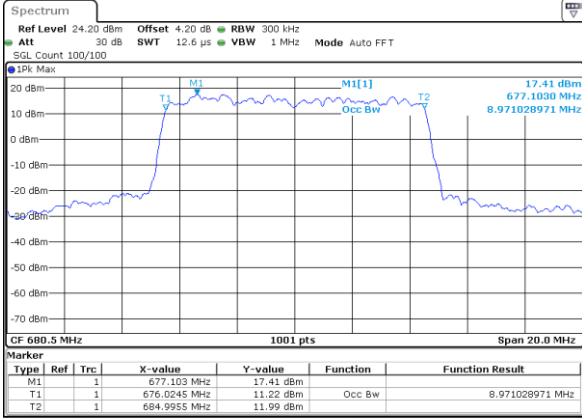




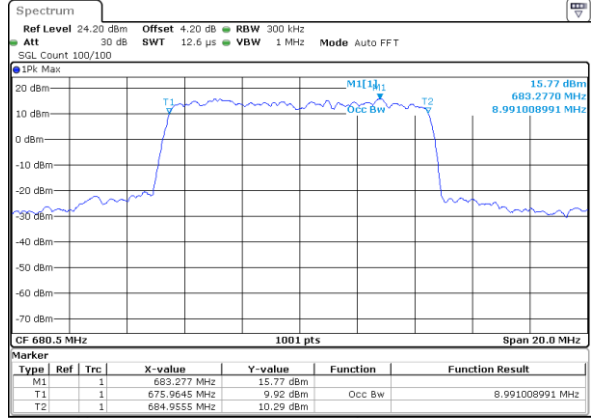
LTE Band 71

Middle Channel / 10MHz / QPSK



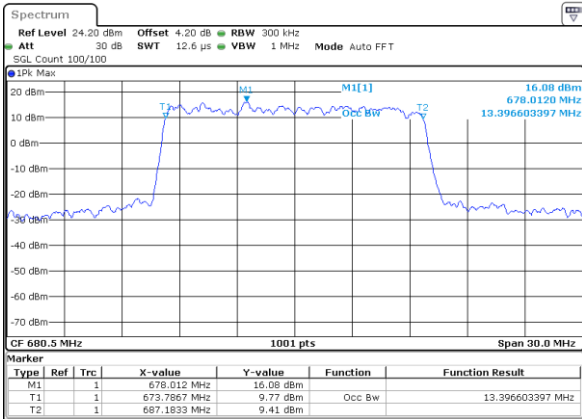
Date: 15 JUN 2022 16:57:08

Middle Channel / 10MHz / 16QAM



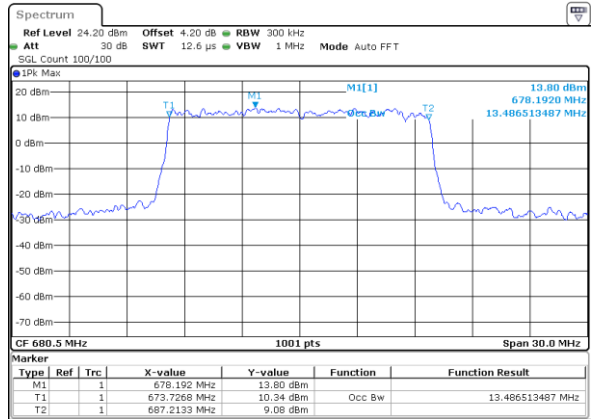
Date: 15 JUN 2022 16:57:57

Middle Channel / 15MHz / QPSK



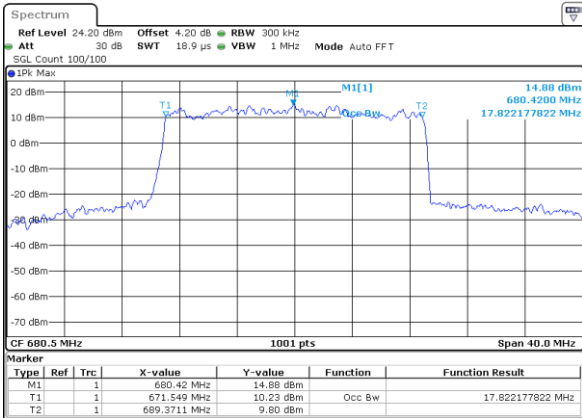
Date: 15 JUN 2022 17:17:12

Middle Channel / 15MHz / 16QAM



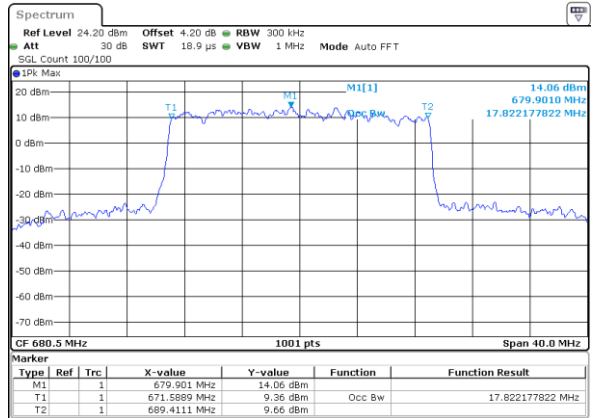
Date: 15 JUN 2022 17:18:15

Middle Channel / 20MHz / QPSK



Date: 15 JUN 2022 18:05:30

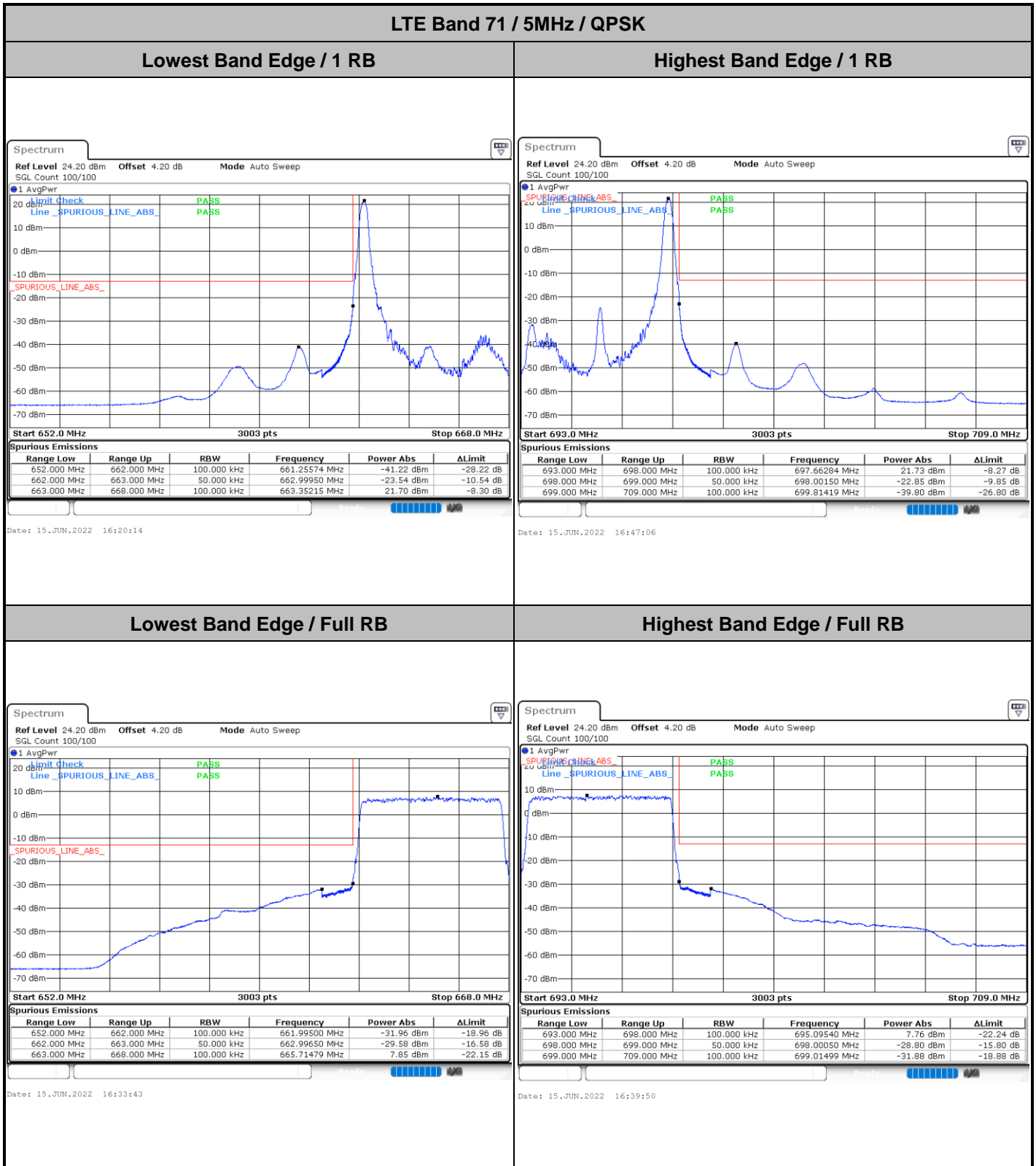
Middle Channel / 20MHz / 16QAM



Date: 15 JUN 2022 18:08:56



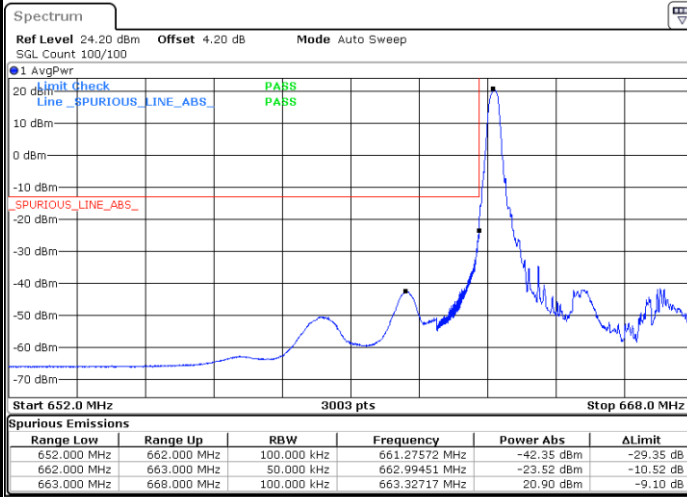
Conducted Band Edge





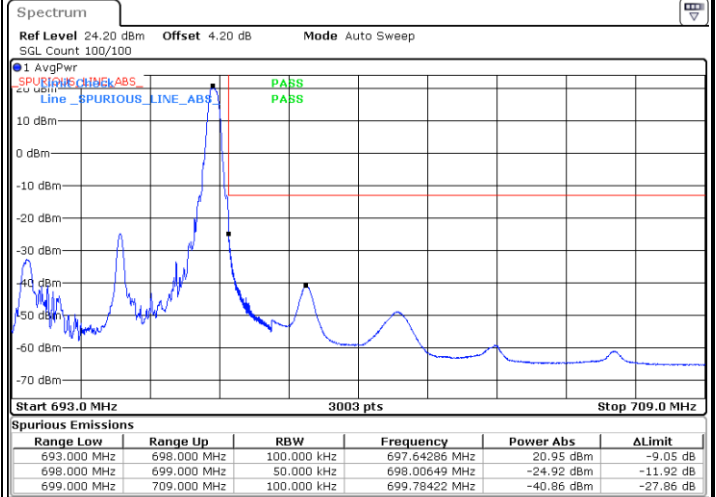
LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



