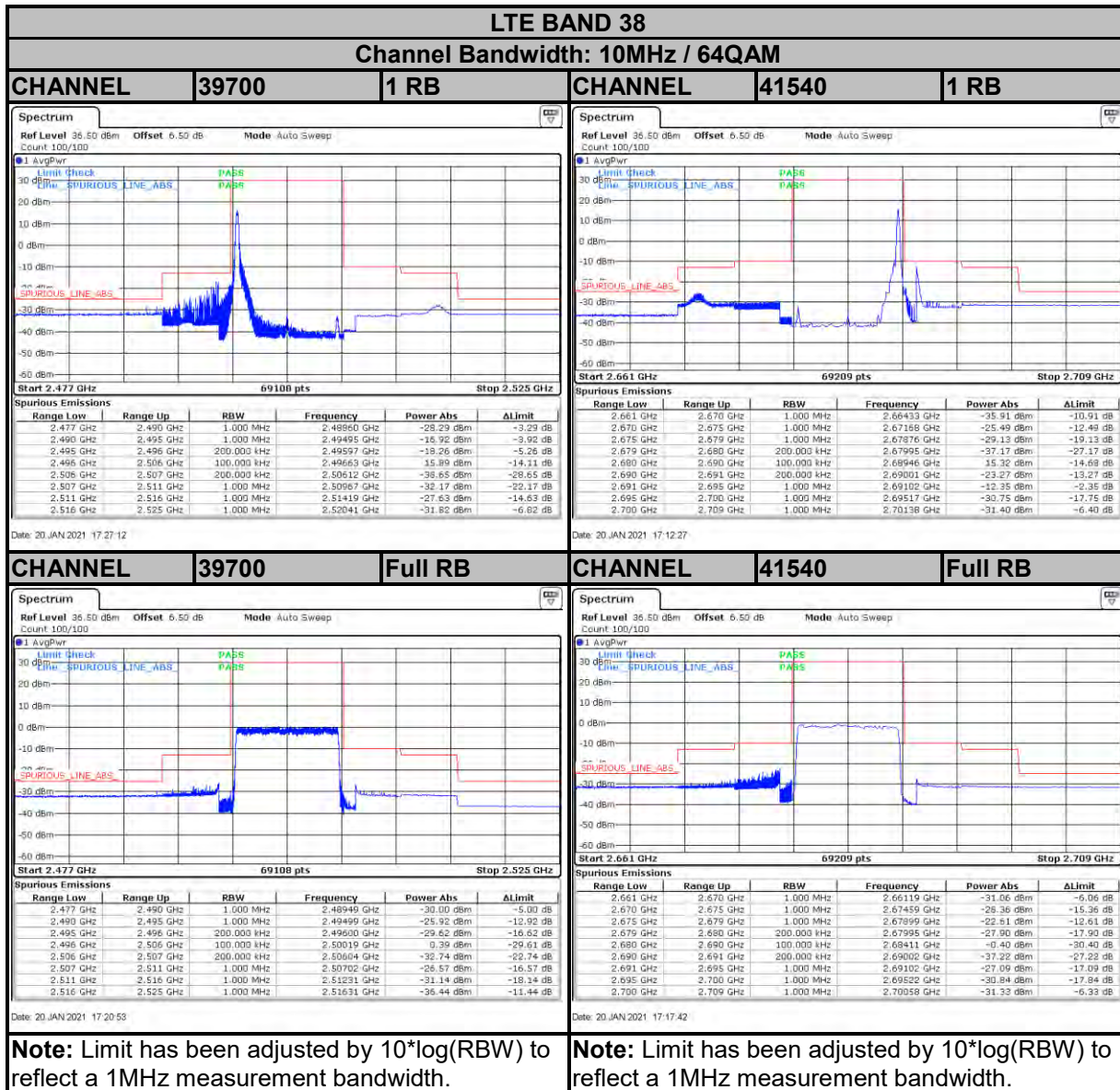
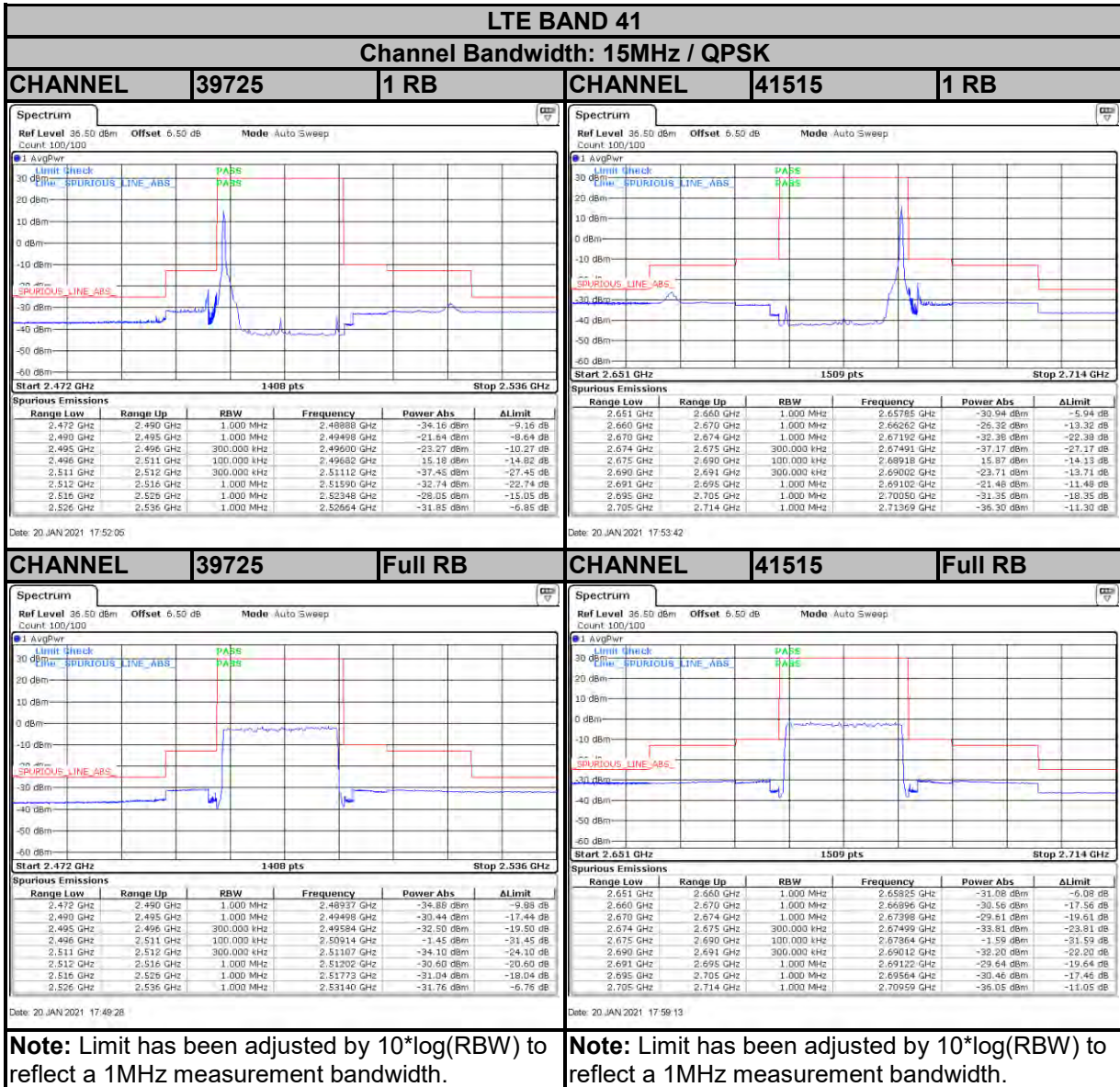




Test Report No.: RFA20210104W001-7



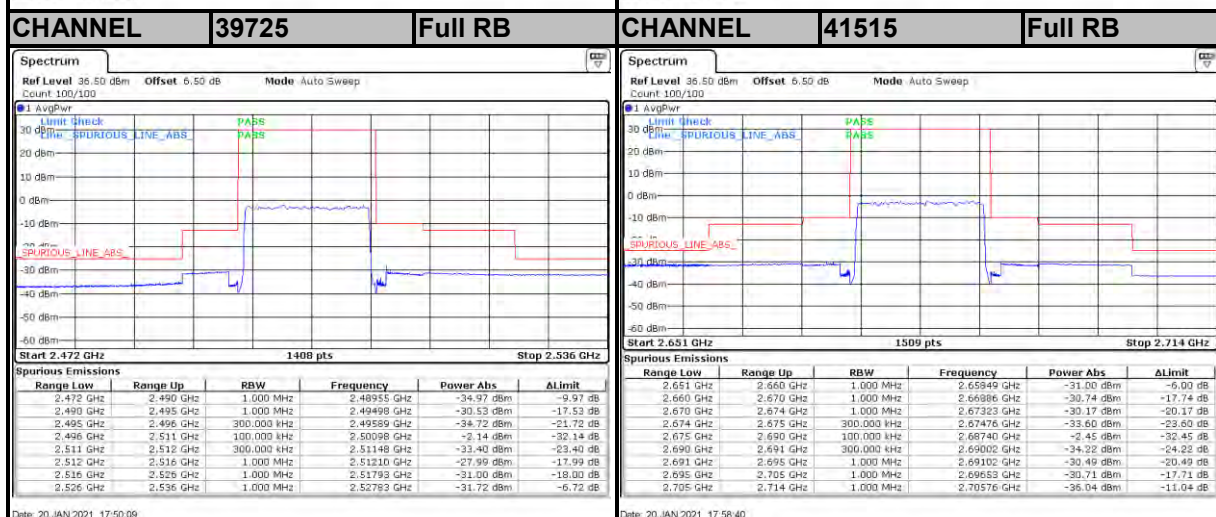
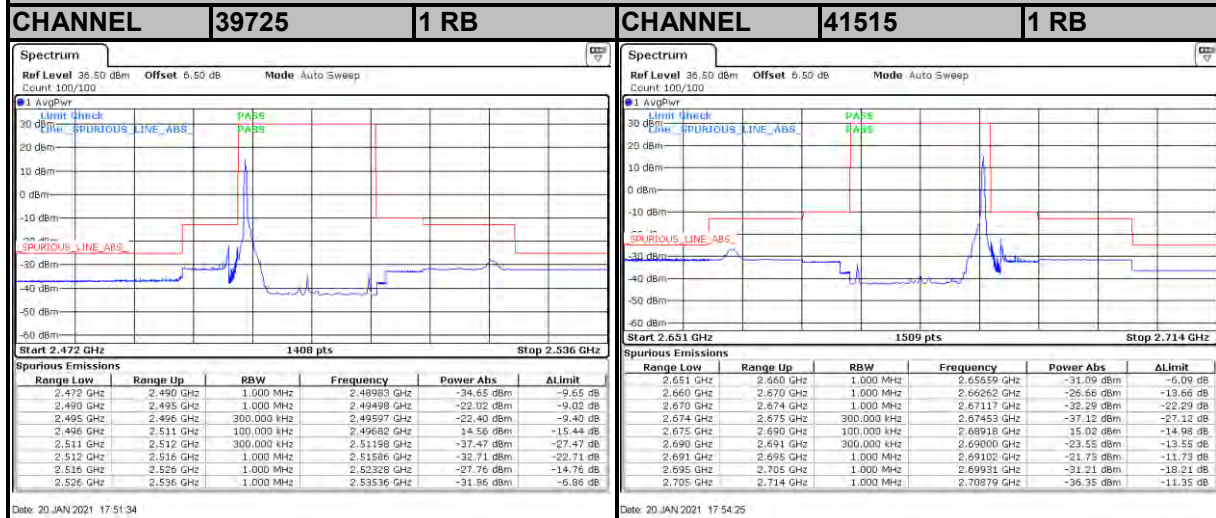


**Note:** Limit has been adjusted by  $10 \cdot \log(\text{RBW})$  to reflect a 1MHz measurement bandwidth.

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



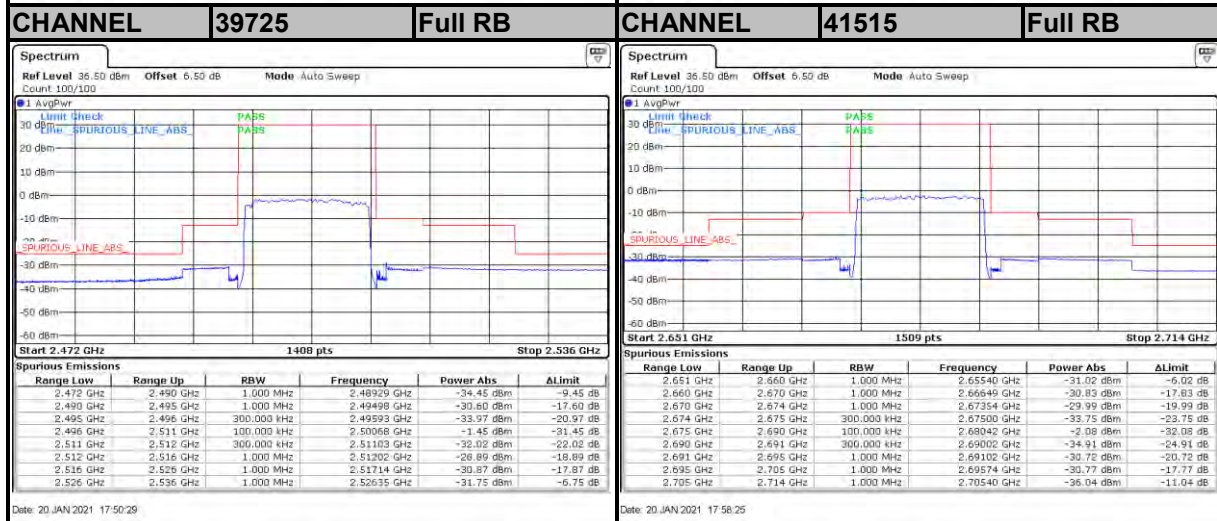
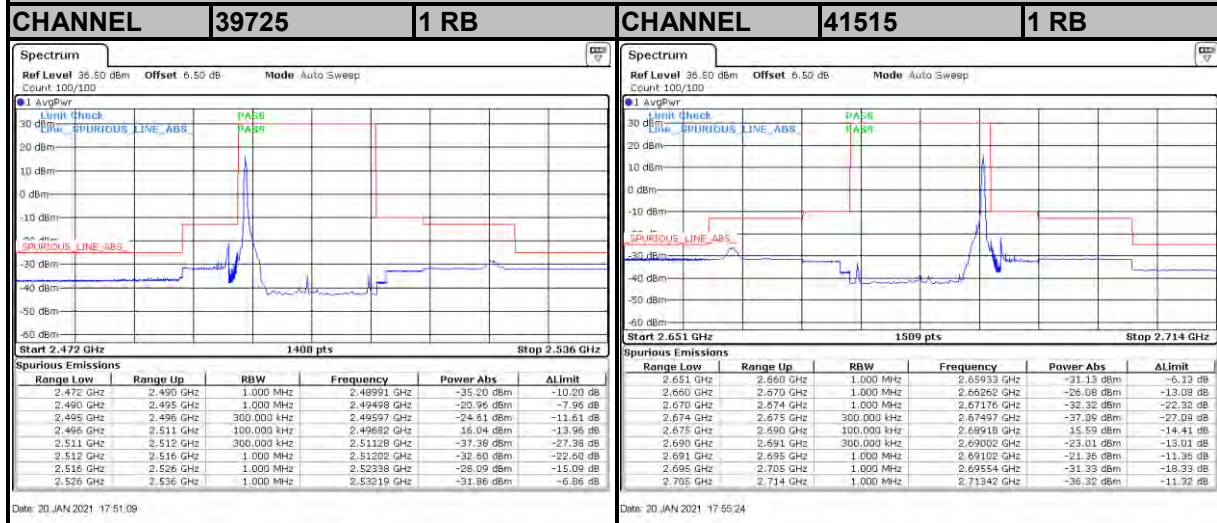
**LTE BAND 41**  
**Channel Bandwidth: 15MHz / 16QAM**



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



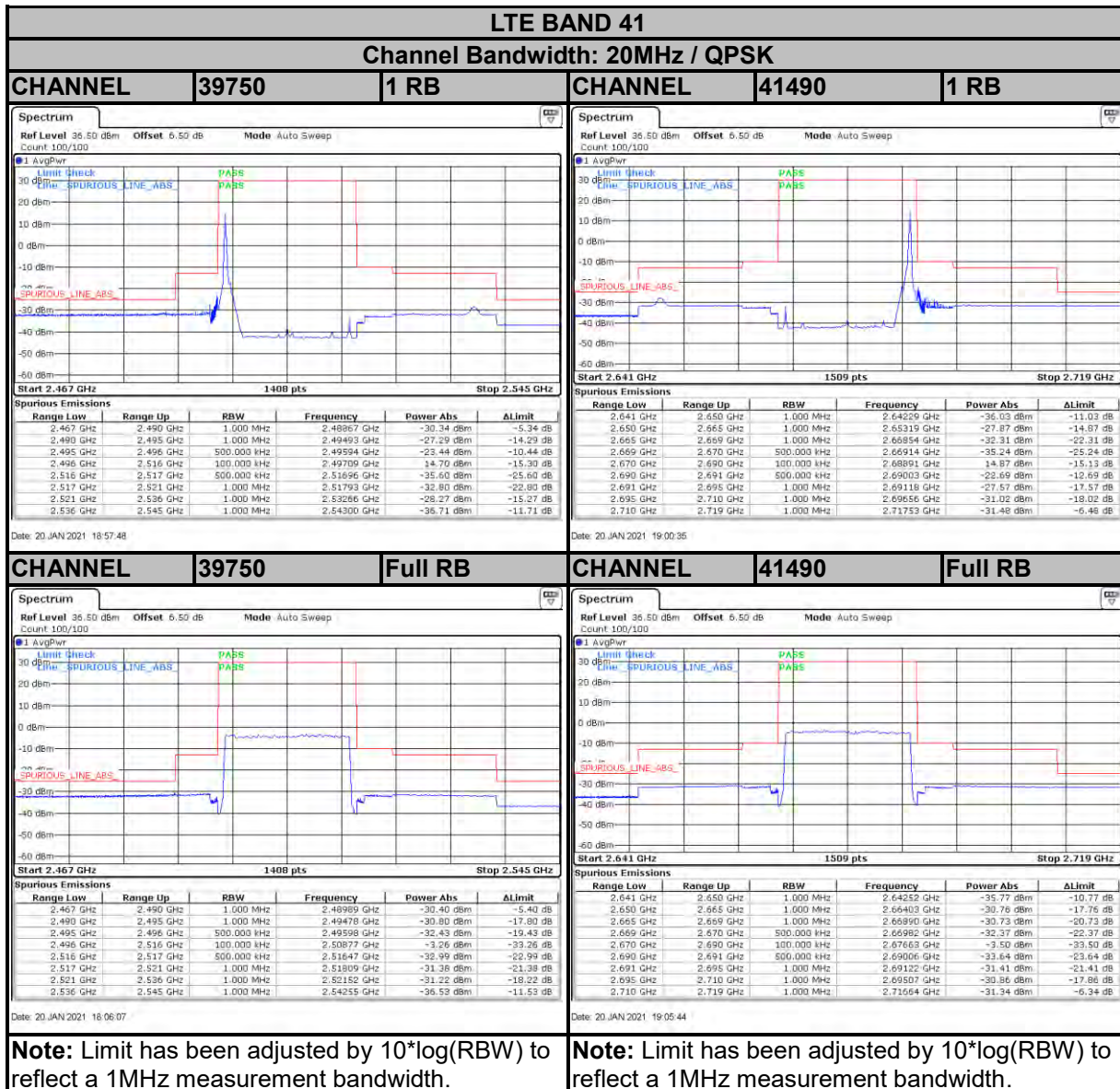
**LTE BAND 41**  
**Channel Bandwidth: 15MHz / 64QAM**



