

Occupied Bandwidth

Channel	5MHz Bandwidth QPSK	5MHz Bandwidth 16QAM
Lowest	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 100 kHz Att 40 dB SWT 1 ms VBW 300 kHz Mode Sweep 1Pk Max M1[1] -9.46 dBm 813.9800 MHz Occ Bw 4.530938124 MHz D1 16.770 dBm D2 -9.230 dBm 5.0400 MHz CF 816.5 MHz 501 pts Span 10.0 MHz Date: 8.DEC.2021 09:09:35</p>	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 100 kHz Att 40 dB SWT 1 ms VBW 300 kHz Mode Sweep 1Pk Max M1[1] -8.85 dBm 813.9800 MHz Occ Bw 4.510978044 MHz D1 16.190 dBm D2 -9.810 dBm 5.0200 MHz CF 816.5 MHz 501 pts Span 10.0 MHz Date: 8.DEC.2021 09:10:21</p>
Middle	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 100 kHz Att 40 dB SWT 1 ms VBW 300 kHz Mode Sweep 1Pk Max M1[1] -9.74 dBm 828.9600 MHz Occ Bw 4.510978044 MHz D1 16.510 dBm D2 -9.490 dBm 5.0600 MHz CF 831.5 MHz 501 pts Span 10.0 MHz Date: 8.DEC.2021 09:10:45</p>	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 100 kHz Att 40 dB SWT 1 ms VBW 300 kHz Mode Sweep 1Pk Max M1[1] -10.32 dBm 828.9600 MHz Occ Bw 4.530938124 MHz D1 16.140 dBm D2 -9.860 dBm 5.0400 MHz CF 831.5 MHz 501 pts Span 10.0 MHz Date: 8.DEC.2021 09:11:09</p>
Highest	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 100 kHz Att 40 dB SWT 1 ms VBW 300 kHz Mode Sweep 1Pk Max M1[1] -7.76 dBm 843.9800 MHz Occ Bw 4.510978044 MHz D1 18.300 dBm D2 -7.700 dBm 5.0000 MHz CF 846.5 MHz 501 pts Span 10.0 MHz Date: 8.DEC.2021 09:11:37</p>	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 100 kHz Att 40 dB SWT 1 ms VBW 300 kHz Mode Sweep 1Pk Max M1[1] -9.73 dBm 843.9600 MHz Occ Bw 4.530938124 MHz D1 16.600 dBm D2 -9.460 dBm 5.0600 MHz CF 846.5 MHz 501 pts Span 10.0 MHz Date: 8.DEC.2021 09:12:03</p>

