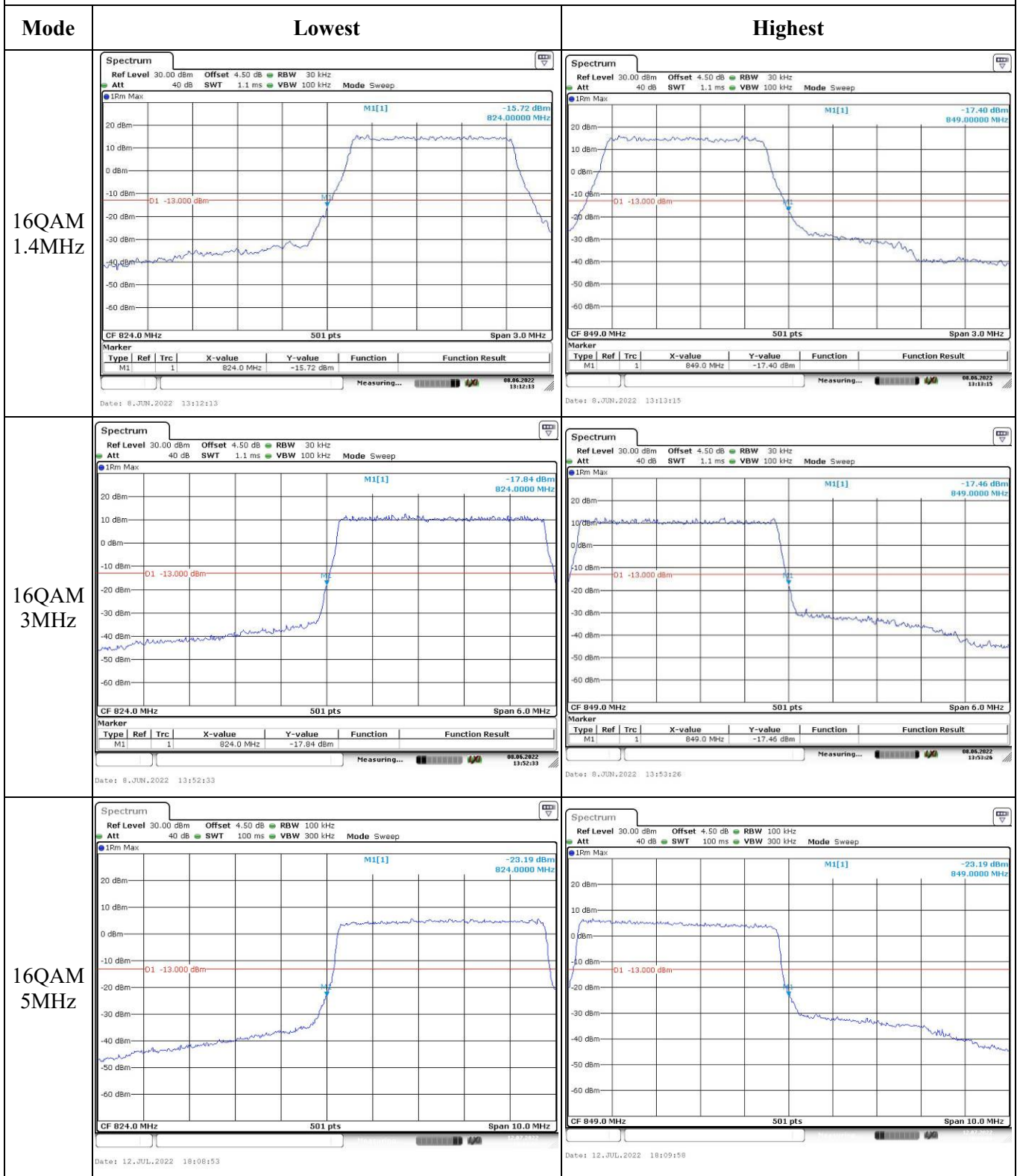
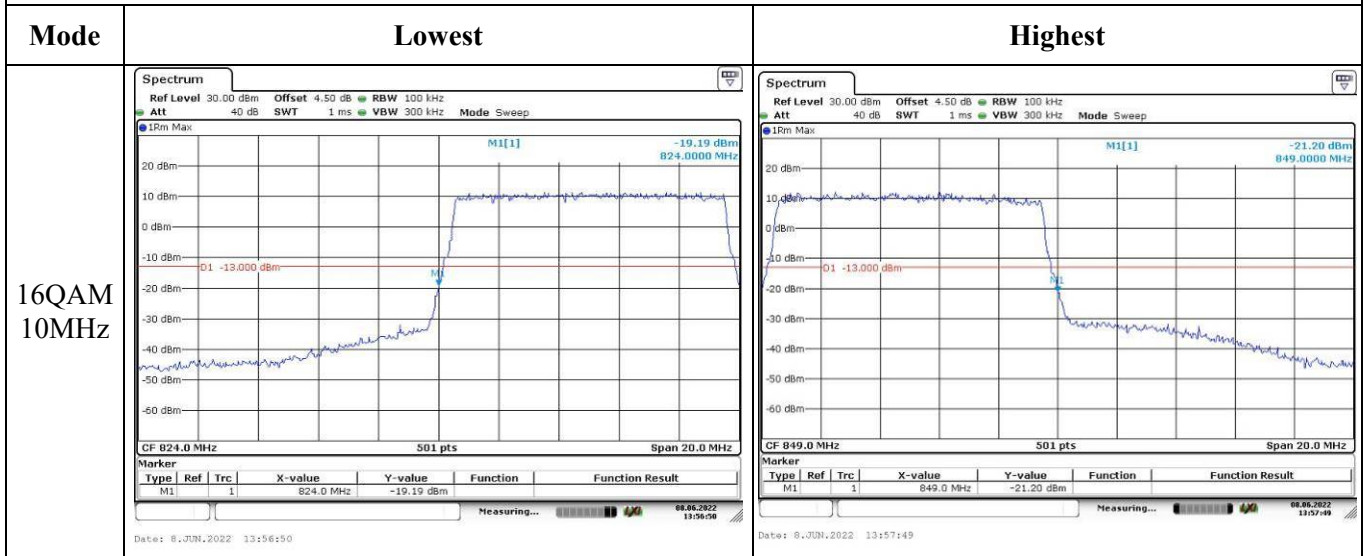


Out of band emission, Band Edge



Out of band emission, Band Edge



4.7 Antenna Port Test Data and Results for LTE Band 12:

Serial Number:	CR22050037-RF-S1	Test Date:	2022-06-02~2022-07-12
Test Site:	RF	Test Mode:	Transmitting
Tester:	Rinka Li	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.9~26	Relative Humidity: (%)	67	ATM Pressure: (kPa)	100.0~100.1
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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	2021-07-22	2022-07-21
zhuoxiang	Coaxial Cable	SMA-178	211002	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554404	Each time	N/A
R&S	Wideband Radio Communication Tester	CMW500	149218	2021-07-22	2022-07-21
UNI-T	Multimeter	UT39A+	C210582554	2021-09-30	2022-09-29
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 12▲:

Antenna Gain (dBi):	-0.7	Antenna Gain (dBd):	-2.85	Cable Loss (dB):	0
Operation Voltage(V _{DC}):					
Lowest:	10.8	Normal:	13.8	Highest:	36

Test Frequency For Each Mode:

Operation Bandwidth	Lowest Frequency (MHz)	Middle Frequency (MHz)	Highest Frequency (MHz)
1.4MHz	699.7	707.5	715.3
3MHz	700.5	707.5	714.5
5MHz	701.5	707.5	713.5
10MHz	704	707.5	711

Test Data:**FCC§2.1046;§ 27.50(c) (10)****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	23.61	23.51	23.79	21.13	34.77
	RB1#3	23.86	23.76	23.98		
	RB1#5	23.64	23.63	23.9		
	RB3#0	23.54	23.65	23.66		
	RB3#3	23.58	23.68	23.72		
	RB6#0	22.64	22.73	22.77		
1.4MHz 16QAM	RB1#0	22.56	22.56	22.77	20.17	34.77
	RB1#3	22.82	22.69	23.02		
	RB1#5	22.62	22.52	22.85		
	RB3#0	22.47	22.73	22.63		
	RB3#3	22.65	22.71	22.74		
	RB6#0	21.64	21.58	21.61		
3MHz QPSK	RB1#0	23.57	23.64	23.24	20.87	34.77
	RB1#8	23.62	23.72	22.99		
	RB1#14	23.63	23.7	23.08		
	RB6#0	22.67	22.66	22.21		
	RB6#9	22.63	22.77	22.17		
	RB15#0	22.62	22.7	22.19		
3MHz 16QAM	RB1#0	22.45	22.54	22.04	19.99	34.77
	RB1#8	22.6	22.6	21.93		
	RB1#14	22.32	22.84	22.09		
	RB6#0	21.6	21.51	21.19		
	RB6#9	21.6	21.77	21.03		
	RB15#0	21.62	21.66	21.16		
5MHz QPSK	RB1#0	22.98	22.95	23.31	20.46	34.77
	RB1#13	23.05	23.18	23.02		
	RB1#24	22.82	23.2	23.05		
	RB15#0	22.21	22.14	22.26		
	RB15#10	22.09	22.27	22.1		
	RB25#0	22.18	22.12	22.14		
5MHz 16QAM	RB1#0	22.09	22.15	22.45	19.6	34.77
	RB1#13	22.08	22.14	22.17		
	RB1#24	21.89	22.2	22.14		
	RB15#0	21.26	21.09	21.26		

	RB15#10	21.1	21.21	21.09		
	RB25#0	21.13	21.11	21.08		
10MHz QPSK	RB1#0	23.23	22.92	23.15	20.59	34.77
	RB1#25	23.13	23.26	23.44		
	RB1#49	23.36	23.2	23.11		
	RB25#0	22.16	22.1	22.32		
	RB25#25	22.1	22.25	22.22		
	RB50#0	22.2	22.14	22.2		
10MHz 16QAM	RB1#0	22.16	21.88	22.28	19.61	34.77
	RB1#25	21.93	22.4	22.46		
	RB1#49	22.12	22.22	22.11		
	RB25#0	21.12	21.13	21.26		
	RB25#25	21.08	21.28	21.16		
	RB50#0	21.17	21.11	21.13		

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	4.41	4.49	4.46	13
	RB50#0	5.22	4.96	4.67	13
10MHz 16QAM	RB1#0	5.48	5.33	5.62	13
	RB50#0	6.03	5.97	5.88	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	1.102	1.102	1.102	1.302	1.32	1.308
1.4MHz 16QAM	1.102	1.096	1.108	1.314	1.308	1.332
3MHz QPSK	2.683	2.695	2.695	2.94	2.976	2.964
3MHz 16QAM	2.683	2.695	2.707	2.964	2.976	2.976
5MHz QPSK	4.511	4.531	4.531	4.96	5.02	5.02
5MHz 16QAM	4.511	4.511	4.531	4.96	5.02	5.02
10MHz QPSK	9.022	8.901	8.942	9.8	9.72	9.68
10MHz 16QAM	8.981	8.942	8.901	9.84	9.72	9.6

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.

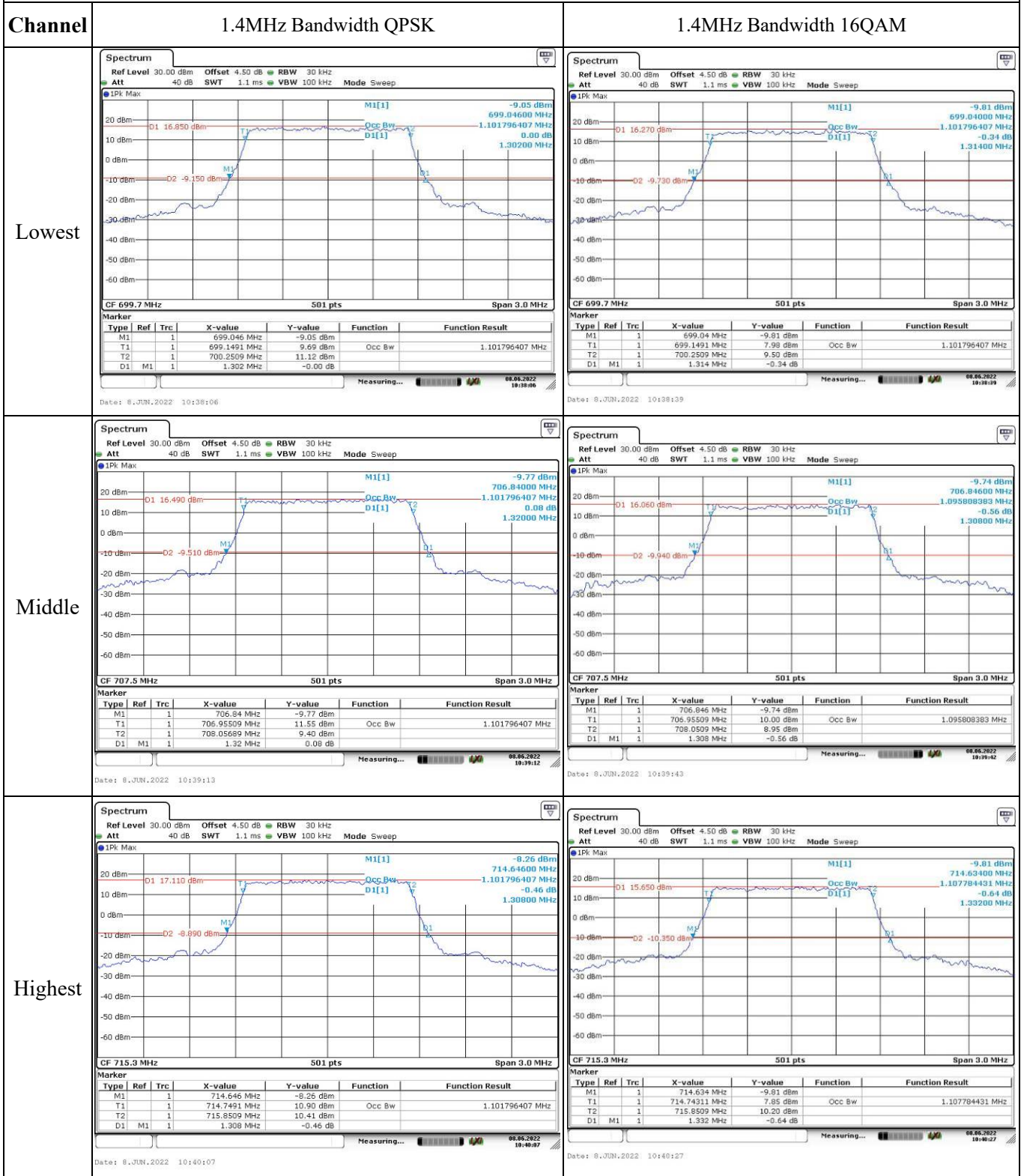
FCC §2.1051, §27.53:Out of band emission, Band Edge	
Result:	Pass, Please refer to the test plots of Out of band emission, Band Edge.

