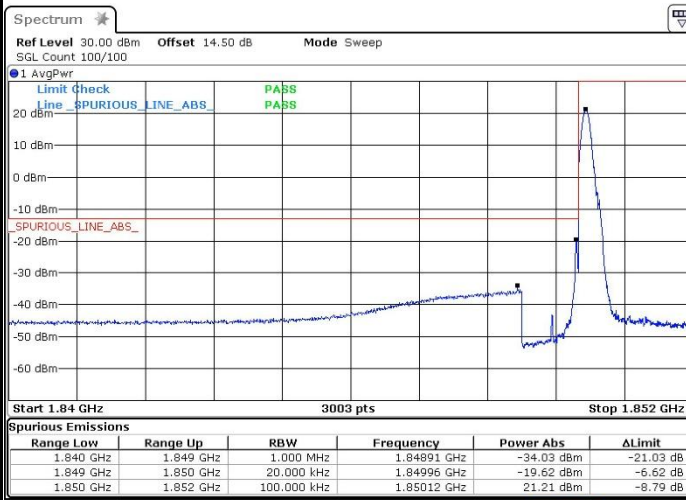




LTE Band 2 / 15K

Lowest Band Edge / 1SC0 / BPSK

Highest Band Edge / 1SC11 / BPSK



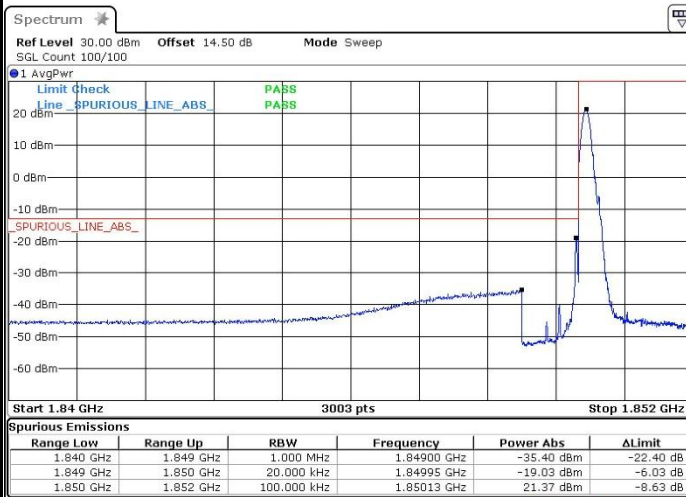
Date: 3.JUL.2025 15:15:37



Date: 3.JUL.2025 15:25:17

Lowest Band Edge / 1SC0 / QPSK

Highest Band Edge / 1SC11 / QPSK



Date: 3.JUL.2025 15:15:28



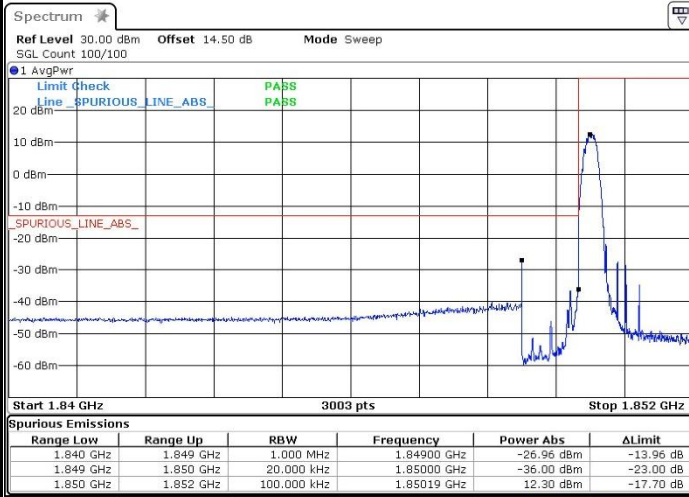
Date: 3.JUL.2025 15:25:03



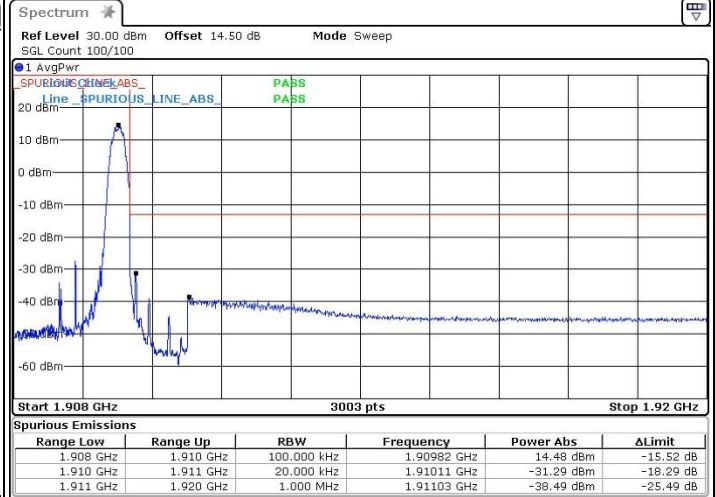
LTE Band 2 / 15K

Lowest Band Edge / 12SC0 / QPSK

Highest Band Edge / 12SC0 / QPSK



Date: 3.OUL.2025 15:16:38



Date: 3.OUL.2025 15:24:37

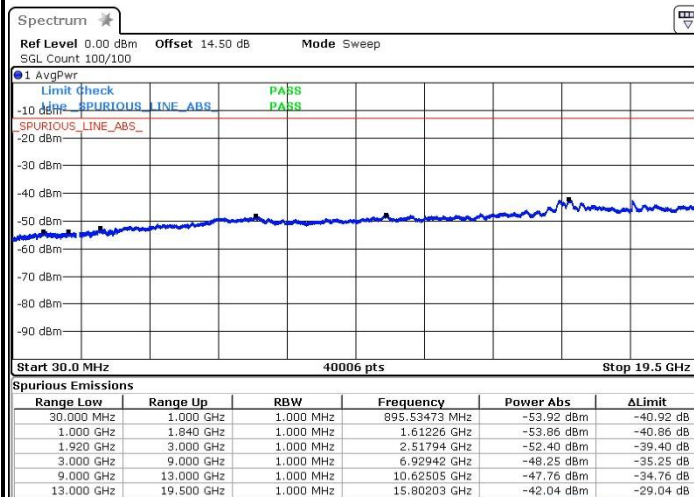


Conducted Spurious Emission

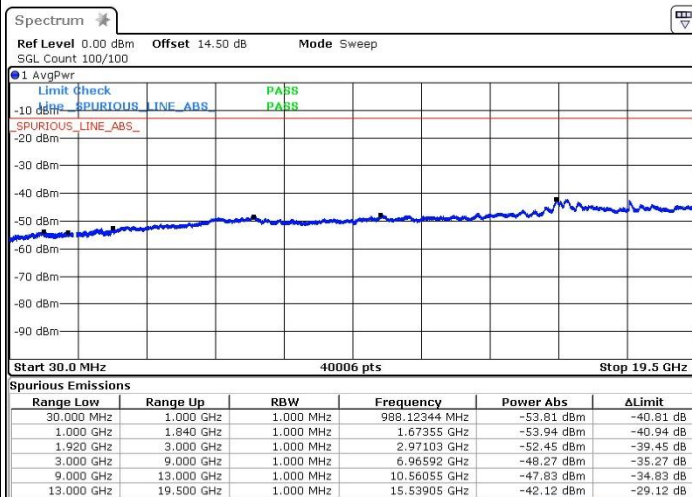
LTE Band 2 / 3.75K

Lowest Channel / 1SC0 / BPSK

Lowest Channel / 1SC0 / QPSK



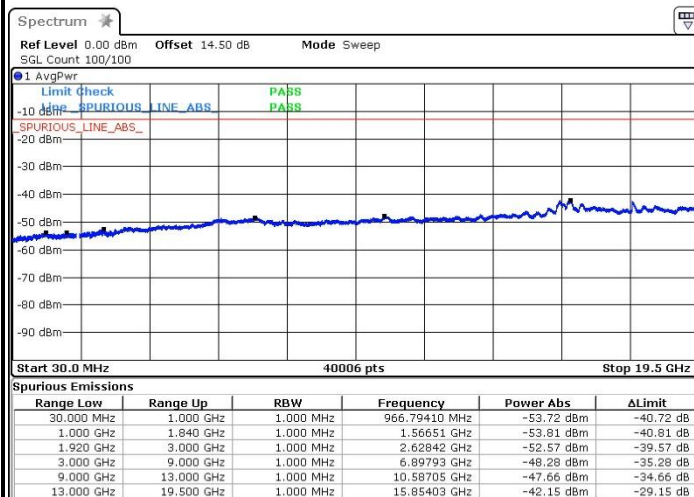
Date: 3.JUL.2025 11:03:52



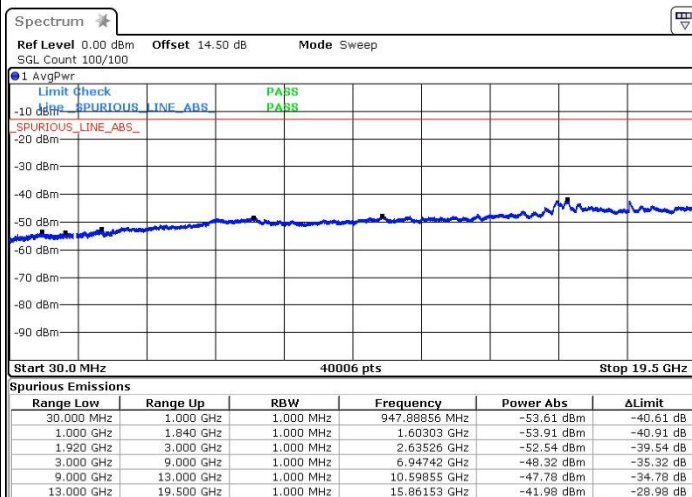
Date: 3.JUL.2025 11:02:17

Middle Channel / 1SC0 / BPSK

Middle Channel / 1SC0 / QPSK



Date: 3.JUL.2025 11:00:18



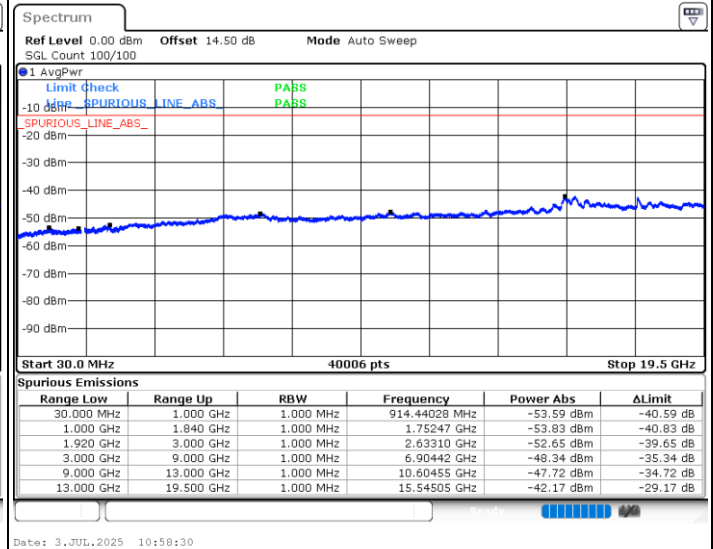
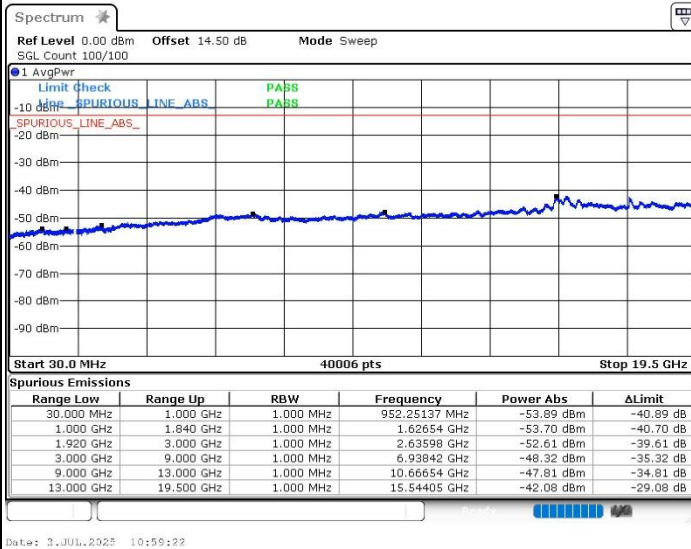
Date: 3.JUL.2025 11:01:21



LTE Band 2 / 3.75K

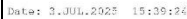
Highest Channel / 1SC0 / BPSK

Highest Channel / 1SC0 / QPSK





Lowest Channel / 1SC0 / QPSK



Middle Channel / 1SC0 / QPSK

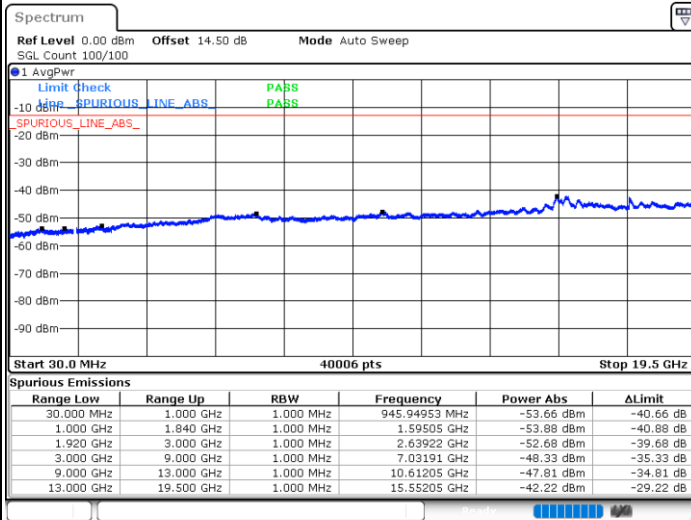




