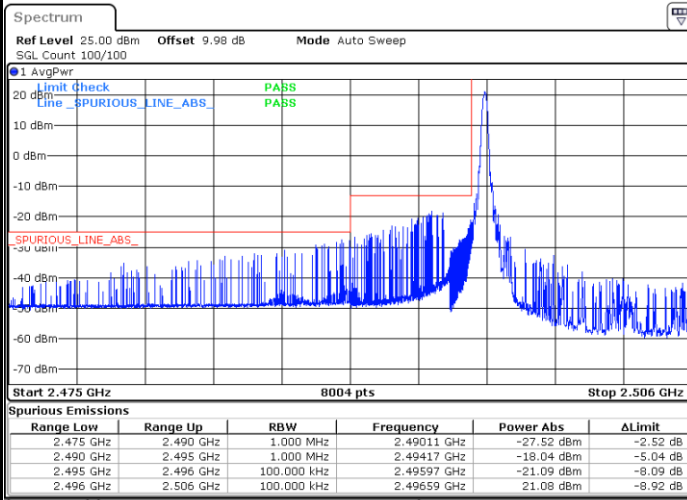




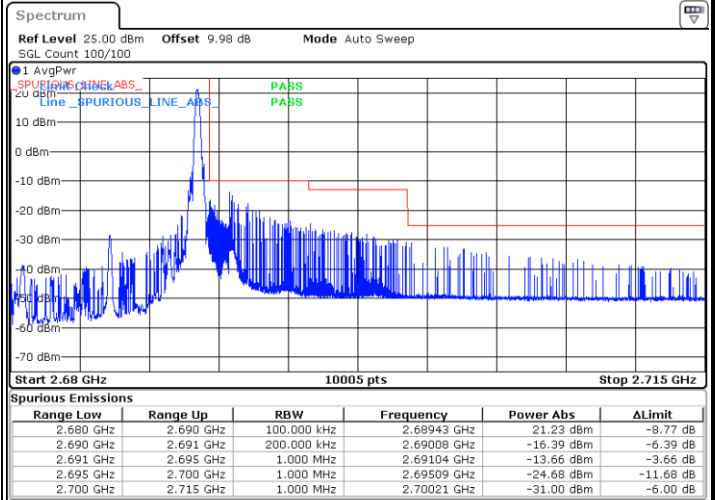
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



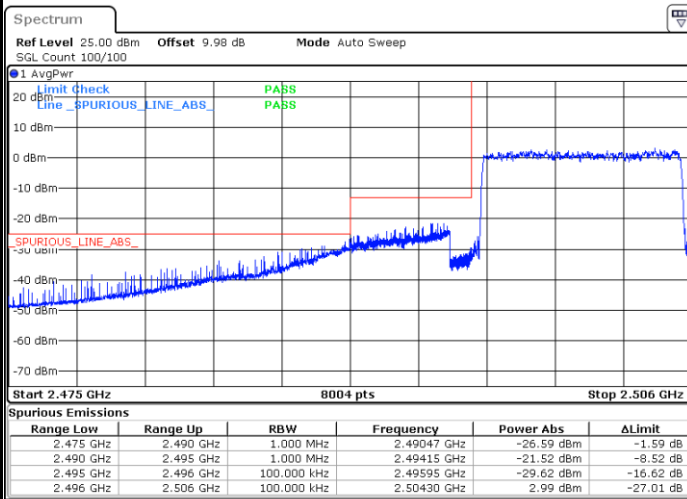
Date: 4.DEC.2022 09:23:18

Highest Band Edge / 1 RB



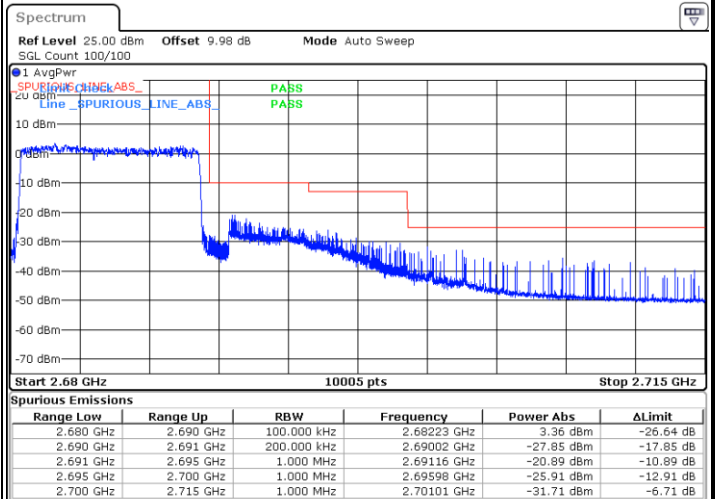
Date: 4.DEC.2022 09:37:55

Lowest Band Edge / Full RB



Date: 4.DEC.2022 09:28:42

Highest Band Edge / Full RB

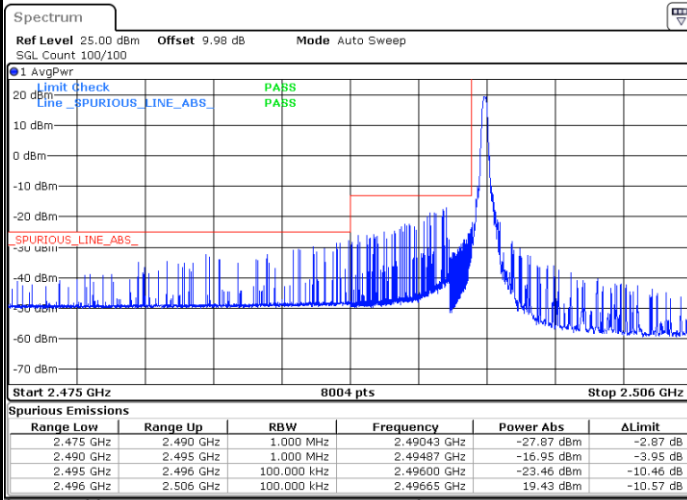


Date: 4.DEC.2022 09:43:18



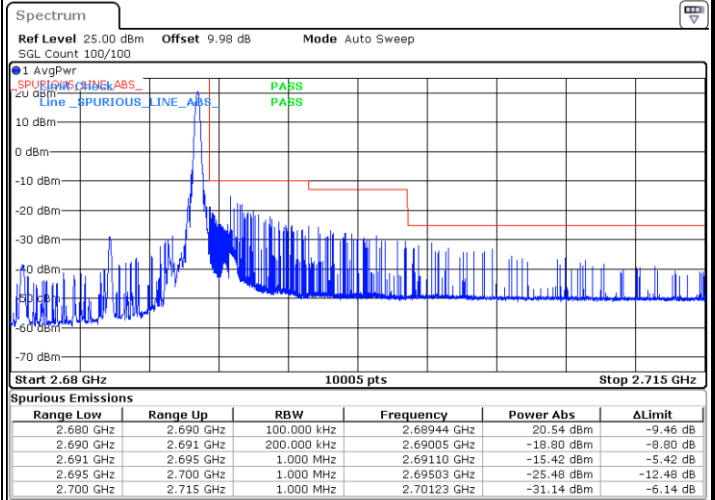
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



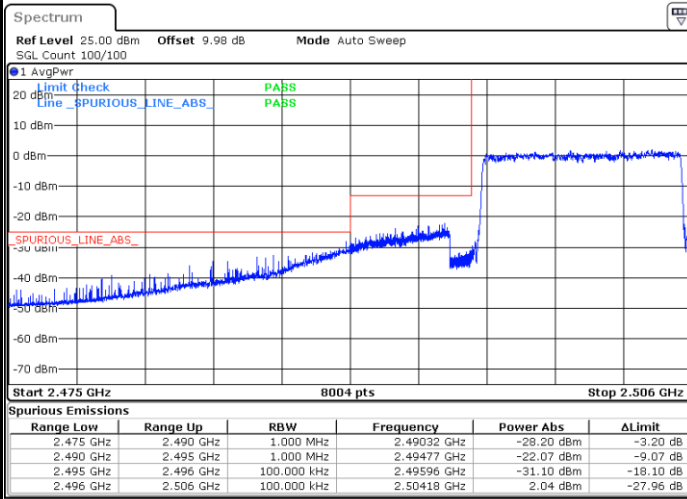
Date: 4.DEC.2022 09:24:39

Highest Band Edge / 1 RB



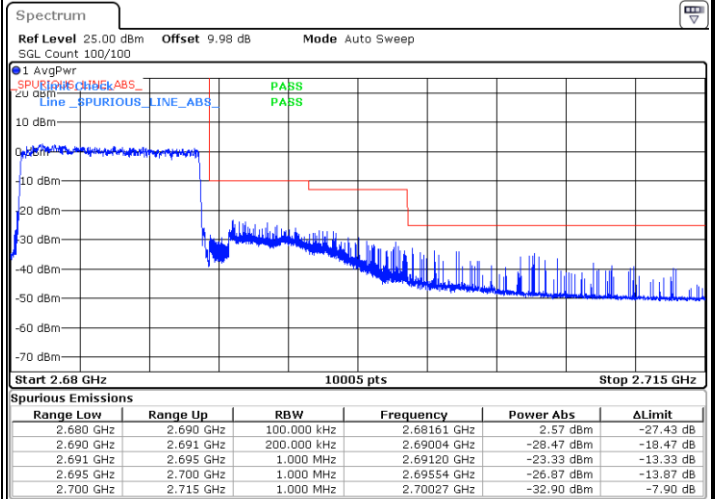
Date: 4.DEC.2022 09:39:15

Lowest Band Edge / Full RB



Date: 4.DEC.2022 09:30:02

Highest Band Edge / Full RB

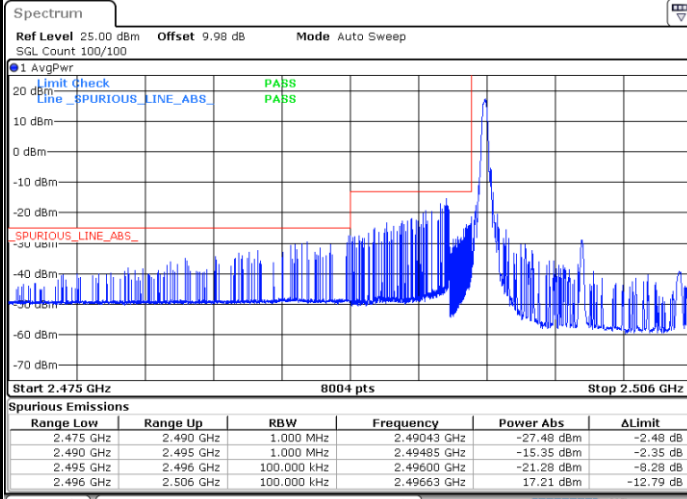


Date: 4.DEC.2022 09:44:37

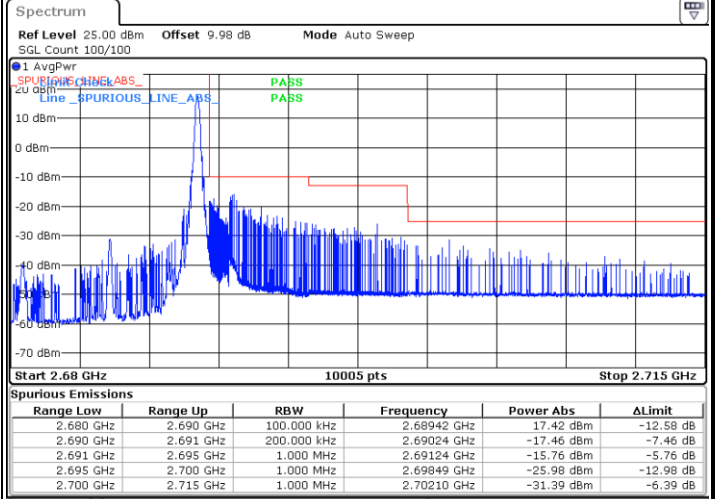


LTE Band 41 / 10MHz / 256QAM

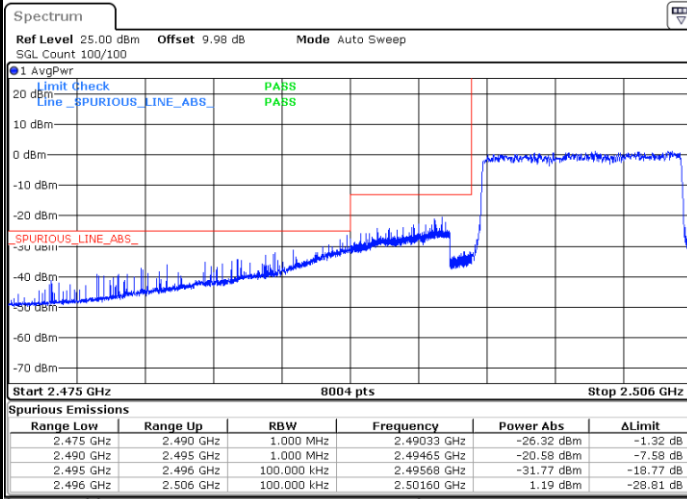
Lowest Band Edge / 1RB



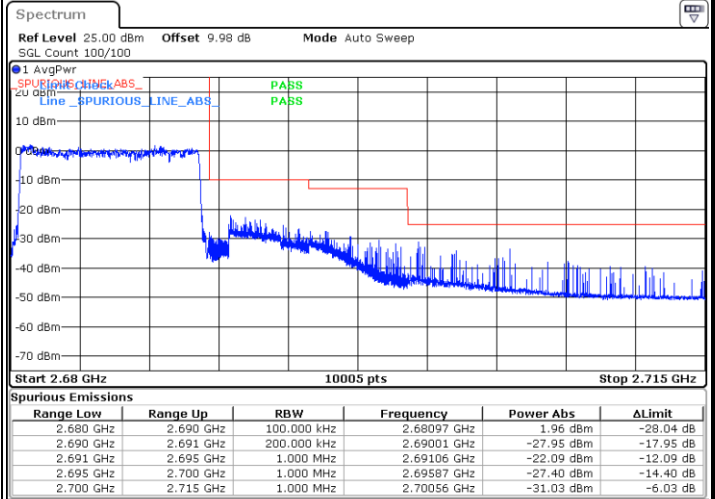
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



