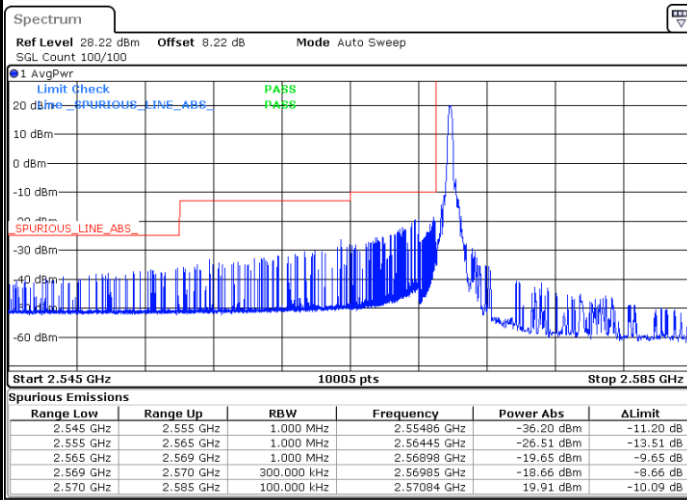




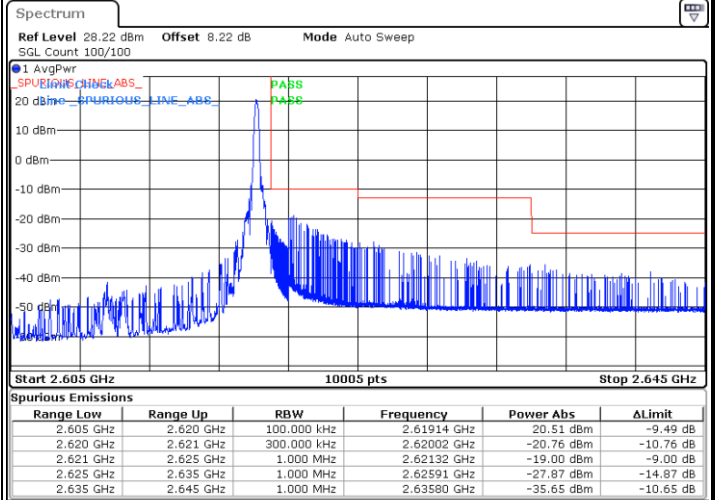
LTE Band 38 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



