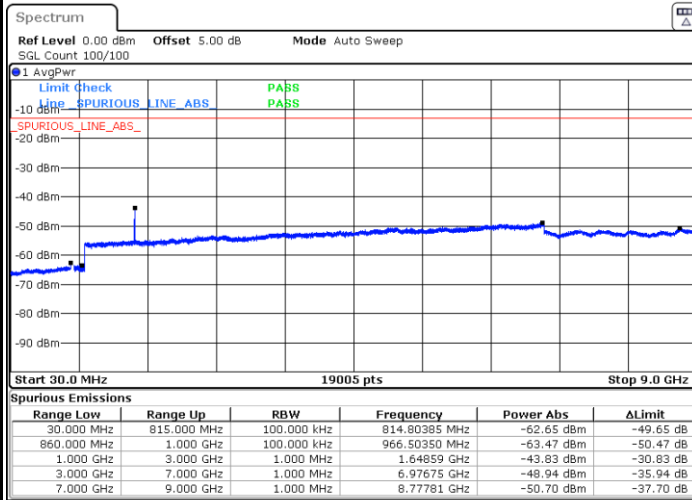




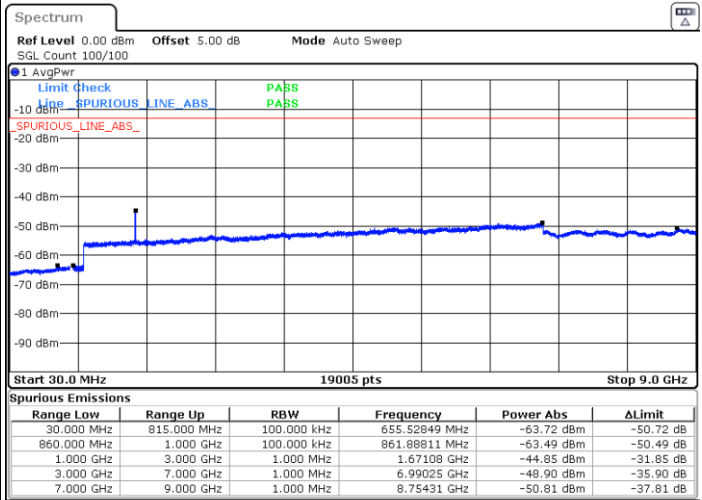
LTE Band 26 / 3MHz

Lowest Channel / QPSK



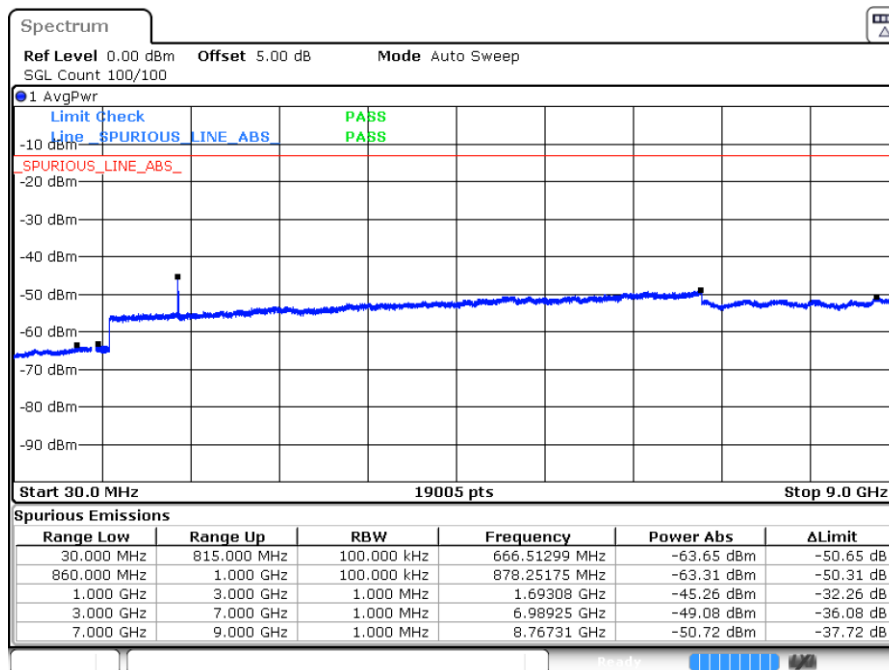
Date: 2 JUL 2022 07:20:17

Middle Channel / QPSK



Date: 2 JUL 2022 07:28:18

Highest Channel / QPSK

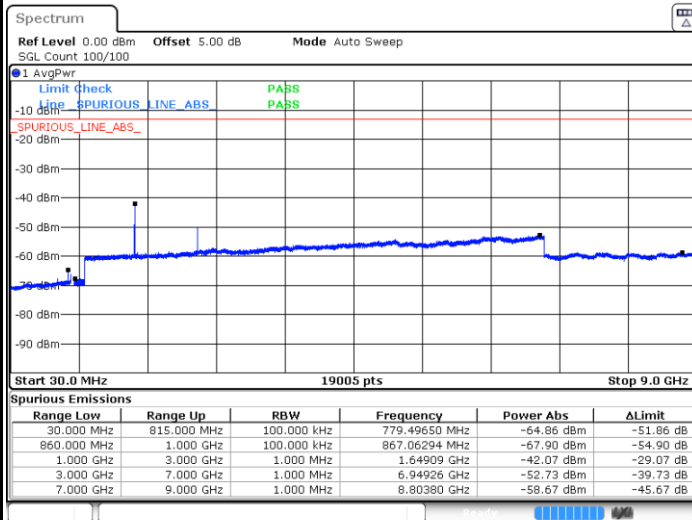


Date: 2 JUL 2022 07:29:38

LTE Band 26 / 5MHz

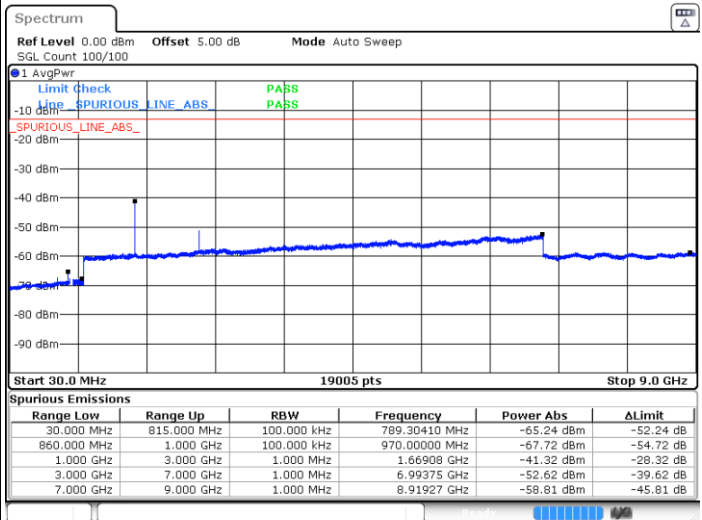


Lowest Channel / QPSK



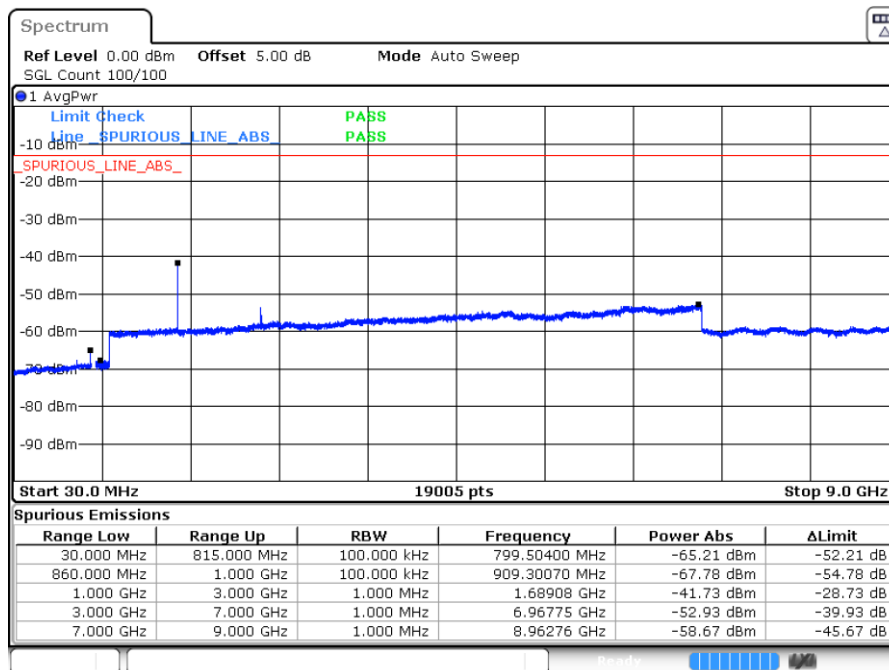
Date: 2 JUL 2022 07:37:39

Middle Channel / QPSK



Date: 2 JUL 2022 07:45:40

Highest Channel / QPSK

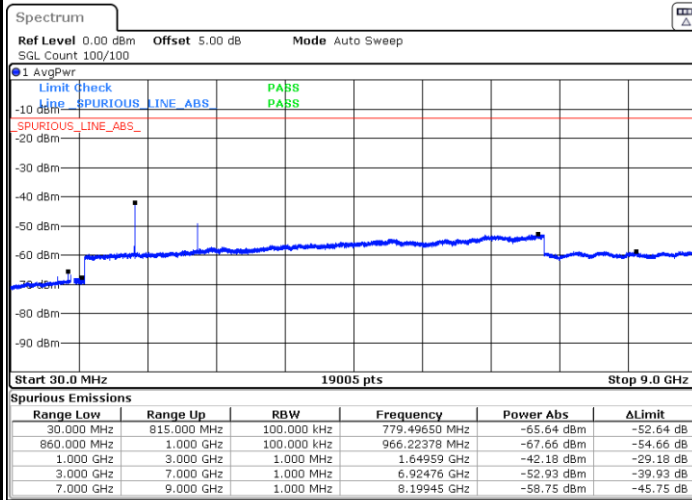


Date: 2 JUL 2022 07:47:00



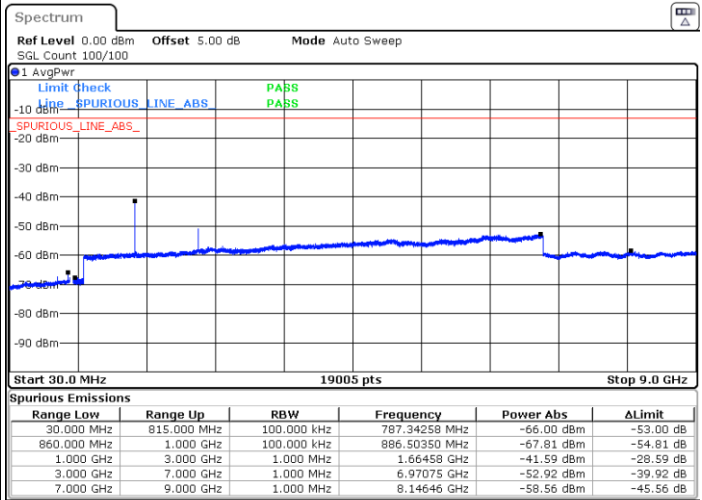
LTE Band 26 / 10MHz

Lowest Channel / QPSK



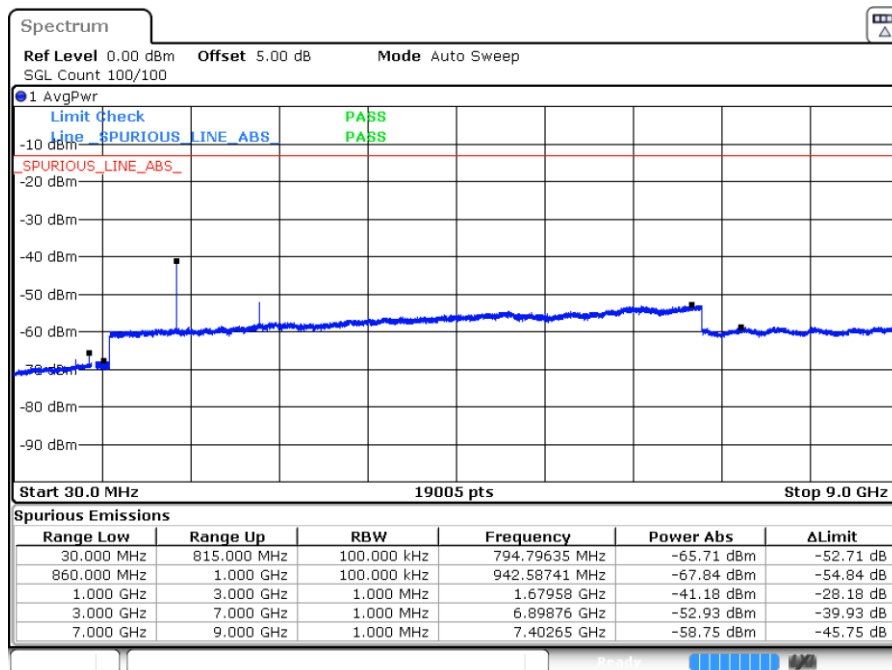
Date: 2 JUL 2022 07:55:02

Middle Channel / QPSK



Date: 2 JUL 2022 08:03:02

Highest Channel / QPSK

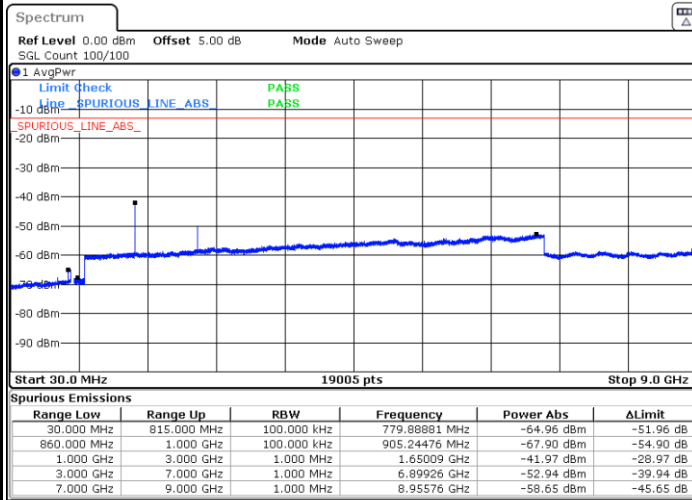


Date: 2 JUL 2022 08:04:23



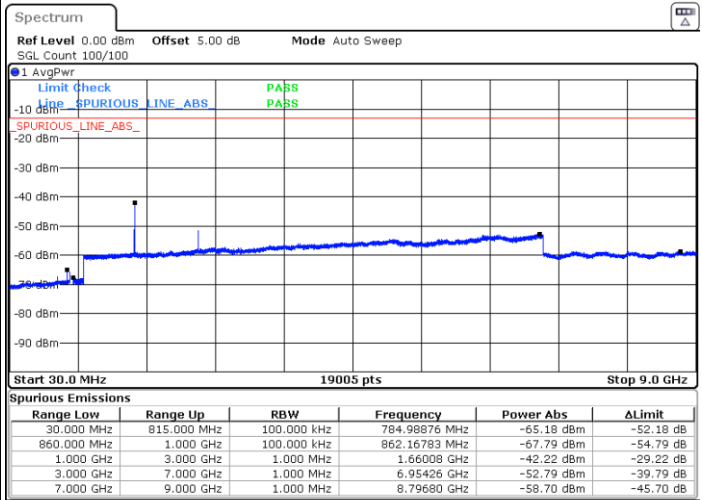
