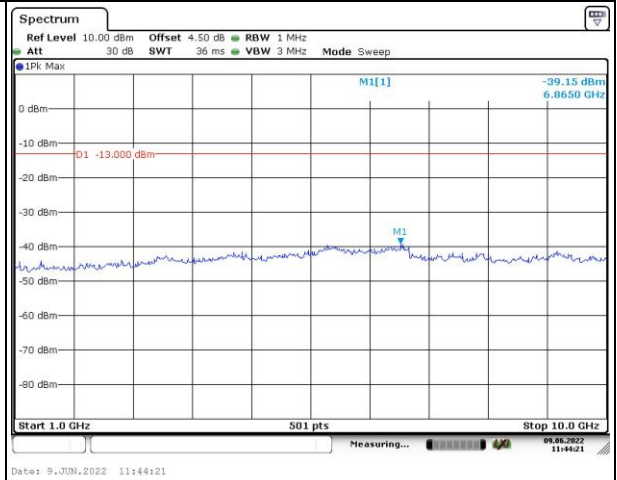
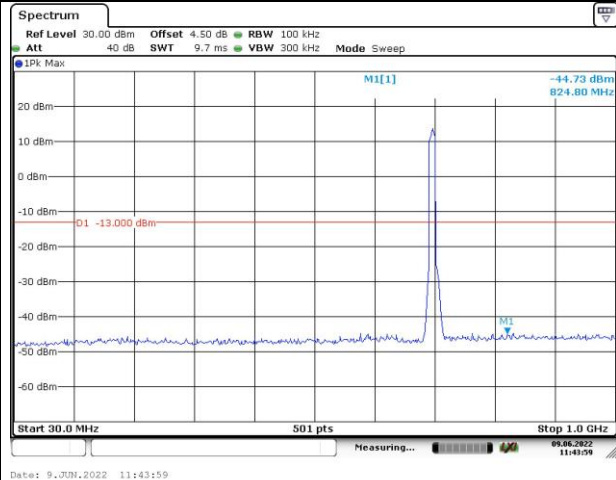


Spurious Emissions at Antenna Terminal

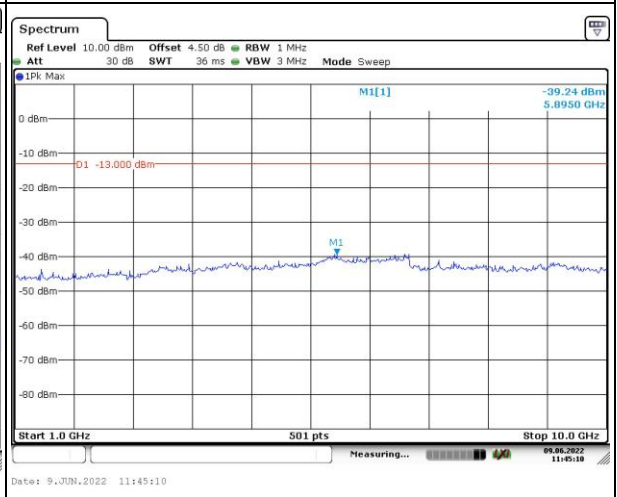
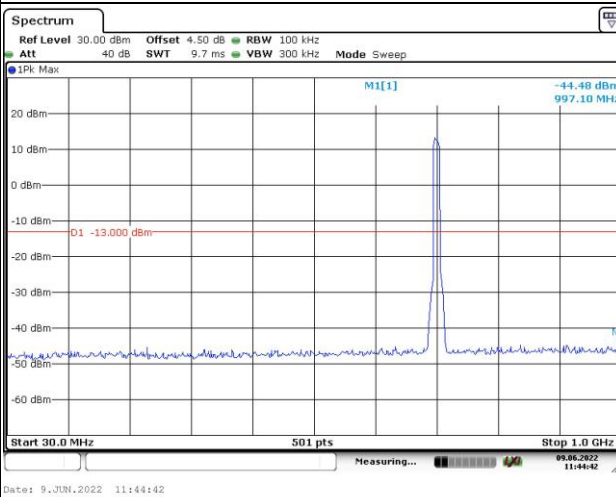
Channel

10MHz Bandwidth QPSK

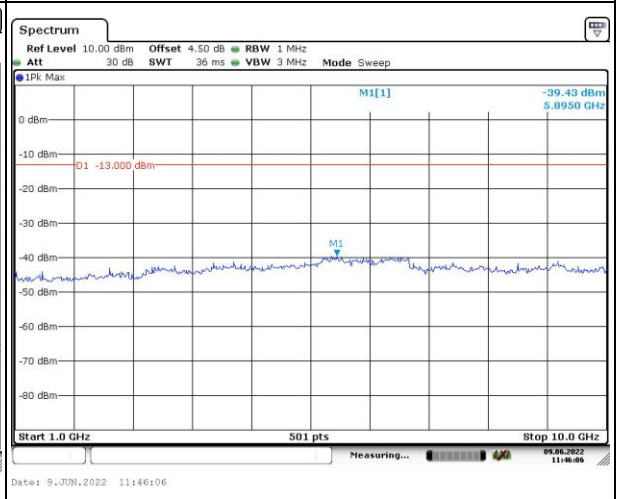
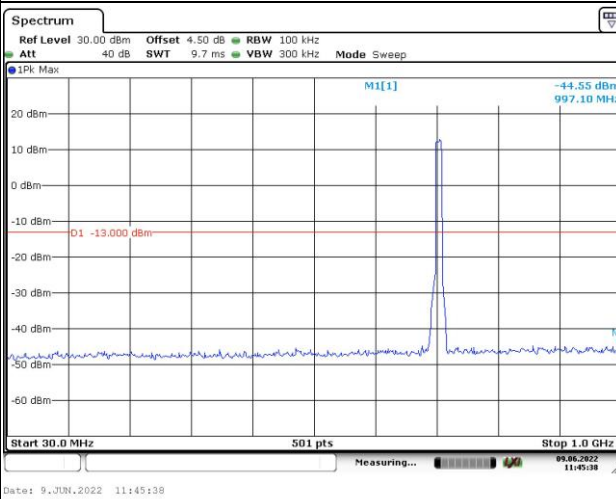
Lowest



