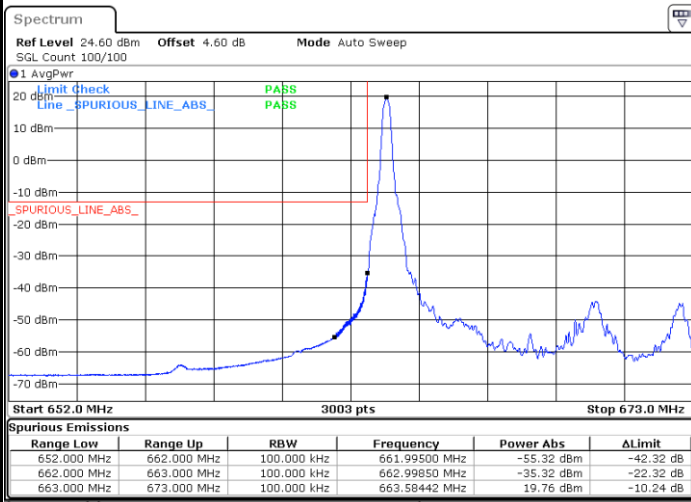




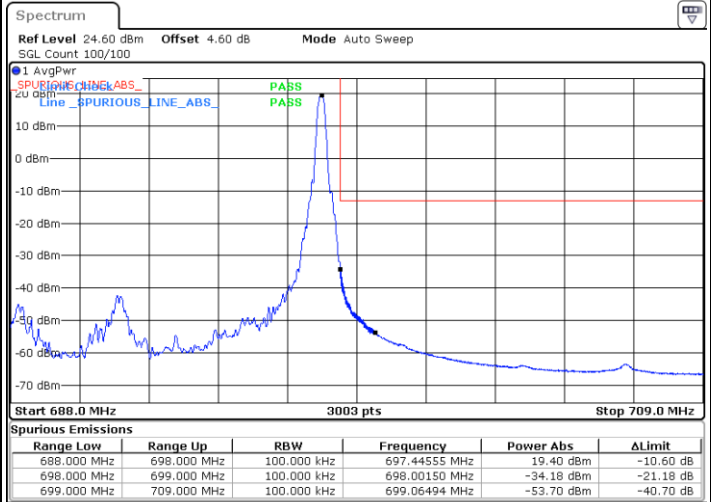
LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / 1 RB



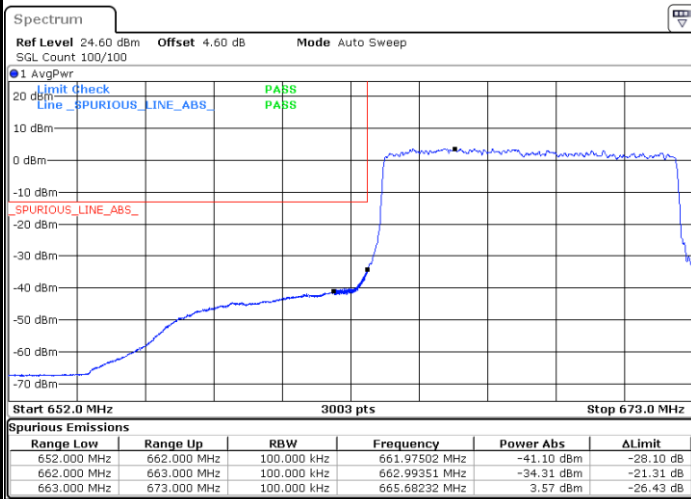
Date: 27.NOV.2022 23:05:30

Highest Band Edge / 1 RB



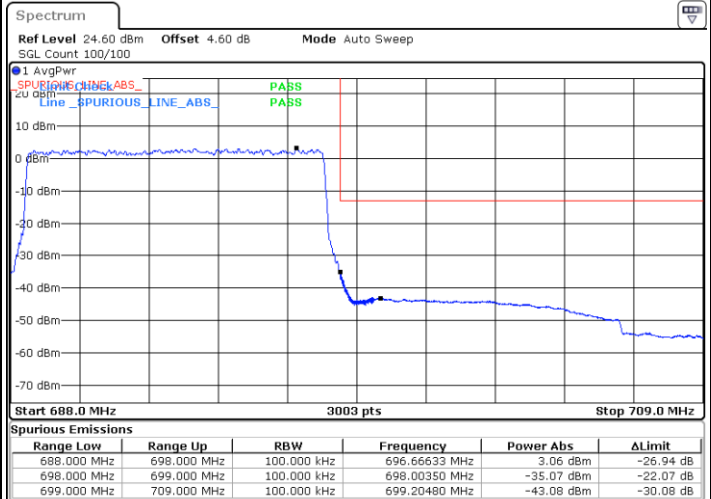
Date: 27.NOV.2022 23:19:10

Lowest Band Edge / Full RB



Date: 27.NOV.2022 23:06:22

Highest Band Edge / Full RB

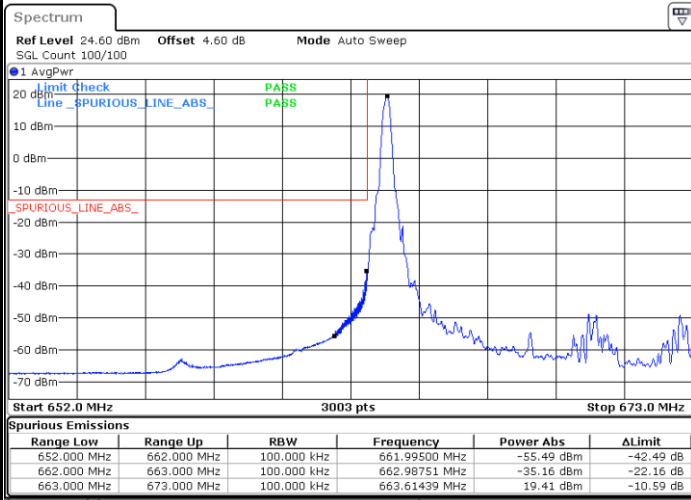


Date: 27.NOV.2022 23:18:04



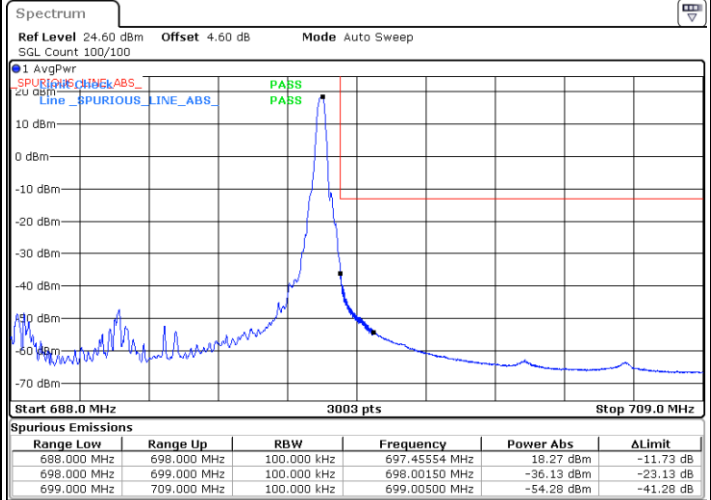
LTE Band 71 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



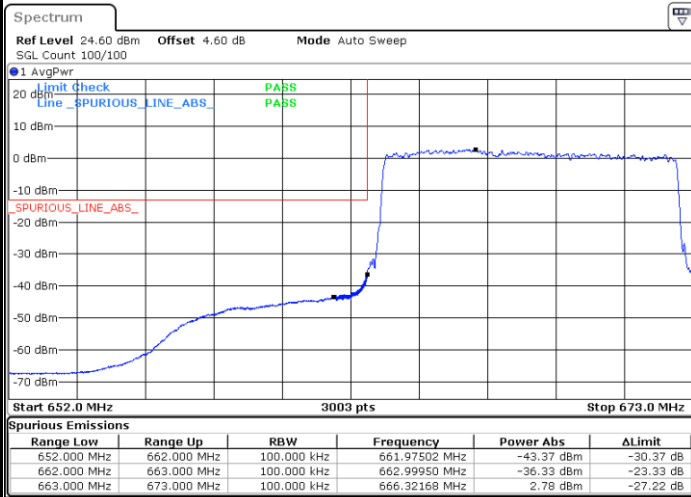
Date: 27.NOV.2022 23:02:21

Highest Band Edge / 1 RB



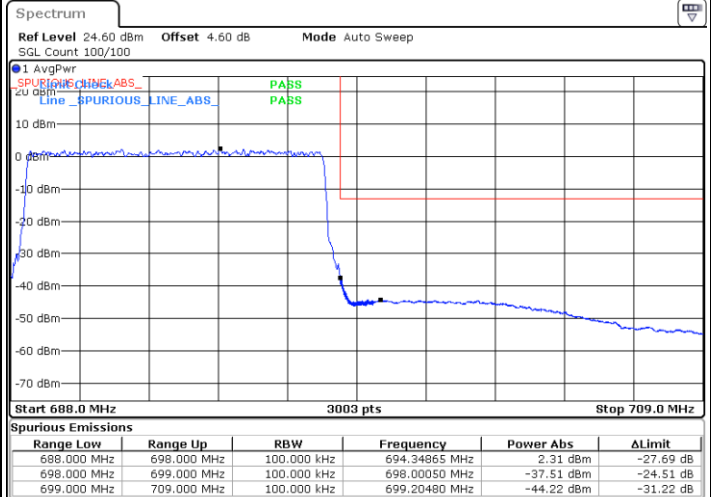
Date: 27.NOV.2022 23:20:23

Lowest Band Edge / Full RB



Date: 27.NOV.2022 23:07:54

Highest Band Edge / Full RB

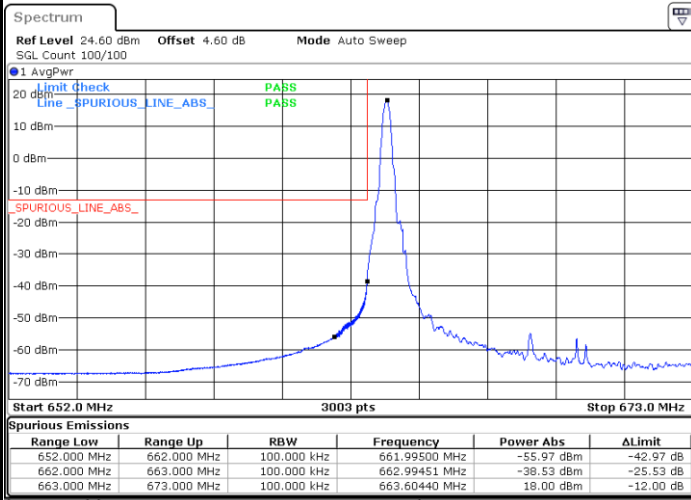


Date: 27.NOV.2022 23:16:52



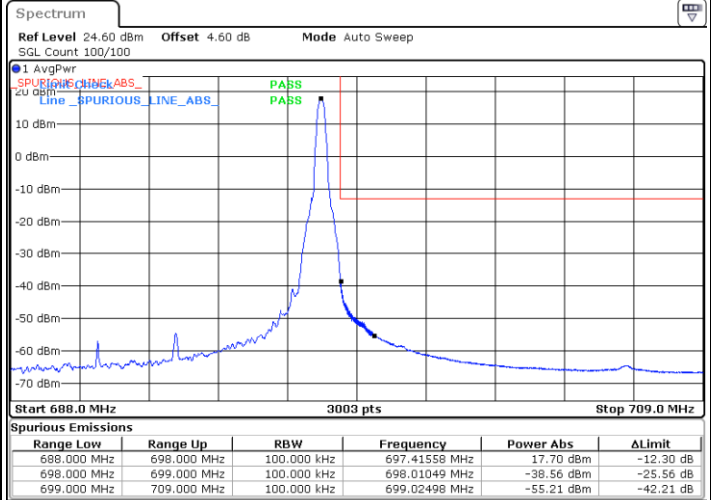
LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



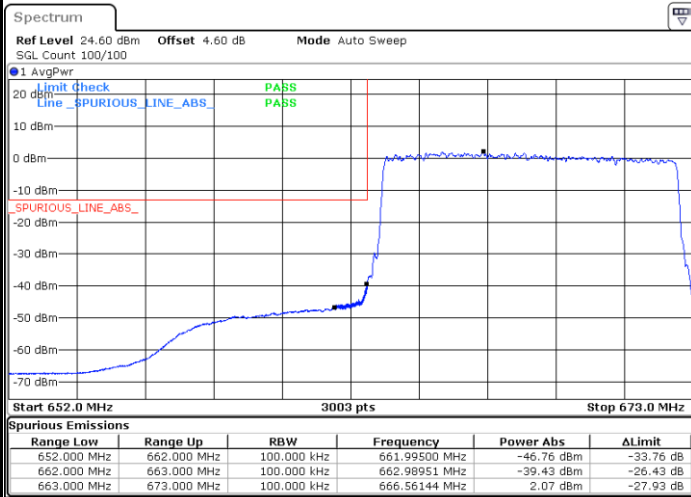
Date: 27.NOV.2022 23:03:24

Highest Band Edge / 1 RB



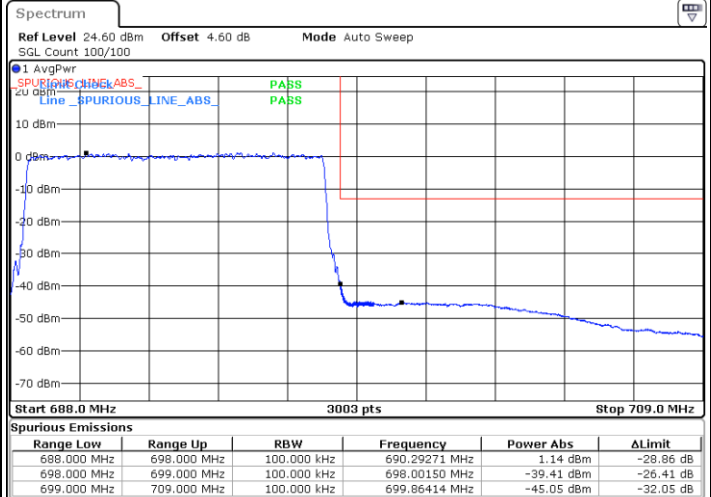
Date: 27.NOV.2022 23:21:24

Lowest Band Edge / Full RB



Date: 27.NOV.2022 23:08:45

Highest Band Edge / Full RB

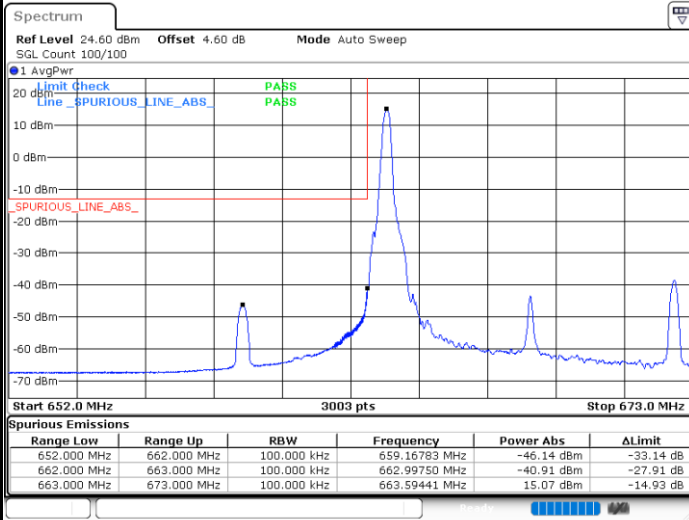


Date: 27.NOV.2022 23:13:18



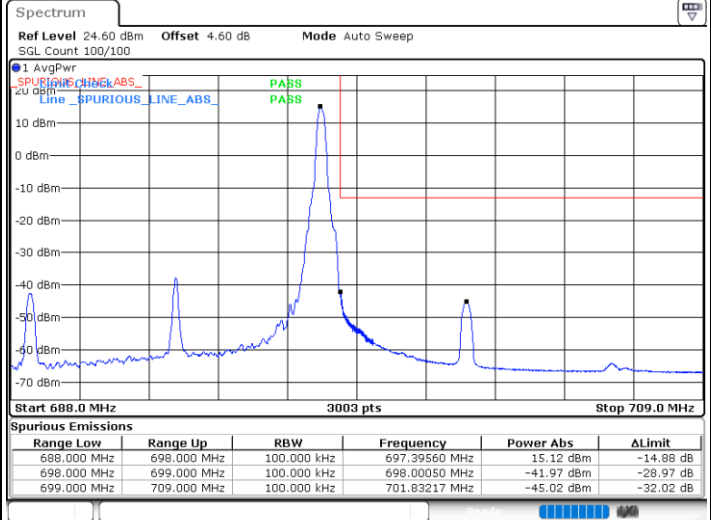
LTE Band 71 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



