

Out of band emission, Band Edge

Mode	Lowest	Highest
QPSK 10MHz	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 100 kHz Att 30 dB SWT 1 ms VBW 300 kHz Mode Sweep CF 1.85 GHz 501 pts Span 20.0 MHz Date: 29_SEP.2021 18:04:17</p>	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 100 kHz Att 30 dB SWT 1 ms VBW 300 kHz Mode Sweep CF 1.91 GHz 501 pts Span 20.0 MHz Date: 29_SEP.2021 18:05:27</p>
QPSK 15MHz	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 300 kHz Att 30 dB SWT 20 ms VBW 1 MHz Mode Sweep CF 1.85 GHz 501 pts Span 30.0 MHz Date: 29_SEP.2021 18:06:37</p>	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 300 kHz Att 30 dB SWT 20 ms VBW 1 MHz Mode Sweep CF 1.91 GHz 501 pts Span 30.0 MHz Date: 29_SEP.2021 18:14:54</p>
QPSK 20MHz	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 300 kHz Att 30 dB SWT 1 ms VBW 1 MHz Mode Sweep CF 1.85 GHz 501 pts Span 40.0 MHz Date: 29_SEP.2021 18:16:19</p>	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 300 kHz Att 30 dB SWT 20 ms VBW 1 MHz Mode Sweep CF 1.91 GHz 501 pts Span 40.0 MHz Date: 29_SEP.2021 18:17:34</p>

Out of band emission, Band Edge

Mode	Lowest	Highest
16QAM 1.4MHz	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 30 kHz Att 30 dB SWT 1.1 ms VBW 100 kHz Mode Sweep</p> <p>MI[1] -15.52 dBm 1.8498620 GHz</p> <p>CF 1.85 GHz 501 pts Span 3.0 MHz</p> <p>Date: 29.SEP.2021 17:58:33</p>	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 30 kHz Att 30 dB SWT 1.1 ms VBW 100 kHz Mode Sweep</p> <p>MI[1] -17.44 dBm 1.9100000 GHz</p> <p>CF 1.91 GHz 501 pts Span 3.0 MHz</p> <p>Date: 29.SEP.2021 17:59:13</p>
16QAM 3MHz	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 30 kHz Att 30 dB SWT 20 ms VBW 100 kHz Mode Sweep</p> <p>MI[1] -18.16 dBm 1.8500000 GHz</p> <p>CF 1.85 GHz 501 pts Span 6.0 MHz</p> <p>Date: 29.SEP.2021 18:00:31</p>	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 30 kHz Att 30 dB SWT 20 ms VBW 100 kHz Mode Sweep</p> <p>MI[1] -20.40 dBm 1.9100000 GHz</p> <p>CF 1.91 GHz 501 pts Span 6.0 MHz</p> <p>Date: 29.SEP.2021 18:01:32</p>
16QAM 5MHz	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 100 kHz Att 30 dB SWT 20 ms VBW 300 kHz Mode Sweep</p> <p>MI[1] -20.07 dBm 1.8500000 GHz</p> <p>CF 1.85 GHz 501 pts Span 10.0 MHz</p> <p>Date: 29.SEP.2021 18:02:37</p>	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 100 kHz Att 30 dB SWT 20 ms VBW 300 kHz Mode Sweep</p> <p>MI[1] -21.26 dBm 1.9100000 GHz</p> <p>CF 1.91 GHz 501 pts Span 10.0 MHz</p> <p>Date: 29.SEP.2021 18:03:36</p>

Out of band emission, Band Edge

Mode	Lowest	Highest
16QAM 10MHz		
16QAM 15MHz		
16QAM 20MHz		

4.7 Antenna Port Test Data and Results for LTE Band 4:

Serial Number:	CR21090060-RF-S1/2	Test Date:	2021/9/29~2021/10/21
Test Site:	RF	Test Mode:	Transmitting
Tester:	Le qiao	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.9~28.1	Relative Humidity: (%)	51~60	ATM Pressure: (kPa)	100.2~100.4
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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
R&S	Wideband Radio Communication Tester	CMW500	149218	2021/7/22	2022/7/21
Mini-Circuits	DC Block	BLK-18-S+	1554403	2021/8/8	2022/8/7
ZHAOXIN	DC Power Supply	RXN-6010D	21R60	N/A	N/A
BACL	TEMP&HUMI Test Chamber	BTH-150	30026	2021/7/22	2022/7/22
UNI-T	Multimeter	UT39A+	C210582554	2021/8/30	2022/8/30
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 4▲:

Antenna Gain (dBi):	1	Cable Loss (dB):	0.2
Operation Voltage(V _{DC}):			
Lowest:	3.5	Normal:	3.8
		Highest:	4.3

Test Frequency For Each Mode:

Operation Bandwidth	Lowest Frequency (MHz)	Middle Frequency (MHz)	Highest Frequency (MHz)
1.4MHz	1710.7	1732.5	1754.3
3MHz	1711.5	1732.5	1753.5
5MHz	1712.5	1732.5	1752.5
10MHz	1715	1732.5	1750
15MHz	1717.5	1732.5	1747.5
20MHz	1720	1732.5	1745

Test Data:**FCC §2.1046; §27.50(d)(4)****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		
1.4MHz QPSK	RB1#0	21.98	21.87	22.2	23	30
	RB1#3	21.94	21.92	22.14		
	RB1#5	21.99	21.97	22.17		
	RB3#0	22	22.17	22.12		
	RB3#3	22.06	22.18	22.07		
	RB6#0	21.07	21.11	20.95		
1.4MHz 16QAM	RB1#0	21.65	20.77	22.07	22.87	30
	RB1#3	21.71	20.88	21.98		
	RB1#5	21.72	20.92	22.01		
	RB3#0	21.13	21.19	21.23		
	RB3#3	21.14	21.19	21.21		
	RB6#0	20.33	20.33	20.72		
3MHz QPSK	RB1#0	21.94	22.06	22.26	23.06	30
	RB1#8	22.04	22.05	22.21		
	RB1#14	22.03	22.11	22.17		
	RB6#0	20.99	21.08	21.18		
	RB6#9	21.01	21.13	21.02		
	RB15#0	21.05	21.1	21.17		
3MHz 16QAM	RB1#0	21.36	21.71	21.16	22.57	30
	RB1#8	21.37	21.77	21.12		
	RB1#14	21.4	21.77	21.04		
	RB6#0	20.06	20.16	20.43		
	RB6#9	20.05	20.15	20.76		
	RB15#0	20.23	20.08	20.24		
5MHz QPSK	RB1#0	22.01	22.05	22	22.98	30
	RB1#13	22.01	22.18	21.97		
	RB1#24	22	22.16	21.93		

