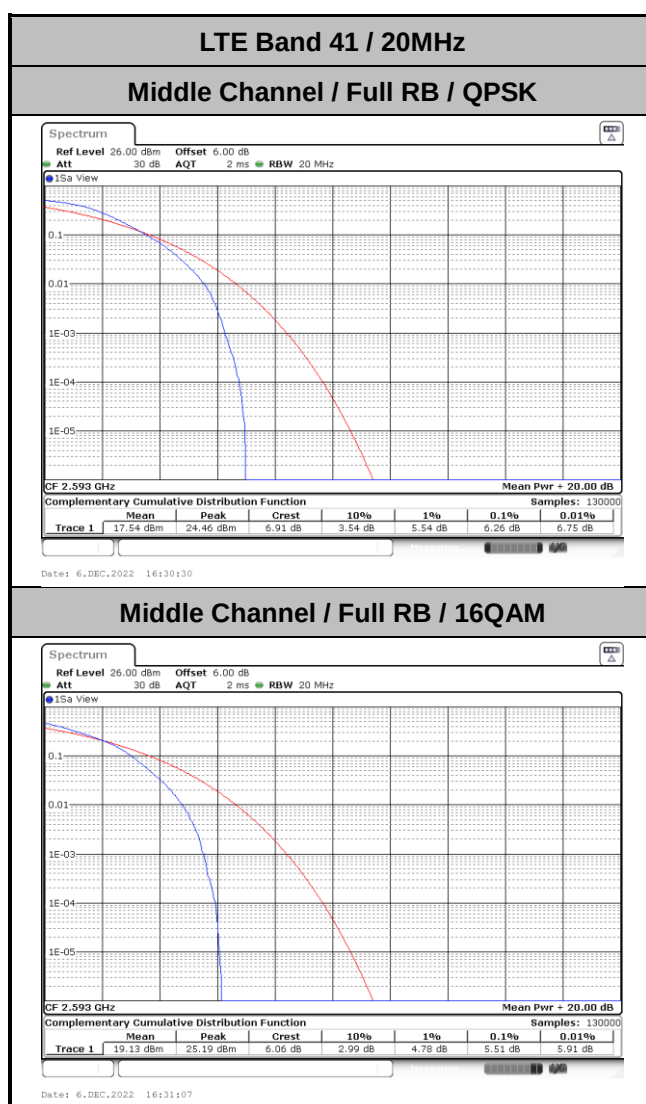


LTE Band 41

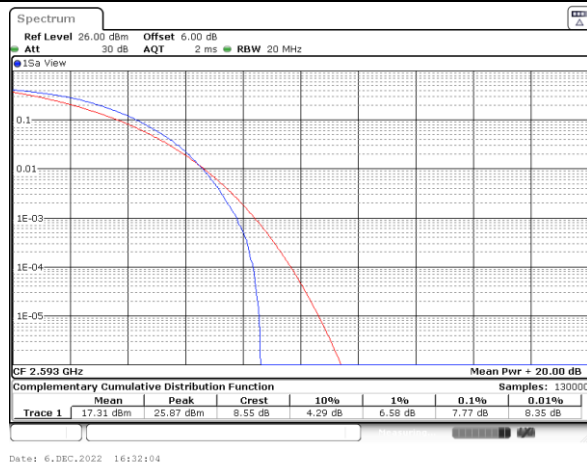
Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	6.26	5.51	7.77	6.78	PASS

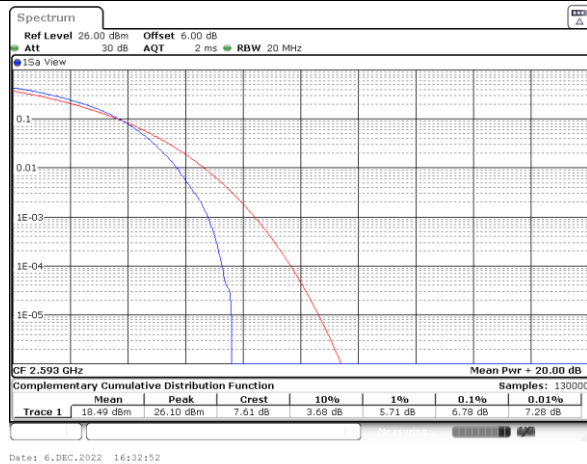




Middle Channel / Full RB / 64QAM

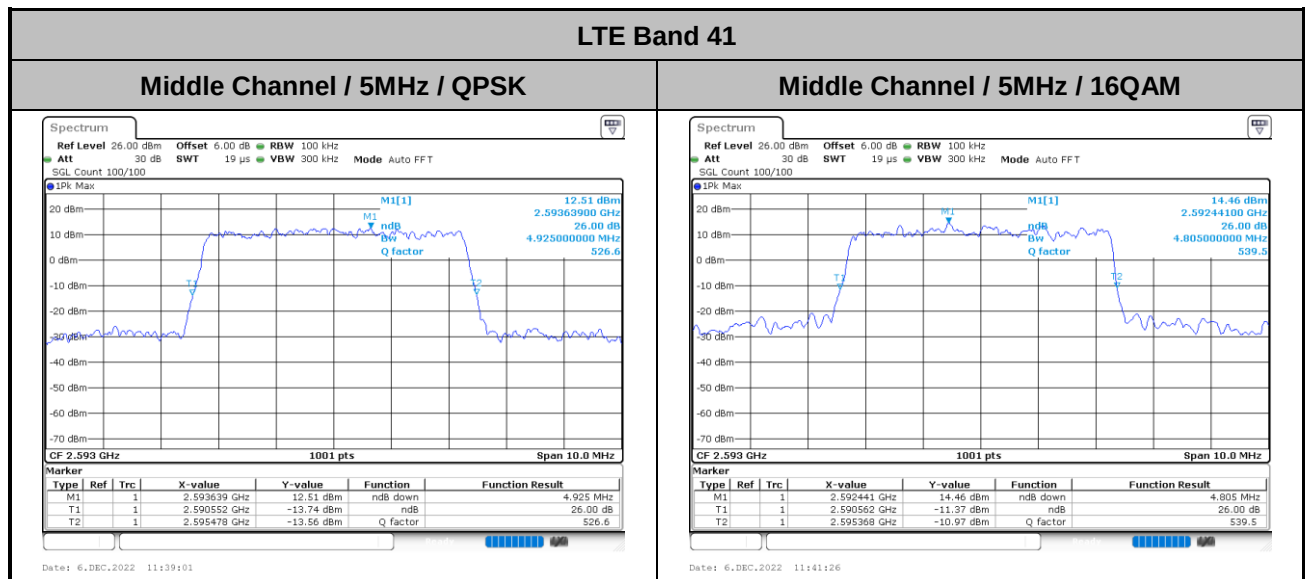


Middle Channel / Full RB / 256QAM



**26dB Bandwidth**

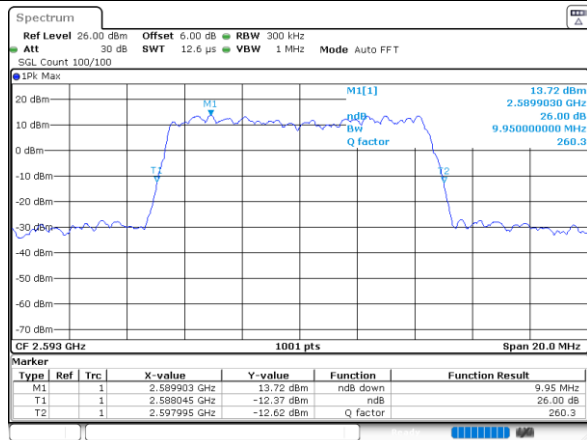
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.93	4.81
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.95	9.67
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.42	14.15
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.14	18.70





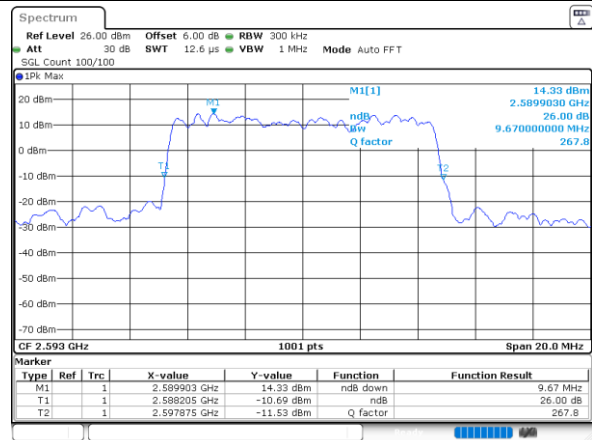
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 6.DEC.2022 14:30:17

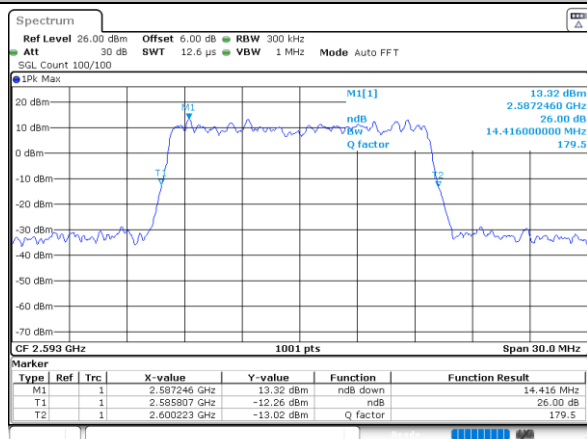
Middle Channel / 10MHz / 16QAM



Date: 6.DEC.2022 14:31:17

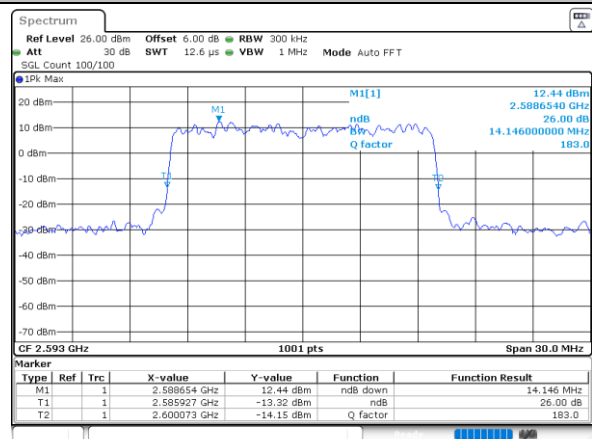
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 6.DEC.2022 15:22:36

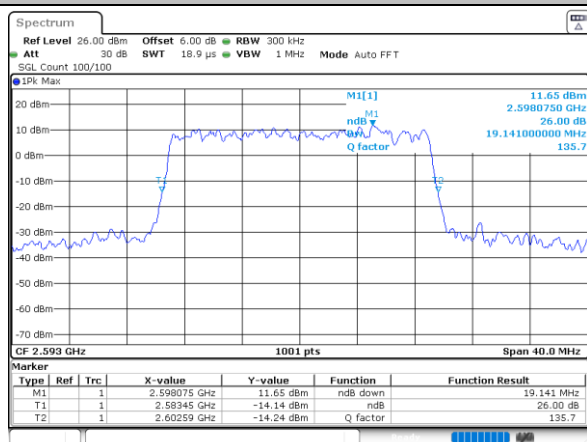
Middle Channel / 15MHz / 16QAM



Date: 6.DEC.2022 15:23:23

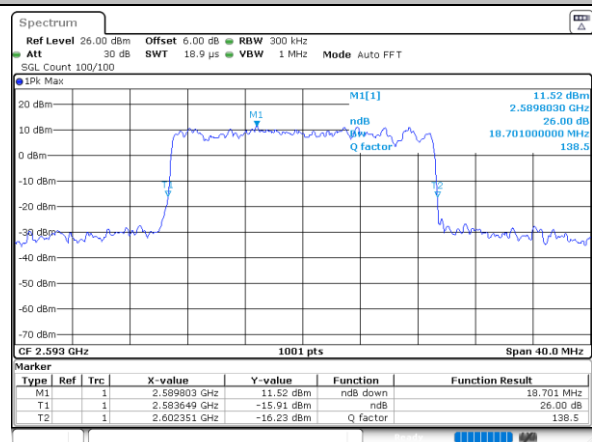
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 6.DEC.2022 16:28:29

Middle Channel / 20MHz / 16QAM

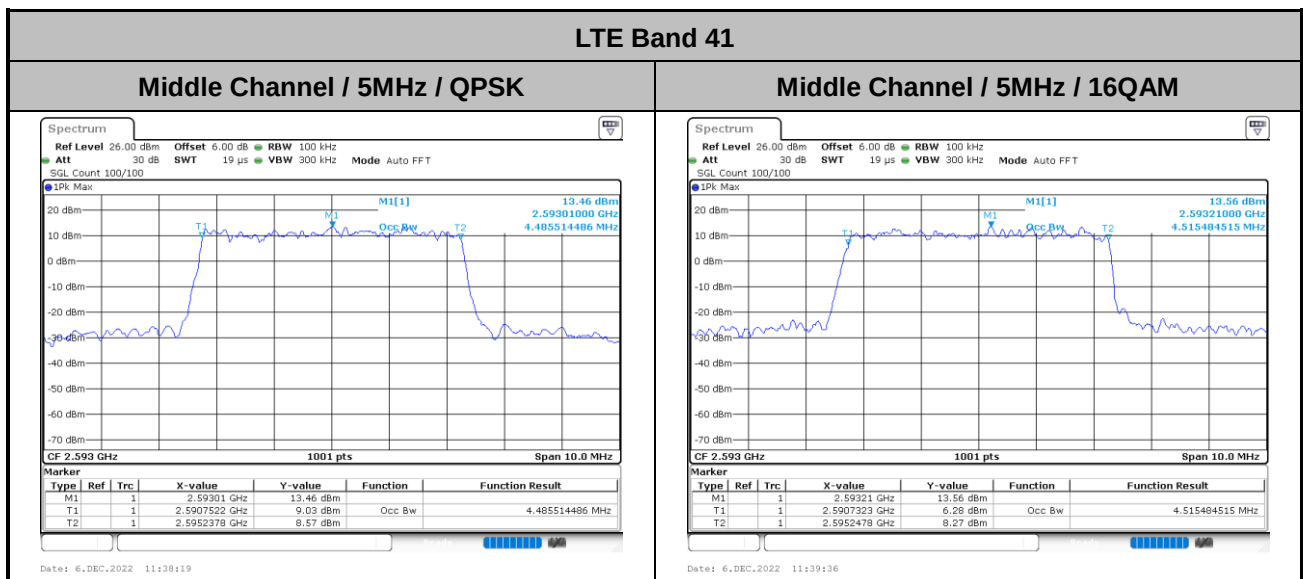


Date: 6.DEC.2022 16:29:37



Occupied Bandwidth

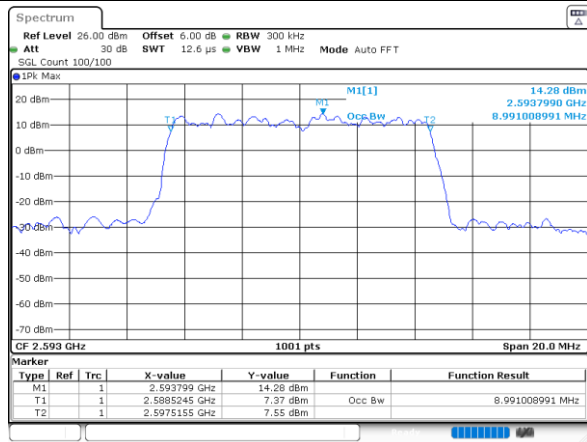
Mode	LTE Band 41 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.49	4.52
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	8.99	9.01
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.40	13.46
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.86	17.82





