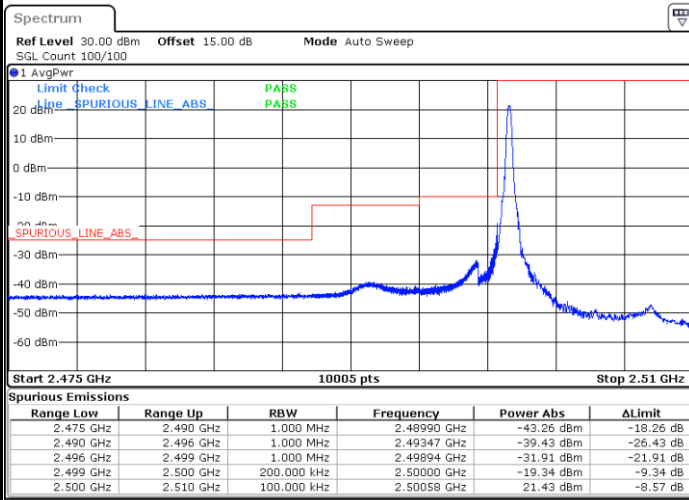


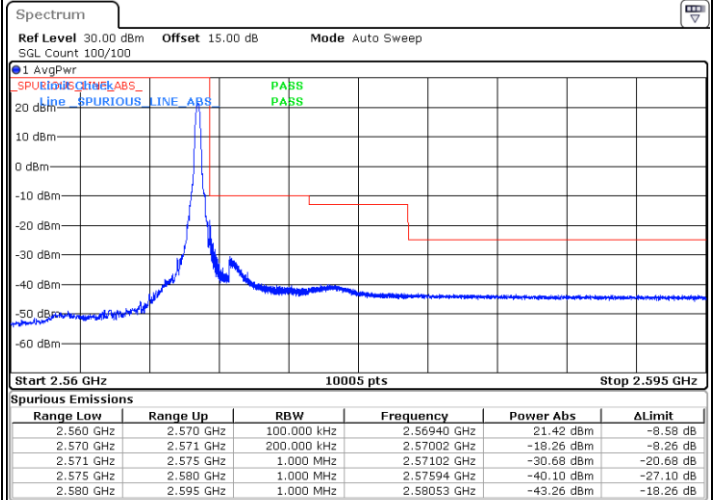


LTE Band 7 / 10MHz / QPSK

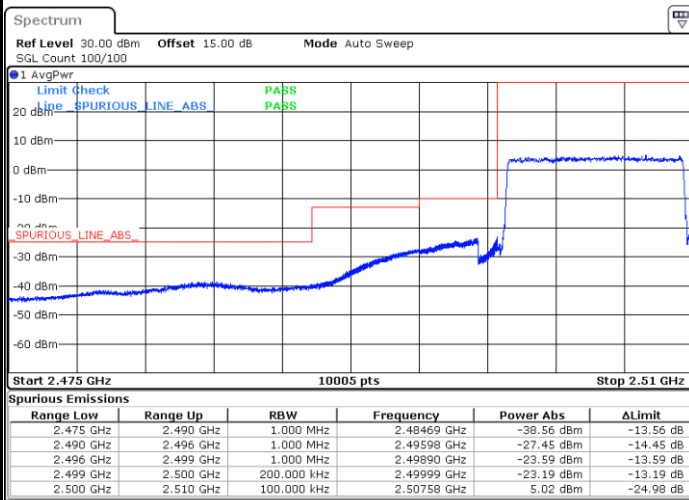
Lowest Band Edge / 1 RB



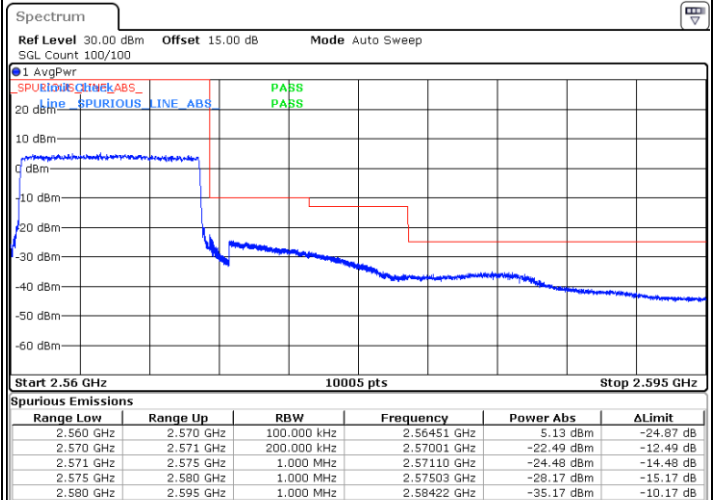
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



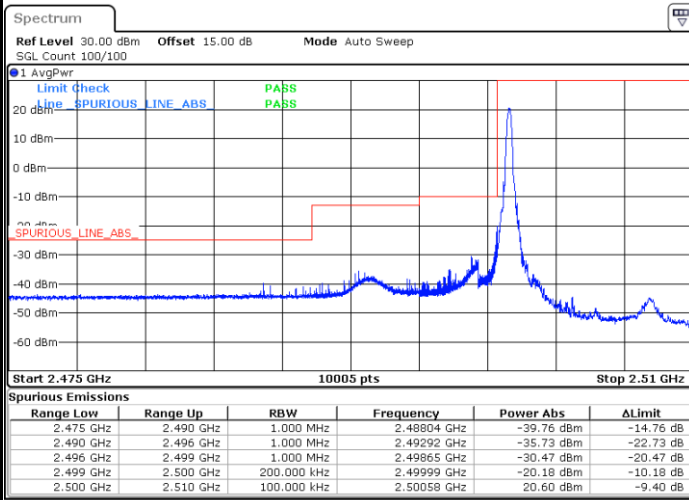
Highest Band Edge / Full RB





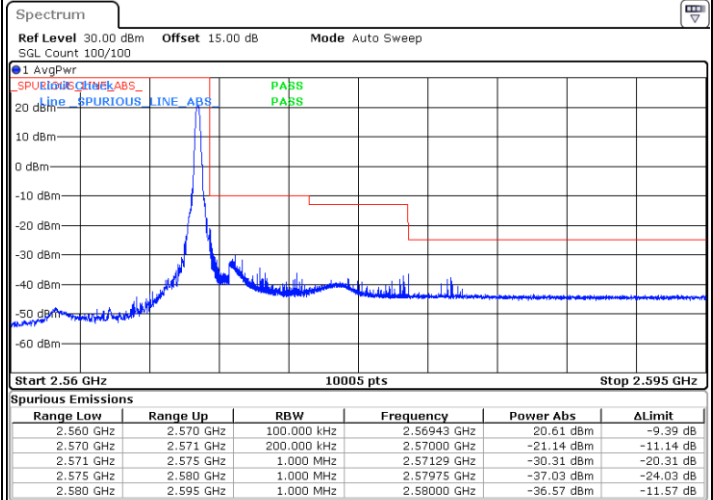
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1RB



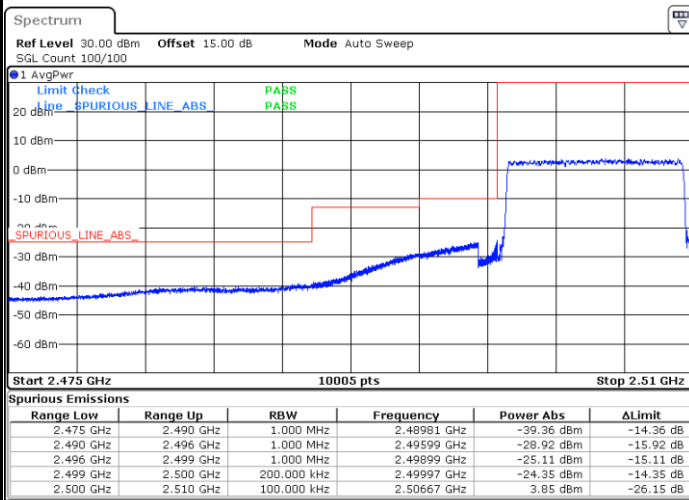
Date: 21 AUG. 2024 17:31:48

Highest Band Edge / 1 RB



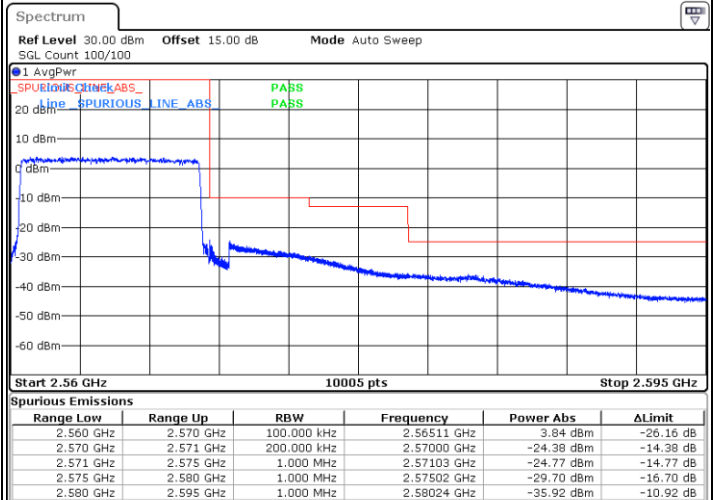
Date: 21 AUG. 2024 17:40:27

Lowest Band Edge / Full RB



Date: 21 AUG. 2024 17:34:22

Highest Band Edge / Full RB

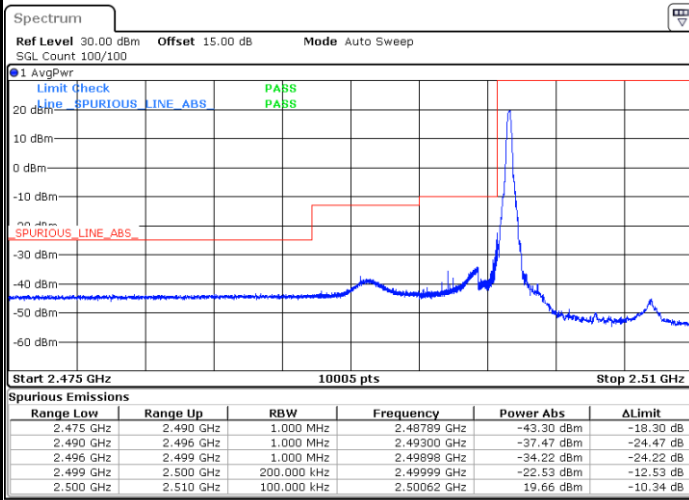


Date: 21 AUG. 2024 17:43:00

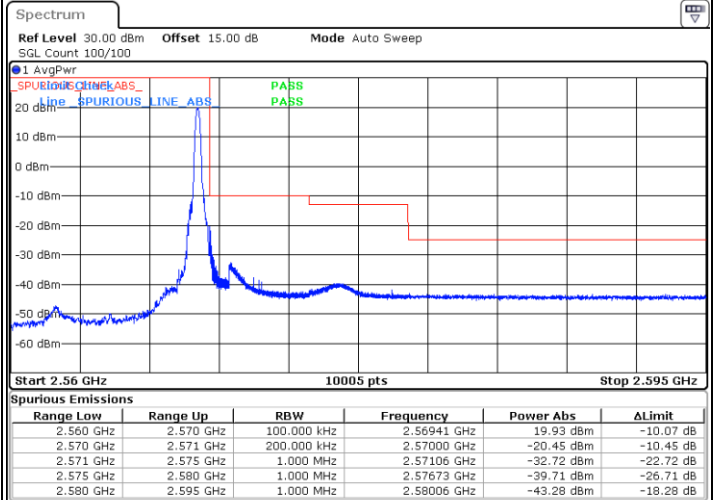


LTE Band 7 / 10MHz / 64QAM

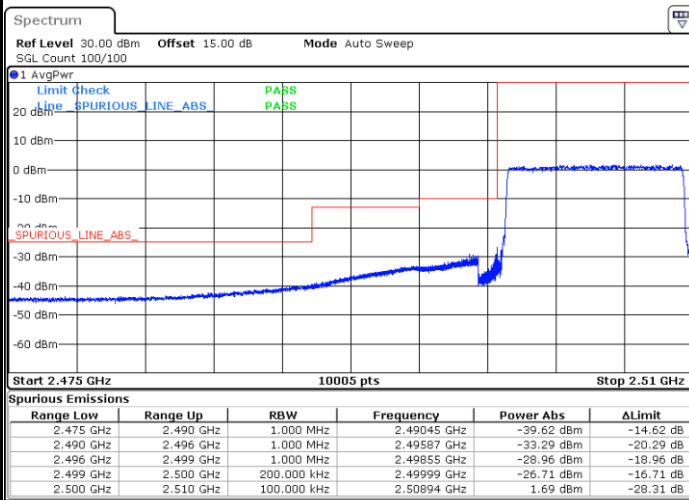
Lowest Band Edge / 1RB



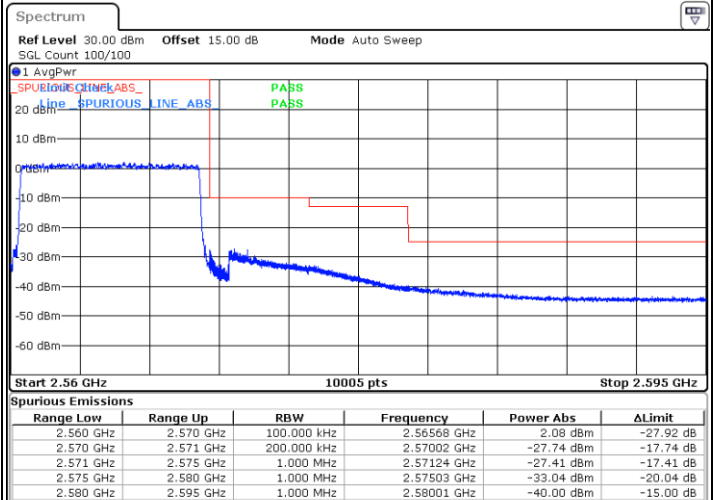
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



