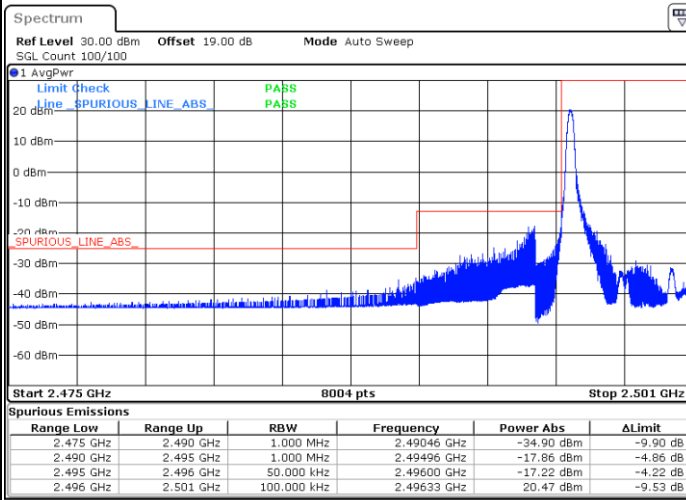


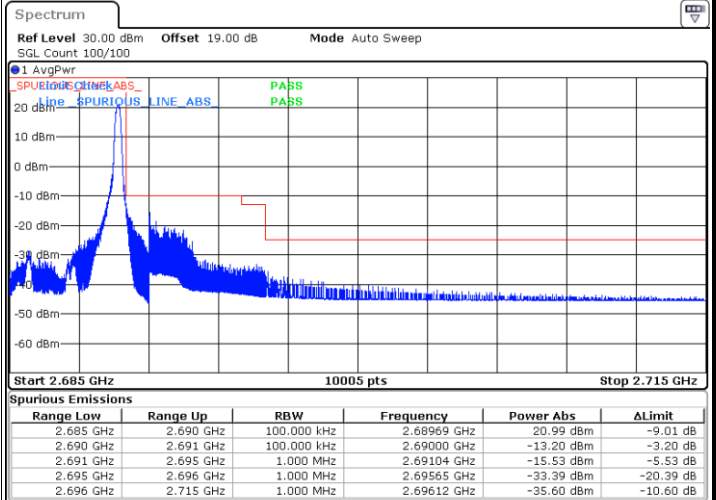


LTE Band 41 / 5MHz / 16QAM

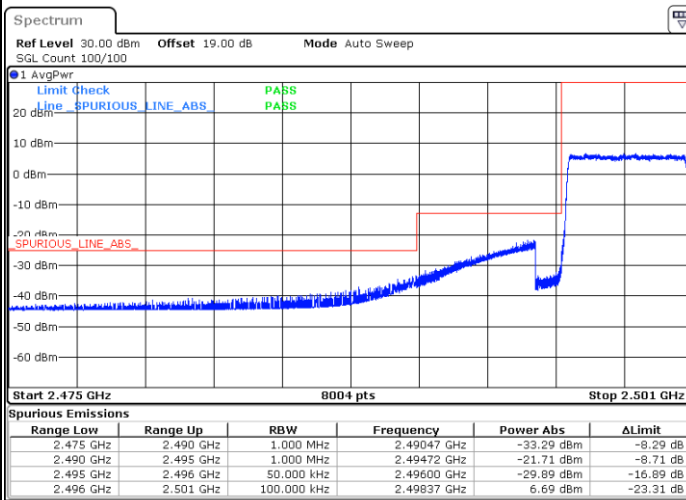
Lowest Band Edge / 1RB



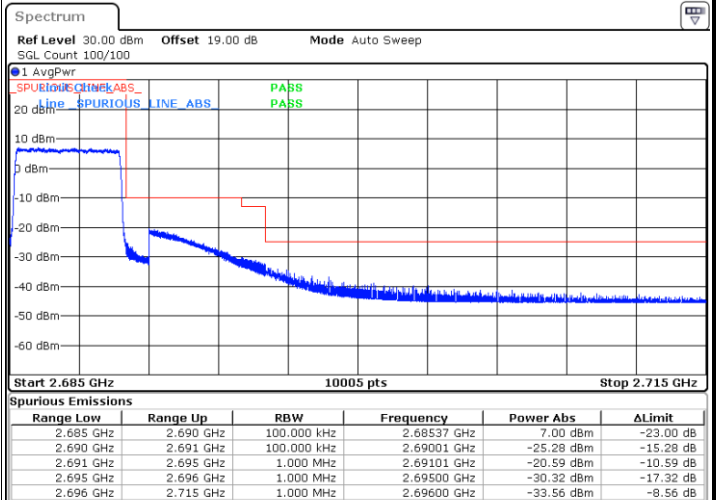
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



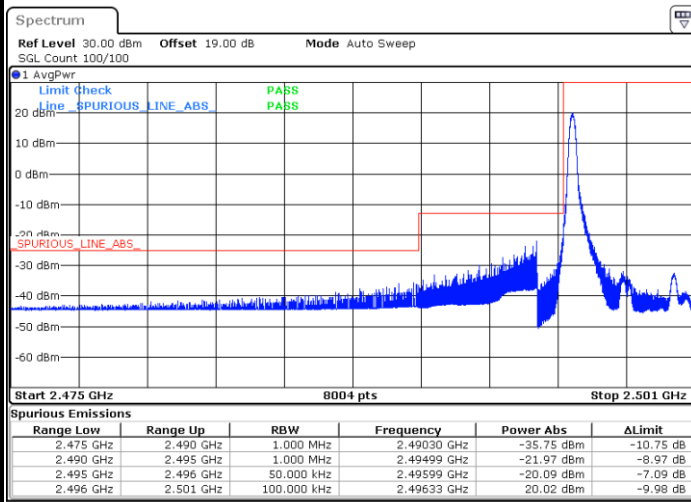
Highest Band Edge / Full RB



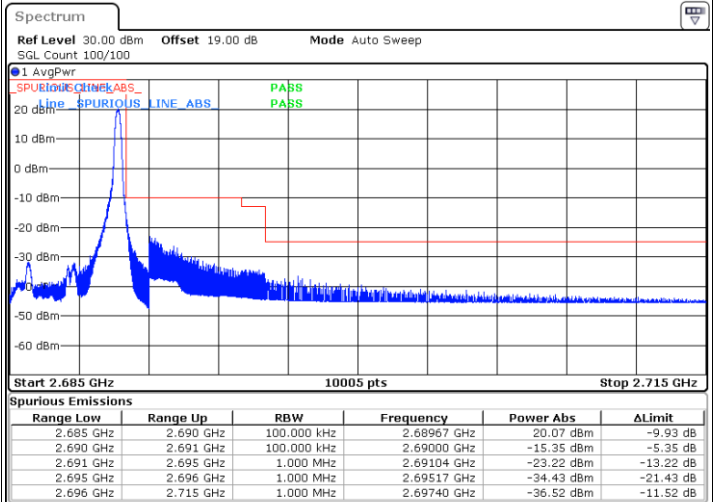


LTE Band 41 / 5MHz / 64QAM

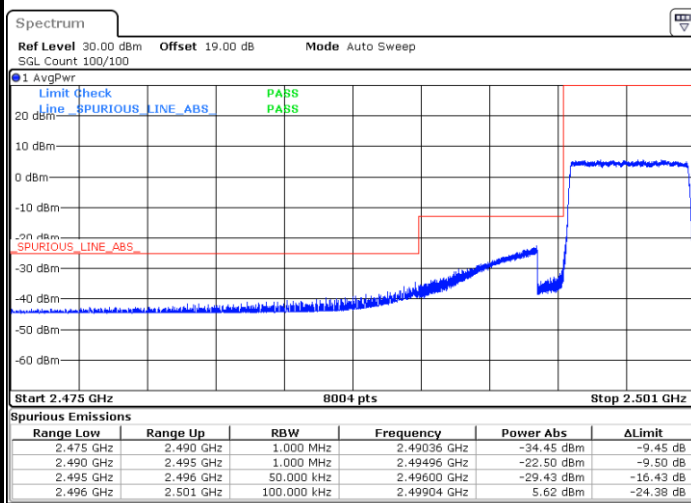
Lowest Band Edge / 1RB



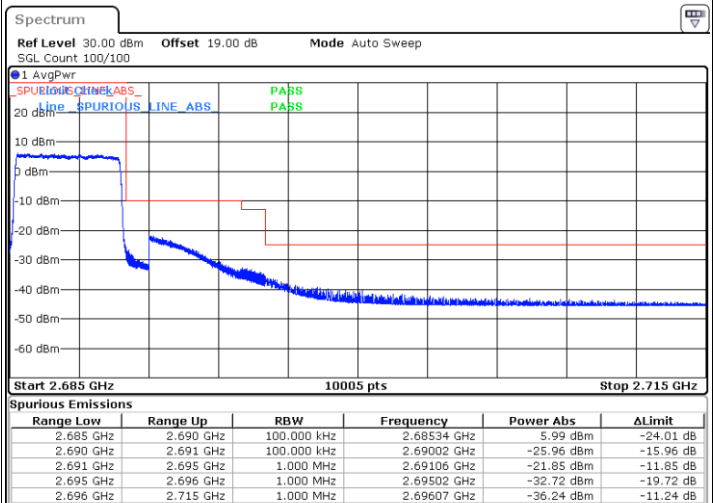
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



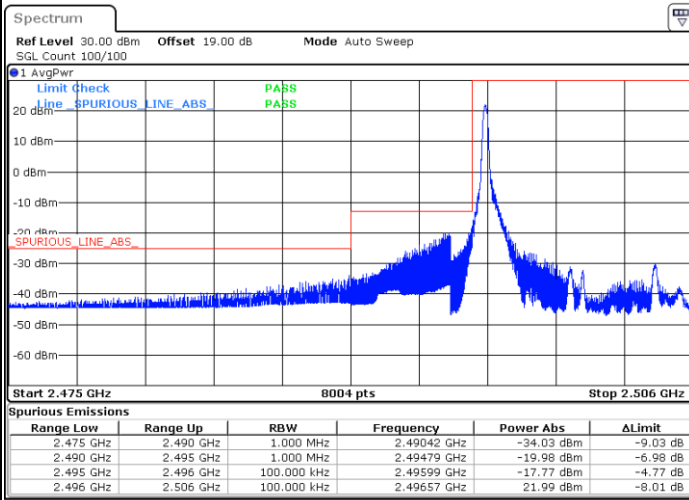
Highest Band Edge / Full RB



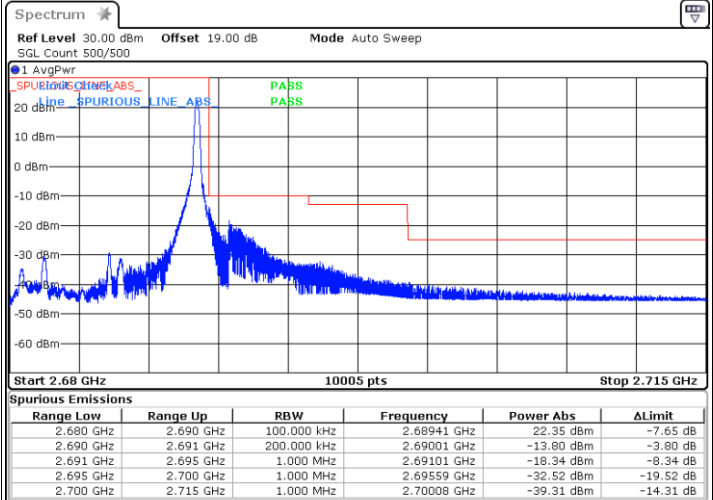


LTE Band 41 / 10MHz / QPSK

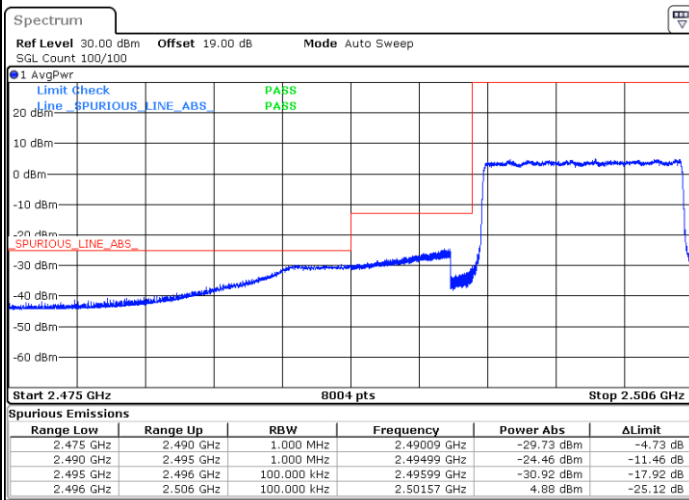
Lowest Band Edge / 1 RB



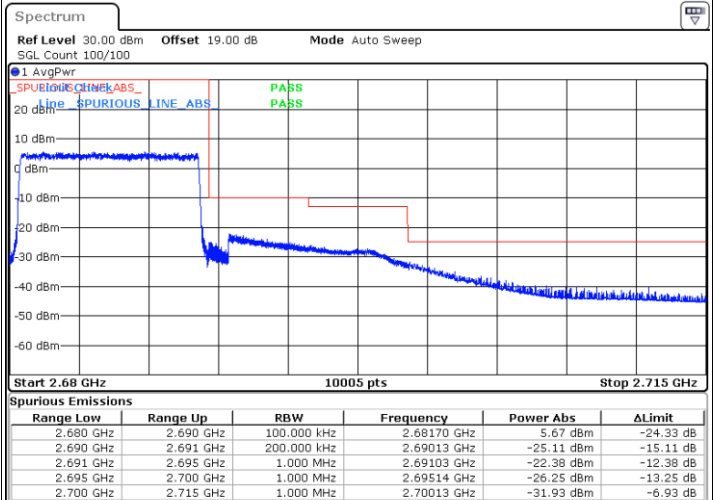
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



