

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

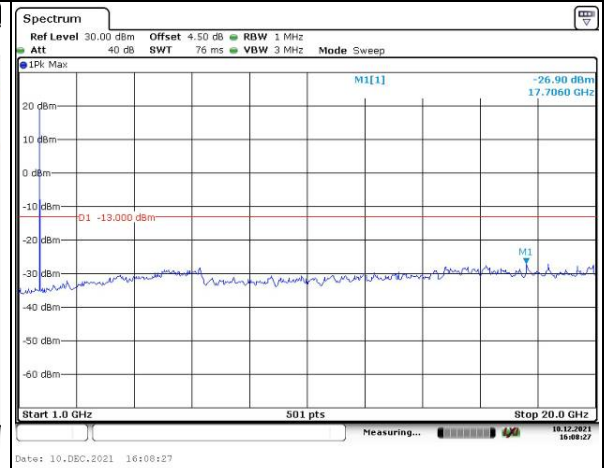
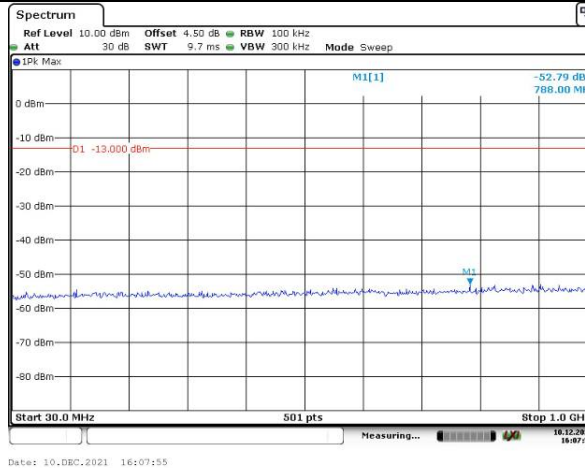
Channel	20MHz Bandwidth QPSK	20MHz Bandwidth 16QAM
Lowest	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 300 kHz Att 40 dB SWT 1 ms VBW 1 MHz Mode Sweep 1Pk Max M1[1] -16.43 dBm Occ Bw 18.043912176 MHz D1[1] -0.03 dB 19.7600 MHz CF 1.72 GHz 501 pts Span 40.0 MHz Date: 10.DEC.2021 14:30:48</p>	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 300 kHz Att 40 dB SWT 1 ms VBW 1 MHz Mode Sweep 1Pk Max M1[1] -17.10 dBm Occ Bw 18.043912176 MHz D1[1] 0.12 dB 19.7600 MHz CF 1.72 GHz 501 pts Span 40.0 MHz Date: 10.DEC.2021 14:31:21</p>
Middle	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 300 kHz Att 40 dB SWT 1 ms VBW 1 MHz Mode Sweep 1Pk Max M1[1] -15.84 dBm Occ Bw 17.964071856 MHz D1[1] 0.20 dB 19.5200 MHz CF 1.7325 GHz 501 pts Span 40.0 MHz Date: 10.DEC.2021 14:31:56</p>	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 300 kHz Att 40 dB SWT 1 ms VBW 1 MHz Mode Sweep 1Pk Max M1[1] -17.56 dBm Occ Bw 18.043912176 MHz D1[1] -0.50 dB 19.7600 MHz CF 1.7325 GHz 501 pts Span 40.0 MHz Date: 10.DEC.2021 14:32:20</p>
Highest	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 300 kHz Att 40 dB SWT 1 ms VBW 1 MHz Mode Sweep 1Pk Max M1[1] -16.53 dBm Occ Bw 17.952400 MHz D1[1] 0.24 dB 19.6800 MHz CF 1.745 GHz 501 pts Span 40.0 MHz Date: 10.DEC.2021 14:32:54</p>	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 300 kHz Att 40 dB SWT 1 ms VBW 1 MHz Mode Sweep 1Pk Max M1[1] -18.26 dBm Occ Bw 18.043912176 MHz D1[1] -0.02 dB 19.8400 MHz CF 1.745 GHz 501 pts Span 40.0 MHz Date: 10.DEC.2021 14:33:28</p>

### Spurious Emissions at Antenna Terminal

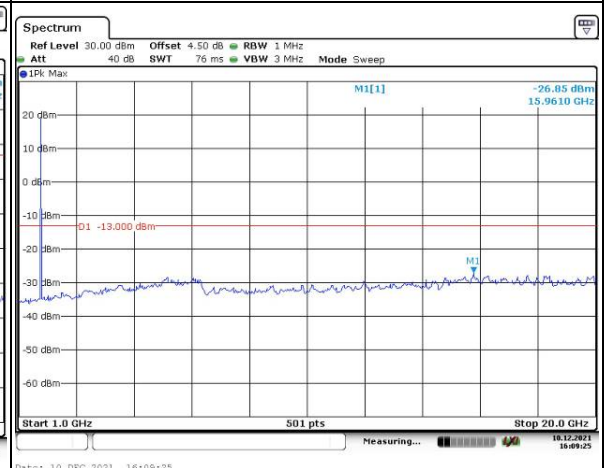
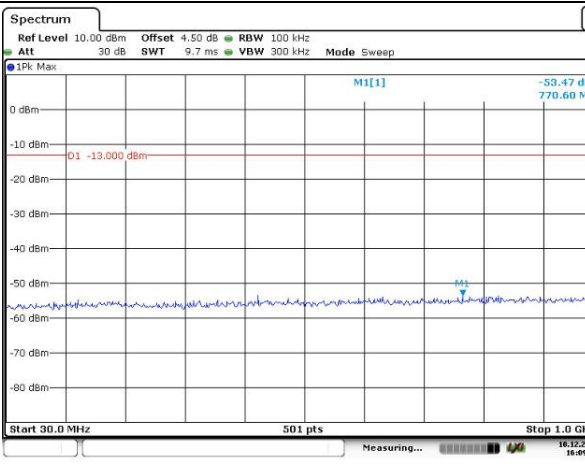
Channel

1.4MHz Bandwidth QPSK

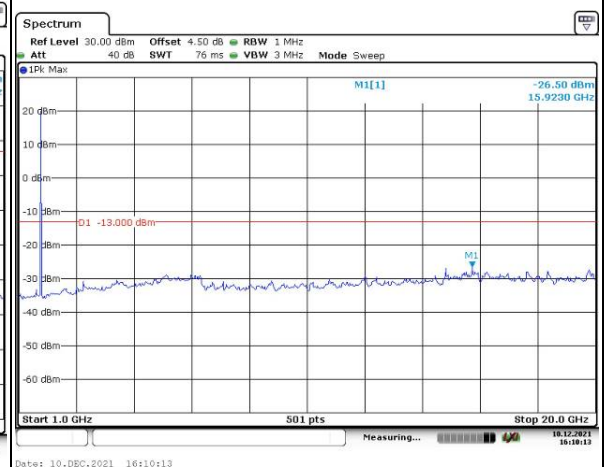
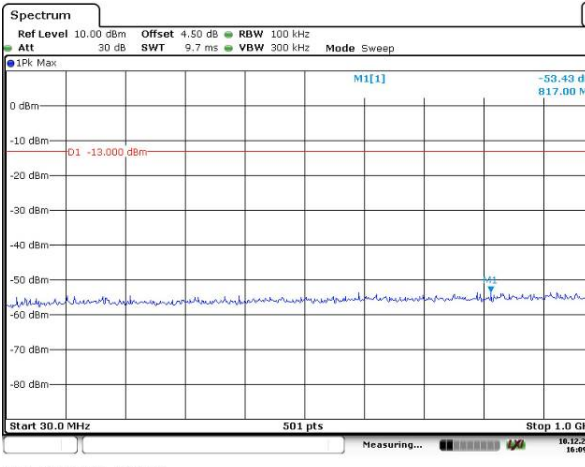
Lowest



