

Test Plots(Note: The 4.5dB is the Insertion loss of the RF cable, Coaxial tee connector and DC Block, which was offset into the Spectrum Analyzer):

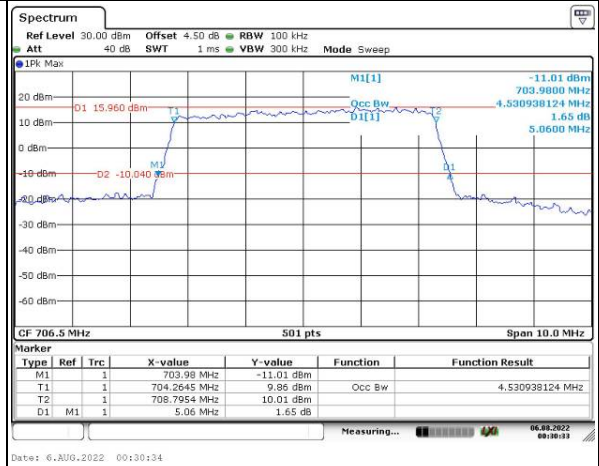
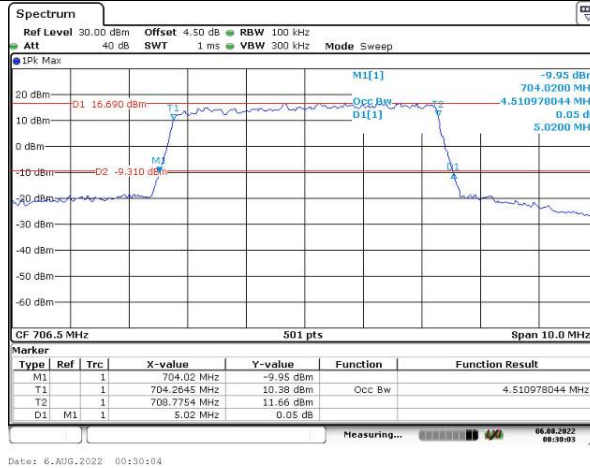
Occupied Bandwidth

Channel

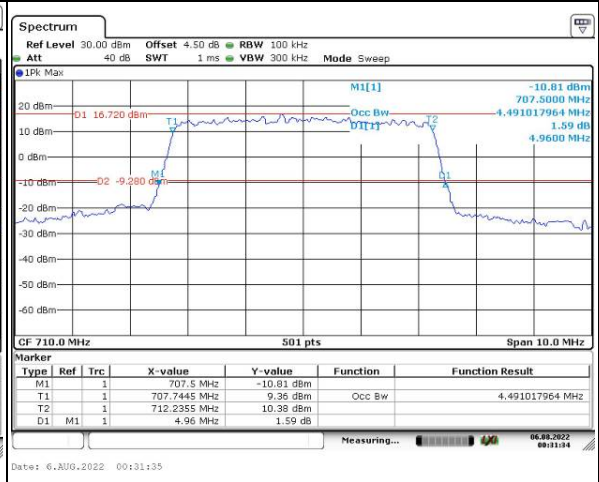
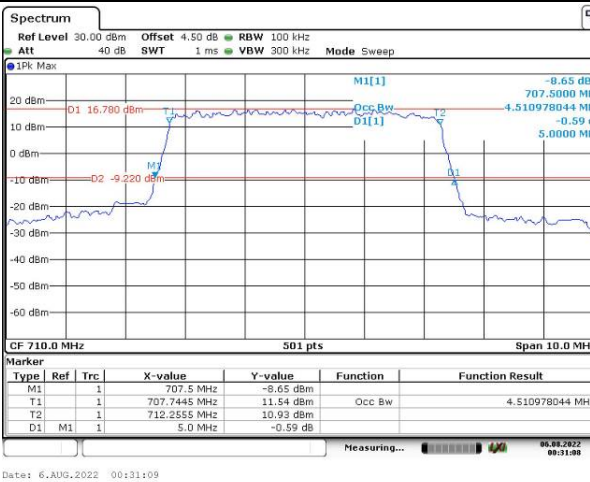
5MHz Bandwidth QPSK

5MHz Bandwidth 16QAM

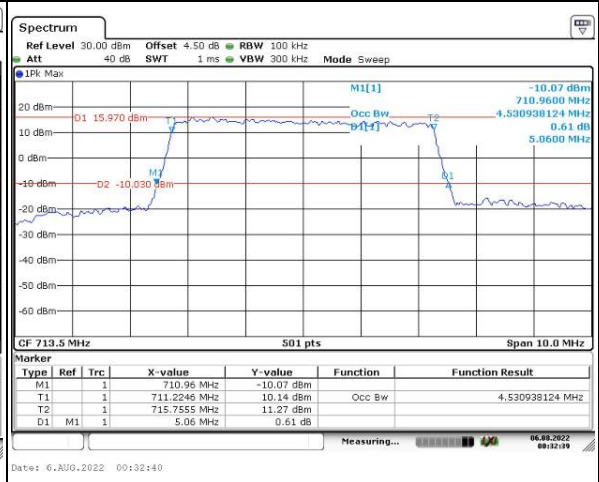
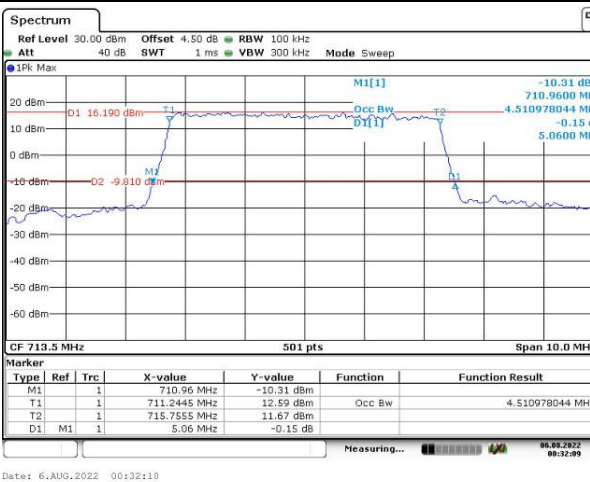
Lowest



Middle



Highest



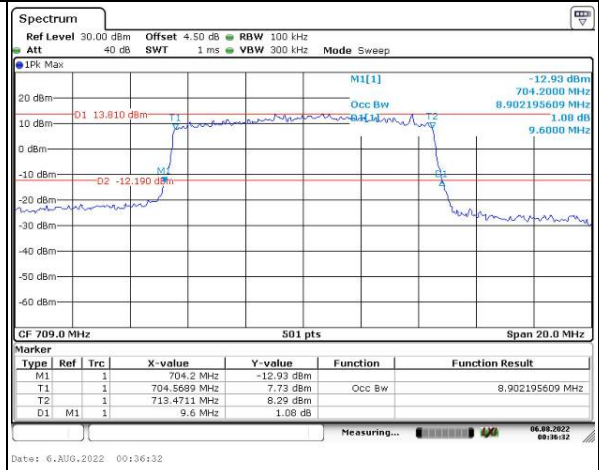
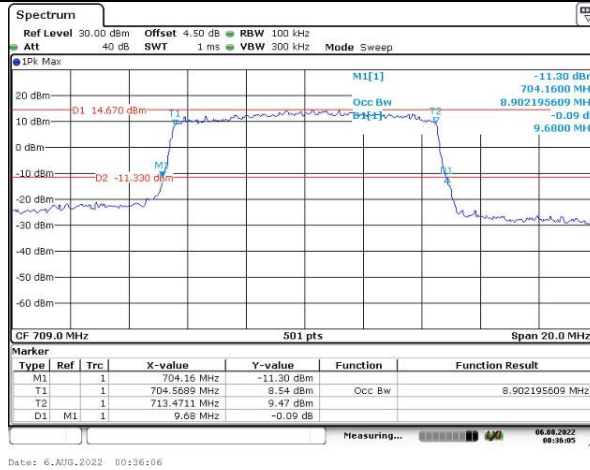
Occupied Bandwidth

Channel

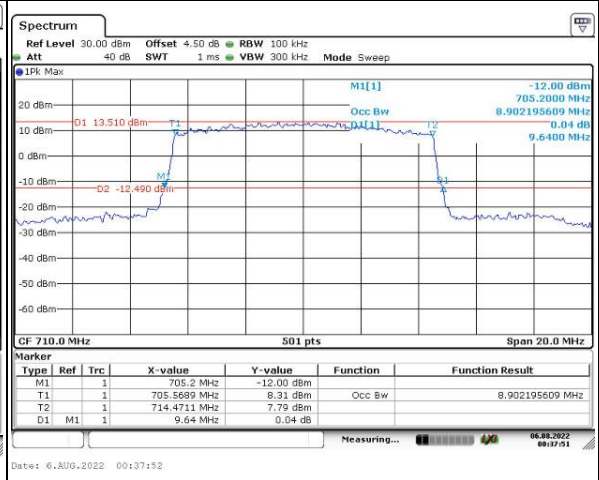
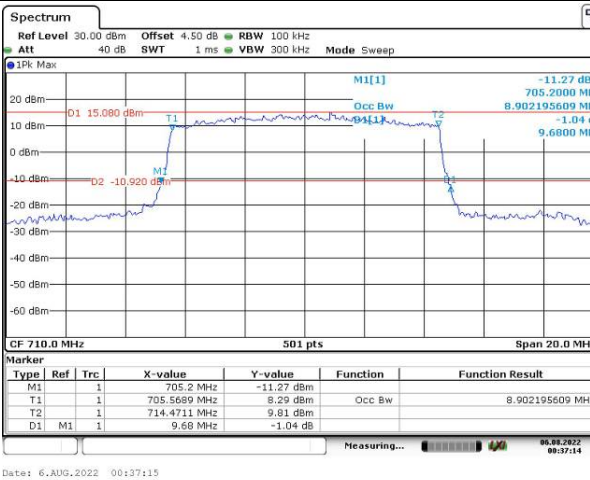
10MHz Bandwidth QPSK

10MHz Bandwidth 16QAM

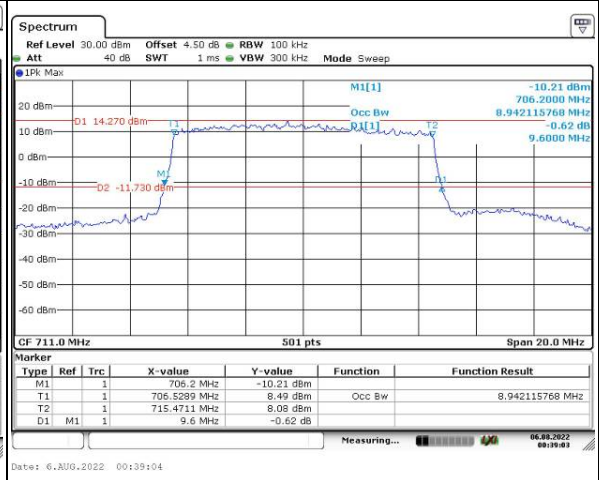
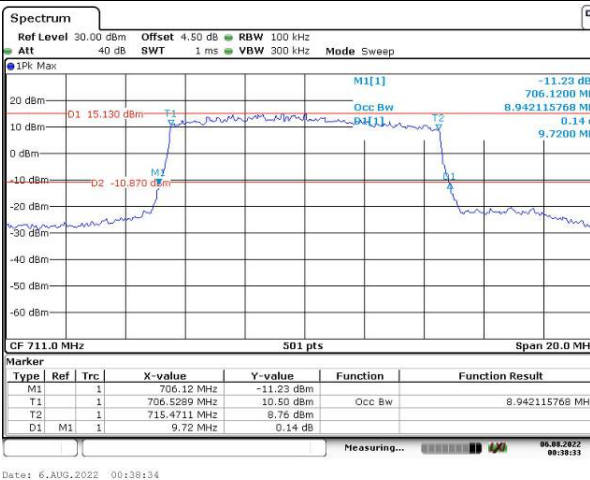
Lowest