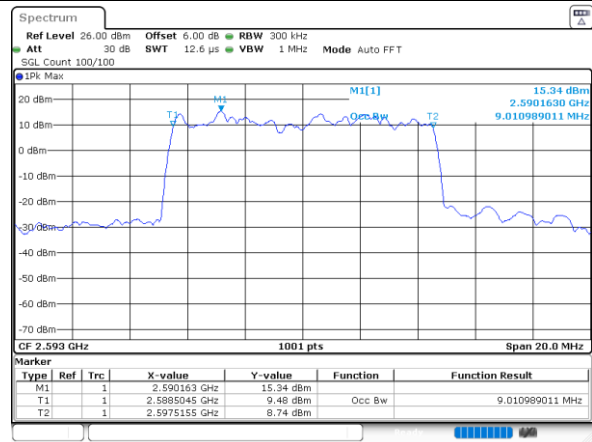
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 6.DEC.2022 14:29:55

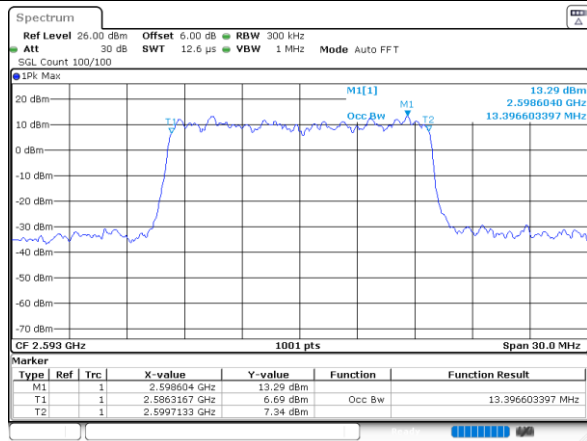
Middle Channel / 10MHz / 16QAM



Date: 6.DEC.2022 14:30:53

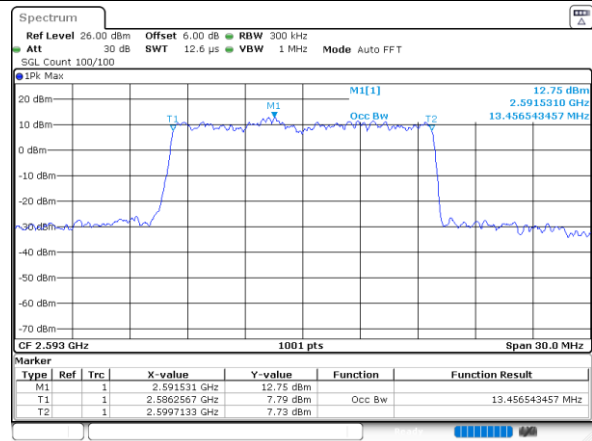
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 6.DEC.2022 15:22:11

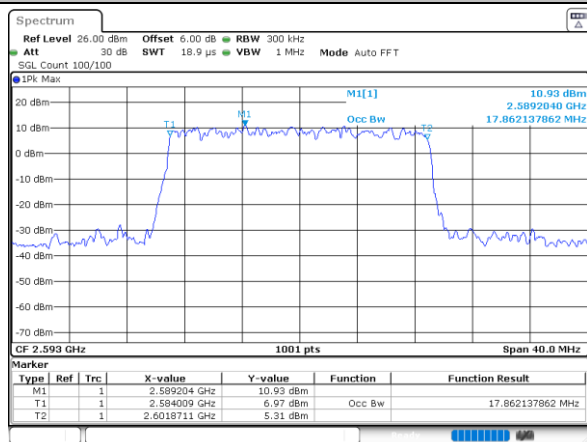
Middle Channel / 15MHz / 16QAM



Date: 6.DEC.2022 15:22:59

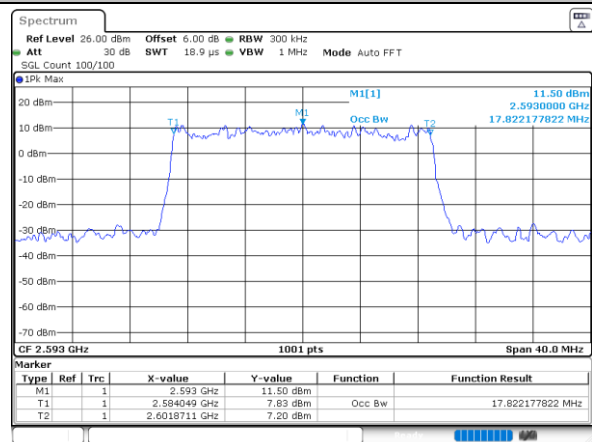
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 6.DEC.2022 16:27:41

Middle Channel / 20MHz / 16QAM



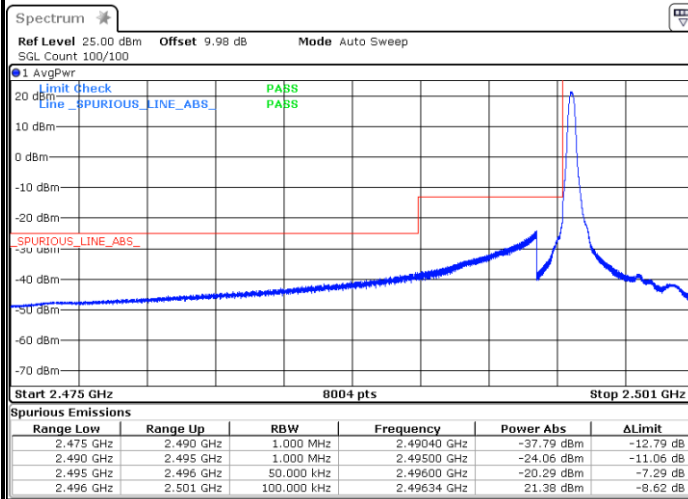
Date: 6.DEC.2022 16:29:07



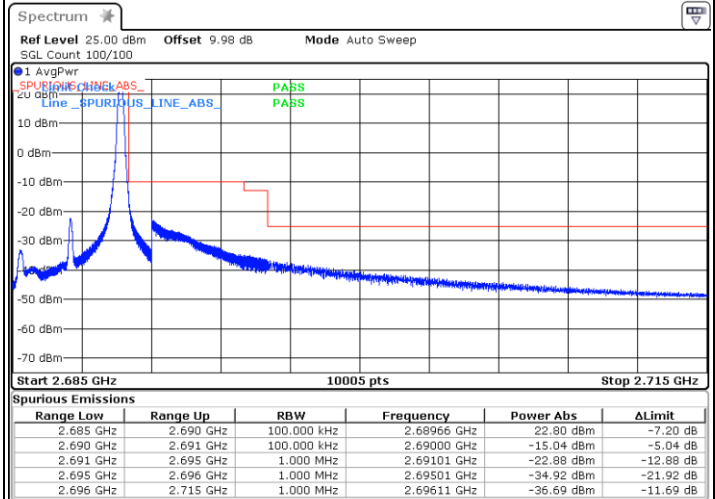
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

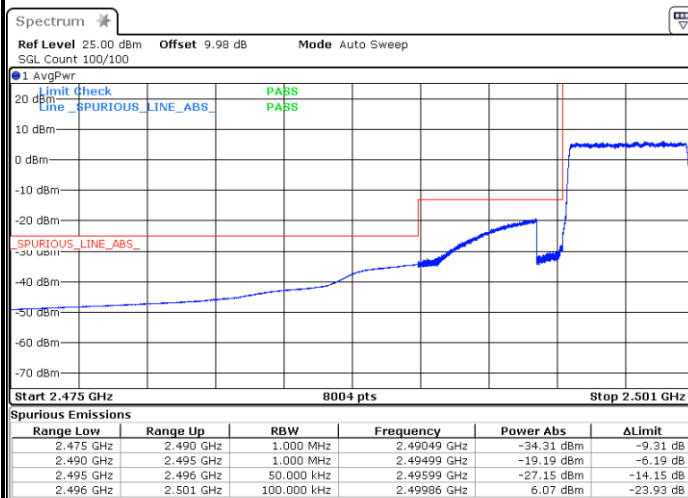
Lowest Band Edge / 1 RB



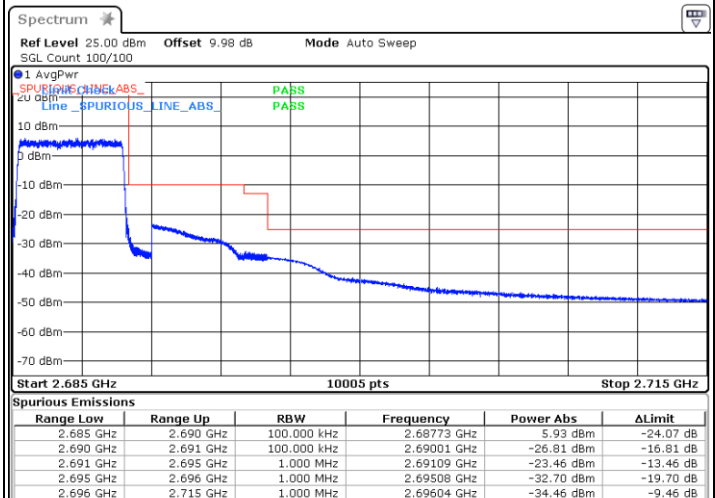
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



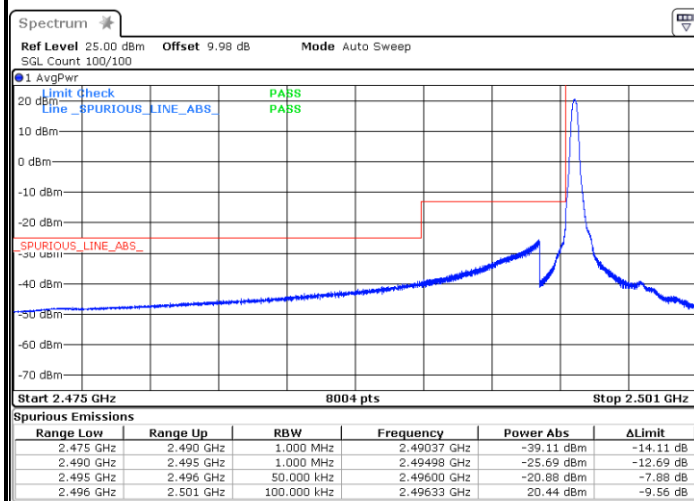
Highest Band Edge / Full RB



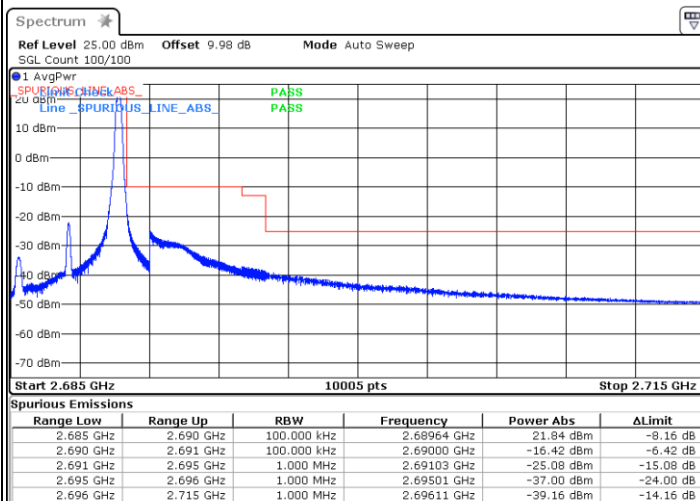


LTE Band 41 / 5MHz / 16QAM

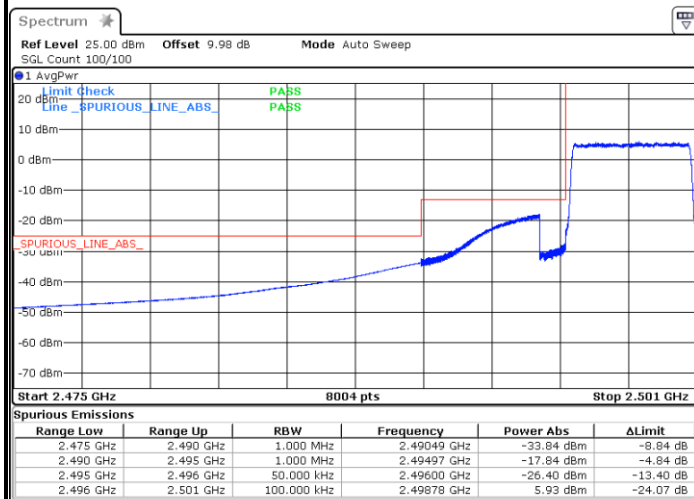
Lowest Band Edge / 1RB



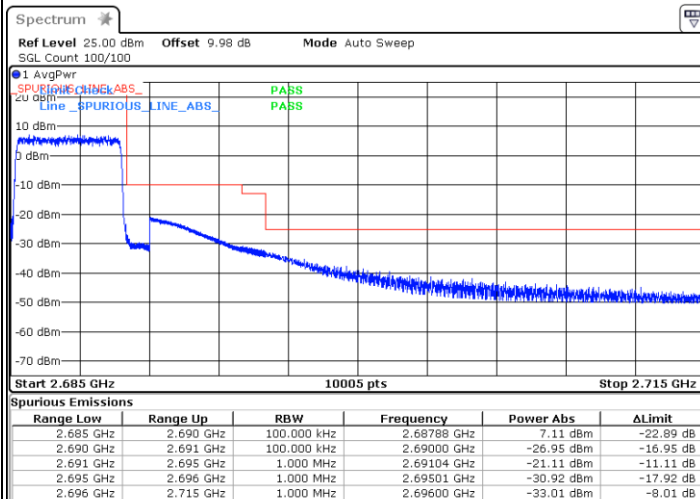
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



