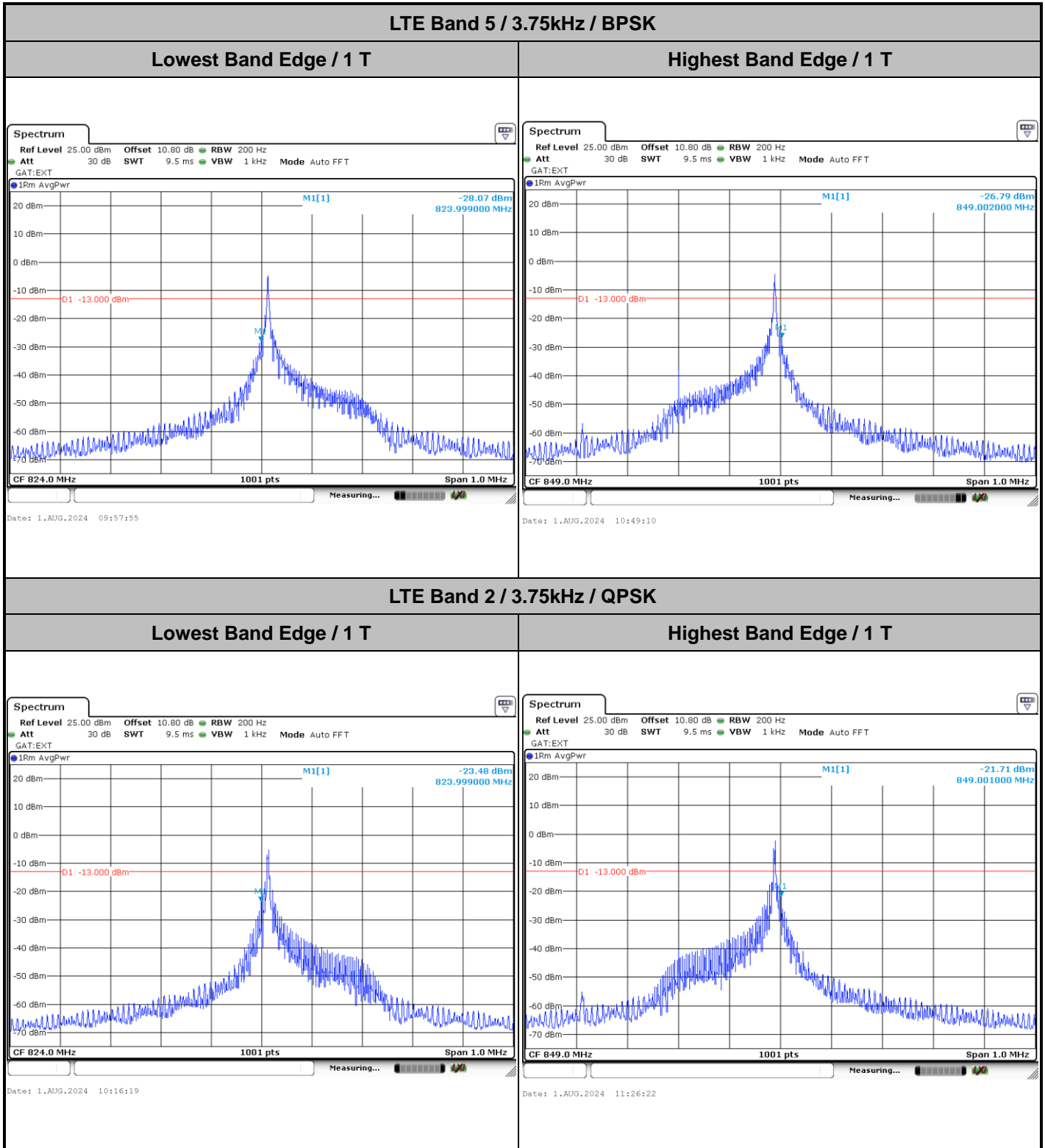




# Conducted Band Edge

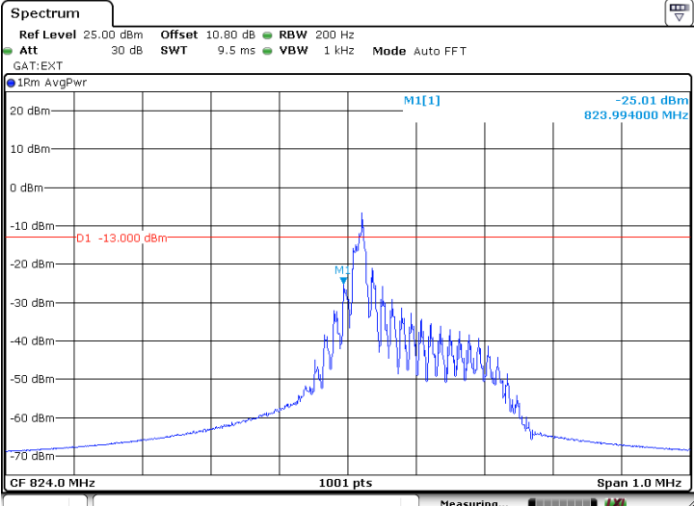




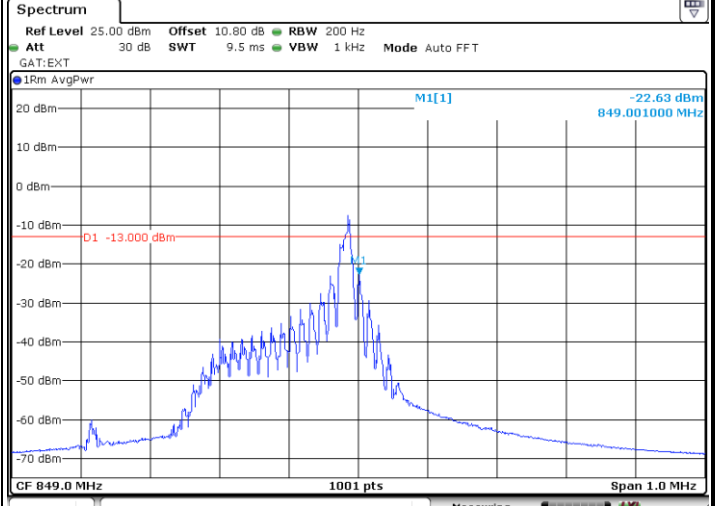
LTE Band 2 / 15kHz / BPSK

Lowest Band Edge / 1 T

Highest Band Edge / 1 T



Date: 1.AUG.2024 13:48:50

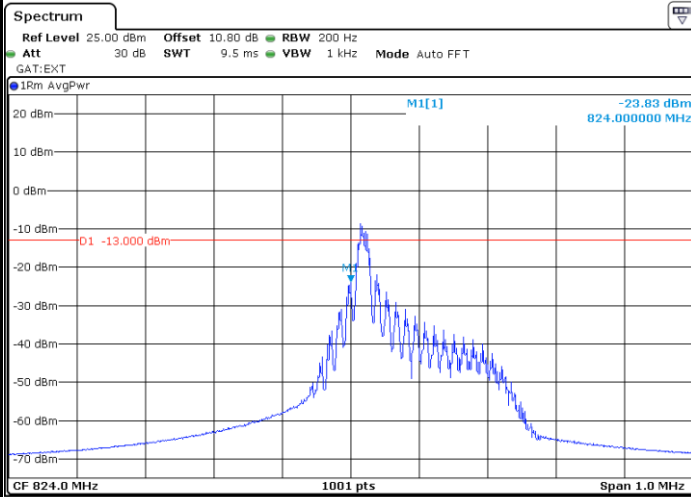


Date: 1.AUG.2024 13:50:31



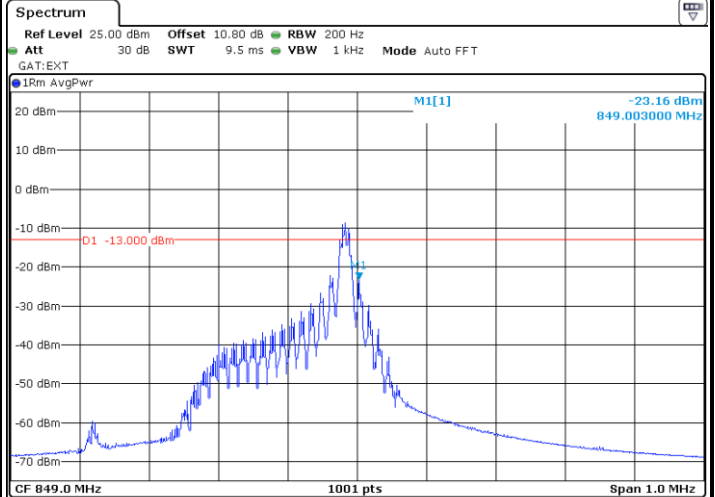
LTE Band 5 / 15kHz / QPSK

Lowest Band Edge / 1 T



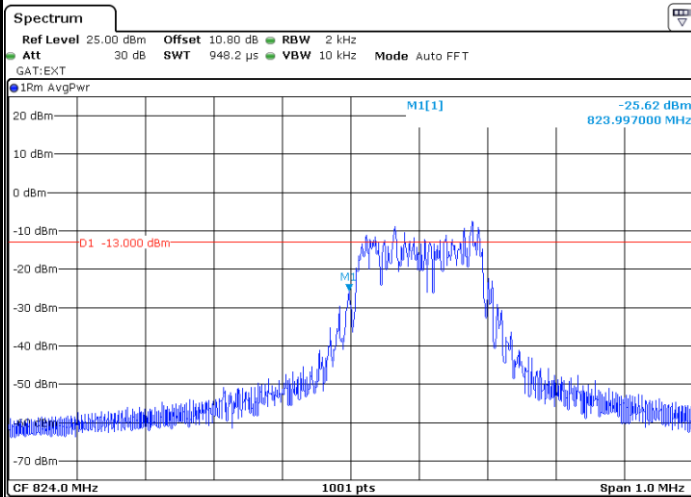
Date: 1.AUG.2024 13:47:08

Highest Band Edge / 1 T



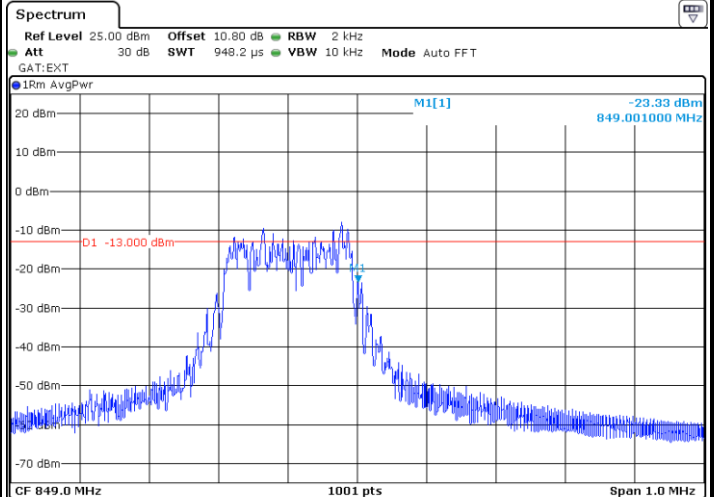
Date: 1.AUG.2024 13:56:40

Lowest Band Edge / Full T



Date: 1.AUG.2024 16:12:00

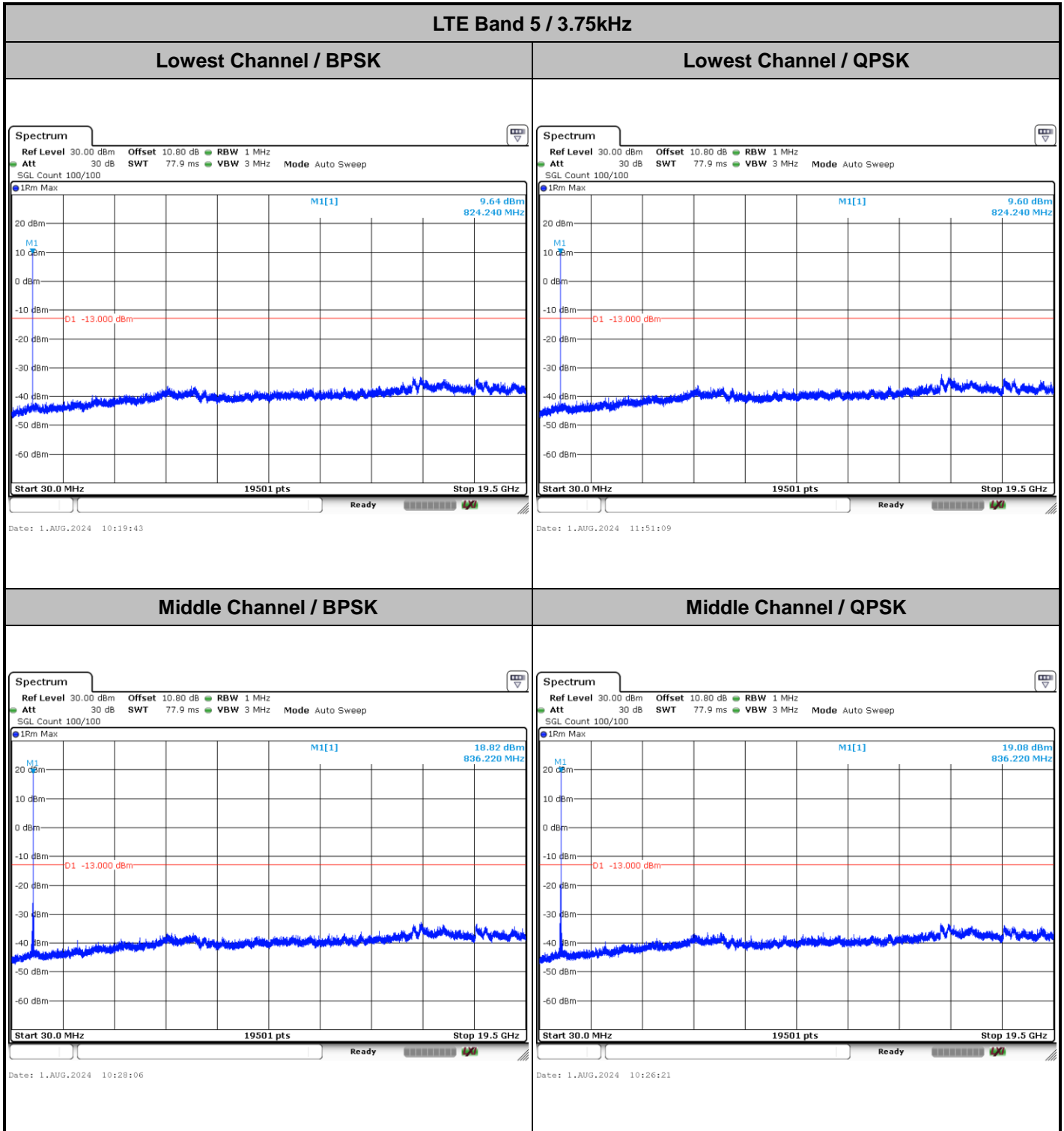
Highest Band Edge / Full T

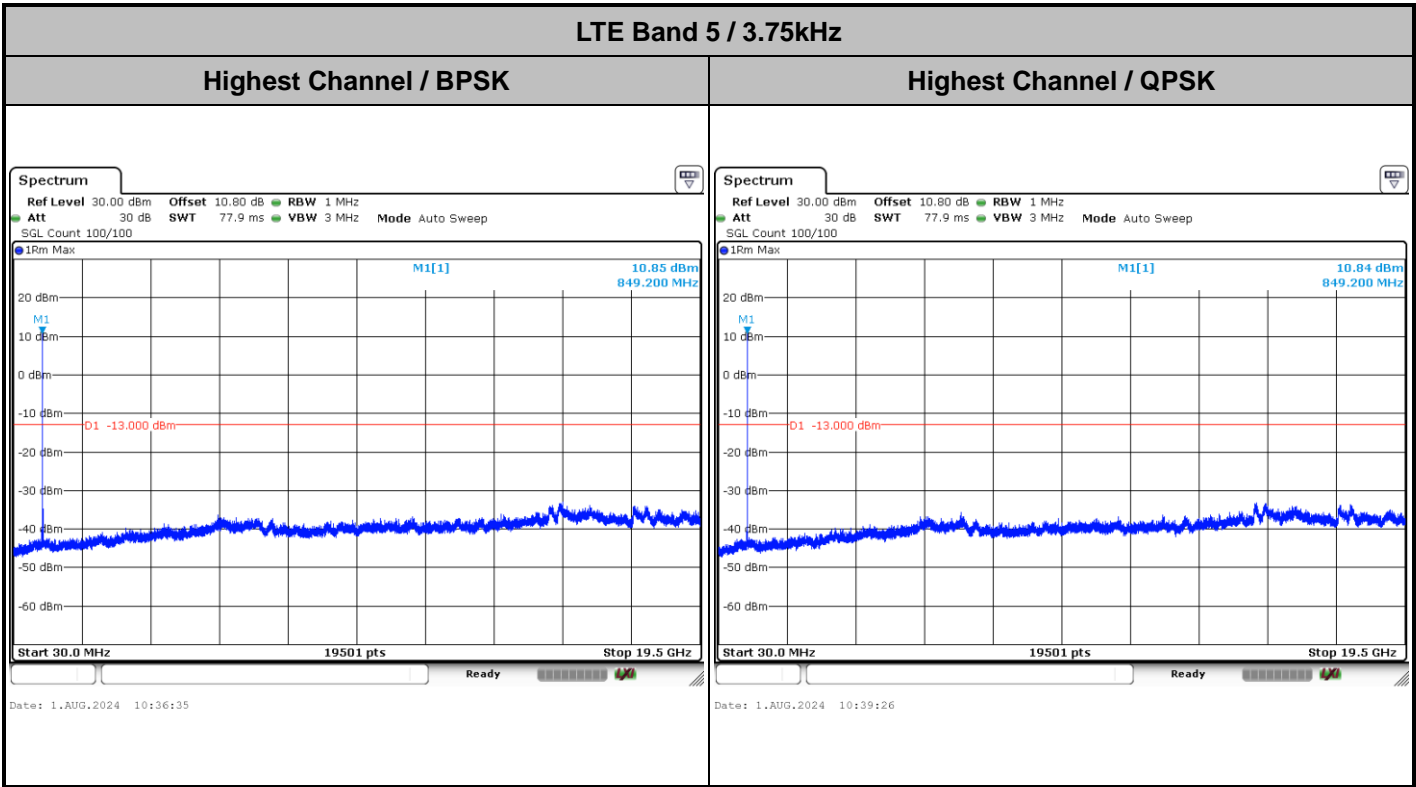


Date: 1.AUG.2024 16:14:34



# Conducted Spurious Emission



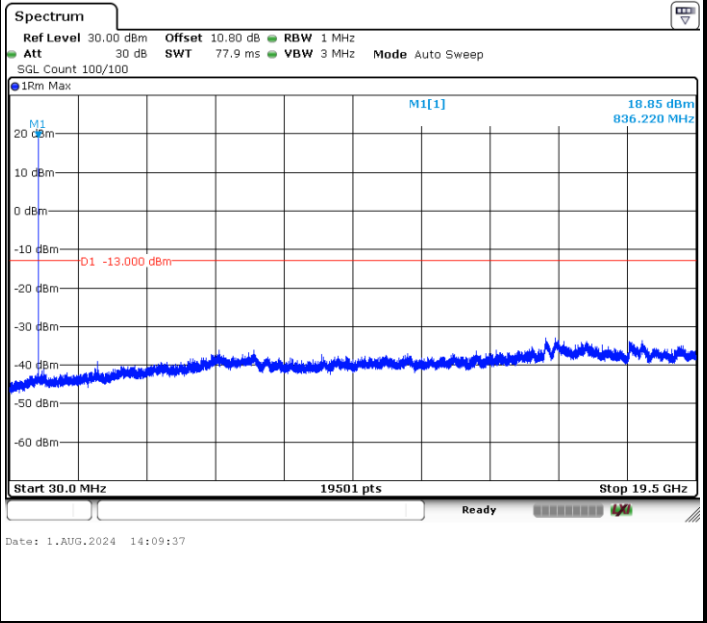
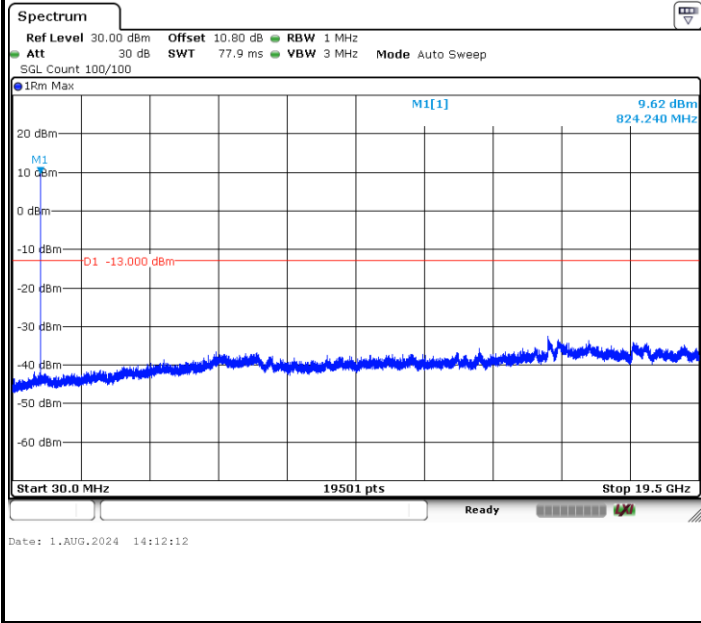




LTE Band 5 / 15kHz

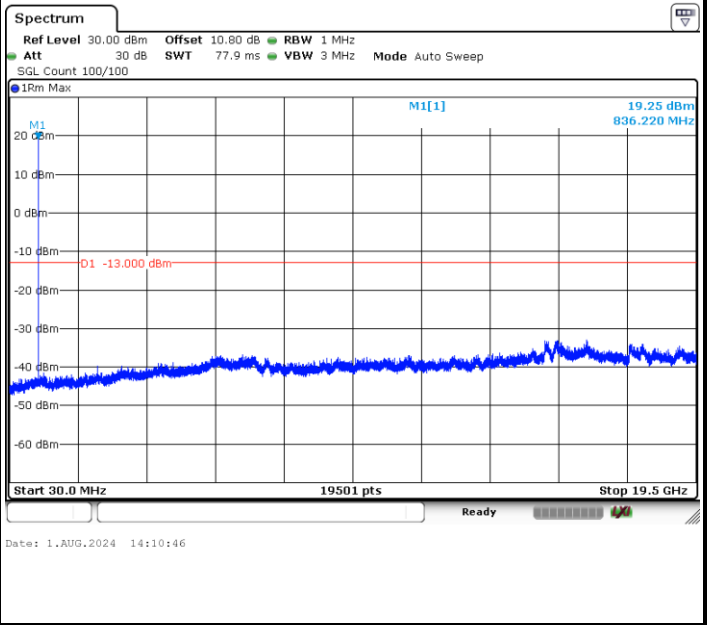