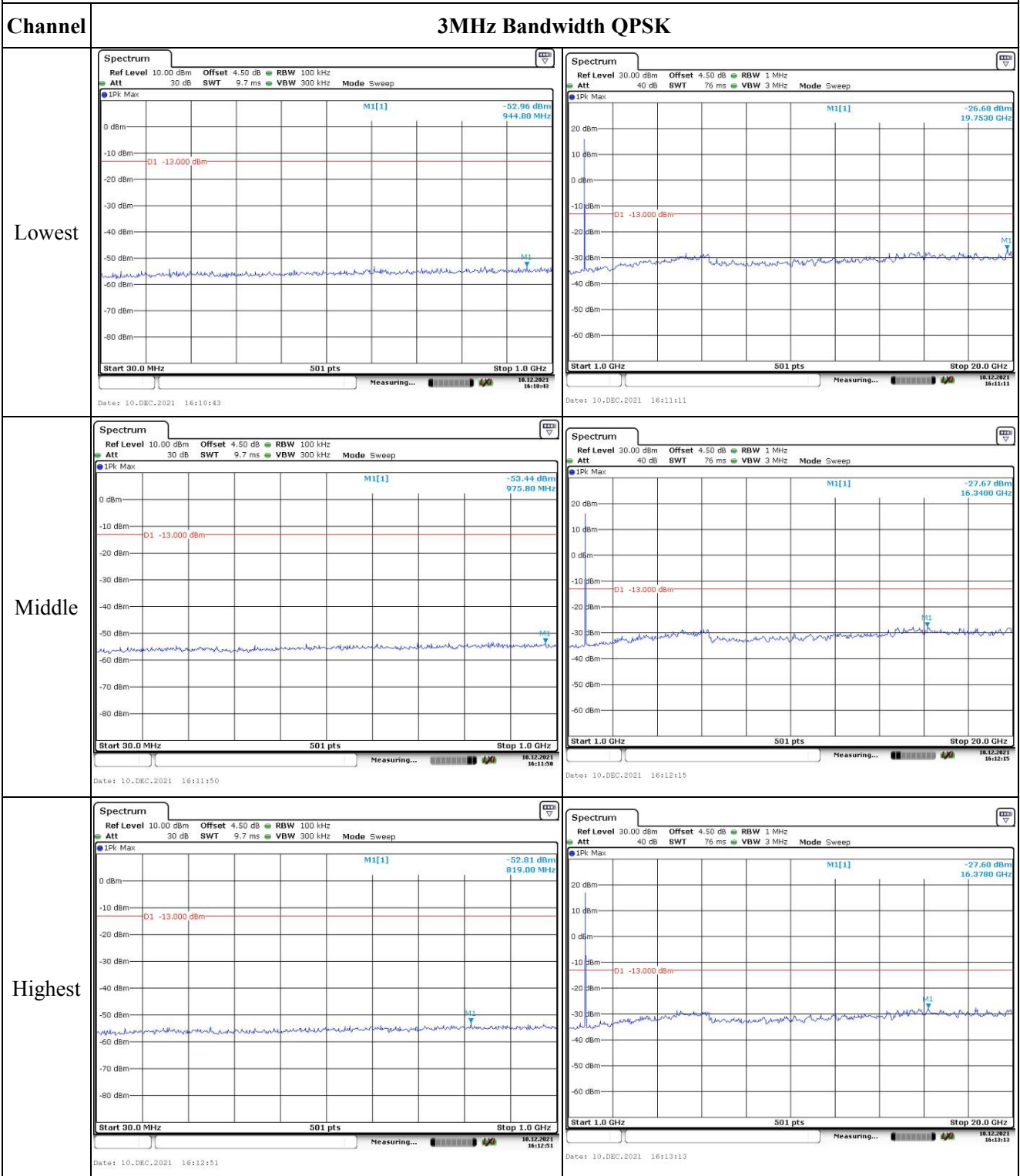
Middle



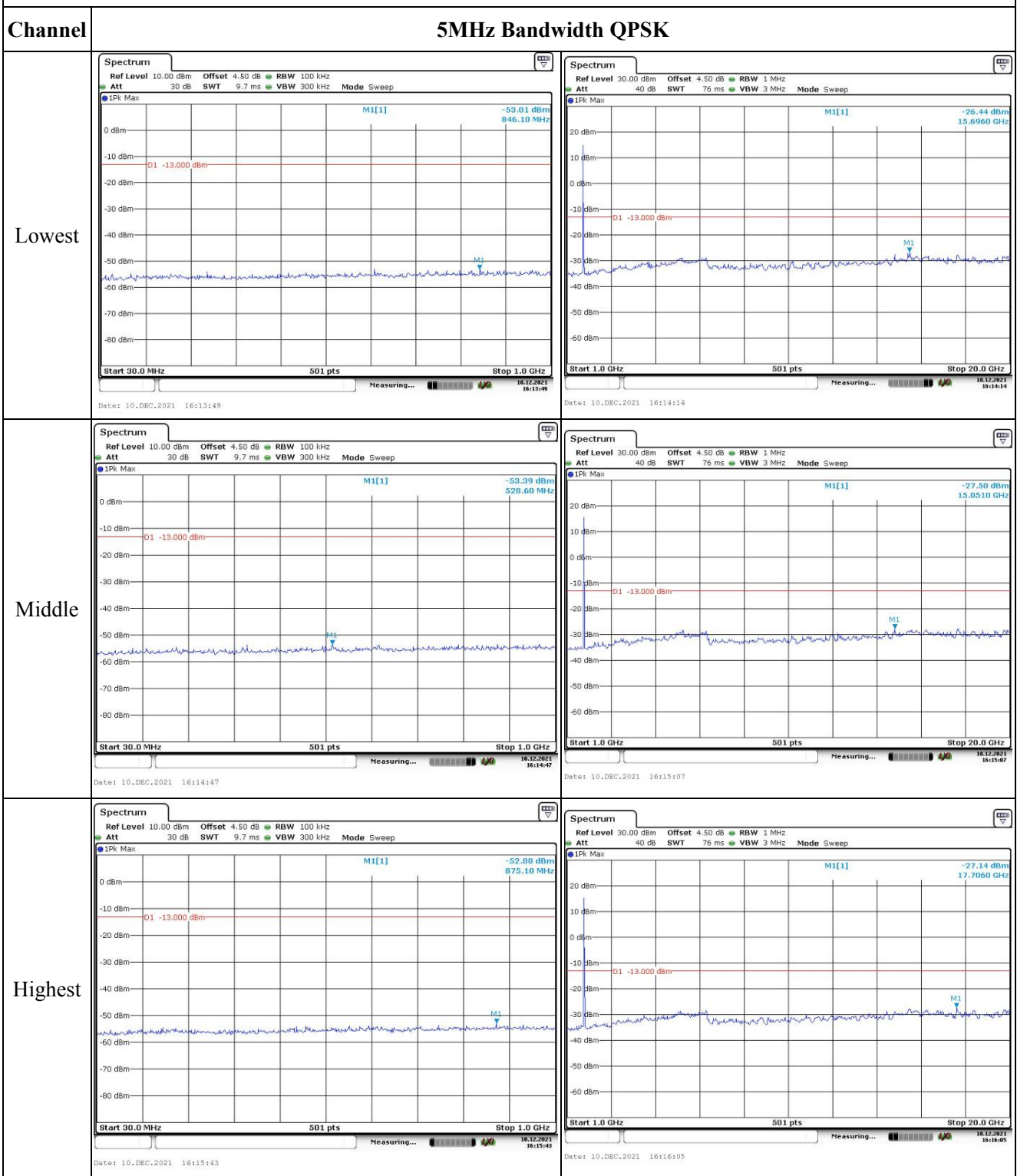
Highest



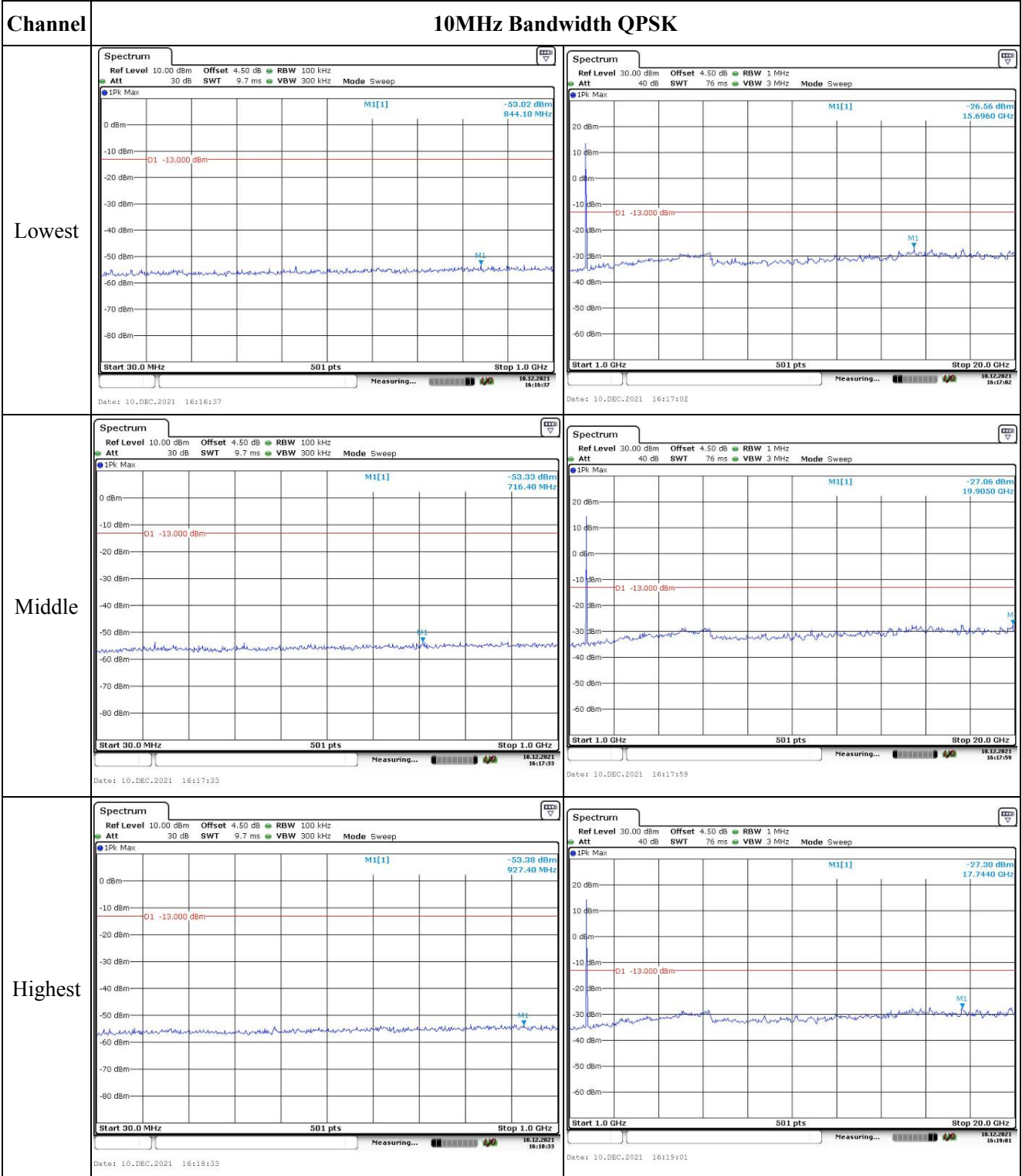
### Spurious Emissions at Antenna Terminal



### Spurious Emissions at Antenna Terminal



### Spurious