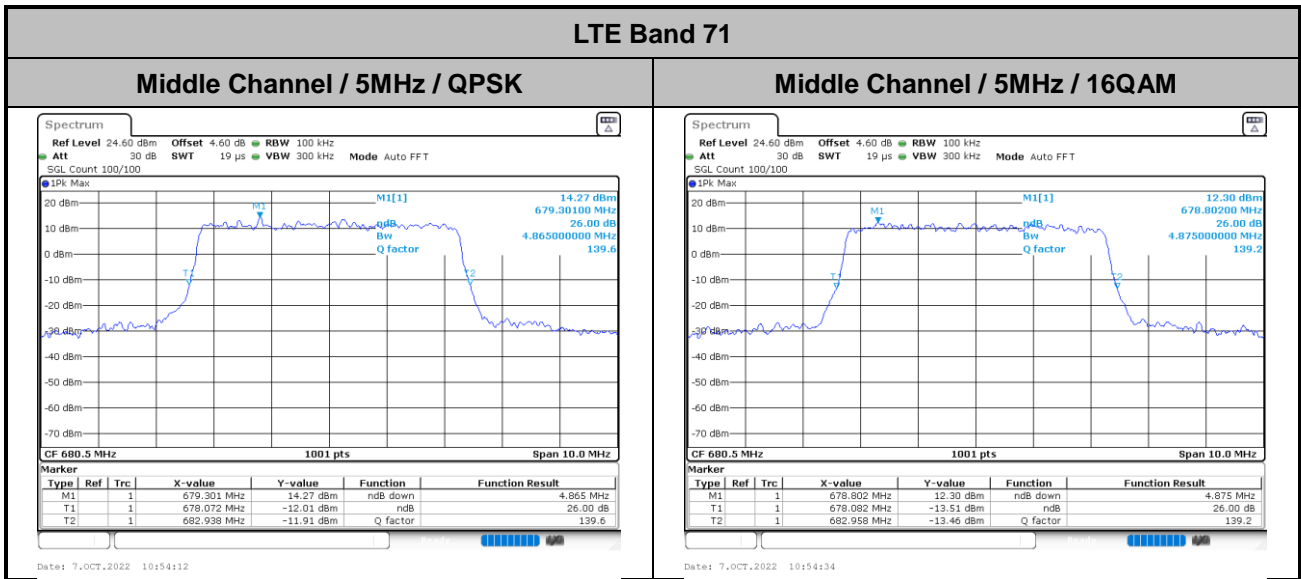




**26dB Bandwidth**

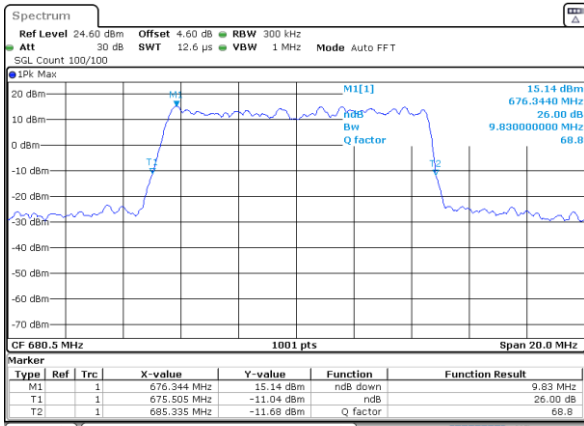
Mode	LTE Band 71 : 26dB BW(MHz)	
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.87	4.88
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.83	9.69
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	14.39	14.63
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	18.86	18.86





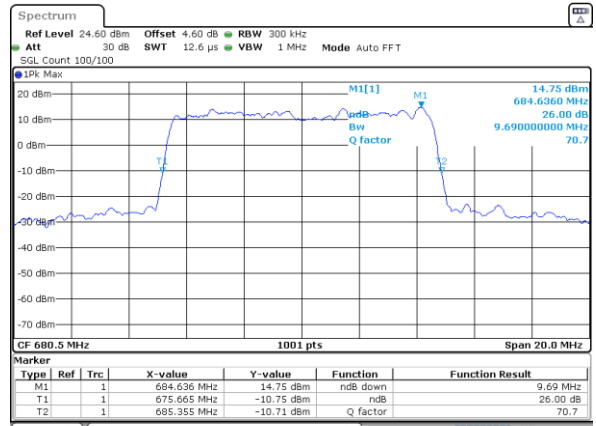
LTE Band 71

Middle Channel / 10MHz / QPSK



Date: 7.OCT.2022 11:44:54

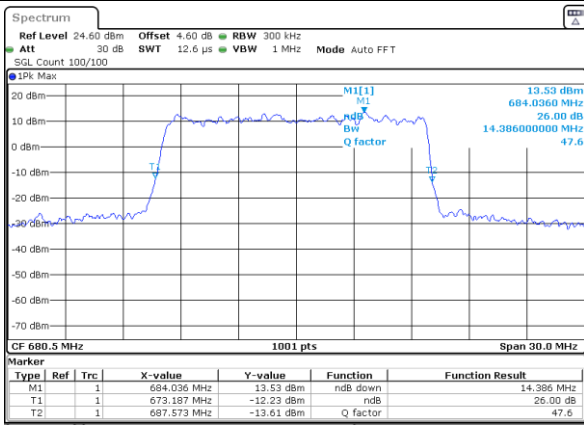
Middle Channel / 10MHz / 16QAM



Date: 7.OCT.2022 11:46:31

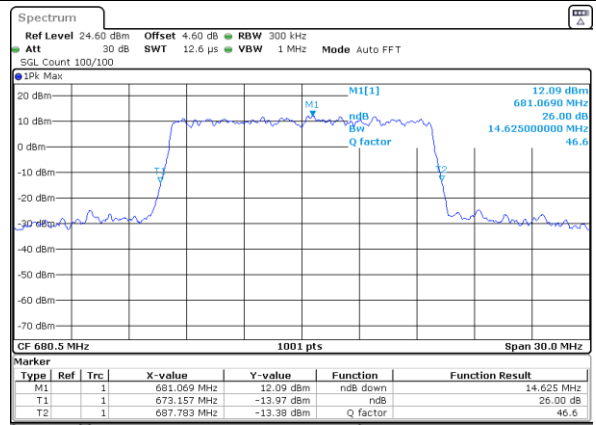
LTE Band 71

Middle Channel / 15MHz / QPSK



Date: 7.OCT.2022 12:07:44

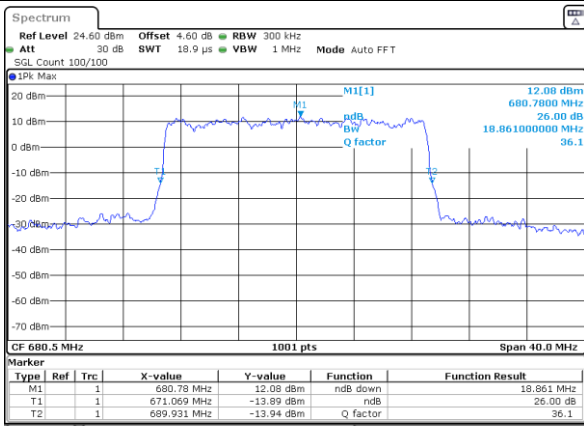
Middle Channel / 15MHz / 16QAM



Date: 7.OCT.2022 12:08:05

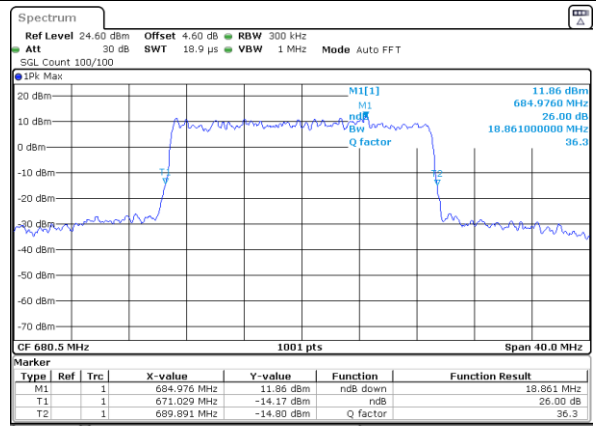
LTE Band 71

Middle Channel / 20MHz / QPSK



Date: 7.OCT.2022 12:29:11

Middle Channel / 20MHz / 16QAM

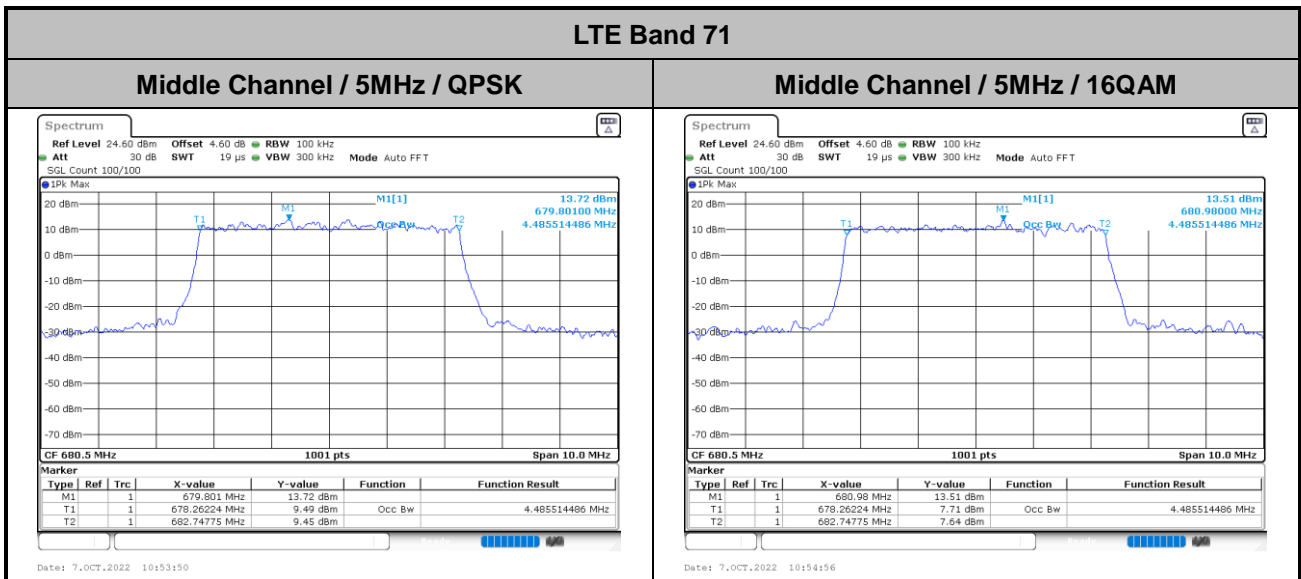


Date: 7.OCT.2022 12:29:33



# Occupied Bandwidth

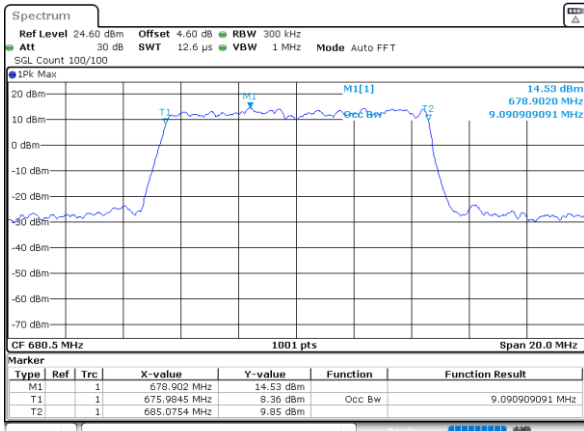
Mode	LTE Band 71 : 99%OBW(MHz)	
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.49	4.49
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.09	9.03
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	13.49	13.46
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	17.78	17.86





