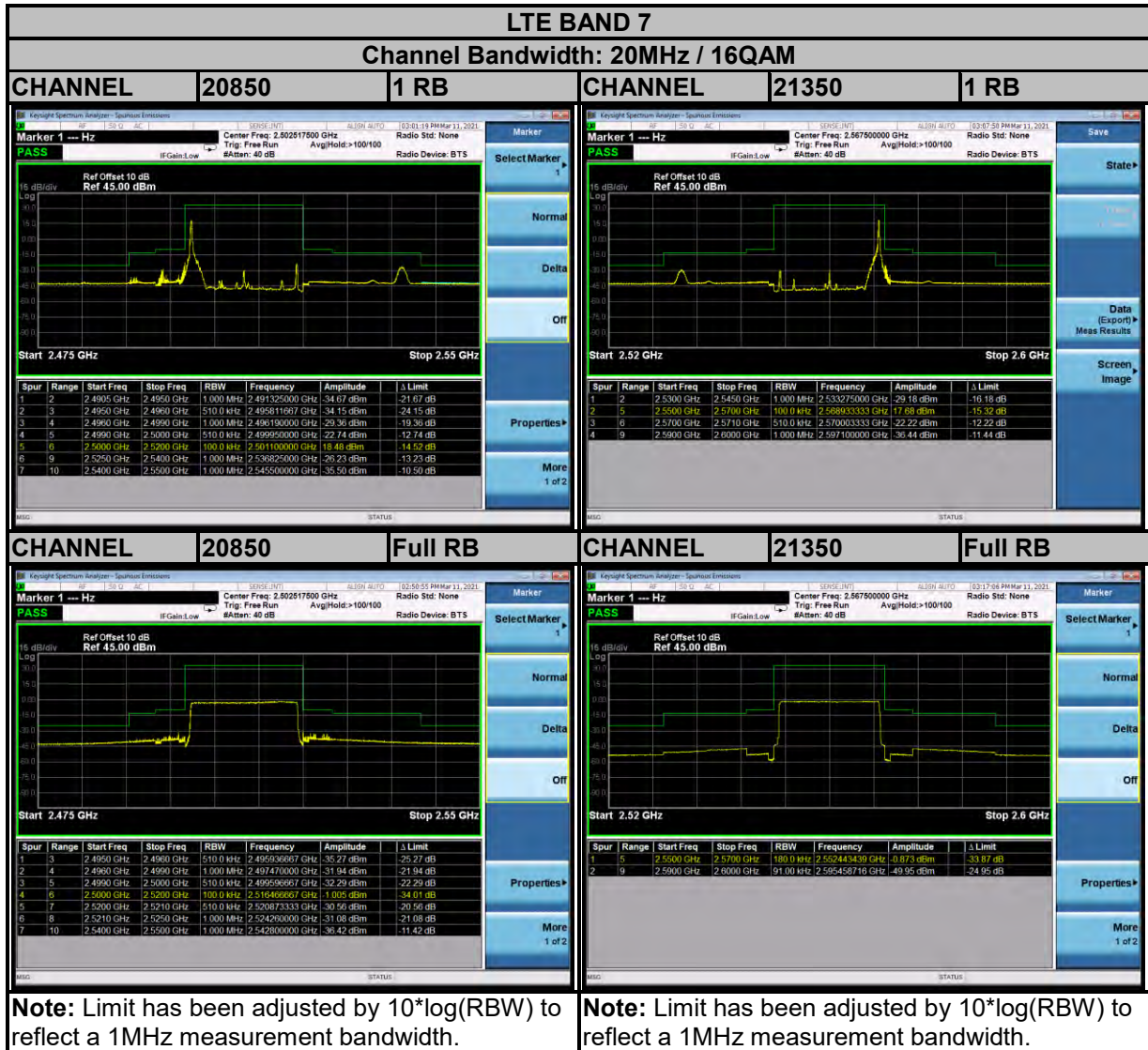
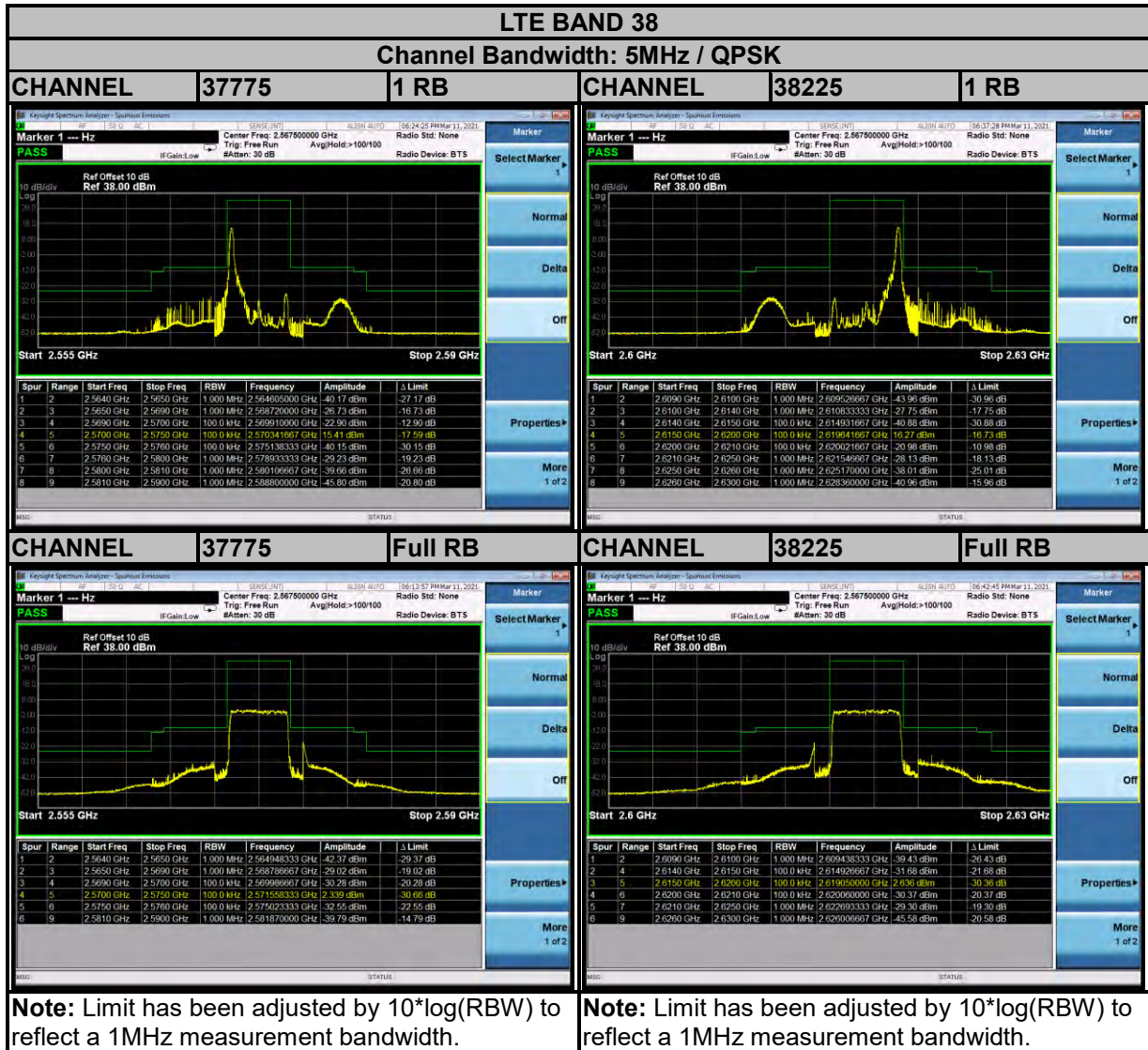




BUREAU VERITAS

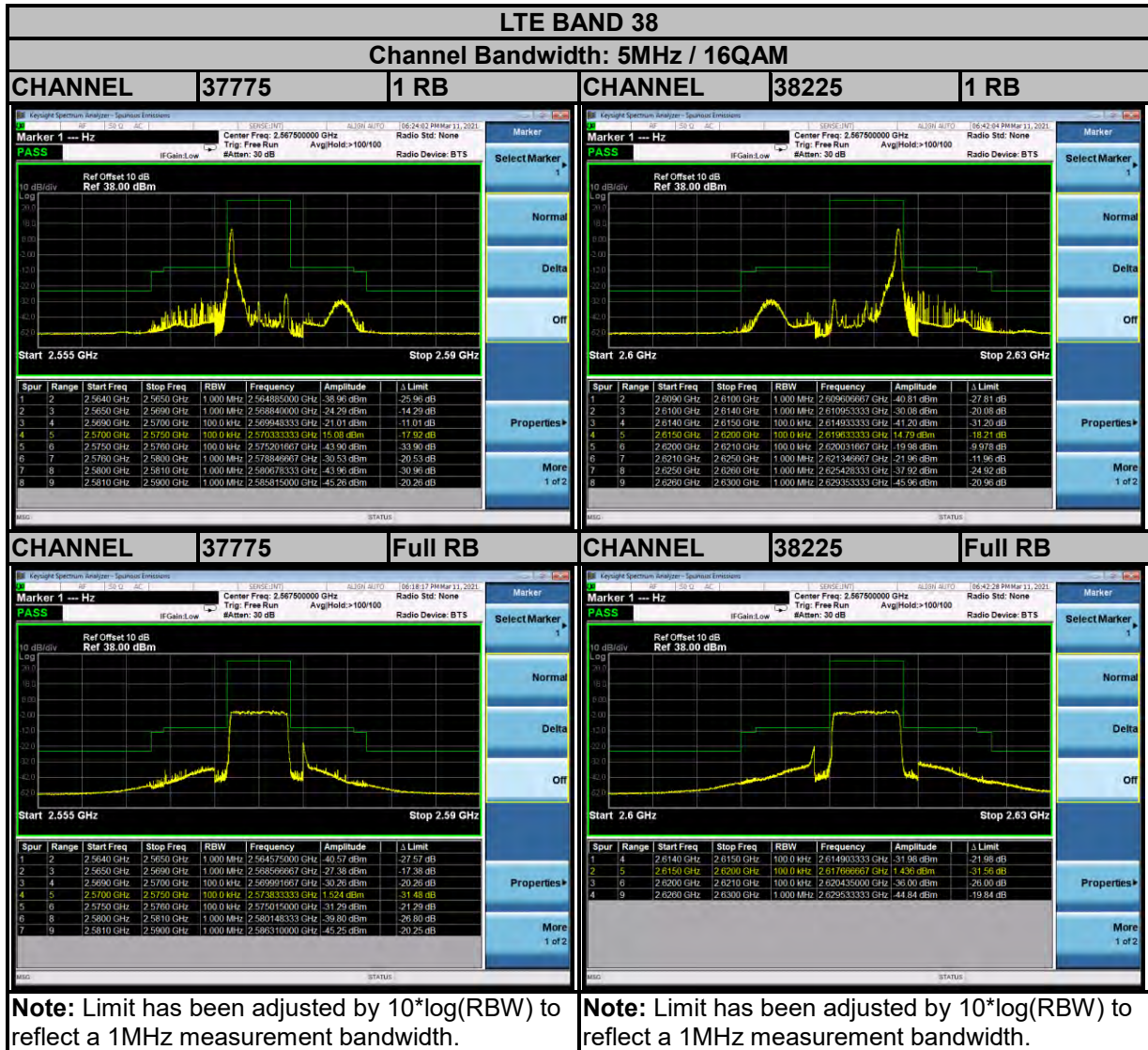
Test Report No.: RFA210218W001-5





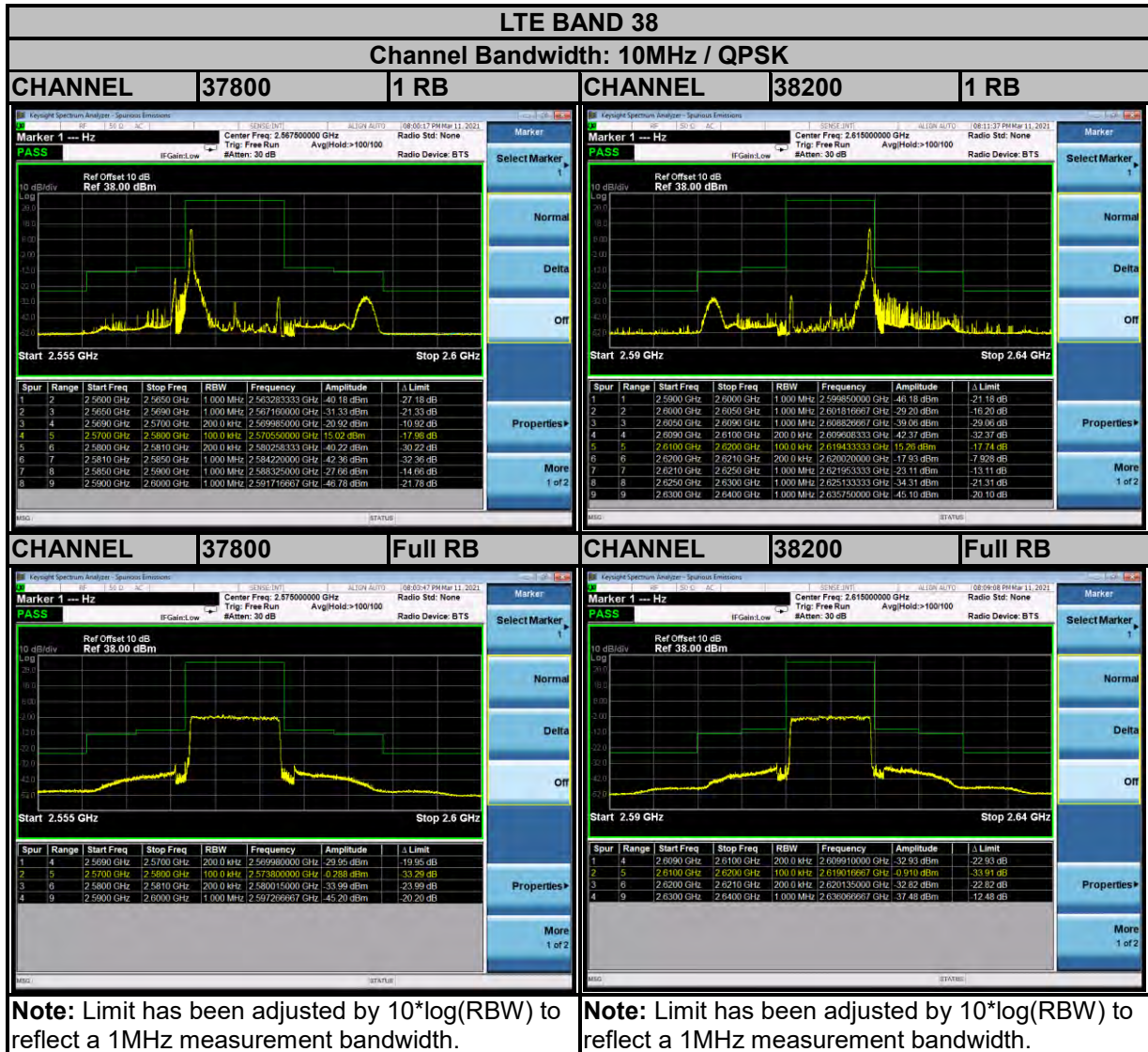


Test Report No.: RFA210218W001-5





Test Report No.: RFA210218W001-5

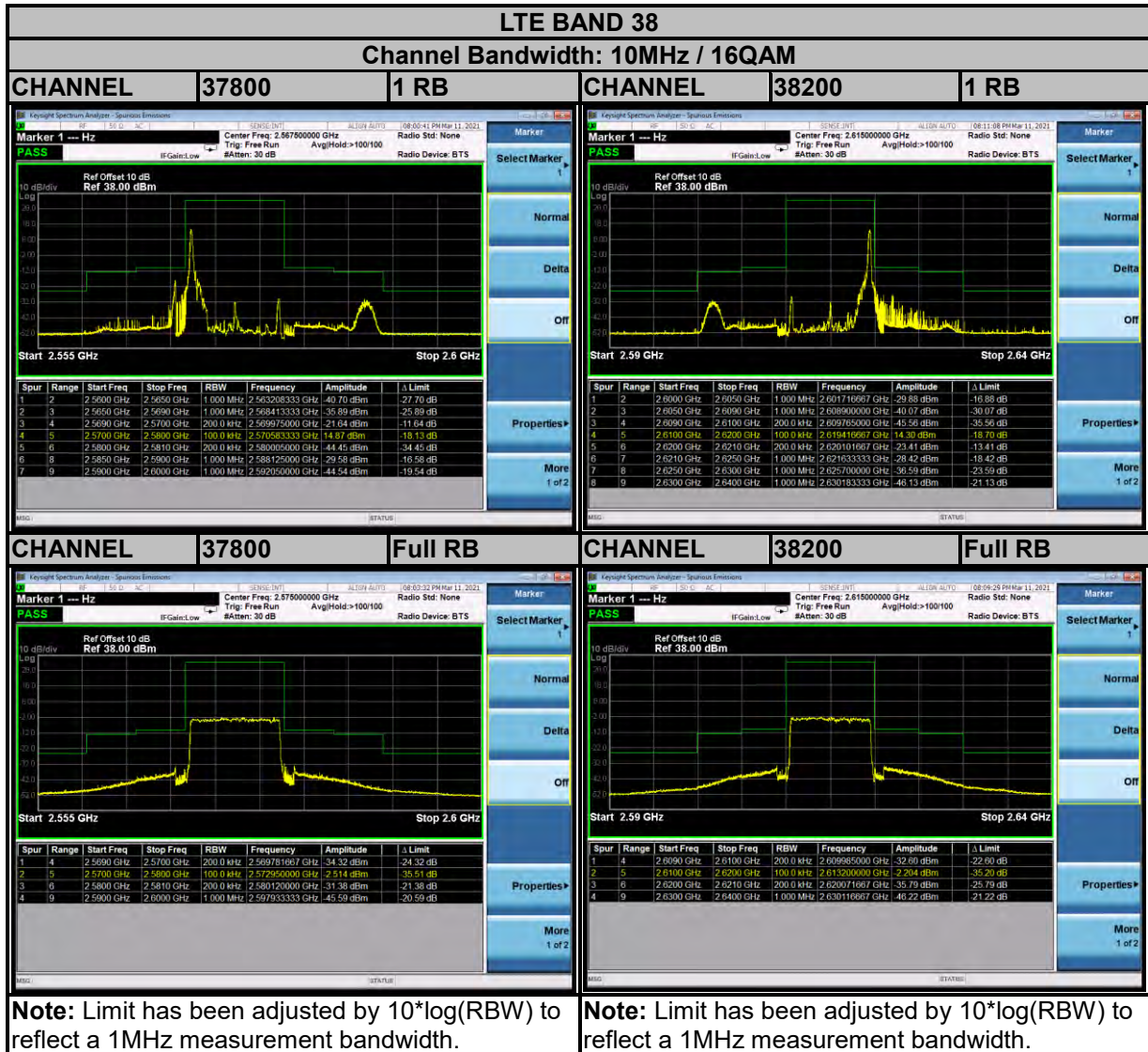


Note: Limit has been adjusted by $10 \cdot \log(\text{RBW})$ to reflect a 1MHz measurement bandwidth.

Note: Limit has been adjusted by $10 \cdot \log(\text{RBW})$ to reflect a 1MHz measurement bandwidth.