Emissions at Antenna Terminal

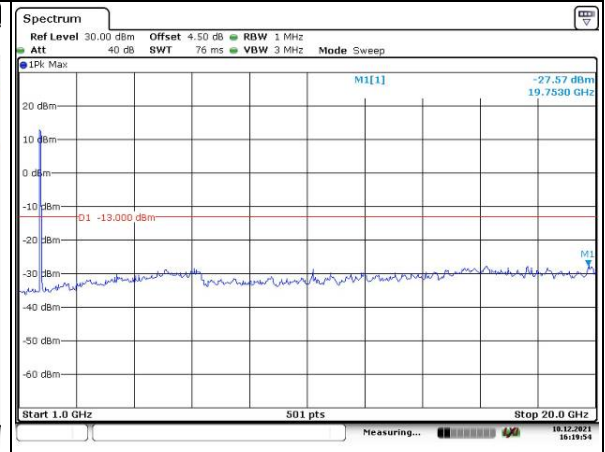
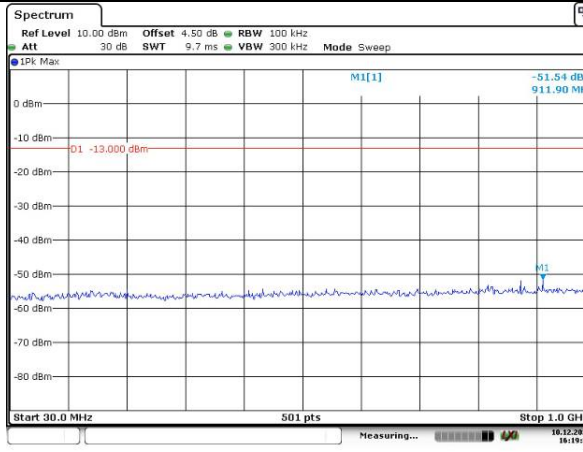


### Spurious Emissions at Antenna Terminal

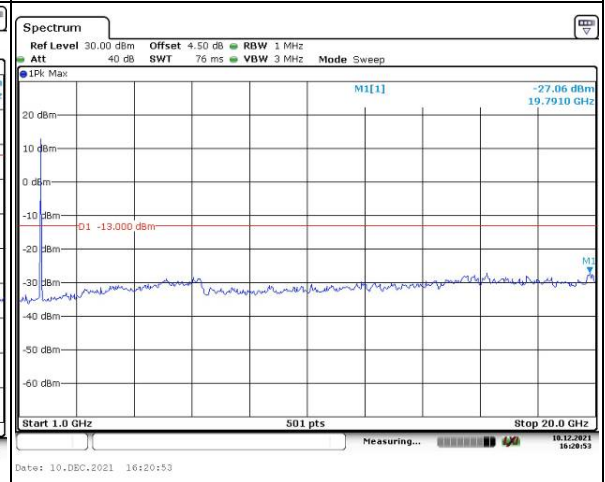
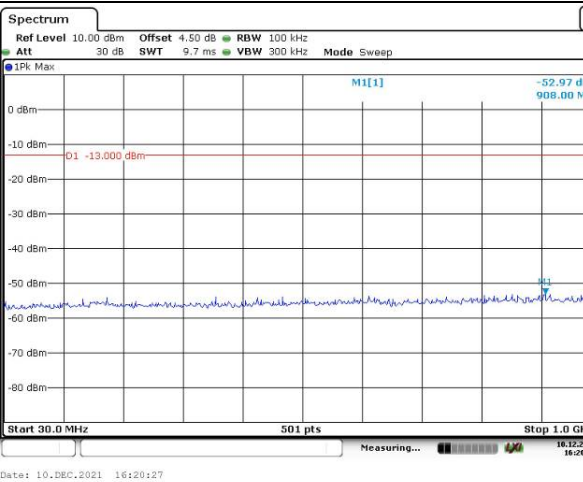
Channel

