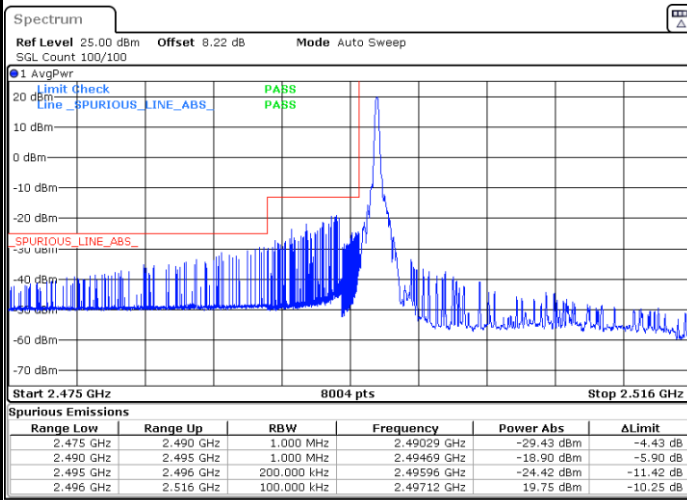




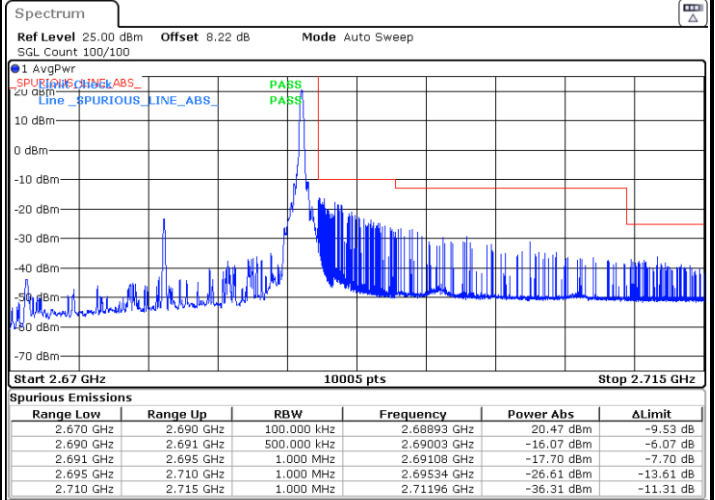
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



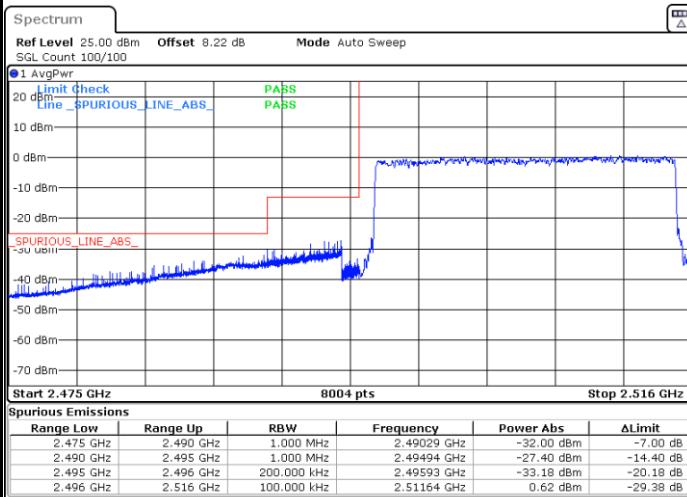
Date: 24.FEB.2023 09:20:33

Highest Band Edge / 1 RB



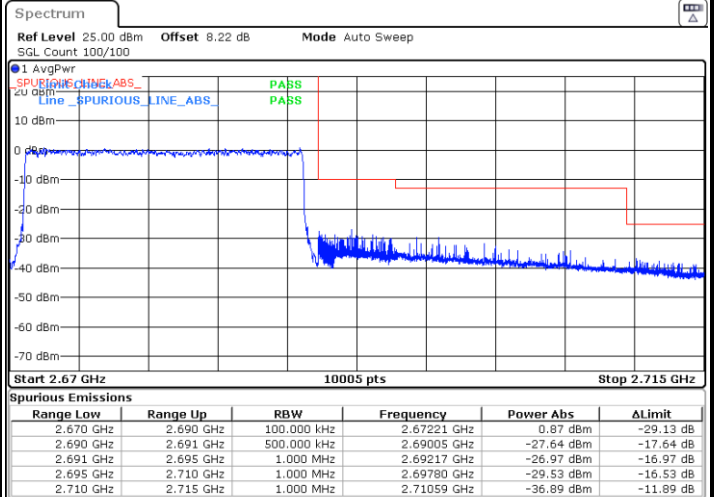
Date: 24.FEB.2023 09:31:46

Lowest Band Edge / Full RB



Date: 24.FEB.2023 09:22:17

Highest Band Edge / Full RB



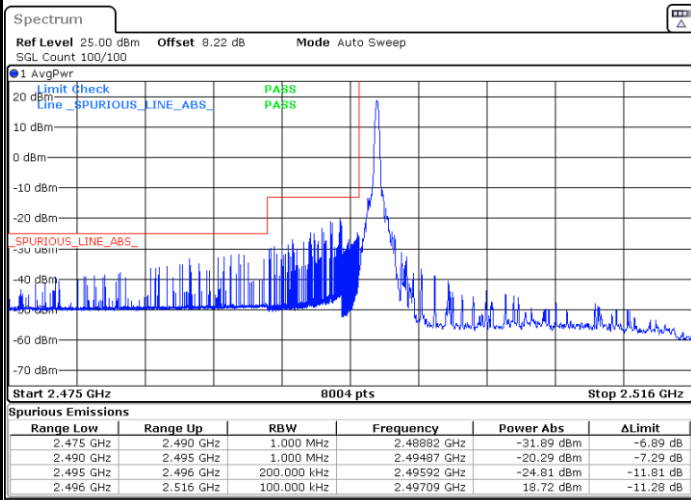
Date: 24.FEB.2023 09:33:20



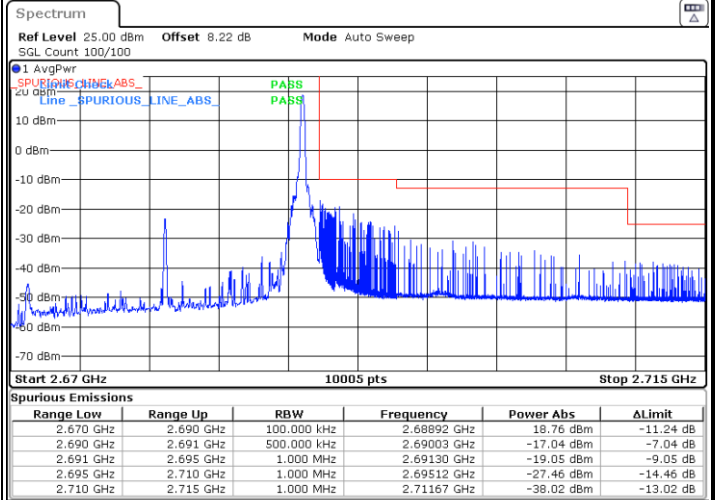
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



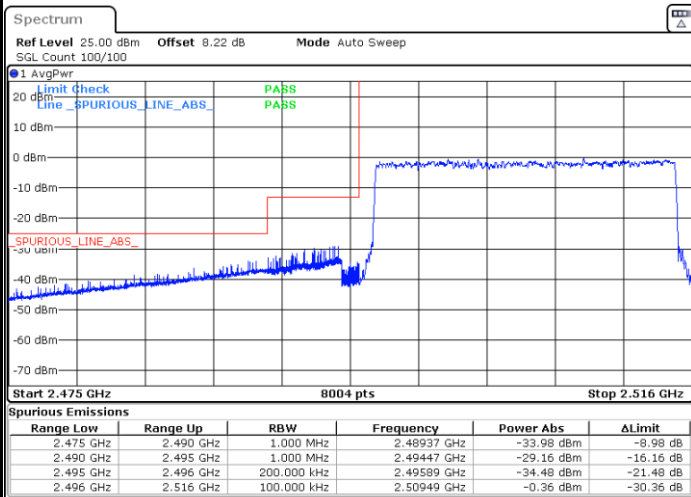
Date: 24.FEB.2023 09:21:38



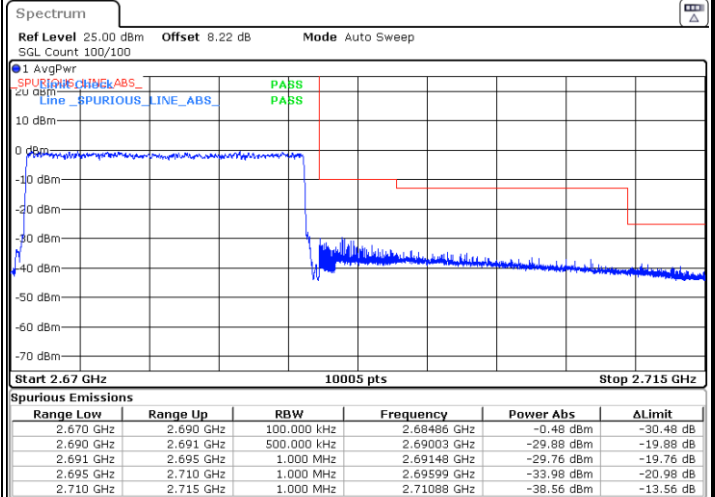
Date: 24.FEB.2023 09:32:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 24.FEB.2023 09:23:22

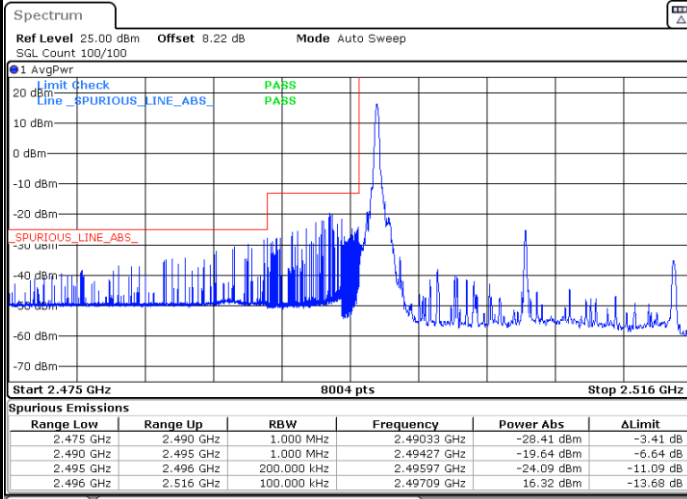


Date: 24.FEB.2023 09:34:03



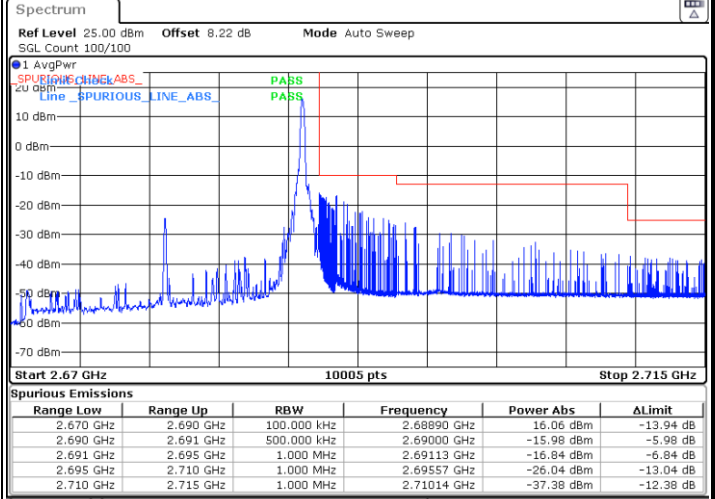
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1RB