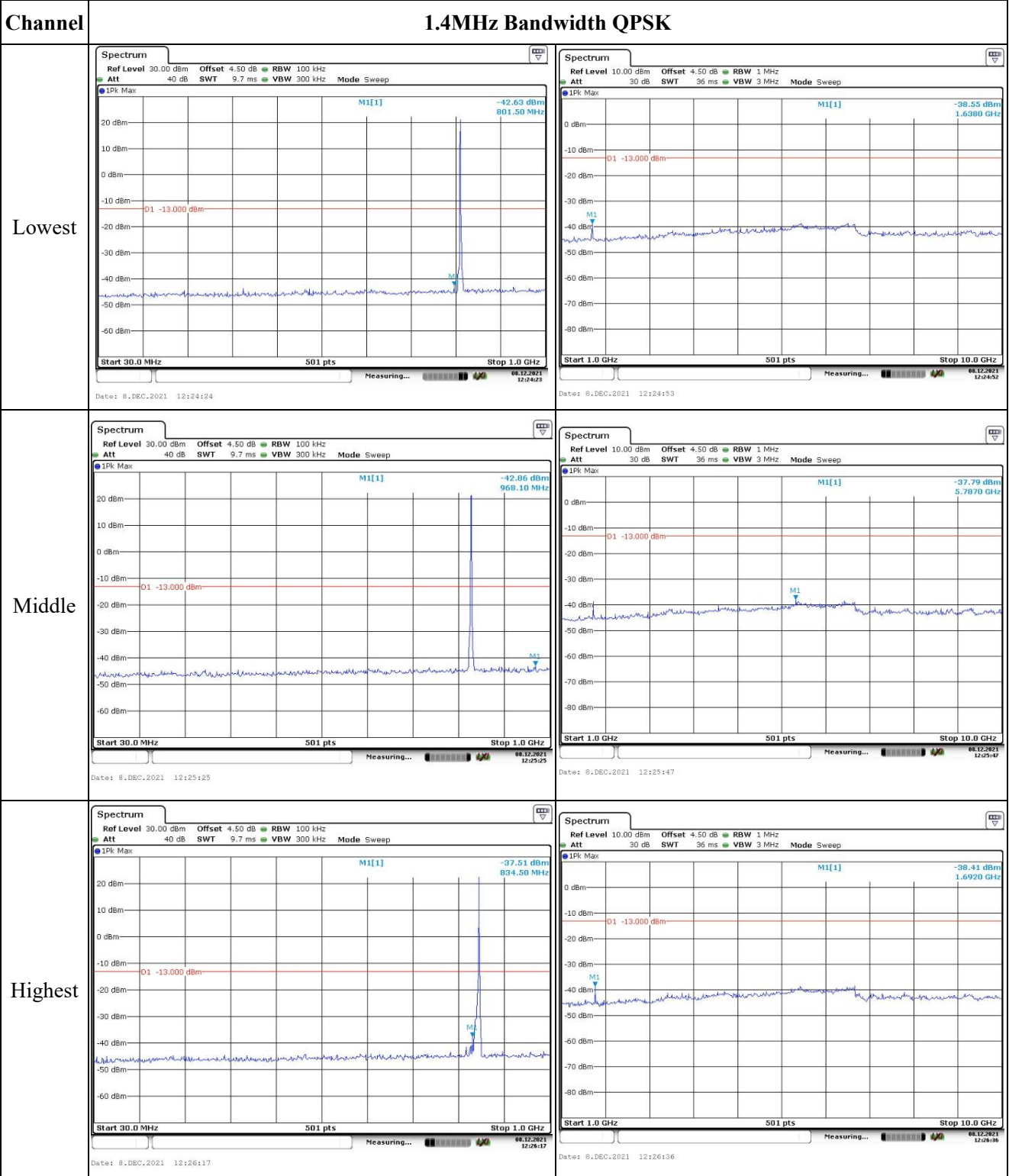
Occupied Bandwidth

Channel	10MHz Bandwidth QPSK	10MHz Bandwidth 16QAM
Lowest		
Middle		
Highest		

Occupied Bandwidth

Channel	15MHz Bandwidth QPSK	15MHz Bandwidth 16QAM
Lowest		
Middle		
Highest		

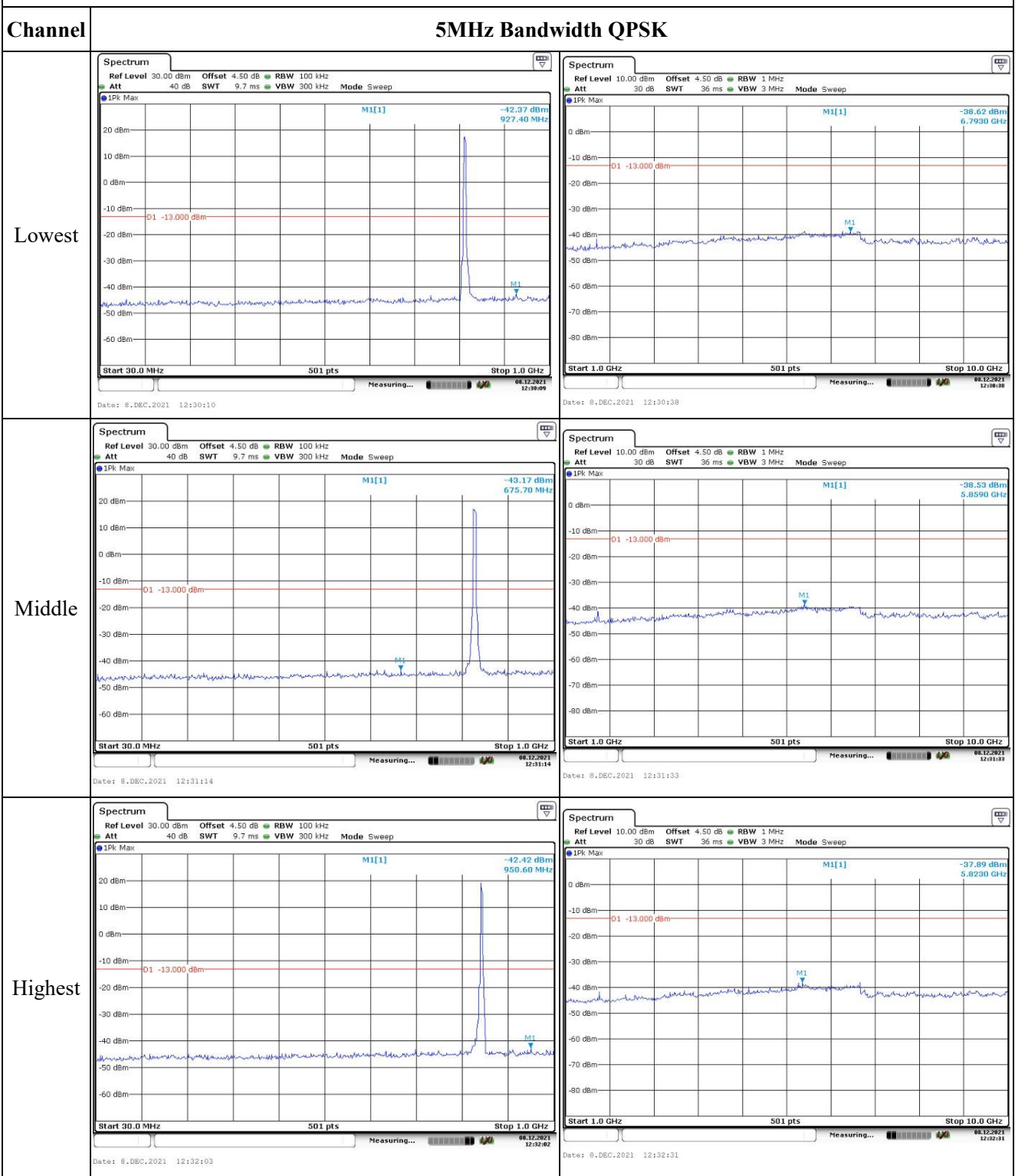
Spurious Emissions at Antenna Terminal



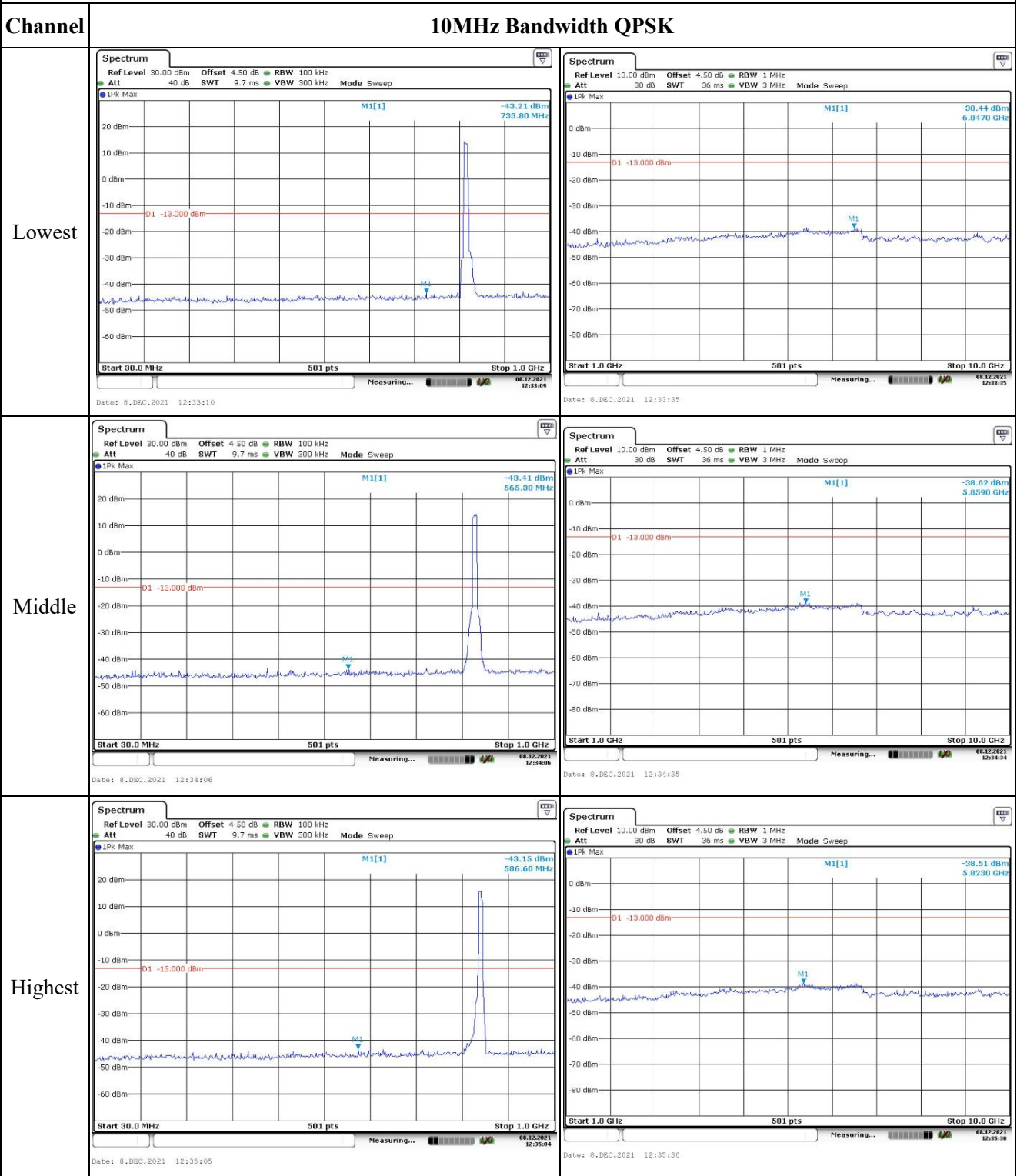
Spurious Emissions at Antenna Terminal

Channel	3MHz Bandwidth QPSK	
Lowest	<p>Spectrum Ref Level 30.00 dBm Offset 4.50 dB RBW 100 kHz Att 40 dB SWT 9.7 ms VBW 300 kHz Mode Sweep 1Pk Max M1[1] -43.15 dBm 642.80 MHz D1 -13.000 dBm Start 30.0 MHz 501 pts Stop 1.0 GHz Date: 8.DEC.2021 12:27:08</p>	<p>Spectrum Ref Level 10.00 dBm Offset 4.50 dB RBW 1 MHz Att 30 dB SWT 36 ms VBW 3 MHz Mode Sweep 1Pk Max M1[1] -38.79 dBm 6.7930 GHz D1 -13.000 dBm Start 1.0 GHz 501 pts Stop 10.0 GHz Date: 8.DEC.2021 12:27:39</p>
Middle	<p>Spectrum Ref Level 30.00 dBm Offset 4.50 dB RBW 100 kHz Att 40 dB SWT 9.7 ms VBW 300 kHz Mode Sweep 1Pk Max M1[1] -42.96 dBm 534.40 MHz D1 -13.000 dBm Start 30.0 MHz 501 pts Stop 1.0 GHz Date: 8.DEC.2021 