FCC §2.1055, §27.54: Frequency Stability						
Test Mode:	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	13.8	699.537	699.00	715.469	716.00
	-20	13.8	699.536	699.00	715.463	716.00
	-10	13.8	699.533	699.00	715.465	716.00
	0	13.8	699.527	699.00	715.467	716.00
	10	13.8	699.518	699.00	715.467	716.00
	20	13.8	699.514	699.00	715.457	716.00
	30	13.8	699.514	699.00	715.461	716.00
	40	13.8	699.516	699.00	715.464	716.00
Frequency Stability vs. Voltage	20	10.8	699.526	699.00	715.469	716.00
	20	36	699.528	699.00	715.468	716.00
					Result:	Pass

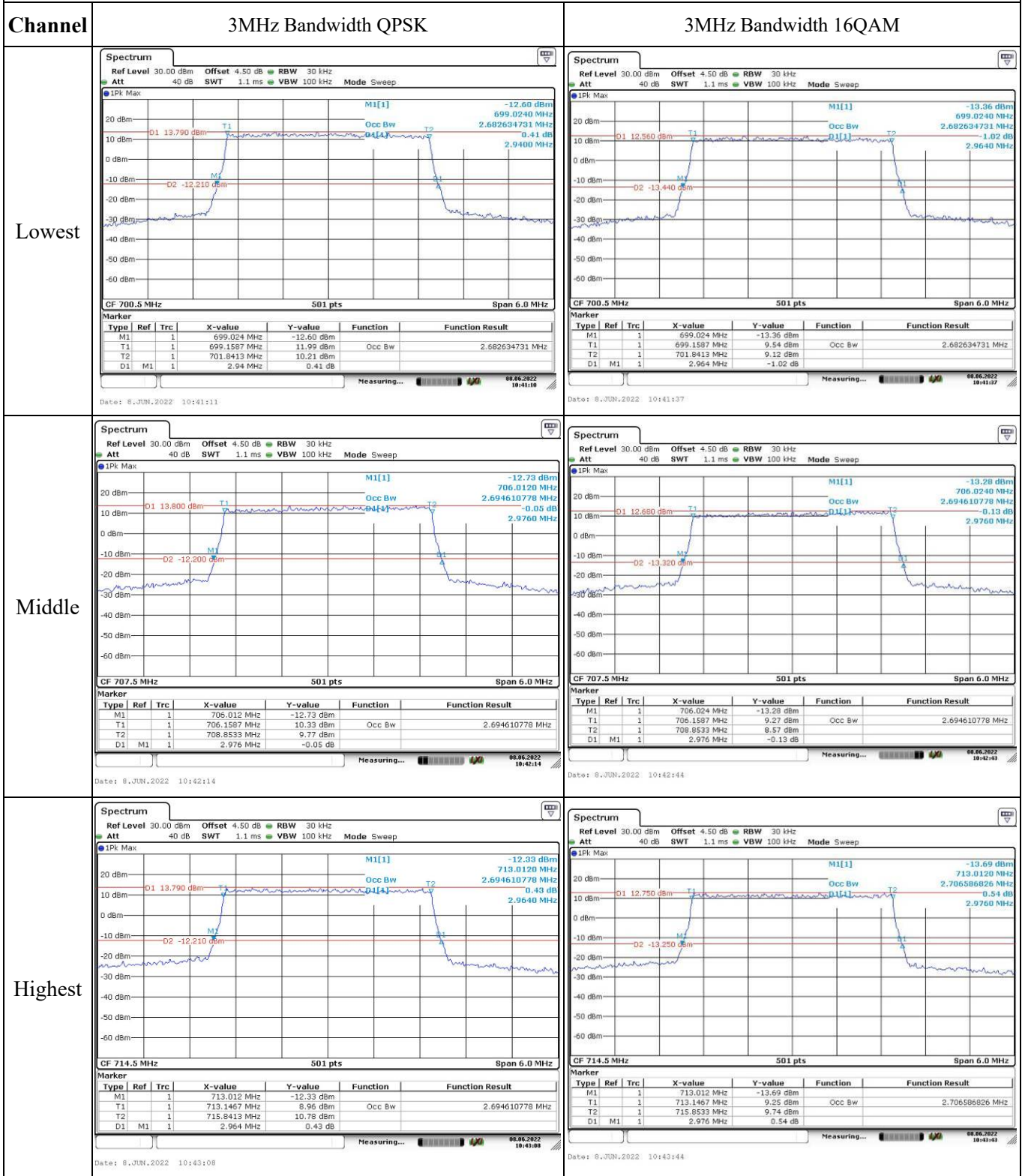
Test Mode:	10M 16QAM	Test Channel: Lowest for Lower Edge,Highest for Upper Edge				
Test Item	Temperature (°C)	Voltage (V _{DC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
Frequency Stability vs. Temperature	-30	13.8	699.548	699.00	715.460	716.00
	-20	13.8	699.543	699.00	715.465	716.00
	-10	13.8	699.541	699.00	715.468	716.00
	0	13.8	699.528	699.00	715.470	716.00
	10	13.8	699.514	699.00	715.458	716.00
	20	13.8	699.514	699.00	715.457	716.00
	30	13.8	699.516	699.00	715.462	716.00
	40	13.8	699.520	699.00	715.457	716.00
Frequency Stability vs. Voltage	20	10.8	699.526	699.00	715.469	716.00
	20	36	699.536	699.00	715.460	716.00
					Result:	Pass

Test Plots:

Occupied Bandwidth



Occupied Bandwidth



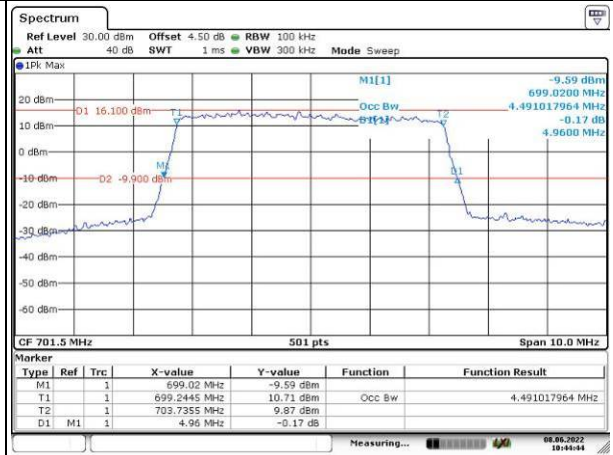
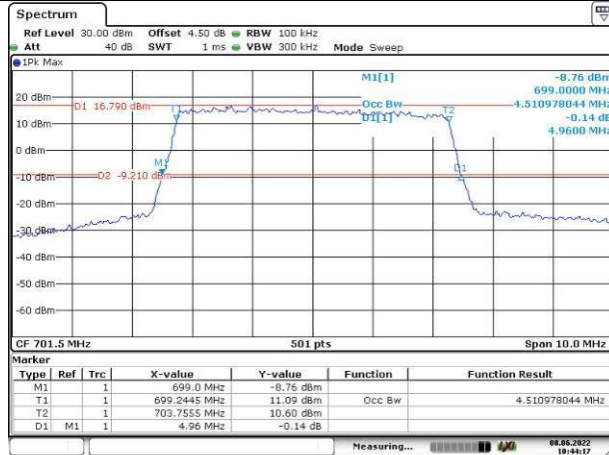
Occupied Bandwidth

Channel

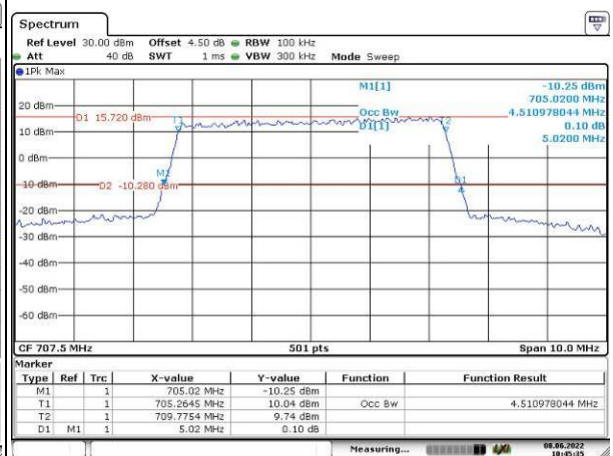
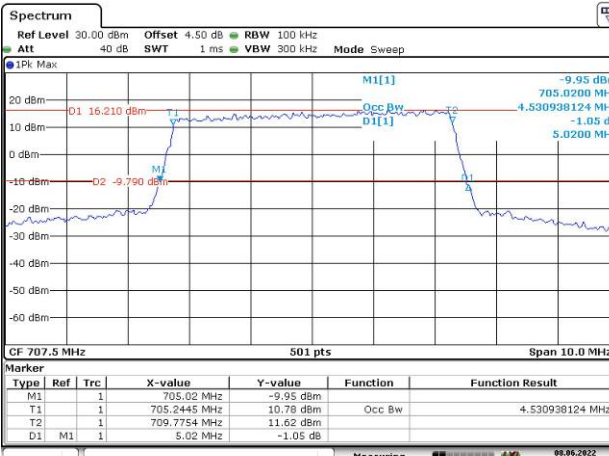
5MHz Bandwidth QPSK

5MHz Bandwidth 16QAM

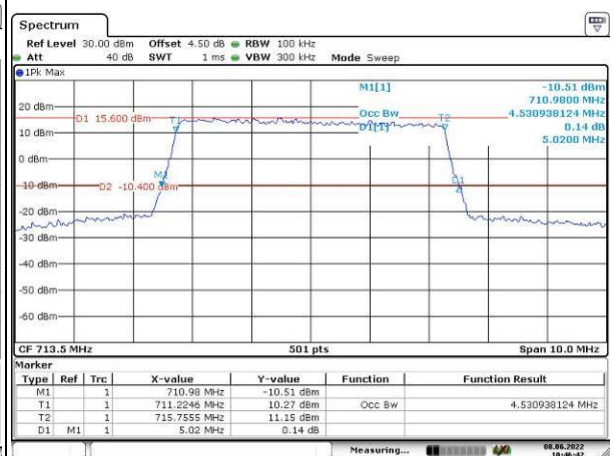
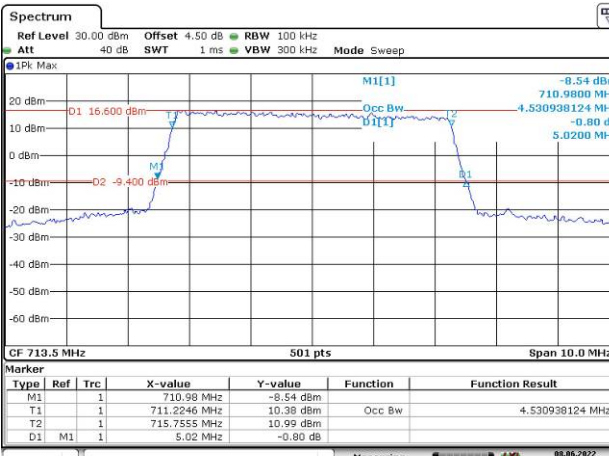
Lowest



