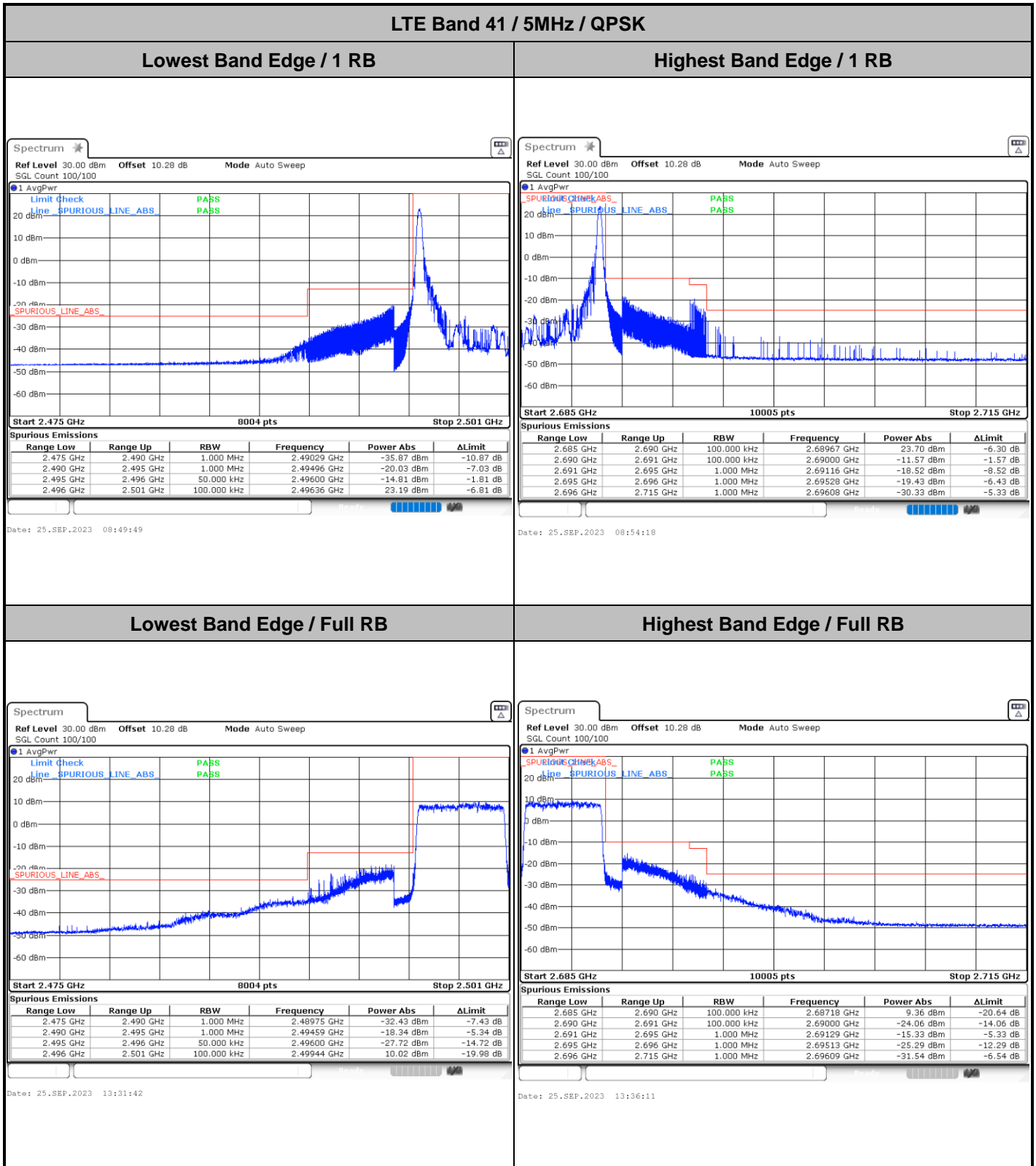




# Conducted Band Edge

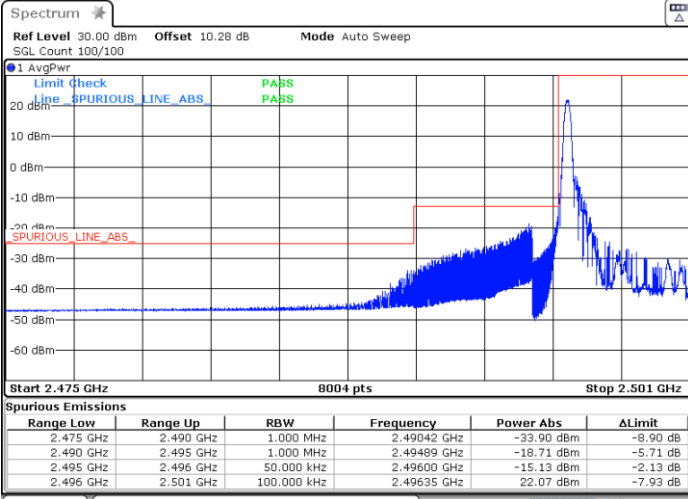




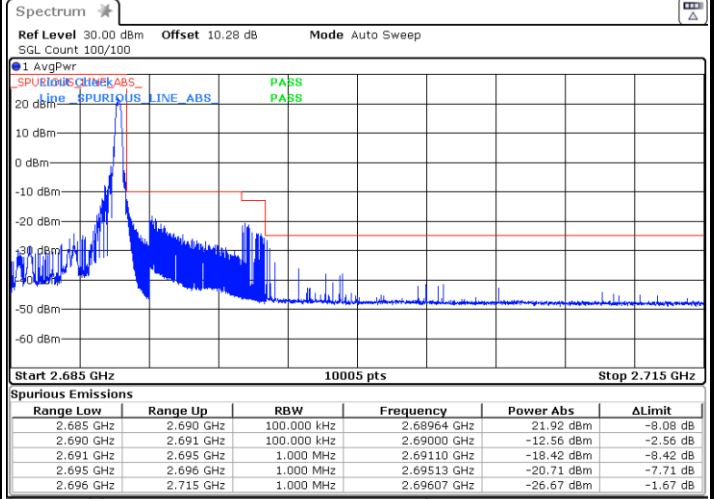
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



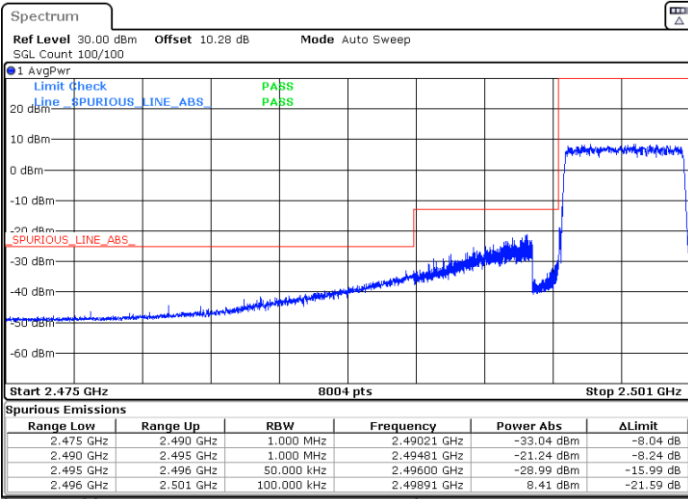
Date: 25 .SEP. 2023 09:52:24



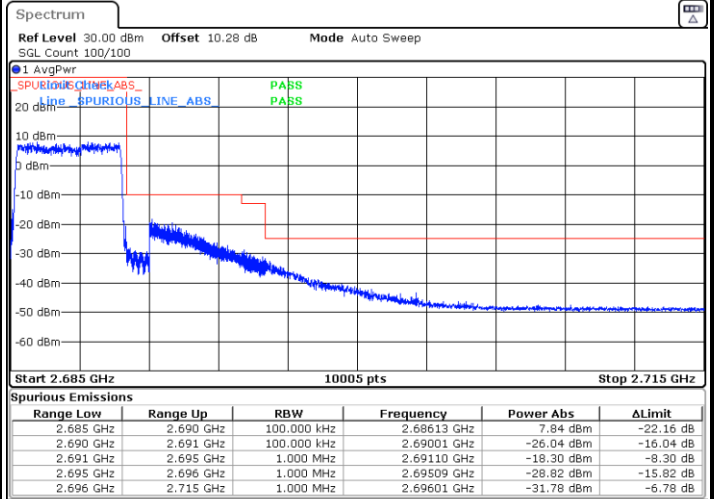
Date: 25 .SEP. 2023 09:56:25

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 25 .SEP. 2023 13:30:56

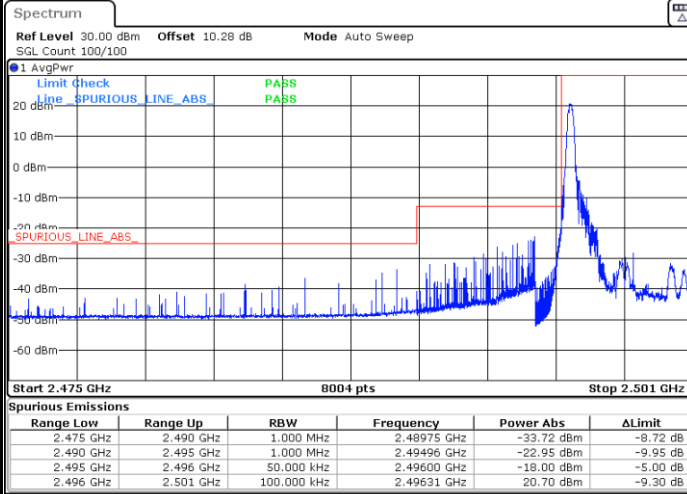


Date: 25 .SEP. 2023 13:35:26



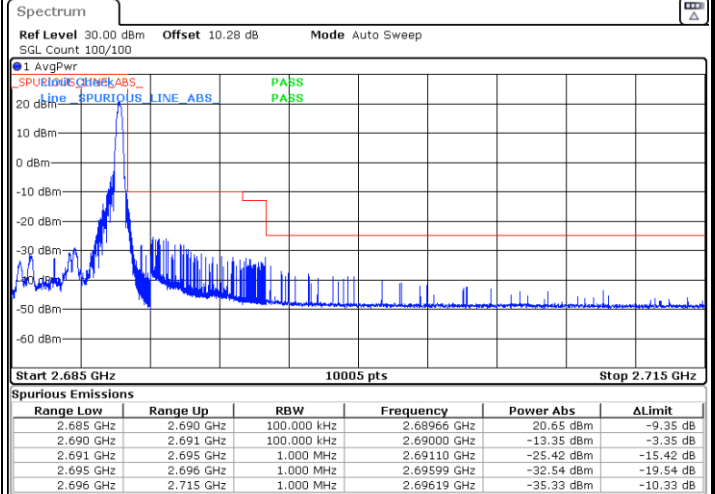
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



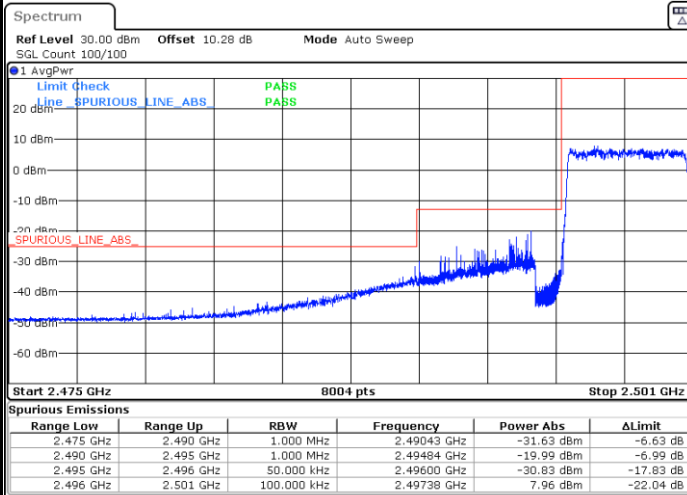
Date: 25 .SEP. 2023 13:29:23

Highest Band Edge / 1 RB



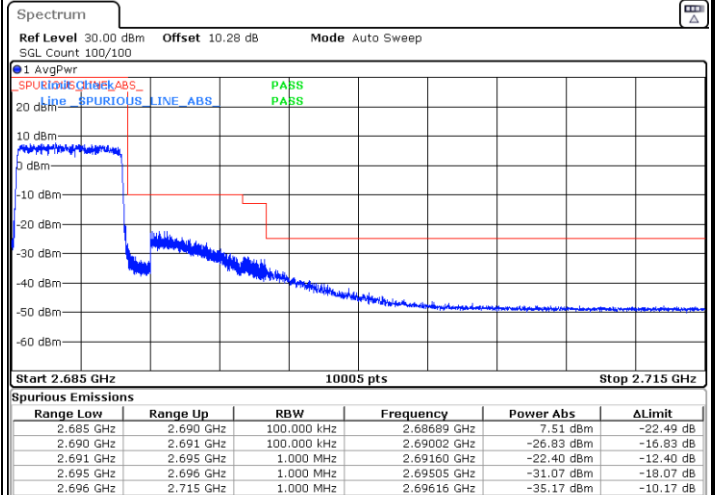
Date: 25 .SEP. 2023 13:33:57

Lowest Band Edge / Full RB



Date: 25 .SEP. 2023 13:30:09

Highest Band Edge / Full RB

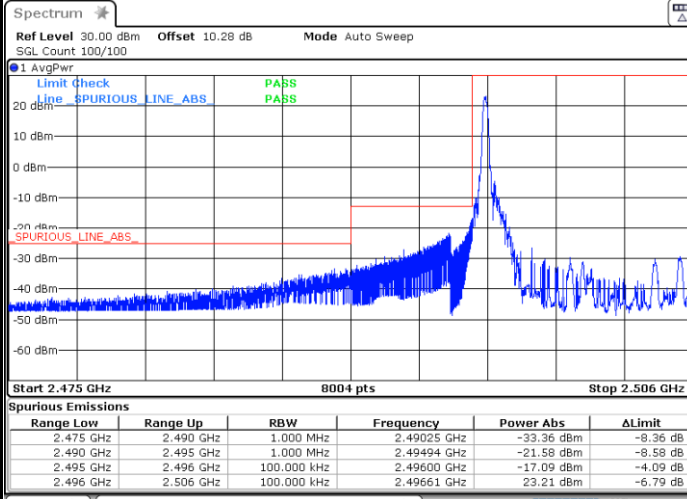


Date: 25 .SEP. 2023 13:34:42



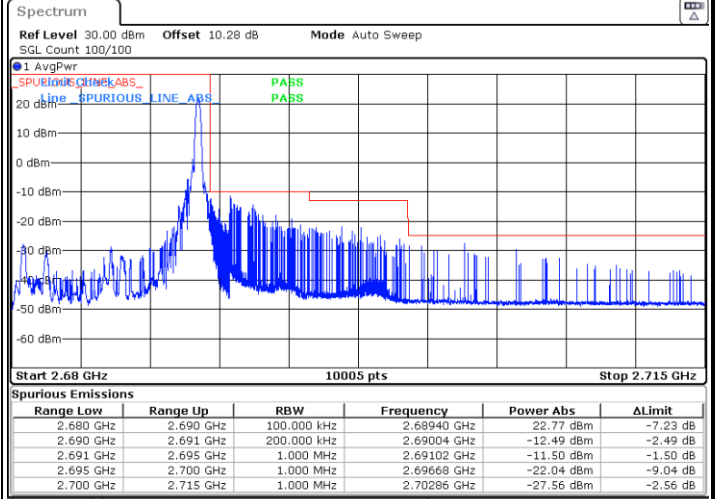
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