Middle



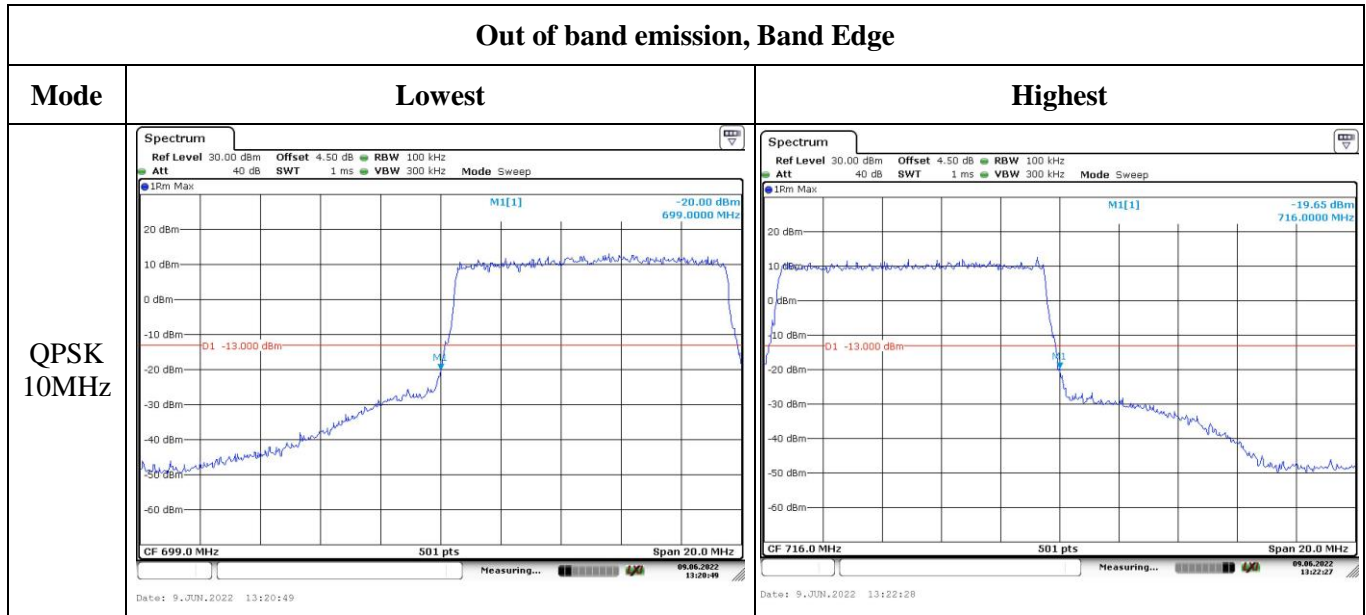
Highest



Out of band emission, Band Edge

Mode	Lowest	Highest
QPSK 1.4MHz		
QPSK 3MHz		
QPSK 5MHz		

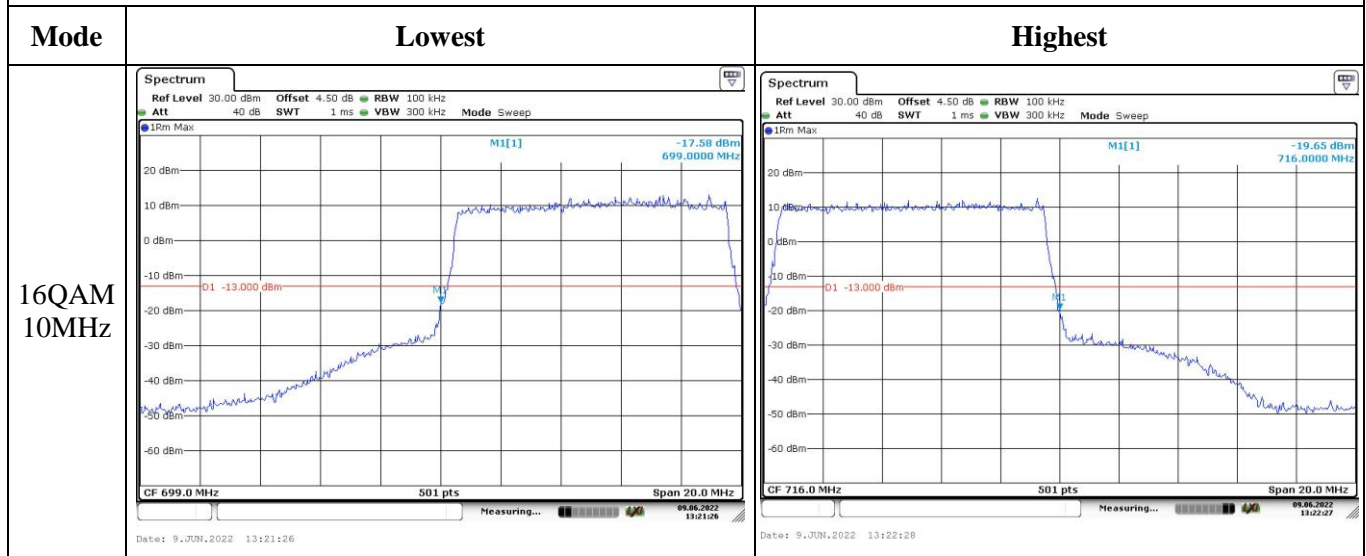
Out of band emission, Band Edge



Out of band emission, Band Edge

Mode	Lowest	Highest
16QAM 1.4MHz		
16QAM 3MHz		
16QAM 5MHz		

Out of band emission, Band Edge



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

Serial Number:	CR22050039-RF-S1	Test Date:	2022-06-08~2022-07-05
Test Site:	RF	Test Mode:	Transmitting
Tester:	Ada Yan	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	23.9~25.9	Relative Humidity: (%)	60~67	ATM Pressure: (kPa)	100~100.1
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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
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):	0.52	Antenna Gain (dBd):	-1.63	Cable Loss (dB):	0
Operation Voltage(V _{DC}):					
Lowest:	3.4	Normal:	3.7	Highest:	4.2

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	22.72	/	22.93	21.5	34.77
	RB1#13	22.91	/	22.92		
	RB1#24	22.89	/	23.13		
	RB15#0	22.01	/	22.10		
	RB15#10	22.00	/	22.00		
	RB25#0	22.01	/	22.05		
5MHz 16QAM	RB1#0	21.89	/	22.08	20.68	34.77
	RB1#13	22.04	/	22.09		
	RB1#24	21.86	/	22.31		
	RB15#0	20.99	/	21.04		
	RB15#10	20.99	/	21.01		
	RB25#0	21.00	/	21.03		
10MHz QPSK	RB1#0	/	23.03	/	21.6	34.77
	RB1#25	/	23.12	/		
	RB1#49	/	23.23	/		
	RB25#0	/	21.98	/		
	RB25#25	/	22.07	/		
	RB50#0	/	22.07	/		
10MHz 16QAM	RB1#0	/	21.81	/	20.45	34.77
	RB1#25	/	22.08	/		
	RB1#49	/	21.97	/		
	RB25#0	/	20.96	/		
	RB25#25	/	21.00	/		
	RB50#0	/	21.04	/		

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	/	4.46	/	13
	RB50#0	/	4.61	/	13
10MHz 16QAM	RB1#0	/	5.45	/	13
	RB50#0	/	5.68	/	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	4.531	/	4.511	5.020	/	5.040
5MHz 16QAM	4.511	/	4.511	5.020	/	5.020
10MHz QPSK	/	8.942	/	/	9.760	/
10MHz 16QAM	/	8.942	/	/	9.720	/

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.

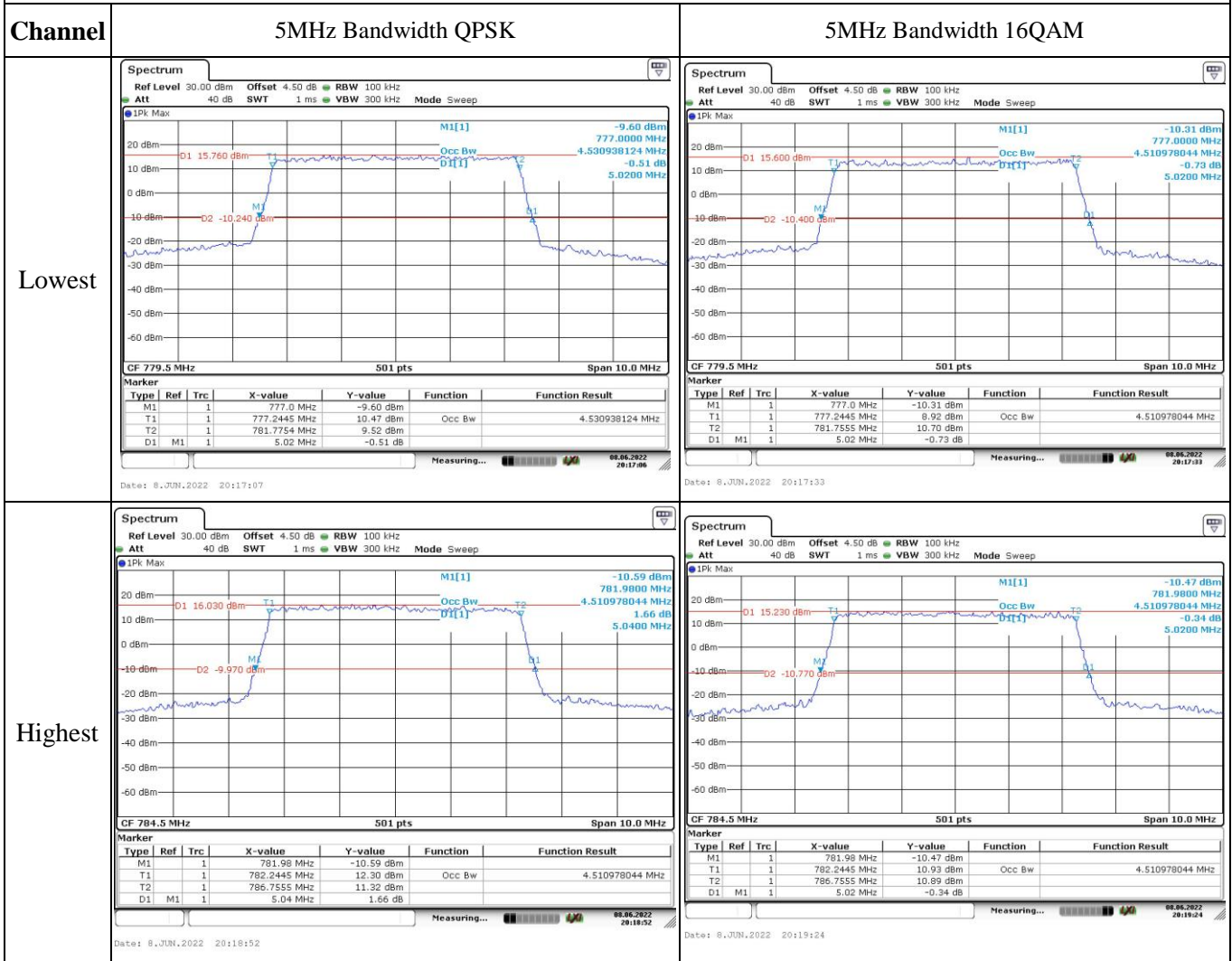
FCC §2.1055, §27.54: Frequency Stability

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	3.7	777.533	777.00	786.475	787.00
	-20	3.7	777.535	777.00	786.474	787.00
	-10	3.7	777.530	777.00	786.473	787.00
	0	3.7	777.531	777.00	786.471	787.00
	10	3.7	777.529	777.00	786.472	787.00
	20	3.7	777.529	777.00	786.471	787.00
	30	3.7	777.525	777.00	786.470	787.00
	40	3.7	777.526	777.00	786.466	787.00
Frequency Stability vs. Voltage	20	3.4	777.527	777.00	786.464	787.00
	20	4.2	777.526	777.00	786.466	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	3.7	777.532	777.00	786.476	787.00
	-20	3.7	777.530	777.00	786.472	787.00
	-10	3.7	777.523	777.00	786.474	787.00
	0	3.7	777.535	777.00	786.471	787.00
	10	3.7	777.534	777.00	786.474	787.00
	20	3.7	777.529	777.00	786.471	787.00
	30	3.7	777.525	777.00	786.470	787.00
	40	3.7	777.523	777.00	786.466	787.00
	50	3.7	777.524	777.00	786.469	787.00
Frequency Stability vs. Voltage	20	3.4	777.521	777.00	786.467	787.00
	20	4.2	777.520	777.00	786.469	787.00
					Result:	Pass