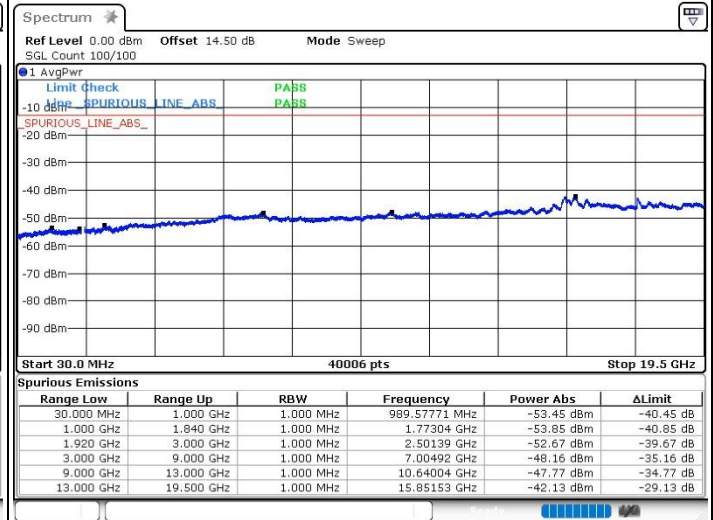
LTE Band 2 / 5MHz

Highest Channel / 1SC0 / BPSK

Highest Channel / 1SC0 / QPSK



Date: 3.JUL.2025 15:27:20



Date: 3.JUL.2025 15:34:21

Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	15K	Within Band
		Frequency Offset (Δf) (Hz)	Result
50	Normal Voltage	1.3	PASS
40	Normal Voltage	1.6	
30	Normal Voltage	1.8	
20(Ref.)	Normal Voltage	-1.3	
10	Normal Voltage	1.5	
0	Normal Voltage	-1.7	
-10	Normal Voltage	1.4	
-20	Normal Voltage	2.7	
-30	Normal Voltage	2.4	
20	Maximum Voltage	2.1	
20	Normal Voltage	-1.3	
20	Minimum Voltage	2.5	

Note:

1. Normal Voltage = 5 V. ; Binimun Voltage = 4.8 V. ; Maximum Voltage = 5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

$$|\text{MAX}(\Delta f)| = 2.7\text{Hz}$$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	1850.105931	$\geq 1850 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	1909.900223	$\leq 1910 \text{ MHz}$	



LTE Band 4

Peak-to-Average Ratio

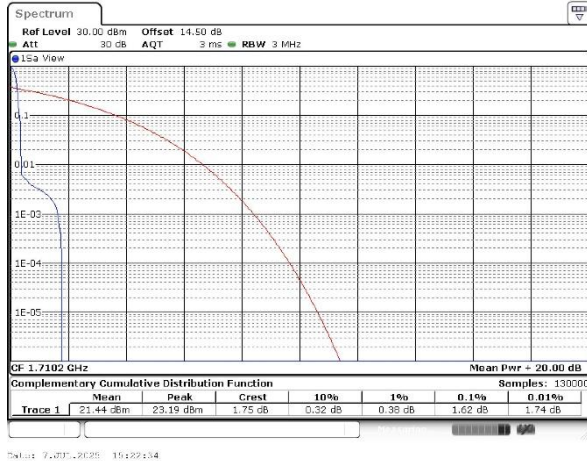
Mode	LTE Band 4 / 3.75K				
Mod.	BPSK		QPSK		Limit: 13dB
RB Size	1SCO	N/A	1SCO	N/A	Result
Lowest CH	1.62		1.97		PASS
Middle CH	1.97		1.65		
Highest CH	1.19		1.97		

Mode	LTE Band 4 / 15K				
Mod.	BPSK		QPSK		Limit: 13dB
RB Size	1SCO	N/A	1SCO	12SCO	Result
Lowest CH	1.57		1.54	5.77	PASS
Middle CH	1.45		1.45	5.42	
Highest CH	1.45		1.51	5.48	