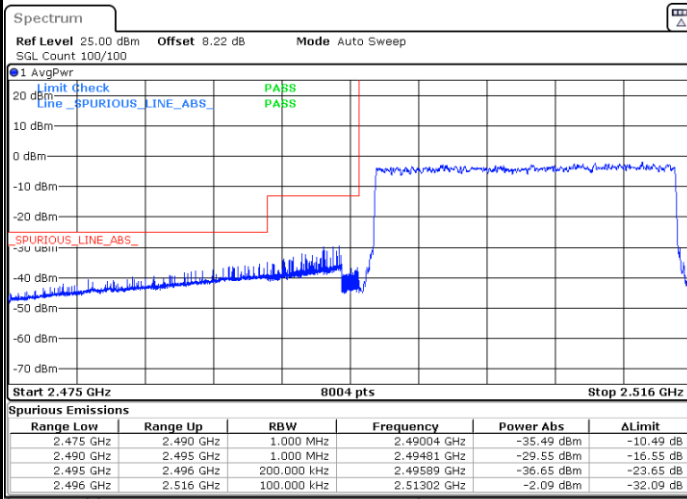
Date: 24.FEB.2023 09:20:50

Highest Band Edge / 1 RB



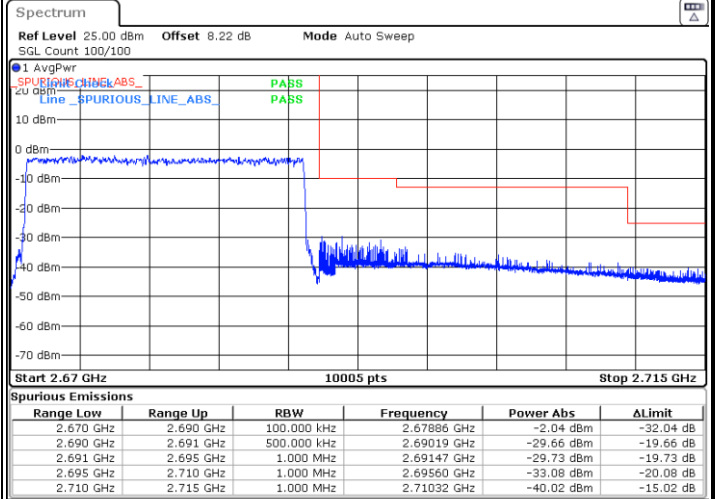
Date: 24.FEB.2023 09:32:07

Lowest Band Edge / Full RB



Date: 24.FEB.2023 09:22:45

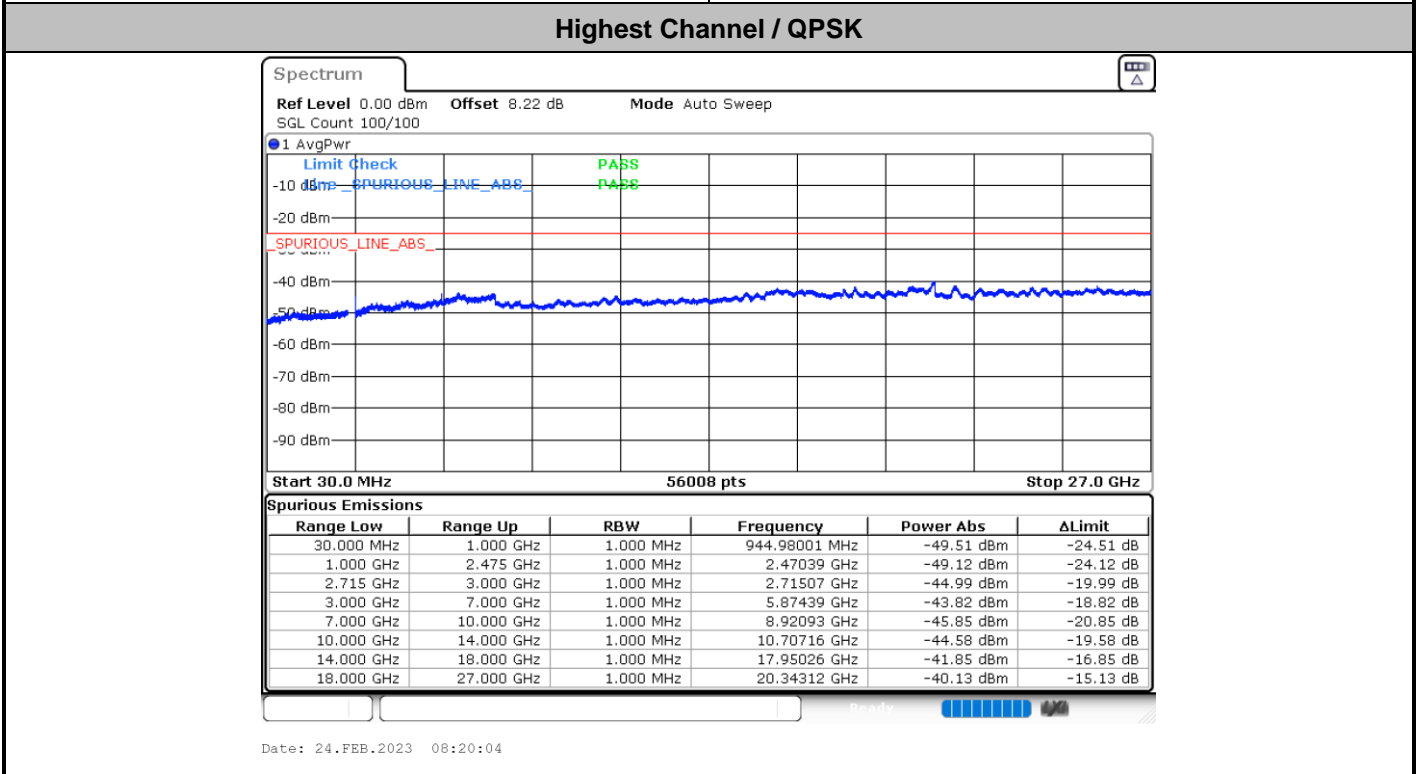
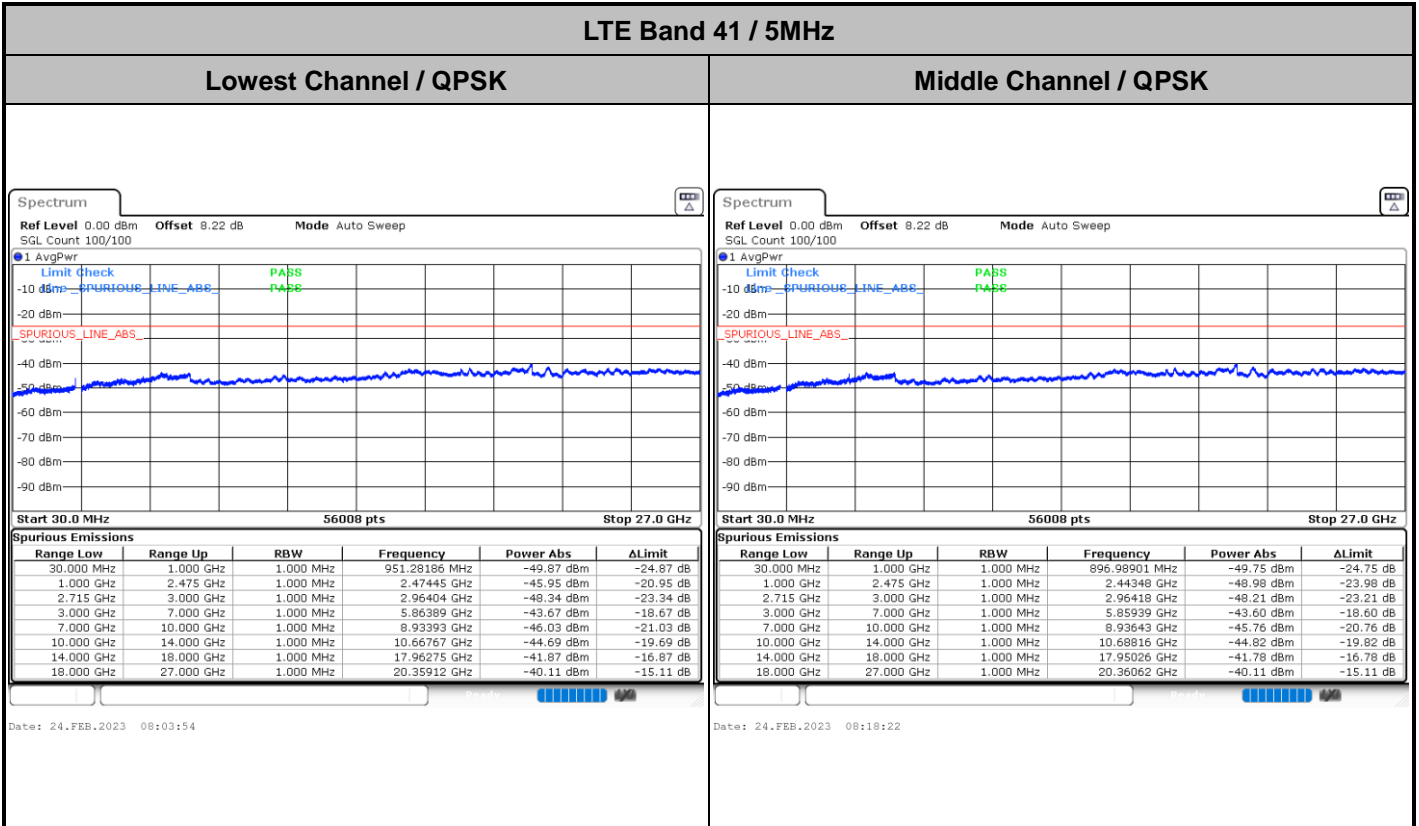
Highest Band Edge / Full RB



Date: 24.FEB.2023 09:33:35



# Conducted Spurious Emission

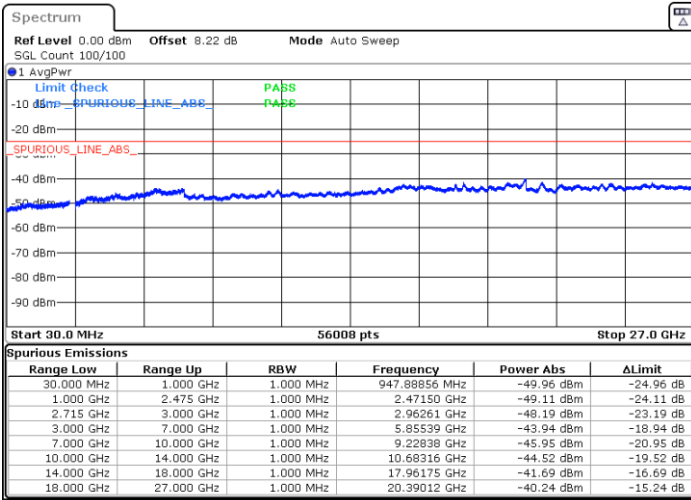




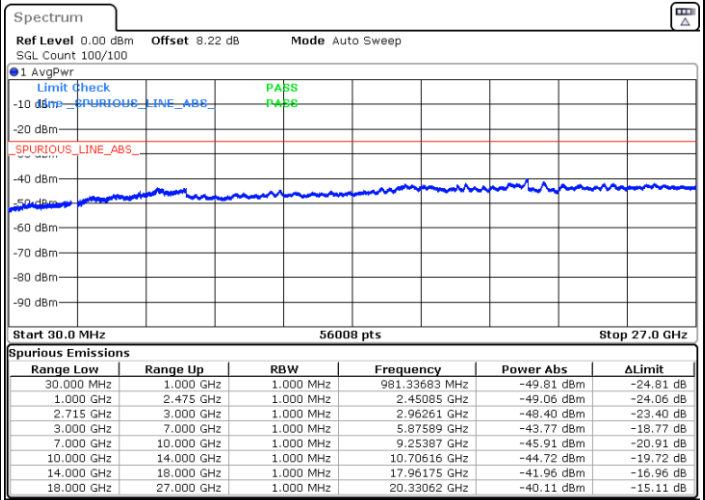
LTE Band 41 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

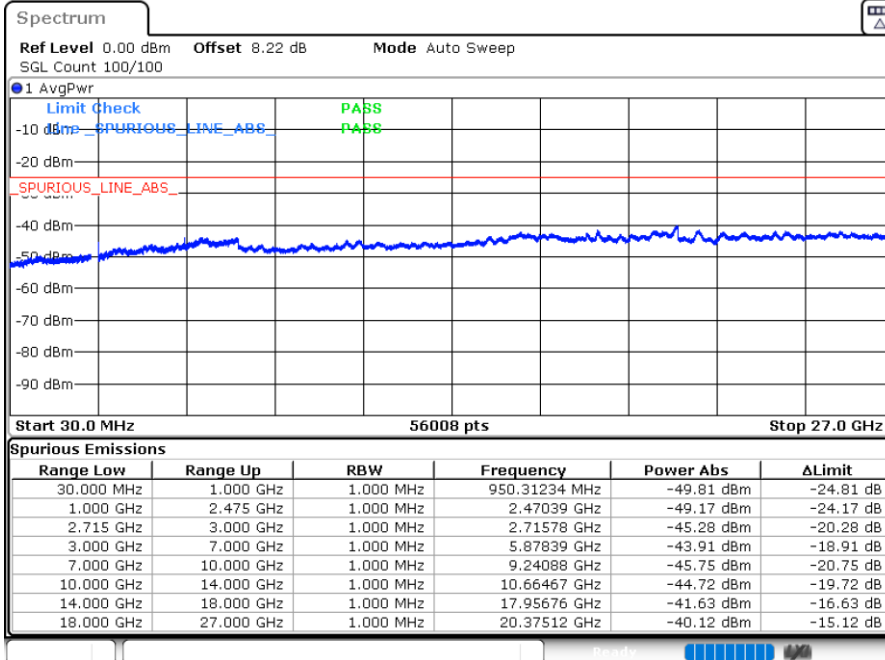


Date: 24.FEB.2023 08:39:35



Date: 24.FEB.2023 08:47:31

Highest Channel / QPSK



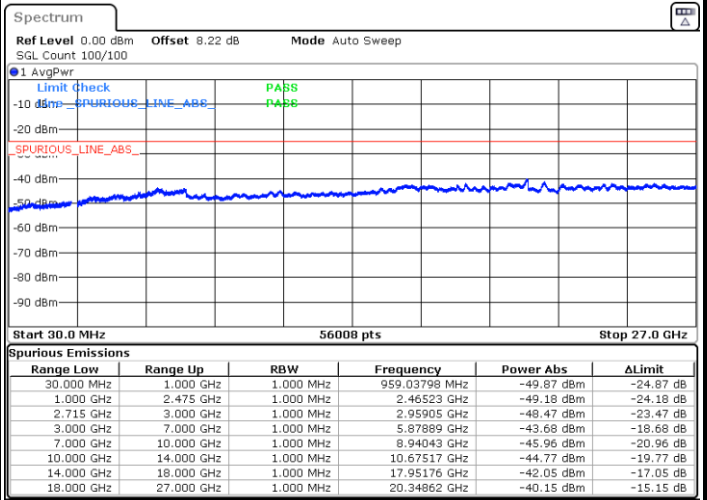
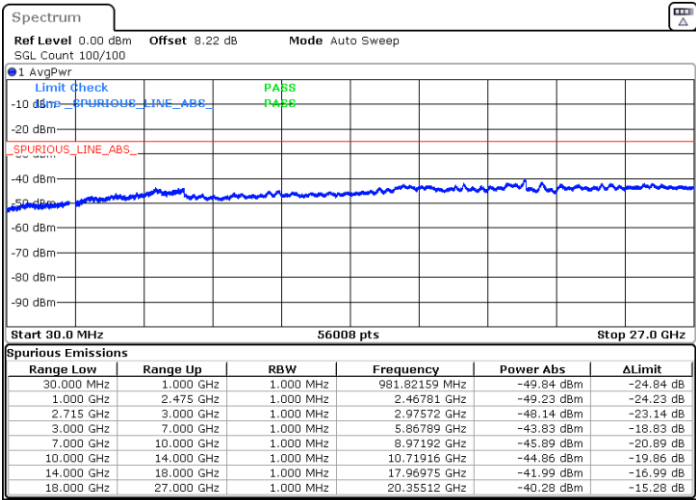
Date: 24.FEB.2023 08:50:08



