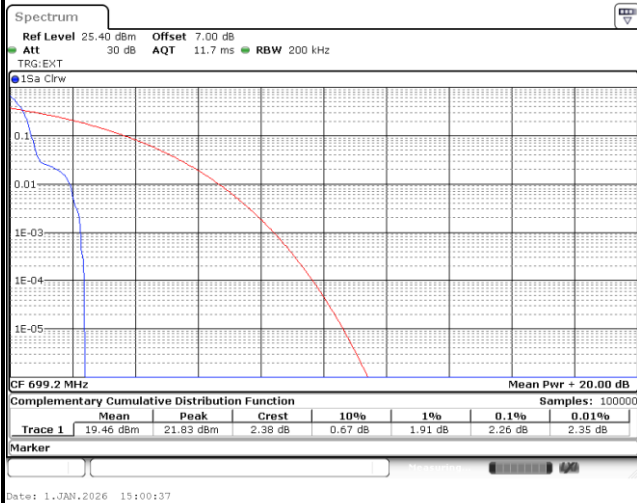
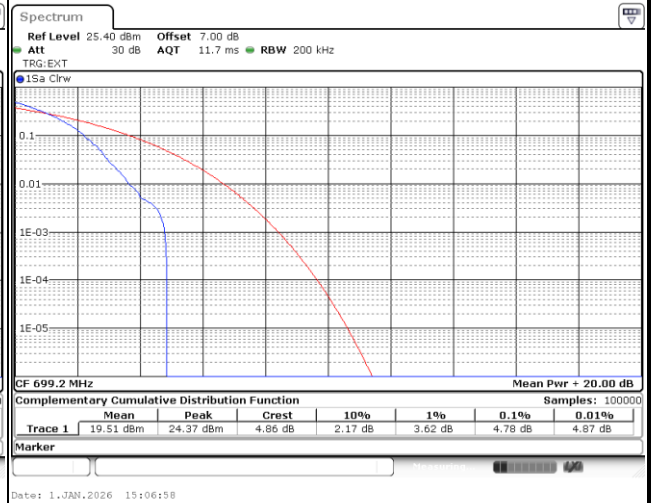


LTE Band 12 / 15kHz / QPSK

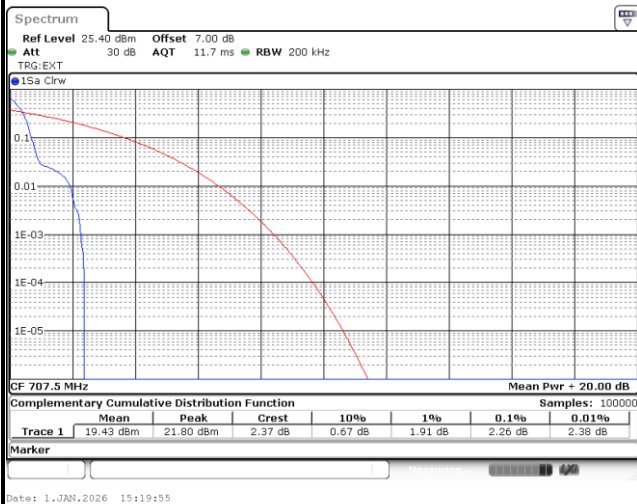
Lowest Channel / 1T



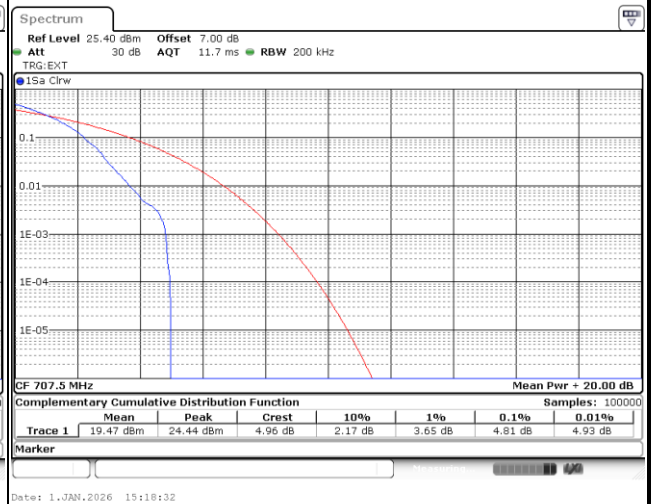
Lowest Channel / Full T



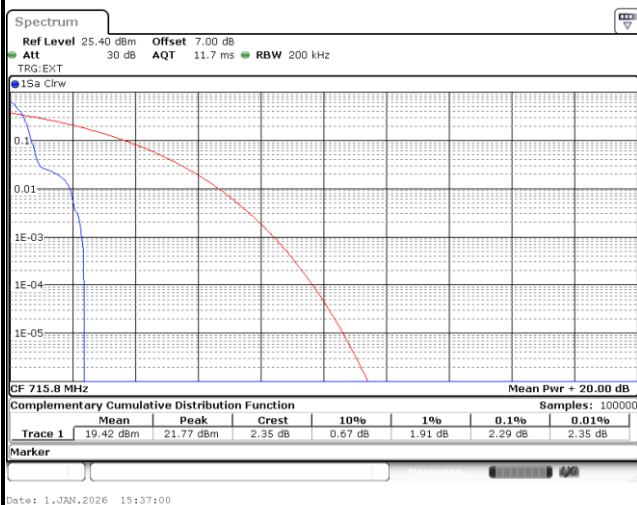
Middle Channel/ 1T



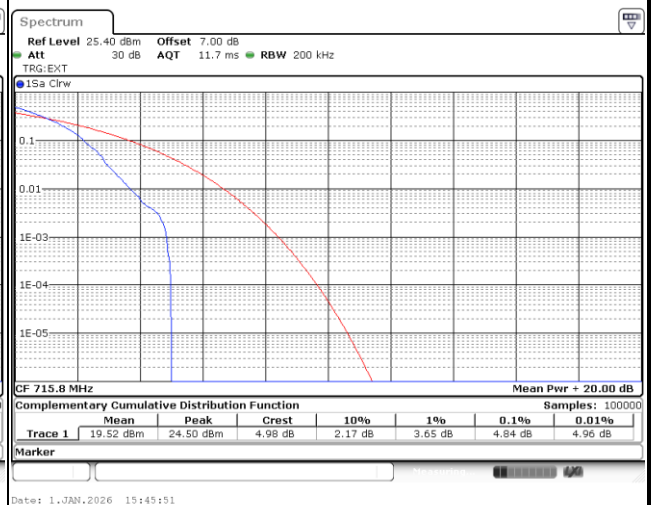
Middle Channel / Full T



Highest Channel/ 1T



Highest Channel / Full T





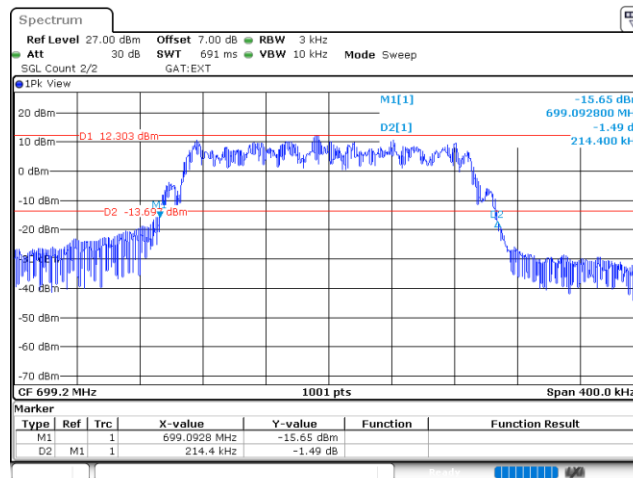
26dB Bandwidth

Mode	LTE Band 12 : 26dB(MHz)
Subcarrier Spacing	15kHz
Mod.	QPSK
Lowest CH	0.214
Middle CH	0.214
Highest CH	0.214

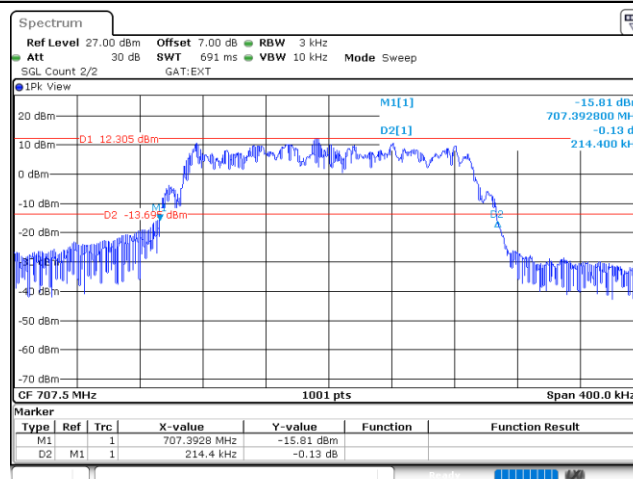


LTE Band 12

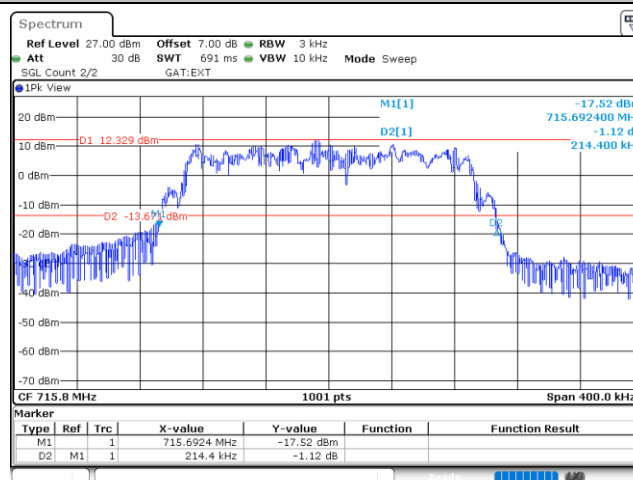
Lowest Channel / 15kHz / QPSK



Middle Channel / 15kHz / QPSK



Highest Channel / 15kHz / QPSK





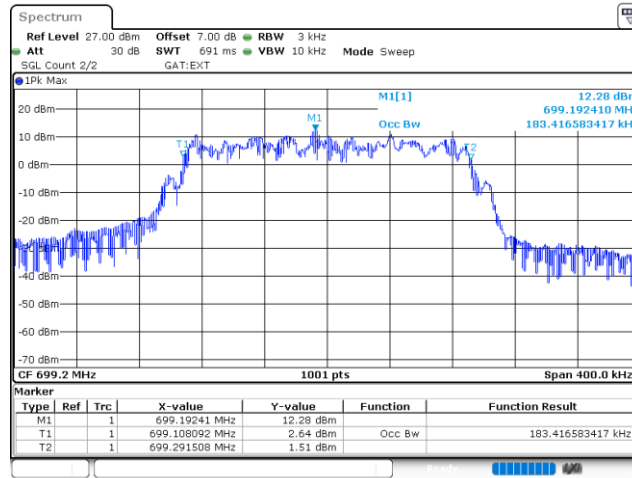
Occupied Bandwidth

Mode	LTE Band 12 : OB(MHz)
Subcarrier Spacing	15kHz
Mod.	QPSK
Lowest CH	0.183
Middle CH	0.183
Highest CH	0.183

