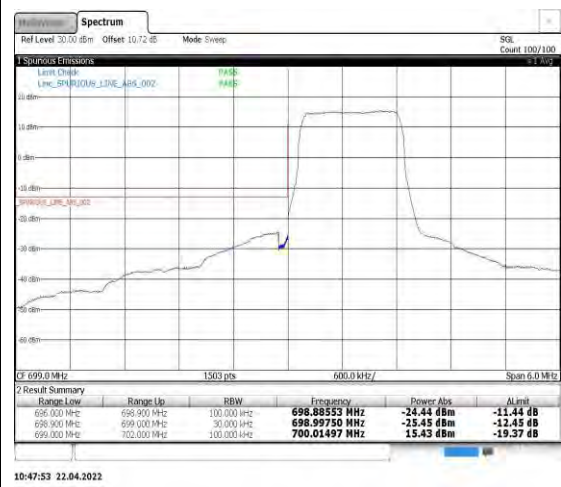
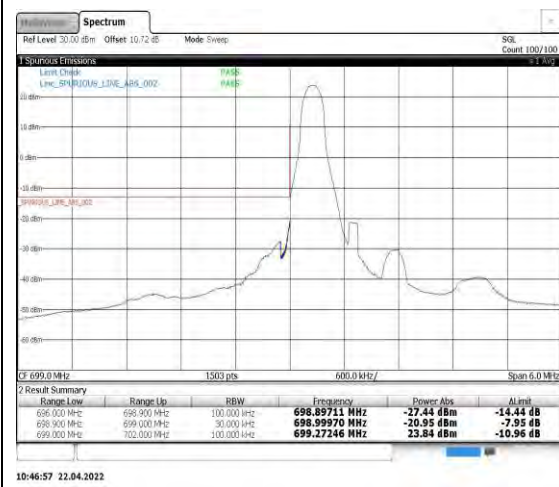
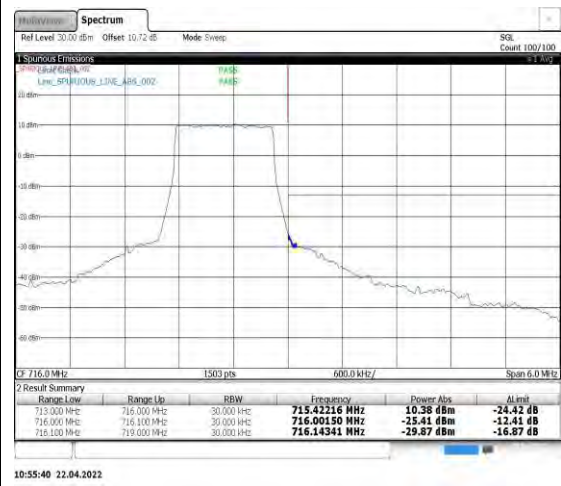
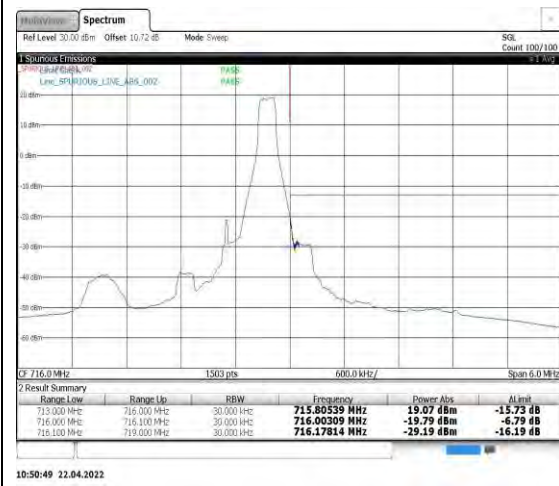


# LTE Band 12



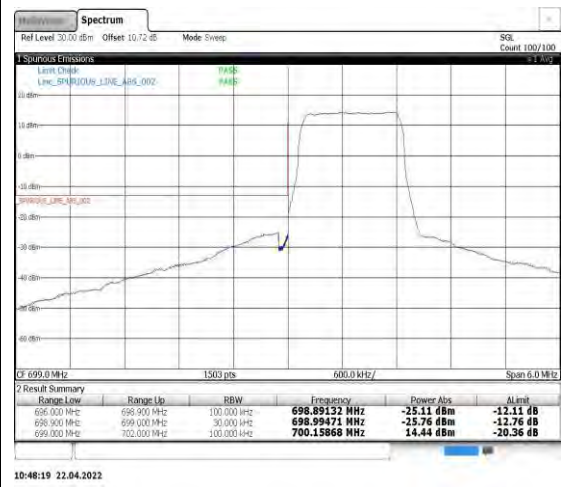
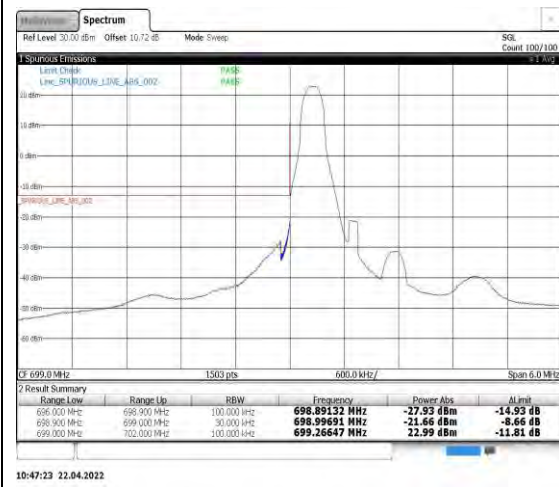
Band12-1.4MHz-QPSK-23017-1RB#0

Band12-1.4MHz-QPSK-23017-6RB#0



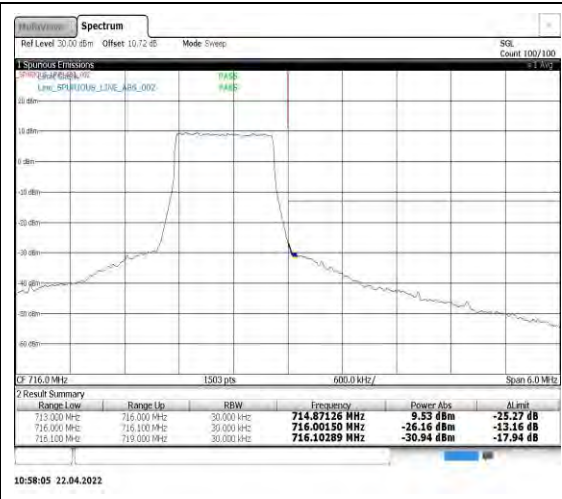
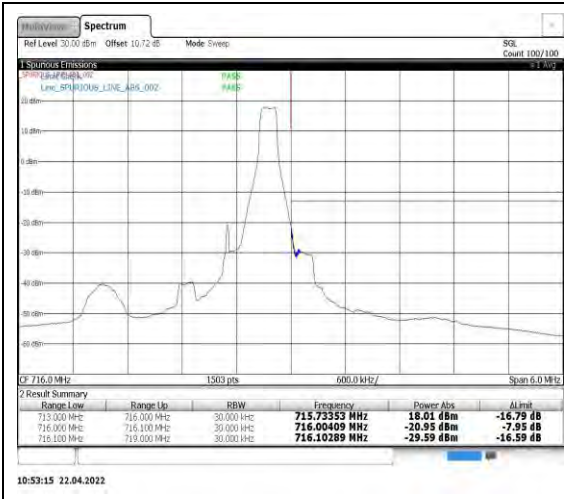
Band12-1.4MHz-QPSK-23173-1RB#5

Band12-1.4MHz-QPSK-23173-6RB#0



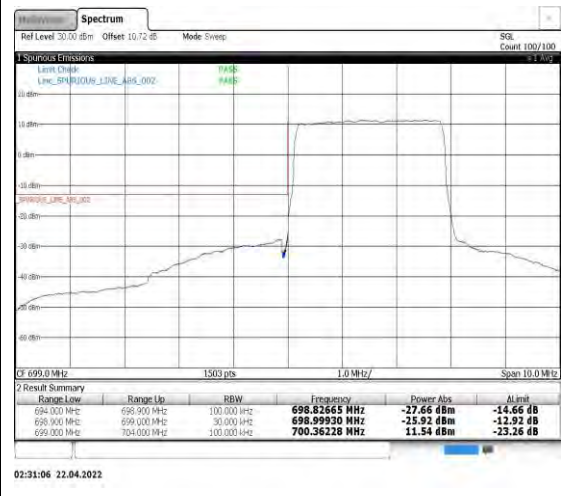
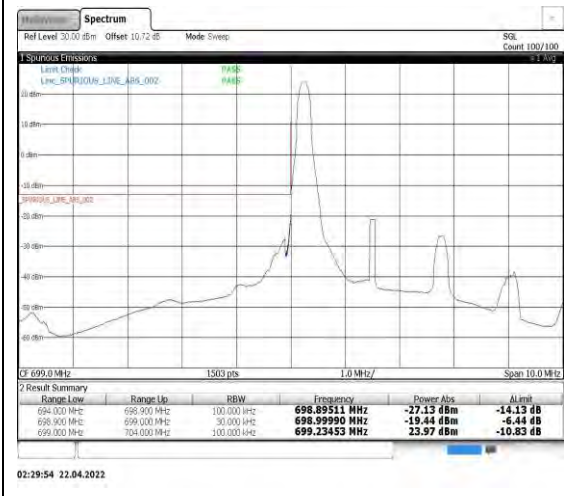
Band12-1.4MHz-16QAM-23017-1RB#0