Test Plots:

Occupied Bandwidth



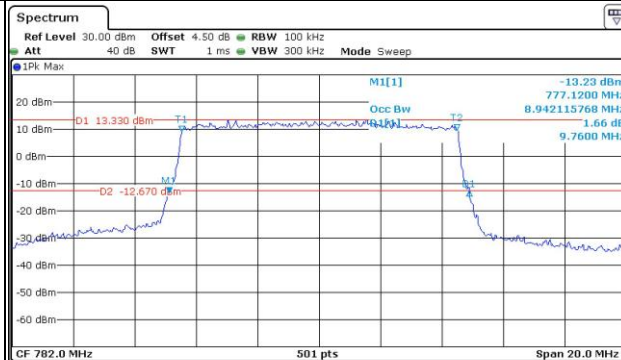
Occupied Bandwidth

Channel

10MHz Bandwidth QPSK

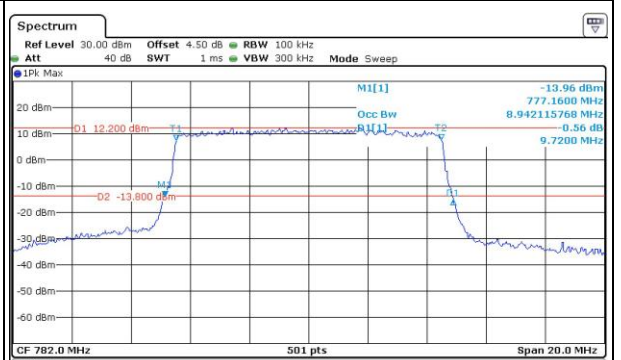
10MHz Bandwidth 16QAM

Middle



Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1			1	777.12 MHz	-13.23 dBm		
T1			1	777.5289 MHz	9.19 dBm	Occ Bw	8.942115768 MHz
T2			1	786.4711 MHz	9.70 dBm		
D1	M1		1	9.76 MHz	1.66 dB		

Date: 8 JUN. 2022 20:20:00



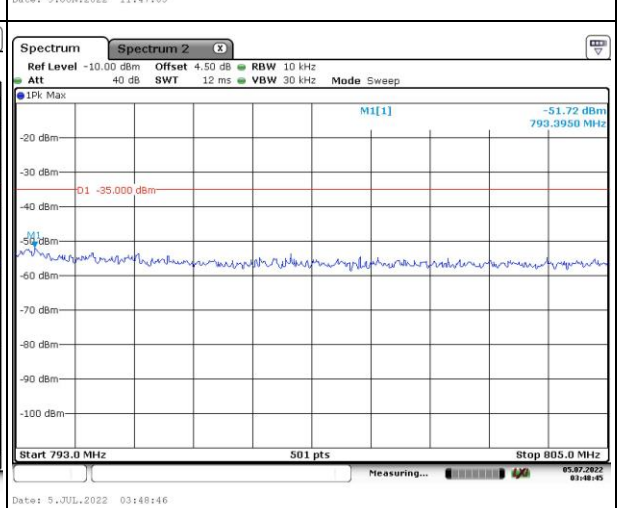
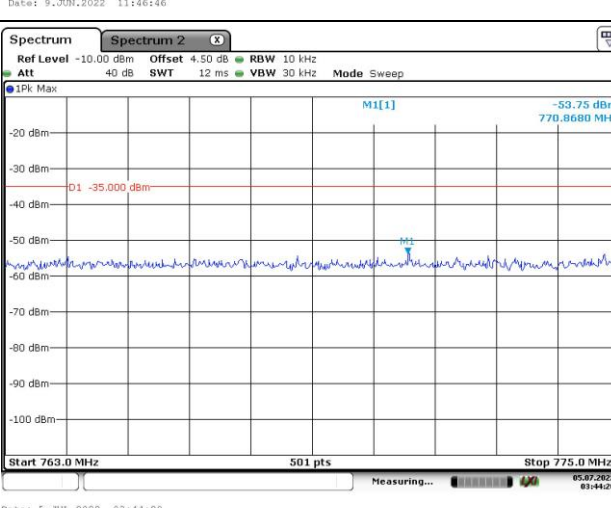
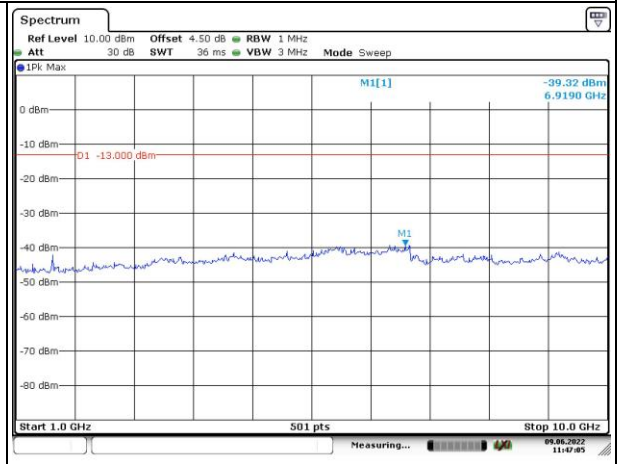
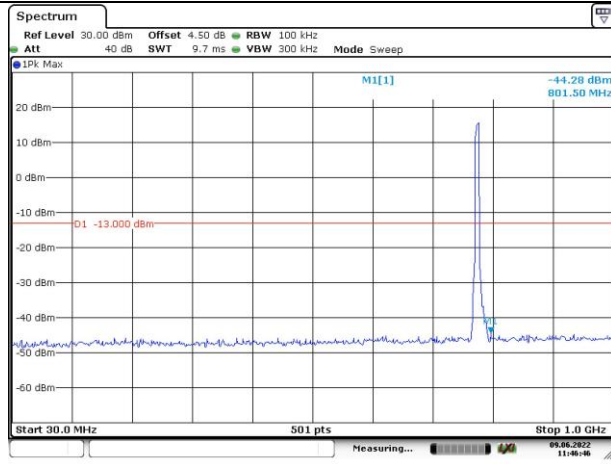
Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1			1	777.16 MHz	-13.96 dBm		
T1			1	777.5289 MHz	7.56 dBm	Occ Bw	8.942115768 MHz
T2			1	786.4711 MHz	7.64 dBm		
D1	M1		1	9.72 MHz	-0.56 dB		