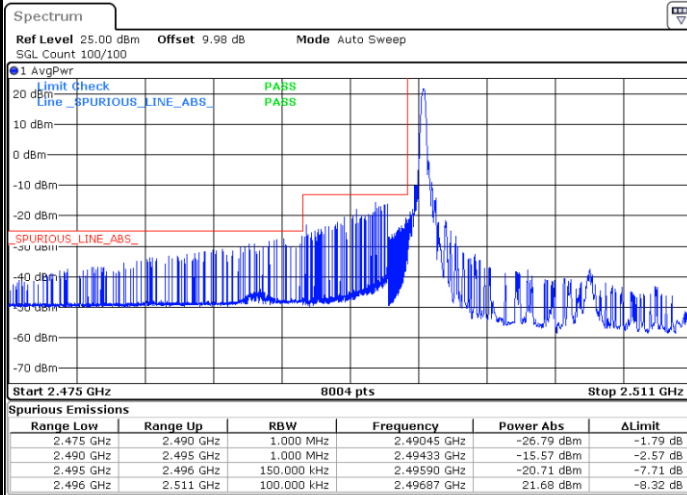
Highest Band Edge / Full RB





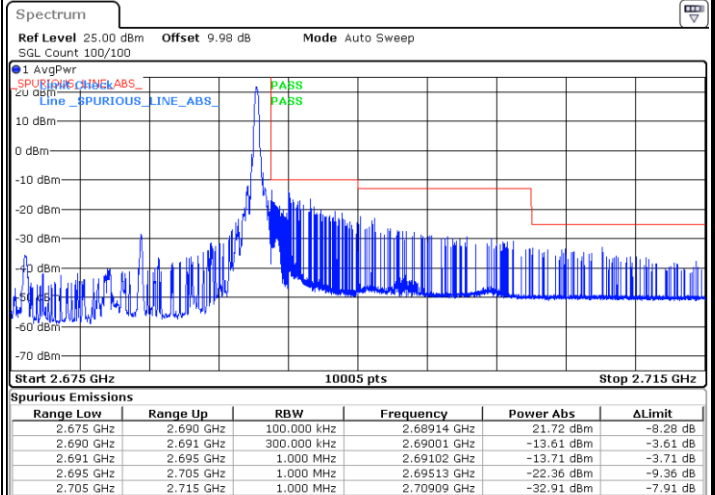
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



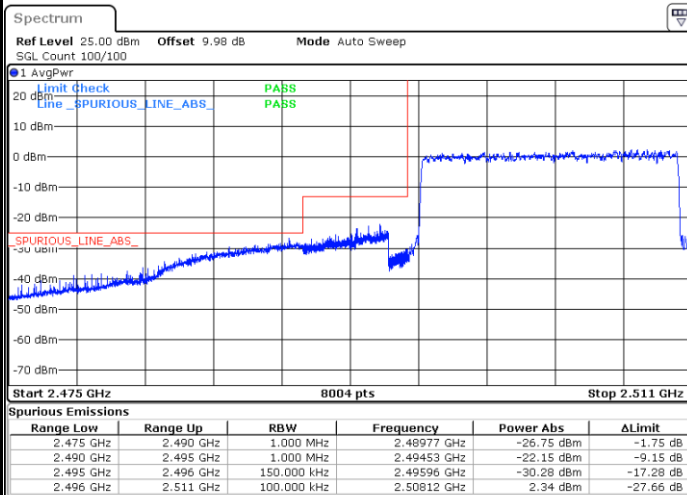
Date: 4. DEC. 2022 09:49:44

Highest Band Edge / 1 RB



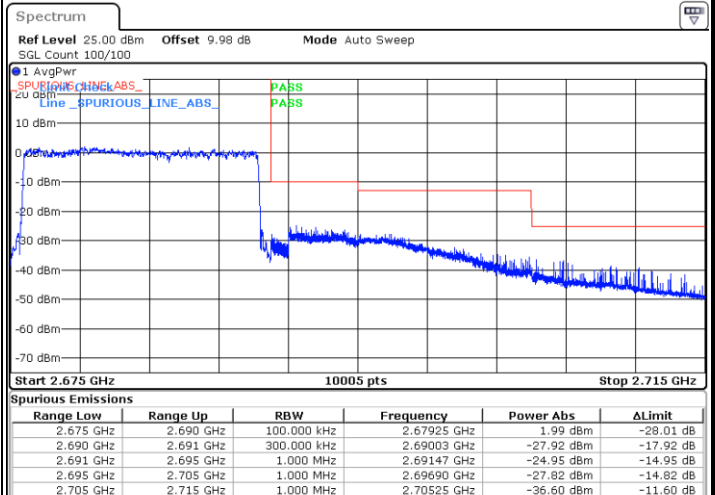
Date: 4. DEC. 2022 10:03:08

Lowest Band Edge / Full RB



Date: 4. DEC. 2022 09:55:08

Highest Band Edge / Full RB

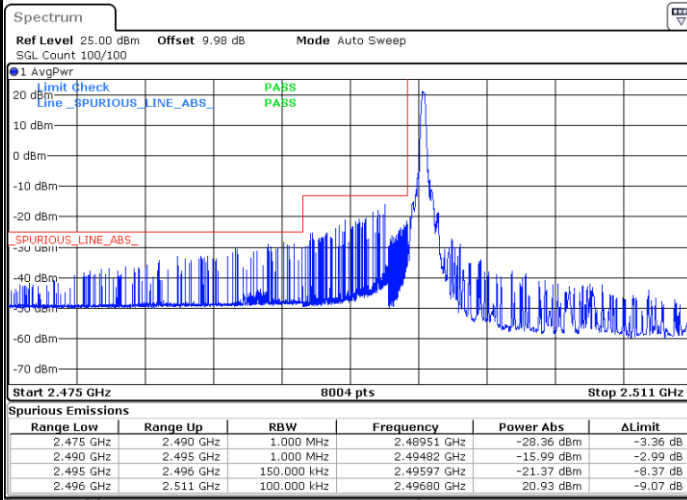


Date: 4. DEC. 2022 10:08:31



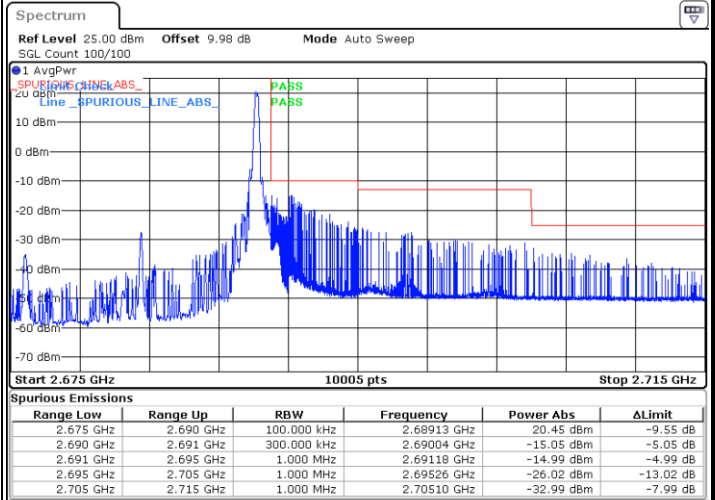
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



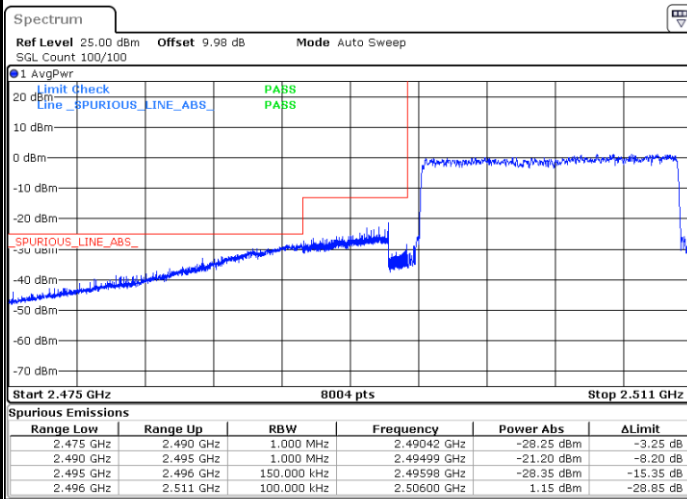
Date: 4.DEC.2022 09:51:04

Highest Band Edge / 1 RB



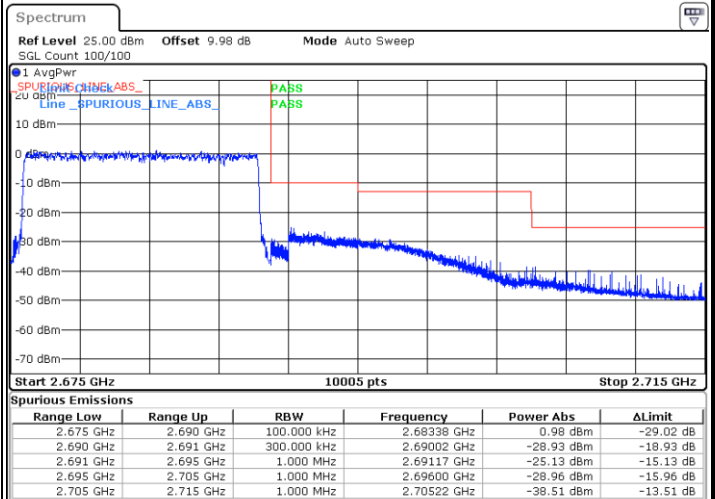
Date: 4.DEC.2022 10:04:28

Lowest Band Edge / Full RB



Date: 4.DEC.2022 09:56:29

Highest Band Edge / Full RB

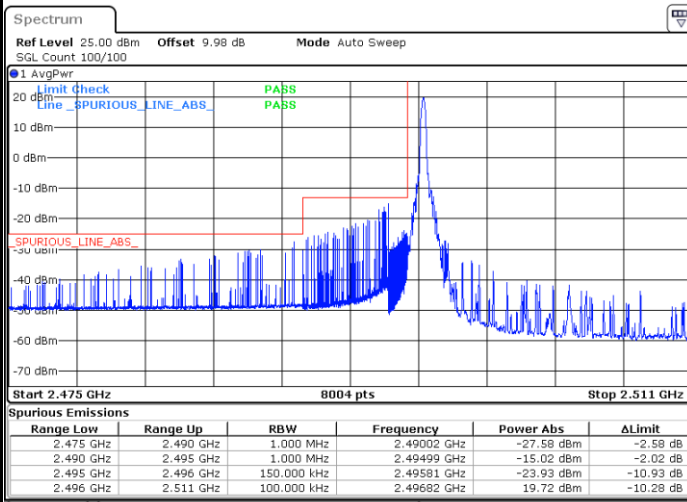


Date: 4.DEC.2022 10:09:51



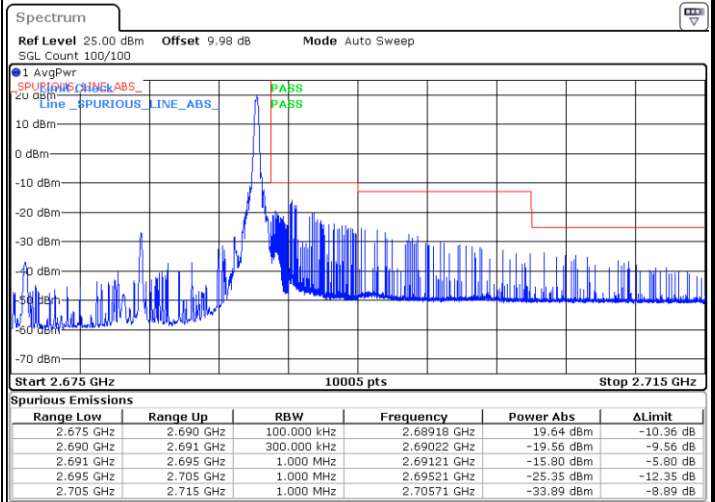
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



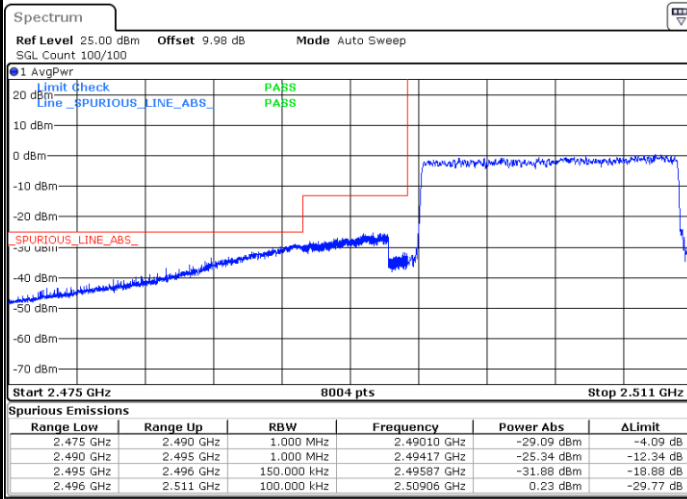
Date: 4.DEC.2022 09:52:25

Highest Band Edge / 1 RB



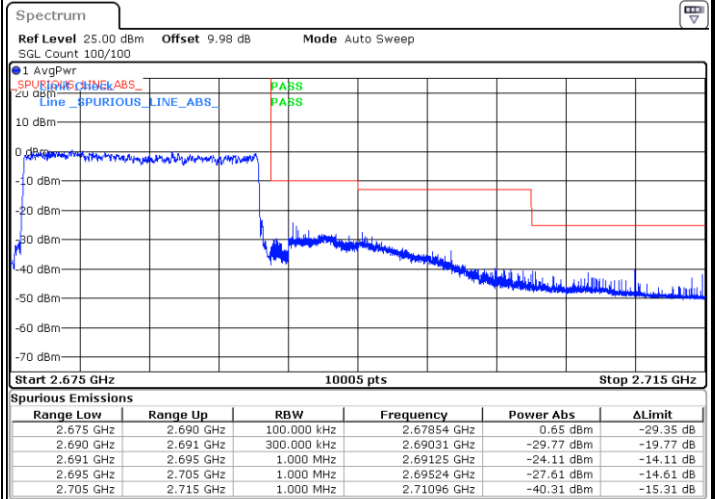
Date: 4.DEC.2022 10:05:48

Lowest Band Edge / Full RB



Date: 4.DEC.2022 09:57:49

Highest Band Edge / Full RB

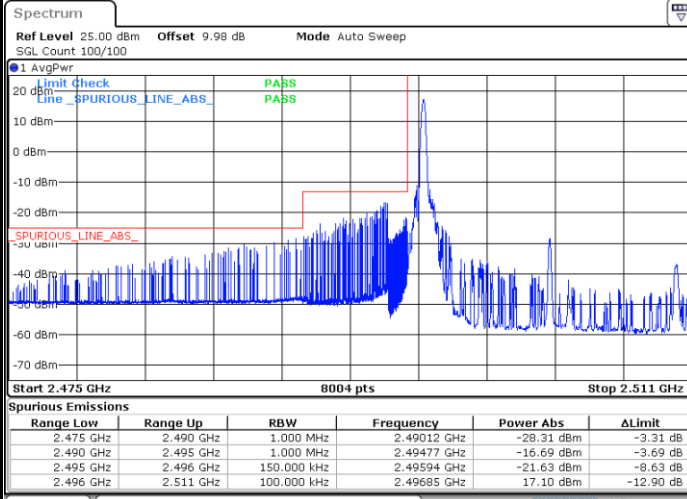


Date: 4.DEC.2022 10:11:11



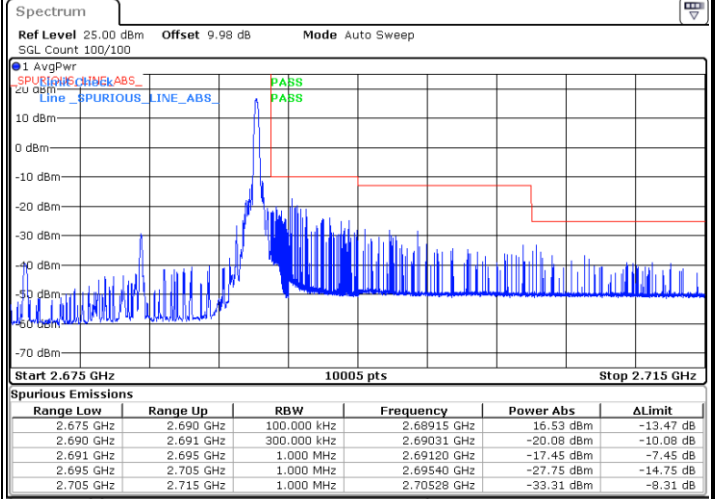
LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / 1RB