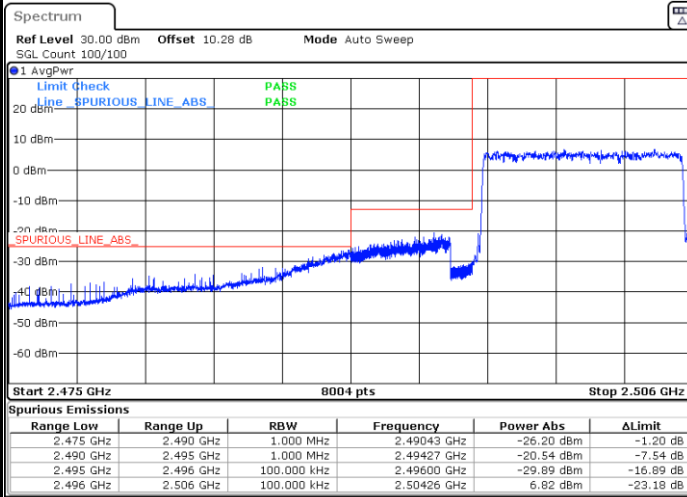
Date: 25\_SEP.2023 09:58:38

Highest Band Edge / 1 RB



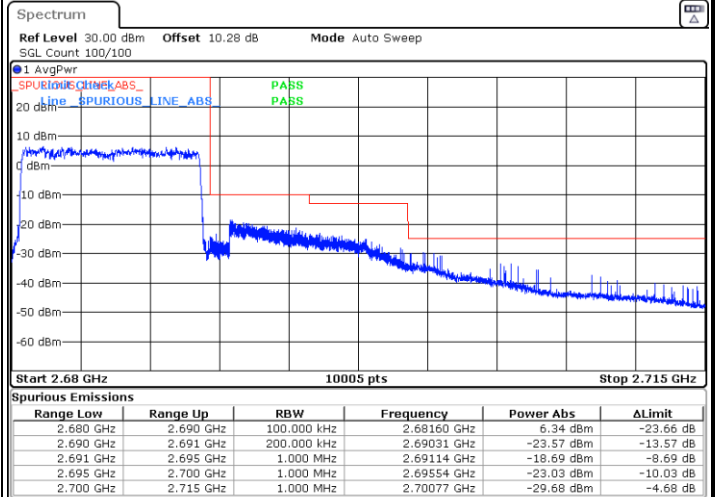
Date: 25\_SEP.2023 09:03:57

Lowest Band Edge / Full RB



Date: 25\_SEP.2023 13:39:17

Highest Band Edge / Full RB



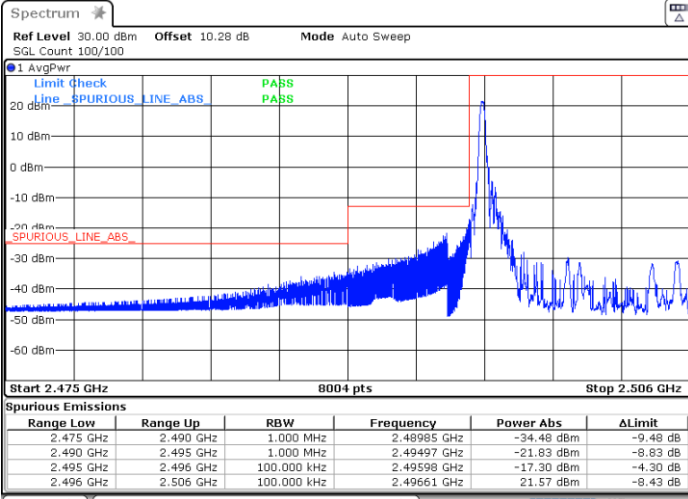
Date: 25\_SEP.2023 13:43:49



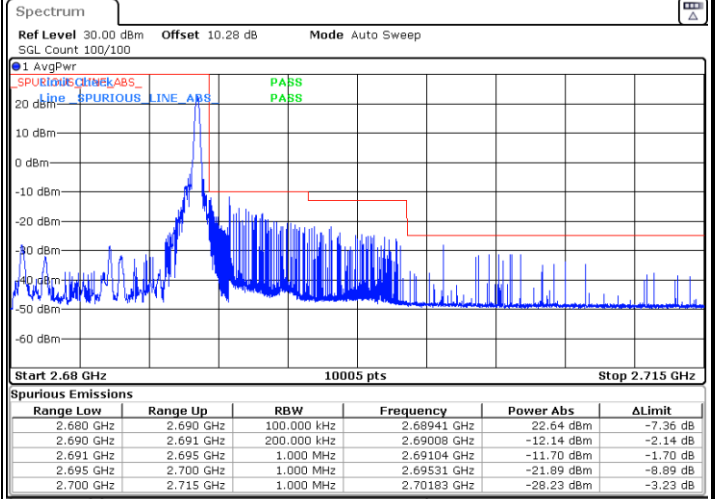
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



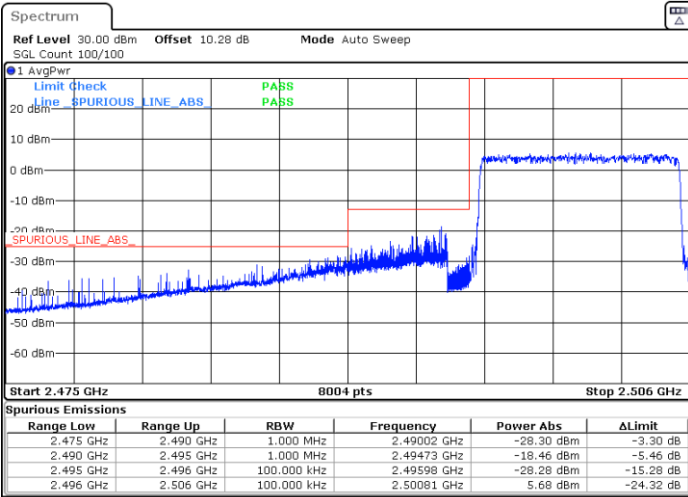
Date: 25\_SEP.2023 09:00:31



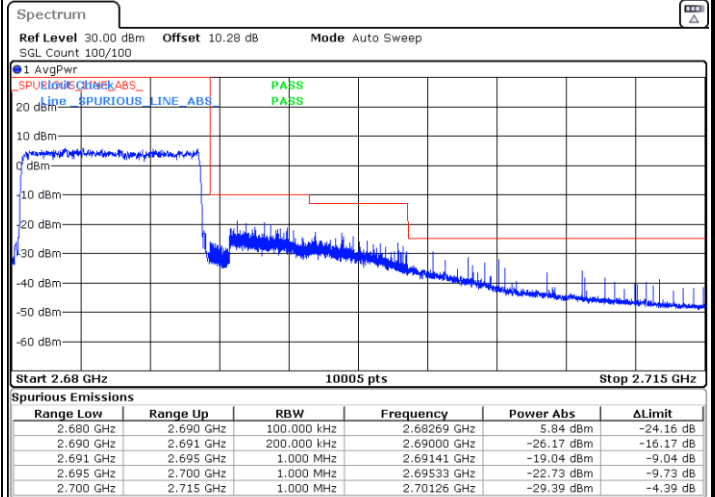
Date: 25\_SEP.2023 13:42:19

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 25\_SEP.2023 13:40:03

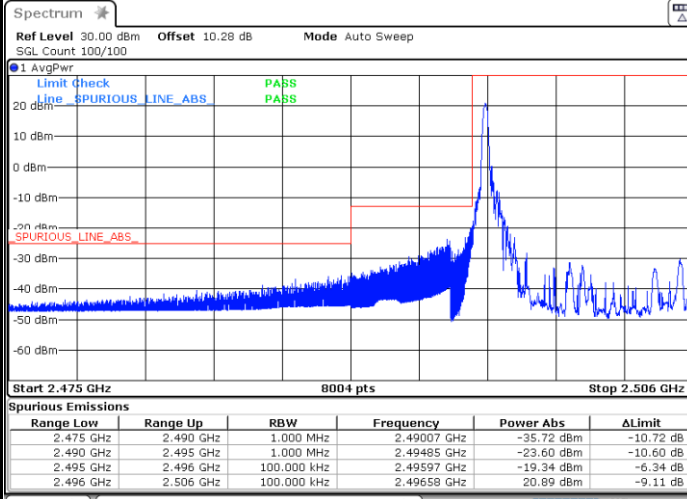


Date: 25\_SEP.2023 13:44:33



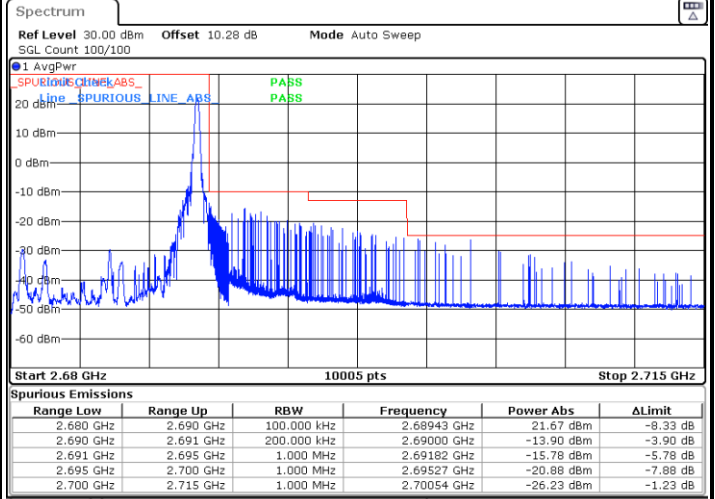
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



