

## Appendix for LTE Band 20

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## Summary of Test Results Data and Graph

### Transmitter Maximum Output Power

#### Test Result

##### NTNV

Condition	Band	Channel Bandwidth	Modulation	Channel	RB Configure	Result (dBm)	Verdict
NTNV	Band20	5MHz	QPSK	24175	1RB#0	22.63	PASS
NTNV	Band20	5MHz	QPSK	24175	1RB#24	22.64	PASS
NTNV	Band20	5MHz	QPSK	24175	8RB#0	22.76	PASS
NTNV	Band20	5MHz	QPSK	24175	8RB#17	22.69	PASS
NTNV	Band20	5MHz	QPSK	24300	1RB#0	22.87	PASS
NTNV	Band20	5MHz	QPSK	24300	1RB#24	22.71	PASS
NTNV	Band20	5MHz	QPSK	24300	8RB#0	22.64	PASS
NTNV	Band20	5MHz	QPSK	24300	8RB#17	22.61	PASS
NTNV	Band20	5MHz	QPSK	24425	1RB#0	23.16	PASS
NTNV	Band20	5MHz	QPSK	24425	1RB#24	22.70	PASS
NTNV	Band20	5MHz	QPSK	24425	8RB#0	22.78	PASS
NTNV	Band20	5MHz	QPSK	24425	8RB#17	22.68	PASS
NTNV	Band20	20MHz	QPSK	24250	1RB#0	22.79	PASS
NTNV	Band20	20MHz	QPSK	24250	1RB#99	22.66	PASS
NTNV	Band20	20MHz	QPSK	24250	18RB#0	22.59	PASS
NTNV	Band20	20MHz	QPSK	24250	18RB#82	22.54	PASS
NTNV	Band20	20MHz	QPSK	24300	1RB#0	22.56	PASS
NTNV	Band20	20MHz	QPSK	24300	1RB#99	22.71	PASS
NTNV	Band20	20MHz	QPSK	24300	18RB#0	22.64	PASS
NTNV	Band20	20MHz	QPSK	24300	18RB#82	22.64	PASS
NTNV	Band20	20MHz	QPSK	24350	1RB#0	22.66	PASS
NTNV	Band20	20MHz	QPSK	24350	1RB#99	22.76	PASS
NTNV	Band20	20MHz	QPSK	24350	18RB#0	22.62	PASS
NTNV	Band20	20MHz	QPSK	24350	18RB#82	22.68	PASS

##### LTLV

Condition	Band	Channel Bandwidth	Modulation	Channel	RB Configure	Result (dBm)	Verdict
LTLV	Band20	5MHz	QPSK	24175	1RB#0	21.99	PASS
LTLV	Band20	5MHz	QPSK	24175	1RB#24	22.00	PASS
LTLV	Band20	5MHz	QPSK	24175	8RB#0	22.64	PASS

LTLV	Band20	5MHz	QPSK	24175	8RB#17	21.96	PASS
LTLV	Band20	5MHz	QPSK	24300	1RB#0	22.45	PASS
LTLV	Band20	5MHz	QPSK	24300	1RB#24	22.35	PASS
LTLV	Band20	5MHz	QPSK	24300	8RB#0	22.47	PASS
LTLV	Band20	5MHz	QPSK	24300	8RB#17	22.24	PASS
LTLV	Band20	5MHz	QPSK	24425	1RB#0	22.33	PASS
LTLV	Band20	5MHz	QPSK	24425	1RB#24	22.23	PASS
LTLV	Band20	5MHz	QPSK	24425	8RB#0	22.03	PASS
LTLV	Band20	5MHz	QPSK	24425	8RB#17	22.37	PASS
LTLV	Band20	20MHz	QPSK	24250	1RB#0	22.29	PASS
LTLV	Band20	20MHz	QPSK	24250	1RB#99	21.94	PASS
LTLV	Band20	20MHz	QPSK	24250	18RB#0	22.11	PASS
LTLV	Band20	20MHz	QPSK	24250	18RB#82	22.02	PASS
LTLV	Band20	20MHz	QPSK	24300	1RB#0	22.15	PASS
LTLV	Band20	20MHz	QPSK	24300	1RB#99	21.85	PASS
LTLV	Band20	20MHz	QPSK	24300	18RB#0	22.36	PASS
LTLV	Band20	20MHz	QPSK	24300	18RB#82	22.13	PASS
LTLV	Band20	20MHz	QPSK	24350	1RB#0	21.97	PASS
LTLV	Band20	20MHz	QPSK	24350	1RB#99	22.39	PASS
LTLV	Band20	20MHz	QPSK	24350	18RB#0	22.29	PASS
LTLV	Band20	20MHz	QPSK	24350	18RB#82	22.33	PASS

## LTHV

Condition	Band	Channel Bandwidth	Modulation	Channel	RB Configure	Result (dBm)	Verdict
LTHV	Band20	5MHz	QPSK	24175	1RB#0	21.79	PASS
LTHV	Band20	5MHz	QPSK	24175	1RB#24	22.13	PASS
LTHV	Band20	5MHz	QPSK	24175	8RB#0	22.49	PASS
LTHV	Band20	5MHz	QPSK	24175	8RB#17	22.50	PASS
LTHV	Band20	5MHz	QPSK	24300	1RB#0	22.51	PASS
LTHV	Band20	5MHz	QPSK	24300	1RB#24	22.58	PASS
LTHV	Band20	5MHz	QPSK	24300	8RB#0	22.34	PASS
LTHV	Band20	5MHz	QPSK	24300	8RB#17	22.31	PASS
LTHV	Band20	5MHz	QPSK	24425	1RB#0	22.28	PASS
LTHV	Band20	5MHz	QPSK	24425	1RB#24	22.01	PASS
LTHV	Band20	5MHz	QPSK	24425	8RB#0	22.58	PASS
LTHV	Band20	5MHz	QPSK	24425	8RB#17	22.07	PASS
LTHV	Band20	20MHz	QPSK	24250	1RB#0	22.30	PASS
LTHV	Band20	20MHz	QPSK	24250	1RB#99	22.39	PASS

LTHV	Band20	20MHz	QPSK	24250	18RB#0	21.87	PASS
LTHV	Band20	20MHz	QPSK	24250	18RB#82	22.23	PASS
LTHV	Band20	20MHz	QPSK	24300	1RB#0	21.74	PASS
LTHV	Band20	20MHz	QPSK	24300	1RB#99	22.07	PASS
LTHV	Band20	20MHz	QPSK	24300	18RB#0	22.14	PASS
LTHV	Band20	20MHz	QPSK	24300	18RB#82	22.18	PASS
LTHV	Band20	20MHz	QPSK	24350	1RB#0	22.39	PASS
LTHV	Band20	20MHz	QPSK	24350	1RB#99	22.16	PASS
LTHV	Band20	20MHz	QPSK	24350	18RB#0	22.48	PASS
LTHV	Band20	20MHz	QPSK	24350	18RB#82	21.83	PASS

## HTLV

Condition	Band	Channel Bandwidth	Modulation	Channel	RB Configure	Result (dBm)	Verdict
HTLV	Band20	5MHz	QPSK	24175	1RB#0	22.41	PASS
HTLV	Band20	5MHz	QPSK	24175	1RB#24	22.36	PASS
HTLV	Band20	5MHz	QPSK	24175	8RB#0	22.45	PASS
HTLV	Band20	5MHz	QPSK	24175	8RB#17	22.00	PASS
HTLV	Band20	5MHz	QPSK	24300	1RB#0	22.43	PASS
HTLV	Band20	5MHz	QPSK	24300	1RB#24	22.30	PASS
HTLV	Band20	5MHz	QPSK	24300	8RB#0	22.16	PASS
HTLV	Band20	5MHz	QPSK	24300	8RB#17	22.45	PASS
HTLV	Band20	5MHz	QPSK	24425	1RB#0	22.56	PASS
HTLV	Band20	5MHz	QPSK	24425	1RB#24	22.27	PASS
HTLV	Band20	5MHz	QPSK	24425	8RB#0	22.25	PASS
HTLV	Band20	5MHz	QPSK	24425	8RB#17	21.79	PASS
HTLV	Band20	20MHz	QPSK	24250	1RB#0	22.12	PASS
HTLV	Band20	20MHz	QPSK	24250	1RB#99	21.89	PASS
HTLV	Band20	20MHz	QPSK	24250	18RB#0	21.96	PASS
HTLV	Band20	20MHz	QPSK	24250	18RB#82	22.33	PASS
HTLV	Band20	20MHz	QPSK	24300	1RB#0	22.08	PASS
HTLV	Band20	20MHz	QPSK	24300	1RB#99	22.48	PASS
HTLV	Band20	20MHz	QPSK	24300	18RB#0	21.78	PASS
HTLV	Band20	20MHz	QPSK	24300	18RB#82	22.27	PASS
HTLV	Band20	20MHz	QPSK	24350	1RB#0	22.00	PASS
HTLV	Band20	20MHz	QPSK	24350	1RB#99	22.28	PASS
HTLV	Band20	20MHz	QPSK	24350	18RB#0	22.13	PASS
HTLV	Band20	20MHz	QPSK	24350	18RB#82	22.45	PASS



## HTHV

Condition	Band	Channel Bandwidth	Modulation	Channel	RB Configure	Result (dBm)	Verdict
HTHV	Band20	5MHz	QPSK	24175	1RB#0	22.33	PASS
HTHV	Band20	5MHz	QPSK	24175	1RB#24	21.79	PASS
HTHV	Band20	5MHz	QPSK	24175	8RB#0	22.20	PASS
HTHV	Band20	5MHz	QPSK	24175	8RB#17	22.06	PASS
HTHV	Band20	5MHz	QPSK	24300	1RB#0	21.97	PASS
HTHV	Band20	5MHz	QPSK	24300	1RB#24	22.14	PASS
HTHV	Band20	5MHz	QPSK	24300	8RB#0	22.29	PASS
HTHV	Band20	5MHz	QPSK	24300	8RB#17	22.51	PASS
HTHV	Band20	5MHz	QPSK	24425	1RB#0	23.03	PASS
HTHV	Band20	5MHz	QPSK	24425	1RB#24	21.82	PASS
HTHV	Band20	5MHz	QPSK	24425	8RB#0	22.36	PASS
HTHV	Band20	5MHz	QPSK	24425	8RB#17	22.36	PASS
HTHV	Band20	20MHz	QPSK	24250	1RB#0	22.07	PASS
HTHV	Band20	20MHz	QPSK	24250	1RB#99	22.19	PASS
HTHV	Band20	20MHz	QPSK	24250	18RB#0	21.70	PASS
HTHV	Band20	20MHz	QPSK	24250	18RB#82	22.07	PASS
HTHV	Band20	20MHz	QPSK	24300	1RB#0	21.84	PASS
HTHV	Band20	20MHz	QPSK	24300	1RB#99	22.44	PASS
HTHV	Band20	20MHz	QPSK	24300	18RB#0	22.01	PASS
HTHV	Band20	20MHz	QPSK	24300	18RB#82	22.35	PASS
HTHV	Band20	20MHz	QPSK	24350	1RB#0	22.38	PASS
HTHV	Band20	20MHz	QPSK	24350	1RB#99	21.98	PASS
HTHV	Band20	20MHz	QPSK	24350	18RB#0	22.05	PASS
HTHV	Band20	20MHz	QPSK	24350	18RB#82	22.27	PASS

## Transmitter Minimum Output Power

### Test Result

#### NTNV

Condition	Band	Channel Bandwidth	Modulation	Channel	RB Configure	Result (dBm)	Verdict
NTNV	Band20	5MHz	QPSK	24175	25RB#0	-43.92	PASS
NTNV	Band20	5MHz	QPSK	24300	25RB#0	-45.49	PASS
NTNV	Band20	5MHz	QPSK	24425	25RB#0	-44.45	PASS
NTNV	Band20	20MHz	QPSK	24250	100RB#0	-42.50	PASS
NTNV	Band20	20MHz	QPSK	24300	100RB#0	-43.16	PASS
NTNV	Band20	20MHz	QPSK	24350	100RB#0	-44.42	PASS

#### LTLV

Condition	Band	Channel Bandwidth	Modulation	Channel	RB Configure	Result (dBm)	Verdict
LTLV	Band20	5MHz	QPSK	24175	25RB#0	-44.08	PASS
LTLV	Band20	5MHz	QPSK	24300	25RB#0	-46.19	PASS
LTLV	Band20	5MHz	QPSK	24425	25RB#0	-44.60	PASS
LTLV	Band20	20MHz	QPSK	24250	100RB#0	-42.81	PASS
LTLV	Band20	20MHz	QPSK	24300	100RB#0	-43.95	PASS
LTLV	Band20	20MHz	QPSK	24350	100RB#0	-45.10	PASS

#### LTHV

Condition	Band	Channel Bandwidth	Modulation	Channel	RB Configure	Result (dBm)	Verdict
LTHV	Band20	5MHz	QPSK	24175	25RB#0	-44.52	PASS
LTHV	Band20	5MHz	QPSK	24300	25RB#0	-45.70	PASS
LTHV	Band20	5MHz	QPSK	24425	25RB#0	-44.98	PASS
LTHV	Band20	20MHz	QPSK	24250	100RB#0	-42.62	PASS
LTHV	Band20	20MHz	QPSK	24300	100RB#0	-43.34	PASS
LTHV	Band20	20MHz	QPSK	24350	100RB#0	-45.23	PASS

#### HTLV

Condition	Band	Channel Bandwidth	Modulation	Channel	RB Configure	Result (dBm)	Verdict
HTLV	Band20	5MHz	QPSK	24175	25RB#0	-44.12	PASS
HTLV	Band20	5MHz	QPSK	24300	25RB#0	-45.68	PASS
HTLV	Band20	5MHz	QPSK	24425	25RB#0	-45.23	PASS
HTLV	Band20	20MHz	QPSK	24250	100RB#0	-42.97	PASS

HTLV	Band20	20MHz	QPSK	24300	100RB#0	-43.87	PASS
HTLV	Band20	20MHz	QPSK	24350	100RB#0	-45.11	PASS

## HTHV

Condition	Band	Channel Bandwidth	Modulation	Channel	RB Configure	Result (dBm)	Verdict
HTHV	Band20	5MHz	QPSK	24175	25RB#0	-44.38	PASS
HTHV	Band20	5MHz	QPSK	24300	25RB#0	-45.95	PASS
HTHV	Band20	5MHz	QPSK	24425	25RB#0	-44.64	PASS
HTHV	Band20	20MHz	QPSK	24250	100RB#0	-43.13	PASS
HTHV	Band20	20MHz	QPSK	24300	100RB#0	-43.68	PASS
HTHV	Band20	20MHz	QPSK	24350	100RB#0	-45.09	PASS

## Transmitter Spectrum Emission Mask

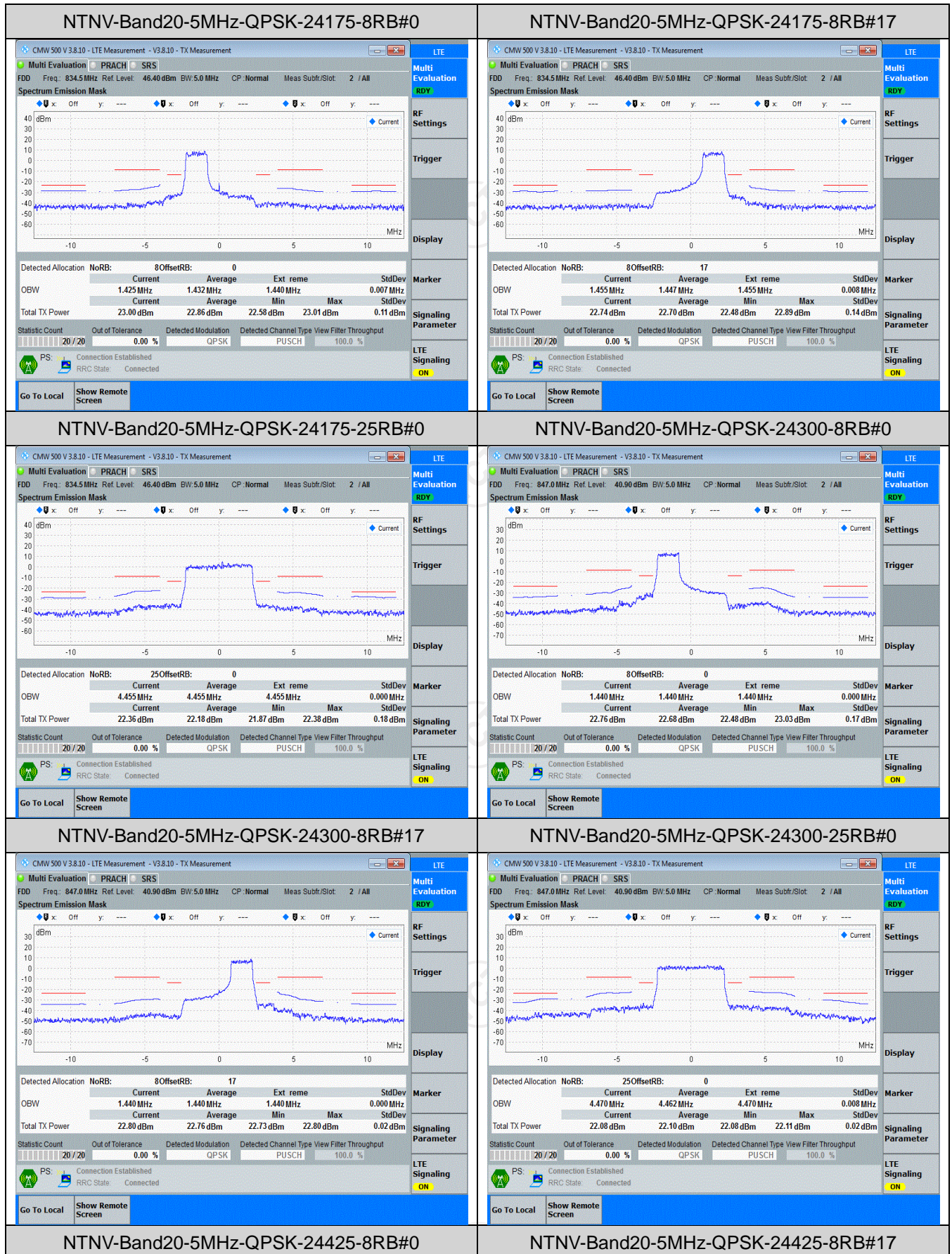
### Test Result

Condition	Band	Channel Bandwidth	Modulation	Channel	RB Configure	Result	Verdict
NTNV	Band20	5MHz	QPSK	24175	8RB#0	See graph	PASS
NTNV	Band20	5MHz	QPSK	24175	8RB#17	See graph	PASS
NTNV	Band20	5MHz	QPSK	24175	25RB#0	See graph	PASS
NTNV	Band20	5MHz	QPSK	24300	8RB#0	See graph	PASS
NTNV	Band20	5MHz	QPSK	24300	8RB#17	See graph	PASS
NTNV	Band20	5MHz	QPSK	24300	25RB#0	See graph	PASS
NTNV	Band20	5MHz	QPSK	24425	8RB#0	See graph	PASS
NTNV	Band20	5MHz	QPSK	24425	8RB#17	See graph	PASS
NTNV	Band20	5MHz	QPSK	24425	25RB#0	See graph	PASS
NTNV	Band20	5MHz	16QAM	24175	8RB#0	See graph	PASS
NTNV	Band20	5MHz	16QAM	24175	8RB#17	See graph	PASS
NTNV	Band20	5MHz	16QAM	24175	25RB#0	See graph	PASS
NTNV	Band20	5MHz	16QAM	24300	8RB#0	See graph	PASS
NTNV	Band20	5MHz	16QAM	24300	8RB#17	See graph	PASS
NTNV	Band20	5MHz	16QAM	24300	25RB#0	See graph	PASS
NTNV	Band20	5MHz	16QAM	24425	8RB#0	See graph	PASS
NTNV	Band20	5MHz	16QAM	24425	8RB#17	See graph	PASS
NTNV	Band20	5MHz	16QAM	24425	25RB#0	See graph	PASS
NTNV	Band20	10MHz	QPSK	24200	12RB#0	See graph	PASS
NTNV	Band20	10MHz	QPSK	24200	12RB#38	See graph	PASS
NTNV	Band20	10MHz	QPSK	24200	50RB#0	See graph	PASS
NTNV	Band20	10MHz	QPSK	24300	12RB#0	See graph	PASS
NTNV	Band20	10MHz	QPSK	24300	12RB#38	See graph	PASS
NTNV	Band20	10MHz	QPSK	24300	50RB#0	See graph	PASS
NTNV	Band20	10MHz	QPSK	24400	12RB#0	See graph	PASS
NTNV	Band20	10MHz	QPSK	24400	12RB#38	See graph	PASS
NTNV	Band20	10MHz	QPSK	24400	50RB#0	See graph	PASS
NTNV	Band20	10MHz	16QAM	24200	12RB#0	See graph	PASS
NTNV	Band20	10MHz	16QAM	24200	12RB#38	See graph	PASS
NTNV	Band20	10MHz	16QAM	24200	50RB#0	See graph	PASS
NTNV	Band20	10MHz	16QAM	24300	12RB#0	See graph	PASS
NTNV	Band20	10MHz	16QAM	24300	12RB#38	See graph	PASS
NTNV	Band20	10MHz	16QAM	24300	50RB#0	See graph	PASS