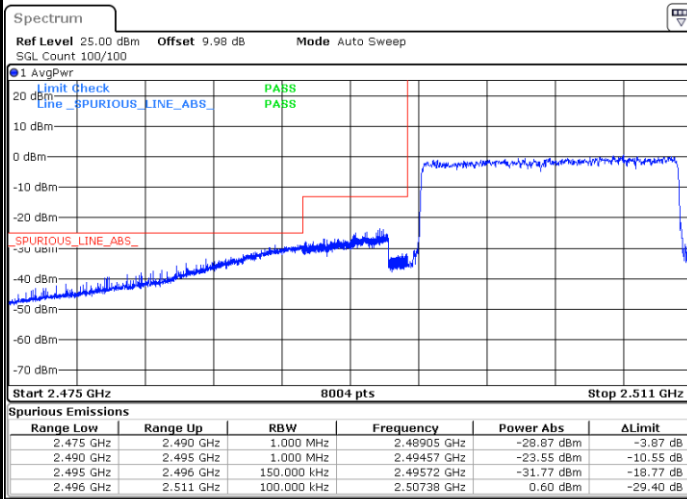
Date: 4. DEC. 2022 09:53:45

Highest Band Edge / 1 RB



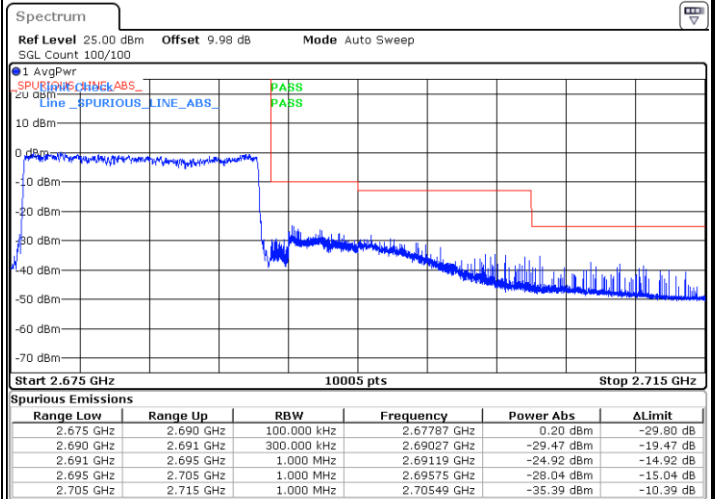
Date: 4. DEC. 2022 10:07:08

Lowest Band Edge / Full RB



Date: 4. DEC. 2022 09:59:09

Highest Band Edge / Full RB

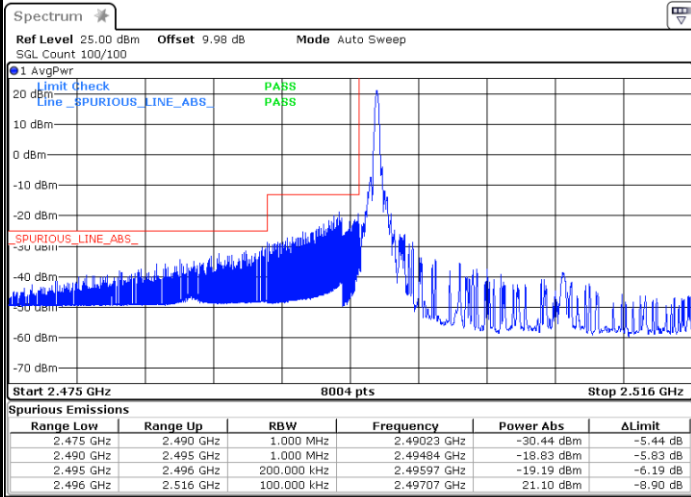


Date: 4. DEC. 2022 10:12:31



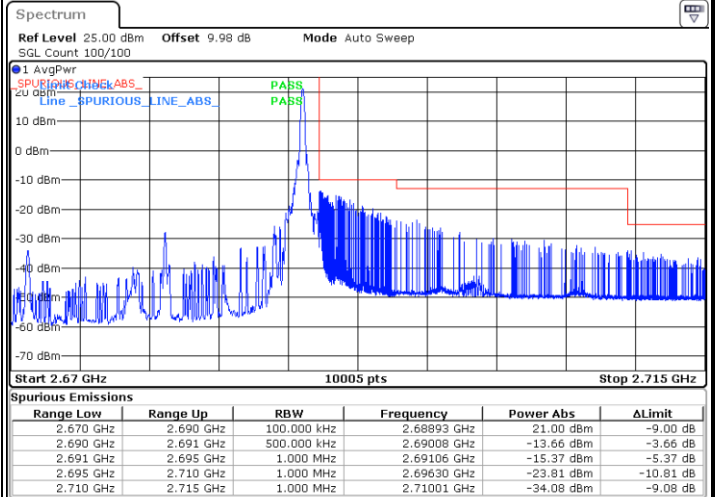
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



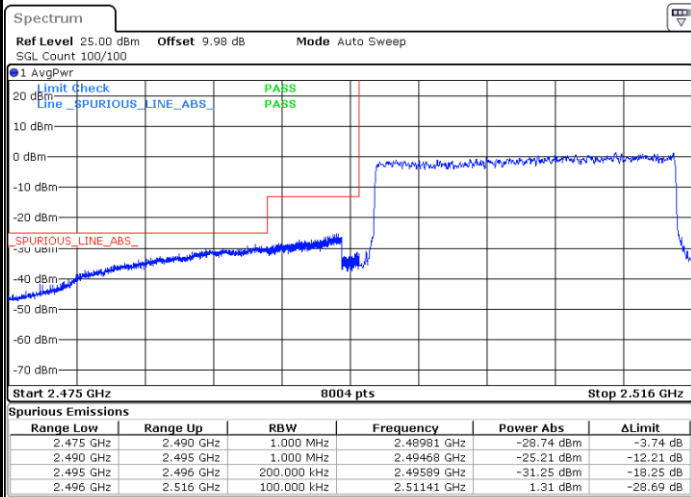
Date: 4.DEC.2022 10:15:33

Highest Band Edge / 1 RB



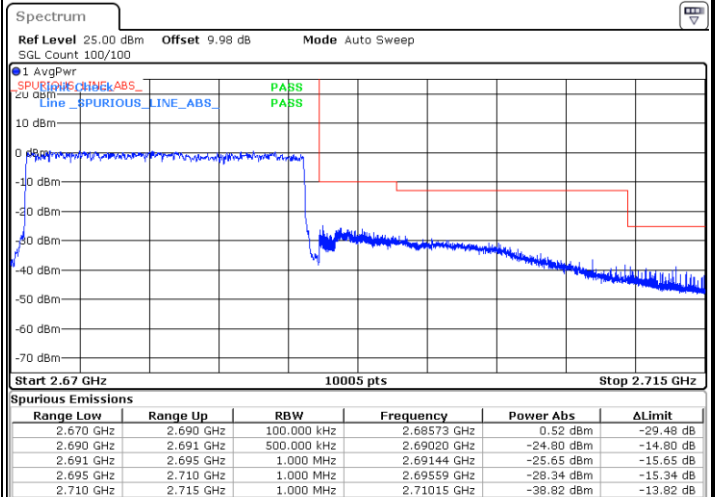
Date: 4.DEC.2022 10:30:13

Lowest Band Edge / Full RB



Date: 4.DEC.2022 10:20:58

Highest Band Edge / Full RB

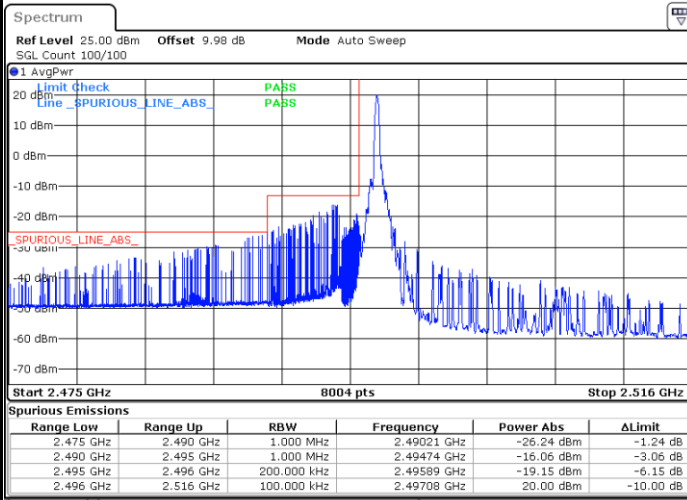


Date: 4.DEC.2022 10:35:40



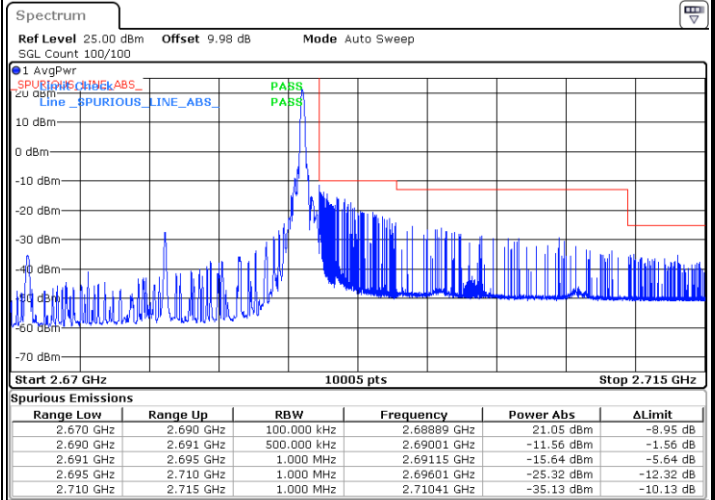
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



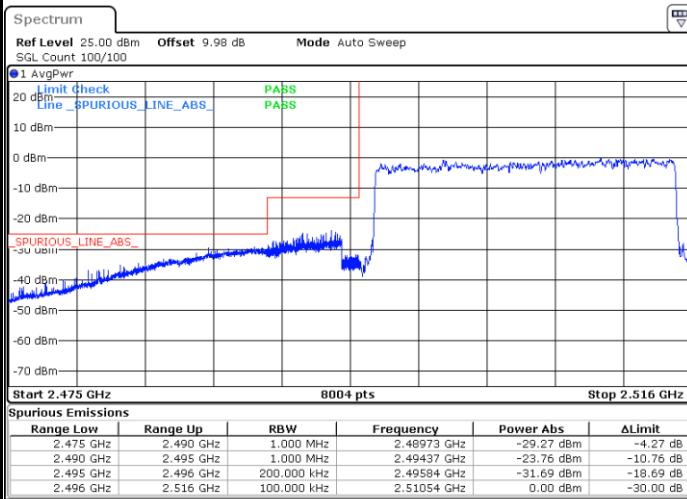
Date: 4.DEC.2022 10:16:54

Highest Band Edge / 1 RB



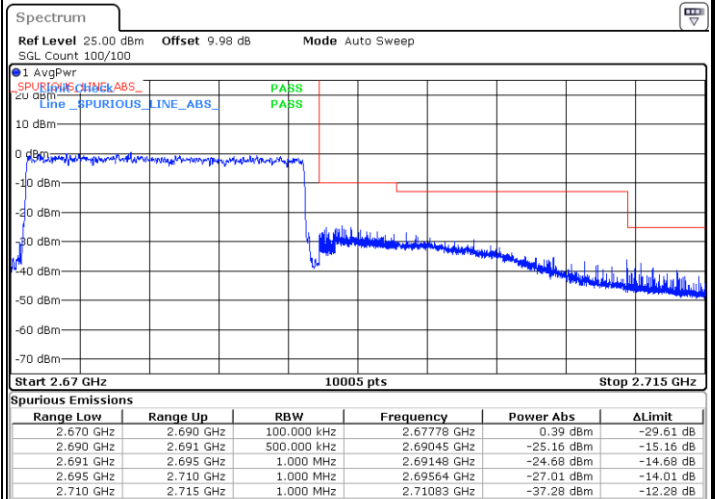
Date: 4.DEC.2022 10:31:33

Lowest Band Edge / Full RB



Date: 4.DEC.2022 10:22:19

Highest Band Edge / Full RB

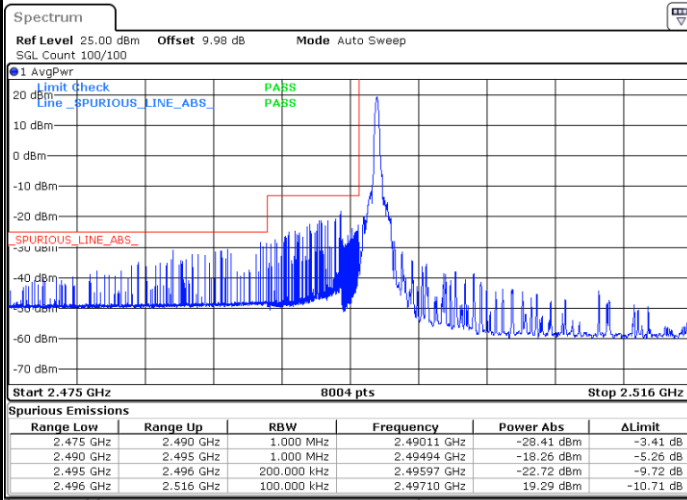


Date: 4.DEC.2022 10:37:00



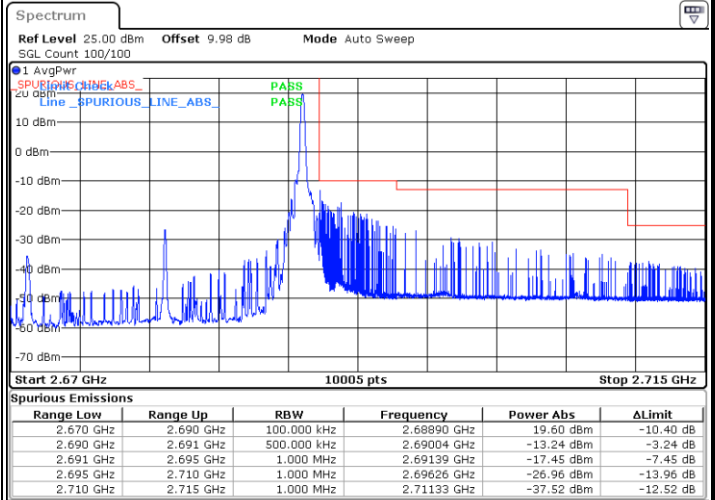
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