Band12-1.4MHz-16QAM-23017-6RB#0



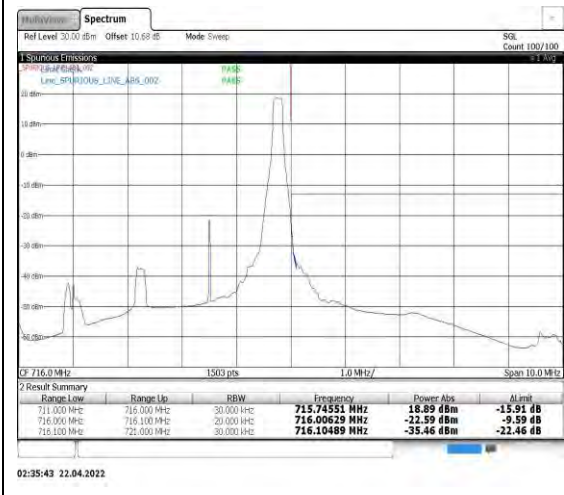
Band12-1.4MHz-16QAM-23173-1RB#5

Band12-1.4MHz-16QAM-23173-6RB#0



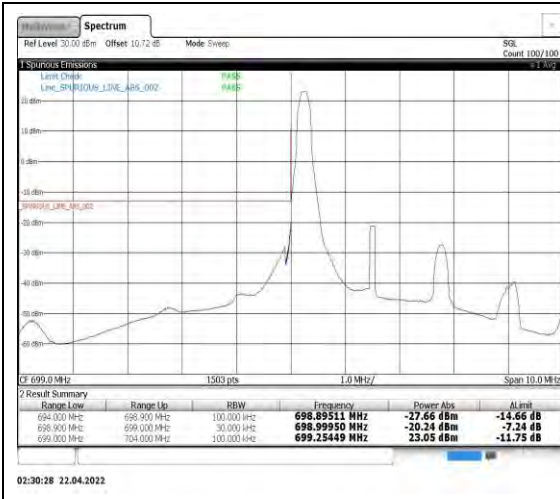
Band12-3MHz-QPSK-23025-1RB#0

Band12-3MHz-QPSK-23025-15RB#0

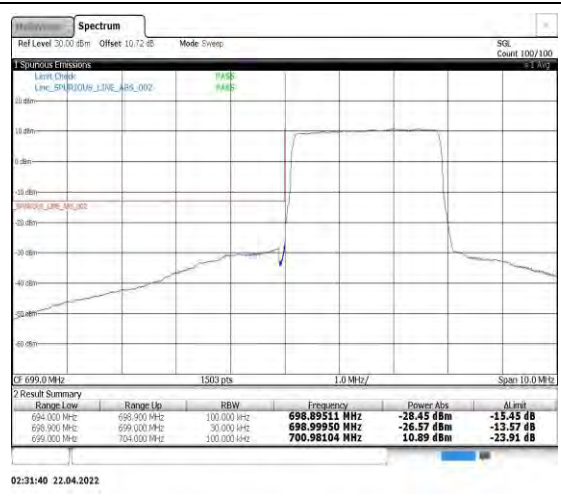


Band12-3MHz-QPSK-23165-1RB#14

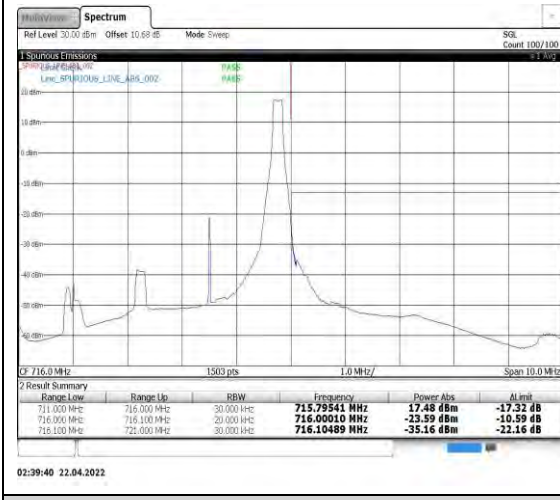
Band12-3MHz-QPSK-23165-15RB#0



Band12-3MHz-16QAM-23025-1RB#0



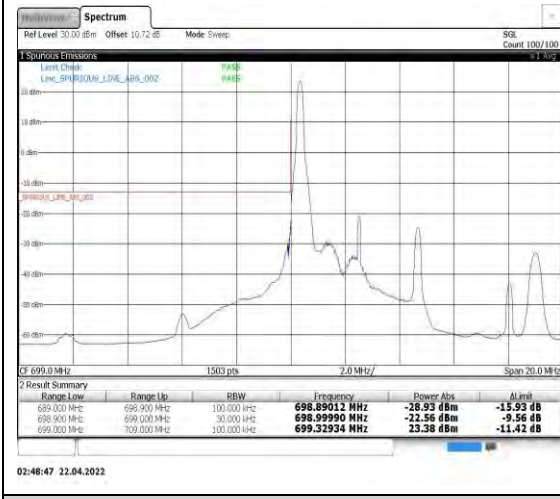
Band12-3MHz-16QAM-23025-15RB#0



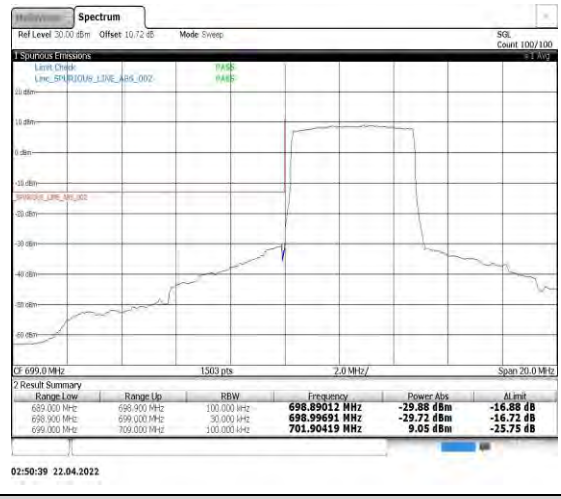
Band12-3MHz-16QAM-23165-1RB#14



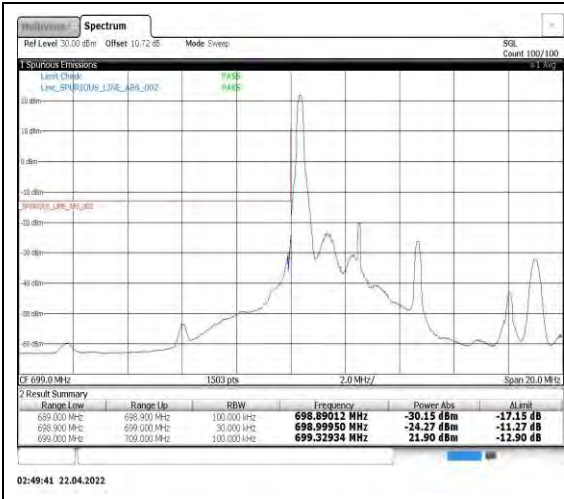
Band12-3MHz-16QAM-23165-15RB#0



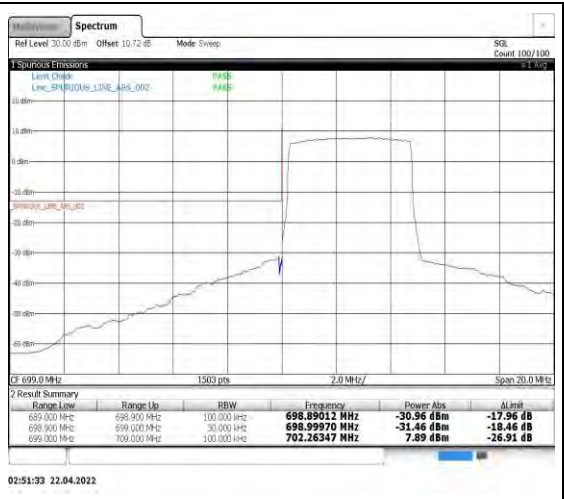
Band12-5MHz-QPSK-23035-1RB#0



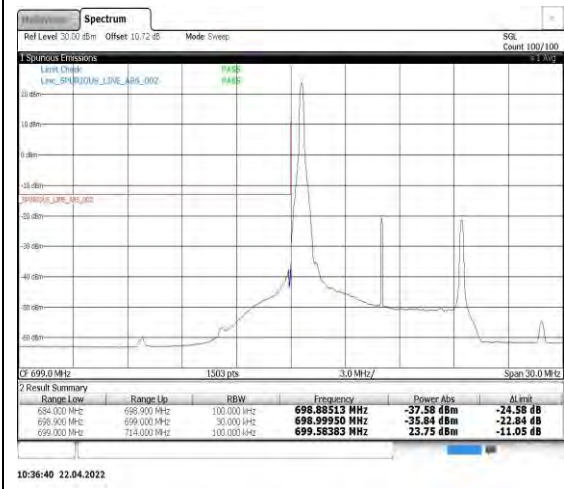
Band12-5MHz-QPSK-23035-25RB#0



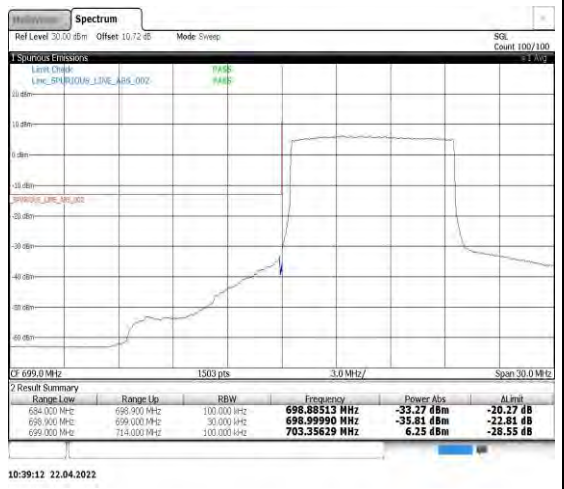
Band12-5MHz-16QAM-23035-1RB#0



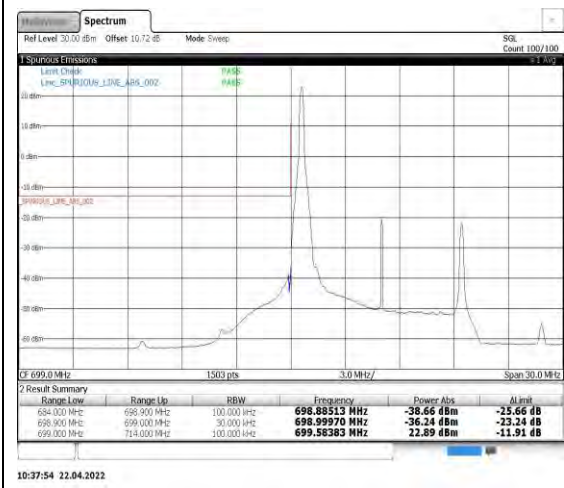
Band12-5MHz-16QAM-23035-25RB#0



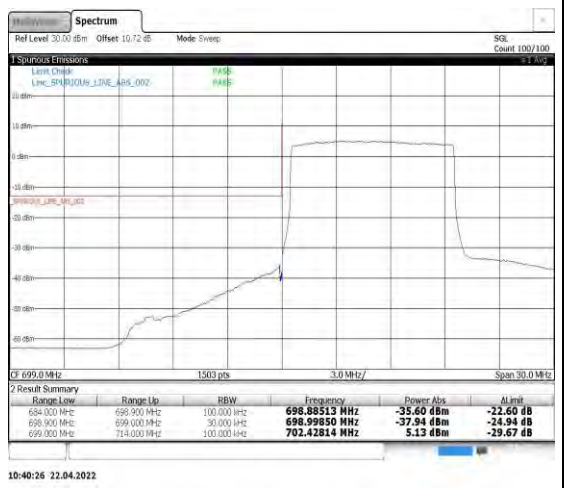
Band12-10MHz-QPSK-23060-1RB#0



Band12-10MHz-QPSK-23060-50RB#0

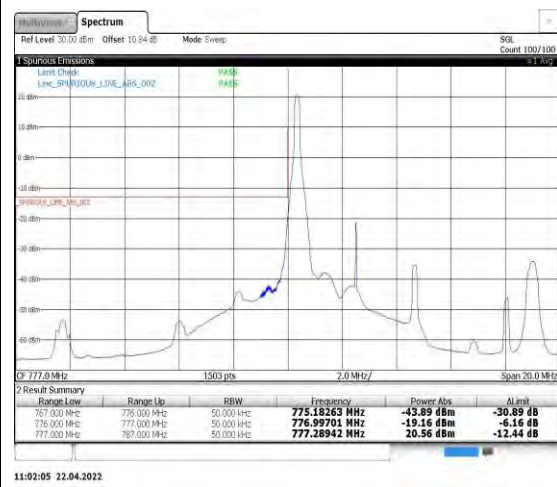


Band12-10MHz-16QAM-23060-1RB#0

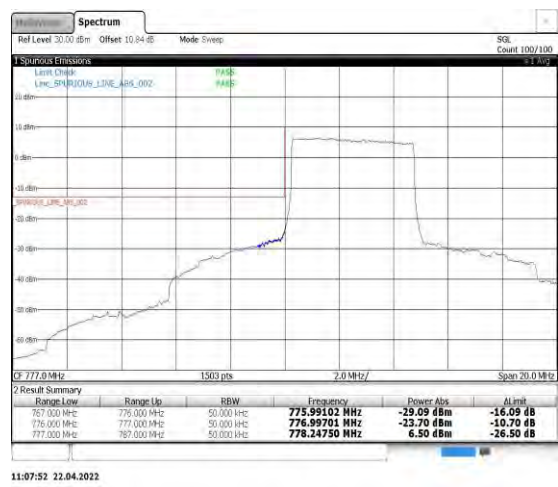


Band12-10MHz-16QAM-23060-50RB#0

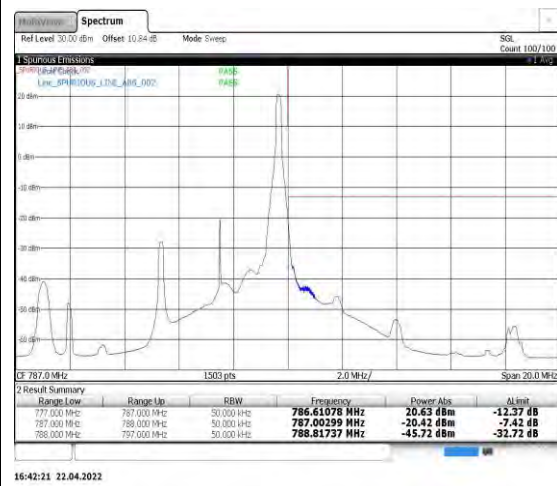
# LTE Band 13



Band13-5MHz-QPSK-23205-1RB#0



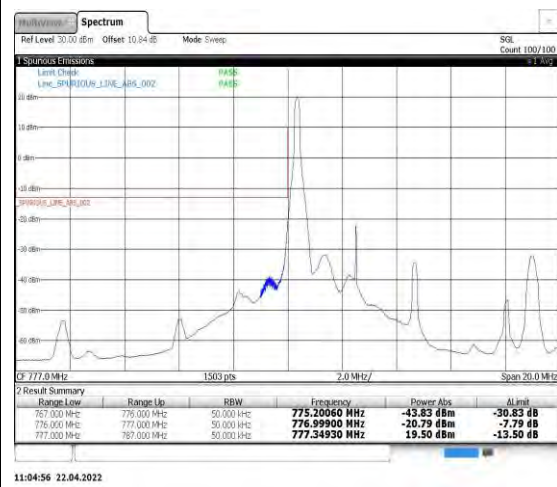
Band13-5MHz-QPSK-23205-25RB#0



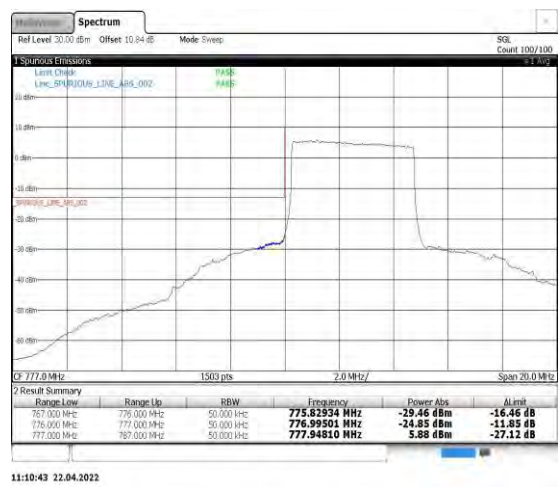
Band13-5MHz-QPSK-23255-1RB#24



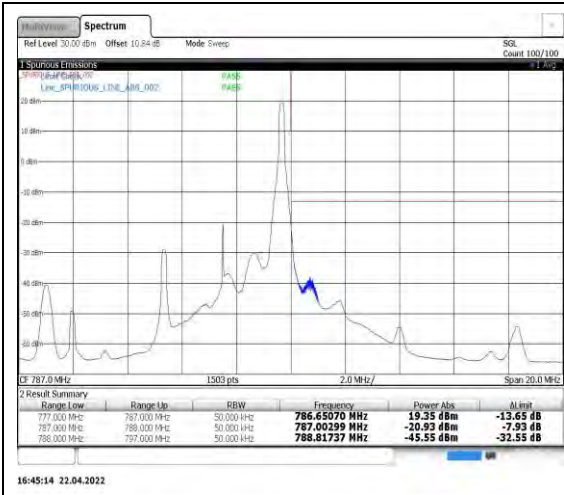
Band13-5MHz-QPSK-23255-25RB#0



Band13-5MHz-16QAM-23205-1RB#0



Band13-5MHz-16QAM-23205-25RB#0

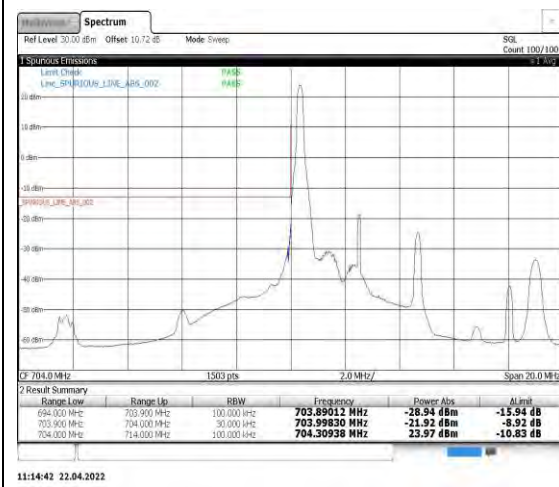


Band13-5MHz-16QAM-23255-1RB#24



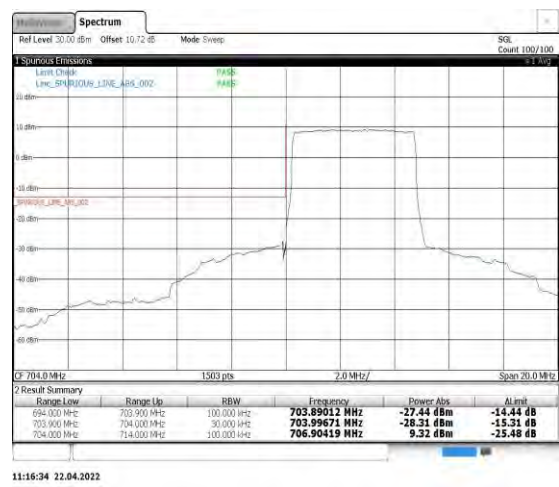
Band13-5MHz-16QAM-23255-25RB#0

# LTE Band 17



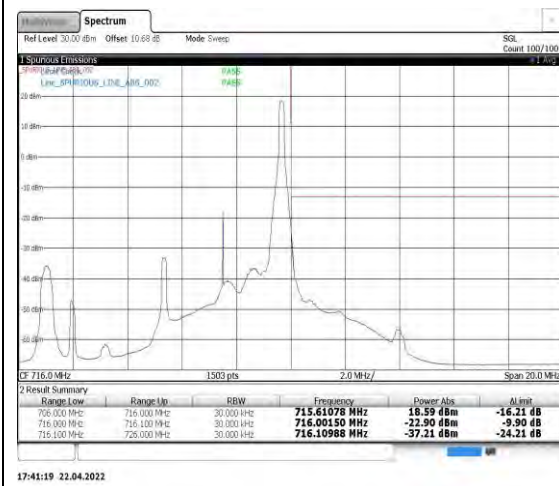
11:14:42 22.04.2022

Band17-5MHz-QPSK-23755-1RB#0



11:16:34 22.04.2022

Band17-5MHz-QPSK-23755-25RB#0



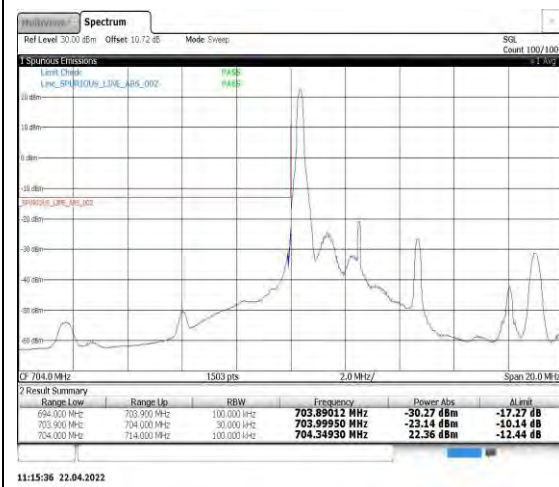
17:41:19 22.04.2022

Band17-5MHz-QPSK-23825-1RB#24



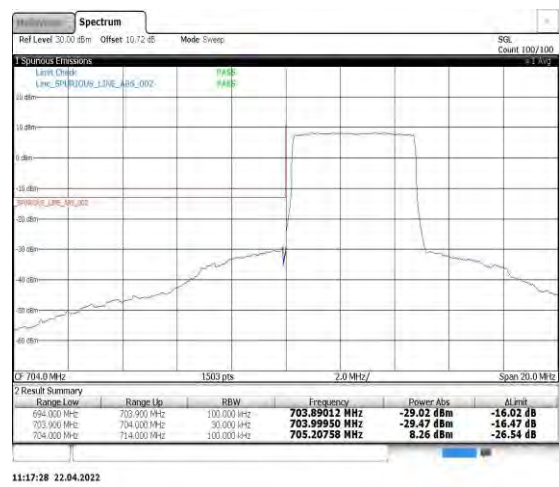
17:23:13 22.04.2022

Band17-5MHz-QPSK-23825-25RB#0



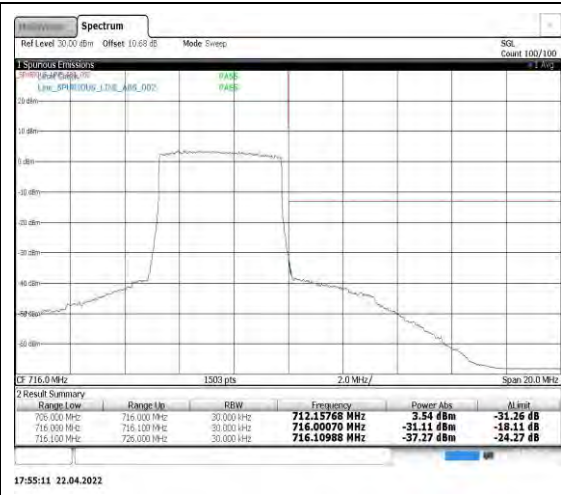
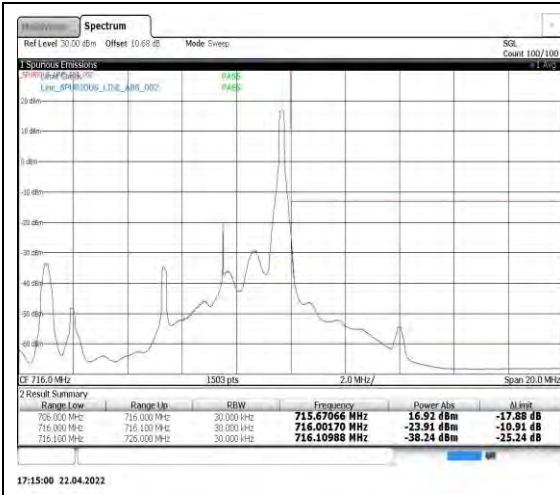
11:15:36 22.04.2022

Band17-5MHz-16QAM-23755-1RB#0



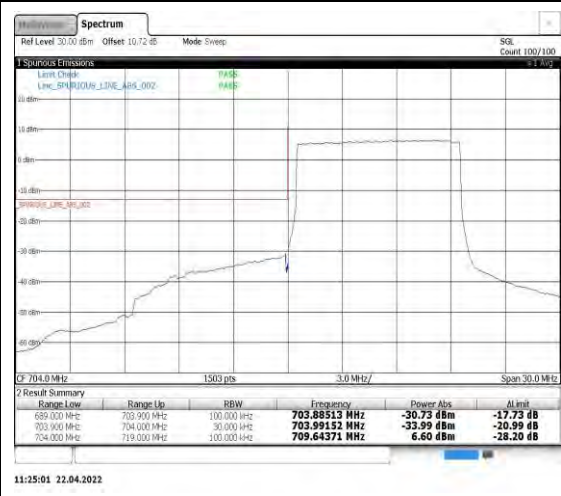
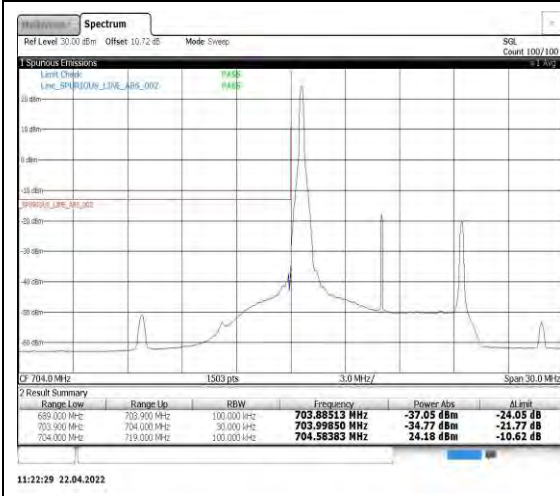
11:17:28 22.04.2022

Band17-5MHz-16QAM-23755-25RB#0



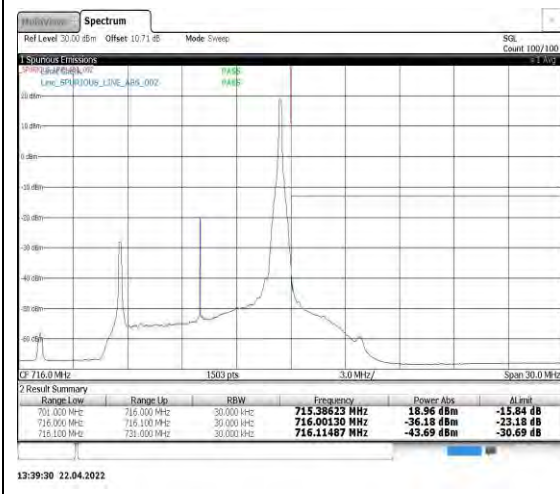
Band17-5MHz-16QAM-23825-1RB#24

Band17-5MHz-16QAM-23825-25RB#0



Band17-10MHz-QPSK-23780-1RB#0

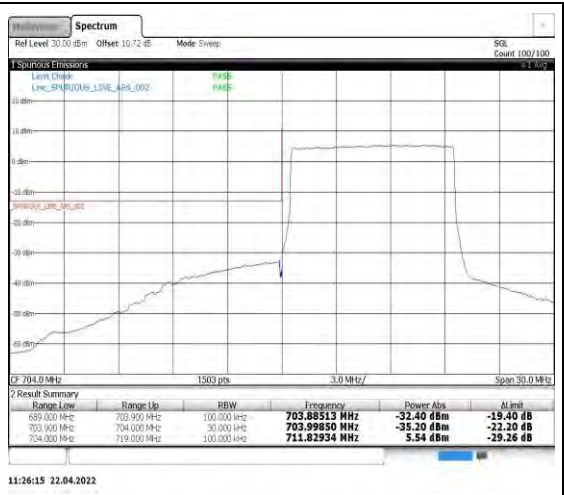
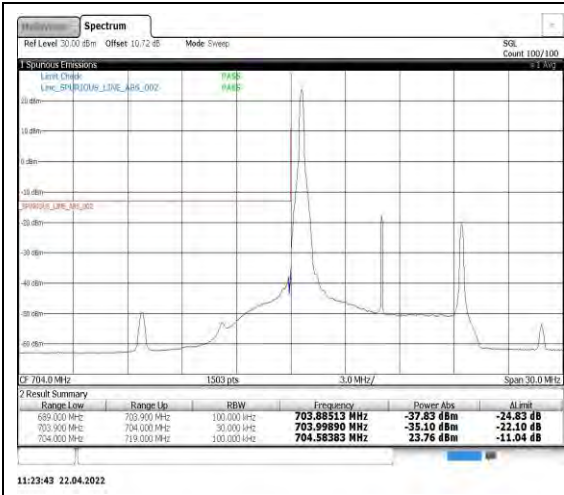
Band17-10MHz-QPSK-23780-50RB#0



Band17-10MHz-QPSK-23800-1RB#49

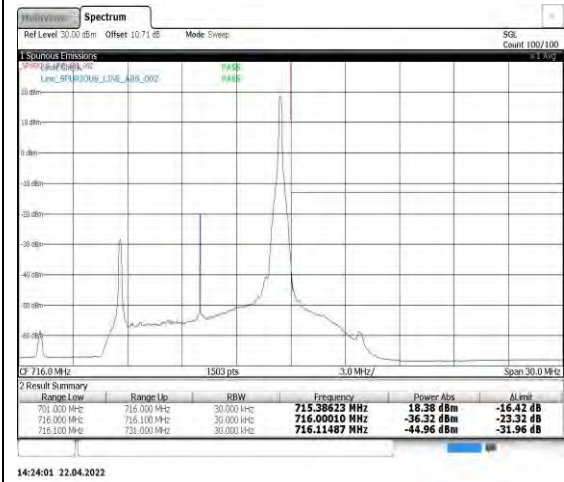
Band17-10MHz-QPSK-23800-50RB#0





Band17-10MHz-16QAM-23780-1RB#0

Band17-10MHz-16QAM-23780-50RB#0



Band17-10MHz-16QAM-23800-1RB#49

Band17-10MHz-16QAM-23800-50RB#0

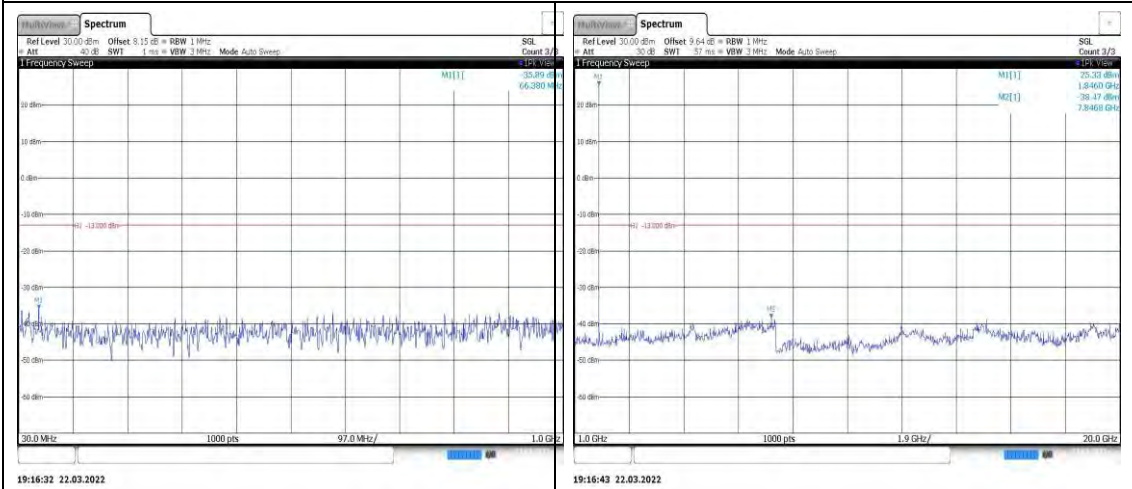
## Appendix D: Conducted Spurious Emission

### Test Result

Band	Bandwidth	Modulation	Channel RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz 3MHz 5MHz 10MHz 15MHz 20MHz	QPSK	Low channel, Middle channel, High channel (1RB#0)	Range1:30~1000MHz Range2:1000~20000MHz	See below plots	PASS
Band4	1.4MHz 3MHz 5MHz 10MHz 15MHz 20MHz	QPSK	Low channel, Middle channel, High channel (1RB#0)	Range1:30~1000MHz Range2:1000~20000MHz	See below plots	PASS
Band5	1.4MHz 3MHz 5MHz 10MHz	QPSK	Low channel, Middle channel, High channel (1RB#0)	Range1:30~1000MHz Range2:1000~2000MHz Range3:2000~20000MHz	See below plots	PASS
Band12	1.4MHz 3MHz 5MHz 10MHz	QPSK	Low channel, Middle channel, High channel (1RB#0)	Range1:30~1000MHz Range2:1000~2000MHz Range3:2000~20000MHz	See below plots	PASS
Band13	5MHz 10MHz	QPSK	Low channel, Middle channel, High channel (1RB#0)	Range1:30~1000MHz Range2:1000~2000MHz Range3:2000~20000MHz	See below plots	PASS
Band17	5MHz 10MHz	QPSK	Low channel, Middle channel, High channel (1RB#0)	Range1:30~1000MHz Range2:1000~2000MHz Range3:2000~20000MHz	See below plots	PASS

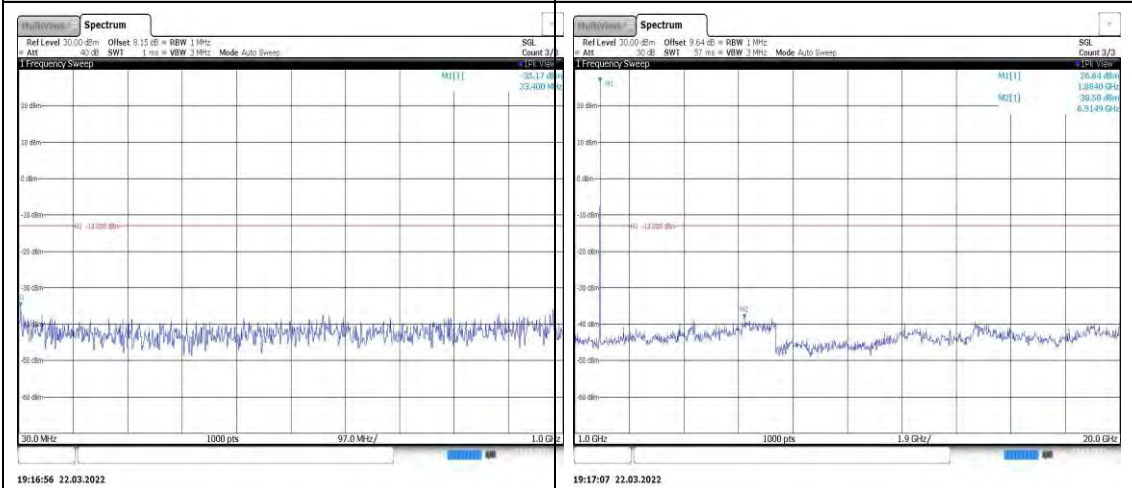
# Test Graphs

## LTE Band 2



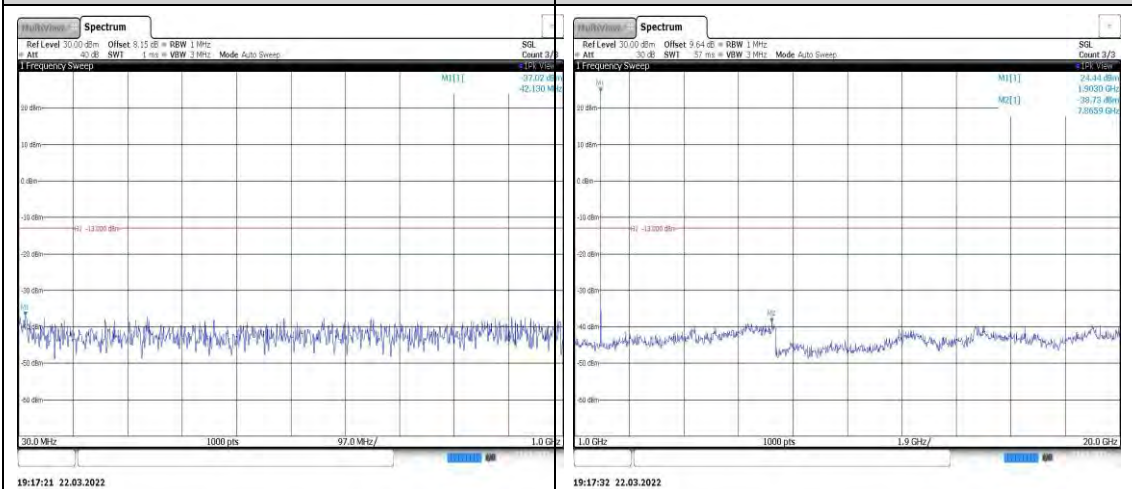
Band2-1.4MHz-QPSK-18607-1RB#0-Range  
1:30~1000MHz

Band2-1.4MHz-QPSK-18607-1RB#0-Range2:  
1000~20000MHz



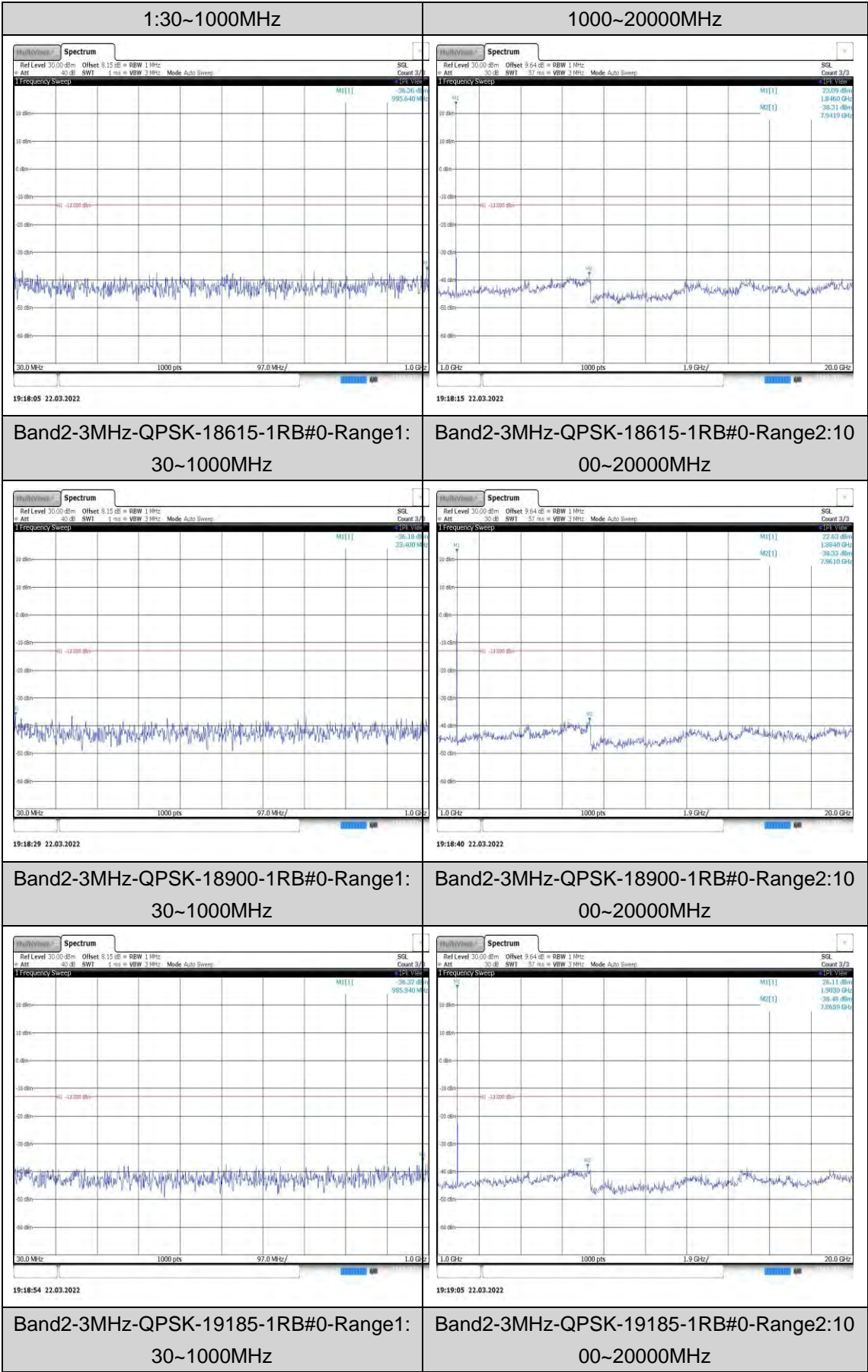
Band2-1.4MHz-QPSK-18900-1RB#0-Range  
1:30~1000MHz

