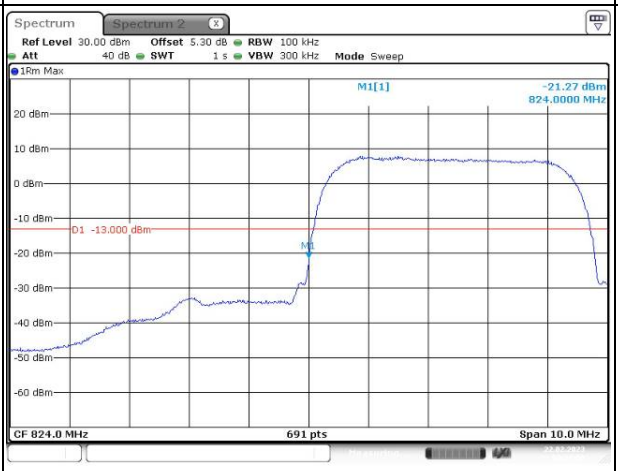
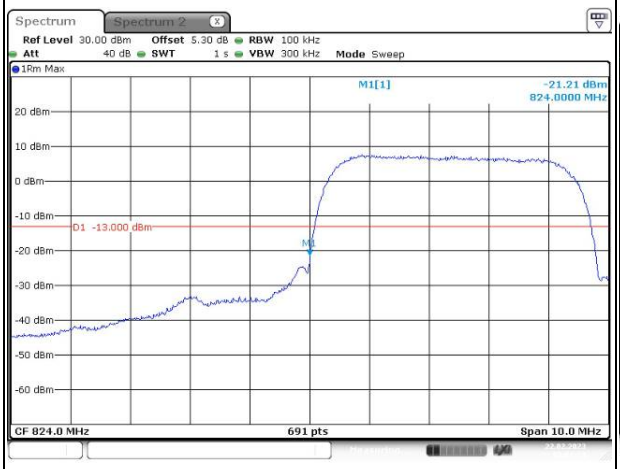
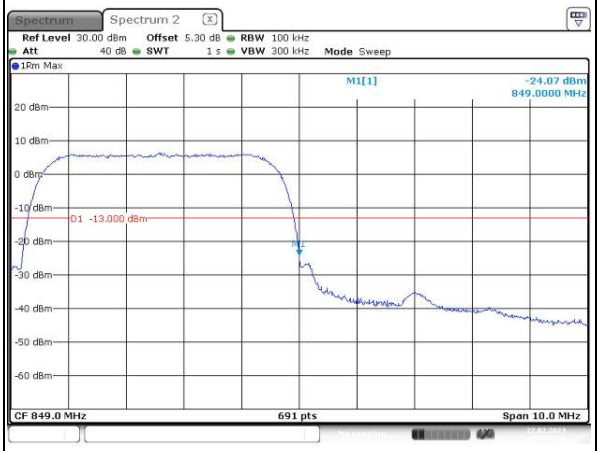
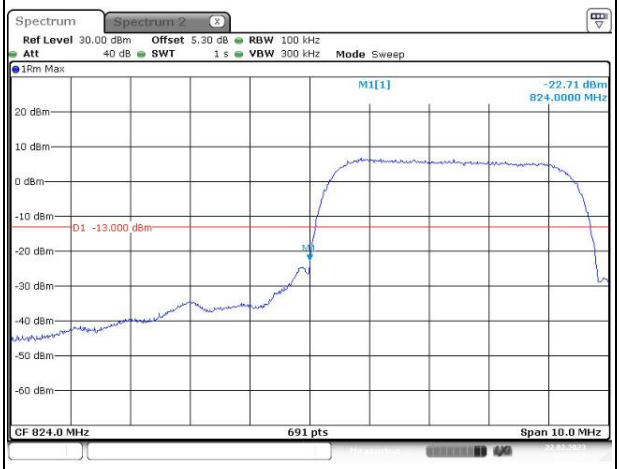
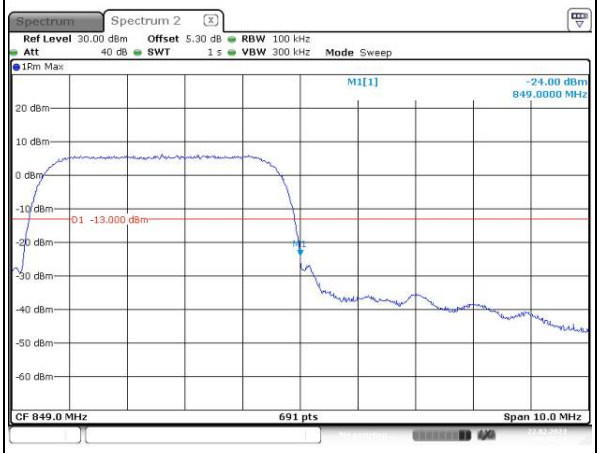
Out of band emission, Band Edge		
Mode	**Lowest**	**Highest**
R99		
HSUPA		
HSDPA		

4.6 Antenna Port Test Data and Results for LTE Band 2

Serial Number:	1WPX	Test Date:	2023/02/21~2023/02/23
Test Site:	RF	Test Mode:	Transmitting
Tester:	George	Test Result:	**Pass**

Environmental Conditions:					
Temperature: (℃)	22.8~24.6	Relative Humidity: (%)	37~49	ATM Pressure: (kPa)	100.8~101.6

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	211001	Each time	N/A
YINSAIGE	Coaxial Cable	SS402	SJ0100001	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554403	Each time	N/A
Weinschel	Power Splitter	1515	RA914	Each time	N/A
R&S	Wideband Radio Communication Tester	CMW500	149218	2022/04/06	2023/04/05
BACL	TEMP&HUMI Test Chamber	BTH-150-40	30174	2022/09/29	2023/09/28
UNI-T	Multimeter	UT39A+	C210582554	2022/7/15	2023/7/14
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)
1.4MHz	1850.7	1880	1909.3
3MHz	1851.5	1880	1908.5
5MHz	1852.5	1880	1907.5
10MHz	1855	1880	1905
15MHz	1857.5	1880	1902.5
20MHz	1860	1880	1900

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	17.77	17.36	17.39	19.47	33
	RB1#3	17.09	17.52	17.55		
	RB1#5	17.04	17.35	17.46		
	RB3#0	17.13	17.43	17.61		
	RB3#3	17.14	17.48	17.66		
	RB6#0	16.09	16.36	16.51		
1.4MHz 16QAM	RB1#0	16.08	16.45	16.49	18.37	33
	RB1#3	16.26	16.63	16.57		
	RB1#5	16.08	16.5	16.49		
	RB3#0	16.33	16.44	16.67		
	RB3#3	16.3	16.42	16.67		
	RB6#0	15.16	15.44	15.54		
3MHz QPSK	RB1#0	17.11	17.36	17.48	19.18	33
	RB1#8	17.15	17.42	17.48		
	RB1#14	17.13	17.39	17.47		
	RB6#0	16.06	16.36	16.51		
	RB6#9	16.08	16.35	16.45		
	RB15#0	16.13	16.4	16.5		
3MHz 16QAM	RB1#0	16.25	16.45	17.06	18.8	33
	RB1#8	16.31	16.44	17.08		
	RB1#14	16.29	16.41	17.1		
	RB6#0	15.12	15.34	15.58		
	RB6#9	15.21	15.36	15.6		
	RB15#0	15.15	15.53	15.64		
5MHz QPSK	RB1#0	17.06	17.34	17.4	19.29	33
	RB1#13	17.22	17.52	17.59		
	RB1#24	17.11	17.36	17.45		
	RB15#0	16.2	16.45	16.56		
	RB15#10	16.18	16.43	16.58		
	RB25#0	16.14	16.42	16.54		
5MHz 16QAM	RB1#0	15.91	16.63	16.51	18.48	33
	RB1#13	16.11	16.78	16.63		
	RB1#24	16	16.66	16.56		
	RB15#0	15.29	15.54	15.69		
	RB15#10	15.27	15.46	15.62		
	RB25#0	15.24	15.46	15.6		
10MHz QPSK	RB1#0	17.05	17.33	17.49	19.39	33
	RB1#25	17.23	17.63	17.69		
	RB1#49	17.17	17.46	17.52		

	RB25#0	16.15	16.4	16.53		
	RB25#25	16.23	16.39	16.56		
	RB50#0	16.24	16.43	16.57		
10MHz 16QAM	RB1#0	16.7	16.54	16.5	18.64	33
	RB1#25	16.94	16.71	16.69		
	RB1#49	16.85	16.59	16.56		
	RB25#0	15.27	15.55	15.72		
	RB25#25	15.38	15.48	15.68		
	RB50#0	15.3	15.49	15.65		
15MHz QPSK	RB1#0	16.96	17.26	17.37	19.25	33
	RB1#38	17.16	17.47	17.55		
	RB1#74	17.16	17.42	17.48		
	RB36#0	16.14	16.41	16.57		
	RB36#39	16.28	16.4	16.59		
	RB75#0	16.19	16.41	16.54		
15MHz 16QAM	RB1#0	16.65	16.38	16.78	18.69	33
	RB1#38	16.85	16.59	16.99		
	RB1#74	16.81	16.53	16.9		
	RB36#0	15.18	15.46	15.58		
	RB36#39	15.35	15.46	15.58		
	RB75#0	15.24	15.47	15.56		
20MHz QPSK	RB1#0	16.82	17.02	17.19	19.43	33
	RB1#50	17.39	17.54	17.73		
	RB1#99	17.14	17.21	17.37		
	RB50#0	16.18	16.42	16.59		
	RB50#50	16.36	16.42	16.52		
	RB100#0	16.27	16.42	16.58		
20MHz 16QAM	RB1#0	16.13	16.66	16.49	18.85	33
	RB1#50	16.61	17.15	17.02		
	RB1#99	16.37	16.81	16.62		
	RB50#0	15.22	15.48	15.65		
	RB50#50	15.42	15.48	15.59		
	RB100#0	15.35	15.5	15.68		
Note: EIRP=Conducted Power(dBm) - L_C(dB) + G_T(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	6	6.09	5.74	13
	RB100#0	4.52	4.55	4.52	13
20MHz 16QAM	RB1#0	6.67	7.13	6.17	13
	RB100#0	6.09	6.09	6.03	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	1.096	1.326	1.29	1.296
1.4MHz 16QAM	1.096	1.102	1.102	1.29	1.302	1.32
3MHz QPSK	2.683	2.683	2.695	2.892	2.88	2.88
3MHz 16QAM	2.683	2.683	2.683	2.88	2.892	2.88
5MHz QPSK	4.531	4.511	4.491	4.98	4.94	4.92
5MHz 16QAM	4.491	4.531	4.511	4.94	4.96	4.94
10MHz QPSK	8.942	8.942	8.942	9.64	9.64	9.68
10MHz 16QAM	8.982	8.942	8.942	9.68	9.6	9.56
15MHz QPSK	13.473	13.413	13.473	14.76	14.7	15.12
15MHz 16QAM	13.473	13.473	13.533	14.7	14.76	14.76
20MHz QPSK	17.964	17.964	17.964	19.6	19.28	19.28
20MHz 16QAM	17.964	17.964	17.964	19.36	19.28	19.44
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.**

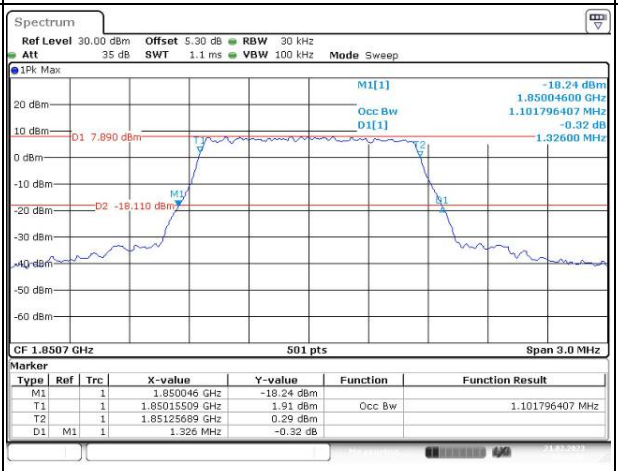
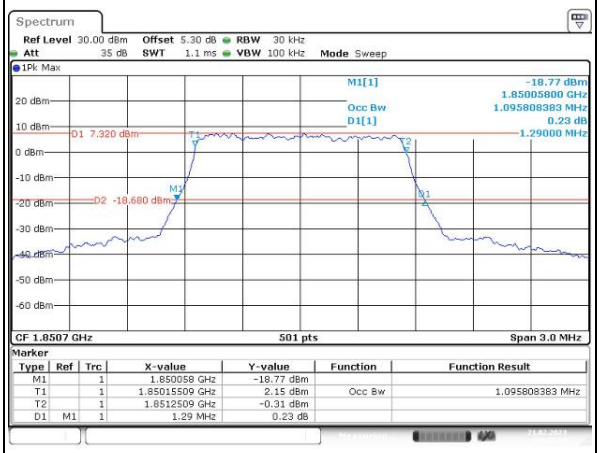
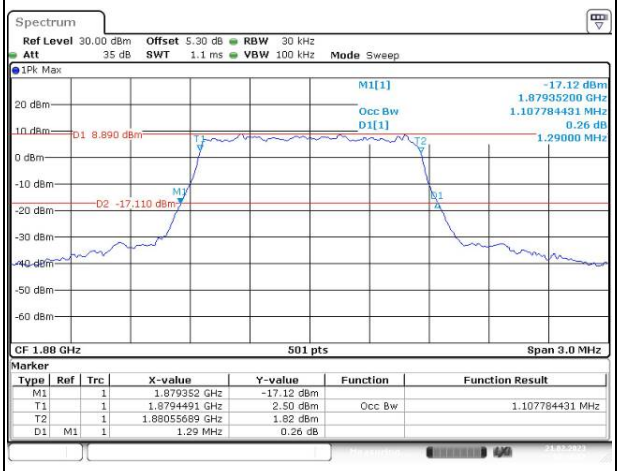
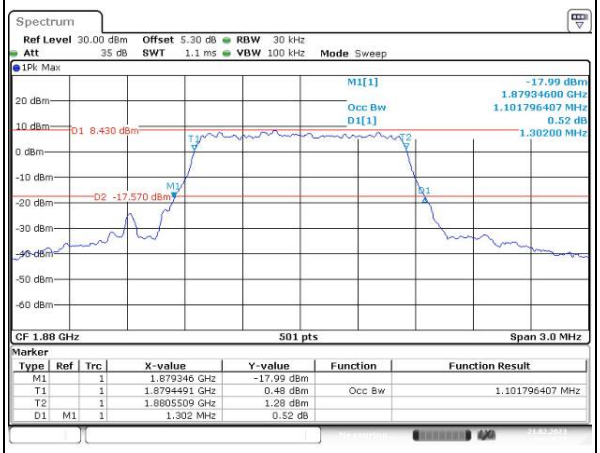
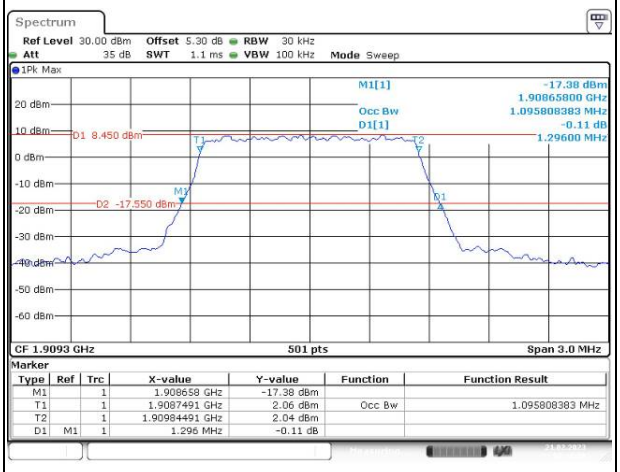
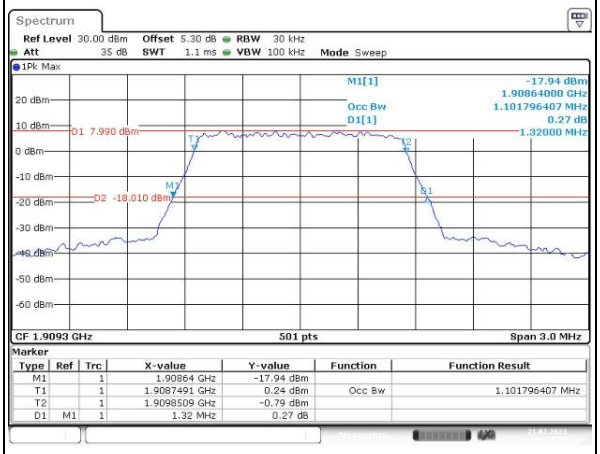
FCC §2.1051, § 24.238 (a):Out of band emission, Band Edge	
Result:	**Pass, Please refer to the test plots of Out of band emission, Band Edge.**

