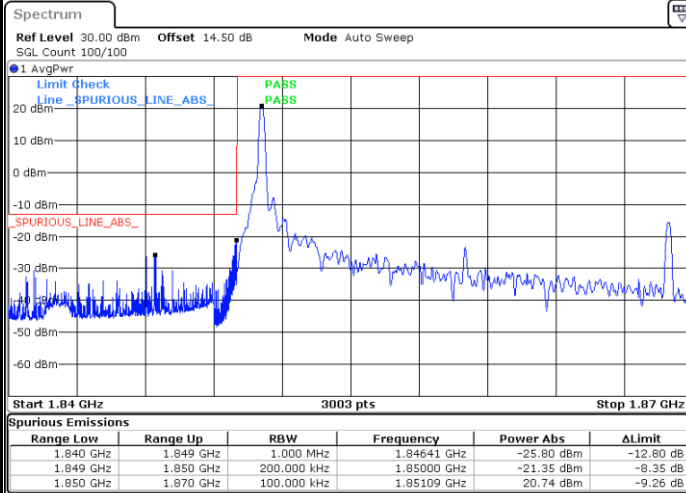


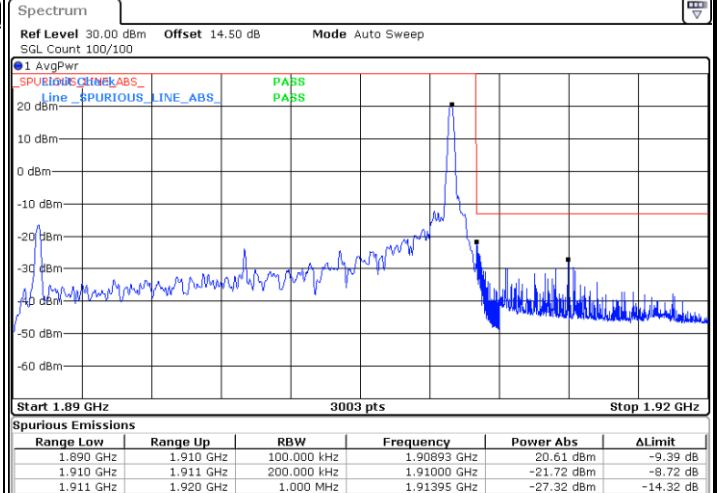


LTE Band 2 / 20MHz / 16QAM

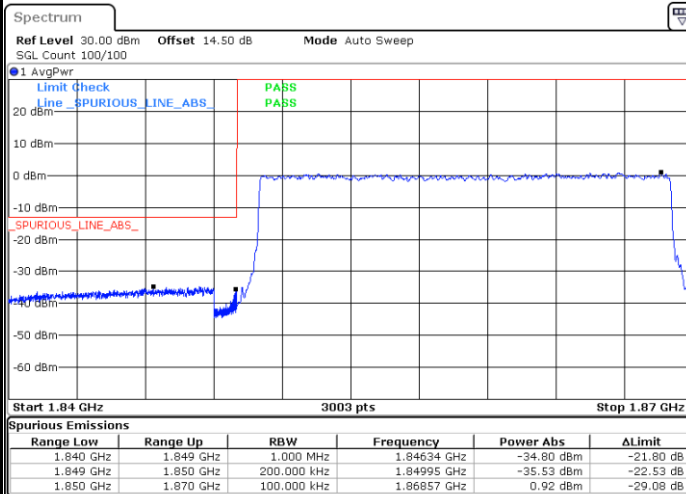
Lowest Band Edge / 1 RB



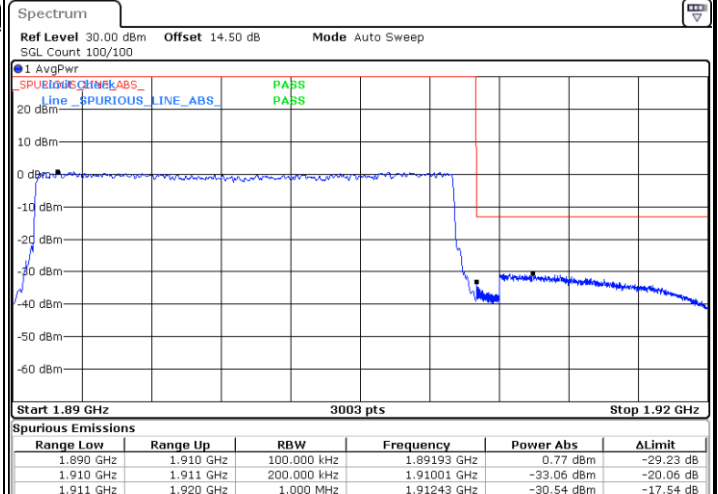
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



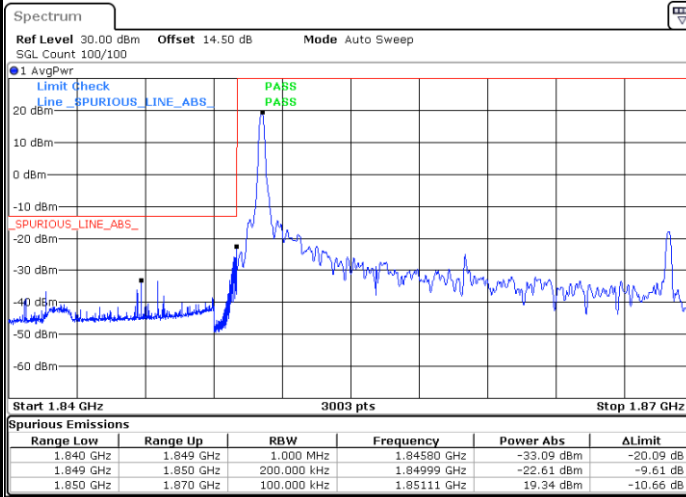
Highest Band Edge / Full RB



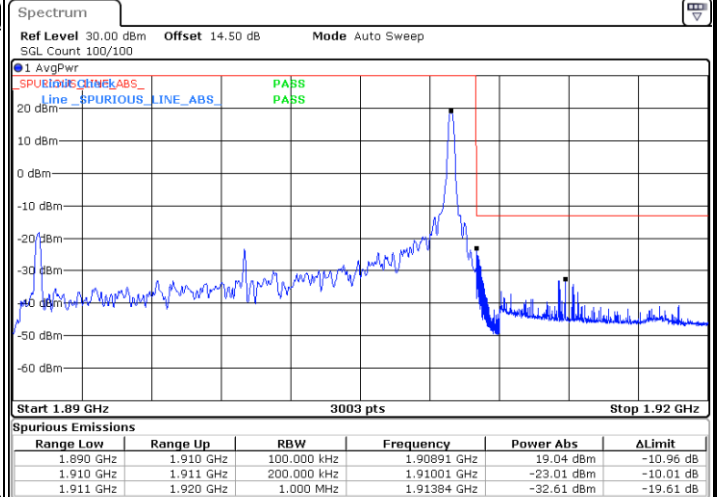


LTE Band 2 / 20MHz / 64QAM

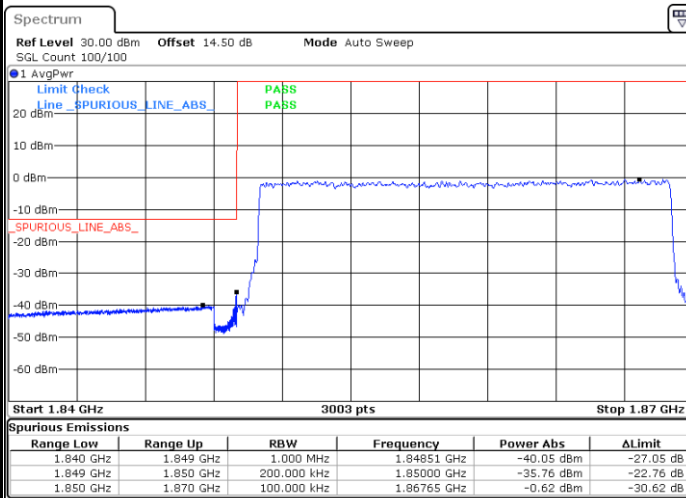
Lowest Band Edge / 1 RB



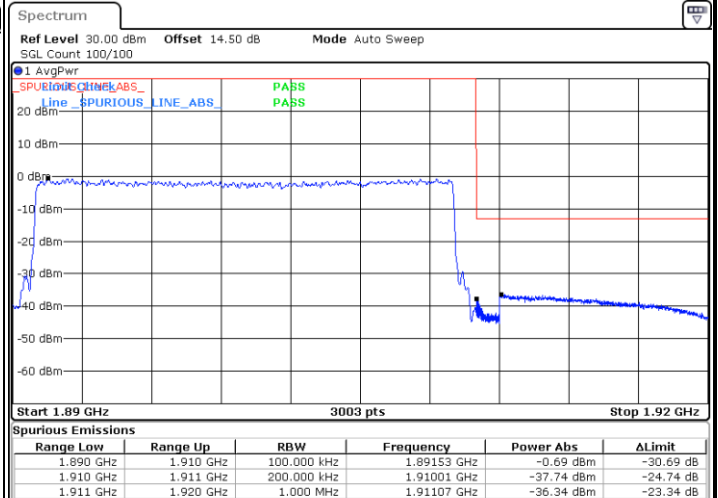
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