Middle



Highest

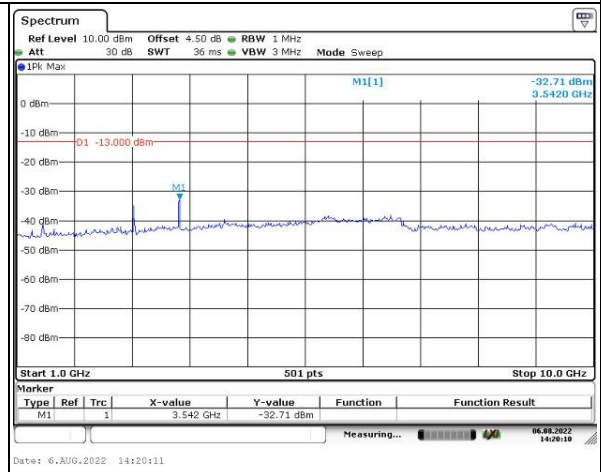
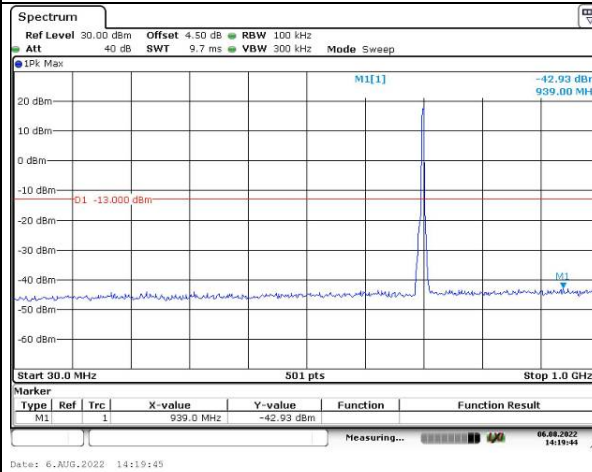


Spurious Emissions at Antenna Terminal

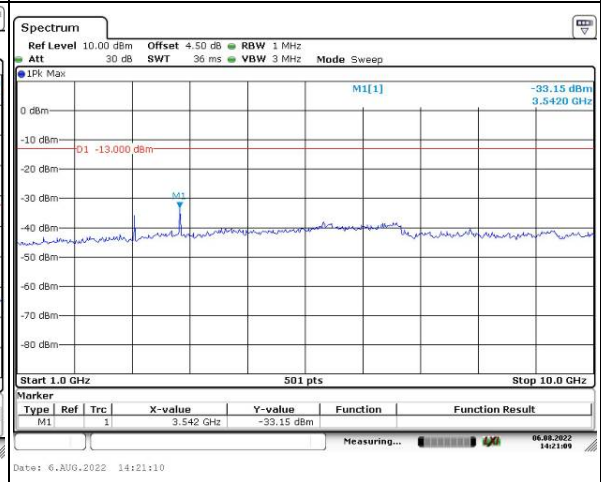
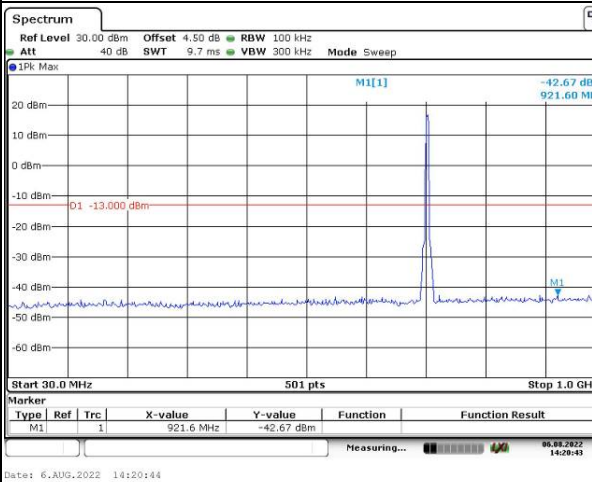
Channel

5MHz Bandwidth QPSK

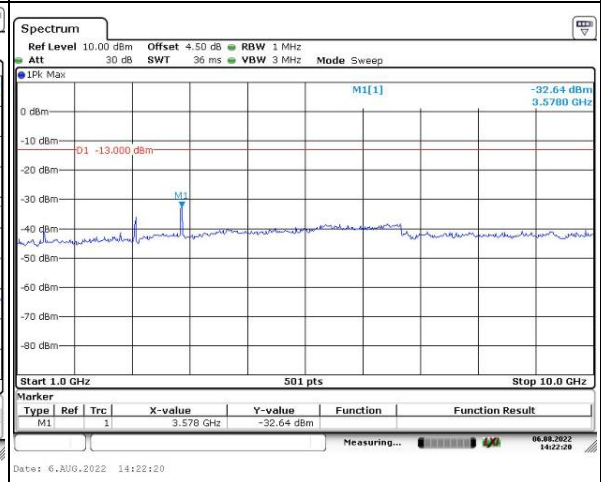
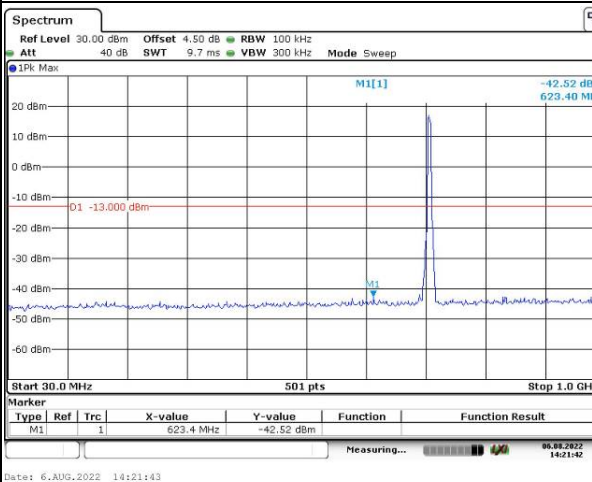
Lowest



Middle



Highest

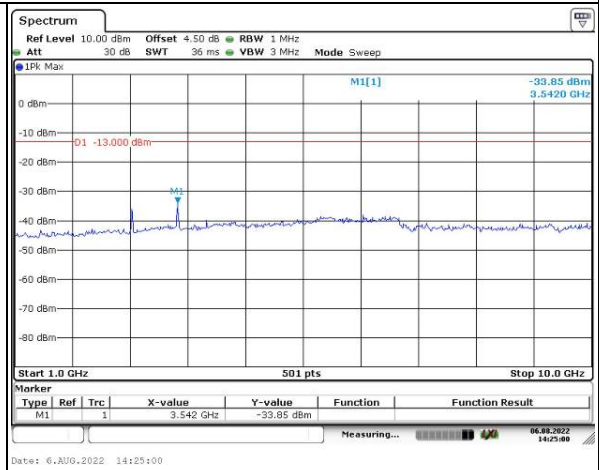
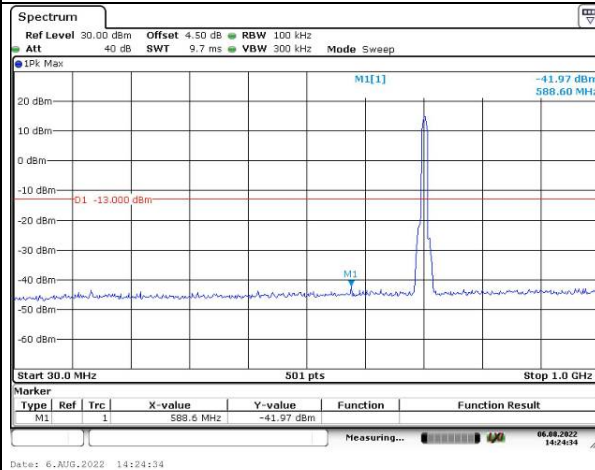


Spurious Emissions at Antenna Terminal

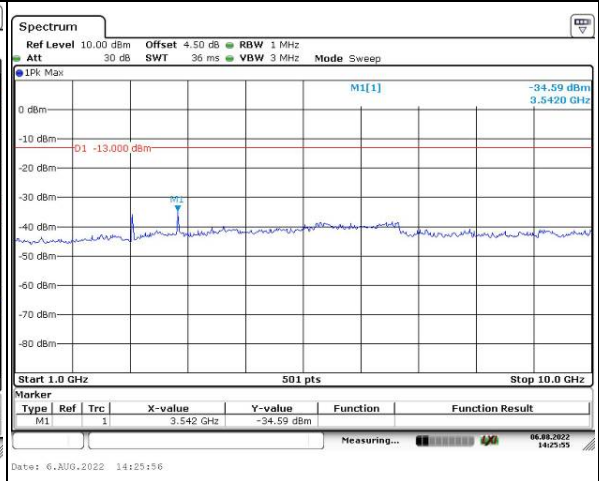
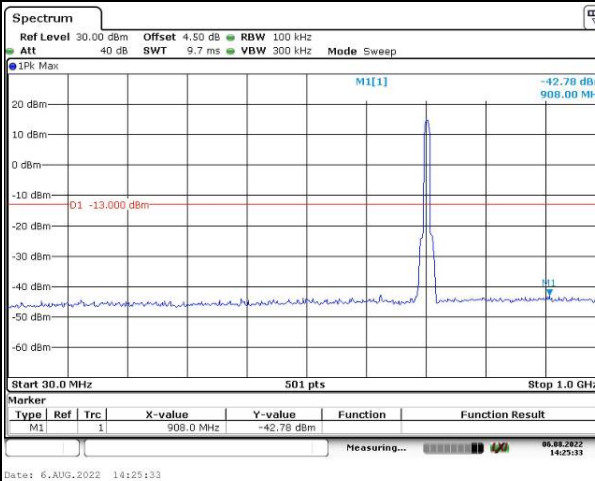
Channel

10MHz Bandwidth QPSK

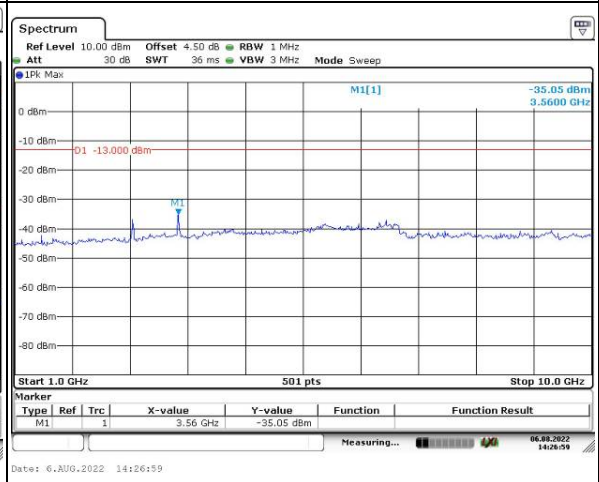
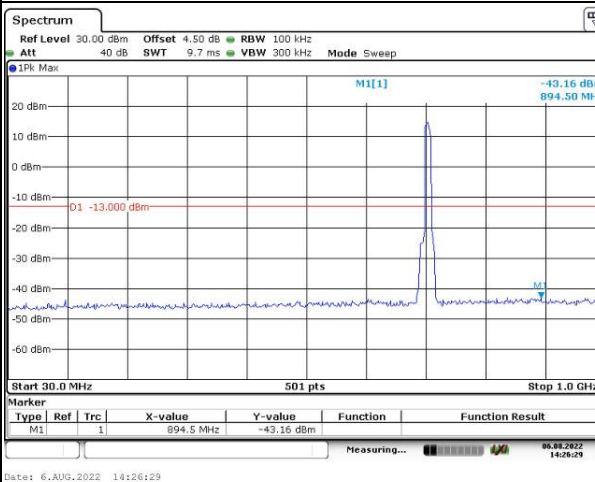
Lowest