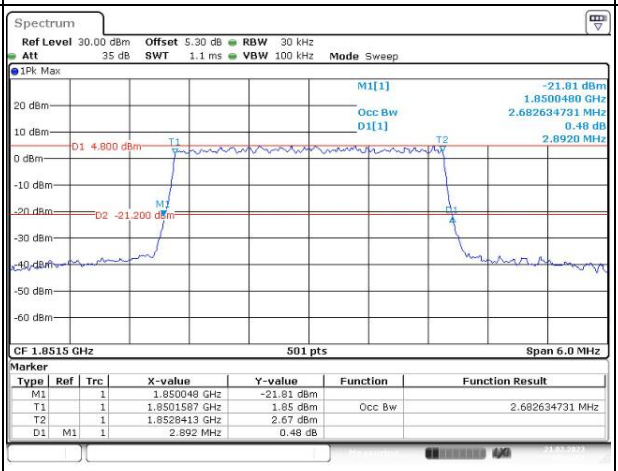
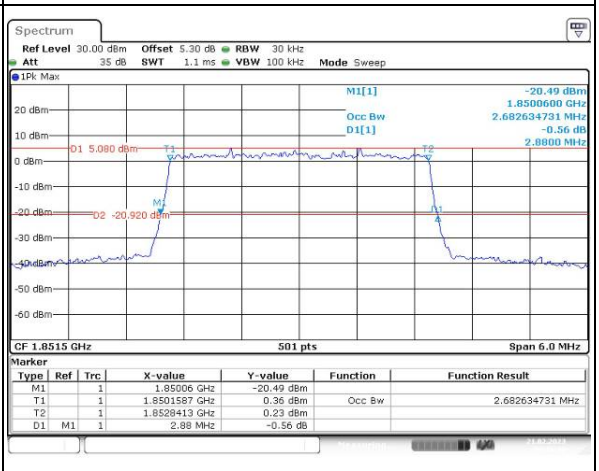
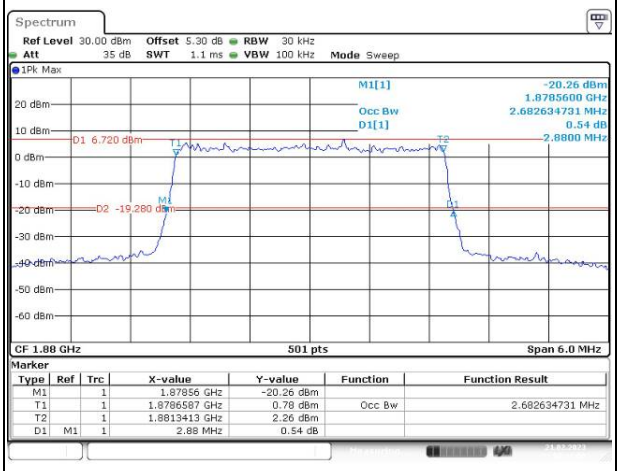
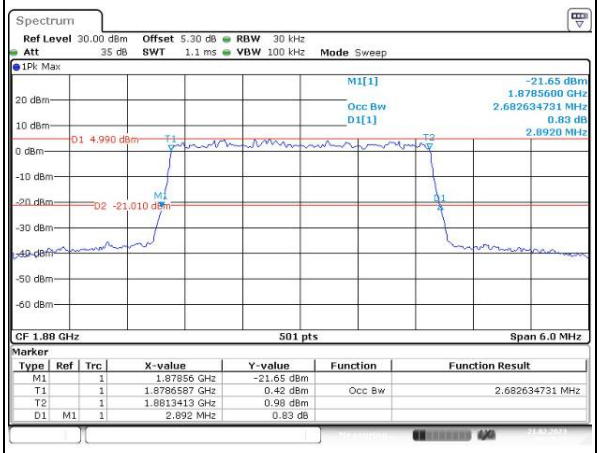
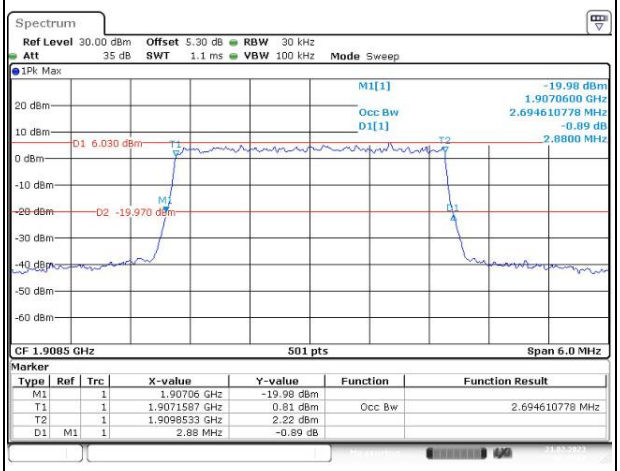
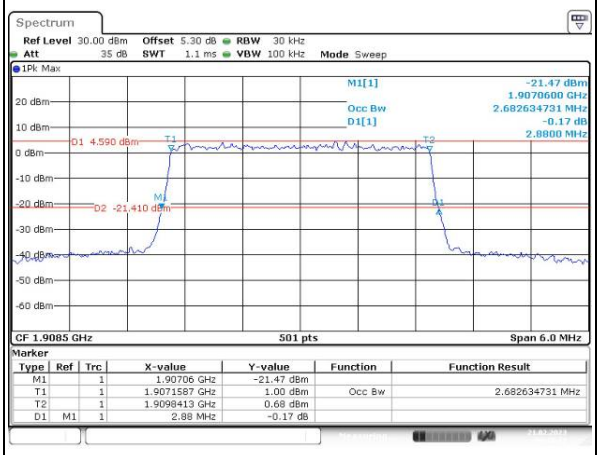
FCC §2.1055, §24.235: Frequency Stability

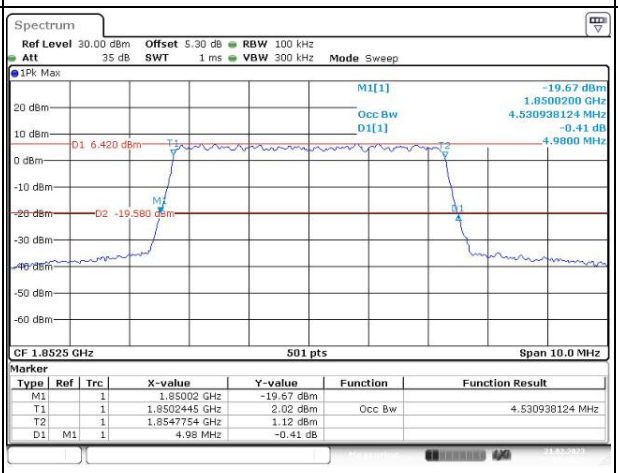
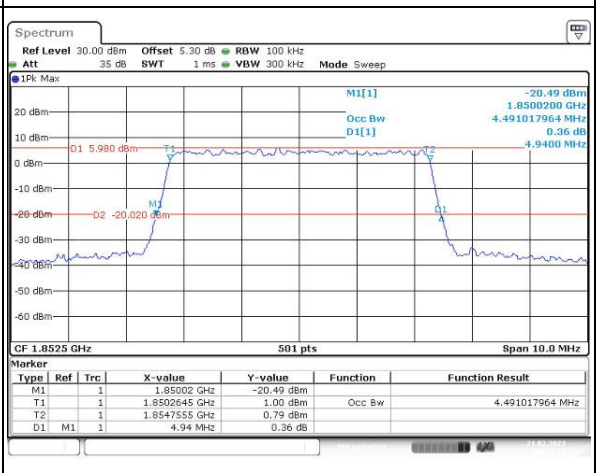
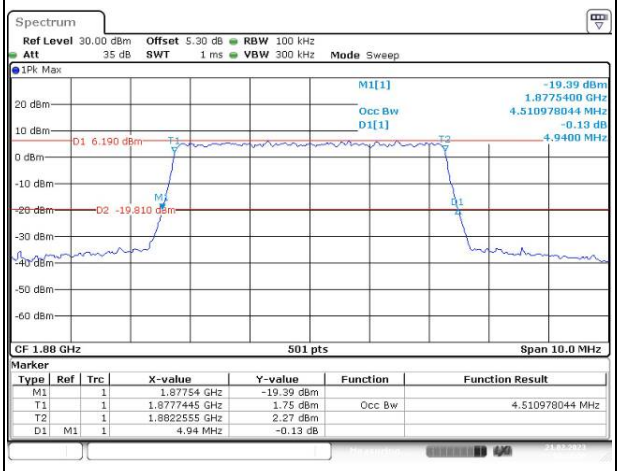
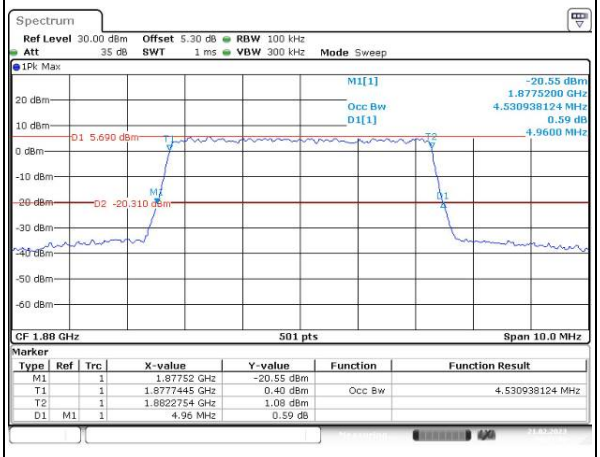
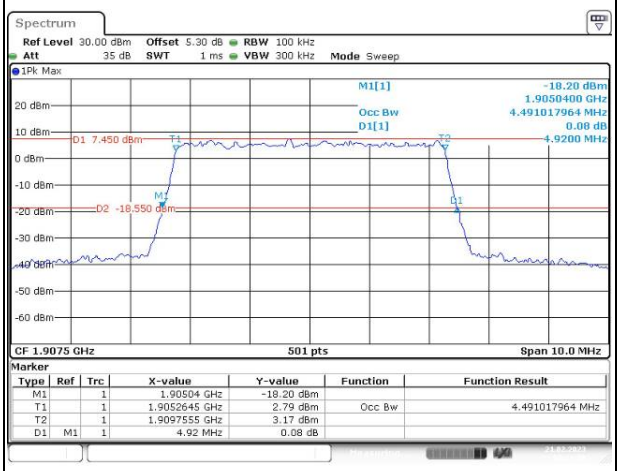
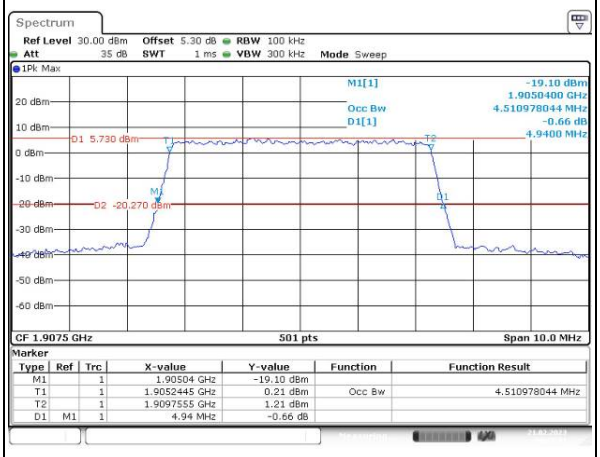
Test Mode:	20M QPSK	Test Channel: Lowest for Lower Edge,Highest for Upper Edge				
Test Item	Temperature (℃)	Voltage (V_{DC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
Frequency Stability vs. Temperature	-30	3.85	1850.344	1850.000	1909.767	1910.000
	-20	3.85	1850.372	1850.000	1909.711	1910.000
	-10	3.85	1850.379	1850.000	1909.707	1910.000
	0	3.85	1850.322	1850.000	1909.798	1910.000
	10	3.85	1850.388	1850.000	1909.728	1910.000
	20	3.85	1850.358	1850.000	1909.722	1910.000
	30	3.85	1850.306	1850.000	1909.703	1910.000
	40	3.85	1850.320	1850.000	1909.795	1910.000
	50	3.85	1850.321	1850.000	1909.729	1910.000
Frequency Stability vs. Voltage	20	3.45	1850.339	1850.000	1909.788	1910.000
	20	4.4	1850.361	1850.000	1909.794	1910.000
					Result:	**Pass**