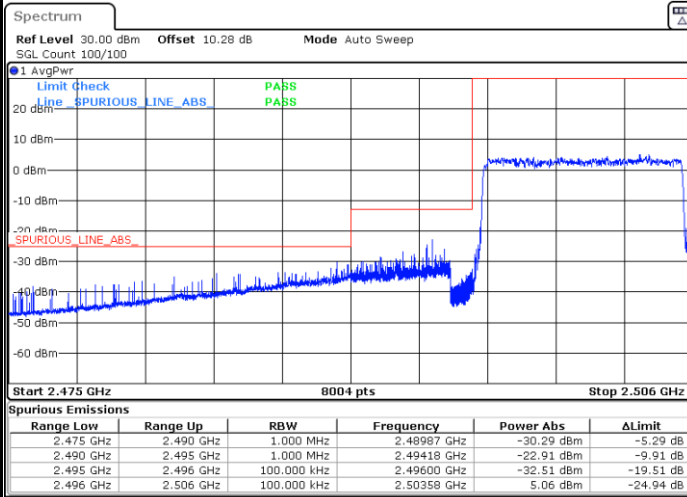
Date: 25\_SEP.2023 09:02:44

Highest Band Edge / 1 RB



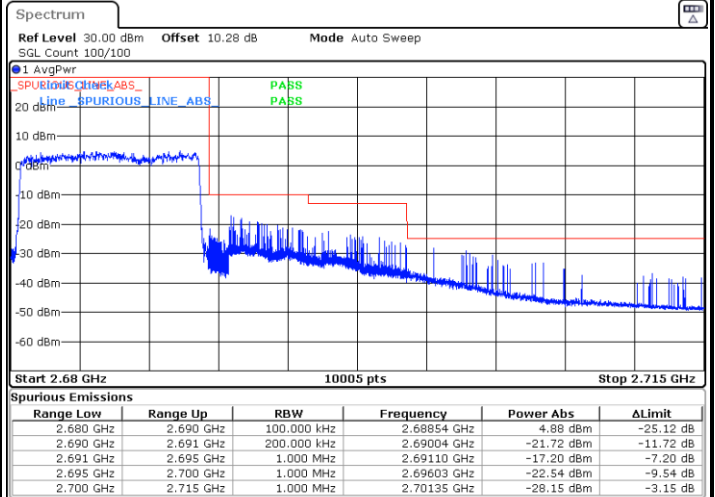
Date: 25\_SEP.2023 13:43:04

Lowest Band Edge / Full RB



Date: 25\_SEP.2023 13:40:49

Highest Band Edge / Full RB

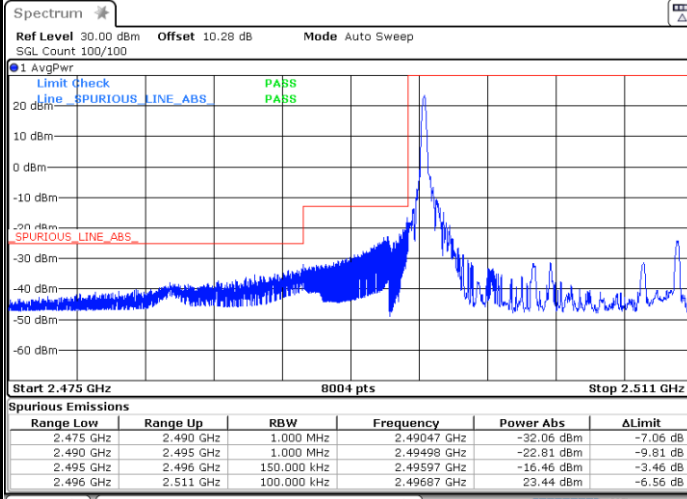


Date: 25\_SEP.2023 13:45:18



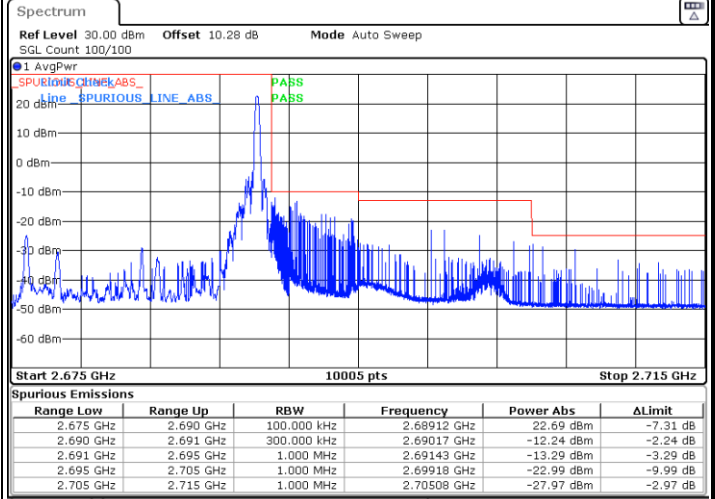
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



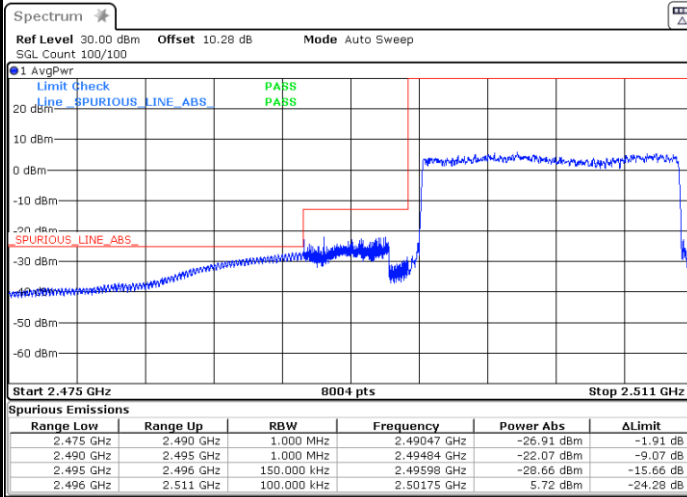
Date: 25\_SEP.2023 09:06:49

Highest Band Edge / 1 RB



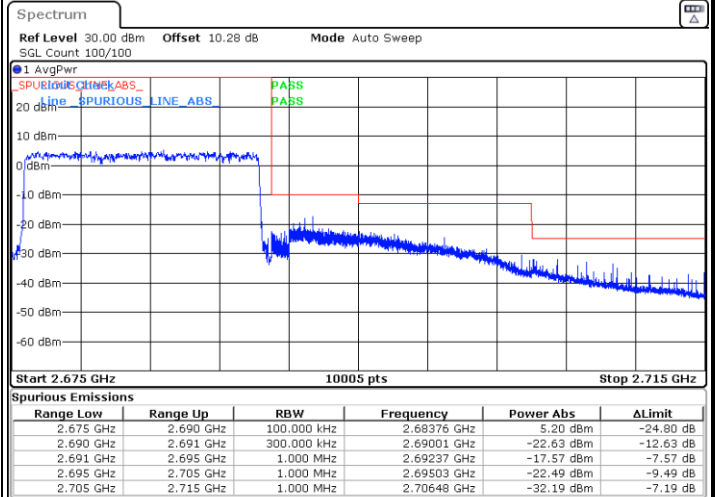
Date: 25\_SEP.2023 13:50:56

Lowest Band Edge / Full RB



Date: 25\_SEP.2023 09:12:58

Highest Band Edge / Full RB

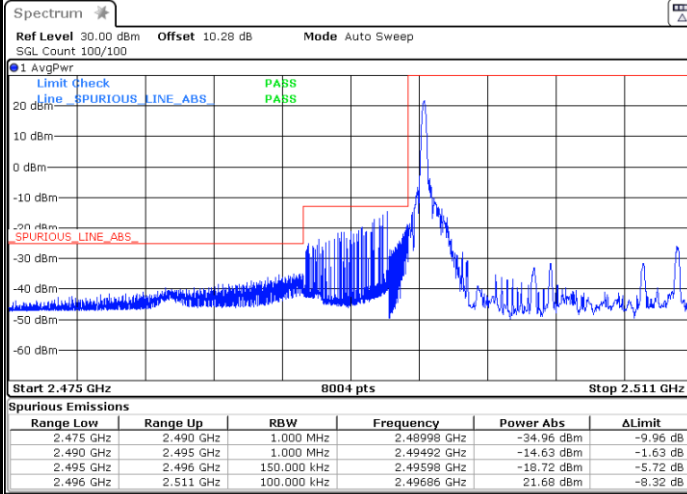


Date: 25\_SEP.2023 08:35:10



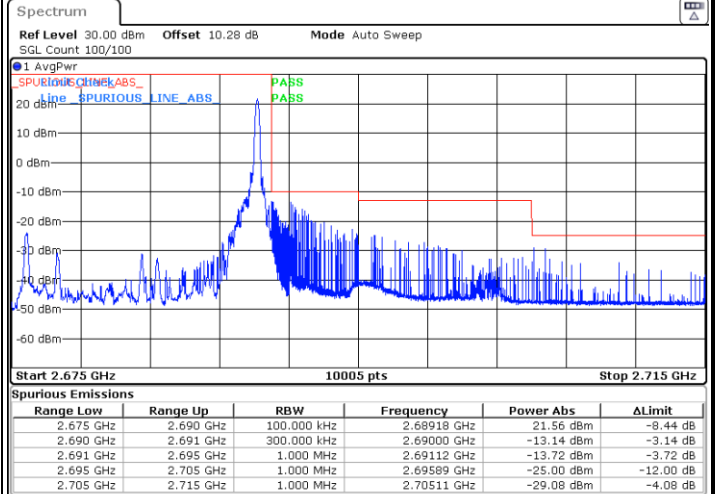
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



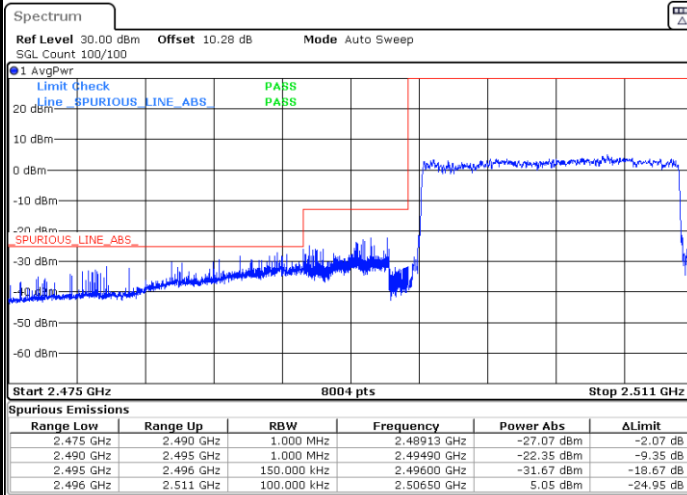
Date: 25\_SEP.2023 09:08:08

Highest Band Edge / 1 RB



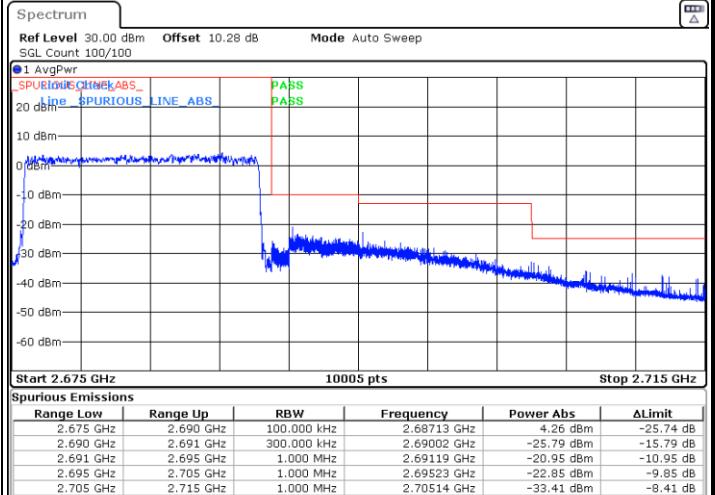
Date: 25\_SEP.2023 09:14:06

Lowest Band Edge / Full RB



Date: 25\_SEP.2023 13:49:11

Highest Band Edge / Full RB



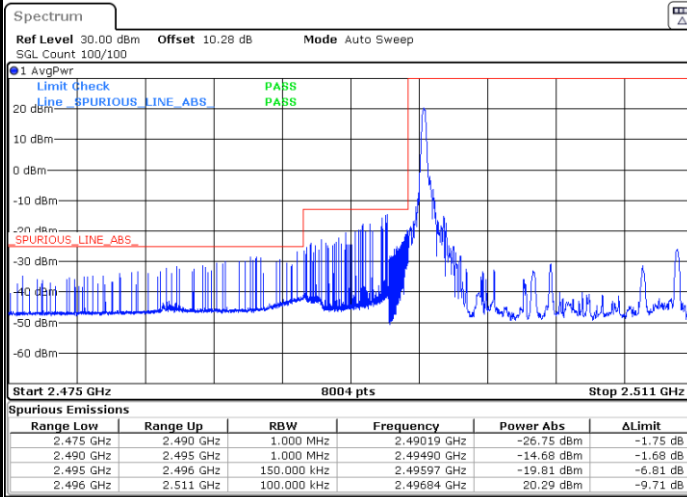
Date: 25\_SEP.2023 08:35:56





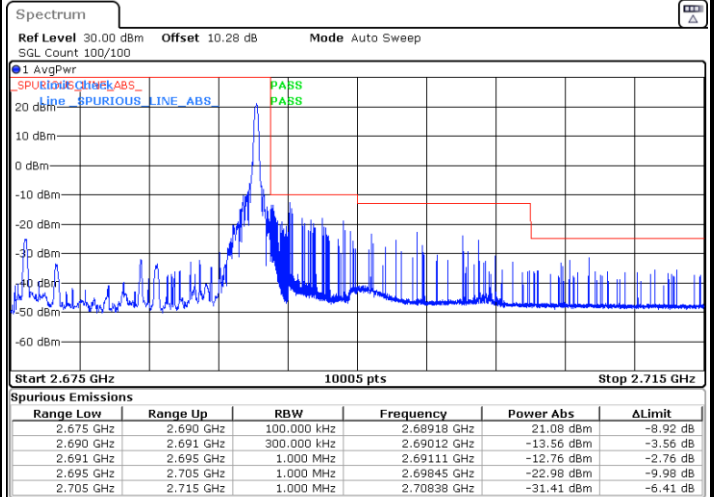
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