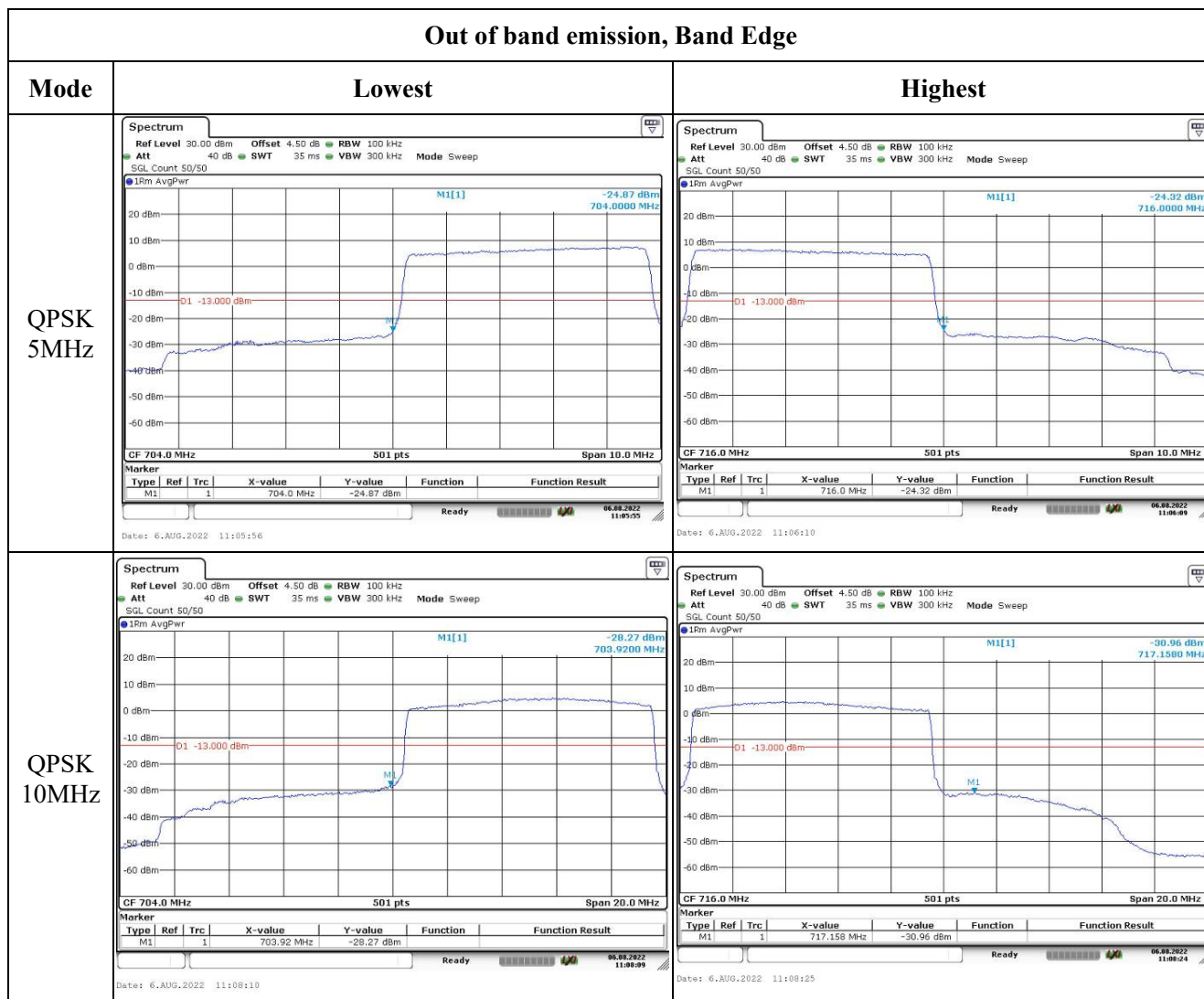
Middle



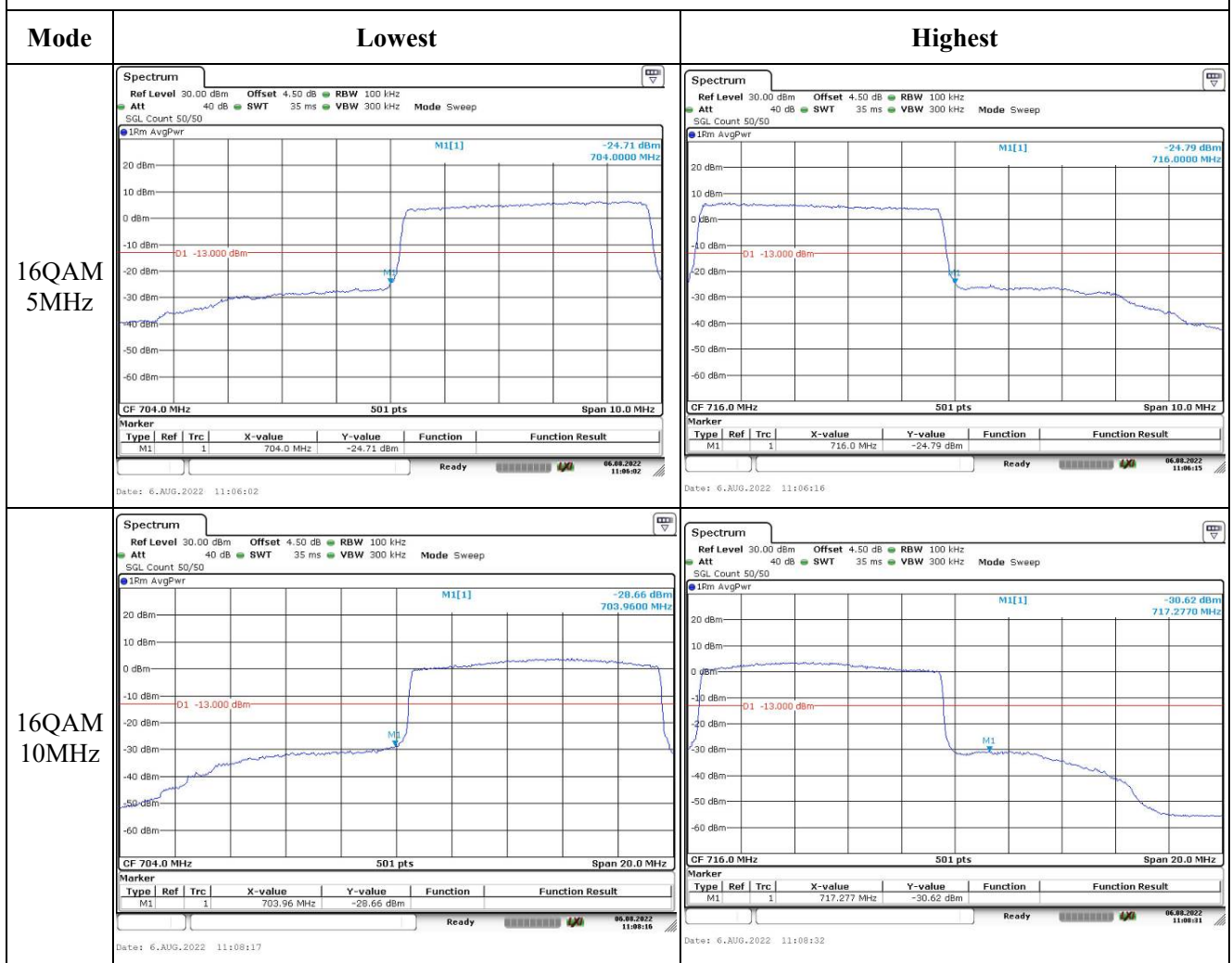
Highest



Out of band emission, Band Edge



Out of band emission, Band Edge



4.7 Antenna Port Test Data and Results for LTE Band 38

Serial Number:	CR22010034-RF-S1	Test Date:	2022-08-06
Test Site:	RF	Test Mode:	Transmitting
Tester:	George Chen	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	26.2	Relative Humidity: (%)	62	ATM Pressure: (kPa)	99.9
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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	2022-07-15	2023-07-14
zhuoxiang	Coaxial Cable	SMA-178	211002	Each time	N/A
Unknown	Coaxial tee connector	Unknown	2204004	Each time	N/A
YINSAIGE	Coaxial Cable	SS402	SJ0100003	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554404	Each time	N/A
R&S	Wideband Radio Communication Tester	CMW500	149218	2022-07-15	2023-07-14
BACL	TEMP&HUMI Test Chamber	BTH-150-40	30174	2022-04-06	2023-04-05
UNI-T	Multimeter	UT39A+	C210582554	2021-09-30	2022-09-29
ZHAOXIN	DC Power Supply	RXN-6010D	21R6010D0912386	N/A	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).

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	23.86	23.66	23.59	24.16	33
	RB1#13	23.69	23.76	23.59		
	RB1#24	23.81	23.73	23.52		
	RB15#0	23.11	22.94	22.8		
	RB15#10	23.13	22.94	22.74		
	RB25#0	23.02	22.92	22.7		
5MHz 16QAM	RB1#0	23.39	23.08	22.24	23.75	33
	RB1#13	23.45	23.02	22.38		
	RB1#24	23.22	22.7	22.35		
	RB15#0	22.01	21.77	21.66		
	RB15#10	22.06	21.81	21.65		
	RB25#0	22.16	21.78	21.68		
10MHz QPSK	RB1#0	23.98	23.94	23.81	24.39	33
	RB1#25	23.97	24.09	23.69		
	RB1#49	23.92	23.87	23.73		
	RB25#0	23.07	22.88	22.78		
	RB25#25	23.16	22.89	22.76		
	RB50#0	23.11	22.91	22.72		
10MHz 16QAM	RB1#0	23.2	23.36	23.06	23.94	33
	RB1#25	23.13	23.64	23.36		
	RB1#49	22.82	23.19	22.99		
	RB25#0	22.04	21.86	21.77		
	RB25#25	22.06	21.97	21.85		
	RB50#0	22.01	21.87	21.8		
15MHz QPSK	RB1#0	24.11	23.91	23.77	24.41	33
	RB1#38	23.98	23.77	23.69		
	RB1#74	23.98	23.66	23.81		
	RB36#0	23.08	22.9	22.8		
	RB36#39	23	22.99	22.67		
	RB75#0	23.01	22.94	22.78		
15MHz 16QAM	RB1#0	23.15	23.02	22.59	23.79	33
	RB1#38	23.49	22.84	22.44		
	RB1#74	23.47	22.83	22.47		
	RB36#0	22.22	21.74	21.75		
	RB36#39	22.18	21.75	21.64		
	RB75#0	22.05	21.94	21.74		

20MHz QPSK	RB1#0	23.97	24.01	23.54	24.67	33
	RB1#50	24.37	24.01	23.89		
	RB1#99	23.86	23.89	23.53		
	RB50#0	23.1	22.96	22.76		
	RB50#50	22.93	22.79	22.7		
	RB100#0	22.94	22.89	22.78		
20MHz 16QAM	RB1#0	22.78	23.63	23.32	23.97	33
	RB1#50	22.87	23.67	23.21		
	RB1#99	22.61	23.25	22.86		
	RB50#0	22.14	22.02	21.81		
	RB50#50	22.08	21.95	21.75		
	RB100#0	21.97	21.93	21.82		

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	9.25	9.48	9.07	13
	RB100#0	9.65	9.74	9.57	13
20MHz 16QAM	RB1#0	10.38	10.41	9.86	13
	RB100#0	10.67	10.67	10.52	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	4.511	4.511	4.511	4.94	5.02	5.02
5MHz 16QAM	4.531	4.511	4.511	5.04	5.02	4.96
10MHz QPSK	8.942	8.942	8.942	9.68	9.72	9.52
10MHz 16QAM	8.942	8.942	8.942	9.64	9.72	9.6
15MHz QPSK	13.533	13.473	13.413	15.24	15.6	14.7
15MHz 16QAM	13.473	13.473	13.533	15.48	15.0	16.44
20MHz QPSK	17.884	17.964	17.964	19.28	19.6	19.52
20MHz 16QAM	17.964	17.884	17.884	19.52	19.44	19.76

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

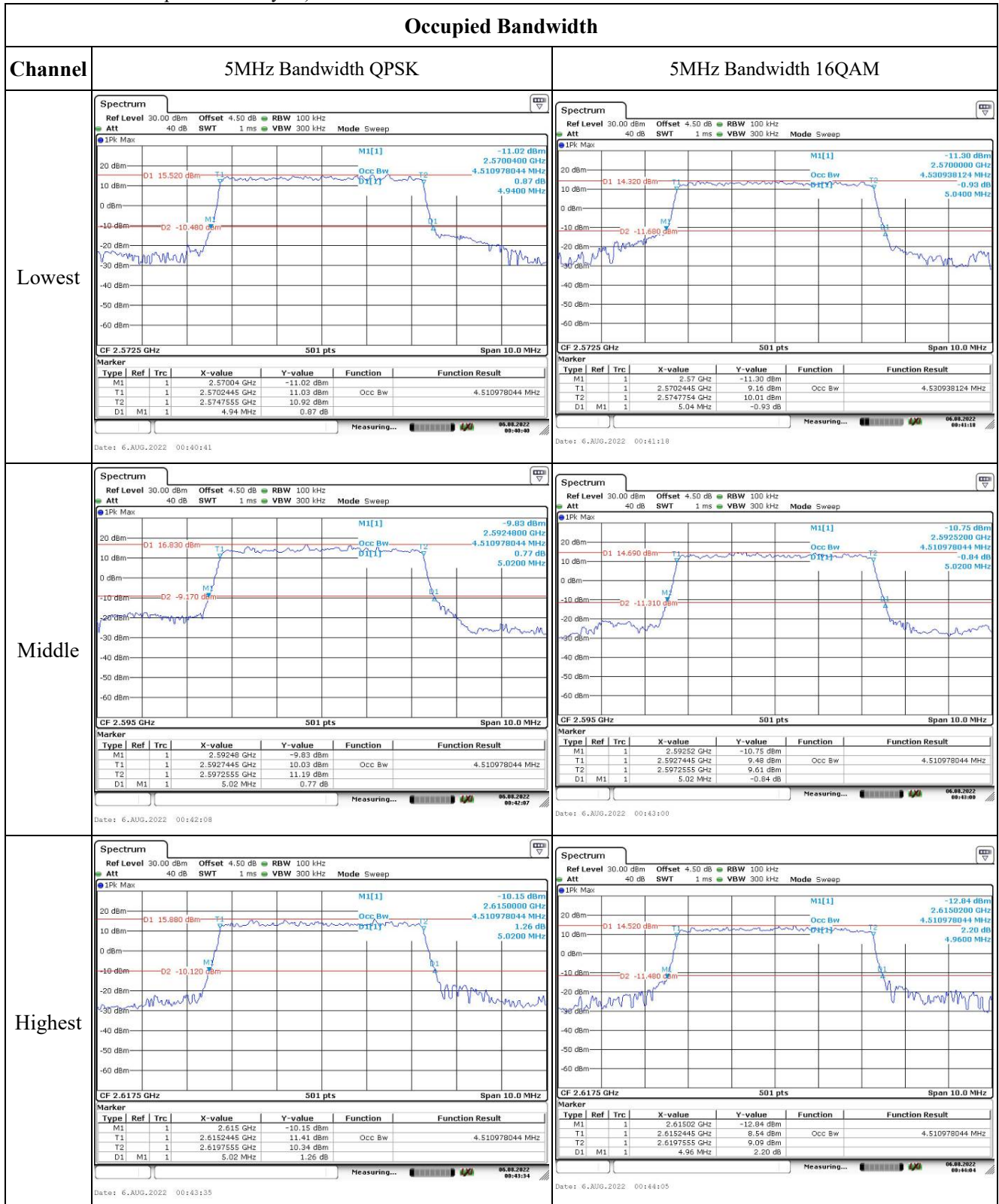
Result:	Pass, Please refer to the test plots of Out of band emission, Band Edge.
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FCC §2.1055, §27.54: Frequency Stability