	RB15#0	21.14	21.04	21.14		
	RB15#10	21.01	21.14	21.12		
	RB25#0	21.12	21.03	21.17		
5MHz 16QAM	RB1#0	20.24	21.19	20.72	22.16	30
	RB1#13	20.28	21.25	20.71		
	RB1#24	20.3	21.36	20.69		
	RB15#0	20.25	20.05	20.15		
	RB15#10	20.23	20.05	20.15		
	RB25#0	20.24	20.09	20.02		
10MHz QPSK	RB1#0	21.96	22.17	22.27	23.08	30
	RB1#25	21.98	22.22	22.28		
	RB1#49	22.04	22.24	22.28		
	RB25#0	21.03	20.99	21.12		
	RB25#25	21.1	21.21	21.02		
	RB50#0	21.11	21.1	21.25		
10MHz 16QAM	RB1#0	21.23	21.24	20.64	22.13	30
	RB1#25	21.31	21.27	20.79		
	RB1#49	21.28	21.33	20.7		
	RB25#0	20.18	20.22	20.69		
	RB25#25	20.18	20.34	20.27		
	RB50#0	20.27	20.26	20.23		
15MHz QPSK	RB1#0	21.97	22.13	22.18	23.02	30
	RB1#38	21.97	22.19	22.2		
	RB1#74	22.06	22.22	22.14		
	RB36#0	21.17	21.13	21.07		
	RB36#39	21.06	21.15	21.06		
	RB75#0	21.12	21.05	21.14		
15MHz 16QAM	RB1#0	21.25	21.25	21.38	22.26	30
	RB1#38	21.3	21.18	21.45		
	RB1#74	21.3	21.29	21.46		
	RB36#0	20.33	20.25	20.57		
	RB36#39	20.19	20.22	20.22		
	RB75#0	20.24	20.2	20.57		
20MHz QPSK	RB1#0	22.03	22.05	22.32	23.12	30
	RB1#50	22.13	22.05	22.25		
	RB1#99	22.16	22.13	22.27		
	RB50#0	21.11	21.03	21.17		
	RB50#50	21.11	21.21	21.2		
	RB100#0	21.05	21.12	21.05		
20MHz 16QAM	RB1#0	21.26	21.42	20.6	22.35	30
	RB1#50	21.25	21.46	20.5		
	RB1#99	21.32	21.55	20.51		
	RB50#0	20.36	20.2	20.12		
	RB50#50	20.35	20.13	20.27		
	RB100#0	20.26	20.14	20.5		
					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	5.16	4.7	4.26	13
	RB100#0	5.16	4.61	5.16	13
20MHz 16QAM	RB1#0	6.43	5.62	5.33	13
	RB100#0	6.26	5.65	6.12	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
1.4MHz QPSK	1.096	1.108	1.102	1.26	1.284	1.26
1.4MHz 16QAM	1.108	1.102	1.102	1.266	1.296	1.26
3MHz QPSK	2.695	2.695	2.683	3	3	3.024
3MHz 16QAM	2.695	2.695	2.695	3.012	3	3.024
5MHz QPSK	4.551	4.531	4.511	5	5	5
5MHz 16QAM	4.531	4.531	4.531	4.98	5	5.02
10MHz QPSK	8.942	8.981	8.981	9.84	9.84	9.68
10MHz 16QAM	8.942	8.981	8.981	9.8	9.8	9.76
15MHz QPSK	13.593	13.533	13.473	15.24	15.06	15
15MHz 16QAM	13.593	13.533	13.473	15.12	15.12	14.94
20MHz QPSK	18.044	17.884	17.964	19.84	19.52	19.68
20MHz 16QAM	18.124	17.964	17.804	19.84	19.76	19.52

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.

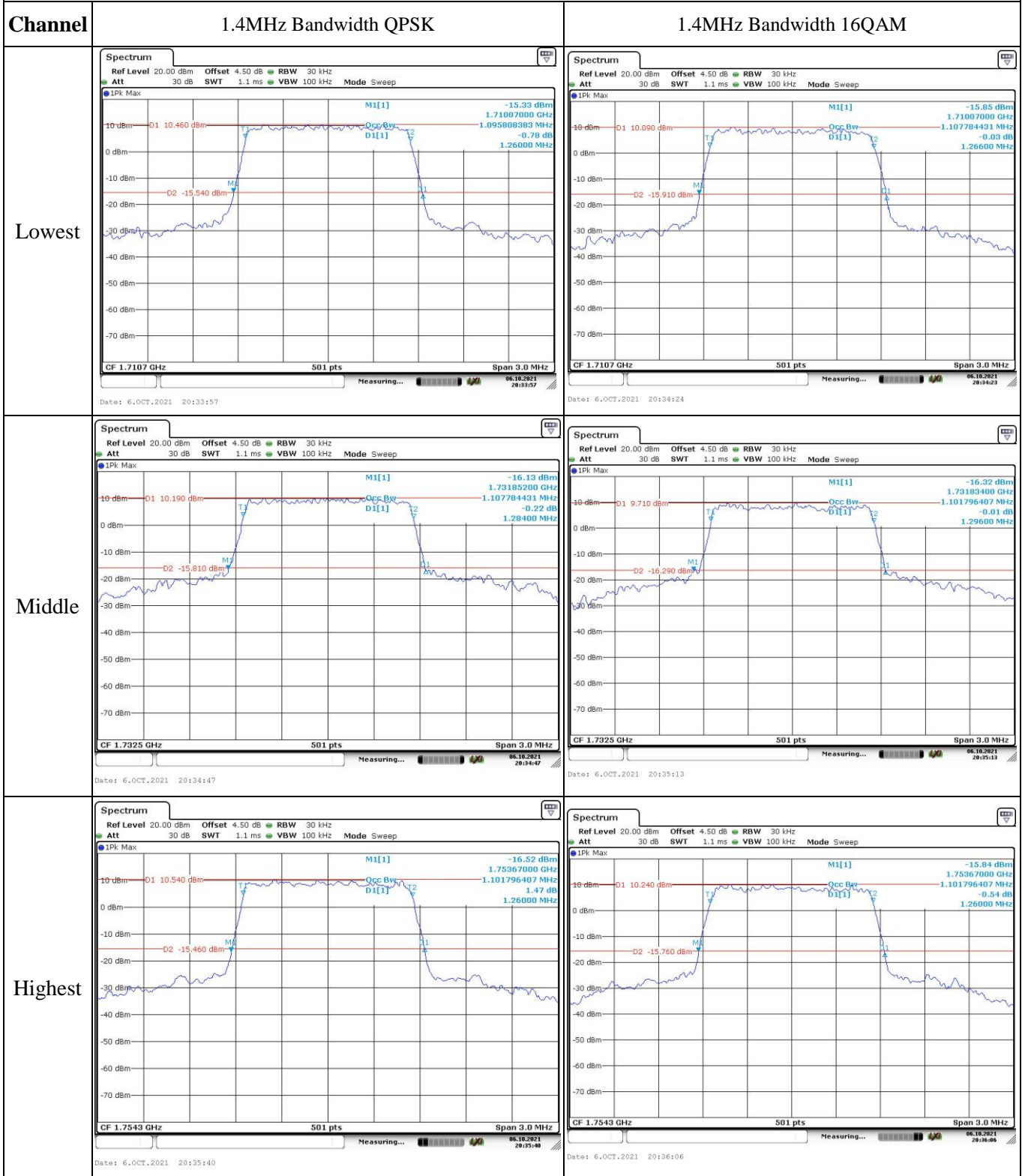
FCC §2.1051, §27.53:Out of band emission, Band Edge	
Result:	Pass, Please refer to the test plots of Out of band emission, Band Edge.