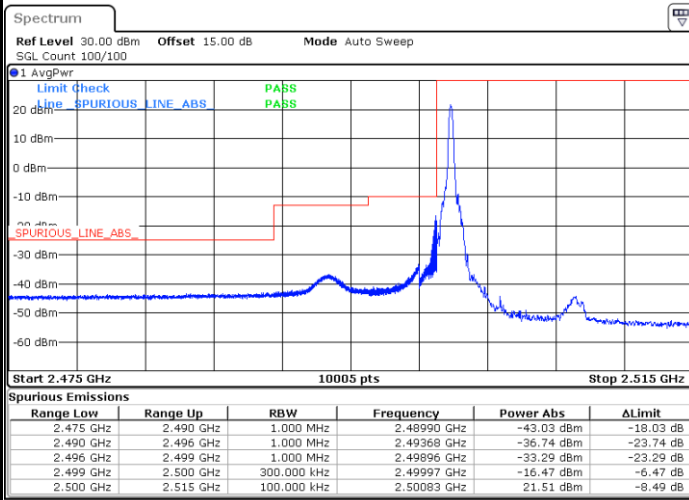
Highest Band Edge / Full RB



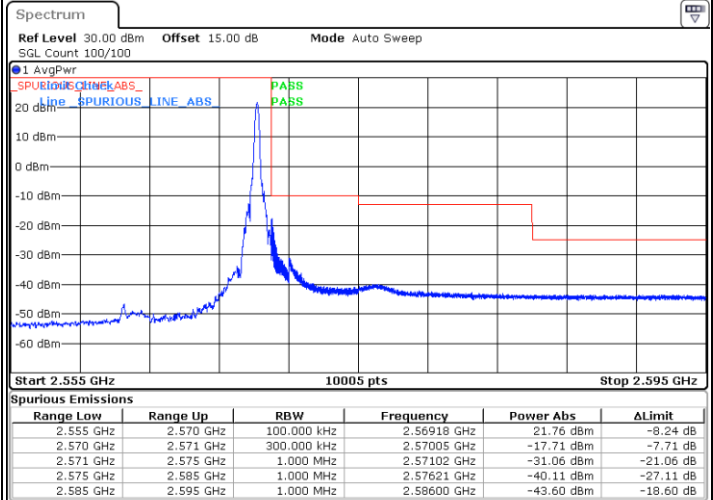


LTE Band 7 / 15MHz / QPSK

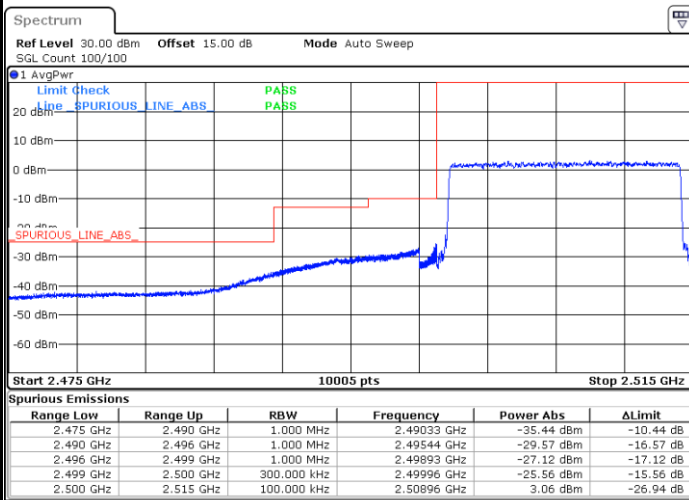
Lowest Band Edge / 1 RB



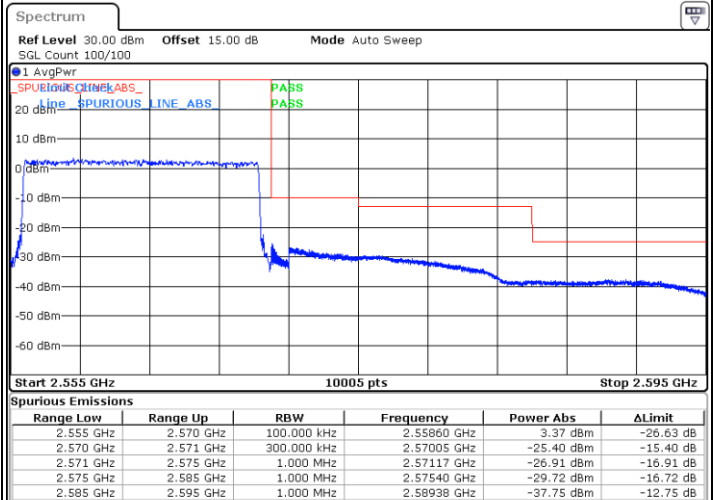
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



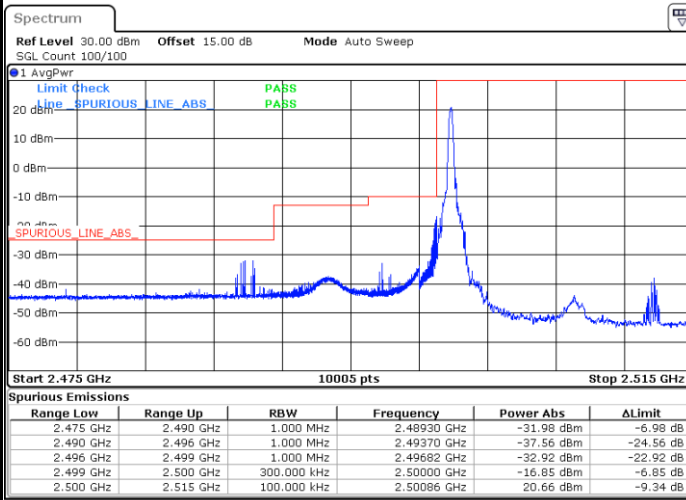
Highest Band Edge / Full RB



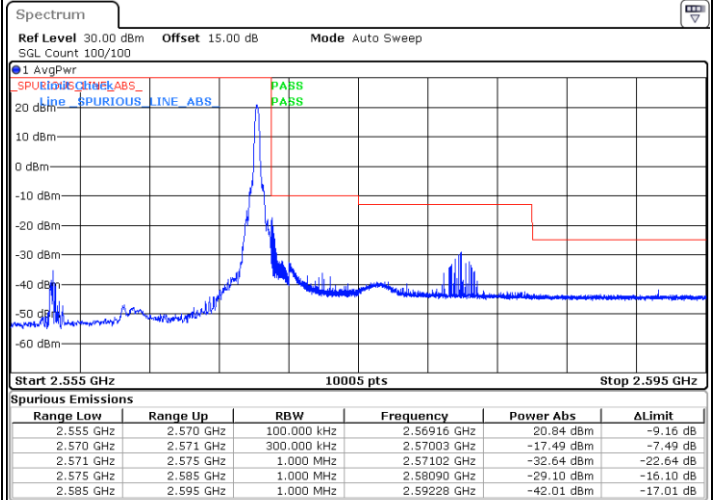


LTE Band 7 / 15MHz / 16QAM

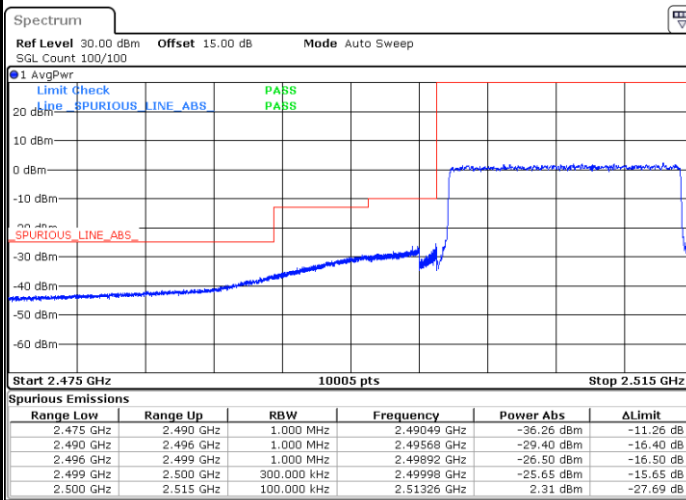
Lowest Band Edge / 1RB



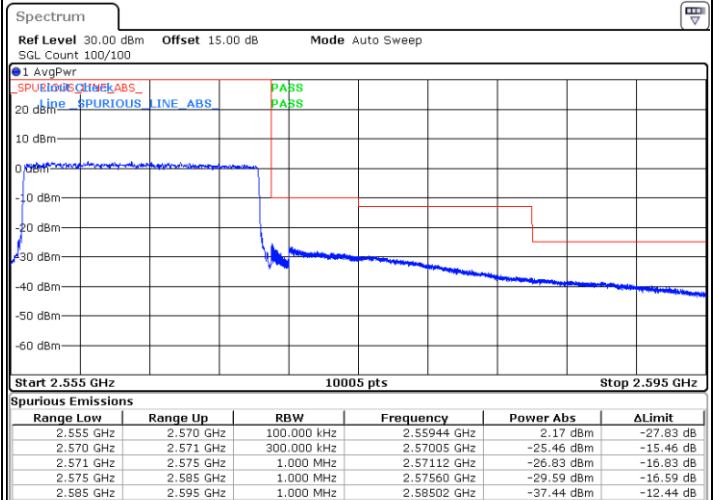
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



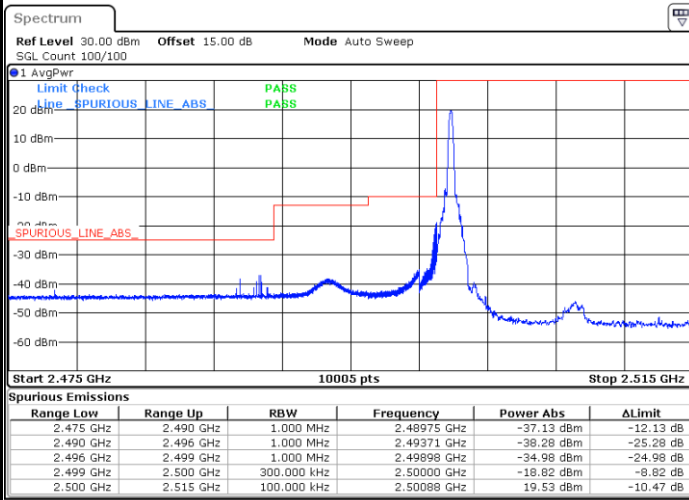
Highest Band Edge / Full RB





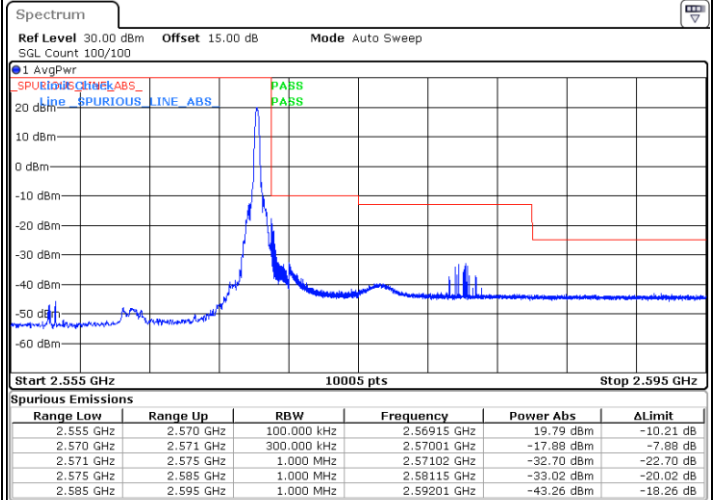
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1RB