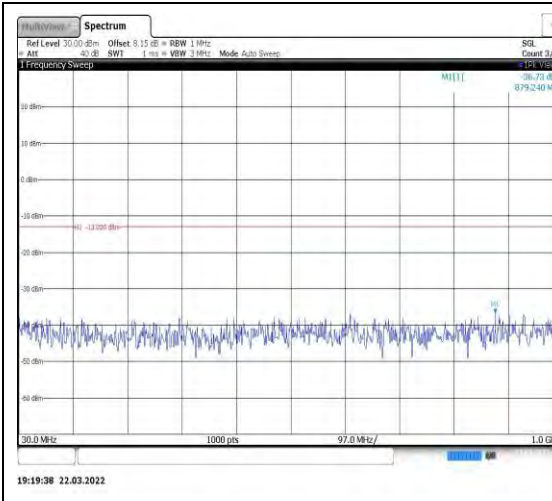
Band2-1.4MHz-QPSK-18900-1RB#0-Range2:  
1000~20000MHz



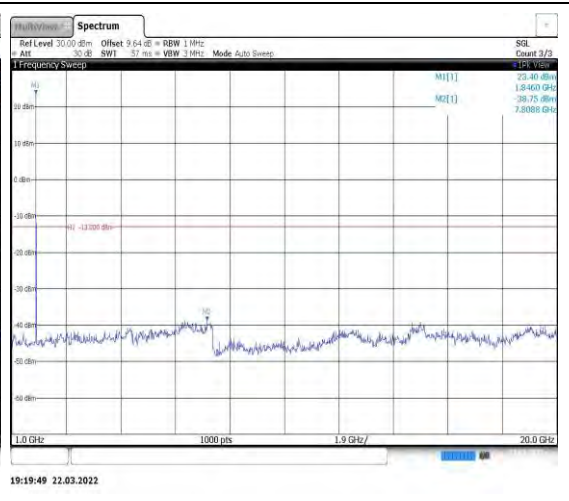
Band2-1.4MHz-QPSK-19193-1RB#0-Range

Band2-1.4MHz-QPSK-19193-1RB#0-Range2:

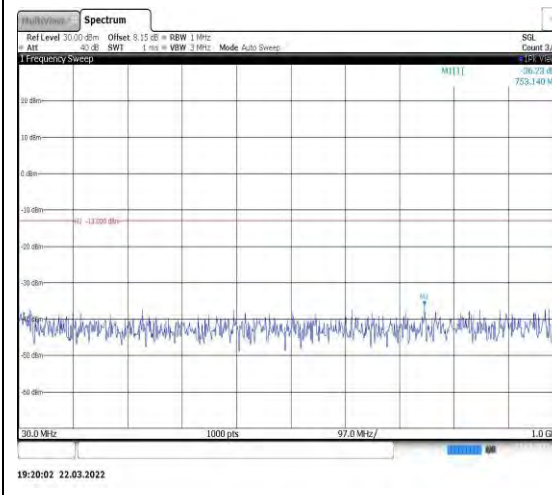




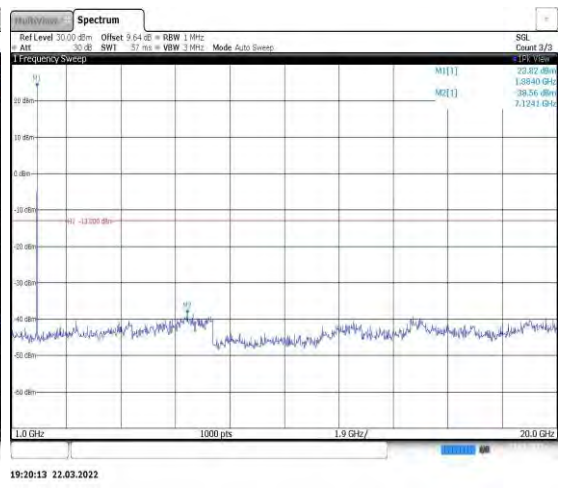
Band2-5MHz-QPSK-18625-1RB#0-Range1:  
30~1000MHz



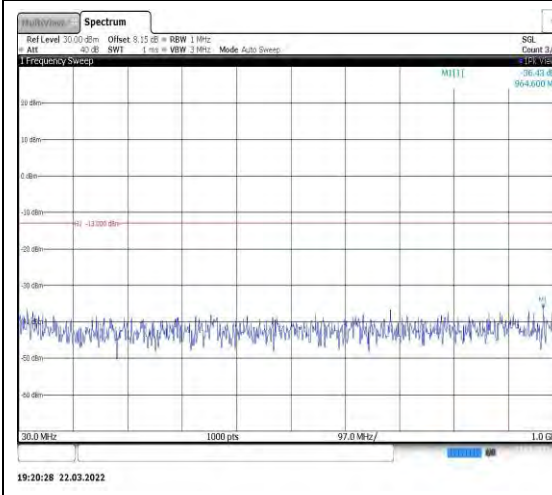
Band2-5MHz-QPSK-18625-1RB#0-Range2:10  
00~20000MHz



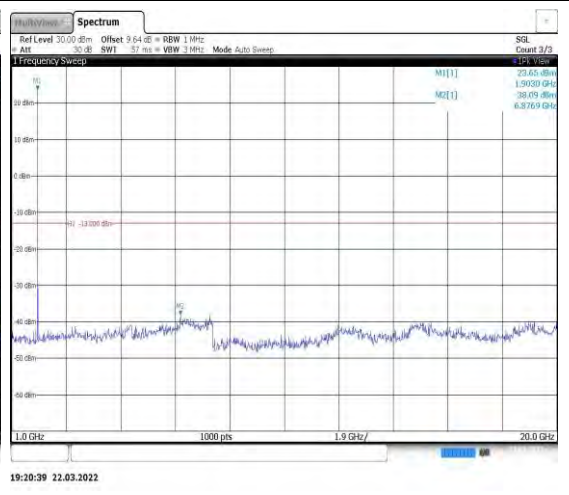
Band2-5MHz-QPSK-18900-1RB#0-Range1:  
30~1000MHz



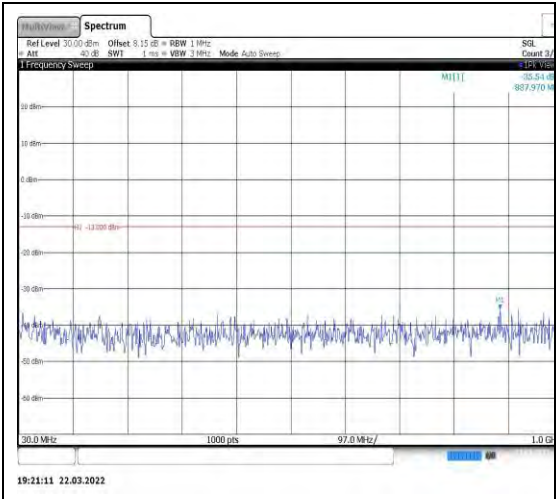
Band2-5MHz-QPSK-18900-1RB#0-Range2:10  
00~20000MHz



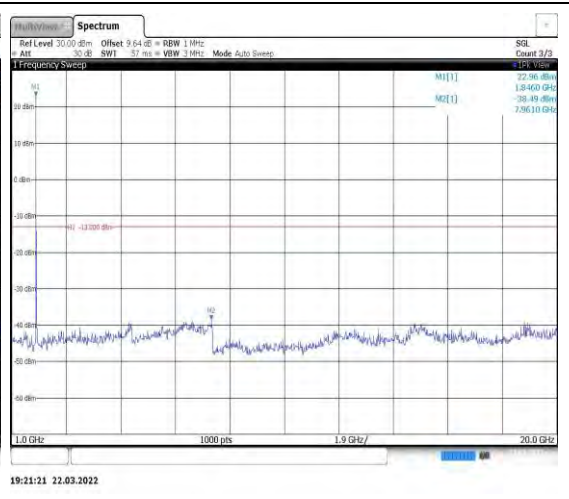
Band2-5MHz-QPSK-19175-1RB#0-Range1:  
30~1000MHz



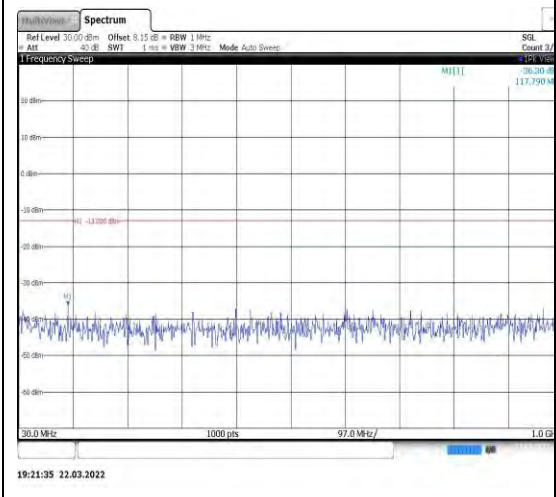
Band2-5MHz-QPSK-19175-1RB#0-Range2:10  
00~20000MHz



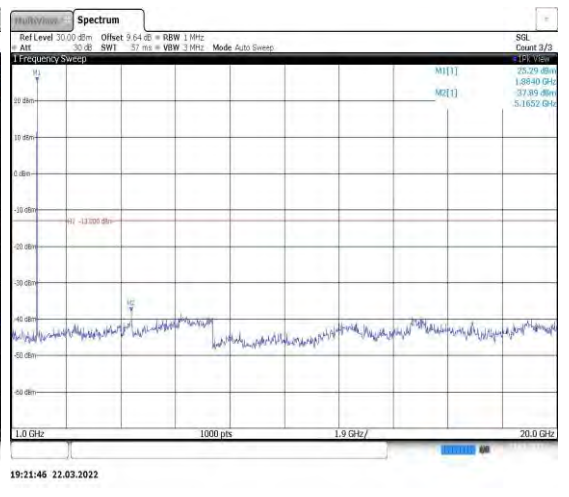
Band2-10MHz-QPSK-18650-1RB#0-Range  
1:30~1000MHz



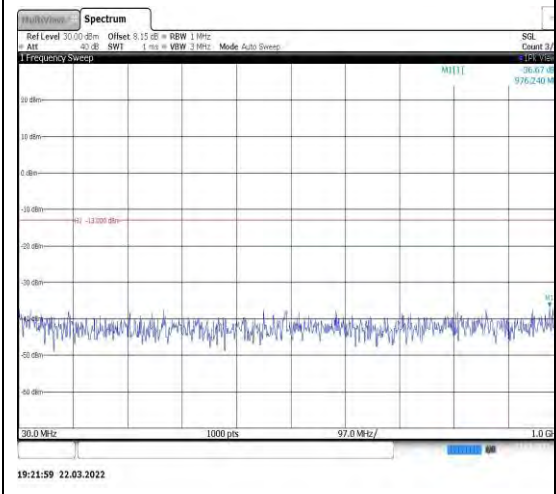
Band2-10MHz-QPSK-18650-1RB#0-Range2:1  
000~20000MHz



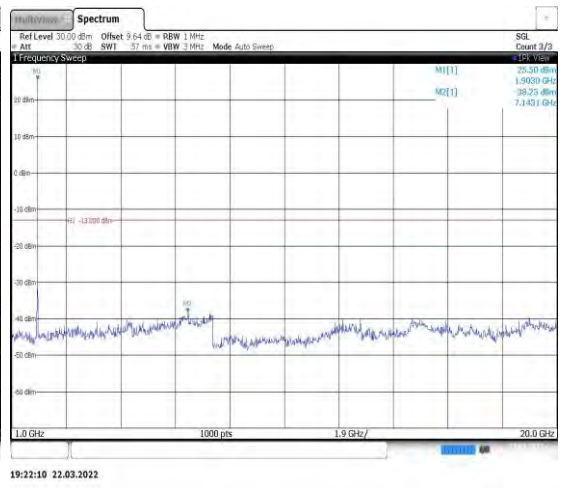
Band2-10MHz-QPSK-18900-1RB#0-Range  
1:30~1000MHz



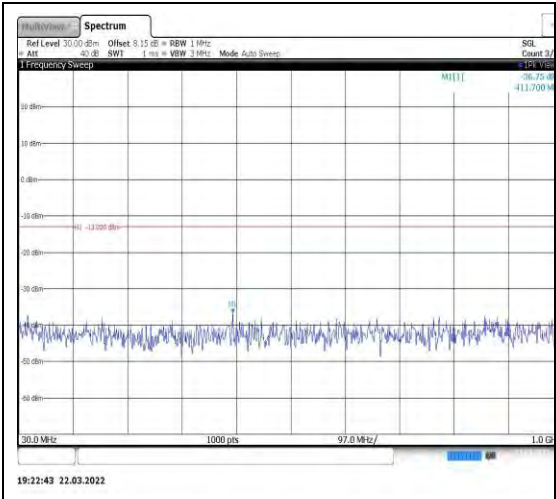
Band2-10MHz-QPSK-18900-1RB#0-Range2:1  
000~20000MHz



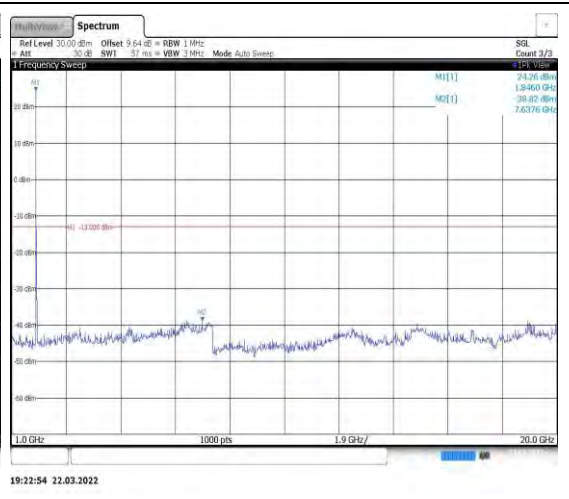
Band2-10MHz-QPSK-19150-1RB#0-Range  
1:30~1000MHz



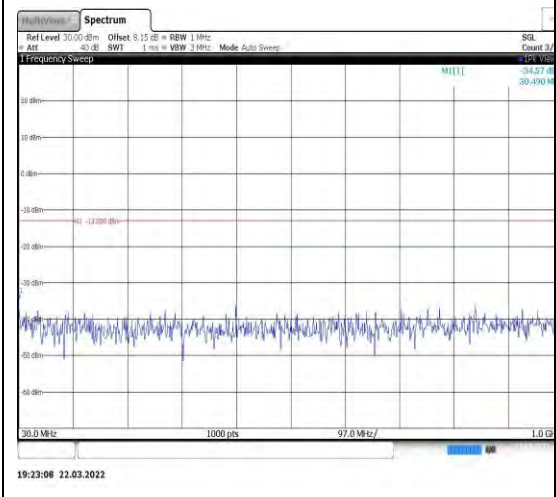
Band2-10MHz-QPSK-19150-1RB#0-Range2:1  
000~20000MHz



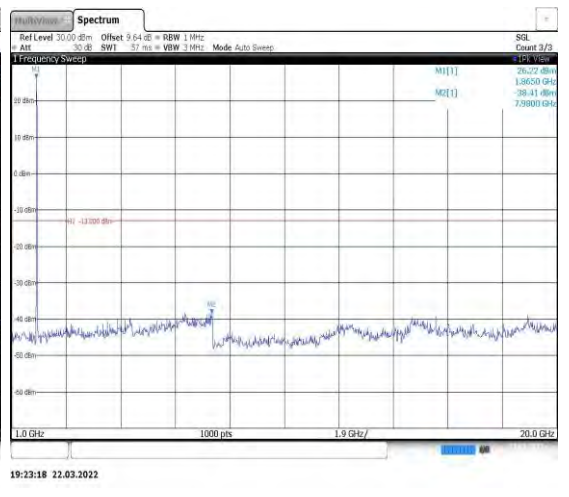
Band2-15MHz-QPSK-18675-1RB#0-Range  
1:30~1000MHz



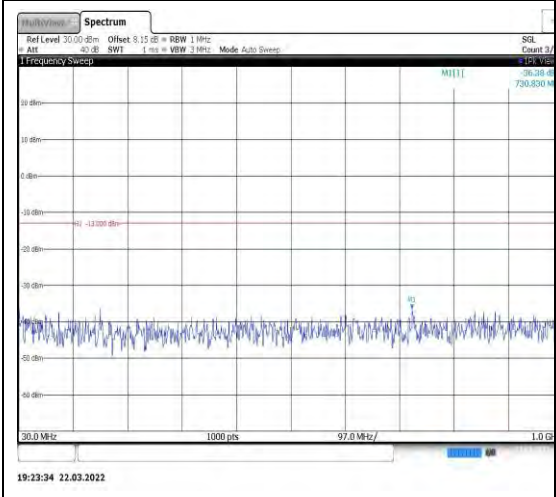
Band2-15MHz-QPSK-18675-1RB#0-Range2:1  
000~20000MHz



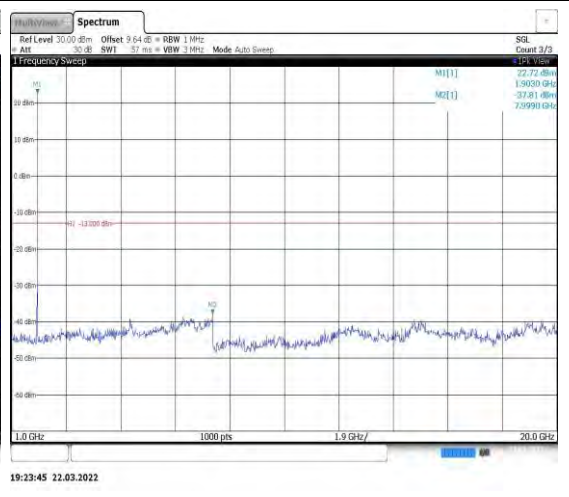
Band2-15MHz-QPSK-18900-1RB#0-Range  
1:30~1000MHz



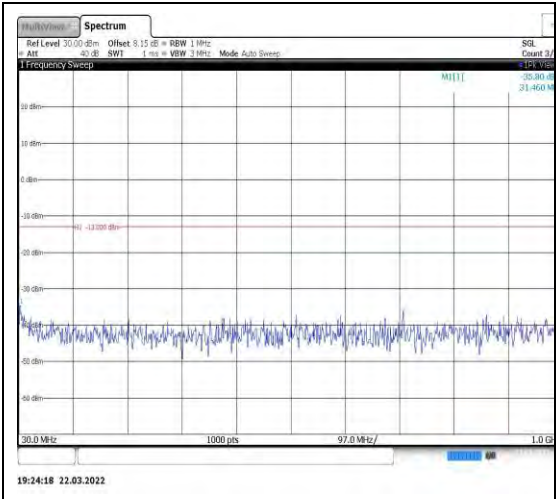
Band2-15MHz-QPSK-18900-1RB#0-Range2:1  
000~20000MHz



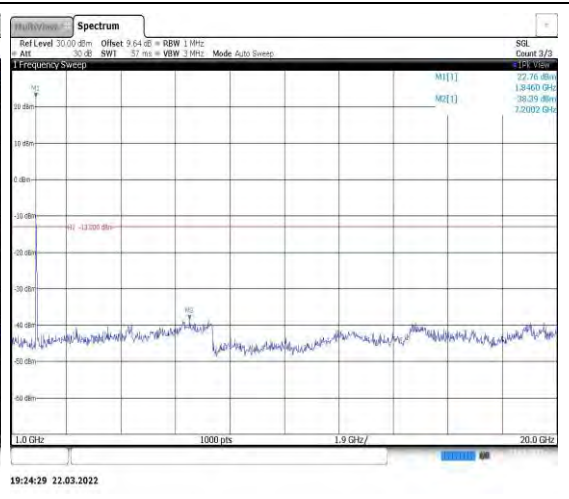
Band2-15MHz-QPSK-19125-1RB#0-Range  
1:30~1000MHz



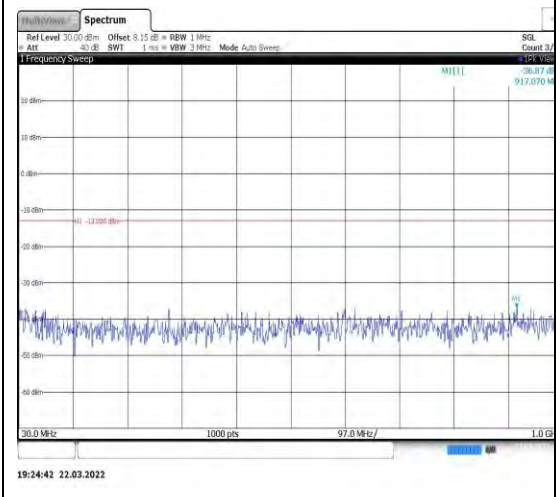
Band2-15MHz-QPSK-19125-1RB#0-Range2:1  
000~20000MHz



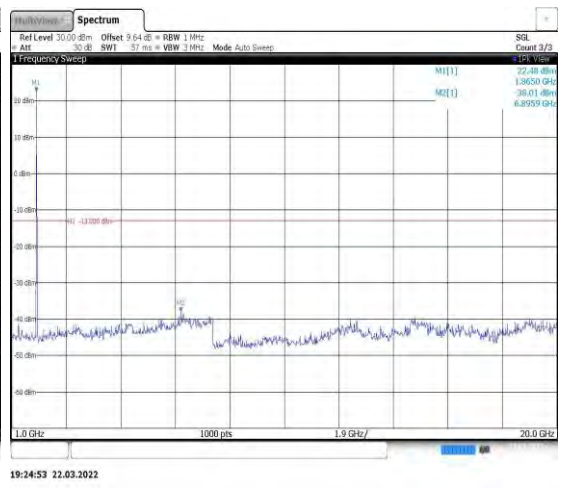
Band2-20MHz-QPSK-18700-1RB#0-Range  
1:30~1000MHz



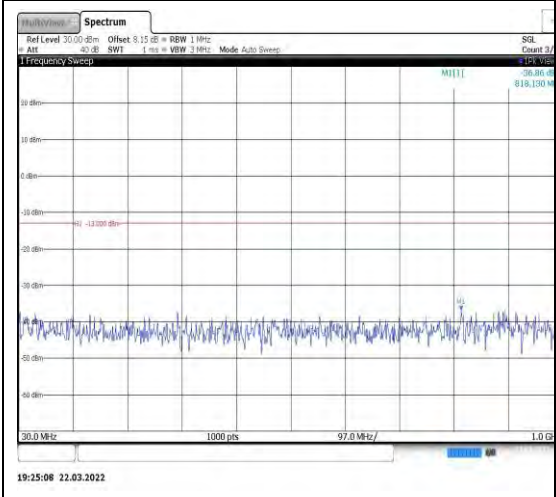
Band2-20MHz-QPSK-18700-1RB#0-Range2:1  
000~20000MHz



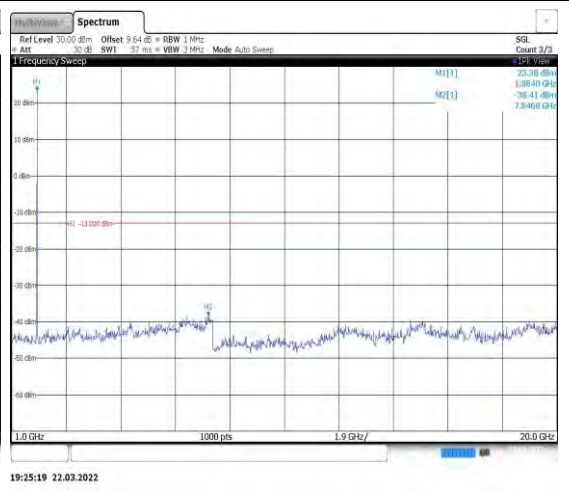
Band2-20MHz-QPSK-18900-1RB#0-Range  
1:30~1000MHz