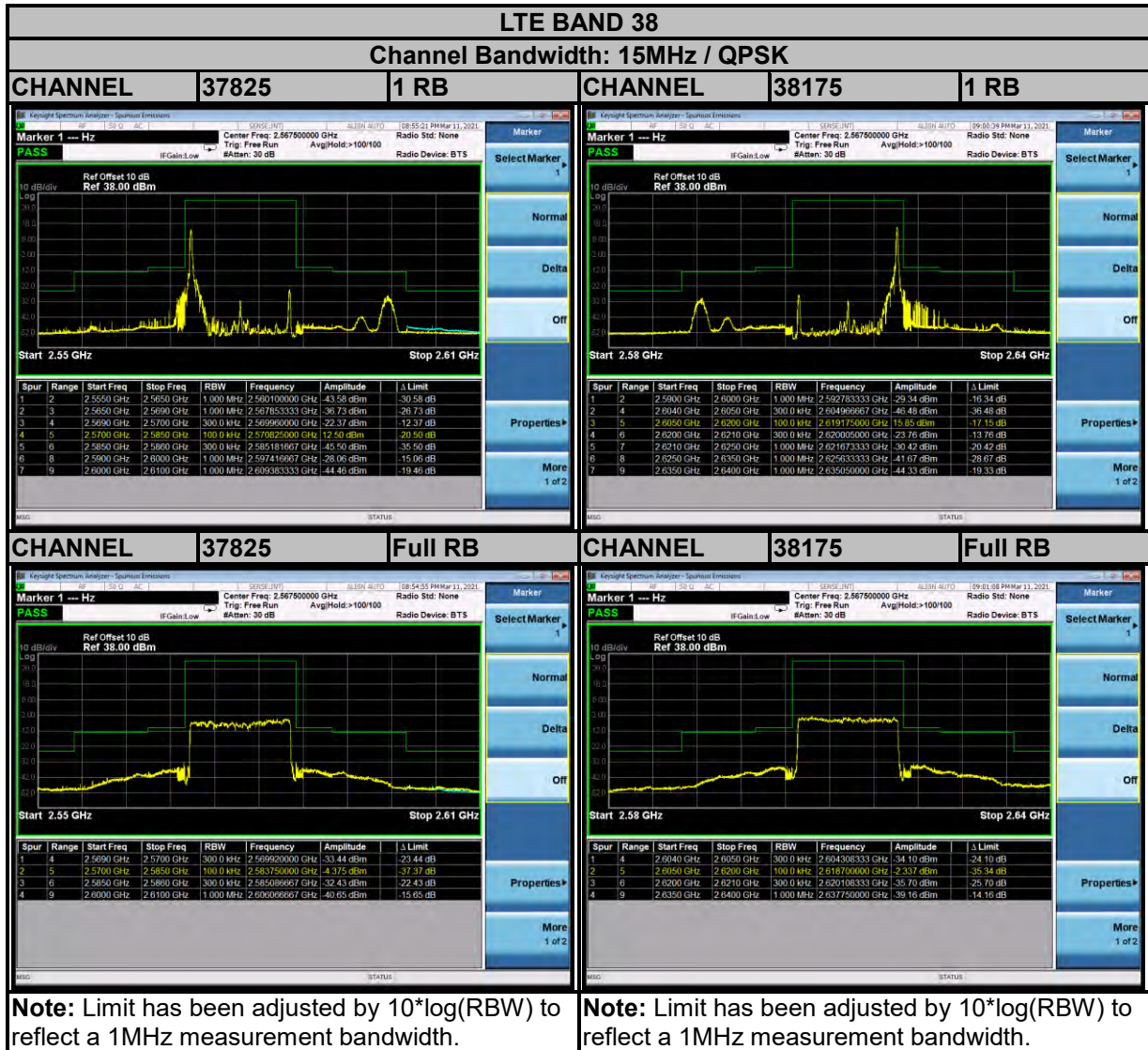


Test Report No.: RFA210218W001-5



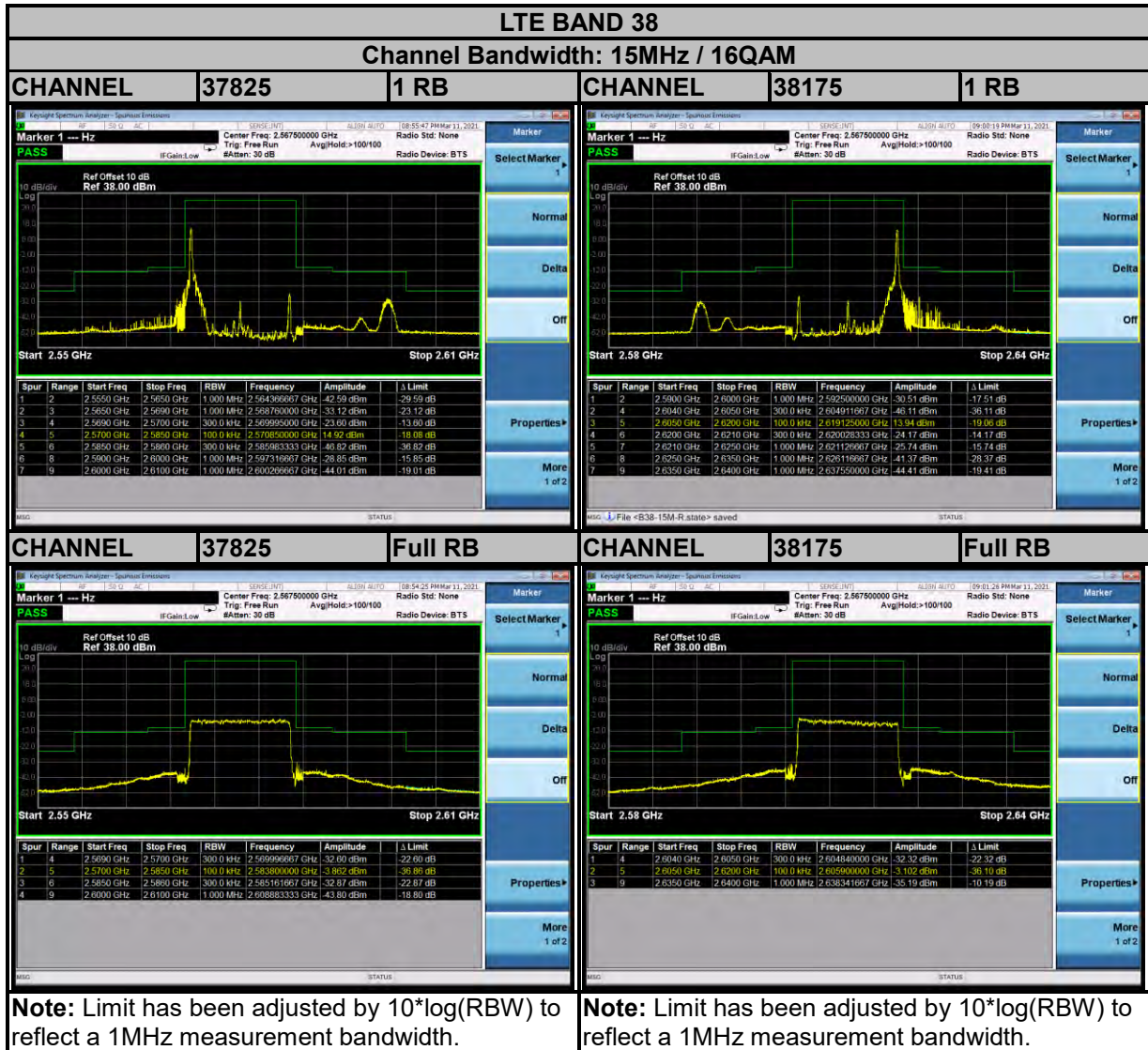


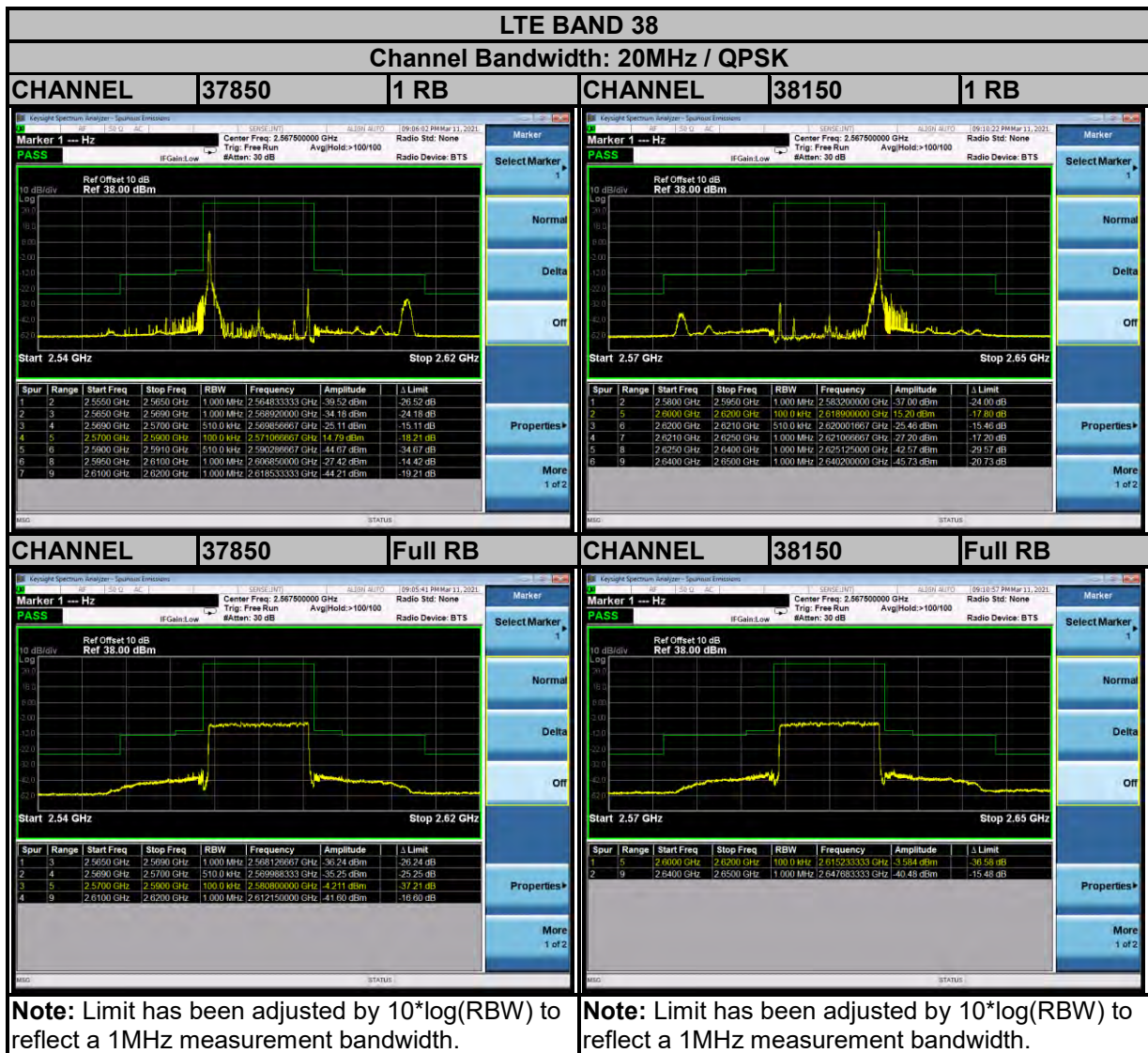
Test Report No.: RFA210218W001-5

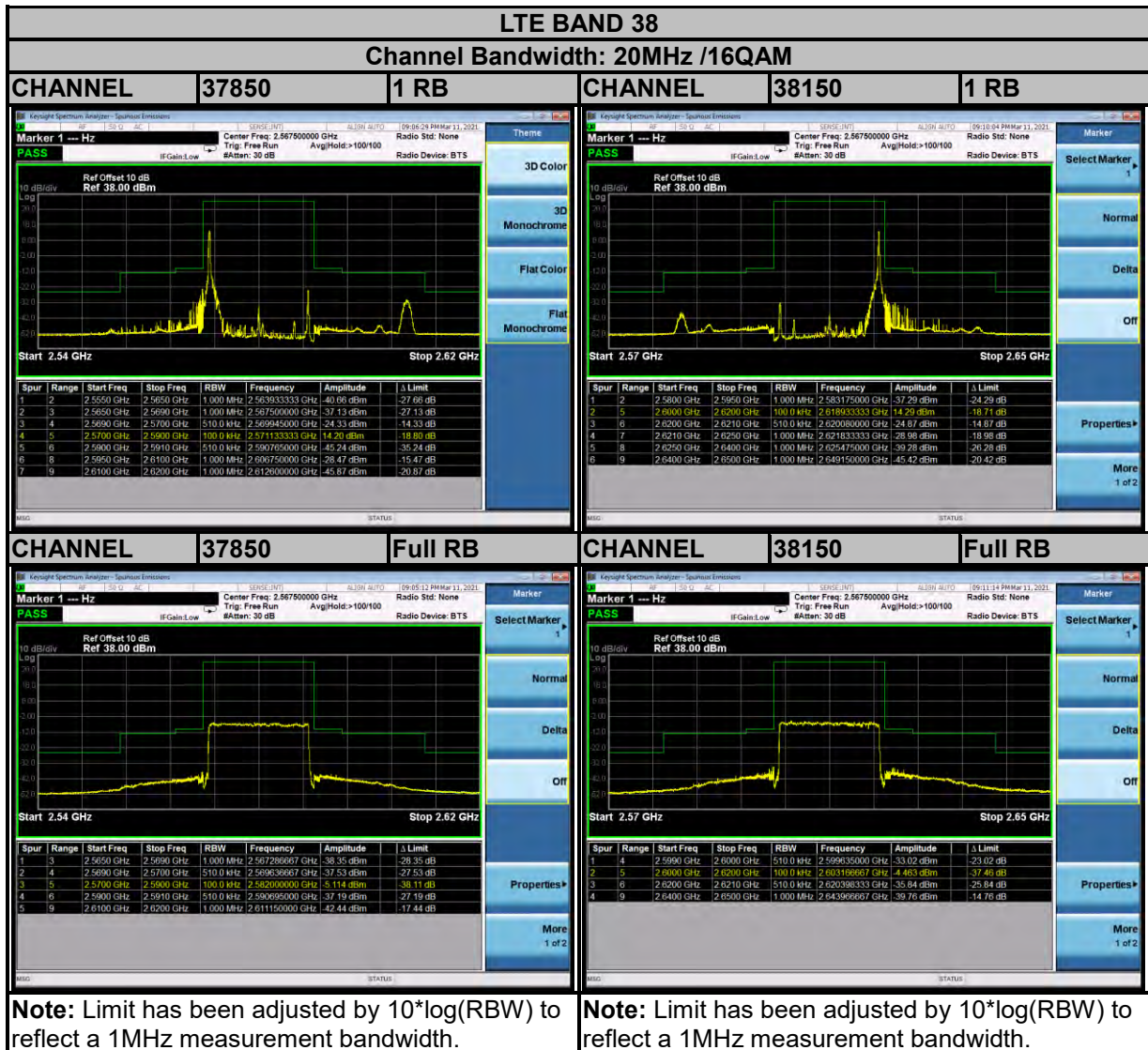




Test Report No.: RFA210218W001-5





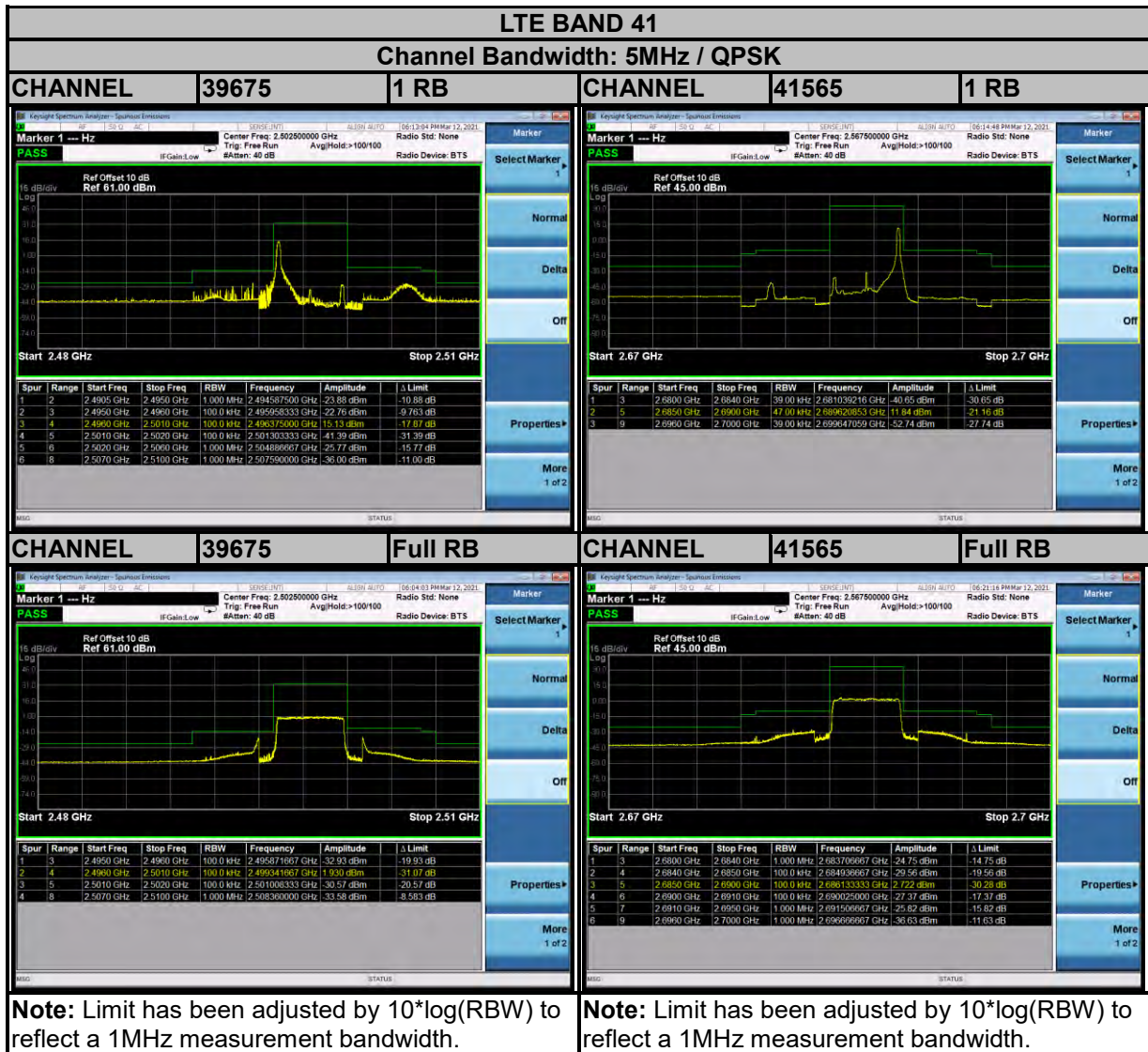


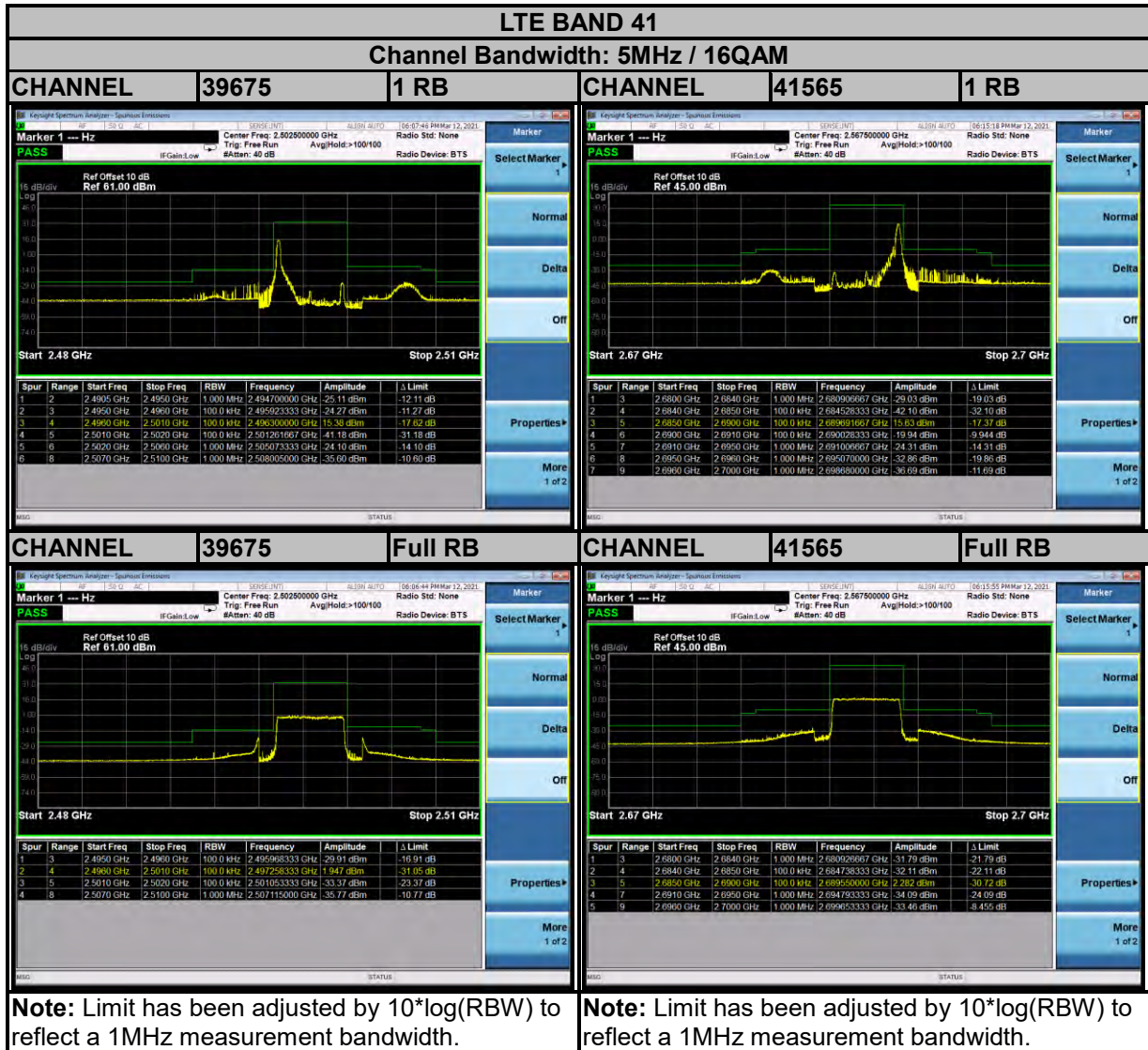
Note: Limit has been adjusted by $10 \cdot \log(\text{RBW})$ to reflect a 1MHz measurement bandwidth.

Note: Limit has been adjusted by $10 \cdot \log(\text{RBW})$ to reflect a 1MHz measurement bandwidth.