Middle



Highest



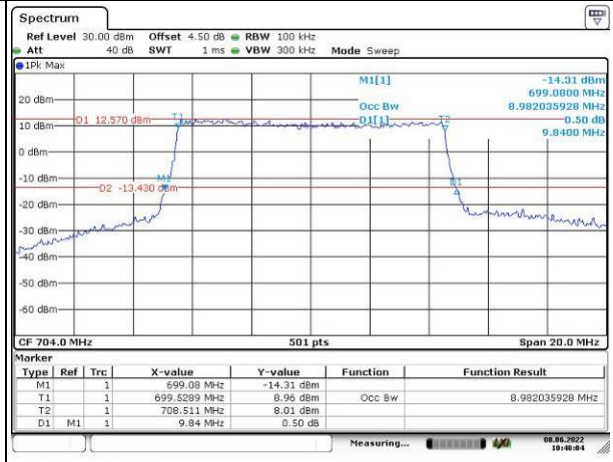
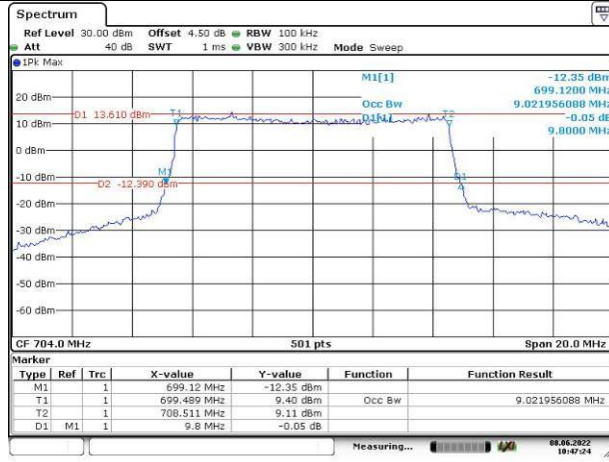
Occupied Bandwidth

Channel

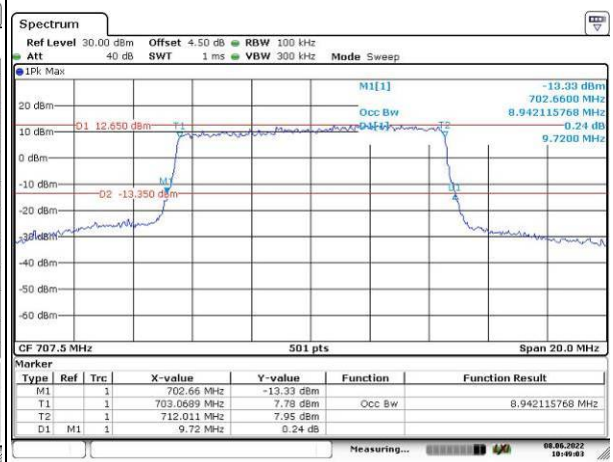
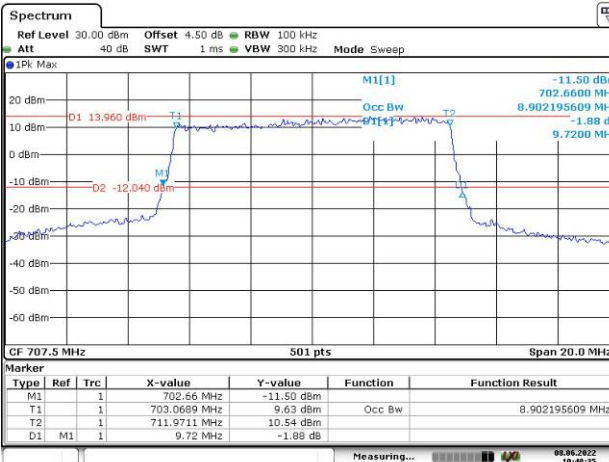
10MHz Bandwidth QPSK

10MHz Bandwidth 16QAM

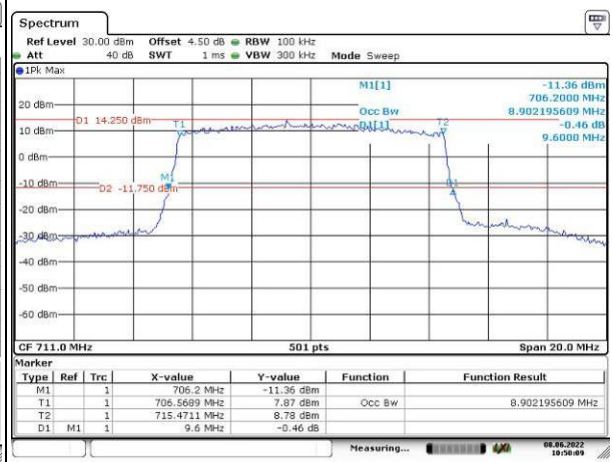
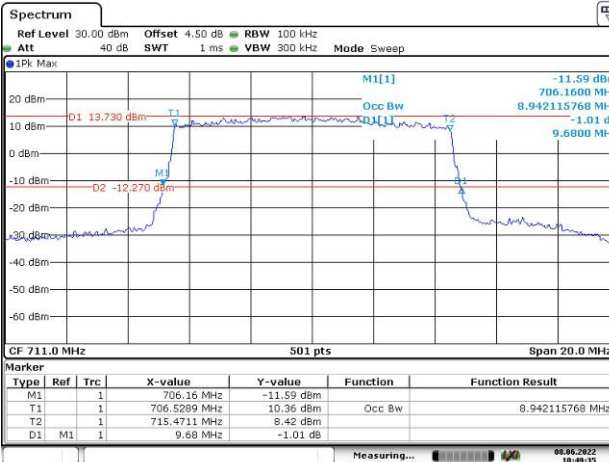
Lowest



Middle



Highest

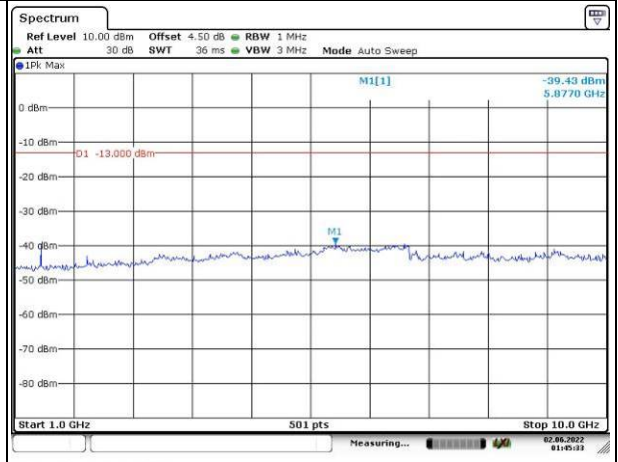
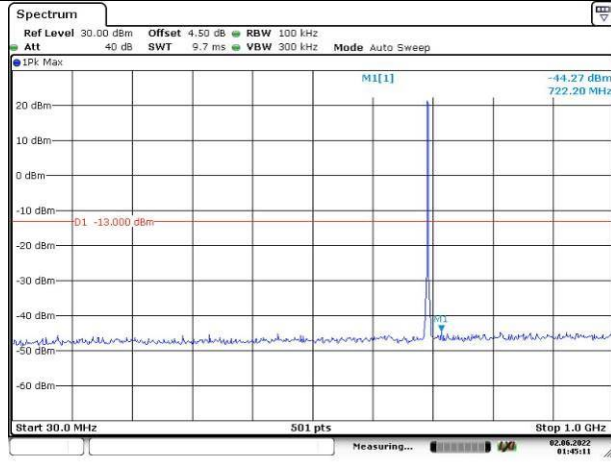


Spurious Emissions at Antenna Terminal

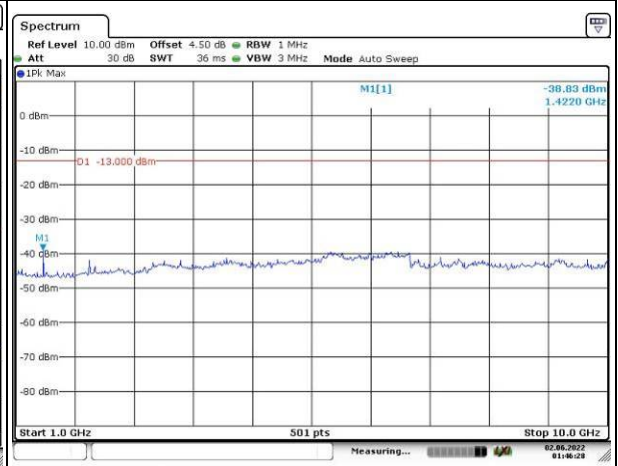
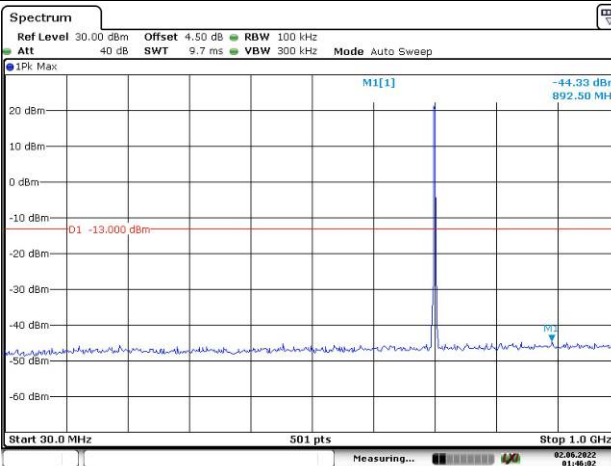
Channel

1.4MHz Bandwidth QPSK

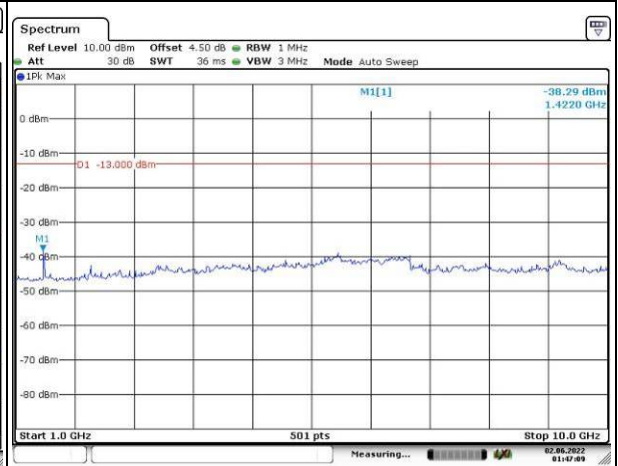
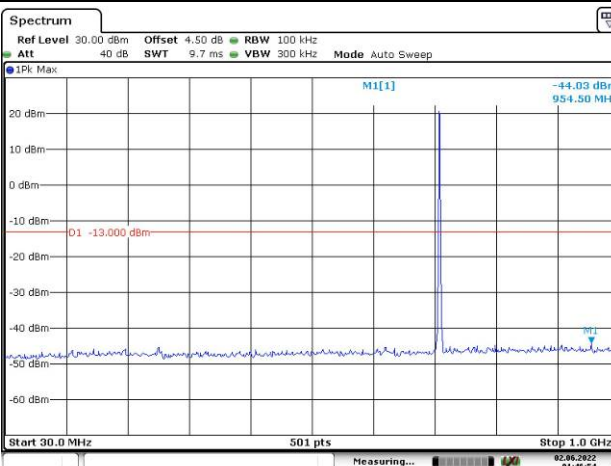
Lowest



Middle



Highest

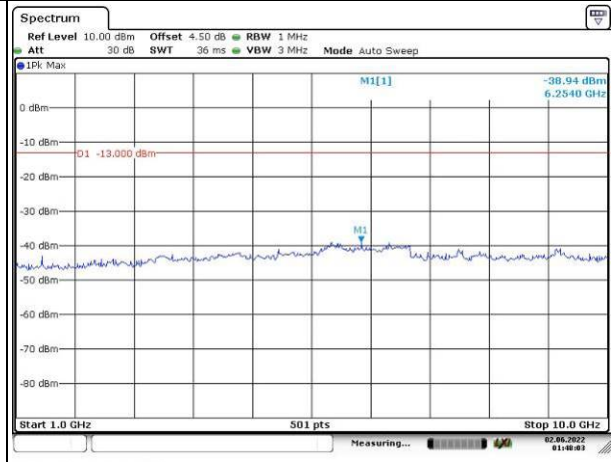
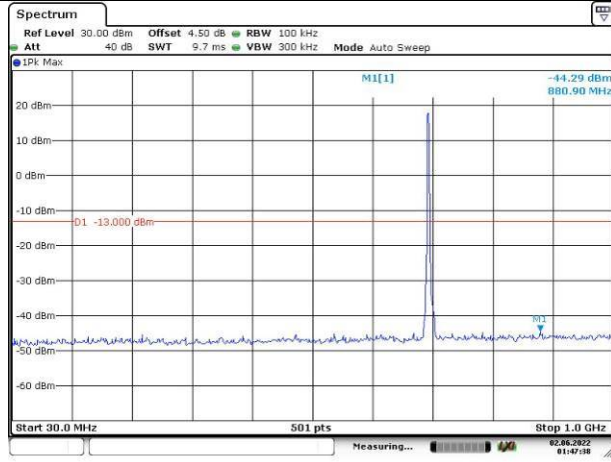