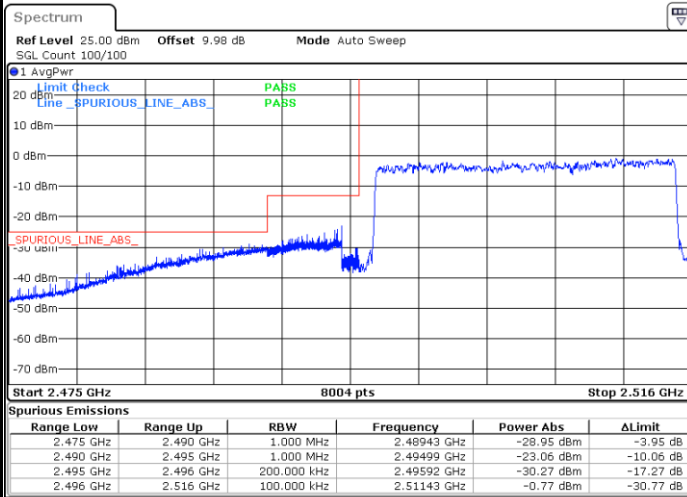
Date: 4.DEC.2022 10:18:14

Highest Band Edge / 1 RB



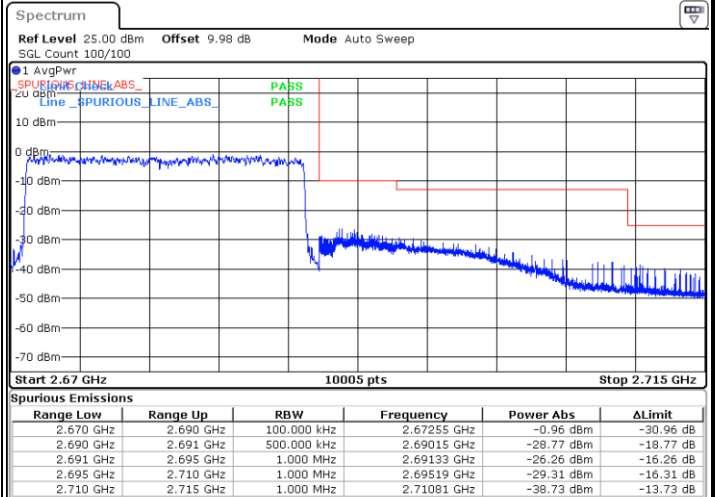
Date: 4.DEC.2022 10:32:53

Lowest Band Edge / Full RB



Date: 4.DEC.2022 10:23:39

Highest Band Edge / Full RB

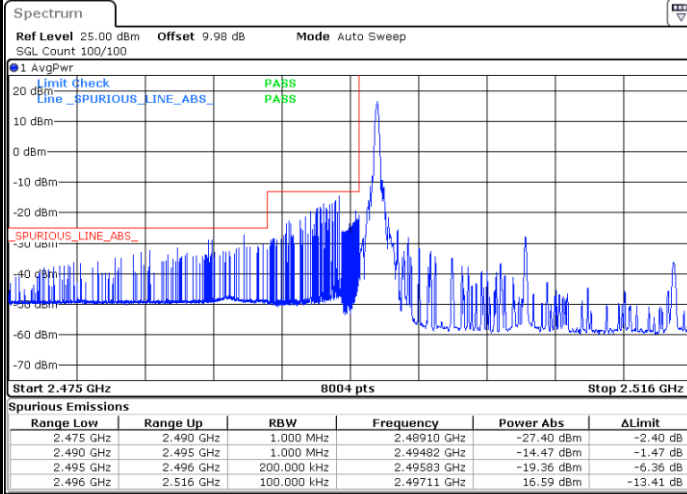


Date: 4.DEC.2022 10:38:20



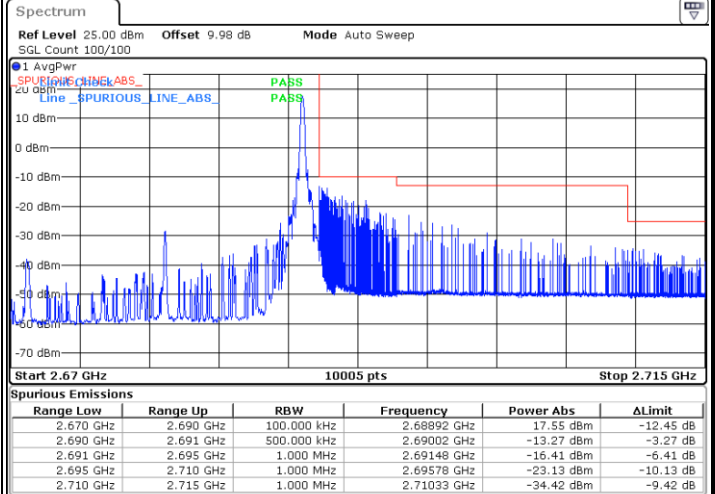
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1RB



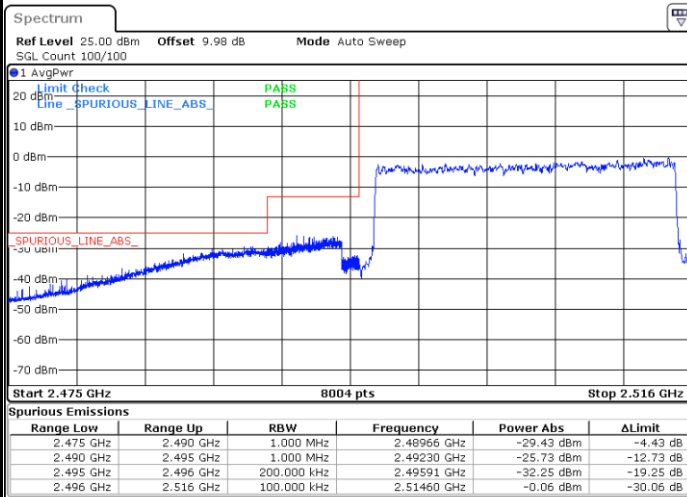
Date: 4.DEC.2022 10:19:35

Highest Band Edge / 1 RB



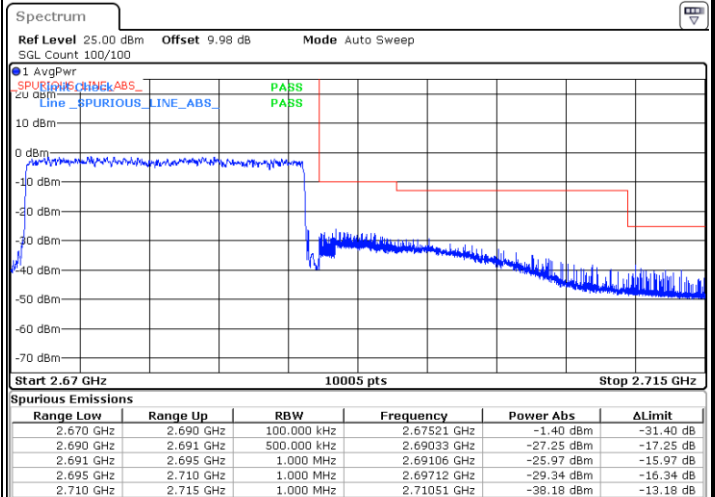
Date: 4.DEC.2022 10:34:13

Lowest Band Edge / Full RB



Date: 4.DEC.2022 10:25:00

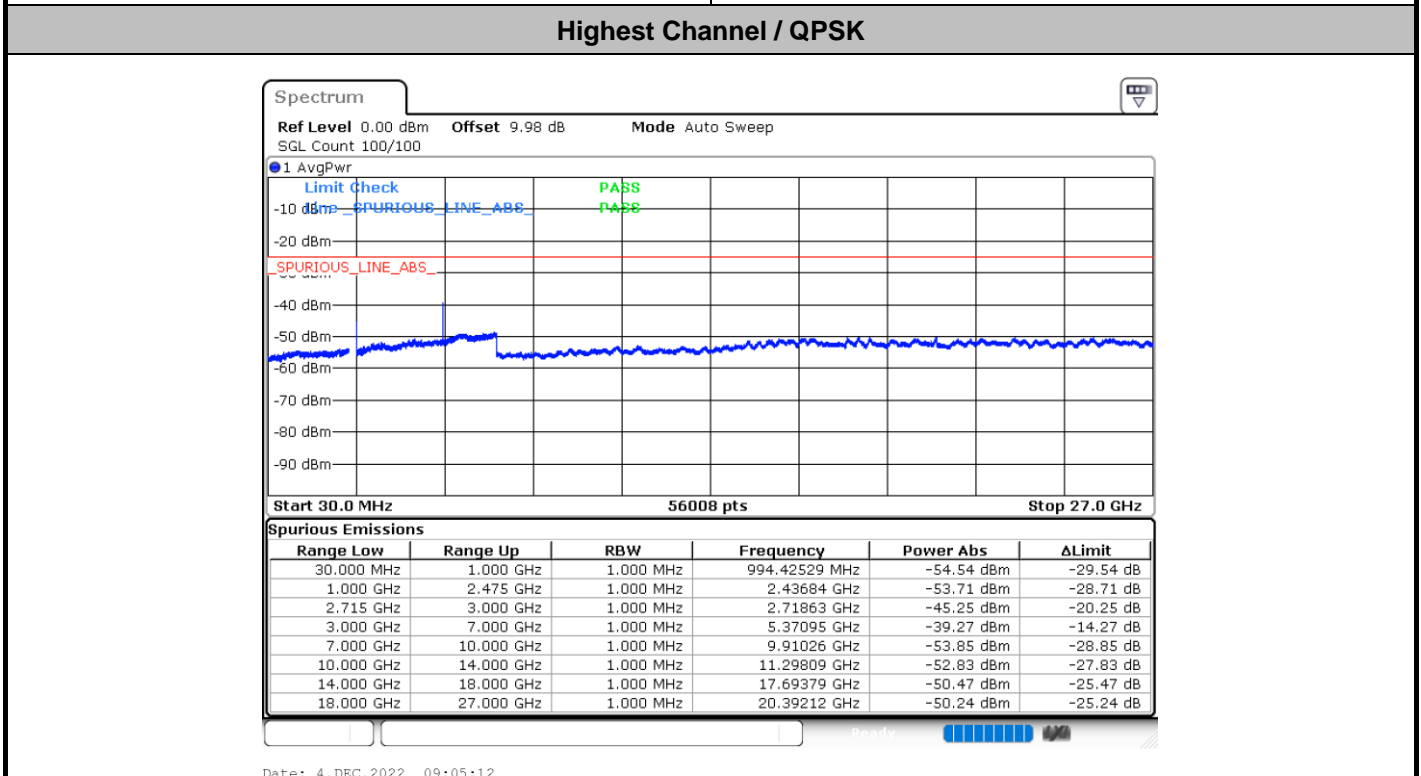
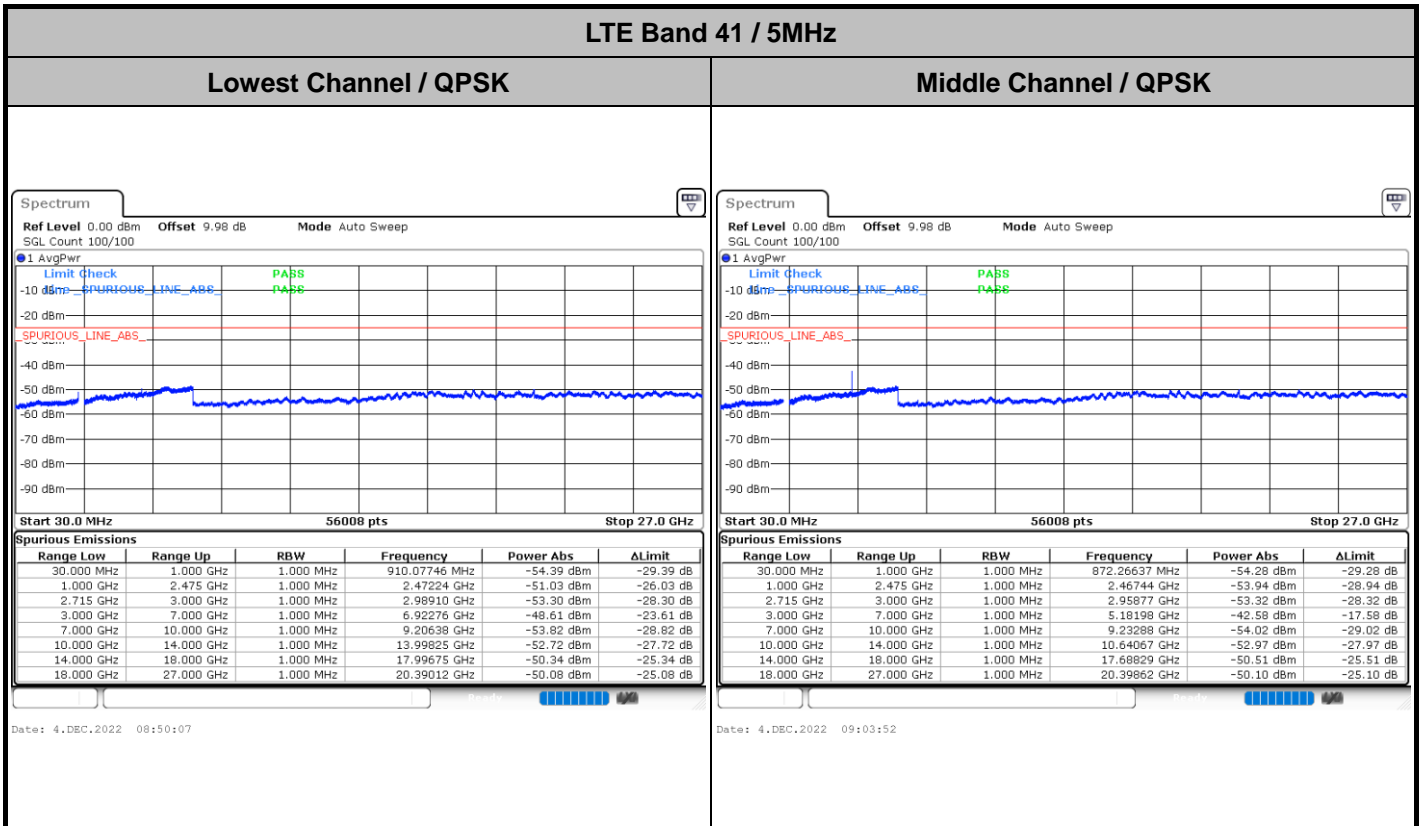
Highest Band Edge / Full RB