LTE Band 26 / 15MHz

Lowest Channel / QPSK



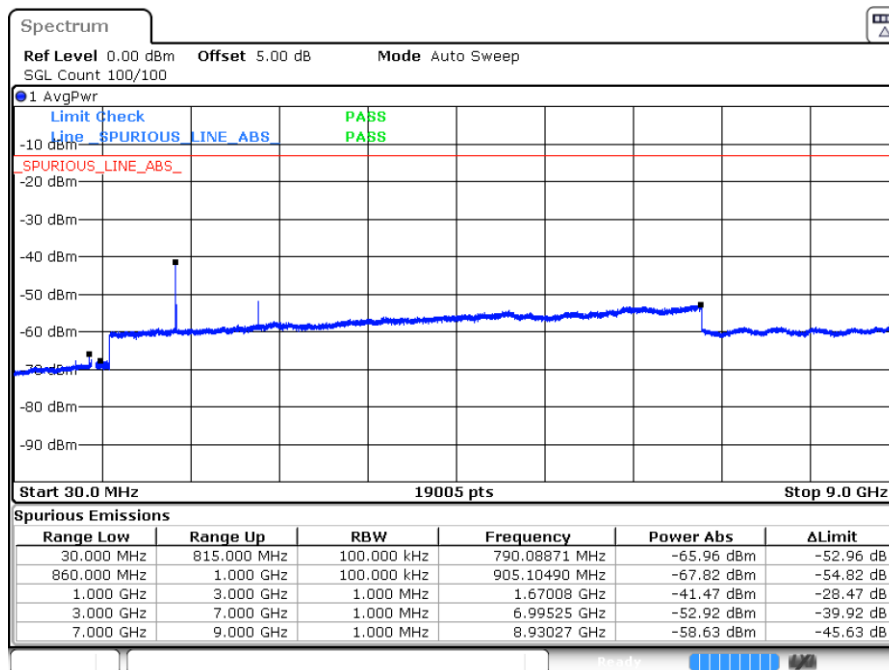
Date: 2 JUL 2022 08:12:24

Middle Channel / QPSK



Date: 2 JUL 2022 08:23:46

Highest Channel / QPSK

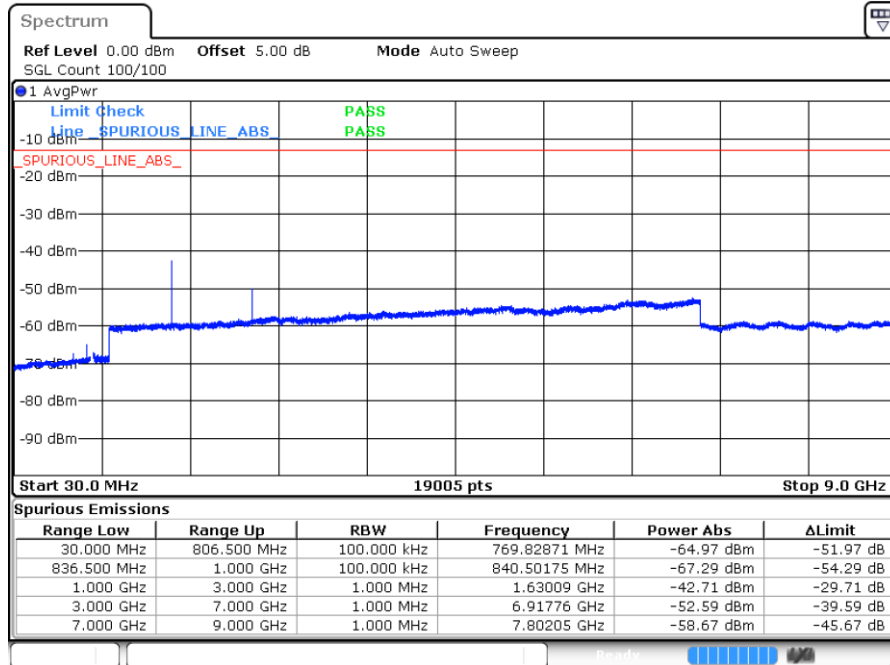


Date: 2 JUL 2022 08:25:06



LTE Band 26 / 15MHz

Channel 26765 / QPSK



Date: 3.JUL.2022 01:38:02

**Frequency Stability**

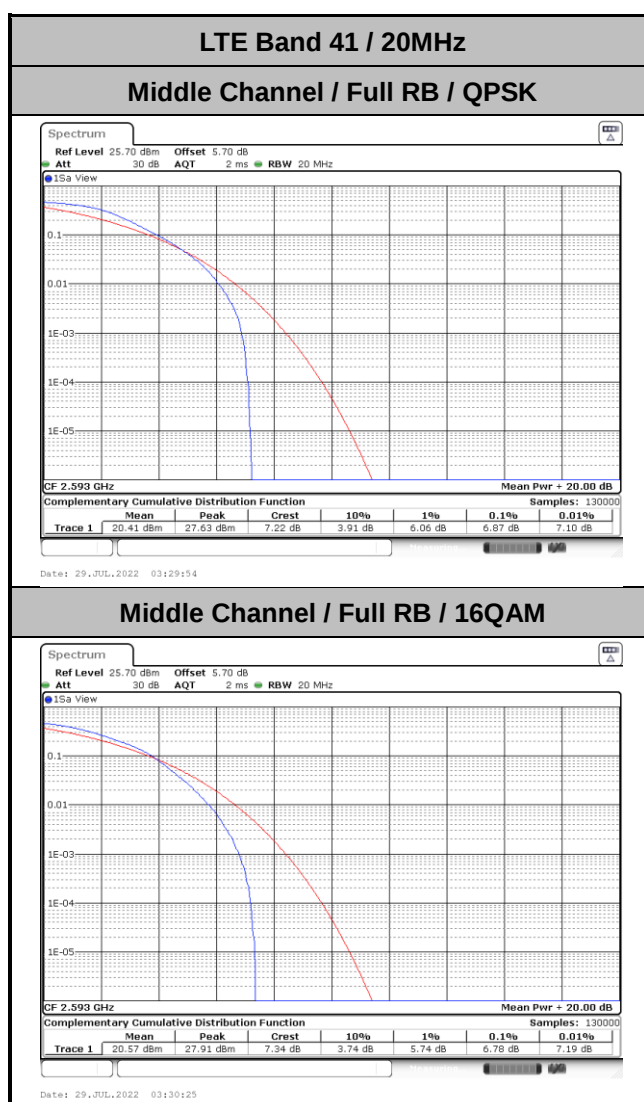
Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0031	PASS
40	Normal Voltage	0.0026	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0026	
-30	Normal Voltage	0.0034	
20	Maximum Voltage	0.0032	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0028	

Note: Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 V.

LTE Band 41

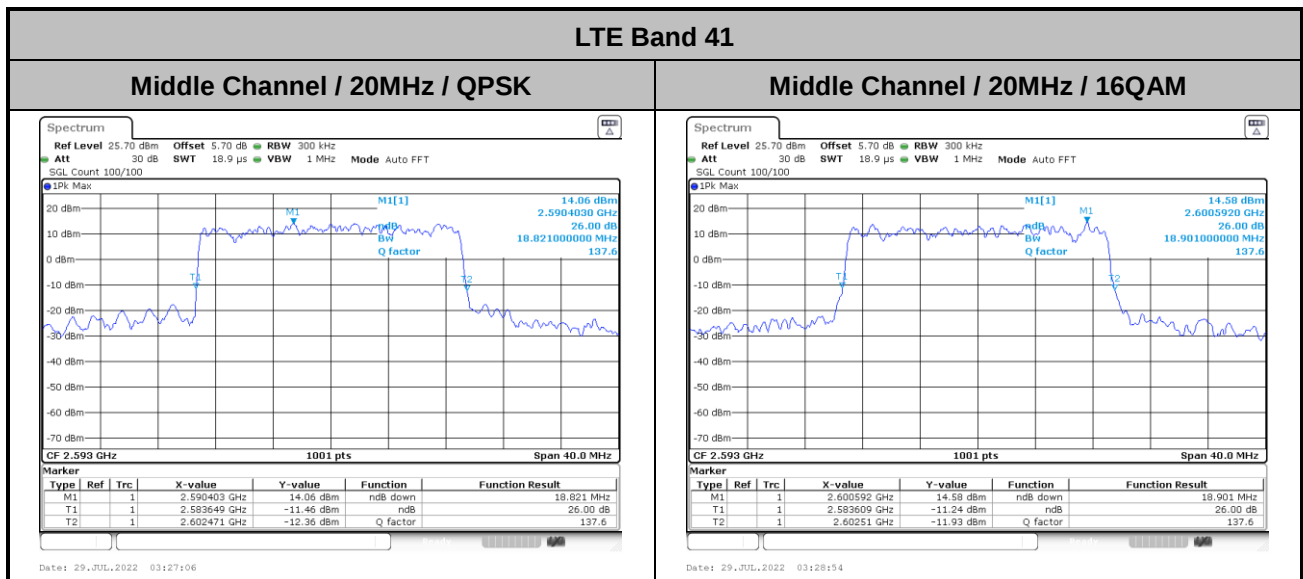
Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	6.87	6.78	PASS



**26dB Bandwidth**

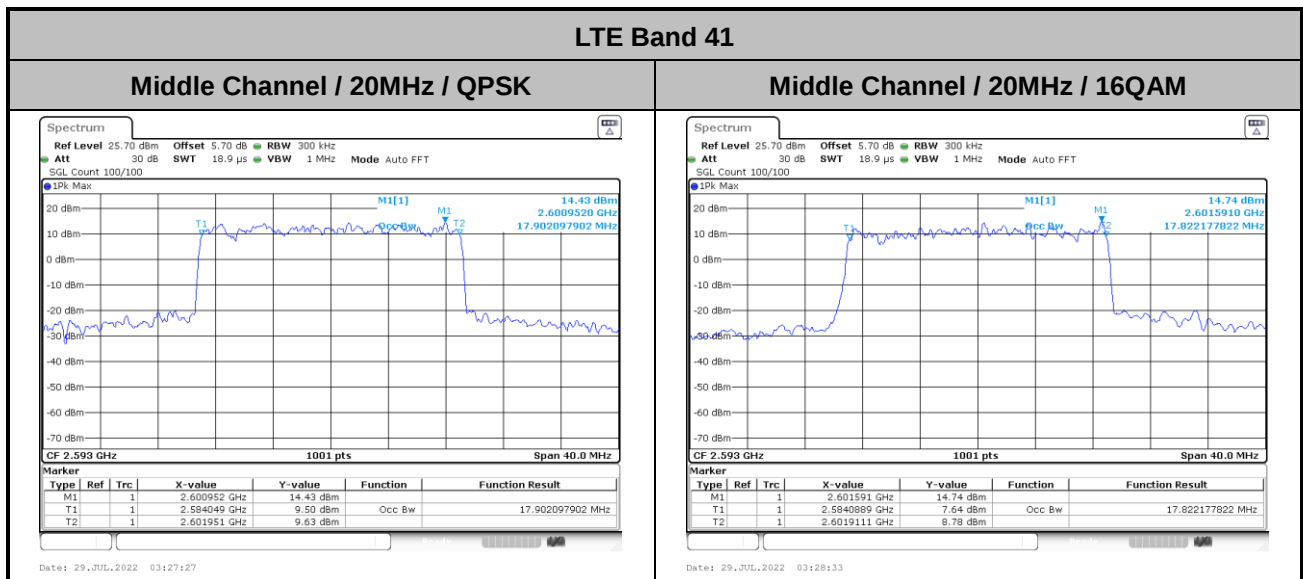
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.82	18.90

