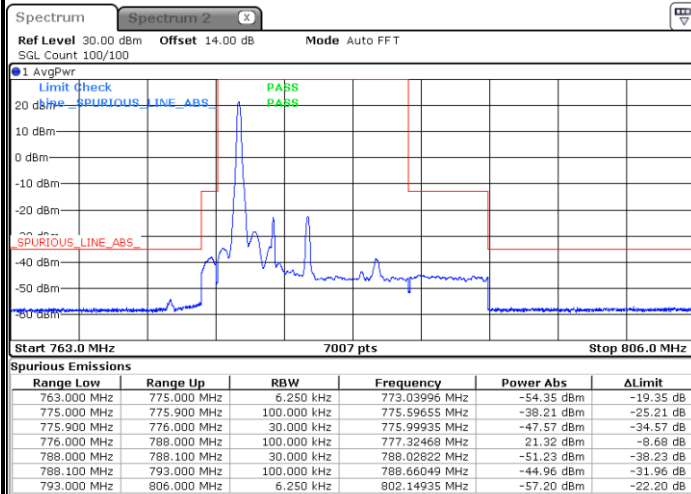




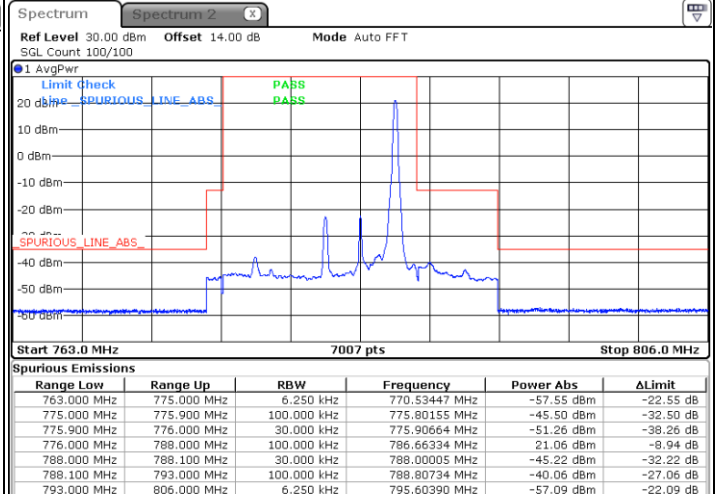
Conducted Band Edge

LTE Band 13 / 5MHz / QPSK

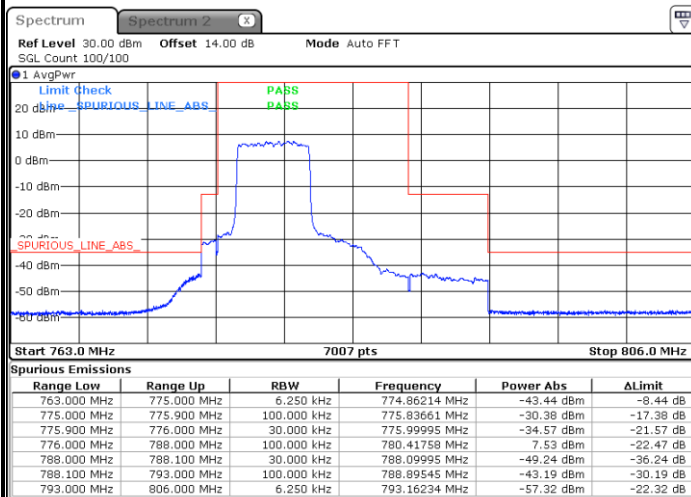
Lowest Band Edge / 1 RB



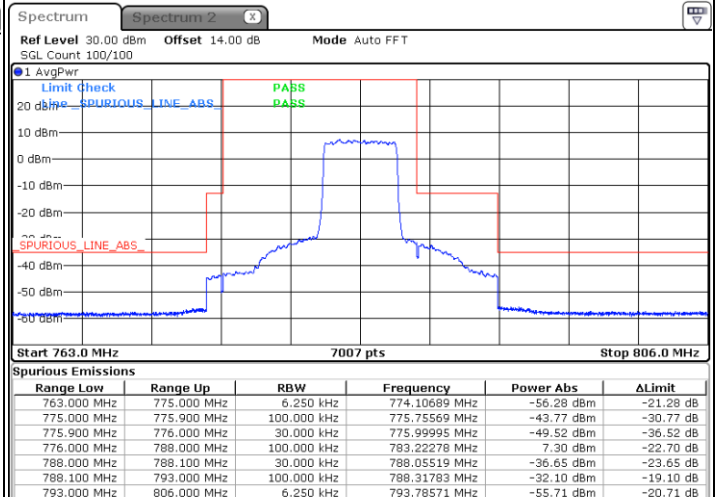
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



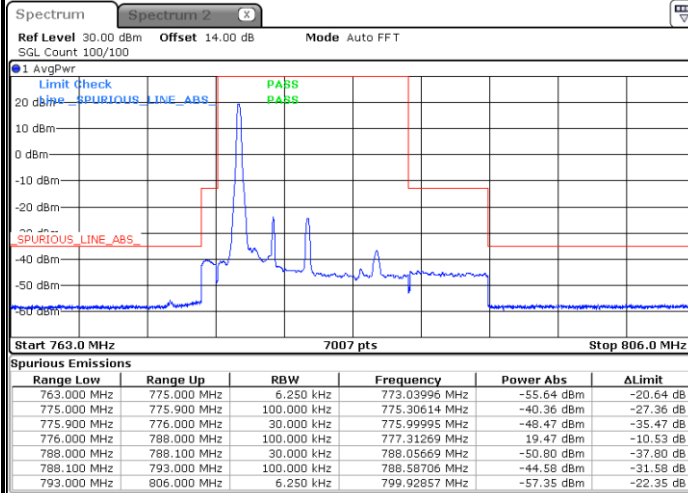
Highest Band Edge / Full RB



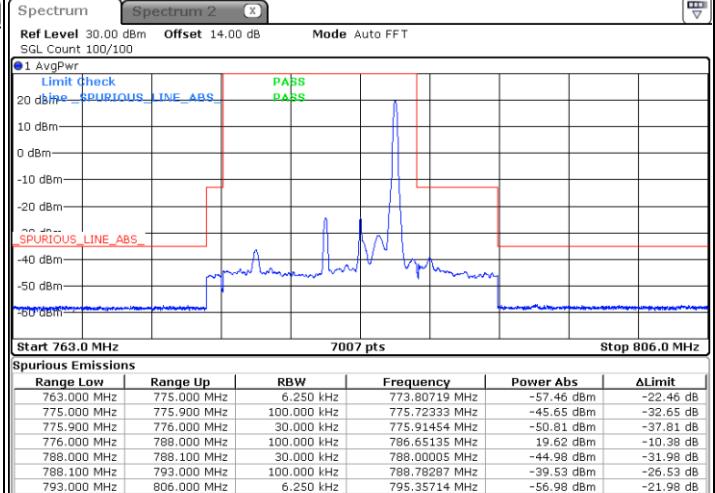


LTE Band 13 / 5MHz / 16QAM

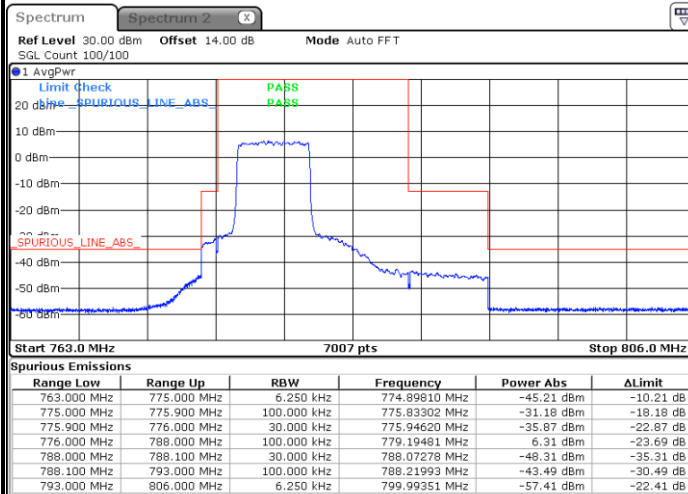
Lowest Band Edge / 1 RB



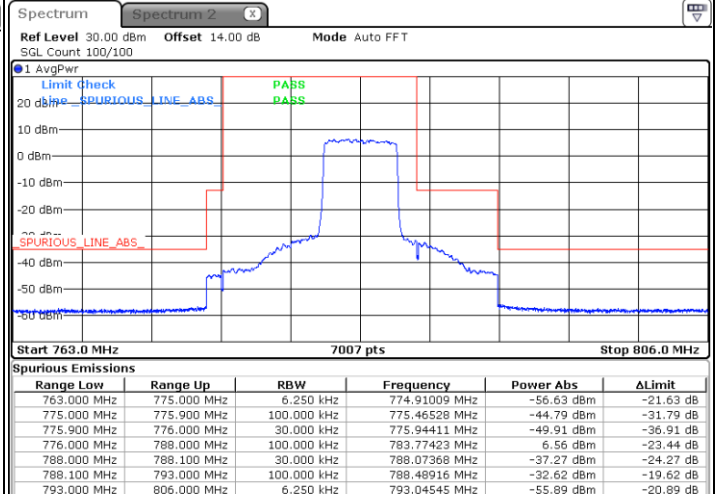
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



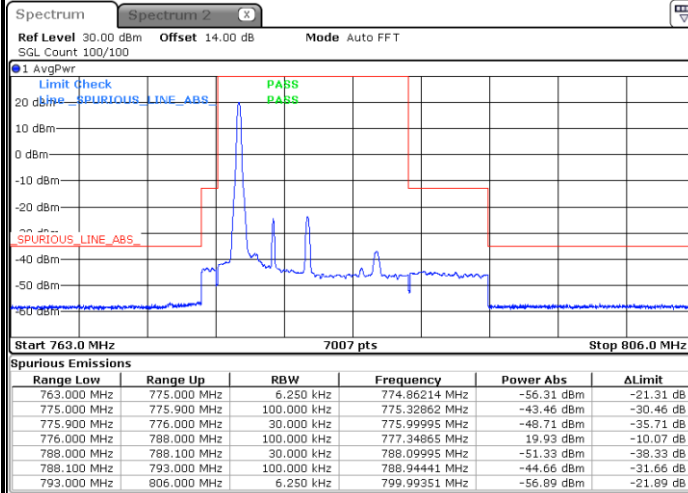
Highest Band Edge / Full RB





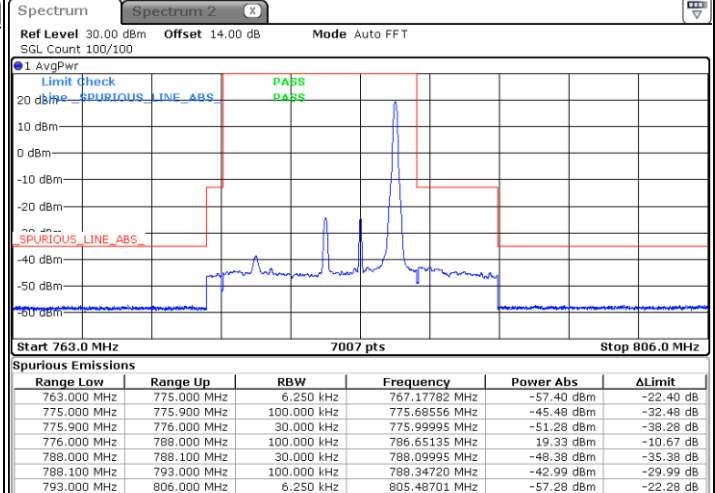
LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