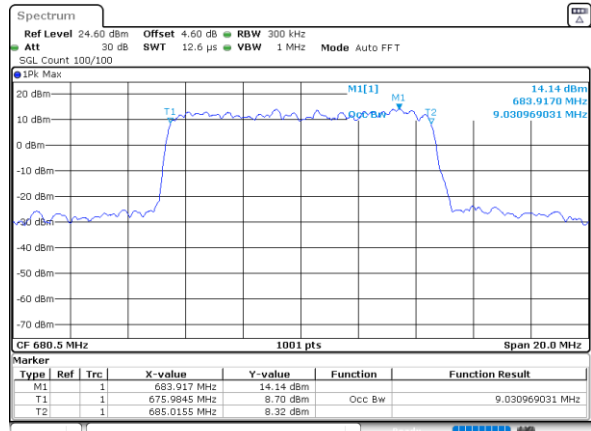
LTE Band 71

Middle Channel / 10MHz / QPSK



Date: 7.OCT.2022 11:44:33

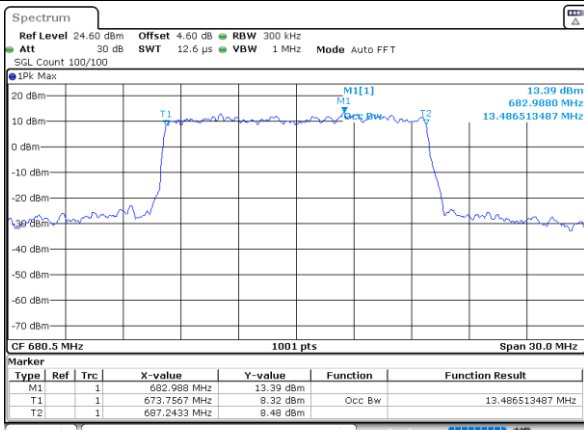
Middle Channel / 10MHz / 16QAM



Date: 7.OCT.2022 11:46:53

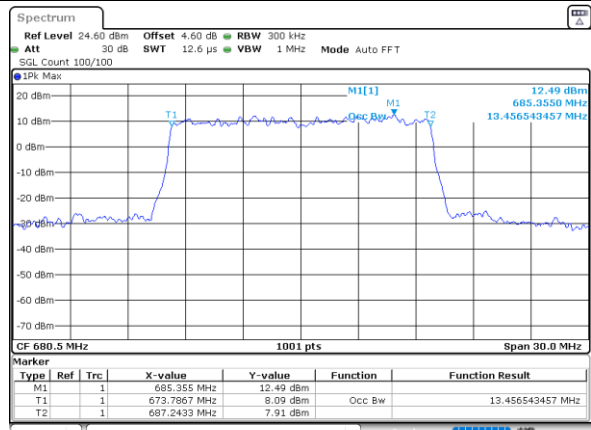
LTE Band 71

Middle Channel / 15MHz / QPSK



Date: 7.OCT.2022 12:07:23

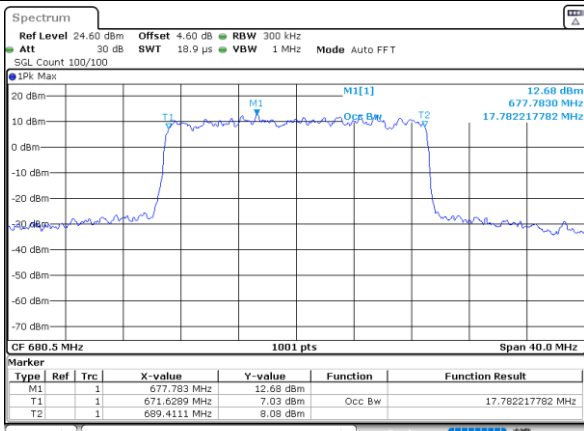
Middle Channel / 15MHz / 16QAM



Date: 7.OCT.2022 12:08:26

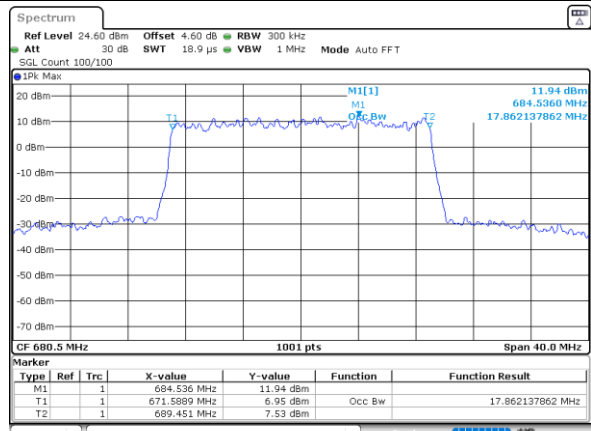
LTE Band 71

Middle Channel / 20MHz / QPSK



Date: 7.OCT.2022 12:28:50

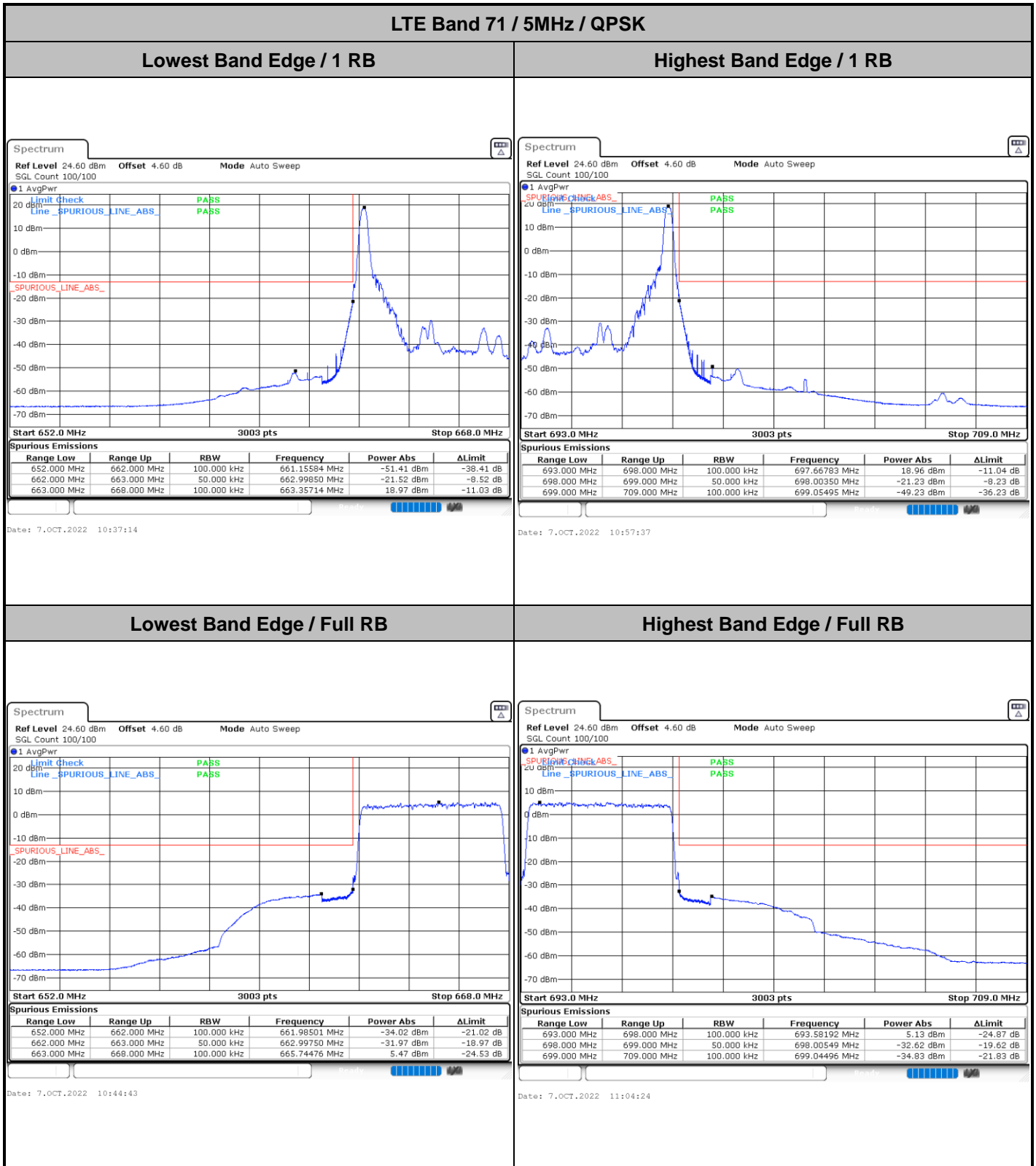
Middle Channel / 20MHz / 16QAM



Date: 7.OCT.2022 12:29:54



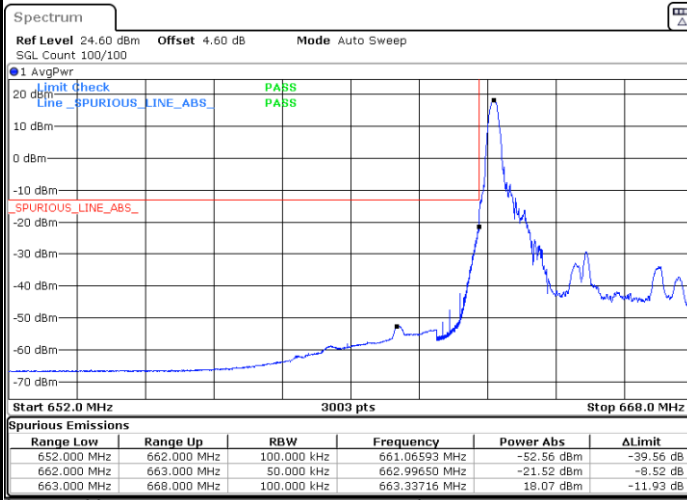
# Conducted Band Edge





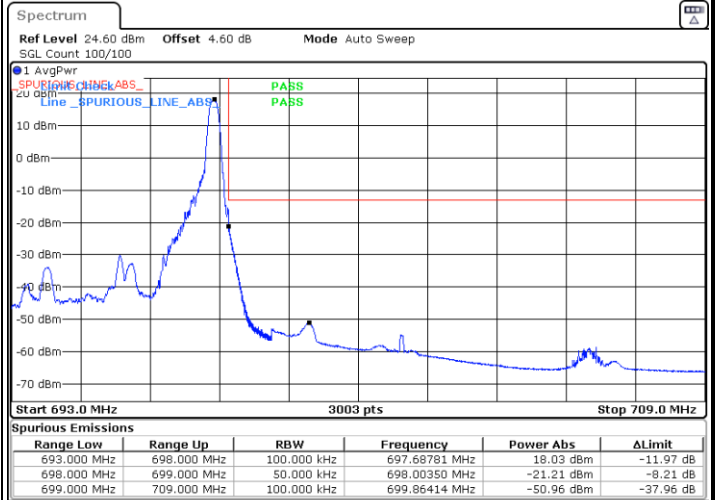
LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



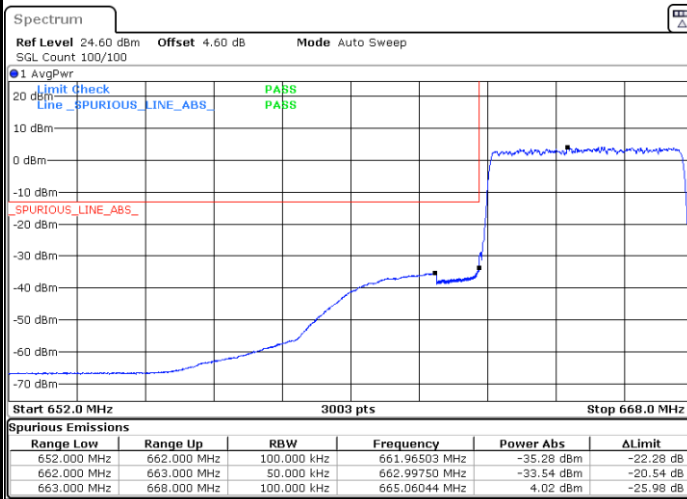
Date: 7.OCT.2022 10:38:35

Highest Band Edge / 1 RB



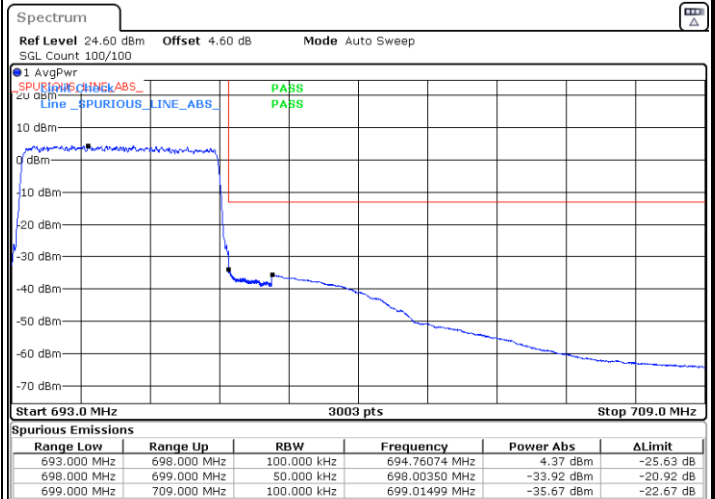
Date: 7.OCT.2022 10:58:58

Lowest Band Edge / Full RB



Date: 7.OCT.2022 10:42:39

Highest Band Edge / Full RB

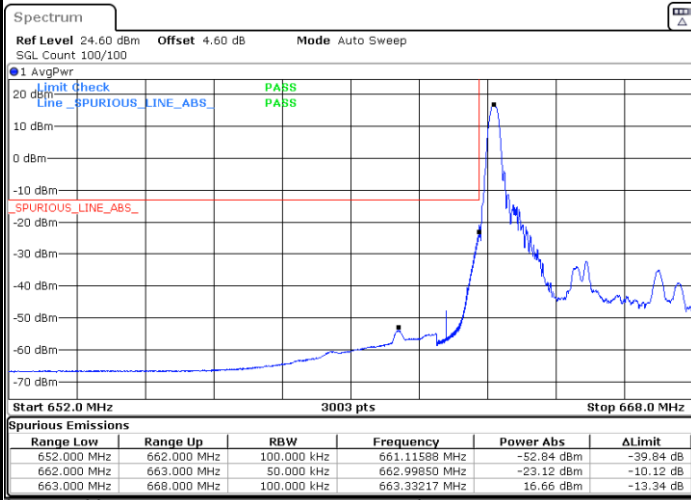


Date: 7.OCT.2022 11:03:03



LTE Band 71 / 5MHz / 64QAM

Lowest Band Edge / 1RB



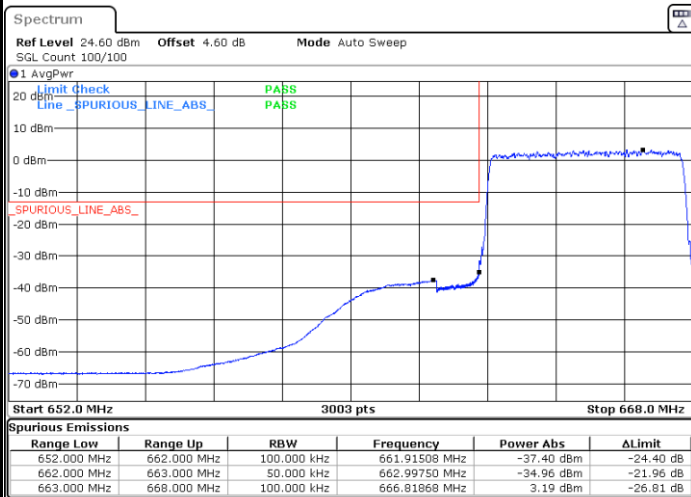
Date: 7.OCT.2022 10:39:56

Highest Band Edge / 1 RB



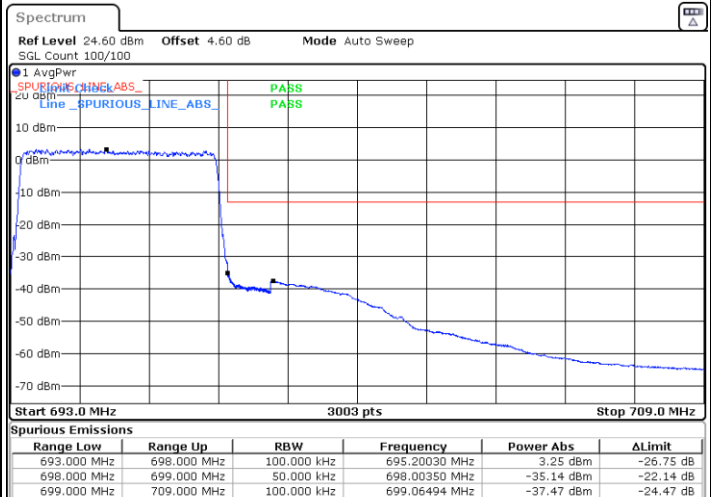
Date: 7.OCT.2022 11:00:20

Lowest Band Edge / Full RB



Date: 7.OCT.2022 10:41:18

Highest Band Edge / Full RB



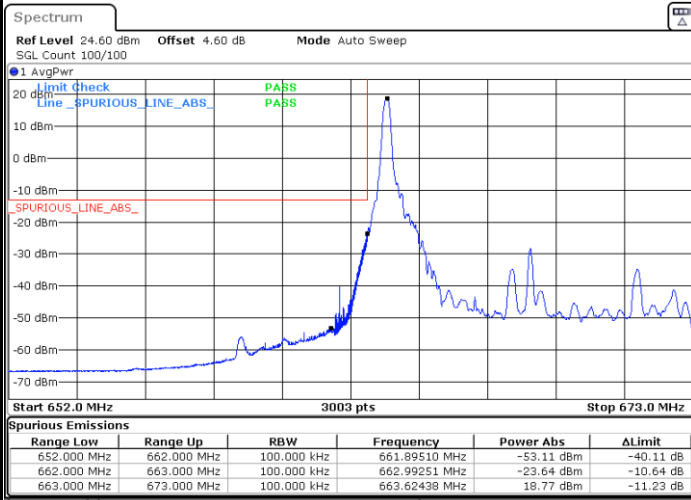
Date: 7.OCT.2022 11:01:41





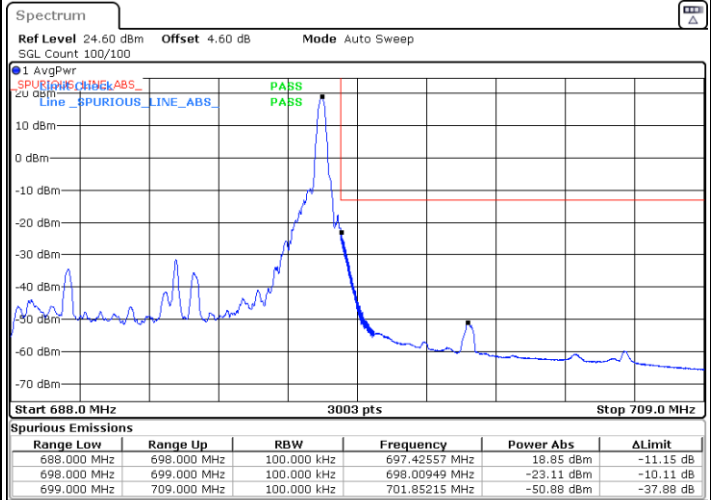
LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / 1 RB