LTE Band 41 / 15MHz

Lowest Channel / QPSK

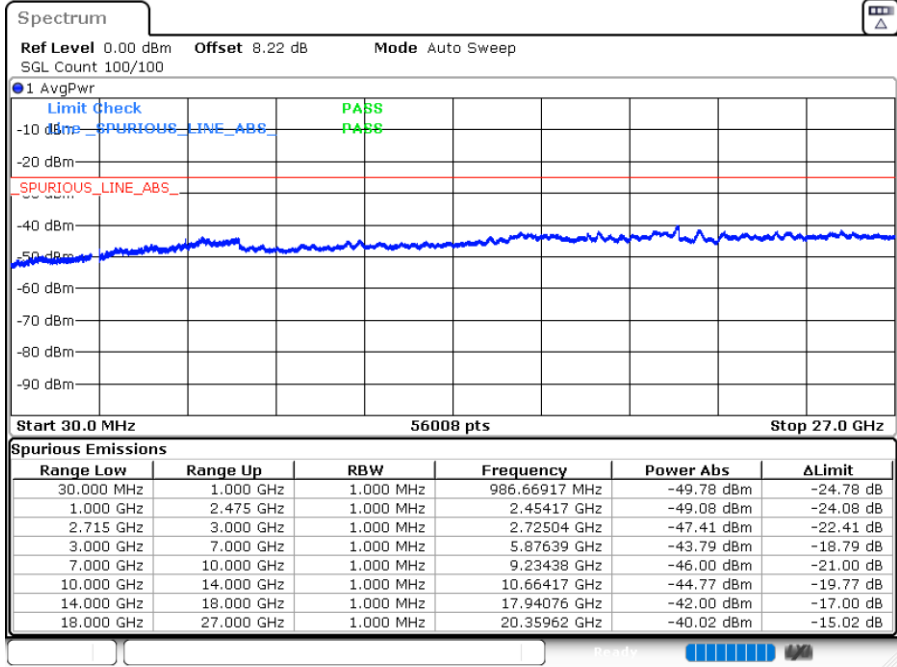
Middle Channel / QPSK



Date: 24.FEB.2023 08:57:23

Date: 24.FEB.2023 09:05:25

Highest Channel / QPSK



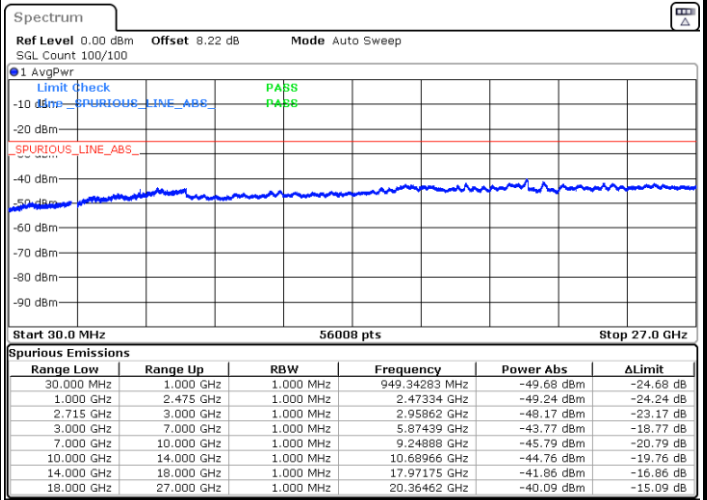
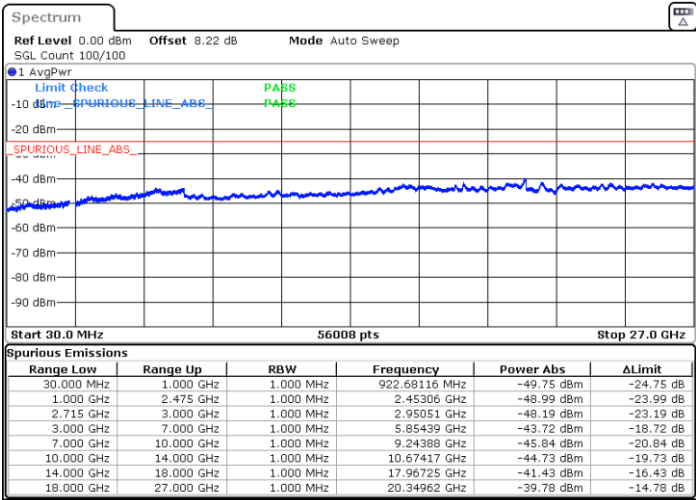
Date: 24.FEB.2023 09:12:01



LTE Band 41 / 20MHz

Lowest Channel / QPSK

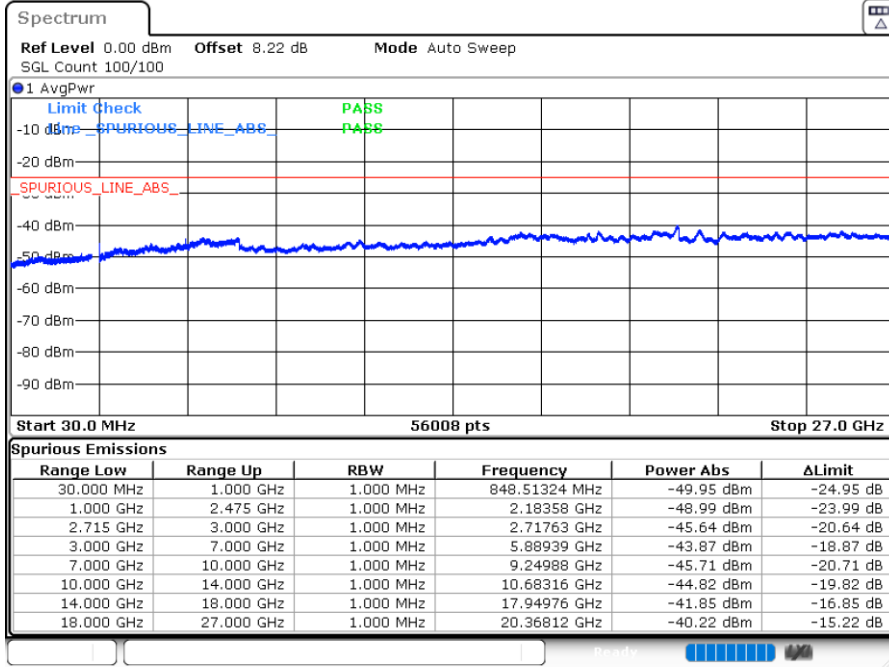
Middle Channel / QPSK



Date: 24.FEB.2023 09:19:57

Date: 24.FEB.2023 09:25:58

Highest Channel / QPSK



Date: 24.FEB.2023 09:30:51



### 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	0.0028	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0035	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0043	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0024	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0029	
20	Battery End Point	0.0017	

**Note:**

- 3. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.45 V. ; Maximum Voltage =4.41V.
- 4. Note: The frequency fundamental emissions stay within the authorized frequency block.





# LTE Band 7C

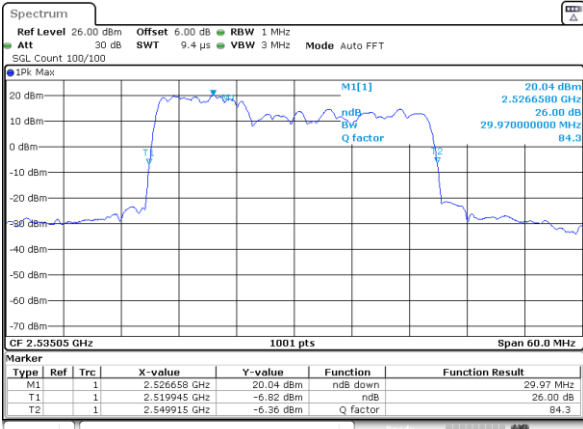
## 26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	29.97	29.79
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.38	25.23
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.63	30.63
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	34.90	35.04
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.03	29.97
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	35.04	34.97
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	40.04	40.04



