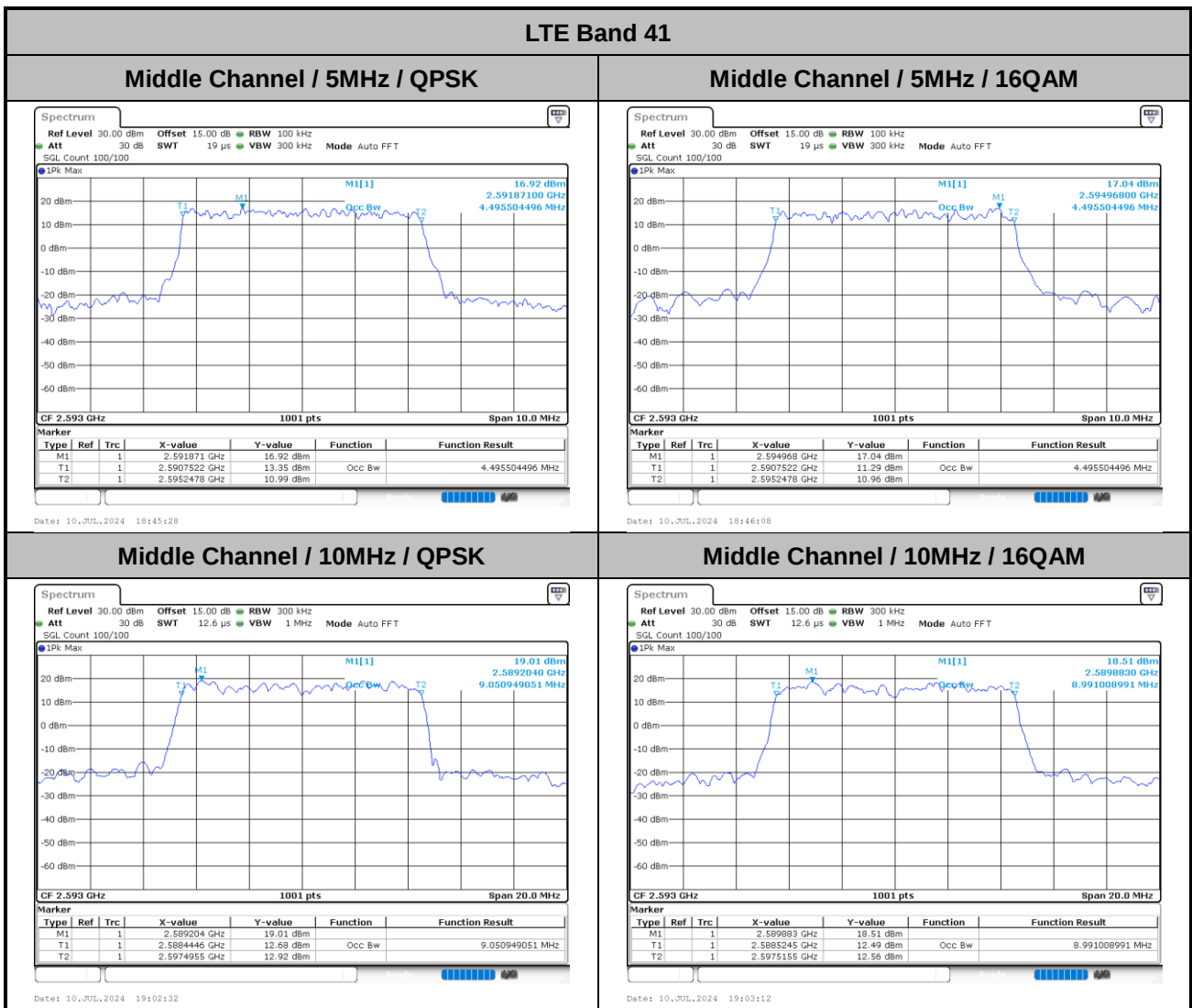




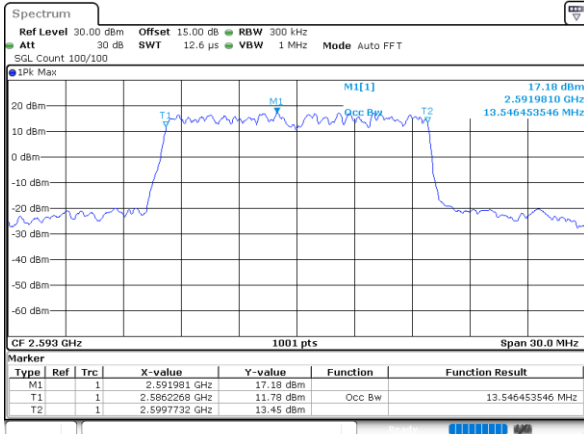
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.50	4.50	9.05	8.99	13.55	13.46	17.86	17.94



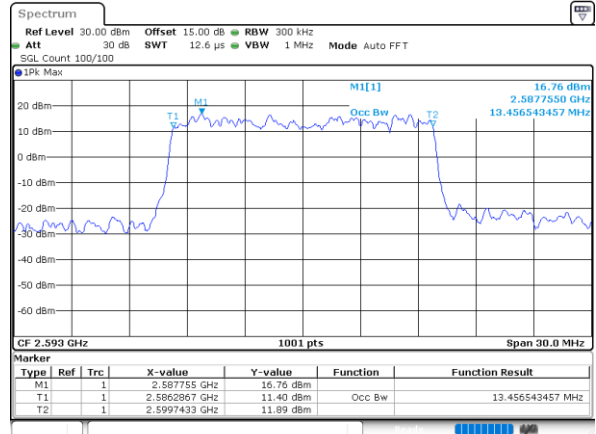


Middle Channel / 15MHz / QPSK



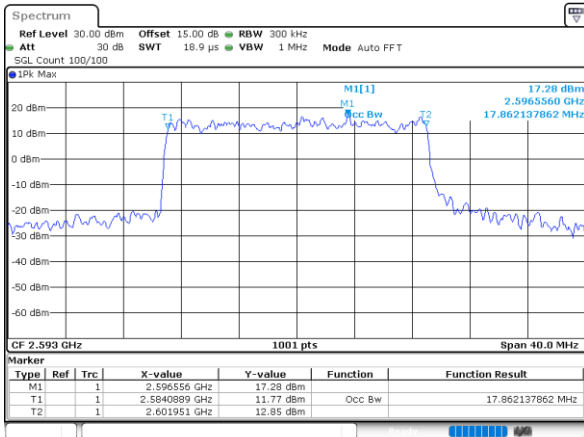
Date: 10_JUL_2024 19:17:35

Middle Channel / 15MHz / 16QAM



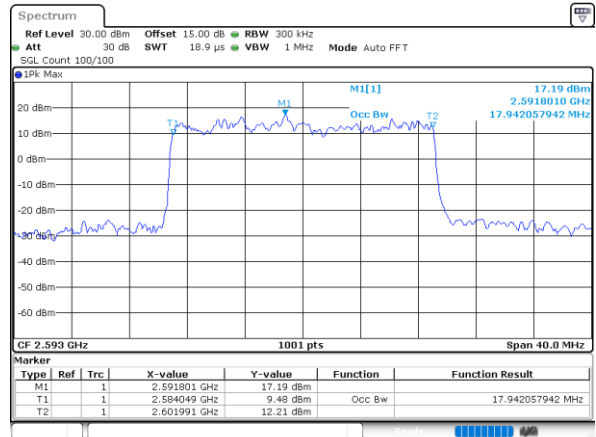
Date: 10_JUL_2024 19:18:16

Middle Channel / 20MHz / QPSK



Date: 10_JUL_2024 19:13:37

Middle Channel / 20MHz / 16QAM



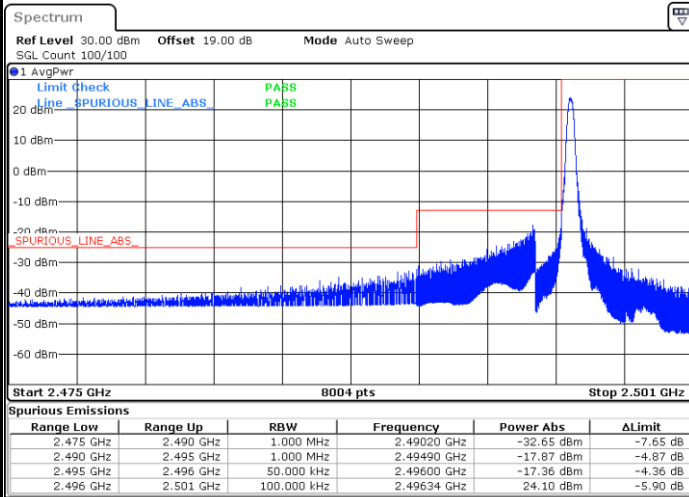
Date: 10_JUL_2024 19:14:16



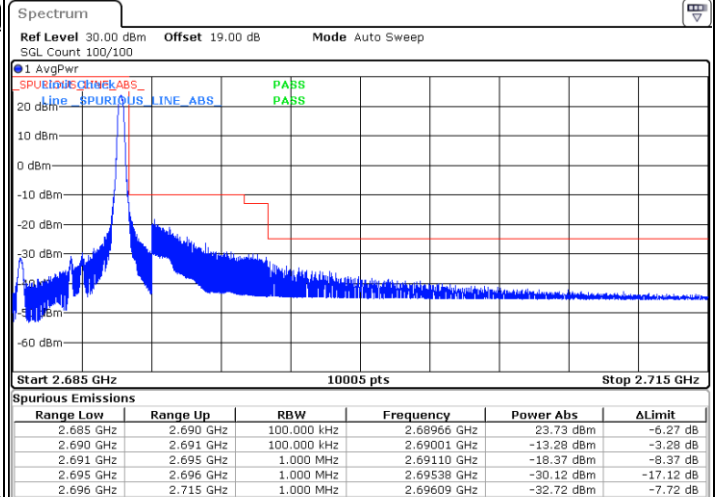
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

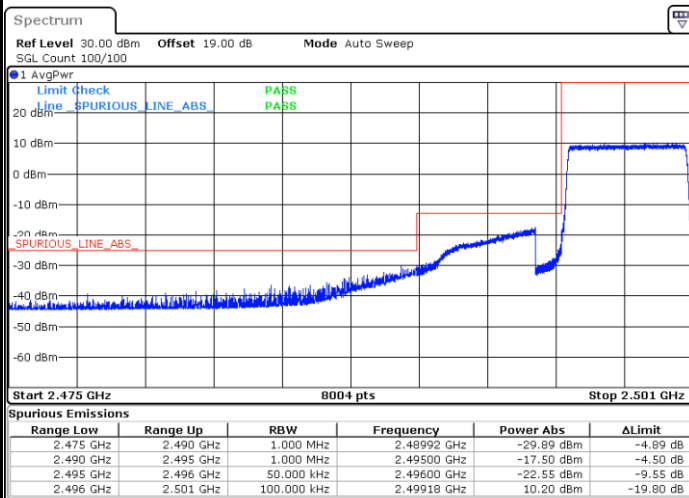
Lowest Band Edge / 1 RB



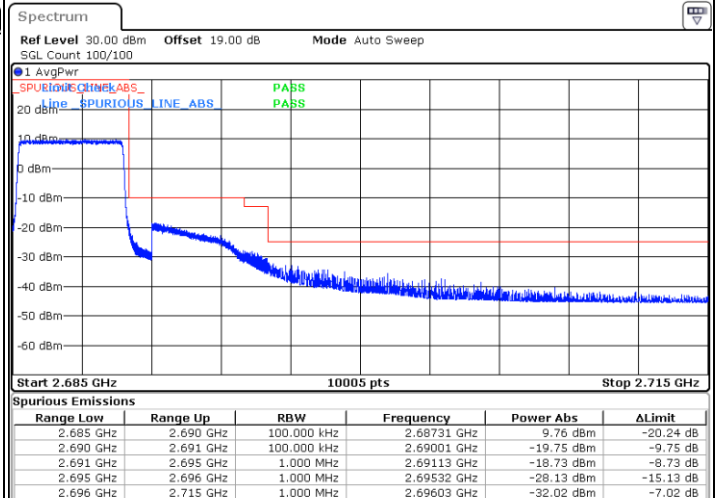
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



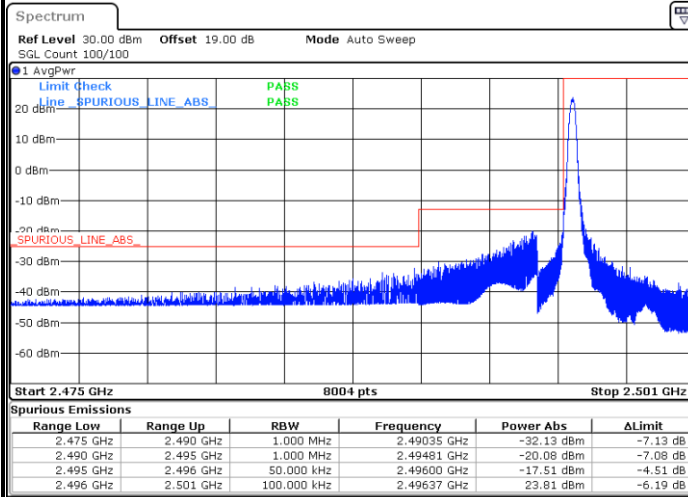
Highest Band Edge / Full RB





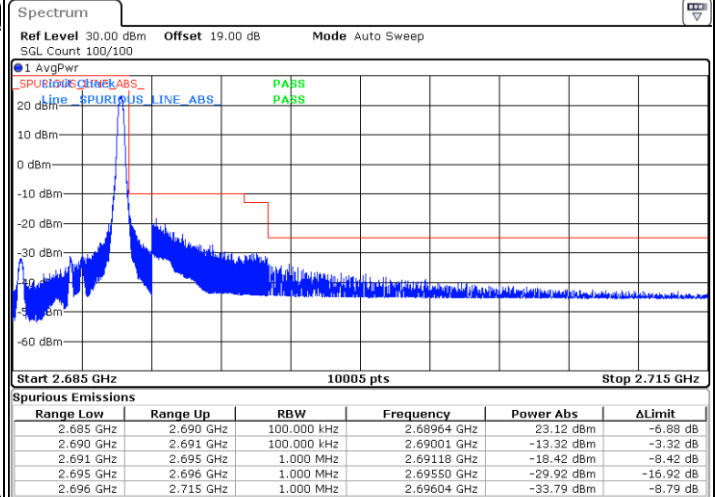
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