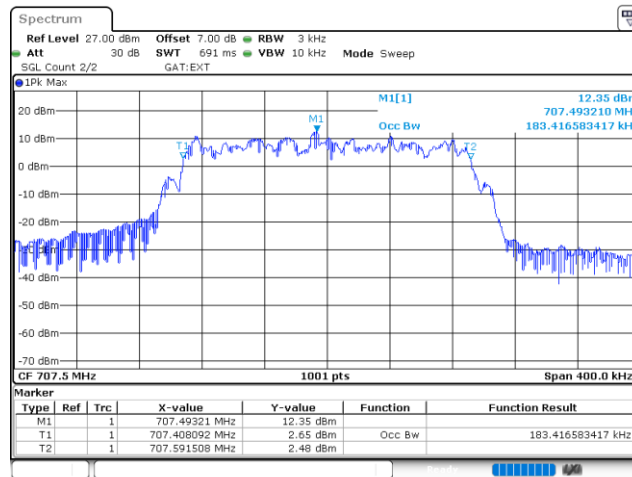


LTE Band 12

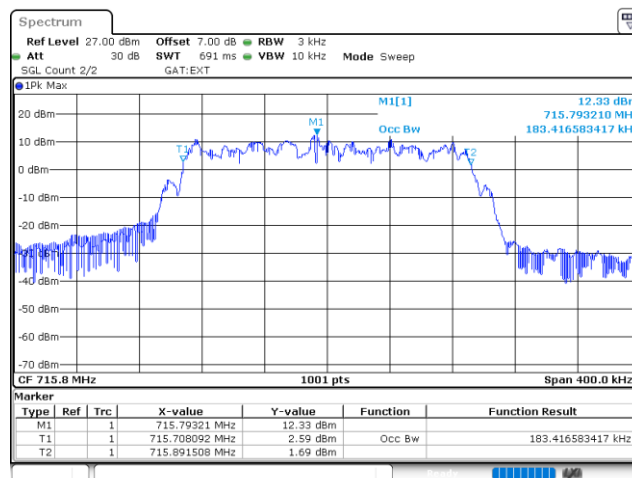
Lowest Channel / 15kHz / QPSK



Middle Channel / 15kHz / QPSK



Highest Channel / 15kHz / QPSK

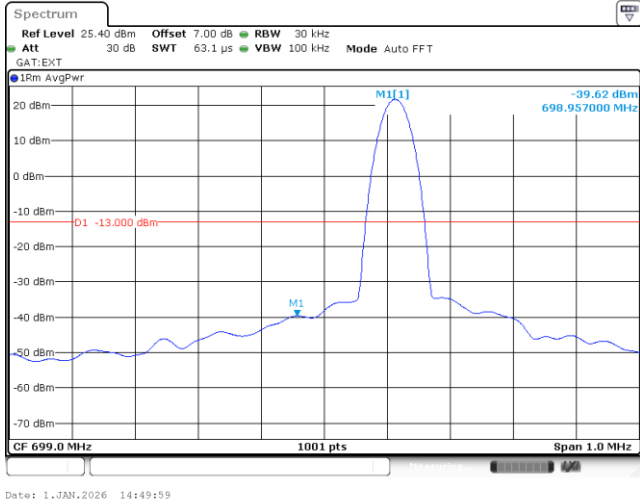




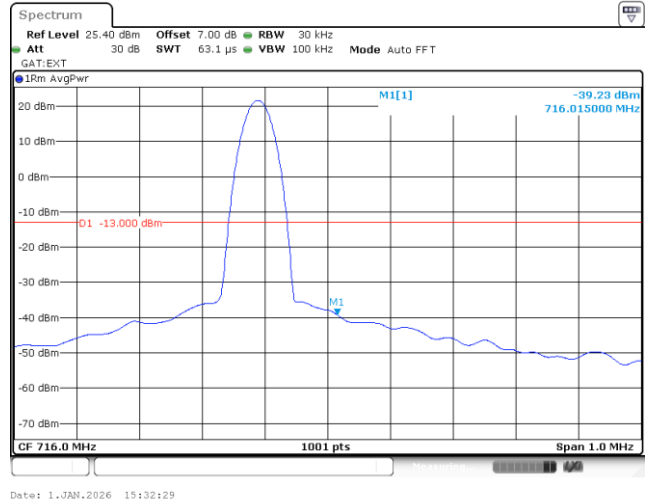
Conducted Band Edge

LTE Band 12 / 3.75kHz / BPSK

Lowest Band Edge / 1T

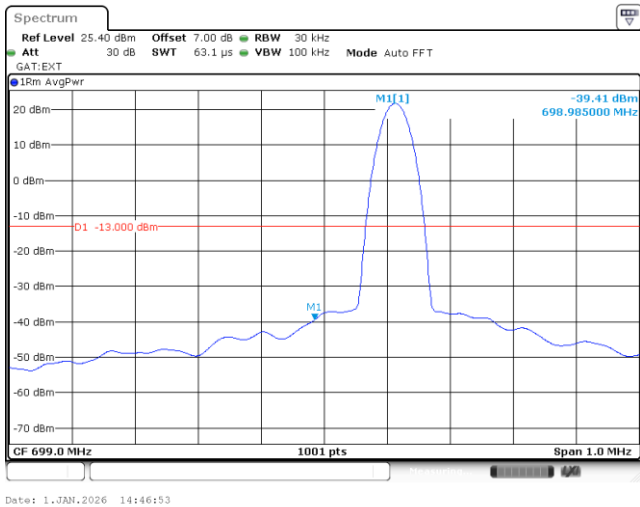


Highest Band Edge / 1T

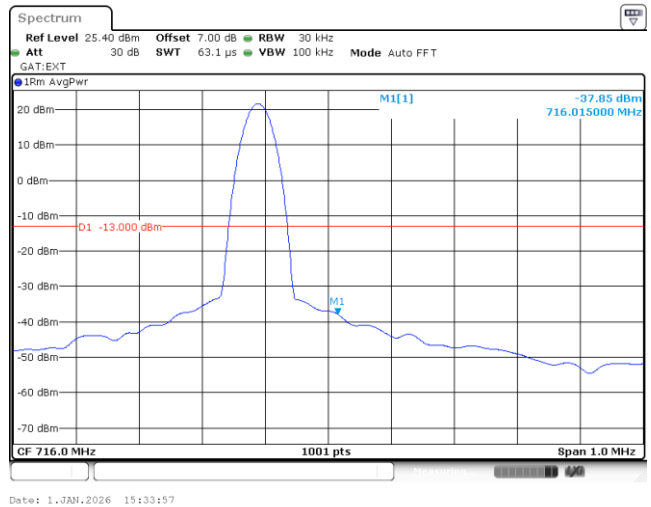


LTE Band 12 / 3.75kHz / QPSK

Lowest Band Edge / 1T



Highest Band Edge / 1T



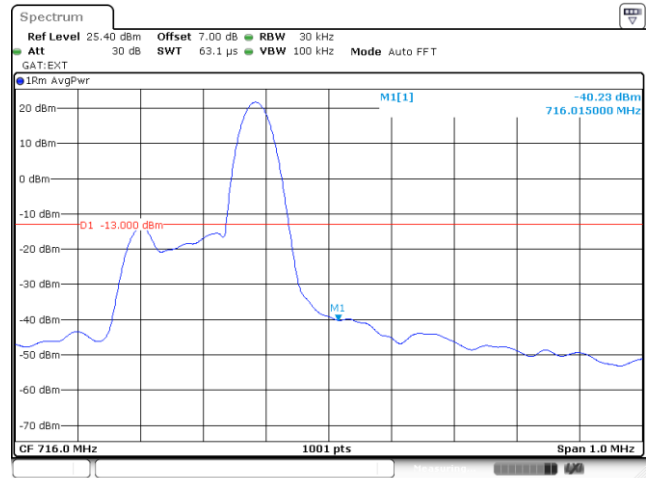


LTE Band 12 / 15kHz

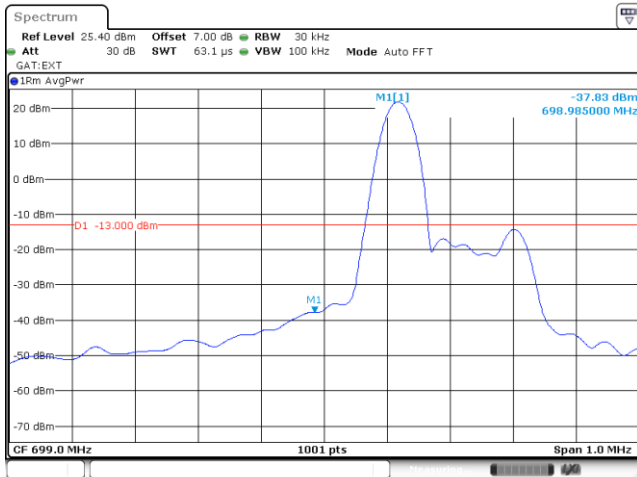
Lowest Band Edge / 1T / BPSK



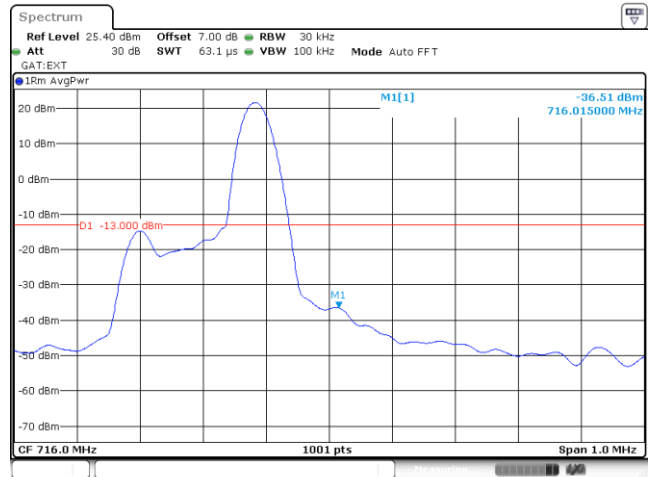
Highest Band Edge / 1T / BPSK



Lowest Band Edge / 1T / QPSK



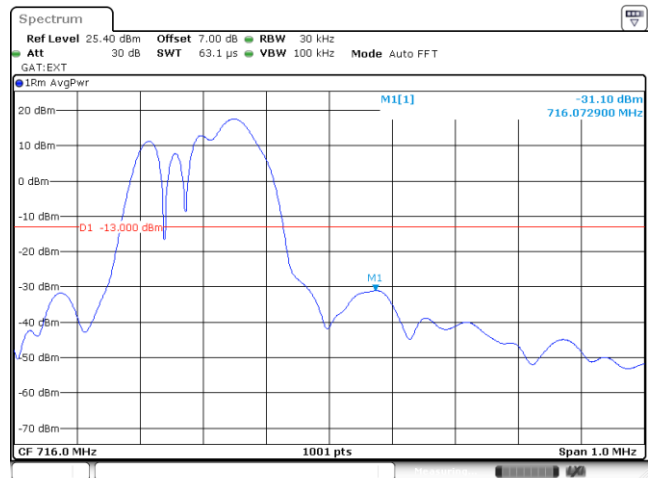
Highest Band Edge / 1T / QPSK



Lowest Band Edge / Full T / QPSK



Highest Band Edge / Full T / QPSK



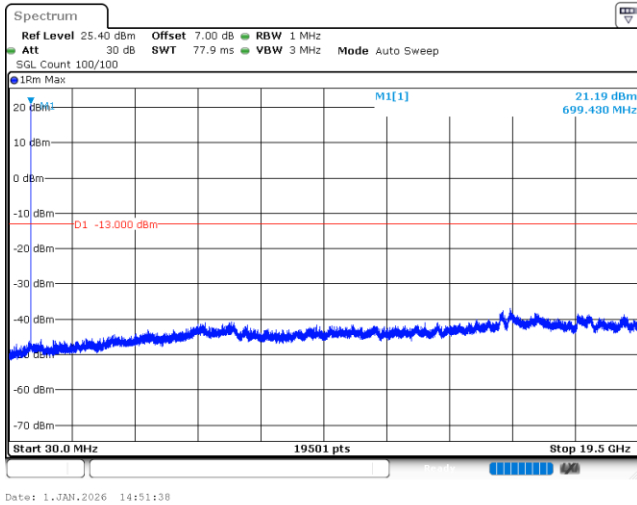


Conducted Spurious Emission

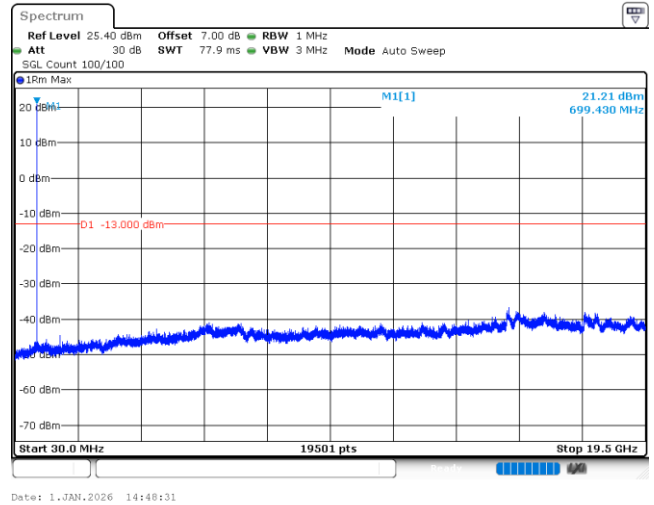


LTE Band 12 / 3.75kHz

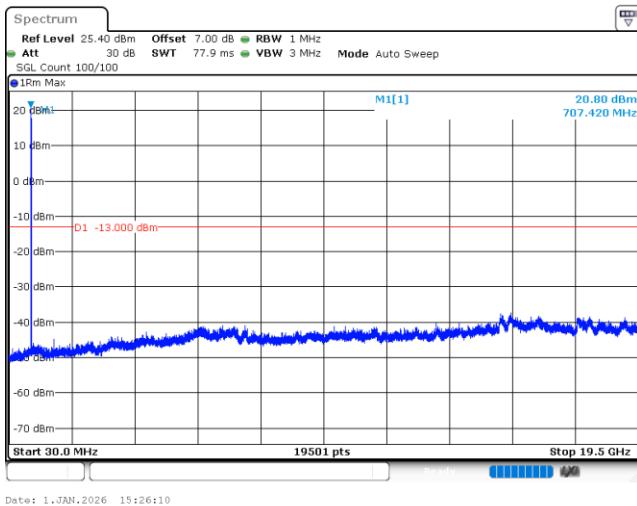
Lowest Channel / BPSK



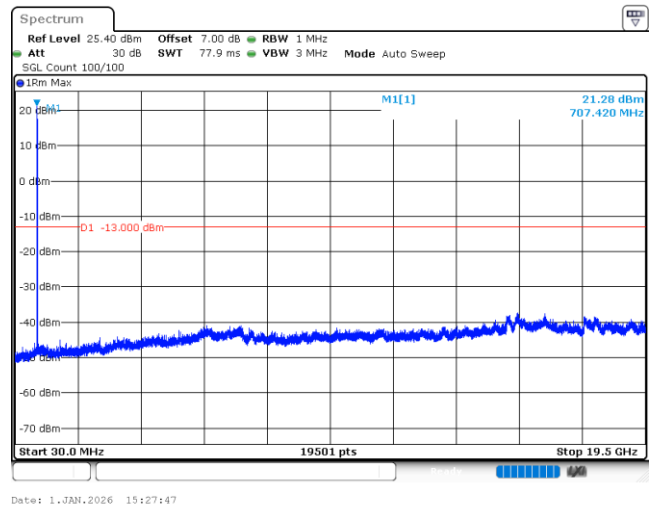
Lowest Channel / QPSK



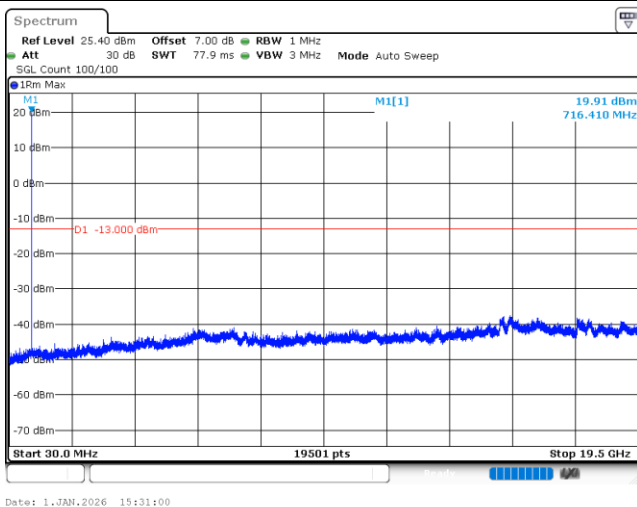
Middle Channel / BPSK



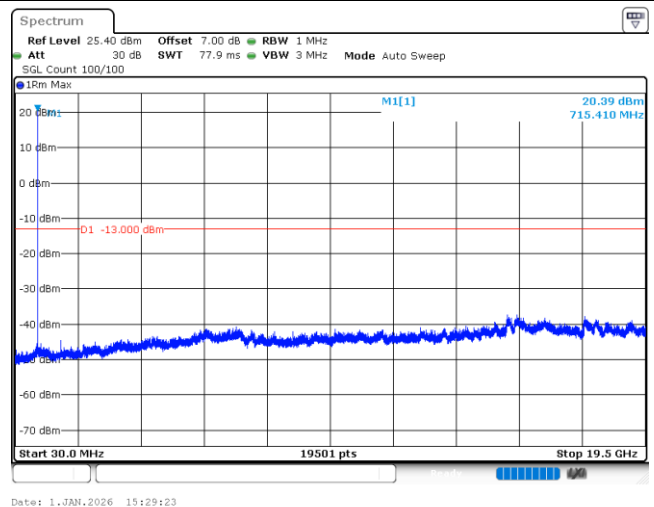
Middle Channel / QPSK



Highest Channel / BPSK



