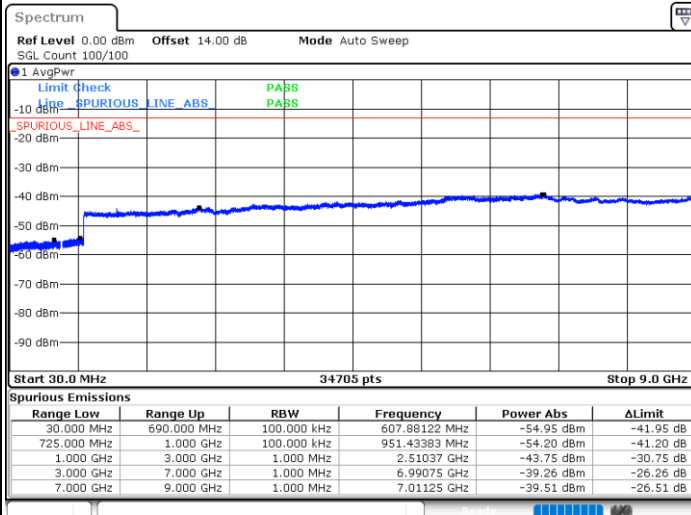




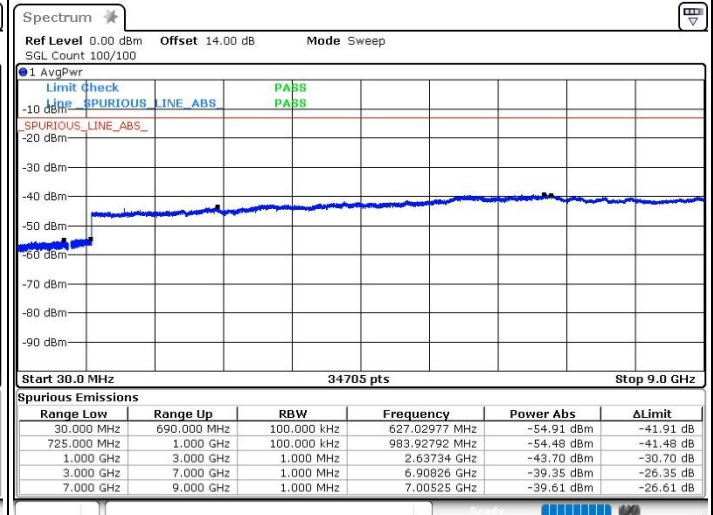
LTE Band 4 / 3.75K

Highest Channel / 1SC0 / BPSK

Highest Channel / 1SC0 / QPSK



Date: 7.JUL.2025 09:50:46



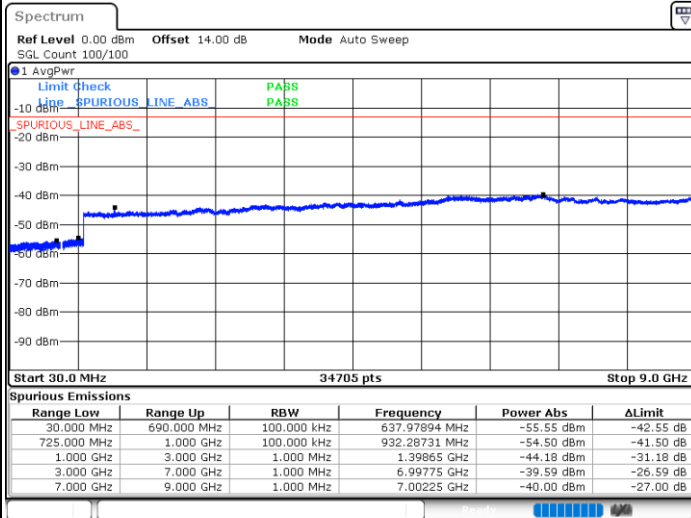
Date: 7.JUL.2025 09:52:13



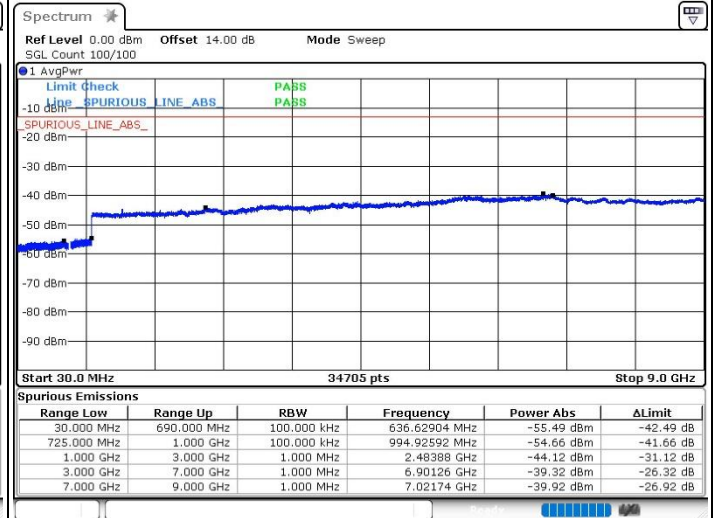
LTE Band 4 / 15K

Lowest Channel / 1SC0 / BPSK

Lowest Channel / 1SC0 / QPSK



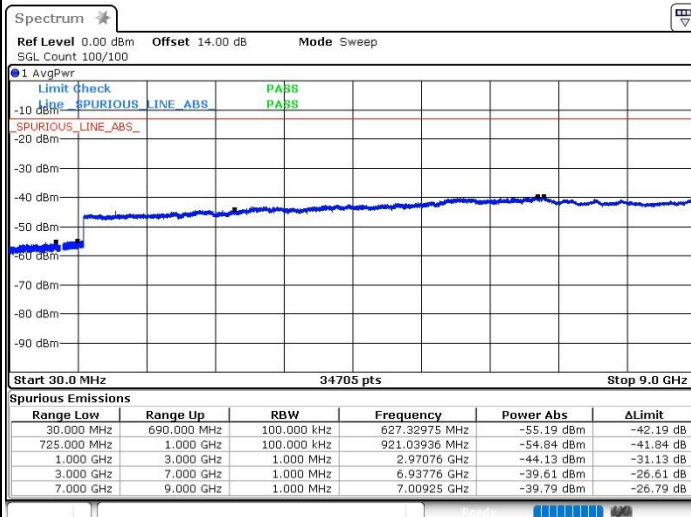
Date: 4.JUL.2025 15:33:30



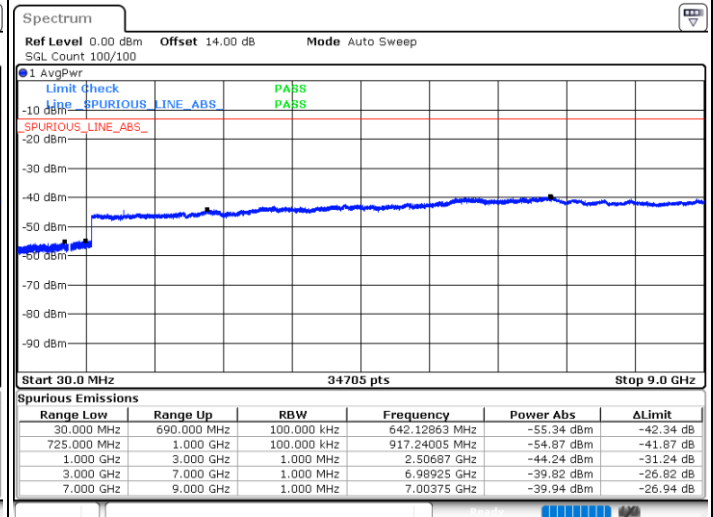
Date: 4.JUL.2025 15:35:16

Middle Channel / 1SC0 / BPSK

Middle Channel / 1SC0 / QPSK



Date: 4.JUL.2025 15:59:22



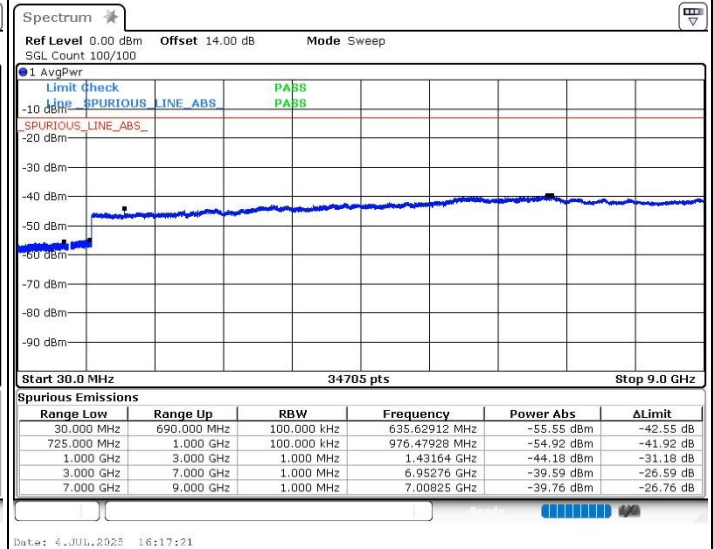
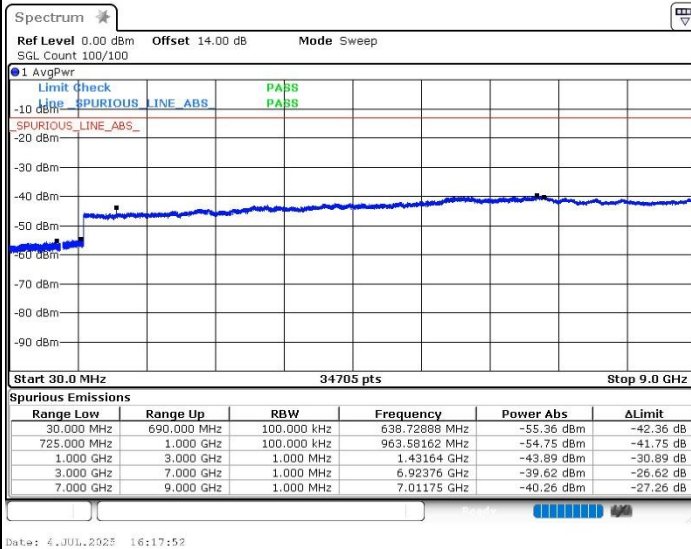
Date: 4.JUL.2025 15:58:13