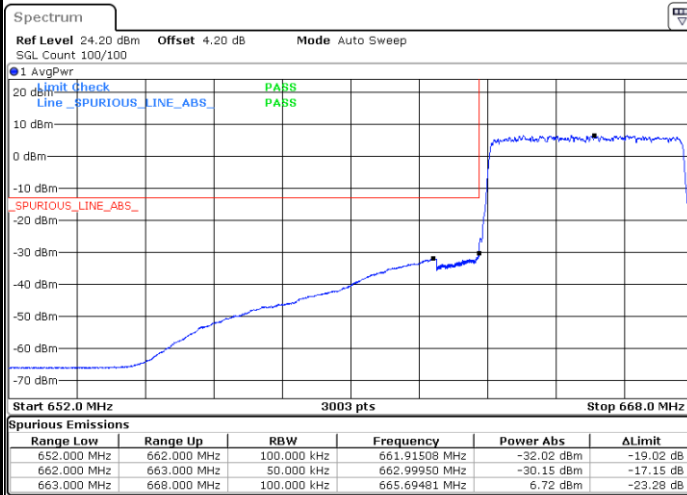
Date: 15 JUN.2022 16:21:41

Highest Band Edge / 1 RB



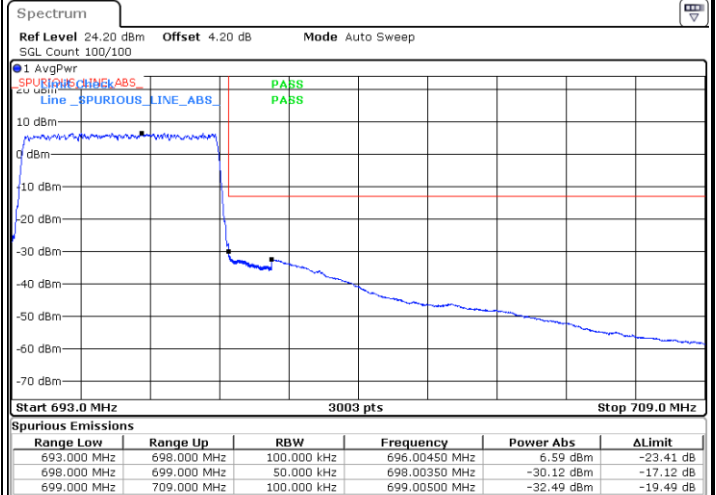
Date: 15 JUN.2022 16:46:09

Lowest Band Edge / Full RB



Date: 15 JUN.2022 16:31:39

Highest Band Edge / Full RB

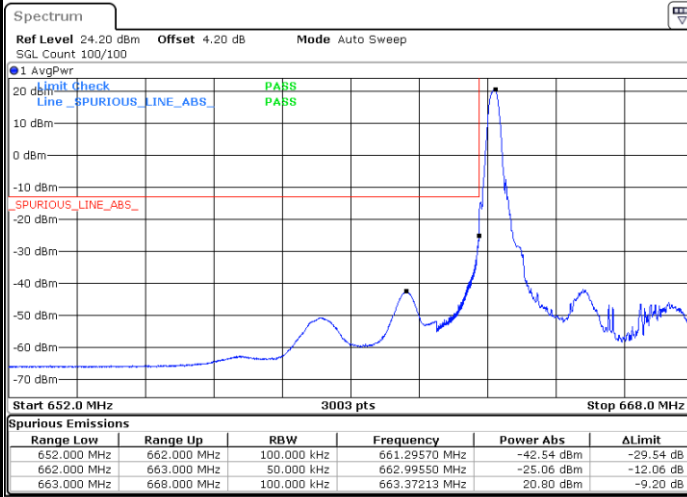


Date: 15 JUN.2022 16:40:51



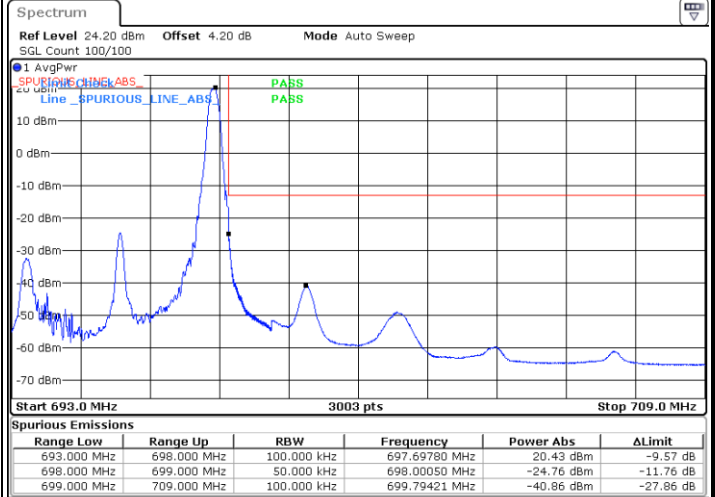
LTE Band 71 / 5MHz / 64QAM

Lowest Band Edge / 1RB



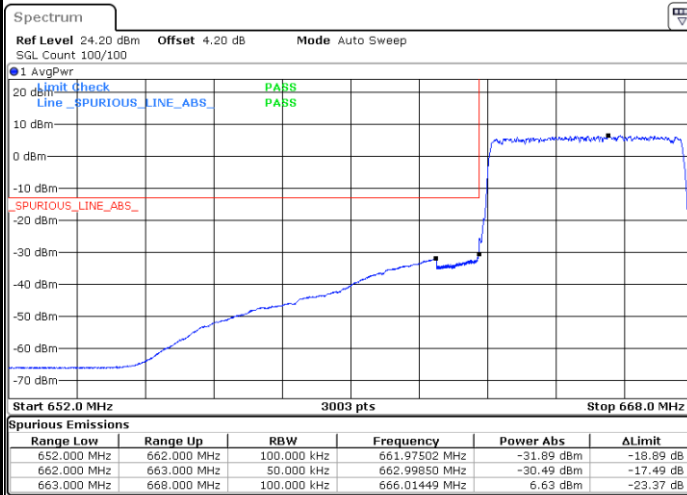
Date: 15 JUN.2022 16:22:47

Highest Band Edge / 1 RB



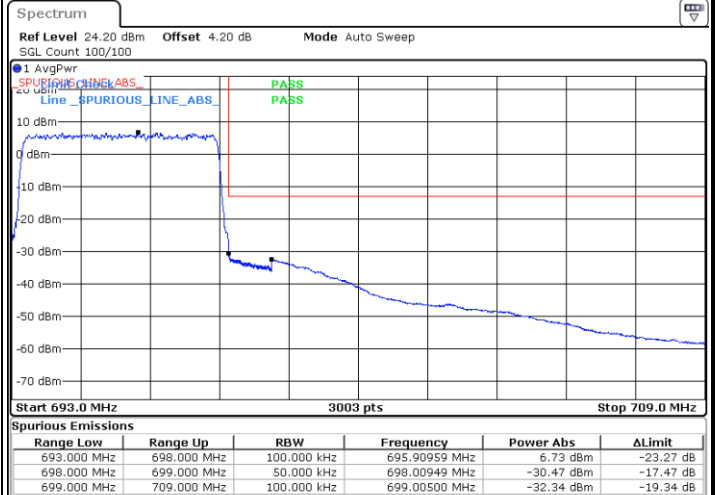
Date: 15 JUN.2022 16:45:11

Lowest Band Edge / Full RB



Date: 15 JUN.2022 16:28:38

Highest Band Edge / Full RB

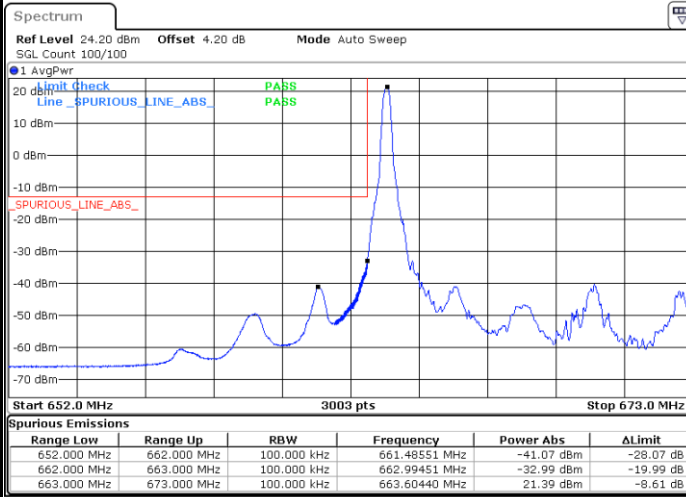


Date: 15 JUN.2022 16:41:52



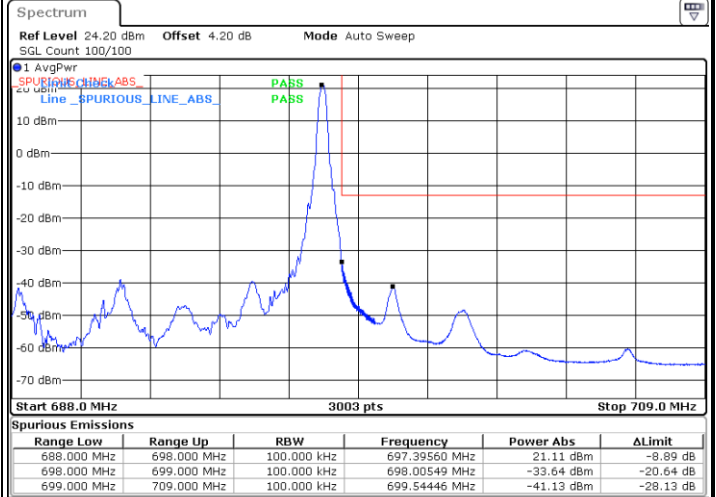
LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / 1 RB



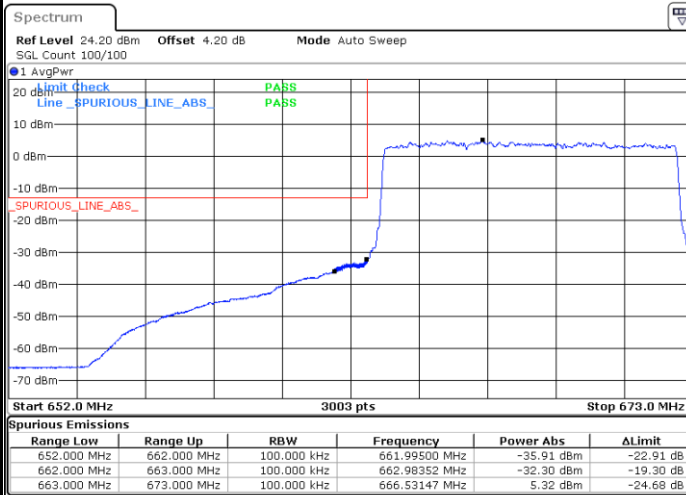
Date: 15 JUN.2022 16:48:49

Highest Band Edge / 1 RB



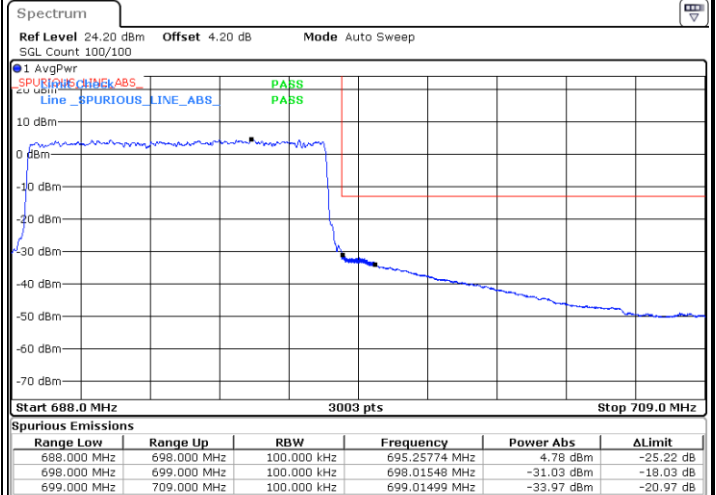
Date: 15 JUN.2022 17:05:16

Lowest Band Edge / Full RB



Date: 15 JUN.2022 16:55:50

Highest Band Edge / Full RB

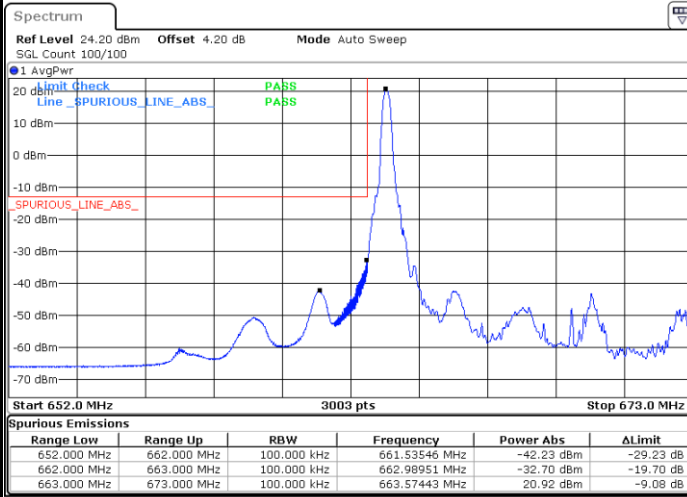


Date: 15 JUN.2022 17:00:03



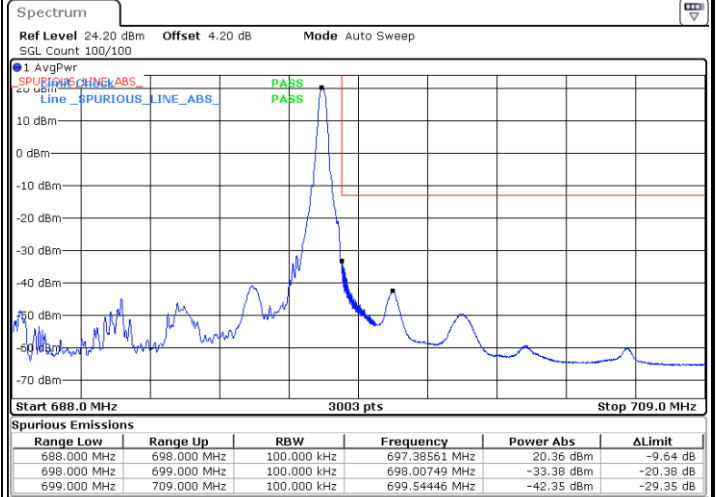
LTE Band 71 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



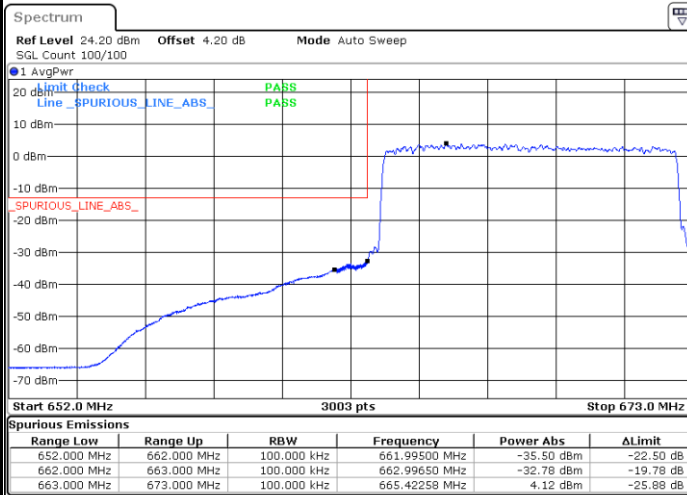
Date: 15 JUN.2022 16:49:40

Highest Band Edge / 1 RB



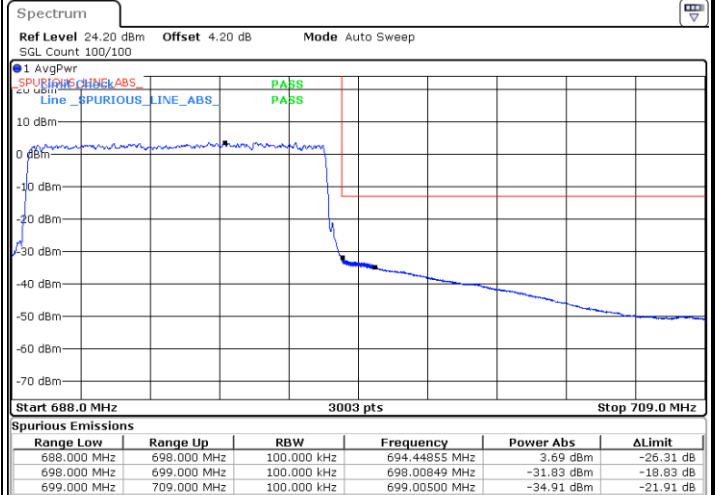
Date: 15 JUN.2022 17:04:14

Lowest Band Edge / Full RB



Date: 15 JUN.2022 16:54:34

Highest Band Edge / Full RB

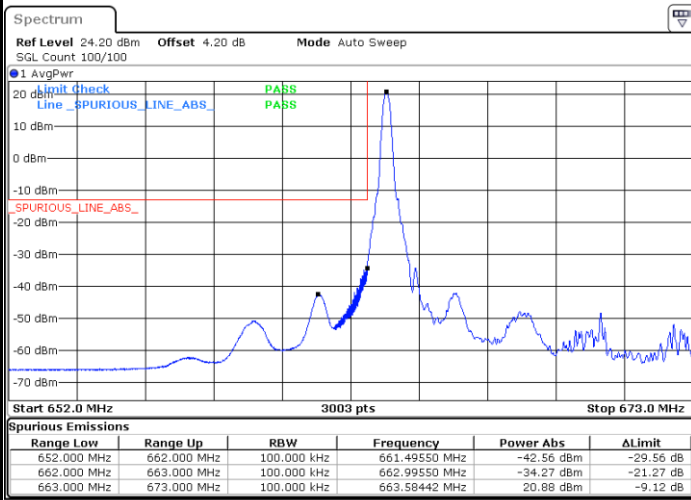


Date: 15 JUN.2022 17:00:53



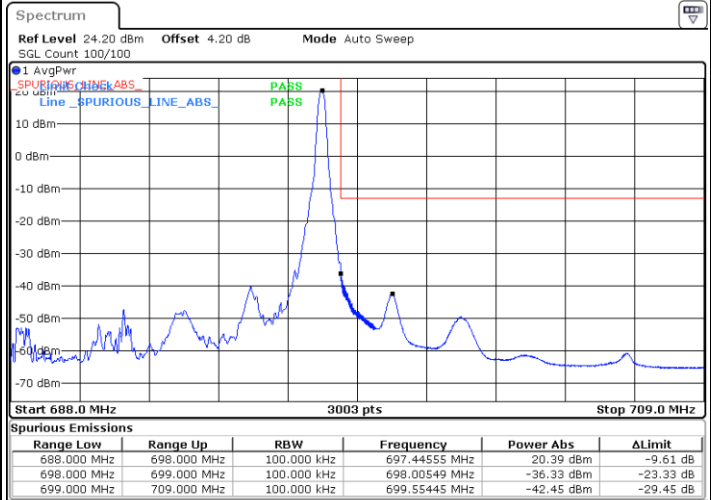
LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