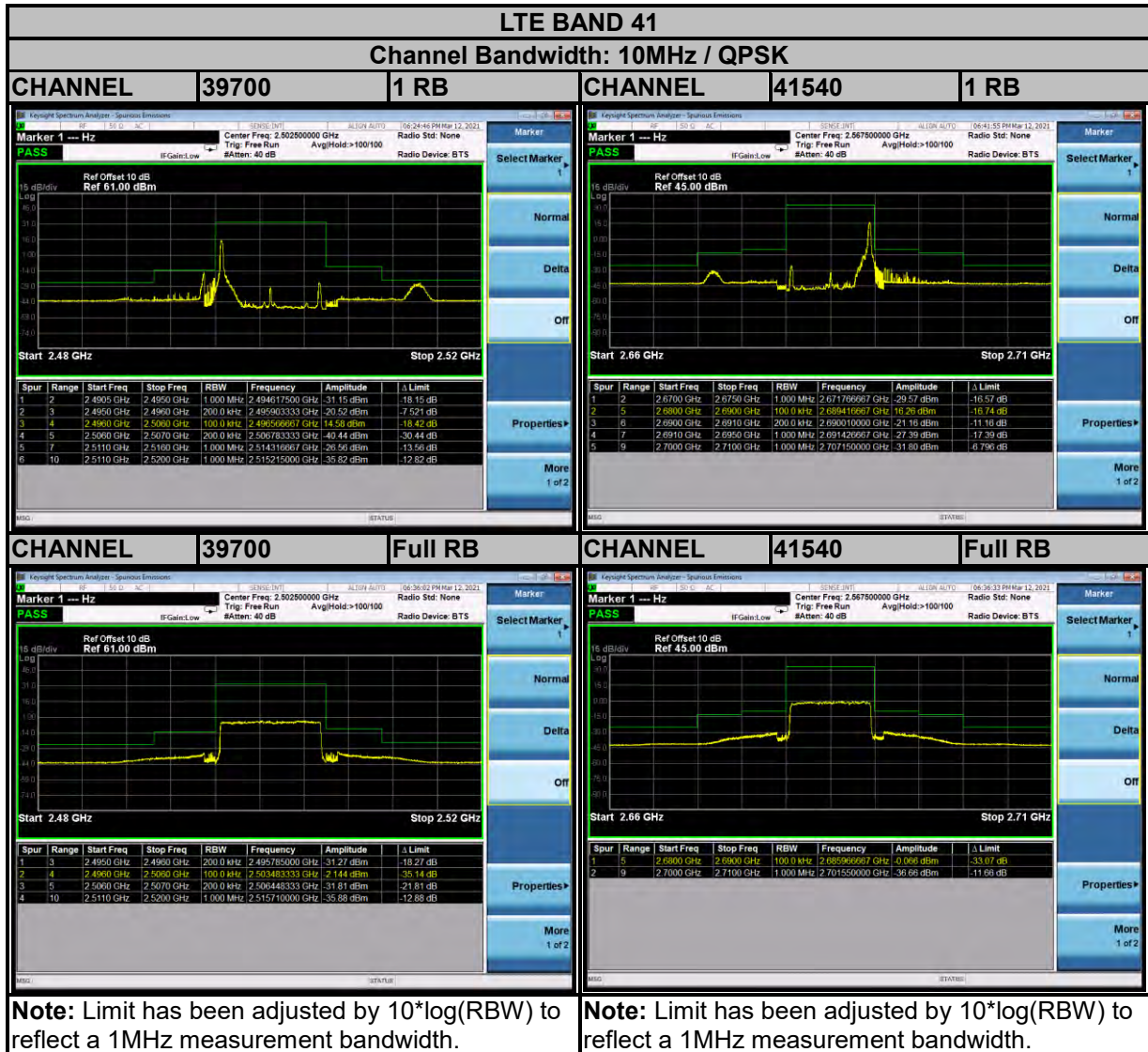
Test Report No.: RFA210218W001-5

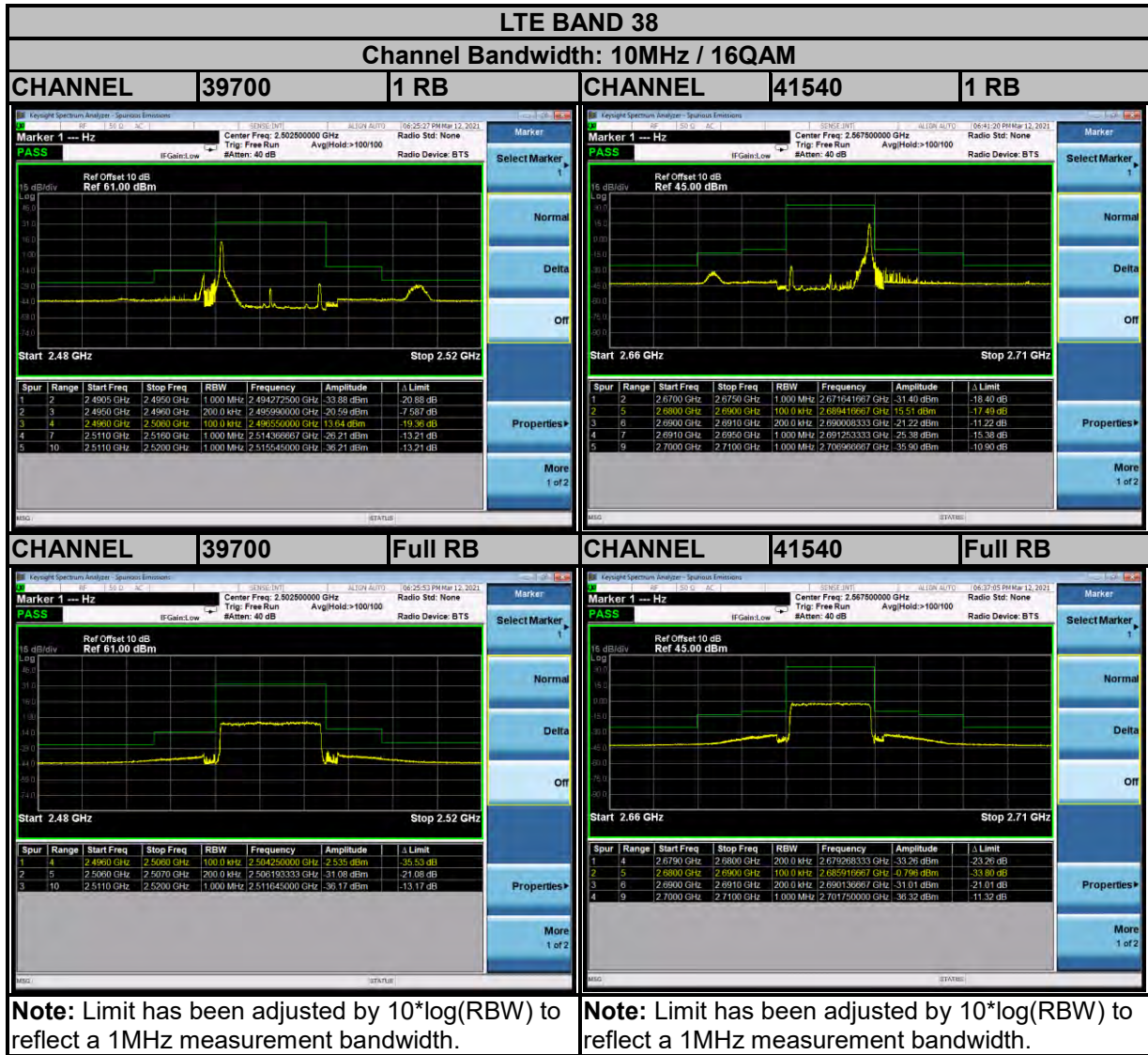


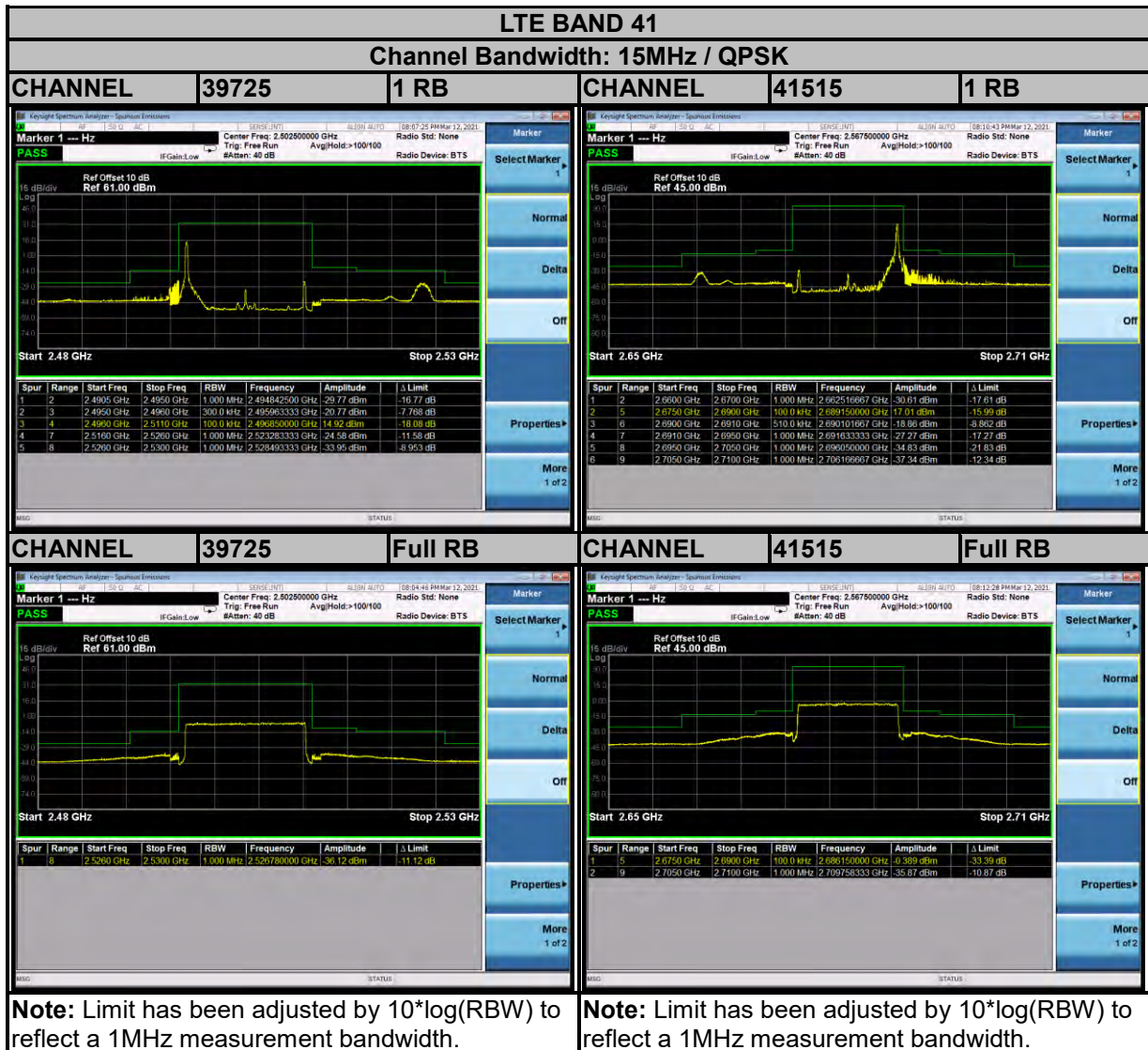




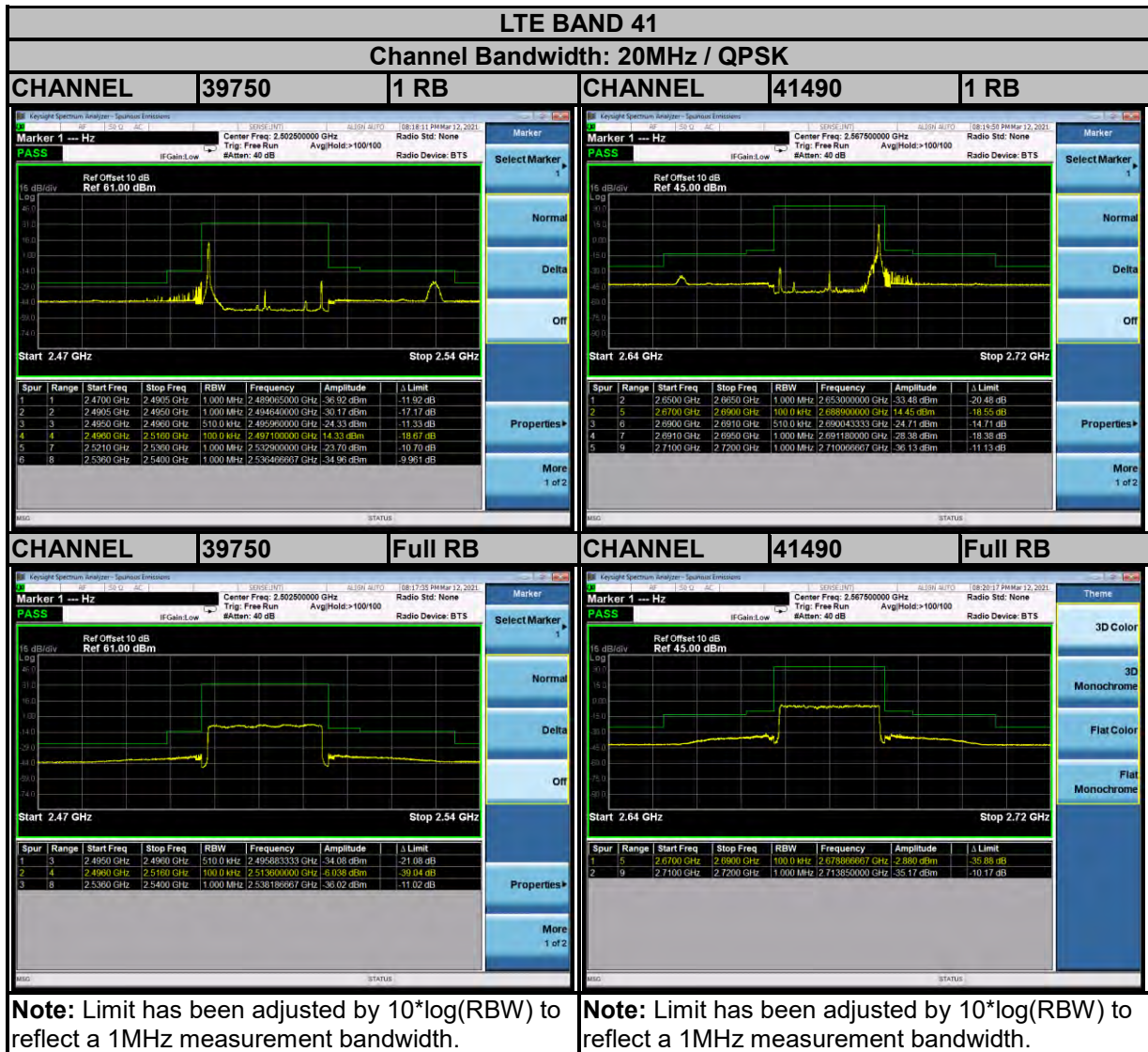
Test Report No.: RFA210218W001-5

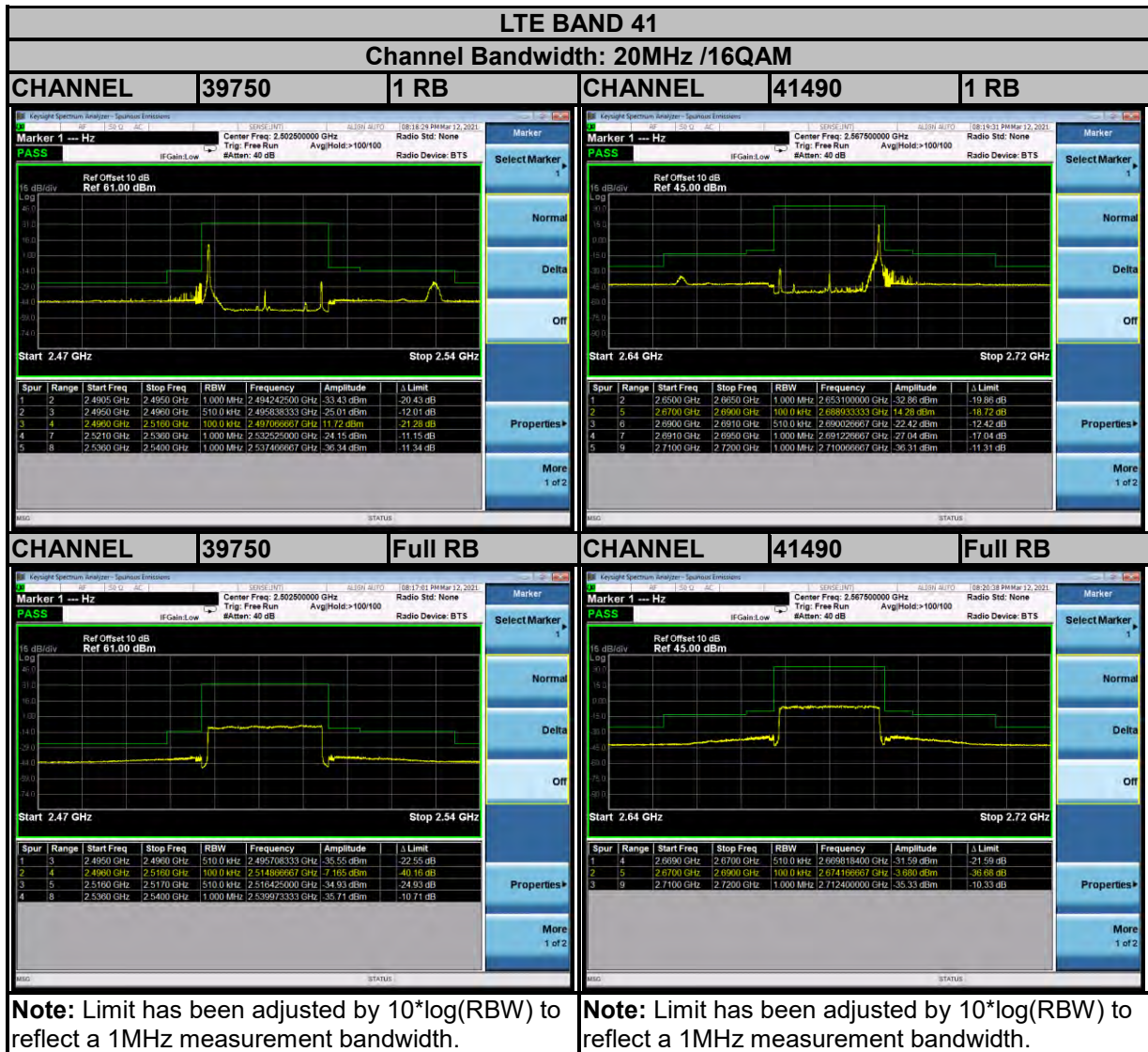












3.5 CONDUCTED SPURIOUS EMISSIONS

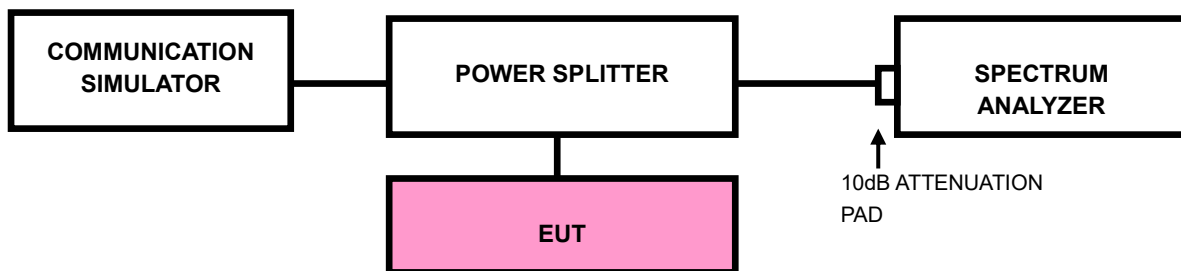
3.5.1 LIMITS OF CONDUCTED SPURIOUS EMISSIONS MEASUREMENT

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $55 + 10 \log_{10}(P)$ dB. The limit of emission is equal to -25dBm.

3.5.2 TEST PROCEDURE

- a. The EUT makes a phone call to the communication simulator. All measurements were done at low, middle and high operational frequency range.
- b. Measuring frequency range is from 30MHz~27GHz for LTE Band 7 & 30MHz~26.2GHz for LTE Band 38, 30MHz~27GHz for LTE Band 41. 10dB attenuation pad is connected with spectrum. RBW=1MHz and VBW=3MHz are used for conducted emission measurement.

3.5.3 TEST SETUP





BUREAU VERITAS

Test Report No.: RFA210218W001-5

3.5.4 TEST RESULTS





BUREAU VERITAS

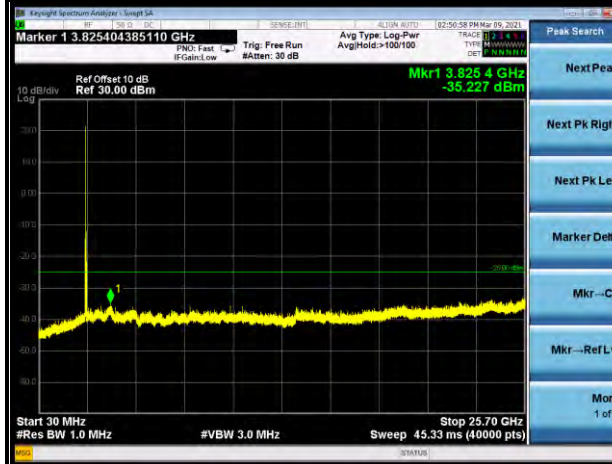
Test Report No.: RFA210218W001-5

LTE BAND 7

5MHz / QPSK

CHANNEL 20775

FREQUENCY RANG2E : 30MHz~25.7GHz



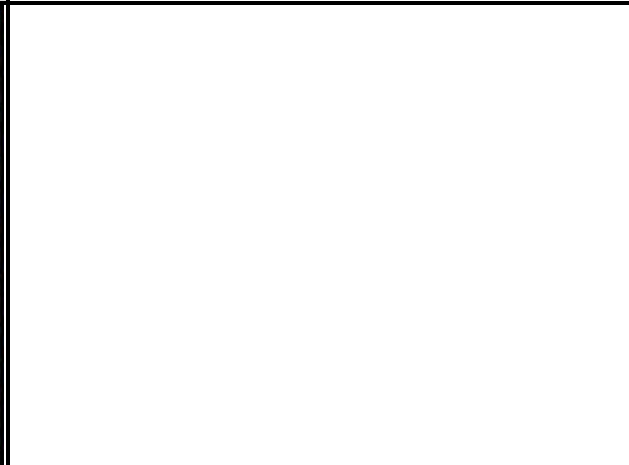
CHANNEL 21100

FREQUENCY RANG2E : 30MHz~25.7GHz



CHANNEL 21425

FREQUENCY RANG2E : 30MHz~25.7GHz





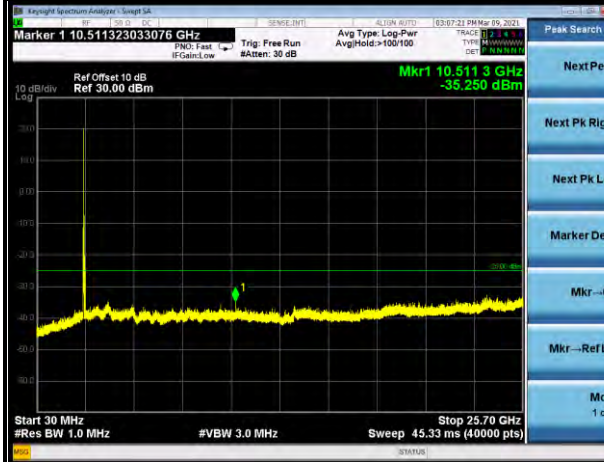
BUREAU VERITAS

Test Report No.: RFA210218W001-5

10MHz / QPSK

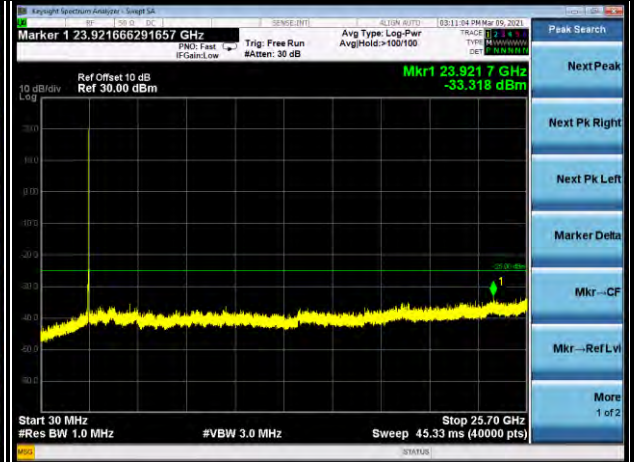
CHANNEL 20800

FREQUENCY RANG2E : 30MHz~25.7GHz



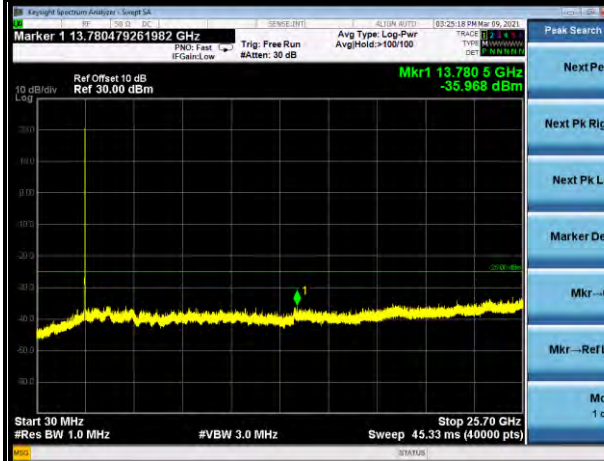
CHANNEL 21100

FREQUENCY RANG2E : 30MHz~25.7GHz



CHANNEL 21400

FREQUENCY RANG2E : 30MHz~25.7GHz





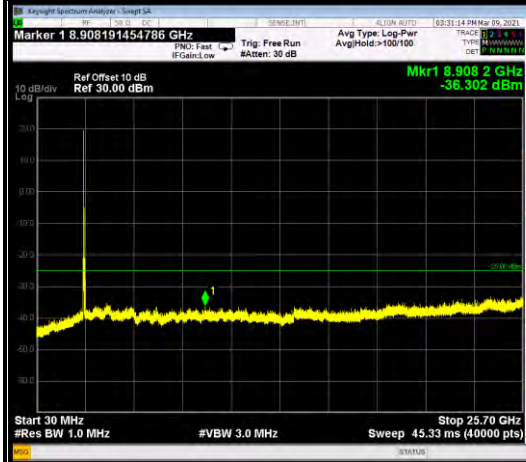
BUREAU VERITAS

Test Report No.: RFA210218W001-5

15MHz / QPSK

CHANNEL 20825

FREQUENCY RANG2E : 30MHz~25.7GHz



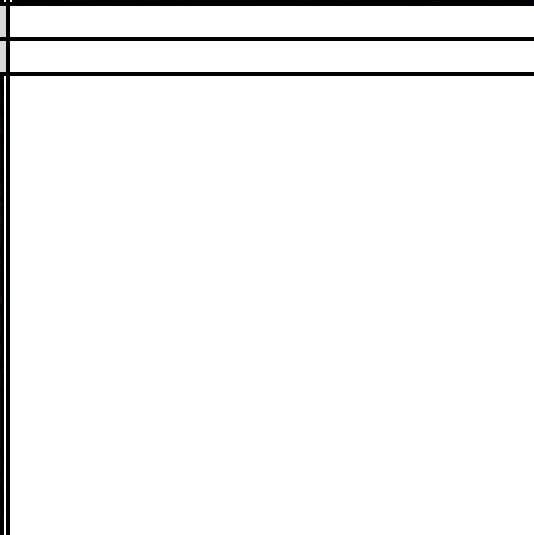
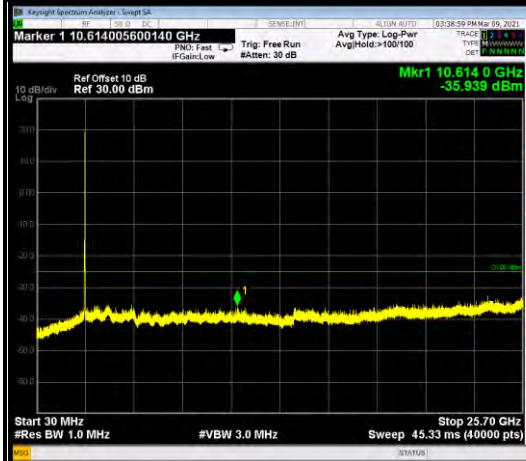
CHANNEL 21100

