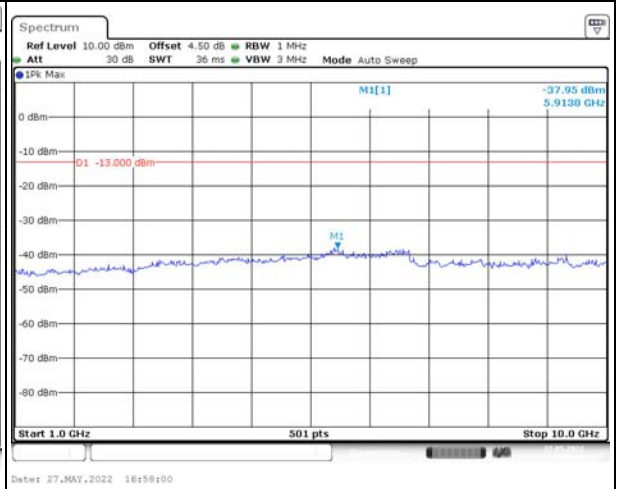
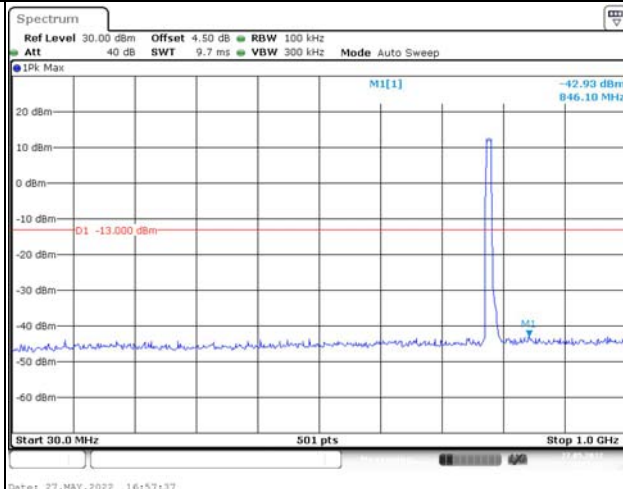


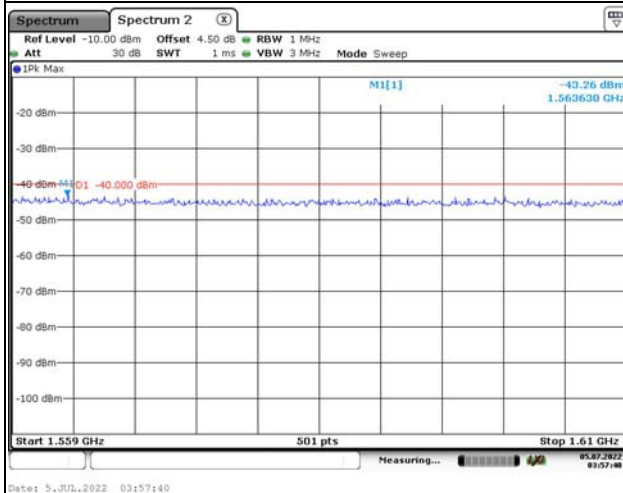
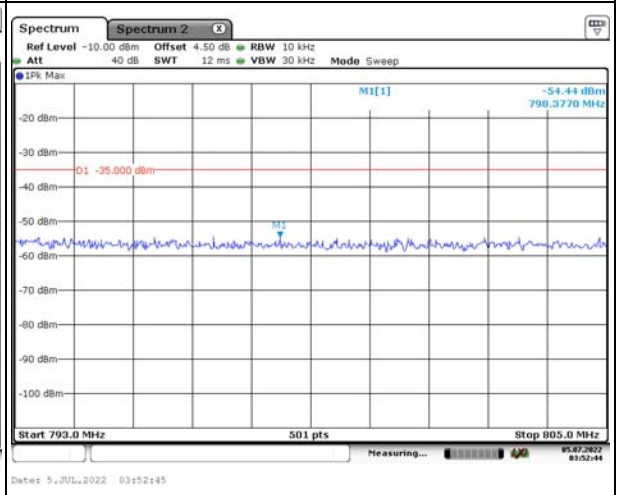
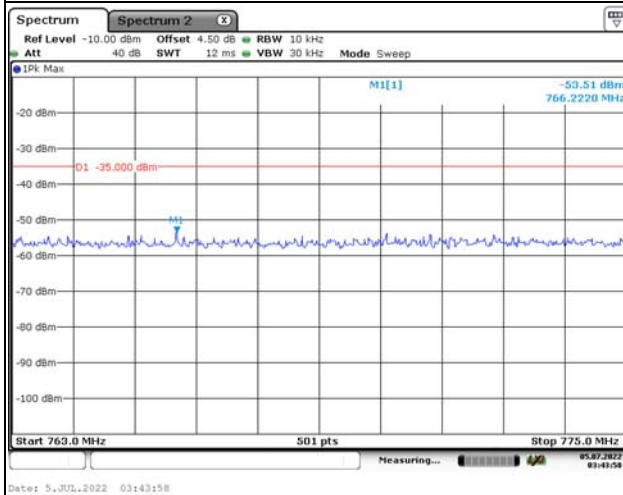
Spurious Emissions at Antenna Terminal

Channel

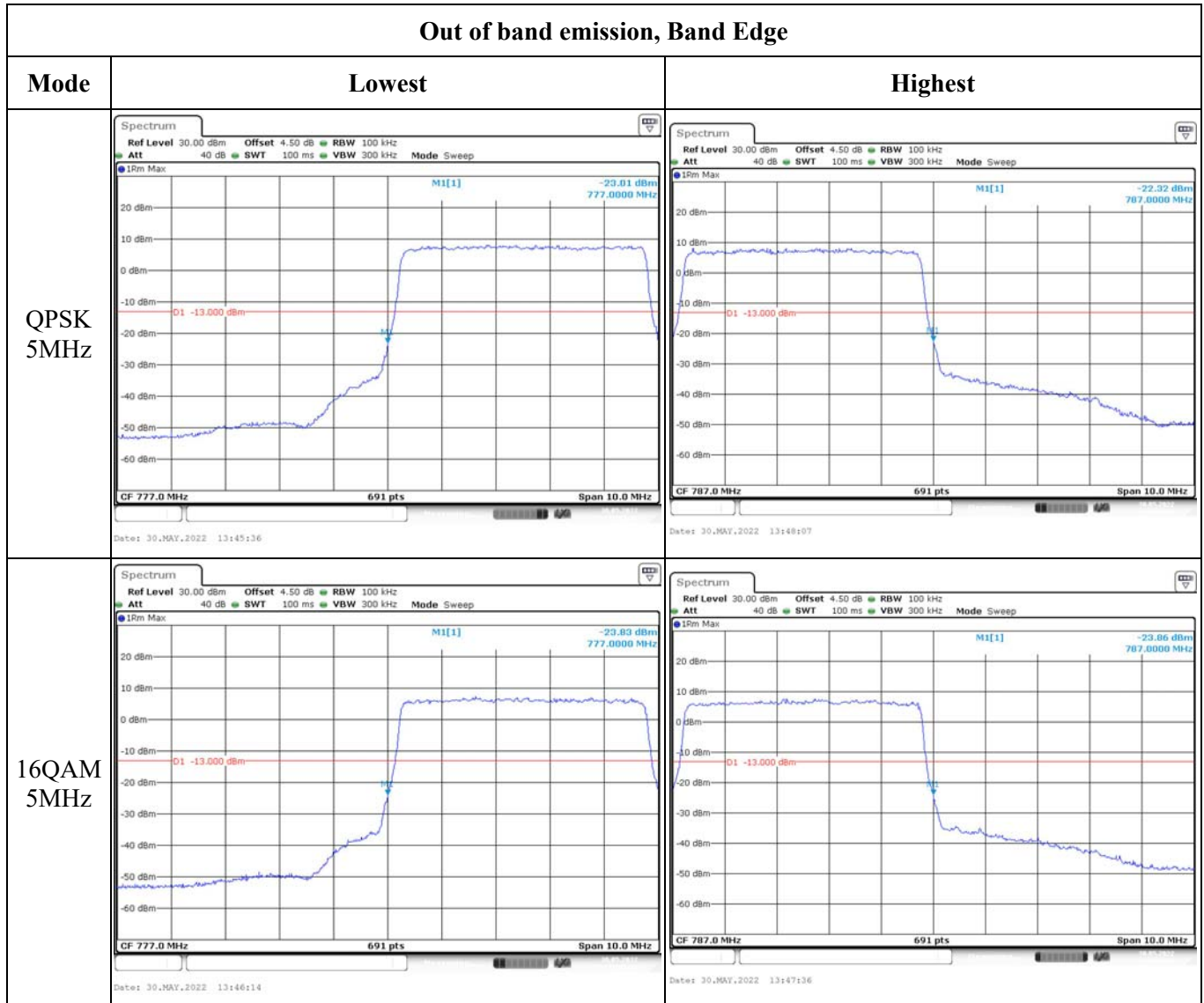
10MHz Bandwidth QPSK



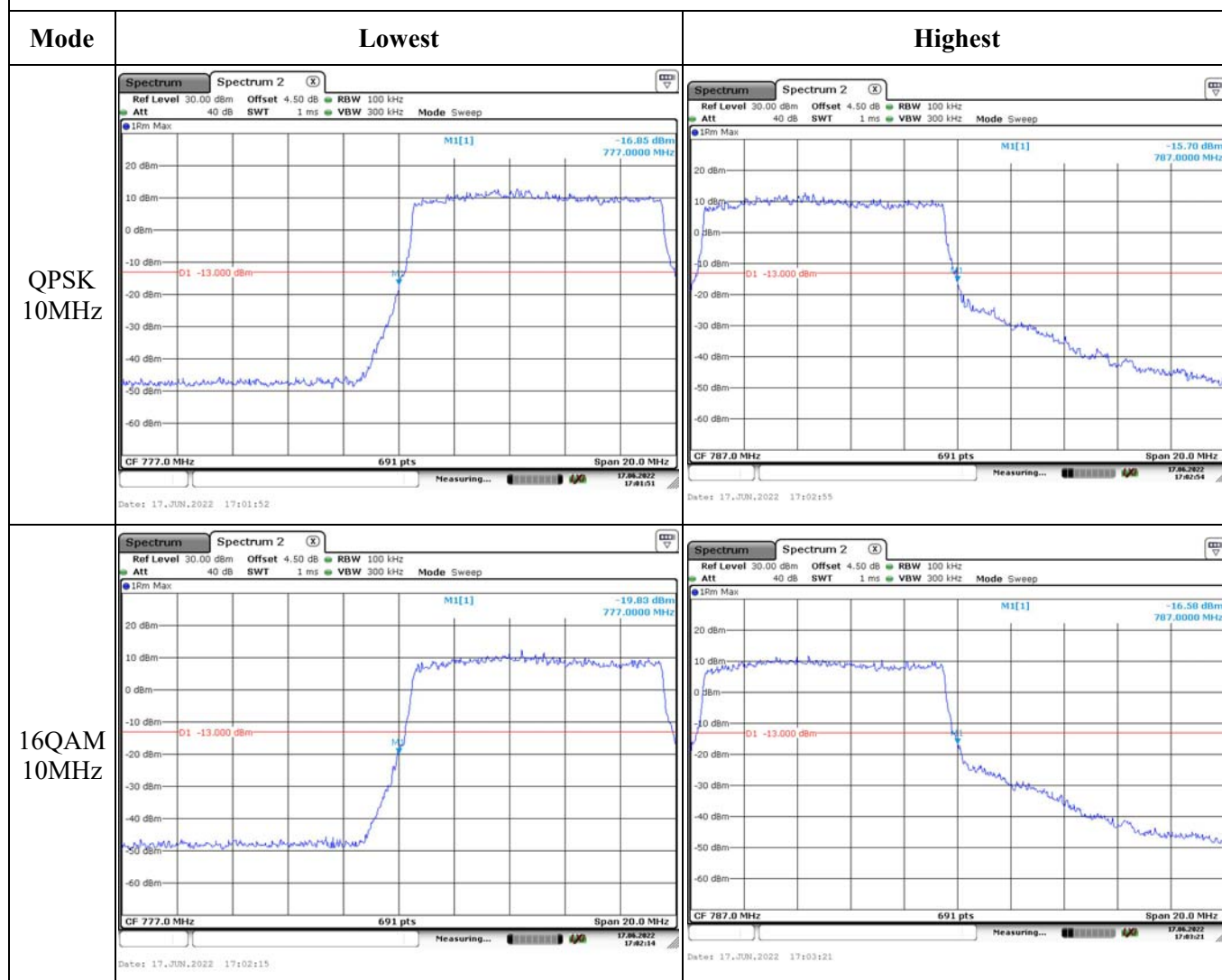
Middle



Out of band emission, Band Edge



Out of band emission, Band Edge



4.6 Antenna Port Test Data and Results for LTE Band 25:

Serial Number:	CR22030086-RF-S1/3	Test Date:	2022-05-27~2022-06-02
Test Site:	RF	Test Mode:	Transmitting
Tester:	Ada Yan	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.1	Relative Humidity: (%)	66	ATM Pressure: (kPa)	100.1
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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	2021-10-10	2022-10-09
zhuoxiang	Coaxial Cable	SMA-178	211001	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554403	Each time	N/A
R&S	Wideband Radio	CMW500	110479	2021-10-26	2022-10-25
Weinschel	Coaxial Attenuator	53-20-34	LN751	Each time	N/A
BACL	TEMP&HUMI Test Chamber	BTH-150	30026	2021-07-22	2022-07-21
UNI-T	Multimeter	UT39A+	C210582554	2021-07-22	2022-07-21
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 25▲:

Antenna Gain (dBi):	-1	Cable Loss (dB):	0
Operation Voltage(V _{DC}):			
Lowest:	3.5	Normal:	3.8
		Highest:	4.35

Test Frequency For Each Mode:

Operation Bandwidth	Lowest Frequency (MHz)	Middle Frequency (MHz)	Highest Frequency (MHz)
1.4MHz	1850.7	1882.5	1914.3
3MHz	1851.5	1882.5	1913.5
5MHz	1852.5	1882.5	1912.5
10MHz	1855	1882.5	1910
15MHz	1857.5	1882.5	1907.5
20MHz	1860	1882.5	1905

Test Data:**FCC§2.1046;§ 24.232****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	22.74	22.85	22.58	22.13	33
	RB1#3	23.03	22.96	22.71		
	RB1#5	22.99	22.81	22.53		
	RB3#0	22.96	22.76	22.92		
	RB3#3	23.13	22.64	22.89		
	RB6#0	21.65	21.59	21.73		
1.4MHz 16QAM	RB1#0	21.77	21.94	22.19	21.32	33
	RB1#3	21.93	21.89	22.32		
	RB1#5	21.72	21.78	22.21		
	RB3#0	22.06	21.71	21.55		
	RB3#3	22.11	21.70	21.79		
	RB6#0	20.69	20.68	20.85		
3MHz QPSK	RB1#0	22.92	22.87	22.50	21.92	33
	RB1#8	22.75	22.57	22.73		
	RB1#14	22.76	22.52	22.78		
	RB6#0	21.76	21.69	21.80		
	RB6#9	21.62	21.56	21.68		
	RB15#0	21.71	21.69	21.82		
3MHz 16QAM	RB1#0	21.91	22.15	21.58	21.15	33
	RB1#8	21.96	22.15	21.29		
	RB1#14	21.85	22.02	21.78		
	RB6#0	20.93	20.69	20.38		
	RB6#9	20.68	20.61	20.59		
	RB15#0	20.77	20.64	20.82		
5MHz QPSK	RB1#0	22.90	22.80	22.33	21.9	33
	RB1#13	22.83	22.51	22.63		
	RB1#24	22.61	22.64	22.86		
	RB15#0	21.82	21.77	21.66		
	RB15#10	21.61	21.47	21.80		
	RB25#0	21.67	21.70	21.69		
5MHz 16QAM	RB1#0	21.46	21.99	21.21	20.99	33
	RB1#13	20.95	21.86	21.20		
	RB1#24	21.23	21.88	21.72		
	RB15#0	20.74	20.84	20.75		
	RB15#10	20.54	20.41	20.68		
	RB25#0	20.92	20.50	20.71		

Test Bandwidth & Modulation	Resource Block & RB offset	Conducted Average Output Power(dBm)			Maximum EIRP (dBm)	EIRP Limit (dBm)
		Lowest Channel	Middle Channel	Highest Channel		
10MHz QPSK	RB1#0	23.06	22.97	22.48	22.06	33
	RB1#25	22.77	22.68	22.40		
	RB1#49	22.97	22.50	22.88		
	RB25#0	21.68	21.80	21.74		
	RB25#25	21.78	21.48	21.61		
	RB50#0	21.79	21.73	21.56		
10MHz 16QAM	RB1#0	22.09	22.38	21.25	21.38	33
	RB1#25	22.03	21.90	21.11		
	RB1#49	21.97	21.84	21.61		
	RB25#0	20.71	20.97	20.96		
	RB25#25	20.56	20.59	20.59		
	RB50#0	20.64	20.86	20.46		
15MHz QPSK	RB1#0	23.06	22.74	22.67	22.1	33
	RB1#38	22.91	22.45	22.35		
	RB1#74	23.10	22.34	22.51		
	RB36#0	21.68	21.79	21.67		
	RB36#39	21.82	21.49	21.63		
	RB75#0	21.67	21.71	21.59		
15MHz 16QAM	RB1#0	22.26	22.45	21.70	21.45	33
	RB1#38	21.86	22.27	21.27		
	RB1#74	22.33	22.27	21.43		
	RB36#0	20.53	20.83	20.42		
	RB36#39	20.78	20.53	20.25		
	RB75#0	20.79	20.70	20.51		
20MHz QPSK	RB1#0	22.91	22.97	22.80	21.97	33
	RB1#50	22.89	22.81	22.81		
	RB1#99	22.90	22.79	22.96		
	RB50#0	21.57	21.69	21.76		
	RB50#50	21.70	21.48	21.57		
	RB100#0	21.56	21.61	21.59		
20MHz 16QAM	RB1#0	22.13	21.66	22.45	21.5	33
	RB1#50	22.38	21.56	22.47		
	RB1#99	22.14	21.42	22.50		
	RB50#0	20.59	20.73	20.68		
	RB50#50	20.75	20.48	20.28		
	RB100#0	20.67	20.72	20.80		
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	3.91	4.32	4.43	13
	RB100#0	5.19	4.96	4.9	13
20MHz 16QAM	RB1#0	4.84	5.45	5.39	13
	RB100#0	6.23	5.97	5.91	13
Result:					Pass

FCC §2.1049, §24.238: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	1.102	1.108	1.108	1.32	1.32	1.296
1.4MHz 16QAM	1.108	1.096	1.102	1.326	1.296	1.308
3MHz QPSK	2.695	2.695	2.683	2.94	2.94	2.964
3MHz 16QAM	2.695	2.683	2.683	2.964	2.964	2.94
5MHz QPSK	4.531	4.511	4.511	5.04	5.04	5
5MHz 16QAM	4.511	4.531	4.511	5.04	5.04	5.06
10MHz QPSK	8.942	8.942	8.901	9.76	9.68	9.68
10MHz 16QAM	8.942	8.942	8.901	9.68	9.72	9.72
15MHz QPSK	13.533	13.413	13.413	15	14.82	14.76
15MHz 16QAM	13.533	13.473	13.413	14.82	14.76	14.76
20MHz QPSK	17.964	17.884	17.884	19.44	19.28	19.52
20MHz 16QAM	17.964	17.884	17.804	19.6	19.52	19.28
Note: The test plots please refer to the Plots of Occupied Bandwidth						

FCC §2.1051, § 24.238 (a):Spurious Emissions at Antenna Terminal	
Result:	Pass, Please refer to the test plots of Spurious Emissions at Antenna Terminal.