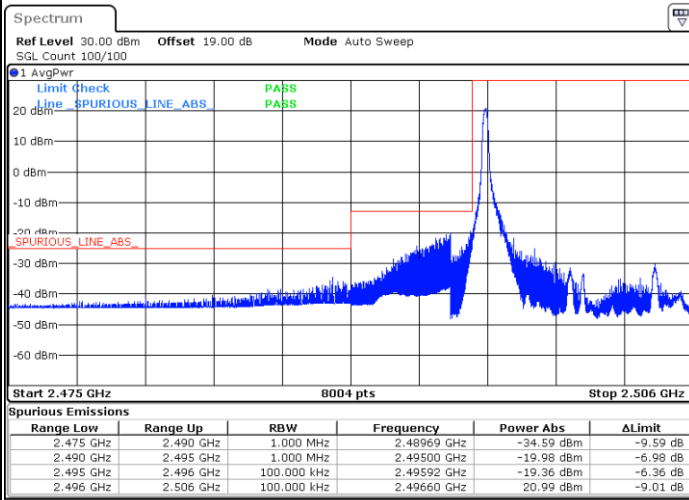
Highest Band Edge / Full RB



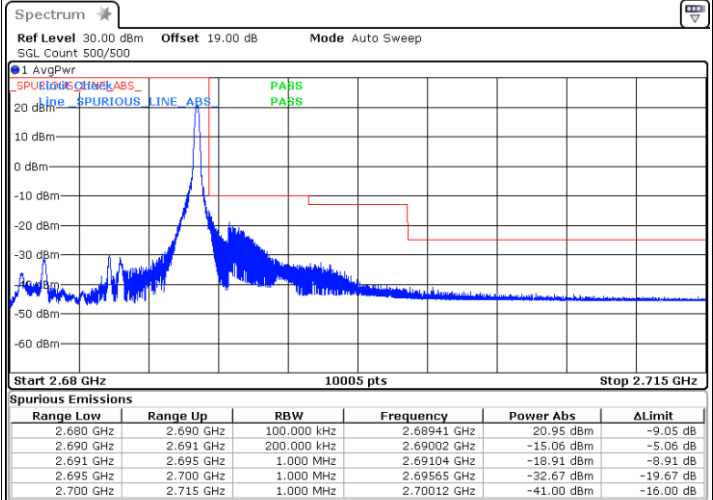


LTE Band 41 / 10MHz / 16QAM

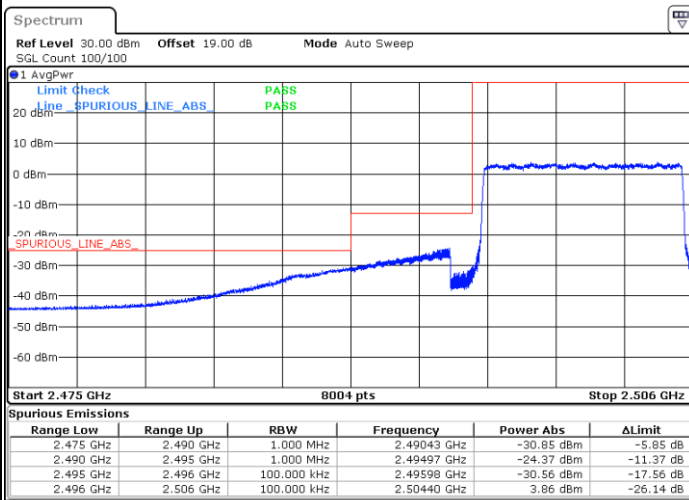
Lowest Band Edge / 1RB



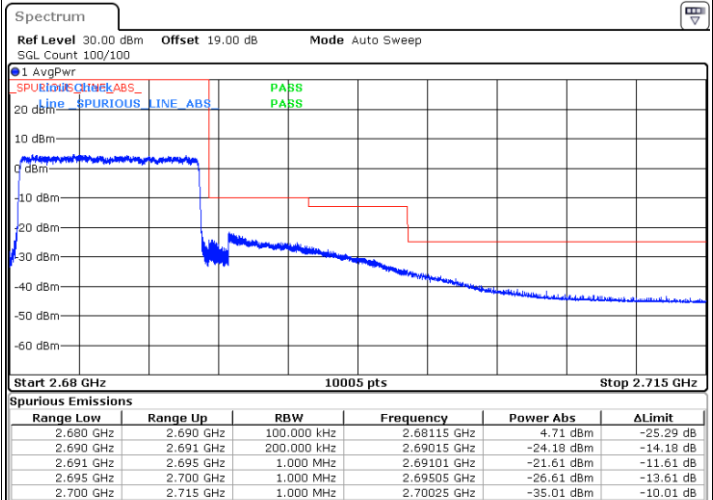
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



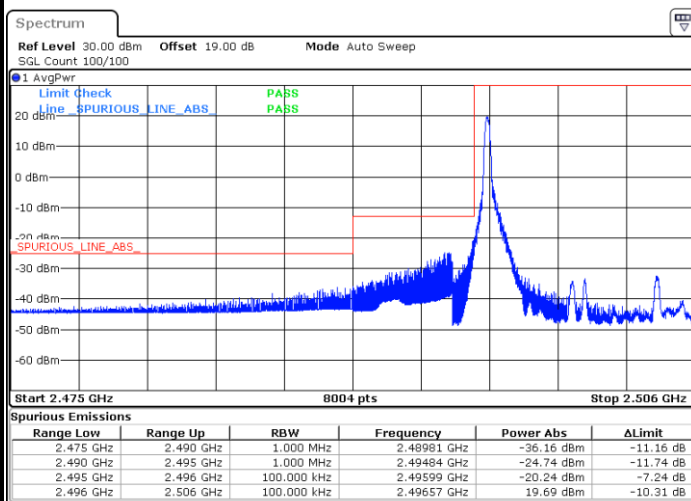
Highest Band Edge / Full RB



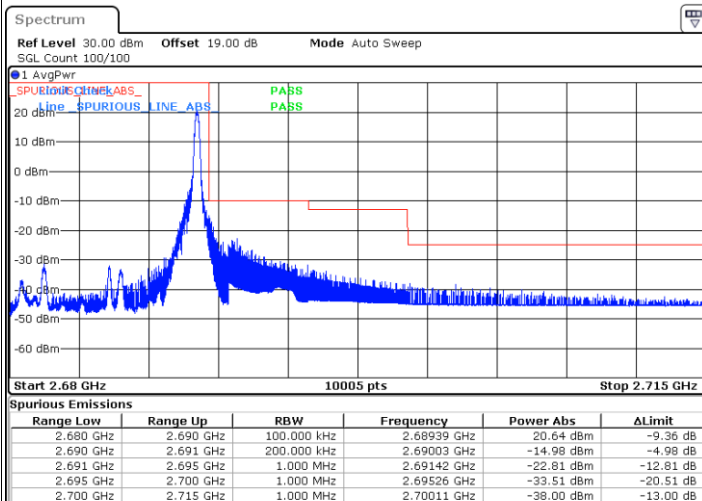


LTE Band 41 / 10MHz / 64QAM

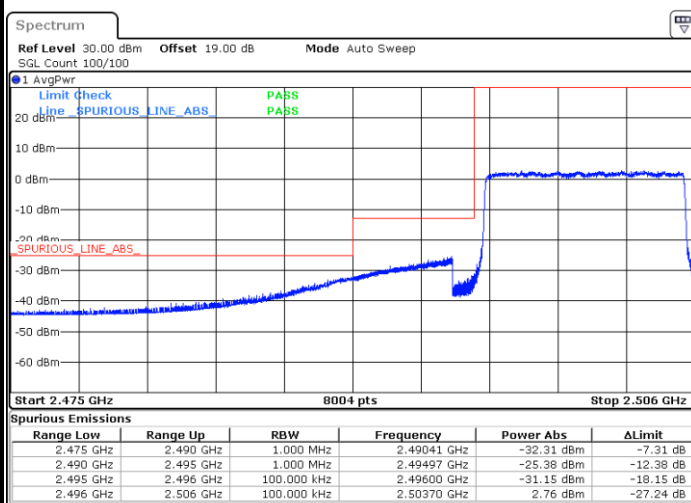
Lowest Band Edge / 1RB



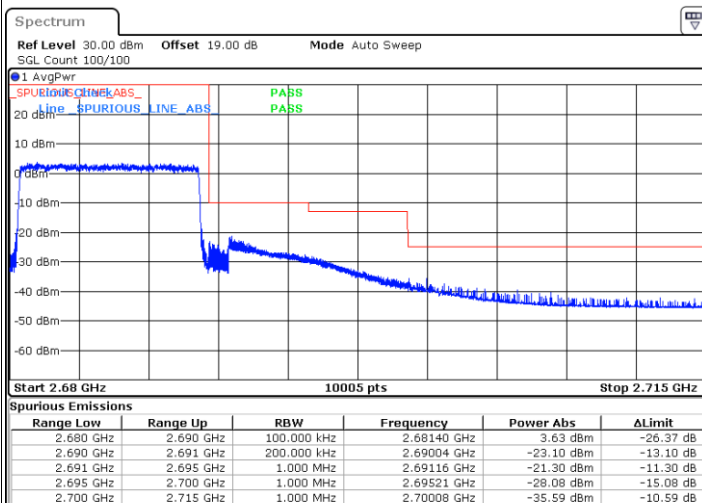
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



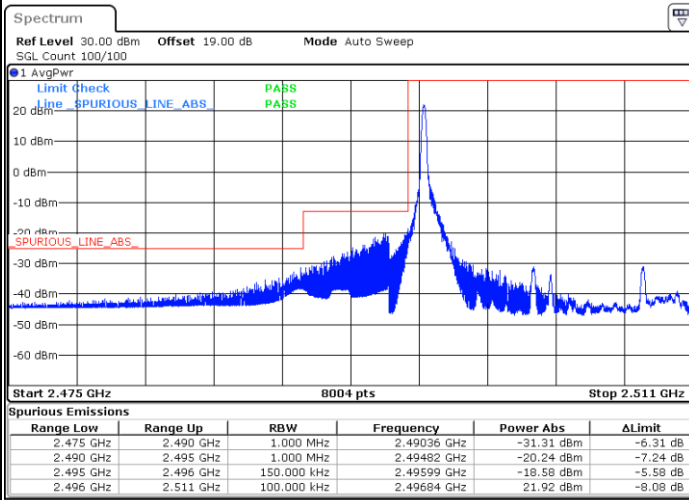
Highest Band Edge / Full RB



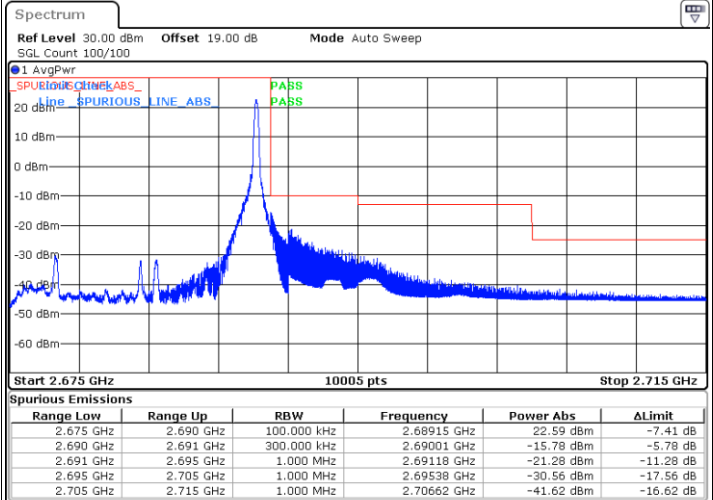


LTE Band 41 / 15MHz / QPSK

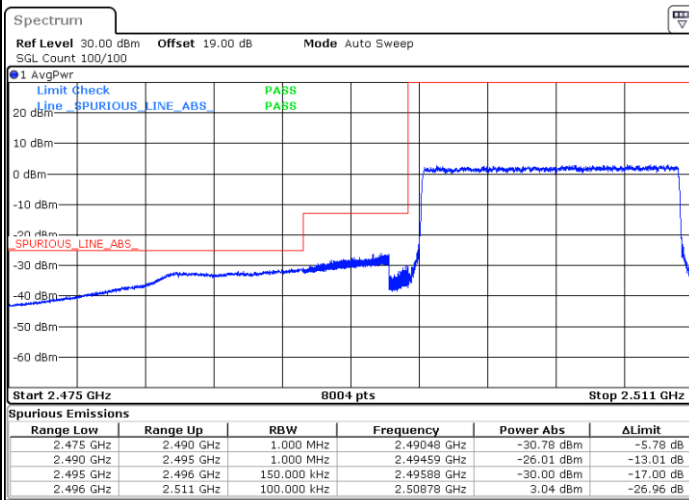
Lowest Band Edge / 1 RB



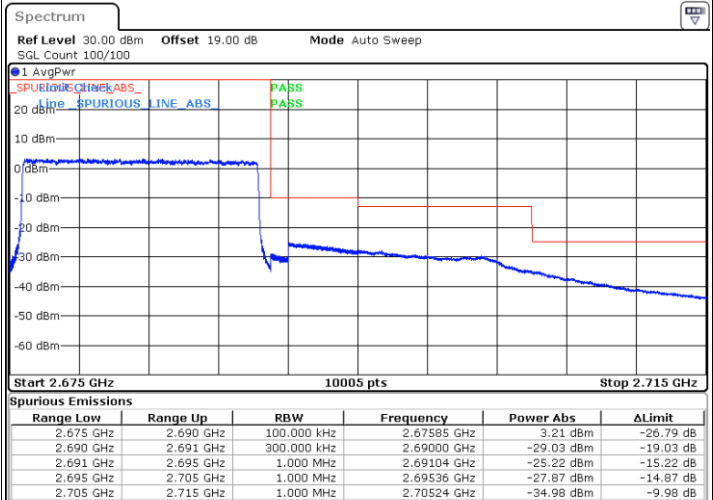
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