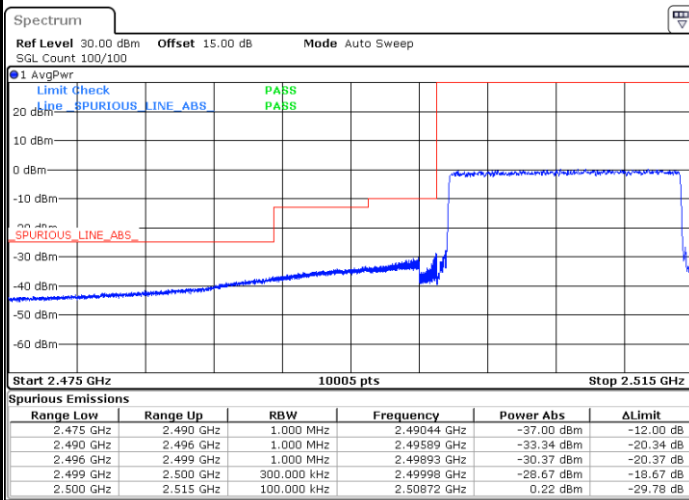
Date: 21 AUG. 2024 17:51:13

Highest Band Edge / 1 RB



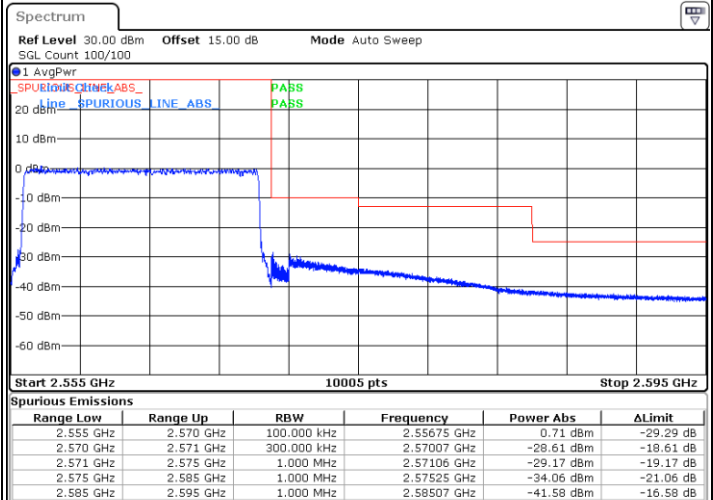
Date: 21 AUG. 2024 17:59:53

Lowest Band Edge / Full RB



Date: 21 AUG. 2024 17:53:50

Highest Band Edge / Full RB

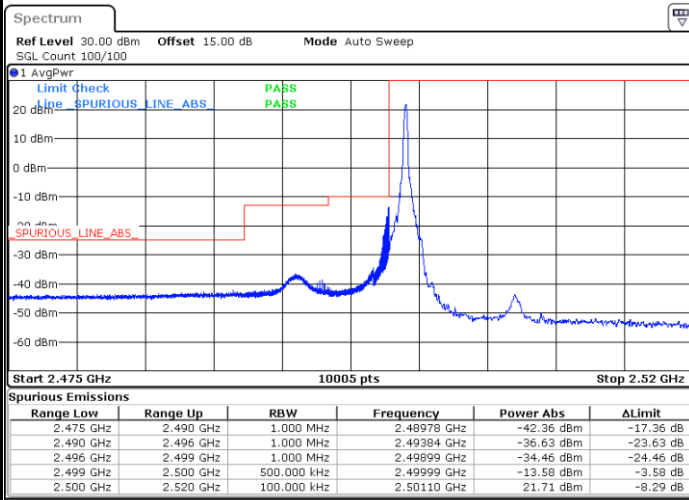


Date: 21 AUG. 2024 18:02:27

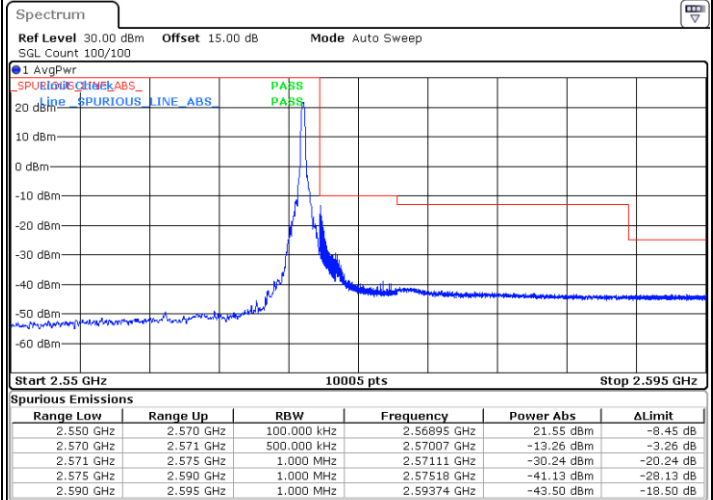


LTE Band 7 / 20MHz / QPSK

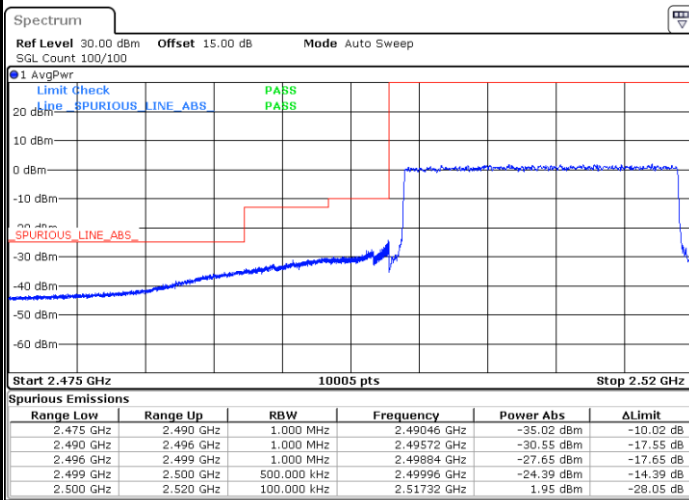
Lowest Band Edge / 1 RB



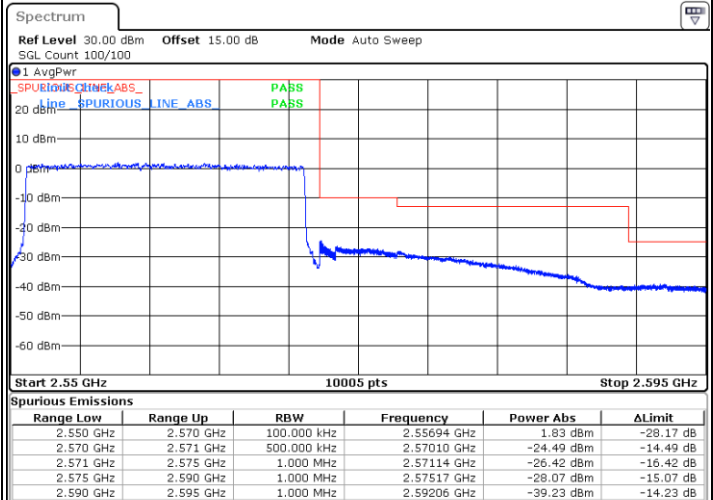
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



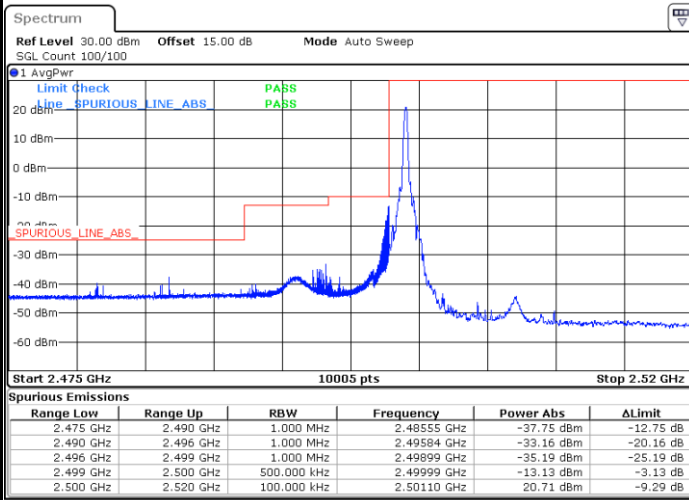
Highest Band Edge / Full RB



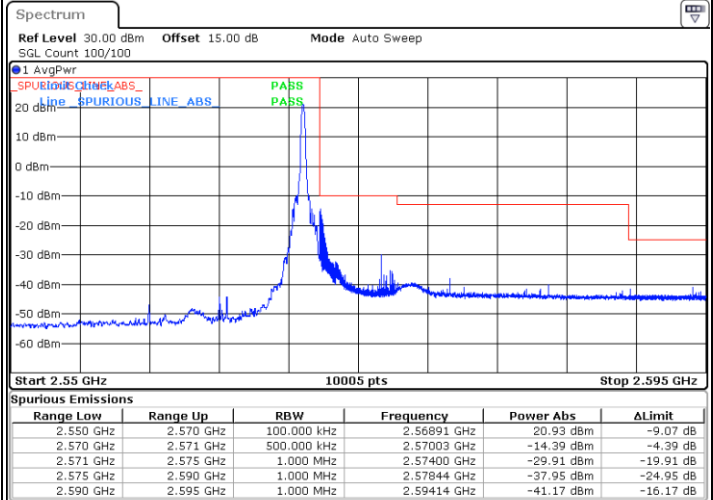


LTE Band 7 / 20MHz / 16QAM

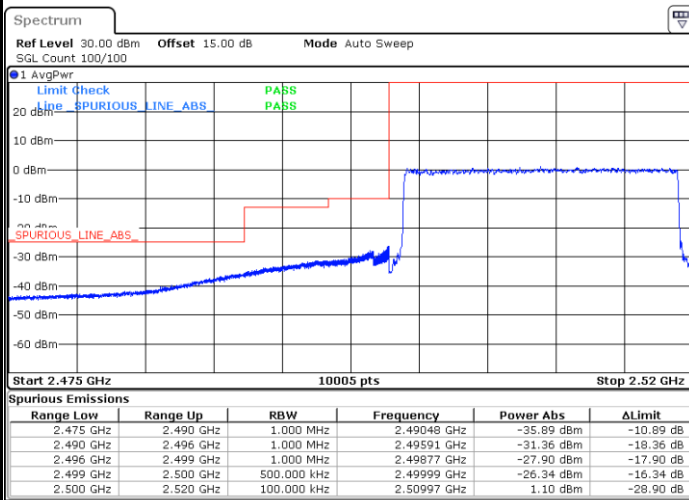
Lowest Band Edge / 1RB



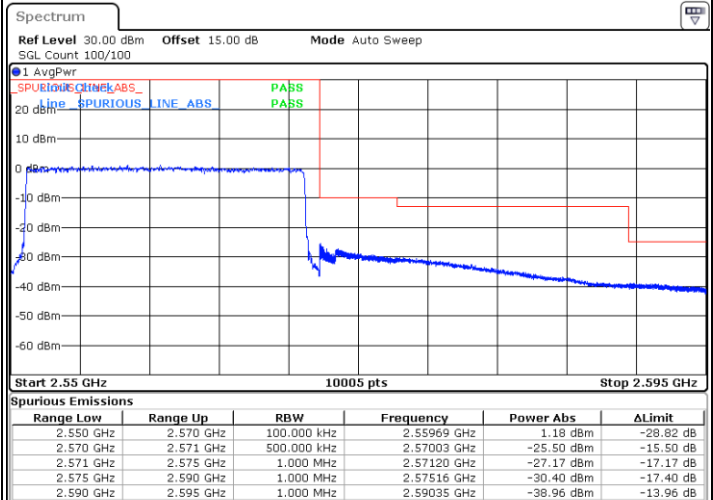
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



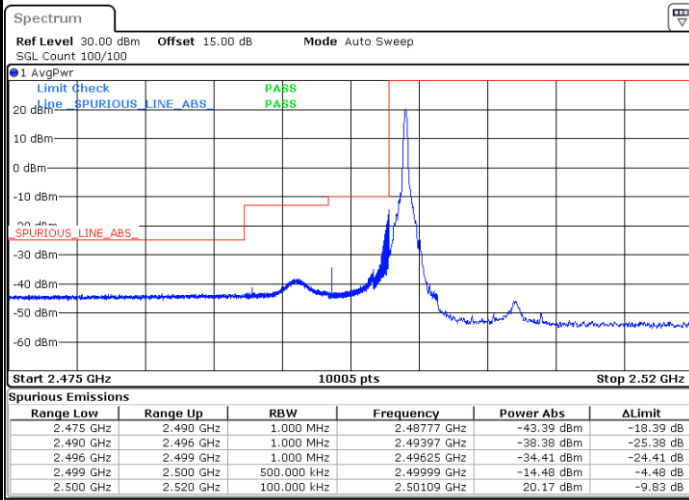
Highest Band Edge / Full RB





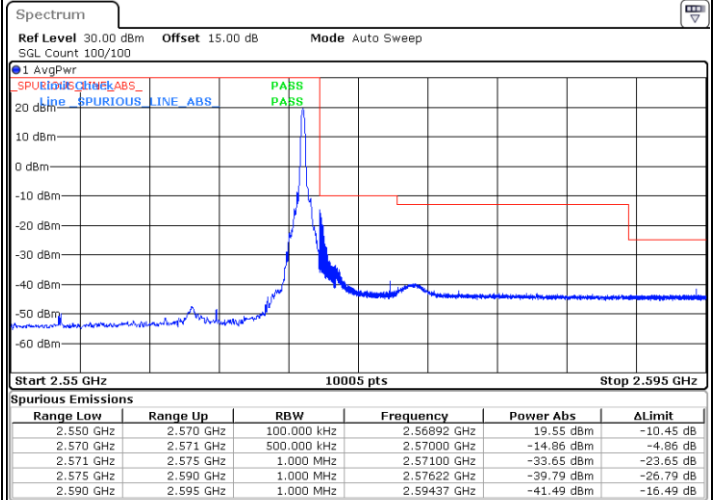
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1RB