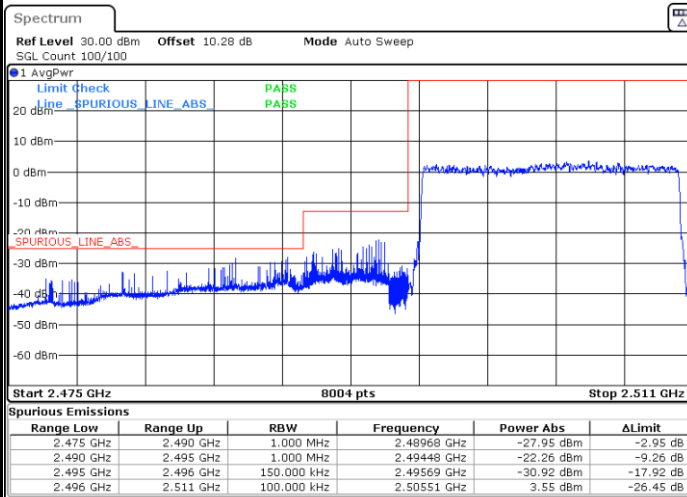
Date: 25\_SEP.2023 09:10:06

Highest Band Edge / 1 RB



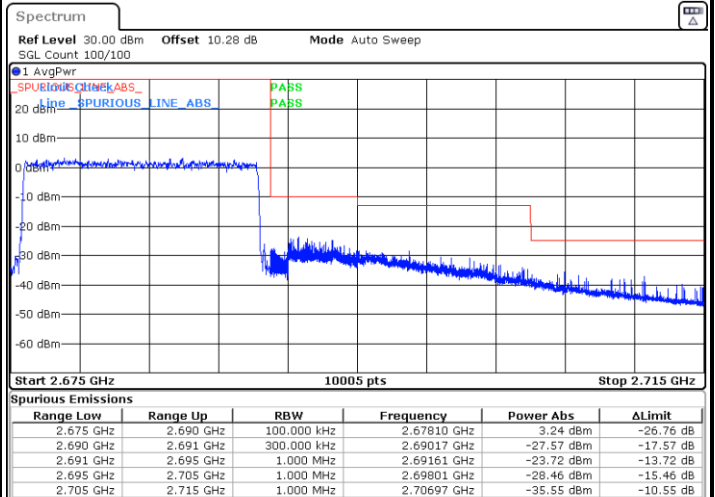
Date: 25\_SEP.2023 08:34:25

Lowest Band Edge / Full RB



Date: 25\_SEP.2023 13:49:58

Highest Band Edge / Full RB

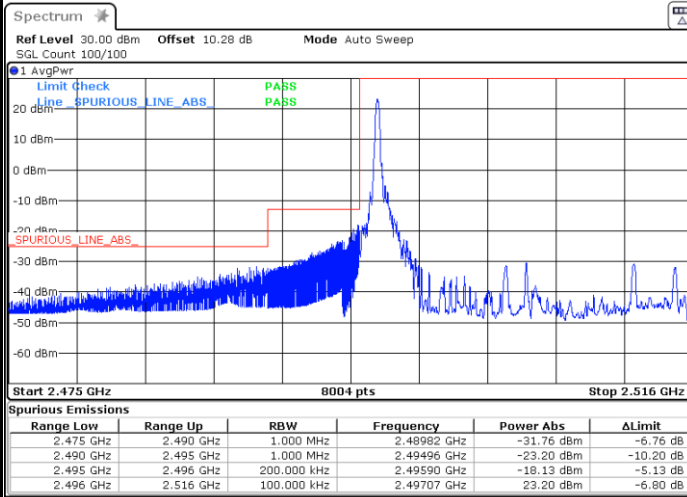


Date: 25\_SEP.2023 08:36:41

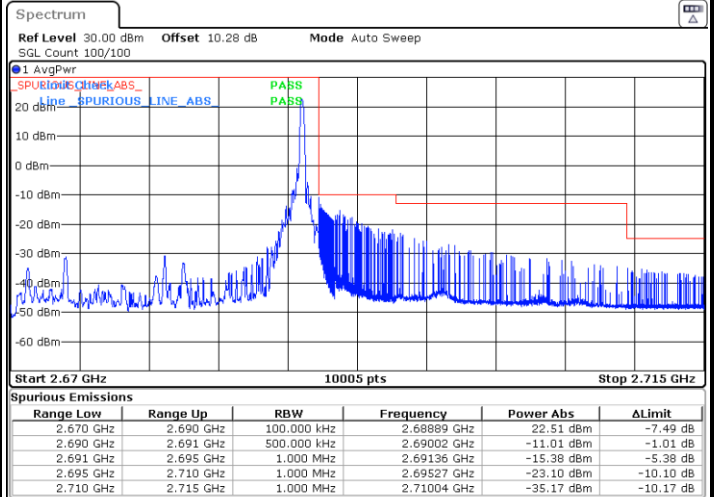


LTE Band 41 / 20MHz / QPSK

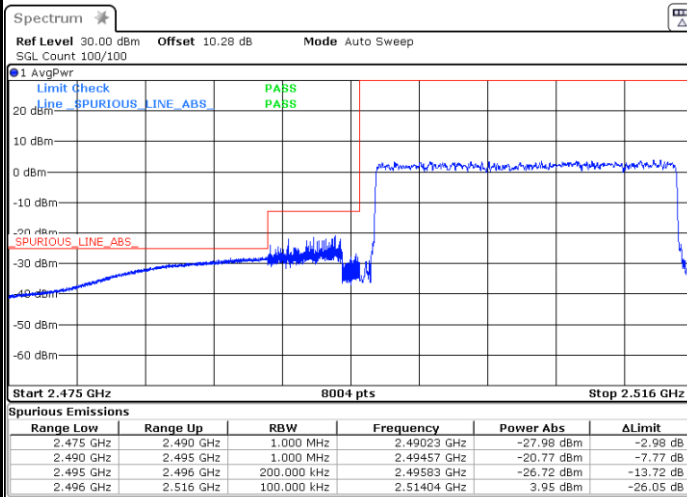
Lowest Band Edge / 1 RB



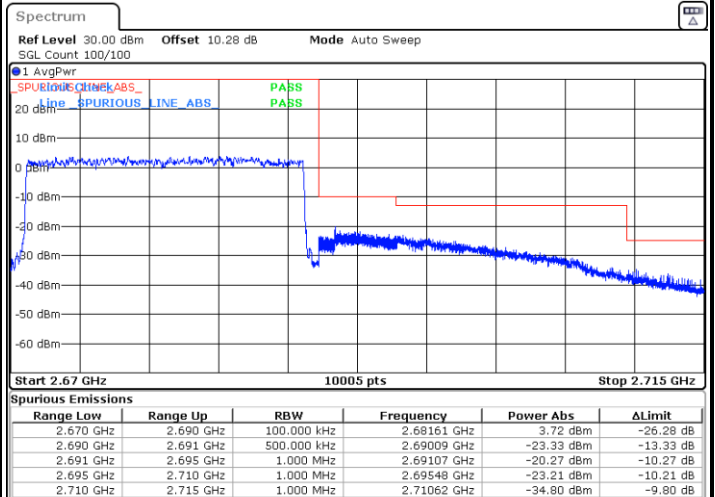
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



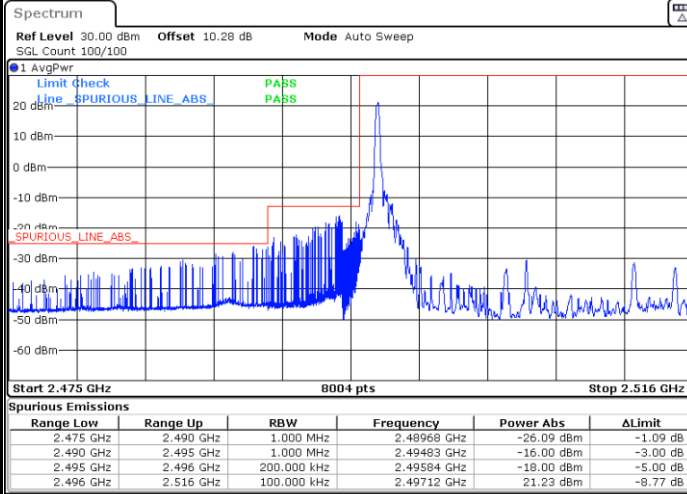
Highest Band Edge / Full RB





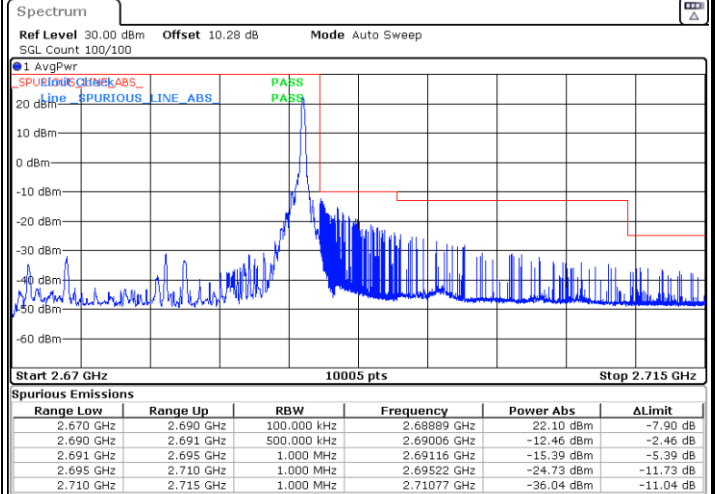
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



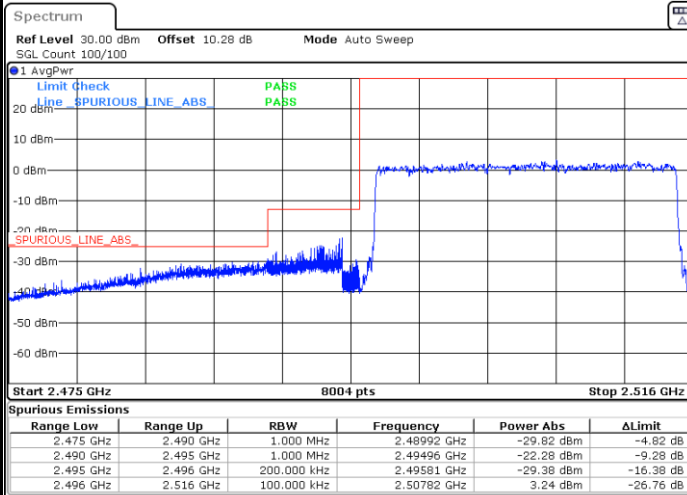
Date: 25\_SEP.2023 08:38:13

Highest Band Edge / 1 RB



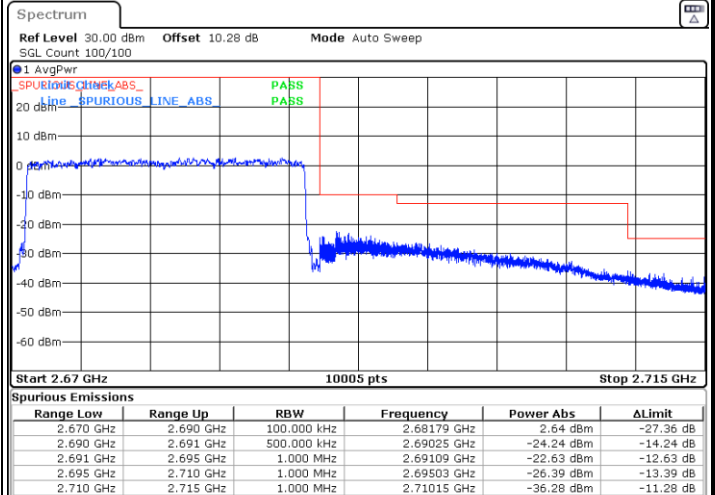
Date: 25\_SEP.2023 08:42:47

Lowest Band Edge / Full RB



Date: 25\_SEP.2023 08:40:30

Highest Band Edge / Full RB



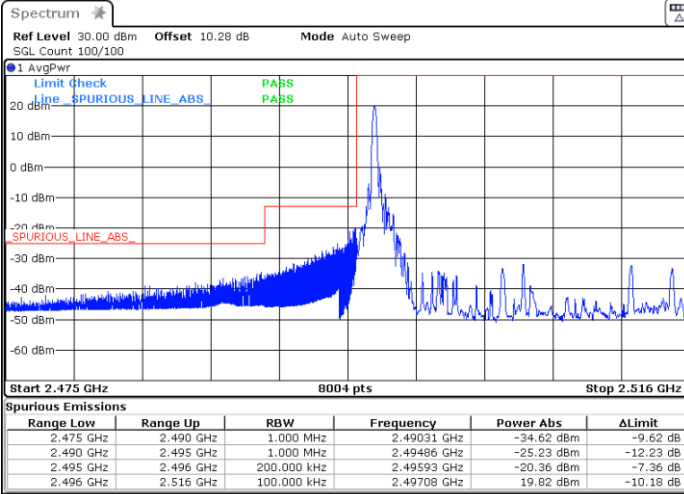
Date: 25\_SEP.2023 08:45:03



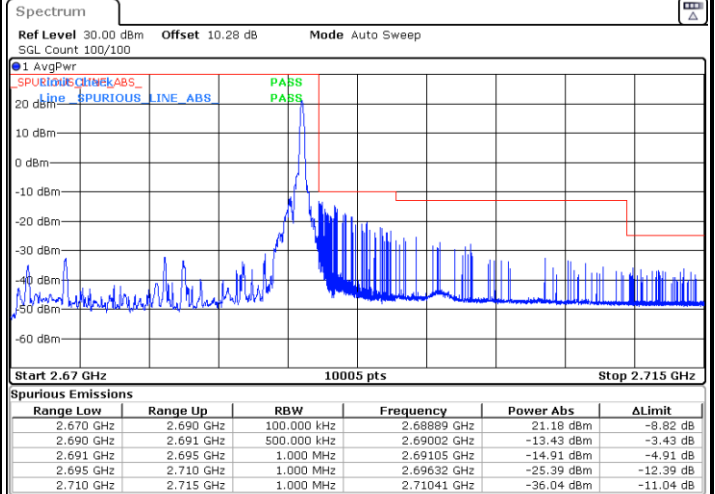
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



