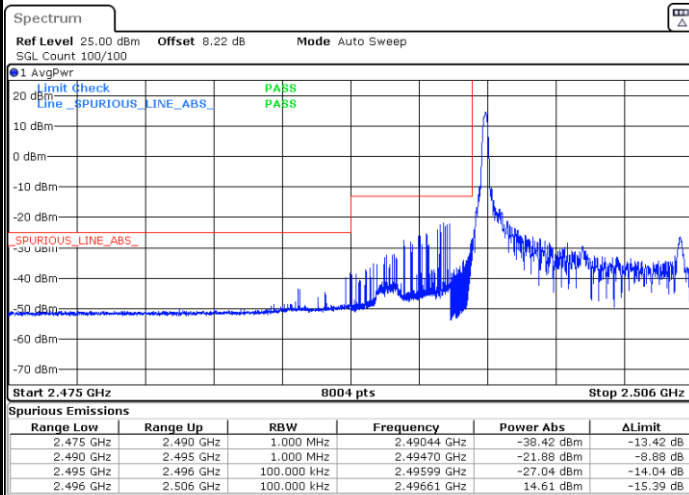


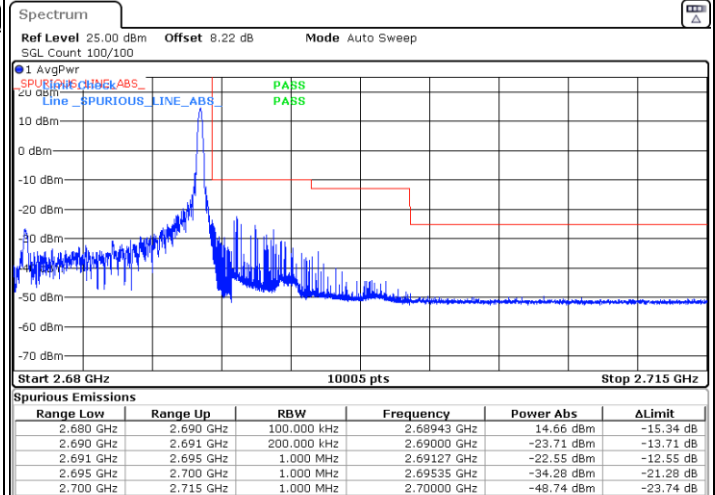


LTE Band 41 / 10MHz / 256QAM

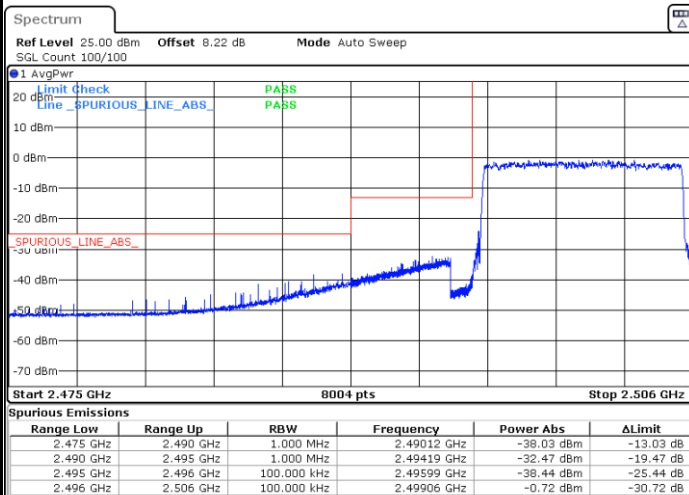
Lowest Band Edge / 1RB



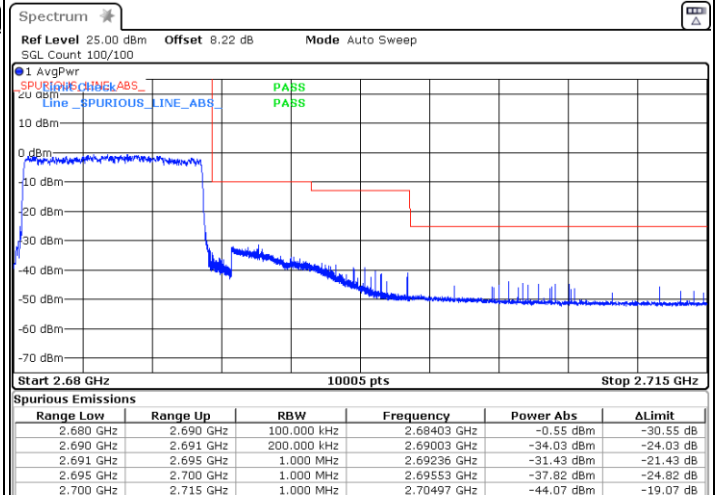
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



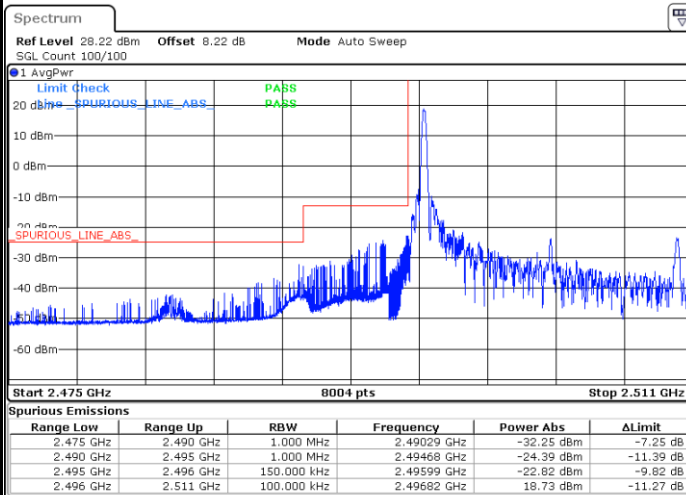
Highest Band Edge / Full RB



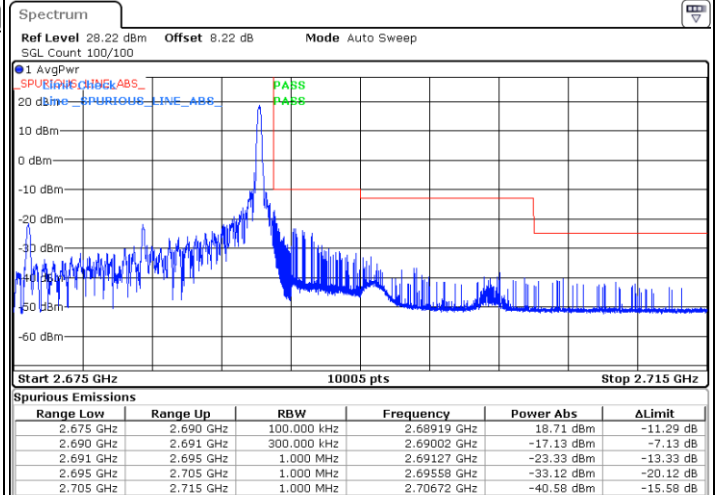


LTE Band 41 / 15MHz / QPSK

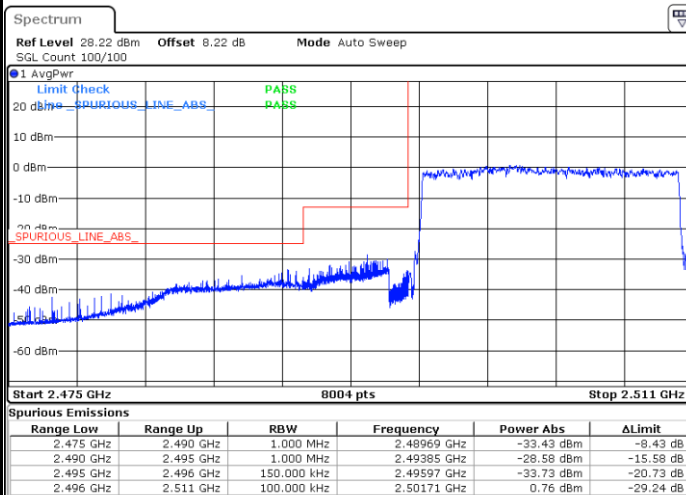
Lowest Band Edge / 1 RB



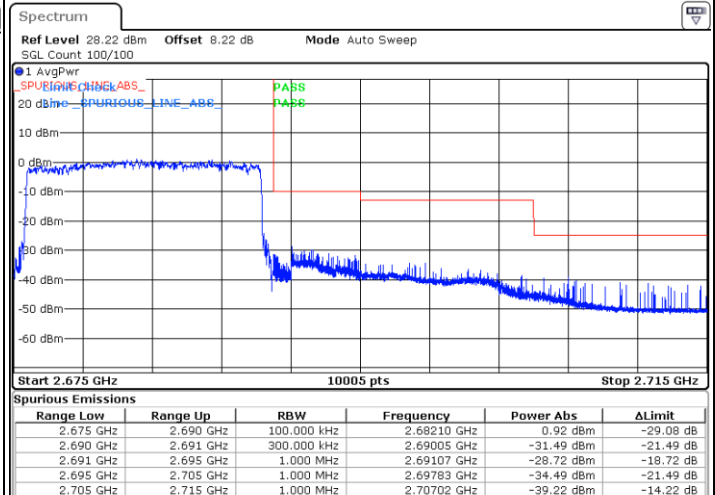
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



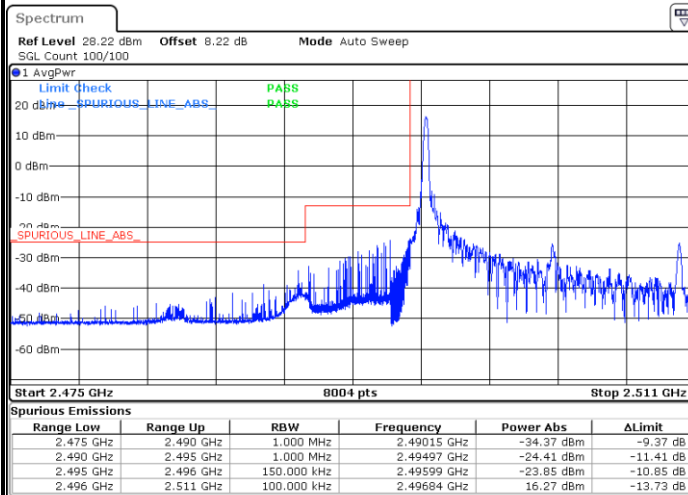
Highest Band Edge / Full RB



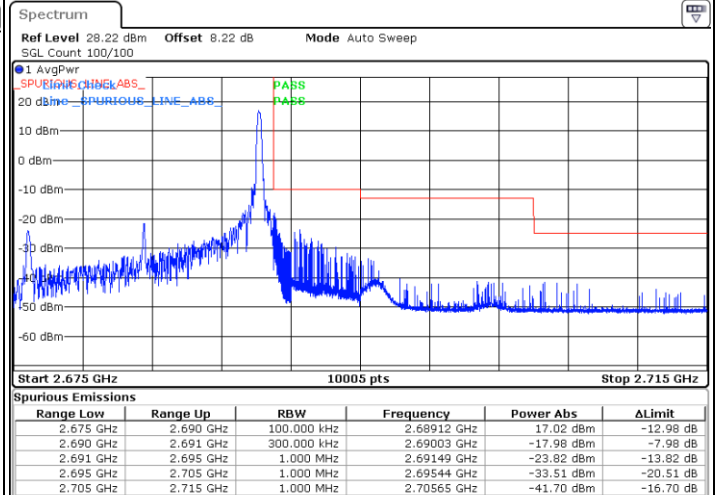


LTE Band 41 / 15MHz / 16QAM

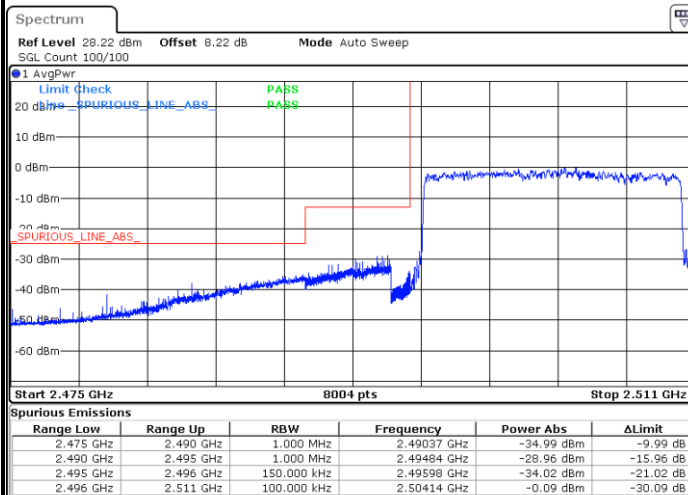
Lowest Band Edge / 1 RB



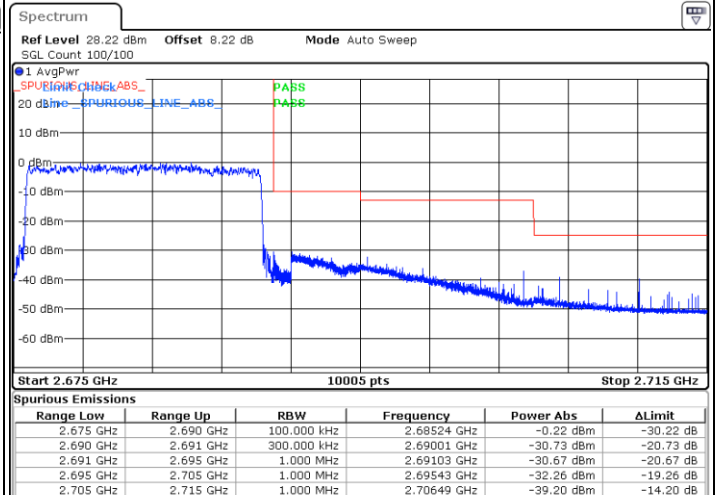
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