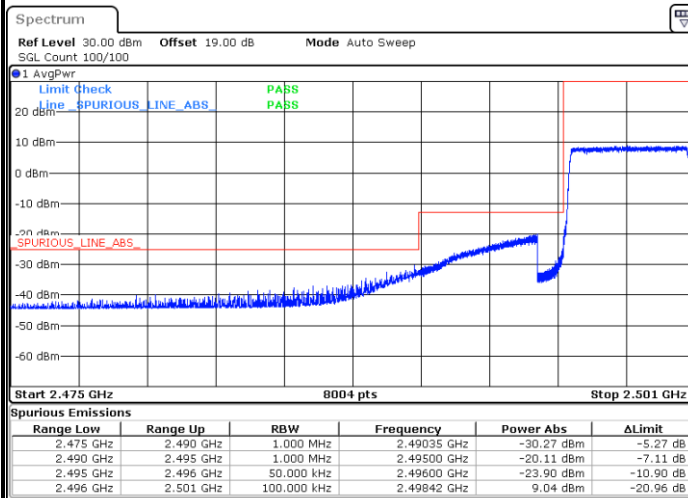
Date: 10.JUL.2024 18:39:10

Highest Band Edge / 1 RB



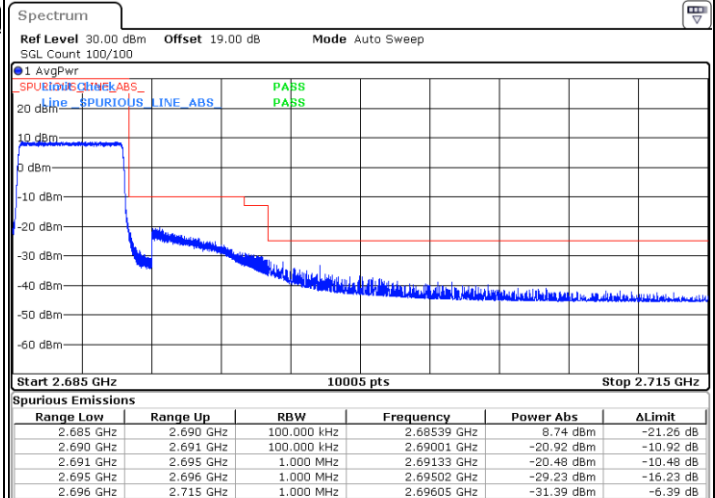
Date: 11.JUL.2024 09:19:36

Lowest Band Edge / Full RB



Date: 10.JUL.2024 18:41:47

Highest Band Edge / Full RB

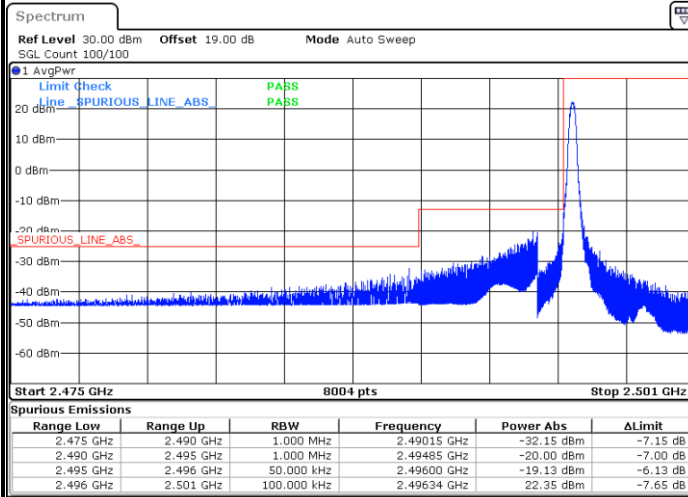


Date: 11.JUL.2024 09:23:11



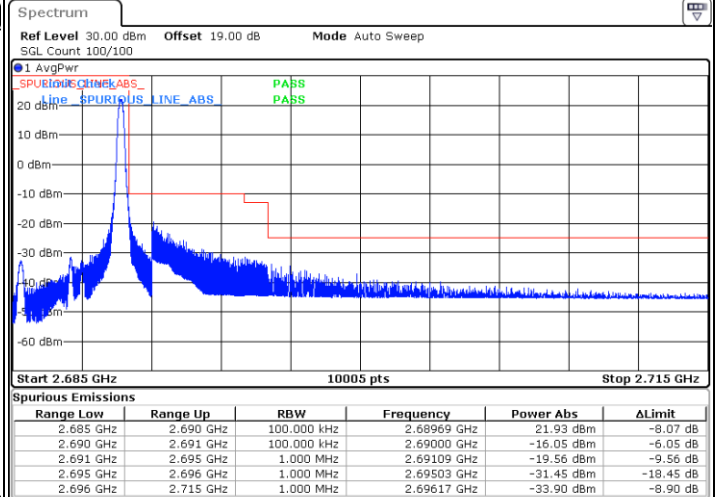
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



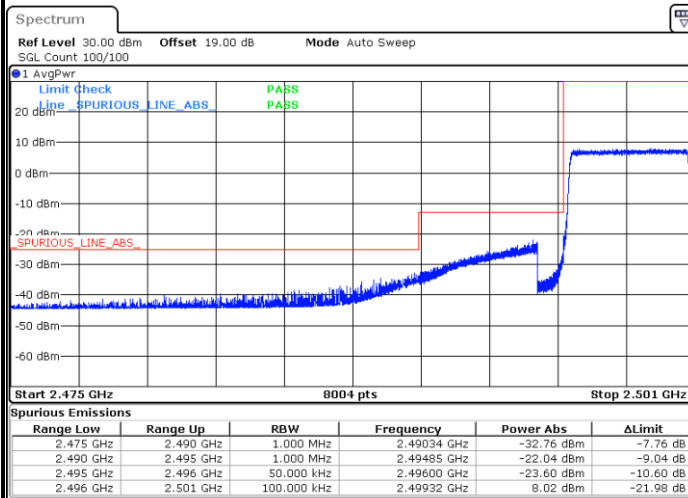
Date: 10.JUL.2024 18:40:02

Highest Band Edge / 1 RB



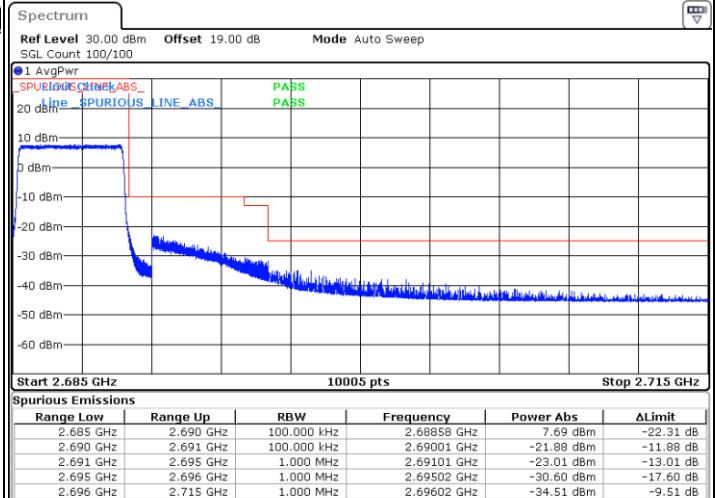
Date: 11.JUL.2024 09:20:48

Lowest Band Edge / Full RB



Date: 10.JUL.2024 18:40:54

Highest Band Edge / Full RB

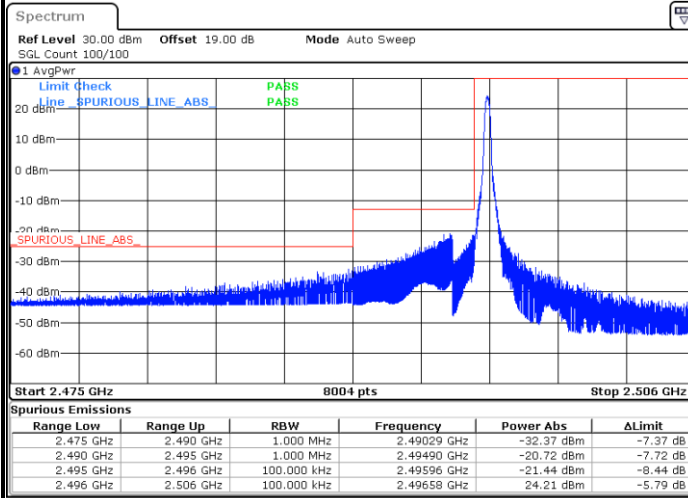


Date: 11.JUL.2024 09:21:59



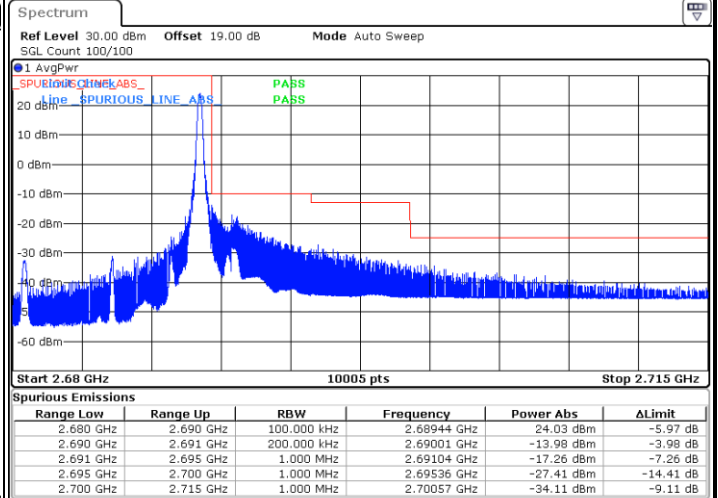
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



Date: 10.JUL.2024 18:55:38

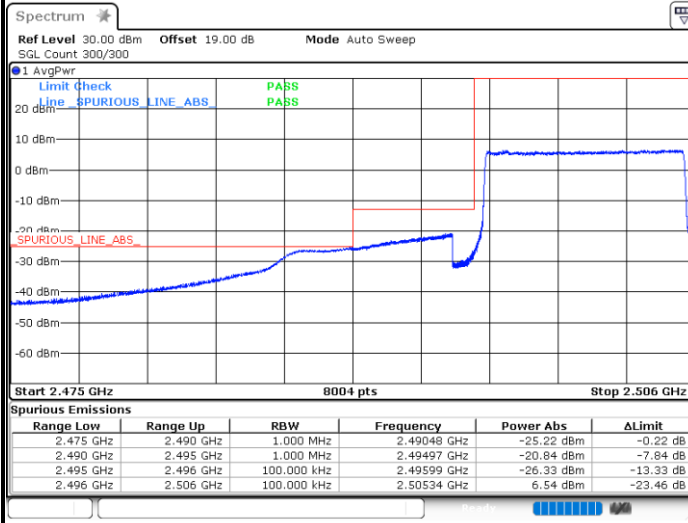
Highest Band Edge / 1 RB



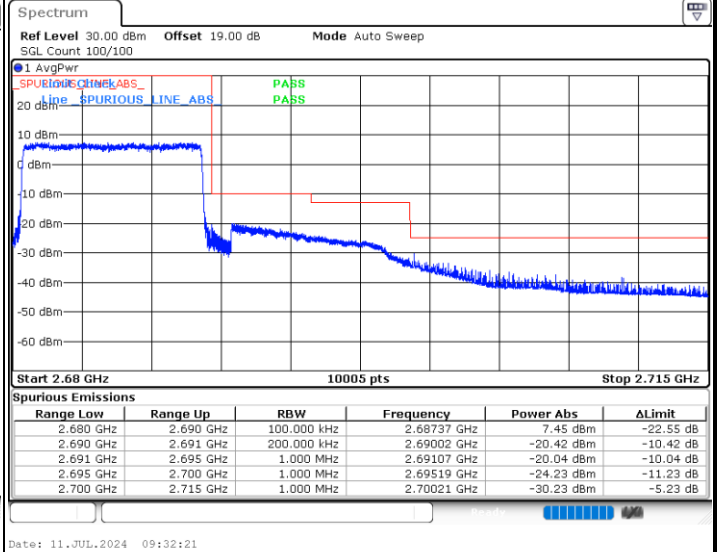
Date: 11.JUL.2024 09:26:23



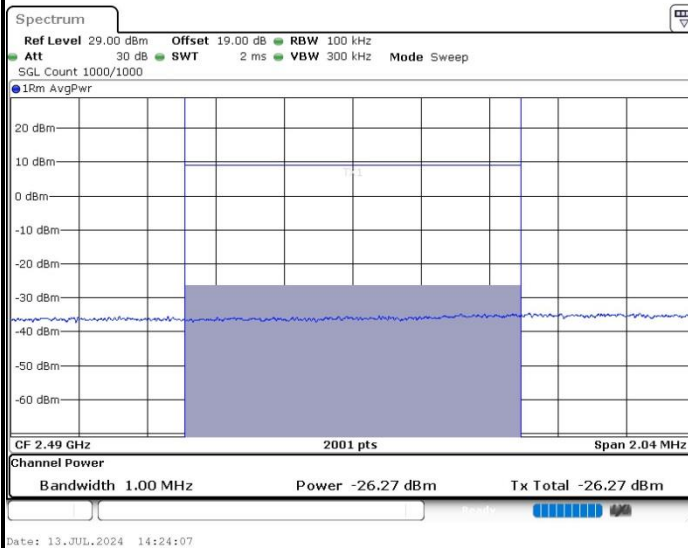
Lowest Band Edge / Full RB



Highest Band Edge / Full RB



Lowest Band Edge / Full RB-channel power

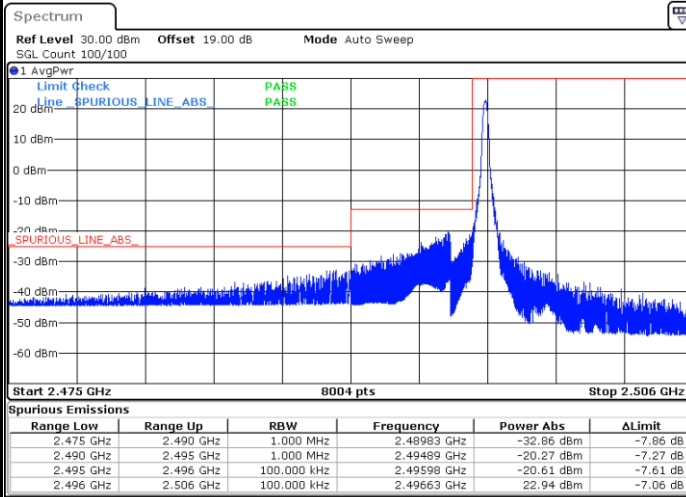


NA

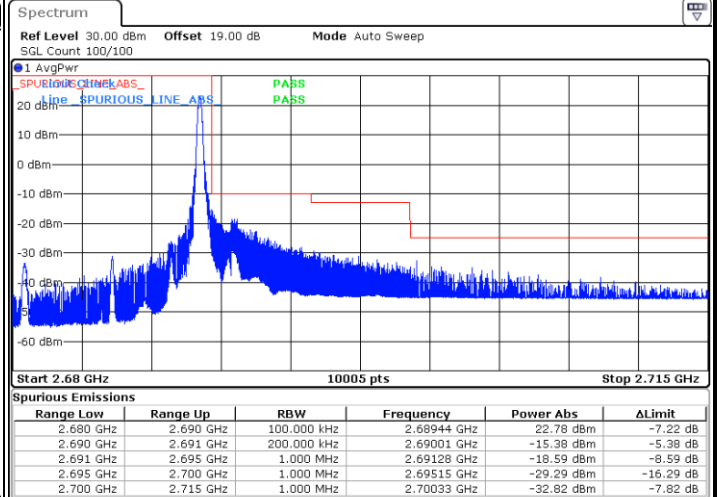


LTE Band 41 / 10MHz / 16QAM

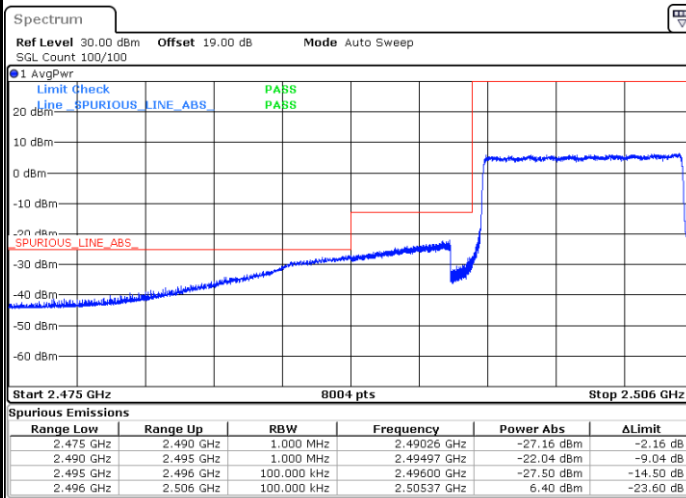
Lowest Band Edge / 1RB



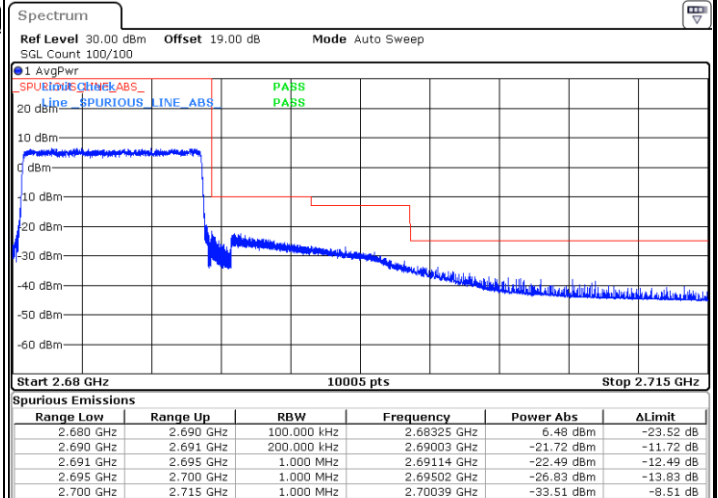
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