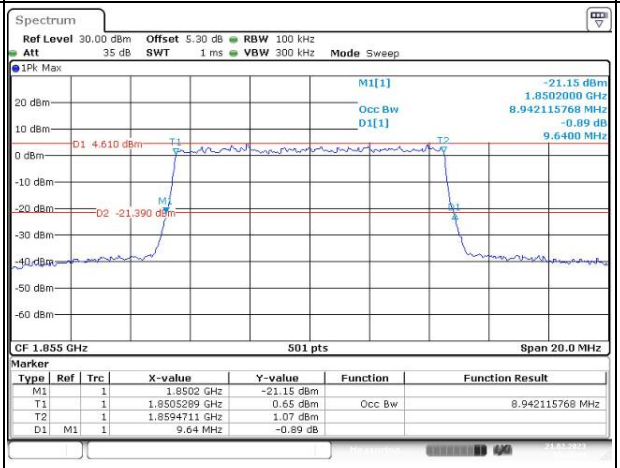
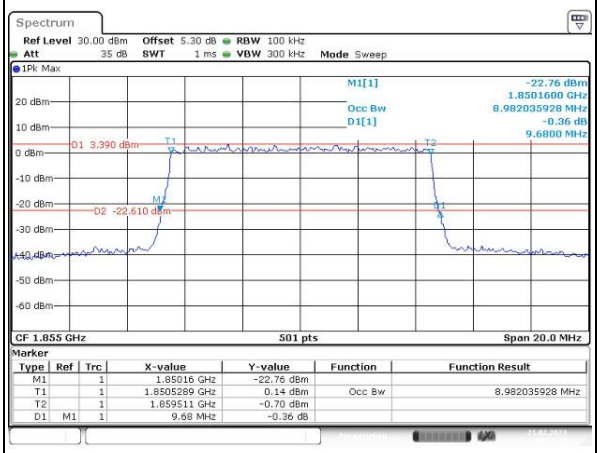
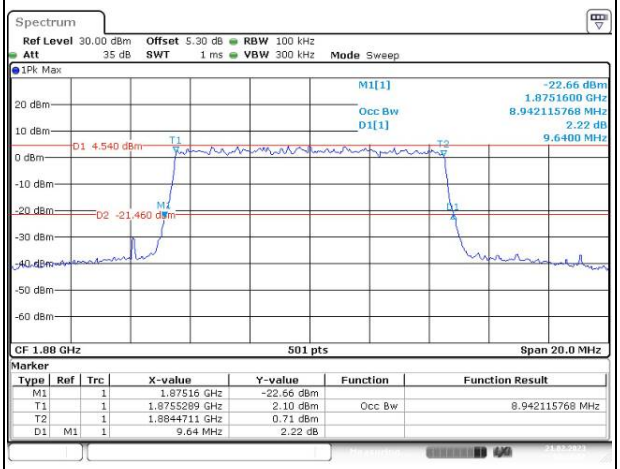
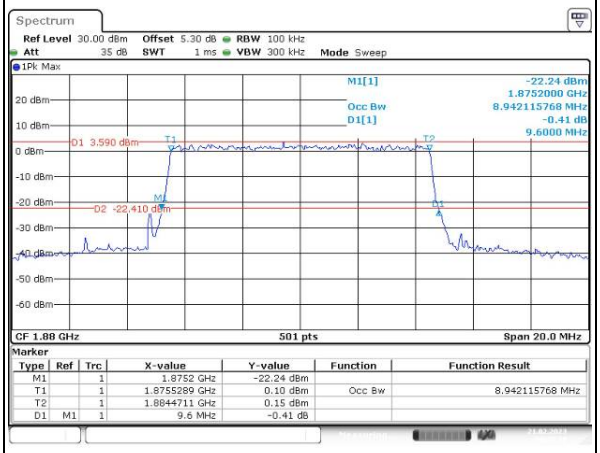
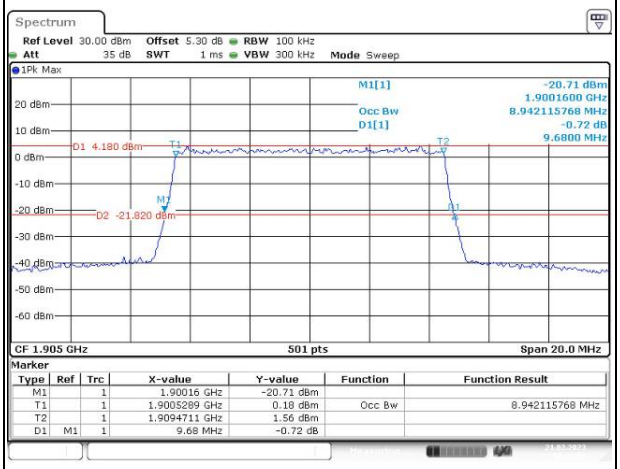
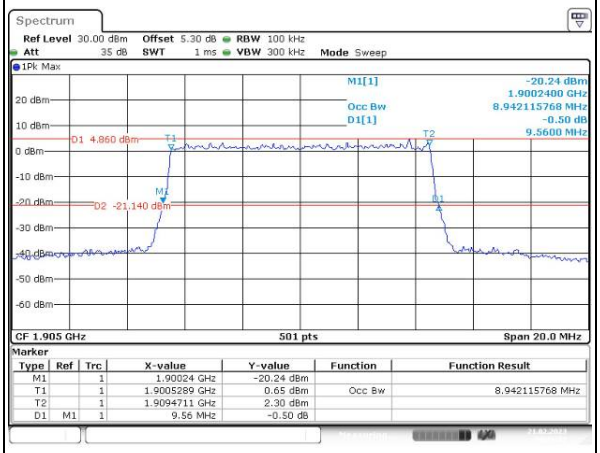
Test Mode:	20M 16QAM	Test Channel: Lowest for Lower Edge,Highest for Upper Edge				
Test Item	Temperature (℃)	Voltage (V_{DC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
Frequency Stability vs. Temperature	-30	3.85	1850.323	1850.000	1909.775	1910.000
	-20	3.85	1850.350	1850.000	1909.706	1910.000
	-10	3.85	1850.385	1850.000	1909.732	1910.000
	0	3.85	1850.390	1850.000	1909.794	1910.000
	10	3.85	1850.371	1850.000	1909.756	1910.000
	20	3.85	1850.358	1850.000	1909.742	1910.000
	30	3.85	1850.308	1850.000	1909.763	1910.000
	40	3.85	1850.335	1850.000	1909.747	1910.000
	50	3.85	1850.379	1850.000	1909.735	1910.000
Frequency Stability vs. Voltage	20	3.45	1850.315	1850.000	1909.773	1910.000
	20	4.4	1850.318	1850.000	1908.988	1910.000
					Result:	**Pass**

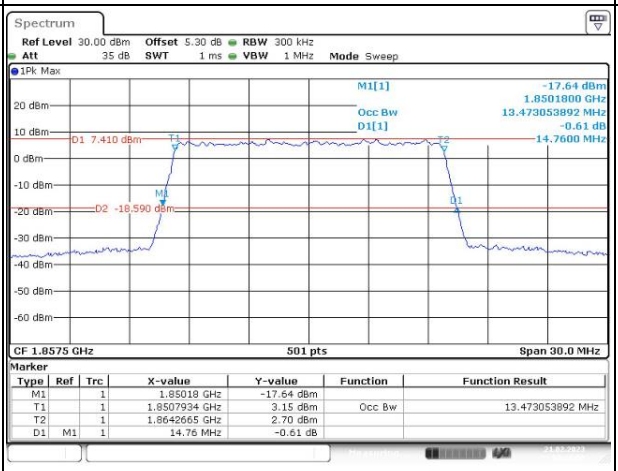
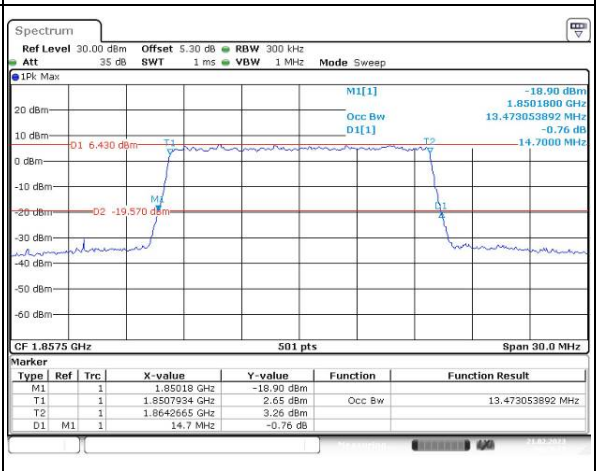
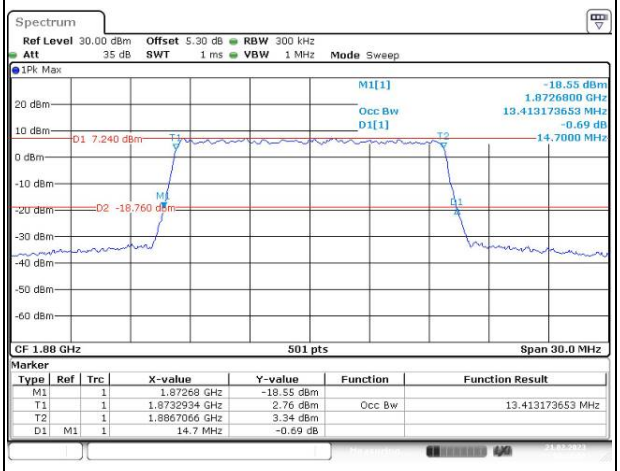
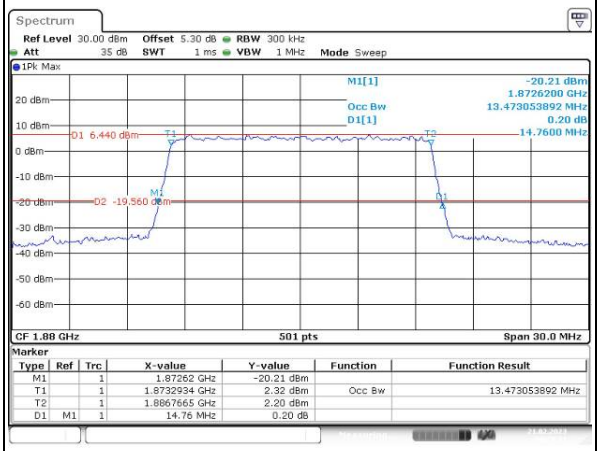
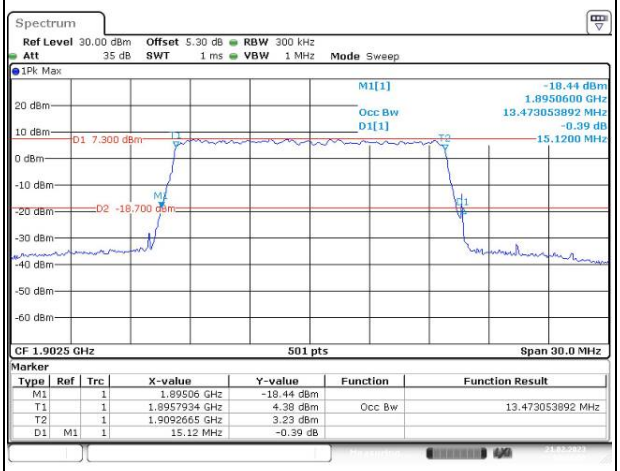
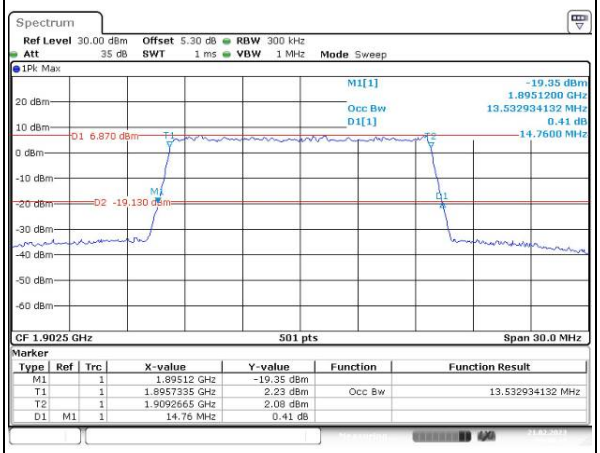
Test Plots(Note: The 5.3dB is the Insertion loss of the RF cable, Power Splitter and DC Block, which was offset into the Spectrum Analyzer)**:**