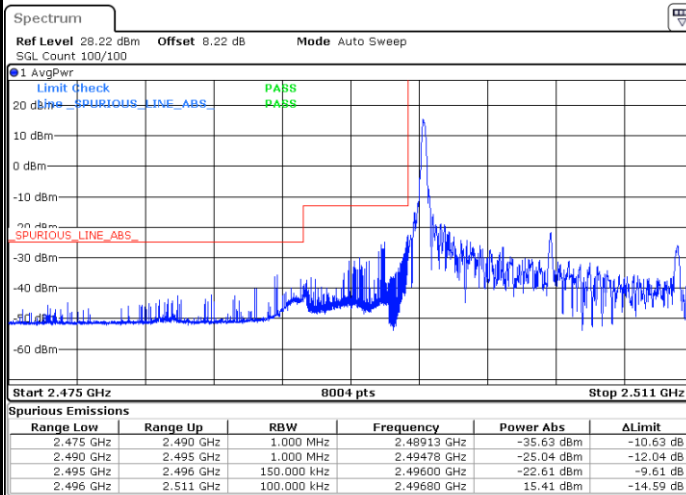
Highest Band Edge / Full RB



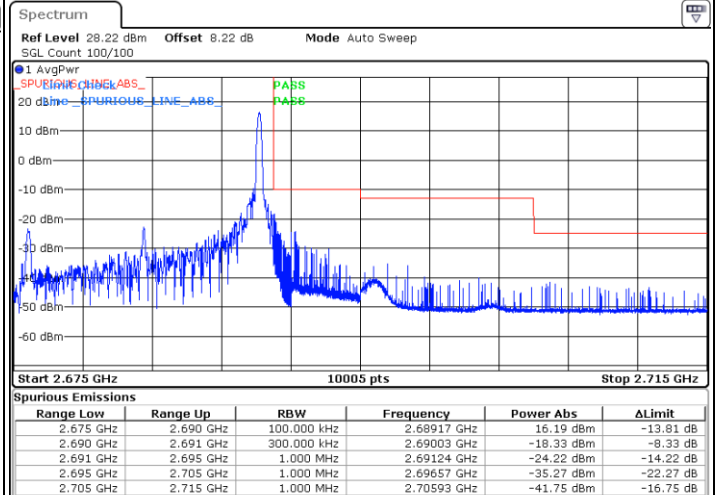


LTE Band 41 / 15MHz / 64QAM

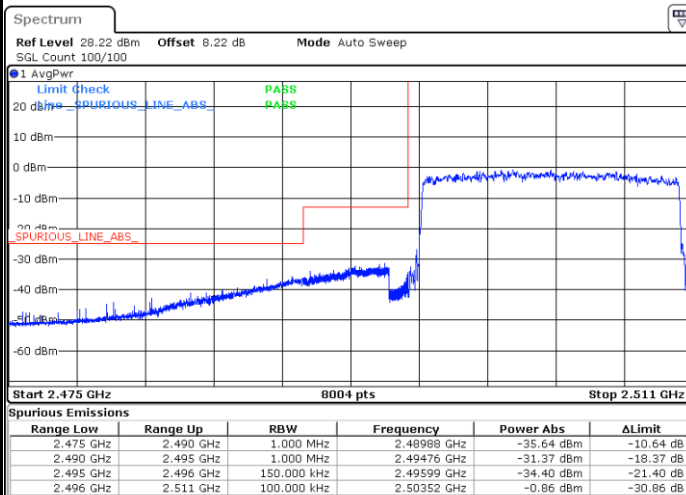
Lowest Band Edge / 1 RB



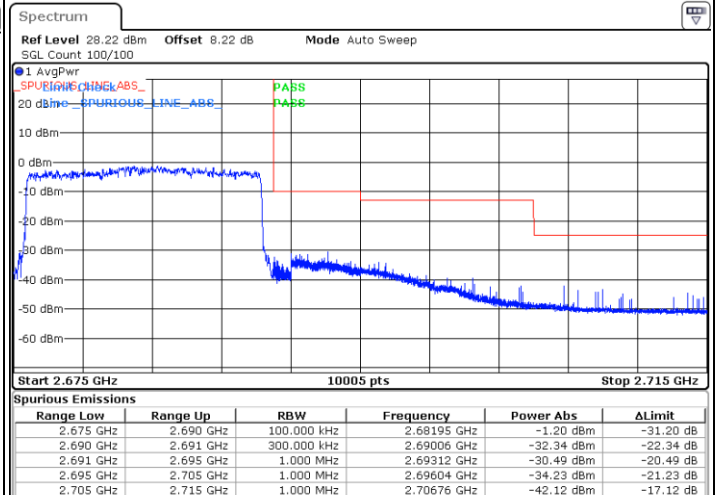
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



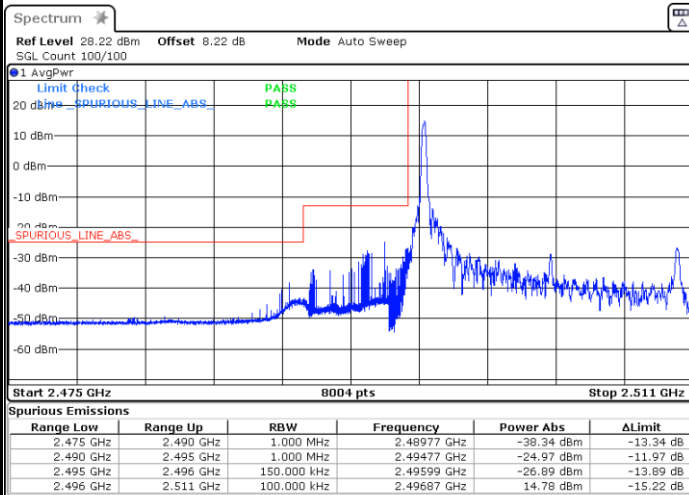
Highest Band Edge / Full RB



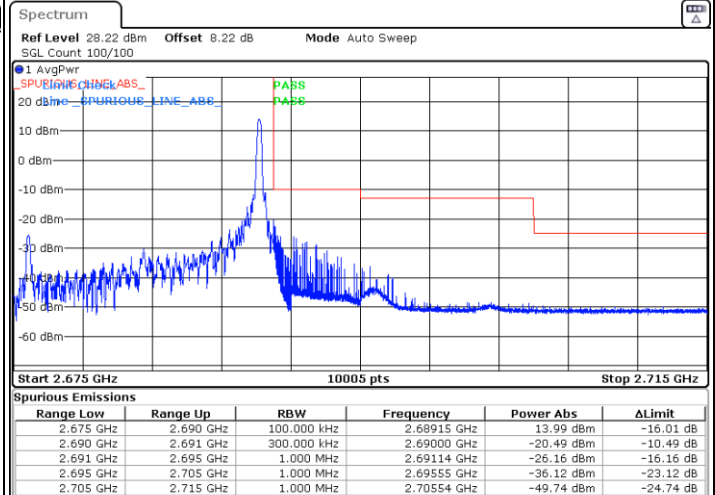


LTE Band 41 / 15MHz / 256QAM

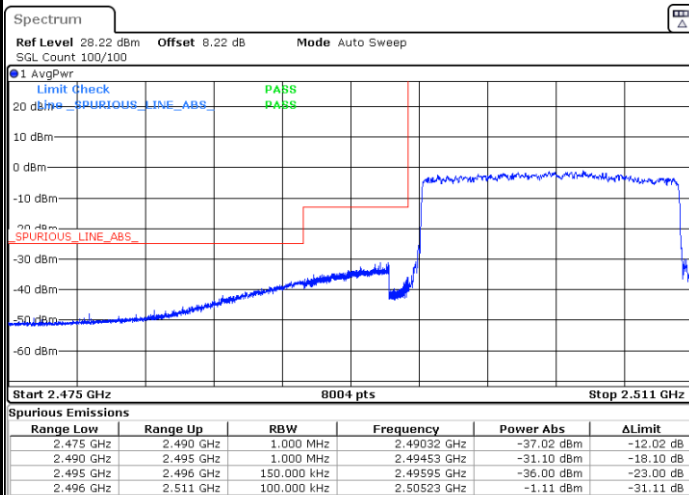
Lowest Band Edge / 1RB



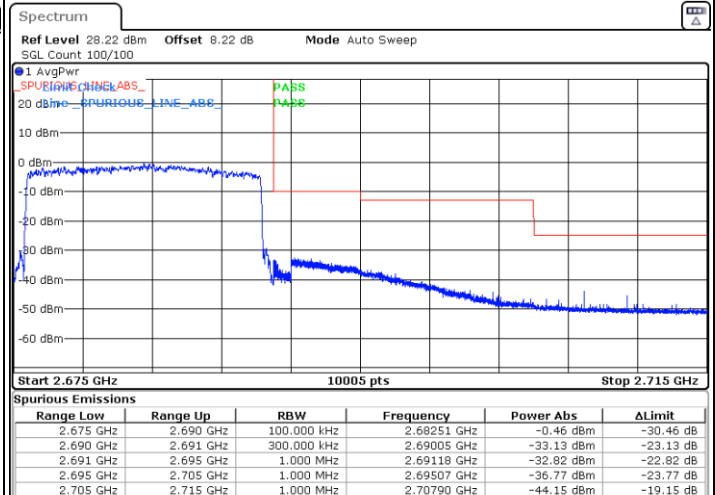
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



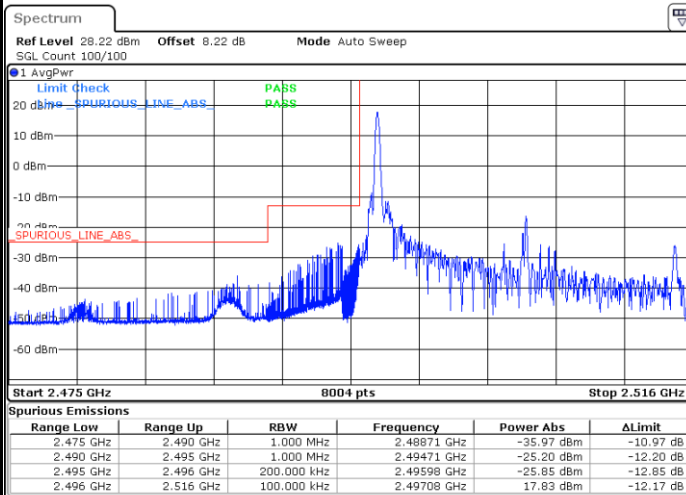
Highest Band Edge / Full RB



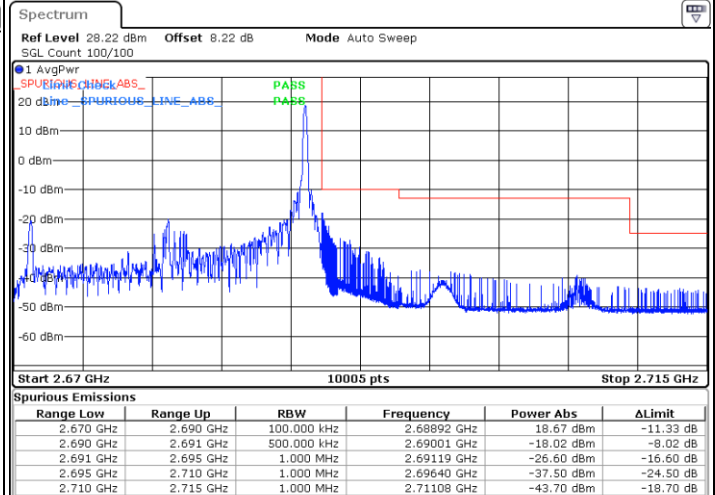


LTE Band 41 / 20MHz / QPSK

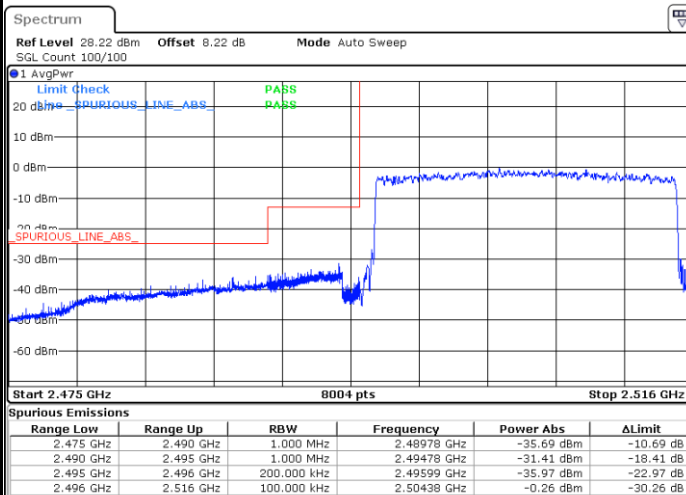
Lowest Band Edge / 1 RB



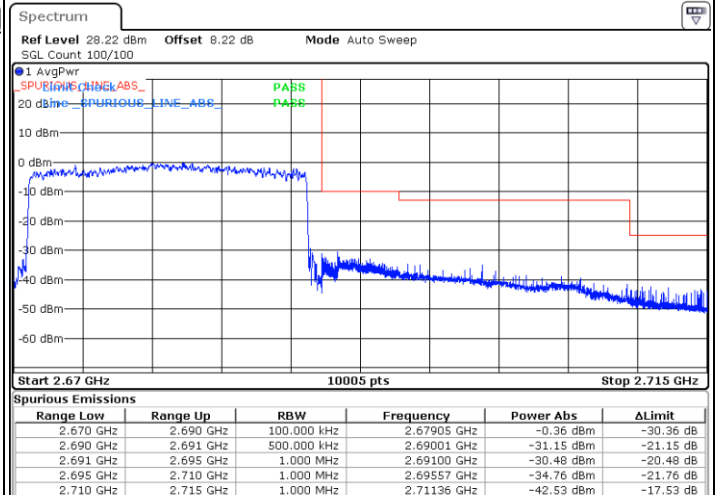
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