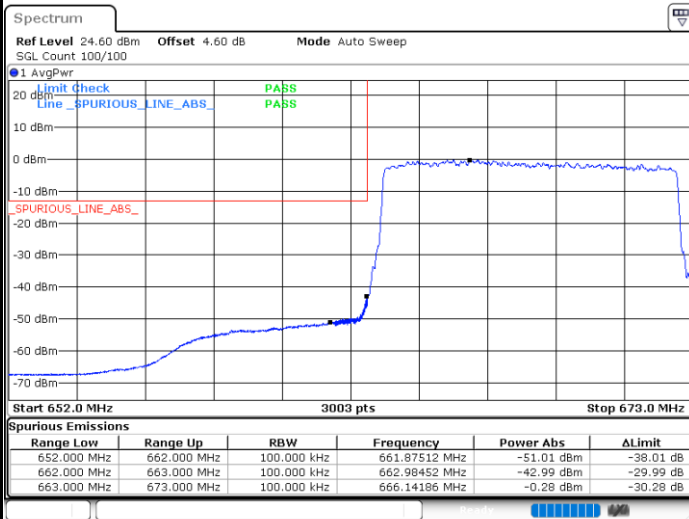
Date: 27.NOV.2022 23:04:21

Highest Band Edge / 1 RB



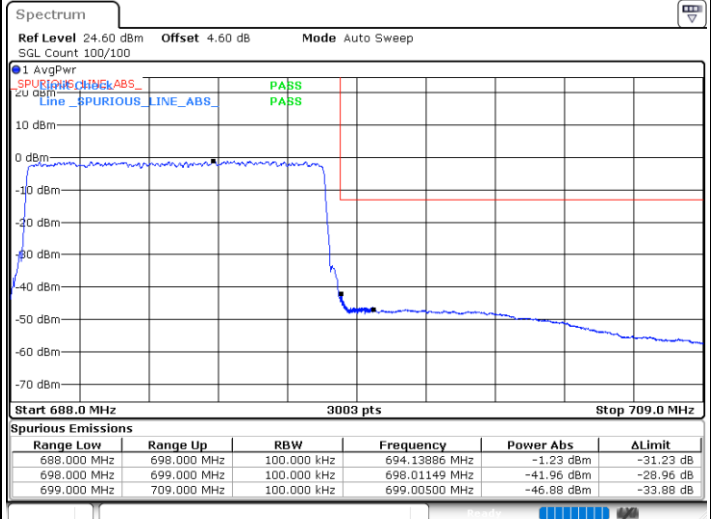
Date: 27.NOV.2022 23:22:37

Lowest Band Edge / Full RB



Date: 27.NOV.2022 23:09:56

Highest Band Edge / Full RB

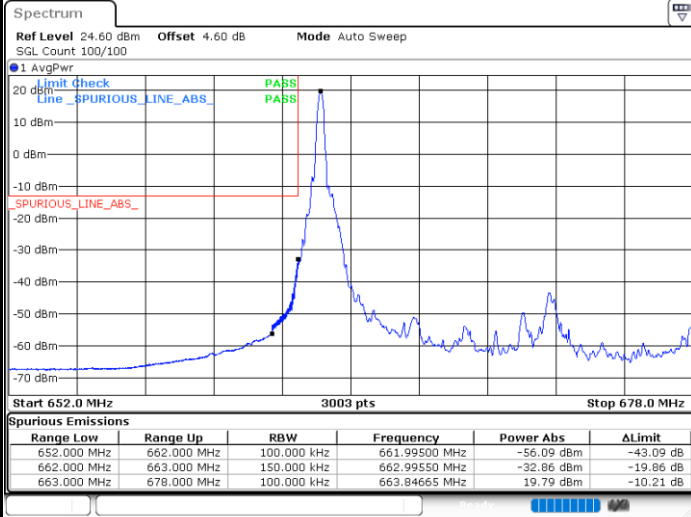


Date: 27.NOV.2022 23:12:06



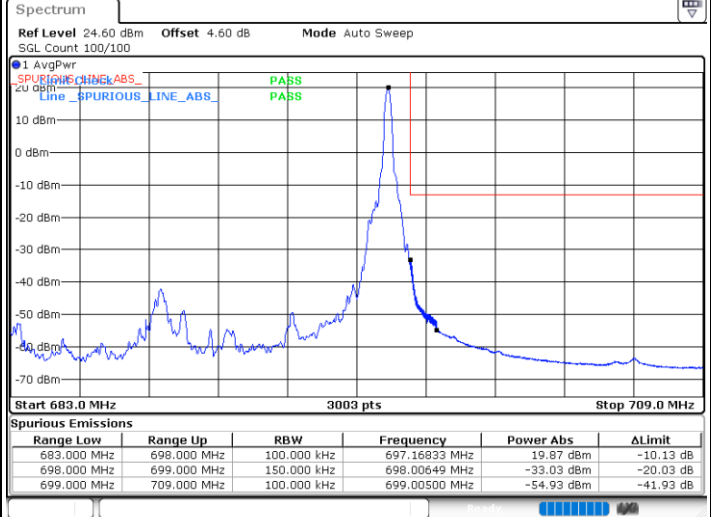
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB



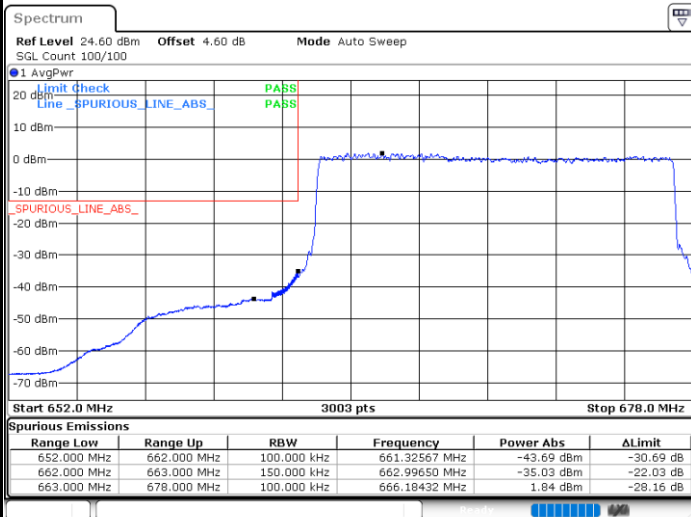
Date: 27.NOV.2022 23:29:37

Highest Band Edge / 1 RB



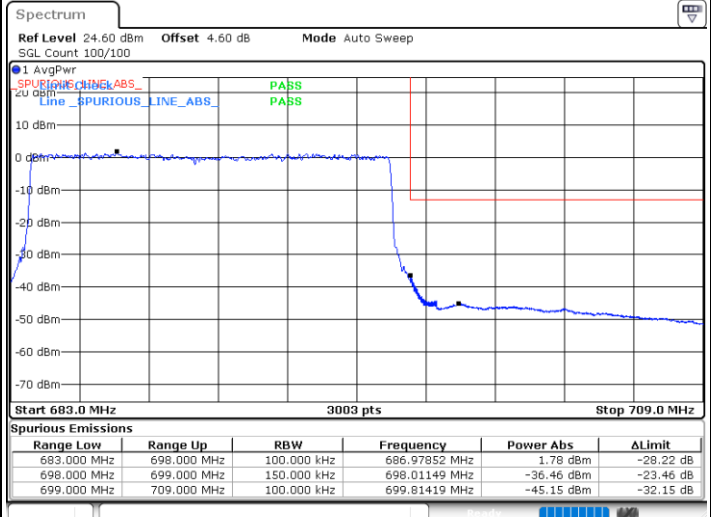
Date: 27.NOV.2022 23:45:52

Lowest Band Edge / Full RB



Date: 27.NOV.2022 23:37:07

Highest Band Edge / Full RB

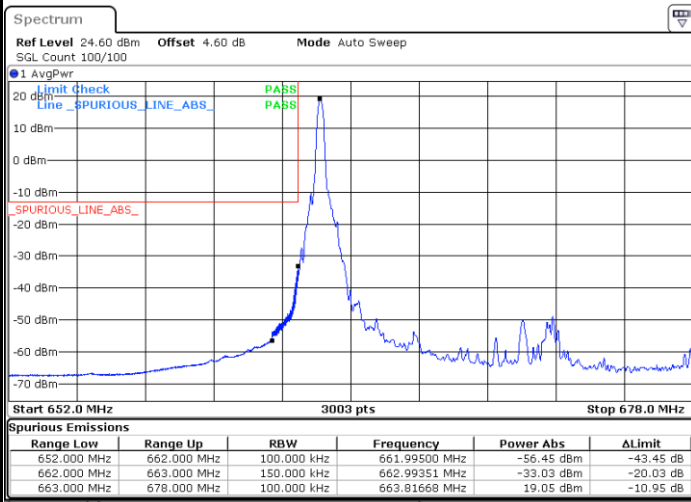


Date: 27.NOV.2022 23:38:05



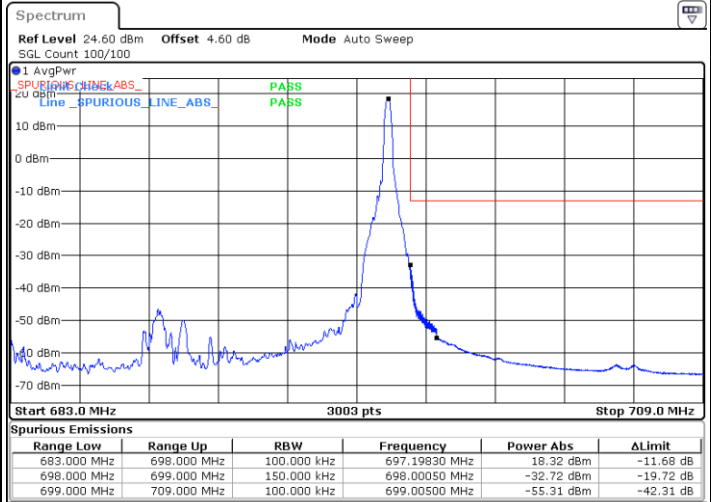
LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



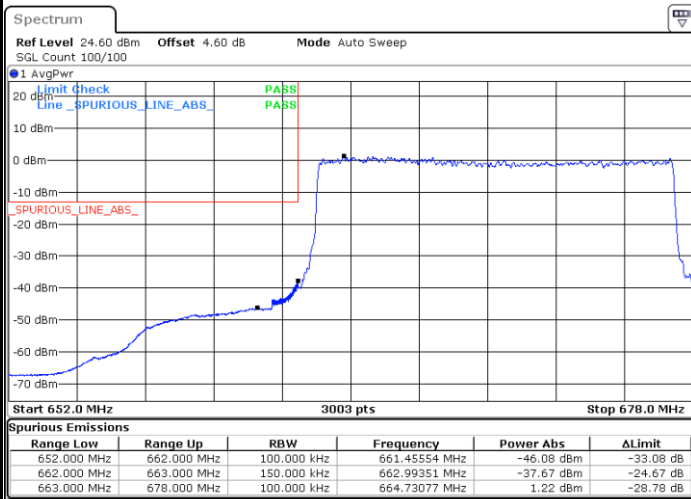
Date: 27.NOV.2022 23:30:34

Highest Band Edge / 1 RB



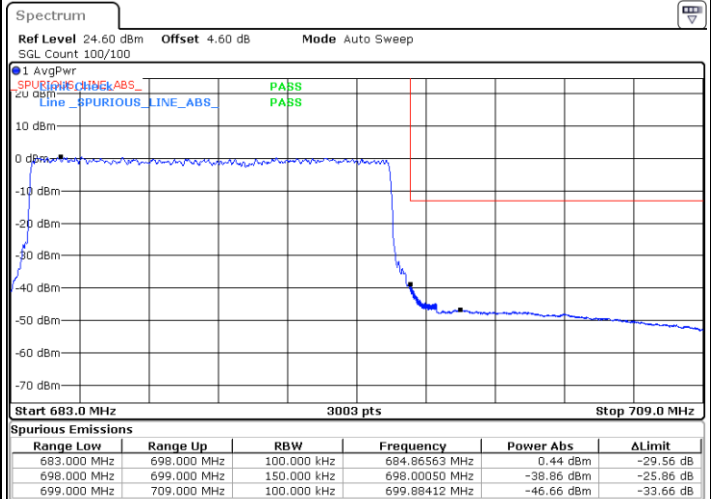
Date: 27.NOV.2022 23:44:20

Lowest Band Edge / Full RB



Date: 27.NOV.2022 23:36:02

Highest Band Edge / Full RB

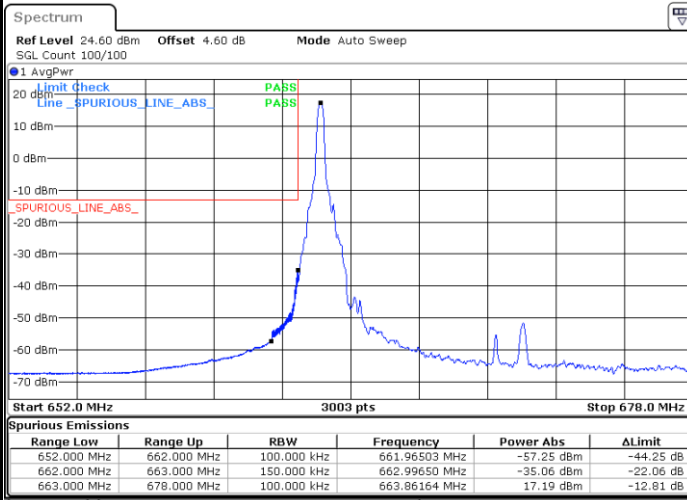


Date: 27.NOV.2022 23:39:07



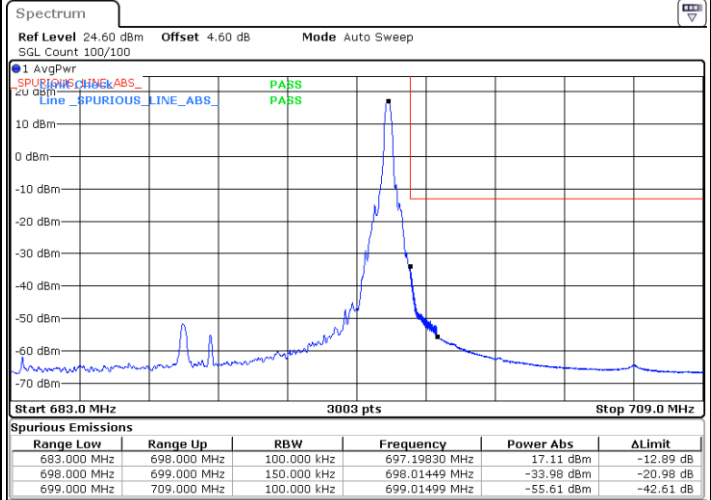
LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