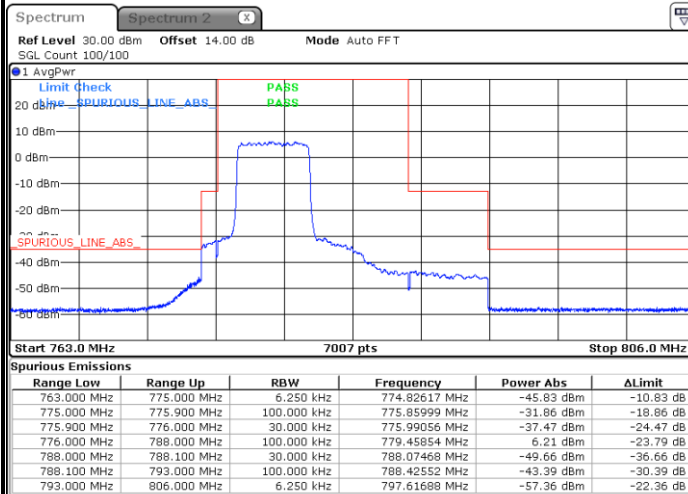
Date: 30.JUL.2025 01:46:37

Highest Band Edge / 1 RB



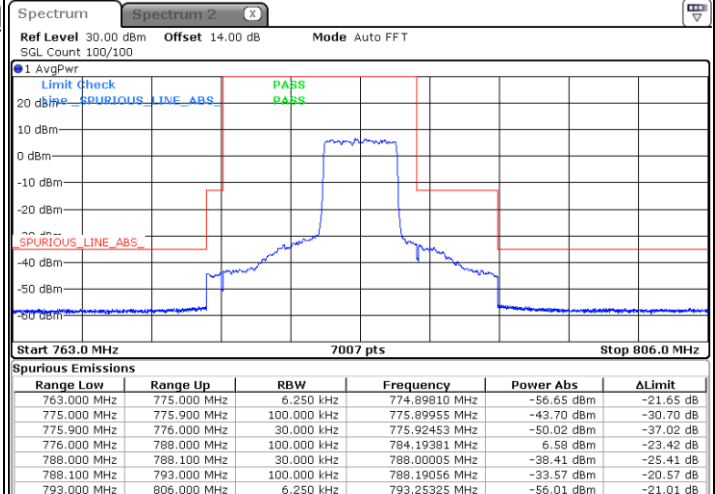
Date: 30.JUL.2025 01:55:41

Lowest Band Edge / Full RB



Date: 30.JUL.2025 01:49:10

Highest Band Edge / Full RB

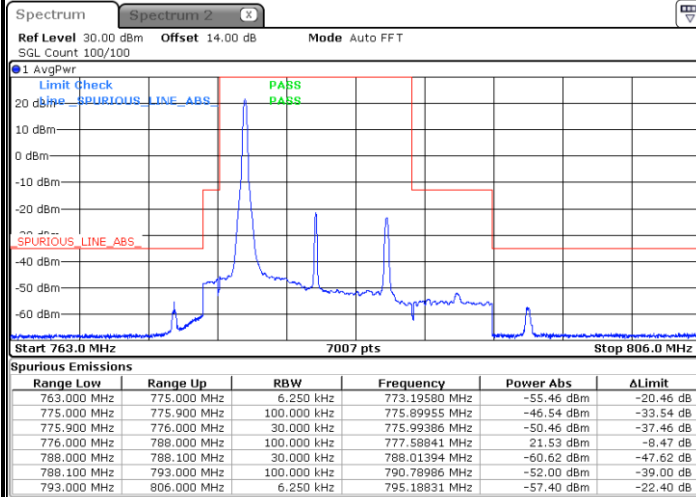


Date: 30.JUL.2025 01:58:14



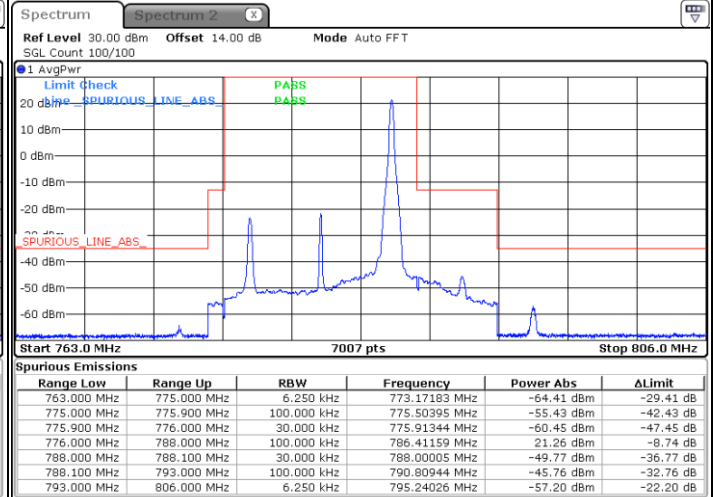
LTE Band 13 / 10MHz / QPSK

Band Edge / 1 RB



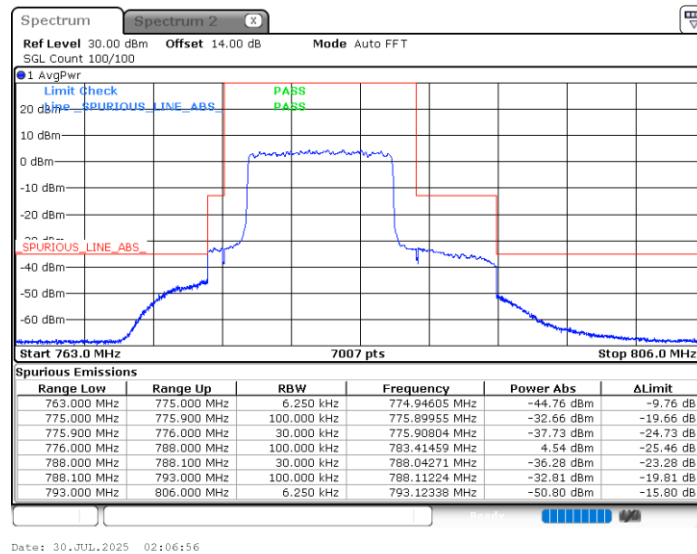
LTE Band 13 / 10MHz / QPSK

Band Edge / 1 RB



LTE Band 13 / 10MHz / QPSK

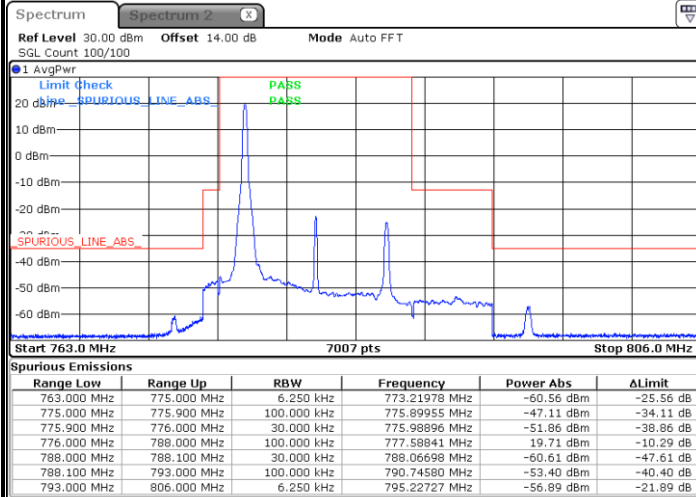
Band Edge / Full RB





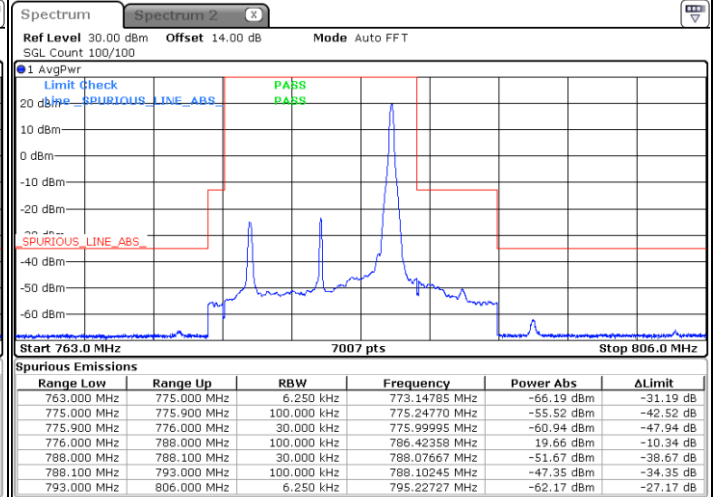
LTE Band 13 / 10MHz / 16QAM

Band Edge / 1 RB



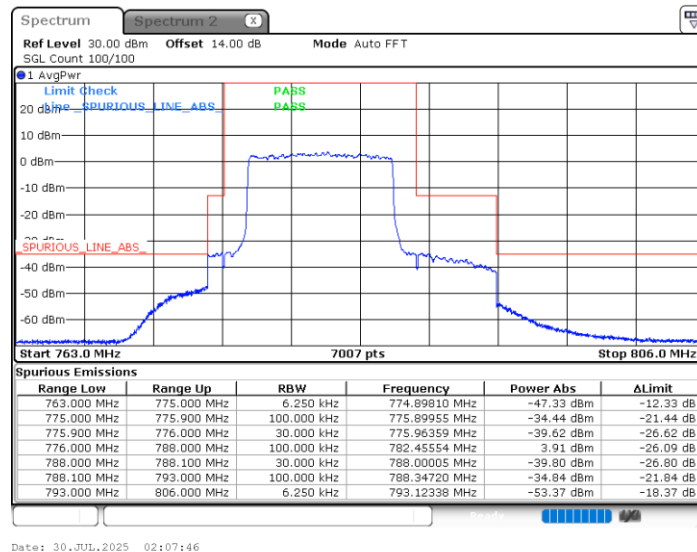
LTE Band 13 / 10MHz / 16QAM

Band Edge / 1 RB



LTE Band 13 / 10MHz / 16QAM

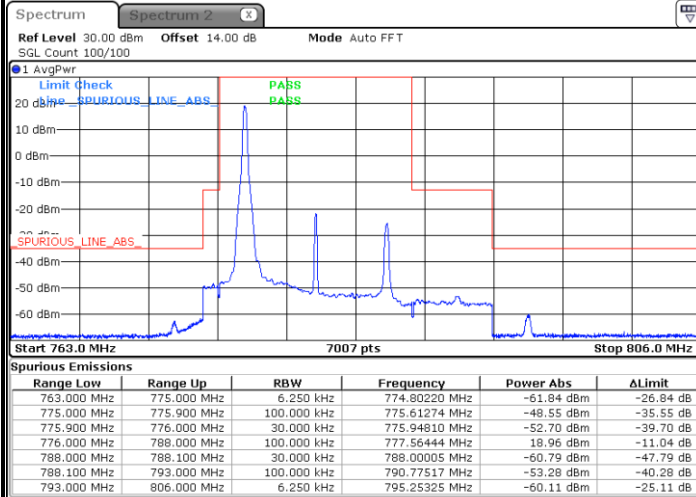
Band Edge / Full RB





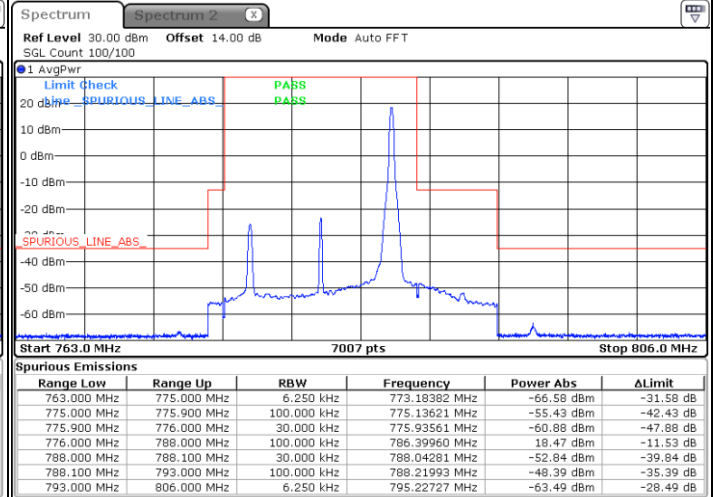
LTE Band 13 / 10MHz / 64QAM

Band Edge / 1 RB



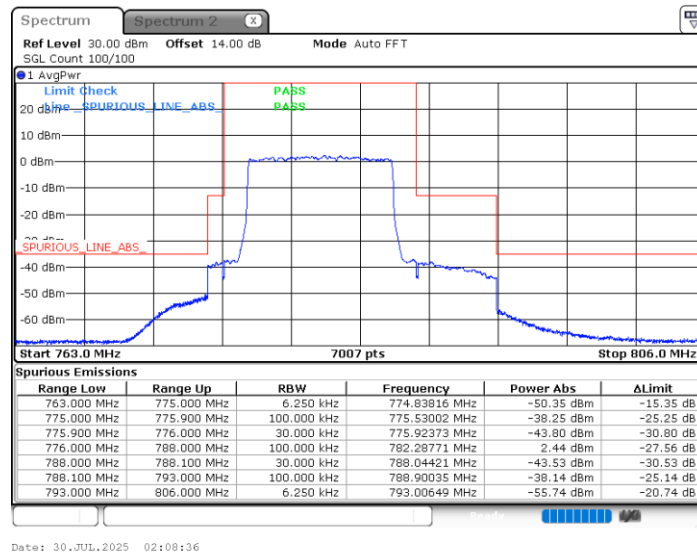
LTE Band 13 / 10MHz / 64QAM

Band Edge / 1 RB



LTE Band 13 / 10MHz / 64QAM

Band Edge / Full RB

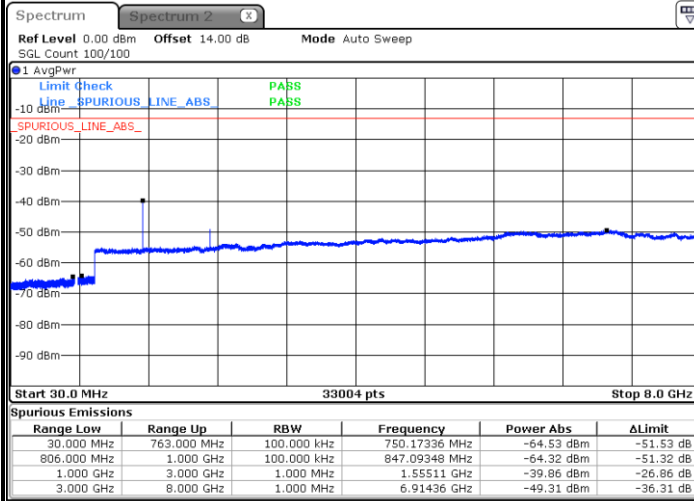




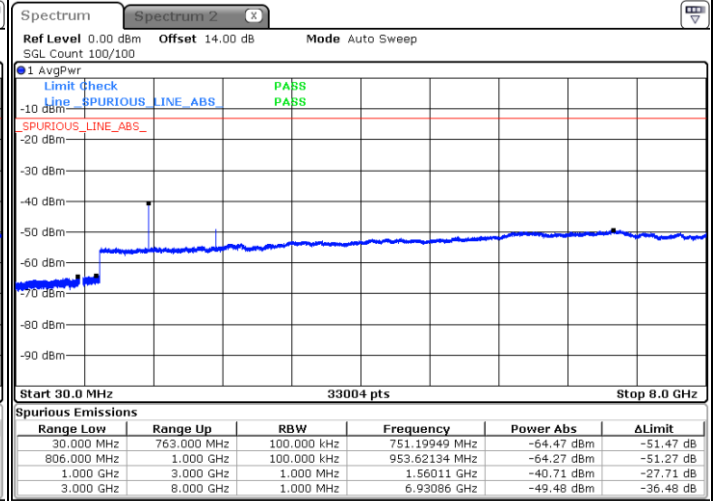
Conducted Spurious Emission

LTE Band 13 / 5MHz

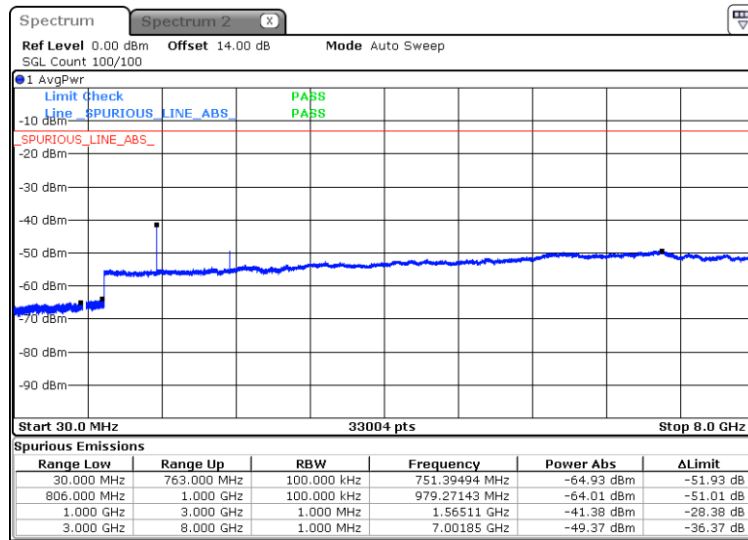
Lowest Channel / QPSK



Middle Channel / QPSK



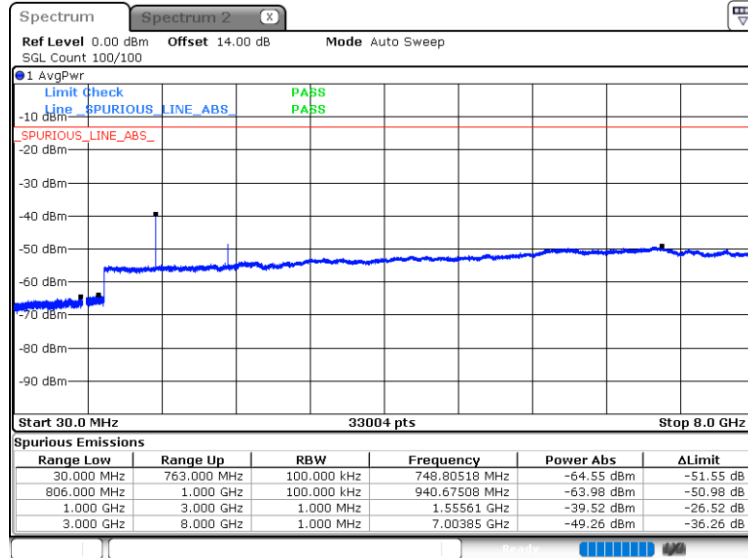