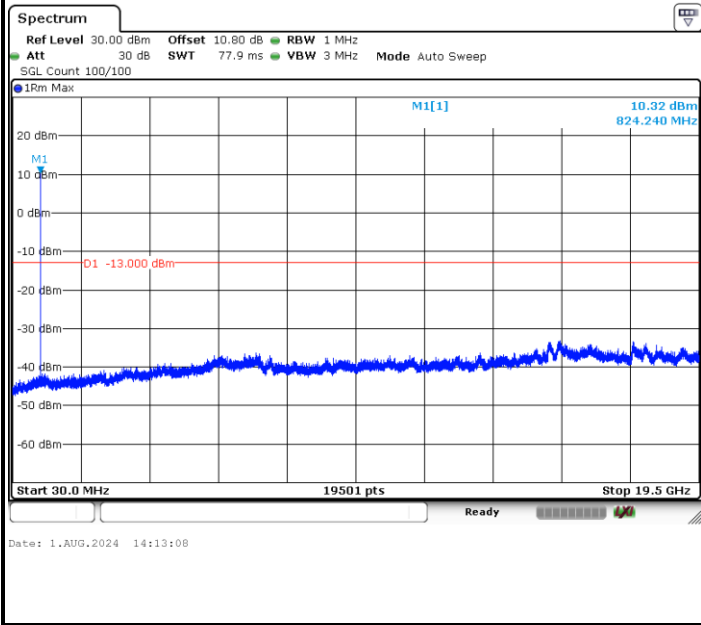
Lowest Channel / BPSK

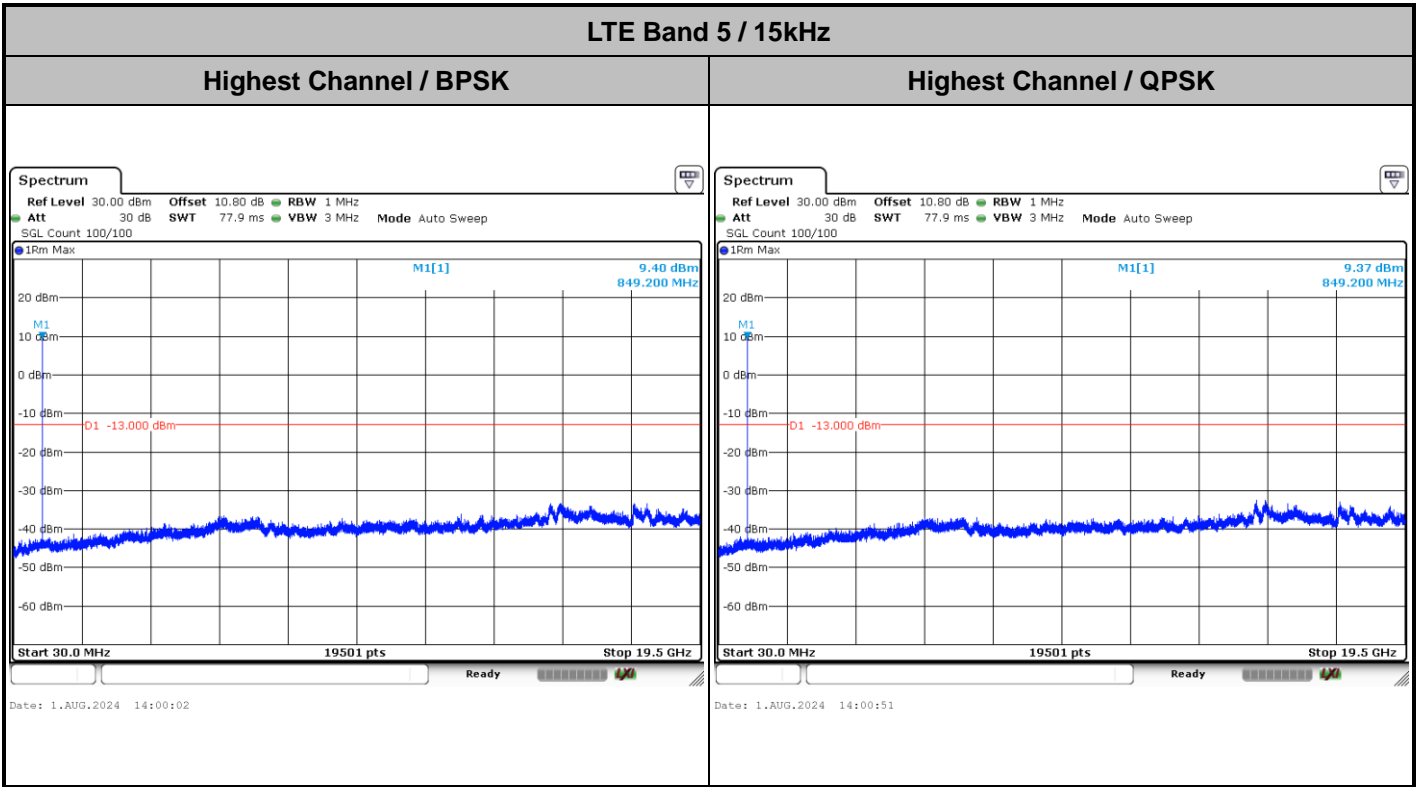
Lowest Channel / QPSK



Middle Channel / BPSK

Middle Channel / QPSK







### Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15kHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0213	PASS
40	Normal Voltage	0.0165	
30	Normal Voltage	0.0166	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0051	
0	Normal Voltage	0.0189	
-10	Normal Voltage	0.0169	
-20	Normal Voltage	0.0136	
-30	Normal Voltage	0.0189	
20	Maximum Voltage	0.0196	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0178	

**Note:** Normal Voltage = 110 V. ; Minimum Voltage = 90 V. ; Maximum Voltage = 264 V.





# LTE Band 13

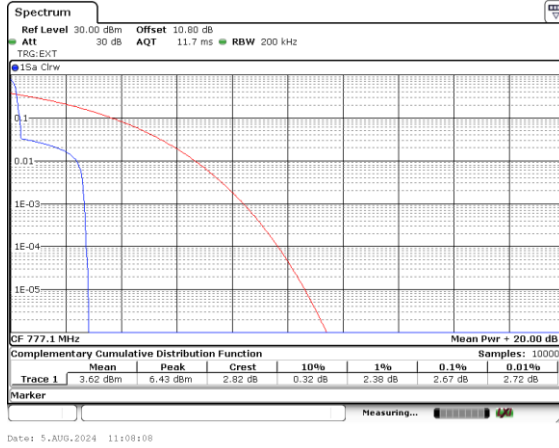
## Peak-to-Average Ratio

Mode	LTE Band 13 / 15kHz			
Mod.	BPSK	QPSK		Limit: 13dB
T Size	1T	1T	Full T	Result
Lowest CH	2.67	2.12	4.14	PASS
Middle CH	2.61	2.03	3.97	
Highest CH	2.7	2.12	4.14	