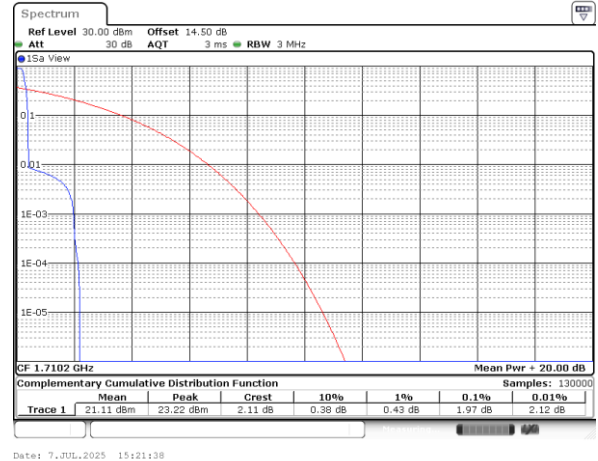


LTE Band 4 / 3.75K

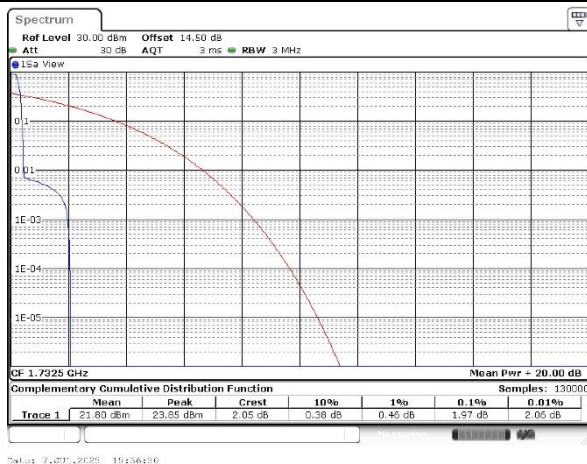
Lowest Channel / 1SCO / BPSK



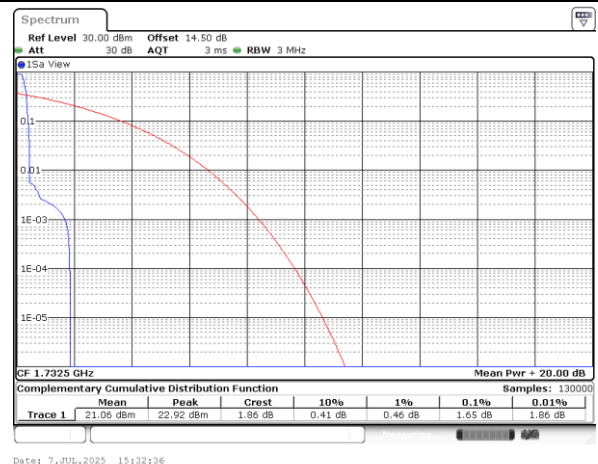
Lowest Channel / 1SCO / QPSK



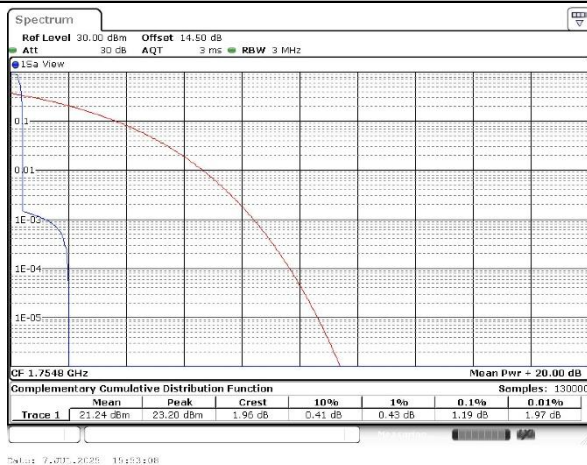
Middle Channel / 1SCO / BPSK



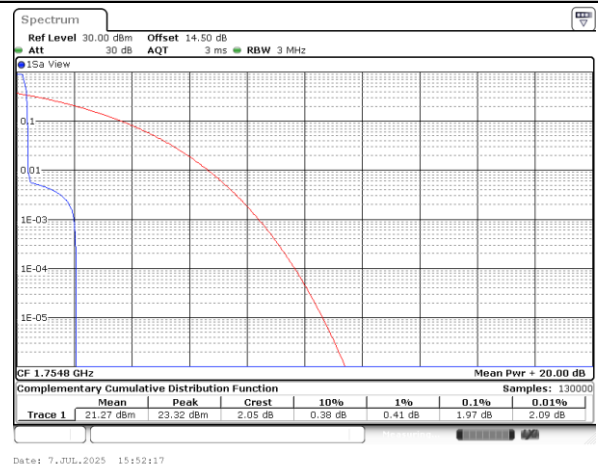
Middle Channel / 1SCO / QPSK



Highest Channel / 1SCO / BPSK



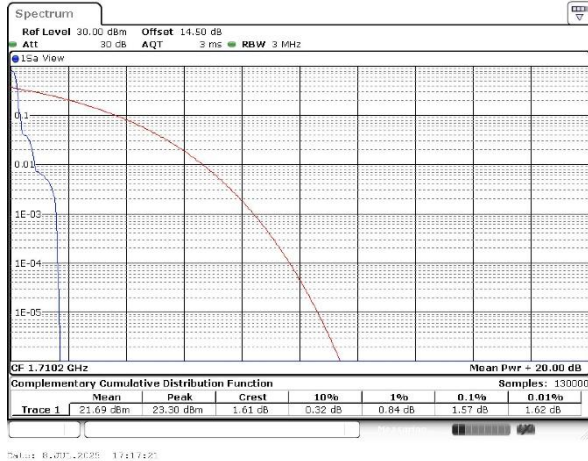
Highest Channel / 1SCO / QPSK



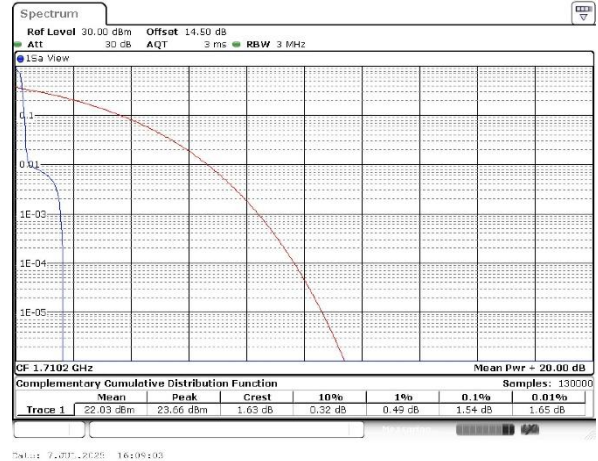


LTE Band 4 / 15K

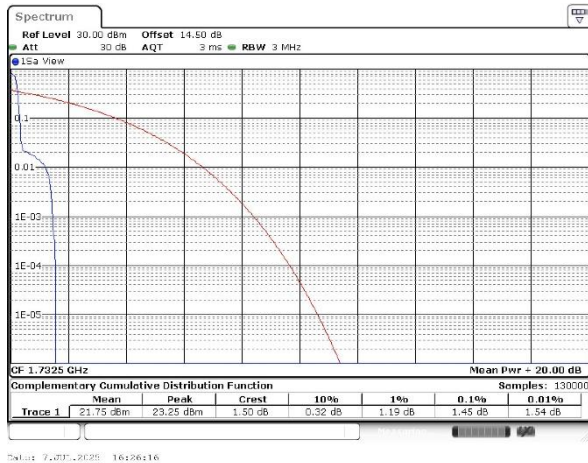
Lowest Channel / 1SC0 / BPSK



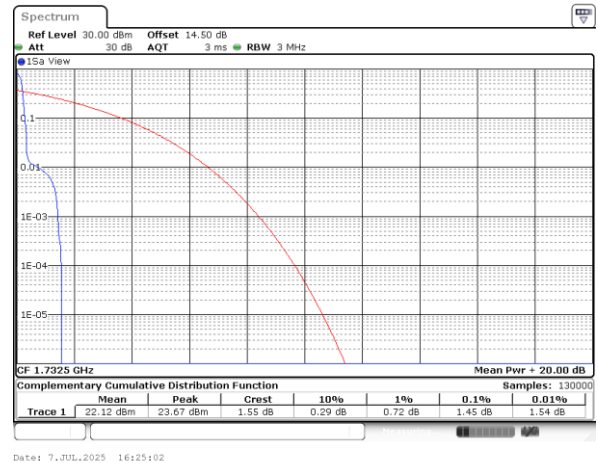
Lowest Channel / 1SC0 / QPSK



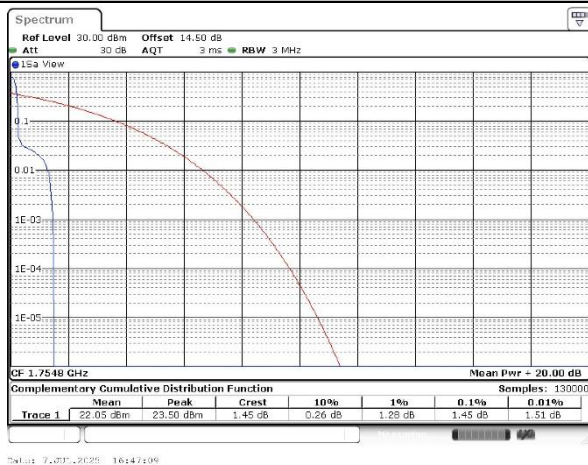
Middle Channel / 1SC0 / BPSK