Band2-20MHz-QPSK-18900-1RB#0-Range2:1  
000~20000MHz



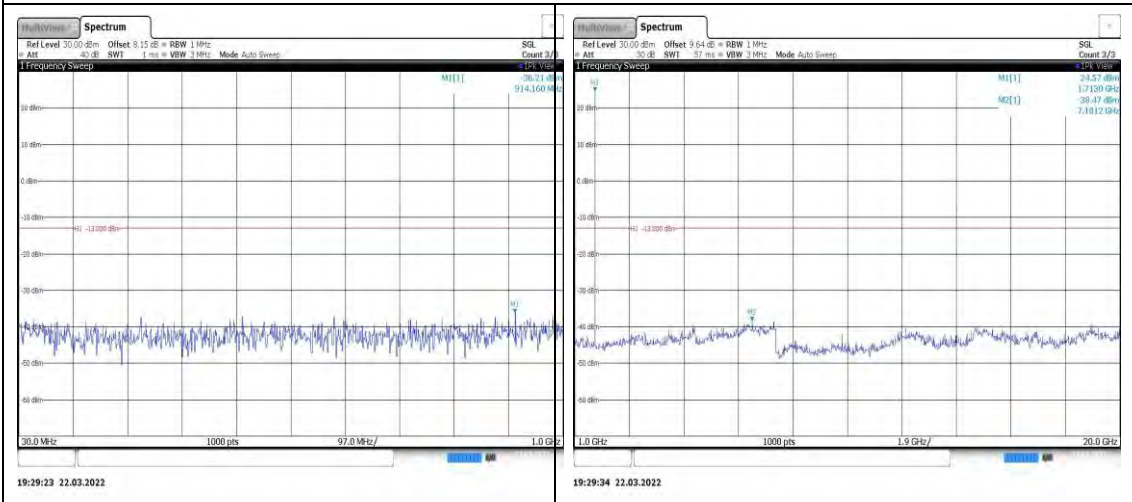
Band2-20MHz-QPSK-19100-1RB#0-Range  
1:30~1000MHz



Band2-20MHz-QPSK-19100-1RB#0-Range2:1  
000~20000MHz

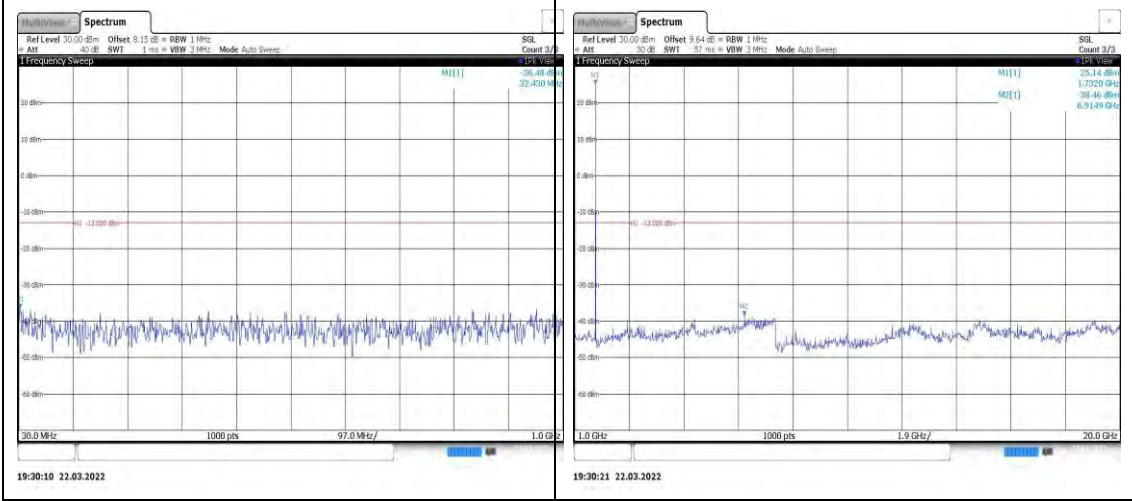


## LTE Band 4



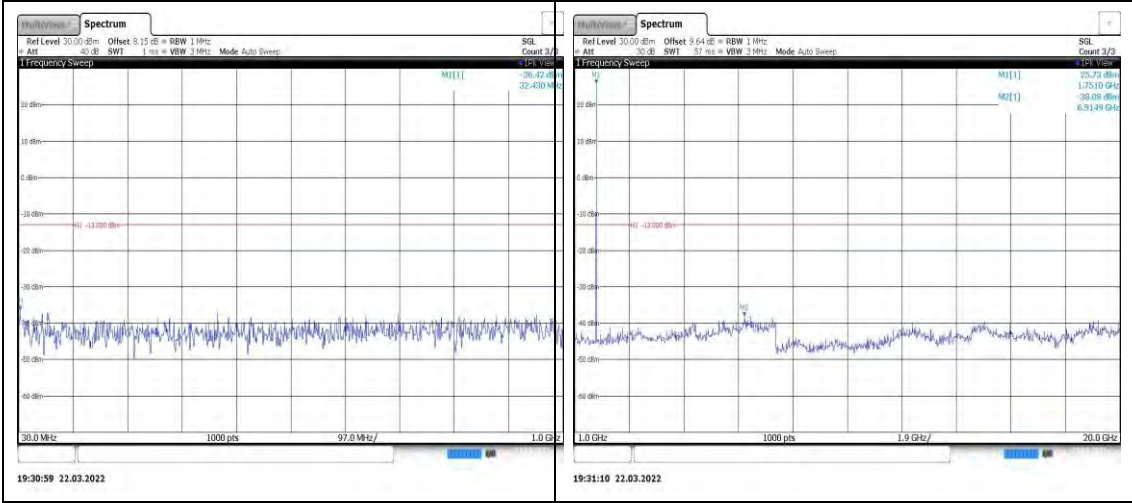
**Band4-1.4MHz-QPSK-19957-1RB#0-Range**  
1:30~1000MHz

**Band4-1.4MHz-QPSK-19957-1RB#0-Range2:**  
1000~20000MHz



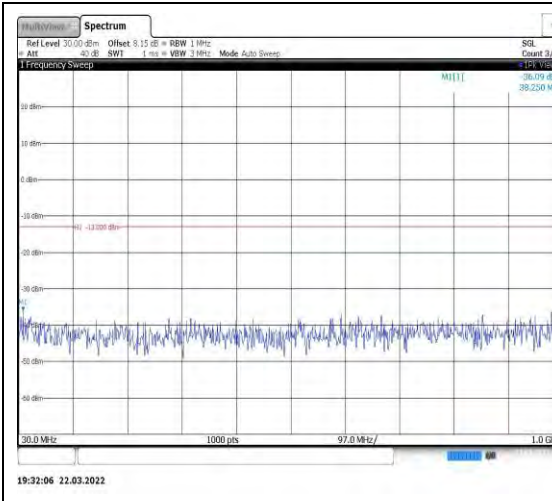
**Band4-1.4MHz-QPSK-20175-1RB#0-Range**  
1:30~1000MHz

**Band4-1.4MHz-QPSK-20175-1RB#0-Range2:**  
1000~20000MHz

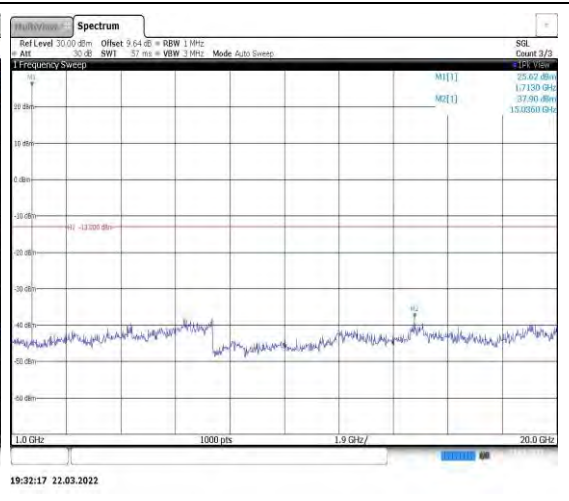


**Band4-1.4MHz-QPSK-20393-1RB#0-Range**  
1:30~1000MHz

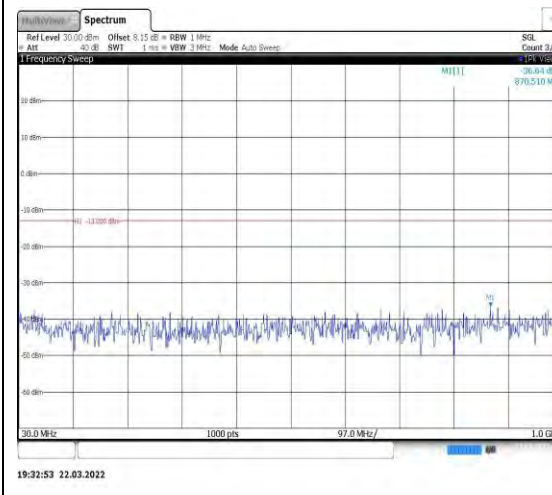
**Band4-1.4MHz-QPSK-20393-1RB#0-Range2:**  
1000~20000MHz



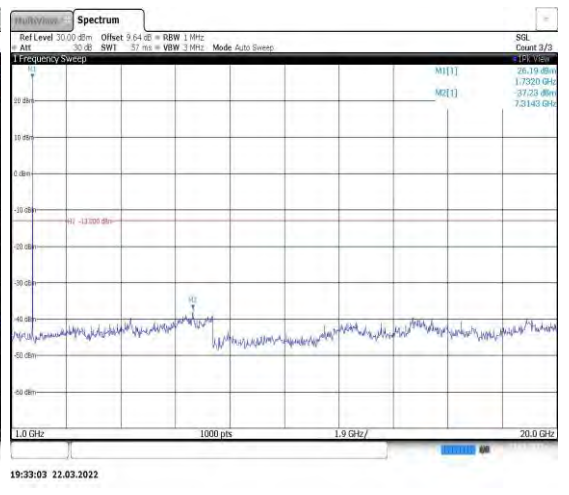
Band4-3MHz-QPSK-19965-1RB#0-Range1:  
30~1000MHz



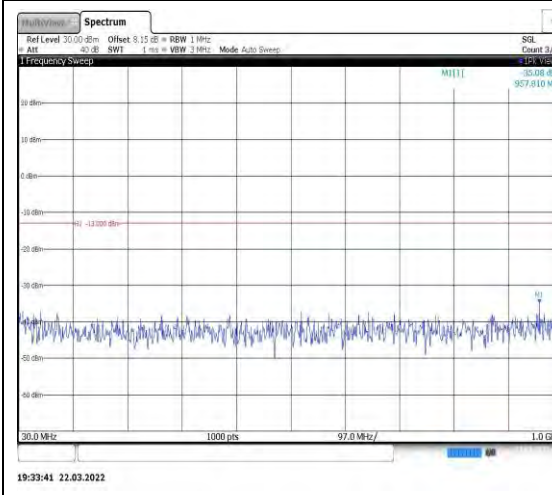
Band4-3MHz-QPSK-19965-1RB#0-Range2:10  
00~20000MHz



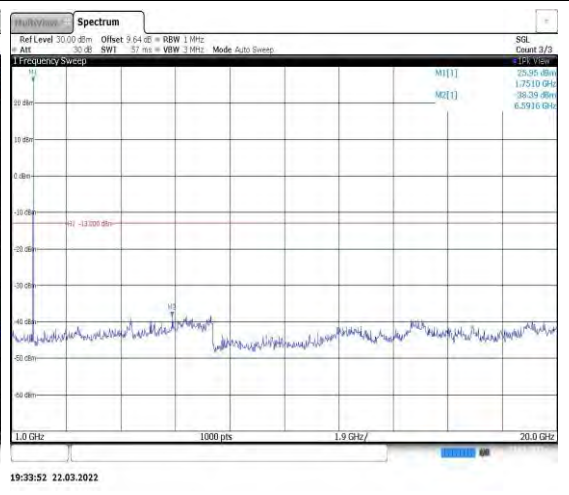
Band4-3MHz-QPSK-20175-1RB#0-Range1:  
30~1000MHz



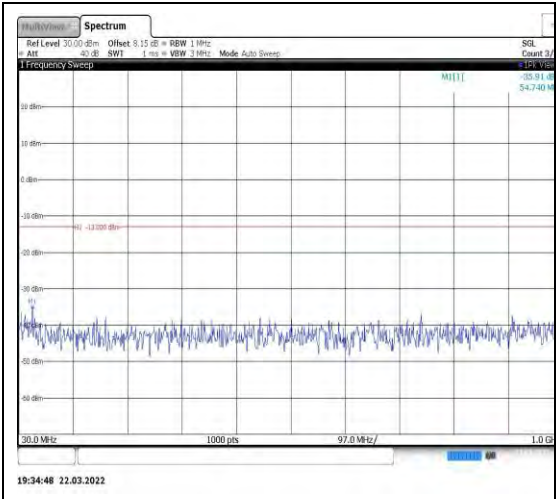
Band4-3MHz-QPSK-20175-1RB#0-Range2:10  
00~20000MHz



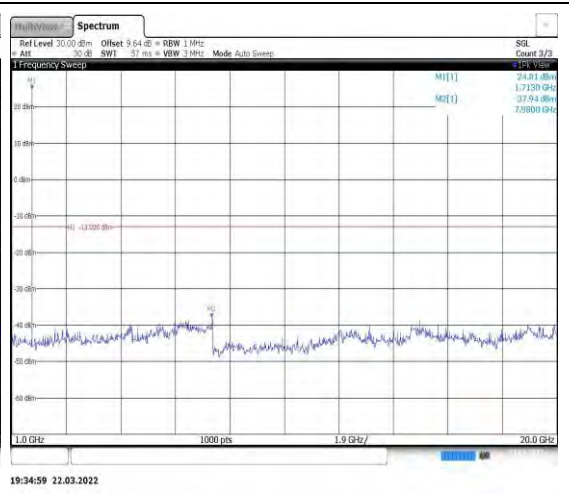
Band4-3MHz-QPSK-20385-1RB#0-Range1:  
30~1000MHz



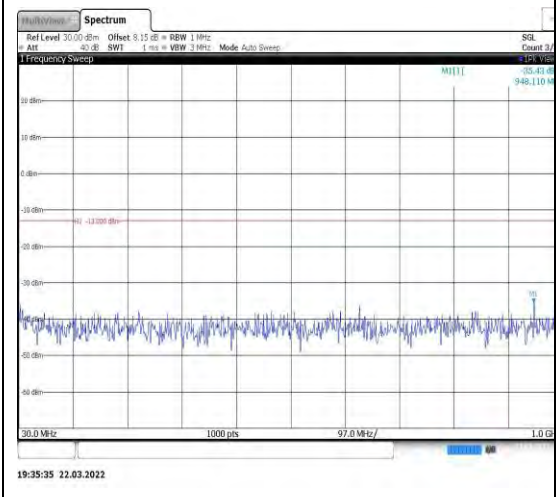
Band4-3MHz-QPSK-20385-1RB#0-Range2:10  
00~20000MHz



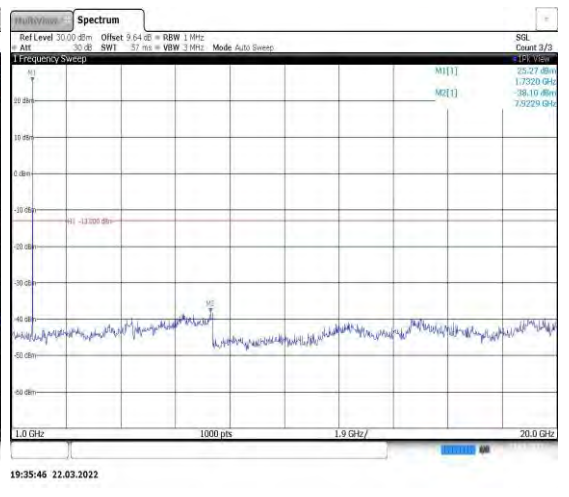
Band4-5MHz-QPSK-19975-1RB#0-Range1:  
30~1000MHz



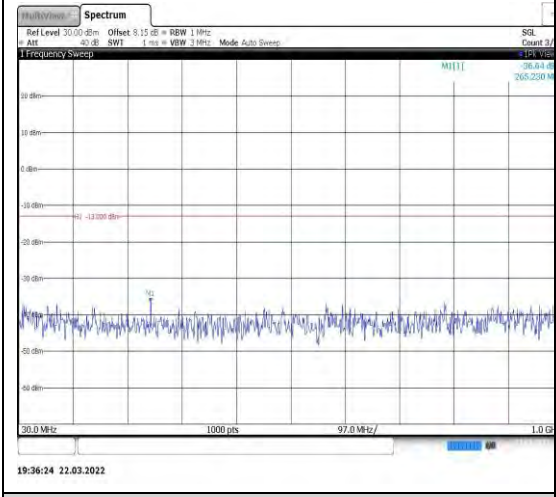
Band4-5MHz-QPSK-19975-1RB#0-Range2:10  
00~20000MHz



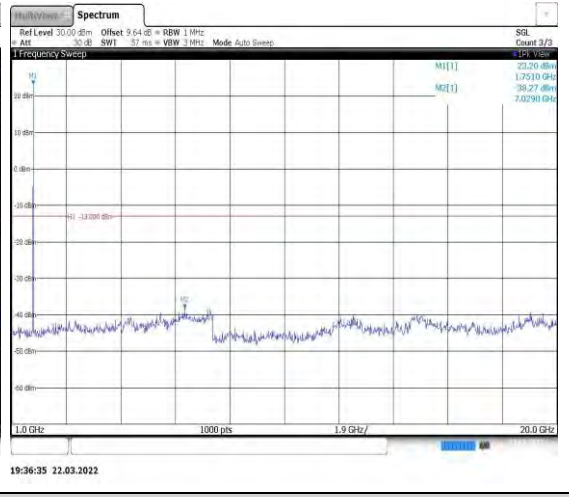
Band4-5MHz-QPSK-20175-1RB#0-Range1:  
30~1000MHz



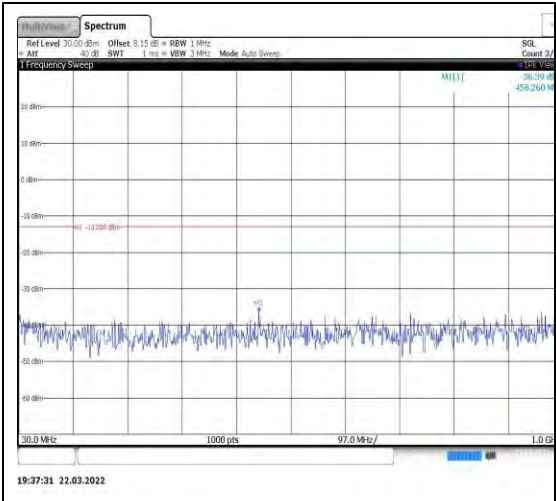
Band4-5MHz-QPSK-20175-1RB#0-Range2:10  
00~20000MHz



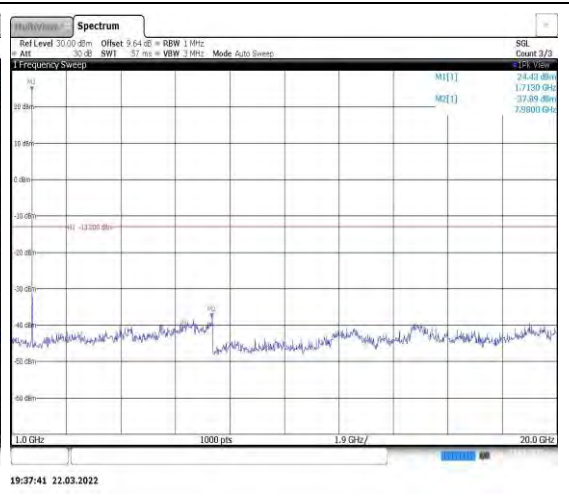
Band4-5MHz-QPSK-20375-1RB#0-Range1:  
30~1000MHz



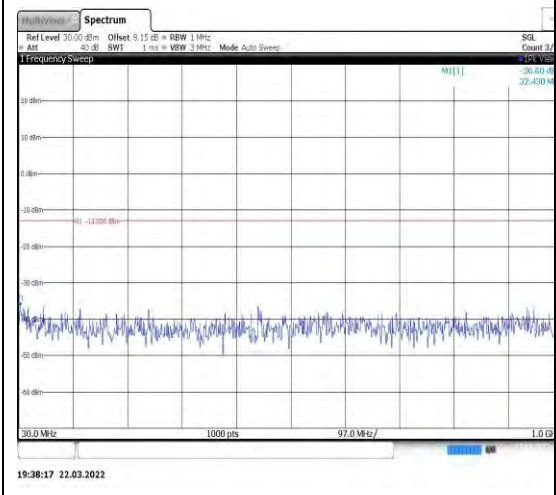
Band4-5MHz-QPSK-20375-1RB#0-Range2:10  
00~20000MHz



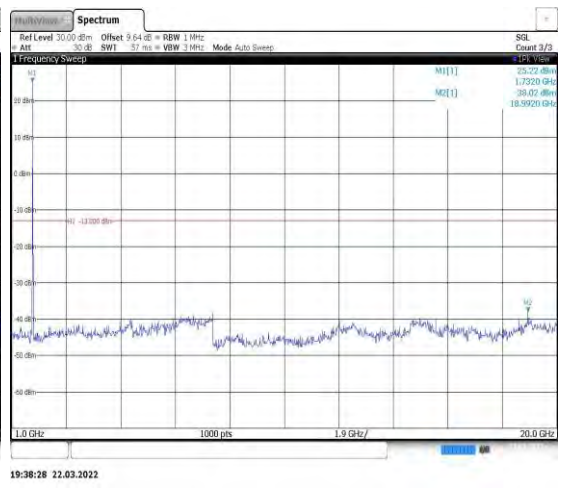
Band4-10MHz-QPSK-20000-1RB#0-Range  
1:30~1000MHz



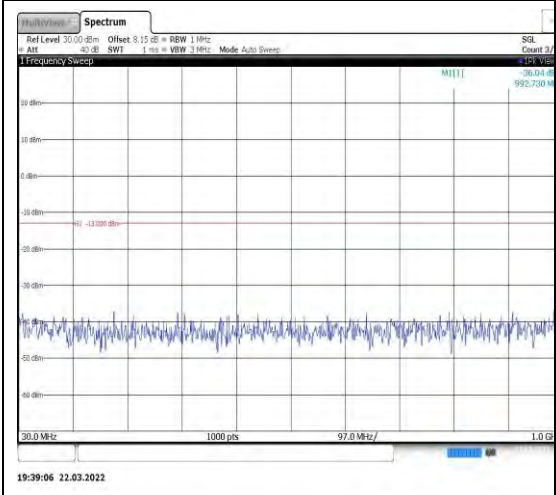
Band4-10MHz-QPSK-20000-1RB#0-Range2:1  
000~20000MHz



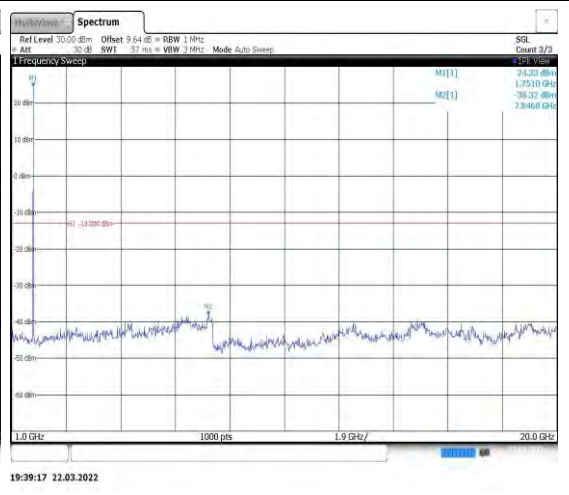
Band4-10MHz-QPSK-20175-1RB#0-Range  
1:30~1000MHz



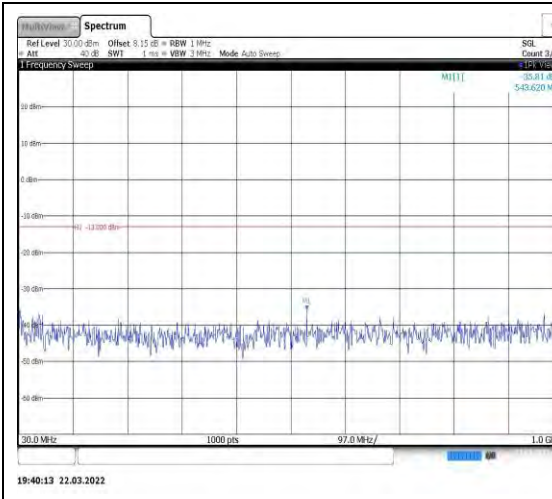
Band4-10MHz-QPSK-20175-1RB#0-Range2:1  
000~20000MHz