LTE Band 4 / 5MHz

Highest Channel / 1SC0 / BPSK

Highest Channel / 1SC0 / QPSK



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	2.1	PASS
40	Normal Voltage	3.3	
30	Normal Voltage	2.5	
20(Ref.)	Normal Voltage	4	
10	Normal Voltage	2.4	
0	Normal Voltage	2.9	
-10	Normal Voltage	3.7	
-20	Normal Voltage	-2.3	
-30	Normal Voltage	4.4	
20	Maximum Voltage	4.8	
20	Normal Voltage	4	
20	Minimum Voltage	2.2	

Note:

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

$$|MAX(\Delta f)| = 4.8\text{Hz}$$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - MAX(\Delta f) $	1710.109445	$\geq 1710 \text{ MHz}$	PASS
$f_H + MAX(\Delta f) $	1754.899785	$\leq 1755 \text{ MHz}$	



LTE Band 5

Peak-to-Average Ratio

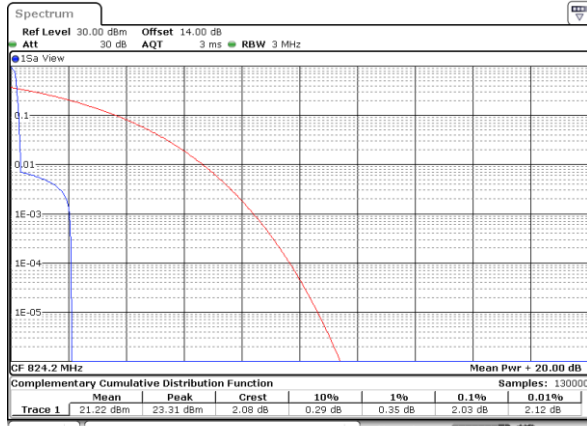
Mode	LTE Band 5 / 3.75K				
Mod.	BPSK		QPSK		Limit: 13dB
RB Size	1SCO	N/A	1SCO	N/A	Result
Lowest CH	2.03		1.13		PASS
Middle CH	2.46		1.86		
Highest CH	1.77		1.77		

Mode	LTE Band 5 / 15K				
Mod.	BPSK		QPSK		Limit: 13dB
RB Size	1SCO	N/A	1SCO	12SCO	Result
Lowest CH	1.59		1.62	5.88	PASS
Middle CH	1.62		1.68	6.32	
Highest CH	1.62		1.68	6.06	