15MHz Bandwidth QPSK

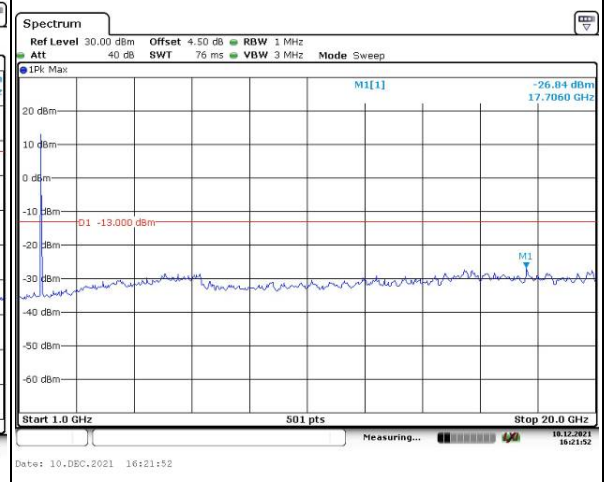
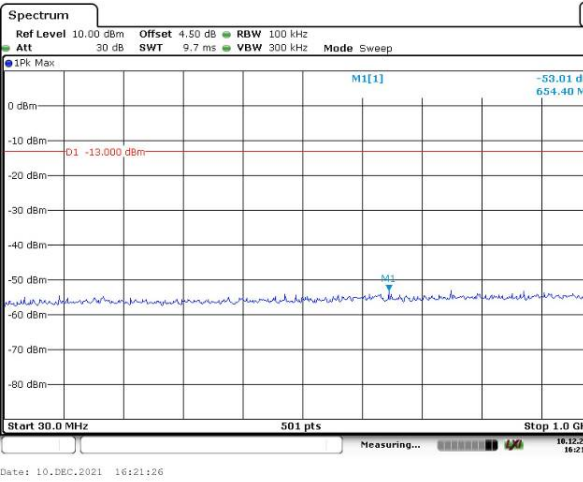
Lowest



Middle



Highest



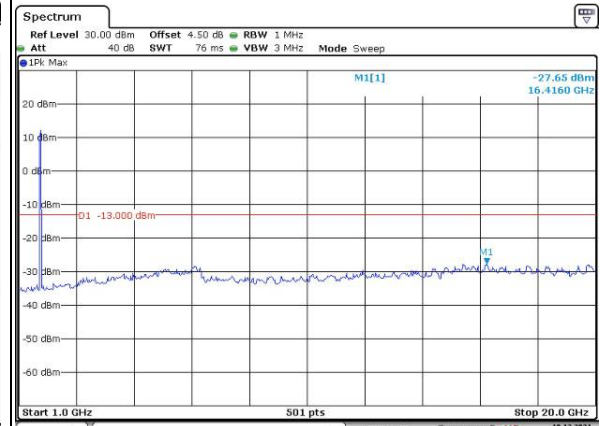
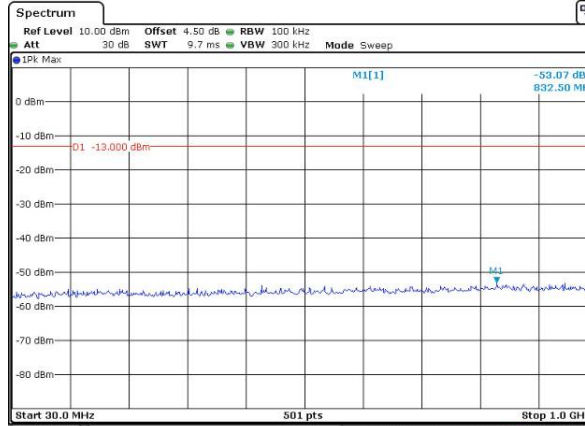


Spurious Emissions at Antenna Terminal

Channel

20MHz Bandwidth QPSK

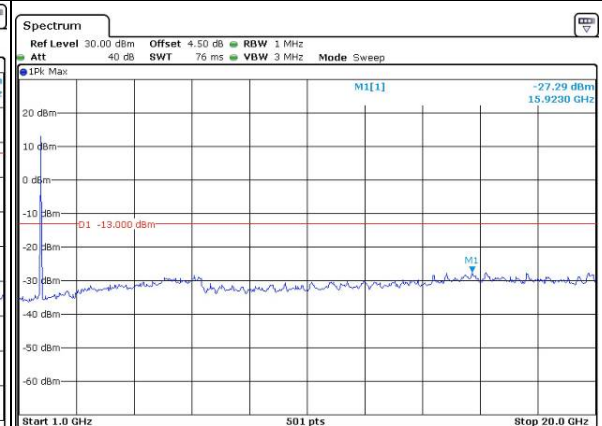
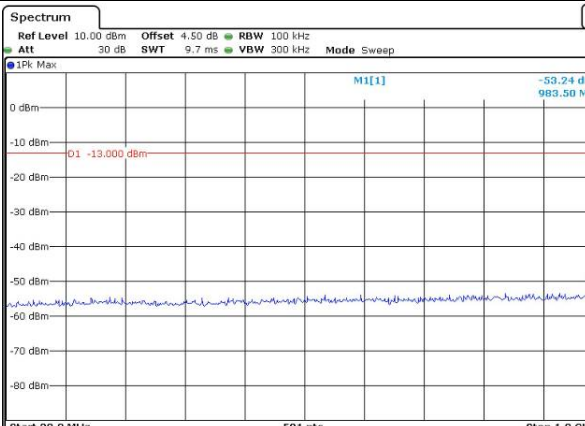
Lowest



Date: 10.DEC.2021 16:25:16

Date: 10.DEC.2021 16:25:42

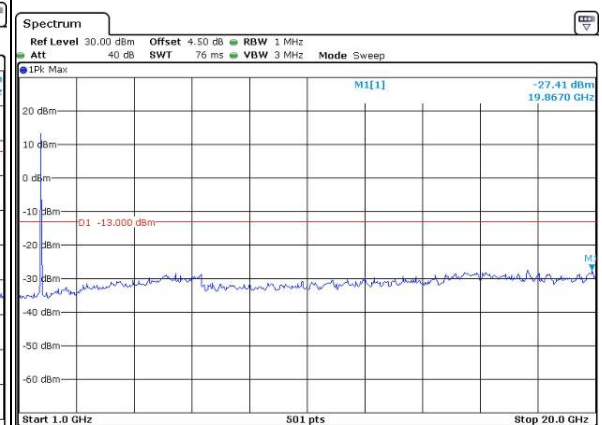
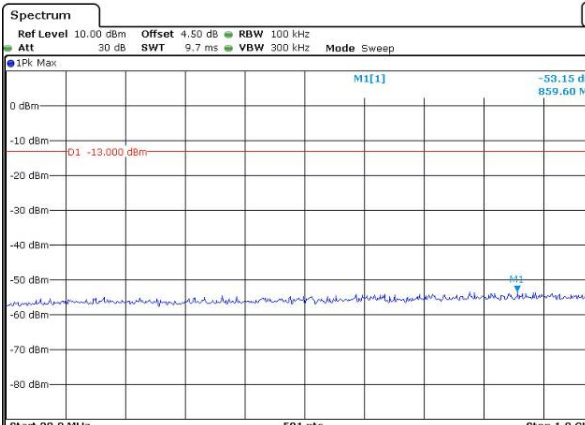
Middle



Date: 10.DEC.2021 16:26:21

Date: 10.DEC.2021 16:26:49

Highest



Date: 10.DEC.2021 16:27:19

Date: 10.DEC.2021 16:27:44

Out of band emission, Band Edge

Mode	Lowest	Highest
QPSK 1.4MHz	<p>Spectrum Ref Level 30.00 dBm Offset 4.50 dB RBW 30 kHz Att 40 dB SWT 1.1 ms VBW 100 kHz Mode Sweep 15m Max M1[1] -20.99 dBm 1.70996410 GHz D1 -13.000 dBm CF 1.71 GHz 501 pts Span 3.0 MHz Date: 14.DEC.2021 17:30:32</p>	<p>Spectrum Ref Level 30.00 dBm Offset 4.50 dB RBW 30 kHz Att 40 dB SWT 1.1 ms VBW 100 kHz Mode Sweep 15m Max M1[1] -19.32 dBm 1.75500600 GHz D1 -13.000 dBm CF 1.755 GHz 501 pts Span 3.0 MHz Date: 14.DEC.2021 17:31:50</p>
QPSK 3MHz	<p>Spectrum Ref Level 30.00 dBm Offset 4.50 dB RBW 30 kHz Att 40 dB SWT 1.1 ms VBW 100 kHz Mode Sweep 15m Max M1[1] -18.98 dBm 1.71000000 GHz D1 -13.000 dBm CF 1.71 GHz 501 pts Span 6.0 MHz Date: 14.DEC.2021 17:32:19</p>	<p>Spectrum Ref Level 30.00 dBm Offset 4.50 dB RBW 30 kHz Att 40 dB SWT 1.1 ms VBW 100 kHz Mode Sweep 15m Max M1[1] -17.28 dBm 1.75500000 GHz D1 -13.000 dBm CF 1.755 GHz 501 pts Span 6.0 MHz Date: 14.DEC.2021 17:33:13</p>
QPSK 5MHz	<p>Spectrum Ref Level 30.00 dBm Offset 4.50 dB RBW 100 kHz Att 40 dB SWT 1 ms VBW 300 kHz Mode Sweep 15m Max M1[1] -19.04 dBm 1.71000000 GHz D1 -13.000 dBm CF 1.71 GHz 501 pts Span 10.0 MHz Date: 14.DEC.2021 17:34:03</p>	<p>Spectrum Ref Level 30.00 dBm Offset 4.50 dB RBW 100 kHz Att 40 dB SWT 1 ms VBW 300 kHz Mode Sweep 15m Max M1[1] -14.84 dBm 1.75500000 GHz D1 -13.000 dBm CF 1.755 GHz 501 pts Span 10.0 MHz Date: 14.DEC.2021 17:35:06</p>