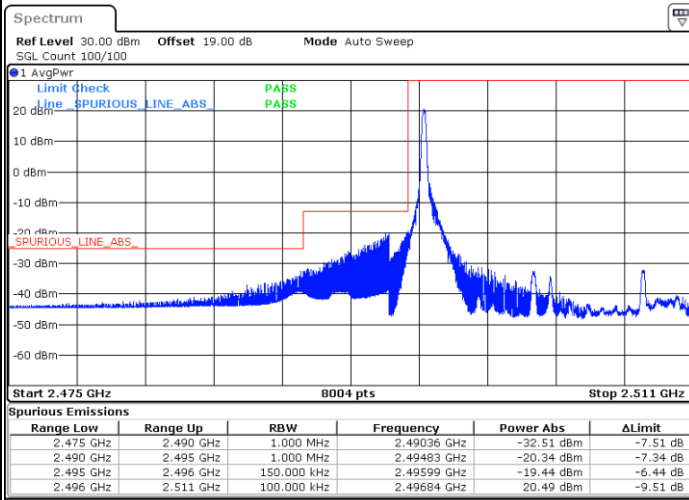
Highest Band Edge / Full RB



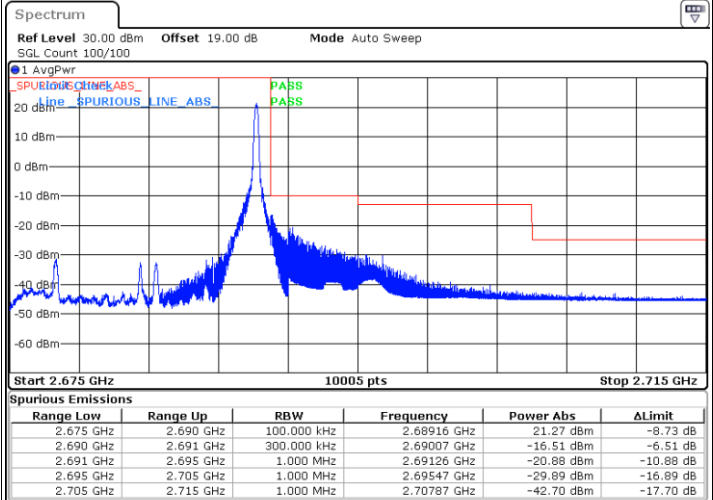


LTE Band 41 / 15MHz / 16QAM

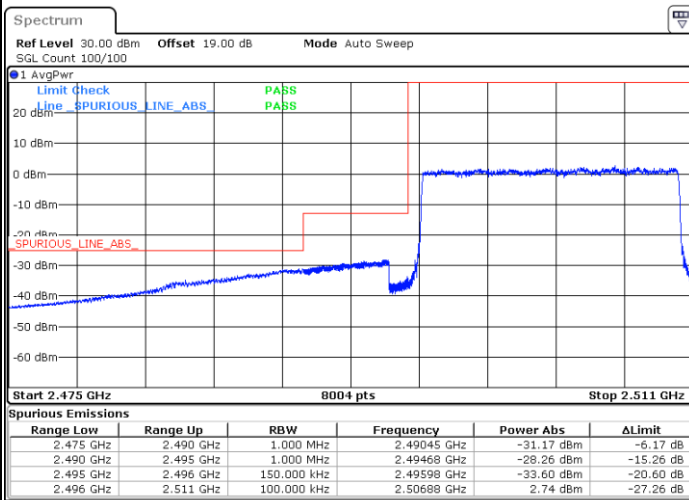
Lowest Band Edge / 1RB



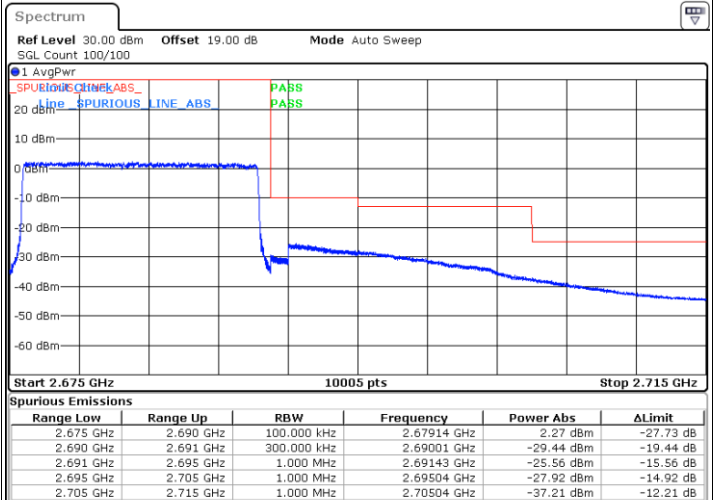
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



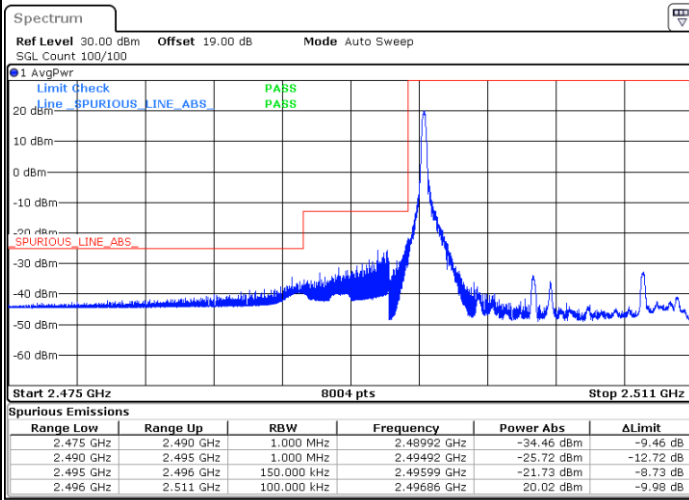
Highest Band Edge / Full RB



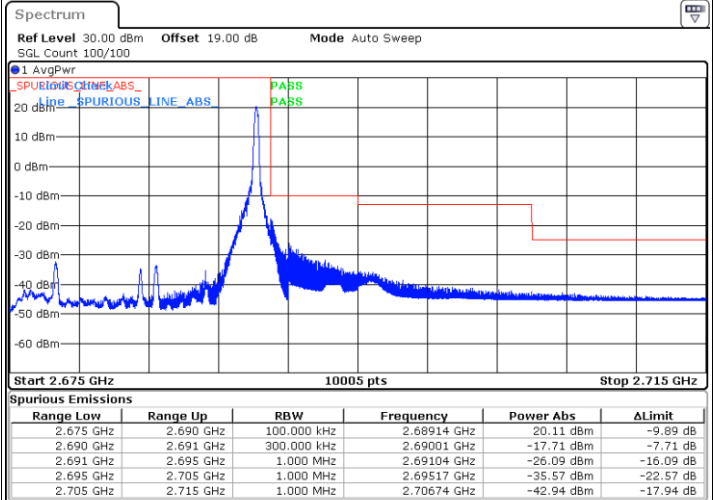


LTE Band 41 / 15MHz / 64QAM

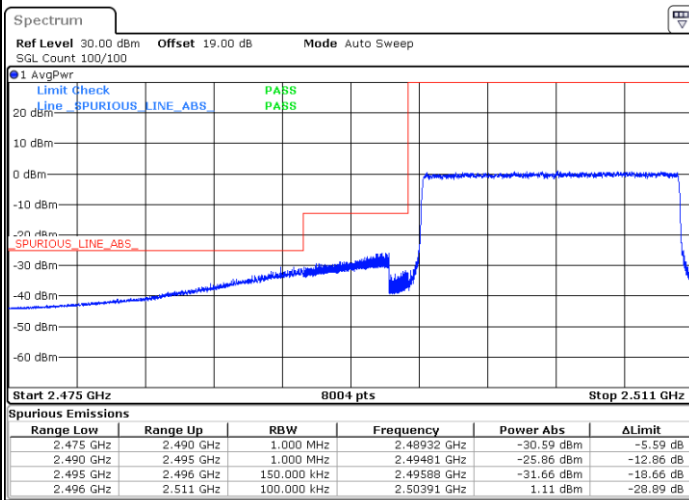
Lowest Band Edge / 1RB



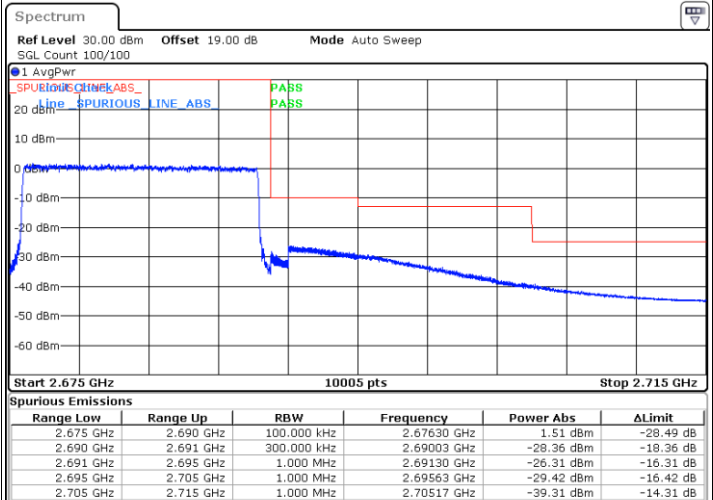
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



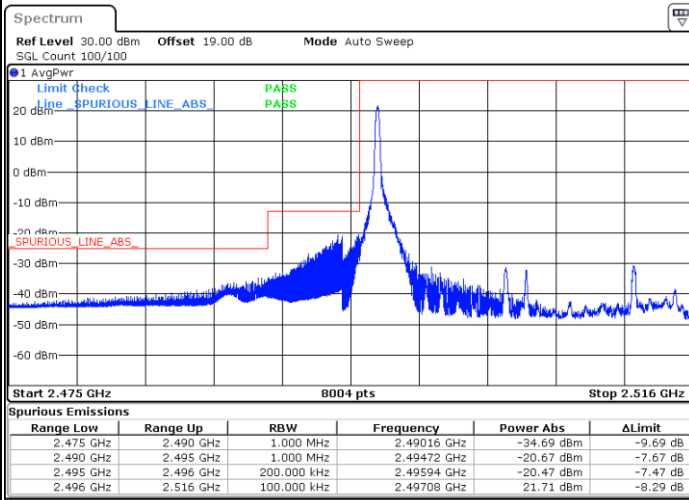
Highest Band Edge / Full RB



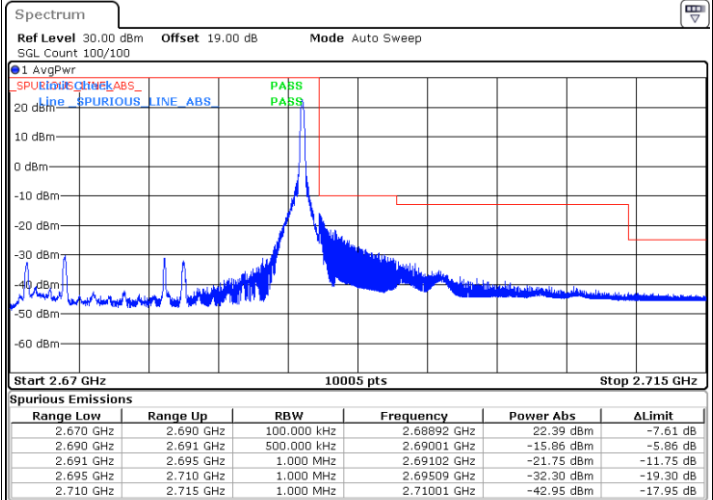


LTE Band 41 / 20MHz / QPSK

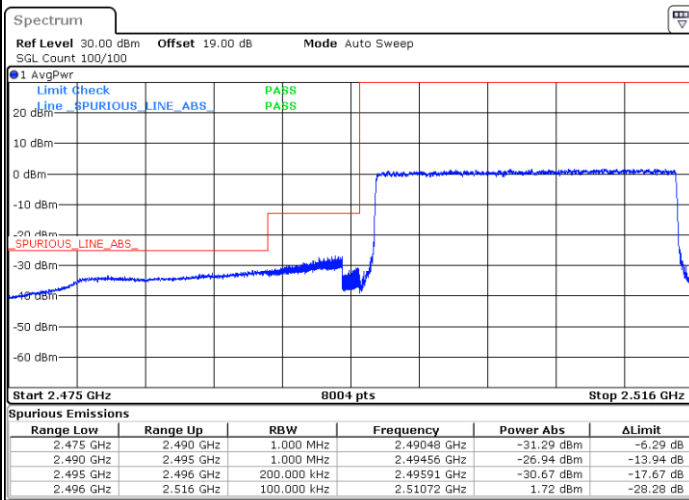
Lowest Band Edge / 1 RB



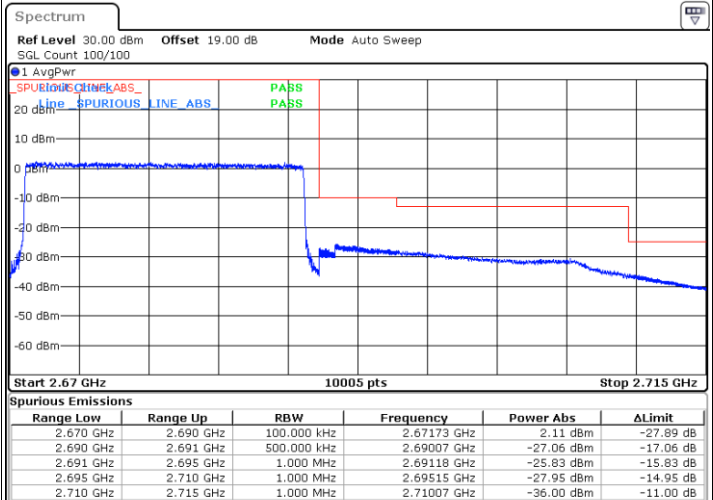
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