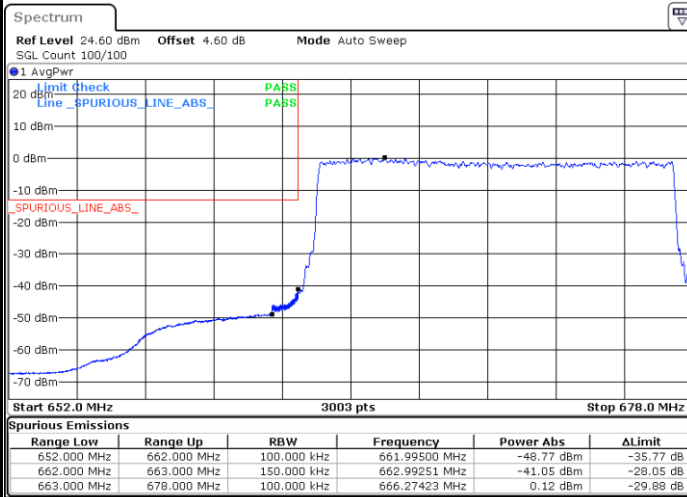
Date: 27.NOV.2022 23:31:41

Highest Band Edge / 1 RB



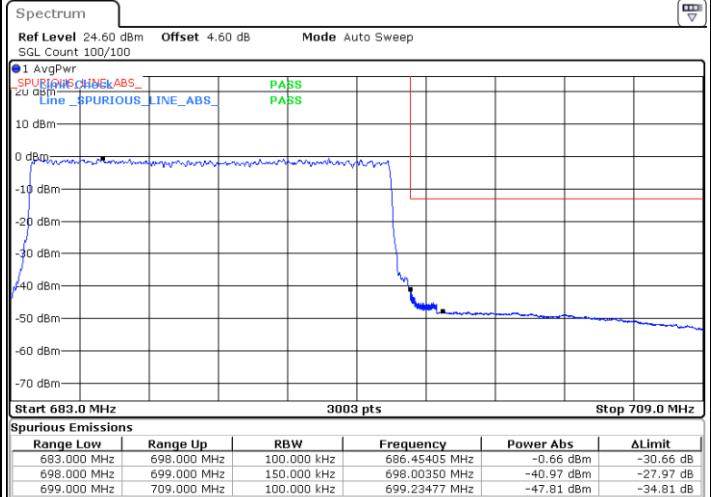
Date: 27.NOV.2022 23:43:27

Lowest Band Edge / Full RB



Date: 27.NOV.2022 23:35:01

Highest Band Edge / Full RB

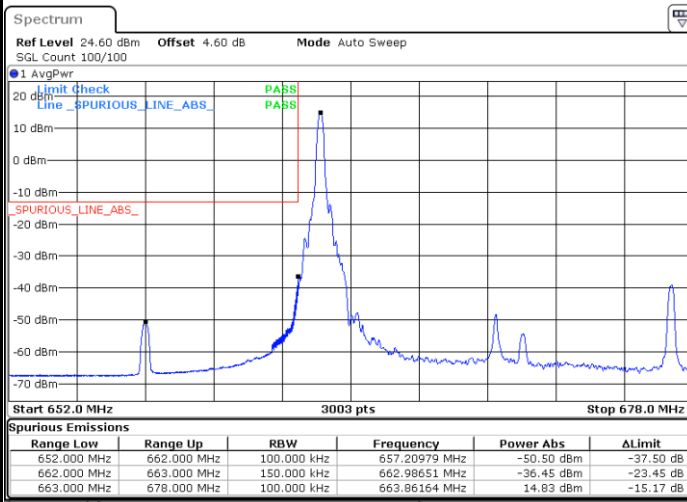


Date: 27.NOV.2022 23:40:03



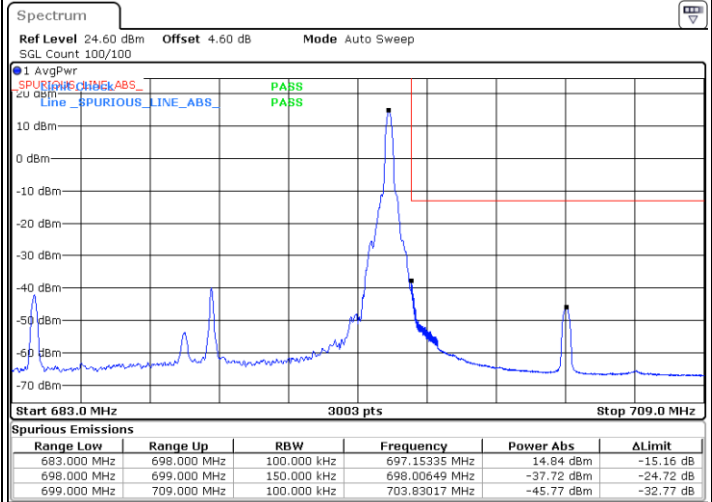
LTE Band 71 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



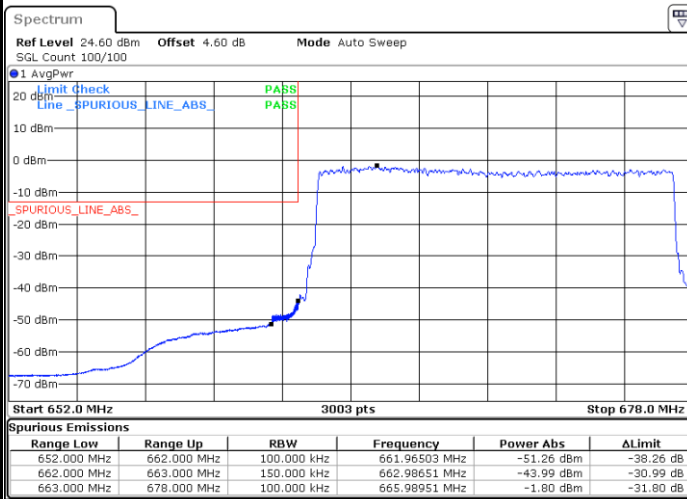
Date: 27.NOV.2022 23:32:40

Highest Band Edge / 1 RB



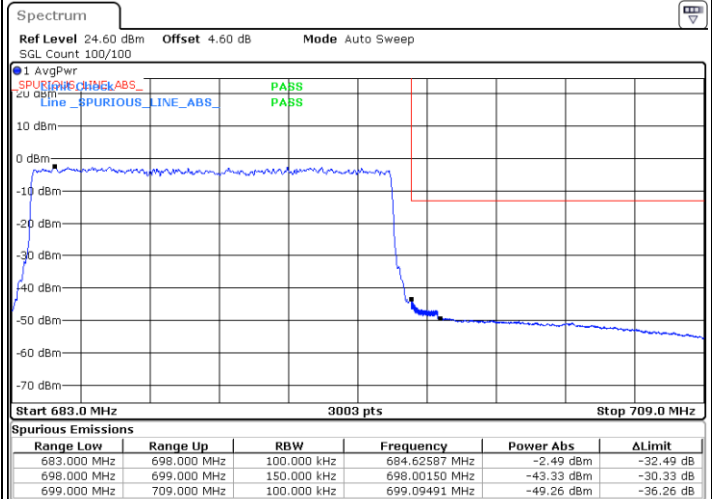
Date: 27.NOV.2022 23:42:27

Lowest Band Edge / Full RB



Date: 27.NOV.2022 23:33:52

Highest Band Edge / Full RB



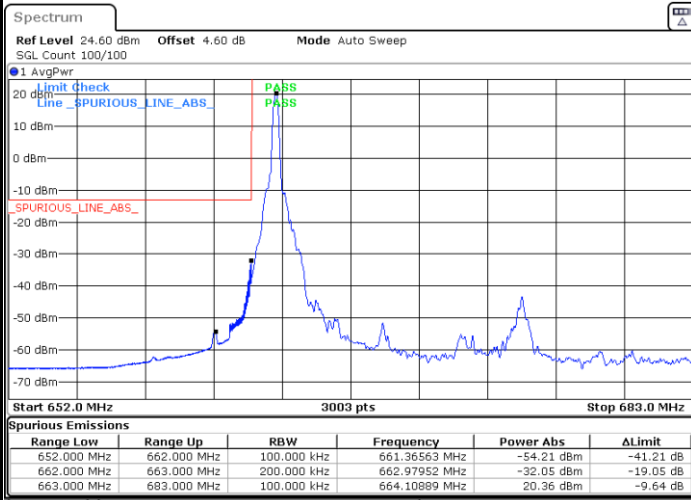
Date: 27.NOV.2022 23:41:17





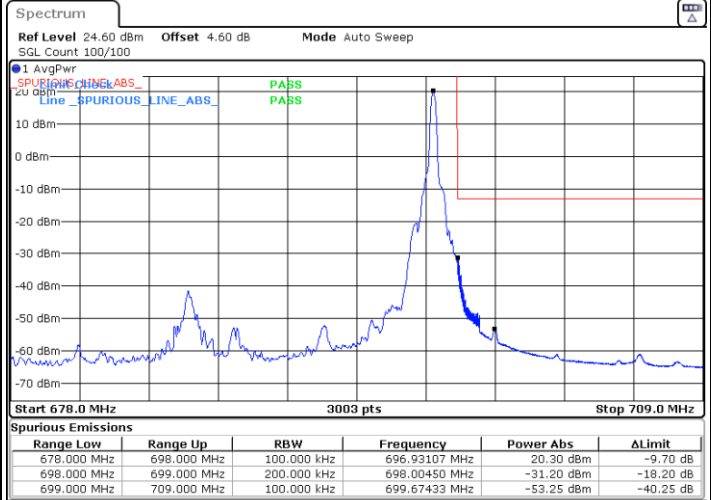
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB



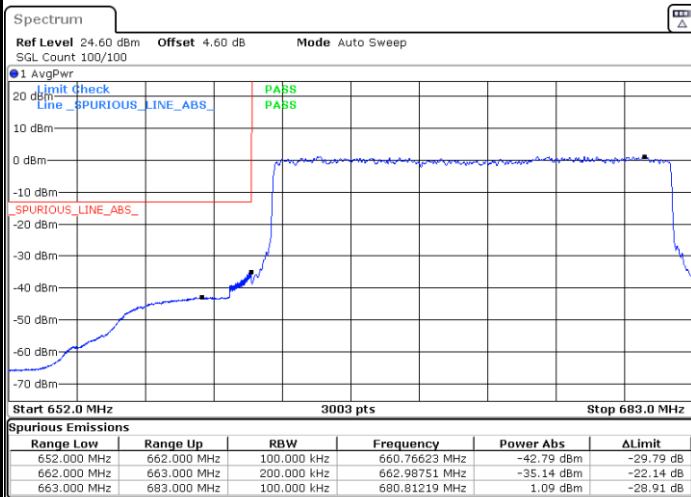
Date: 1.DEC.2022 10:17:25

Highest Band Edge / 1 RB



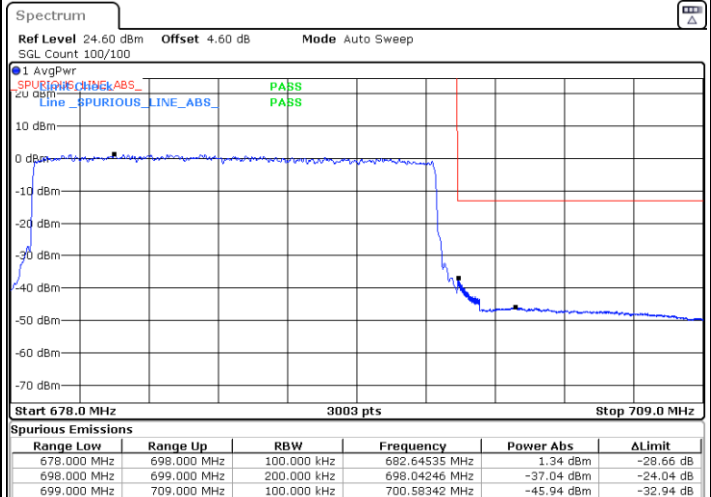
Date: 1.DEC.2022 10:37:47

Lowest Band Edge / Full RB



Date: 1.DEC.2022 10:26:56

Highest Band Edge / Full RB

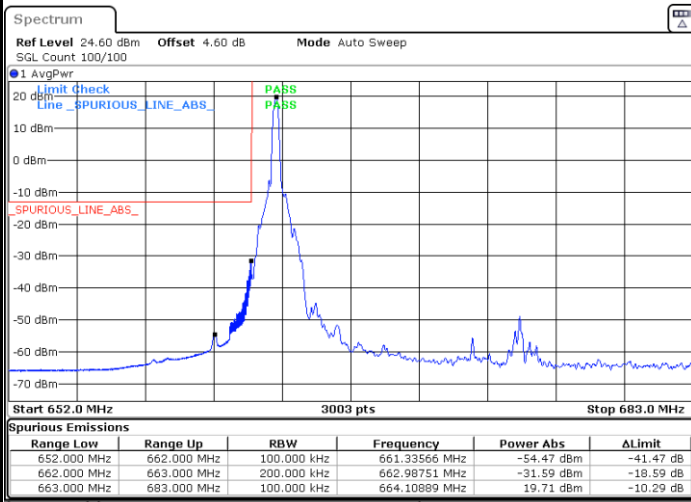


Date: 1.DEC.2022 10:28:17



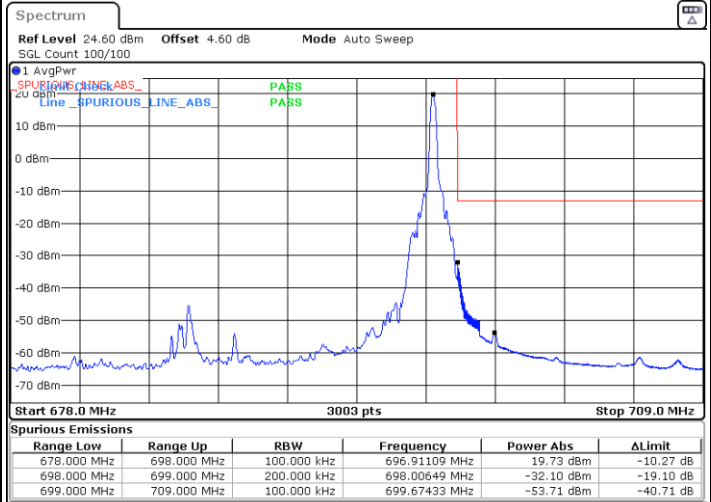
LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