FREQUENCY RANG2E : 30MHz~25.7GHz



CHANNEL 21375

FREQUENCY RANG2E : 30MHz~25.7GHz





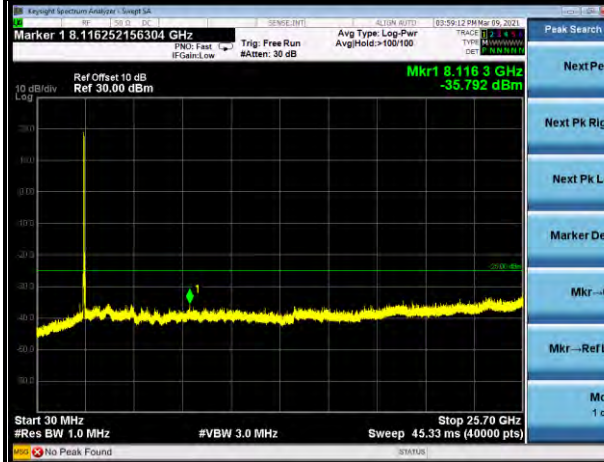
BUREAU VERITAS

Test Report No.: RFA210218W001-5

20MHz / QPSK

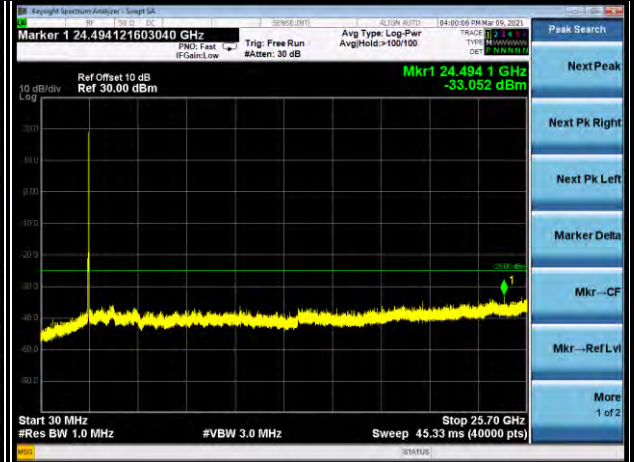
CHANNEL 20850

FREQUENCY RANG2E : 30MHz~25.7GHz



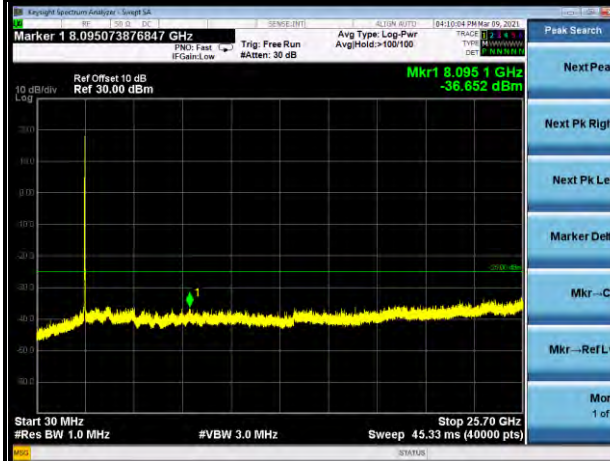
CHANNEL 21100

FREQUENCY RANG2E : 30MHz~25.7GHz



CHANNEL 21350

FREQUENCY RANG2E : 30MHz~25.7GHz

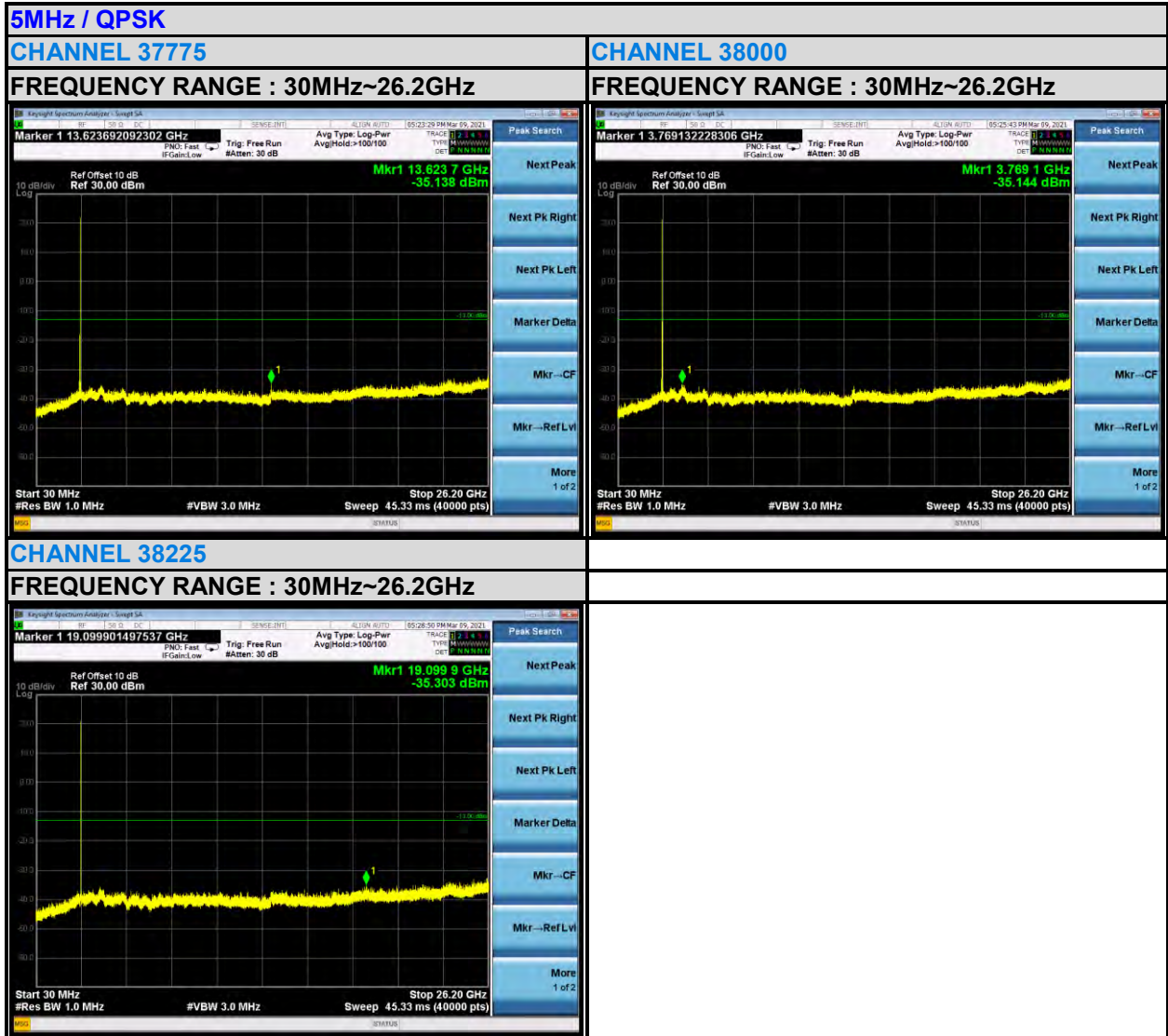




BUREAU VERITAS

Test Report No.: RFA210218W001-5

LTE BAND 38





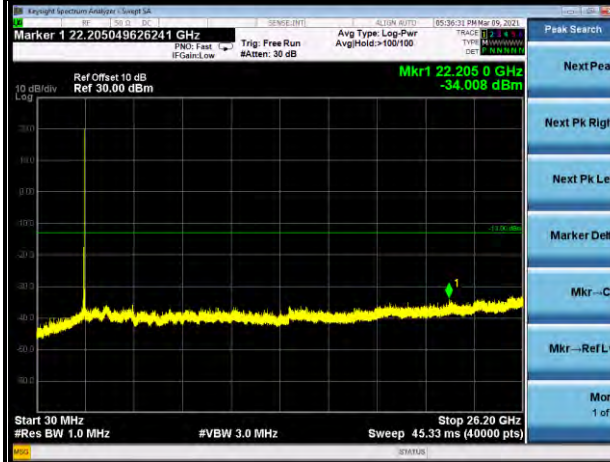
BUREAU VERITAS

Test Report No.: RFA210218W001-5

10MHz / QPSK

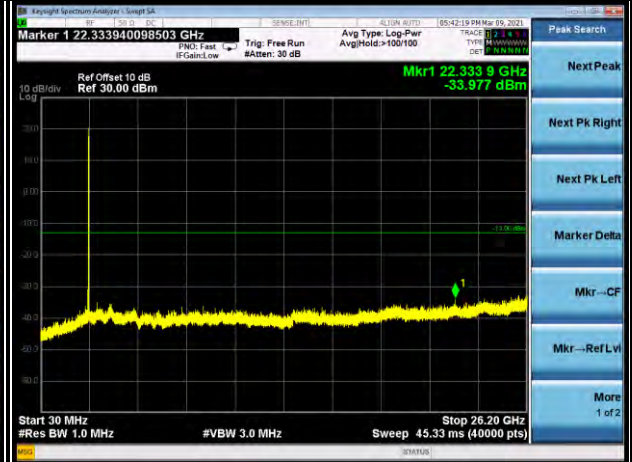
CHANNEL 37800

FREQUENCY RANGE : 30MHz~26.2GHz



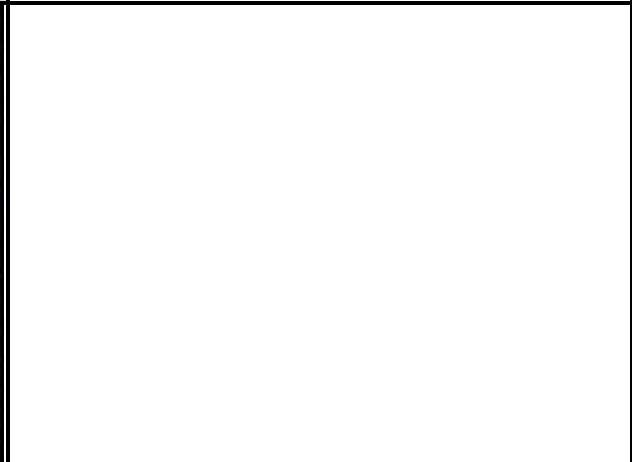
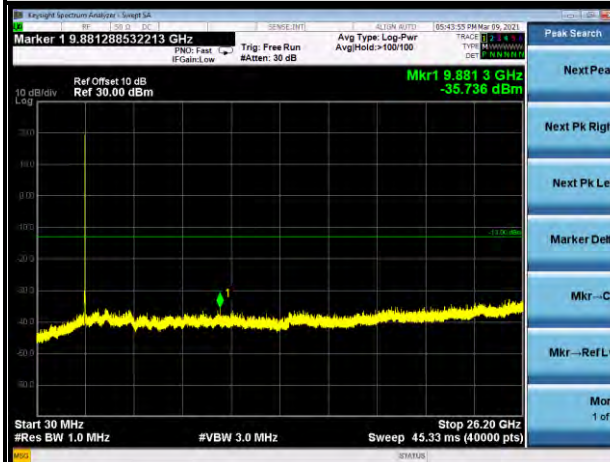
CHANNEL 38000