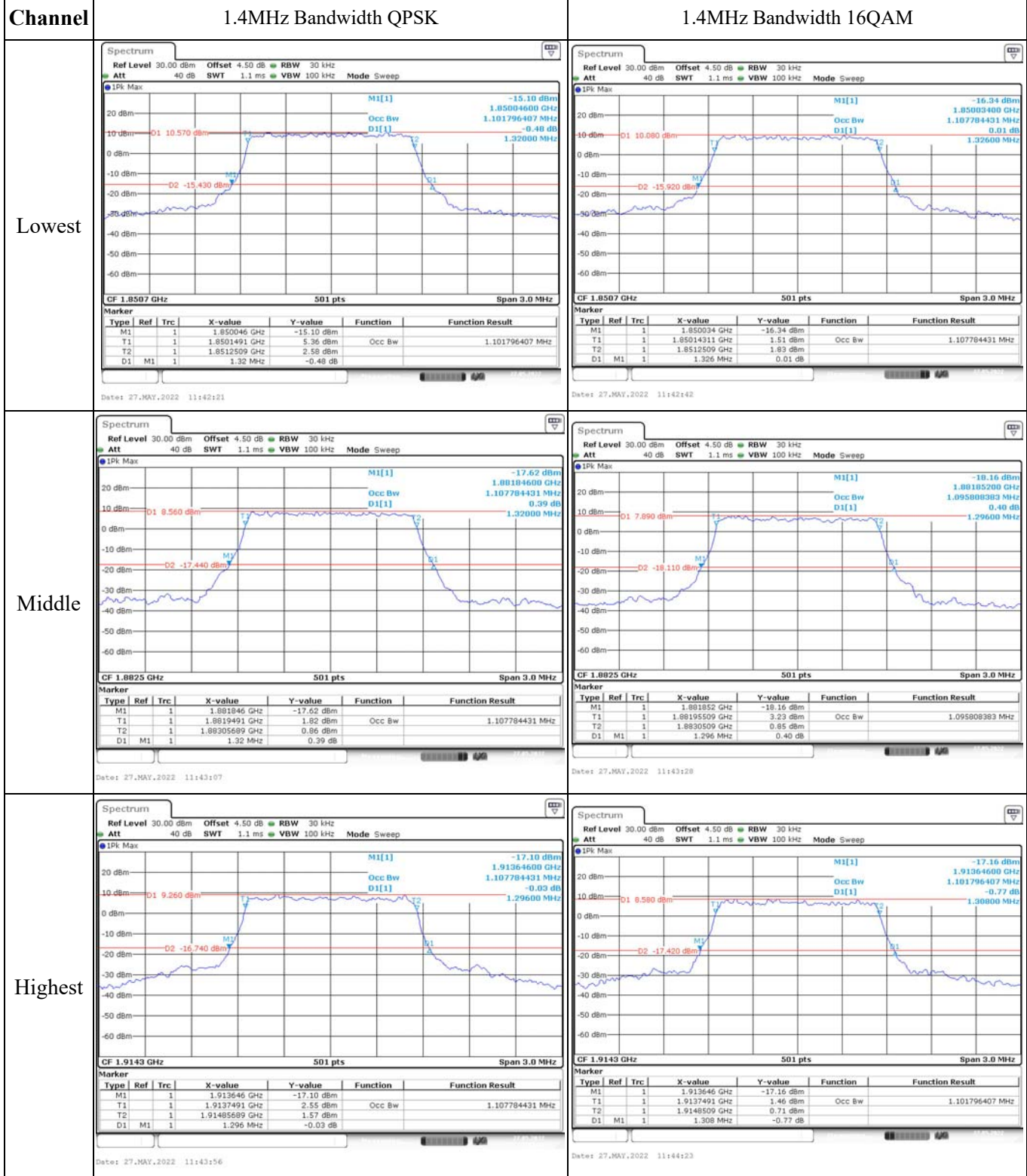
FCC §2.1051, § 24.238 (a):Out of band emission, Band Edge	
Result:	Pass, Please refer to the test plots of Out of band emission, Band Edge.

FCC §2.1055, §24.235: Frequency Stability					
Test Mode:	20 MHz QPSK		Test Channel:	1882.5	MHz
Test Item	Temperature (°C)	Voltage (V _{DC})	Frequency Error		Result
			(Hz)	(ppm)	
Frequency Stability vs. Temperature	-30	3.8	5	0.003	Pass
	-20	3.8	3	0.002	Pass
	-10	3.8	4	0.002	Pass
	0	3.8	-6	-0.003	Pass
	10	3.8	7	0.004	Pass
	20	3.8	1	0.001	Pass
	30	3.8	-7	-0.004	Pass
	40	3.8	2	0.001	Pass
	50	3.8	4	0.002	Pass
Frequency Stability vs. Voltage	20	3.5	3	0.002	Pass
	20	4.35	9	0.005	Pass
				Result:	Pass

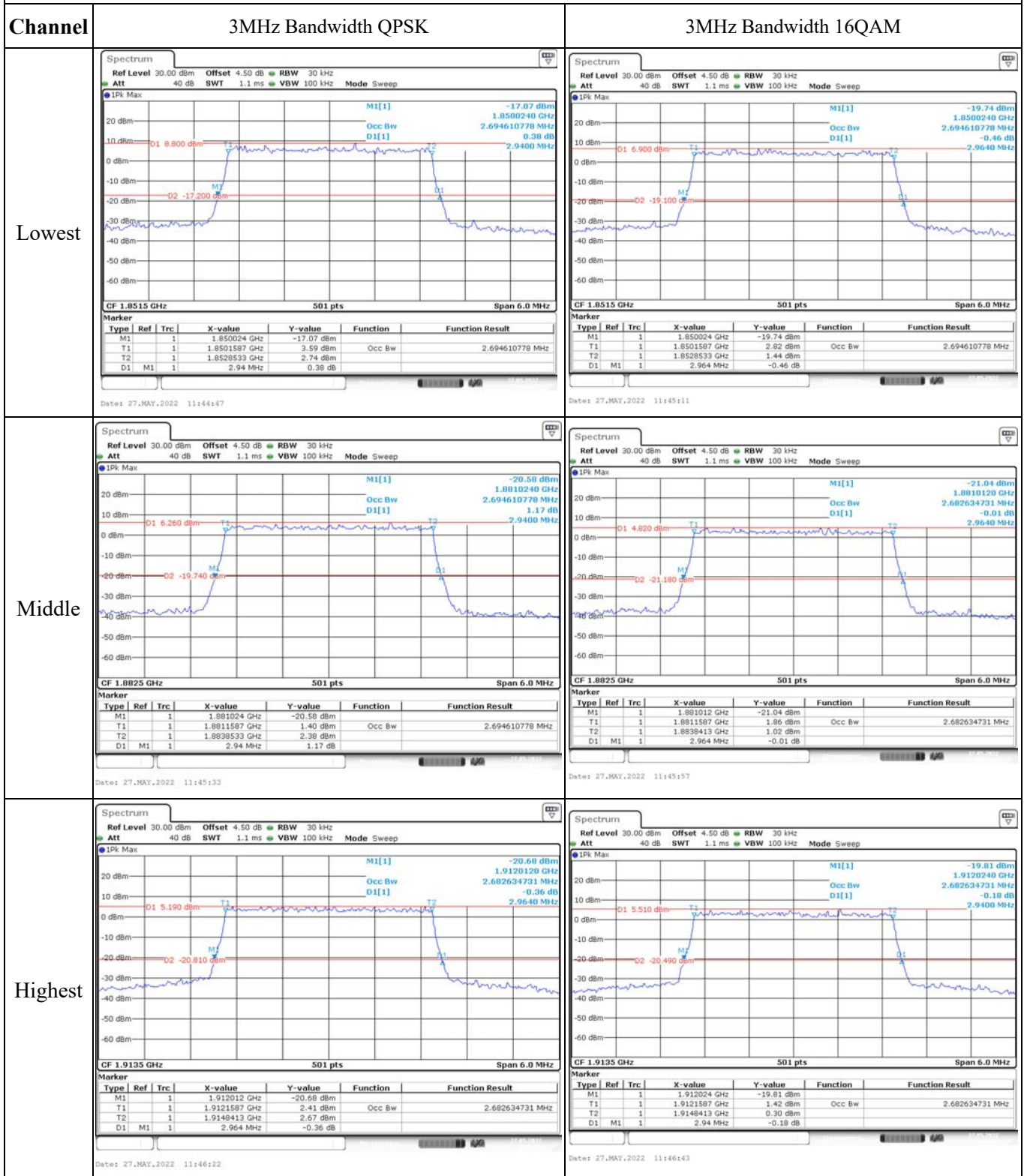
Test Mode:	20 MHz 16QAM		Test Channel:	1882.5	MHz
Test Item	Temperature (°C)	Voltage (V _{DC})	Frequency Error		Result
			(Hz)	(ppm)	
Frequency Stability vs. Temperature	-30	3.8	-2	-0.001	Pass
	-20	3.8	1	0.001	Pass
	-10	3.8	4	0.002	Pass
	0	3.8	2	0.001	Pass
	10	3.8	9	0.005	Pass
	20	3.8	2	0.001	Pass
	30	3.8	5	0.003	Pass
	40	3.8	-2	-0.001	Pass
	50	3.8	4	0.002	Pass
Frequency Stability vs. Voltage	20	3.5	6	0.003	Pass
	20	4.35	2	0.001	Pass
				Result:	Pass

Test Plots:

Occupied Bandwidth



Occupied Bandwidth



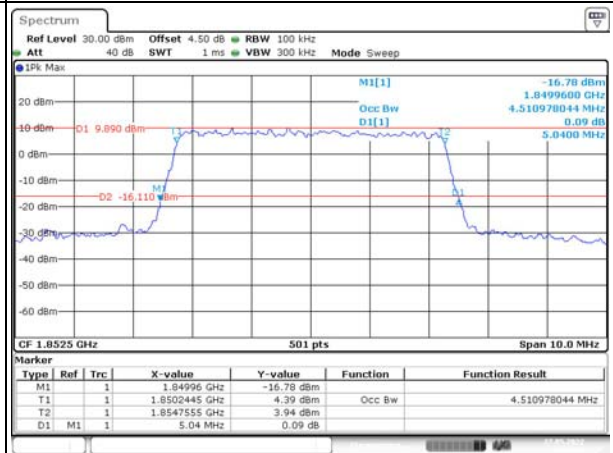
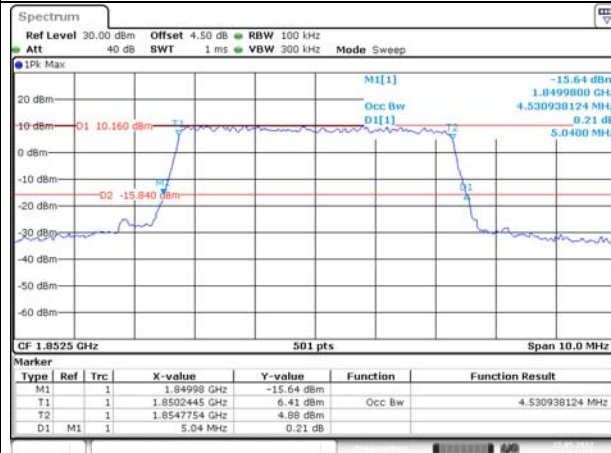
Occupied Bandwidth

Channel

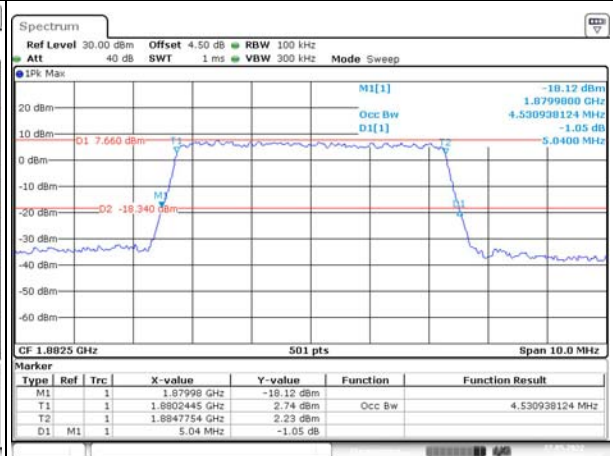
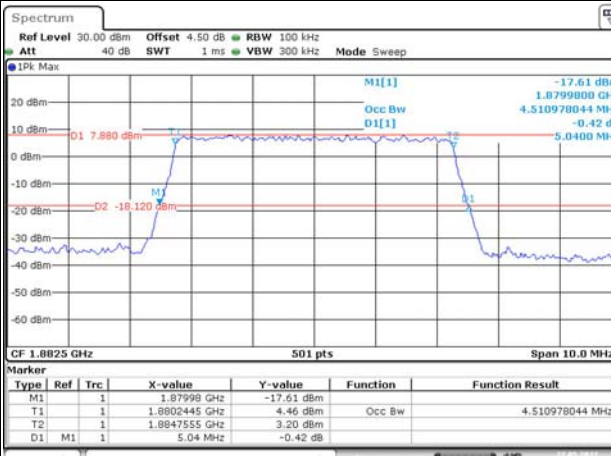
5MHz Bandwidth QPSK

5MHz Bandwidth 16QAM

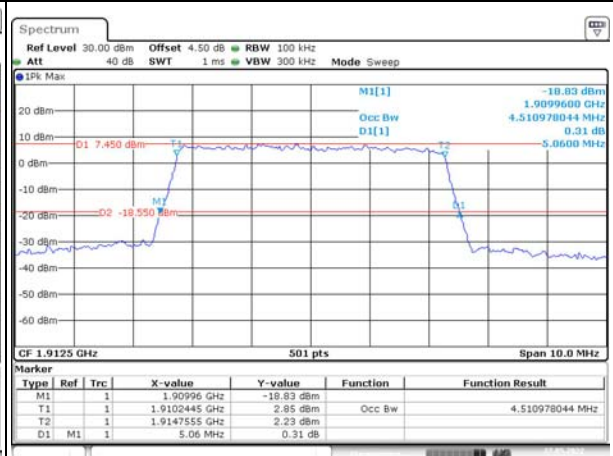
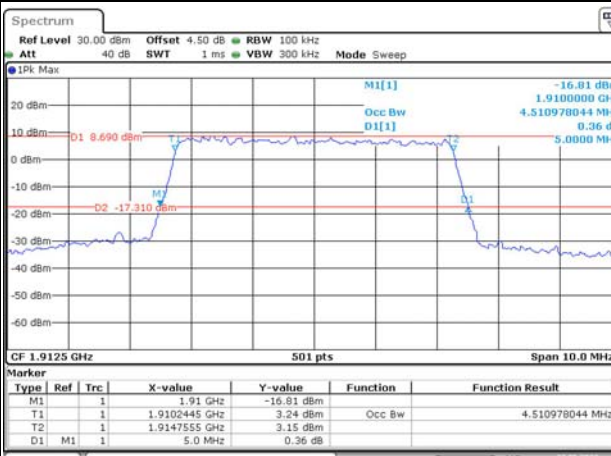
Lowest



Middle



Highest



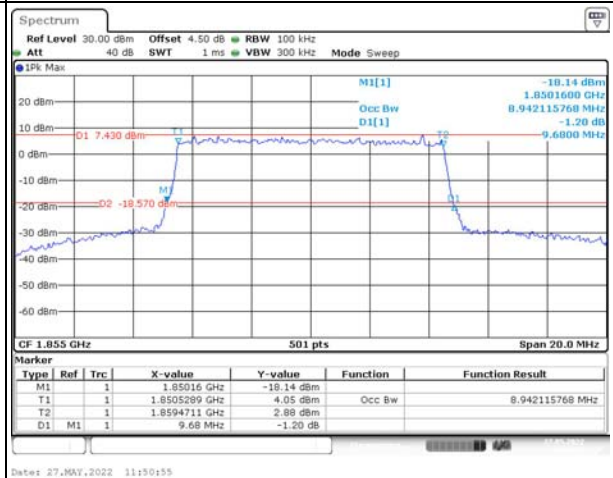
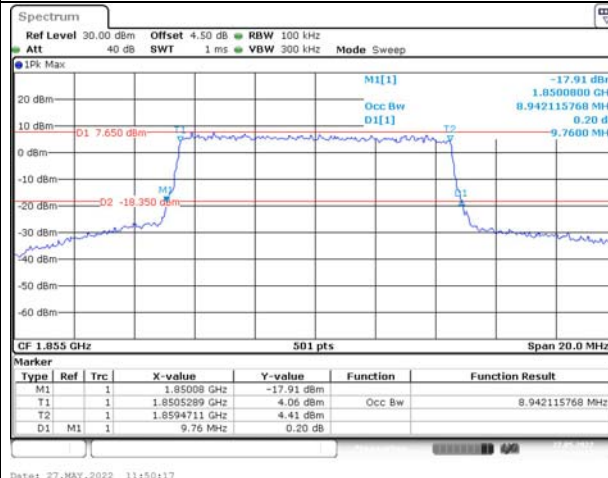
Occupied Bandwidth

Channel

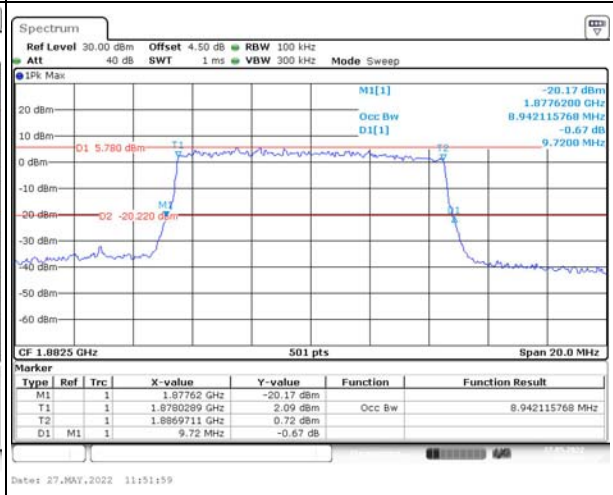
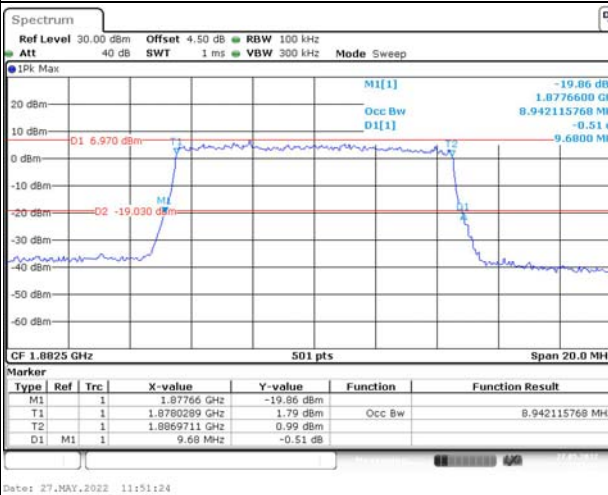
10MHz Bandwidth QPSK

10MHz Bandwidth 16QAM

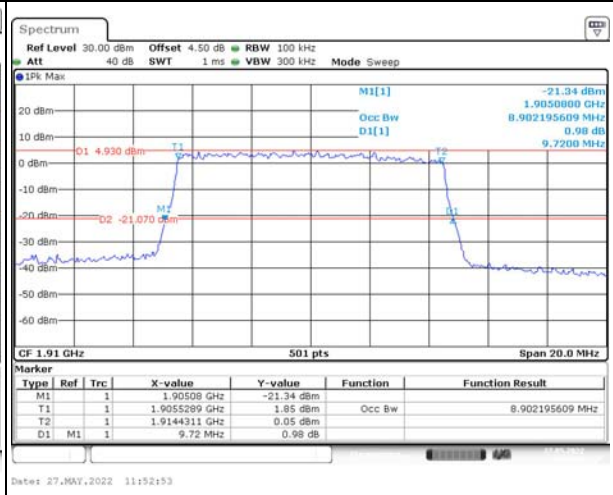
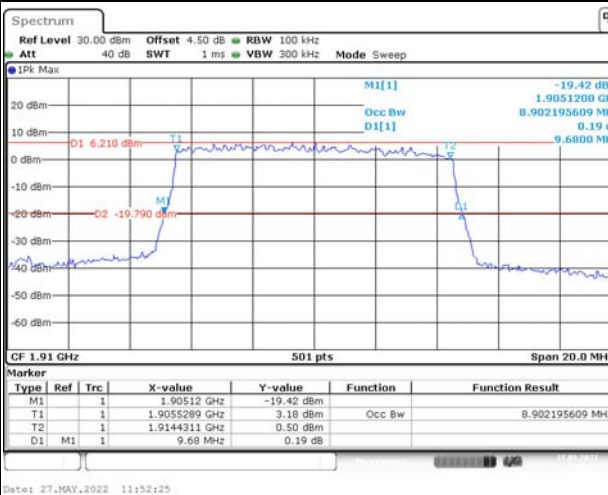
Lowest