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



Test Report No.: RFA20210104W001-7

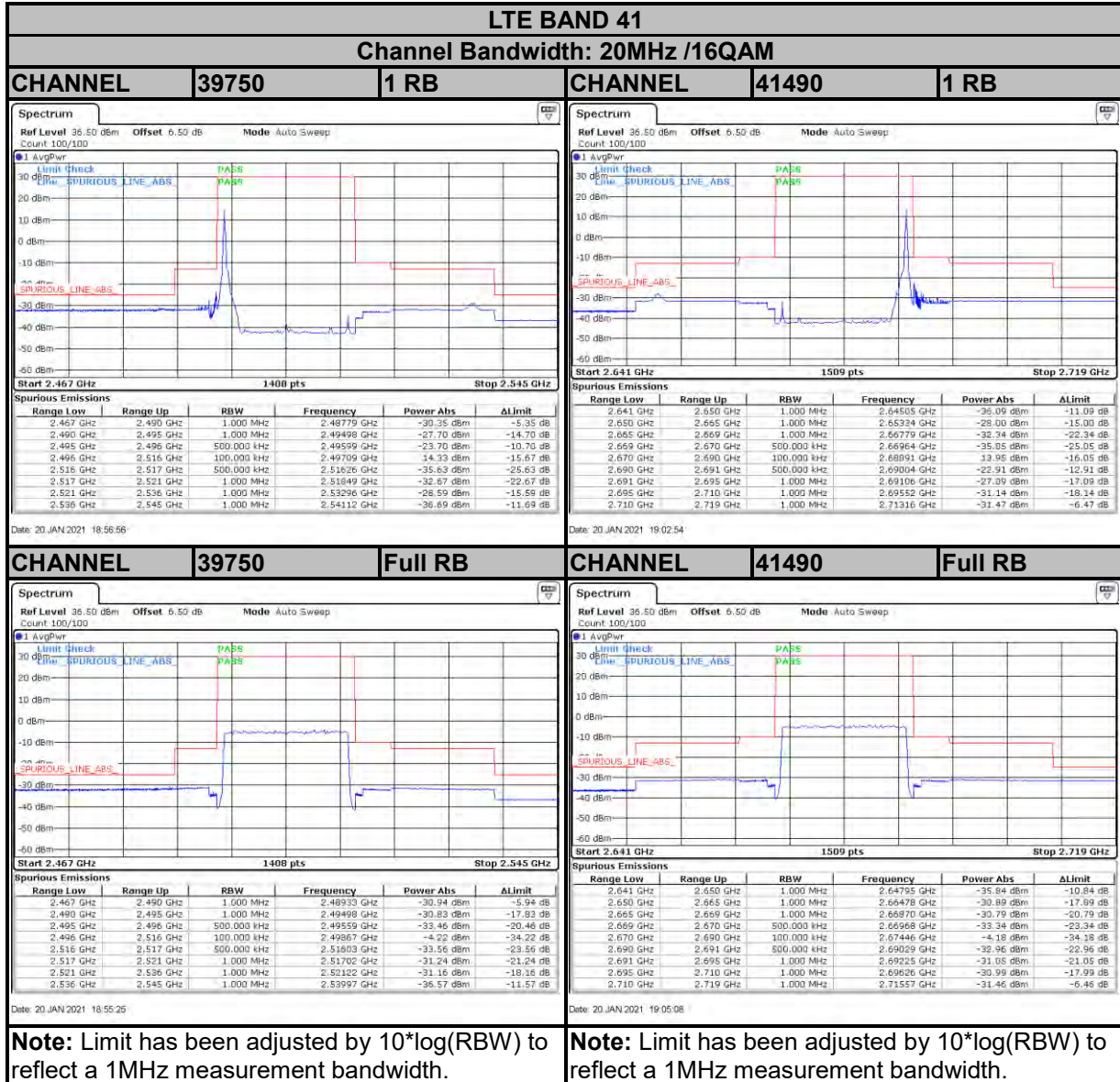


**Note:** Limit has been adjusted by  $10 \cdot \log(\text{RBW})$  to reflect a 1MHz measurement bandwidth.

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

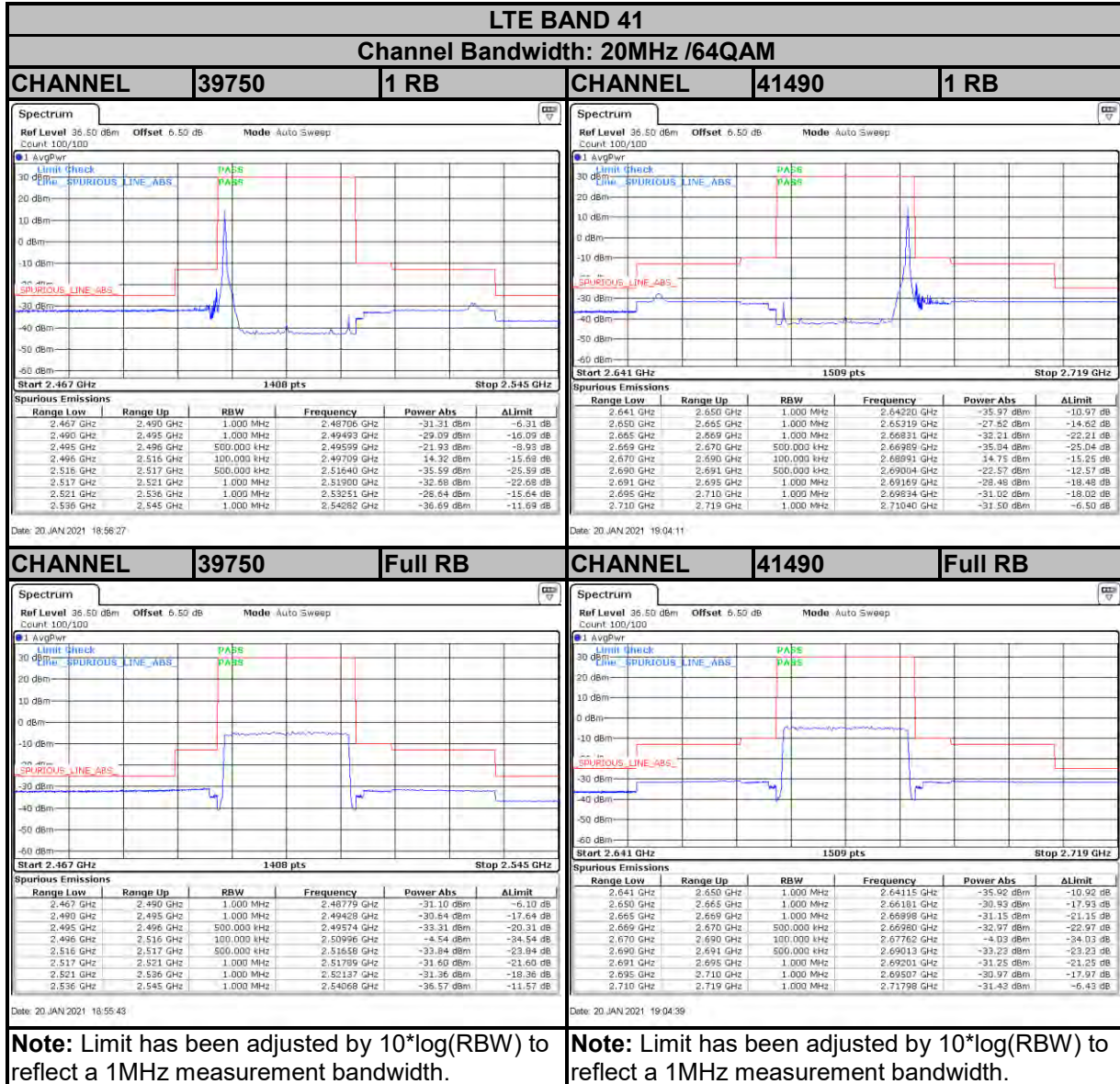


Test Report No.: RFA20210104W001-7





Test Report No.: RFA20210104W001-7



**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.

## 2.5 CONDUCTED SPURIOUS EMISSIONS

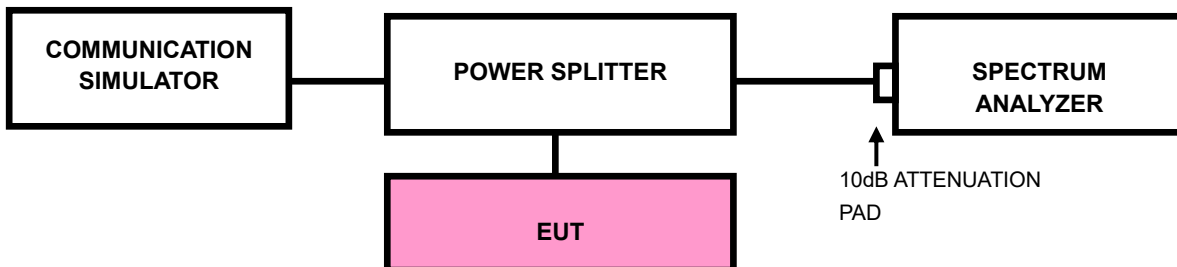
### 3.5.1 LIMITS OF CONDUCTED SPURIOUS EMISSIONS MEASUREMENT