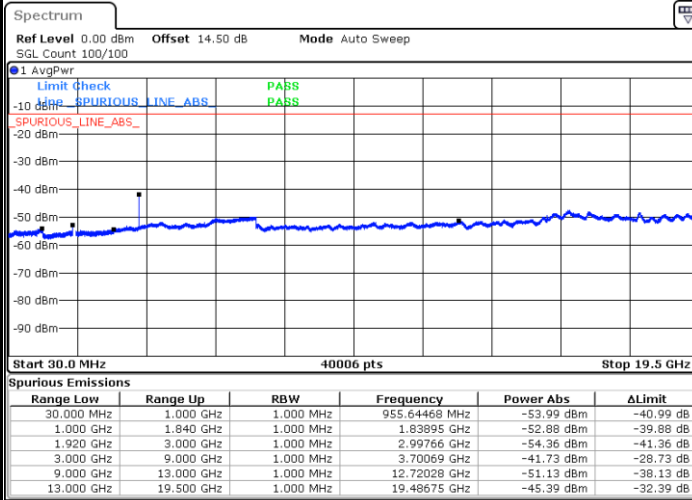




Conducted Spurious Emission

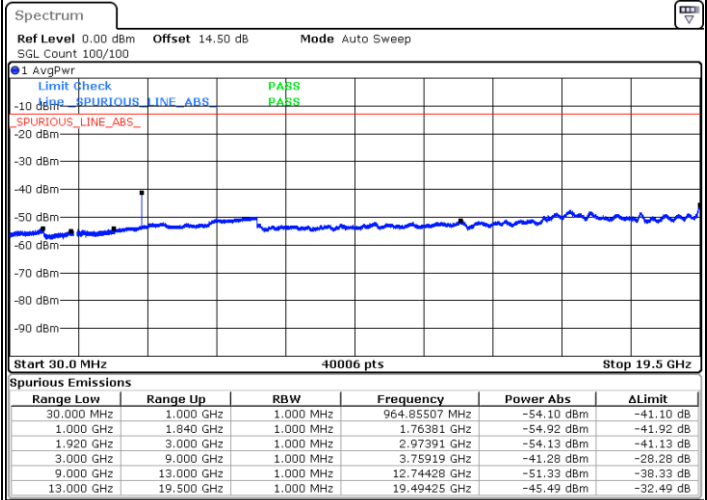
LTE Band 2 / 1.4MHz

Lowest Channel / QPSK



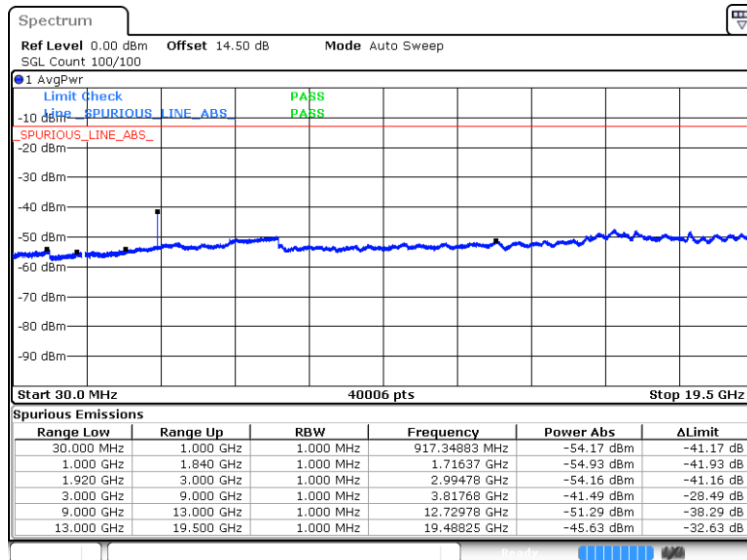
Date: 18 JUL 2025 06:53:09

Middle Channel / QPSK



Date: 18 JUL 2025 06:56:09

Highest Channel / QPSK

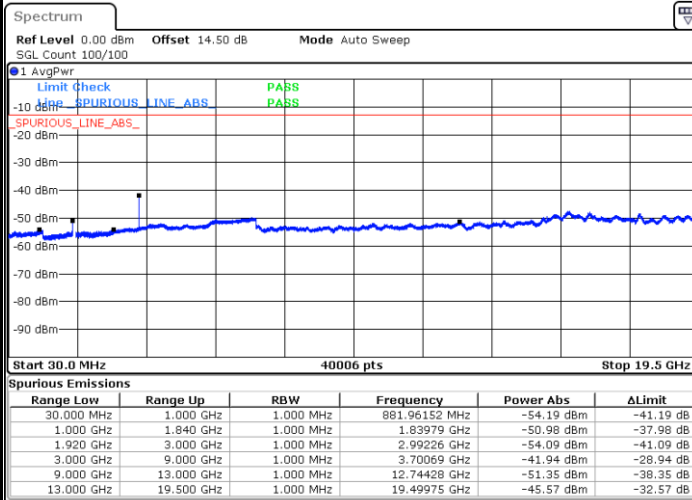


Date: 18 JUL 2025 07:00:27



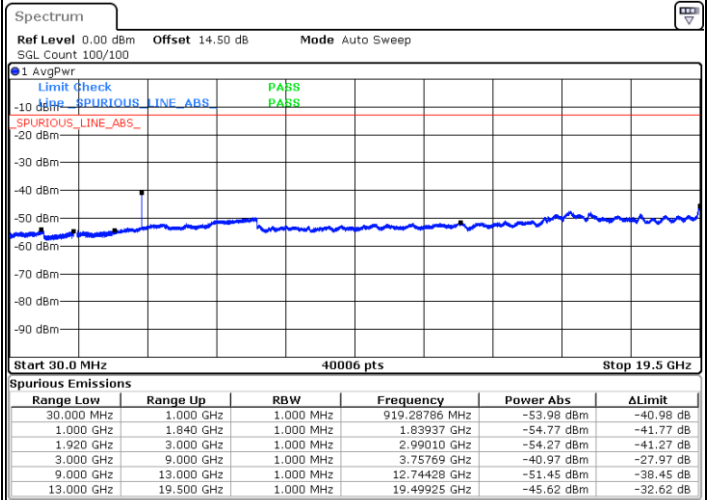
LTE Band 2 / 3MHz

Lowest Channel / QPSK



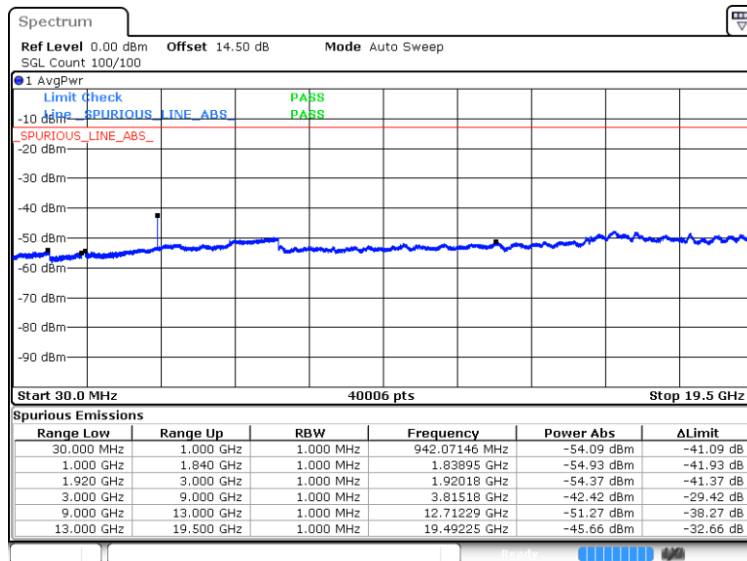
Date: 18 JUL 2025 07:06:13

Middle Channel / QPSK



Date: 18 JUL 2025 07:09:13

Highest Channel / QPSK

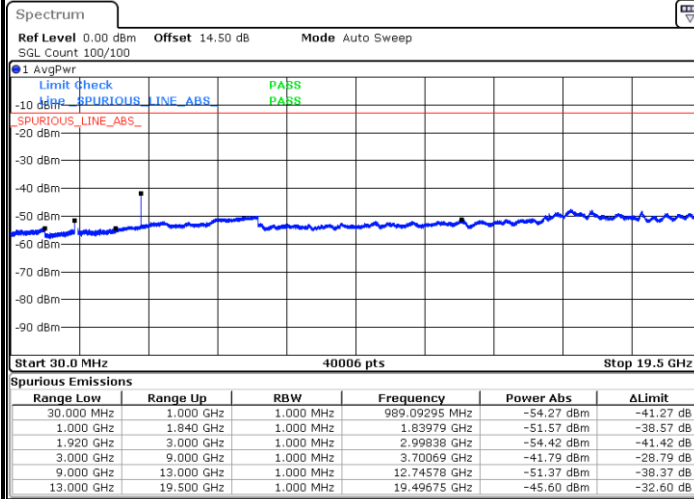


Date: 18 JUL 2025 07:15:33



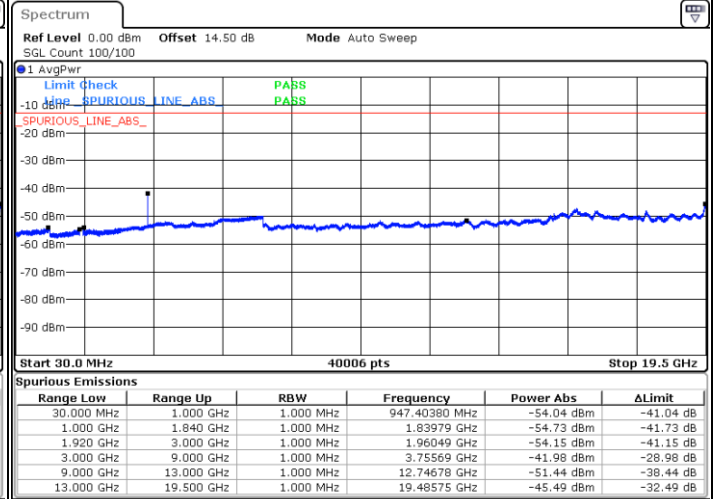
LTE Band 2 / 5MHz

Lowest Channel / QPSK



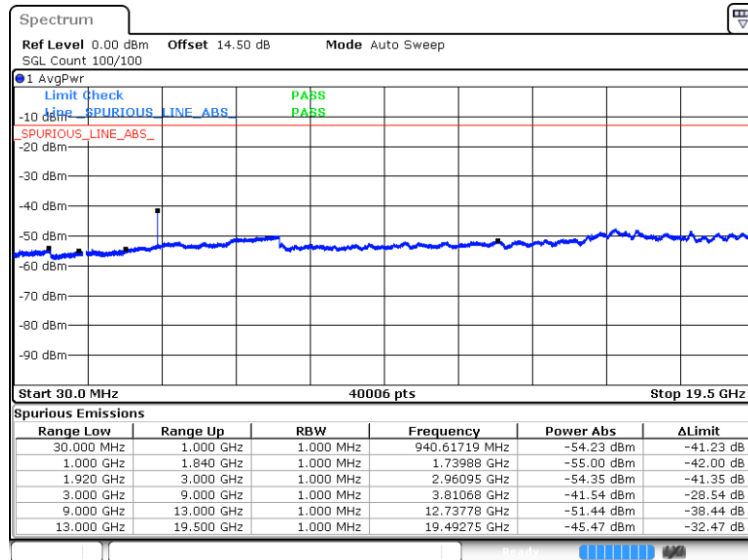
Date: 18 JUL 2025 07:18:36

Middle Channel / QPSK



Date: 18 JUL 2025 07:21:36

Highest Channel / QPSK

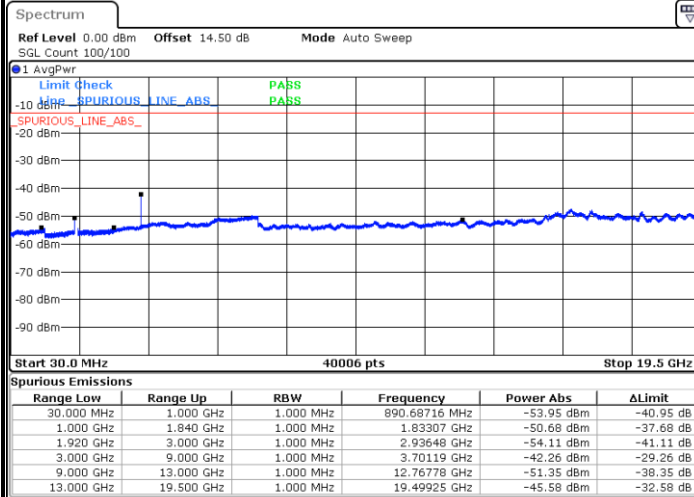


Date: 18 JUL 2025 07:27:56



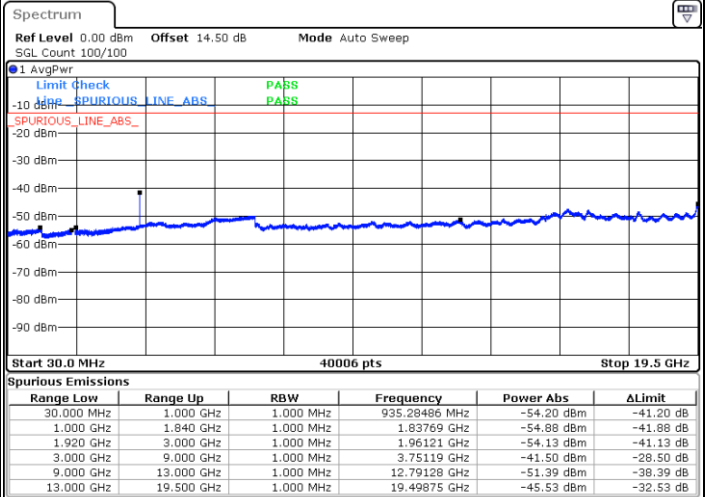
LTE Band 2 / 10MHz

Lowest Channel / QPSK



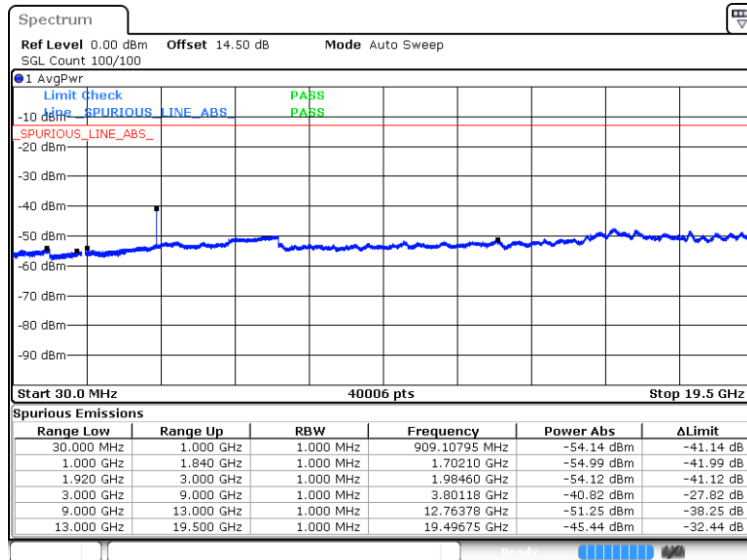
Date: 18 JUL 2025 07:33:00

Middle Channel / QPSK



Date: 18 JUL 2025 07:33:59

Highest Channel / QPSK

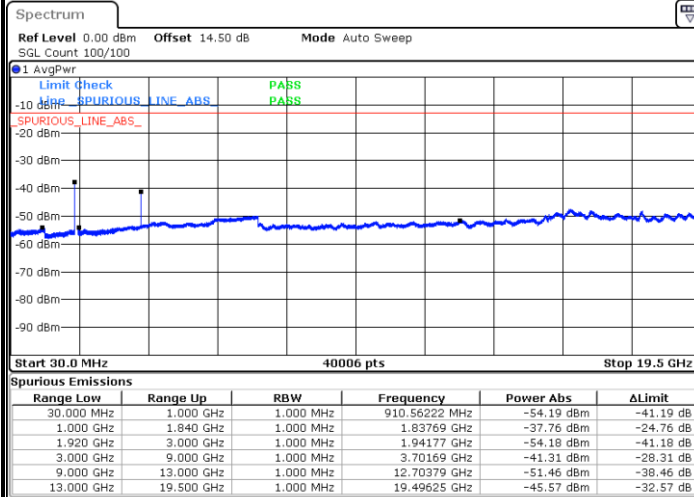


Date: 18 JUL 2025 07:40:19



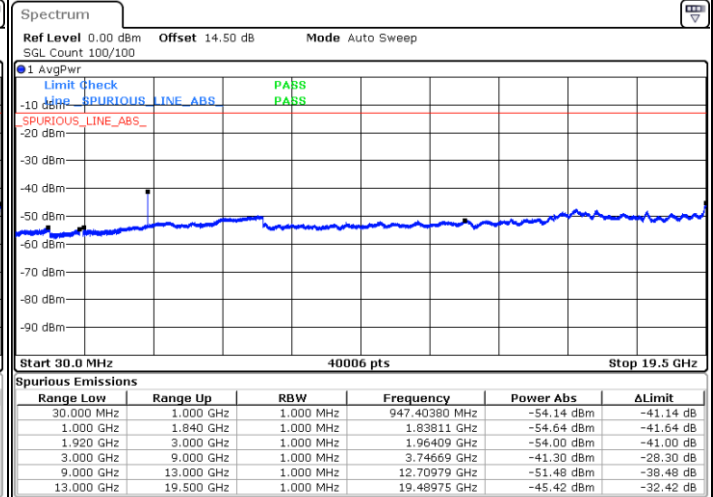
LTE Band 2 / 15MHz

