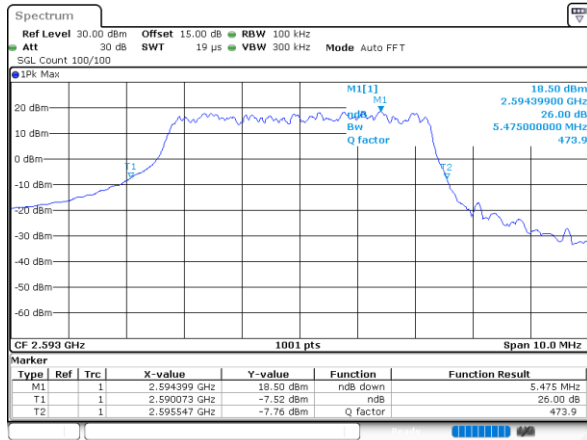


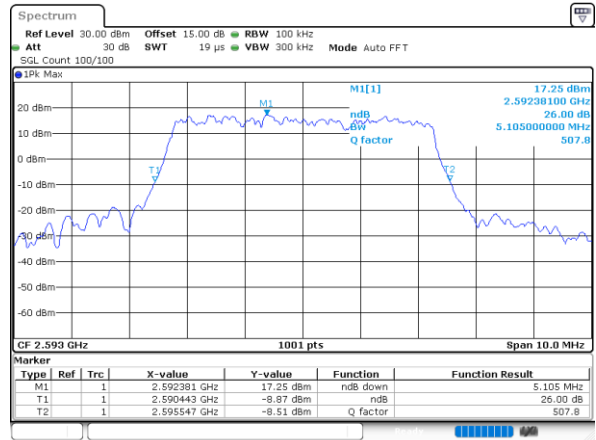


LTE Band 41

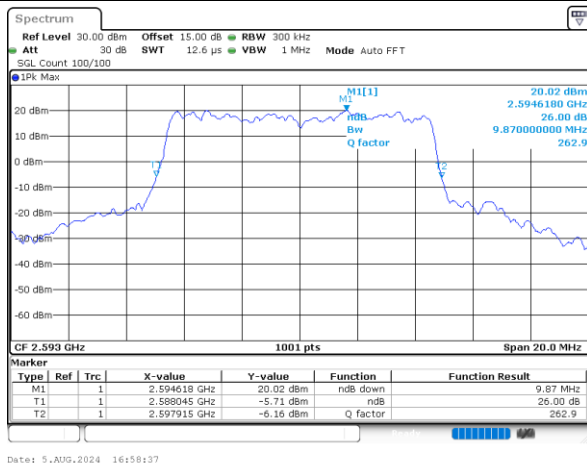
Middle Channel / 5MHz / QPSK



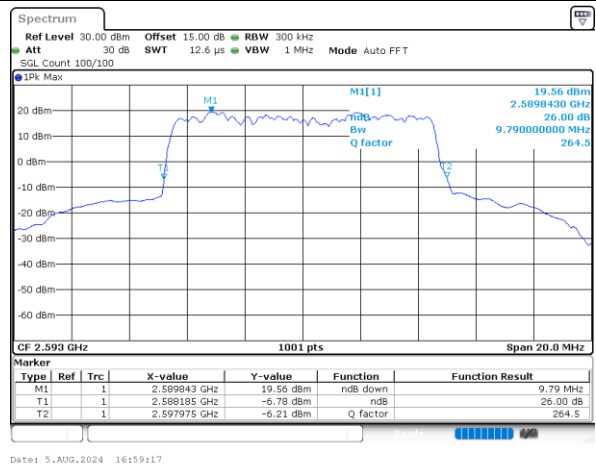
Middle Channel / 5MHz / 16QAM



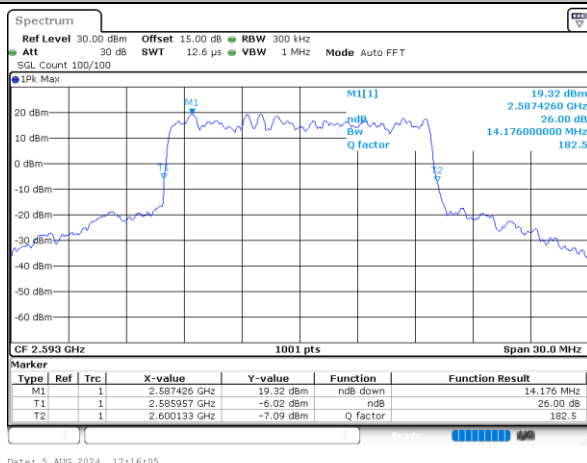
Middle Channel / 10MHz / QPSK



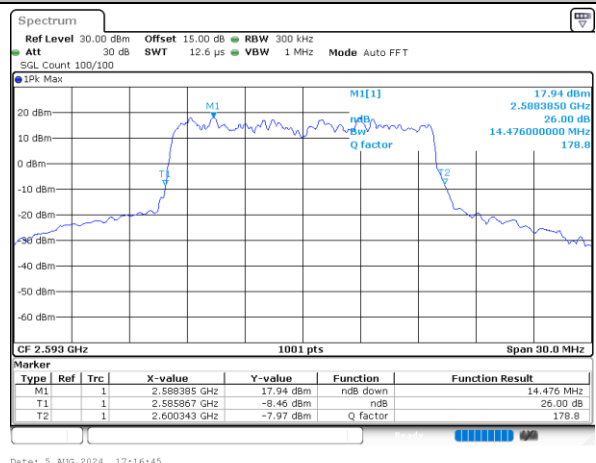
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



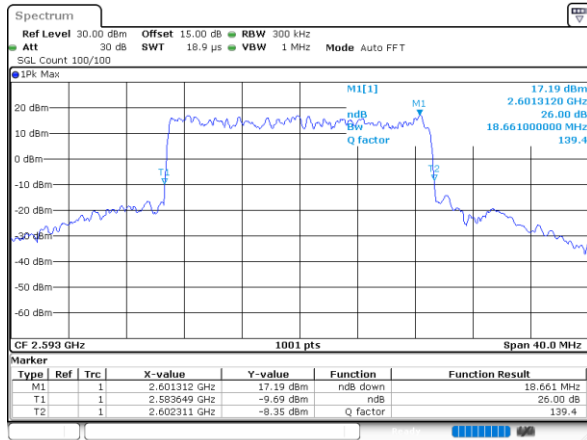
Middle Channel / 15MHz / 16QAM



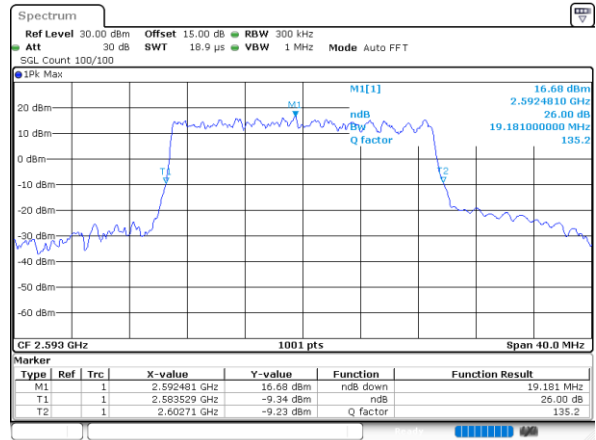


LTE Band 41

Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM





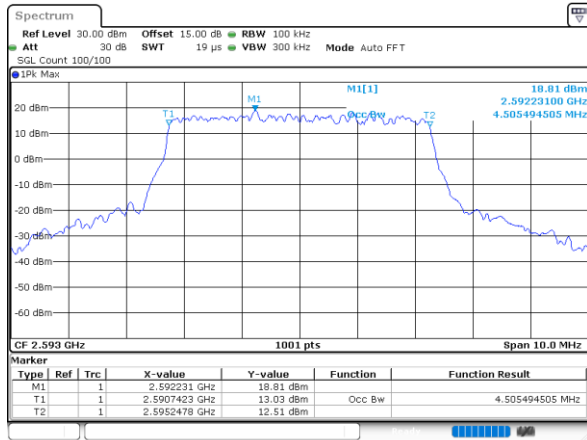
Occupied Bandwidth

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	-	-	-	-	4.51	4.50	8.97	9.05	13.43	13.40	18.02	17.90

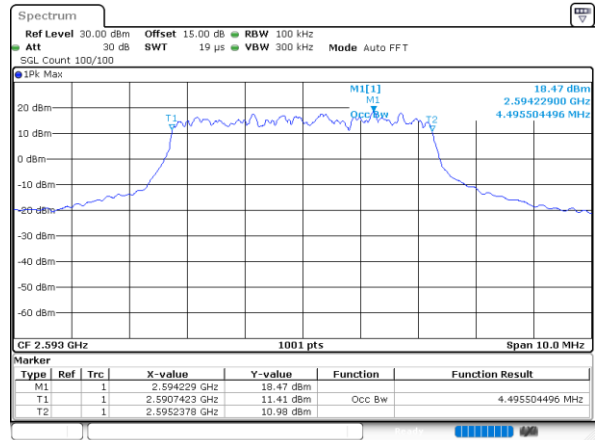


LTE Band 41

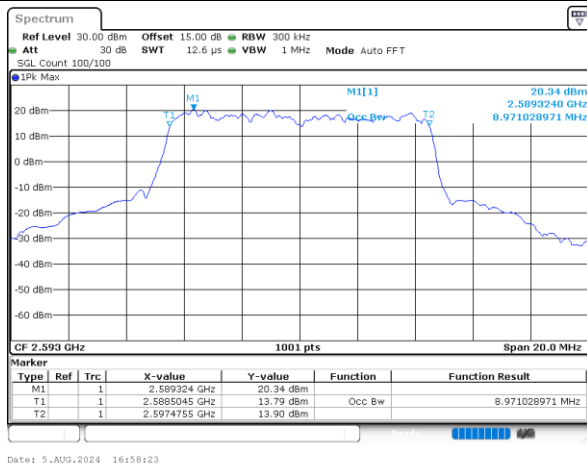
Middle Channel / 5MHz / QPSK



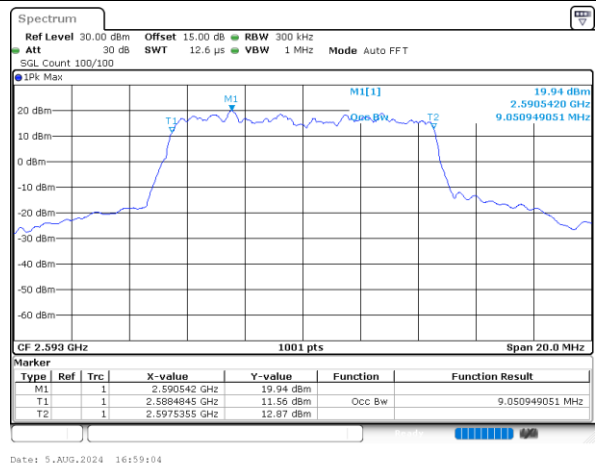
Middle Channel / 5MHz / 16QAM



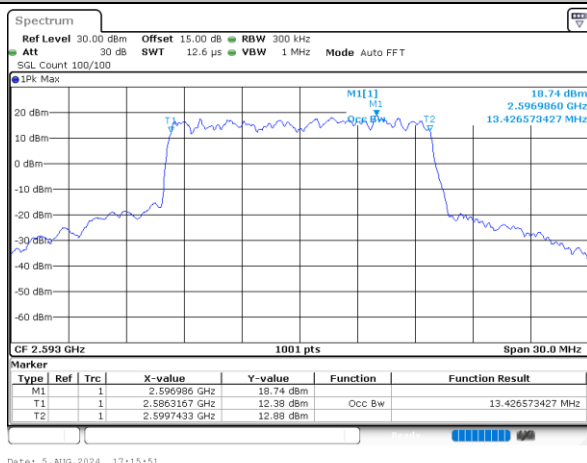
Middle Channel / 10MHz / QPSK



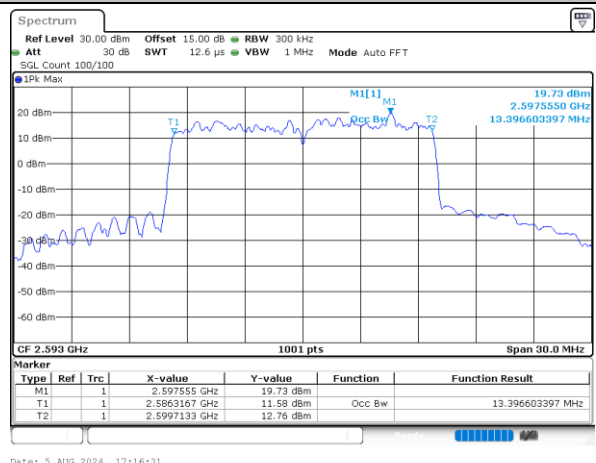
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



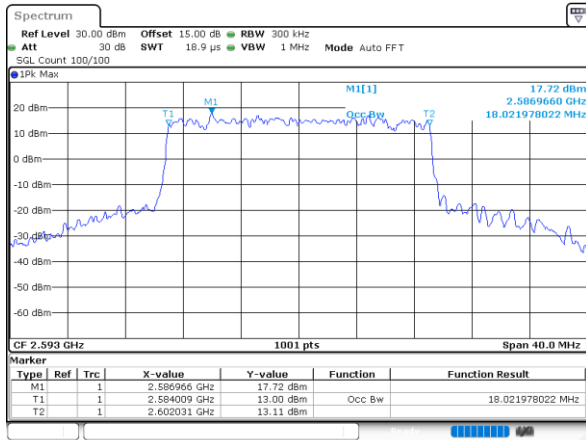
Middle Channel / 15MHz / 16QAM



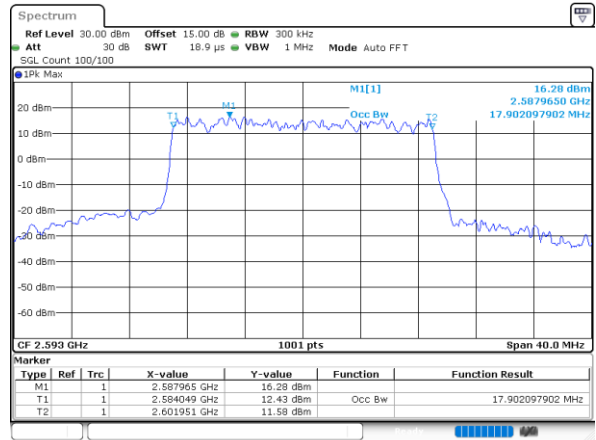


LTE Band 41

Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

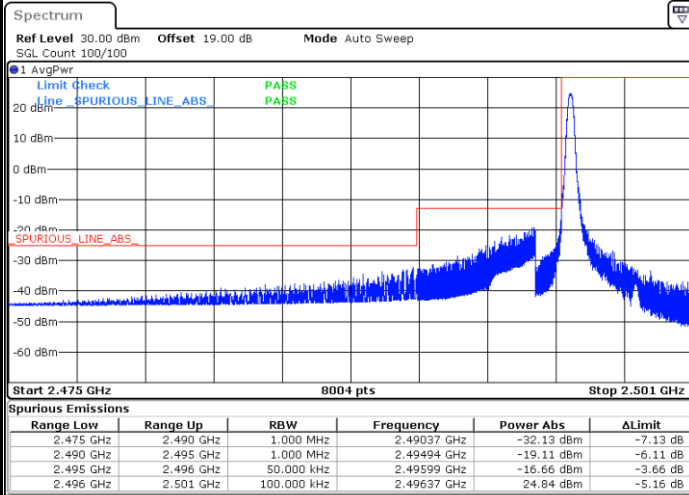




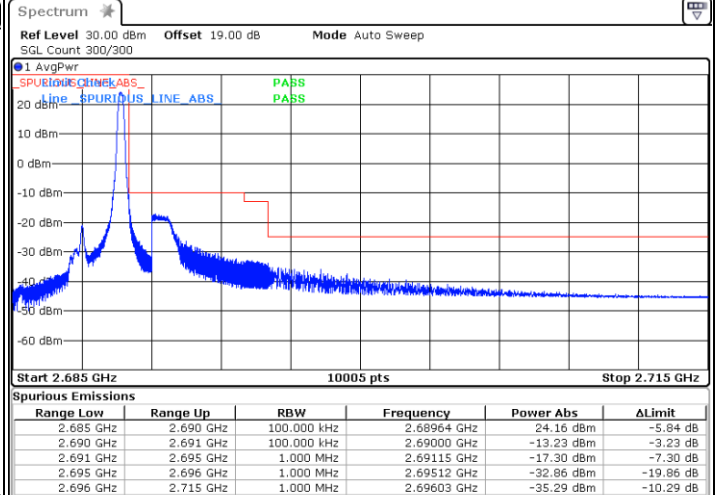
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