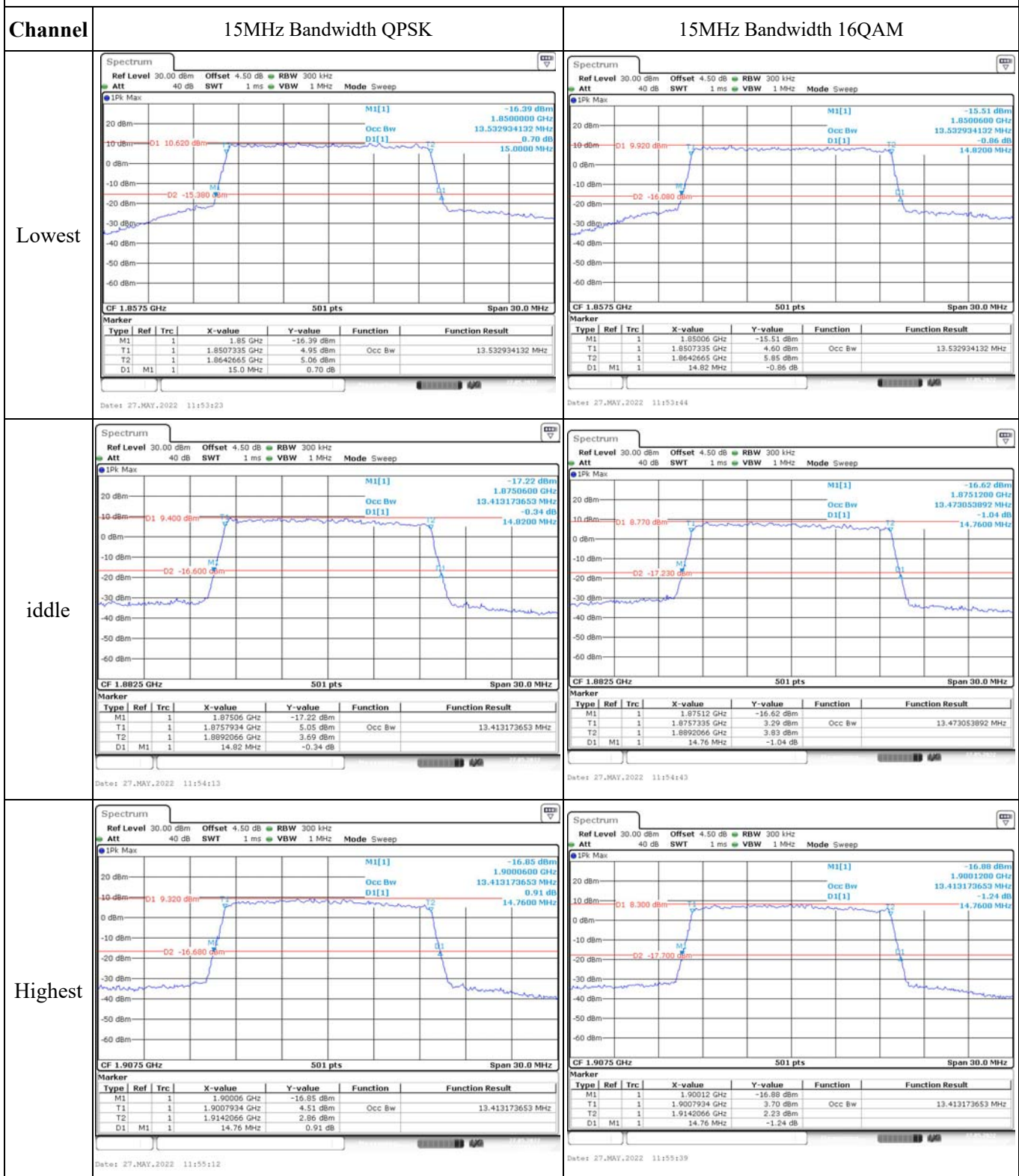
Middle



Highest



Occupied Bandwidth



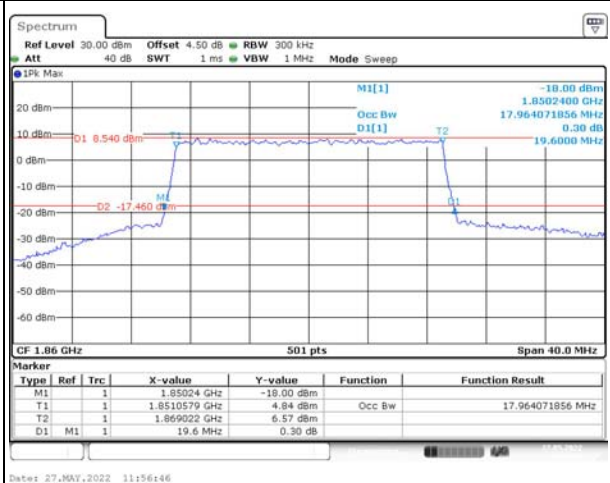
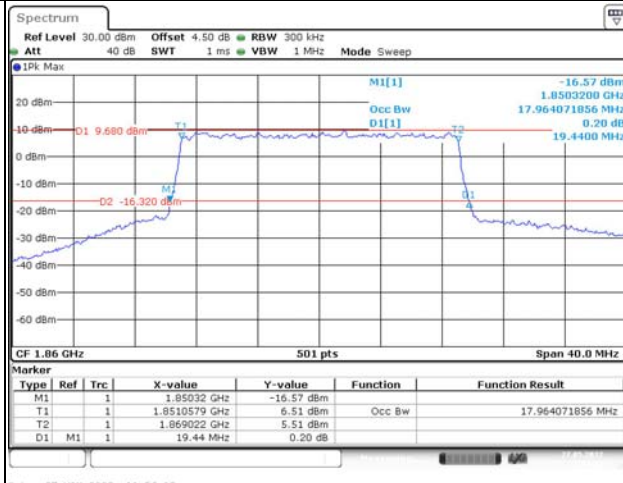
Occupied Bandwidth

Channel

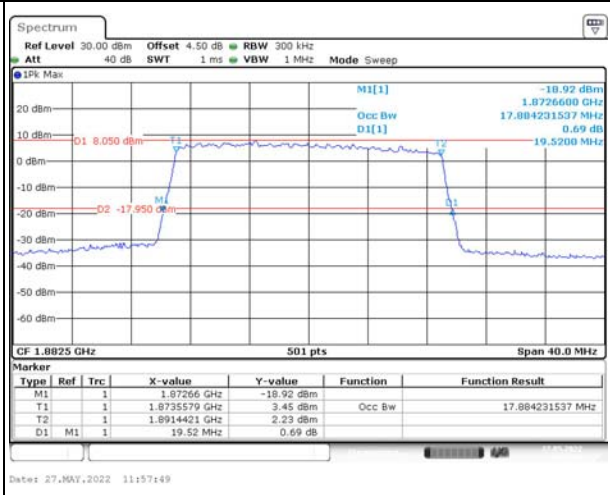
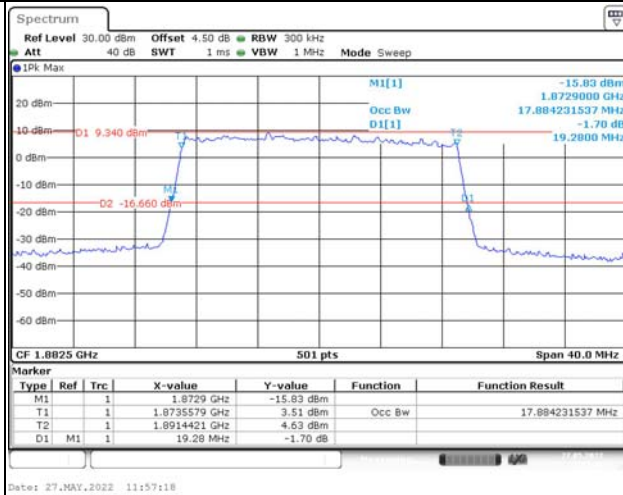
20MHz Bandwidth QPSK

20MHz Bandwidth 16QAM

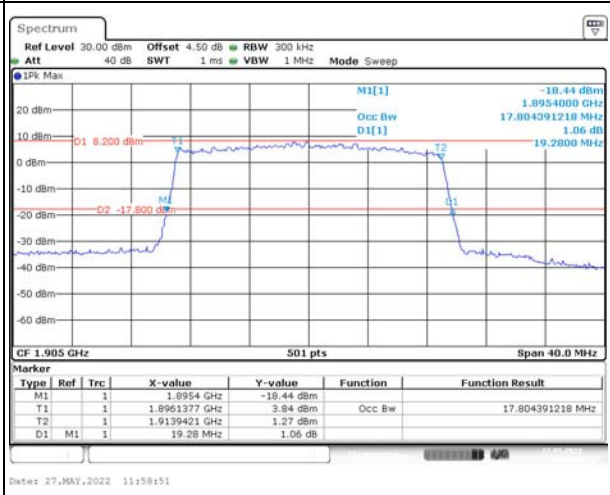
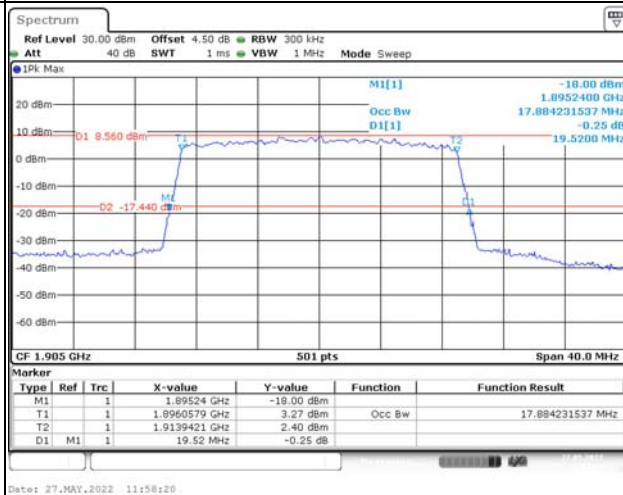
Lowest



Middle



Highest

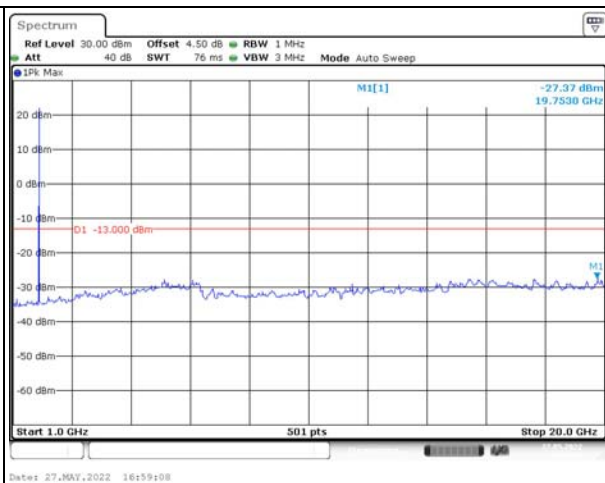
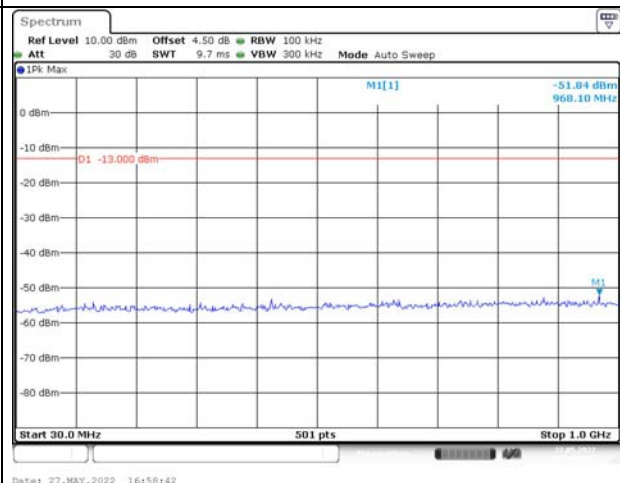


Spurious Emissions at Antenna Terminal

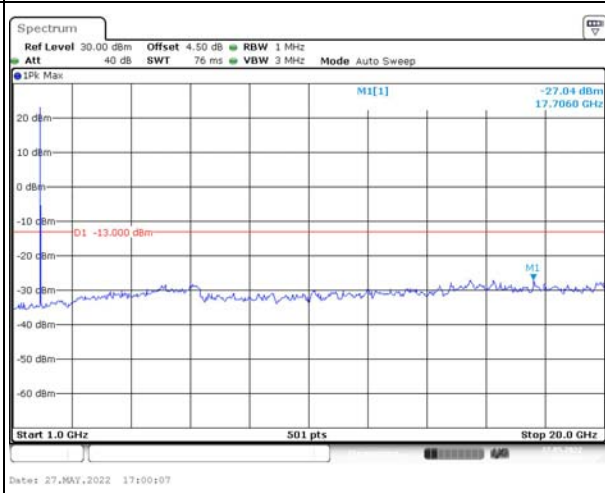
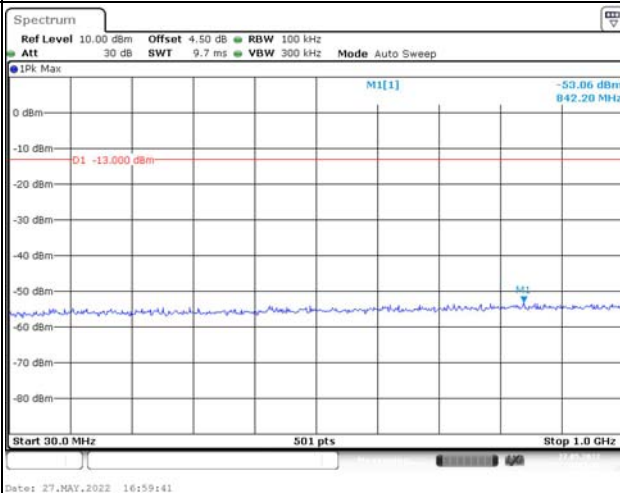
Channel

1.4MHz Bandwidth QPSK

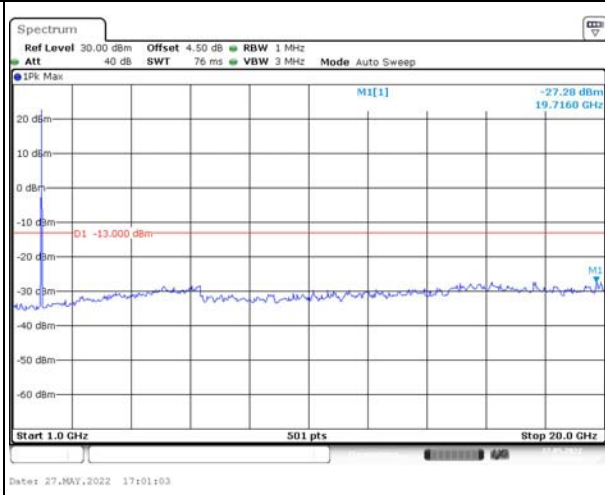
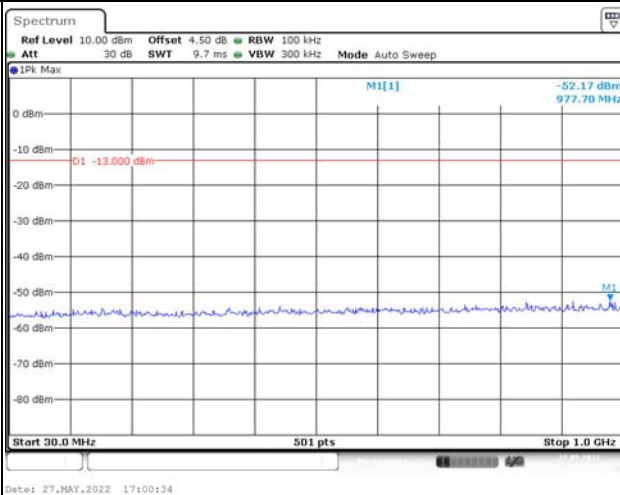
Lowest



Middle



Highest

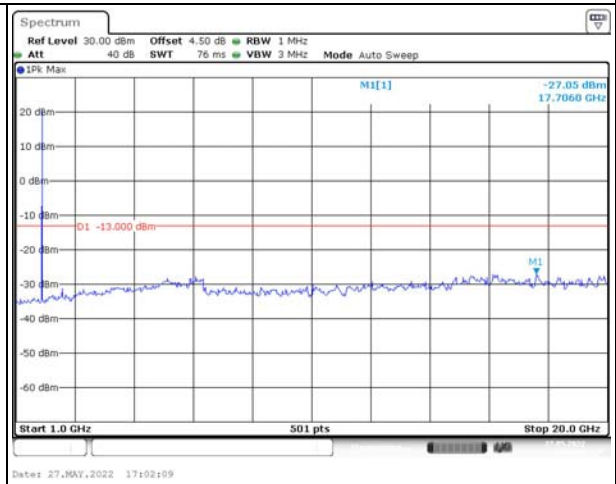
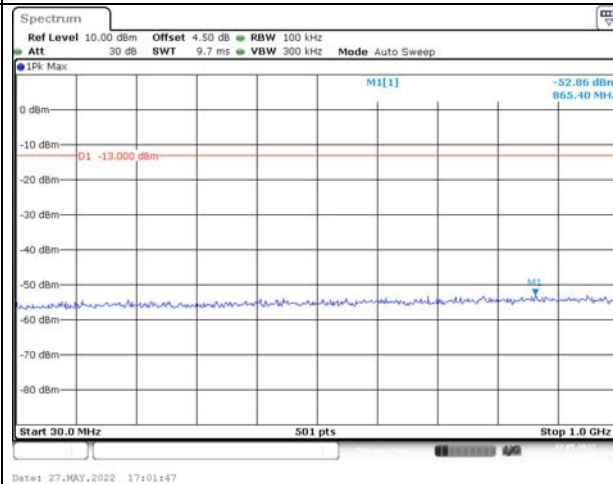


Spurious Emissions at Antenna Terminal

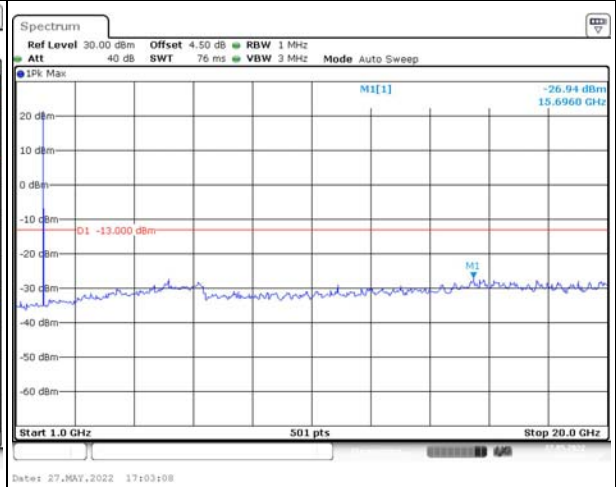
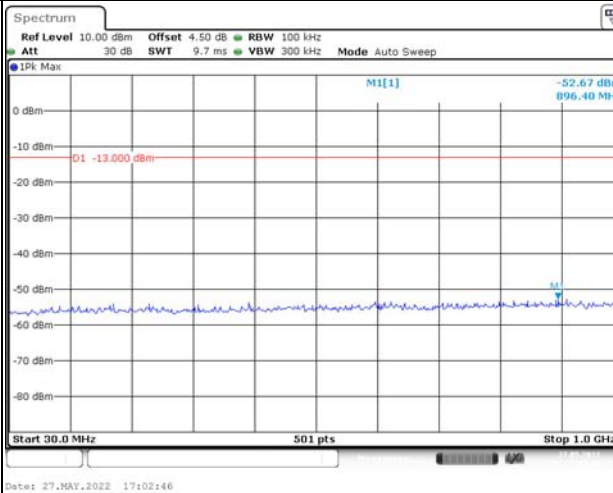
Channel

3MHz Bandwidth QPSK

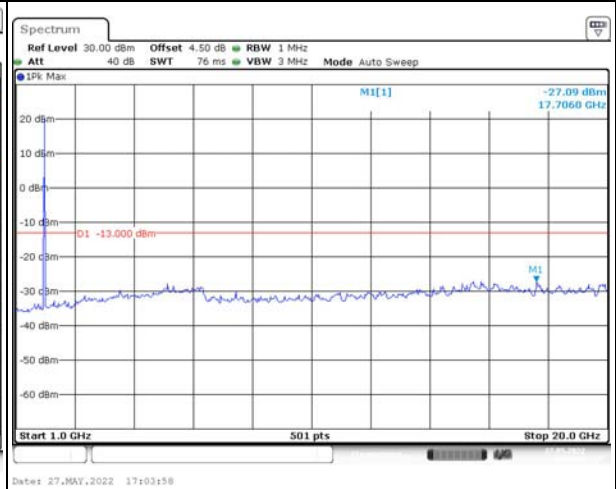
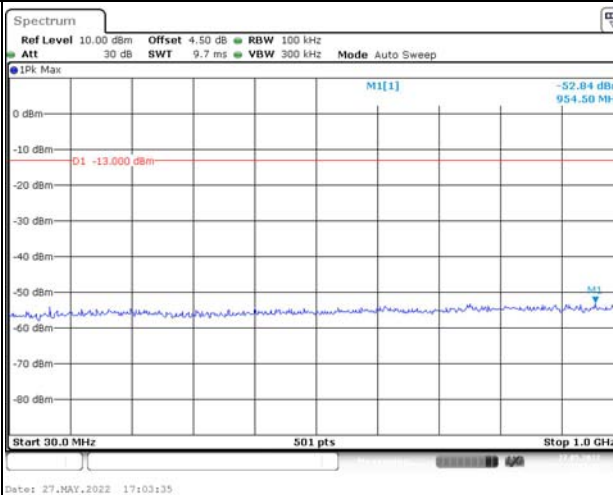
Lowest



Middle



Highest

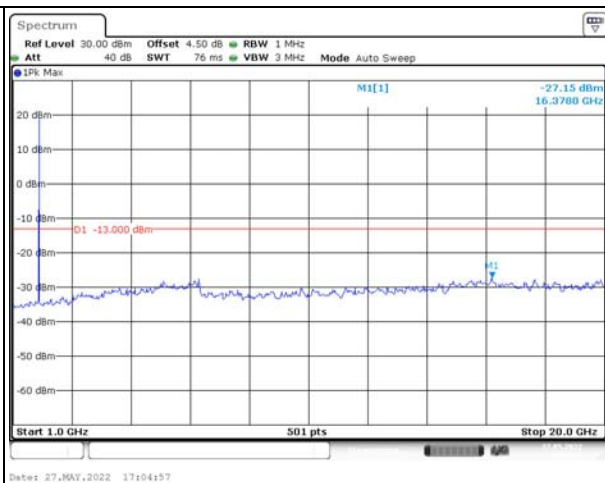
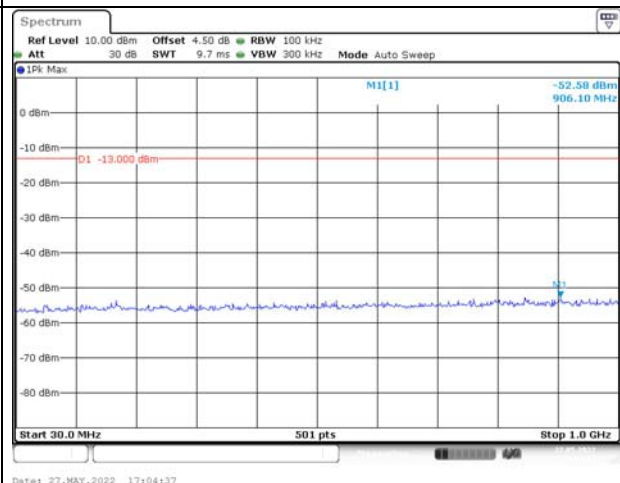