Lowest Channel / QPSK



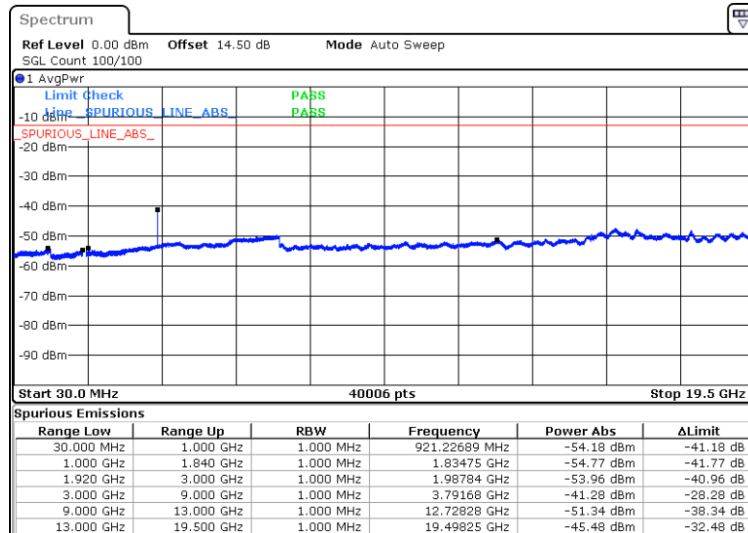
Date: 18 JUL 2025 07:46:04

Middle Channel / QPSK



Date: 18 JUL 2025 07:47:03

Highest Channel / QPSK

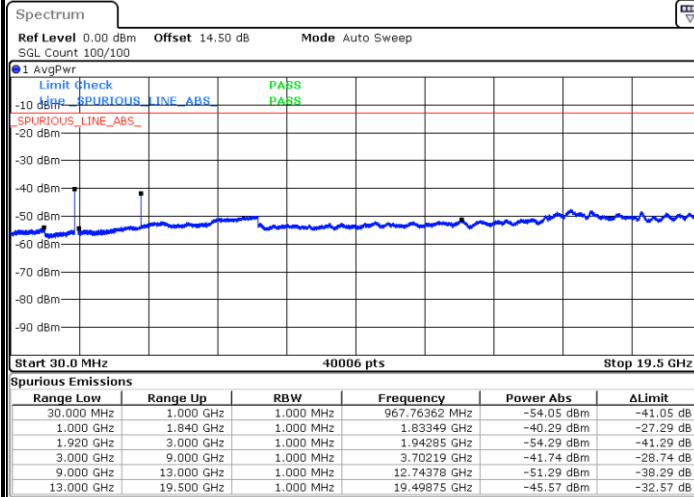


Date: 18 JUL 2025 07:53:23



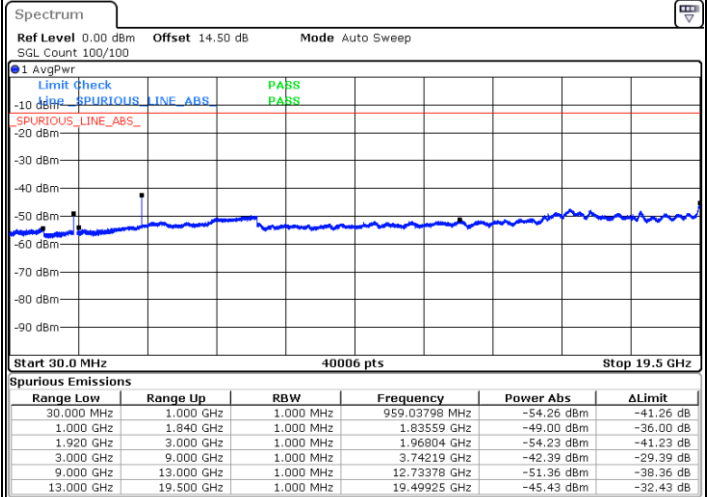
LTE Band 2 / 20MHz

Lowest Channel / QPSK



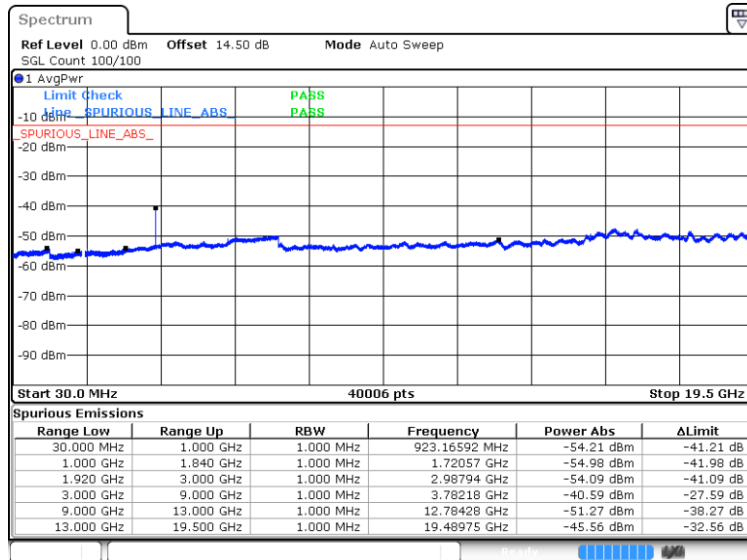
Date: 18 JUL 2025 07:59:07

Middle Channel / QPSK



Date: 18 JUL 2025 08:00:06

Highest Channel / QPSK



Date: 18 JUL 2025 08:07:46

**Frequency Stability**

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0026	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

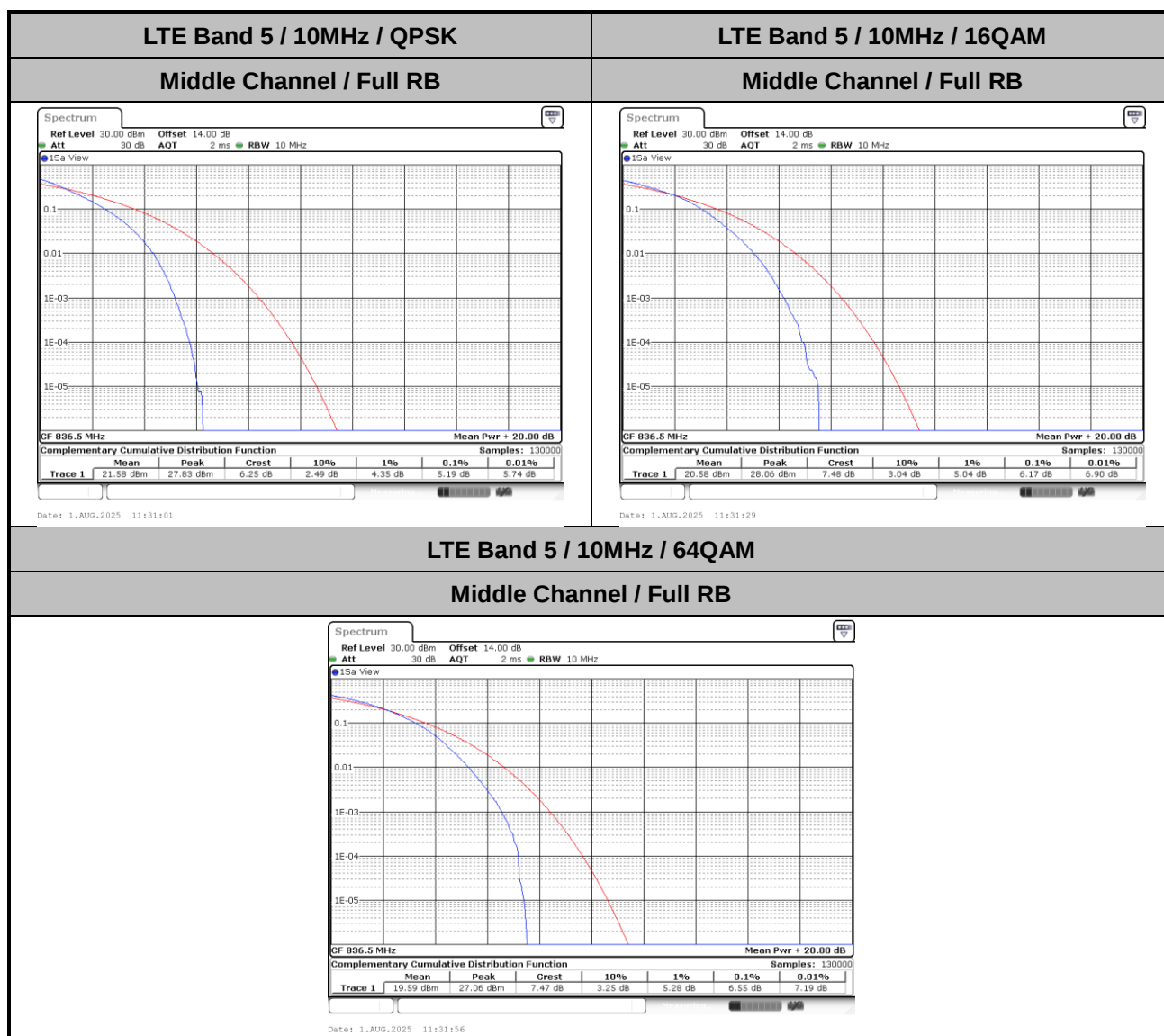
1. Normal Voltage = 3.91 V.; Battery End Point (BEP) = 3.7 V.; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 5

Peak-to-Average Ratio

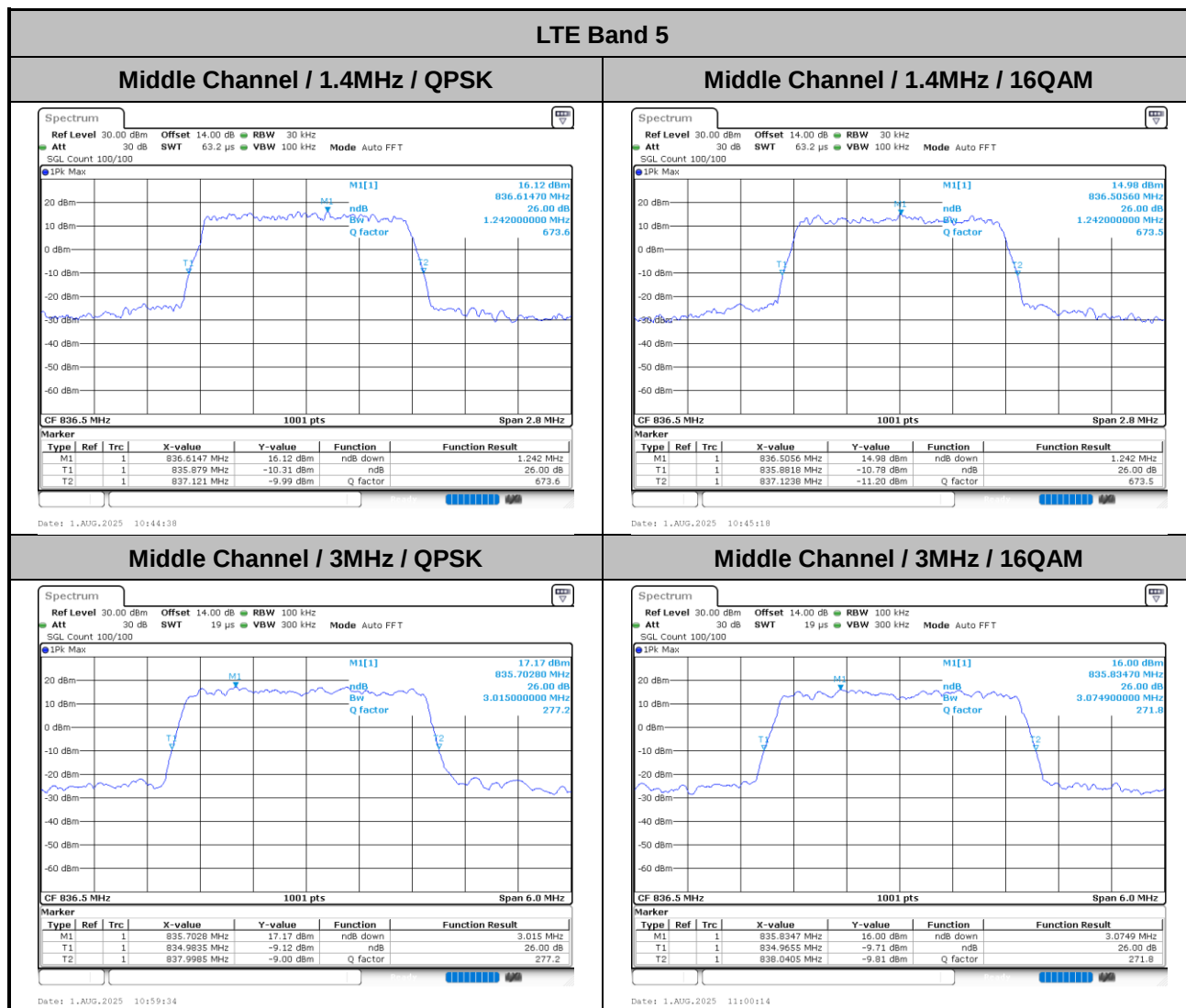
Mode	LTE Band 5 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.19	6.17	6.55	PASS





26dB Bandwidth

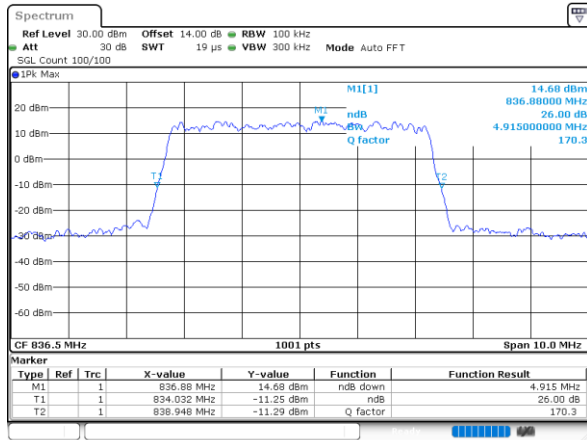
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.24	1.24	3.02	3.07	4.92	4.91	9.81	9.81	-	-	-	-



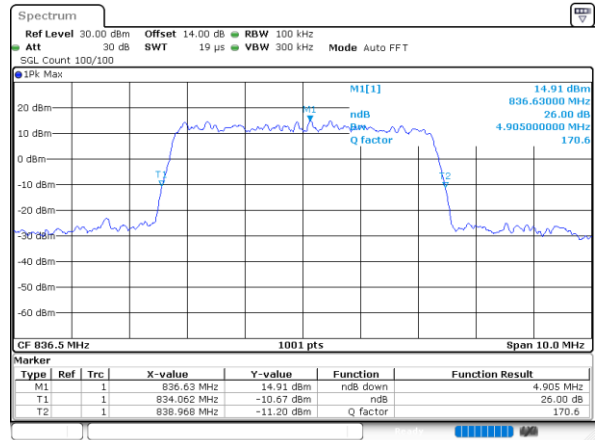


LTE Band 5

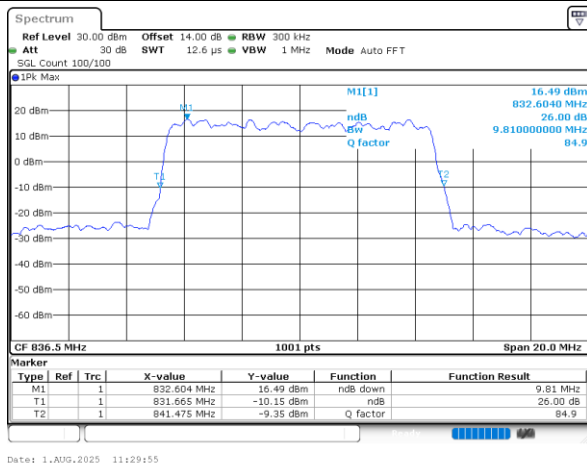
Middle Channel / 5MHz / QPSK



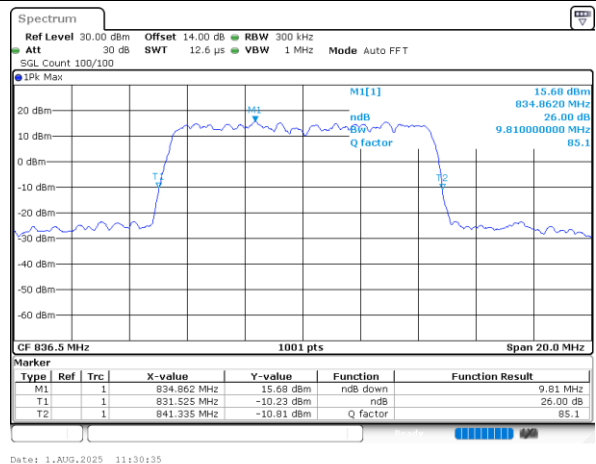
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK



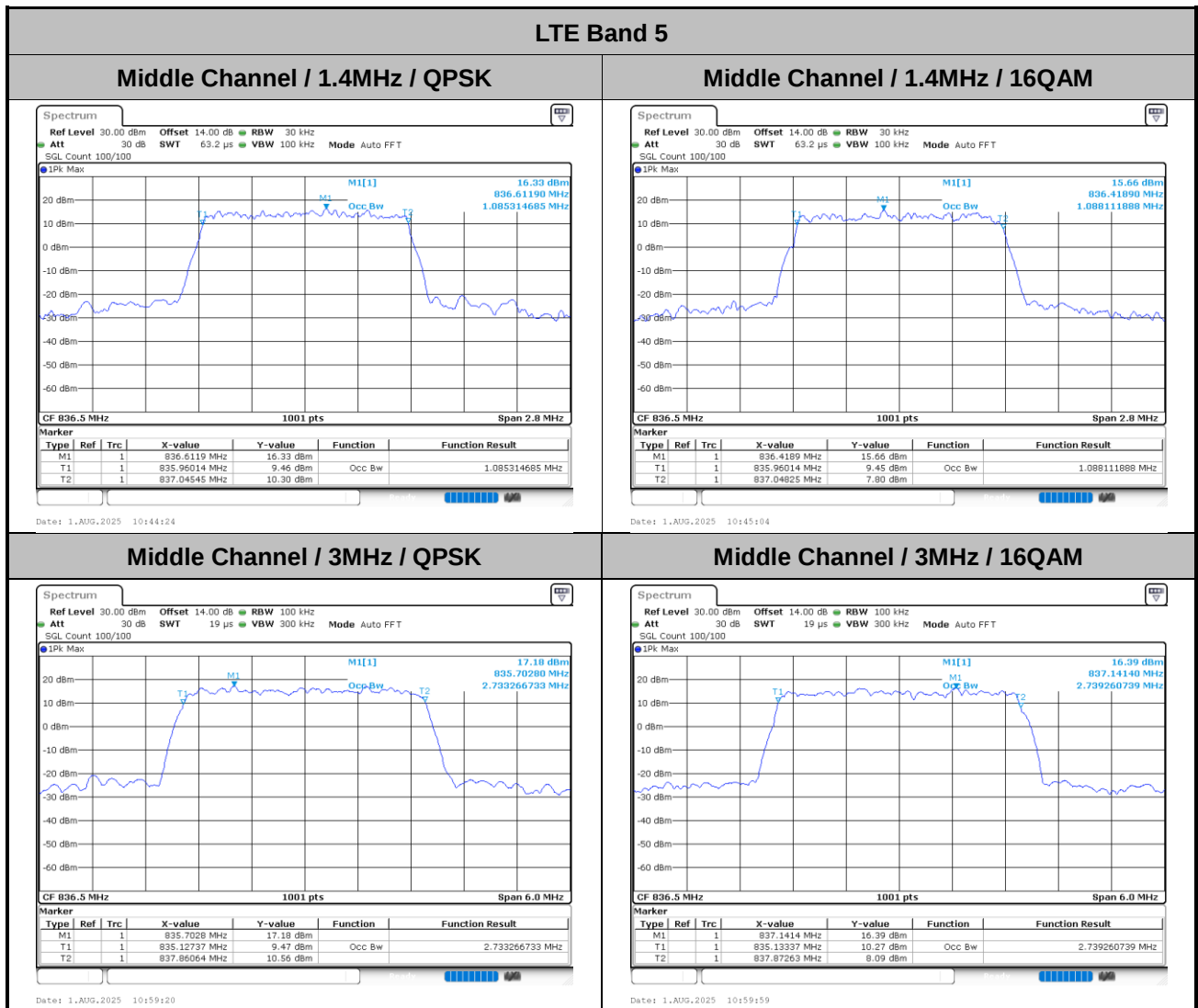
Middle Channel / 10MHz / 16QAM





Occupied Bandwidth

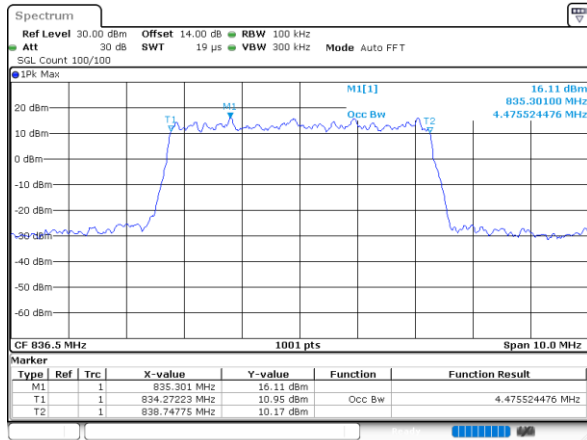
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.09	2.73	2.74	4.48	4.49	8.99	9.01	-	-	-	-



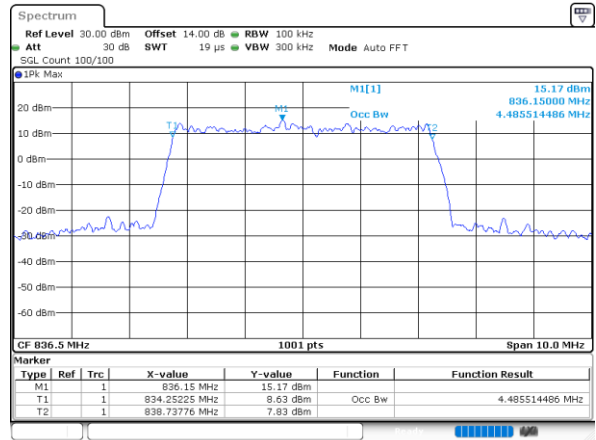


LTE Band 5

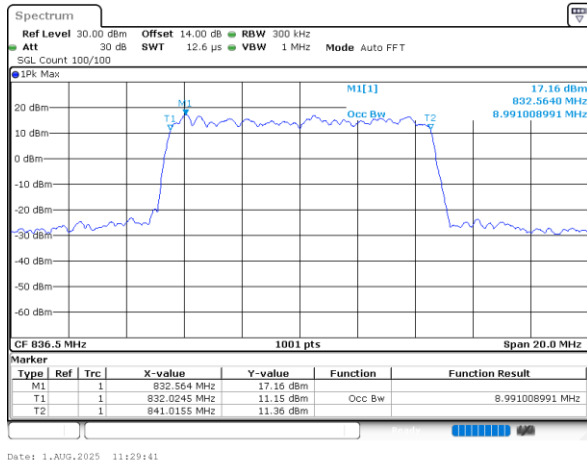
Middle Channel / 5MHz / QPSK



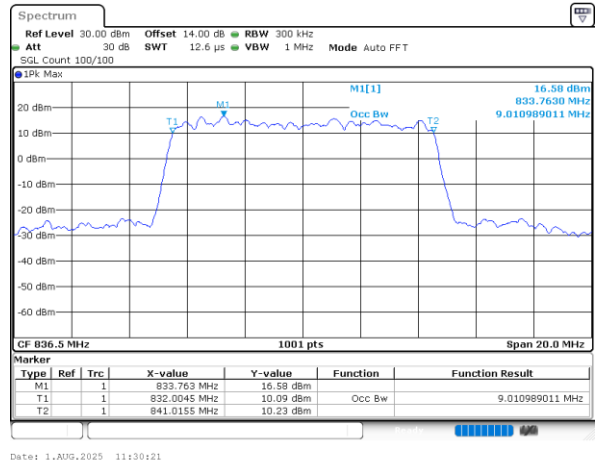
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM

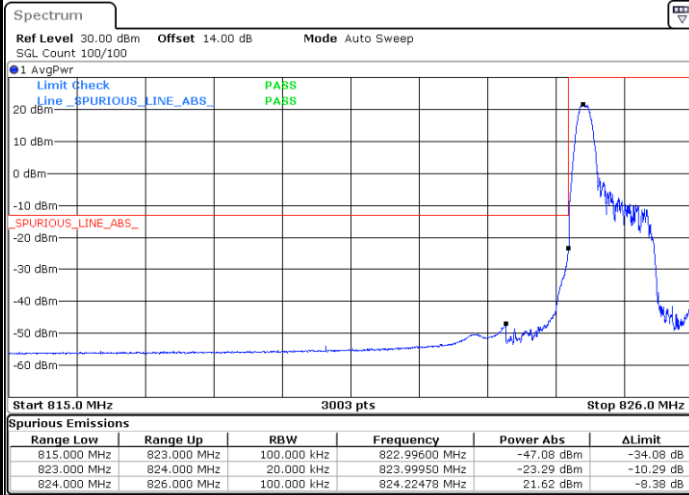




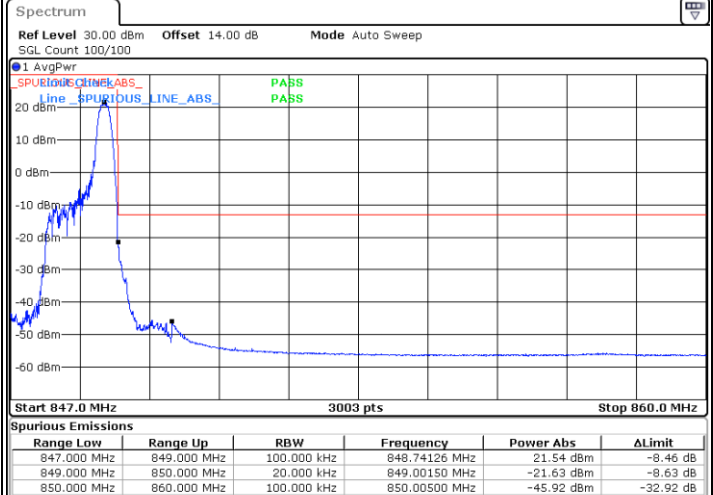
Conducted Band Edge

LTE Band 5 / 1.4MHz / QPSK

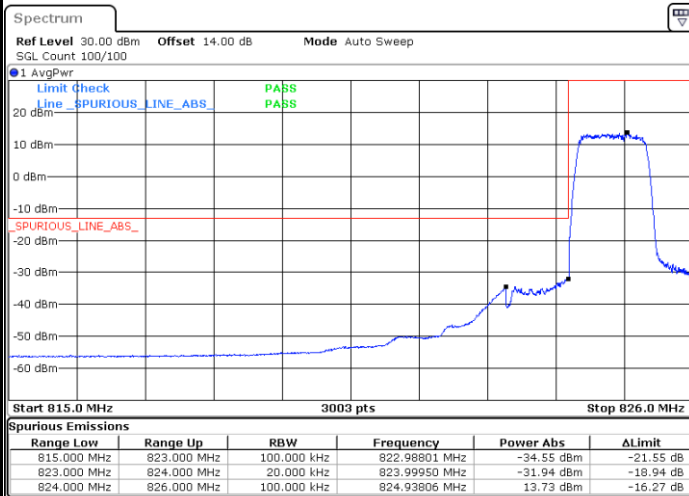
Lowest Band Edge / 1RB



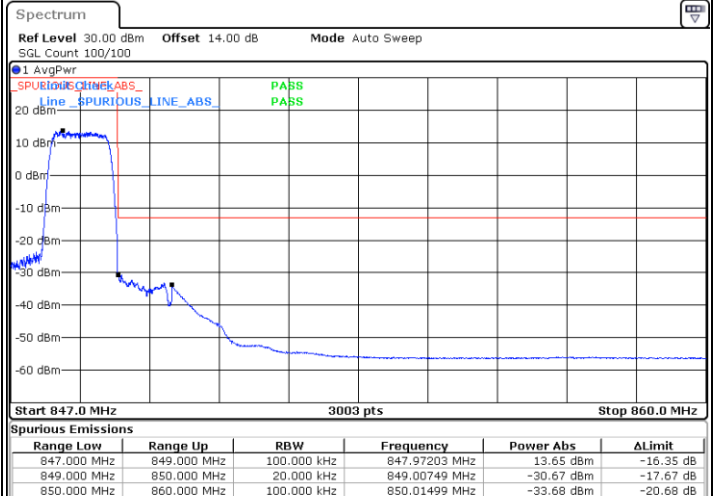
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