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	3.8	1710.2469	1710.00	1754.7531	1755
	-20	3.8	1710.5289	1710.00	1754.4711	1755
	-10	3.8	1710.0823	1710.00	1754.5885	1755
	0	3.8	1710.4115	1710.00	1754.4239	1755
	10	3.8	1710.4938	1710.00	1754.9177	1755
	20	3.8	1710.5289	1710.00	1754.4311	1755
	30	3.8	1710.6584	1710.00	1754.3416	1755
	40	3.8	1710.2469	1710.00	1754.5062	1755
Frequency Stability vs. Voltage	20	3.5	1710.4115	1710.00	1754.8354	1755
	20	4.3	1710.5761	1710.00	1754.2593	1755
					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	3.8	1710.0823	1710.00	1754.6708	1755
	-20	3.8	1710.5289	1710.00	1754.4711	1755
	-10	3.8	1710.6584	1710.00	1754.4239	1755
	0	3.8	1710.7407	1710.00	1754.4239	1755
	10	3.8	1710.6584	1710.00	1754.3416	1755
	20	3.8	1710.489	1710.00	1754.4711	1755
	30	3.8	1710.1646	1710.00	1754.2593	1755
	40	3.8	1710.1646	1710.00	1754.5885	1755
Frequency Stability vs. Voltage	20	3.5	1710.3292	1710.00	1754.5885	1755
	20	4.3	1710.5761	1710.00	1754.4239	1755
					Result:	Pass

Test Plots:

Occupied Bandwidth



Occupied Bandwidth

Channel	3MHz Bandwidth QPSK	3MHz Bandwidth 16QAM
Lowest	<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 IPk Max MI[1] -18.32 dBm 1.7099880 GHz Occ Bw 2.694610778 MHz -0.43 dB 3.0000 MHz CF 1.7115 GHz 501 pts Span 6.0 MHz Date: 6.OCT.2021 20:36:40</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 IPk Max MI[1] -18.59 dBm 1.7100800 GHz Occ Bw 2.694610778 MHz -0.43 dB 3.0120 MHz CF 1.7115 GHz 501 pts Span 6.0 MHz Date: 6.OCT.2021 20:37:06</p>
Middle	<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 IPk Max MI[1] -17.80 dBm 1.7310120 GHz Occ Bw 2.694610778 MHz -0.45 dB 3.0000 MHz CF 1.7325 GHz 501 pts Span 6.0 MHz Date: 6.OCT.2021 20:37:27</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 IPk Max MI[1] -19.47 dBm 1.7310000 GHz Occ Bw 2.694610778 MHz -0.40 dB 3.0000 MHz CF 1.7325 GHz 501 pts Span 6.0 MHz Date: 6.OCT.2021 20:37:53</p>
Highest	<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 IPk Max MI[1] -19.13 dBm 1.7519880 GHz Occ Bw 2.682634731 MHz -0.45 dB 3.0240 MHz CF 1.7535 GHz 501 pts Span 6.0 MHz Date: 6.OCT.2021 20:38:17</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 IPk Max MI[1] -18.36 dBm 1.7519880 GHz Occ Bw 2.694610778 MHz -1.63 dB 3.0240 MHz CF 1.7535 GHz 501 pts Span 6.0 MHz Date: 6.OCT.2021 20:38:43</p>

Occupied Bandwidth

Channel	5MHz Bandwidth QPSK	5MHz Bandwidth 16QAM
Lowest	<p>Spectrum Ref Level 20.00 dBm Offset 4.50 dB RBW 100 kHz Att 30 dB SWT 1 ms VBW 300 kHz Mode Sweep IPk Max M1[1] -16.51 dBm 1.70998200 GHz Occ Bw 4.550898204 MHz D1[1] 1.55 dB 5.0000 MHz D2 -15.400 dBm CF 1.7125 GHz 501 pts Span 10.0 MHz Date: 6.OCT.2021 20:39:13</p>	<p>Spectrum Ref Level 20.00 dBm Offset 4.50 dB RBW 100 kHz Att 30 dB SWT 1 ms VBW 300 kHz Mode Sweep IPk Max M1[1] -15.76 dBm 1.71002000 GHz Occ Bw 4.530938124 MHz D1[1] 0.15 dB 5.0000 MHz D2 -15.790 dBm CF 1.7125 GHz 501 pts Span 10.0 MHz Date: 6.OCT.2021 20:39:43</p>
Middle	<p>Spectrum Ref Level 20.00 dBm Offset 4.50 dB RBW 100 kHz Att 30 dB SWT 1 ms VBW 300 kHz Mode Sweep IPk Max M1[1] -15.34 dBm 1.73002000 GHz Occ Bw 4.530938124 MHz D1[1] 0.43 dB 5.0000 MHz D2 -15.770 dBm CF 1.7325 GHz 501 pts Span 10.0 MHz Date: 6.OCT.2021 20:40:10</p>	<p>Spectrum Ref Level 20.00 dBm Offset 4.50 dB RBW 100 kHz Att 30 dB SWT 1 ms VBW 300 kHz Mode Sweep IPk Max M1[1] -16.63 dBm 1.73002000 GHz Occ Bw 4.530938124 MHz D1[1] 0.16 dB 5.0000 MHz D2 -17.200 dBm CF 1.7325 GHz 501 pts Span 10.0 MHz Date: 6.OCT.2021 20:40:36</p>
Highest	<p>Spectrum Ref Level 20.00 dBm Offset 4.50 dB RBW 100 kHz Att 30 dB SWT 1 ms VBW 300 kHz Mode Sweep IPk Max M1[1] -14.39 dBm 1.75000000 GHz Occ Bw 4.510978044 MHz D1[1] -1.24 dB 5.0000 MHz D2 -15.340 dBm CF 1.7525 GHz 501 pts Span 10.0 MHz Date: 6.OCT.2021 20:41:09</p>	<p>Spectrum Ref Level 20.00 dBm Offset 4.50 dB RBW 100 kHz Att 30 dB SWT 1 ms VBW 300 kHz Mode Sweep IPk Max M1[1] -17.62 dBm 1.74998000 GHz Occ Bw 4.530938124 MHz D1[1] -0.15 dB 5.0200 MHz D2 -17.090 dBm CF 1.7525 GHz 501 pts Span 10.0 MHz Date: 6.OCT.2021 20:41:36</p>