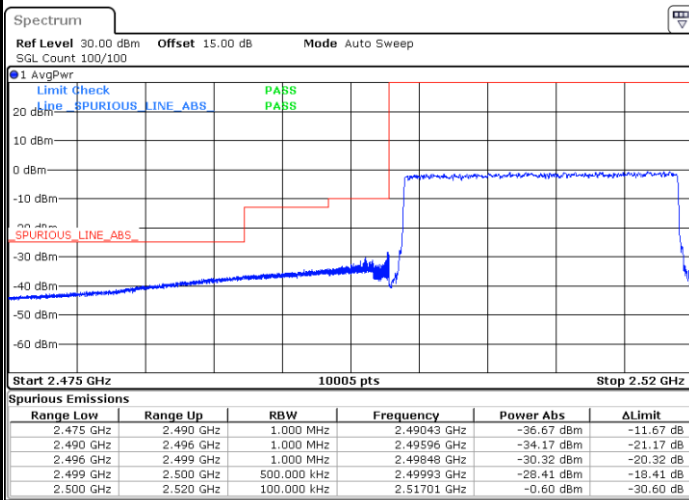
Date: 21 AUG. 2024 18:39:20

Highest Band Edge / 1 RB



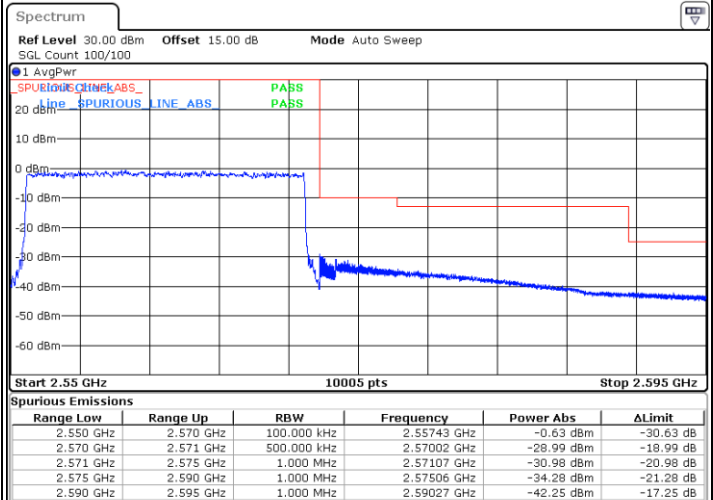
Date: 21 AUG. 2024 18:49:23

Lowest Band Edge / Full RB



Date: 21 AUG. 2024 18:41:55

Highest Band Edge / Full RB



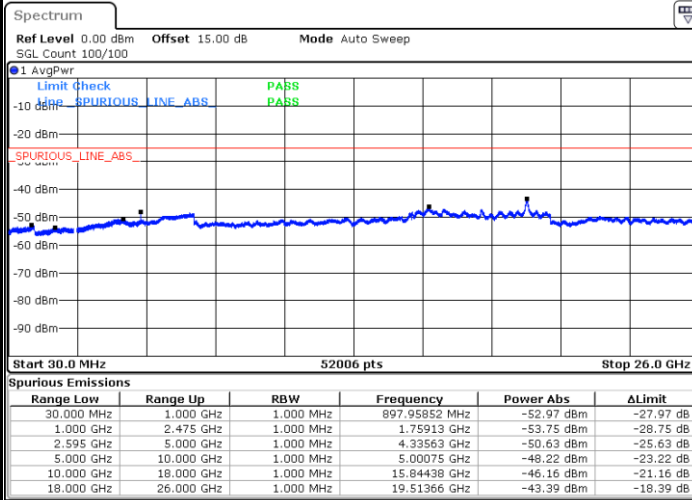
Date: 21 AUG. 2024 18:51:57



Conducted Spurious Emission

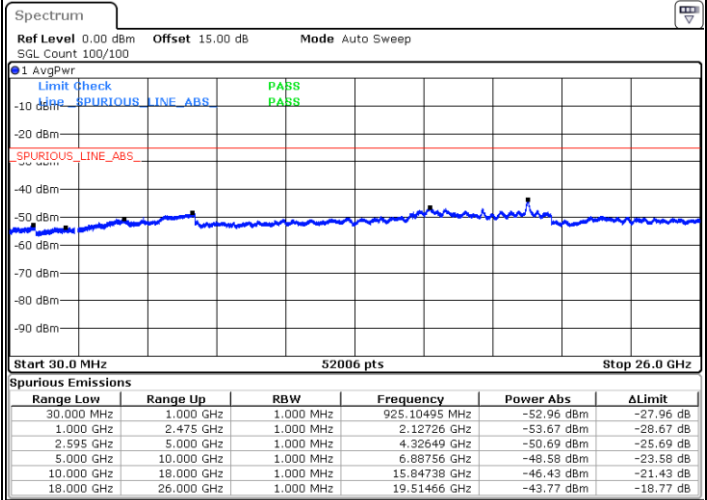
LTE Band 7 / 5MHz

Lowest Channel / QPSK



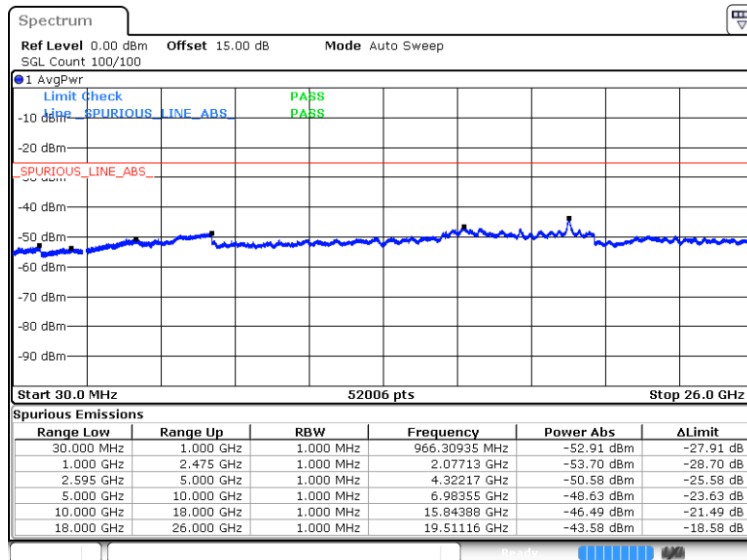
Date: 21 AUG 2024 17:17:07

Middle Channel / QPSK



Date: 21 AUG 2024 17:18:11

Highest Channel / QPSK

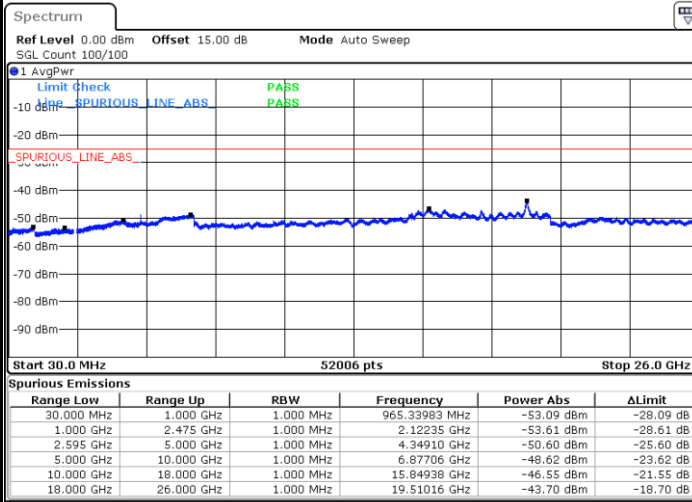


Date: 21 AUG 2024 17:25:45



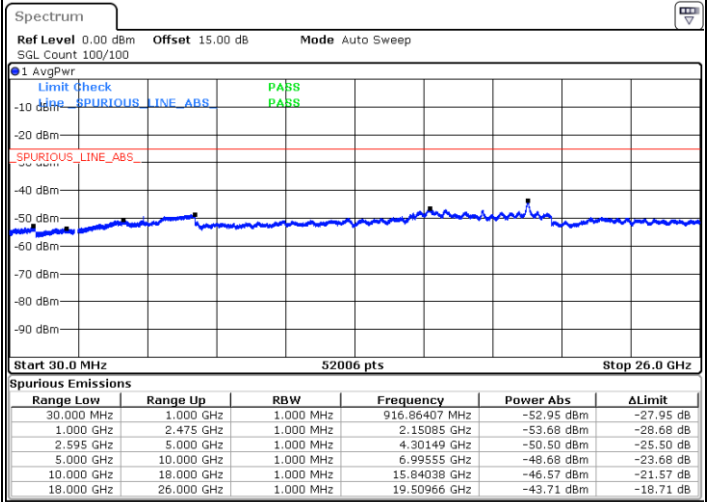
LTE Band 7 / 10MHz

Lowest Channel / QPSK



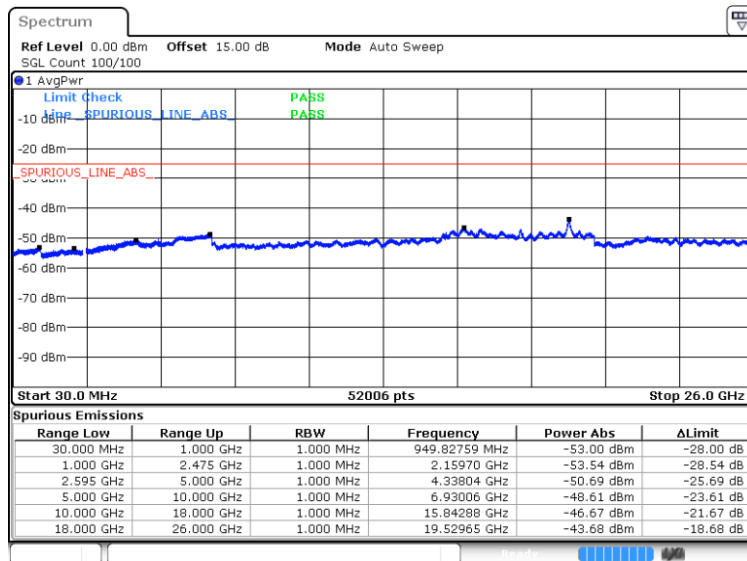
Date: 21 AUG 2024 17:36:19

Middle Channel / QPSK



Date: 21 AUG 2024 17:37:24

Highest Channel / QPSK

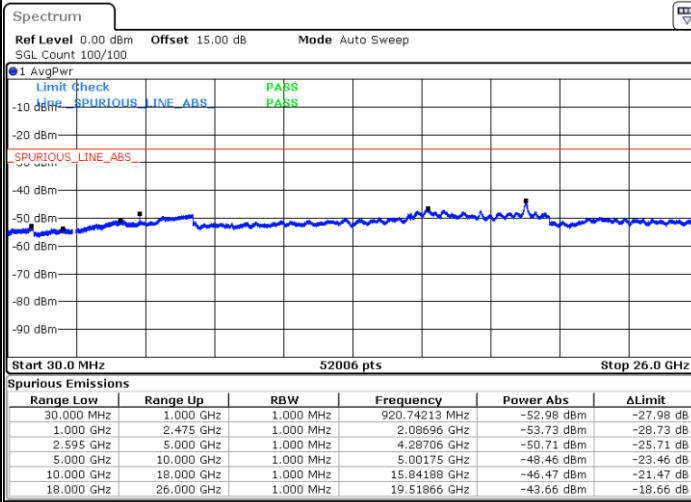


Date: 21 AUG 2024 17:44:57



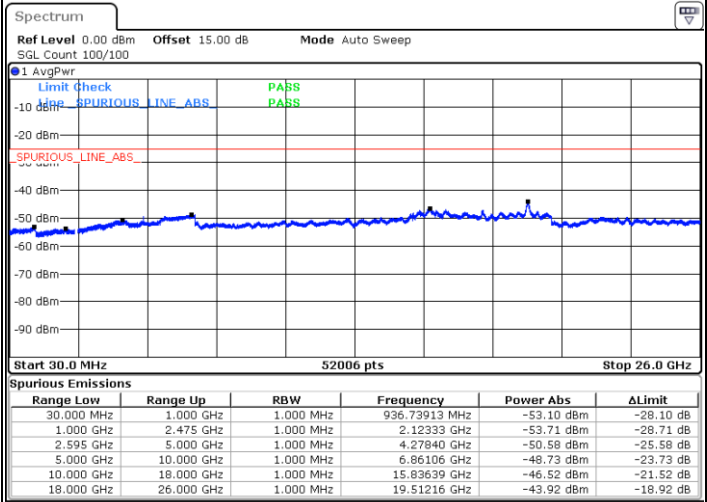
LTE Band 7 / 15MHz

Lowest Channel / QPSK



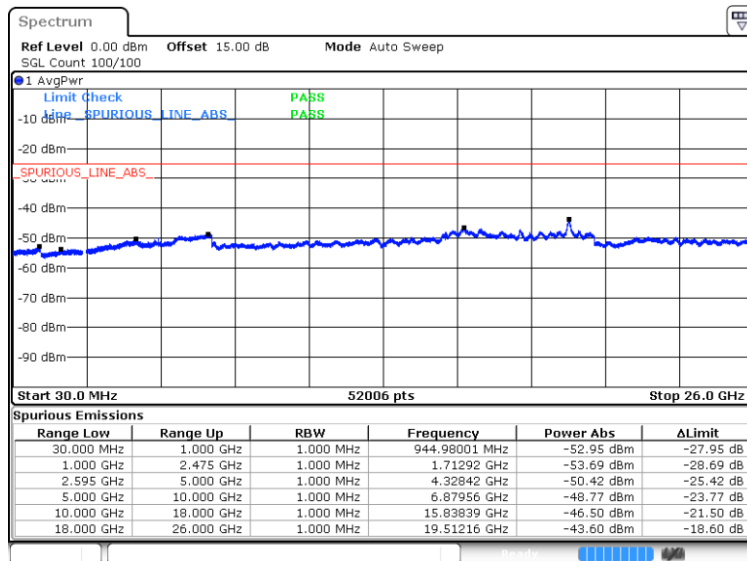
Date: 21 AUG 2024 17:54:55

Middle Channel / QPSK



Date: 21 AUG 2024 17:56:00

Highest Channel / QPSK

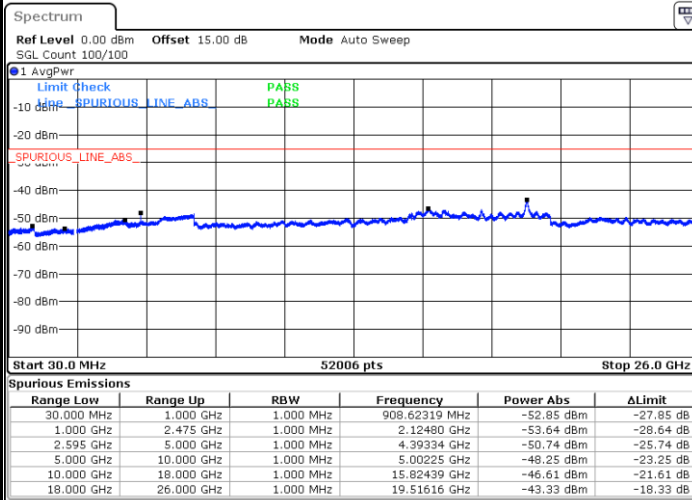


Date: 21 AUG 2024 18:03:32



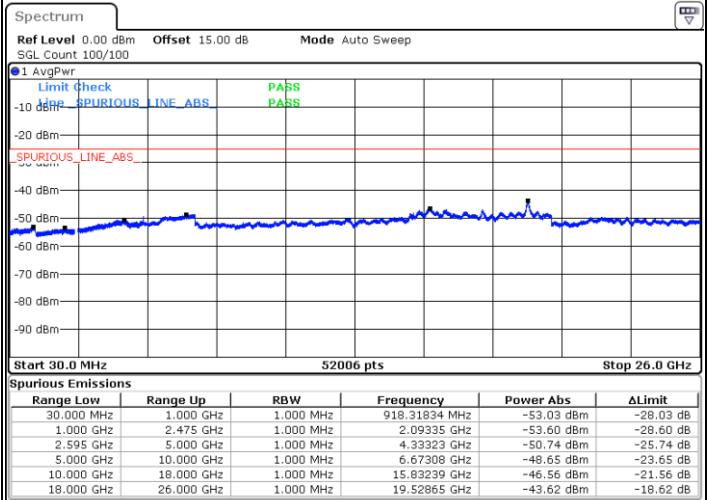
LTE Band 7 / 20MHz

Lowest Channel / QPSK



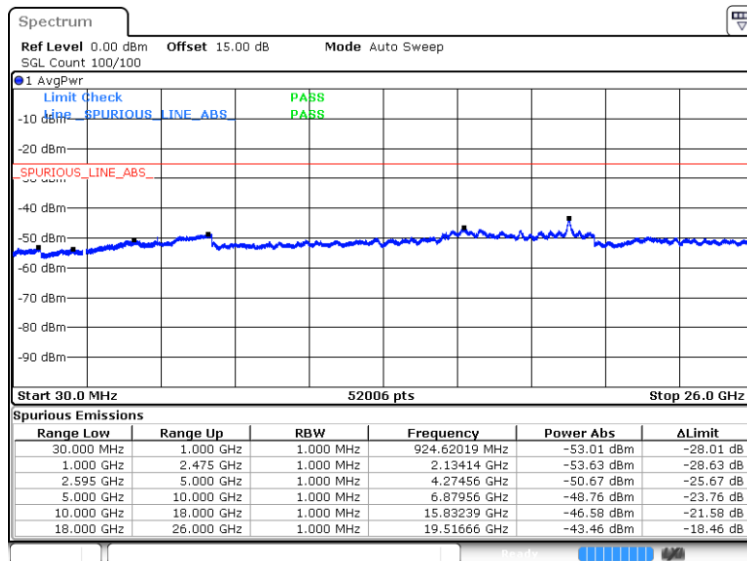
Date: 21 AUG 2024 18:43:00

Middle Channel / QPSK



Date: 21 AUG 2024 18:44:04

Highest Channel / QPSK



Date: 21 AUG 2024 18:53:02

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0001	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0001	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage = 8.0 V. ; Battery End Point (BEP) = 7.2 V. ; Maximum Voltage = 9.0 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41(Other PA)