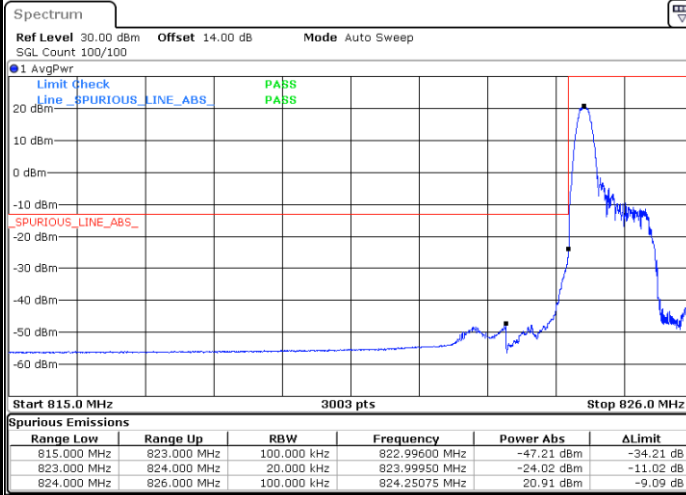
Highest Band Edge / Full RB





LTE Band 5 / 1.4MHz / 16QAM

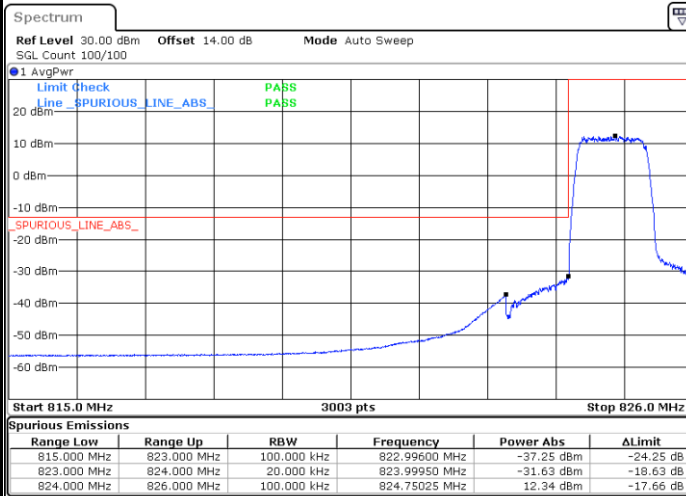
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



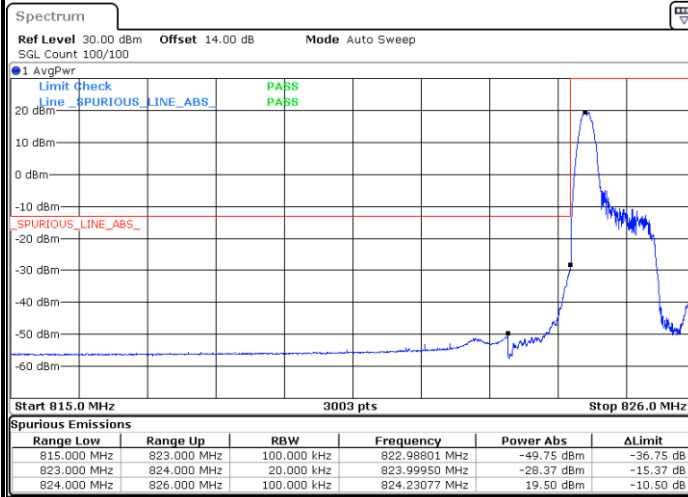
Highest Band Edge / Full RB



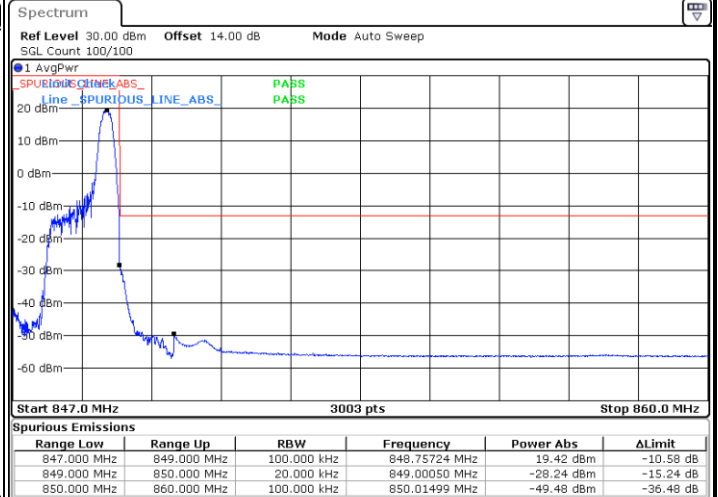


LTE Band 5 / 1.4MHz / 64QAM

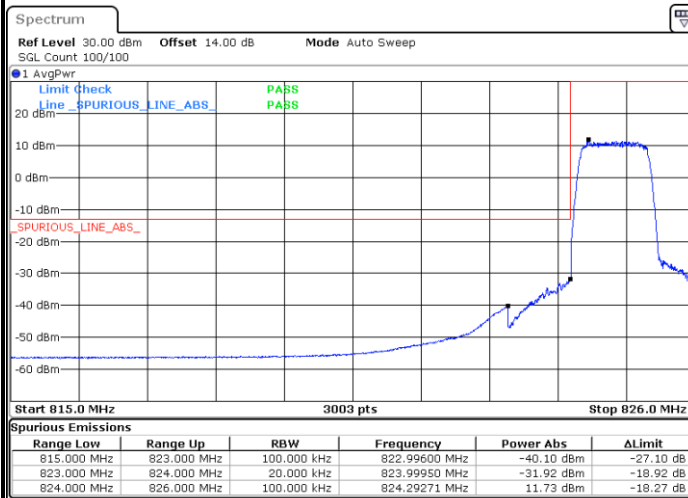
Lowest Band Edge / 1 RB



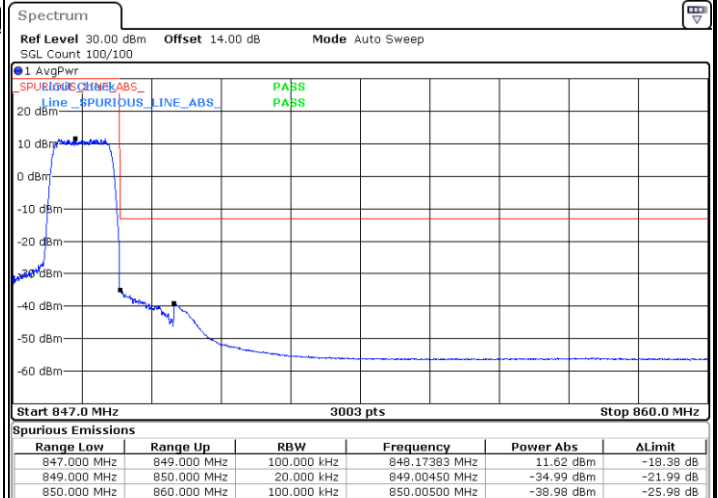
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



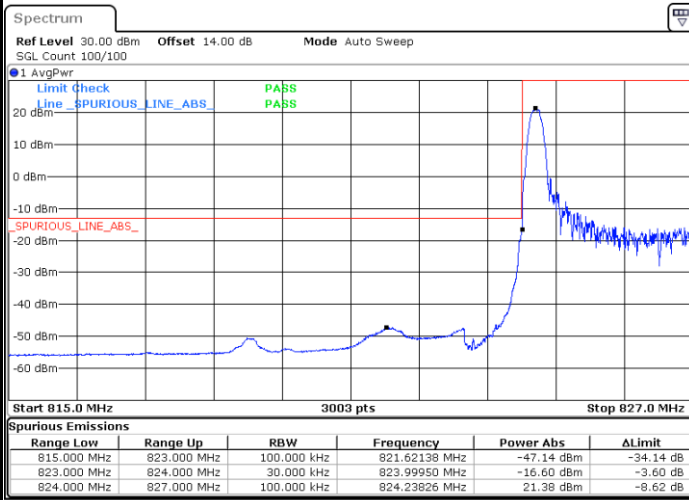
Highest Band Edge / Full RB





LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB



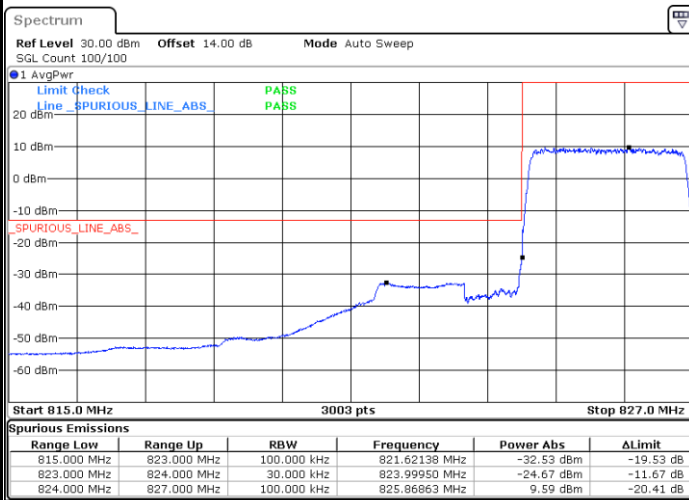
Date: 1.AUG.2025 10:53:11

Highest Band Edge / 1RB



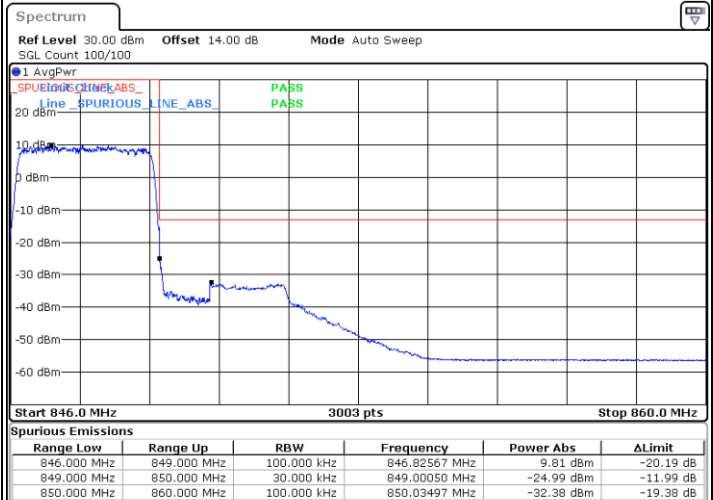
Date: 1.AUG.2025 11:01:01

Lowest Band Edge / Full RB



Date: 1.AUG.2025 10:55:24

Highest Band Edge / Full RB

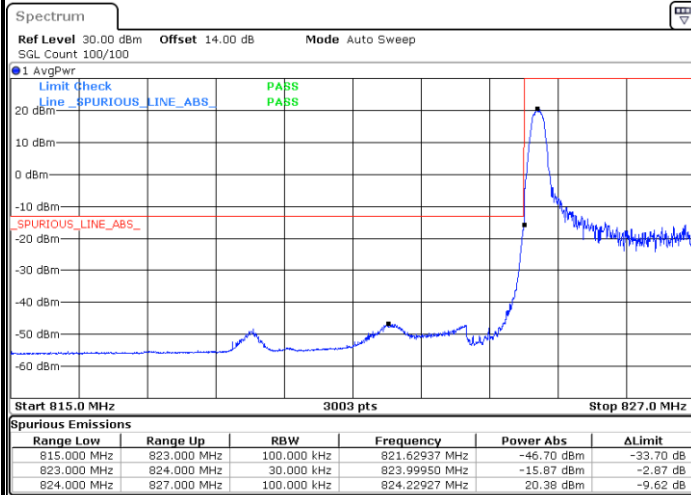


Date: 1.AUG.2025 11:03:26



LTE Band 5 / 3MHz / 16QAM

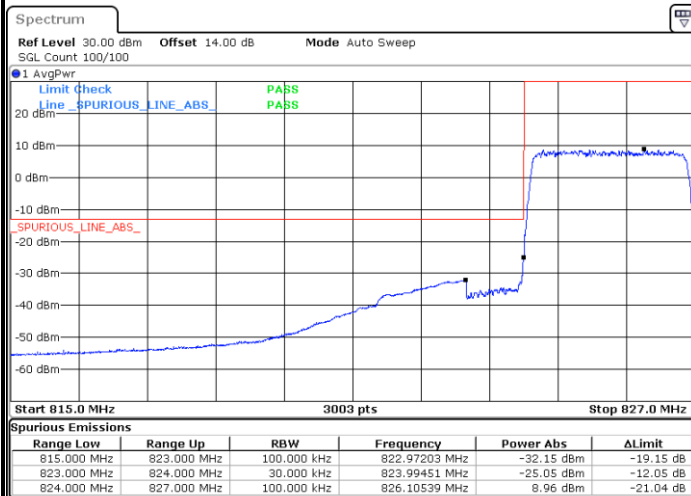
Lowest Band Edge / 1 RB



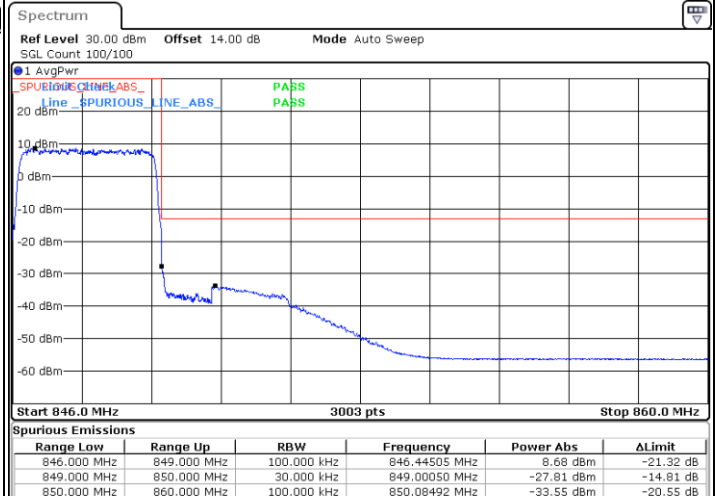
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