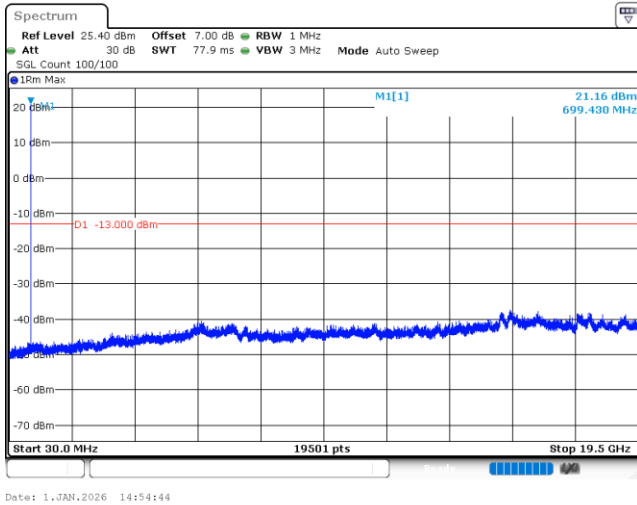
Highest Channel / QPSK



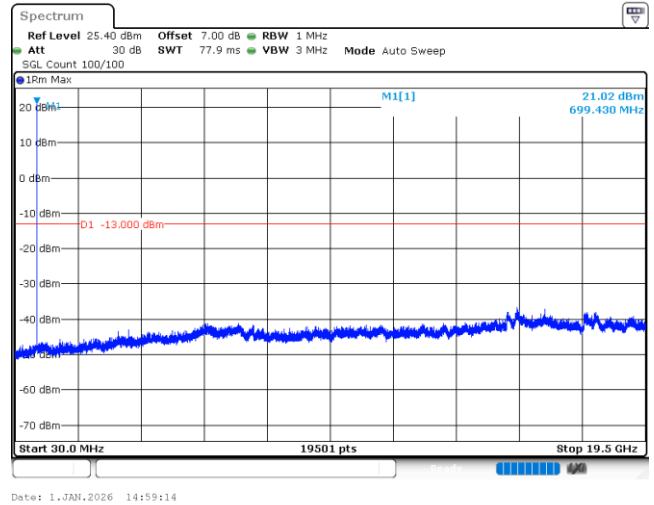


LTE Band 12 / 15kHz

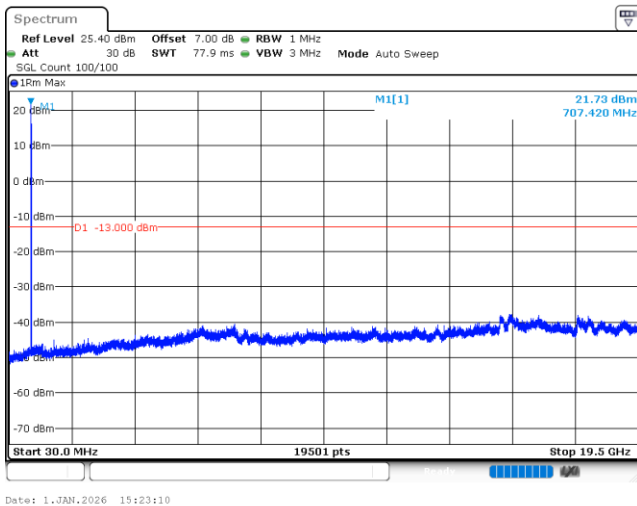
Lowest Channel / BPSK



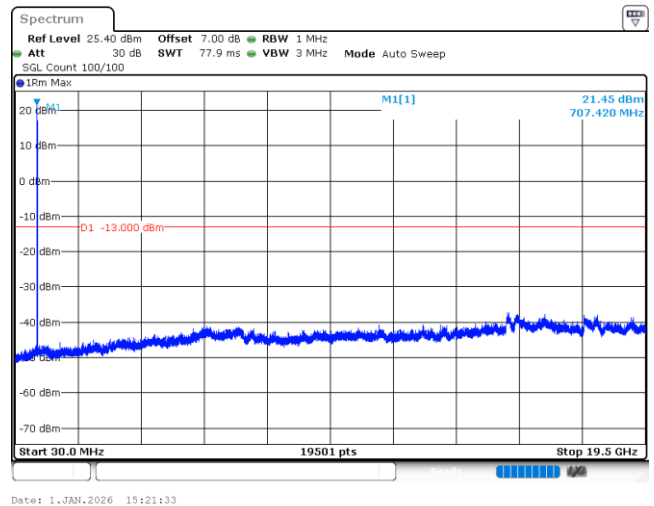
Lowest Channel / QPSK



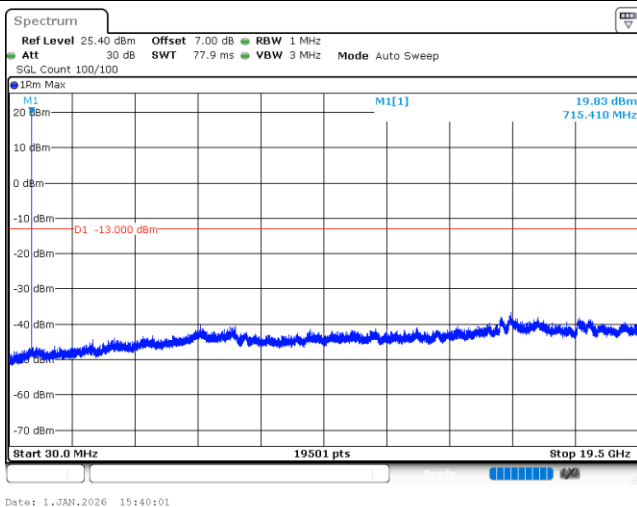
Middle Channel / BPSK



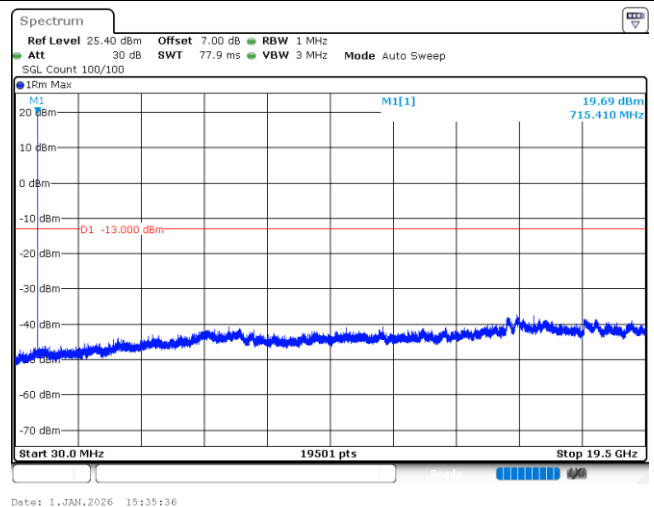
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK



Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel / 15kHz			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0020	1.4	Yes	PASS
40	Normal Voltage	0.0007	-0.5	Yes	
30	Normal Voltage	0.0024	1.7	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0037	-2.6	Yes	
0	Normal Voltage	0.0030	-2.1	Yes	
-10	Normal Voltage	0.0010	-0.7	Yes	
-20	Normal Voltage	0.0033	2.3	Yes	
-30	Normal Voltage	0.0163	11.5	Yes	
20	Maximum Voltage	0.0181	12.8	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0164	11.6	Yes	

Note:

1. Normal Voltage = 3.7 V. ; Minimum Voltage = 2.5 V. ; Maximum Voltage = 4.35 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.



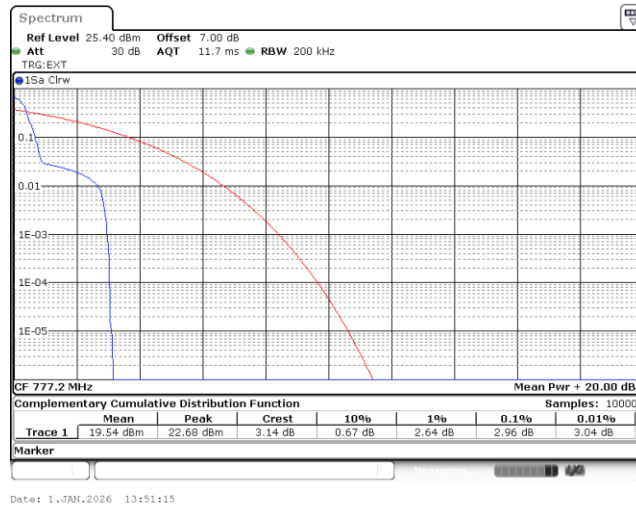
LTE Band 13

Peak-to-Average Ratio

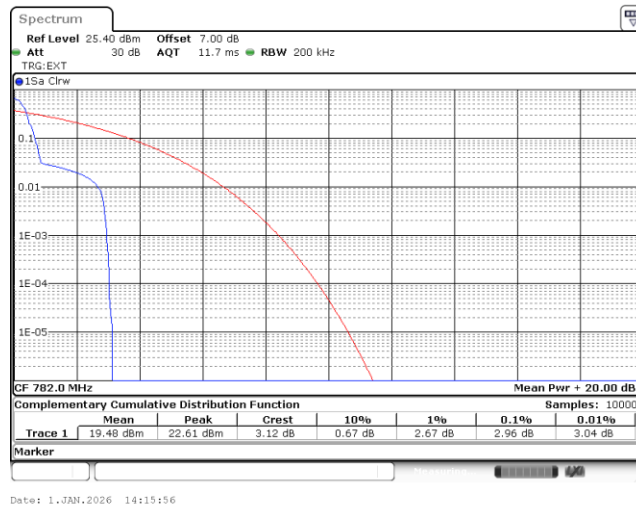
Mode	LTE Band 13 / 15kHz			
Mod.	BPSK	QPSK		Limit: 13dB
T Size	1T	1T	Full T	Result
Lowest CH	2.96	2.38	4.93	PASS
Middle CH	2.96	2.38	4.81	
Highest CH	2.96	2.38	4.81	