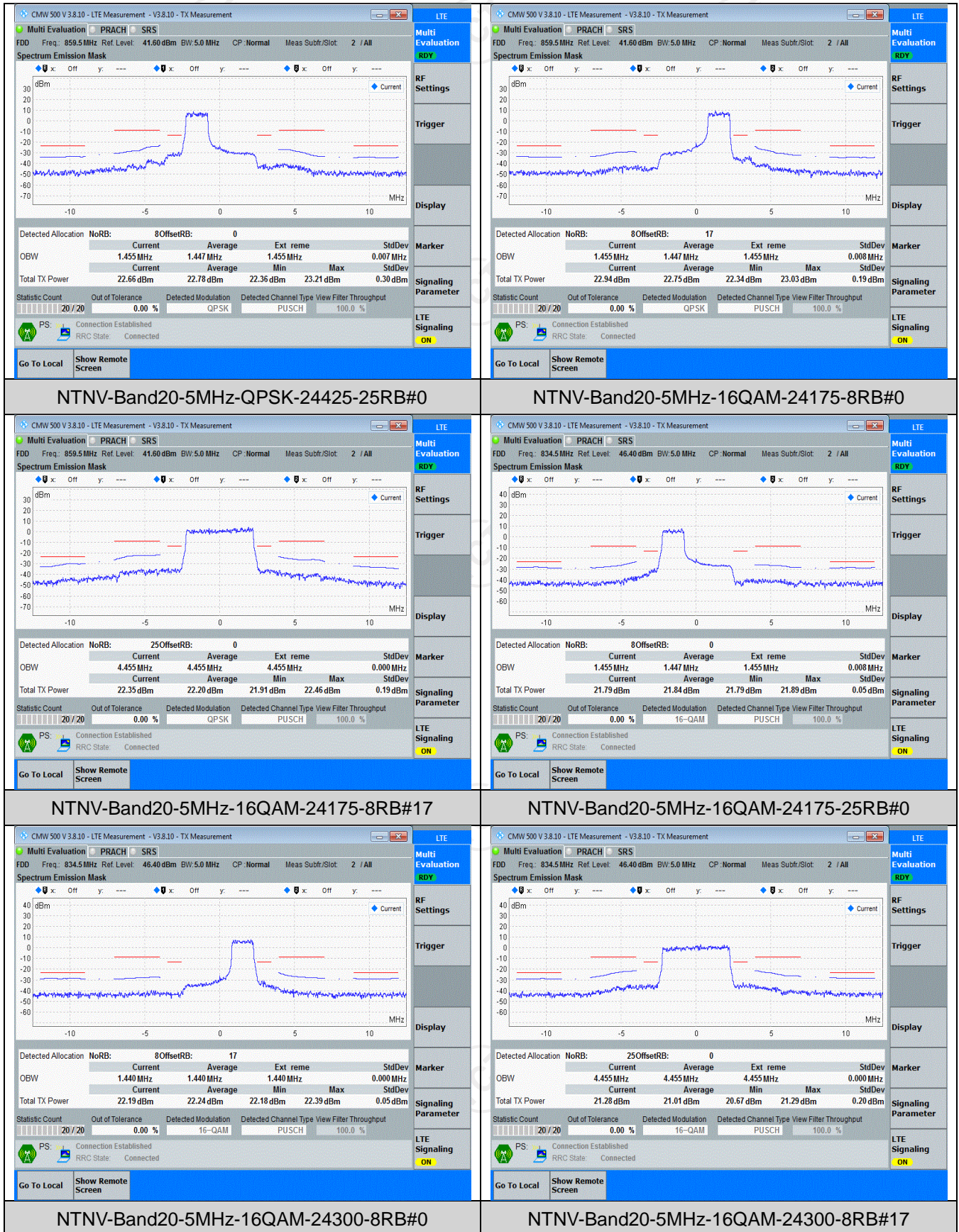
NTNV	Band20	10MHz	16QAM	24400	12RB#0	See graph	PASS
NTNV	Band20	10MHz	16QAM	24400	12RB#38	See graph	PASS
NTNV	Band20	10MHz	16QAM	24400	50RB#0	See graph	PASS
NTNV	Band20	20MHz	QPSK	24250	18RB#0	See graph	PASS
NTNV	Band20	20MHz	QPSK	24250	18RB#82	See graph	PASS
NTNV	Band20	20MHz	QPSK	24250	100RB#0	See graph	PASS
NTNV	Band20	20MHz	QPSK	24300	18RB#0	See graph	PASS
NTNV	Band20	20MHz	QPSK	24300	18RB#82	See graph	PASS
NTNV	Band20	20MHz	QPSK	24300	100RB#0	See graph	PASS
NTNV	Band20	20MHz	QPSK	24350	18RB#0	See graph	PASS
NTNV	Band20	20MHz	QPSK	24350	18RB#82	See graph	PASS
NTNV	Band20	20MHz	QPSK	24350	100RB#0	See graph	PASS
NTNV	Band20	20MHz	16QAM	24250	18RB#0	See graph	PASS
NTNV	Band20	20MHz	16QAM	24250	18RB#82	See graph	PASS
NTNV	Band20	20MHz	16QAM	24250	100RB#0	See graph	PASS
NTNV	Band20	20MHz	16QAM	24300	18RB#0	See graph	PASS
NTNV	Band20	20MHz	16QAM	24300	18RB#82	See graph	PASS
NTNV	Band20	20MHz	16QAM	24300	100RB#0	See graph	PASS
NTNV	Band20	20MHz	16QAM	24350	18RB#0	See graph	PASS
NTNV	Band20	20MHz	16QAM	24350	18RB#82	See graph	PASS
NTNV	Band20	20MHz	16QAM	24350	100RB#0	See graph	PASS