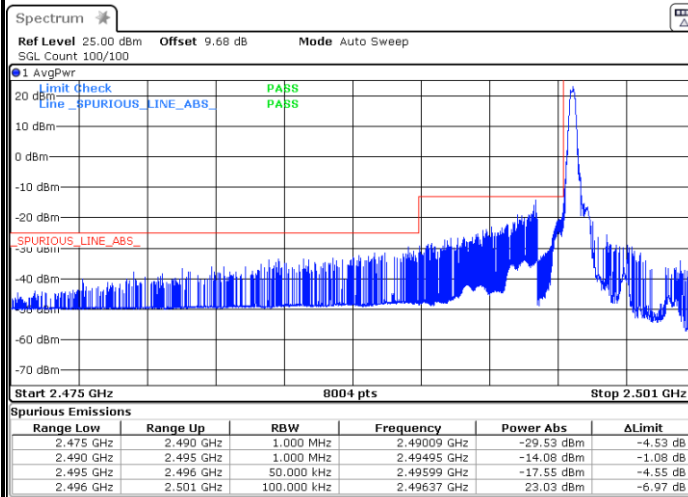
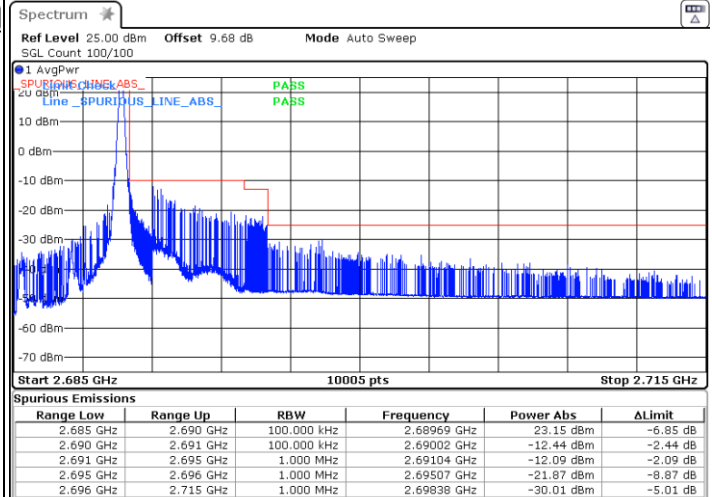
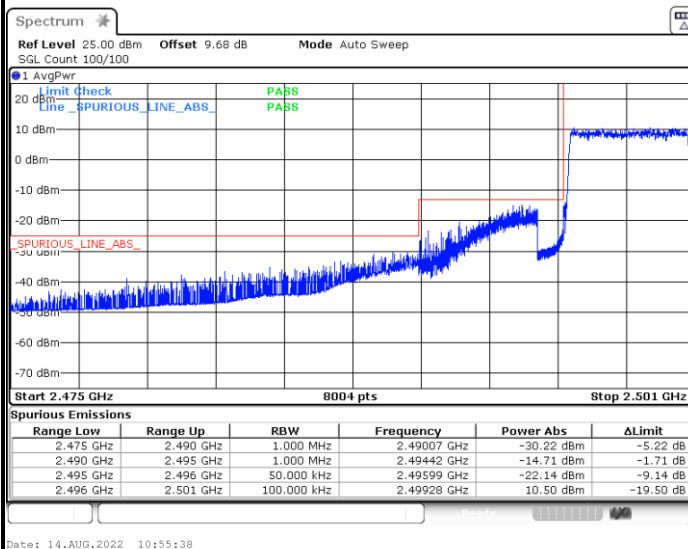
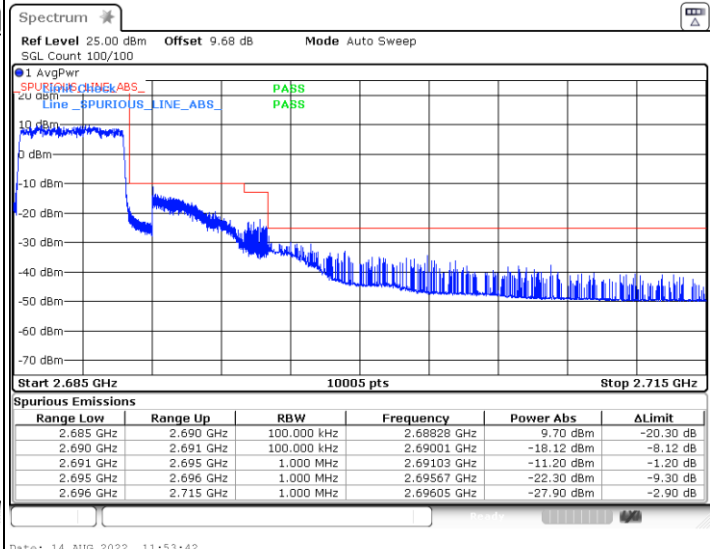




Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.82

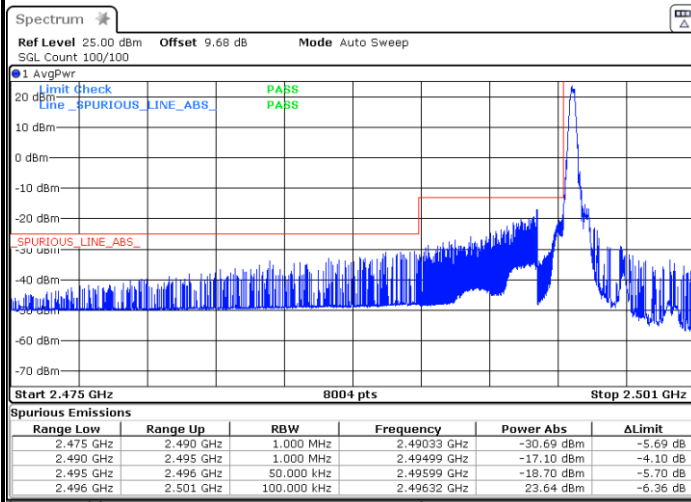


**Conducted Band Edge****LTE Band 41 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

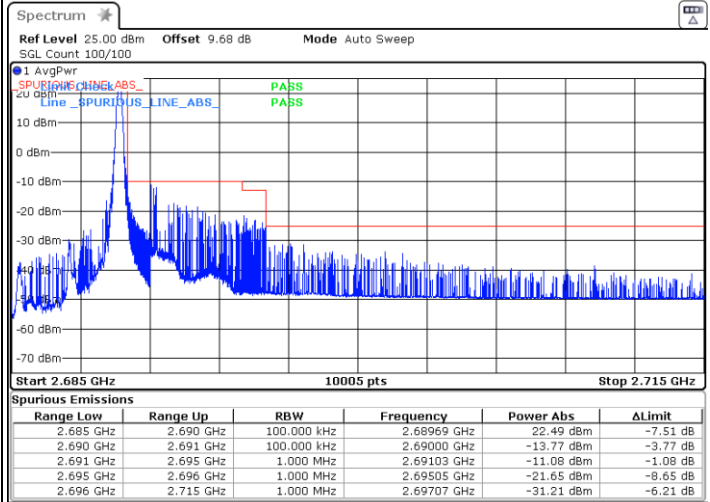


LTE Band 41 / 5MHz / 16QAM

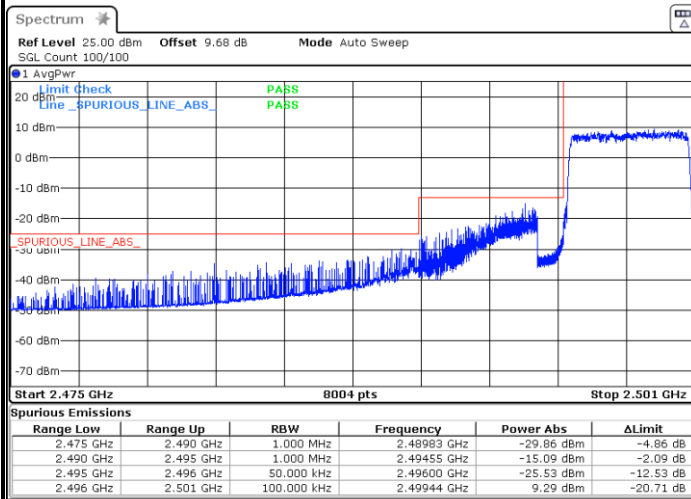
Lowest Band Edge / 1RB



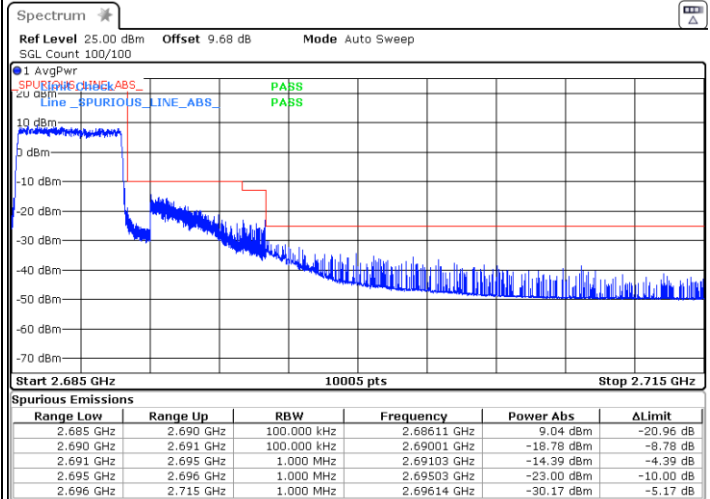
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



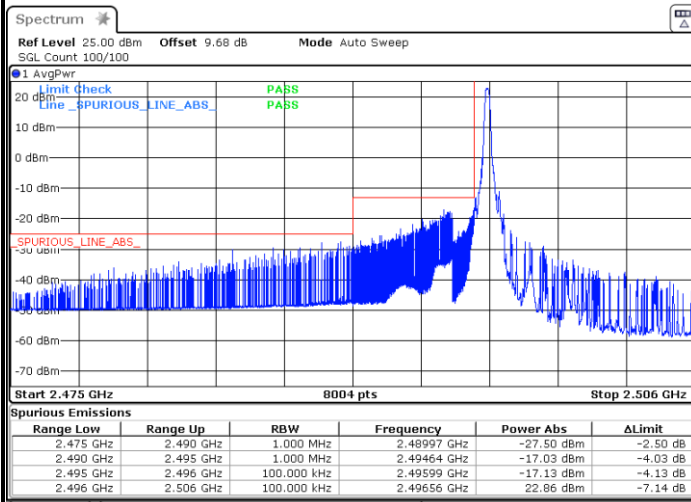
Highest Band Edge / Full RB



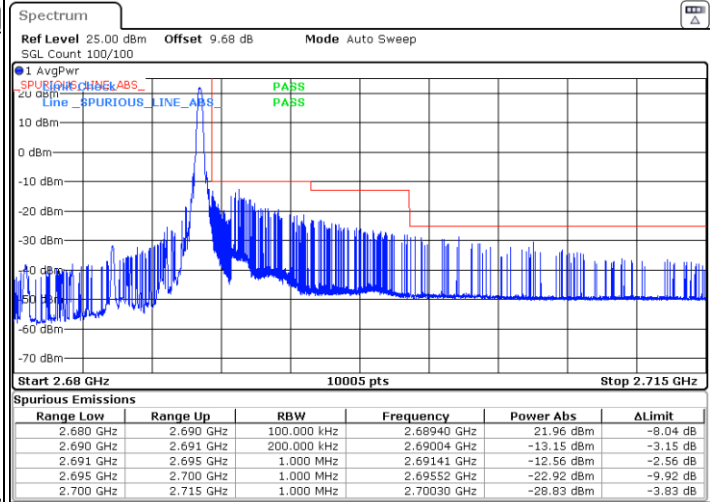


LTE Band 41 / 10MHz / QPSK

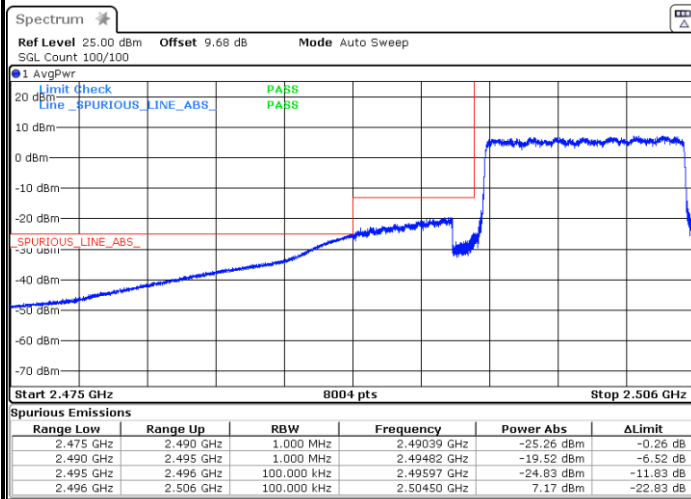
Lowest Band Edge / 1 RB



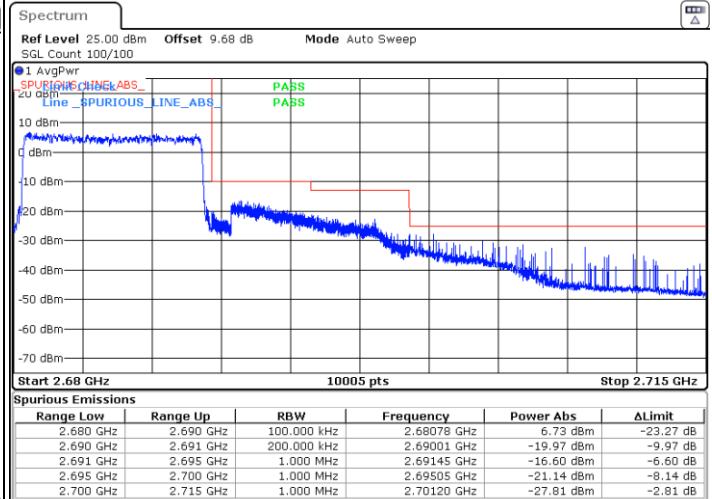
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