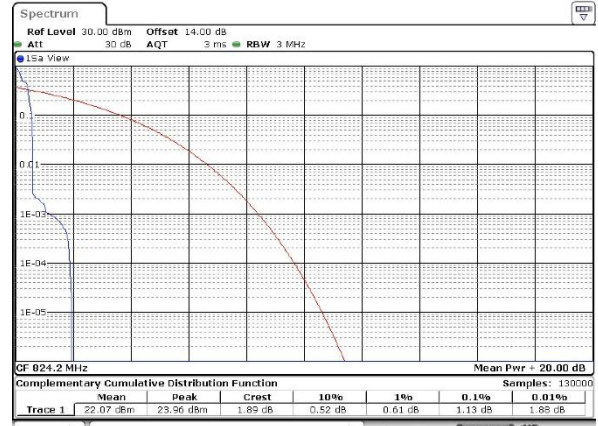


LTE Band 5 / 3.75K

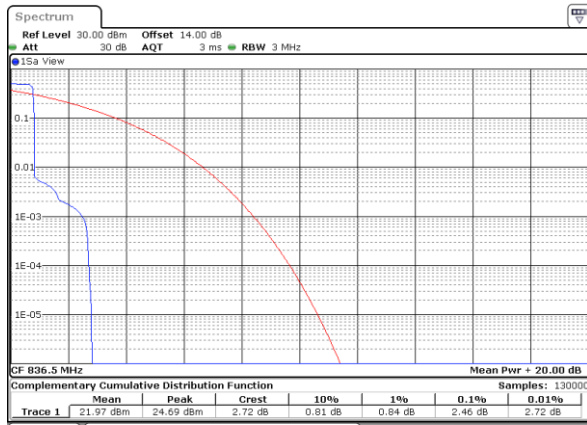
Lowest Channel / 1SCO / BPSK



Lowest Channel / 1SCO / QPSK



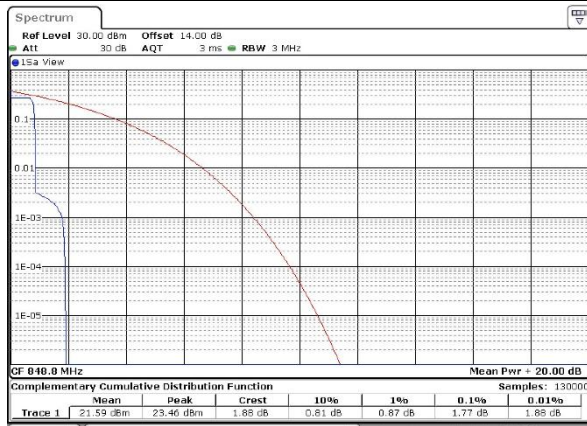
Middle Channel / 1SCO / BPSK



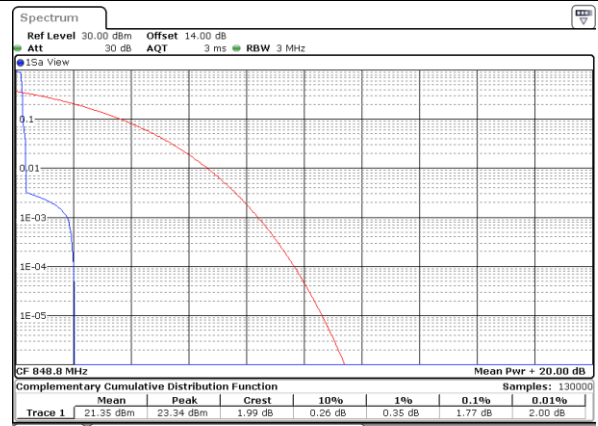
Middle Channel / 1SCO / QPSK



Highest Channel / 1SCO / BPSK



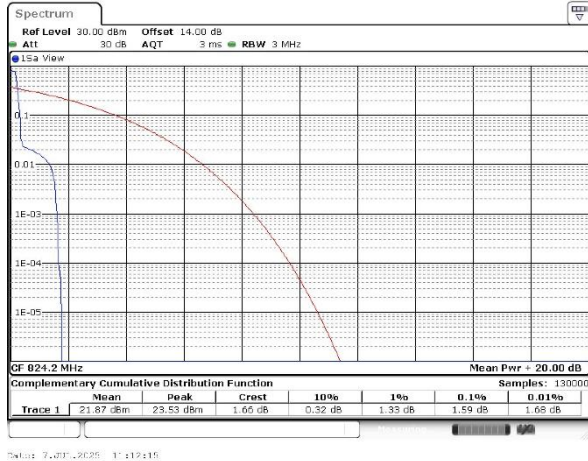
Highest Channel / 1SCO / QPSK



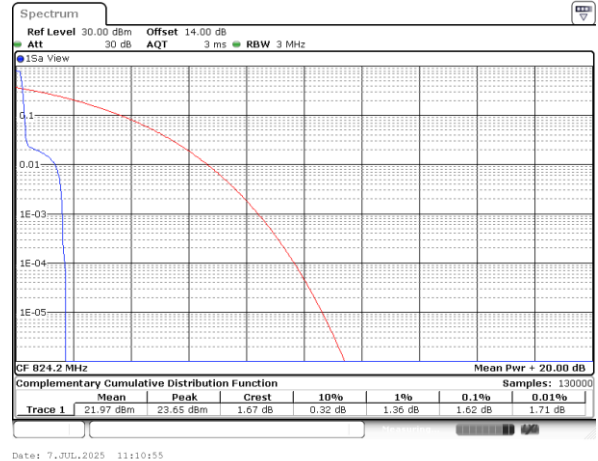


LTE Band 5 / 15K

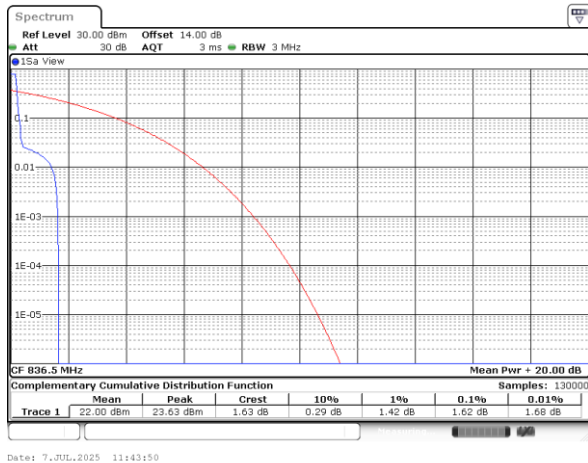
Lowest Channel / 1SC0 / BPSK



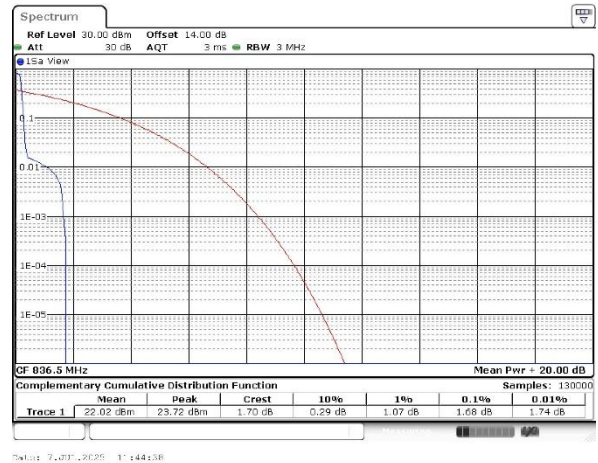
Lowest Channel / 1SC0 / QPSK



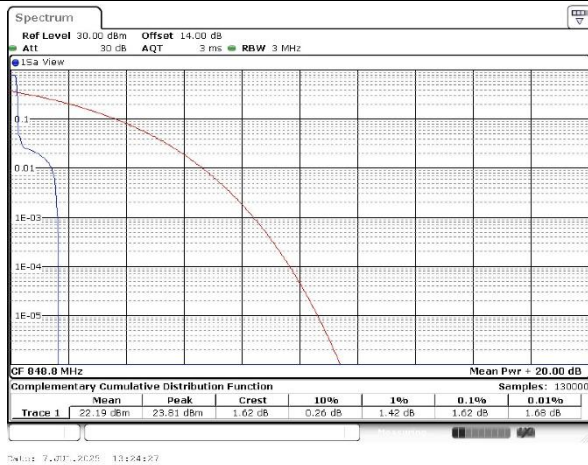
Middle Channel / 1SC0 / BPSK



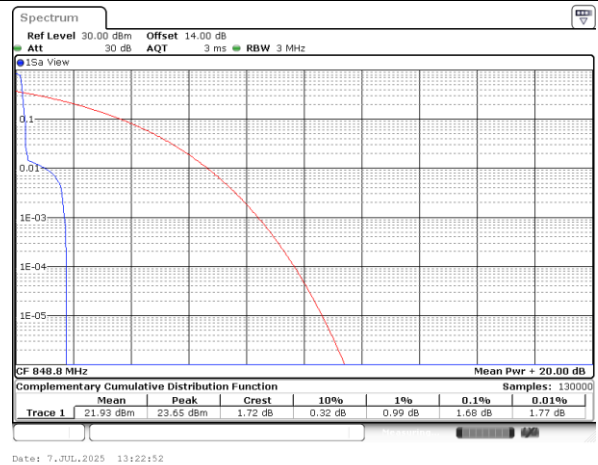
Middle Channel / 1SC0 / QPSK



Highest Channel / 1SC0 / BPSK



Highest Channel / 1SC0 / QPSK

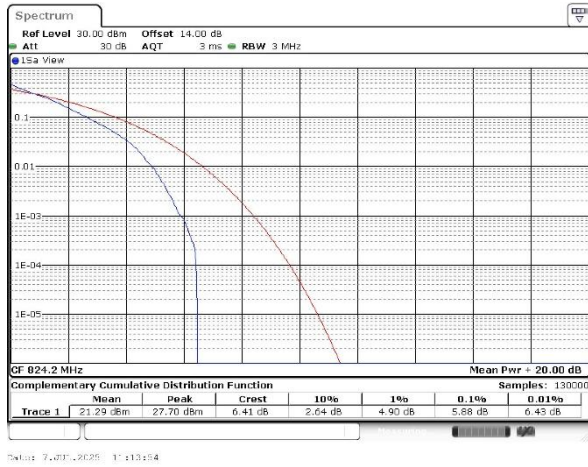




LTE Band 5 / 15K

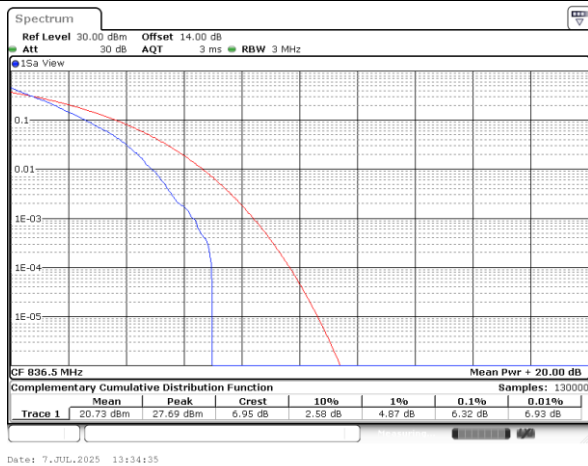
Lowest Channel / 12SC0 / QPSK

N/A



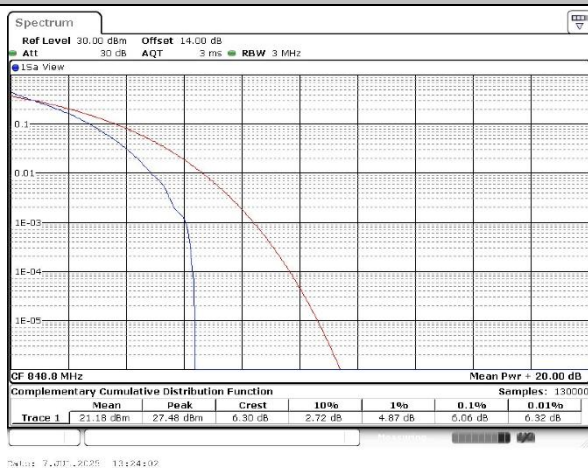
Middle Channel / 12SC0 / QPSK

N/A



Highest Channel / 12SC0 / QPSK

N/A





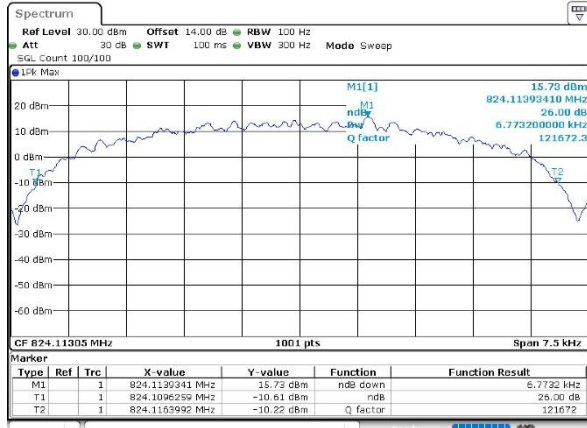
26dB Bandwidth

Mode	LTE Band 5 : 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	6.77	6.85	26.46	26.22	247.91							
Middle CH	6.80	6.82	26.01	26.22	233.85							
Highest CH	6.75	6.89	26.40	26.46	240							