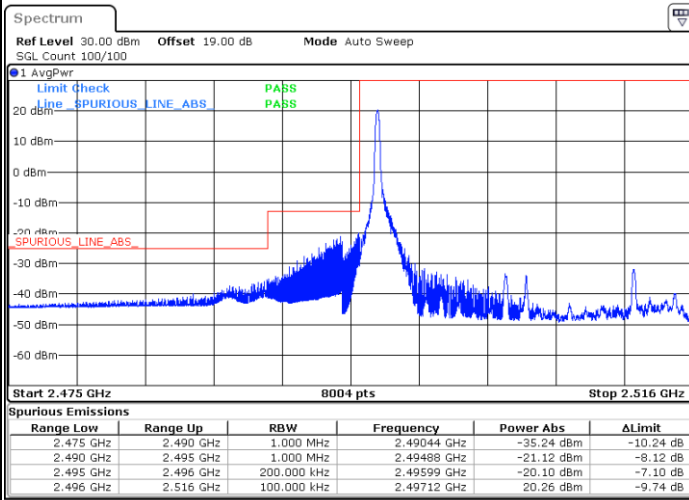
Highest Band Edge / Full RB



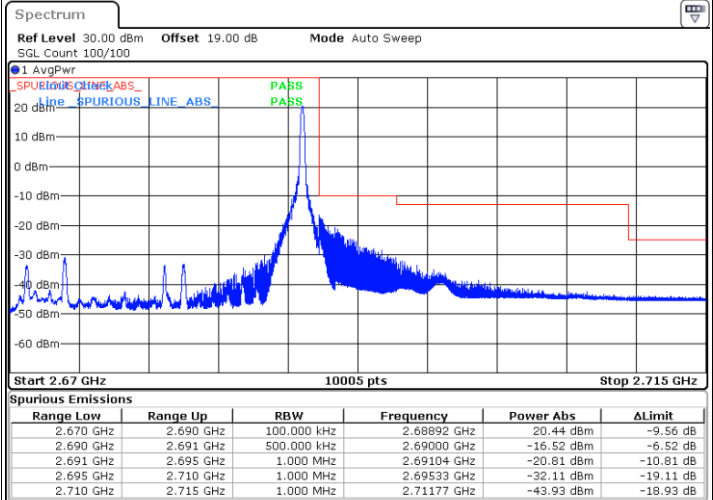


LTE Band 41 / 20MHz / 16QAM

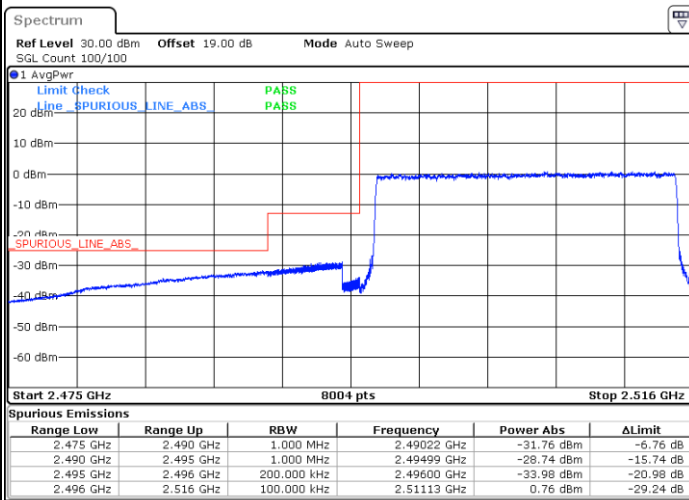
Lowest Band Edge / 1RB



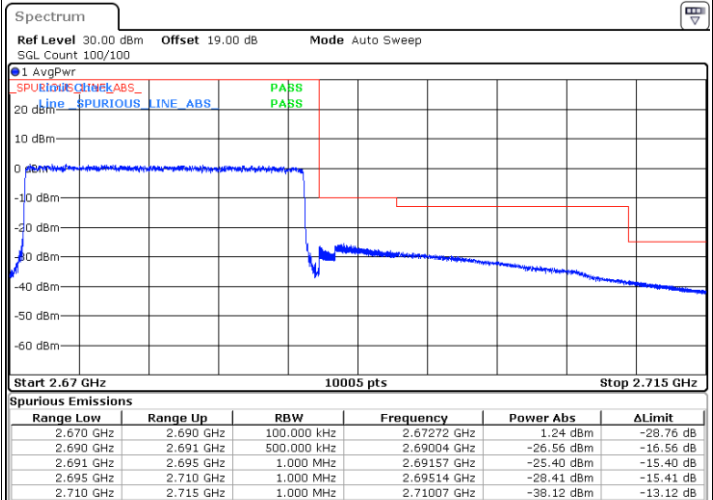
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



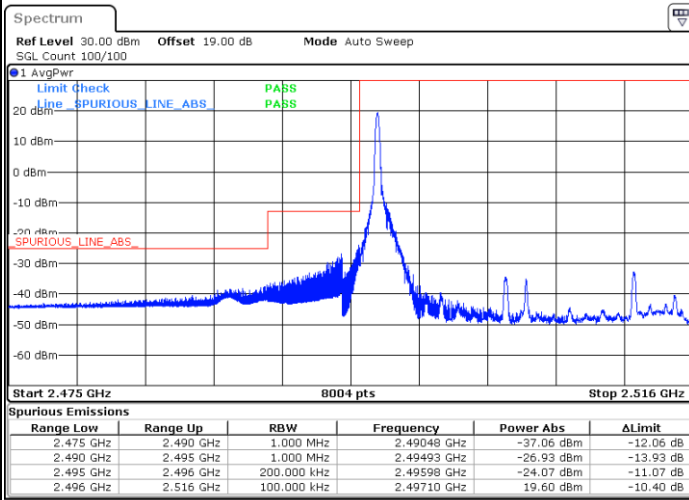
Highest Band Edge / Full RB



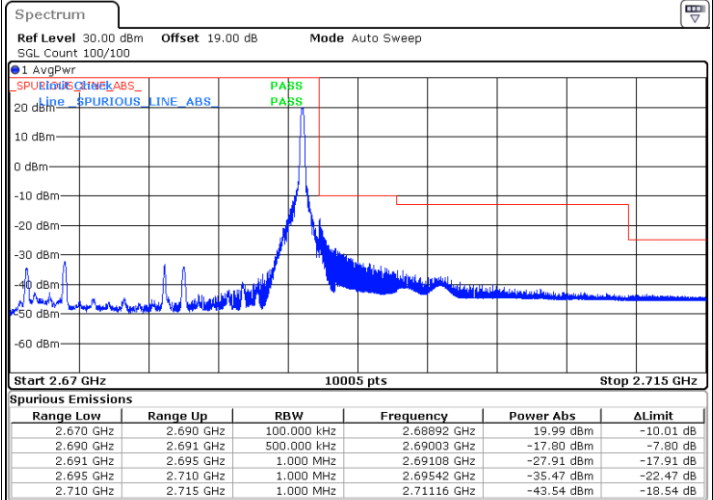


LTE Band 41 / 20MHz / 64QAM

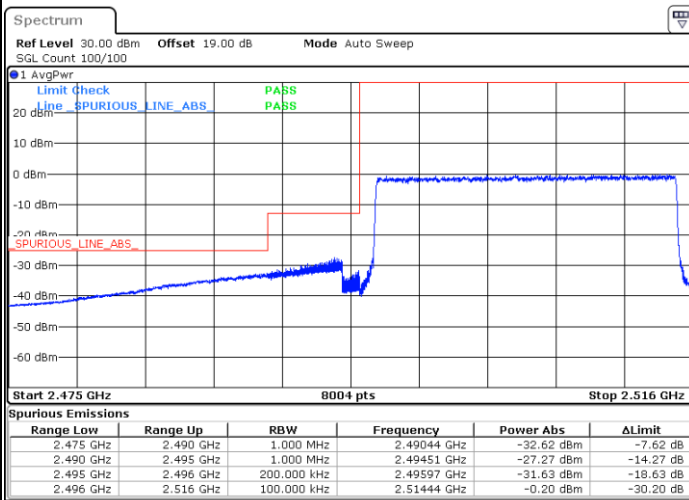
Lowest Band Edge / 1RB



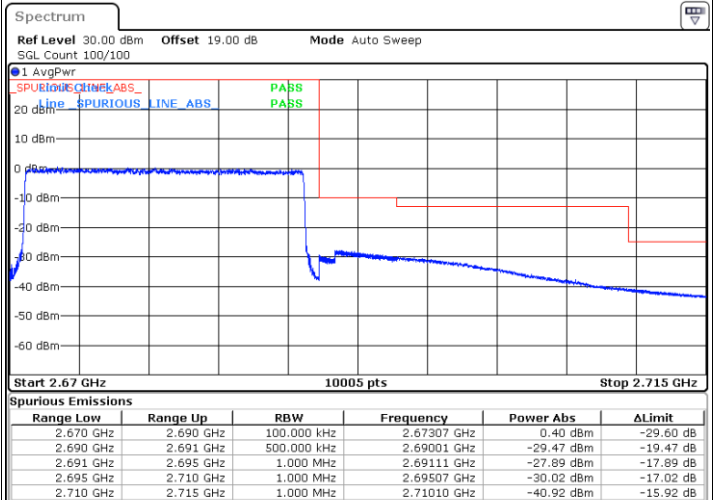
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