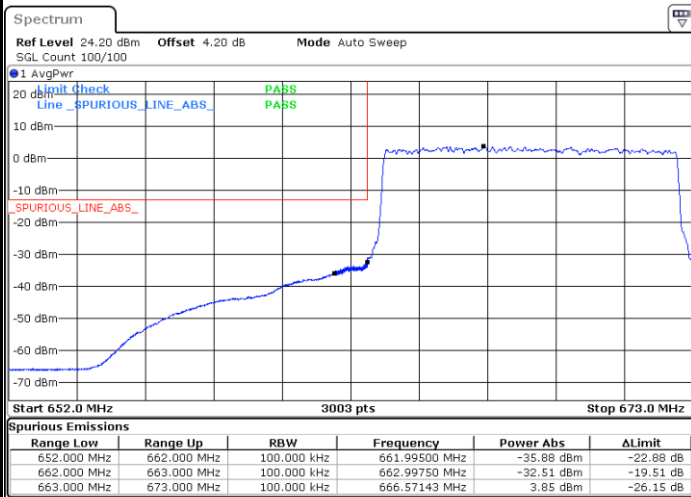
Date: 15 JUN.2022 16:50:28

Highest Band Edge / 1 RB



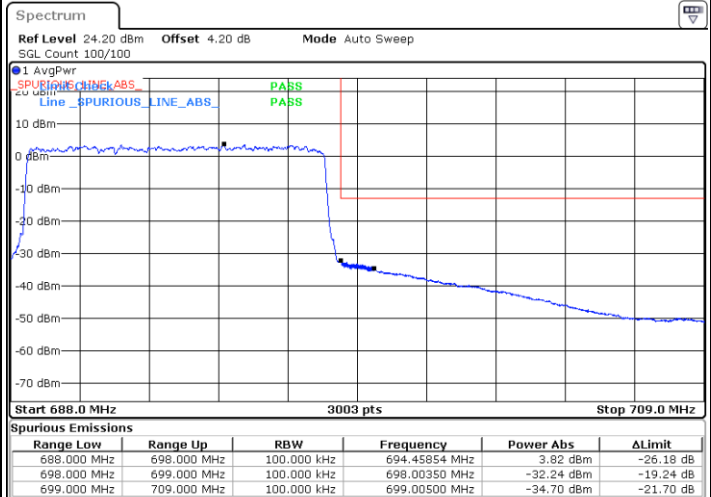
Date: 15 JUN.2022 17:02:35

Lowest Band Edge / Full RB



Date: 15 JUN.2022 16:51:25

Highest Band Edge / Full RB



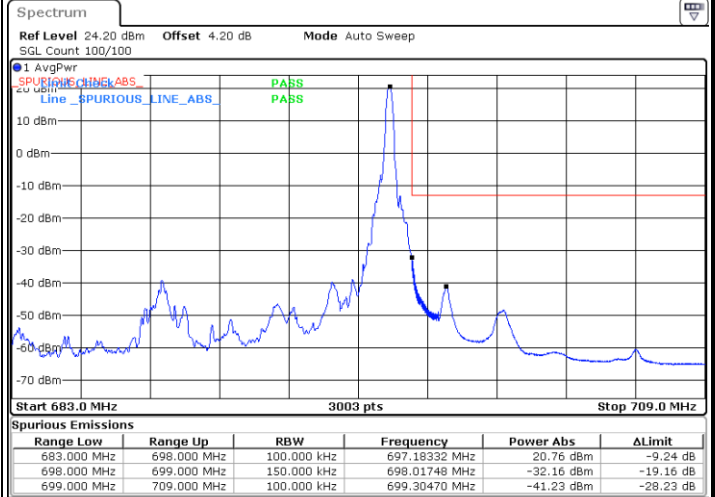
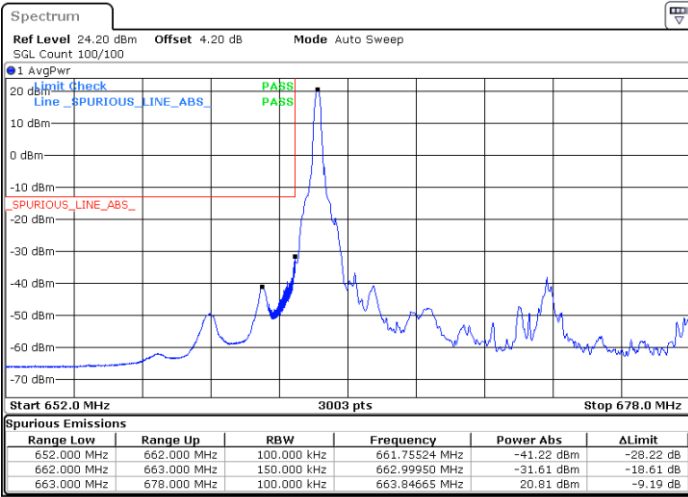
Date: 15 JUN.2022 17:01:42



LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

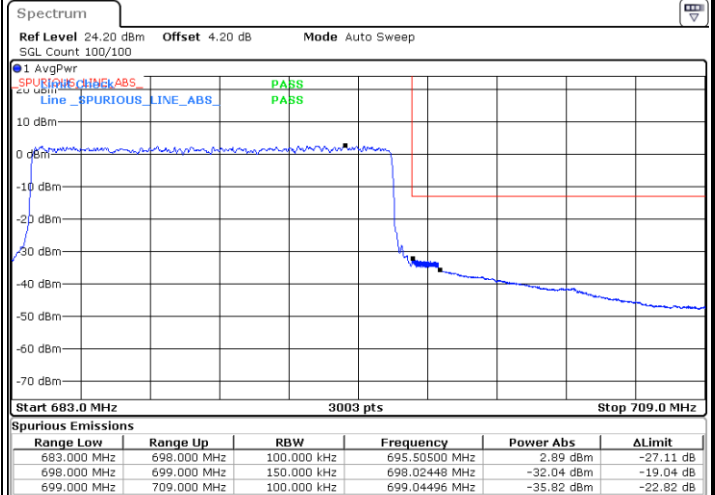
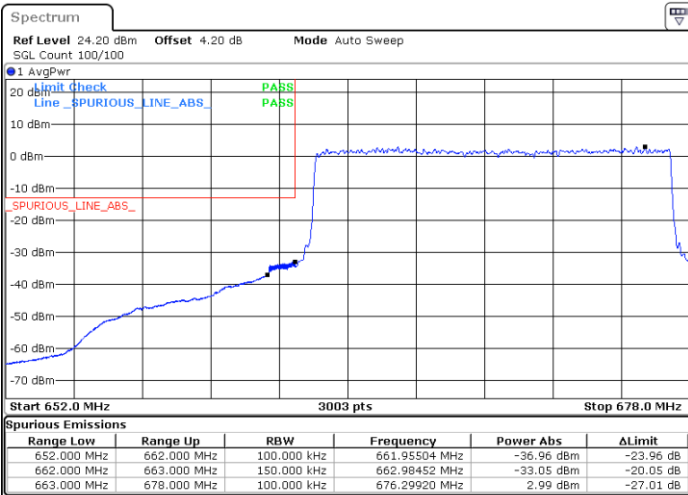


Date: 15 JUN.2022 17:08:24

Date: 15 JUN.2022 17:30:22

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



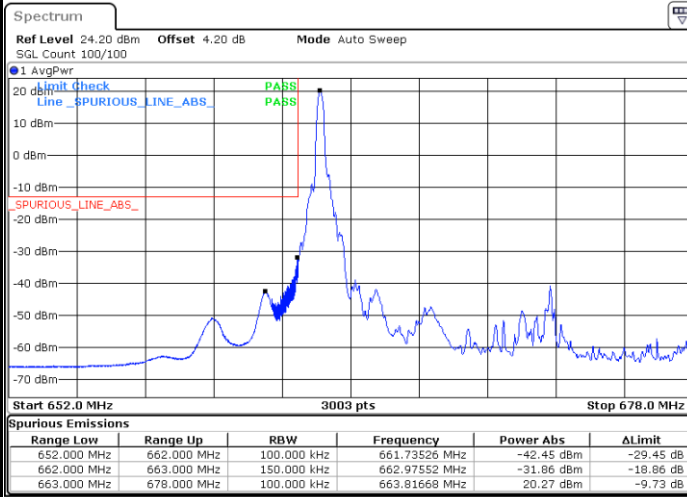
Date: 15 JUN.2022 17:16:01

Date: 15 JUN.2022 17:22:48



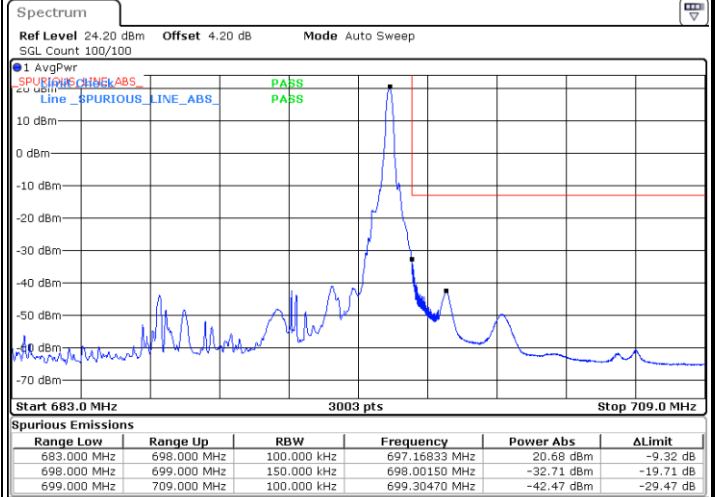
LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



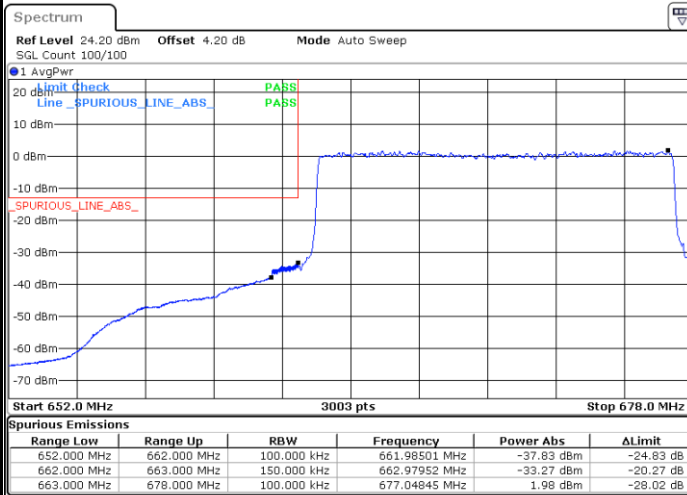
Date: 15 JUN.2022 17:10:20

Highest Band Edge / 1 RB



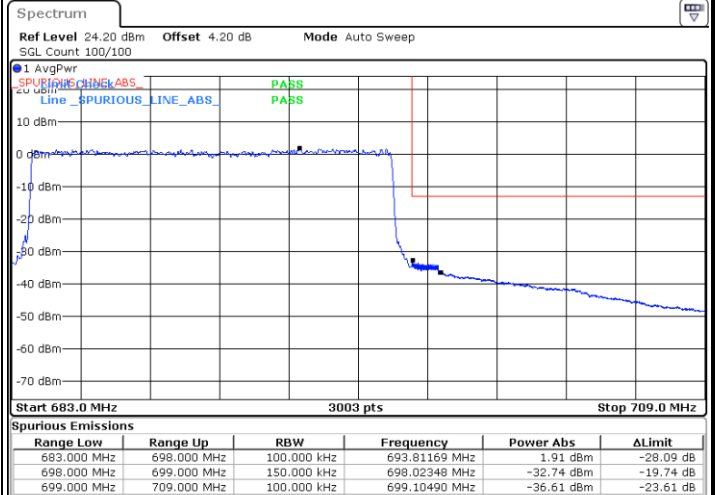
Date: 15 JUN.2022 17:29:12

Lowest Band Edge / Full RB



Date: 15 JUN.2022 17:14:46

Highest Band Edge / Full RB

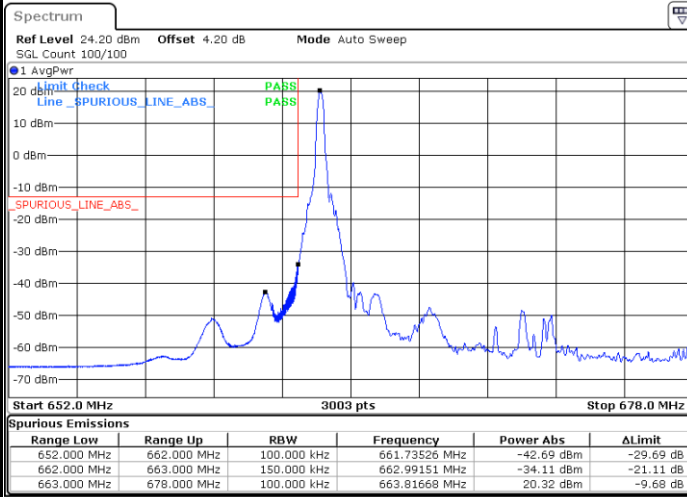


Date: 15 JUN.2022 17:24:02



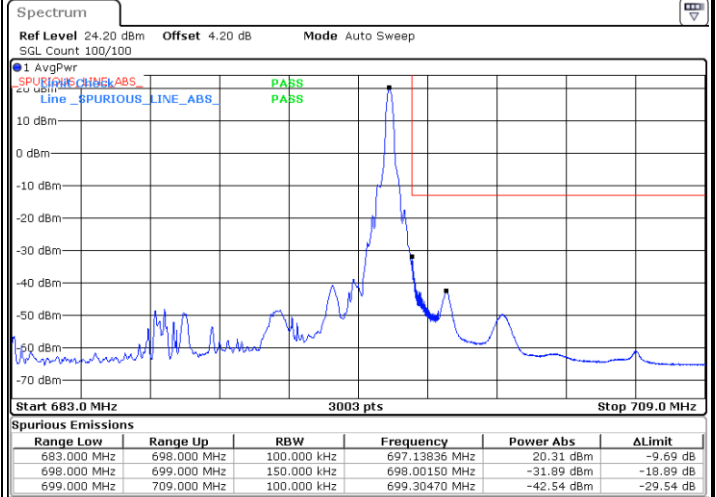
LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