Occupied Bandwidth

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

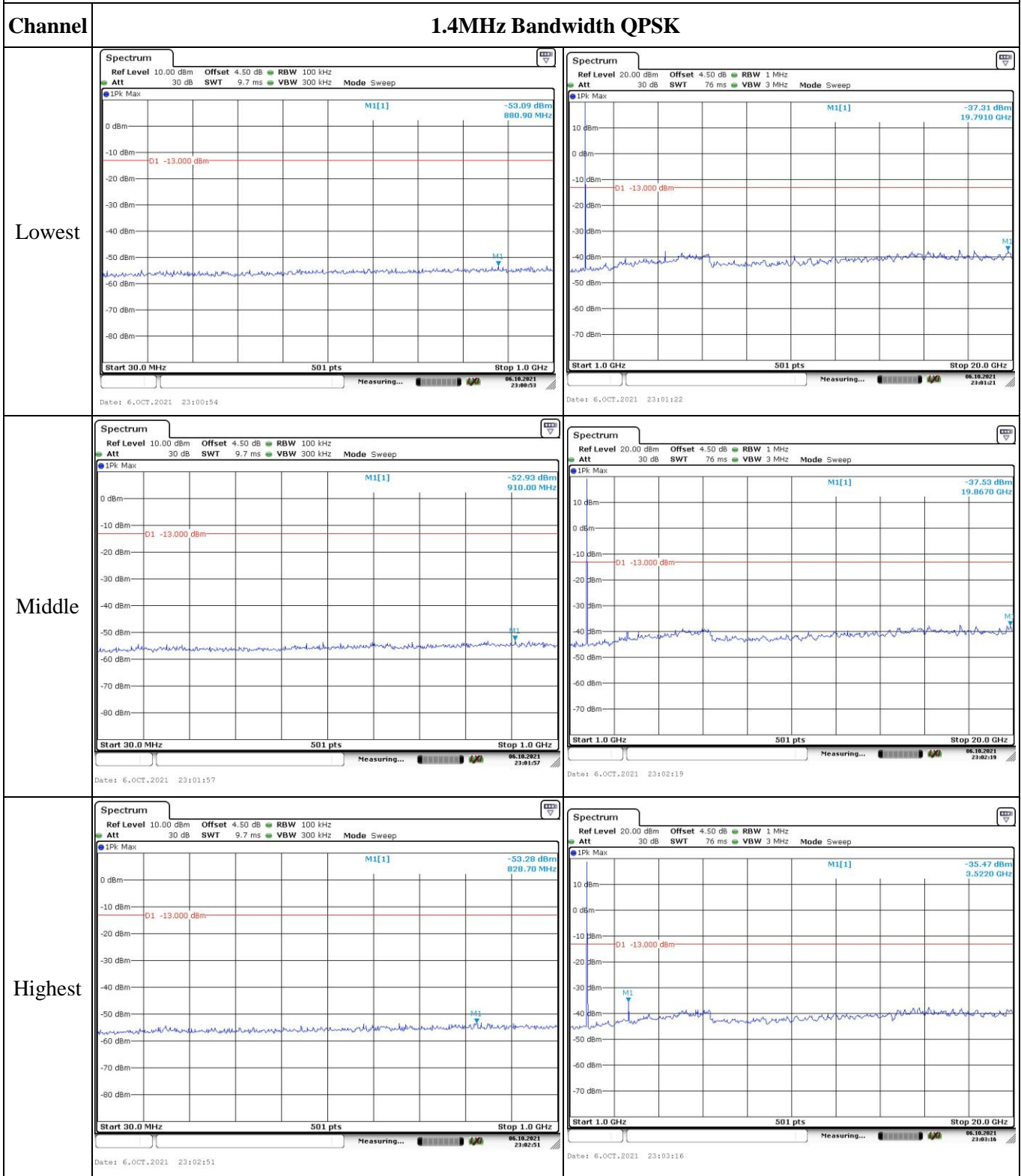
Occupied Bandwidth

Channel	15MHz Bandwidth QPSK	15MHz Bandwidth 16QAM
Lowest	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 300 kHz Att 30 dB SWT 1 ms VBW 1 MHz Mode Sweep</p> <p>IPk Max</p> <p>M1[1] -15.18 dBm 1.7099300 GHz Occ Bw 13.592814371 MHz D1[1] -0.20 dB 15.2400 MHz</p> <p>D2 -15.140 dBm</p> <p>CF 1.7175 GHz 501 pts Span 30.0 MHz</p> <p>Date: 6.OCT.2021 20:46:34</p>	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 300 kHz Att 30 dB SWT 1 ms VBW 1 MHz Mode Sweep</p> <p>IPk Max</p> <p>M1[1] -15.95 dBm 1.7099400 GHz Occ Bw 13.592814371 MHz D1[1] 0.52 dB 15.1200 MHz</p> <p>D2 -15.620 dBm</p> <p>CF 1.7175 GHz 501 pts Span 30.0 MHz</p> <p>Date: 6.OCT.2021 20:47:07</p>
Middle	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 300 kHz Att 30 dB SWT 1 ms VBW 1 MHz Mode Sweep</p> <p>IPk Max</p> <p>M1[1] -15.23 dBm 1.7251200 GHz Occ Bw 13.532934132 MHz D1[1] 0.85 dB 15.0600 MHz</p> <p>D2 -14.430 dBm</p> <p>CF 1.7325 GHz 501 pts Span 30.0 MHz</p> <p>Date: 6.OCT.2021 20:47:38</p>	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 300 kHz Att 30 dB SWT 1 ms VBW 1 MHz Mode Sweep</p> <p>IPk Max</p> <p>M1[1] -14.01 dBm 1.7250600 GHz Occ Bw 13.592814371 MHz D1[1] -1.26 dB 15.1200 MHz</p> <p>D2 -14.720 dBm</p> <p>CF 1.7325 GHz 501 pts Span 30.0 MHz</p> <p>Date: 6.OCT.2021 20:48:10</p>
Highest	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 300 kHz Att 30 dB SWT 1 ms VBW 1 MHz Mode Sweep</p> <p>IPk Max</p> <p>M1[1] -15.57 dBm 1.7399400 GHz Occ Bw 13.473053892 MHz D1[1] 0.94 dB 15.0000 MHz</p> <p>D2 -14.450 dBm</p> <p>CF 1.7475 GHz 501 pts Span 30.0 MHz</p> <p>Date: 6.OCT.2021 20:48:44</p>	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 300 kHz Att 30 dB SWT 1 ms VBW 1 MHz Mode Sweep</p> <p>IPk Max</p> <p>M1[1] -14.85 dBm 1.7400000 GHz Occ Bw 13.473053892 MHz D1[1] 0.72 dB 14.9400 MHz</p> <p>D2 -14.360 dBm</p> <p>CF 1.7475 GHz 501 pts Span 30.0 MHz</p> <p>Date: 6.OCT.2021 20:49:20</p>