Date: 4.DEC.2022 10:39:40



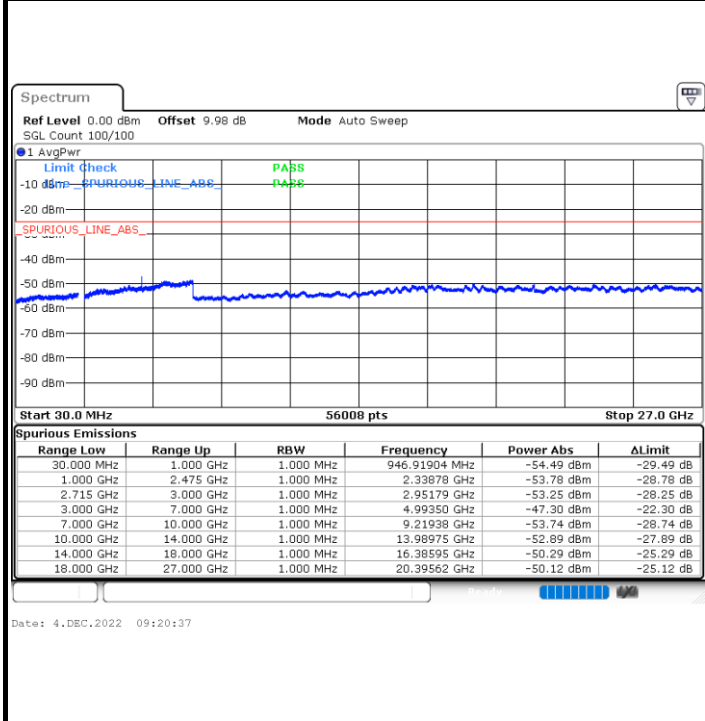
Conducted Spurious Emission



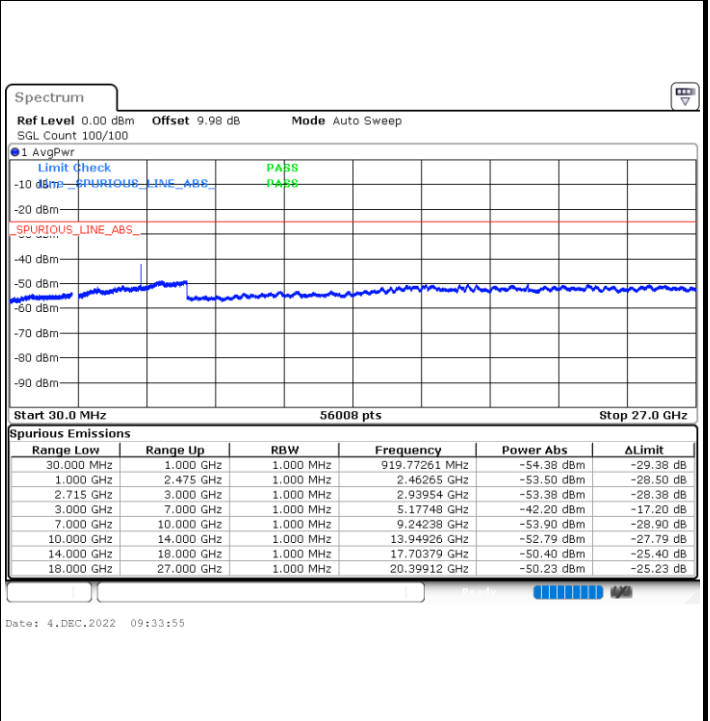


LTE Band 41 / 10MHz

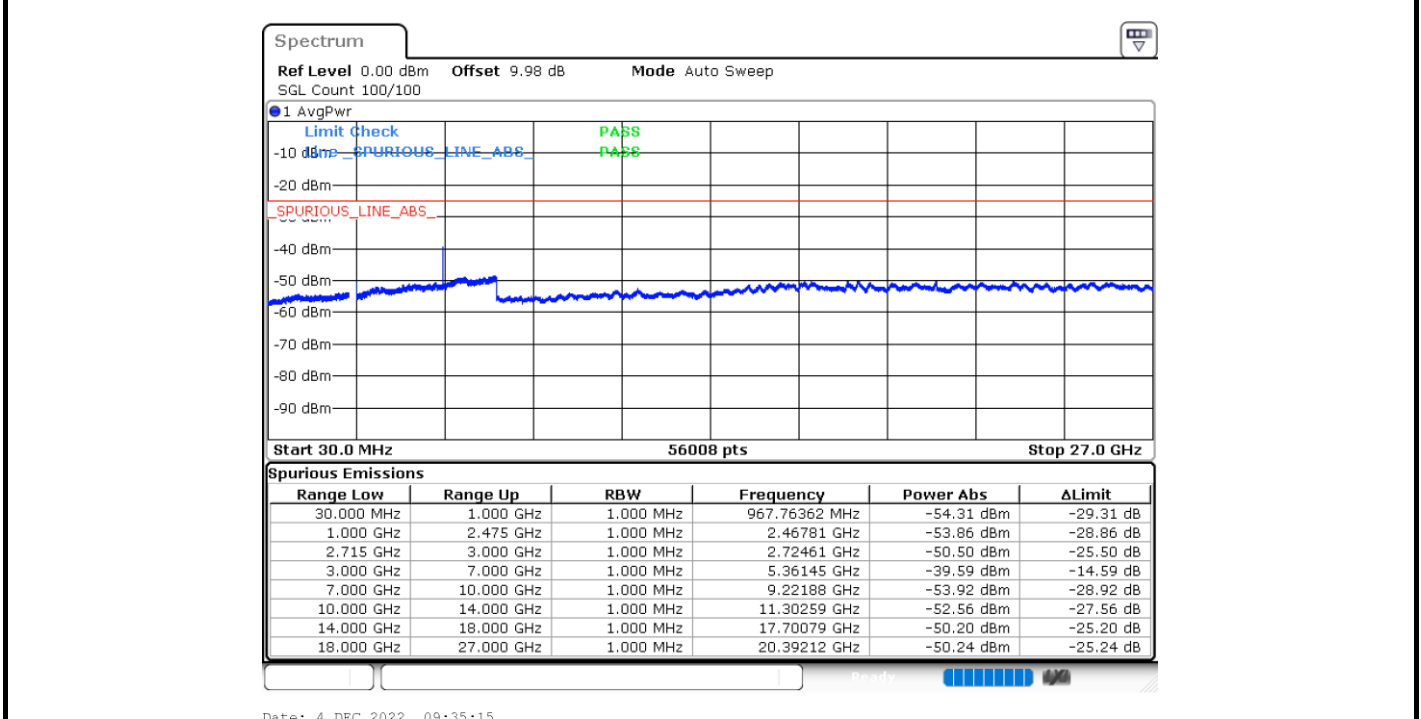
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

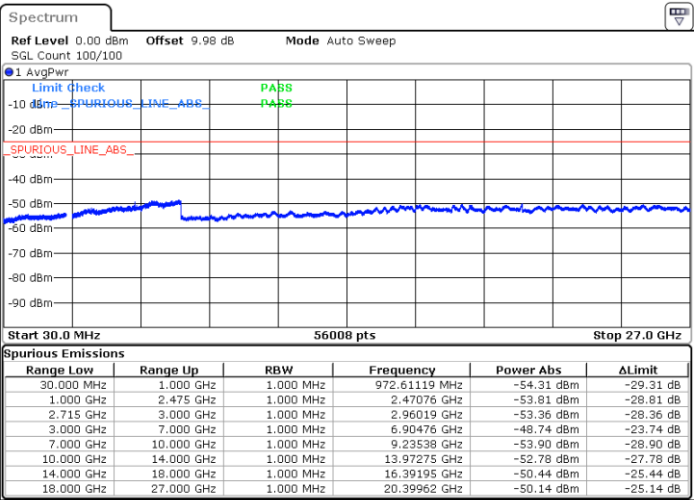
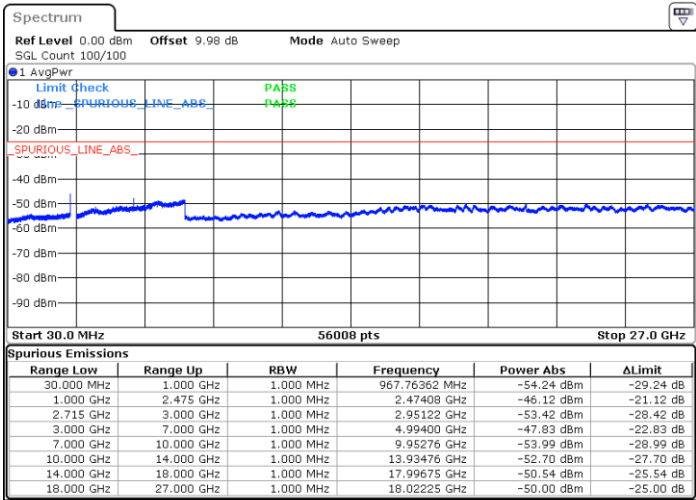