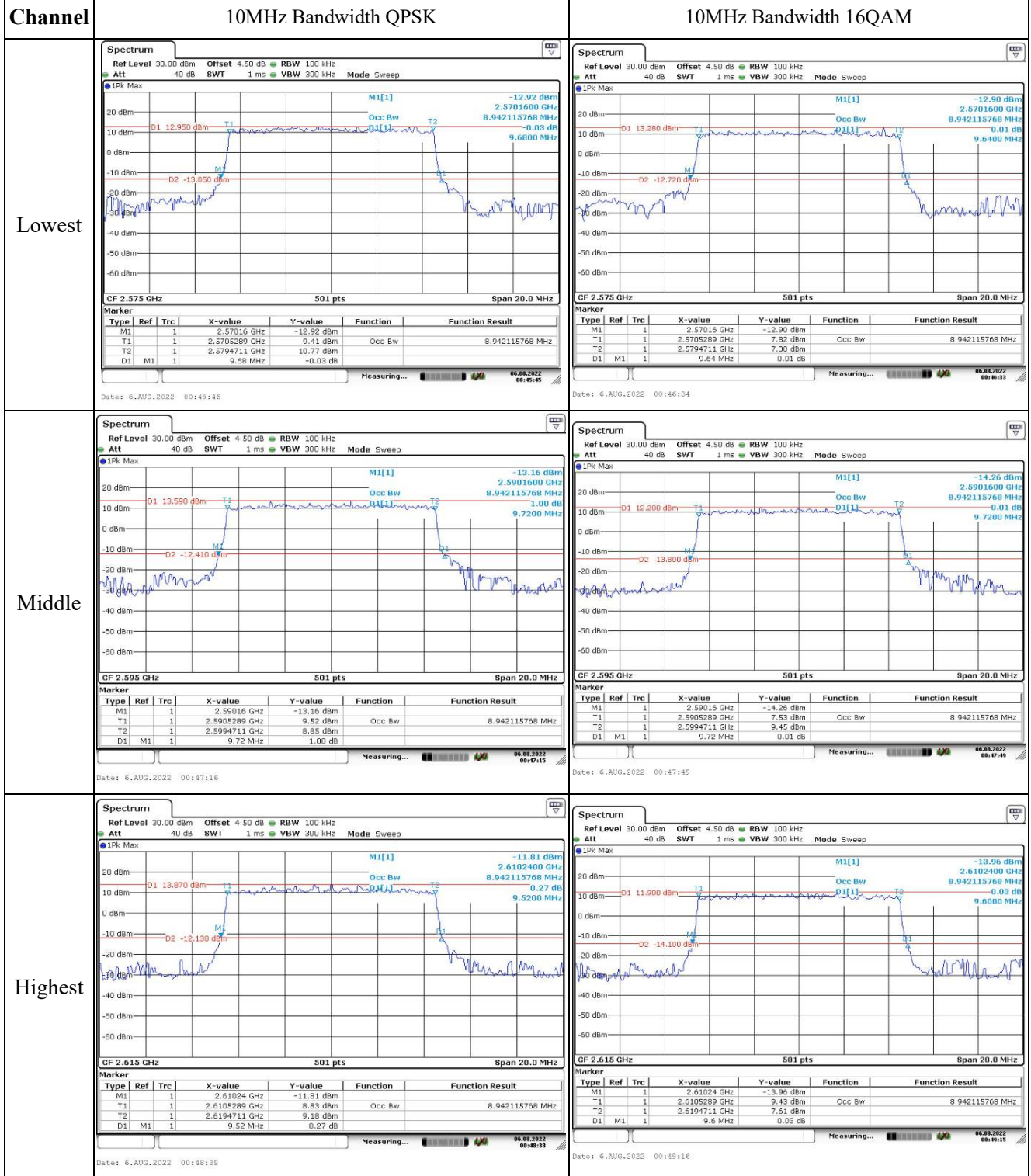
Test Mode:	20M QPSK	Test Channel: Lowest for Lower Edge, Highest for Upper Edge				
Test Item	Temperature (°C)	Voltage (V _{DC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
Frequency Stability vs. Temperature	-30	3.8	2571.012	2570.00	2619.116	2620
	-20	3.8	2571.050	2570.00	2619.090	2620
	-10	3.8	2571.033	2570.00	2619.119	2620
	0	3.8	2571.045	2570.00	2619.140	2620
	10	3.8	2571.069	2570.00	2619.088	2620
	20	3.8	2571.058	2570.00	2619.022	2620
	30	3.8	2571.058	2570.00	2619.060	2620
	40	3.8	2571.045	2570.00	2619.047	2620
	50	3.8	2571.068	2570.00	2619.072	2620
Frequency Stability vs. Voltage	20	3.5	2571.066	2570.00	2619.111	2620
	20	4.35	2571.050	2570.00	2619.119	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	3.8	2570.991	2570.00	2619.093	2620
	-20	3.8	2570.918	2570.00	2619.140	2620
	-10	3.8	2570.971	2570.00	2619.062	2620
	0	3.8	2570.940	2570.00	2619.079	2620
	10	3.8	2570.966	2570.00	2619.135	2620
	20	3.8	2570.978	2570.00	2619.022	2620
	30	3.8	2570.919	2570.00	2619.134	2620
	40	3.8	2570.966	2570.00	2619.068	2620
	50	3.8	2570.972	2570.00	2619.059	2620
Frequency Stability vs. Voltage	20	3.5	2570.969	2570.00	2619.088	2620
	20	4.35	2570.918	2570.00	2619.068	2620
Result:					Pass	

Test Plots(Note: The 4.5dB is the Insertion loss of the RF cable, Coaxial tee connector and DC Block, which was offset into the Spectrum Analyzer):



Occupied Bandwidth



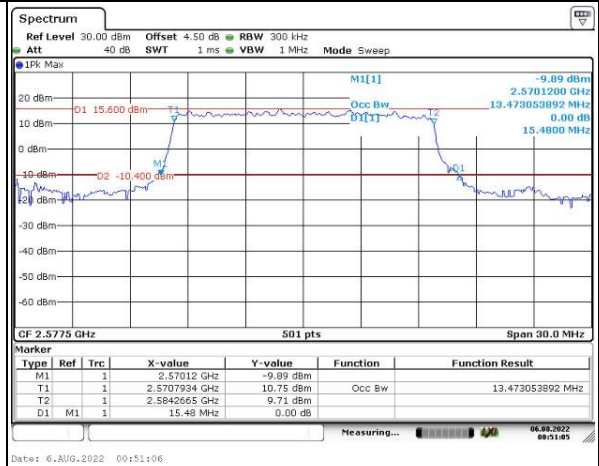
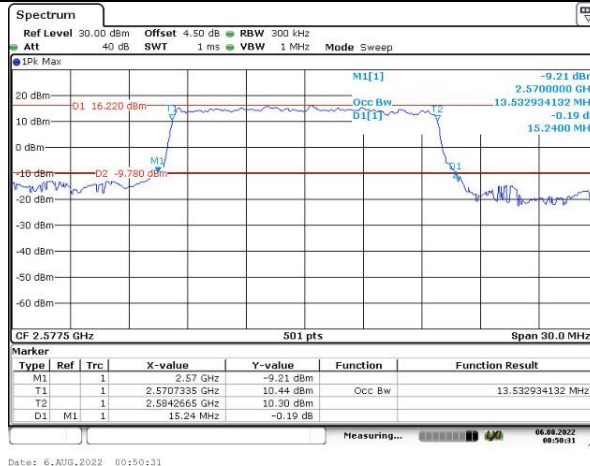
Occupied Bandwidth

Channel

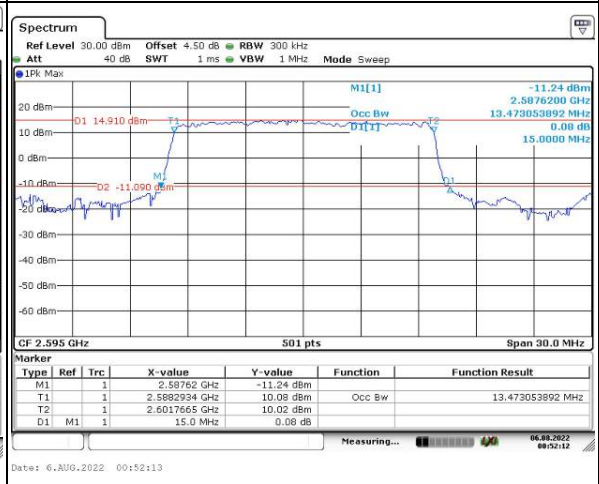
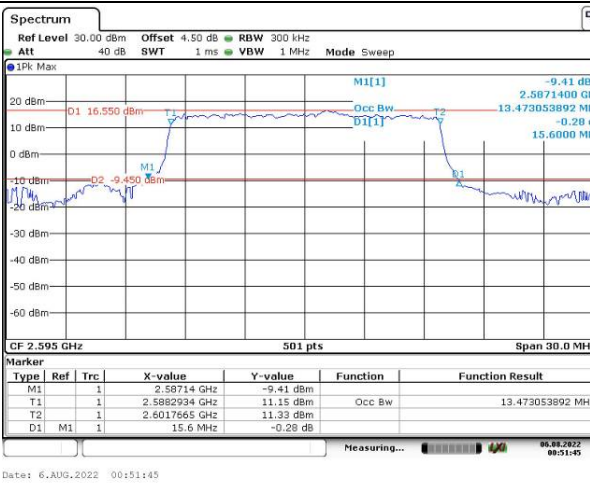
15MHz Bandwidth QPSK

15MHz Bandwidth 16QAM

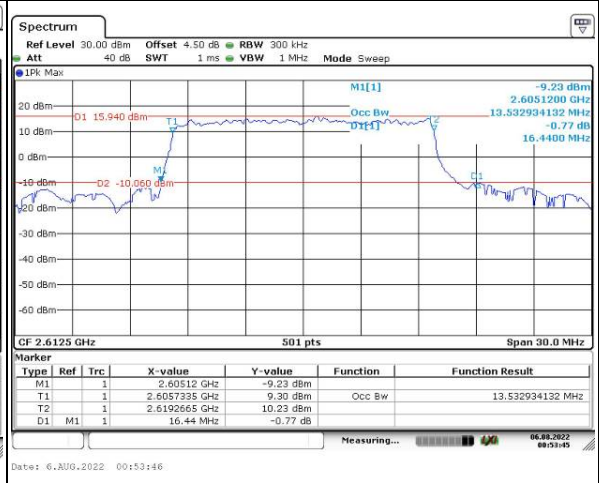
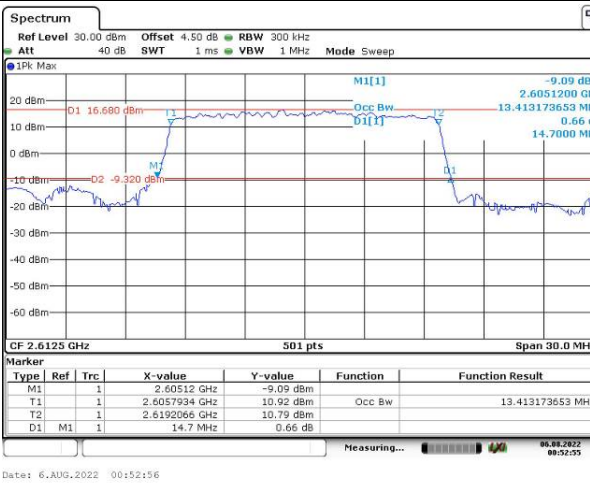
Lowest