Date: 8 JUN. 2022 20:20:34

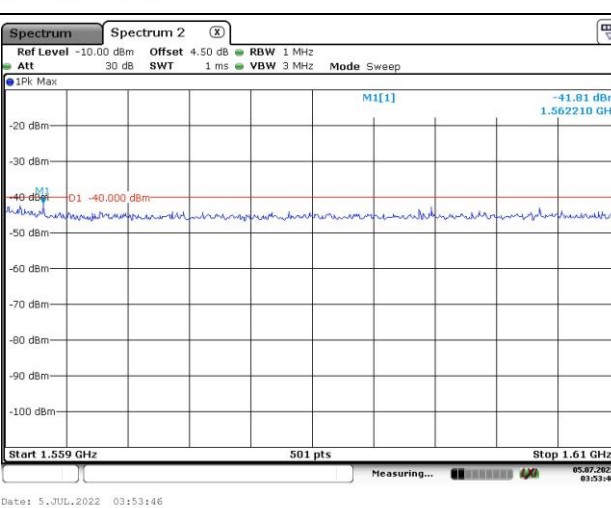
Spurious Emissions at Antenna Terminal

Channel

5MHz Bandwidth QPSK



Lowest

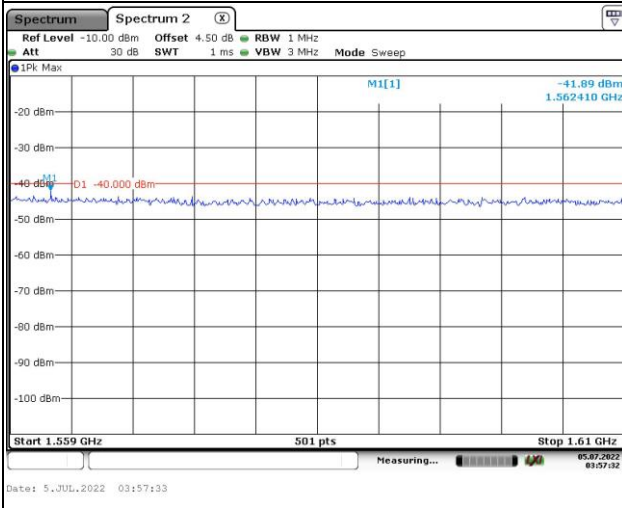
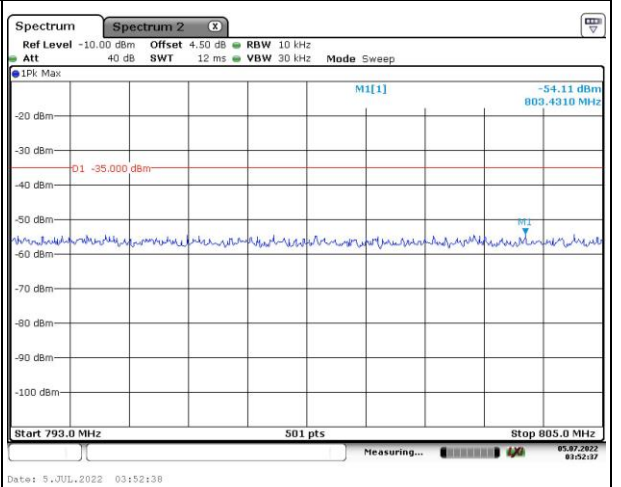
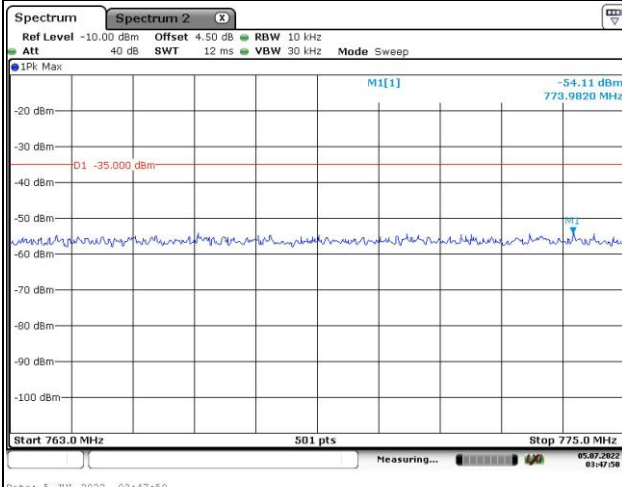
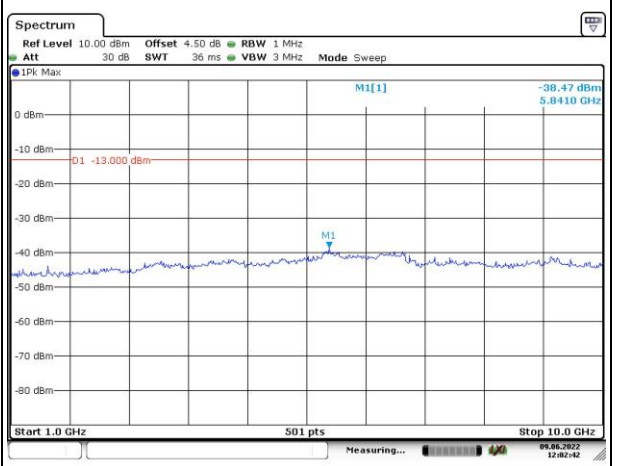
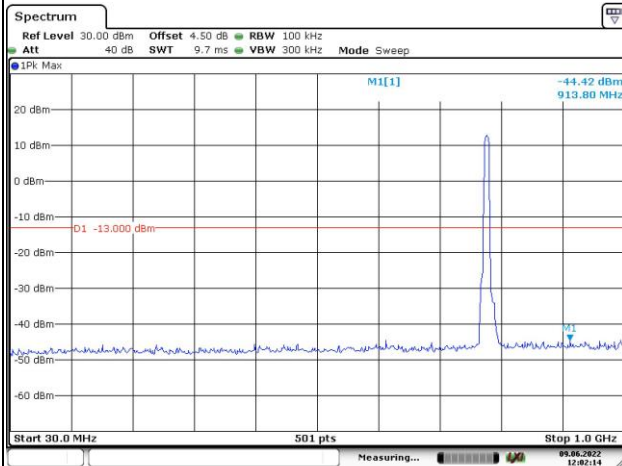