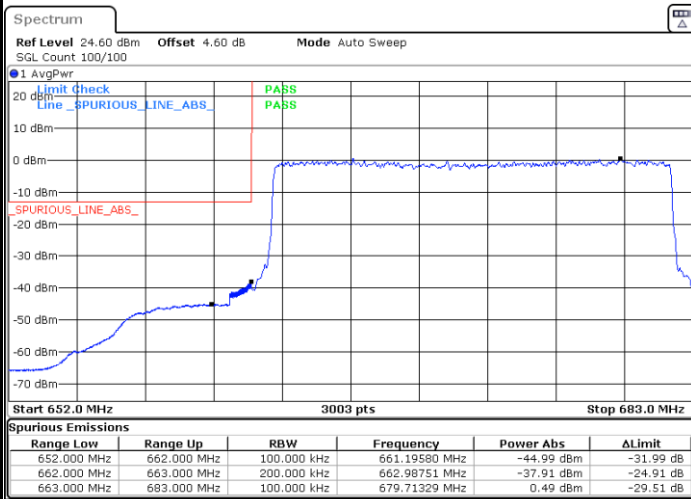
Date: 1.DEC.2022 10:18:46

Highest Band Edge / 1RB



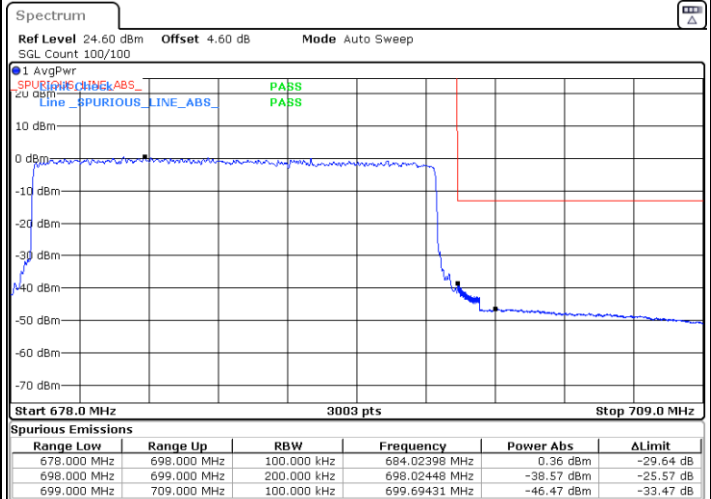
Date: 1.DEC.2022 10:36:26

Lowest Band Edge / Full RB



Date: 1.DEC.2022 10:25:35

Highest Band Edge / Full RB

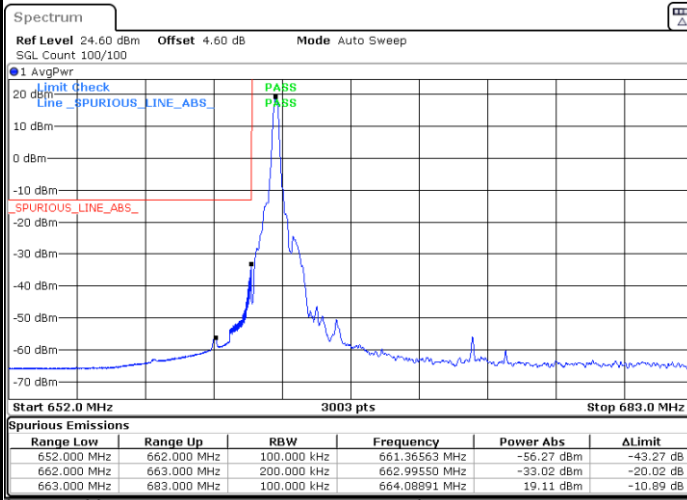


Date: 1.DEC.2022 10:29:38



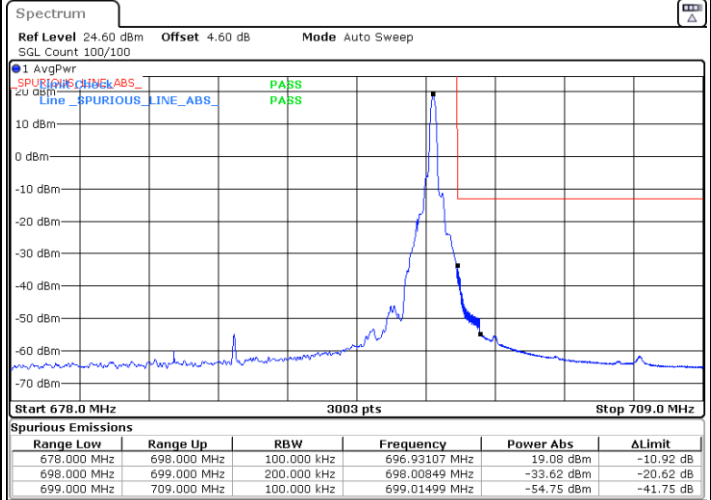
LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



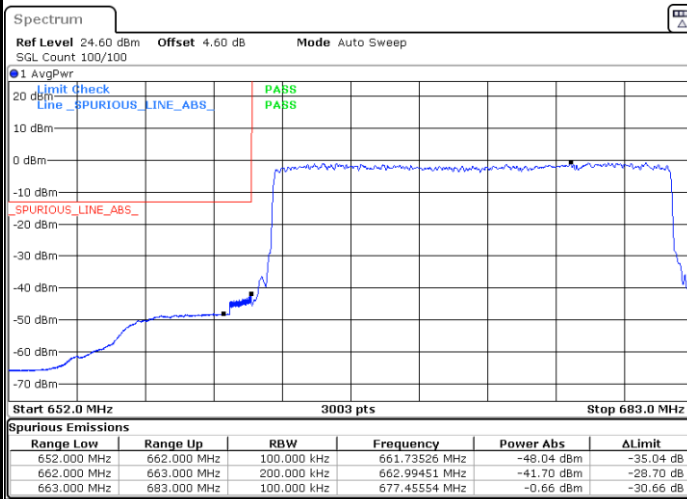
Date: 1.DEC.2022 10:20:07

Highest Band Edge / 1 RB



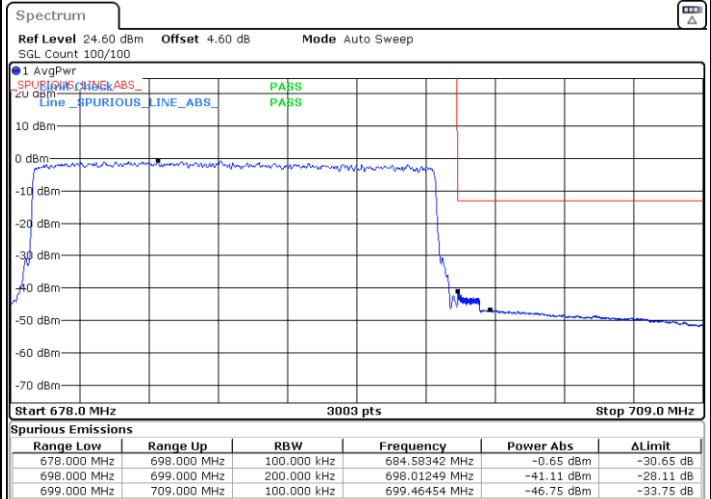
Date: 1.DEC.2022 10:35:05

Lowest Band Edge / Full RB



Date: 1.DEC.2022 10:24:14

Highest Band Edge / Full RB

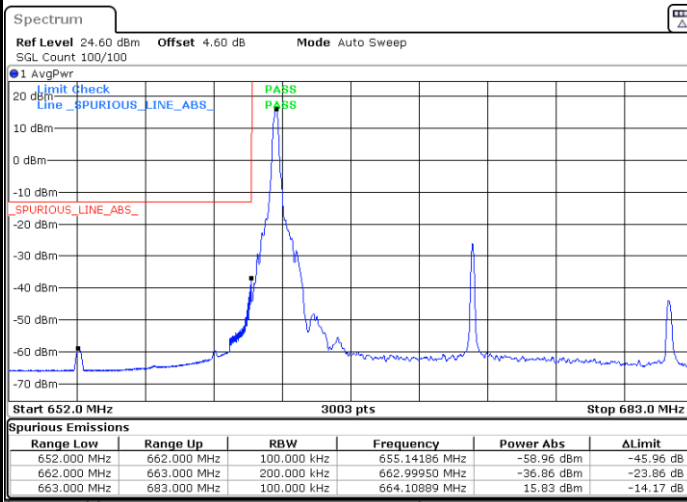


Date: 1.DEC.2022 10:30:58



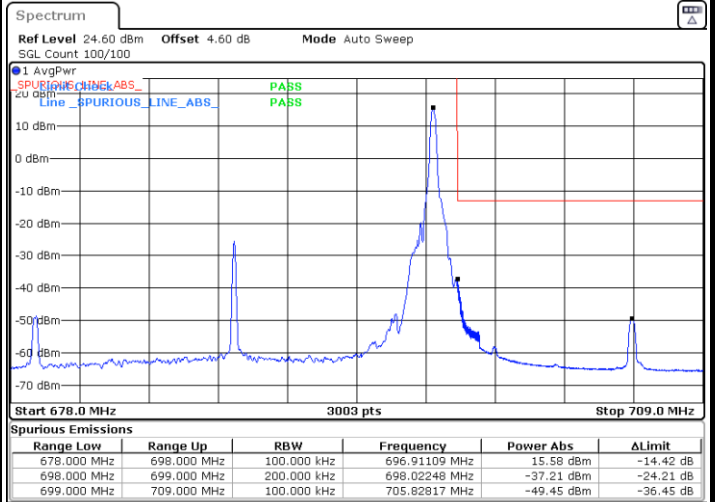
LTE Band 71 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



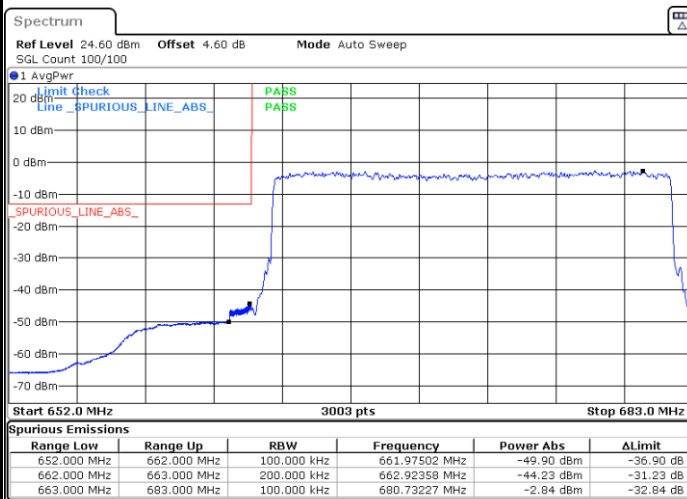
Date: 1.DEC.2022 10:21:28

Highest Band Edge / 1 RB



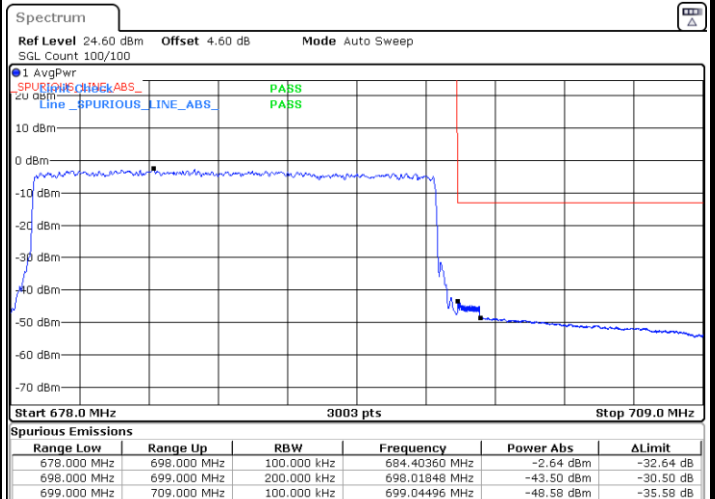
Date: 1.DEC.2022 10:33:42

Lowest Band Edge / Full RB



Date: 1.DEC.2022 10:22:51

Highest Band Edge / Full RB



Date: 1.DEC.2022 10:32:19

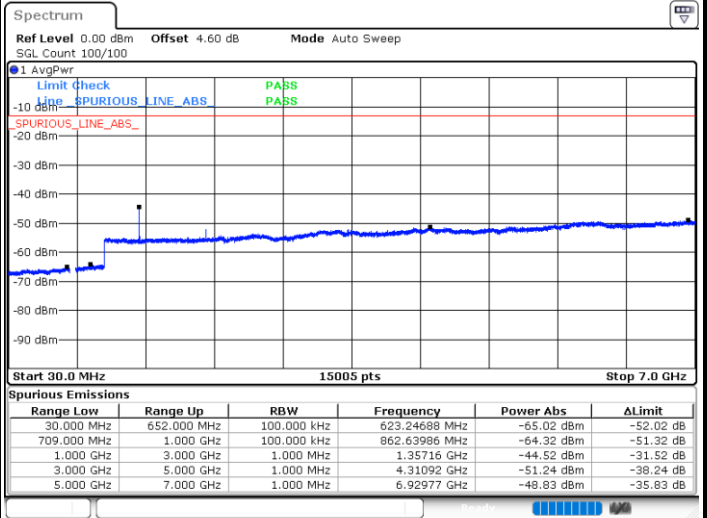
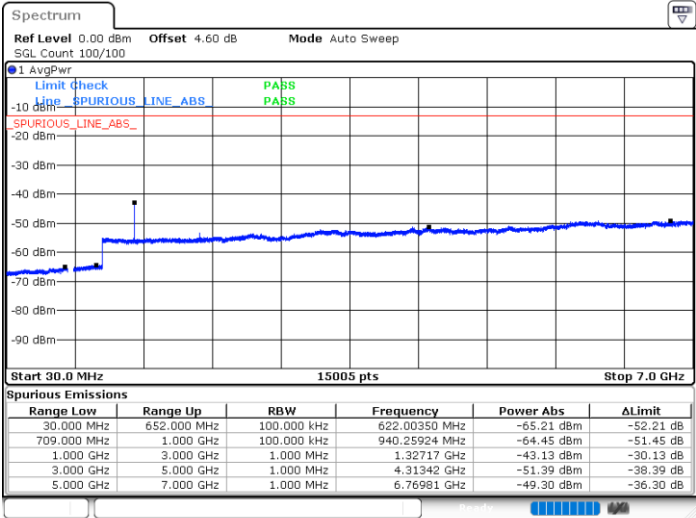