LTE Band 13 / 15kHz / BPSK

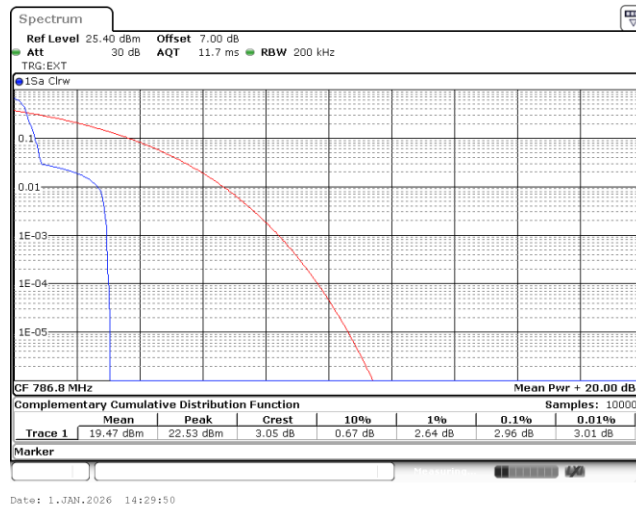
Lowest Channel / 1T



Middle Channel / 1T

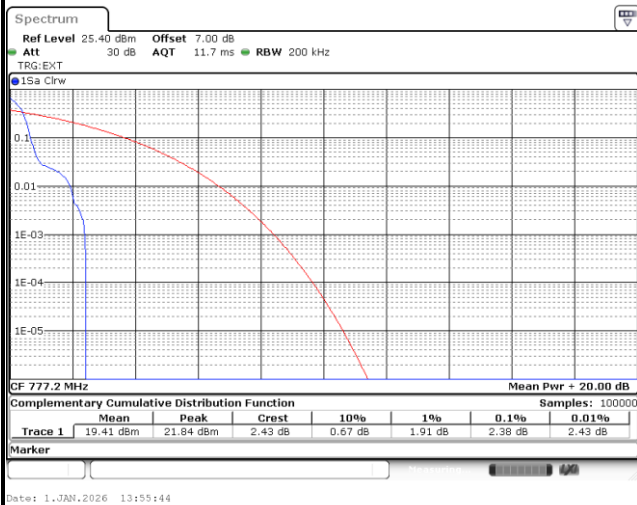


Highest Channel / 1T

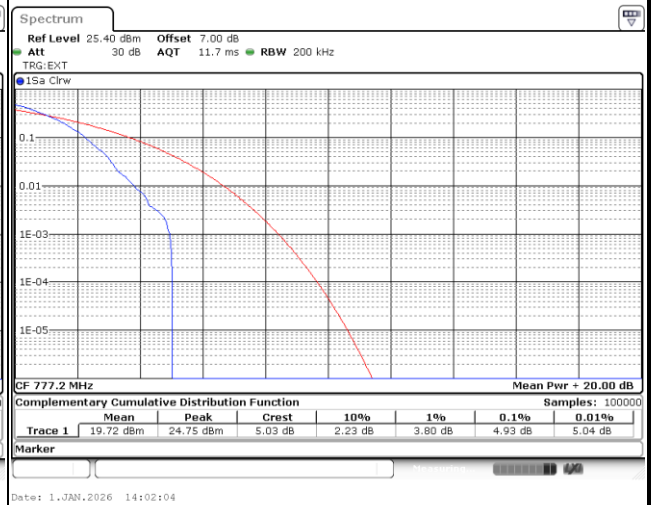


LTE Band 13 / 15kHz / QPSK

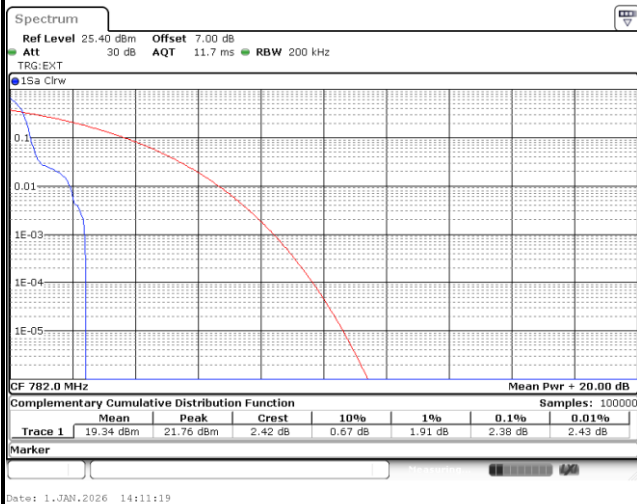
Lowest Channel / 1T



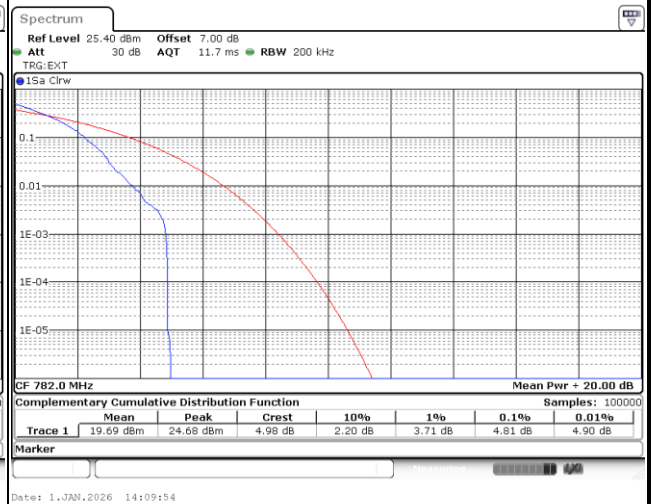
Lowest Channel / Full T



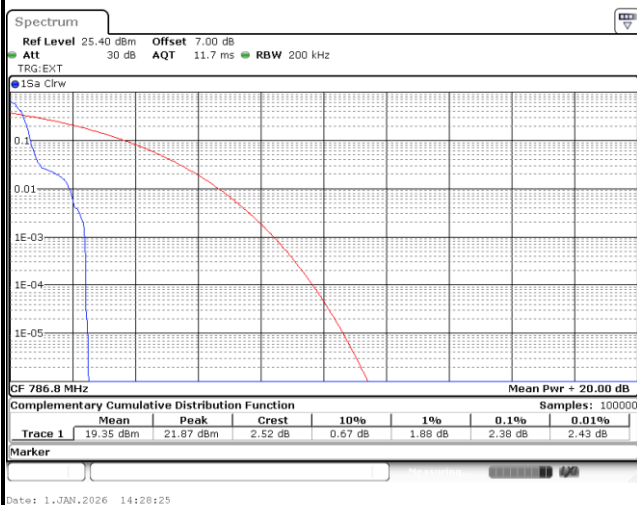
Middle Channel/ 1T



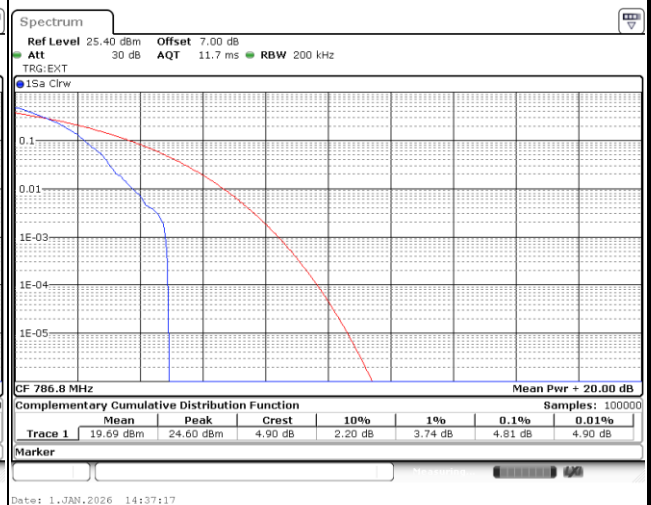
Middle Channel / Full T



Highest Channel/ 1T



Highest Channel / Full T





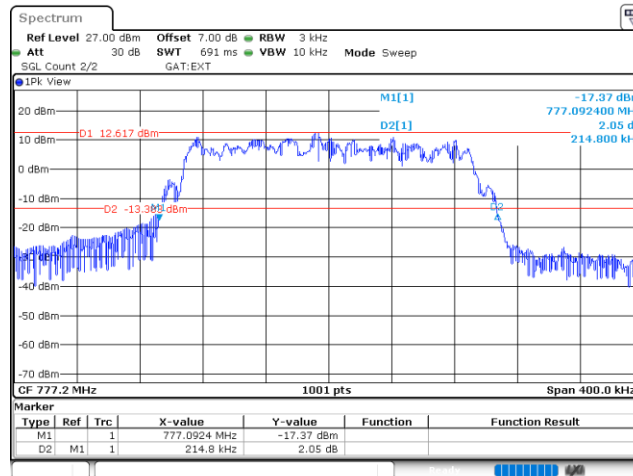
26dB Bandwidth

Mode	LTE Band 13 : 26dB(MHz)
Subcarrier Spacing	15kHz
Mod.	QPSK
Lowest CH	0.214
Middle CH	0.214
Highest CH	0.214

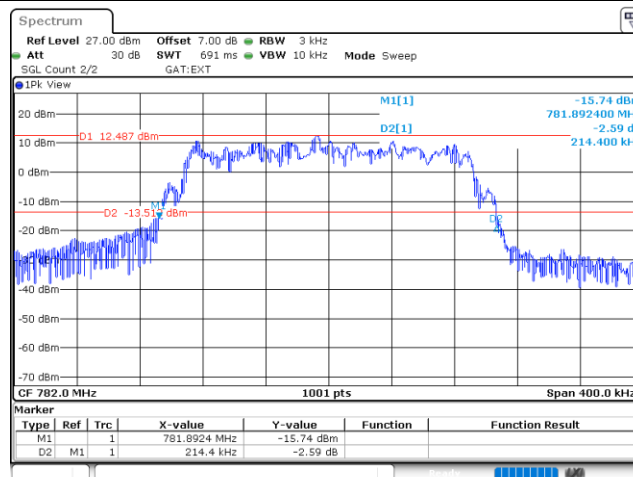


LTE Band 13

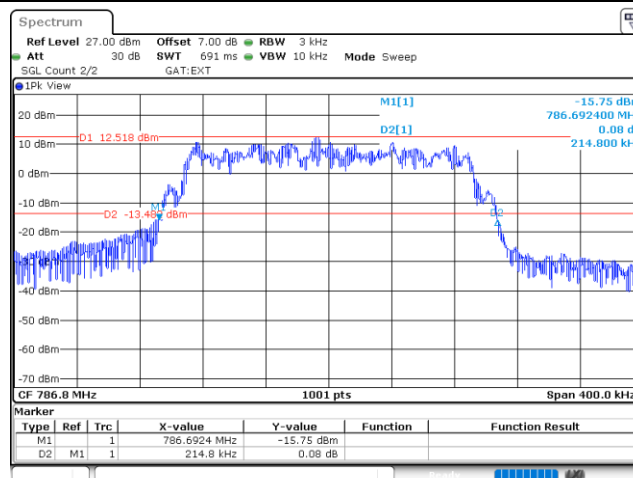
Lowest Channel / 15kHz / QPSK



Middle Channel / 15kHz / QPSK



Highest Channel / 15kHz / QPSK





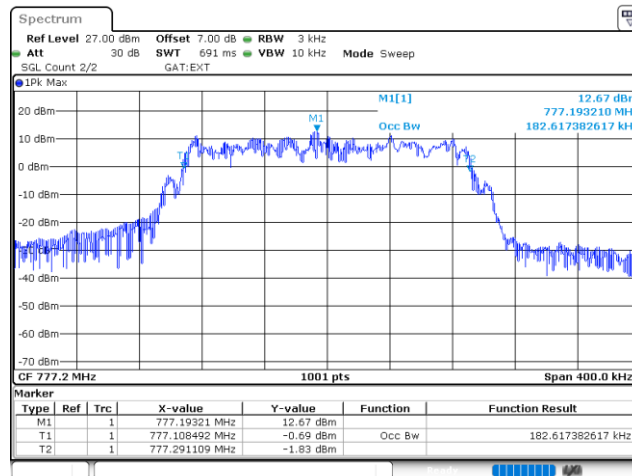
Occupied Bandwidth

Mode	LTE Band 13 : OB(MHz)
Subcarrier Spacing	15kHz
Mod.	QPSK
Lowest CH	0.182
Middle CH	0.183
Highest CH	0.183