LTE Band 41 / 15MHz

Lowest Channel / QPSK

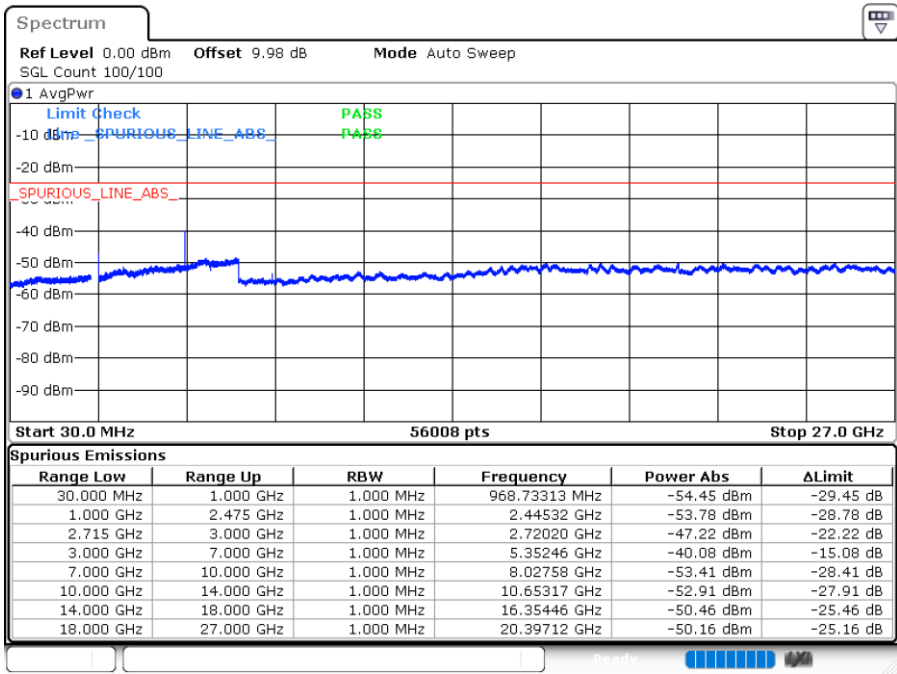
Middle Channel / QPSK



Date: 4_DEC.2022 09:48:24

Date: 4_DEC.2022 10:00:29

Highest Channel / QPSK

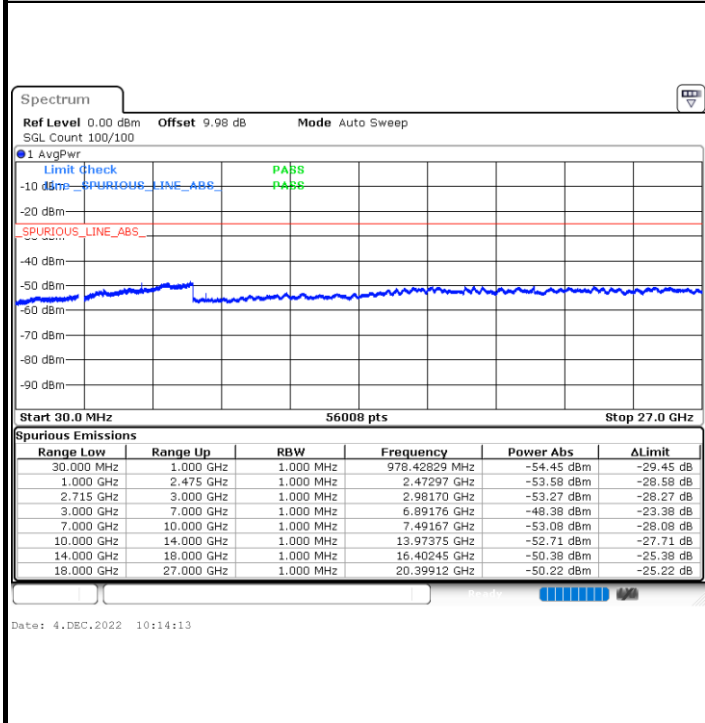


Date: 4_DEC.2022 10:01:48

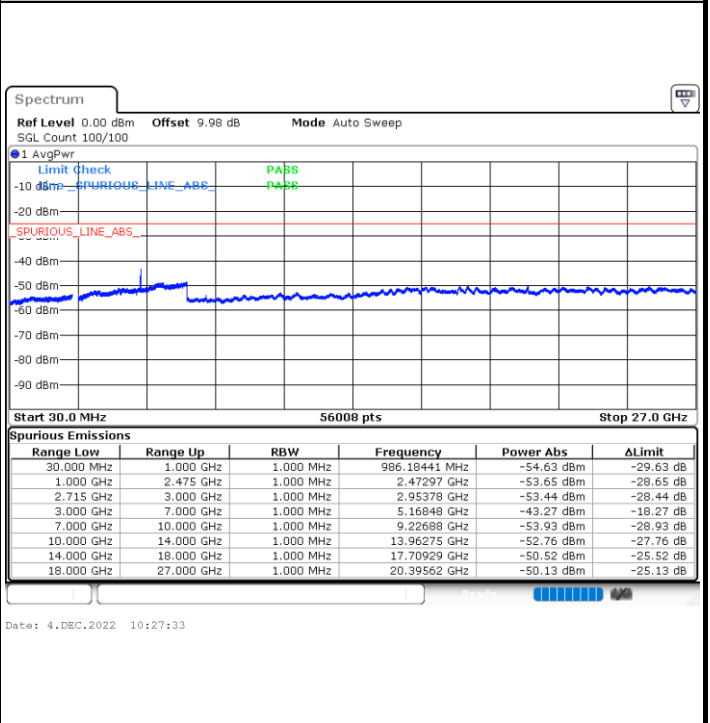


LTE Band 41 / 20MHz

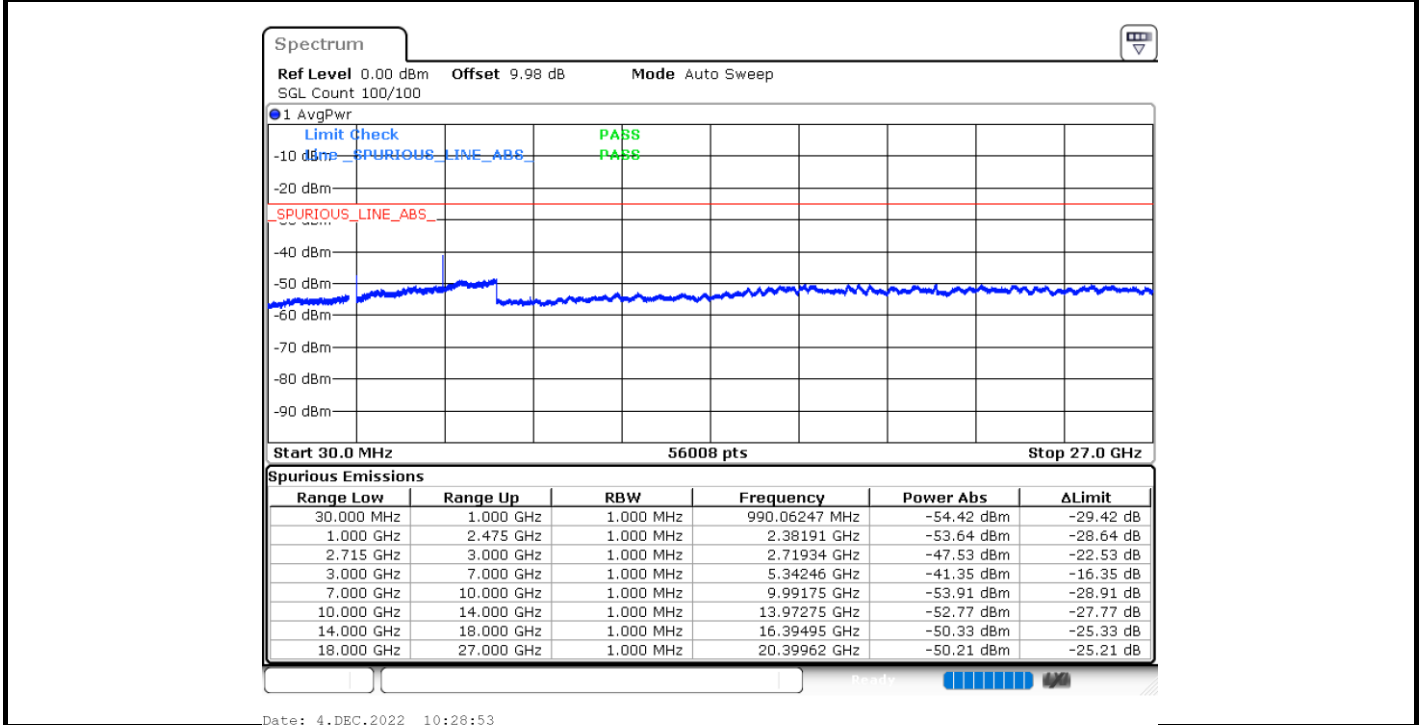
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK





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	0.0022	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Note:

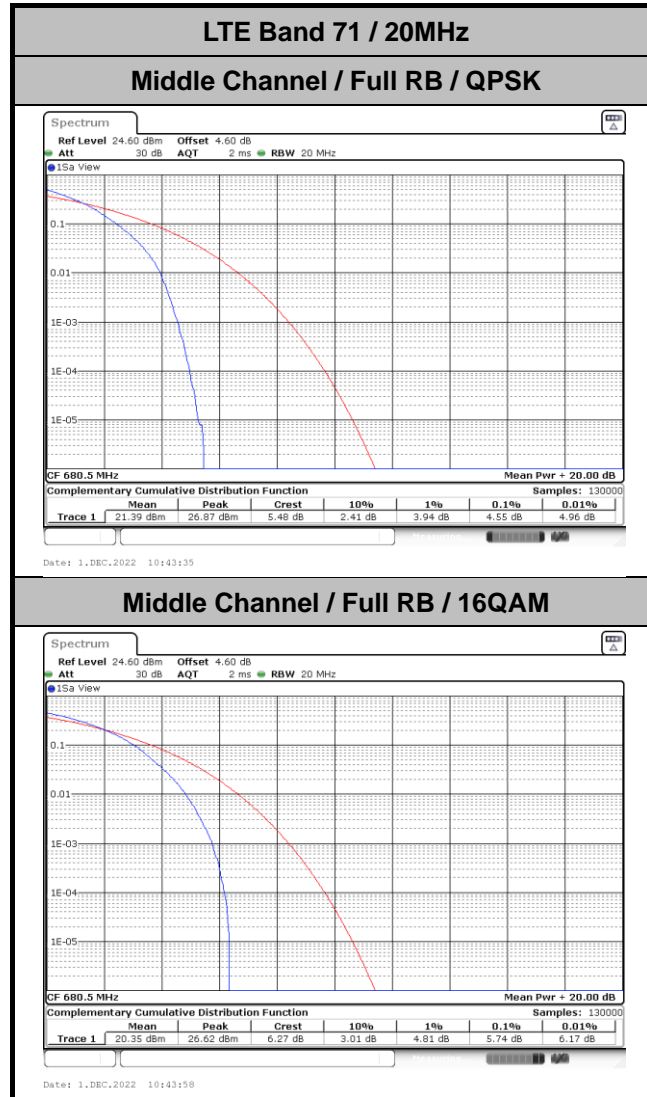
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.51V.
2. The frequency fundamental emissions stay within the authorized frequency block.

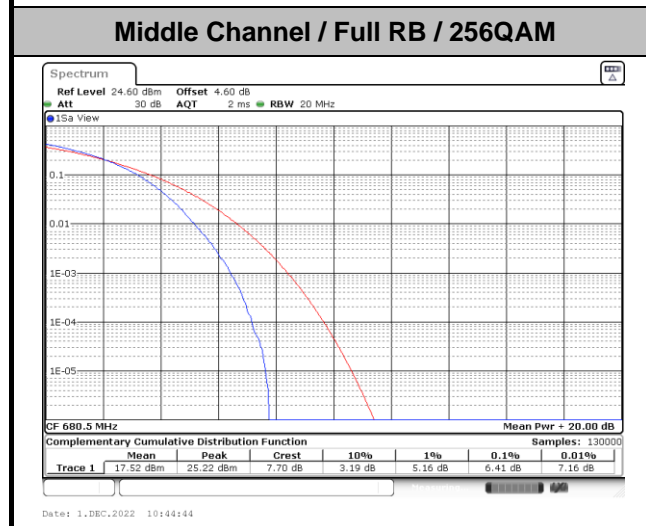
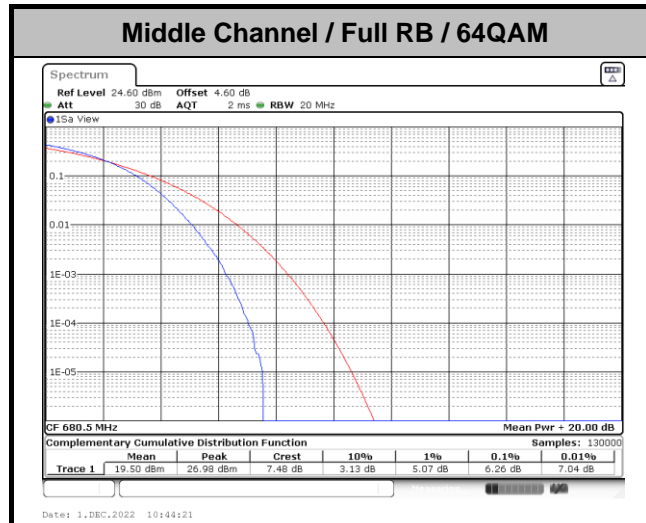


LTE Band 71

Peak-to-Average Ratio

Mode	LTE Band 71 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.55	5.74	6.26	6.41	PASS

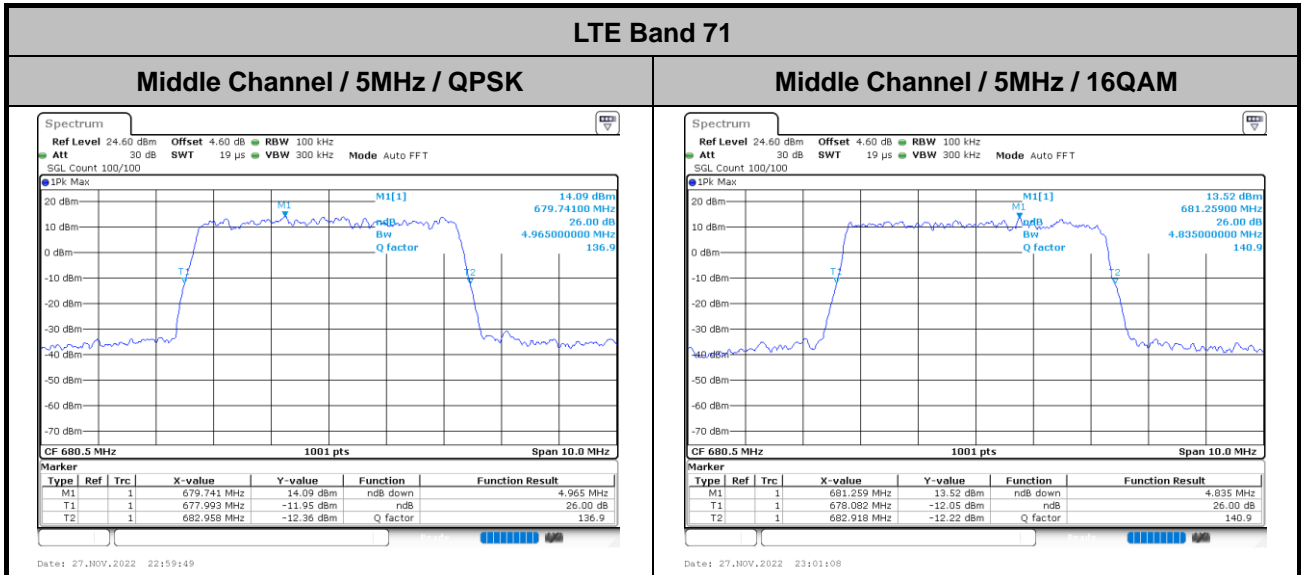






26dB Bandwidth

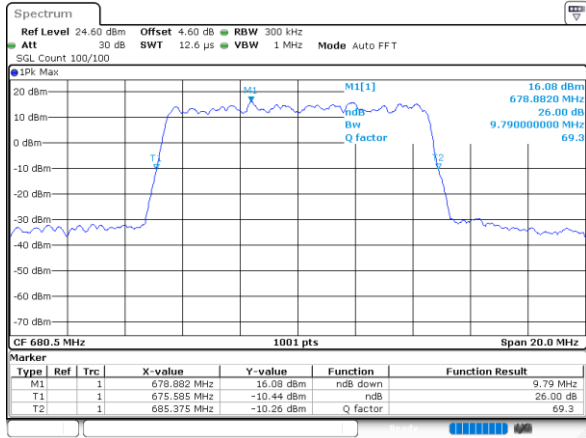
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.97	4.84
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.79	9.83
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.60	14.18
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.06	20.10