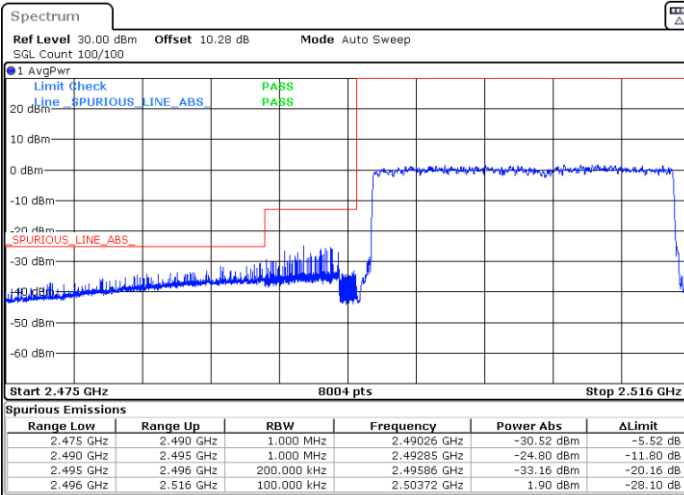
Date: 25\_SEP.2023 09:20:12



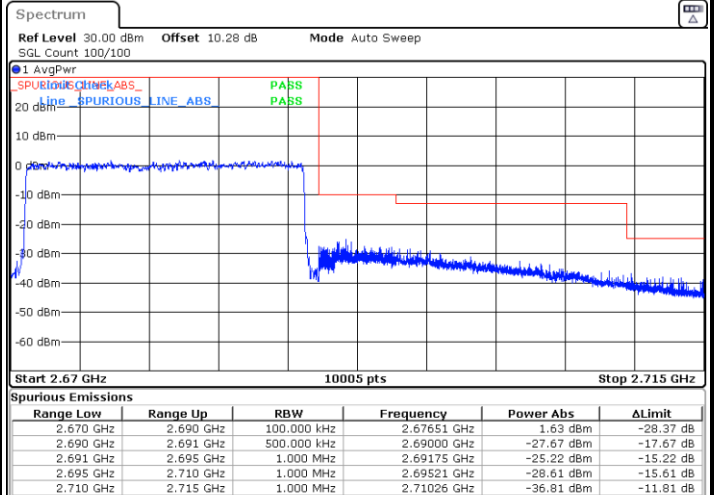
Date: 25\_SEP.2023 08:43:32

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



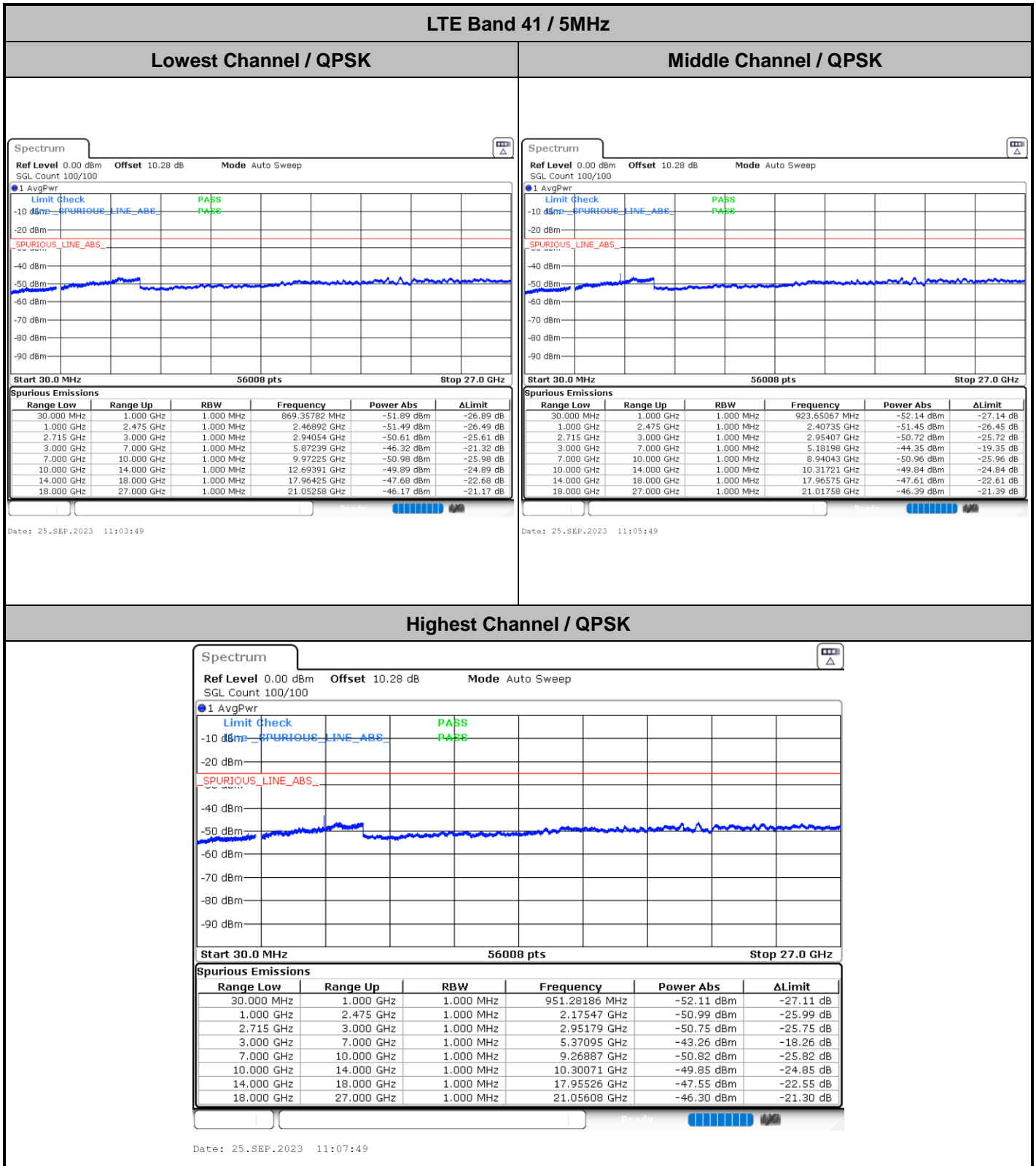
Date: 25\_SEP.2023 08:41:16



Date: 25\_SEP.2023 08:45:47



# Conducted Spurious Emission

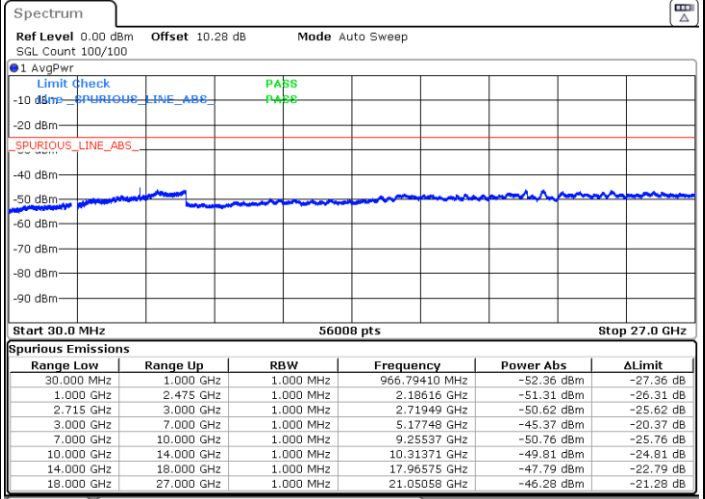
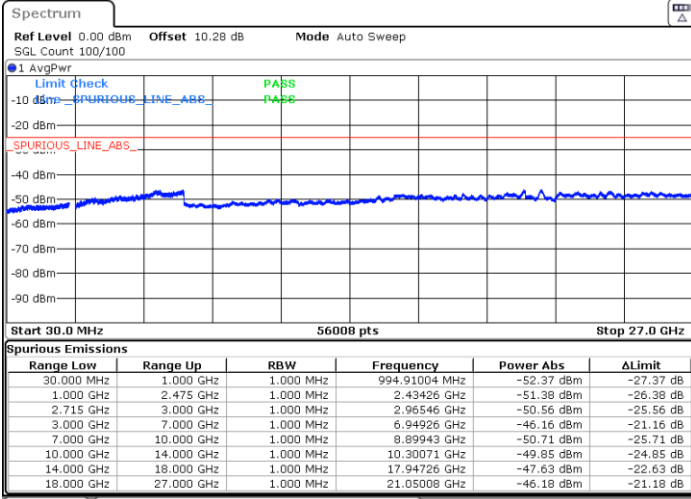




LTE Band 41 / 10MHz

Lowest Channel / QPSK

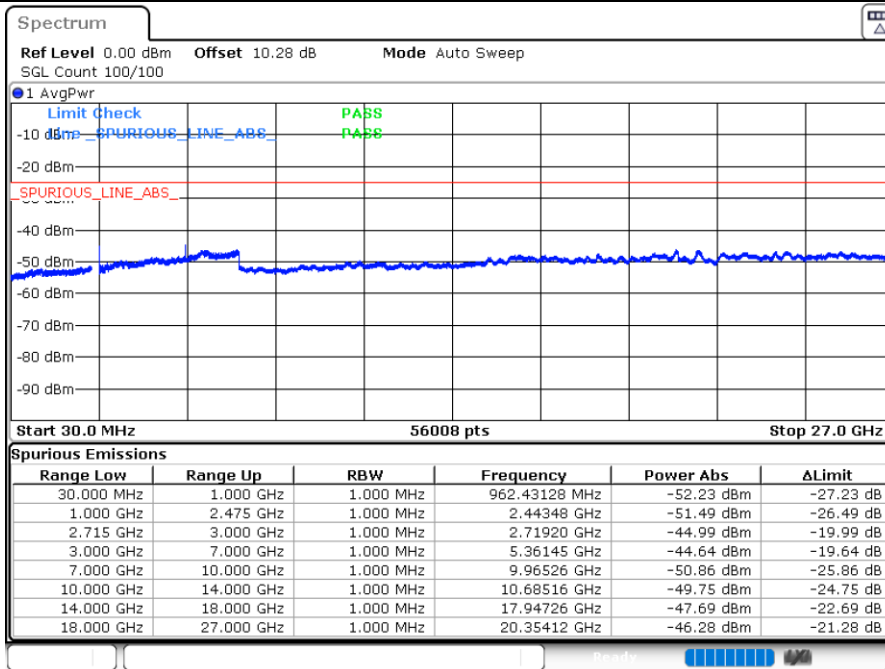
Middle Channel / QPSK



Date: 25.SEP.2023 11:09:49

Date: 25.SEP.2023 11:11:49

Highest Channel / QPSK



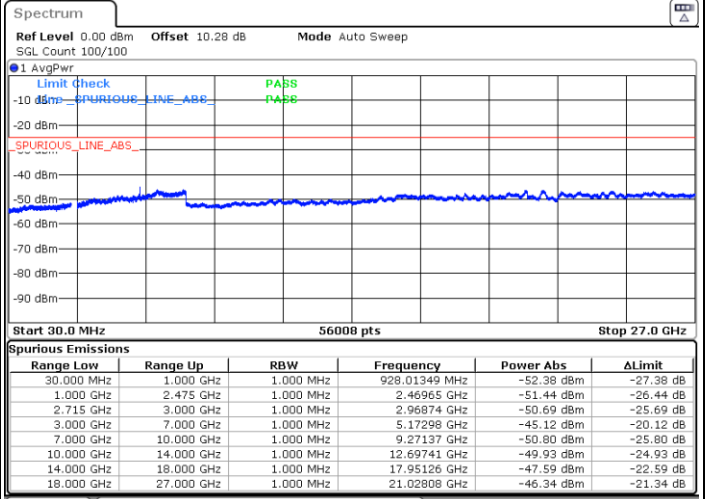
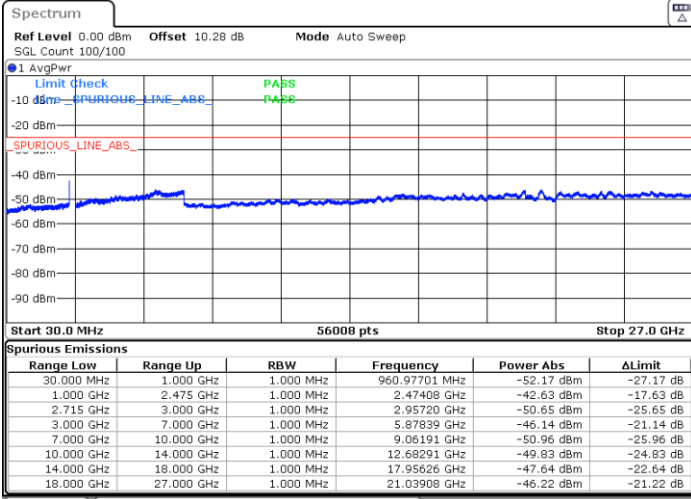
Date: 25.SEP.2023 11:13:49



LTE Band 41 / 15MHz

Lowest Channel / QPSK

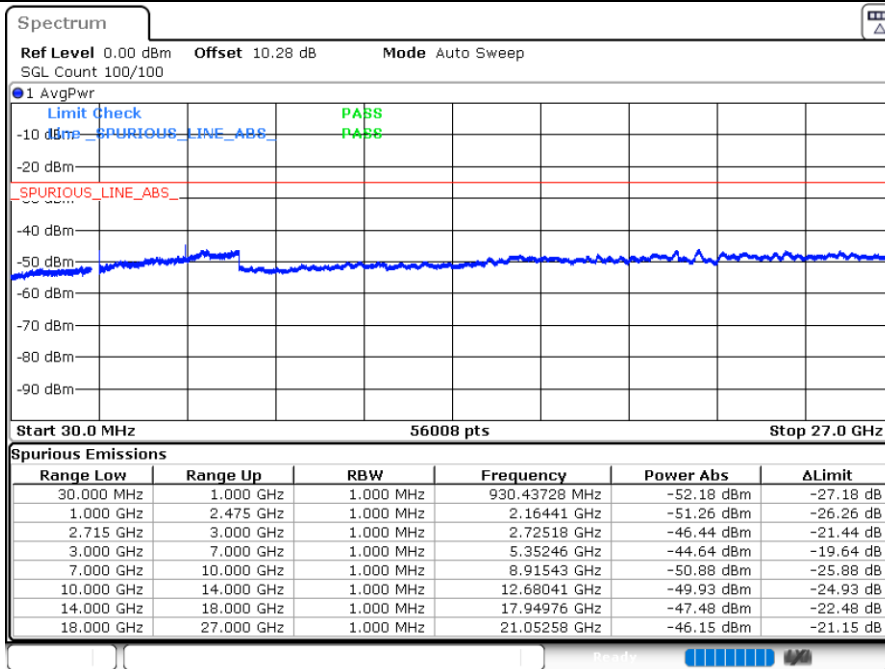
Middle Channel / QPSK



Date: 25.SEP.2023 11:15:50

Date: 25.SEP.2023 11:17:50

Highest Channel / QPSK



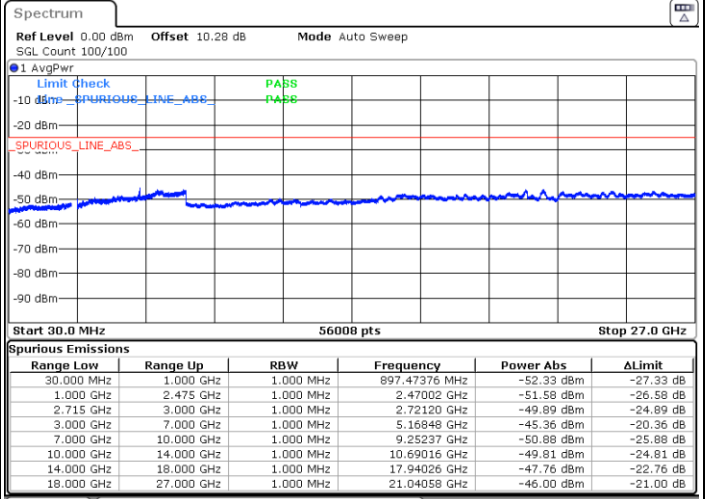
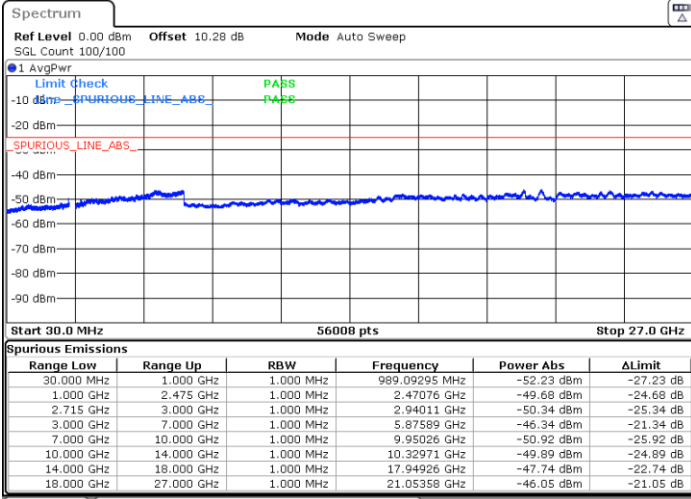
Date: 25.SEP.2023 11:19:50