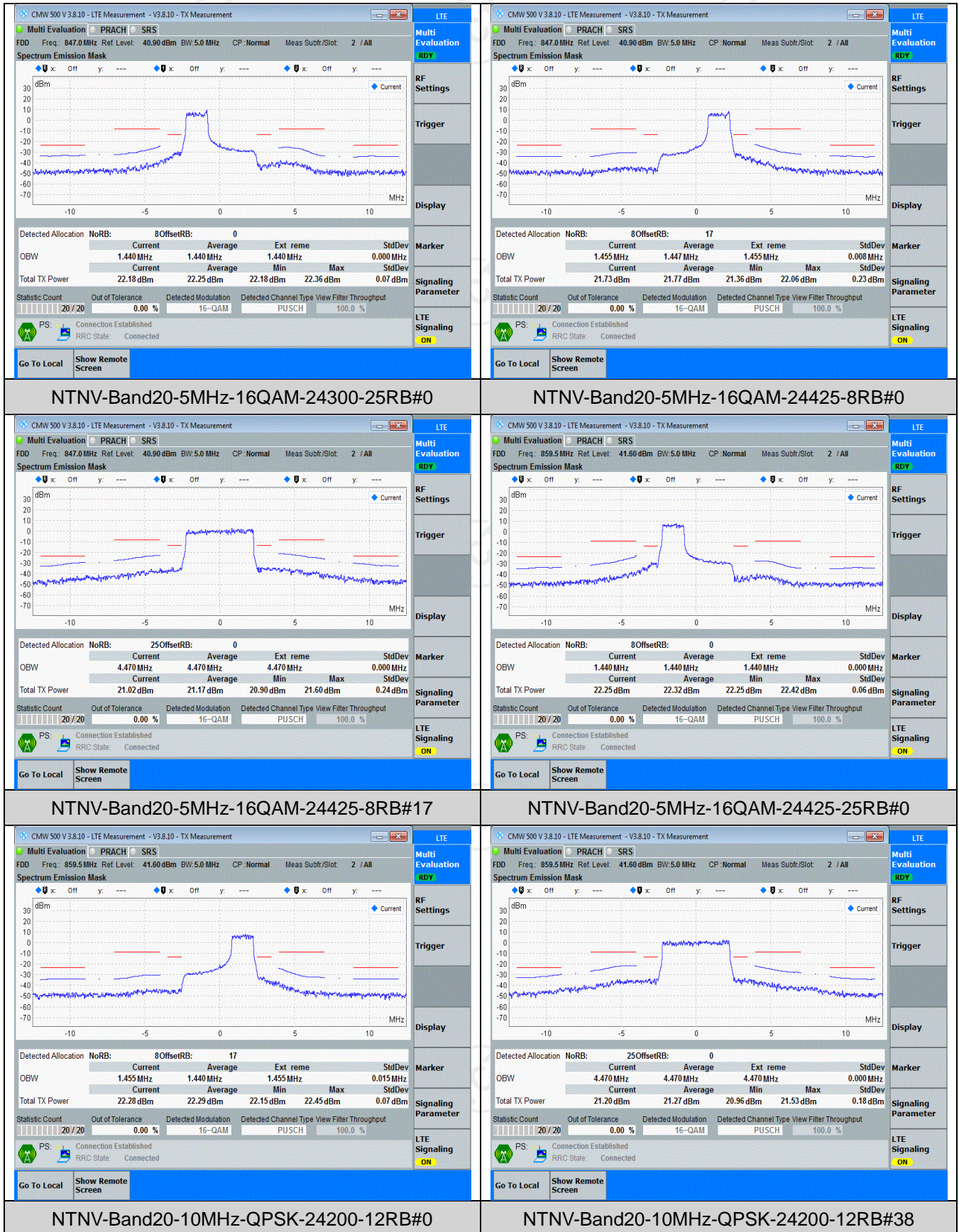
## Test Graphs



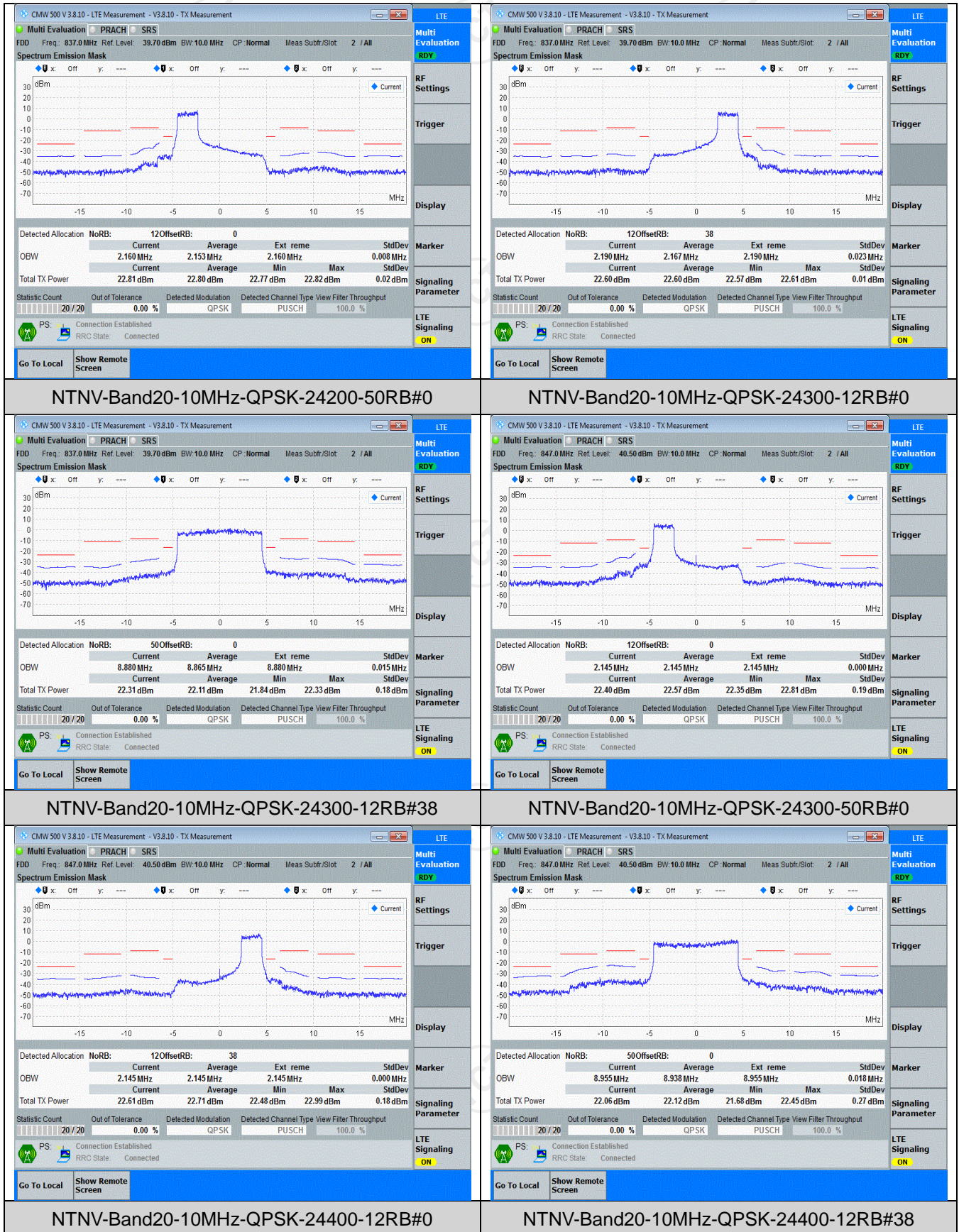




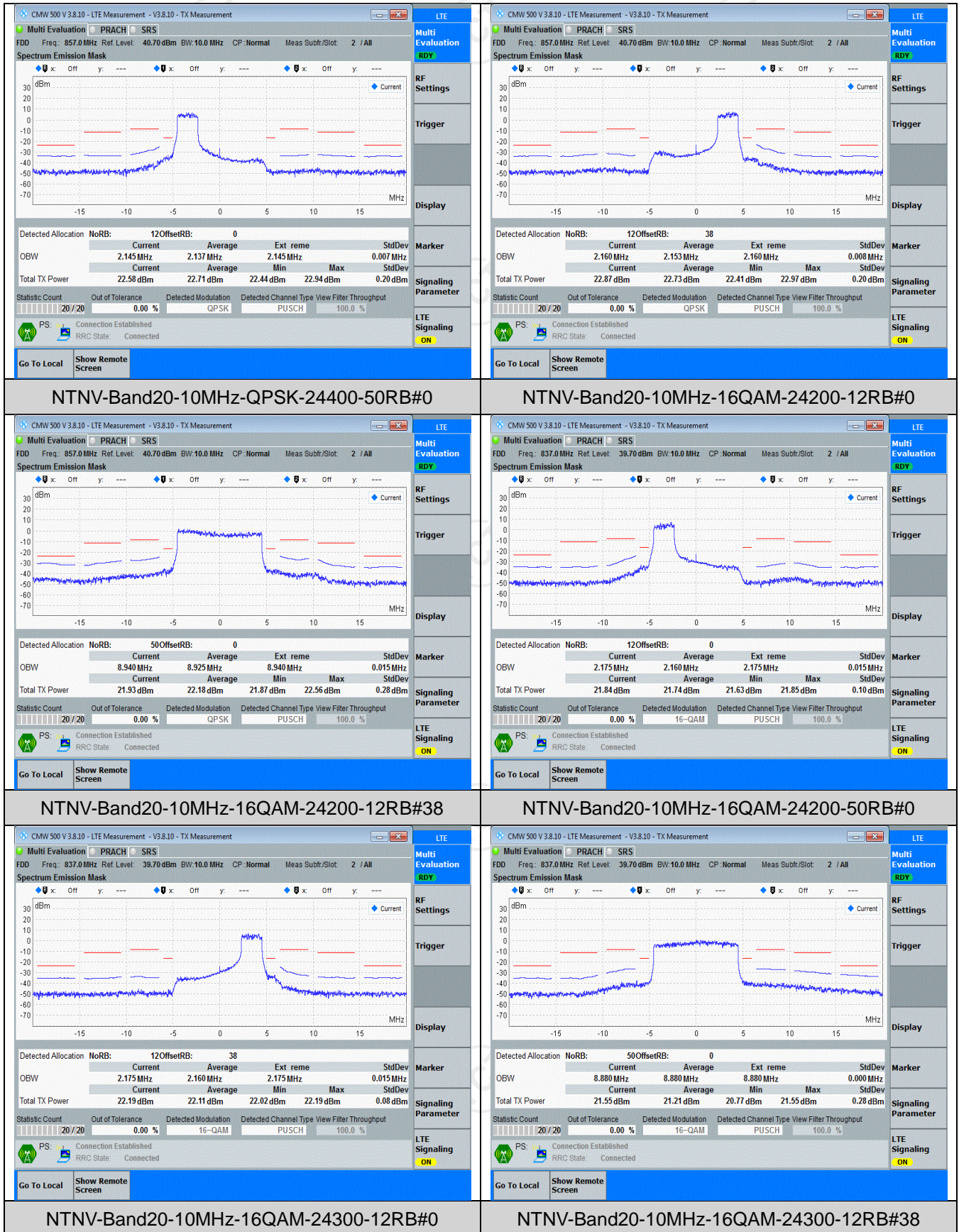




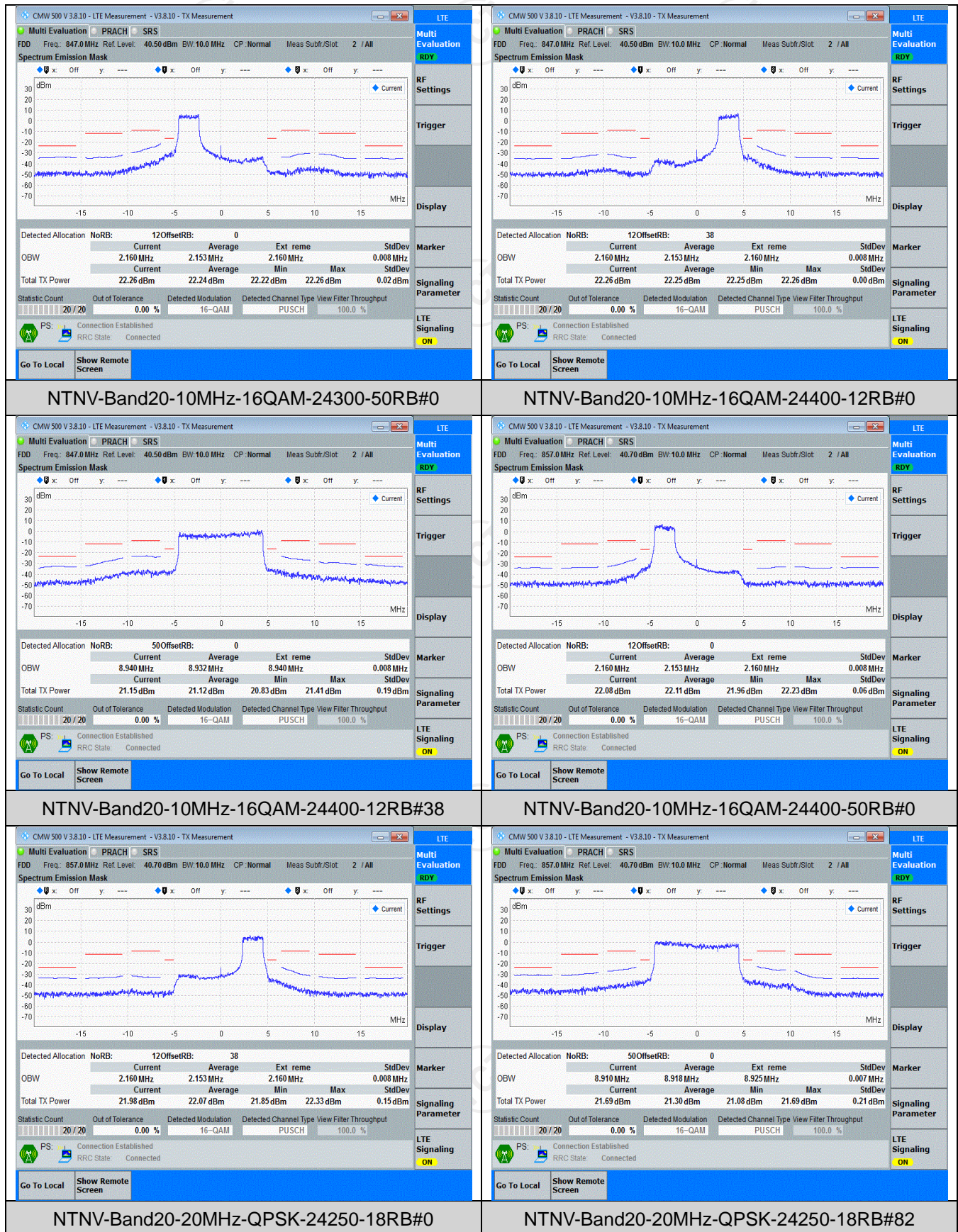




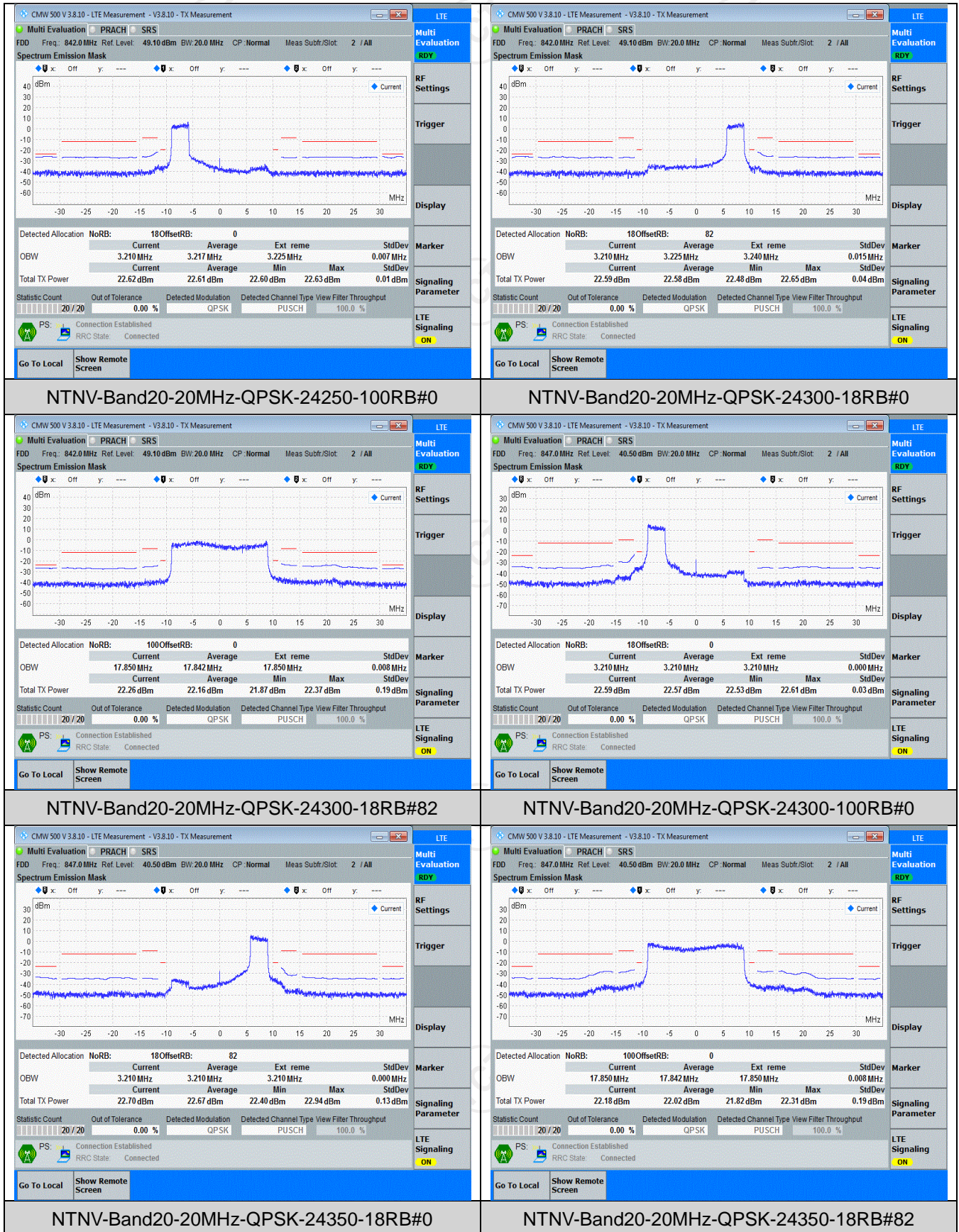




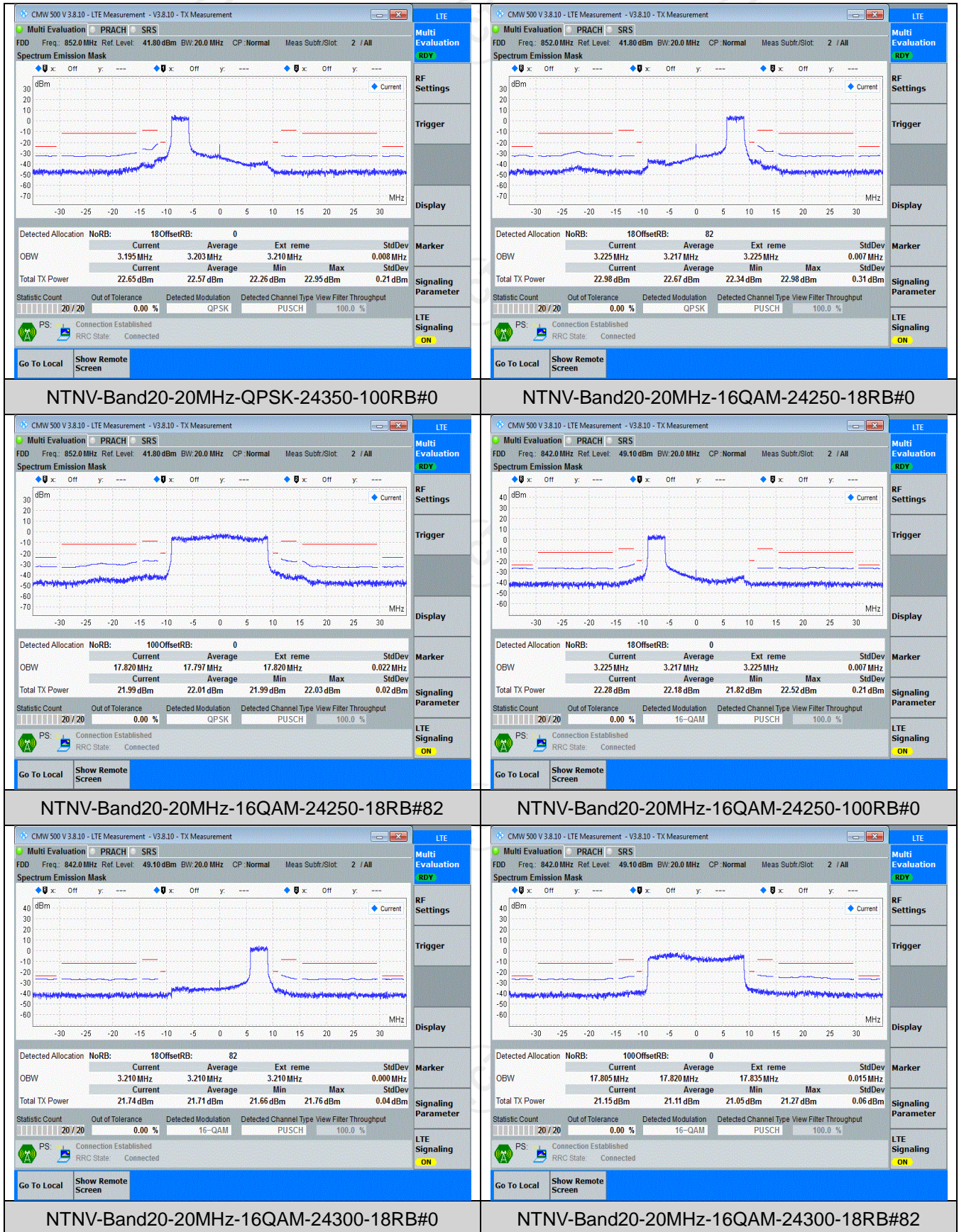




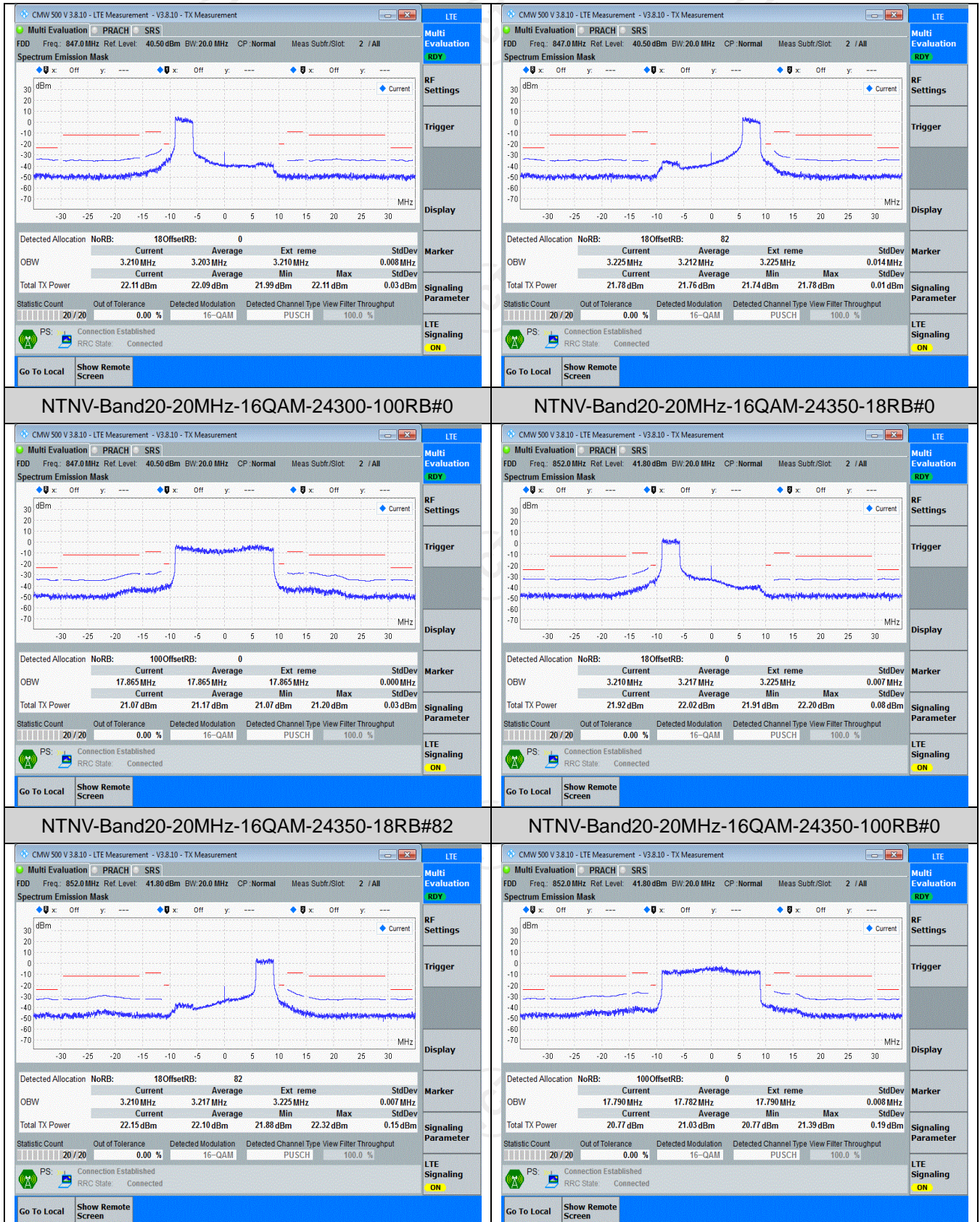














## Transmitter Adjacent Channel Leakage Power Ratio(ACLR)

### Test Result

Condition	Band	Channel Bandwidth	Modulation	Channel	RB Configure	Result	Verdict
NTNV	Band20	5MHz	QPSK	24175	8RB#0	See graph	PASS
NTNV	Band20	5MHz	QPSK	24175	8RB#17	See graph	PASS
NTNV	Band20	5MHz	QPSK	24175	25RB#0	See graph	PASS
NTNV	Band20	5MHz	QPSK	24300	8RB#0	See graph	PASS
NTNV	Band20	5MHz	QPSK	24300	8RB#17	See graph	PASS
NTNV	Band20	5MHz	QPSK	24300	25RB#0	See graph	PASS
NTNV	Band20	5MHz	QPSK	24425	8RB#0	See graph	PASS
NTNV	Band20	5MHz	QPSK	24425	8RB#17	See graph	PASS
NTNV	Band20	5MHz	QPSK	24425	25RB#0	See graph	PASS
NTNV	Band20	5MHz	16QAM	24175	8RB#0	See graph	PASS
NTNV	Band20	5MHz	16QAM	24175	8RB#17	See graph	PASS
NTNV	Band20	5MHz	16QAM	24175	25RB#0	See graph	PASS
NTNV	Band20	5MHz	16QAM	24300	8RB#0	See graph	PASS
NTNV	Band20	5MHz	16QAM	24300	8RB#17	See graph	PASS
NTNV	Band20	5MHz	16QAM	24300	25RB#0	See graph	PASS
NTNV	Band20	5MHz	16QAM	24425	8RB#0	See graph	PASS
NTNV	Band20	5MHz	16QAM	24425	8RB#17	See graph	PASS
NTNV	Band20	5MHz	16QAM	24425	25RB#0	See graph	PASS
NTNV	Band20	10MHz	QPSK	24200	12RB#0	See graph	PASS
NTNV	Band20	10MHz	QPSK	24200	12RB#38	See graph	PASS
NTNV	Band20	10MHz	QPSK	24200	50RB#0	See graph	PASS
NTNV	Band20	10MHz	QPSK	24300	12RB#0	See graph	PASS
NTNV	Band20	10MHz	QPSK	24300	12RB#38	See graph	PASS
NTNV	Band20	10MHz	QPSK	24300	50RB#0	See graph	PASS
NTNV	Band20	10MHz	QPSK	24400	12RB#0	See graph	PASS
NTNV	Band20	10MHz	QPSK	24400	12RB#38	See graph	PASS
NTNV	Band20	10MHz	QPSK	24400	50RB#0	See graph	PASS
NTNV	Band20	10MHz	16QAM	24200	12RB#0	See graph	PASS
NTNV	Band20	10MHz	16QAM	24200	12RB#38	See graph	PASS
NTNV	Band20	10MHz	16QAM	24200	50RB#0	See graph	PASS
NTNV	Band20	10MHz	16QAM	24300	12RB#0	See graph	PASS
NTNV	Band20	10MHz	16QAM	24300	12RB#38	See graph	PASS

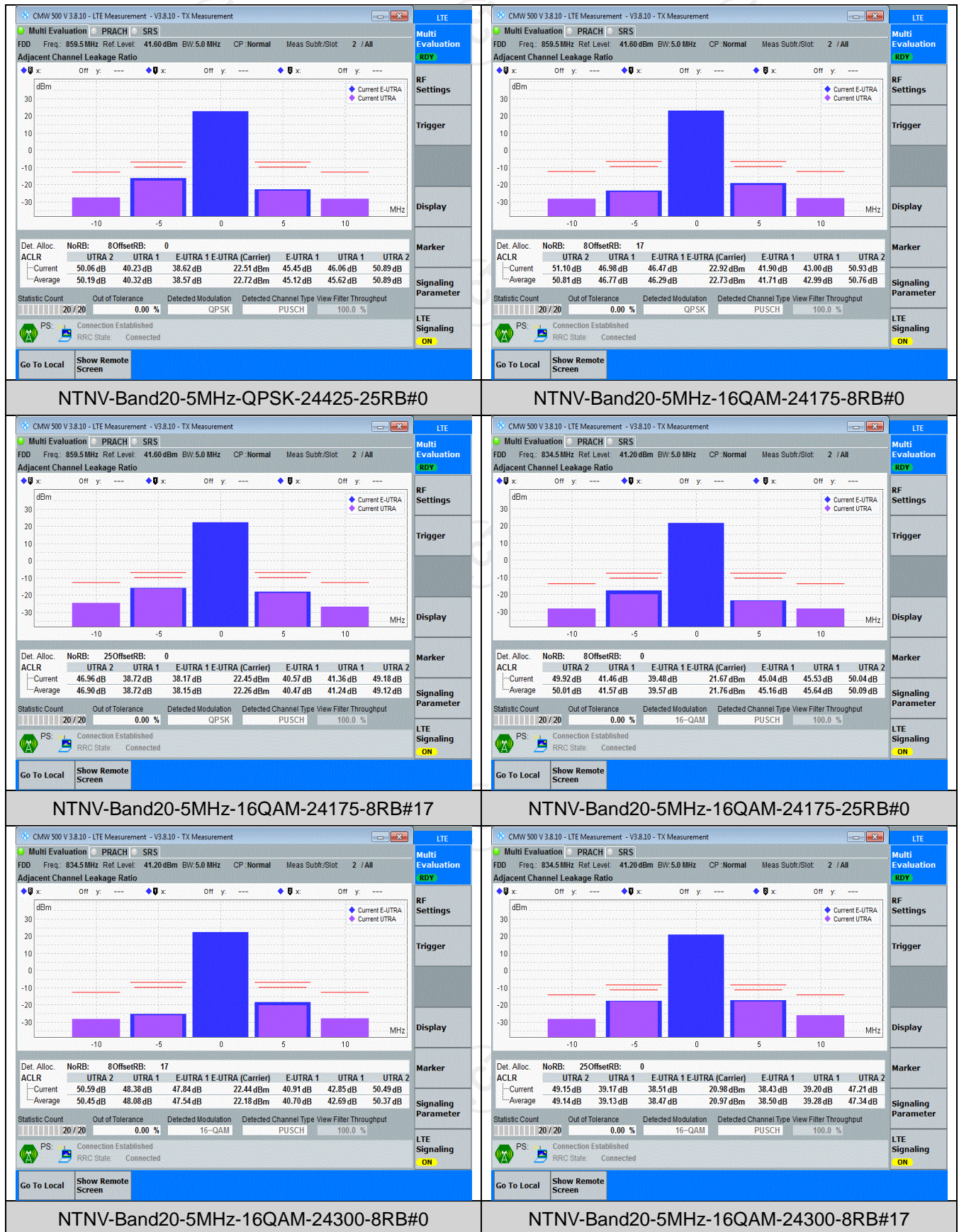
NTNV	Band20	10MHz	16QAM	24300	50RB#0	See graph	PASS
NTNV	Band20	10MHz	16QAM	24400	12RB#0	See graph	PASS
NTNV	Band20	10MHz	16QAM	24400	12RB#38	See graph	PASS
NTNV	Band20	10MHz	16QAM	24400	50RB#0	See graph	PASS
NTNV	Band20	20MHz	QPSK	24250	18RB#0	See graph	PASS
NTNV	Band20	20MHz	QPSK	24250	18RB#82	See graph	PASS
NTNV	Band20	20MHz	QPSK	24250	100RB#0	See graph	PASS
NTNV	Band20	20MHz	QPSK	24300	18RB#0	See graph	PASS
NTNV	Band20	20MHz	QPSK	24300	18RB#82	See graph	PASS
NTNV	Band20	20MHz	QPSK	24300	100RB#0	See graph	PASS
NTNV	Band20	20MHz	QPSK	24350	18RB#0	See graph	PASS
NTNV	Band20	20MHz	QPSK	24350	18RB#82	See graph	PASS
NTNV	Band20	20MHz	QPSK	24350	100RB#0	See graph	PASS
NTNV	Band20	20MHz	16QAM	24250	18RB#0	See graph	PASS
NTNV	Band20	20MHz	16QAM	24250	18RB#82	See graph	PASS
NTNV	Band20	20MHz	16QAM	24250	100RB#0	See graph	PASS
NTNV	Band20	20MHz	16QAM	24300	18RB#0	See graph	PASS
NTNV	Band20	20MHz	16QAM	24300	18RB#82	See graph	PASS
NTNV	Band20	20MHz	16QAM	24300	100RB#0	See graph	PASS
NTNV	Band20	20MHz	16QAM	24350	18RB#0	See graph	PASS
NTNV	Band20	20MHz	16QAM	24350	18RB#82	See graph	PASS
NTNV	Band20	20MHz	16QAM	24350	100RB#0	See graph	PASS