FREQUENCY RANGE : 30MHz~26.2GHz



CHANNEL 38200

FREQUENCY RANGE : 30MHz~26.2GHz





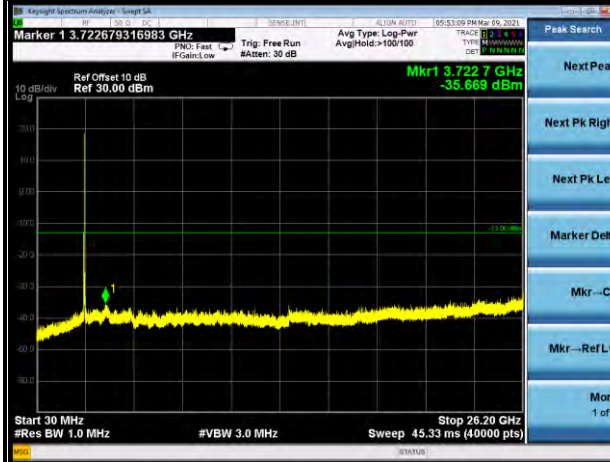
BUREAU VERITAS

Test Report No.: RFA210218W001-5

15MHz / QPSK

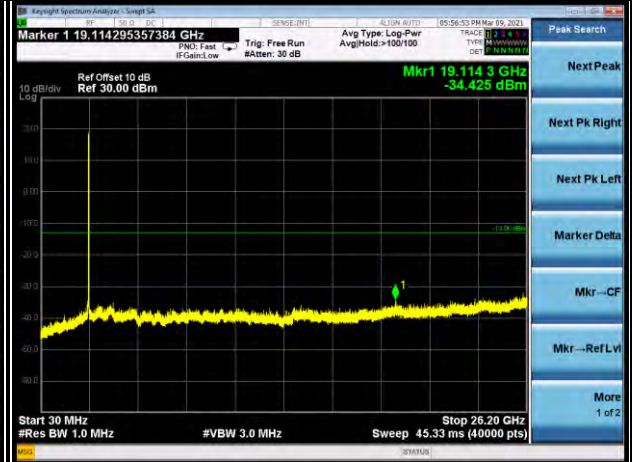
CHANNEL 37825

FREQUENCY RANGE : 30MHz~26.2GHz



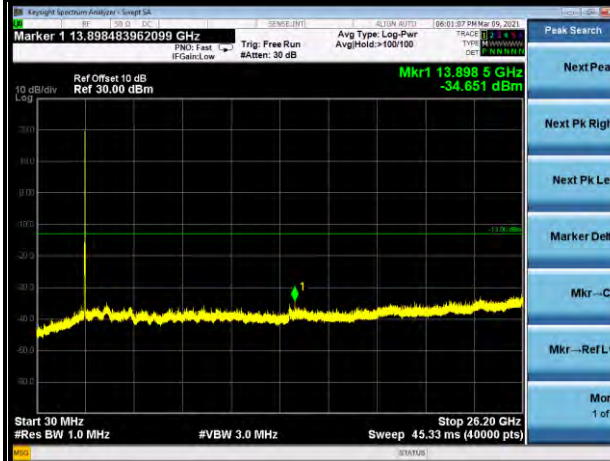
CHANNEL 38000

FREQUENCY RANGE : 30MHz~26.2GHz



CHANNEL 38175

FREQUENCY RANGE : 30MHz~26.2GHz





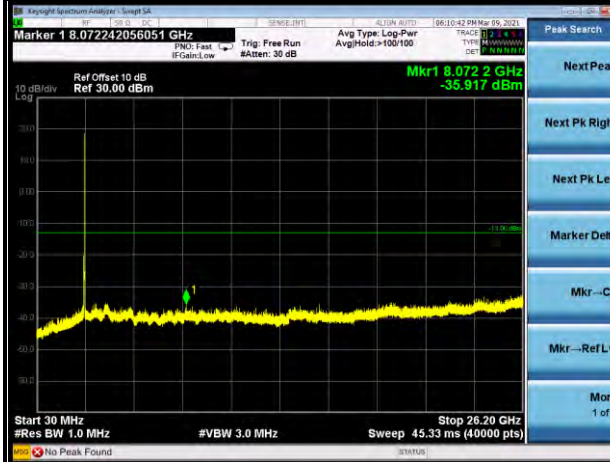
BUREAU VERITAS

Test Report No.: RFA210218W001-5

20MHz / QPSK

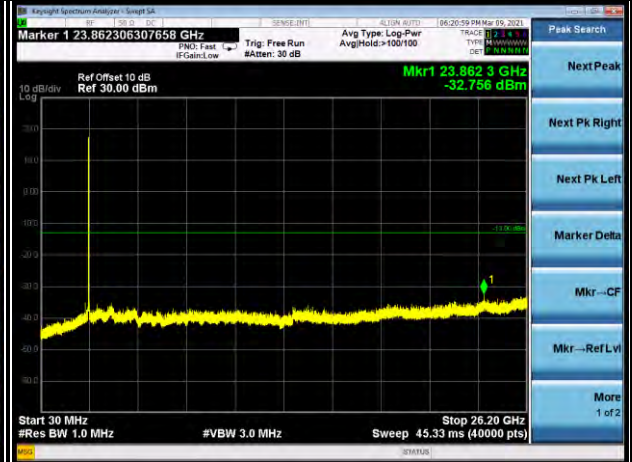
CHANNEL 37850

FREQUENCY RANGE : 30MHz~26.2GHz



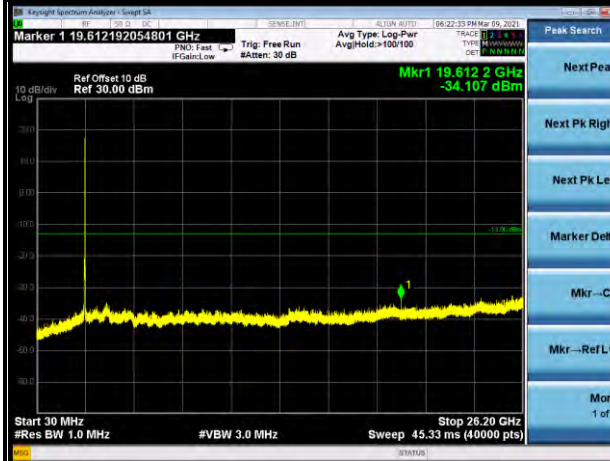
CHANNEL 38000

FREQUENCY RANGE : 30MHz~26.2GHz



CHANNEL 38150

FREQUENCY RANGE : 30MHz~26.2GHz





BUREAU VERITAS

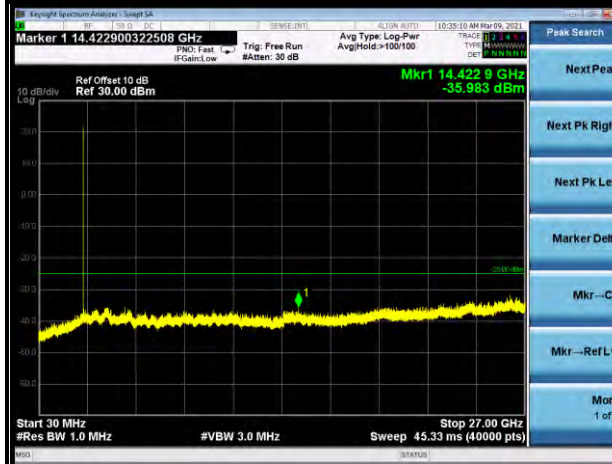
Test Report No.: RFA210218W001-5

LTE BAND 41

5MHz / QPSK

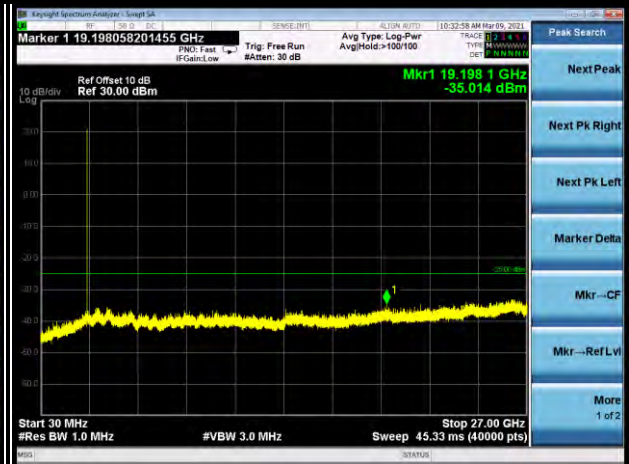
CHANNEL 39675

FREQUENCY RANGE : 30MHz~27GHz



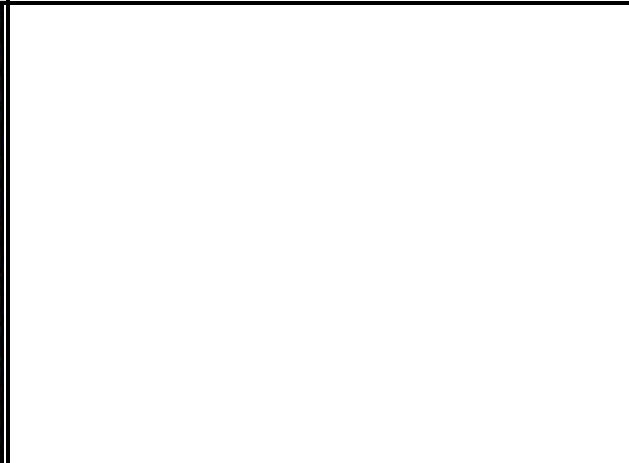
CHANNEL 40620

FREQUENCY RANGE : 30MHz~27GHz



CHANNEL 41565

FREQUENCY RANGE : 30MHz~27GHz





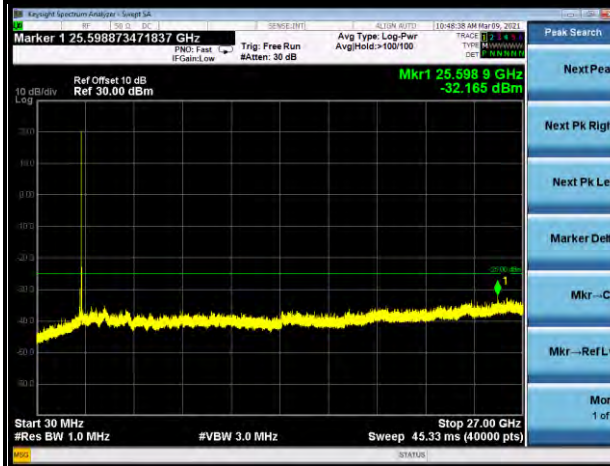
BUREAU VERITAS

Test Report No.: RFA210218W001-5

10MHz / QPSK

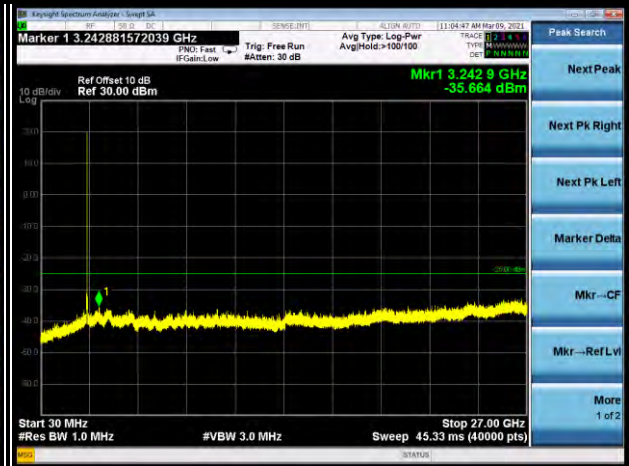
CHANNEL 39700

FREQUENCY RANGE : 30MHz~27GHz



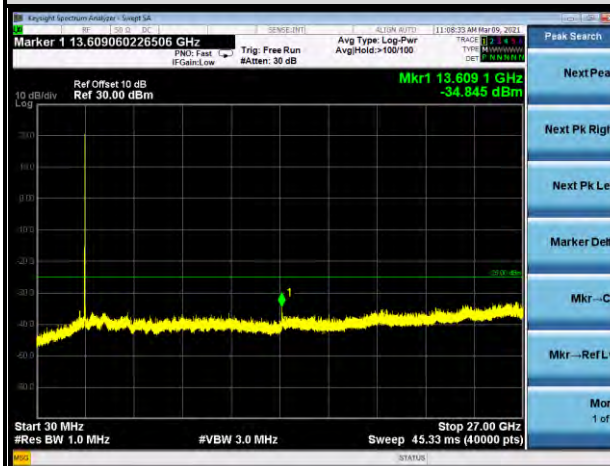
CHANNEL 40620

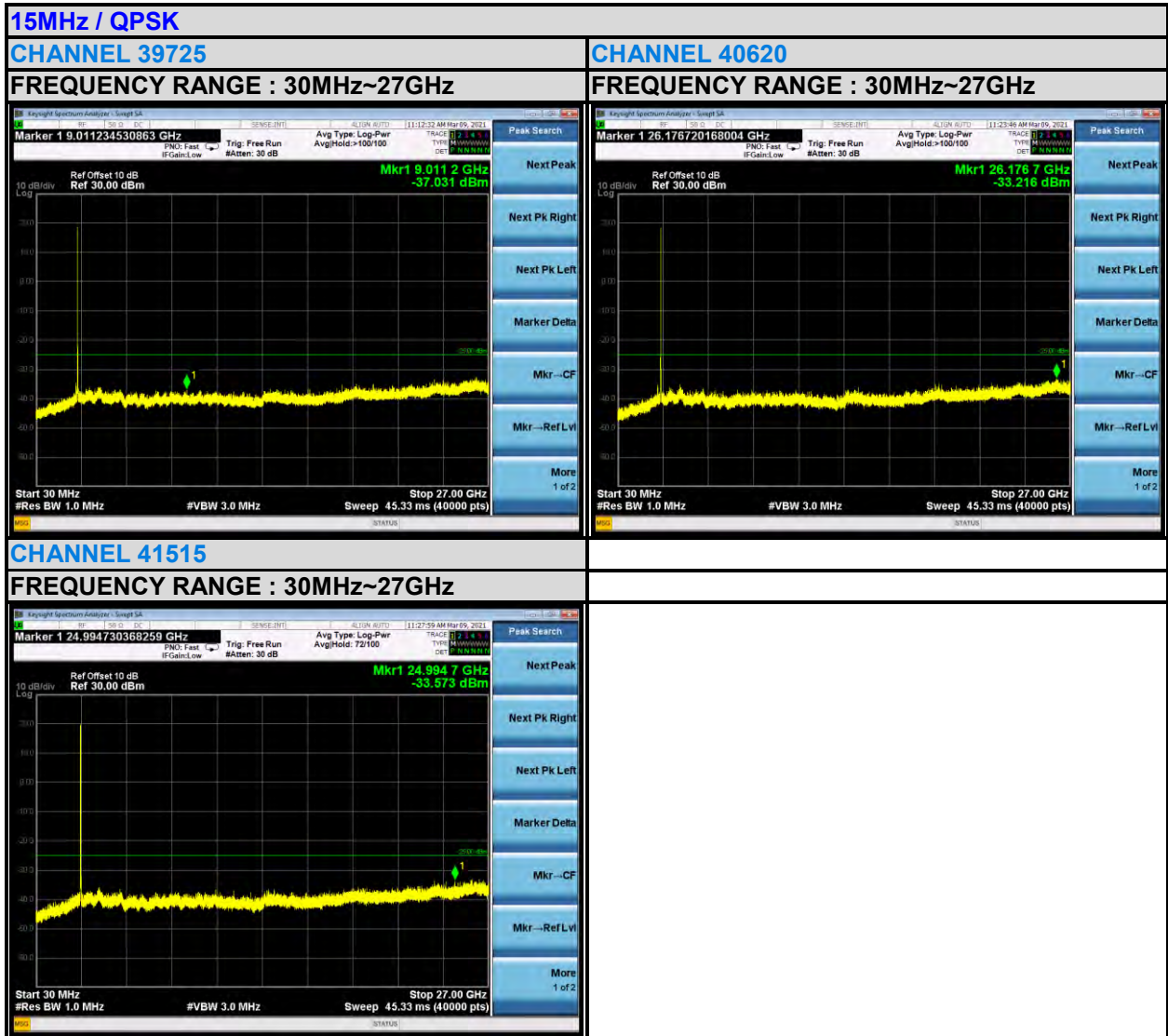
FREQUENCY RANGE : 30MHz~27GHz



CHANNEL 41540

FREQUENCY RANGE : 30MHz~27GHz







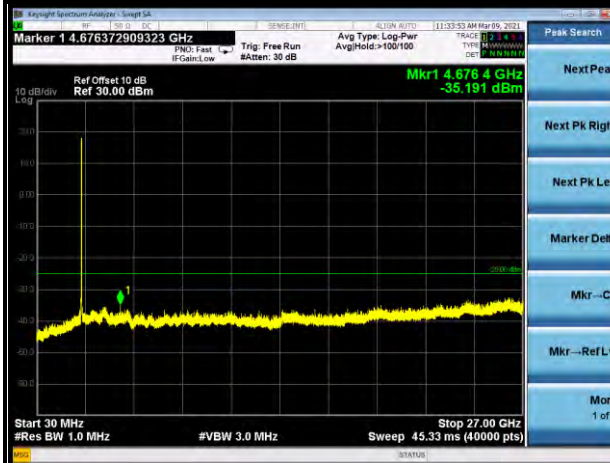
BUREAU VERITAS

Test Report No.: RFA210218W001-5

20MHz / QPSK

CHANNEL 39750

FREQUENCY RANGE : 30MHz~27GHz



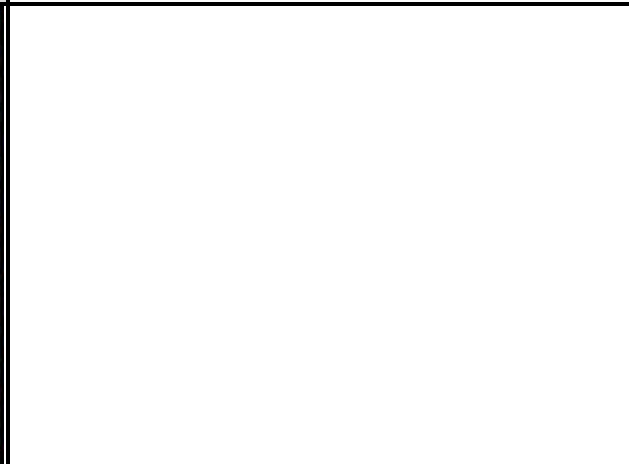
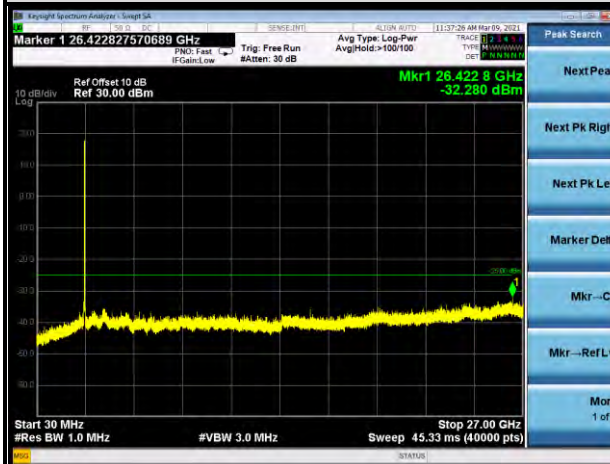
CHANNEL 40620

FREQUENCY RANGE : 30MHz~27GHz



CHANNEL 41490

FREQUENCY RANGE : 30MHz~27GHz





BUREAU
VERITAS

Test Report No.: RFA210218W001-5

3.6 RADIATED EMISSION MEASUREMENT

3.6.1 LIMITS OF RADIATED EMISSION MEASUREMENT

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $55 + 10 \log_{10}(P)$ dB. The limit of emission is equal to -25dBm.

3.6.2 TEST PROCEDURES

- a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value " of step a. Record the power level of S.G.
- c. EIRP = Output power level of S.G – TX cable loss + Antenna gain of substitution horn.
- d. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, E.R.P power = E.I.P.R power - 2.15dBi.

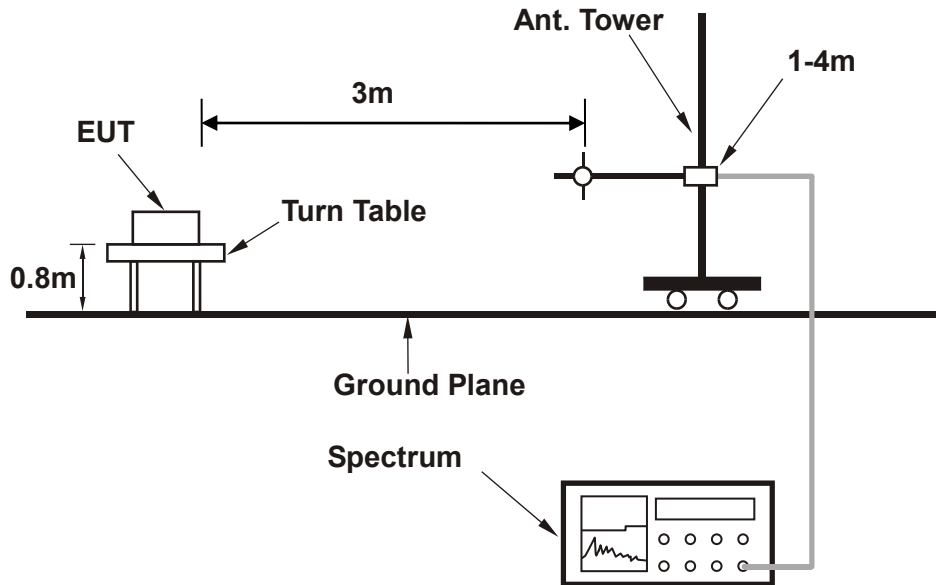
NOTE: The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz.

3.6.3 DEVIATION FROM TEST STANDARD

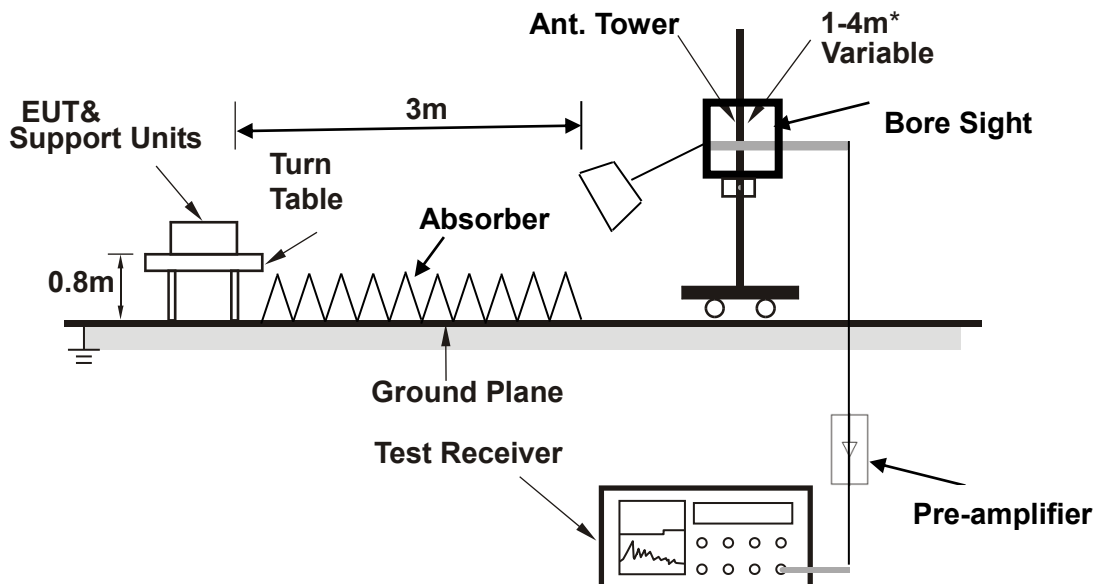
No deviation

3.6.4 TEST SETUP

< Frequency Range 30MHz~1GHz >



<Frequency Range above 1GHz>



Note: Above 1G is a directional antenna depends on the EUT height and the antenna 3dB beamwidth both, refer to section 7.3 of CISPR 16-2-3.

For the actual test configuration, please refer to the attached file (Test Setup Photo).



Test Report No.: RFA210218W001-5

3.6.5 TEST RESULTS

BELOW 1GHz WORST-CASE DATA

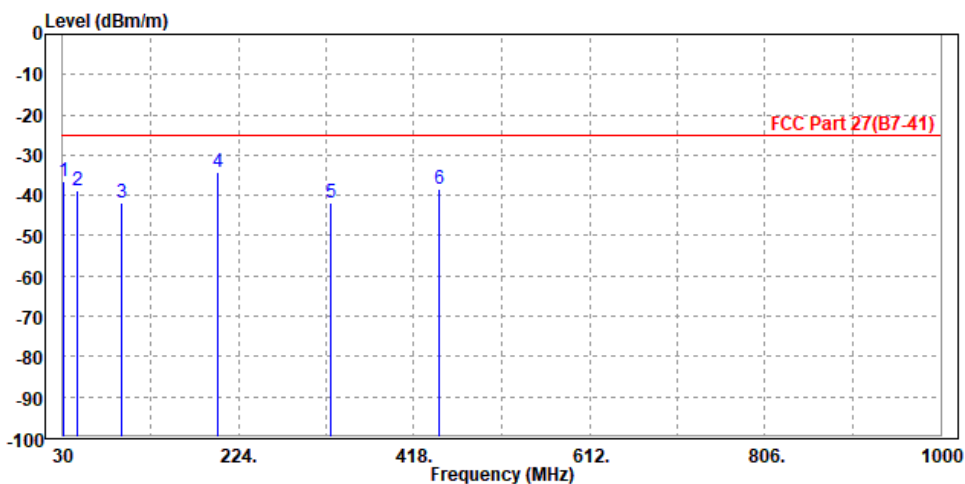
30 MHz – 1GHz data:

LTE Band 7

CHANNEL BANDWIDTH: 5MHz / QPSK

MODE	TX channel 21100	FREQUENCY RANGE	Below 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	30.970	-36.58	-57.00	-25.00	-11.58	20.42	Peak	Horizontal
2	46.490	-38.69	-48.86	-25.00	-13.69	10.17	Peak	Horizontal
3	94.990	-41.91	-50.61	-25.00	-16.91	8.70	Peak	Horizontal
4 PP	200.720	-34.38	-44.43	-25.00	-9.38	10.05	Peak	Horizontal
5	325.850	-41.67	-56.10	-25.00	-16.67	14.43	Peak	Horizontal
6	446.130	-38.59	-56.50	-25.00	-13.59	17.91	Peak	Horizontal

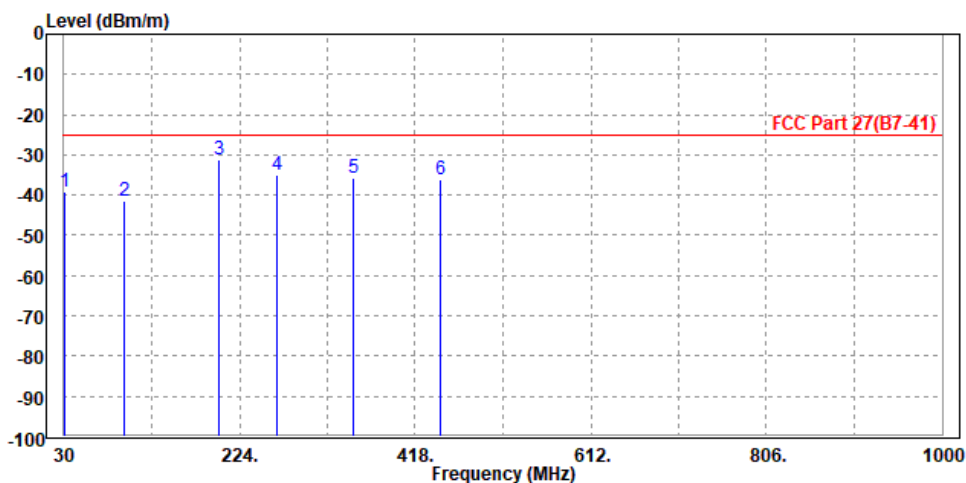




Test Report No.: RFA210218W001-5

MODE	TX channel 21100	FREQUENCY RANGE	Below 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	30.970	-39.01	-59.42	-25.00	-14.01	20.41	Peak	Vertical
2	96.930	-41.42	-50.27	-25.00	-16.42	8.85	Peak	Vertical
3 PP	200.720	-31.01	-41.06	-25.00	-6.01	10.05	Peak	Vertical
4	264.740	-35.14	-48.67	-25.00	-10.14	13.53	Peak	Vertical
5	350.100	-35.65	-50.85	-25.00	-10.65	15.20	Peak	Vertical
6	446.130	-36.27	-54.18	-25.00	-11.27	17.91	Peak	Vertical





BUREAU VERITAS

Test Report No.: RFA210218W001-5

ABOVE 1GHz

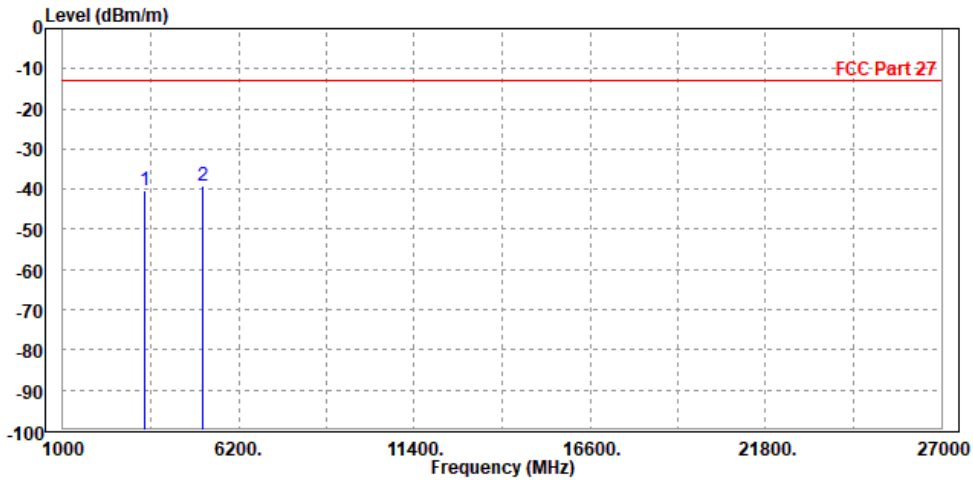
Note: For higher frequency, the emission is too low to be detected.

WCDMA Band IV:

CH 1312

MODE	TX channel 1312	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Rose Ma		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3418.000	-40.12	-48.71	-13.00	-27.12	8.59	Peak	Horizontal
2	PP 5136.000	-39.19	-48.12	-13.00	-26.19	8.93	Peak	Horizontal

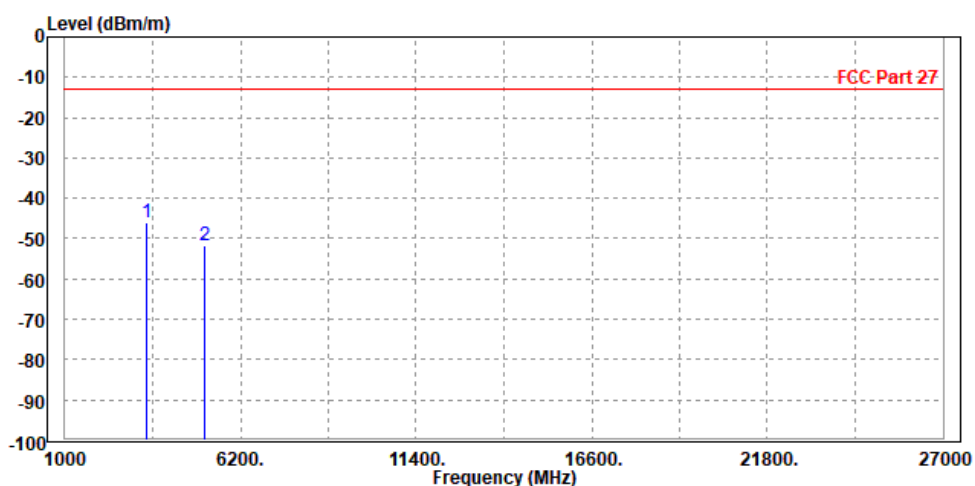




Test Report No.: RFA210218W001-5

MODE	TX channel 1312	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Rose Ma		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 3418.000	-45.95	-55.06	-13.00	-32.95	9.11	Peak	Vertical
2	5136.000	-51.56	-61.41	-13.00	-38.56	9.85	Peak	Vertical





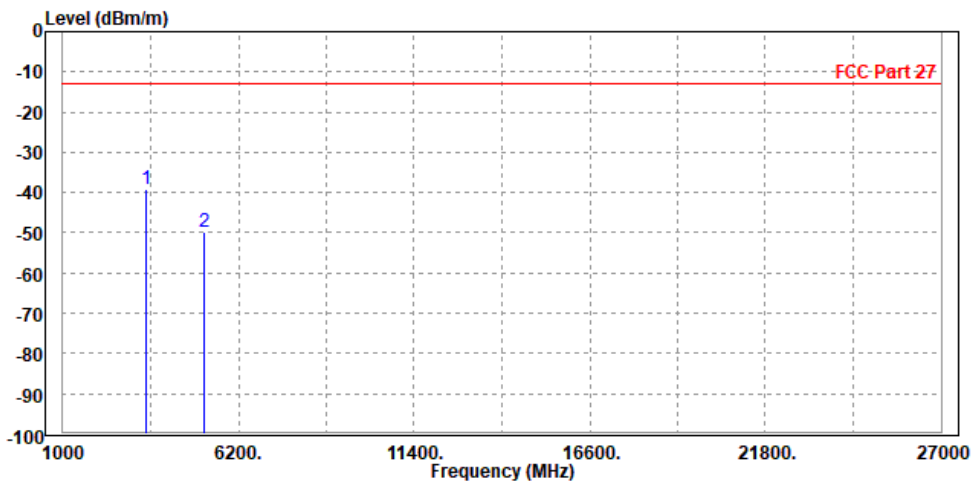
**BUREAU
VERITAS**

CH 1413

Test Report No.: RFA210218W001-5

MODE	TX channel 1413	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Rose Ma		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 3470.000	-39.15	-47.73	-13.00	-26.15	8.58	Peak	Horizontal
2	5197.000	-49.72	-58.83	-13.00	-36.72	9.11	Peak	Horizontal

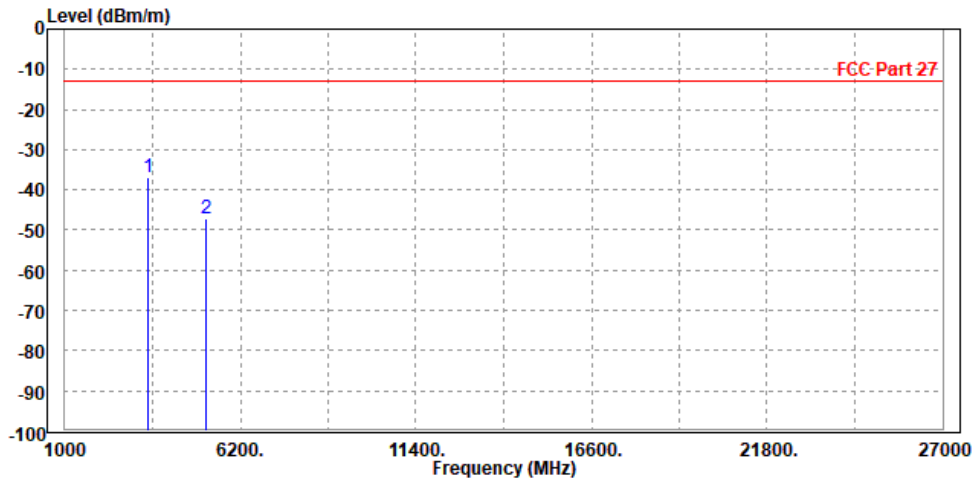




Test Report No.: RFA210218W001-5

MODE	TX channel 1413	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Rose Ma		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 3470.000	-36.98	-46.14	-13.00	-23.98	9.16	Peak	Vertical
2	5197.000	-46.99	-56.81	-13.00	-33.99	9.82	Peak	Vertical