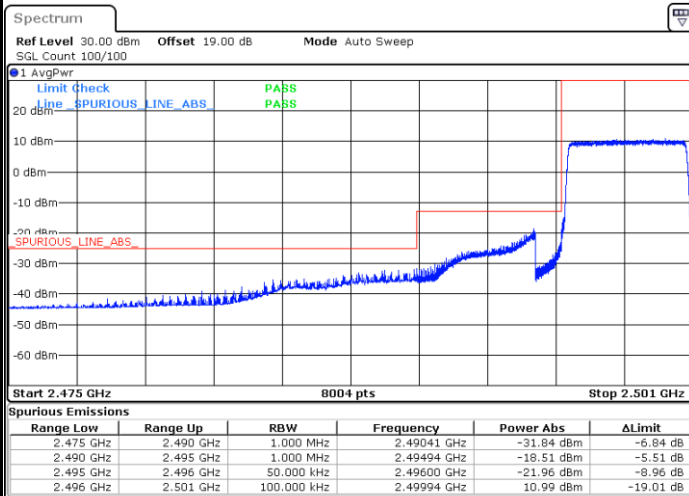
Lowest Band Edge / 1 RB



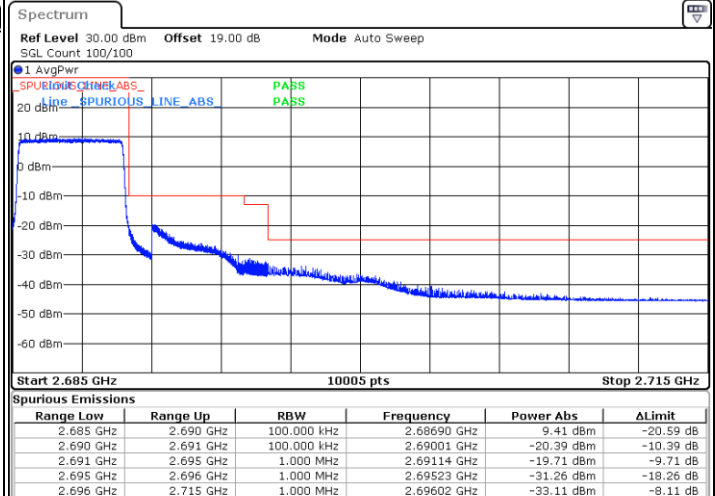
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



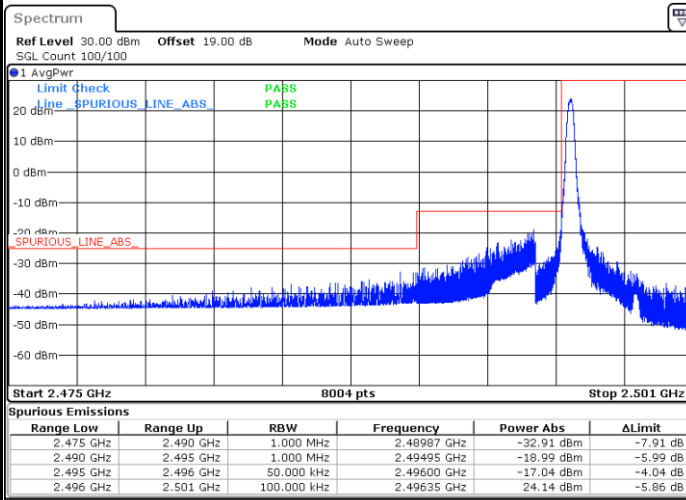
Highest Band Edge / Full RB



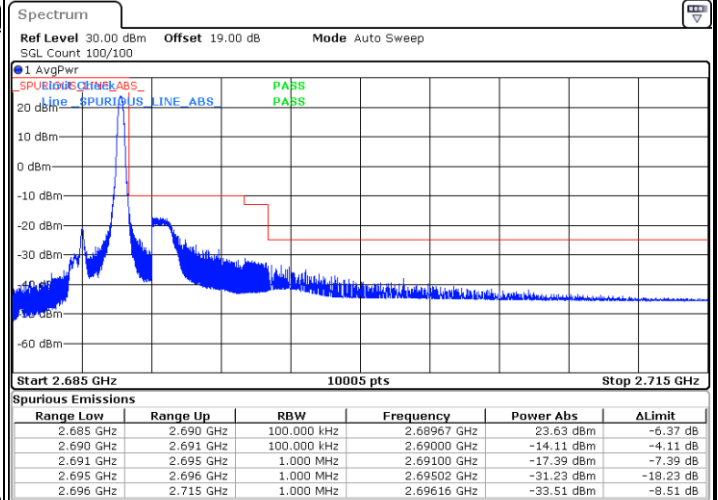


LTE Band 41 / 5MHz / 16QAM

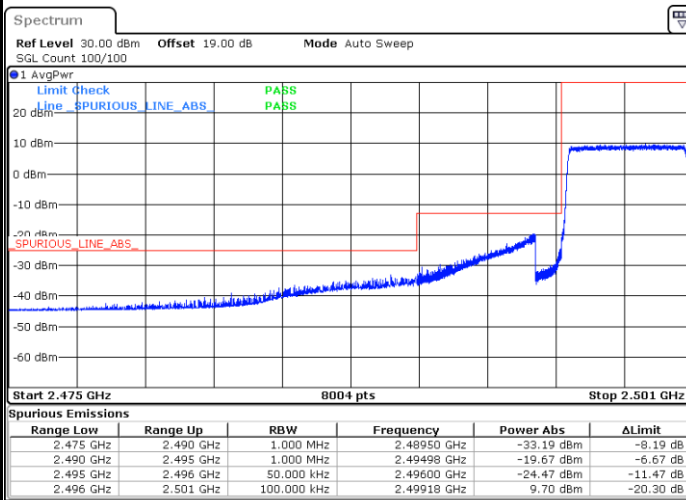
Lowest Band Edge / 1RB



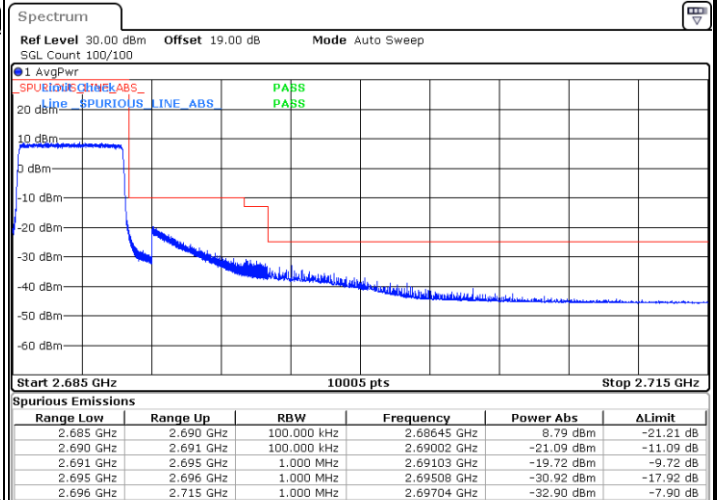
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



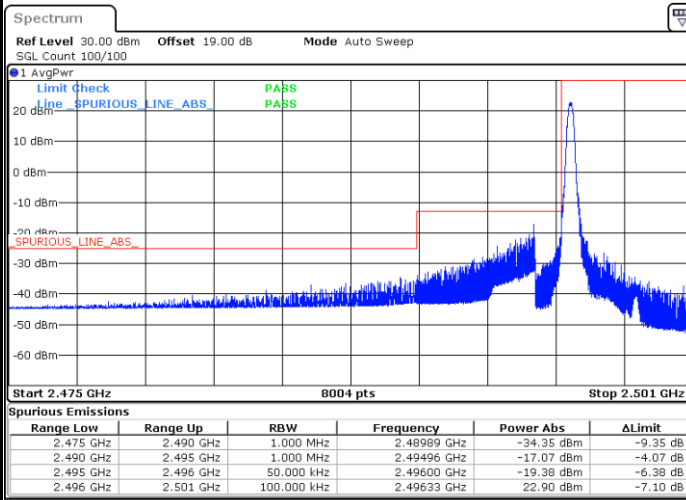
Highest Band Edge / Full RB



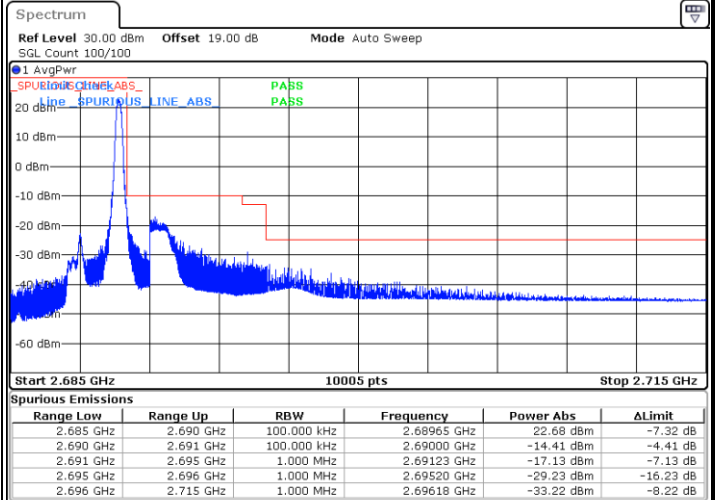


LTE Band 41 / 5MHz / 64QAM

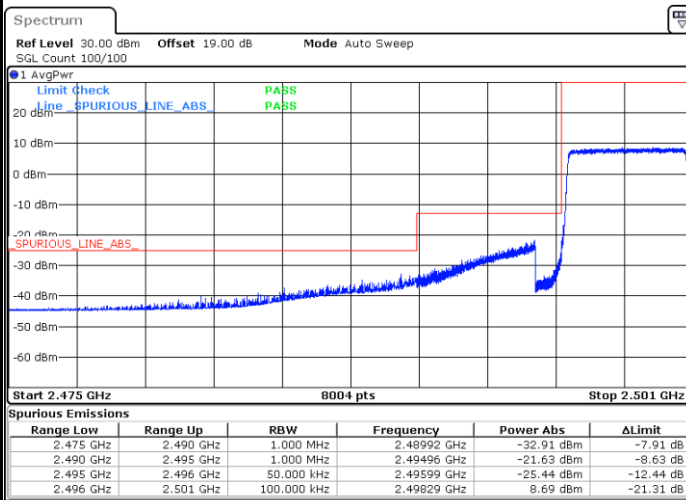
Lowest Band Edge / 1RB



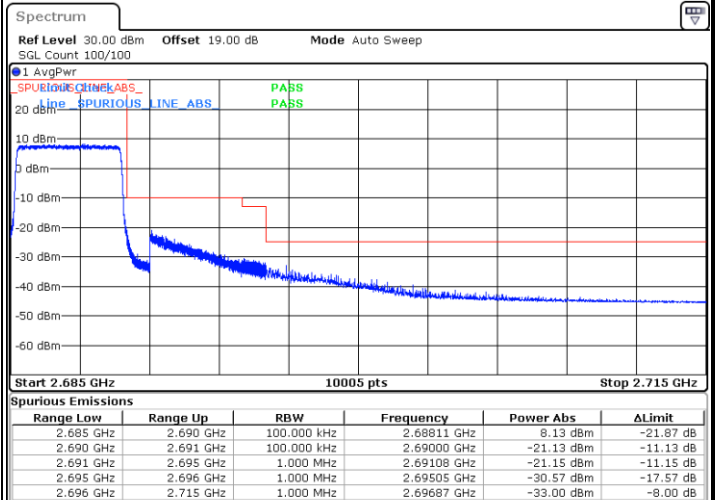
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