Out of band emission, Band Edge

Mode	Lowest	Highest
QPSK 10MHz	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 100 kHz Att 40 dB SWT 1 ms VBW 300 kHz Mode Sweep M1[1] -28.85 dBm 1.7100000 GHz D1 -13.000 dBm CF 1.71 GHz 501 pts Span 20.0 MHz Date: 14.DEC.2021 19:04:11</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 M1[1] -21.56 dBm 1.7550000 GHz D1 -13.000 dBm CF 1.755 GHz 501 pts Span 20.0 MHz Date: 14.DEC.2021 19:05:13</p>
QPSK 15MHz	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 300 kHz Att 40 dB SWT 1 ms VBW 1 MHz Mode Sweep M1[1] -20.38 dBm 1.7100000 GHz D1 -13.000 dBm CF 1.71 GHz 501 pts Span 30.0 MHz Date: 14.DEC.2021 19:06:24</p>	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 300 kHz Att 40 dB SWT 1 ms VBW 1 MHz Mode Sweep M1[1] -15.20 dBm 1.7550000 GHz D1 -13.000 dBm CF 1.755 GHz 501 pts Span 30.0 MHz Date: 14.DEC.2021 19:07:33</p>
QPSK 20MHz	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 300 kHz Att 40 dB SWT 1 ms VBW 1 MHz Mode Sweep M1[1] -27.45 dBm 1.7100000 GHz D1 -13.000 dBm CF 1.71 GHz 501 pts Span 40.0 MHz Date: 14.DEC.2021 19:09:54</p>	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 300 kHz Att 40 dB SWT 1 ms VBW 1 MHz Mode Sweep M1[1] -19.87 dBm 1.7550000 GHz D1 -13.000 dBm CF 1.755 GHz 501 pts Span 40.0 MHz Date: 14.DEC.2021 19:10:57</p>

Out of band emission, Band Edge

Mode	Lowest	Highest
16QAM 1.4MHz	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 30 kHz Att 40 dB SWT 1.1 ms VBW 100 kHz Mode Sweep MI[1] -20.64 dBm 1.70989820 GHz D1 -13.000 dBm CF 1.71 GHz 501 pts Span 3.0 MHz Date: 14.DEC.2021 17:31:02</p>	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 30 kHz Att 40 dB SWT 1.1 ms VBW 100 kHz Mode Sweep MI[1] -19.32 dBm 1.75500600 GHz D1 -13.000 dBm CF 1.755 GHz 501 pts Span 3.0 MHz Date: 14.DEC.2021 17:31:50</p>
16QAM 3MHz	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 30 kHz Att 40 dB SWT 1.1 ms VBW 100 kHz Mode Sweep MI[1] -18.77 dBm 1.71000000 GHz D1 -13.000 dBm CF 1.71 GHz 501 pts Span 6.0 MHz Date: 14.DEC.2021 17:32:49</p>	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 30 kHz Att 40 dB SWT 1.1 ms VBW 100 kHz Mode Sweep MI[1] -19.49 dBm 1.75500000 GHz D1 -13.000 dBm CF 1.755 GHz 501 pts Span 6.0 MHz Date: 14.DEC.2021 17:33:33</p>
16QAM 5MHz	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 100 kHz Att 40 dB SWT 1 ms VBW 300 kHz Mode Sweep MI[1] -19.73 dBm 1.71000000 GHz D1 -13.000 dBm CF 1.71 GHz 501 pts Span 10.0 MHz Date: 14.DEC.2021 17:34:35</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 MI[1] -19.85 dBm 1.75500000 GHz D1 -13.000 dBm CF 1.755 GHz 501 pts Span 10.0 MHz Date: 14.DEC.2021 17:35:35</p>

Out of band emission, Band Edge

Mode	Lowest	Highest
16QAM 10MHz	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 100 kHz Att 40 dB SWT 1 ms VBW 300 kHz Mode Sweep M1[1] -27.19 dBm 1.7100000 GHz D1 -13.000 dBm CF 1.71 GHz 501 pts Span 20.0 MHz Date: 14.DEC.2021 19:04:45</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 M1[1] -22.83 dBm 1.7550000 GHz D1 -13.000 dBm CF 1.755 GHz 501 pts Span 20.0 MHz Date: 14.DEC.2021 19:05:44</p>
16QAM 15MHz	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 300 kHz Att 40 dB SWT 1 ms VBW 1 MHz Mode Sweep M1[1] -21.51 dBm 1.7100000 GHz D1 -13.000 dBm CF 1.71 GHz 501 pts Span 30.0 MHz Date: 14.DEC.2021 19:06:50</p>	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 300 kHz Att 40 dB SWT 1 ms VBW 1 MHz Mode Sweep M1[1] -15.79 dBm 1.7550000 GHz D1 -13.000 dBm CF 1.755 GHz 501 pts Span 30.0 MHz Date: 14.DEC.2021 19:08:03</p>
16QAM 20MHz	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 300 kHz Att 40 dB SWT 1 ms VBW 1 MHz Mode Sweep M1[1] -25.36 dBm 1.7100000 GHz D1 -13.000 dBm CF 1.71 GHz 501 pts Span 40.0 MHz Date: 14.DEC.2021 19:10:27</p>	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 300 kHz Att 40 dB SWT 1 ms VBW 1 MHz Mode Sweep M1[1] -18.74 dBm 1.7550000 GHz D1 -13.000 dBm CF 1.755 GHz 501 pts Span 40.0 MHz Date: 14.DEC.2021 19:11:24</p>

**4.8 Antenna Port Test Data and Results for LTE Band 5**

Serial Number:	CR21110023-RF-S1	Test Date:	2021-11-29~2022-01-06
Test Site:	RF	Test Mode:	Transmitting
Tester:	Wolf Mo	Test Result:	Pass

**Environmental Conditions:**

Temperature: (°C)	22.1~25.9	Relative Humidity: (%)	60~66	ATM Pressure: (kPa)	101.2~101.4
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**Test Equipment List and Details:**

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	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 5▲:**

Antenna Gain (dBi):	-0.13	Antenna Gain (dBd):	-2.28	Cable Loss (dB):	0
Operation Voltage(V <sub>DC</sub> ):					
Lowest:	3.5	Normal:	3.7	Highest:	4.2

**Test Frequency For Each Mode:**

Operation Bandwidth	Lowest Frequency (MHz)	Middle Frequency (MHz)	Highest Frequency (MHz)
1.4MHz	824.7	836.5	848.3
3MHz	825.5	836.5	847.5
5MHz	826.5	836.5	846.5
10MHz	829	836.5	844