Occupied Bandwidth

Channel	20MHz Bandwidth QPSK	20MHz Bandwidth 16QAM
Lowest	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 300 kHz Att 30 dB SWT 1 ms VBW 1 MHz Mode Sweep</p> <p>MI[1] -16.31 dBm 1.7100800 GHz Occ Bw 1.7100800 GHz D1[1] 0.67 dB 19.8400 MHz</p> <p>D1 10.190 dBm D2 -15.810 dBm</p> <p>CF 1.72 GHz 501 pts Span 40.0 MHz</p> <p>Date: 6.OCT.2021 20:50:31</p>	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 300 kHz Att 30 dB SWT 1 ms VBW 1 MHz Mode Sweep</p> <p>MI[1] -16.08 dBm 1.7123752 GHz Occ Bw 1.7123752 GHz D1[1] -0.47 dB 19.8400 MHz</p> <p>D1 9.330 dBm D2 -16.670 dBm</p> <p>CF 1.72 GHz 501 pts Span 40.0 MHz</p> <p>Date: 6.OCT.2021 20:51:01</p>
Middle	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 300 kHz Att 30 dB SWT 1 ms VBW 1 MHz Mode Sweep</p> <p>MI[1] -13.65 dBm 1.7229800 GHz Occ Bw 1.7229800 GHz D1[1] -0.67 dB 19.5200 MHz</p> <p>D1 11.970 dBm D2 -14.030 dBm</p> <p>CF 1.7325 GHz 501 pts Span 40.0 MHz</p> <p>Date: 6.OCT.2021 20:51:35</p>	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 300 kHz Att 30 dB SWT 1 ms VBW 1 MHz Mode Sweep</p> <p>MI[1] -15.55 dBm 1.7224000 GHz Occ Bw 1.7224000 GHz D1[1] -0.27 dB 19.7600 MHz</p> <p>D1 10.530 dBm D2 -15.470 dBm</p> <p>CF 1.7325 GHz 501 pts Span 40.0 MHz</p> <p>Date: 6.OCT.2021 20:51:11</p>
Highest	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 300 kHz Att 30 dB SWT 1 ms VBW 1 MHz Mode Sweep</p> <p>MI[1] -15.24 dBm 1.7351600 GHz Occ Bw 1.7351600 GHz D1[1] -1.04 dB 19.6800 MHz</p> <p>D1 10.320 dBm D2 -15.680 dBm</p> <p>CF 1.745 GHz 501 pts Span 40.0 MHz</p> <p>Date: 6.OCT.2021 20:52:45</p>	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 300 kHz Att 30 dB SWT 1 ms VBW 1 MHz Mode Sweep</p> <p>MI[1] -15.35 dBm 1.7352400 GHz Occ Bw 1.7352400 GHz D1[1] -0.84 dB 19.5200 MHz</p> <p>D1 9.830 dBm D2 -16.170 dBm</p> <p>CF 1.745 GHz 501 pts Span 40.0 MHz</p> <p>Date: 6.OCT.2021 20:53:15</p>

Spurious Emissions at Antenna Terminal

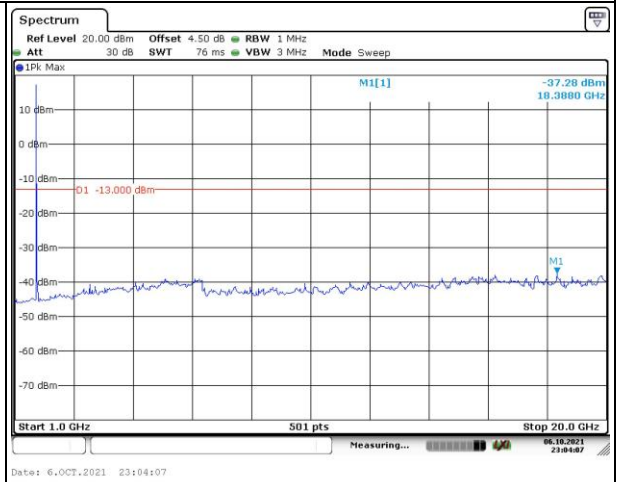
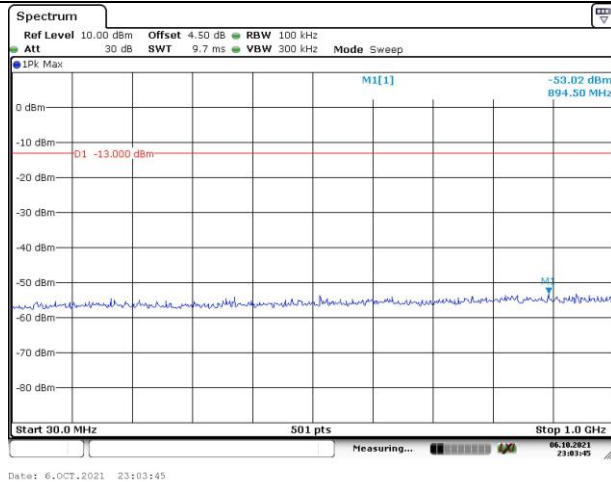


Spurious Emissions at Antenna Terminal

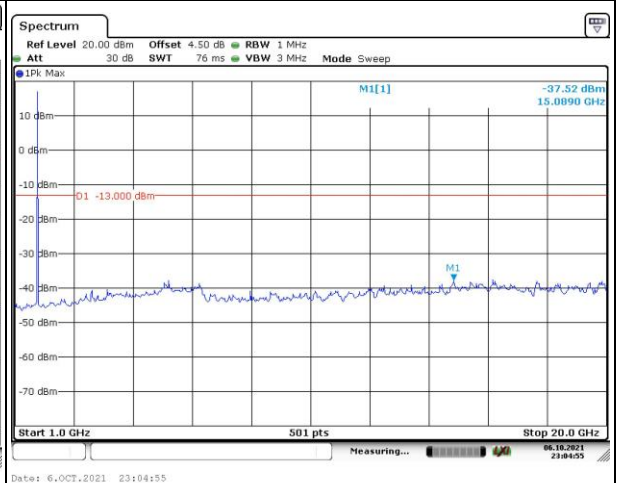
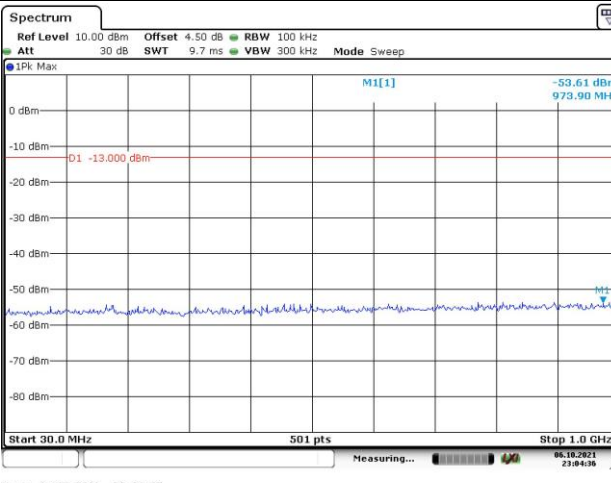
Channel