LTE Band 41 / 20MHz

Lowest Channel / QPSK

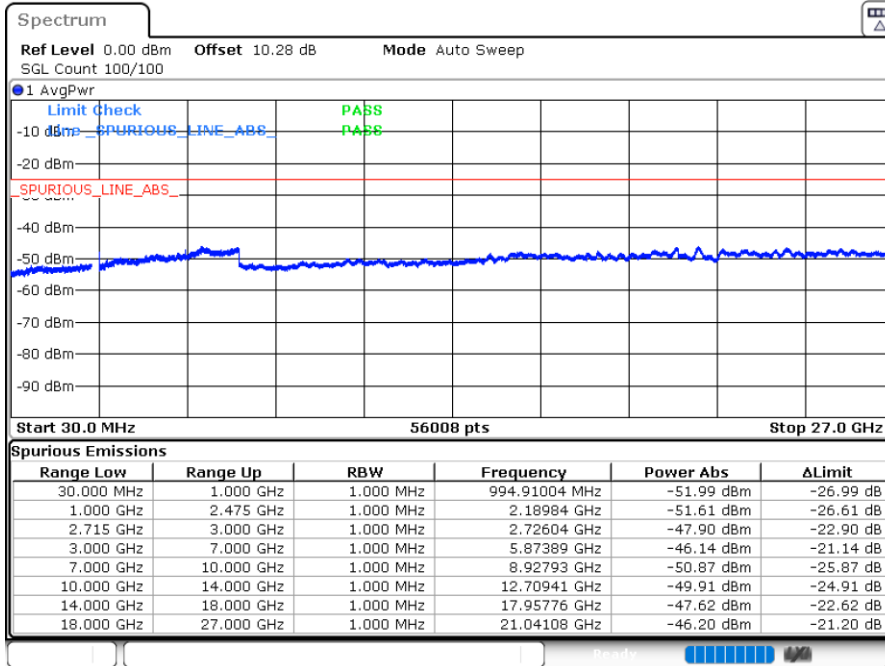
Middle Channel / QPSK



Date: 25.SEP.2023 11:21:51

Date: 25.SEP.2023 11:23:51

Highest Channel / QPSK



Date: 25.SEP.2023 11:25:50





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	0.0026	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0036	
0	Normal Voltage	0.0048	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0032	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0034	
20	Battery End Point	0.0022	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 41C

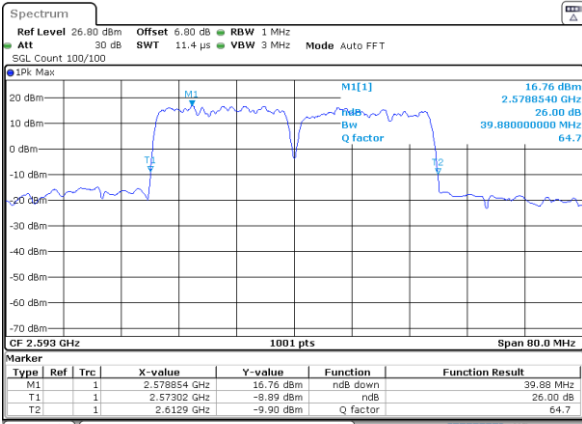
## 26dB Bandwidth

Mode	LTE Band 41-CA : 26dB BW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	39.88	39.88
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	34.97	35.04
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	29.97	30.03
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	24.88	24.83
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	34.97	34.90
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.69	30.69
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.33	25.28
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	29.97	29.91
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	25.28	25.28
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	24.93	24.93