Highest Channel / QPSK





LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 30.JUL.2025 02:09:36

Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0024	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0087	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

Note:

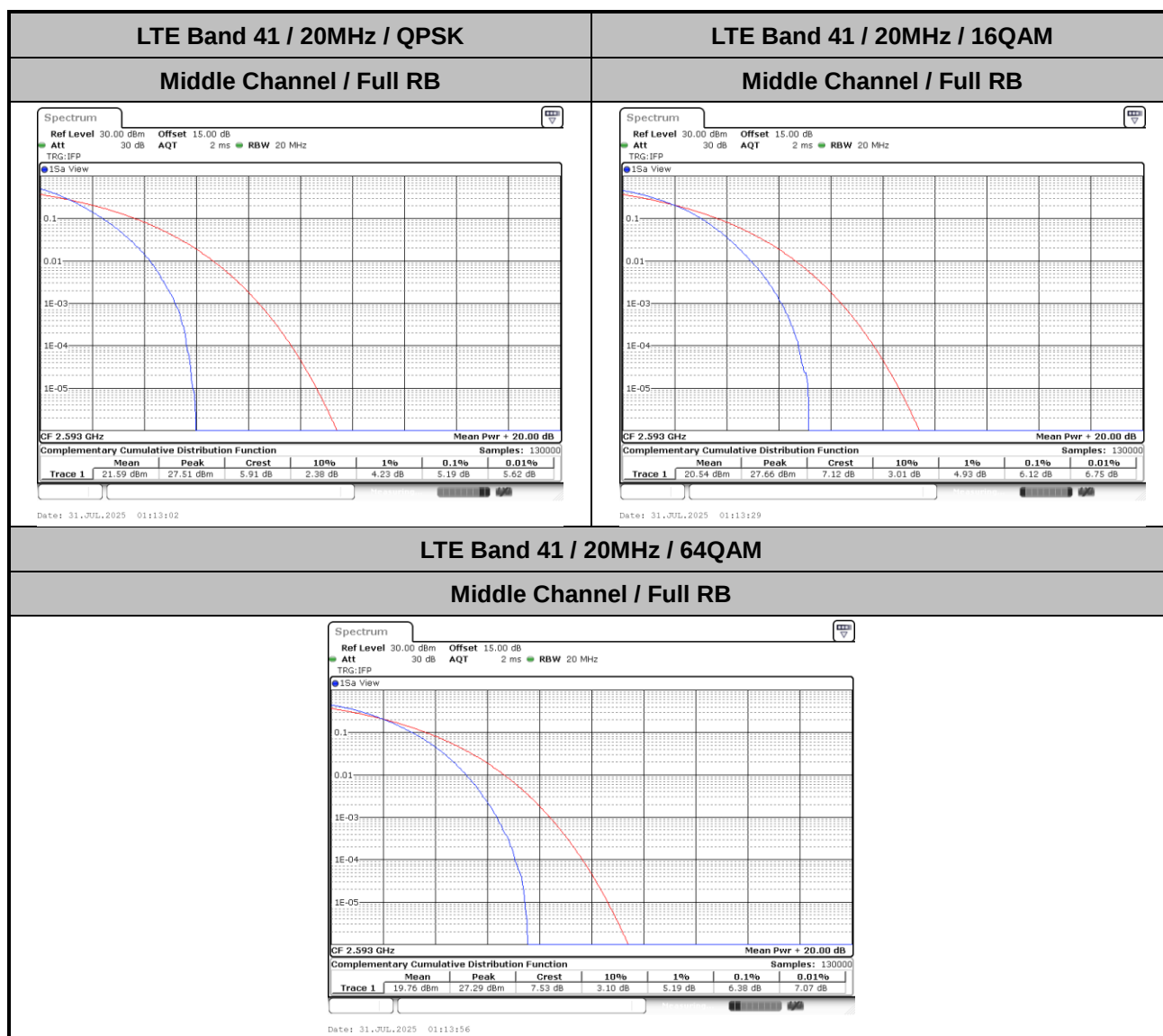
1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.7 V. ; Maximum Voltage =4.3 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41

Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.19	6.12	6.38	PASS



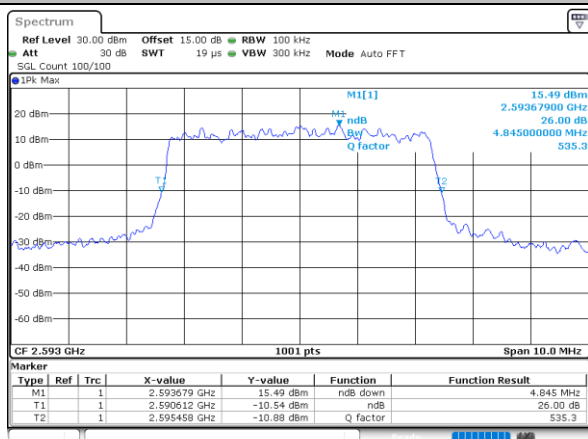


26dB Bandwidth

Mode	LTE Band 41 : 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	-	-	-	-	4.85	4.80	9.61	9.63	14.42	14.24	18.82	19.06

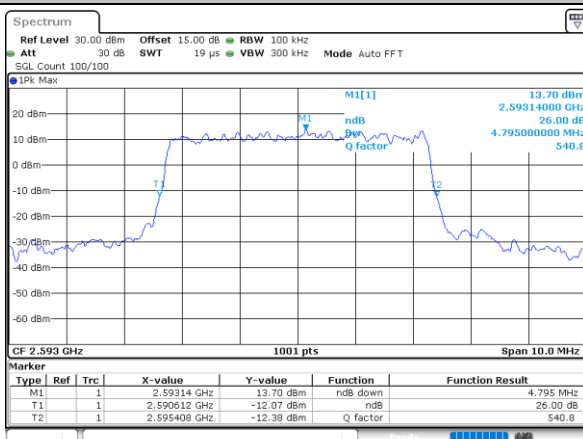
LTE Band 41

Middle Channel / 5MHz / QPSK



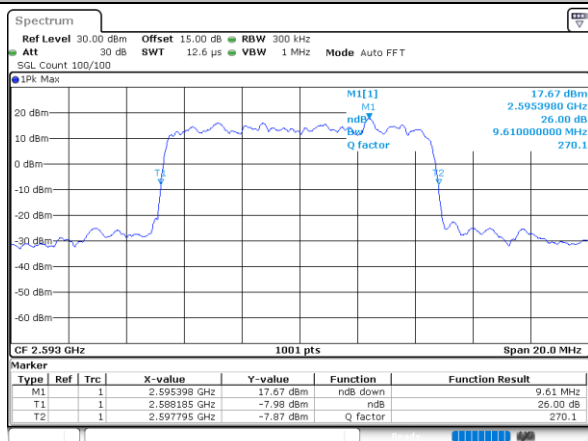
Date: 31.JUL.2025 00:25:11

Middle Channel / 5MHz / 16QAM



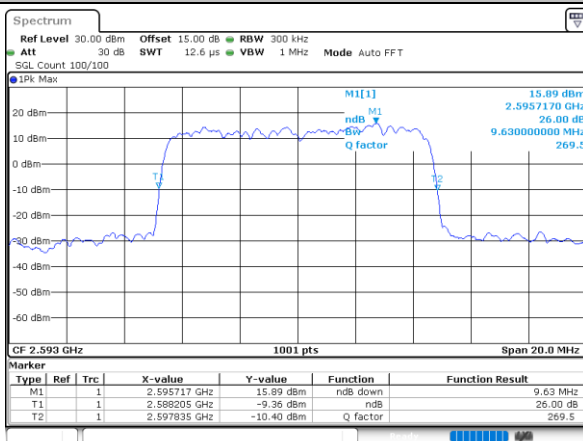
Date: 31.JUL.2025 00:25:51

Middle Channel / 10MHz / QPSK



Date: 31.JUL.2025 00:42:13

Middle Channel / 10MHz / 16QAM

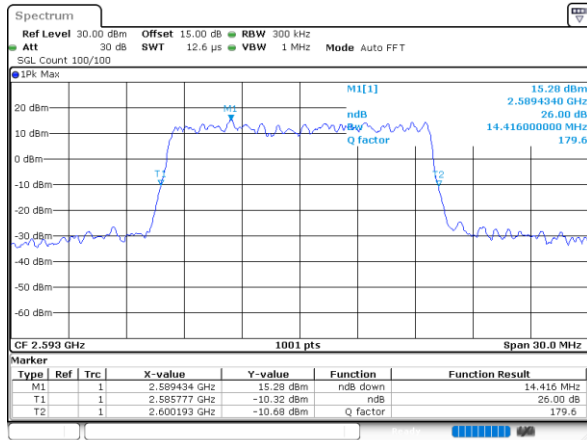


Date: 31.JUL.2025 00:42:53

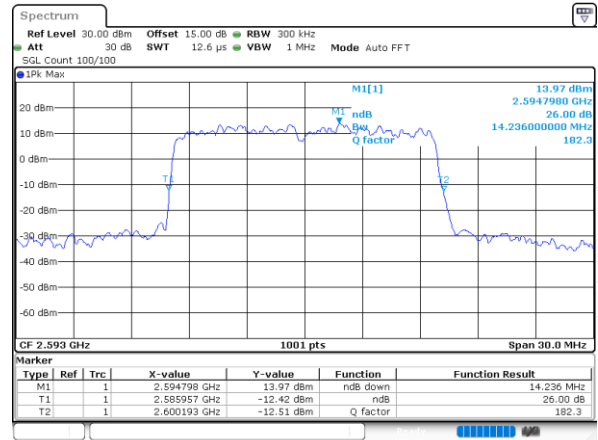


LTE Band 41

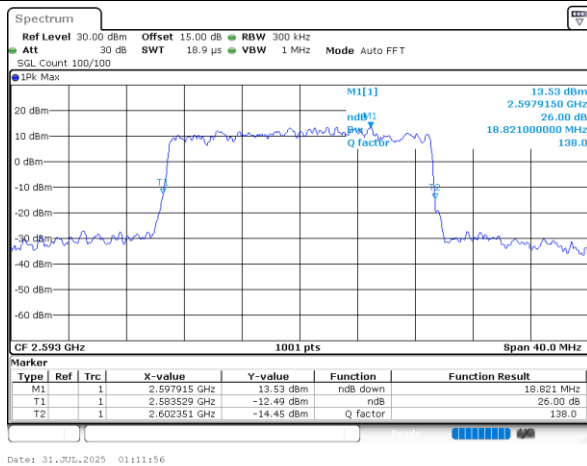
Middle Channel / 15MHz / QPSK



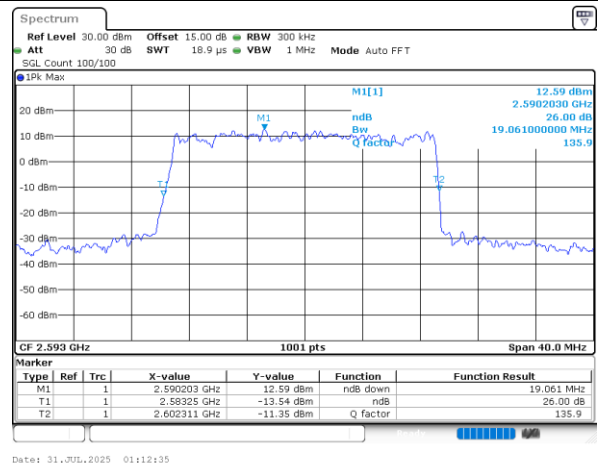
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