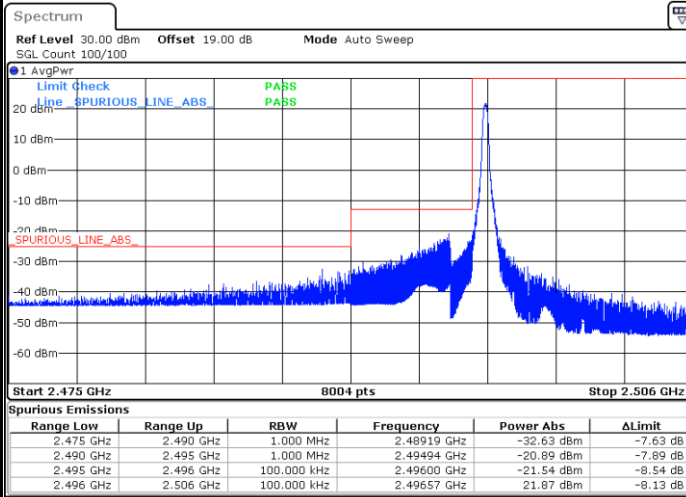
Highest Band Edge / Full RB





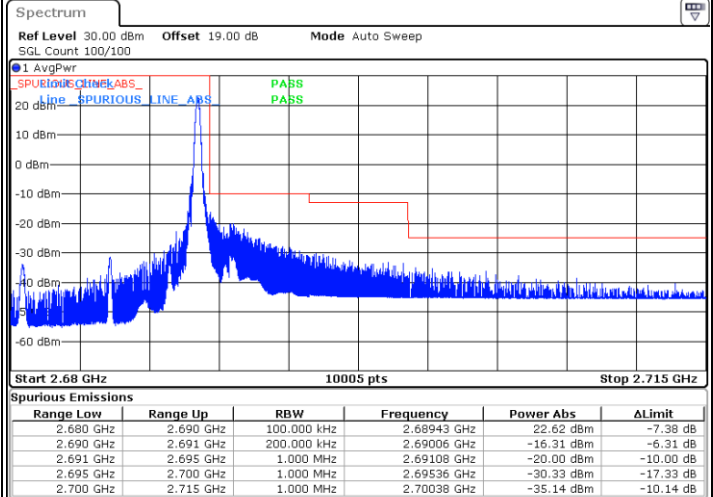
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1RB



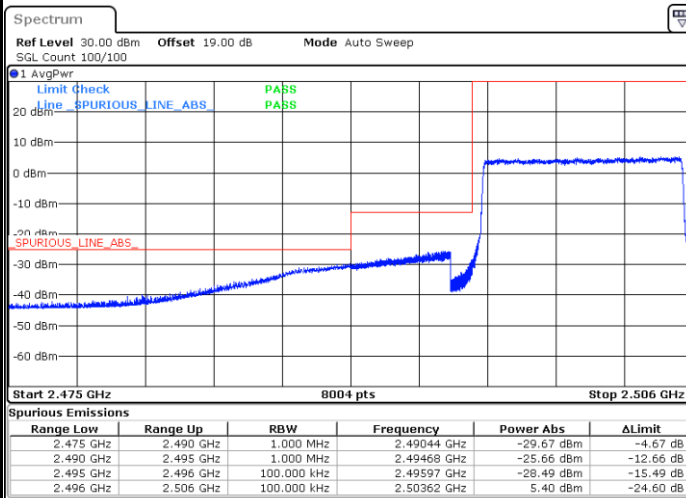
Date: 10.JUL.2024 18:57:16

Highest Band Edge / 1 RB



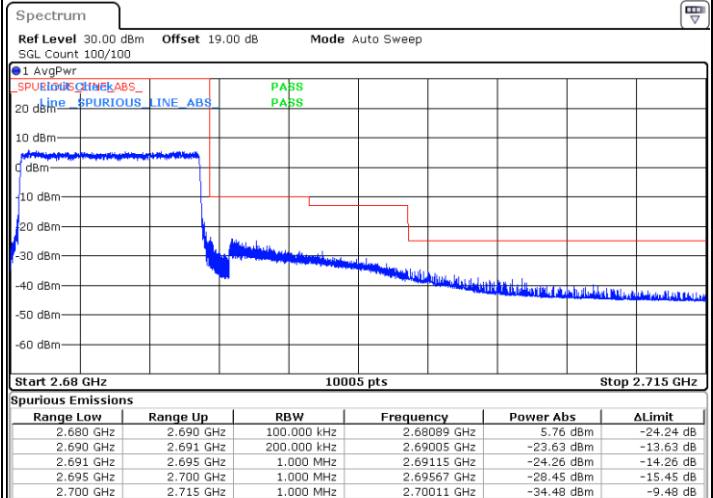
Date: 11.JUL.2024 09:28:46

Lowest Band Edge / Full RB



Date: 10.JUL.2024 18:58:05

Highest Band Edge / Full RB

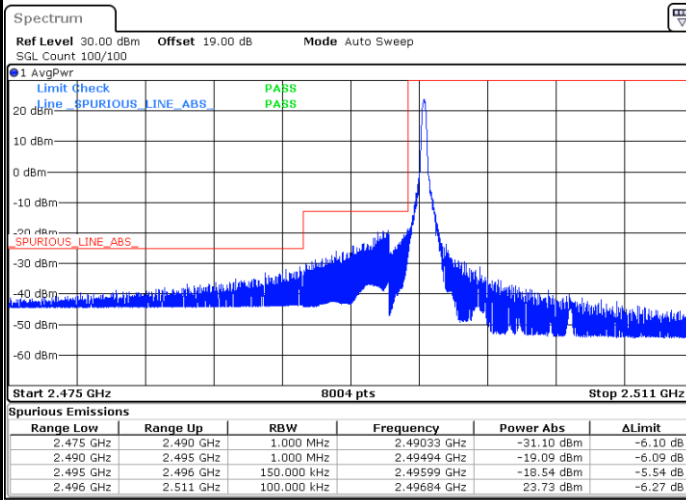


Date: 11.JUL.2024 09:29:58

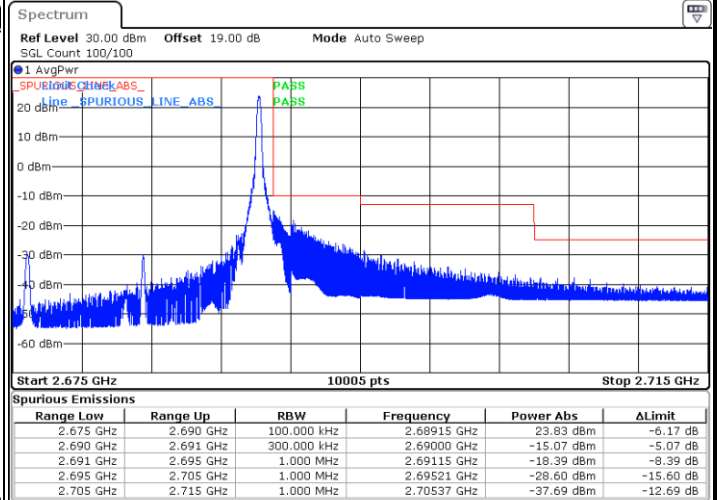


LTE Band 41 / 15MHz / QPSK

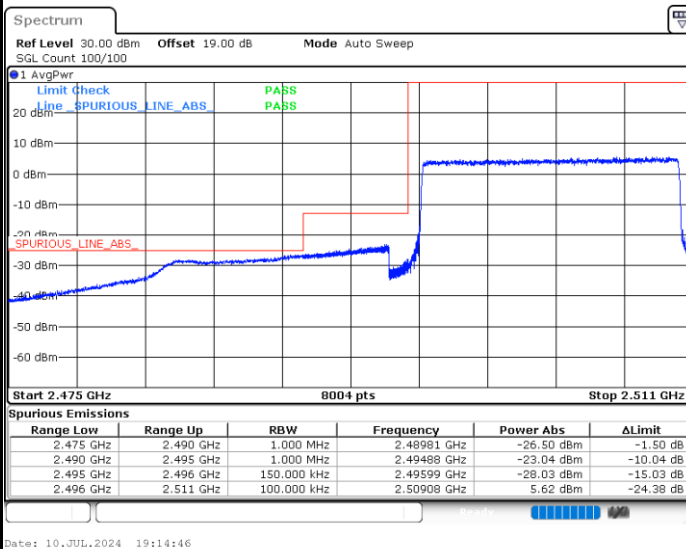
Lowest Band Edge / 1 RB



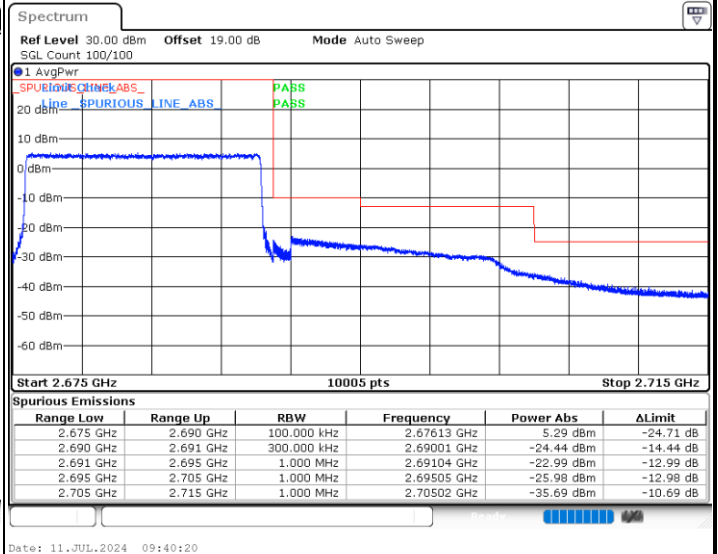
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



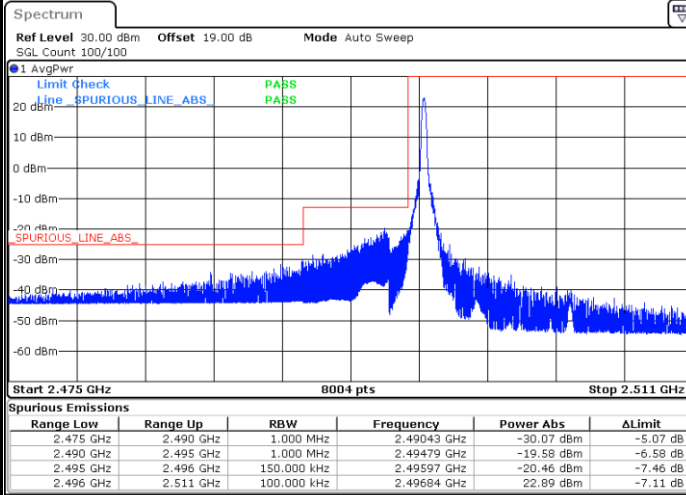
Highest Band Edge / Full RB



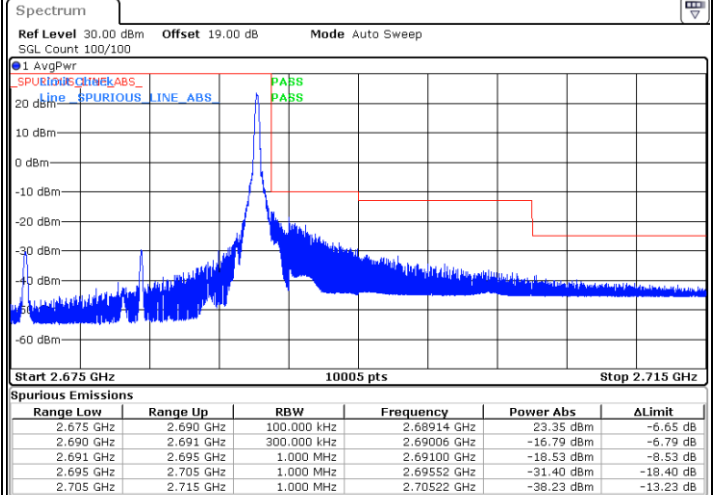


LTE Band 41 / 15MHz / 16QAM

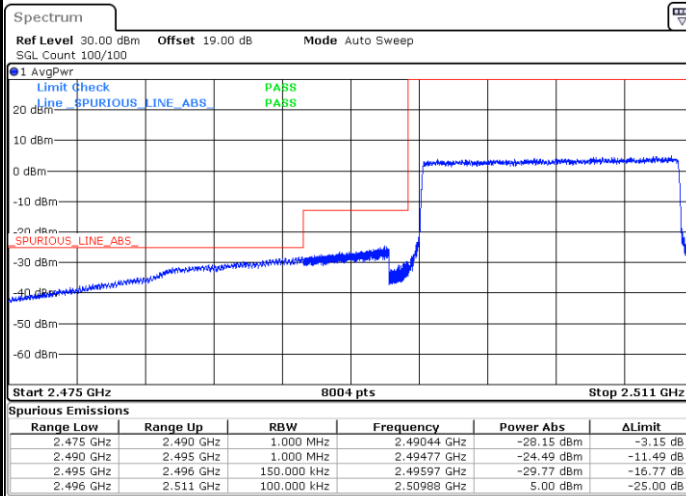
Lowest Band Edge / 1RB



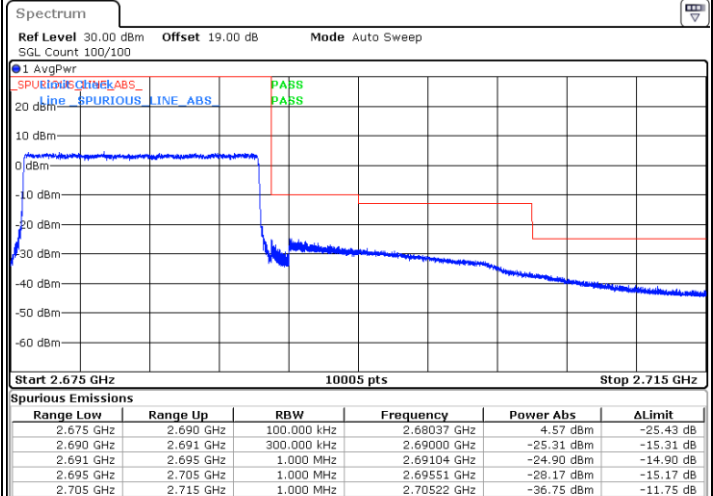
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