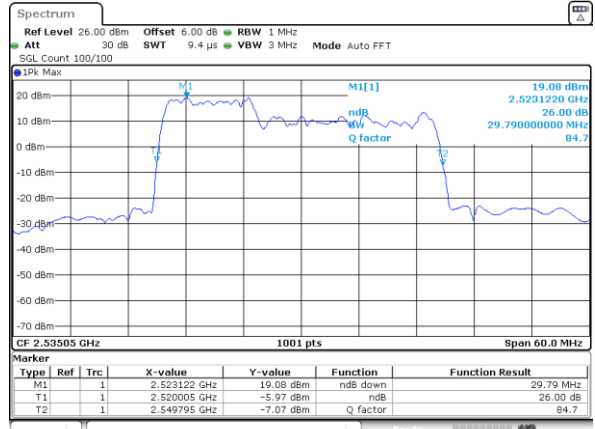
LTE Band 7C

Middle Channel / 10MHz+20MHz / QPSK



Date: 12.FEB.2023 19:52:09

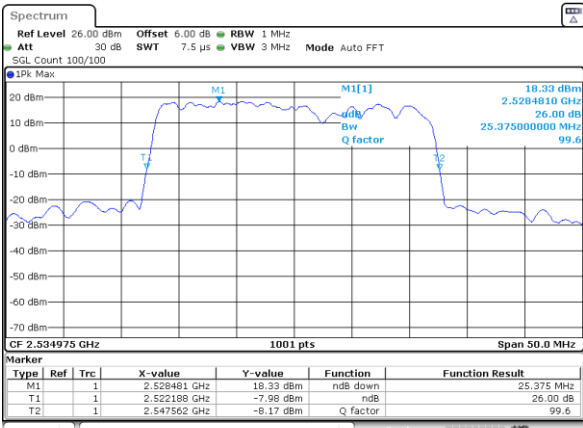
Middle Channel / 10MHz+20MHz / 16QAM



Date: 12.FEB.2023 19:51:39

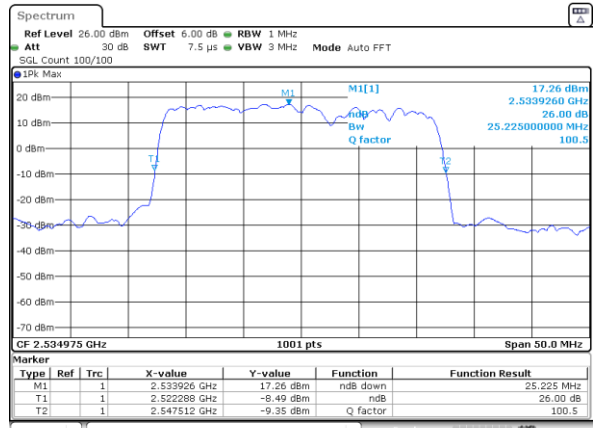
LTE Band 7C

Middle Channel / 15MHz+10MHz / QPSK



Date: 12.FEB.2023 20:26:50

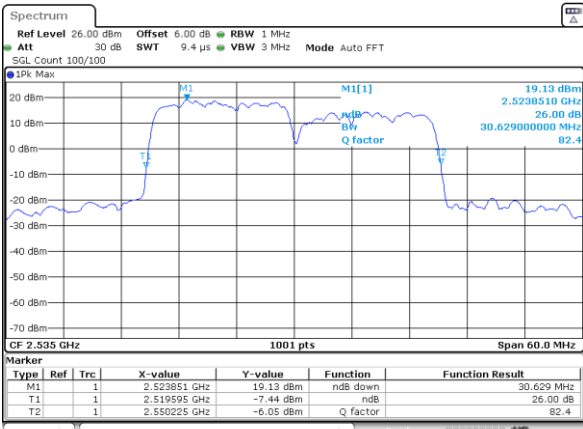
Middle Channel / 15MHz+10MHz / 16QAM



Date: 12.FEB.2023 20:26:20

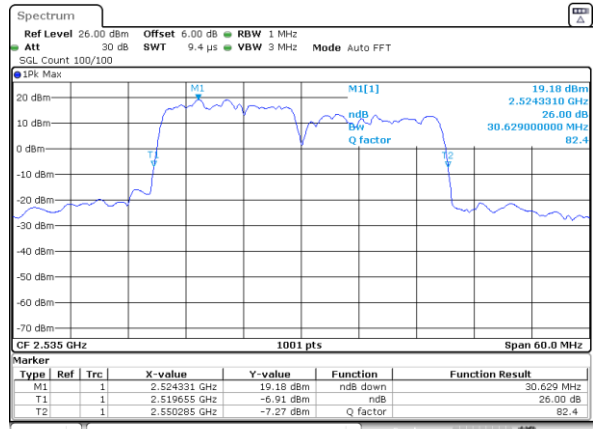
LTE Band 7C

Middle Channel / 15MHz+15MHz / QPSK



Date: 12.FEB.2023 19:56:33

Middle Channel / 15MHz+15MHz / 16QAM

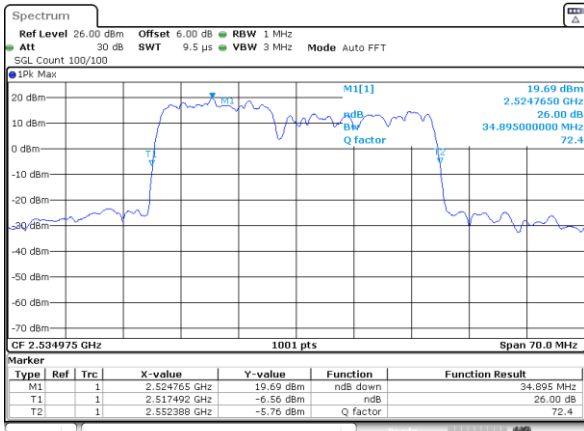


Date: 12.FEB.2023 19:56:04



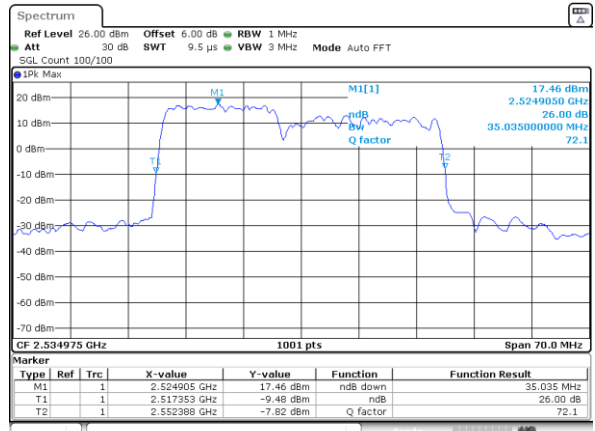
LTE Band 7C

Middle Channel / 15MHz+20MHz / QPSK



Date: 12.FEB.2023 19:57:09

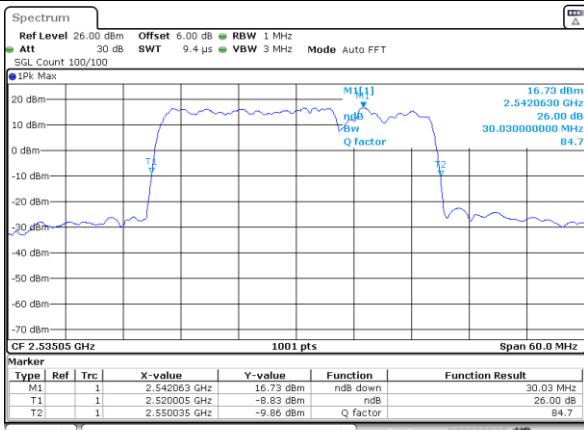
Middle Channel / 15MHz+20MHz / 16QAM



Date: 12.FEB.2023 19:57:139

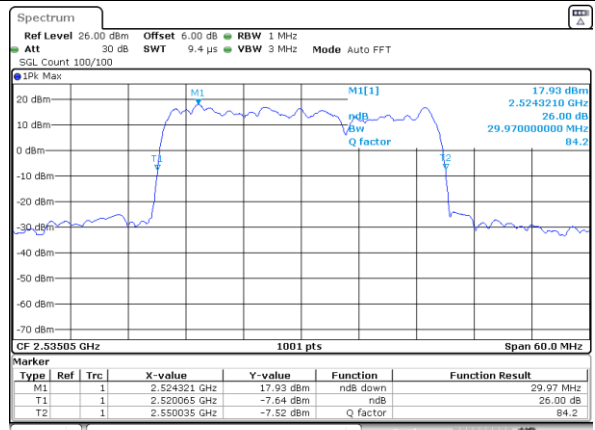
LTE Band 7C

Middle Channel / 20MHz+10MHz / QPSK



Date: 12.FEB.2023 19:53:00

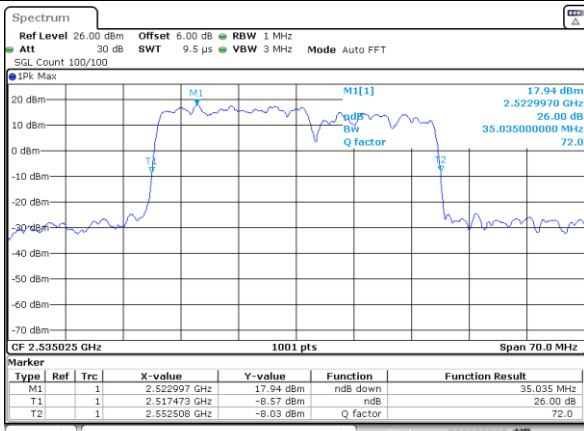
Middle Channel / 20MHz+10MHz / 16QAM



Date: 12.FEB.2023 19:53:130

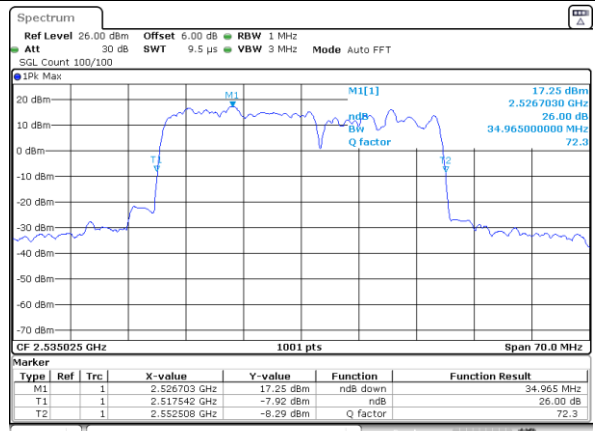
LTE Band 7C

Middle Channel / 20MHz+15MHz / QPSK



Date: 12.FEB.2023 20:00:42

Middle Channel / 20MHz+15MHz / 16QAM

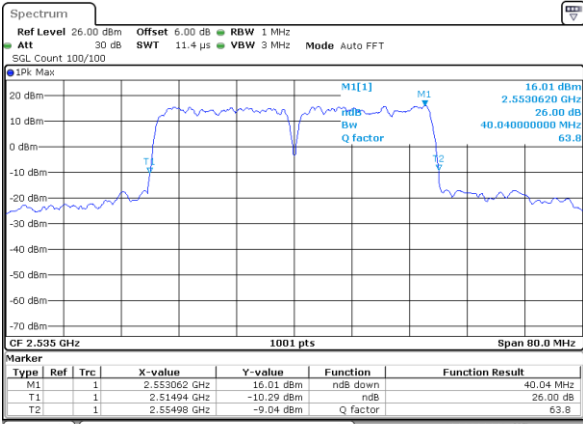


Date: 12.FEB.2023 20:00:113



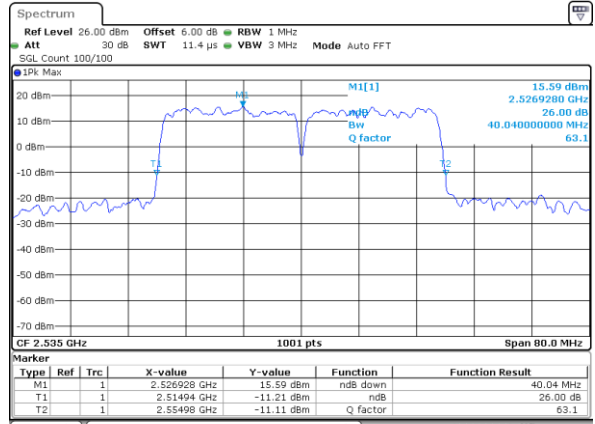
LTE Band 7C

Middle Channel / 20MHz+20MHz / QPSK



Date: 8.FEB.2023 22:27:50

Middle Channel / 20MHz+20MHz / 16QAM



Date: 8.FEB.2023 22:28:19



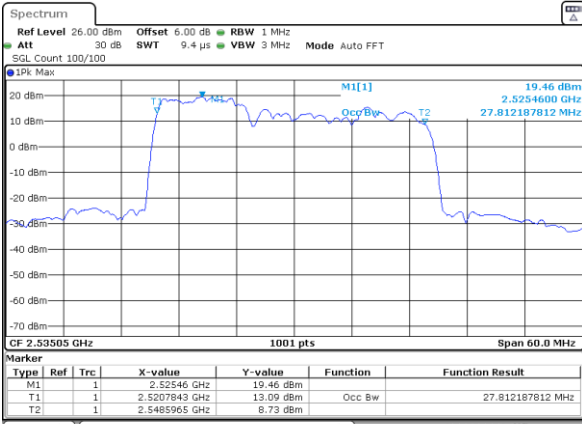
Occupied Bandwidth

Mode	LTE Band 7C : 99%OBW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	27.81	27.57
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.48	23.33
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.53	28.65
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	32.87	32.73
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.05	27.69
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	33.08	32.80
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.64	37.64