12:28:15</p>	<p>Spectrum Ref Level 10.00 dBm Offset 4.50 dB RBW 1 MHz Att 30 dB SWT 36 ms VBW 3 MHz Mode Sweep 1Pk Max M1[1] -38.80 dBm 5.8410 GHz D1 -13.000 dBm Start 1.0 GHz 501 pts Stop 10.0 GHz Date: 8.DEC.2021 12:28:44</p>
Highest	<p>Spectrum Ref Level 30.00 dBm Offset 4.50 dB RBW 100 kHz Att 40 dB SWT 9.7 ms VBW 300 kHz Mode Sweep 1Pk Max M1[1] -42.85 dBm 908.00 MHz D1 -13.000 dBm Start 30.0 MHz 501 pts Stop 1.0 GHz Date: 8.DEC.2021 12:29:10</p>	<p>Spectrum Ref Level 10.00 dBm Offset 4.50 dB RBW 1 MHz Att 30 dB SWT 36 ms VBW 3 MHz Mode Sweep 1Pk Max M1[1] -38.37 dBm 6.9550 GHz D1 -13.000 dBm Start 1.0 GHz 501 pts Stop 10.0 GHz Date: 8.DEC.2021 12:29:35</p>

Spurious Emissions at Antenna Terminal



Spurious Emissions at Antenna Terminal

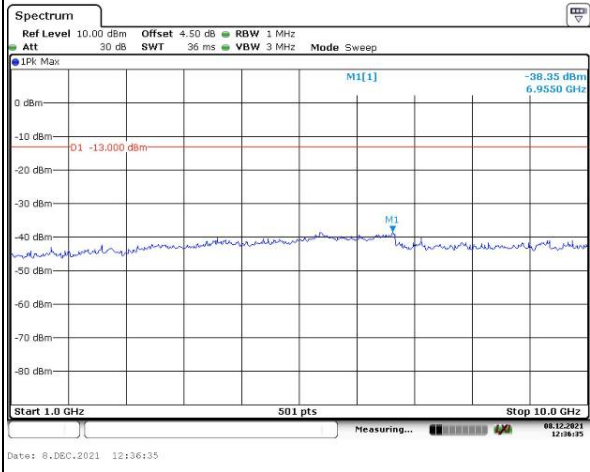
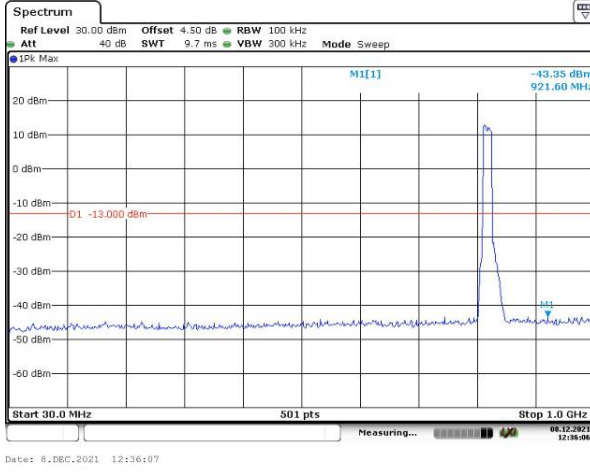


Spurious Emissions at Antenna Terminal

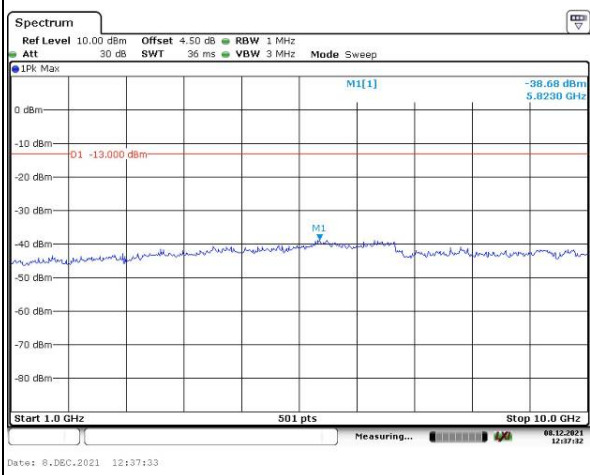
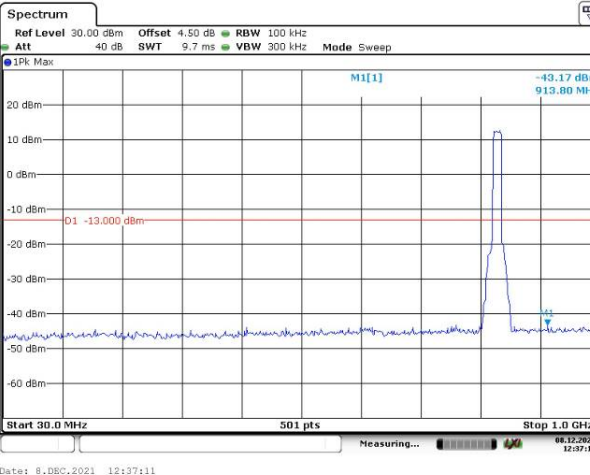
Channel

15MHz Bandwidth QPSK

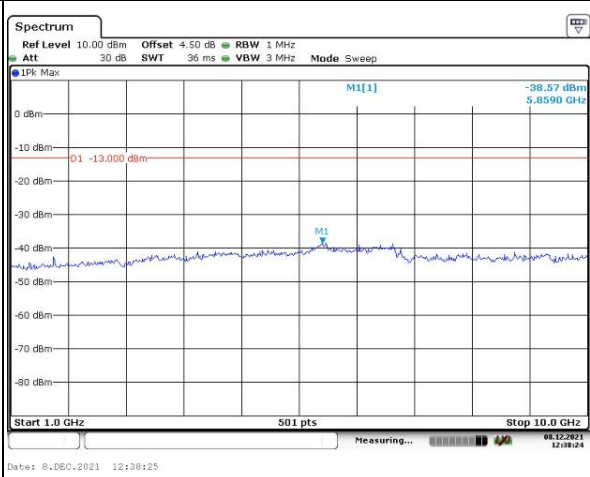
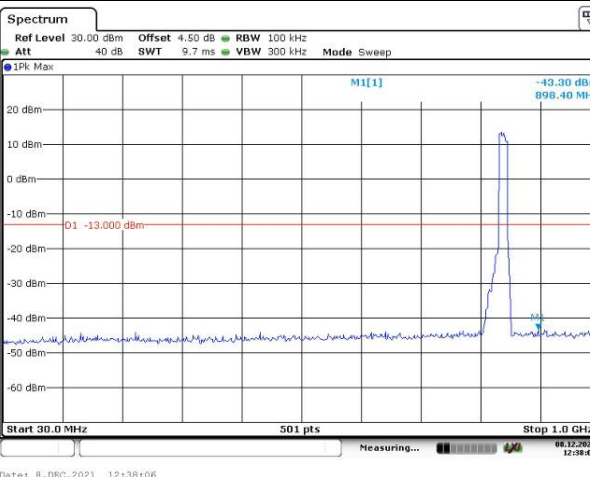
Lowest