Spurious Emissions at Antenna Terminal

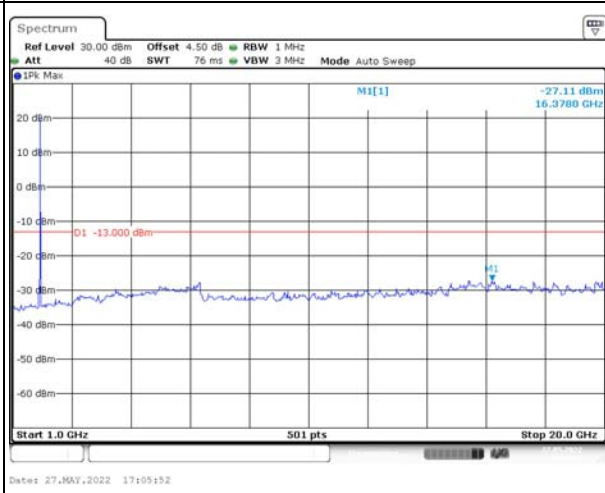
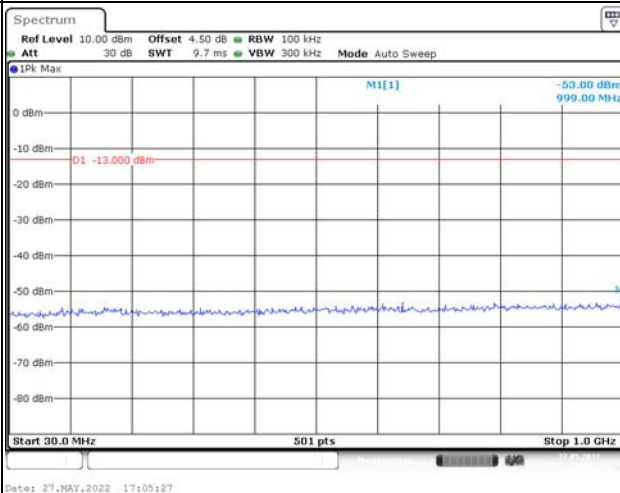
Channel

5MHz Bandwidth QPSK

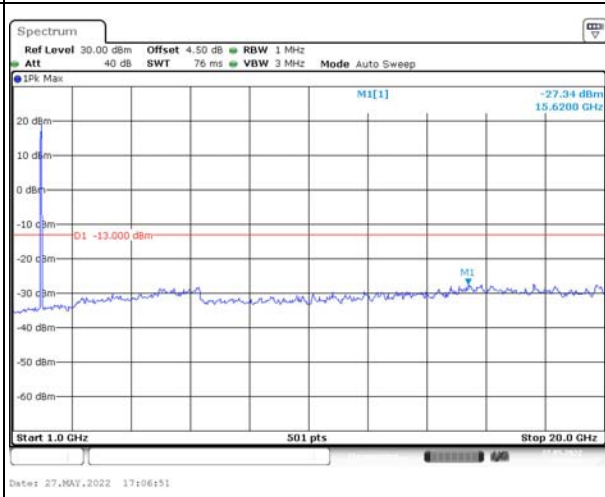
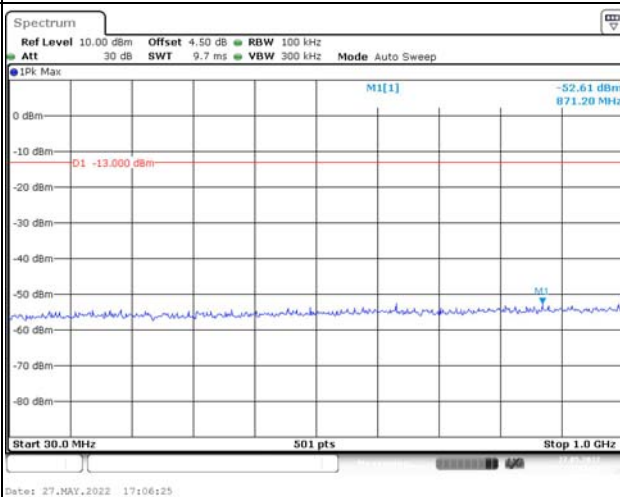
Lowest



Middle



Highest

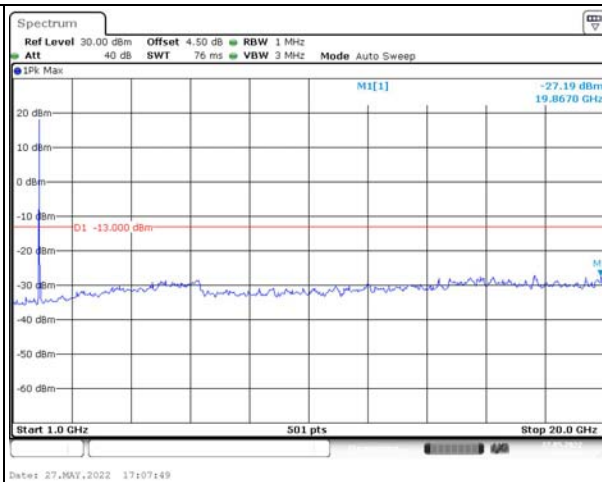
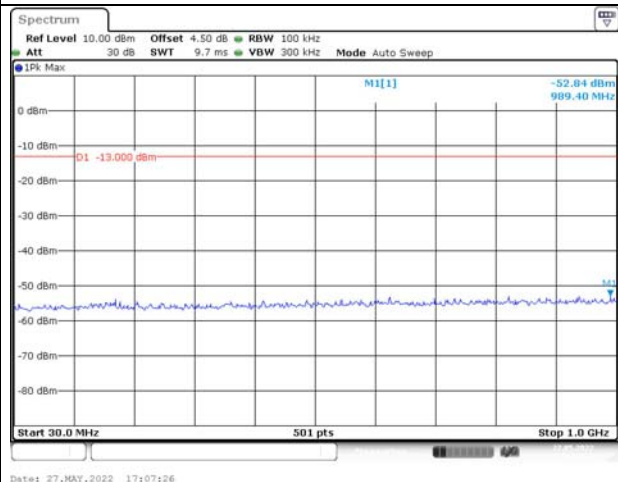


Spurious Emissions at Antenna Terminal

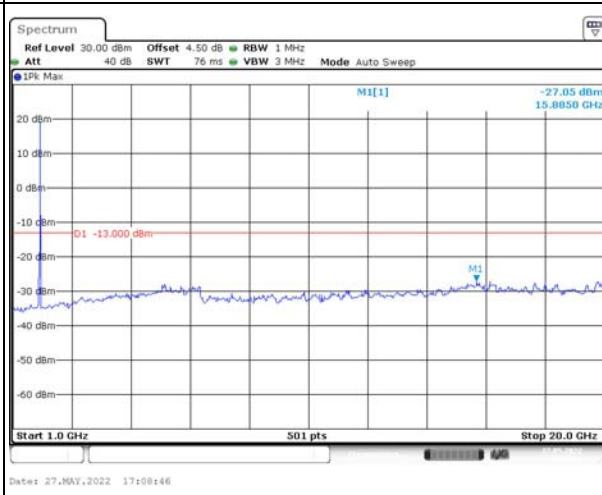
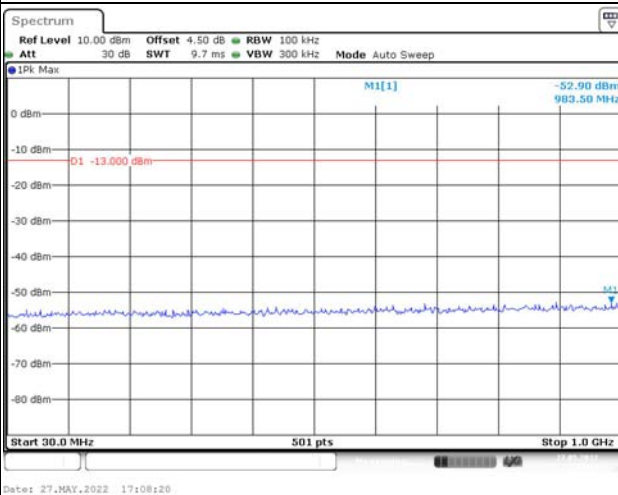
Channel

10MHz Bandwidth QPSK

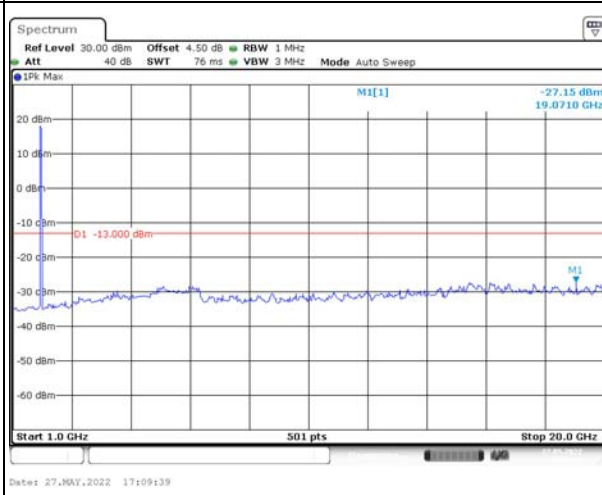
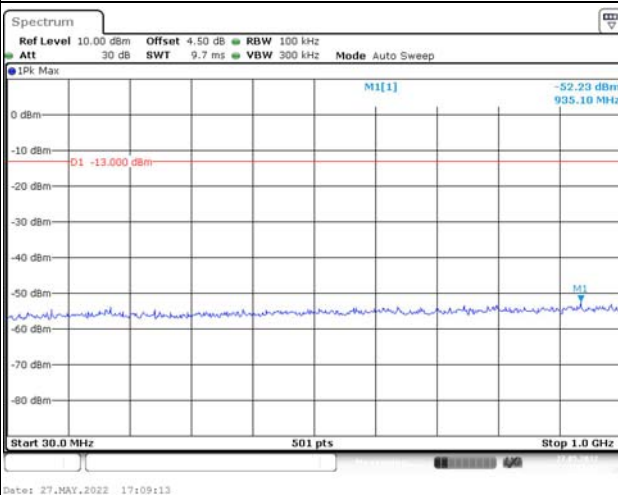
Lowest



Middle



Highest

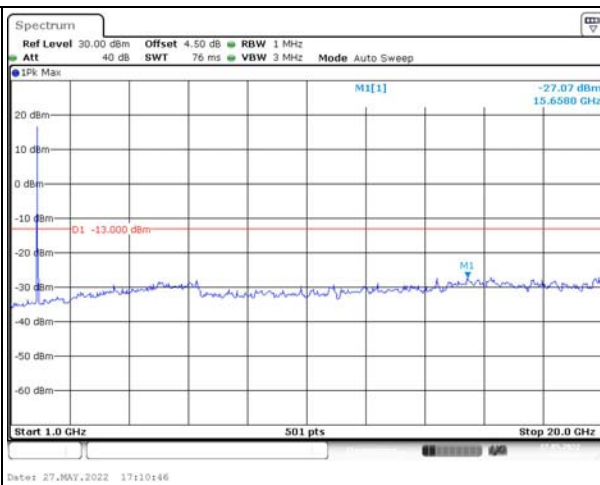
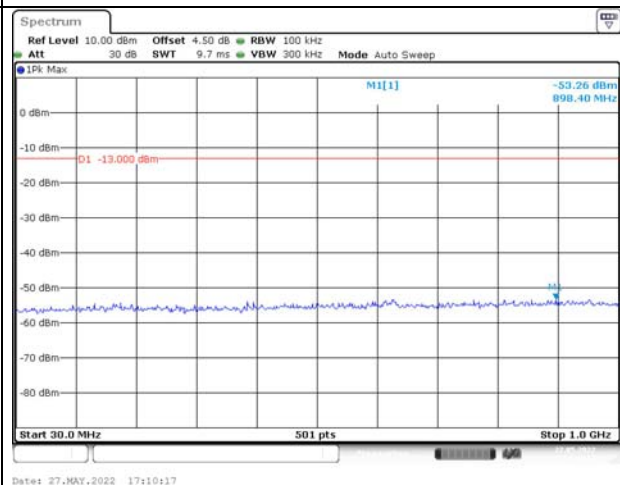


Spurious Emissions at Antenna Terminal

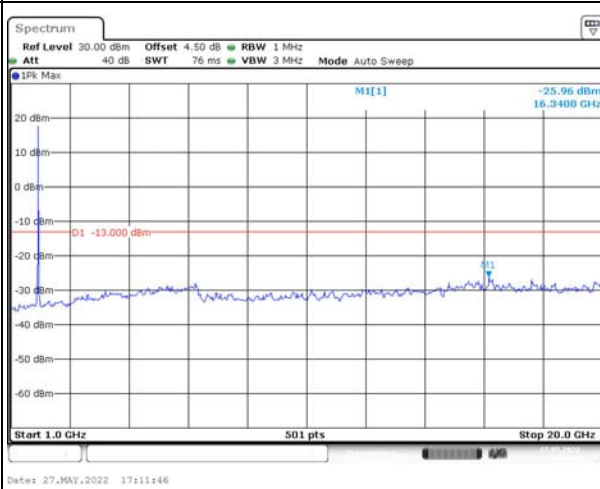
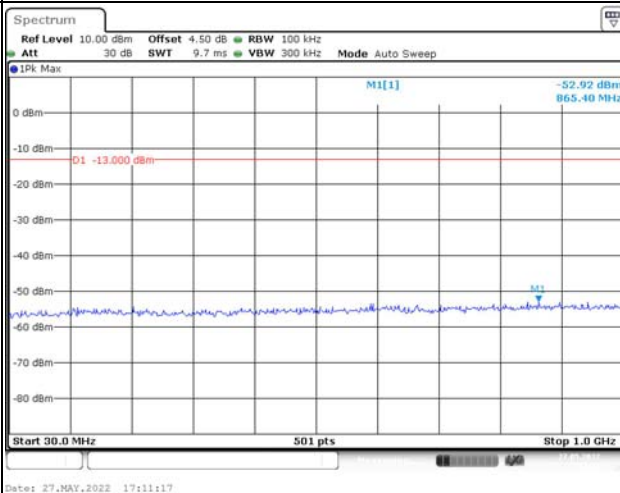
Channel

15MHz Bandwidth QPSK

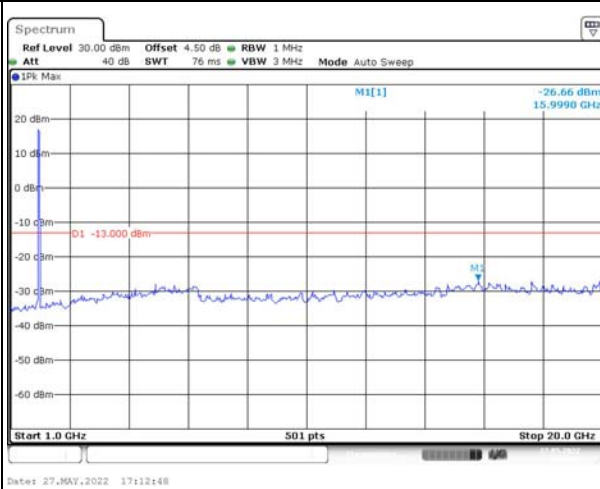
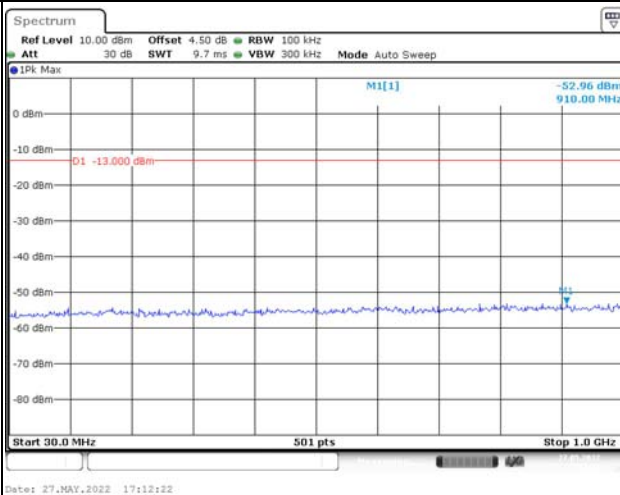
Lowest



Middle



Highest

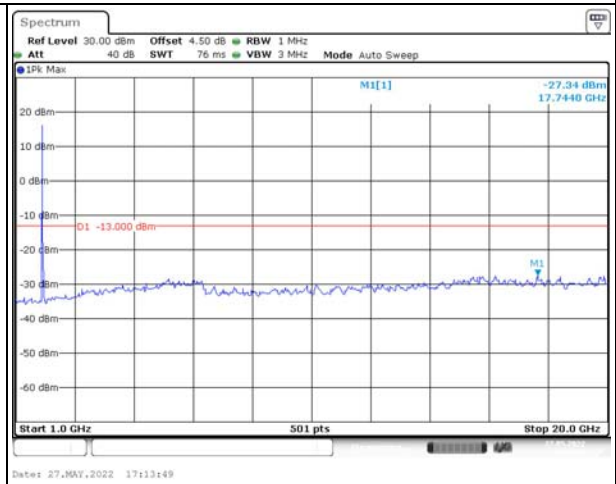
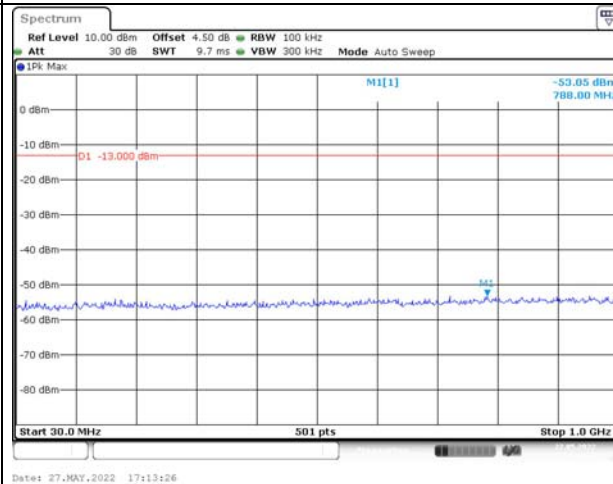


Spurious Emissions at Antenna Terminal

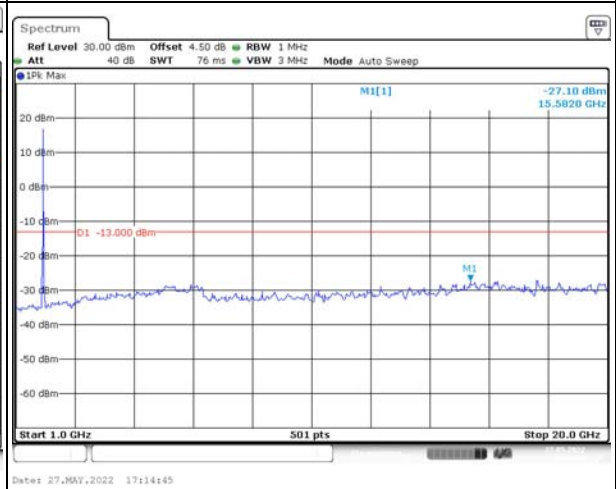
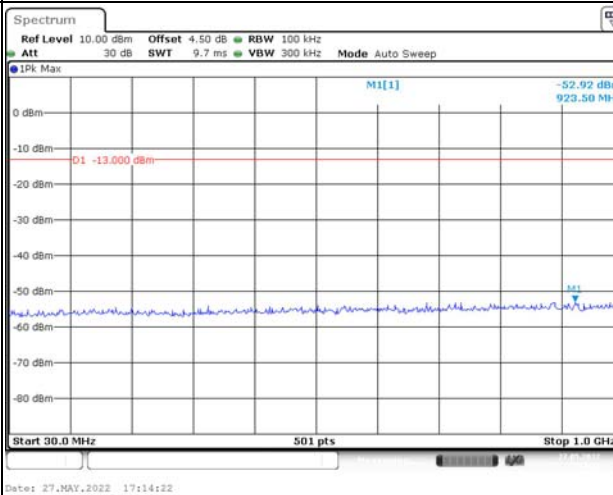
Channel

20MHz Bandwidth QPSK

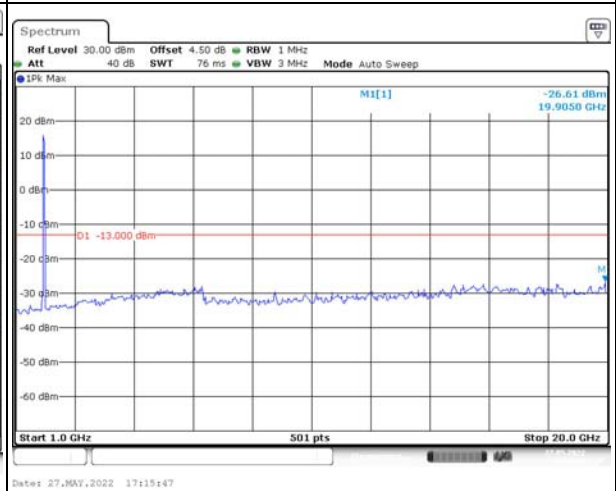
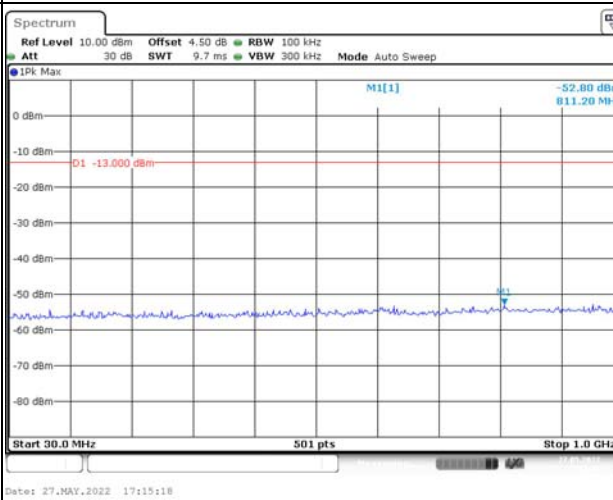
Lowest