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







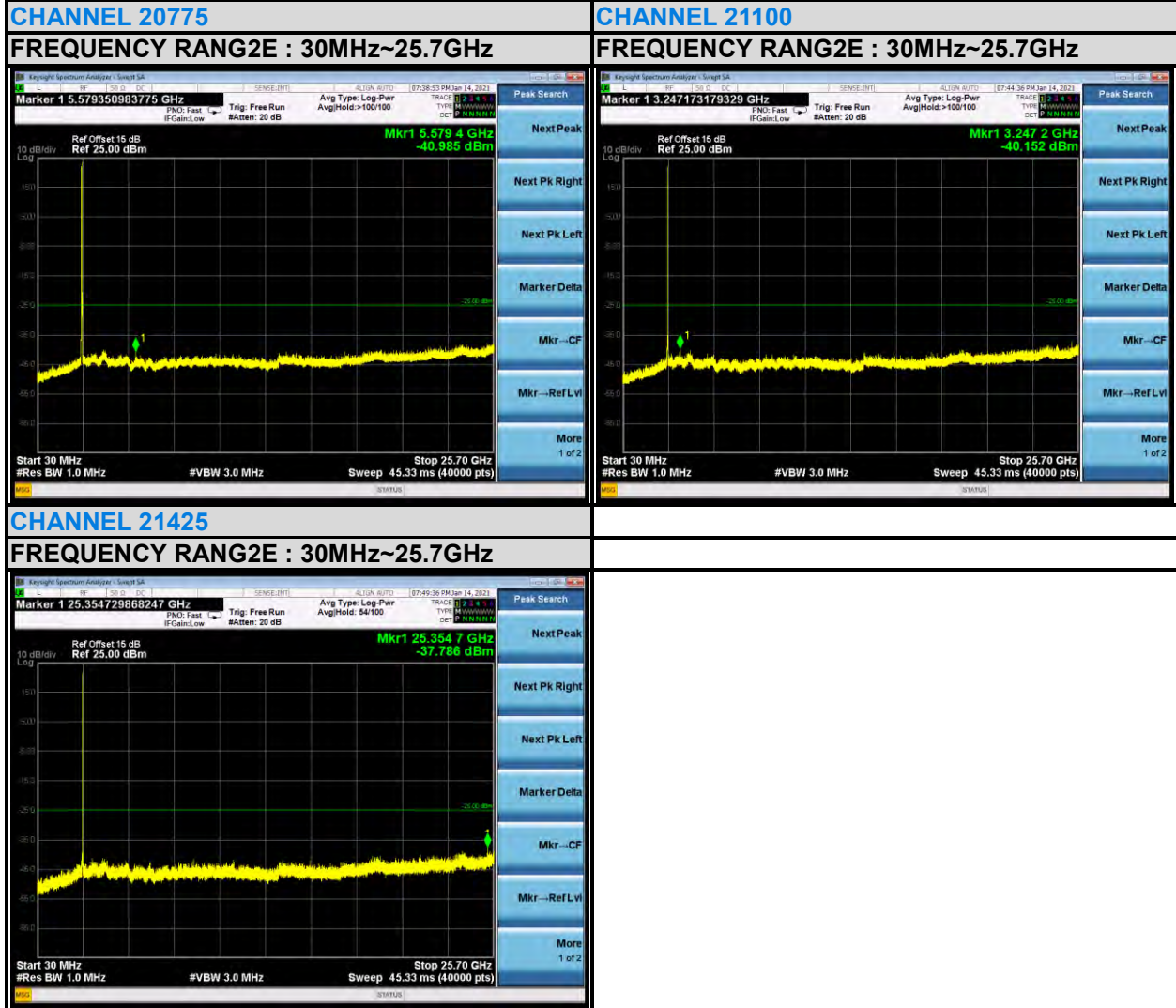
BUREAU VERITAS

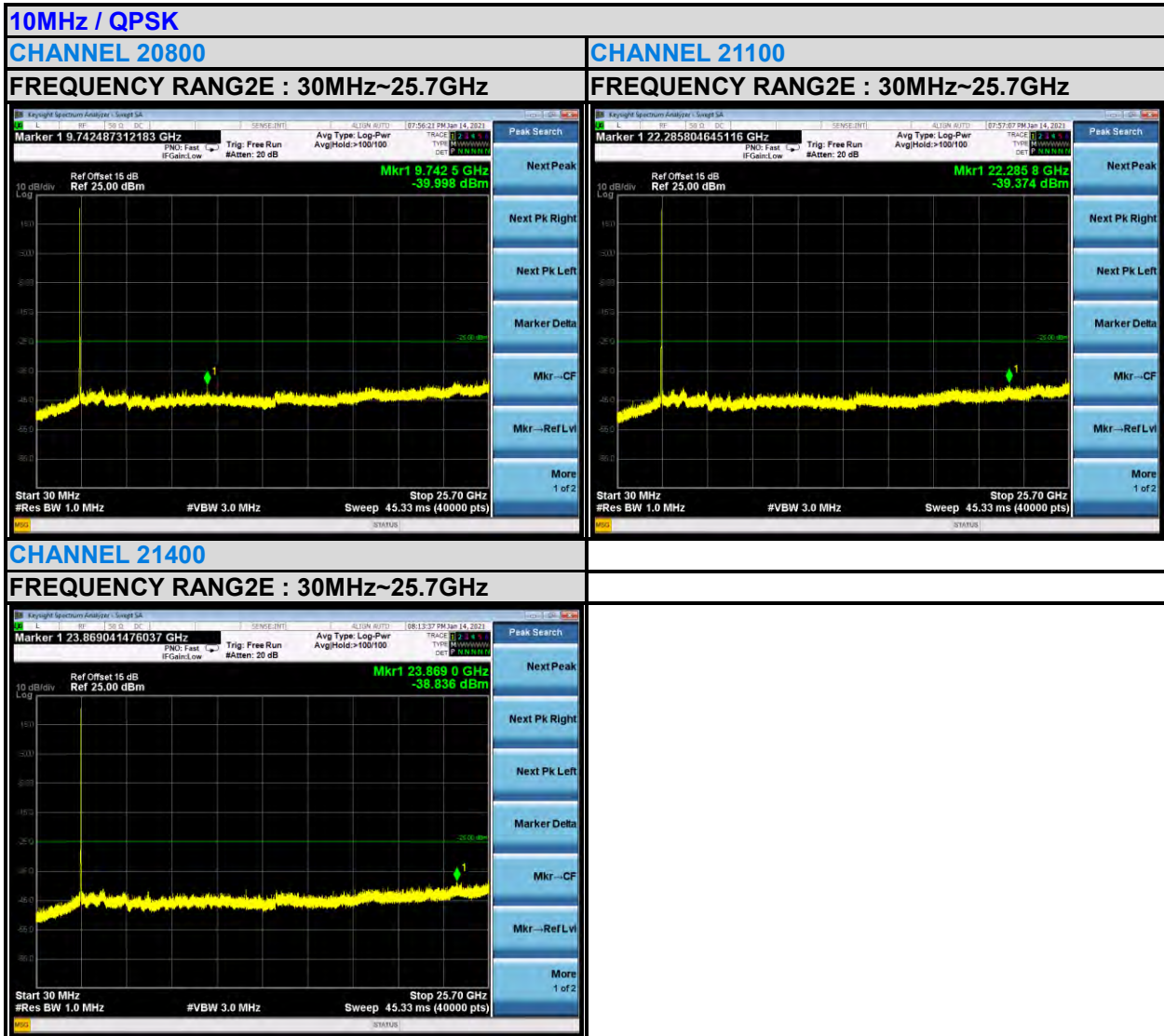
Test Report No.: RFA20210104W001-7

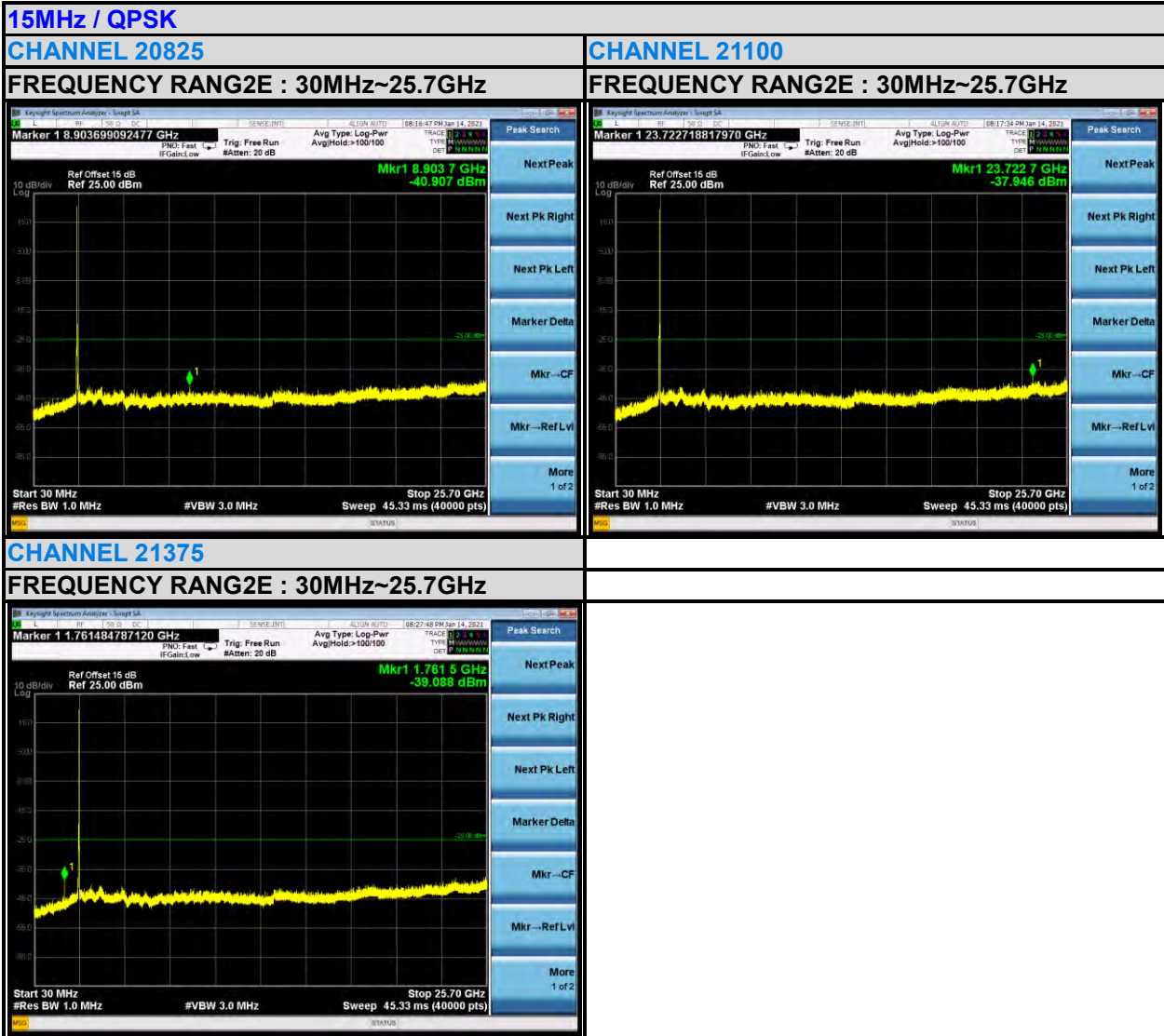
### 3.5.4 TEST RESULTS

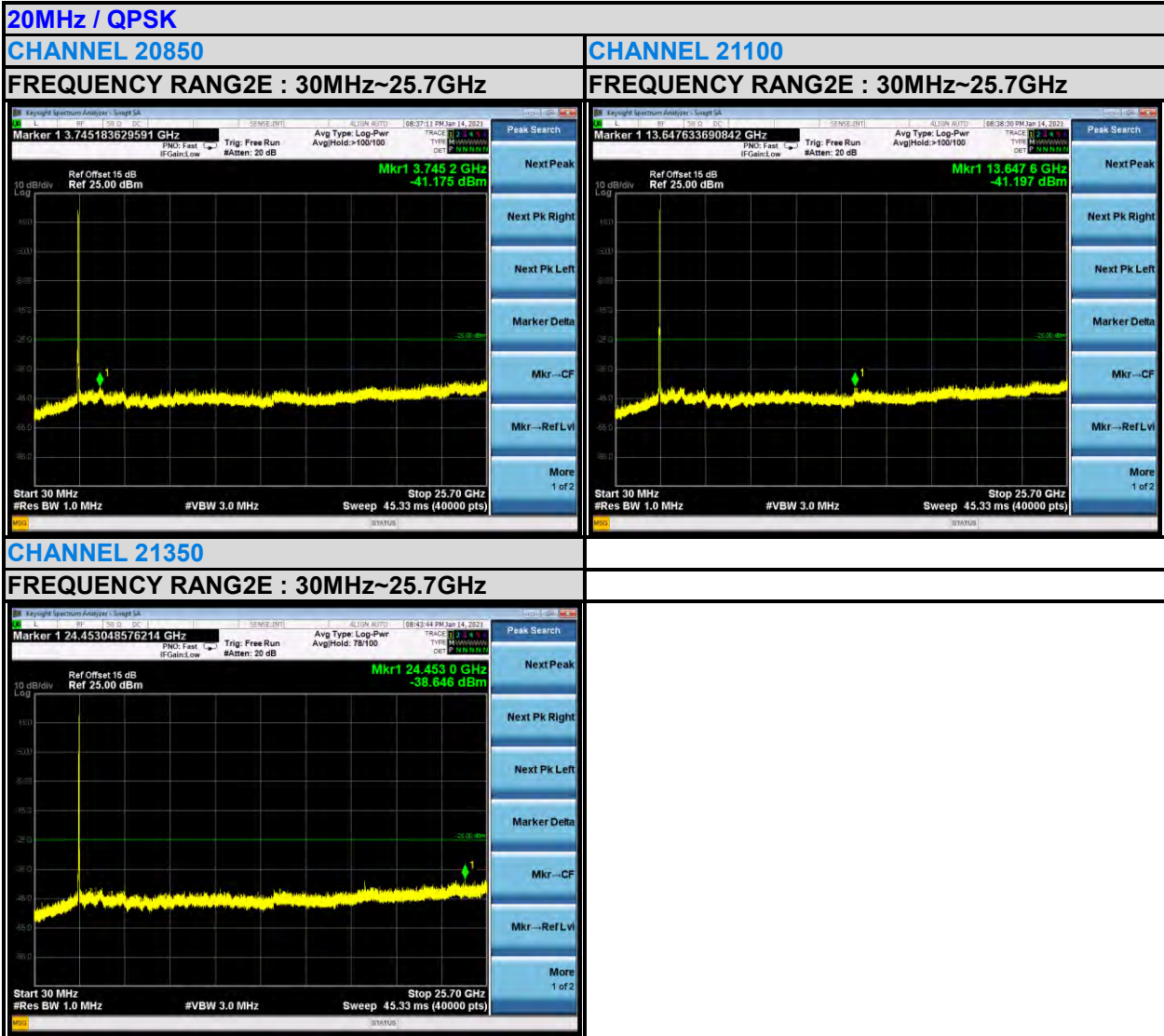
#### LTE BAND 7

#### 5MHz / QPSK







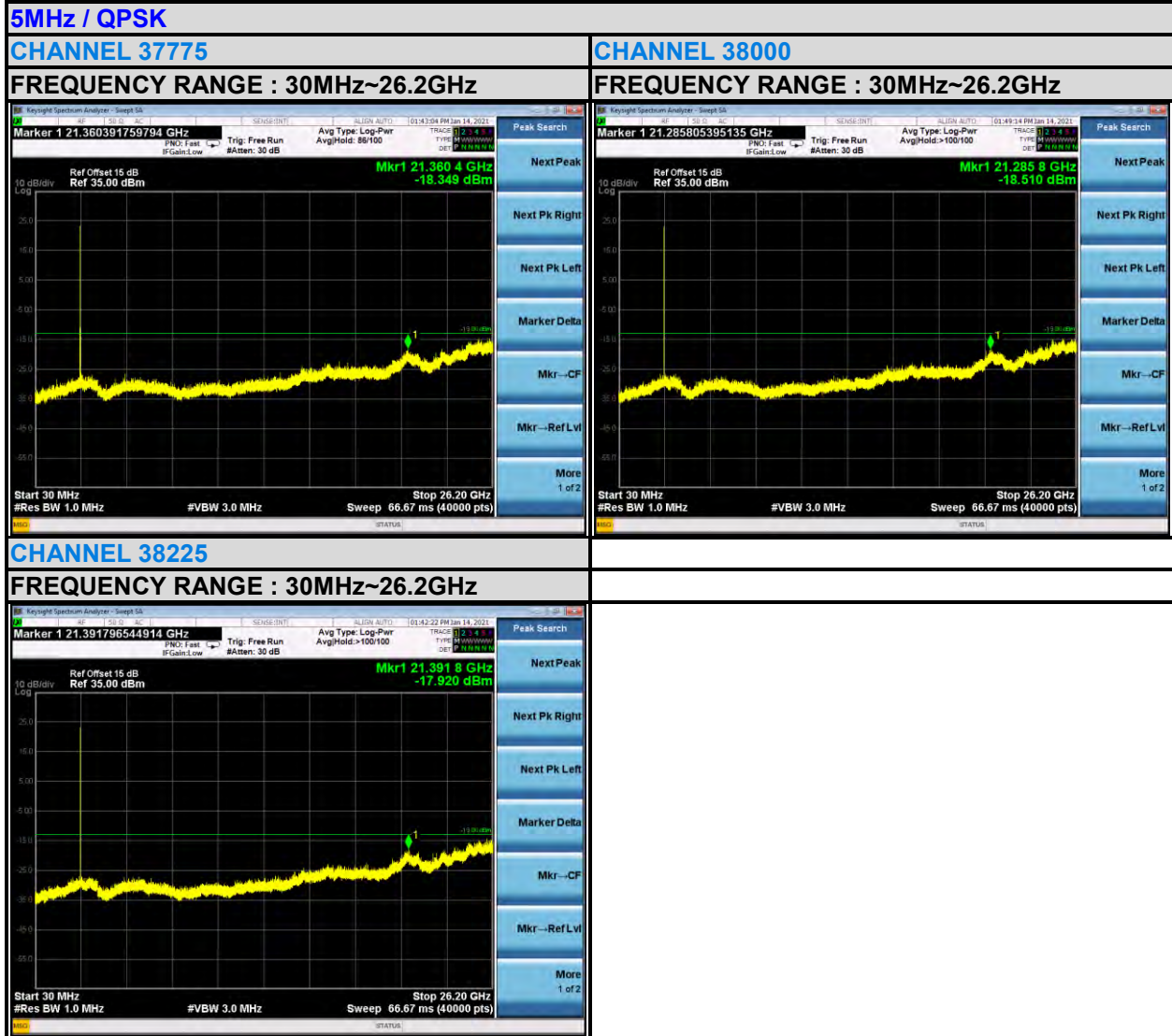


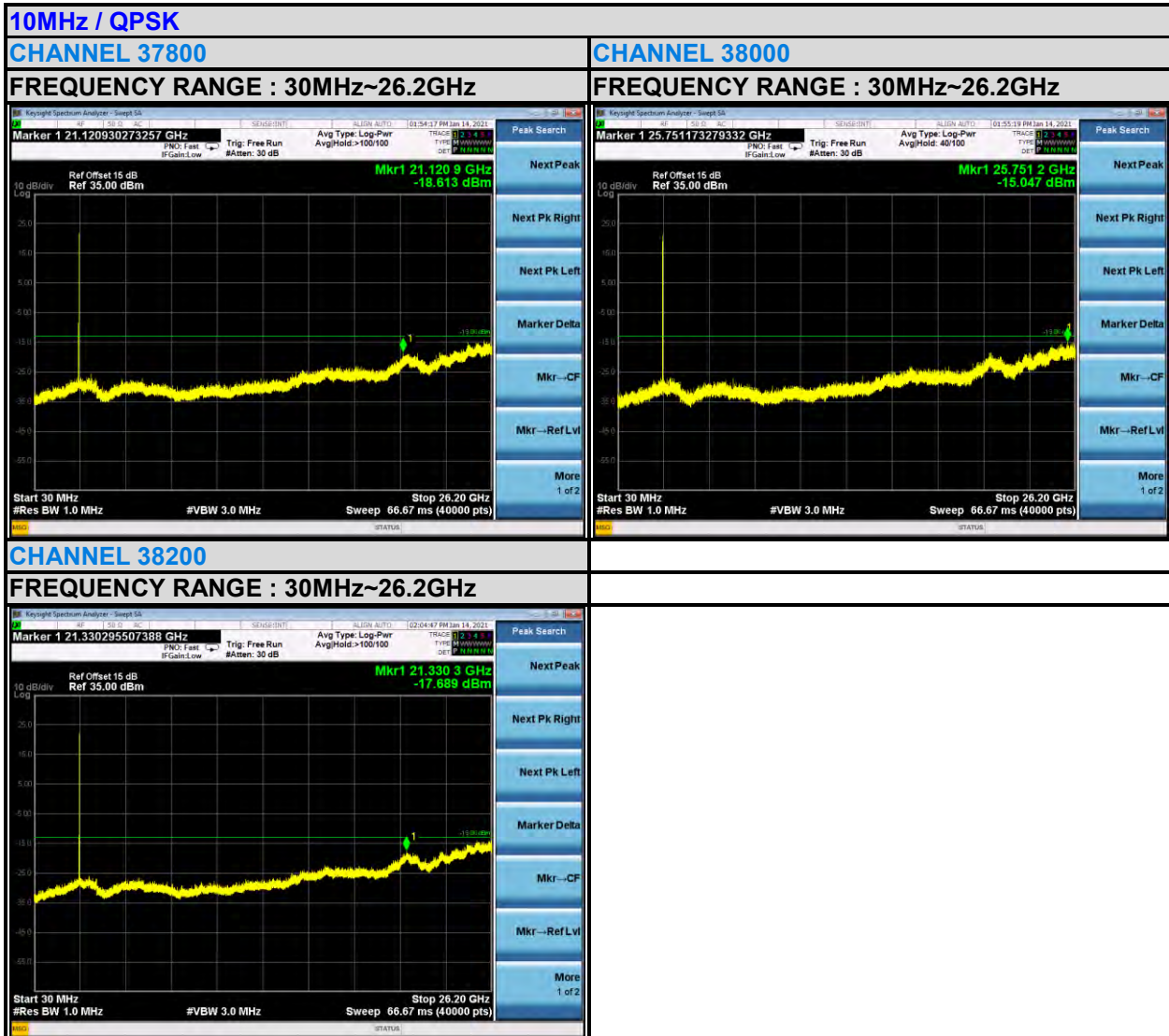


BUREAU VERITAS

Test Report No.: RFA20210104W001-7

LTE BAND 38

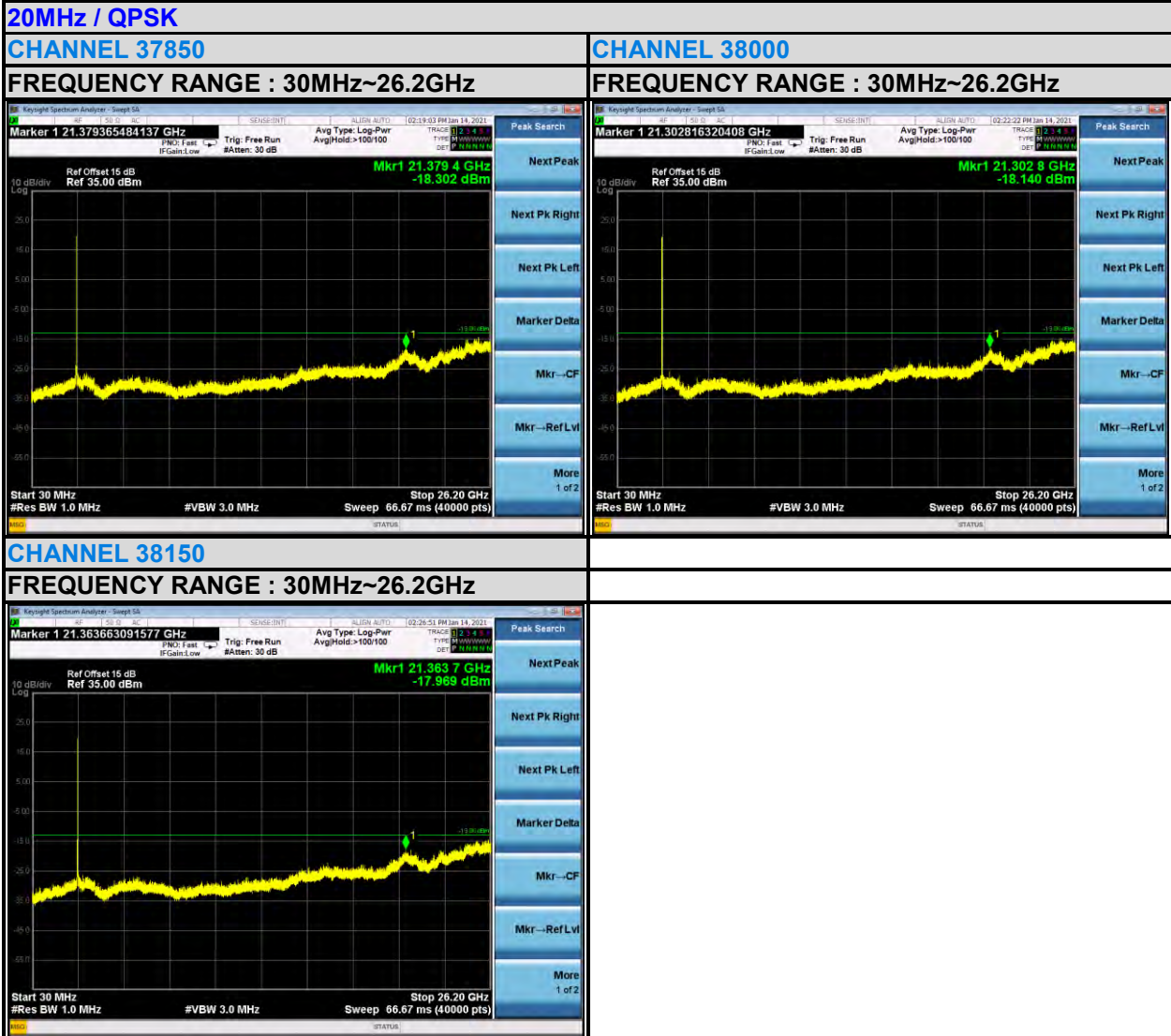








Test Report No.: RFA20210104W001-7







BUREAU VERITAS

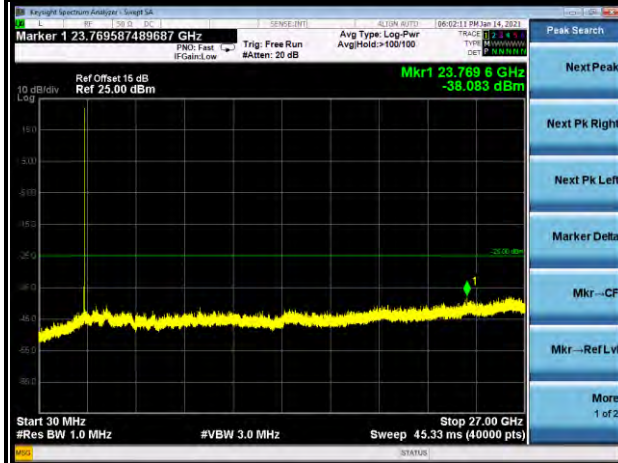
Test Report No.: RFA20210104W001-7

LTE BAND 41

5MHz / QPSK

CHANNEL 39675

FREQUENCY RANGE : 30MHz~27GHz



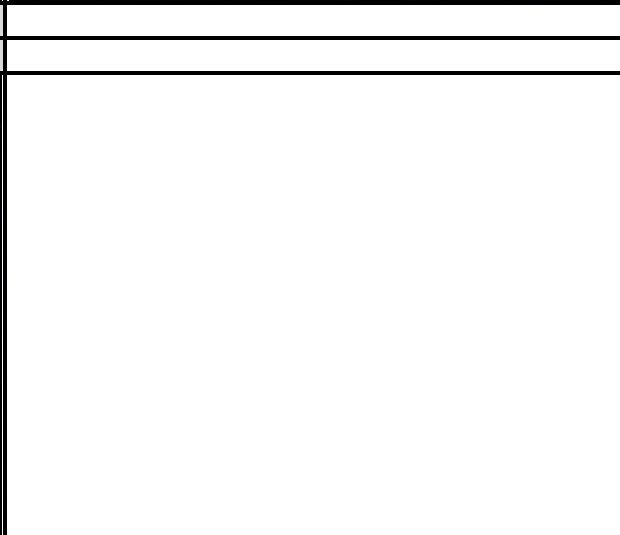
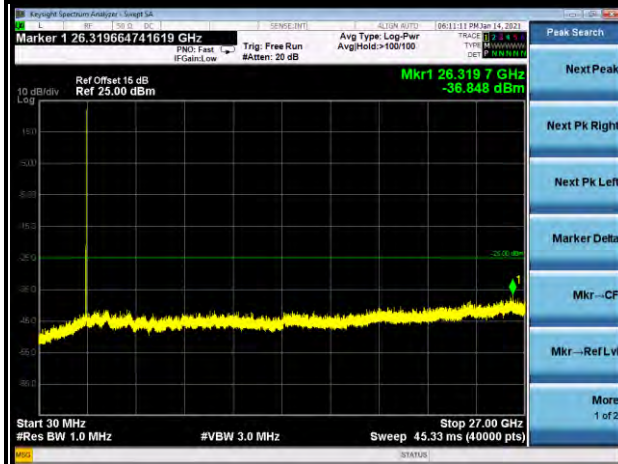
CHANNEL 40620