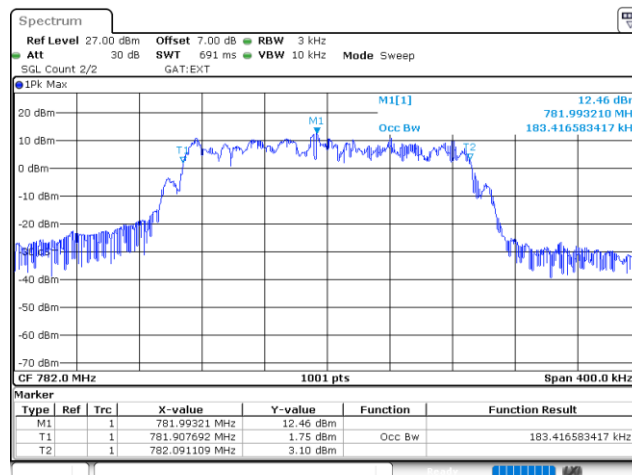


LTE Band 13

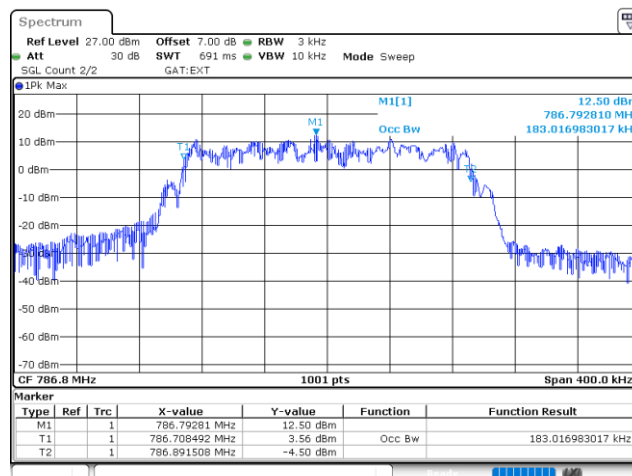
Lowest Channel / 15kHz / QPSK



Middle Channel / 15kHz / QPSK



Highest Channel / 15kHz / QPSK

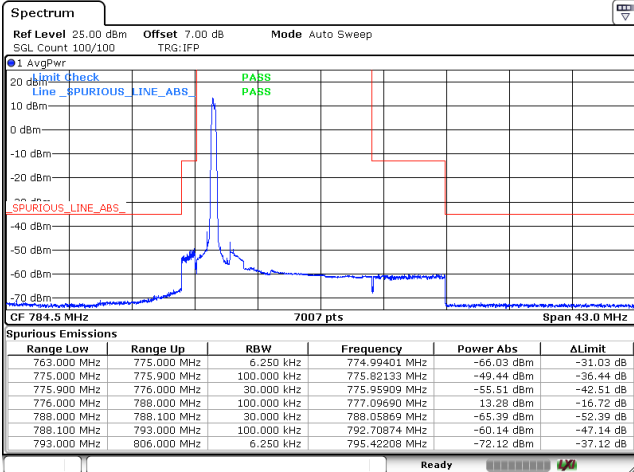




Conducted Band Edge

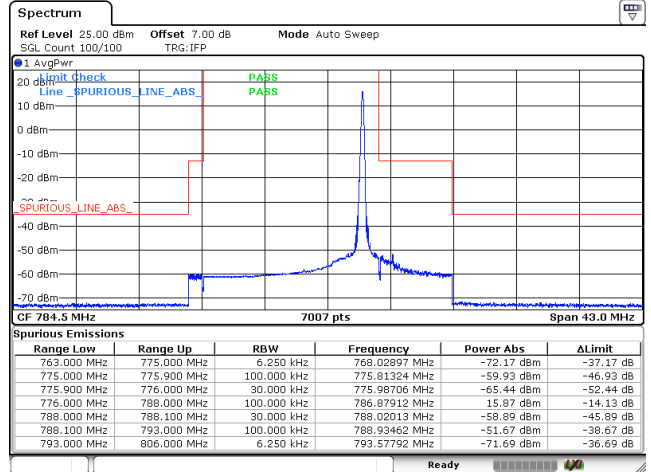
LTE Band 13 / 3.75kHz / BPSK

Lowest Band Edge / 1T



Date: 13.JAN.2026 09:47:42

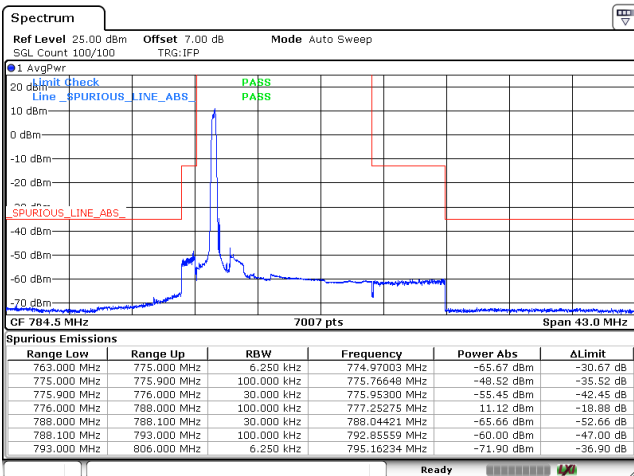
Highest Band Edge / 1T



Date: 13.JAN.2026 09:46:11

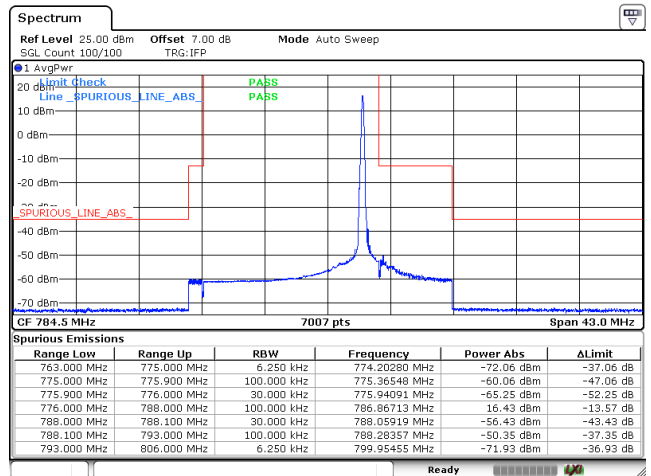
LTE Band 13 / 3.75kHz / QPSK

Lowest Band Edge / 1T



Date: 13.JAN.2026 09:48:54

Highest Band Edge / 1T

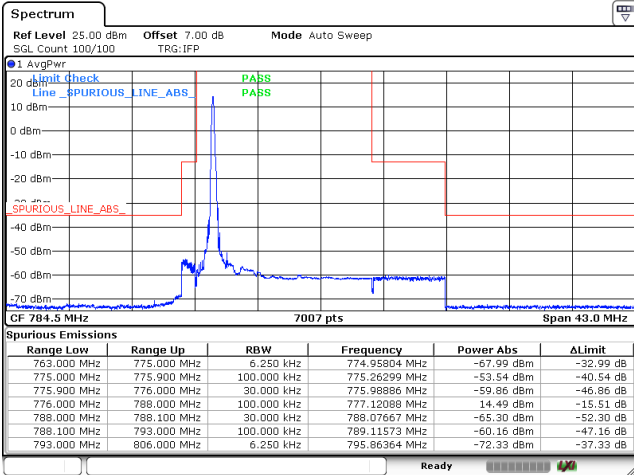


Date: 13.JAN.2026 09:32:43



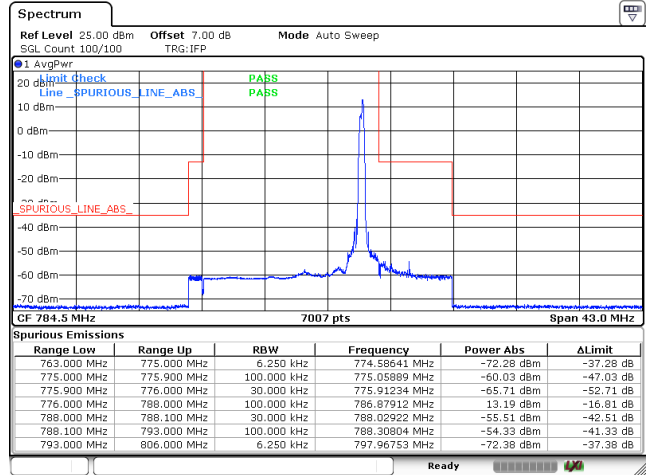
LTE Band 13 / 15kHz

Lowest Band Edge / 1T / BPSK



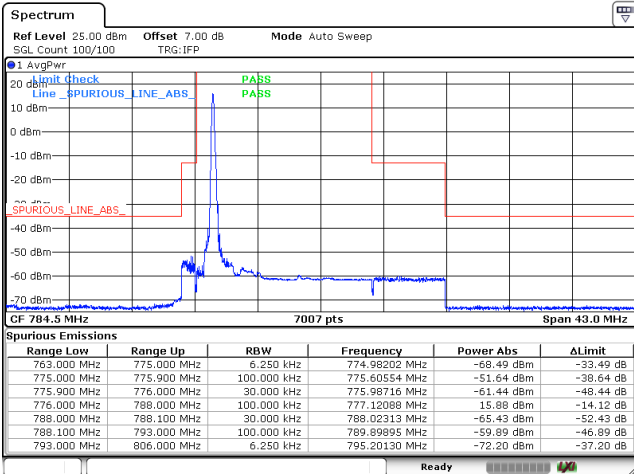
Date: 13.JAN.2026 09:55:32

Highest Band Edge / 1T / BPSK



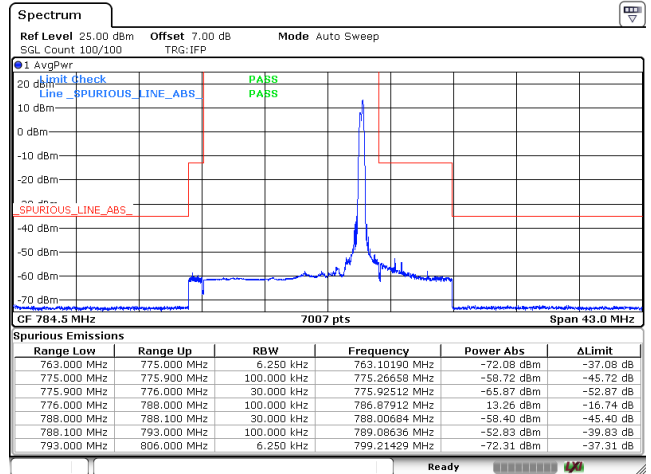
Date: 13.JAN.2026 09:57:11

Lowest Band Edge / 1T / QPSK



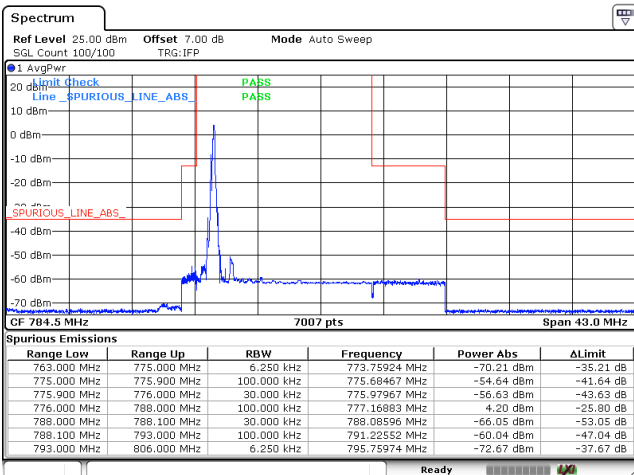
Date: 13.JAN.2026 09:50:21

Highest Band Edge / 1T / QPSK



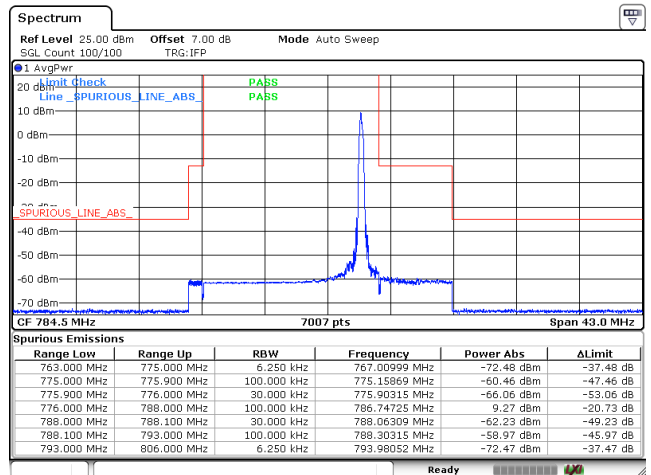
Date: 13.JAN.2026 09:58:31

Lowest Band Edge / Full T / QPSK



Date: 13.JAN.2026 09:54:28

Highest Band Edge / Full T / QPSK



Date: 13.JAN.2026 10:00:21

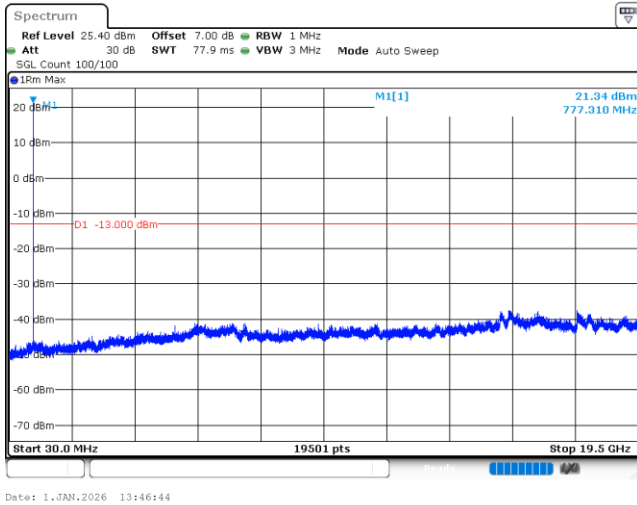


Conducted Spurious Emission

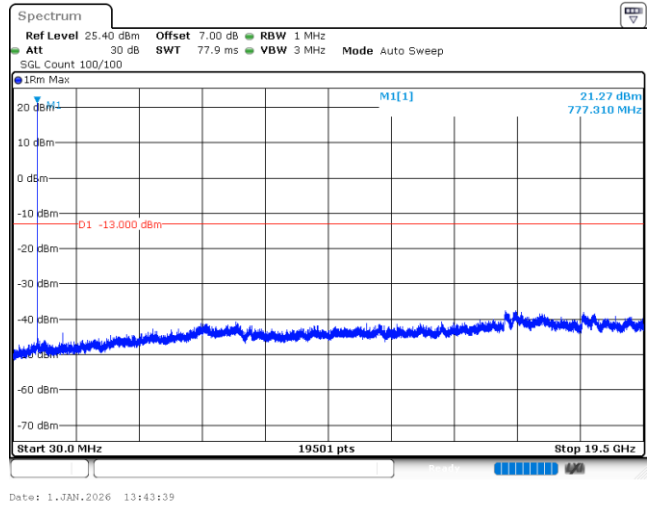


LTE Band 13 / 3.75kHz

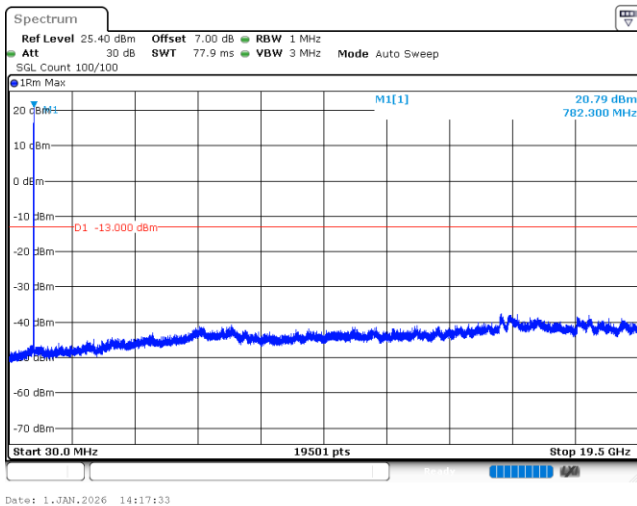
Lowest Channel / BPSK



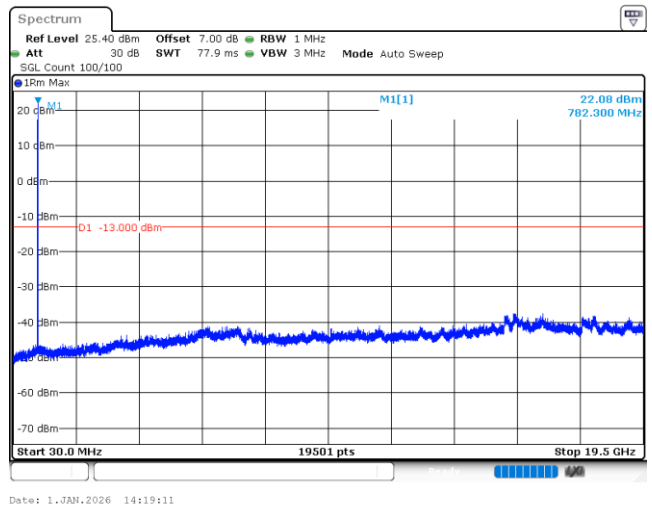