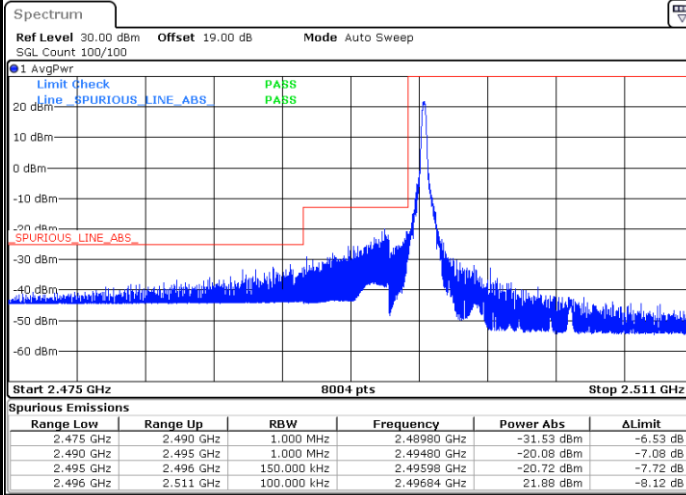
Highest Band Edge / Full RB



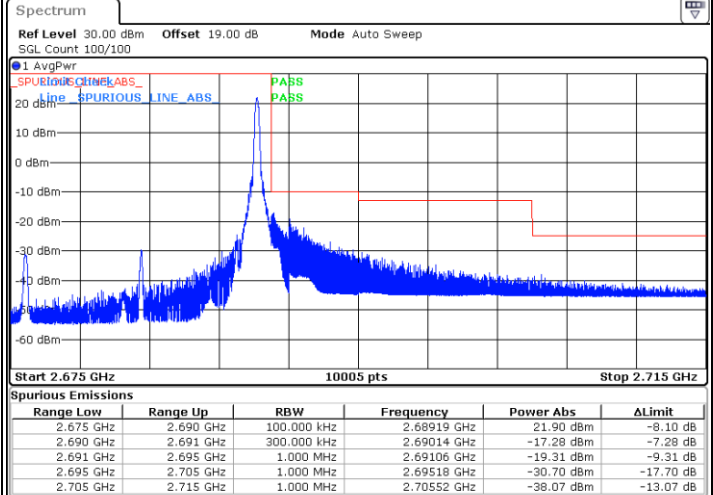


LTE Band 41 / 15MHz / 64QAM

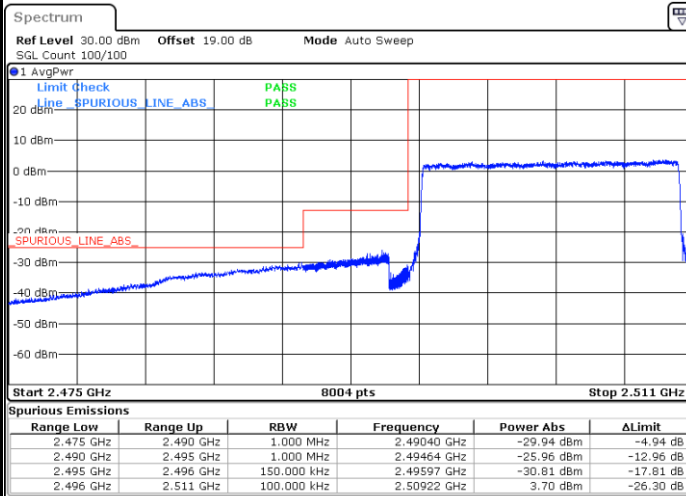
Lowest Band Edge / 1RB



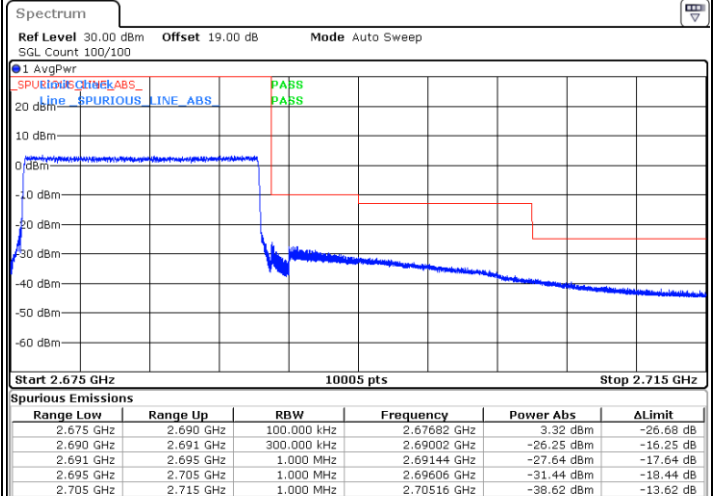
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



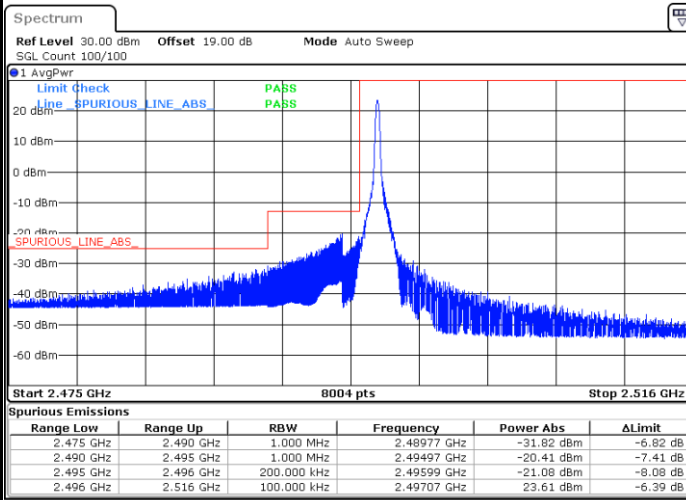
Highest Band Edge / Full RB



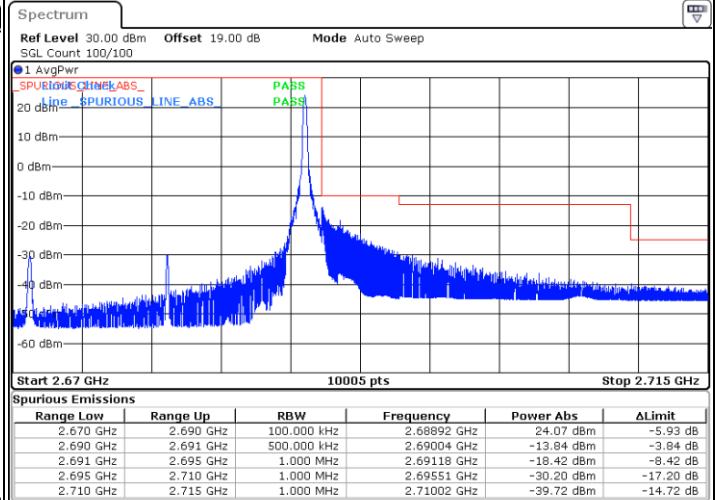


LTE Band 41 / 20MHz / QPSK

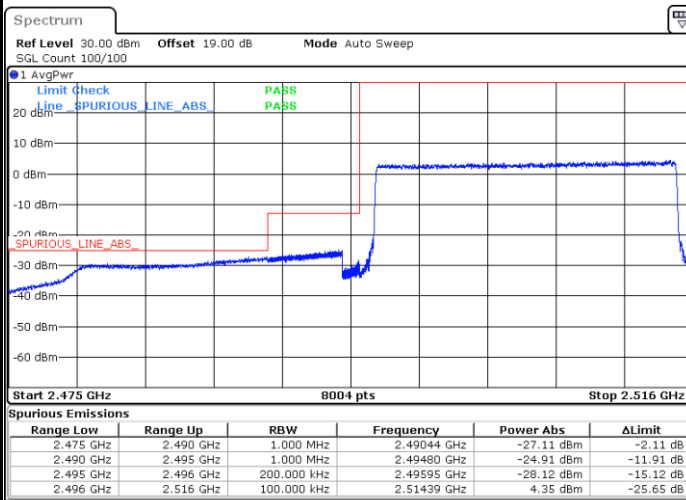
Lowest Band Edge / 1 RB



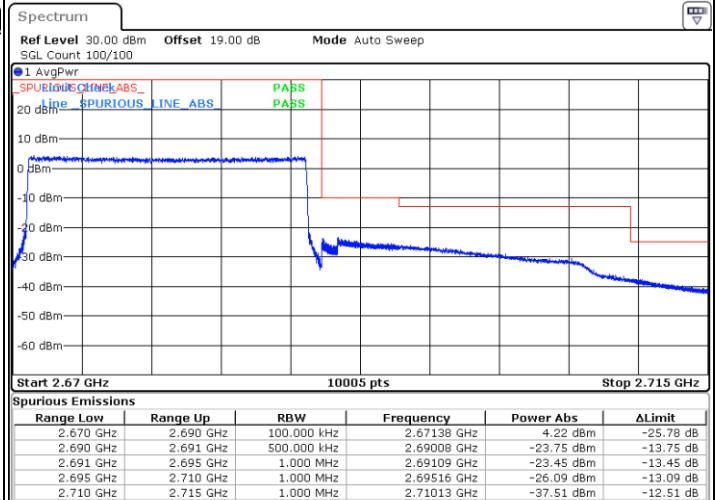
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



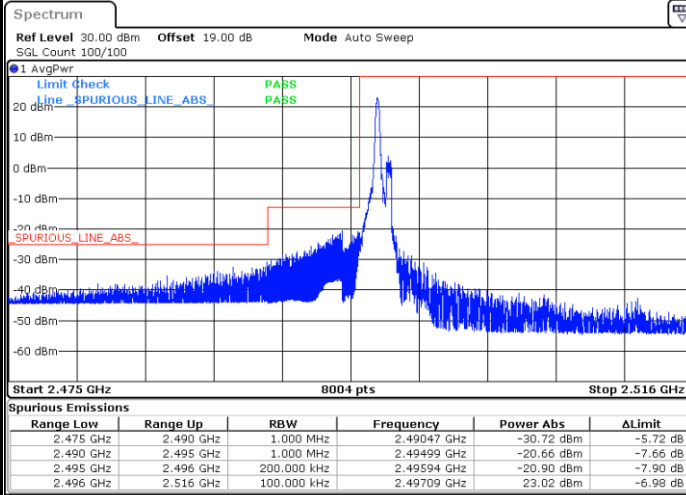
Highest Band Edge / Full RB





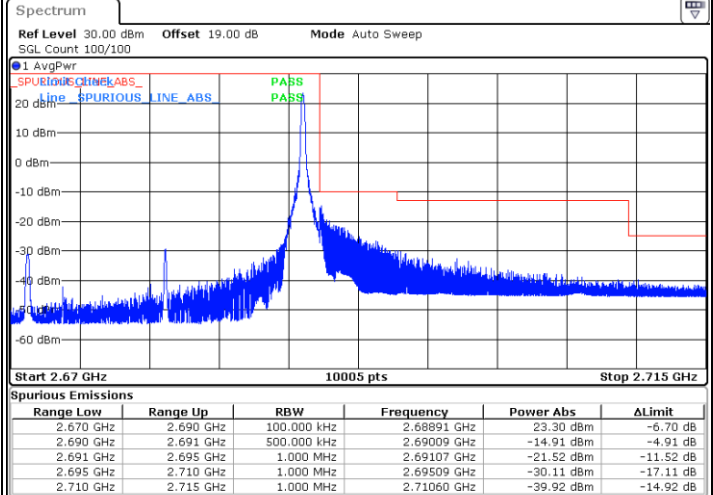
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1RB



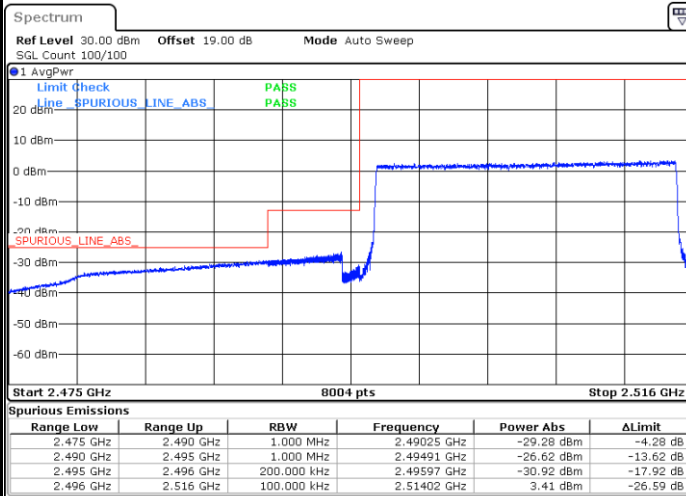
Date: 10.JUL.2024 19:27:33

Highest Band Edge / 1 RB



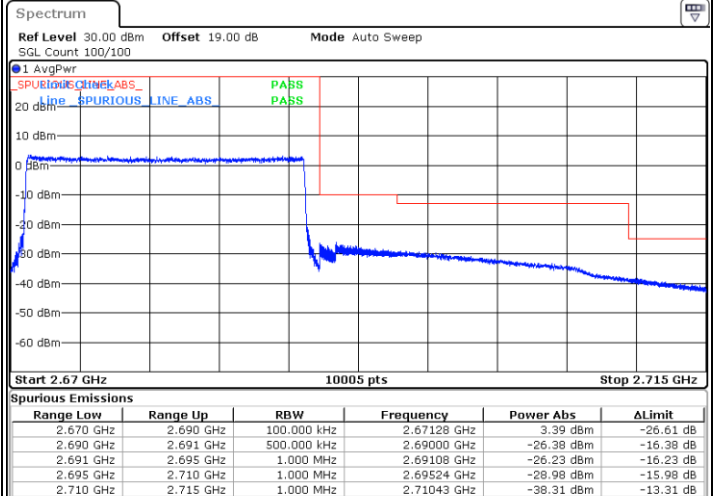
Date: 11.JUL.2024 09:43:33

Lowest Band Edge / Full RB



Date: 10.JUL.2024 19:30:00

Highest Band Edge / Full RB

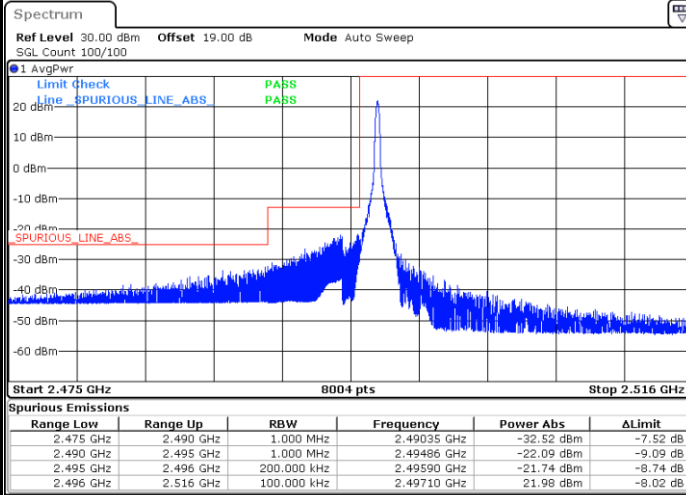


Date: 11.JUL.2024 09:47:08



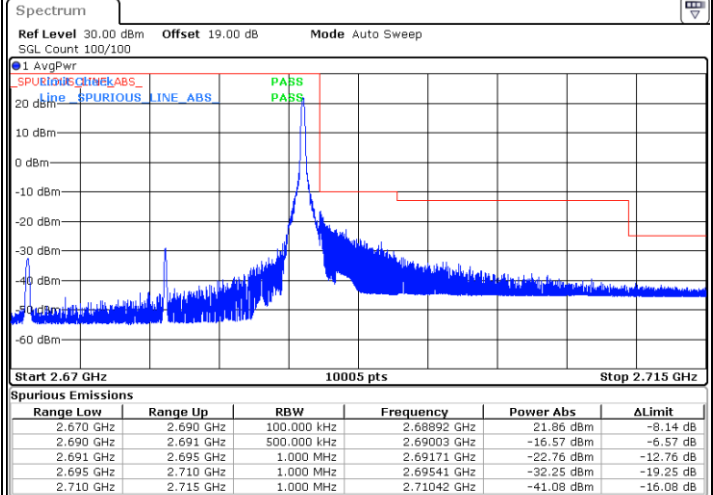
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1RB