FREQUENCY RANGE : 30MHz~27GHz



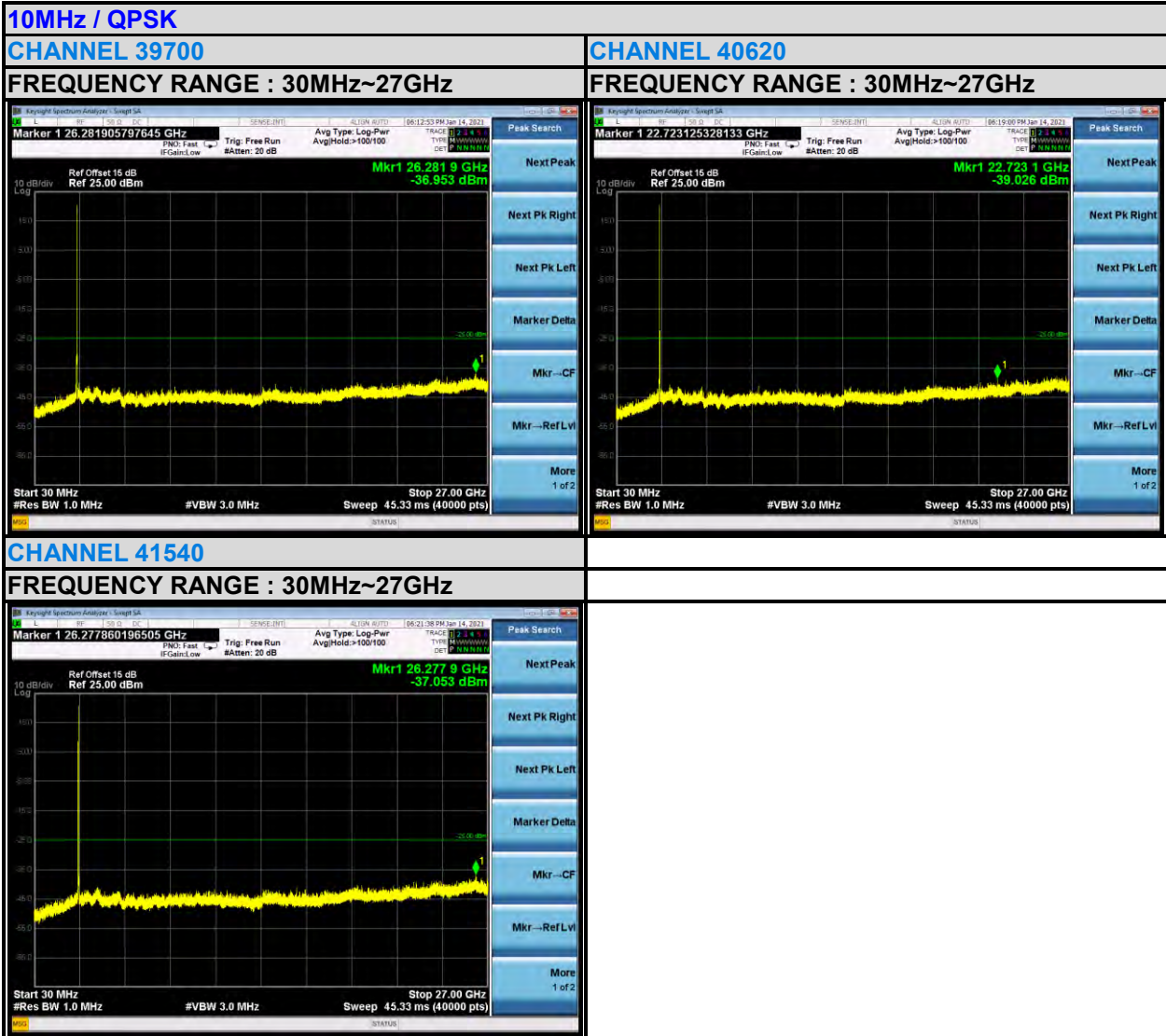
CHANNEL 41565

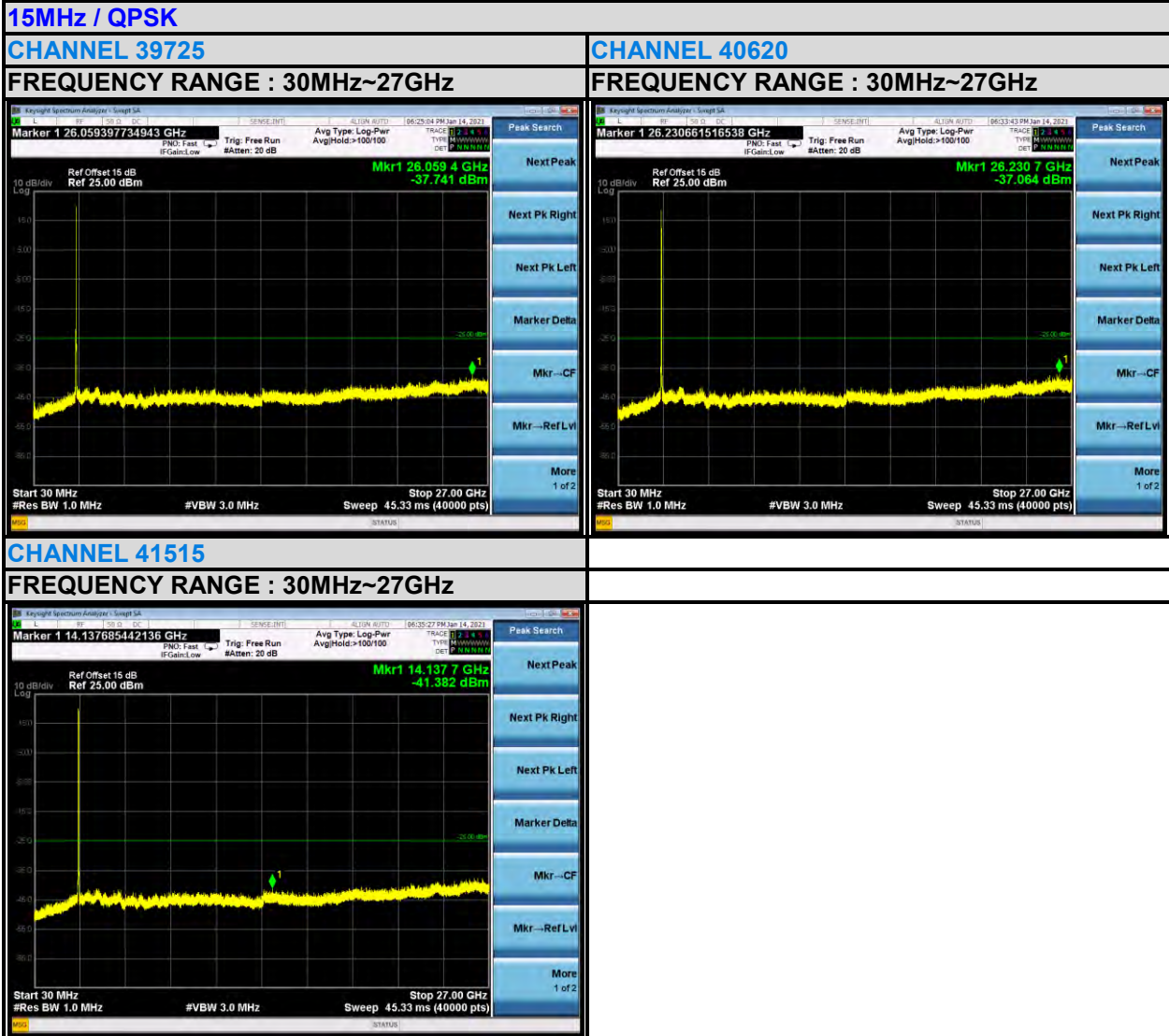
FREQUENCY RANGE : 30MHz~27GHz

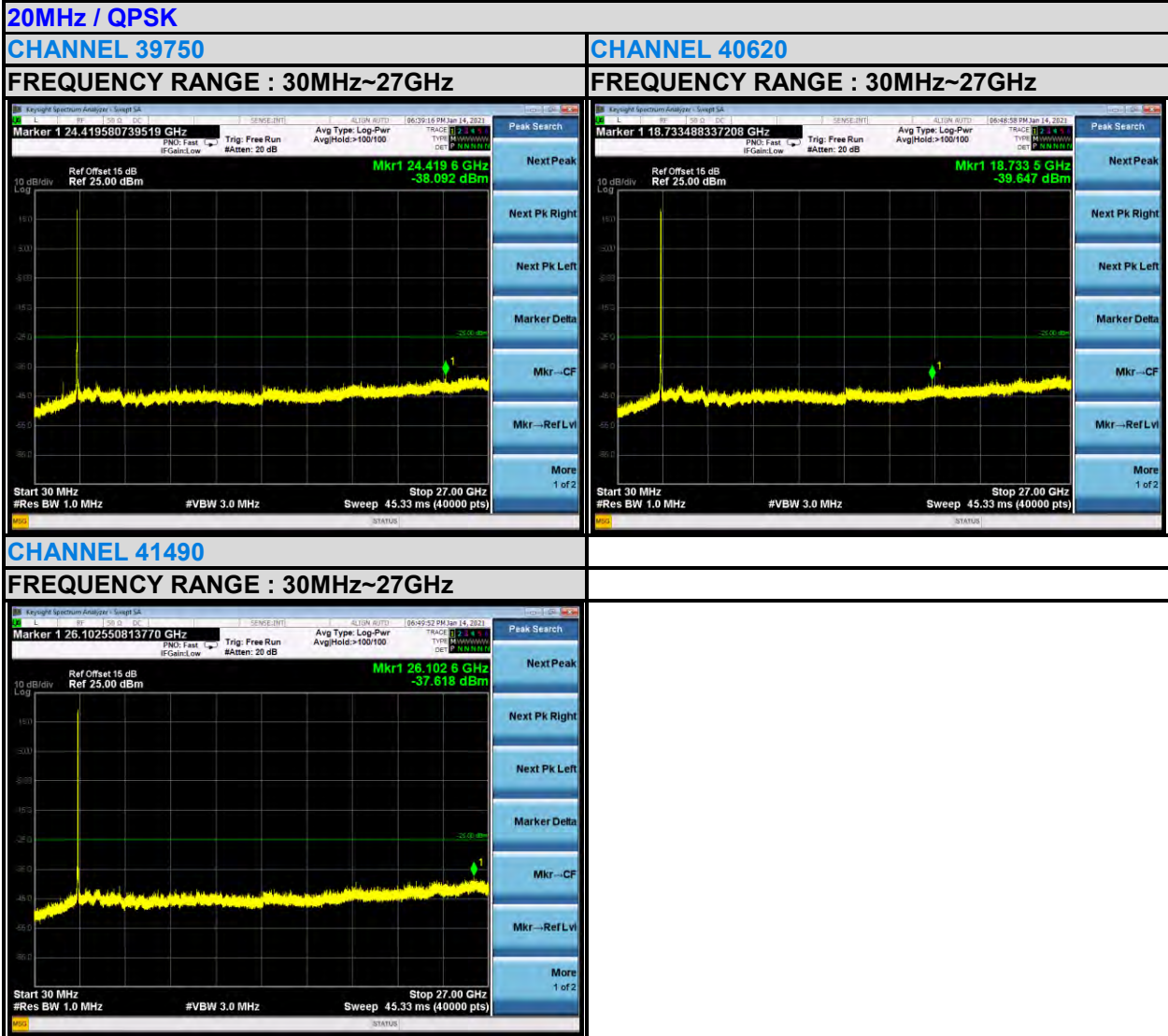




Test Report No.: RFA20210104W001-7







### 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.  $EIRP = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn}$ .
- d. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole,  
 $E.R.P \text{ power} = E.I.P.R \text{ power} - 2.15\text{dBi}$ .

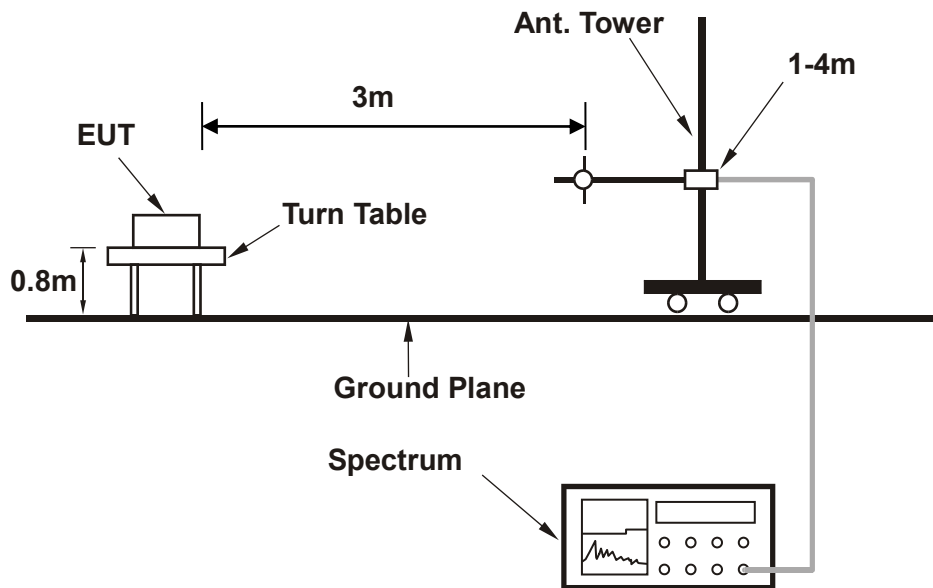
**NOTE:** The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz.

#### 3.6.3 DEVIATION FROM TEST STANDARD

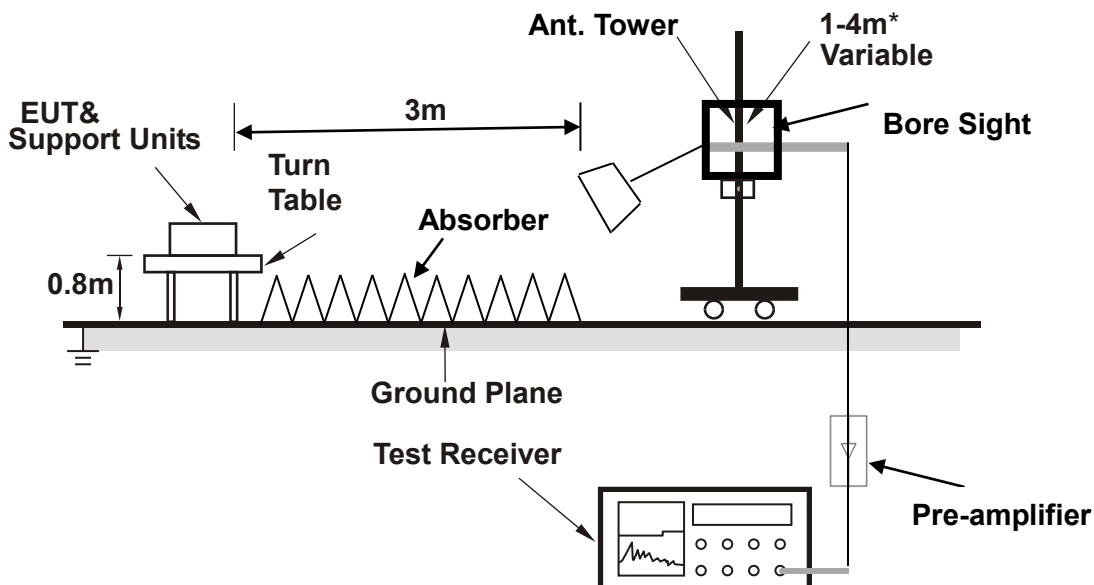
No deviation

### 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).



### 3.6.5 TEST RESULTS

#### BELOW 1GHz WORST-CASE DATA

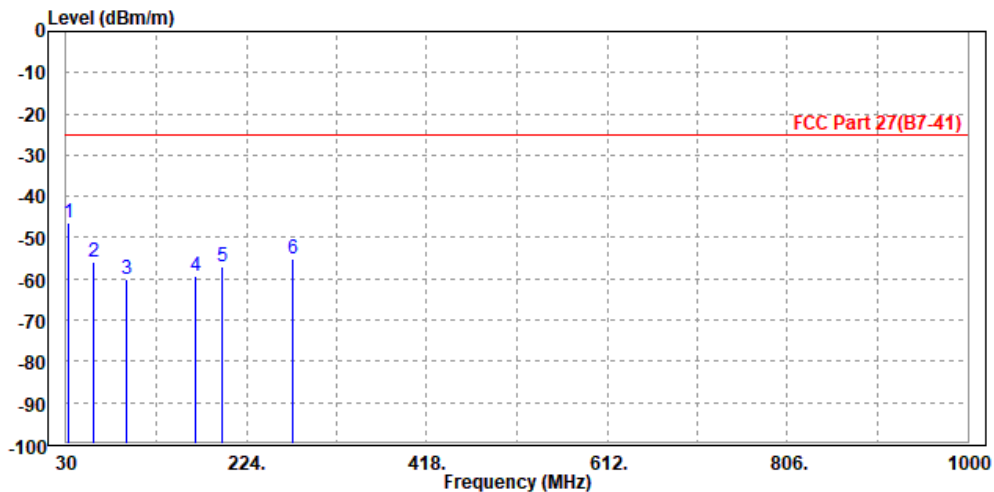
30 MHz – 1GHz data:

LTE Band 7

CHANNEL BANDWIDTH: 5MHz / QPSK

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

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP	31.940	-46.27	-62.94	-25.00	-21.27	16.67 Peak	Horizontal
2		59.100	-55.98	-49.74	-25.00	-30.98	-6.24 Peak	Horizontal
3		94.990	-60.10	-50.00	-25.00	-35.10	-10.10 Peak	Horizontal
4		169.680	-59.50	-41.37	-25.00	-34.50	-18.13 Peak	Horizontal
5		197.810	-57.12	-39.83	-25.00	-32.12	-17.29 Peak	Horizontal
6		273.470	-55.15	-40.03	-25.00	-30.15	-15.12 Peak	Horizontal

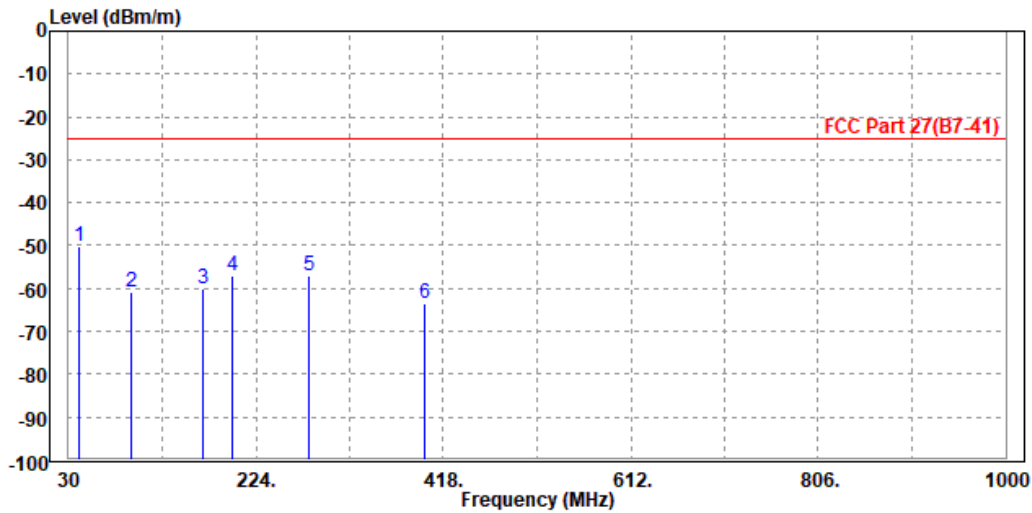




Test Report No.: RFA20210104W001-7

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

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase	
	MHz	dBm/m	dBm	dBm/m	dB	dB/m			
1	PP	40.670	-50.27	-48.74	-25.00	-25.27	-1.53	Peak	Vertical
2		94.990	-60.77	-50.16	-25.00	-35.77	-10.61	Peak	Vertical
3		169.680	-60.02	-45.77	-25.00	-35.02	-14.25	Peak	Vertical
4		199.750	-57.18	-46.51	-25.00	-32.18	-10.67	Peak	Vertical
5		278.320	-57.22	-45.83	-25.00	-32.22	-11.39	Peak	Vertical
6		398.600	-63.64	-52.70	-25.00	-38.64	-10.94	Peak	Vertical







Test Report No.: RFA20210104W001-7

**ABOVE 1GHz**

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

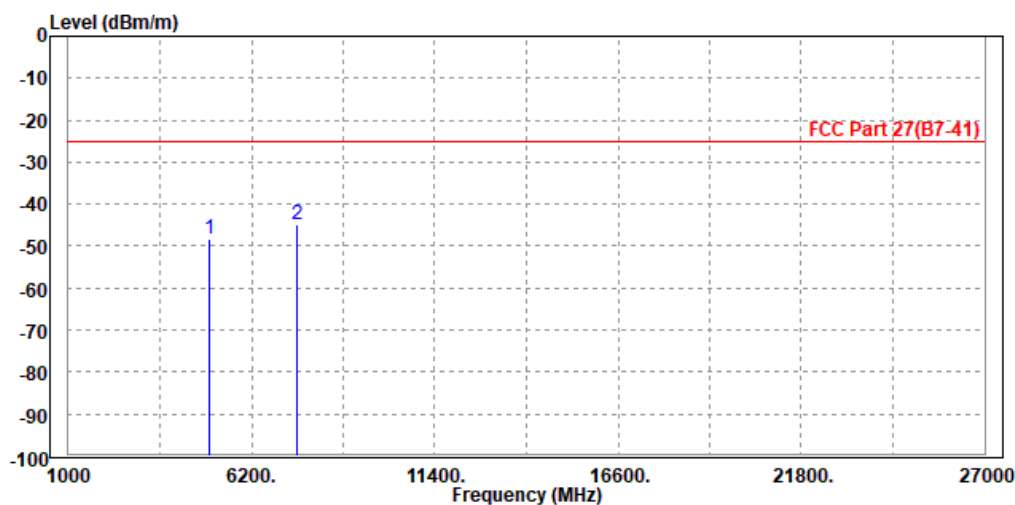
**LTE Band 7**

**CHANNEL BANDWIDTH: 5MHz / QPSK**

**CH 20775**

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

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5004.000	-48.21	-56.75	-25.00	-23.21	8.54	Peak	Horizontal
2 PP	7507.500	-44.89	-56.25	-25.00	-19.89	11.36	Peak	Horizontal

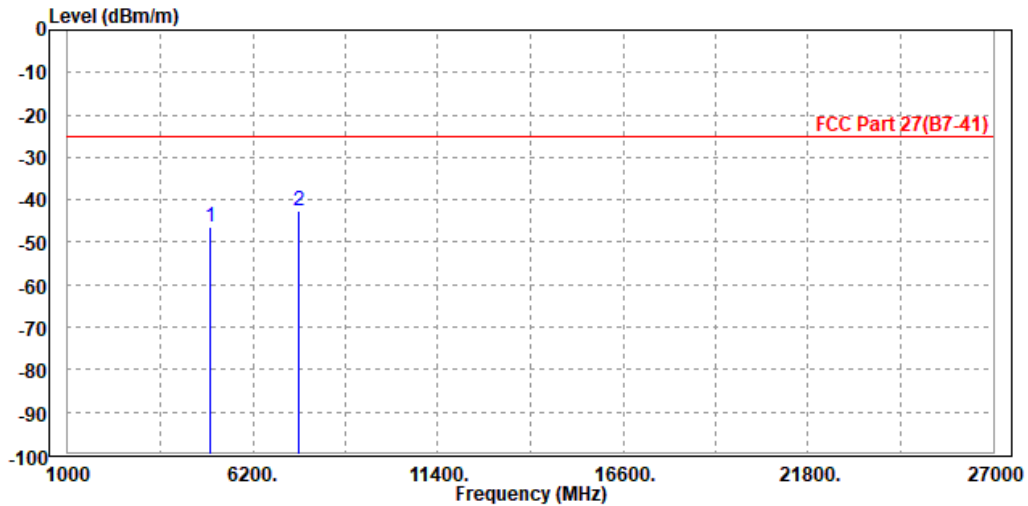




Test Report No.: RFA20210104W001-7

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

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5004.000	-46.52	-56.42	-25.00	-21.52	9.90	Peak	Vertical
2 PP	7507.500	-42.67	-55.41	-25.00	-17.67	12.74	Peak	Vertical





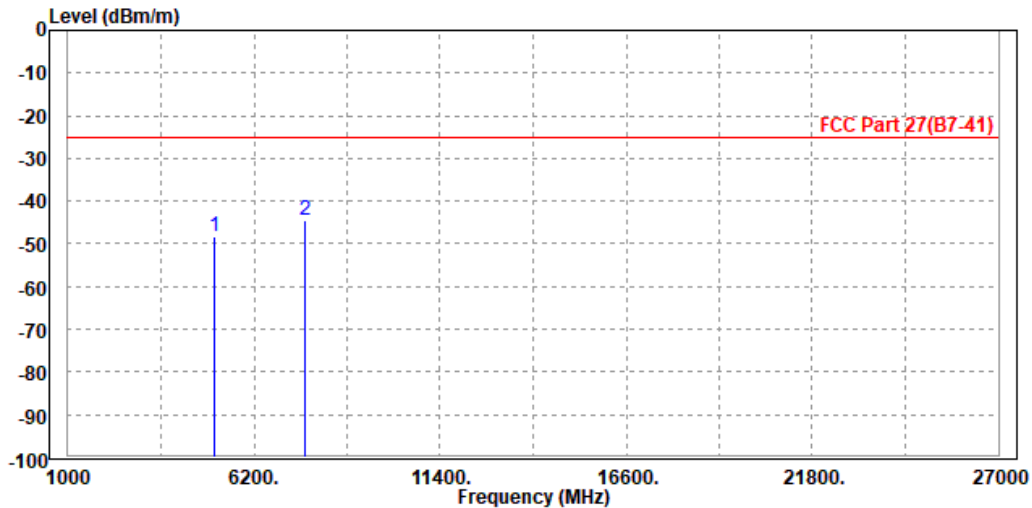
BUREAU VERITAS

Test Report No.: RFA20210104W001-7

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		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5082.000	-48.23	-57.00	-25.00	-23.23	8.77	Peak	Horizontal
2	PP 7605.000	-44.42	-55.82	-25.00	-19.42	11.40	Peak	Horizontal

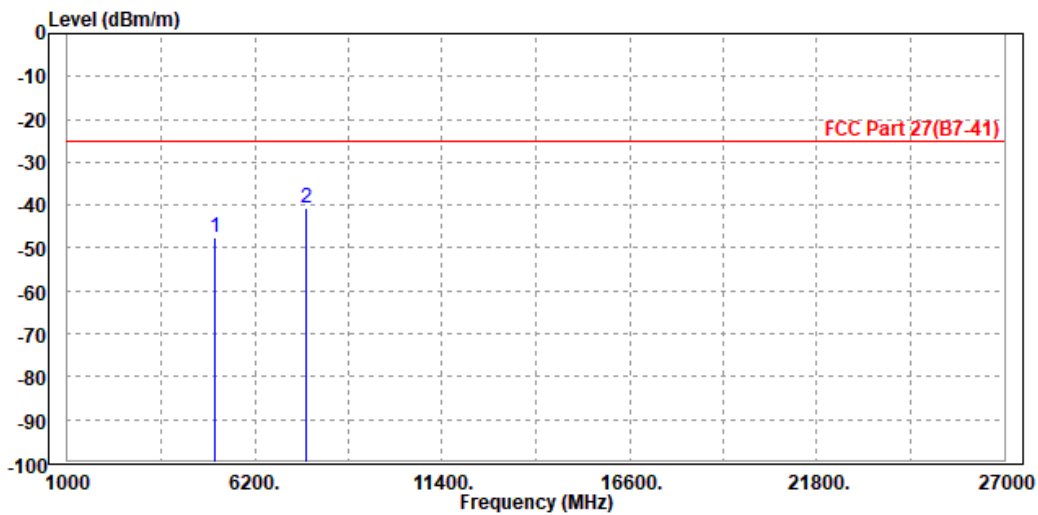




Test Report No.: RFA20210104W001-7

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

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5082.000	-47.40	-57.27	-25.00	-22.40	9.87	Peak	Vertical
2 PP	7605.000	-40.80	-53.58	-25.00	-15.80	12.78	Peak	Vertical





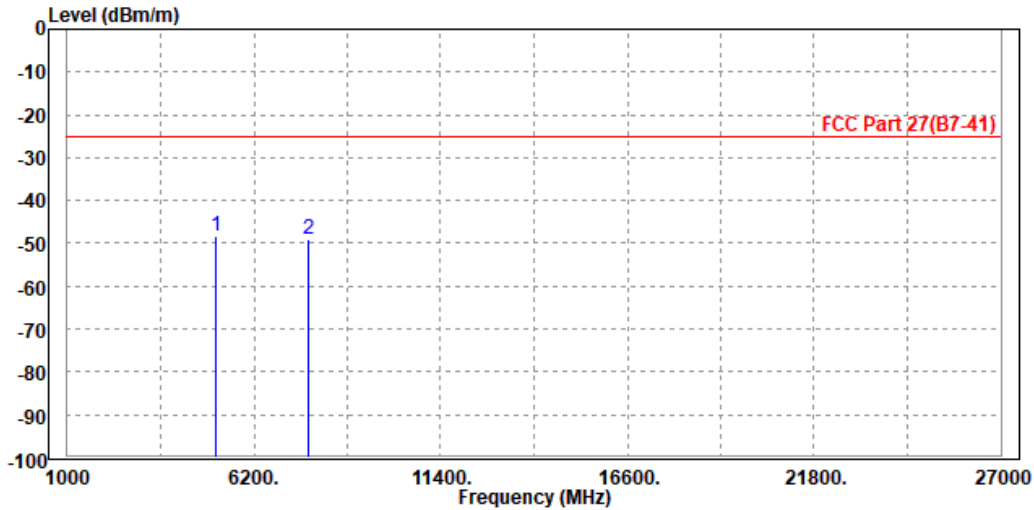
BUREAU VERITAS

Test Report No.: RFA20210104W001-7

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		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	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	-48.25	-57.18	-25.00	-23.25	8.93	Peak	Horizontal
2	7702.500	-49.12	-60.56	-25.00	-24.12	11.44	Peak	Horizontal

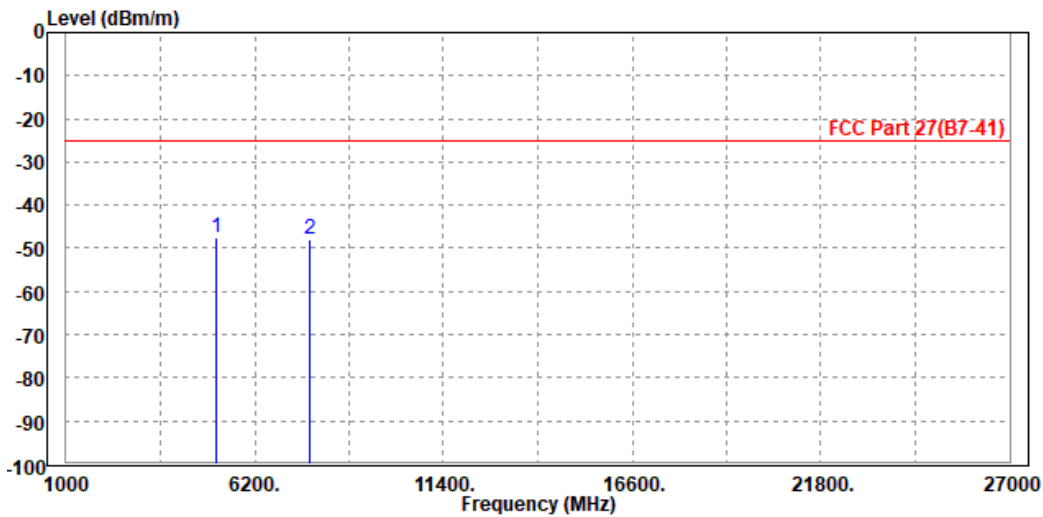




Test Report No.: RFA20210104W001-7

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

	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	-47.63	-57.48	-25.00	-22.63	9.85	Peak	Vertical
2	7702.500	-47.75	-60.57	-25.00	-22.75	12.82	Peak	Vertical



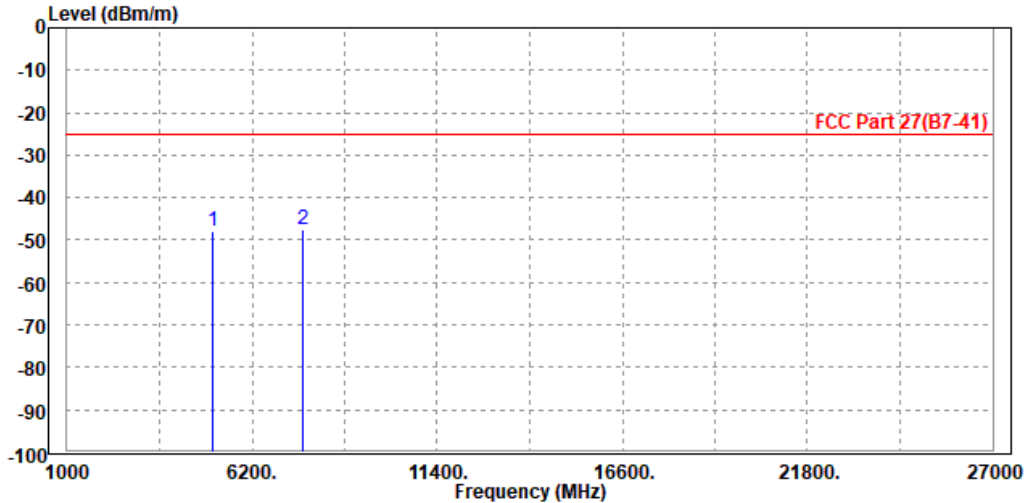


Test Report No.: RFA20210104W001-7

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		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5082.000	-47.84	-56.61	-25.00	-22.84	8.77	Peak	Horizontal
2 PP	7605.000	-47.60	-59.00	-25.00	-22.60	11.40	Peak	Horizontal

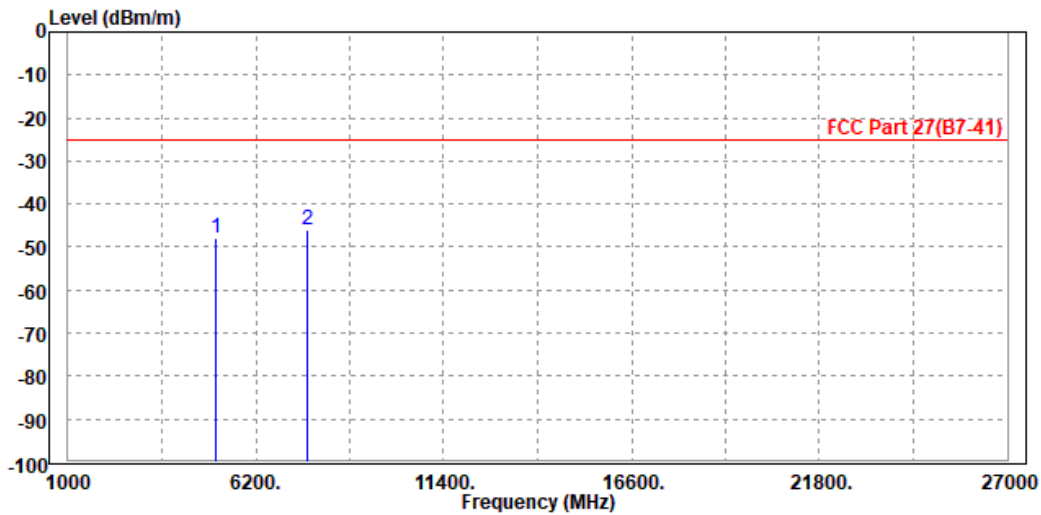




Test Report No.: RFA20210104W001-7

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

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5082.000	-47.76	-57.63	-25.00	-22.76	9.87	Peak	Vertical
2 PP	7605.000	-46.17	-58.95	-25.00	-21.17	12.78	Peak	Vertical