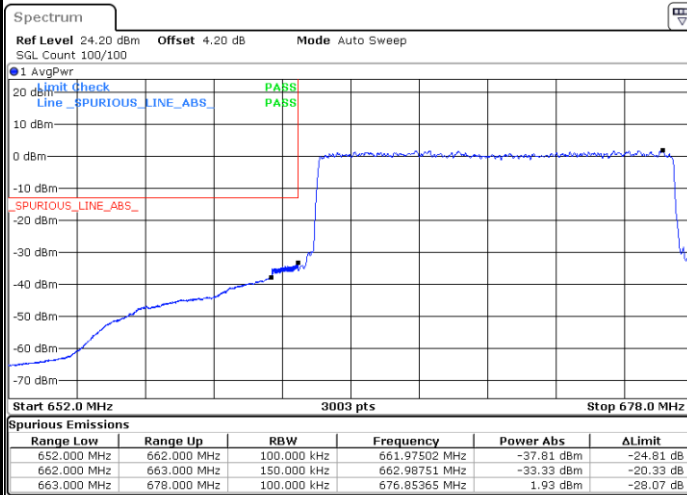
Date: 15 JUN.2022 17:11:30

Highest Band Edge / 1 RB



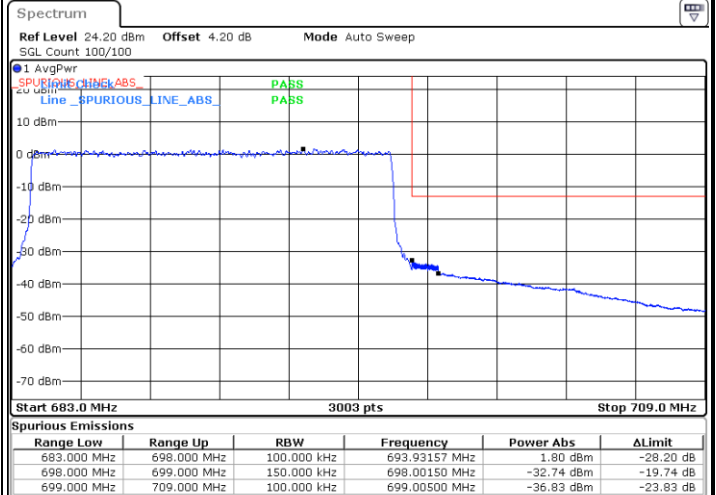
Date: 15 JUN.2022 17:27:47

Lowest Band Edge / Full RB



Date: 15 JUN.2022 17:13:02

Highest Band Edge / Full RB

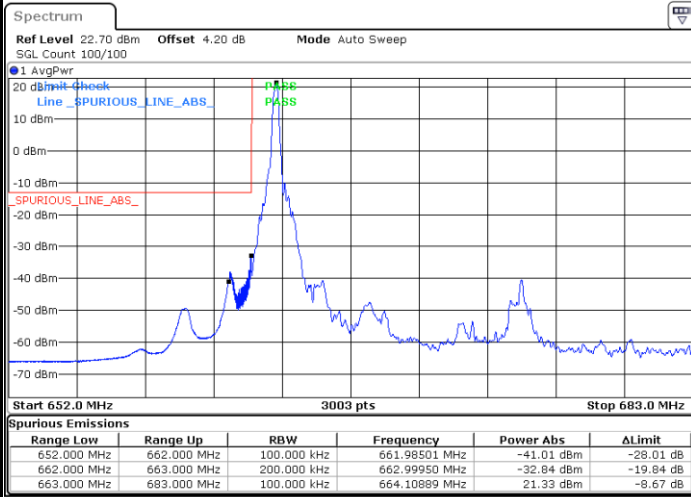


Date: 15 JUN.2022 17:25:57

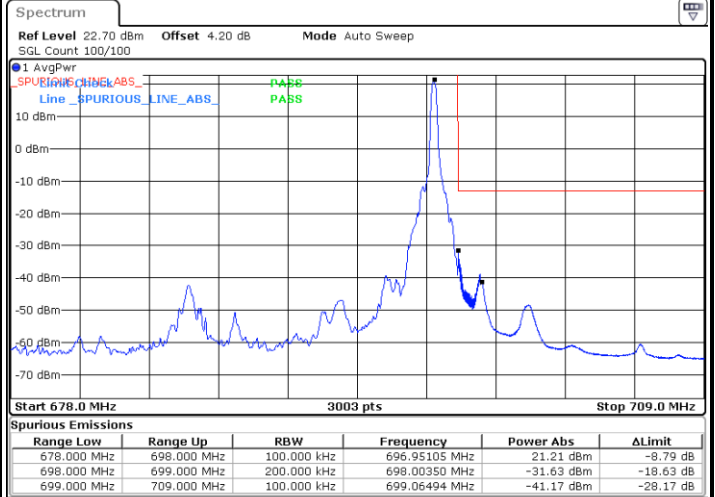


LTE Band 71 / 20MHz / QPSK

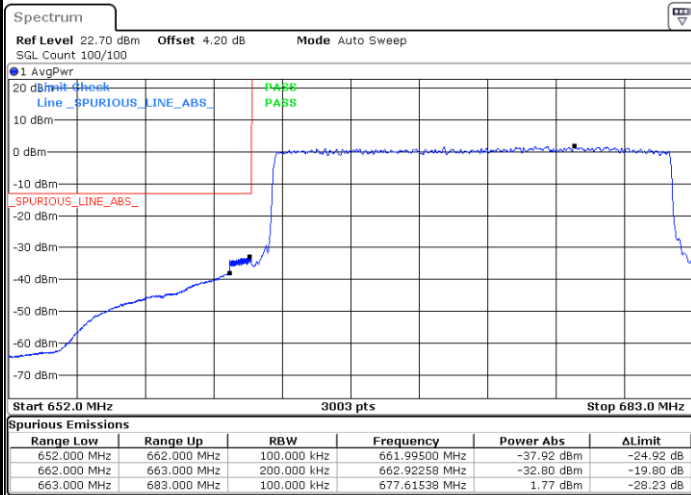
Lowest Band Edge / 1 RB



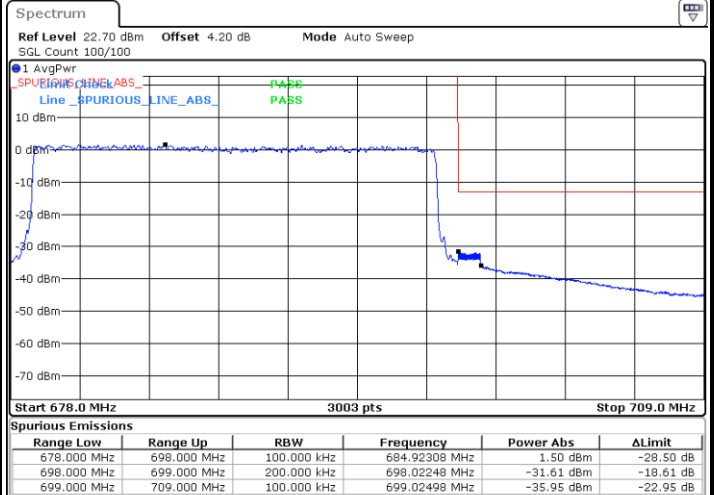
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



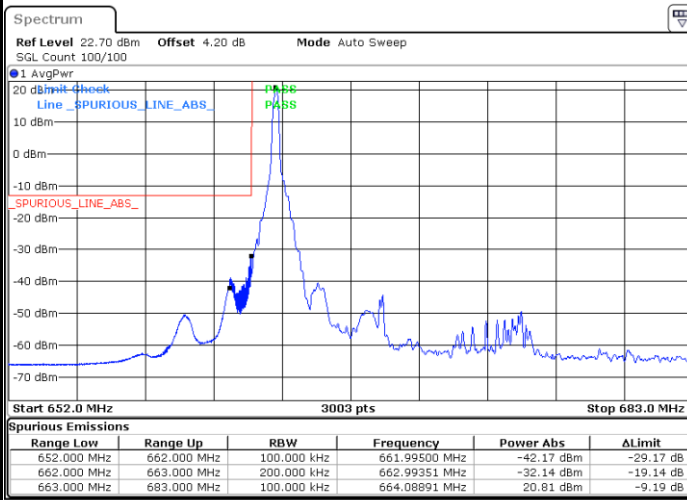
Highest Band Edge / Full RB





LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



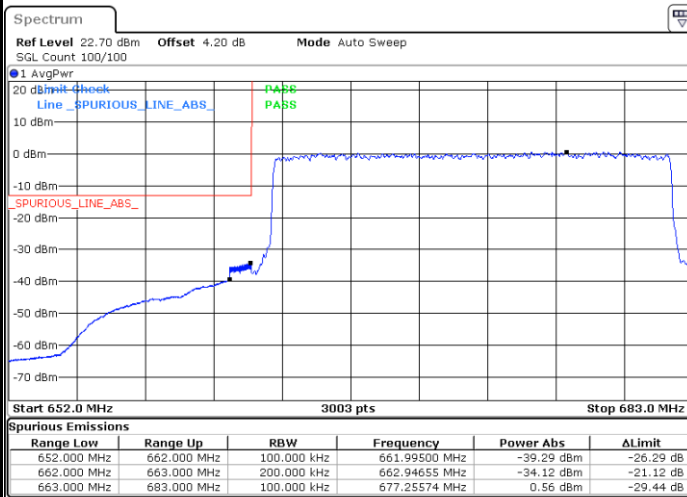
Date: 15 JUN.2022 17:59:11

Highest Band Edge / 1RB



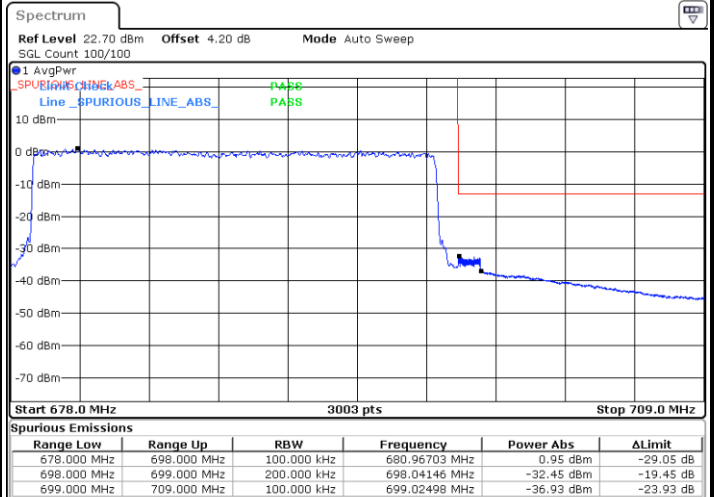
Date: 15 JUN.2022 18:17:08

Lowest Band Edge / Full RB



Date: 15 JUN.2022 18:02:34

Highest Band Edge / Full RB

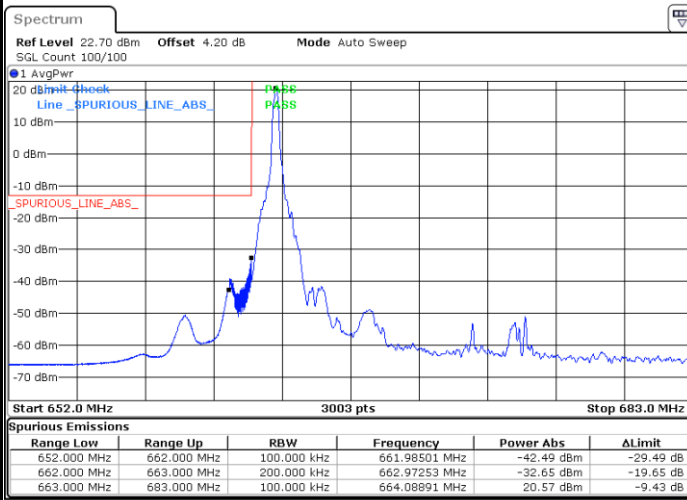


Date: 15 JUN.2022 18:13:52



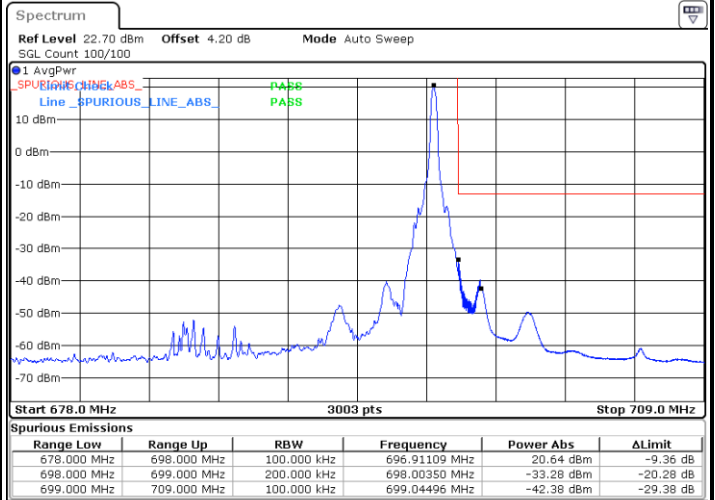
LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