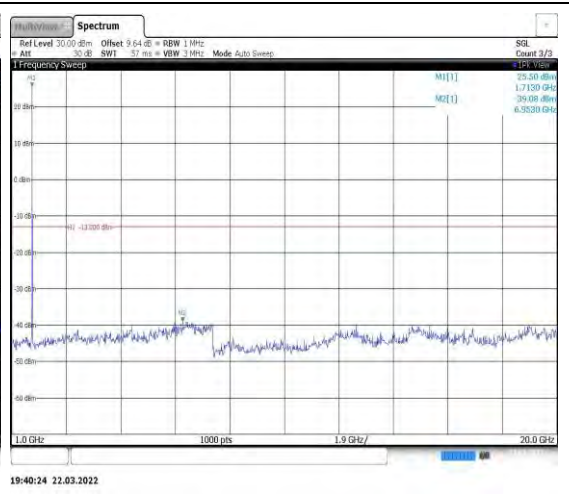
Band4-10MHz-QPSK-20350-1RB#0-Range  
1:30~1000MHz



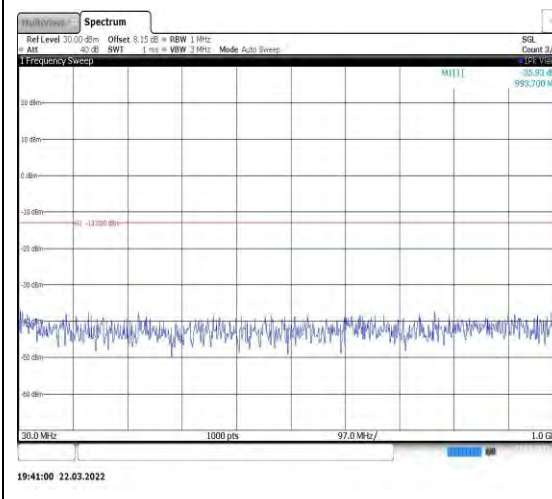
Band4-10MHz-QPSK-20350-1RB#0-Range2:1  
000~20000MHz



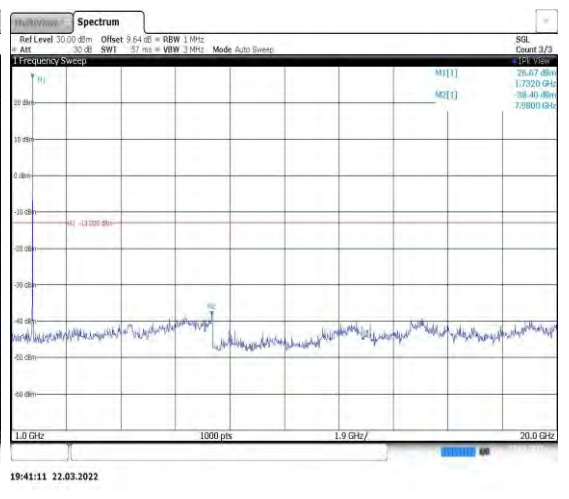
Band4-15MHz-QPSK-20025-1RB#0-Range  
1:30~1000MHz



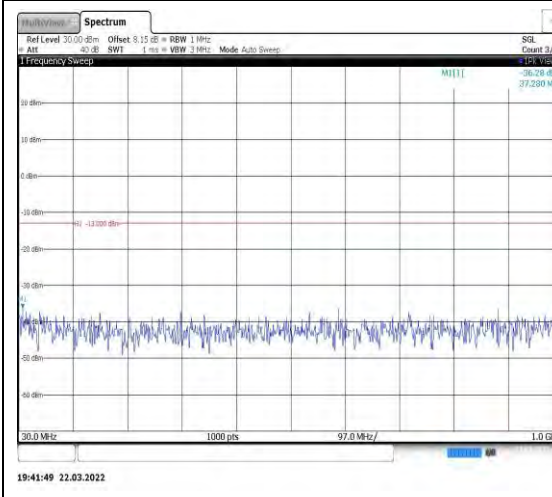
Band4-15MHz-QPSK-20025-1RB#0-Range2:1  
000~20000MHz



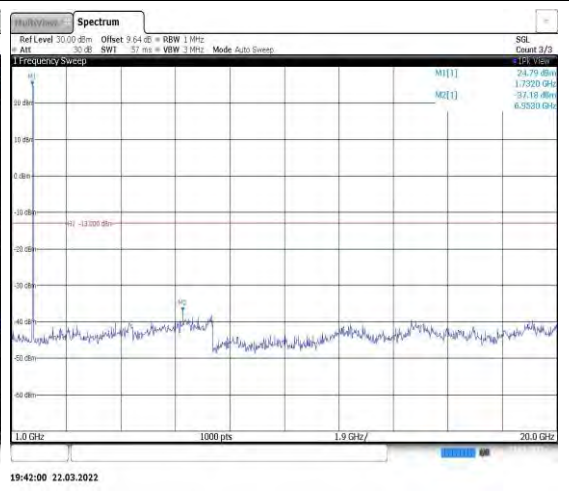
Band4-15MHz-QPSK-20175-1RB#0-Range  
1:30~1000MHz



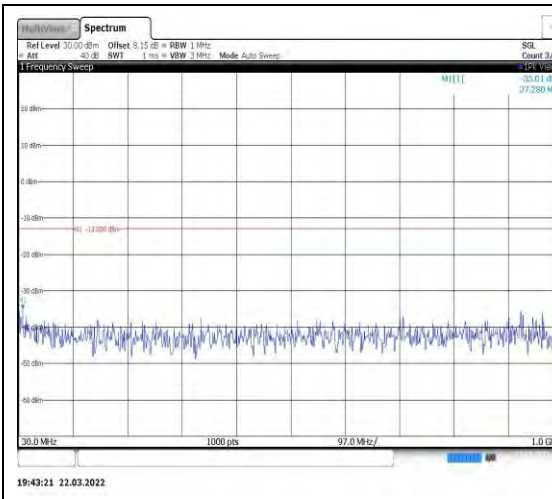
Band4-15MHz-QPSK-20175-1RB#0-Range2:1  
000~20000MHz



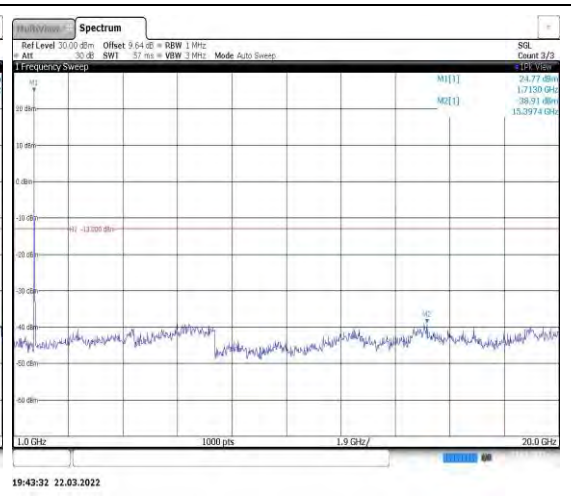
Band4-15MHz-QPSK-20325-1RB#0-Range  
1:30~1000MHz



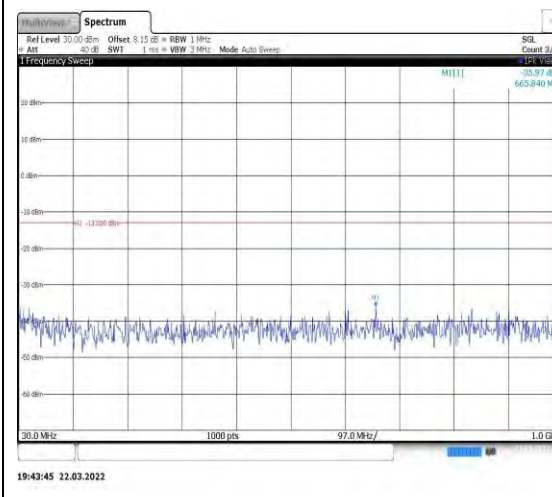
Band4-15MHz-QPSK-20325-1RB#0-Range2:1  
000~20000MHz



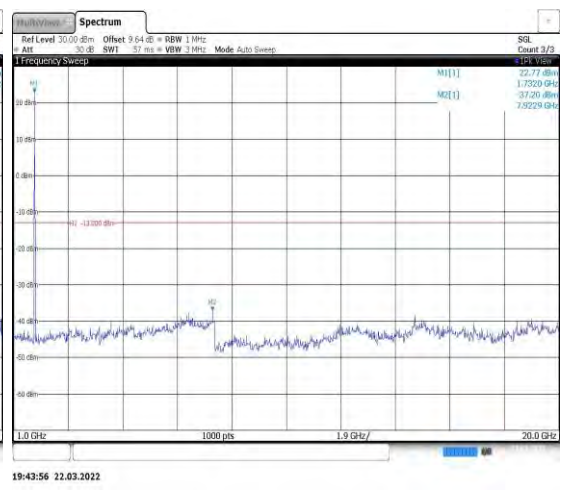
Band4-20MHz-QPSK-20050-1RB#0-Range  
1:30~1000MHz



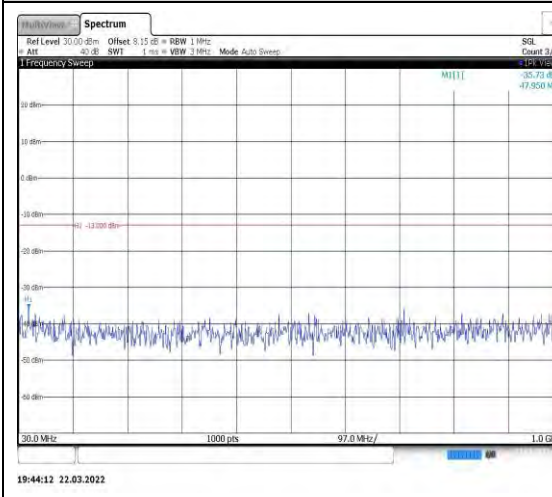
Band4-20MHz-QPSK-20050-1RB#0-Range2:1  
000~20000MHz



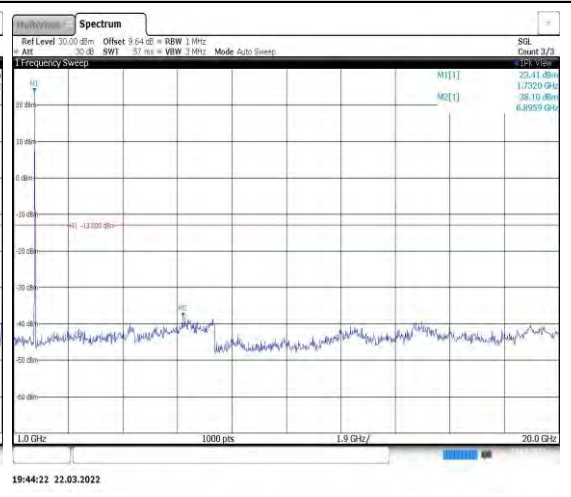
Band4-20MHz-QPSK-20175-1RB#0-Range  
1:30~1000MHz



Band4-20MHz-QPSK-20175-1RB#0-Range2:1  
000~20000MHz

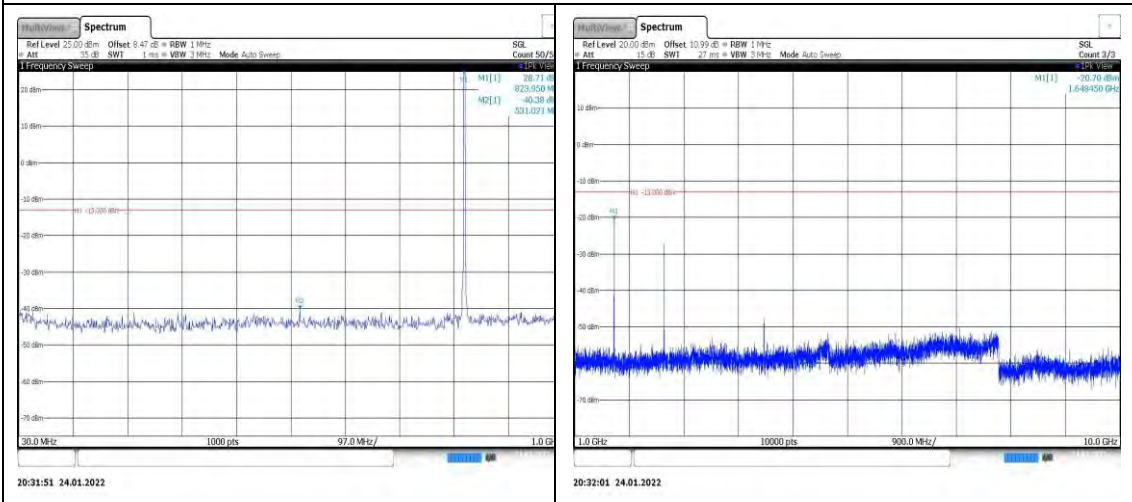


Band4-20MHz-QPSK-20300-1RB#0-Range  
1:30~1000MHz



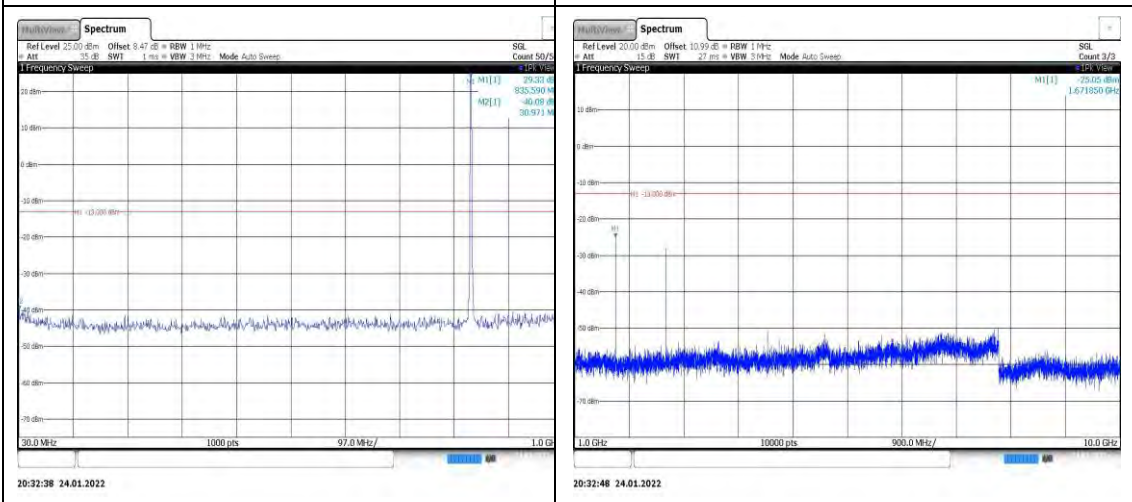
Band4-20MHz-QPSK-20300-1RB#0-Range2:1  
000~20000MHz

## LTE Band 5



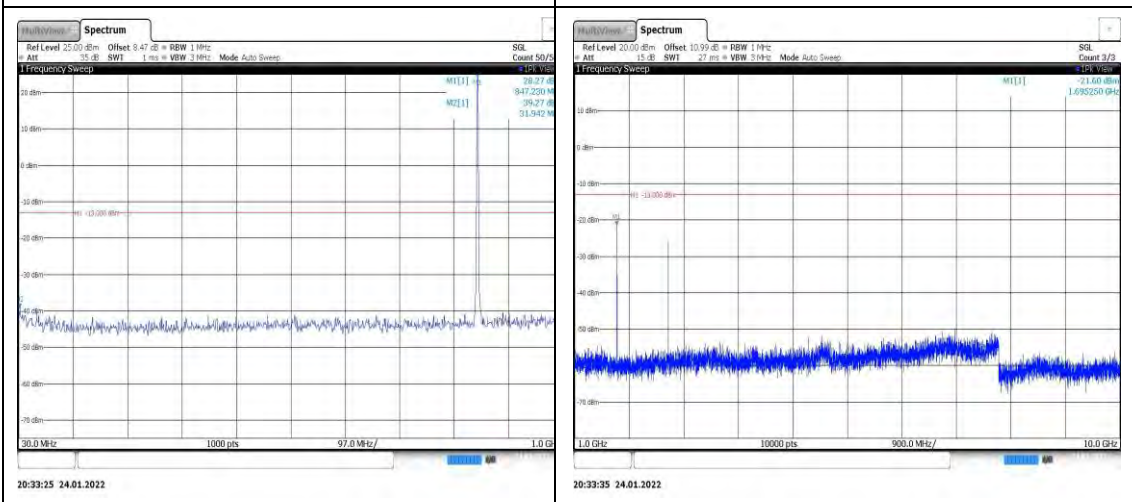
**Band5-1.4MHz-QPSK-20407-1RB#0-Range**  
1:30~1000MHz

**Band5-1.4MHz-QPSK-20407-1RB#0-Range2:**  
1000~10000MHz



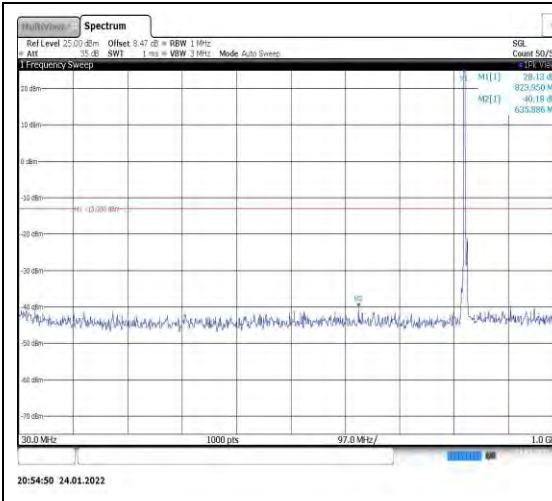
**Band5-1.4MHz-QPSK-20525-1RB#0-Range**  
1:30~1000MHz

**Band5-1.4MHz-QPSK-20525-1RB#0-Range2:**  
1000~10000MHz

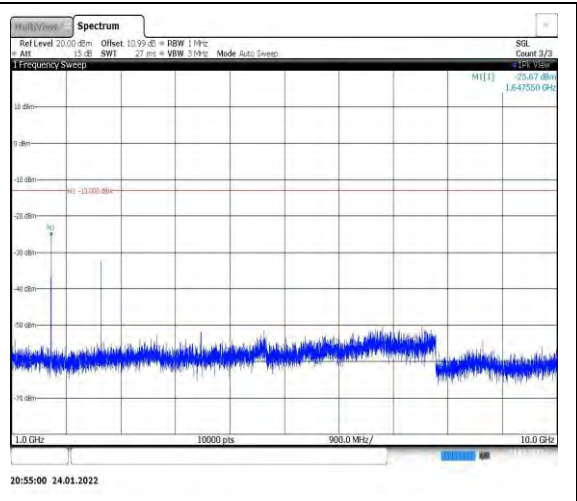


**Band5-1.4MHz-QPSK-20643-1RB#0-Range**  
1:30~1000MHz

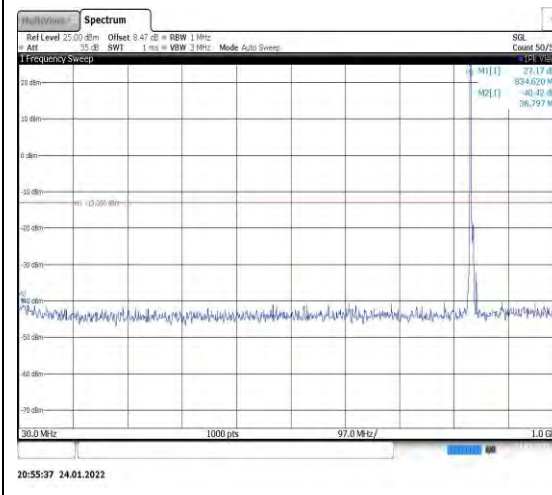
**Band5-1.4MHz-QPSK-20643-1RB#0-Range2:**  
1000~10000MHz



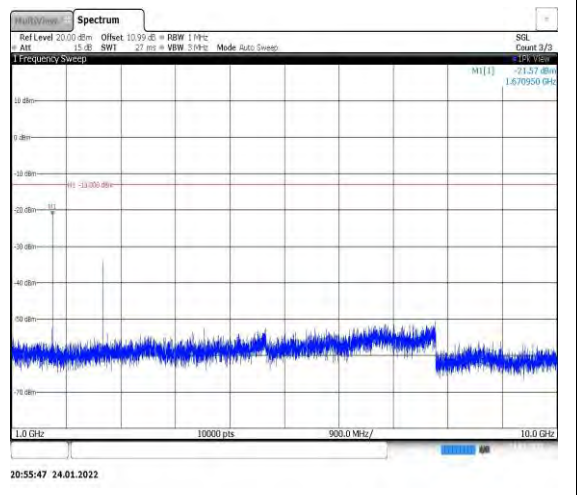
Band5-3MHz-QPSK-20415-1RB#0-Range1:  
30~1000MHz



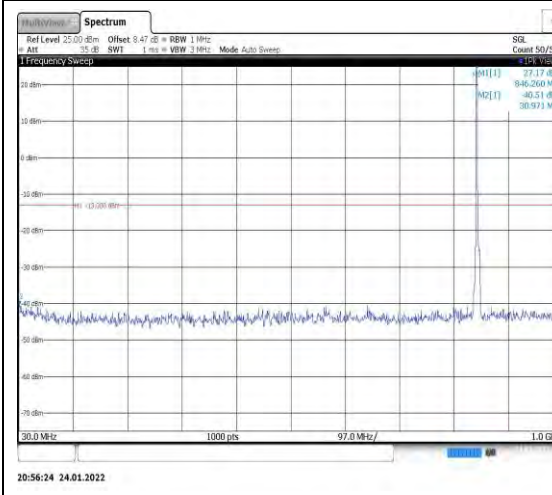
Band5-3MHz-QPSK-20415-1RB#0-Range2:10  
00~10000MHz



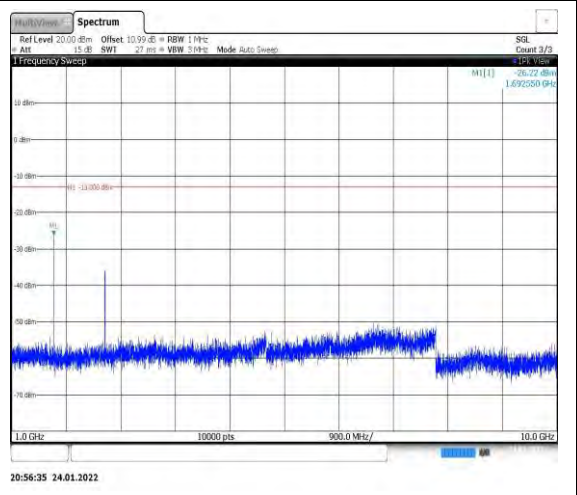
Band5-3MHz-QPSK-20525-1RB#0-Range1:  
30~1000MHz



Band5-3MHz-QPSK-20525-1RB#0-Range2:10  
00~10000MHz

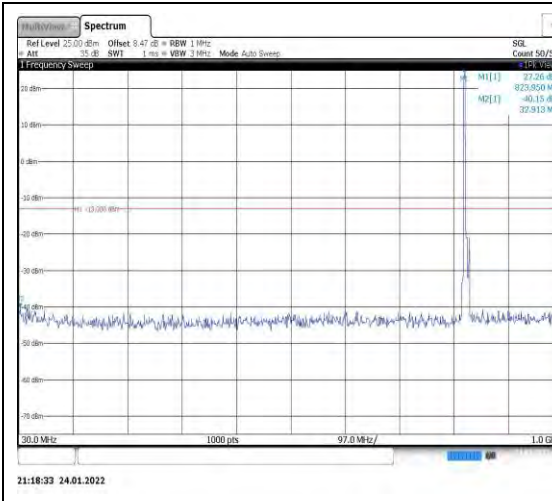


Band5-3MHz-QPSK-20635-1RB#0-Range1:  
30~1000MHz

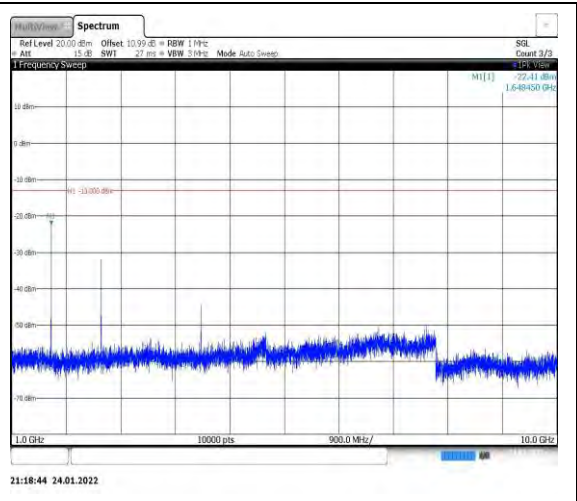


Band5-3MHz-QPSK-20635-1RB#0-Range2:10  
00~10000MHz

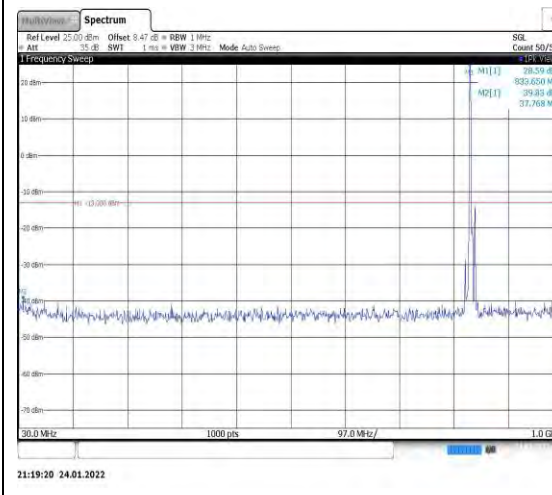




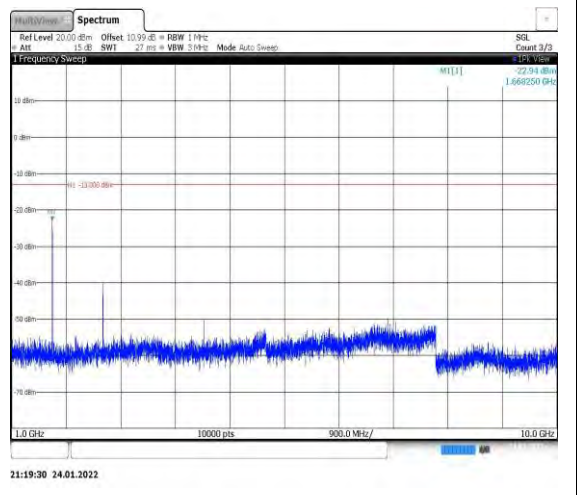
Band5-5MHz-QPSK-20425-1RB#0-Range1:  
30~1000MHz