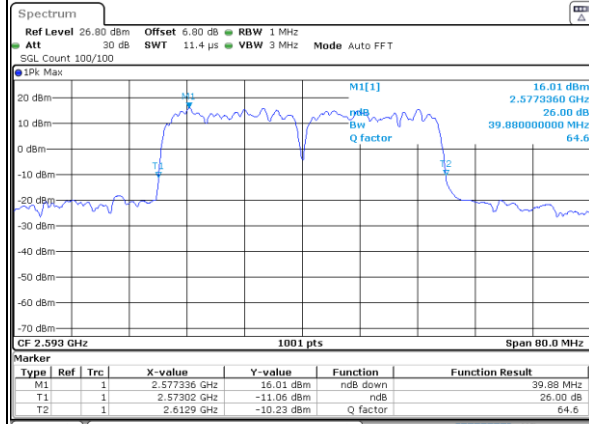
LTE Band 41

Middle Channel / 20MHz+20MHz / QPSK



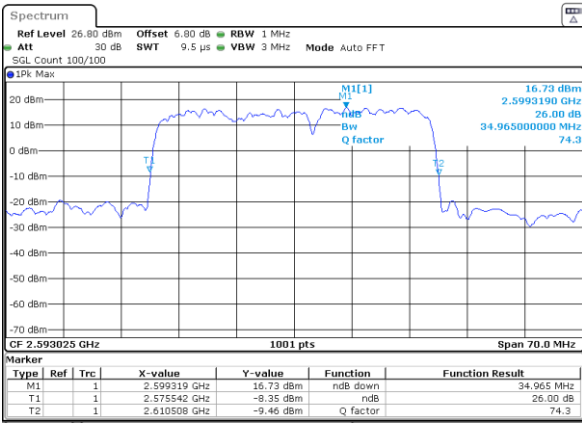
Date: 28\_SEP.2023 00:58:15

Middle Channel / 20MHz+20MHz / 16QAM



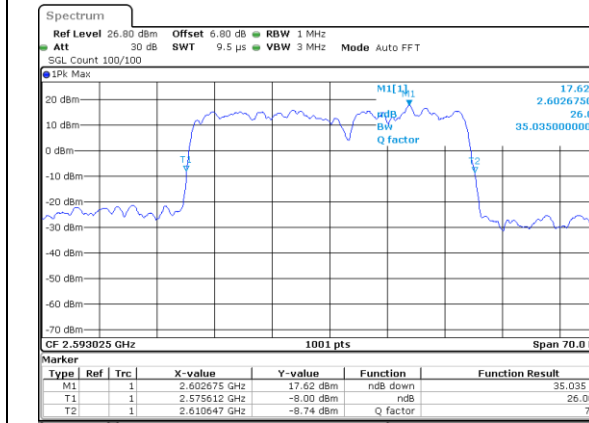
Date: 28\_SEP.2023 00:57:48

Middle Channel / 20MHz+15MHz / QPSK



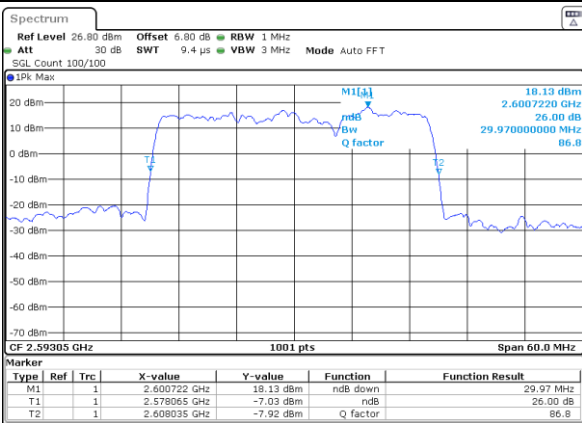
Date: 28\_SEP.2023 00:55:54

Middle Channel / 20MHz+15MHz / 16QAM



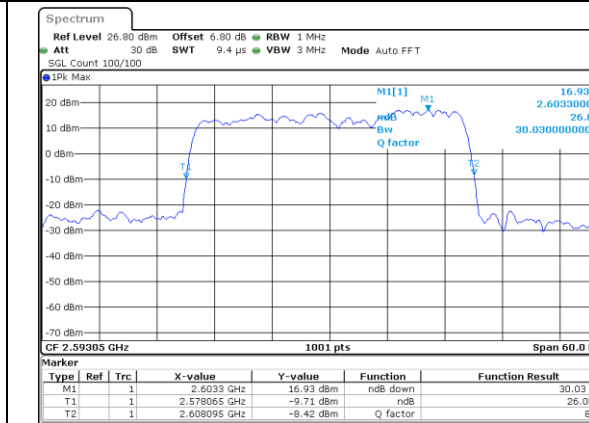
Date: 28\_SEP.2023 00:56:22

Middle Channel / 20MHz+10MHz / QPSK



Date: 27\_SEP.2023 23:27:19

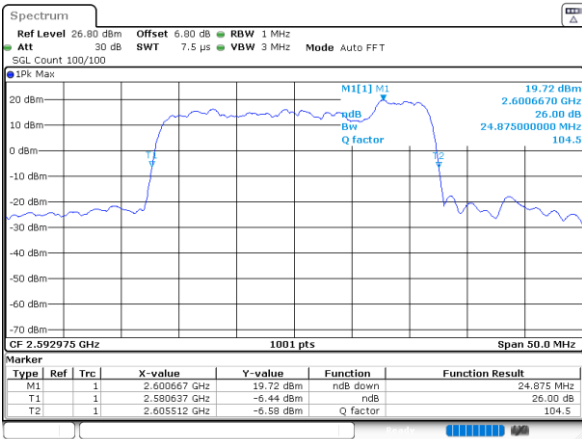
Middle Channel / 20MHz+10MHz / 16QAM



Date: 27\_SEP.2023 23:26:52

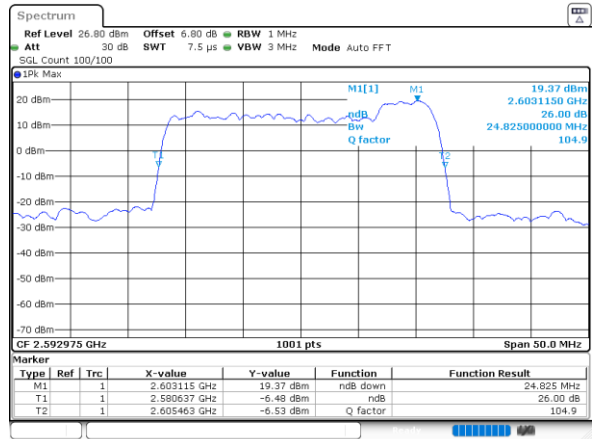


Middle Channel / 20MHz+5MHz / QPSK



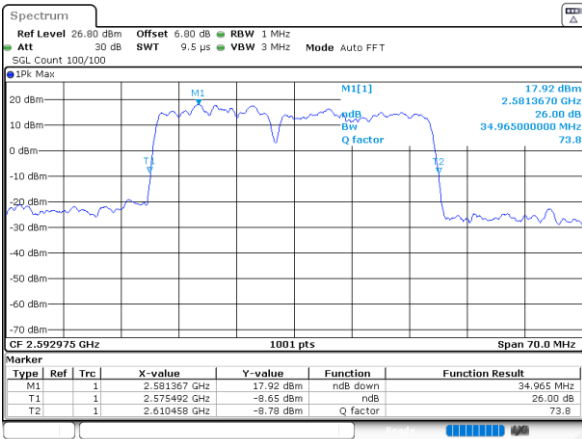
Date: 27\_SEP.2023 23:16:26

Middle Channel / 20MHz+5MHz / 16QAM



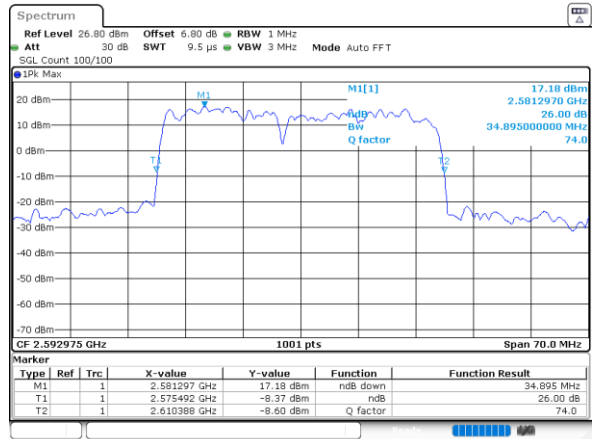
Date: 27\_SEP.2023 23:15:59

Middle Channel / 15MHz+20MHz / QPSK



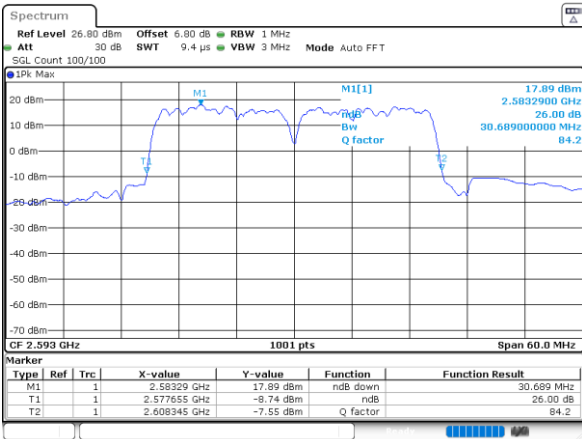
Date: 28\_SEP.2023 00:53:30

Middle Channel / 15MHz+20MHz / 16QAM



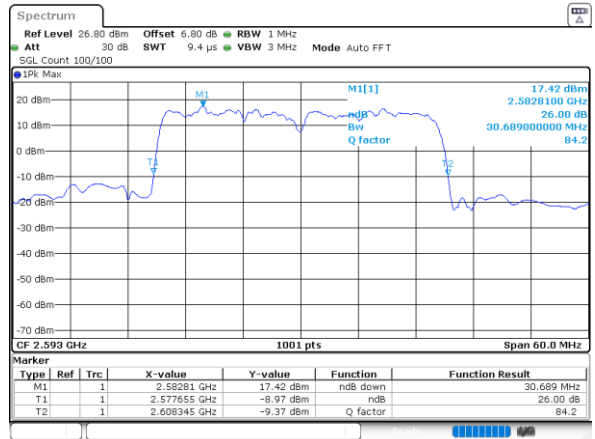
Date: 28\_SEP.2023 00:53:03

Middle Channel / 15MHz+15MHz / QPSK



Date: 28\_SEP.2023 00:51:10

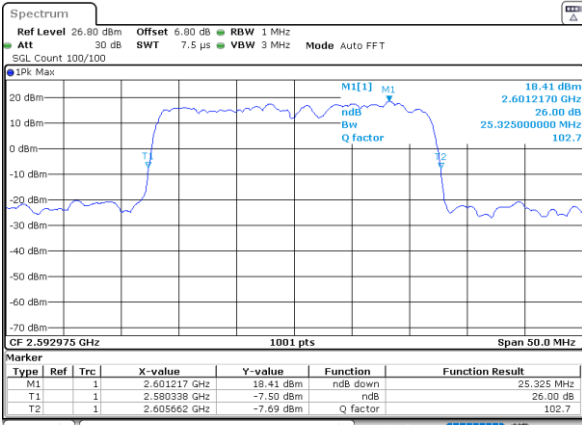
Middle Channel / 15MHz+15MHz / 16QAM



Date: 28\_SEP.2023 00:51:37

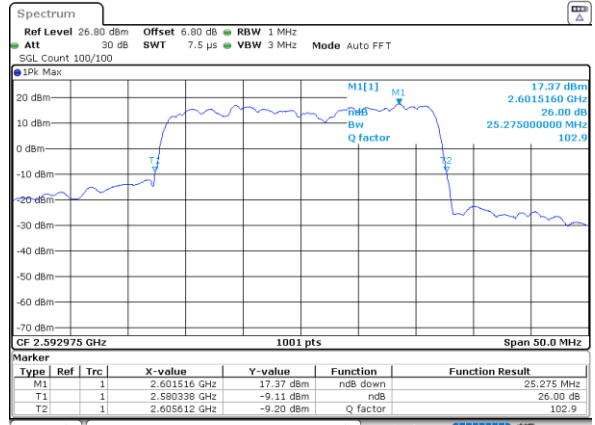


Middle Channel /15MHz+10MHz / QPSK



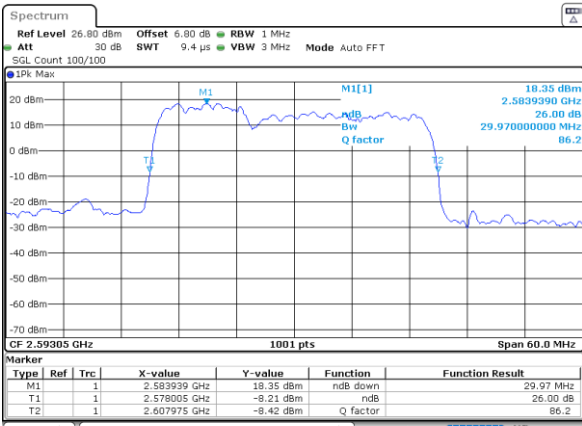
Date: 27\_SEP.2023 23:21:08

Middle Channel / 15MHz+10MHz / 16QAM



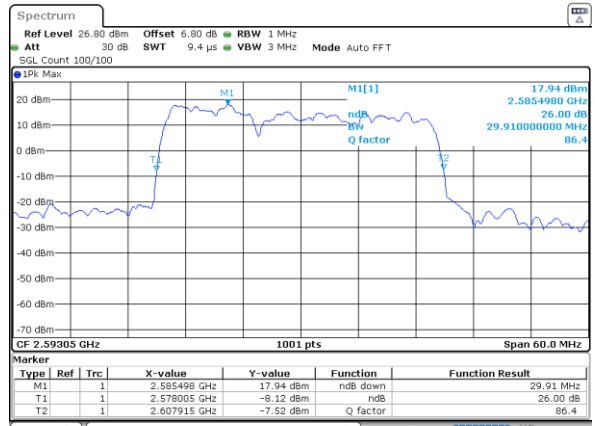
Date: 27\_SEP.2023 23:20:41

Middle Channel / 10MHz+20MHz / QPSK



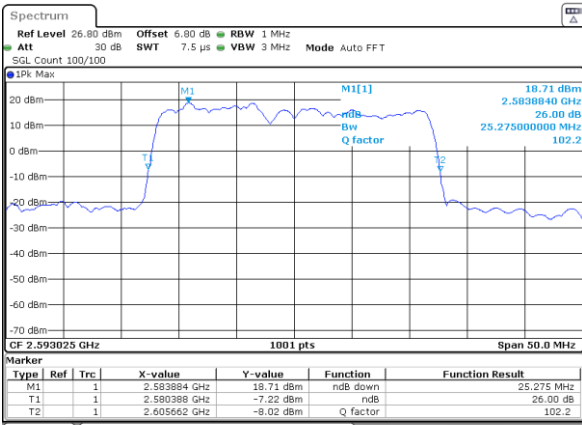
Date: 27\_SEP.2023 23:24:17

Middle Channel / 10MHz+20MHz / 16QAM



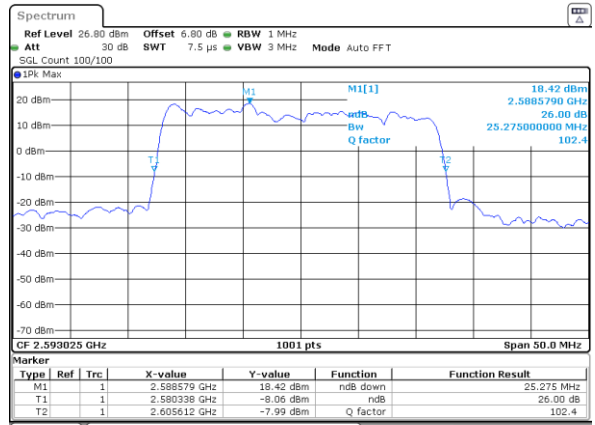
Date: 27\_SEP.2023 23:24:44

Middle Channel / 10MHz+15MHz / QPSK

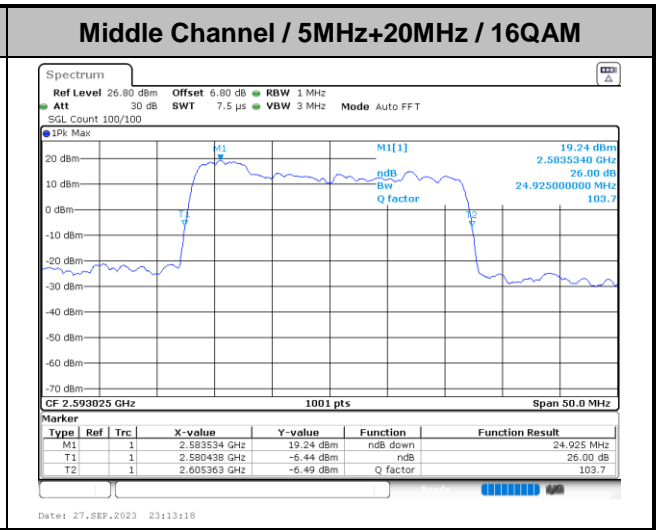
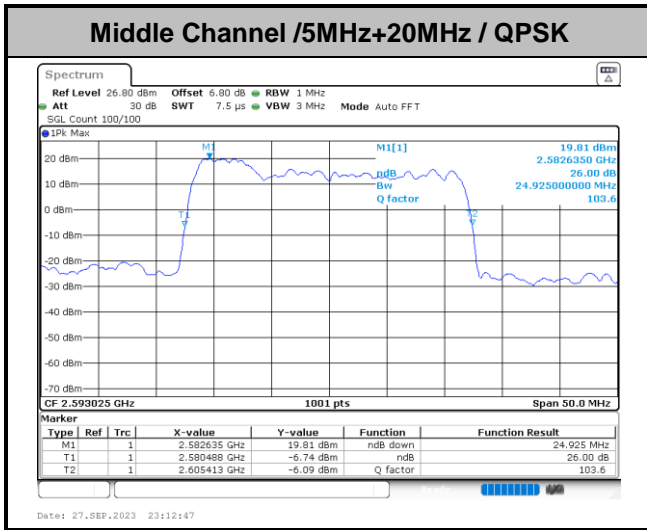


Date: 27\_SEP.2023 23:18:45

Middle Channel / 10MHz+15MHz / 16QAM



Date: 27\_SEP.2023 23:19:13





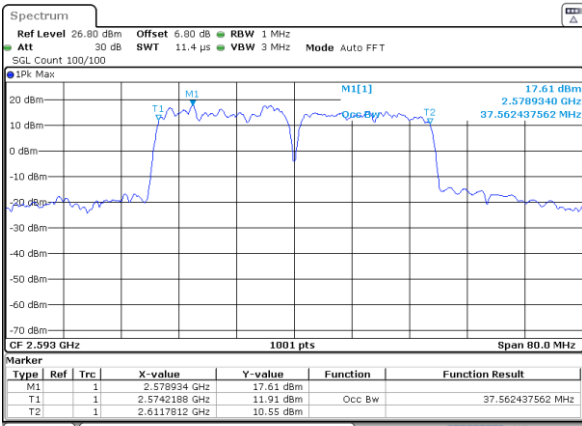
**Occupied Bandwidth**

Mode	LTE Band 41-CA : 99%OBW(MHz)	
<b>BW</b>	<b>20MHz+20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	37.56	37.48
<b>BW</b>	<b>20MHz+15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	33.08	32.80
<b>BW</b>	<b>20MHz+10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	28.05	27.75
<b>BW</b>	<b>20MHz+5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	23.23	23.23
<b>BW</b>	<b>15MHz+20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	32.94	32.80
<b>BW</b>	<b>15MHz+15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	28.65	28.77
<b>BW</b>	<b>15MHz+10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	23.43	23.28
<b>BW</b>	<b>10MHz+20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	28.11	28.05
<b>BW</b>	<b>10MHz+15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	23.48	23.28
<b>BW</b>	<b>5MHz+20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	23.23	23.23