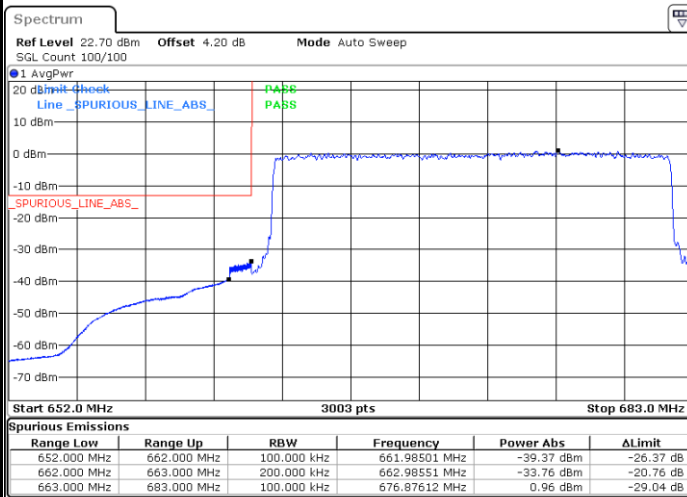
Date: 15 JUN. 2022 18:00:08

Highest Band Edge / 1 RB



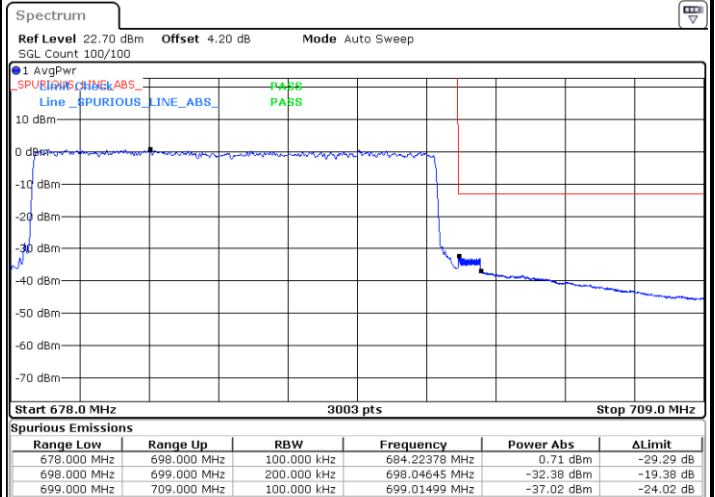
Date: 15 JUN. 2022 18:19:48

Lowest Band Edge / Full RB



Date: 15 JUN. 2022 18:01:45

Highest Band Edge / Full RB



Date: 15 JUN. 2022 18:23:14

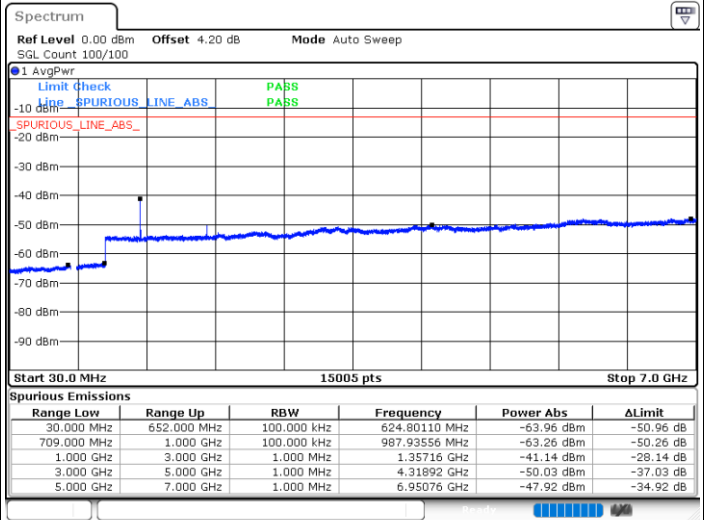
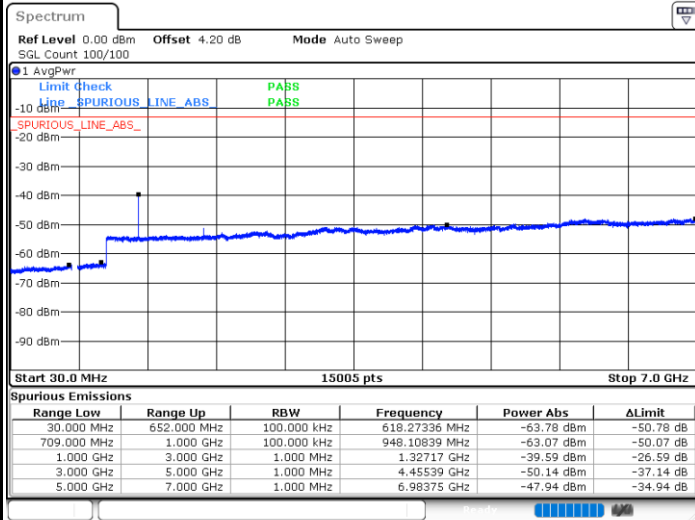


Conducted Spurious Emission

LTE Band 71 / 5MHz

Lowest Channel / QPSK

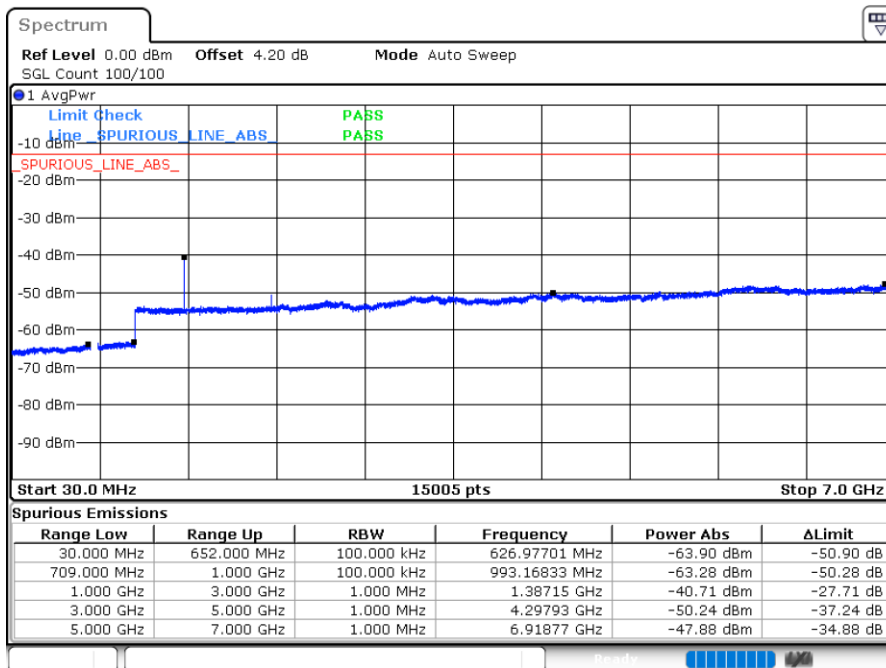
Middle Channel / QPSK



Date: 15 JUN 2022 16:34:38

Date: 15 JUN 2022 16:35:48

Highest Channel / QPSK



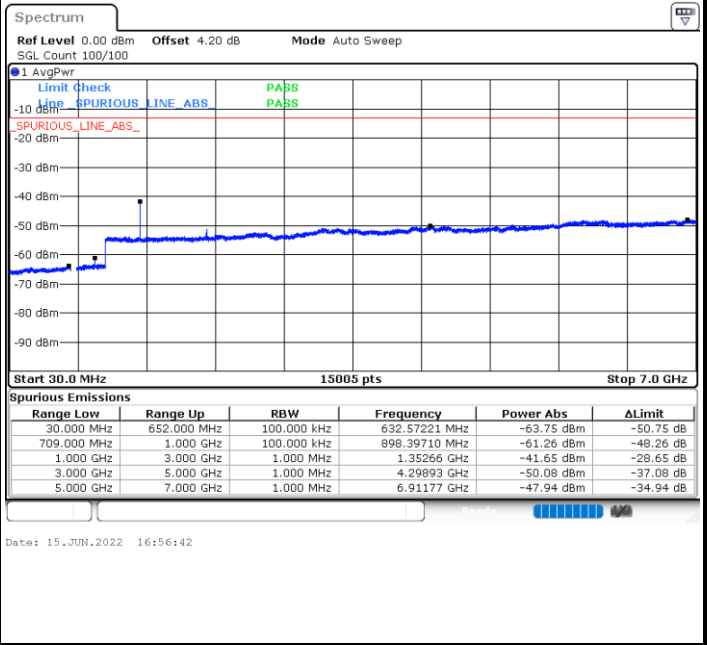
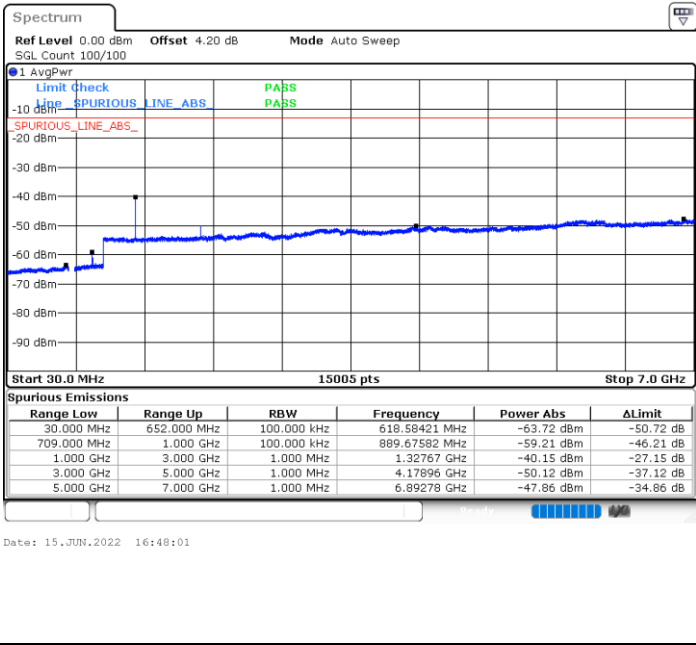
Date: 15 JUN 2022 16:38:51



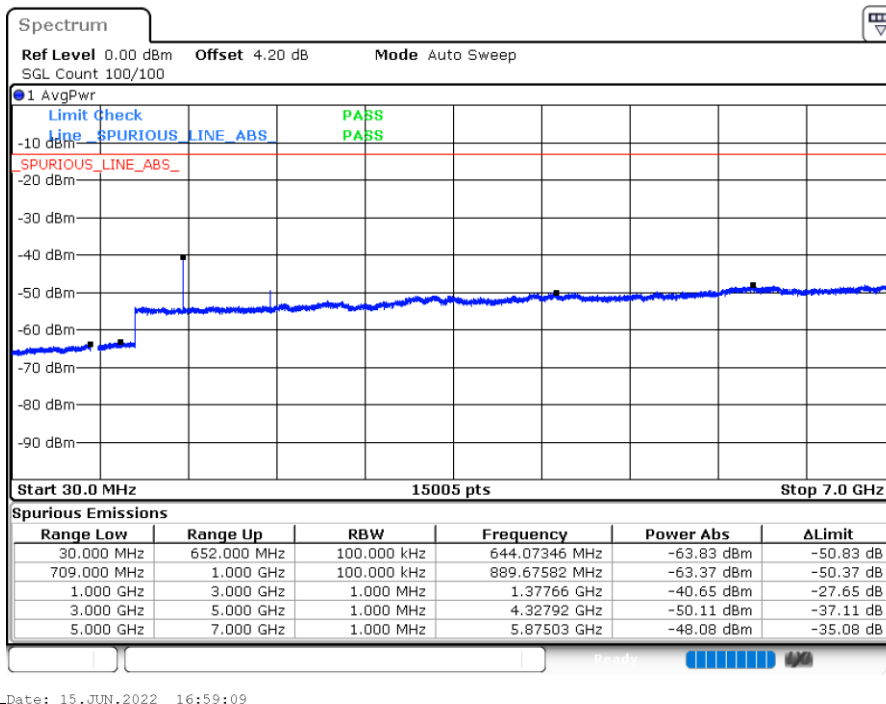
LTE Band 71 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

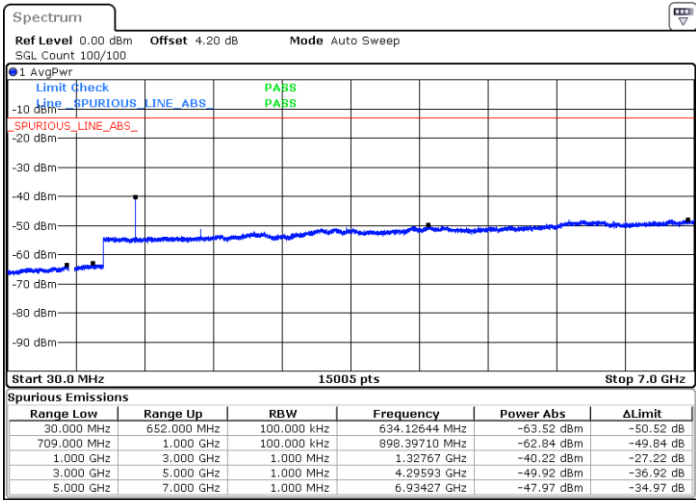




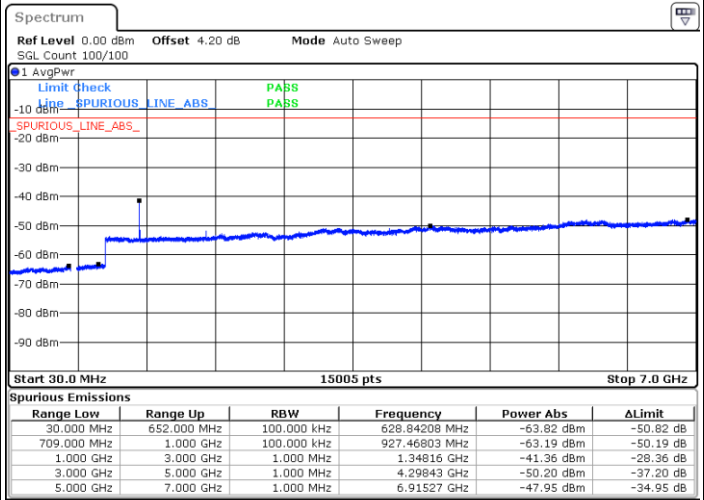
LTE Band 71 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