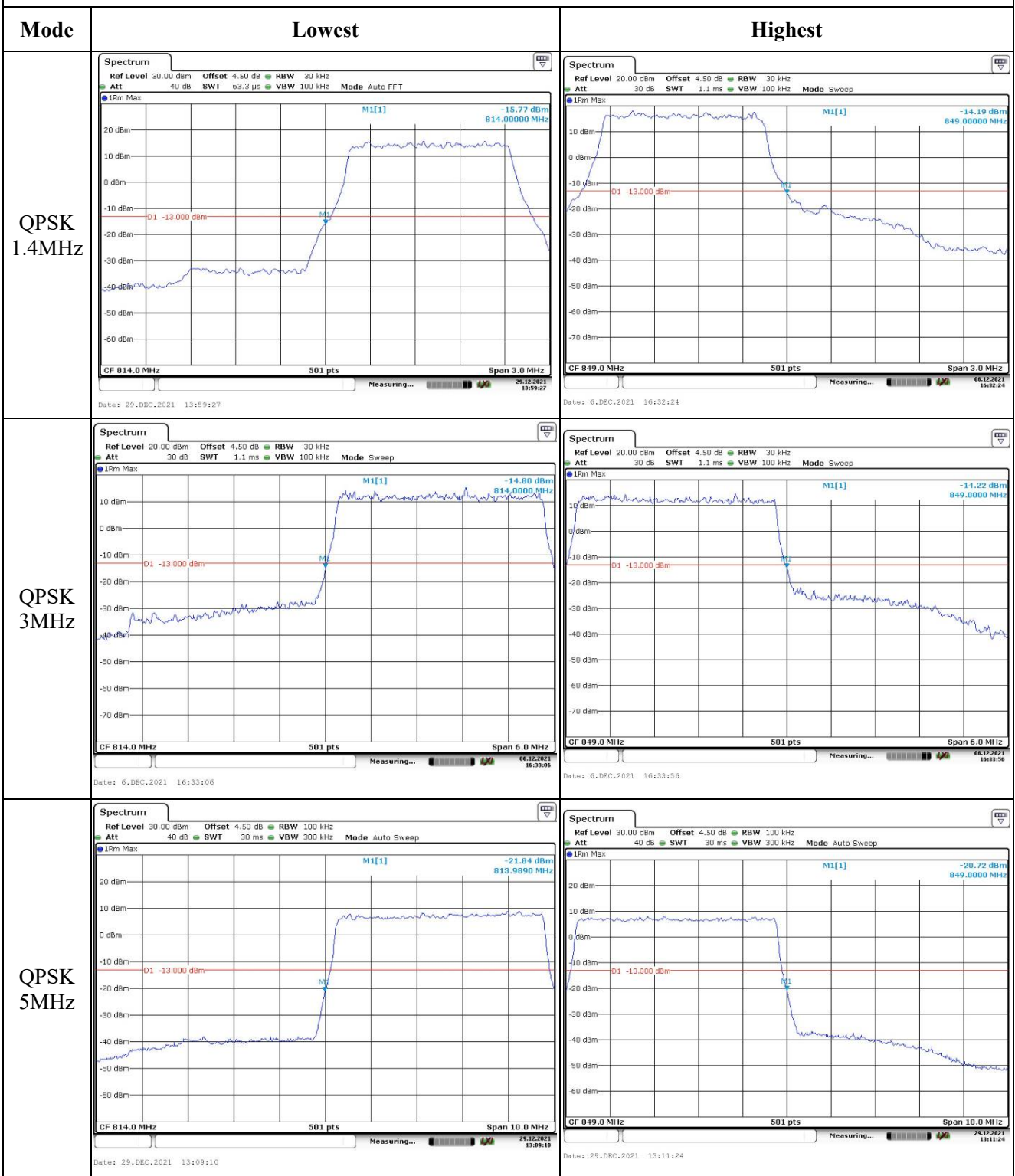
Middle



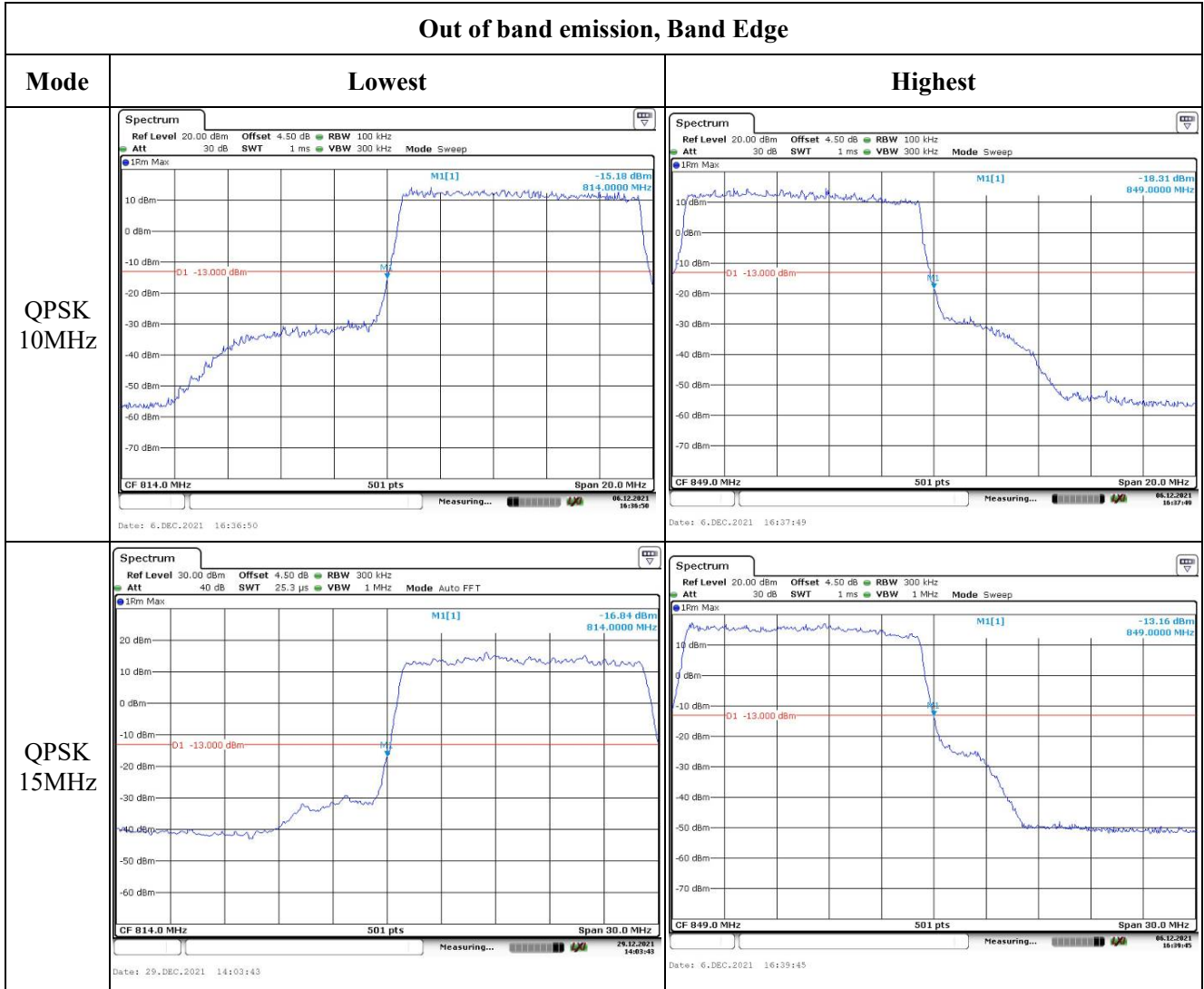
Highest



Out of band emission, Band Edge



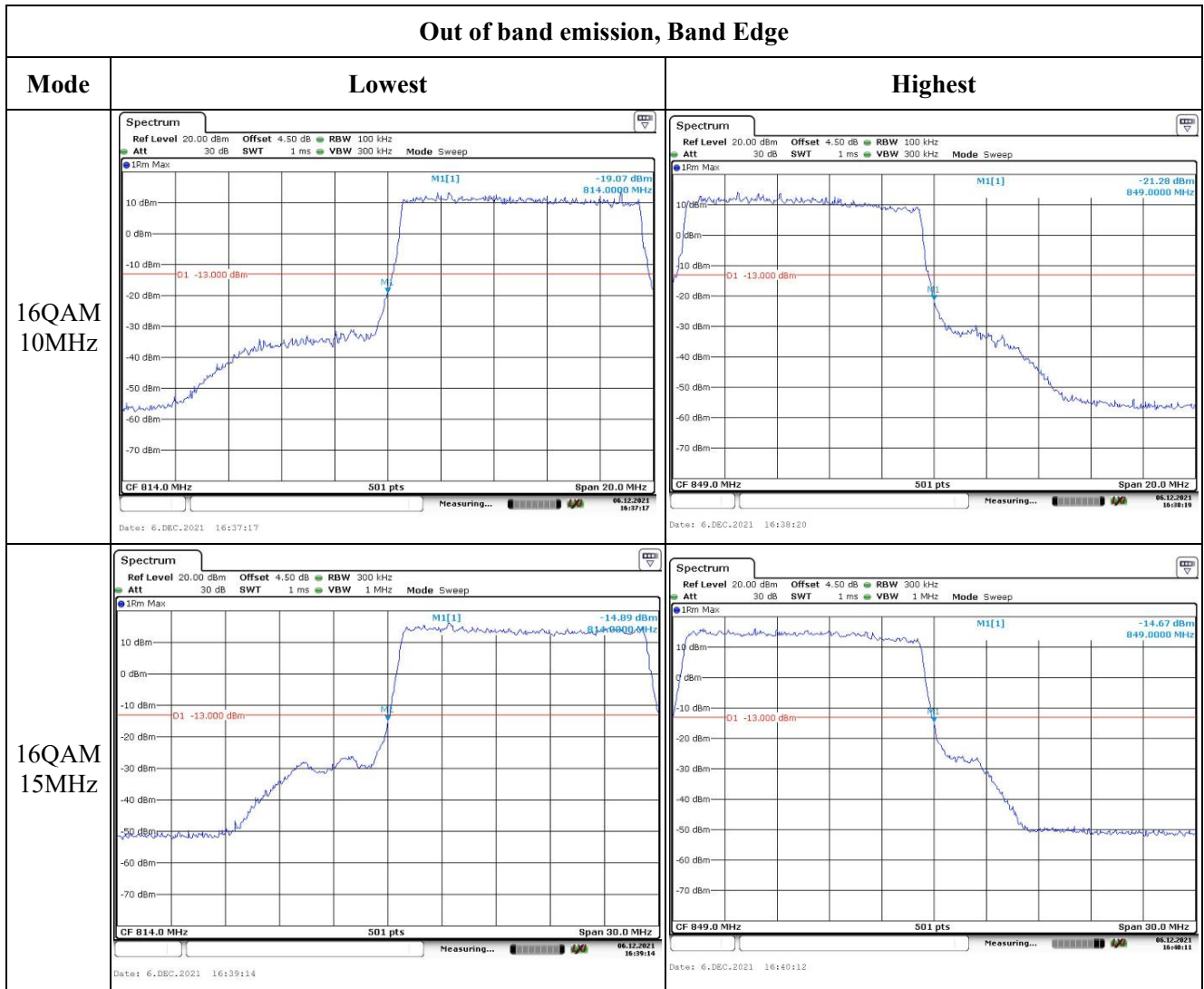
Out of band emission, Band Edge



Out of band emission, Band Edge

Mode	Lowest	Highest
16QAM 1.4MHz	<p>Spectrum Ref Level 20.00 dBm Offset 4.50 dB RBW 30 kHz Att 30 dB SWT 1.1 ms VBW 100 kHz Mode Sweep 1Rm Max M1[1] -15.87 dBm 814.0000 MHz D1 -13.000 dBm CF 814.0 MHz 501 pts Span 3.0 MHz Date: 6.DEC.2021 16:32:03</p>	<p>Spectrum Ref Level 30.00 dBm Offset 4.50 dB RBW 30 kHz Att 40 dB SWT 63.3 μs VBW 100 kHz Mode Auto FFT 1Rm Max M1[1] -24.76 dBm 849.00330 MHz D1 -13.000 dBm CF 849.0 MHz 501 pts Span 3.0 MHz Date: 29.DEC.2021 14:01:35</p>
16QAM 3MHz	<p>Spectrum Ref Level 20.00 dBm Offset 4.50 dB RBW 30 kHz Att 30 dB SWT 1.1 ms VBW 100 kHz Mode Sweep 1Rm Max M1[1] -16.36 dBm 814.0000 MHz D1 -13.000 dBm CF 814.0 MHz 501 pts Span 6.0 MHz Date: 6.DEC.2021 16:33:26</p>	<p>Spectrum Ref Level 20.00 dBm Offset 4.50 dB RBW 30 kHz Att 30 dB SWT 1.1 ms VBW 100 kHz Mode Sweep 1Rm Max M1[1] -15.87 dBm 849.0000 MHz D1 -13.000 dBm CF 849.0 MHz 501 pts Span 6.0 MHz Date: 6.DEC.2021 16:34:19</p>