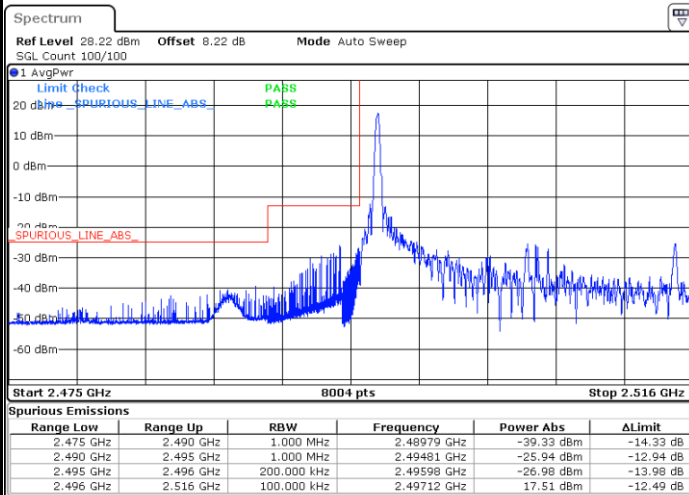
Highest Band Edge / Full RB



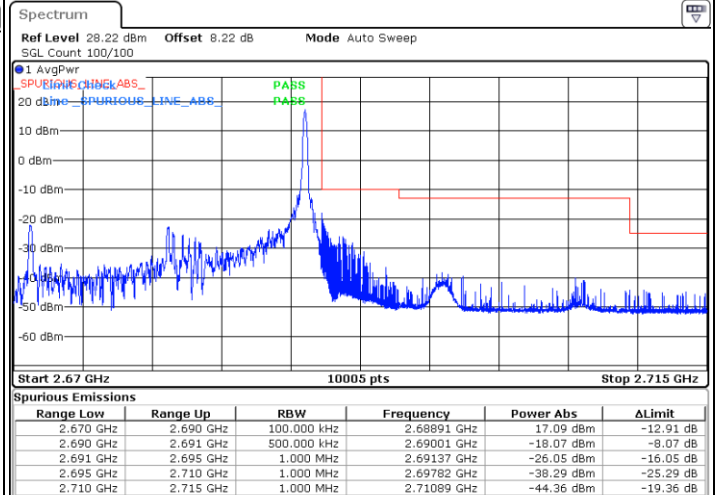


LTE Band 41 / 20MHz / 16QAM

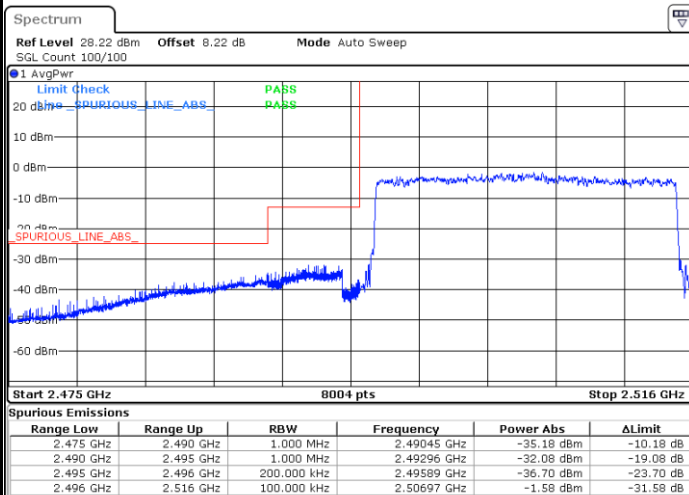
Lowest Band Edge / 1 RB



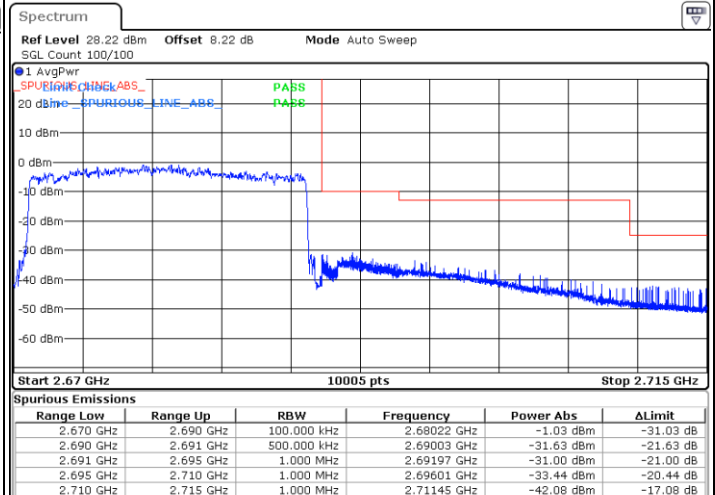
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



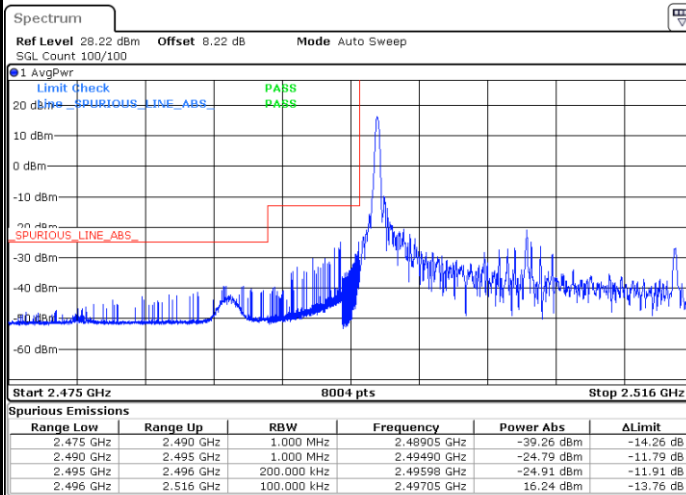
Highest Band Edge / Full RB



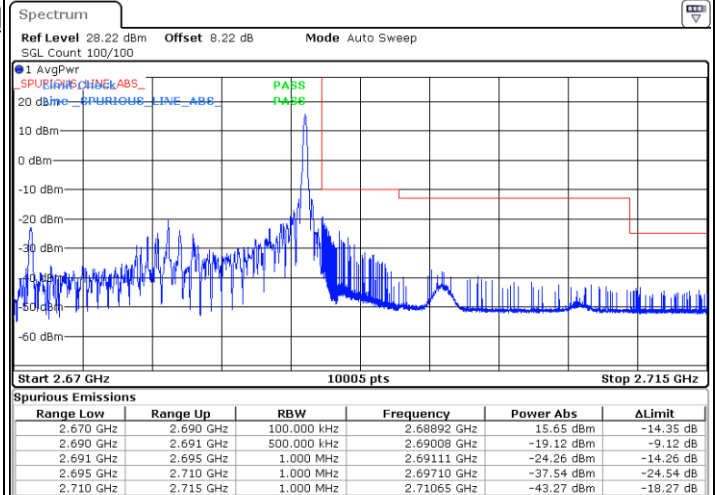


LTE Band 41 / 20MHz / 64QAM

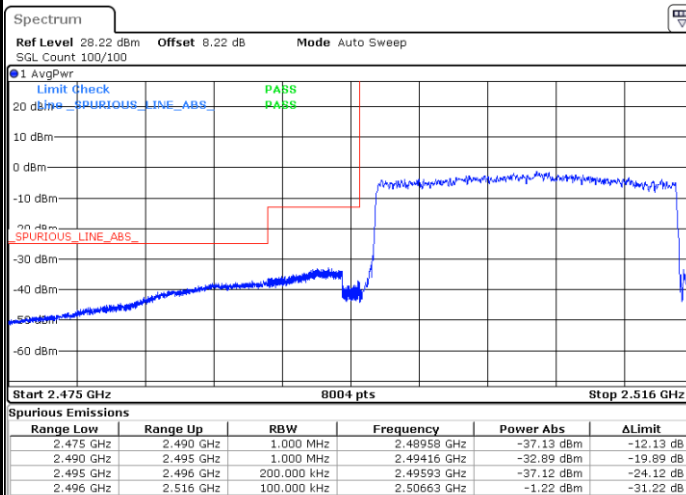
Lowest Band Edge / 1 RB



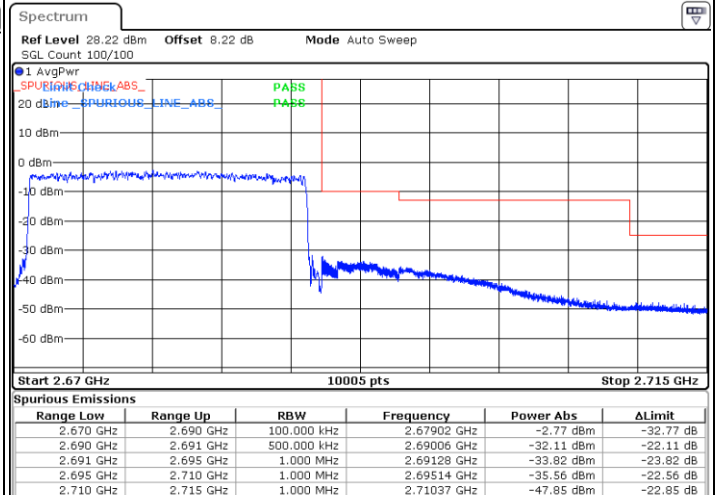
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



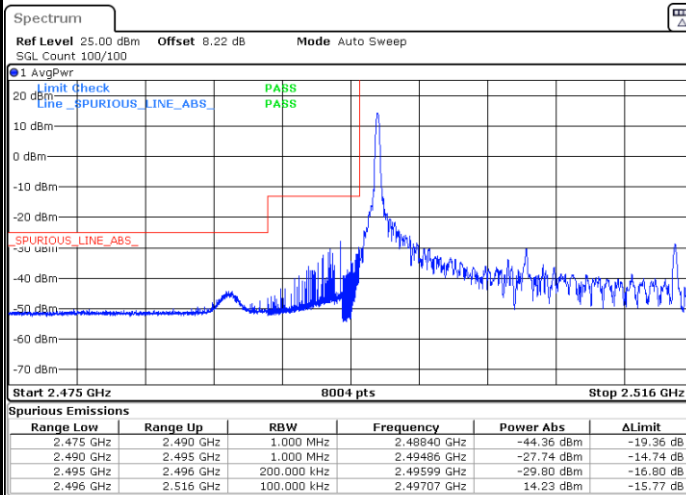
Highest Band Edge / Full RB



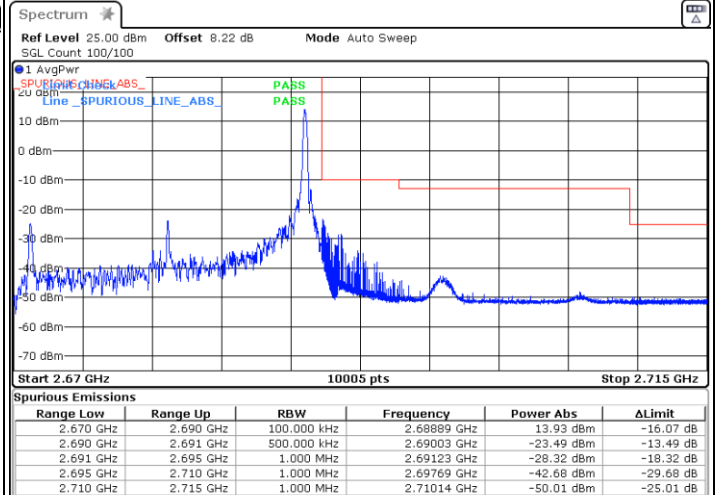


LTE Band 41 / 20MHz / 256QAM

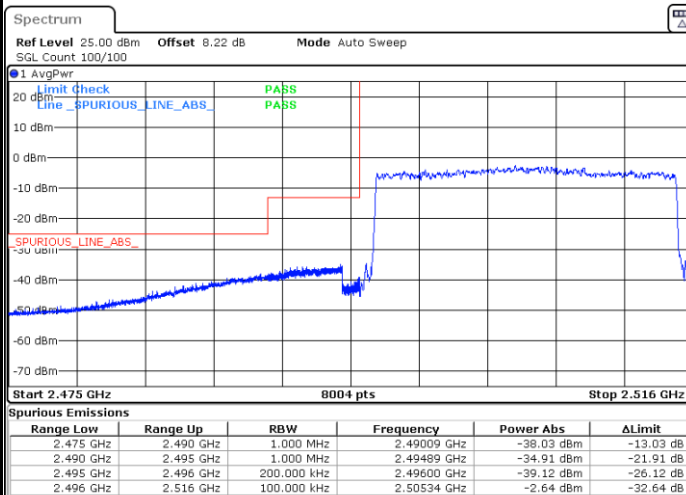
Lowest Band Edge / 1RB



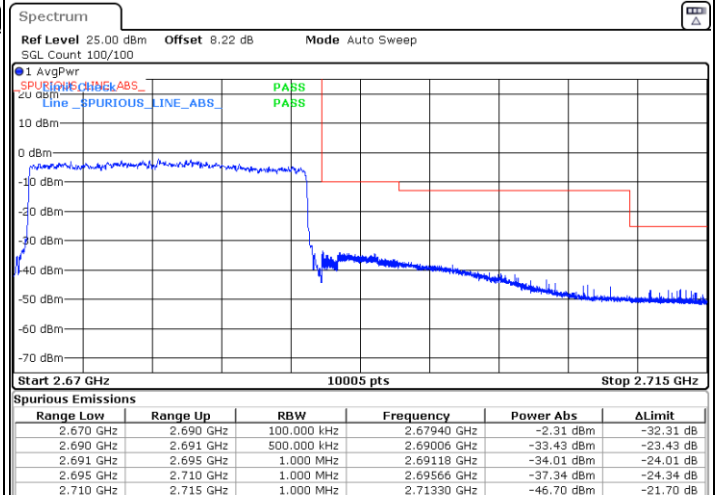
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