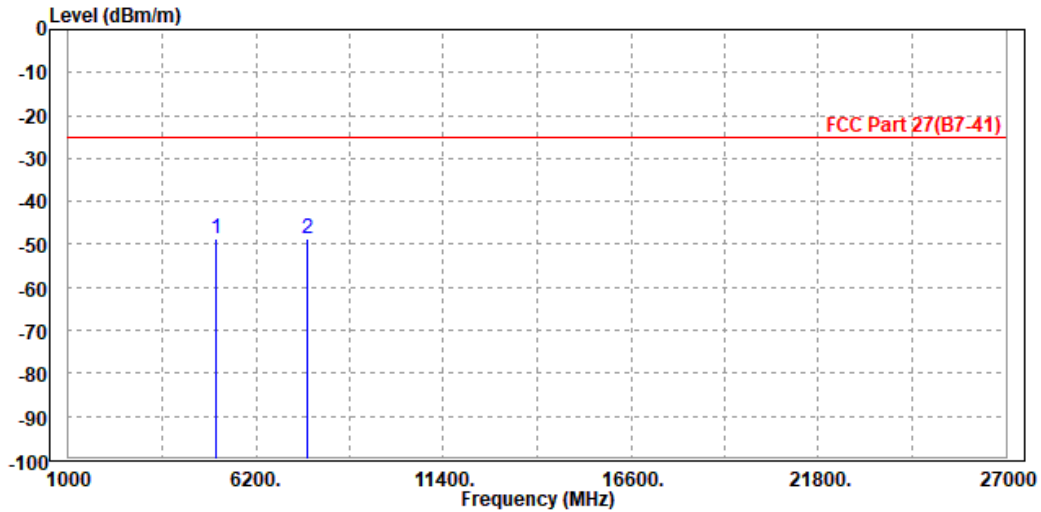


Test Report No.: RFA20210104W001-7

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		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	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	-48.61	-57.38	-25.00	-23.61	8.77	Peak	Horizontal
2	7605.000	-48.77	-60.17	-25.00	-23.77	11.40	Peak	Horizontal

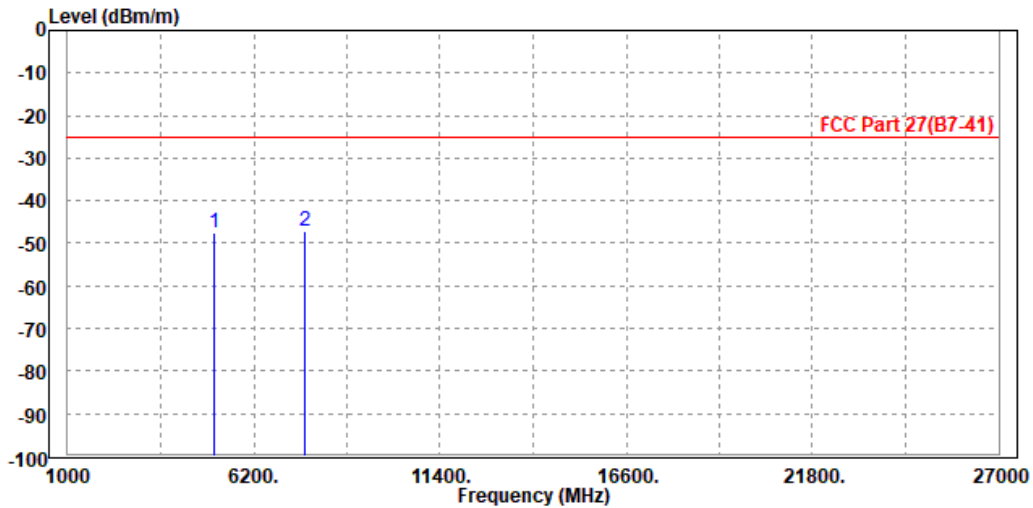




Test Report No.: RFA20210104W001-7

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

	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	-47.33	-60.11	-25.00	-22.33	12.78	Peak	Vertical





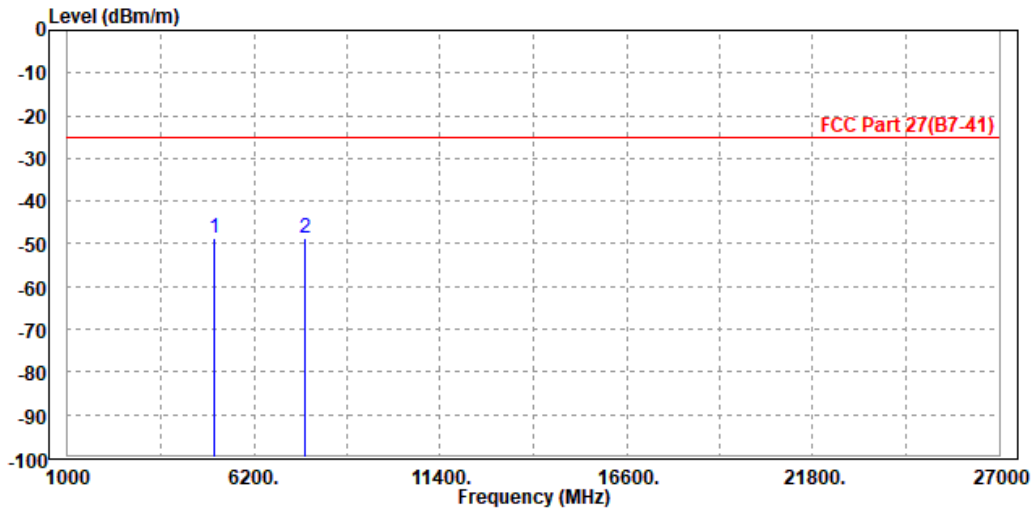
BUREAU VERITAS

Test Report No.: RFA20210104W001-7

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		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	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	-48.49	-57.26	-25.00	-23.49	8.77	Peak	Horizontal
2	7605.000	-48.54	-59.94	-25.00	-23.54	11.40	Peak	Horizontal

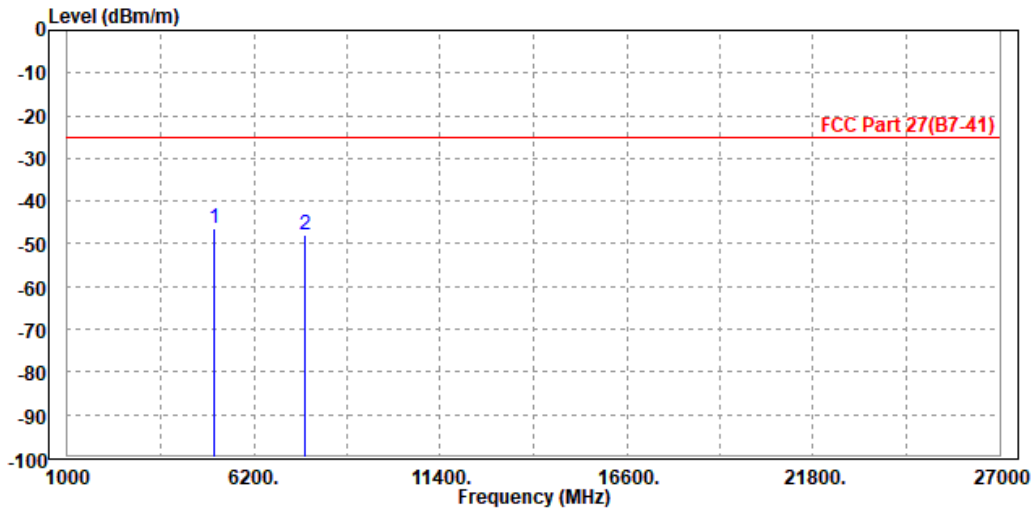




Test Report No.: RFA20210104W001-7

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

	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	-46.28	-56.15	-25.00	-21.28	9.87	Peak	Vertical
2	7605.000	-47.78	-60.56	-25.00	-22.78	12.78	Peak	Vertical





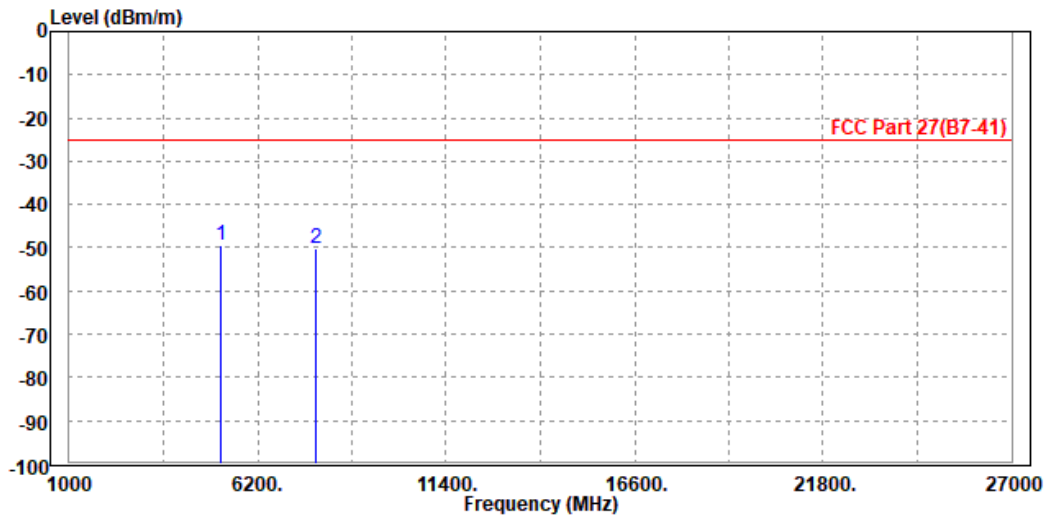
Test Report No.: RFA20210104W001-7

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		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	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	-49.26	-58.34	-25.00	-24.26	9.08	Peak	Horizontal
2	7785.000	-50.07	-61.55	-25.00	-25.07	11.48	Peak	Horizontal

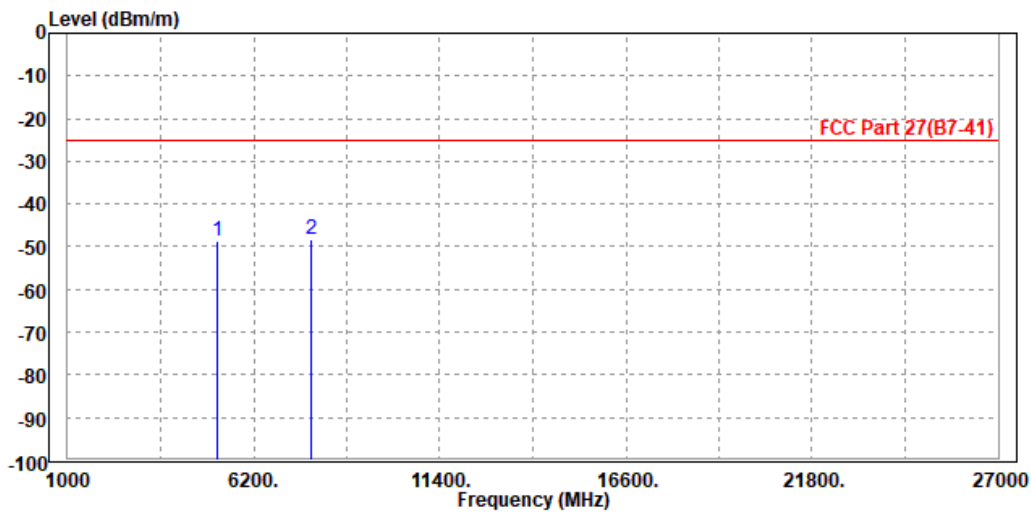




Test Report No.: RFA20210104W001-7

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

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5186.000	-48.81	-58.64	-25.00	-23.81	9.83	Peak	Vertical
2	PP 7785.000	-48.16	-61.01	-25.00	-23.16	12.85	Peak	Vertical





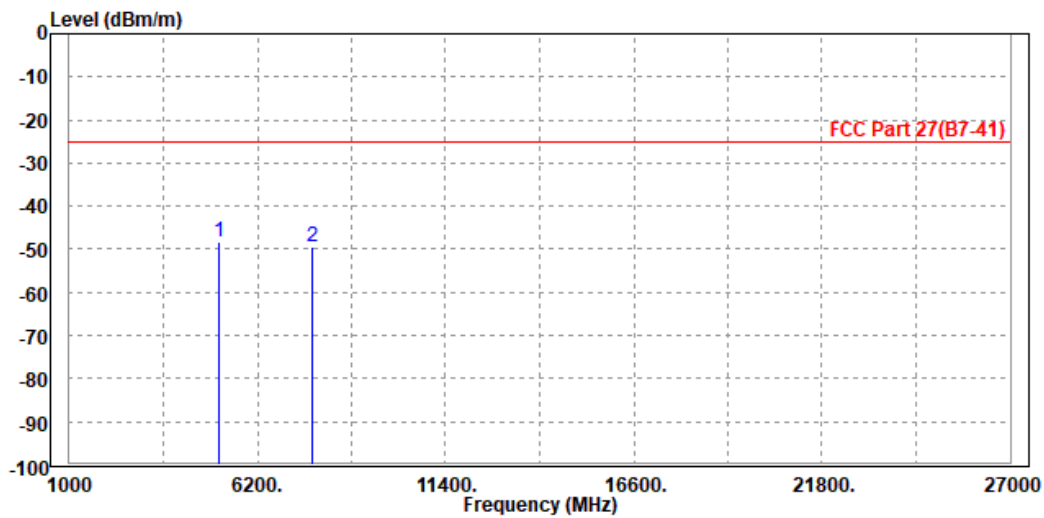
Test Report No.: RFA20210104W001-7

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		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	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	-48.22	-57.22	-25.00	-23.22	9.00	Peak	Horizontal
2	7725.000	-49.27	-60.72	-25.00	-24.27	11.45	Peak	Horizontal

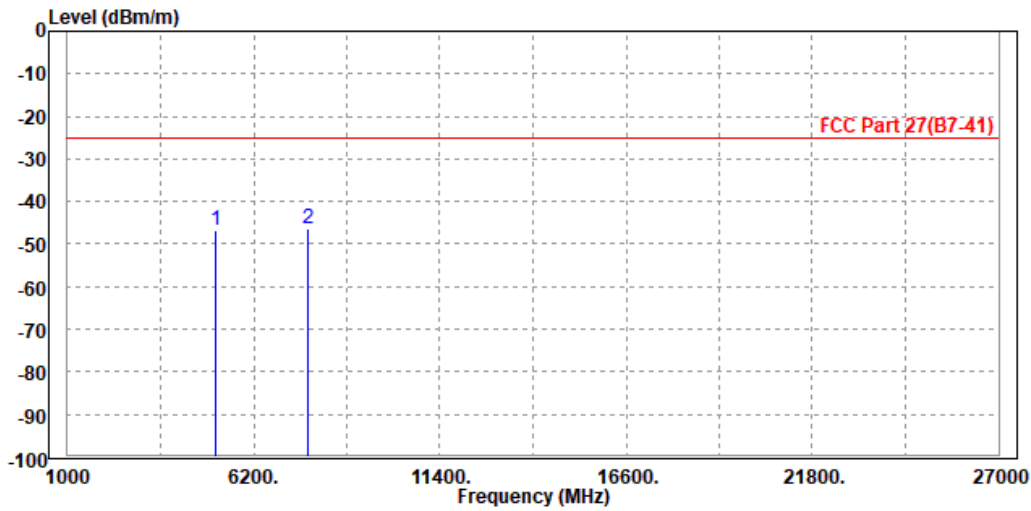




Test Report No.: RFA20210104W001-7

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

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5160.000	-46.94	-56.78	-25.00	-21.94	9.84	Peak	Vertical
2 PP	7725.000	-46.38	-59.21	-25.00	-21.38	12.83	Peak	Vertical





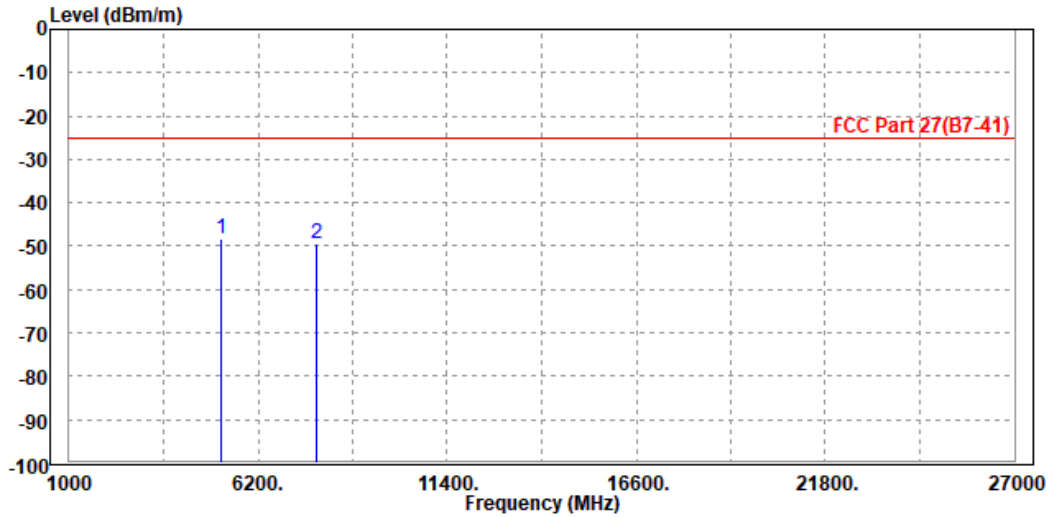


Test Report No.: RFA20210104W001-7

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		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	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	-48.24	-57.32	-25.00	-23.24	9.08	Peak	Horizontal
2	7785.000	-49.50	-60.98	-25.00	-24.50	11.48	Peak	Horizontal