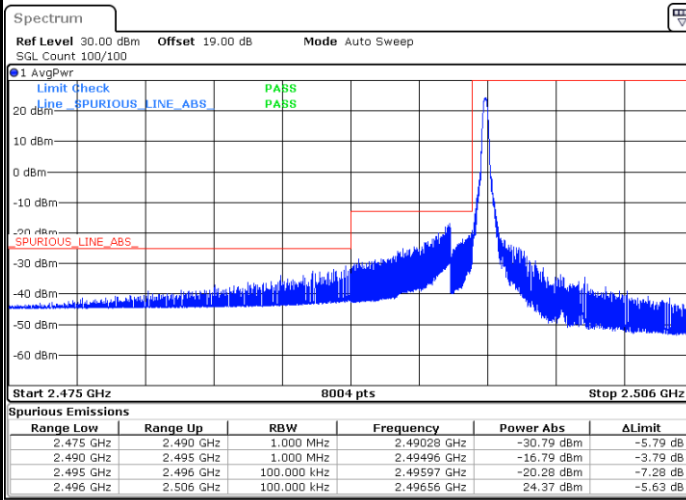
Highest Band Edge / Full RB



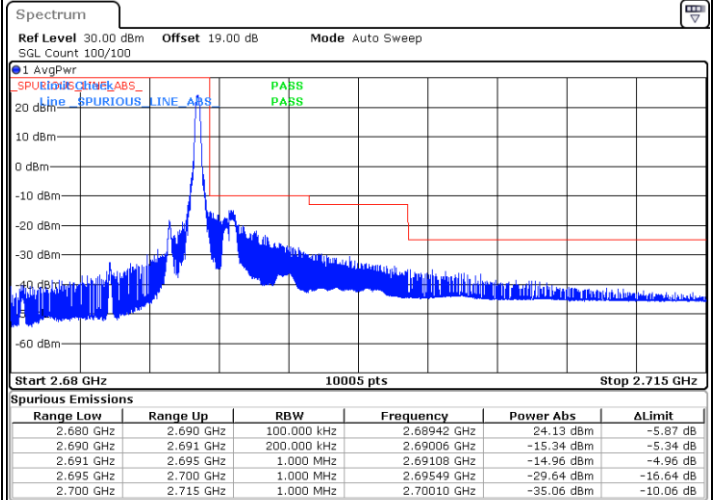


LTE Band 41 / 10MHz / QPSK

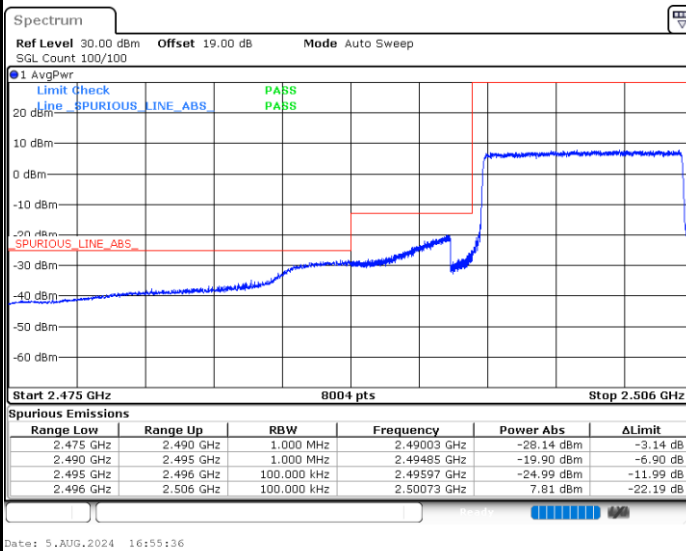
Lowest Band Edge / 1 RB



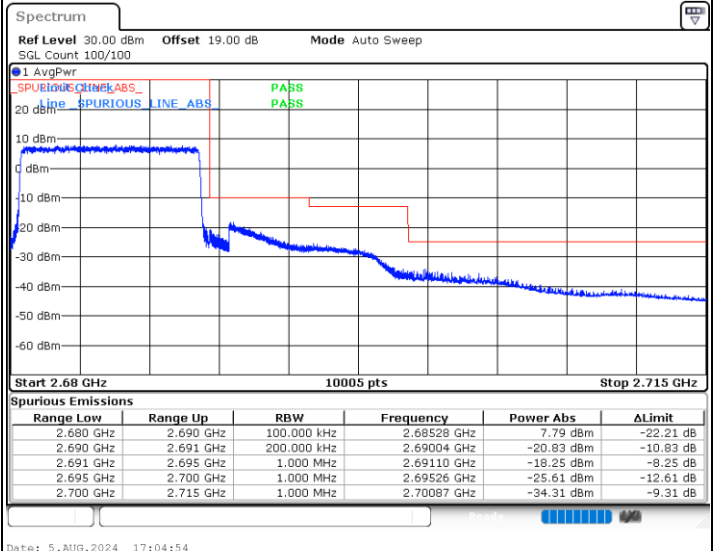
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



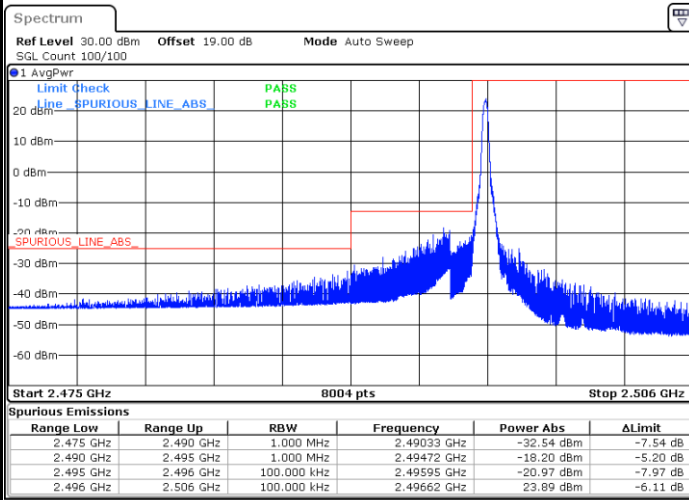
Highest Band Edge / Full RB



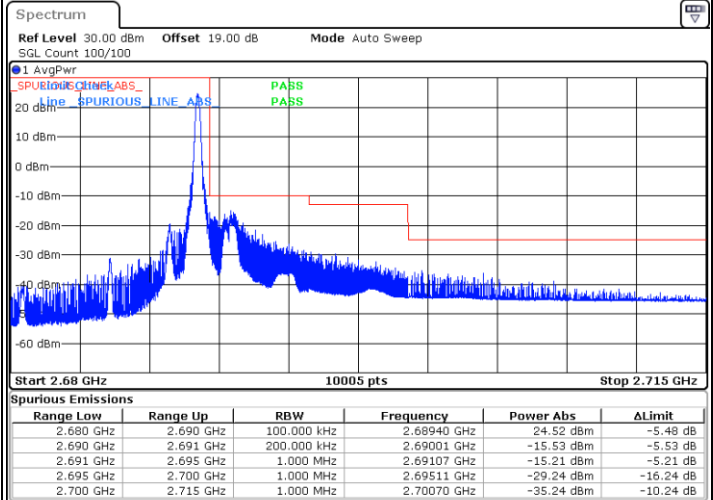


LTE Band 41 / 10MHz / 16QAM

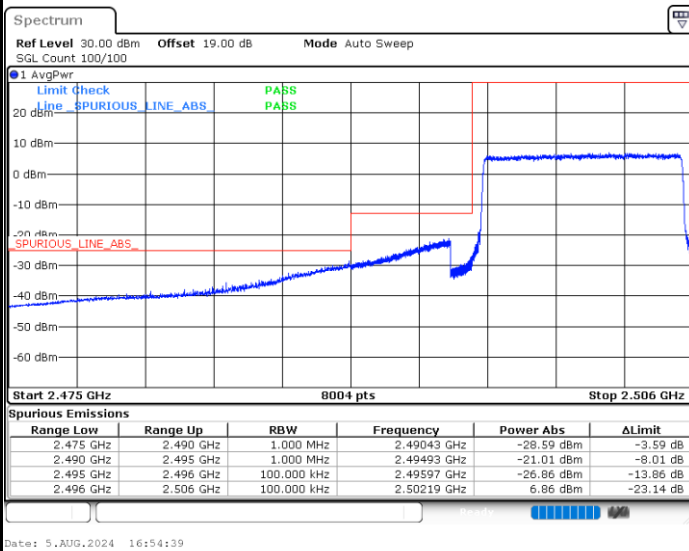
Lowest Band Edge / 1RB



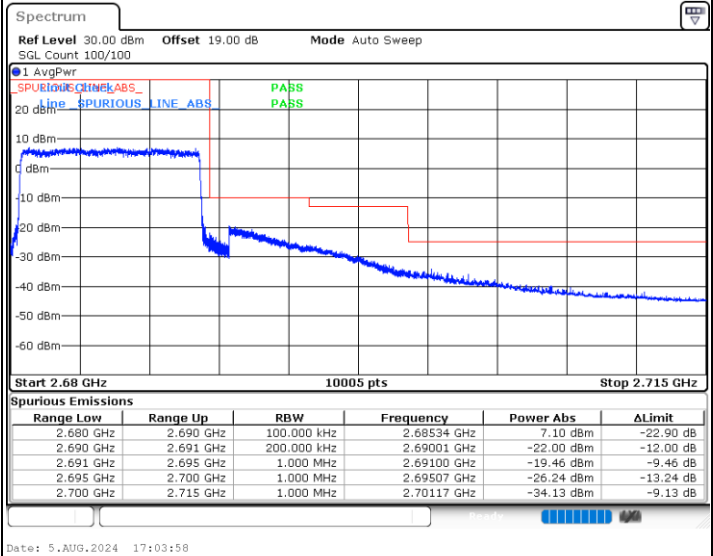
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



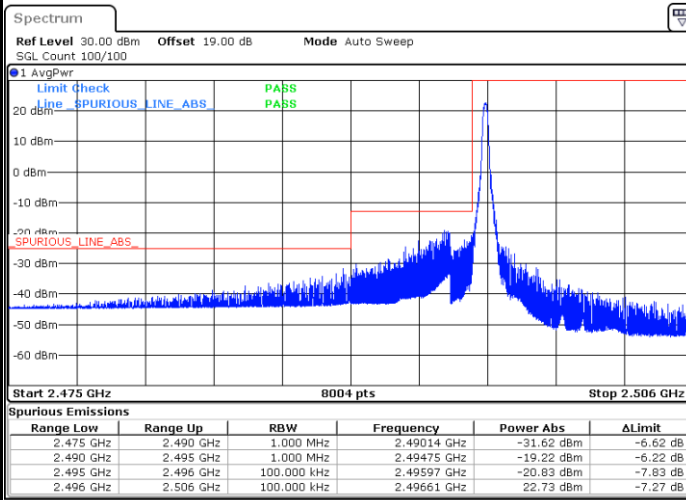
Highest Band Edge / Full RB



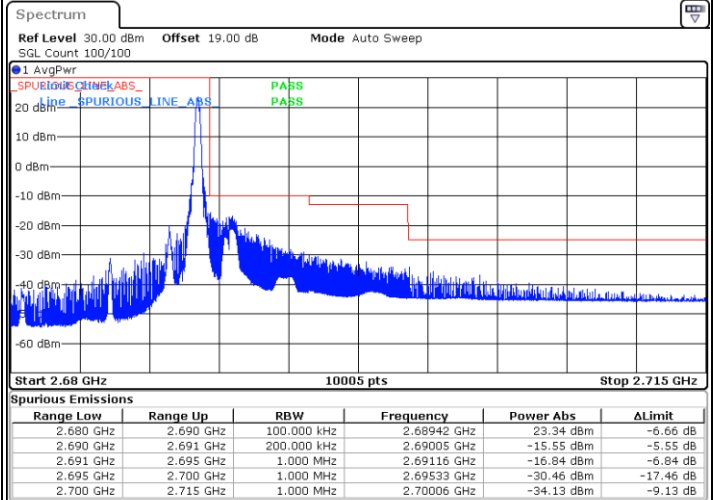


LTE Band 41 / 10MHz / 64QAM

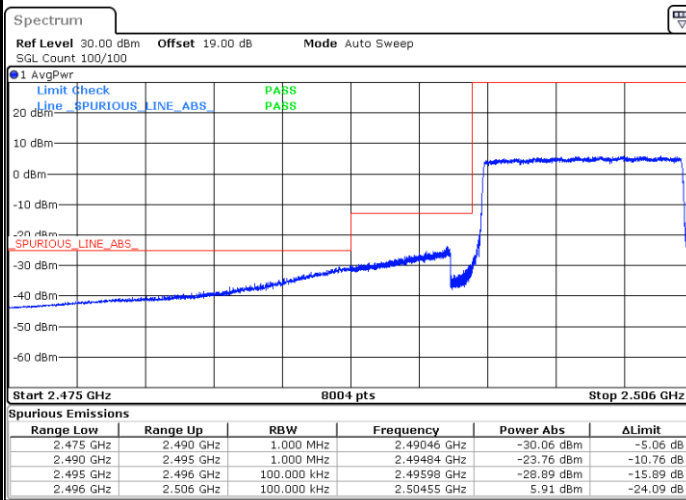
Lowest Band Edge / 1RB



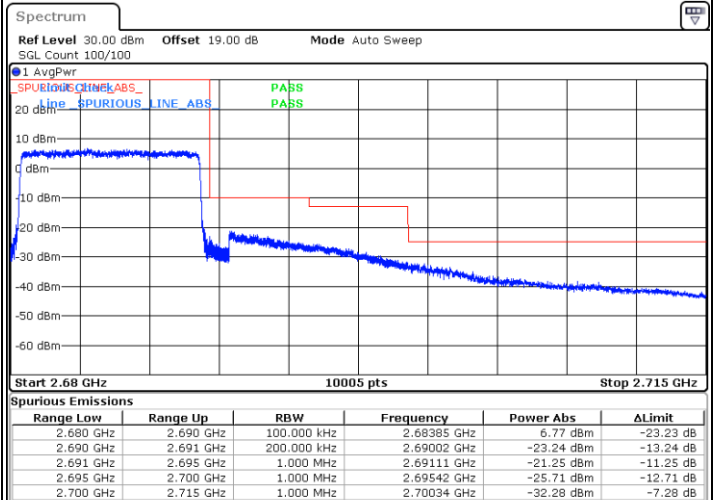
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