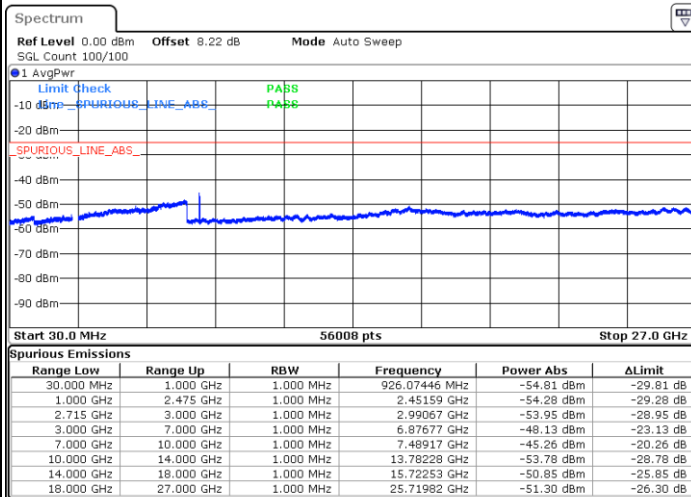


Conducted Spurious Emission

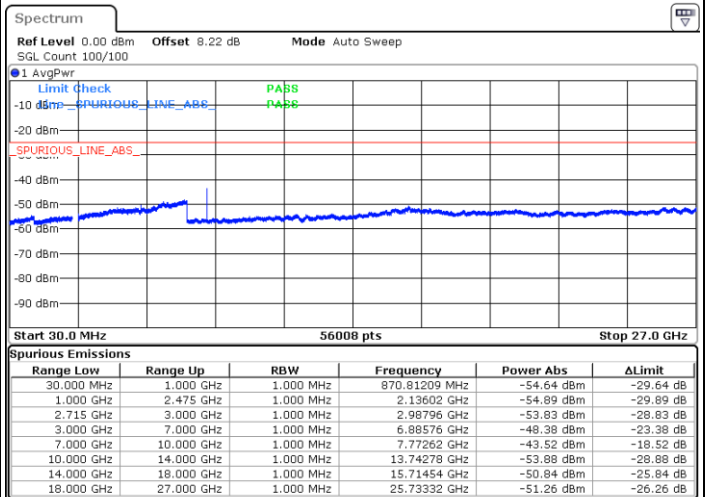
LTE Band 41 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

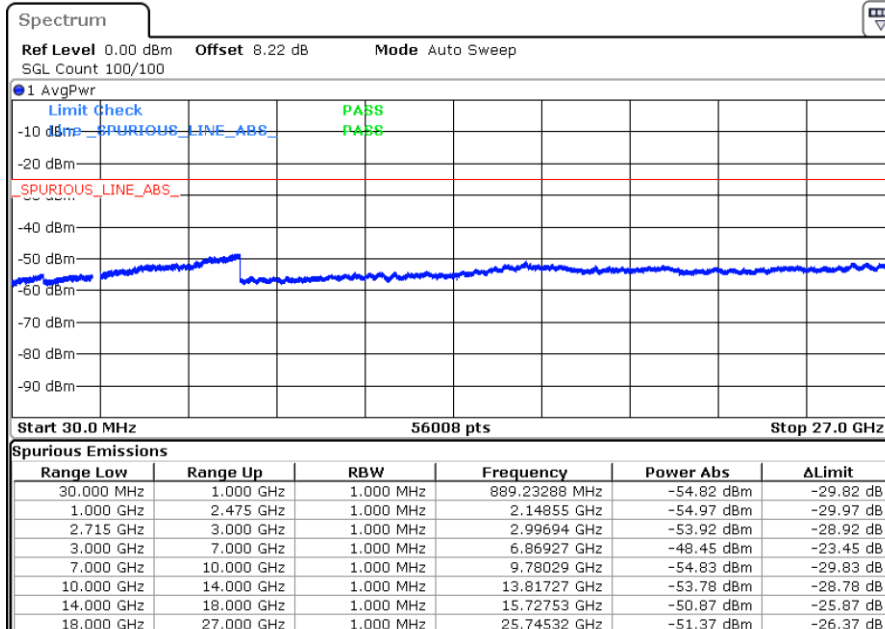


Date: 30.APR.2024 23:36:23



Date: 30.APR.2024 23:43:10

Highest Channel / QPSK



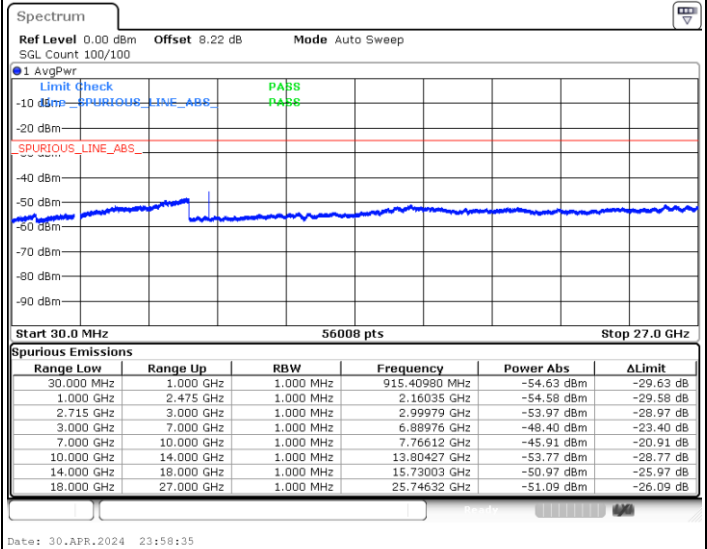
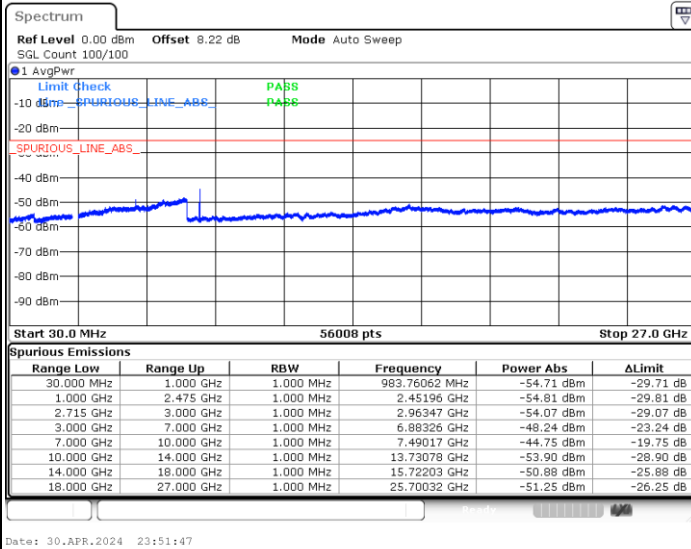
Date: 30.APR.2024 23:45:13



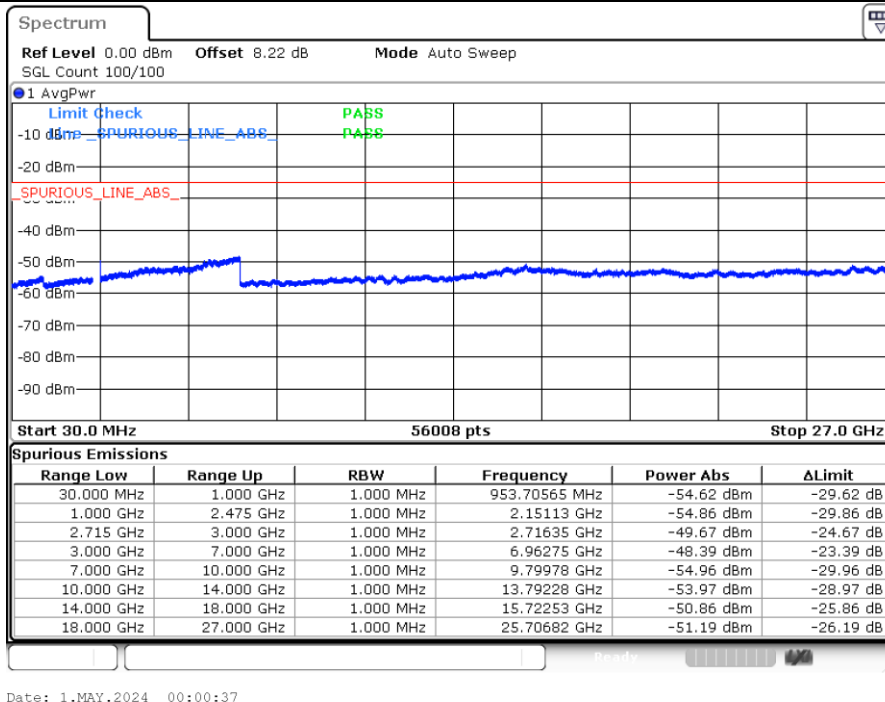
LTE Band 41 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

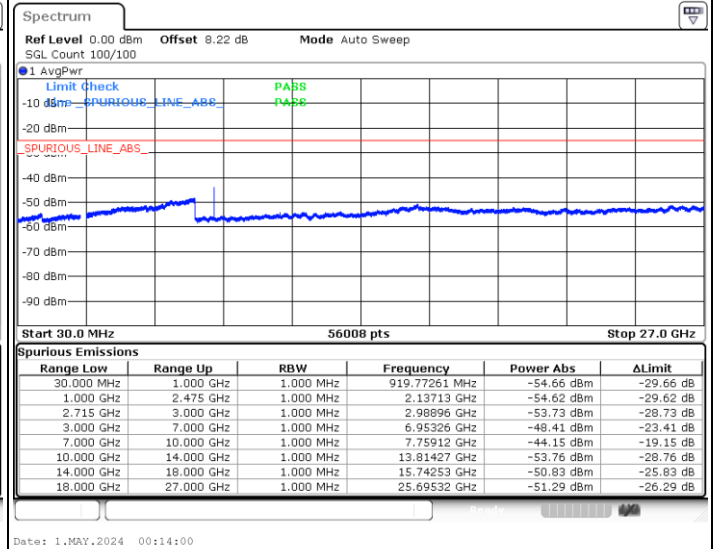
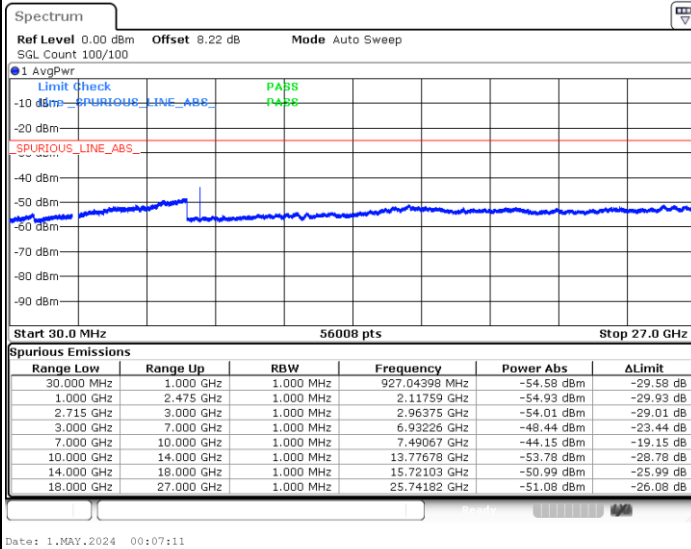




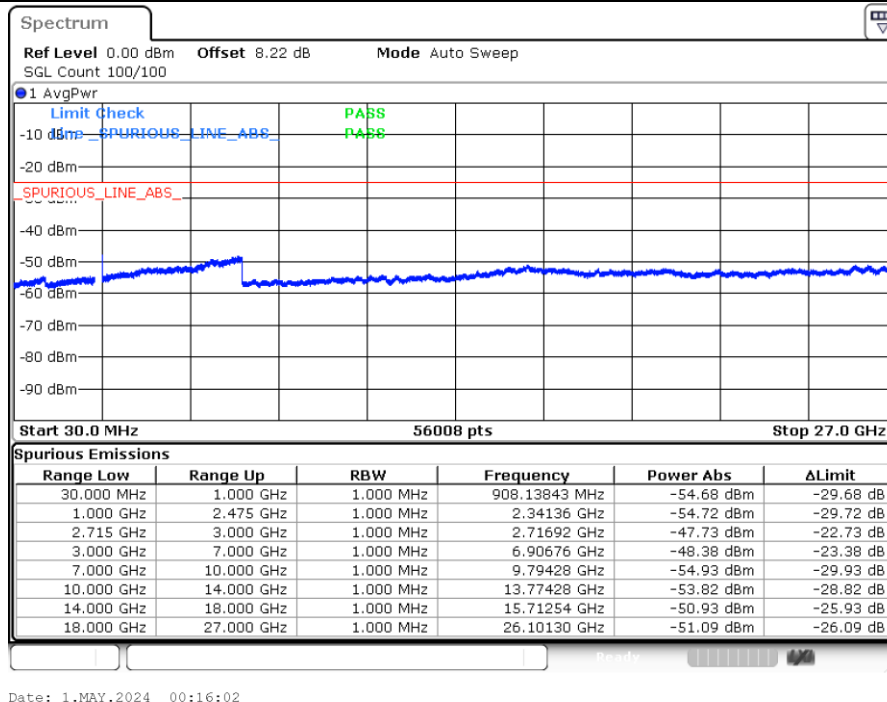
LTE Band 41 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