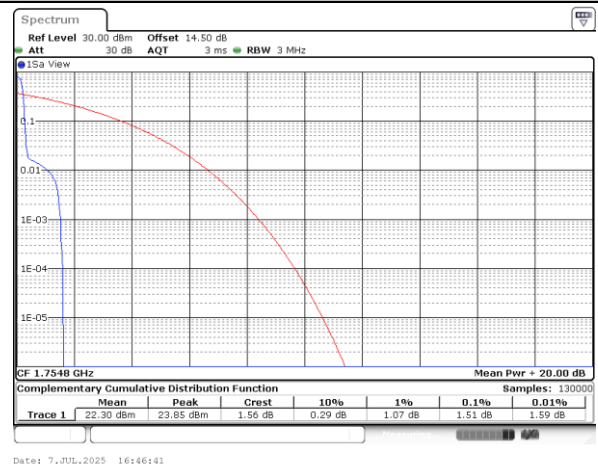
Middle Channel / 1SC0 / QPSK



Highest Channel / 1SC0 / BPSK



Highest Channel / 1SC0 / QPSK

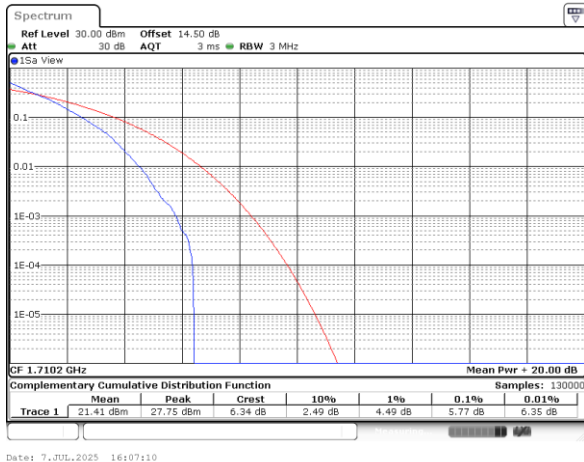




LTE Band 4 / 15K

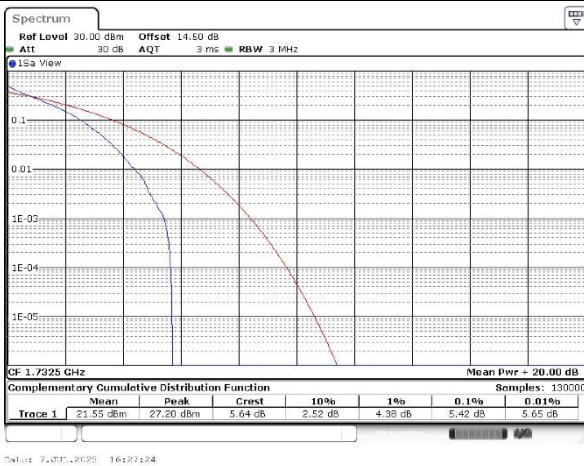
Lowest Channel / 12SC0 / QPSK

N/A



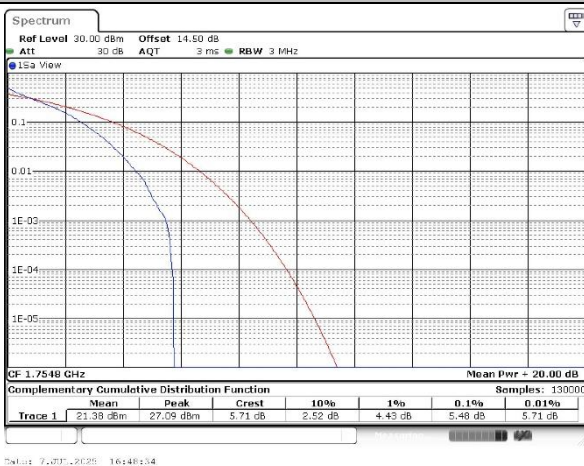
Middle Channel / 12SC0 / QPSK

N/A



Highest Channel / 12SC0 / QPSK

N/A





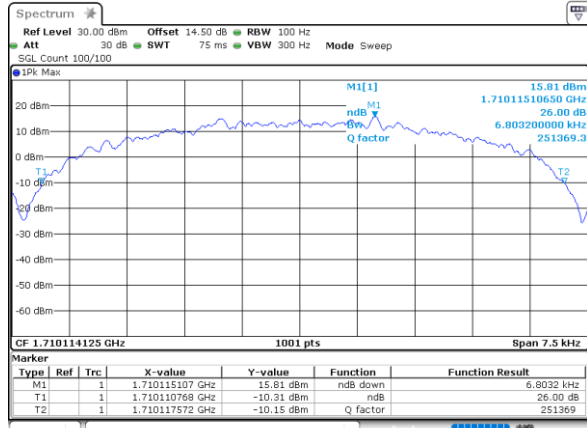
26dB Bandwidth

Mode	LTE Band 4 : 26dB BW(KHz)											
BW	3.75K		15K				N/A		N/A		N/A	
Mod.	BPSK	QPSK	BPSK	QPSK	QPSK							
RB Size	1SCO	1SCO	1SCO	1SCO	12SCO							
Lowest CH	6.80	6.83	26.43	26.40	240.44							
Middle CH	6.77	6.89	26.04	26.16	241.32							
Highest CH	6.80	6.81	26.22	26.22	242.64							