3MHz Bandwidth QPSK

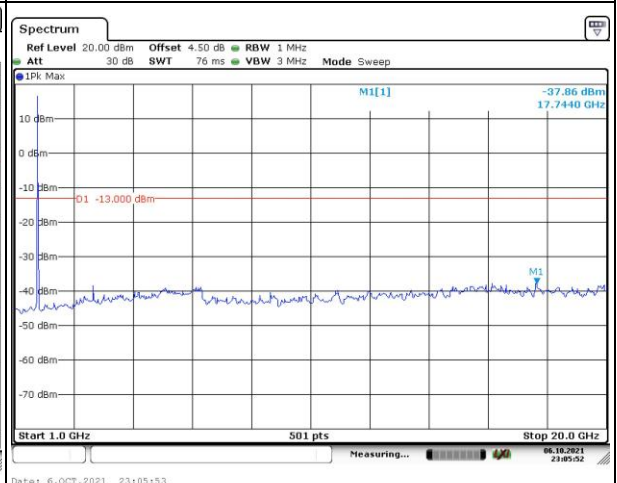
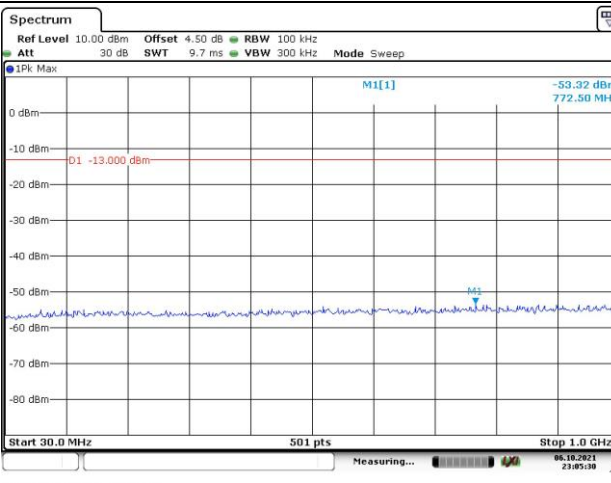
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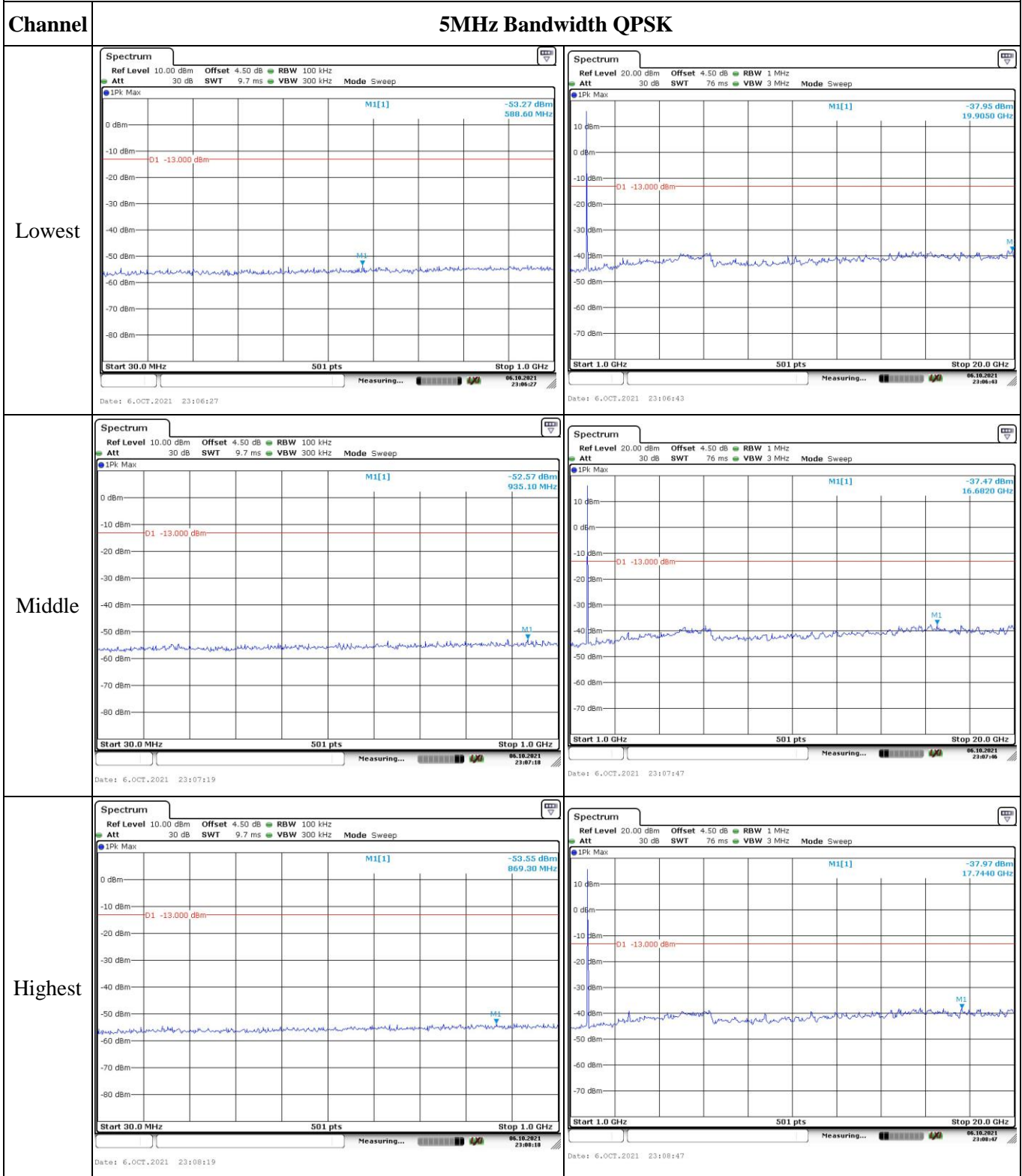
Middle