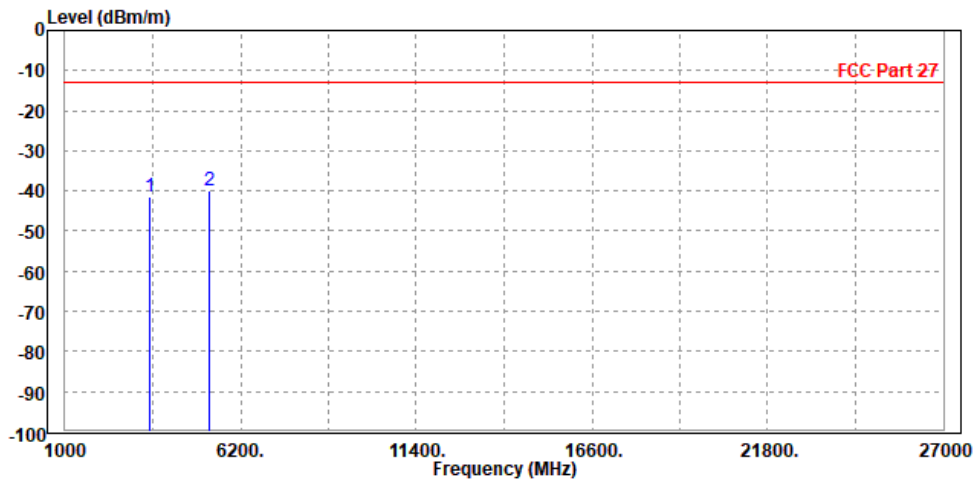
**BUREAU
VERITAS**

CH 1513

Test Report No.: RFA210218W001-5

MODE	TX channel 1513	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Rose Ma		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3496.000	-41.35	-49.92	-13.00	-28.35	8.57	Peak	Horizontal
2	PP 5256.000	-40.08	-49.37	-13.00	-27.08	9.29	Peak	Horizontal



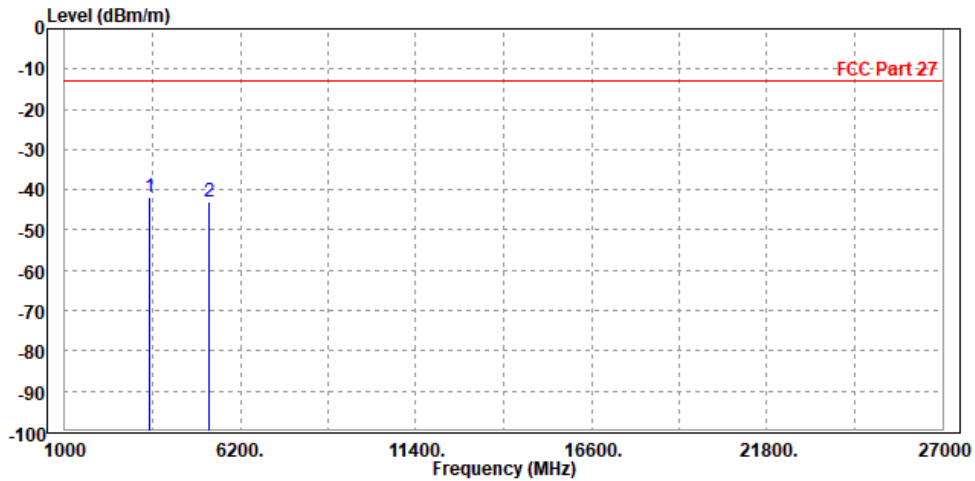


**BUREAU
VERITAS**

Test Report No.: RFA210218W001-5

MODE	TX channel 1513	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Rose Ma		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 3496.000	-41.82	-51.01	-13.00	-28.82	9.19	Peak	Vertical
2	5256.000	-42.86	-52.66	-13.00	-29.86	9.80	Peak	Vertical





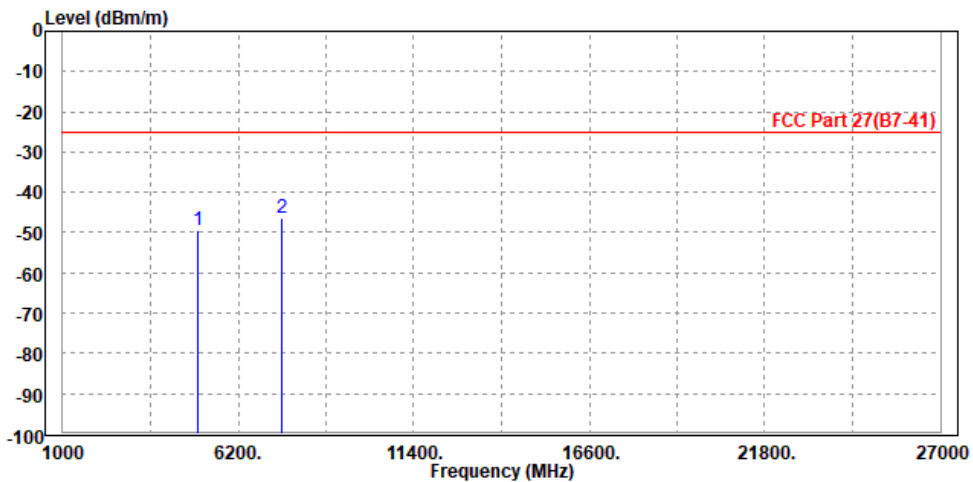
BUREAU
VERITAS

Test Report No.: RFA210218W001-5

LTE Band 7
CHANNEL BANDWIDTH: 5MHz / QPSK
CH 20775

MODE	TX channel 20775	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5004.000	-49.46	-58.00	-25.00	-24.46	8.54	Peak	Horizontal
2 PP	7507.500	-46.44	-57.80	-25.00	-21.44	11.36	Peak	Horizontal

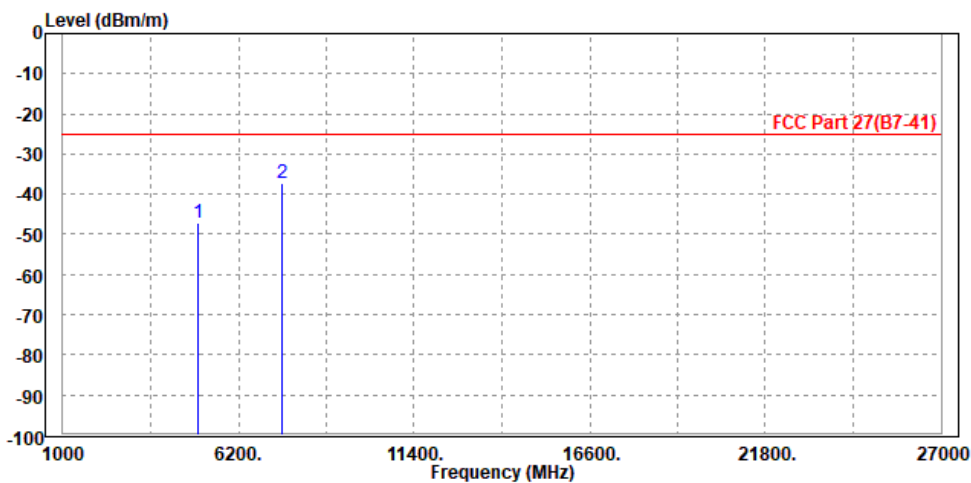




Test Report No.: RFA210218W001-5

MODE	TX channel 20775	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5004.000	-47.15	-57.05	-25.00	-22.15	9.90	Peak	Vertical
2 PP	7507.500	-37.09	-49.83	-25.00	-12.09	12.74	Peak	Vertical





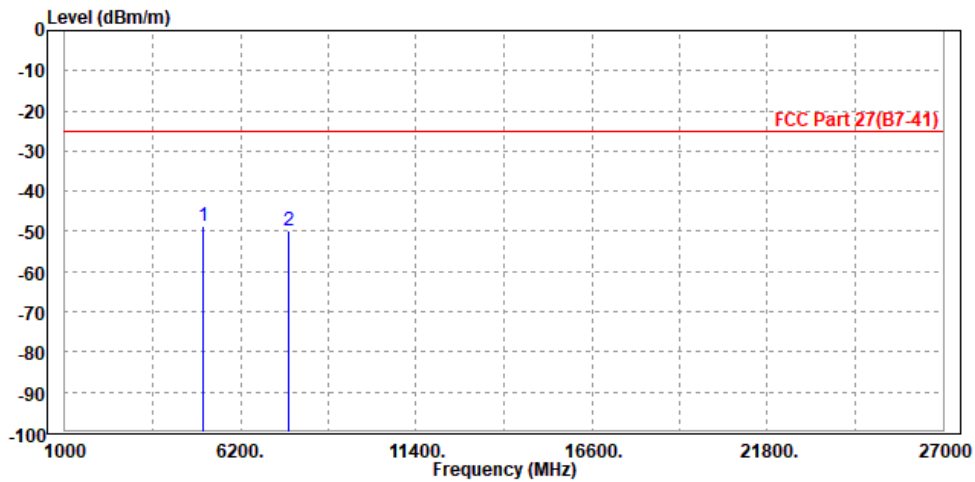
**BUREAU
VERITAS**

Test Report No.: RFA210218W001-5

CH 21100

MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Read Level	Limit Level	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m	
1	PP 5082.000	-48.50	-57.27	-25.00	-23.50	8.77	Peak Horizontal
2	7605.000	-49.85	-61.25	-25.00	-24.85	11.40	Peak Horizontal

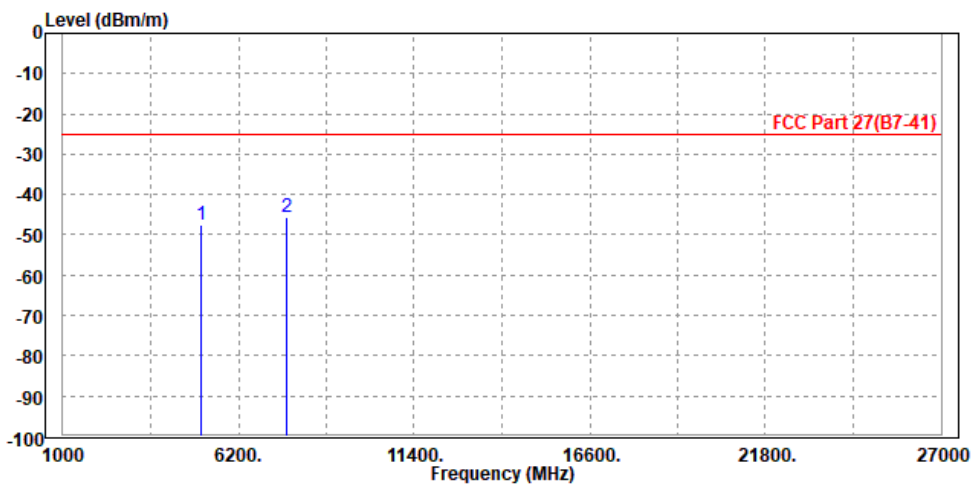




Test Report No.: RFA210218W001-5

MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5082.000	-47.64	-57.51	-25.00	-22.64	9.87	Peak	Vertical
2	PP 7605.000	-45.49	-58.27	-25.00	-20.49	12.78	Peak	Vertical





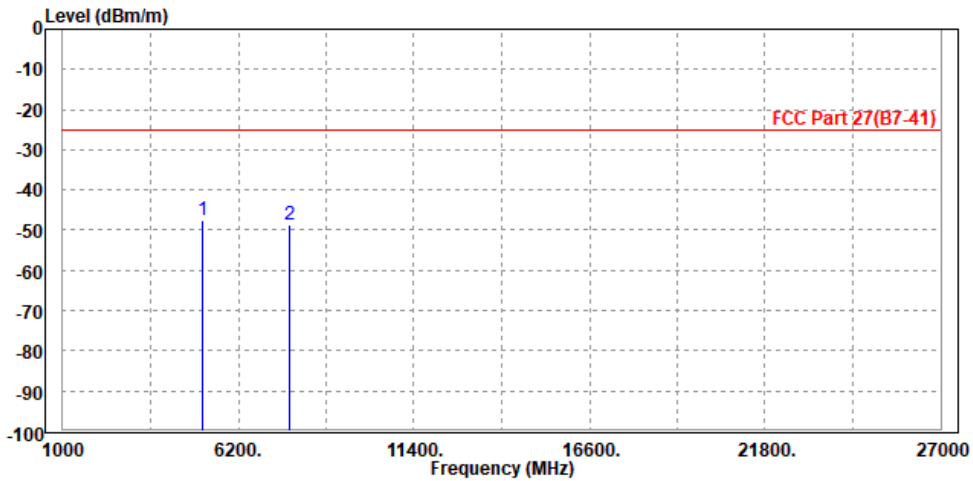
**BUREAU
VERITAS**

Test Report No.: RFA210218W001-5

CH 21425

MODE	TX channel 21425	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 5134.000	-47.61	-56.54	-25.00	-22.61	8.93	Peak	Horizontal
2	7708.000	-48.55	-59.99	-25.00	-23.55	11.44	Peak	Horizontal

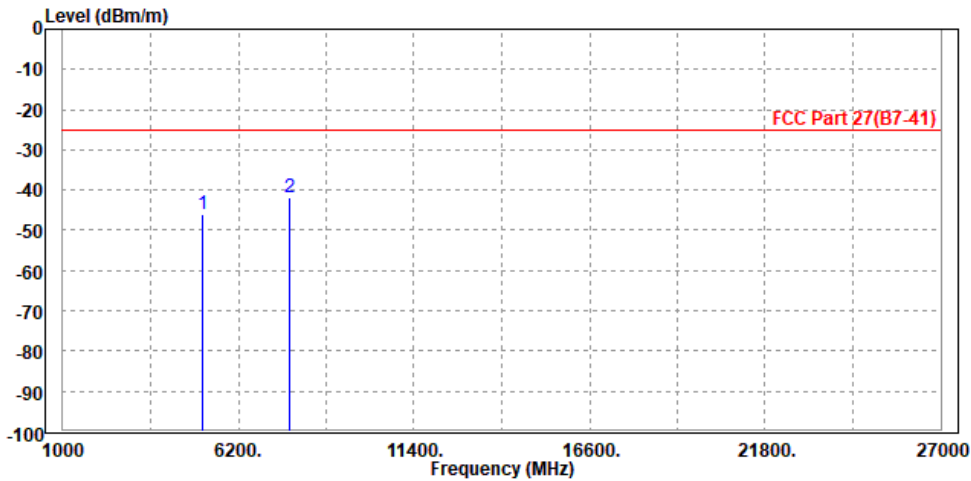




Test Report No.: RFA210218W001-5

MODE	TX channel 21425	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5134.000	-46.18	-56.03	-25.00	-21.18	9.85	Peak	Vertical
2 PP	7702.500	-41.91	-54.73	-25.00	-16.91	12.82	Peak	Vertical





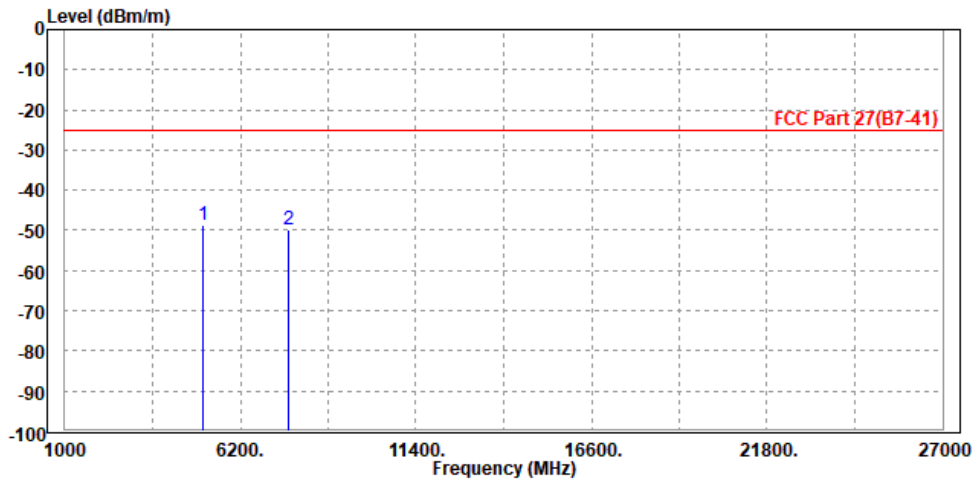
BUREAU VERITAS

Test Report No.: RFA210218W001-5

CHANNEL BANDWIDTH: 10MHz / QPSK

MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 5082.000	-48.50	-57.27	-25.00	-23.50	8.77	Peak	Horizontal
2	7605.000	-49.85	-61.25	-25.00	-24.85	11.40	Peak	Horizontal

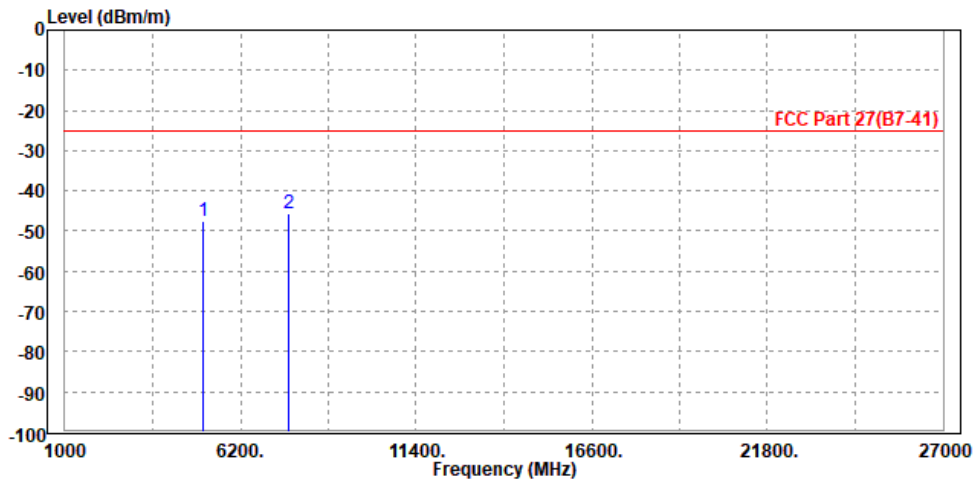




Test Report No.: RFA210218W001-5

MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5082.000	-47.64	-57.51	-25.00	-22.64	9.87	Peak	Vertical
2	PP 7605.000	-45.49	-58.27	-25.00	-20.49	12.78	Peak	Vertical





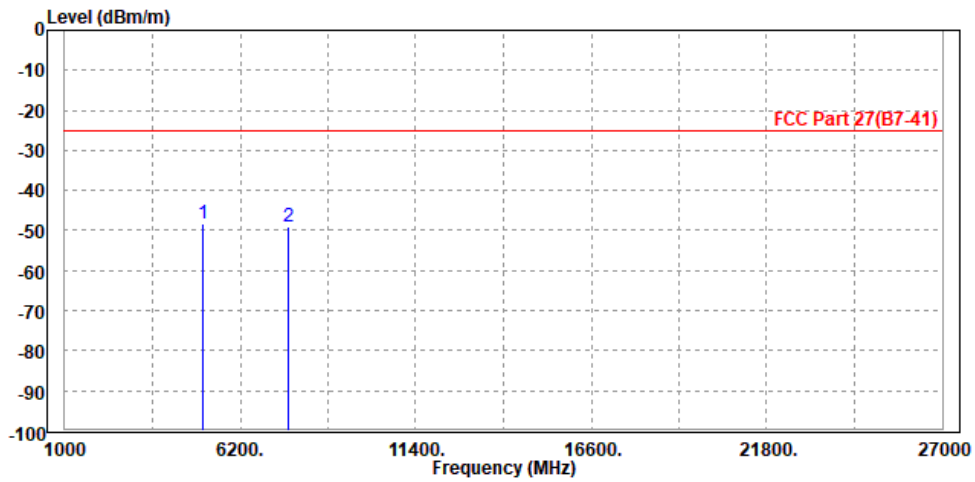
BUREAU VERITAS

Test Report No.: RFA210218W001-5

CHANNEL BANDWIDTH: 15MHz / QPSK

MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 5082.000	-48.41	-57.18	-25.00	-23.41	8.77	Peak	Horizontal
2	7605.000	-48.89	-60.29	-25.00	-23.89	11.40	Peak	Horizontal

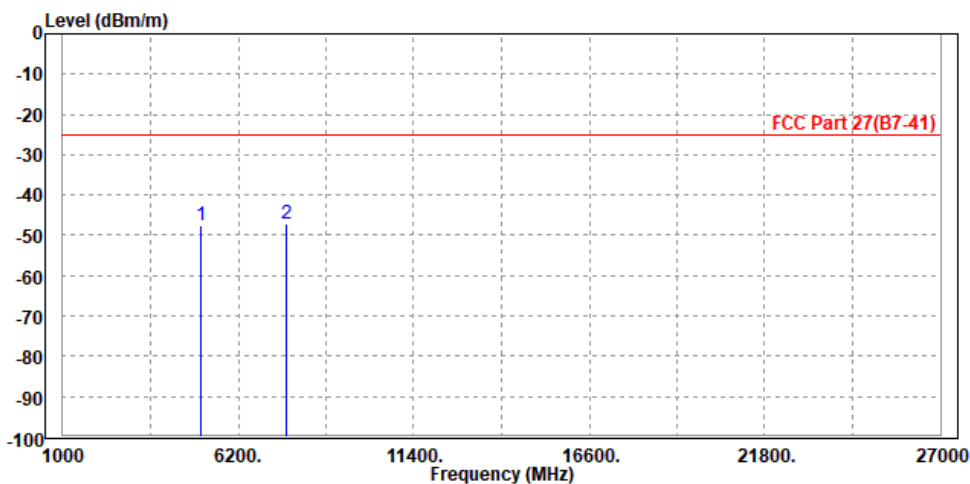




Test Report No.: RFA210218W001-5

MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5082.000	-47.43	-57.30	-25.00	-22.43	9.87	Peak	Vertical
2	PP 7605.000	-47.30	-60.08	-25.00	-22.30	12.78	Peak	Vertical





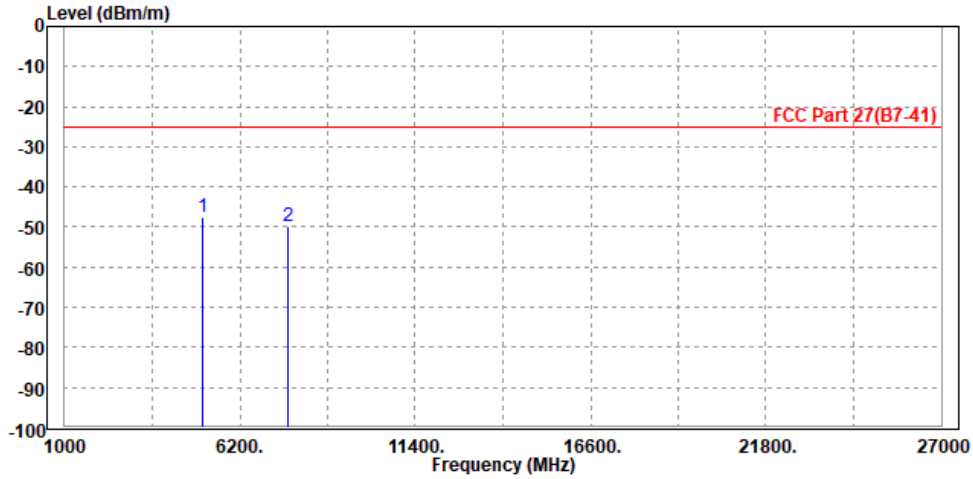
BUREAU VERITAS

Test Report No.: RFA210218W001-5

CHANNEL BANDWIDTH: 20MHz / QPSK

MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 5082.000	-47.43	-56.20	-25.00	-22.43	8.77	Peak	Horizontal
2	7605.000	-49.78	-61.18	-25.00	-24.78	11.40	Peak	Horizontal