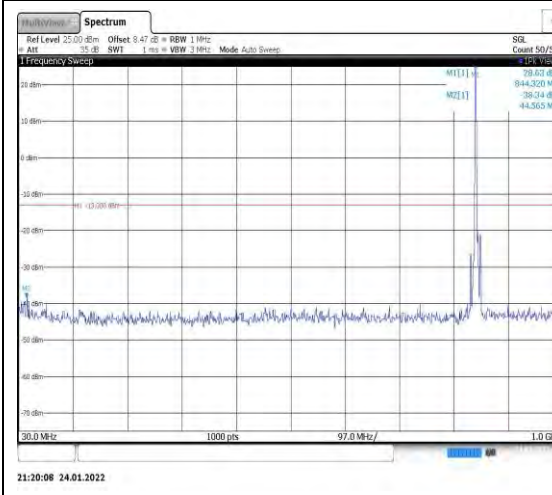
Band5-5MHz-QPSK-20425-1RB#0-Range2:10  
00~10000MHz



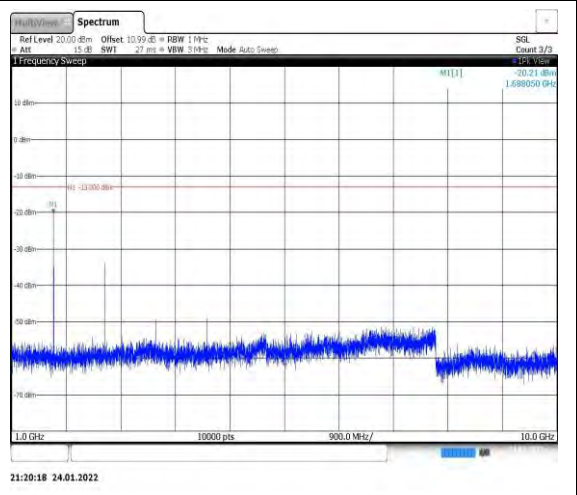
Band5-5MHz-QPSK-20525-1RB#0-Range1:  
30~1000MHz



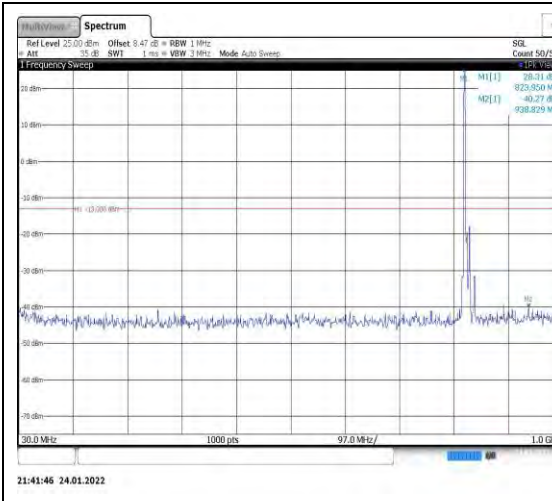
Band5-5MHz-QPSK-20525-1RB#0-Range2:10  
00~10000MHz



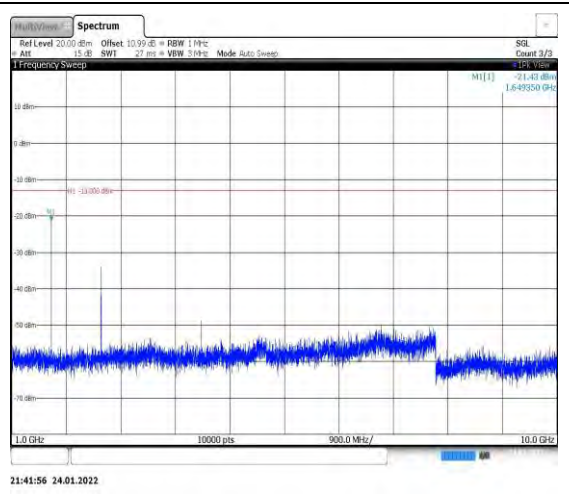
Band5-5MHz-QPSK-20625-1RB#0-Range1:  
30~1000MHz



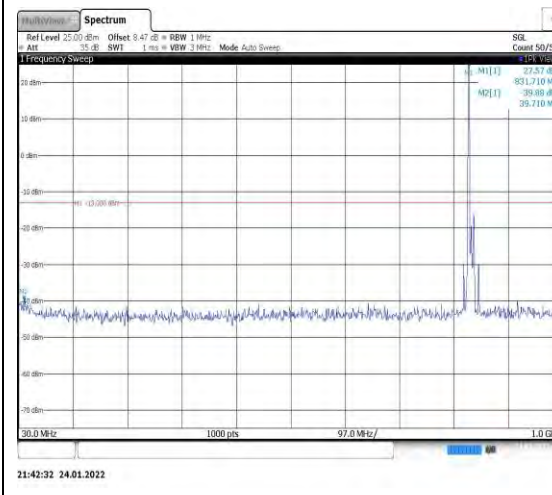
Band5-5MHz-QPSK-20625-1RB#0-Range2:10  
00~10000MHz



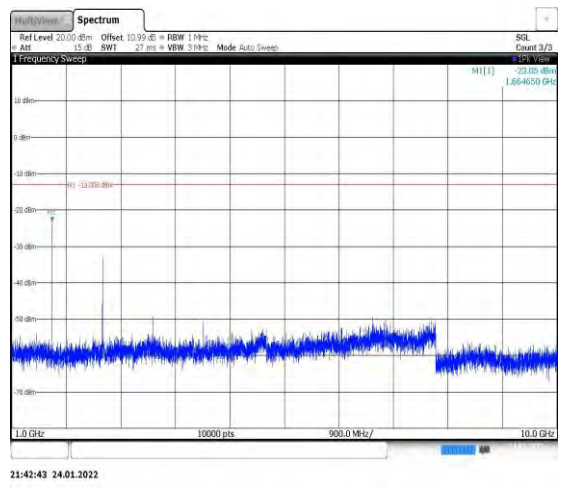
Band5-10MHz-QPSK-20450-1RB#0-Range  
1:30~1000MHz



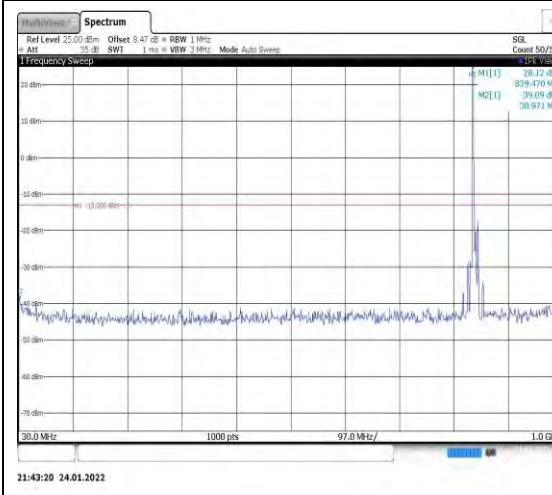
Band5-10MHz-QPSK-20450-1RB#0-Range2:1  
000~10000MHz



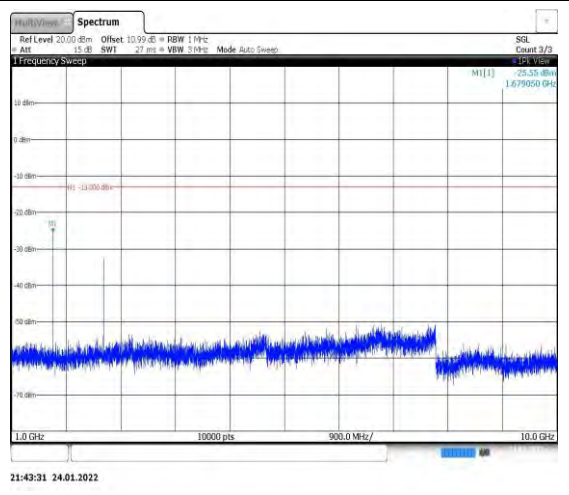
Band5-10MHz-QPSK-20525-1RB#0-Range  
1:30~1000MHz



Band5-10MHz-QPSK-20525-1RB#0-Range2:1  
000~10000MHz

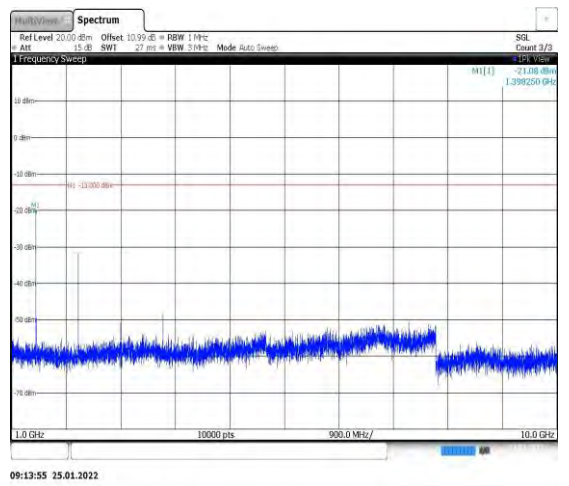
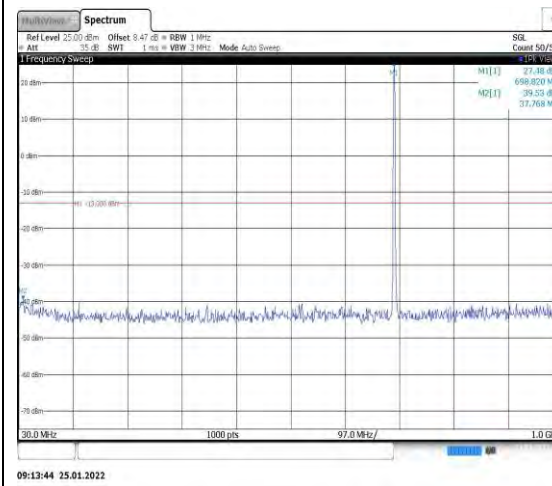


Band5-10MHz-QPSK-20600-1RB#0-Range  
1:30~1000MHz



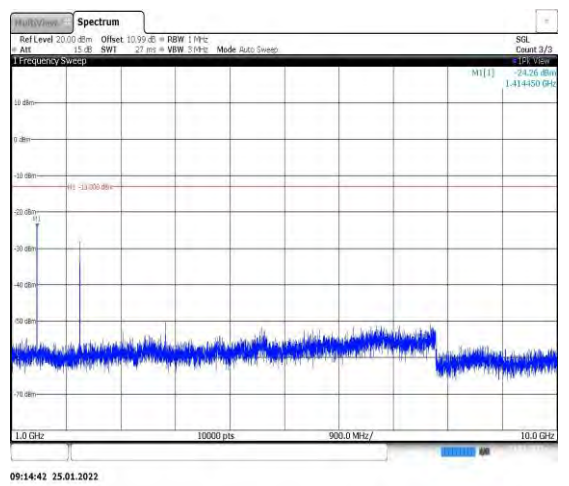
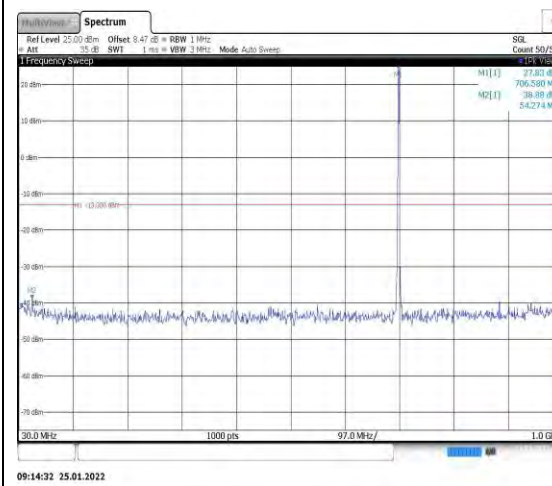
Band5-10MHz-QPSK-20600-1RB#0-Range2:1  
000~10000MHz

## LTE Band 12



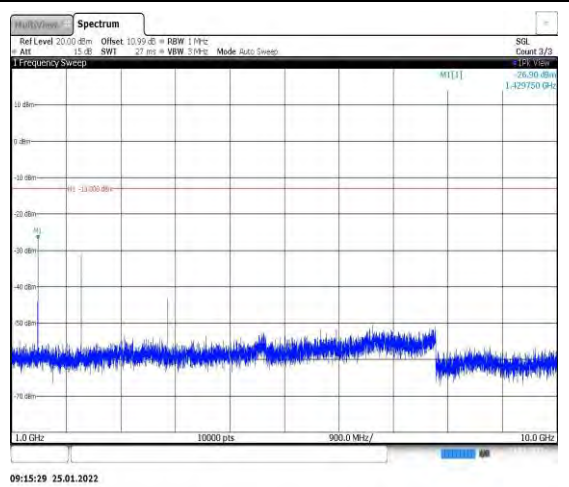
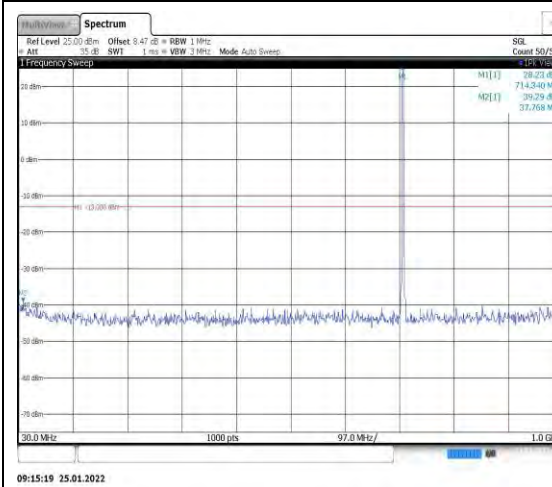
**Band12-1.4MHz-QPSK-23017-1RB#0-Rang  
e1:30~1000MHz**

**Band12-1.4MHz-QPSK-23017-1RB#0-Range2  
:1000~10000MHz**



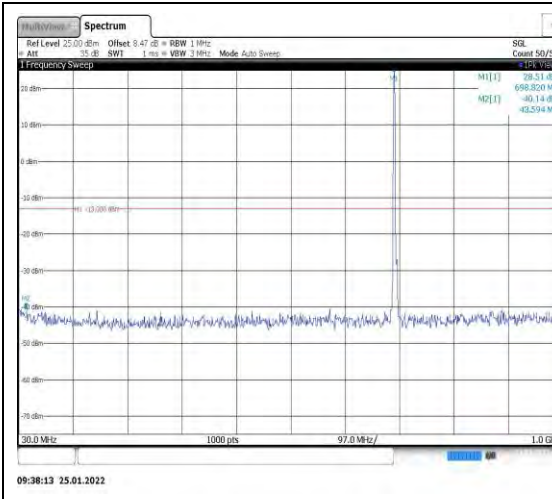
**Band12-1.4MHz-QPSK-23095-1RB#0-Rang  
e1:30~1000MHz**

**Band12-1.4MHz-QPSK-23095-1RB#0-Range2  
:1000~10000MHz**

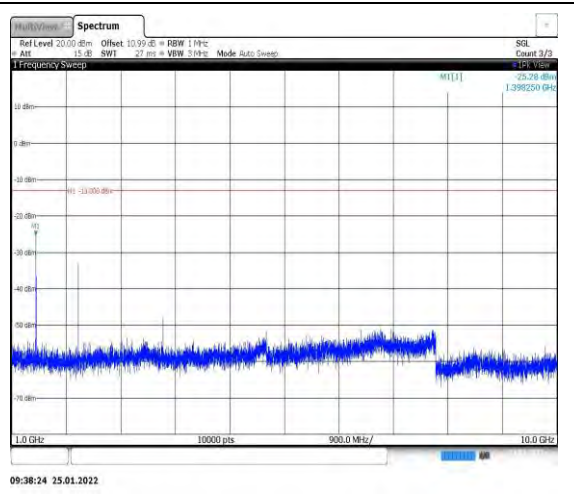


**Band12-1.4MHz-QPSK-23173-1RB#0-Rang  
e1:30~1000MHz**

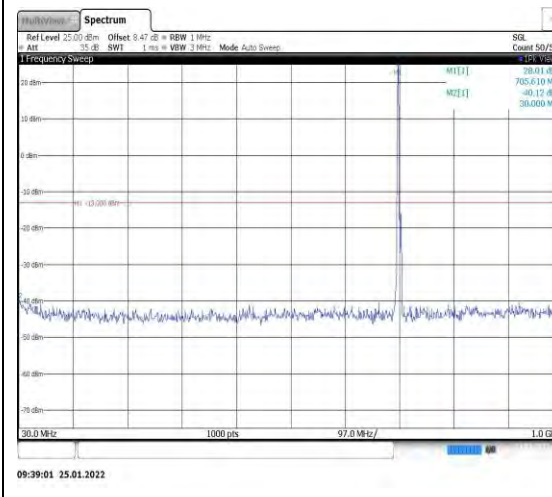
**Band12-1.4MHz-QPSK-23173-1RB#0-Range2  
:1000~10000MHz**



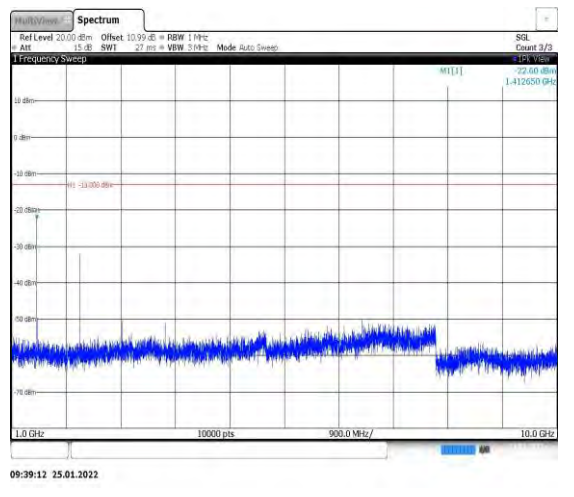
Band12-3MHz-QPSK-23025-1RB#0-Range  
1:30~1000MHz



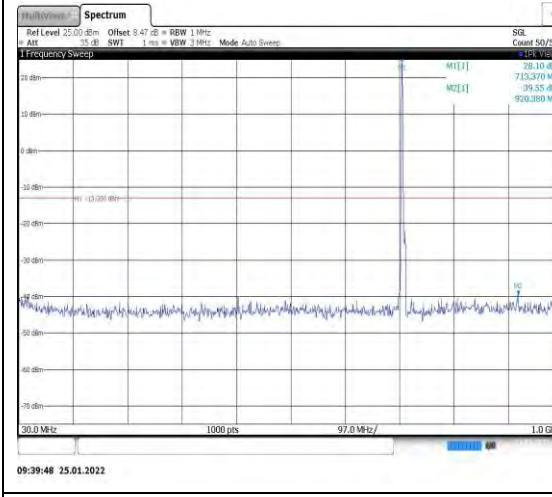
Band12-3MHz-QPSK-23025-1RB#0-Range2:1  
000~10000MHz



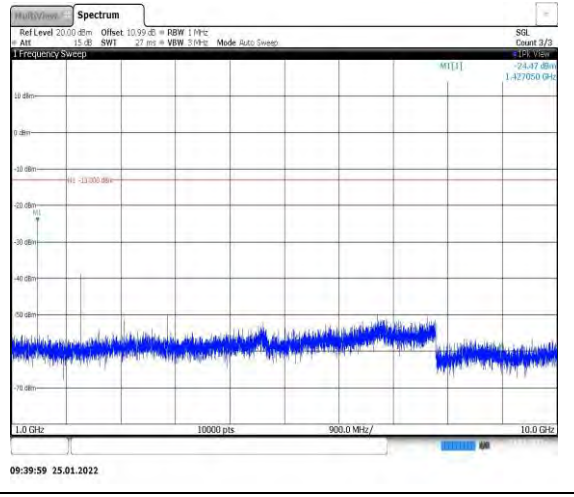
Band12-3MHz-QPSK-23095-1RB#0-Range  
1:30~1000MHz



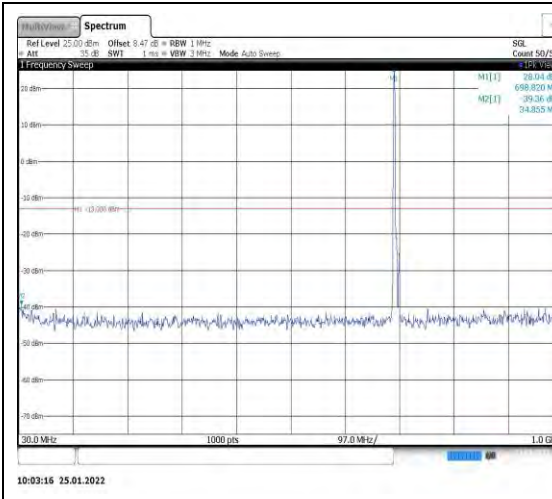
Band12-3MHz-QPSK-23095-1RB#0-Range2:1  
000~10000MHz



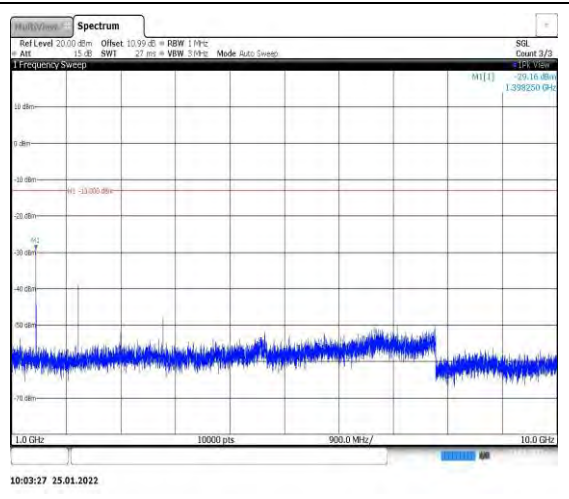
Band12-3MHz-QPSK-23165-1RB#0-Range  
1:30~1000MHz



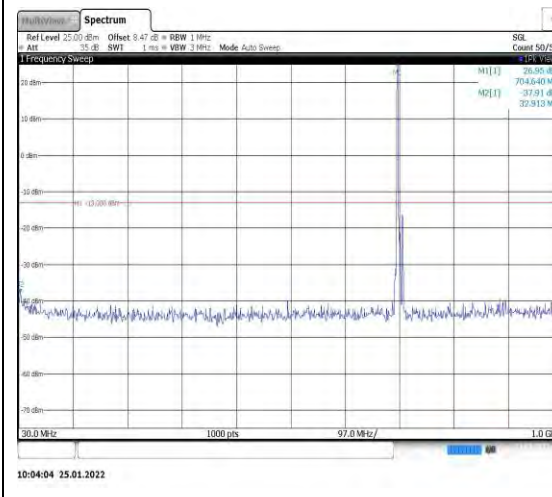
Band12-3MHz-QPSK-23165-1RB#0-Range2:1  
000~10000MHz