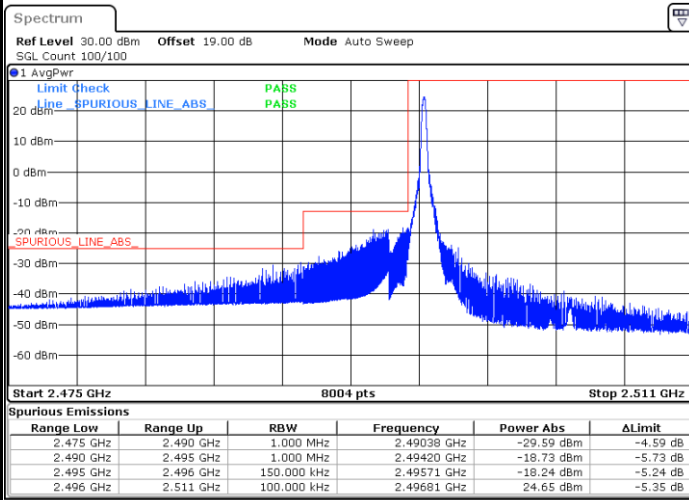
Highest Band Edge / Full RB



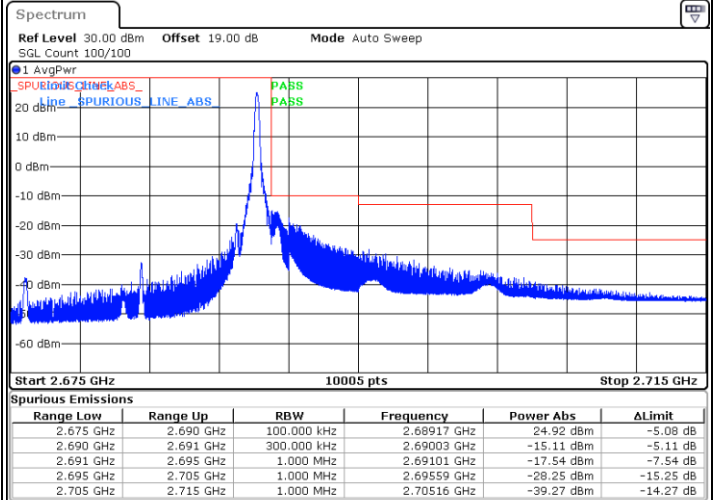


LTE Band 41 / 15MHz / QPSK

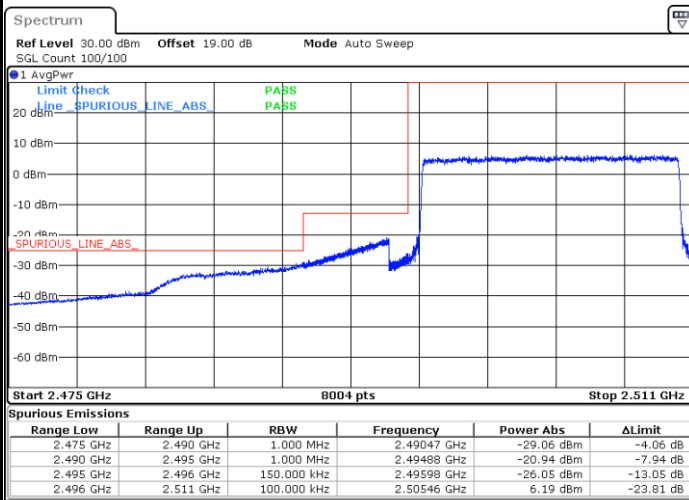
Lowest Band Edge / 1 RB



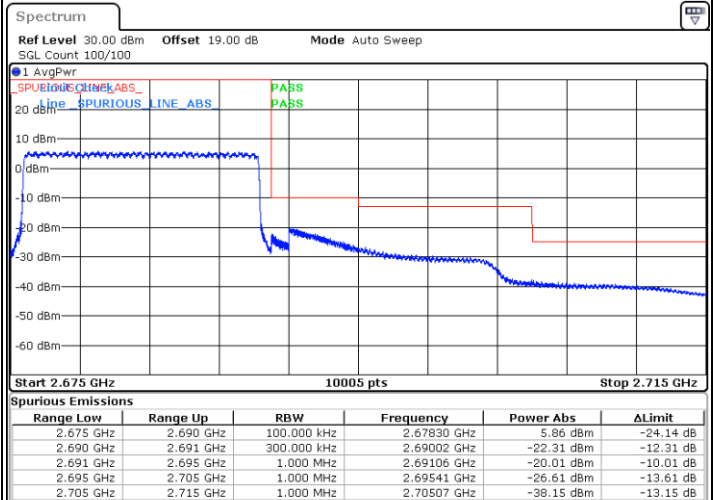
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



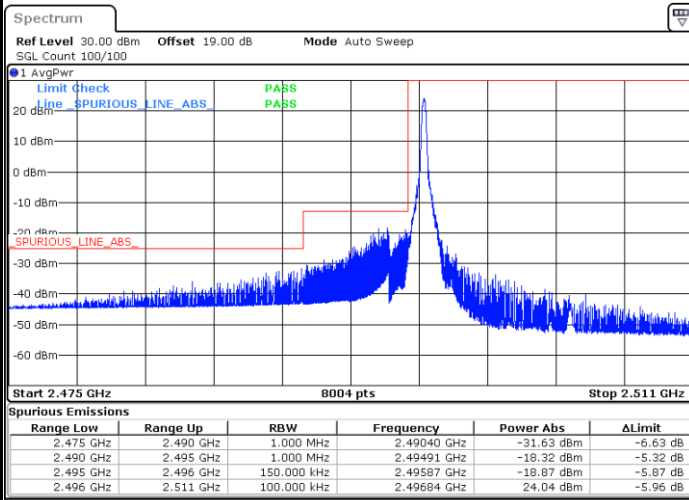
Highest Band Edge / Full RB



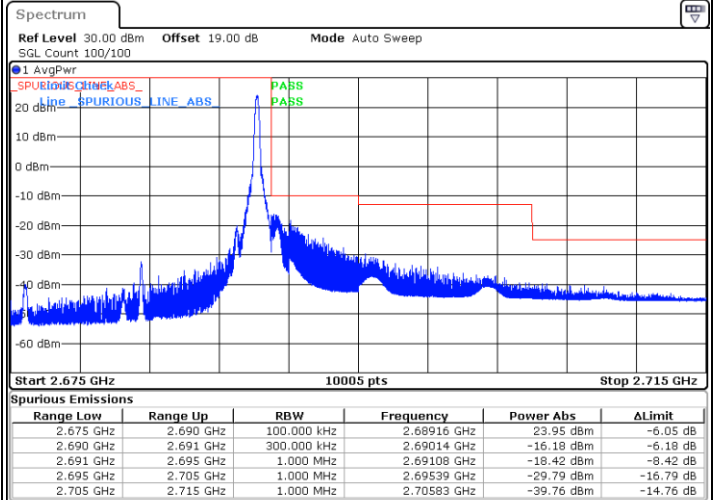


LTE Band 41 / 15MHz / 16QAM

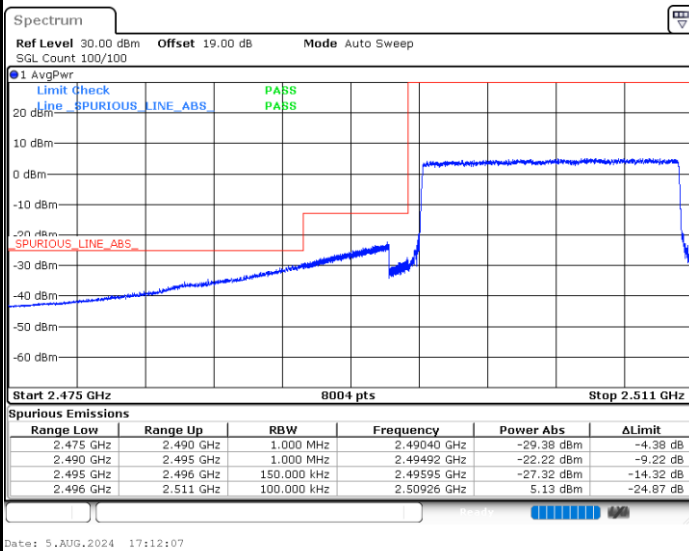
Lowest Band Edge / 1RB



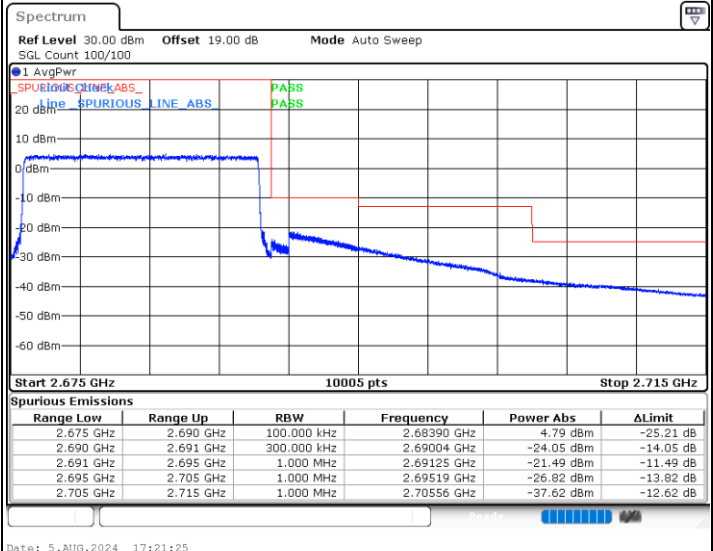
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



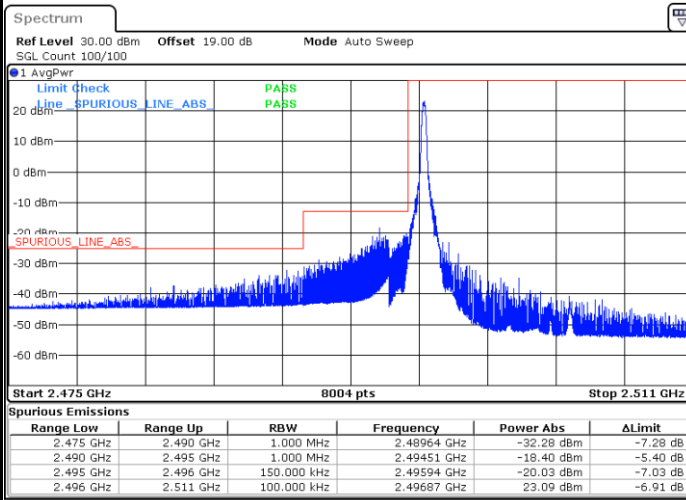
Highest Band Edge / Full RB



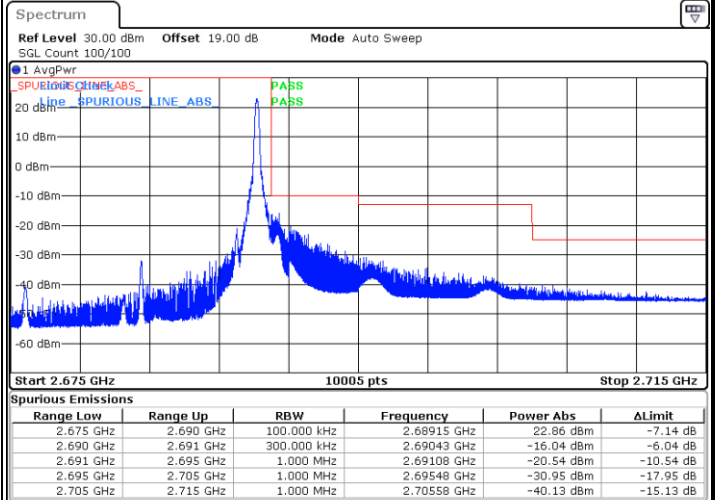


LTE Band 41 / 15MHz / 64QAM

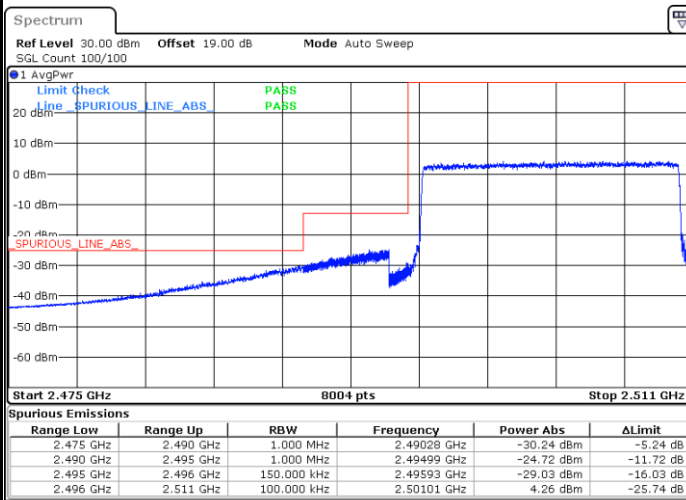
Lowest Band Edge / 1RB



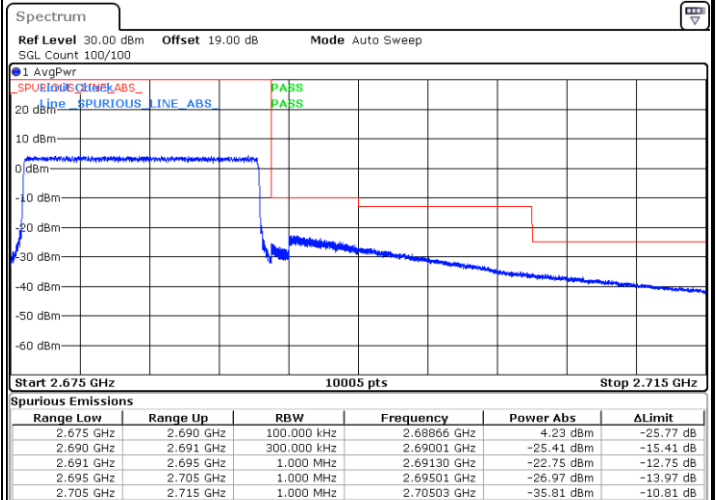
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



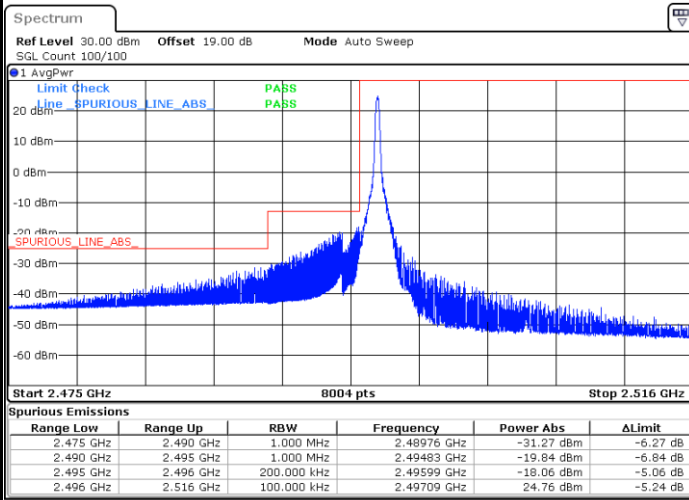
Highest Band Edge / Full RB



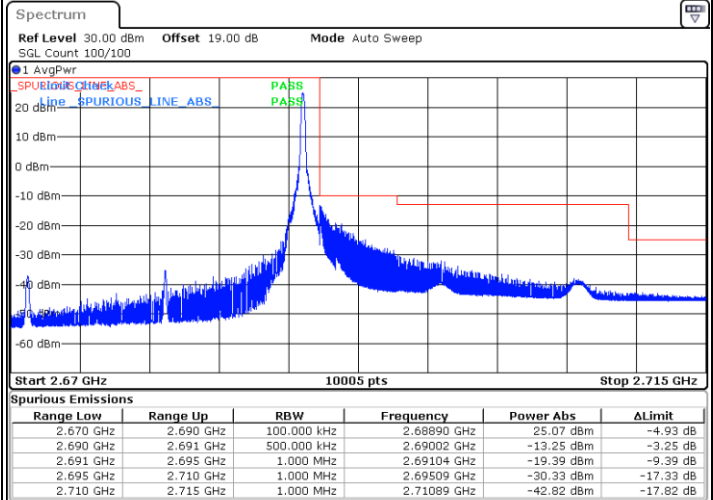


LTE Band 41 / 20MHz / QPSK

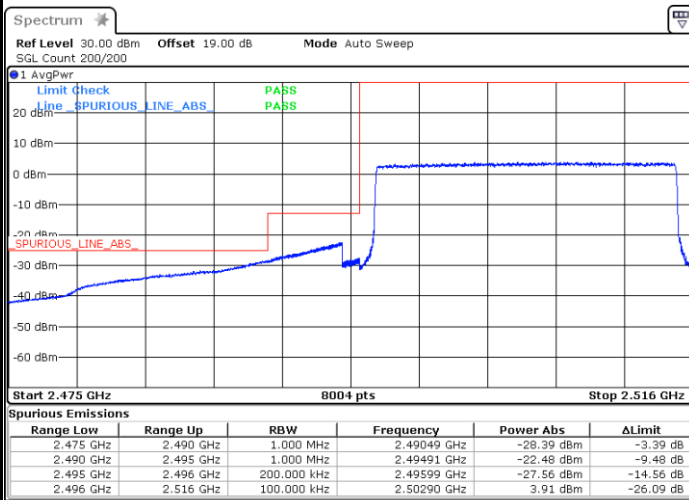
Lowest Band Edge / 1 RB



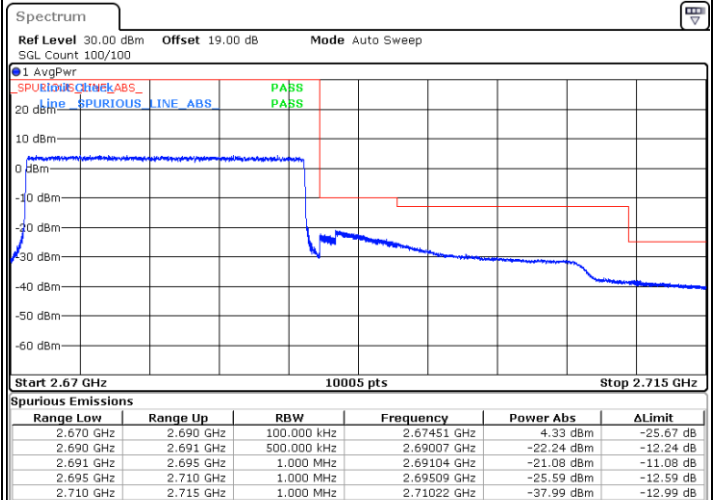
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