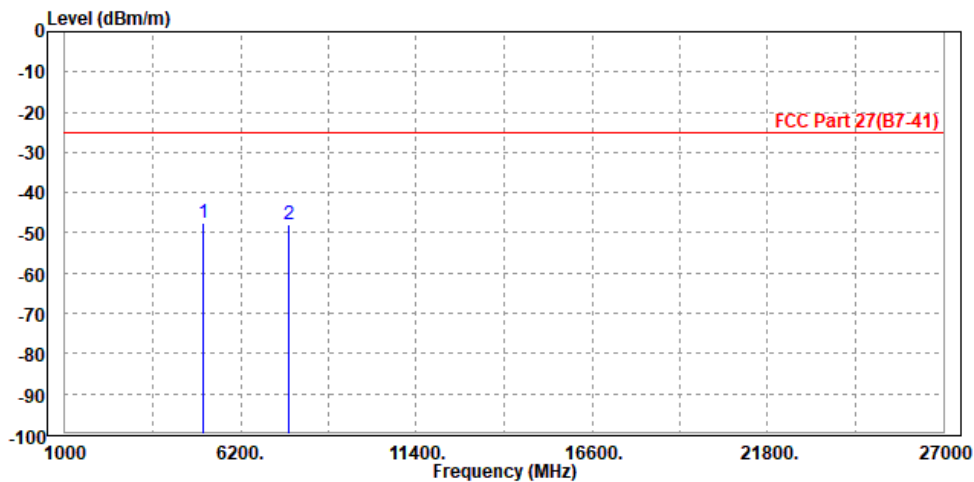




Test Report No.: RFA210218W001-5

MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 5082.000	-47.36	-57.23	-25.00	-22.36	9.87	Peak	Vertical
2	7605.000	-47.95	-60.73	-25.00	-22.95	12.78	Peak	Vertical





**BUREAU
VERITAS**

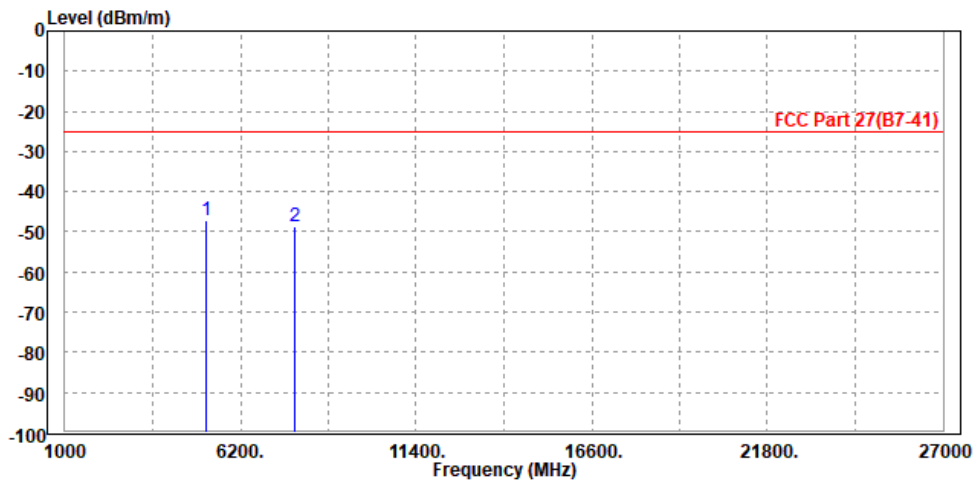
Test Report No.: RFA210218W001-5

LTE Band 38

CHANNEL BANDWIDTH: 5MHz / QPSK

MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 5186.000	-47.27	-56.35	-25.00	-22.27	9.08	Peak	Horizontal
2	7785.000	-48.80	-60.28	-25.00	-23.80	11.48	Peak	Horizontal

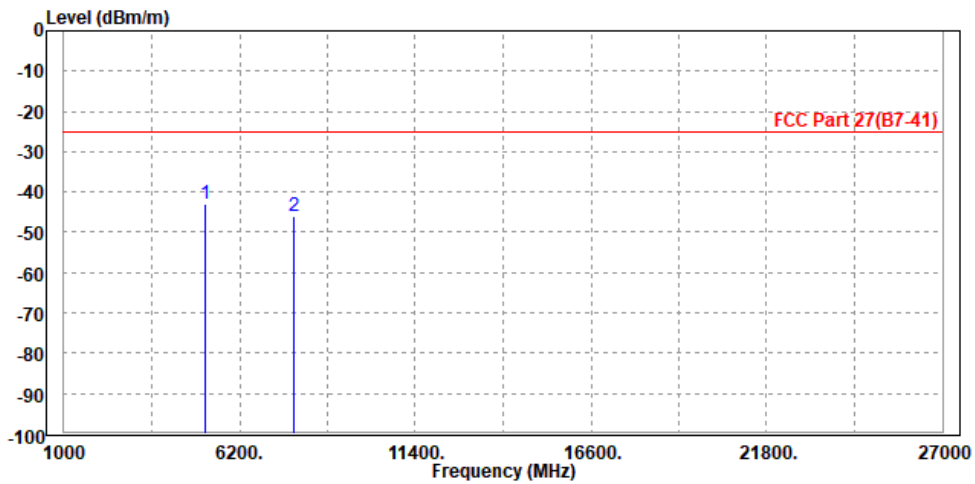




Test Report No.: RFA210218W001-5

MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 5186.000	-43.08	-52.91	-25.00	-18.08	9.83	Peak	Vertical
2	7785.000	-45.91	-58.76	-25.00	-20.91	12.85	Peak	Vertical





BUREAU VERITAS

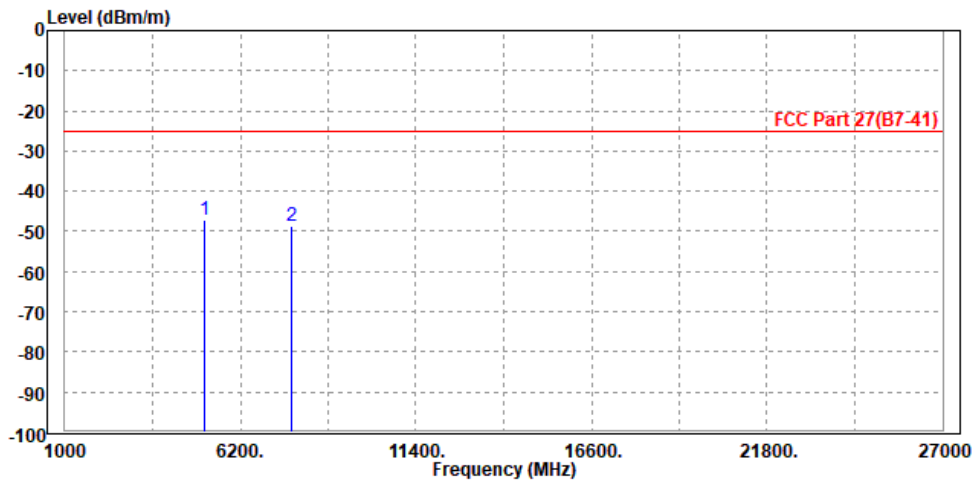
Test Report No.: RFA210218W001-5

CHANNEL BANDWIDTH: 10MHz / QPSK

CH 37800

MODE	TX channel 37800	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 5160.000	-47.27	-56.27	-25.00	-22.27	9.00	Peak	Horizontal
2	7725.000	-48.49	-59.94	-25.00	-23.49	11.45	Peak	Horizontal

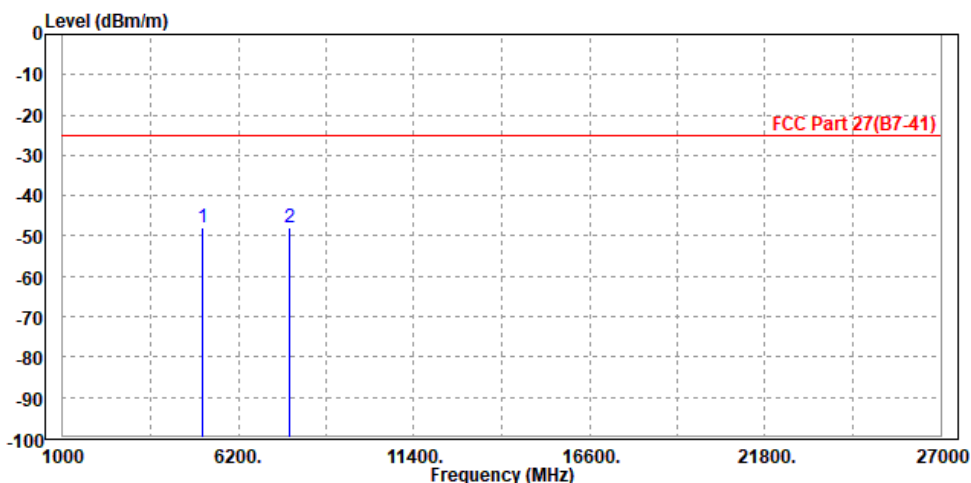




Test Report No.: RFA210218W001-5

MODE	TX channel 37800	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 5150.000	-47.89	-57.73	-25.00	-22.89	9.84	Peak	Vertical
2	7725.000	-47.98	-60.81	-25.00	-22.98	12.83	Peak	Vertical



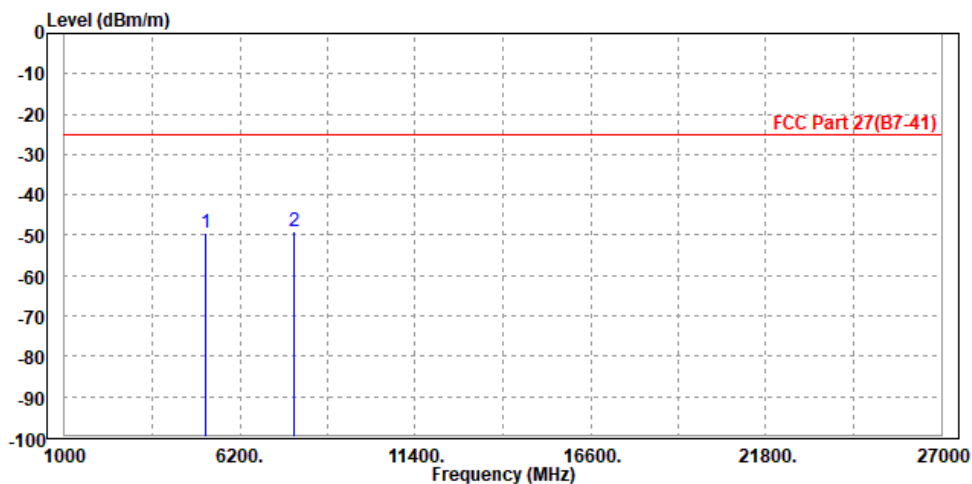


Test Report No.: RFA210218W001-5

CH 38000

MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5186.000	-49.36	-58.44	-25.00	-24.36	9.08	Peak	Horizontal
2 PP	7785.000	-48.94	-60.42	-25.00	-23.94	11.48	Peak	Horizontal

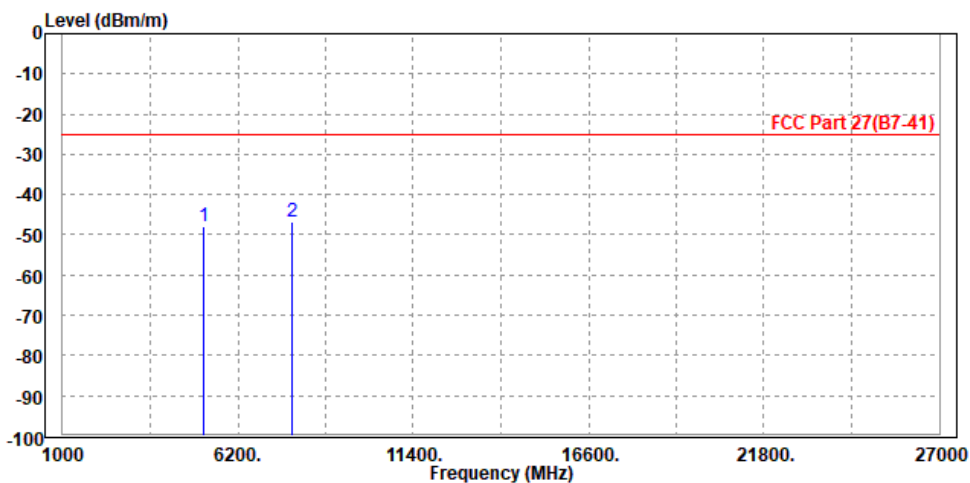




Test Report No.: RFA210218W001-5

MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5186.000	-47.74	-57.57	-25.00	-22.74	9.83	Peak	Vertical
2	PP 7785.000	-46.65	-59.50	-25.00	-21.65	12.85	Peak	Vertical





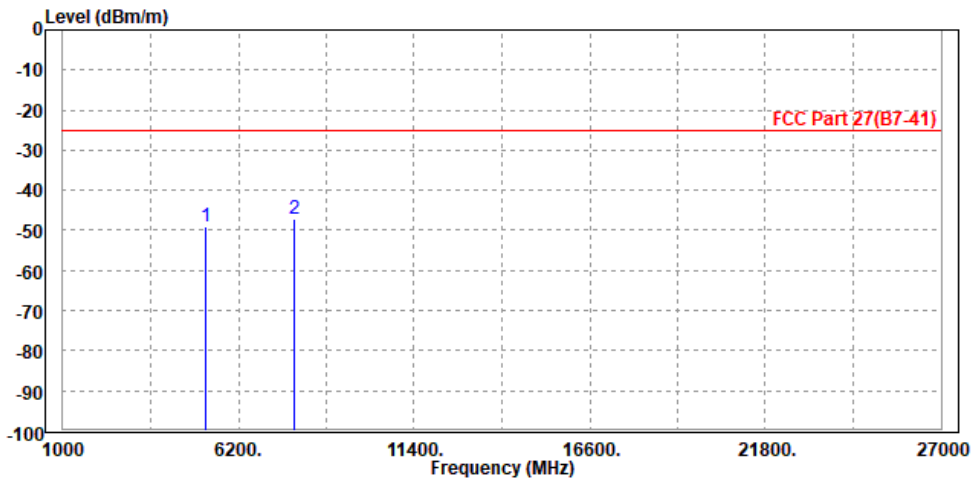
**BUREAU
VERITAS**

Test Report No.: RFA210218W001-5

CH 38200

MODE	TX channel 38200	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5238.000	-49.18	-58.42	-25.00	-24.18	9.24	Peak	Horizontal
2 PP	7845.000	-47.28	-58.78	-25.00	-22.28	11.50	Peak	Horizontal

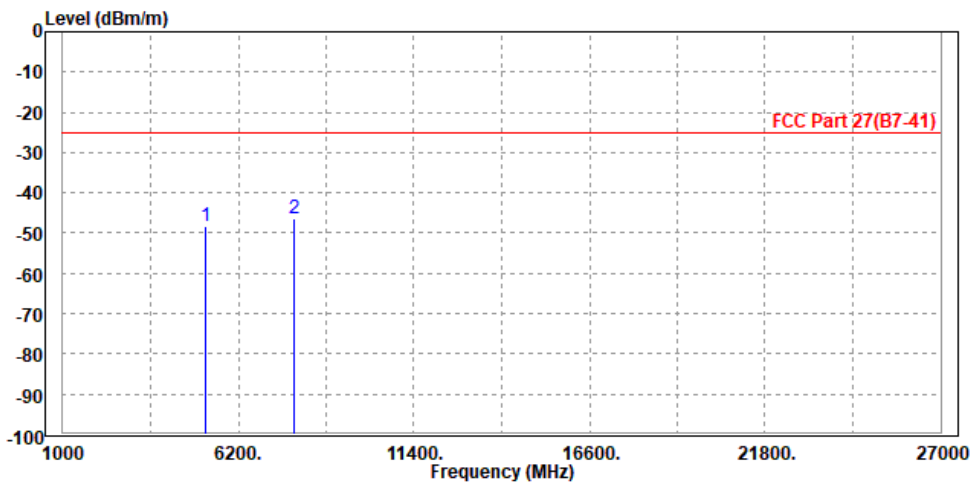




Test Report No.: RFA210218W001-5

MODE	TX channel 38200	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5238.000	-48.22	-58.03	-25.00	-23.22	9.81	Peak	Vertical
2	PP 7845.000	-46.54	-59.41	-25.00	-21.54	12.87	Peak	Vertical



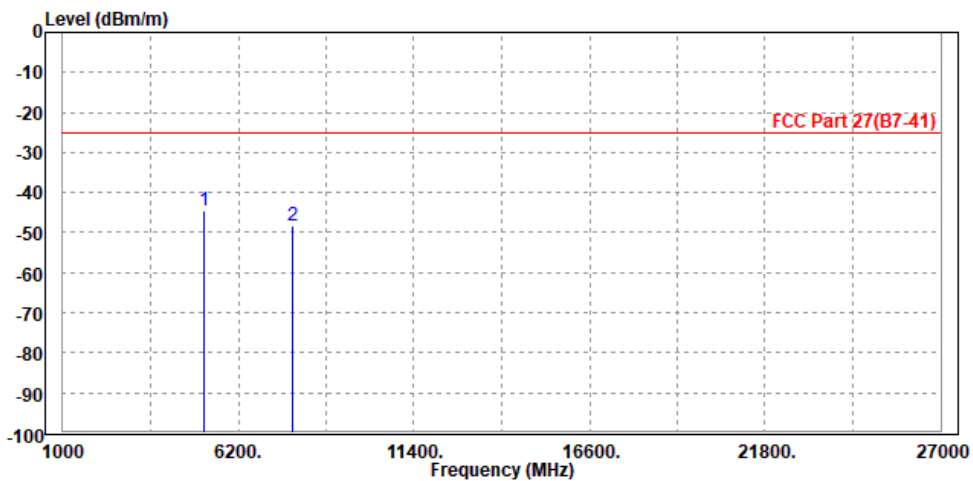


Test Report No.: RFA210218W001-5

CHANNEL BANDWIDTH: 15MHz / QPSK

MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Read	Limit	Over				
Freq	Level	Level	Line	Limit	Factor	Remark	Pol/Phase
MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PP 5186.000	-44.59	-53.67	-25.00	-19.59	9.08	Peak	Horizontal
2 7785.000	-48.25	-59.73	-25.00	-23.25	11.48	Peak	Horizontal

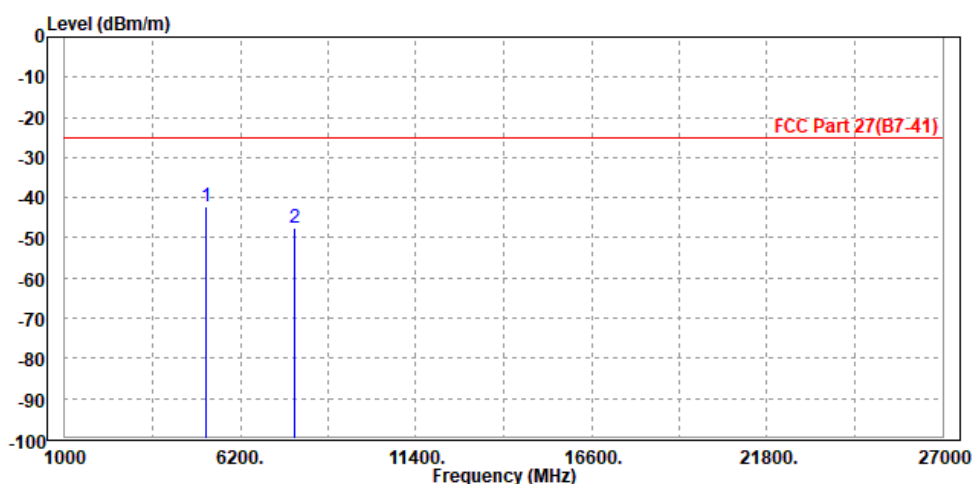




Test Report No.: RFA210218W001-5

MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Read	Limit	Over				
Freq	Level	Level	Line	Limit	Factor	Remark	Pol/Phase
MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PP 5186.000	-42.28	-52.11	-25.00	-17.28	9.83	Peak	Vertical
2 7785.000	-47.36	-60.21	-25.00	-22.36	12.85	Peak	Vertical





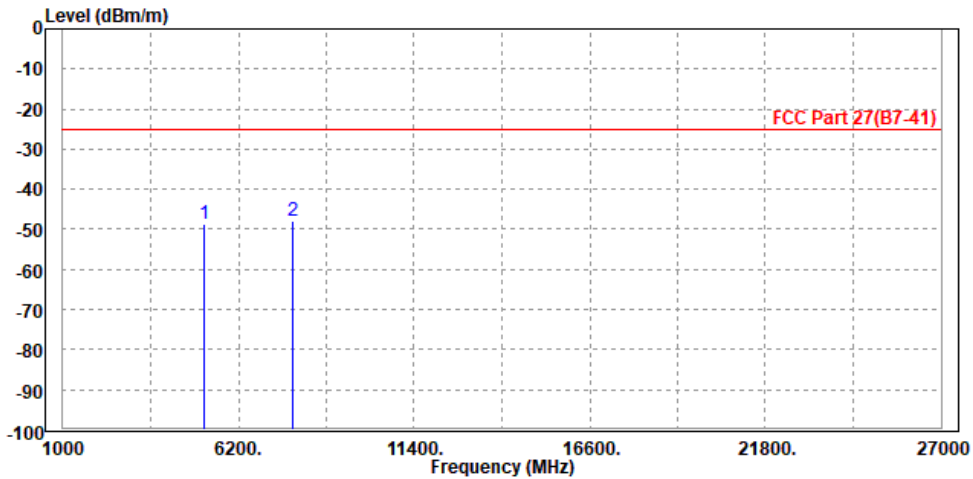
**BUREAU
VERITAS**

Test Report No.: RFA210218W001-5

CHANNEL BANDWIDTH: 20MHz / QPSK

MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5186.000	-48.70	-57.78	-25.00	-23.70	9.08	Peak	Horizontal
2 PP	7785.000	-48.01	-59.49	-25.00	-23.01	11.48	Peak	Horizontal