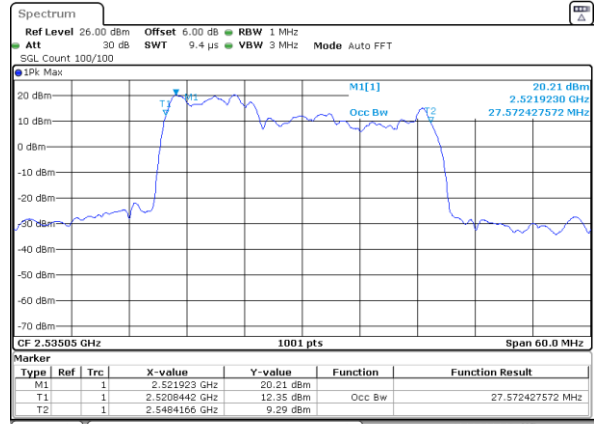
LTE Band 7C

Middle Channel / 10MHz+20MHz / QPSK



Date: 12.FEB.2023 19:50:40

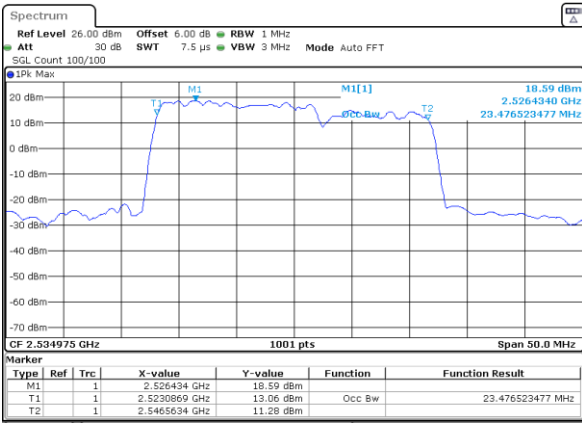
Middle Channel / 10MHz+20MHz / 16QAM



Date: 12.FEB.2023 19:51:10

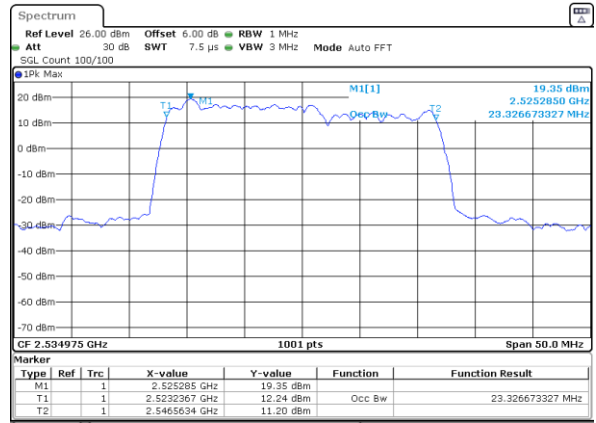
LTE Band 7C

Middle Channel / 15MHz+10MHz / QPSK



Date: 12.FEB.2023 20:25:21

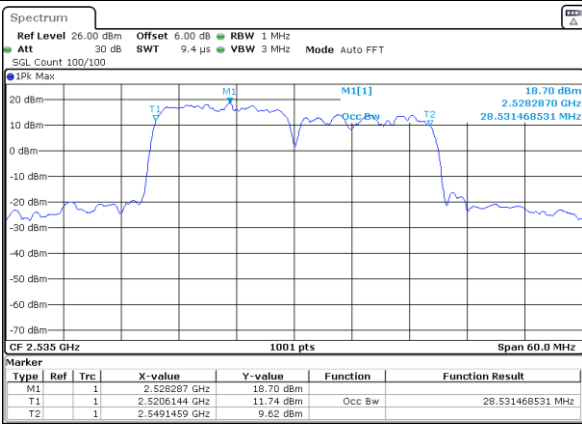
Middle Channel / 15MHz+10MHz / 16QAM



Date: 12.FEB.2023 20:25:51

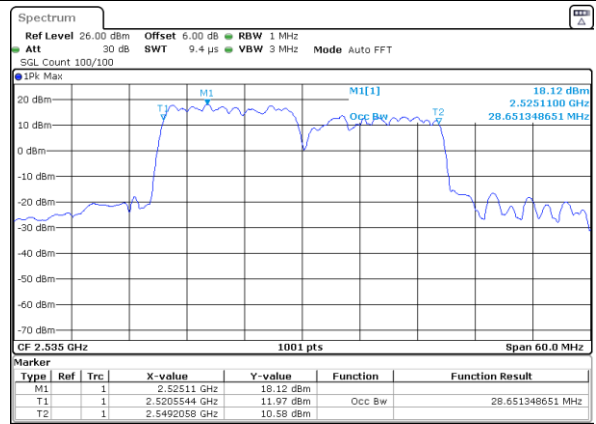
LTE Band 7C

Middle Channel / 15MHz+15MHz / QPSK



Date: 12.FEB.2023 19:55:05

Middle Channel / 15MHz+15MHz / 16QAM

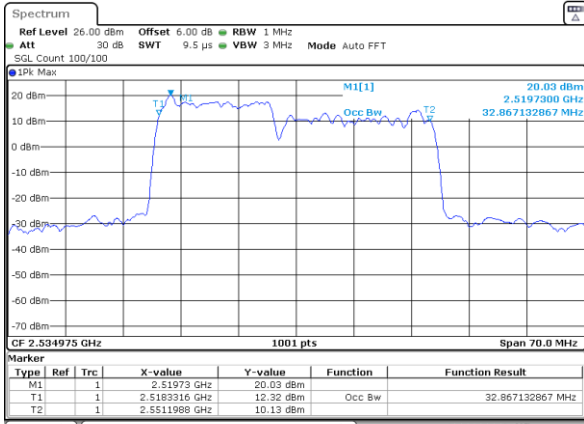


Date: 12.FEB.2023 19:55:35



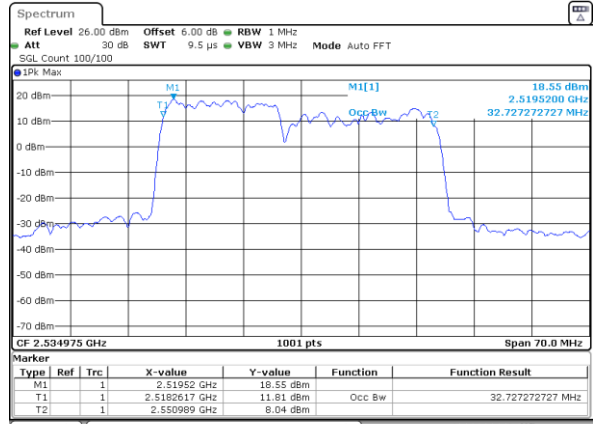
LTE Band 7C

Middle Channel / 15MHz+20MHz / QPSK



Date: 12.FEB.2023 19:58:38

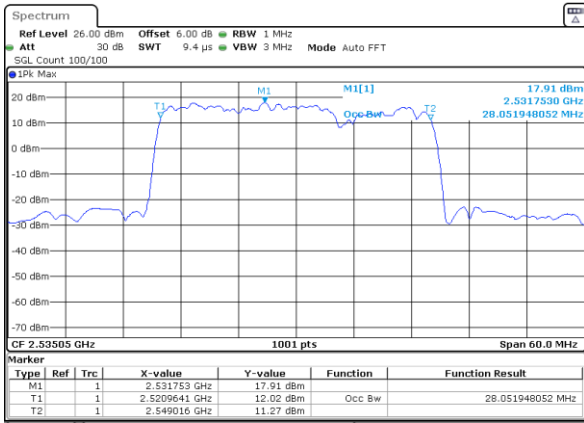
Middle Channel / 15MHz+20MHz / 16QAM



Date: 12.FEB.2023 19:58:08

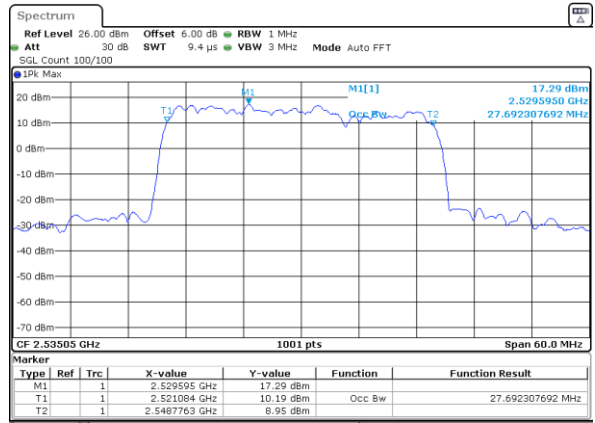
LTE Band 7C

Middle Channel / 20MHz+10MHz / QPSK



Date: 12.FEB.2023 19:54:29

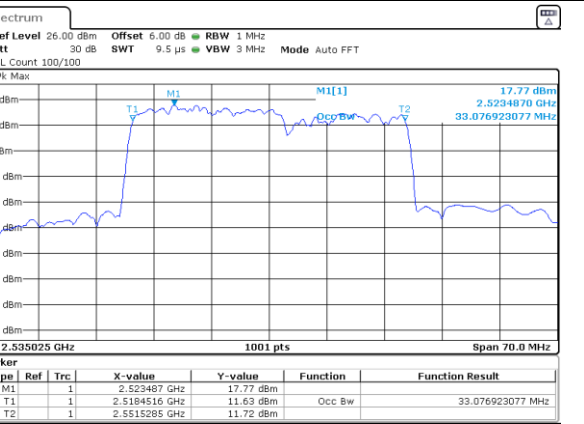
Middle Channel / 20MHz+10MHz / 16QAM



Date: 12.FEB.2023 19:53:59

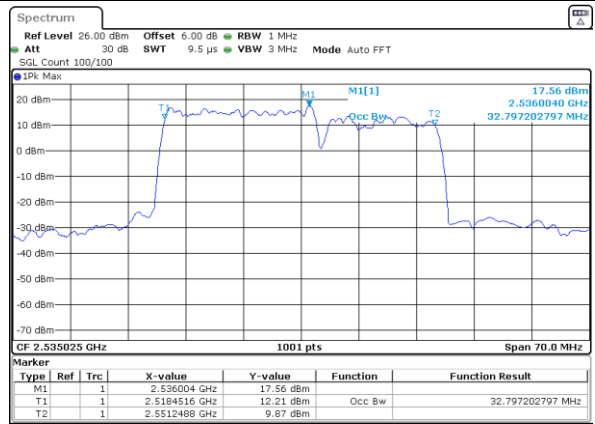
LTE Band 7C

Middle Channel / 20MHz+15MHz / QPSK



Date: 12.FEB.2023 19:59:14

Middle Channel / 20MHz+15MHz / 16QAM

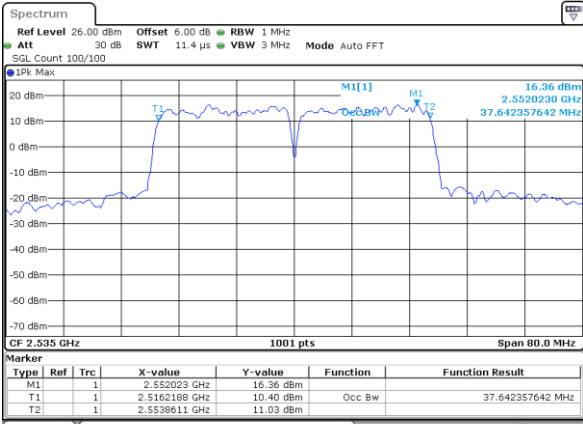


Date: 12.FEB.2023 19:59:44



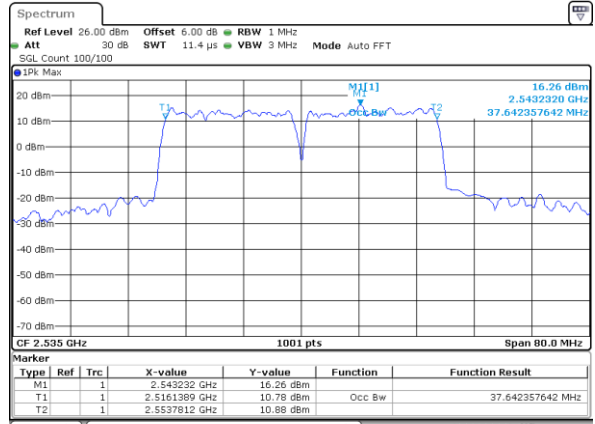
LTE Band 7C

Middle Channel / 20MHz+20MHz / QPSK



Date: 8.FEB.2023 22:27:20

Middle Channel / 20MHz+20MHz / 16QAM



Date: 8.FEB.2023 22:28:48

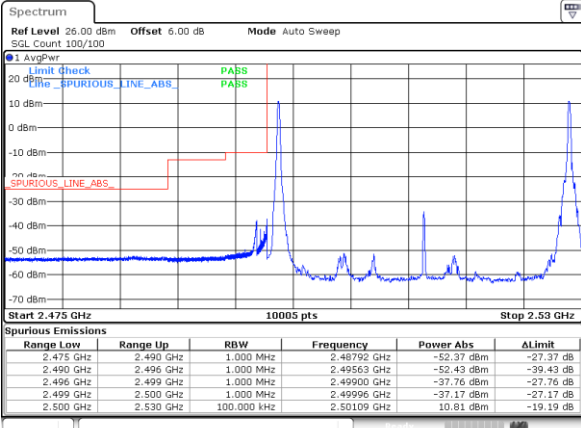




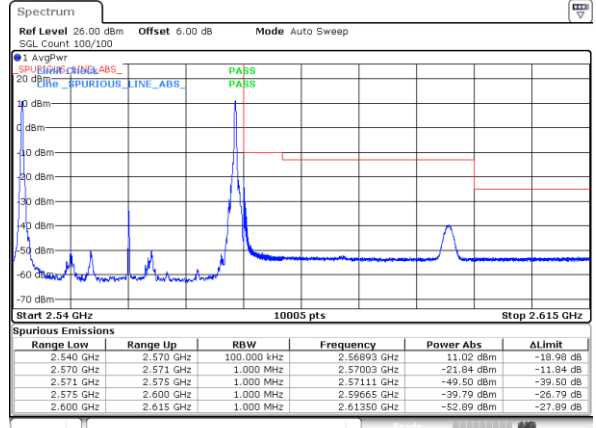
# Conducted Band Edge

## LTE Band 7C / 10MHz+20MHz QPSK

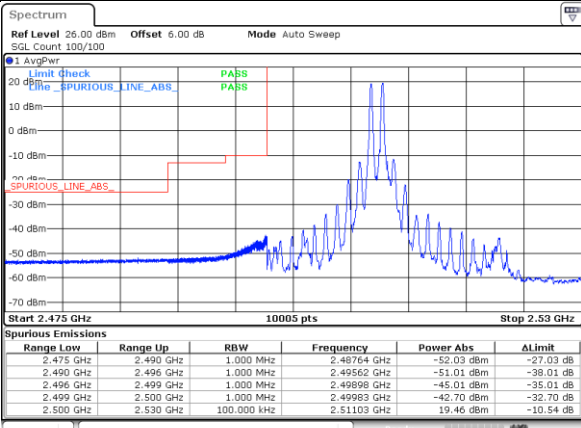
### Lowest Band Edge / 1RB0 and 1RB9



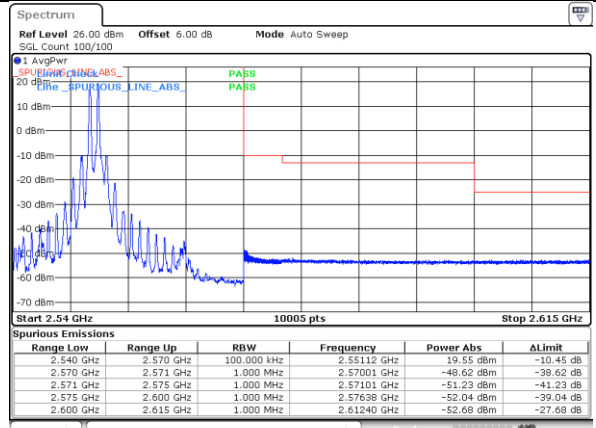
### Highest Band Edge / 1RB0 and 1RB9



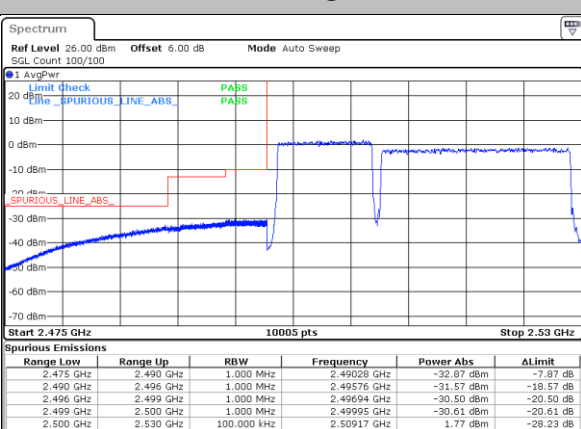