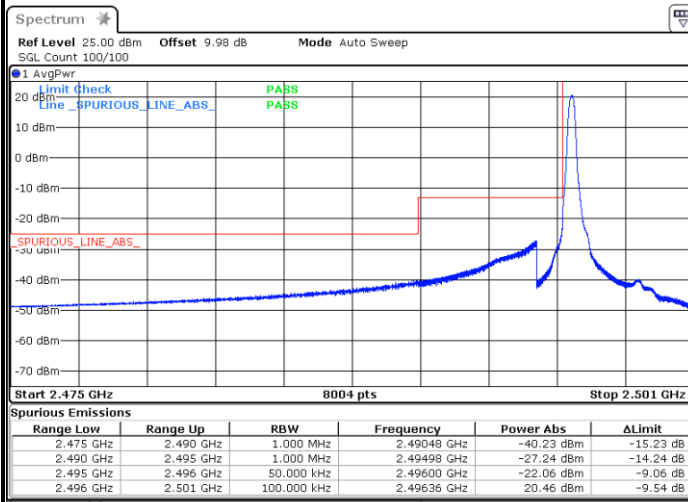
Highest Band Edge / Full RB



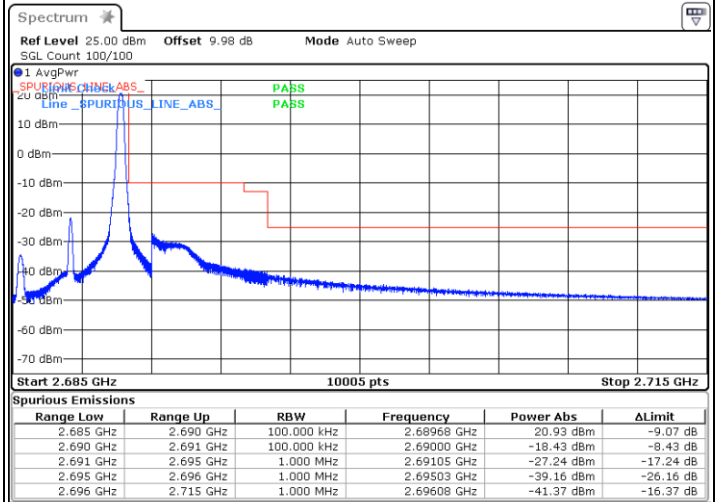


LTE Band 41 / 5MHz / 64QAM

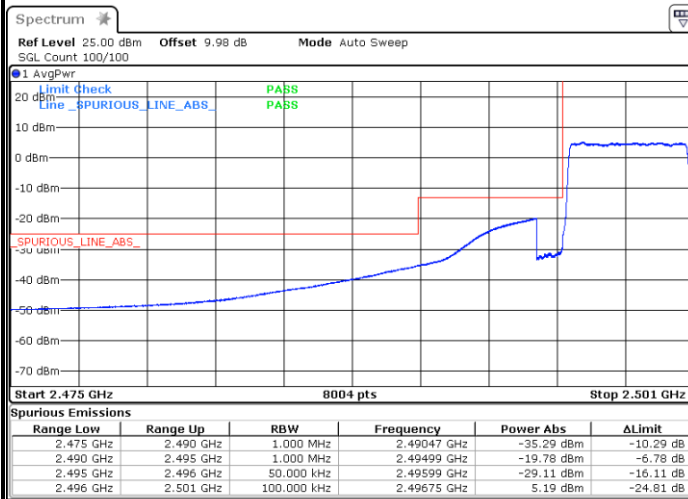
Lowest Band Edge / 1RB



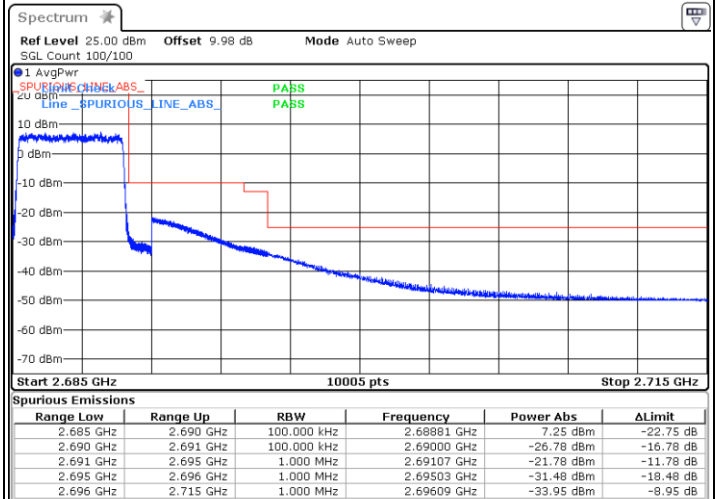
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



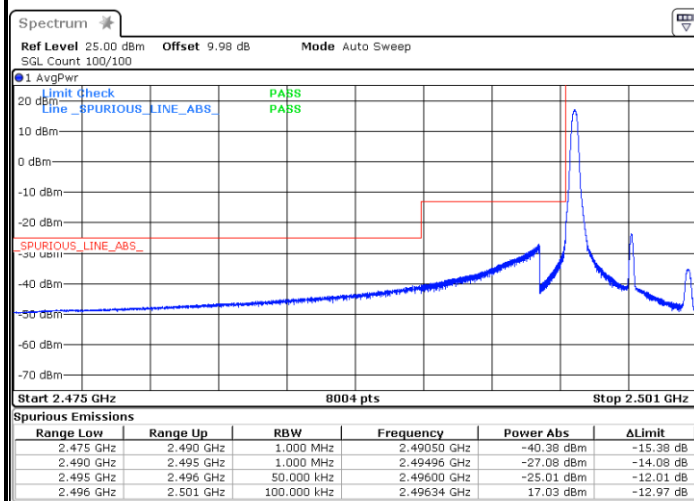
Highest Band Edge / Full RB



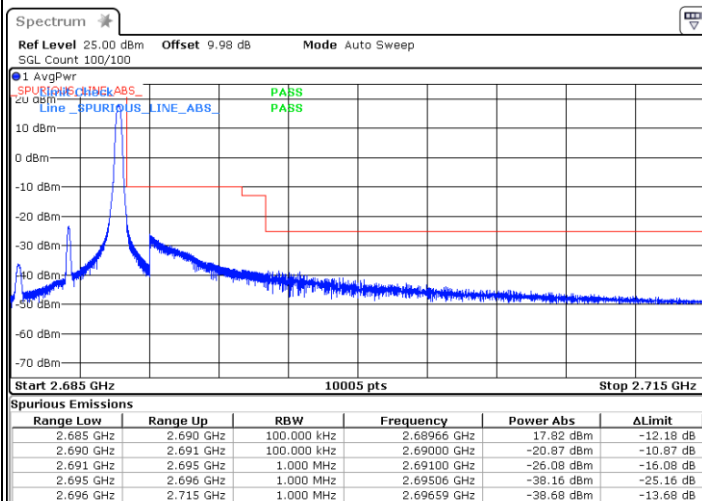


LTE Band 41 / 5MHz / 256QAM

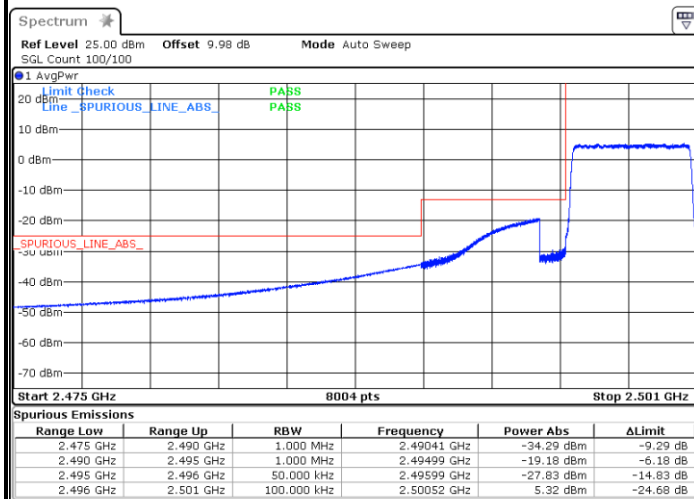
Lowest Band Edge / 1RB



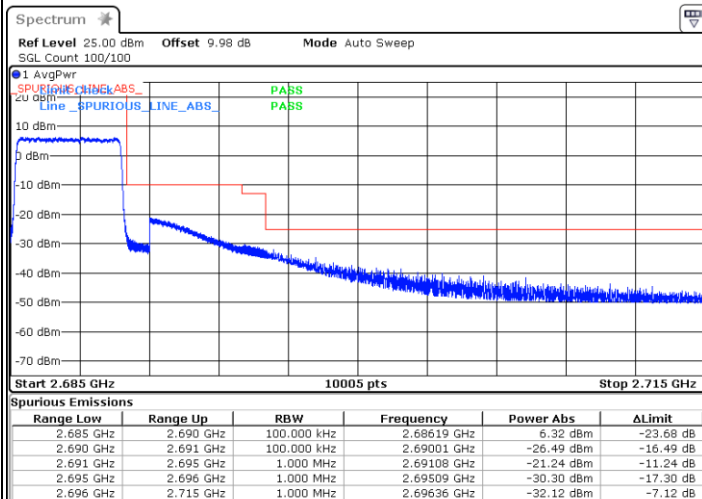
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



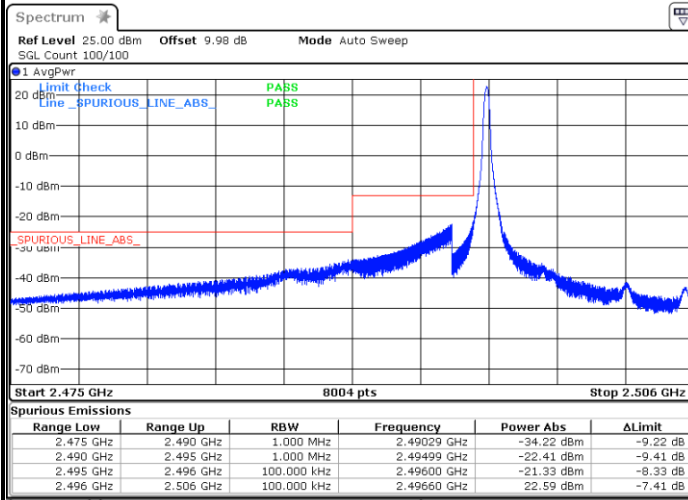
Highest Band Edge / Full RB



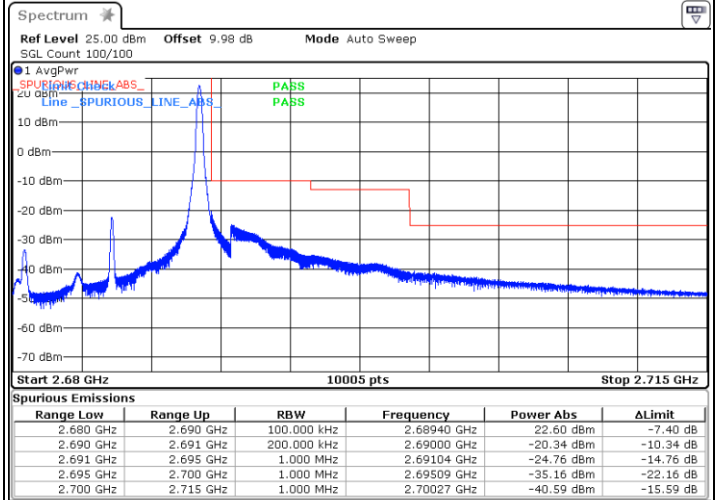


LTE Band 41 / 10MHz / QPSK

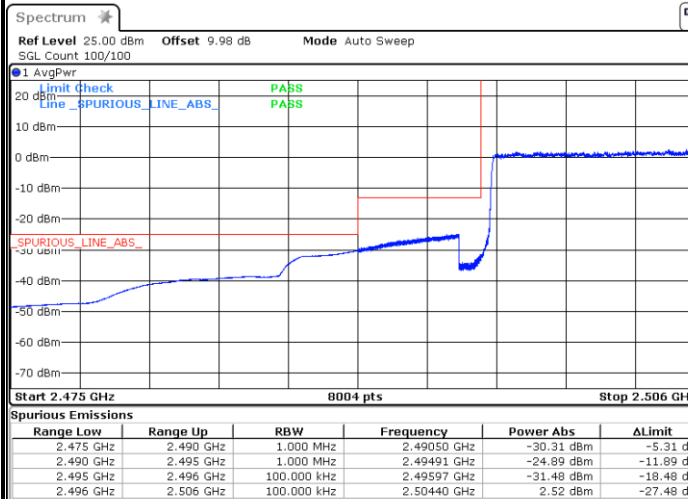
Lowest Band Edge / 1 RB



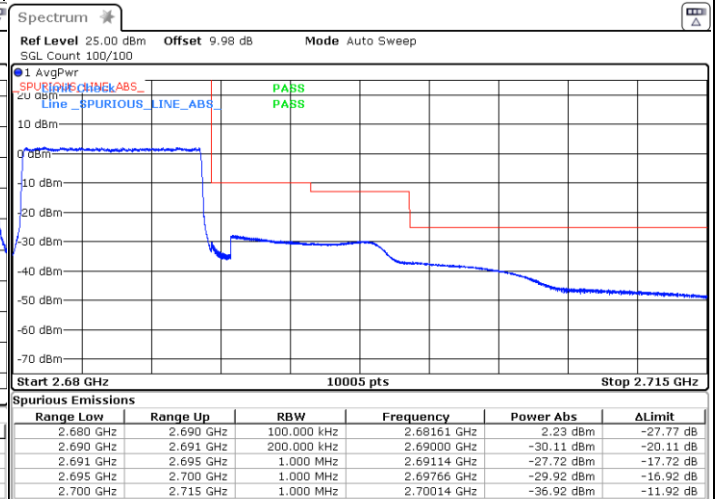
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