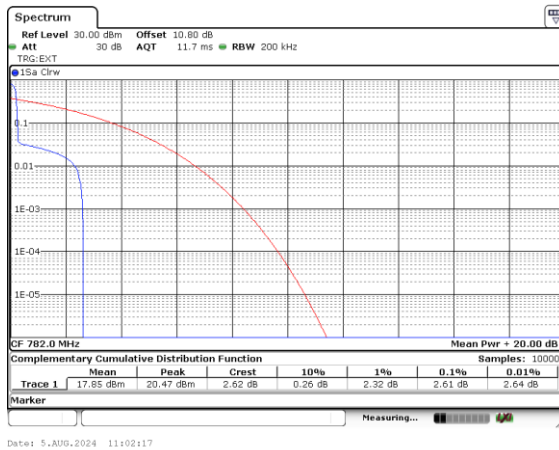


LTE Band 13 / 15kHz / BPSK

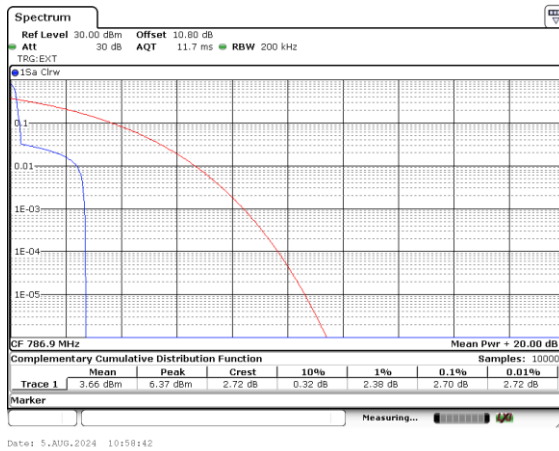
Lowest Channel / 1T



Middle Channel/ 1T



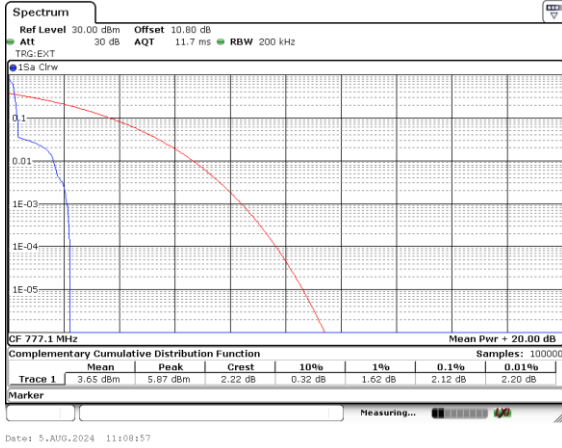
Highest Channel/ 1T



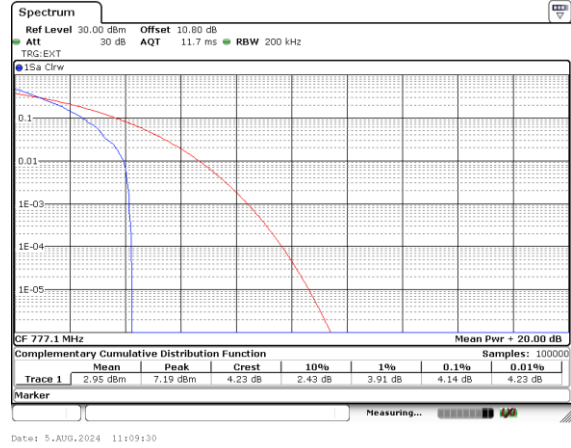


LTE Band 13 / 10MHz / QPSK

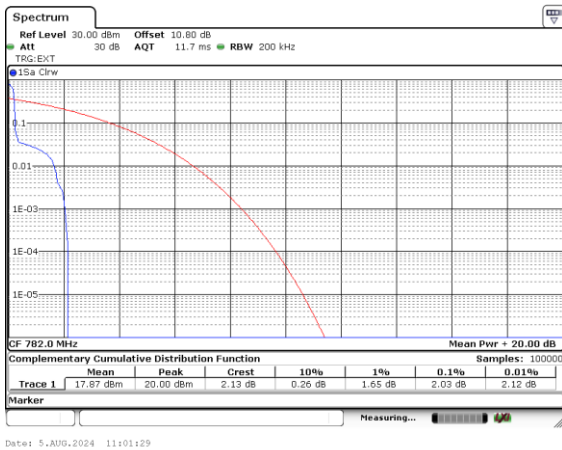
Lowest Channel / 1T



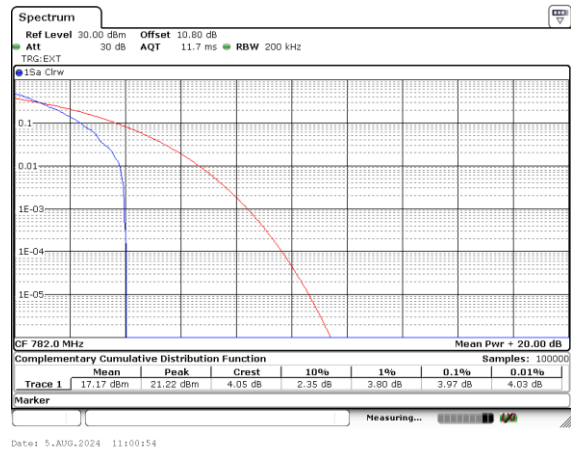
Lowest Channel / Full T



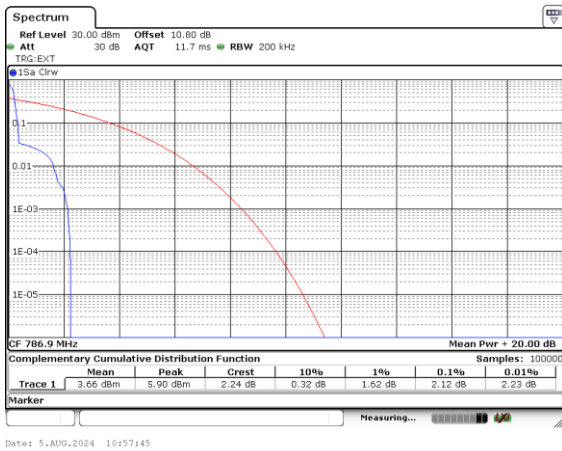
Middle Channel/ 1T



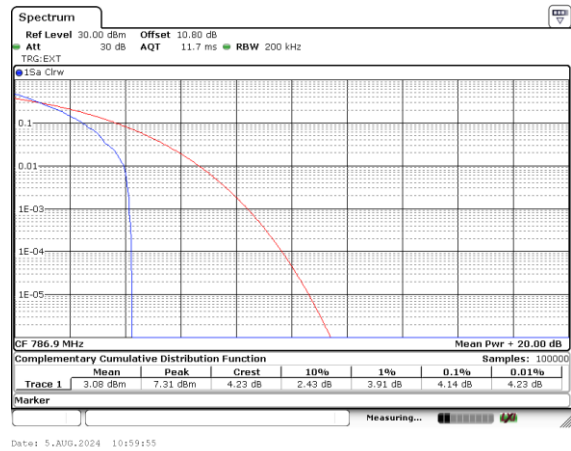
Middle Channel / Full T



Highest Channel/ 1T



Highest Channel / Full T





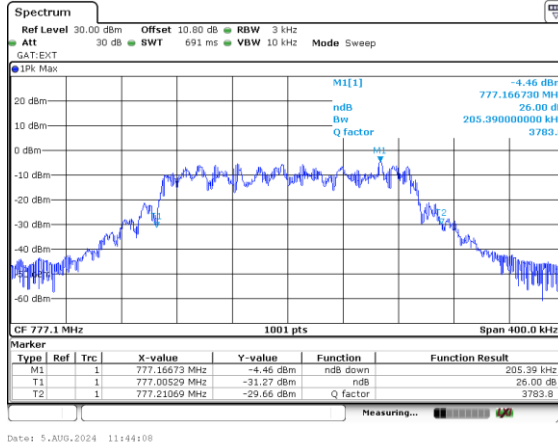
**26dB Bandwidth**

Mode	LTE Band 13 : 26dB(kHz)
Subcarrier Spacing	15k
Mod.	QPSK
Lowest CH	205.39
Middle CH	216.58
Highest CH	204.6



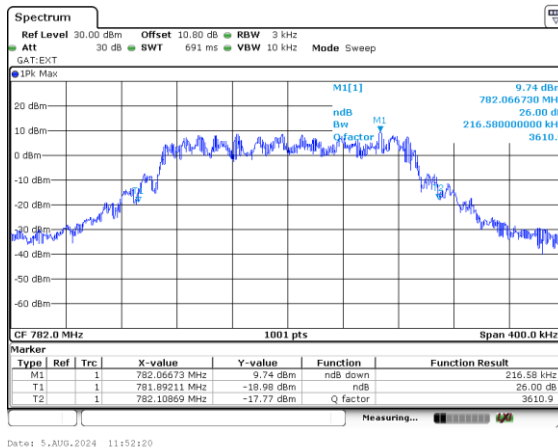
LTE Band 13

Lowest Channel / 15kHz / QPSK



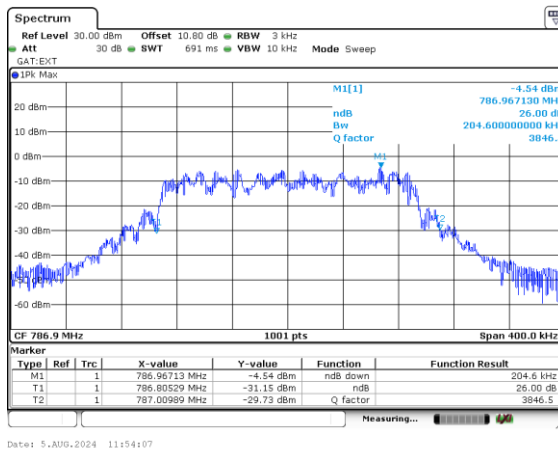
Date: 5.AUG.2024 11:44:08

Middle Channel / 15kHz / QPSK



Date: 5.AUG.2024 11:52:20

Highest Channel / 15kHz / QPSK



Date: 5.AUG.2024 11:54:07



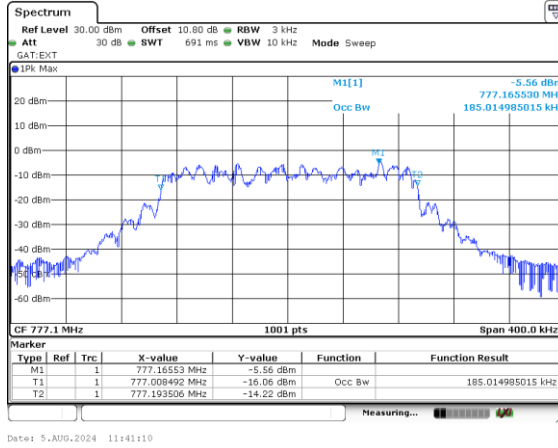
**Occupied Bandwidth**

Mode	LTE Band 13 : OB(kHz)
Subcarrier Spacing	15k
Mod.	QPSK
Lowest CH	185.01
Middle CH	184.22
Highest CH	185.01