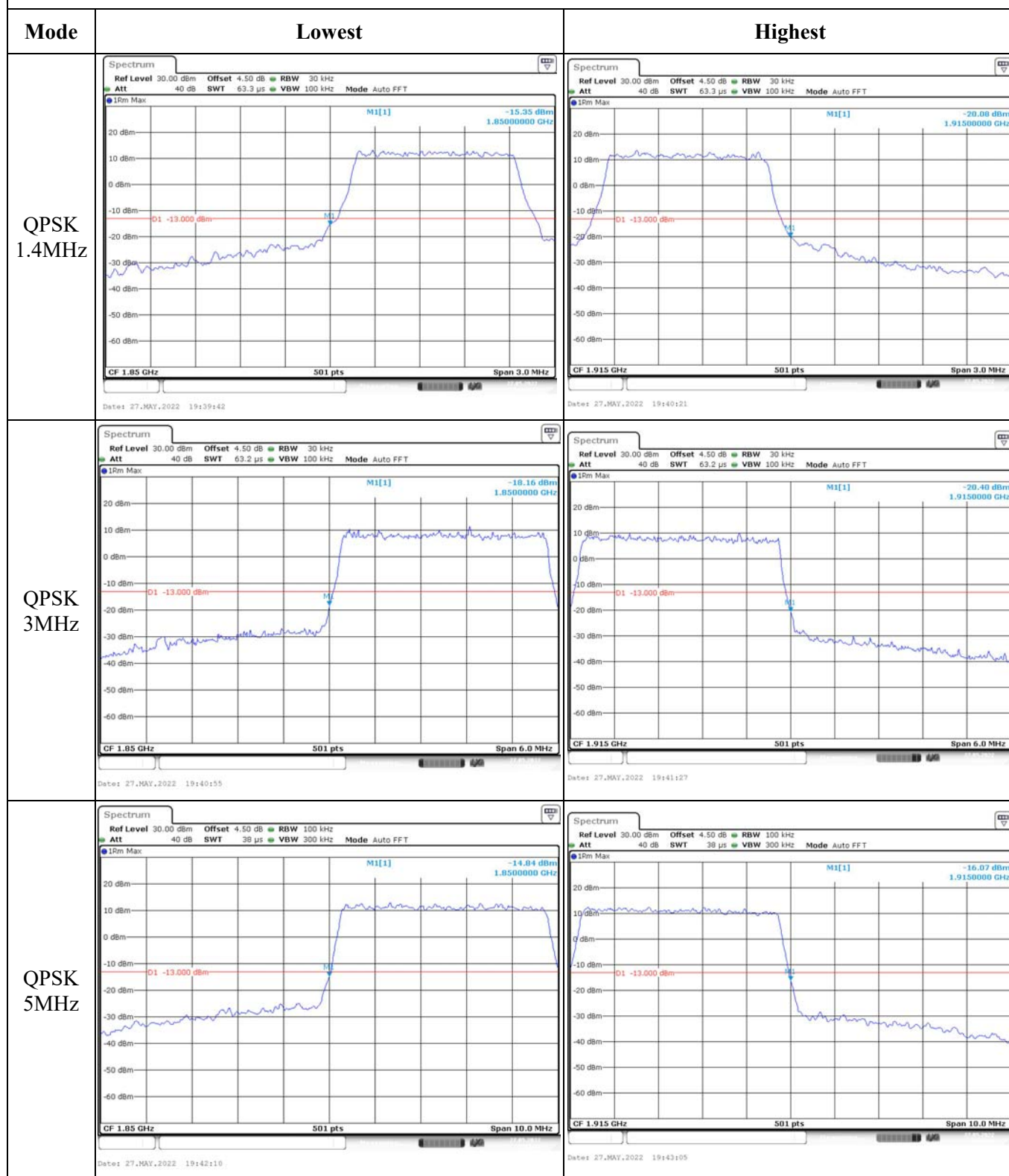
Middle



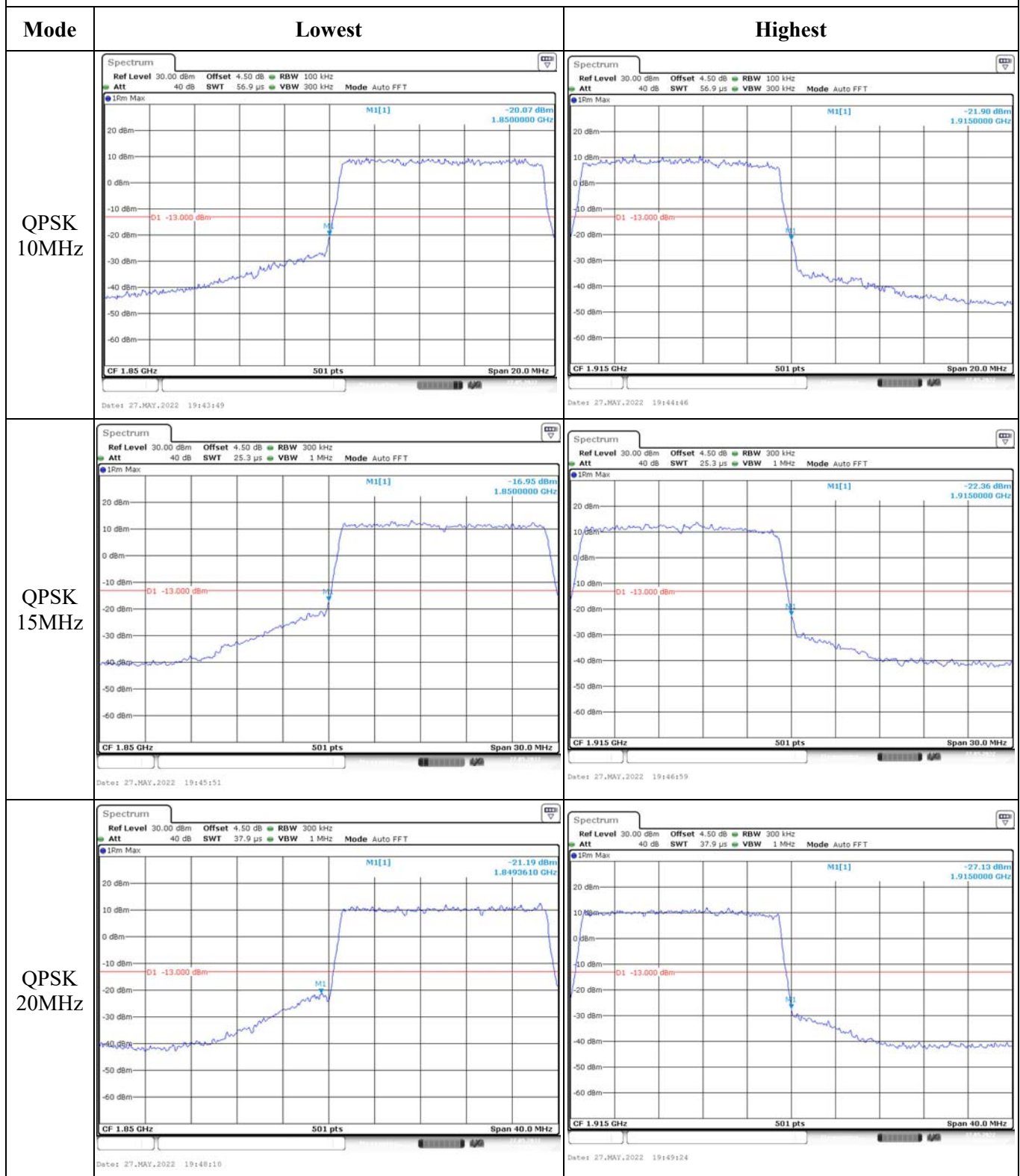
Highest



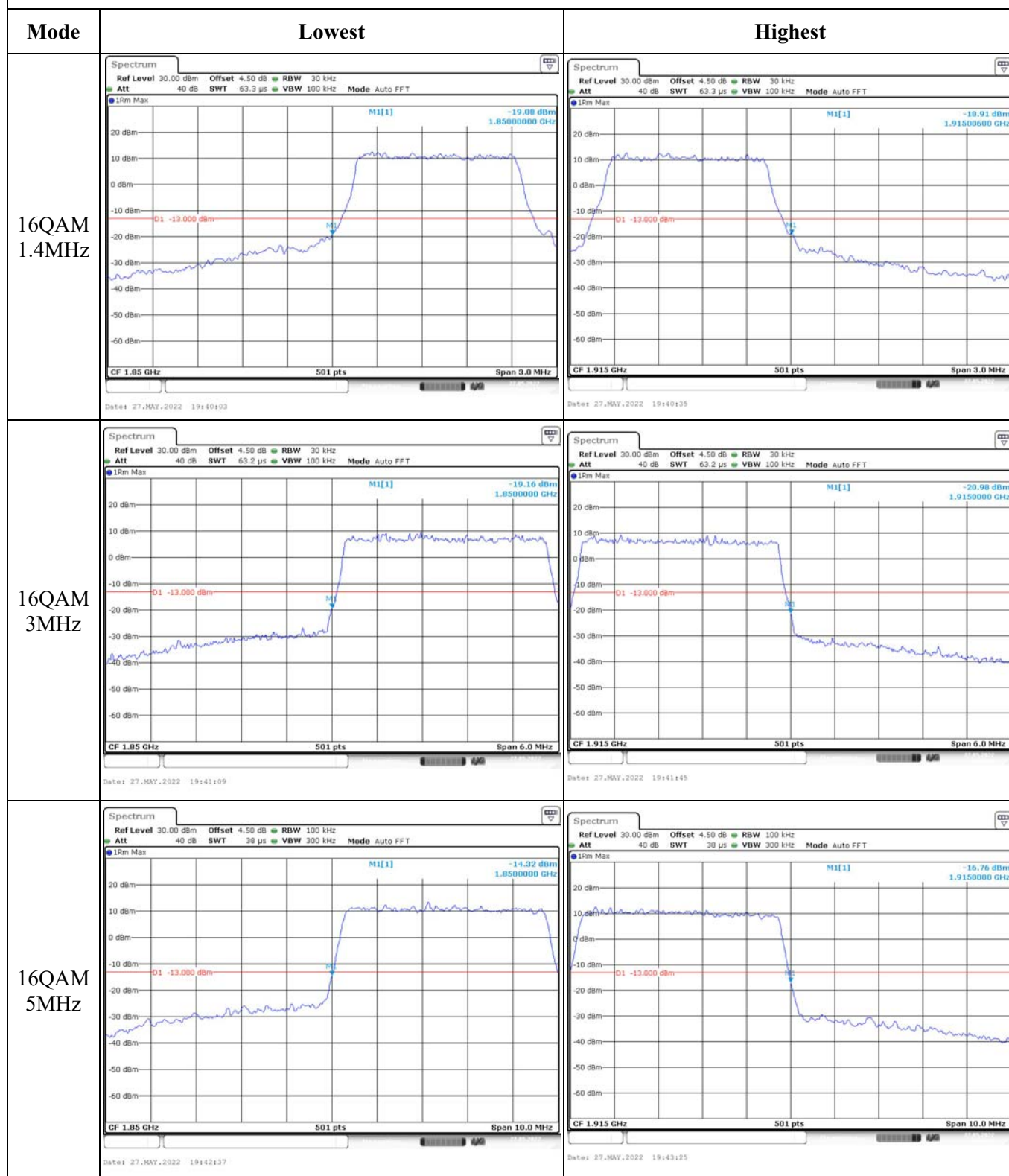
Out of band emission, Band Edge



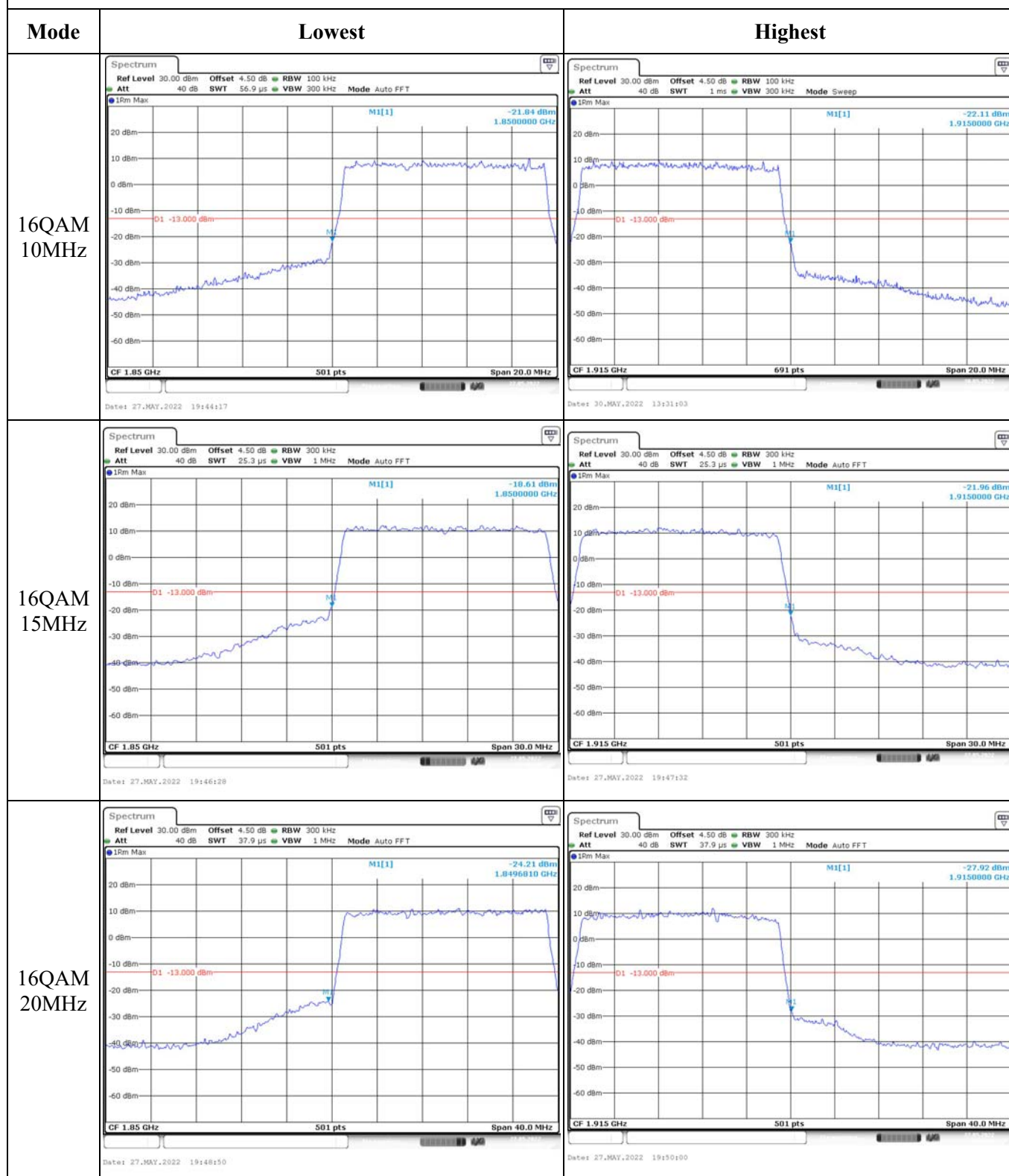
Out of band emission, Band Edge



Out of band emission, Band Edge



Out of band emission, Band Edge



4.7 Antenna Port Test Data and Results for LTE Band 26

Serial Number:	CR22030086-RF-S1/3	Test Date:	2022-05-27~2022-06-02
Test Site:	RF	Test Mode:	Transmitting
Tester:	Ada Yan	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.1	Relative Humidity: (%)	66	ATM Pressure: (kPa)	100.1
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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	2021-10-10	2022-10-09
zhuoxiang	Coaxial Cable	SMA-178	211001	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554403	Each time	N/A
R&S	Wideband Radio	CMW500	110479	2021-10-26	2022-10-25
Weinschel	Coaxial Attenuator	53-20-34	LN751	Each time	N/A
BACL	TEMP&HUMI Test Chamber	BTH-150	30026	2021-07-22	2022-07-21
UNI-T	Multimeter	UT39A+	C210582554	2021-07-22	2022-07-21
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 26▲:

Antenna Gain (dBi):	-2	Antenna Gain (dBd):	-4.15	Cable Loss (dB):	0
Operation Voltage(V _{DC}):					
Lowest:	3.5	Normal:	3.8	Highest:	4.35

Test Frequency For Each Mode:

Operation Bandwidth	Lowest Frequency (MHz)	Middle Frequency (MHz)	Highest Frequency (MHz)
1.4MHz	814.7	831.5	848.3
3MHz	815.5	831.5	847.5
5MHz	816.5	831.5	846.5
10MHz	819	831.5	844
15MHz	821.5	831.5	841.5

Test Data:**FCC§2.1046;§ 22.913 (a),§ 90.542****RF Output Power:**

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	21.81	22.15	22.18	18.36	38.45
	RB1#3	21.95	22.15	22.38		
	RB1#5	22.08	22.06	22.51		
	RB3#0	21.82	22.17	22.41		
	RB3#3	21.9	22.19	22.31		
	RB6#0	20.98	21.35	21.4		
1.4MHz 16QAM	RB1#0	20.99	21.86	21.61	17.96	38.45
	RB1#3	21.32	22.11	21.53		
	RB1#5	21.31	22.03	21.27		
	RB3#0	20.91	21.28	21.43		
	RB3#3	20.98	21.41	21.53		
	RB6#0	20.09	20.32	20.23		
3MHz QPSK	RB1#0	21.77	22.21	22.15	18.13	38.45
	RB1#8	21.98	22.27	22.07		
	RB1#14	22.06	22.28	22.16		
	RB6#0	20.8	21.24	21.44		
	RB6#9	21	21.36	21.24		
	RB15#0	20.88	21.32	21.39		
3MHz 16QAM	RB1#0	21.3	21.48	21.39	17.77	38.45
	RB1#8	21.36	21.57	20.94		
	RB1#14	21.21	21.92	20.76		
	RB6#0	20	20.46	20.51		
	RB6#9	20.2	20.57	20.28		
	RB15#0	19.93	20.17	20.41		
5MHz QPSK	RB1#0	21.52	21.98	22.08	18.11	38.45
	RB1#13	22	22.16	22.11		
	RB1#24	21.73	22.19	22.26		
	RB15#0	20.83	21.21	21.45		
	RB15#10	21.07	21.25	21.26		
	RB25#0	20.91	21.23	21.39		
5MHz 16QAM	RB1#0	20.36	21.38	21.15	17.44	38.45
	RB1#13	20.59	21.37	20.98		
	RB1#24	20.63	21.59	21.04		
	RB15#0	19.69	19.96	20.55		
	RB15#10	19.93	20.02	20.18		
	RB25#0	19.81	20	20.29		

Test Bandwidth & Modulation	Resource Block & RB offset	Conducted Average Output Power(dBm)			Maximum ERP (dBm)	ERP Limit (dBm)
		Lowest Channel	Middle Channel	Highest Channel		
10MHz QPSK	RB1#0	21.73	22.01	22.37	18.36	38.45
	RB1#25	22.27	22.37	22.51		
	RB1#49	22.03	22.28	22.32		
	RB25#0	21.01	21.24	21.45		
	RB25#25	20.96	21.35	21.36		
	RB50#0	21.03	21.27	21.43		
10MHz 16QAM	RB1#0	21.34	21.45	21.4	17.62	38.45
	RB1#25	21.77	21.66	21.45		
	RB1#49	21.45	21.74	20.87		
	RB25#0	20.03	20.18	20.57		
	RB25#25	19.95	20.33	20.29		
	RB50#0	20.06	20.32	20.42		
15MHz QPSK	RB1#0	21.75	21.98	22.09	18.12	38.45
	RB1#38	21.98	22.08	22.22		
	RB1#74	22.09	22.27	22.15		
	RB36#0	21.06	21.17	21.39		
	RB36#39	21.13	21.39	21.42		
	RB75#0	21.04	21.29	21.34		
15MHz 16QAM	RB1#0	21.22	21.38	21.46	18.15	38.45
	RB1#38	21.3	21.7	21.42		
	RB1#74	21.47	22.3	20.72		
	RB36#0	19.99	20.11	20.33		
	RB36#39	19.91	20.35	20.26		
	RB75#0	20.16	20.26	20.36		
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	
15MHz QPSK	RB1#0	3.8	3.8	3.74	13
	RB75#0	5.04	5.04	4.93	13
15MHz 16QAM	RB1#0	4.78	4.78	4.7	13
	RB75#0	6.06	5.97	5.91	13
Result:					Pass

FCC §2.1049, §22.905, §90.209: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	1.102	1.108	1.108	1.308	1.314	1.29
1.4MHz 16QAM	1.108	1.096	1.102	1.32	1.296	1.308
3MHz QPSK	2.695	2.695	2.683	2.94	2.94	2.964
3MHz 16QAM	2.695	2.683	2.683	2.976	2.952	2.952
5MHz QPSK	4.531	4.511	4.511	5.06	5.04	5.02
5MHz 16QAM	4.511	4.531	4.551	5.02	5.04	5.06
10MHz QPSK	8.942	8.942	8.942	9.8	9.76	9.76
10MHz 16QAM	8.942	8.942	8.981	9.72	9.68	9.76
15MHz QPSK	13.473	13.413	13.413	14.88	14.82	14.76
15MHz 16QAM	13.473	13.473	13.473	14.82	14.82	14.76
Note: The test plots please refer to the Plots of Occupied Bandwidth						

FCC §2.1051, §22.917(a),§90.543:Spurious Emissions at Antenna Terminal	
Result:	Pass, Please refer to the test plots of Spurious Emissions at Antenna Terminal.