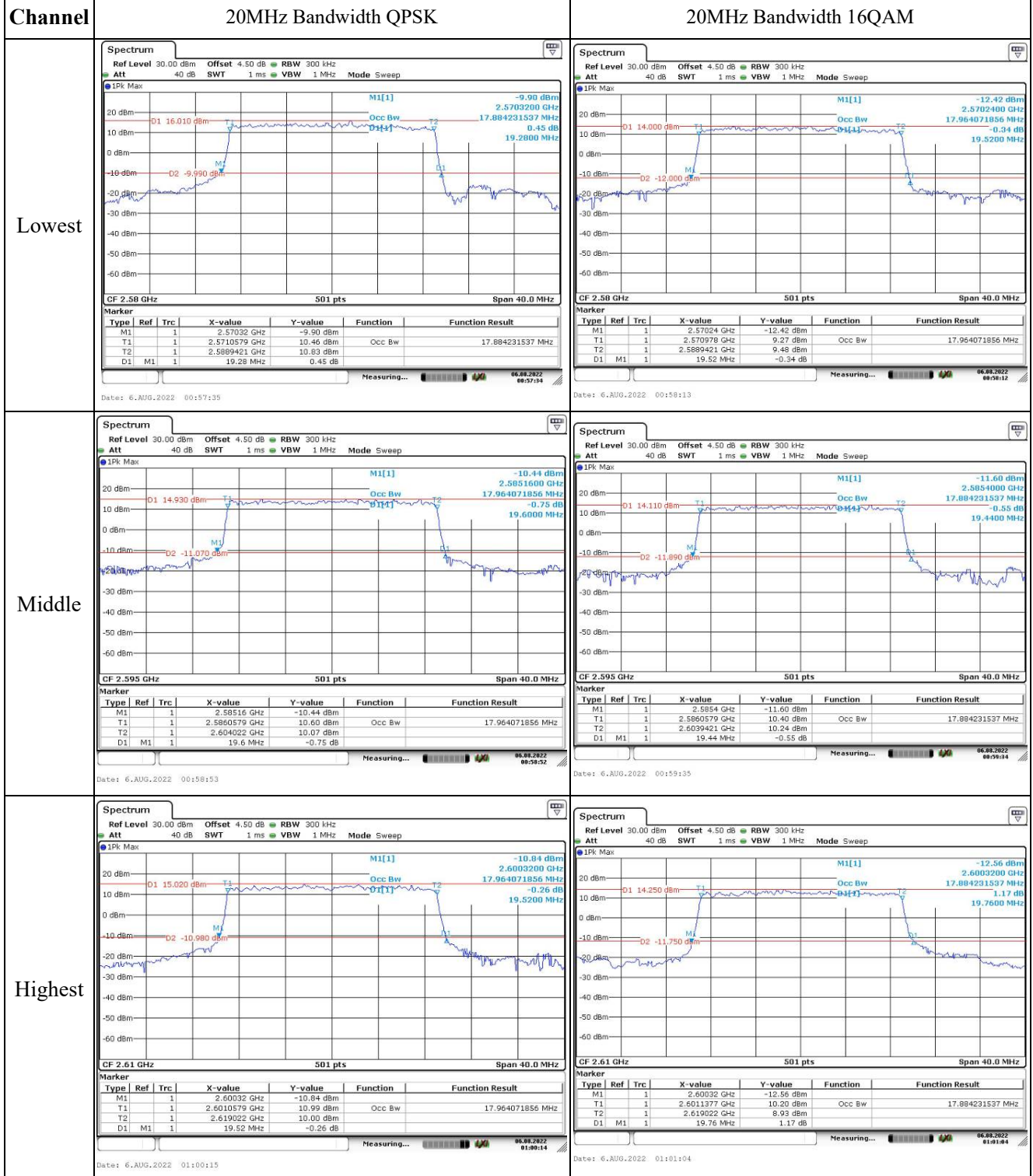
Middle



Highest



Occupied Bandwidth

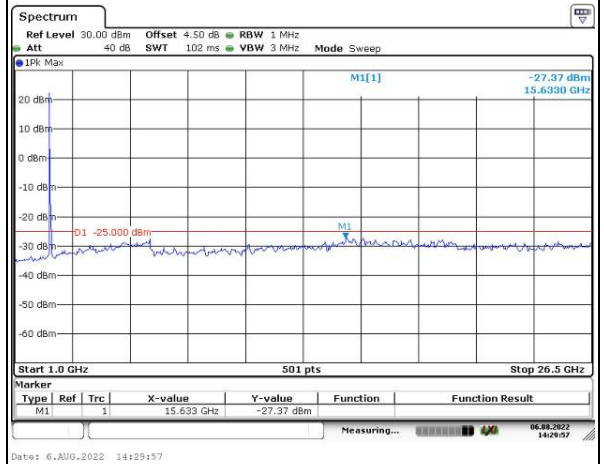
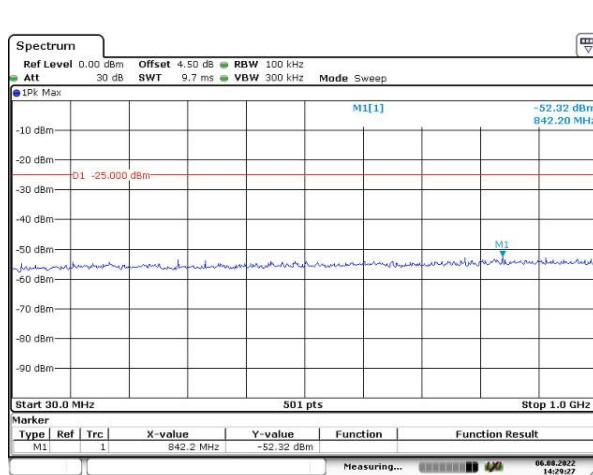


Spurious Emissions at Antenna Terminal

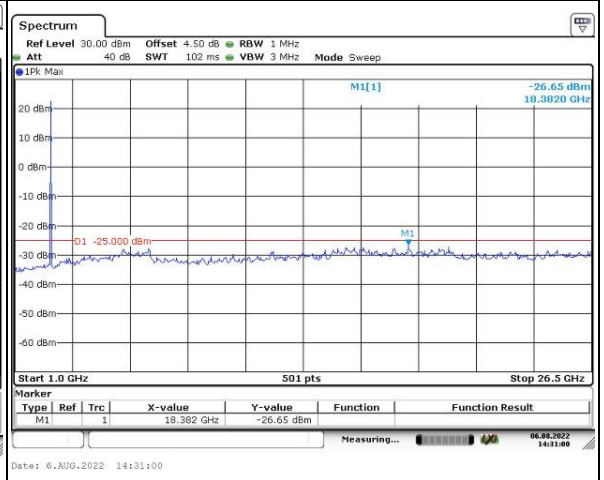
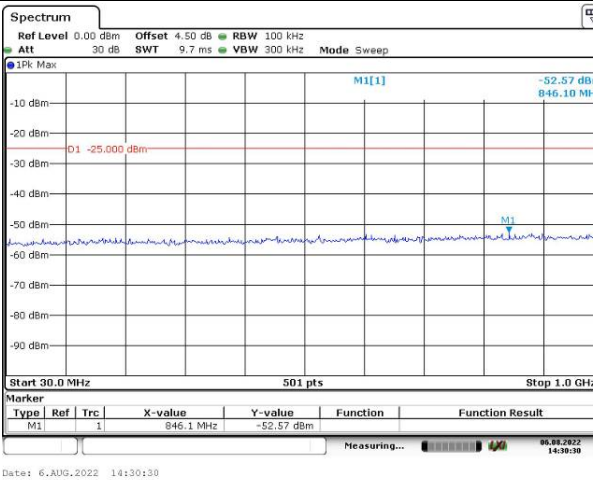
Channel

5MHz Bandwidth QPSK

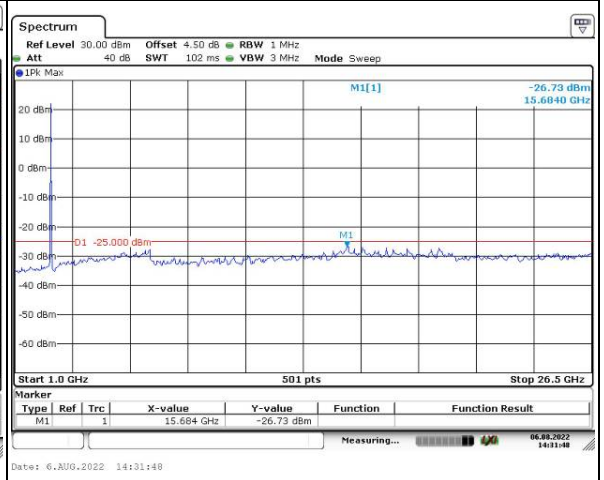
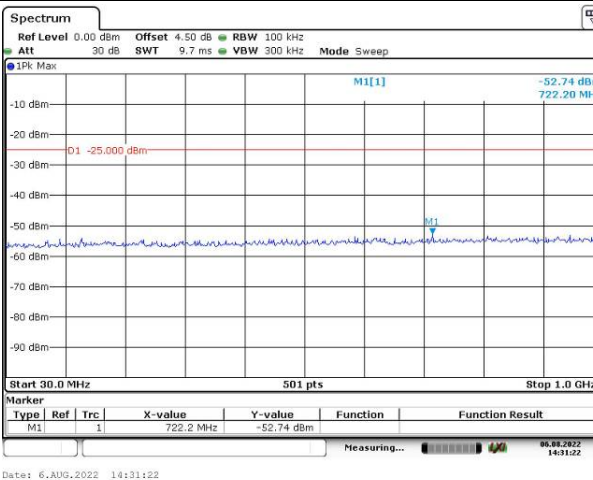
Lowest



Middle



Highest

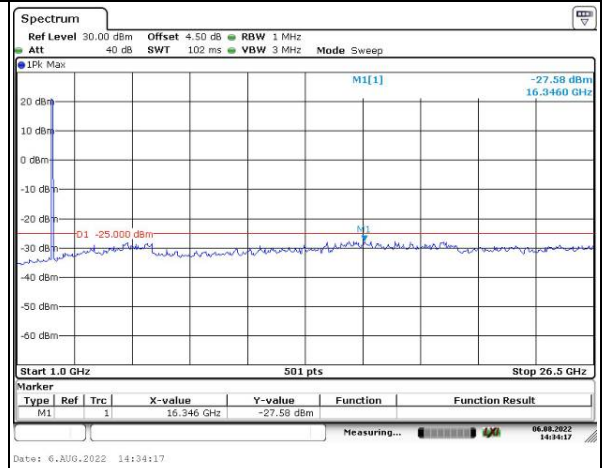
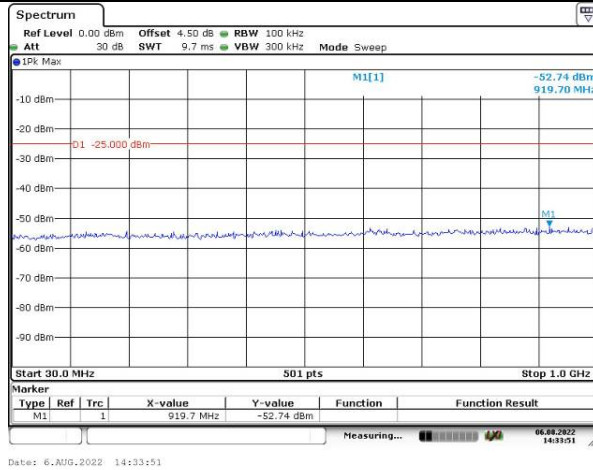


Spurious Emissions at Antenna Terminal

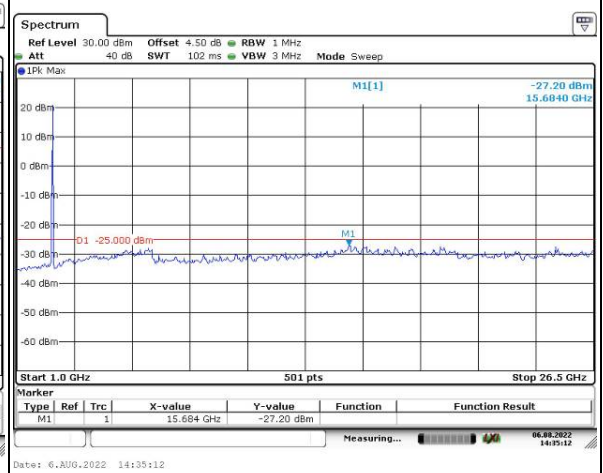
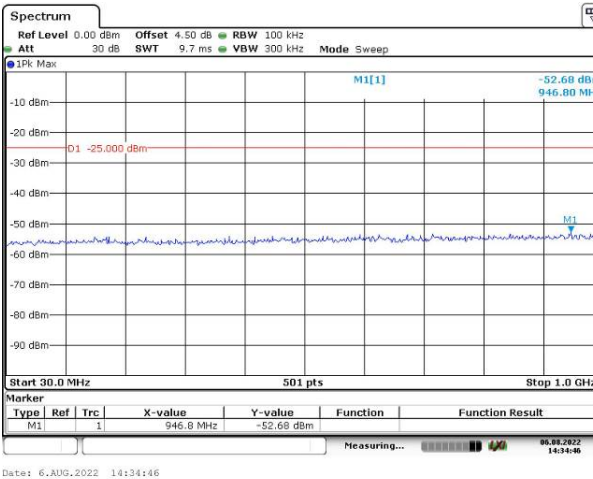
Channel