### Lowest Band Edge / 1RB49 and 1RB0



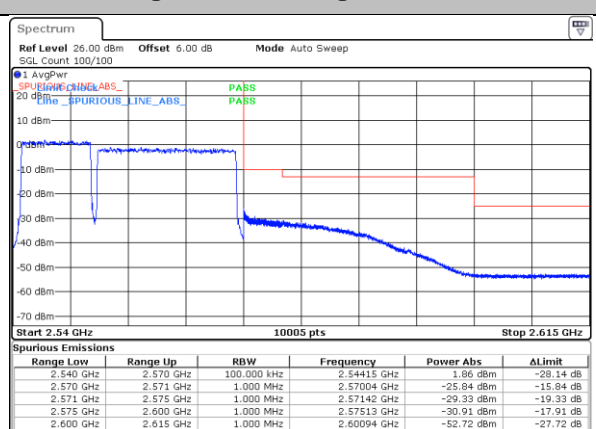
### Highest Band Edge / 1RB49 and 1RB0



### Lowest Band Edge / Full RB



### Highest Band Edge / Full RB

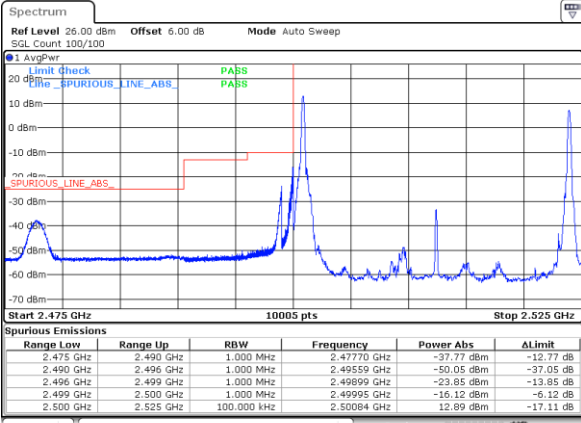




LTE Band 7C / 15MHz+10MHz

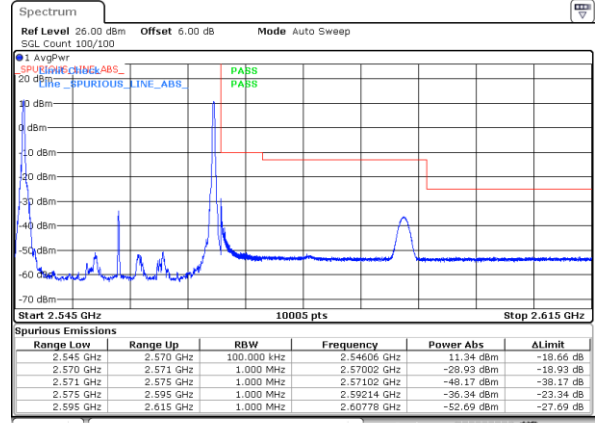
QPSK

Lowest Band Edge / 1RB0 and 1RB49



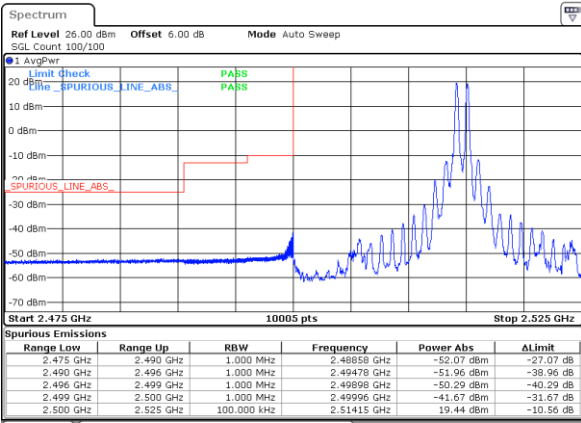
Date: 8.FEB.2023 20:11:35

Highest Band Edge / 1RB0 and 1RB49



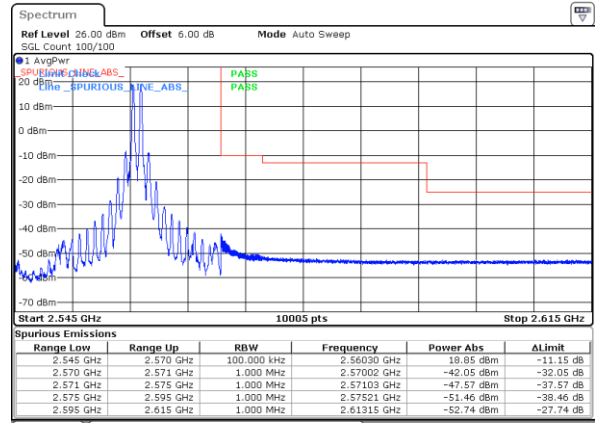
Date: 8.FEB.2023 20:23:57

Lowest Band Edge / 1RB74 and 1RB0



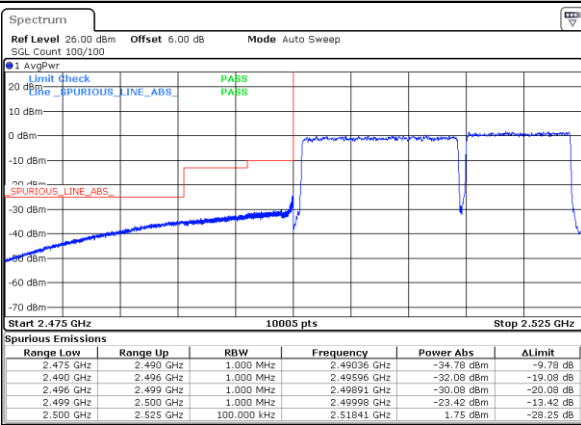
Date: 8.FEB.2023 20:16:39

Highest Band Edge / 1RB74 and 1RB0



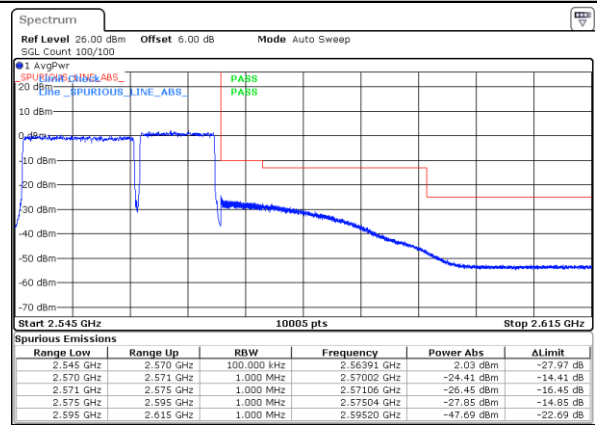
Date: 8.FEB.2023 20:29:00

Lowest Band Edge / Full RB



Date: 8.FEB.2023 20:17:41

Highest Band Edge / Full RB



Date: 8.FEB.2023 20:30:01

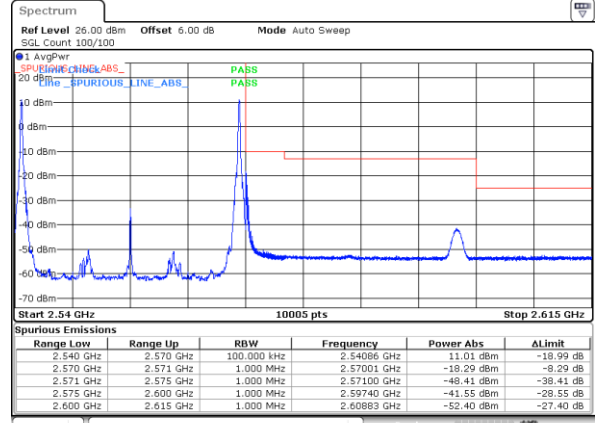
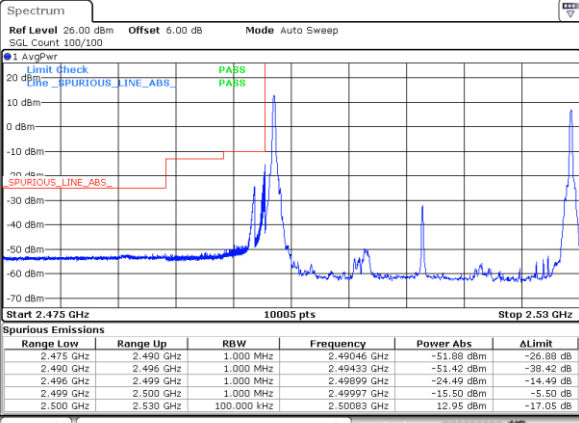


LTE Band 7C / 15MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

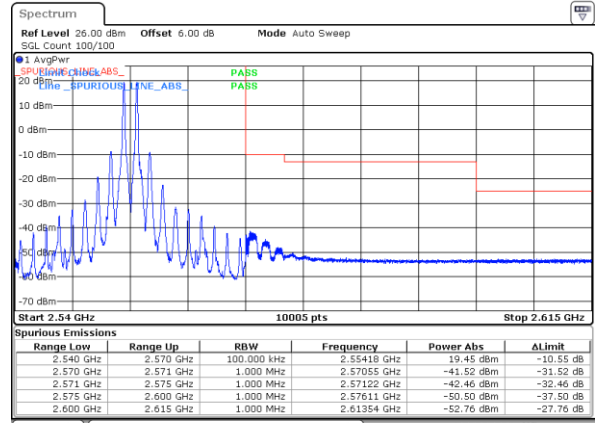
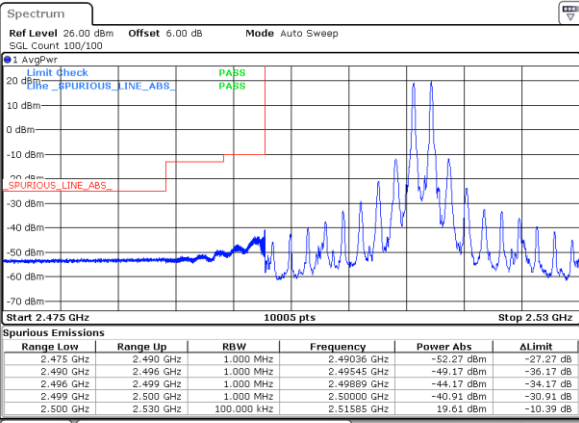


Date: 8\_FEB.2023 20:34:38

Date: 8\_FEB.2023 20:46:56

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

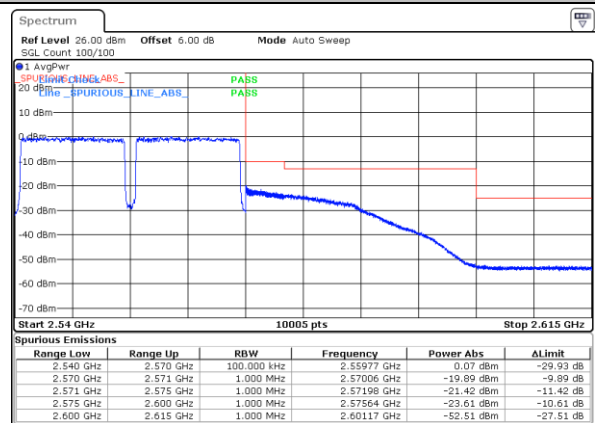
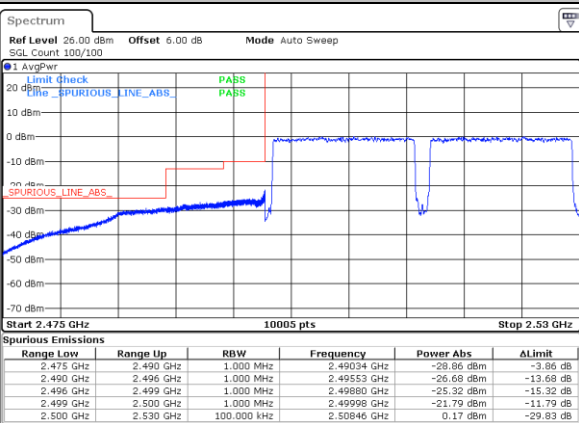


Date: 8\_FEB.2023 20:39:41

Date: 8\_FEB.2023 20:51:58

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8\_FEB.2023 20:40:42

Date: 8\_FEB.2023 20:52:58

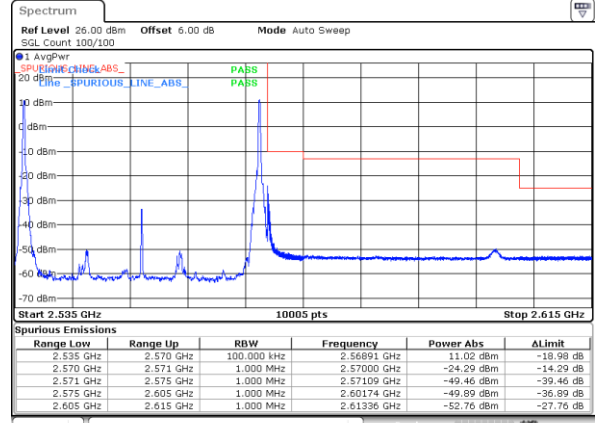
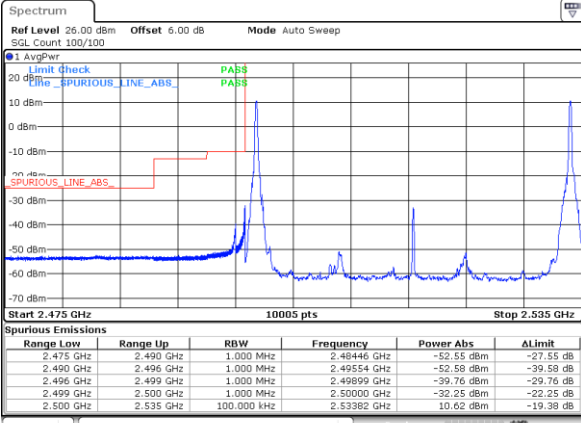


LTE Band 7C / 15MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

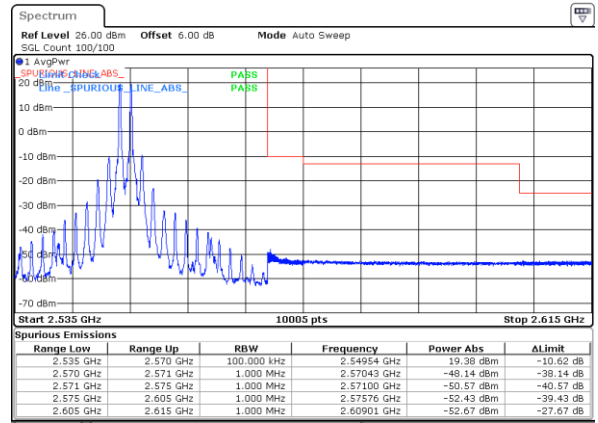
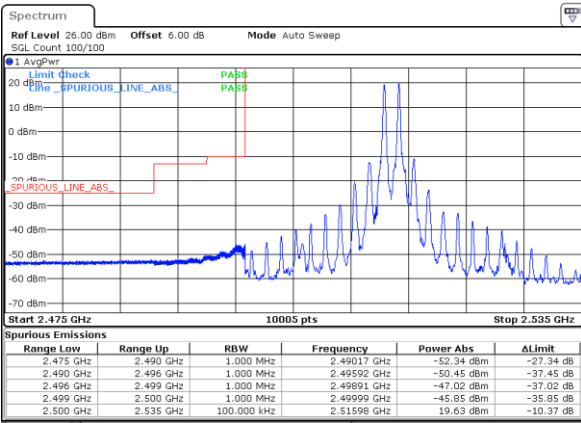


Date: 8.FEB.2023 20:57:137

Date: 8.FEB.2023 21:09:54

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

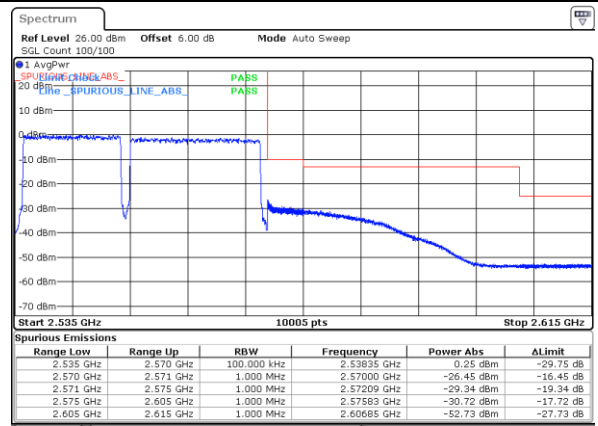
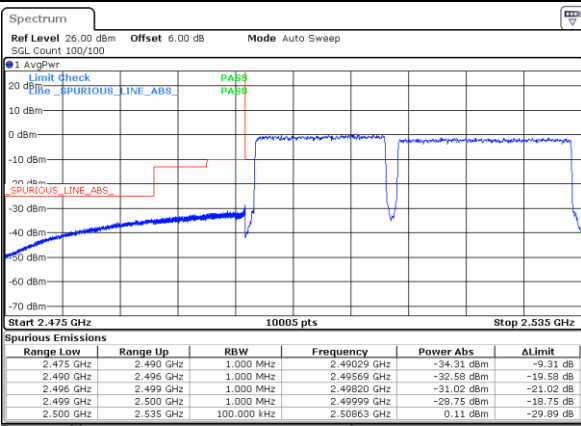