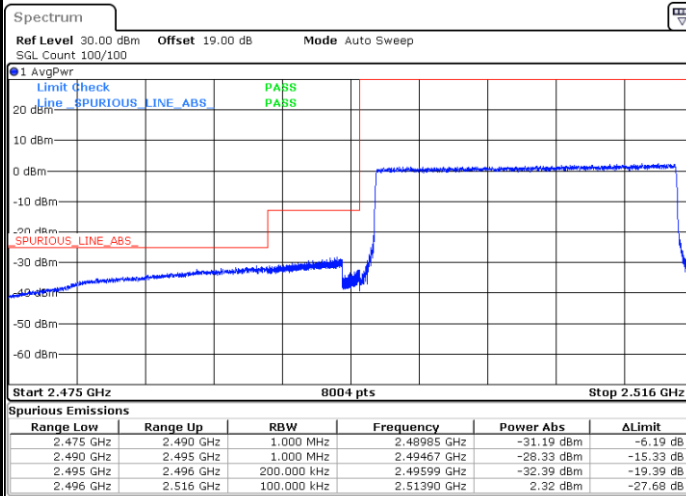
Date: 10.JUL.2024 19:28:22

Highest Band Edge / 1 RB



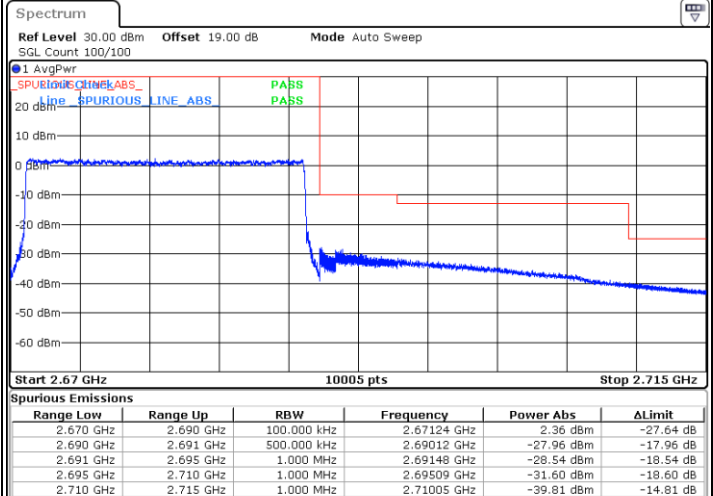
Date: 11.JUL.2024 09:44:44

Lowest Band Edge / Full RB



Date: 10.JUL.2024 19:29:11

Highest Band Edge / Full RB



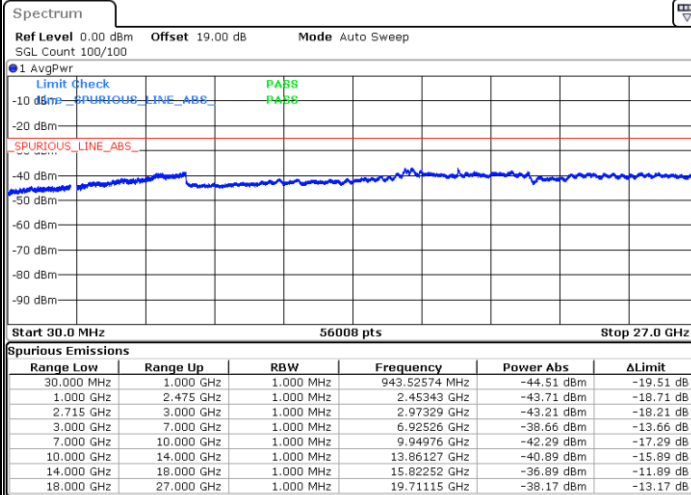
Date: 11.JUL.2024 09:45:56



Conducted Spurious Emission

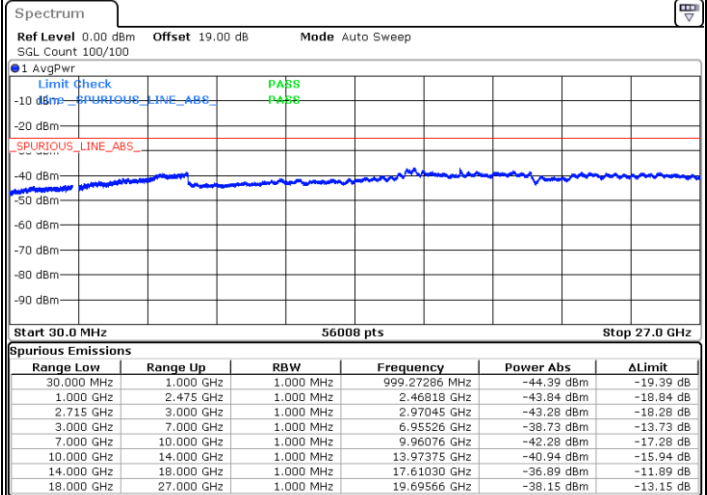
LTE Band 41 / 5MHz

Lowest Channel / QPSK



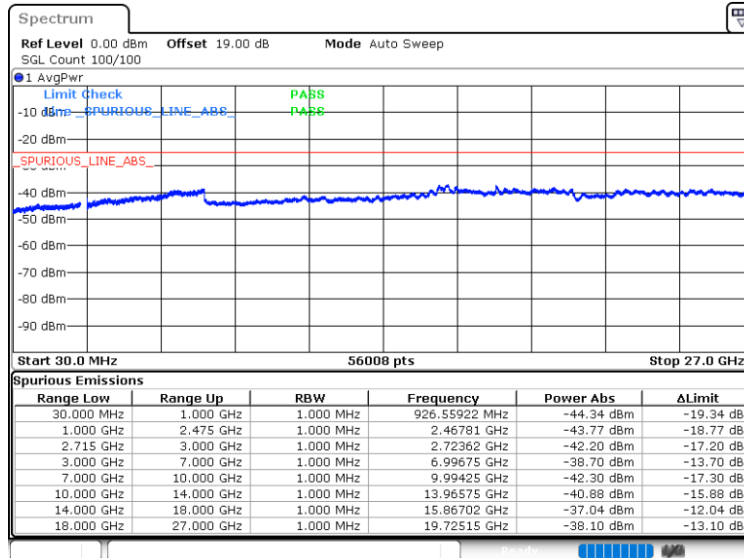
Date: 10.JUL.2024 18:43:50

Middle Channel / QPSK



Date: 10.JUL.2024 18:45:00

Highest Channel / QPSK

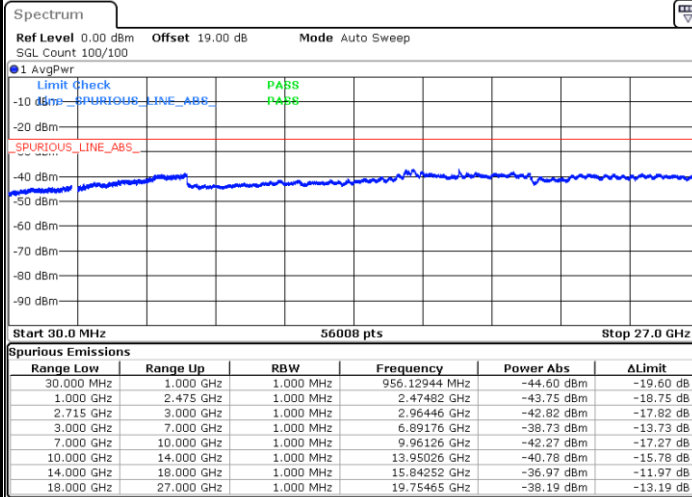


Date: 10.JUL.2024 18:54:00



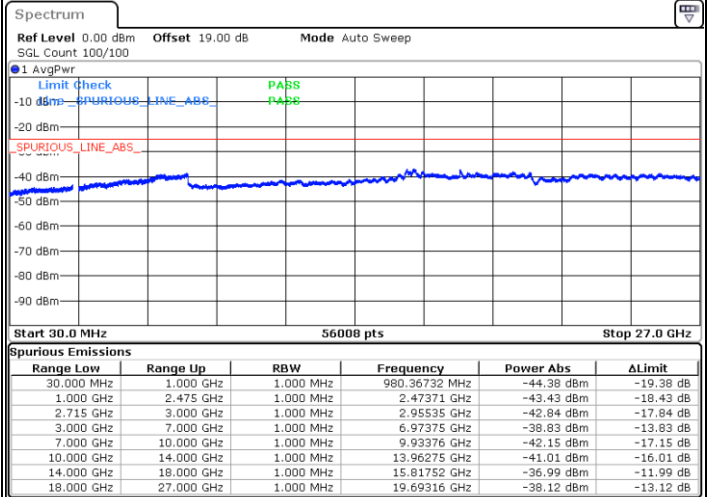
LTE Band 41 / 10MHz

Lowest Channel / QPSK



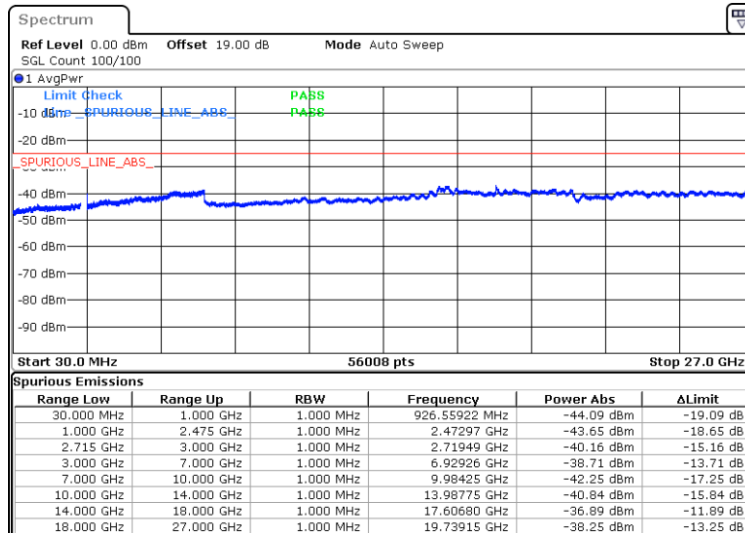
Date: 10.JUL.2024 19:00:54

Middle Channel / QPSK



Date: 10.JUL.2024 19:02:04

Highest Channel / QPSK

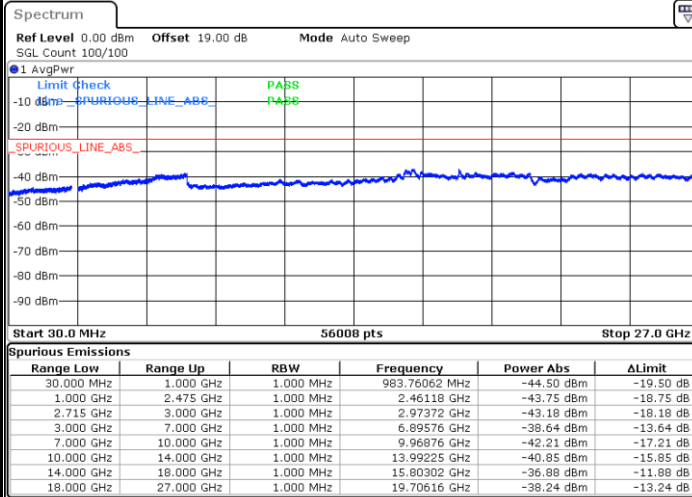


Date: 10.JUL.2024 19:09:16



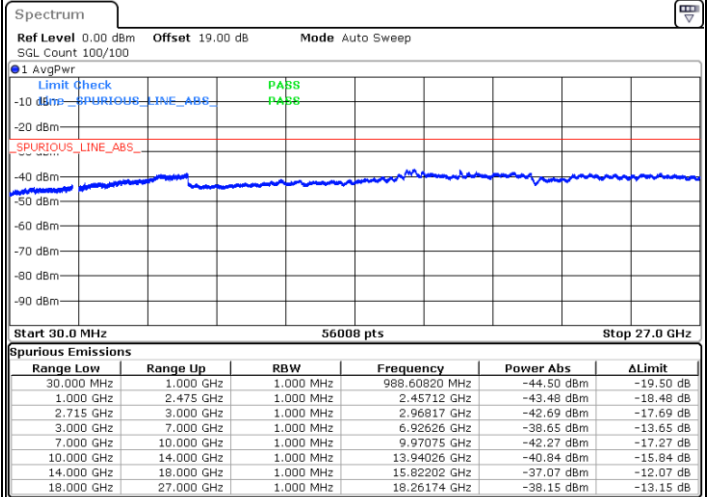
LTE Band 41 / 15MHz

Lowest Channel / QPSK