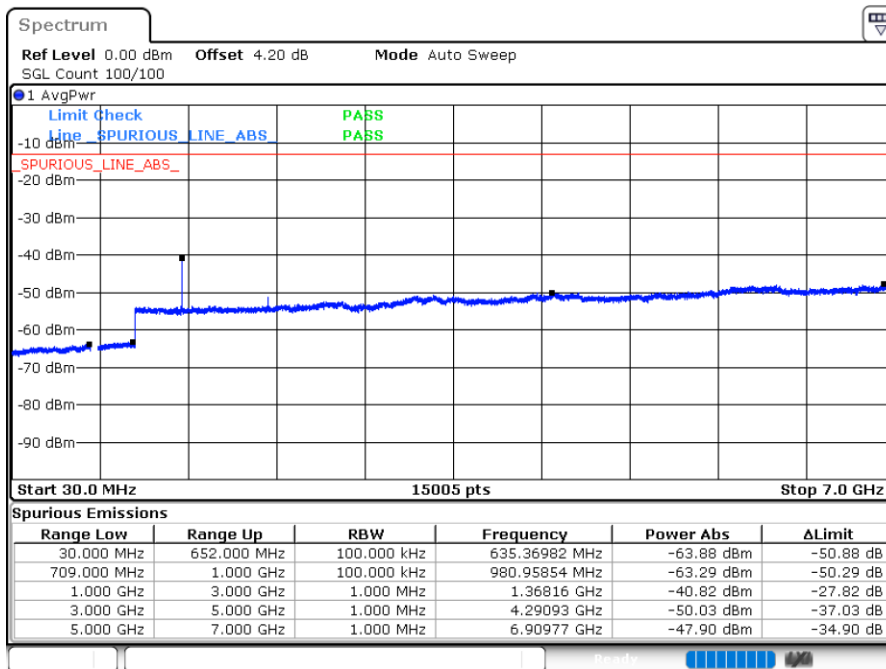


Date: 15 JUN 2022 17:07:17



Date: 15 JUN 2022 17:16:45

Highest Channel / QPSK



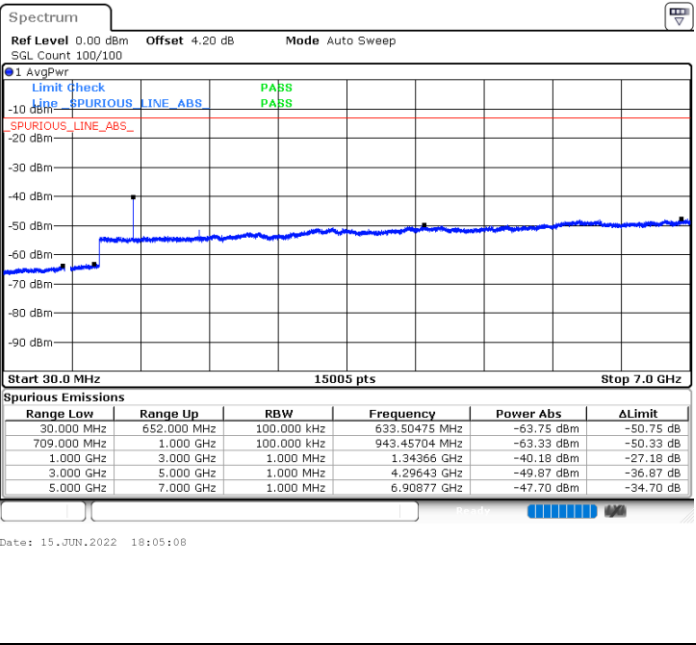
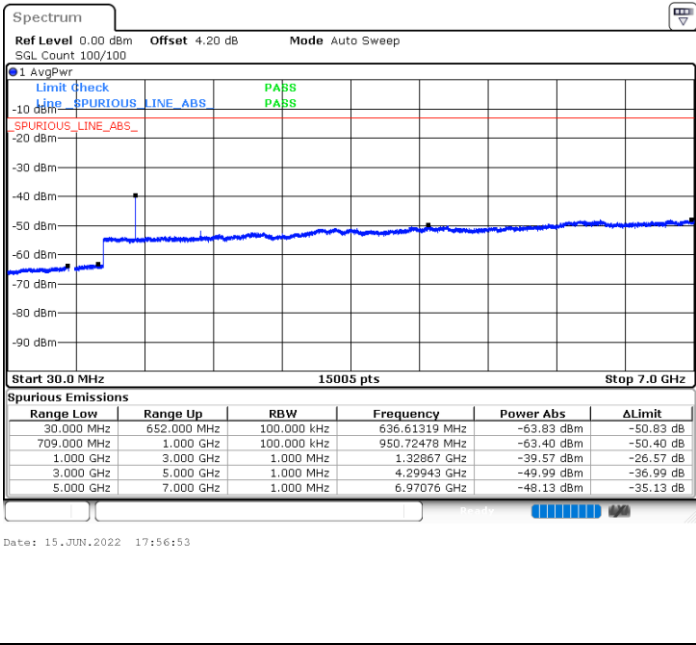
Date: 15 JUN 2022 17:21:28



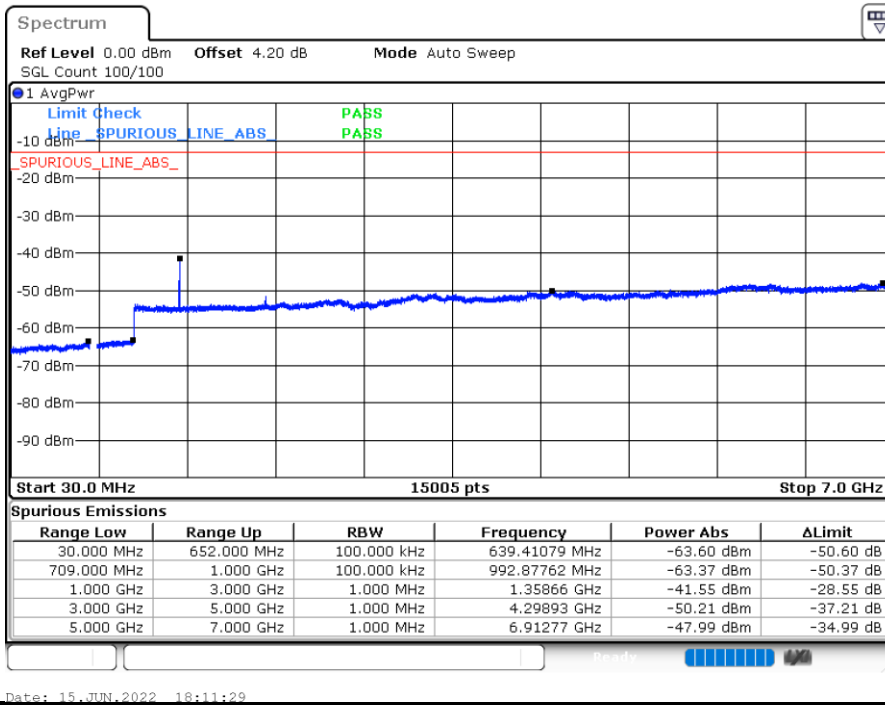
LTE Band 71 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK





Frequency Stability

Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0026	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0018	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0032	
20	Normal Voltage	0.0021	
20	Battery End Point	0.0019	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.55 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C

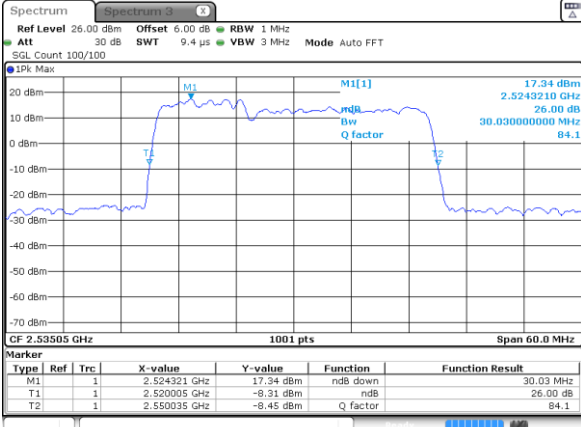
26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	30.03	30.03
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.38	25.33
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.69	30.69
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	35.07	35.11
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	29.91	29.91
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	35.04	35.04
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	39.96	39.88