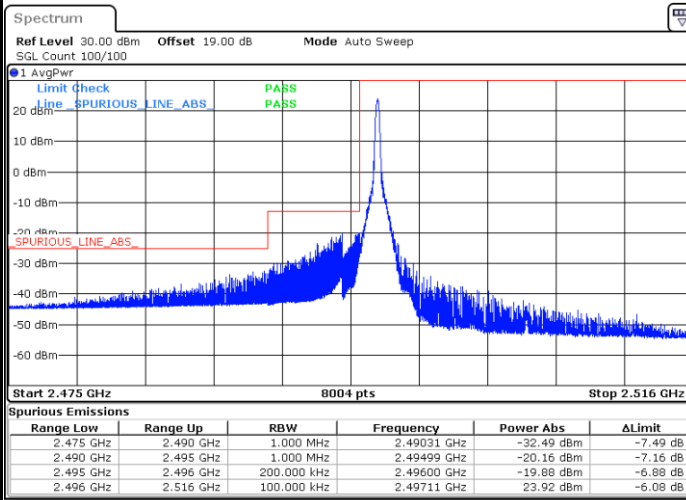
Highest Band Edge / Full RB





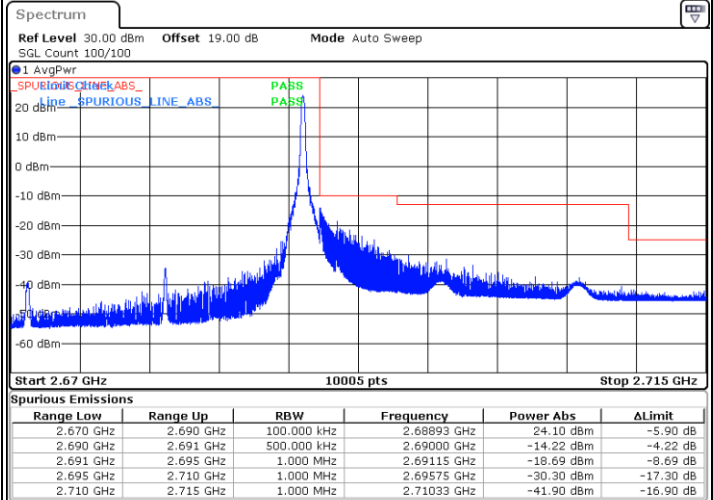
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1RB



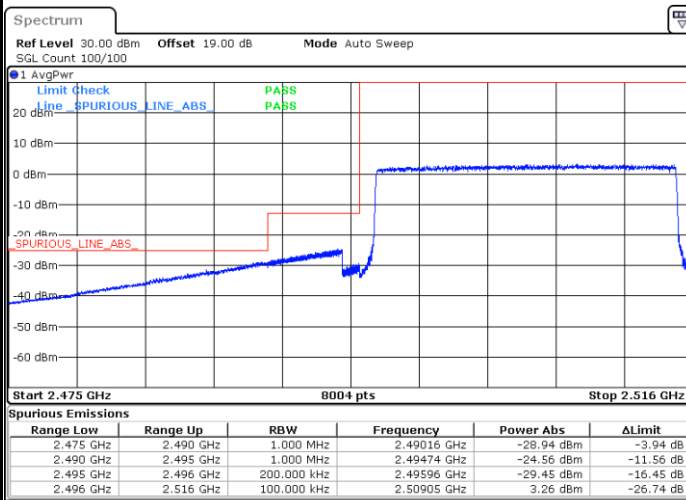
Date: 5.AUG.2024 17:26:48

Highest Band Edge / 1 RB



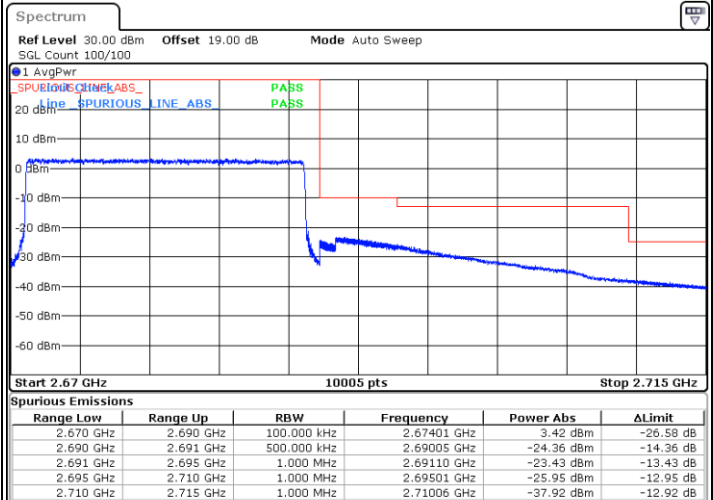
Date: 5.AUG.2024 17:37:29

Lowest Band Edge / Full RB



Date: 14.AUG.2024 17:59:13

Highest Band Edge / Full RB

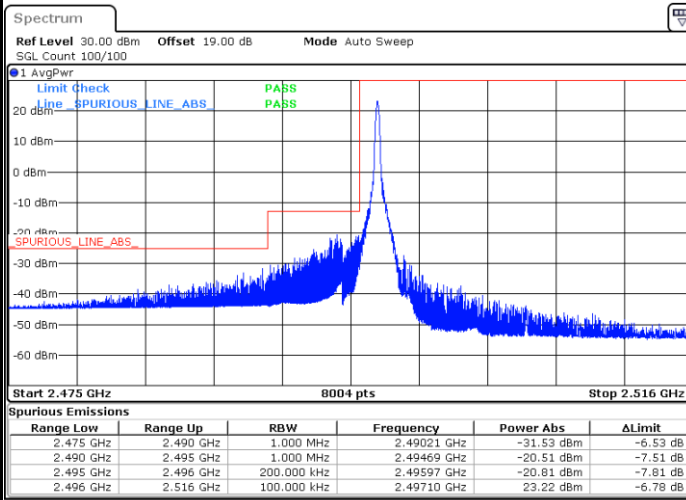


Date: 5.AUG.2024 17:40:17



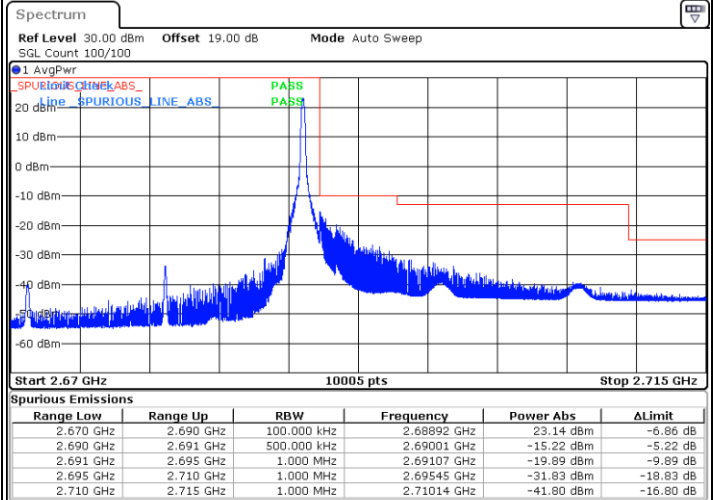
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1RB