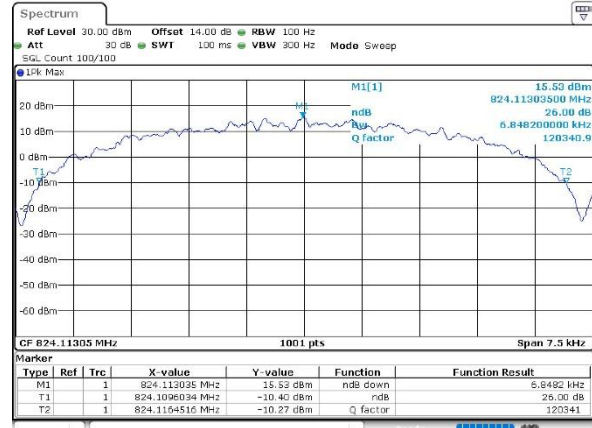


LTE Band 5 3.75K

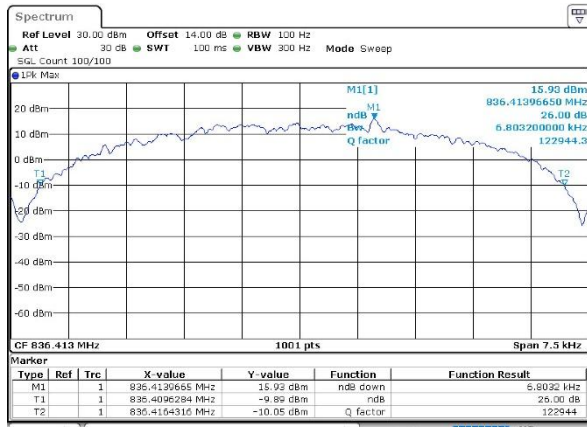
Lowest Channel / 1SC0 / BPSK



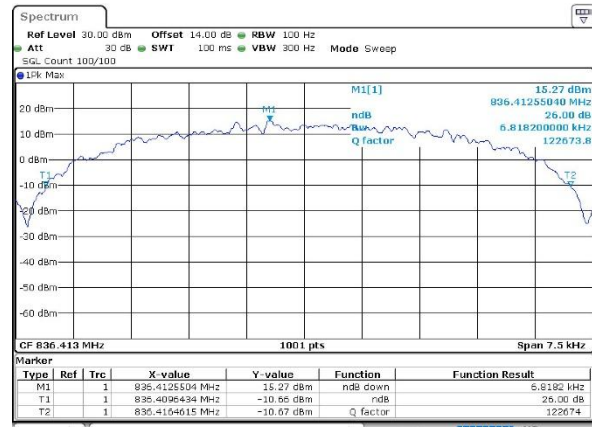
Lowest Channel / 1SC0 / QPSK



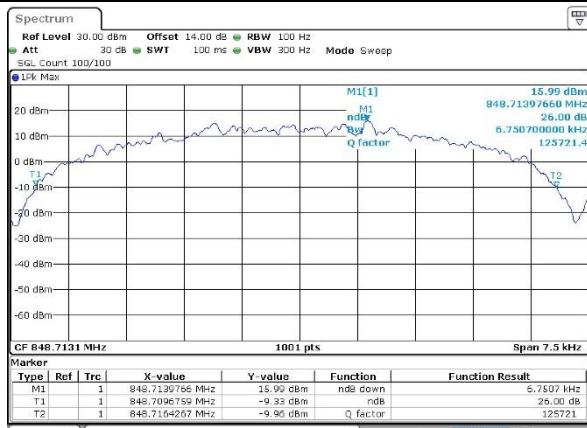
Middle Channel / 1SC0 / BPSK



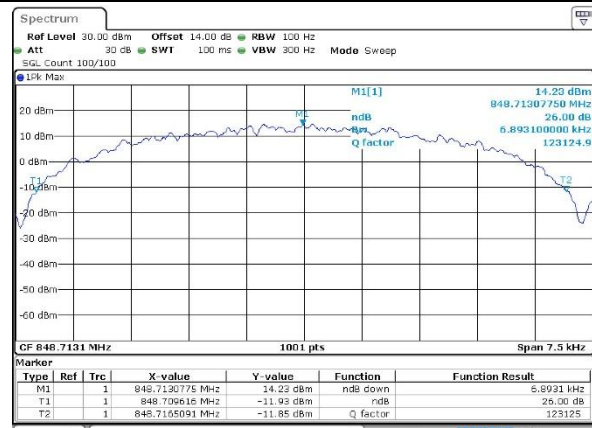
Middle Channel / 1SC0 / QPSK



Highest Channel / 1SC0 / BPSK



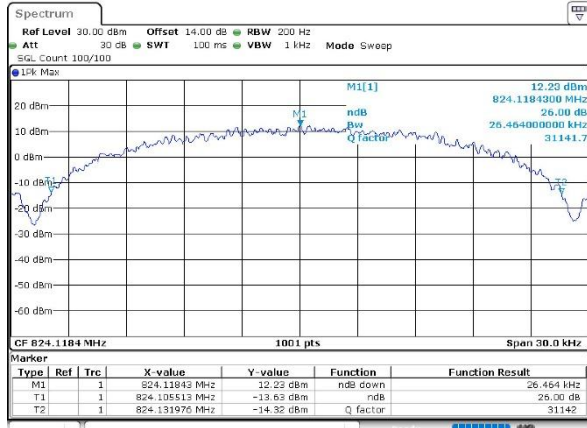
Highest Channel / 1SC0 / QPSK





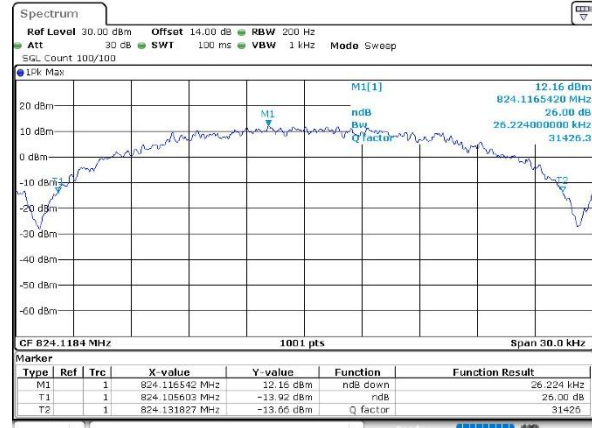
LTE Band 5 15K

Lowest Channel / 1SC0 / BPSK



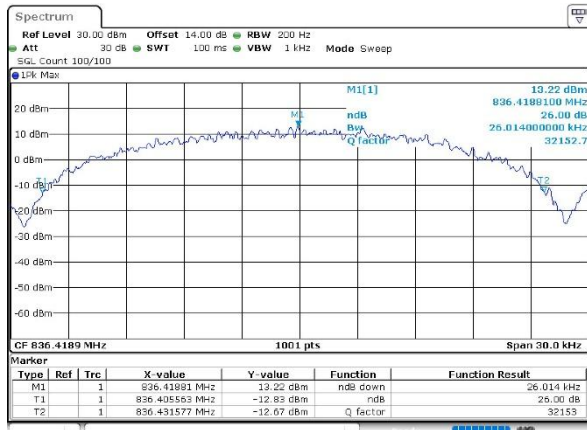
Date: 7/27/2025 11:28:49

Lowest Channel / 1SC0 / QPSK



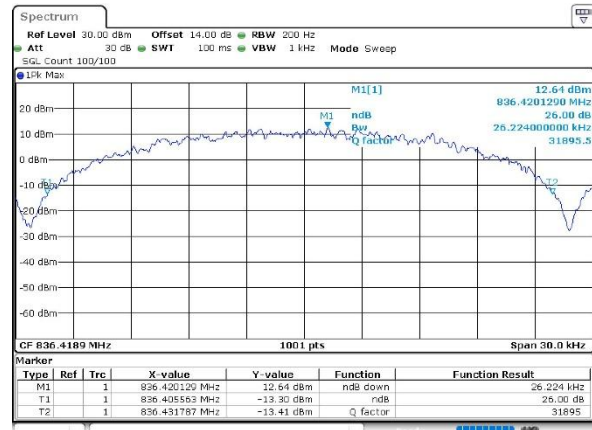
Date: 7/27/2025 11:27:21

Middle Channel / 1SC0 / BPSK



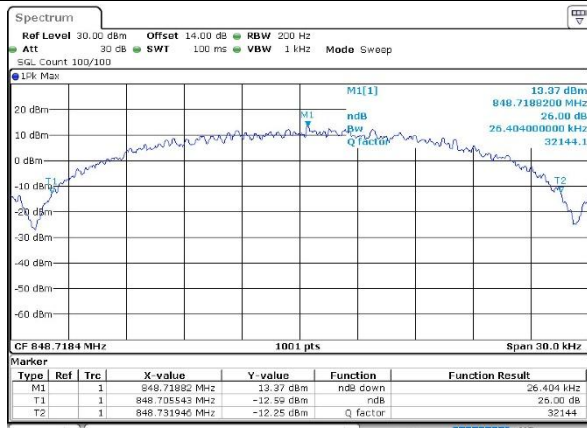
Date: 7/27/2025 11:28:46

Middle Channel / 1SC0 / QPSK



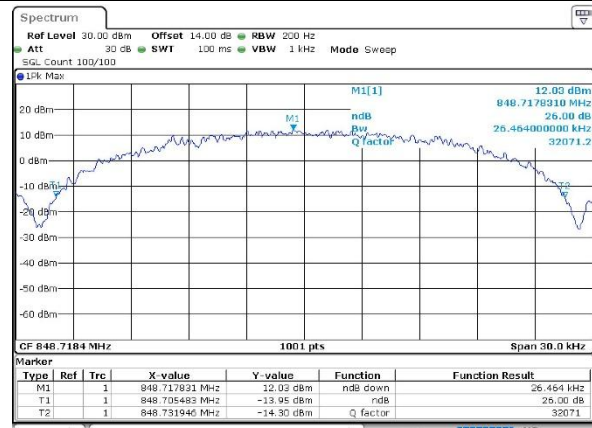
Date: 7/27/2025 11:28:46

Highest Channel / 1SC0 / BPSK



Date: 7/27/2025 13:28:44

Highest Channel / 1SC0 / QPSK



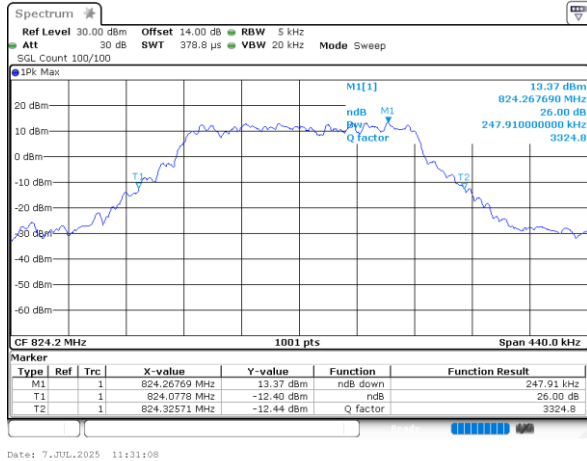
Date: 7/27/2025 13:28:23



LTE Band 5 15K

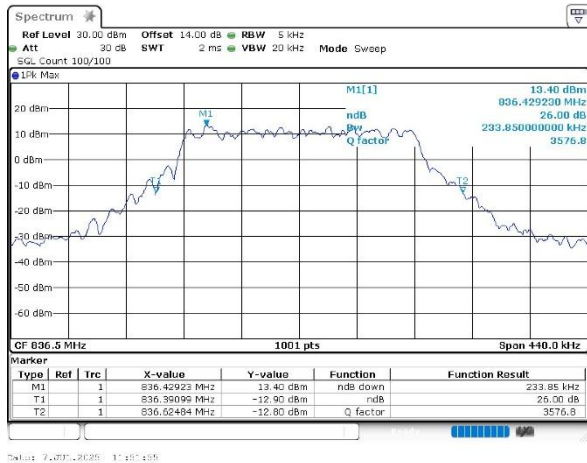
Lowest Channel / 12SC0 / QPSK

N/A



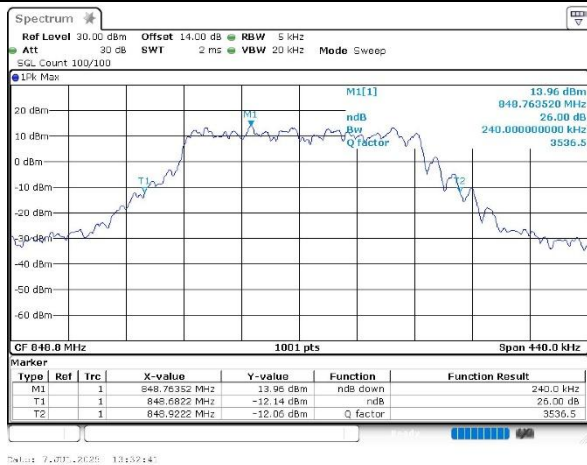
Middle Channel / 12SC0 / QPSK

N/A



Highest Channel / 12SC0 / QPSK

N/A



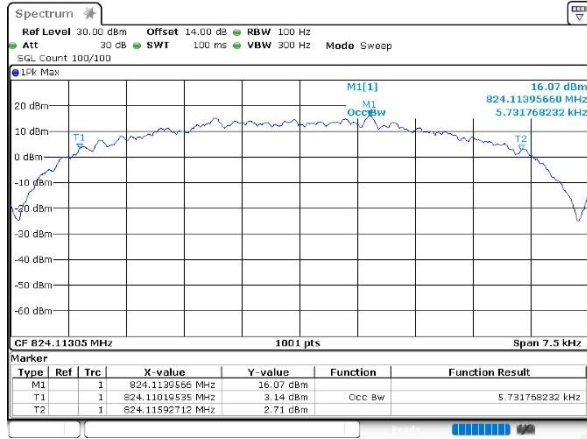
**Occupied Bandwidth**

Mode	LTE Band 5 : 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	5.73	5.70	21.76	21.88	186.81							
Middle CH	5.66	5.69	21.73	21.91	191.21							
Highest CH	5.74	5.70	21.73	21.91	185.50							