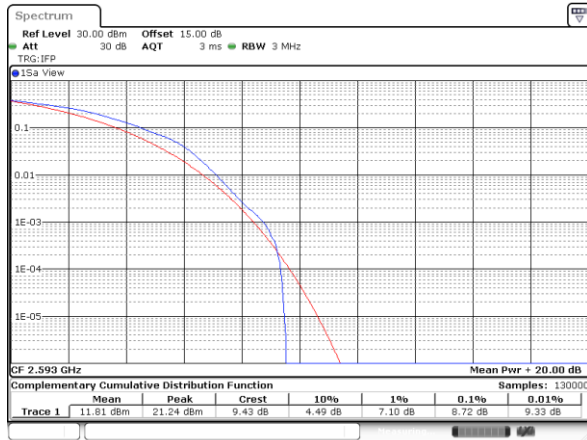
Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	8.72	9.01	9.01	PASS



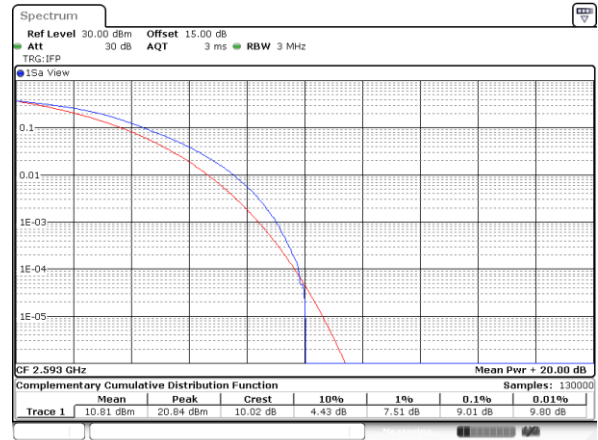
LTE Band 41 / 20MHz / QPSK

Middle Channel / Full RB



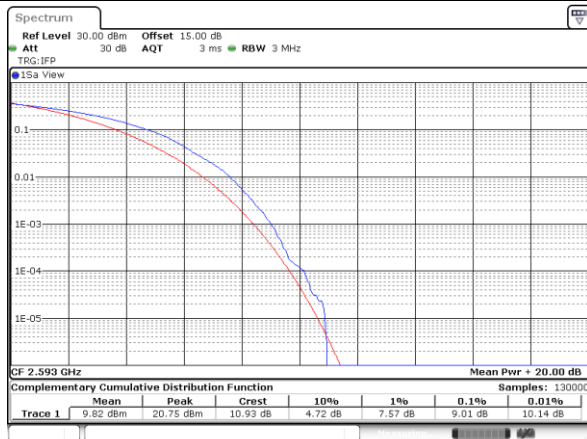
LTE Band 41 / 20MHz / 16QAM

Middle Channel / Full RB



LTE Band 41 / 20MHz / 64QAM

Middle Channel / Full RB





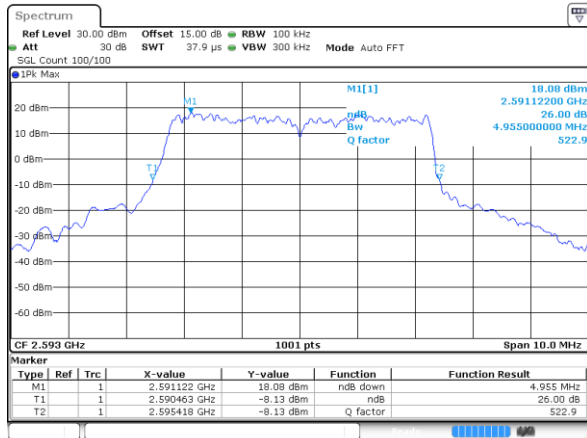
26dB Bandwidth

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	-	-	-	-	4.96	5.04	9.97	9.89	14.36	14.24	18.78	19.50



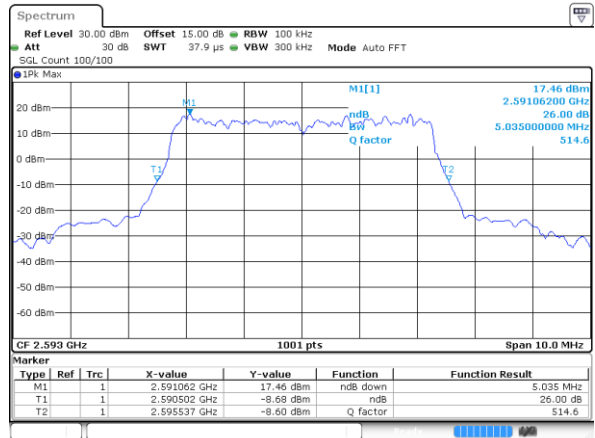
LTE Band 41

Middle Channel / 5MHz / QPSK



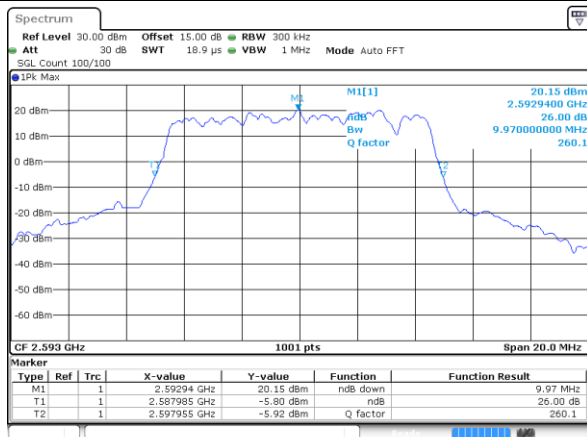
Date: 21 AUG 2024 19:02:52

Middle Channel / 5MHz / 16QAM



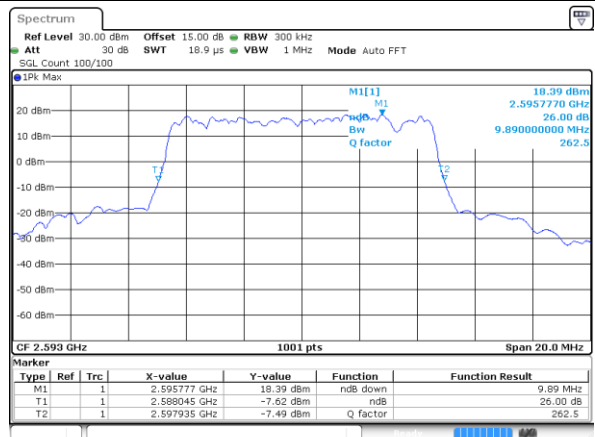
Date: 21 AUG 2024 19:03:32

Middle Channel / 10MHz / QPSK



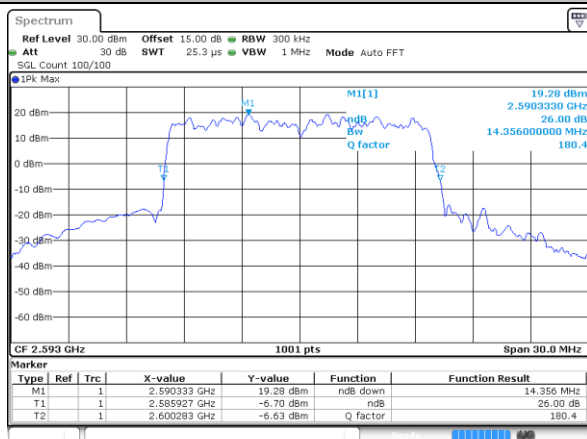
Date: 21 AUG 2024 19:39:45

Middle Channel / 10MHz / 16QAM



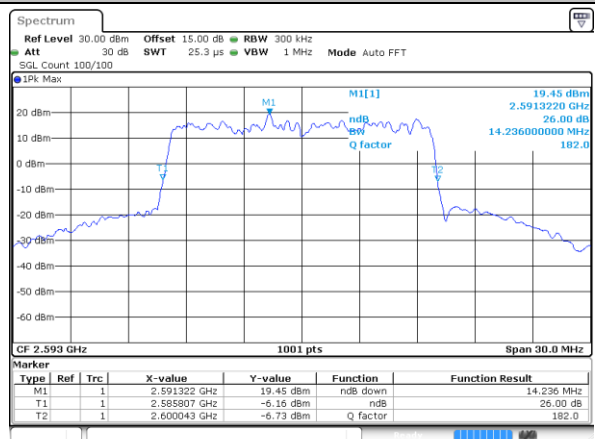
Date: 21 AUG 2024 19:40:25

Middle Channel / 15MHz / QPSK



Date: 21 AUG 2024 20:07:34

Middle Channel / 15MHz / 16QAM

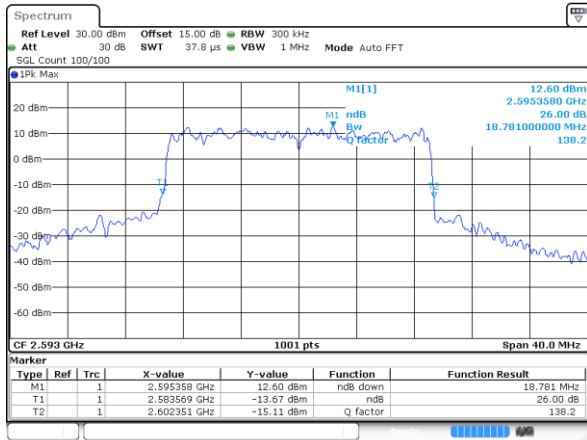


Date: 21 AUG 2024 20:08:14

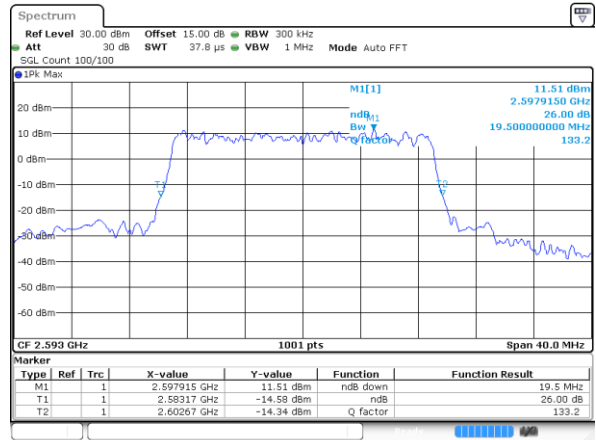


LTE Band 41

Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM





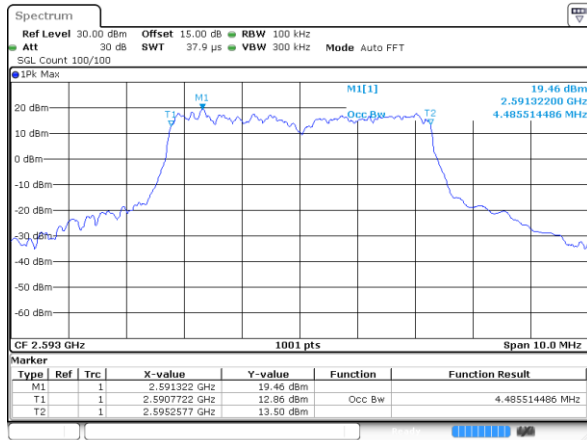
Occupied Bandwidth

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	-	-	-	-	4.49	4.50	9.09	8.99	13.52	13.40	17.82	18.02

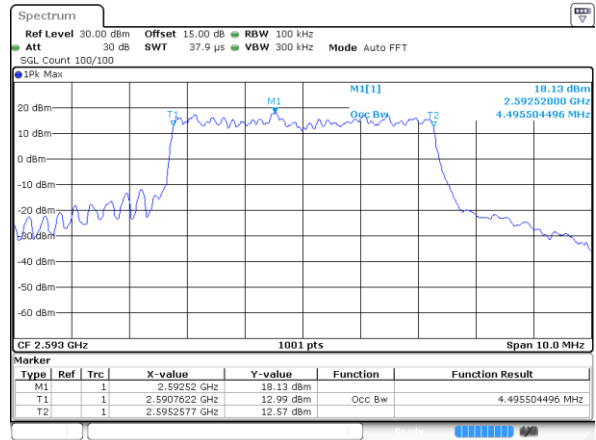


LTE Band 41

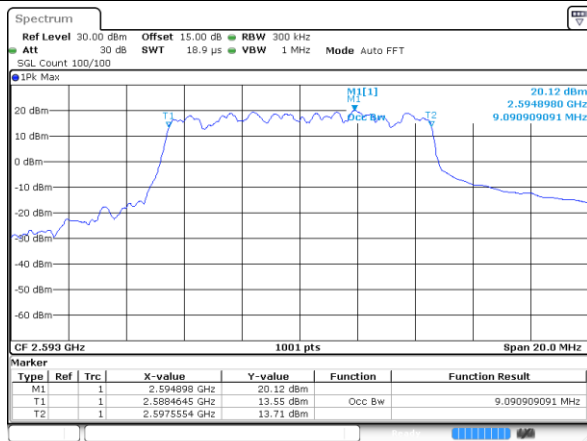
Middle Channel / 5MHz / QPSK



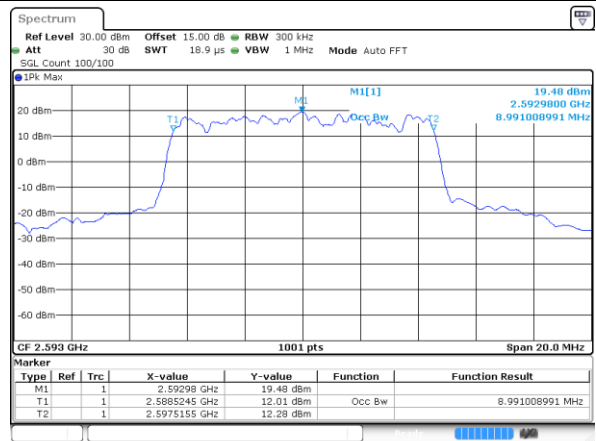
Middle Channel / 5MHz / 16QAM



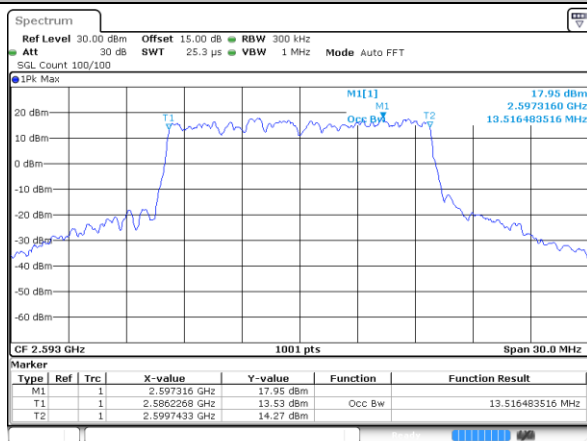
Middle Channel / 10MHz / QPSK



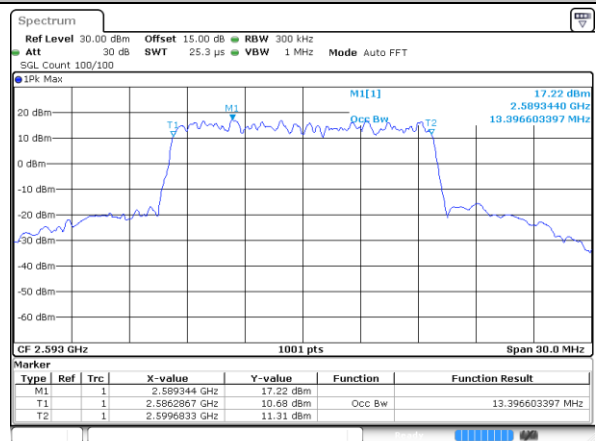
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