# Conducted Spurious Emission

## LTE Band 71 / 5MHz

### Lowest Channel / QPSK

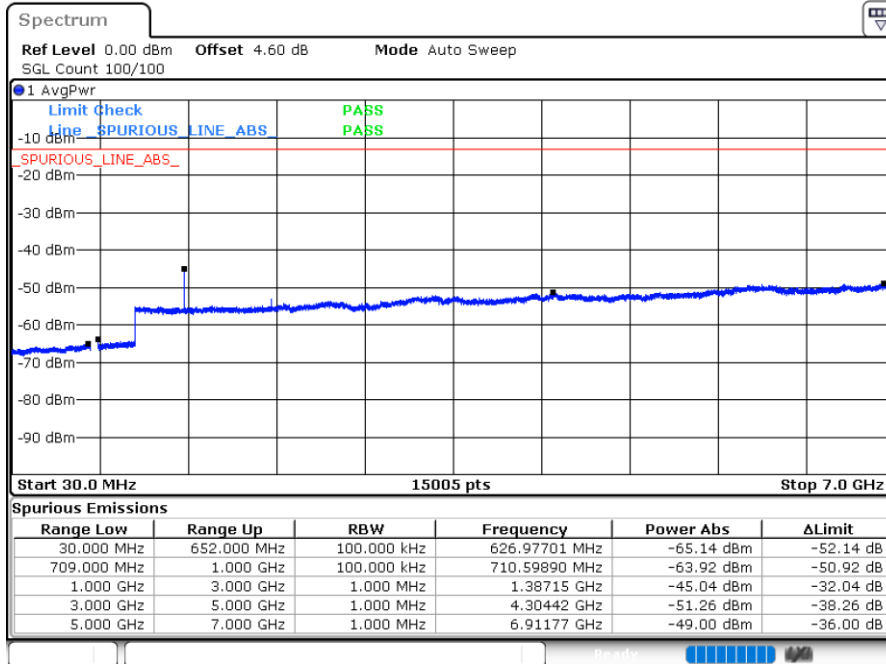
### Middle Channel / QPSK



Date: 27.NOV.2022 22:58:01

Date: 27.NOV.2022 22:57:18

### Highest Channel / QPSK



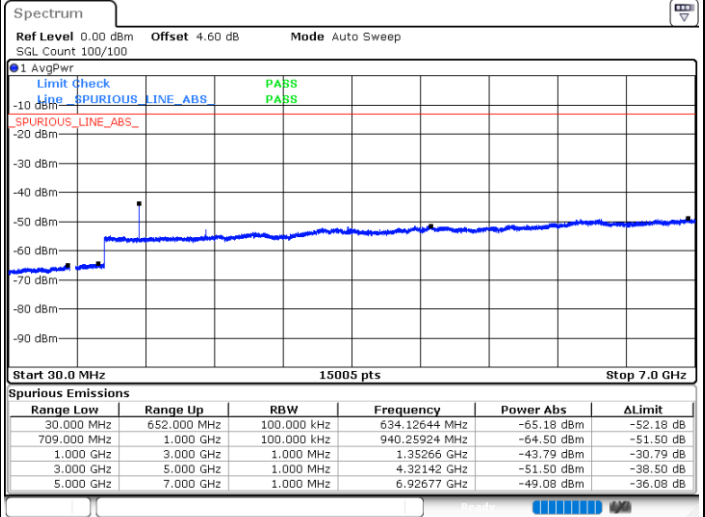
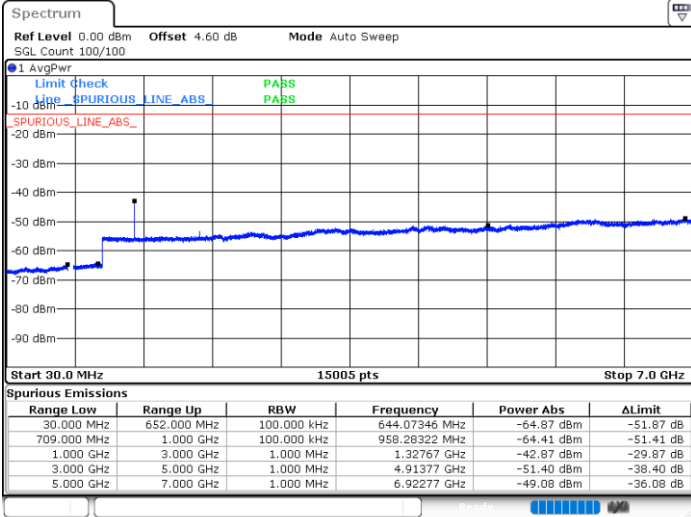
Date: 27.NOV.2022 22:56:27



LTE Band 71 / 10MHz

Lowest Channel / QPSK

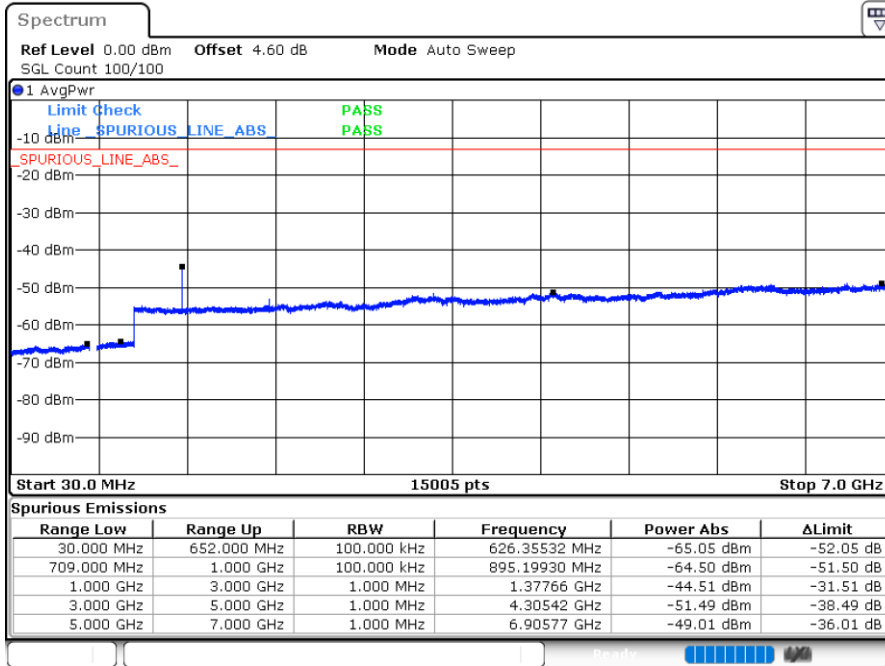
Middle Channel / QPSK



Date: 27.NOV.2022 23:25:23

Date: 27.NOV.2022 23:24:40

Highest Channel / QPSK



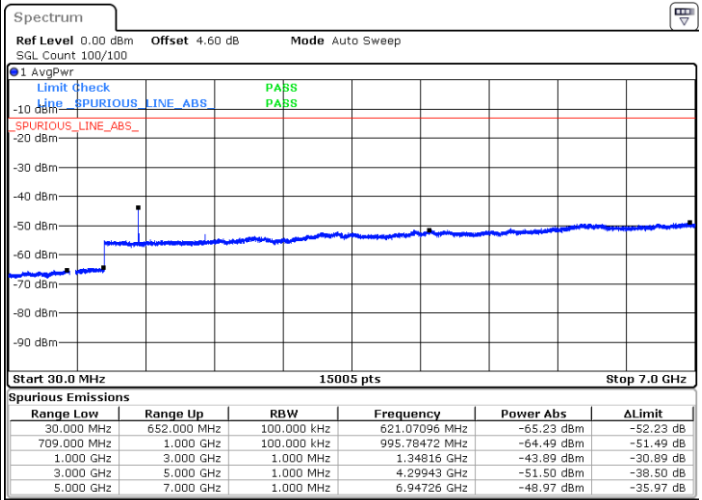
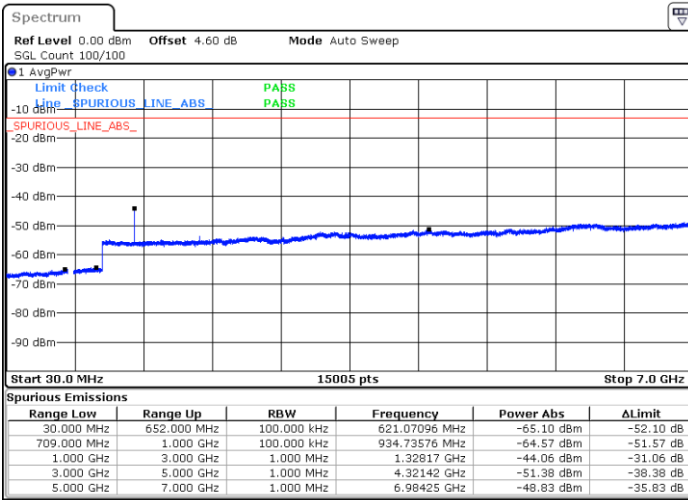
Date: 27.NOV.2022 23:23:45



LTE Band 71 / 15MHz

Lowest Channel / QPSK

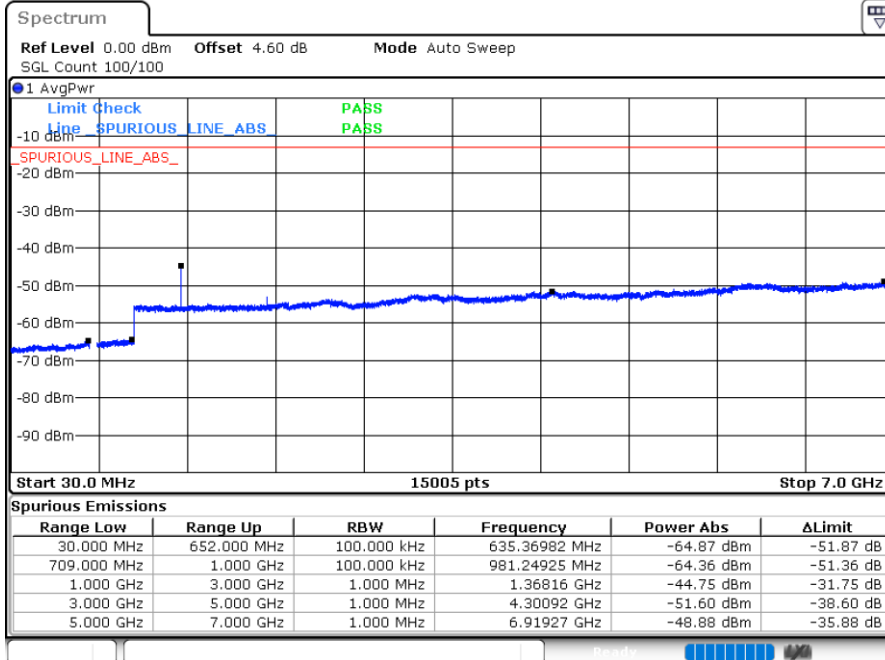
Middle Channel / QPSK



Date: 27.NOV.2022 23:48:26

Date: 27.NOV.2022 23:47:39

Highest Channel / QPSK



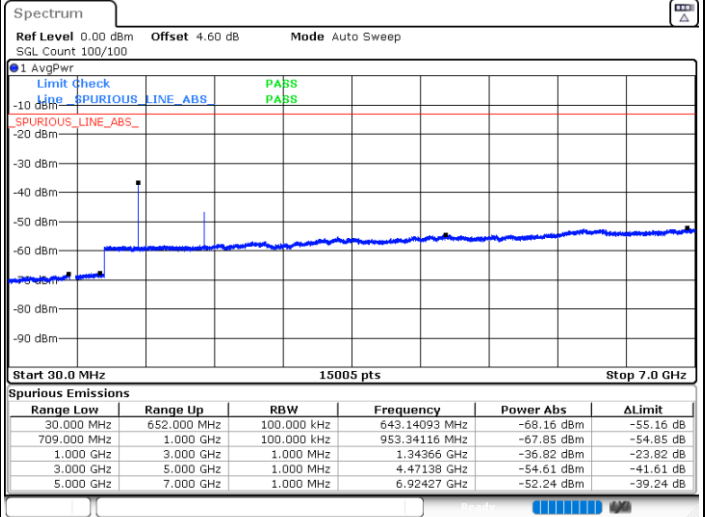
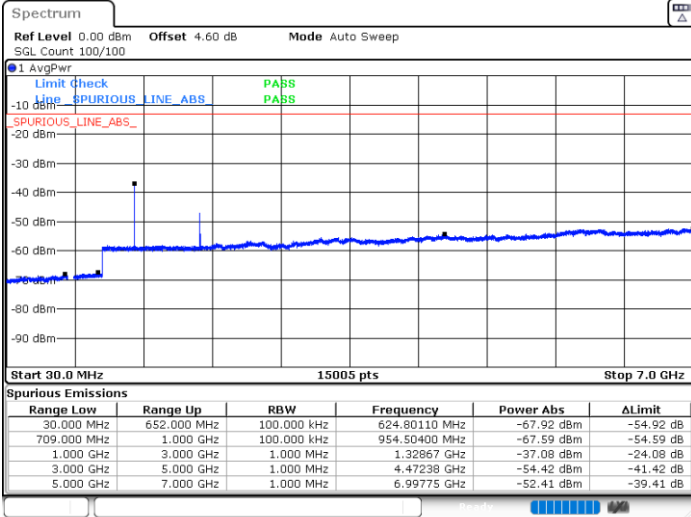
Date: 27.NOV.2022 23:46:36



LTE Band 71 / 20MHz

Lowest Channel / QPSK

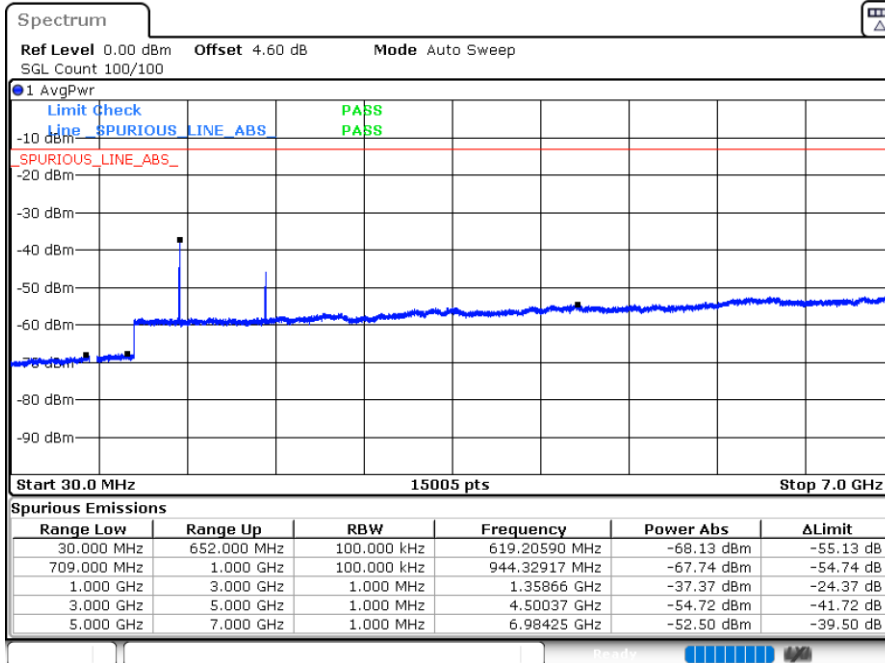
Middle Channel / QPSK



Date: 1.DEC.2022 10:39:07

Date: 1.DEC.2022 10:40:27

Highest Channel / QPSK



Date: 1.DEC.2022 10:41:46





### 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	0.0022	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0021	