16QAM 5MHz	<p>Spectrum Ref Level 30.00 dBm Offset 4.50 dB RBW 100 kHz Att 40 dB SWT 30 ms VBW 300 kHz Mode Auto Sweep 1Rm Max M1[1] -22.02 dBm 813.9890 MHz D1 -13.000 dBm CF 814.0 MHz 501 pts Span 10.0 MHz Date: 29.DEC.2021 13:10:13</p>	<p>Spectrum Ref Level 30.00 dBm Offset 4.50 dB RBW 100 kHz Att 40 dB SWT 30 ms VBW 300 kHz Mode Auto Sweep 1Rm Max M1[1] -22.03 dBm 849.0000 MHz D1 -13.000 dBm CF 849.0 MHz 501 pts Span 10.0 MHz Date: 29.DEC.2021 13:11:42</p>

Out of band emission, Band Edge



4.14 Antenna Port Test Data and Results for LTE Band 38:

Serial Number:	CR21110036-RF-S1	Test Date:	2021/12/06~2021/12/29
Test Site:	RF	Test Mode:	Transmitting
Tester:	LE Qiao	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	18.4~21.3	Relative Humidity: (%)	32~48	ATM Pressure: (kPa)	101.6~101.8
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	Spectrum Analyzer	101474	2021/7/22	2022/7/21
zhuoxiang	Coaxial Cable	SMA-178	211001	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554403	Each time	N/A
Weinschel	Coaxial Attenuators	53-20-34	LN751	Each time	N/A
R&S	Wideband Radio Communication Tester	CMW500	149218	2021/7/22	2022/7/21
BACL	TEMP&HUMI Test Chamber	BTH-150	30026	2021/7/22	2022/7/22
UNI-T	Multimeter	UT39A+	C210582554	2021/9/30	2022/9/30
E-Microwave	Two-way Splitter	ODP-1-6	OE0120176	Each Time	N/A

* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

EUT Information@LTE Band 38▲:

Antenna Gain (dBi):	1	Cable Loss (dB):	0
Operation Voltage(V _{DC}):			
Lowest:	3.5	Normal:	3.85
		Highest:	4.4

Test Frequency For Each Mode:

Operation Bandwidth	Lowest Frequency (MHz)	Middle Frequency (MHz)	Highest Frequency (MHz)
5MHz	2572.5	2595	2617.5
10MHz	2575	2595	2615
15MHz	2577.5	2595	2612.5
20MHz	2580	2595	2610

Test Data:

FCC§2.1046;§ 27.50(h)(2)						
RF Output Power:						
Test Bandwidth & Modulation	Resource Block & RB offset	Conducted Average Output Power(dBm)			Maximum EIRP (dBm)	EIRP Limit (dBm)
		Lowest Channel	Middle Channel	Highest Channel		
5MHz QPSK	RB1#0	22.18	22.10	22.09	23.46	33
	RB1#13	22.39	22.03	21.87		
	RB1#24	22.46	22.05	22.12		
	RB15#0	21.57	21.38	21.34		
	RB15#10	21.43	21.36	21.29		
	RB25#0	21.51	21.36	21.27		
5MHz 16QAM	RB1#0	21.84	21.09	21.21	22.84	33
	RB1#13	21.68	20.95	21.18		
	RB1#24	21.71	20.86	21.37		
	RB15#0	20.50	20.09	20.09		
	RB15#10	20.29	20.10	19.99		
	RB25#0	20.18	20.31	20.22		
10MHz QPSK	RB1#0	22.62	22.34	22.64	23.71	33
	RB1#25	22.56	22.50	22.71		
	RB1#49	22.38	22.28	22.64		
	RB25#0	21.64	21.46	21.39		
	RB25#25	21.50	21.44	21.24		
	RB50#0	21.49	21.44	21.25		
10MHz 16QAM	RB1#0	21.70	21.49	21.70	22.77	33
	RB1#25	21.55	21.33	21.77		
	RB1#49	21.09	21.32	21.26		
	RB25#0	20.69	20.31	20.42		
	RB25#25	20.60	20.31	20.26		
	RB50#0	20.40	20.31	20.24		
15MHz QPSK	RB1#0	22.40	22.70	22.29	23.7	33
	RB1#38	22.30	22.46	22.28		
	RB1#74	22.35	22.45	22.26		
	RB36#0	21.48	21.46	21.33		
	RB36#39	21.30	21.25	21.29		
	RB75#0	21.34	21.30	21.24		
15MHz 16QAM	RB1#0	21.19	21.92	21.68	22.92	33
	RB1#38	20.97	21.31	21.48		
	RB1#74	20.86	21.56	21.41		
	RB36#0	20.34	20.58	20.43		
	RB36#39	20.18	20.41	20.32		
	RB75#0	20.34	20.32	20.21		
20MHz QPSK	RB1#0	22.78	22.45	22.36	23.78	33

	RB1#50	22.56	22.53	22.31		
	RB1#99	22.28	22.26	22.60		
	RB50#0	21.56	21.53	21.38		
	RB50#50	21.36	21.34	21.31		
	RB100#0	21.58	21.40	21.37		
20MHz 16QAM	RB1#0	21.96	21.64	21.35	23.09	33
	RB1#50	22.09	21.68	21.35		
	RB1#99	21.70	21.34	21.39		
	RB50#0	20.55	20.64	20.45		
	RB50#50	20.41	20.59	20.36		
	RB100#0	20.48	20.48	20.29		
Note: EIRP=Conducted Power(dBm) - Cable loss(dB) + Antenna Gain(dBi)						
					Result:	Pass

Peak-to-average Ratio(PAR)					
Test Bandwidth & Modulation	Resource Block & RB offset	Peak-to-average Ratio(dB)			Limit (dB)
		Lowest Channel	Middle Channel	Highest Channel	
20MHz QPSK	RB1#0	5.07	5.22	5.16	13
	RB100#0	6.41	5.62	5.74	13
20MHz 16QAM	RB1#0	6.29	5.28	5.54	13
	RB100#0	6.38	5.22	6.06	13
Result:					Pass

FCC §2.1049, §27.53:Occupied Bandwidth						
Operation Mode	99% Occupied Bandwidth (MHz)			26 dB Occupied Bandwidth (MHz)		
	Low Channel	Middle channel	High Channel	Low Channel	Middle Channel	High Channel
5MHz QPSK	4.531	4.511	4.511	5.060	5.000	5.040
5MHz 16QAM	4.511	4.531	4.531	5.020	5.020	5.000
10MHz QPSK	8.942	8.942	8.942	9.760	9.720	9.800
10MHz 16QAM	8.942	8.942	8.942	9.600	9.720	9.600
15MHz QPSK	13.533	13.593	13.473	16.620	16.020	15.060
15MHz 16QAM	13.533	13.533	13.593	15.360	15.540	15.900
20MHz QPSK	17.884	17.964	17.964	20.080	19.440	20.240
20MHz 16QAM	17.964	17.964	17.964	19.680	19.840	21.200
Note: The test plots please refer to the Plots of Occupied Bandwidth						

FCC §2.1051, § 27.53:Spurious Emissions at Antenna Terminal

Result:	Pass, Please refer to the test plots of Spurious Emissions at Antenna Terminal.
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FCC §2.1051, § 27.53:Out of band emission, Band Edge