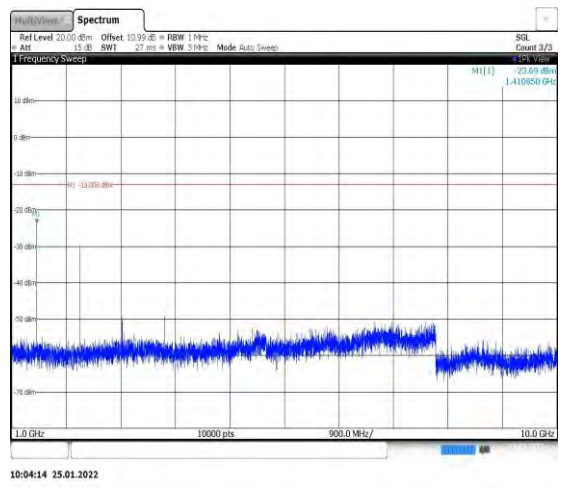
Band12-5MHz-QPSK-23035-1RB#0-Range  
1:30~1000MHz



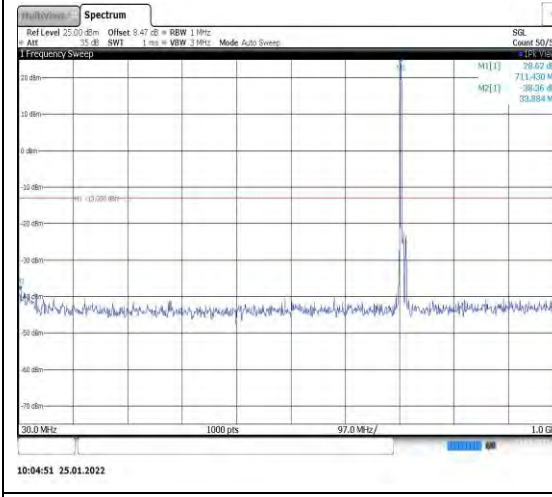
Band12-5MHz-QPSK-23035-1RB#0-Range2:1  
000~10000MHz



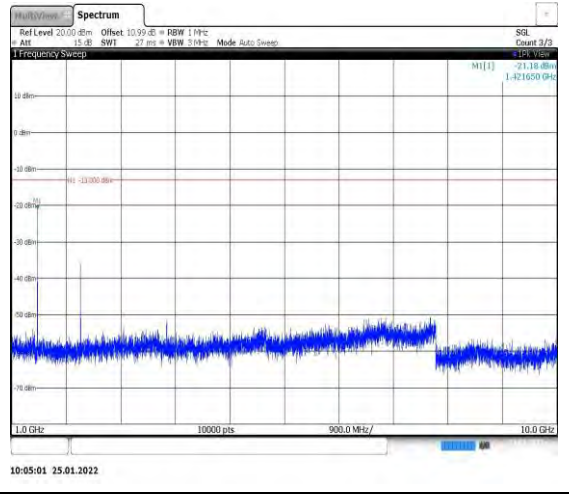
Band12-5MHz-QPSK-23095-1RB#0-Range  
1:30~1000MHz



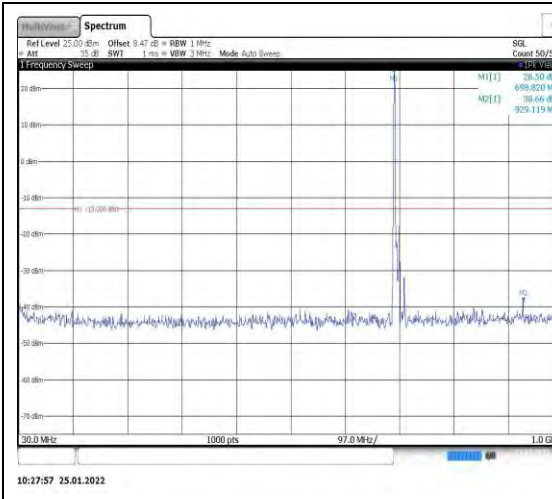
Band12-5MHz-QPSK-23095-1RB#0-Range2:1  
000~10000MHz



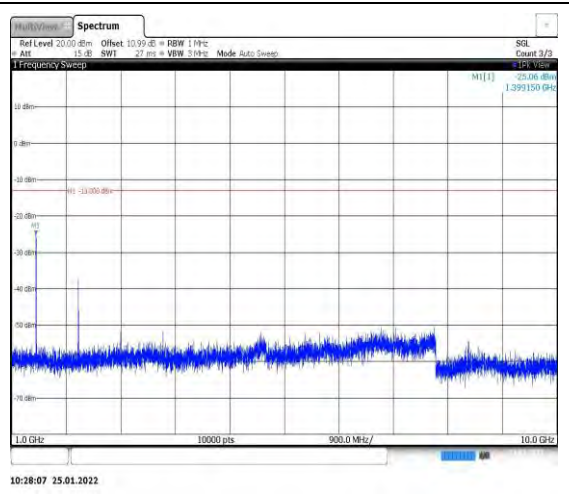
Band12-5MHz-QPSK-23155-1RB#0-Range  
1:30~1000MHz



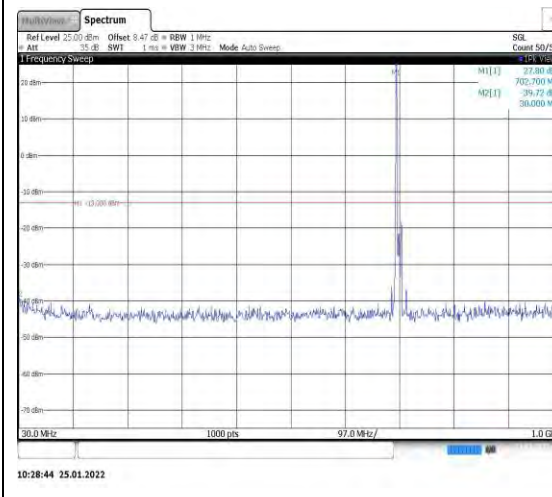
Band12-5MHz-QPSK-23155-1RB#0-Range2:1  
000~10000MHz



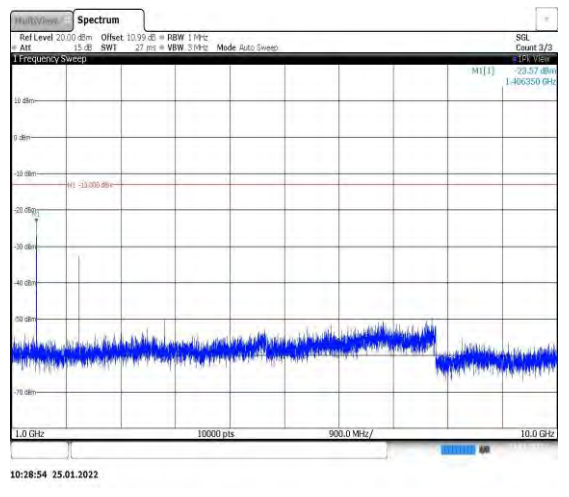
Band12-10MHz-QPSK-23060-1RB#0-Rang  
e1:30~1000MHz



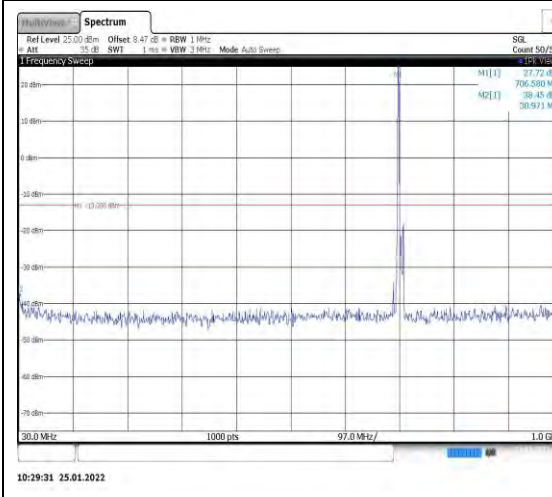
Band12-10MHz-QPSK-23060-1RB#0-Range2:  
1000~10000MHz



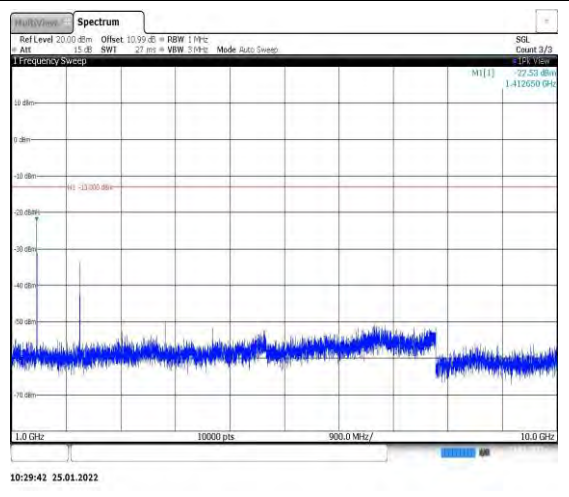
Band12-10MHz-QPSK-23095-1RB#0-Rang  
e1:30~1000MHz



Band12-10MHz-QPSK-23095-1RB#0-Range2:  
1000~10000MHz

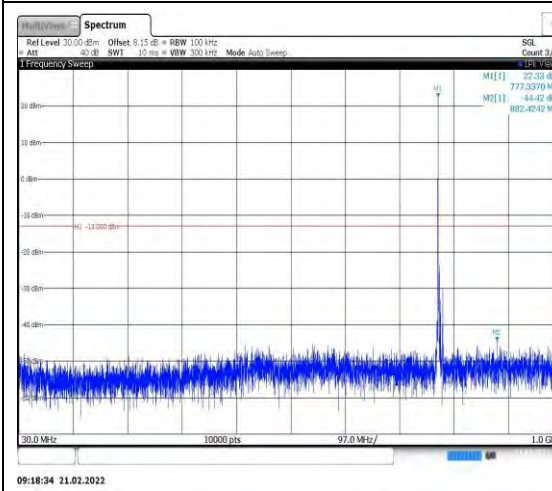


Band12-10MHz-QPSK-23130-1RB#0-Rang  
e1:30~1000MHz

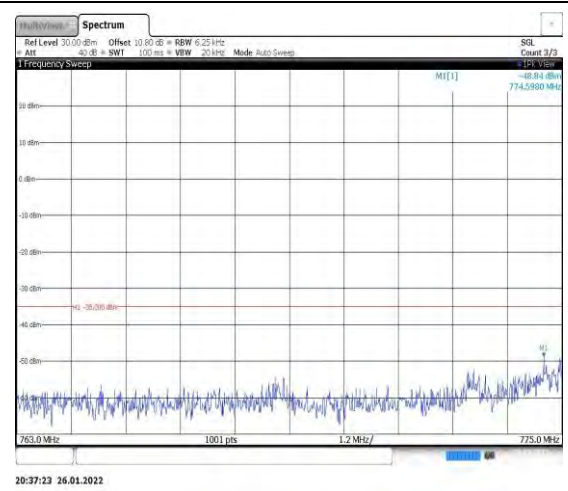


Band12-10MHz-QPSK-23130-1RB#0-Range2:  
1000~10000MHz

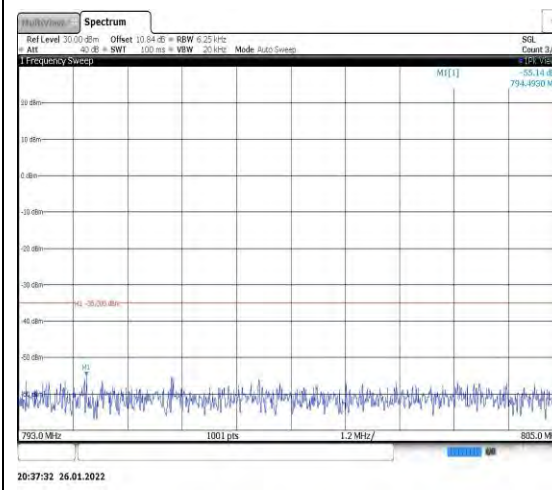
## LTE Band 13



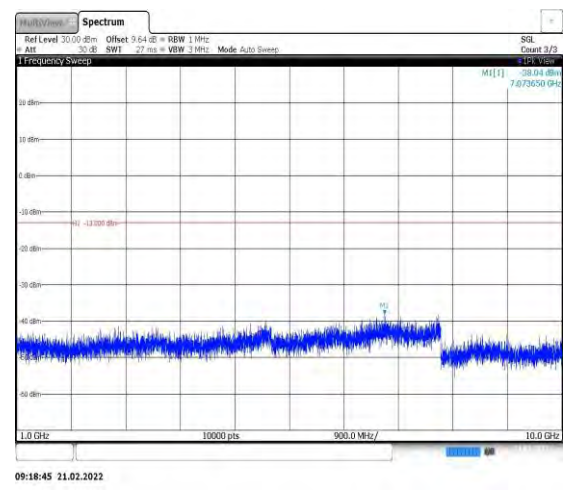
Band13-5MHz-QPSK-23205-1RB#0-Range  
1:30~1000MHz



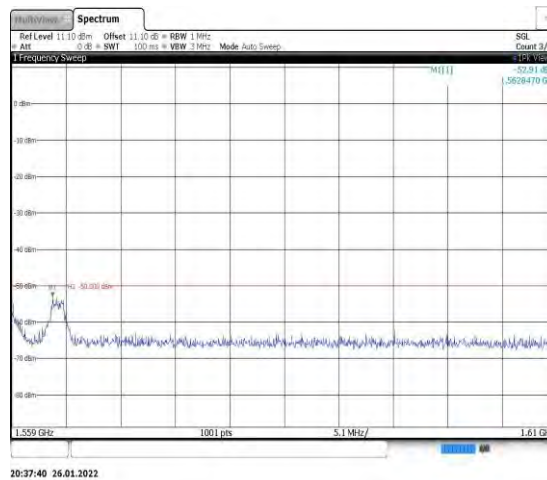
Band13-5MHz-QPSK-23205-1RB#0-Range3:7  
63~775MHz



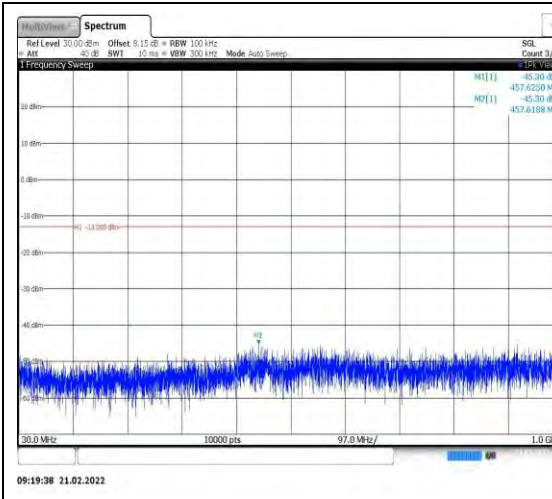
Band13-5MHz-QPSK-23205-1RB#0-Range  
4:793~805MHz



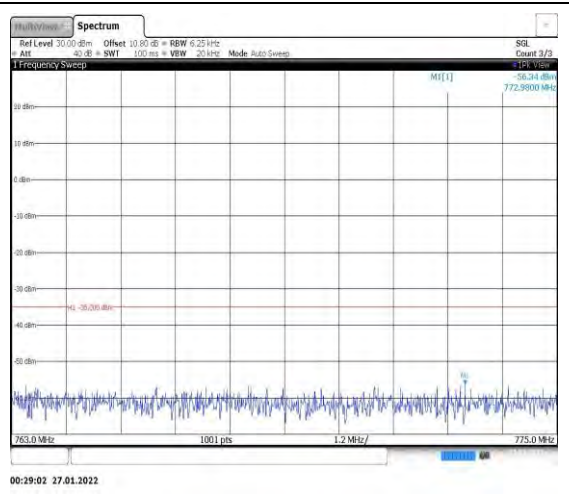
Band13-5MHz-QPSK-23205-1RB#0-Range2:1  
000~10000MHz



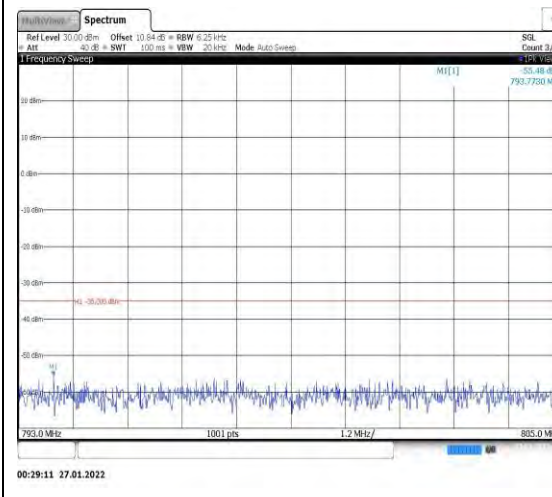
Band13-5MHz-QPSK-23205-1RB#0-Range5:1559~1610MHz



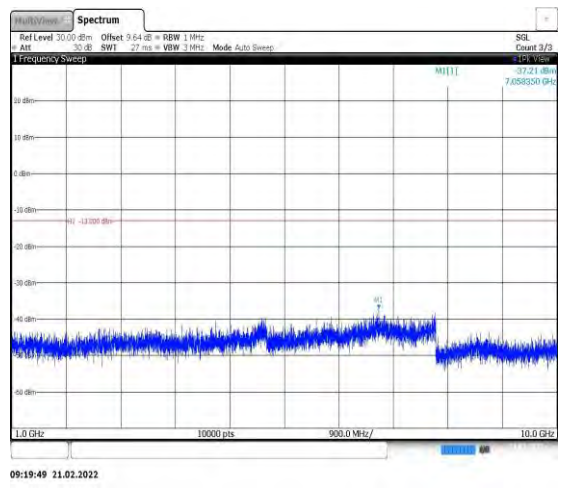
Band13-5MHz-QPSK-23230-1RB#0-Range  
1:30~1000MHz



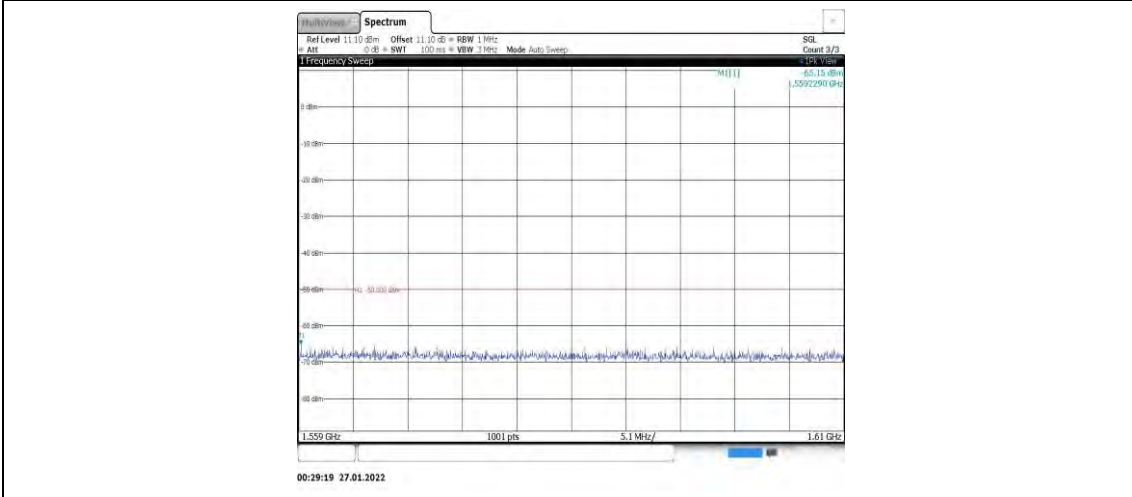
Band13-5MHz-QPSK-23230-1RB#0-Range3:7  
63~775MHz



Band13-5MHz-QPSK-23230-1RB#0-Range  
4:793~805MHz

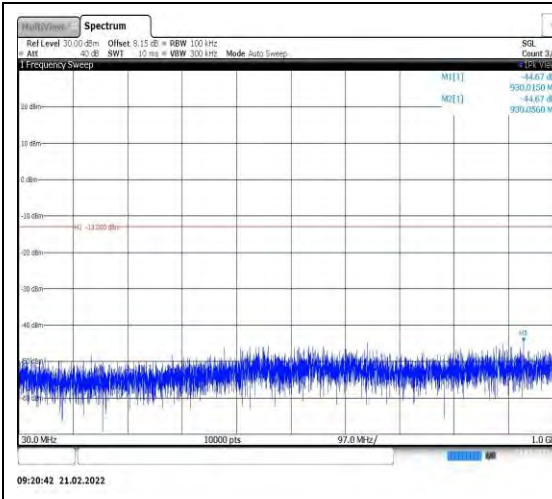


Band13-5MHz-QPSK-23230-1RB#0-Range2:1  
000~10000MHz

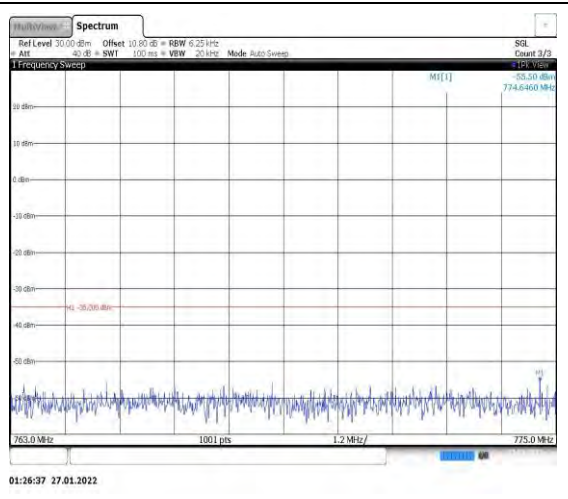


Band13-5MHz-QPSK-23230-1RB#0-Range5:1559~1610MHz

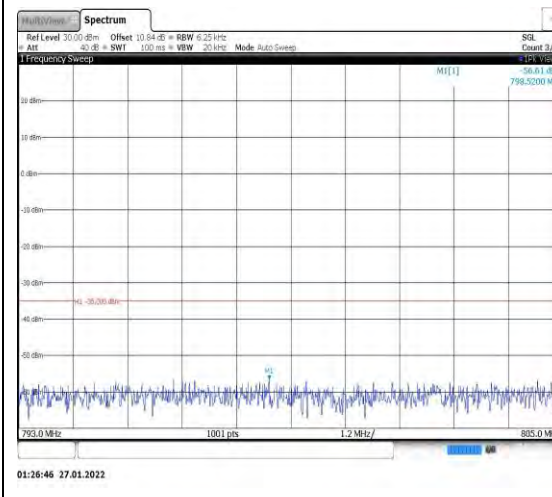




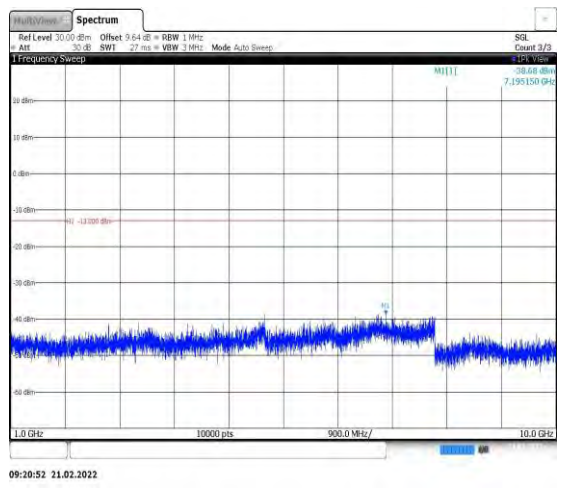
Band13-5MHz-QPSK-23255-1RB#0-Range  
1:30~1000MHz



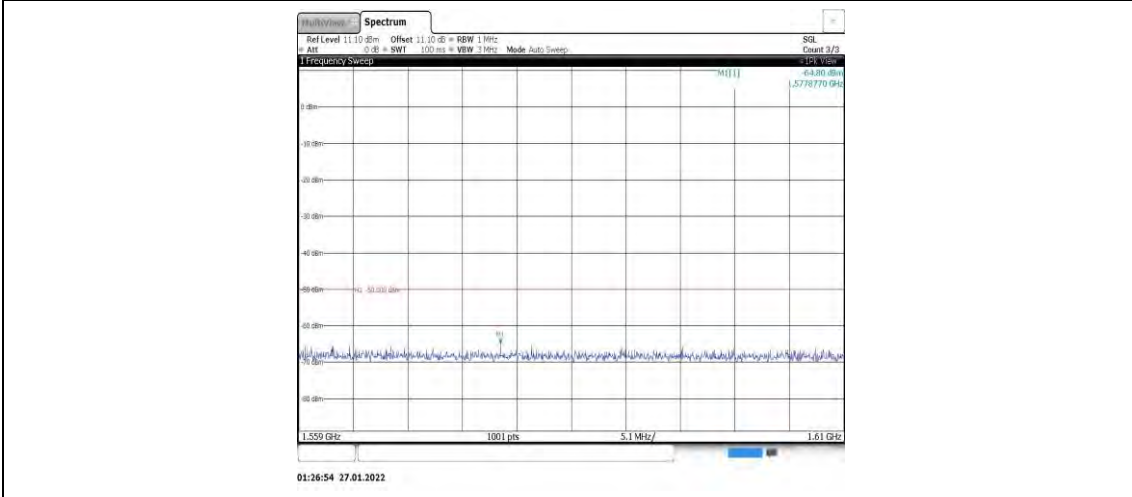
Band13-5MHz-QPSK-23255-1RB#0-Range3:7  
63~775MHz