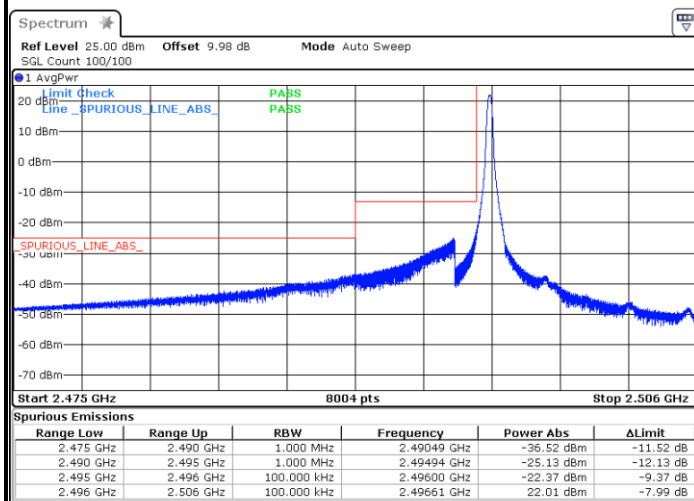
Highest Band Edge / Full RB



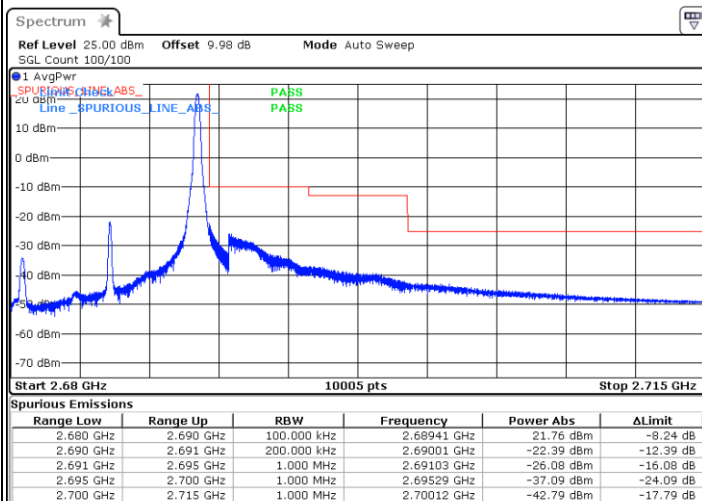


LTE Band 41 / 10MHz / 16QAM

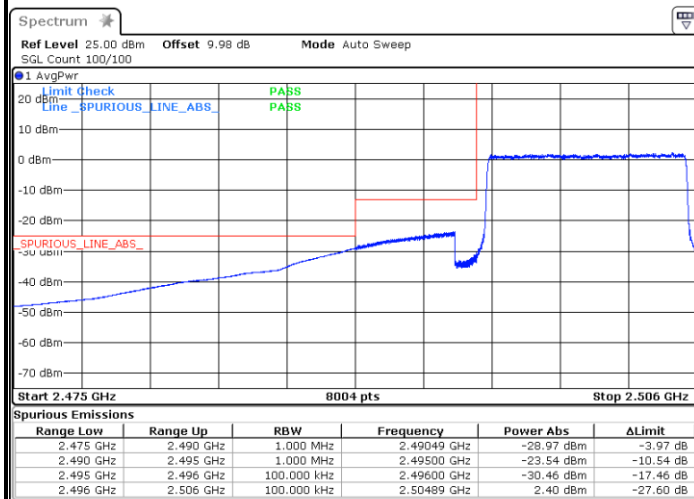
Lowest Band Edge / 1 RB



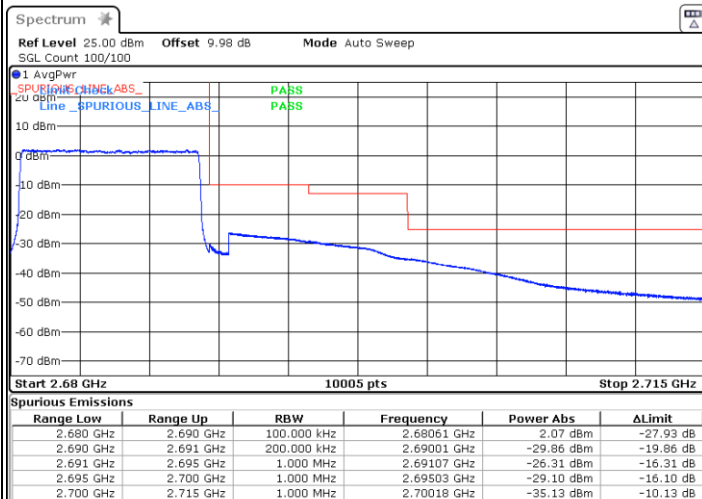
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



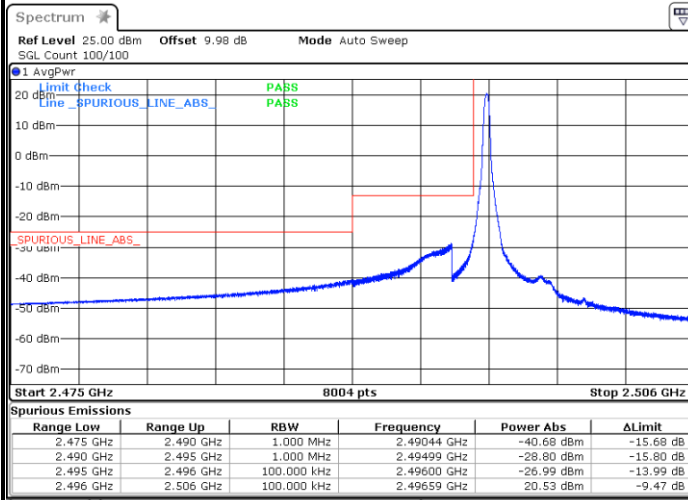
Highest Band Edge / Full RB



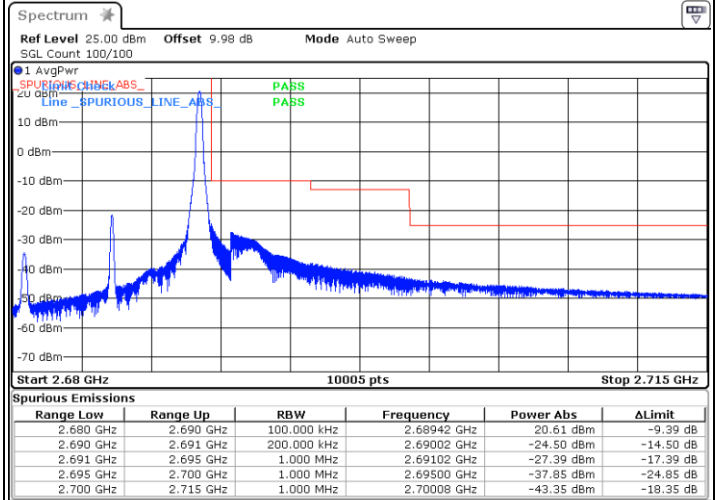


LTE Band 41 / 10MHz / 64QAM

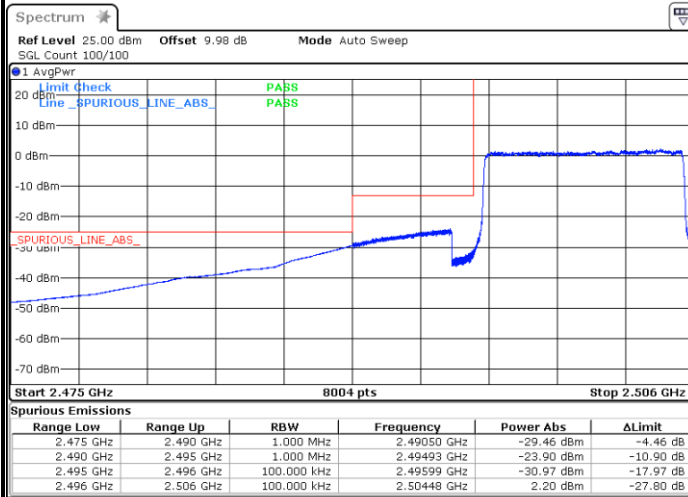
Lowest Band Edge / 1 RB



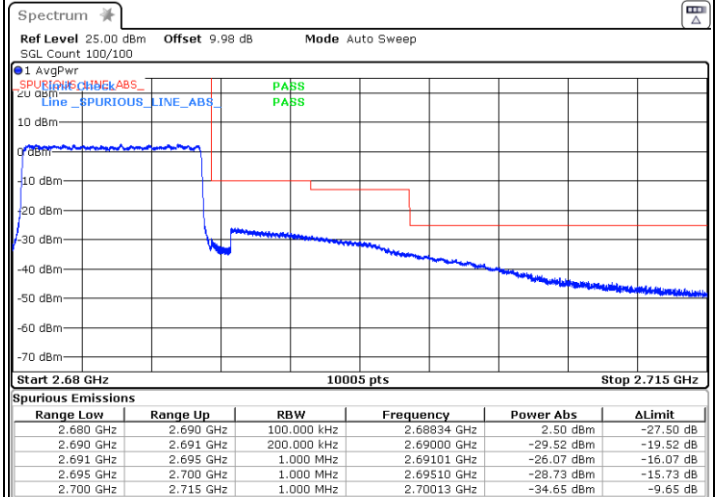
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



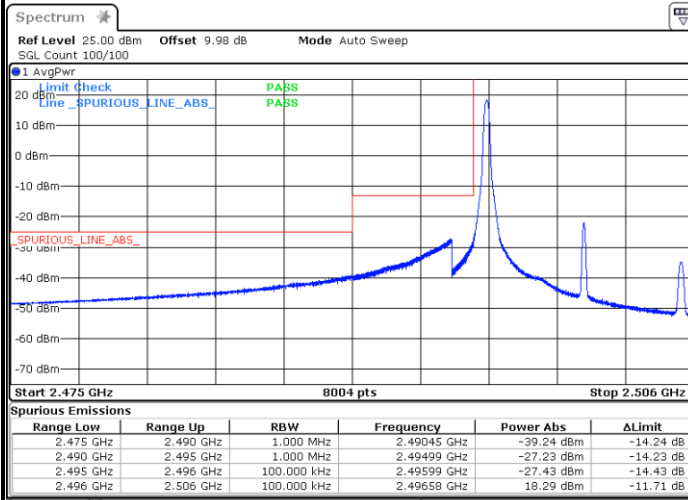
Highest Band Edge / Full RB



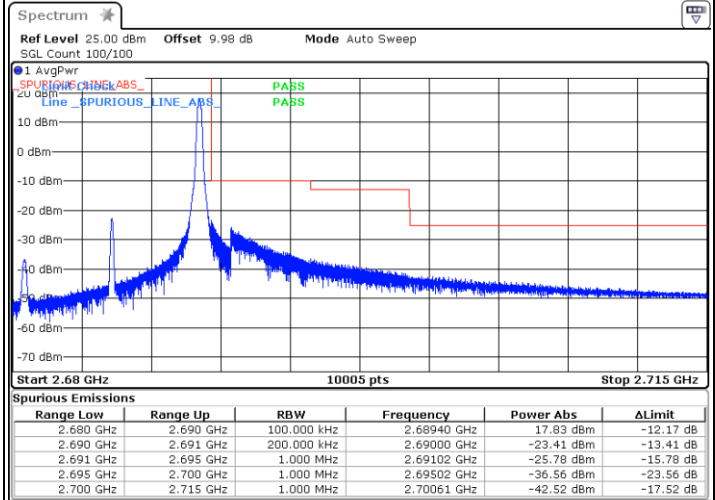


LTE Band 41 / 10MHz / 256QAM

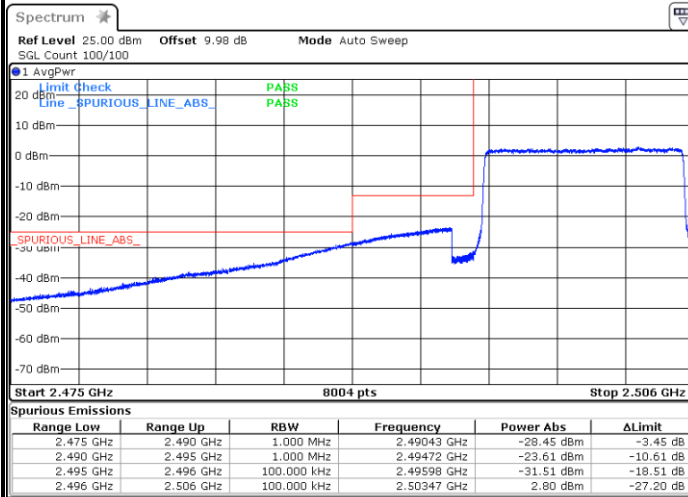
Lowest Band Edge / 1RB



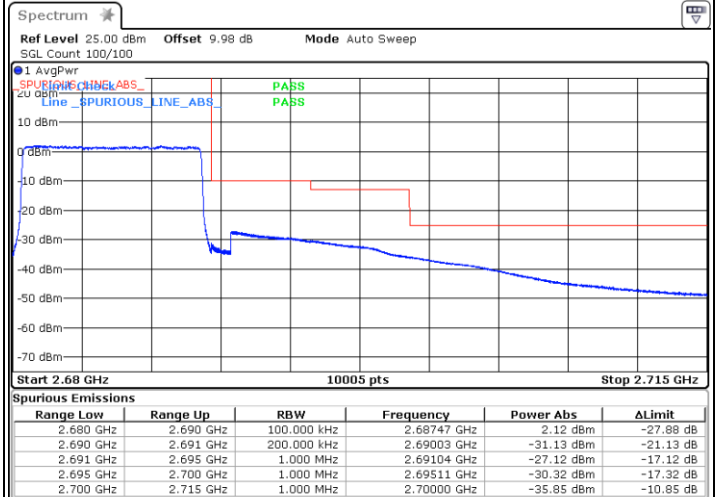
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