Spurious Emissions at Antenna Terminal

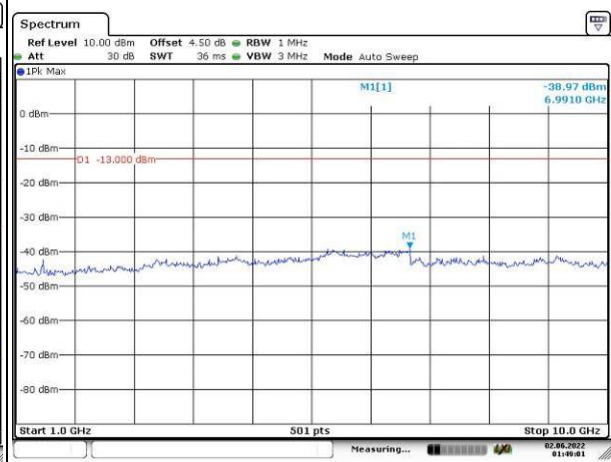
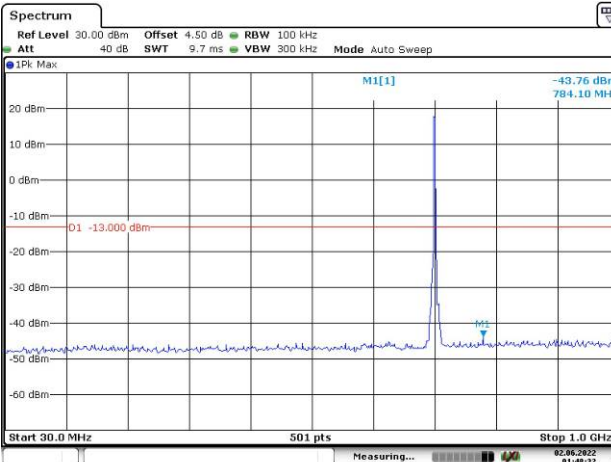
Channel

3MHz Bandwidth QPSK

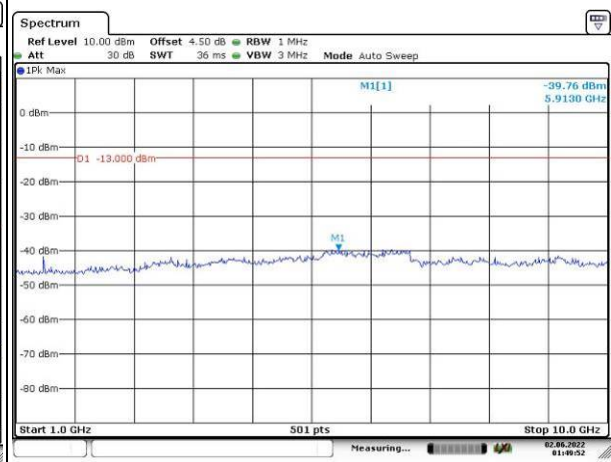
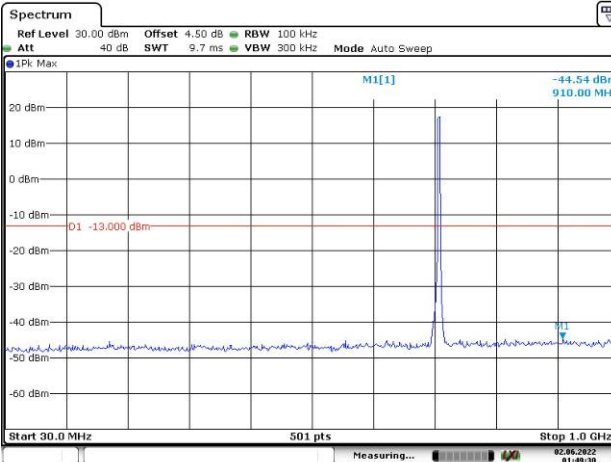
Lowest



Middle



Highest

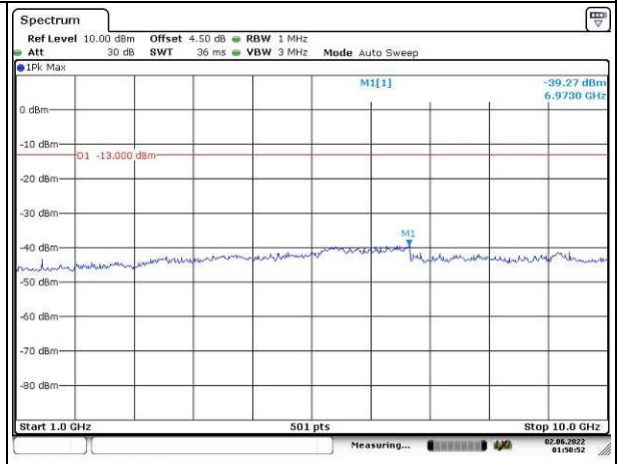
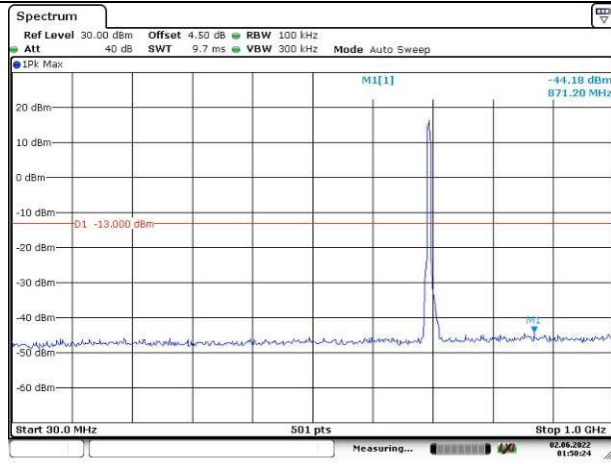


Spurious Emissions at Antenna Terminal

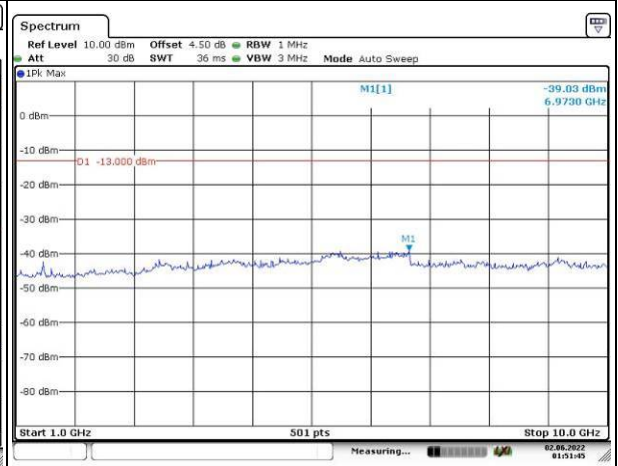
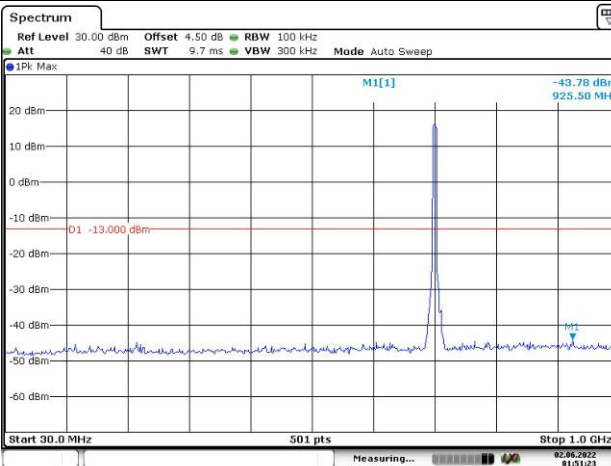
Channel

5MHz Bandwidth QPSK

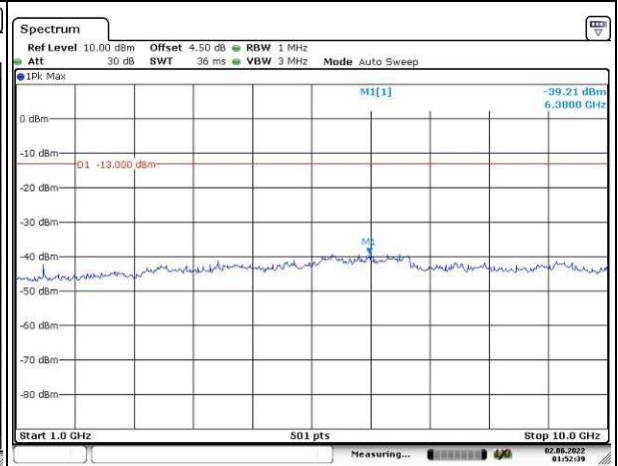
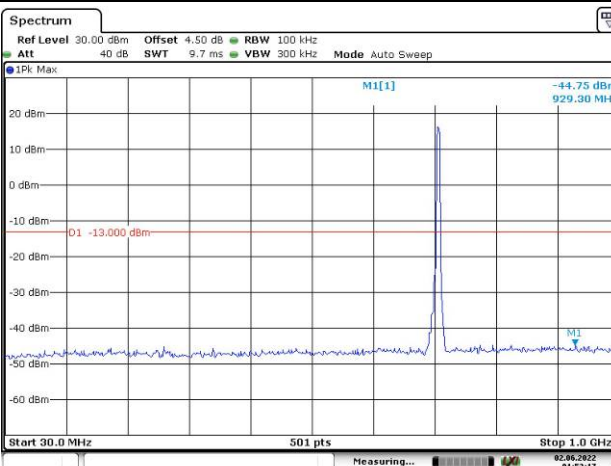
Lowest



Middle



Highest

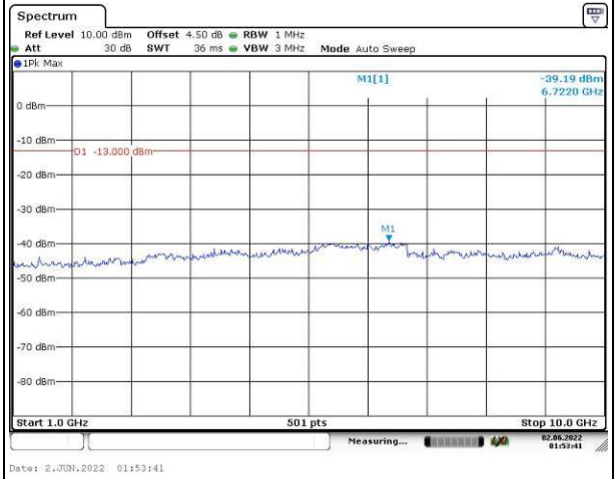
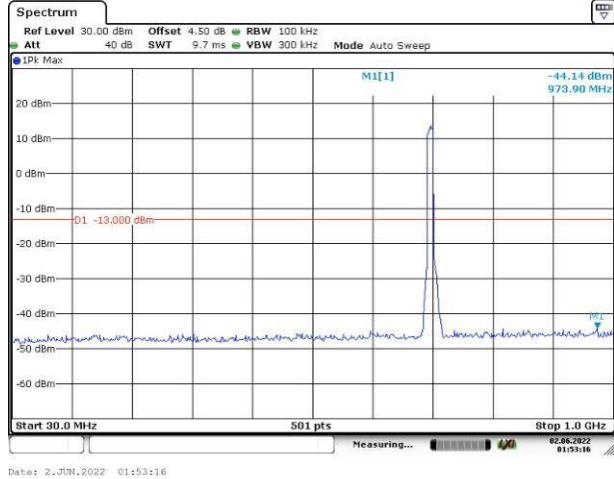


Spurious Emissions at Antenna Terminal

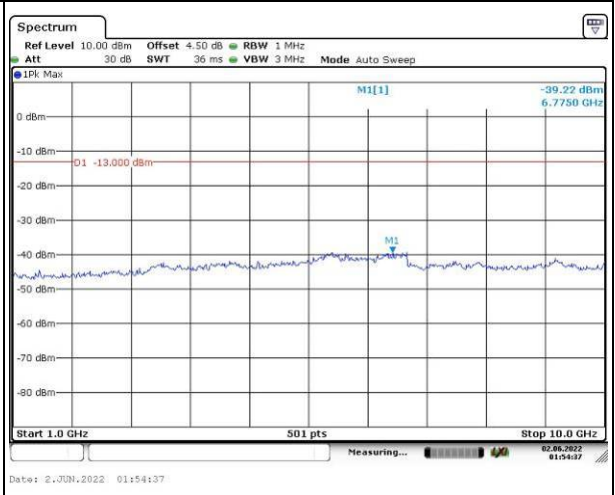
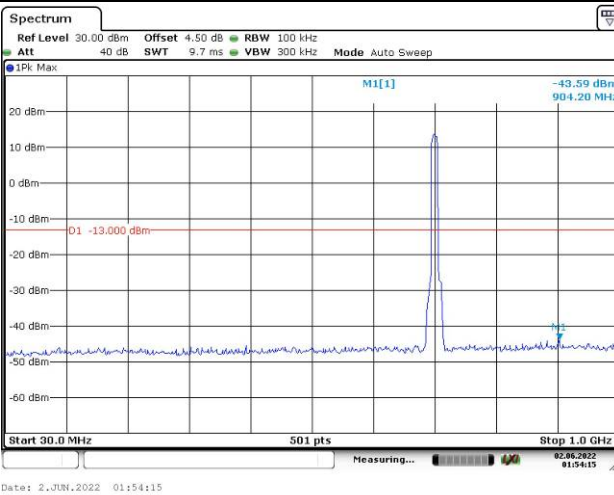
Channel