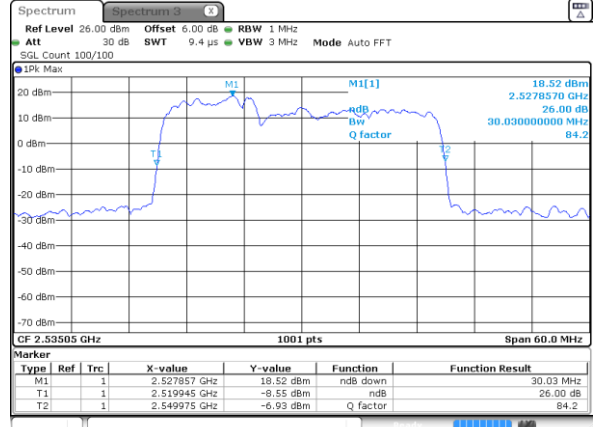
LTE Band 7

Middle Channel / 10MHz+20MHz / QPSK



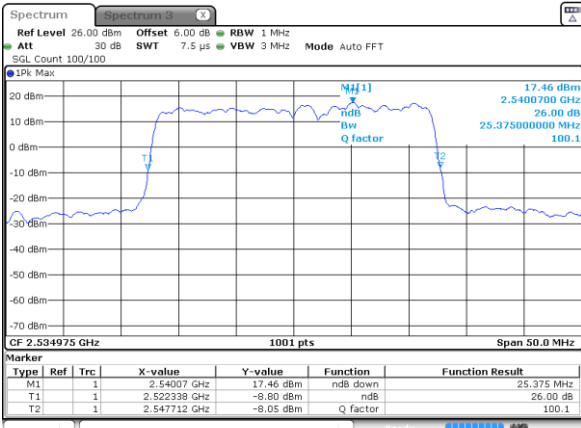
Date: 16 JUN 2022 03:46:22

Middle Channel / 10MHz+20MHz / 16QAM



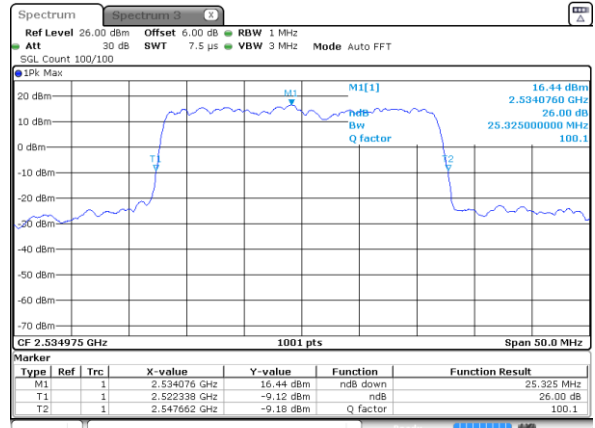
Date: 16 JUN 2022 03:47:50

Middle Channel / 15MHz+10MHz / QPSK



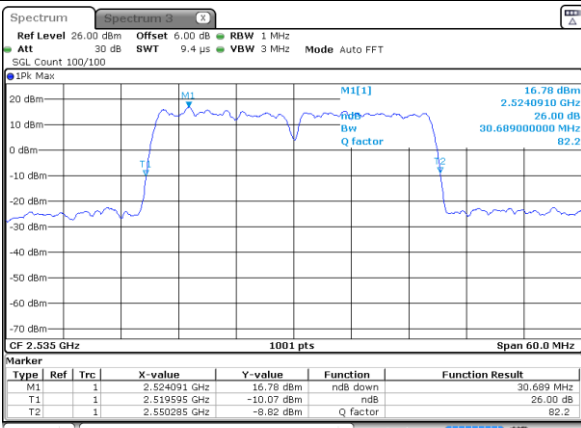
Date: 16 JUN 2022 03:38:12

Middle Channel / 15MHz+10MHz / 16QAM



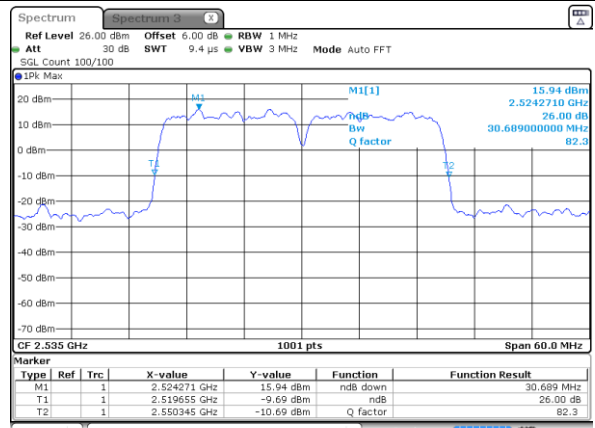
Date: 16 JUN 2022 03:39:10

Middle Channel / 15MHz+15MHz / QPSK



Date: 16 JUN 2022 03:35:46

Middle Channel / 15MHz+15MHz / 16QAM

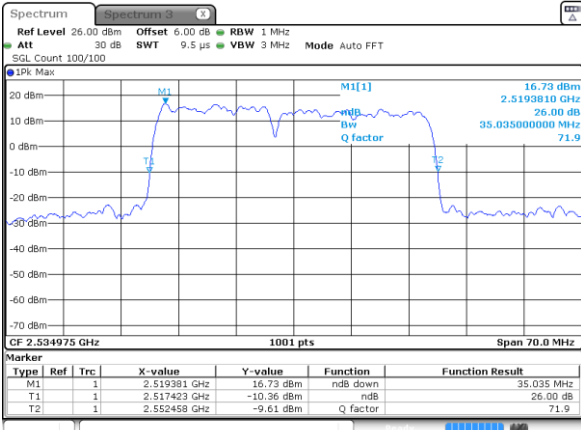


Date: 16 JUN 2022 03:36:45



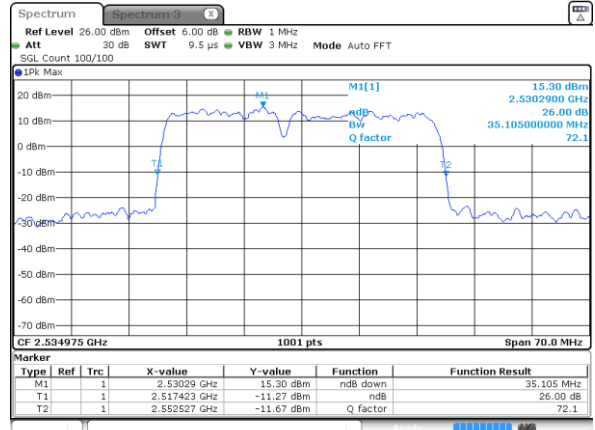
LTE Band 7

Middle Channel / 15MHz+20MHz / QPSK



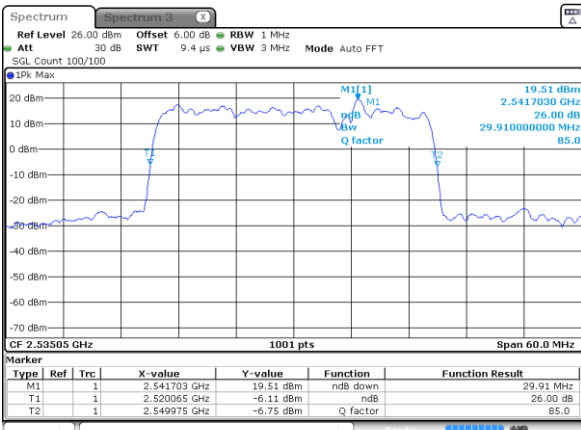
Date: 16 JUN 2022 03:33:23

Middle Channel / 15MHz+20MHz / 16QAM



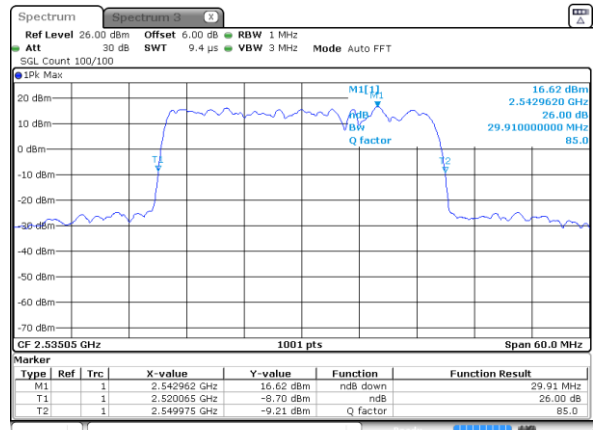
Date: 16 JUN 2022 03:34:23

Middle Channel / 20MHz+10MHz / QPSK



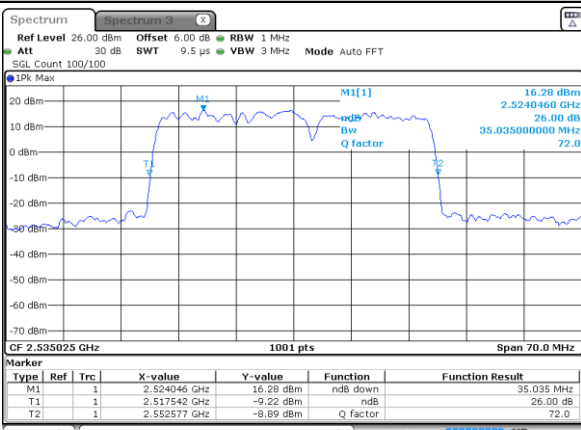
Date: 16 JUN 2022 03:25:30

Middle Channel / 20MHz+10MHz / 16QAM



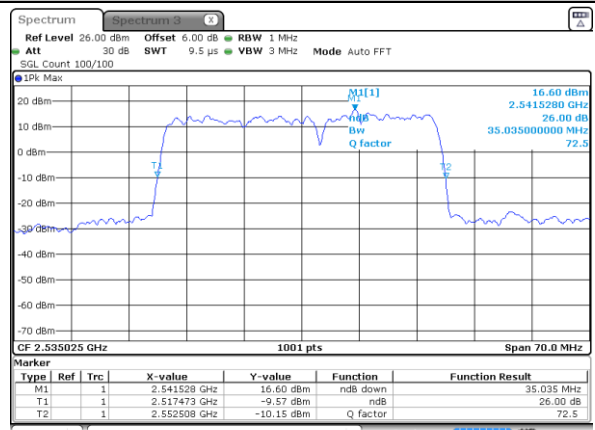
Date: 16 JUN 2022 03:25:02

Middle Channel / 20MHz+15MHz / QPSK



Date: 16 JUN 2022 03:23:34

Middle Channel / 20MHz+15MHz / 16QAM

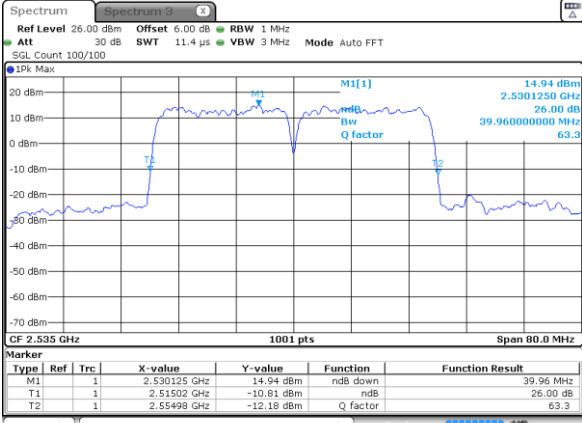


Date: 16 JUN 2022 03:23:06



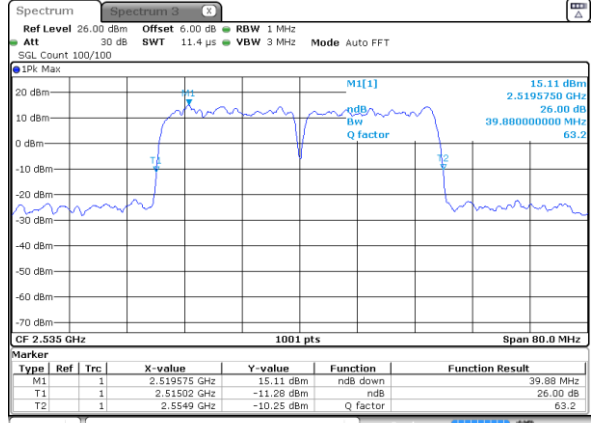
LTE Band 7

Middle Channel / 20MHz+20MHz / QPSK



Date: 16 JUN 2022 03:18:55

Middle Channel / 20MHz+20MHz / 16QAM



Date: 16 JUN 2022 03:19:53



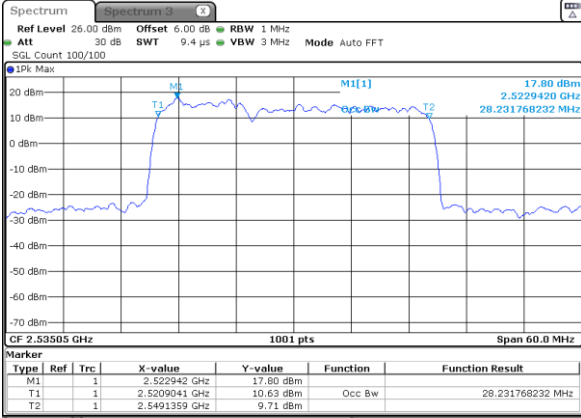
Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	28.23	28.17
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.48	23.38
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.77	28.71
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	32.87	32.94
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.05	28.29
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	33.01	32.87
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.80	37.88