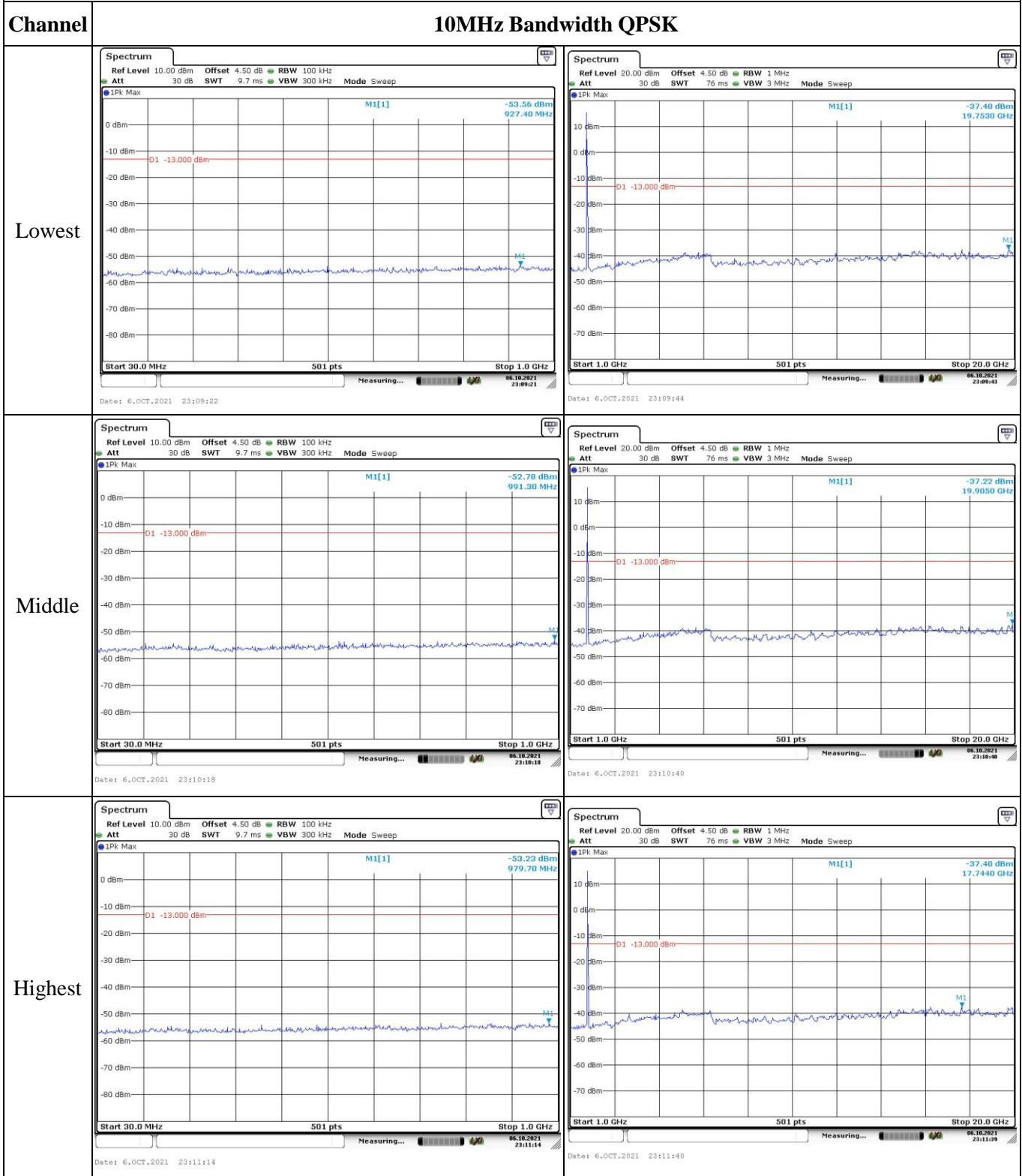
Highest



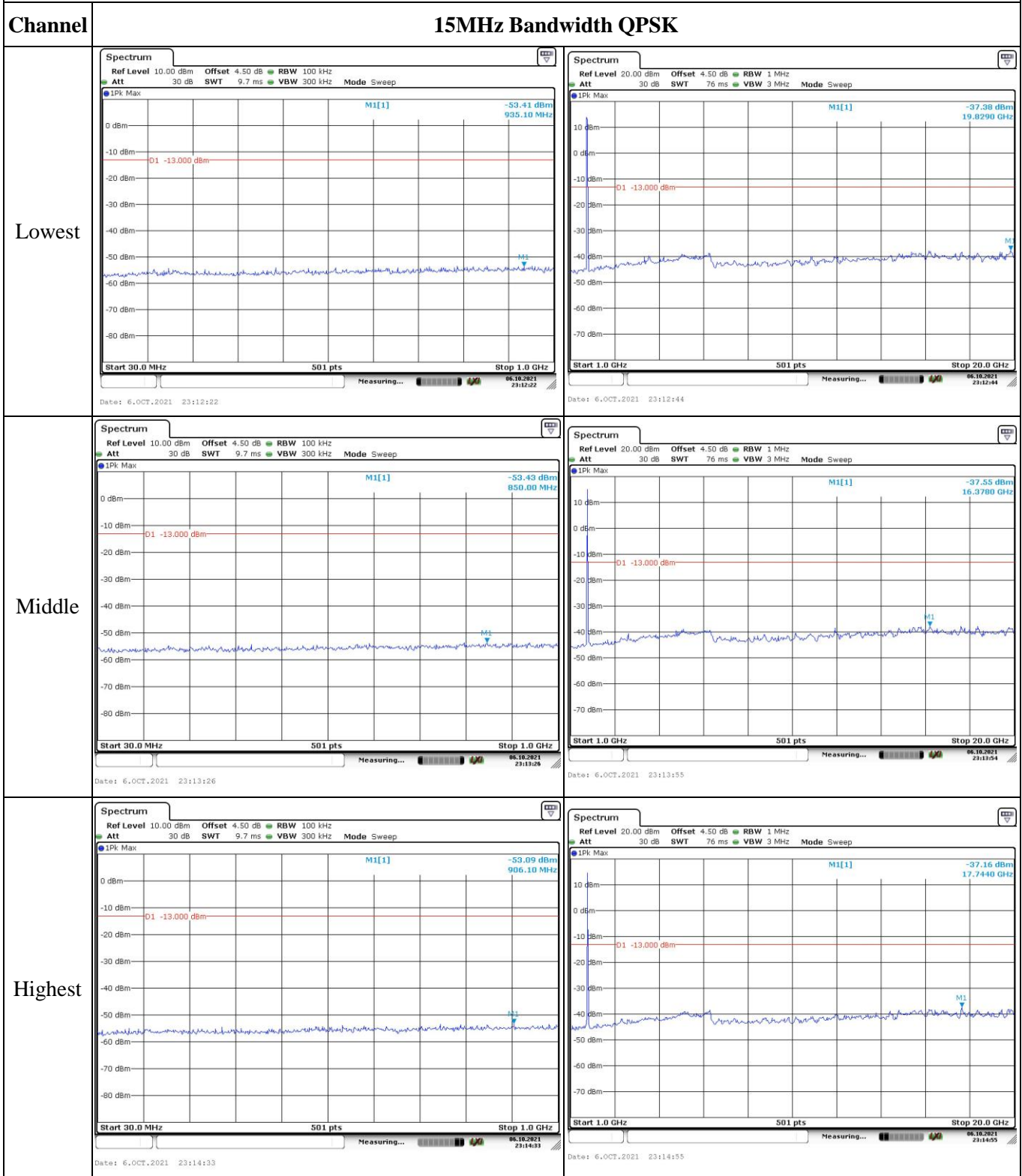
Spurious Emissions at Antenna Terminal



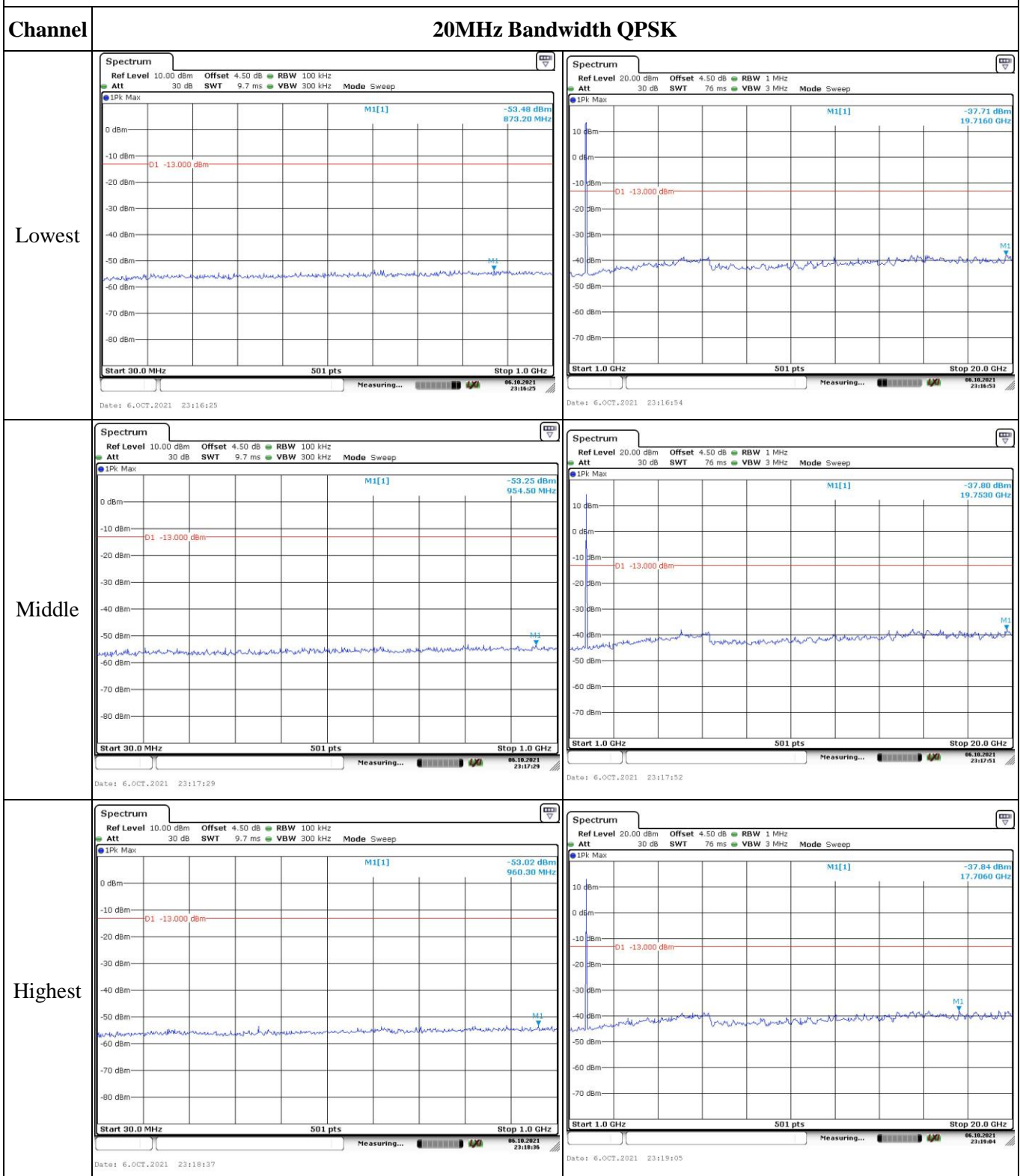
Spurious Emissions at Antenna Terminal



Spurious Emissions at Antenna Terminal



Spurious Emissions at Antenna Terminal



Out of band emission, Band Edge

Mode	Lowest	Highest
QPSK 1.4MHz	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 30 kHz Att 30 dB SWT 1.1 ms VBW 100 kHz Mode Sweep</p> <p>M1[1] -21.85 dBm 1.70998800 GHz</p> <p>CF 1.71 GHz 501 pts Span 3.0 MHz</p> <p>Date: 29_SEP.2021 18:18:41</p>	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 30 kHz Att 30 dB SWT 1.1 ms VBW 100 kHz Mode Sweep</p> <p>M1[1] -21.89 dBm 1.75525750 GHz</p> <p>CF 1.755 GHz 501 pts Span 3.0 MHz</p> <p>Date: 29_SEP.2021 18:19:30</p>