**Test Data:**

<b>FCC§2.1046;§ 22.913 (a)</b>						
<b>RF Output Power:</b>						
Test Bandwidth & Modulation	Resource Block & RB offset	Conducted Average Output Power(dBm)			Maximum ERP (dBm)	ERP Limit (dBm)
		Lowest Channel	Middle Channel	Highest Channel		
1.4MHz QPSK	RB1#0	20.80	20.71	20.72	18.62	38.45
	RB1#3	20.79	20.86	20.72		
	RB1#5	20.81	20.90	20.71		
	RB3#0	20.88	20.89	20.79		
	RB3#3	20.84	20.83	20.78		
	RB6#0	19.72	19.65	19.89		
1.4MHz 16QAM	RB1#0	20.11	19.23	19.36	17.92	38.45
	RB1#3	20.14	19.33	19.55		
	RB1#5	20.20	19.40	19.62		
	RB3#0	19.72	19.88	19.78		
	RB3#3	19.86	19.83	20.03		
	RB6#0	19.50	19.17	19.26		
3MHz QPSK	RB1#0	20.66	20.65	20.77	18.55	38.45
	RB1#8	20.71	20.79	20.74		
	RB1#14	20.83	20.81	20.83		
	RB6#0	19.61	19.80	19.64		
	RB6#9	19.80	19.72	19.77		
	RB15#0	19.65	19.72	19.60		
3MHz 16QAM	RB1#0	20.01	20.26	19.30	18.15	38.45
	RB1#8	19.99	20.40	19.28		
	RB1#14	19.96	20.43	19.39		
	RB6#0	19.15	19.19	19.01		
	RB6#9	19.16	19.04	19.13		
	RB15#0	19.20	18.82	18.82		
5MHz QPSK	RB1#0	20.75	20.72	20.58	18.6	38.45
	RB1#13	20.85	20.88	20.59		
	RB1#24	20.76	20.83	20.65		
	RB15#0	19.72	19.67	19.62		
	RB15#10	19.68	19.69	19.76		
	RB25#0	19.68	19.66	19.65		
5MHz 16QAM	RB1#0	18.73	19.71	19.37	17.72	38.45
	RB1#13	18.81	19.87	19.21		
	RB1#24	18.77	20.00	19.51		
	RB15#0	19.34	19.14	18.81		
	RB15#10	19.32	18.74	18.92		
	RB25#0	19.34	18.95	18.70		

10MHz QPSK	RB1#0	20.62	20.76	20.72	18.73	38.45
	RB1#25	20.61	21.01	20.73		
	RB1#49	20.79	20.83	20.73		
	RB25#0	19.66	19.73	19.72		
	RB25#25	19.89	19.82	19.69		
	RB50#0	19.63	19.68	19.86		
10MHz 16QAM	RB1#0	19.72	19.95	19.24	17.67	38.45
	RB1#25	19.74	19.90	19.32		
	RB1#49	19.86	19.80	19.28		
	RB25#0	19.20	19.36	18.92		
	RB25#25	19.02	18.94	19.00		
	RB50#0	19.15	19.04	18.87		

Note: ERP=Conducted Power(dBm) - Cable loss(dB) + Antenna Gain(dBd)

**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	
10MHz QPSK	RB1#0	5.74	5.42	5.94	13
	RB50#0	5.71	5.36	5.86	13
10MHz 16QAM	RB1#0	6.81	6.23	6.84	13
	RB50#0	6.75	6.32	6.64	13
<b>Result:</b>					<b>Pass</b>

### FCC §2.1049, §22.905: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
1.4MHz QPSK	1.096	1.102	1.102	1.260	1.254	1.254
1.4MHz 16QAM	1.108	1.102	1.108	1.260	1.260	1.266
3MHz QPSK	2.695	2.707	2.695	3.000	3.012	3.012
3MHz 16QAM	2.695	2.695	2.695	3.012	3.012	3.024
5MHz QPSK	4.531	4.511	4.511	5.000	5.020	5.000
5MHz 16QAM	4.511	4.531	4.551	5.000	5.000	5.040
10MHz QPSK	8.981	8.942	9.022	9.760	9.760	9.880
10MHz 16QAM	8.942	8.942	9.022	9.680	9.720	9.880

Note: The test plots please refer to the Plots of Occupied Bandwidth



<b>FCC §2.1051, §22.917(a):Spurious Emissions at Antenna Terminal</b>	
<b>Result:</b>	<b>Pass, Please refer to the test plots of Spurious Emissions at Antenna Terminal.</b>

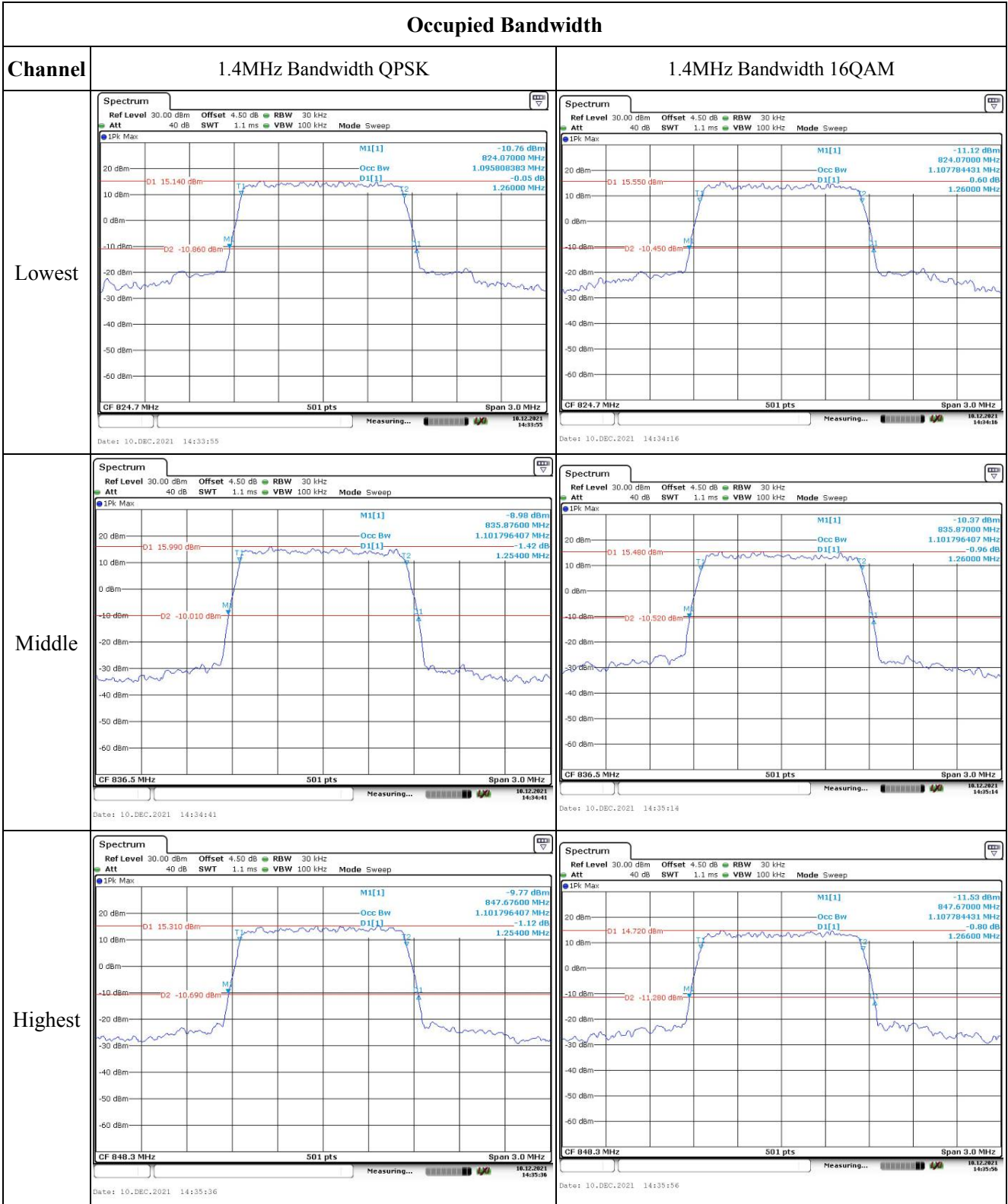
<b>FCC §2.1051, §22.917(a):Out of band emission, Band Edge</b>	
<b>Result:</b>	<b>Pass, Please refer to the test plots of Out of band emission, Band Edge.</b>