Lowest Channel / QPSK



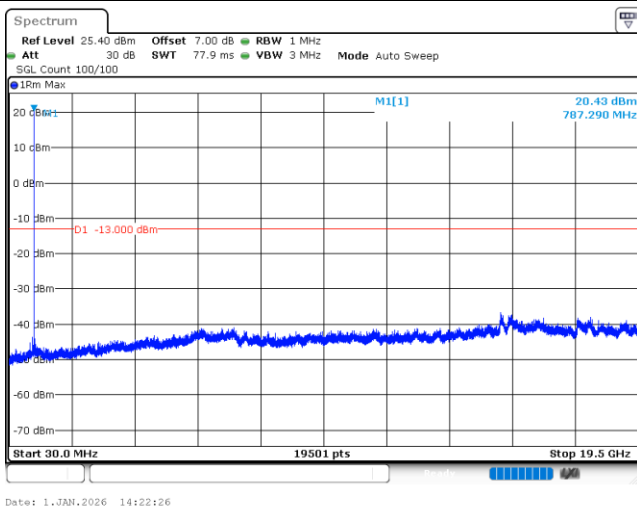
Middle Channel / BPSK



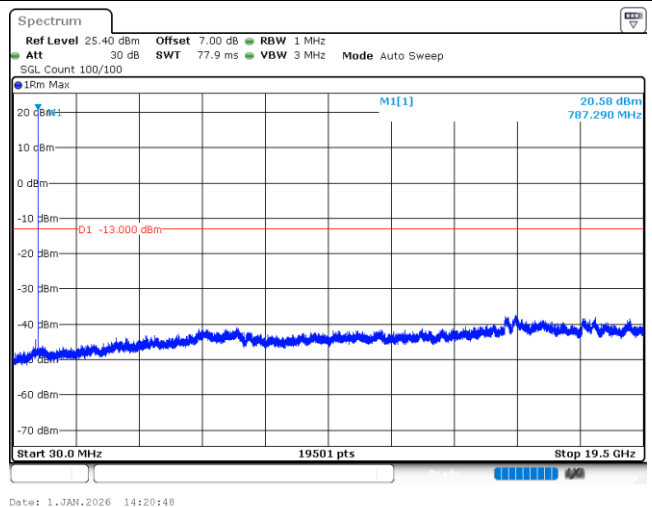
Middle Channel / QPSK



Highest Channel / BPSK



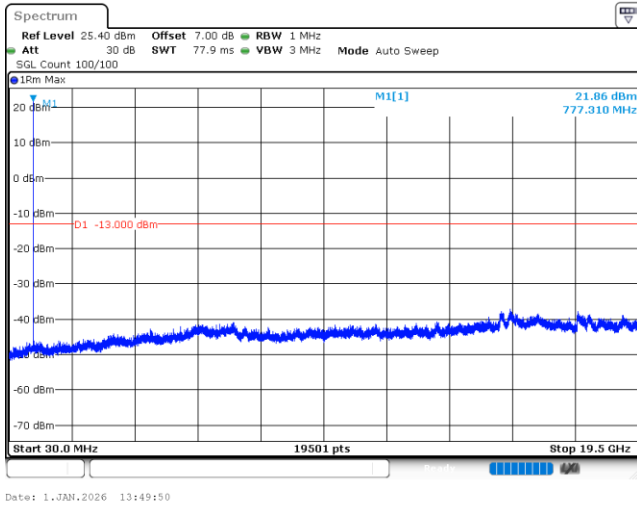
Highest Channel / QPSK



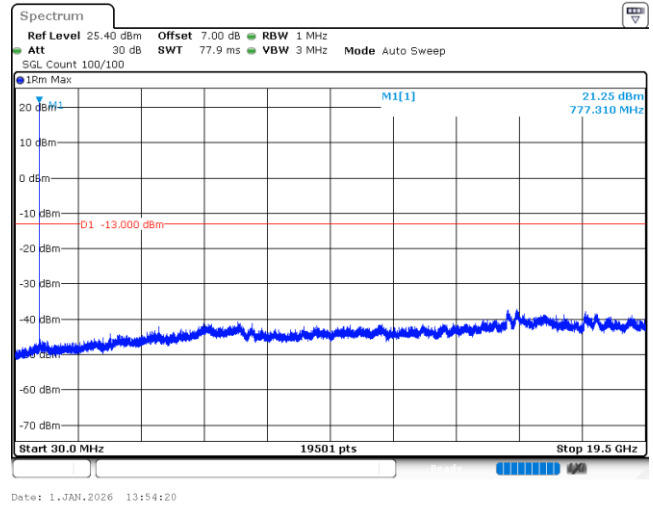


LTE Band 13 / 15kHz

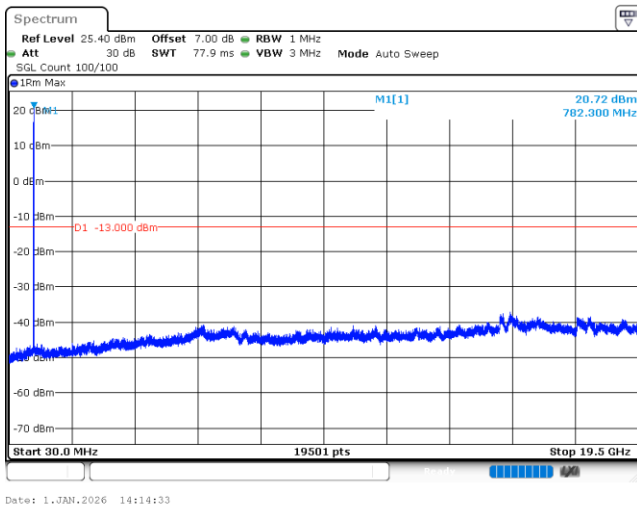
Lowest Channel / BPSK



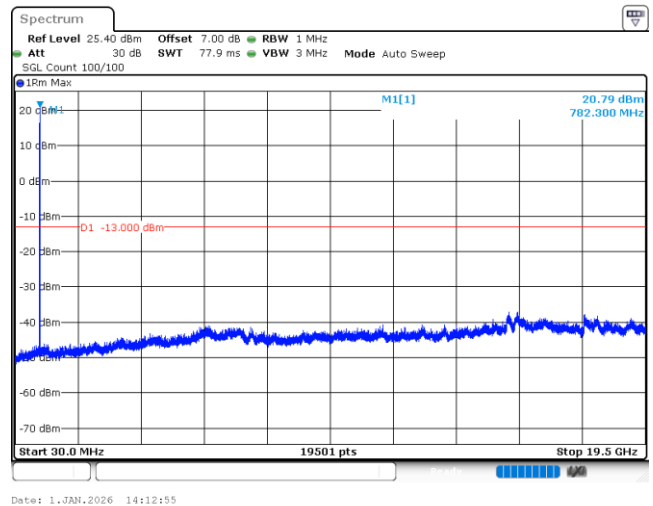
Lowest Channel / QPSK



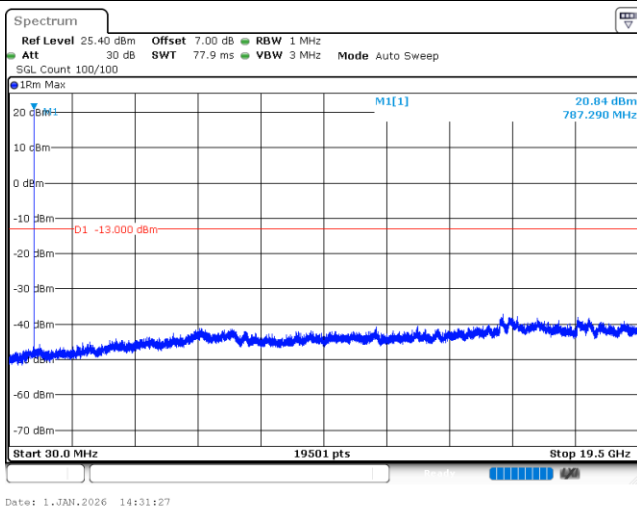
Middle Channel / BPSK



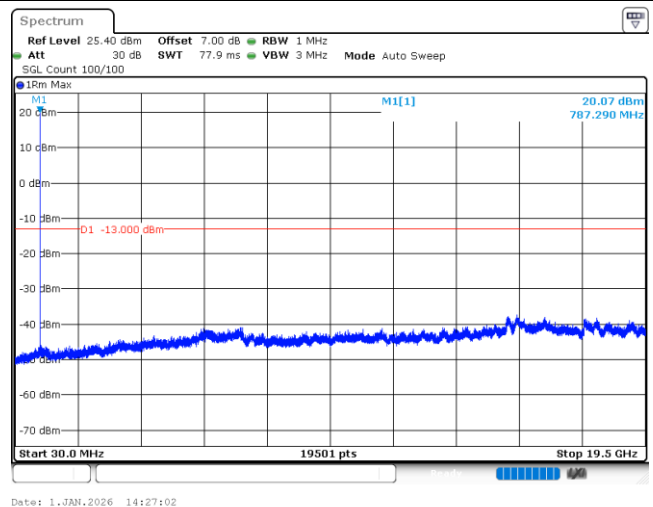
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK



Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel / 15kHz			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0035	2.7	Yes	PASS
40	Normal Voltage	0.0095	7.4	Yes	
30	Normal Voltage	0.0055	-4.3	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0049	3.8	Yes	
0	Normal Voltage	0.0083	6.5	Yes	
-10	Normal Voltage	0.0014	1.1	Yes	
-20	Normal Voltage	0.0088	6.9	Yes	
-30	Normal Voltage	0.0047	3.7	Yes	
20	Maximum Voltage	0.0049	-3.8	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0072	-5.6	Yes	

Note:

1. Normal Voltage = 3.7 V. ; Minimum Voltage = 2.5 V. ; Maximum Voltage = 4.35 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.

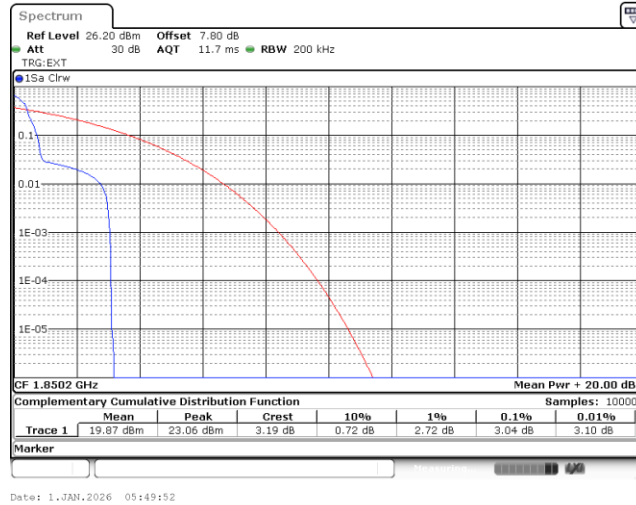
**LTE Band 25****Peak-to-Average Ratio**

Mode	LTE Band 25 / 15kHz			
Mod.	BPSK	QPSK		Limit: 13dB
T Size	1T	1T	Full T	Result
Lowest CH	3.04	2.41	5.13	PASS
Middle CH	3.07	2.38	5.16	
Highest CH	3.13	2.43	5.25	