FCC §2.1051, §22.917(a),§90.543:Out of band emission, Band Edge	
Result:	Pass, Please refer to the test plots of Out of band emission, Band Edge.

FCC §2.1055, §22.355, §90.213: Frequency Stability					
Test Mode:	15 MHz QPSK		Test Channel:	831.5	MHz
Test Item	Temperature (°C)	Voltage (V _{DC})	Frequency Error		Limit
			(Hz)	(ppm)	(ppm)
Frequency Stability vs. Temperature	-30	3.8	3	0.004	2.5
	-20	3.8	-6	-0.007	2.5
	-10	3.8	4	0.005	2.5
	0	3.8	-9	-0.011	2.5
	10	3.8	7	0.008	2.5
	20	3.8	1	0.001	2.5
	30	3.8	5	0.006	2.5
	40	3.8	2	0.002	2.5
	50	3.8	8	0.010	2.5
Frequency Stability vs. Voltage	20	3.5	3	0.004	2.5
	20	4.35	-5	-0.006	2.5
				Result:	Pass

Test Mode:	15 MHz 16QAM		Test Channel:	831.5	MHz
Test Item	Temperature (°C)	Voltage (V _{DC})	Frequency Error		Limit
			(Hz)	(ppm)	(ppm)
Frequency Stability vs. Temperature	-30	3.8	5	0.006	2.5
	-20	3.8	3	0.004	2.5
	-10	3.8	-6	-0.007	2.5
	0	3.8	9	0.011	2.5
	10	3.8	7	0.008	2.5
	20	3.8	-1	-0.001	2.5
	30	3.8	5	0.006	2.5
	40	3.8	2	0.002	2.5
	50	3.8	-6	-0.007	2.5
Frequency Stability vs. Voltage	20	3.5	3	0.004	2.5
	20	4.35	-4	-0.005	2.5
				Result:	Pass

Test Plots:

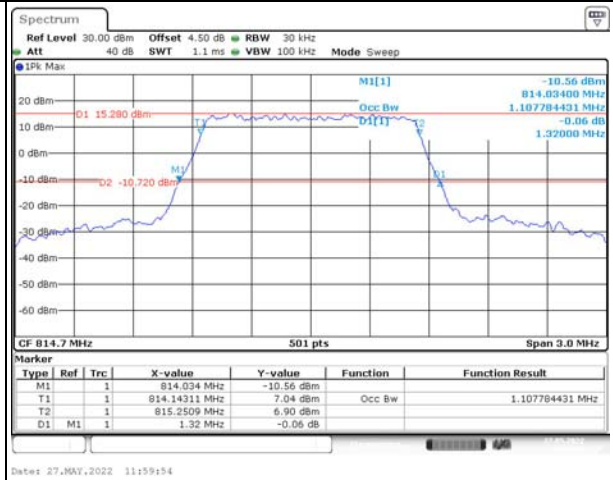
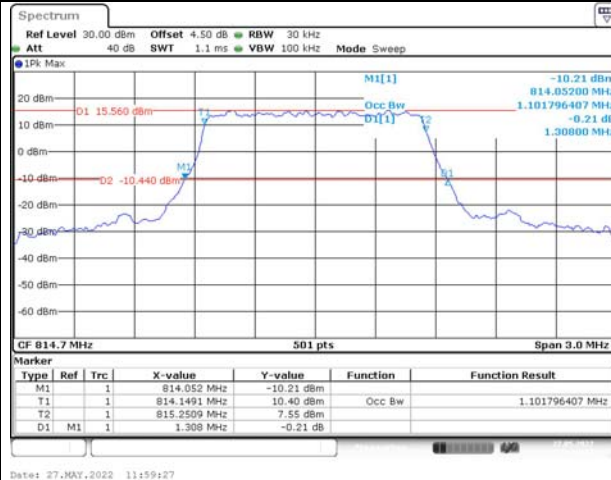
Occupied Bandwidth

Channel

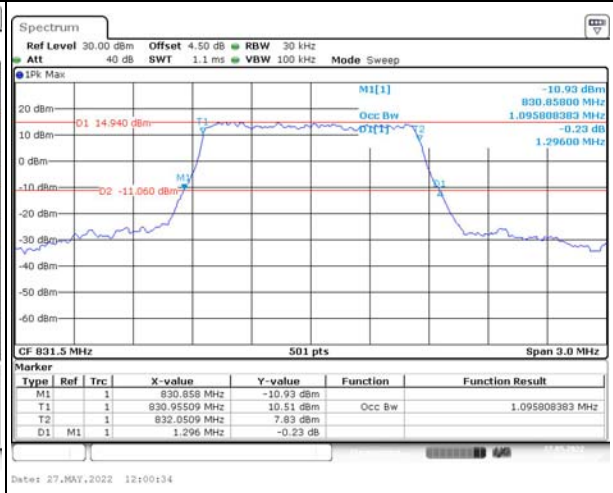
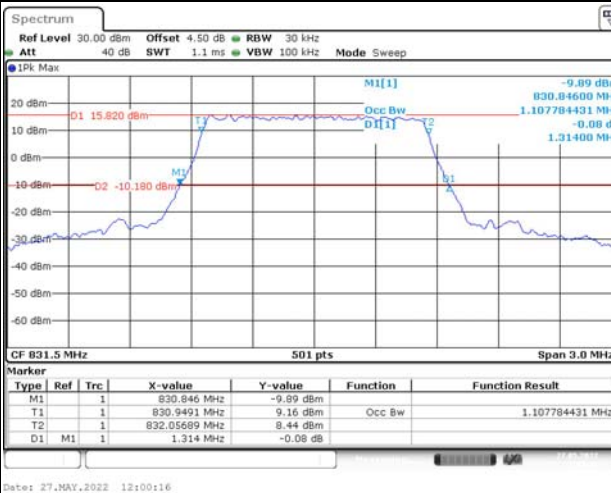
1.4MHz Bandwidth QPSK

1.4MHz Bandwidth 16QAM

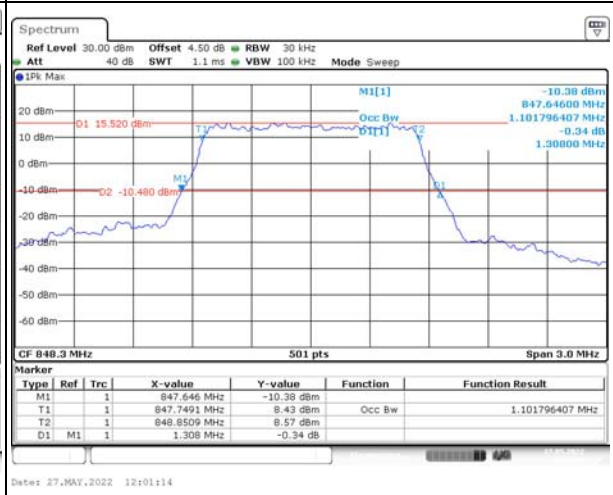
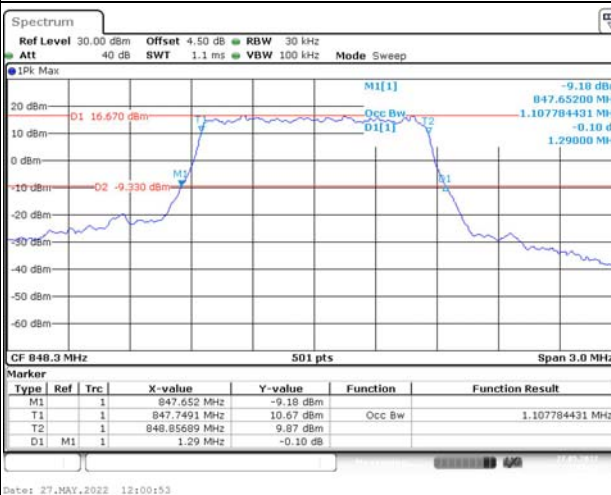
Lowest



Middle



Highest



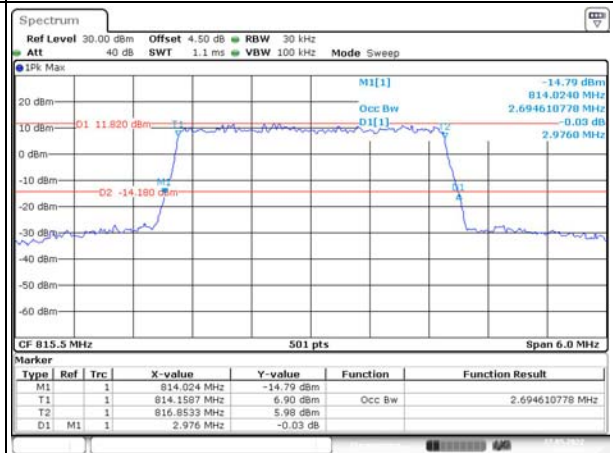
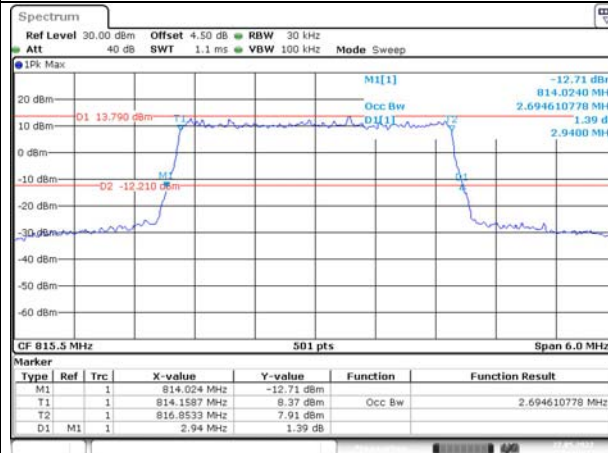
Occupied Bandwidth

Channel

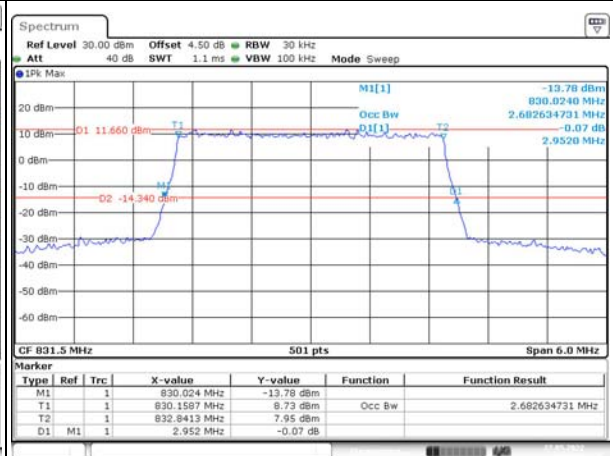
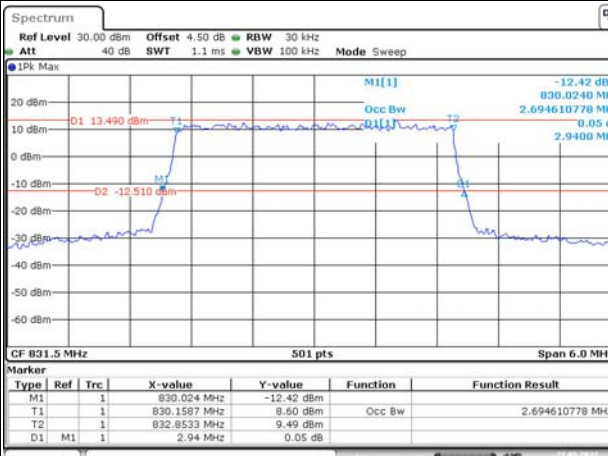
3MHz Bandwidth QPSK

3MHz Bandwidth 16QAM

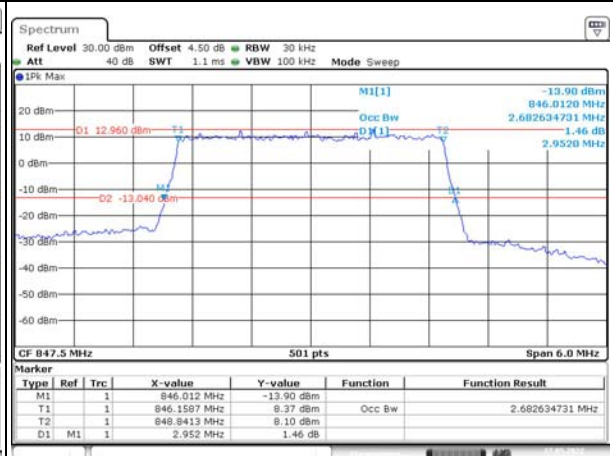
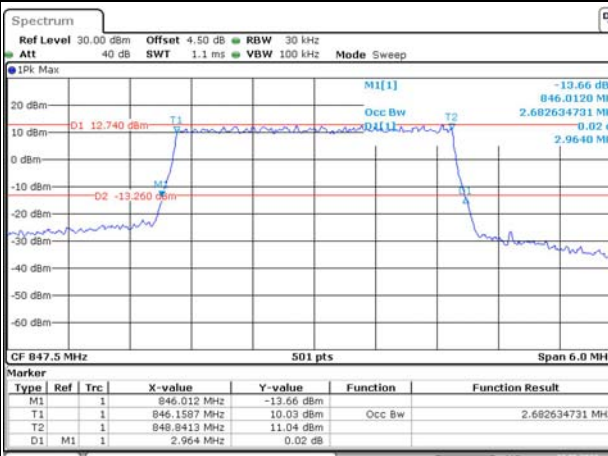
Lowest



Middle



Highest



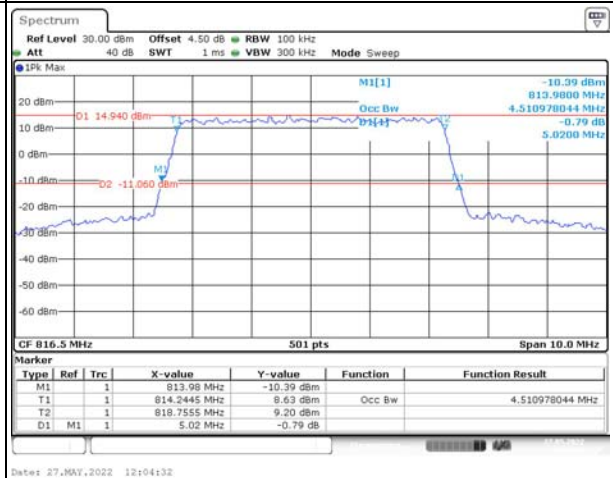
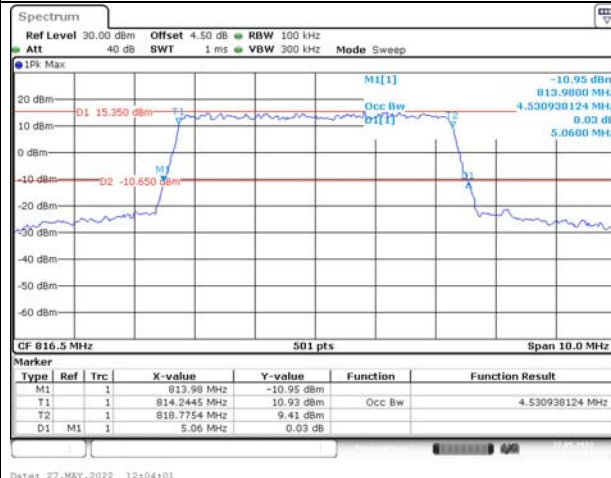
Occupied Bandwidth

Channel

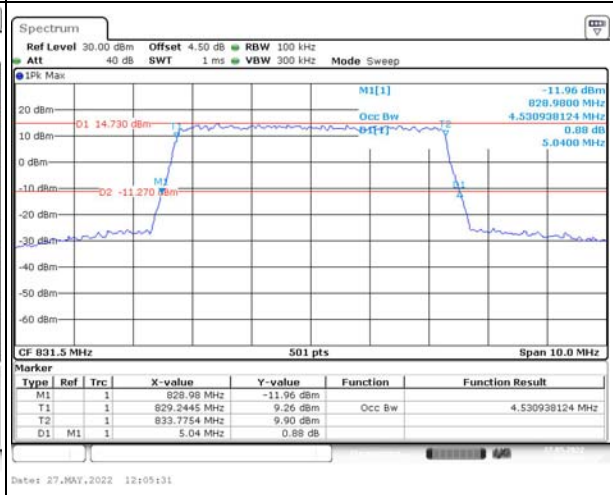
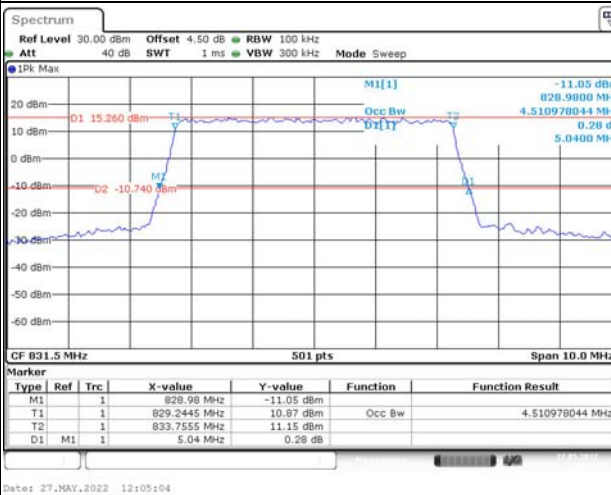
5MHz Bandwidth QPSK

5MHz Bandwidth 16QAM

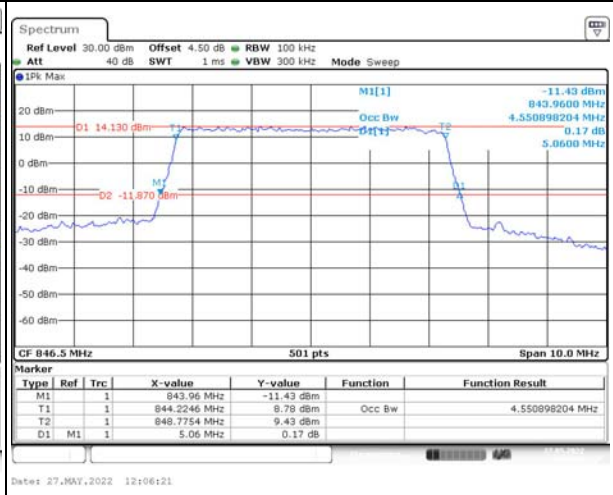
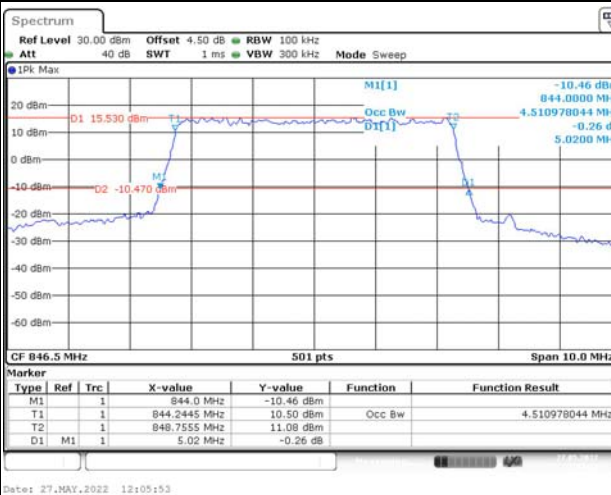
Lowest



Middle



Highest



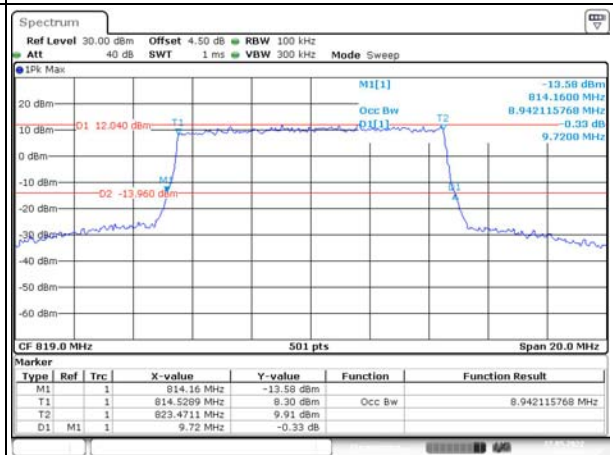
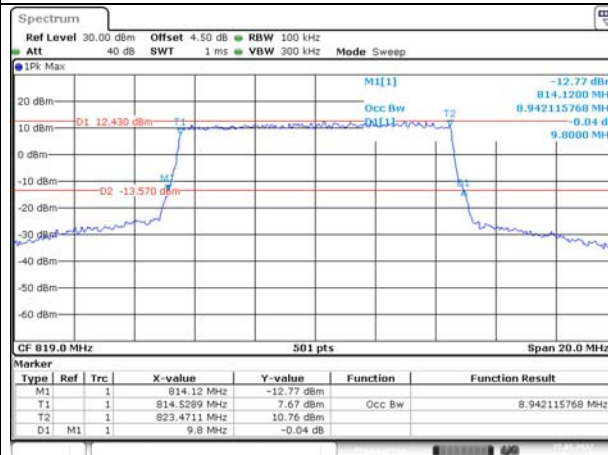
Occupied Bandwidth