Spurious Emissions at Antenna Terminal

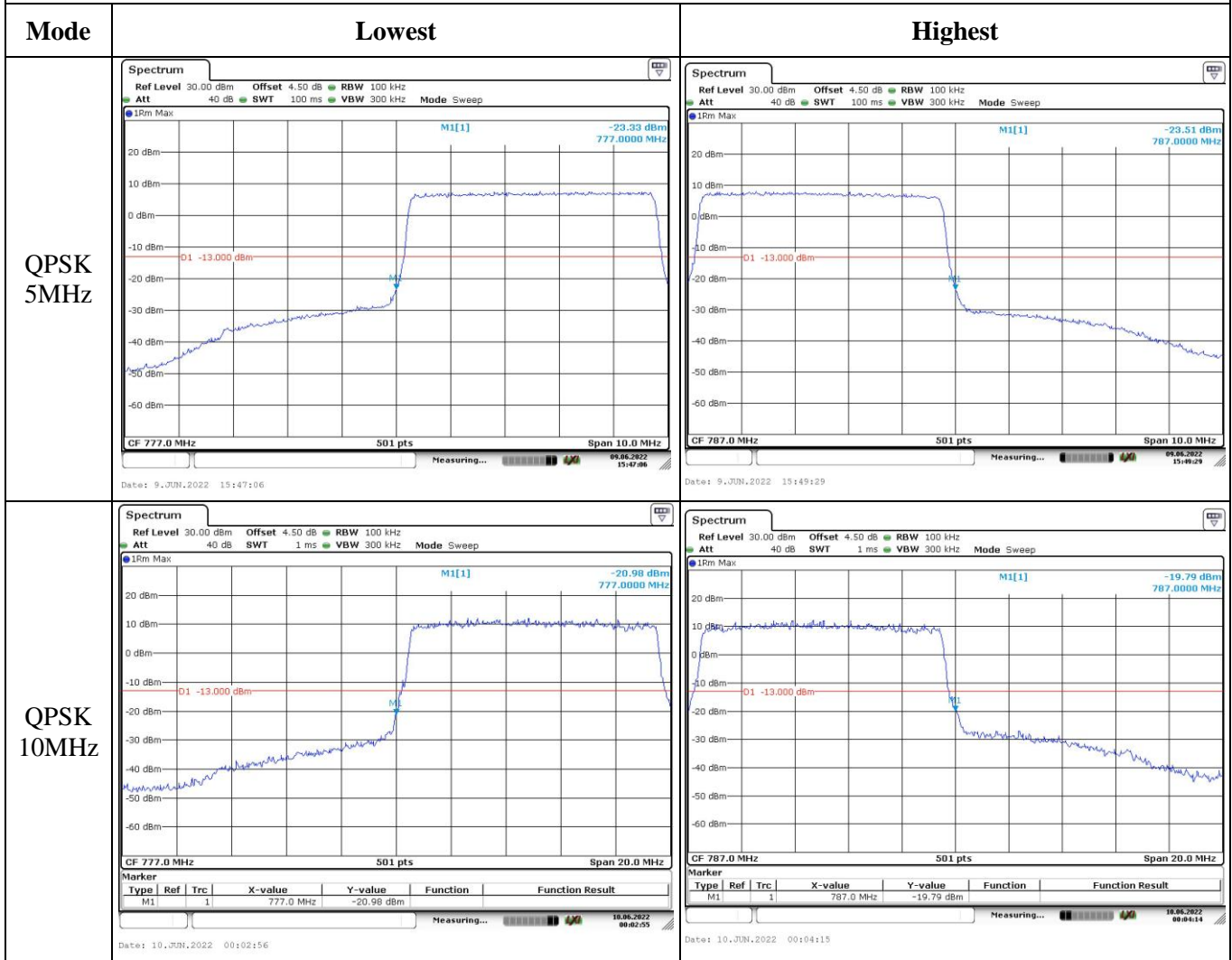
Channel

10MHz Bandwidth QPSK

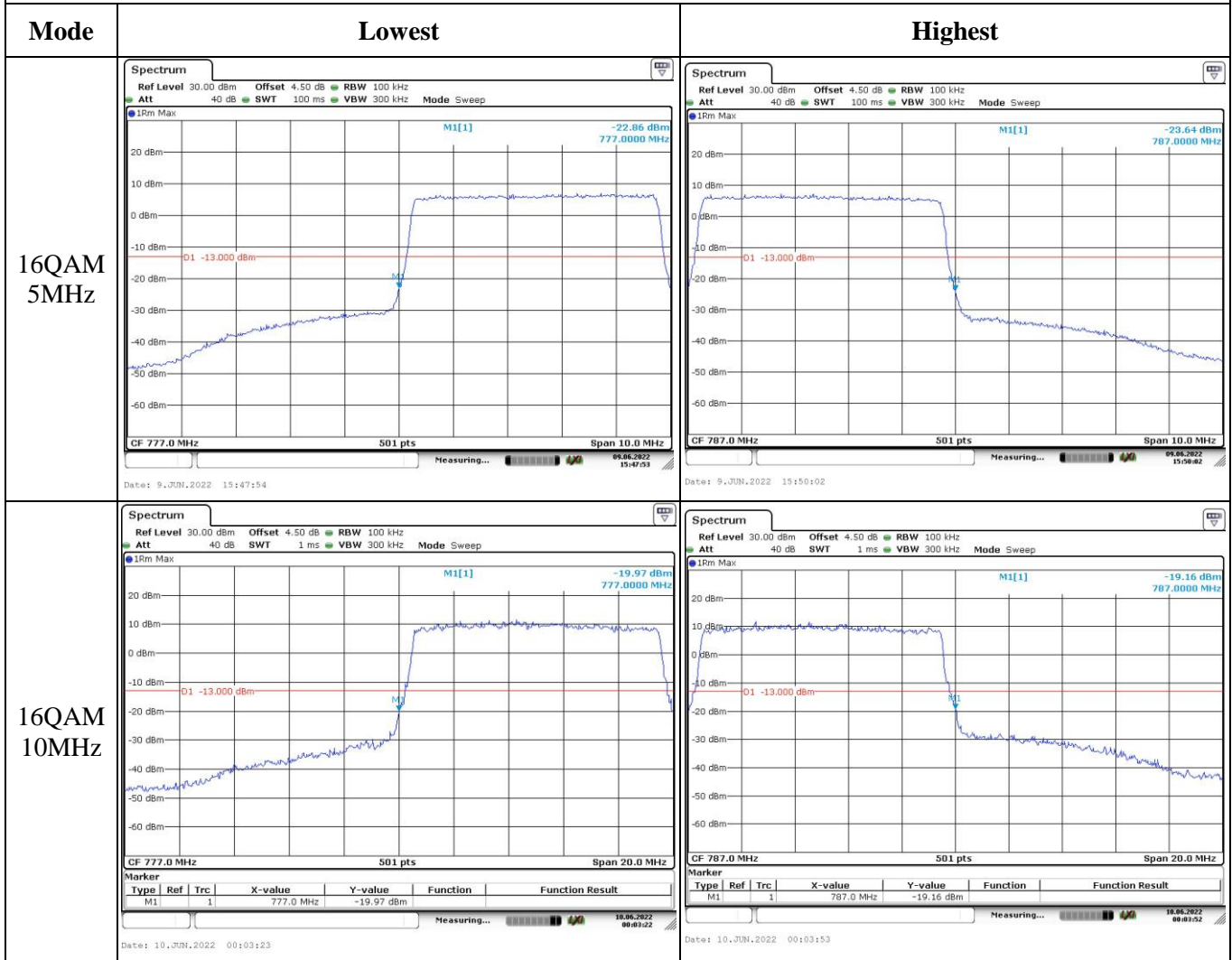


Middle

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:	CR22050039-RF-S1	Test Date:	2022-06-08~2022-08-22
Test Site:	RF	Test Mode:	Transmitting
Tester:	Ada Yan	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.9~26.1	Relative Humidity: (%)	60~67	ATM Pressure: (kPa)	100~100.8
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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
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):	-0.03	Antenna Gain (dBd):	-2.18	Cable Loss (dB):	0
Operation Voltage(V _{DC}):					
Lowest:	3.4	Normal:	3.7	Highest:	4.2

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; § 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		
5MHz QPSK	RB1#0	22.89	/	23.08	21.28	34.77
	RB1#13	22.94	/	23.46		
	RB1#24	23.01	/	23.44		
	RB15#0	22.08	/	22.55		
	RB15#10	22.06	/	22.60		
	RB25#0	22.12	/	22.59		
5MHz 16QAM	RB1#0	22.30	/	22.54	20.36	34.77
	RB1#13	22.05	/	22.52		
	RB1#24	21.94	/	22.46		
	RB15#0	21.05	/	21.54		
	RB15#10	21.04	/	21.54		
	RB25#0	21.07	/	21.51		
10MHz QPSK	RB1#0	/	23.59	/	21.57	34.77
	RB1#25	/	23.75	/		
	RB1#49	/	23.60	/		
	RB25#0	/	22.64	/		
	RB25#25	/	22.63	/		
	RB50#0	/	22.56	/		
10MHz 16QAM	RB1#0	/	22.49	/	20.31	34.77
	RB1#25	/	22.44	/		
	RB1#49	/	22.44	/		
	RB25#0	/	21.54	/		
	RB25#25	/	21.54	/		
	RB50#0	/	21.53	/		

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	/	4.67	/	13
10MHz 16QAM	RB1#0	/	5.42	/	13
	RB50#0	/	5.77	/	13
Result:					Pass

FCC §2.1049, §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
5MHz QPSK	4.511	/	4.511	5.000	/	5.020
5MHz 16QAM	4.511	/	4.511	5.040	/	5.020
10MHz QPSK	/	8.942	/	/	9.760	/
10MHz 16QAM	/	8.942	/	/	9.760	/

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

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

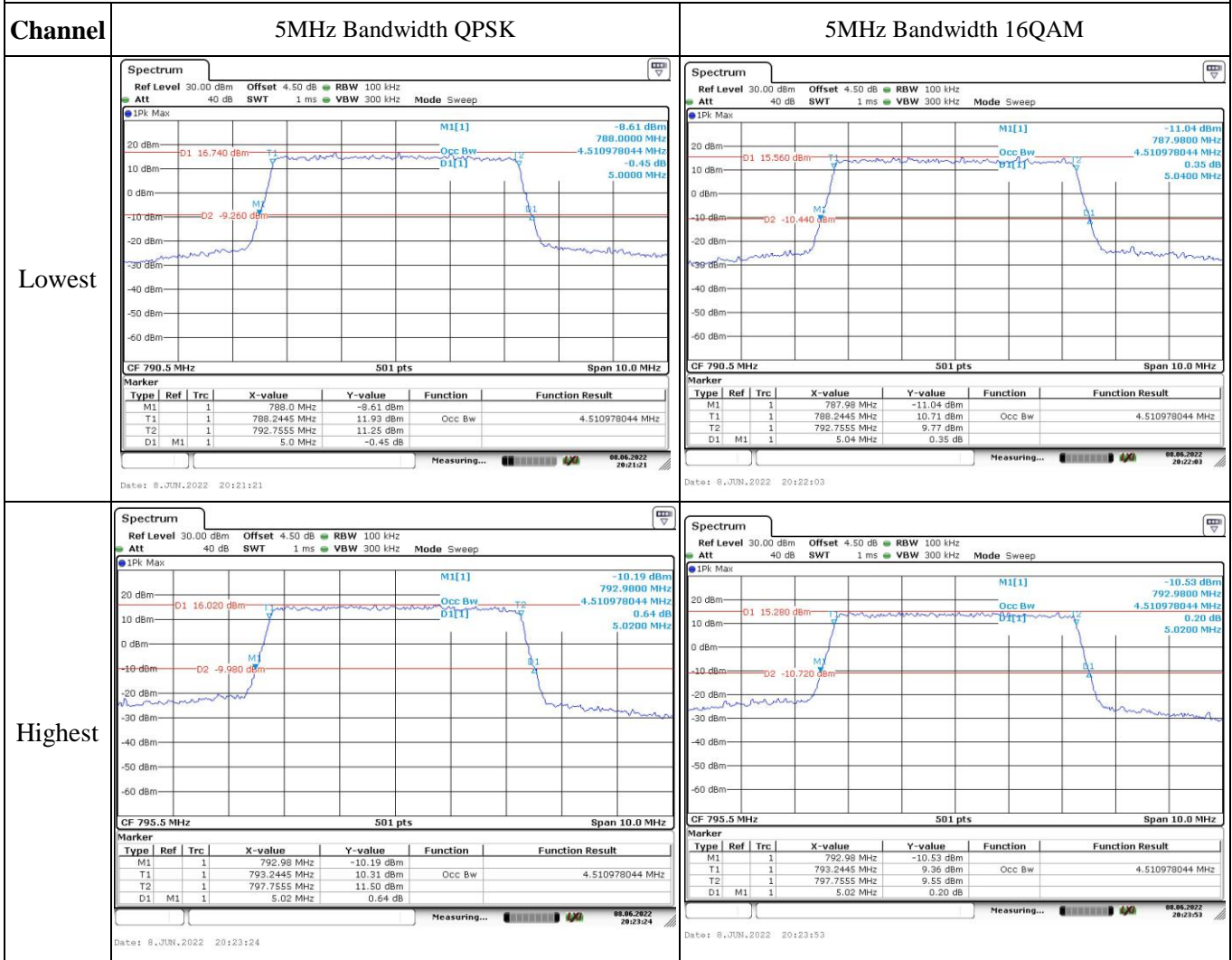
FCC §2.1051, §90.543:Out of band emission, Band Edge	
Result:	Pass, Please refer to the test plots of Out of band emission, Band Edge.