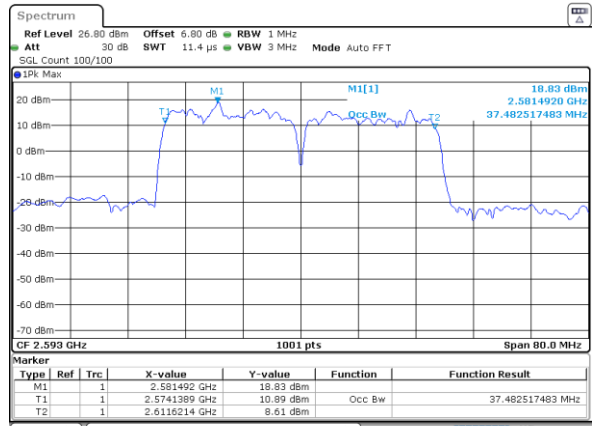
LTE Band 41

Middle Channel / 20MHz+20MHz / QPSK



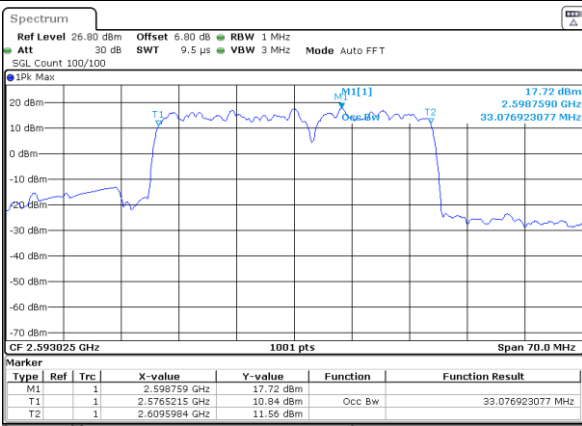
Date: 28\_SEP.2023 00:58:42

Middle Channel / 20MHz+20MHz / 16QAM



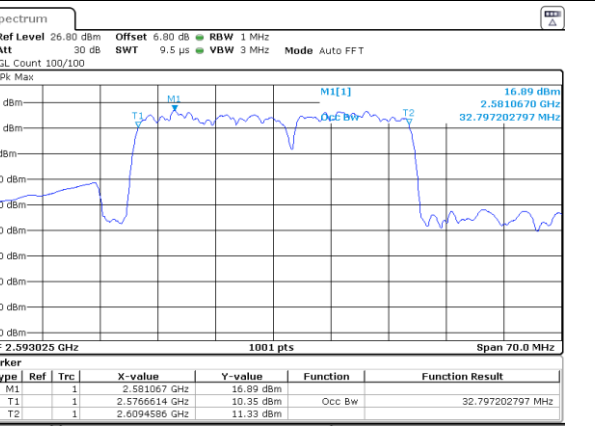
Date: 28\_SEP.2023 00:57:21

Middle Channel / 20MHz+15MHz / QPSK



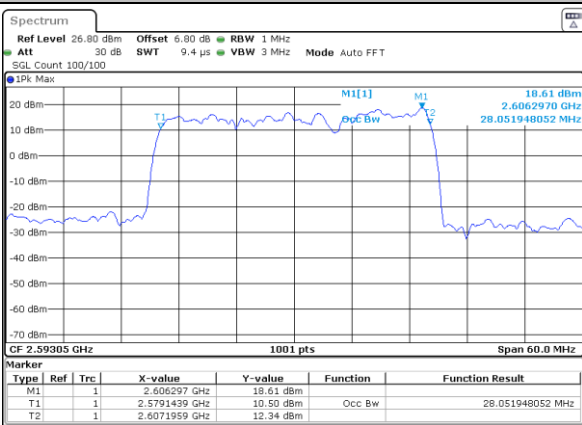
Date: 28\_SEP.2023 00:55:27

Middle Channel / 20MHz+15MHz / 16QAM



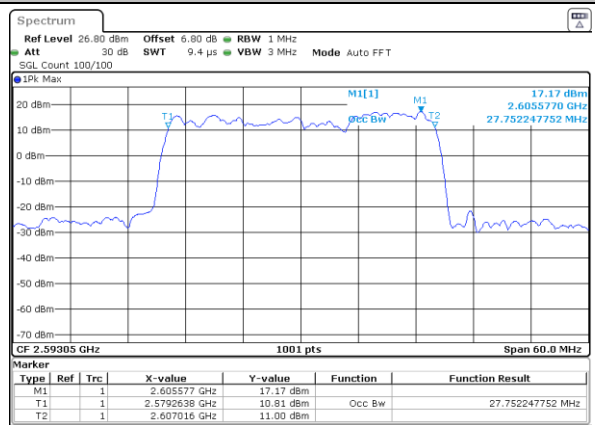
Date: 28\_SEP.2023 00:56:49

Middle Channel / 20MHz+10MHz / QPSK



Date: 27\_SEP.2023 23:27:46

Middle Channel / 20MHz+10MHz / 16QAM

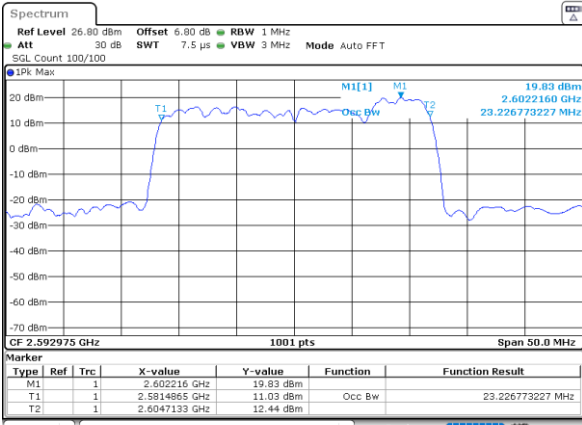


Date: 27\_SEP.2023 23:26:25



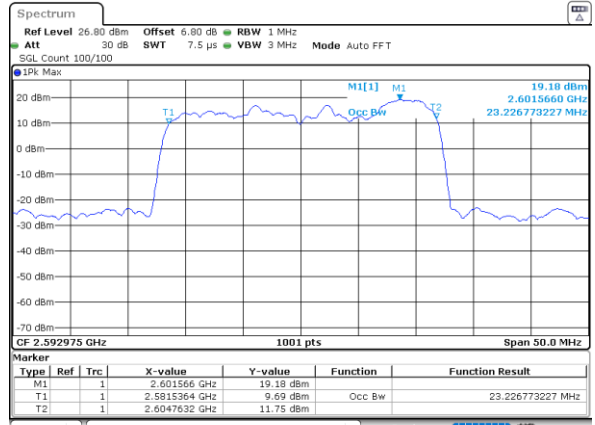


Middle Channel / 20MHz+5MHz / QPSK



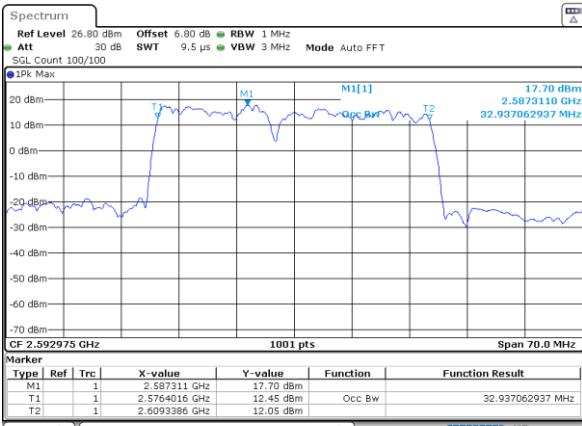
Date: 27\_SEP.2023 23:16:53

Middle Channel / 20MHz+5MHz / 16QAM



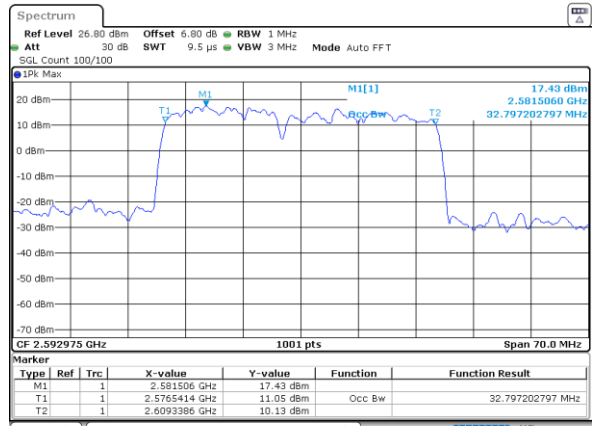
Date: 27\_SEP.2023 23:15:32

Middle Channel / 15MHz+20MHz / QPSK



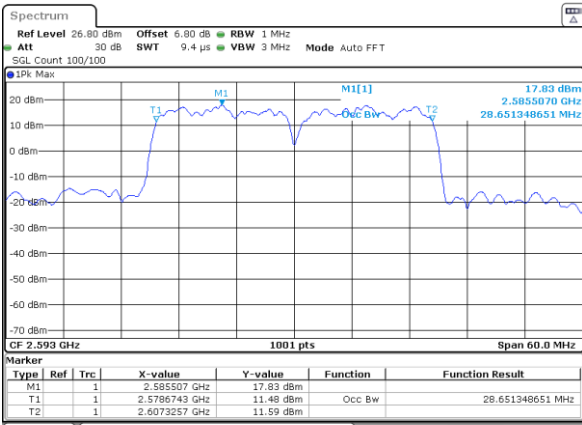
Date: 28\_SEP.2023 00:53:57

Middle Channel / 15MHz+20MHz / 16QAM



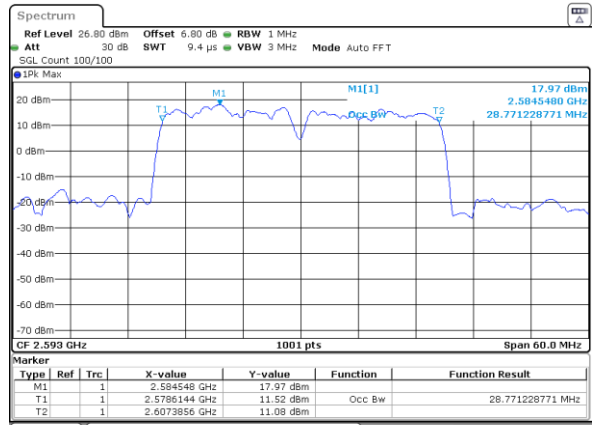
Date: 28\_SEP.2023 00:52:36

Middle Channel / 15MHz+15MHz / QPSK



Date: 28\_SEP.2023 00:50:43

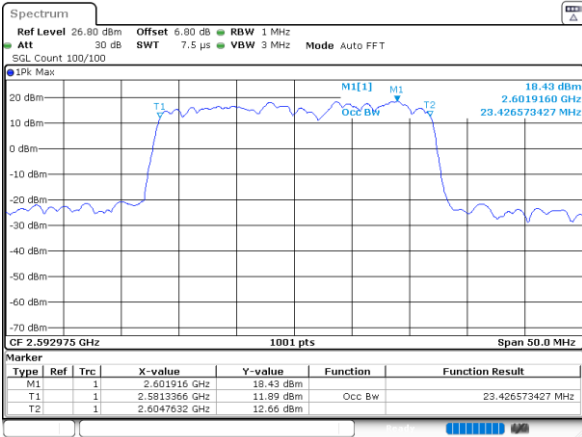
Middle Channel / 15MHz+15MHz / 16QAM



Date: 28\_SEP.2023 00:52:04

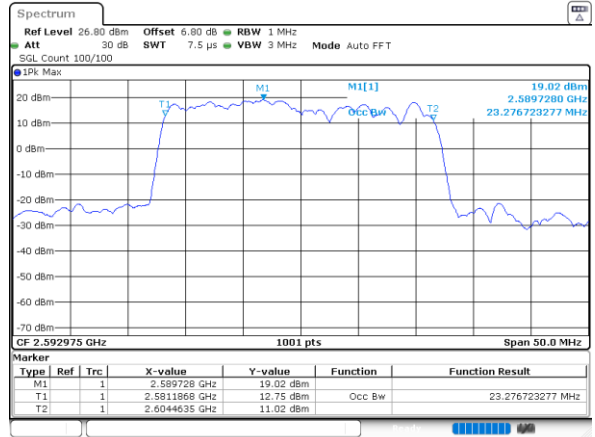


Middle Channel / 15MHz+10MHz / QPSK



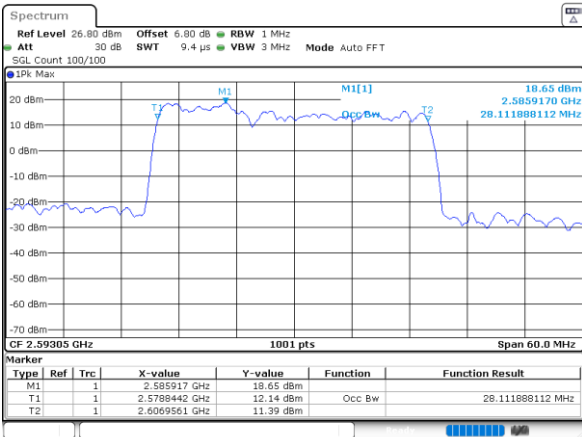
Date: 27\_SEP\_2023 23:21:36

Middle Channel / 15MHz+10MHz / 16QAM



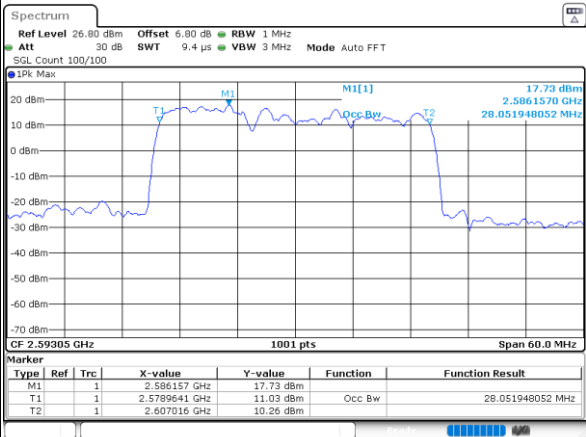
Date: 27\_SEP\_2023 23:20:14

Middle Channel / 10MHz+20MHz / QPSK



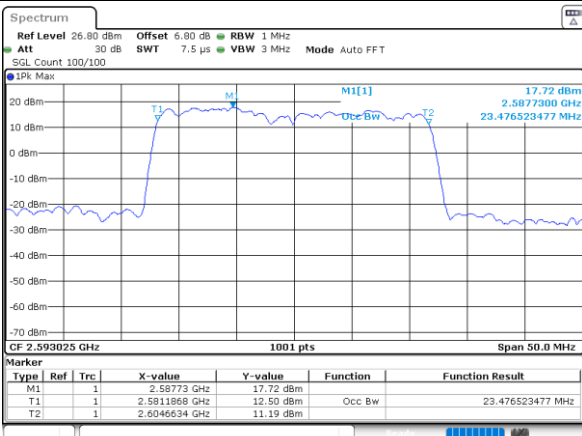
Date: 27\_SEP\_2023 23:23:50

Middle Channel / 10MHz+20MHz / 16QAM



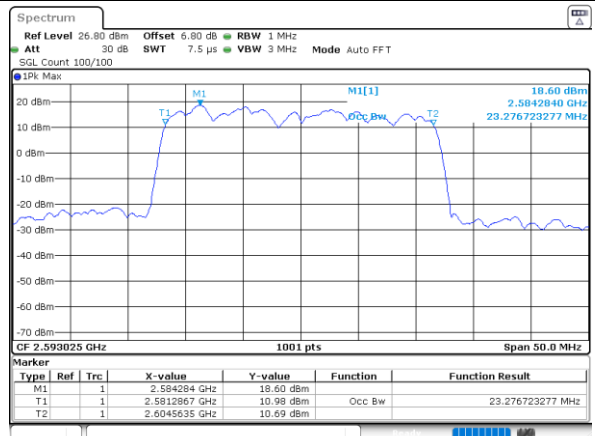
Date: 27\_SEP\_2023 23:25:12

Middle Channel / 10MHz+15MHz / QPSK



Date: 27\_SEP\_2023 23:18:18

Middle Channel / 10MHz+15MHz / 16QAM



Date: 27\_SEP\_2023 23:19:40