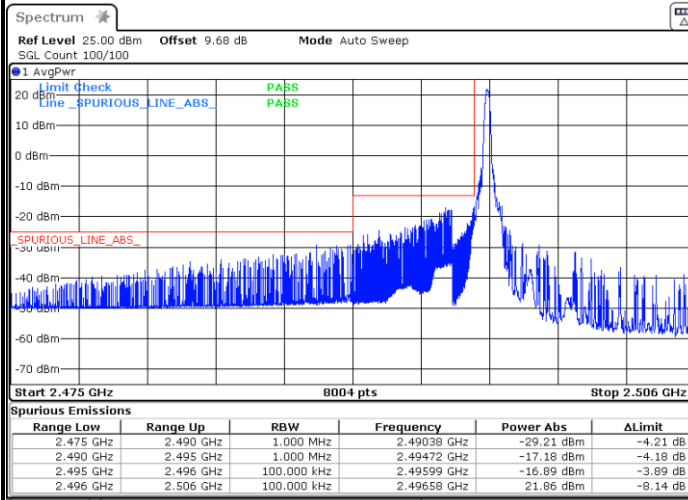
Highest Band Edge / Full RB



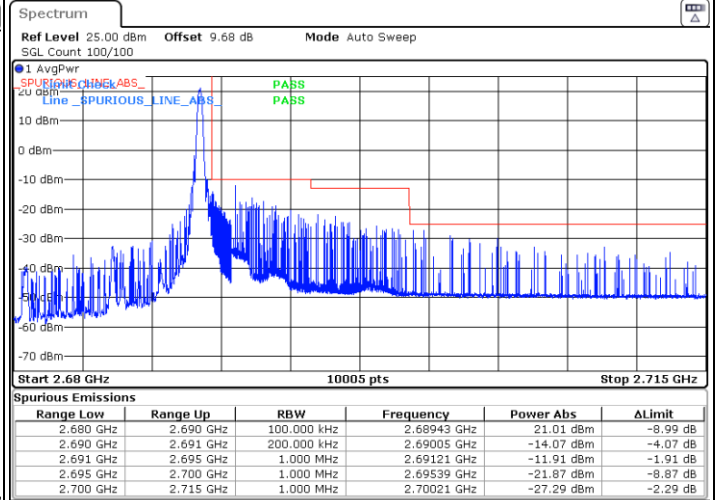


LTE Band 41 / 10MHz / 16QAM

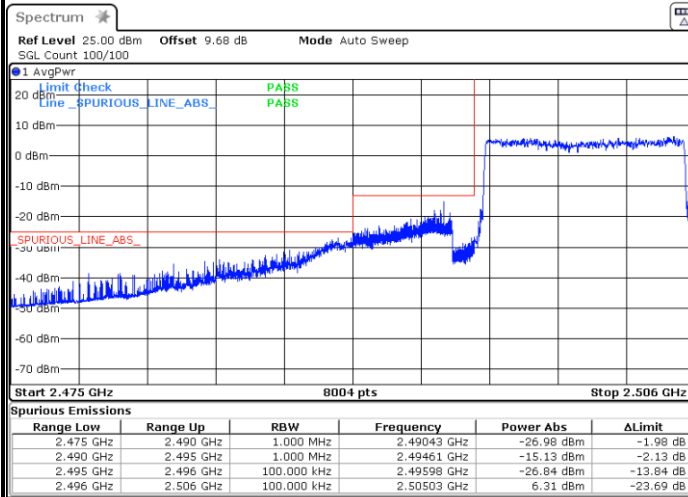
Lowest Band Edge / 1 RB



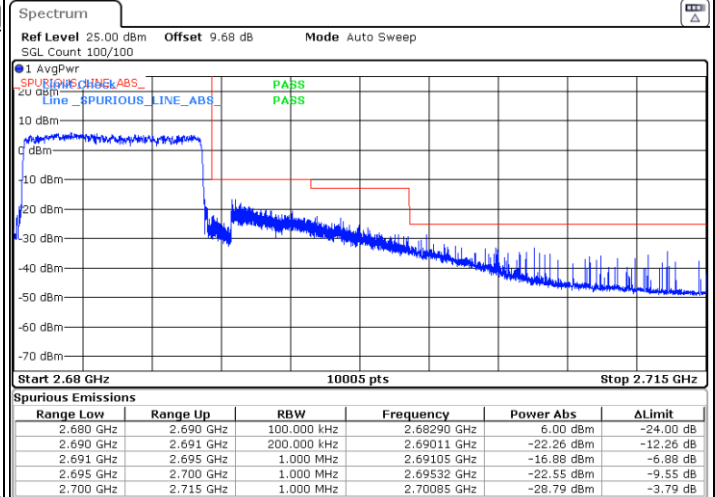
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



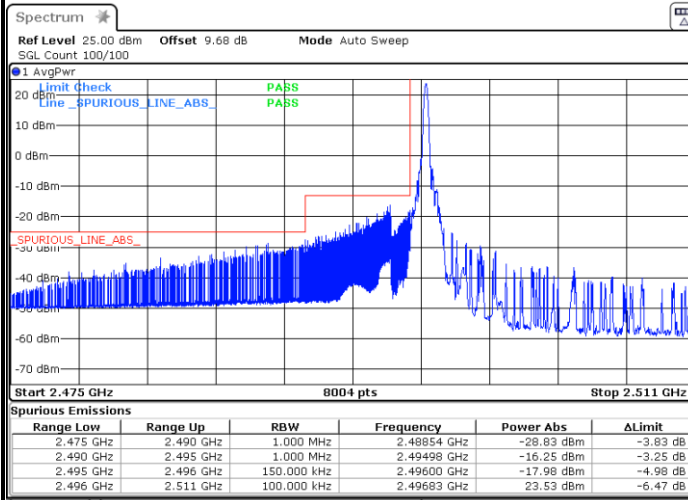
Highest Band Edge / Full RB



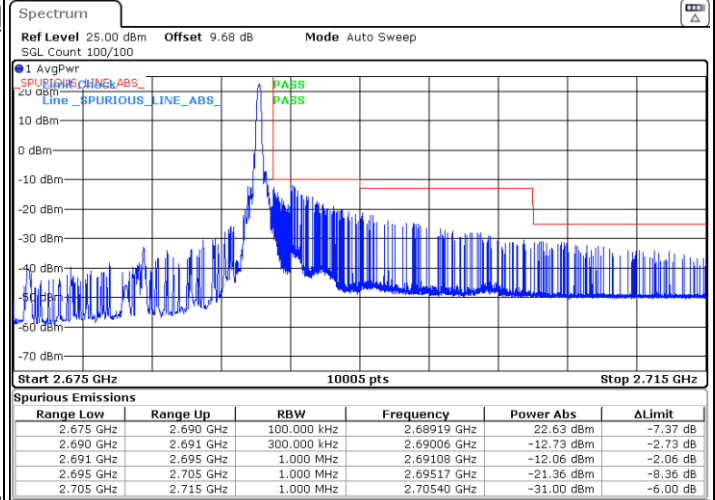


LTE Band 41 / 15MHz / QPSK

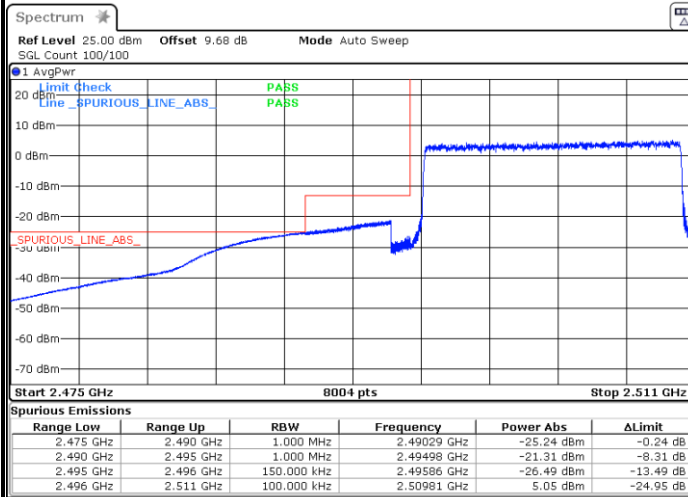
Lowest Band Edge / 1 RB



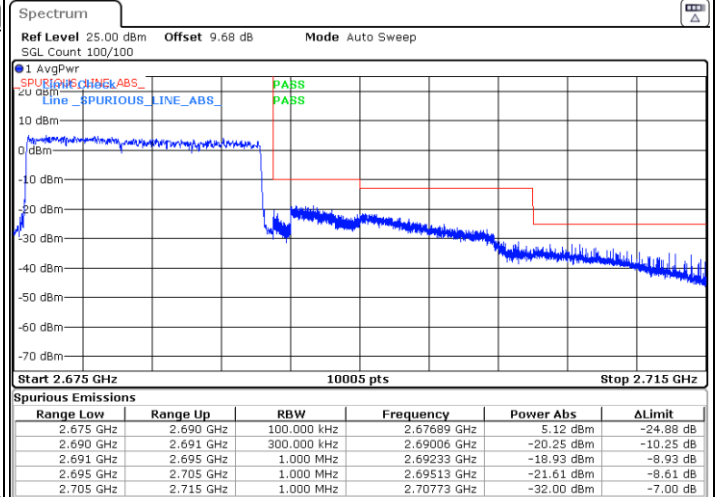
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



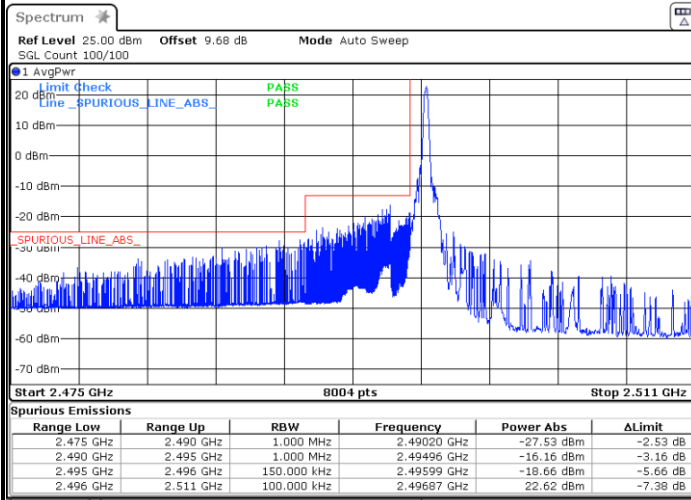
Highest Band Edge / Full RB





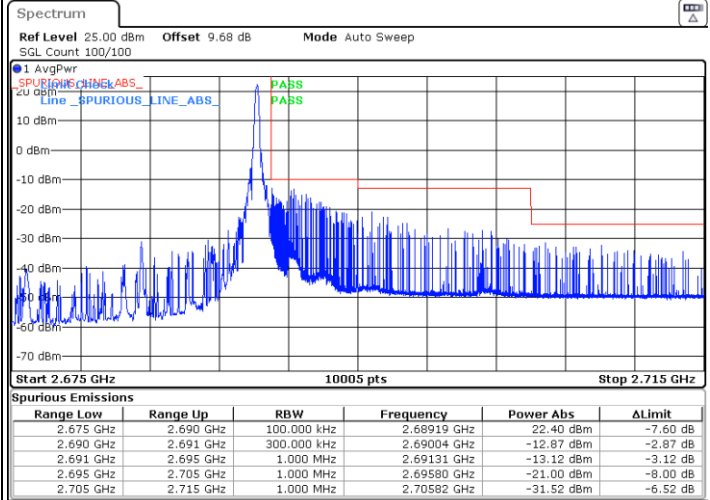
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



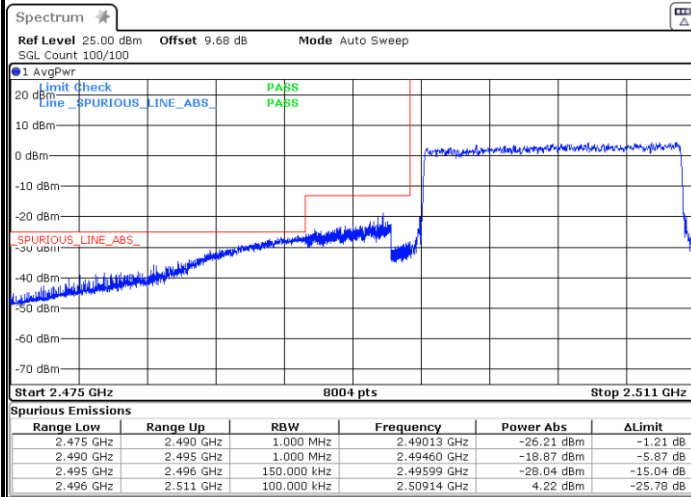
Date: 14.AUG.2022 12:05:41

Highest Band Edge / 1 RB



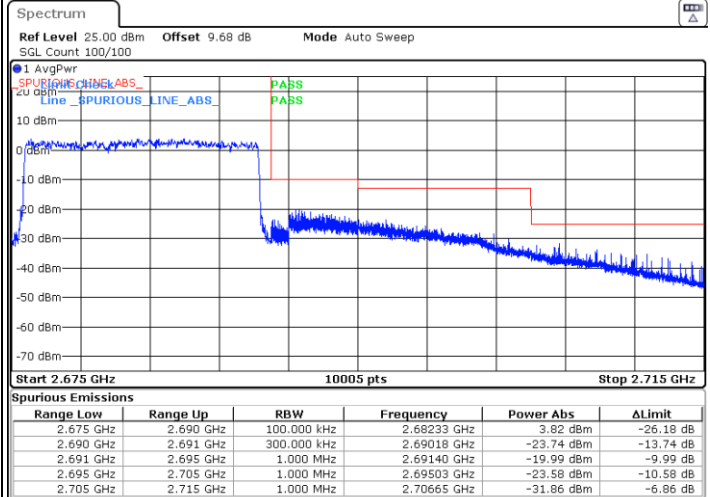
Date: 14.AUG.2022 12:11:07

Lowest Band Edge / Full RB



Date: 14.AUG.2022 12:07:02

Highest Band Edge / Full RB

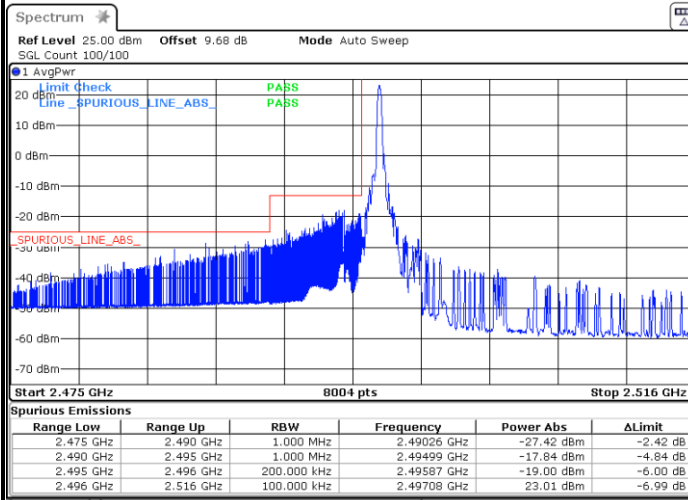


Date: 14.AUG.2022 12:12:36



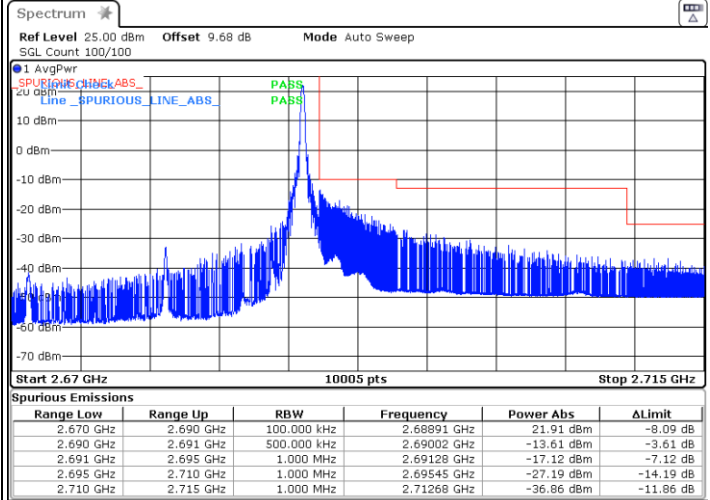
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