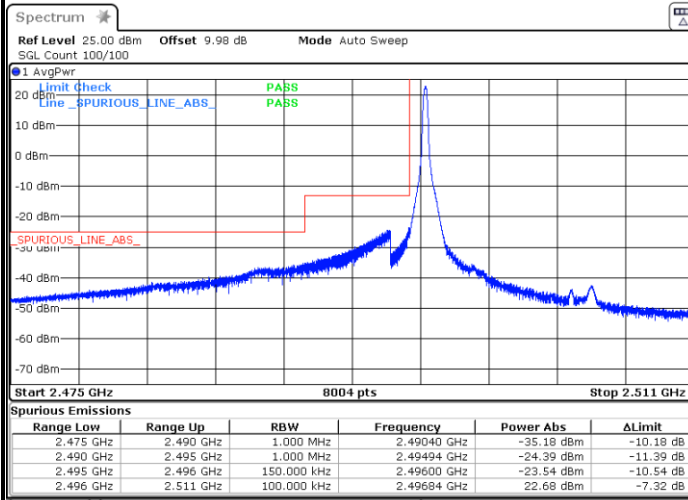
Highest Band Edge / Full RB



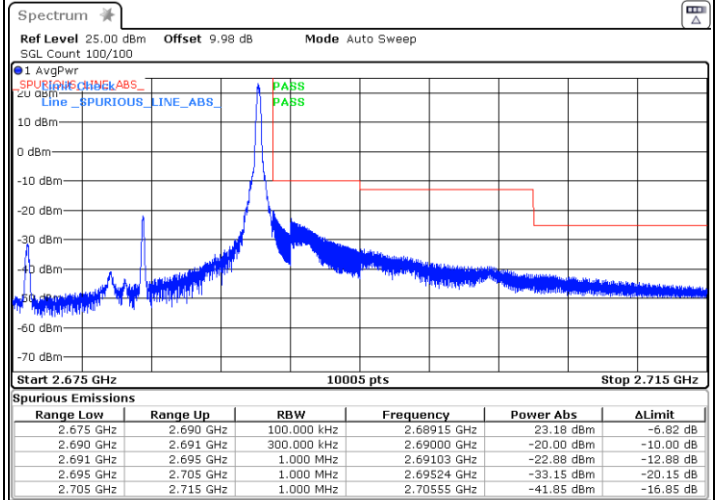


LTE Band 41 / 15MHz / QPSK

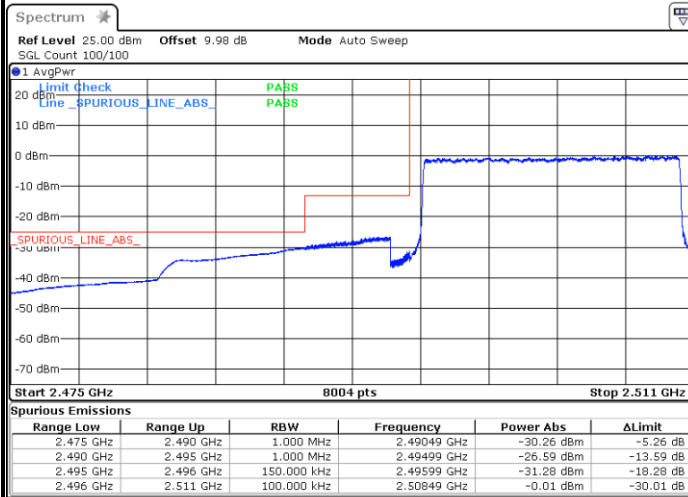
Lowest Band Edge / 1 RB



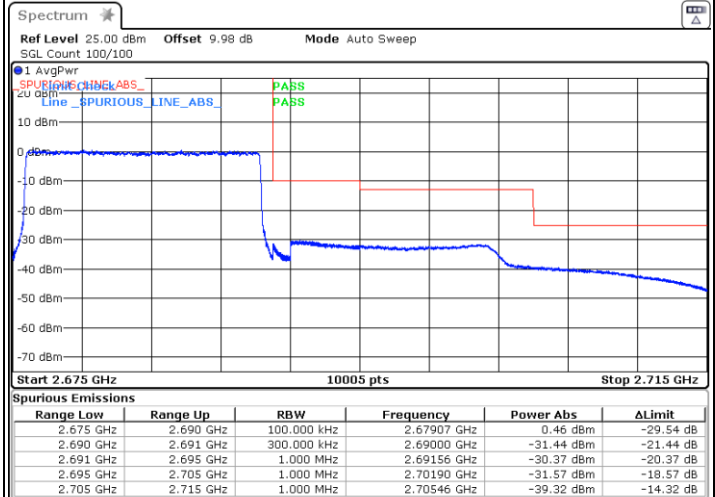
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



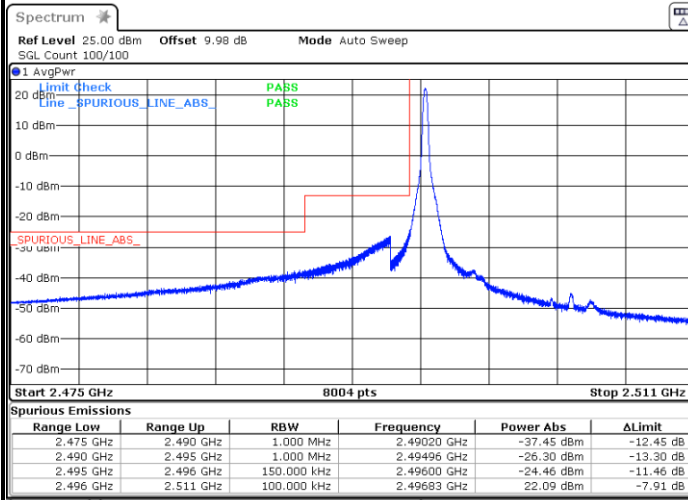
Highest Band Edge / Full RB



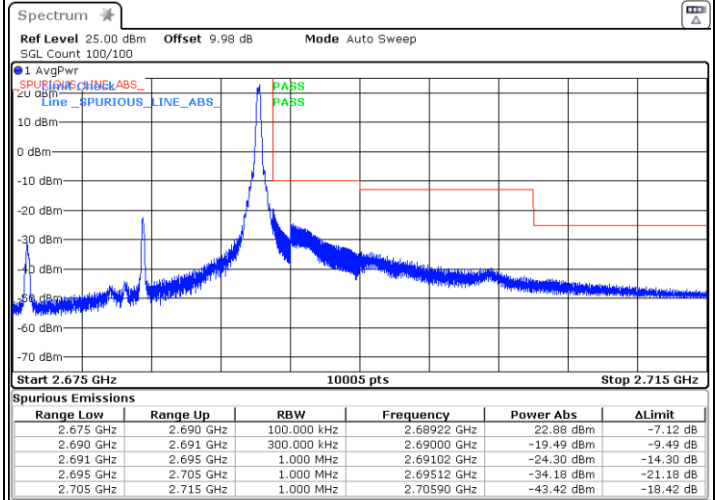


LTE Band 41 / 15MHz / 16QAM

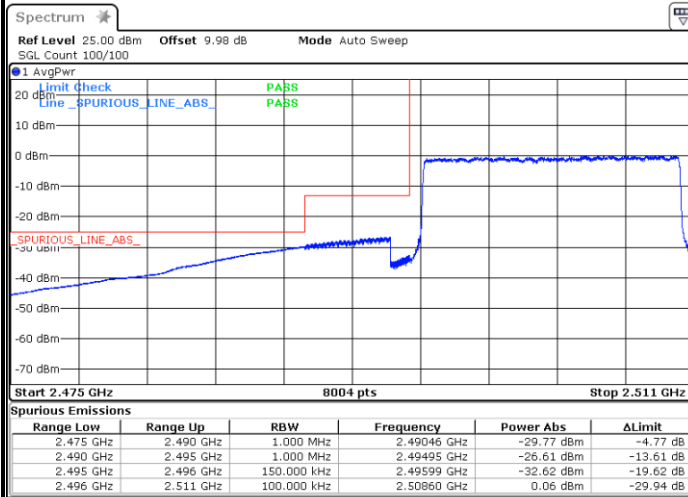
Lowest Band Edge / 1 RB



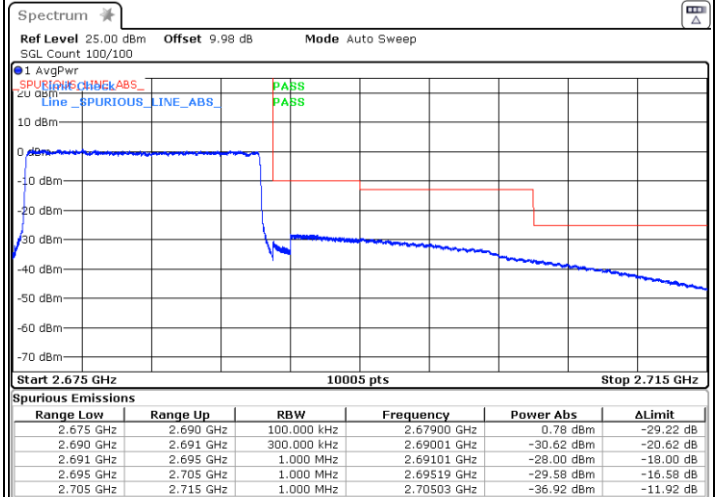
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



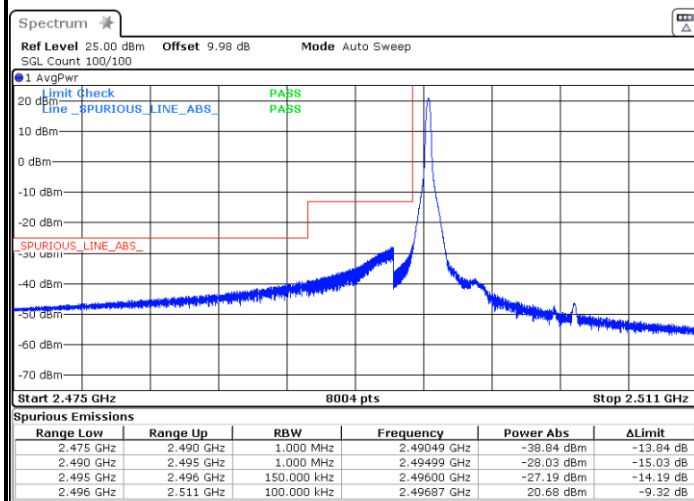
Highest Band Edge / Full RB



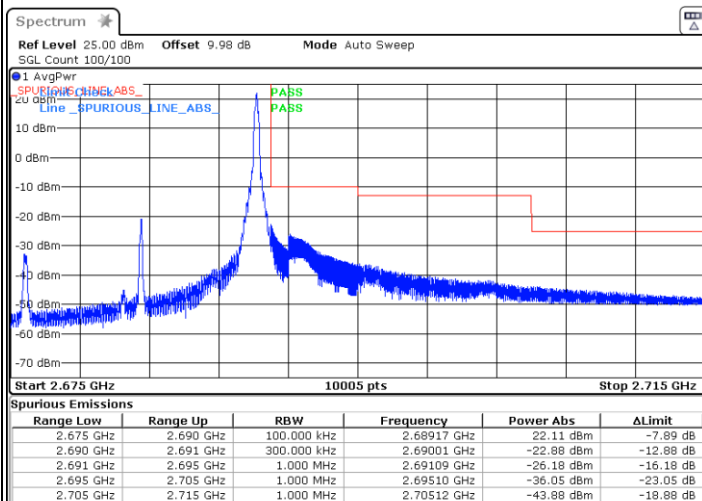


LTE Band 41 / 15MHz / 64QAM

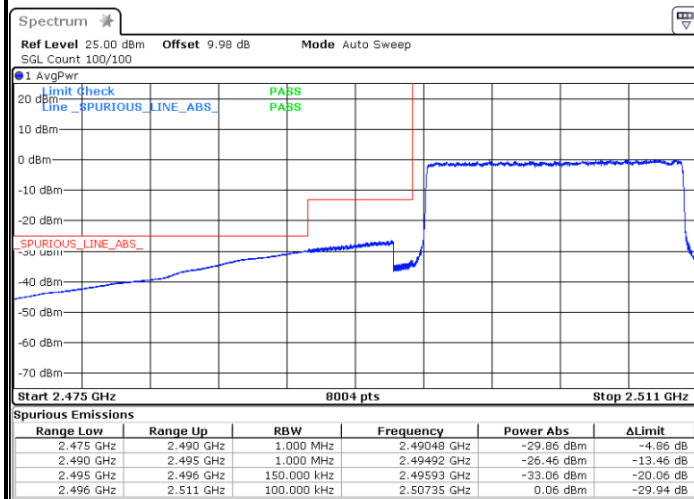
Lowest Band Edge / 1 RB



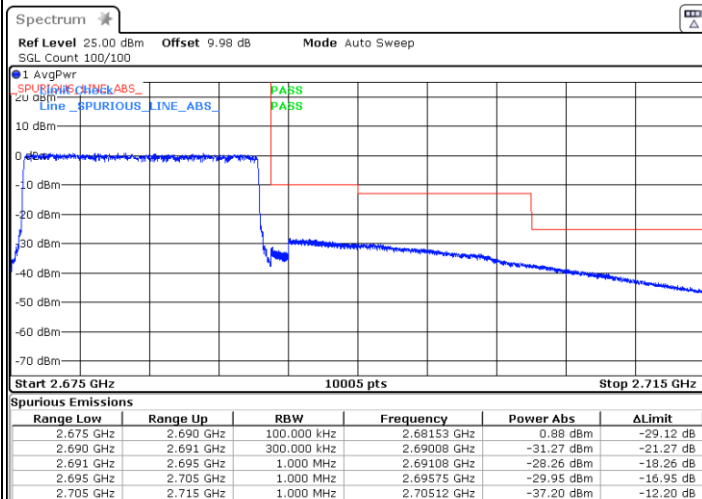
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