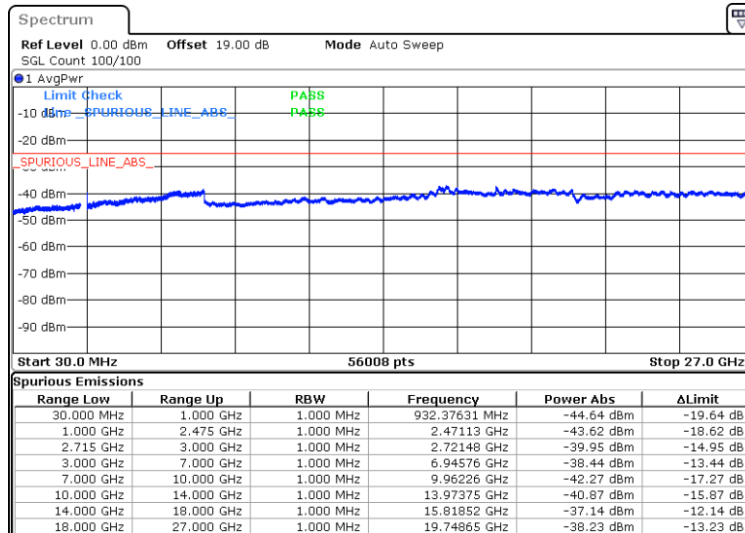
Date: 10.JUL.2024 19:15:57

Middle Channel / QPSK



Date: 10.JUL.2024 19:17:08

Highest Channel / QPSK

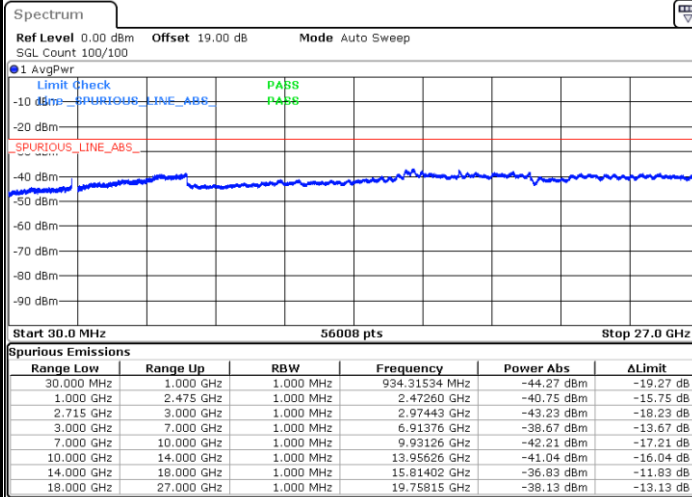


Date: 10.JUL.2024 19:25:06



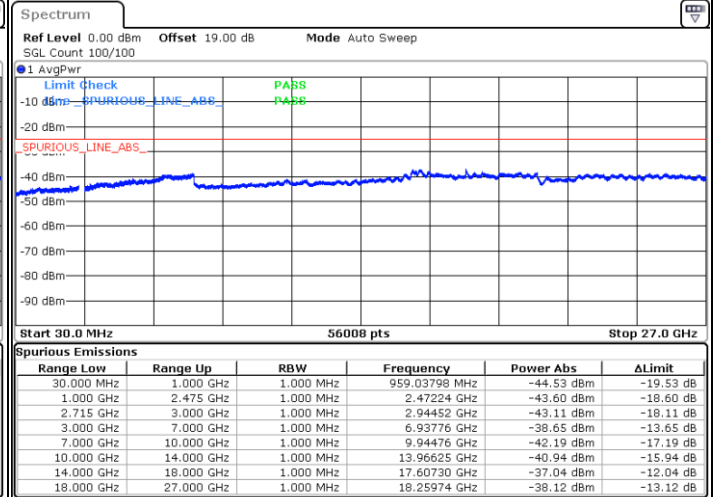
LTE Band 41 / 20MHz

Lowest Channel / QPSK



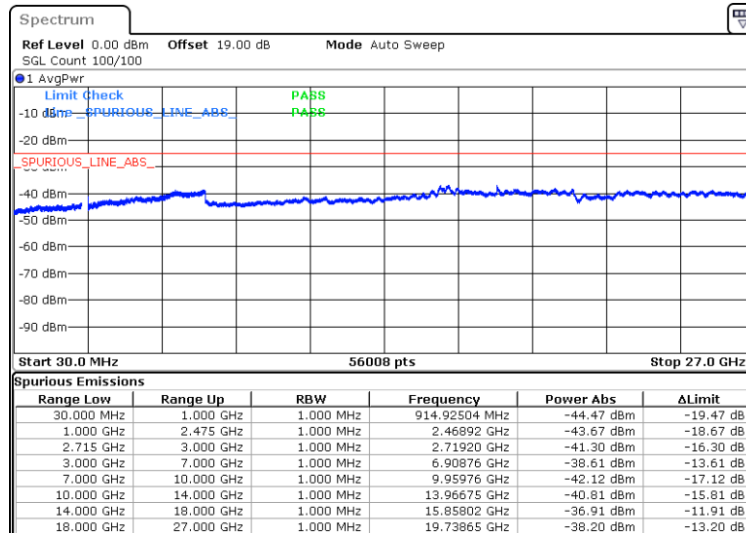
Date: 10.JUL.2024 19:32:00

Middle Channel / QPSK



Date: 10.JUL.2024 19:33:10

Highest Channel / QPSK



Date: 10.JUL.2024 19:42:33

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0030	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0012	

Note:

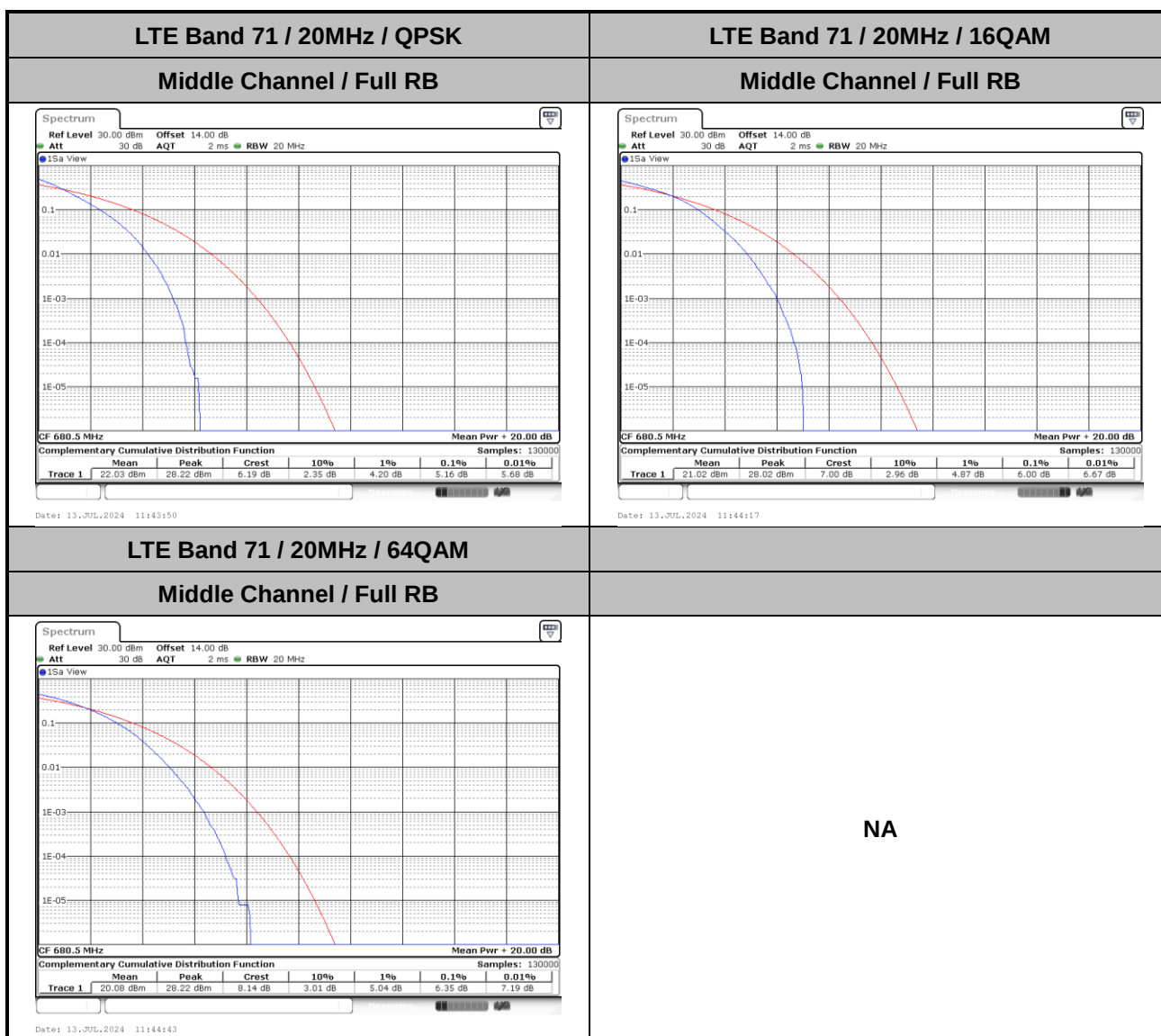
1. Normal Voltage = 3.85 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 71

Peak-to-Average Ratio

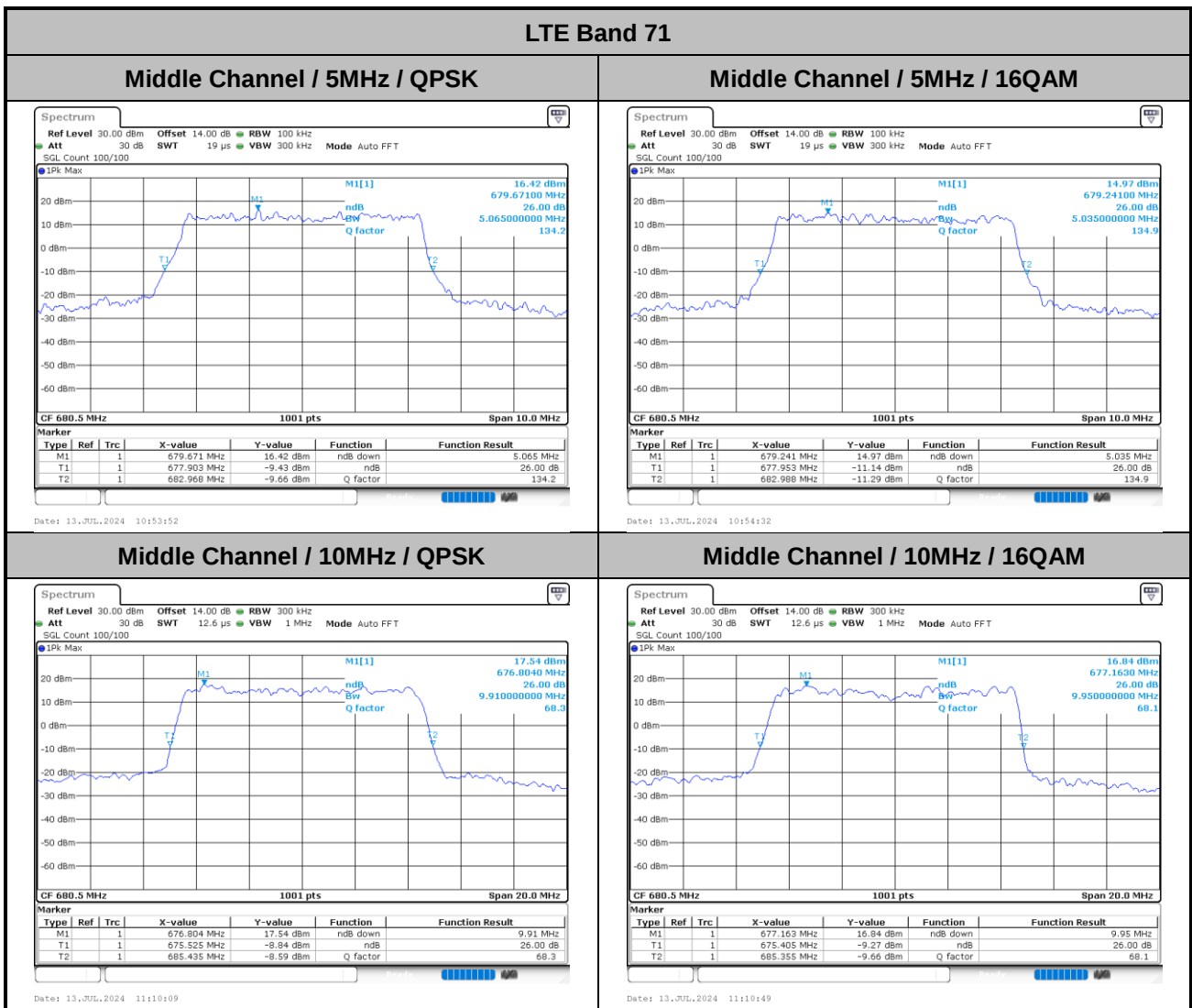
Mode	LTE Band 71 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.16	6.00	6.35	PASS





26dB Bandwidth

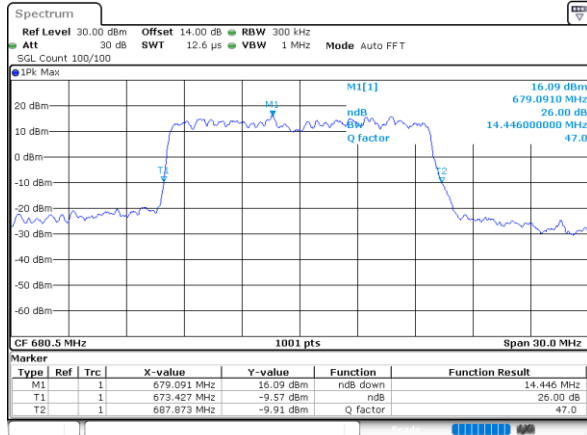
Mode	LTE Band 71 : 26dB BW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	5.07	5.04	9.91	9.95	14.45	14.75	19.14	19.06