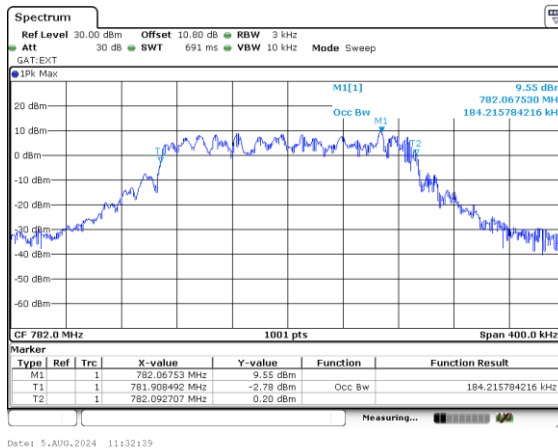
LTE Band 13

Lowest Channel / 15kHz / QPSK



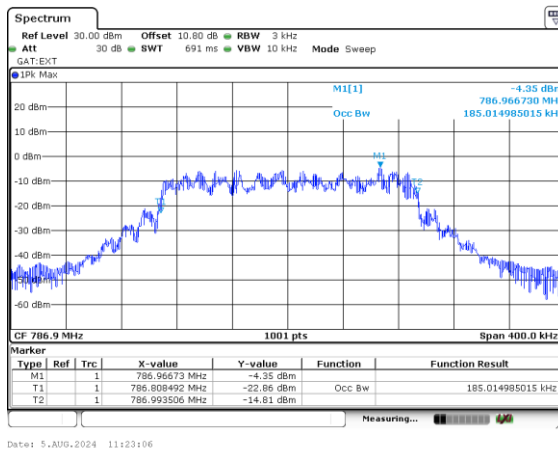
Date: 5.AUG.2024 11:41:10

Middle Channel / 15kHz / QPSK



Date: 5.AUG.2024 11:32:39

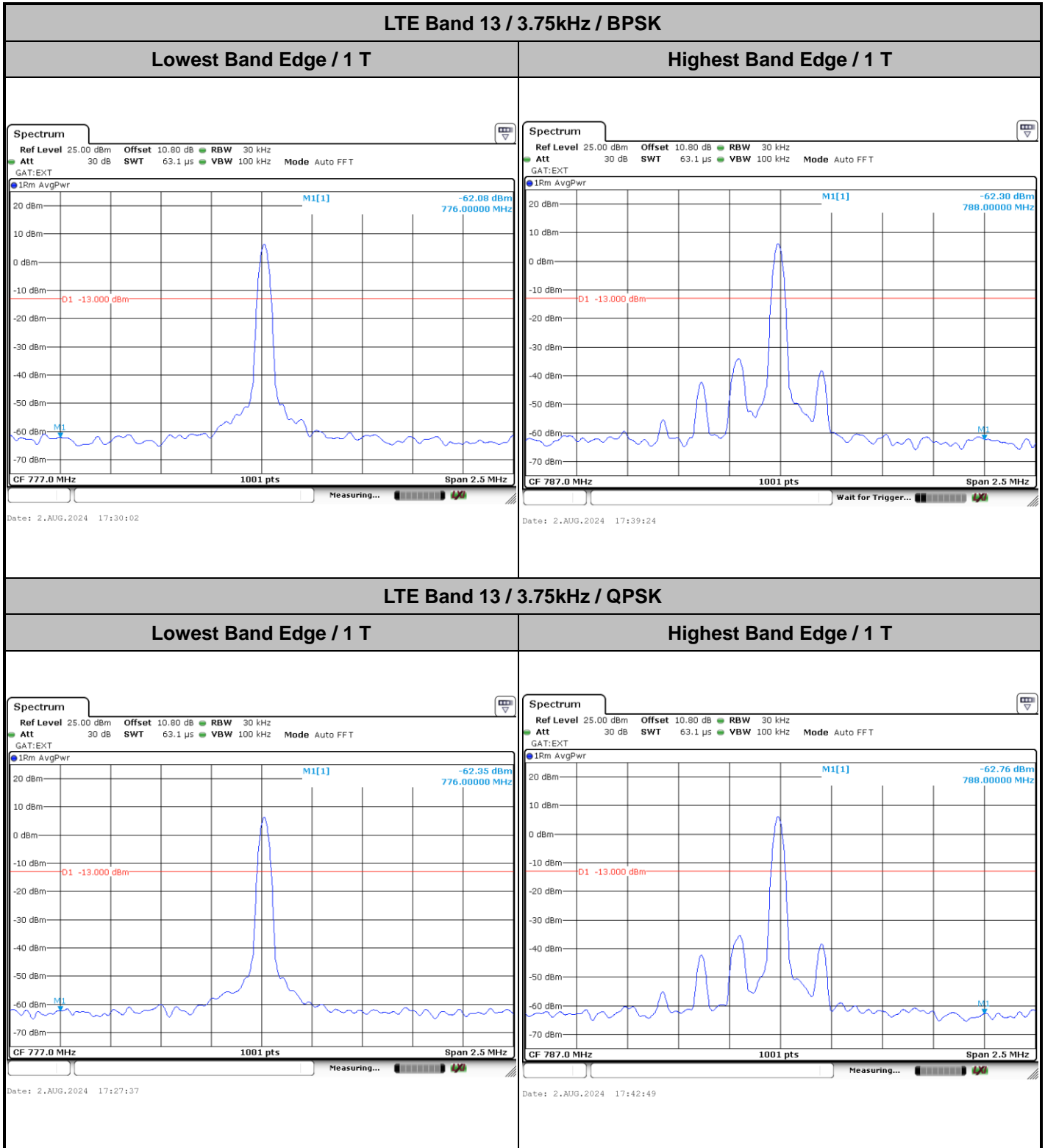
Highest Channel / 15kHz / QPSK



Date: 5.AUG.2024 11:23:06



# Conducted Band Edge



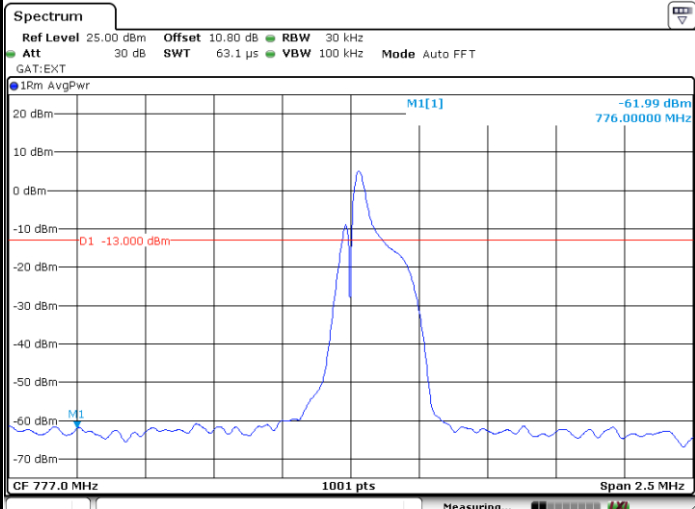




LTE Band 13 / 15kHz / BPSK

Lowest Band Edge / 1 T

Highest Band Edge / 1 T



Date: 5.AUG.2024 10:25:31

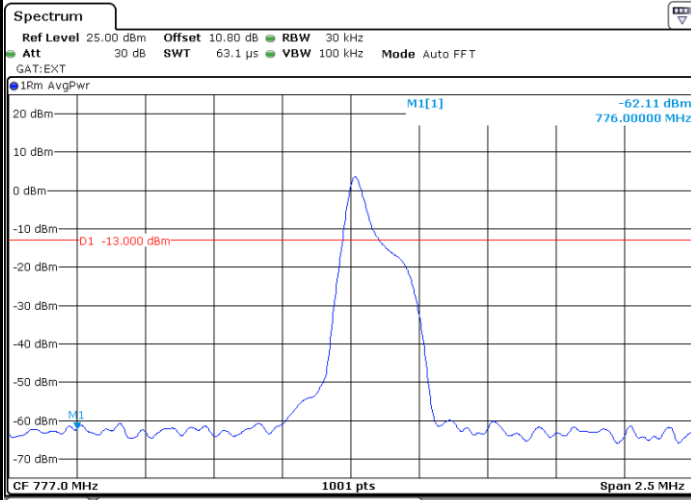


Date: 5.AUG.2024 09:43:26



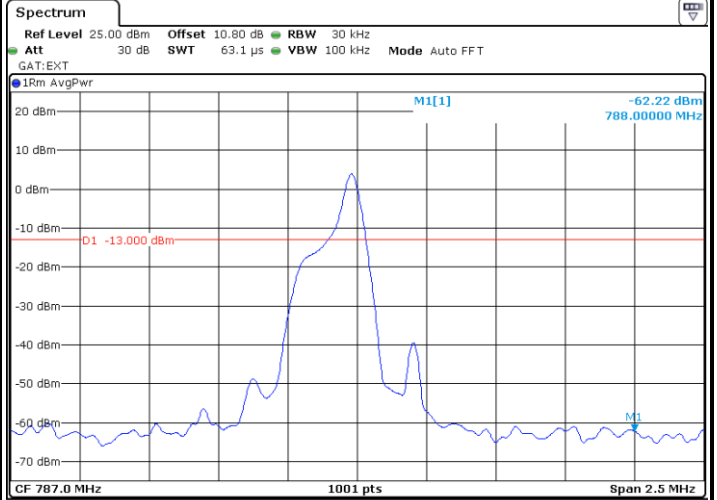
LTE Band 13 / 15kHz / QPSK

Lowest Band Edge / 1 T



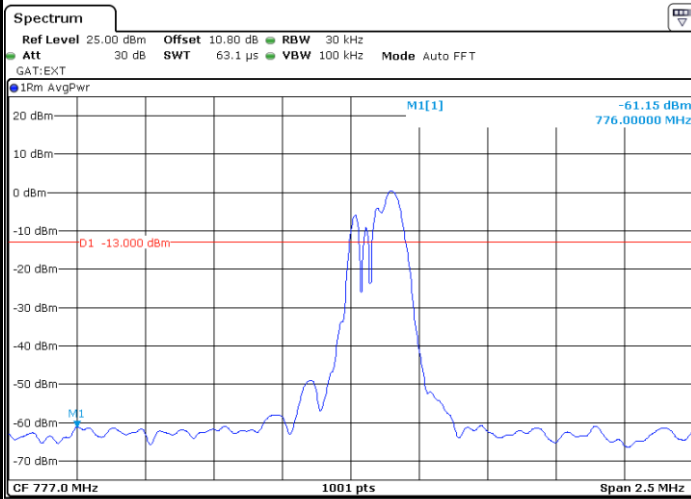
Date: 5.AUG.2024 09:47:52

Highest Band Edge / 1 T



Date: 5.AUG.2024 09:43:59

Lowest Band Edge / Full T



Date: 5.AUG.2024 11:11:06

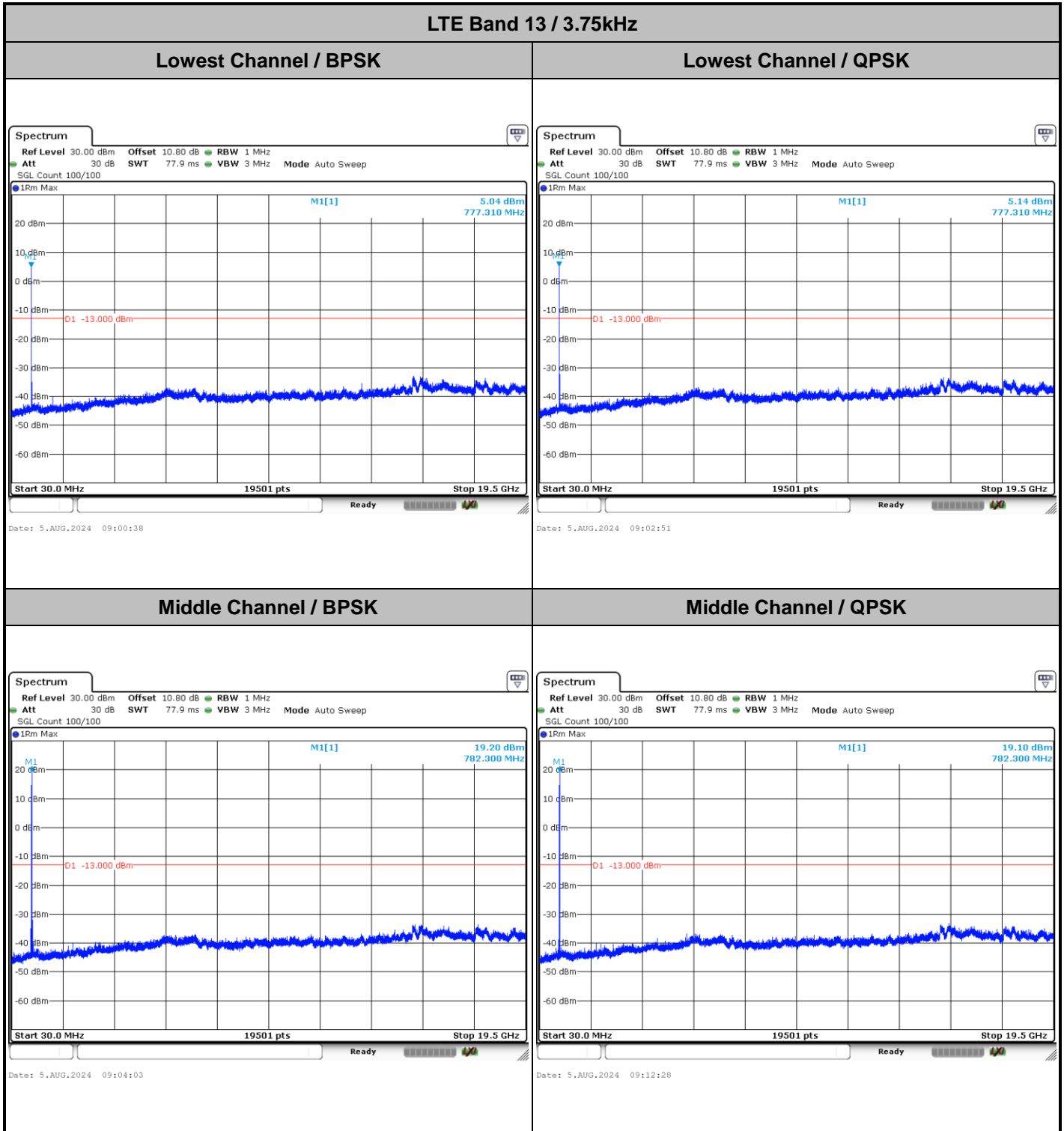
Highest Band Edge / Full T

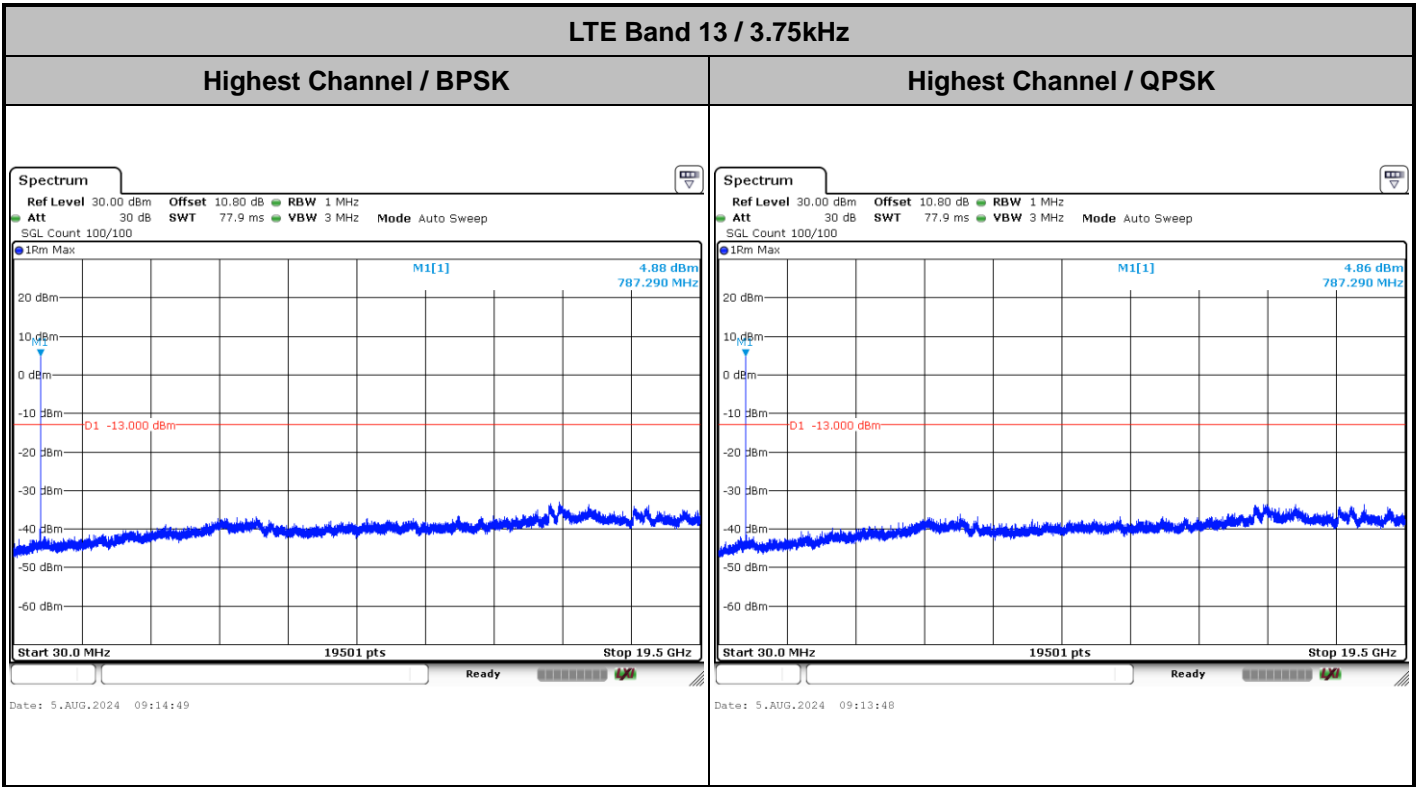


Date: 5.AUG.2024 11:12:12



# Conducted Spurious Emission



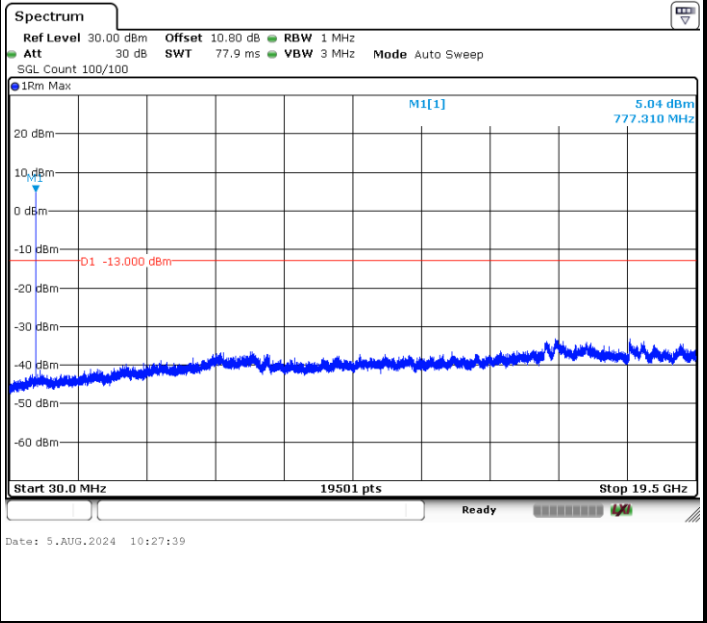
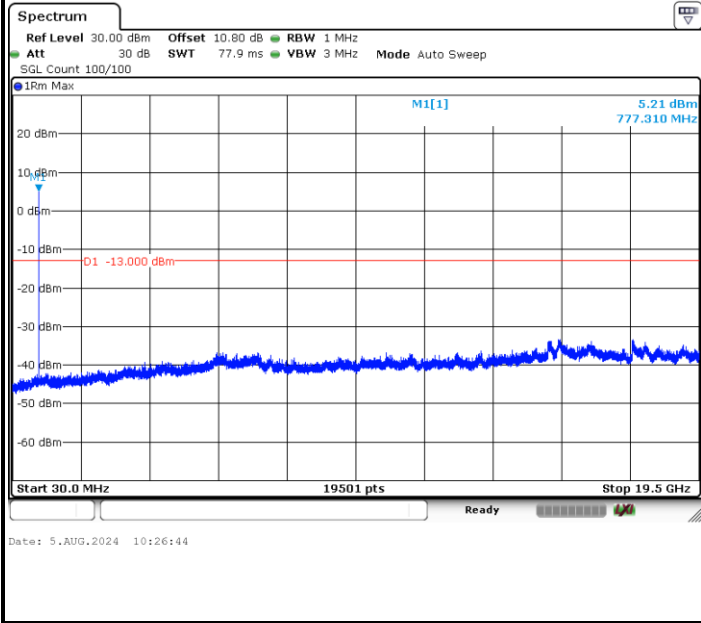