Result:	Pass, Please refer to the test plots of Out of band emission, Band Edge.
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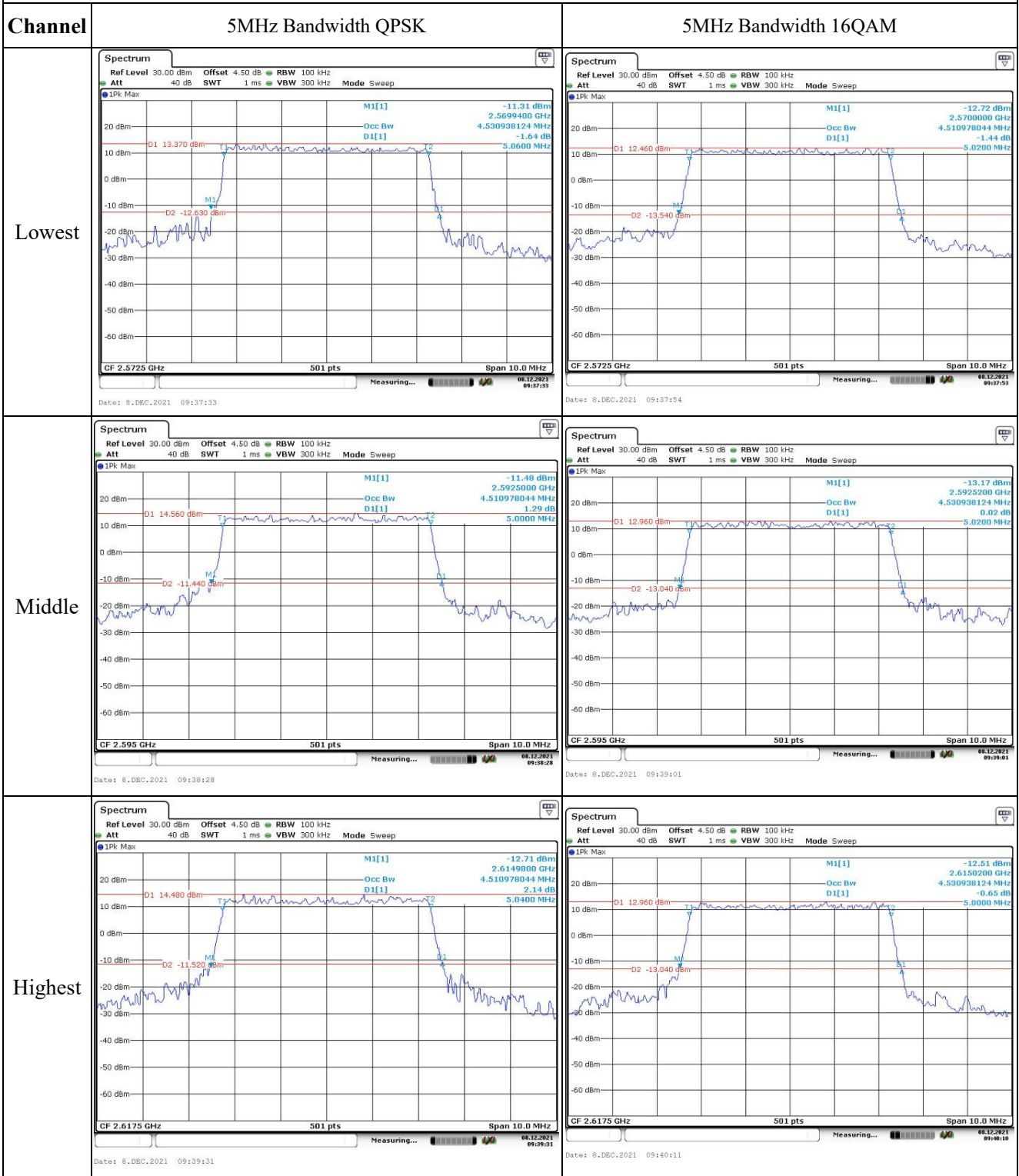
FCC §2.1055, §27.54: Frequency Stability

Test Mode:	20M QPSK	Test Channel: Lowest for Lower Edge,Highest for Upper Edge				
Test Item	Temperature (°C)	Voltage (V _{DC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
Frequency Stability vs. Temperature	-30	3.85	2570.529	2570.00	2619.471	2620
	-20	3.85	2570.528	2570.00	2619.472	2620
	-10	3.85	2570.526	2570.00	2619.473	2620
	0	3.85	2570.525	2570.00	2619.474	2620
	10	3.85	2570.524	2570.00	2619.475	2620
	20	3.85	2570.529	2570.00	2619.471	2620
	30	3.85	2570.528	2570.00	2619.476	2620
	40	3.85	2570.525	2570.00	2619.477	2620
Frequency Stability vs. Voltage	50	3.85	2570.523	2570.00	2619.479	2620
	20	3.5	2570.522	2570.00	2619.478	2620
	20	4.4	2570.529	2570.00	2619.471	2620
Result:					Pass	

Test Mode:	20M 16QAM	Test Channel: Lowest for Lower Edge,Highest for Upper Edge				
Test Item	Temperature (°C)	Voltage (V _{DC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
Frequency Stability vs. Temperature	-30	3.85	2570.529	2570.00	2619.472	2620
	-20	3.85	2570.528	2570.00	2619.471	2620
	-10	3.85	2570.529	2570.00	2619.473	2620
	0	3.85	2570.520	2570.00	2619.471	2620
	10	3.85	2570.522	2570.00	2619.474	2620
	20	3.85	2570.529	2570.00	2619.471	2620
	30	3.85	2570.523	2570.00	2619.475	2620
	40	3.85	2570.525	2570.00	2619.476	2620
Frequency Stability vs. Voltage	50	3.85	2570.526	2570.00	2619.477	2620
	20	3.5	2570.524	2570.00	2619.478	2620
	20	4.4	2570.529	2570.00	2619.471	2620
Result:					Pass	

Test Plots:

Occupied Bandwidth



Occupied Bandwidth

Channel	10MHz Bandwidth QPSK	10MHz Bandwidth 16QAM
Lowest		
Middle		
Highest		

Occupied Bandwidth

Channel	15MHz Bandwidth QPSK	15MHz Bandwidth 16QAM
Lowest		
Middle		
Highest		

Occupied Bandwidth

Channel	20MHz Bandwidth QPSK	20MHz Bandwidth 16QAM
Lowest		
Middle		
Highest		

Spurious Emissions at Antenna Terminal

Channel	5MHz Bandwidth QPSK	
Lowest	<p>Spectrum Ref Level 0.00 dBm Offset 4.50 dB RBW 100 kHz Att 30 dB SWT 9.7 ms VBW 300 kHz Mode Sweep 1Pk Max M1[1] -52.87 dBm 828.70 MHz -25.000 dBm Start 30.0 MHz 501 pts Stop 1.0 GHz Date: 8.DEC.2021 13:09:52</p>	<p>Spectrum Ref Level 30.00 dBm Offset 4.50 dB RBW 1 MHz Att 40 dB SWT 102 ms VBW 3 MHz Mode Sweep 1Pk Max M1[1] -27.14 dBm 19.7560 GHz -25.000 dBm Start 1.0 GHz 501 pts Stop 26.5 GHz Date: 8.DEC.2021 13:10:20</p>
Middle	<p>Spectrum Ref Level 0.00 dBm Offset 4.50 dB RBW 100 kHz Att 30 dB SWT 9.7 ms VBW 300 kHz Mode Sweep 1Pk Max M1[1] -53.46 dBm 714.40 MHz -25.000 dBm Start 30.0 MHz 501 pts Stop 1.0 GHz Date: 8.DEC.2021 13:10:46</p>	<p>Spectrum Ref Level 30.00 dBm Offset 4.50 dB RBW 1 MHz Att 40 dB SWT 102 ms VBW 3 MHz Mode Sweep 1Pk Max M1[1] -27.92 dBm 17.7200 GHz -25.000 dBm Start 1.0 GHz 501 pts Stop 26.5 GHz Date: 8.DEC.2021 13:11:08</p>
Highest	<p>Spectrum Ref Level 0.00 dBm Offset 4.50 dB RBW 100 kHz Att 30 dB SWT 9.7 ms VBW 300 kHz Mode Sweep 1Pk Max M1[1] -53.25 dBm 939.00 MHz -25.000 dBm Start 30.0 MHz 501 pts Stop 1.0 GHz Date: 8.DEC.2021 13:11:41</p>	<p>Spectrum Ref Level 30.00 dBm Offset 4.50 dB RBW 1 MHz Att 40 dB SWT 102 ms VBW 3 MHz Mode Sweep 1Pk Max M1[1] -26.89 dBm 16.3970 GHz -25.000 dBm Start 1.0 GHz 501 pts Stop 26.5 GHz Date: 8.DEC.2021 13:12:09</p>