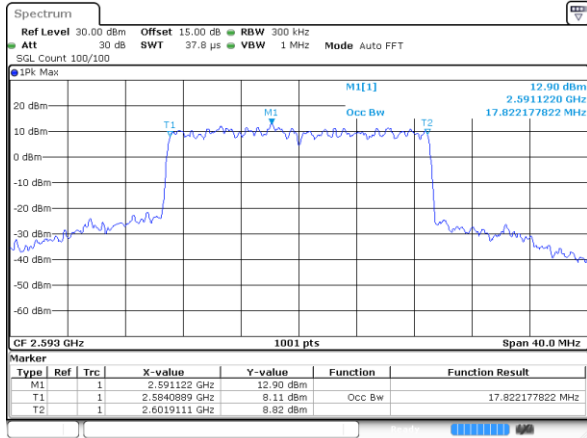
Middle Channel / 15MHz / 16QAM





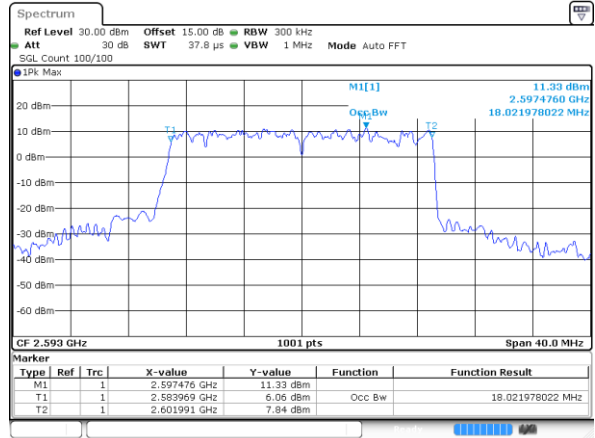
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 21 AUG 2024 20:46:53

Middle Channel / 20MHz / 16QAM



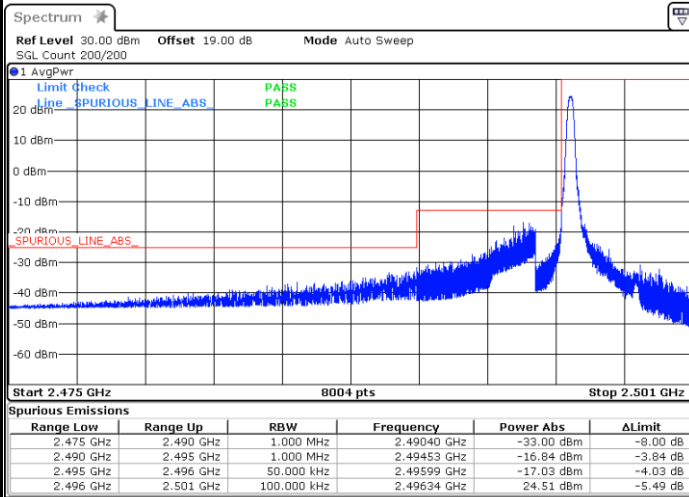
Date: 21 AUG 2024 20:47:32



Conducted Band Edge

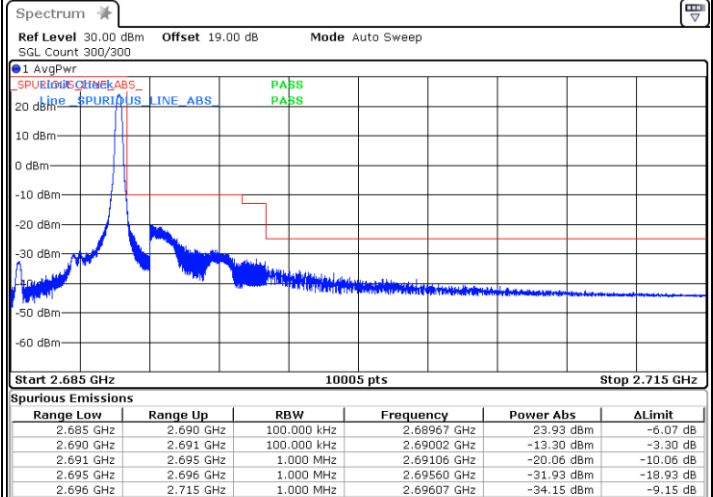
LTE Band 41 / 5MHz / QPSK

Lowest Band Edge / 1 RB



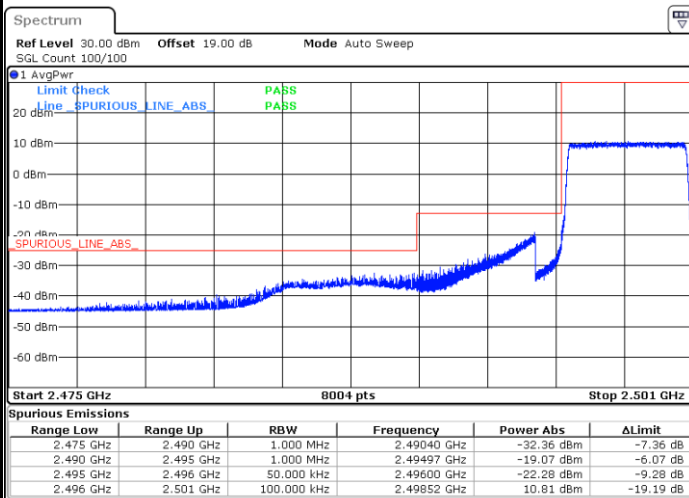
Date: 21 AUG 2024 19:16:48

Highest Band Edge / 1 RB



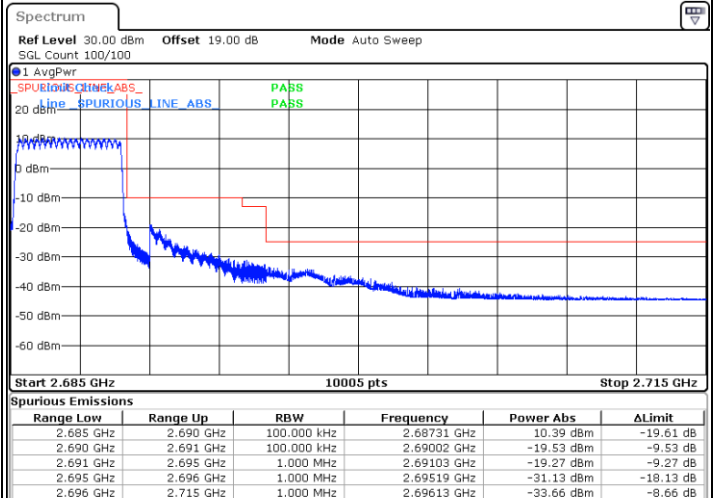
Date: 21 AUG 2024 19:22:16

Lowest Band Edge / Full RB



Date: 21 AUG 2024 19:00:00

Highest Band Edge / Full RB

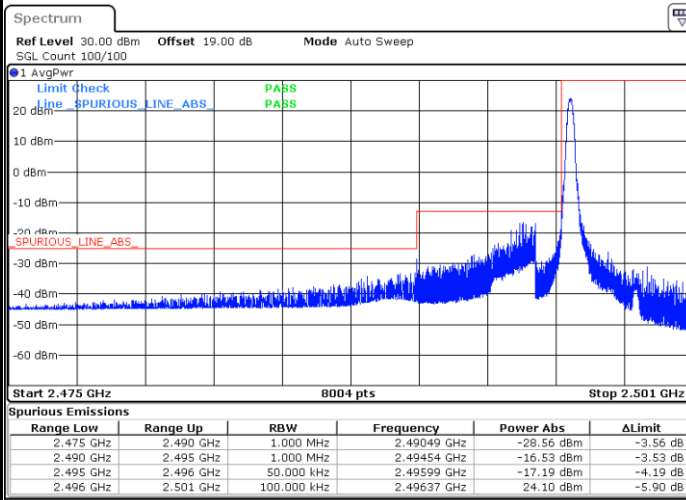


Date: 21 AUG 2024 19:26:47

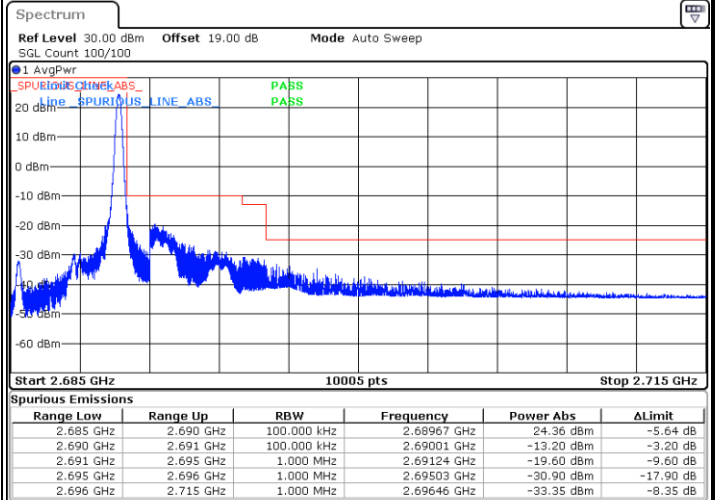


LTE Band 41 / 5MHz / 16QAM

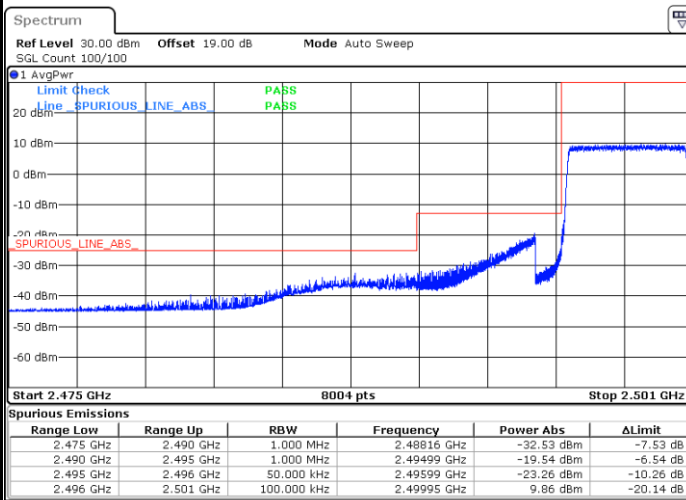
Lowest Band Edge / 1RB



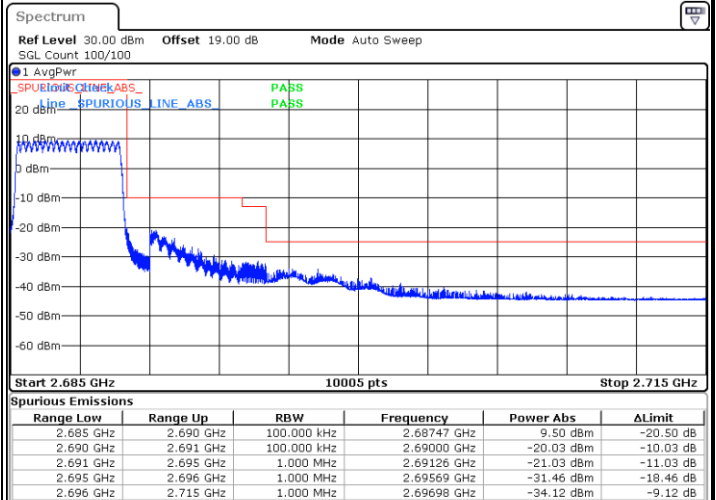
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



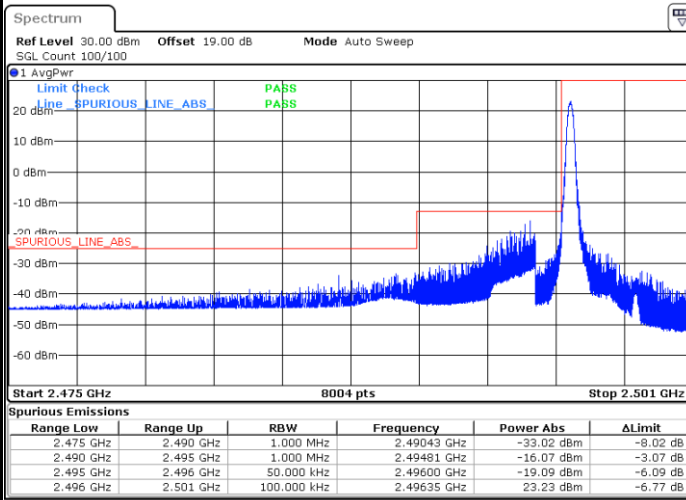
Highest Band Edge / Full RB





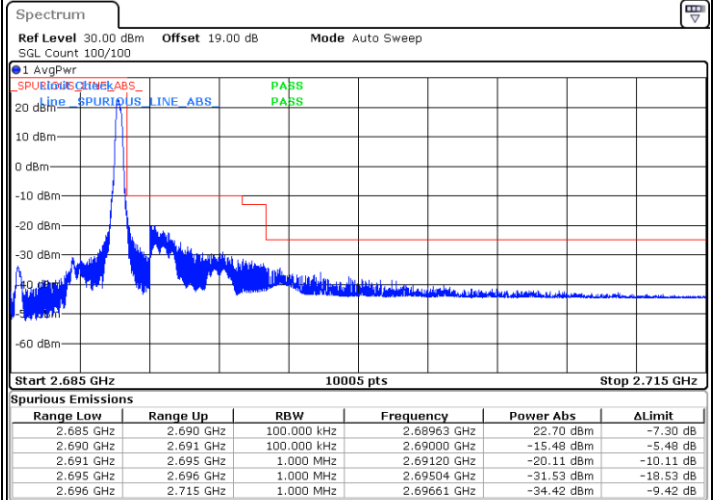
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