LTE Band 13 / 15kHz

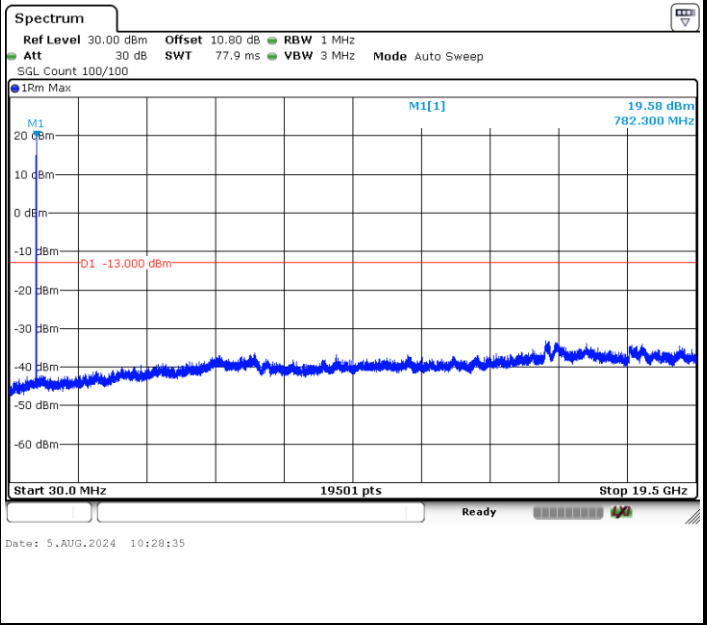
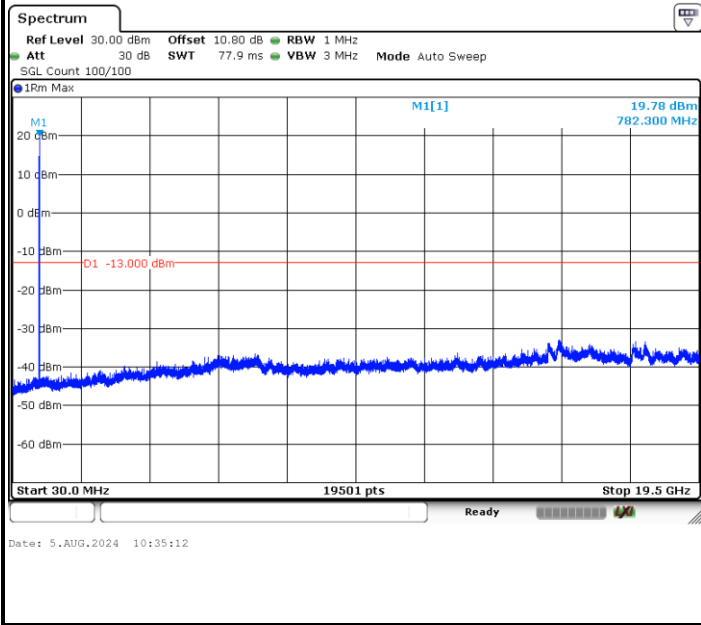
Lowest Channel / BPSK

Lowest Channel / QPSK



Middle Channel / BPSK

Middle Channel / QPSK

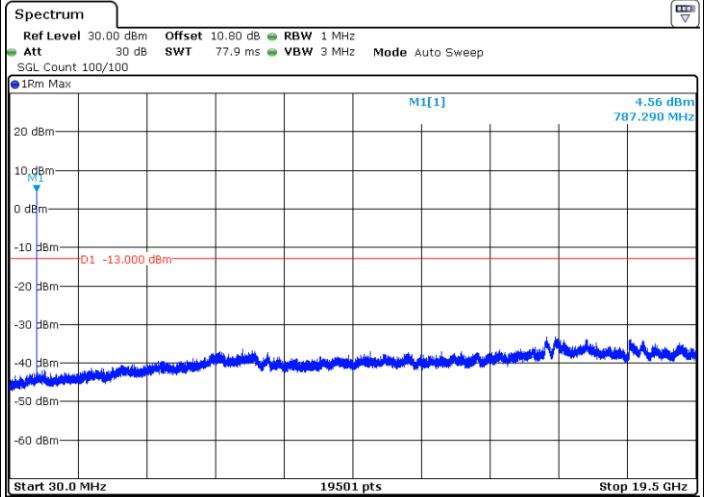
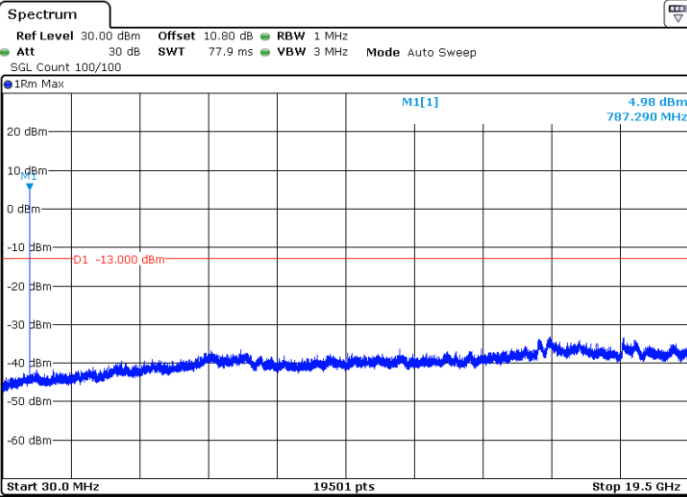




LTE Band 13 / 15kHz

Highest Channel / BPSK

Highest Channel / QPSK



Date: 5.AUG.2024 10:37:52

Date: 5.AUG.2024 10:40:17



Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15kHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0262	PASS
40	Normal Voltage	0.0212	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0206	
0	Normal Voltage	0.0090	
-10	Normal Voltage	0.0201	
-20	Normal Voltage	0.0060	
-30	Normal Voltage	0.0205	
20	Maximum Voltage	0.0042	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0043	

Note:

1. Normal Voltage = 110 V. ; Minimum Voltage = 90 V. ; Maximum Voltage = 264 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 26 (Part 22H)

### Peak-to-Average Ratio

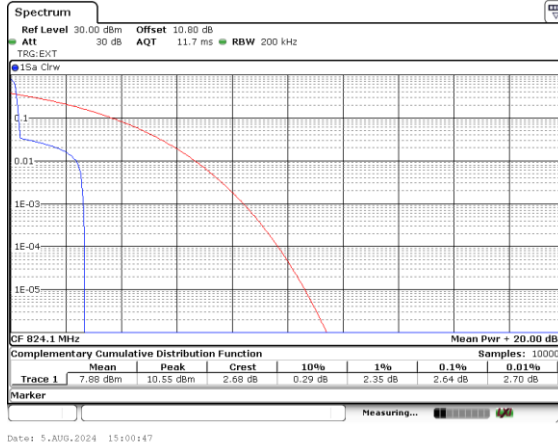
Mode	LTE Band 26 / 15kHz			
Mod.	BPSK	QPSK		Limit: 13dB
T Size	1T	1T	Full T	Result
Lowest CH	2.64	2.09	4.09	PASS
Middle CH	2.49	2.03	3.97	
Highest CH	2.64	2.09	4.09	



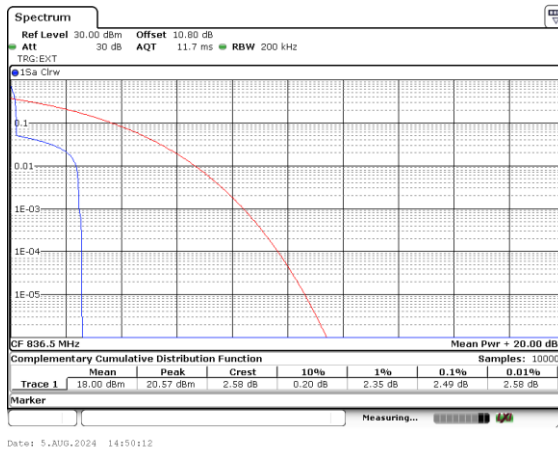


LTE Band 26 / 15kHz / BPSK

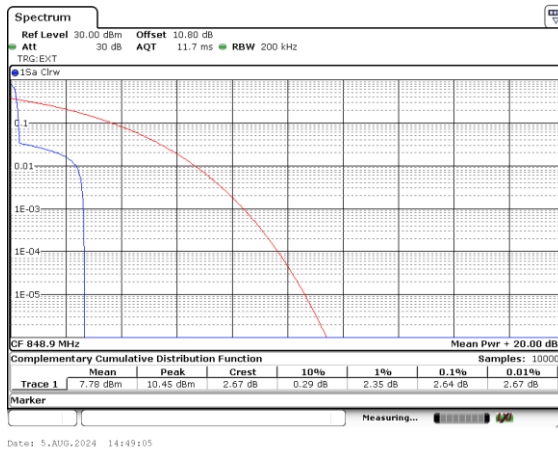
Lowest Channel / 1T



Middle Channel / 1T



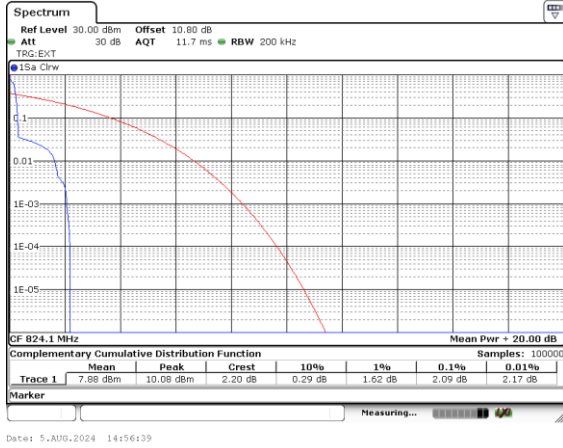
Highest Channel / 1T



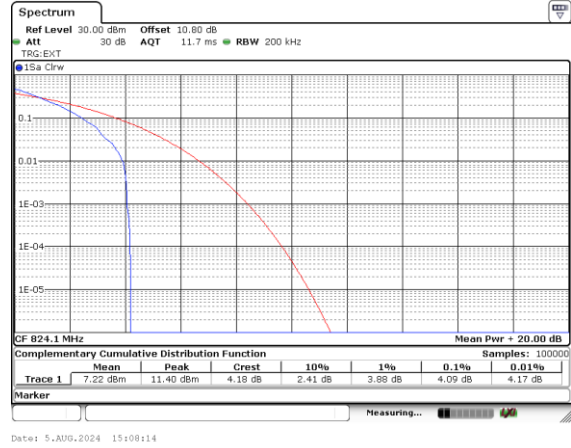


LTE Band 26 / 15kHz / QPSK

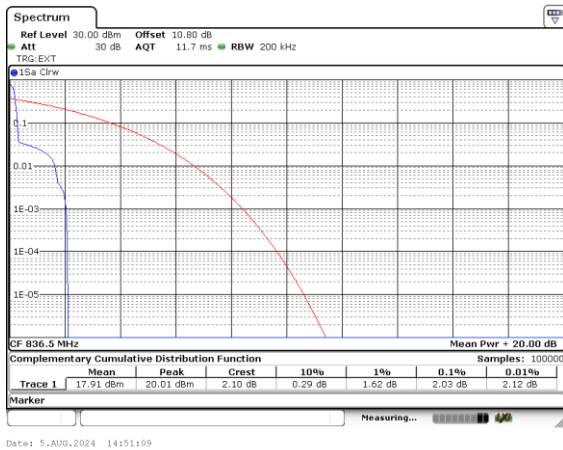
Lowest Channel / 1T



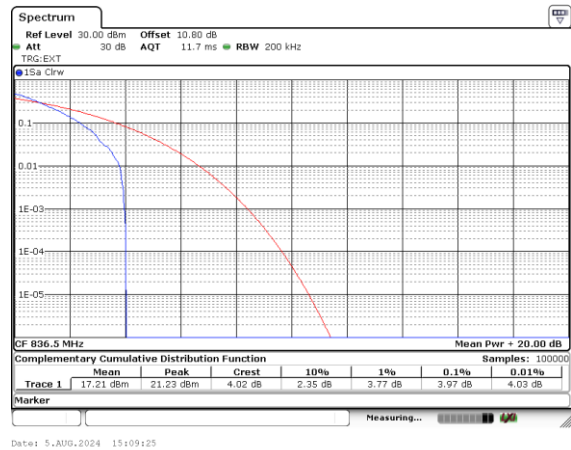
Lowest Channel / Full T



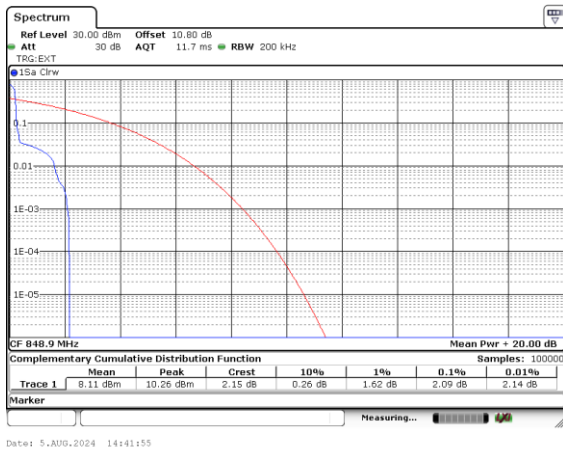
Middle Channel/ 1T



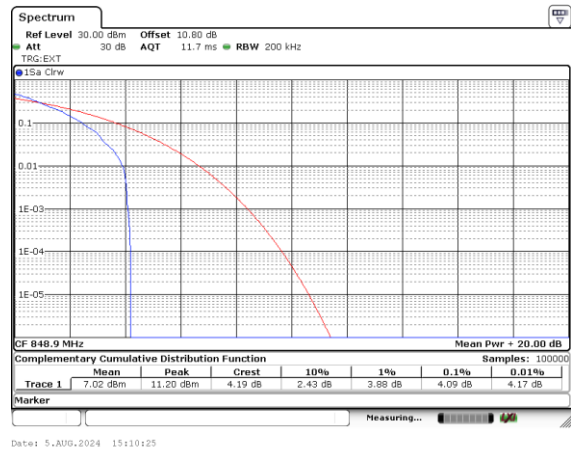
Middle Channel / Full T



Highest Channel/ 1T



Highest Channel / Full T





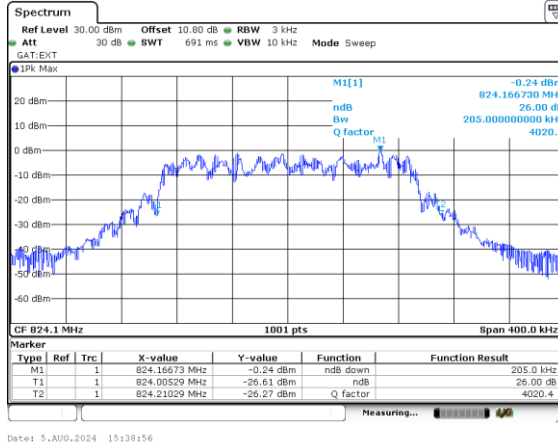
**26dB Bandwidth**

Mode	LTE Band 26 : 26dB(kHz)
Subcarrier Spacing	15k
Mod.	QPSK
Lowest CH	205
Middle CH	217.38
Highest CH	216.58