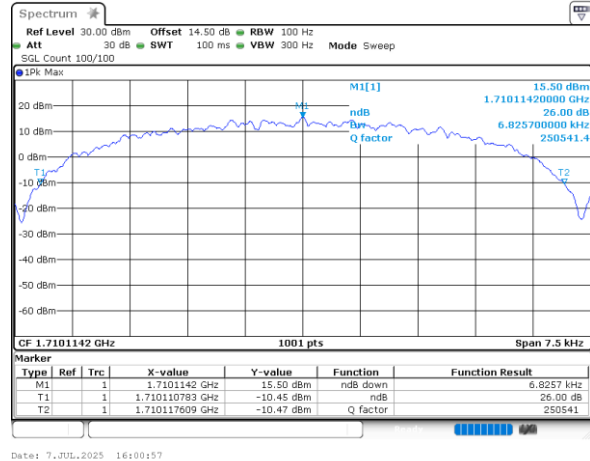


LTE Band 4 3.75K

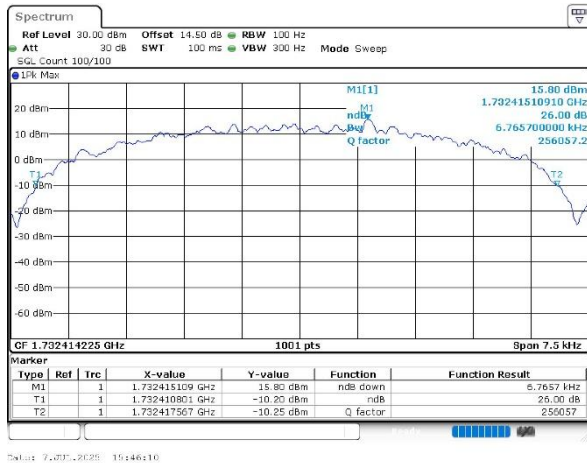
Lowest Channel / 1SC0 / BPSK



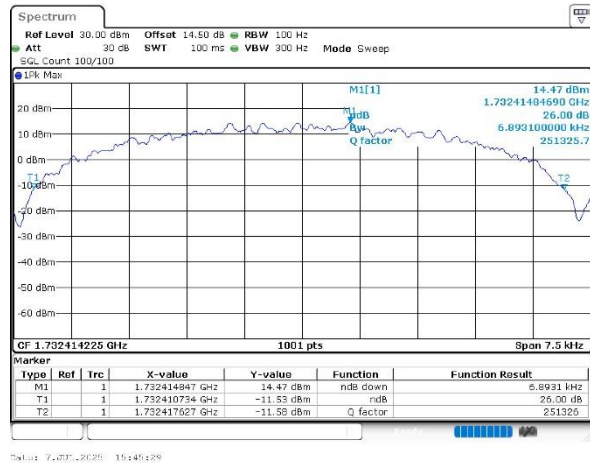
Lowest Channel / 1SC0 / QPSK



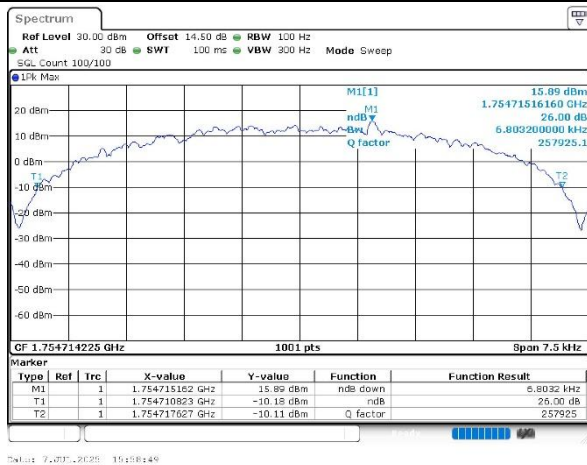
Middle Channel / 1SC0 / BPSK



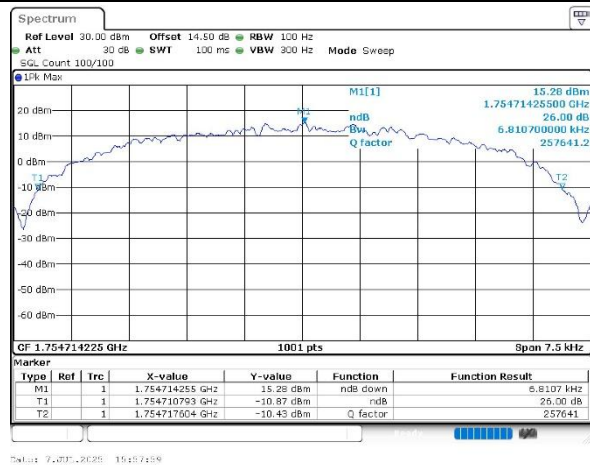
Middle Channel / 1SC0 / QPSK



Highest Channel / 1SC0 / BPSK



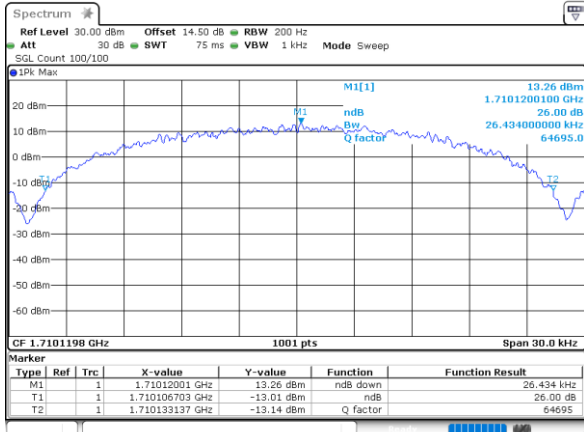
Highest Channel / 1SC0 / QPSK



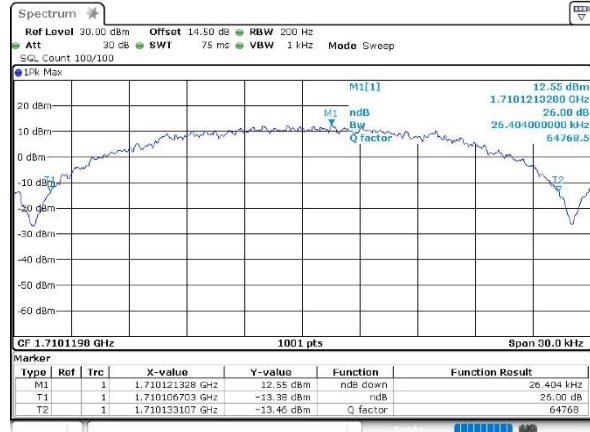


LTE Band 4 15K

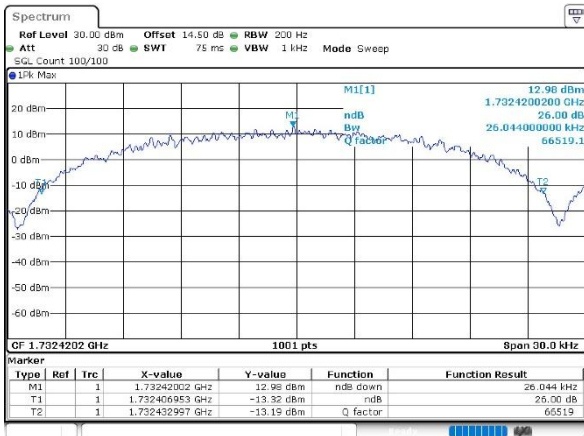
Lowest Channel / 1SC0 / BPSK



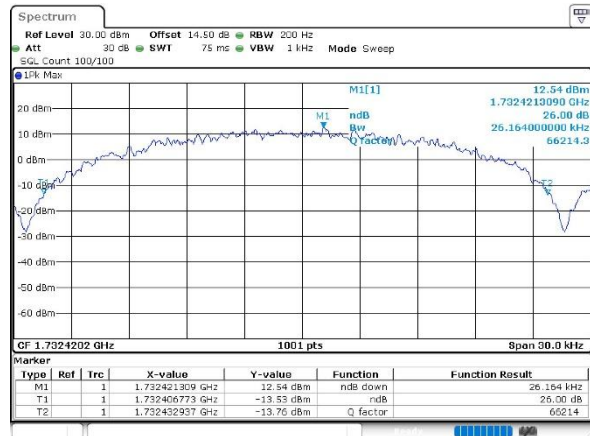
Lowest Channel / 1SC0 / QPSK



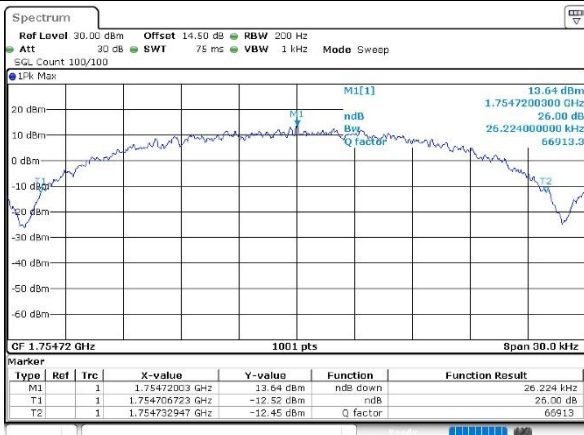
Middle Channel / 1SC0 / BPSK



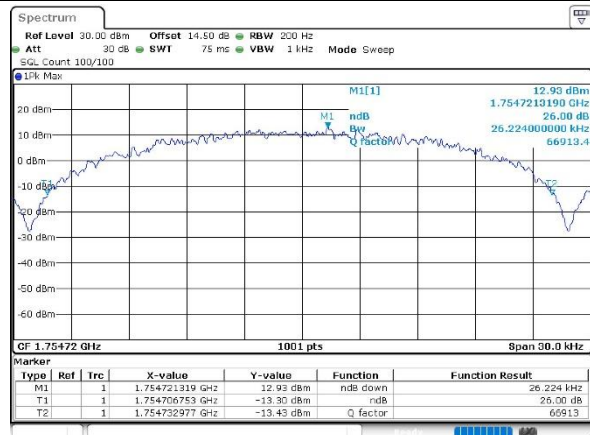
Middle Channel / 1SC0 / QPSK



Highest Channel / 1SC0 / BPSK



Highest Channel / 1SC0 / QPSK





LTE Band 4 15K

Lowest Channel / 12SC0 / QPSK

N/A



Middle Channel / 12SC0 / QPSK

N/A



Highest Channel / 12SC0 / QPSK

N/A





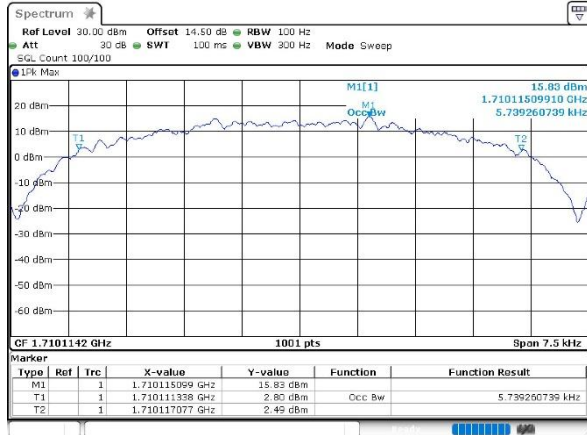
Occupied Bandwidth

Mode	LTE Band 4 : 99%OBW(KHz)											
BW	3.75K		15K				N/A		N/A		N/A	
Mod.	BPSK	QPSK	BPSK	QPSK	QPSK							
RB Size	1SCO	1SCO	1SCO	1SCO	12SCO							
Lowest CH	5.74	5.70	21.73	21.85	189.89							
Middle CH	5.67	5.69	21.70	21.88	183.30							
Highest CH	5.73	5.69	21.70	21.88	185.05							