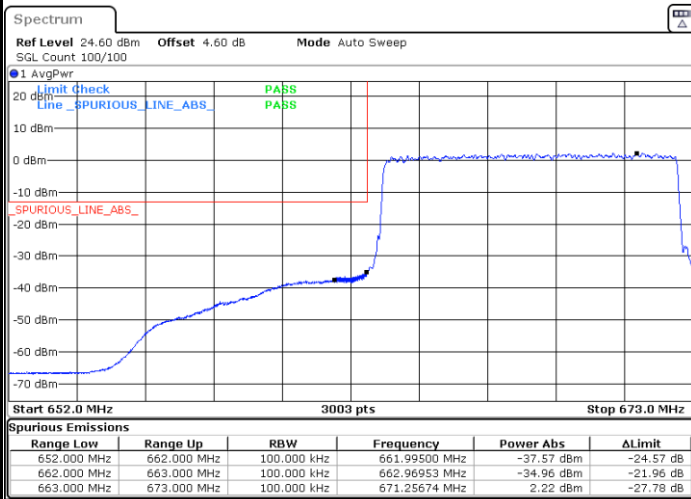
Date: 7.OCT.2022 11:41:32

Highest Band Edge / 1 RB



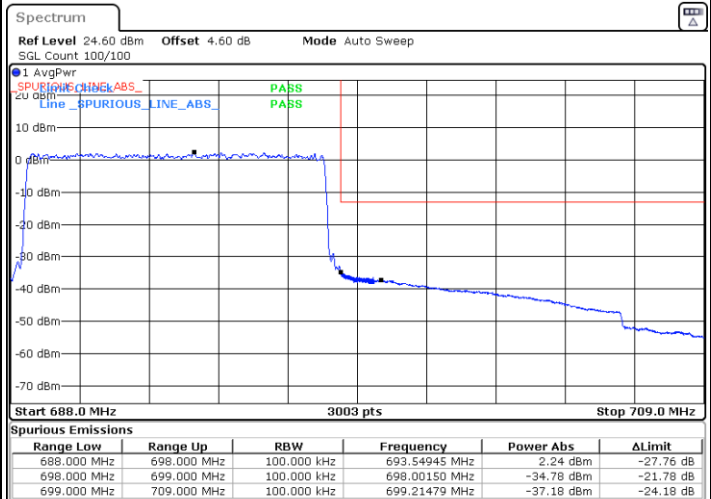
Date: 7.OCT.2022 11:49:35

Lowest Band Edge / Full RB



Date: 7.OCT.2022 11:34:45

Highest Band Edge / Full RB

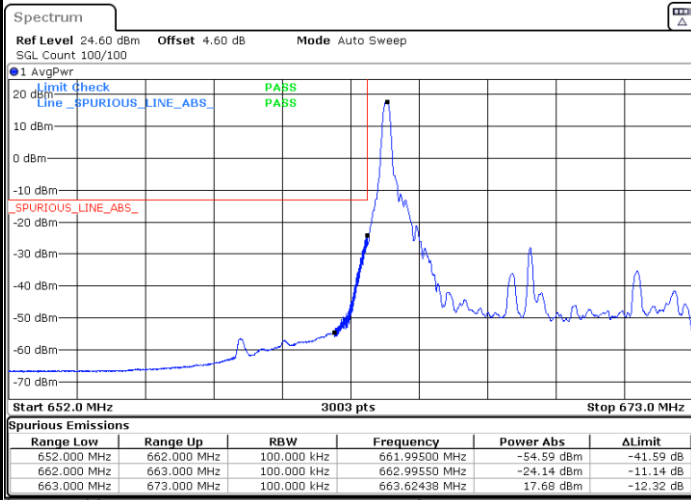


Date: 7.OCT.2022 11:56:20

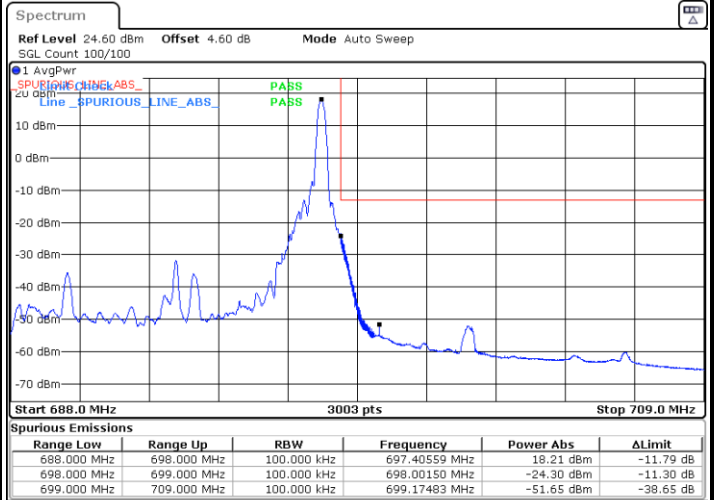


LTE Band 71 / 10MHz / 16QAM

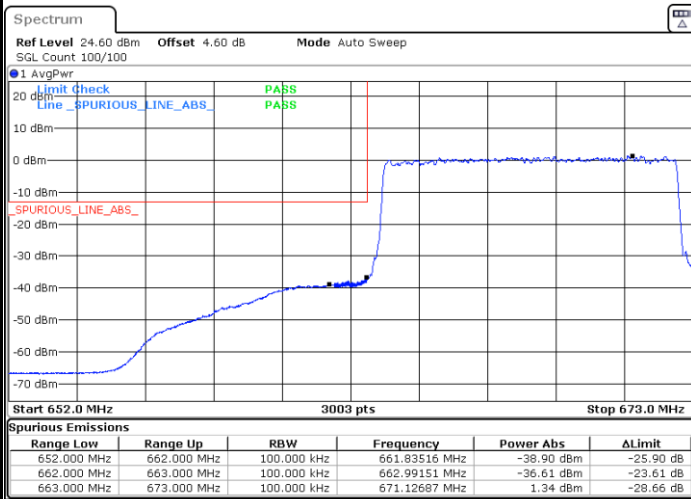
Lowest Band Edge / 1 RB



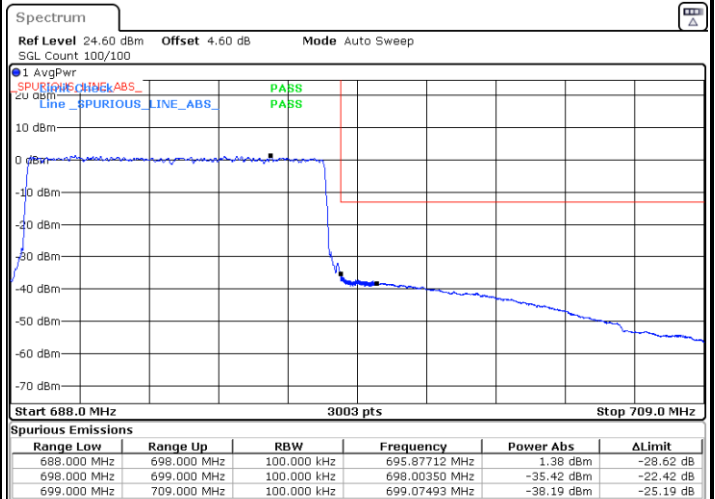
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



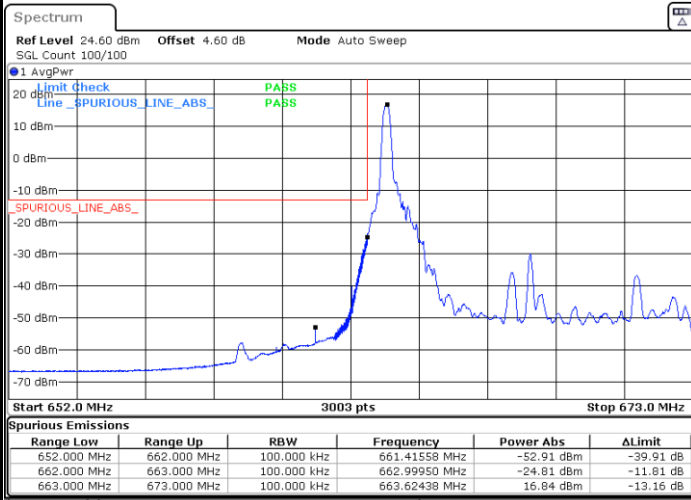
Highest Band Edge / Full RB





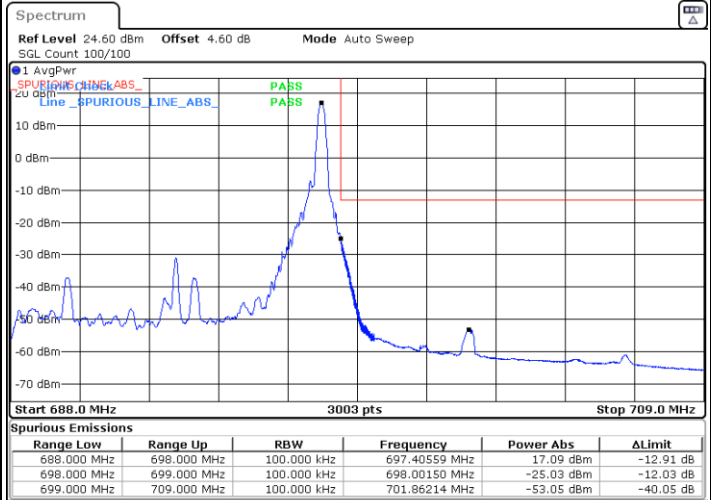
LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