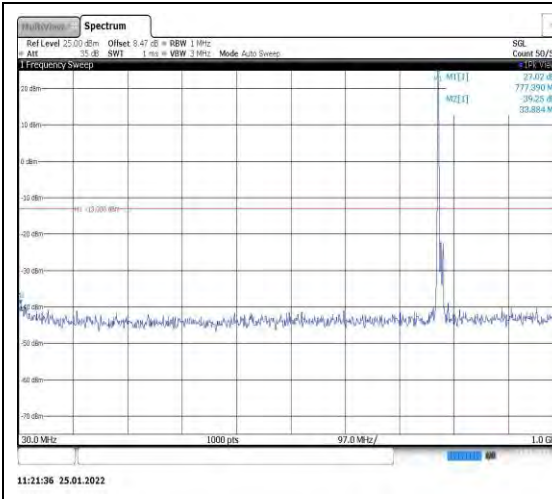
Band13-5MHz-QPSK-23255-1RB#0-Range  
4:793~805MHz



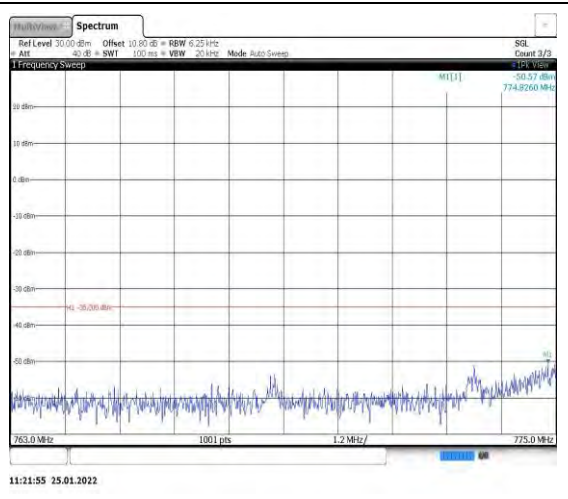
Band13-5MHz-QPSK-23255-1RB#0-Range2:1  
000~10000MHz



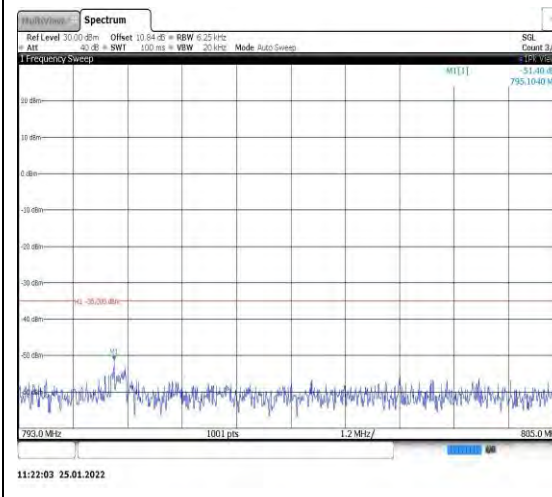
Band13-5MHz-QPSK-23255-1RB#0-Range5:1559~1610MHz



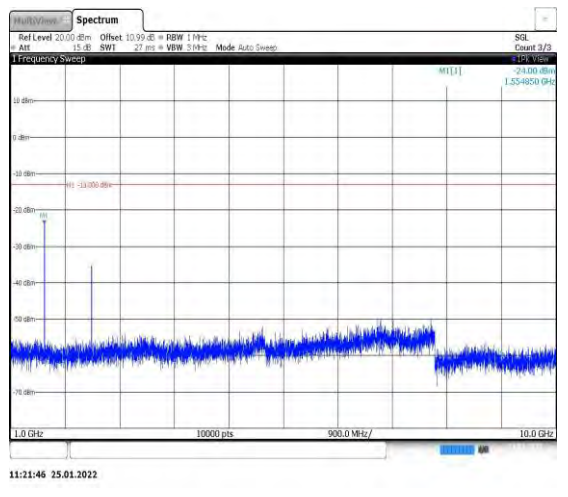
Band13-10MHz-QPSK-23230-1RB#0-Rang  
e1:30~1000MHz



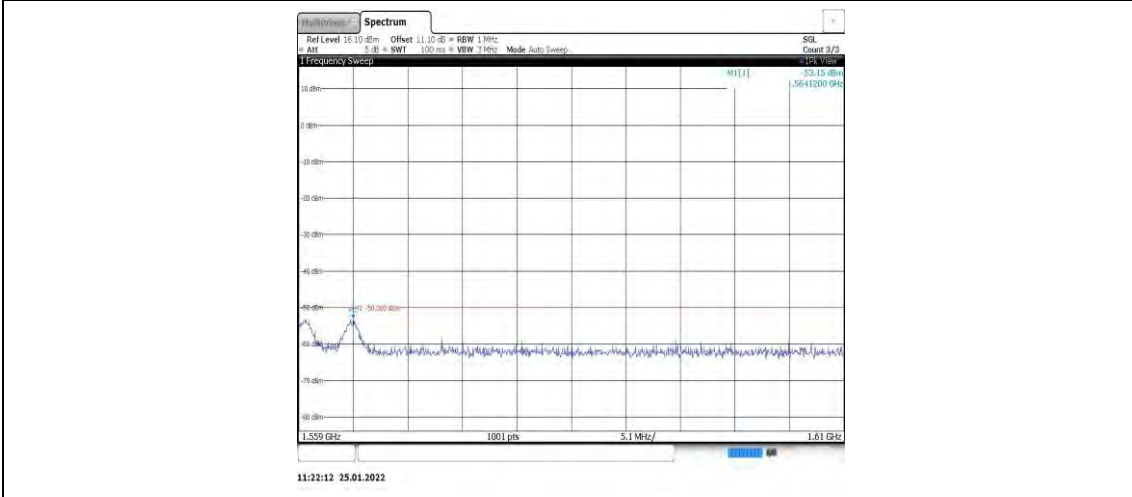
Band13-10MHz-QPSK-23230-1RB#0-Range3:  
763~775MHz



Band13-10MHz-QPSK-23230-1RB#0-Rang  
e4:793~805MHz

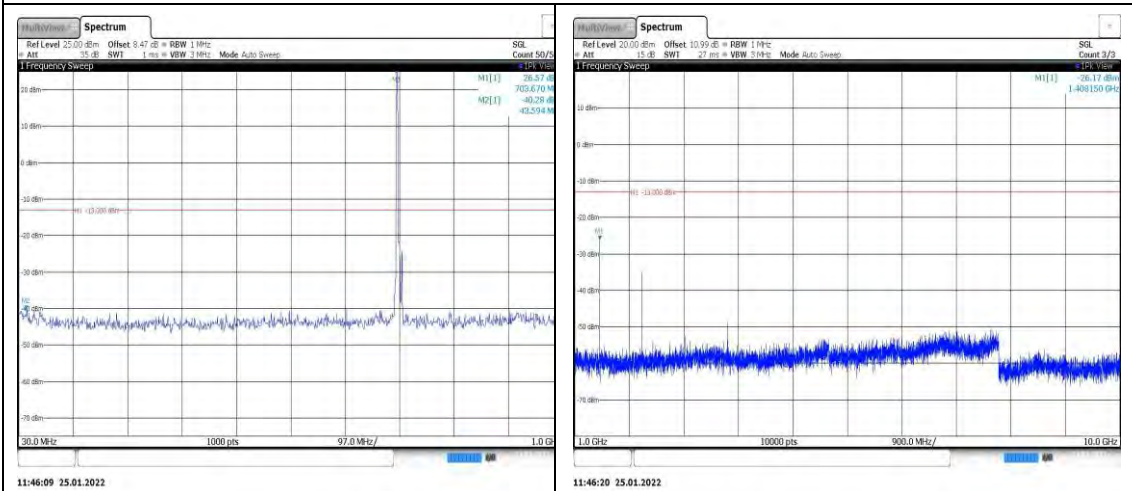


Band13-10MHz-QPSK-23230-1RB#0-Range2:  
1000~10000MHz



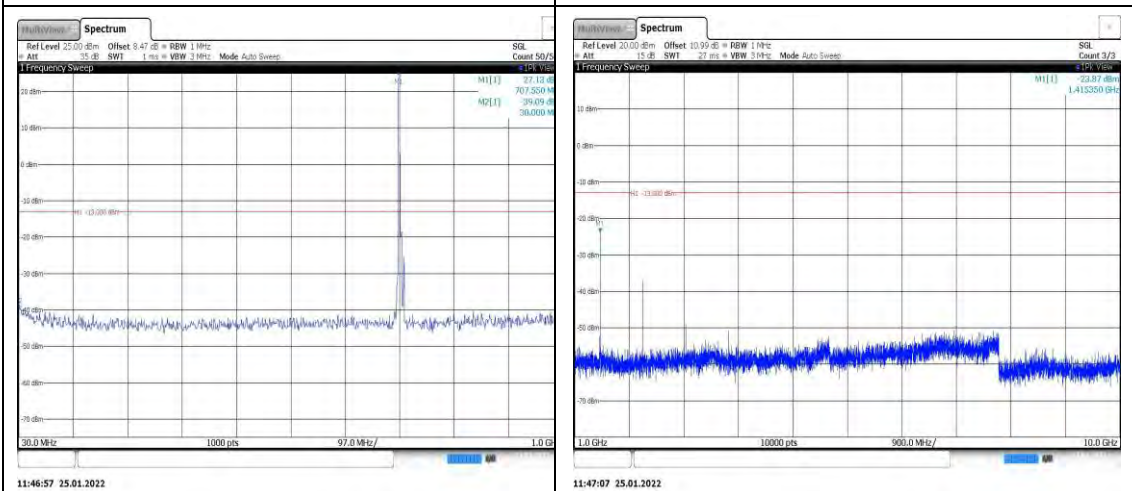
Band13-10MHz-QPSK-23230-1RB#0-Range5:1559~1610MHz

## LTE Band 17



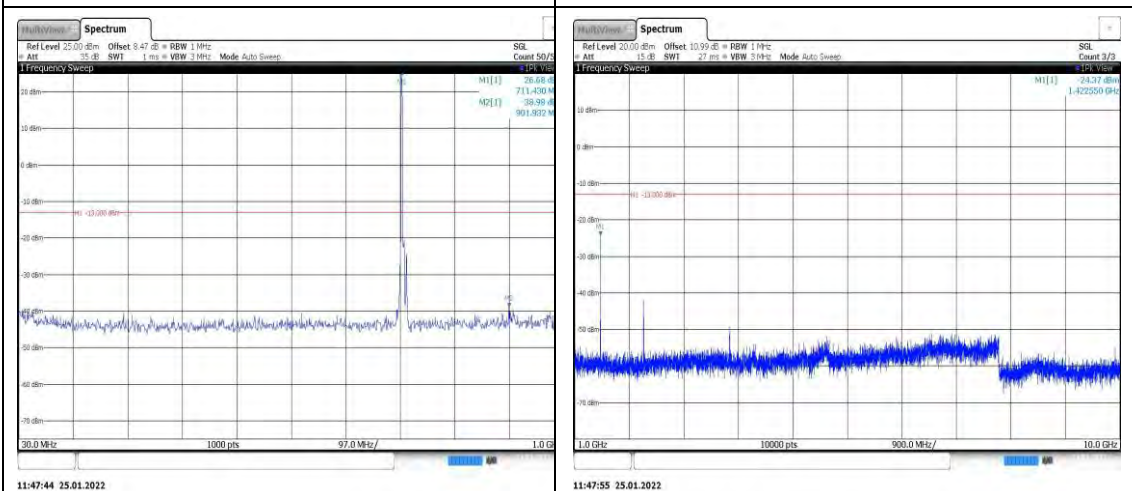
**Band17-5MHz-QPSK-23755-1RB#0-Range  
1:30~1000MHz**

**Band17-5MHz-QPSK-23755-1RB#0-Range2:1  
000~10000MHz**



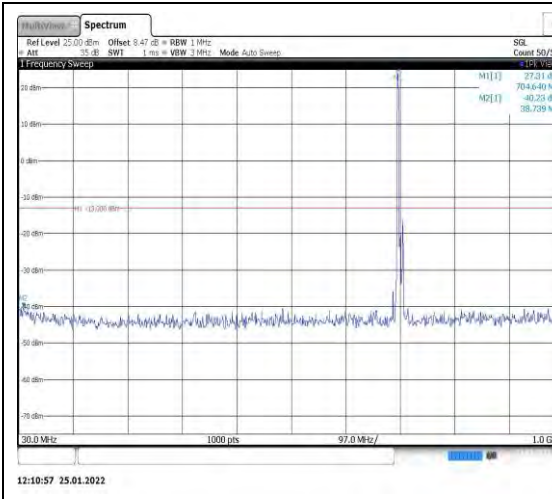
**Band17-5MHz-QPSK-23790-1RB#0-Range  
1:30~1000MHz**

**Band17-5MHz-QPSK-23790-1RB#0-Range2:1  
000~10000MHz**

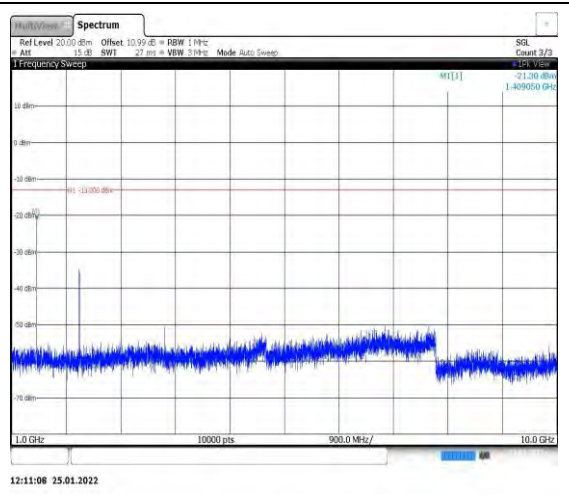


**Band17-5MHz-QPSK-23825-1RB#0-Range  
1:30~1000MHz**

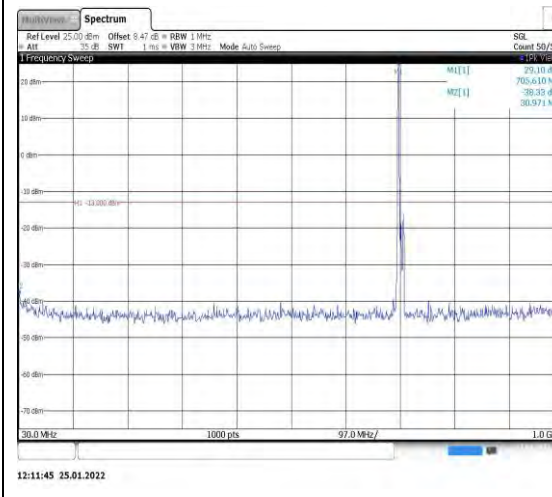
**Band17-5MHz-QPSK-23825-1RB#0-Range2:1  
000~10000MHz**



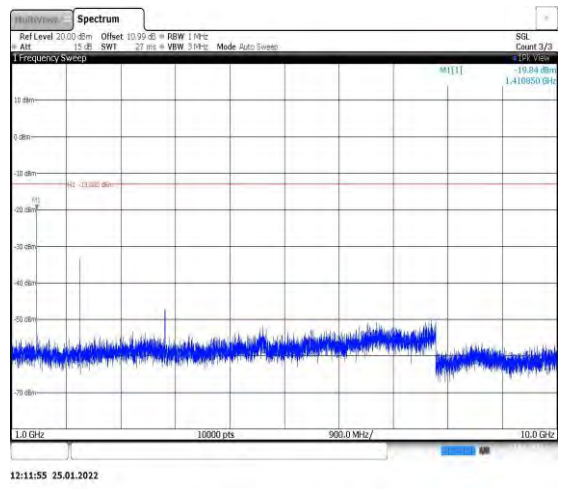
Band17-10MHz-QPSK-23780-1RB#0-Rang  
e1:30~1000MHz



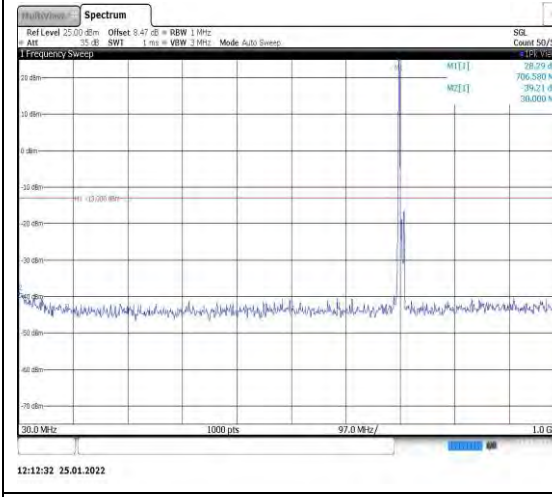
Band17-10MHz-QPSK-23780-1RB#0-Range2:  
1000~10000MHz



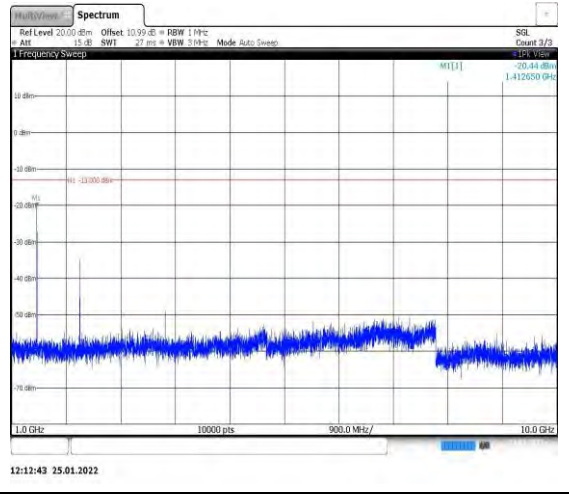
Band17-10MHz-QPSK-23790-1RB#0-Rang  
e1:30~1000MHz



Band17-10MHz-QPSK-23790-1RB#0-Range2:  
1000~10000MHz



Band17-10MHz-QPSK-23800-1RB#0-Rang  
e1:30~1000MHz



Band17-10MHz-QPSK-23800-1RB#0-Range2:  
1000~10000MHz

## Appendix E: Frequency Stability

### Test Result

LTE Band 2

Limit		1850	1910	Delta(Hz)	Frequency Stability (ppm)
Condition		F low@	F High@		
Temperature	Voltage	-13dBm(MHz)	-13dBm(MHz)		
Normal (20°C)	Normal	1870.33	1889.60		
Extreme (50°C)		1870.32	1889.60	-4.03	-0.002144
Extreme (40°C)		1870.33	1889.59	-4.99	-0.002654
Extreme (30°C)		1870.33	1889.60	-5.58	-0.002968
Extreme (10°C)		1870.33	1889.60	-5.09	-0.002707
Extreme (0°C)		1870.31	1889.60	-4.02	-0.002138
Extreme (-10°C)		1870.33	1889.60	-3.95	-0.002101
Extreme (-20°C)		1870.32	1889.59	-3.32	-0.001766
Extreme (-30°C)		1870.33	1889.60	-2.30	-0.001223
20°C		15%	1870.33	1889.60	-5.18
	-15%	1870.33	1889.60	-3.49	-0.001856
	End Point	1870.33	1889.60	-3.68	-0.001957

LTE Band 4

Limit		1710	1755	Delta(Hz)	Frequency Stability (ppm)
Condition		F low@	F High@		
Temperature	Voltage	-13dBm(MHz)	-13dBm(MHz)		
Normal (20°C)	Normal	1722.83	1742.09		
Extreme (50°C)		1722.83	1742.09	-2.50	-0.001443
Extreme (40°C)		1722.83	1742.09	-3.56	-0.002055
Extreme (30°C)		1722.83	1742.09	-3.81	-0.002199
Extreme (10°C)		1722.83	1742.09	-2.42	-0.001397
Extreme (0°C)		1722.83	1742.09	-3.82	-0.002205
Extreme (-10°C)		1722.83	1742.09	-5.59	-0.003227
Extreme (-20°C)		1722.83	1742.09	-6.64	-0.003833
Extreme (-30°C)		1722.83	1742.09	-8.84	-0.005102
20°C		15%	1722.83	1742.09	-12.32
	-15%	1722.83	1742.09	-10.47	-0.006043
	End Point	1722.83	1742.09	-8.17	-0.004716

LTE Band 5

Limit		824	849	Delta(Hz)	Frequency Stability (ppm)
Condition		F low@	F High@		
Temperature	Voltage	-13dBm(MHz)	-13dBm(MHz)		
Normal (20°C)	Normal	831.73	841.26		
Extreme (50°C)		831.73	841.26	-1.96	-0.002343
Extreme (40°C)		831.73	841.26	-2.78	-0.003323
Extreme (30°C)		831.73	841.26	-2.62	-0.003132
Extreme (10°C)		831.73	841.26	-2.79	-0.003335
Extreme (0°C)		831.73	841.26	-1.80	-0.002152
Extreme (-10°C)		831.73	841.26	-2.36	-0.002821
Extreme (-20°C)		831.73	841.26	-3.16	-0.003778
Extreme (-30°C)		831.73	841.26	-2.56	-0.003060
20°C		15%	831.73	841.26	-5.51
	-15%	831.73	841.26	-9.86	-0.011787
	End Point	831.73	841.26	-5.15	-0.006157

LTE Band 12

Limit		699	716	Delta(Hz)	Frequency Stability (ppm)
Condition		F low@	F High@		
Temperature	Voltage	-13dBm(MHz)	-13dBm(MHz)		
Normal (20°C)	Normal	702.73	712.26		
Extreme (50°C)		702.73	712.26	-2.02	-0.002855
Extreme (40°C)		702.73	712.26	-1.73	-0.002445
Extreme (30°C)		702.73	712.26	-2.75	-0.003887
Extreme (10°C)		702.73	712.26	-2.13	-0.003011
Extreme (0°C)		702.73	712.26	-2.37	-0.003350
Extreme (-10°C)		702.73	712.26	-2.17	-0.003067
Extreme (-20°C)		702.73	712.26	-1.67	-0.002360
Extreme (-30°C)		702.73	712.26	1.59	0.002247
20°C	15%	702.73	712.26	1.93	0.002728
	-15%	702.73	712.26	7.98	0.011279
	End Point	702.73	712.26	16.99	0.024014



LTE Band 13

Limit		777	787	Delta(Hz)	Frequency Stability (ppm)
Condition		F low@	F High@		
Temperature	Voltage	-13dBm(MHz)	-13dBm(MHz)		
Normal (20°C)	Normal	777.23	786.76		
Extreme (50°C)		777.23	786.76	4.85	0.006202
Extreme (40°C)		777.23	786.76	3.96	0.005064
Extreme (30°C)		777.23	786.76	2.92	0.003734
Extreme (10°C)		777.23	786.76	3.10	0.003964
Extreme (0°C)		777.23	786.76	1.75	0.002238
Extreme (-10°C)		777.23	786.76	2.47	0.003159
Extreme (-20°C)		777.23	786.76	1.46	0.001867
Extreme (-30°C)		777.23	786.76	2.68	0.003427
20°C	15%	777.23	786.76	-1.99	-0.002545
	-15%	777.23	786.76	-1.50	-0.001918
	End Point	777.23	786.76	-0.46	-0.000588

LTE Band 17

Limit		704	716	Delta(Hz)	Frequency Stability (ppm)
Condition		F low@	F High@		
Temperature	Voltage	-13dBm(MHz)	-13dBm(MHz)		
Normal (20°C)	Normal	705.23	714.76		
Extreme (50°C)		705.23	714.76	1.39	0.001958
Extreme (40°C)		705.23	714.76	0.76	0.001070
Extreme (30°C)		705.23	714.76	2.68	0.003775
Extreme (10°C)		705.23	714.76	5.55	0.007817
Extreme (0°C)		705.23	714.76	5.19	0.007310
Extreme (-10°C)		705.23	714.76	4.85	0.006831
Extreme (-20°C)		705.23	714.76	4.19	0.005901
Extreme (-30°C)		705.23	714.76	2.46	0.003465
20°C	15%	705.23	714.76	2.22	0.003127
	-15%	705.23	714.76	1.83	0.002577
	End Point	705.23	714.76	1.77	0.002493