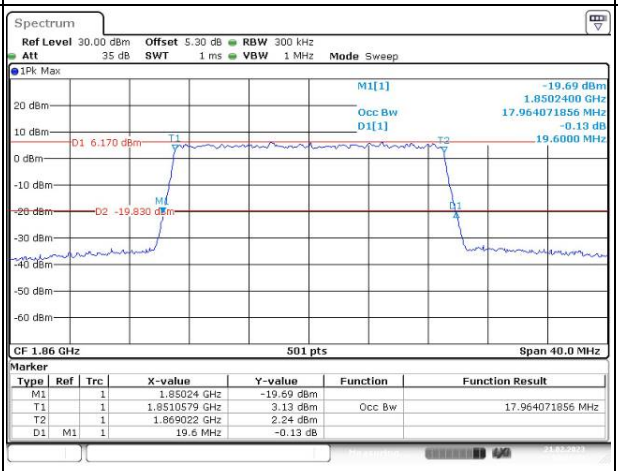
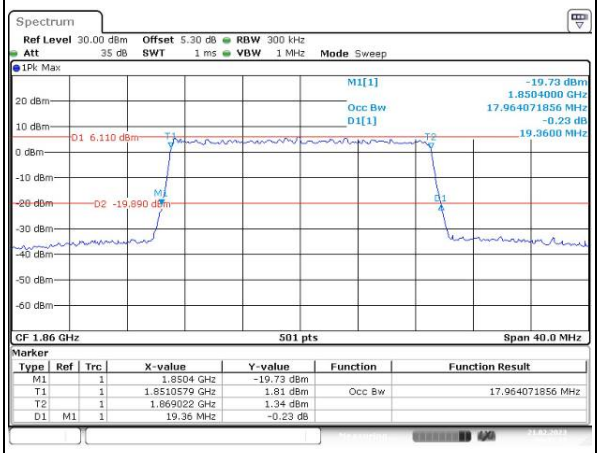
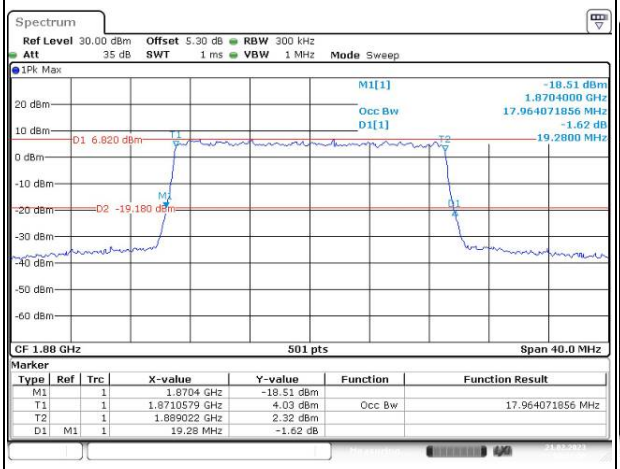
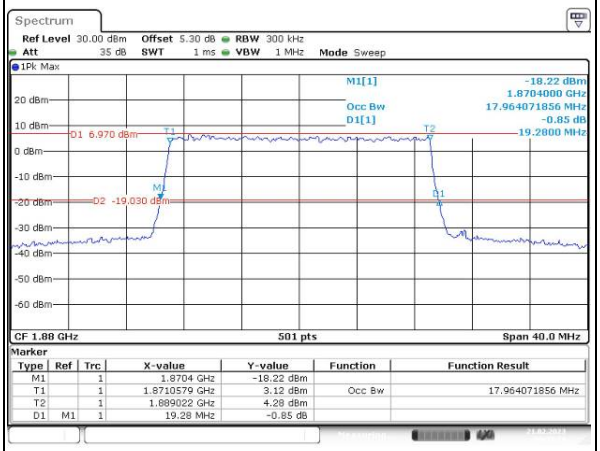
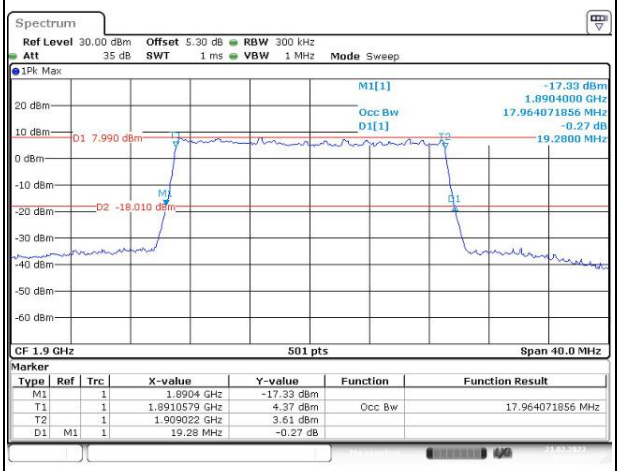
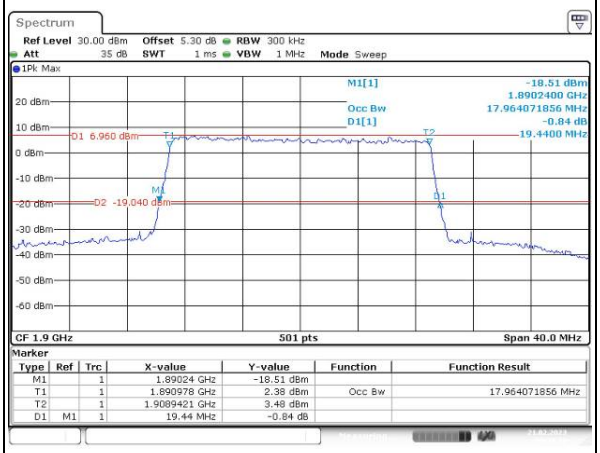
Occupied Bandwidth		
Channel	1.4MHz Bandwidth QPSK	1.4MHz Bandwidth 16QAM
Lowest		
Middle		
Highest		

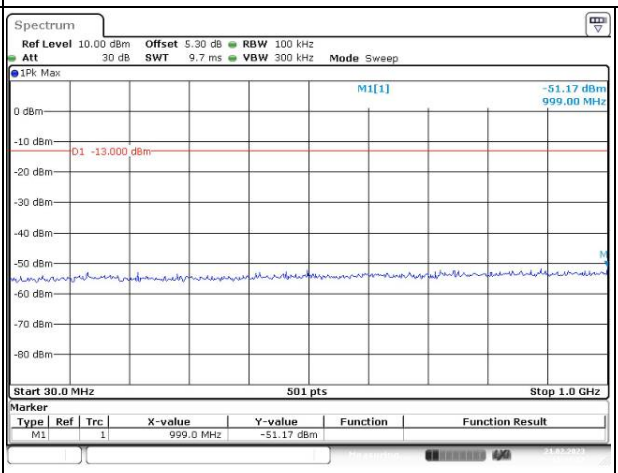
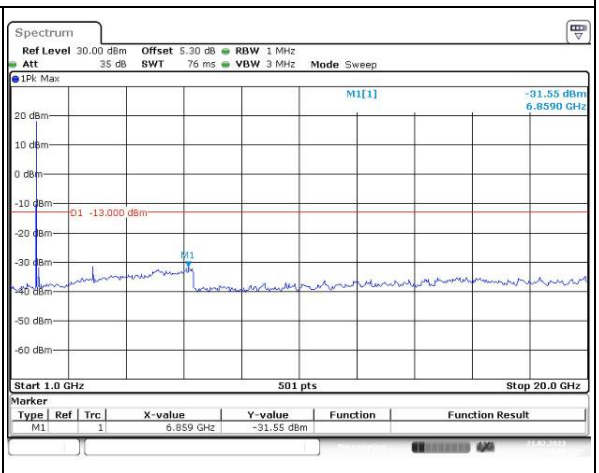
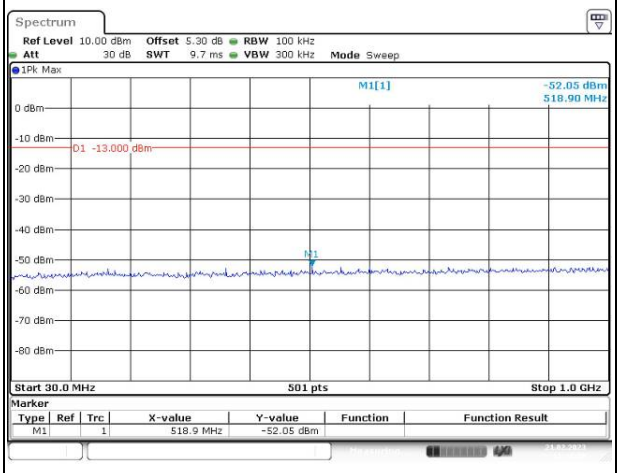
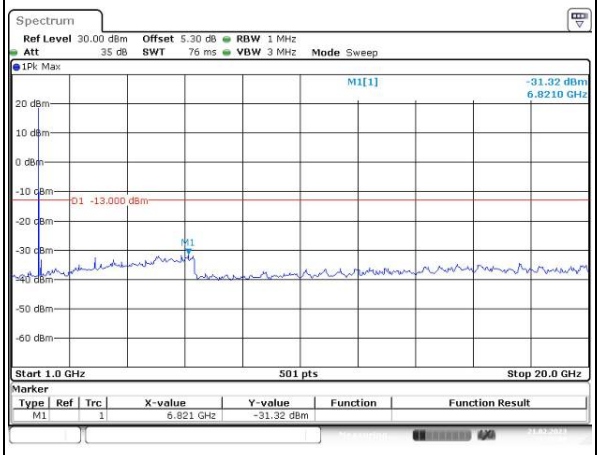
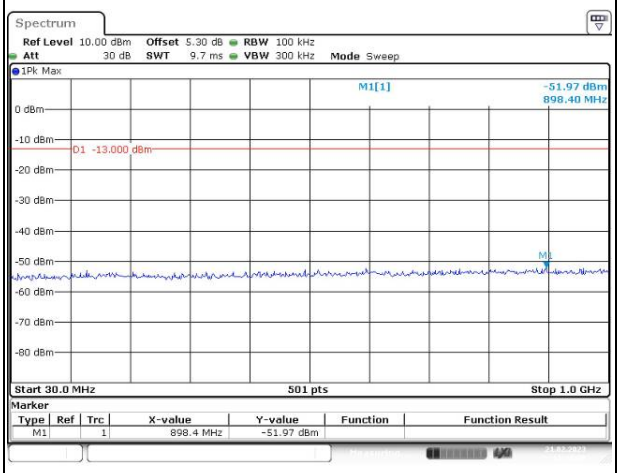
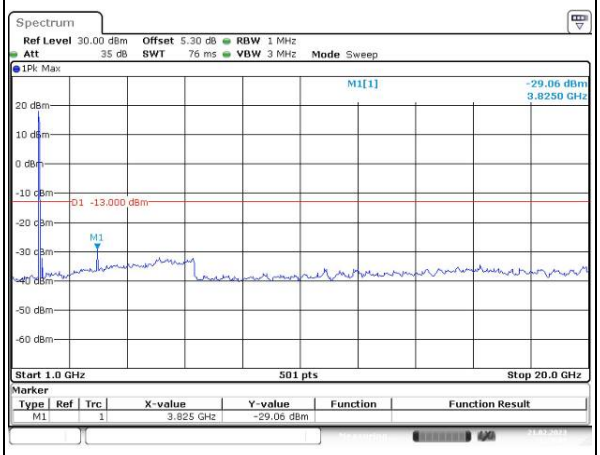
Occupied Bandwidth		
Channel	3MHz Bandwidth QPSK	3MHz Bandwidth 16QAM
Lowest		
Middle		
Highest		

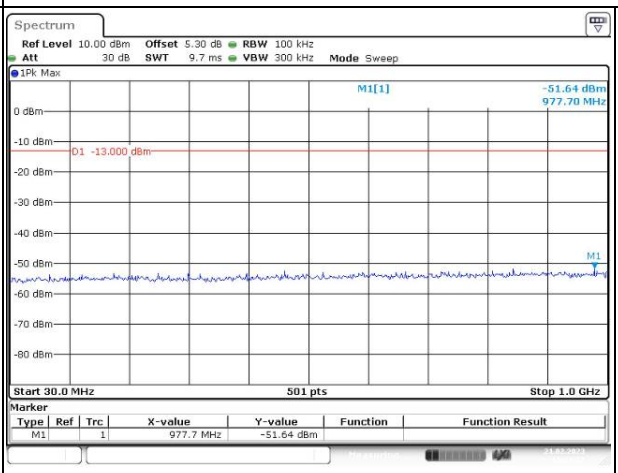
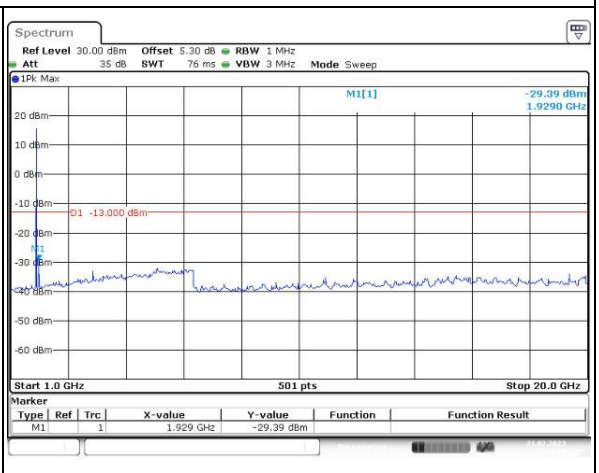
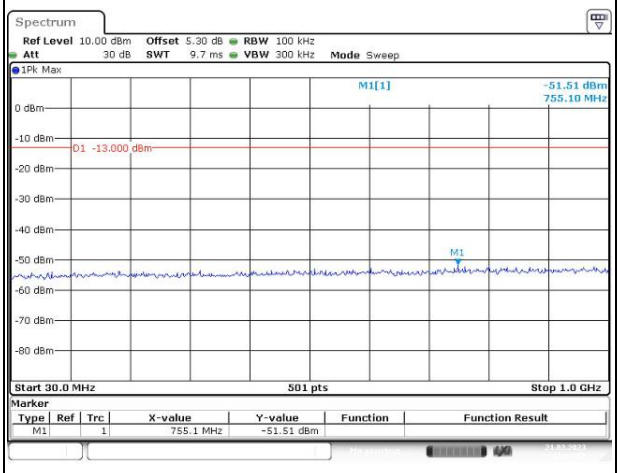
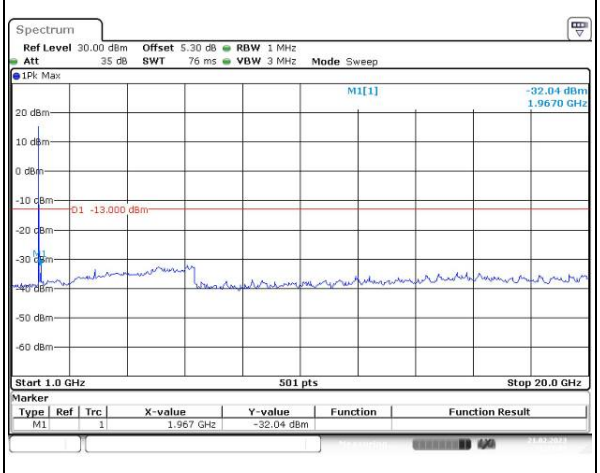
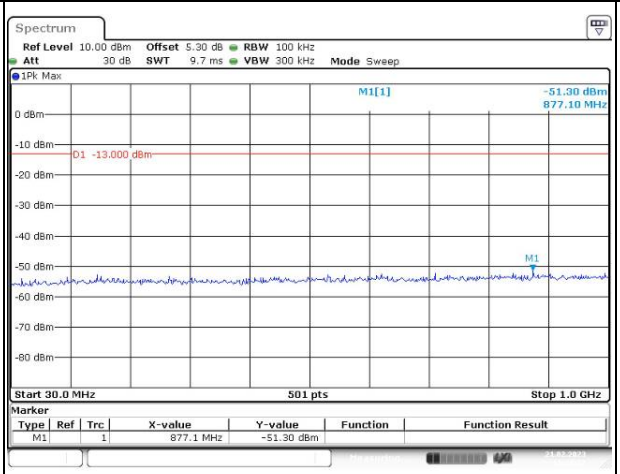
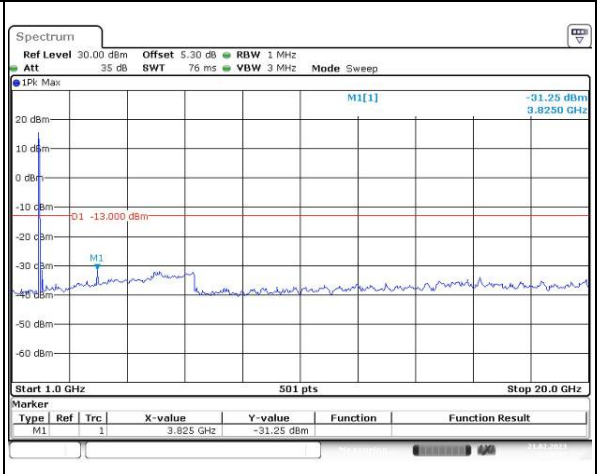
Occupied Bandwidth		
Channel	5MHz Bandwidth QPSK	5MHz Bandwidth 16QAM
Lowest		
Middle		
Highest		