Date: 8.FEB.2023 21:02:140

Date: 8.FEB.2023 21:14:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8.FEB.2023 21:03:140

Date: 8.FEB.2023 21:15:55

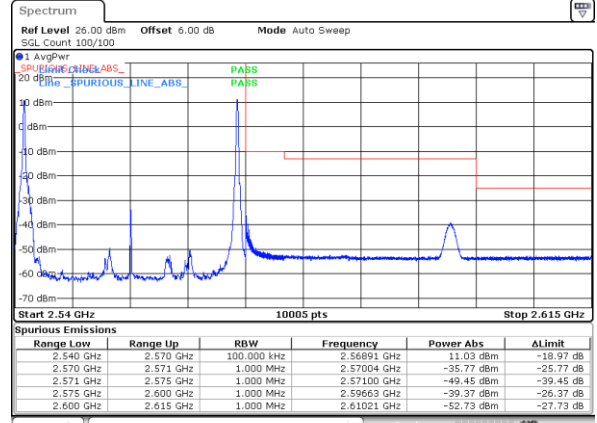
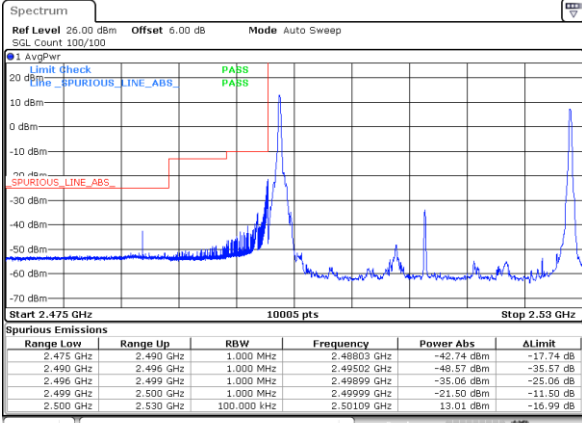


LTE Band 7C / 20MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

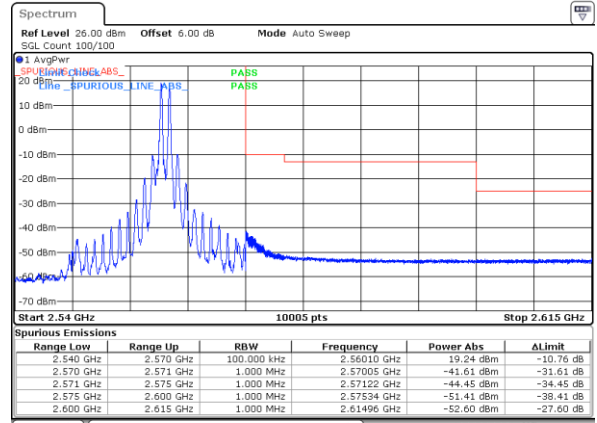
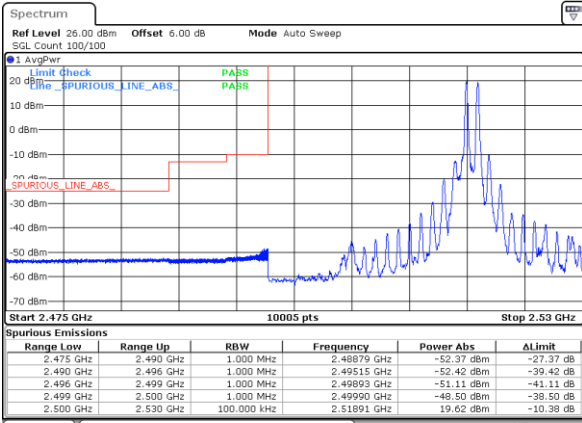


Date: 8\_FEB\_2023 22:13:42

Date: 8\_FEB\_2023 22:41:53

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

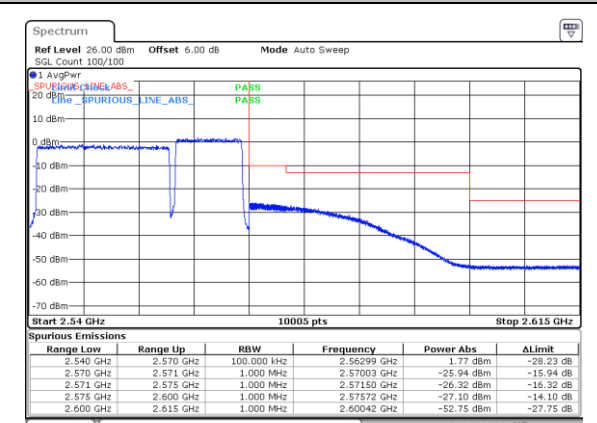
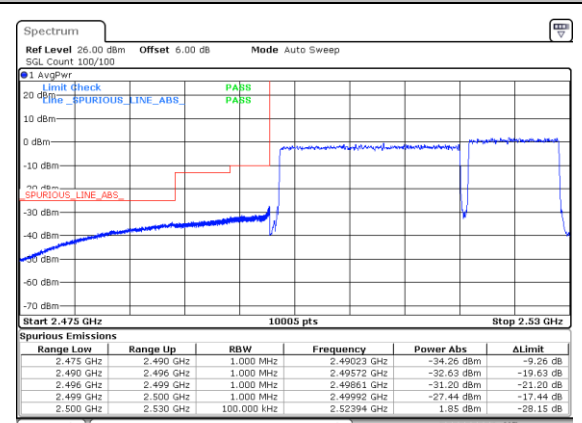


Date: 8\_FEB\_2023 22:13:44

Date: 8\_FEB\_2023 21:37:53

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8\_FEB\_2023 22:13:44

Date: 8\_FEB\_2023 21:37:53

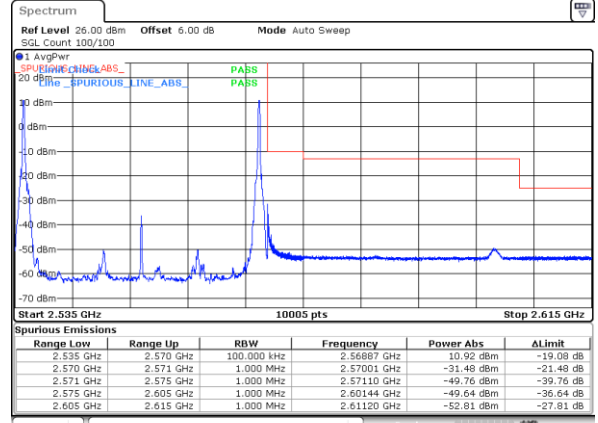
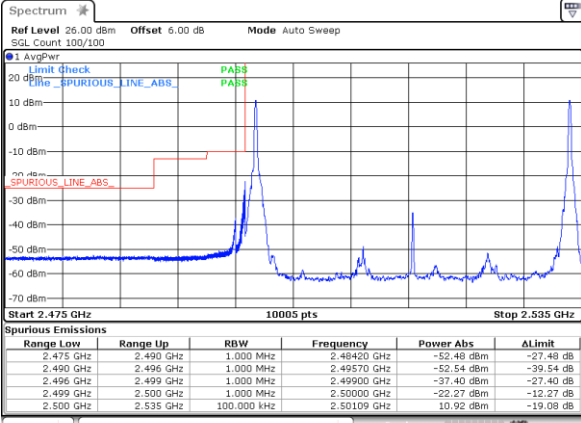


LTE Band 7C / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

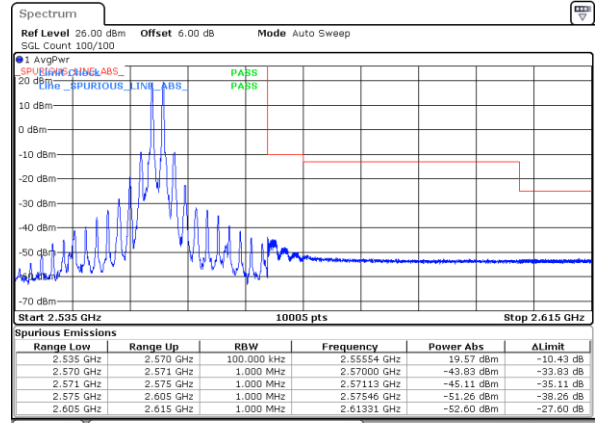
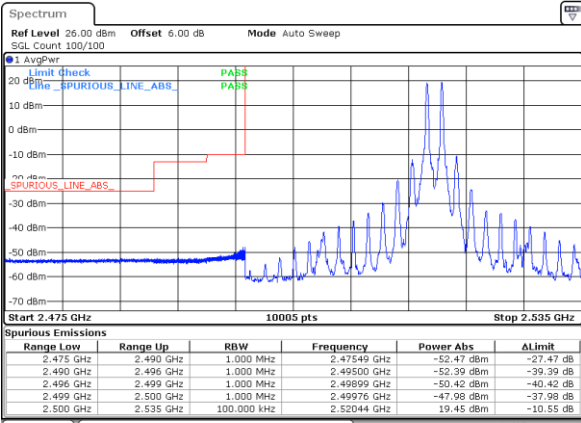


Date: 8\_FEB.2023 22:14:28

Date: 8\_FEB.2023 22:15:41

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

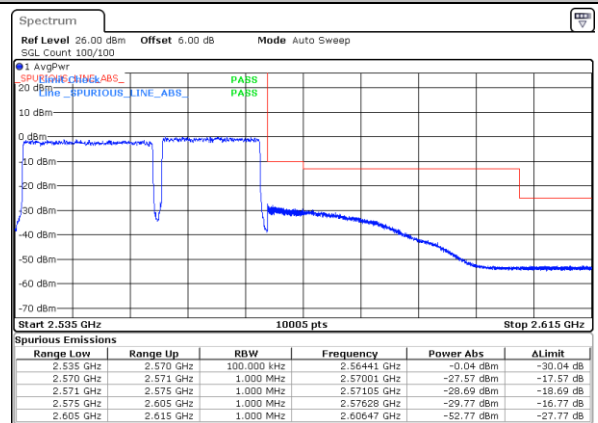
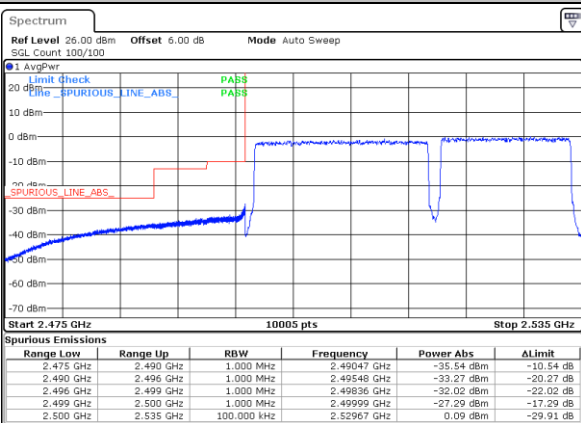


Date: 8\_FEB.2023 22:14:31

Date: 8\_FEB.2023 22:15:42

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8\_FEB.2023 22:15:12

Date: 8\_FEB.2023 22:15:42

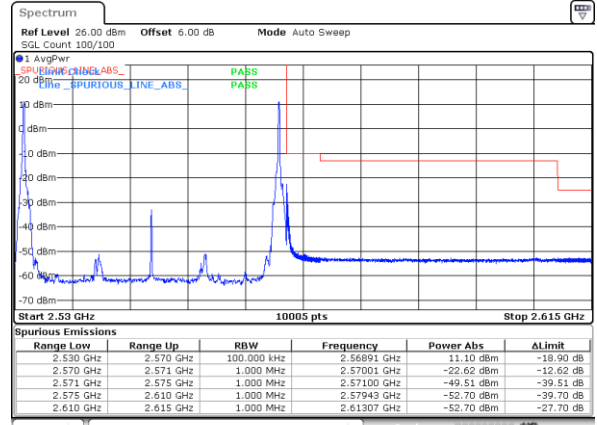
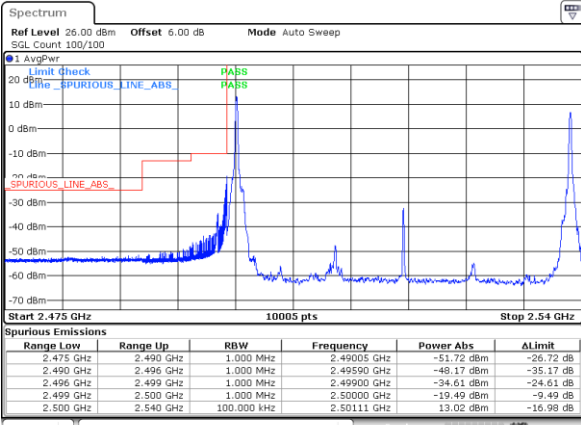