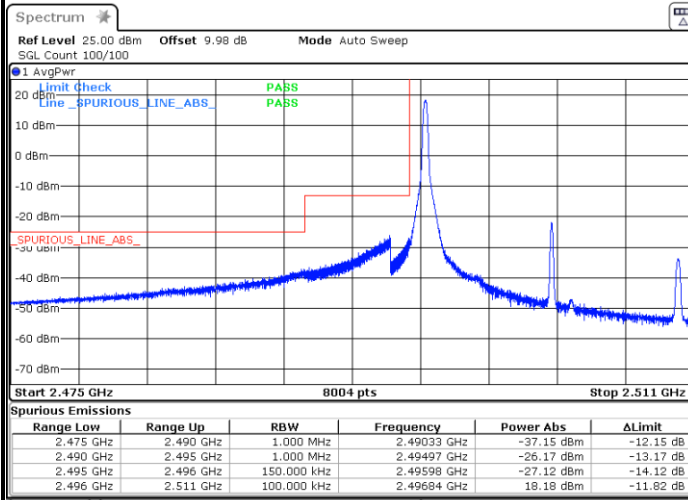
Highest Band Edge / Full RB



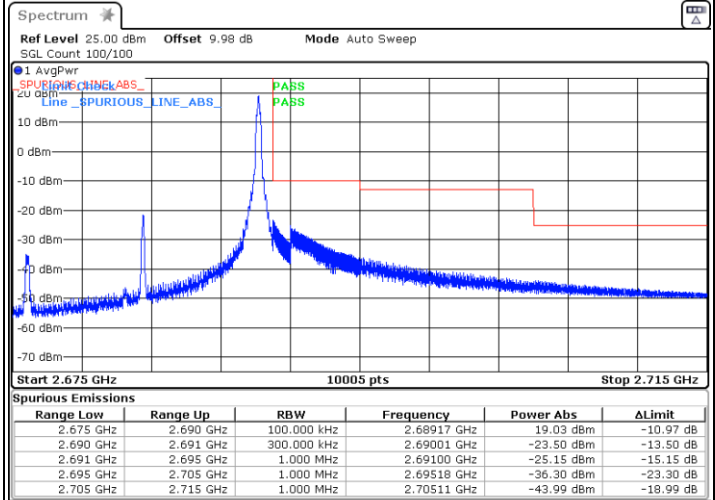


LTE Band 41 / 15MHz / 256QAM

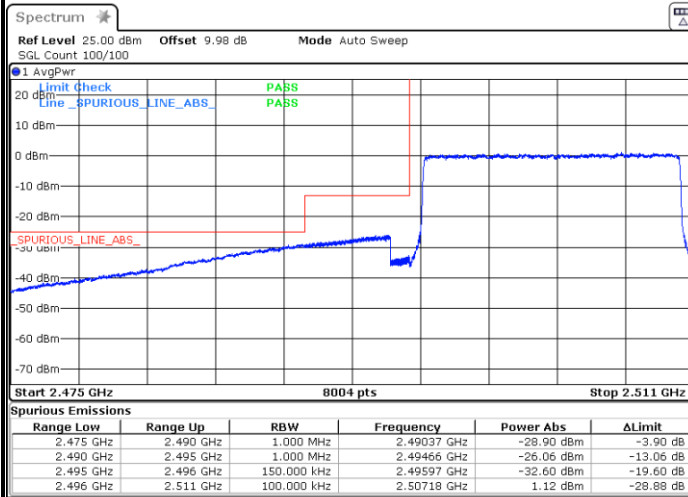
Lowest Band Edge / 1RB



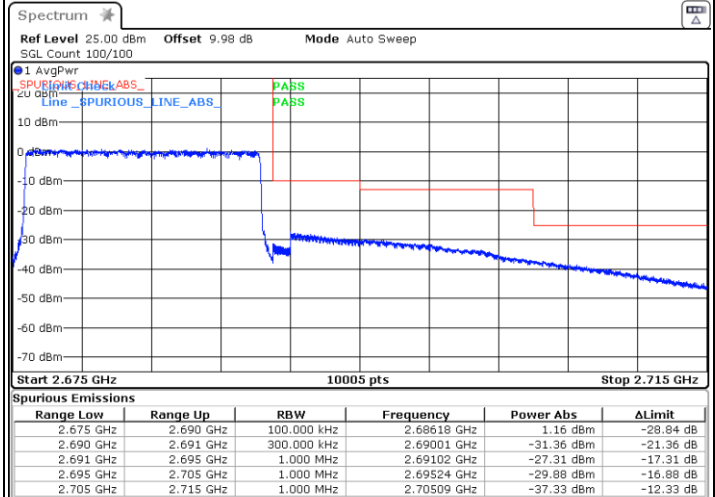
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



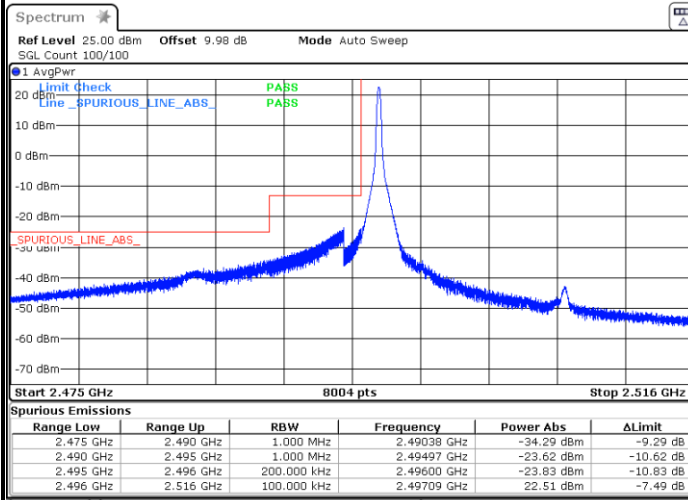
Highest Band Edge / Full RB



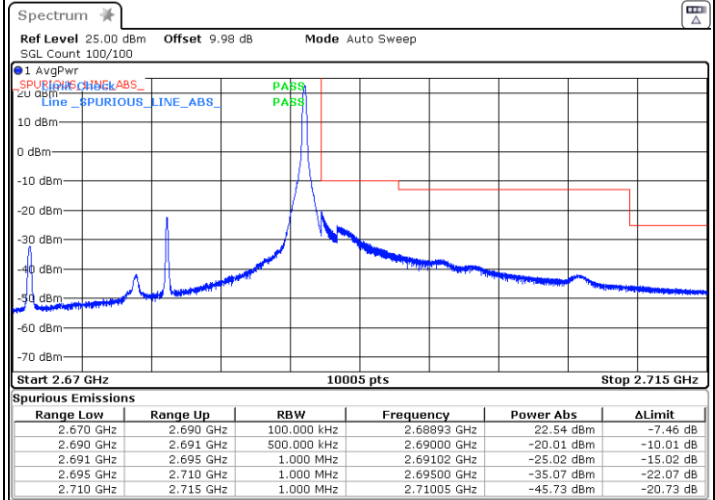


LTE Band 41 / 20MHz / QPSK

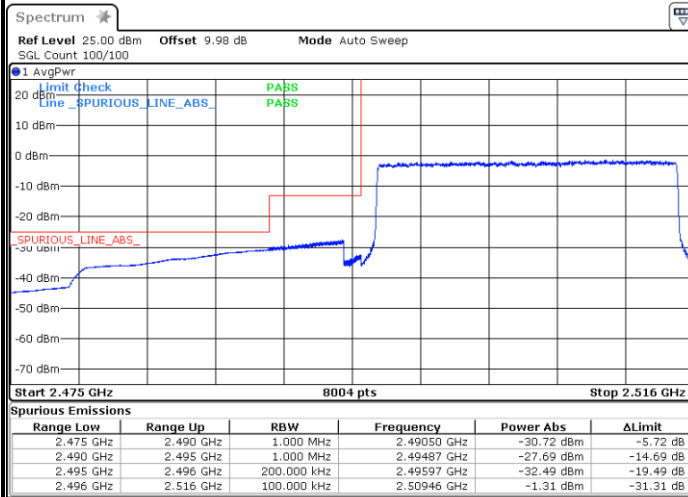
Lowest Band Edge / 1 RB



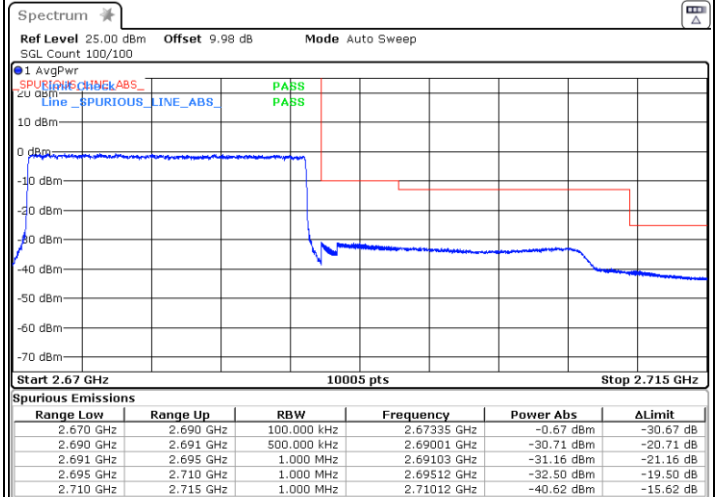
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



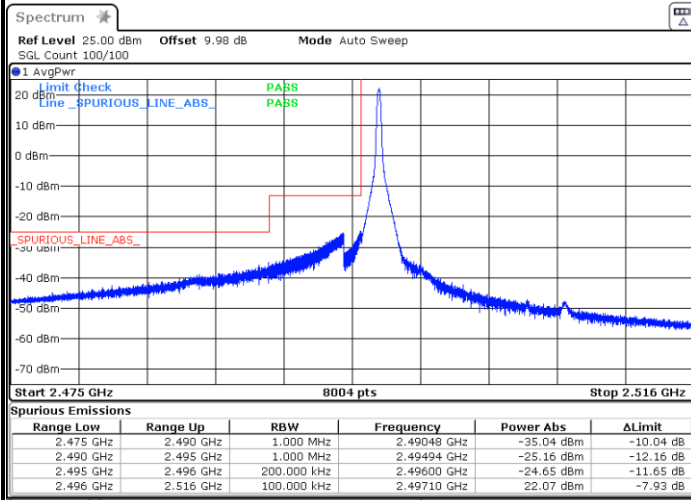
Highest Band Edge / Full RB



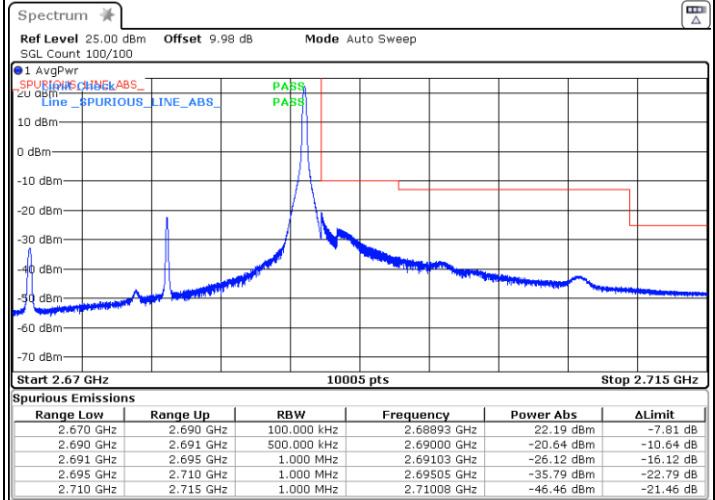


LTE Band 41 / 20MHz / 16QAM

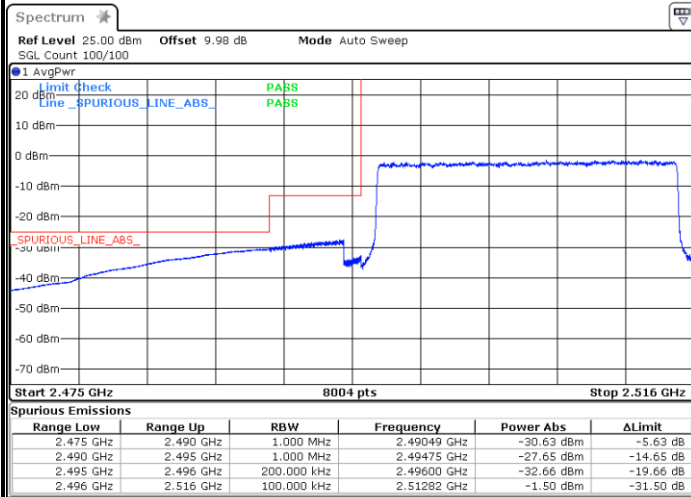
Lowest Band Edge / 1 RB



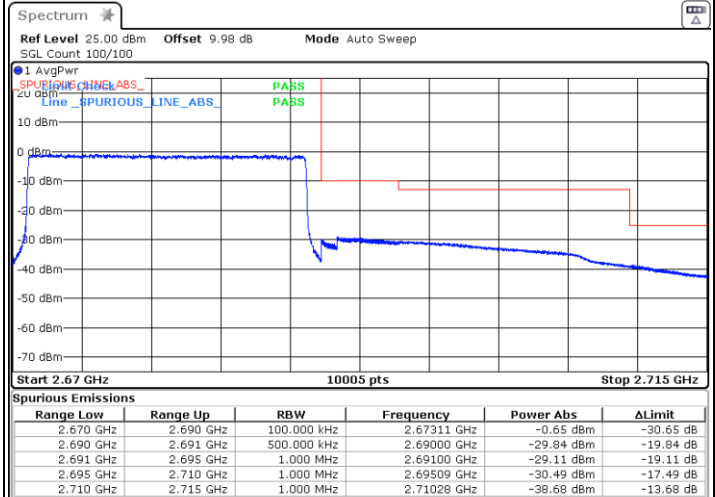
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