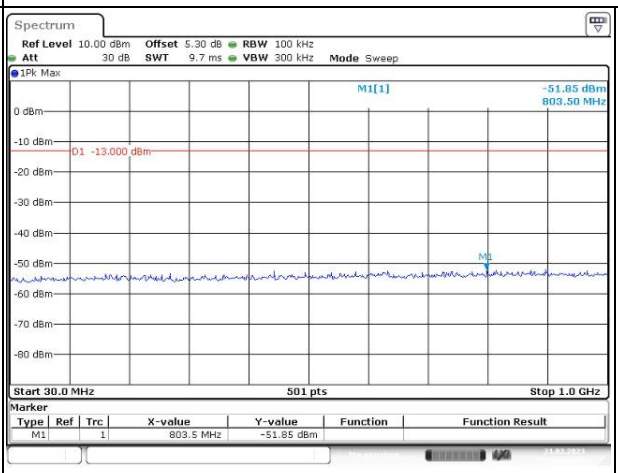
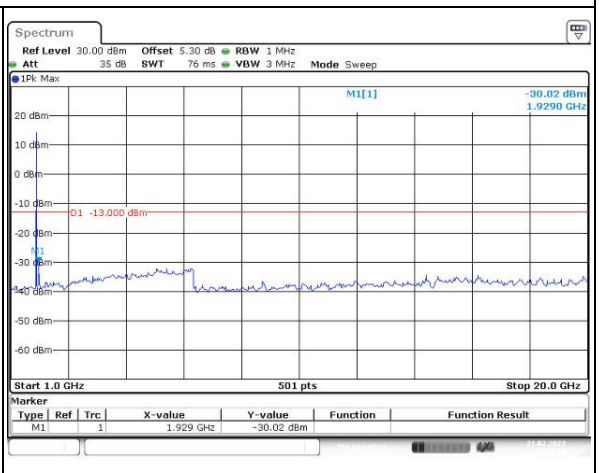
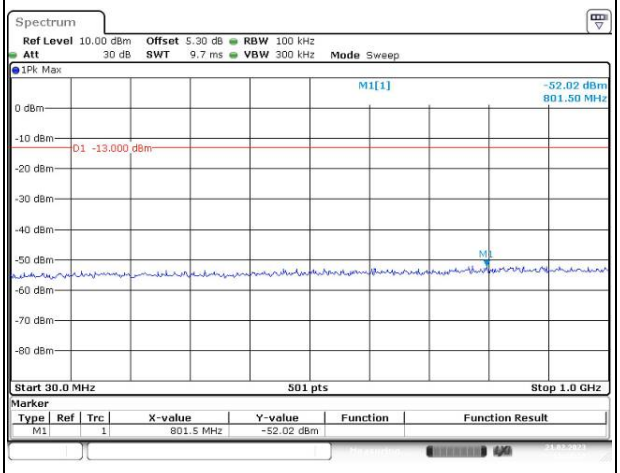
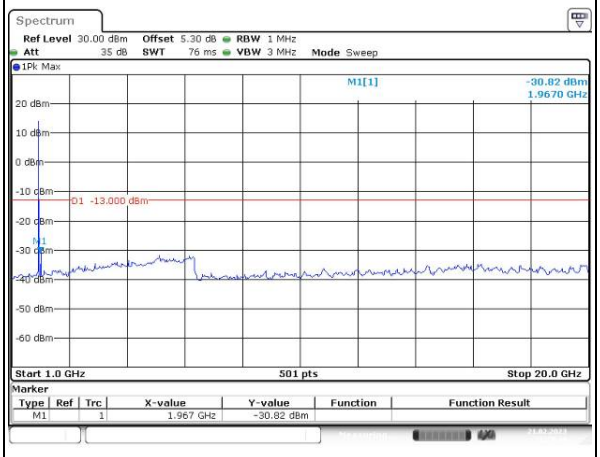
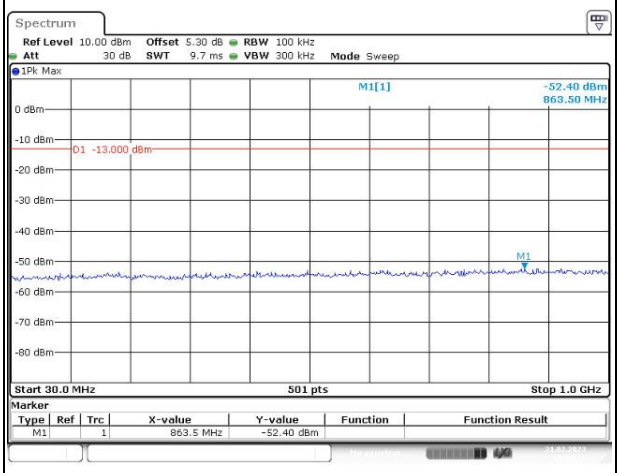
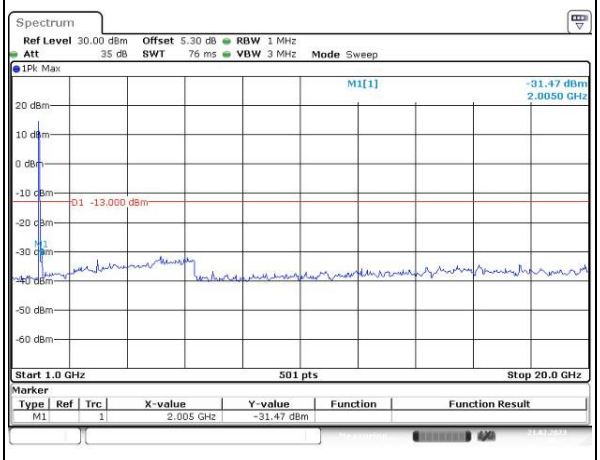
Occupied Bandwidth		
Channel	10MHz Bandwidth QPSK	10MHz Bandwidth 16QAM
Lowest		
Middle		
Highest		

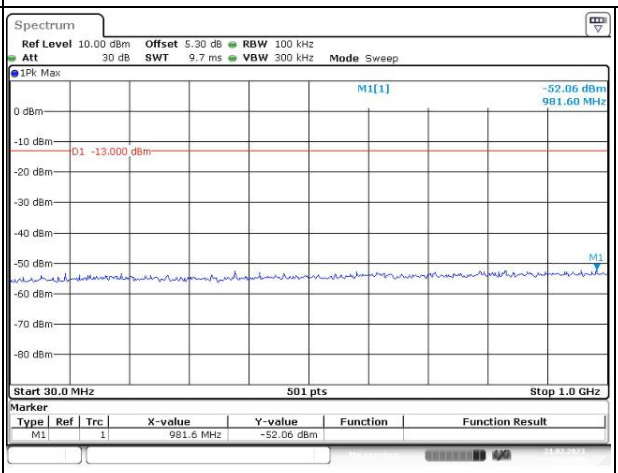
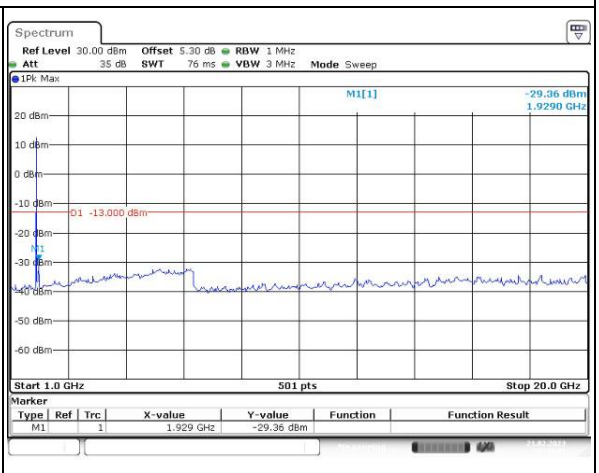
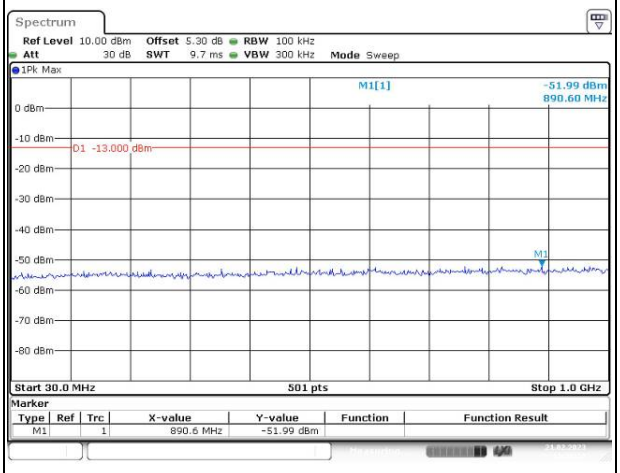
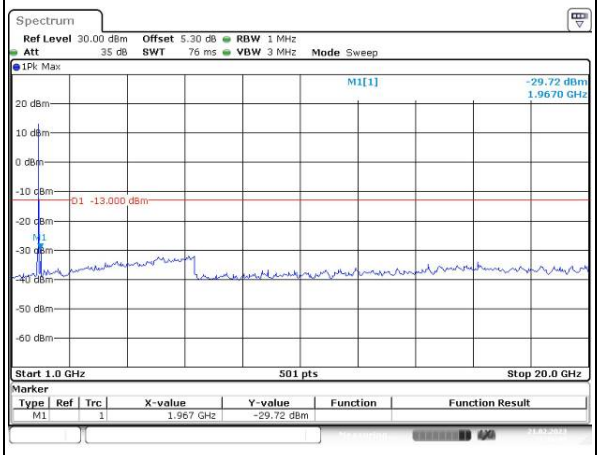
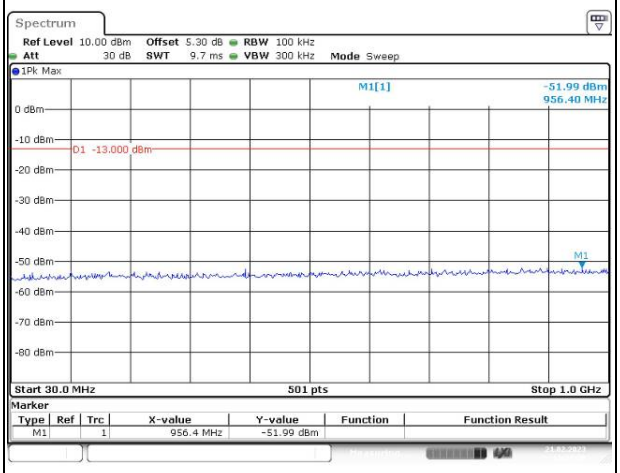
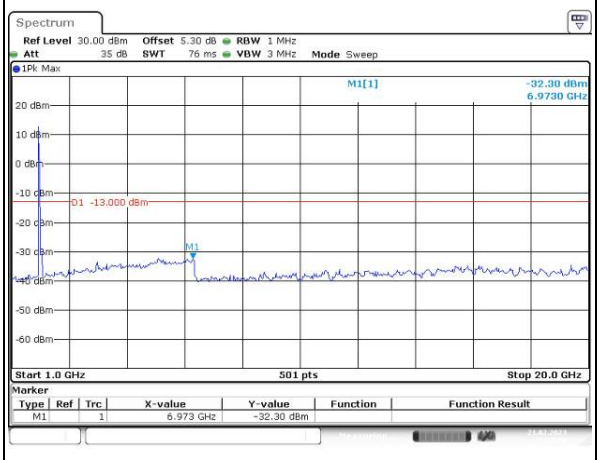
Occupied Bandwidth		
Channel	15MHz Bandwidth QPSK	15MHz Bandwidth 16QAM
Lowest		
Middle		
Highest		