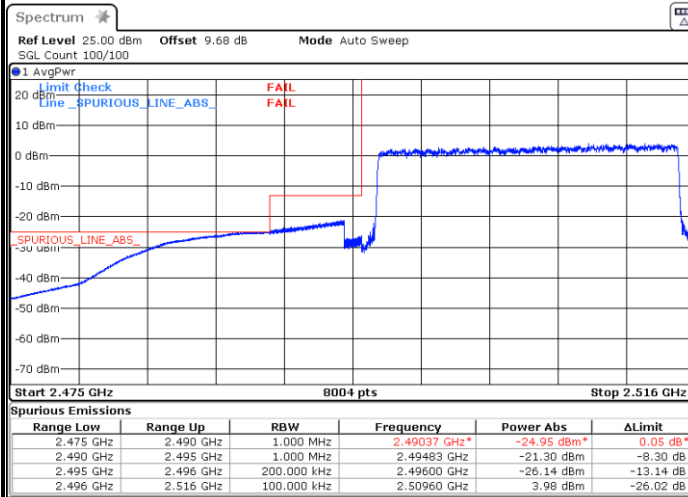
Date: 14.AUG.2022 12:14:34

Highest Band Edge / 1 RB



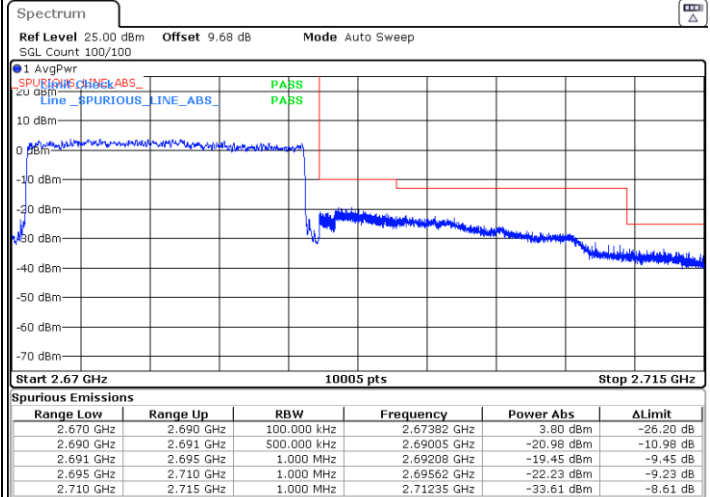
Date: 14.AUG.2022 13:20:53

Lowest Band Edge / Full RB

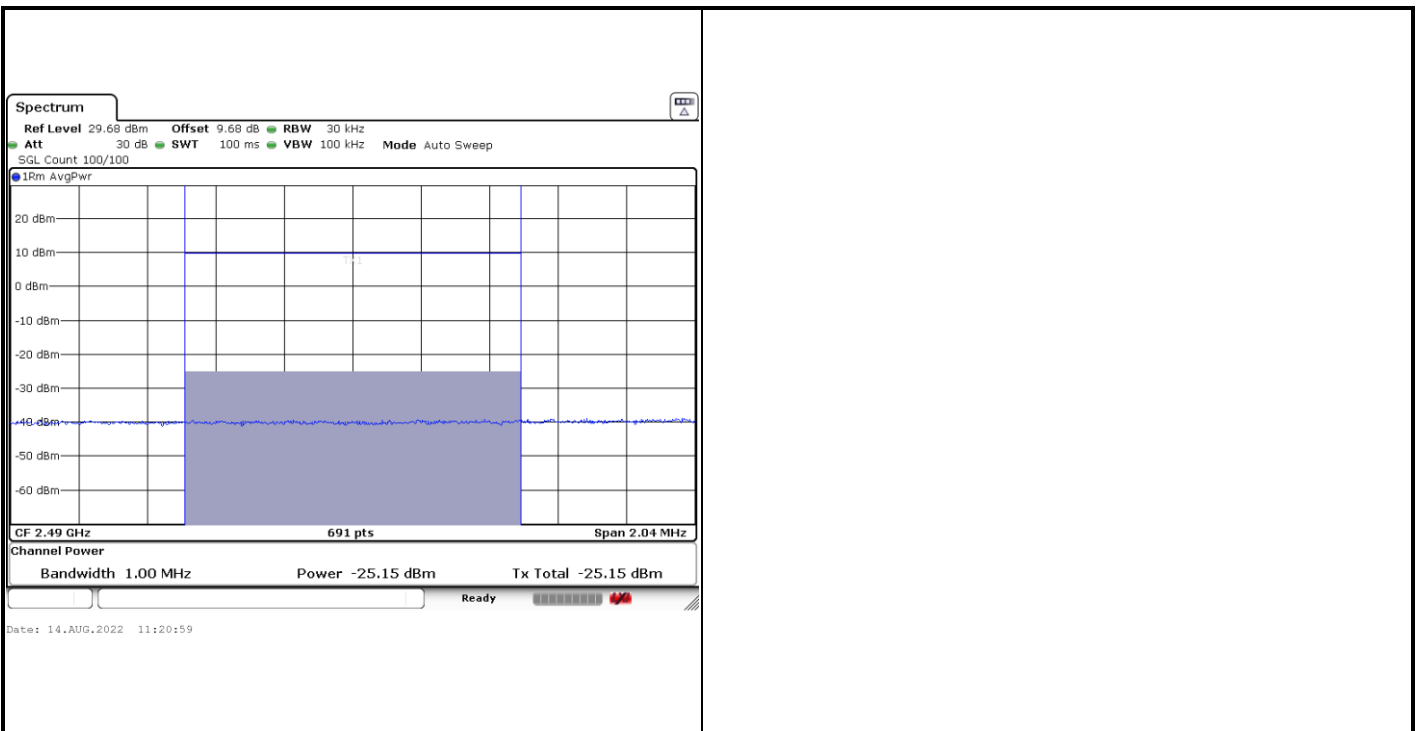


Date: 14.AUG.2022 11:09:14

Highest Band Edge / Full RB



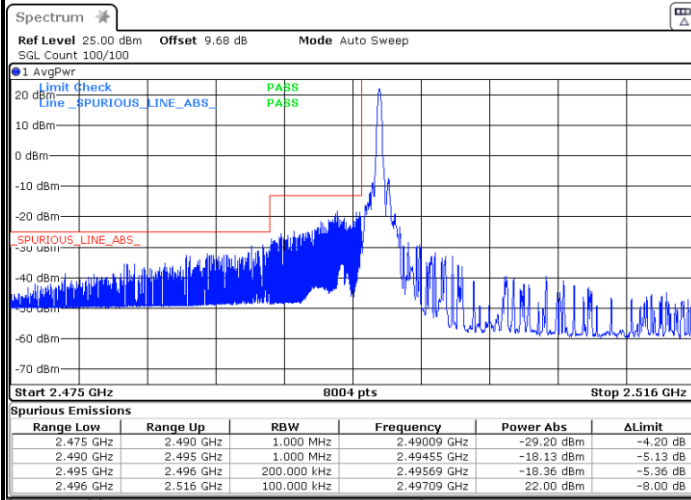
Date: 14.AUG.2022 13:22:55



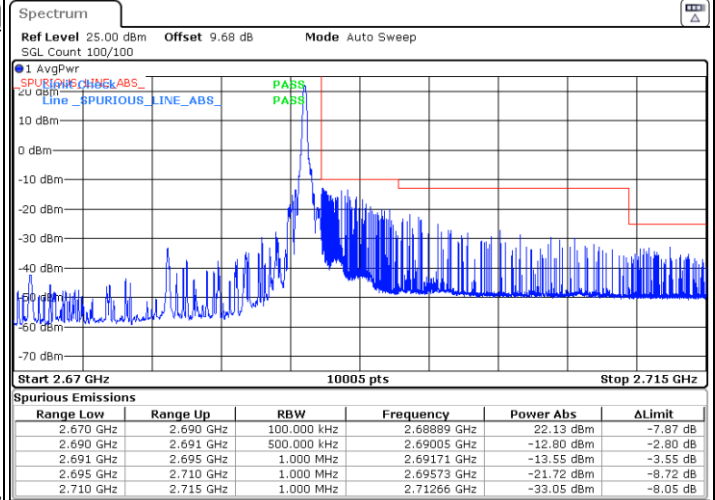


LTE Band 41 / 20MHz / 16QAM

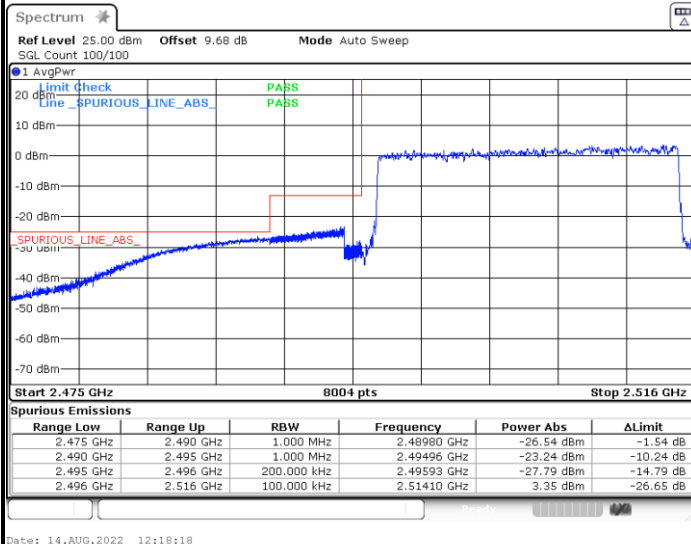
Lowest Band Edge / 1 RB



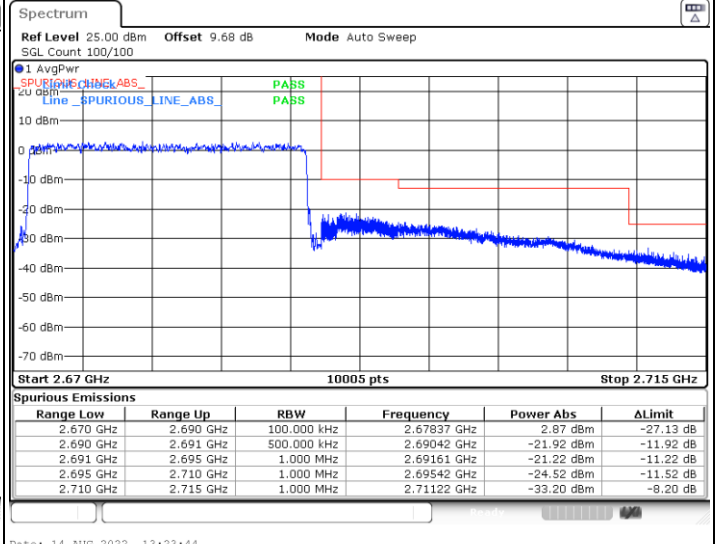
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