FCC §2.1055, §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	3.7	3	0.004	2.5
	-20	3.7	-4	-0.005	2.5
	-10	3.7	3	0.004	2.5
	0	3.7	8	0.010	2.5
	10	3.7	-1	-0.001	2.5
	20	3.7	0	0.000	2.5
	30	3.7	-2	-0.003	2.5
	40	3.7	2	0.003	2.5
Frequency Stability vs. Voltage	50	3.7	6	0.008	2.5
	20	3.4	-3	-0.004	2.5
	20	4.2	7	0.009	2.5
Result:				Pass	

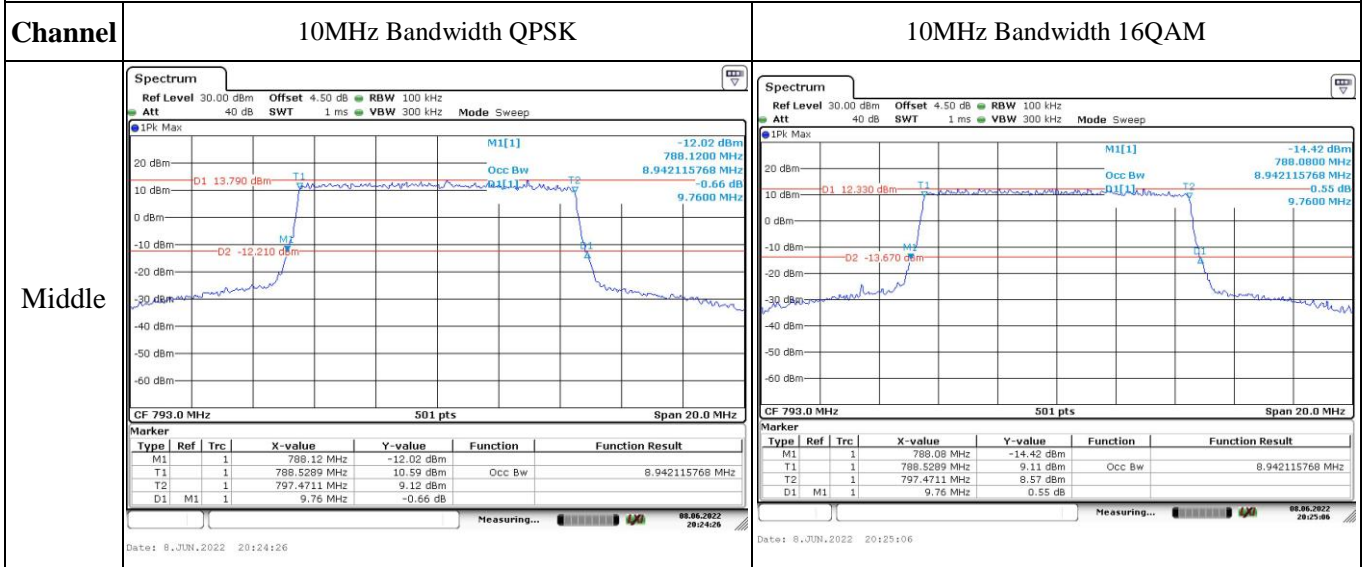
Test Mode:	10 MHz 16QAM		Test Channel:	793	MHz
Test Item	Temperature (°C)	Voltage (V _{DC})	Frequency Error		Limit
			(Hz)	(ppm)	(ppm)
Frequency Stability vs. Temperature	-30	3.7	3	0.004	2.5
	-20	3.7	-7	-0.009	2.5
	-10	3.7	1	0.001	2.5
	0	3.7	3	0.004	2.5
	10	3.7	-2	-0.003	2.5
	20	3.7	0	0.000	2.5
	30	3.7	-1	-0.001	2.5
	40	3.7	3	0.004	2.5
Frequency Stability vs. Voltage	20	3.4	7	0.009	2.5
	20	4.2	-2	-0.003	2.5
				Result:	Pass

Test Plots:

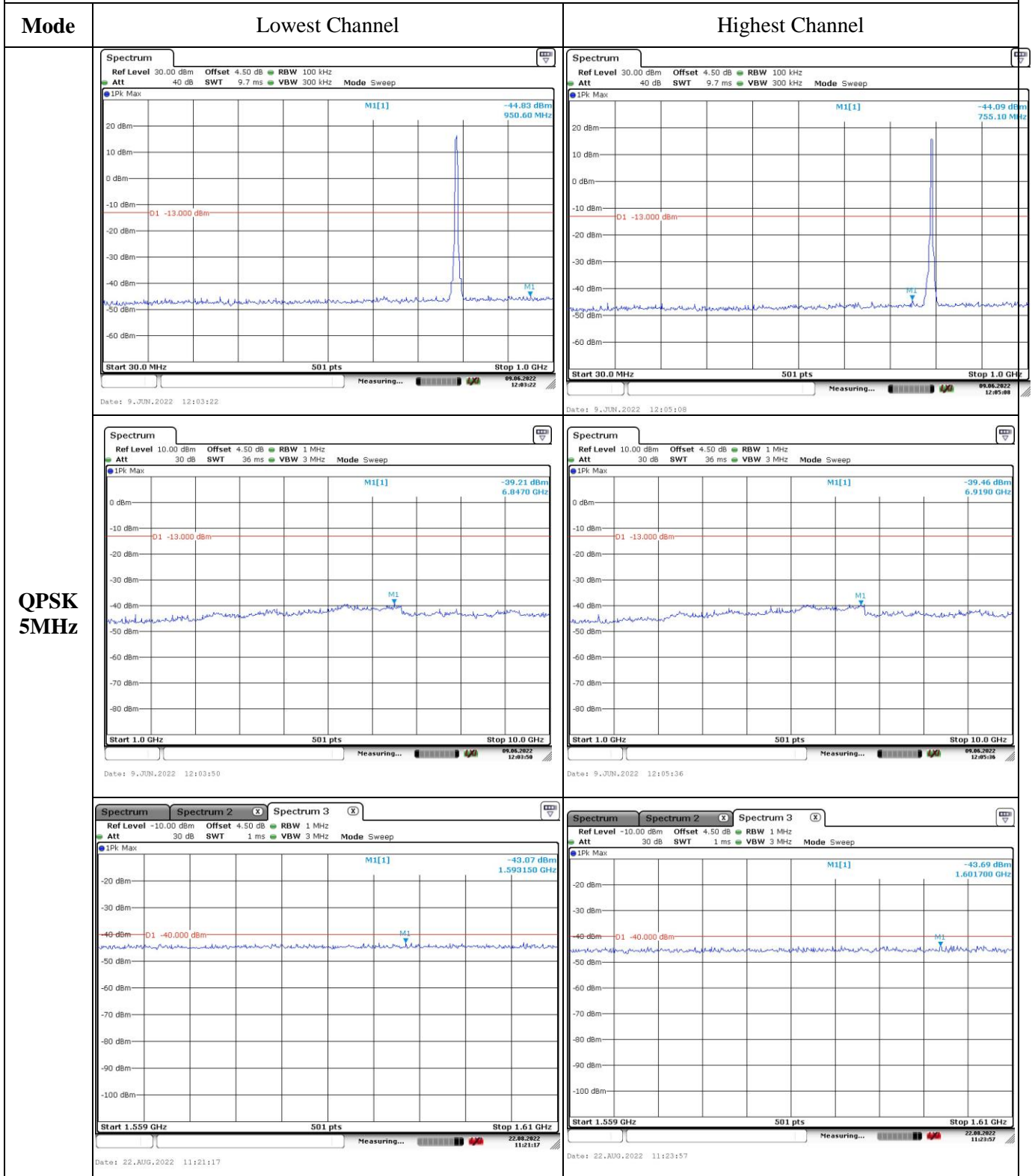
Occupied Bandwidth



Occupied Bandwidth



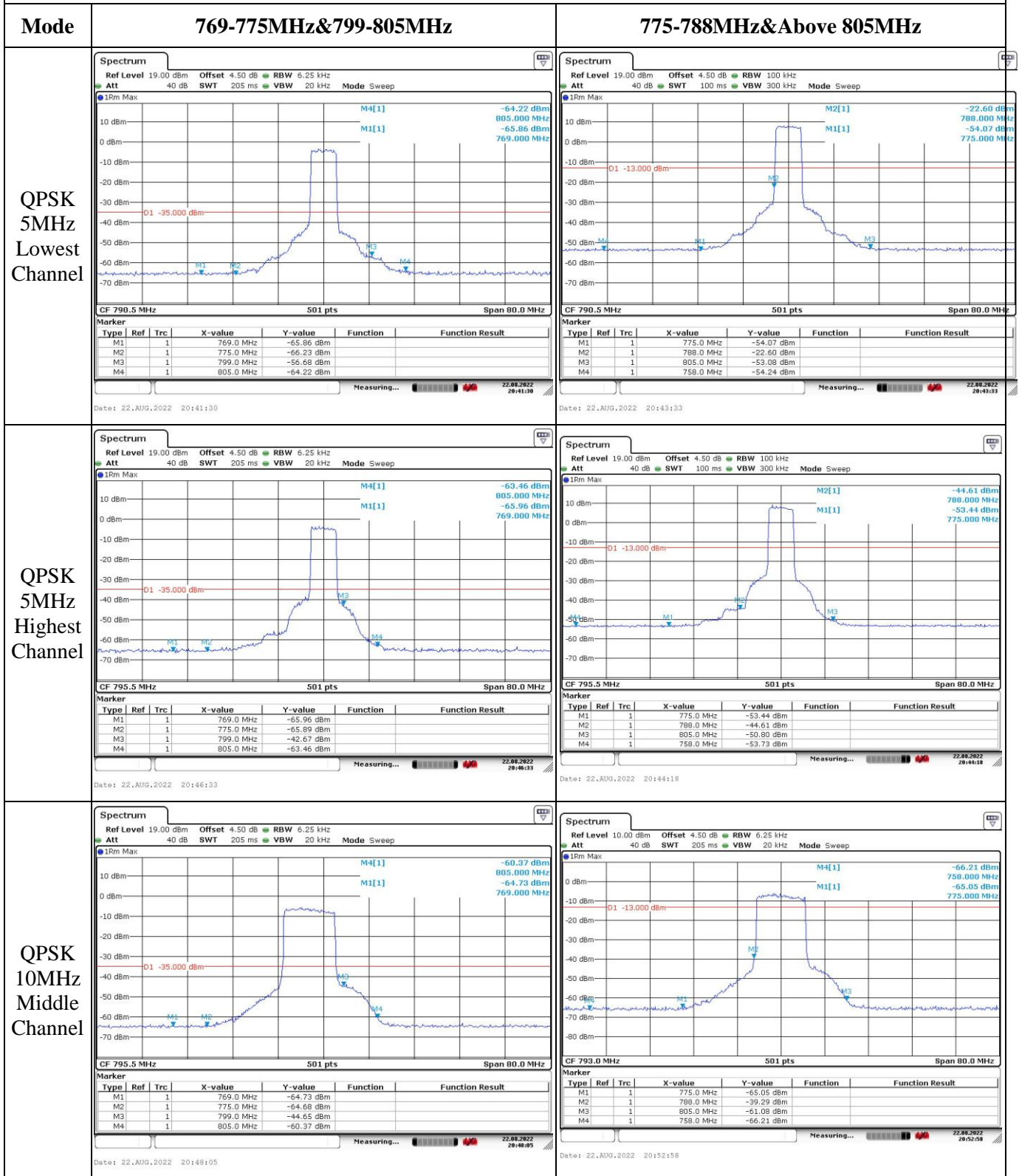
Spurious Emissions at Antenna Terminal



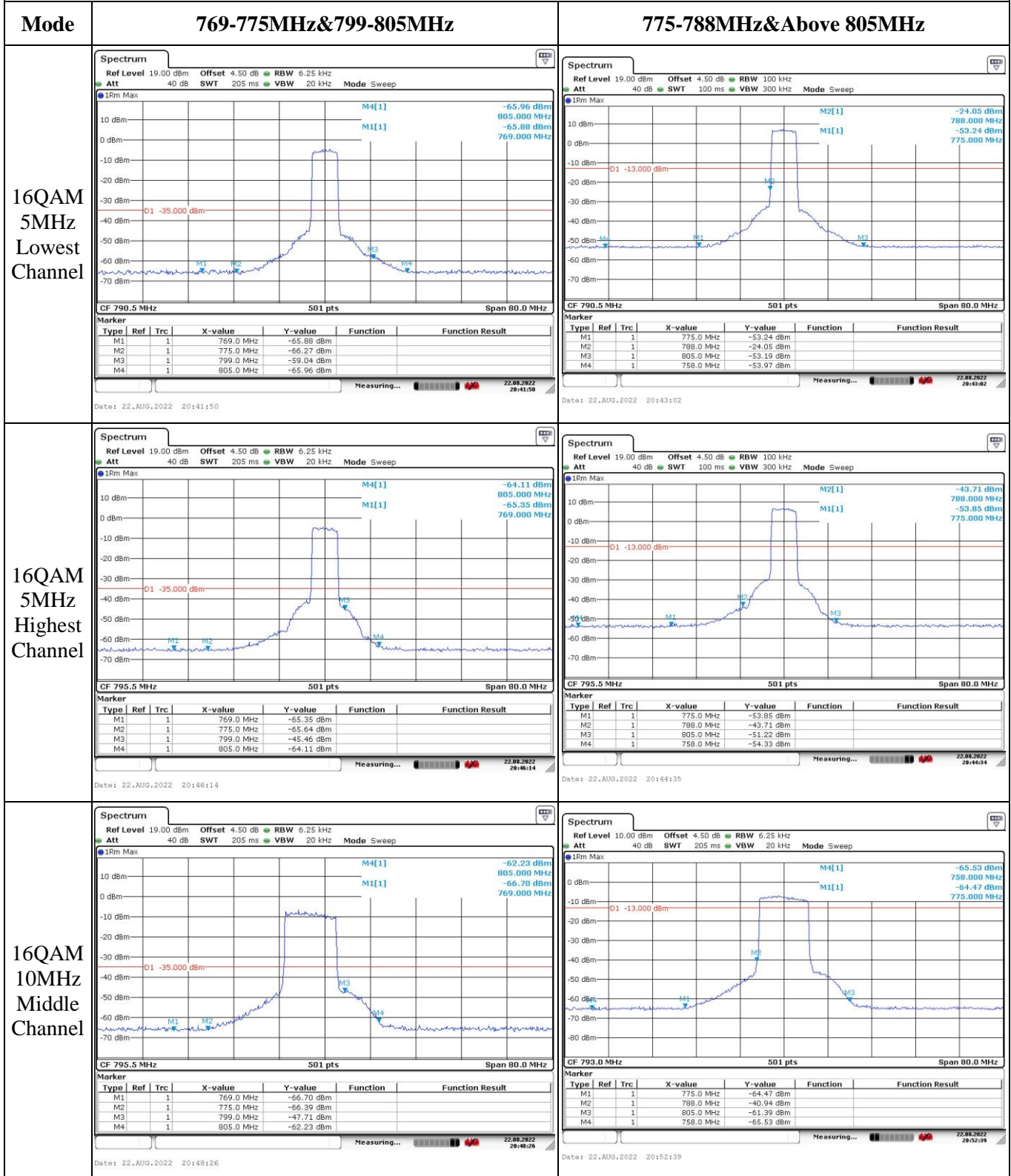
Spurious Emissions at Antenna Terminal

Mode	Middle Channel	/
<p>QPSK 10MHz</p>	<p>Spectrum Ref Level 30.00 dBm Offset 4.50 dB RBW 100 kHz Att 40 dB SWT 9.7 ms VBW 300 kHz Mode Sweep 1Pk Max M1[1] -44.57 dBm 695.10 MHz -13.000 dBm Start 30.0 MHz 501 pts Stop 1.0 GHz Date: 9 JUN 2022 12:06:11</p>	/
	<p>Spectrum Ref Level 10.00 dBm Offset 4.50 dB RBW 1 MHz Att 30 dB SWT 36 ms VBW 3 MHz Mode Sweep 1Pk Max M1[1] -39.56 dBm 6.9910 GHz -13.000 dBm Start 1.0 GHz 501 pts Stop 10.0 GHz Date: 9 JUN 2022 12:06:42</p>	/
	<p>Spectrum Ref Level -10.00 dBm Offset 4.50 dB RBW 1 MHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Sweep 1Pk Max M1[1] -43.34 dBm 1.583280 GHz -40.000 dBm Start 1.559 GHz 501 pts Stop 1.61 GHz Date: 22 AUG 2022 11:25:14</p>	/

Out of band emission, Band Edge



Out of band emission, Band Edge



4.10 Antenna Port Test Data and Results for LTE Band 66:

Serial Number:	CR22050039-RF-S1	Test Date:	2022-06-08~2022-06-09
Test Site:	RF	Test Mode:	Transmitting
Tester:	Ada Yan	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.9	Relative Humidity: (%)	60	ATM Pressure: (kPa)	100
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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
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 66▲:

Antenna Gain (dBi):	3.12	Cable Loss (dB):	0
Operation Voltage(V _{DC}):			
Lowest:	3.4	Normal:	3.7
		Highest:	4.2

Test Frequency For Each Mode:

Operation Bandwidth	Lowest Frequency (MHz)	Middle Frequency (MHz)	Highest Frequency (MHz)
1.4MHz	1710.7	1745	1779.3
3MHz	1711.5	1745	1778.5
5MHz	1712.5	1745	1777.5
10MHz	1715	1745	1775
15MHz	1717.5	1745	1772.5
20MHz	1720	1745	1770

Test Data:

FCC §2.1046; § 27.50(d)(4)						
RF Output Power:						
Test Bandwidth & Modulation	Resource Block & RB offset	Conducted Average Output Power(dBm)			Maximum EIRP (dBm)	EIRP Limit (dBm)
		Lowest Channel	Middle Channel	Highest Channel		
1.4MHz QPSK	RB1#0	22.66	22.82	22.46	26.08	30
	RB1#3	22.67	22.96	22.50		
	RB1#5	22.65	22.80	22.48		
	RB3#0	22.50	22.69	22.51		
	RB3#3	22.52	22.68	22.46		
	RB6#0	21.58	21.76	21.58		
1.4MHz 16QAM	RB1#0	21.69	21.83	21.43	24.96	30
	RB1#3	21.66	21.84	21.46		
	RB1#5	21.61	21.77	21.38		
	RB3#0	21.56	21.73	21.54		
	RB3#3	21.56	21.65	21.37		
	RB6#0	20.59	20.67	20.60		
3MHz QPSK	RB1#0	22.59	22.55	22.16	25.71	30
	RB1#8	22.54	22.39	22.04		
	RB1#14	22.52	22.23	21.95		
	RB6#0	21.55	21.31	21.18		
	RB6#9	21.55	21.07	20.99		
	RB15#0	21.61	21.22	21.19		
3MHz 16QAM	RB1#0	21.53	21.44	21.24	24.65	30
	RB1#8	21.52	21.14	21.05		
	RB1#14	21.53	21.07	20.85		
	RB6#0	20.66	20.23	20.14		
	RB6#9	20.59	20.06	20.00		
	RB15#0	20.62	20.13	20.10		
5MHz QPSK	RB1#0	22.03	22.43	22.30	25.55	30
	RB1#13	22.05	22.21	22.27		
	RB1#24	22.01	22.11	21.93		
	RB15#0	21.10	21.22	21.30		
	RB15#10	21.08	21.04	21.15		
	RB25#0	21.05	21.07	21.24		
5MHz 16QAM	RB1#0	21.09	21.42	21.38	24.54	30
	RB1#13	21.08	21.25	21.27		
	RB1#24	20.93	20.97	21.02		
	RB15#0	20.13	20.18	20.29		
	RB15#10	20.05	20.07	20.16		
	RB25#0	20.07	20.10	20.20		
10MHz QPSK	RB1#0	22.21	22.43	22.29	25.57	30