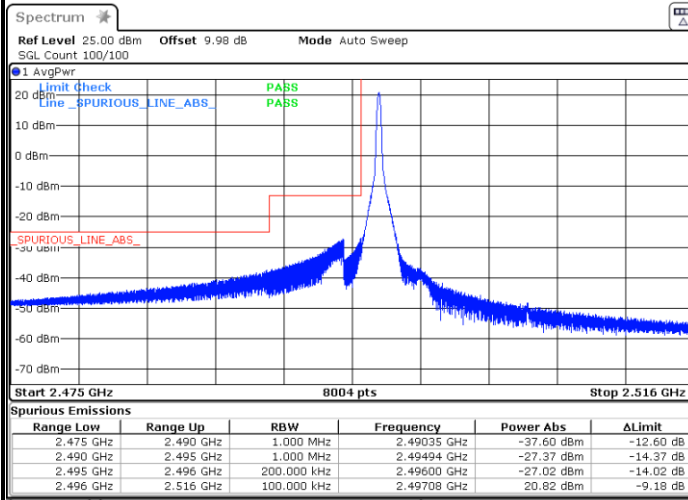
Highest Band Edge / Full RB



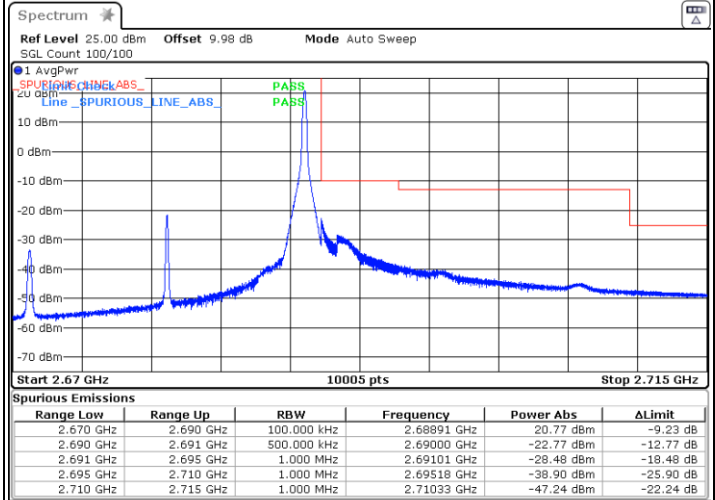


LTE Band 41 / 20MHz / 64QAM

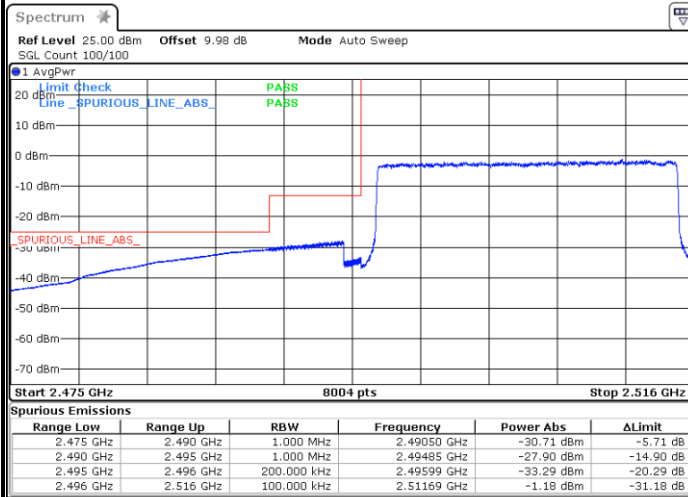
Lowest Band Edge / 1 RB



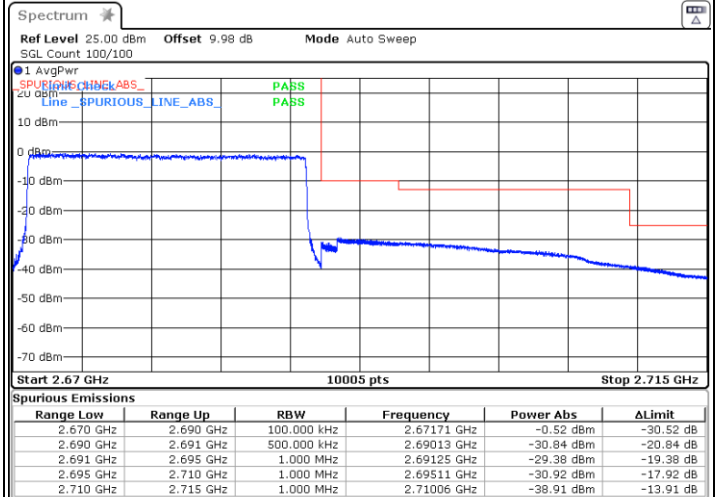
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



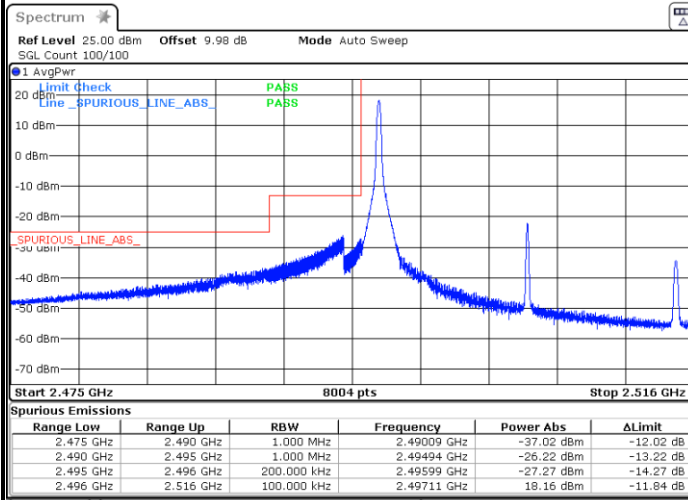
Highest Band Edge / Full RB



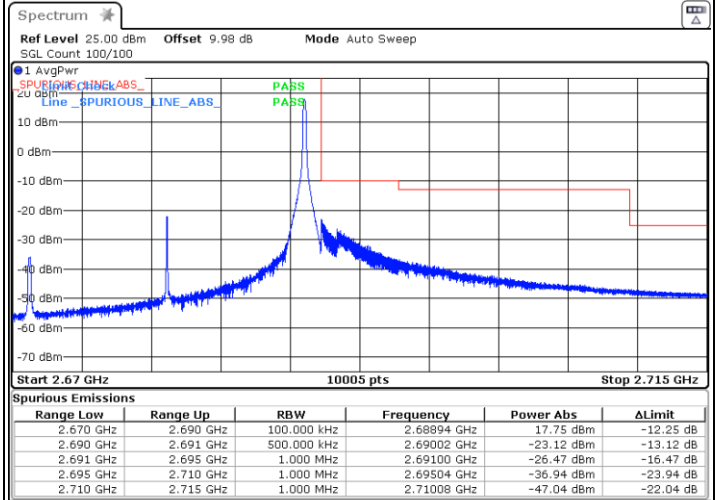


LTE Band 41 / 20MHz / 256QAM

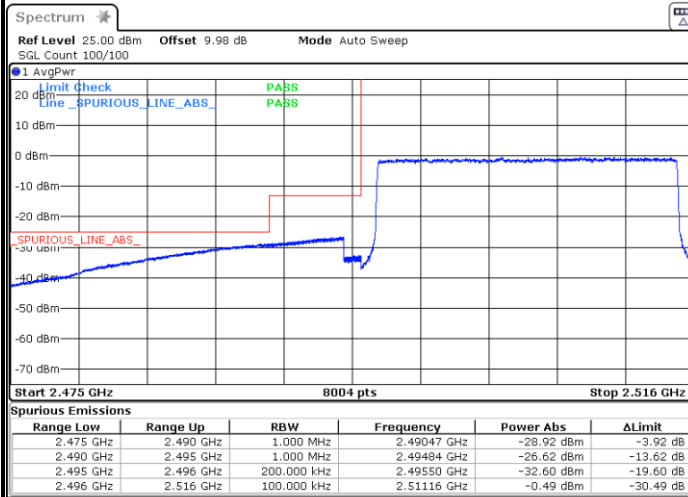
Lowest Band Edge / 1RB



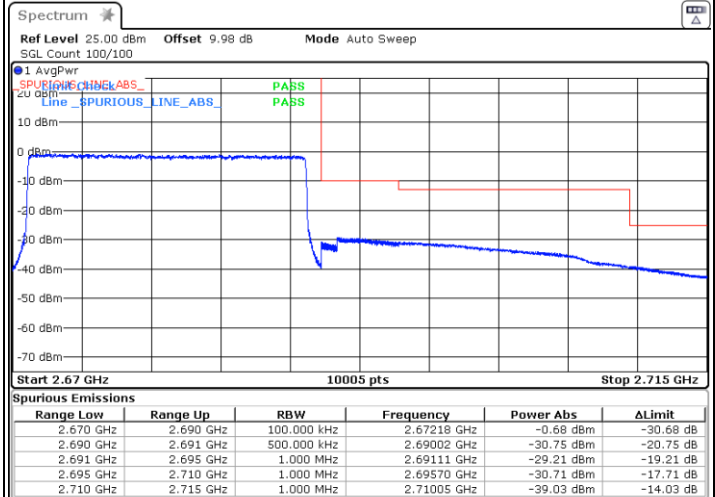
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