<b>FCC §2.1055, §22.355: Frequency Stability</b>					
Test Mode:	10 MHz QPSK		Test Channel:	836.5	MHz
Test Item	Temperature (°C)	Voltage (V <sub>DC</sub> )	Frequency Error		Limit
			(Hz)	(ppm)	(ppm)
Frequency Stability vs. Temperature	-30	3.7	18.22	0.022	2.5
	-20	3.7	9.94	0.012	2.5
	-10	3.7	6.79	0.008	2.5
	0	3.7	-6.28	-0.008	2.5
	10	3.7	6.23	0.007	2.5
	20	3.7	-6.74	-0.008	2.5
	30	3.7	6.39	0.008	2.5
	40	3.7	8.51	0.010	2.5
	50	3.7	6.63	0.008	2.5
Frequency Stability vs. Voltage	20	3.5	-7.19	-0.009	2.5
	20	4.2	8.77	0.010	2.5
<b>Result:</b>				<b>Pass</b>	

Test Mode:	10 MHz 16QAM		Test Channel:	836.5	MHz
Test Item	Temperature (°C)	Voltage (V <sub>DC</sub> )	Frequency Error		Limit
			(Hz)	(ppm)	(ppm)
Frequency Stability vs. Temperature	-30	3.7	-12.00	-0.014	2.5
	-20	3.7	-8.42	-0.010	2.5
	-10	3.7	-6.21	-0.007	2.5
	0	3.7	-5.84	-0.007	2.5
	10	3.7	8.68	0.010	2.5
	20	3.7	-8.10	-0.010	2.5
	30	3.7	-8.66	-0.010	2.5
	40	3.7	5.69	0.007	2.5
	50	3.7	-8.03	-0.010	2.5
Frequency Stability vs. Voltage	20	3.5	8.92	0.011	2.5
	20	4.2	5.45	0.007	2.5
<b>Result:</b>				<b>Pass</b>	

Test Plots:

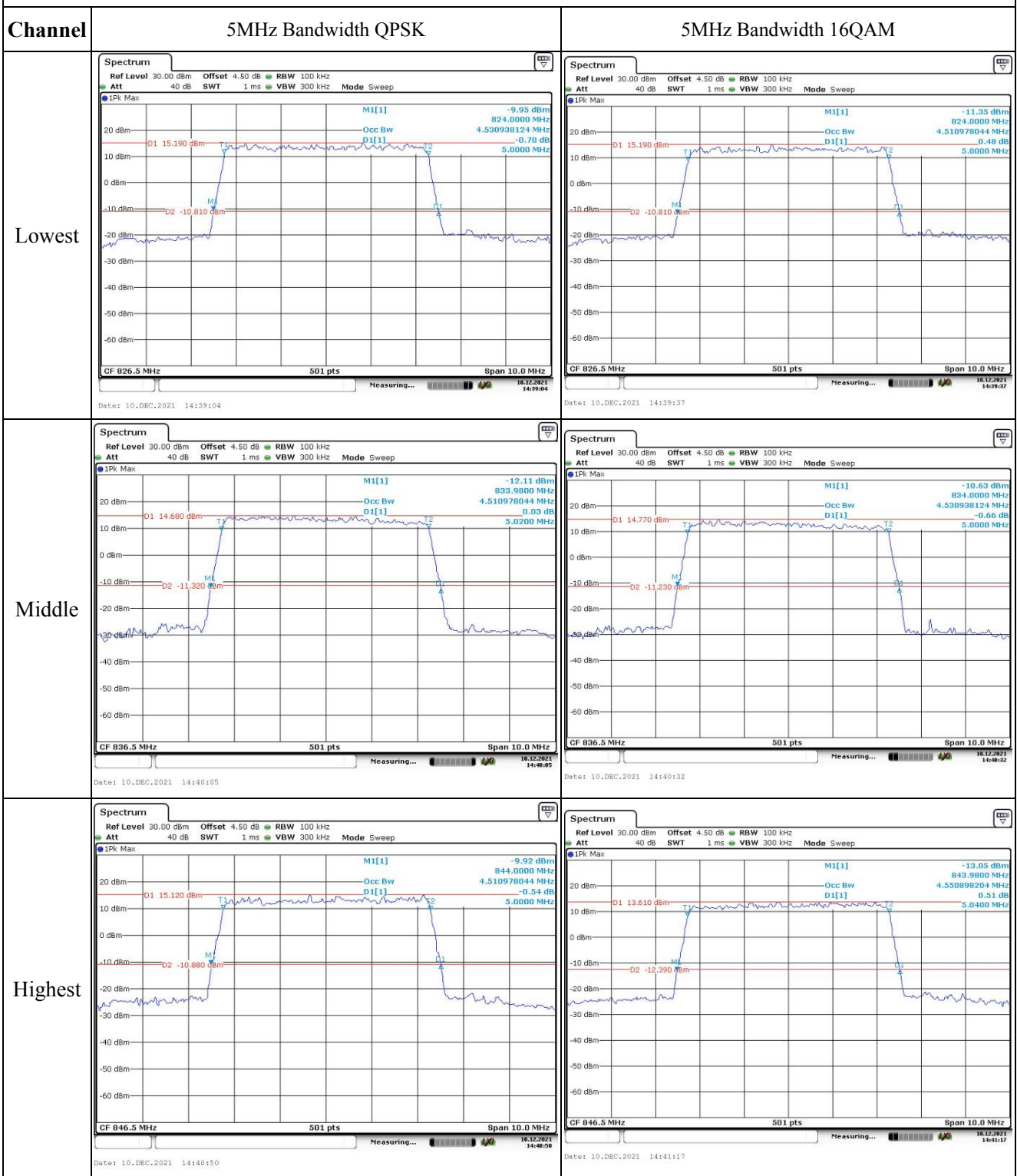
Occupied Bandwidth



Occupied Bandwidth

Channel	3MHz Bandwidth QPSK	3MHz Bandwidth 16QAM
Lowest	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 30 kHz Att 40 dB SWT 1.1 ms VBW 100 kHz Mode Sweep</p> <p>M1[1] -13.04 dBm 824.0000 MHz Occ Bw 3.0000 MHz D1[1] 0.10 dB 2.694610778 MHz</p> <p>D1 13.330 dBm D2 -12.670 dBm</p> <p>CF 825.5 MHz 501 pts Span 6.0 MHz Date: 10.DEC.2021 14:36:30</p>	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 30 kHz Att 40 dB SWT 1.1 ms VBW 100 kHz Mode Sweep</p> <p>M1[1] -13.41 dBm 823.9880 MHz Occ Bw 3.0120 MHz D1[1] 0.39 dB 2.694610778 MHz</p> <p>D1 11.810 dBm D2 -14.190 dBm</p> <p>CF 825.5 MHz 501 pts Span 6.0 MHz Date: 10.DEC.2021 14:36:54</p>
Middle	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 30 kHz Att 40 dB SWT 1.1 ms VBW 100 kHz Mode Sweep</p> <p>M1[1] -12.86 dBm 835.0000 MHz Occ Bw 3.0120 MHz D1[1] -1.12 dB 2.706586826 MHz</p> <p>D1 12.500 dBm D2 -13.500 dBm</p> <p>CF 836.5 MHz 501 pts Span 6.0 MHz Date: 10.DEC.2021 14:37:18</p>	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 30 kHz Att 40 dB SWT 1.1 ms VBW 100 kHz Mode Sweep</p> <p>M1[1] -14.68 dBm 834.9880 MHz Occ Bw 3.0120 MHz D1[1] 0.82 dB 2.694610778 MHz</p> <p>D1 11.640 dBm D2 -14.360 dBm</p> <p>CF 836.5 MHz 501 pts Span 6.0 MHz Date: 10.DEC.2021 14:37:42</p>
Highest	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 30 kHz Att 40 dB SWT 1.1 ms VBW 100 kHz Mode Sweep</p> <p>M1[1] -14.25 dBm 846.0000 MHz Occ Bw 3.0120 MHz D1[1] 0.64 dB 2.694610778 MHz</p> <p>D1 12.090 dBm D2 -13.910 dBm</p> <p>CF 847.5 MHz 501 pts Span 6.0 MHz Date: 10.DEC.2021 14:38:07</p>	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 30 kHz Att 40 dB SWT 1.1 ms VBW 100 kHz Mode Sweep</p> <p>M1[1] -14.16 dBm 845.9880 MHz Occ Bw 3.0240 MHz D1[1] 0.85 dB 2.694610778 MHz</p> <p>D1 12.200 dBm D2 -13.800 dBm</p> <p>CF 847.5 MHz 501 pts Span 6.0 MHz Date: 10.DEC.2021 14:38:30</p>