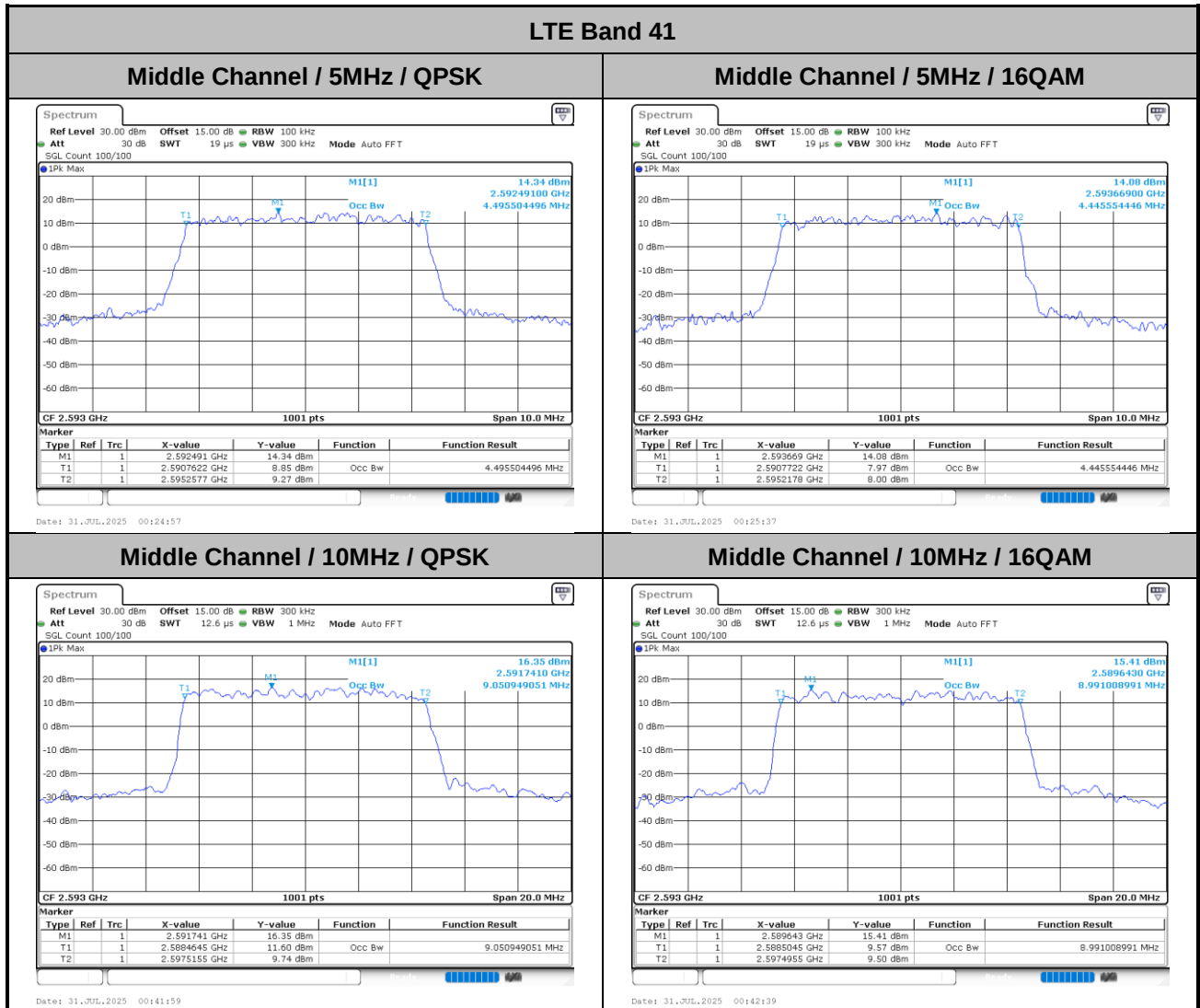
Middle Channel / 20MHz / 16QAM





Occupied Bandwidth

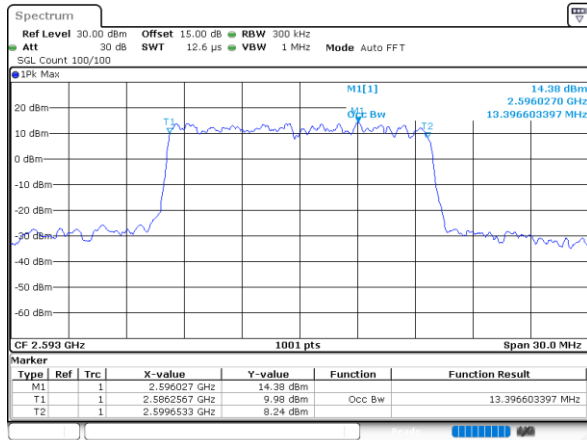
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.50	4.45	9.05	8.99	13.40	13.40	17.86	17.82



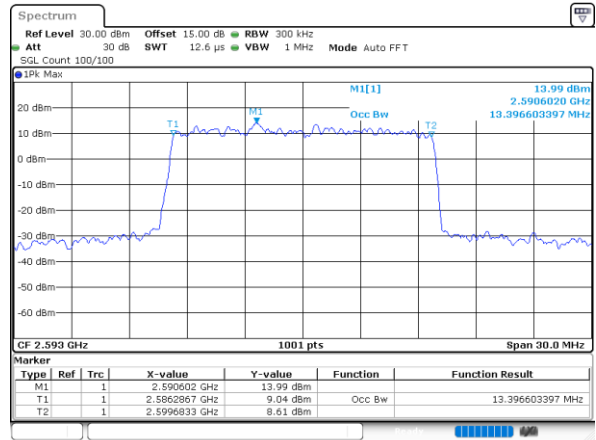


LTE Band 41

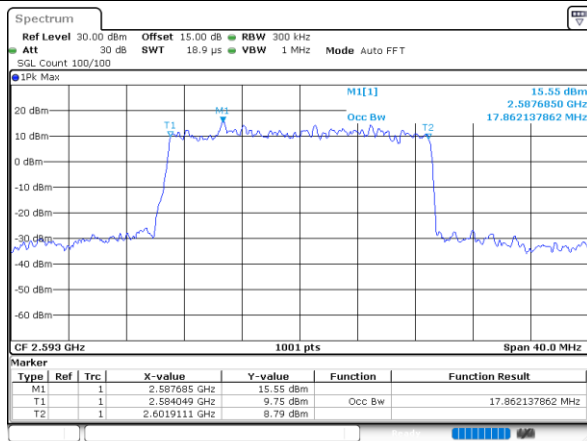
Middle Channel / 15MHz / QPSK



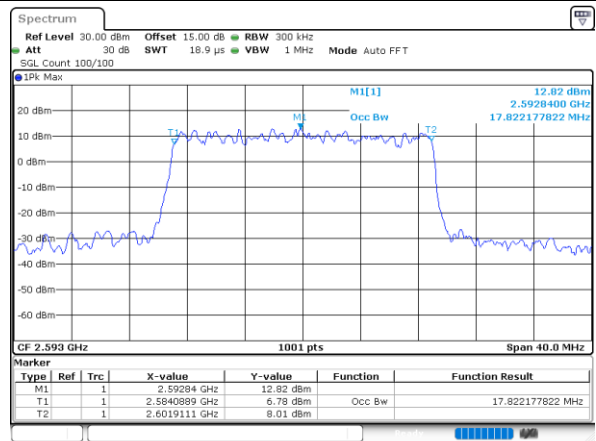
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

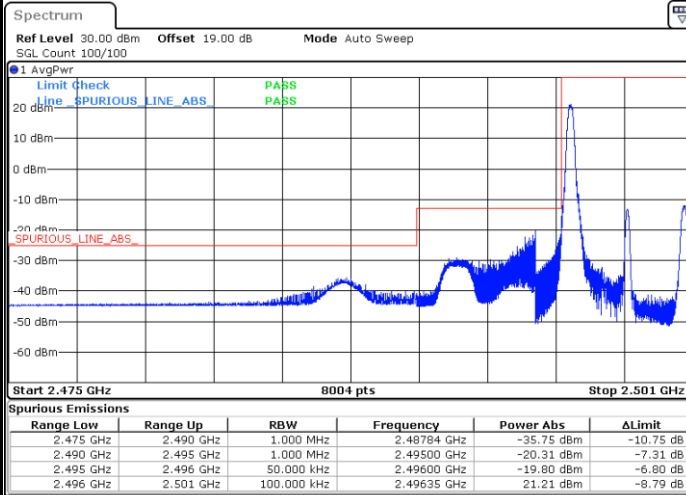




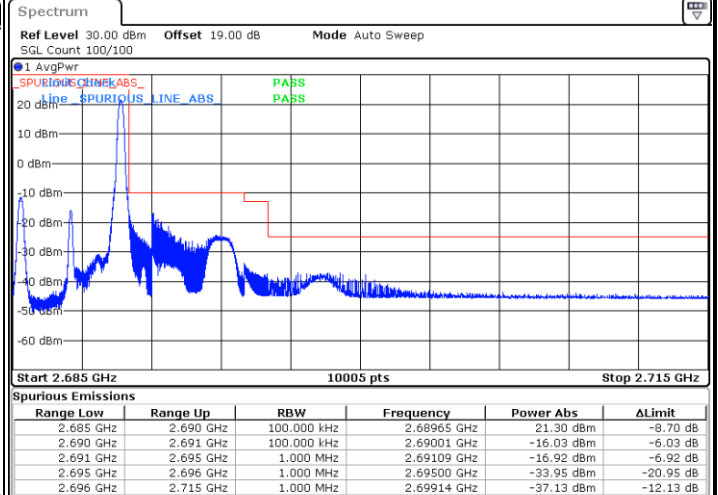
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

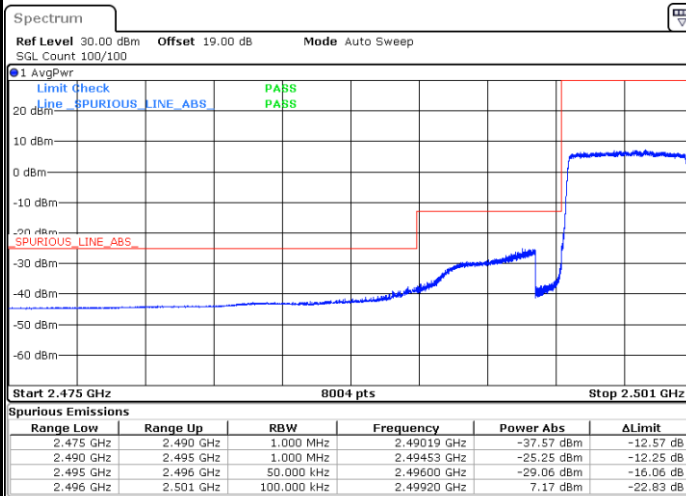
Lowest Band Edge / 1 RB



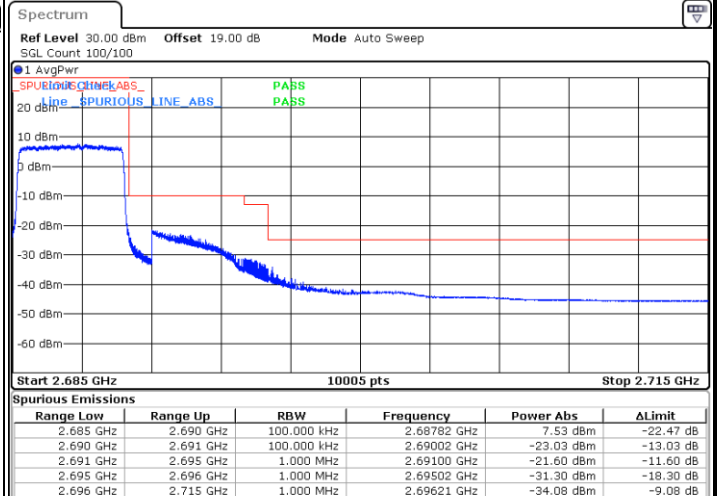
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