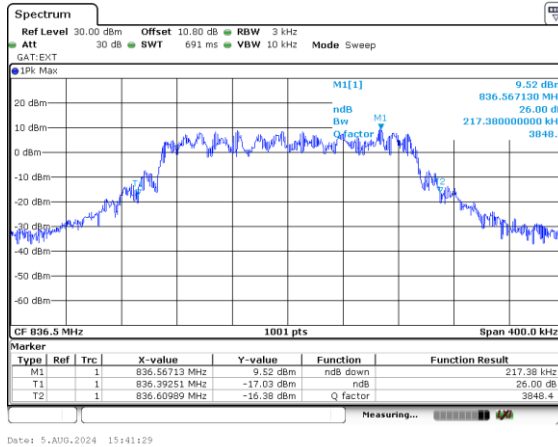
LTE Band 26

Lowest Channel / 15kHz / QPSK



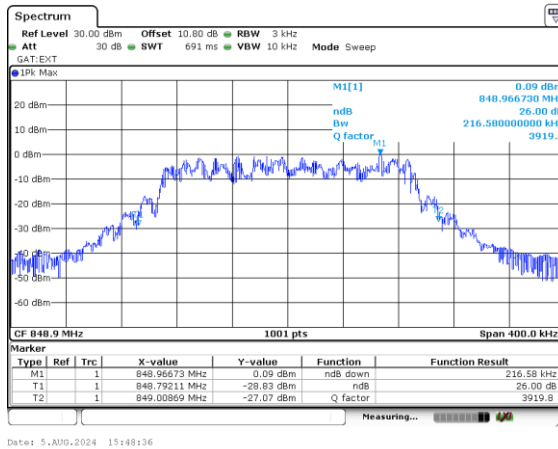
Date: 5.AUG.2024 15:38:56

Middle Channel / 15kHz / QPSK



Date: 5.AUG.2024 15:41:29

Highest Channel / 15kHz / QPSK



Date: 5.AUG.2024 15:48:36



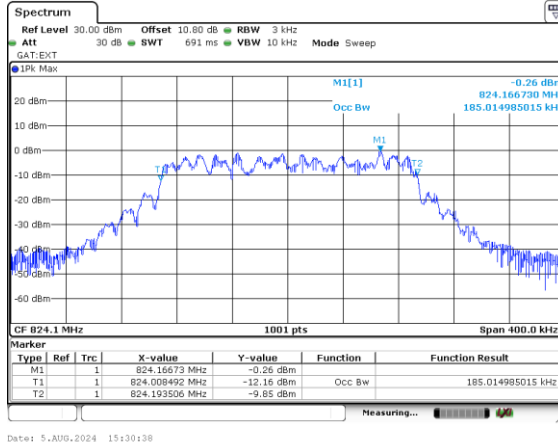
**Occupied Bandwidth**

Mode	LTE Band 26 : OB(kHz)
Subcarrier Spacing	15k
Mod.	QPSK
Lowest CH	185.01
Middle CH	184.62
Highest CH	185.41

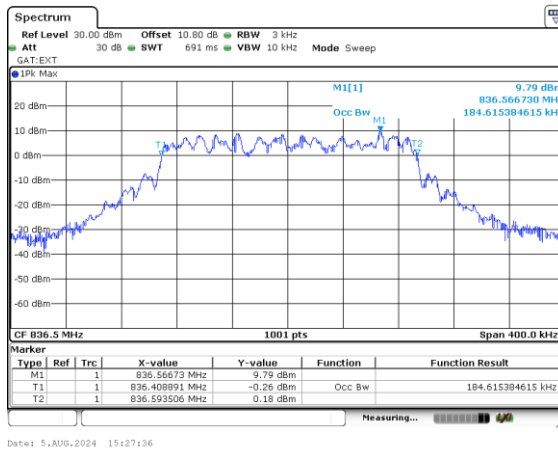


LTE Band 26

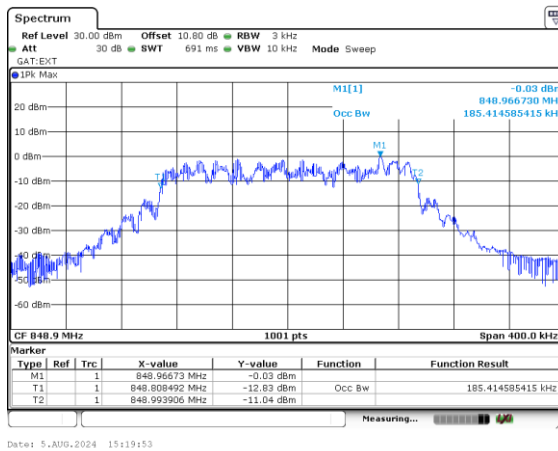
Lowest Channel / 15kHz / QPSK



Middle Channel / 15kHz / QPSK

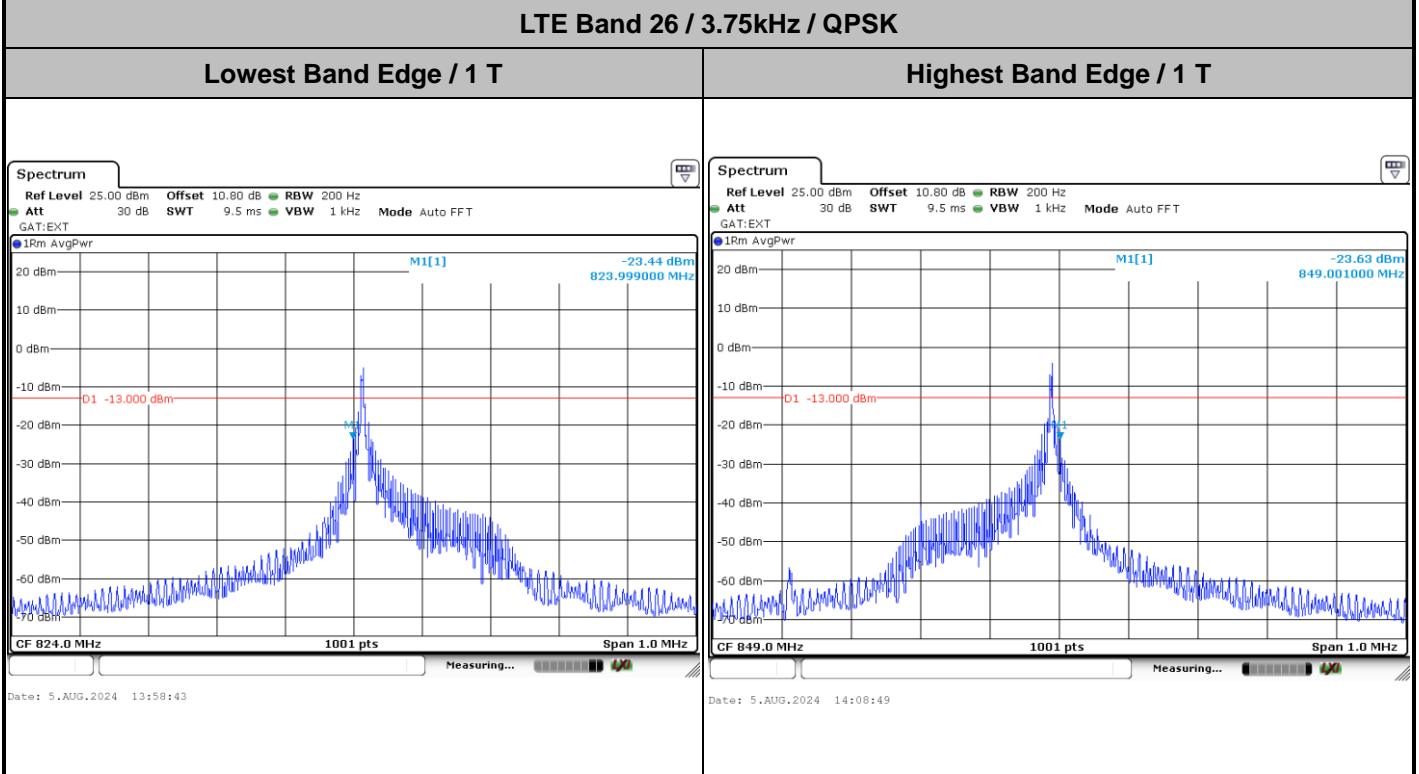
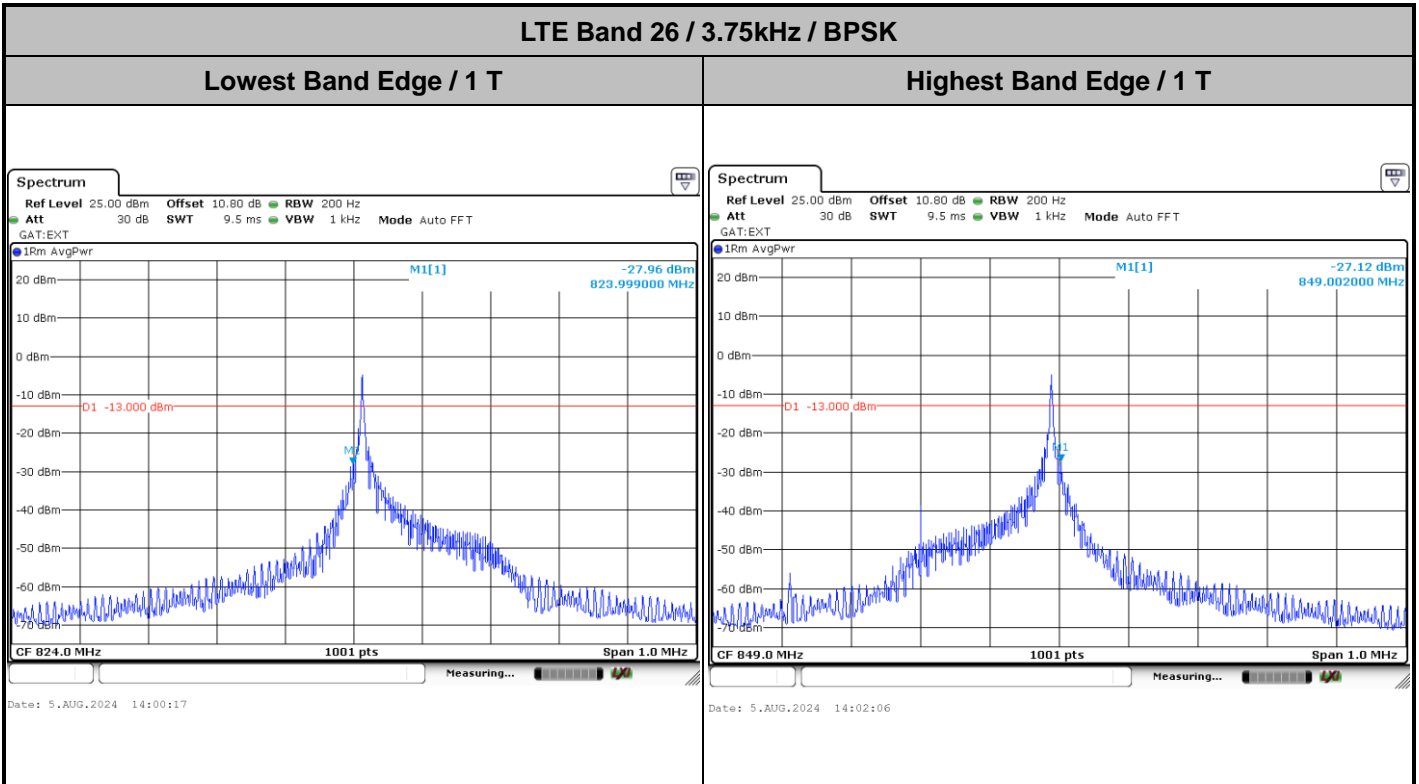