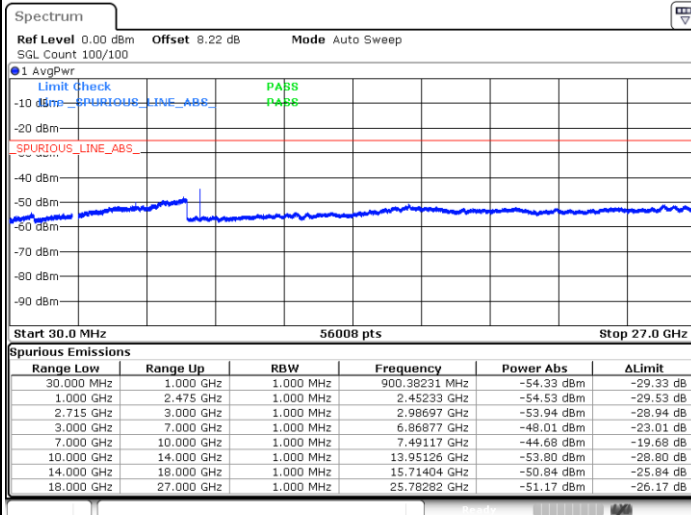




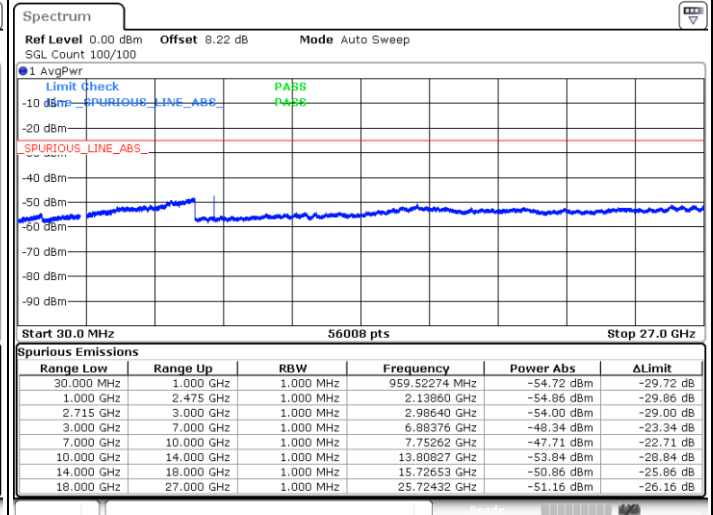
LTE Band 41 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

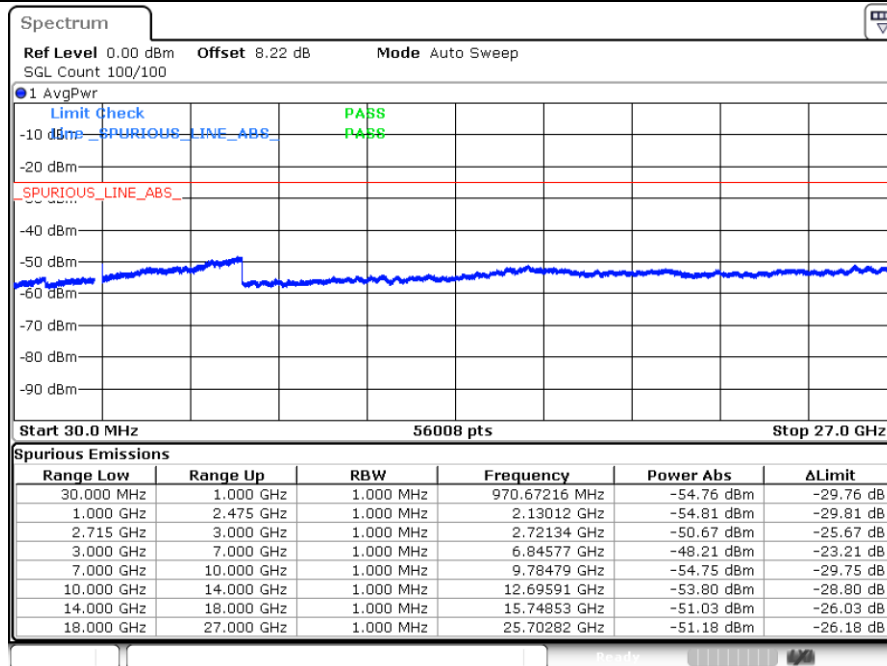


Date: 1.MAY.2024 00:22:37



Date: 1.MAY.2024 00:29:25

Highest Channel / QPSK



Date: 1.MAY.2024 00:31:27

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	0.0026	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0066	
-10	Normal Voltage	0.0051	
-20	Normal Voltage	0.0042	
-30	Normal Voltage	0.0038	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0022	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.5V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



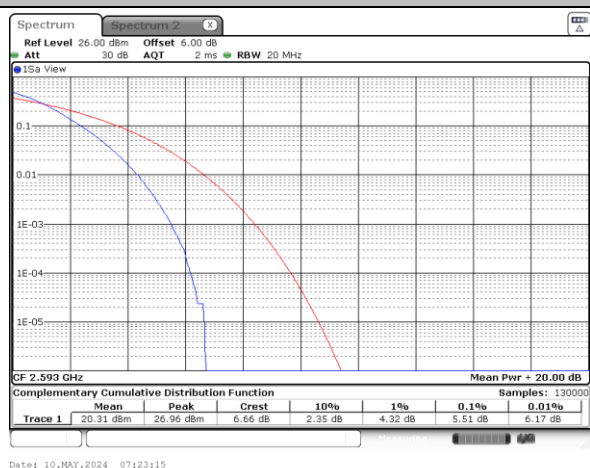
LTE Band 41_Other PA

Peak-to-Average Ratio

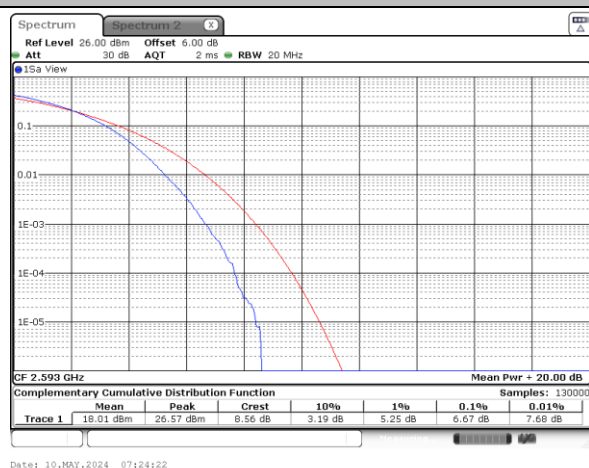
Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.51	6.46	6.67	7.80	PASS

LTE Band 41 / 20MHz

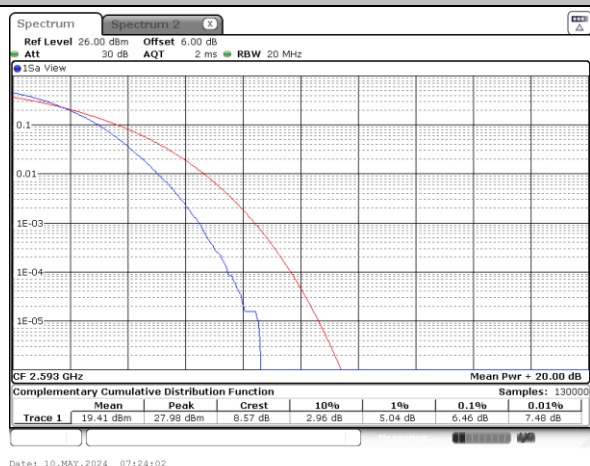
Middle Channel / Full RB / QPSK



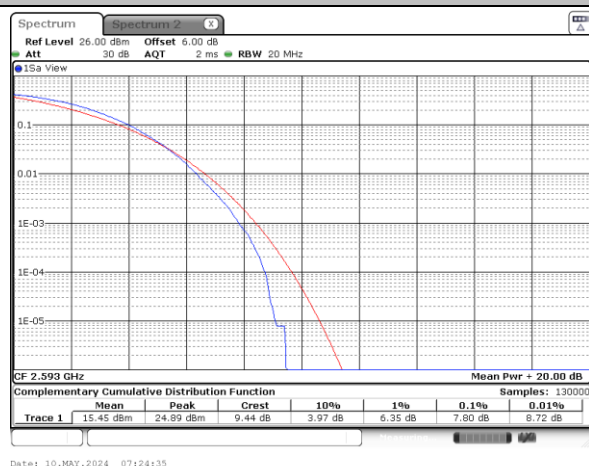
Middle Channel / Full RB / 64QAM



Middle Channel / Full RB / 16QAM

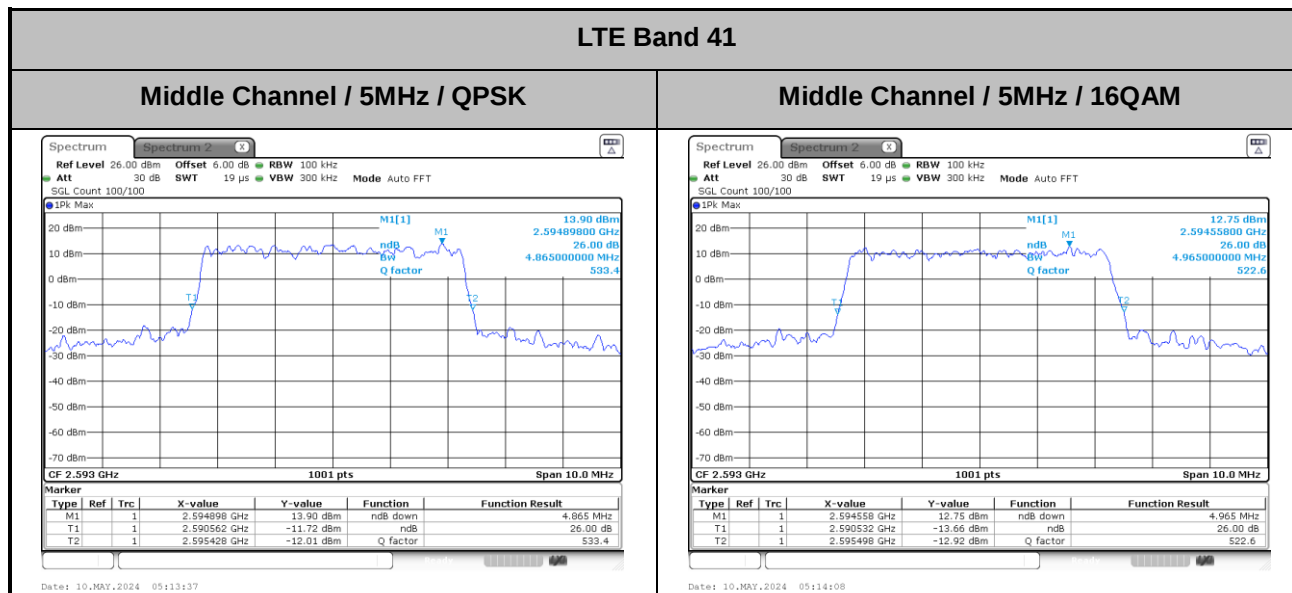


Middle Channel / Full RB / 256QAM



**26dB Bandwidth**

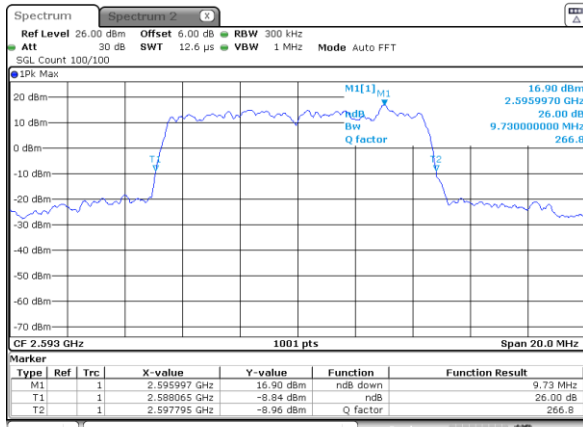
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.87	4.97
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.73	9.97
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.21	14.33
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.90	18.98





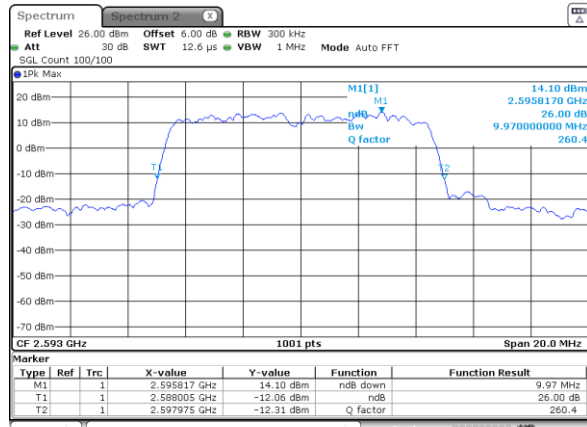
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 10.MAY.2024 06:36:40

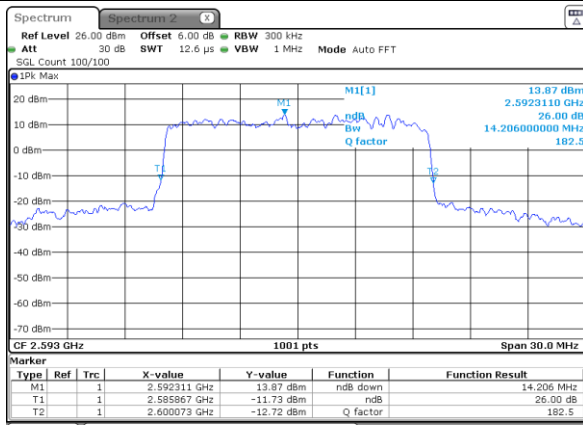
Middle Channel / 10MHz / 16QAM



Date: 10.MAY.2024 06:37:06

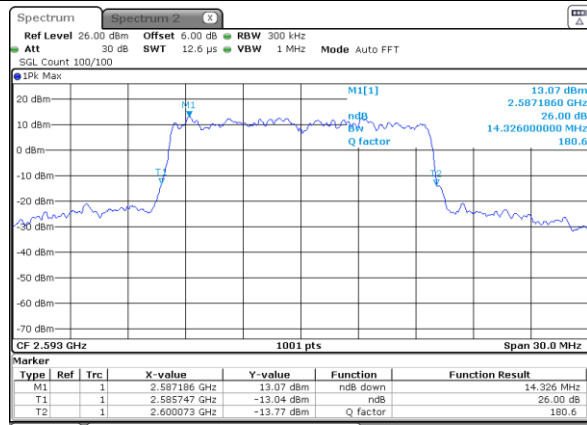
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 10.MAY.2024 06:57:03