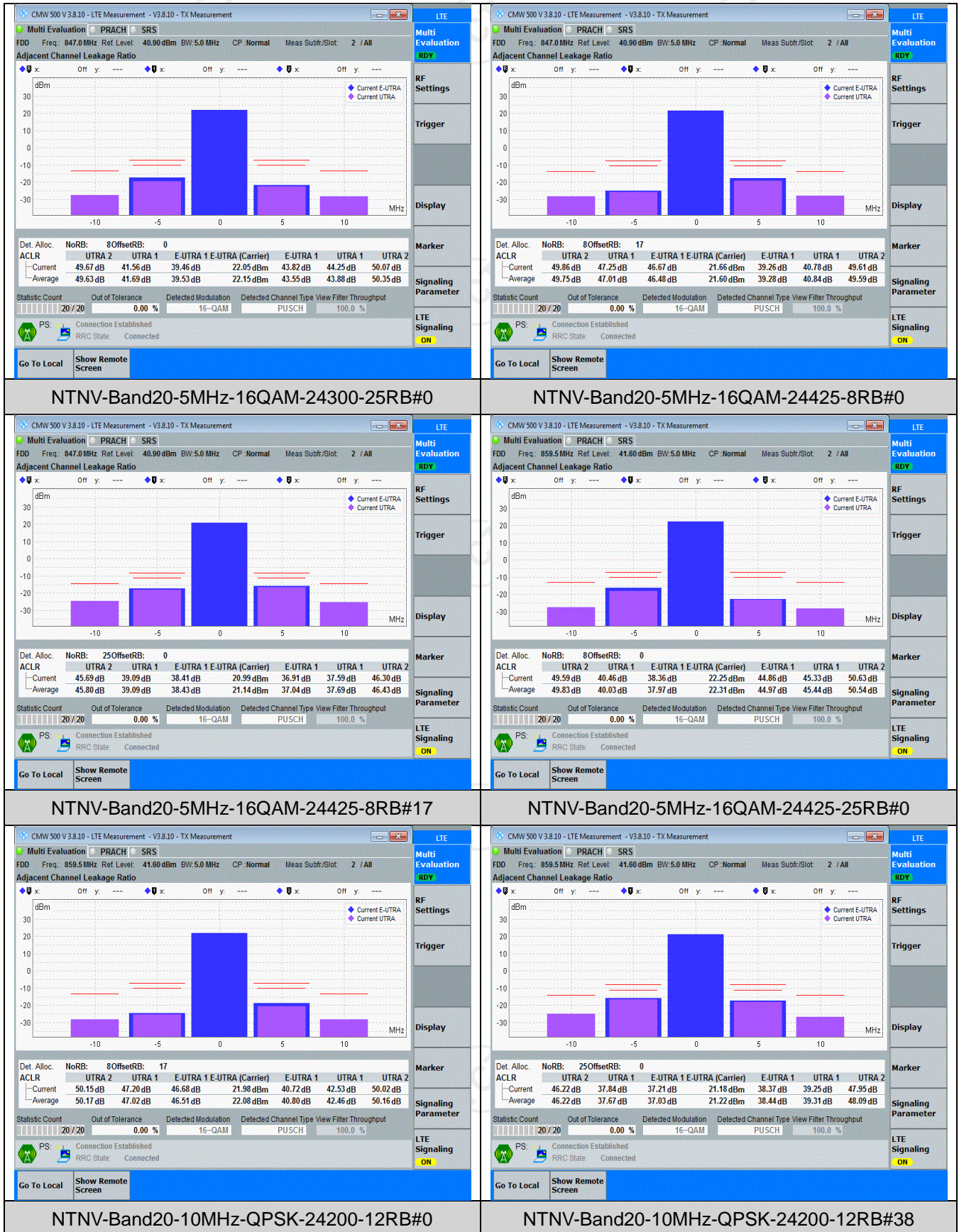
## Test Graphs



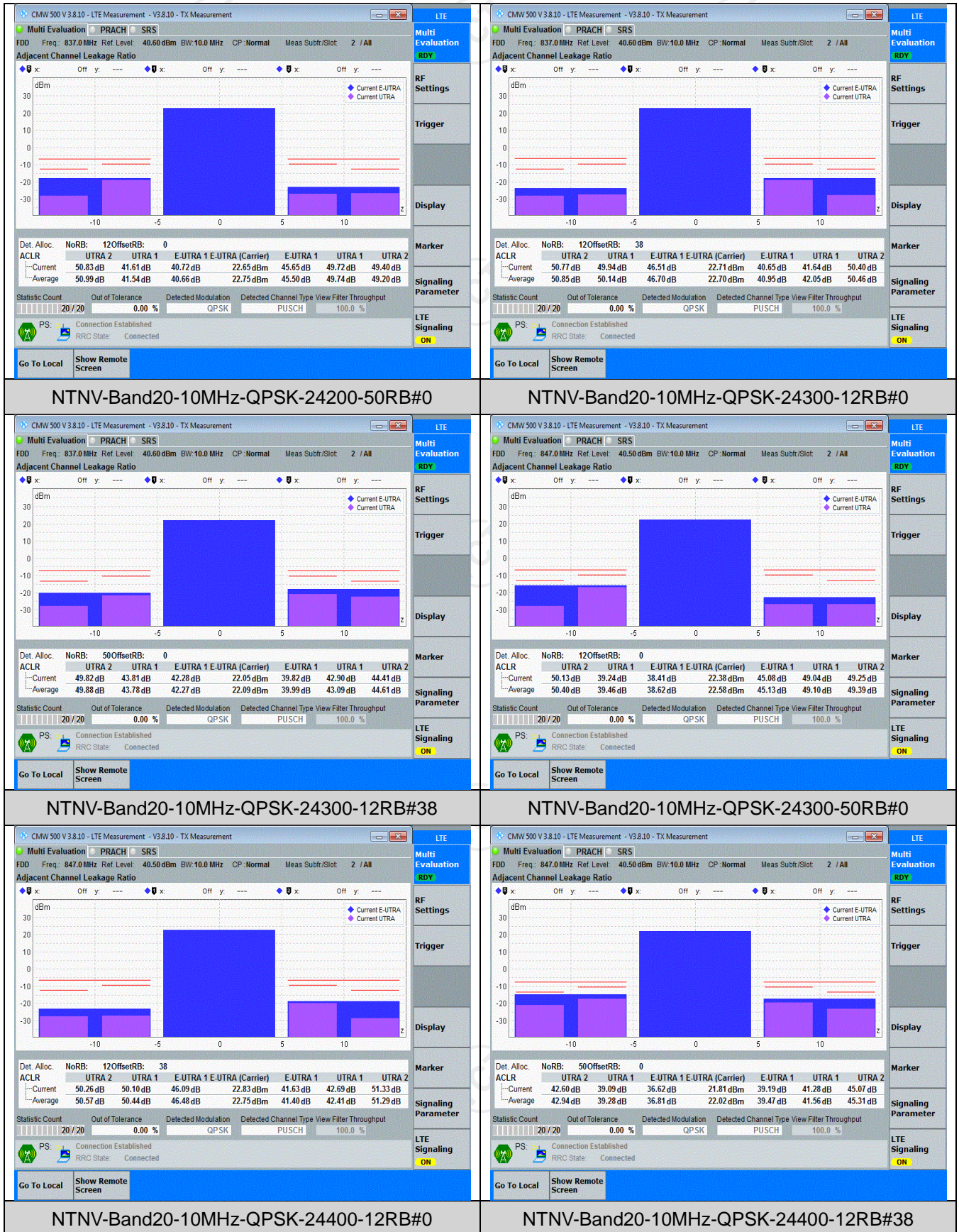




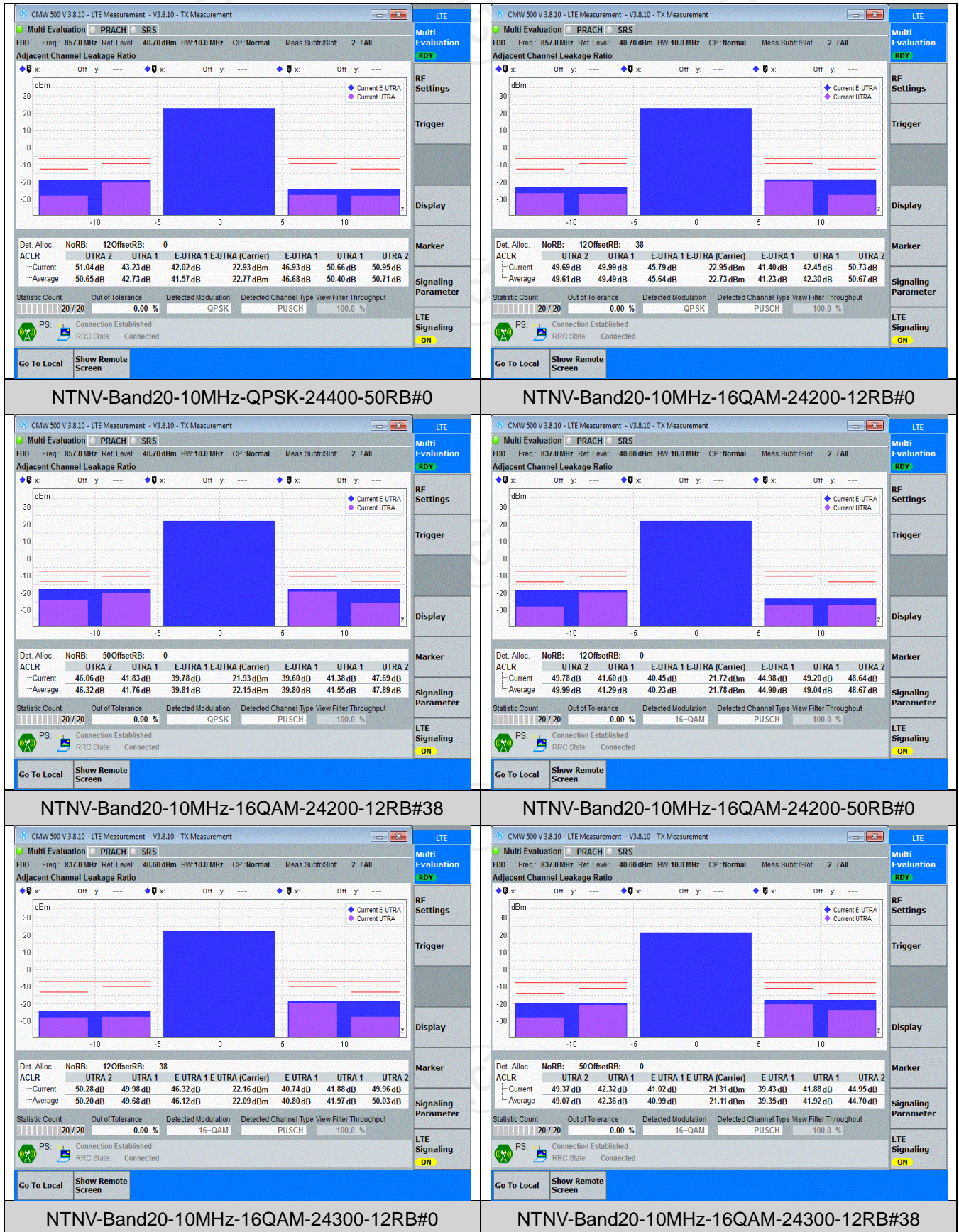




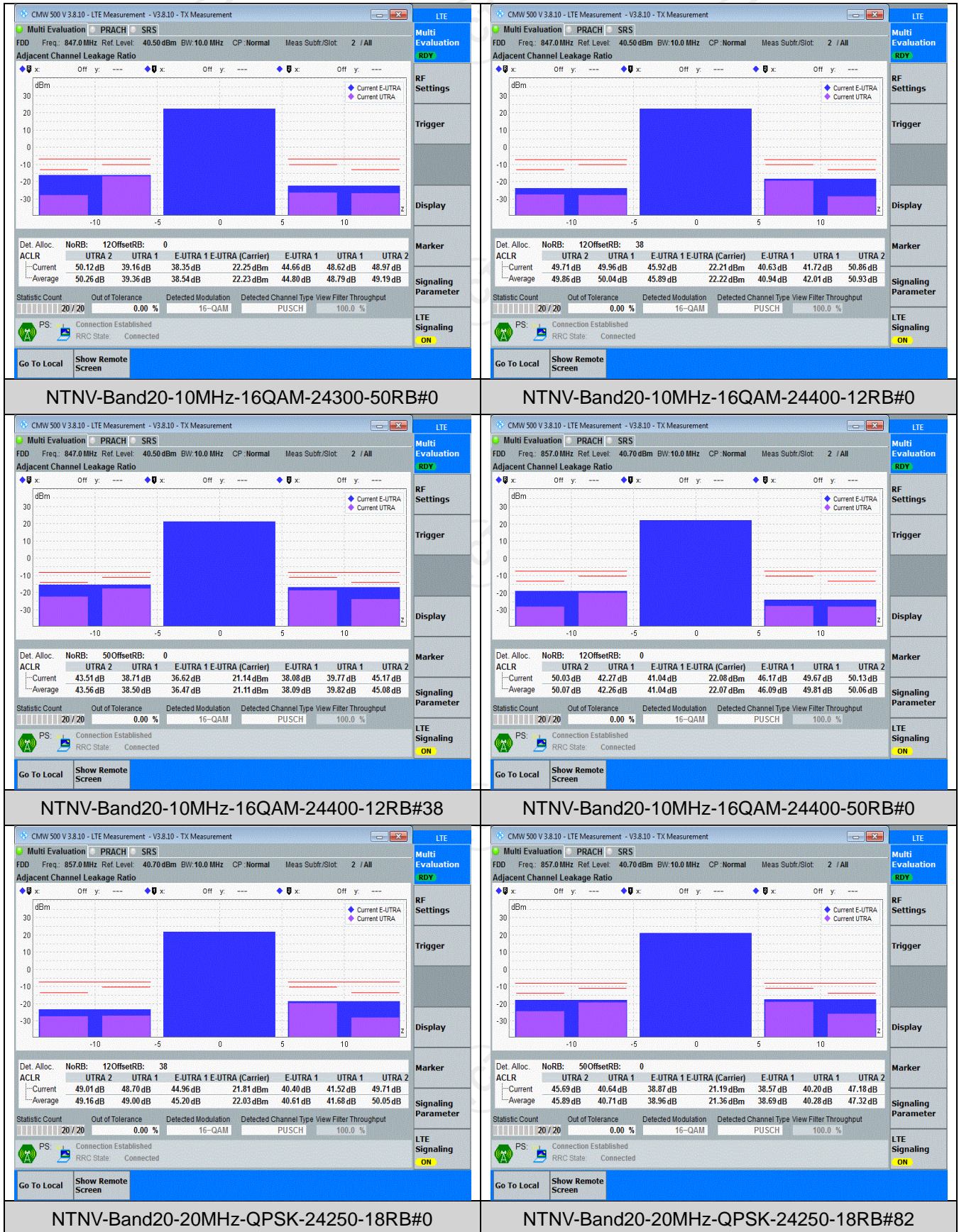




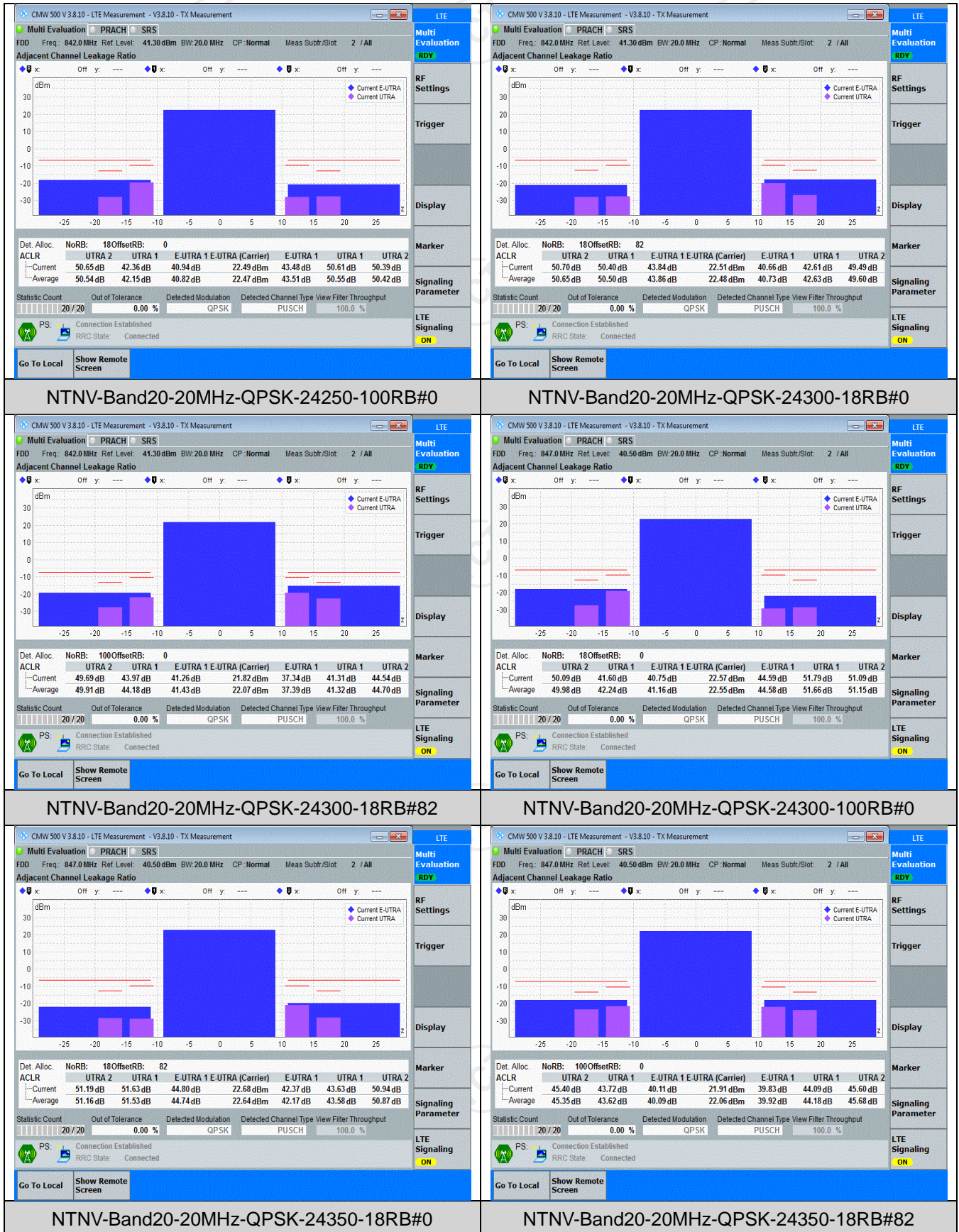




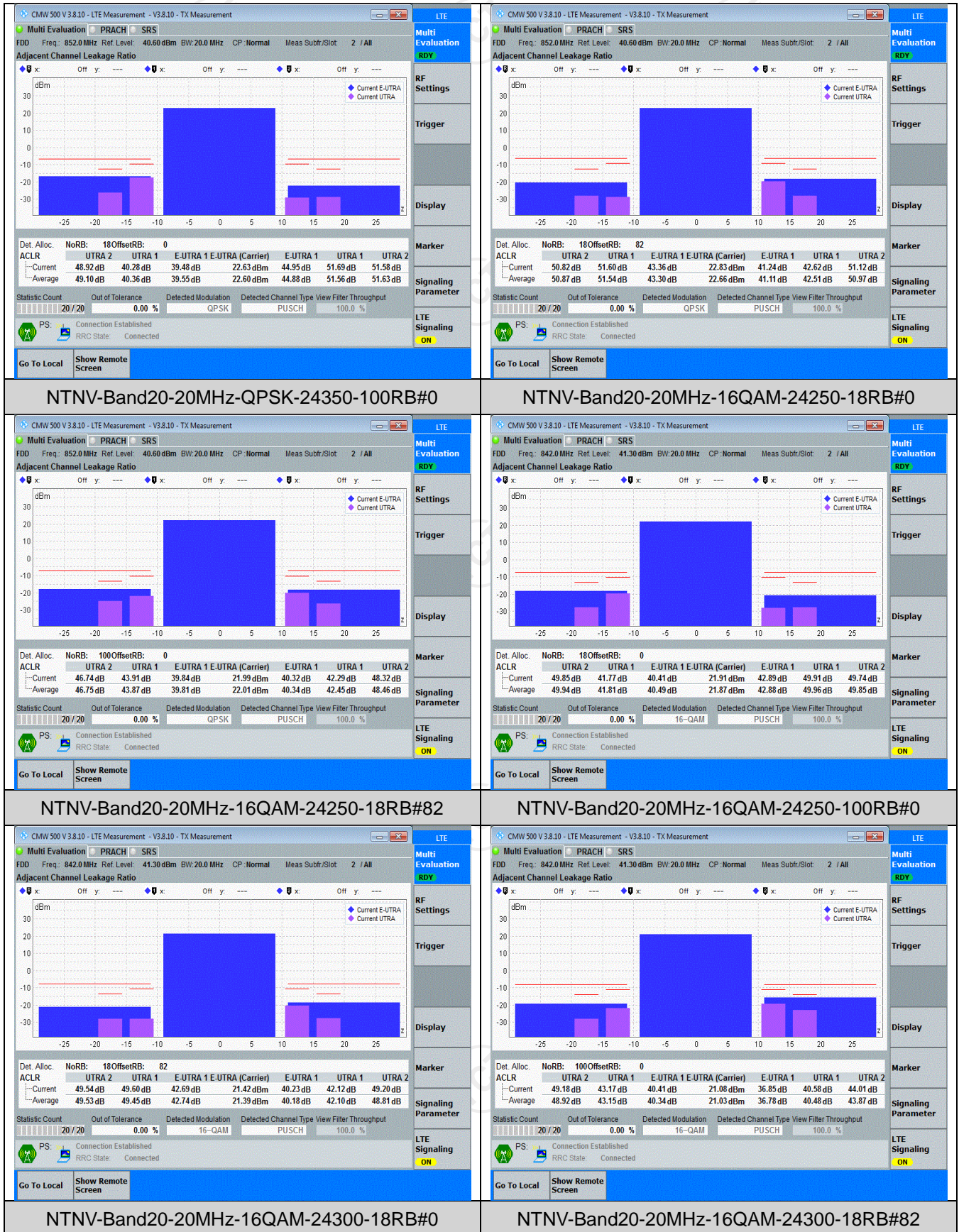




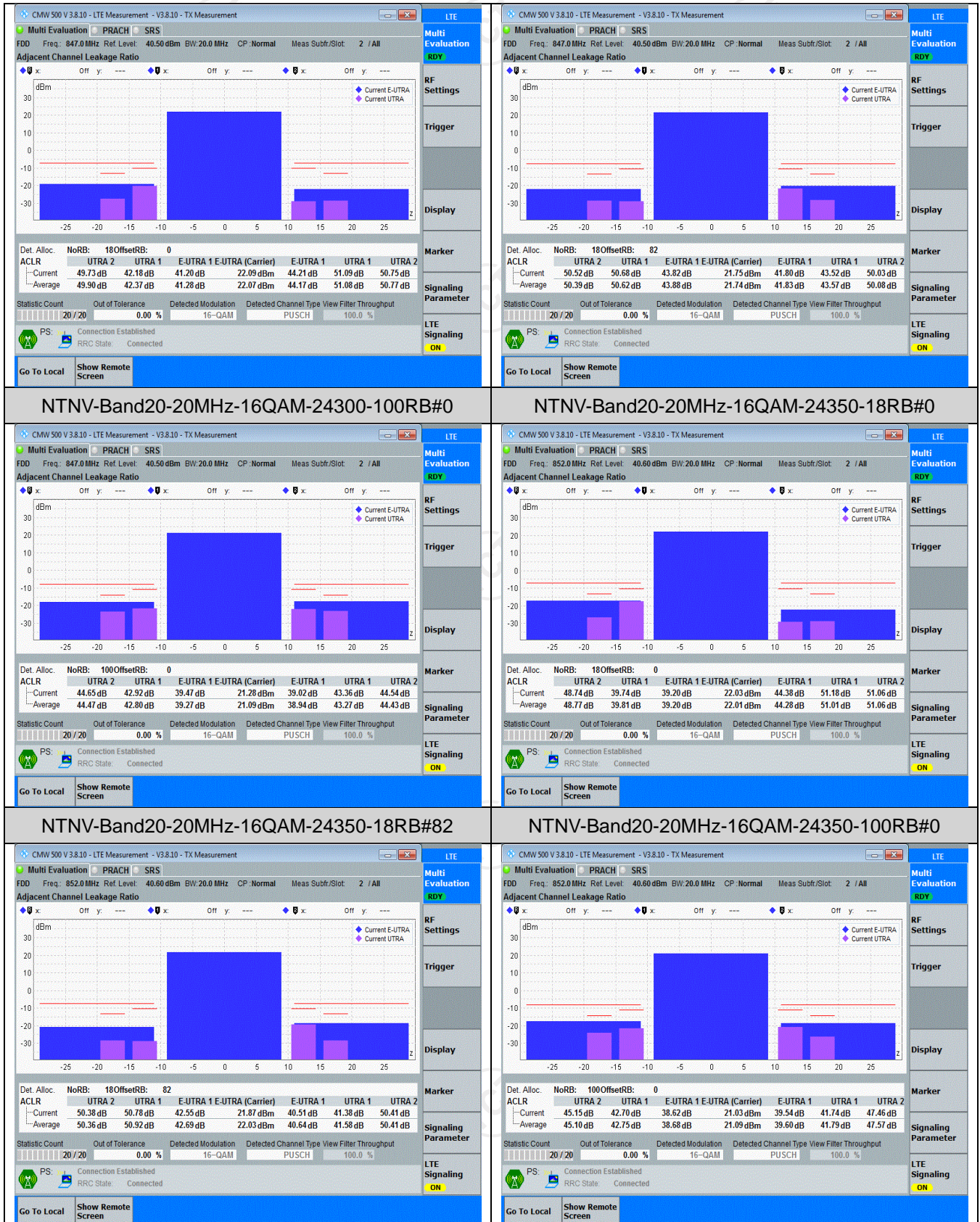














## Transmitter Spurious Emissions

### Test Result- General

Condition	Band	Channel Bandwidth	Modulation	Channel	RB Configure	TestFrequency	Result (dBm)	Verdict
NTNV	Band20	5MHz	QPSK	24175	1RB#0	0.009~0.15	-65.77	PASS
NTNV	Band20	5MHz	QPSK	24175	1RB#0	0.15~30	-71.12	PASS
NTNV	Band20	5MHz	QPSK	24175	1RB#0	30~821.95	-50.57	PASS
NTNV	Band20	5MHz	QPSK	24175	1RB#0	847.05~1000	-63.39	PASS
NTNV	Band20	5MHz	QPSK	24175	1RB#0	1000~3000	-40.59	PASS
NTNV	Band20	5MHz	QPSK	24175	1RB#0	3000~12750	-46.26	PASS
NTNV	Band20	5MHz	QPSK	24175	1RB#24	0.009~0.15	-64.82	PASS
NTNV	Band20	5MHz	QPSK	24175	1RB#24	0.15~30	-71.27	PASS
NTNV	Band20	5MHz	QPSK	24175	1RB#24	30~821.95	-50.46	PASS
NTNV	Band20	5MHz	QPSK	24175	1RB#24	847.05~1000	-62.28	PASS
NTNV	Band20	5MHz	QPSK	24175	1RB#24	1000~3000	-39.80	PASS
NTNV	Band20	5MHz	QPSK	24175	1RB#24	3000~12750	-46.12	PASS
NTNV	Band20	5MHz	QPSK	24175	25RB#0	0.009~0.15	-64.60	PASS
NTNV	Band20	5MHz	QPSK	24175	25RB#0	0.15~30	-69.97	PASS
NTNV	Band20	5MHz	QPSK	24175	25RB#0	30~821.95	-49.86	PASS
NTNV	Band20	5MHz	QPSK	24175	25RB#0	847.05~1000	-59.03	PASS
NTNV	Band20	5MHz	QPSK	24175	25RB#0	1000~3000	-52.88	PASS
NTNV	Band20	5MHz	QPSK	24175	25RB#0	3000~12750	-45.94	PASS
NTNV	Band20	5MHz	QPSK	24300	1RB#0	0.009~0.15	-64.43	PASS
NTNV	Band20	5MHz	QPSK	24300	1RB#0	0.15~30	-70.99	PASS
NTNV	Band20	5MHz	QPSK	24300	1RB#0	30~834.45	-50.86	PASS
NTNV	Band20	5MHz	QPSK	24300	1RB#0	859.55~1000	-61.79	PASS
NTNV	Band20	5MHz	QPSK	24300	1RB#0	1000~3000	-39.37	PASS
NTNV	Band20	5MHz	QPSK	24300	1RB#0	3000~12750	-45.47	PASS
NTNV	Band20	5MHz	QPSK	24300	1RB#24	0.009~0.15	-65.19	PASS
NTNV	Band20	5MHz	QPSK	24300	1RB#24	0.15~30	-70.95	PASS
NTNV	Band20	5MHz	QPSK	24300	1RB#24	30~834.45	-50.65	PASS
NTNV	Band20	5MHz	QPSK	24300	1RB#24	859.55~1000	-67.66	PASS
NTNV	Band20	5MHz	QPSK	24300	1RB#24	1000~3000	-39.46	PASS
NTNV	Band20	5MHz	QPSK	24300	1RB#24	3000~12750	-45.96	PASS
NTNV	Band20	5MHz	QPSK	24300	25RB#0	0.009~0.15	-64.07	PASS
NTNV	Band20	5MHz	QPSK	24300	25RB#0	0.15~30	-71.34	PASS
NTNV	Band20	5MHz	QPSK	24300	25RB#0	30~834.45	-50.62	PASS

NTNV	Band20	5MHz	QPSK	24300	25RB#0	859.55~1000	-59.01	PASS
NTNV	Band20	5MHz	QPSK	24300	25RB#0	1000~3000	-51.15	PASS
NTNV	Band20	5MHz	QPSK	24300	25RB#0	3000~12750	-46.18	PASS
NTNV	Band20	5MHz	QPSK	24425	1RB#0	0.009~0.15	-64.83	PASS
NTNV	Band20	5MHz	QPSK	24425	1RB#0	0.15~30	-71.39	PASS
NTNV	Band20	5MHz	QPSK	24425	1RB#0	30~846.95	-50.02	PASS
NTNV	Band20	5MHz	QPSK	24425	1RB#0	872.05~1000	-68.04	PASS
NTNV	Band20	5MHz	QPSK	24425	1RB#0	1000~3000	-37.65	PASS
NTNV	Band20	5MHz	QPSK	24425	1RB#0	3000~12750	-46.61	PASS
NTNV	Band20	5MHz	QPSK	24425	1RB#24	0.009~0.15	-63.32	PASS
NTNV	Band20	5MHz	QPSK	24425	1RB#24	0.15~30	-71.11	PASS
NTNV	Band20	5MHz	QPSK	24425	1RB#24	30~846.95	-50.98	PASS
NTNV	Band20	5MHz	QPSK	24425	1RB#24	872.05~1000	-67.62	PASS
NTNV	Band20	5MHz	QPSK	24425	1RB#24	1000~3000	-36.93	PASS
NTNV	Band20	5MHz	QPSK	24425	1RB#24	3000~12750	-46.37	PASS
NTNV	Band20	5MHz	QPSK	24425	25RB#0	0.009~0.15	-64.70	PASS
NTNV	Band20	5MHz	QPSK	24425	25RB#0	0.15~30	-71.11	PASS