10MHz Bandwidth QPSK

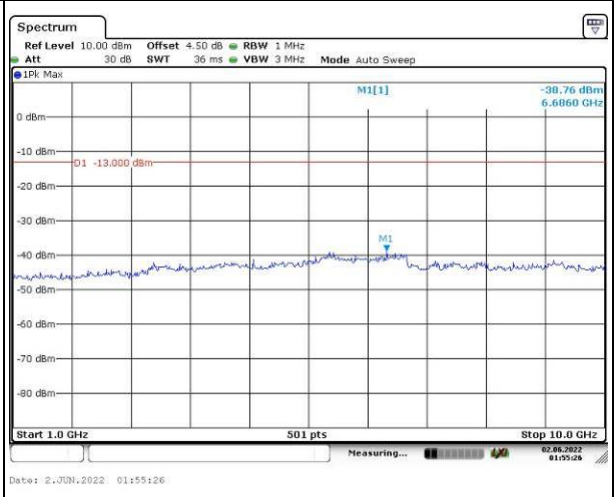
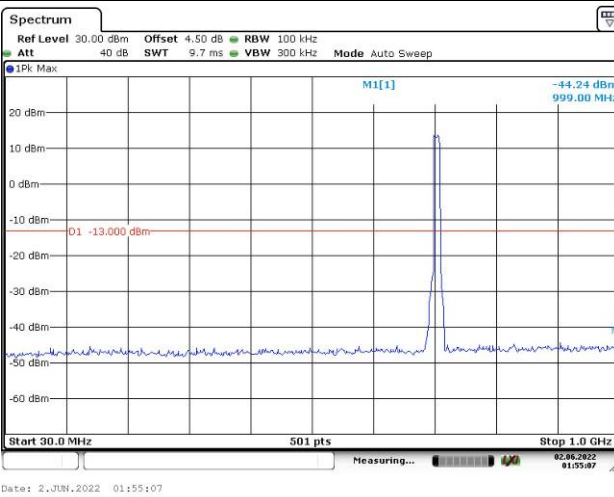
Lowest



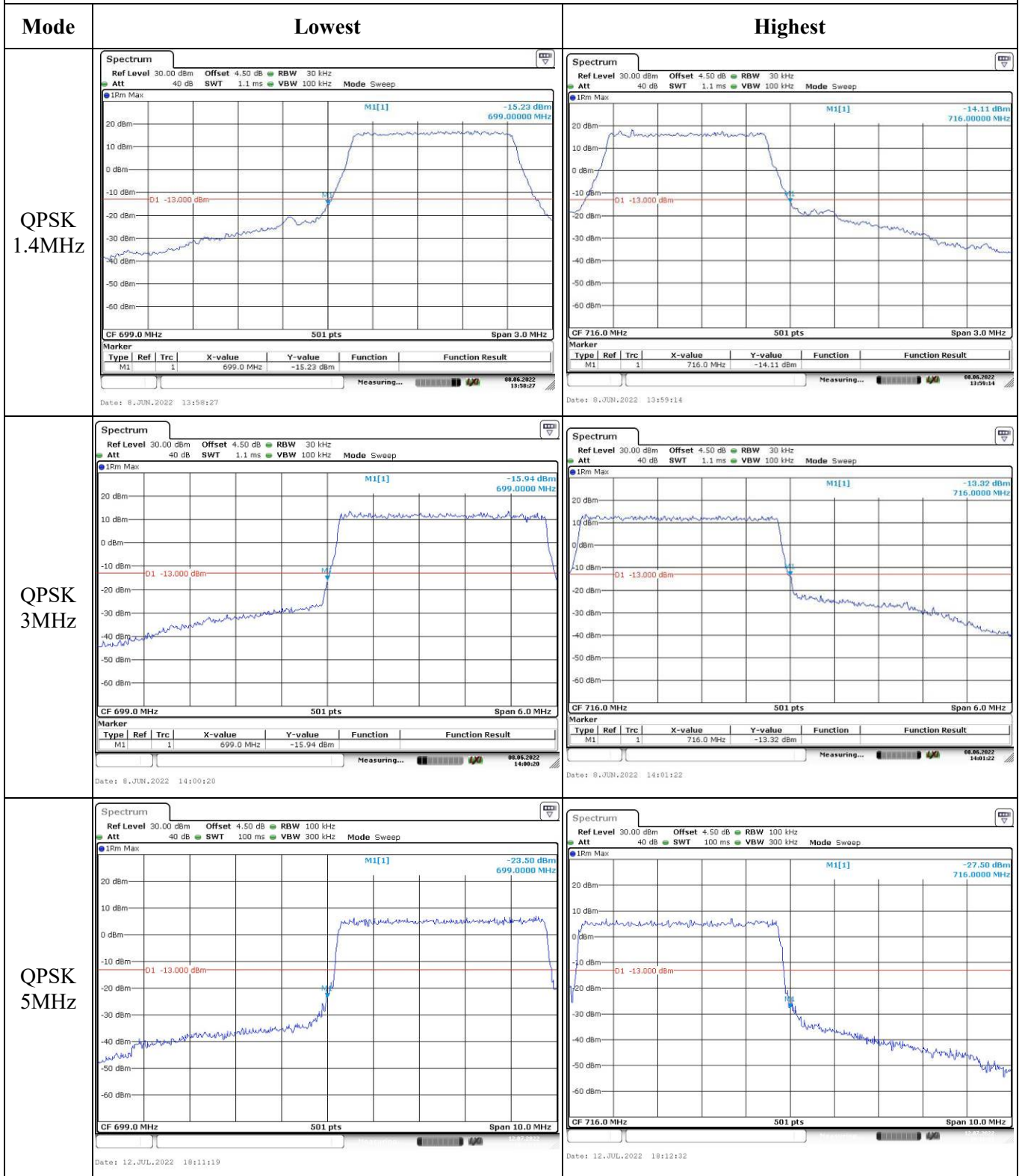
Middle



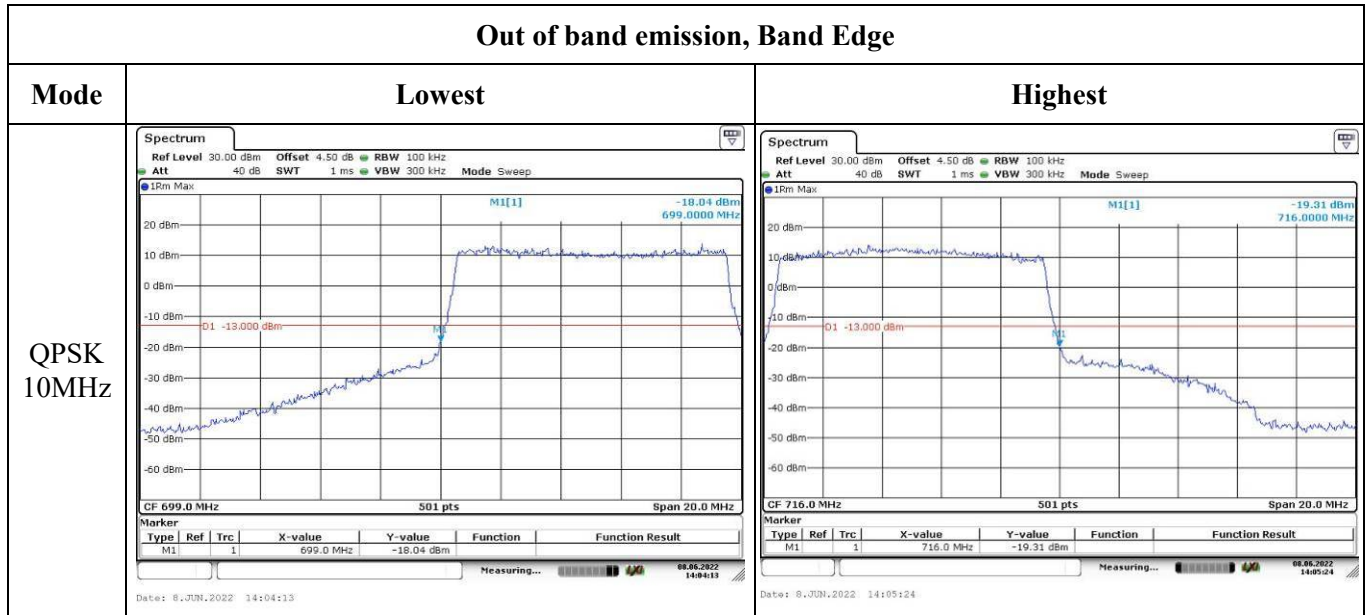
Highest



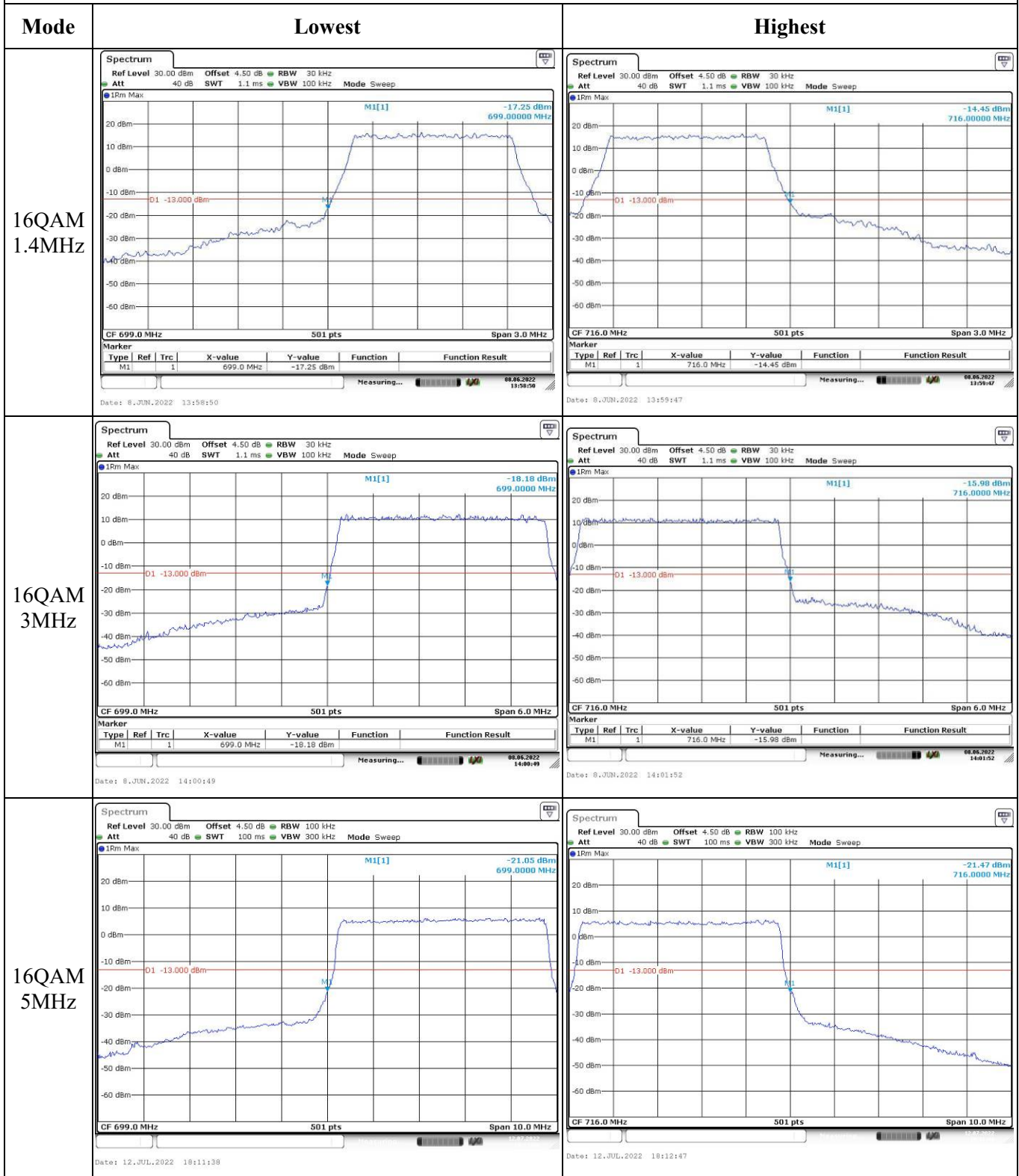
Out of band emission, Band Edge



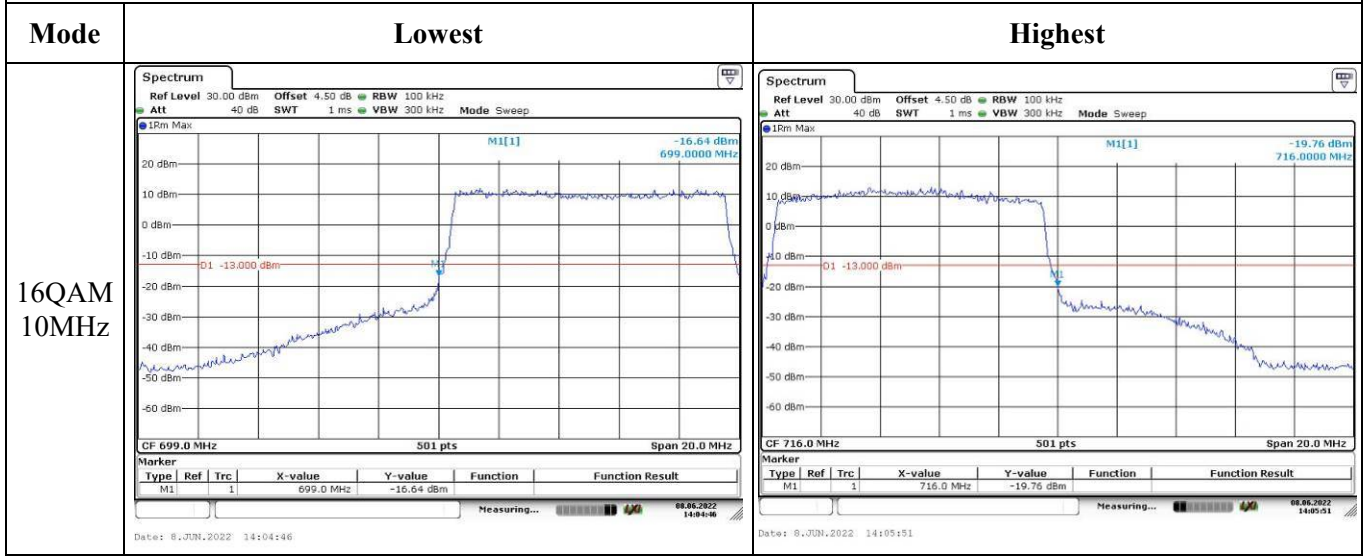
Out of band emission, Band Edge



Out of band emission, Band Edge



Out of band emission, Band Edge



4.8 Antenna Port Test Data and Results for LTE Band 13:

Serial Number:	CR22050037-RF-S1	Test Date:	2022-06-02~2022-06-08
Test Site:	RF	Test Mode:	Transmitting
Tester:	Rinka Li	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.9~26	Relative Humidity: (%)	67	ATM Pressure: (kPa)	100.0~100.1
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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	2021-07-22	2022-07-21
zhuoxiang	Coaxial Cable	SMA-178	211002	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554404	Each time	N/A
R&S	Wideband Radio Communication Tester	CMW500	149218	2021-07-22	2022-07-21
UNI-T	Multimeter	UT39A+	C210582554	2021-09-30	2022-09-29
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 13▲:

Antenna Gain (dBi):	0.31	Antenna Gain (dBd):	-1.84	Cable Loss (dB):	0
Operation Voltage(V _{DC}):					
Lowest:	10.8	Normal:	13.8	Highest:	36

Test Frequency For Each Mode:

Operation Bandwidth	Lowest Frequency (MHz)	Middle Frequency (MHz)	Highest Frequency (MHz)
5MHz	779.5	/	784.5
10MHz	/	782	/

Test Data:**FCC§2.1046;§ 27.50(c) (10)****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		
5MHz QPSK	RB1#0	23.35	/	23.27	21.61	34.77
	RB1#13	23.25	/	23.21		
	RB1#24	23.28	/	23.45		
	RB15#0	22.48	/	22.44		
	RB15#10	22.49	/	22.4		
	RB25#0	22.46	/	22.42		
5MHz 16QAM	RB1#0	22.44	/	22.41	20.77	34.77
	RB1#13	22.21	/	22.35		
	RB1#24	22.42	/	22.61		
	RB15#0	21.45	/	21.44		
	RB15#10	21.44	/	21.35		
	RB25#0	21.41	/	21.38		
10MHz QPSK	RB1#0	/	23.45	/	21.7	34.77
	RB1#25	/	23.46	/		
	RB1#49	/	23.54	/		
	RB25#0	/	22.41	/		
	RB25#25	/	22.35	/		
	RB50#0	/	22.4	/		
10MHz 16QAM	RB1#0	/	22.22	/	20.54	34.77
	RB1#25	/	22.38	/		
	RB1#49	/	22.32	/		
	RB25#0	/	21.43	/		
	RB25#25	/	21.36	/		
	RB50#0	/	21.4	/		

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	/	4.20	/	13
	RB50#0	/	4.46	/	13
10MHz 16QAM	RB1#0	/	5.22	/	13
	RB50#0	/	5.57	/	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	4.53	/	4.51	5.02	/	5.04
5MHz 16QAM	4.51	/	4.51	5	/	5.02
10MHz QPSK	/	8.94	/	/	9.6	/
10MHz 16QAM	/	8.94	/	/	9.72	/

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.

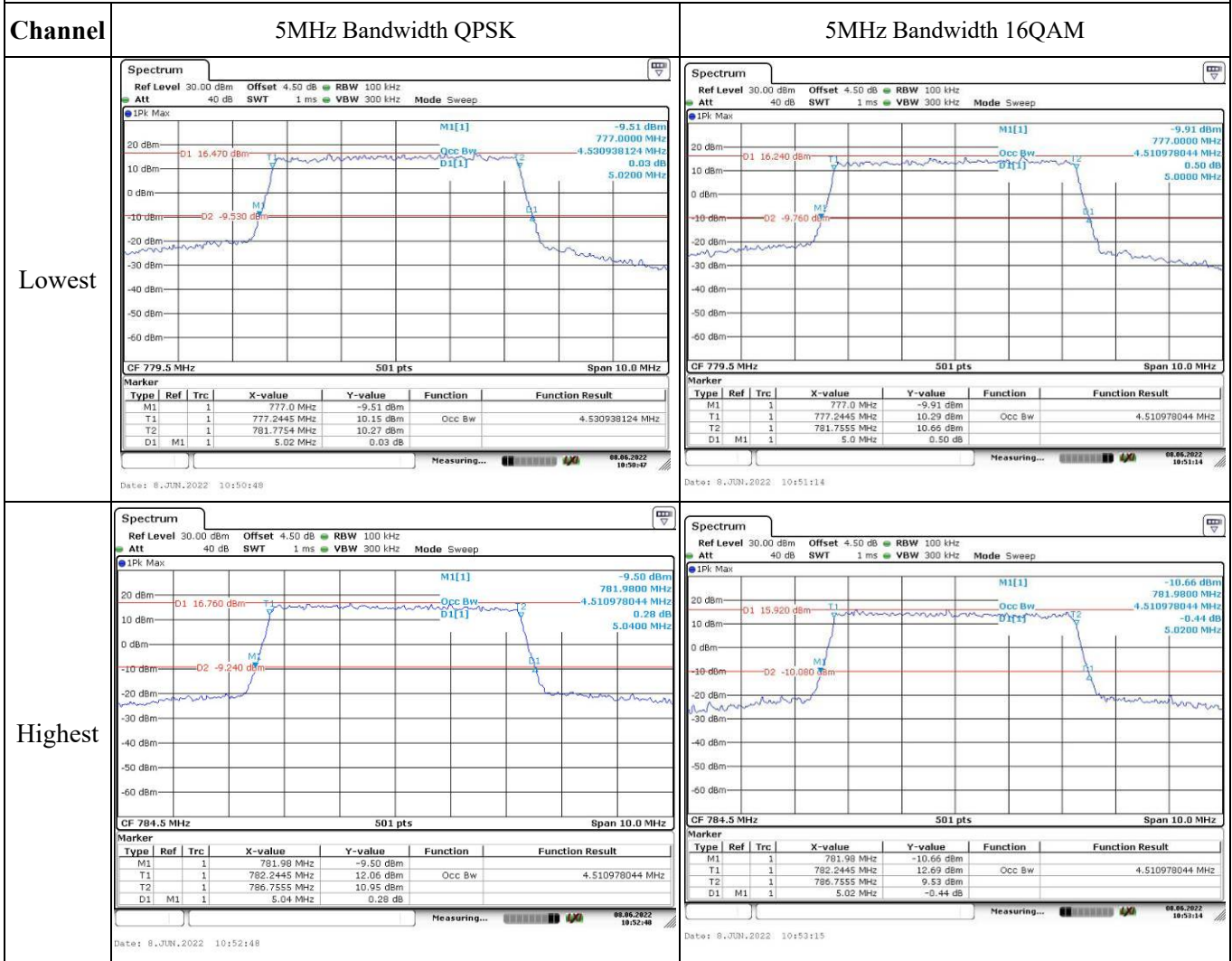
FCC §2.1055, §27.54: Frequency Stability

Test Mode:	10M QPSK	Test Channel: Middle channel				
Test Item	Temperature (°C)	Voltage (V _{DC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
Frequency Stability vs. Temperature	-30	13.8	777.536	777.00	786.484	787.00
	-20	13.8	777.534	777.00	786.474	787.00
	-10	13.8	777.538	777.00	786.477	787.00
	0	13.8	777.542	777.00	786.485	787.00
	10	13.8	777.529	777.00	786.477	787.00
	20	13.8	777.529	777.00	786.471	787.00
	30	13.8	777.543	777.00	786.473	787.00
	40	13.8	777.539	777.00	786.476	787.00
Frequency Stability vs. Voltage	50	13.8	777.538	777.00	786.483	787.00
	20	10.8	777.535	777.00	786.476	787.00
	20	36	777.536	777.00	786.484	787.00
					Result:	Pass

Test Mode:	10M 16QAM	Test Channel: Middle channel				
Test Item	Temperature (°C)	Voltage (V _{DC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
Frequency Stability vs. Temperature	-30	13.8	777.538	777.00	786.484	787.00
	-20	13.8	777.536	777.00	786.478	787.00
	-10	13.8	777.541	777.00	786.483	787.00
	0	13.8	777.539	777.00	786.478	787.00
	10	13.8	777.535	777.00	786.483	787.00
	20	13.8	777.529	777.00	786.471	787.00
	30	13.8	777.532	777.00	786.477	787.00
	40	13.8	777.537	777.00	786.485	787.00
Frequency Stability vs. Voltage	50	13.8	777.537	777.00	786.485	787.00
	20	10.8	777.530	777.00	786.482	787.00
	20	36	777.541	777.00	786.481	787.00
					Result:	Pass

Test Plots:

Occupied Bandwidth



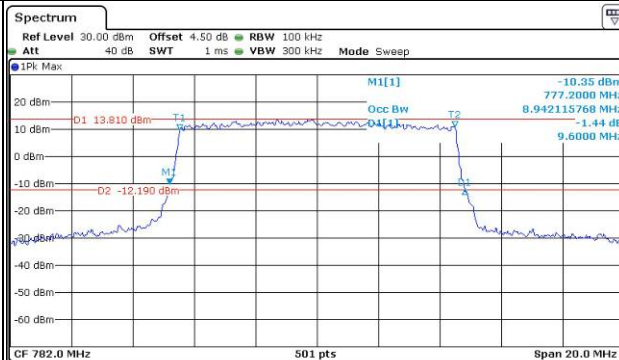
Occupied Bandwidth

Channel

10MHz Bandwidth QPSK

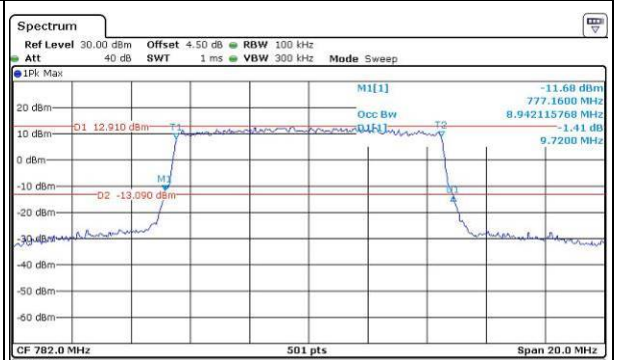
10MHz Bandwidth 16QAM

Middle



Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1			1	777.2 MHz	-10.35 dBm		
T1			1	777.5289 MHz	9.66 dBm	Occ Bw	8.942115768 MHz
T2			1	786.4711 MHz	10.95 dBm		
D1	M1		1	9.6 MHz	-1.44 dB		

Date: 8 JUN. 2022 10:53:45



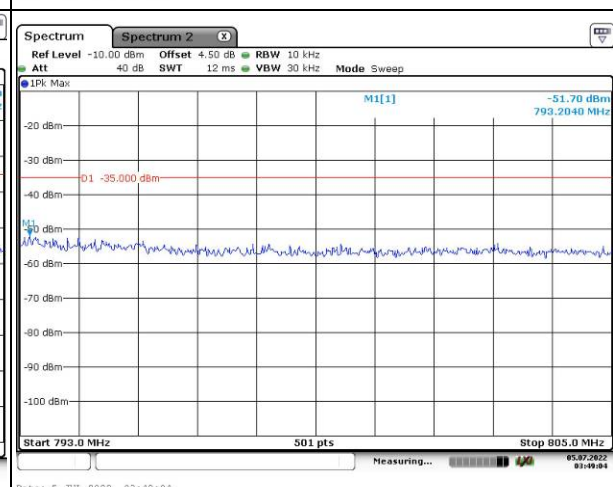
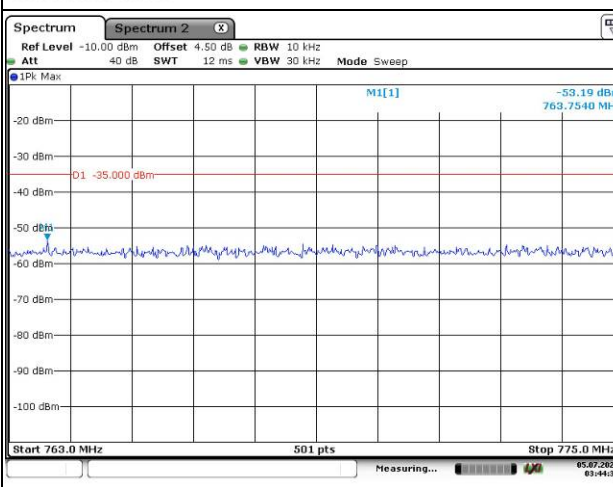
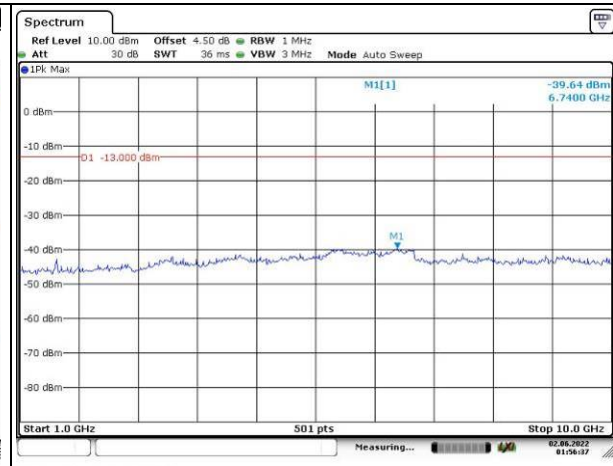
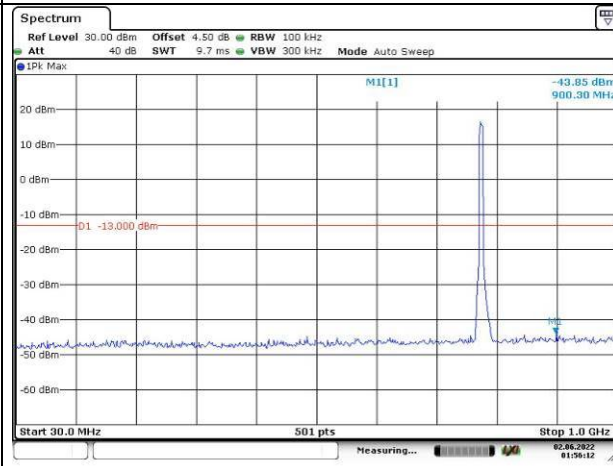
Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1			1	777.16 MHz	-11.68 dBm		
T1			1	777.5289 MHz	8.01 dBm	Occ Bw	8.942115768 MHz
T2			1	786.4711 MHz	8.85 dBm		
D1	M1		1	9.72 MHz	-1.41 dB		