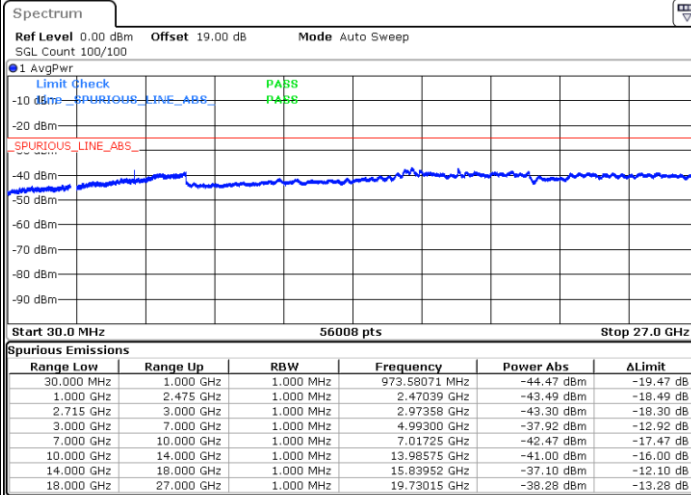




Conducted Spurious Emission

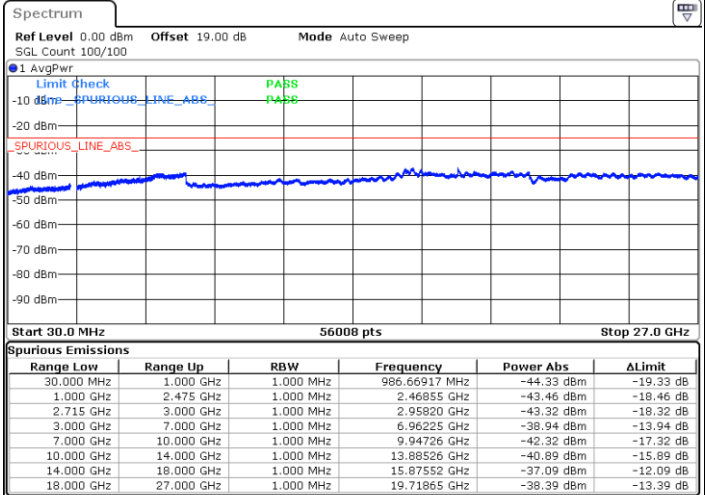
LTE Band 41 / 5MHz

Lowest Channel / QPSK



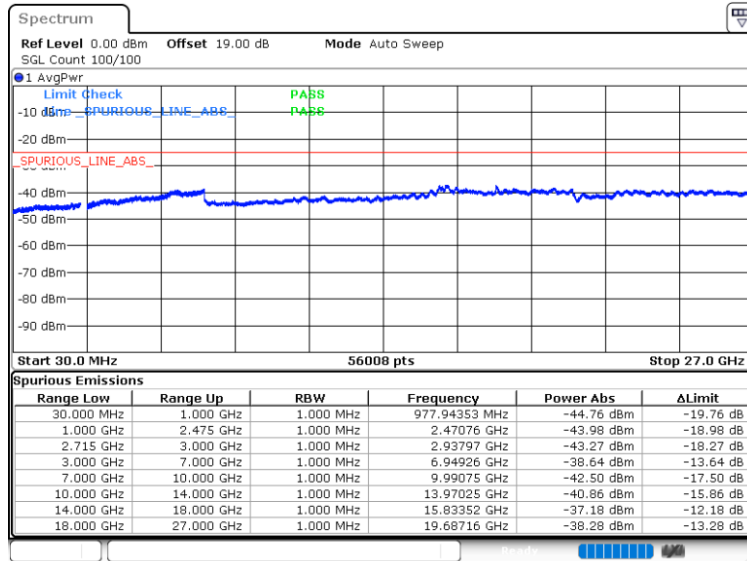
Date: 28.DEC.2023 01:45:08

Middle Channel / QPSK



Date: 28.DEC.2023 01:46:18

Highest Channel / QPSK

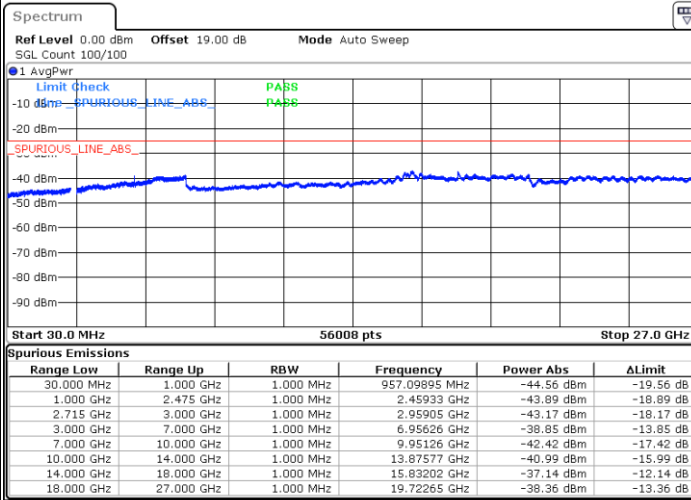


Date: 28.DEC.2023 01:55:17



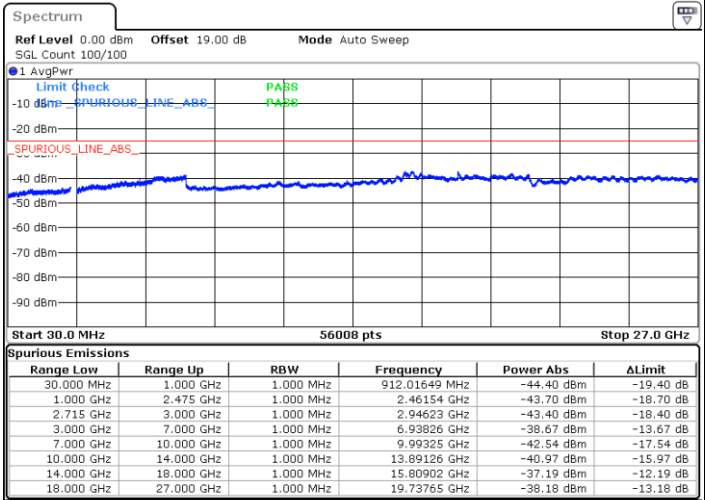
LTE Band 41 / 10MHz

Lowest Channel / QPSK



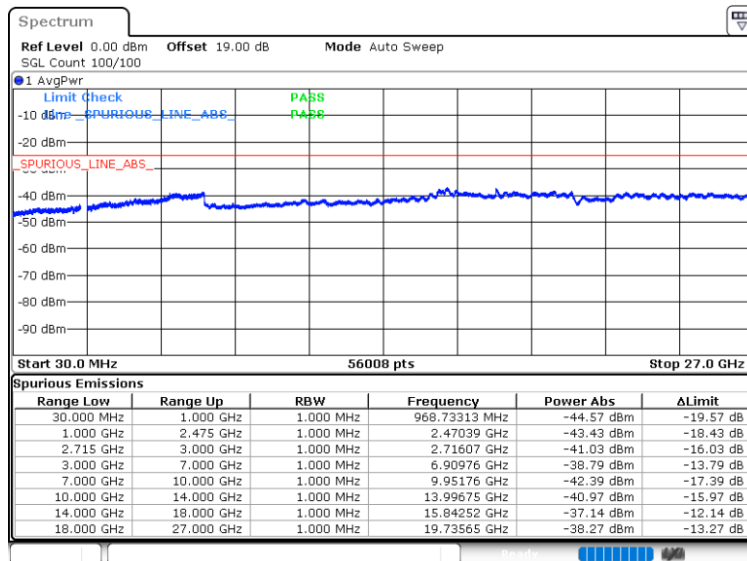
Date: 28.DEC.2023 02:03:27

Middle Channel / QPSK



Date: 28.DEC.2023 02:04:38

Highest Channel / QPSK



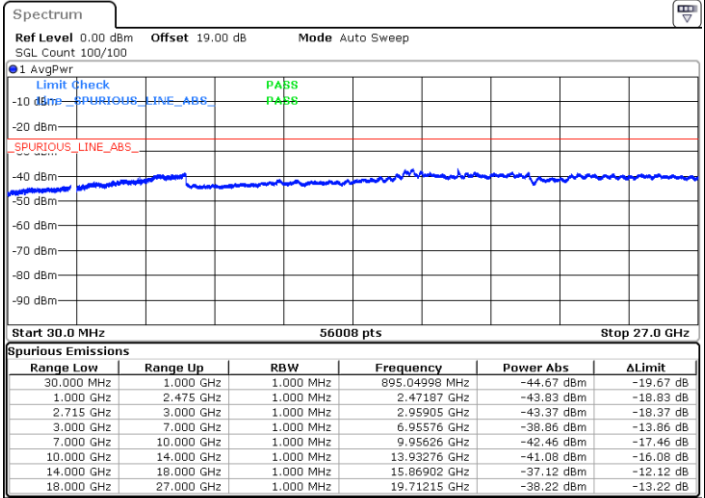
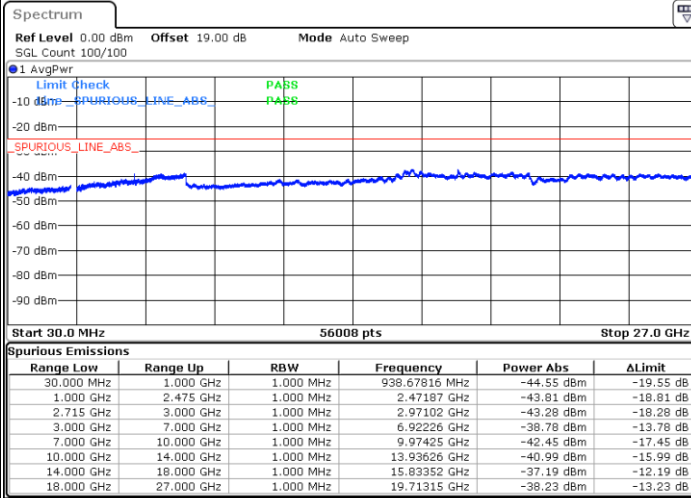
Date: 28.DEC.2023 02:13:20



LTE Band 41 / 15MHz

Lowest Channel / QPSK

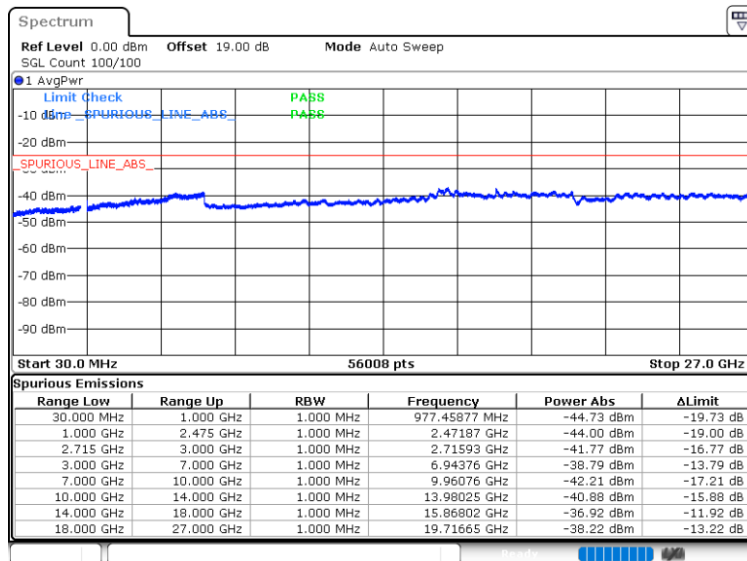
Middle Channel / QPSK



Date: 28.DEC.2023 20:51:52

Date: 28.DEC.2023 20:53:03

Highest Channel / QPSK



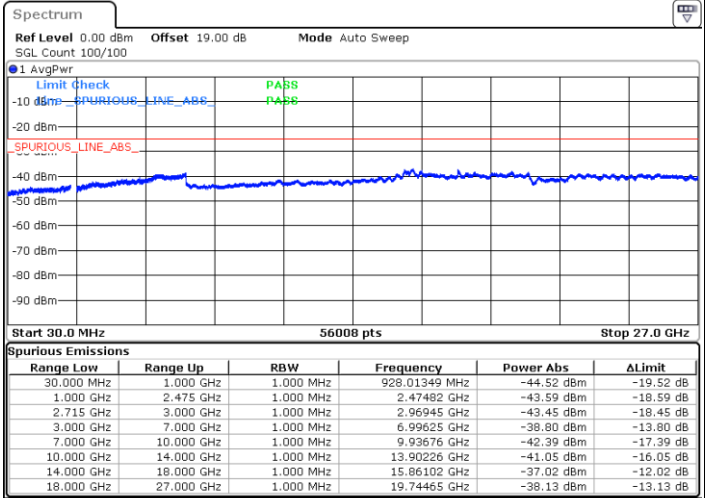
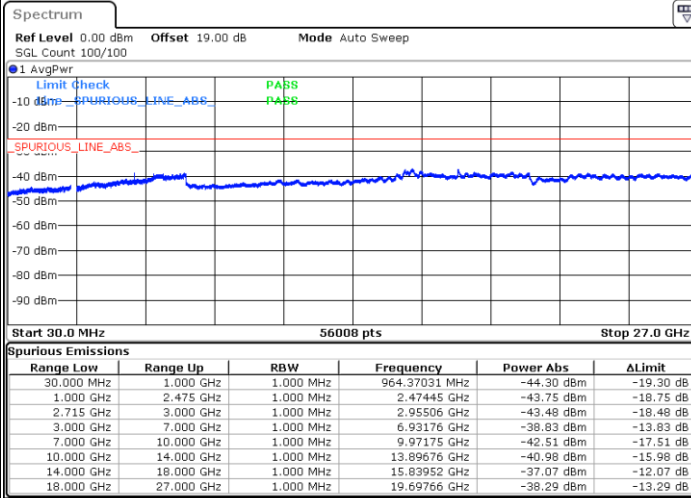
Date: 28.DEC.2023 21:01:46



LTE Band 41 / 20MHz

Lowest Channel / QPSK

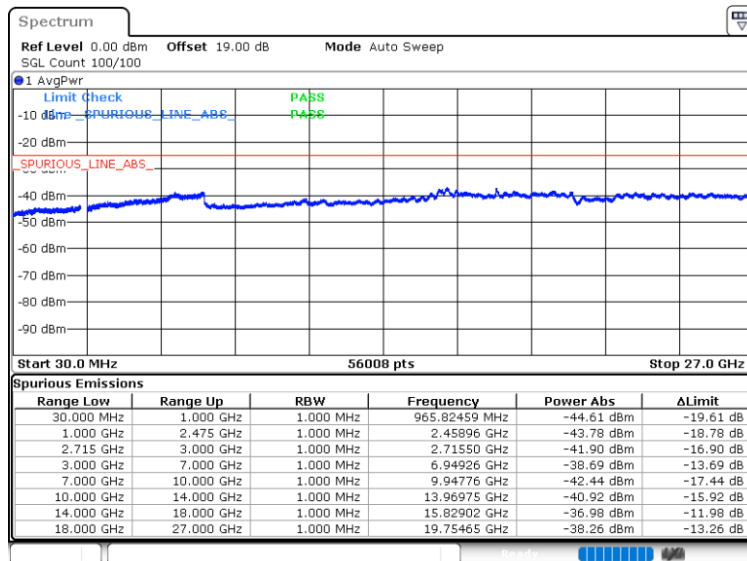
Middle Channel / QPSK



Date: 28.DEC.2023 21:11:03

Date: 28.DEC.2023 21:12:14

Highest Channel / QPSK



Date: 28.DEC.2023 21:22:21

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	0.0001	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note:

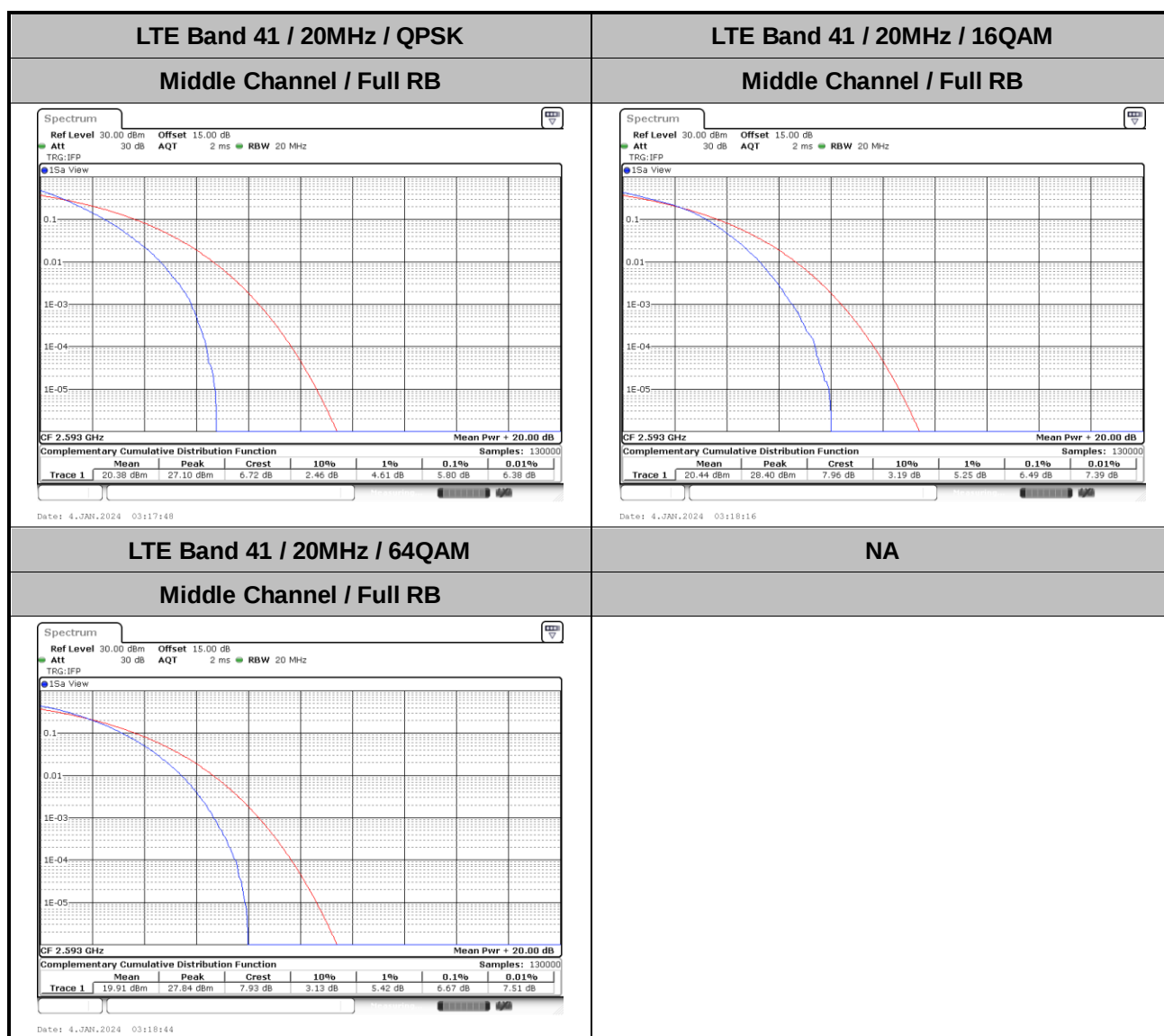
1. Normal Voltage = 3.89 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage = 4.48 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