Highest Channel / 15kHz / QPSK





# Conducted Band Edge

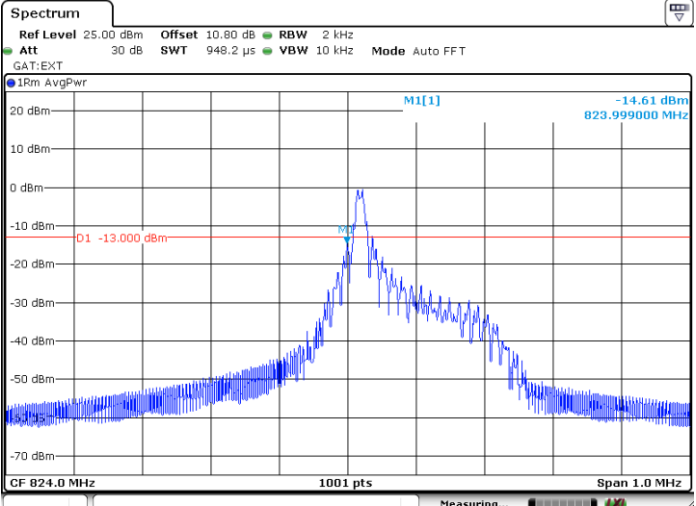




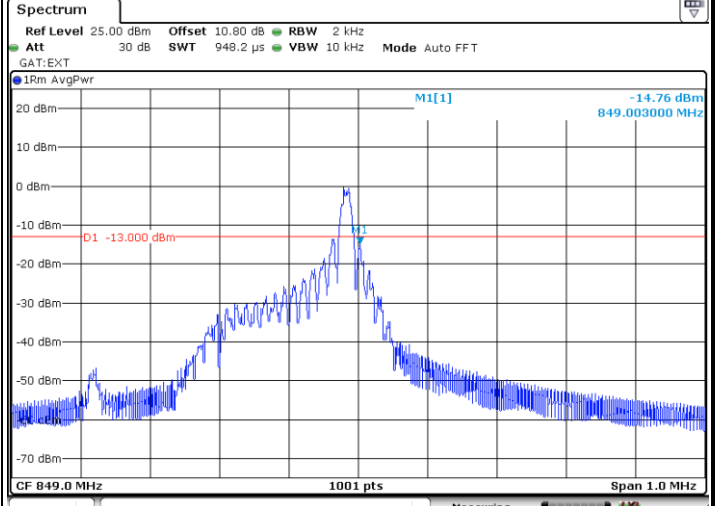
LTE Band 26 / 15kHz / BPSK

Lowest Band Edge / 1 T

Highest Band Edge / 1 T



Date: 5.AUG.2024 16:17:19



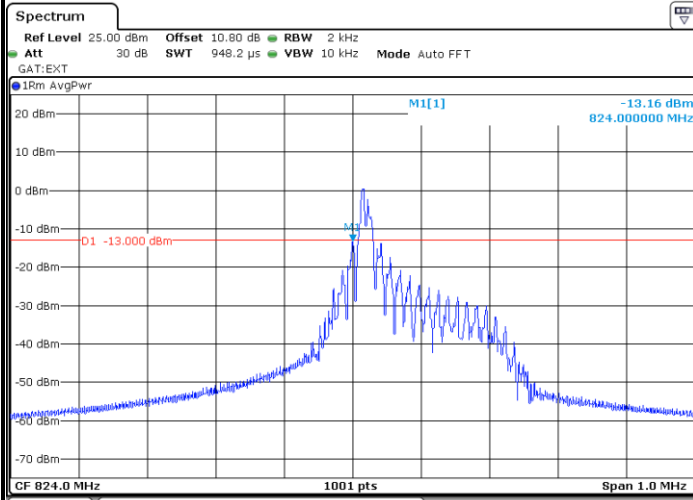
Date: 5.AUG.2024 16:18:33





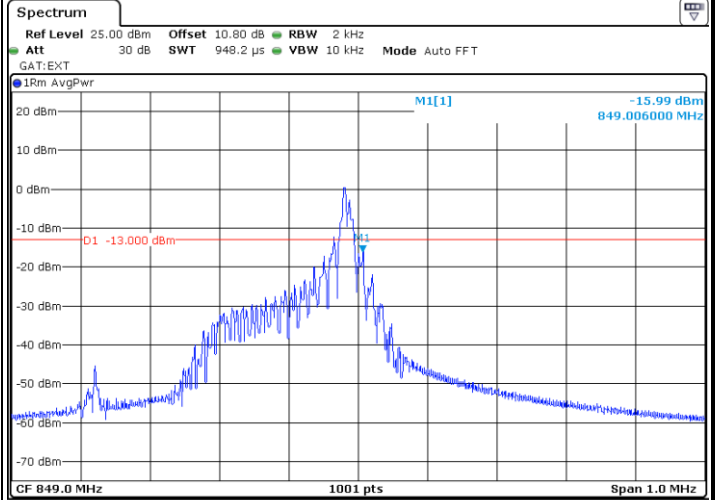
LTE Band 26 / 15kHz / QPSK

Lowest Band Edge / 1 T



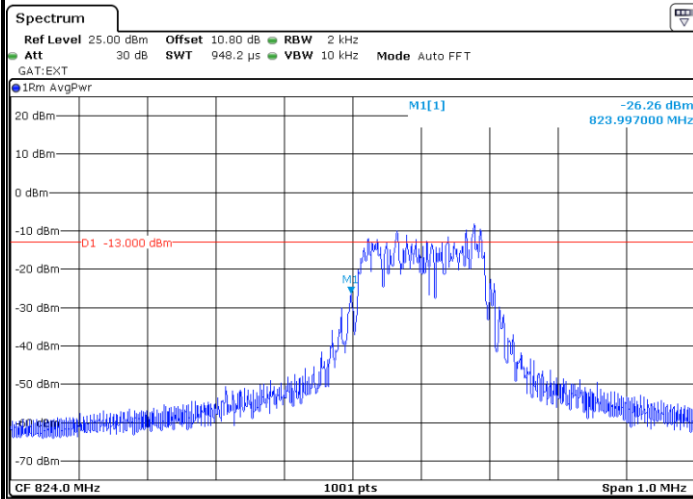
Date: 5.AUG.2024 16:10:28

Highest Band Edge / 1 T



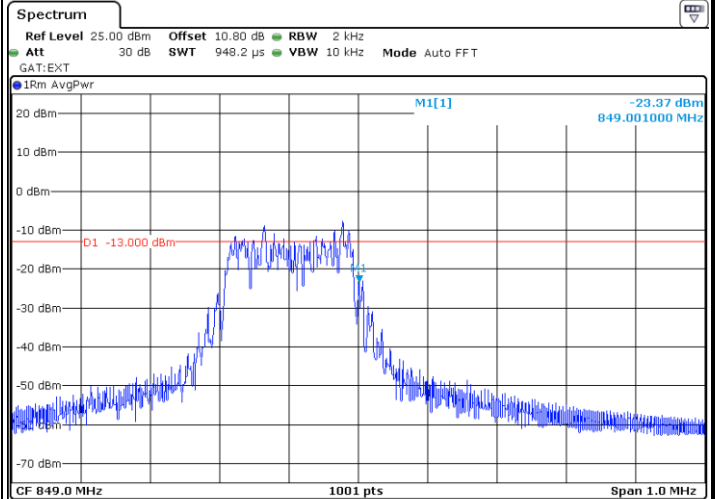
Date: 5.AUG.2024 16:28:27

Lowest Band Edge / Full T



Date: 5.AUG.2024 16:08:09

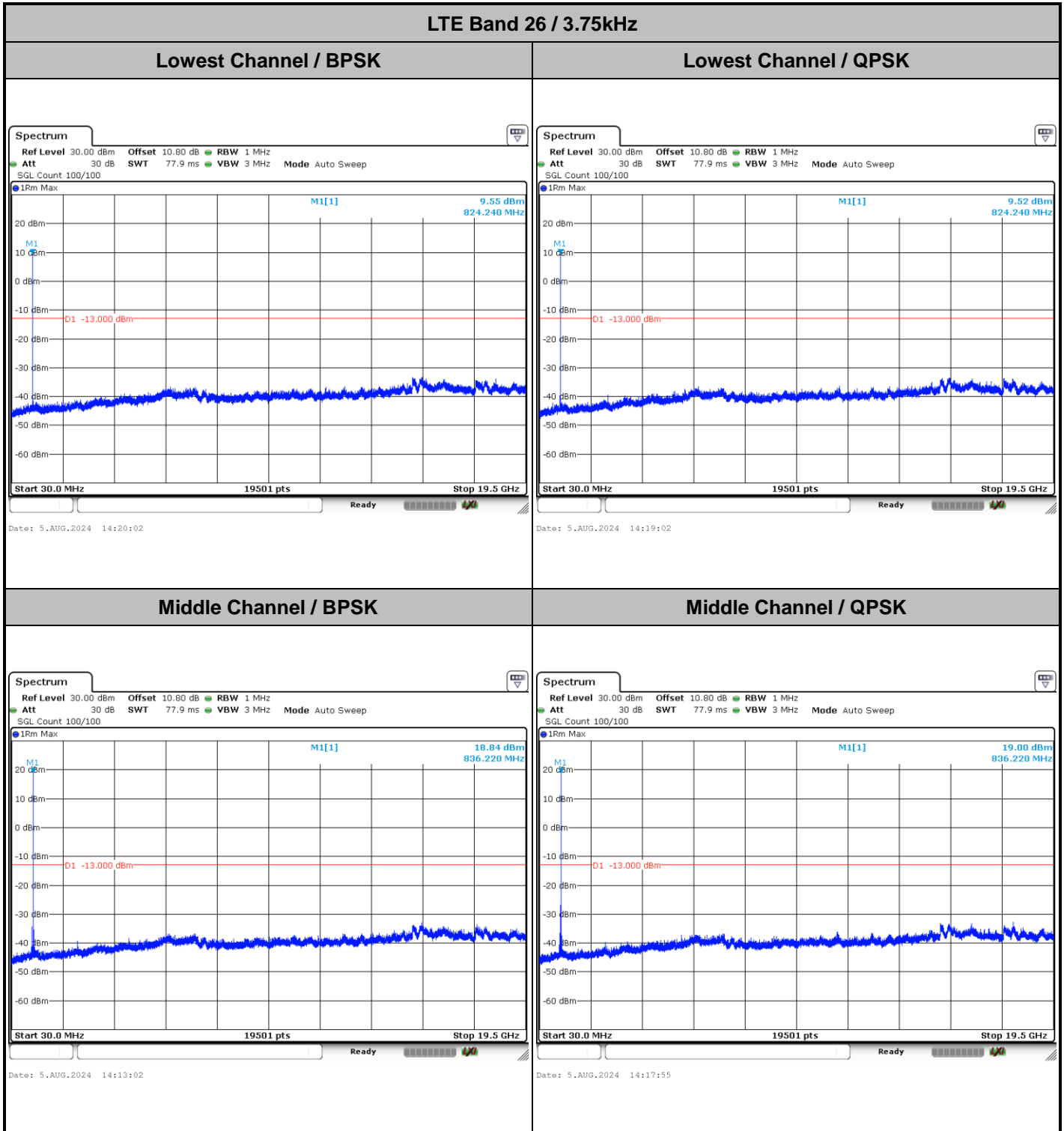
Highest Band Edge / Full T

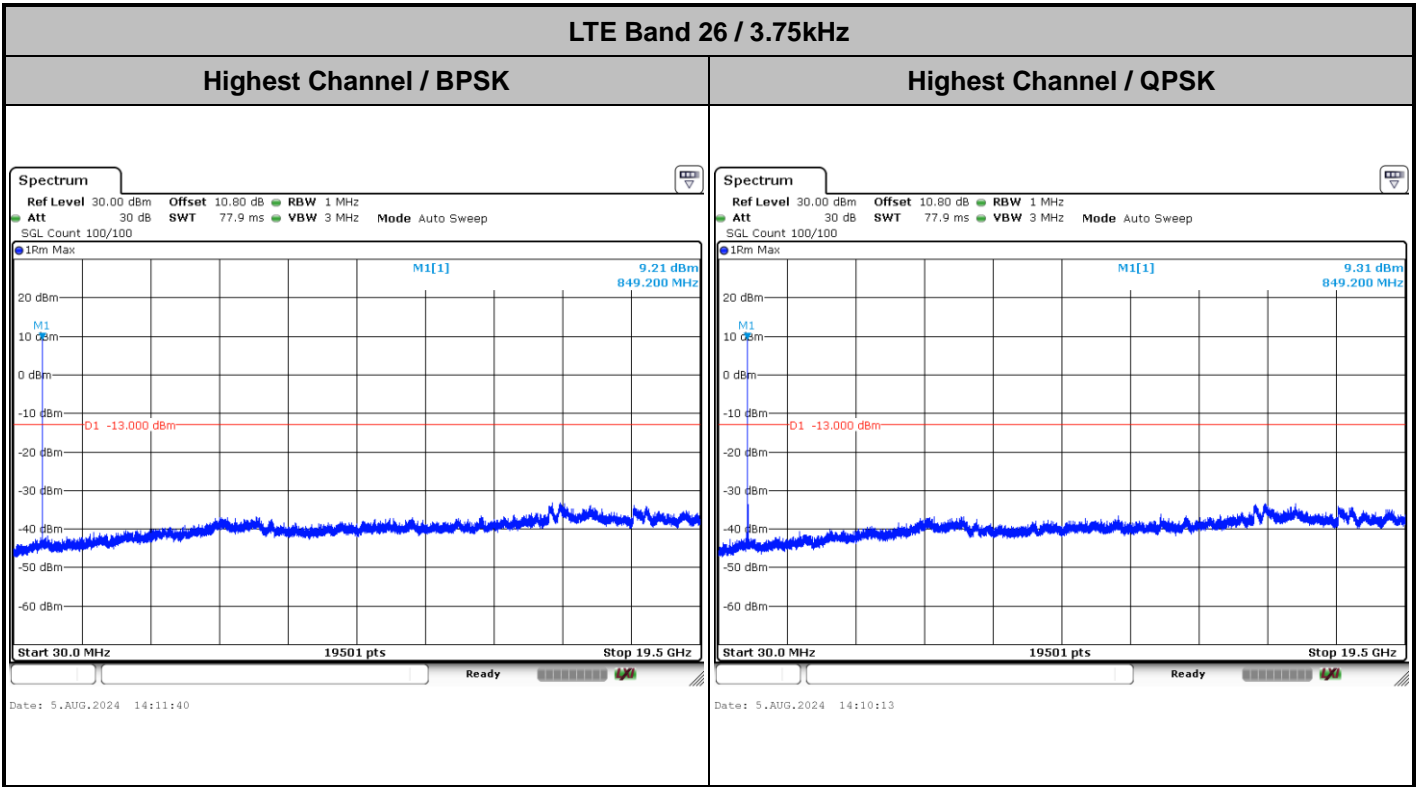


Date: 5.AUG.2024 15:50:29



# Conducted Spurious Emission

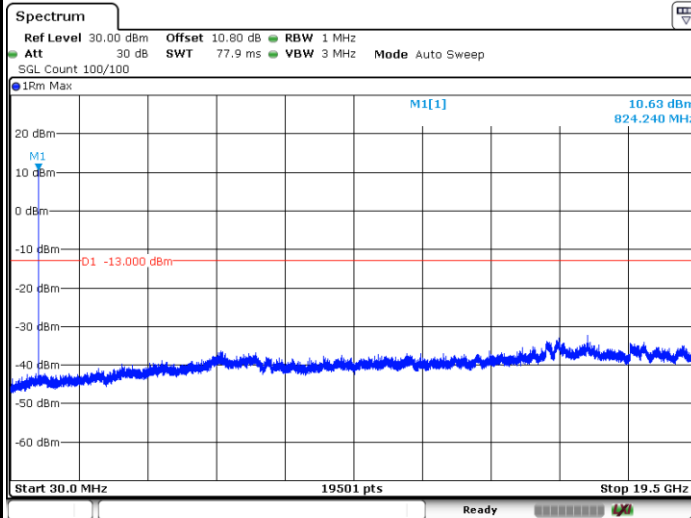






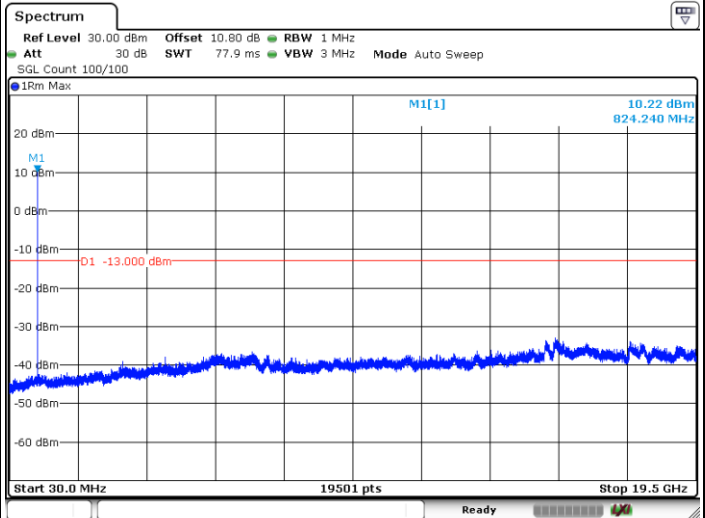
LTE Band 26 / 15kHz

Lowest Channel / BPSK



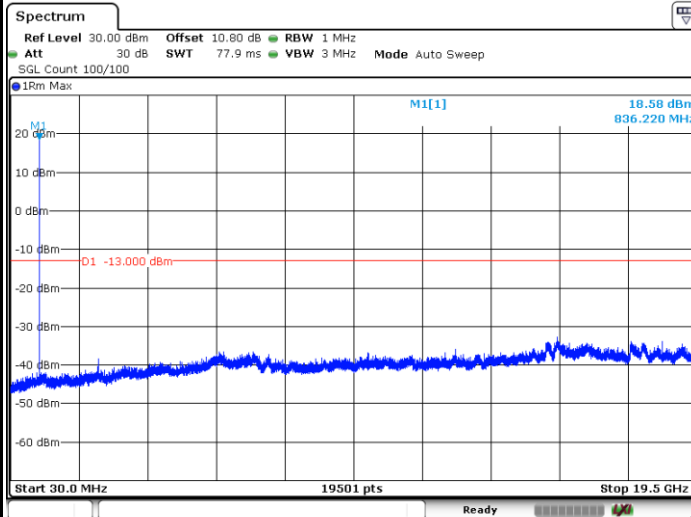
Date: 5.AUG.2024 14:27:26

Lowest Channel / QPSK



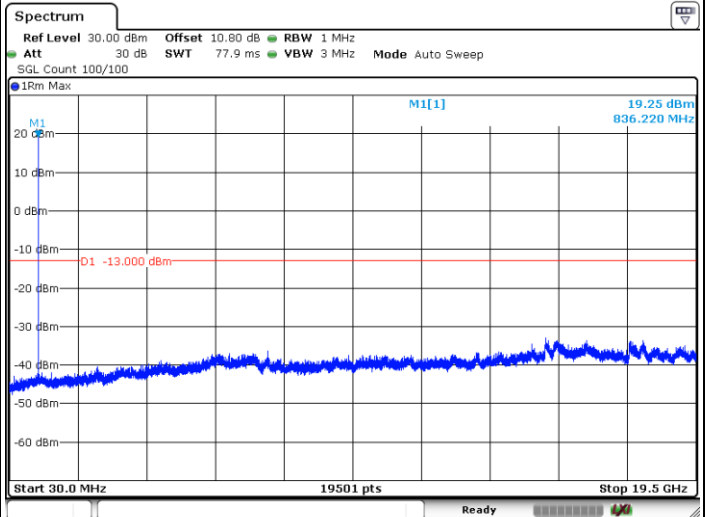
Date: 5.AUG.2024 14:28:50

Middle Channel / BPSK



Date: 5.AUG.2024 14:31:15

Middle Channel / QPSK



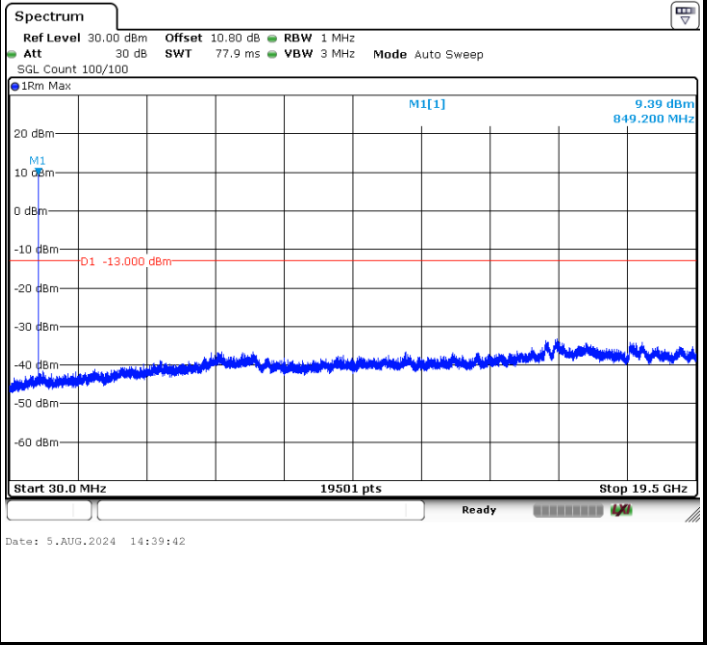
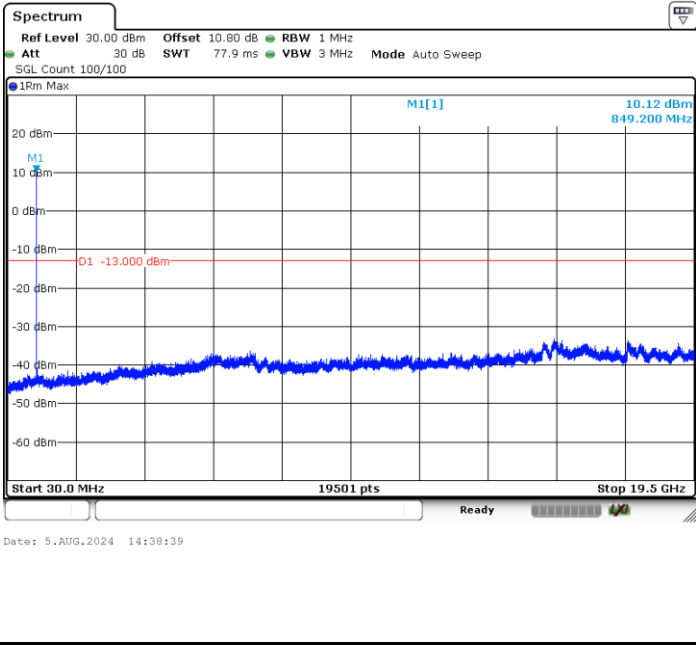
Date: 5.AUG.2024 14:30:02



LTE Band 26 / 15kHz

Highest Channel / BPSK

Highest Channel / QPSK





### Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15kHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0045	PASS
40	Normal Voltage	0.0030	
30	Normal Voltage	0.0042	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0035	
0	Normal Voltage	0.0056	
-10	Normal Voltage	0.0031	
-20	Normal Voltage	0.0103	
-30	Normal Voltage	0.0045	
20	Maximum Voltage	0.0050	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0002	