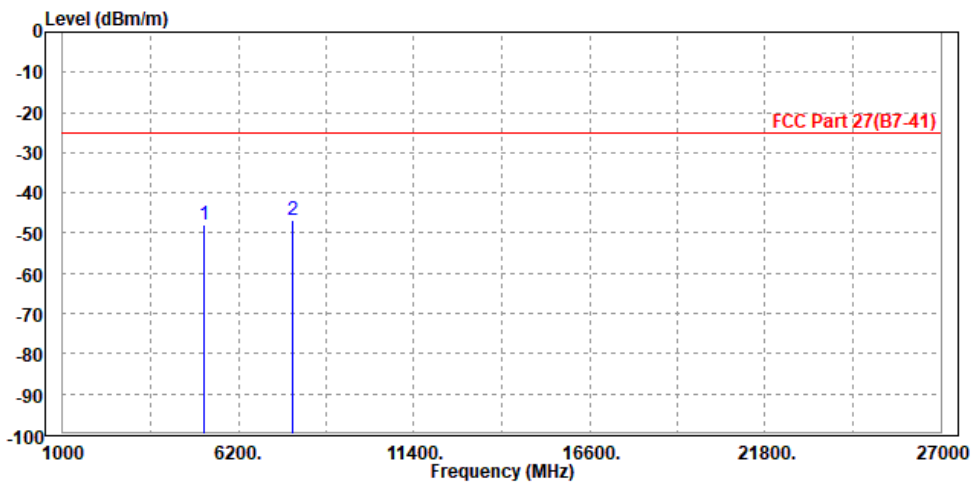




Test Report No.: RFA210218W001-5

MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5186.000	-47.74	-57.57	-25.00	-22.74	9.83	Peak	Vertical
2	PP 7785.000	-46.65	-59.50	-25.00	-21.65	12.85	Peak	Vertical





BUREAU VERITAS

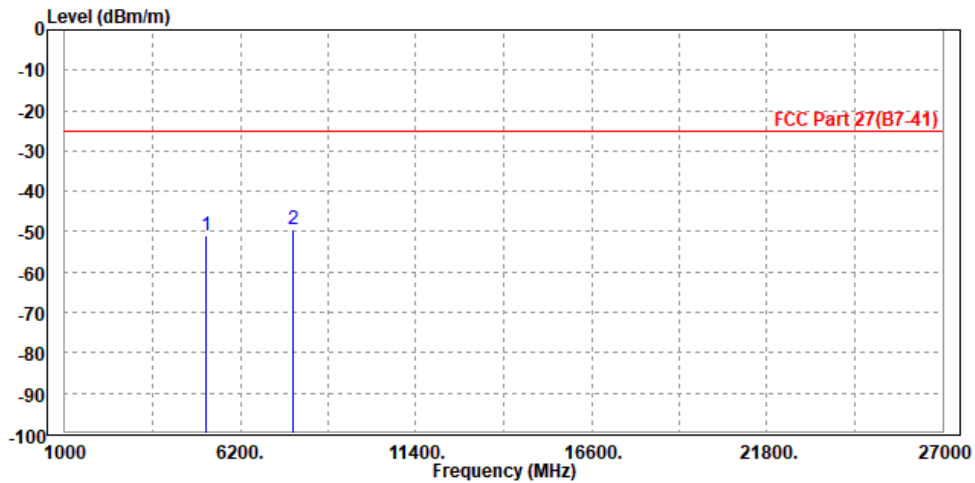
Test Report No.: RFA210218W001-5

LTE BAND 41

CHANNEL BANDWIDTH: 5MHz / QPSK

MODE	TX channel 40620	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5186.000	-50.78	-59.86	-25.00	-25.78	9.08	Peak	Horizontal
2 PP	7779.000	-49.57	-61.04	-25.00	-24.57	11.47	Peak	Horizontal

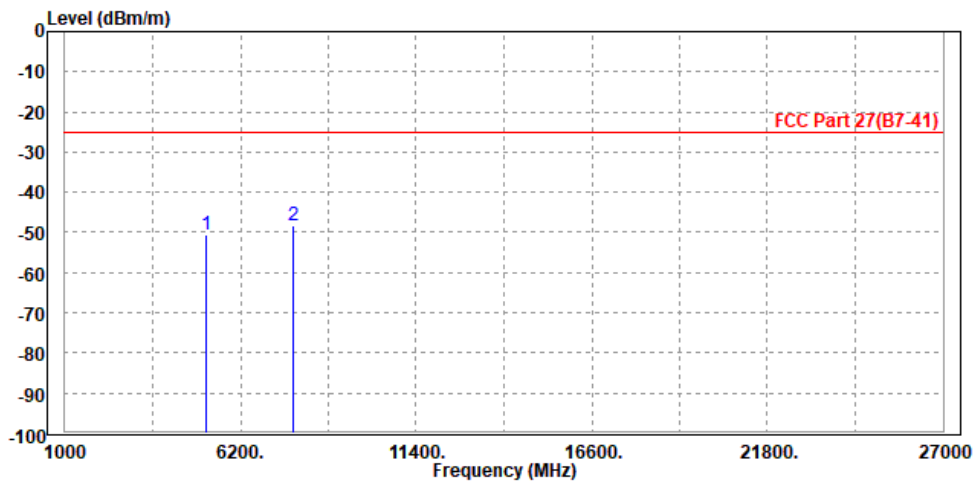




Test Report No.: RFA210218W001-5

MODE	TX channel 40620	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5186.000	-50.65	-60.48	-25.00	-25.65	9.83	Peak	Vertical
2	PP 7779.000	-48.43	-61.28	-25.00	-23.43	12.85	Peak	Vertical





**BUREAU
VERITAS**

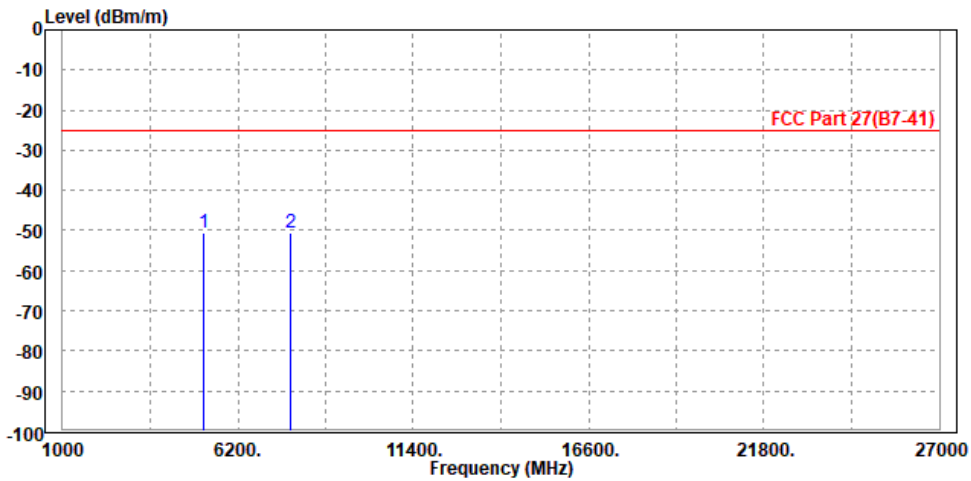
Test Report No.: RFA210218W001-5

CHANNEL BANDWIDTH: 10MHz / QPSK

CH 39700

MODE	TX channel 39700	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5184.000	-50.67	-59.75	-25.00	-25.67	9.08	Peak	Horizontal
2	PP 7779.000	-50.62	-62.09	-25.00	-25.62	11.47	Peak	Horizontal

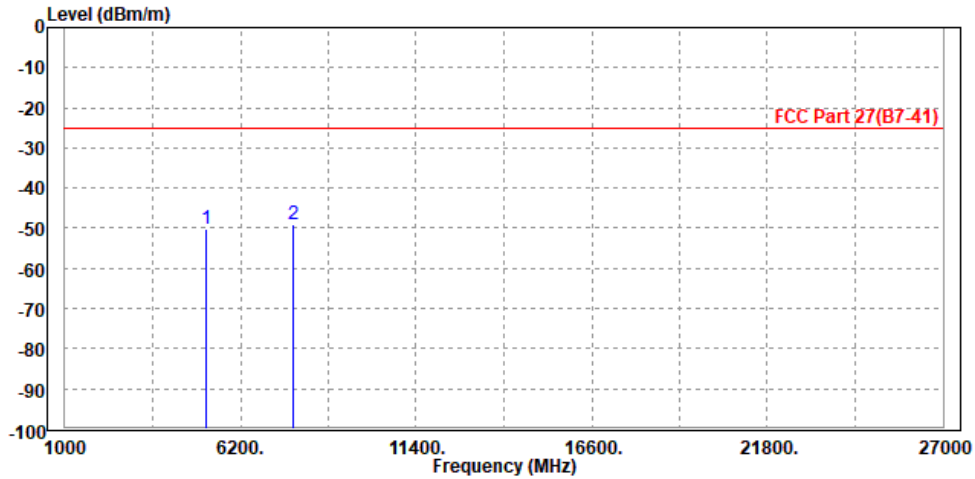




Test Report No.: RFA210218W001-5

MODE	TX channel 39700	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5184.000	-50.12	-59.95	-25.00	-25.12	9.83	Peak	Vertical
2	PP 7779.000	-48.95	-61.80	-25.00	-23.95	12.85	Peak	Vertical





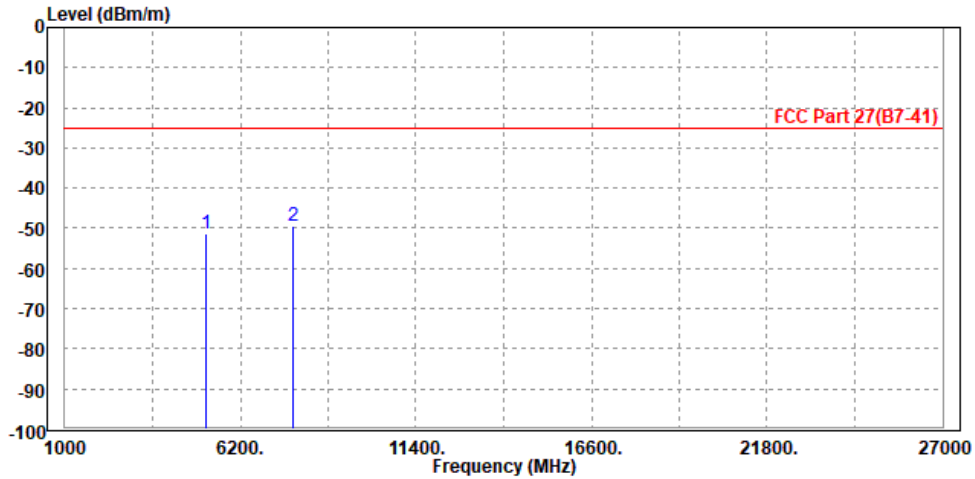
BUREAU VERITAS

Test Report No.: RFA210218W001-5

CHANNEL BANDWIDTH: 15MHz / QPSK

MODE	TX channel 40620	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5186.000	-51.27	-60.35	-25.00	-26.27	9.08	Peak	Horizontal
2	PP 7779.000	-49.24	-60.71	-25.00	-24.24	11.47	Peak	Horizontal

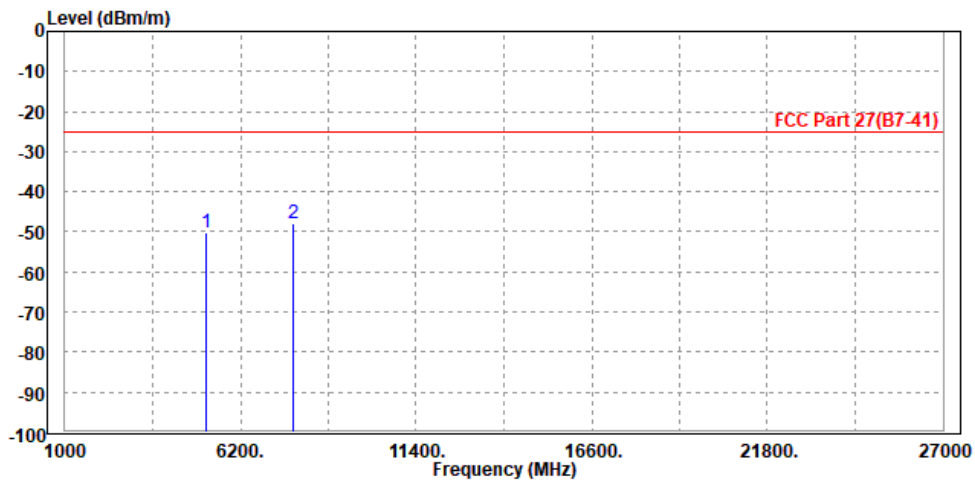




Test Report No.: RFA210218W001-5

MODE	TX channel 40620	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5186.000	-50.15	-59.98	-25.00	-25.15	9.83	Peak	Vertical
2	PP 7779.000	-47.94	-60.79	-25.00	-22.94	12.85	Peak	Vertical





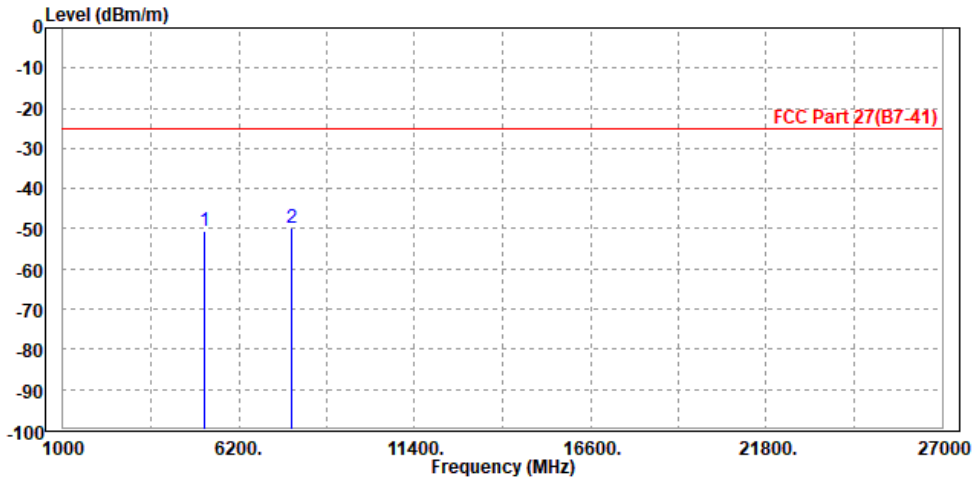
BUREAU VERITAS

Test Report No.: RFA210218W001-5

CH39725

MODE	TX channel 39725	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5186.000	-50.41	-59.49	-25.00	-25.41	9.08	Peak	Horizontal
2	7779.000	-49.82	-61.29	-25.00	-24.82	11.47	Peak	Horizontal

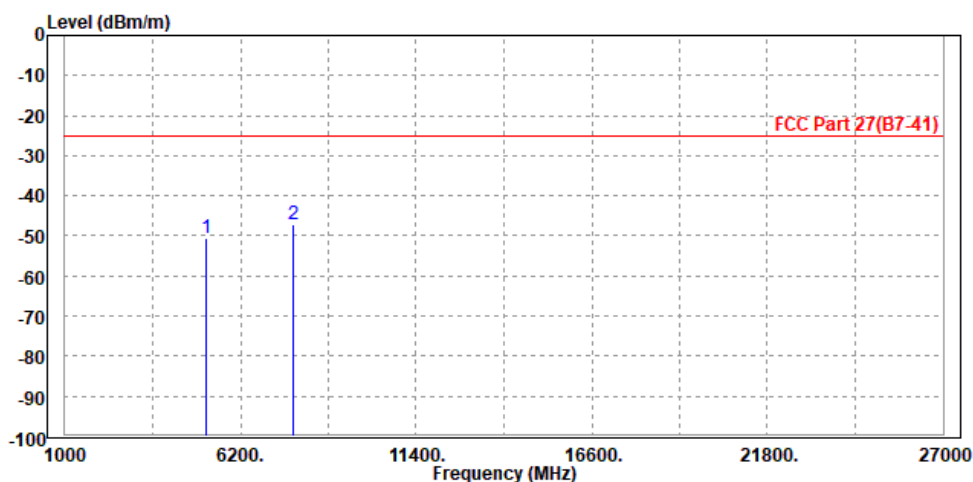




Test Report No.: RFA210218W001-5

MODE	TX channel 39725	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5186.000	-50.60	-60.43	-25.00	-25.60	9.83	Peak	Vertical
2 PP	7779.000	-47.17	-60.02	-25.00	-22.17	12.85	Peak	Vertical





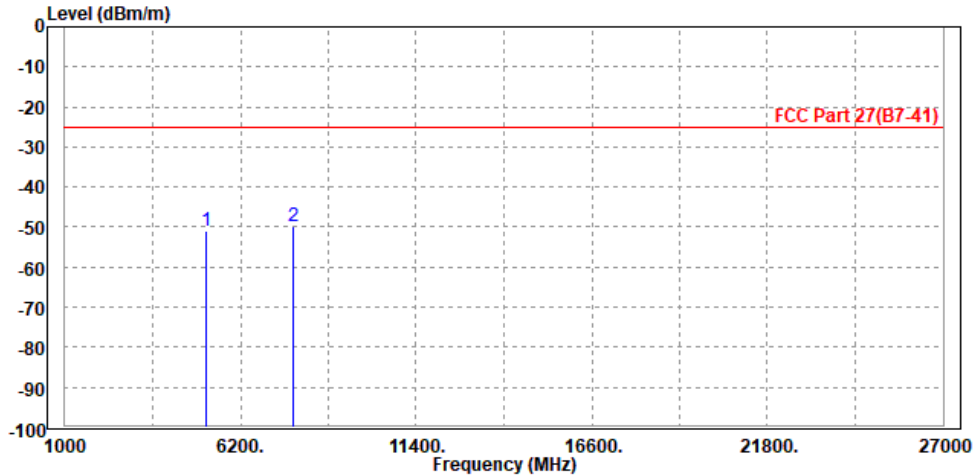
**BUREAU
VERITAS**

Test Report No.: RFA210218W001-5

CH41515

MODE	TX channel 41515	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5186.000	-51.11	-60.19	-25.00	-26.11	9.08	Peak	Horizontal
2	PP 7779.000	-49.68	-61.15	-25.00	-24.68	11.47	Peak	Horizontal

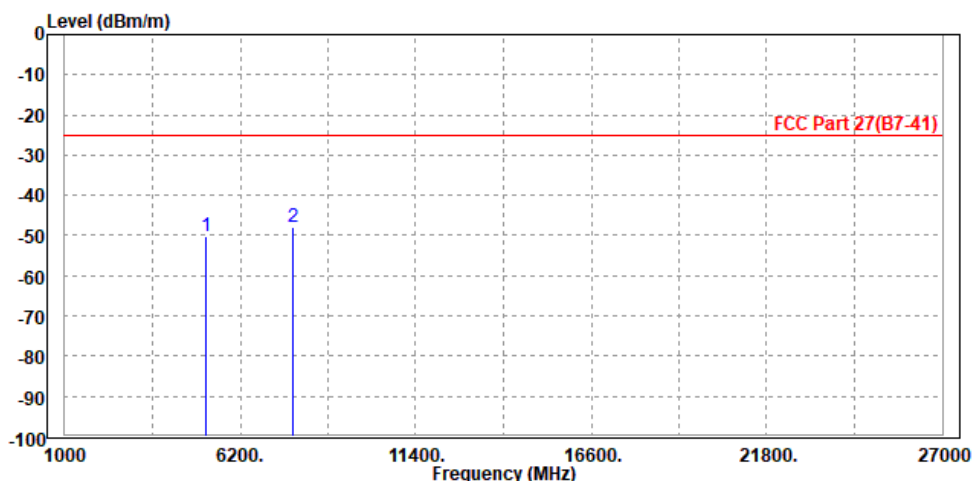




Test Report No.: RFA210218W001-5

MODE	TX channel 41515	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5186.000	-50.19	-60.02	-25.00	-25.19	9.83	Peak	Vertical
2	PP 7779.000	-47.74	-60.59	-25.00	-22.74	12.85	Peak	Vertical



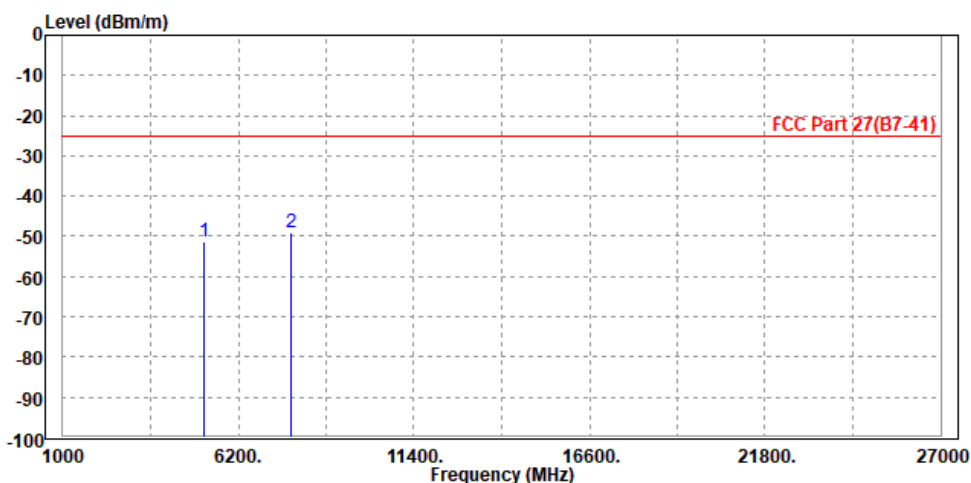


Test Report No.: RFA210218W001-5

CHANNEL BANDWIDTH: 20MHz / QPSK

MODE	TX channel 40620	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5186.000	-51.17	-60.25	-25.00	-26.17	9.08	Peak	Horizontal
2 PP	7779.000	-49.16	-60.63	-25.00	-24.16	11.47	Peak	Horizontal

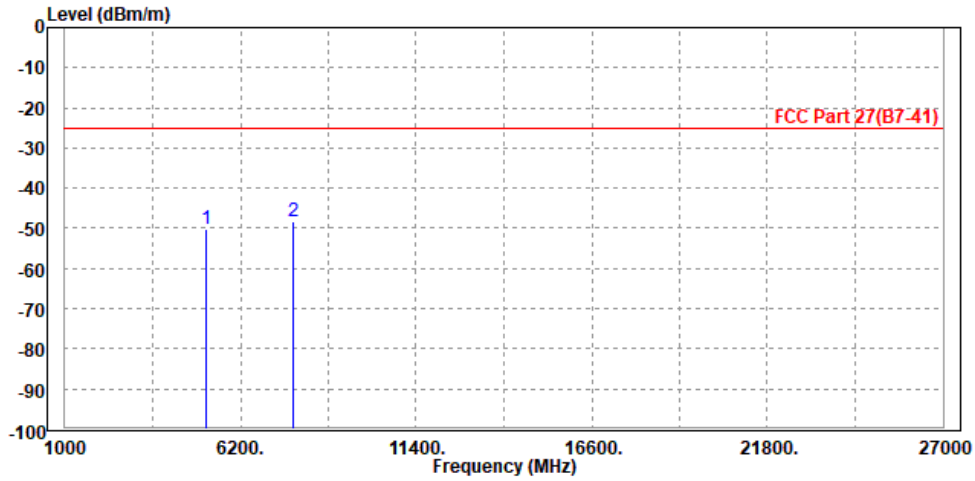




Test Report No.: RFA210218W001-5

MODE	TX channel 40620	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5186.000	-50.05	-59.88	-25.00	-25.05	9.83	Peak	Vertical
2 PP	7779.000	-48.16	-61.01	-25.00	-23.16	12.85	Peak	Vertical





Test Report No.: RFA210218W001-5

4 INFORMATION ON THE TESTING LABORATORIES

We, BV 7LAYERS COMMUNICATIONS TECHNOLOGY (SHENZHEN) CO. LTD., were founded in 2015 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

Shenzhen EMC/RF Lab:

Tel: +86-755-88696566

Fax: +86-755-88696577

Email: customerservice.dg@cn.bureauveritas.com

Web Site: www.adt.com.tw

The address and road map of all our labs can be found in our web site also.



Test Report No.: RFA210218W001-5

5 APPENDIX A – MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.

---END---