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	5.80	6.49	6.67	PASS



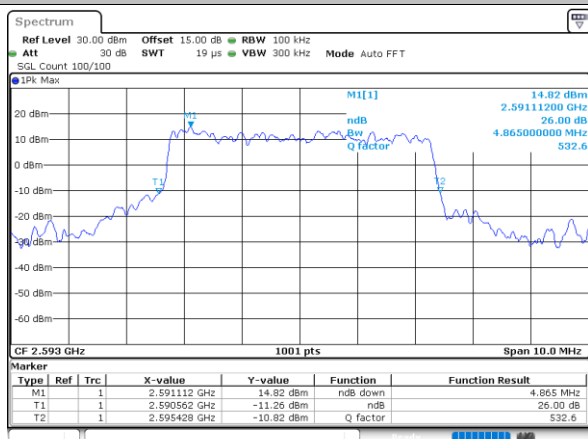


26dB Bandwidth

Mode	LTE Band 41 : 26dB BW(MHz)											
BW	-		-		5MHz		10MHz		15MHz		20MHz	
Mod.	-	-	-	-	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.87	4.82	10.73	9.69	14.72	14.15	18.94	19.18

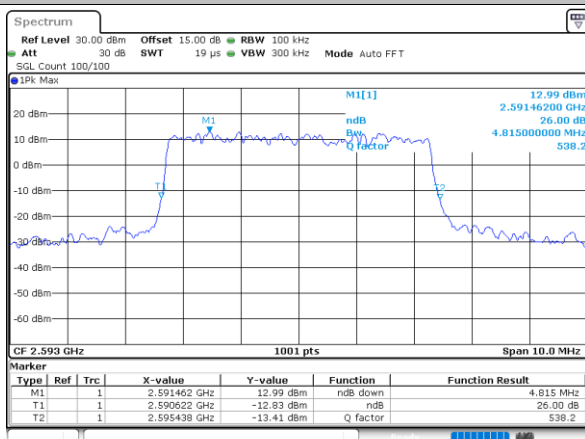
LTE Band 41

Middle Channel / 5MHz / QPSK



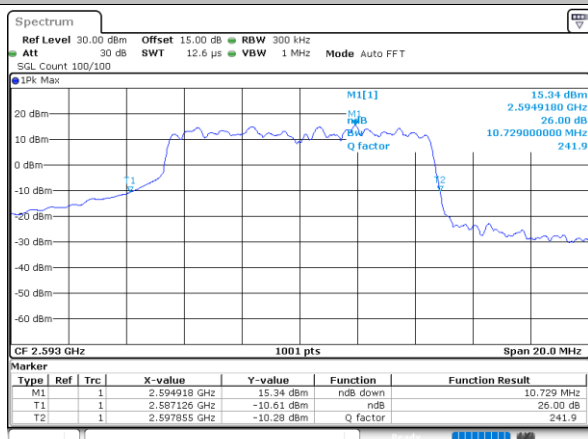
Date: 4.JAN.2024 01:48:59

Middle Channel / 5MHz / 16QAM



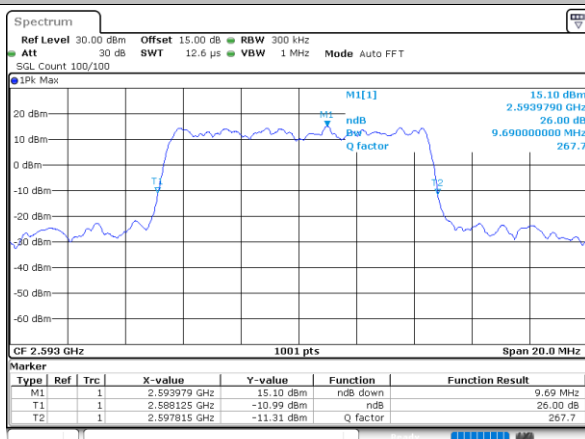
Date: 4.JAN.2024 01:49:39

Middle Channel / 10MHz / QPSK



Date: 4.JAN.2024 02:40:44

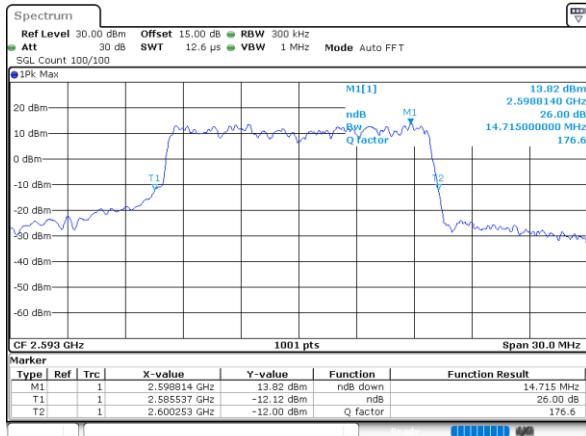
Middle Channel / 10MHz / 16QAM



Date: 4.JAN.2024 02:41:24

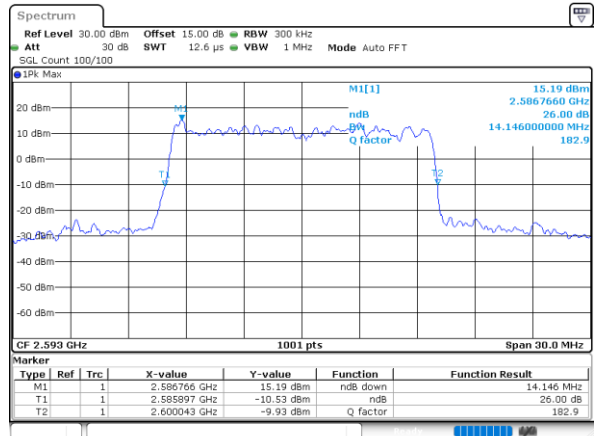


Middle Channel / 15MHz / QPSK



Date: 4.JAN.2024 02:58:43

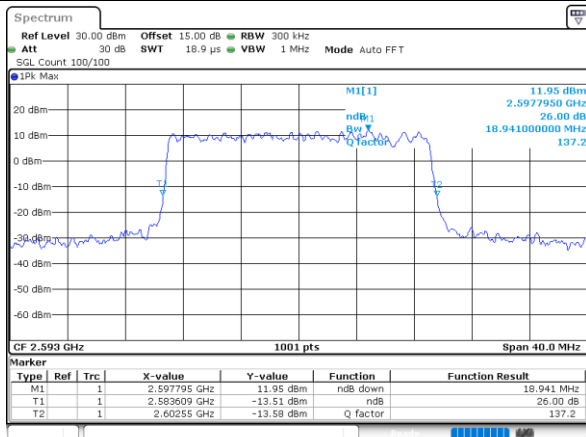
Middle Channel / 15MHz / 16QAM



Date: 4.JAN.2024 02:59:23

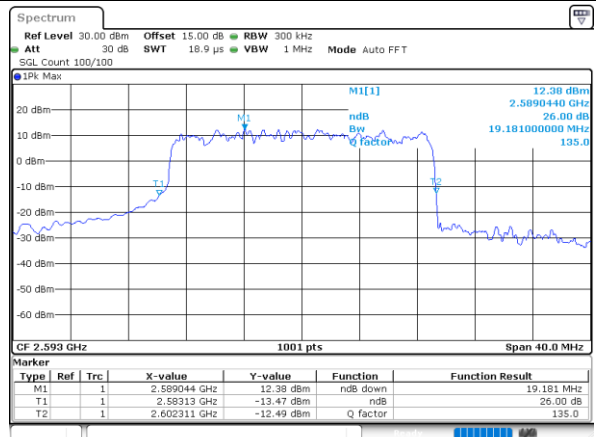
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 4.JAN.2024 03:16:41

Middle Channel / 20MHz / 16QAM



Date: 4.JAN.2024 03:17:21

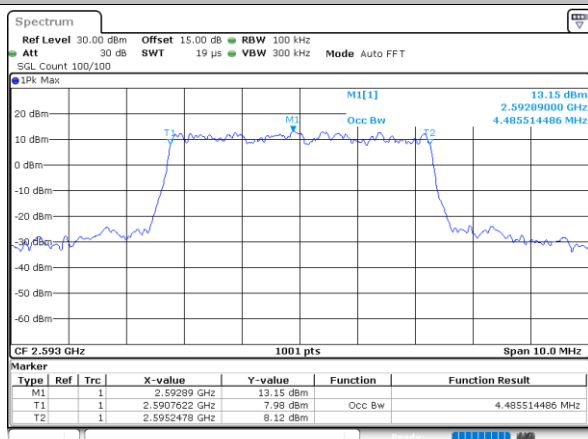


Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)											
BW	-			5MHz		10MHz		15MHz		20MHz		
Mod.	-	-	-	-	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.49	4.48	9.03	9.05	13.49	13.49	17.86	17.82

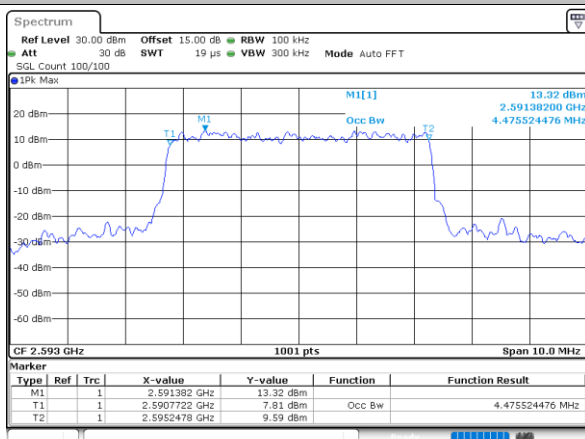
LTE Band 41

Middle Channel / 5MHz / QPSK



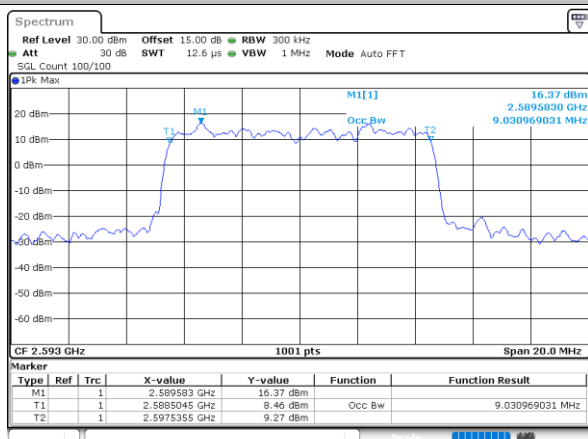
Date: 4.JAN.2024 01:48:45

Middle Channel / 5MHz / 16QAM



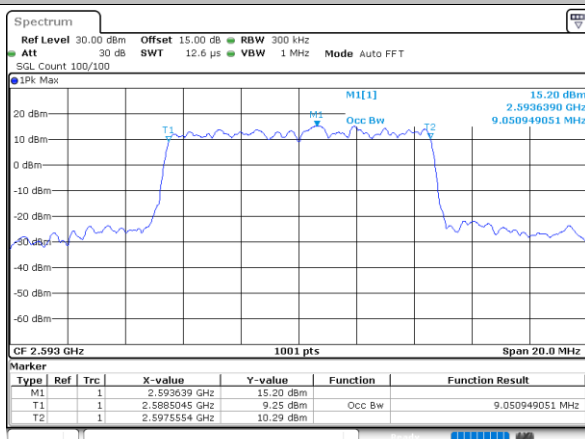
Date: 4.JAN.2024 01:49:25

Middle Channel / 10MHz / QPSK



Date: 4.JAN.2024 02:40:30

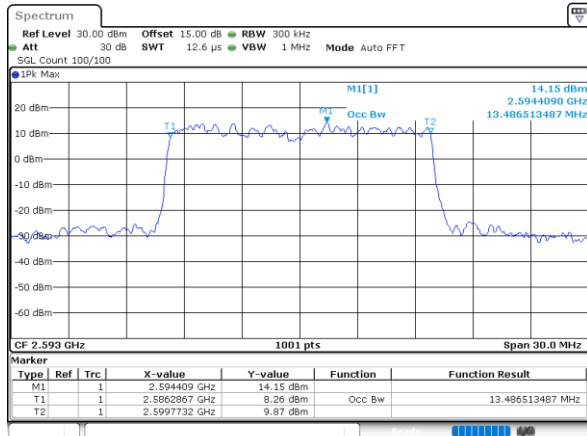
Middle Channel / 10MHz / 16QAM



Date: 4.JAN.2024 02:41:10

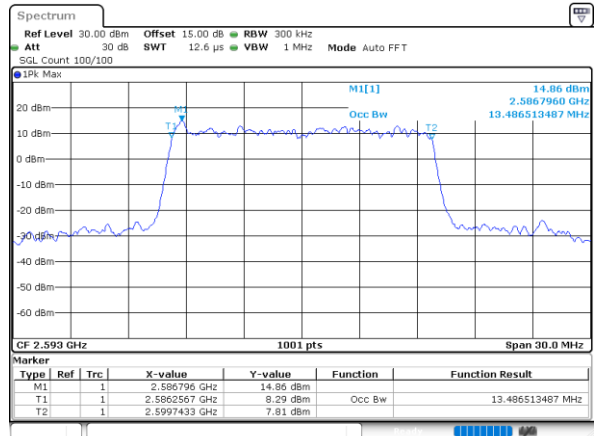


Middle Channel / 15MHz / QPSK



Date: 4.JAN.2024 02:58:29

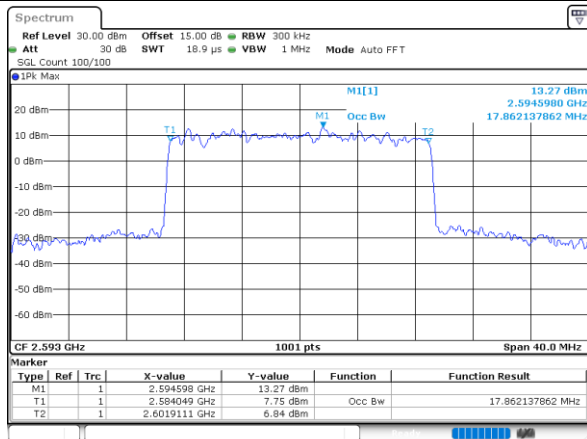
Middle Channel / 15MHz / 16QAM



Date: 4.JAN.2024 02:59:09

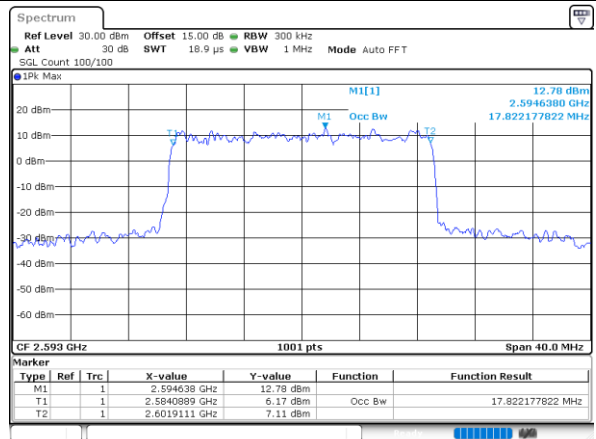
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 4.JAN.2024 03:16:27