Channel

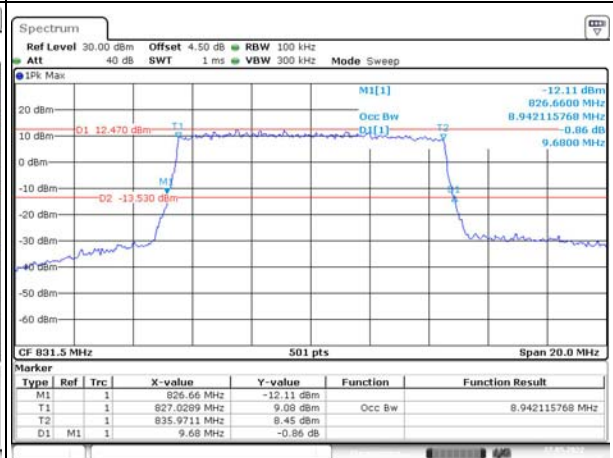
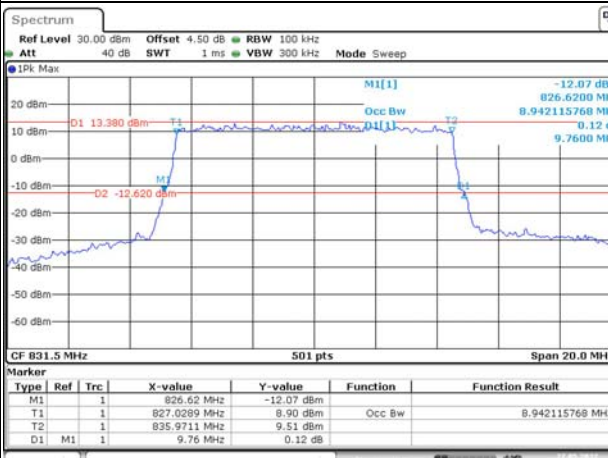
10MHz Bandwidth QPSK

10MHz Bandwidth 16QAM

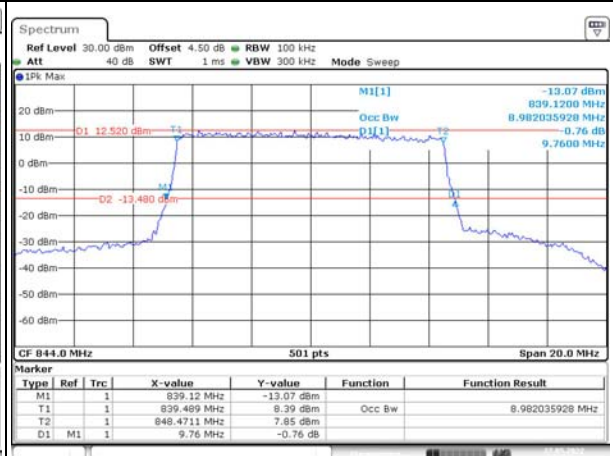
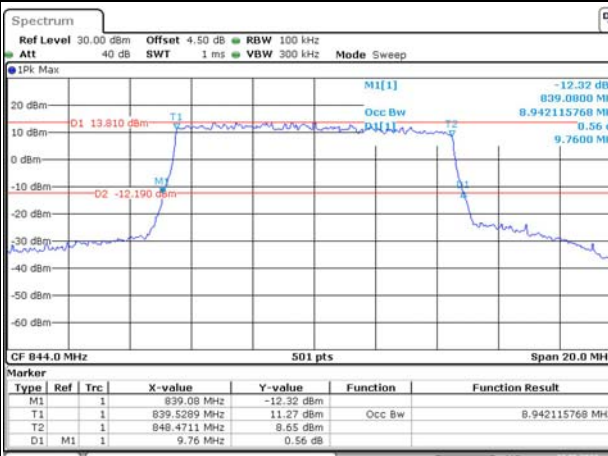
Lowest



Middle



Highest



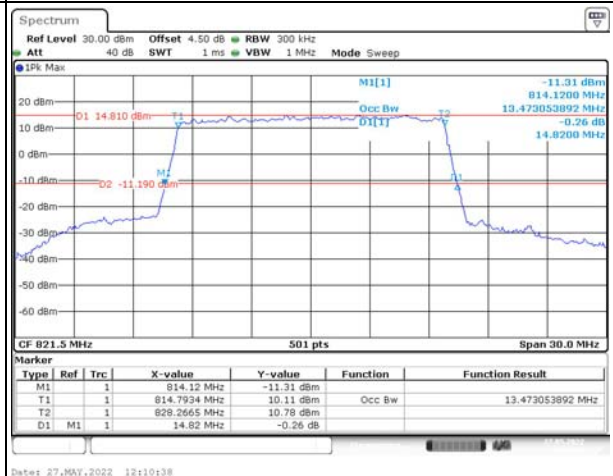
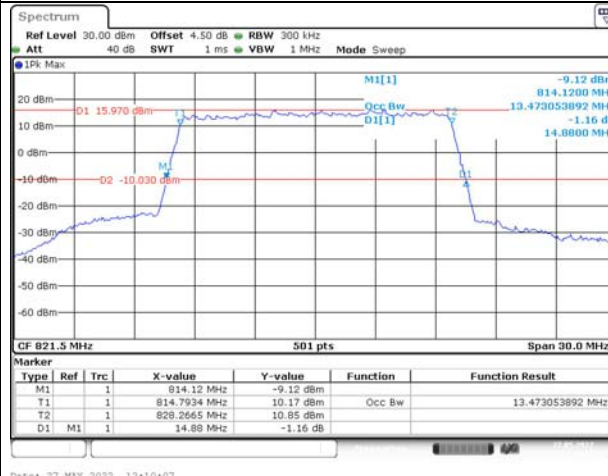
Occupied Bandwidth

Channel

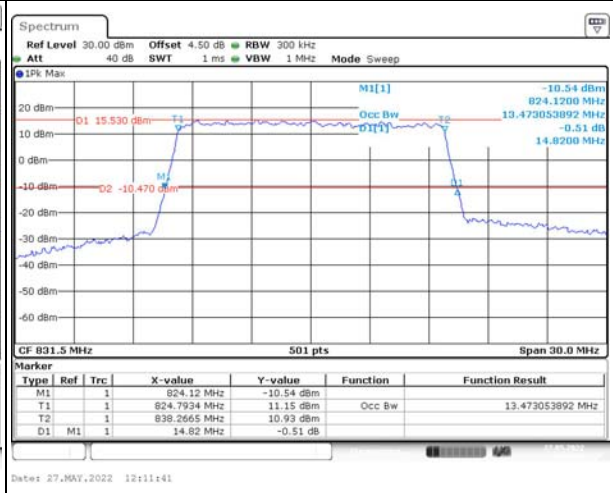
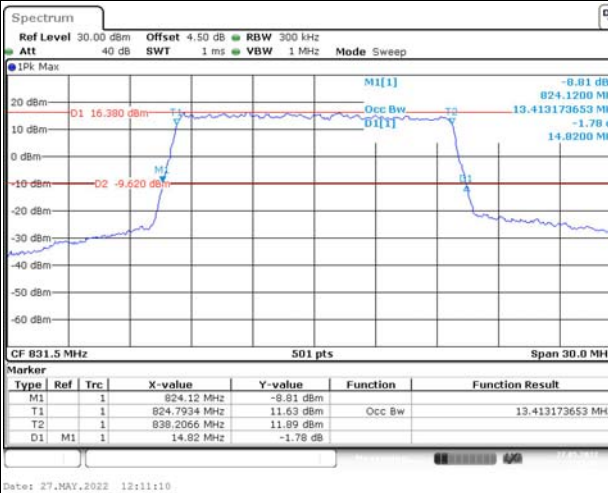
15MHz Bandwidth QPSK

15MHz Bandwidth 16QAM

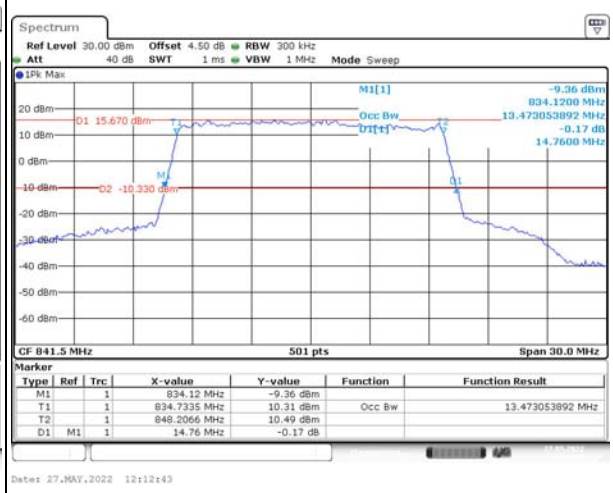
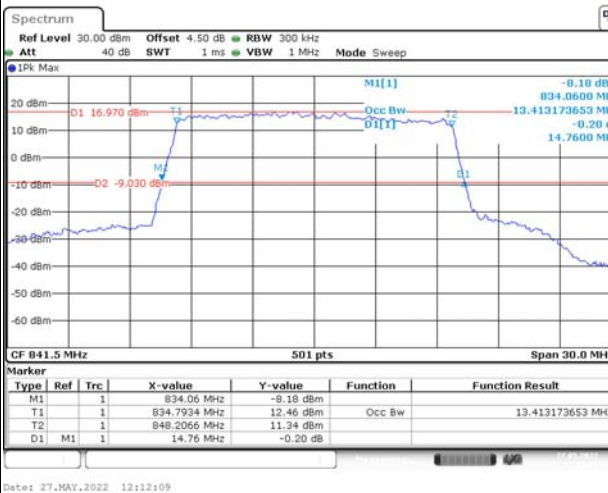
Lowest



Middle



Highest

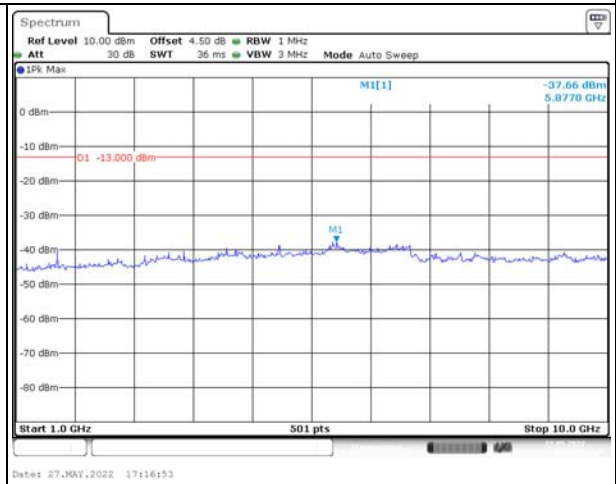
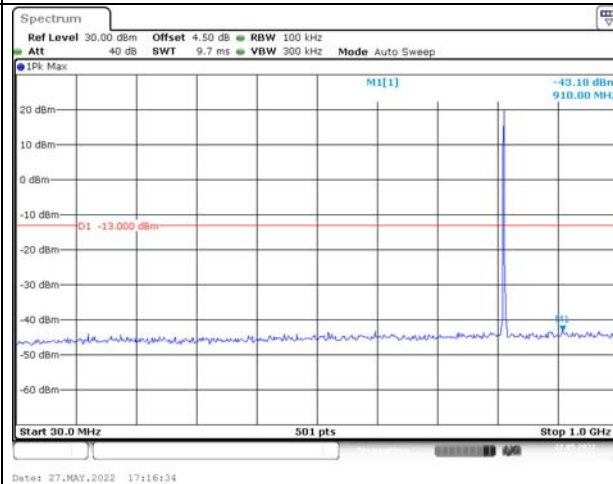


Spurious Emissions at Antenna Terminal

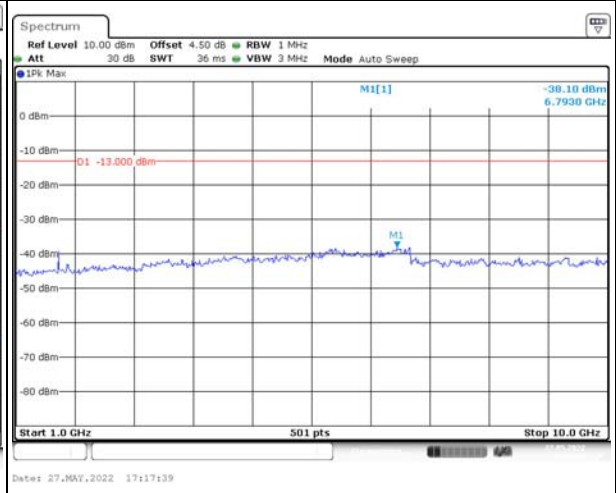
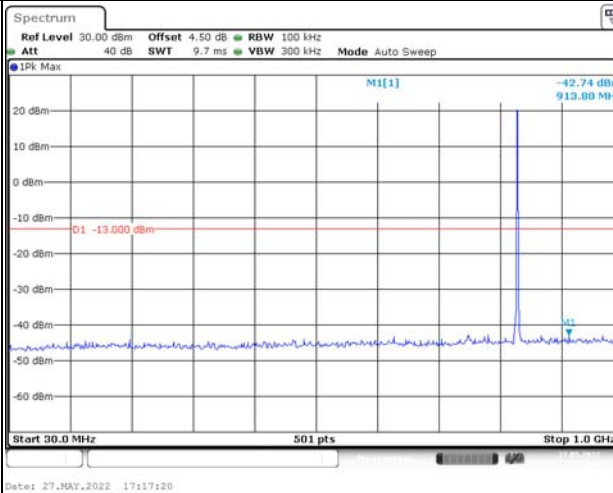
Channel

1.4MHz Bandwidth QPSK

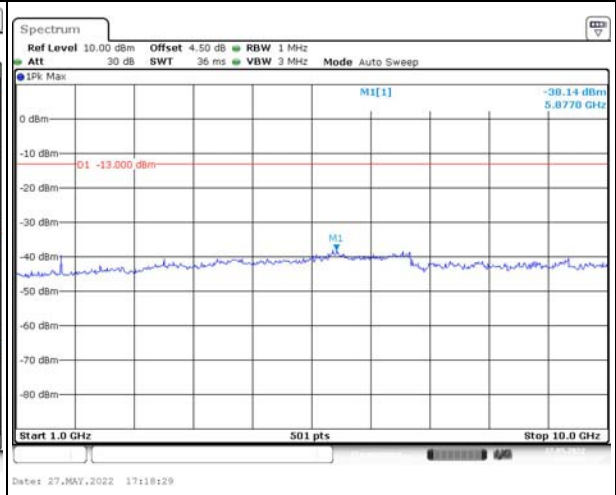
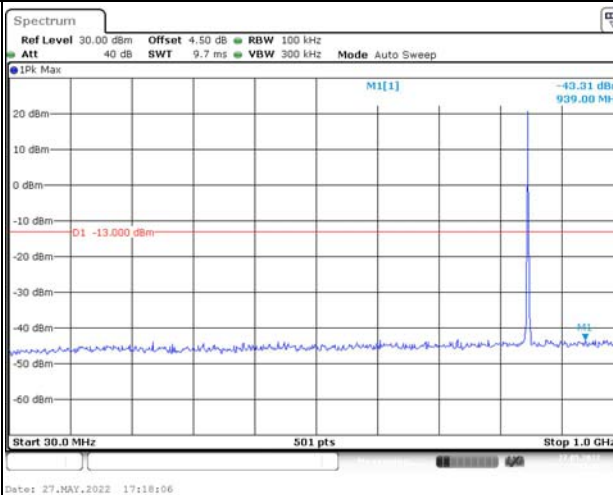
Lowest



Middle



Highest

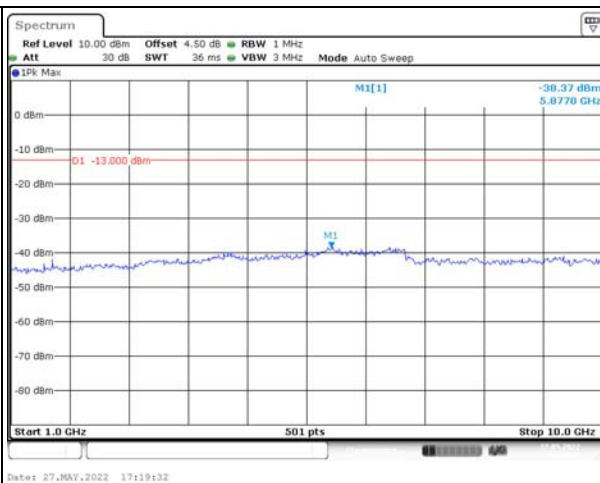
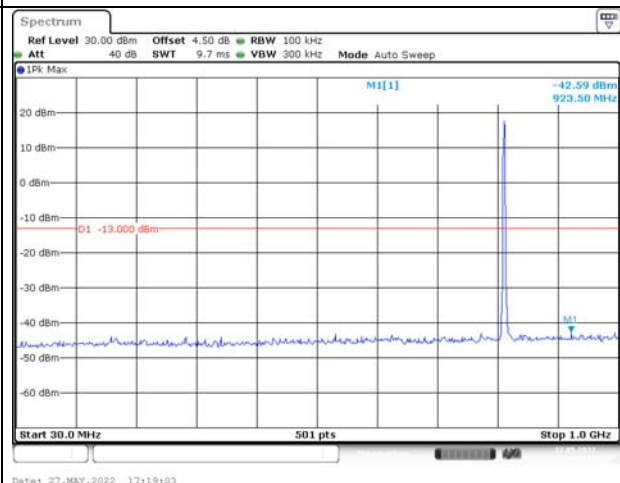


Spurious Emissions at Antenna Terminal

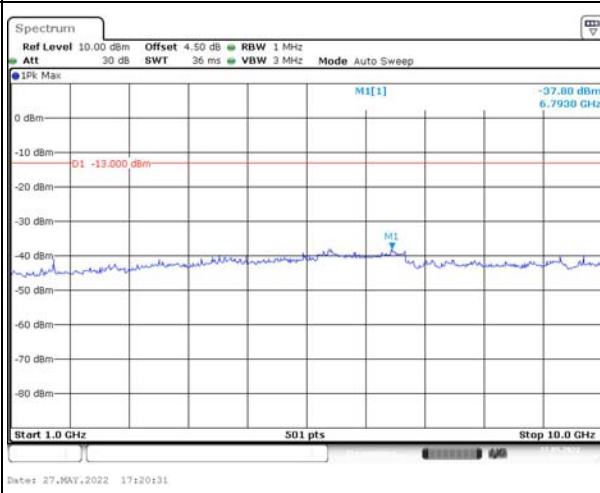
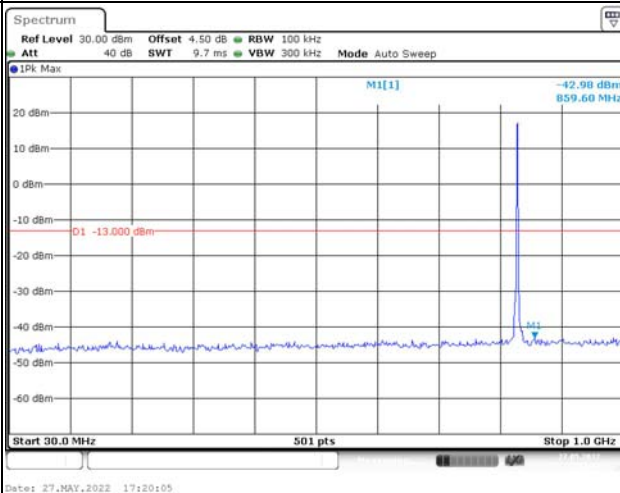
Channel

3MHz Bandwidth QPSK

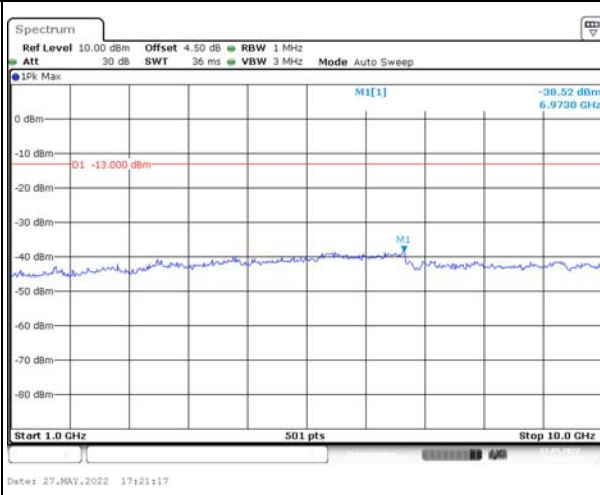
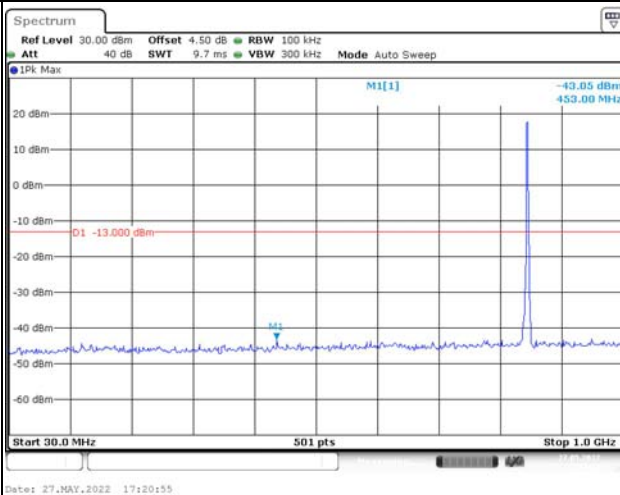
Lowest