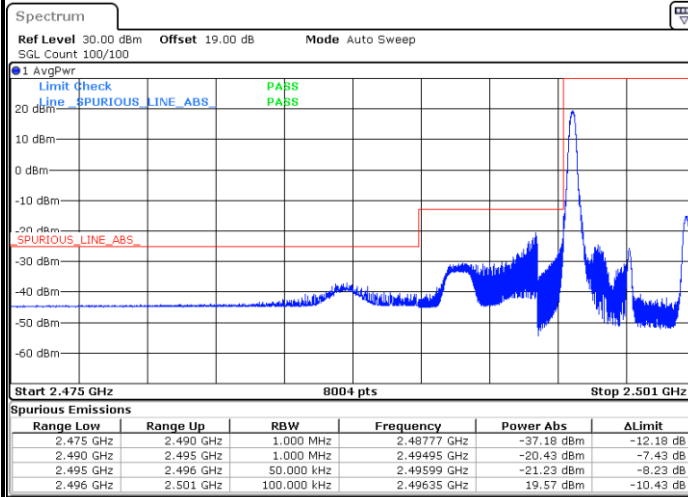
Highest Band Edge / Full RB





LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



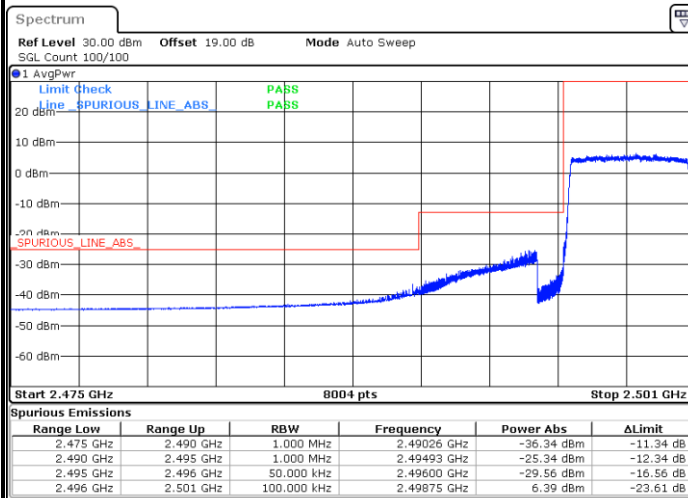
Date: 31.JUL.2025 00:18:48

Highest Band Edge / 1 RB



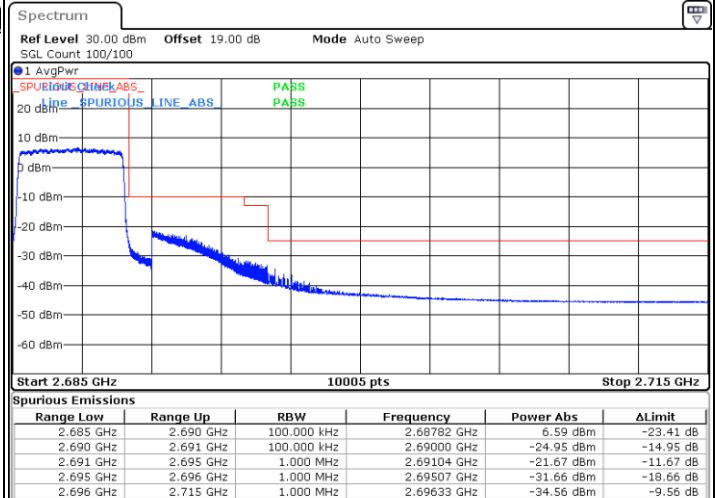
Date: 31.JUL.2025 08:51:31

Lowest Band Edge / Full RB



Date: 31.JUL.2025 00:21:28

Highest Band Edge / Full RB

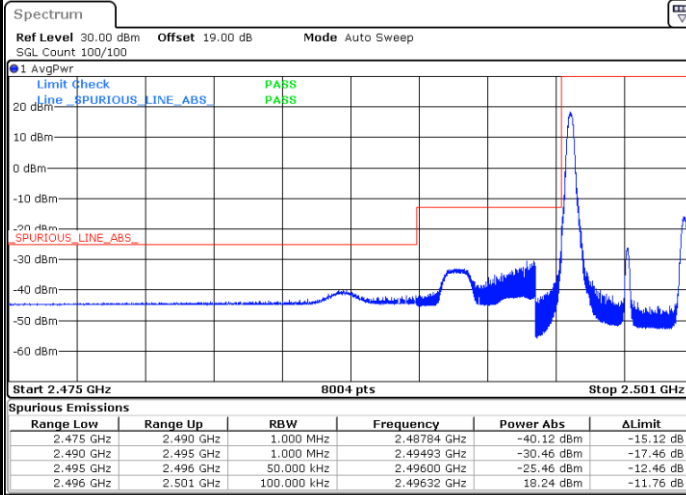


Date: 31.JUL.2025 08:54:49



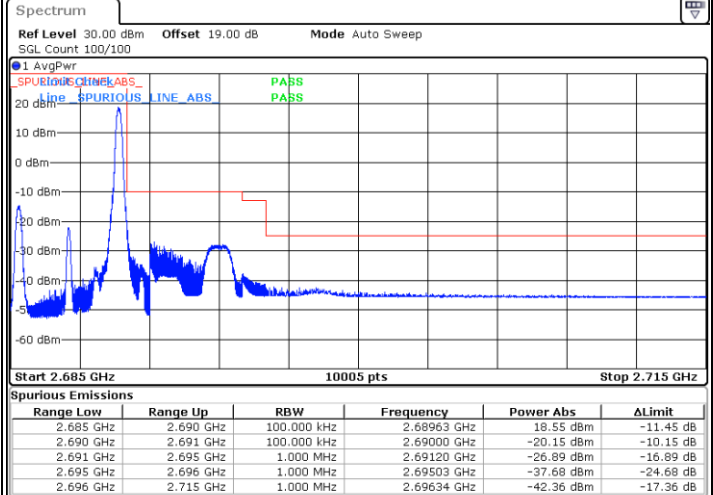
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



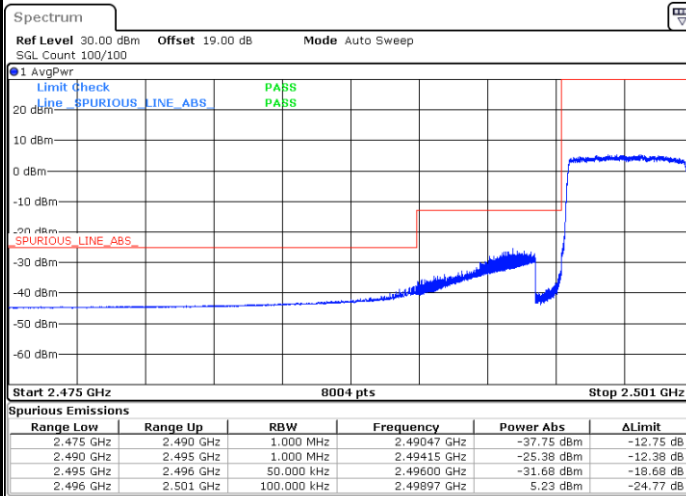
Date: 31.JUL.2025 00:19:41

Highest Band Edge / 1 RB



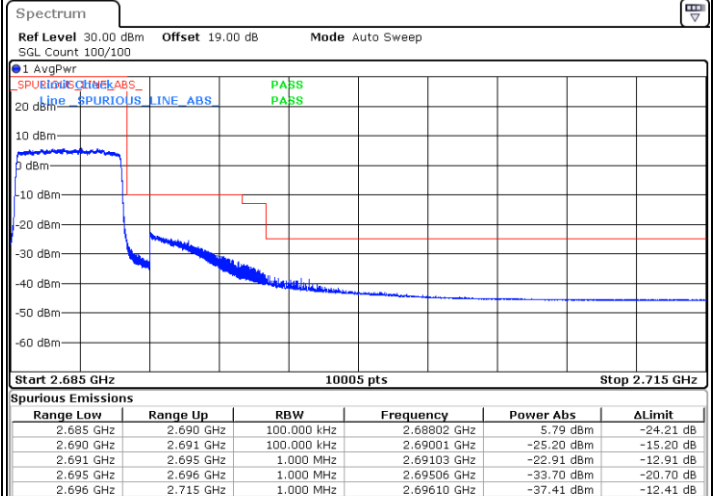
Date: 31.JUL.2025 08:52:37

Lowest Band Edge / Full RB



Date: 31.JUL.2025 00:20:36

Highest Band Edge / Full RB

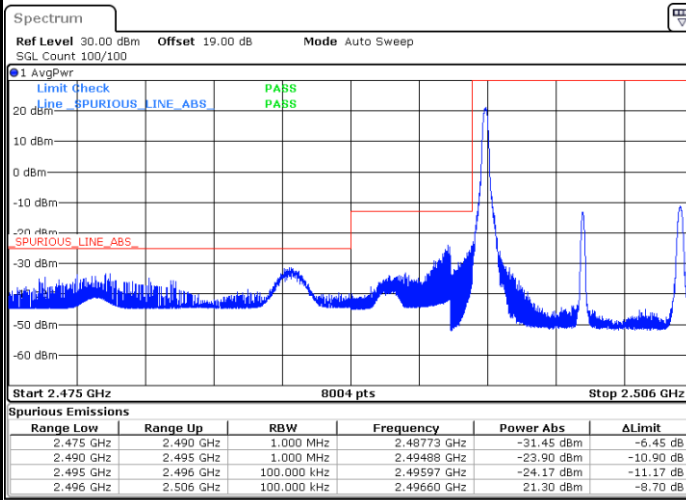


Date: 31.JUL.2025 08:53:43

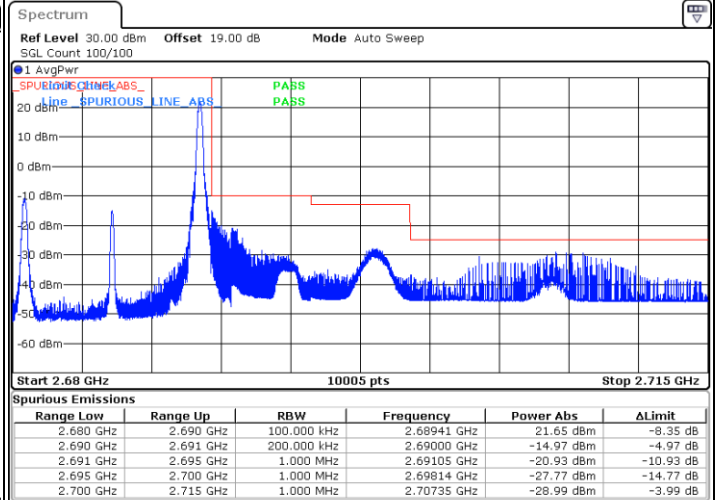


LTE Band 41 / 10MHz / QPSK

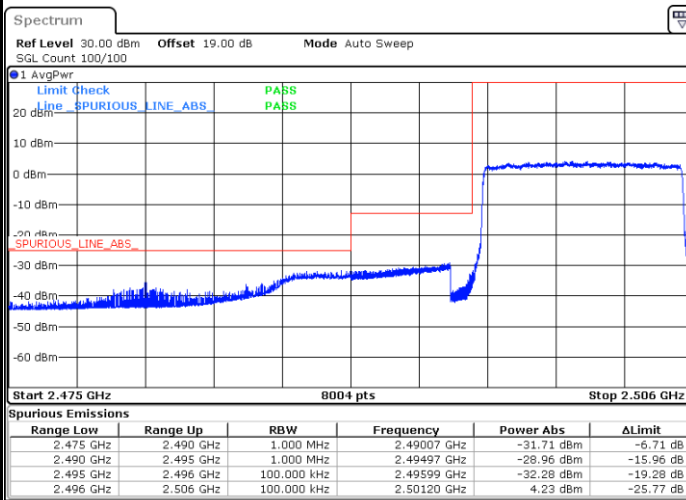
Lowest Band Edge / 1 RB



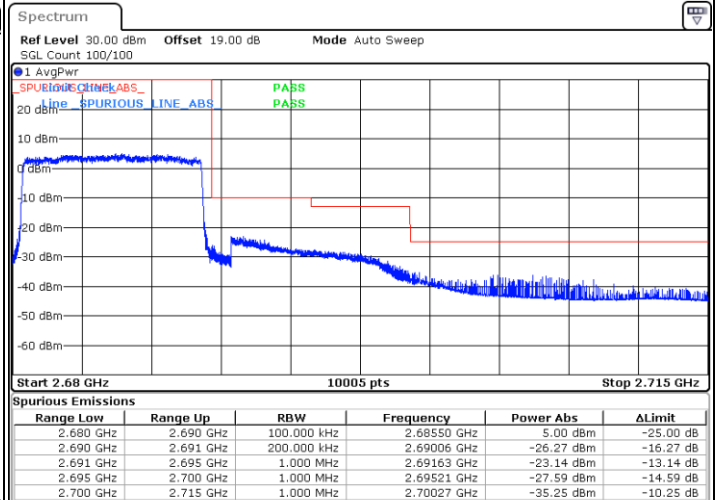
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



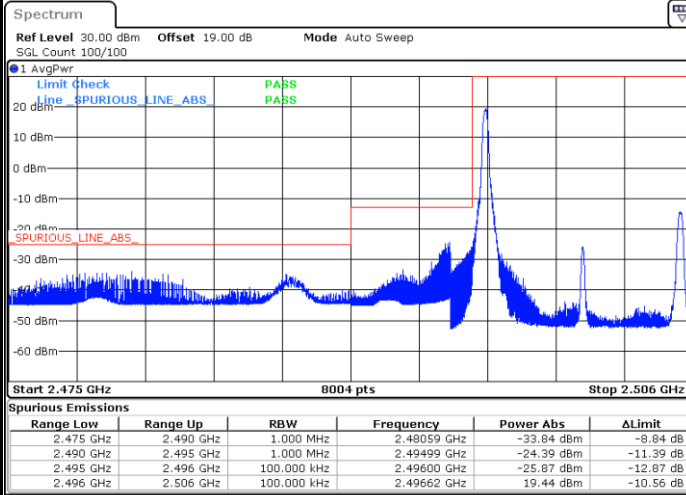
Highest Band Edge / Full RB



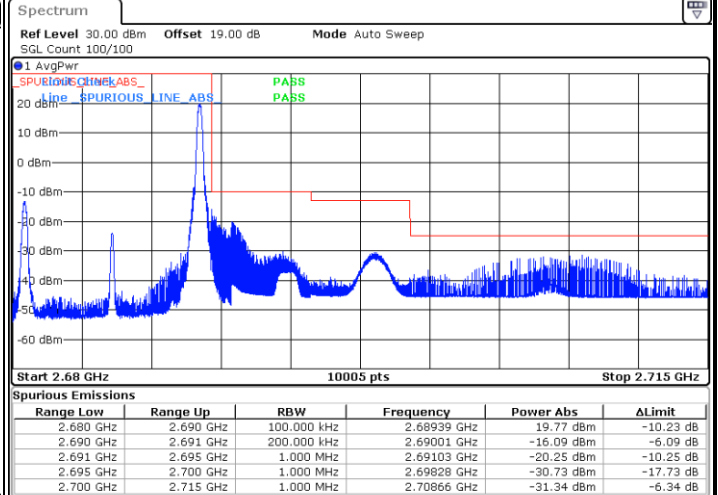


LTE Band 41 / 10MHz / 16QAM

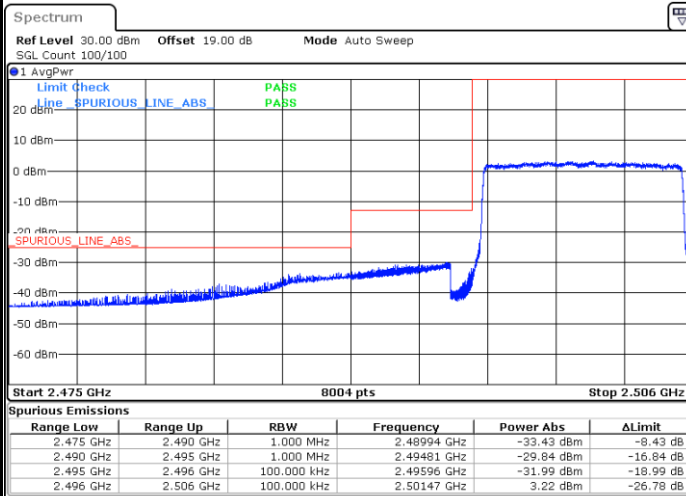
Lowest Band Edge / 1RB



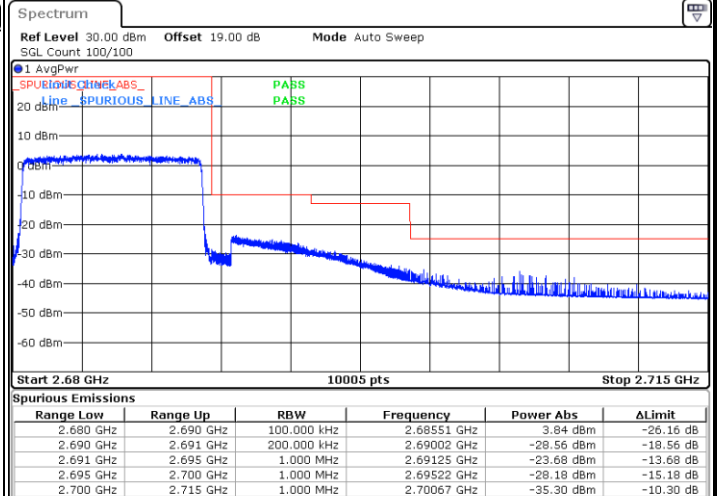
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