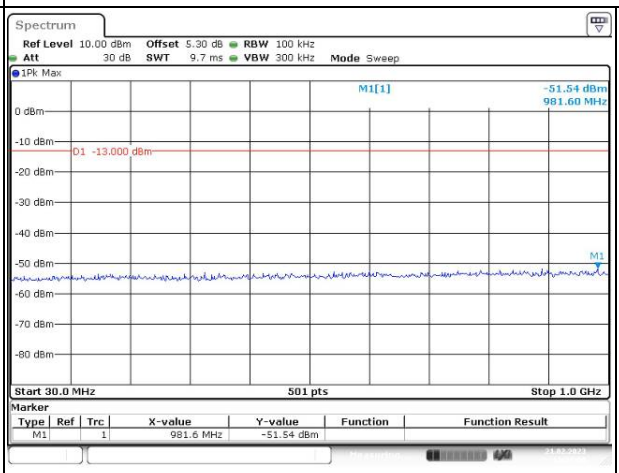
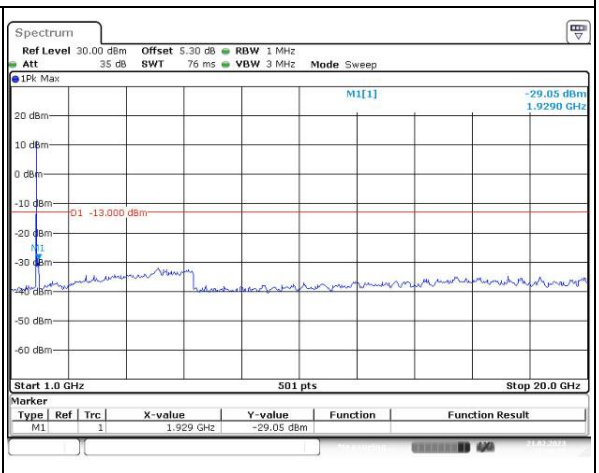
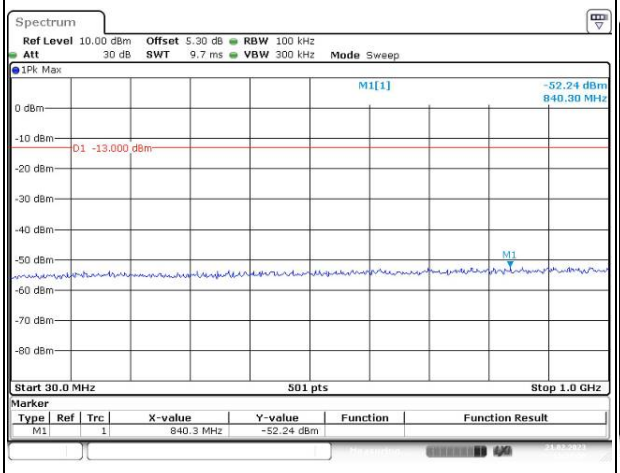
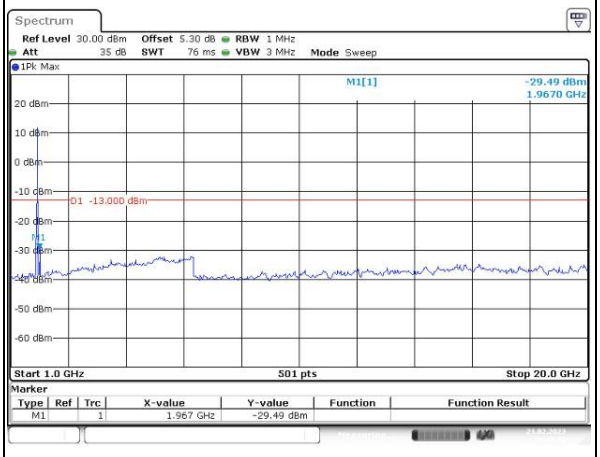
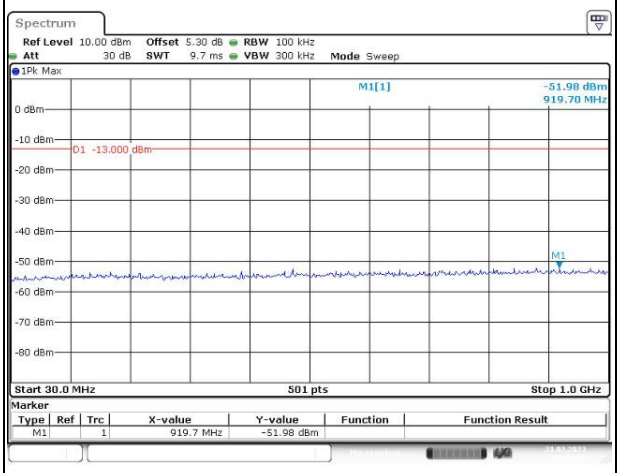
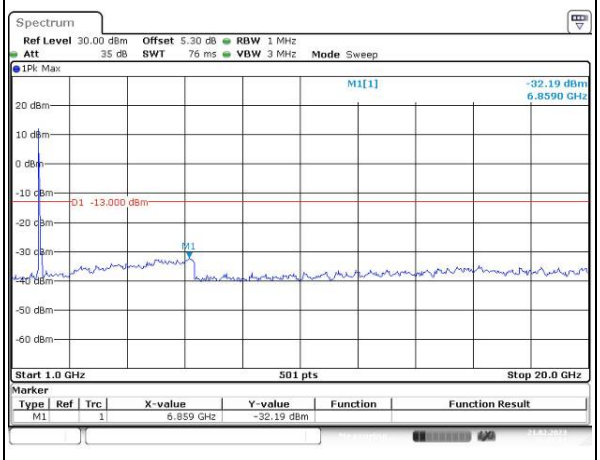
Occupied Bandwidth		
Channel	20MHz Bandwidth QPSK	20MHz Bandwidth 16QAM
Lowest		
Middle		
Highest		

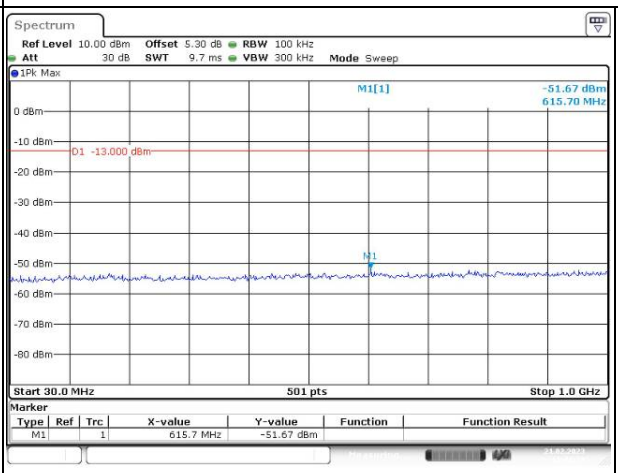
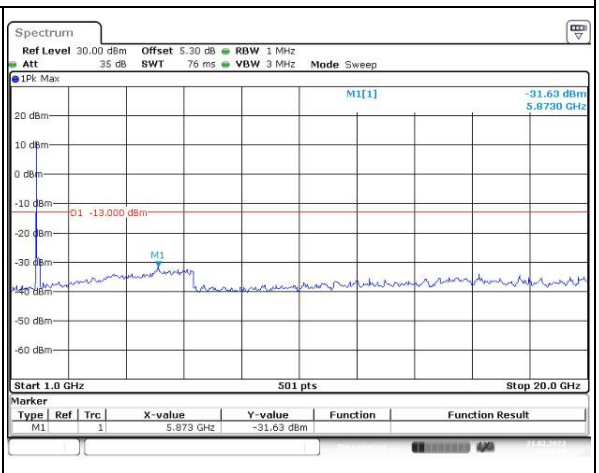
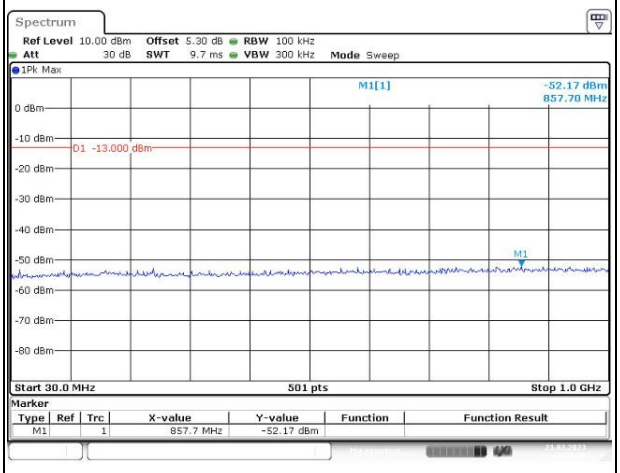
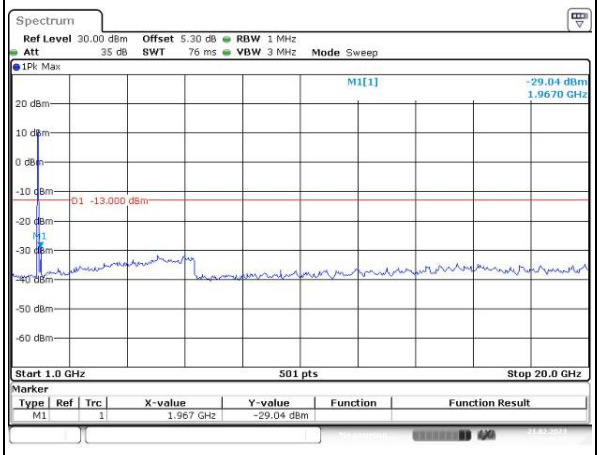
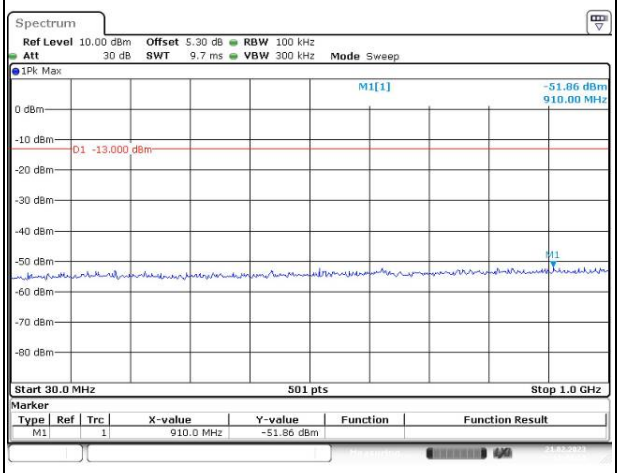
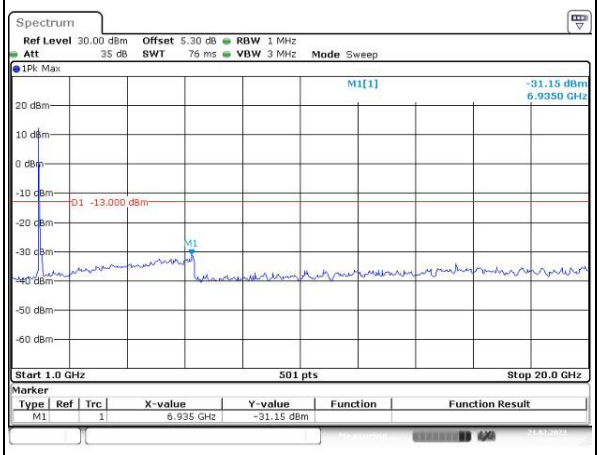
Spurious Emissions at Antenna Terminal		
Channel	**1.4MHz Bandwidth QPSK**	
Lowest		
Middle		
Highest		

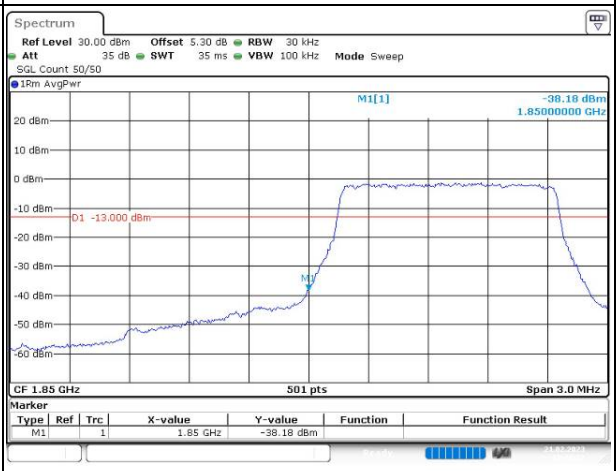
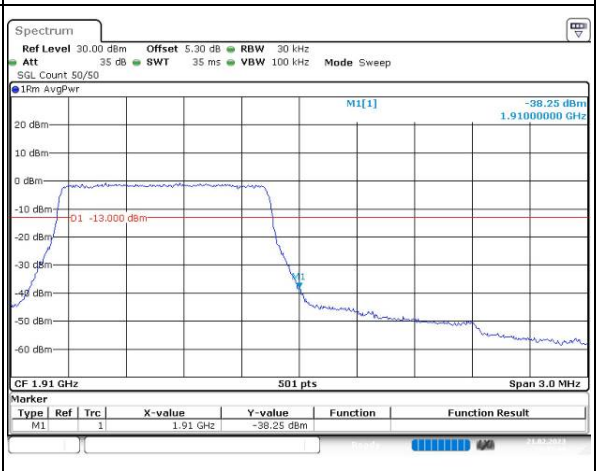
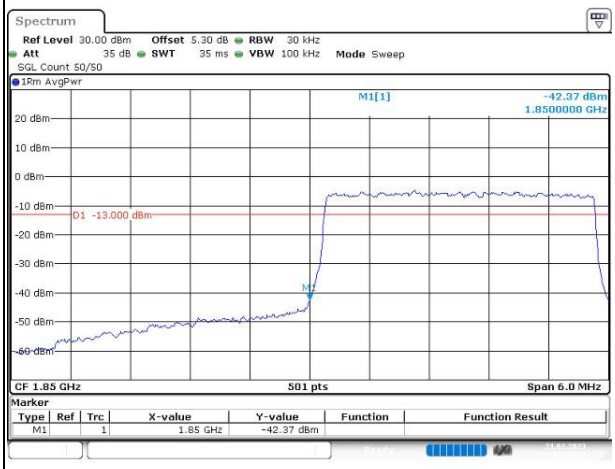
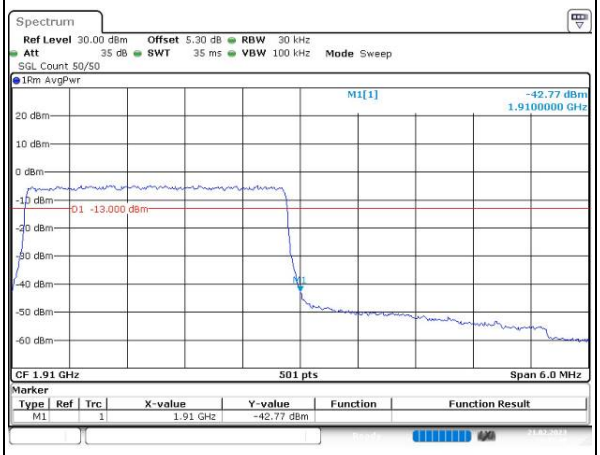
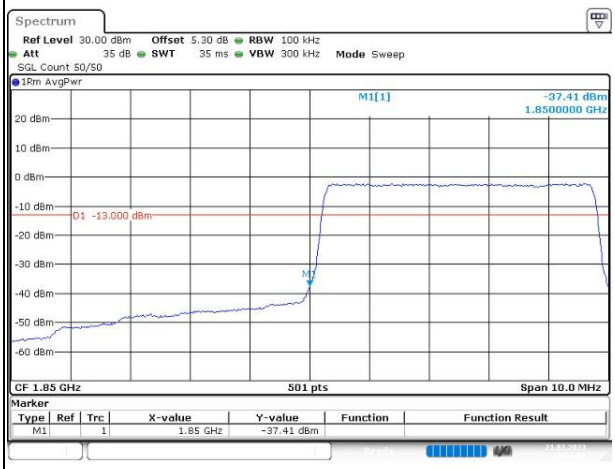
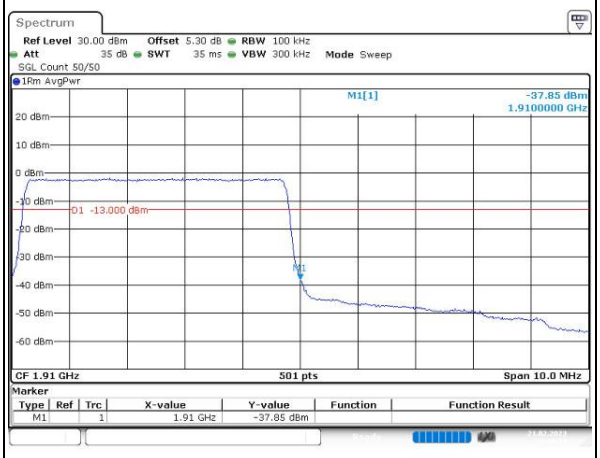
Spurious Emissions at Antenna Terminal		
Channel	**3MHz Bandwidth QPSK**	
Lowest		
Middle		
Highest		