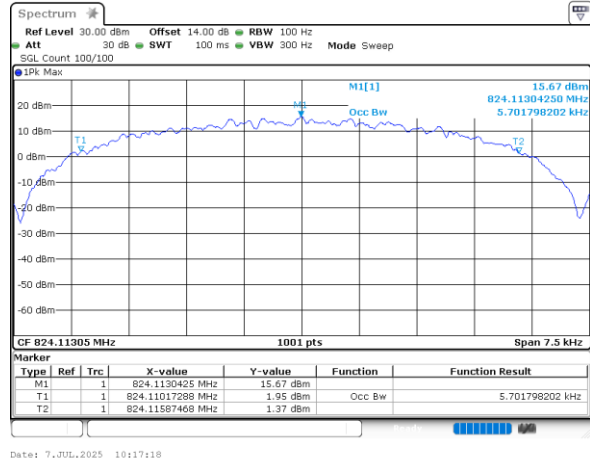


LTE Band 5 3.75K

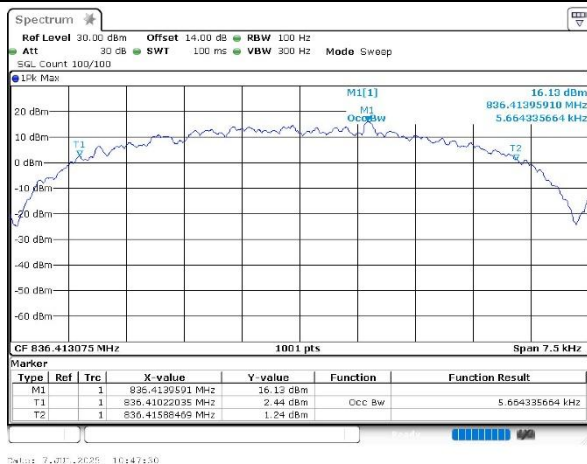
Lowest Channel / 1SCO / BPSK



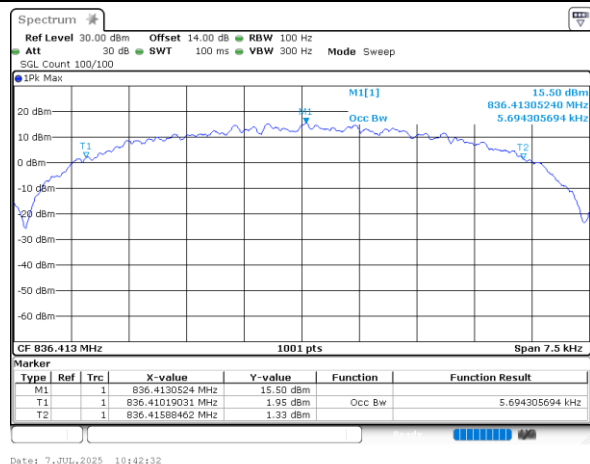
Lowest Channel / 1SCO / QPSK



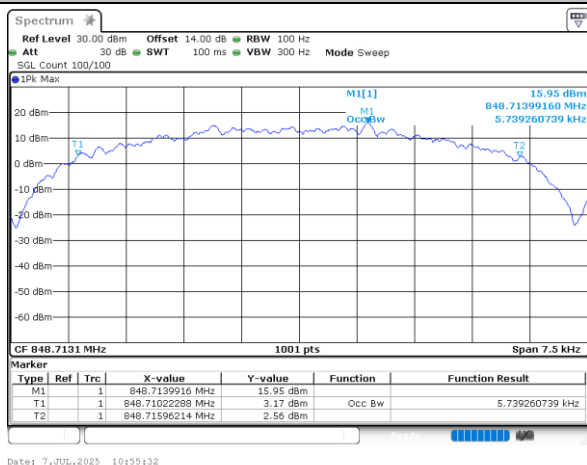
Middle Channel / 1SCO / BPSK



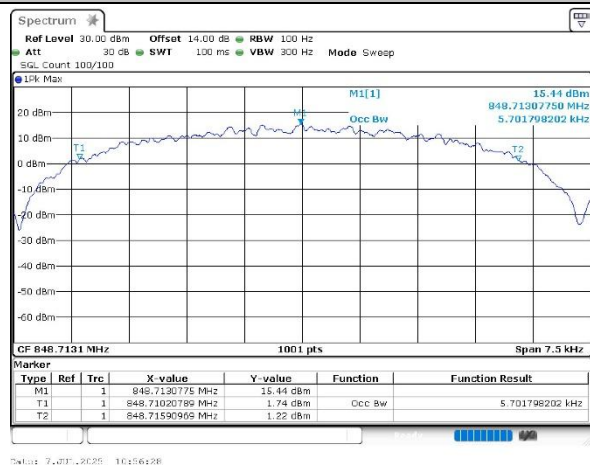
Middle Channel / 1SCO / QPSK



Highest Channel / 1SCO / BPSK



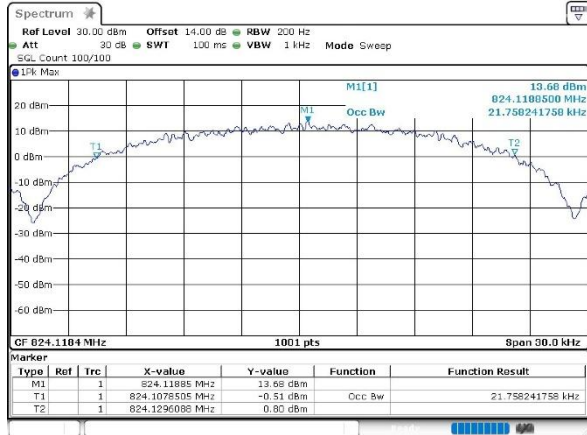
Highest Channel / 1SCO / QPSK



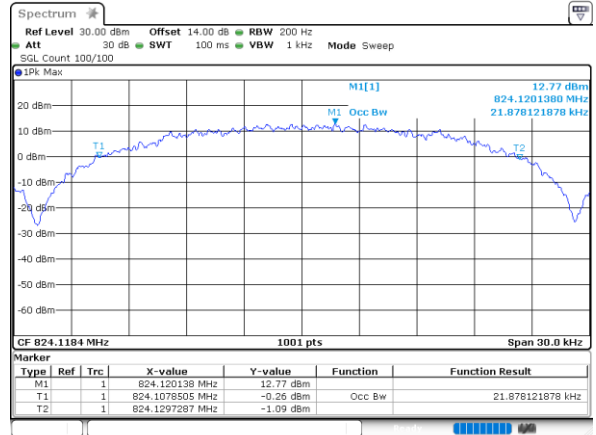


LTE Band 5 15K

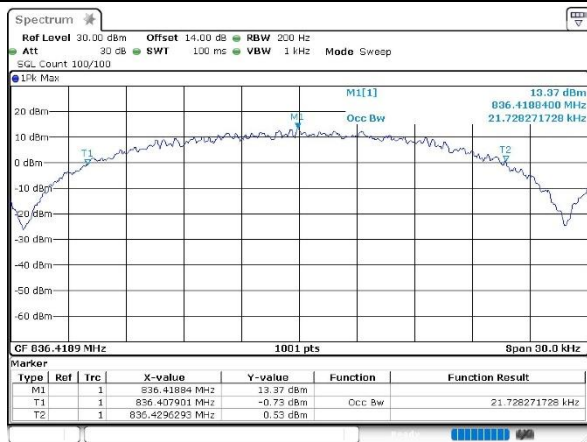
Lowest Channel / 1SCO / BPSK



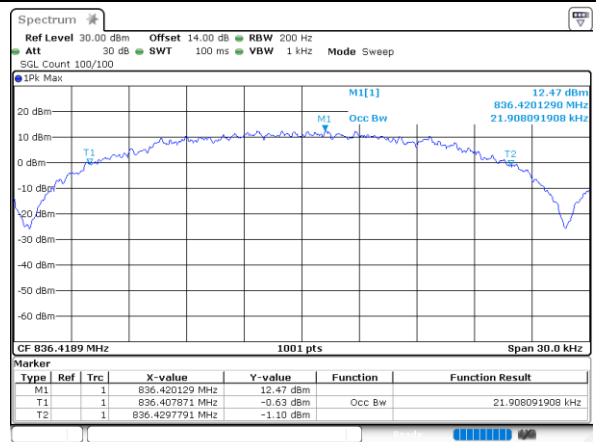
Lowest Channel / 1SCO / QPSK



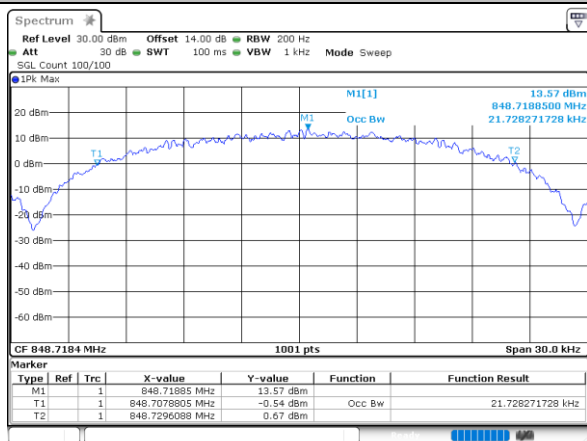