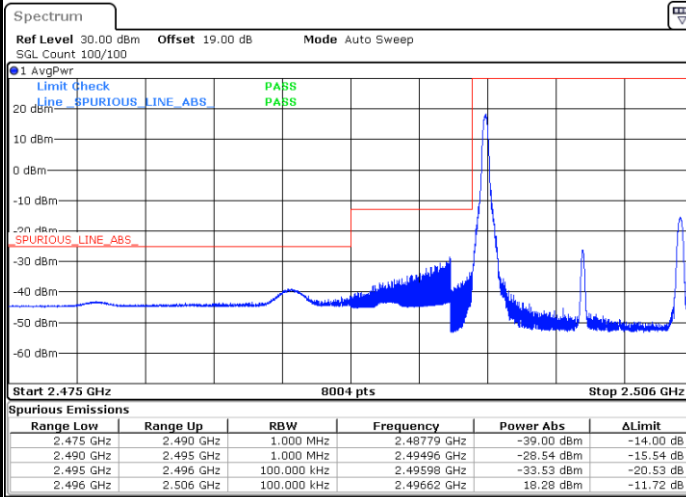
Highest Band Edge / Full RB





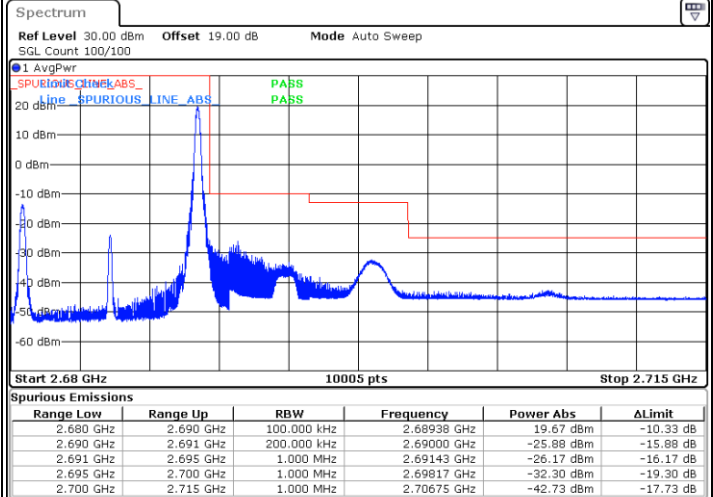
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1RB



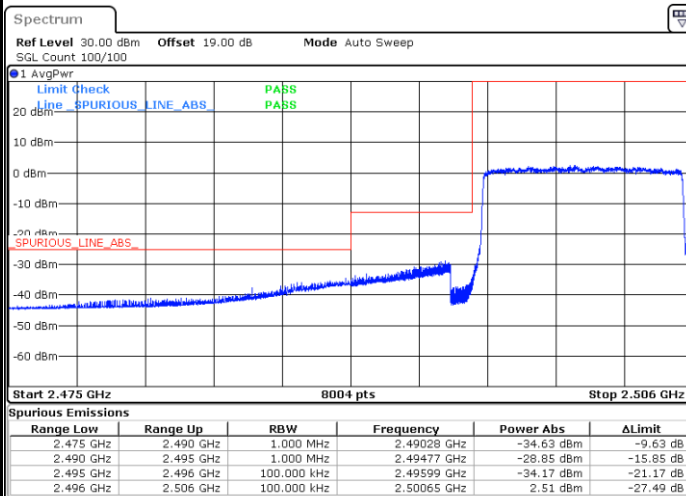
Date: 31.JUL.2025 00:36:55

Highest Band Edge / 1 RB



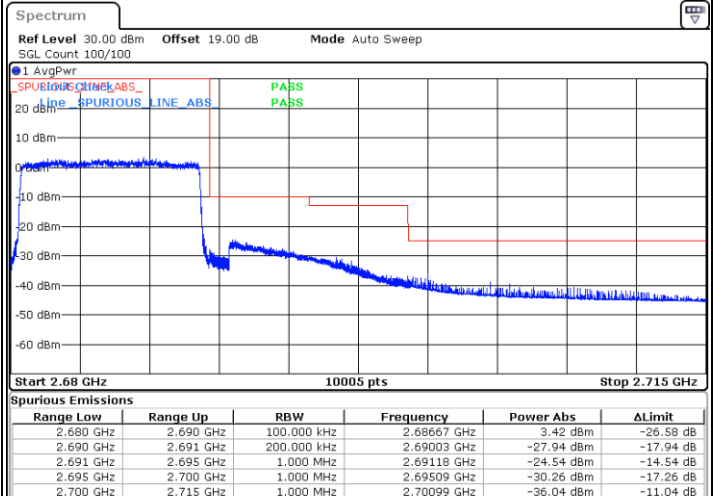
Date: 31.JUL.2025 00:45:01

Lowest Band Edge / Full RB



Date: 31.JUL.2025 00:37:44

Highest Band Edge / Full RB

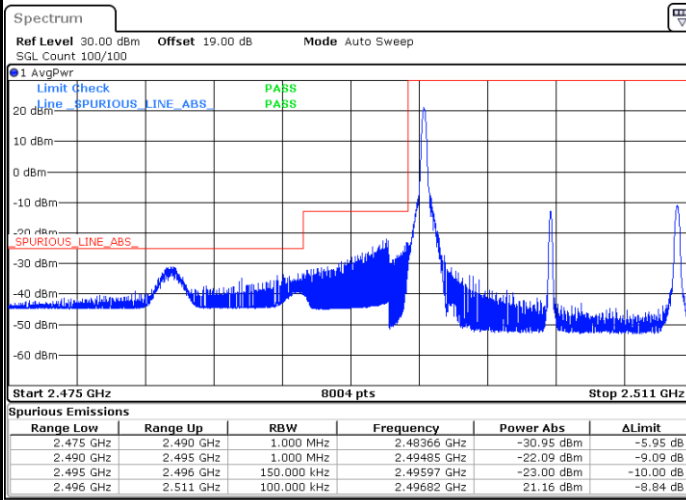


Date: 31.JUL.2025 00:45:45

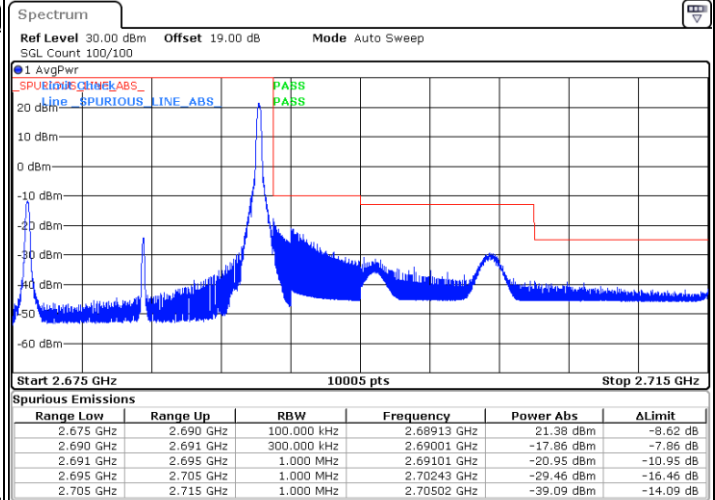


LTE Band 41 / 15MHz / QPSK

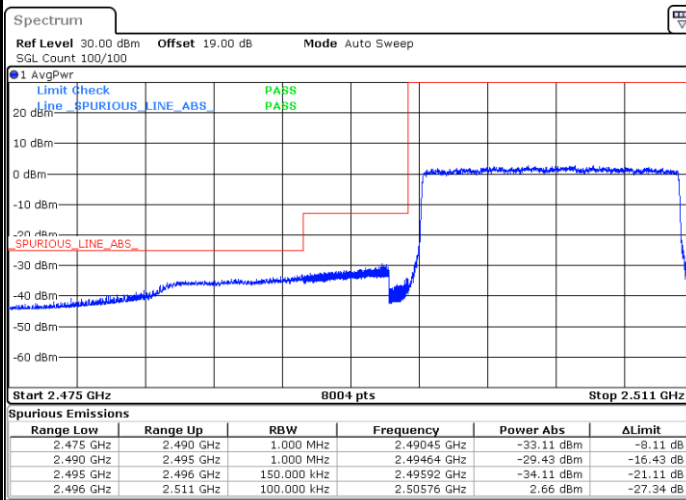
Lowest Band Edge / 1 RB



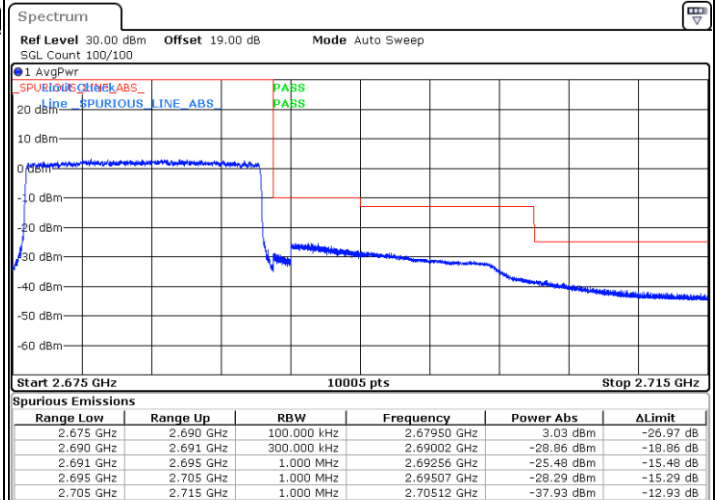
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



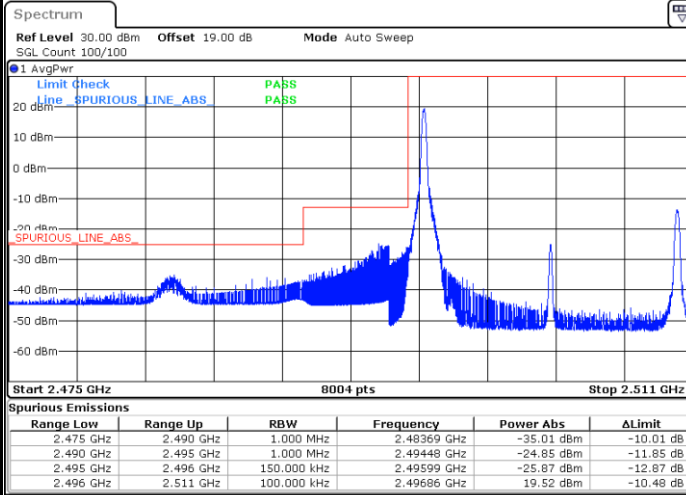
Highest Band Edge / Full RB





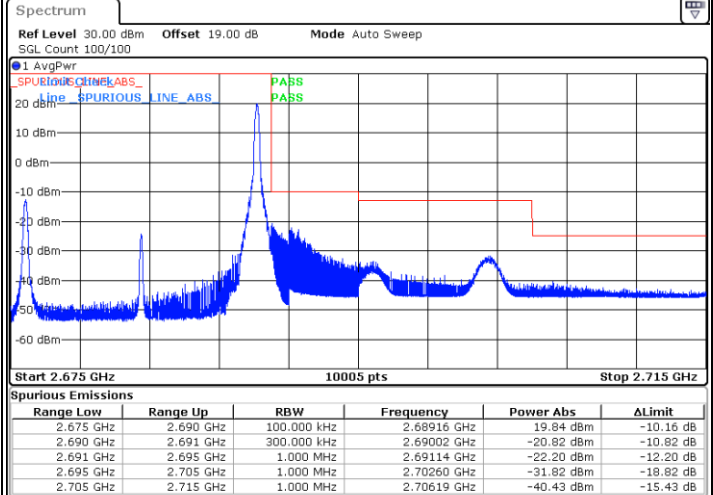
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1RB