**Note:** Normal Voltage = 110 V. ; Minimum Voltage = 90 V. ; Maximum Voltage = 264 V.



## LTE Band 26 (Part 90S)

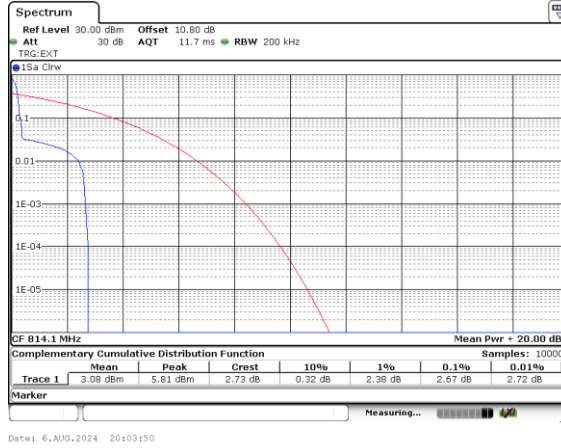
### Peak-to-Average Ratio

Mode	LTE Band 26 / 15kHz			
Mod.	BPSK	QPSK		Limit: 13dB
T Size	1T	1T	Full T	Result
Lowest CH	2.67	2.12	4.12	PASS
Middle CH	2.52	2.03	3.91	
Highest CH	2.67	2.14	4.14	



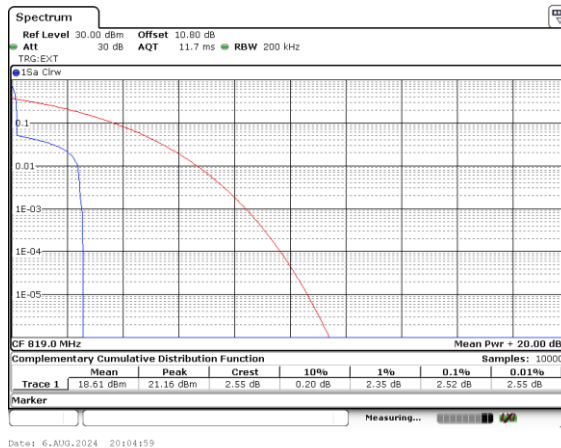
LTE Band 26 / 15kHz / BPSK

Lowest Channel / 1T



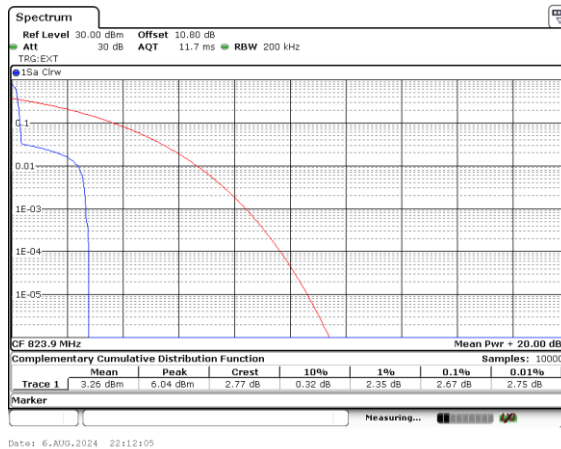
Date: 6.AUG.2024 20:03:50

Middle Channel/ 1T



Date: 6.AUG.2024 20:04:59

Highest Channel/ 1T



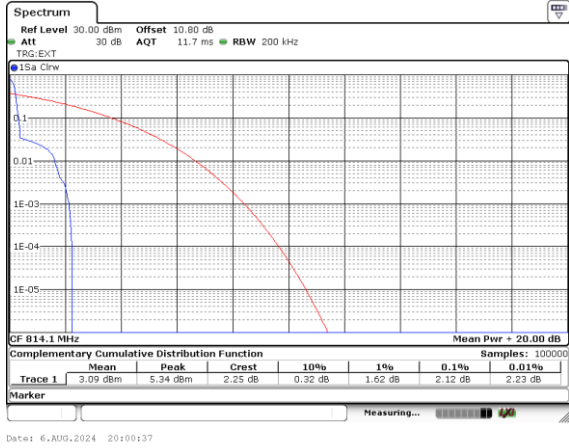
Date: 6.AUG.2024 22:12:05





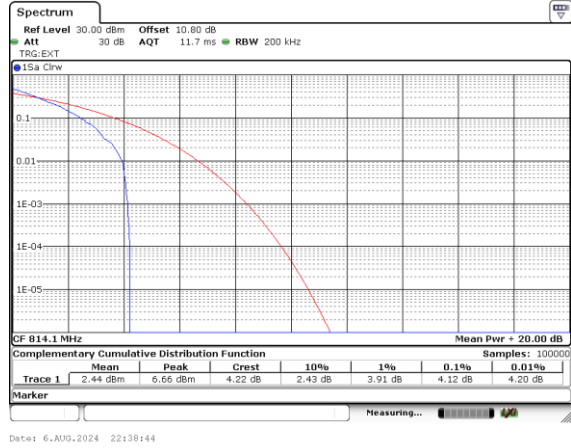
LTE Band 26 / 15kHz / QPSK

Lowest Channel / 1T



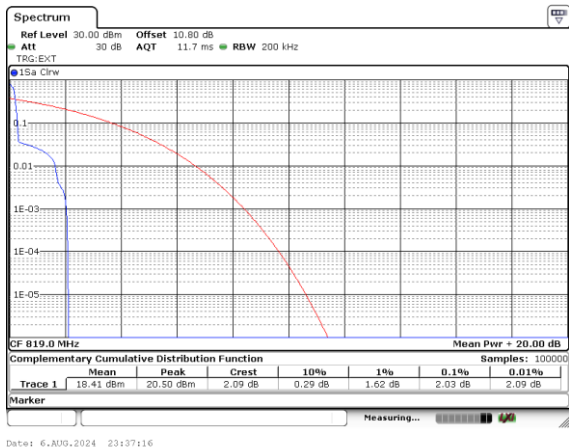
Date: 6.AUG.2024 20:09:37

Lowest Channel / Full T



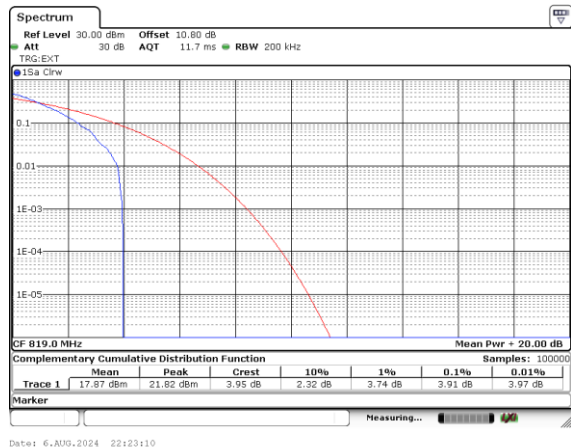
Date: 6.AUG.2024 22:38:44

Middle Channel / 1T



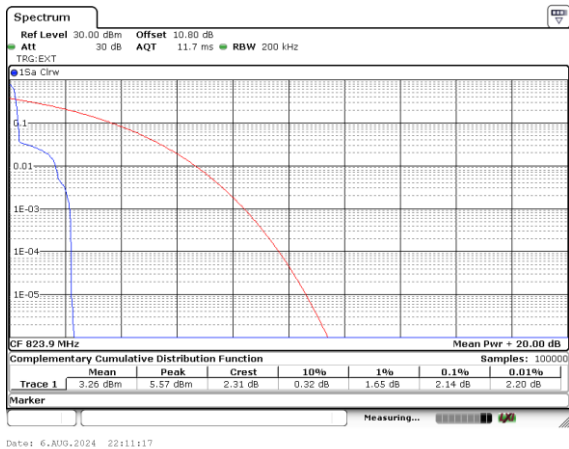
Date: 6.AUG.2024 23:37:16

Middle Channel / Full T



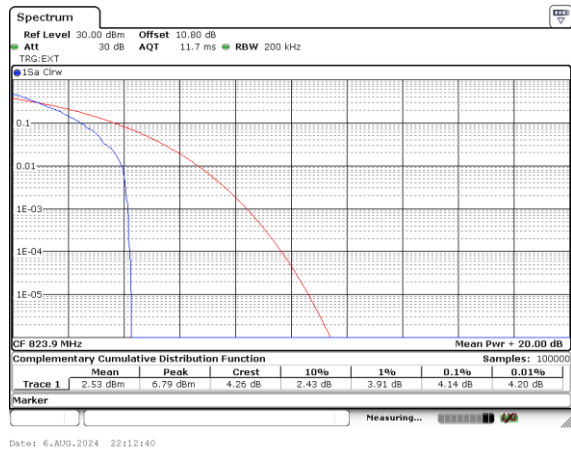
Date: 6.AUG.2024 22:23:10

Highest Channel / 1T



Date: 6.AUG.2024 22:11:17

Highest Channel / Full T



Date: 6.AUG.2024 22:12:40



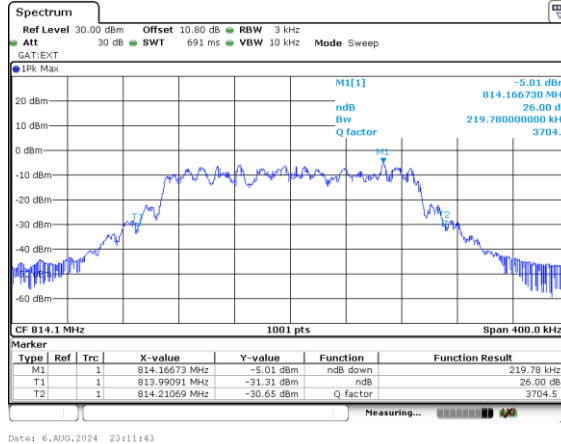
**26dB Bandwidth**

Mode	LTE Band 26 : 26dB(kHz)
Subcarrier Spacing	15k
Mod.	QPSK
Lowest CH	219.78
Middle CH	210.19
Highest CH	216.98

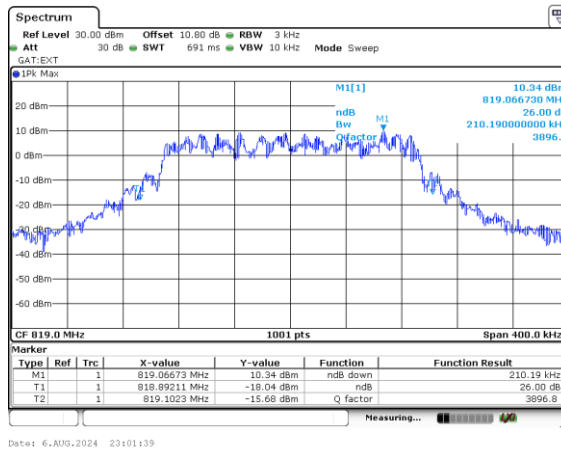


LTE Band 26

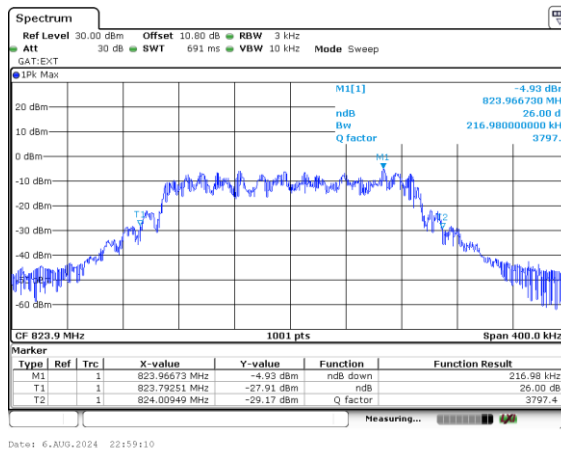
Lowest Channel / 15kHz / QPSK



Middle Channel / 15kHz / QPSK



Highest Channel / 15kHz / QPSK





**Occupied Bandwidth**

Mode	LTE Band 26 : OB(kHz)
Subcarrier Spacing	15k
Mod.	QPSK
Lowest CH	184.22
Middle CH	185.01
Highest CH	185.01