NTNV	Band20	5MHz	QPSK	24425	25RB#0	30~846.95	-51.57	PASS
NTNV	Band20	5MHz	QPSK	24425	25RB#0	872.05~1000	-67.91	PASS
NTNV	Band20	5MHz	QPSK	24425	25RB#0	1000~3000	-48.88	PASS
NTNV	Band20	5MHz	QPSK	24425	25RB#0	3000~12750	-46.57	PASS
NTNV	Band20	5MHz	16QAM	24175	1RB#0	0.009~0.15	-65.72	PASS
NTNV	Band20	5MHz	16QAM	24175	1RB#0	0.15~30	-71.57	PASS
NTNV	Band20	5MHz	16QAM	24175	1RB#0	30~821.95	-49.60	PASS
NTNV	Band20	5MHz	16QAM	24175	1RB#0	847.05~1000	-63.37	PASS
NTNV	Band20	5MHz	16QAM	24175	1RB#0	1000~3000	-42.70	PASS
NTNV	Band20	5MHz	16QAM	24175	1RB#0	3000~12750	-45.94	PASS
NTNV	Band20	5MHz	16QAM	24175	1RB#24	0.009~0.15	-65.37	PASS
NTNV	Band20	5MHz	16QAM	24175	1RB#24	0.15~30	-71.23	PASS
NTNV	Band20	5MHz	16QAM	24175	1RB#24	30~821.95	-49.96	PASS
NTNV	Band20	5MHz	16QAM	24175	1RB#24	847.05~1000	-63.15	PASS
NTNV	Band20	5MHz	16QAM	24175	1RB#24	1000~3000	-42.02	PASS
NTNV	Band20	5MHz	16QAM	24175	1RB#24	3000~12750	-46.38	PASS
NTNV	Band20	5MHz	16QAM	24175	25RB#0	0.009~0.15	-67.17	PASS
NTNV	Band20	5MHz	16QAM	24175	25RB#0	0.15~30	-70.74	PASS
NTNV	Band20	5MHz	16QAM	24175	25RB#0	30~821.95	-49.71	PASS
NTNV	Band20	5MHz	16QAM	24175	25RB#0	847.05~1000	-61.75	PASS
NTNV	Band20	5MHz	16QAM	24175	25RB#0	1000~3000	-53.31	PASS

NTNV	Band20	5MHz	16QAM	24175	25RB#0	3000~12750	-46.25	PASS
NTNV	Band20	5MHz	16QAM	24300	1RB#0	0.009~0.15	-62.81	PASS
NTNV	Band20	5MHz	16QAM	24300	1RB#0	0.15~30	-70.96	PASS
NTNV	Band20	5MHz	16QAM	24300	1RB#0	30~834.45	-50.52	PASS
NTNV	Band20	5MHz	16QAM	24300	1RB#0	859.55~1000	-65.10	PASS
NTNV	Band20	5MHz	16QAM	24300	1RB#0	1000~3000	-39.87	PASS
NTNV	Band20	5MHz	16QAM	24300	1RB#0	3000~12750	-45.69	PASS
NTNV	Band20	5MHz	16QAM	24300	1RB#24	0.009~0.15	-64.61	PASS
NTNV	Band20	5MHz	16QAM	24300	1RB#24	0.15~30	-71.44	PASS
NTNV	Band20	5MHz	16QAM	24300	1RB#24	30~834.45	-49.87	PASS
NTNV	Band20	5MHz	16QAM	24300	1RB#24	859.55~1000	-67.52	PASS
NTNV	Band20	5MHz	16QAM	24300	1RB#24	1000~3000	-38.58	PASS
NTNV	Band20	5MHz	16QAM	24300	1RB#24	3000~12750	-46.80	PASS
NTNV	Band20	5MHz	16QAM	24300	25RB#0	0.009~0.15	-65.50	PASS
NTNV	Band20	5MHz	16QAM	24300	25RB#0	0.15~30	-71.03	PASS
NTNV	Band20	5MHz	16QAM	24300	25RB#0	30~834.45	-49.87	PASS
NTNV	Band20	5MHz	16QAM	24300	25RB#0	859.55~1000	-59.34	PASS
NTNV	Band20	5MHz	16QAM	24300	25RB#0	1000~3000	-51.42	PASS
NTNV	Band20	5MHz	16QAM	24300	25RB#0	3000~12750	-46.21	PASS
NTNV	Band20	5MHz	16QAM	24425	1RB#0	0.009~0.15	-65.91	PASS
NTNV	Band20	5MHz	16QAM	24425	1RB#0	0.15~30	-71.57	PASS
NTNV	Band20	5MHz	16QAM	24425	1RB#0	30~846.95	-50.99	PASS
NTNV	Band20	5MHz	16QAM	24425	1RB#0	872.05~1000	-67.68	PASS
NTNV	Band20	5MHz	16QAM	24425	1RB#0	1000~3000	-38.80	PASS
NTNV	Band20	5MHz	16QAM	24425	1RB#0	3000~12750	-46.36	PASS
NTNV	Band20	5MHz	16QAM	24425	1RB#24	0.009~0.15	-63.92	PASS
NTNV	Band20	5MHz	16QAM	24425	1RB#24	0.15~30	-70.66	PASS
NTNV	Band20	5MHz	16QAM	24425	1RB#24	30~846.95	-50.58	PASS
NTNV	Band20	5MHz	16QAM	24425	1RB#24	872.05~1000	-67.75	PASS
NTNV	Band20	5MHz	16QAM	24425	1RB#24	1000~3000	-38.06	PASS
NTNV	Band20	5MHz	16QAM	24425	1RB#24	3000~12750	-46.49	PASS
NTNV	Band20	5MHz	16QAM	24425	25RB#0	0.009~0.15	-63.85	PASS
NTNV	Band20	5MHz	16QAM	24425	25RB#0	0.15~30	-71.39	PASS
NTNV	Band20	5MHz	16QAM	24425	25RB#0	30~846.95	-50.38	PASS
NTNV	Band20	5MHz	16QAM	24425	25RB#0	872.05~1000	-67.29	PASS
NTNV	Band20	5MHz	16QAM	24425	25RB#0	1000~3000	-48.82	PASS
NTNV	Band20	5MHz	16QAM	24425	25RB#0	3000~12750	-45.98	PASS