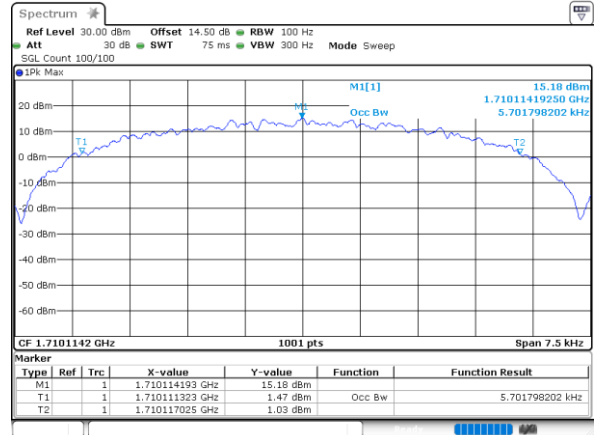


LTE Band 4 3.75K

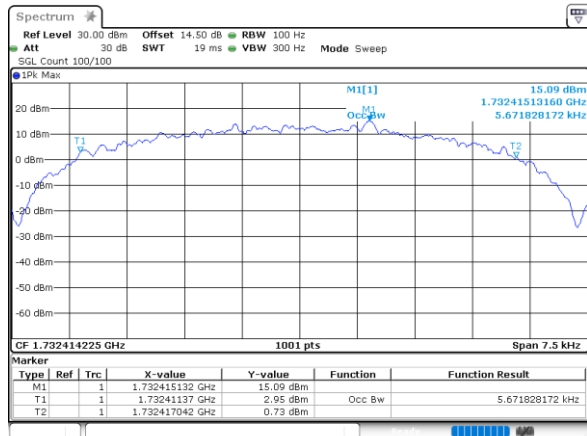
Lowest Channel / 1SCO / BPSK



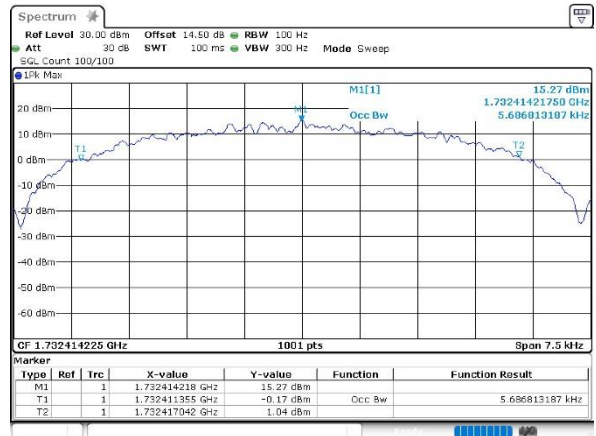
Lowest Channel / 1SCO / QPSK



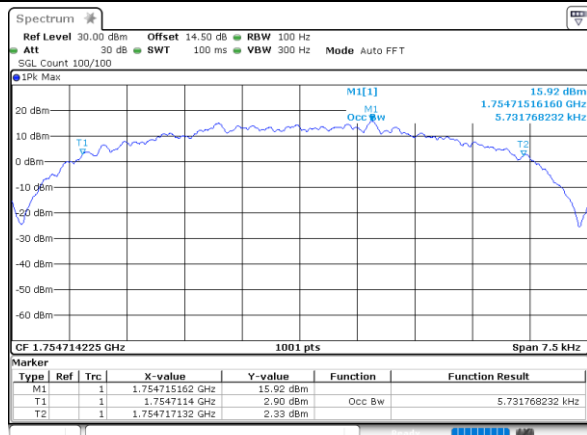
Middle Channel / 1SCO / BPSK



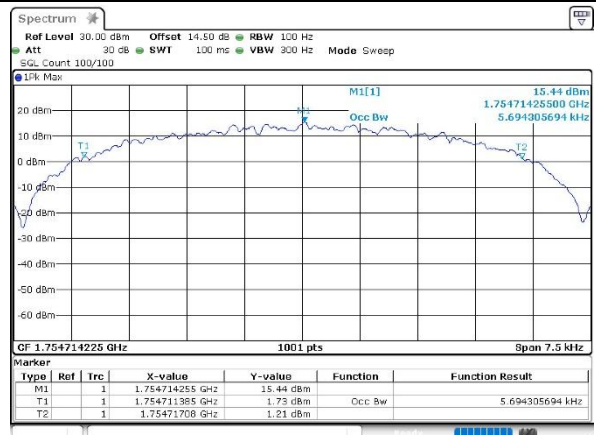
Middle Channel / 1SCO / QPSK



Highest Channel / 1SCO / BPSK



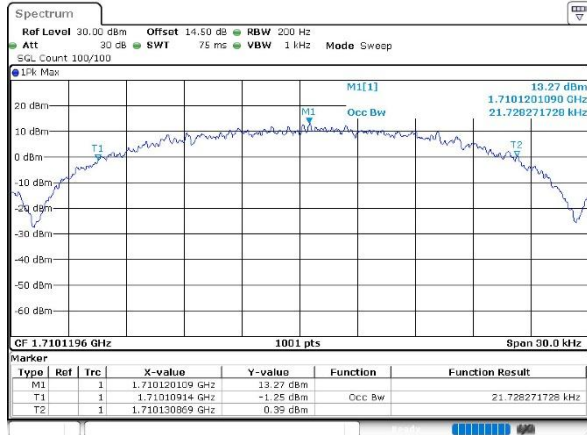
Highest Channel / 1SCO / QPSK



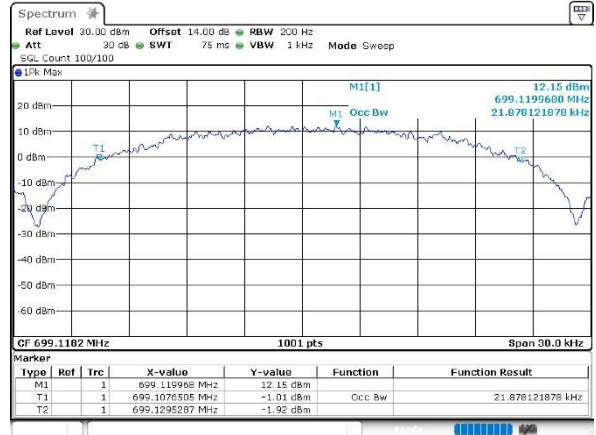


LTE Band 4 15K

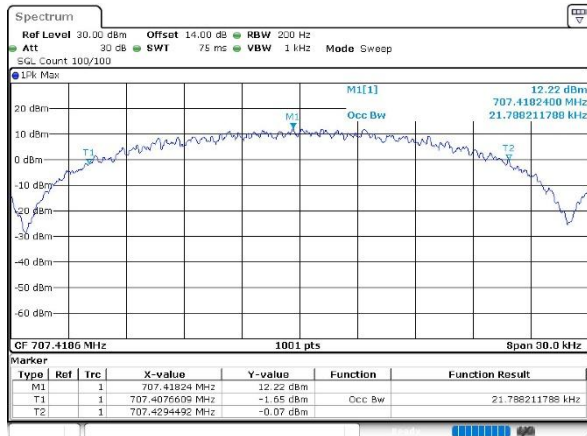
Lowest Channel / 1SCO / BPSK



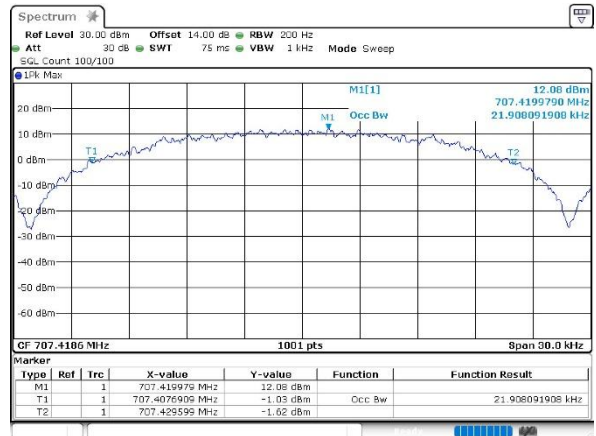
Lowest Channel / 1SCO / QPSK



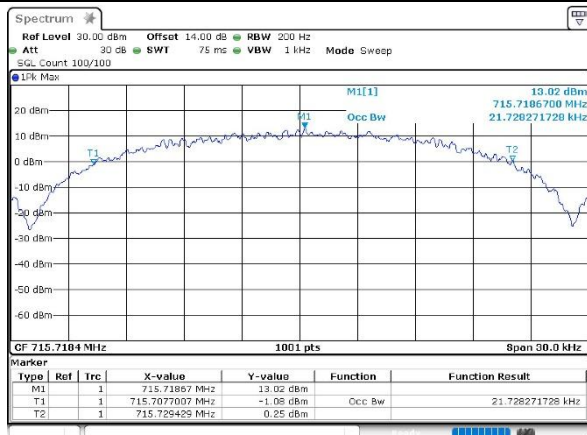
Middle Channel / 1SCO / BPSK



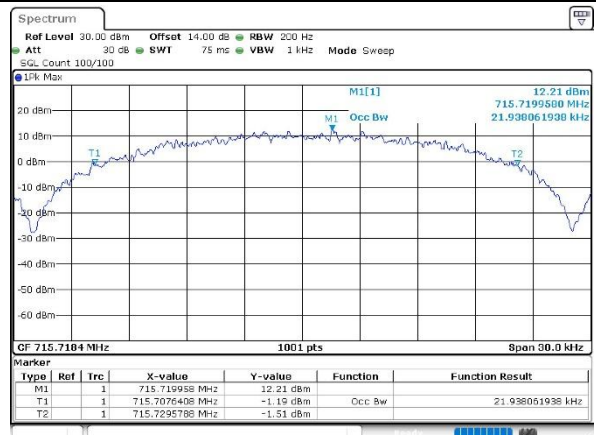