Middle Channel / 20MHz / 16QAM



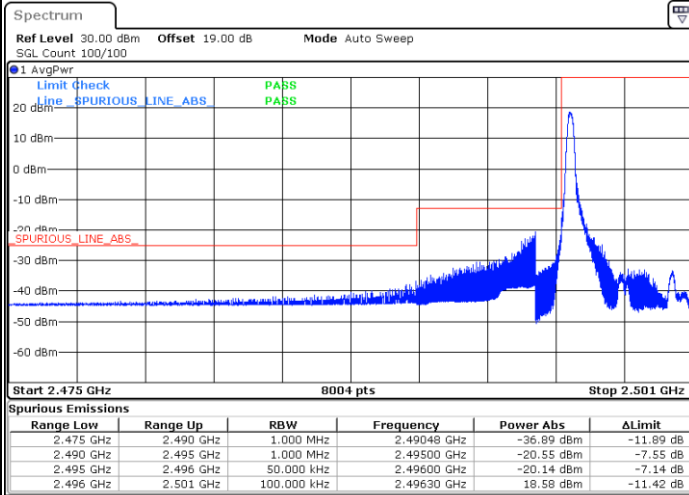
Date: 4.JAN.2024 03:17:07



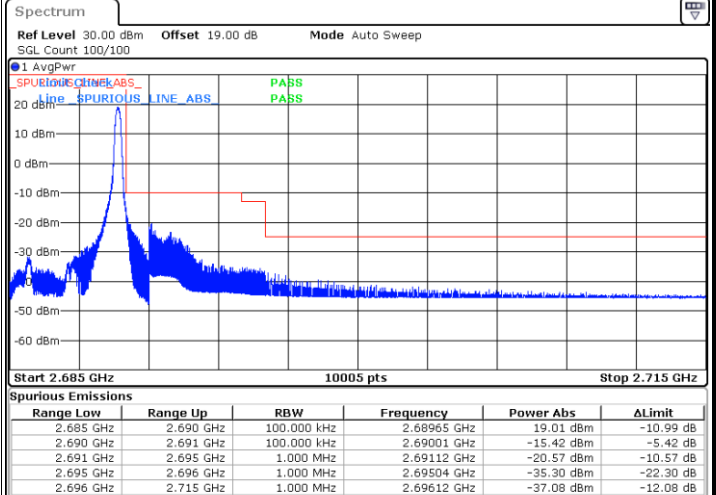
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

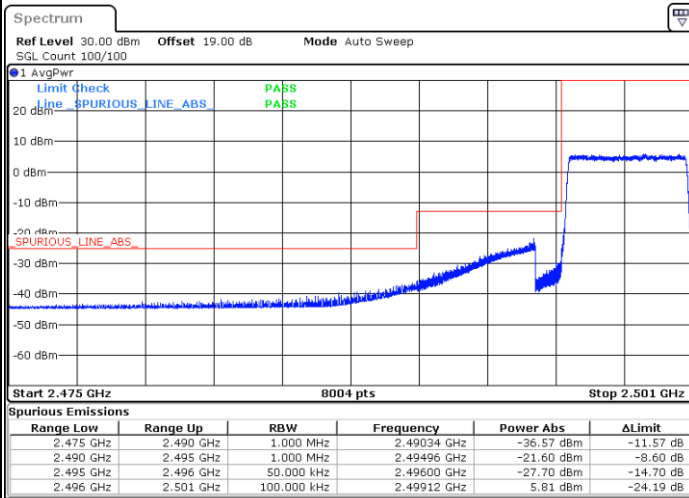
Lowest Band Edge / 1 RB



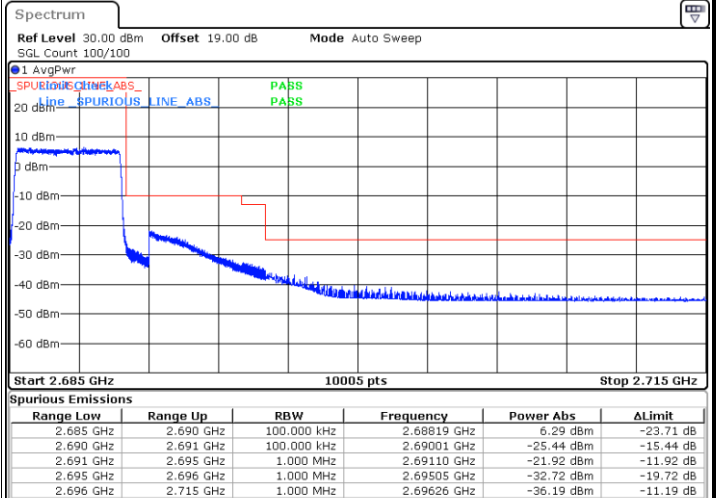
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



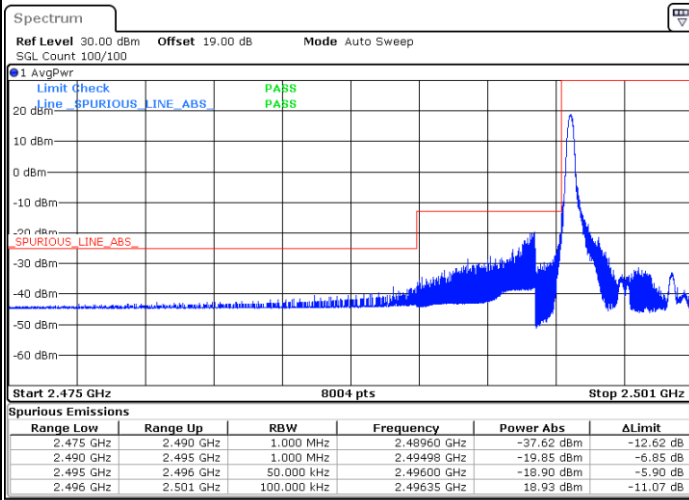
Highest Band Edge / Full RB



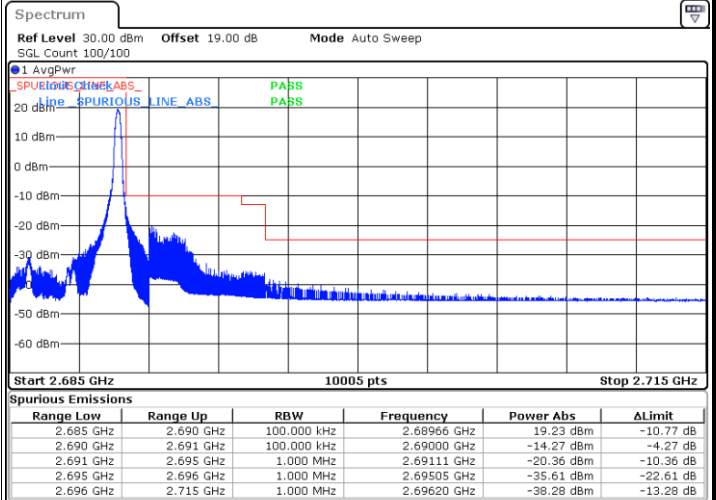


LTE Band 41 / 5MHz / 16QAM

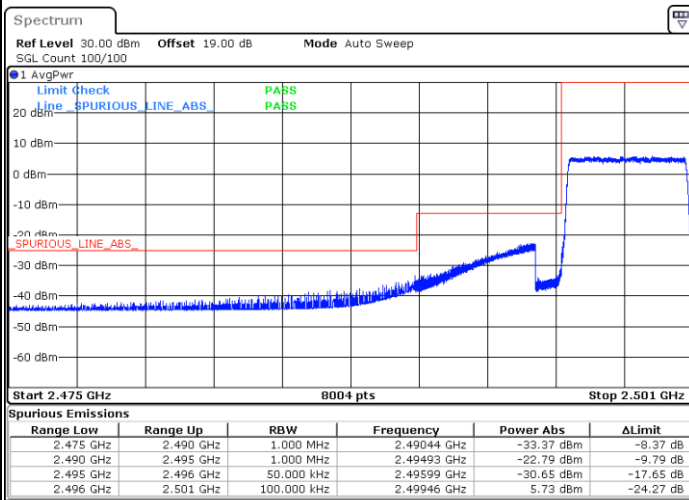
Lowest Band Edge / 1RB



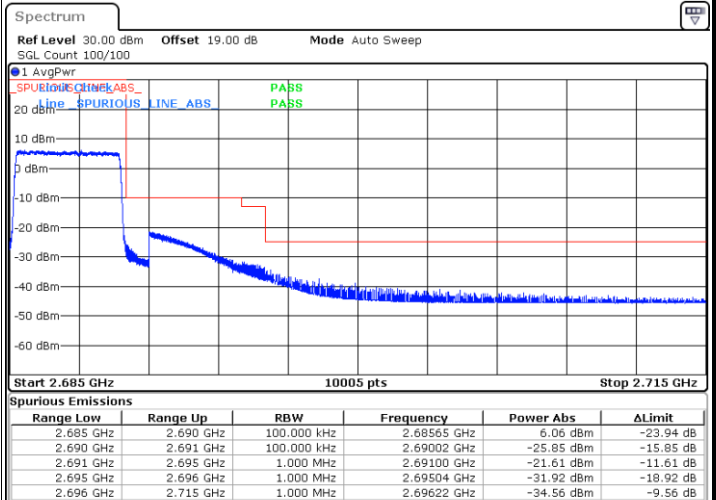
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



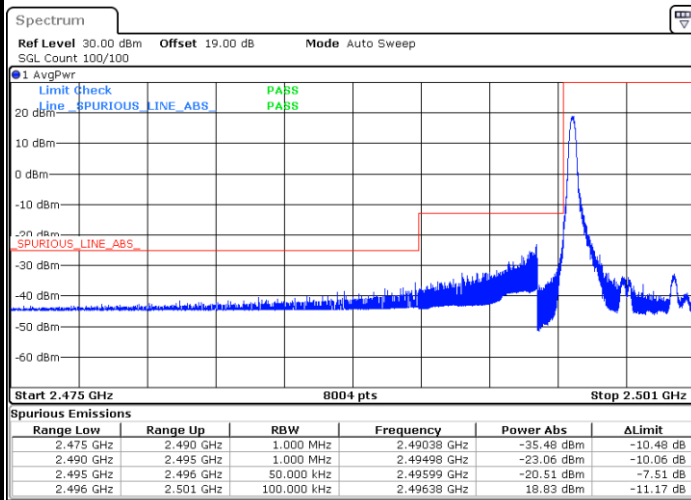
Highest Band Edge / Full RB



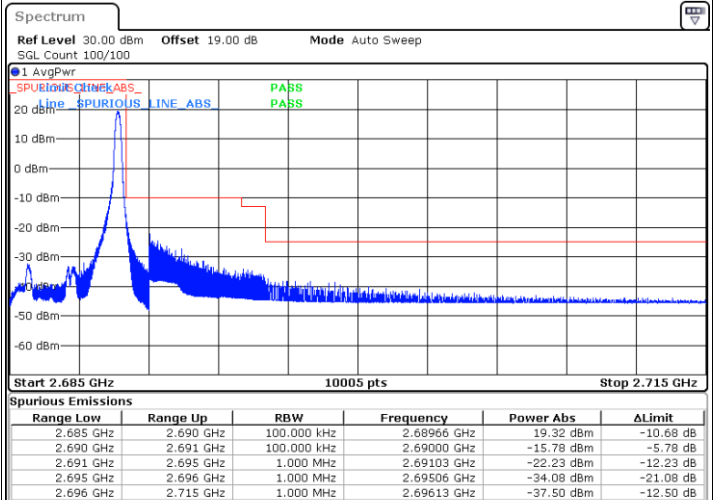


LTE Band 41 / 5MHz / 64QAM

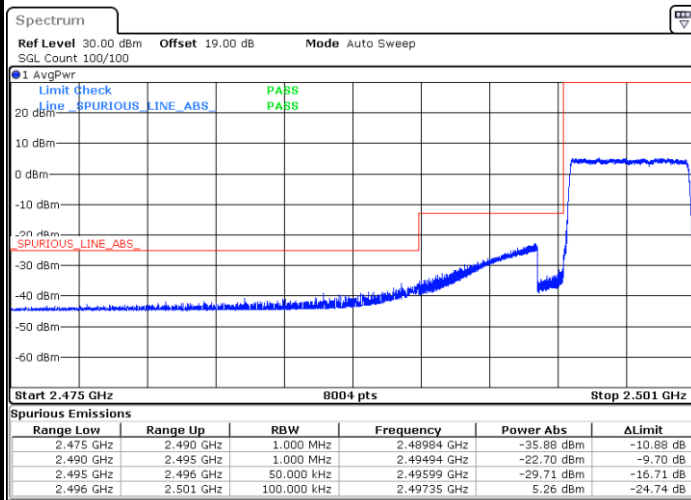
Lowest Band Edge / 1RB



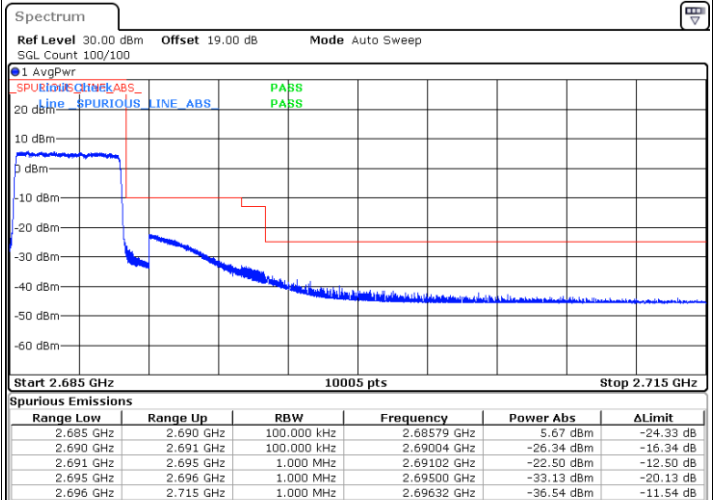
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