Middle



Highest

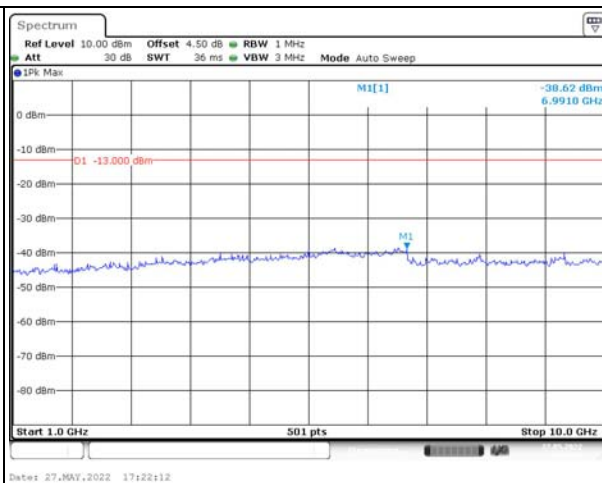
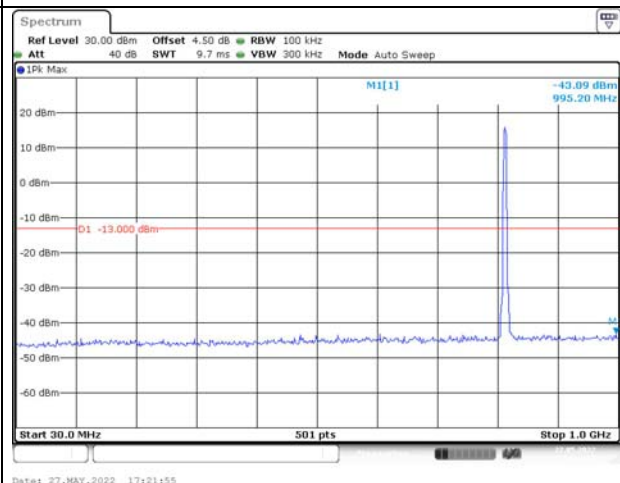


Spurious Emissions at Antenna Terminal

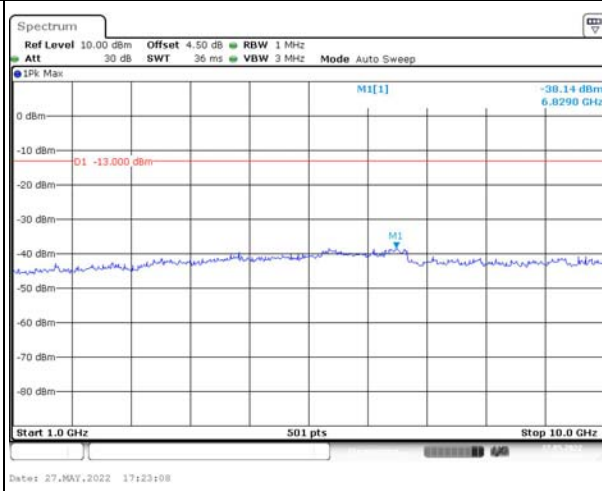
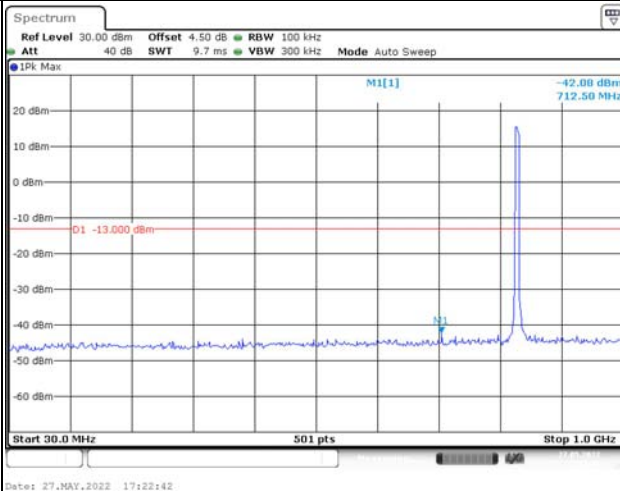
Channel

5MHz Bandwidth QPSK

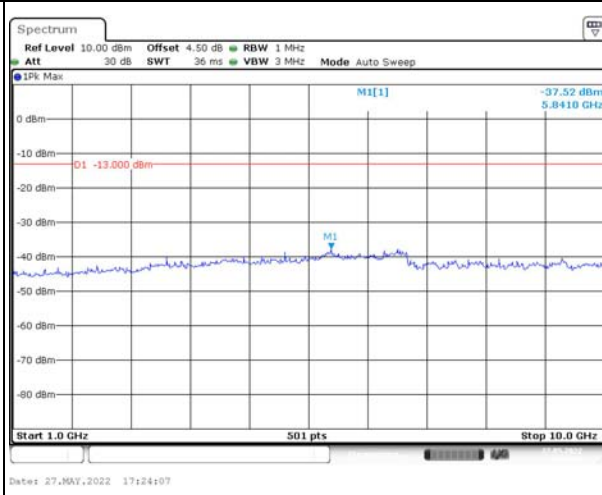
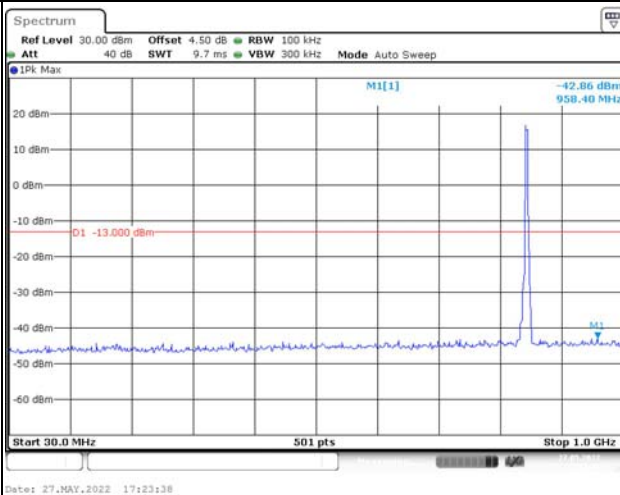
Lowest



Middle



Highest

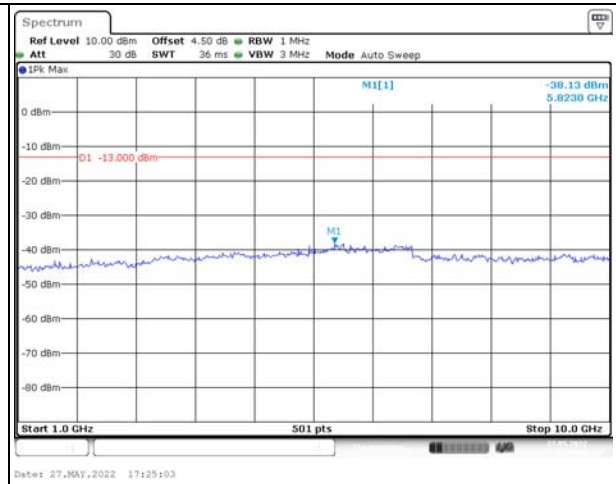
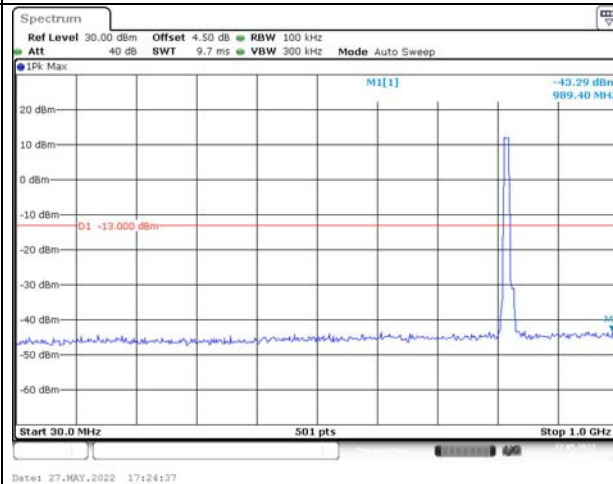


Spurious Emissions at Antenna Terminal

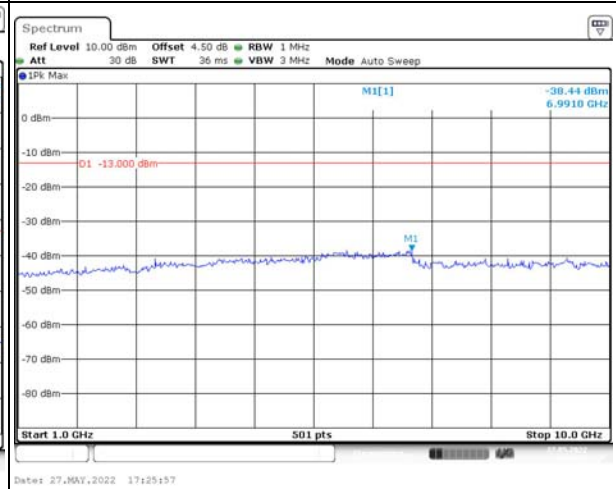
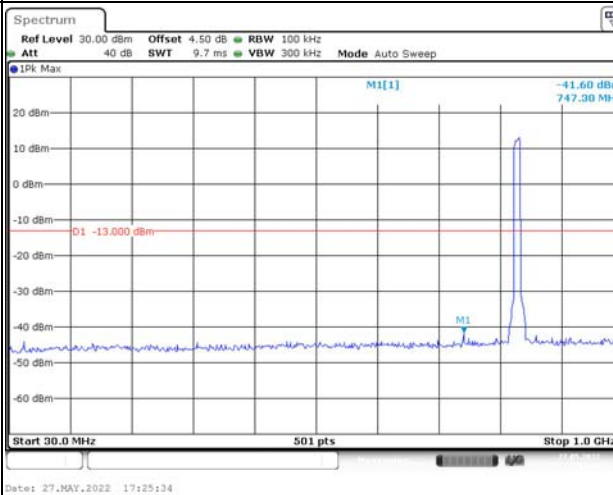
Channel

10MHz Bandwidth QPSK

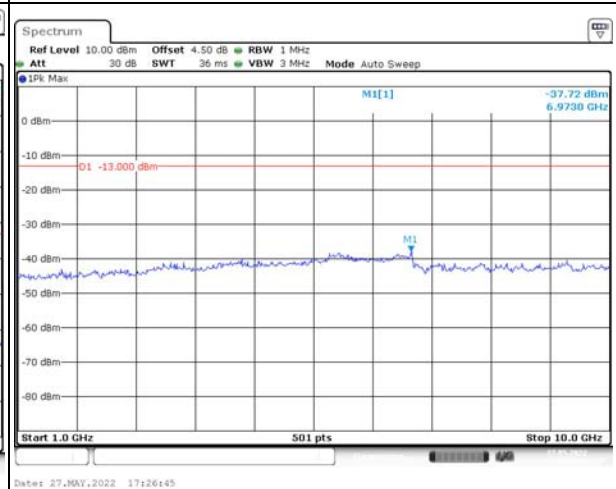
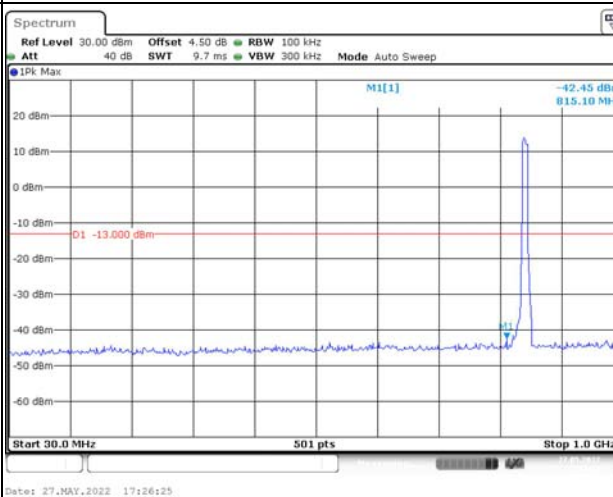
Lowest



Middle



Highest

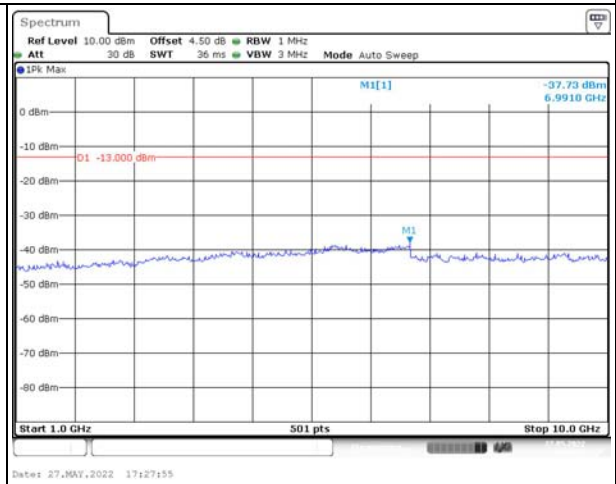
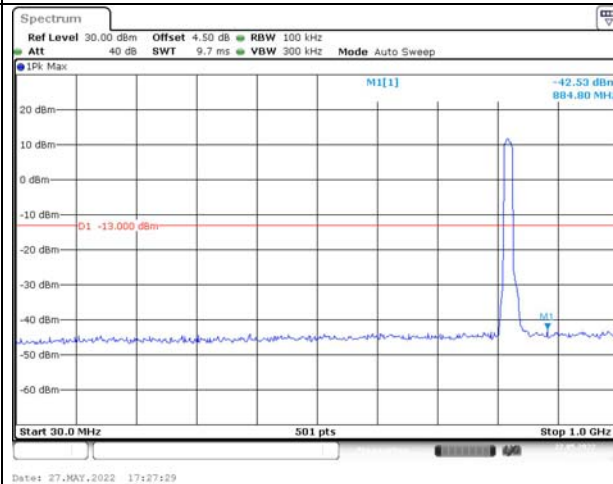


Spurious Emissions at Antenna Terminal

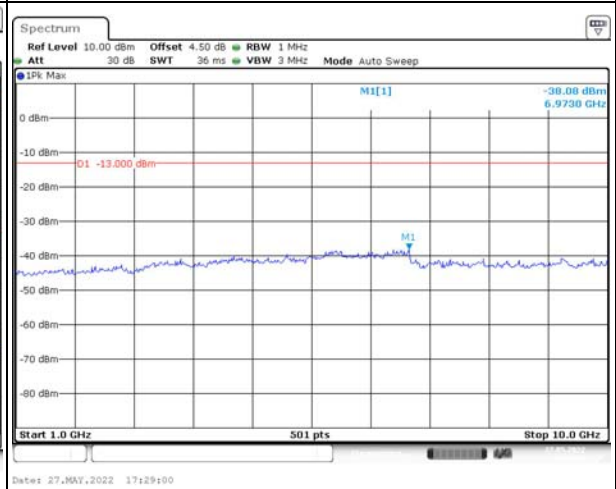
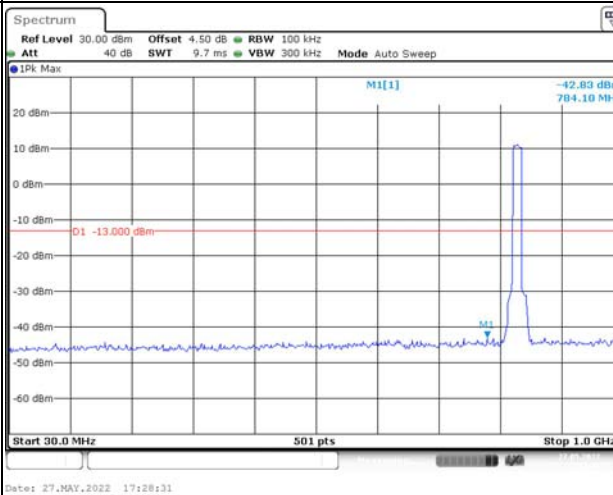
Channel

15MHz Bandwidth QPSK

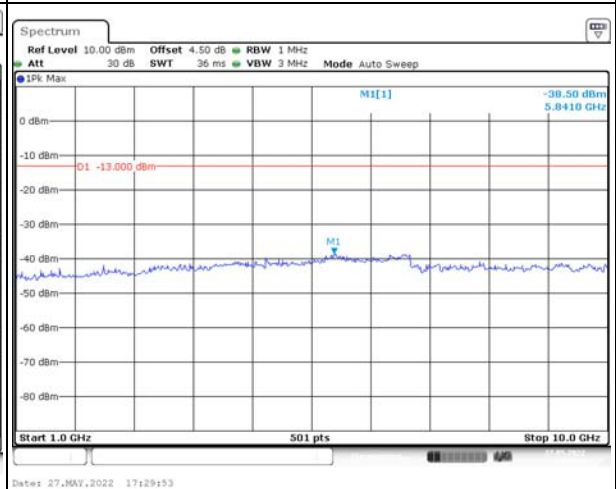
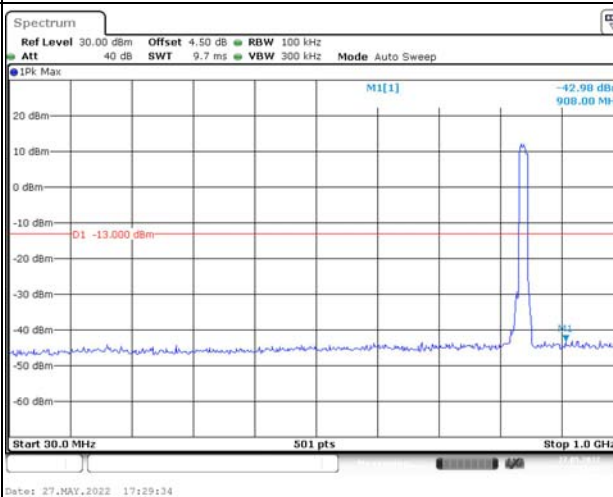
Lowest



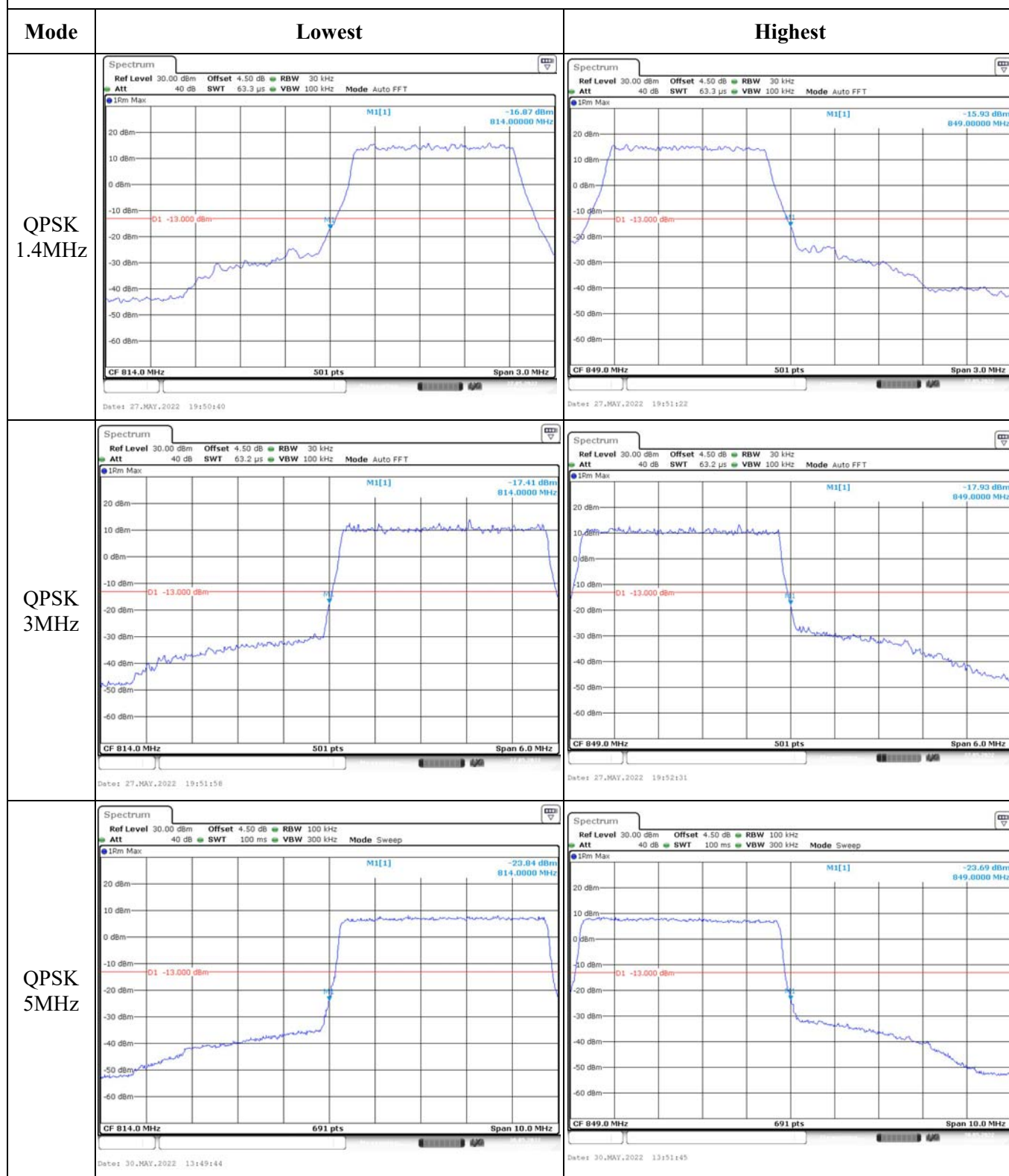
Middle



Highest



Out of band emission, Band Edge



Out of band emission, Band Edge