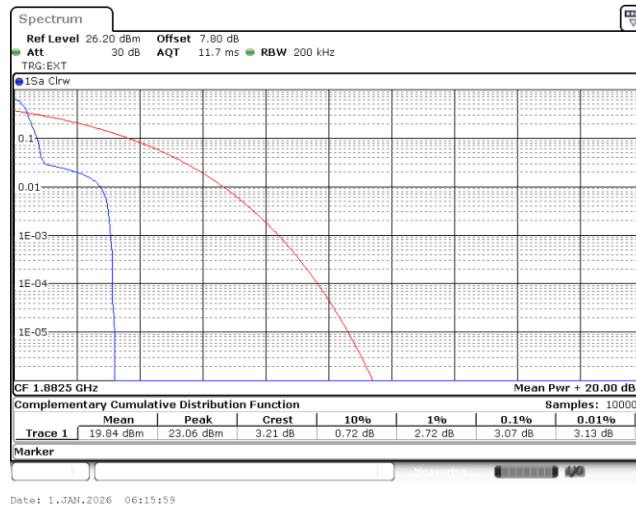


LTE Band 25 / 15kHz / BPSK

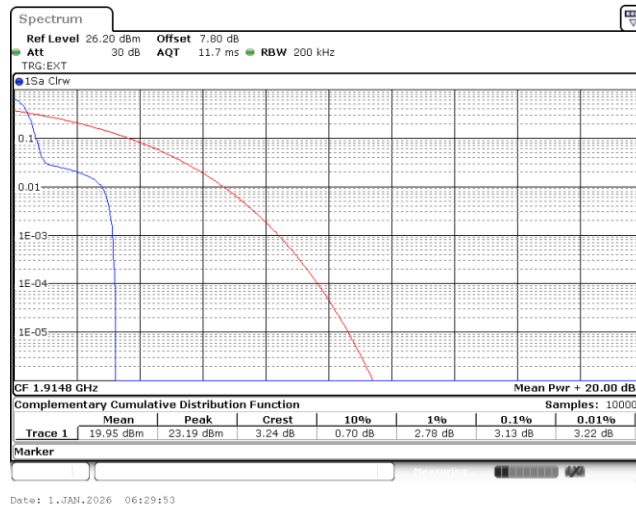
Lowest Channel / 1T



Middle Channel / 1T

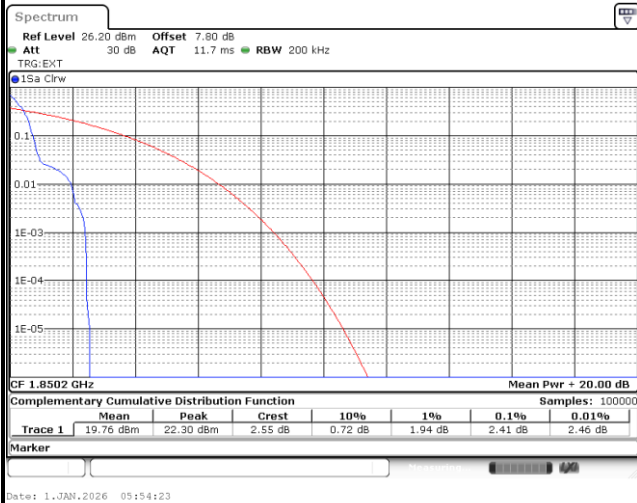


Highest Channel / 1T

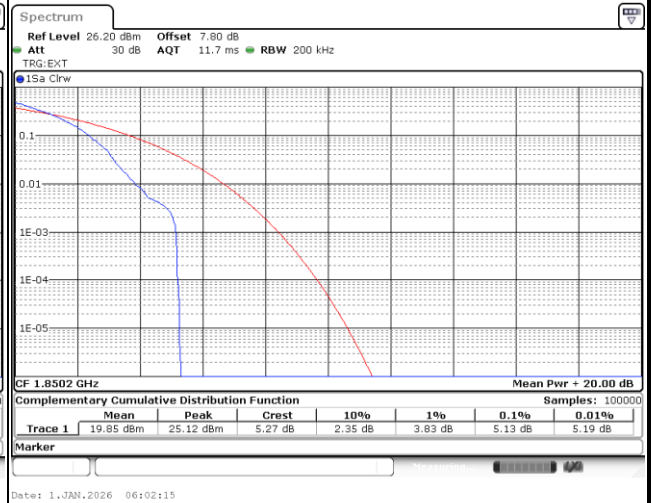


LTE Band 25 / 15kHz / QPSK

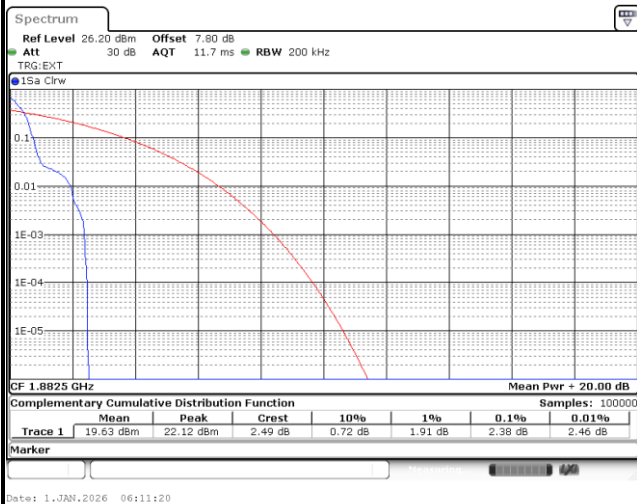
Lowest Channel / 1T



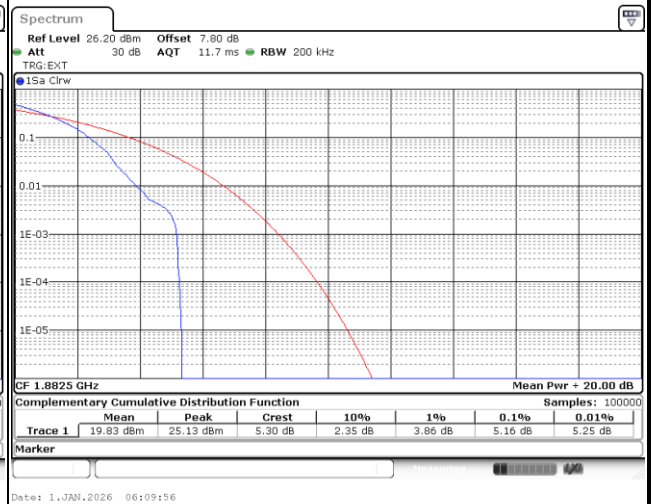
Lowest Channel / Full T



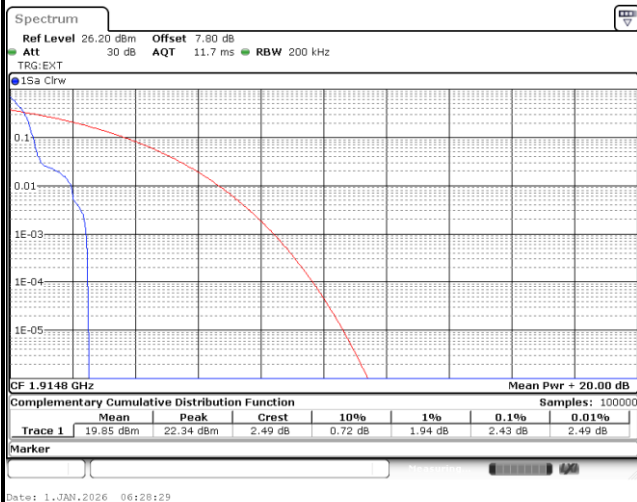
Middle Channel / 1T



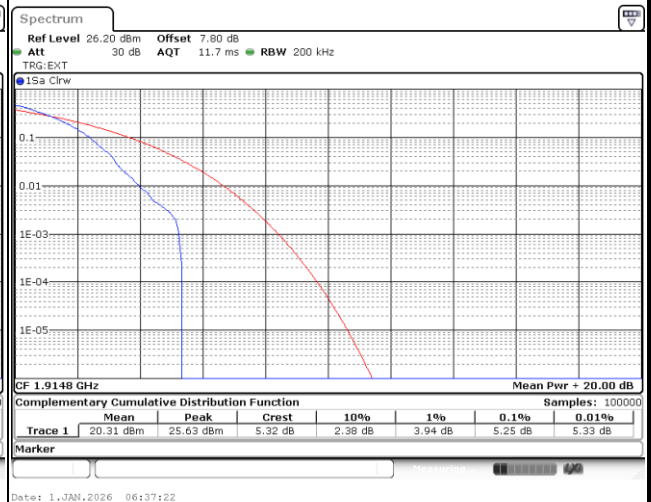
Middle Channel / Full T



Highest Channel / 1T



Highest Channel / Full T





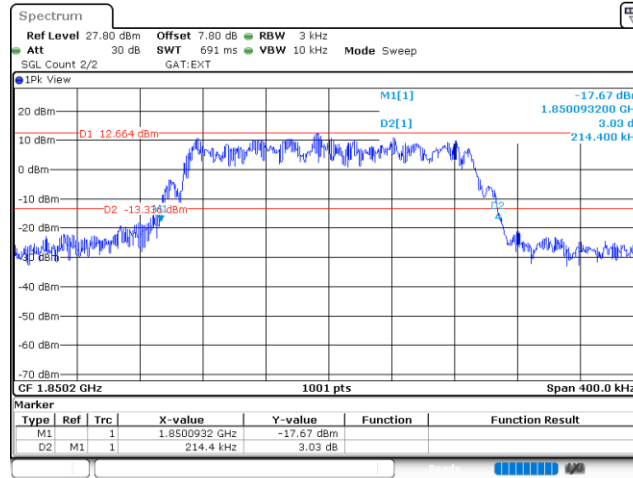
26dB Bandwidth

Mode	LTE Band 25 : 26dB(MHz)
Subcarrier Spacing	15kHz
Mod.	QPSK
Lowest CH	0.214
Middle CH	0.214
Highest CH	0.214

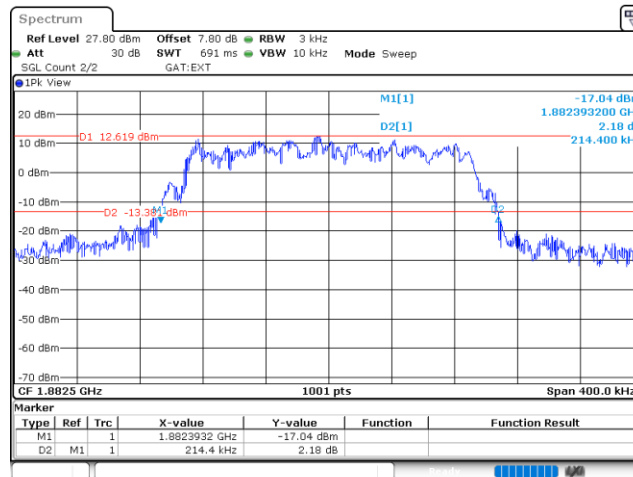


LTE Band 25

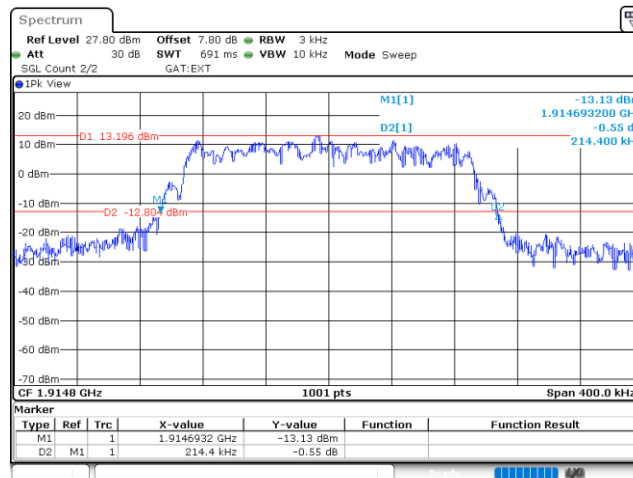
Lowest Channel / 15kHz / QPSK



Middle Channel / 15kHz / QPSK



Highest Channel / 15kHz / QPSK





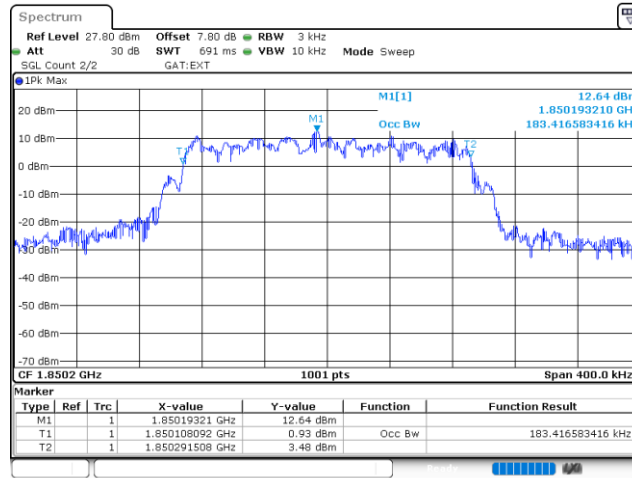
Occupied Bandwidth

Mode	LTE Band 25 : OB(MHz)
Subcarrier Spacing	15kHz
Mod.	QPSK
Lowest CH	0.183
Middle CH	0.183
Highest CH	0.183



LTE Band 25

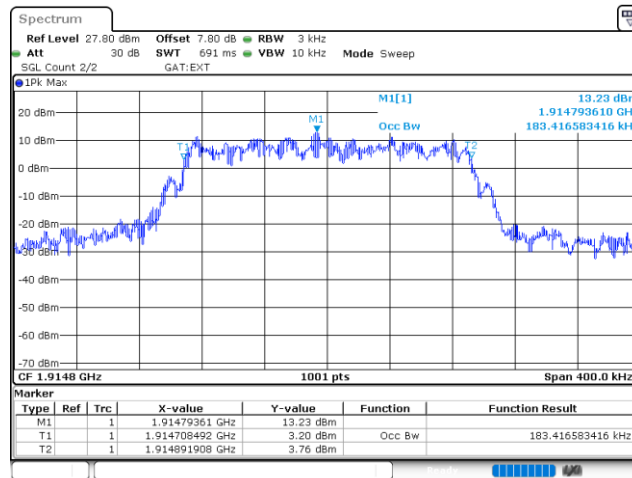
Lowest Channel / 15kHz / QPSK

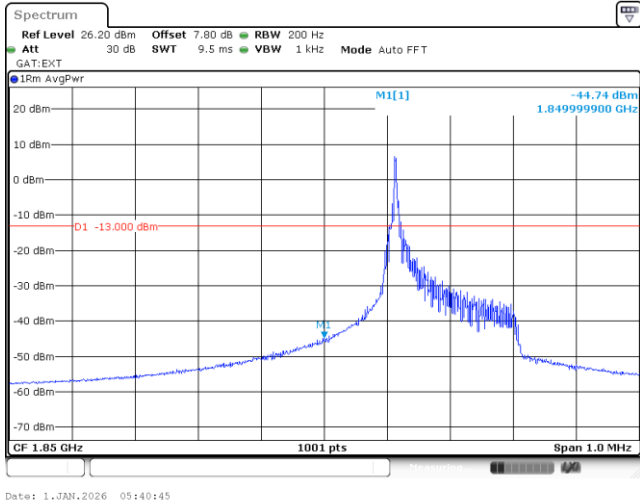
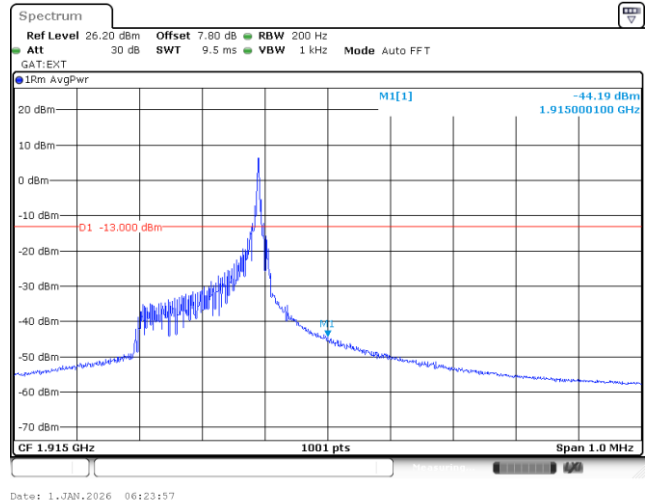
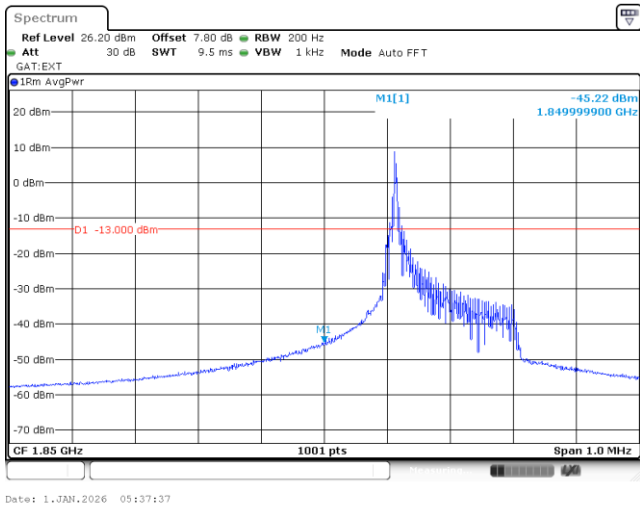
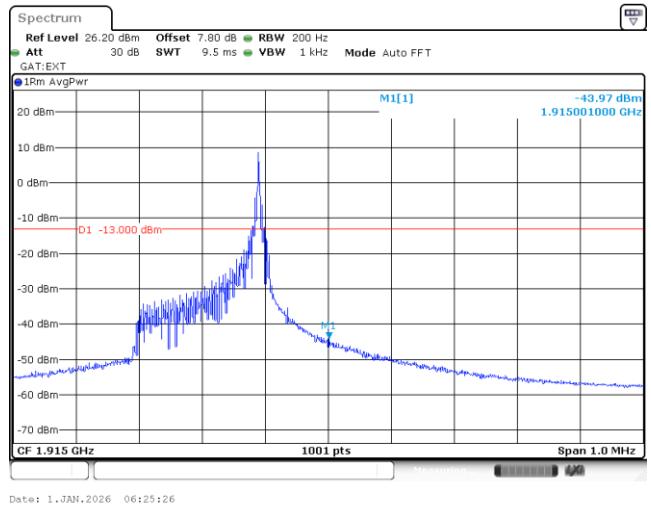