10MHz Bandwidth QPSK

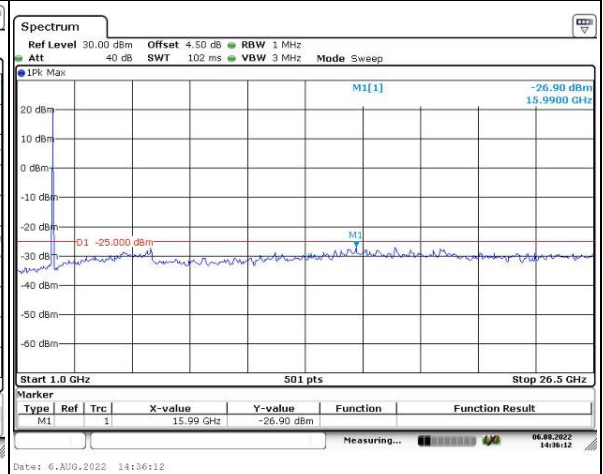
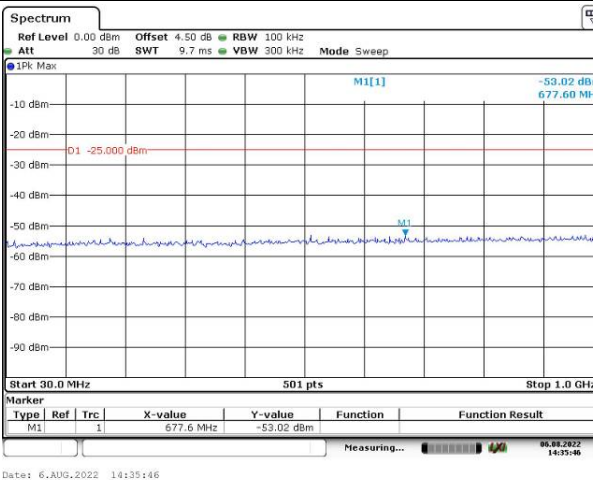
Lowest



Middle



Highest

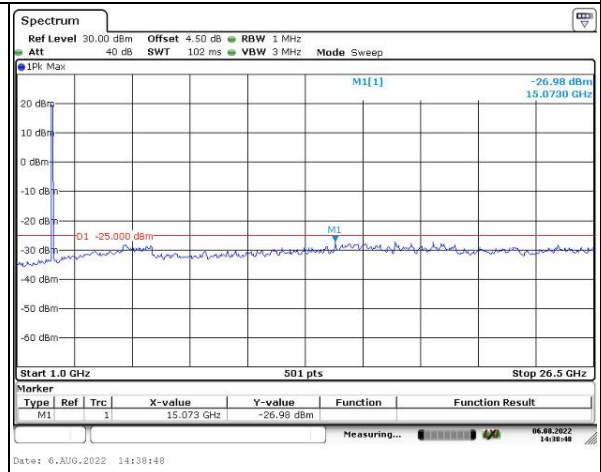
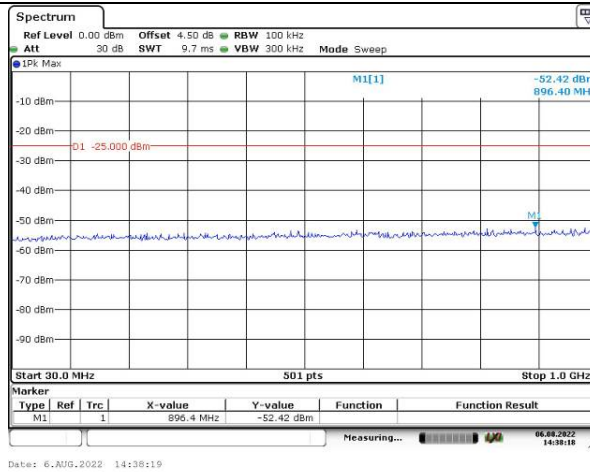


Spurious Emissions at Antenna Terminal

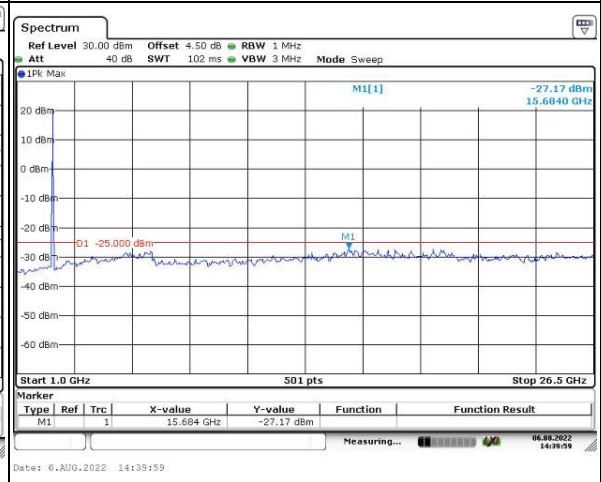
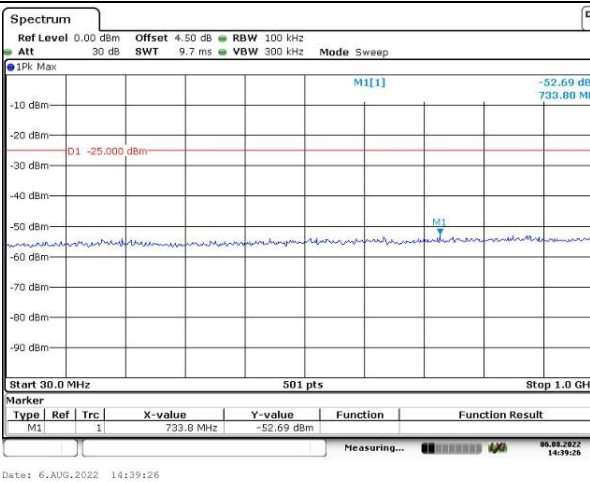
Channel

15MHz Bandwidth QPSK

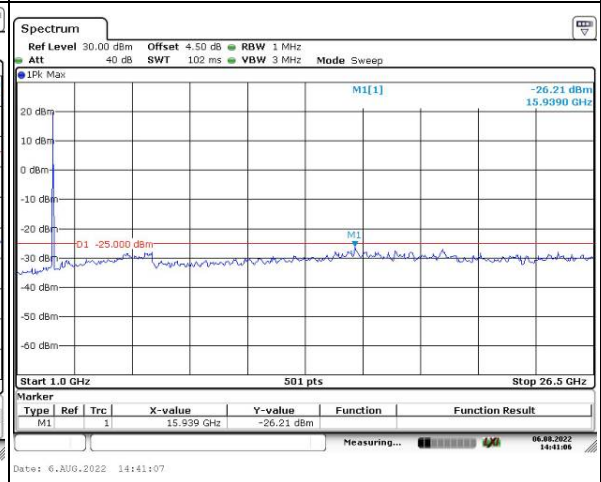
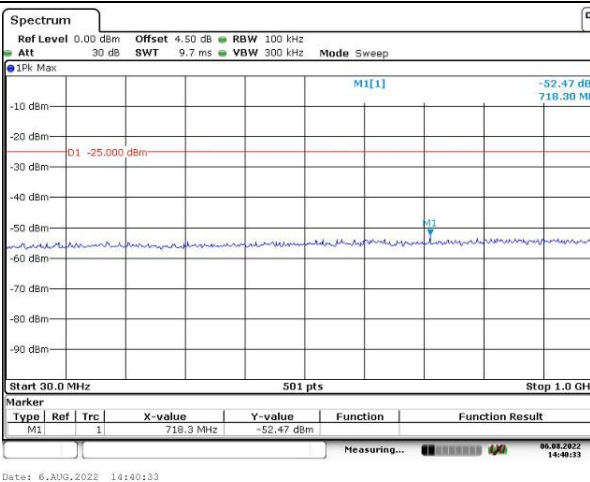
Lowest



Middle



Highest

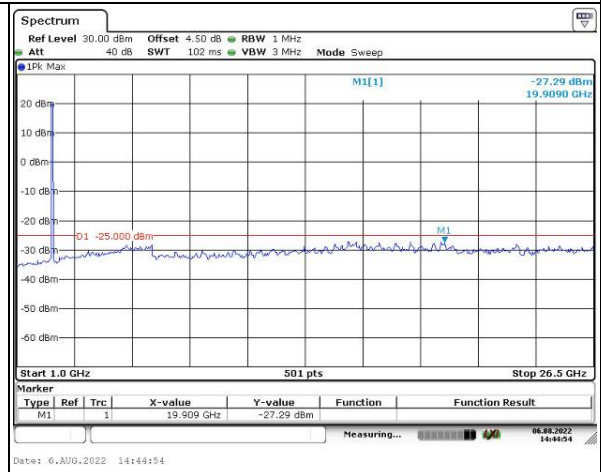
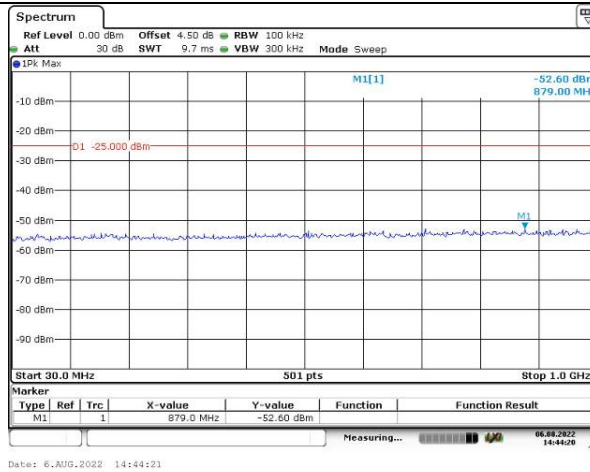


Spurious Emissions at Antenna Terminal

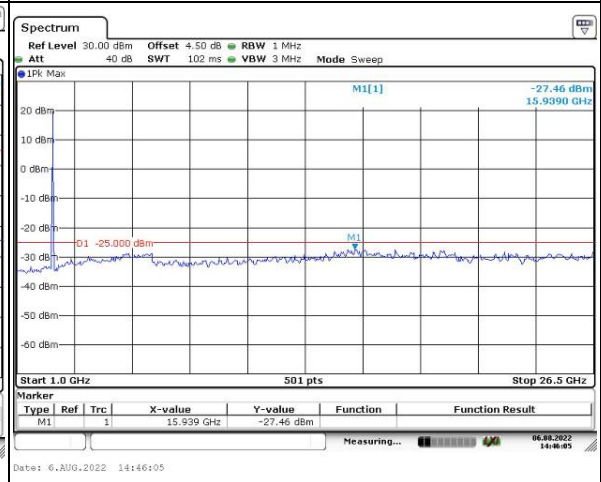
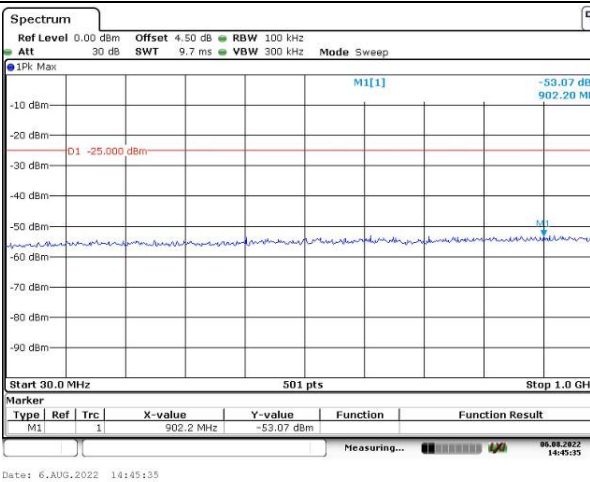
Channel