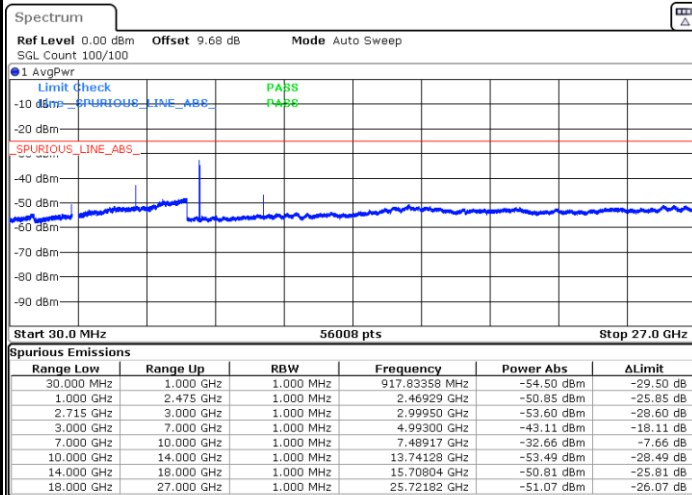




Conducted Spurious Emission

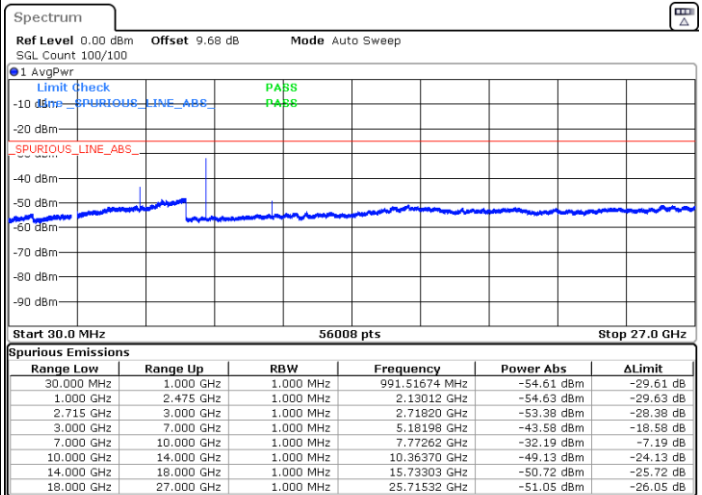
LTE Band 41 / 5MHz

Lowest Channel / QPSK



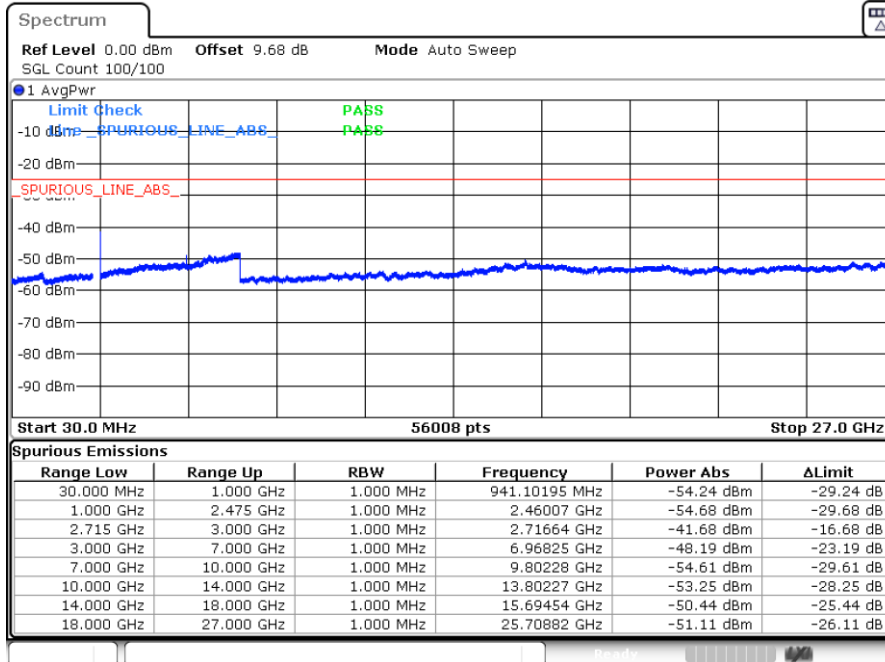
Date: 29.JUL.2022 01:20:39

Middle Channel / QPSK



Date: 29.JUL.2022 01:29:38

Highest Channel / QPSK

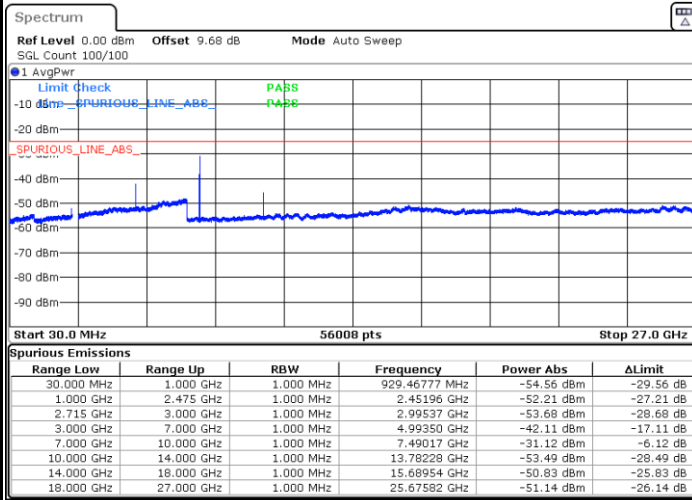


Date: 29.JUL.2022 01:31:20



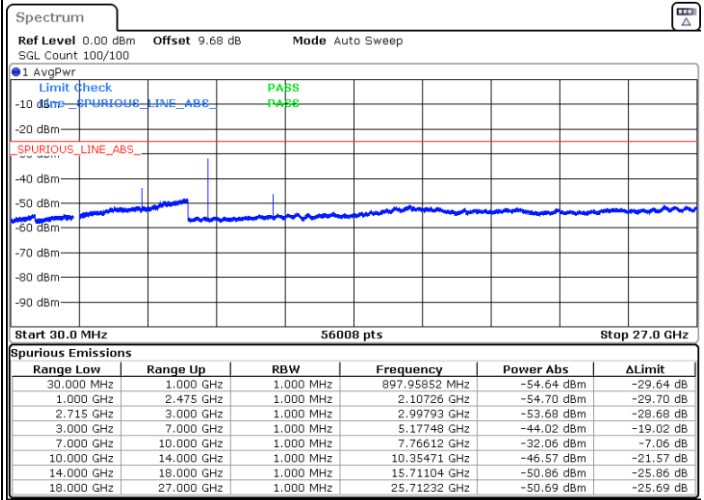
LTE Band 41 / 10MHz

Lowest Channel / QPSK



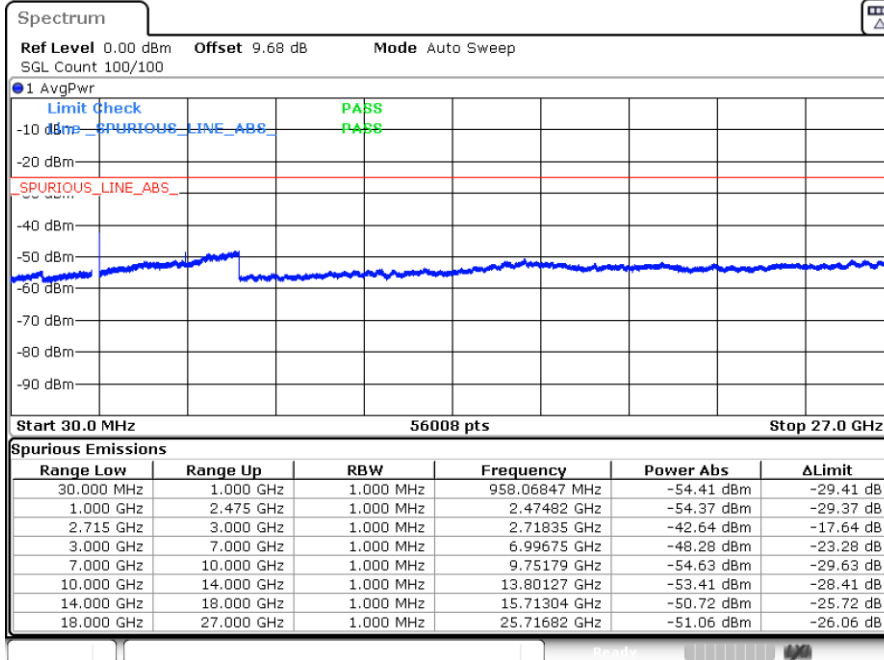
Date: 29.JUL.2022 01:40:13

Middle Channel / QPSK



Date: 29.JUL.2022 01:49:11

Highest Channel / QPSK

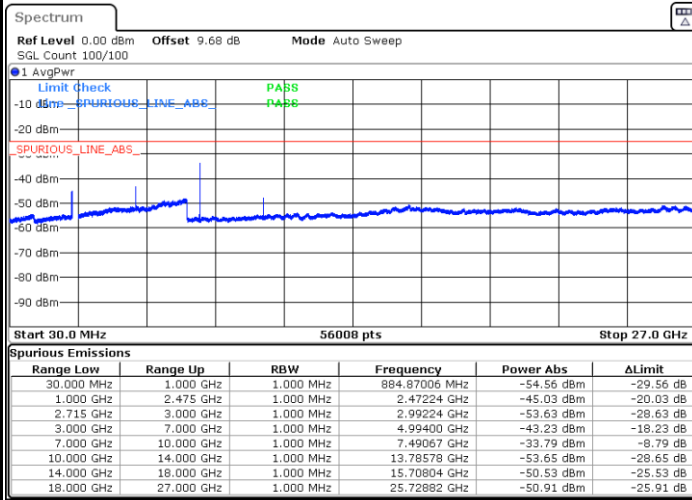


Date: 29.JUL.2022 01:50:53



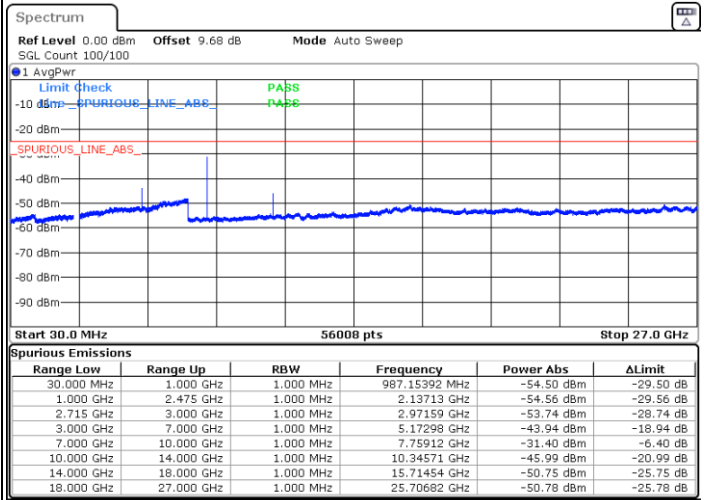
LTE Band 41 / 15MHz

Lowest Channel / QPSK



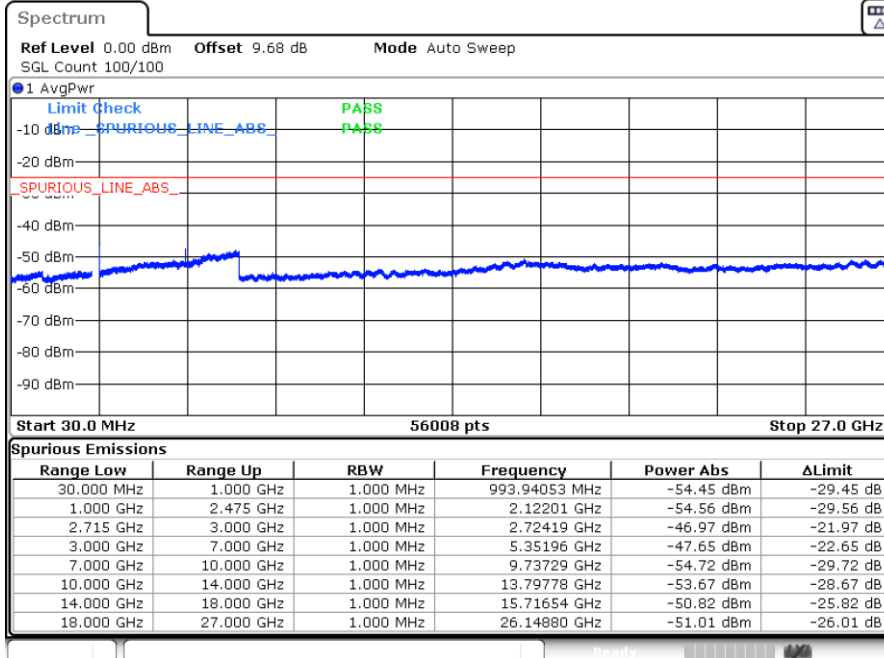
Date: 29.JUL.2022 01:59:46

Middle Channel / QPSK



Date: 29.JUL.2022 02:08:43

Highest Channel / QPSK

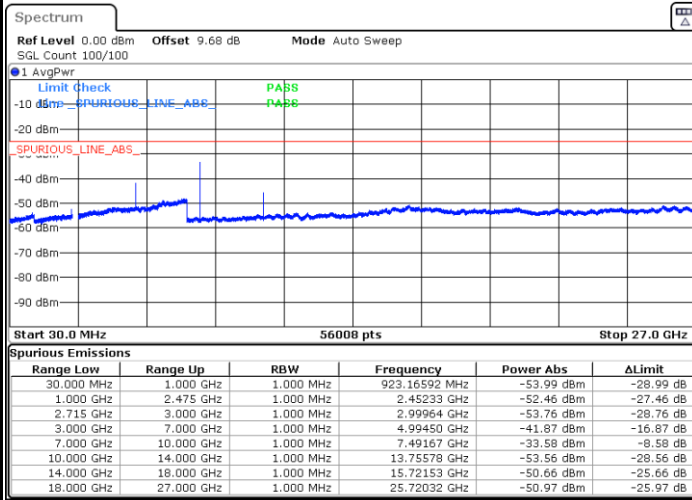


Date: 29.JUL.2022 02:10:25



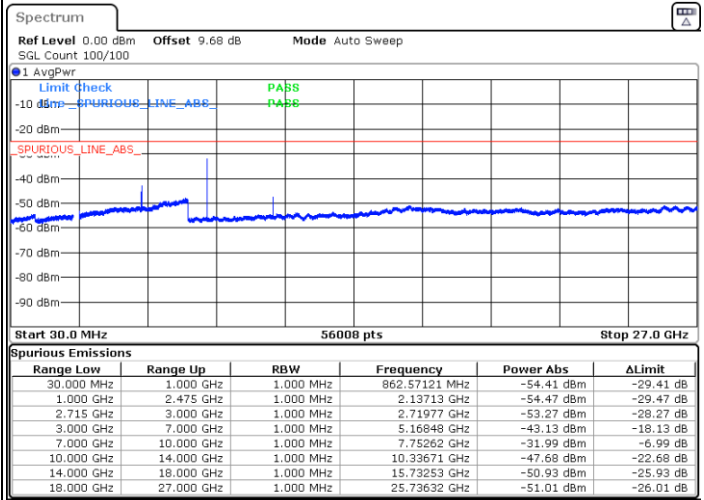
LTE Band 41 / 20MHz

Lowest Channel / QPSK



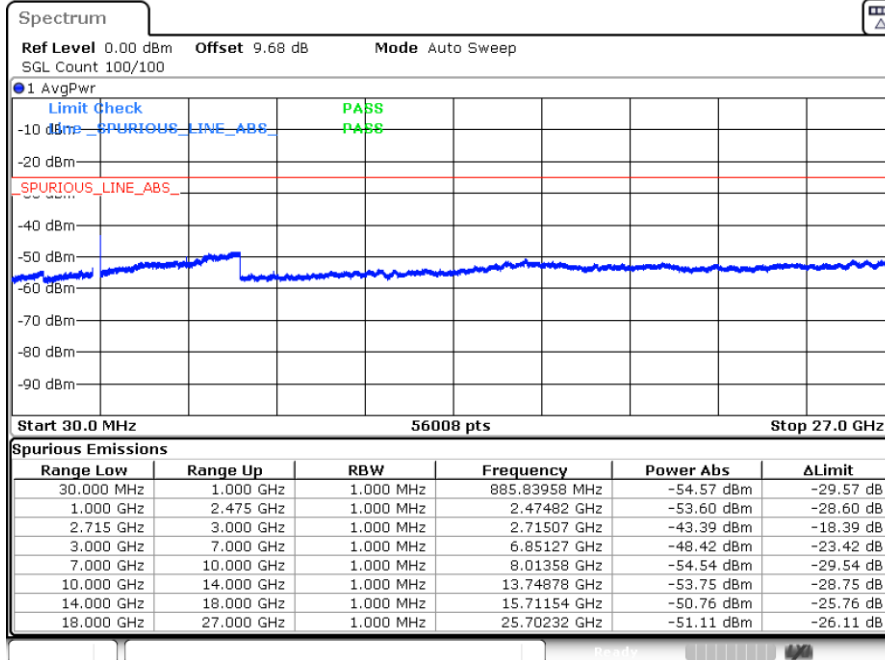
Date: 29.JUL.2022 02:19:19

Middle Channel / QPSK



Date: 29.JUL.2022 02:28:16

Highest Channel / QPSK



Date: 29.JUL.2022 02:29:57

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	0.0012	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0018	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0025	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0022	

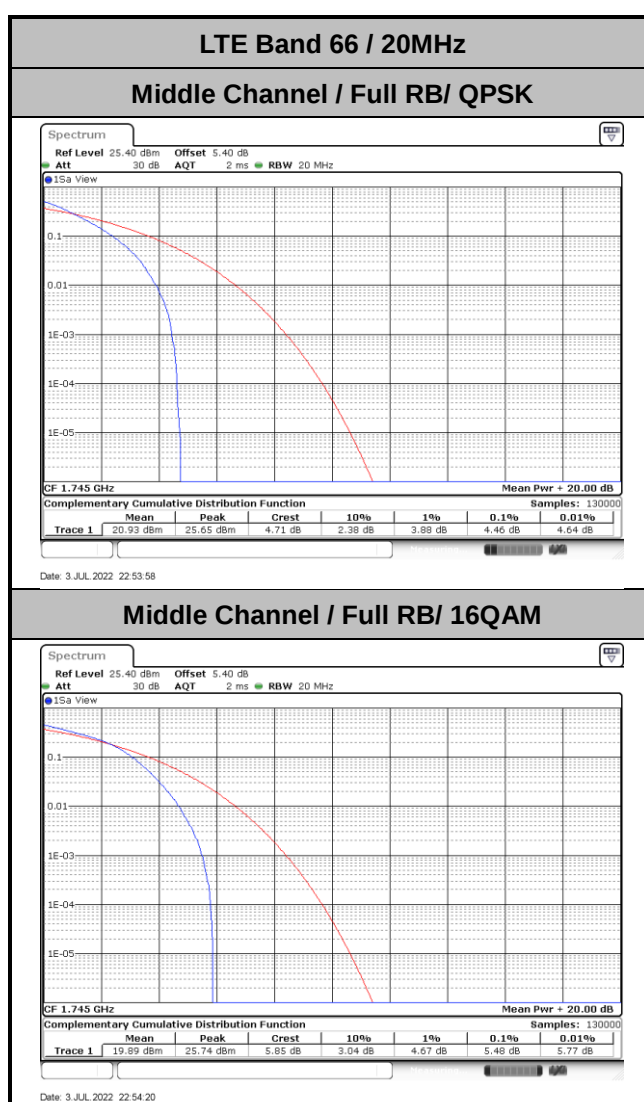
Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 66