Middle Channel / 1SCO / QPSK



Highest Channel / 1SCO / BPSK



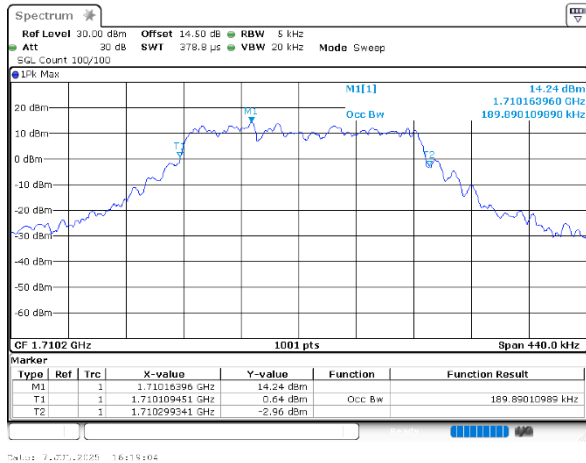
Highest Channel / 1SCO / QPSK





LTE Band 4 15K

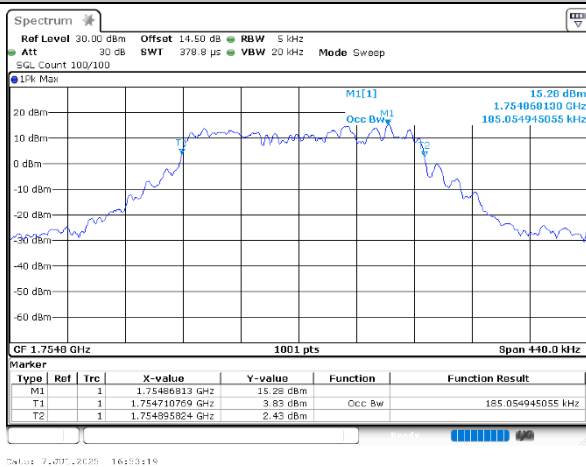
Lowest Channel / 12SCO / QPSK



Middle Channel / 12SCO / QPSK



Highest Channel / 12SCO / QPSK



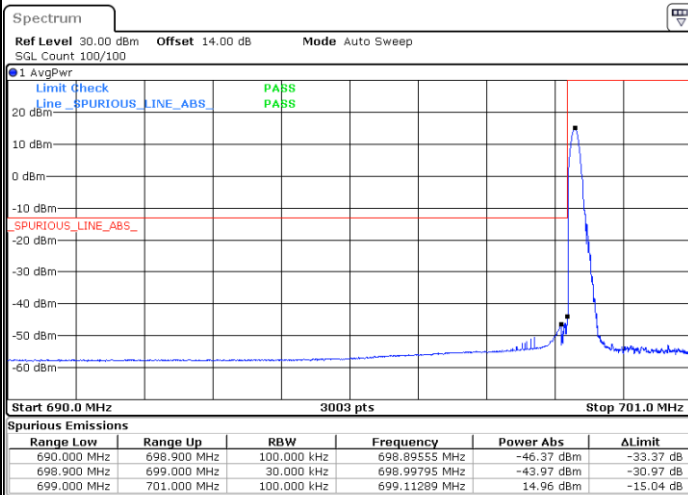


Conducted Band Edge

LTE Band 4 / 3.75K

Lowest Band Edge / 1SC0 / BPSK

Highest Band Edge / 1SC47 / BPSK



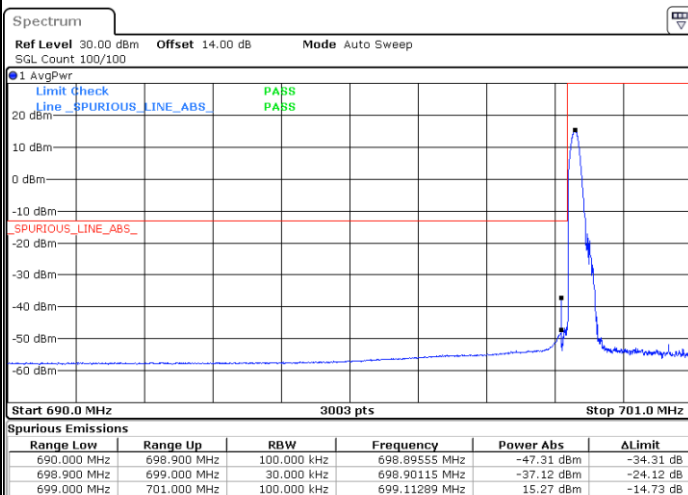
Date: 4.JUL.2025 16:38:12



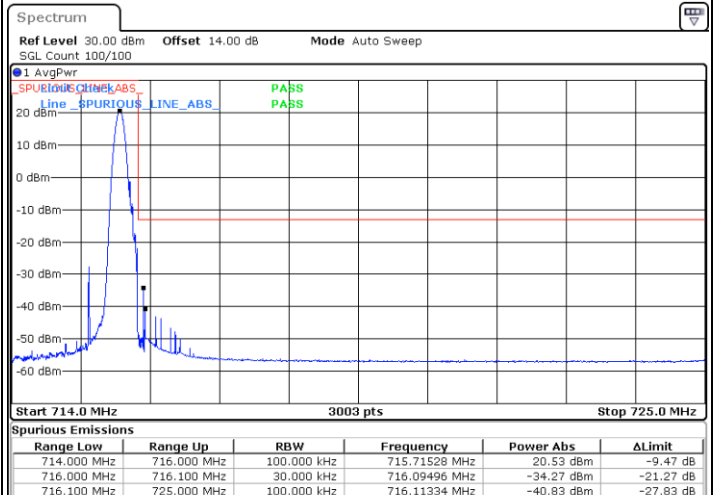
Date: 7.JUL.2025 09:49:57

Lowest Band Edge / 1SC0 / QPSK

Highest Band Edge / 1SC47 / QPSK



Date: 4.JUL.2025 16:37:02



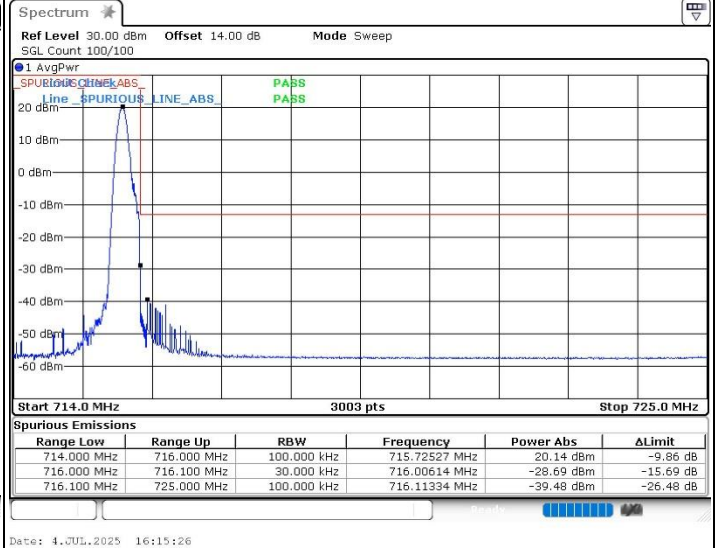
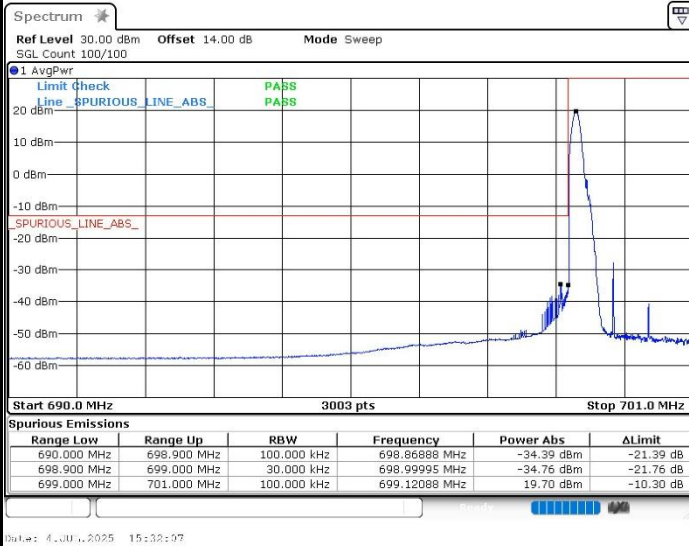
Date: 7.JUL.2025 09:48:23