### Test Result- Co-existence

Band	Channel Bandwidth	Modulation	Channel	RB Configure	TestFrequency (MHz)	Max. Point		Limit (dBm)	Verdict
						Freq. (MHz)	Result (dBm)		
Band20	5MHz	QPSK	24175	1RB#0	758~788	768.08	-51.59	-50	PASS
Band20	5MHz	QPSK	24175	1RB#0	791~821	793.58	-54.00	-50	PASS
Band20	5MHz	QPSK	24175	1RB#0	925~960	929.55	-66.80	-50	PASS
Band20	5MHz	QPSK	24175	1RB#0	1452~1496	1484.69	-68.55	-50	PASS
Band20	5MHz	QPSK	24175	1RB#0	1805~1880	1867.85	-65.87	-50	PASS
Band20	5MHz	QPSK	24175	1RB#0	1900~1920	1915.42	-65.39	-50	PASS
Band20	5MHz	QPSK	24175	1RB#0	2010~2025	2021.66	-64.96	-50	PASS
Band20	5MHz	QPSK	24175	1RB#0	2110~2170	2116.36	-64.77	-50	PASS
Band20	5MHz	QPSK	24175	1RB#0	2300~2400	2315.2	-66.67	-50	PASS
Band20	5MHz	QPSK	24175	1RB#0	2570~2620	2573.95	-67.25	-50	PASS
Band20	5MHz	QPSK	24175	1RB#0	2620~2690	2673.13	-64.66	-50	PASS
Band20	5MHz	QPSK	24175	1RB#0	3400~3600	3521.2	-65.11	-50	PASS
Band20	5MHz	QPSK	24175	1RB#0	3510~3590	3588.88	-66.23	-50	PASS
Band20	5MHz	QPSK	24175	1RB#0	3600~3800	3600	-56.82	-50	PASS
Band20	5MHz	QPSK	24175	1RB#24	758~788	785.39	-51.67	-50	PASS
Band20	5MHz	QPSK	24175	1RB#24	791~821	793.52	-54.13	-50	PASS
Band20	5MHz	QPSK	24175	1RB#24	925~960	954.58	-66.75	-50	PASS
Band20	5MHz	QPSK	24175	1RB#24	1452~1496	1463.13	-68.54	-50	PASS
Band20	5MHz	QPSK	24175	1RB#24	1805~1880	1878.05	-65.98	-50	PASS
Band20	5MHz	QPSK	24175	1RB#24	1900~1920	1919.52	-65.38	-50	PASS
Band20	5MHz	QPSK	24175	1RB#24	2010~2025	2022.24	-64.94	-50	PASS
Band20	5MHz	QPSK	24175	1RB#24	2110~2170	2111.32	-64.80	-50	PASS
Band20	5MHz	QPSK	24175	1RB#24	2300~2400	2315	-66.64	-50	PASS
Band20	5MHz	QPSK	24175	1RB#24	2570~2620	2618.95	-67.19	-50	PASS
Band20	5MHz	QPSK	24175	1RB#24	2620~2690	2664.87	-64.73	-50	PASS
Band20	5MHz	QPSK	24175	1RB#24	3400~3600	3557.2	-66.88	-50	PASS
Band20	5MHz	QPSK	24175	1RB#24	3510~3590	3586.16	-66.22	-50	PASS
Band20	5MHz	QPSK	24175	1RB#24	3600~3800	3600	-56.97	-50	PASS
Band20	5MHz	QPSK	24175	25RB#0	758~788	776.69	-52.22	-50	PASS
Band20	5MHz	QPSK	24175	25RB#0	791~821	793.58	-54.12	-50	PASS
Band20	5MHz	QPSK	24175	25RB#0	925~960	958.95	-67.13	-50	PASS
Band20	5MHz	QPSK	24175	25RB#0	1452~1496	1473.47	-68.92	-50	PASS

Band20	5MHz	QPSK	24175	25RB#0	1805~1880	1873.1	-66.38	-50	PASS
Band20	5MHz	QPSK	24175	25RB#0	1900~1920	1917.7	-65.85	-50	PASS
Band20	5MHz	QPSK	24175	25RB#0	2010~2025	2021.28	-65.36	-50	PASS
Band20	5MHz	QPSK	24175	25RB#0	2110~2170	2112.1	-65.26	-50	PASS
Band20	5MHz	QPSK	24175	25RB#0	2300~2400	2305	-67.11	-50	PASS
Band20	5MHz	QPSK	24175	25RB#0	2570~2620	2594.45	-67.53	-50	PASS
Band20	5MHz	QPSK	24175	25RB#0	2620~2690	2675.86	-65.13	-50	PASS
Band20	5MHz	QPSK	24175	25RB#0	3400~3600	3599	-69.57	-50	PASS
Band20	5MHz	QPSK	24175	25RB#0	3510~3590	3590	-66.42	-50	PASS
Band20	5MHz	QPSK	24175	25RB#0	3600~3800	3600	-57.05	-50	PASS
Band20	5MHz	QPSK	24300	1RB#0	758~788	785.72	-61.33	-50	PASS
Band20	5MHz	QPSK	24300	1RB#0	791~821	806	-54.15	-50	PASS
Band20	5MHz	QPSK	24300	1RB#0	925~960	939.7	-66.50	-50	PASS
Band20	5MHz	QPSK	24300	1RB#0	1452~1496	1473.47	-68.38	-50	PASS
Band20	5MHz	QPSK	24300	1RB#0	1805~1880	1847.83	-65.69	-50	PASS
Band20	5MHz	QPSK	24300	1RB#0	1900~1920	1919.6	-65.42	-50	PASS
Band20	5MHz	QPSK	24300	1RB#0	2010~2025	2023.47	-64.82	-50	PASS
Band20	5MHz	QPSK	24300	1RB#0	2110~2170	2114.62	-64.87	-50	PASS
Band20	5MHz	QPSK	24300	1RB#0	2300~2400	2302.2	-66.68	-50	PASS
Band20	5MHz	QPSK	24300	1RB#0	2570~2620	2575.5	-67.10	-50	PASS
Band20	5MHz	QPSK	24300	1RB#0	2620~2690	2678.38	-64.79	-50	PASS
Band20	5MHz	QPSK	24300	1RB#0	3400~3600	3589.6	-68.99	-50	PASS
Band20	5MHz	QPSK	24300	1RB#0	3510~3590	3585.92	-66.12	-50	PASS
Band20	5MHz	QPSK	24300	1RB#0	3600~3800	3600	-57.12	-50	PASS
Band20	5MHz	QPSK	24300	1RB#24	758~788	762.29	-65.78	-50	PASS
Band20	5MHz	QPSK	24300	1RB#24	791~821	805.82	-54.25	-50	PASS
Band20	5MHz	QPSK	24300	1RB#24	925~960	932.53	-66.77	-50	PASS
Band20	5MHz	QPSK	24300	1RB#24	1452~1496	1465.6	-68.28	-50	PASS
Band20	5MHz	QPSK	24300	1RB#24	1805~1880	1872.35	-65.74	-50	PASS
Band20	5MHz	QPSK	24300	1RB#24	1900~1920	1917.84	-65.17	-50	PASS
Band20	5MHz	QPSK	24300	1RB#24	2010~2025	2024.46	-64.79	-50	PASS
Band20	5MHz	QPSK	24300	1RB#24	2110~2170	2110.54	-64.57	-50	PASS
Band20	5MHz	QPSK	24300	1RB#24	2300~2400	2308	-66.51	-50	PASS
Band20	5MHz	QPSK	24300	1RB#24	2570~2620	2613.45	-66.30	-50	PASS
Band20	5MHz	QPSK	24300	1RB#24	2620~2690	2677.75	-64.55	-50	PASS
Band20	5MHz	QPSK	24300	1RB#24	3400~3600	3405.2	-64.51	-50	PASS
Band20	5MHz	QPSK	24300	1RB#24	3510~3590	3589.68	-66.14	-50	PASS
Band20	5MHz	QPSK	24300	1RB#24	3600~3800	3600	-56.93	-50	PASS



Band20	5MHz	QPSK	24300	25RB#0	758~788	766.07	-65.35	-50	PASS
Band20	5MHz	QPSK	24300	25RB#0	791~821	806.06	-54.23	-50	PASS
Band20	5MHz	QPSK	24300	25RB#0	925~960	959.16	-67.39	-50	PASS
Band20	5MHz	QPSK	24300	25RB#0	1452~1496	1453.67	-68.89	-50	PASS
Band20	5MHz	QPSK	24300	25RB#0	1805~1880	1875.65	-66.42	-50	PASS
Band20	5MHz	QPSK	24300	25RB#0	1900~1920	1919.74	-65.87	-50	PASS
Band20	5MHz	QPSK	24300	25RB#0	2010~2025	2024.79	-65.30	-50	PASS
Band20	5MHz	QPSK	24300	25RB#0	2110~2170	2112.88	-65.16	-50	PASS
Band20	5MHz	QPSK	24300	25RB#0	2300~2400	2307.4	-67.07	-50	PASS
Band20	5MHz	QPSK	24300	25RB#0	2570~2620	2570.1	-67.07	-50	PASS
Band20	5MHz	QPSK	24300	25RB#0	2620~2690	2665.01	-65.14	-50	PASS
Band20	5MHz	QPSK	24300	25RB#0	3400~3600	3400.2	-60.38	-50	PASS
Band20	5MHz	QPSK	24300	25RB#0	3510~3590	3589.28	-66.36	-50	PASS
Band20	5MHz	QPSK	24300	25RB#0	3600~3800	3600	-57.06	-50	PASS
Band20	5MHz	QPSK	24425	1RB#0	758~788	770.51	-66.14	-50	PASS
Band20	5MHz	QPSK	24425	1RB#0	791~821	818.48	-53.31	-50	PASS
Band20	5MHz	QPSK	24425	1RB#0	925~960	925	-66.66	-50	PASS
Band20	5MHz	QPSK	24425	1RB#0	1452~1496	1470.96	-68.20	-50	PASS
Band20	5MHz	QPSK	24425	1RB#0	1805~1880	1863.8	-65.78	-50	PASS
Band20	5MHz	QPSK	24425	1RB#0	1900~1920	1911.42	-65.47	-50	PASS
Band20	5MHz	QPSK	24425	1RB#0	2010~2025	2017.74	-65.02	-50	PASS
Band20	5MHz	QPSK	24425	1RB#0	2110~2170	2119.12	-64.87	-50	PASS
Band20	5MHz	QPSK	24425	1RB#0	2300~2400	2325.3	-66.67	-50	PASS
Band20	5MHz	QPSK	24425	1RB#0	2570~2620	2572.1	-57.11	-50	PASS
Band20	5MHz	QPSK	24425	1RB#0	2620~2690	2679.22	-64.79	-50	PASS
Band20	5MHz	QPSK	24425	1RB#0	3400~3600	3429.2	-57.71	-50	PASS
Band20	5MHz	QPSK	24425	1RB#0	3510~3590	3587.52	-66.21	-50	PASS
Band20	5MHz	QPSK	24425	1RB#0	3600~3800	3600	-56.96	-50	PASS
Band20	5MHz	QPSK	24425	1RB#24	758~788	774.83	-66.45	-50	PASS
Band20	5MHz	QPSK	24425	1RB#24	791~821	818.51	-53.08	-50	PASS
Band20	5MHz	QPSK	24425	1RB#24	925~960	925.28	-66.74	-50	PASS
Band20	5MHz	QPSK	24425	1RB#24	1452~1496	1462.52	-68.52	-50	PASS
Band20	5MHz	QPSK	24425	1RB#24	1805~1880	1878.8	-65.97	-50	PASS
Band20	5MHz	QPSK	24425	1RB#24	1900~1920	1918.38	-65.45	-50	PASS
Band20	5MHz	QPSK	24425	1RB#24	2010~2025	2023.88	-65.06	-50	PASS
Band20	5MHz	QPSK	24425	1RB#24	2110~2170	2111.02	-64.77	-50	PASS
Band20	5MHz	QPSK	24425	1RB#24	2300~2400	2301.1	-66.75	-50	PASS
Band20	5MHz	QPSK	24425	1RB#24	2570~2620	2585.05	-57.15	-50	PASS



Band20	5MHz	QPSK	24425	1RB#24	2620~2690	2683.21	-64.81	-50	PASS
Band20	5MHz	QPSK	24425	1RB#24	3400~3600	3446.6	-57.99	-50	PASS
Band20	5MHz	QPSK	24425	1RB#24	3510~3590	3589.12	-66.16	-50	PASS
Band20	5MHz	QPSK	24425	1RB#24	3600~3800	3600	-56.87	-50	PASS
Band20	5MHz	QPSK	24425	25RB#0	758~788	759.68	-67.95	-50	PASS
Band20	5MHz	QPSK	24425	25RB#0	791~821	818.48	-53.39	-50	PASS
Band20	5MHz	QPSK	24425	25RB#0	925~960	941.21	-67.31	-50	PASS
Band20	5MHz	QPSK	24425	25RB#0	1452~1496	1490.5	-68.83	-50	PASS
Band20	5MHz	QPSK	24425	25RB#0	1805~1880	1879.7	-66.39	-50	PASS
Band20	5MHz	QPSK	24425	25RB#0	1900~1920	1917.64	-65.89	-50	PASS
Band20	5MHz	QPSK	24425	25RB#0	2010~2025	2022.42	-65.47	-50	PASS
Band20	5MHz	QPSK	24425	25RB#0	2110~2170	2136.16	-65.20	-50	PASS
Band20	5MHz	QPSK	24425	25RB#0	2300~2400	2303.4	-67.07	-50	PASS
Band20	5MHz	QPSK	24425	25RB#0	2570~2620	2578.75	-55.89	-50	PASS
Band20	5MHz	QPSK	24425	25RB#0	2620~2690	2676.56	-65.17	-50	PASS
Band20	5MHz	QPSK	24425	25RB#0	3400~3600	3438.2	-56.22	-50	PASS
Band20	5MHz	QPSK	24425	25RB#0	3510~3590	3589.44	-66.44	-50	PASS
Band20	5MHz	QPSK	24425	25RB#0	3600~3800	3600	-57.08	-50	PASS
Band20	5MHz	16QAM	24175	1RB#0	758~788	768.14	-52.37	-50	PASS
Band20	5MHz	16QAM	24175	1RB#0	791~821	793.7	-54.11	-50	PASS
Band20	5MHz	16QAM	24175	1RB#0	925~960	926.79	-67.33	-50	PASS
Band20	5MHz	16QAM	24175	1RB#0	1452~1496	1454.51	-68.99	-50	PASS
Band20	5MHz	16QAM	24175	1RB#0	1805~1880	1878.13	-66.43	-50	PASS
Band20	5MHz	16QAM	24175	1RB#0	1900~1920	1917.66	-65.79	-50	PASS
Band20	5MHz	16QAM	24175	1RB#0	2010~2025	2016.65	-65.45	-50	PASS
Band20	5MHz	16QAM	24175	1RB#0	2110~2170	2112.4	-65.22	-50	PASS
Band20	5MHz	16QAM	24175	1RB#0	2300~2400	2314.9	-67.11	-50	PASS
Band20	5MHz	16QAM	24175	1RB#0	2570~2620	2594.45	-67.70	-50	PASS
Band20	5MHz	16QAM	24175	1RB#0	2620~2690	2676.28	-65.19	-50	PASS
Band20	5MHz	16QAM	24175	1RB#0	3400~3600	3521.2	-65.88	-50	PASS
Band20	5MHz	16QAM	24175	1RB#0	3510~3590	3585.92	-66.42	-50	PASS
Band20	5MHz	16QAM	24175	1RB#0	3600~3800	3600	-57.06	-50	PASS
Band20	5MHz	16QAM	24175	1RB#24	758~788	785.42	-51.89	-50	PASS
Band20	5MHz	16QAM	24175	1RB#24	791~821	793.61	-54.26	-50	PASS
Band20	5MHz	16QAM	24175	1RB#24	925~960	954.65	-67.41	-50	PASS
Band20	5MHz	16QAM	24175	1RB#24	1452~1496	1483.06	-68.99	-50	PASS
Band20	5MHz	16QAM	24175	1RB#24	1805~1880	1865	-66.39	-50	PASS
Band20	5MHz	16QAM	24175	1RB#24	1900~1920	1919.28	-65.82	-50	PASS



Band20	5MHz	16QAM	24175	1RB#24	2010~2025	2020.52	-65.21	-50	PASS
Band20	5MHz	16QAM	24175	1RB#24	2110~2170	2115.58	-65.06	-50	PASS
Band20	5MHz	16QAM	24175	1RB#24	2300~2400	2301.3	-67.02	-50	PASS
Band20	5MHz	16QAM	24175	1RB#24	2570~2620	2601.25	-67.54	-50	PASS
Band20	5MHz	16QAM	24175	1RB#24	2620~2690	2682.09	-64.96	-50	PASS
Band20	5MHz	16QAM	24175	1RB#24	3400~3600	3557.2	-67.64	-50	PASS
Band20	5MHz	16QAM	24175	1RB#24	3510~3590	3589.36	-66.37	-50	PASS
Band20	5MHz	16QAM	24175	1RB#24	3600~3800	3600	-56.78	-50	PASS
Band20	5MHz	16QAM	24175	25RB#0	758~788	776.87	-54.77	-50	PASS
Band20	5MHz	16QAM	24175	25RB#0	791~821	793.55	-54.21	-50	PASS
Band20	5MHz	16QAM	24175	25RB#0	925~960	945.86	-68.03	-50	PASS
Band20	5MHz	16QAM	24175	25RB#0	1452~1496	1472.37	-69.51	-50	PASS
Band20	5MHz	16QAM	24175	25RB#0	1805~1880	1879.7	-67.07	-50	PASS
Band20	5MHz	16QAM	24175	25RB#0	1900~1920	1916.34	-66.56	-50	PASS
Band20	5MHz	16QAM	24175	25RB#0	2010~2025	2024	-66.09	-50	PASS
Band20	5MHz	16QAM	24175	25RB#0	2110~2170	2120.62	-66.03	-50	PASS
Band20	5MHz	16QAM	24175	25RB#0	2300~2400	2304.5	-67.71	-50	PASS
Band20	5MHz	16QAM	24175	25RB#0	2570~2620	2613.4	-67.66	-50	PASS
Band20	5MHz	16QAM	24175	25RB#0	2620~2690	2671.73	-65.82	-50	PASS
Band20	5MHz	16QAM	24175	25RB#0	3400~3600	3594.8	-70.53	-50	PASS
Band20	5MHz	16QAM	24175	25RB#0	3510~3590	3589.92	-66.69	-50	PASS
Band20	5MHz	16QAM	24175	25RB#0	3600~3800	3600	-56.84	-50	PASS
Band20	5MHz	16QAM	24300	1RB#0	758~788	785.72	-62.32	-50	PASS
Band20	5MHz	16QAM	24300	1RB#0	791~821	805.94	-54.39	-50	PASS
Band20	5MHz	16QAM	24300	1RB#0	925~960	956.68	-67.61	-50	PASS
Band20	5MHz	16QAM	24300	1RB#0	1452~1496	1470	-69.02	-50	PASS
Band20	5MHz	16QAM	24300	1RB#0	1805~1880	1877.83	-66.42	-50	PASS
Band20	5MHz	16QAM	24300	1RB#0	1900~1920	1915.12	-65.84	-50	PASS
Band20	5MHz	16QAM	24300	1RB#0	2010~2025	2022.32	-65.40	-50	PASS
Band20	5MHz	16QAM	24300	1RB#0	2110~2170	2140.78	-65.27	-50	PASS
Band20	5MHz	16QAM	24300	1RB#0	2300~2400	2306	-67.07	-50	PASS
Band20	5MHz	16QAM	24300	1RB#0	2570~2620	2612.65	-67.39	-50	PASS
Band20	5MHz	16QAM	24300	1RB#0	2620~2690	2682.44	-65.13	-50	PASS
Band20	5MHz	16QAM	24300	1RB#0	3400~3600	3600	-69.42	-50	PASS
Band20	5MHz	16QAM	24300	1RB#0	3510~3590	3586.64	-66.43	-50	PASS
Band20	5MHz	16QAM	24300	1RB#0	3600~3800	3600	-57.20	-50	PASS
Band20	5MHz	16QAM	24300	1RB#24	758~788	762.32	-66.41	-50	PASS
Band20	5MHz	16QAM	24300	1RB#24	791~821	806.09	-54.33	-50	PASS