Date: 8 JUN. 2022 10:54:26

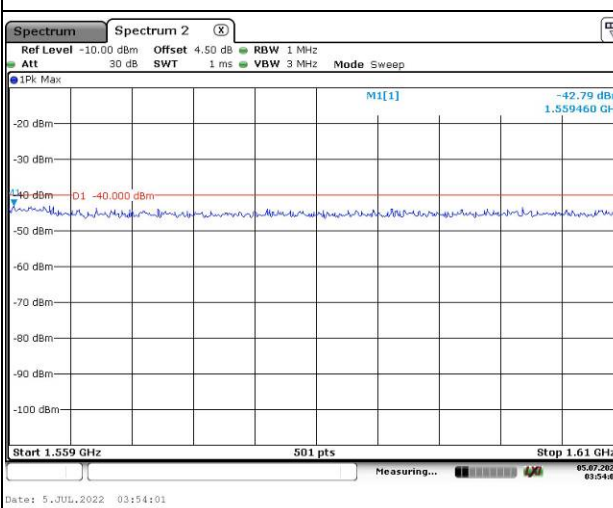
Spurious Emissions at Antenna Terminal

Channel

5MHz Bandwidth QPSK



Lowest

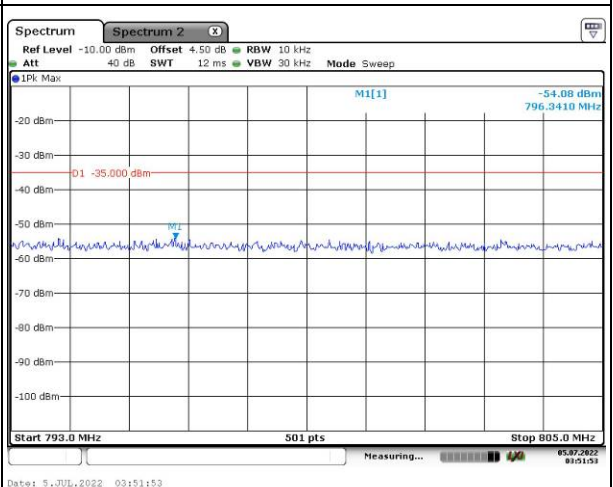
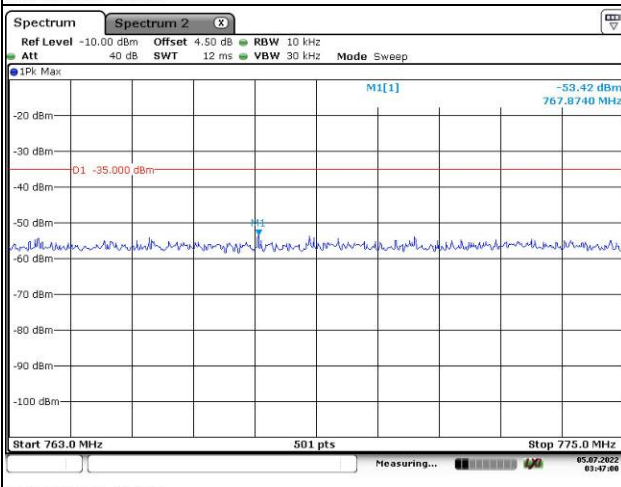
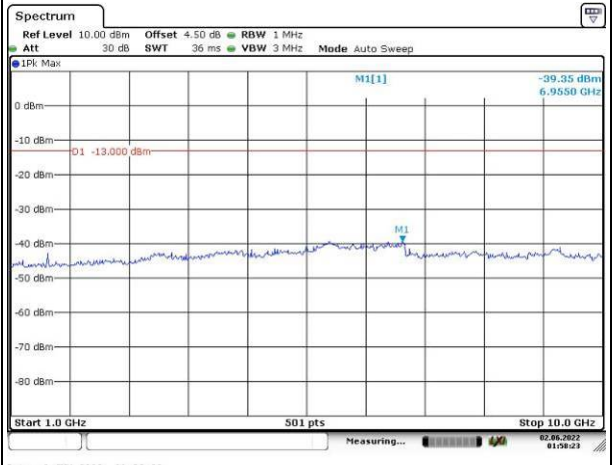
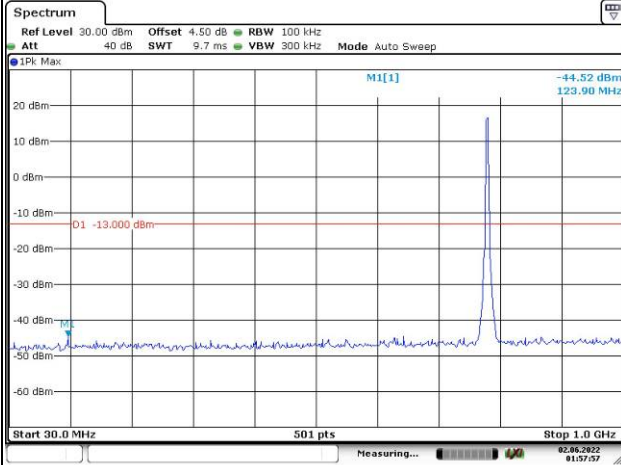


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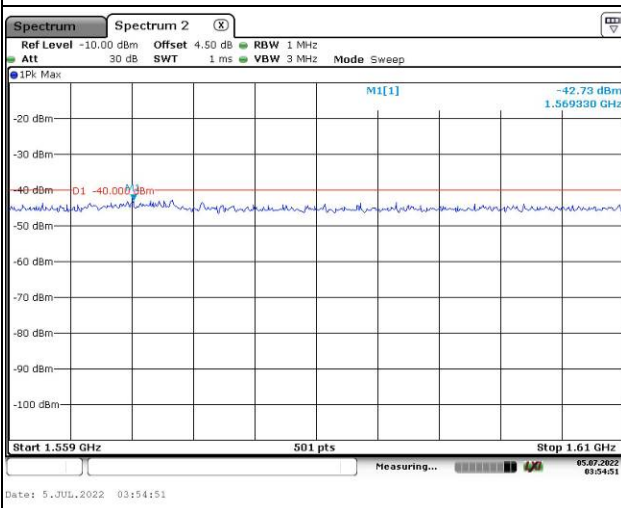
Spurious Emissions at Antenna Terminal

Channel

5MHz Bandwidth QPSK



Highest

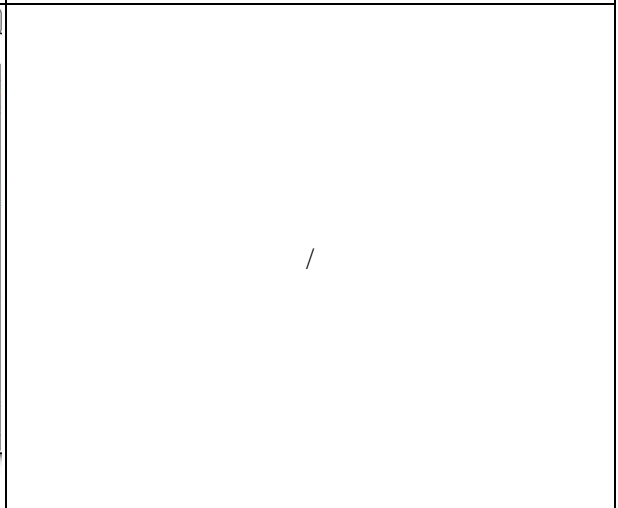
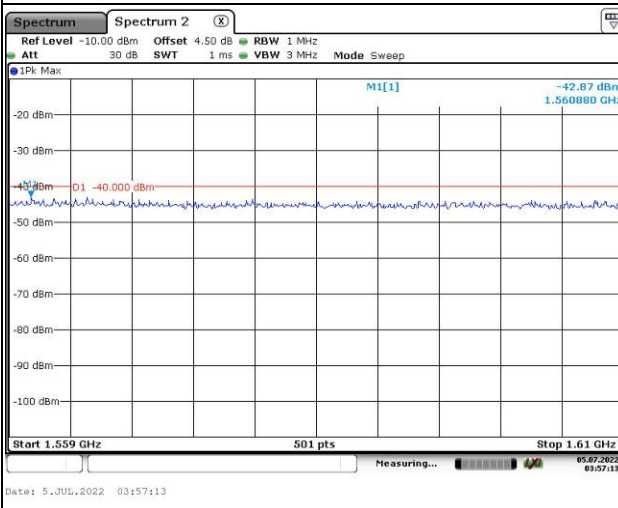
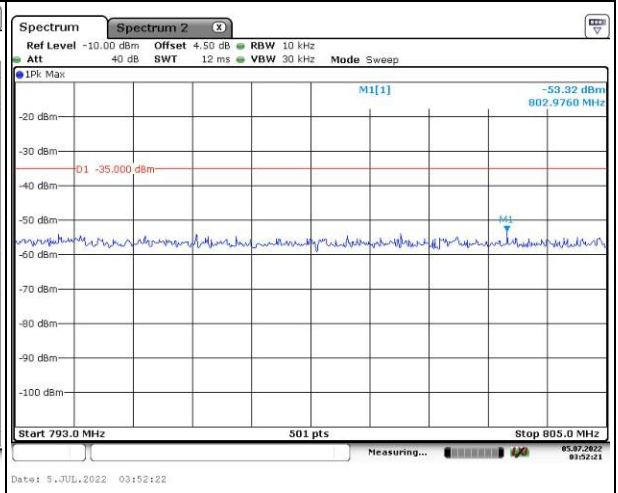
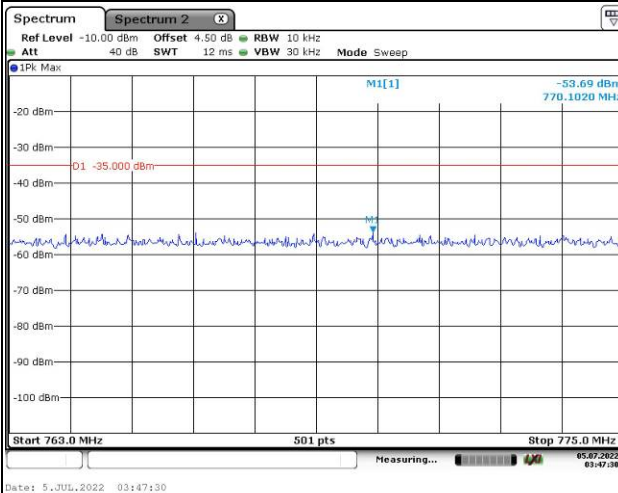
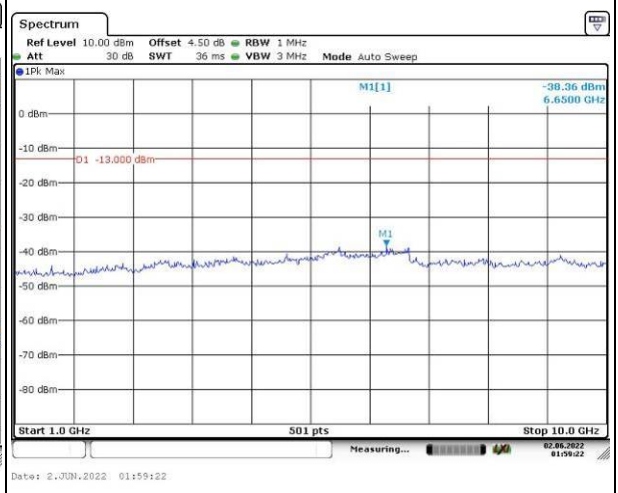
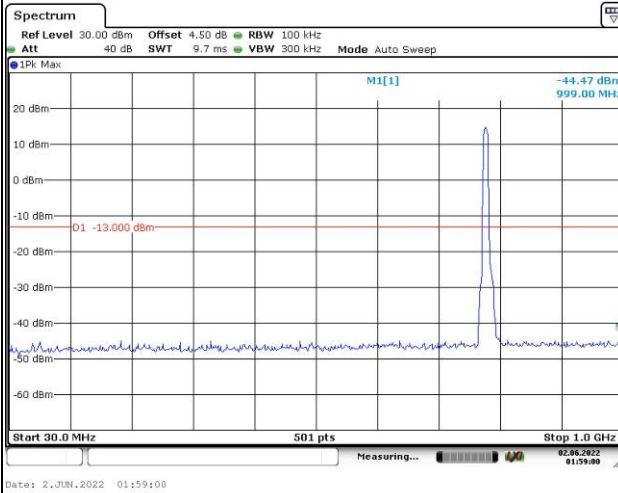