Spurious Emissions at Antenna Terminal

Channel	10MHz Bandwidth QPSK	
Lowest	<p>Spectrum Ref Level 0.00 dBm Offset 4.50 dB RBW 100 kHz Att 30 dB SWT 9.7 ms VBW 300 kHz Mode Sweep 1Pk Max M1[1] -53.28 dBm 836.40 MHz -25.000 dBm Start 30.0 MHz 501 pts Stop 1.0 GHz Date: 8.DEC.2021 13:13:07</p>	<p>Spectrum Ref Level 30.00 dBm Offset 4.50 dB RBW 1 MHz Att 40 dB SWT 102 ms VBW 3 MHz Mode Sweep 1Pk Max M1[1] -27.68 dBm 19.9090 GHz -25.000 dBm Start 1.0 GHz 501 pts Stop 26.5 GHz Date: 8.DEC.2021 13:13:32</p>
Middle	<p>Spectrum Ref Level 0.00 dBm Offset 4.50 dB RBW 100 kHz Att 30 dB SWT 9.7 ms VBW 300 kHz Mode Sweep 1Pk Max M1[1] -53.46 dBm 840.30 MHz -25.000 dBm Start 30.0 MHz 501 pts Stop 1.0 GHz Date: 8.DEC.2021 13:13:59</p>	<p>Spectrum Ref Level 30.00 dBm Offset 4.50 dB RBW 1 MHz Att 40 dB SWT 102 ms VBW 3 MHz Mode Sweep 1Pk Max M1[1] -27.45 dBm 17.7200 GHz -25.000 dBm Start 1.0 GHz 501 pts Stop 26.5 GHz Date: 8.DEC.2021 13:14:24</p>
Highest	<p>Spectrum Ref Level 0.00 dBm Offset 4.50 dB RBW 100 kHz Att 30 dB SWT 9.7 ms VBW 300 kHz Mode Sweep 1Pk Max M1[1] -52.97 dBm 875.10 MHz -25.000 dBm Start 30.0 MHz 501 pts Stop 1.0 GHz Date: 8.DEC.2021 13:14:55</p>	<p>Spectrum Ref Level 30.00 dBm Offset 4.50 dB RBW 1 MHz Att 40 dB SWT 102 ms VBW 3 MHz Mode Sweep 1Pk Max M1[1] -26.75 dBm 17.7200 GHz -25.000 dBm Start 1.0 GHz 501 pts Stop 26.5 GHz Date: 8.DEC.2021 13:15:17</p>

Spurious Emissions at Antenna Terminal

Channel	15MHz Bandwidth QPSK	
Lowest	<p>Spectrum Ref Level 0.00 dBm Offset 4.50 dB RBW 100 kHz Att 30 dB SWT 9.7 ms VBW 300 kHz Mode Sweep 1Pk Max M1[1] -52.74 dBm 975.80 MHz -10 dBm -20 dBm -30 dBm D1 -25.000 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm -90 dBm Start 30.0 MHz 501 pts Stop 1.0 GHz Measuring... 08.12.2021 13:16:18 Date: 8.DEC.2021 13:16:18</p>	<p>Spectrum Ref Level 30.00 dBm Offset 4.50 dB RBW 1 MHz Att 40 dB SWT 102 ms VBW 3 MHz Mode Sweep 1Pk Max M1[1] -27.84 dBm 19.9090 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm D1 -25.000 dBm -40 dBm -50 dBm -60 dBm Start 1.0 GHz 501 pts Stop 26.5 GHz Measuring... 08.12.2021 13:16:41 Date: 8.DEC.2021 13:16:41</p>
Middle	<p>Spectrum Ref Level 0.00 dBm Offset 4.50 dB RBW 100 kHz Att 30 dB SWT 9.7 ms VBW 300 kHz Mode Sweep 1Pk Max M1[1] -53.13 dBm 913.80 MHz -10 dBm -20 dBm -30 dBm D1 -25.000 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm -90 dBm Start 30.0 MHz 501 pts Stop 1.0 GHz Measuring... 08.12.2021 13:17:20 Date: 8.DEC.2021 13:17:20</p>	<p>Spectrum Ref Level 30.00 dBm Offset 4.50 dB RBW 1 MHz Att 40 dB SWT 102 ms VBW 3 MHz Mode Sweep 1Pk Max M1[1] -27.16 dBm 18.9820 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm D1 -25.000 dBm -40 dBm -50 dBm -60 dBm Start 1.0 GHz 501 pts Stop 26.5 GHz Measuring... 08.12.2021 13:17:45 Date: 8.DEC.2021 13:17:45</p>
Highest	<p>Spectrum Ref Level 0.00 dBm Offset 4.50 dB RBW 100 kHz Att 30 dB SWT 9.7 ms VBW 300 kHz Mode Sweep 1Pk Max M1[1] -53.06 dBm 780.20 MHz -10 dBm -20 dBm -30 dBm D1 -25.000 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm -90 dBm Start 30.0 MHz 501 pts Stop 1.0 GHz Measuring... 08.12.2021 13:18:18 Date: 8.DEC.2021 13:18:18</p>	<p>Spectrum Ref Level 30.00 dBm Offset 4.50 dB RBW 1 MHz Att 40 dB SWT 102 ms VBW 3 MHz Mode Sweep 1Pk Max M1[1] -27.45 dBm 19.7050 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm D1 -25.000 dBm -40 dBm -50 dBm -60 dBm Start 1.0 GHz 501 pts Stop 26.5 GHz Measuring... 08.12.2021 13:18:40 Date: 8.DEC.2021 13:18:40</p>

Spurious Emissions at Antenna Terminal

Channel	20MHz Bandwidth QPSK	
Lowest	<p> Spectrum Ref Level 0.00 dBm Offset 4.50 dB RBW 100 kHz Att 30 dB SWT 9.7 ms VBW 300 kHz Mode Sweep 1Pk Max M1[1] -59.35 dBm 964.20 MHz -25.000 dBm Start 30.0 MHz 501 pts Stop 1.0 GHz Date: 8.DEC.2021 13:19:43 </p>	<p> Spectrum Ref Level 30.00 dBm Offset 4.50 dB RBW 1 MHz Att 40 dB SWT 102 ms VBW 3 MHz Mode Sweep 1Pk Max M1[1] -27.62 dBm 6.9810 GHz -25.000 dBm Start 1.0 GHz 501 pts Stop 26.5 GHz Date: 8.DEC.2021 13:20:08 </p>
Middle	<p> Spectrum Ref Level 0.00 dBm Offset 4.50 dB RBW 100 kHz Att 30 dB SWT 9.7 ms VBW 300 kHz Mode Sweep 1Pk Max M1[1] -52.58 dBm 917.70 MHz -25.000 dBm Start 30.0 MHz 501 pts Stop 1.0 GHz Date: 8.DEC.2021 13:20:44 </p>	<p> Spectrum Ref Level 30.00 dBm Offset 4.50 dB RBW 1 MHz Att 40 dB SWT 102 ms VBW 3 MHz Mode Sweep 1Pk Max M1[1] -27.53 dBm 6.9300 GHz -25.000 dBm Start 1.0 GHz 501 pts Stop 26.5 GHz Date: 8.DEC.2021 13:21:06 </p>
Highest	<p> Spectrum Ref Level 0.00 dBm Offset 4.50 dB RBW 100 kHz Att 30 dB SWT 9.7 ms VBW 300 kHz Mode Sweep 1Pk Max M1[1] -53.07 dBm 871.20 MHz -25.000 dBm Start 30.0 MHz 501 pts Stop 1.0 GHz Date: 8.DEC.2021 13:21:36 </p>	<p> Spectrum Ref Level 30.00 dBm Offset 4.50 dB RBW 1 MHz Att 40 dB SWT 102 ms VBW 3 MHz Mode Sweep 1Pk Max M1[1] -27.39 dBm 17.7200 GHz -25.000 dBm Start 1.0 GHz 501 pts Stop 26.5 GHz Date: 8.DEC.2021 13:21:55 </p>