Middle Channel / 1SCO / BPSK



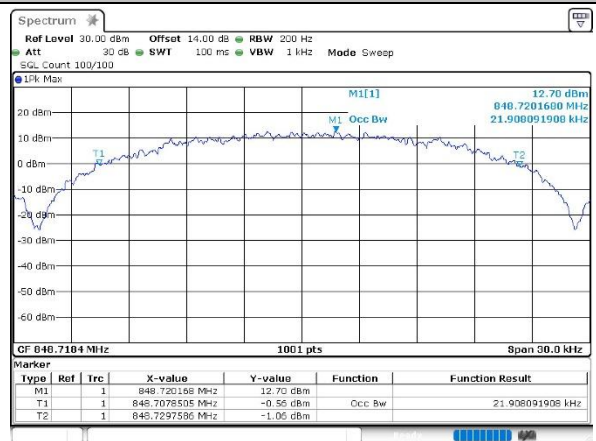
Middle Channel / 1SCO / QPSK



Highest Channel / 1SCO / BPSK



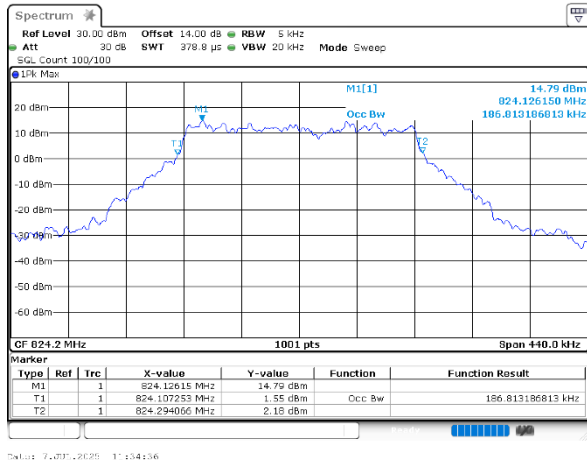
Highest Channel / 1SCO / QPSK



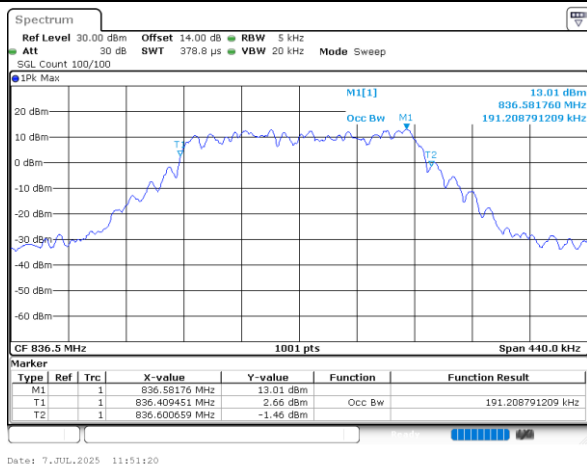


LTE Band 5 15K

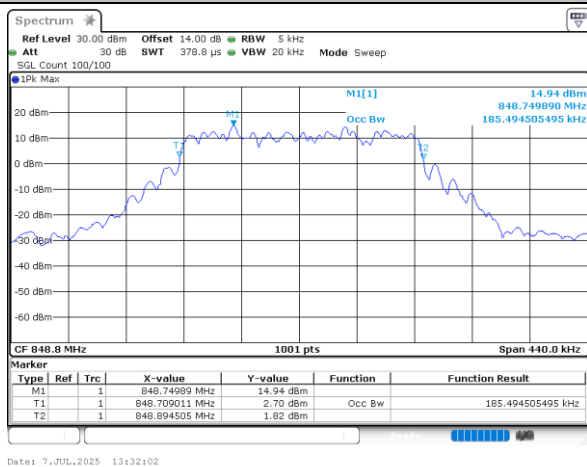
Lowest Channel / 12SCO / QPSK

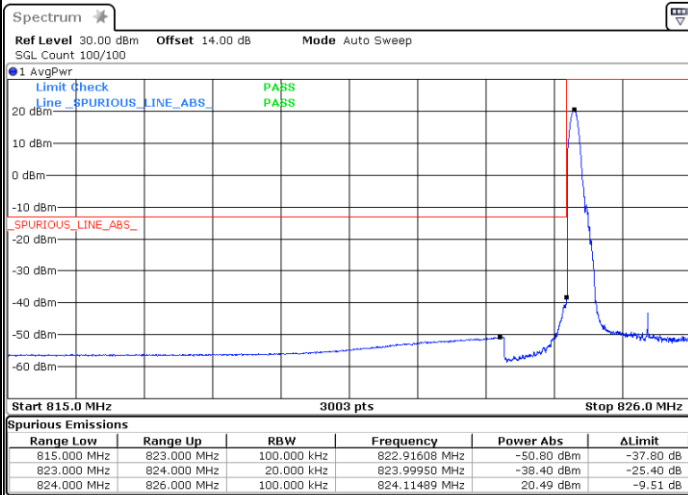


Middle Channel / 12SCO / QPSK



Highest Channel / 12SCO / QPSK



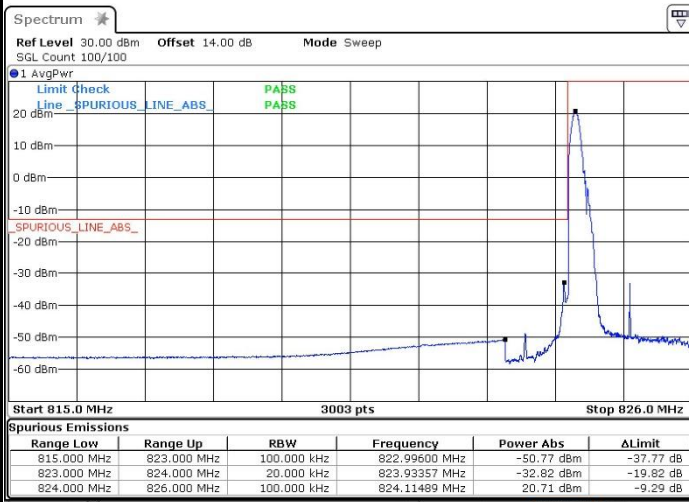
**Conducted Band Edge****LTE Band 5 / 3.75K****Lowest Band Edge / 1SC0 / BPSK****Highest Band Edge / 1SC47 / BPSK****Lowest Band Edge / 1SC0 / QPSK****Highest Band Edge / 1SC47 / QPSK**