20MHz Bandwidth QPSK

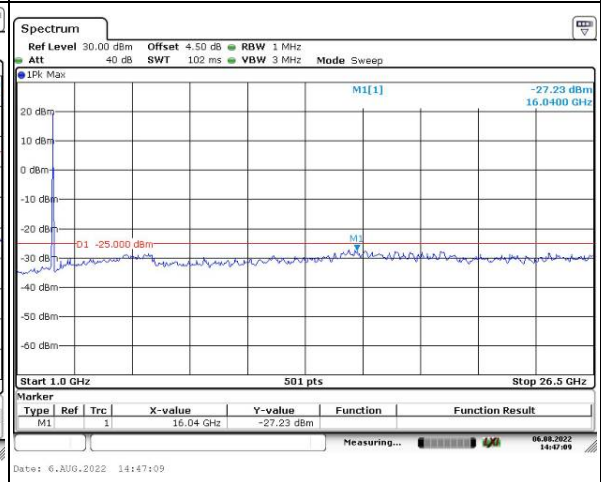
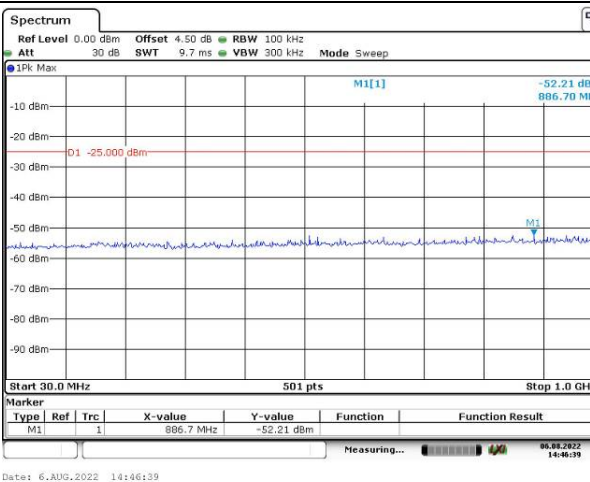
Lowest