Band20	5MHz	16QAM	24300	1RB#24	925~960	946.46	-67.56	-50	PASS
Band20	5MHz	16QAM	24300	1RB#24	1452~1496	1463.26	-68.92	-50	PASS
Band20	5MHz	16QAM	24300	1RB#24	1805~1880	1829.6	-66.40	-50	PASS
Band20	5MHz	16QAM	24300	1RB#24	1900~1920	1917.88	-65.81	-50	PASS
Band20	5MHz	16QAM	24300	1RB#24	2010~2025	2023.47	-65.36	-50	PASS
Band20	5MHz	16QAM	24300	1RB#24	2110~2170	2135.08	-65.14	-50	PASS
Band20	5MHz	16QAM	24300	1RB#24	2300~2400	2311.3	-66.98	-50	PASS
Band20	5MHz	16QAM	24300	1RB#24	2570~2620	2618.25	-67.28	-50	PASS
Band20	5MHz	16QAM	24300	1RB#24	2620~2690	2668.93	-65.15	-50	PASS
Band20	5MHz	16QAM	24300	1RB#24	3400~3600	3405.4	-65.12	-50	PASS
Band20	5MHz	16QAM	24300	1RB#24	3510~3590	3588	-66.36	-50	PASS
Band20	5MHz	16QAM	24300	1RB#24	3600~3800	3600	-56.86	-50	PASS
Band20	5MHz	16QAM	24300	25RB#0	758~788	765.08	-67.13	-50	PASS
Band20	5MHz	16QAM	24300	25RB#0	791~821	806	-54.37	-50	PASS
Band20	5MHz	16QAM	24300	25RB#0	925~960	937.25	-68.15	-50	PASS
Band20	5MHz	16QAM	24300	25RB#0	1452~1496	1467.97	-69.57	-50	PASS
Band20	5MHz	16QAM	24300	25RB#0	1805~1880	1878.58	-67.10	-50	PASS
Band20	5MHz	16QAM	24300	25RB#0	1900~1920	1919.2	-66.61	-50	PASS
Band20	5MHz	16QAM	24300	25RB#0	2010~2025	2024.97	-66.08	-50	PASS
Band20	5MHz	16QAM	24300	25RB#0	2110~2170	2112.46	-66.04	-50	PASS
Band20	5MHz	16QAM	24300	25RB#0	2300~2400	2311.1	-67.70	-50	PASS
Band20	5MHz	16QAM	24300	25RB#0	2570~2620	2613.15	-67.87	-50	PASS
Band20	5MHz	16QAM	24300	25RB#0	2620~2690	2678.45	-65.83	-50	PASS
Band20	5MHz	16QAM	24300	25RB#0	3400~3600	3400	-63.49	-50	PASS
Band20	5MHz	16QAM	24300	25RB#0	3510~3590	3587.36	-66.66	-50	PASS
Band20	5MHz	16QAM	24300	25RB#0	3600~3800	3600	-56.83	-50	PASS
Band20	5MHz	16QAM	24425	1RB#0	758~788	770.48	-66.72	-50	PASS
Band20	5MHz	16QAM	24425	1RB#0	791~821	818.57	-53.35	-50	PASS
Band20	5MHz	16QAM	24425	1RB#0	925~960	925.67	-67.59	-50	PASS
Band20	5MHz	16QAM	24425	1RB#0	1452~1496	1464.32	-69.16	-50	PASS
Band20	5MHz	16QAM	24425	1RB#0	1805~1880	1879.03	-66.64	-50	PASS
Band20	5MHz	16QAM	24425	1RB#0	1900~1920	1904.76	-66.09	-50	PASS
Band20	5MHz	16QAM	24425	1RB#0	2010~2025	2022.66	-65.71	-50	PASS
Band20	5MHz	16QAM	24425	1RB#0	2110~2170	2145.04	-65.43	-50	PASS
Band20	5MHz	16QAM	24425	1RB#0	2300~2400	2323.6	-67.16	-50	PASS
Band20	5MHz	16QAM	24425	1RB#0	2570~2620	2572	-58.17	-50	PASS
Band20	5MHz	16QAM	24425	1RB#0	2620~2690	2685.38	-65.36	-50	PASS
Band20	5MHz	16QAM	24425	1RB#0	3400~3600	3429.4	-58.49	-50	PASS

Band20	5MHz	16QAM	24425	1RB#0	3510~3590	3587.44	-66.32	-50	PASS
Band20	5MHz	16QAM	24425	1RB#0	3600~3800	3600	-57.13	-50	PASS
Band20	5MHz	16QAM	24425	1RB#24	758~788	774.83	-66.57	-50	PASS
Band20	5MHz	16QAM	24425	1RB#24	791~821	818.42	-53.39	-50	PASS
Band20	5MHz	16QAM	24425	1RB#24	925~960	925.88	-67.51	-50	PASS
Band20	5MHz	16QAM	24425	1RB#24	1452~1496	1452.62	-69.13	-50	PASS
Band20	5MHz	16QAM	24425	1RB#24	1805~1880	1879.78	-66.53	-50	PASS
Band20	5MHz	16QAM	24425	1RB#24	1900~1920	1915.52	-66.11	-50	PASS
Band20	5MHz	16QAM	24425	1RB#24	2010~2025	2024.12	-65.65	-50	PASS
Band20	5MHz	16QAM	24425	1RB#24	2110~2170	2116.24	-65.45	-50	PASS
Band20	5MHz	16QAM	24425	1RB#24	2300~2400	2305.1	-67.25	-50	PASS
Band20	5MHz	16QAM	24425	1RB#24	2570~2620	2585	-58.18	-50	PASS
Band20	5MHz	16QAM	24425	1RB#24	2620~2690	2685.24	-65.30	-50	PASS
Band20	5MHz	16QAM	24425	1RB#24	3400~3600	3446.8	-58.98	-50	PASS
Band20	5MHz	16QAM	24425	1RB#24	3510~3590	3587.6	-66.46	-50	PASS
Band20	5MHz	16QAM	24425	1RB#24	3600~3800	3600	-57.10	-50	PASS
Band20	5MHz	16QAM	24425	25RB#0	758~788	760.64	-68.75	-50	PASS
Band20	5MHz	16QAM	24425	25RB#0	791~821	818.51	-53.45	-50	PASS
Band20	5MHz	16QAM	24425	25RB#0	925~960	927.07	-68.15	-50	PASS
Band20	5MHz	16QAM	24425	25RB#0	1452~1496	1453.76	-69.60	-50	PASS
Band20	5MHz	16QAM	24425	25RB#0	1805~1880	1878.8	-67.05	-50	PASS
Band20	5MHz	16QAM	24425	25RB#0	1900~1920	1914.52	-66.49	-50	PASS
Band20	5MHz	16QAM	24425	25RB#0	2010~2025	2019.15	-66.21	-50	PASS
Band20	5MHz	16QAM	24425	25RB#0	2110~2170	2114.5	-65.99	-50	PASS
Band20	5MHz	16QAM	24425	25RB#0	2300~2400	2313.8	-67.63	-50	PASS
Band20	5MHz	16QAM	24425	25RB#0	2570~2620	2578.75	-57.08	-50	PASS
Band20	5MHz	16QAM	24425	25RB#0	2620~2690	2674.67	-65.77	-50	PASS
Band20	5MHz	16QAM	24425	25RB#0	3400~3600	3438	-58.34	-50	PASS
Band20	5MHz	16QAM	24425	25RB#0	3510~3590	3583.2	-66.68	-50	PASS
Band20	5MHz	16QAM	24425	25RB#0	3600~3800	3600	-57.00	-50	PASS
Band20	20MHz	QPSK	24250	1RB#0	758~788	771.11	-51.98	-50	PASS
Band20	20MHz	QPSK	24250	1RB#0	791~821	792.26	-54.95	-50	PASS
Band20	20MHz	QPSK	24250	1RB#0	925~960	959.41	-66.94	-50	PASS
Band20	20MHz	QPSK	24250	1RB#0	1452~1496	1463.22	-68.64	-50	PASS
Band20	20MHz	QPSK	24250	1RB#0	1805~1880	1877.75	-66.12	-50	PASS
Band20	20MHz	QPSK	24250	1RB#0	1900~1920	1918.4	-65.60	-50	PASS
Band20	20MHz	QPSK	24250	1RB#0	2010~2025	2023.7	-65.18	-50	PASS
Band20	20MHz	QPSK	24250	1RB#0	2110~2170	2111.5	-65.01	-50	PASS



Band20	20MHz	QPSK	24250	1RB#0	2300~2400	2322.4	-66.91	-50	PASS
Band20	20MHz	QPSK	24250	1RB#0	2570~2620	2589.35	-67.38	-50	PASS
Band20	20MHz	QPSK	24250	1RB#0	2620~2690	2679.22	-65.02	-50	PASS
Band20	20MHz	QPSK	24250	1RB#0	3400~3600	3527.4	-65.01	-50	PASS
Band20	20MHz	QPSK	24250	1RB#0	3510~3590	3589.84	-66.40	-50	PASS
Band20	20MHz	QPSK	24250	1RB#0	3600~3800	3600	-61.44	-50	PASS
Band20	20MHz	QPSK	24250	1RB#99	758~788	764.06	-65.80	-50	PASS
Band20	20MHz	QPSK	24250	1RB#99	791~821	792.32	-55.00	-50	PASS
Band20	20MHz	QPSK	24250	1RB#99	925~960	937.18	-67.21	-50	PASS
Band20	20MHz	QPSK	24250	1RB#99	1452~1496	1466.08	-68.70	-50	PASS
Band20	20MHz	QPSK	24250	1RB#99	1805~1880	1864.63	-66.26	-50	PASS
Band20	20MHz	QPSK	24250	1RB#99	1900~1920	1919.5	-65.63	-50	PASS
Band20	20MHz	QPSK	24250	1RB#99	2010~2025	2024.19	-65.21	-50	PASS
Band20	20MHz	QPSK	24250	1RB#99	2110~2170	2112.04	-65.04	-50	PASS
Band20	20MHz	QPSK	24250	1RB#99	2300~2400	2305.4	-66.92	-50	PASS
Band20	20MHz	QPSK	24250	1RB#99	2570~2620	2570.55	-57.58	-50	PASS
Band20	20MHz	QPSK	24250	1RB#99	2620~2690	2668.09	-65.01	-50	PASS
Band20	20MHz	QPSK	24250	1RB#99	3400~3600	3403.6	-57.63	-50	PASS
Band20	20MHz	QPSK	24250	1RB#99	3510~3590	3587.92	-66.39	-50	PASS
Band20	20MHz	QPSK	24250	1RB#99	3600~3800	3600	-61.28	-50	PASS
Band20	20MHz	QPSK	24250	100RB#0	758~788	787.91	-59.18	-50	PASS
Band20	20MHz	QPSK	24250	100RB#0	791~821	820.94	-56.84	-50	PASS
Band20	20MHz	QPSK	24250	100RB#0	925~960	958.43	-67.35	-50	PASS
Band20	20MHz	QPSK	24250	100RB#0	1452~1496	1466.34	-68.94	-50	PASS
Band20	20MHz	QPSK	24250	100RB#0	1805~1880	1866.65	-66.52	-50	PASS
Band20	20MHz	QPSK	24250	100RB#0	1900~1920	1918.38	-65.96	-50	PASS
Band20	20MHz	QPSK	24250	100RB#0	2010~2025	2020.7	-65.47	-50	PASS
Band20	20MHz	QPSK	24250	100RB#0	2110~2170	2119.3	-65.38	-50	PASS
Band20	20MHz	QPSK	24250	100RB#0	2300~2400	2307	-67.18	-50	PASS
Band20	20MHz	QPSK	24250	100RB#0	2570~2620	2570	-54.94	-50	PASS
Band20	20MHz	QPSK	24250	100RB#0	2620~2690	2670.12	-65.32	-50	PASS
Band20	20MHz	QPSK	24250	100RB#0	3400~3600	3400	-57.47	-50	PASS
Band20	20MHz	QPSK	24250	100RB#0	3510~3590	3588	-66.52	-50	PASS
Band20	20MHz	QPSK	24250	100RB#0	3600~3800	3600	-60.92	-50	PASS
Band20	20MHz	QPSK	24300	1RB#0	758~788	775.49	-59.43	-50	PASS
Band20	20MHz	QPSK	24300	1RB#0	791~821	797.12	-52.57	-50	PASS
Band20	20MHz	QPSK	24300	1RB#0	925~960	955.49	-66.50	-50	PASS
Band20	20MHz	QPSK	24300	1RB#0	1452~1496	1462.96	-68.29	-50	PASS

Band20	20MHz	QPSK	24300	1RB#0	1805~1880	1869.8	-65.75	-50	PASS
Band20	20MHz	QPSK	24300	1RB#0	1900~1920	1918.54	-65.26	-50	PASS
Band20	20MHz	QPSK	24300	1RB#0	2010~2025	2024.25	-64.87	-50	PASS
Band20	20MHz	QPSK	24300	1RB#0	2110~2170	2120.32	-64.70	-50	PASS
Band20	20MHz	QPSK	24300	1RB#0	2300~2400	2306.1	-66.67	-50	PASS
Band20	20MHz	QPSK	24300	1RB#0	2570~2620	2583.4	-67.19	-50	PASS
Band20	20MHz	QPSK	24300	1RB#0	2620~2690	2674.11	-64.77	-50	PASS
Band20	20MHz	QPSK	24300	1RB#0	3400~3600	3569.2	-66.83	-50	PASS
Band20	20MHz	QPSK	24300	1RB#0	3510~3590	3588.08	-66.29	-50	PASS
Band20	20MHz	QPSK	24300	1RB#0	3600~3800	3600	-60.95	-50	PASS
Band20	20MHz	QPSK	24300	1RB#99	758~788	769.07	-66.22	-50	PASS
Band20	20MHz	QPSK	24300	1RB#99	791~821	797.12	-52.39	-50	PASS
Band20	20MHz	QPSK	24300	1RB#99	925~960	930.74	-66.90	-50	PASS
Band20	20MHz	QPSK	24300	1RB#99	1452~1496	1465.24	-68.42	-50	PASS
Band20	20MHz	QPSK	24300	1RB#99	1805~1880	1859.53	-65.93	-50	PASS
Band20	20MHz	QPSK	24300	1RB#99	1900~1920	1919.36	-65.41	-50	PASS
Band20	20MHz	QPSK	24300	1RB#99	2010~2025	2018.99	-65.00	-50	PASS
Band20	20MHz	QPSK	24300	1RB#99	2110~2170	2120.44	-64.84	-50	PASS
Band20	20MHz	QPSK	24300	1RB#99	2300~2400	2302.1	-66.65	-50	PASS
Band20	20MHz	QPSK	24300	1RB#99	2570~2620	2570	-53.97	-50	PASS
Band20	20MHz	QPSK	24300	1RB#99	2620~2690	2675.23	-65.02	-50	PASS
Band20	20MHz	QPSK	24300	1RB#99	3400~3600	3423.6	-57.57	-50	PASS
Band20	20MHz	QPSK	24300	1RB#99	3510~3590	3585.68	-66.35	-50	PASS
Band20	20MHz	QPSK	24300	1RB#99	3600~3800	3600	-60.21	-50	PASS
Band20	20MHz	QPSK	24300	100RB#0	758~788	783.23	-56.09	-50	PASS
Band20	20MHz	QPSK	24300	100RB#0	791~821	797.39	-52.43	-50	PASS
Band20	20MHz	QPSK	24300	100RB#0	925~960	925.7	-67.48	-50	PASS
Band20	20MHz	QPSK	24300	100RB#0	1452~1496	1465.33	-68.97	-50	PASS
Band20	20MHz	QPSK	24300	100RB#0	1805~1880	1875.05	-66.45	-50	PASS
Band20	20MHz	QPSK	24300	100RB#0	1900~1920	1916.72	-66.01	-50	PASS
Band20	20MHz	QPSK	24300	100RB#0	2010~2025	2022.23	-65.43	-50	PASS
Band20	20MHz	QPSK	24300	100RB#0	2110~2170	2116.6	-65.32	-50	PASS
Band20	20MHz	QPSK	24300	100RB#0	2300~2400	2309	-67.15	-50	PASS
Band20	20MHz	QPSK	24300	100RB#0	2570~2620	2570	-53.34	-50	PASS
Band20	20MHz	QPSK	24300	100RB#0	2620~2690	2677.4	-65.32	-50	PASS
Band20	20MHz	QPSK	24300	100RB#0	3400~3600	3406	-55.13	-50	PASS
Band20	20MHz	QPSK	24300	100RB#0	3510~3590	3588.16	-66.47	-50	PASS
Band20	20MHz	QPSK	24300	100RB#0	3600~3800	3600	-60.10	-50	PASS



Band20	20MHz	QPSK	24350	1RB#0	758~788	783.98	-60.25	-50	PASS
Band20	20MHz	QPSK	24350	1RB#0	791~821	811.07	-53.03	-50	PASS
Band20	20MHz	QPSK	24350	1RB#0	925~960	934.17	-65.56	-50	PASS
Band20	20MHz	QPSK	24350	1RB#0	1452~1496	1455.39	-68.37	-50	PASS
Band20	20MHz	QPSK	24350	1RB#0	1805~1880	1876.93	-65.73	-50	PASS
Band20	20MHz	QPSK	24350	1RB#0	1900~1920	1918.32	-65.21	-50	PASS
Band20	20MHz	QPSK	24350	1RB#0	2010~2025	2024.48	-64.66	-50	PASS
Band20	20MHz	QPSK	24350	1RB#0	2110~2170	2110.24	-64.64	-50	PASS
Band20	20MHz	QPSK	24350	1RB#0	2300~2400	2306.2	-66.42	-50	PASS
Band20	20MHz	QPSK	24350	1RB#0	2570~2620	2573.8	-67.09	-50	PASS
Band20	20MHz	QPSK	24350	1RB#0	2620~2690	2675.02	-64.67	-50	PASS
Band20	20MHz	QPSK	24350	1RB#0	3400~3600	3593.4	-68.95	-50	PASS
Band20	20MHz	QPSK	24350	1RB#0	3510~3590	3589.44	-66.16	-50	PASS
Band20	20MHz	QPSK	24350	1RB#0	3600~3800	3600	-59.65	-50	PASS
Band20	20MHz	QPSK	24350	1RB#99	758~788	774.08	-66.60	-50	PASS
Band20	20MHz	QPSK	24350	1RB#99	791~821	811.01	-53.07	-50	PASS
Band20	20MHz	QPSK	24350	1RB#99	925~960	925.46	-65.60	-50	PASS
Band20	20MHz	QPSK	24350	1RB#99	1452~1496	1462.3	-68.37	-50	PASS
Band20	20MHz	QPSK	24350	1RB#99	1805~1880	1880	-65.80	-50	PASS
Band20	20MHz	QPSK	24350	1RB#99	1900~1920	1919.9	-65.17	-50	PASS
Band20	20MHz	QPSK	24350	1RB#99	2010~2025	2015.84	-64.87	-50	PASS
Band20	20MHz	QPSK	24350	1RB#99	2110~2170	2110.78	-64.65	-50	PASS
Band20	20MHz	QPSK	24350	1RB#99	2300~2400	2306.6	-66.64	-50	PASS
Band20	20MHz	QPSK	24350	1RB#99	2570~2620	2582.75	-57.01	-50	PASS
Band20	20MHz	QPSK	24350	1RB#99	2620~2690	2674.67	-64.77	-50	PASS
Band20	20MHz	QPSK	24350	1RB#99	3400~3600	3443.6	-58.38	-50	PASS
Band20	20MHz	QPSK	24350	1RB#99	3510~3590	3583.52	-66.27	-50	PASS
Band20	20MHz	QPSK	24350	1RB#99	3600~3800	3600	-58.99	-50	PASS
Band20	20MHz	QPSK	24350	100RB#0	758~788	788	-53.15	-50	PASS
Band20	20MHz	QPSK	24350	100RB#0	791~821	811.13	-53.15	-50	PASS
Band20	20MHz	QPSK	24350	100RB#0	925~960	954.05	-66.16	-50	PASS
Band20	20MHz	QPSK	24350	100RB#0	1452~1496	1487.29	-68.74	-50	PASS
Band20	20MHz	QPSK	24350	100RB#0	1805~1880	1854.88	-66.20	-50	PASS
Band20	20MHz	QPSK	24350	100RB#0	1900~1920	1918.62	-65.84	-50	PASS
Band20	20MHz	QPSK	24350	100RB#0	2010~2025	2021.01	-65.35	-50	PASS
Band20	20MHz	QPSK	24350	100RB#0	2110~2170	2143.06	-65.15	-50	PASS
Band20	20MHz	QPSK	24350	100RB#0	2300~2400	2305.9	-67.01	-50	PASS
Band20	20MHz	QPSK	24350	100RB#0	2570~2620	2570.05	-51.47	-50	PASS