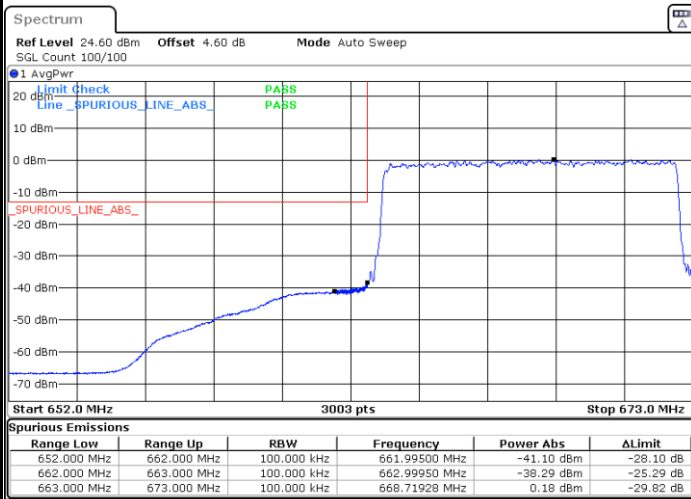
Date: 7.OCT.2022 11:38:49

Highest Band Edge / 1 RB



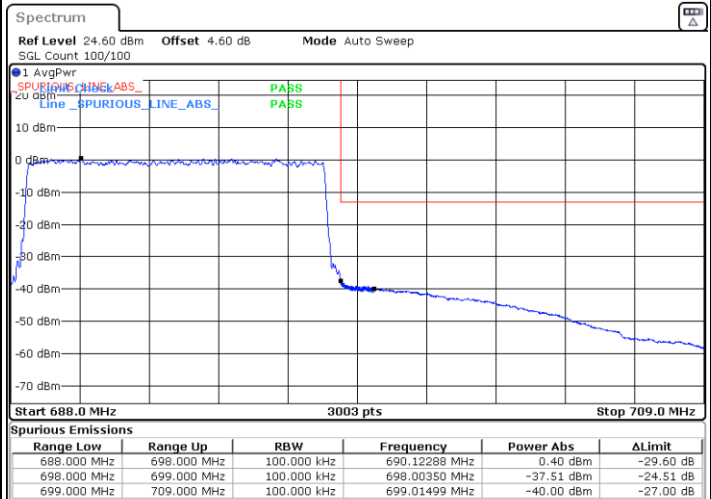
Date: 7.OCT.2022 11:52:17

Lowest Band Edge / Full RB



Date: 7.OCT.2022 11:37:29

Highest Band Edge / Full RB

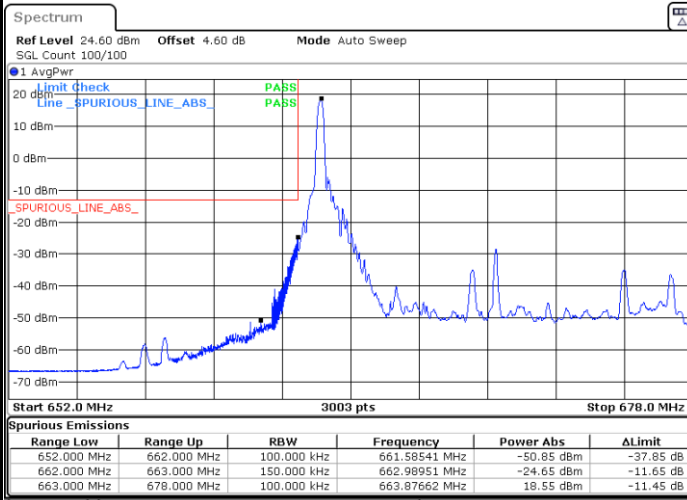


Date: 7.OCT.2022 11:53:38

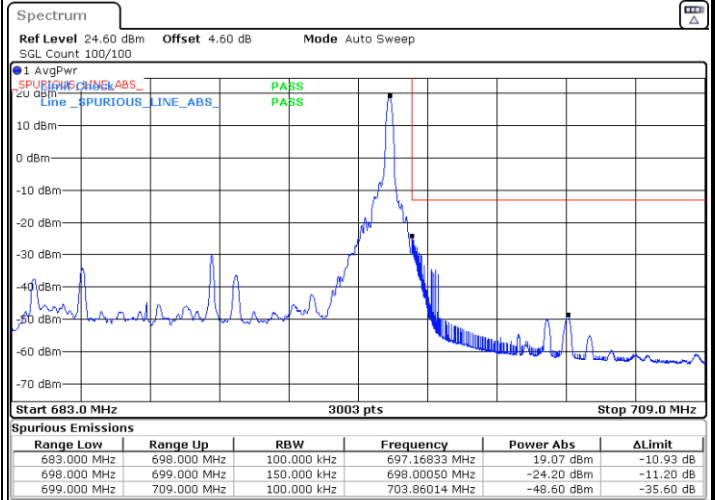


LTE Band 71 / 15MHz / QPSK

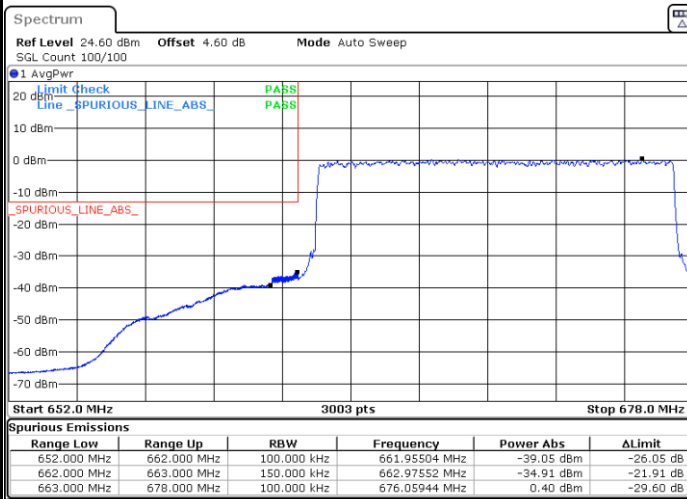
Lowest Band Edge / 1 RB



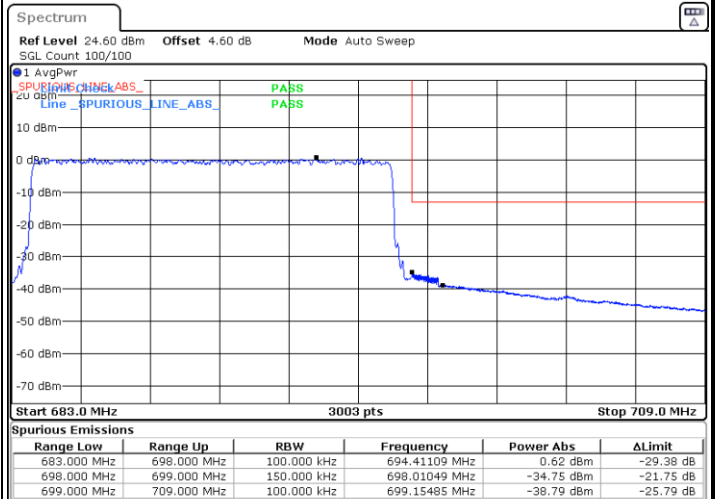
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



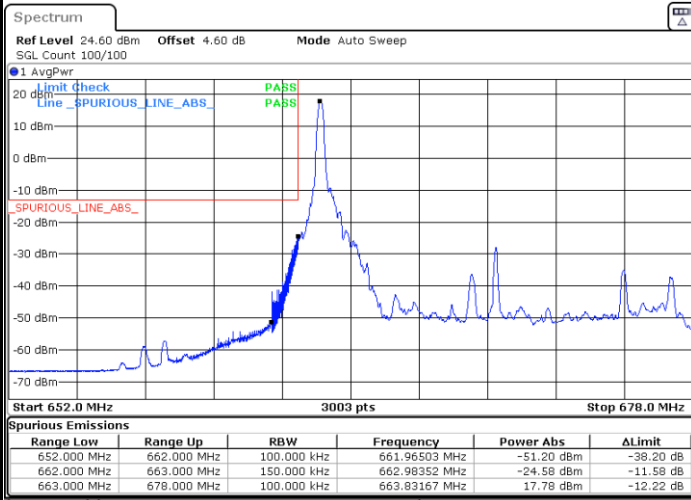
Highest Band Edge / Full RB





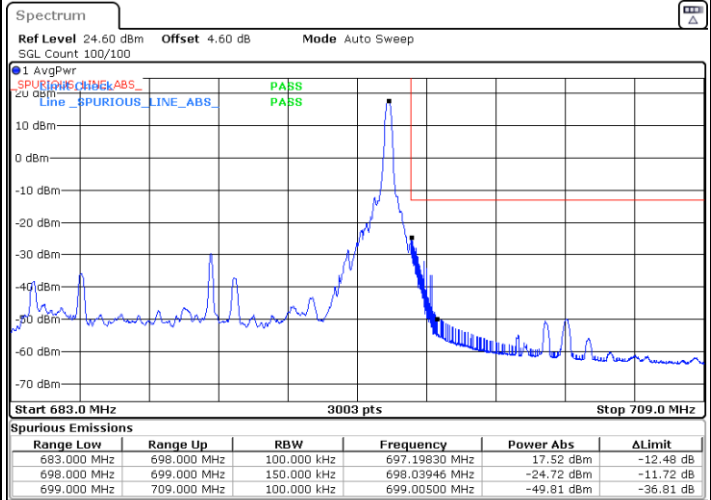
LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



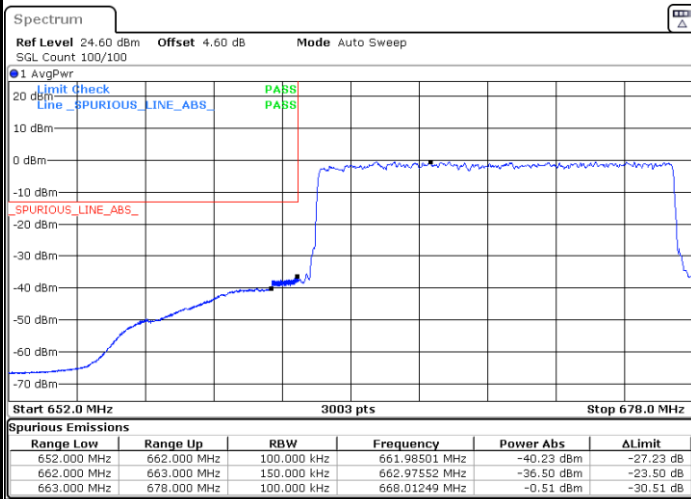
Date: 7.OCT.2022 12:03:04

Highest Band Edge / 1 RB



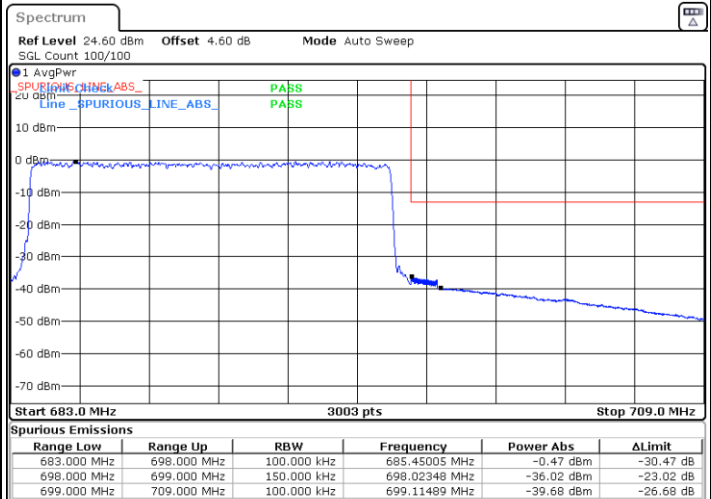
Date: 7.OCT.2022 12:12:26

Lowest Band Edge / Full RB



Date: 7.OCT.2022 11:59:02

Highest Band Edge / Full RB

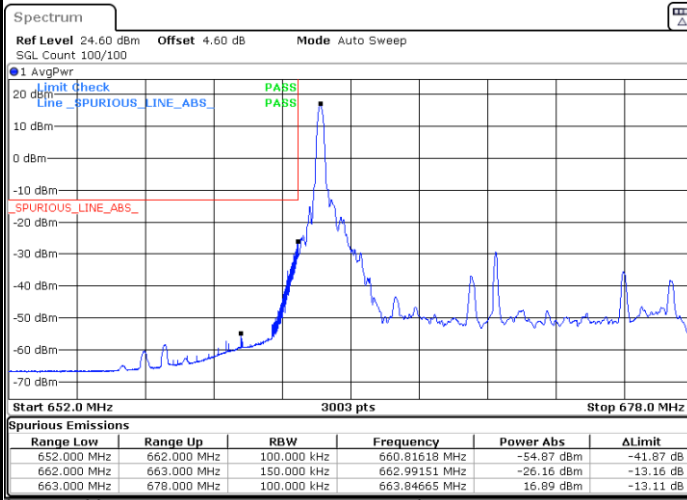


Date: 7.OCT.2022 12:16:27



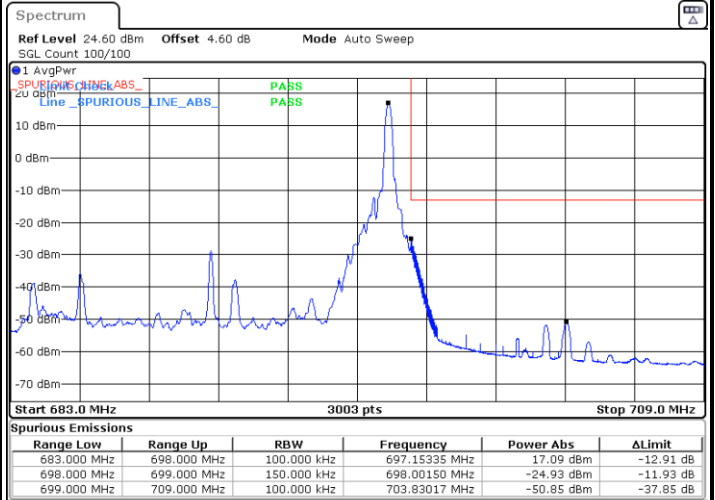
LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



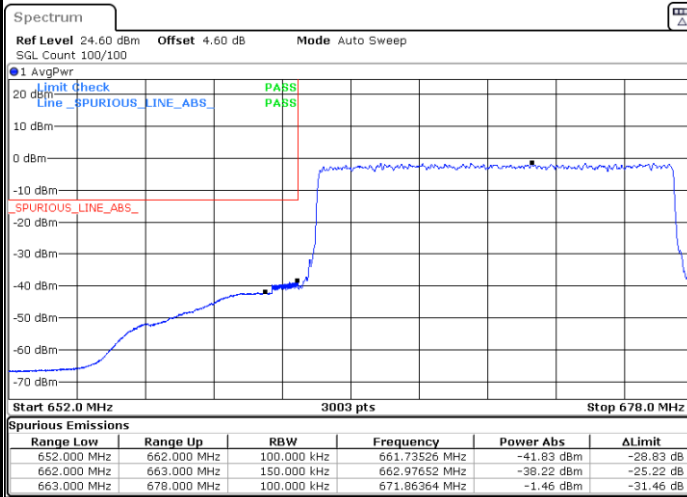
Date: 7.OCT.2022 12:01:43

Highest Band Edge / 1 RB



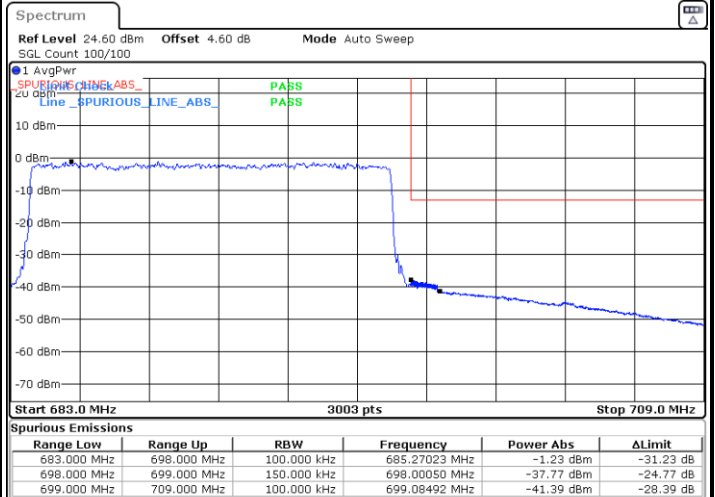
Date: 7.OCT.2022 12:13:47

Lowest Band Edge / Full RB



Date: 7.OCT.2022 12:00:22

Highest Band Edge / Full RB

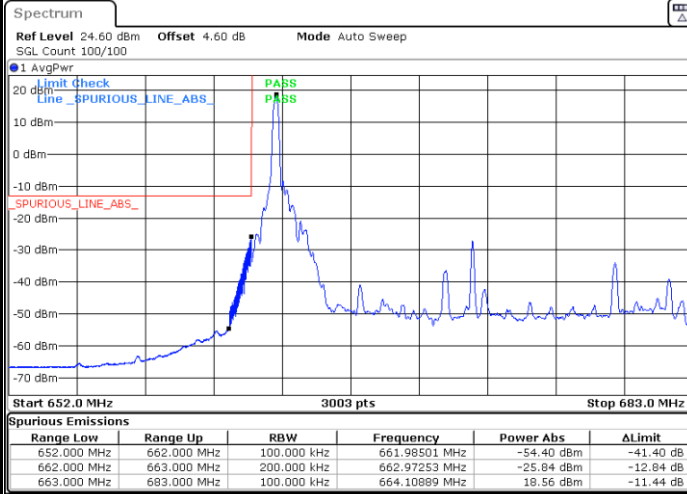


Date: 7.OCT.2022 12:15:07



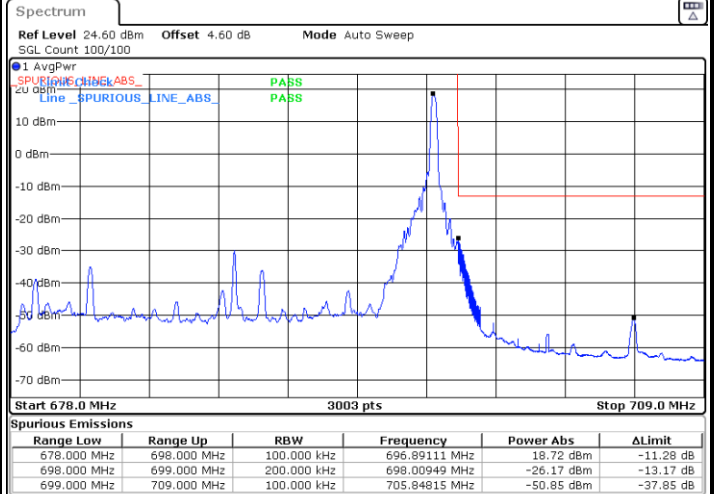
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB



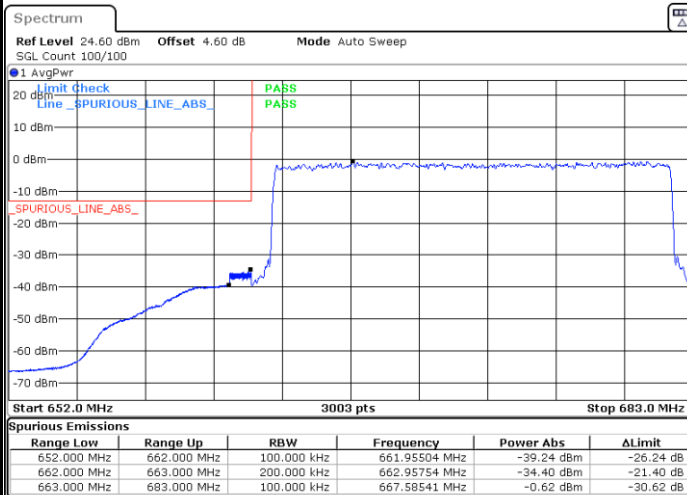
Date: 7.OCT.2022 12:25:52

Highest Band Edge / 1 RB



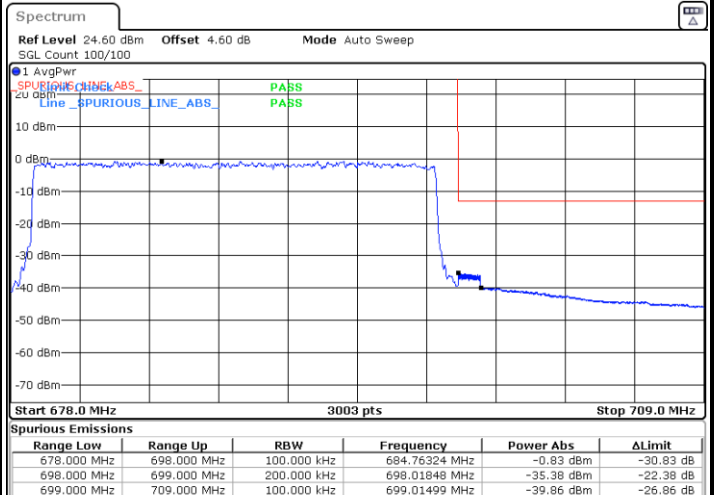
Date: 7.OCT.2022 12:32:34

Lowest Band Edge / Full RB



Date: 7.OCT.2022 12:19:09

Highest Band Edge / Full RB

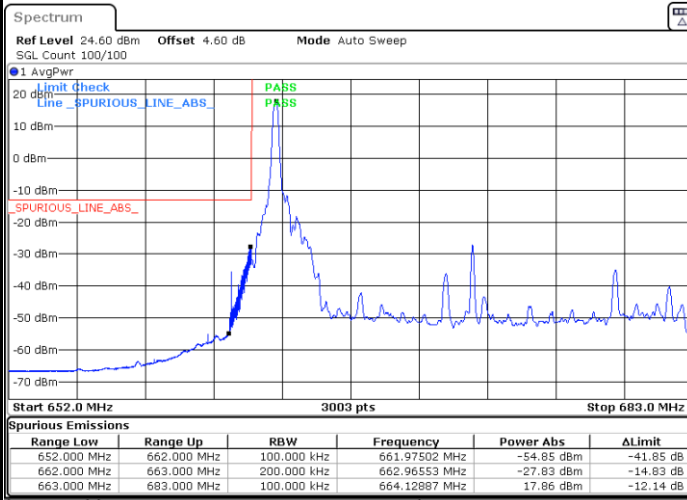


Date: 7.OCT.2022 12:39:25



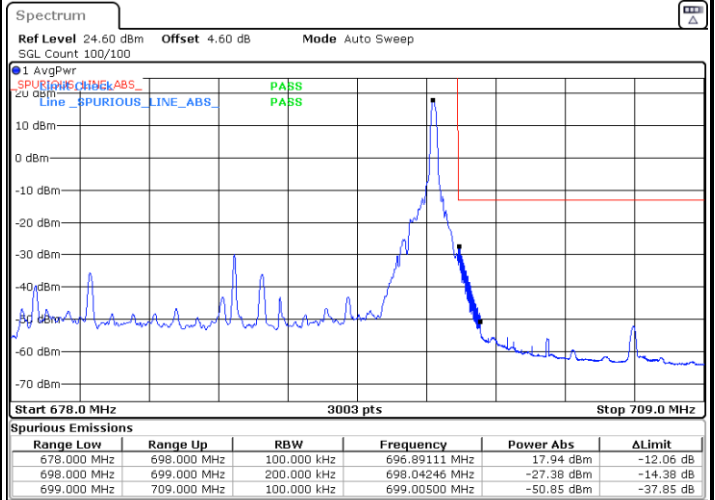
LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



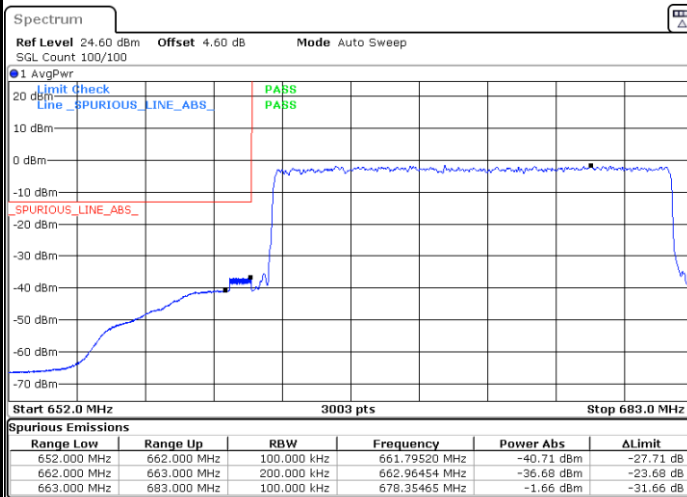
Date: 7.OCT.2022 12:24:31

Highest Band Edge / 1RB



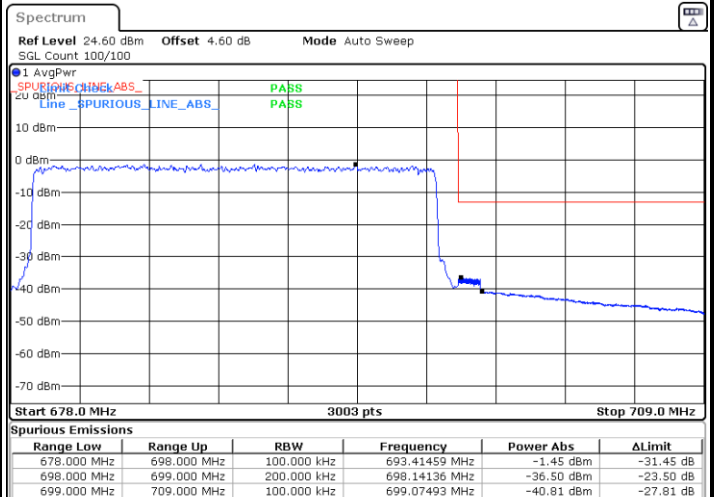
Date: 7.OCT.2022 12:34:01

Lowest Band Edge / Full RB



Date: 7.OCT.2022 12:20:30

Highest Band Edge / Full RB



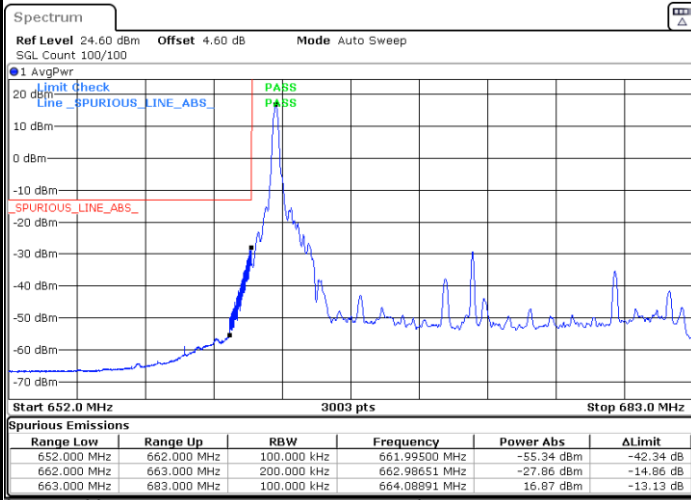
Date: 7.OCT.2022 12:38:03





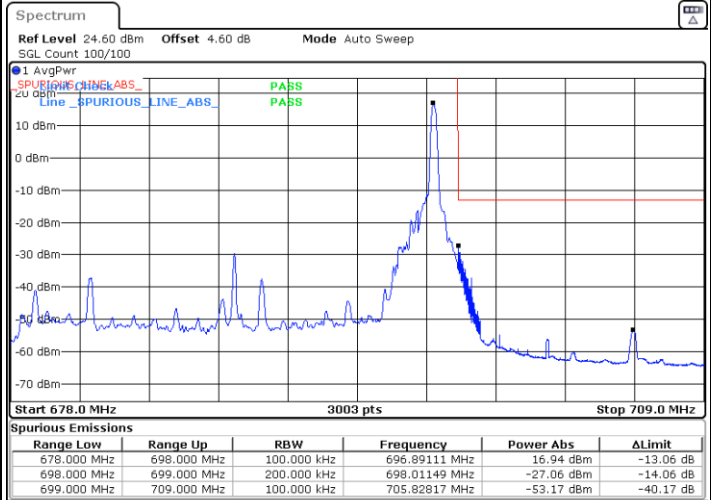
LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