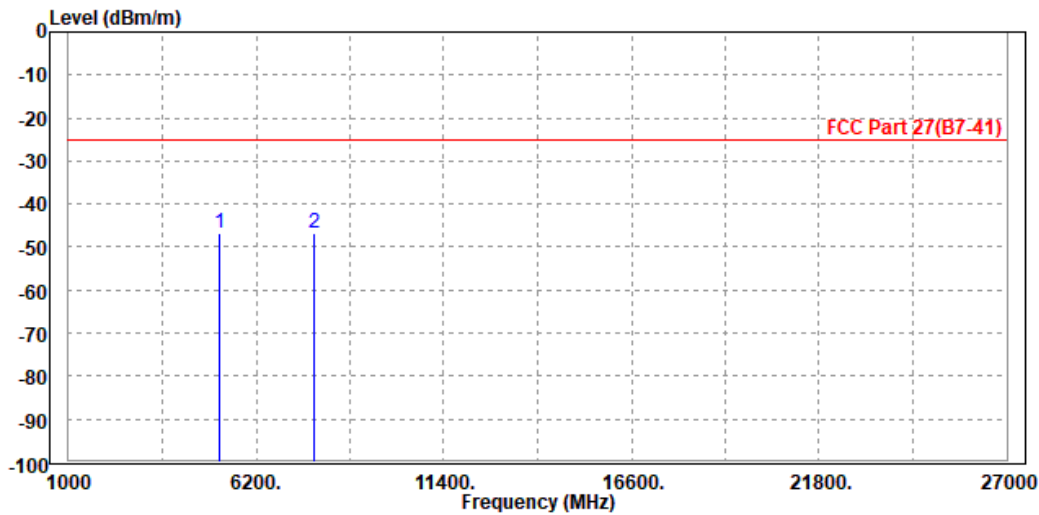




Test Report No.: RFA20210104W001-7

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

	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	-46.72	-56.55	-25.00	-21.72	9.83	Peak	Vertical
2	7785.000	-46.92	-59.77	-25.00	-21.92	12.85	Peak	Vertical



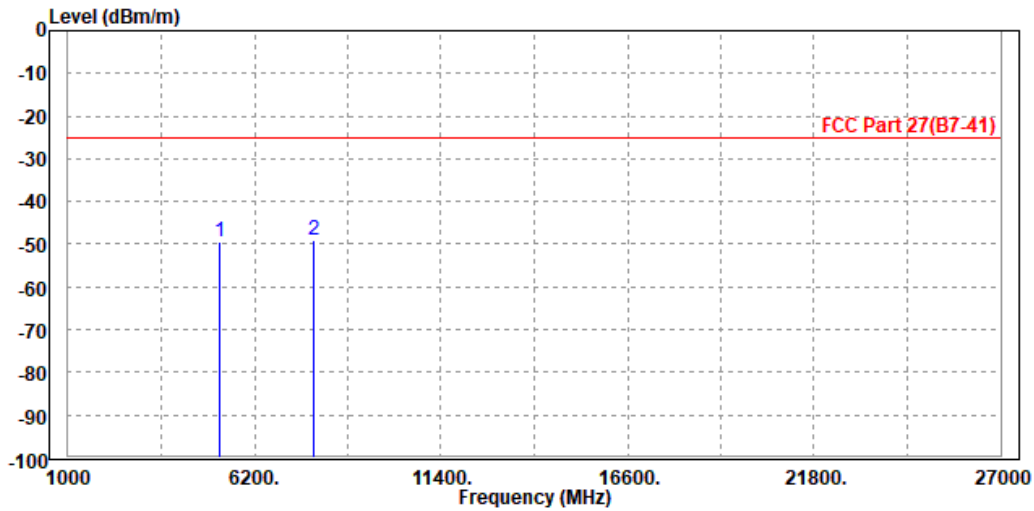


Test Report No.: RFA20210104W001-7

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		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5238.000	-49.52	-58.76	-25.00	-24.52	9.24	Peak	Horizontal
2	PP 7845.000	-49.11	-60.61	-25.00	-24.11	11.50	Peak	Horizontal

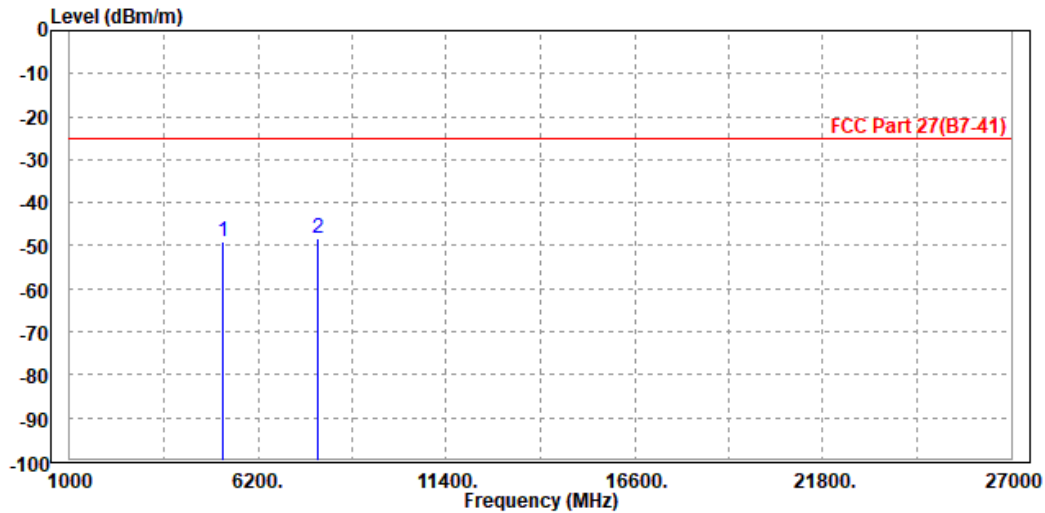




Test Report No.: RFA20210104W001-7

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

	Freq	Read Level	Limit Level	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m	
1	5230.000	-49.04	-58.85	-25.00	-24.04	9.81 Peak	Vertical
2	PP 7845.000	-48.26	-61.13	-25.00	-23.26	12.87 Peak	Vertical



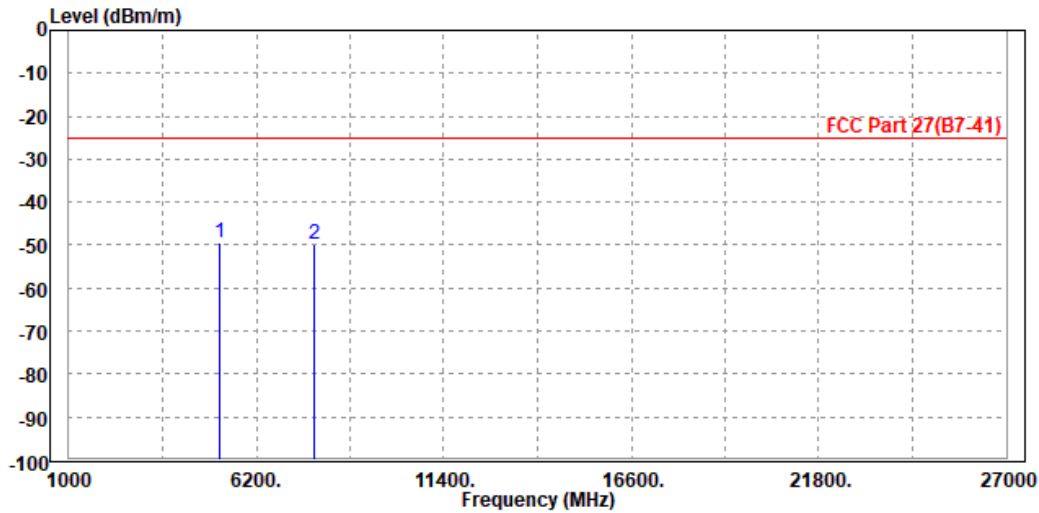


Test Report No.: RFA20210104W001-7

CHANNEL BANDWIDTH: 15MHz / QPSK

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

	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	-49.52	-58.60	-25.00	-24.52	9.08	Peak	Horizontal
2	7785.000	-49.80	-61.28	-25.00	-24.80	11.48	Peak	Horizontal

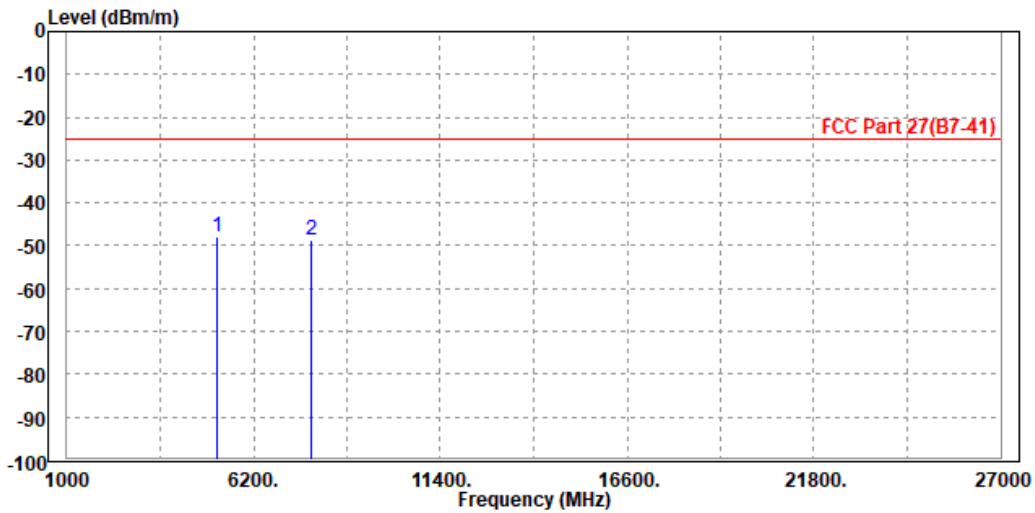




Test Report No.: RFA20210104W001-7

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

	Read	Limit	Over			
Freq	Level	Level	Line	Limit	Factor	Remark
MHz	dBm/m	dBm	dBm/m	dB	dB/m	Pol/Phase
1 PP 5186.000	-47.77	-57.60	-25.00	-22.77	9.83	Peak Vertical
2 7785.000	-48.60	-61.45	-25.00	-23.60	12.85	Peak Vertical



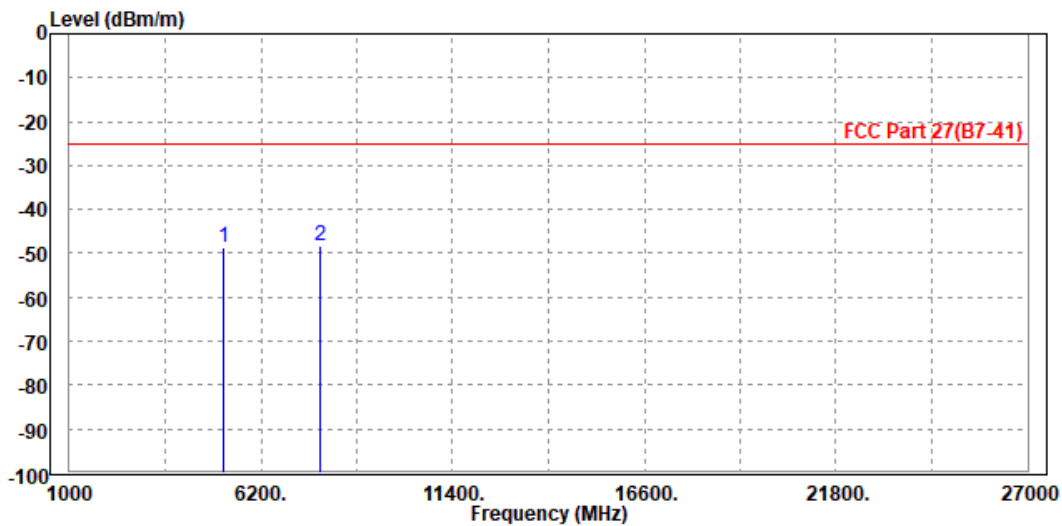


Test Report No.: RFA20210104W001-7

**CHANNEL BANDWIDTH: 20MHz / QPSK**

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

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5186.000	-48.61	-57.69	-25.00	-23.61	9.08	Peak	Horizontal
2	7785.000	-48.46	-59.94	-25.00	-23.46	11.48	Peak	Horizontal

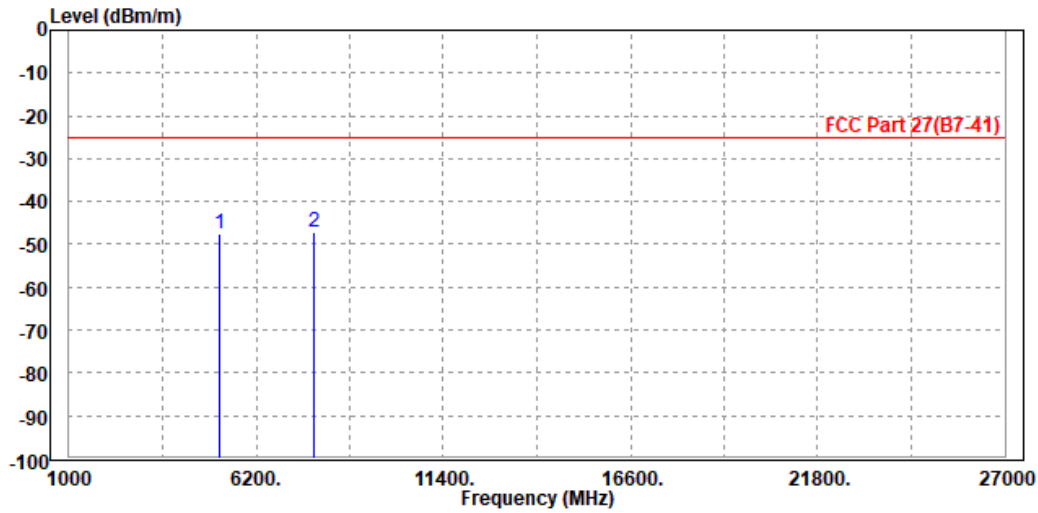




Test Report No.: RFA20210104W001-7

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

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5186.000	-47.39	-57.22	-25.00	-22.39	9.83	Peak	Vertical
2	PP 7785.000	-47.08	-59.93	-25.00	-22.08	12.85	Peak	Vertical







BUREAU VERITAS

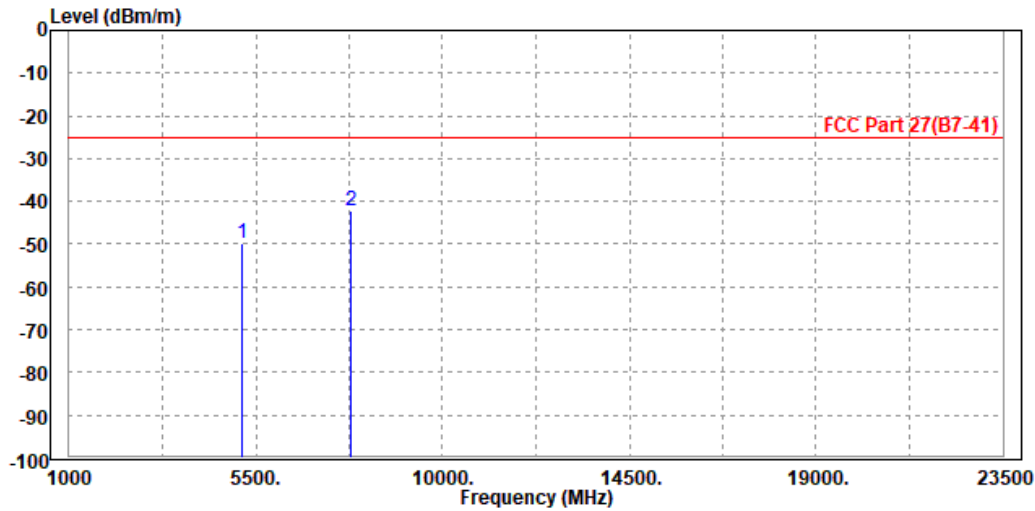
Test Report No.: RFA20210104W001-7

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		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5186.000	-49.65	-58.73	-25.00	-24.65	9.08	Peak	Horizontal
2	PP 7772.500	-42.33	-53.80	-25.00	-17.33	11.47	Peak	Horizontal

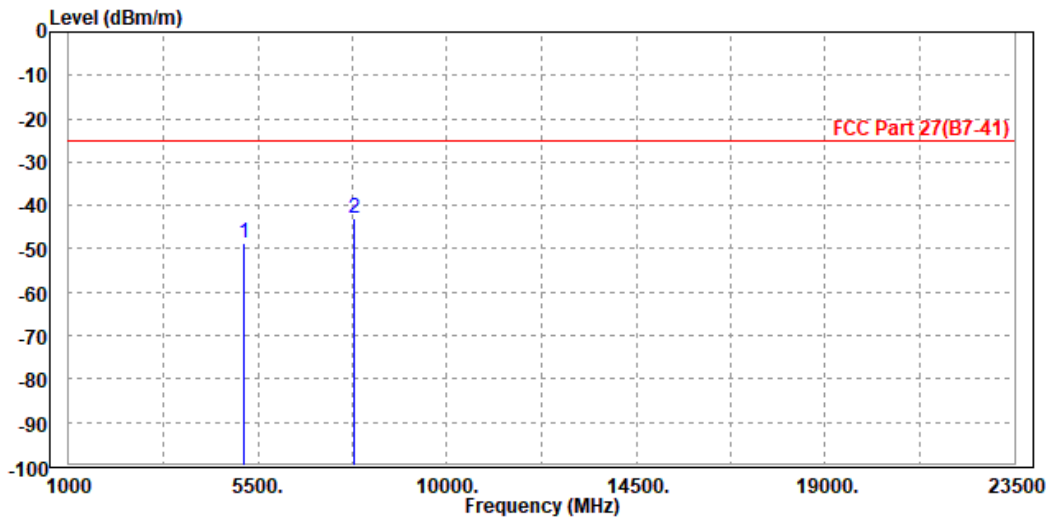




Test Report No.: RFA20210104W001-7

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

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5185.000	-48.71	-58.54	-25.00	-23.71	9.83	Peak	Vertical
2 PP	7779.000	-42.88	-55.73	-25.00	-17.88	12.85	Peak	Vertical





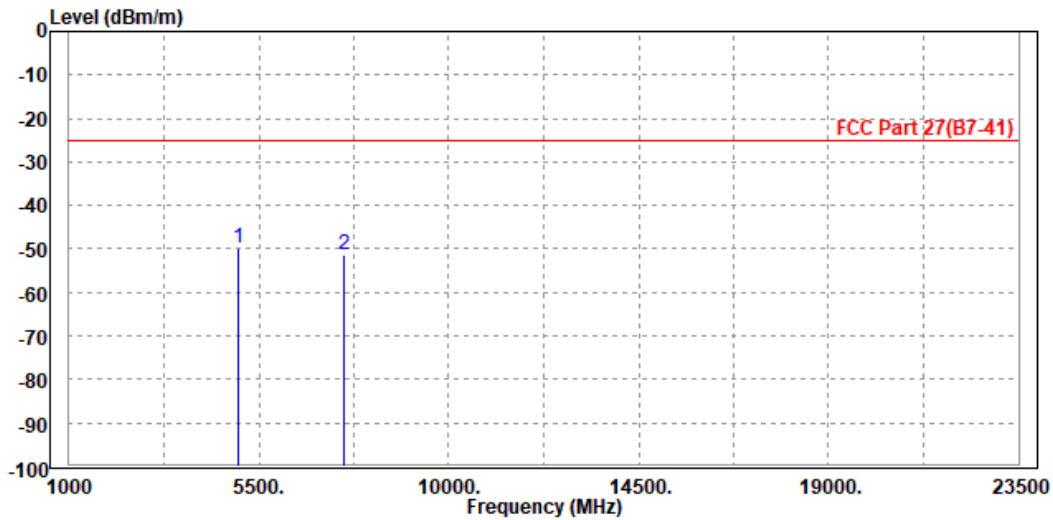
Test Report No.: RFA20210104W001-7

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		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	Freq	Level	Read Level	Limit	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 5005.000	-49.70	-58.24	-25.00	-24.70	8.54	Peak	Horizontal
2	7503.000	-51.46	-62.82	-25.00	-26.46	11.36	Peak	Horizontal