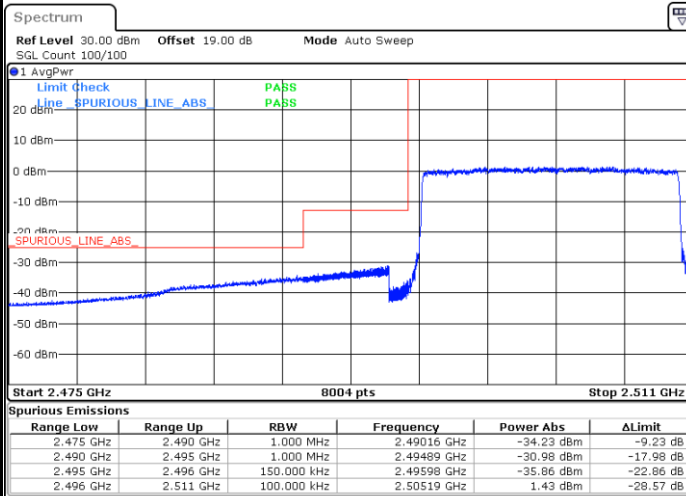
Date: 31.JUL.2025 00:50:29

Highest Band Edge / 1 RB



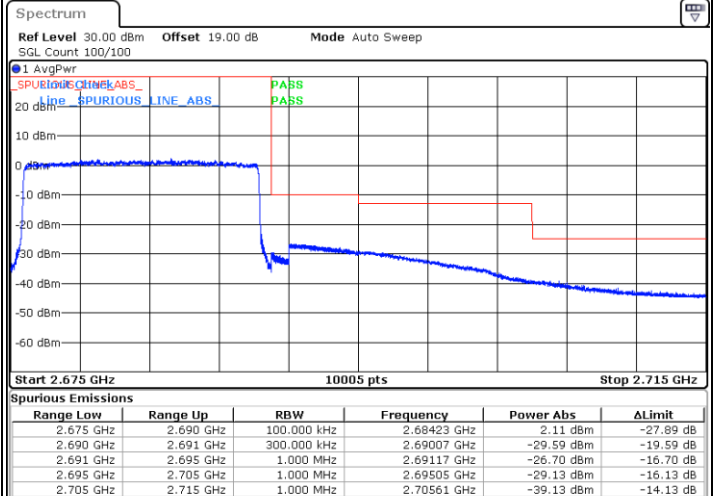
Date: 31.JUL.2025 09:42:52

Lowest Band Edge / Full RB



Date: 31.JUL.2025 00:52:43

Highest Band Edge / Full RB

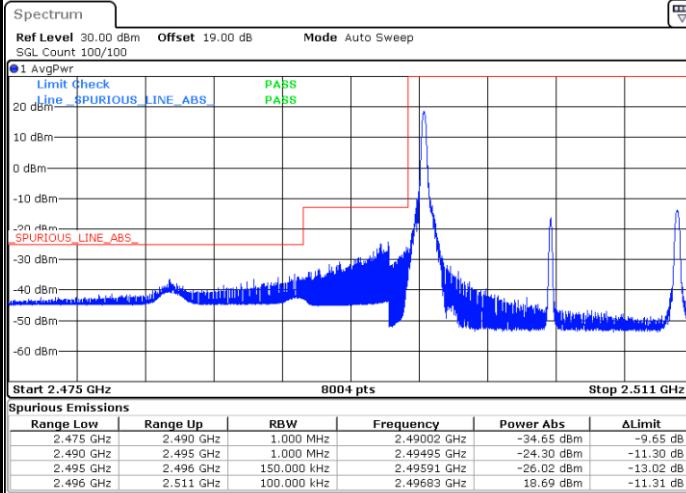


Date: 31.JUL.2025 09:47:10



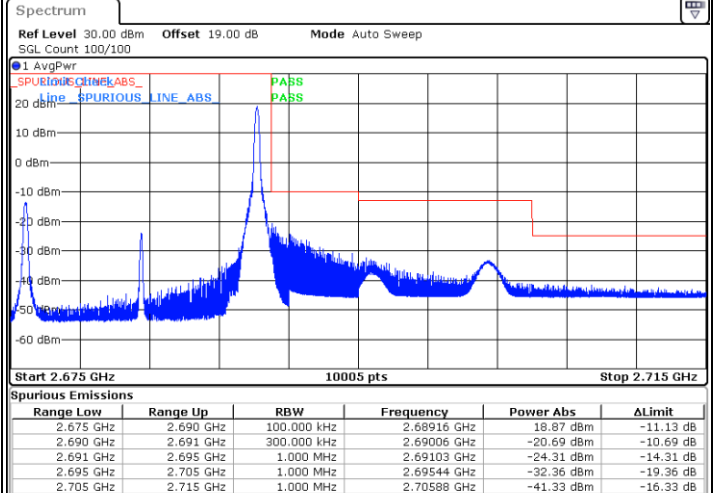
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1RB



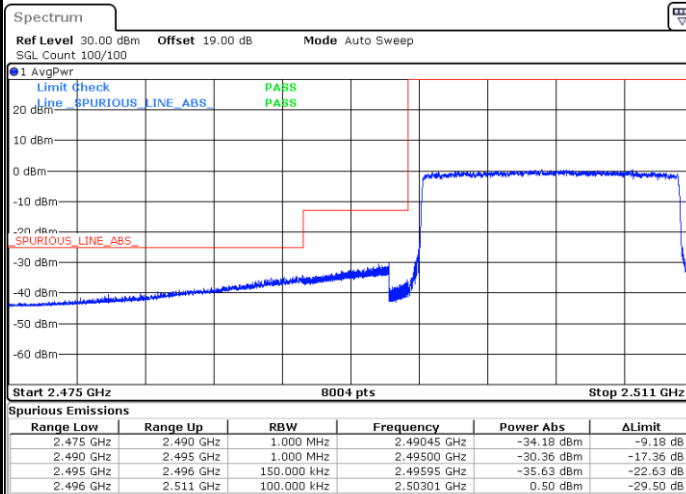
Date: 31.JUL.2025 00:51:14

Highest Band Edge / 1 RB



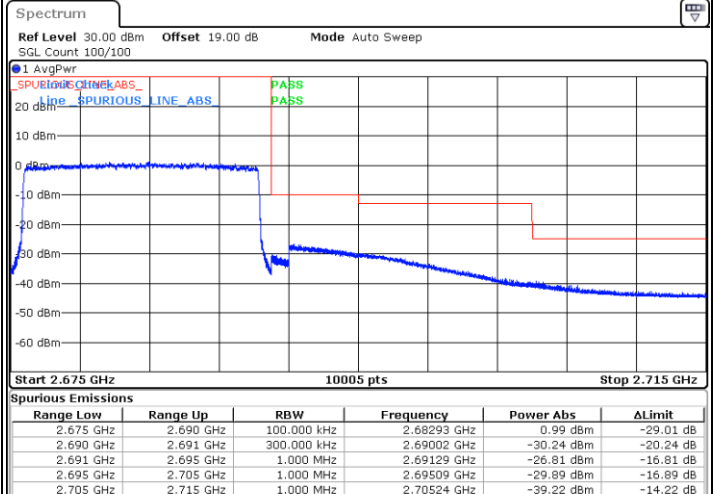
Date: 31.JUL.2025 09:44:18

Lowest Band Edge / Full RB



Date: 31.JUL.2025 00:51:59

Highest Band Edge / Full RB

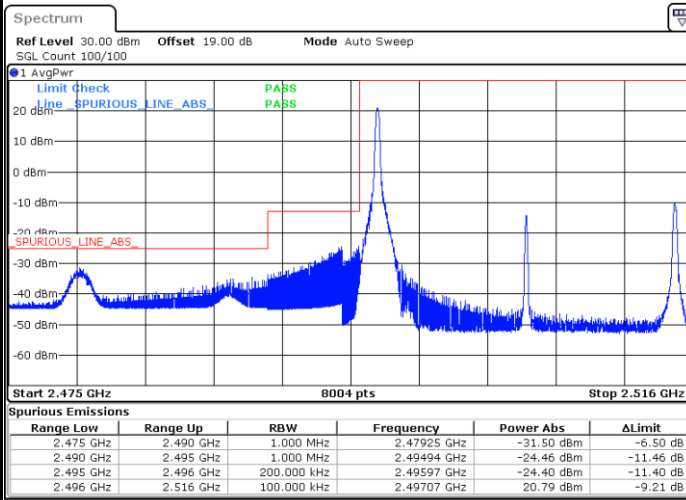


Date: 31.JUL.2025 09:45:44

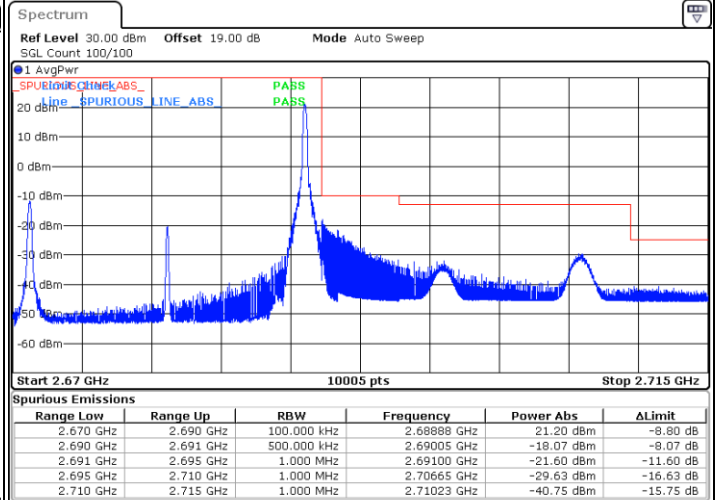


LTE Band 41 / 20MHz / QPSK

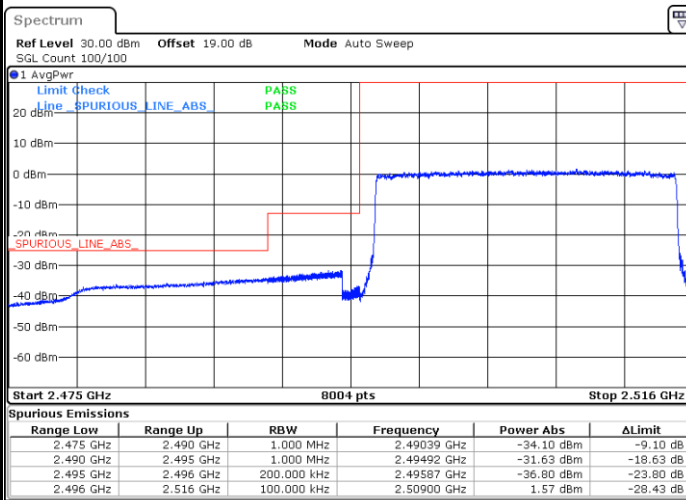
Lowest Band Edge / 1 RB



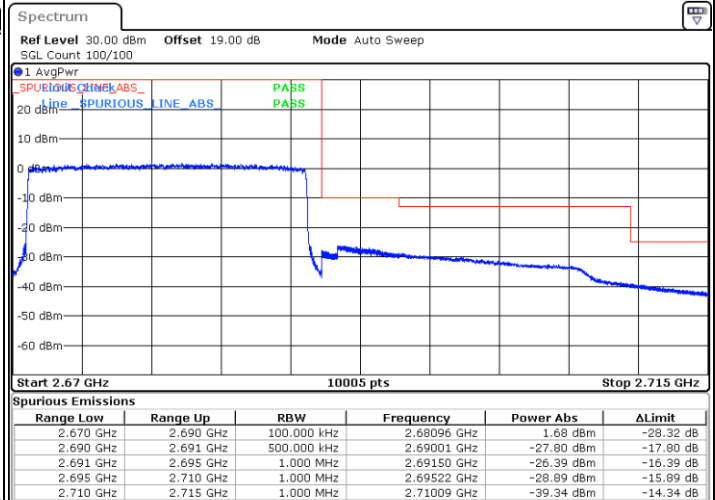
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



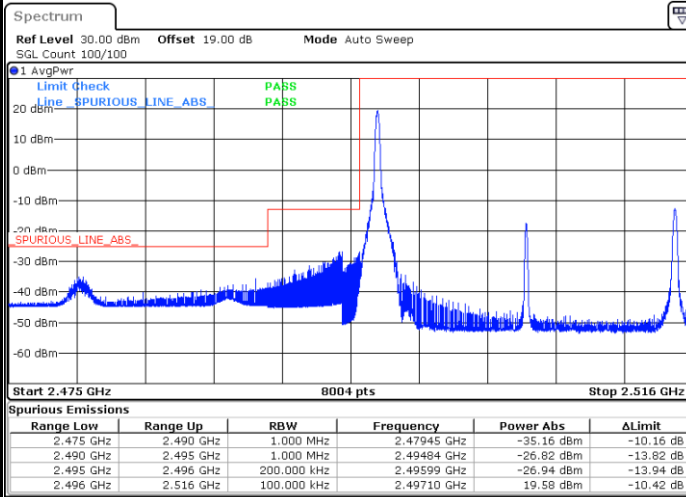
Highest Band Edge / Full RB





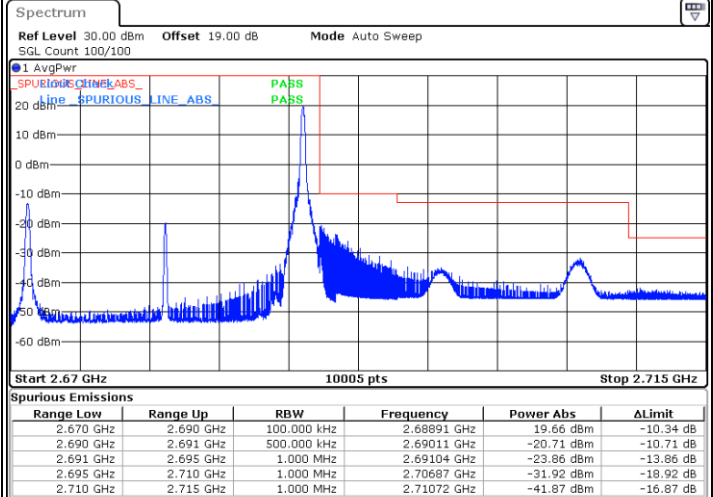
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1RB