Middle Channel / 15kHz / QPSK



Highest Channel / 15kHz / QPSK

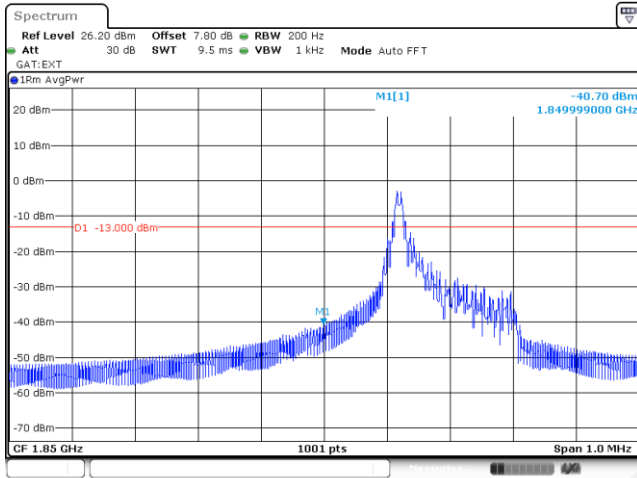


**Conducted Band Edge****LTE Band 25 / 3.75kHz / BPSK****Lowest Band Edge / 1T****Highest Band Edge / 1T****LTE Band 25 / 3.75kHz / QPSK****Lowest Band Edge / 1T****Highest Band Edge / 1T**

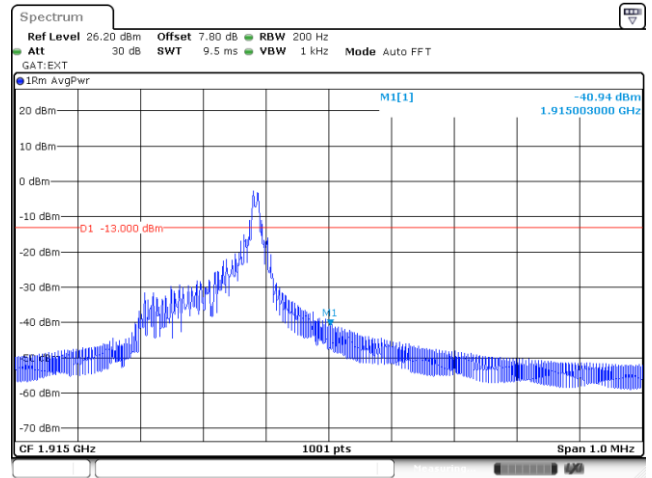


LTE Band 25 / 15kHz

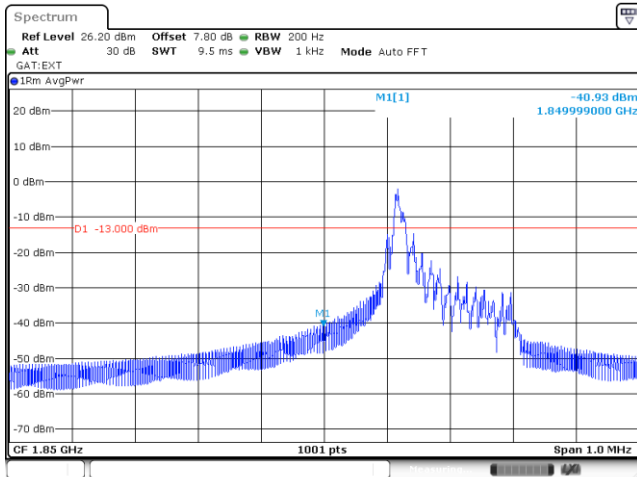
Lowest Band Edge / 1T / BPSK



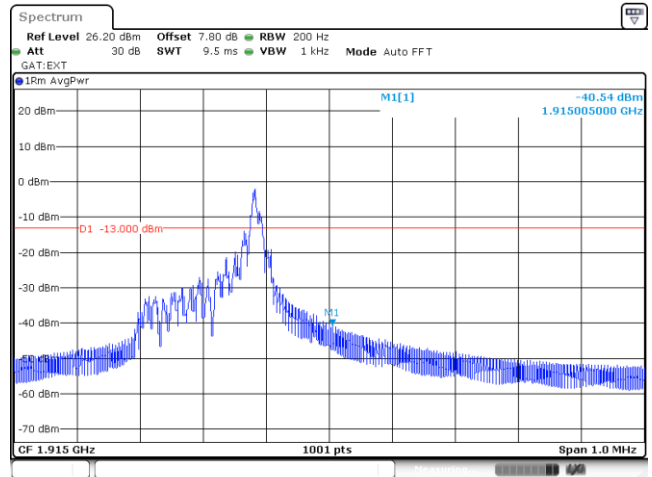
Highest Band Edge / 1T / BPSK



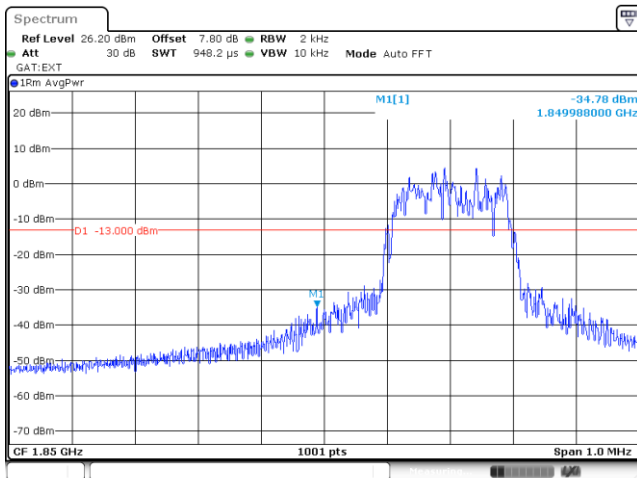
Lowest Band Edge / 1T / QPSK



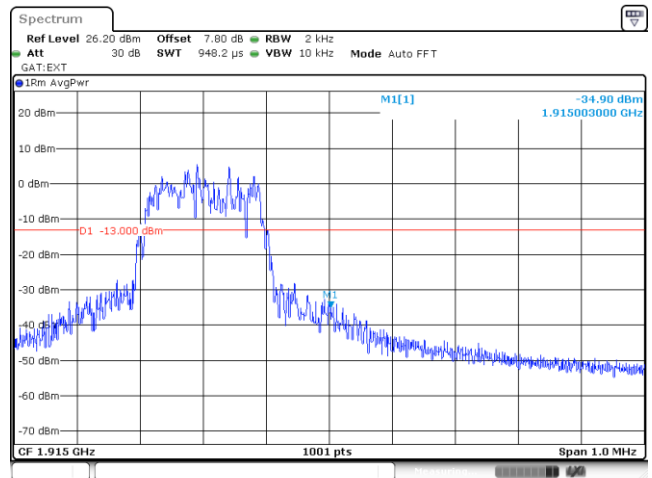
Highest Band Edge / 1T / QPSK



Lowest Band Edge / Full T / QPSK



Highest Band Edge / Full T / QPSK



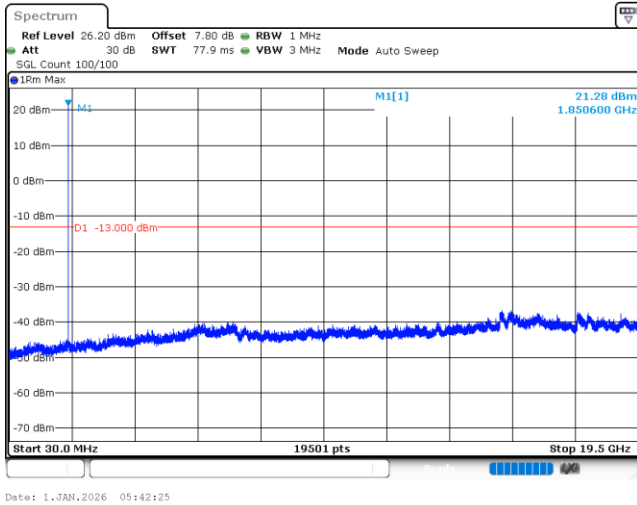


Conducted Spurious Emission

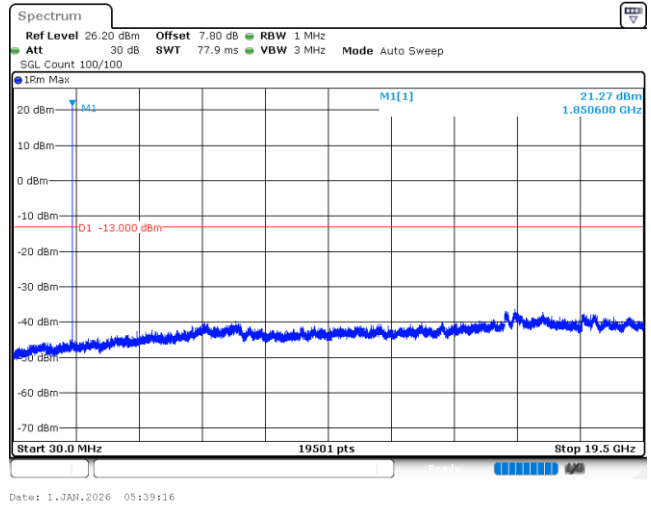


LTE Band 25 / 3.75kHz

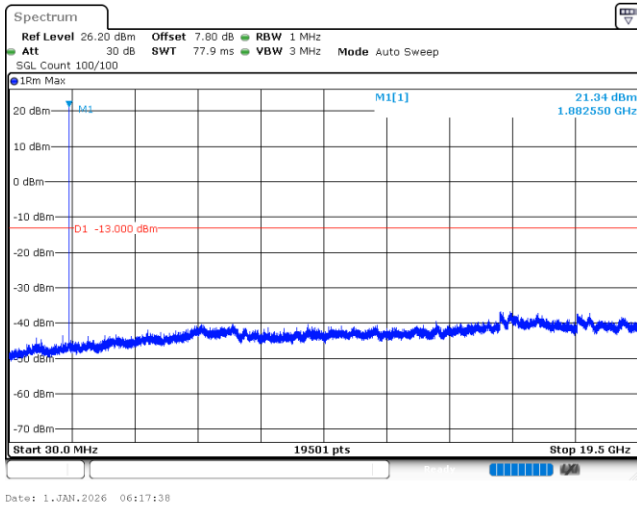
Lowest Channel / BPSK



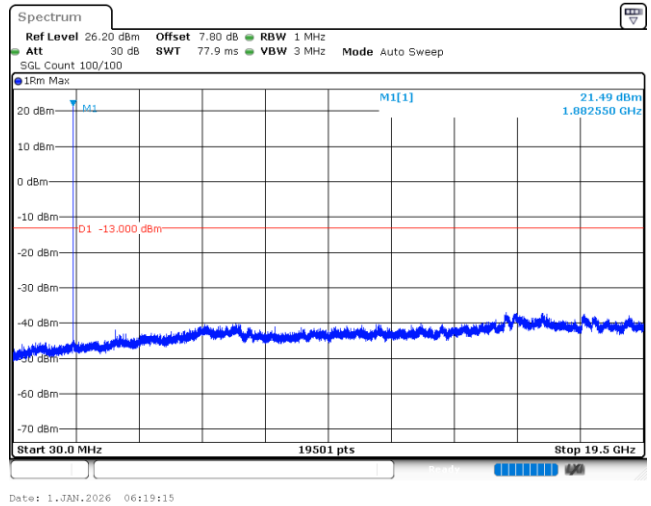
Lowest Channel / QPSK



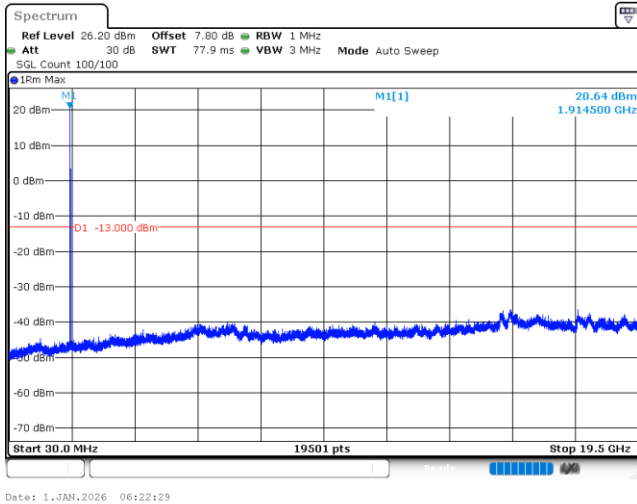
Middle Channel / BPSK



Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