Spurious Emissions at Antenna Terminal

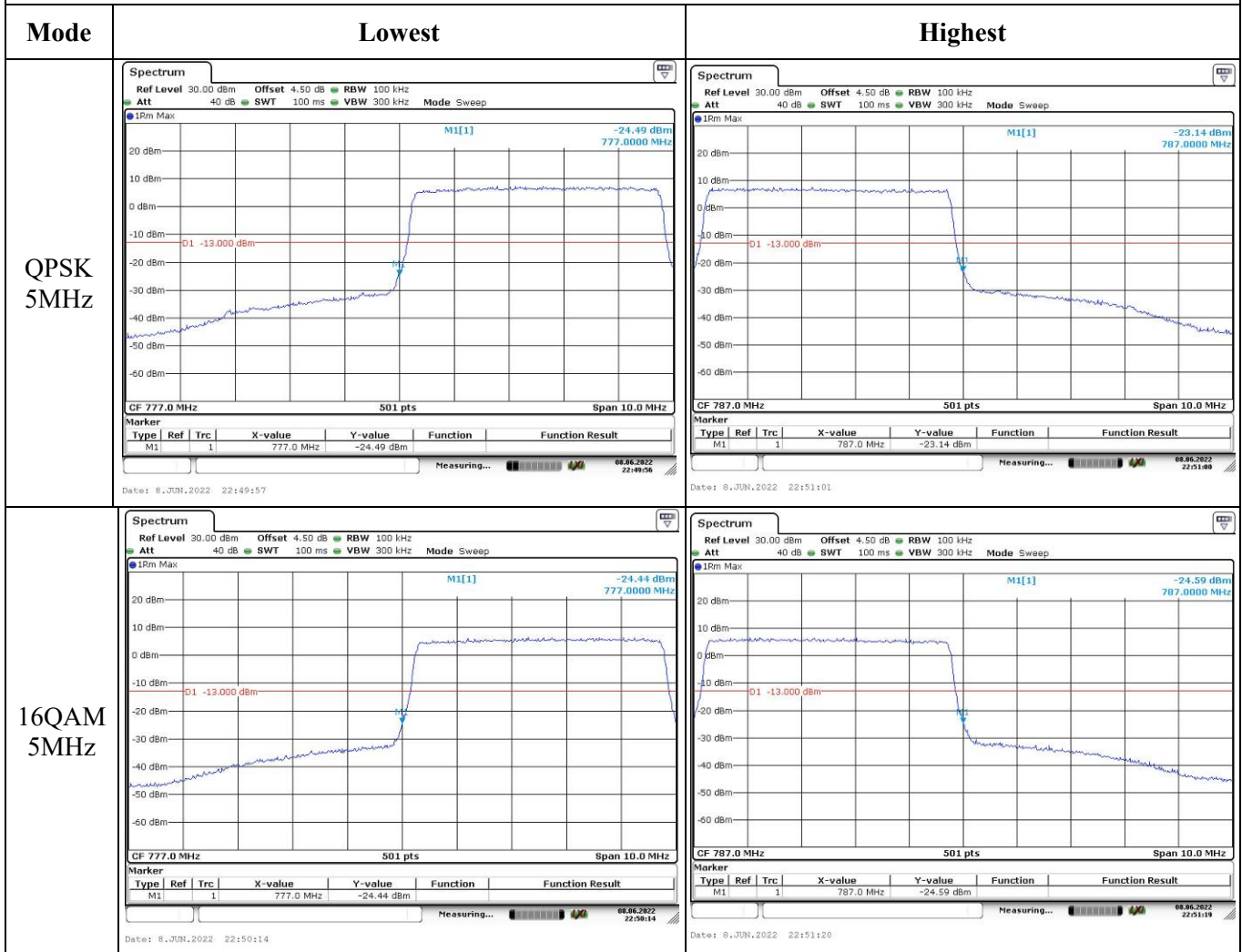
Channel

10MHz Bandwidth QPSK

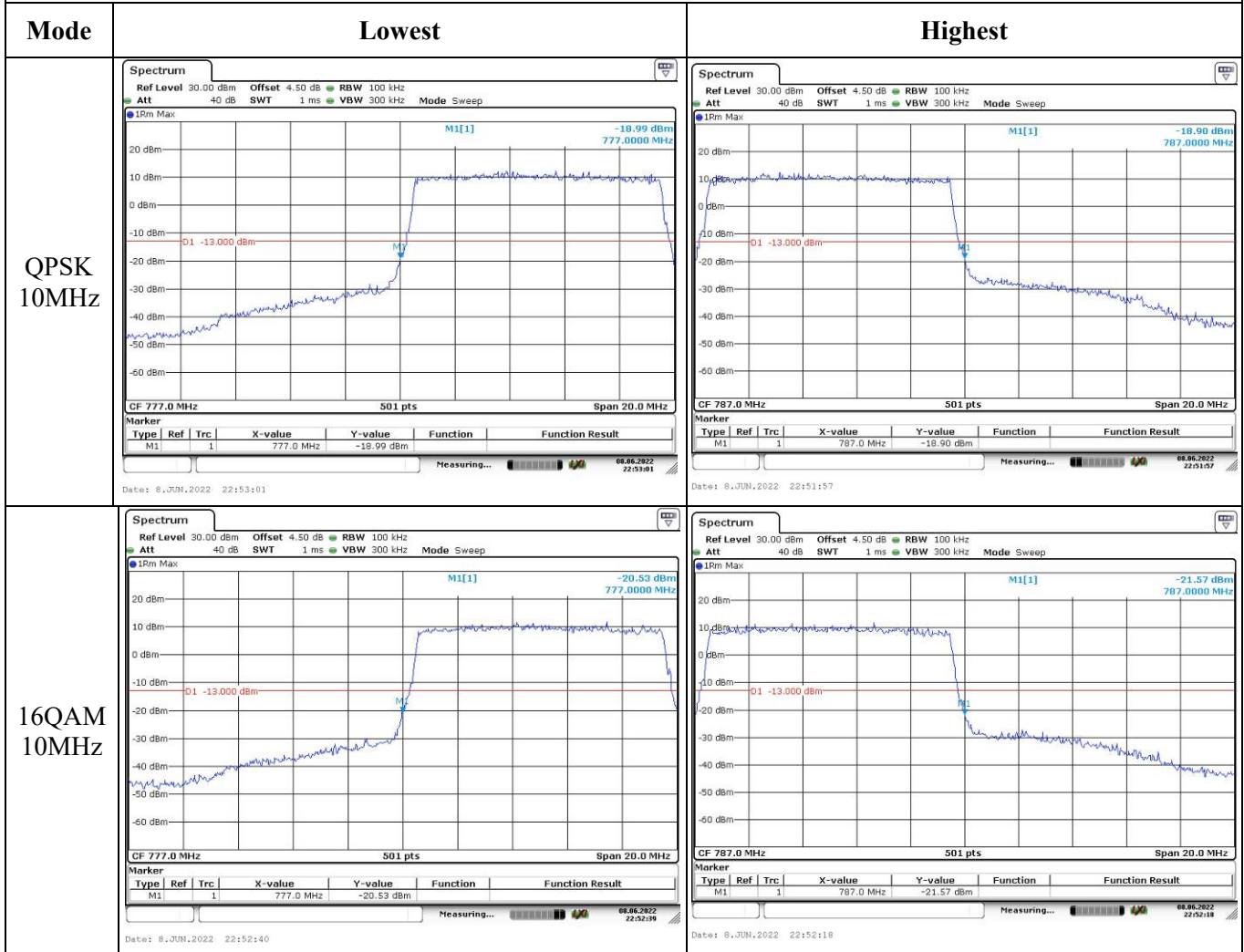
Middle



Out of band emission, Band Edge



Out of band emission, Band Edge



4.9 Antenna Port Test Data and Results for LTE Band 14:

Serial Number:	CR22050037-RF-S1	Test Date:	2022-06-02~2022-08-22
Test Site:	RF	Test Mode:	Transmitting
Tester:	Rinka Li	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.9~26	Relative Humidity: (%)	67~68	ATM Pressure: (kPa)	100.0~100.1
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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	2021-07-22	2022-07-21
R&S	Spectrum Analyzer	FSV40	101474	2022-07-15	2023-07-14
zhuoxiang	Coaxial Cable	SMA-178	211002	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554404	Each time	N/A
R&S	Wideband Radio Communication Tester	CMW500	149218	2021-07-22	2022-07-21
R&S	Wideband Radio Communication Tester	CMW500	149218	2022-07-15	2023-07-14
UNI-T	Multimeter	UT39A+	C210582554	2021-09-30	2022-09-29
Weinschel	Coaxial Attenuator	53-20-34	LN751	Each time	N/A
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
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 14▲:

Antenna Gain (dBi):	-0.29	Antenna Gain (dBd):	-2.44	Cable Loss (dB):	0
Operation Voltage(V _{DC}):					
Lowest:	10.8	Normal:	13.8	Highest:	36

Test Frequency For Each Mode:

Operation Bandwidth	Lowest Frequency (MHz)	Middle Frequency (MHz)	Highest Frequency (MHz)
5MHz	790.5	/	795.5
10MHz	/	793	/

Test Data:**FCC§2.1046;§ 27.50(c) (10)****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		
5MHz QPSK	RB1#0	23.28	/	23.42	21.1	34.77
	RB1#13	23.43	/	23.39		
	RB1#24	23.43	/	23.54		
	RB15#0	22.44	/	22.42		
	RB15#10	22.45	/	22.49		
	RB25#0	22.54	/	22.4		
5MHz 16QAM	RB1#0	22.39	/	22.5	20.12	34.77
	RB1#13	22.47	/	22.56		
	RB1#24	22.47	/	22.41		
	RB15#0	21.34	/	21.32		
	RB15#10	21.35	/	21.3		
	RB25#0	21.35	/	21.3		
10MHz QPSK	RB1#0	/	23.43	/	21.13	34.77
	RB1#25	/	23.57	/		
	RB1#49	/	23.54	/		
	RB25#0	/	22.52	/		
	RB25#25	/	22.41	/		
	RB50#0	/	22.48	/		
10MHz 16QAM	RB1#0	/	22.26	/	19.9	34.77
	RB1#25	/	22.34	/		
	RB1#49	/	22.28	/		
	RB25#0	/	21.37	/		
	RB25#25	/	21.32	/		
	RB50#0	/	21.33	/		

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	/	4.03	/	13
	RB50#0	/	4.75	/	13
10MHz 16QAM	RB1#0	/	5.22	/	13
	RB50#0	/	5.80	/	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	4.53	/	4.51	5.00	/	5.00
5MHz 16QAM	4.51	/	4.51	5.00	/	5.02
10MHz QPSK	/	8.94	/	/	9.80	/
10MHz 16QAM	/	8.94	/	/	9.80	/

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, §90.213: Frequency Stability					
Test Mode:	10 MHz QPSK		Test Channel:	793	MHz
Test Item	Temperature (°C)	Voltage (V _{DC})	Frequency Error		Limit
			(Hz)	(ppm)	(ppm)
Frequency Stability vs. Temperature	-30	13.8	1	0.001	2.5
	-20	13.8	5.66	0.007	2.5
	-10	13.8	-7.99	-0.010	2.5
	0	13.8	9.99	0.013	2.5
	10	13.8	6.7	0.008	2.5
	20	13.8	-9.52	-0.012	2.5
	30	13.8	-9.31	-0.012	2.5
	40	13.8	-7.45	-0.009	2.5
Frequency Stability vs. Voltage	20	10.8	-8.94	-0.011	2.5
	20	36	9.64	0.012	2.5
				Result:	Pass

Test Mode:	10 MHz 16QAM		Test Channel:	793	MHz
Test Item	Temperature (°C)	Voltage (V _{DC})	Frequency Error		Limit
			(Hz)	(ppm)	(ppm)
Frequency Stability vs. Temperature	-30	13.8	-1.27	-0.002	2.5
	-20	13.8	-8.93	-0.011	2.5
	-10	13.8	9.6	0.012	2.5
	0	13.8	-8.02	-0.010	2.5
	10	13.8	-9.97	-0.013	2.5
	20	13.8	-6.87	-0.009	2.5
	30	13.8	6.69	0.008	2.5
	40	13.8	5.19	0.007	2.5
Frequency Stability vs. Voltage	20	10.8	-8.75	-0.011	2.5
	20	36	6.25	0.008	2.5
				Result:	Pass

Test Plots:

Occupied Bandwidth