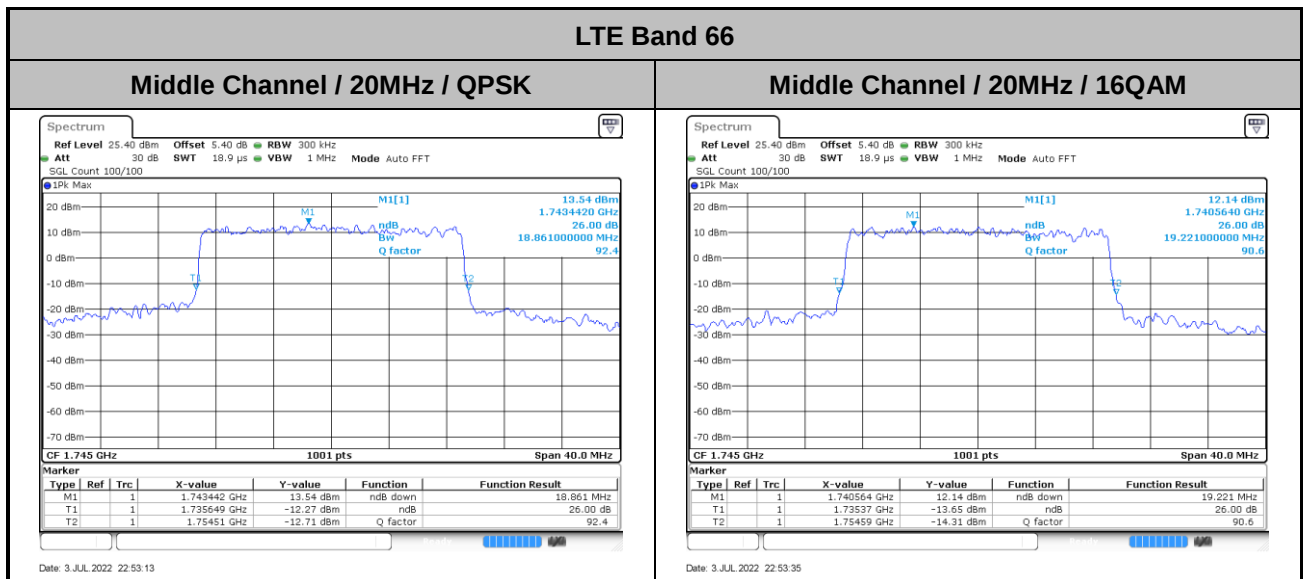
Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.46	5.48	PASS



**26dB Bandwidth**

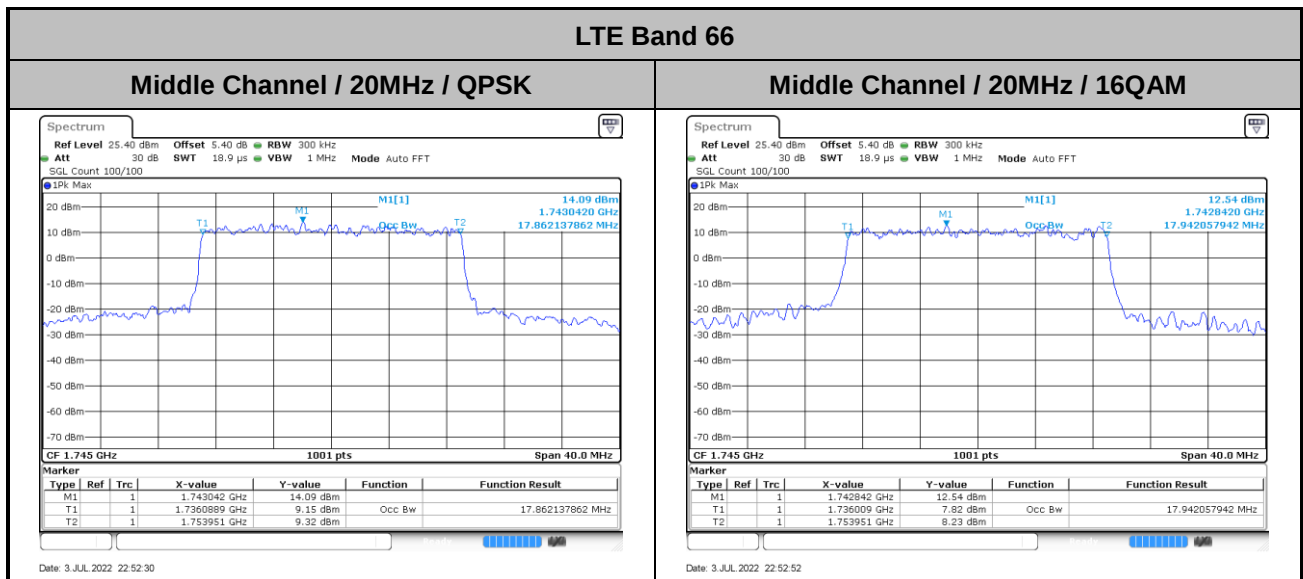
Mode	LTE Band 66 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.86	19.22





Occupied Bandwidth

Mode	LTE Band 66 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.86	17.94

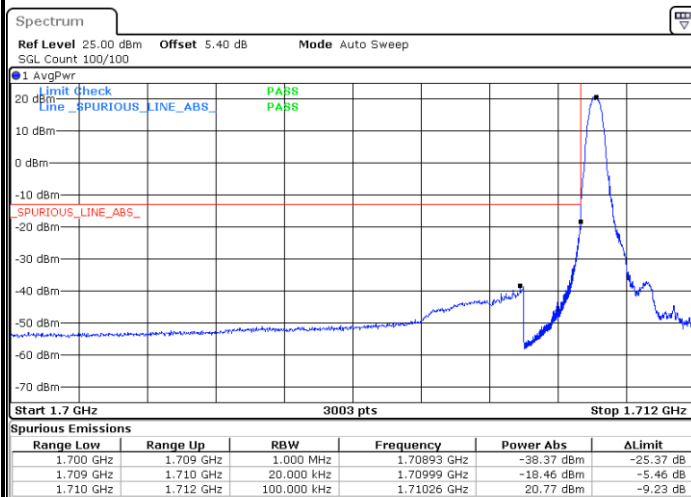




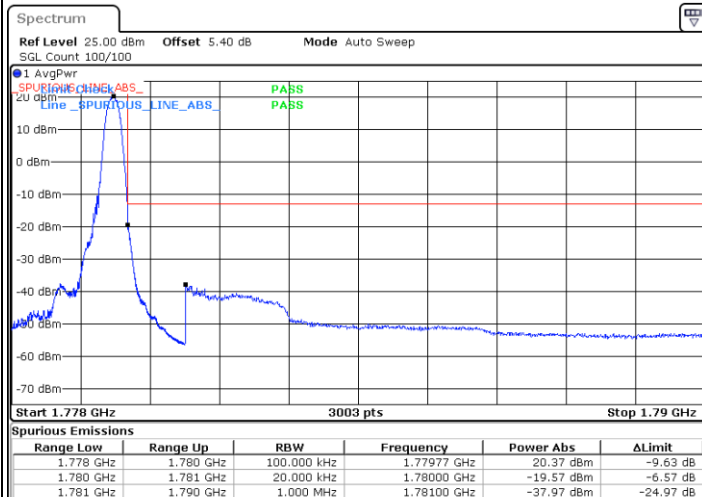
Conducted Band Edge

LTE Band 66 / 1.4MHz / QPSK

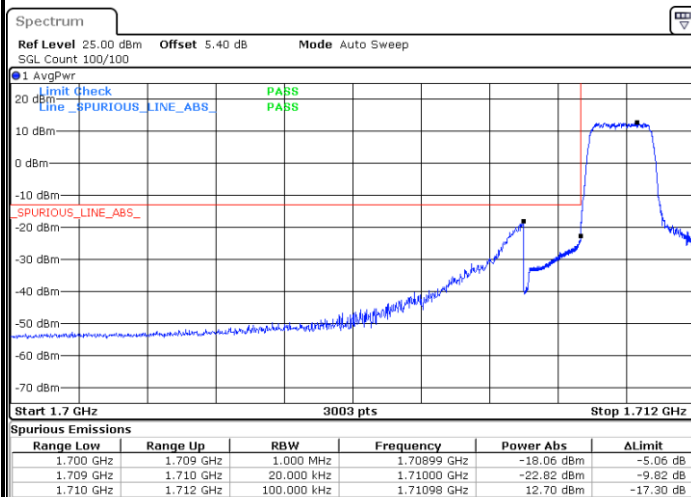
Lowest Band Edge / 1RB



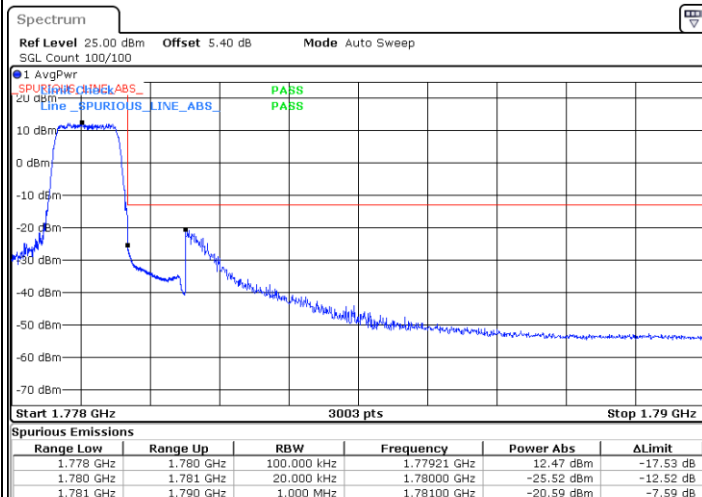
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



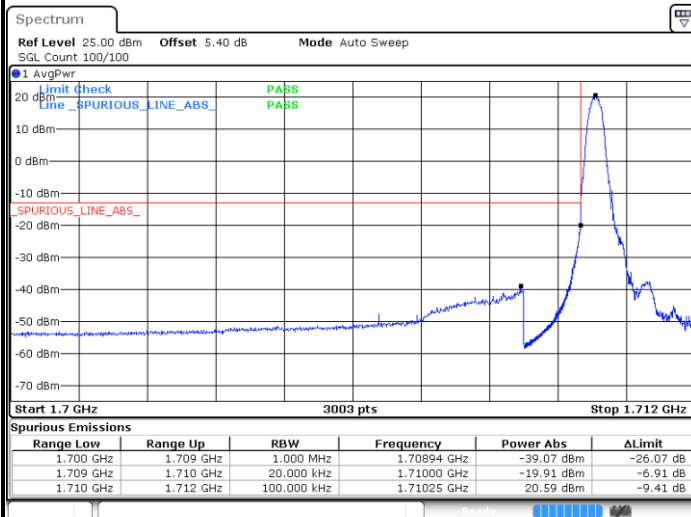
Highest Band Edge / Full RB



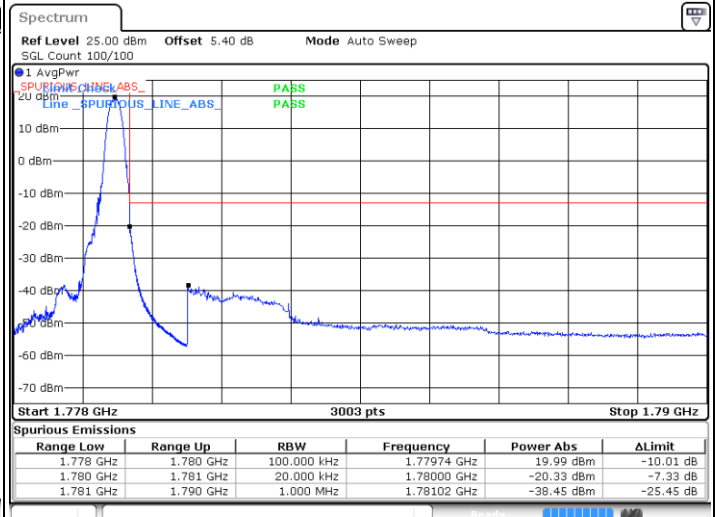


LTE Band 66 / 1.4MHz / 16QAM

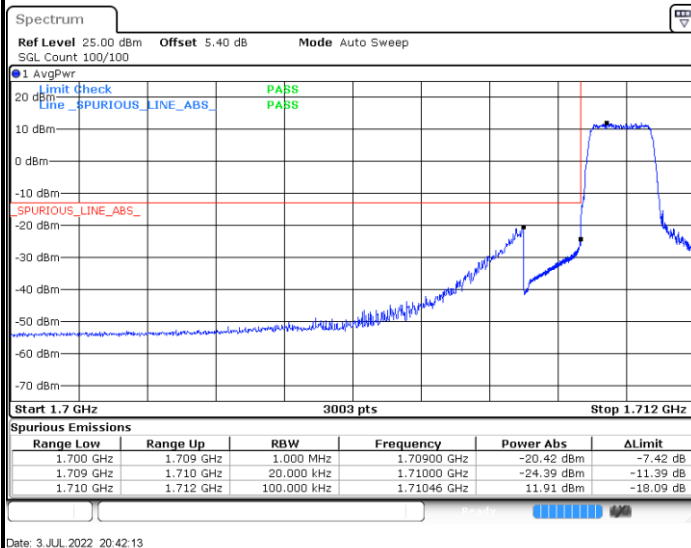
Lowest Band Edge / 1 RB



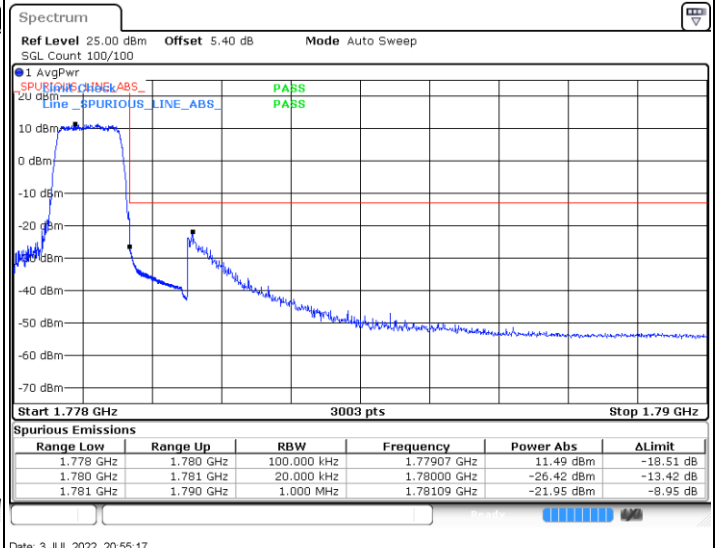
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