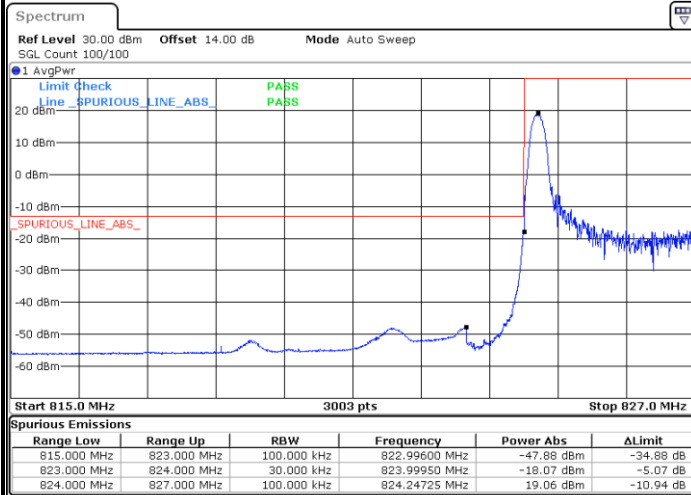
Highest Band Edge / Full RB





LTE Band 5 / 3MHz / 64QAM

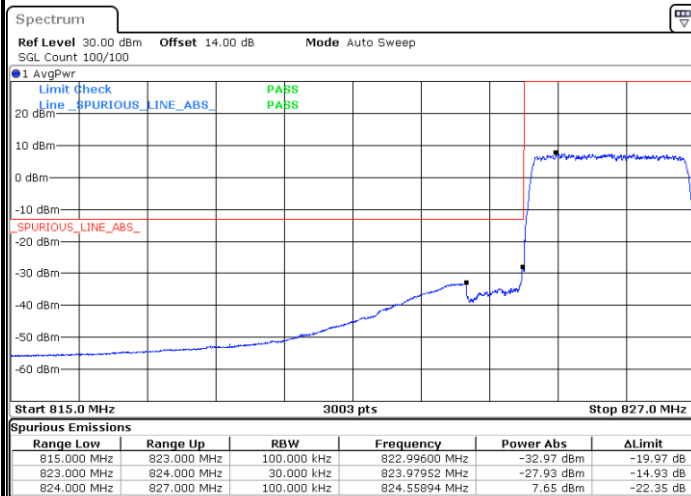
Lowest Band Edge / 1 RB



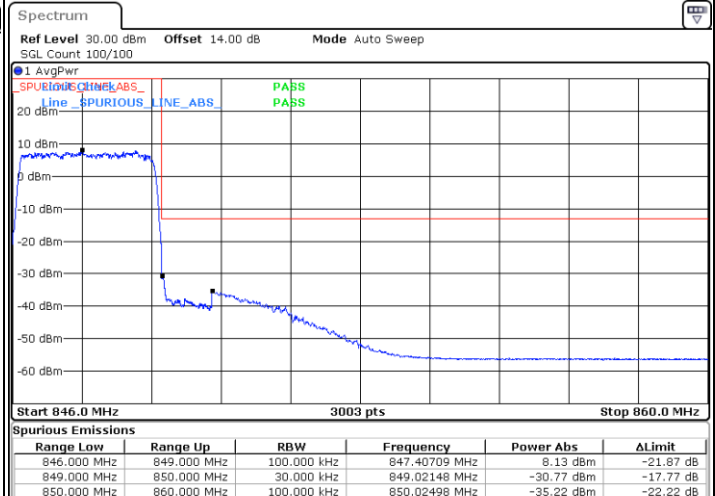
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



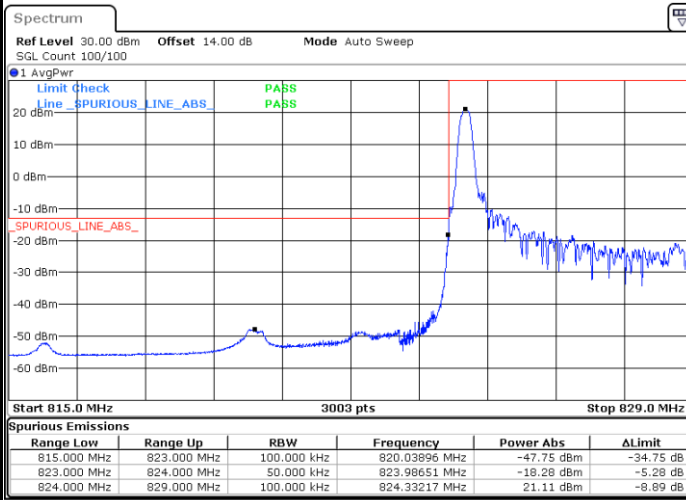
Highest Band Edge / Full RB





LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1RB



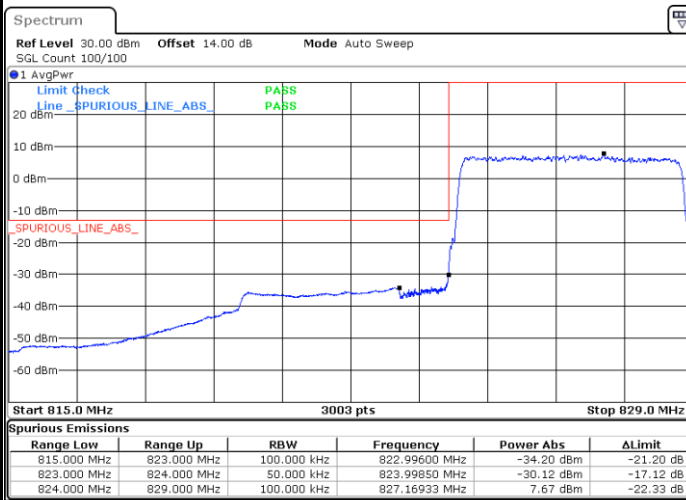
Date: 1.AUG.2025 11:08:36

Highest Band Edge / 1RB



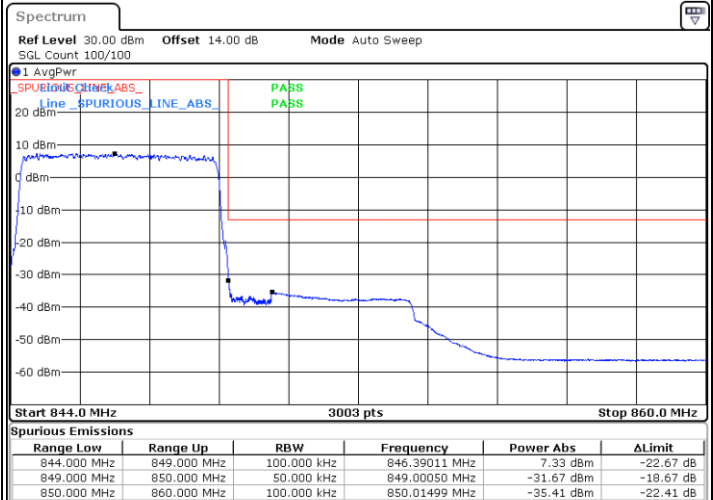
Date: 1.AUG.2025 11:16:27

Lowest Band Edge / Full RB



Date: 1.AUG.2025 11:10:50

Highest Band Edge / Full RB

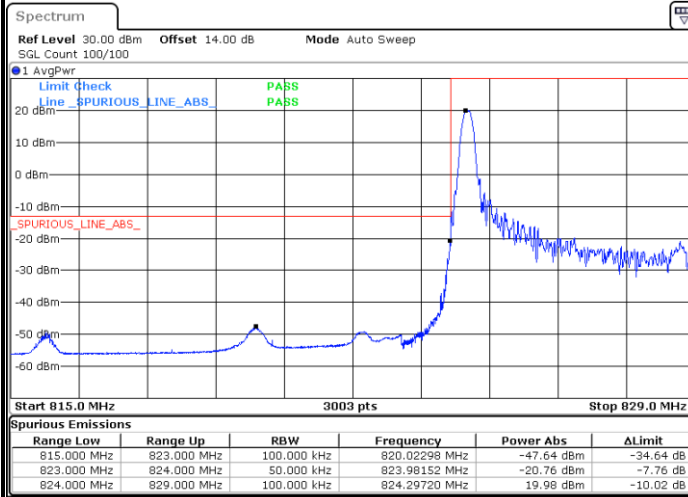


Date: 1.AUG.2025 11:18:53



LTE Band 5 / 5MHz / 16QAM

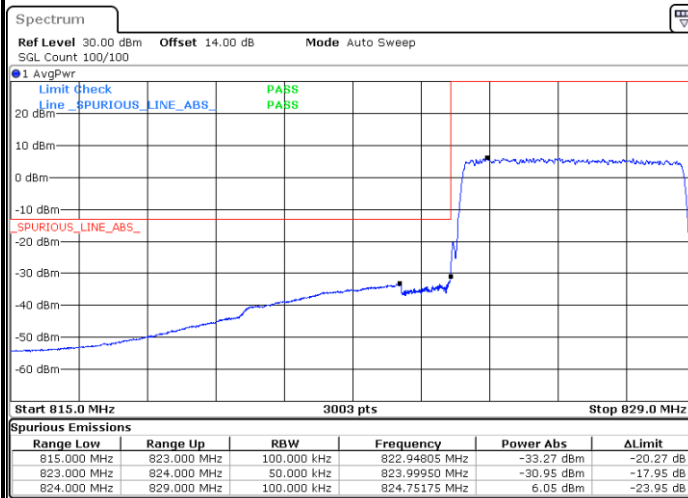
Lowest Band Edge / 1 RB



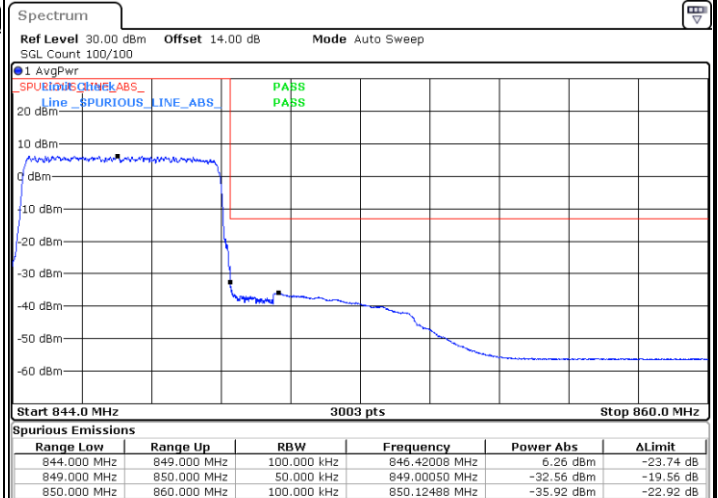
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



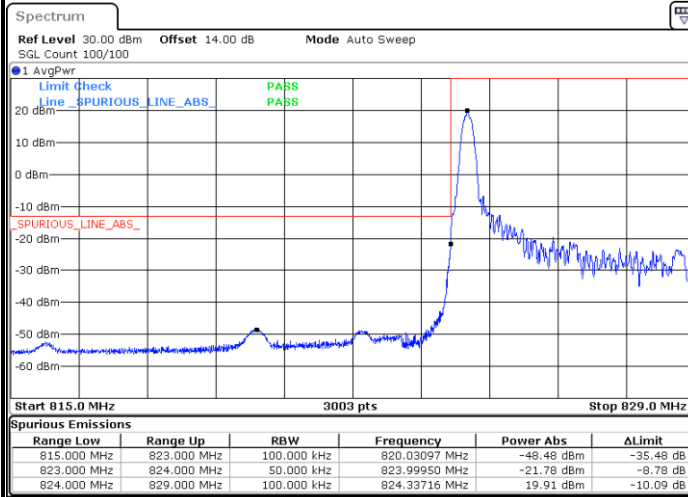
Highest Band Edge / Full RB





LTE Band 5 / 5MHz / 64QAM

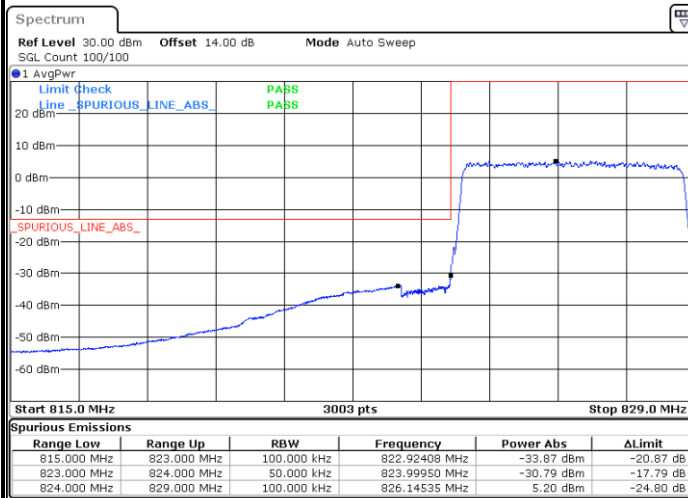
Lowest Band Edge / 1 RB



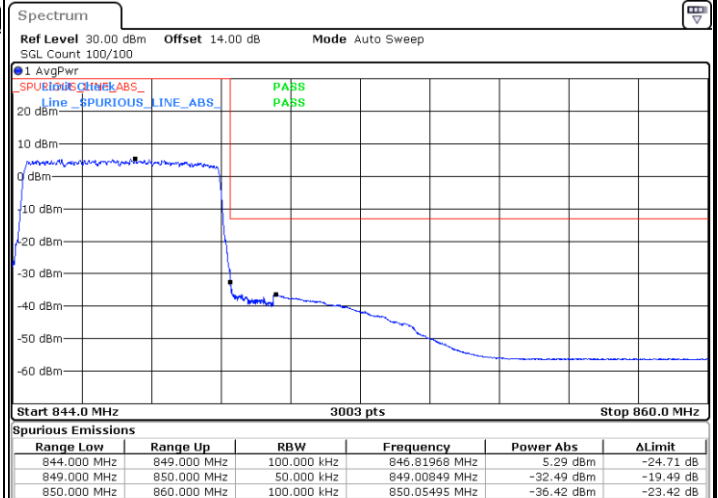
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