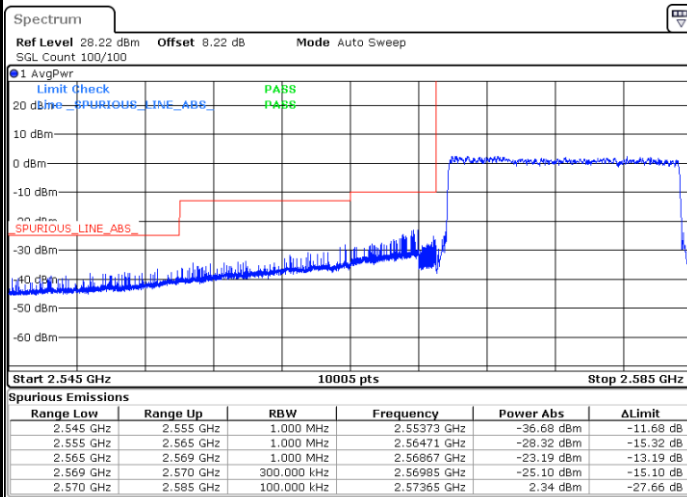
Date: 9.MAR.2023 13:21:06

Highest Band Edge / 1 RB



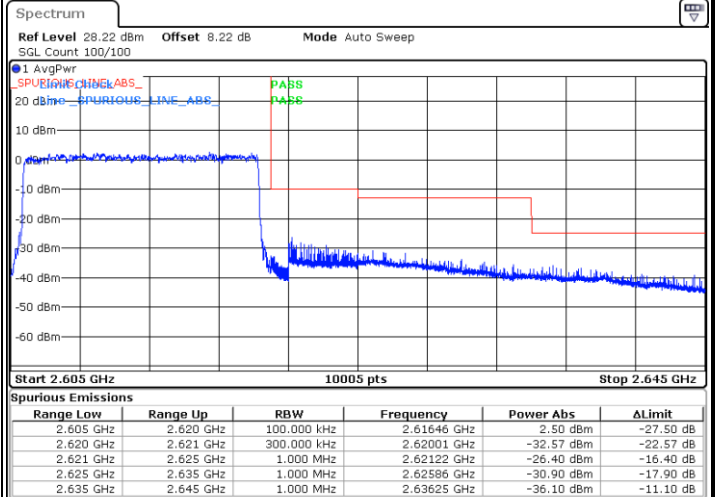
Date: 9.MAR.2023 13:29:30

Lowest Band Edge / Full RB



Date: 9.MAR.2023 13:18:52

Highest Band Edge / Full RB

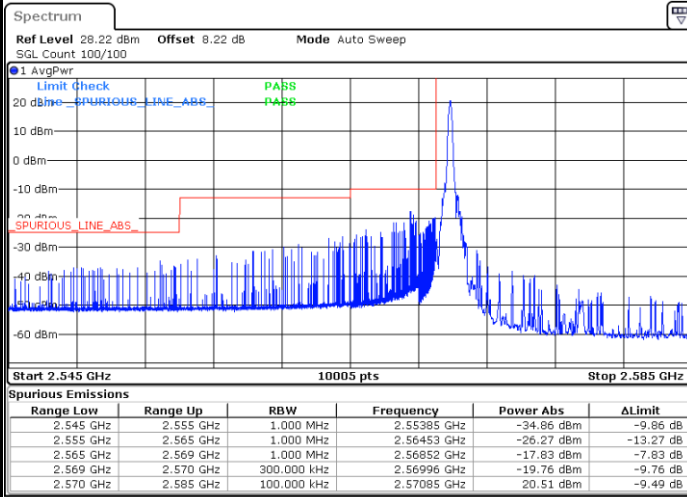


Date: 9.MAR.2023 13:31:45



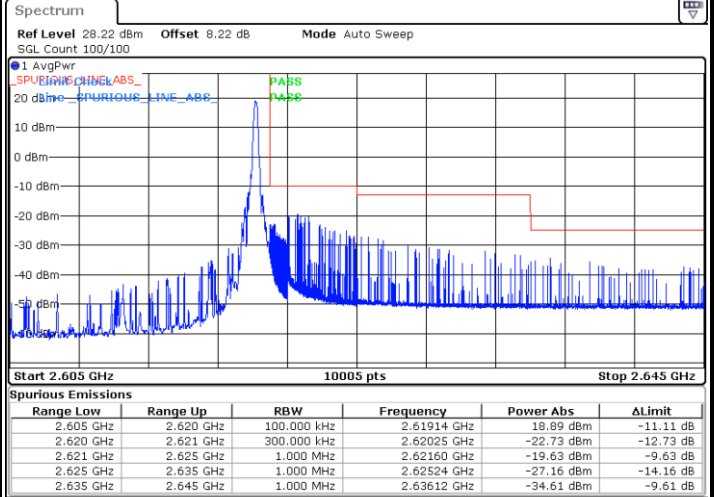
LTE Band 38 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