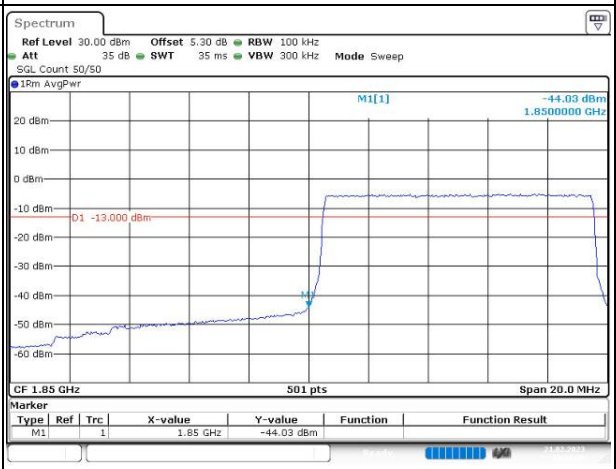
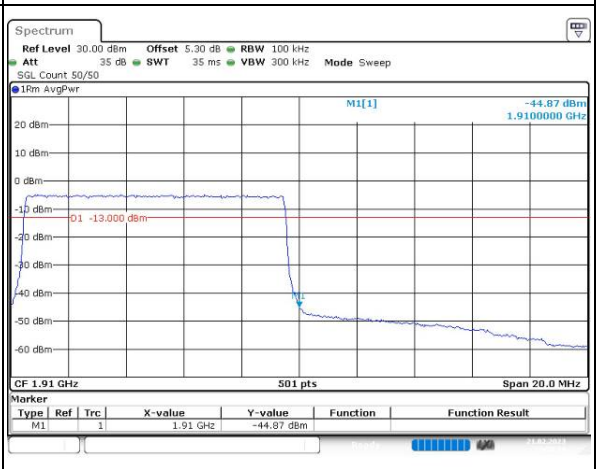
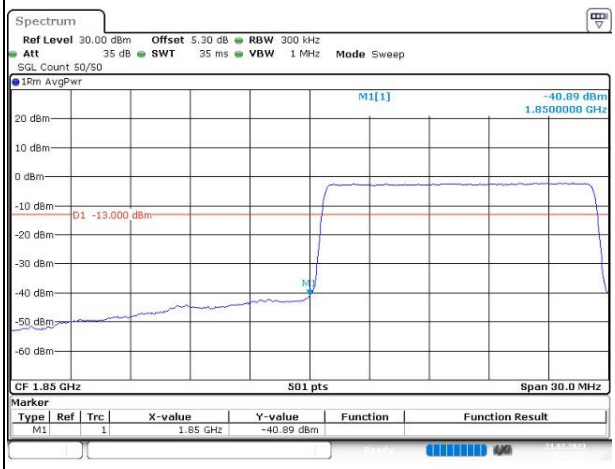
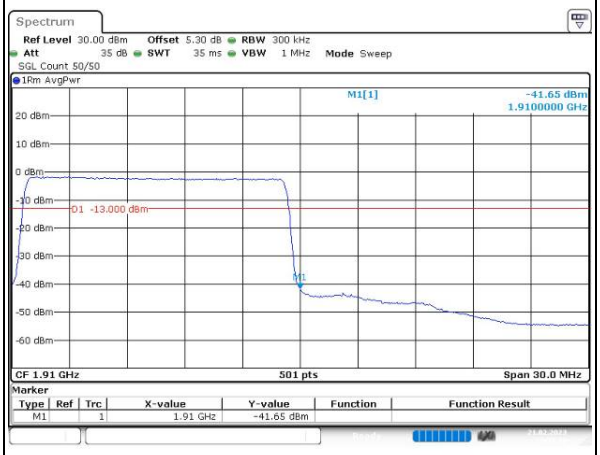
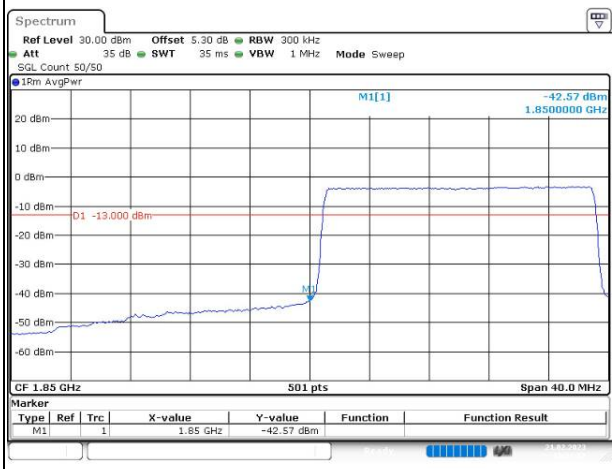
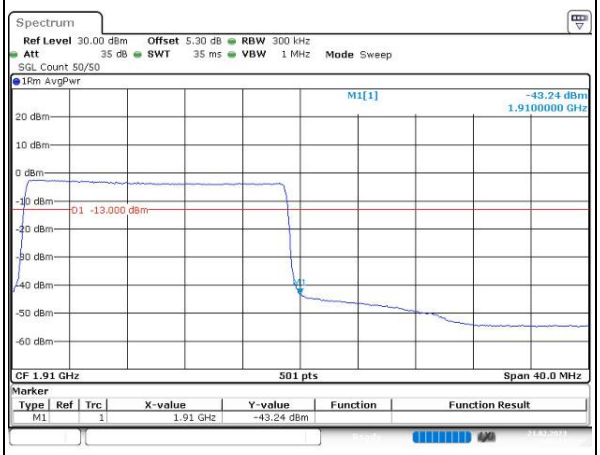
Spurious Emissions at Antenna Terminal		
Channel	**5MHz Bandwidth QPSK**	
Lowest		
Middle		
Highest		

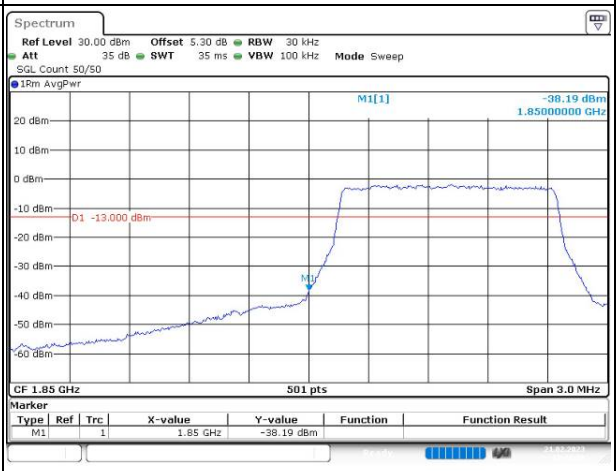
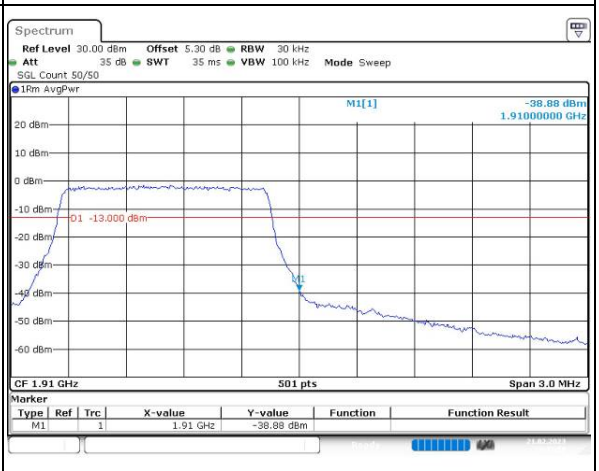
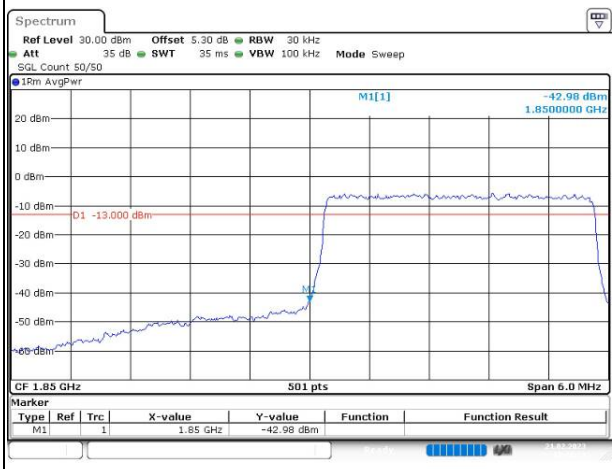
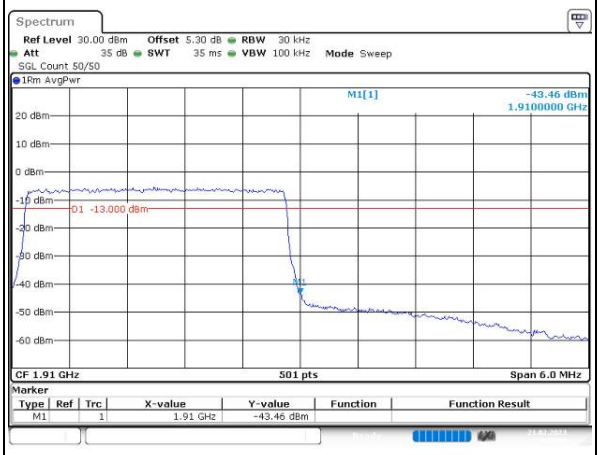
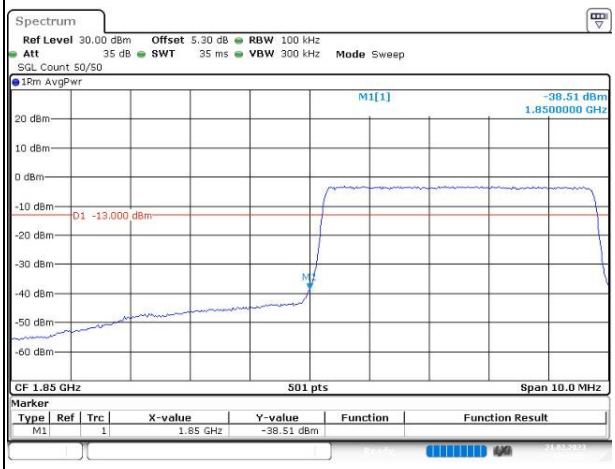
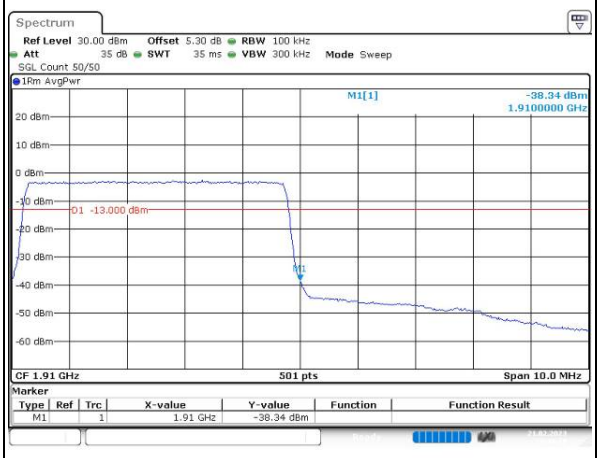
Spurious Emissions at Antenna Terminal		
Channel	**10MHz Bandwidth QPSK**	
Lowest		
Middle		
Highest		