LTE Band 5 / 15K

Lowest Band Edge / 1SC0 / BPSK

Highest Band Edge / 1SC11 / BPSK



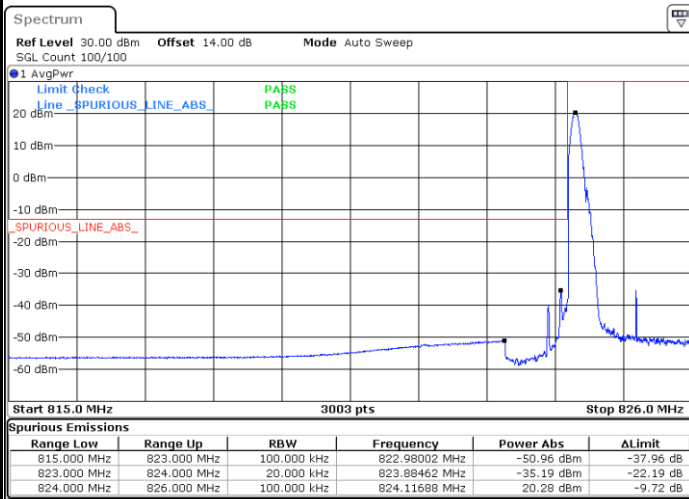
Date: 7.JUL.2025 11:04:25



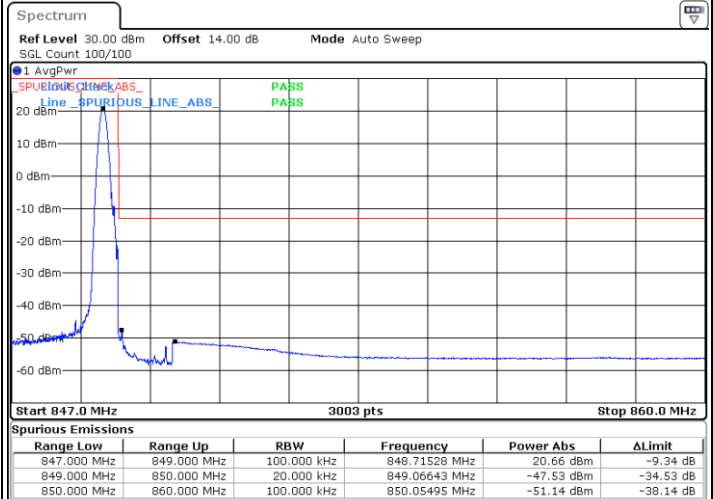
Date: 7.JUL.2025 13:18:35

Lowest Band Edge / 1SC0 / QPSK

Highest Band Edge / 1SC11 / QPSK



Date: 7.JUL.2025 11:02:07



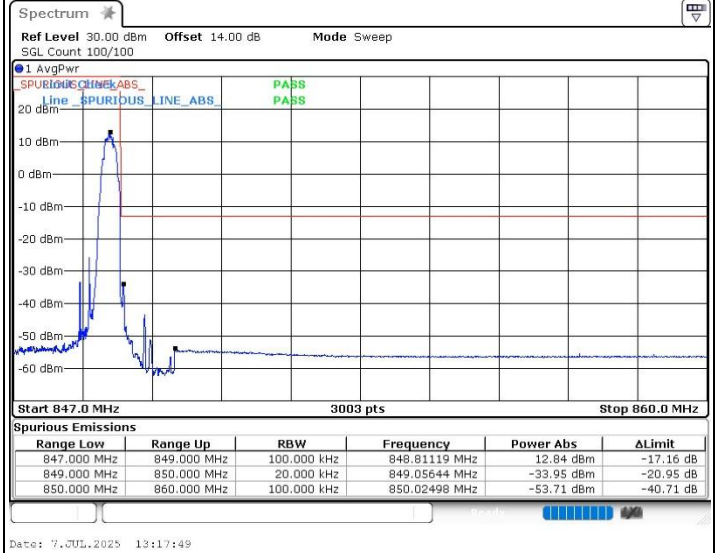
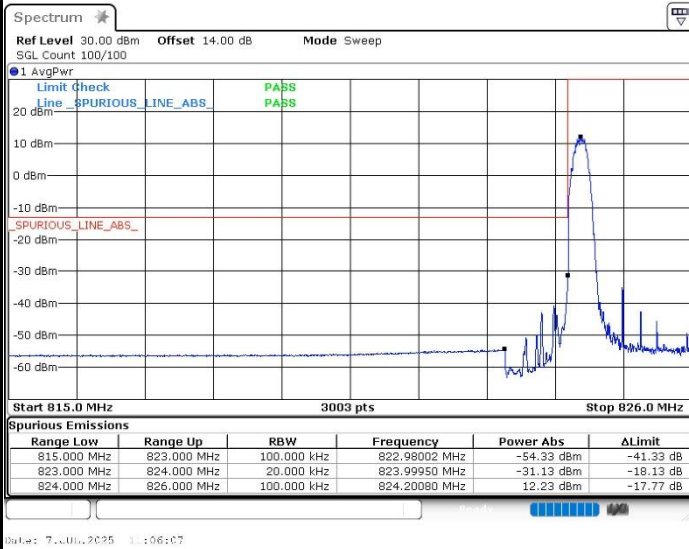
Date: 7.JUL.2025 13:16:10



LTE Band 5 / 15K

Lowest Band Edge / 12SC0 / QPSK

Highest Band Edge / 12SC0 / QPSK



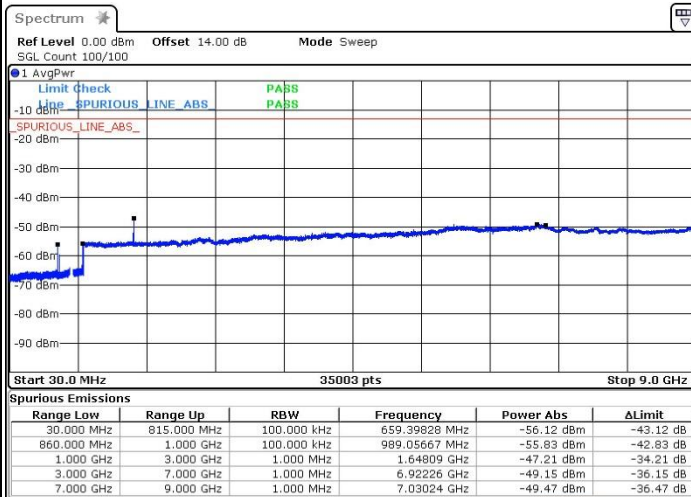


Conducted Spurious Emission

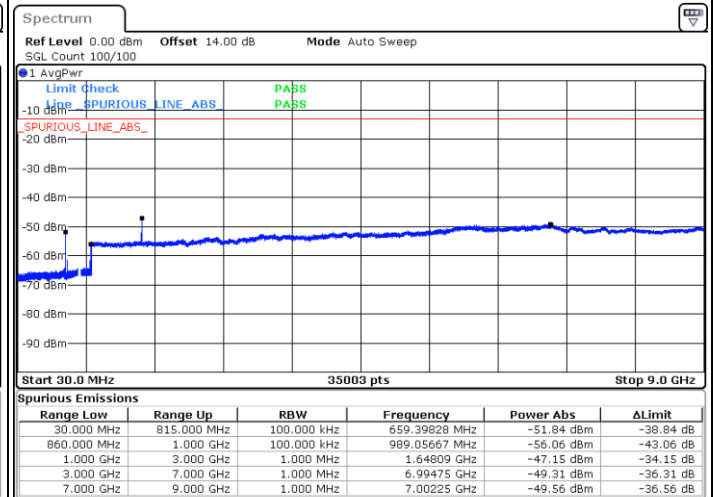
LTE Band 5 / 3.75K

Lowest Channel / 1SC0 / BPSK

Lowest Channel / 1SC0 / QPSK



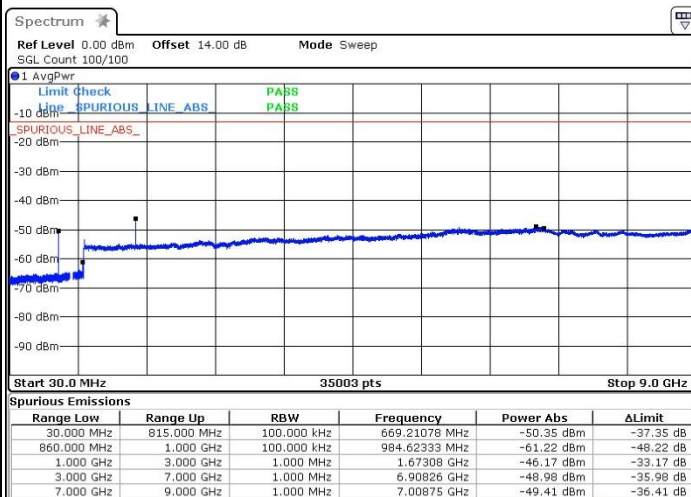
Date: 7.JUL.2025 10:06:26



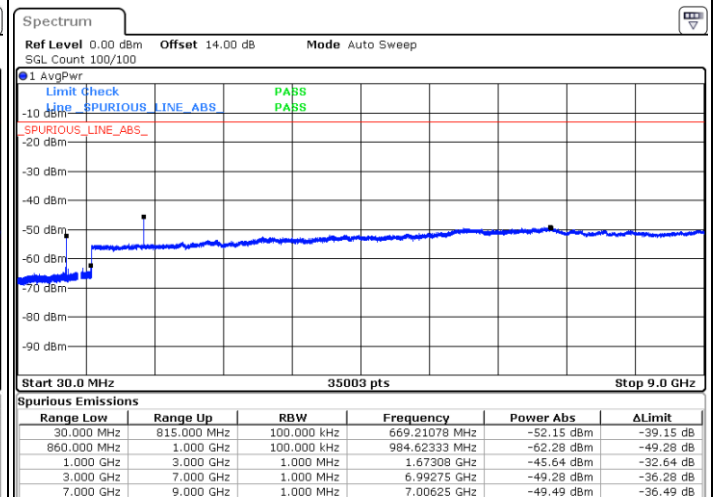
Date: 7.JUL.2025 10:06:47

Middle Channel / 1SC0 / BPSK

Middle Channel / 1SC0 / QPSK



Date: 7.JUL.2025 10:38:26



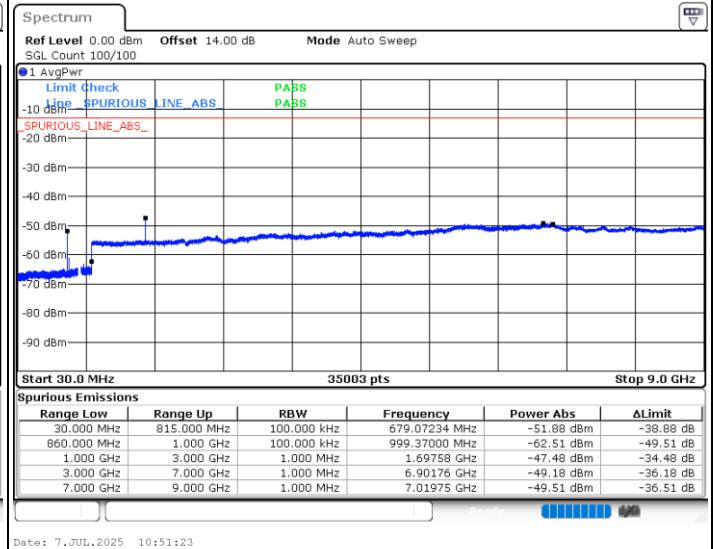
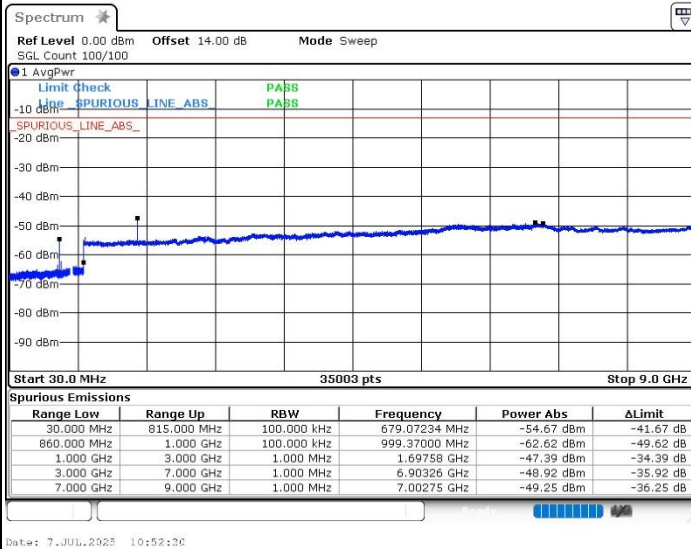
Date: 7.JUL.2025 10:37:17