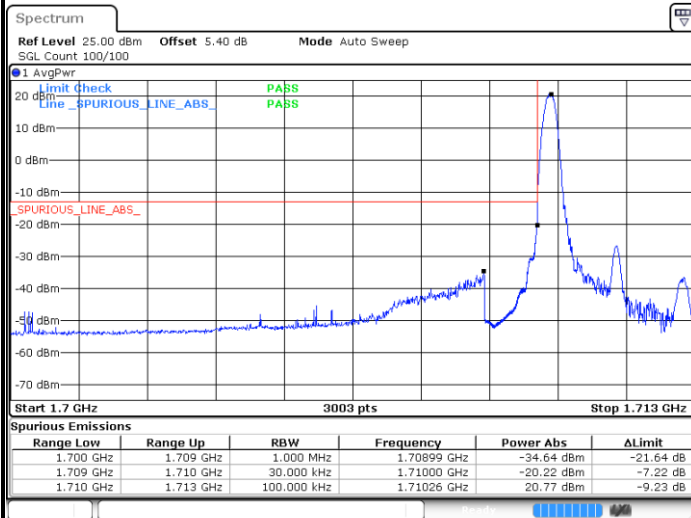
Highest Band Edge / Full RB



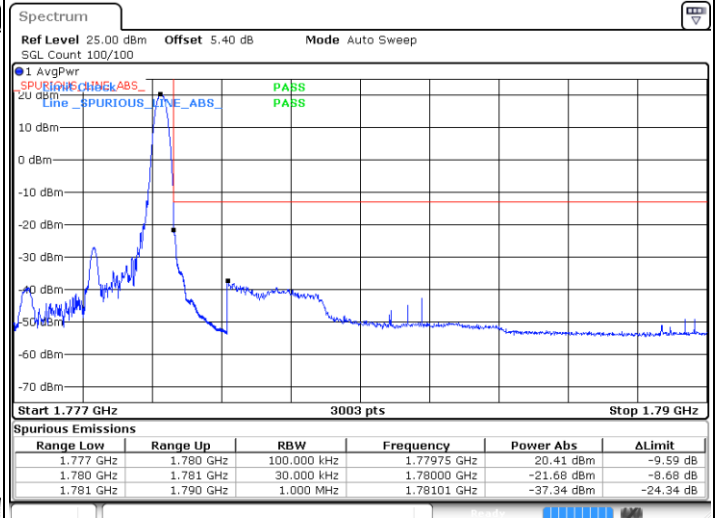


LTE Band 66 / 3MHz / QPSK

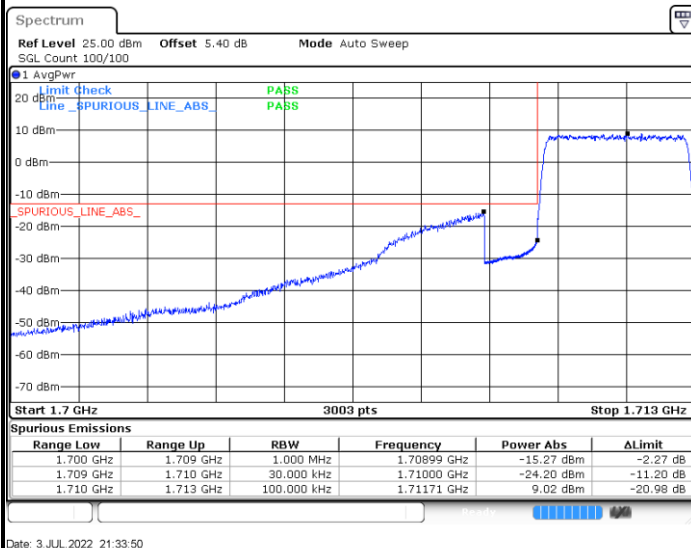
Lowest Band Edge / 1RB



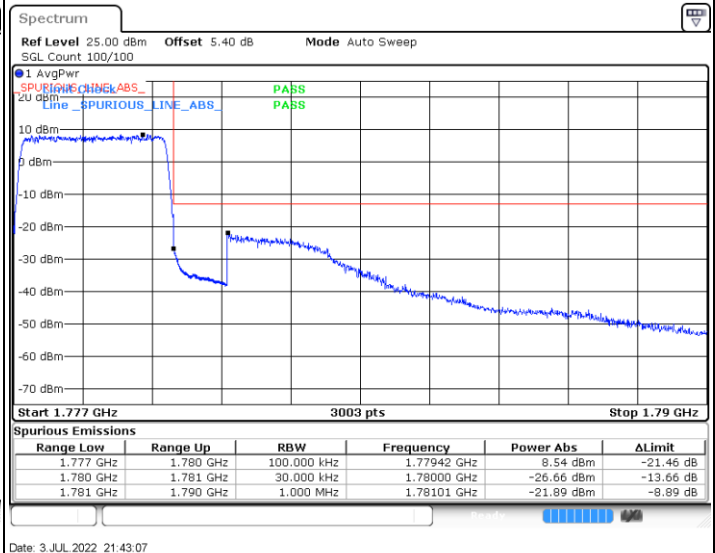
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



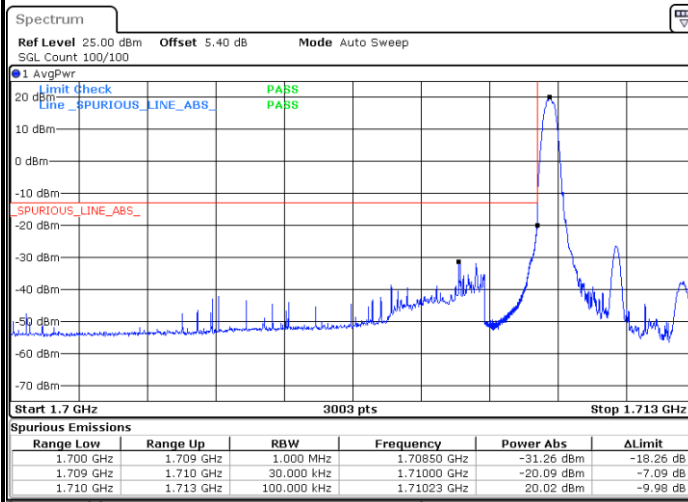
Highest Band Edge / Full RB



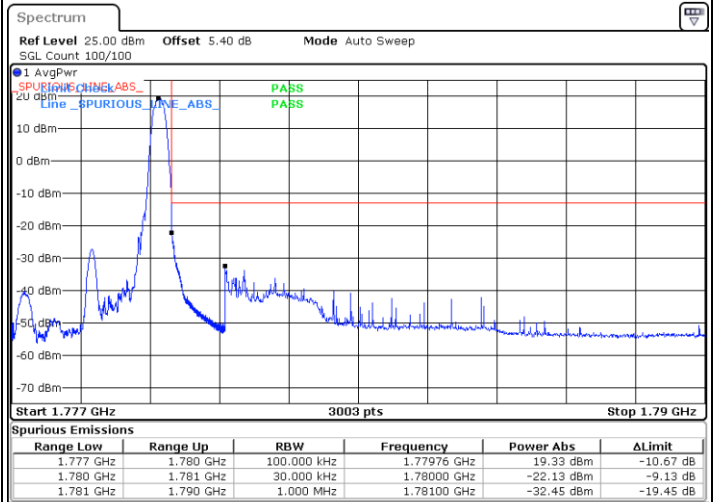


LTE Band 66 / 3MHz / 16QAM

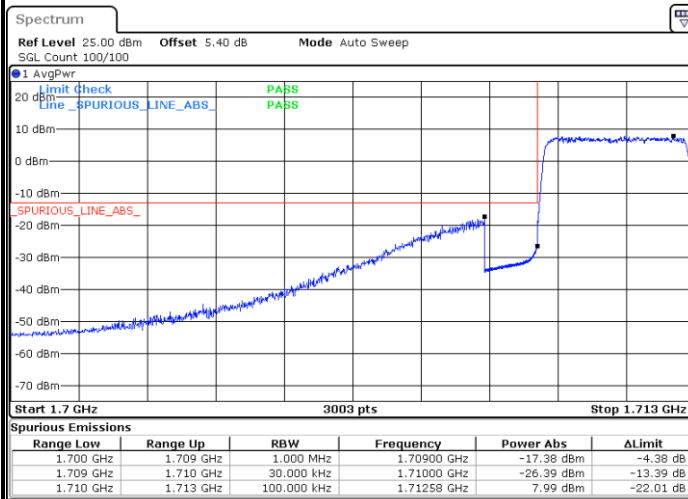
Lowest Band Edge / 1 RB



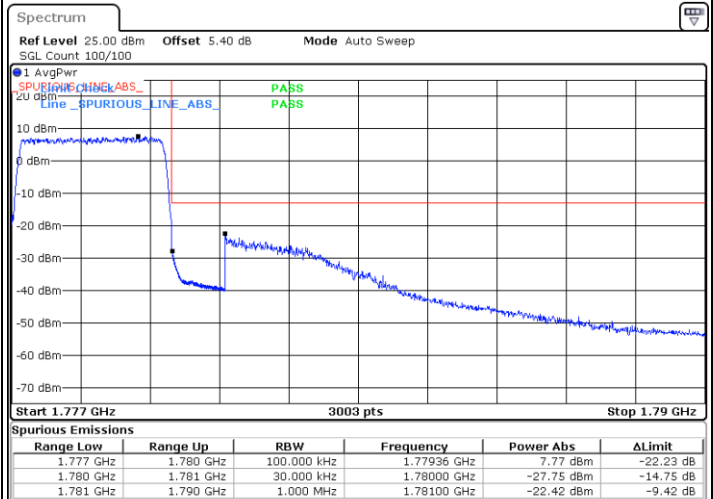
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



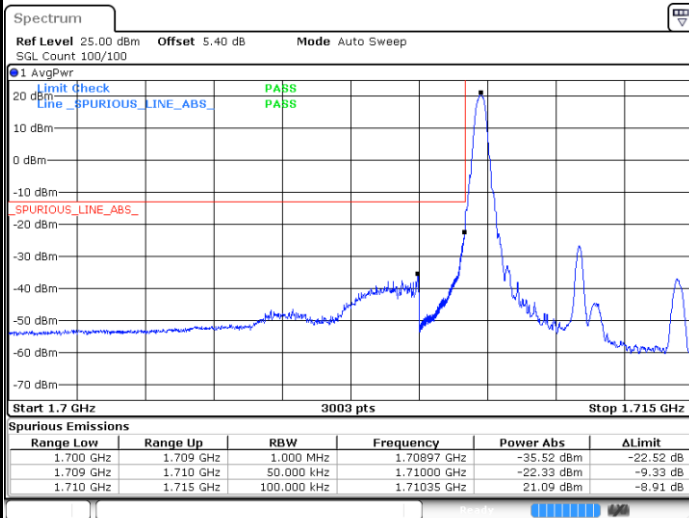
Highest Band Edge / Full RB



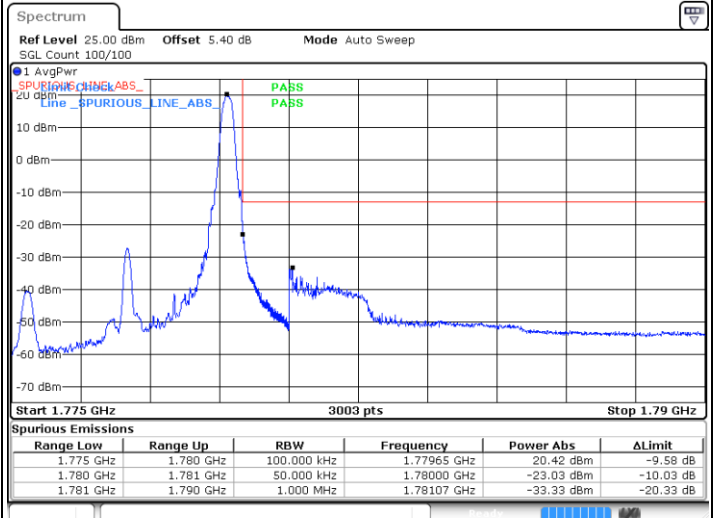


LTE Band 66 / 5MHz / QPSK

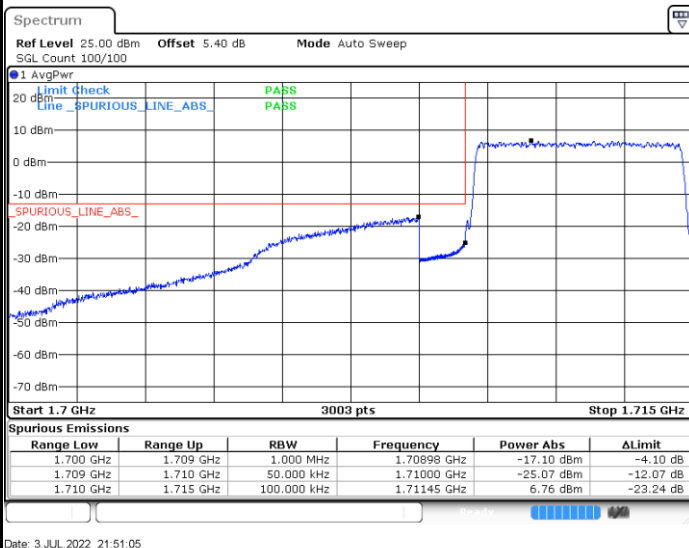
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