**Note:**

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



# LTE Band 7C

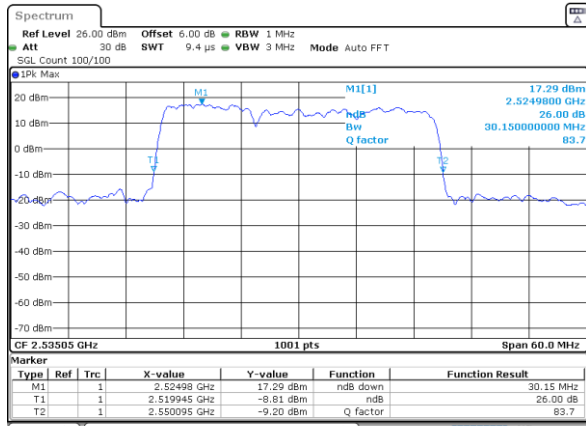
## 26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	30.15	29.97
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.38	25.48
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.75	30.75
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	34.97	35.18
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.15	29.91
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	35.11	35.11
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	40.04	40.12



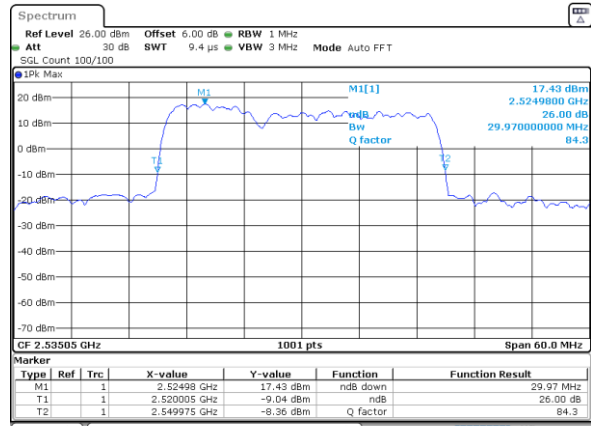
LTE Band 7

Middle Channel / 10MHz+20MHz / QPSK



Date: 1.DEC.2022 10:51:00

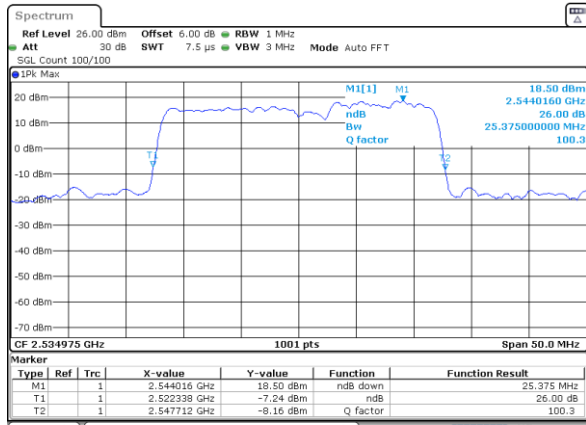
Middle Channel / 10MHz+20MHz / 16QAM



Date: 1.DEC.2022 10:51:52

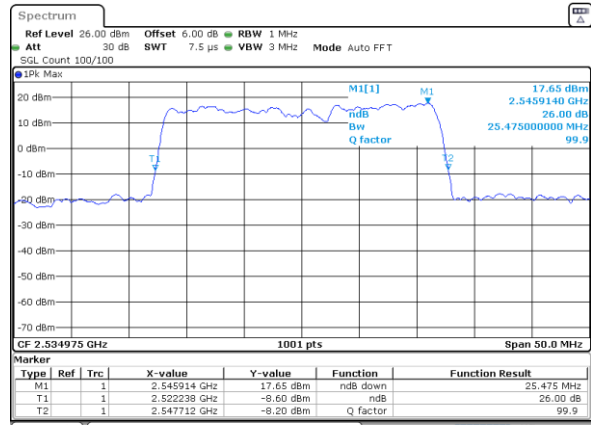
LTE Band 7

Middle Channel / 15MHz+10MHz / QPSK



Date: 1.DEC.2022 11:11:56

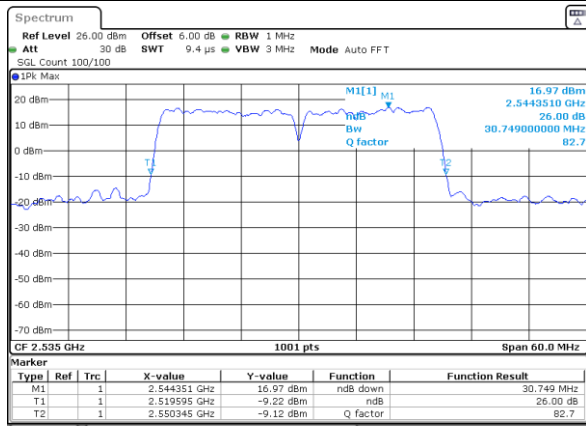
Middle Channel / 15MHz+10MHz / 16QAM



Date: 1.DEC.2022 11:10:49

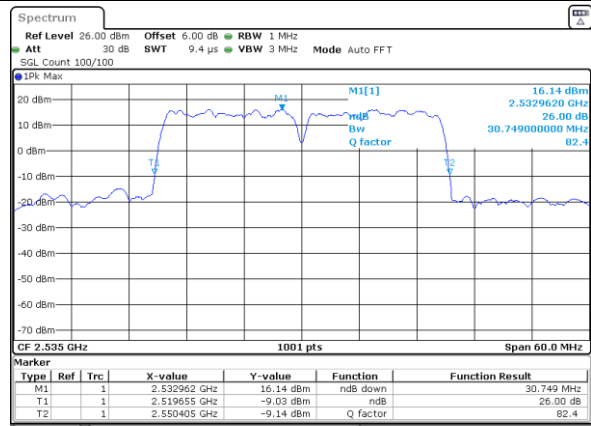
LTE Band 7

Middle Channel / 15MHz+15MHz / QPSK



Date: 1.DEC.2022 10:59:57

Middle Channel / 15MHz+15MHz / 16QAM

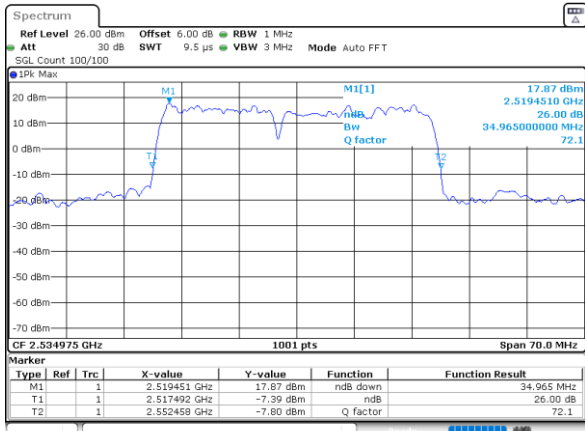


Date: 1.DEC.2022 11:02:05



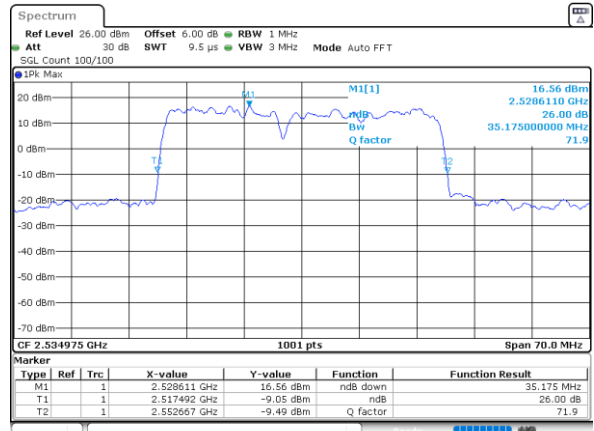
LTE Band 7

Middle Channel / 15MHz+20MHz / QPSK



Date: 1.DEC.2022 11:06:27

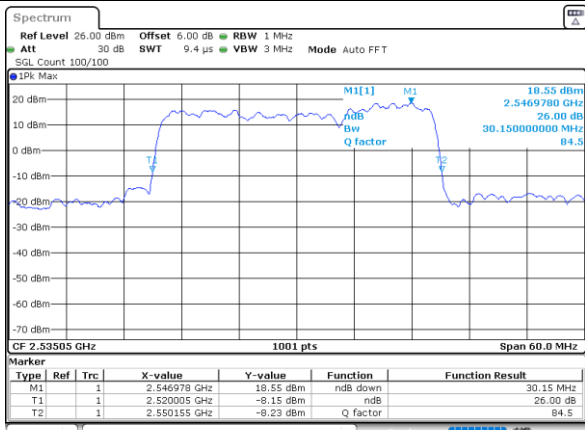
Middle Channel / 15MHz+20MHz / 16QAM



Date: 1.DEC.2022 11:04:47

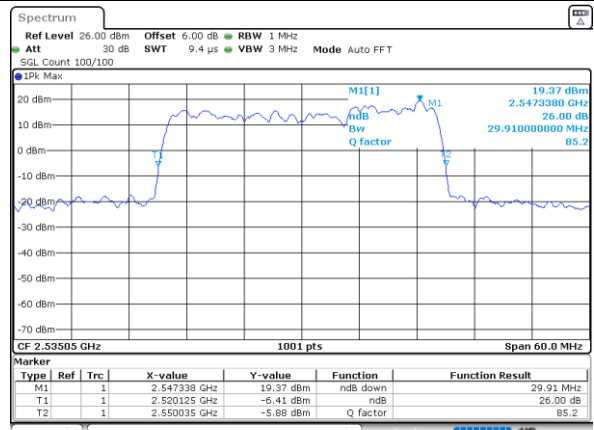
LTE Band 7

Middle Channel / 20MHz+10MHz / QPSK



Date: 1.DEC.2022 10:57:34

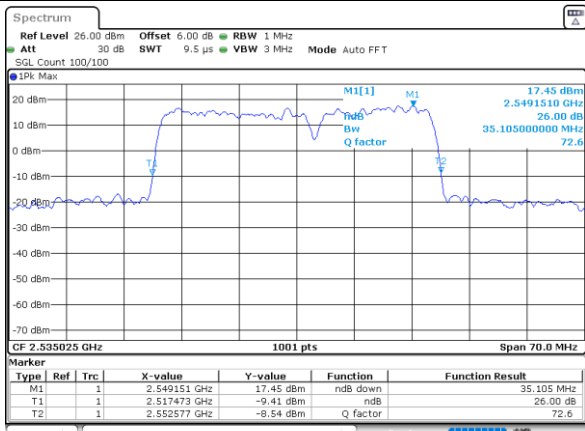
Middle Channel / 20MHz+10MHz / 16QAM



Date: 1.DEC.2022 10:54:32

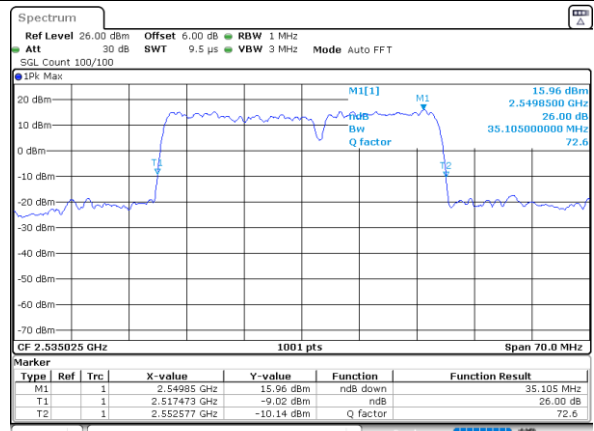
LTE Band 7

Middle Channel / 20MHz+15MHz / QPSK



Date: 1.DEC.2022 11:08:18

Middle Channel / 20MHz+15MHz / 16QAM

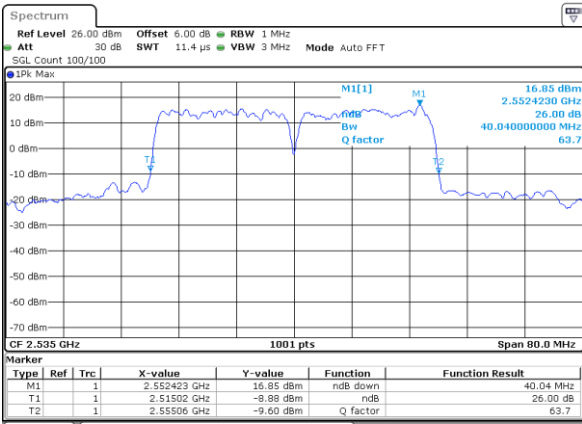


Date: 1.DEC.2022 11:09:23



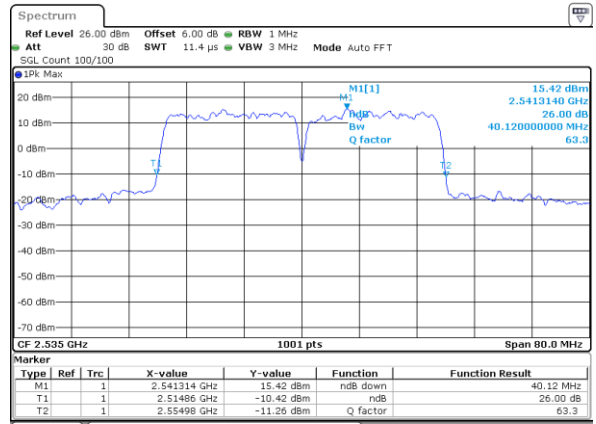
LTE Band 7

Middle Channel / 20MHz+20MHz / QPSK



Date: 29.NOV.2022 04:22:48

Middle Channel / 20MHz+20MHz / 16QAM



Date: 29.NOV.2022 04:23:50



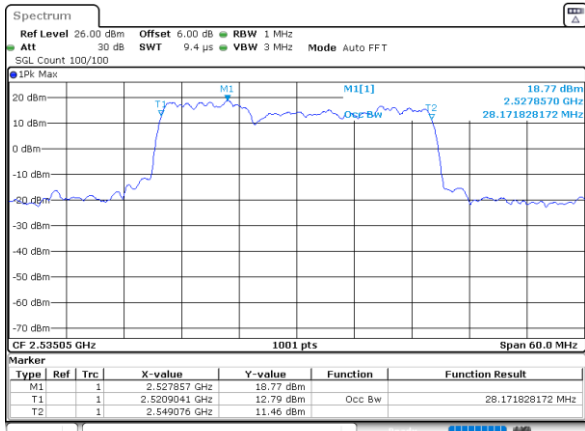
Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	28.17	28.05
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.48	23.53
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.77	28.77
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	32.94	32.94
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.23	28.11
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	33.01	32.87
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.88	37.72