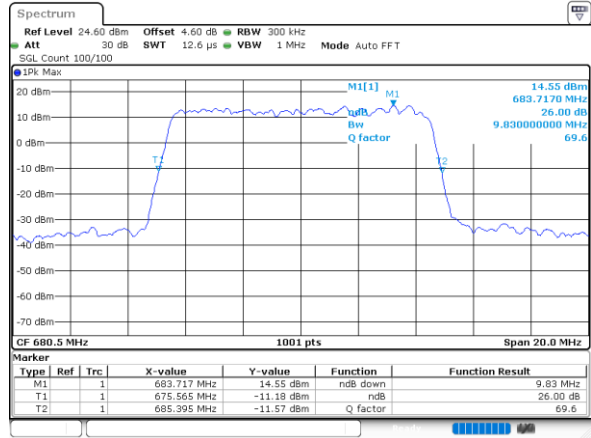
LTE Band 71

Middle Channel / 10MHz / QPSK



Date: 27.NOV.2022 23:26:49

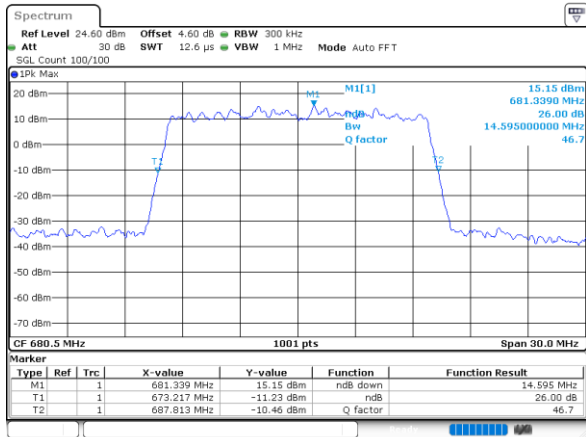
Middle Channel / 10MHz / 16QAM



Date: 27.NOV.2022 23:27:53

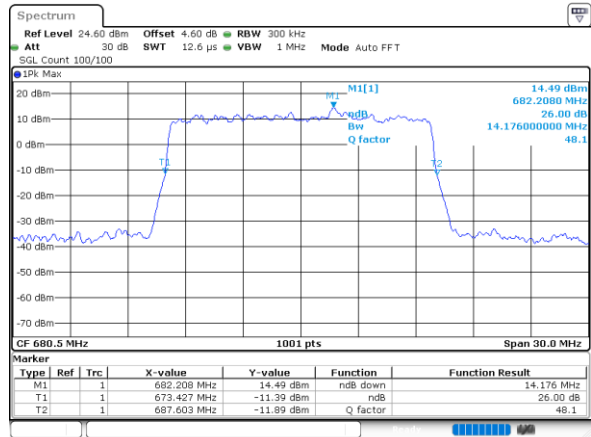
LTE Band 71

Middle Channel / 15MHz / QPSK



Date: 27.NOV.2022 23:49:40

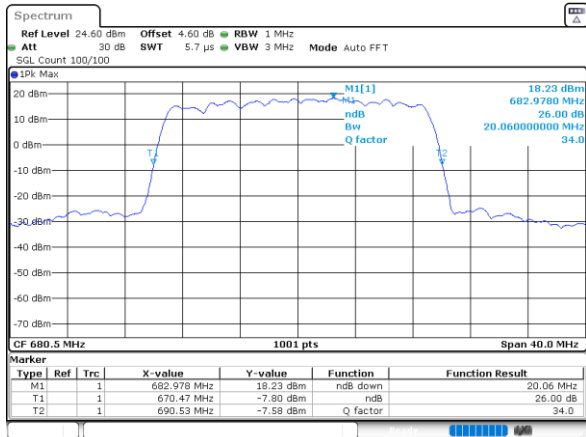
Middle Channel / 15MHz / 16QAM



Date: 27.NOV.2022 23:50:59

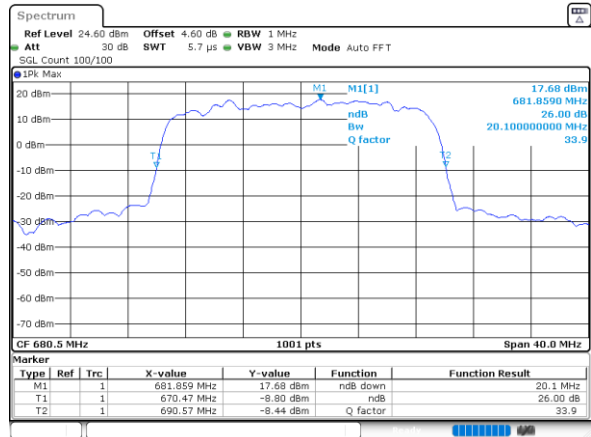
LTE Band 71

Middle Channel / 20MHz / QPSK



Date: 1.DEC.2022 10:42:29

Middle Channel / 20MHz / 16QAM

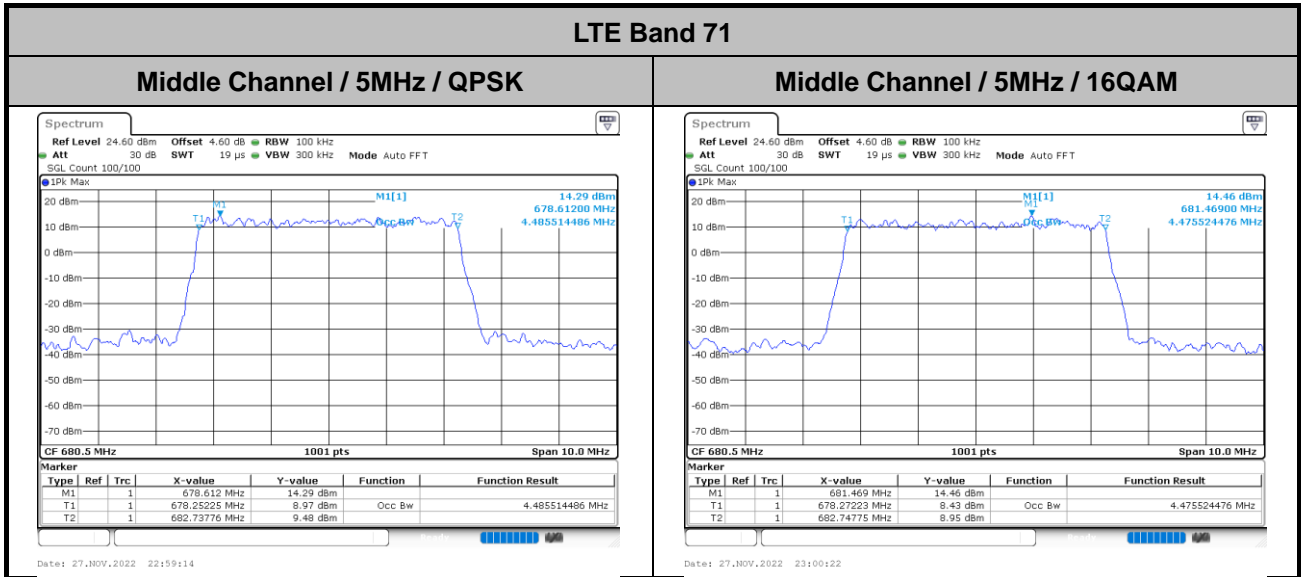


Date: 1.DEC.2022 10:42:51



Occupied Bandwidth

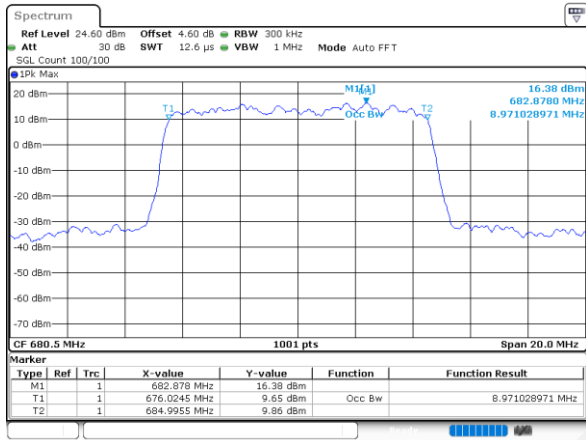
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.49	4.48
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	8.97	9.01
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.43	13.40
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.22	18.22