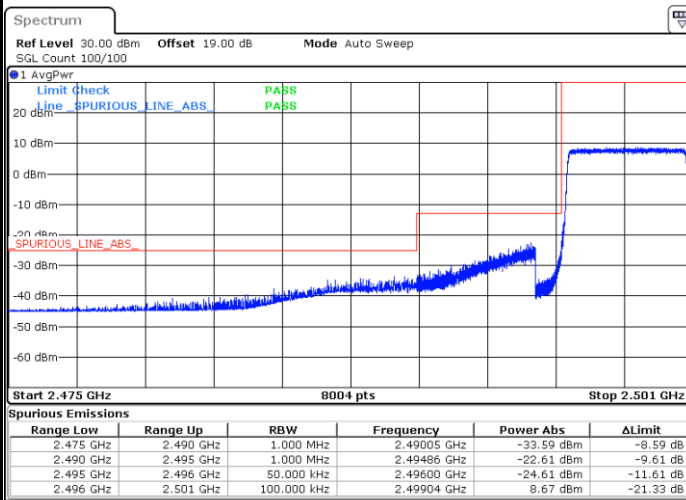
Date: 21 AUG. 2024 18:57:23

Highest Band Edge / 1 RB



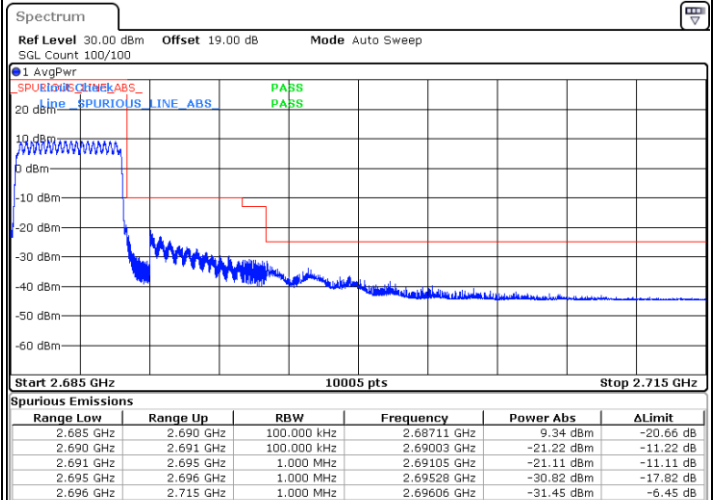
Date: 21 AUG. 2024 19:19:24

Lowest Band Edge / Full RB



Date: 21 AUG. 2024 18:58:15

Highest Band Edge / Full RB

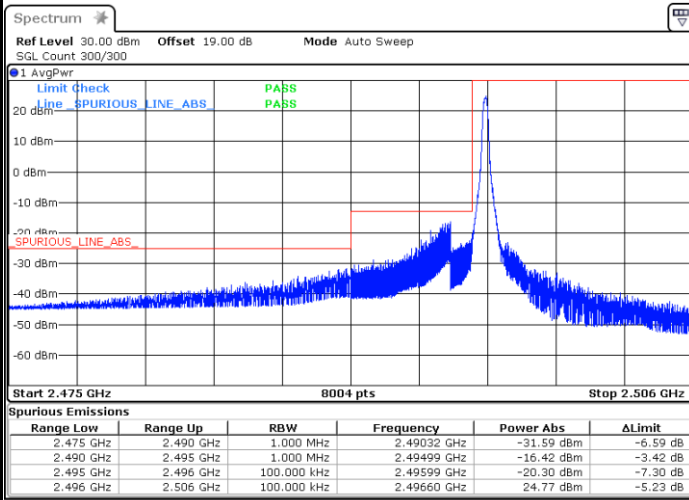


Date: 21 AUG. 2024 19:24:57

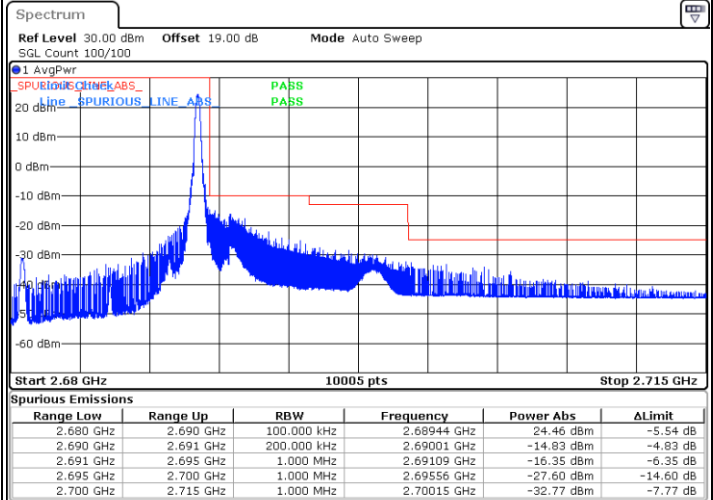


LTE Band 41 / 10MHz / QPSK

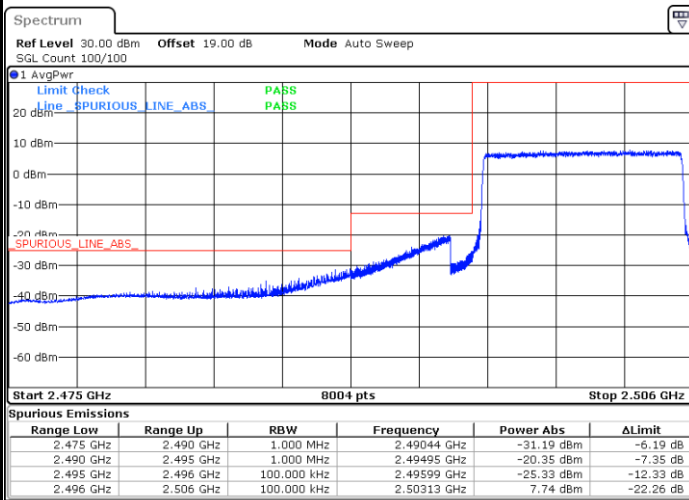
Lowest Band Edge / 1 RB



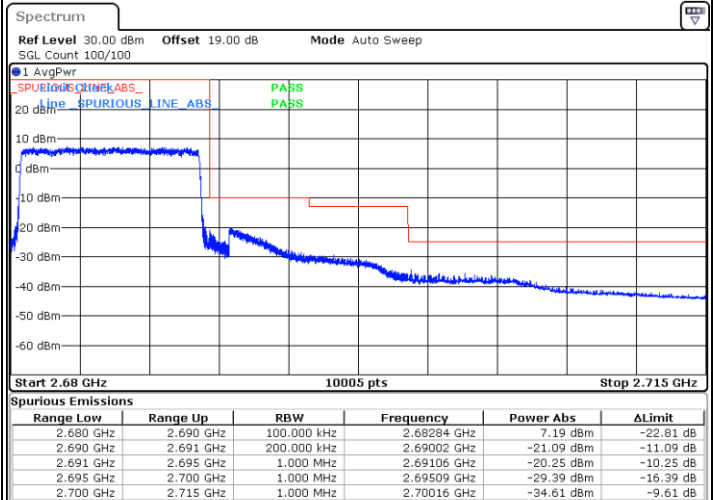
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



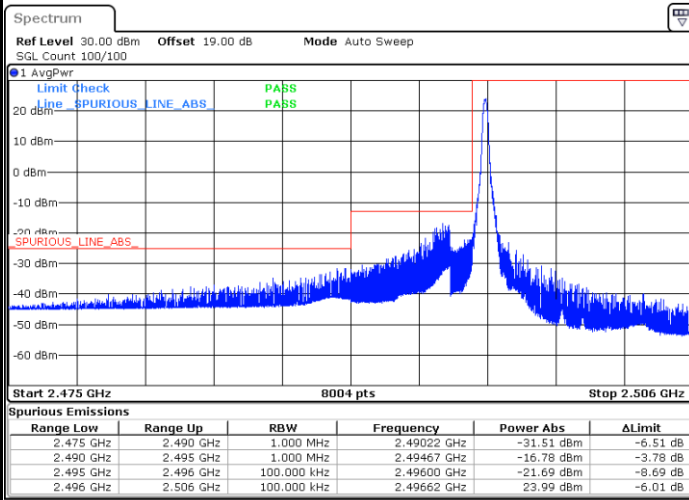
Highest Band Edge / Full RB





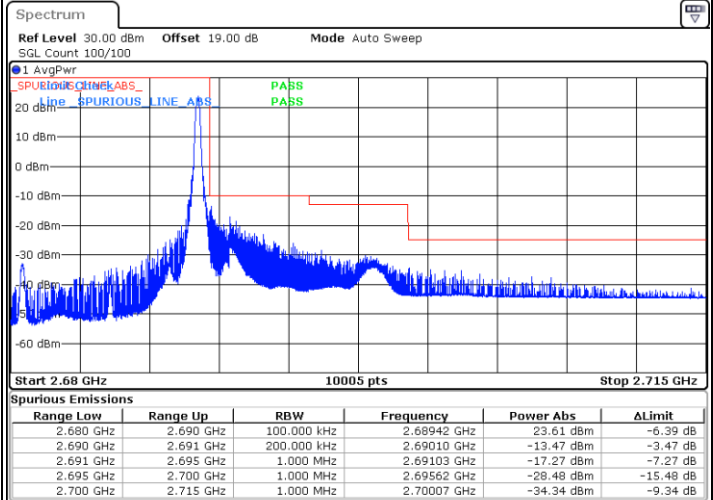
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1RB



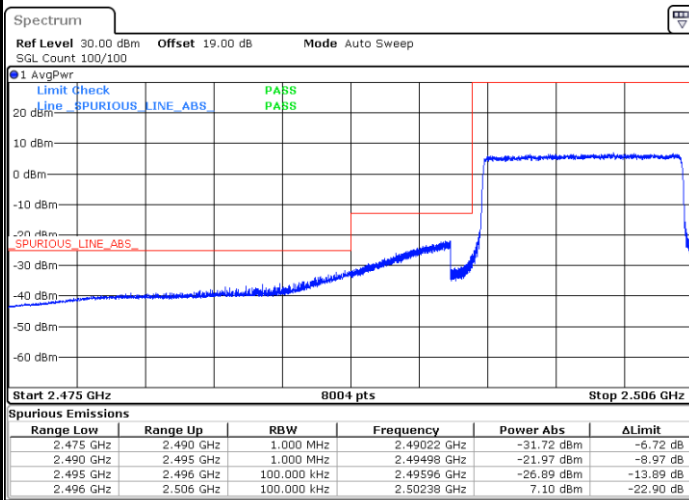
Date: 21 AUG. 2024 19:31:26

Highest Band Edge / 1 RB



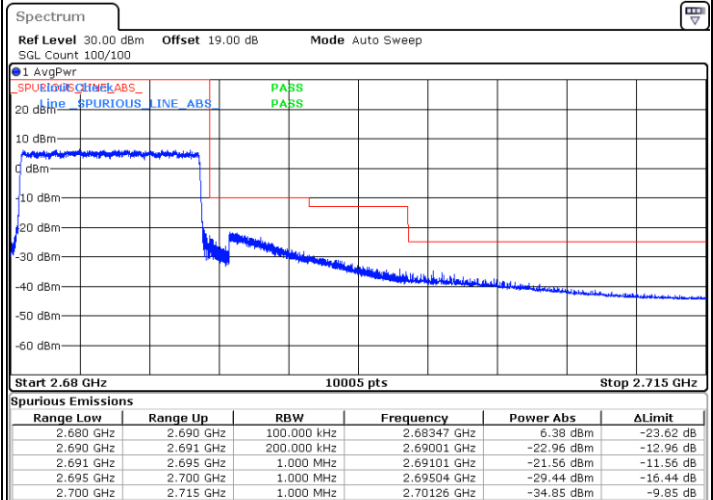
Date: 21 AUG. 2024 19:43:06

Lowest Band Edge / Full RB



Date: 21 AUG. 2024 19:35:32

Highest Band Edge / Full RB

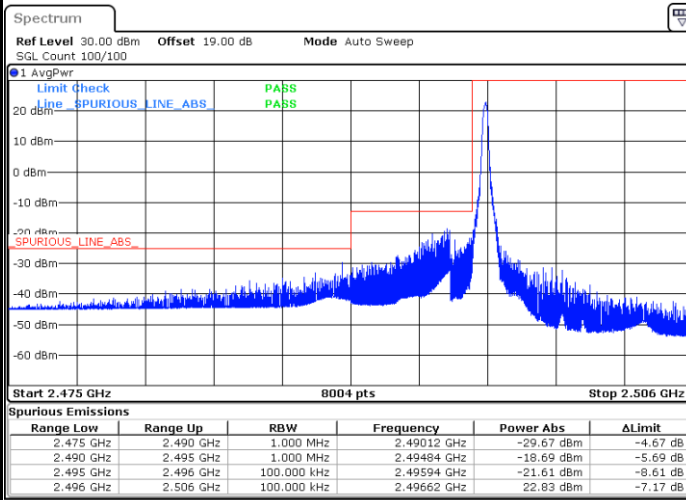


Date: 21 AUG. 2024 19:51:27



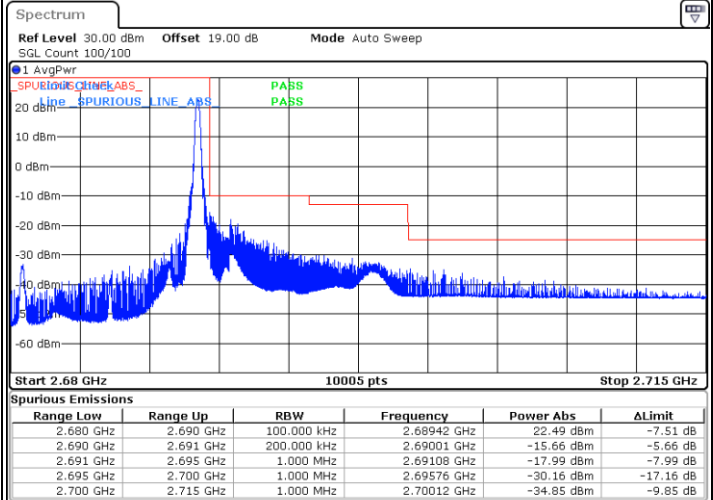
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1RB