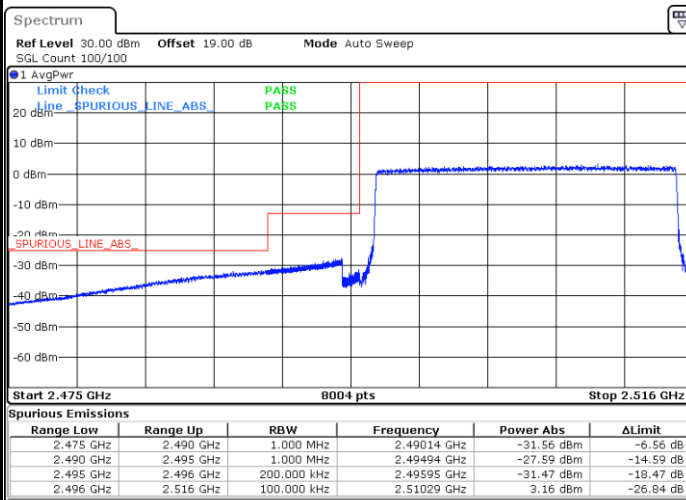
Date: 5.AUG.2024 17:27:44

Highest Band Edge / 1 RB



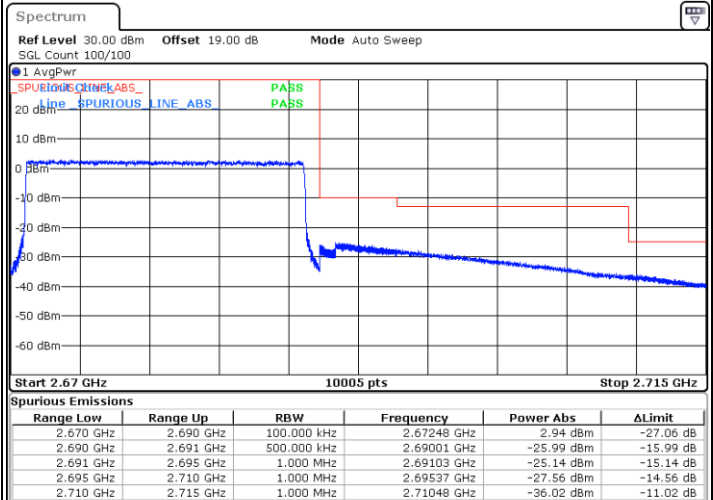
Date: 5.AUG.2024 17:38:25

Lowest Band Edge / Full RB



Date: 5.AUG.2024 17:28:41

Highest Band Edge / Full RB



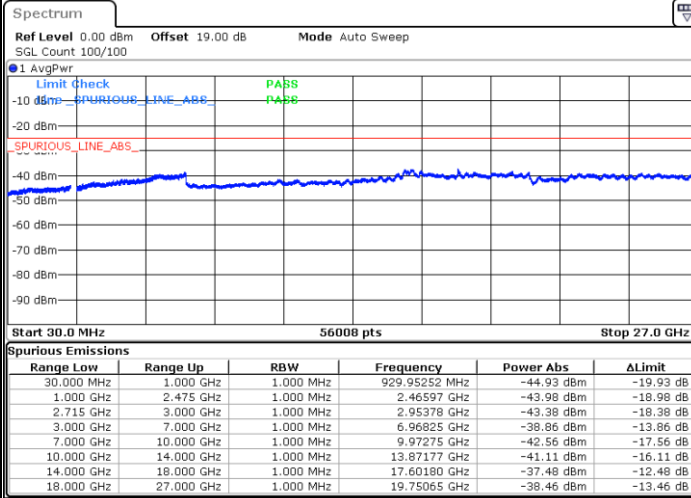
Date: 5.AUG.2024 17:39:21



Conducted Spurious Emission

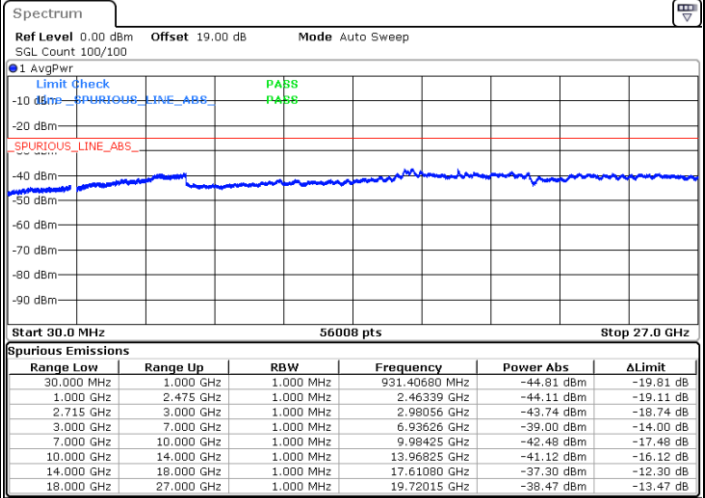
LTE Band 41 / 5MHz

Lowest Channel / QPSK



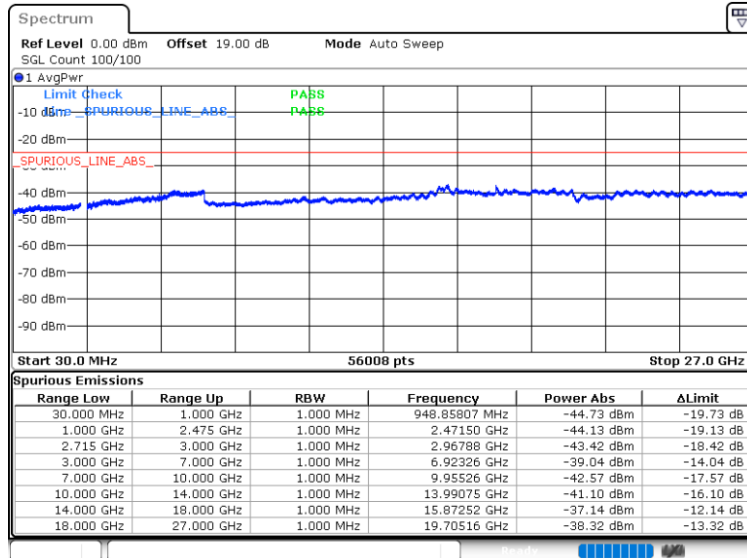
Date: 5.AUG.2024 16:38:25

Middle Channel / QPSK



Date: 5.AUG.2024 16:39:35

Highest Channel / QPSK

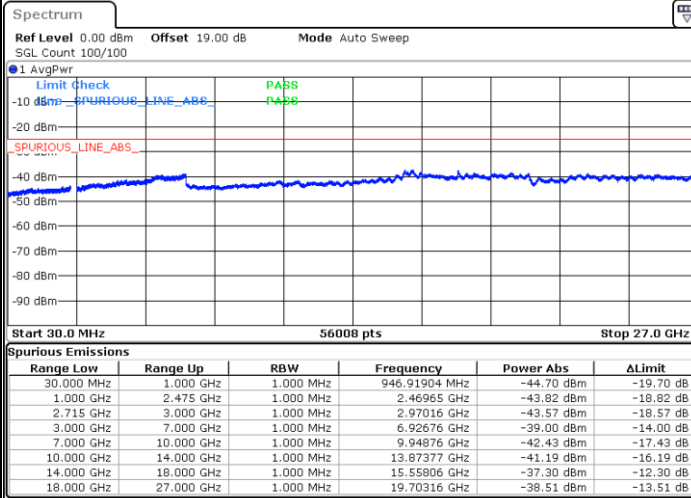


Date: 5.AUG.2024 16:48:30



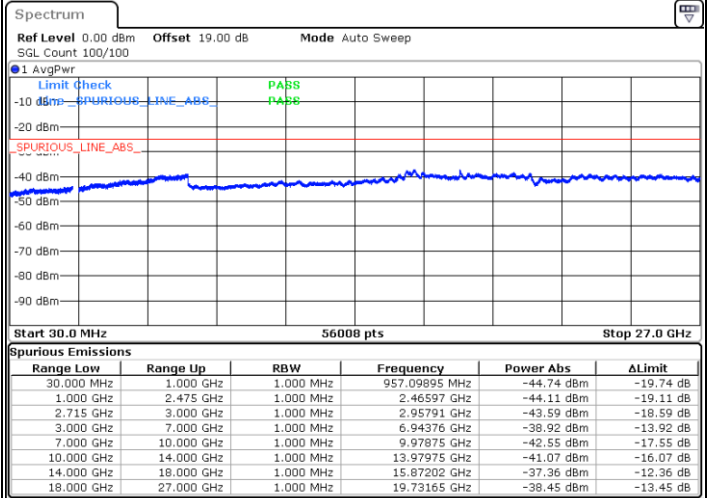
LTE Band 41 / 10MHz

Lowest Channel / QPSK



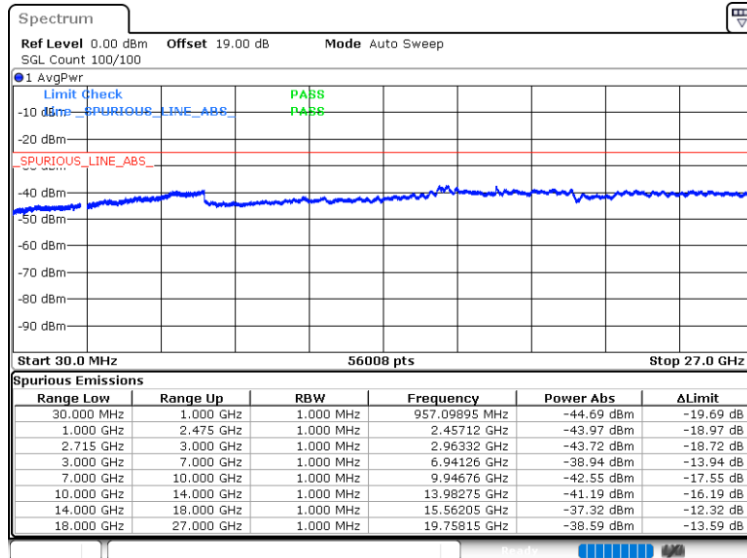
Date: 5.AUG.2024 16:56:46

Middle Channel / QPSK



Date: 5.AUG.2024 16:57:56

Highest Channel / QPSK

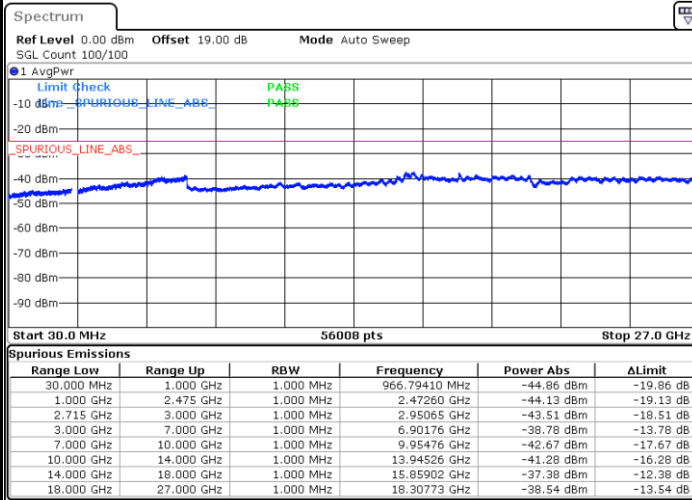


Date: 5.AUG.2024 17:06:04



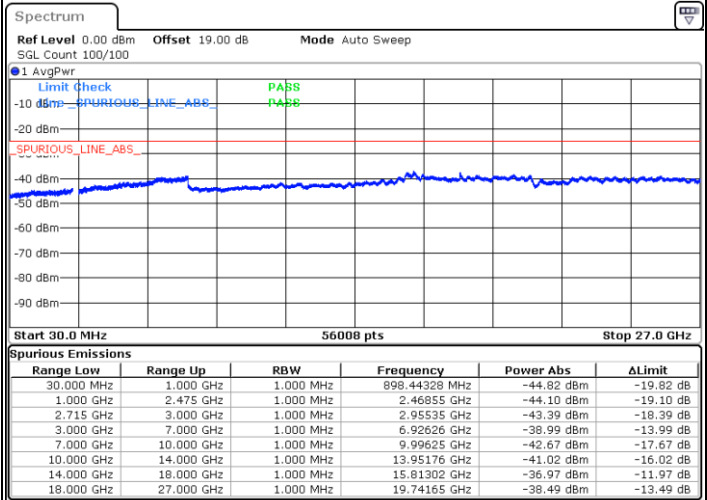
LTE Band 41 / 15MHz

Lowest Channel / QPSK



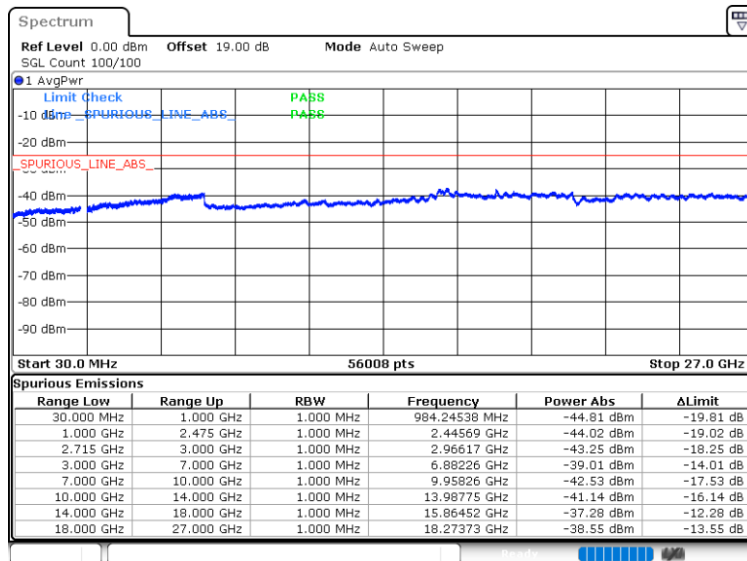
Date: 5.AUG.2024 17:14:14

Middle Channel / QPSK



Date: 5.AUG.2024 17:15:24

Highest Channel / QPSK

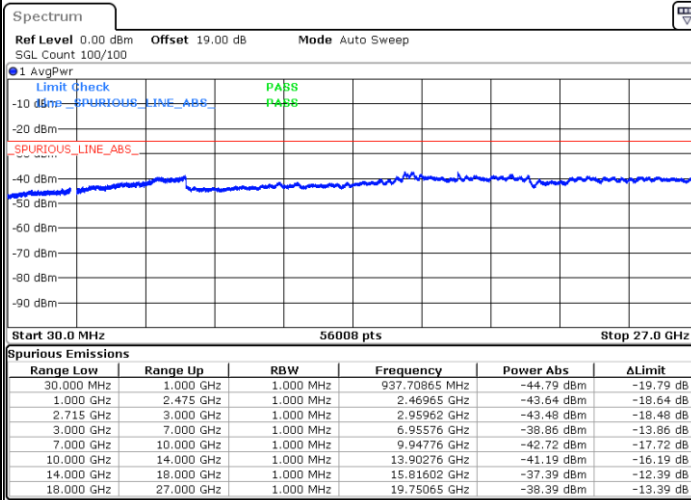


Date: 5.AUG.2024 17:23:32



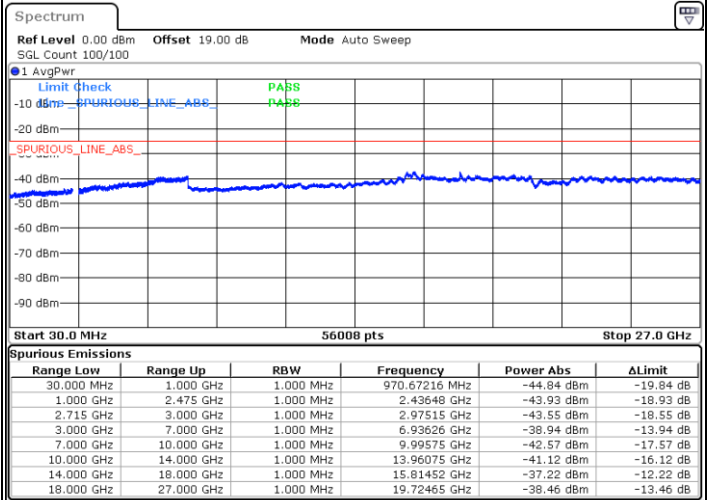
LTE Band 41 / 20MHz

Lowest Channel / QPSK



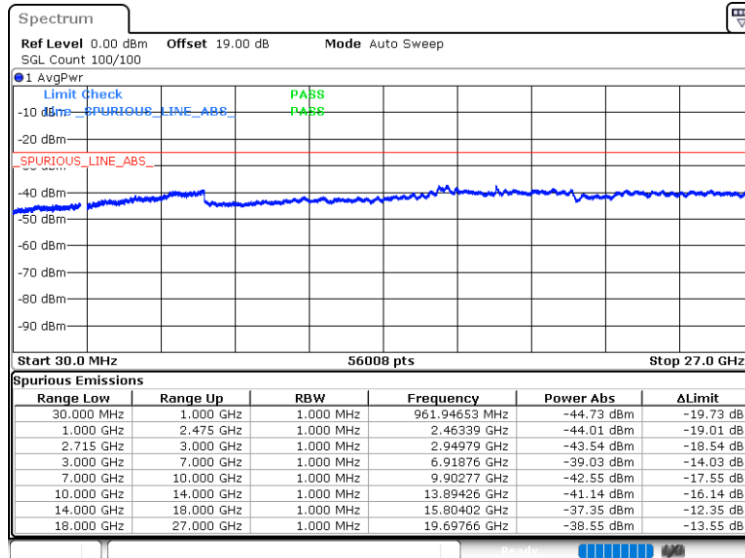
Date: 5.AUG.2024 17:31:43

Middle Channel / QPSK



Date: 5.AUG.2024 17:32:53

Highest Channel / QPSK



Date: 5.AUG.2024 17:42:24

**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	0.0003	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0042	
0	Normal Voltage	0.0052	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0051	
-30	Normal Voltage	0.0029	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0036	

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 7(Other PA)

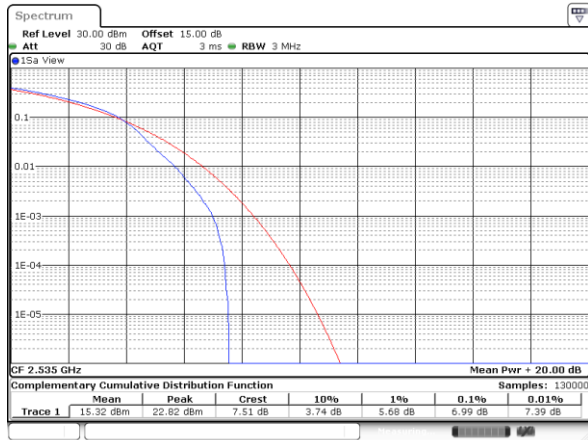
Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	6.99	7.39	7.54	PASS



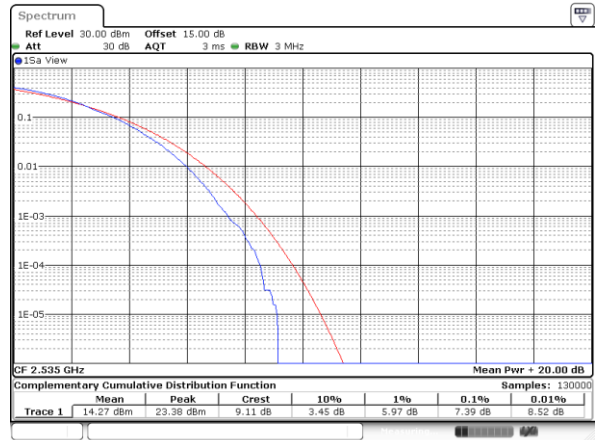
LTE Band 7 / 20MHz / QPSK

Middle Channel / Full RB



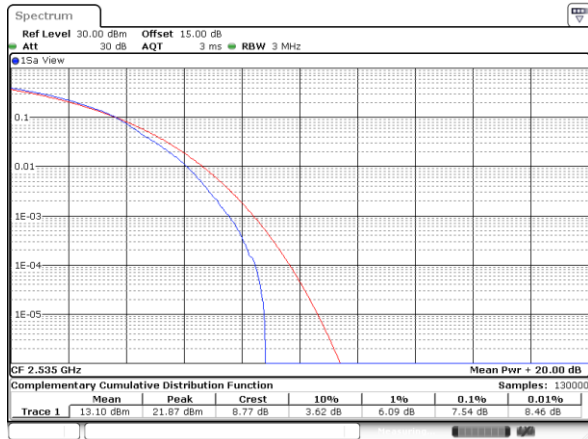
LTE Band 7 / 20MHz / 16QAM

Middle Channel / Full RB



LTE Band 7 / 20MHz / 64QAM

Middle Channel / Full RB





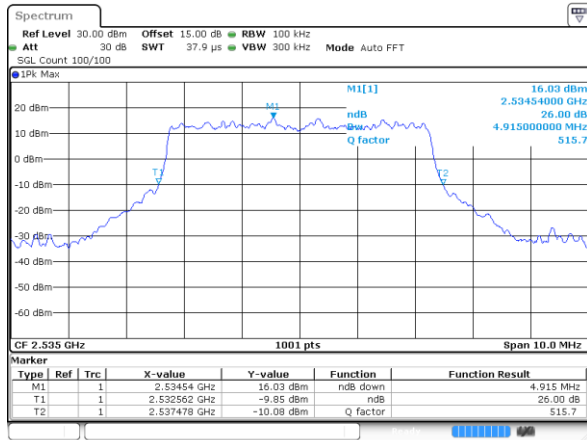
26dB Bandwidth

Mode	LTE Band 7 : 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	-	-	-	-	4.92	5.02	10.21	9.91	14.54	14.63	19.02	19.18