LTE Band 5 / 3.75K

Highest Channel / 1SC0 / BPSK

Highest Channel / 1SC0 / QPSK

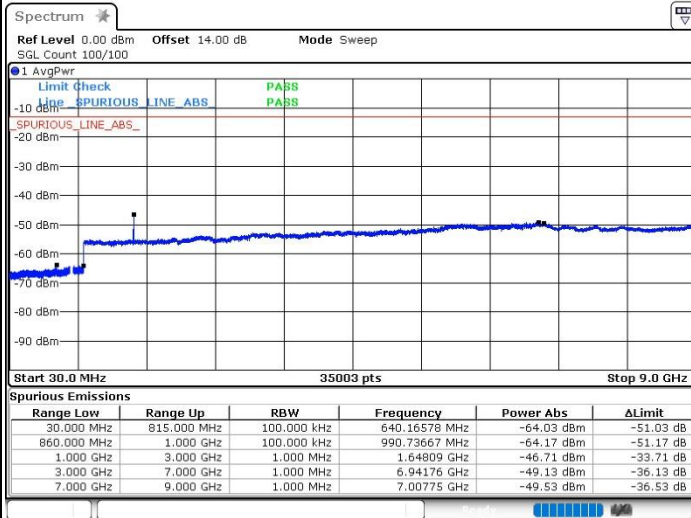




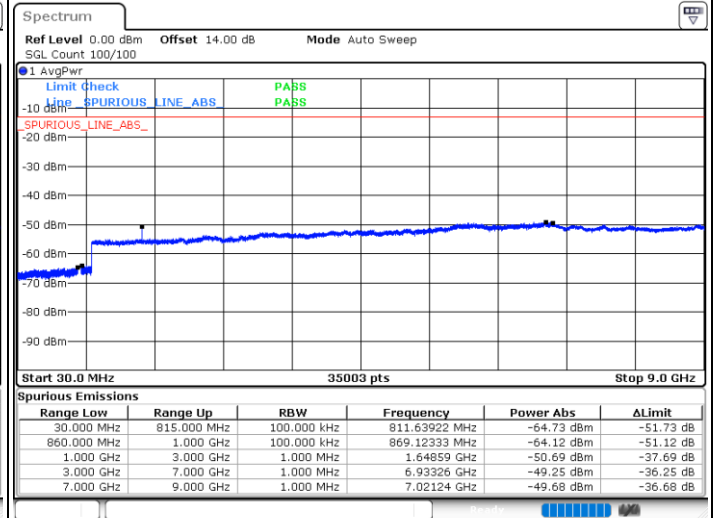
LTE Band 5 / 15K

Lowest Channel / 1SC0 / BPSK

Lowest Channel / 1SC0 / QPSK



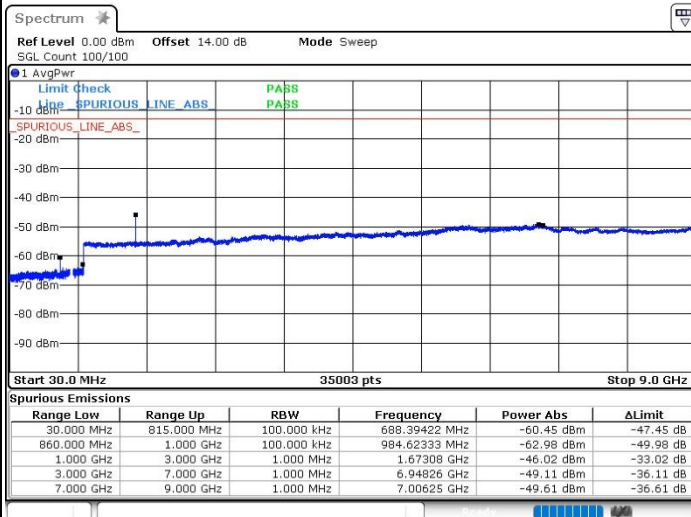
Date: 7.JUL.2025 11:09:22



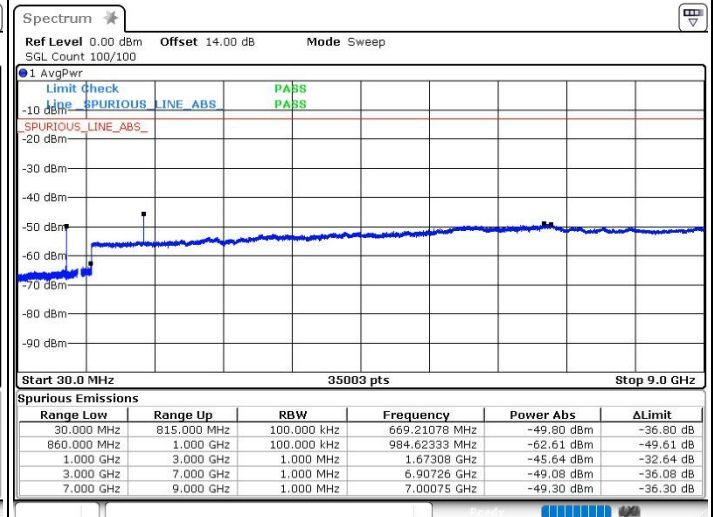
Date: 7.JUL.2025 11:07:01

Middle Channel / 1SC0 / BPSK

Middle Channel / 1SC0 / QPSK



Date: 7.JUL.2025 11:43:24



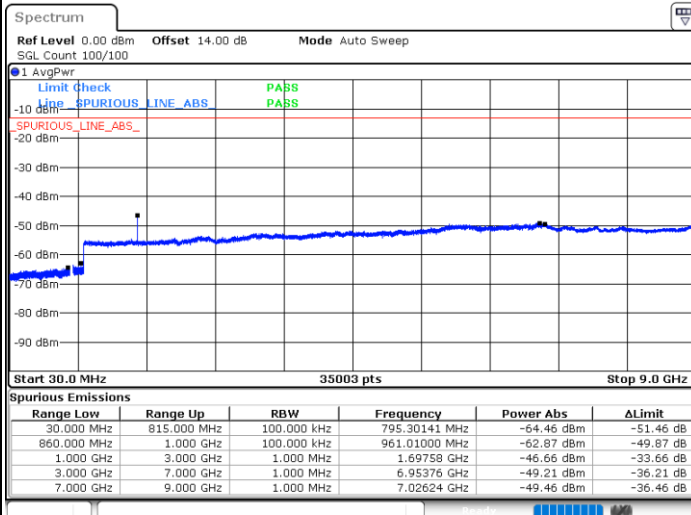
Date: 7.JUL.2025 11:42:49



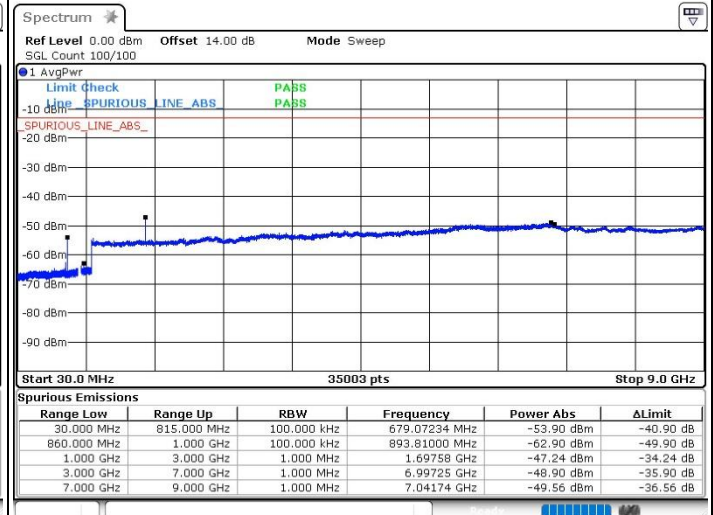
LTE Band 5 / 5MHz

Highest Channel / 1SC0 / BPSK

Highest Channel / 1SC0 / QPSK



Date: 7.JUL.2025 13:19:19



Date: 7.JUL.2025 13:20:50

Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	15K	≤2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0043	PASS
40	Normal Voltage	0.0035	
30	Normal Voltage	0.0037	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0033	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0032	
-20	Normal Voltage	0.0029	
-30	Normal Voltage	0.0044	
20	Maximum Voltage	0.0041	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0047	

Note:

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



LTE Band 12

Peak-to-Average Ratio

Mode	LTE Band 12 / 3.75K				
Mod.	BPSK		QPSK		Limit: 13dB
RB Size	1SCO	N/A	1SCO	N/A	Result
Lowest CH	1.51		1.91		PASS
Middle CH	2.09		2.12		
Highest CH	2.41		1.36		

Mode	LTE Band 12 / 15K				
Mod.	BPSK		QPSK		Limit: 13dB
RB Size	1SCO	N/A	1SCO	12SCO	Result
Lowest CH	1.65		1.74	5.97	PASS
Middle CH	1.65		1.74	5.94	
Highest CH	1.65		2.17	6.14	