Band20	20MHz	QPSK	24350	100RB#0	2620~2690	2677.96	-65.04	-50	PASS
Band20	20MHz	QPSK	24350	100RB#0	3400~3600	3408	-57.69	-50	PASS
Band20	20MHz	QPSK	24350	100RB#0	3510~3590	3588.48	-66.46	-50	PASS
Band20	20MHz	QPSK	24350	100RB#0	3600~3800	3600	-58.89	-50	PASS
Band20	20MHz	16QAM	24250	1RB#0	758~788	771.02	-53.29	-50	PASS
Band20	20MHz	16QAM	24250	1RB#0	791~821	792.38	-55.25	-50	PASS
Band20	20MHz	16QAM	24250	1RB#0	925~960	958.81	-67.31	-50	PASS
Band20	20MHz	16QAM	24250	1RB#0	1452~1496	1453.41	-69.26	-50	PASS
Band20	20MHz	16QAM	24250	1RB#0	1805~1880	1840.85	-66.72	-50	PASS
Band20	20MHz	16QAM	24250	1RB#0	1900~1920	1919.16	-66.14	-50	PASS
Band20	20MHz	16QAM	24250	1RB#0	2010~2025	2020.61	-65.71	-50	PASS
Band20	20MHz	16QAM	24250	1RB#0	2110~2170	2120.74	-65.52	-50	PASS
Band20	20MHz	16QAM	24250	1RB#0	2300~2400	2306.1	-67.38	-50	PASS
Band20	20MHz	16QAM	24250	1RB#0	2570~2620	2581.55	-67.92	-50	PASS
Band20	20MHz	16QAM	24250	1RB#0	2620~2690	2674.88	-65.40	-50	PASS
Band20	20MHz	16QAM	24250	1RB#0	3400~3600	3527.6	-66.94	-50	PASS
Band20	20MHz	16QAM	24250	1RB#0	3510~3590	3588.4	-66.60	-50	PASS
Band20	20MHz	16QAM	24250	1RB#0	3600~3800	3600	-61.08	-50	PASS
Band20	20MHz	16QAM	24250	1RB#99	758~788	764.06	-66.33	-50	PASS
Band20	20MHz	16QAM	24250	1RB#99	791~821	800.96	-55.36	-50	PASS
Band20	20MHz	16QAM	24250	1RB#99	925~960	946.49	-67.79	-50	PASS
Band20	20MHz	16QAM	24250	1RB#99	1452~1496	1482.23	-69.08	-50	PASS
Band20	20MHz	16QAM	24250	1RB#99	1805~1880	1880	-66.58	-50	PASS
Band20	20MHz	16QAM	24250	1RB#99	1900~1920	1913.04	-66.14	-50	PASS
Band20	20MHz	16QAM	24250	1RB#99	2010~2025	2024.69	-65.57	-50	PASS
Band20	20MHz	16QAM	24250	1RB#99	2110~2170	2110.36	-65.43	-50	PASS
Band20	20MHz	16QAM	24250	1RB#99	2300~2400	2316.8	-67.28	-50	PASS
Band20	20MHz	16QAM	24250	1RB#99	2570~2620	2570.4	-58.25	-50	PASS
Band20	20MHz	16QAM	24250	1RB#99	2620~2690	2675.3	-65.50	-50	PASS
Band20	20MHz	16QAM	24250	1RB#99	3400~3600	3403.8	-58.61	-50	PASS
Band20	20MHz	16QAM	24250	1RB#99	3510~3590	3585.68	-66.62	-50	PASS
Band20	20MHz	16QAM	24250	1RB#99	3600~3800	3600	-61.36	-50	PASS
Band20	20MHz	16QAM	24250	100RB#0	758~788	787.73	-51.61	-50	PASS
Band20	20MHz	16QAM	24250	100RB#0	791~821	820.97	-58.43	-50	PASS
Band20	20MHz	16QAM	24250	100RB#0	925~960	959.58	-68.17	-50	PASS
Band20	20MHz	16QAM	24250	100RB#0	1452~1496	1488.34	-69.60	-50	PASS
Band20	20MHz	16QAM	24250	100RB#0	1805~1880	1872.5	-67.13	-50	PASS
Band20	20MHz	16QAM	24250	100RB#0	1900~1920	1917.94	-66.68	-50	PASS



Band20	20MHz	16QAM	24250	100RB#0	2010~2025	2023.64	-66.23	-50	PASS
Band20	20MHz	16QAM	24250	100RB#0	2110~2170	2152.48	-66.11	-50	PASS
Band20	20MHz	16QAM	24250	100RB#0	2300~2400	2300.3	-67.79	-50	PASS
Band20	20MHz	16QAM	24250	100RB#0	2570~2620	2570.15	-57.69	-50	PASS
Band20	20MHz	16QAM	24250	100RB#0	2620~2690	2670.33	-65.84	-50	PASS
Band20	20MHz	16QAM	24250	100RB#0	3400~3600	3400	-59.88	-50	PASS
Band20	20MHz	16QAM	24250	100RB#0	3510~3590	3589.92	-66.83	-50	PASS
Band20	20MHz	16QAM	24250	100RB#0	3600~3800	3600	-60.85	-50	PASS
Band20	20MHz	16QAM	24300	1RB#0	758~788	775.46	-60.14	-50	PASS
Band20	20MHz	16QAM	24300	1RB#0	791~821	797.3	-52.40	-50	PASS
Band20	20MHz	16QAM	24300	1RB#0	925~960	958.46	-67.21	-50	PASS
Band20	20MHz	16QAM	24300	1RB#0	1452~1496	1461.33	-68.91	-50	PASS
Band20	20MHz	16QAM	24300	1RB#0	1805~1880	1843.55	-66.37	-50	PASS
Band20	20MHz	16QAM	24300	1RB#0	1900~1920	1917.2	-65.87	-50	PASS
Band20	20MHz	16QAM	24300	1RB#0	2010~2025	2024.9	-65.26	-50	PASS
Band20	20MHz	16QAM	24300	1RB#0	2110~2170	2142.88	-65.22	-50	PASS
Band20	20MHz	16QAM	24300	1RB#0	2300~2400	2312.8	-67.00	-50	PASS
Band20	20MHz	16QAM	24300	1RB#0	2570~2620	2584	-67.59	-50	PASS
Band20	20MHz	16QAM	24300	1RB#0	2620~2690	2660.04	-65.07	-50	PASS
Band20	20MHz	16QAM	24300	1RB#0	3400~3600	3569	-67.23	-50	PASS
Band20	20MHz	16QAM	24300	1RB#0	3510~3590	3588.64	-66.48	-50	PASS
Band20	20MHz	16QAM	24300	1RB#0	3600~3800	3600	-60.60	-50	PASS
Band20	20MHz	16QAM	24300	1RB#99	758~788	769.04	-66.64	-50	PASS
Band20	20MHz	16QAM	24300	1RB#99	791~821	797.3	-52.11	-50	PASS
Band20	20MHz	16QAM	24300	1RB#99	925~960	926.54	-67.33	-50	PASS
Band20	20MHz	16QAM	24300	1RB#99	1452~1496	1457.06	-68.97	-50	PASS
Band20	20MHz	16QAM	24300	1RB#99	1805~1880	1833.88	-66.37	-50	PASS
Band20	20MHz	16QAM	24300	1RB#99	1900~1920	1916.9	-66.00	-50	PASS
Band20	20MHz	16QAM	24300	1RB#99	2010~2025	2024.42	-65.48	-50	PASS
Band20	20MHz	16QAM	24300	1RB#99	2110~2170	2141.08	-65.37	-50	PASS
Band20	20MHz	16QAM	24300	1RB#99	2300~2400	2320	-67.20	-50	PASS
Band20	20MHz	16QAM	24300	1RB#99	2570~2620	2570.1	-61.20	-50	PASS
Band20	20MHz	16QAM	24300	1RB#99	2620~2690	2672.36	-65.37	-50	PASS
Band20	20MHz	16QAM	24300	1RB#99	3400~3600	3423.6	-58.43	-50	PASS
Band20	20MHz	16QAM	24300	1RB#99	3510~3590	3585.2	-66.63	-50	PASS
Band20	20MHz	16QAM	24300	1RB#99	3600~3800	3600	-60.28	-50	PASS
Band20	20MHz	16QAM	24300	100RB#0	758~788	787.88	-57.41	-50	PASS
Band20	20MHz	16QAM	24300	100RB#0	791~821	797.36	-52.30	-50	PASS

Band20	20MHz	16QAM	24300	100RB#0	925~960	927.35	-68.19	-50	PASS
Band20	20MHz	16QAM	24300	100RB#0	1452~1496	1466.61	-69.67	-50	PASS
Band20	20MHz	16QAM	24300	100RB#0	1805~1880	1849.4	-67.18	-50	PASS
Band20	20MHz	16QAM	24300	100RB#0	1900~1920	1919.96	-66.71	-50	PASS
Band20	20MHz	16QAM	24300	100RB#0	2010~2025	2023.76	-66.22	-50	PASS
Band20	20MHz	16QAM	24300	100RB#0	2110~2170	2110.54	-66.13	-50	PASS
Band20	20MHz	16QAM	24300	100RB#0	2300~2400	2315.5	-67.87	-50	PASS
Band20	20MHz	16QAM	24300	100RB#0	2570~2620	2570.15	-55.82	-50	PASS
Band20	20MHz	16QAM	24300	100RB#0	2620~2690	2678.24	-65.87	-50	PASS
Band20	20MHz	16QAM	24300	100RB#0	3400~3600	3406.2	-57.56	-50	PASS
Band20	20MHz	16QAM	24300	100RB#0	3510~3590	3586.4	-66.85	-50	PASS
Band20	20MHz	16QAM	24300	100RB#0	3600~3800	3600	-59.76	-50	PASS
Band20	20MHz	16QAM	24350	1RB#0	758~788	783.98	-61.53	-50	PASS
Band20	20MHz	16QAM	24350	1RB#0	791~821	811.04	-53.00	-50	PASS
Band20	20MHz	16QAM	24350	1RB#0	925~960	936.52	-66.05	-50	PASS
Band20	20MHz	16QAM	24350	1RB#0	1452~1496	1480.51	-68.83	-50	PASS
Band20	20MHz	16QAM	24350	1RB#0	1805~1880	1876.48	-66.28	-50	PASS
Band20	20MHz	16QAM	24350	1RB#0	1900~1920	1906.52	-65.81	-50	PASS
Band20	20MHz	16QAM	24350	1RB#0	2010~2025	2021.42	-65.31	-50	PASS
Band20	20MHz	16QAM	24350	1RB#0	2110~2170	2139.58	-65.09	-50	PASS
Band20	20MHz	16QAM	24350	1RB#0	2300~2400	2304.2	-66.96	-50	PASS
Band20	20MHz	16QAM	24350	1RB#0	2570~2620	2610.65	-67.48	-50	PASS
Band20	20MHz	16QAM	24350	1RB#0	2620~2690	2674.04	-65.12	-50	PASS
Band20	20MHz	16QAM	24350	1RB#0	3400~3600	3590.6	-69.39	-50	PASS
Band20	20MHz	16QAM	24350	1RB#0	3510~3590	3589.76	-66.47	-50	PASS
Band20	20MHz	16QAM	24350	1RB#0	3600~3800	3600	-59.08	-50	PASS
Band20	20MHz	16QAM	24350	1RB#99	758~788	774.05	-66.73	-50	PASS
Band20	20MHz	16QAM	24350	1RB#99	791~821	810.92	-53.06	-50	PASS
Band20	20MHz	16QAM	24350	1RB#99	925~960	925.18	-66.15	-50	PASS
Band20	20MHz	16QAM	24350	1RB#99	1452~1496	1474.35	-68.96	-50	PASS
Band20	20MHz	16QAM	24350	1RB#99	1805~1880	1872.5	-66.48	-50	PASS
Band20	20MHz	16QAM	24350	1RB#99	1900~1920	1916.9	-65.88	-50	PASS
Band20	20MHz	16QAM	24350	1RB#99	2010~2025	2021.88	-65.50	-50	PASS
Band20	20MHz	16QAM	24350	1RB#99	2110~2170	2110.72	-65.39	-50	PASS
Band20	20MHz	16QAM	24350	1RB#99	2300~2400	2303.3	-67.02	-50	PASS
Band20	20MHz	16QAM	24350	1RB#99	2570~2620	2582.65	-57.57	-50	PASS
Band20	20MHz	16QAM	24350	1RB#99	2620~2690	2668.79	-65.10	-50	PASS
Band20	20MHz	16QAM	24350	1RB#99	3400~3600	3443.6	-58.60	-50	PASS



Band20	20MHz	16QAM	24350	1RB#99	3510~3590	3588.56	-66.53	-50	PASS
Band20	20MHz	16QAM	24350	1RB#99	3600~3800	3600	-58.89	-50	PASS
Band20	20MHz	16QAM	24350	100RB#0	758~788	787.85	-56.42	-50	PASS
Band20	20MHz	16QAM	24350	100RB#0	791~821	811.04	-53.06	-50	PASS
Band20	20MHz	16QAM	24350	100RB#0	925~960	931.48	-66.98	-50	PASS
Band20	20MHz	16QAM	24350	100RB#0	1452~1496	1483.06	-69.46	-50	PASS
Band20	20MHz	16QAM	24350	100RB#0	1805~1880	1855.33	-67.04	-50	PASS
Band20	20MHz	16QAM	24350	100RB#0	1900~1920	1917.86	-66.61	-50	PASS
Band20	20MHz	16QAM	24350	100RB#0	2010~2025	2020.25	-66.14	-50	PASS
Band20	20MHz	16QAM	24350	100RB#0	2110~2170	2115.4	-65.96	-50	PASS
Band20	20MHz	16QAM	24350	100RB#0	2300~2400	2331.7	-67.68	-50	PASS
Band20	20MHz	16QAM	24350	100RB#0	2570~2620	2570.05	-53.78	-50	PASS
Band20	20MHz	16QAM	24350	100RB#0	2620~2690	2676.14	-65.73	-50	PASS
Band20	20MHz	16QAM	24350	100RB#0	3400~3600	3408	-52.17	-50	PASS
Band20	20MHz	16QAM	24350	100RB#0	3510~3590	3587.04	-66.81	-50	PASS
Band20	20MHz	16QAM	24350	100RB#0	3600~3800	3600	-59.41	-50	PASS

## Receiver Spurious Emissions

### Test Result

Band	Channel Bandwidth	Modulation	Channel	RB Configure	TestFrequency (MHz)	Max. Point		Limit (dBm)	Verdict
						Freq. (MHz)	Result (dBm)		
@CE_Receiver_spurious_emissions_NN@									
BandName	Bandwidth	Modulation	Channel	RBcfg	TestFrequency	Freq	Result	Limit	Verdict
Band20	20MHz	QPSK	18100	0RB	30~1000	503.05	-64.33	-57	PASS
Band20	20MHz	QPSK	18100	0RB	1000~12750	1952.13	-62.11	-47	PASS
Band20	20MHz	QPSK	18300	0RB	30~1000	487.25	-64.29	-57	PASS
Band20	20MHz	QPSK	18300	0RB	1000~12750	2025.00	-61.08	-47	PASS
Band20	20MHz	QPSK	18500	0RB	30~1000	682.30	-64.81	-57	PASS
Band20	20MHz	QPSK	18500	0RB	1000~12750	2004.08	-62.35	-47	PASS



## Receiver Adjacent Channel Selectivity (ACS)

### Test Results

The equipment **passed** the requirement of this clause.

Test Environment			NC		
Test Frequencies			Mid range		
Test Channel Bandwidths			5MHz, 20MHz		
Test Parameters for Channel Bandwidths					
	Downlink Configuration		Uplink Configuration		
Ch BW	Mod'n	RB allocation	Mod'n	RB allocation	CASE 1
		FDD		FDD	Throughput Limit
5MHz	QPSK	Full	QPSK	15,20,25	≥ 95 %
20MHz	QPSK	Full	QPSK	50,75,100	≥ 95 %
Verdict	Pass				
Ch BW	Mod' n	RB allocation	Mod' n	RB allocation	CASE 2
		FDD		FDD	Throughput Limit
5MHz	QPSK	Full	QPSK	15,20,25	≥ 95 %
20MHz	QPSK	Full	QPSK	50,75,100	≥ 95 %
Verdict	Pass				

## Receiver blocking characteristics

### Test Results

The equipment **passed** the requirement of this clause.

#### In-Band Blocking

Test Environment			NC		
Test Frequencies			Mid range		
Test Channel Bandwidths			5MHz, 20MHz		
Test Parameters for Channel Bandwidths					
	Downlink Configuration		Uplink Configuration		CASE1
Ch BW	Mod'n	RB allocation	Mod'n	RB allocation	Throughput Limit
		FDD		FDD	
5MHz	QPSK	Full	QPSK	15,20,25	≥ 95 %
20MHz	QPSK	Full	QPSK	50,75,100	≥ 95 %
Verdict	Pass				

#### In-Band Blocking

	<b>Downlink Configuration</b>		<b>Uplink Configuration</b>		CASE2
Ch BW	Mod' n	RB allocation	Mod' n	RB allocation	Throughput Limit
		FDD		FDD	
5MHz	QPSK	Full	QPSK	15,20,25	≥ 95 %
20MHz	QPSK	Full	QPSK	50,75,100	≥ 95 %
<b>Verdict</b>	<b>Pass</b>				

#### Out-of Band Blocking

Test Environment	NC				
Test Frequencies	Low range for $F_{\text{Interferer}} \leq F_{\text{DL\_low}}$ High range for $F_{\text{Interferer}} > F_{\text{DL\_high}}$				
Test Channel Bandwidths	5MHz, 20MHz				
Test Parameters for Channel Bandwidths					
	Downlink Configuration		Uplink Configuration		RANGE1/RANGE2/RANGE3
Ch BW	Mod'n	RB allocation	Mod'n	RB allocation	Throughput Limit
		FDD		FDD	
5MHz	QPSK	Full	QPSK	15,20,25	≥ 95 %
20MHz	QPSK	Full	QPSK	50,75,100	≥ 95 %
Verdict	Pass				

#### Narrow Band



Test Environment			NC		
Test Frequencies			Mid range		
Test Channel Bandwidths			5MHz, 20MHz		
Test Parameters for Channel Bandwidths					
	Downlink Configuration		Uplink Configuration		
Ch BW	Mod'n	RB allocation	Mod'n	RB allocation	Throughput Limit
		FDD		FDD	
5MHz	QPSK	Full	QPSK	15,20,25	≥ 95 %
20MHz	QPSK	Full	QPSK	50,75,100	≥ 95 %
Verdict	Pass				

## Receiver Intermodulation Characteristics

### Test Results

The equipment **passed** the requirement of this clause.

Test Band						
Test Environment			NC			
Test Frequencies			Mid range			
Test Channel Bandwidths			5MHz, 20MHz			
Test Parameters for Channel Bandwidths						
	Downlink Configuration		Uplink Configuration			
Ch BW	Mod'n	RB allocation	Mod'n	RB allocation	Meas. Throughput	Throughput Limit
		FDD		FDD		
5MHz	QPSK	Full	QPSK	15,20,25	99.7 %	≥ 95 %
20MHz	QPSK	Full	QPSK	50,75,100	99.2%	≥ 95 %
Verdict	Pass					



## Receiver Reference Sensitivity Level

### Test Results

The equipment **passed** the requirement of this clause.

Test Band						
Test Environment			NC			
Test Frequencies			Mid range			
Test Channel Bandwidths			5MHz, 20MHz			
Test Parameters for Channel Bandwidths						
	Downlink Configuration		Uplink Configuration			
Ch BW	Mod'n	RB allocation	Mod'n	RB allocation	Meas. Throughput	Throughput Limit
		FDD		FDD		
5MHz	QPSK	Full	QPSK	15,20,25	99.4 %	≥ 95 %
20MHz	QPSK	Full	QPSK	50,75,100	99.0%	≥ 95 %
Verdict	Pass					

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