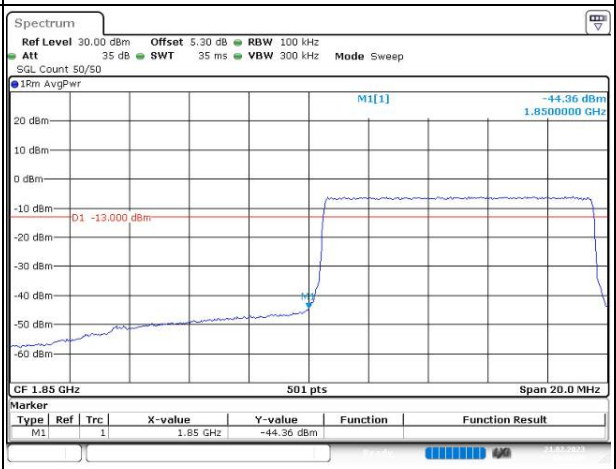
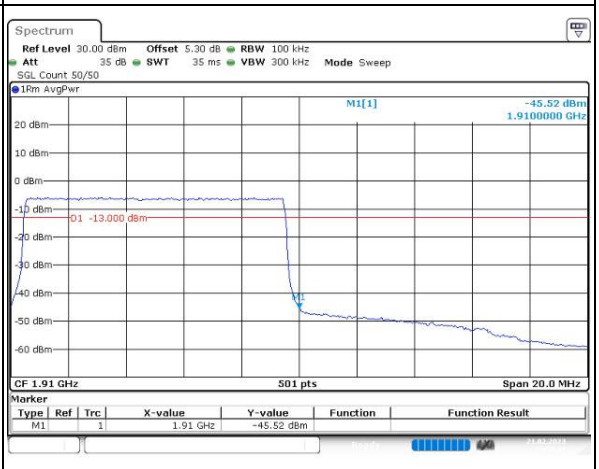
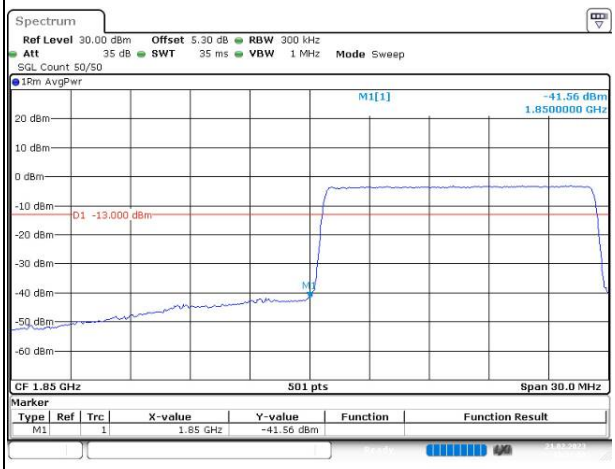
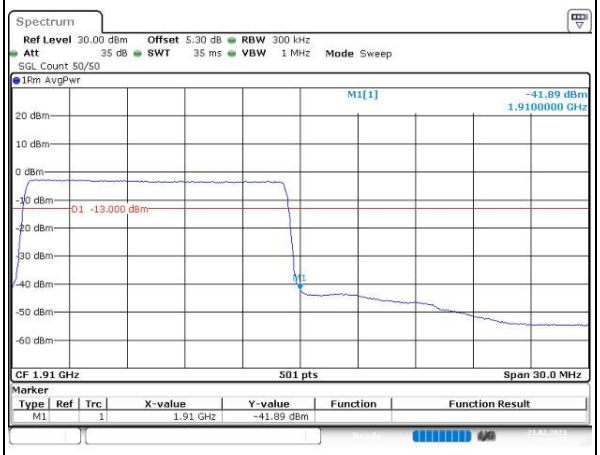
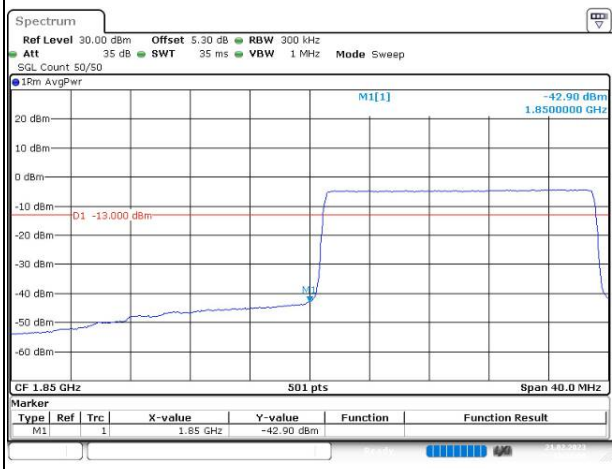
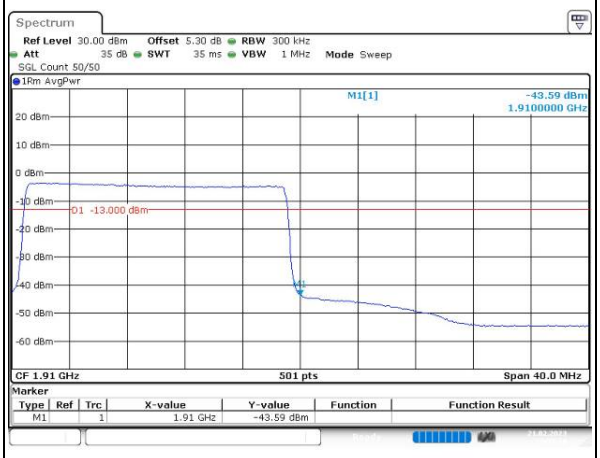
Spurious Emissions at Antenna Terminal		
Channel	**15MHz Bandwidth QPSK**	
Lowest		
Middle		
Highest		

Spurious Emissions at Antenna Terminal		
Channel	**20MHz Bandwidth QPSK**	
Lowest		
Middle		
Highest		

Out of band emission, Band Edge		
Mode	**Lowest**	**Highest**
QPSK 1.4MHz		
QPSK 3MHz		
QPSK 5MHz		

Out of band emission, Band Edge		
Mode	**Lowest**	**Highest**
QPSK 10MHz		
QPSK 15MHz		
QPSK 20MHz		

Out of band emission, Band Edge		
Mode	**Lowest**	**Highest**
16QAM 1.4MHz		
16QAM 3MHz		
16QAM 5MHz		

Out of band emission, Band Edge		
Mode	**Lowest**	**Highest**
16QAM 10MHz		
16QAM 15MHz		
16QAM 20MHz		

4.7 Antenna Port Test Data and Results for LTE Band 4

Serial Number:	1WPX	Test Date:	2023/02/21~2023/02/23
Test Site:	RF	Test Mode:	Transmitting
Tester:	George	Test Result:	**Pass**

Environmental Conditions:					
Temperature: (℃)	22.8~24.6	Relative Humidity: (%)	37~49	ATM Pressure: (kPa)	100.8~101.6

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	211001	Each time	N/A
YINSAIGE	Coaxial Cable	SS402	SJ0100001	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554403	Each time	N/A
Weinschel	Power Splitter	1515	RA914	Each time	N/A
R&S	Wideband Radio Communication Tester	CMW500	149218	2022/04/06	2023/04/05
BACL	TEMP&HUMI Test Chamber	BTH-150-40	30174	2022/09/29	2023/09/28
UNI-T	Multimeter	UT39A+	C210582554	2022/7/15	2023/7/14
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)
1.4MHz	1710.7	1732.5	1754.3
3MHz	1711.5	1732.5	1753.5
5MHz	1712.5	1732.5	1752.5
10MHz	1715	1732.5	1750
15MHz	1717.5	1732.5	1747.5
20MHz	1720	1732.5	1745

Test Data:

FCC§2.1046;§ 27.50(d)(4)

RF Output Power:

Test Bandwidth & Modulation	Resource Block & RB offset	Conducted Average Output Power(dBm)			Maximum EIRP (dBm)	EIRP Limit (dBm)
		Lowest Channel	Middle Channel	Highest Channel		
1.4MHz QPSK	RB1#0	19.21	17.92	17.6	17.41	30
	RB1#3	18.41	18.09	17.77		
	RB1#5	18.19	17.97	17.62		
	RB3#0	18.3	18.01	17.77		
	RB3#3	18.29	18.02	17.79		
	RB6#0	17.24	16.95	16.64		
1.4MHz 16QAM	RB1#0	17.24	17.06	16.65	15.74	30
	RB1#3	17.34	17.31	16.87		
	RB1#5	17.21	17.06	16.66		
	RB3#0	17.49	17.01	16.87		
	RB3#3	17.54	17.04	16.86		
	RB6#0	16.34	16.12	15.67		
3MHz QPSK	RB1#0	18.27	18	17.86	16.47	30
	RB1#8	18.24	17.9	17.88		
	RB1#14	18.18	17.92	17.85		
	RB6#0	17.14	16.96	16.82		
	RB6#9	17.18	16.85	16.82		
	RB15#0	17.29	17.02	16.87		
3MHz 16QAM	RB1#0	17.31	17.69	17.01	15.89	30
	RB1#8	17.31	17.57	17.04		
	RB1#14	17.26	17.61	17.05		
	RB6#0	16.23	16.07	15.9		
	RB6#9	16.23	16.02	15.97		
	RB15#0	16.43	16.12	15.9		
5MHz QPSK	RB1#0	18.17	17.9	17.84	16.53	30
	RB1#13	18.33	18.05	17.99		
	RB1#24	18.19	17.91	17.87		
	RB15#0	17.26	17.11	16.89		
	RB15#10	17.32	16.91	16.97		
	RB25#0	17.32	17.03	16.95		
5MHz 16QAM	RB1#0	17.29	16.86	17.12	15.61	30
	RB1#13	17.41	17	17.26		
	RB1#24	17.28	16.77	17.16		
	RB15#0	16.37	16.23	15.96		
	RB15#10	16.44	16.05	16.02		
	RB25#0	16.35	16.17	16.02		
10MHz QPSK	RB1#0	18.2	18.06	17.8	16.54	30
	RB1#25	18.34	18.11	18		

	RB1#49	18.15	18	17.86		
	RB25#0	17.14	17.12	16.85		
	RB25#25	17.33	16.91	16.96		
	RB50#0	17.25	17.07	16.88		
10MHz 16QAM	RB1#0	17.88	17.21	16.88	16.2	30
	RB1#25	18	17.37	17.02		
	RB1#49	17.82	17.13	16.94		
	RB25#0	16.3	16.23	16.05		
	RB25#25	16.47	16	16.15		
	RB50#0	16.36	16.11	16.04		
15MHz QPSK	RB1#0	18.14	17.97	17.75	16.44	30
	RB1#38	18.24	17.98	17.91		
	RB1#74	18.05	17.86	17.79		
	RB36#0	17.16	17.14	16.9		
	RB36#39	17.21	16.89	16.96		
	RB75#0	17.16	16.99	16.91		
15MHz 16QAM	RB1#0	17.28	17.41	17.49	15.8	30
	RB1#38	17.39	17.45	17.6		
	RB1#74	17.19	17.33	17.48		
	RB36#0	16.24	16.14	15.96		
	RB36#39	16.32	15.93	16.02		
	RB75#0	16.28	16.07	15.99		
20MHz QPSK	RB1#0	17.99	17.86	17.62	16.54	30
	RB1#50	18.34	18.2	18.02		
	RB1#99	17.9	17.75	17.64		
	RB50#0	17.09	17.18	16.99		
	RB50#50	17.16	16.85	17.06		
	RB100#0	17.17	17.07	17.05		
20MHz 16QAM	RB1#0	17.28	17.13	17.29	15.9	30
	RB1#50	17.67	17.43	17.7		
	RB1#99	17.21	16.98	17.3		
	RB50#0	16.1	16.31	16.13		
	RB50#50	16.26	15.92	16.14		
	RB100#0	16.27	16.13	16.19		
Note: EIRP=Conducted Power(dBm) - L_C(dB) + G_T(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	6.14	6.35	5.86	13
	RB100#0	4.52	4.67	4.72	13
20MHz 16QAM	RB1#0	6.78	7.36	6.23	13
	RB100#0	6.17	6.2	6.2	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	1.114	1.096	1.326	1.356	1.296
1.4MHz 16QAM	1.096	1.12	1.108	1.29	1.638	1.32
3MHz QPSK	2.695	2.695	2.695	2.892	2.892	2.88
3MHz 16QAM	2.683	2.695	2.695	2.88	3.696	4.164
5MHz QPSK	4.511	4.511	4.491	4.94	4.96	4.94
5MHz 16QAM	4.491	4.511	4.511	4.92	4.94	4.98
10MHz QPSK	8.982	8.942	8.942	9.68	9.56	9.68
10MHz 16QAM	8.902	8.942	8.942	9.56	9.6	9.6
15MHz QPSK	13.413	13.473	13.473	15.06	14.76	14.82
15MHz 16QAM	13.473	13.473	13.473	14.64	14.7	14.7
20MHz QPSK	17.964	17.964	17.964	19.52	19.2	19.36
20MHz 16QAM	17.884	17.964	17.964	19.28	19.28	19.44
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 (℃)	Voltage (V_{DC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
Frequency Stability vs. Temperature	-30	3.85	1710.355	1710.00	1754.699	1755
	-20	3.85	1710.306	1710.00	1754.686	1755
	-10	3.85	1710.320	1710.00	1754.655	1755
	0	3.85	1710.375	1710.00	1754.662	1755
	10	3.85	1710.388	1710.00	1754.693	1755
	20	3.85	1710.358	1710.00	1754.622	1755
	30	3.85	1710.351	1710.00	1754.610	1755
	40	3.85	1710.390	1710.00	1754.653	1755
	50	3.85	1710.392	1710.00	1754.611	1755
Frequency Stability vs. Voltage	20	3.45	1710.393	1710.00	1754.676	1755
	20	4.4	1710.323	1710.00	1754.656	1755
					Result:	**Pass**

Test Mode:	20M 16QAM	Test Channel: Lowest for Lower Edge,Highest for Upper Edge				
Test Item	Temperature (℃)	Voltage (V_{DC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
Frequency Stability vs. Temperature	-30	3.85	1710.348	1710.00	1754.667	1755
	-20	3.85	1710.378	1710.00	1754.607	1755
	-10	3.85	1710.363	1710.00	1754.609	1755
	0	3.85	1710.320	1710.00	1754.617	1755
	10	3.85	1710.334	1710.00	1754.632	1755
	20	3.85	1710.338	1710.00	1754.622	1755
	30	3.85	1710.331	1710.00	1754.632	1755
	40	3.85	1710.310	1710.00	1754.640	1755
	50	3.85	1710.345	1710.00	1754.638	1755
Frequency Stability vs. Voltage	20	3.45	1710.303	1710.00	1754.640	1755
	20	4.4	1710.357	1710.00	1754.637	1755
					Result:	**Pass**