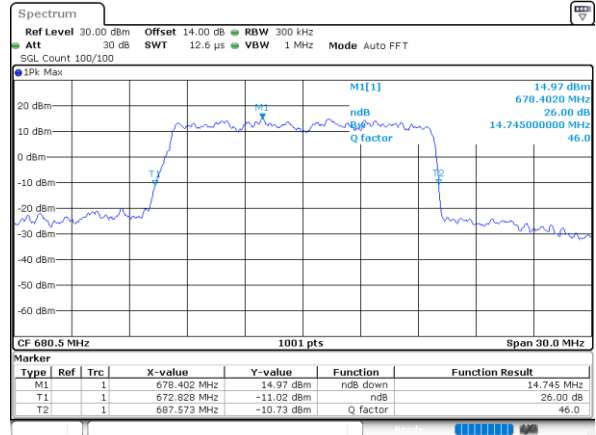
LTE Band 71

Middle Channel / 15MHz / QPSK



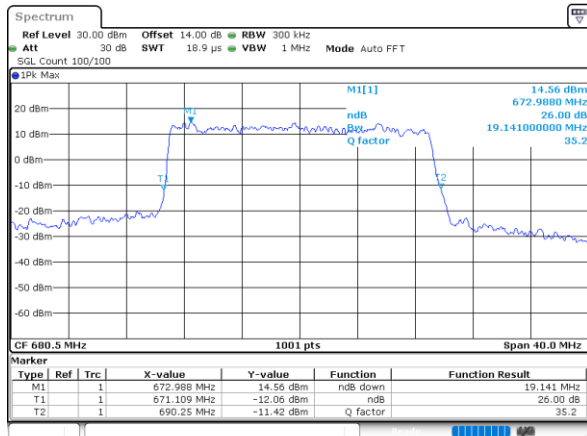
Date: 13.JUL.2024 11:26:27

Middle Channel / 15MHz / 16QAM



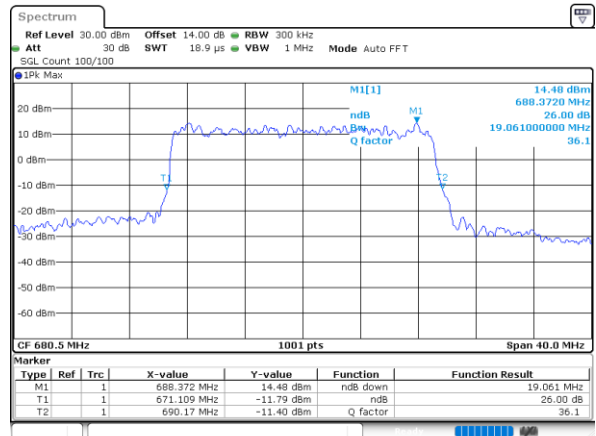
Date: 13.JUL.2024 11:27:06

Middle Channel / 20MHz / QPSK



Date: 13.JUL.2024 11:42:44

Middle Channel / 20MHz / 16QAM

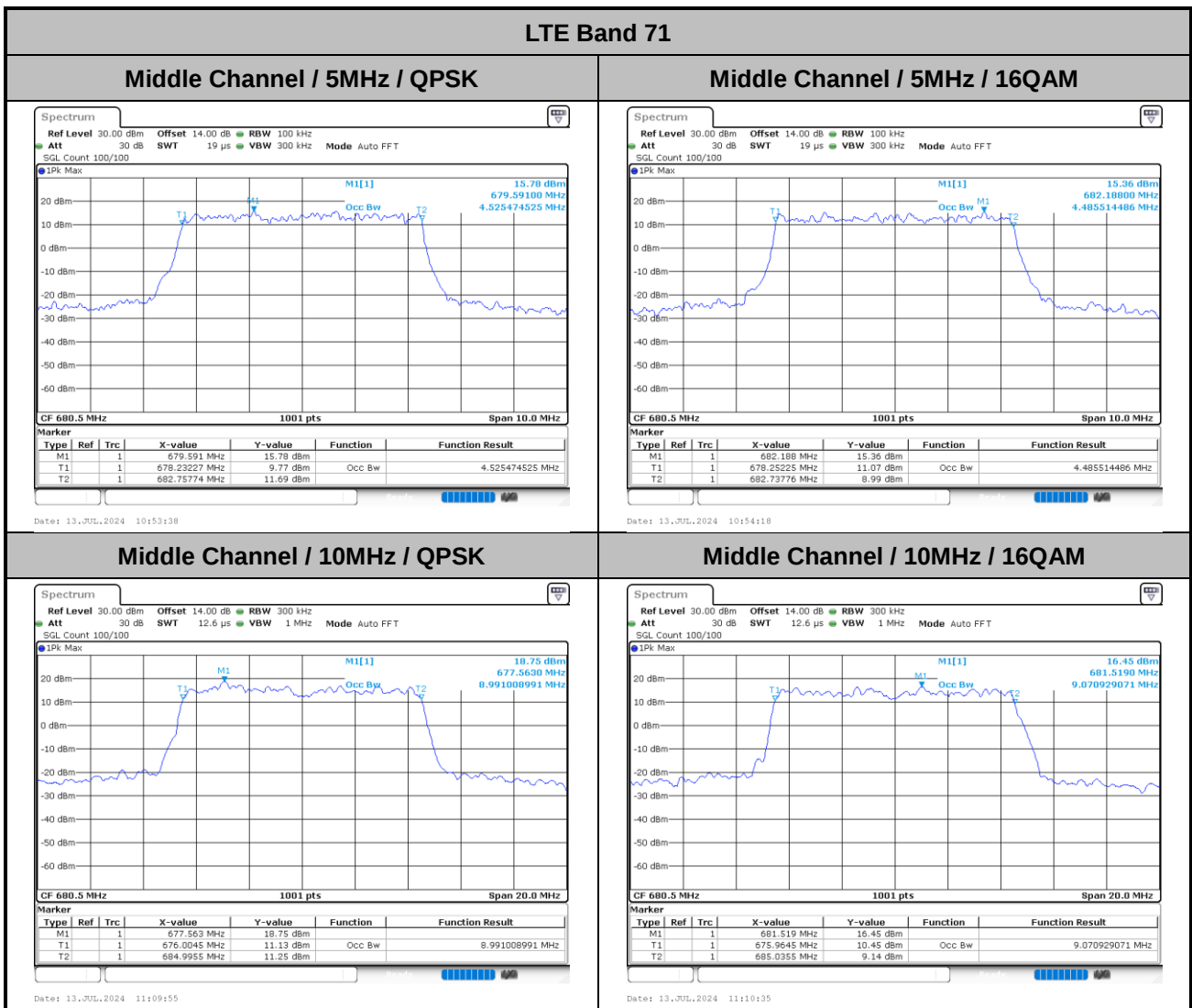


Date: 13.JUL.2024 11:43:23



Occupied Bandwidth

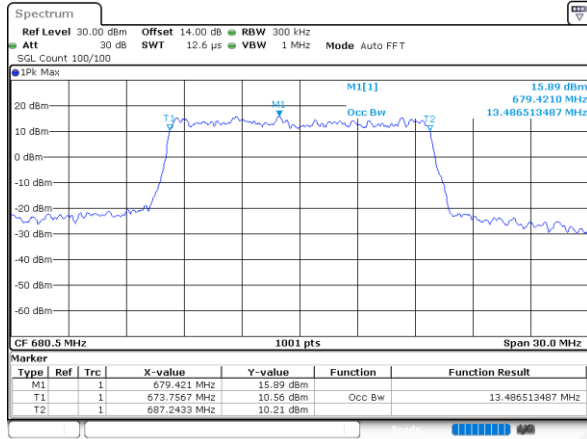
Mode	LTE Band 71 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.53	4.49	8.99	9.07	13.49	13.49	17.94	17.82



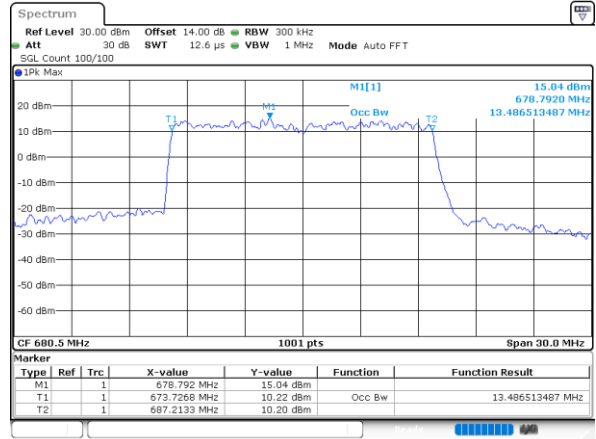


LTE Band 71

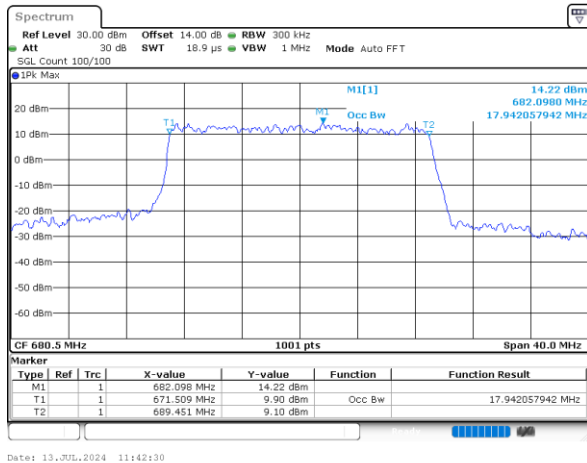
Middle Channel / 15MHz / QPSK



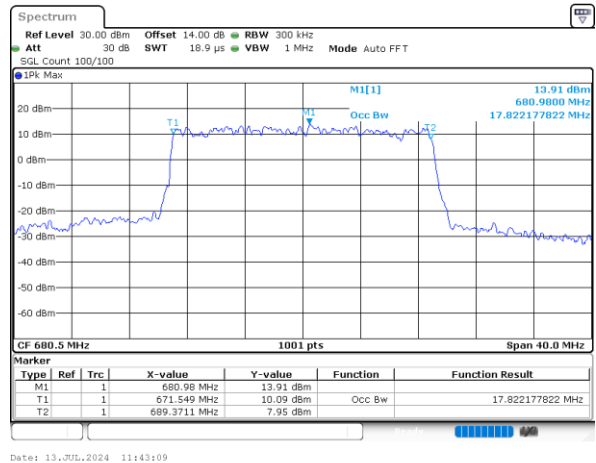
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