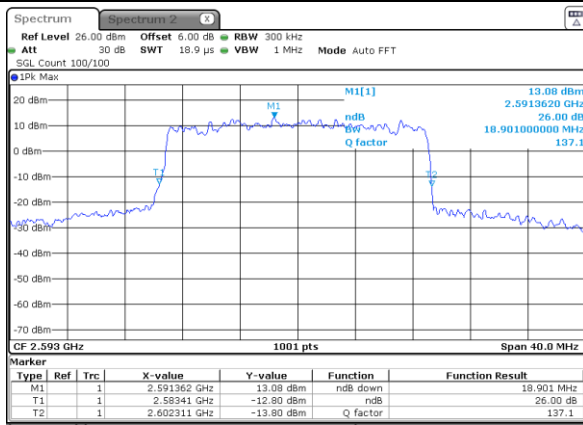
Middle Channel / 15MHz / 16QAM



Date: 10.MAY.2024 06:57:28

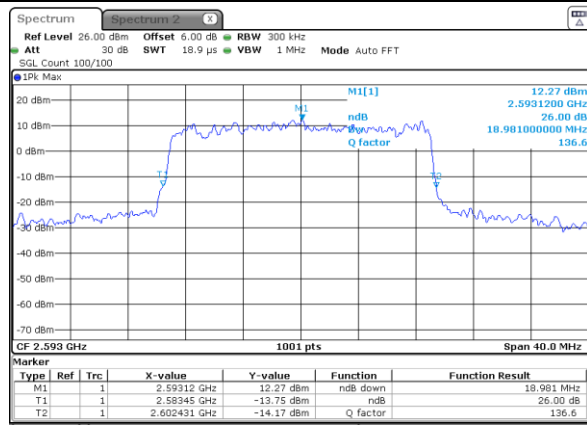
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 10.MAY.2024 07:22:49

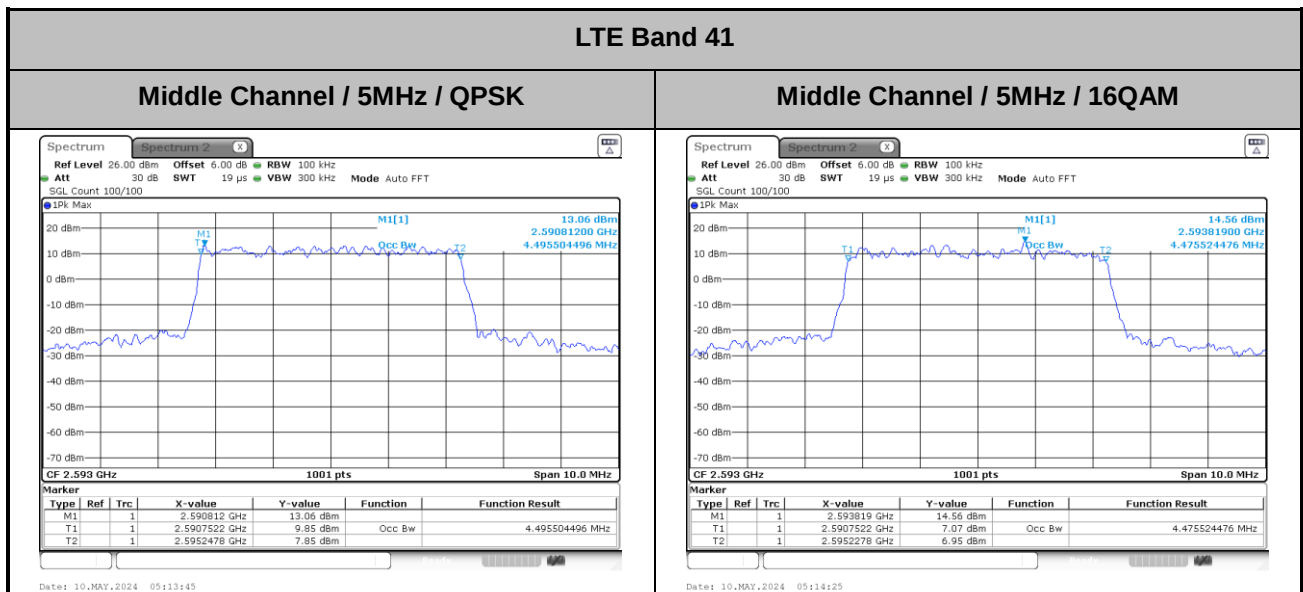
Middle Channel / 20MHz / 16QAM



Date: 10.MAY.2024 07:23:31

**Occupied Bandwidth**

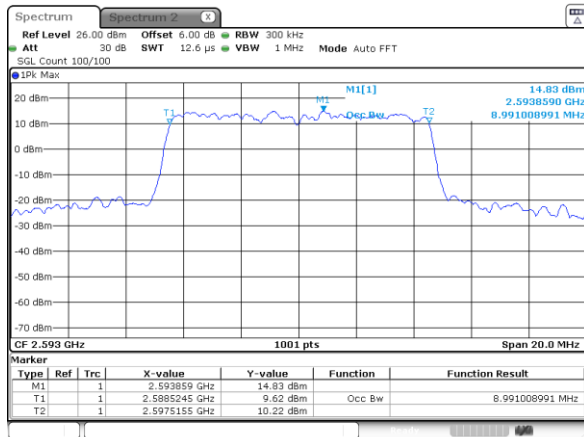
Mode	LTE Band 41 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.50	4.48
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	8.99	8.97
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.40	13.37
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.82	17.82





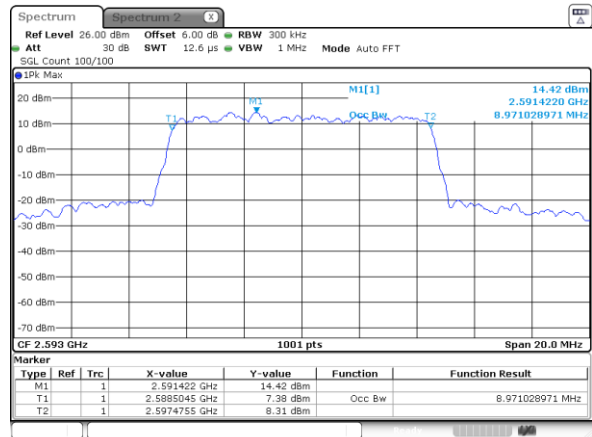
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 10.MAY.2024 06:36:49

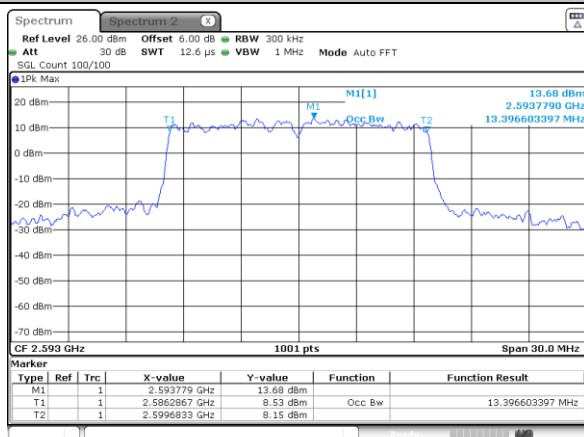
Middle Channel / 10MHz / 16QAM



Date: 10.MAY.2024 06:37:15

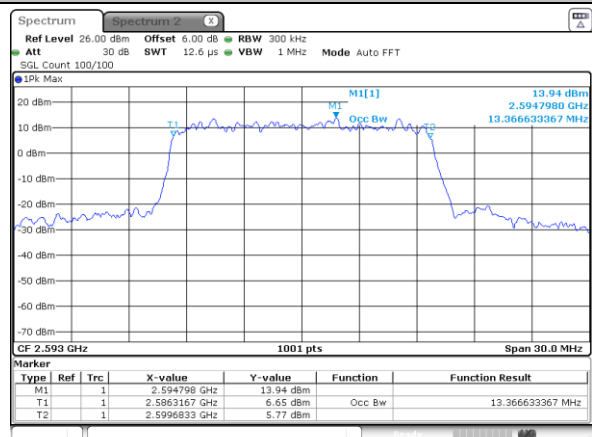
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 10.MAY.2024 06:57:11

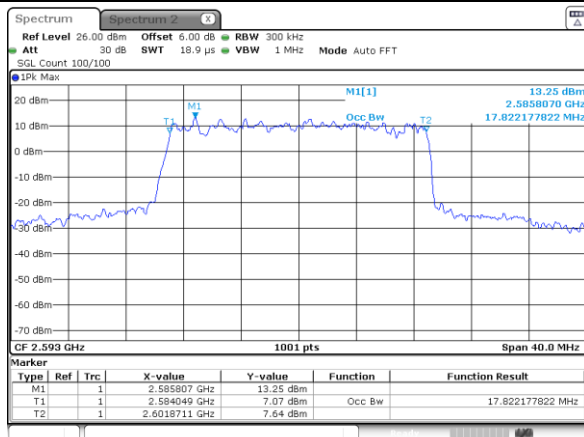
Middle Channel / 15MHz / 16QAM



Date: 10.MAY.2024 06:57:38

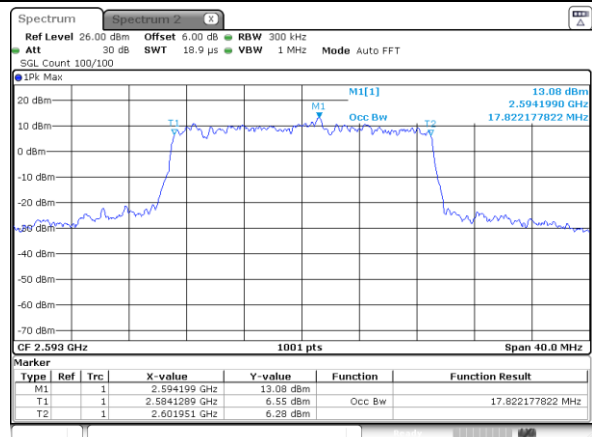
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 10.MAY.2024 07:22:57

Middle Channel / 20MHz / 16QAM



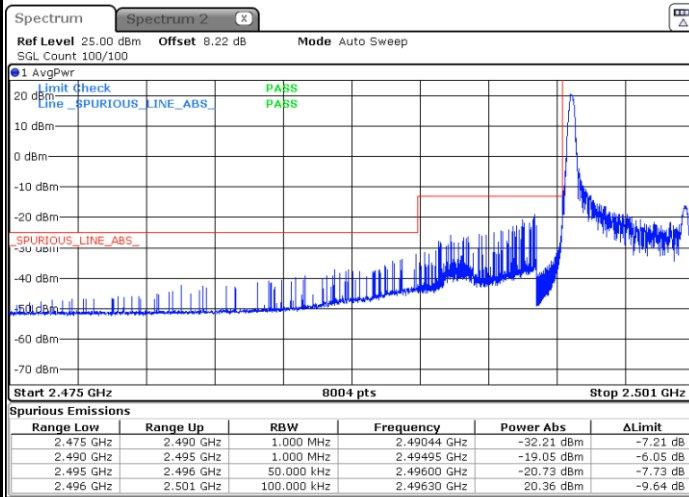
Date: 10.MAY.2024 07:23:43



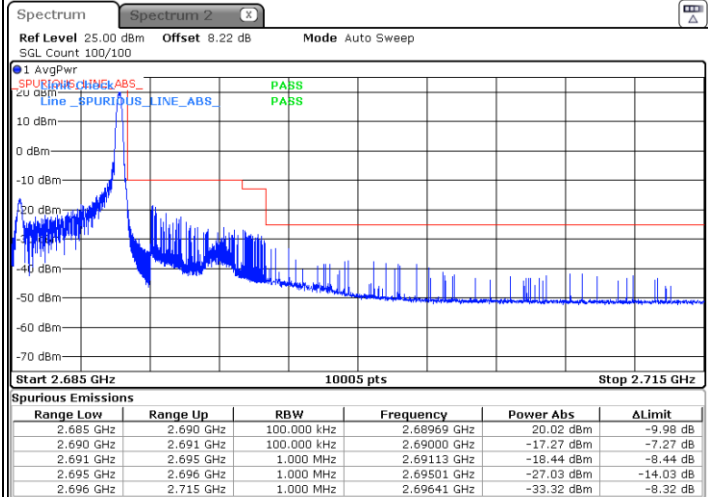
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

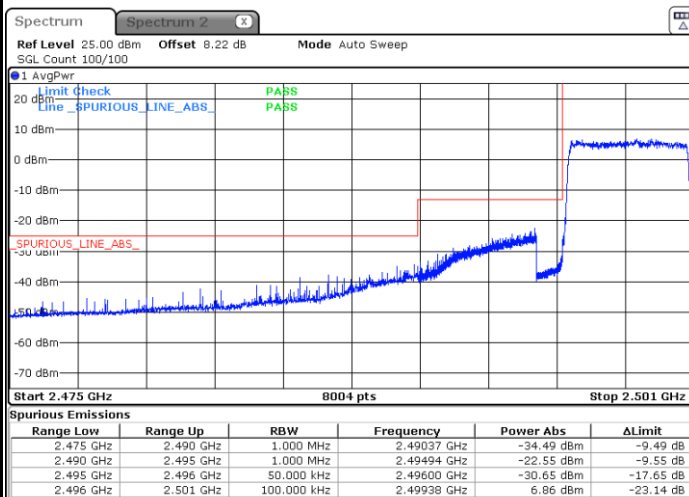
Lowest Band Edge / 1 RB



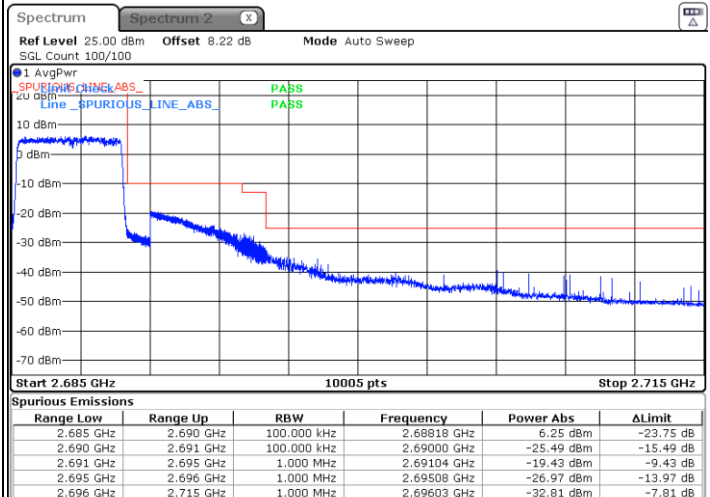
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