LTE Band 7C / 20MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

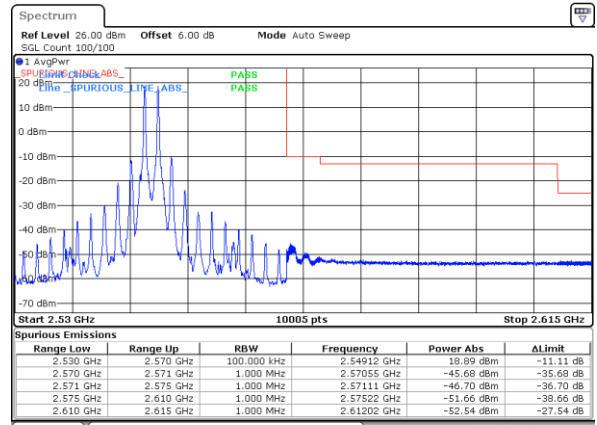
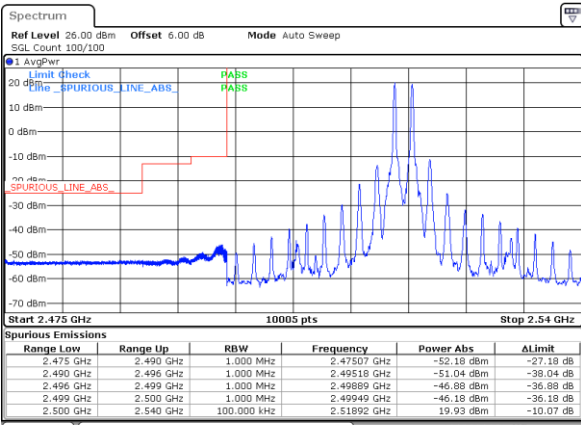


Date: 8.FEB.2023 22:06:25

Date: 8.FEB.2023 22:19:42

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

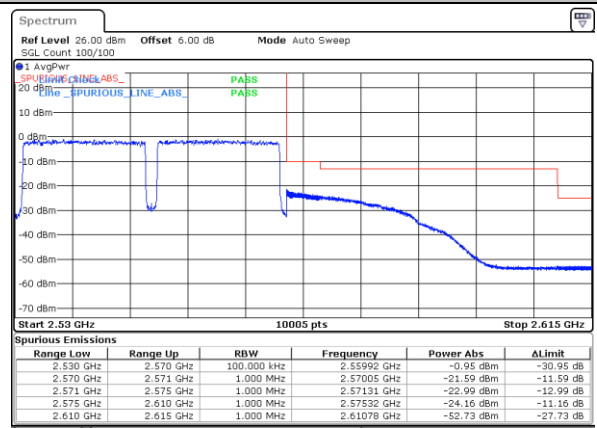
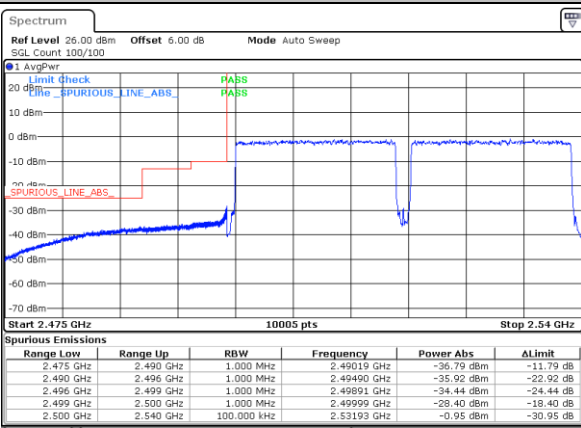


Date: 8.FEB.2023 22:11:27

Date: 20.FEB.2023 23:50:19

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8.FEB.2023 22:12:28

Date: 8.FEB.2023 22:24:43

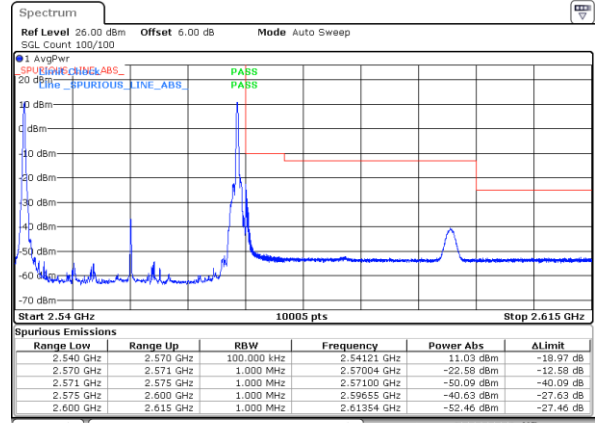
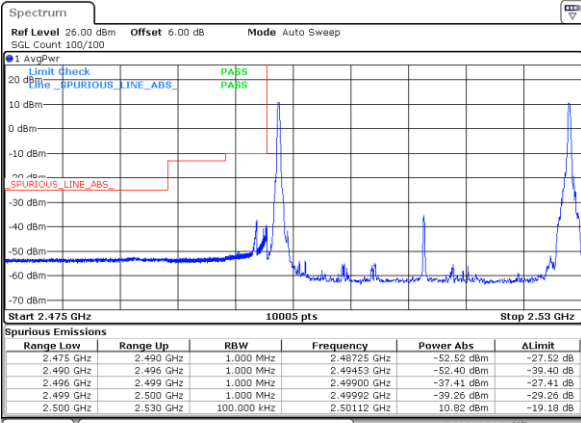


LTE Band 7C / 10MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

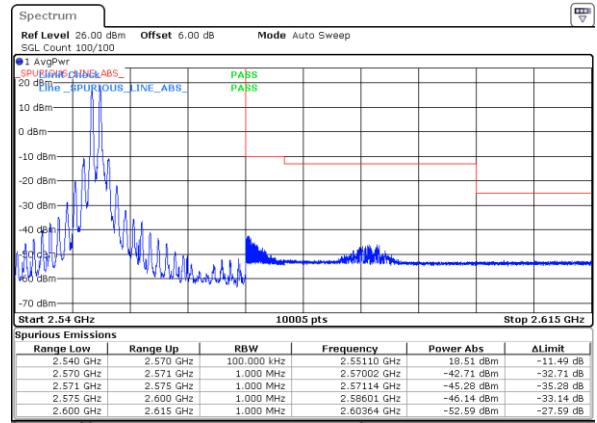
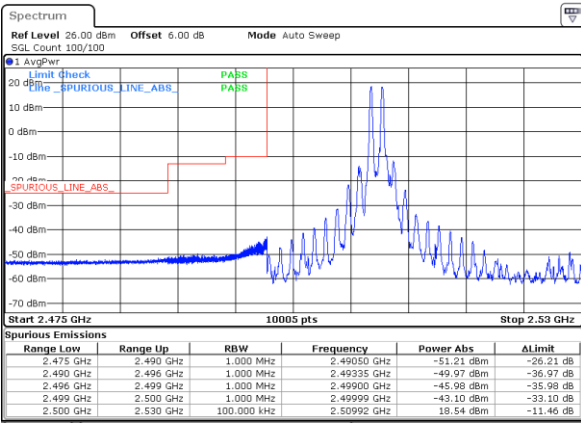


Date: 8\_FEB.2023 19:49:24

Date: 8\_FEB.2023 20:01:51

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

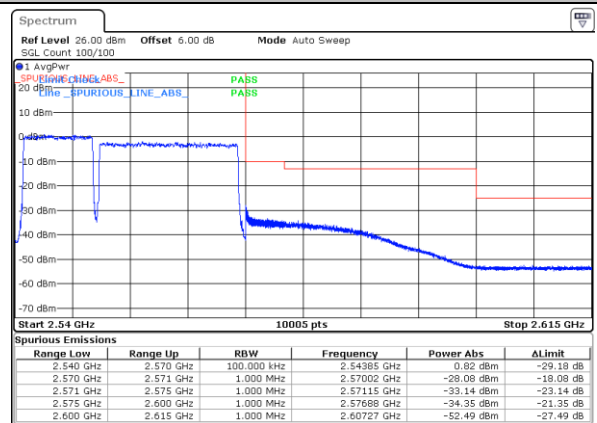
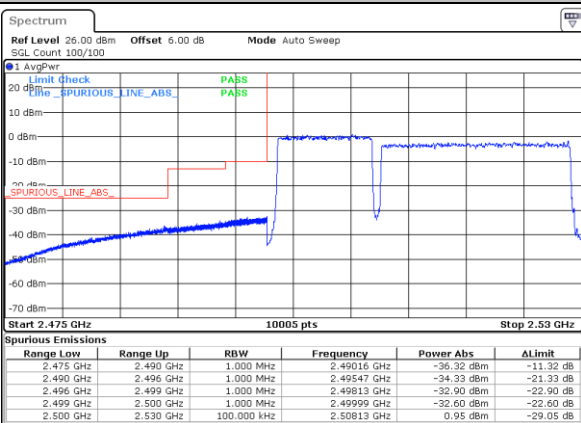


Date: 8\_FEB.2023 19:52:30

Date: 8\_FEB.2023 20:04:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8\_FEB.2023 19:55:34

Date: 8\_FEB.2023 20:07:57



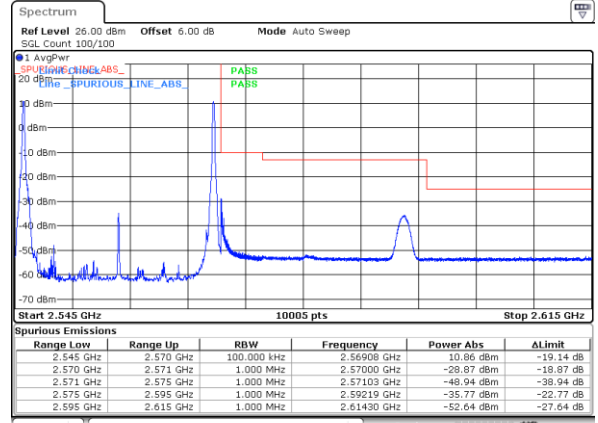
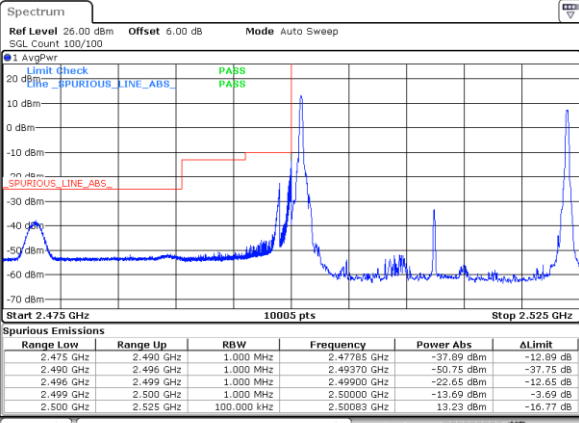


LTE Band 7C / 15MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

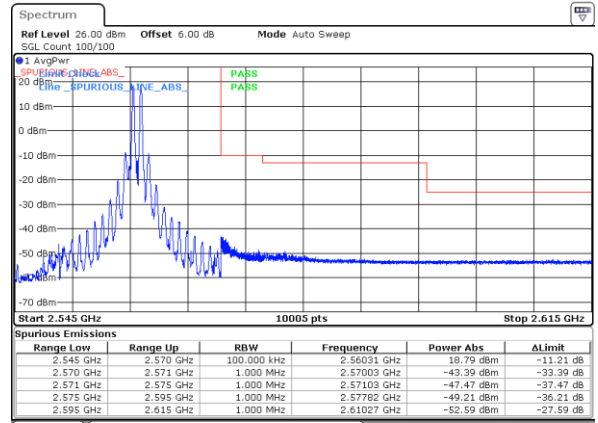
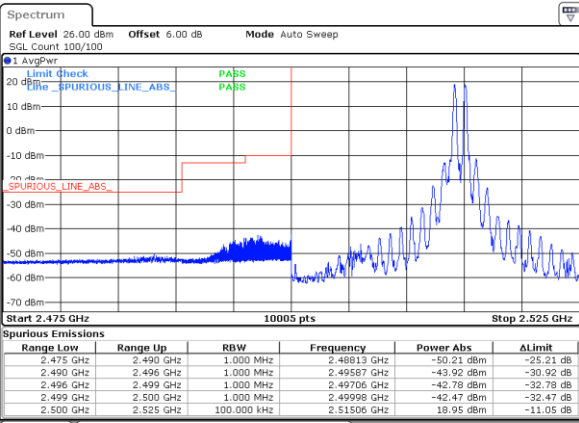


Date: 8.FEB.2023 20:12:36

Date: 8.FEB.2023 20:24:58

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

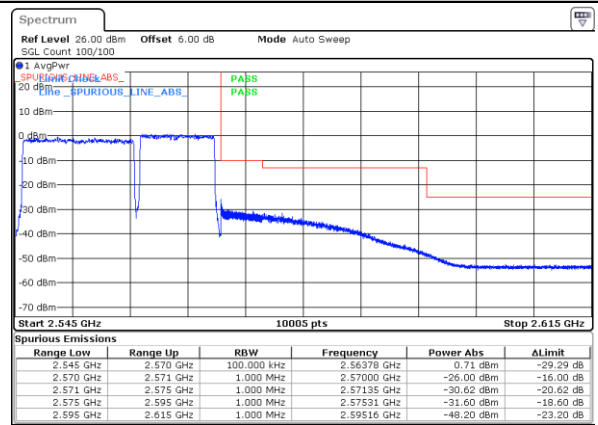
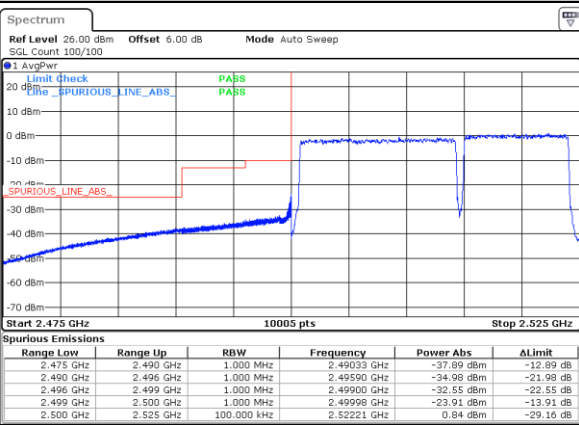


Date: 8.FEB.2023 20:15:38

Date: 8.FEB.2023 20:28:00

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8.FEB.2023 20:18:42

Date: 8.FEB.2023 20:31:01