	RB1#25	22.25	22.45	22.40		
	RB1#49	22.15	22.12	22.03		
	RB25#0	21.18	21.43	21.15		
	RB25#25	21.06	21.10	21.23		
	RB50#0	21.13	21.25	21.22		
10MHz 16QAM	RB1#0	21.03	21.36	21.16	24.64	30
	RB1#25	20.97	21.17	21.52		
	RB1#49	20.93	20.87	20.89		
	RB25#0	20.04	20.39	20.15		
	RB25#25	20.05	20.09	20.20		
	RB50#0	20.08	20.22	20.21		
15MHz QPSK	RB1#0	22.27	22.23	22.03	25.46	30
	RB1#38	22.22	22.24	22.09		
	RB1#74	22.34	22.23	21.97		
	RB36#0	21.13	21.47	21.08		
	RB36#39	21.09	21.06	21.16		
	RB75#0	21.11	21.28	21.10		
15MHz 16QAM	RB1#0	20.94	21.17	20.95	24.43	30
	RB1#38	20.87	21.08	21.18		
	RB1#74	20.92	21.31	20.79		
	RB36#0	20.04	20.36	20.06		
	RB36#39	20.05	20.09	20.22		
	RB75#0	20.04	20.25	20.09		
20MHz QPSK	RB1#0	22.01	22.43	22.03	25.64	30
	RB1#50	22.21	22.49	21.99		
	RB1#99	22.18	22.52	21.89		
	RB50#0	21.04	21.42	21.02		
	RB50#50	21.11	21.13	21.15		
	RB100#0	21.18	21.33	21.03		
20MHz 16QAM	RB1#0	21.12	21.07	20.98	24.41	30
	RB1#50	21.29	21.10	21.13		
	RB1#99	21.15	21.23	20.94		
	RB50#0	20.05	20.39	20.00		
	RB50#50	20.09	20.20	20.12		
	RB100#0	20.10	20.29	20.04		

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	3.10	4.35	3.94	13
	RB100#0	4.55	4.93	4.14	13
20MHz 16QAM	RB1#0	4.17	5.62	5.16	13
	RB100#0	5.57	5.88	5.19	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	1.108	1.102	1.362	1.314	1.314
1.4MHz 16QAM	1.102	1.102	1.102	1.338	1.308	1.308
3MHz QPSK	2.695	2.695	2.695	2.976	2.964	2.988
3MHz 16QAM	2.695	2.695	2.695	2.964	2.952	2.976
5MHz QPSK	4.511	4.511	4.511	5.040	5.040	5.060
5MHz 16QAM	4.511	4.511	4.531	5.040	5.060	5.100
10MHz QPSK	8.942	8.942	8.942	9.680	9.760	9.680
10MHz 16QAM	8.942	8.942	8.942	9.800	9.760	9.720
15MHz QPSK	13.533	13.473	13.413	14.880	14.880	14.820
15MHz 16QAM	13.533	13.473	13.413	14.940	14.820	14.640
20MHz QPSK	17.964	17.884	17.884	19.680	19.520	19.360
20MHz 16QAM	17.964	17.884	17.884	19.680	19.440	19.440
Note: The test plots please refer to the Plots of Occupied Bandwidth						

FCC §2.1051, §27.53:Spurious Emissions at Antenna Terminal	
Result:	Pass, Please refer to the test plots of Spurious Emissions at Antenna Terminal.

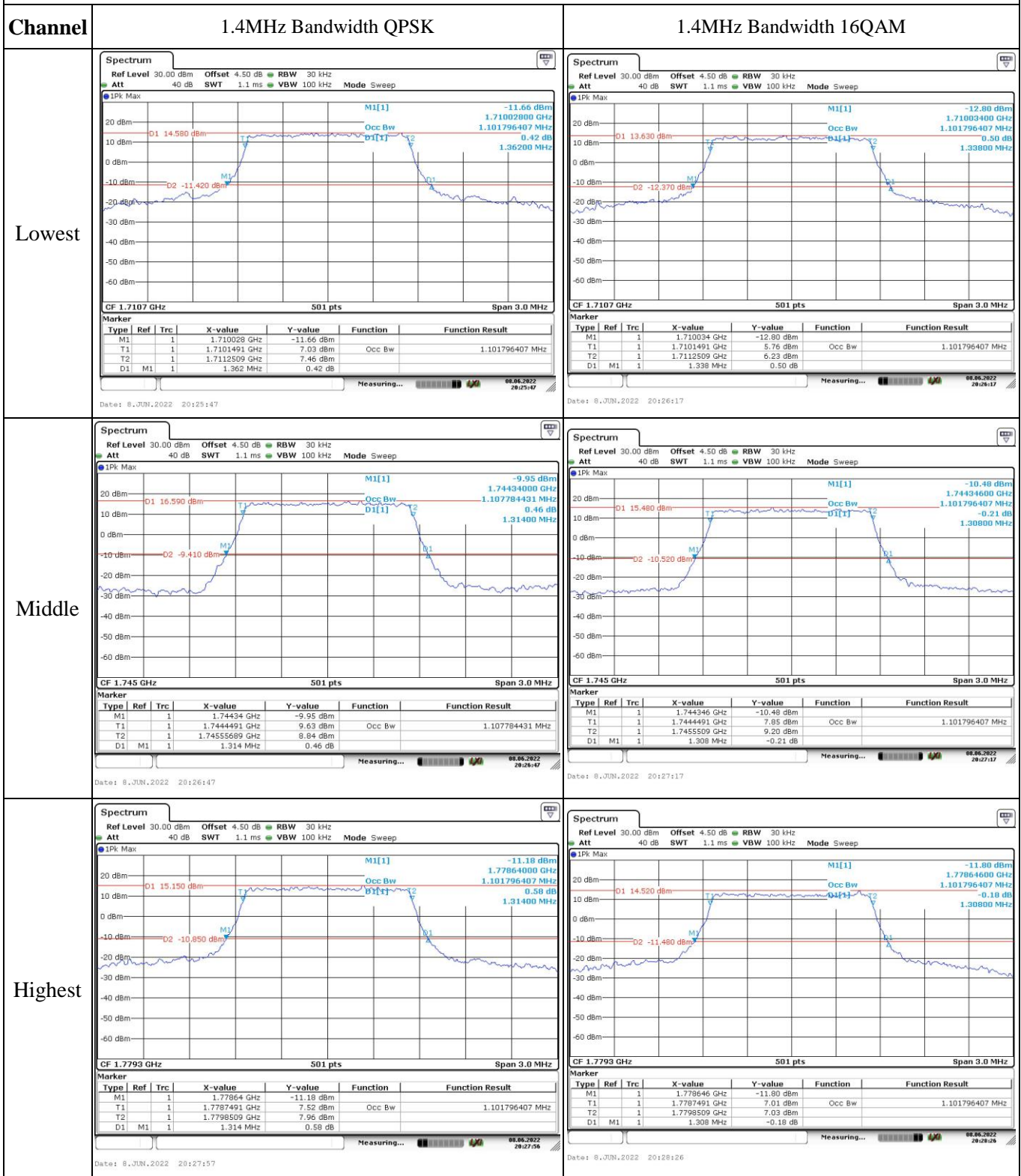
FCC §2.1051, §27.53:Out of band emission, Band Edge	
Result:	Pass, Please refer to the test plots of Out of band emission, Band Edge.

FCC §2.1055, §27.54: Frequency Stability						
Test Mode:	20M QPSK	Test Channel: Lowest for Lower Edge,Highest for Upper Edge				
Test Item	Temperature (°C)	Voltage (V _{DC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
Frequency Stability vs. Temperature	-30	3.7	1710.062	1710.00	1779.945	1780
	-20	3.7	1710.064	1710.00	1779.944	1780
	-10	3.7	1710.059	1710.00	1779.946	1780
	0	3.7	1710.060	1710.00	1779.945	1780
	10	3.7	1710.059	1710.00	1779.943	1780
	20	3.7	1710.058	1710.00	1779.942	1780
	30	3.7	1710.052	1710.00	1779.940	1780
	40	3.7	1710.054	1710.00	1779.939	1780
Frequency Stability vs. Voltage	20	3.4	1710.050	1710.00	1779.940	1780
	20	4.2	1710.057	1710.00	1779.941	1780
					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	3.7	1710.063	1710.00	1779.948	1780
	-20	3.7	1710.059	1710.00	1779.946	1780
	-10	3.7	1710.062	1710.00	1779.944	1780
	0	3.7	1710.061	1710.00	1779.948	1780
	10	3.7	1710.059	1710.00	1779.946	1780
	20	3.7	1710.058	1710.00	1779.942	1780
	30	3.7	1710.055	1710.00	1779.941	1780
	40	3.7	1710.054	1710.00	1779.936	1780
Frequency Stability vs. Voltage	20	3.4	1710.057	1710.00	1779.937	1780
	20	4.2	1710.055	1710.00	1779.936	1780
					Result:	Pass

Test Plots:

Occupied Bandwidth



Occupied Bandwidth