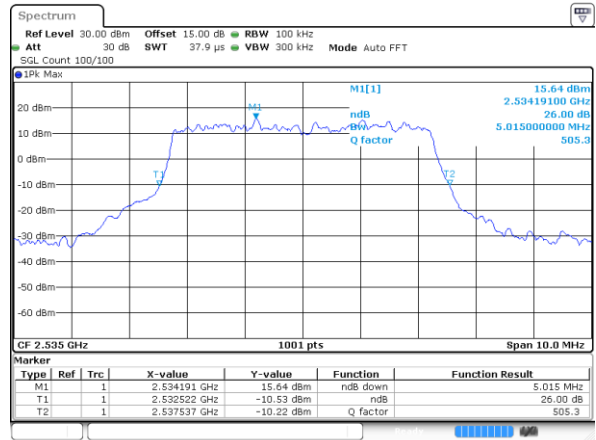
LTE Band 7

Middle Channel / 5MHz / QPSK



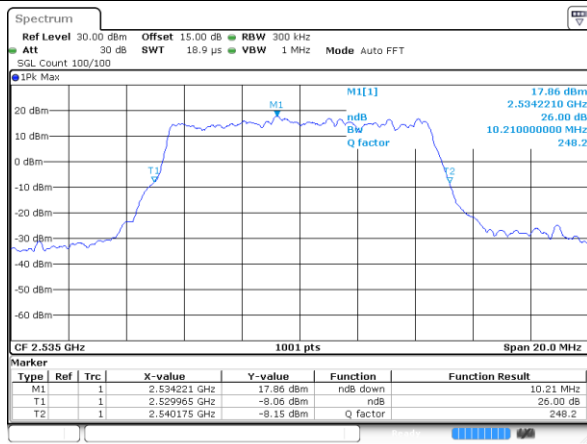
Date: 21 AUG 2024 17:18:52

Middle Channel / 5MHz / 16QAM



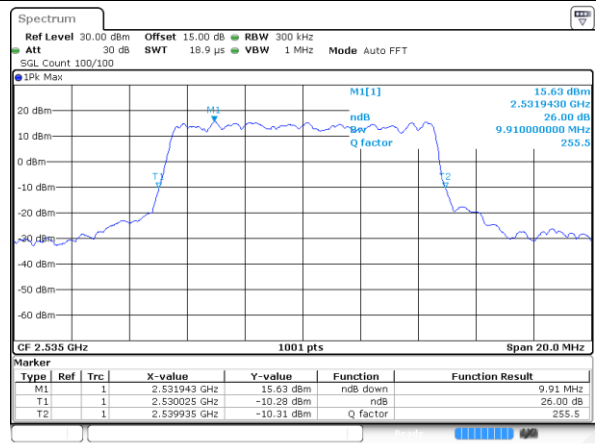
Date: 21 AUG 2024 17:19:32

Middle Channel / 10MHz / QPSK



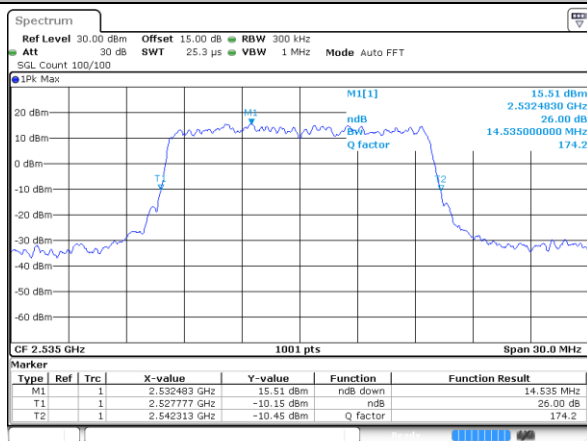
Date: 21 AUG 2024 17:38:06

Middle Channel / 10MHz / 16QAM



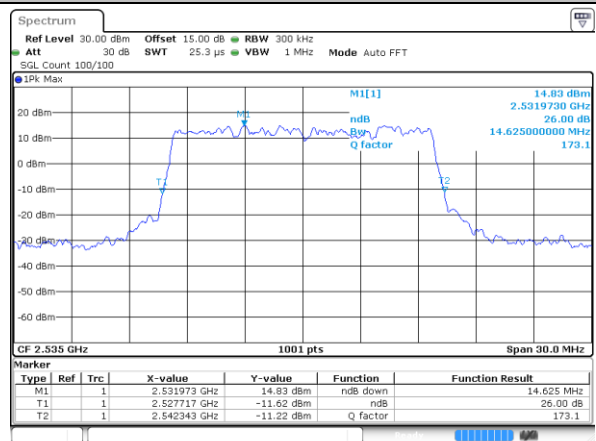
Date: 21 AUG 2024 17:38:45

Middle Channel / 15MHz / QPSK



Date: 21 AUG 2024 17:56:41

Middle Channel / 15MHz / 16QAM

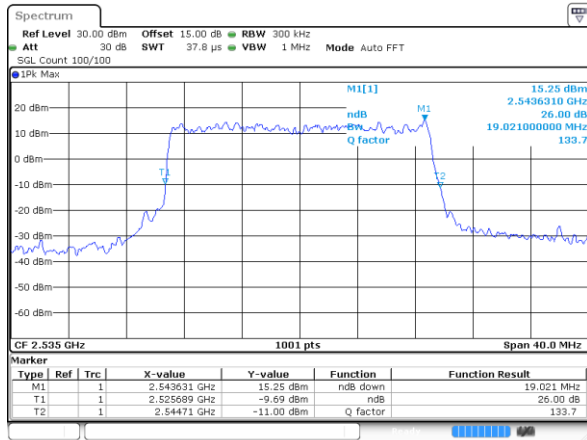


Date: 21 AUG 2024 17:57:20

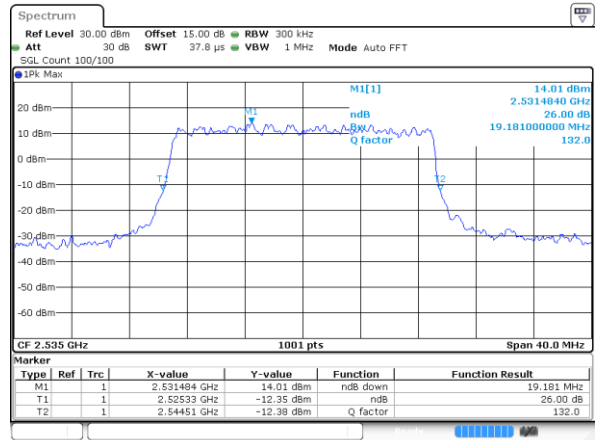


LTE Band 7

Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM





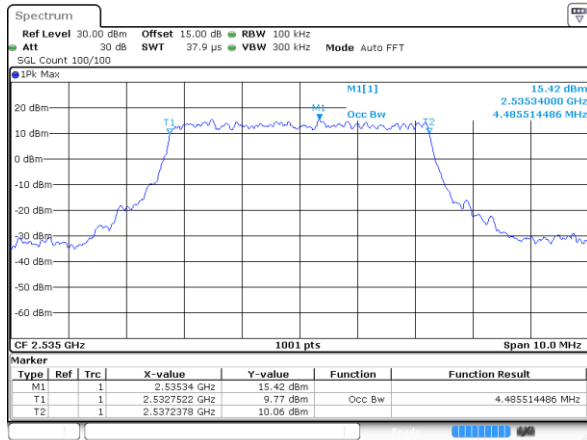
Occupied Bandwidth

Mode	LTE Band 7 : 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	4.48	9.03	8.99	13.43	13.43	17.86	17.82

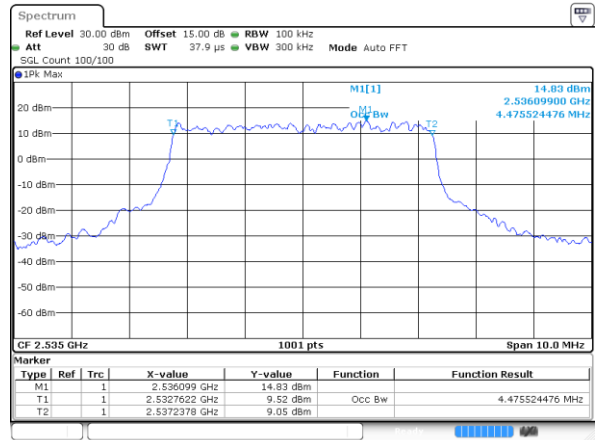


LTE Band 7

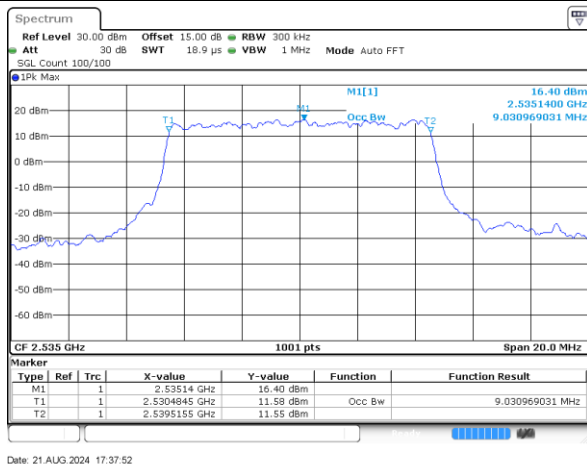
Middle Channel / 5MHz / QPSK



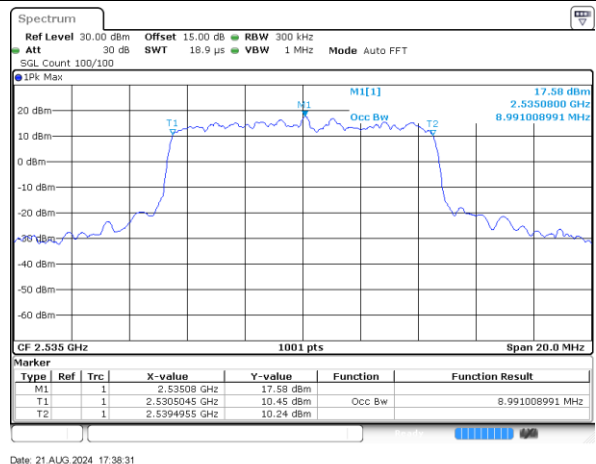
Middle Channel / 5MHz / 16QAM



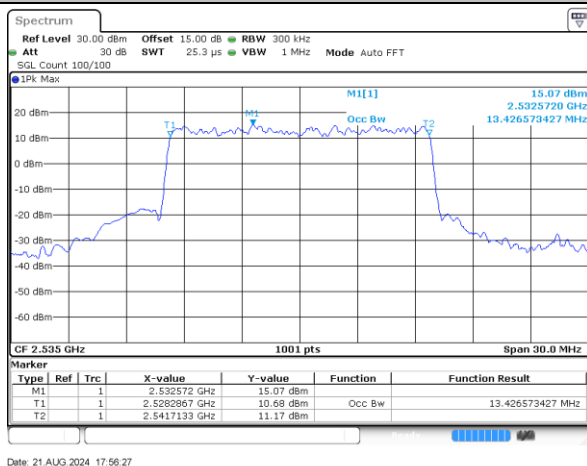
Middle Channel / 10MHz / QPSK



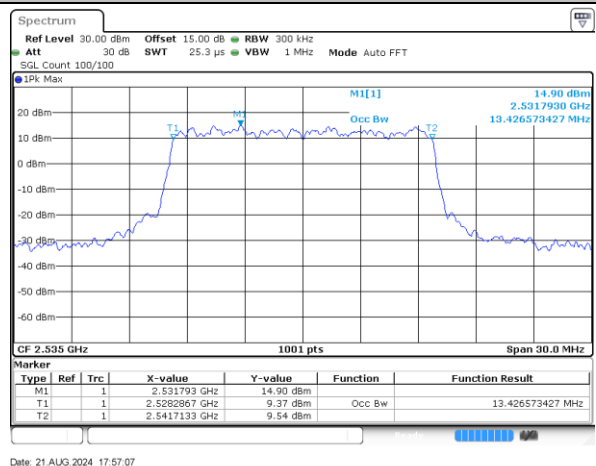
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