QPSK 3MHz	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 30 kHz Att 30 dB SWT 20 ms VBW 100 kHz Mode Sweep</p> <p>M1[1] -16.80 dBm 1.71000000 GHz</p> <p>CF 1.71 GHz 501 pts Span 6.0 MHz</p> <p>Date: 29_SEP.2021 18:20:34</p>	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 30 kHz Att 30 dB SWT 1.1 ms VBW 100 kHz Mode Sweep</p> <p>M1[1] -14.82 dBm 1.75500000 GHz</p> <p>CF 1.755 GHz 501 pts Span 6.0 MHz</p> <p>Date: 29_SEP.2021 18:21:26</p>
QPSK 5MHz	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 100 kHz Att 30 dB SWT 20 ms VBW 300 kHz Mode Sweep</p> <p>M1[1] -19.64 dBm 1.71000000 GHz</p> <p>CF 1.71 GHz 501 pts Span 10.0 MHz</p> <p>Date: 29_SEP.2021 18:22:35</p>	<p>Ref Level 20.00 dBm Offset 4.50 dB RBW 100 kHz Att 30 dB SWT 20 ms VBW 300 kHz Mode Sweep</p> <p>M1[1] -20.51 dBm 1.75500000 GHz</p> <p>CF 1.755 GHz 501 pts Span 10.0 MHz</p> <p>Date: 29_SEP.2021 18:23:40</p>

Out of band emission, Band Edge

Mode	Lowest	Highest
QPSK 10MHz		
QPSK 15MHz		
QPSK 20MHz		