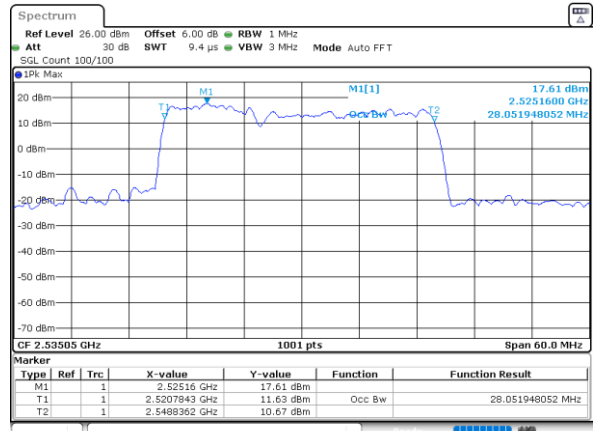
LTE Band 7

Middle Channel / 10MHz+20MHz / QPSK



Date: 1.DEC.2022 10:50:33

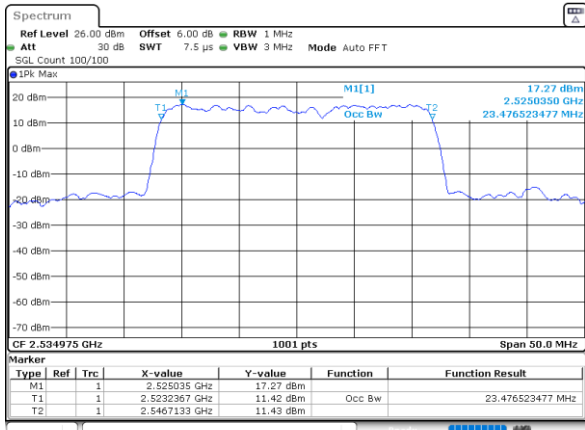
Middle Channel / 10MHz+20MHz / 16QAM



Date: 1.DEC.2022 10:51:26

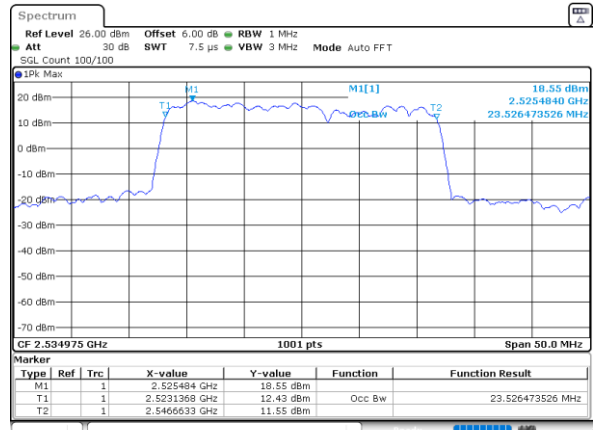
LTE Band 7

Middle Channel / 15MHz+10MHz / QPSK



Date: 1.DEC.2022 11:11:22

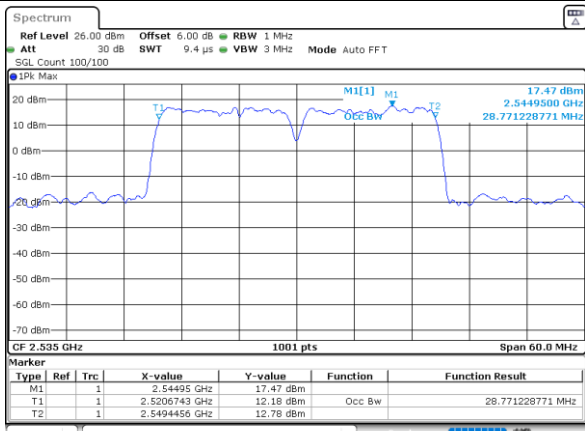
Middle Channel / 15MHz+10MHz / 16QAM



Date: 1.DEC.2022 11:10:21

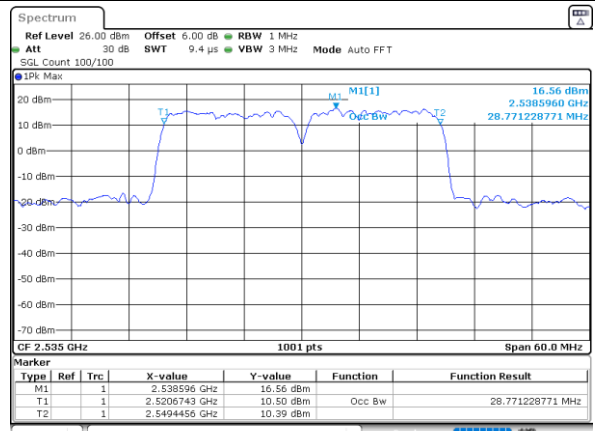
LTE Band 7

Middle Channel / 15MHz+15MHz / QPSK



Date: 1.DEC.2022 10:59:19

Middle Channel / 15MHz+15MHz / 16QAM

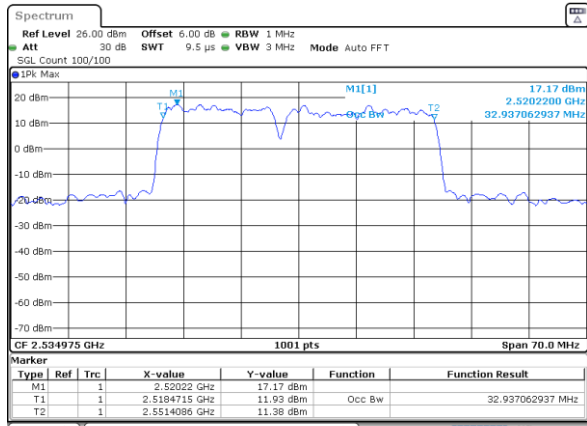


Date: 1.DEC.2022 11:01:25



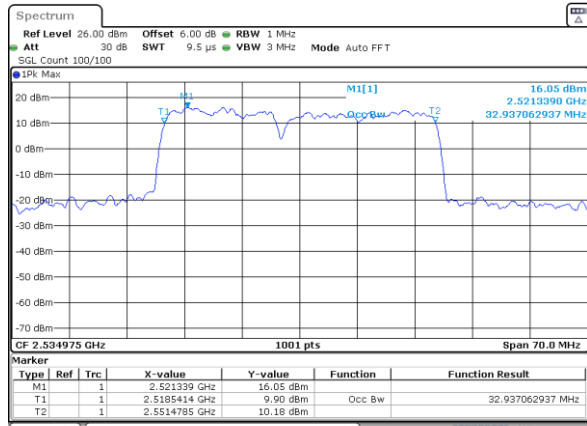
LTE Band 7

Middle Channel / 15MHz+20MHz / QPSK



Date: 1.DEC.2022 11:05:134

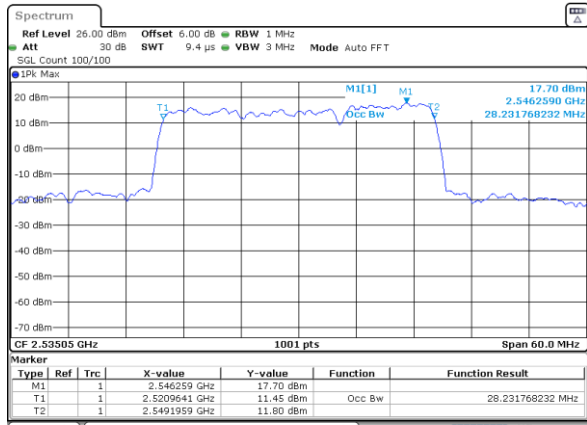
Middle Channel / 15MHz+20MHz / 16QAM



Date: 1.DEC.2022 11:04:07

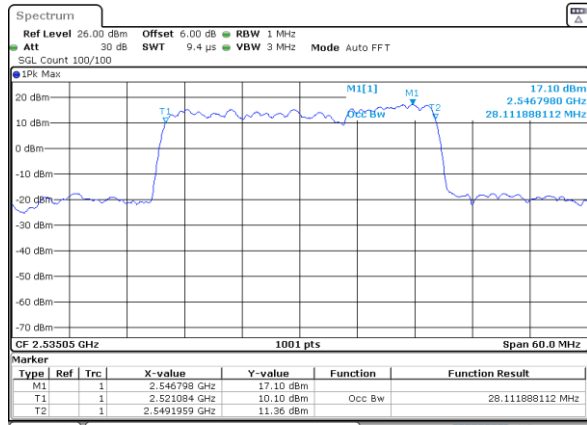
LTE Band 7

Middle Channel / 20MHz+10MHz / QPSK



Date: 1.DEC.2022 10:56:143

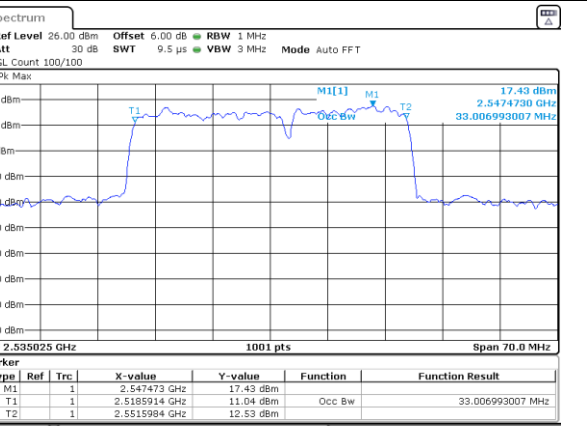
Middle Channel / 20MHz+10MHz / 16QAM



Date: 1.DEC.2022 10:53:37

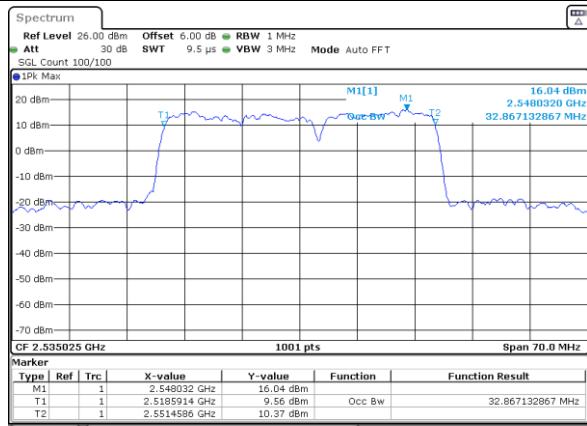
LTE Band 7

Middle Channel / 20MHz+15MHz / QPSK



Date: 1.DEC.2022 11:07:131

Middle Channel / 20MHz+15MHz / 16QAM



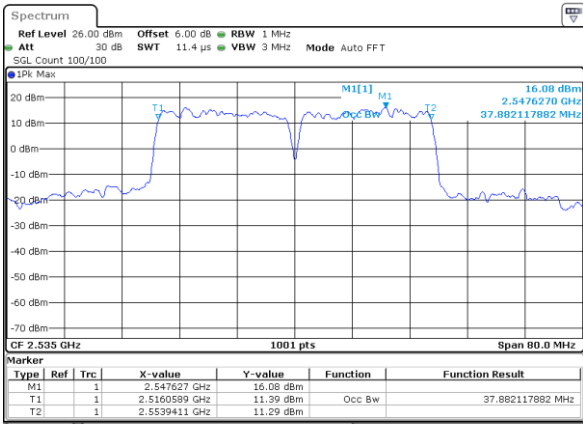
Date: 1.DEC.2022 11:08:49





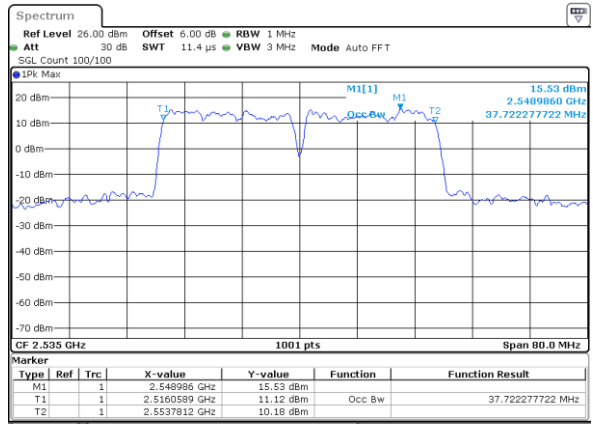
LTE Band 7

Middle Channel / 20MHz+20MHz / QPSK



Date: 29,NOV,2022 04:22:21

Middle Channel / 20MHz+20MHz / 16QAM



Date: 29,NOV,2022 04:23:22

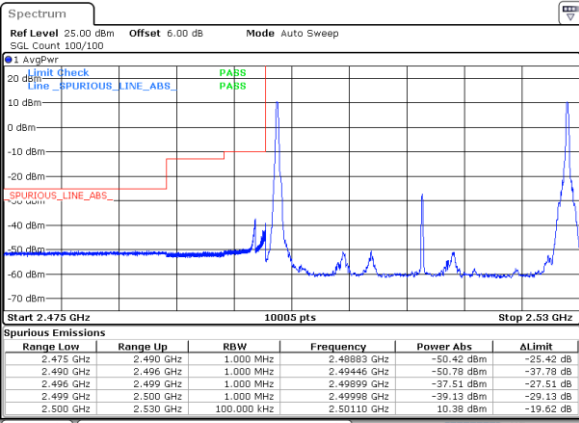


# Conducted Band Edge

## LTE Band 7 / 10MHz+20MHz

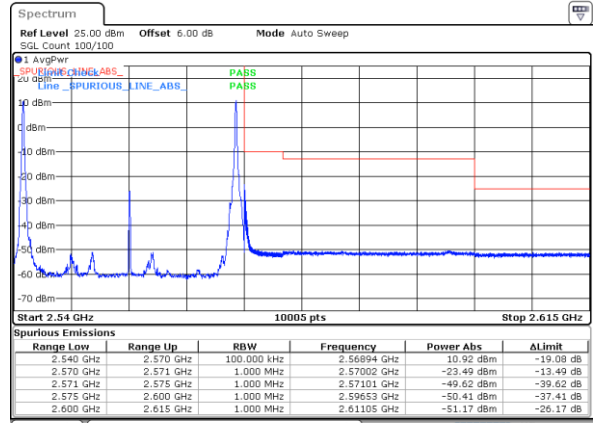
### QPSK

#### Lowest Band Edge / 1RB0 and 1RB99



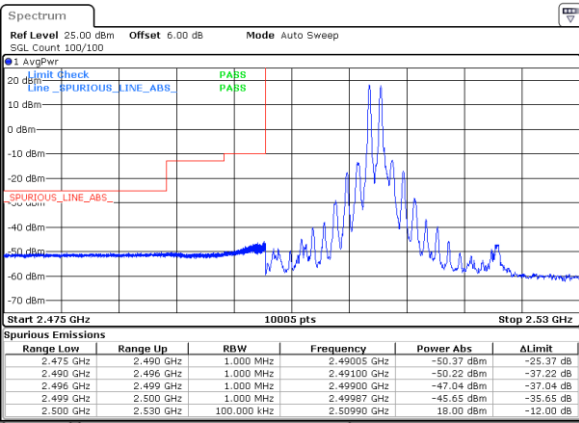