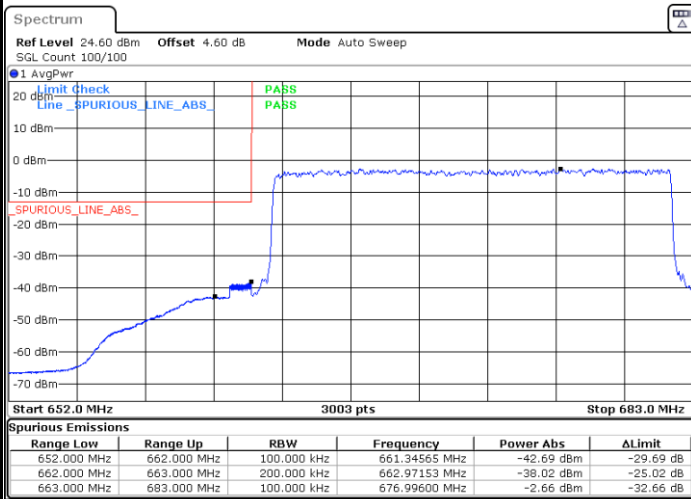
Date: 7.OCT.2022 12:23:11

Highest Band Edge / 1 RB



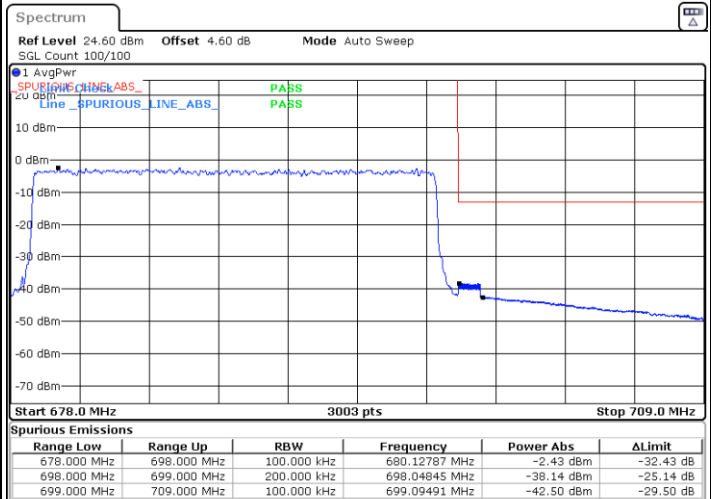
Date: 7.OCT.2022 12:35:23

Lowest Band Edge / Full RB



Date: 7.OCT.2022 12:21:50

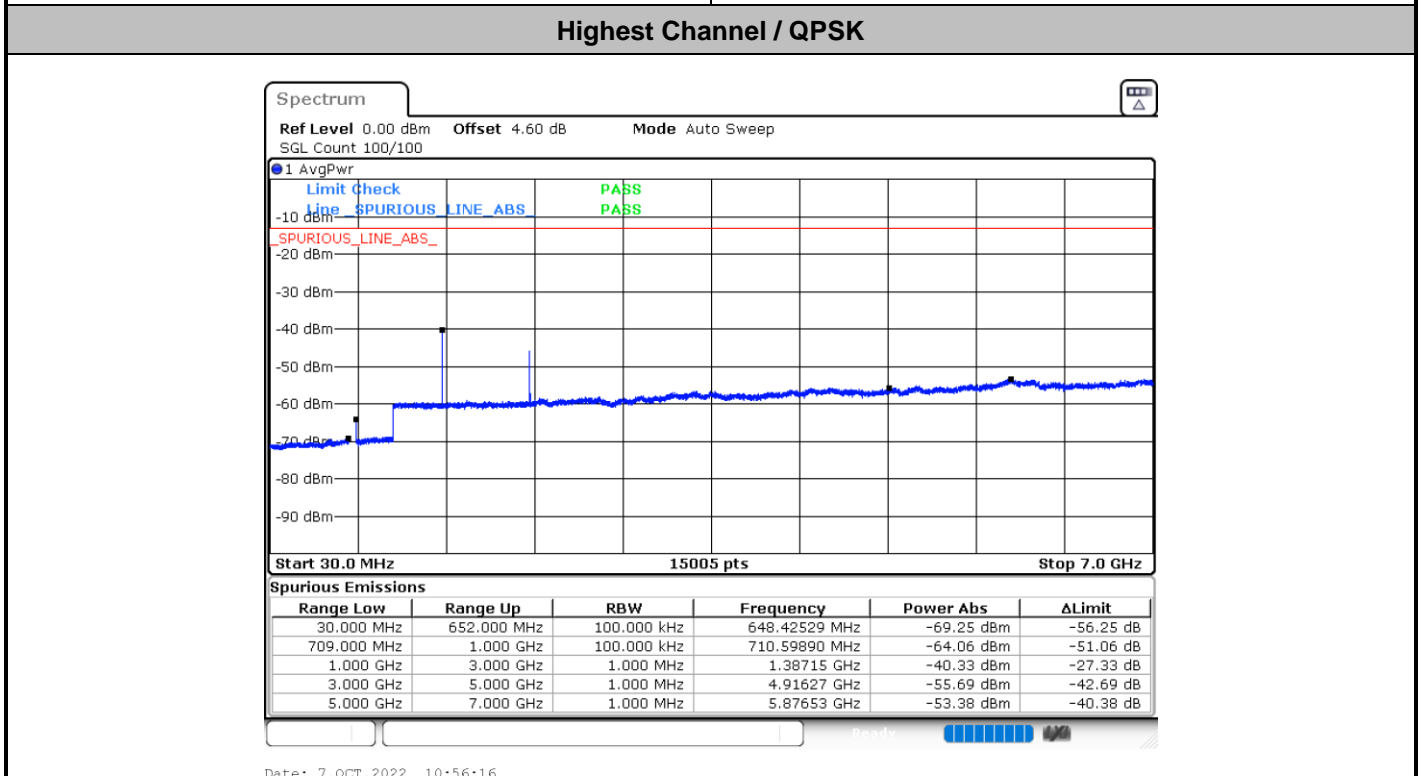
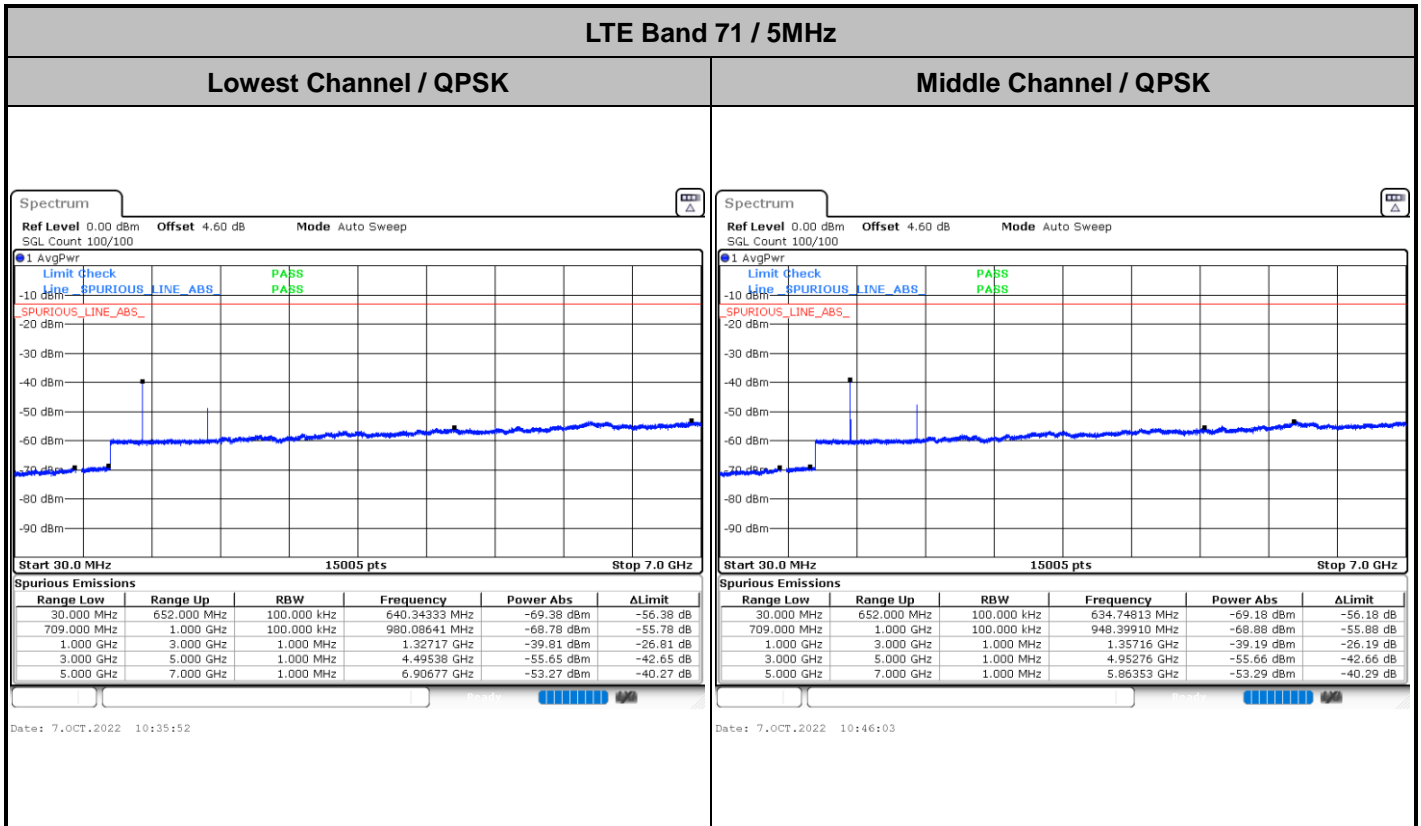
Highest Band Edge / Full RB



Date: 7.OCT.2022 12:36:43



# Conducted Spurious Emission

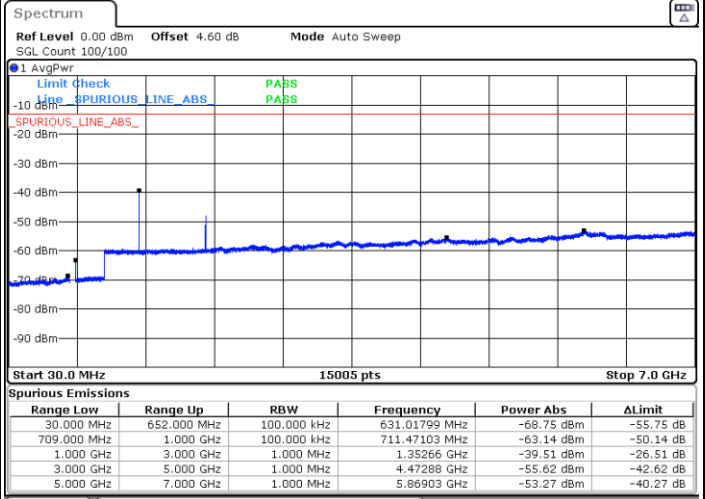
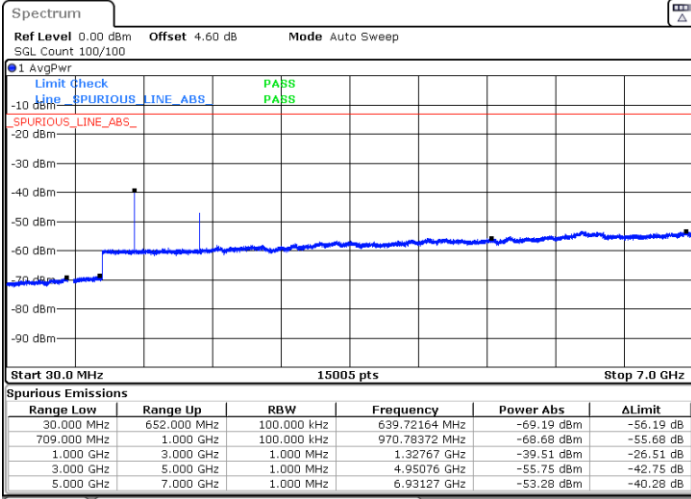




LTE Band 71 / 10MHz

Lowest Channel / QPSK

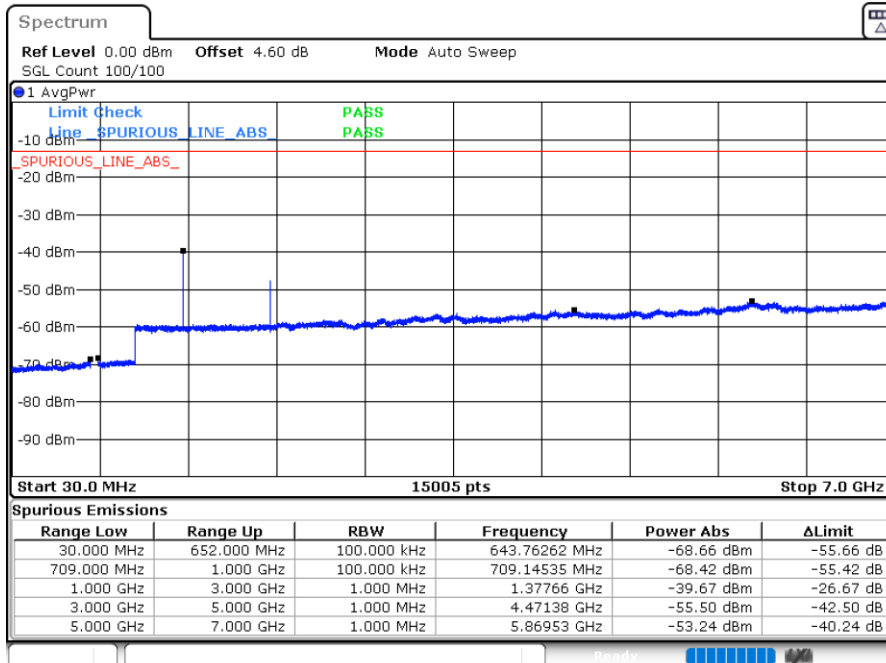
Middle Channel / QPSK



Date: 7.OCT.2022 11:42:51

Date: 7.OCT.2022 11:44:11

Highest Channel / QPSK



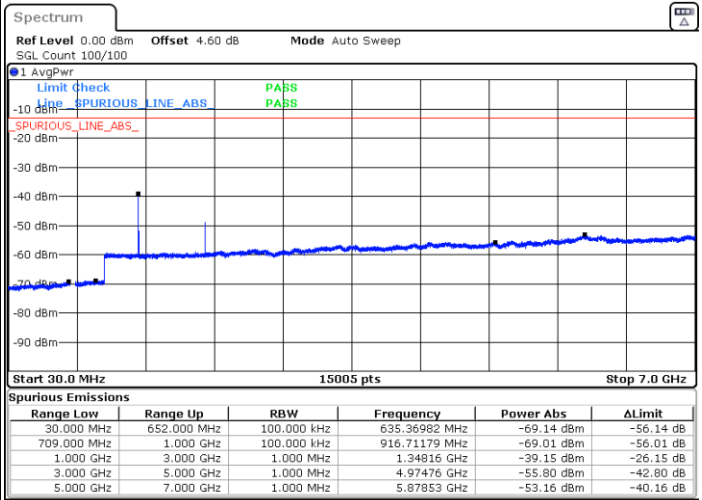
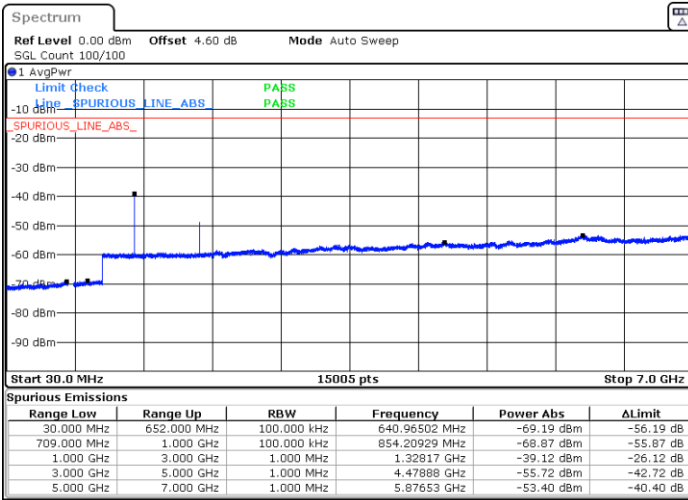
Date: 7.OCT.2022 11:48:14



LTE Band 71 / 15MHz

Lowest Channel / QPSK

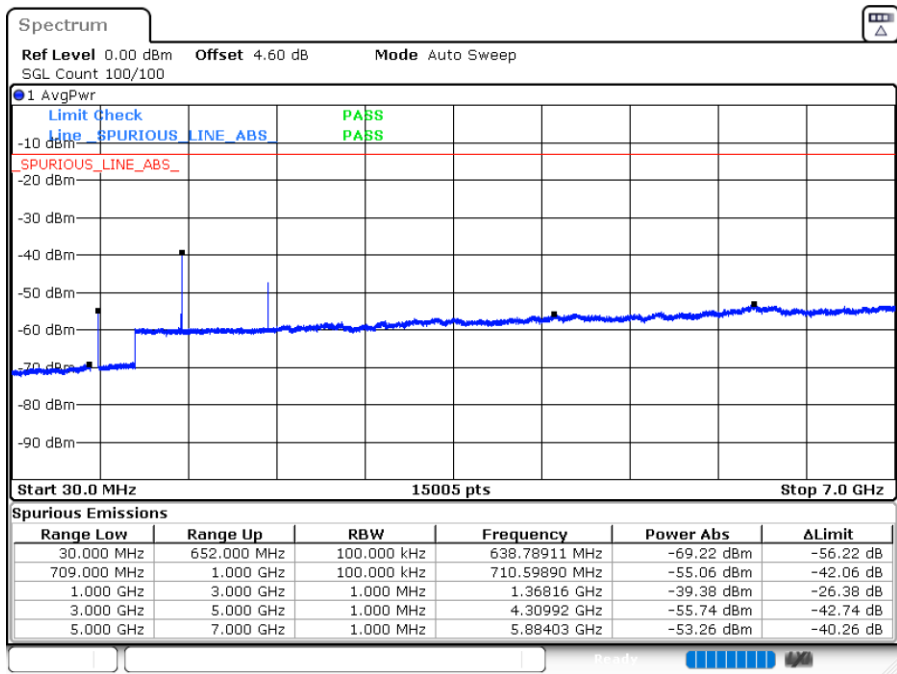
Middle Channel / QPSK



Date: 7.OCT.2022 12:05:43

Date: 7.OCT.2022 12:07:02

Highest Channel / QPSK



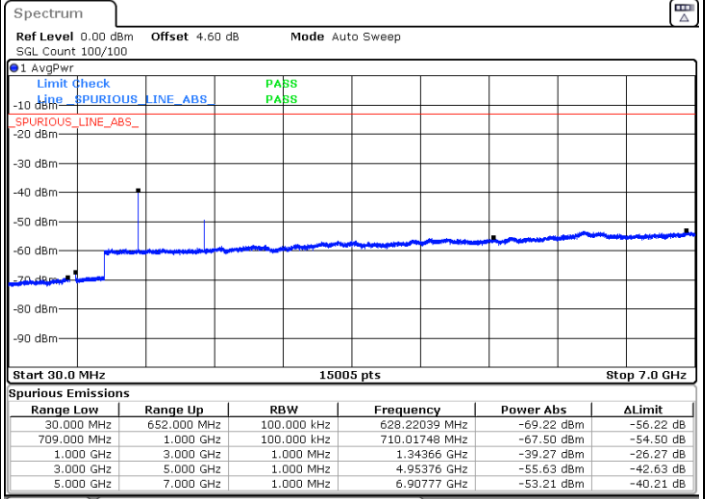
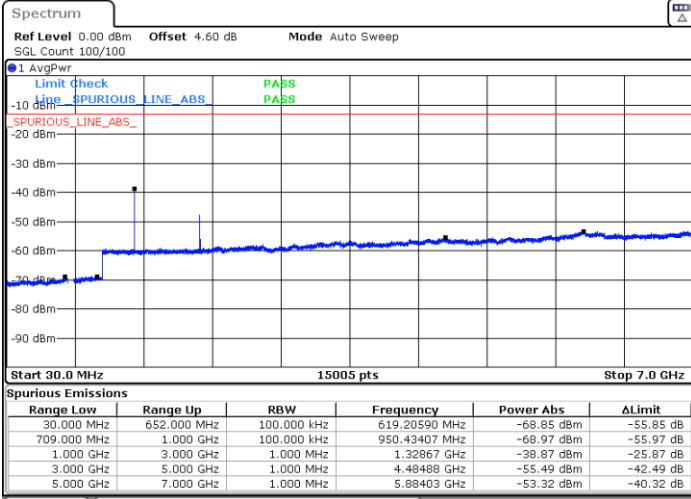
Date: 7.OCT.2022 12:09:45