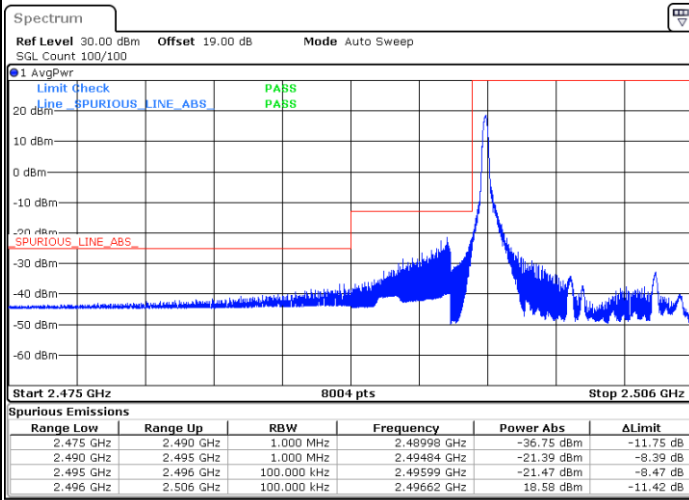
Highest Band Edge / Full RB



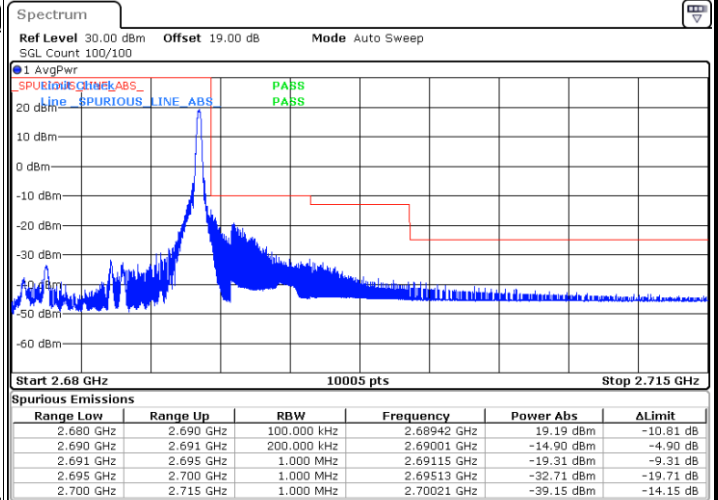


LTE Band 41 / 10MHz / QPSK

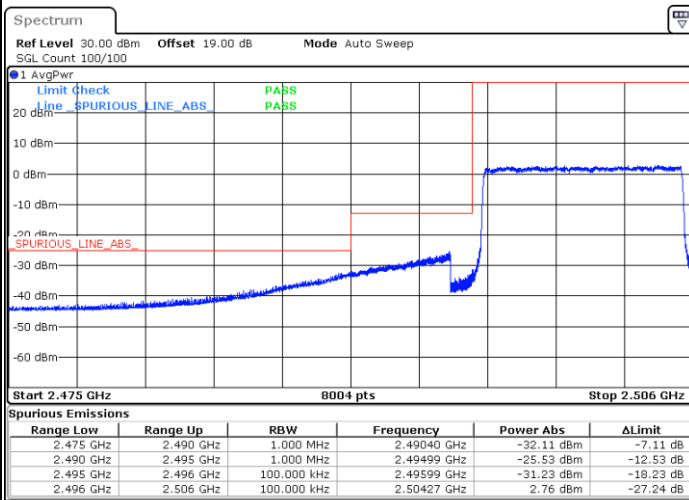
Lowest Band Edge / 1 RB



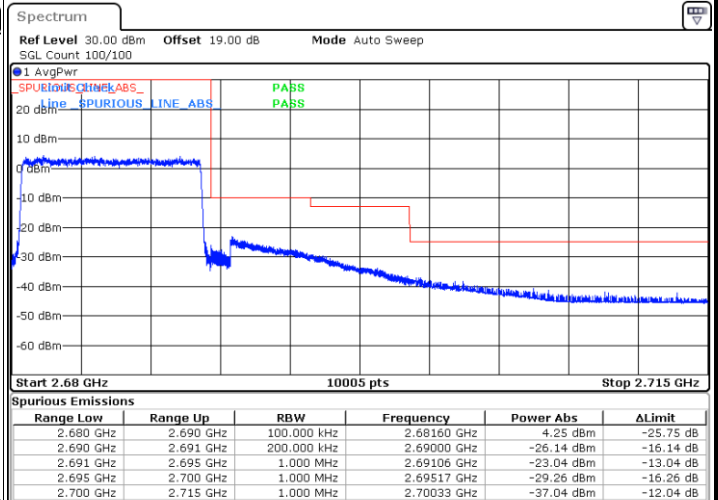
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



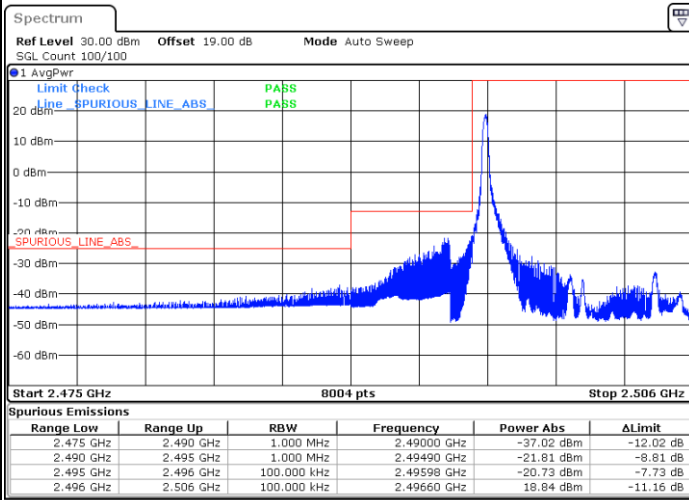
Highest Band Edge / Full RB



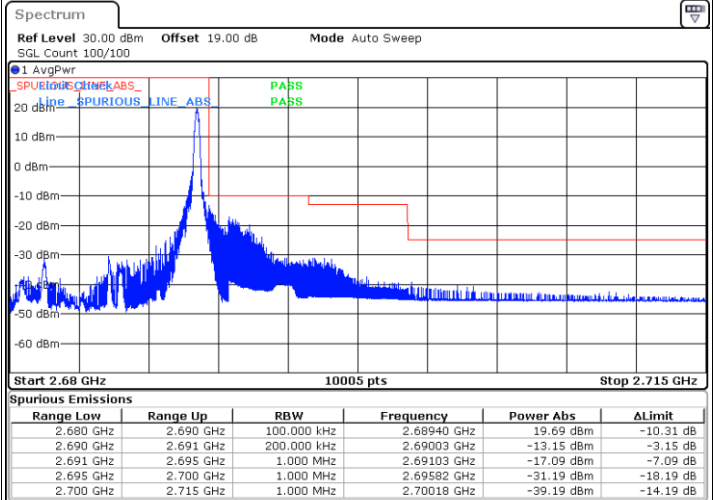


LTE Band 41 / 10MHz / 16QAM

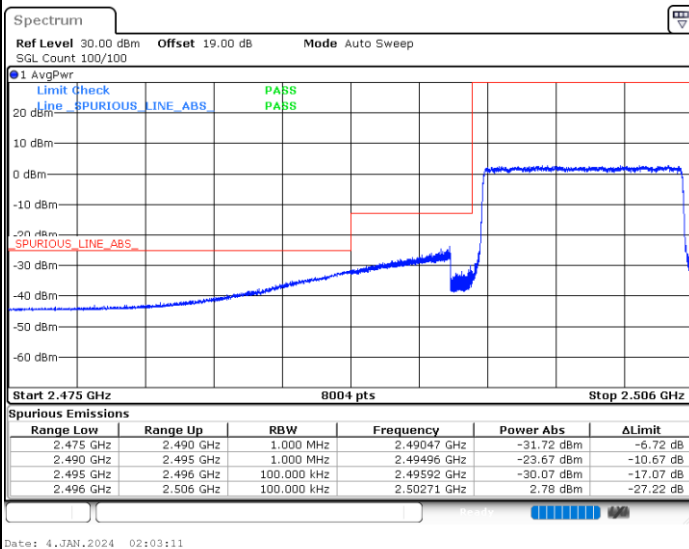
Lowest Band Edge / 1RB



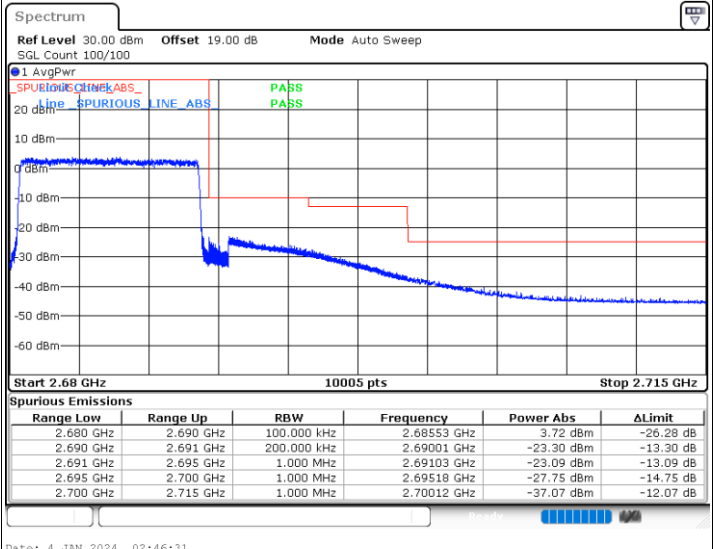
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



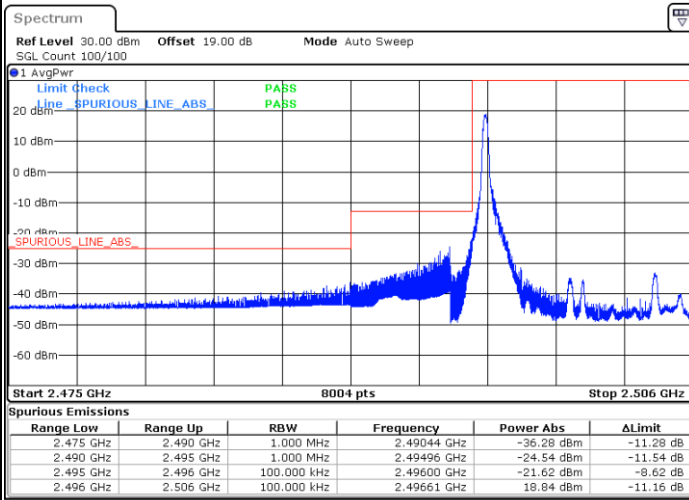
Highest Band Edge / Full RB



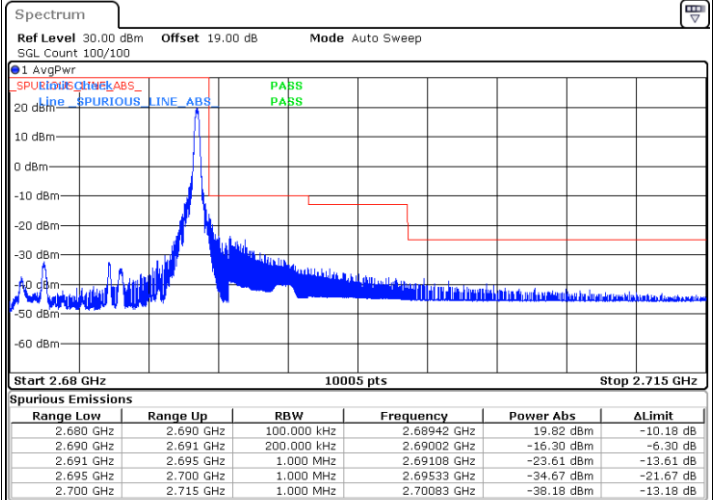


LTE Band 41 / 10MHz / 64QAM

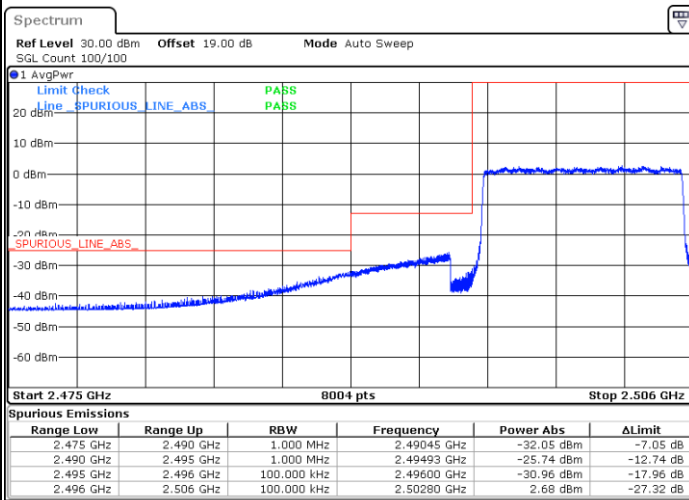
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