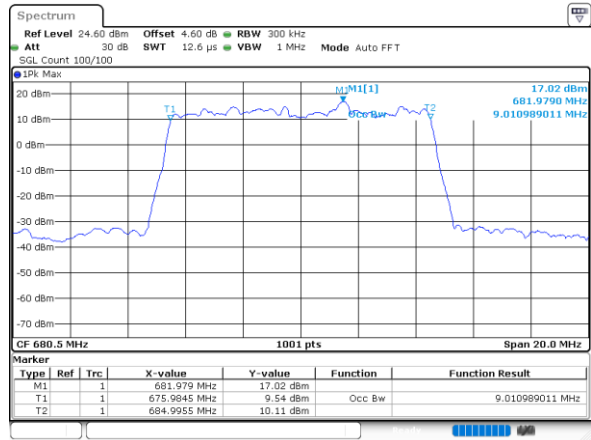
LTE Band 71

Middle Channel / 10MHz / QPSK



Date: 27.NOV.2022 23:26:06

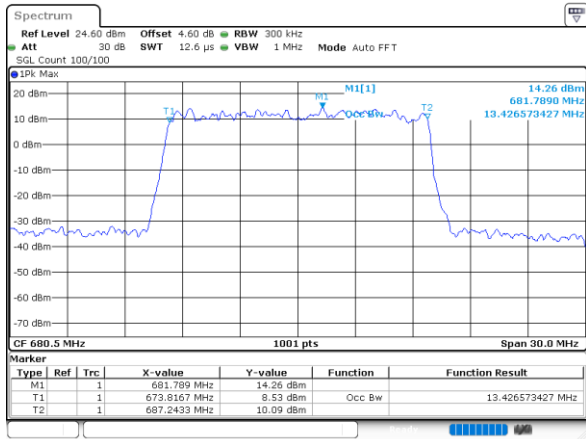
Middle Channel / 10MHz / 16QAM



Date: 27.NOV.2022 23:27:26

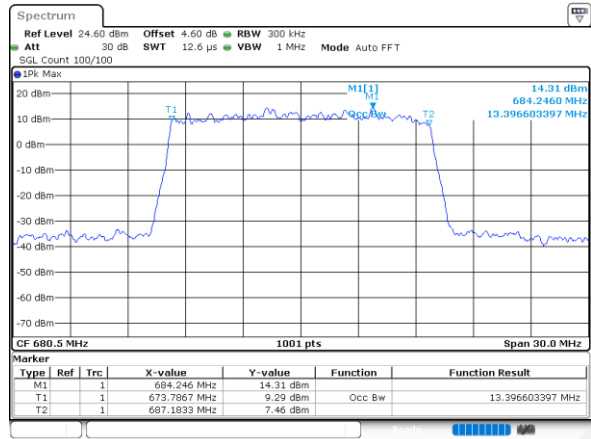
LTE Band 71

Middle Channel / 15MHz / QPSK



Date: 27.NOV.2022 23:49:07

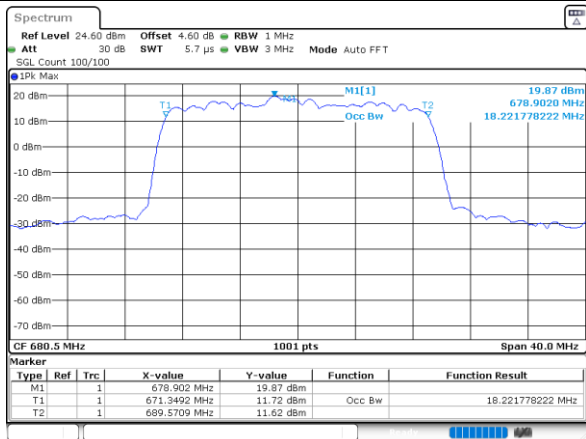
Middle Channel / 15MHz / 16QAM



Date: 27.NOV.2022 23:50:24

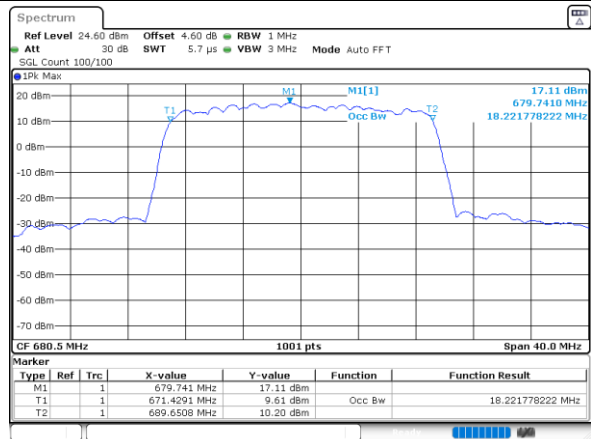
LTE Band 71

Middle Channel / 20MHz / QPSK



Date: 1.DEC.2022 10:42:08

Middle Channel / 20MHz / 16QAM



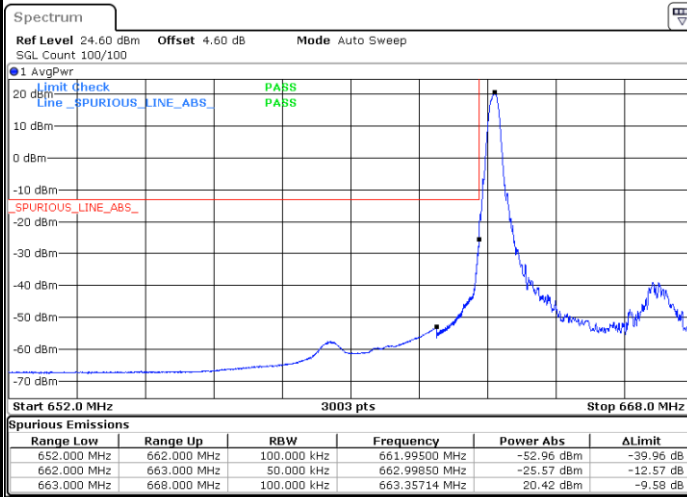
Date: 1.DEC.2022 10:43:12



Conducted Band Edge

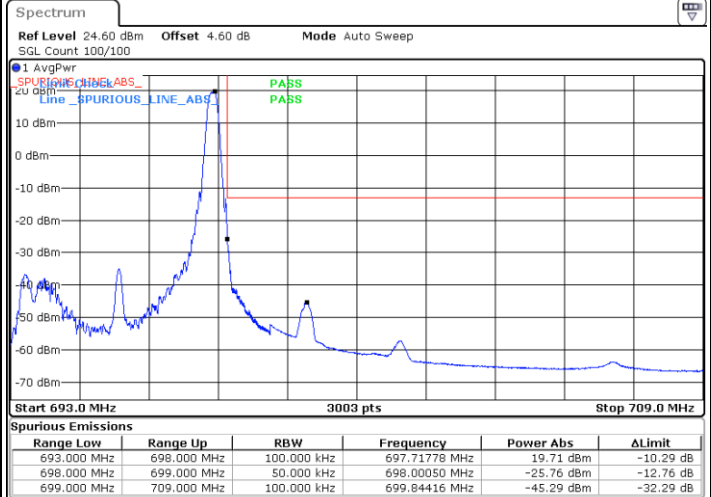
LTE Band 71 / 5MHz / QPSK

Lowest Band Edge / 1 RB



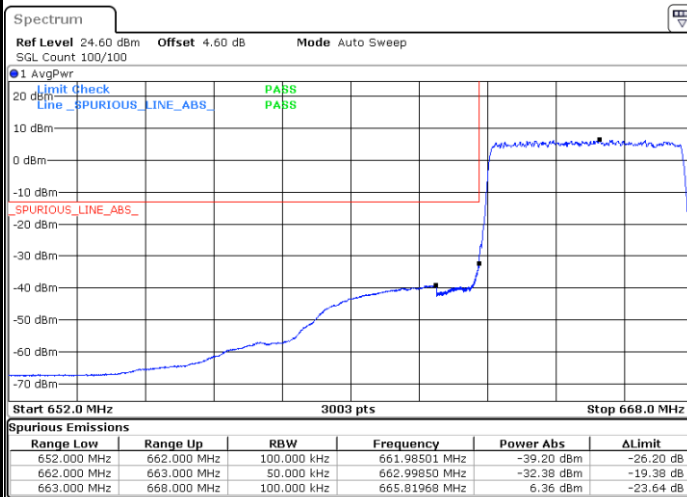
Date: 27.NOV.2022 22:32:58

Highest Band Edge / 1 RB



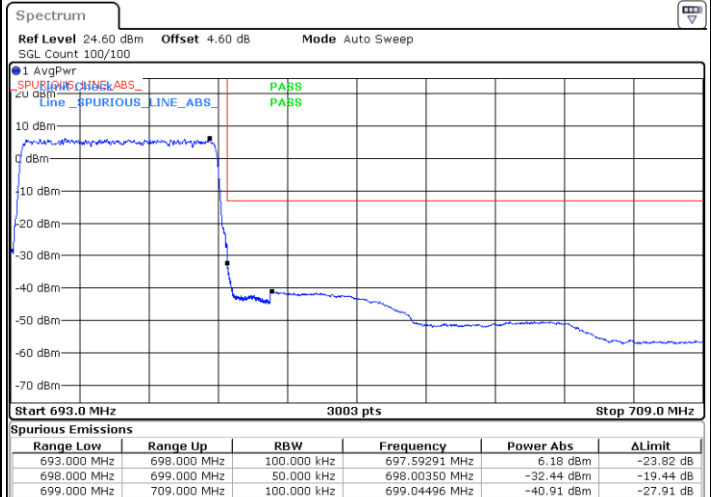
Date: 27.NOV.2022 22:55:35

Lowest Band Edge / Full RB



Date: 27.NOV.2022 22:45:52

Highest Band Edge / Full RB

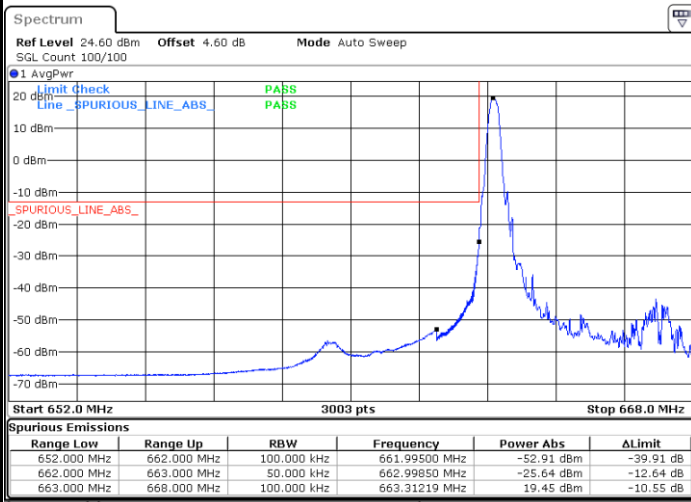


Date: 27.NOV.2022 22:47:08



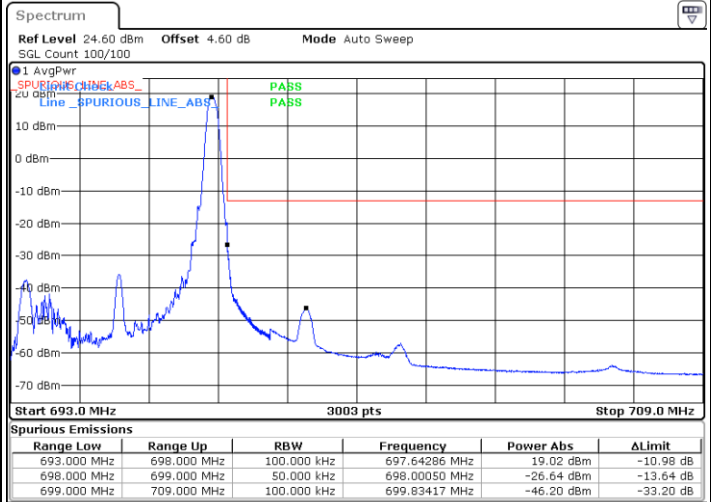
LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



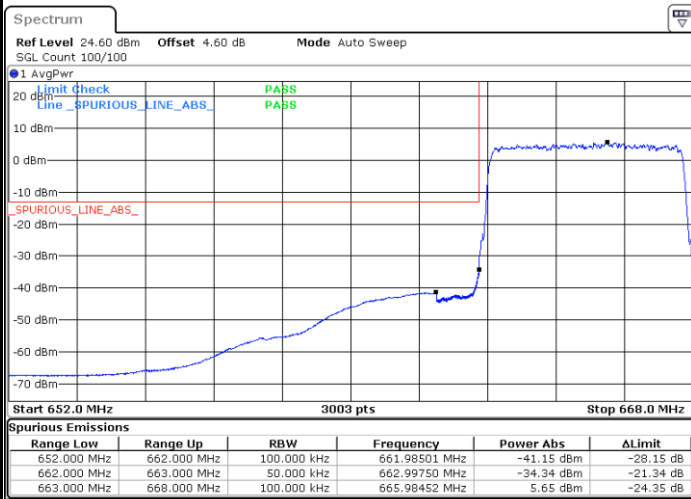
Date: 27.NOV.2022 22:35:57

Highest Band Edge / 1 RB



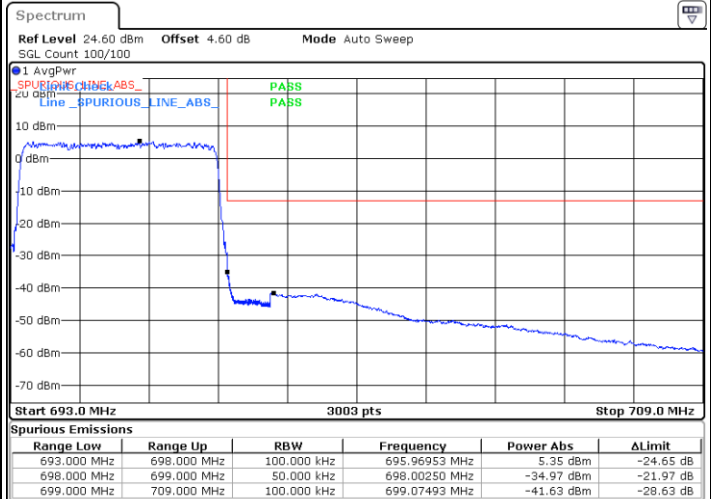
Date: 27.NOV.2022 22:54:25

Lowest Band Edge / Full RB



Date: 27.NOV.2022 22:44:06

Highest Band Edge / Full RB

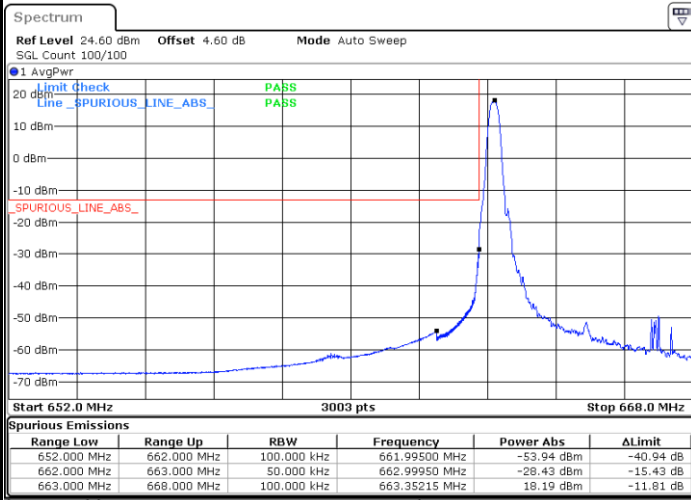


Date: 27.NOV.2022 22:48:14



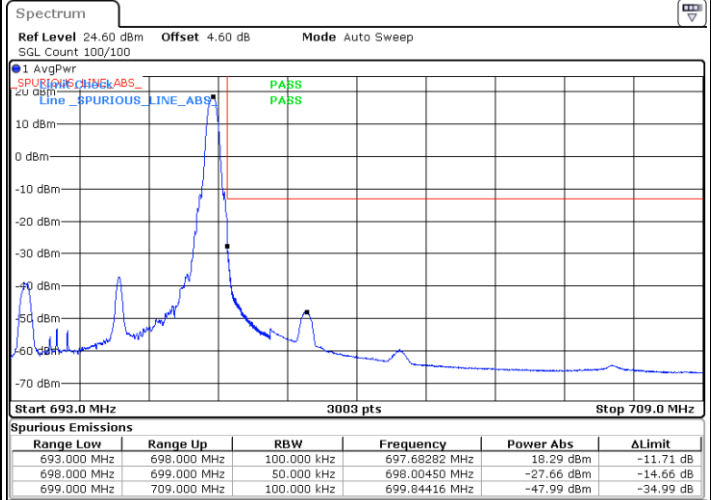
LTE Band 71 / 5MHz / 64QAM

Lowest Band Edge / 1RB



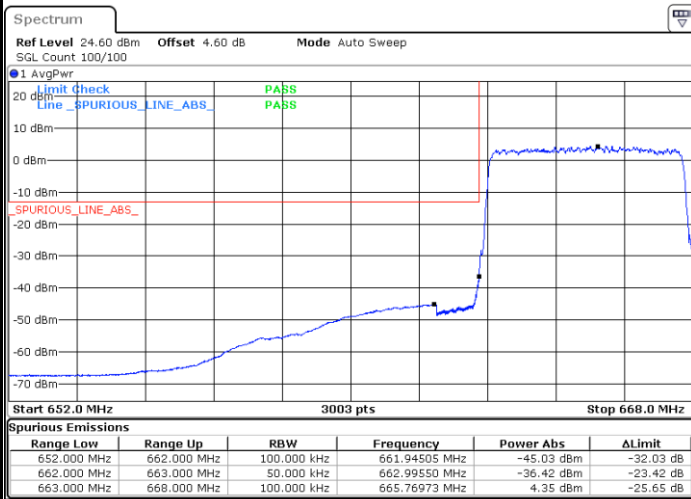
Date: 27.NOV.2022 22:37:34

Highest Band Edge / 1 RB



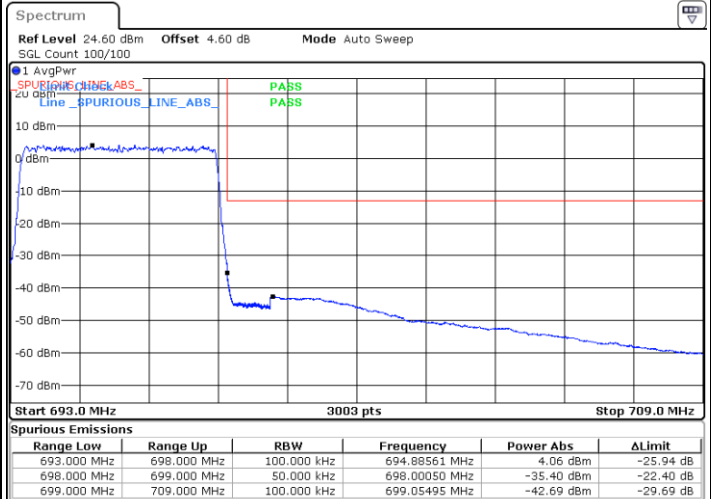
Date: 27.NOV.2022 22:53:07

Lowest Band Edge / Full RB



Date: 27.NOV.2022 22:43:04

Highest Band Edge / Full RB

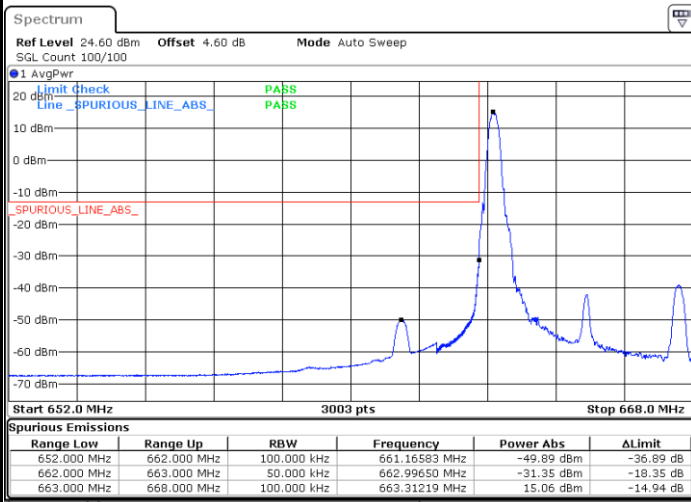


Date: 27.NOV.2022 22:49:21



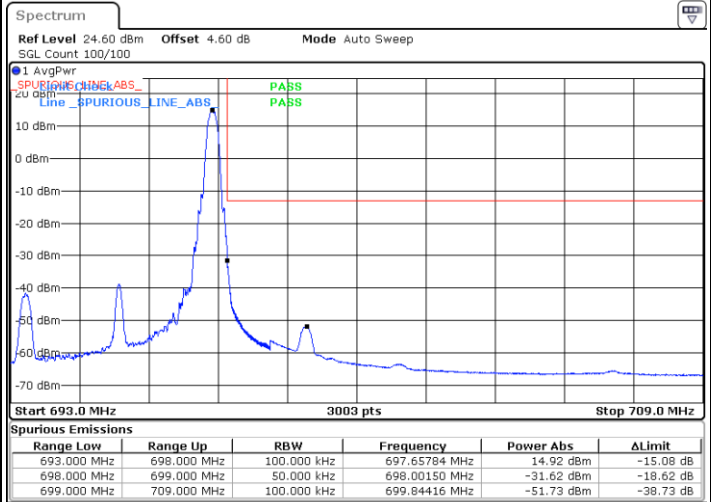
LTE Band 71 / 5MHz / 256QAM

Lowest Band Edge / 1RB



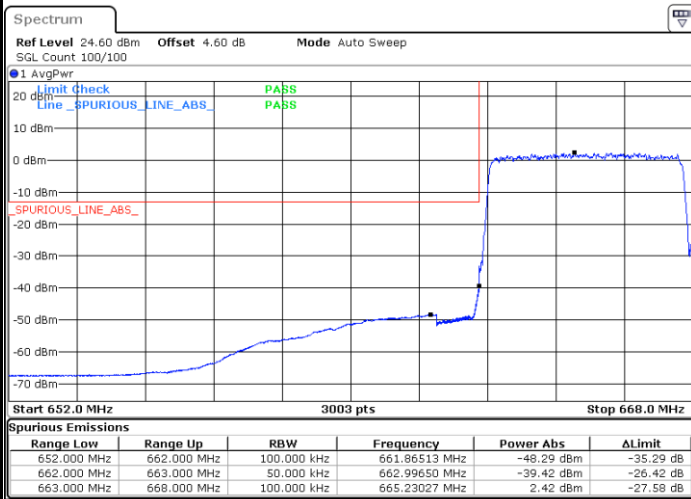
Date: 27.NOV.2022 22:38:50

Highest Band Edge / 1 RB



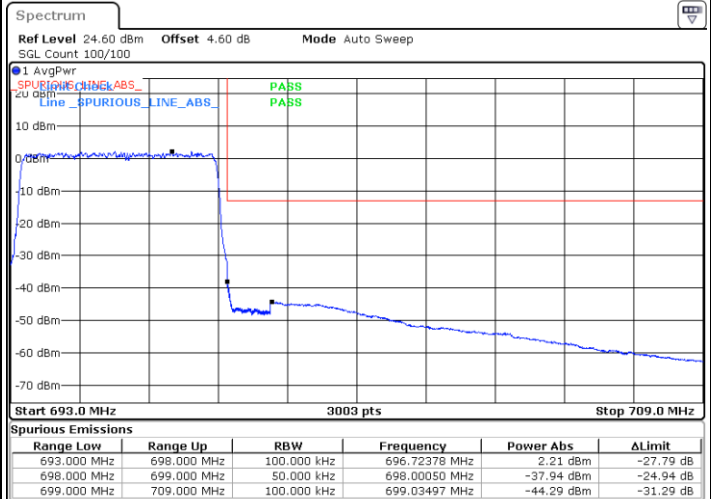
Date: 27.NOV.2022 22:51:57

Lowest Band Edge / Full RB



Date: 27.NOV.2022 22:41:45

Highest Band Edge / Full RB



Date: 27.NOV.2022 22:50:37