LTE Band 71 / 20MHz

Lowest Channel / QPSK

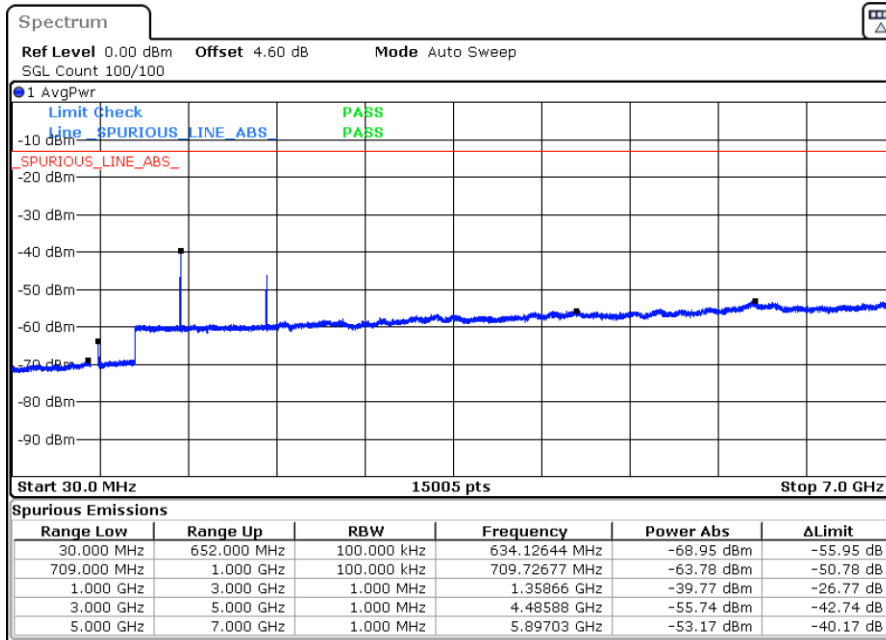
Middle Channel / QPSK



Date: 7.OCT.2022 12:27:10

Date: 7.OCT.2022 12:28:29

Highest Channel / QPSK



Date: 7.OCT.2022 12:31:13



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	0.0027	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0029	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0014	
20	Battery End Point	0.0023	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 41C

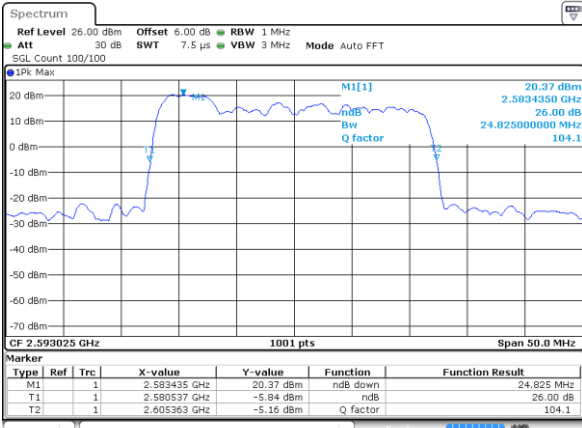
## 26dB Bandwidth

Mode	LTE Band 41-CA : 26dB BW(MHz)	
<b>BW</b>	<b>5MHz+20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	24.83	24.68
<b>BW</b>	<b>10MHz+15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	25.43	25.23
<b>BW</b>	<b>10MHz+20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	29.97	29.79
<b>BW</b>	<b>15MHz+10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	25.28	25.13
<b>BW</b>	<b>15MHz+15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	30.57	30.57
<b>BW</b>	<b>15MHz+20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	34.97	34.76
<b>BW</b>	<b>20MHz+5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	24.83	24.88
<b>BW</b>	<b>20MHz+10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	29.91	29.91
<b>BW</b>	<b>20MHz+15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	34.90	34.90
<b>BW</b>	<b>20MHz+20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	39.88	39.88