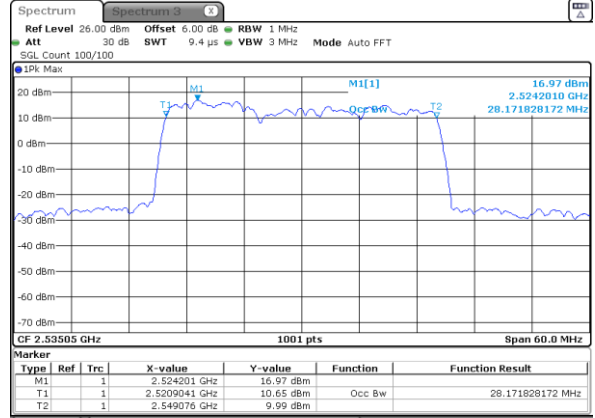


LTE Band 7

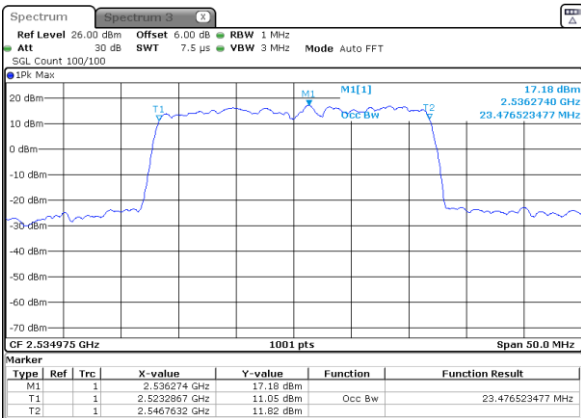
Middle Channel / 10MHz+20MHz / QPSK



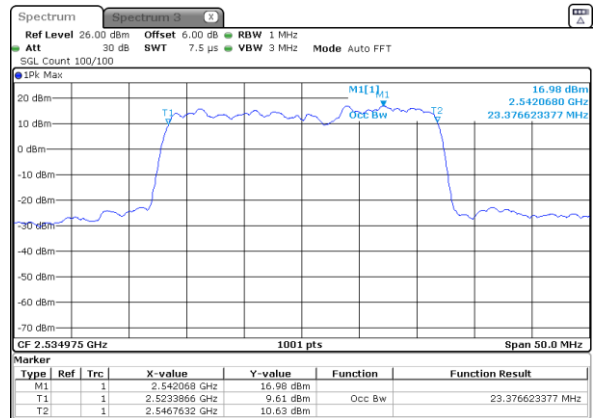
Middle Channel / 10MHz+20MHz / 16QAM



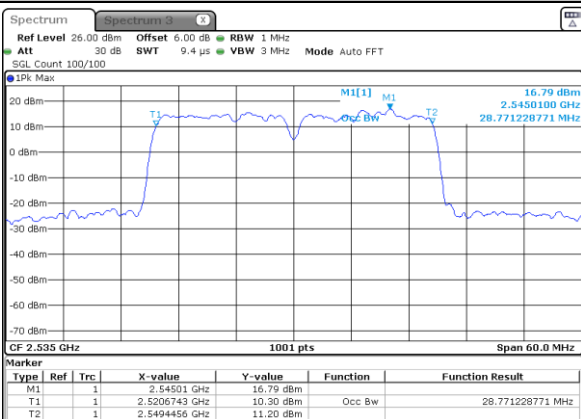
Middle Channel / 15MHz+10MHz / QPSK



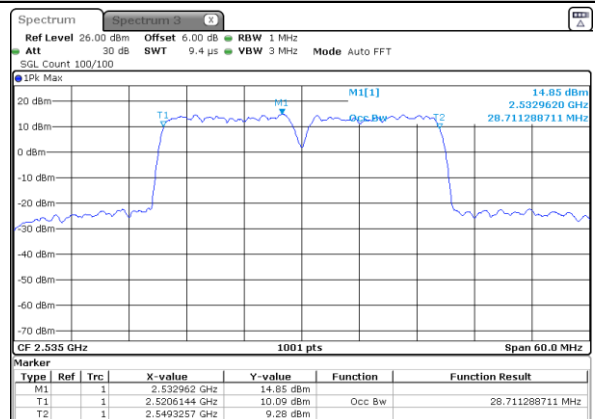
Middle Channel / 15MHz+10MHz / 16QAM



Middle Channel / 15MHz+15MHz / QPSK



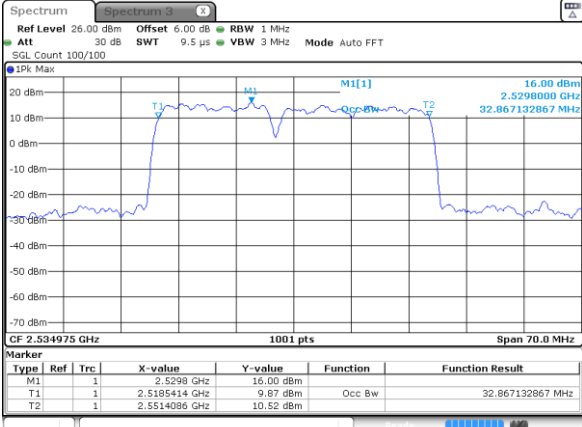
Middle Channel / 15MHz+15MHz / 16QAM





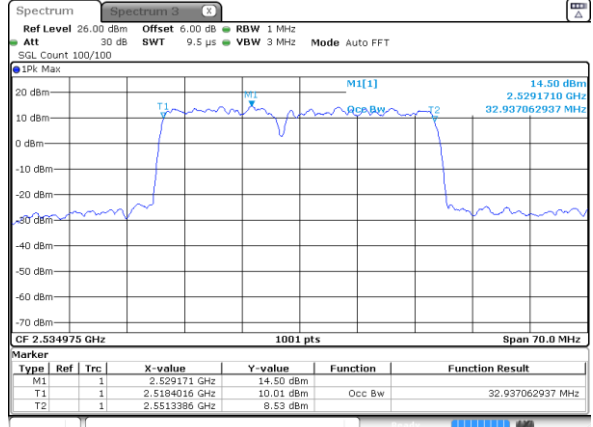
LTE Band 7

Middle Channel / 15MHz+20MHz / QPSK



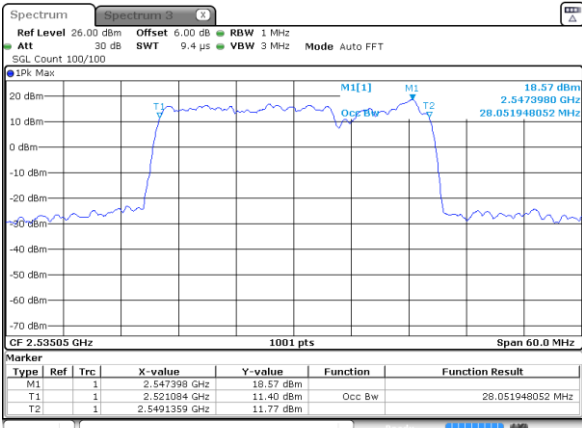
Date: 16 JUN 2022 03:33:51

Middle Channel / 15MHz+20MHz / 16QAM



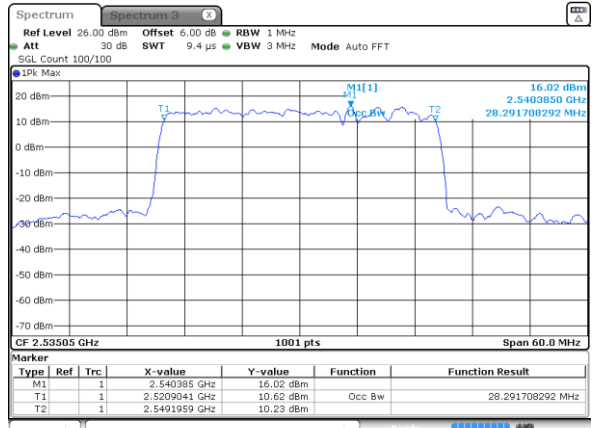
Date: 16 JUN 2022 03:34:51

Middle Channel / 20MHz+10MHz / QPSK



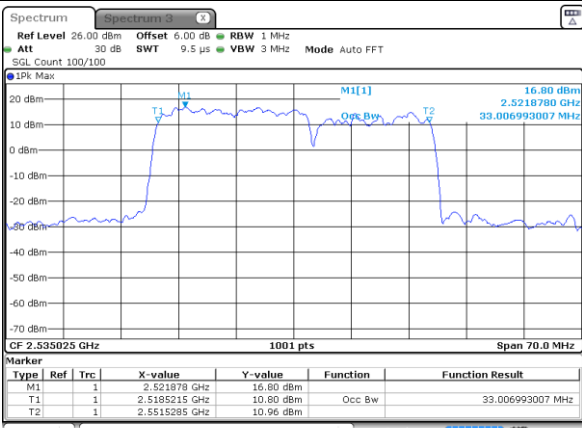
Date: 16 JUN 2022 03:24:06

Middle Channel / 20MHz+10MHz / 16QAM



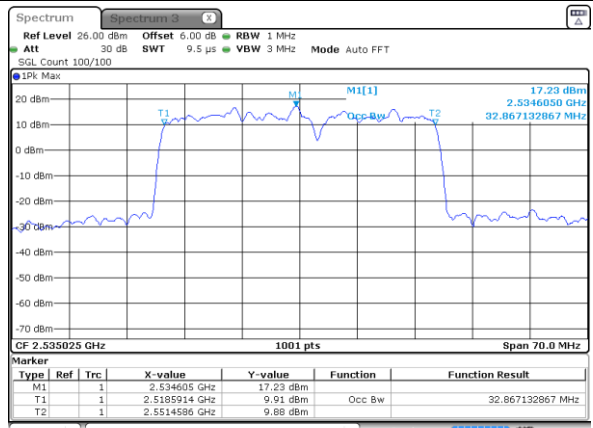
Date: 16 JUN 2022 03:24:34

Middle Channel / 20MHz+15MHz / QPSK



Date: 16 JUN 2022 03:22:10

Middle Channel / 20MHz+15MHz / 16QAM

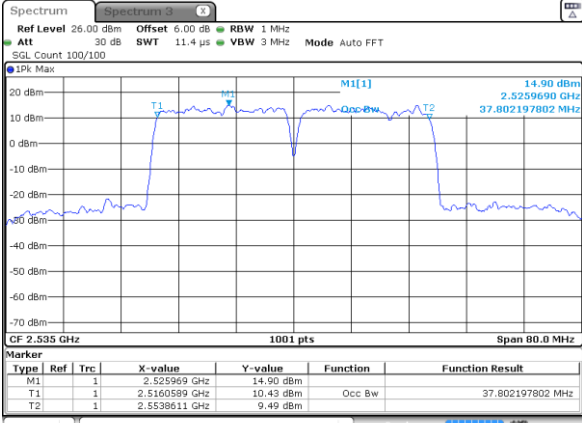


Date: 16 JUN 2022 03:22:38



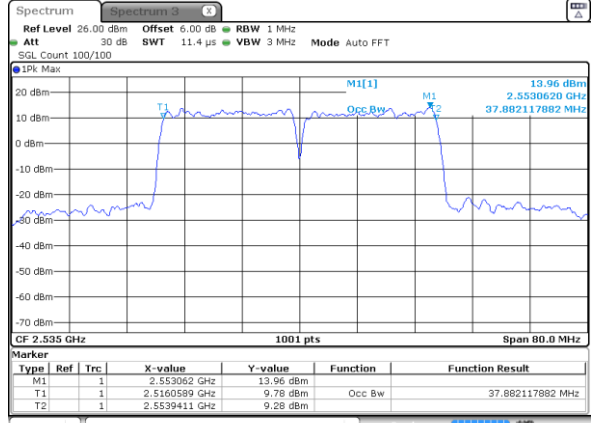
LTE Band 7

Middle Channel / 20MHz+20MHz / QPSK



Date: 16 JUN 2022 03:19:23

Middle Channel / 20MHz+20MHz / 16QAM



Date: 16 JUN 2022 03:20:20

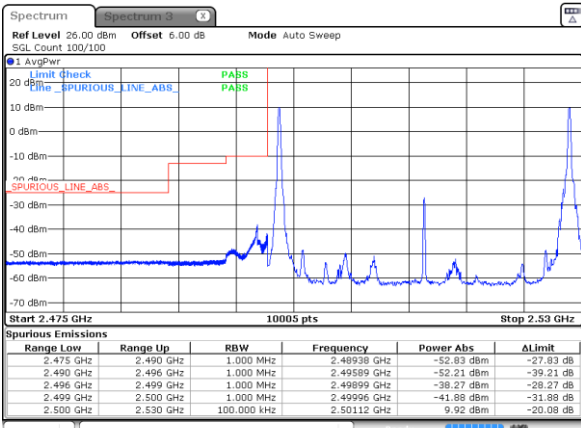


Conducted Band Edge

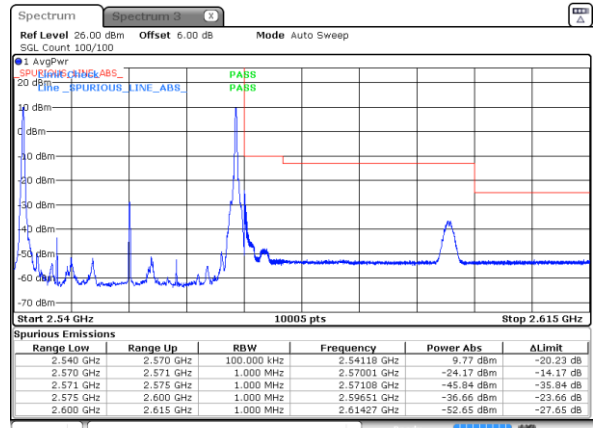
LTE Band 7 / 10MHz+20MHz

QPSK

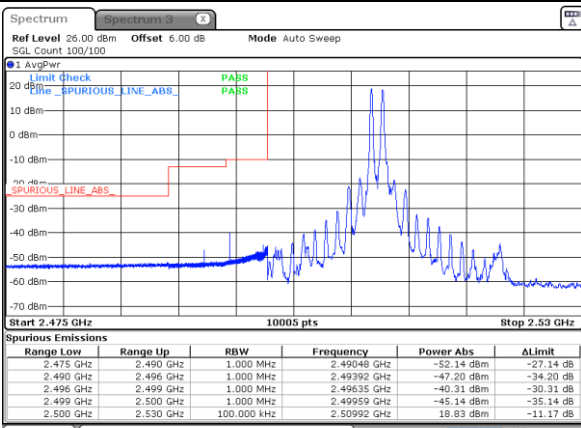
Lowest Band Edge / 1RB0 and 1RB9



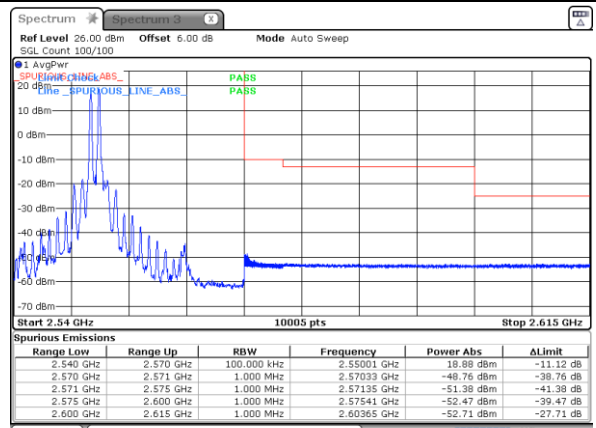
Highest Band Edge / 1RB0 and 1RB9



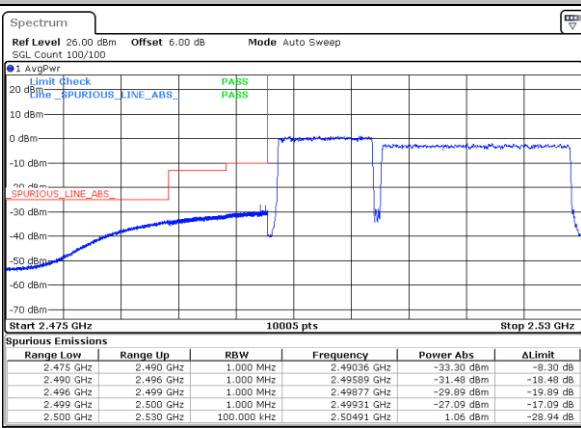
Lowest Band Edge / 1RB49 and 1RB0



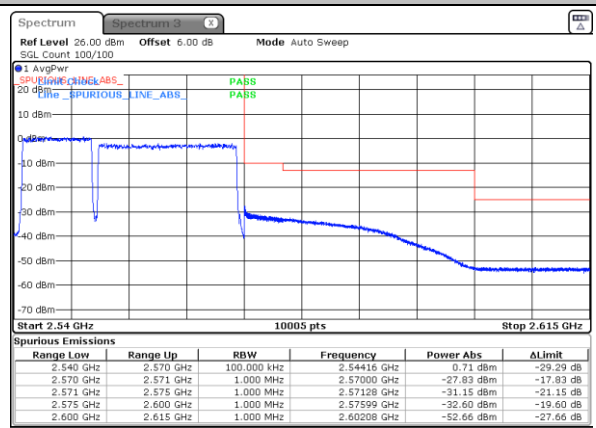
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

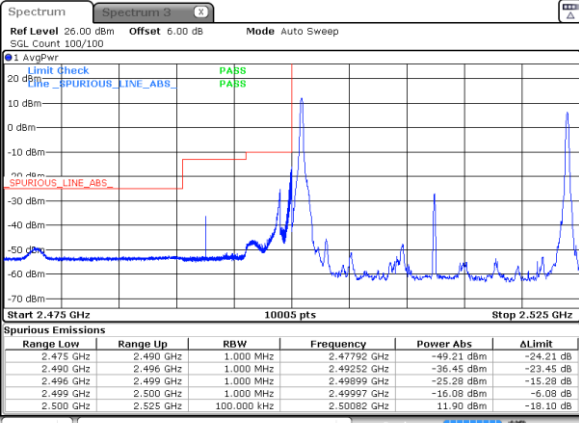




LTE Band 7 / 15MHz+10MHz

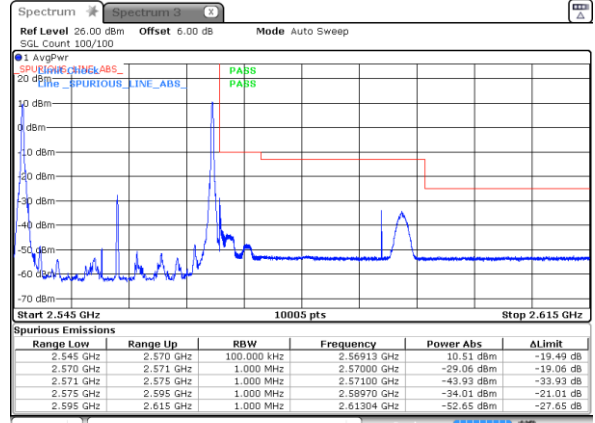
QPSK

Lowest Band Edge / 1RB0 and 1RB49



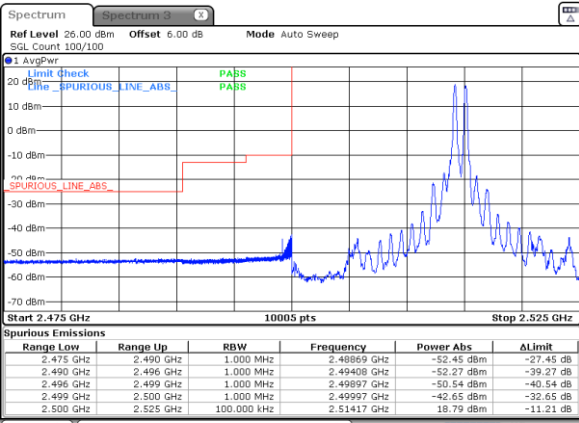
Date: 15 JUN 2022 23:45:09

Highest Band Edge / 1RB0 and 1RB49



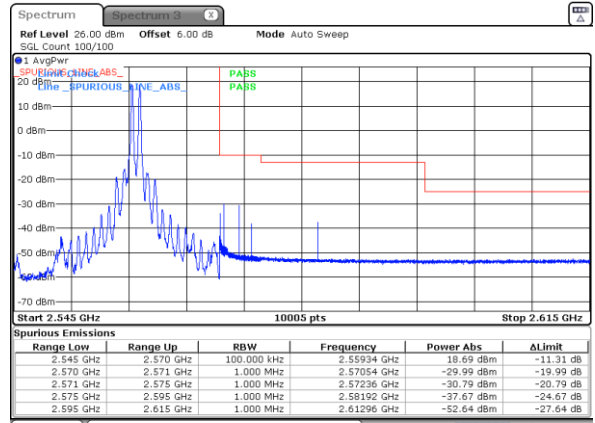
Date: 16 JUN 2022 00:02:15

Lowest Band Edge / 1RB74 and 1RB0



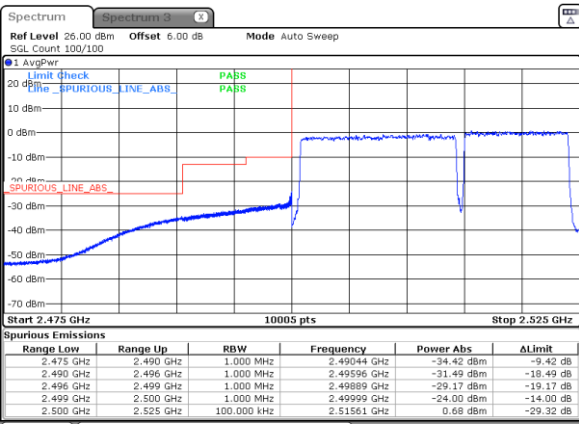
Date: 15 JUN 2022 23:52:35

Highest Band Edge / 1RB74 and 1RB0



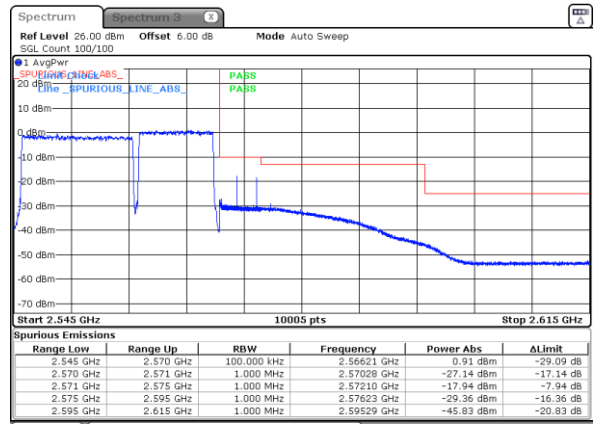
Date: 16 JUN 2022 00:20:20

Lowest Band Edge / Full RB



Date: 15 JUN 2022 23:54:04

Highest Band Edge / Full RB



Date: 16 JUN 2022 00:21:49