Occupied Bandwidth



Occupied Bandwidth

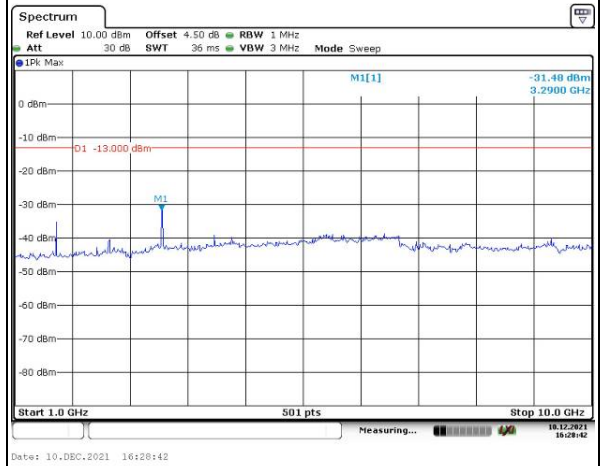
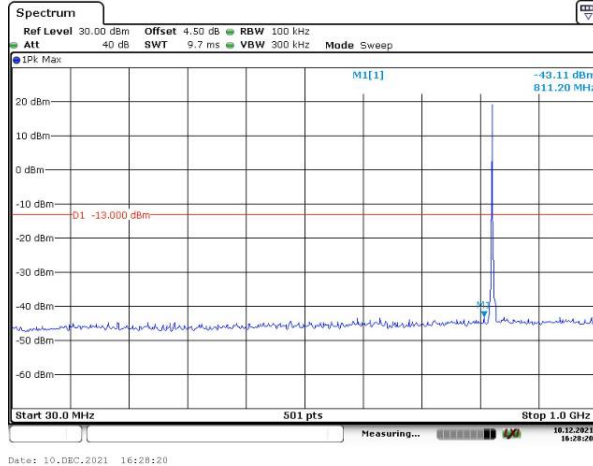
Channel	10MHz Bandwidth QPSK	10MHz Bandwidth 16QAM
Lowest	<p>Ref Level 30.00 dBm Offset 4.50 dB RBW 100 kHz Att 40 dB SWT 1 ms VBW 300 kHz Mode Sweep 1Pk Max M1[1] -12.77 dBm Occ Bw 8.982035929 MHz D1[1] 8.22 dB D1 13.930 dBm D2 -12.070 dBm CF 829.0 MHz 501 pts Span 20.0 MHz Date: 10.DEC.2021 14:41:55</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] -11.04 dBm Occ Bw 8.942115768 MHz D1[1] -0.87 dB D1 14.720 dBm D2 -11.380 dBm CF 829.0 MHz 501 pts Span 20.0 MHz Date: 10.DEC.2021 14:42:23</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] -13.13 dBm Occ Bw 8.942115768 MHz D1[1] -1.47 dB D1 12.140 dBm D2 -13.860 dBm CF 836.5 MHz 501 pts Span 20.0 MHz Date: 10.DEC.2021 14:42:49</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] -12.83 dBm Occ Bw 8.942115768 MHz D1[1] -1.53 dB D1 12.590 dBm D2 -13.410 dBm CF 836.5 MHz 501 pts Span 20.0 MHz Date: 10.DEC.2021 14:43:26</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] -13.39 dBm Occ Bw 9.021956088 MHz D1[1] -0.52 dB D1 12.240 dBm D2 -13.760 dBm CF 844.0 MHz 501 pts Span 20.0 MHz Date: 10.DEC.2021 14:43:55</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] -13.16 dBm Occ Bw 9.021956088 MHz D1[1] -1.26 dB D1 11.640 dBm D2 -14.360 dBm CF 844.0 MHz 501 pts Span 20.0 MHz Date: 10.DEC.2021 14:44:26</p>

Spurious Emissions at Antenna Terminal

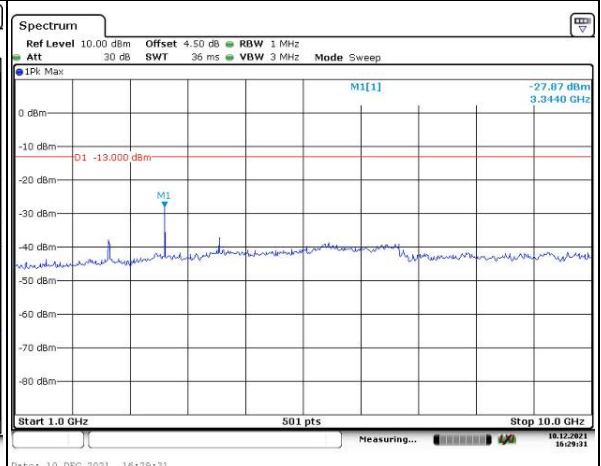
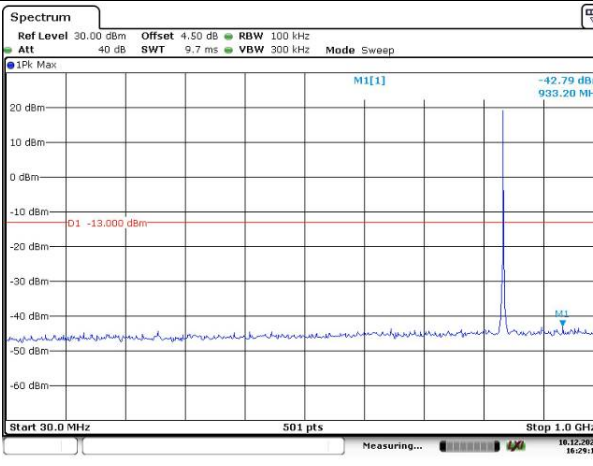
Channel

1.4MHz Bandwidth QPSK

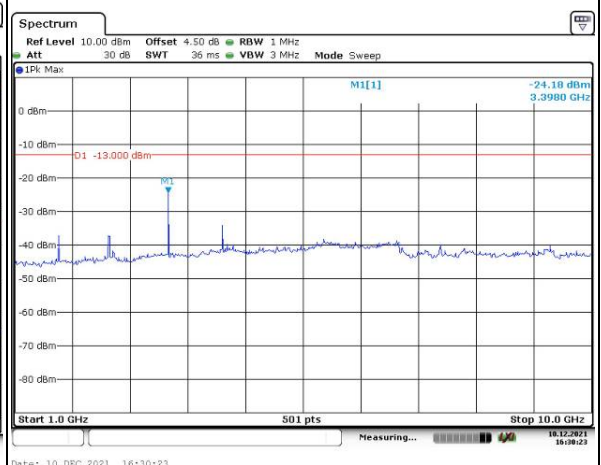
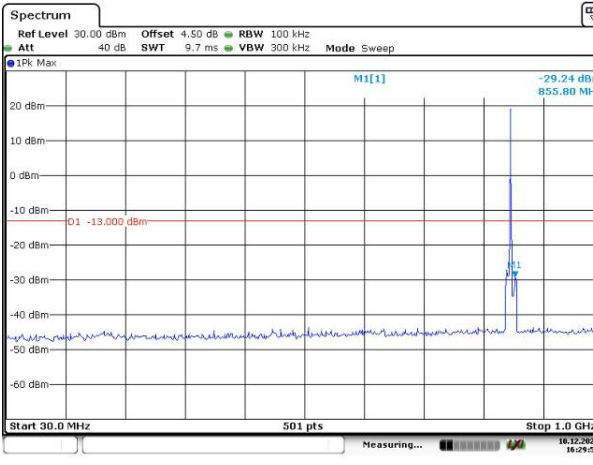
Lowest



Middle



Highest



### Spurious Emissions at Antenna Terminal