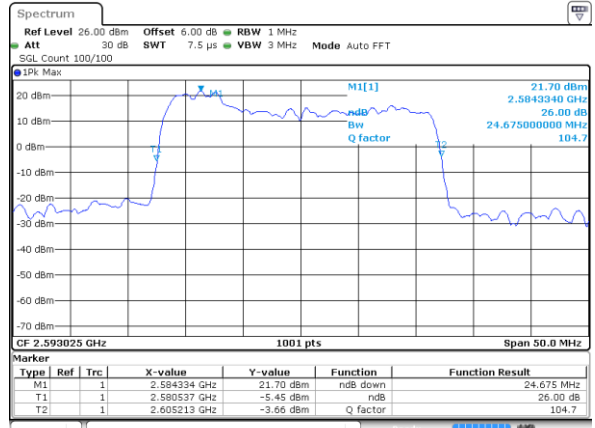
LTE Band 41

Middle Channel / 5MHz+20MHz / QPSK



Date: 30 SEP 2022 00:37:49

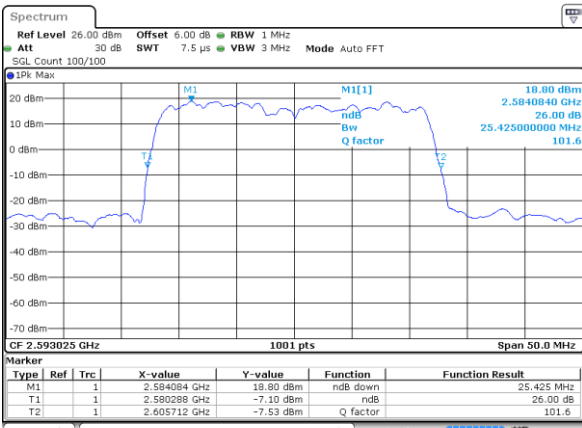
Middle Channel / 5MHz+20MHz / 16QAM



Date: 30 SEP 2022 00:38:16

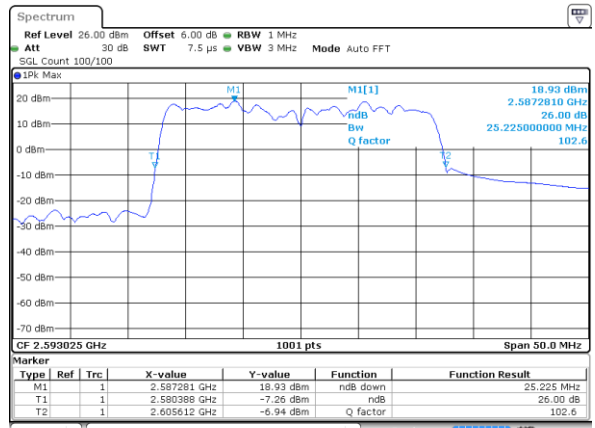
LTE Band 41

Middle Channel / 10MHz+15MHz / QPSK



Date: 30 SEP 2022 00:41:09

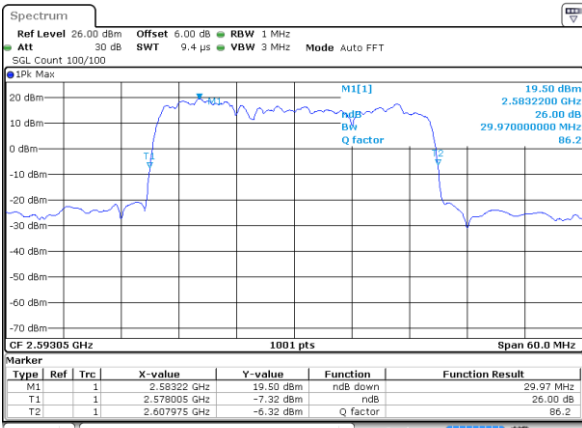
Middle Channel / 10MHz+15MHz / 16QAM



Date: 30 SEP 2022 00:41:35

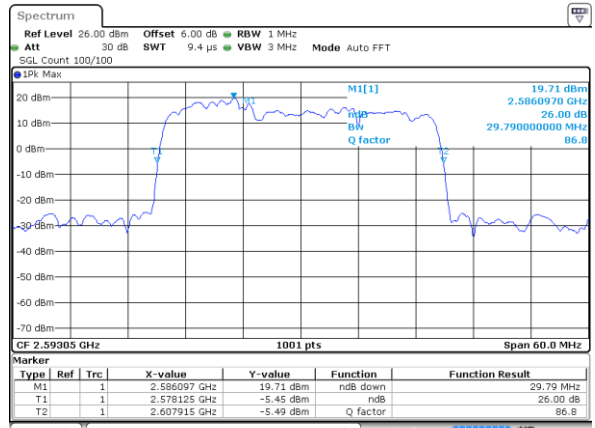
LTE Band 41

Middle Channel / 10MHz+20MHz / QPSK



Date: 30 SEP 2022 00:43:33

Middle Channel / 10MHz+20MHz / 16QAM



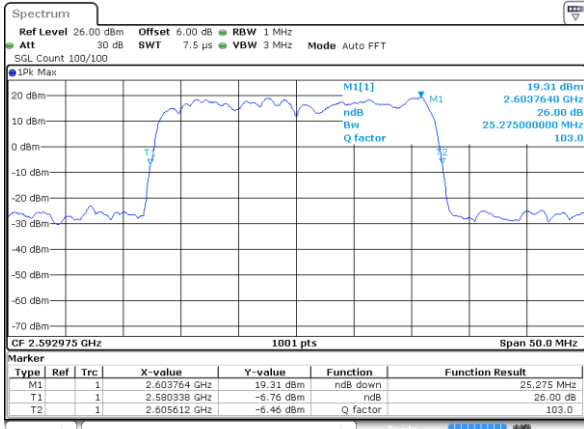
Date: 30 SEP 2022 00:44:00





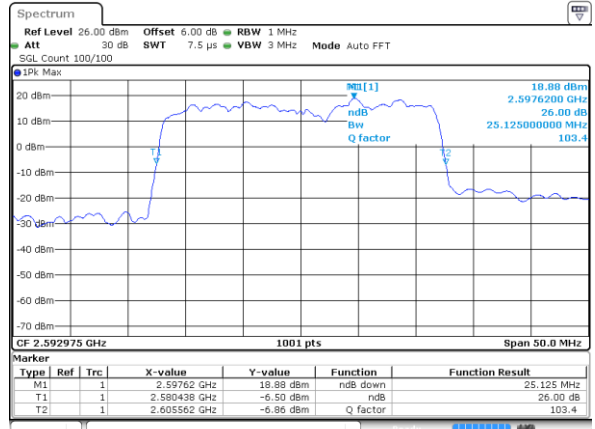
LTE Band 41

Middle Channel / 15MHz+10MHz / QPSK



Date: 30 SEP 2022 00:46:04

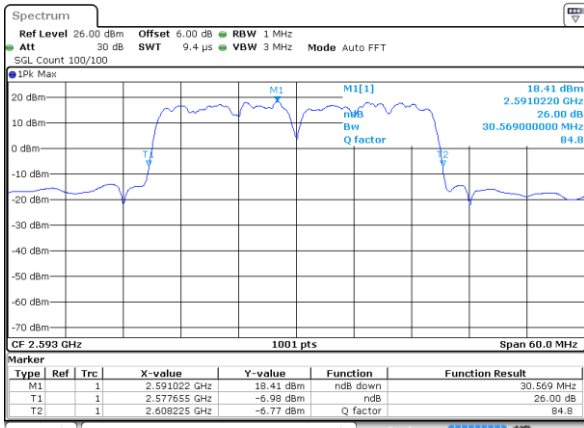
Middle Channel / 15MHz+10MHz / 16QAM



Date: 30 SEP 2022 00:46:31

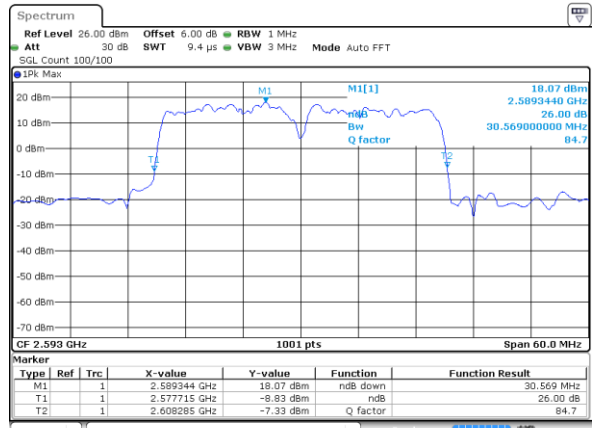
LTE Band 41

Middle Channel / 15MHz+15MHz / QPSK



Date: 30 SEP 2022 00:48:43

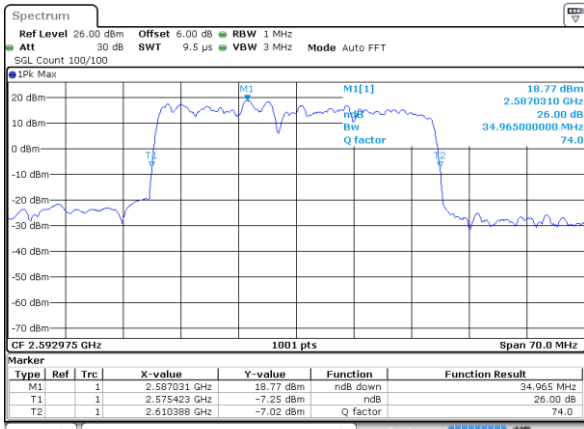
Middle Channel / 15MHz+15MHz / 16QAM



Date: 30 SEP 2022 00:49:09

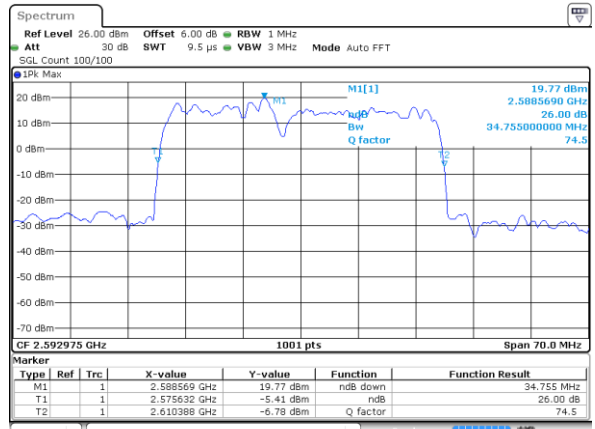
LTE Band 41

Middle Channel / 15MHz+20MHz / QPSK



Date: 30 SEP 2022 00:51:29

Middle Channel / 15MHz+20MHz / 16QAM

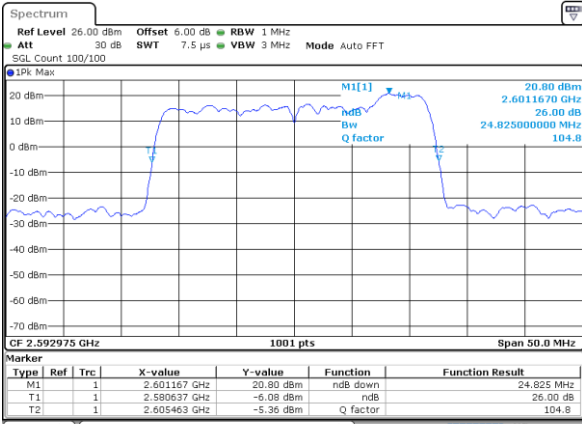


Date: 30 SEP 2022 00:51:56



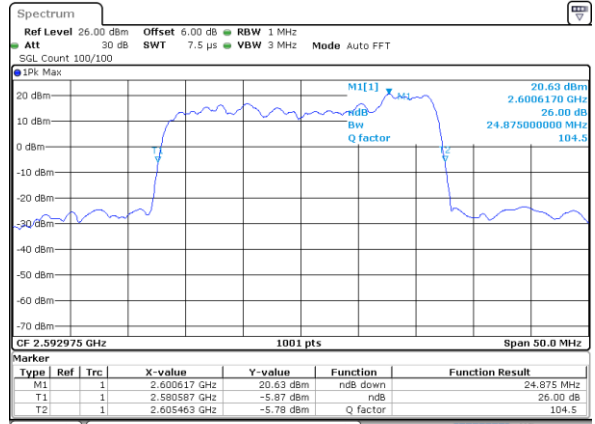
LTE Band 41

Middle Channel / 20MHz5MHz / QPSK



Date: 30 SEP 2022 02:49:01

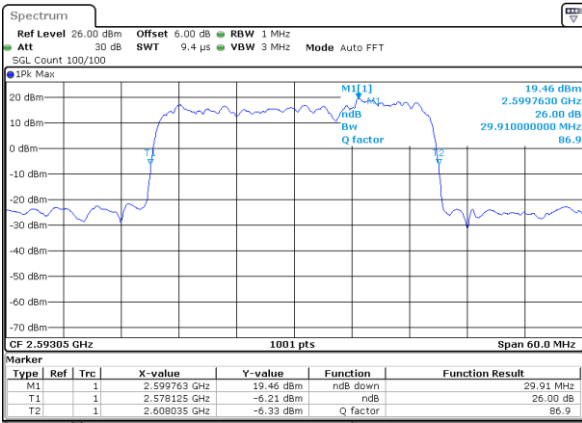
Middle Channel / 20MHz+5MHz / 16QAM



Date: 30 SEP 2022 02:49:27

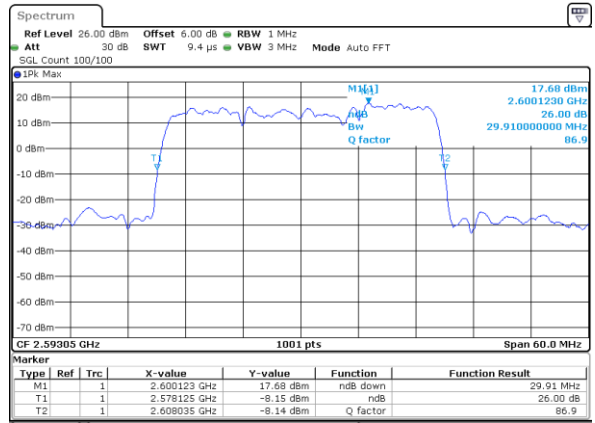
LTE Band 41

Middle Channel / 20MHz+10MHz / QPSK



Date: 30 SEP 2022 02:52:01

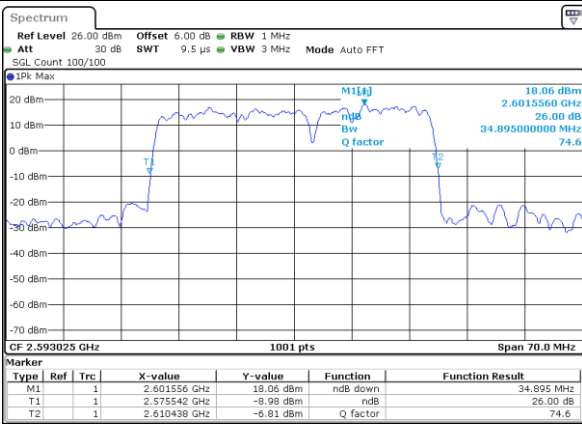
Middle Channel / 20MHz+10MHz / 16QAM



Date: 30 SEP 2022 02:52:27

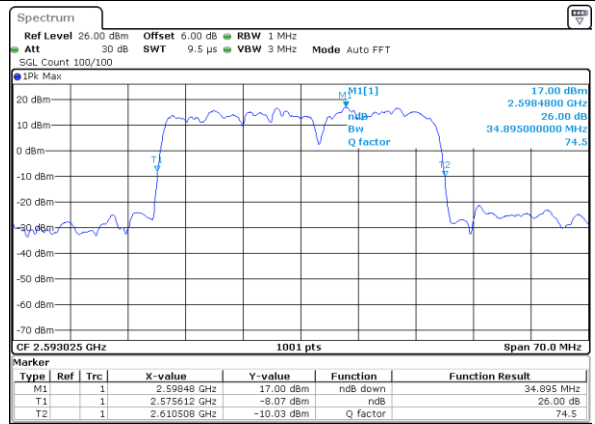
LTE Band 41

Middle Channel / 20MHz+15MHz / QPSK



Date: 30 SEP 2022 02:53:53

Middle Channel / 20MHz+15MHz / 16QAM

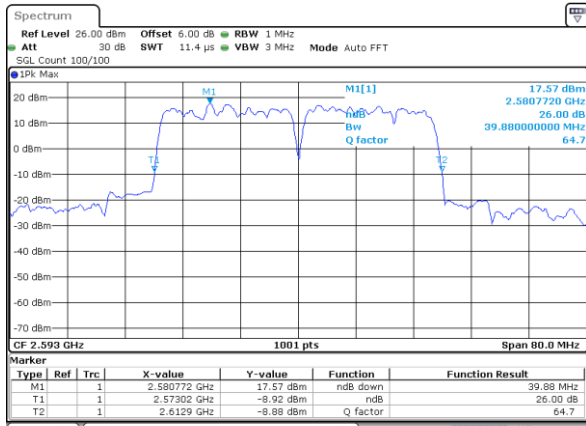


Date: 30 SEP 2022 02:54:20

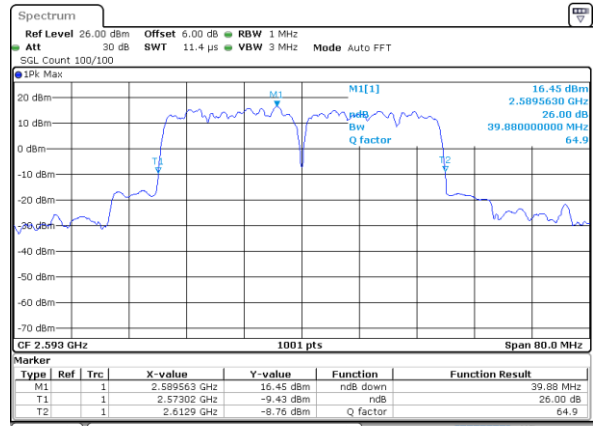


LTE Band 41

Middle Channel / 20MHz+20MHz / QPSK



Middle Channel / 20MHz+20MHz / 16QAM





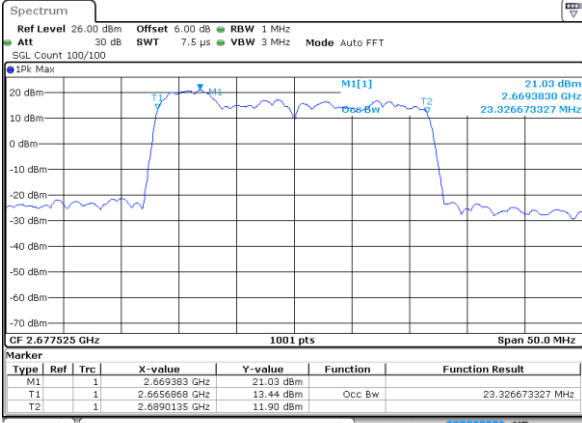
**Occupied Bandwidth**

Mode	LTE Band 41-CA : 99%OBW(MHz)	
<b>BW</b>	<b>5MHz+20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	23.33	23.08
<b>BW</b>	<b>10MHz+15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	23.28	23.53
<b>BW</b>	<b>10MHz+20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	28.17	27.99
<b>BW</b>	<b>15MHz+10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	23.48	23.58
<b>BW</b>	<b>15+15</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	28.47	28.59
<b>BW</b>	<b>15MHz+20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	32.87	32.73
<b>BW</b>	<b>20MHz+5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	23.23	23.13
<b>BW</b>	<b>20MHz+10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	28.23	27.93
<b>BW</b>	<b>20MHz+15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	32.66	32.66
<b>BW</b>	<b>20MHz+20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	37.72	37.64



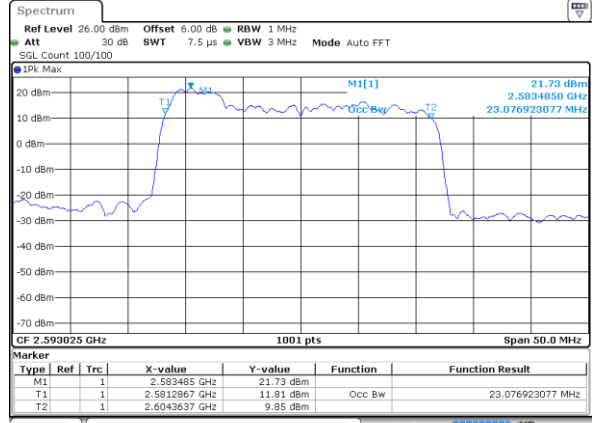
LTE Band 41

Middle Channel / 5MHz+20MHz / QPSK



Date: 30 SEP 2022 00:37:17

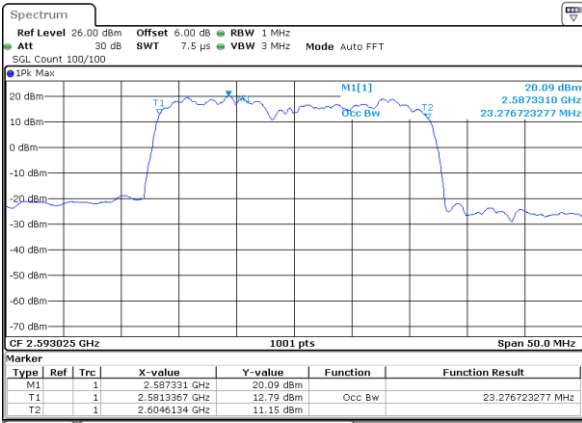
Middle Channel / 5MHz+20MHz / 16QAM



Date: 30 SEP 2022 00:38:42

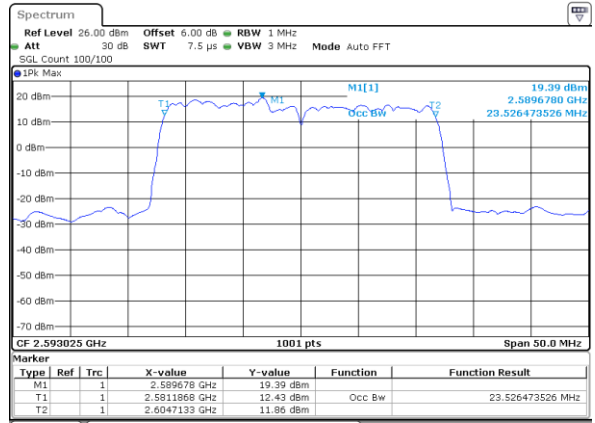
LTE Band 41

Middle Channel / 10MHz+15MHz / QPSK



Date: 30 SEP 2022 00:40:43

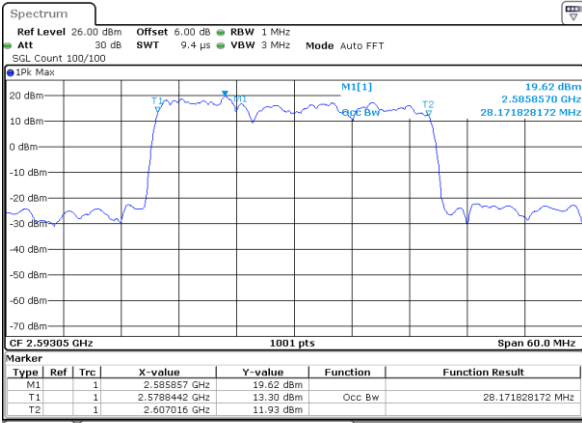
Middle Channel / 10MHz+15MHz / 16QAM



Date: 30 SEP 2022 00:42:02

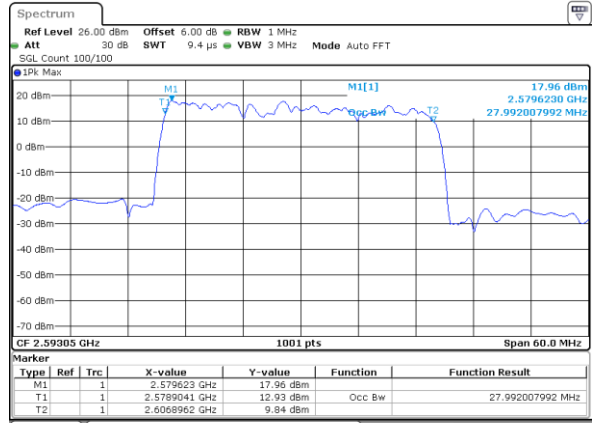
LTE Band 41

Middle Channel / 10MHz+20MHz / QPSK



Date: 30 SEP 2022 00:43:07

Middle Channel / 10MHz+20MHz / 16QAM



Date: 30 SEP 2022 00:44:26