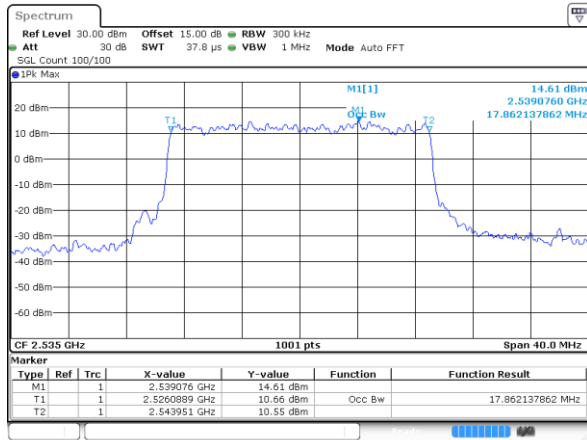
Middle Channel / 15MHz / 16QAM





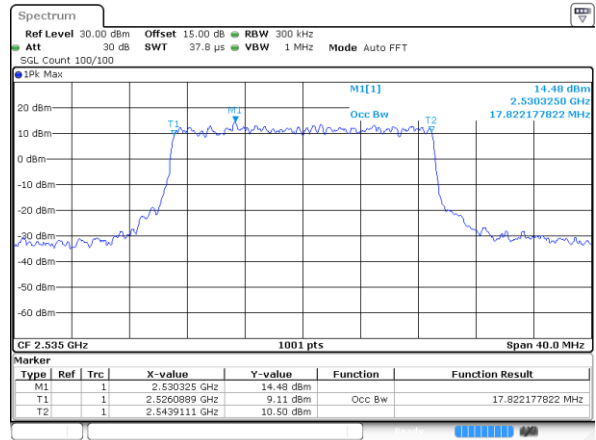
LTE Band 7

Middle Channel / 20MHz / QPSK



Date: 21 AUG 2024 18:44:32

Middle Channel / 20MHz / 16QAM



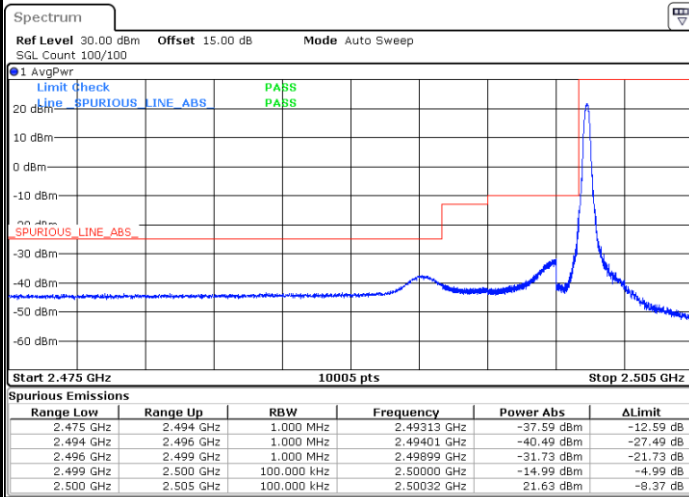
Date: 21 AUG 2024 18:45:11



Conducted Band Edge

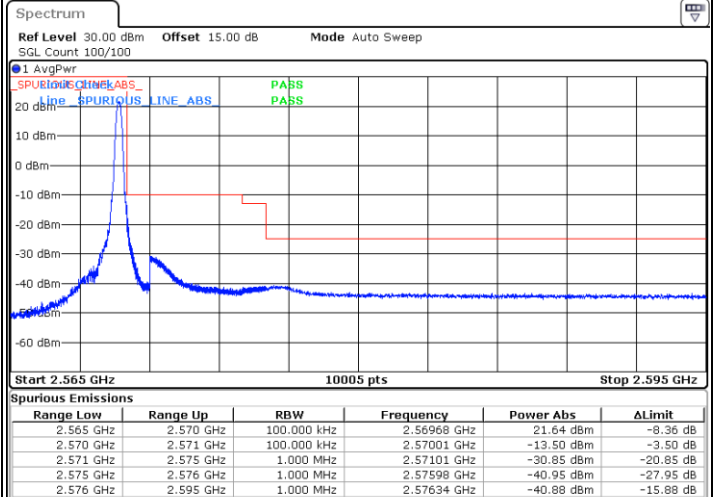
LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB



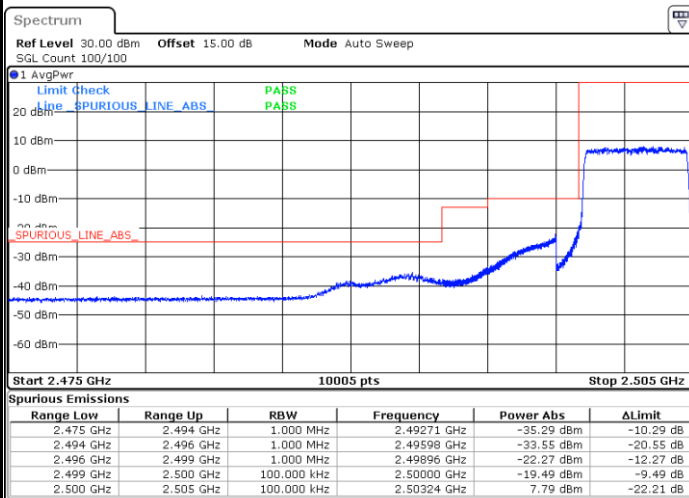
Date: 21 AUG 2024 17:11:42

Highest Band Edge / 1 RB



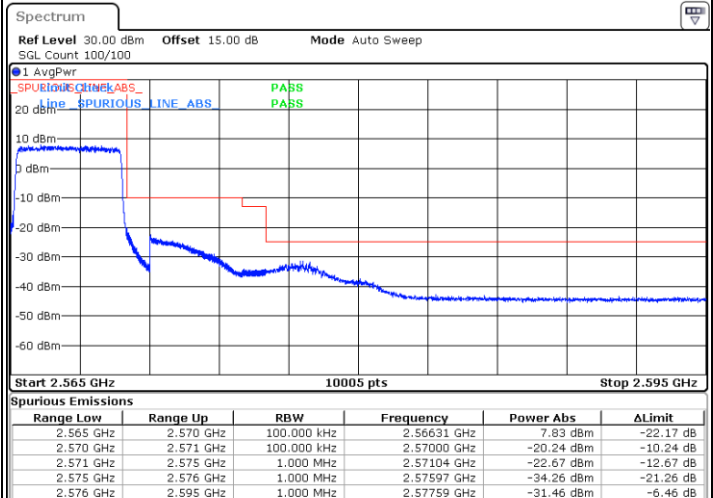
Date: 21 AUG 2024 17:20:22

Lowest Band Edge / Full RB



Date: 21 AUG 2024 17:14:17

Highest Band Edge / Full RB

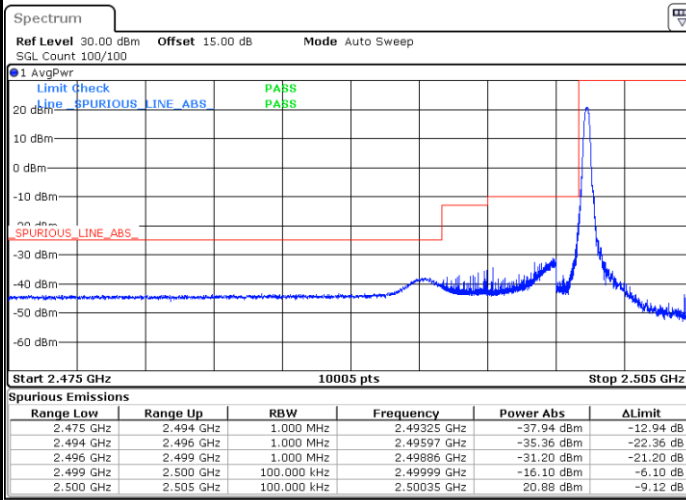


Date: 21 AUG 2024 17:22:56



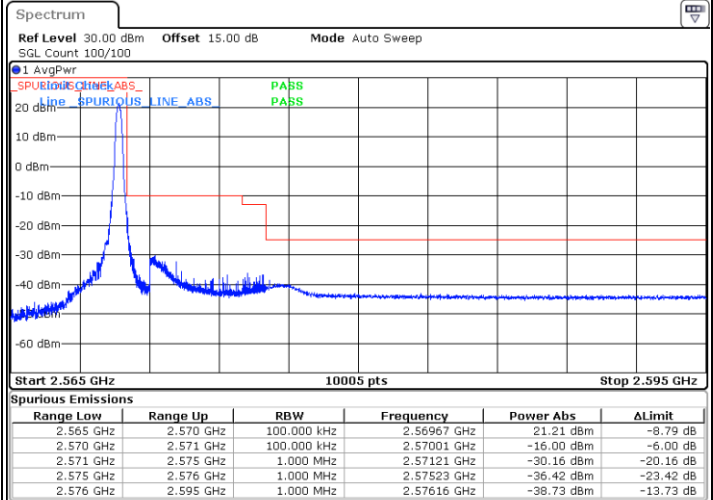
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



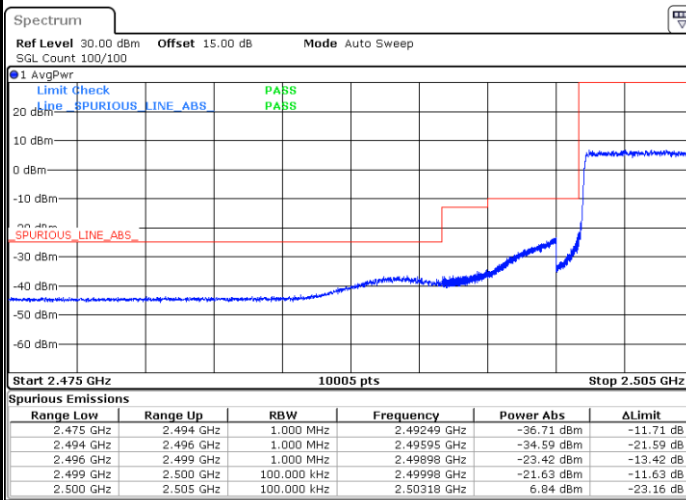
Date: 21 AUG. 2024 17:12:34

Highest Band Edge / 1 RB



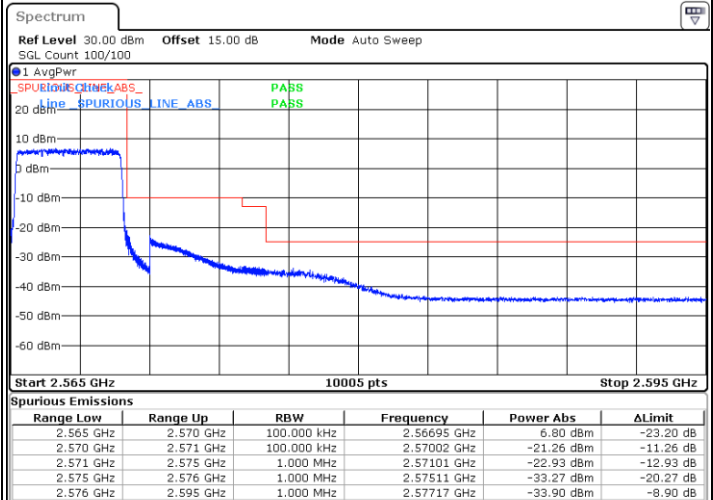
Date: 21 AUG. 2024 17:21:13

Lowest Band Edge / Full RB



Date: 21 AUG. 2024 17:15:10

Highest Band Edge / Full RB

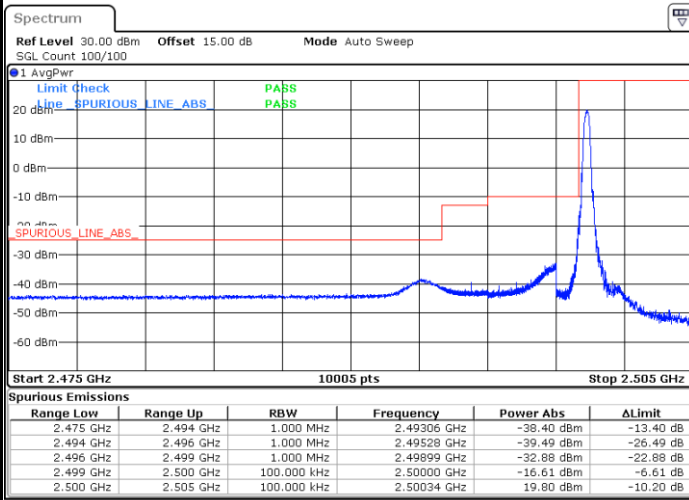


Date: 21 AUG. 2024 17:23:47



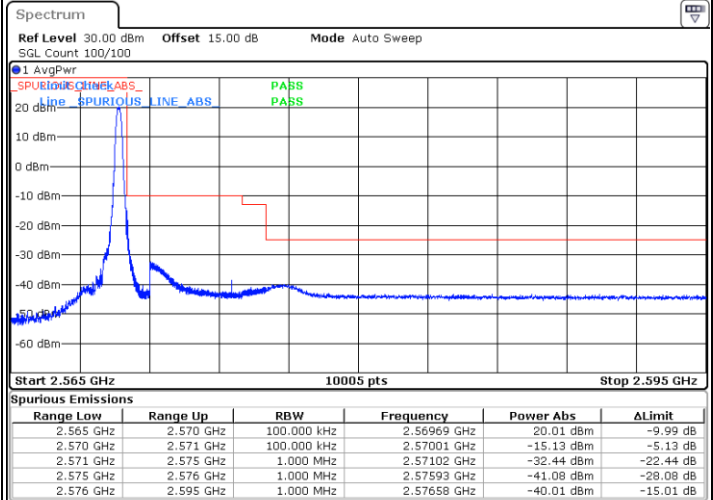
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



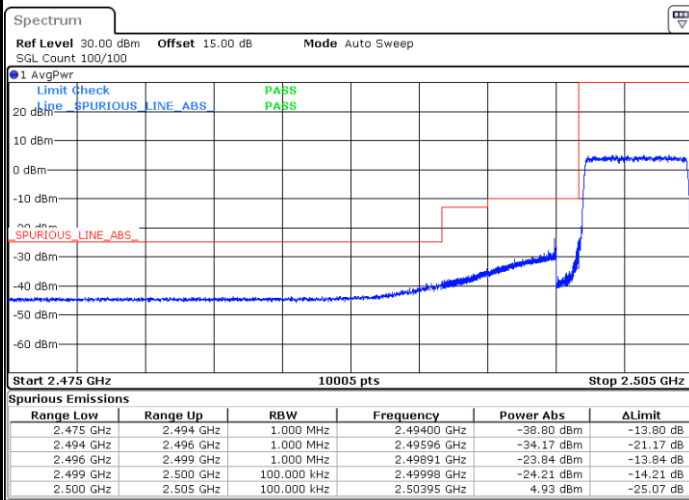
Date: 21 AUG. 2024 17:13:25

Highest Band Edge / 1 RB



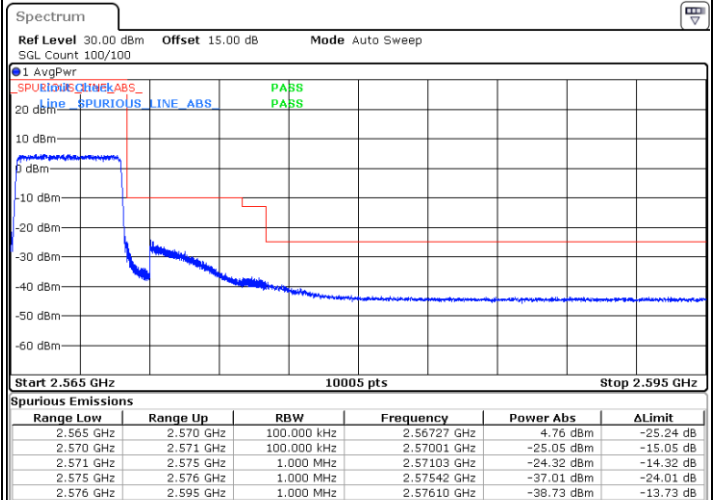
Date: 21 AUG. 2024 17:22:05

Lowest Band Edge / Full RB



Date: 21 AUG. 2024 17:16:02

Highest Band Edge / Full RB



Date: 21 AUG. 2024 17:24:40