LTE Band 4 / 15K

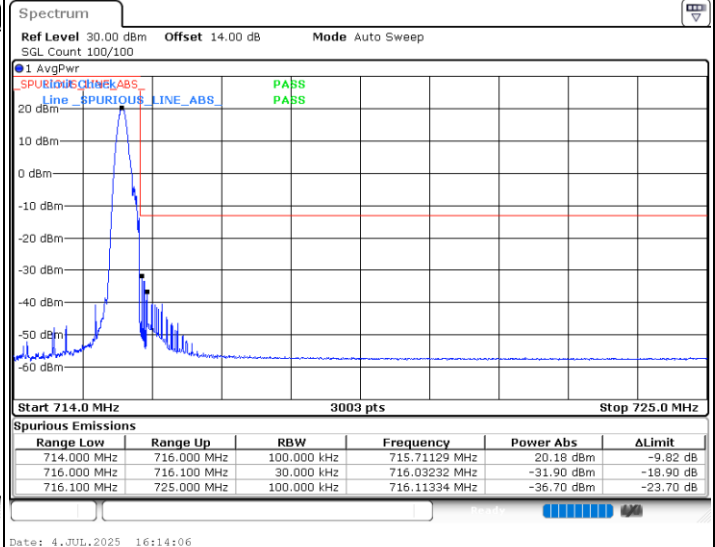
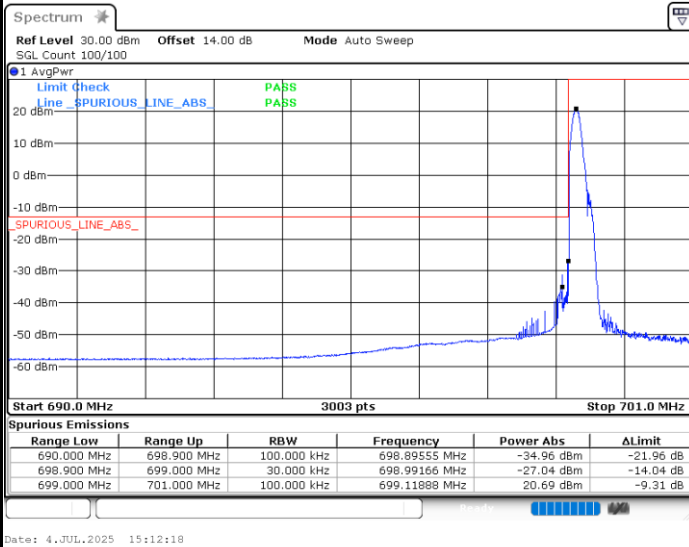
Lowest Band Edge / 1SC0 / BPSK

Highest Band Edge / 1SC11 / BPSK



Lowest Band Edge / 1SC0 / QPSK

Highest Band Edge / 1SC11 / QPSK

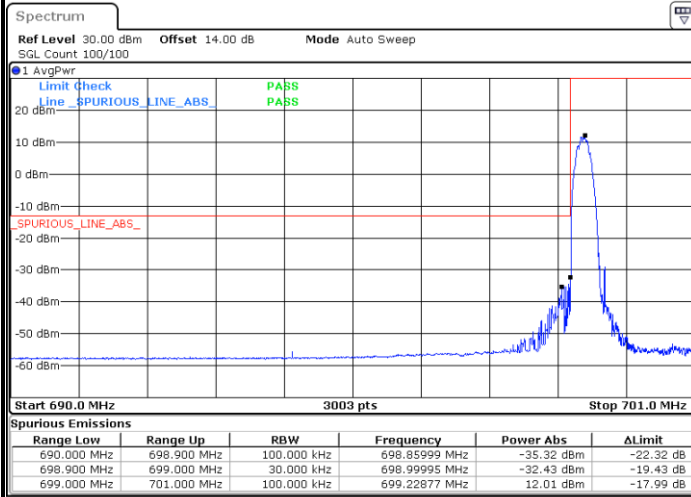




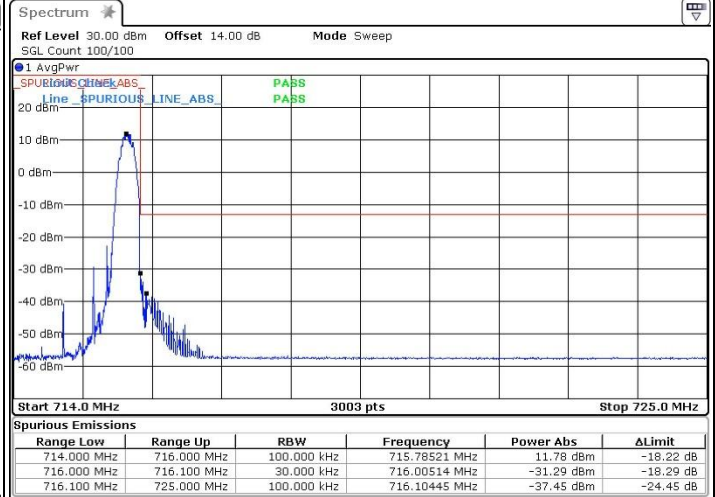
LTE Band 4 / 15K

Lowest Band Edge / 12SC0 / QPSK

Highest Band Edge / 12SC0 / QPSK



Date: 4.JUL.2025 16:33:56



Date: 4.JUL.2025 16:16:00

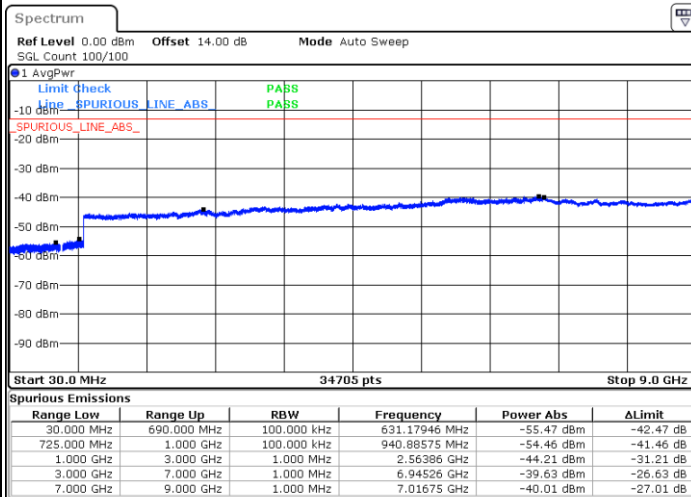


Conducted Spurious Emission

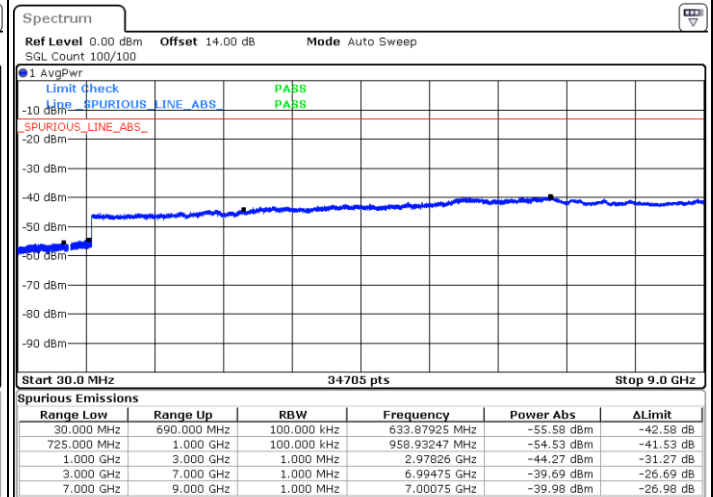
LTE Band 4 / 3.75K

Lowest Channel / 1SC0 / BPSK

Lowest Channel / 1SC0 / QPSK



Date: 4.JUL.2025 16:39:33



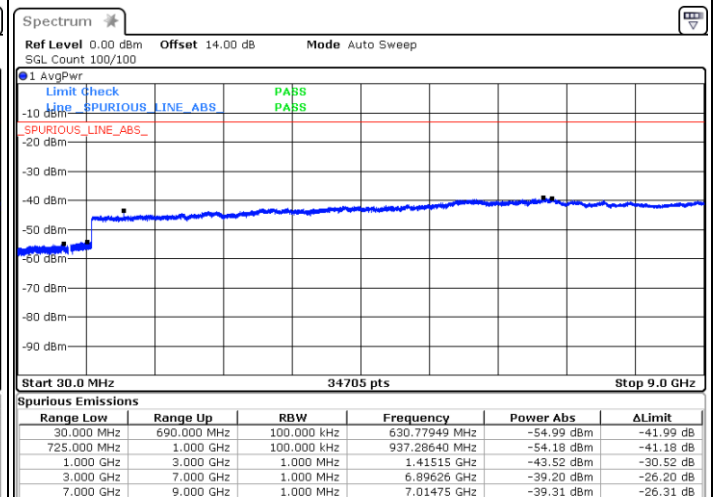
Date: 4.JUL.2025 16:40:25

Middle Channel / 1SC0 / BPSK

Middle Channel / 1SC0 / QPSK



Date: 7.JUL.2025 09:12:06



Date: 7.JUL.2025 09:10:53