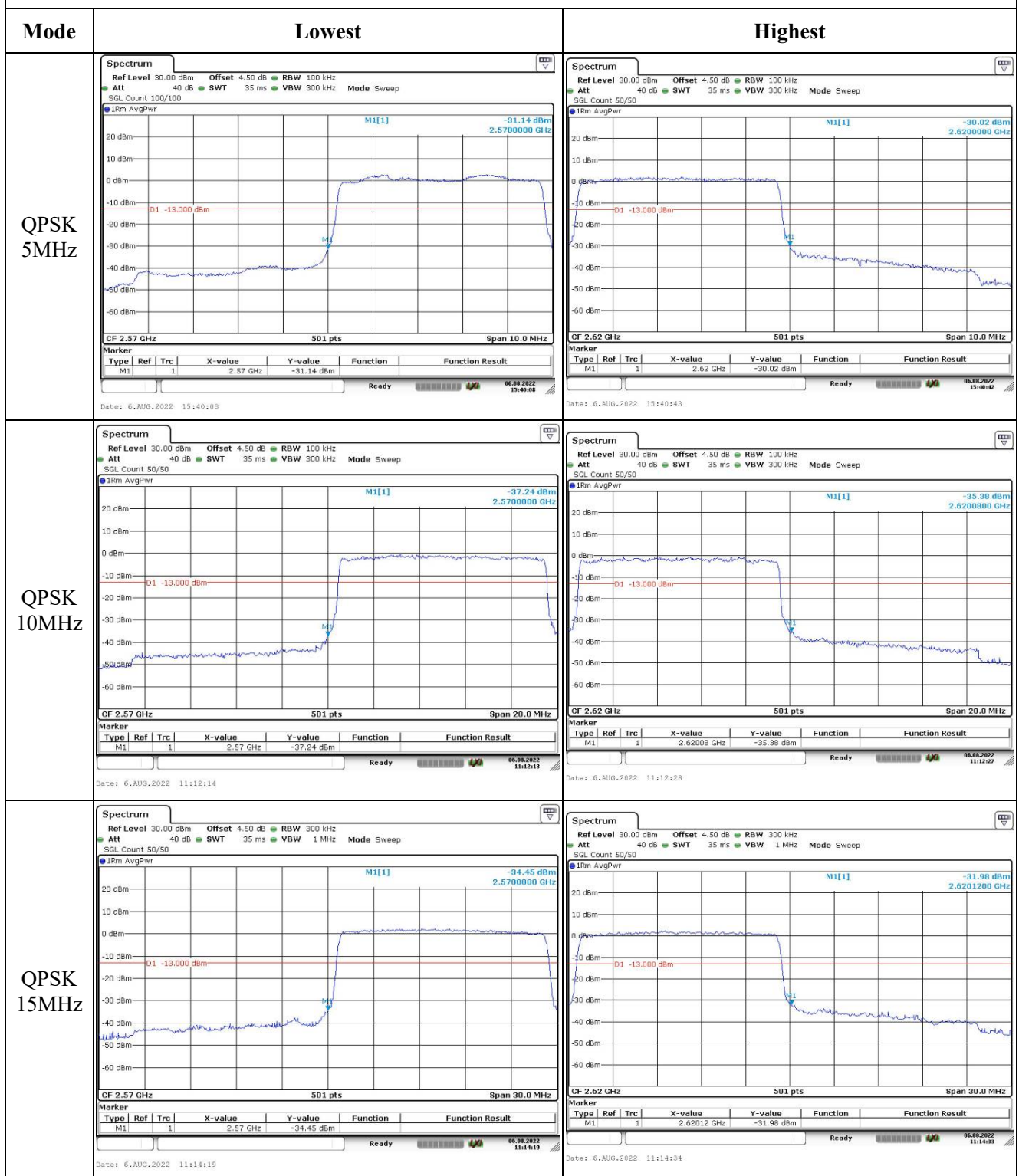
Middle



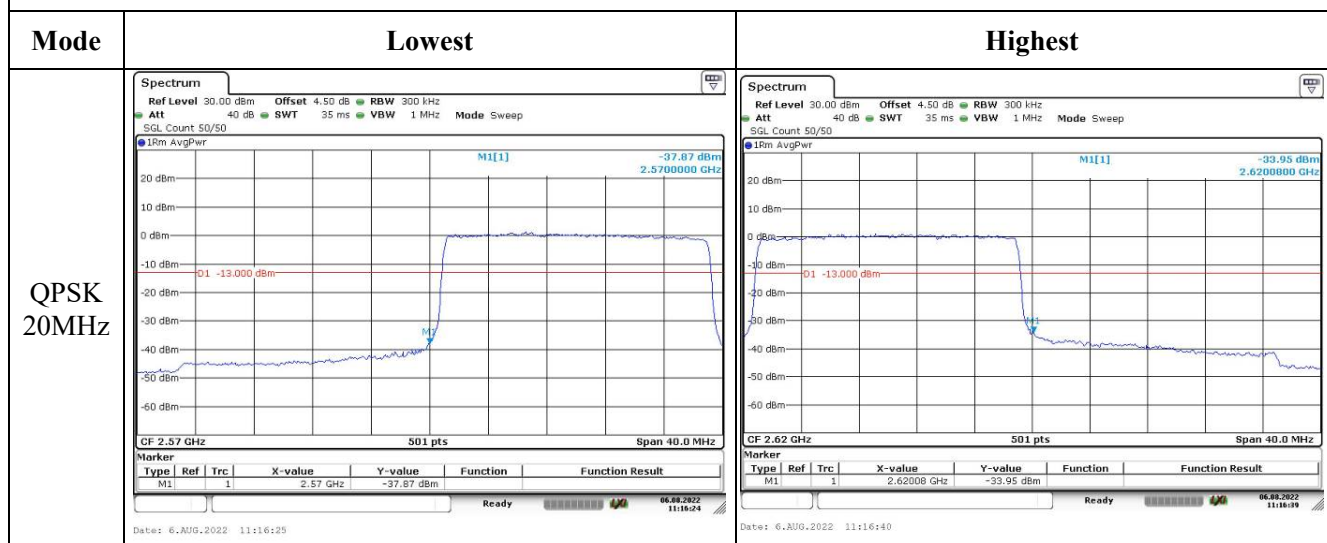
Highest



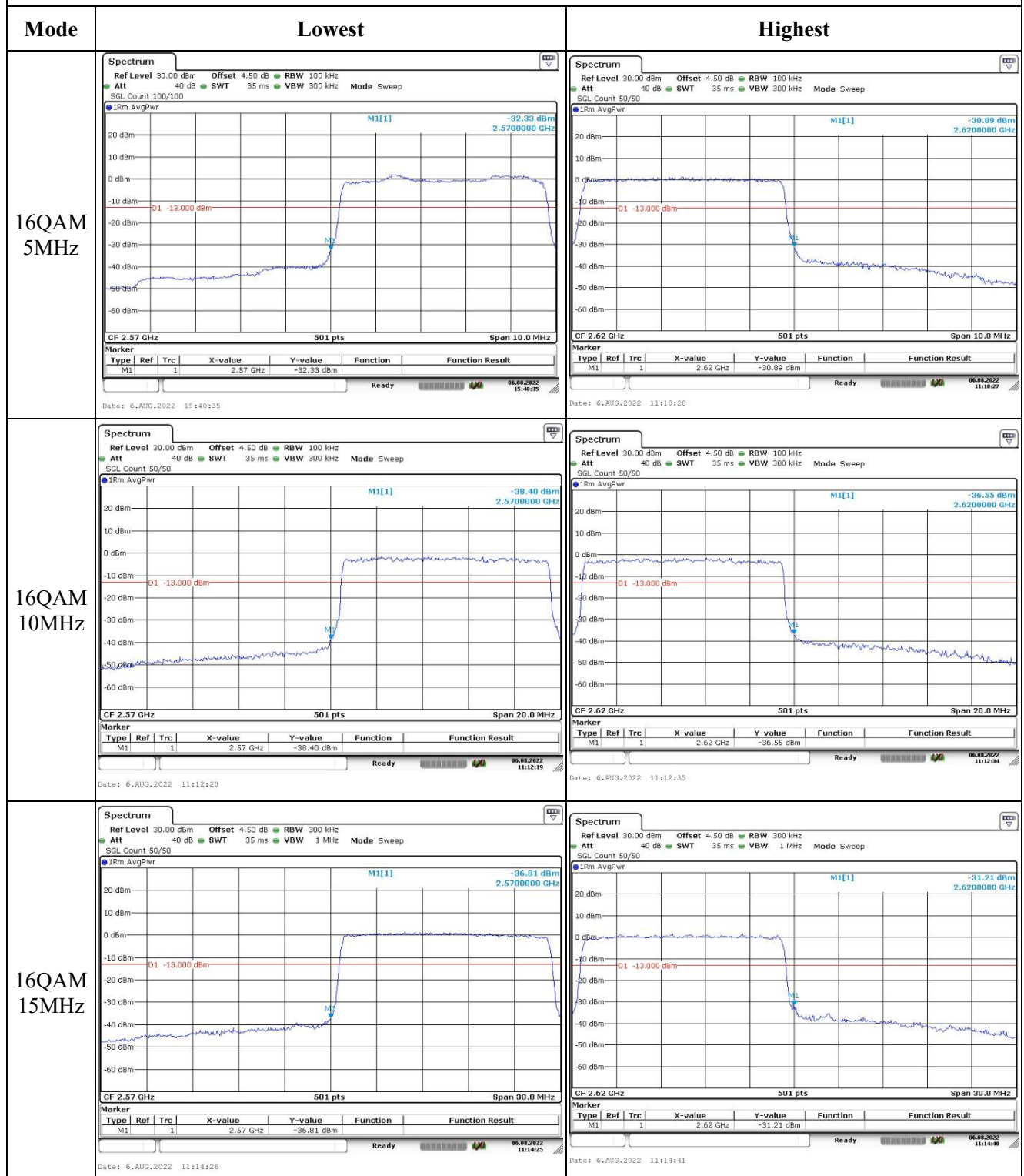
Out of band emission, Band Edge



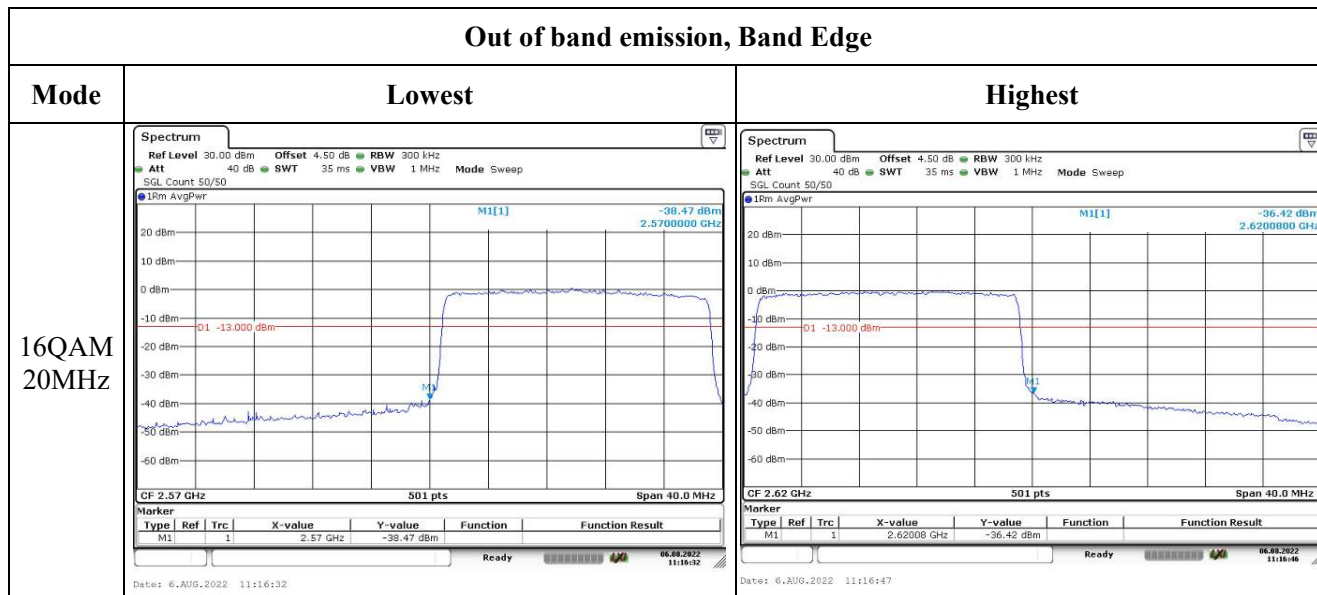
Out of band emission, Band Edge



Out of band emission, Band Edge



Out of band emission, Band Edge



4.7 Antenna Port Test Data and Results for LTE Band 40

Serial Number:	CR22010034-RF-S1	Test Date:	2022-08-06~2022-11-14
Test Site:	RF	Test Mode:	Transmitting
Tester:	George Chen	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.5~26.6	Relative Humidity: (%)	63~68	ATM Pressure: (kPa)	100.2~101.4
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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	2022-07-15	2023-07-14
zhuoxiang	Coaxial Cable	SMA-178	211002	Each time	N/A
Unknown	Coaxial tee connector	Unknown	2204004	Each time	N/A
YINSAIGE	Coaxial Cable	SS402	SJ0100003	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554404	Each time	N/A
R&S	Wideband Radio Communication Tester	CMW500	149218	2022-07-15	2023-07-14
BACL	TEMP&HUMI Test Chamber	BTH-150-40	30174	2022-04-06	2023-04-05
UNI-T	Multimeter	UT39A+	C210582554	2021-09-30	2022-09-29
UNI-T	Multimeter	UT39A+	C210582554	2022-09-29	2023-09-28
ZHAOXIN	DC Power Supply	RXN-6010D	21R6010D0912386	N/A	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).

Test Frequency For Each Mode:

Operation Band	Operation Bandwidth	Lowest Frequency (MHz)	Middle Frequency (MHz)	Highest Frequency (MHz)
LTE Band 40 Lower 2305-2315MHz	5MHz	2307.5	/	2312.5
	10MHz	/	2310	/
LTE Band 40 Upper	5MHz	2352.5	/	2357.5
	10MHz	/	2355	/

Test Data:(Note:Uplink Downlink configuration 3 was tested)

FCC§2.1046;§ 27.50(a)(3)**LTE Band 40 Lower:****RF Output Power:**

Test Bandwidth & Modulation	Resource Block & RB offset	Conducted Average Output Power(dBm)			Maximum EIRP (dBm)	Limit (dBm)
		Lowest Channel	Middle Channel	Highest Channel		
5MHz QPSK	RB1#0	20.05	/	20.04	23.3	24
	RB1#13	20.16	/	20.18		
	RB1#24	20	/	19.97		
	RB15#0	20.21	/	20.32		
	RB15#10	20.24	/	20.24		
	RB25#0	20.18	/	20.31		
5MHz 16QAM	RB1#0	19.36	/	20.52	23.72	24
	RB1#13	19.5	/	20.74		
	RB1#24	19.52	/	20.41		
	RB15#0	19.92	/	20.21		
	RB15#10	20.02	/	20.25		
	RB25#0	20.21	/	20.37		
10MHz QPSK	RB1#0	/	20.22	/	23.26	24
	RB1#25	/	20.22	/		
	RB1#49	/	20.24	/		
	RB25#0	/	20.28	/		
	RB25#25	/	20.26	/		
	RB50#0	/	20.28	/		
10MHz 16QAM	RB1#0	/	19.93	/	23.31	24
	RB1#25	/	20.16	/		
	RB1#49	/	20.08	/		
	RB25#0	/	20.22	/		
	RB25#25	/	20.13	/		
	RB50#0	/	20.33	/		

EIRP PSD in 5MHz:

Test Bandwidth & Modulation	Resource Block & RB offset	Conducted PSD(dBm/5MHz)			Maximum EIRP PSD (dBm/5MHz)	Limit (dBm/5MHz)
		Lowest Channel	Middle Channel	Highest Channel		
10MHz QPSK	RB1#0	/	19.2	/	20.94	24
	RB1#25	/	19.2	/		
	RB1#49	/	19.21	/		
	RB25#0	/	19.22	/		
	RB25#25	/	19.22	/		
	RB50#0	/	19.22	/		

10MHz 16QAM	RB1#0	/	18.99	/	20.83	24
	RB1#25	/	19.03	/		
	RB1#49	/	19.01	/		
	RB25#0	/	19.08	/		
	RB25#25	/	19.03	/		
	RB50#0	/	19.11	/		

Note:

For 5MHz mode, the channel power is equal to the test result in dBm/5MHz.

EIRP=Conducted Power(dBm) - Cable loss(dB) + Antenna Gain(dBi)

EIRP PSD=Conducted PSD(dBm/5MHz) - Cable loss(dB) + Antenna Gain(dBi)

LTE Band 40 Upper:

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	19.96	/	19.95	21.93	24
	RB1#13	20.21	/	19.93		
	RB1#24	19.93	/	19.97		
	RB15#0	20.18	/	20.12		
	RB15#10	20.12	/	20.1		
	RB25#0	20.11	/	20.08		
5MHz 16QAM	RB1#0	19.39	/	20.54	22.26	24
	RB1#13	19.45	/	20.5		
	RB1#24	19.36	/	20.45		
	RB15#0	19.84	/	19.99		
	RB15#10	19.86	/	20.05		
	RB25#0	20.09	/	20.06		
10MHz QPSK	RB1#0	/	20.17	/	21.94	24
	RB1#25	/	20.15	/		
	RB1#49	/	20.09	/		
	RB25#0	/	20.22	/		
	RB25#25	/	20.08	/		
	RB50#0	/	20.21	/		
10MHz 16QAM	RB1#0	/	19.99	/	21.91	24
	RB1#25	/	20.19	/		
	RB1#49	/	19.92	/		
	RB25#0	/	20.15	/		
	RB25#25	/	20.08	/		
	RB50#0	/	20.03	/		

EIRP PSD in 5MHz:

Test Bandwidth & Modulation	Resource Block & RB offset	Conducted PSD(dBm/5MHz)			Maximum EIRP PSD (dBm/5MHz)	Limit (dBm/5MHz)
		Lowest Channel	Middle Channel	Highest Channel		
10MHz QPSK	RB1#0	/	19.06	/	20.84	24
	RB1#25	/	19.05	/		
	RB1#49	/	19.02	/		
	RB25#0	/	19.11	/		
	RB25#25	/	19.08	/		
	RB50#0	/	19.12	/		
10MHz 16QAM	RB1#0	/	18.99	/	20.82	24
	RB1#25	/	19.1	/		
	RB1#49	/	18.98	/		
	RB25#0	/	19.07	/		
	RB25#25	/	19.01	/		
	RB50#0	/	19.04	/		

Note:

For 5MHz mode, the channel power is equal to the test result in dBm/5MHz.

EIRP=Conducted Power(dBm) - Cable loss(dB) + Antenna Gain(dBi)

EIRP PSD=Conducted PSD(dBm/5MHz) - Cable loss(dB) + Antenna Gain(dBi)

Result:**Pass****Duty Cycle**

Operation Band	Modulation	Bandwidth	Ton (ms)	Ton+off (ms)	Duty Cycle (%)	Limit (%)
LTE Band 40 Lower	QPSK	5M	3.12	9.98	31.26	38
		10M	3.12	10.05	31.04	38
	16QAM	5M	3.12	9.98	31.26	38
		10M	3.12	9.98	31.26	38
LTE Band 40 Upper	QPSK	5M	3.12	9.98	31.26	38
		10M	3.12	9.98	31.26	38
	16QAM	5M	3.05	9.98	30.56	38
		10M	3.12	9.98	31.26	38

Result:**Pass**

FCC §2.1049, §27.53:Occupied Bandwidth**LTE Band 40 Lower:**

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	4.51	/	4.53	5.02	/	5.02
5MHz 16QAM	4.51	/	4.51	4.98	/	5.02
10MHz QPSK	/	8.94	/	/	9.88	/
10MHz 16QAM	/	8.94	/	/	9.64	/

LTE Band 40 Upper:

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	4.51	/	4.53	5.02	/	5.04
5MHz 16QAM	4.51	/	4.51	5.12	/	5
10MHz QPSK	/	8.94	/	/	9.6	/
10MHz 16QAM	/	8.94	/	/	9.64	/

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**LTE Band 40 Lower:**

Test Mode:	10M 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	2305.570	2305.000	2314.454	2315.000
	-20	3.8	2305.523	2305.000	2314.495	2315.000
	-10	3.8	2305.505	2305.000	2314.408	2315.000
	0	3.8	2305.515	2305.000	2314.445	2315.000
	10	3.8	2305.530	2305.000	2314.458	2315.000
	20	3.8	2305.529	2305.000	2314.471	2315.000
	30	3.8	2305.596	2305.000	2314.447	2315.000
	40	3.8	2305.524	2305.000	2314.493	2315.000
	50	3.8	2305.528	2305.000	2314.496	2315.000

Frequency Stability vs. Voltage	20	3.5	2305.567	2305.000	2314.425	2315.000
	20	4.35	2305.523	2305.000	2314.495	2315.000
					Result:	Pass

Test Mode:	10M 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	2305.598	2305.000	2314.453	2315.000
	-20	3.8	2305.542	2305.000	2314.444	2315.000
	-10	3.8	2305.571	2305.000	2314.471	2315.000
	0	3.8	2305.513	2305.000	2314.423	2315.000
	10	3.8	2305.544	2305.000	2314.436	2315.000
	20	3.8	2305.529	2305.000	2314.471	2315.000
	30	3.8	2305.517	2305.000	2314.409	2315.000
	40	3.8	2305.547	2305.000	2314.417	2315.000
	50	3.8	2305.547	2305.000	2314.412	2315.000
Frequency Stability vs. Voltage	20	3.5	2305.509	2305.000	2314.434	2315.000
	20	4.35	2305.571	2305.000	2314.412	2315.000
					Result:	Pass

LTE Band 40 Upper:						
Test Mode:	10M 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	2350.818	2350.000	2359.429	2360.000
	-20	3.8	2350.132	2350.000	2359.466	2360.000
	-10	3.8	2350.595	2350.000	2359.433	2360.000
	0	3.8	2350.449	2350.000	2359.450	2360.000
	10	3.8	2350.442	2350.000	2359.493	2360.000
	20	3.8	2350.529	2350.000	2359.471	2360.000
	30	3.8	2350.031	2350.000	2359.462	2360.000
	40	3.8	2350.671	2350.000	2359.447	2360.000
	50	3.8	2350.357	2350.000	2359.468	2360.000
Frequency Stability vs. Voltage	20	3.5	2350.635	2350.000	2359.468	2360.000
	20	4.35	2350.219	2350.000	2359.471	2360.000
					Result:	Pass

Test Mode:	10M 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	2350.503	2350.000	2359.445	2360.000
	-20	3.8	2350.594	2350.000	2359.421	2360.000
	-10	3.8	2350.565	2350.000	2359.415	2360.000
	0	3.8	2350.545	2350.000	2359.466	2360.000
	10	3.8	2350.527	2350.000	2359.407	2360.000
	20	3.8	2350.529	2350.000	2359.471	2360.000
	30	3.8	2350.557	2350.000	2359.461	2360.000
	40	3.8	2350.567	2350.000	2359.403	2360.000
	50	3.8	2350.596	2350.000	2359.430	2360.000
Frequency Stability vs. Voltage	20	3.5	2350.504	2350.000	2359.466	2360.000
	20	4.35	2350.513	2350.000	2359.430	2360.000
					Result:	Pass

Test Plots(Note: The 4.5dB is the Insertion loss of the RF cable, Coaxial tee connector and DC Block, which was offset into the Spectrum Analyzer):

Occupied Bandwidth (2305~2315)