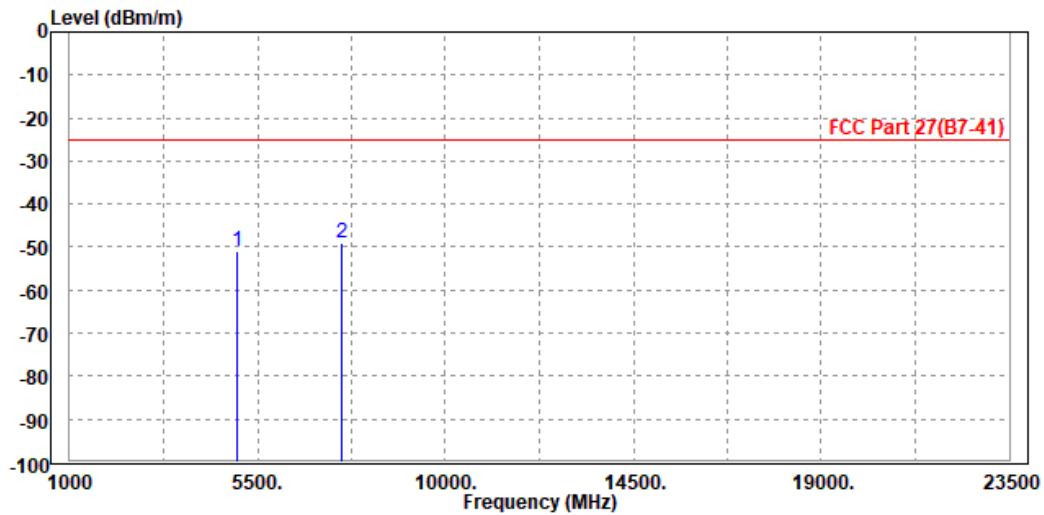




Test Report No.: RFA20210104W001-7

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

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5002.000	-50.80	-60.70	-25.00	-25.80	9.90	Peak	Vertical
2 PP	7502.500	-49.23	-61.97	-25.00	-24.23	12.74	Peak	Vertical



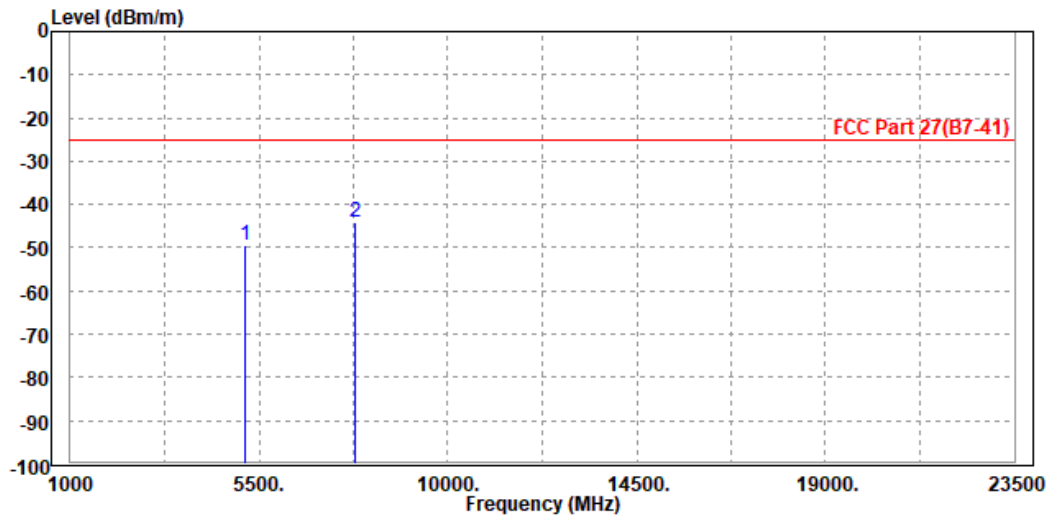


Test Report No.: RFA20210104W001-7

CH 40620

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

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5186.000	-49.45	-58.53	-25.00	-24.45	9.08	Peak	Horizontal
2 PP	7772.500	-43.97	-55.44	-25.00	-18.97	11.47	Peak	Horizontal

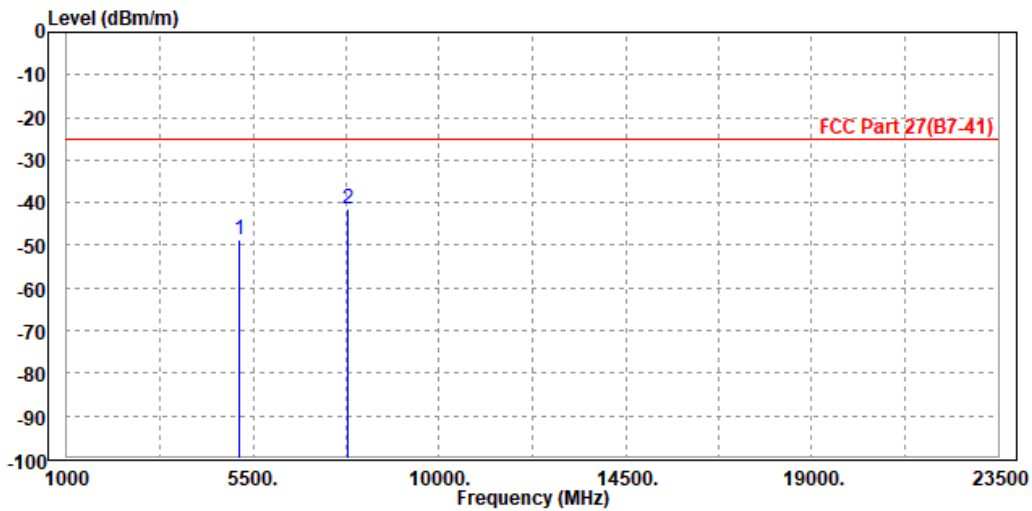




Test Report No.: RFA20210104W001-7

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

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5185.000	-48.66	-58.49	-25.00	-23.66	9.83	Peak	Vertical
2 PP	7779.000	-41.40	-54.25	-25.00	-16.40	12.85	Peak	Vertical



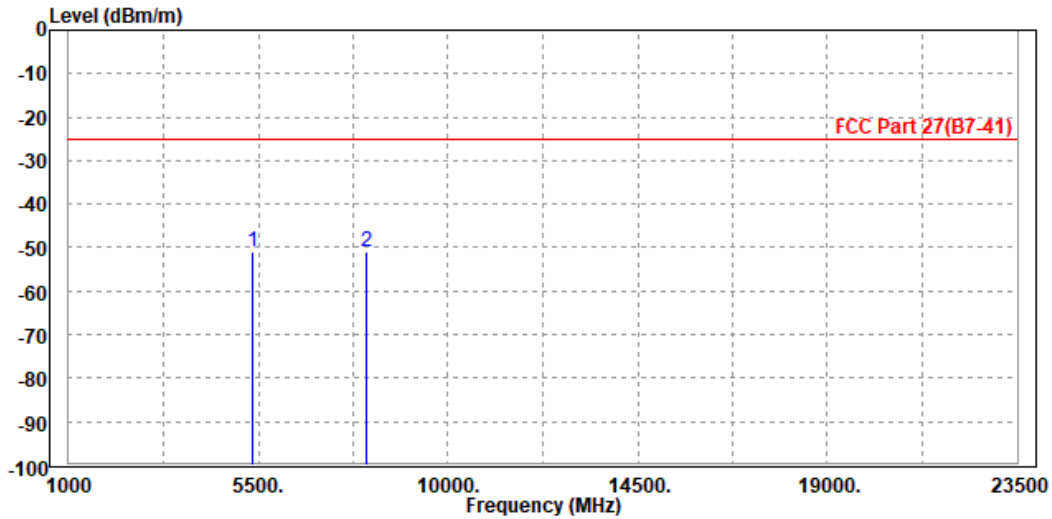


Test Report No.: RFA20210104W001-7

CH 41540

MODE	TX channel 41540	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V from adapter
TESTED BY	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 5370.000	-50.83	-60.46	-25.00	-25.83	9.63	Peak	Horizontal
2	8065.000	-51.08	-62.70	-25.00	-26.08	11.62	Peak	Horizontal

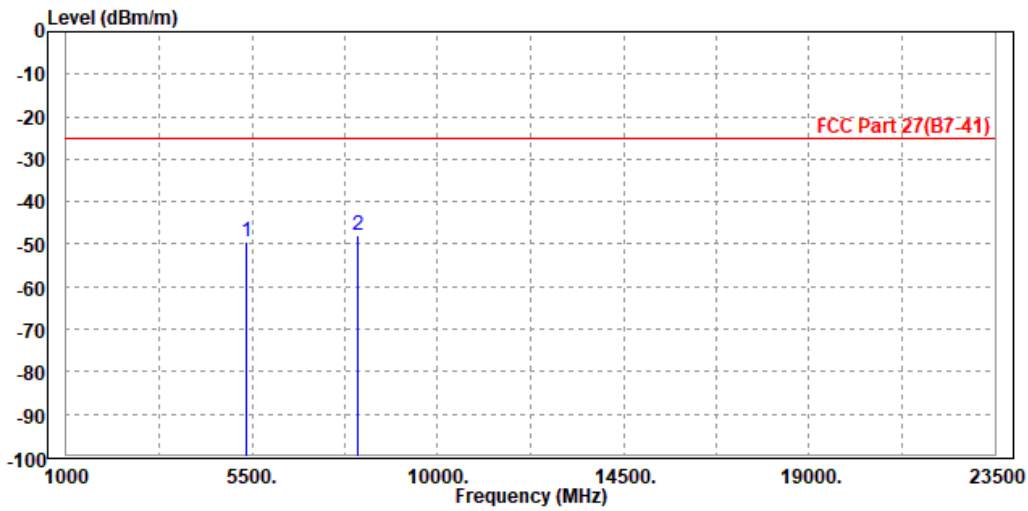




Test Report No.: RFA20210104W001-7

<b>MODE</b>	TX channel 41540	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	DC 5V from adapter
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5365.000	-49.51	-59.27	-25.00	-24.51	9.76	Peak	Vertical
2 PP	8055.000	-48.01	-61.07	-25.00	-23.01	13.06	Peak	Vertical





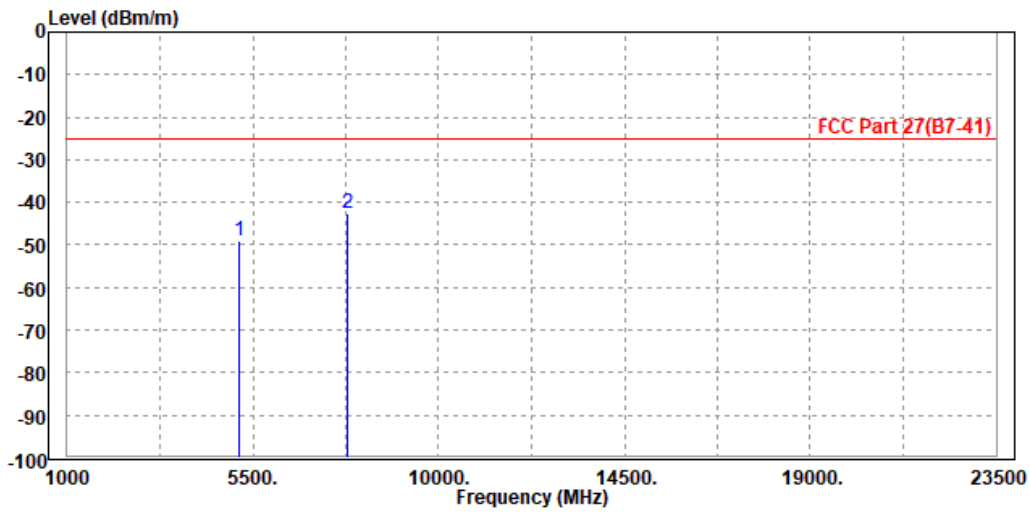


Test Report No.: RFA20210104W001-7

**CHANNEL BANDWIDTH: 15MHz / QPSK**

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

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5185.000	-49.18	-58.26	-25.00	-24.18	9.08	Peak	Horizontal
2	PP 7779.000	-42.69	-54.16	-25.00	-17.69	11.47	Peak	Horizontal

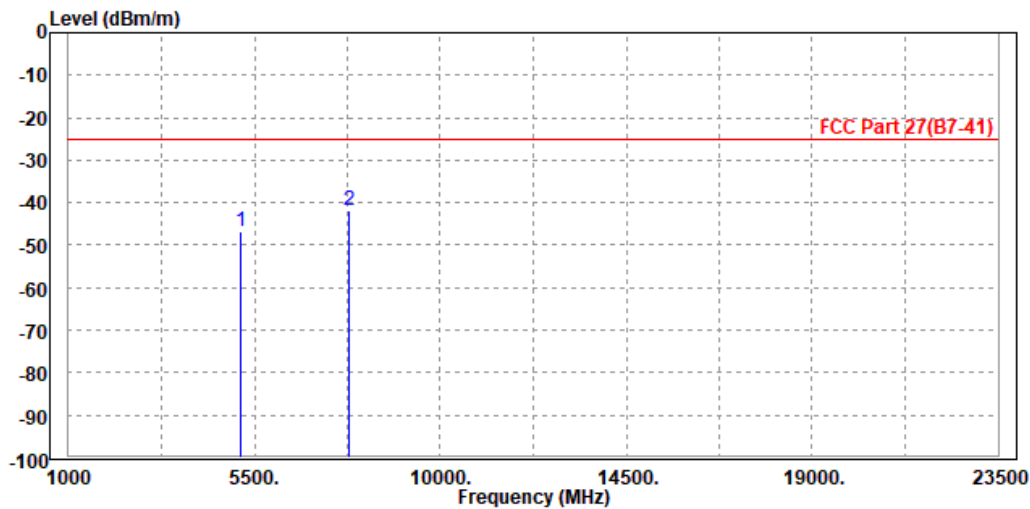




Test Report No.: RFA20210104W001-7

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

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5186.000	-46.84	-56.67	-25.00	-21.84	9.83	Peak	Vertical
2	PP 7772.500	-41.74	-54.59	-25.00	-16.74	12.85	Peak	Vertical



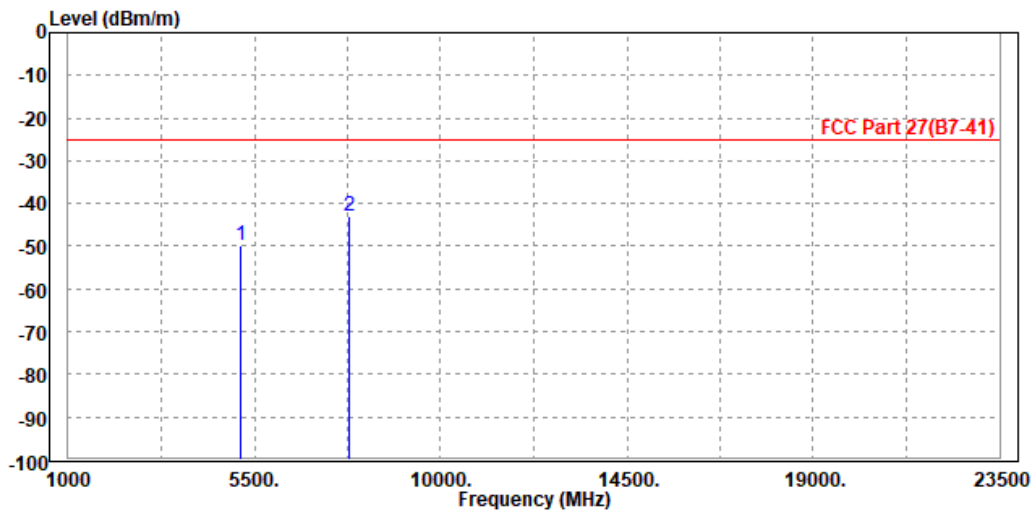


Test Report No.: RFA20210104W001-7

**CHANNEL BANDWIDTH: 20MHz / QPSK**

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

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5186.000	-49.93	-59.01	-25.00	-24.93	9.08	Peak	Horizontal
2	PP 7772.500	-43.12	-54.59	-25.00	-18.12	11.47	Peak	Horizontal

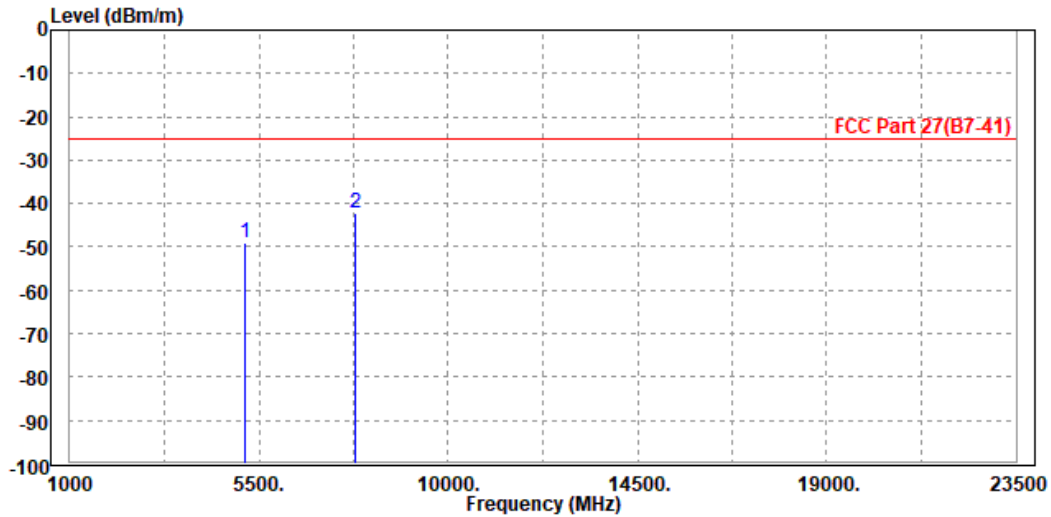




Test Report No.: RFA20210104W001-7

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

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5185.000	-49.06	-58.89	-25.00	-24.06	9.83	Peak	Vertical
2 PP	7779.000	-42.37	-55.22	-25.00	-17.37	12.85	Peak	Vertical





Test Report No.: RFA20210104W001-7

#### 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](mailto:customerservice.dg@cn.bureauveritas.com)

**Web Site:** [www.adt.com.tw](http://www.adt.com.tw)

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



Test Report No.: RFA20210104W001-7

## 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---