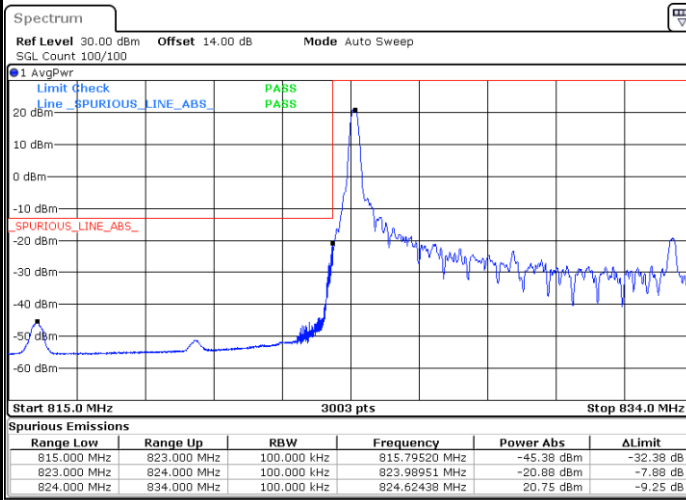
Highest Band Edge / Full RB



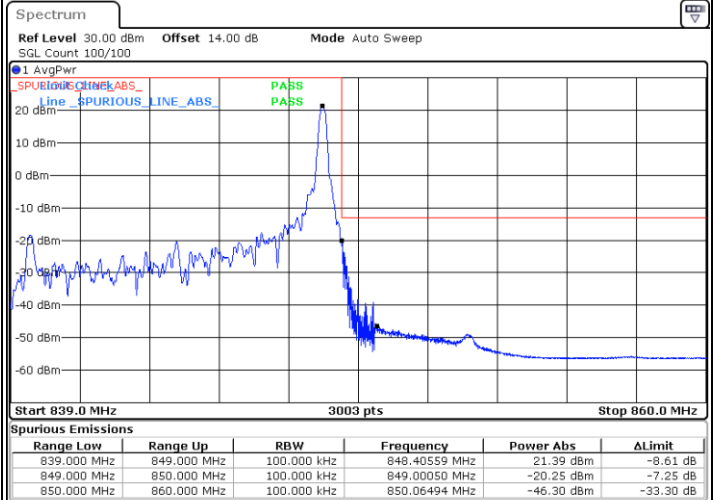


LTE Band 5 / 10MHz / QPSK

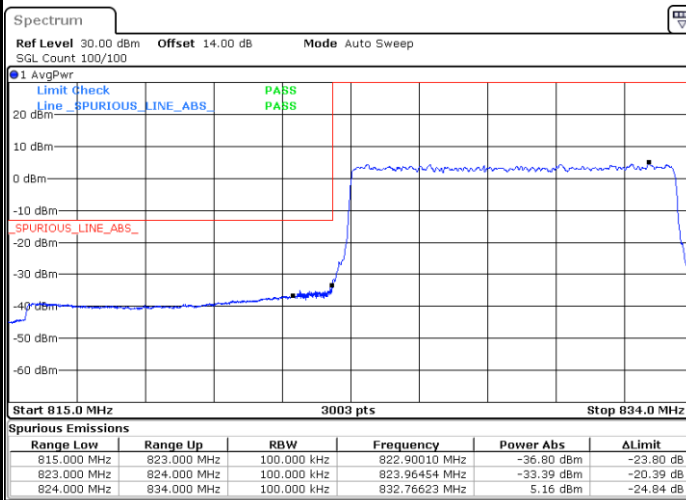
Lowest Band Edge / 1RB



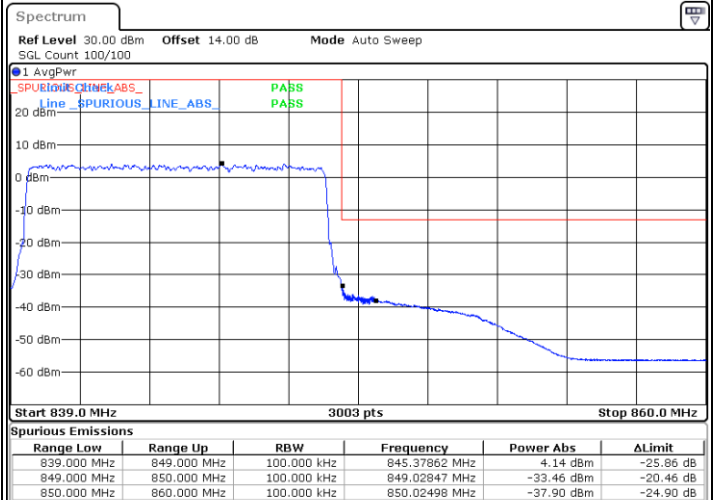
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



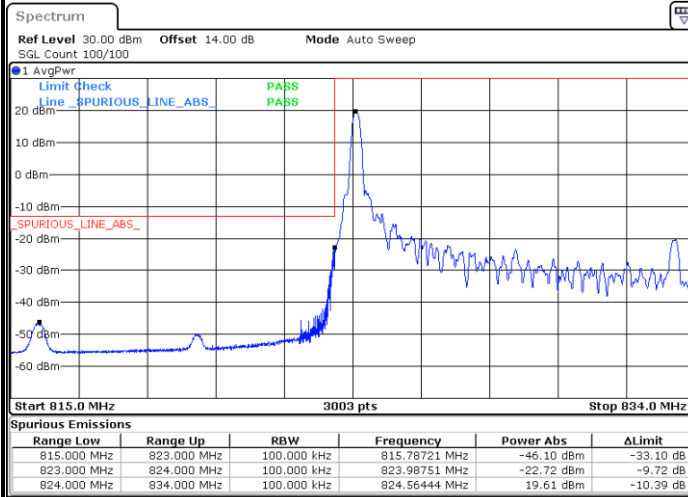
Highest Band Edge / Full RB



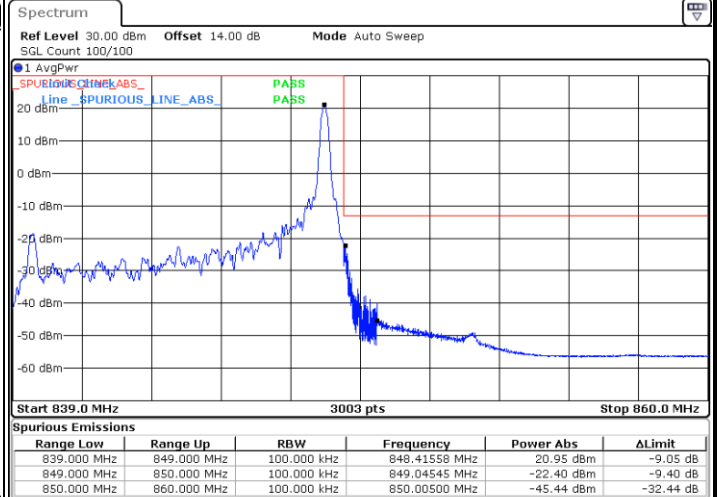


LTE Band 5 / 10MHz / 16QAM

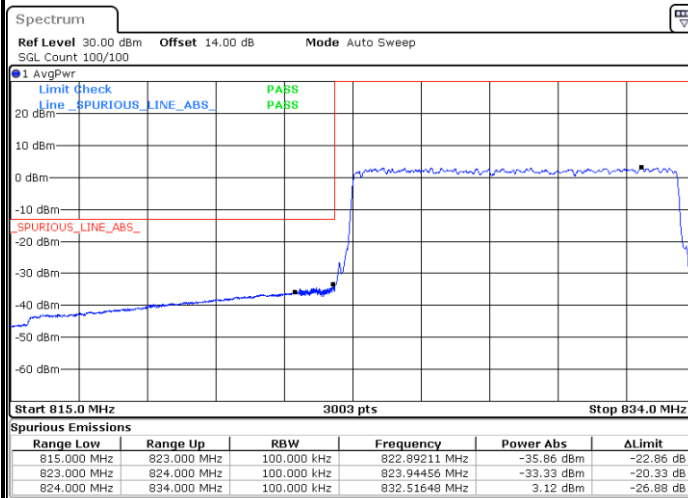
Lowest Band Edge / 1 RB



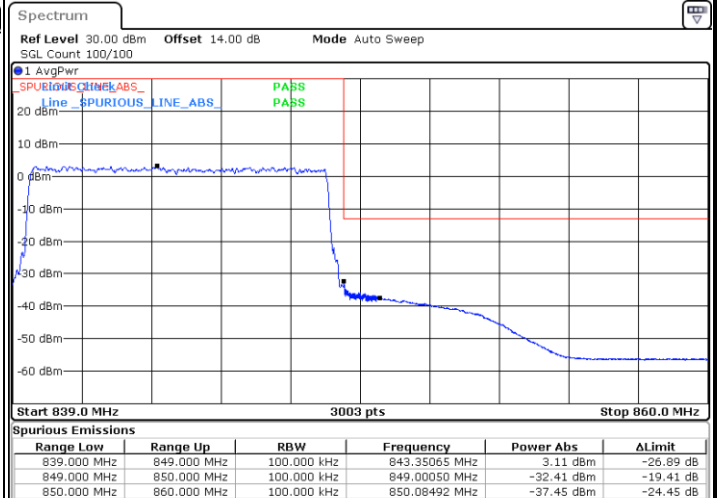
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



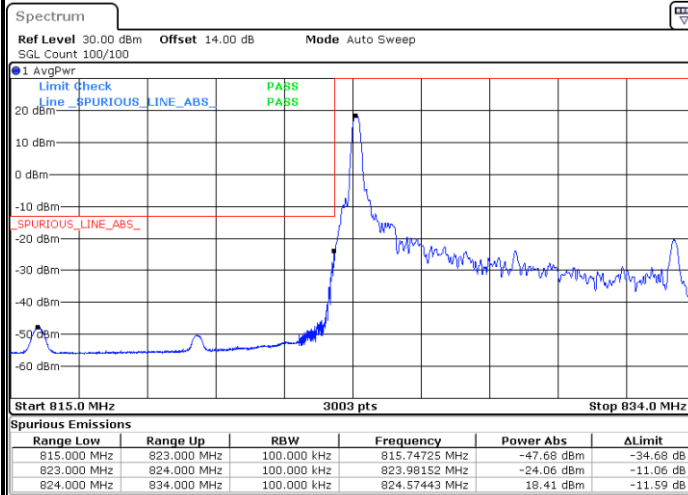
Highest Band Edge / Full RB



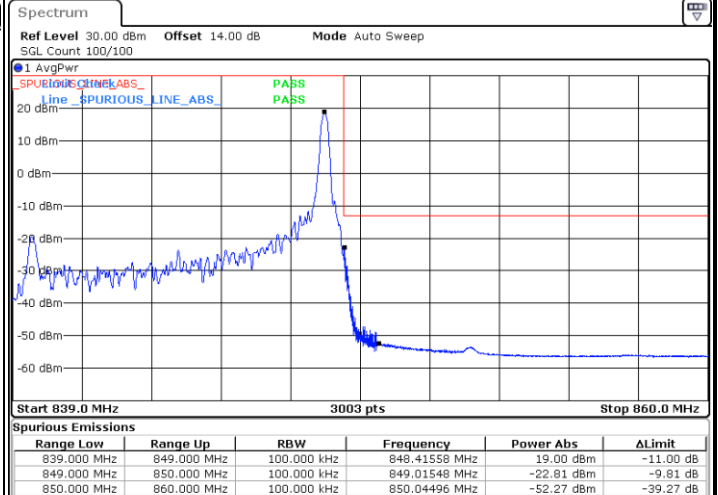


LTE Band 5 / 10MHz / 64QAM

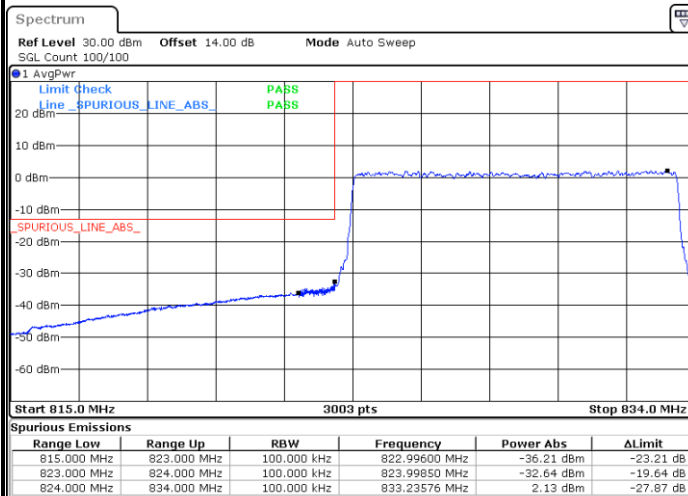
Lowest Band Edge / 1 RB



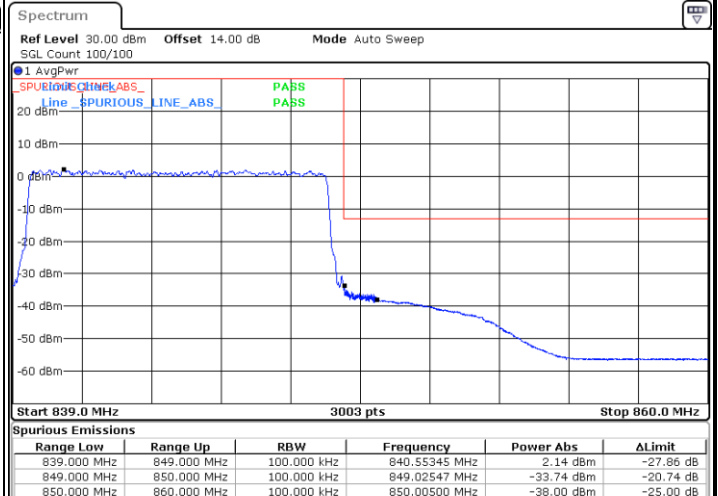
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

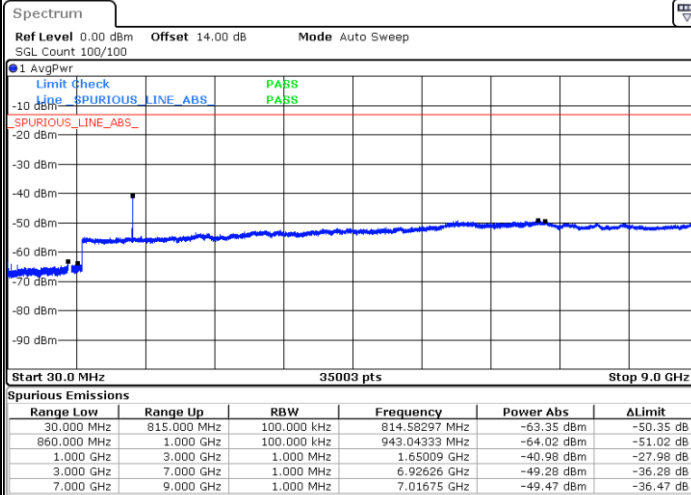




Conducted Spurious Emission

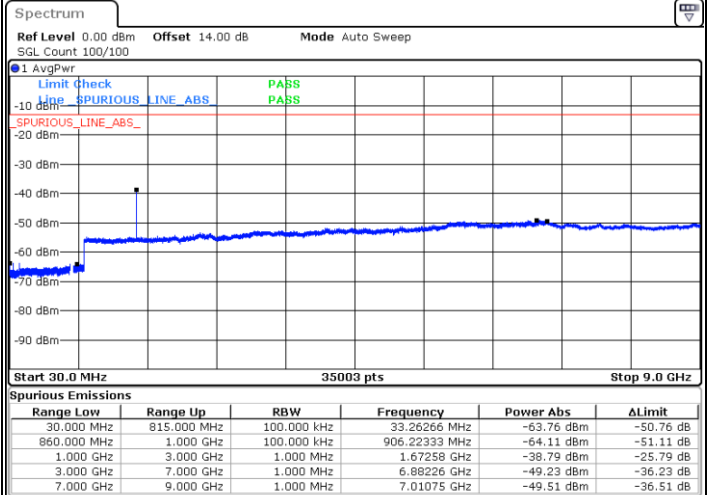
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK



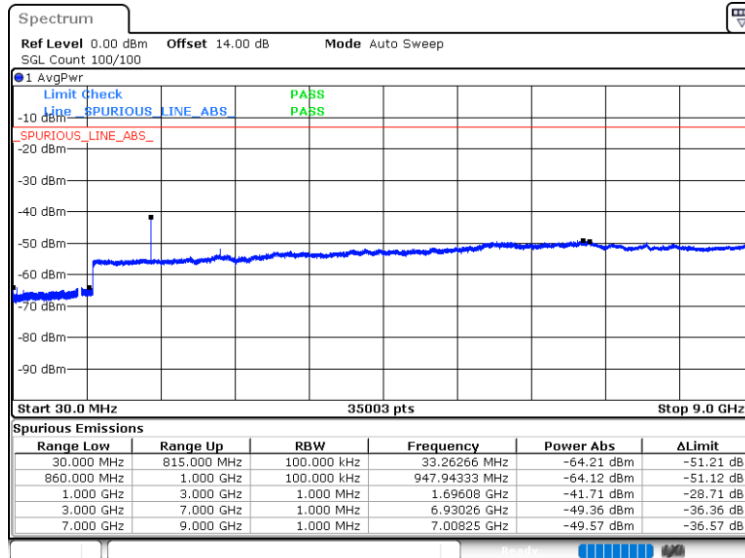
Date: 1.AUG.2025 10:42:58

Middle Channel / QPSK



Date: 1.AUG.2025 10:43:58

Highest Channel / QPSK

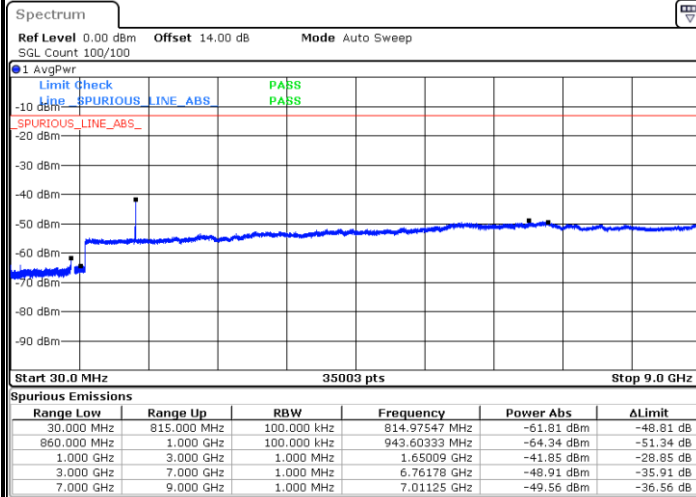


Date: 1.AUG.2025 10:51:11



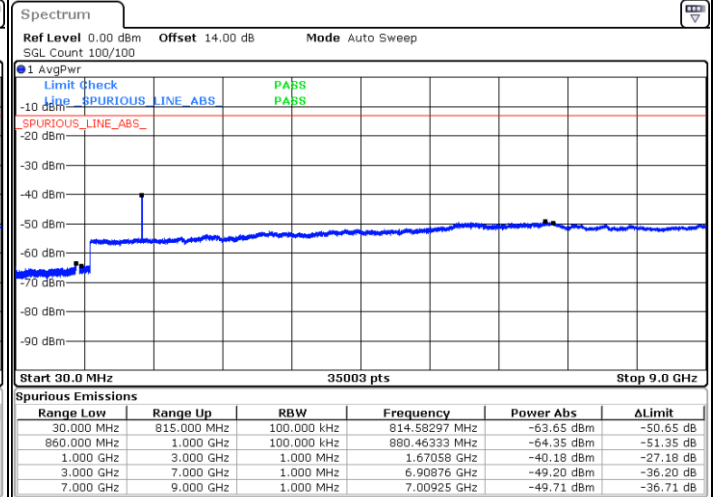
LTE Band 5 / 3MHz

Lowest Channel / QPSK



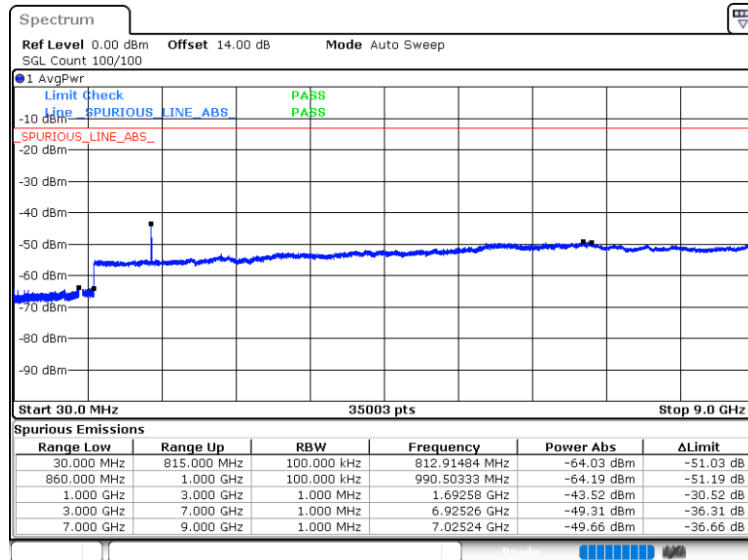
Date: 1.AUG.2025 10:57:53

Middle Channel / QPSK



Date: 1.AUG.2025 10:58:53

Highest Channel / QPSK

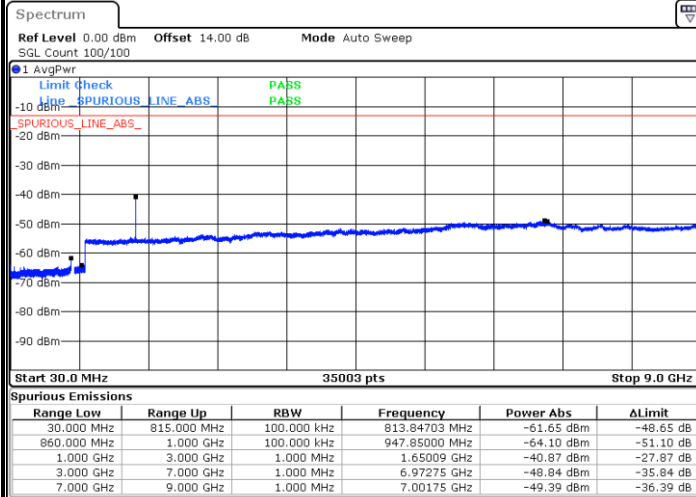


Date: 1.AUG.2025 11:06:04



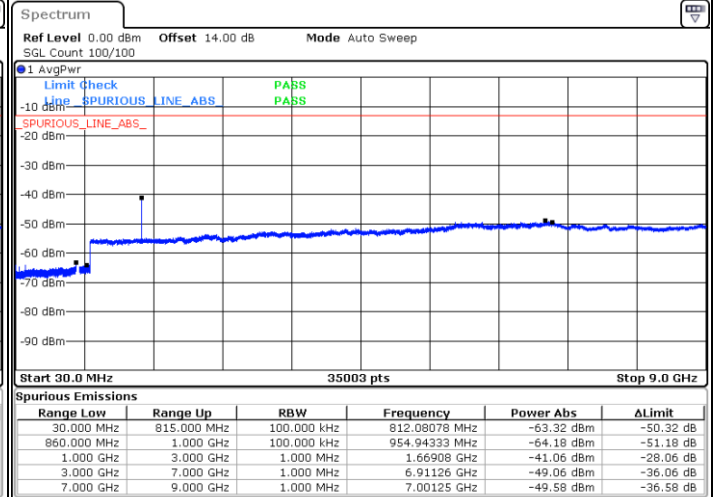
LTE Band 5 / 5MHz

Lowest Channel / QPSK



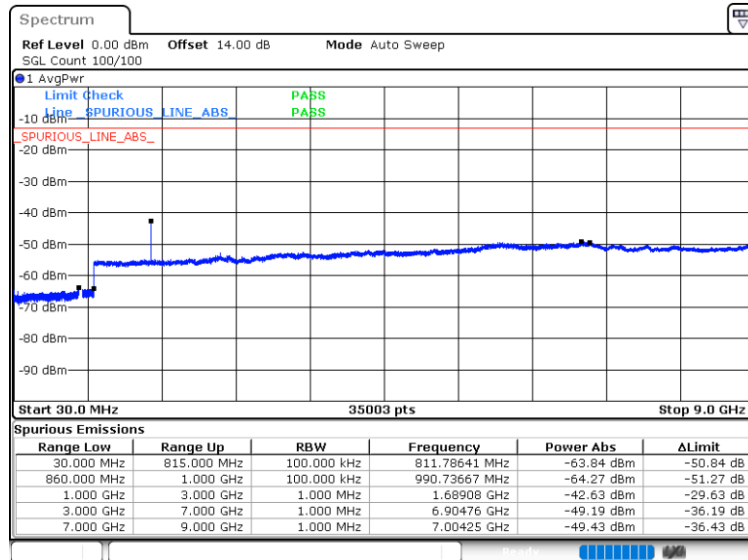
Date: 1.AUG.2025 11:13:19

Middle Channel / QPSK



Date: 1.AUG.2025 11:14:19

Highest Channel / QPSK

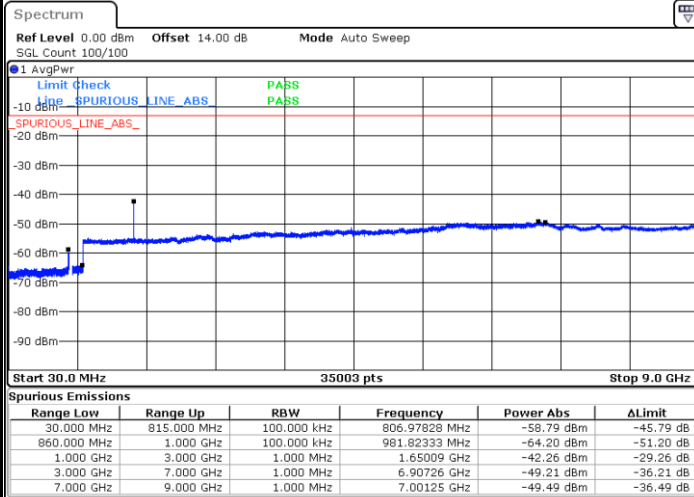


Date: 1.AUG.2025 11:21:32



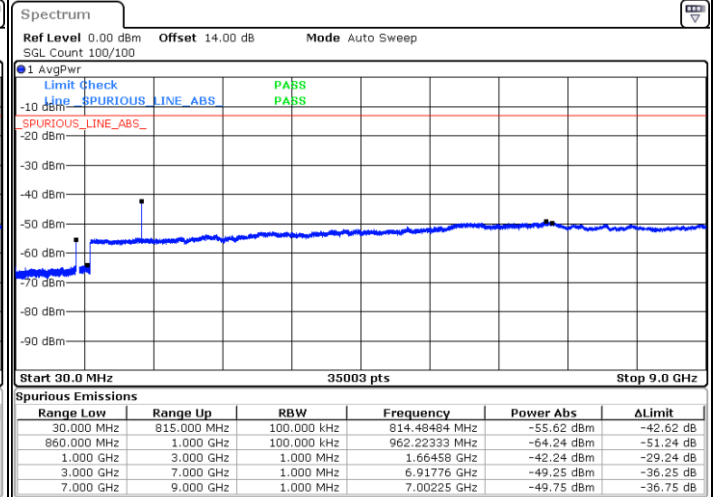
LTE Band 5 / 10MHz

Lowest Channel / QPSK



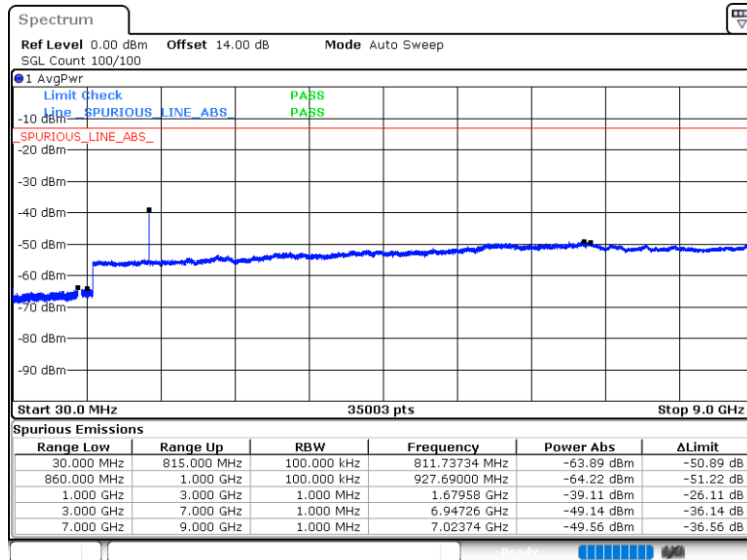
Date: 1.AUG.2025 11:28:15

Middle Channel / QPSK



Date: 1.AUG.2025 11:29:15

Highest Channel / QPSK



Date: 1.AUG.2025 11:37:51

**Frequency Stability**

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	≤2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0054	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0051	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0071	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.