Date: 28.NOV.2022 23:37:16

#### Highest Band Edge / 1RB0 and 1RB99



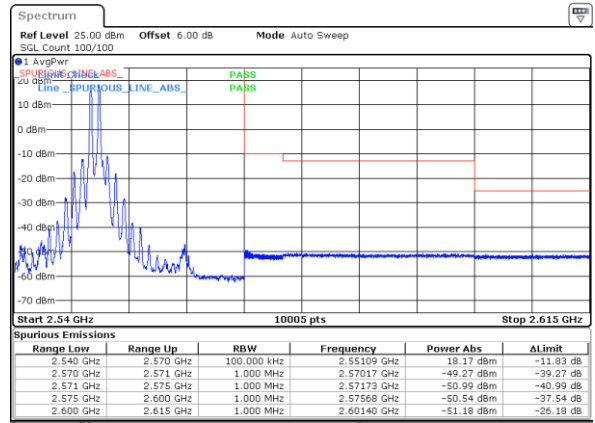
Date: 28.NOV.2022 23:56:03

#### Lowest Band Edge / 1RB49 and 1RB0



Date: 28.NOV.2022 23:42:29

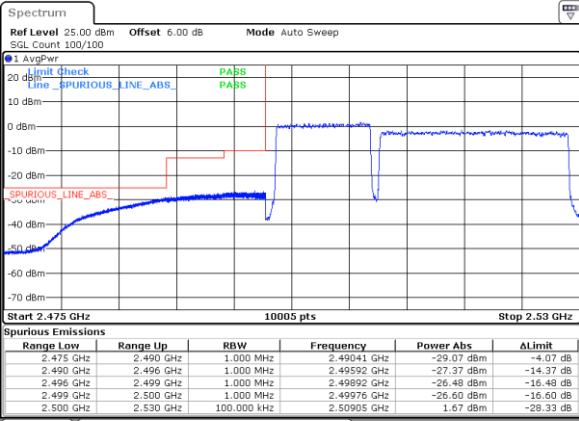
#### Highest Band Edge / 1RB49 and 1RB0



Date: 29.NOV.2022 00:01:17

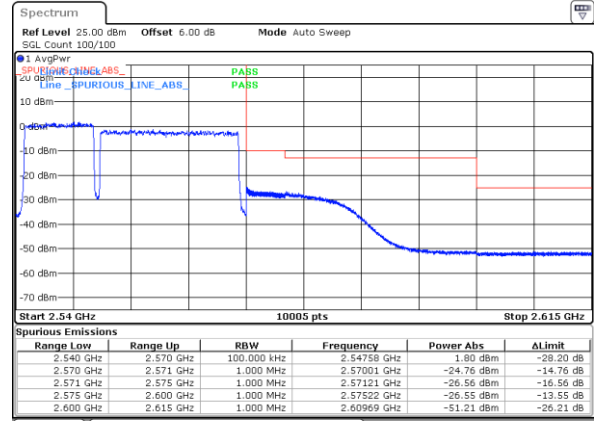


Lowest Band Edge / Full RB



Date: 29\_NOV\_2022 23:47:43

Highest Band Edge / Full RB



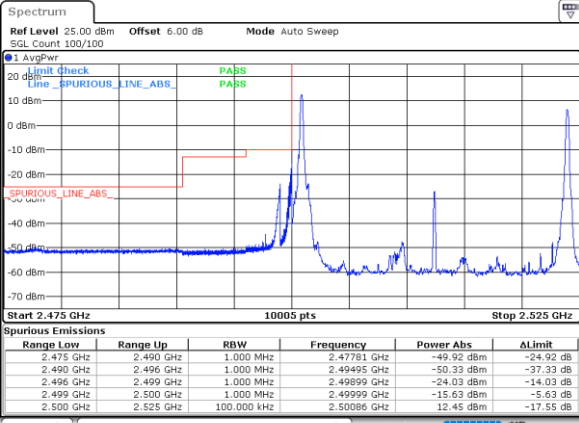
Date: 29\_NOV\_2022 00:06:30



LTE Band 7 / 15MHz+10MHz

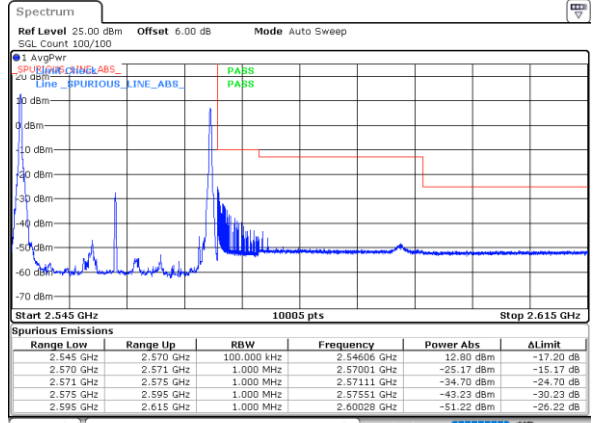
QPSK

Lowest Band Edge / 1RB0 and 1RB49



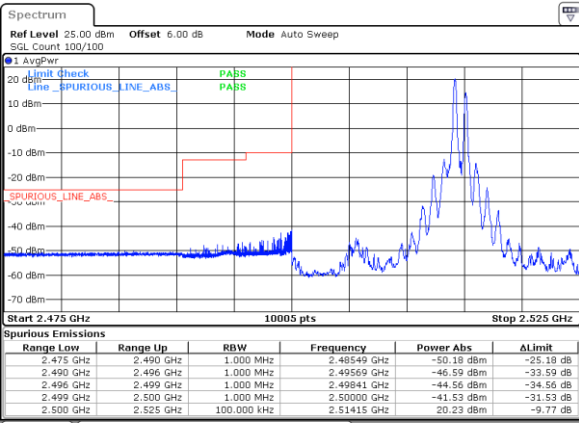
Date: 29\_NOV\_2022 00:13:16

Highest Band Edge / 1RB0 and 1RB49



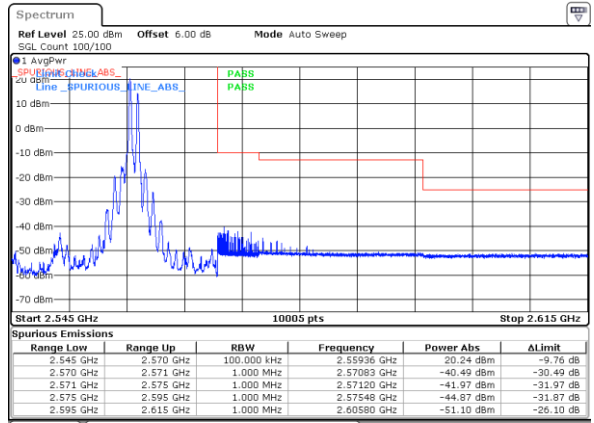
Date: 29\_NOV\_2022 00:32:08

Lowest Band Edge / 1RB74 and 1RB0



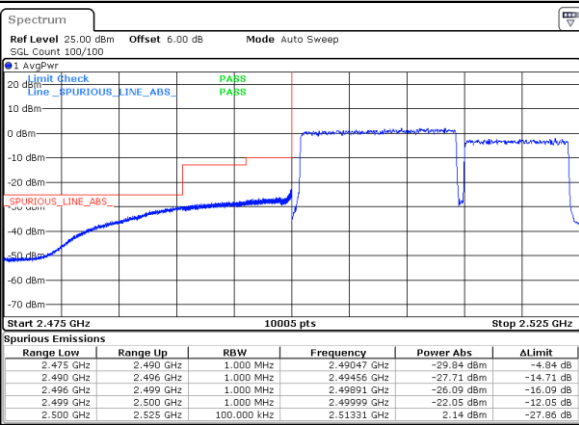
Date: 29\_NOV\_2022 00:18:32

Highest Band Edge / 1RB74 and 1RB0



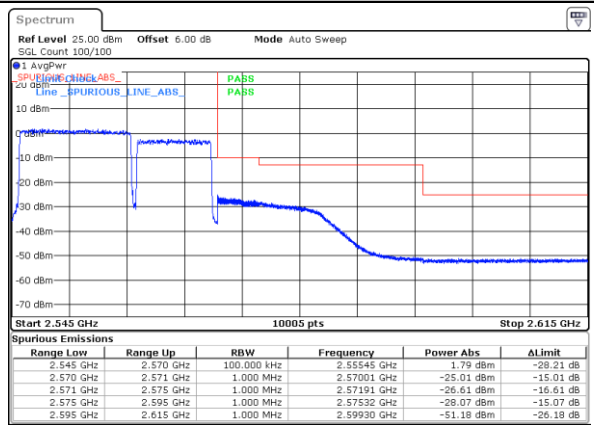
Date: 29\_NOV\_2022 00:37:20

Lowest Band Edge / Full RB



Date: 29\_NOV\_2022 00:23:47

Highest Band Edge / Full RB



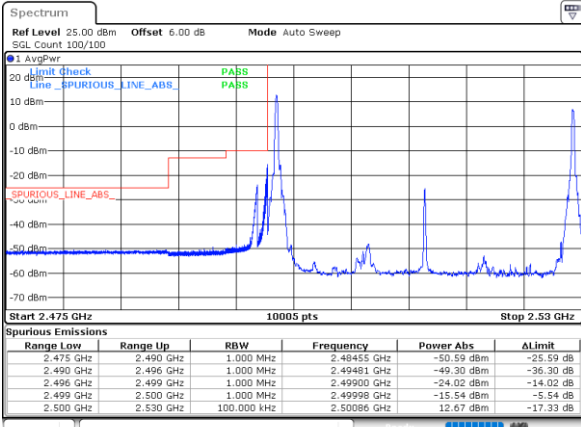
Date: 29\_NOV\_2022 00:42:36



LTE Band 7 / 15MHz+15MHz

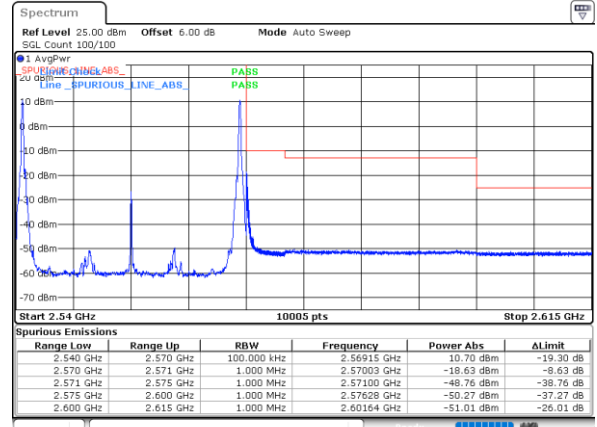
QPSK

Lowest Band Edge / 1RB0 and 1RB74



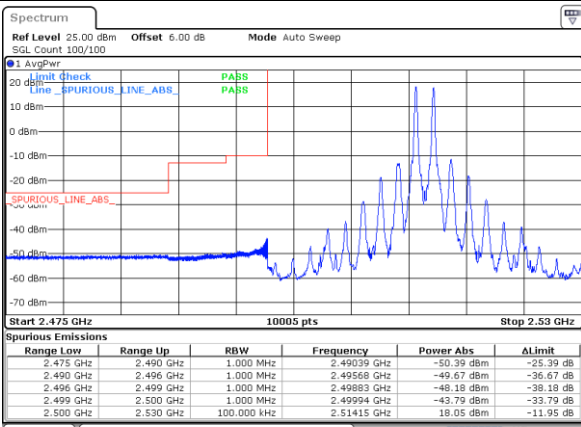
Date: 29.NOV.2022 00:49:27

Highest Band Edge / 1RB0 and 1RB74



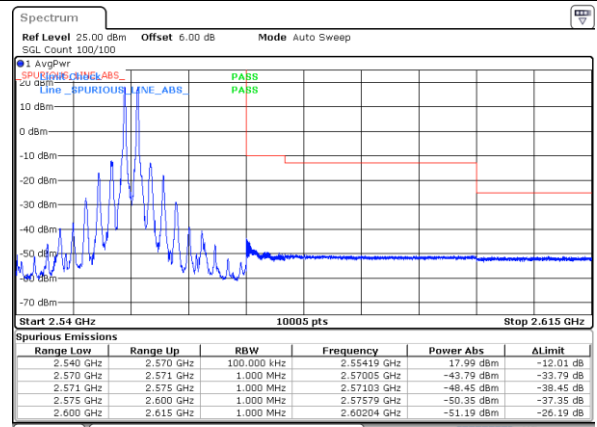
Date: 29.NOV.2022 01:08:18

Lowest Band Edge / 1RB74 and 1RB0



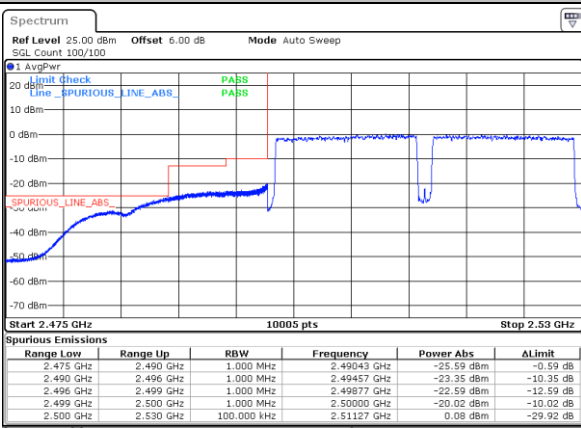
Date: 29.NOV.2022 00:54:42

Highest Band Edge / 1RB74 and 1RB0



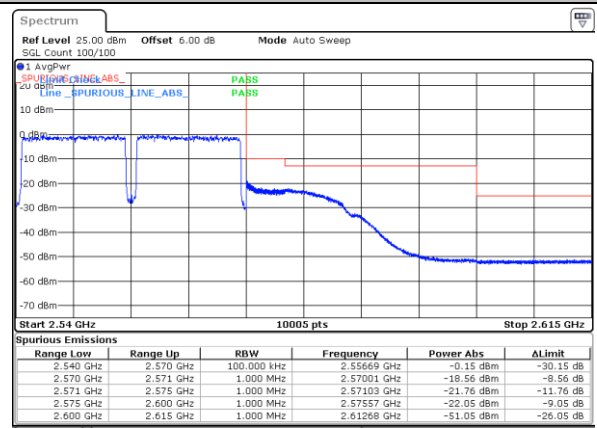
Date: 29.NOV.2022 01:13:33

Lowest Band Edge / Full RB



Date: 29.NOV.2022 00:59:57

Highest Band Edge / Full RB



Date: 29.NOV.2022 01:18:48