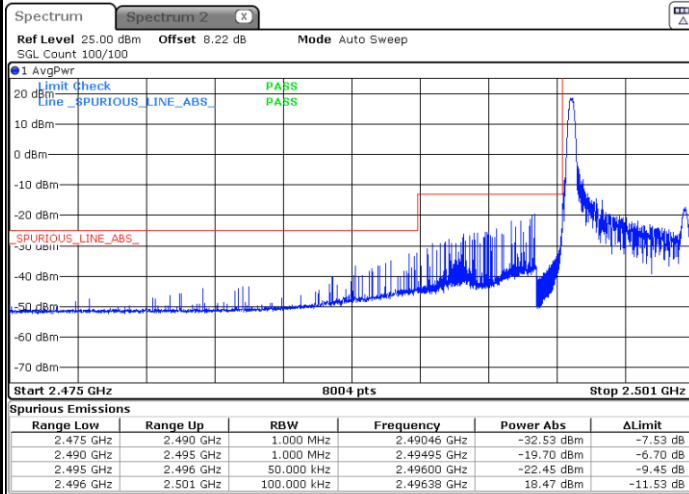
Highest Band Edge / Full RB



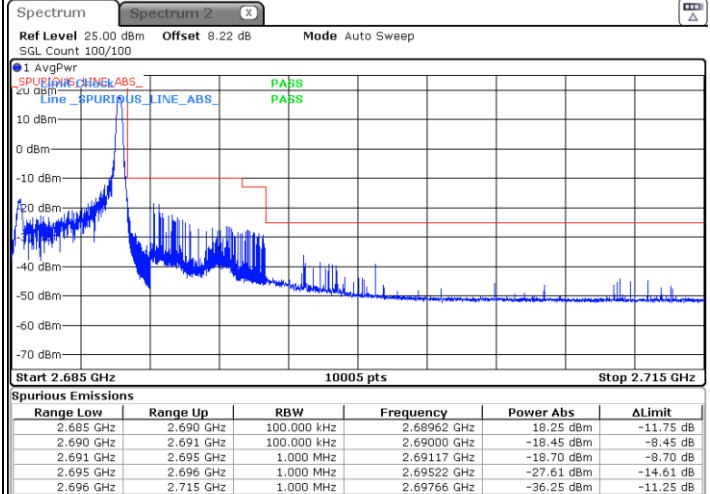


LTE Band 41 / 5MHz / 16QAM

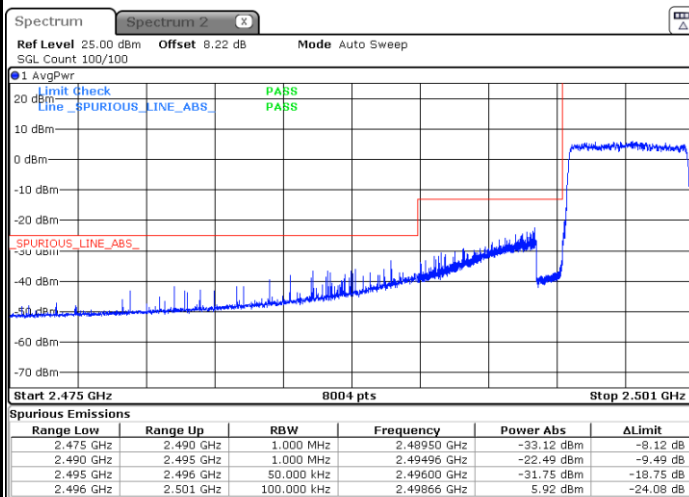
Lowest Band Edge / 1RB



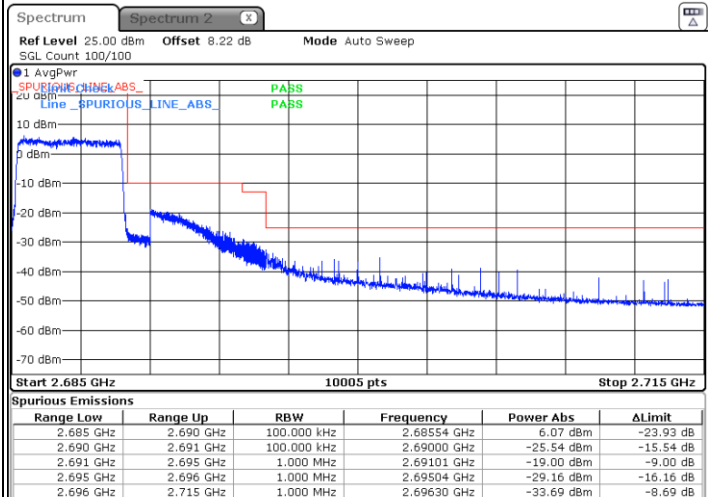
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



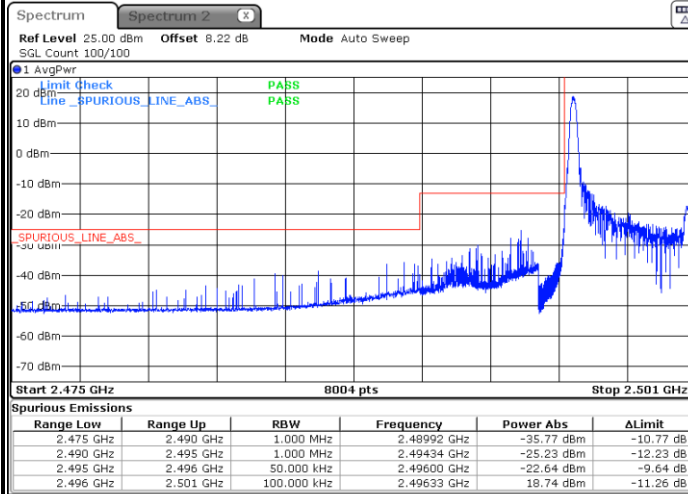
Highest Band Edge / Full RB



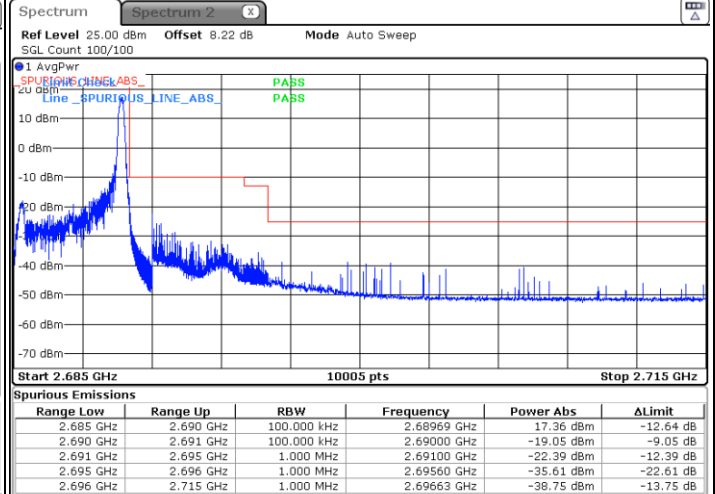


LTE Band 41 / 5MHz / 64QAM

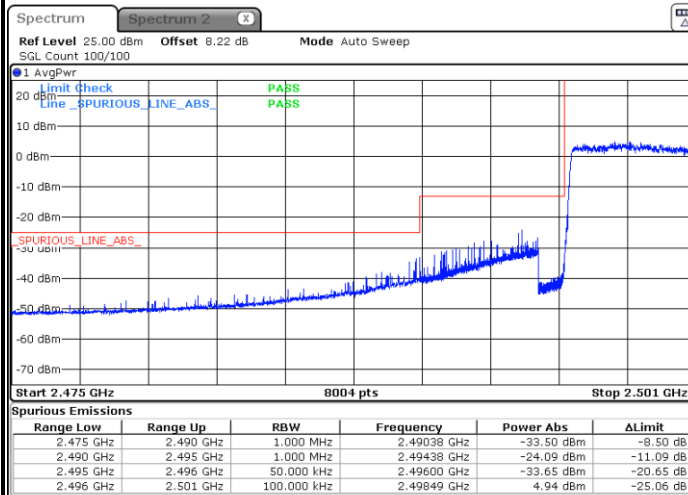
Lowest Band Edge / 1RB



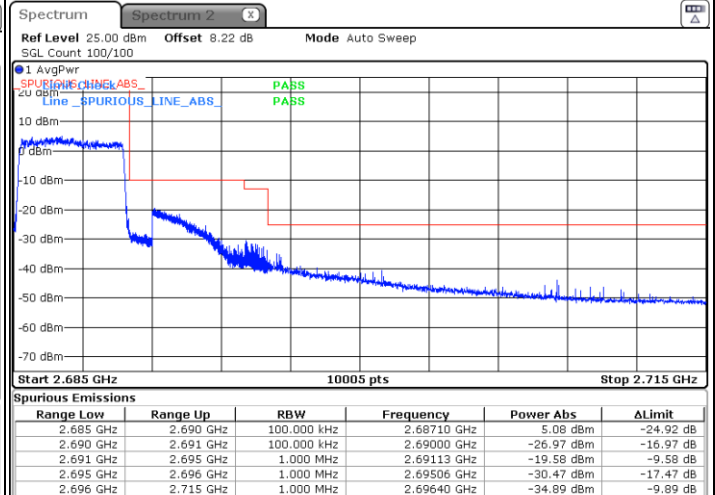
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



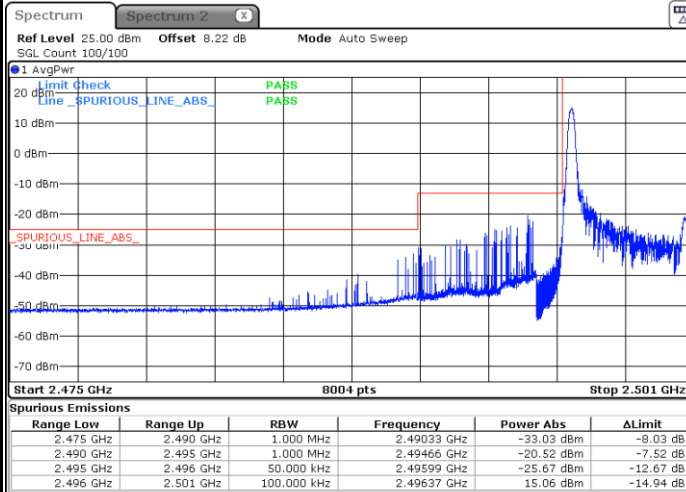
Highest Band Edge / Full RB



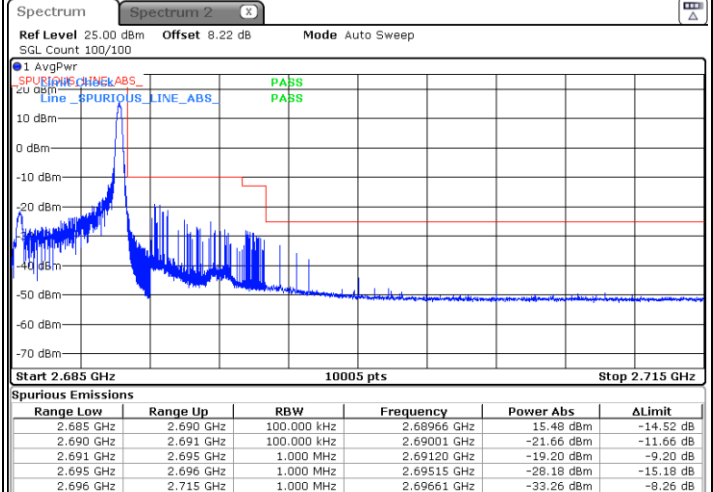


LTE Band 41 / 5MHz / 256QAM

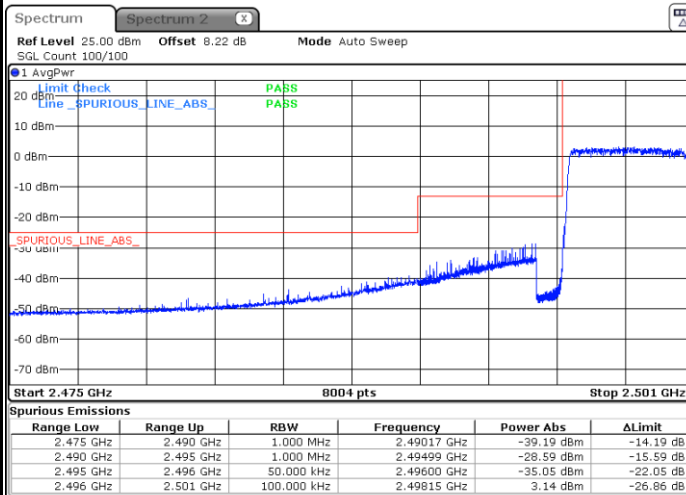
Lowest Band Edge / 1RB



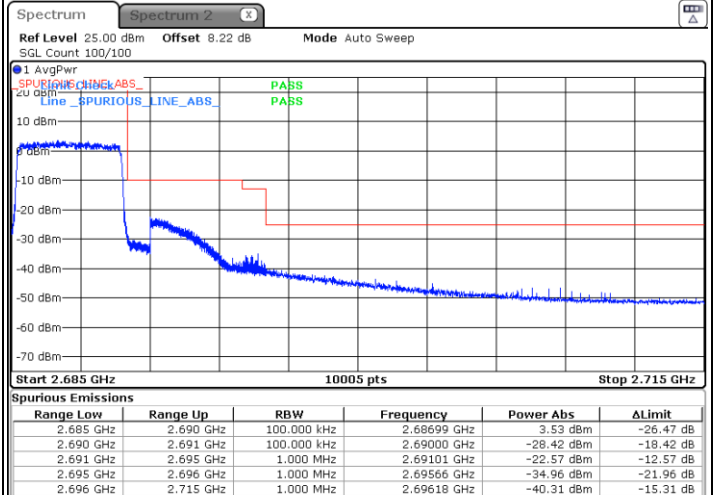
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