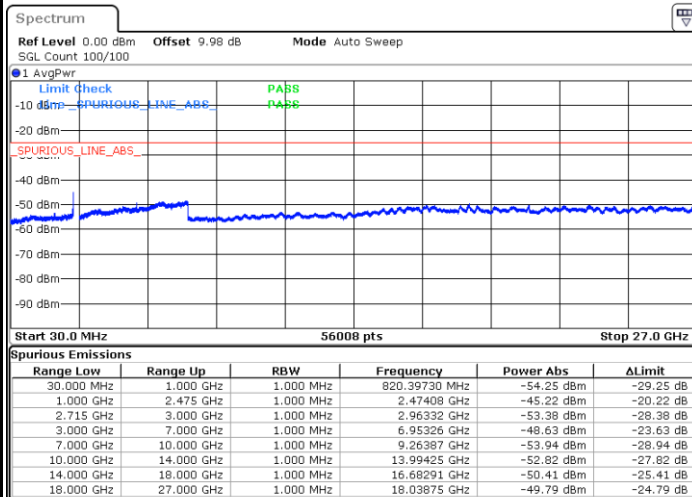




Conducted Spurious Emission

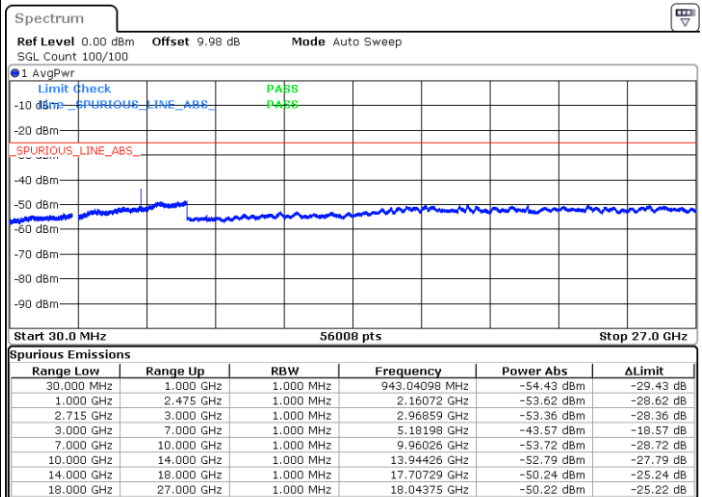
LTE Band 41 / 5MHz

Lowest Channel / QPSK



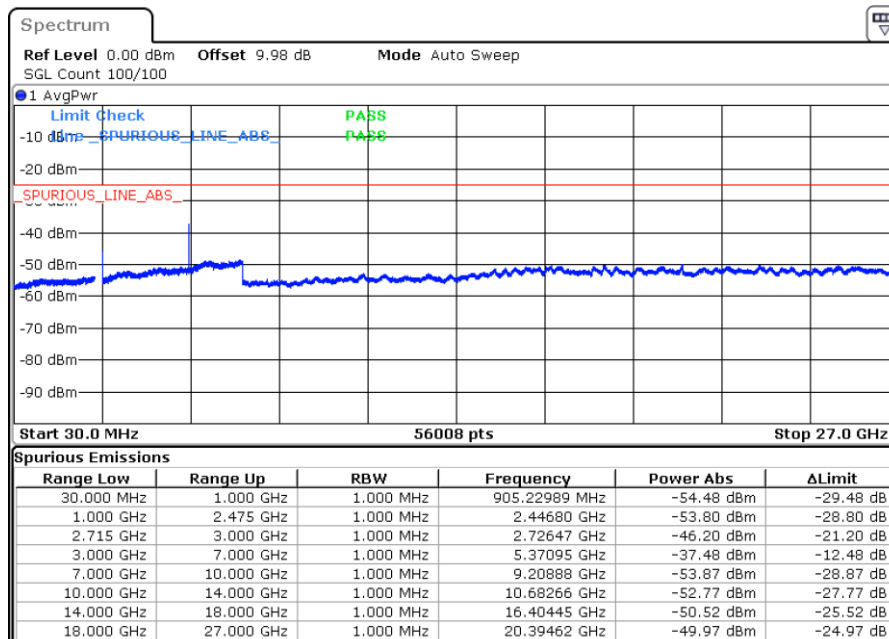
Date: 5.DEC.2022 11:43:56

Middle Channel / QPSK



Date: 6.DEC.2022 11:37:23

Highest Channel / QPSK

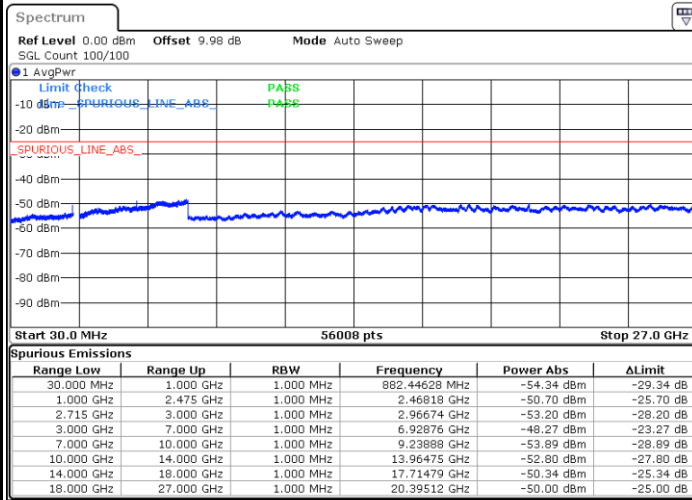


Date: 6.DEC.2022 11:35:38



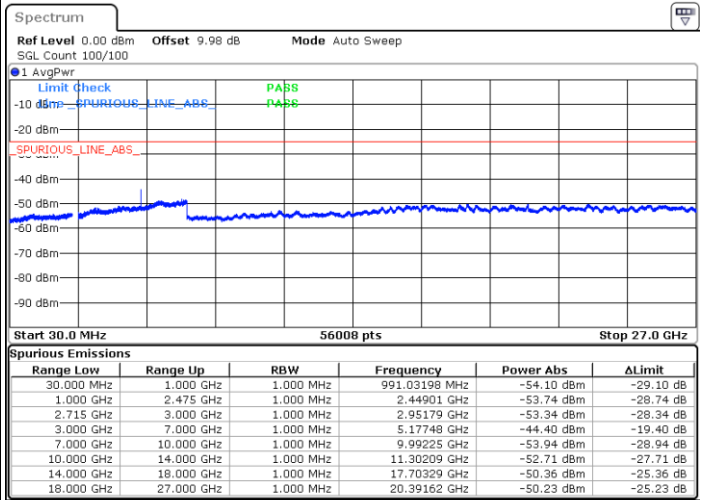
LTE Band 41 / 10MHz

Lowest Channel / QPSK



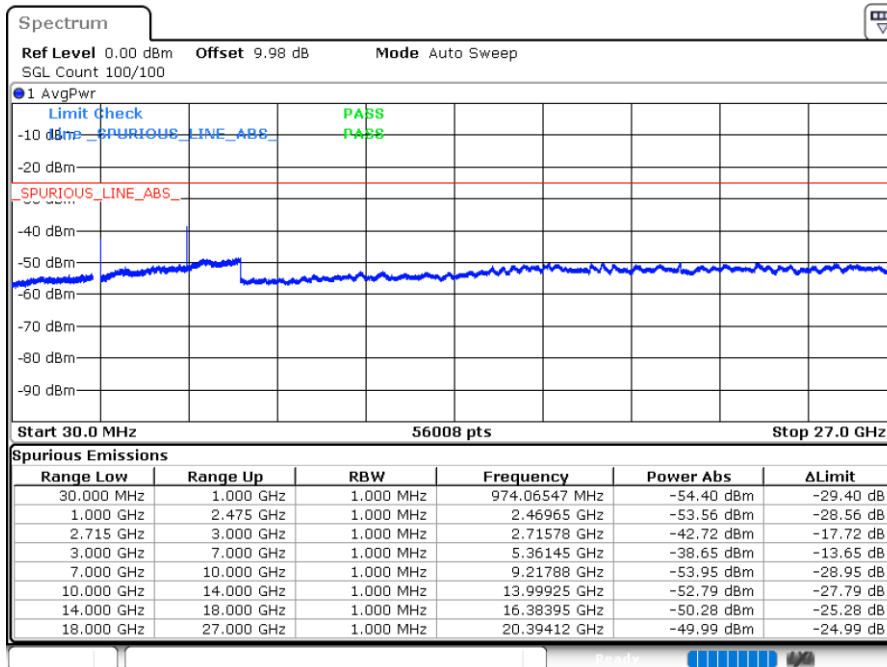
Date: 5.DEC.2022 13:41:02

Middle Channel / QPSK



Date: 5.DEC.2022 13:52:05

Highest Channel / QPSK

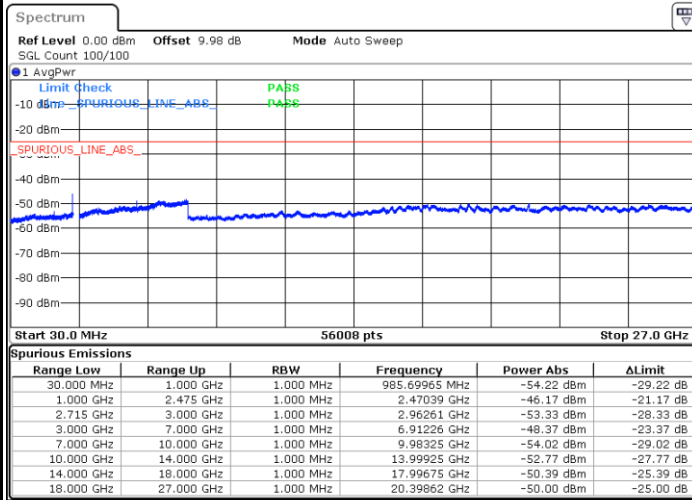


Date: 5.DEC.2022 13:53:10



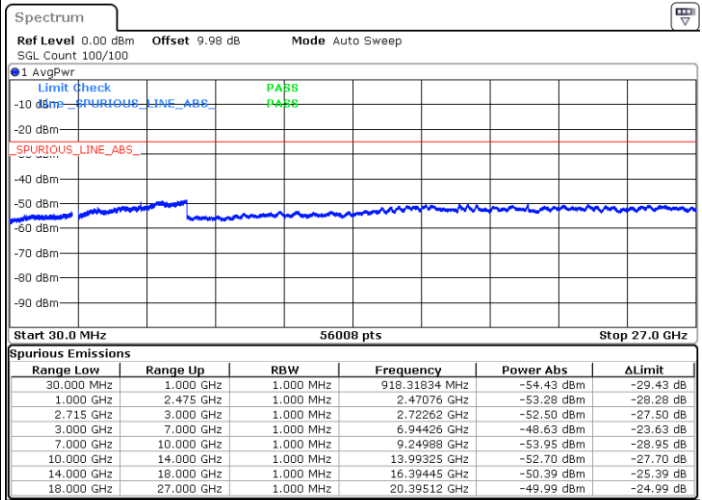
LTE Band 41 / 15MHz

Lowest Channel / QPSK



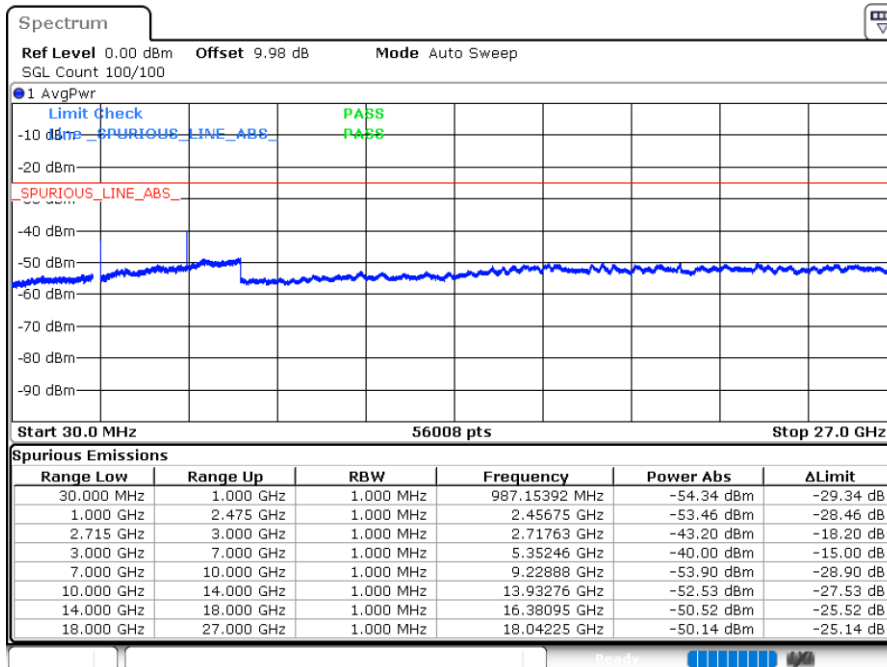
Date: 5.DEC.2022 14:01:53

Middle Channel / QPSK



Date: 5.DEC.2022 14:10:00

Highest Channel / QPSK

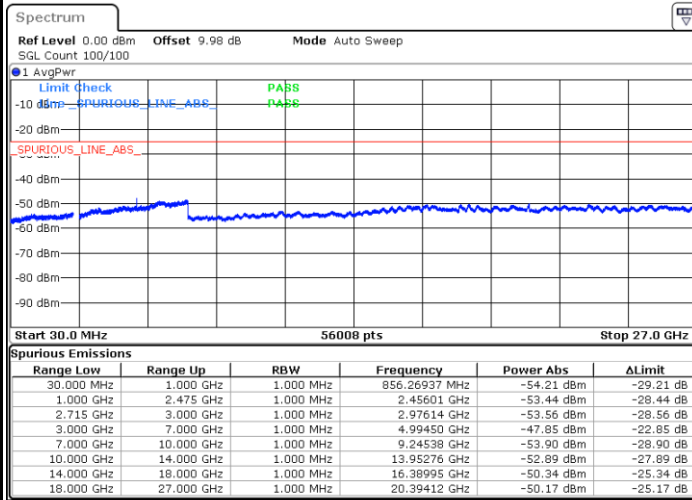


Date: 5.DEC.2022 14:11:04



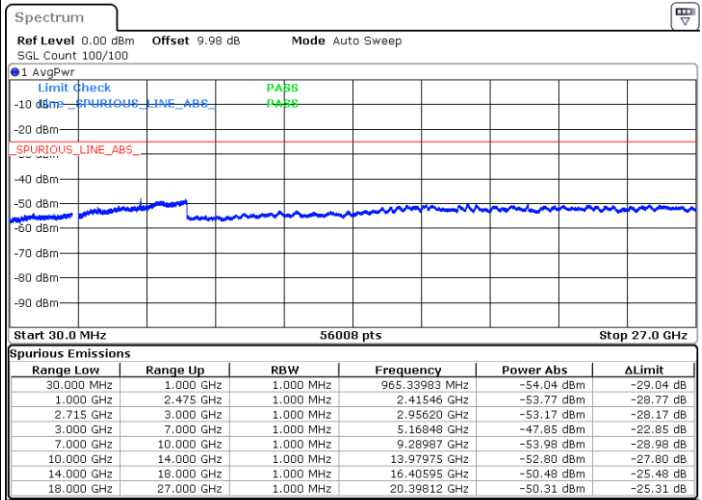
LTE Band 41 / 20MHz

Lowest Channel / QPSK



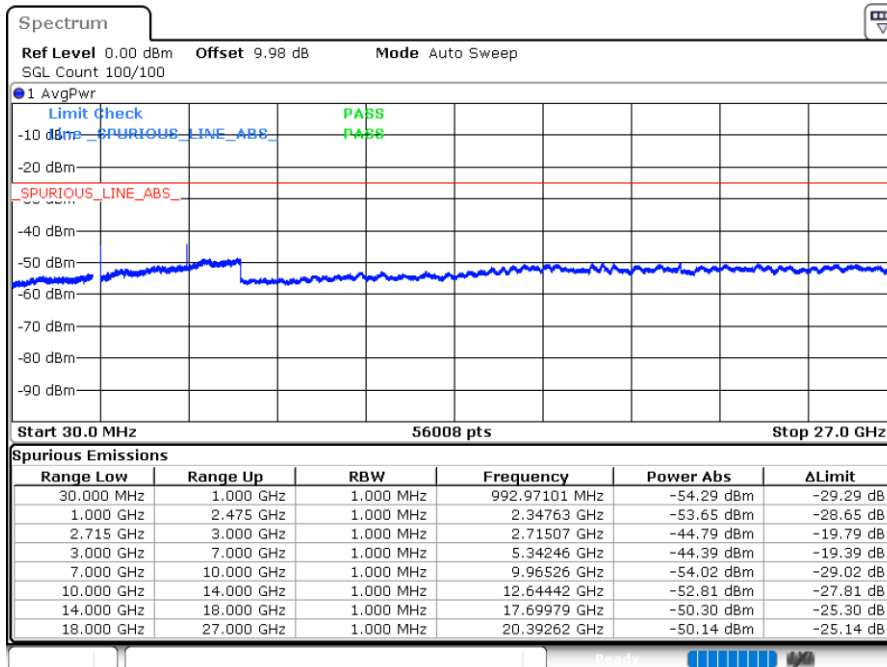
Date: 5.DEC.2022 14:19:19

Middle Channel / QPSK



Date: 5.DEC.2022 14:27:25

Highest Channel / QPSK



Date: 5.DEC.2022 14:28:29

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	0.0024	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.45V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 38C

26dB Bandwidth

Mode	LTE Band 38C : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	15MHz+15MHz	15MHz+15MHz
Middle CH	30.99	30.69
Mode	LTE Band 38C : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	40.12	39.80