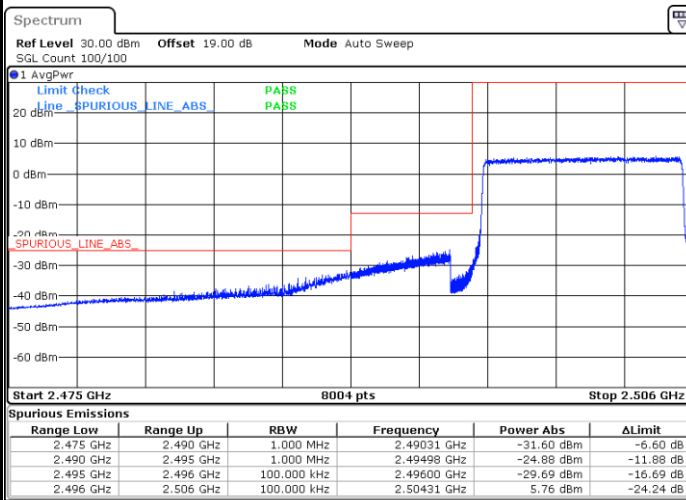
Date: 21 AUG. 2024 19:54:50

Highest Band Edge / 1 RB



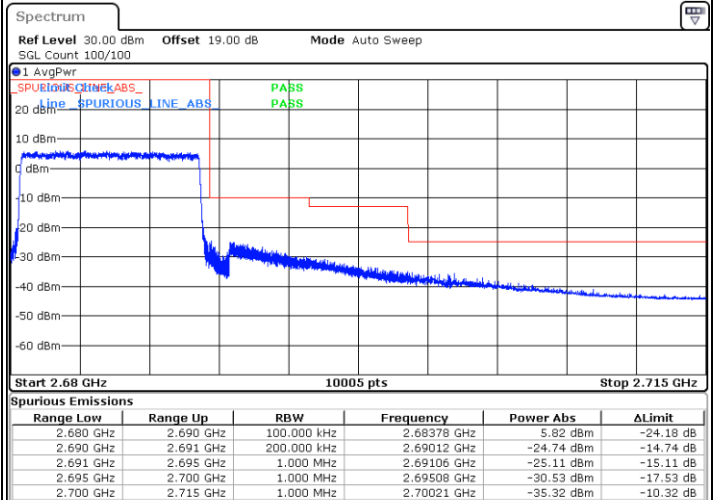
Date: 21 AUG. 2024 19:44:28

Lowest Band Edge / Full RB



Date: 21 AUG. 2024 19:34:10

Highest Band Edge / Full RB

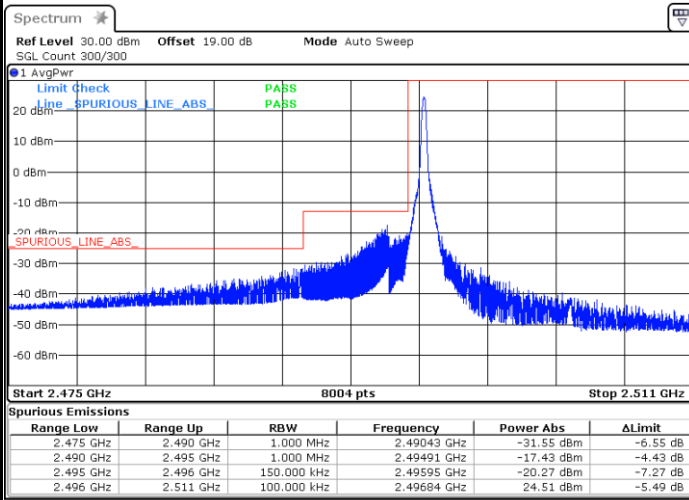


Date: 21 AUG. 2024 19:50:16

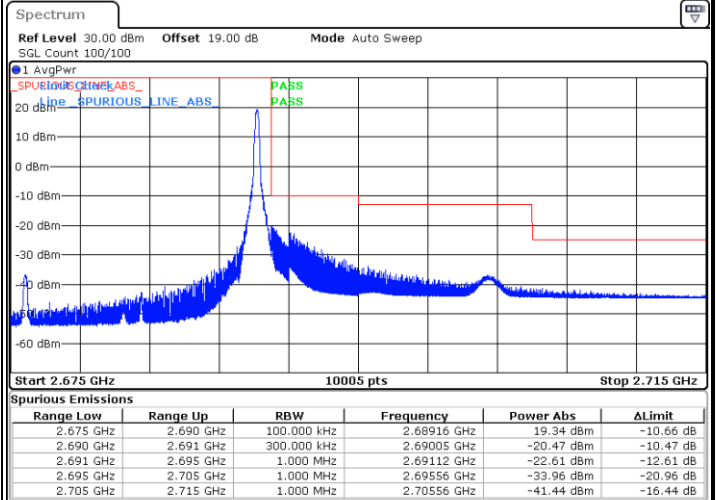


LTE Band 41 / 15MHz / QPSK

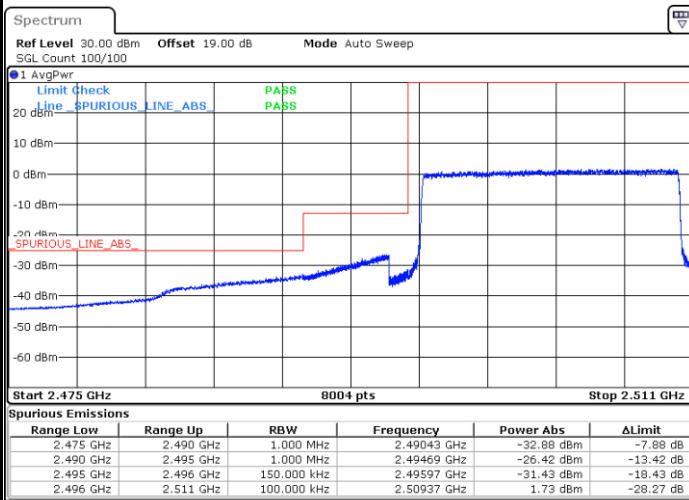
Lowest Band Edge / 1 RB



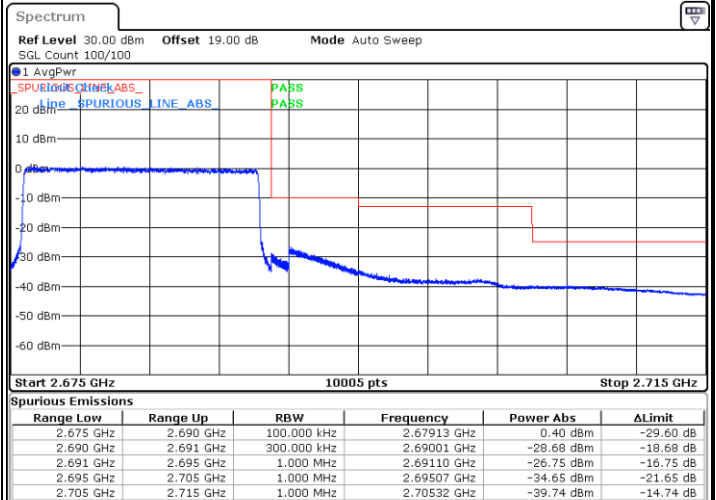
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



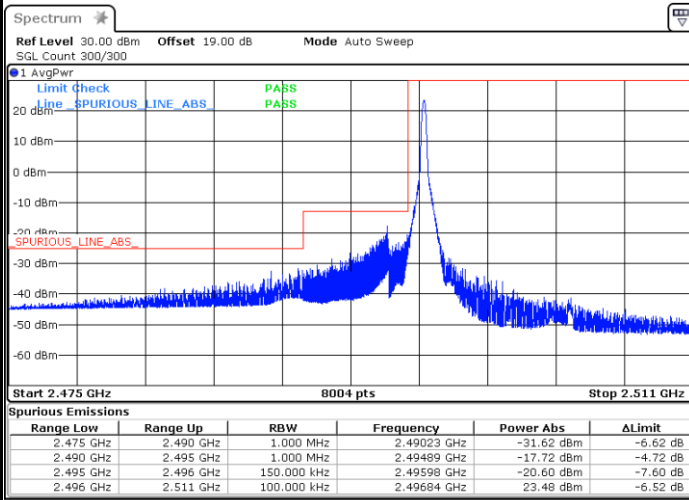
Highest Band Edge / Full RB



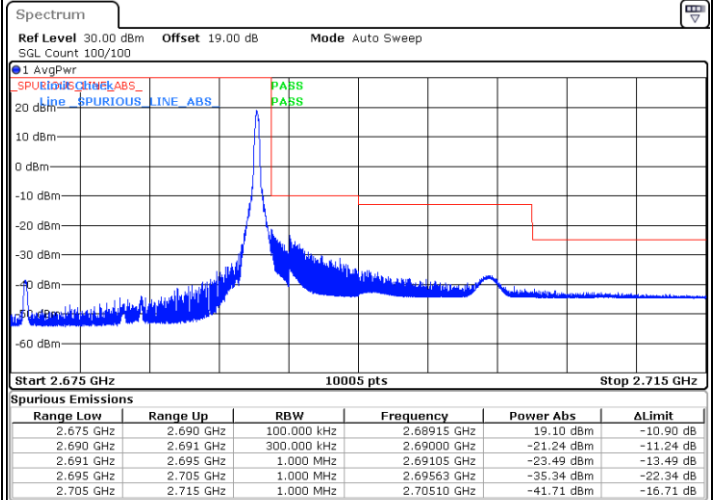


LTE Band 41 / 15MHz / 16QAM

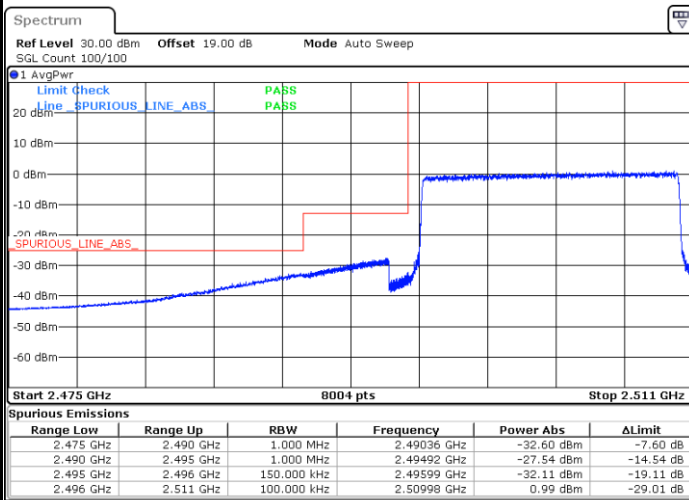
Lowest Band Edge / 1RB



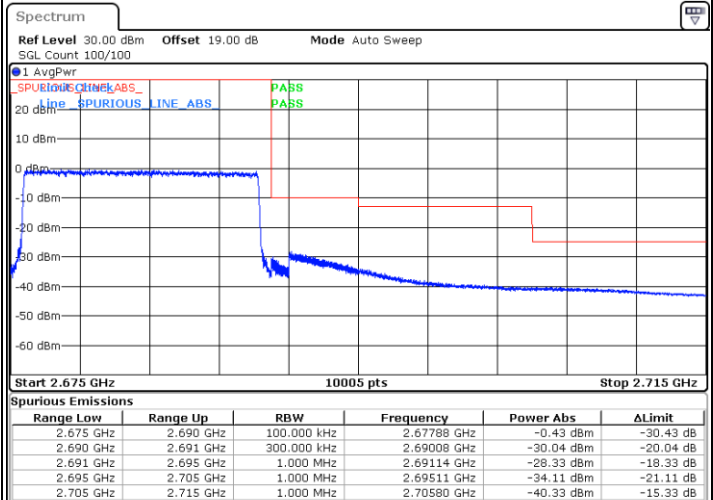
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



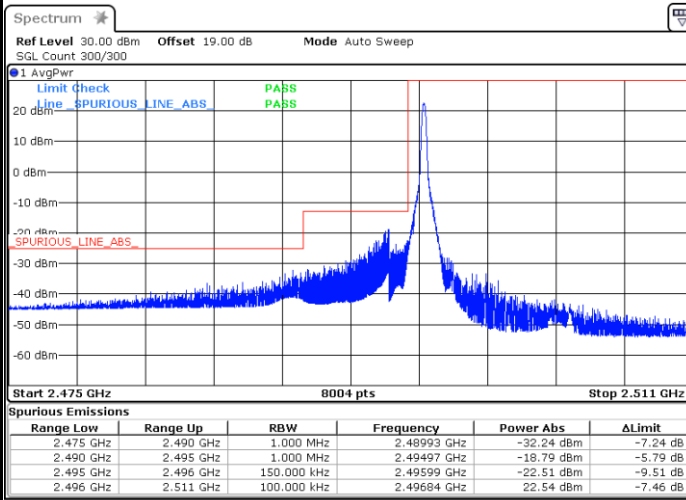
Highest Band Edge / Full RB



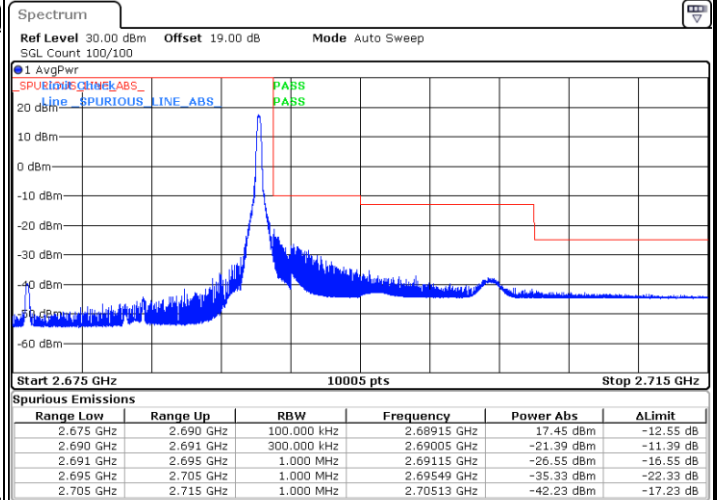


LTE Band 41 / 15MHz / 64QAM

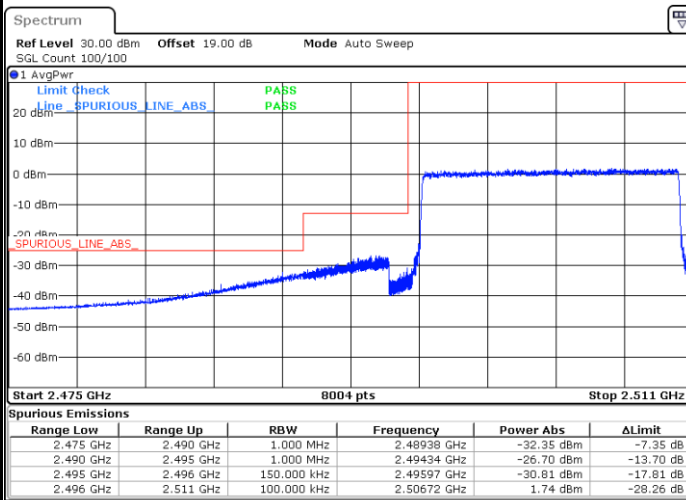
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