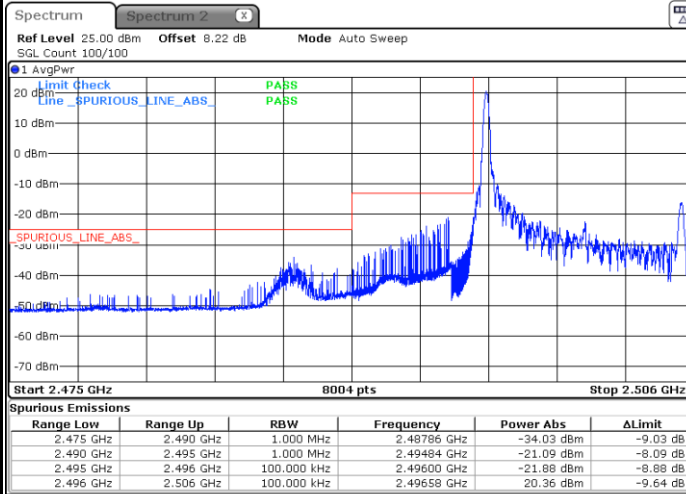
Highest Band Edge / Full RB



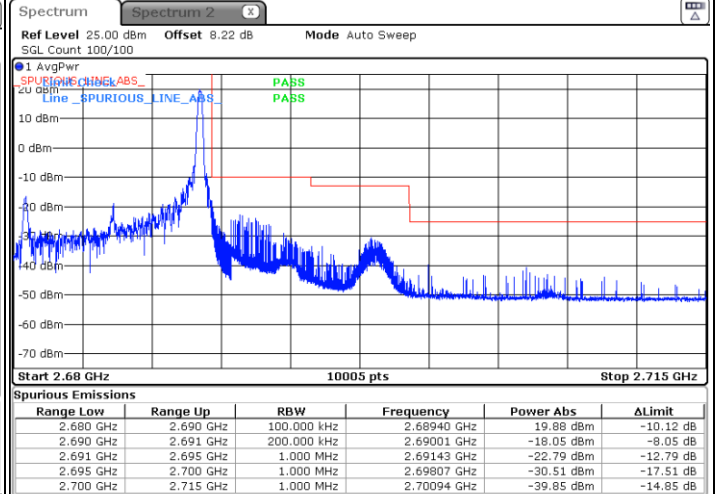


LTE Band 41 / 10MHz / QPSK

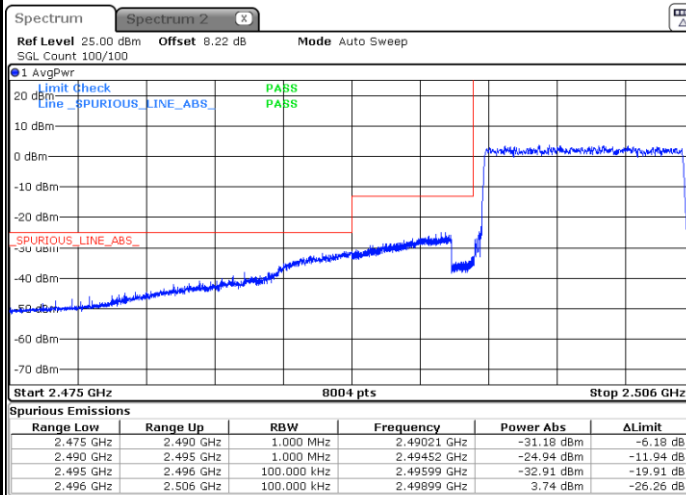
Lowest Band Edge / 1 RB



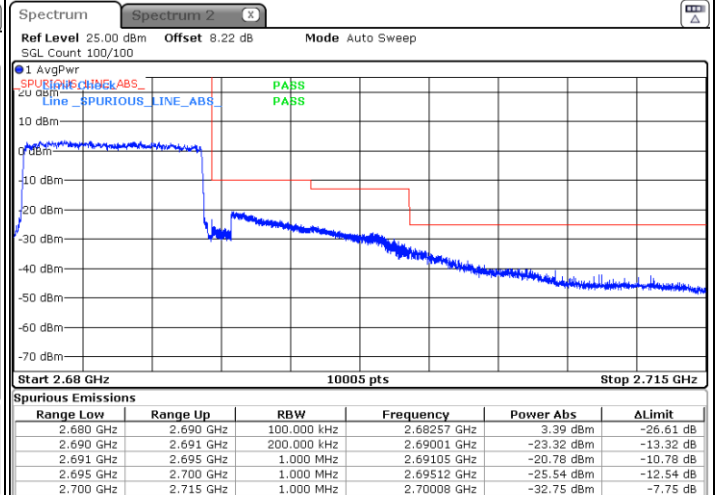
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



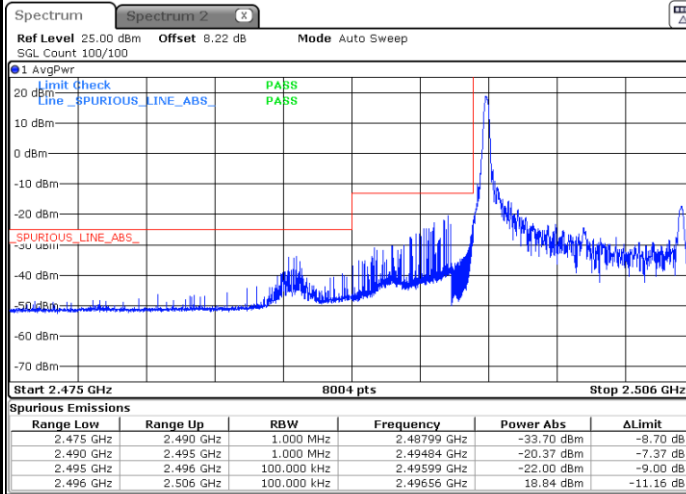
Highest Band Edge / Full RB



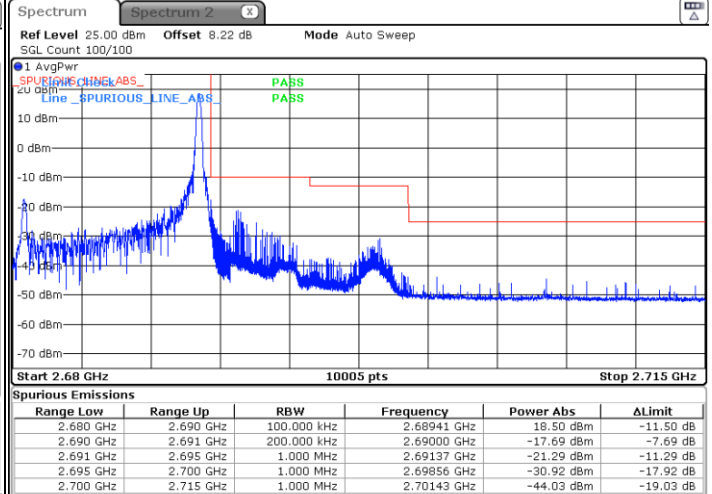


LTE Band 41 / 10MHz / 16QAM

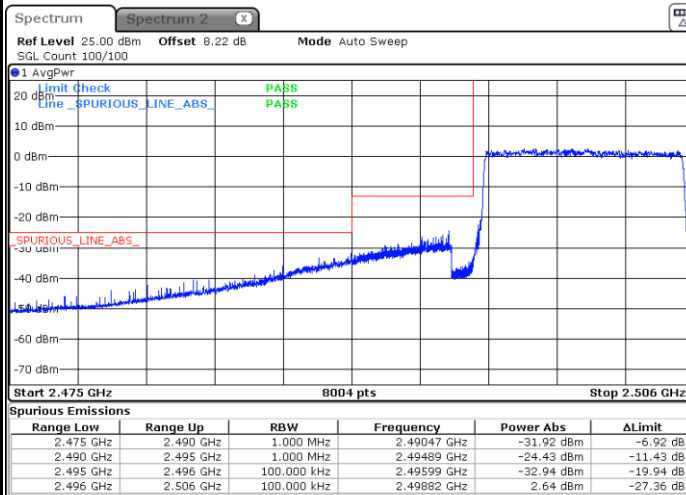
Lowest Band Edge / 1 RB



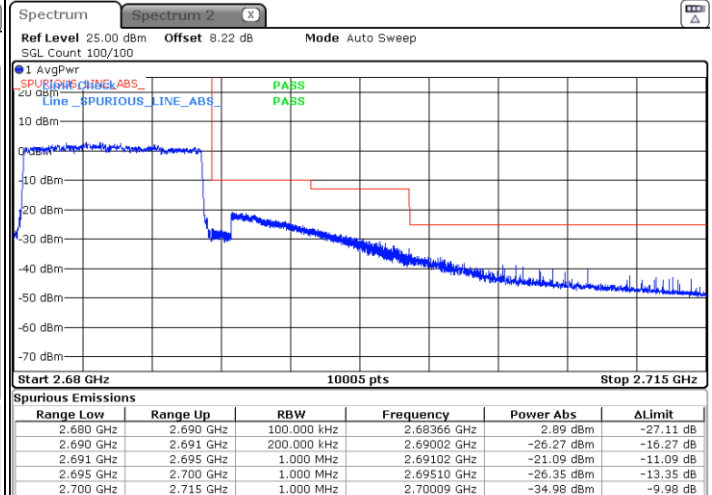
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



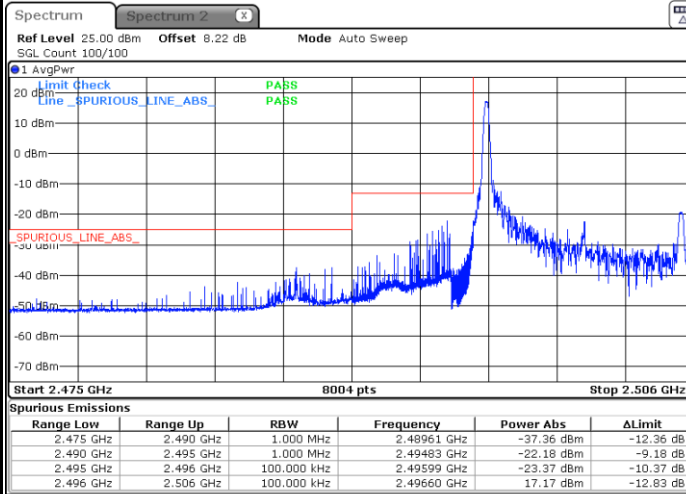
Highest Band Edge / Full RB



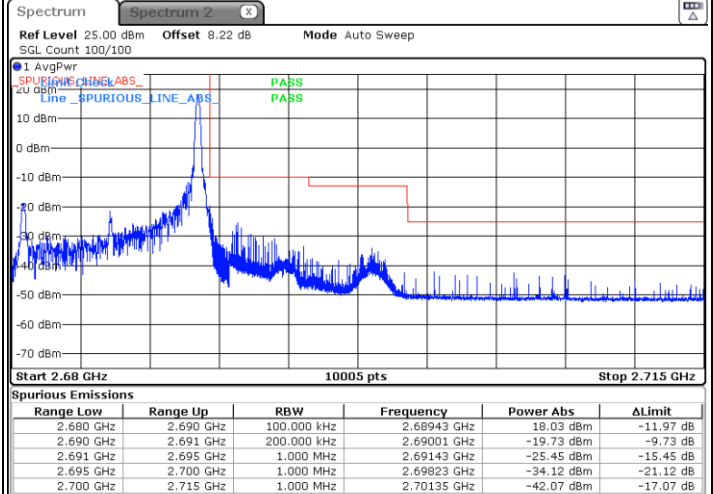


LTE Band 41 / 10MHz / 64QAM

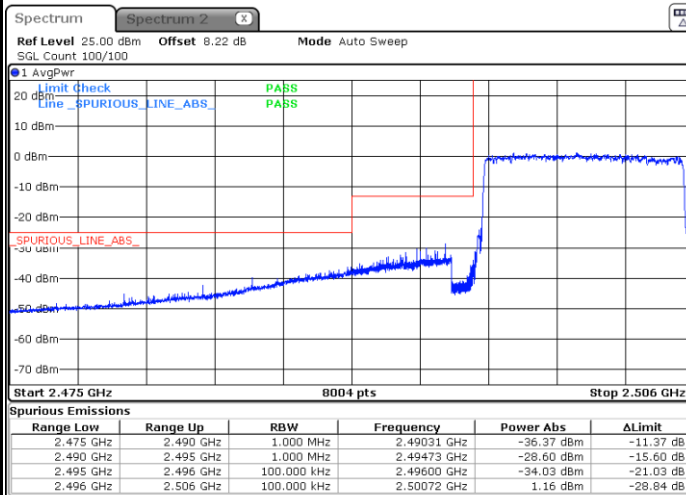
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