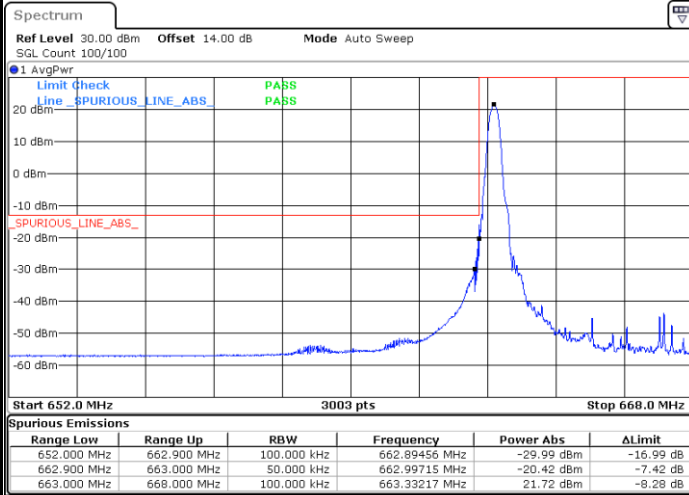




Conducted Band Edge

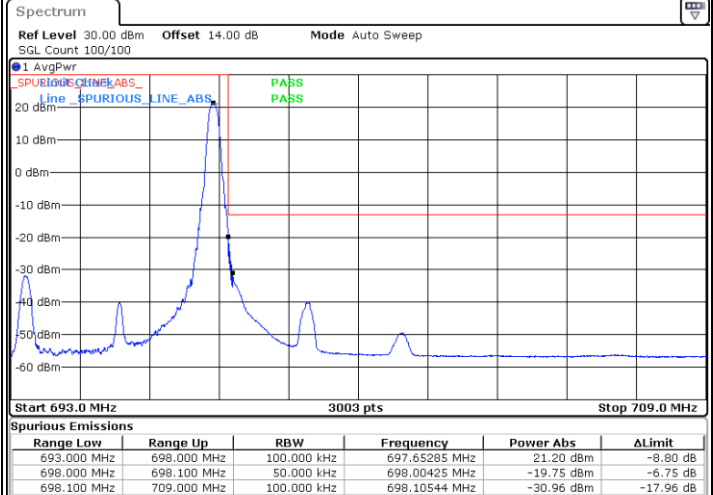
LTE Band 71 / 5MHz / QPSK

Lowest Band Edge / 1 RB



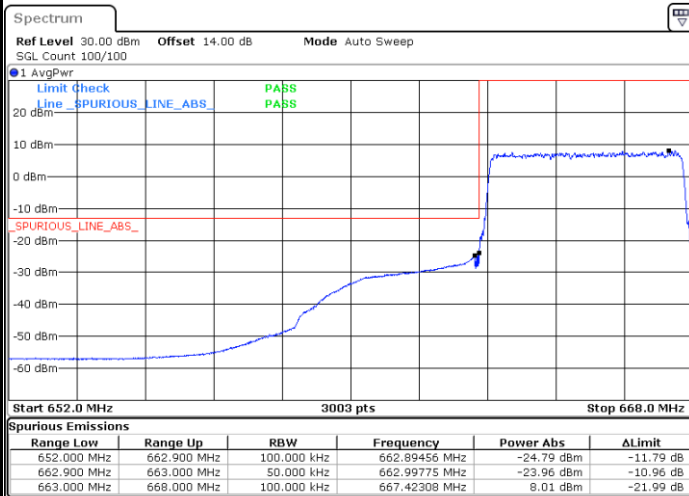
Date: 13.JUL.2024 10:46:27

Highest Band Edge / 1 RB



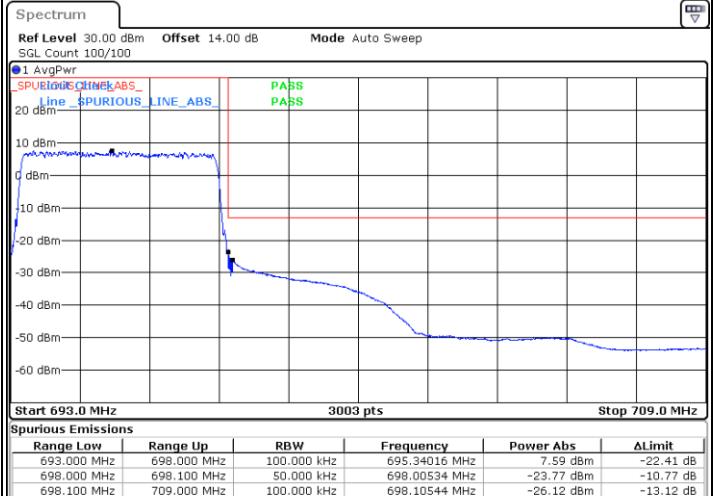
Date: 13.JUL.2024 10:55:26

Lowest Band Edge / Full RB



Date: 13.JUL.2024 10:49:13

Highest Band Edge / Full RB

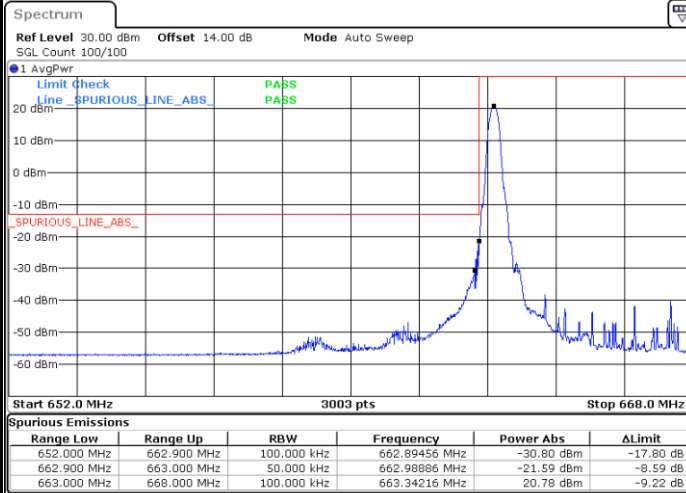


Date: 13.JUL.2024 10:58:12

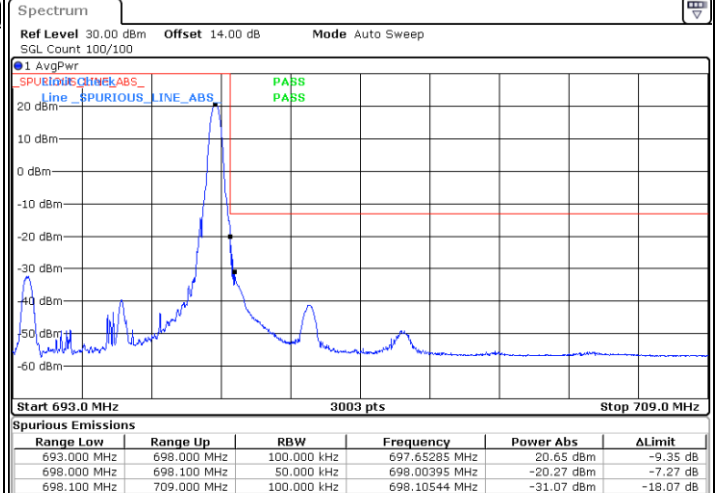


LTE Band 71 / 5MHz / 16QAM

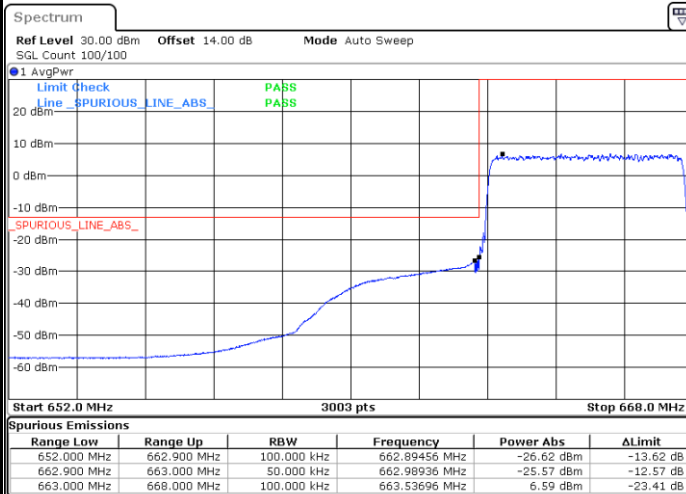
Lowest Band Edge / 1RB



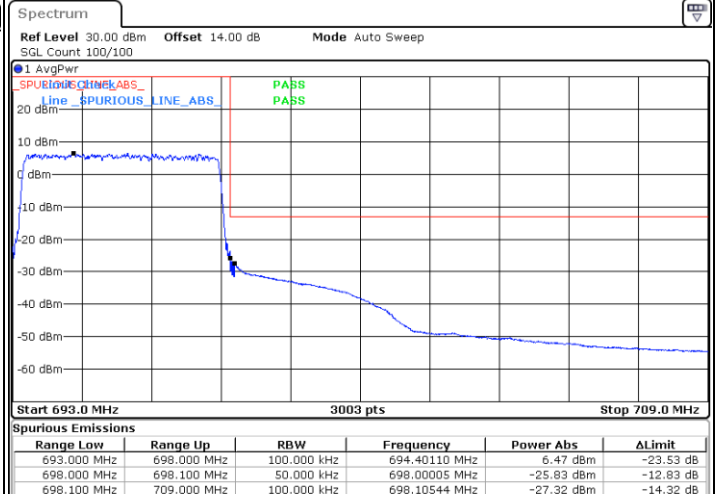
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



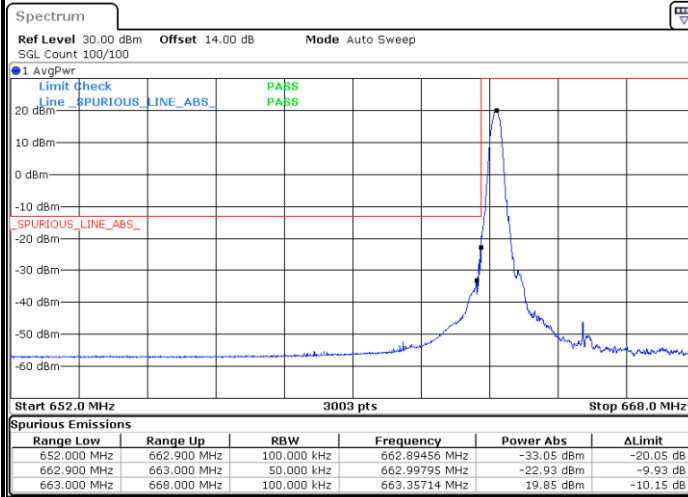
Highest Band Edge / Full RB



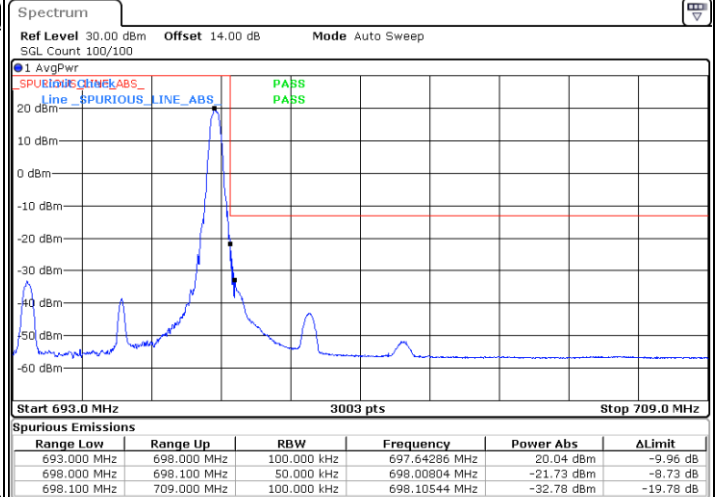


LTE Band 71 / 5MHz / 64QAM

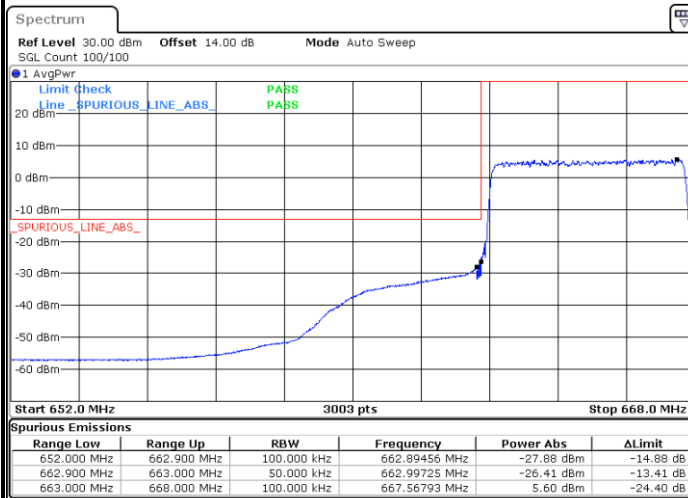
Lowest Band Edge / 1RB



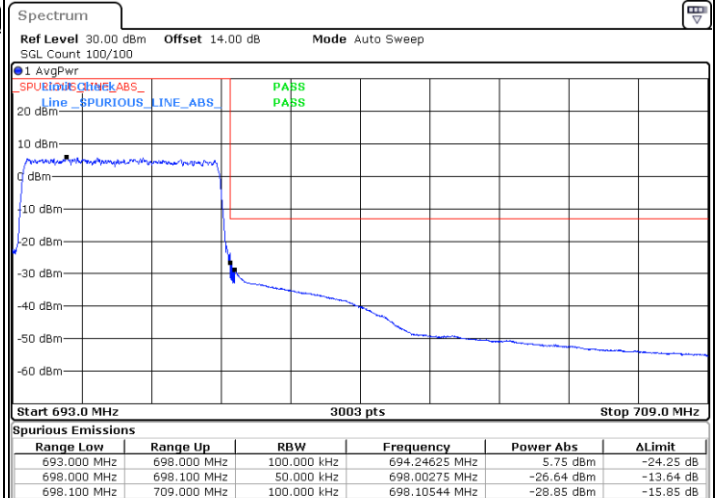
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



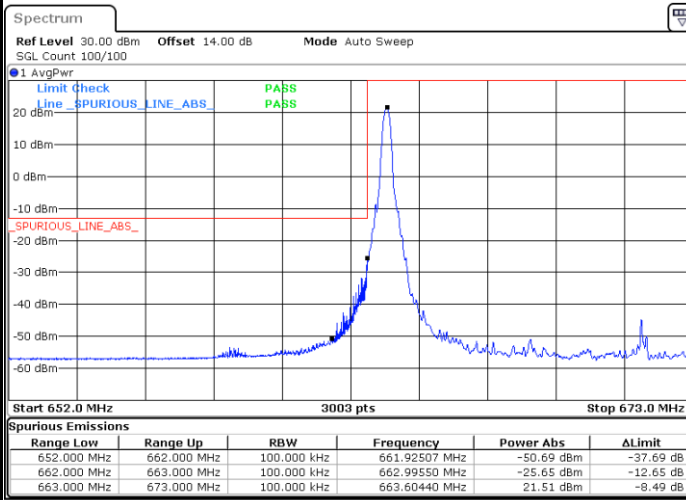
Highest Band Edge / Full RB



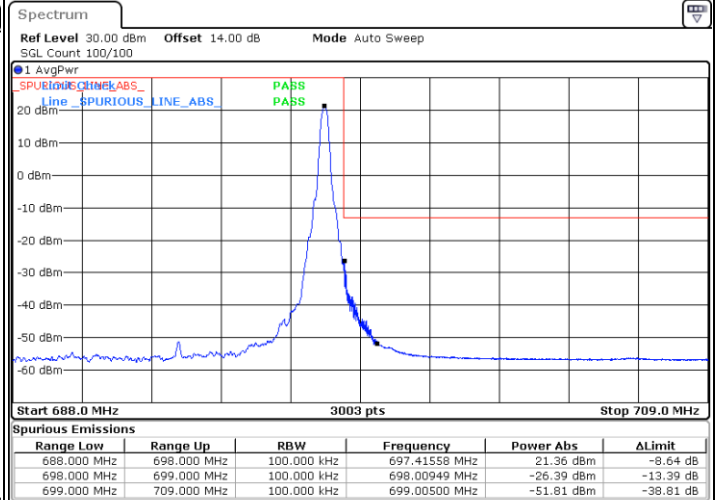


LTE Band 71 / 10MHz / QPSK

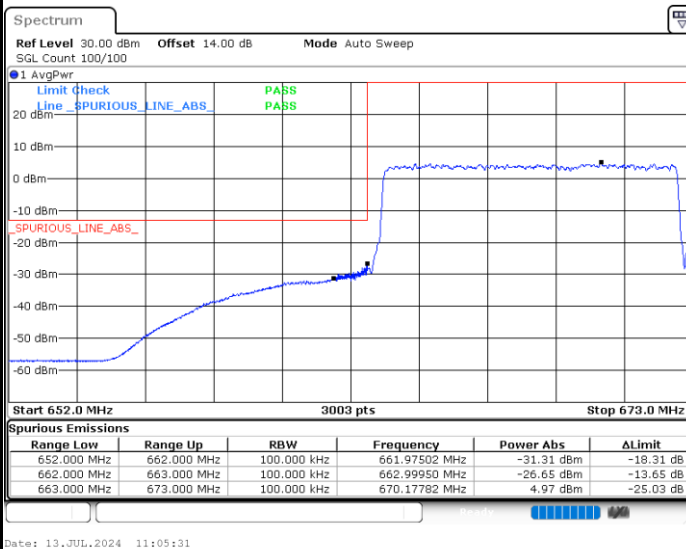
Lowest Band Edge / 1 RB



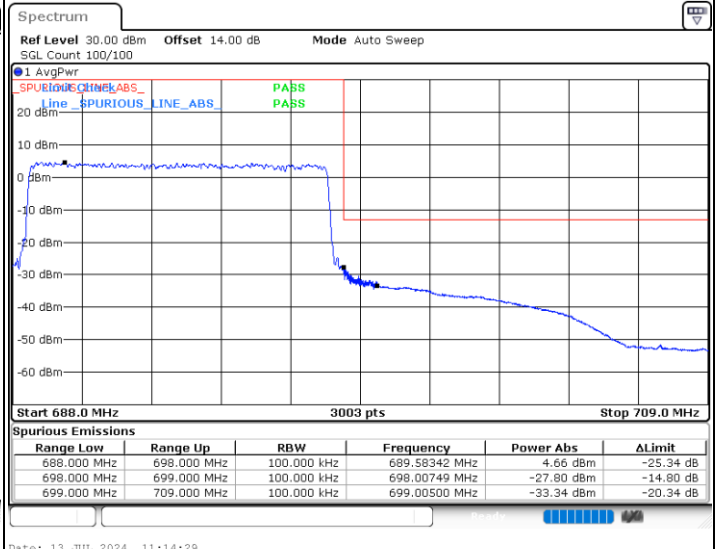
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



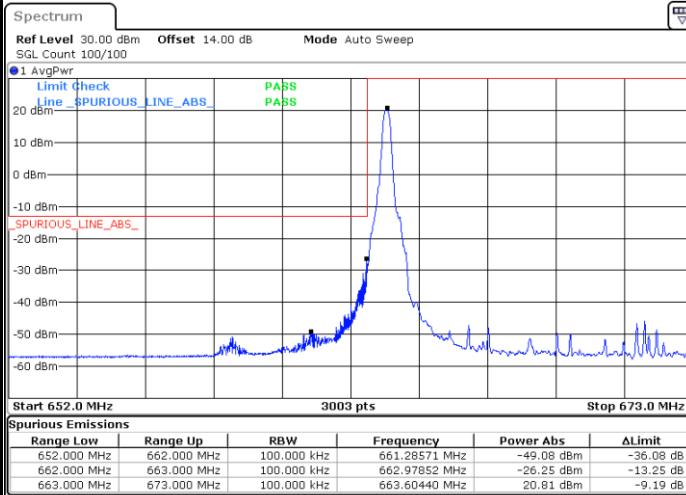
Highest Band Edge / Full RB



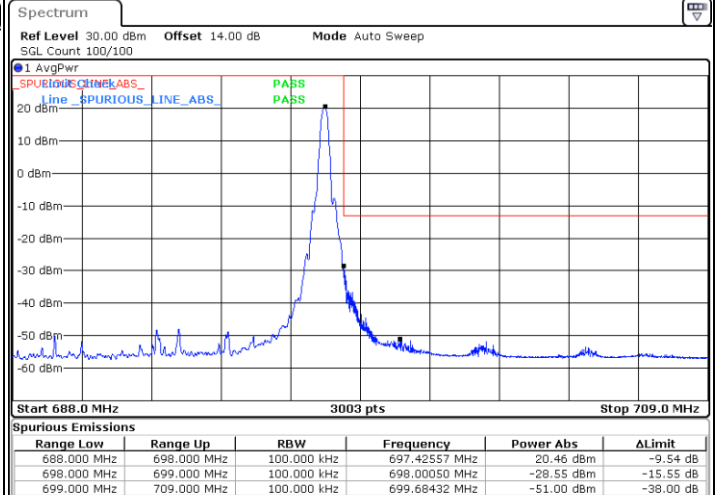


LTE Band 71 / 10MHz / 16QAM

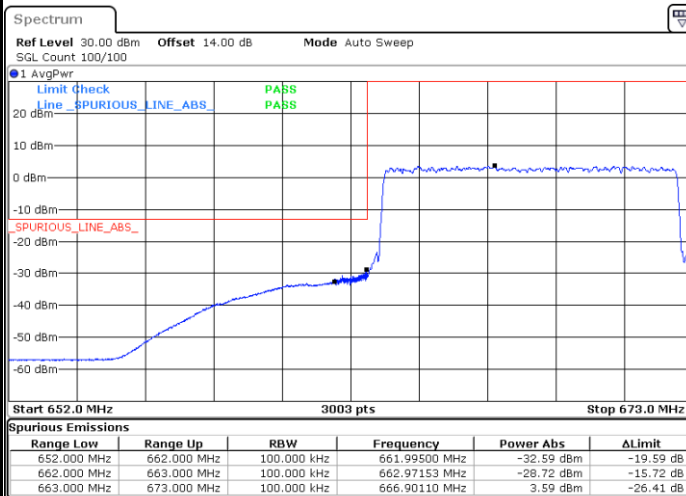
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