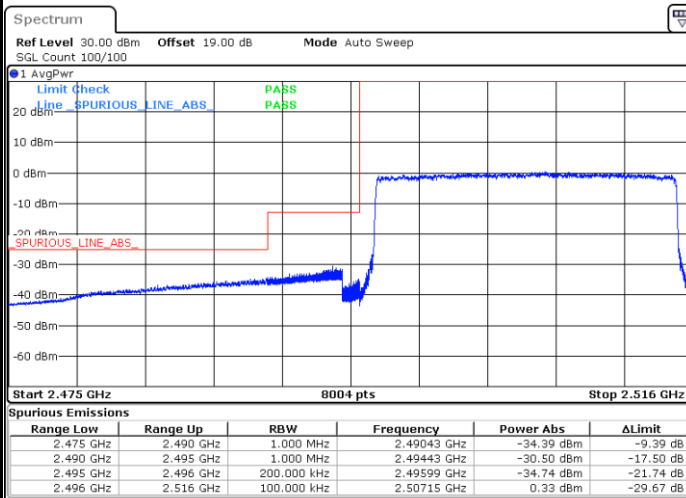
Date: 31.JUL.2025 01:05:50

Highest Band Edge / 1 RB



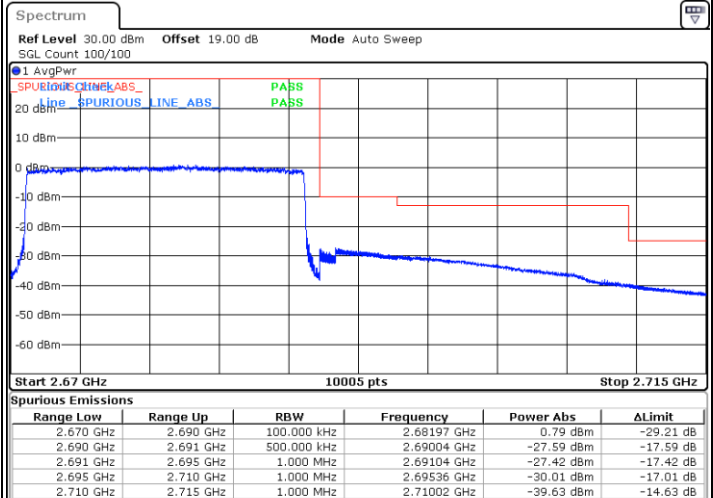
Date: 31.JUL.2025 09:52:12

Lowest Band Edge / Full RB



Date: 31.JUL.2025 01:08:16

Highest Band Edge / Full RB

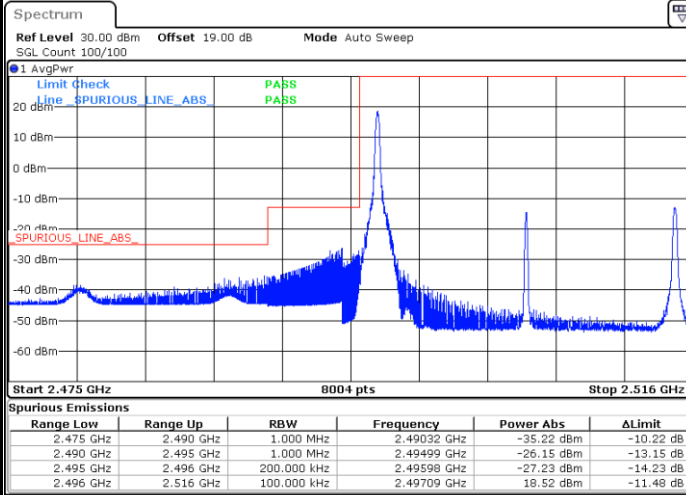


Date: 31.JUL.2025 09:56:32

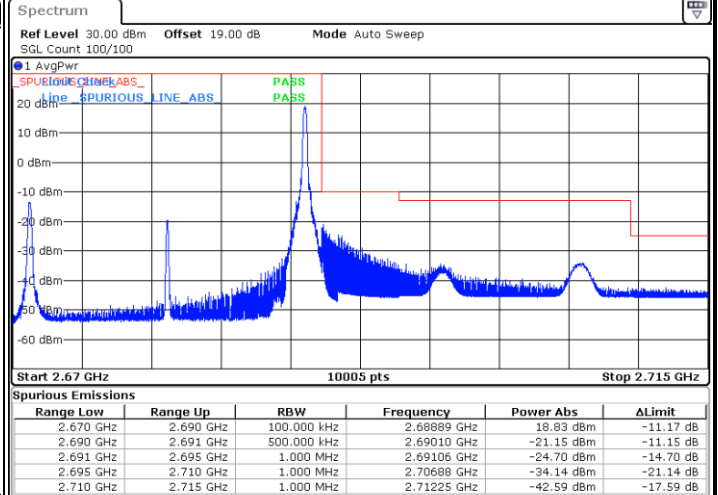


LTE Band 41 / 20MHz / 64QAM

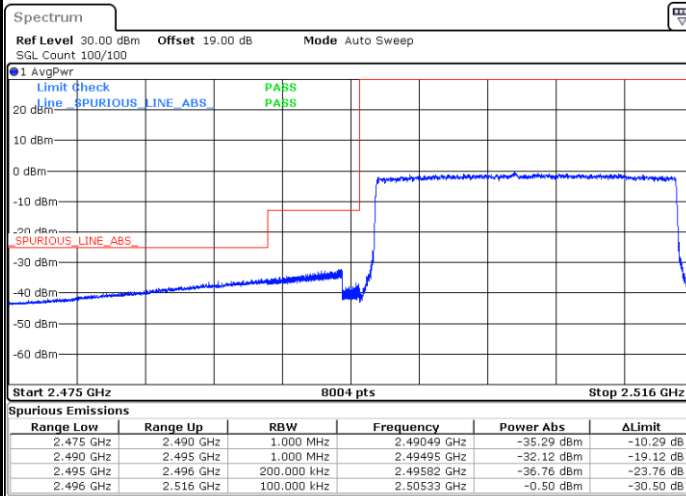
Lowest Band Edge / 1RB



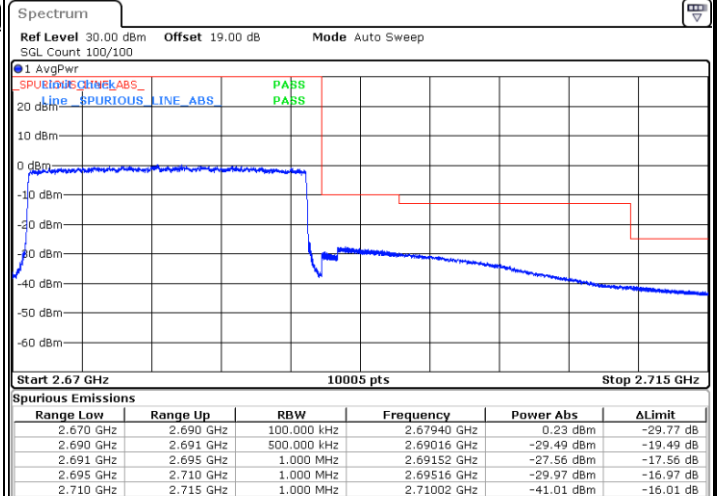
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

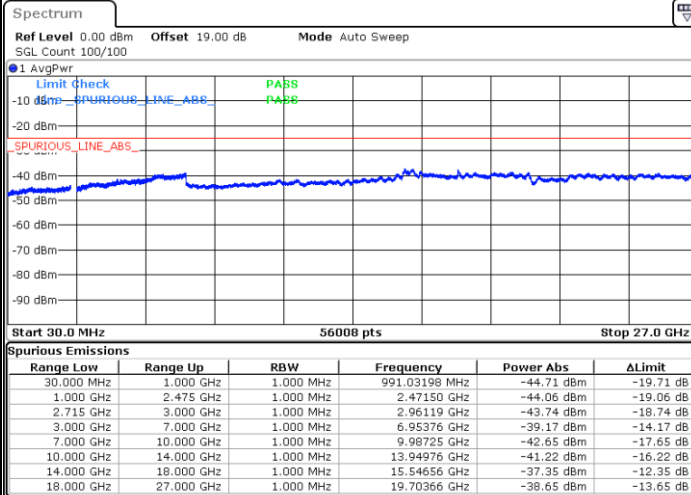




Conducted Spurious Emission

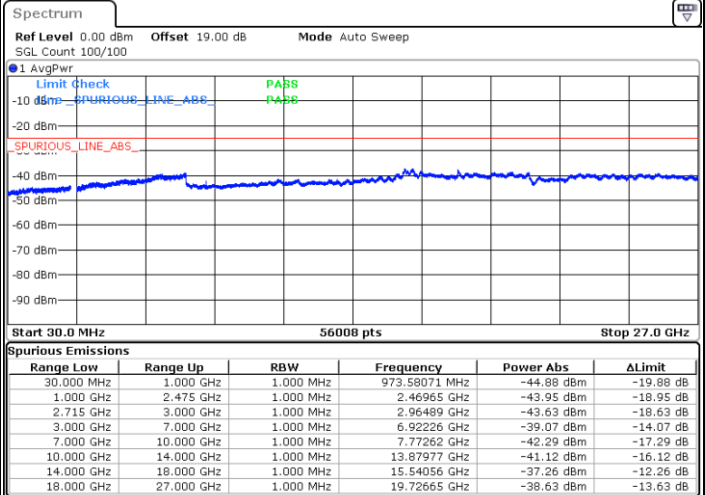
LTE Band 41 / 5MHz

Lowest Channel / QPSK



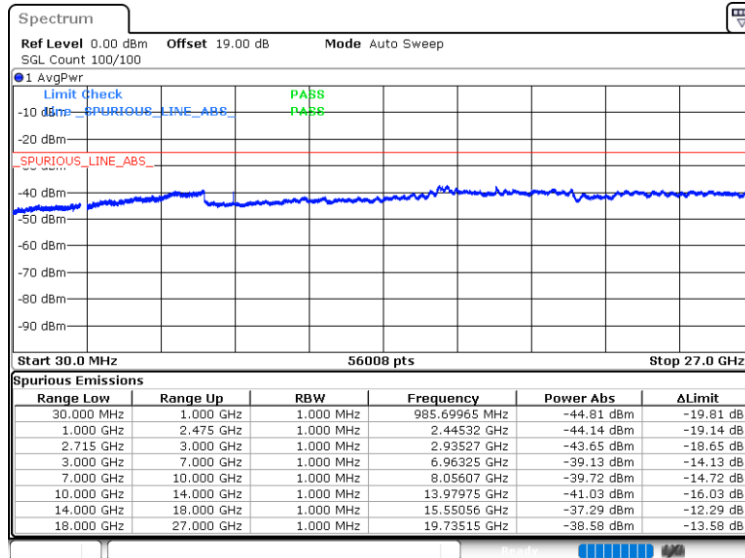
Date: 31.JUL.2025 00:23:25

Middle Channel / QPSK



Date: 31.JUL.2025 00:24:31

Highest Channel / QPSK

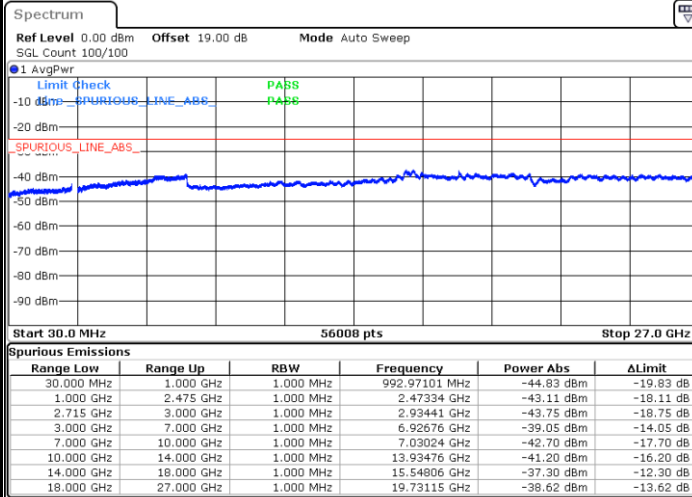


Date: 31.JUL.2025 00:33:46



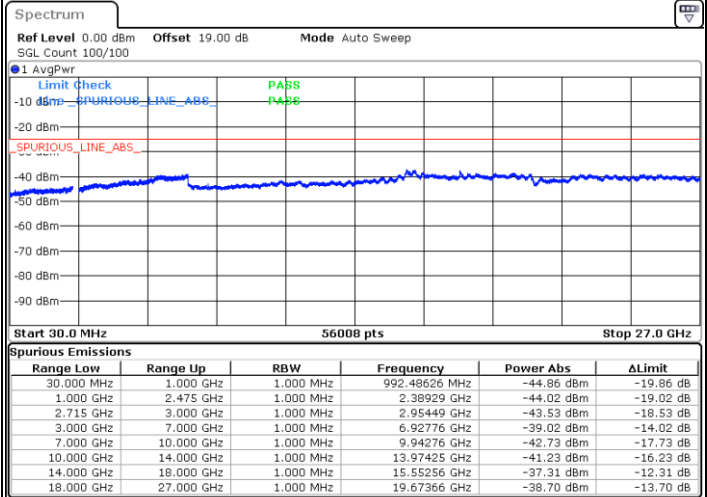
LTE Band 41 / 10MHz

Lowest Channel / QPSK



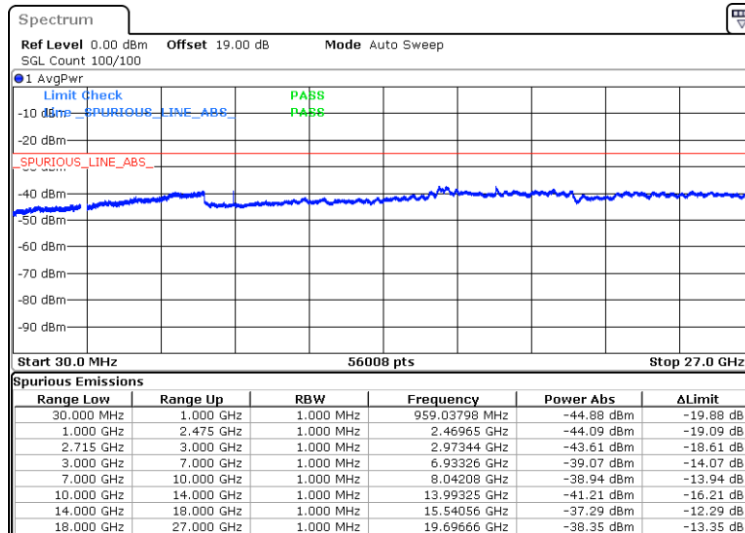
Date: 31.JUL.2025 00:40:28

Middle Channel / QPSK



Date: 31.JUL.2025 00:41:33

Highest Channel / QPSK



Date: 31.JUL.2025 00:48:18