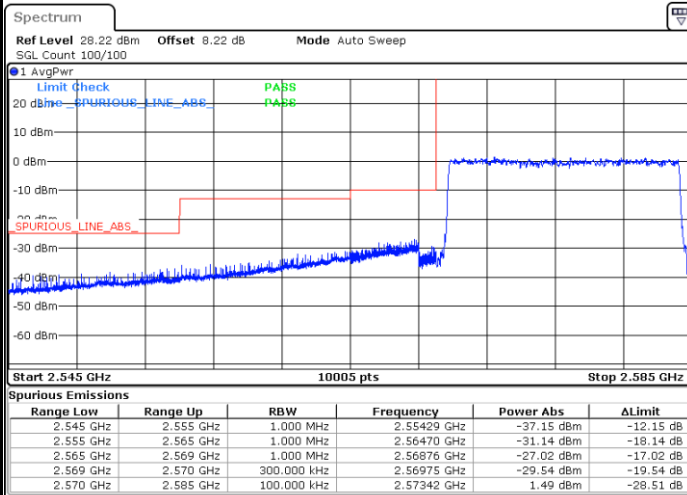
Date: 9.MAR.2023 13:21:51

Highest Band Edge / 1 RB



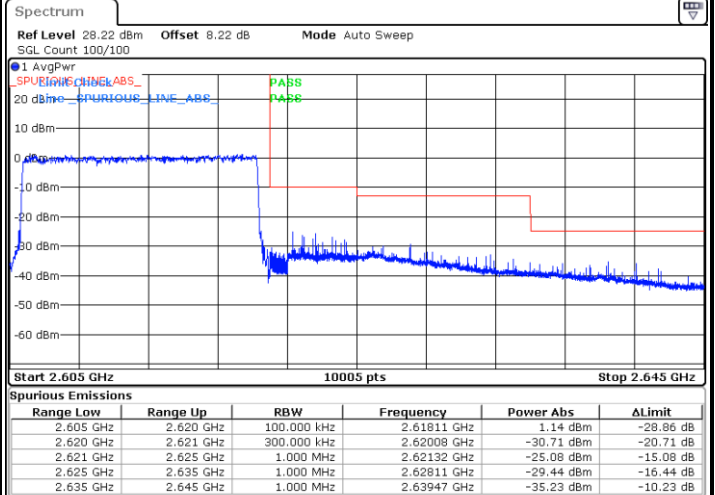
Date: 9.MAR.2023 13:30:15

Lowest Band Edge / Full RB



Date: 9.MAR.2023 13:19:36

Highest Band Edge / Full RB

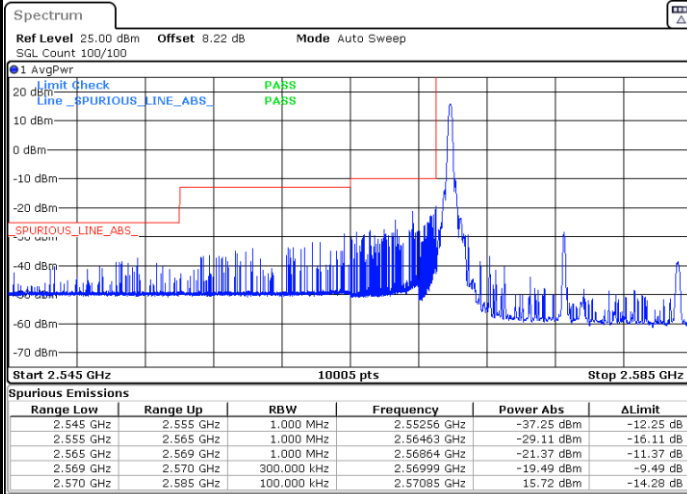


Date: 9.MAR.2023 13:32:30



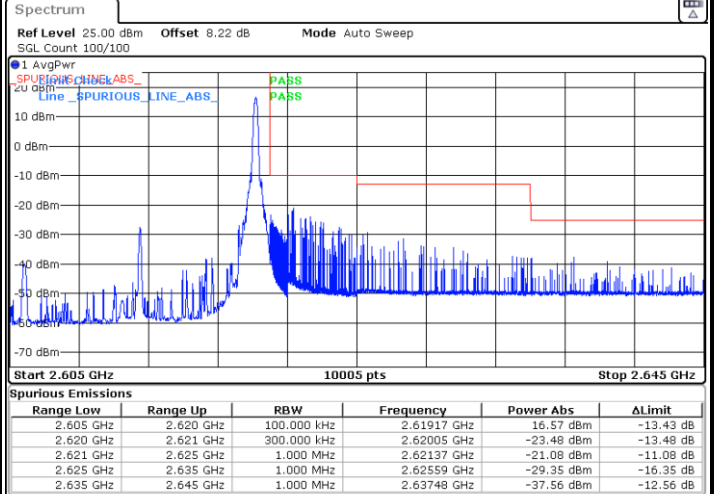
LTE Band 38 / 15MHz / 256QAM

Lowest Band Edge / 1RB



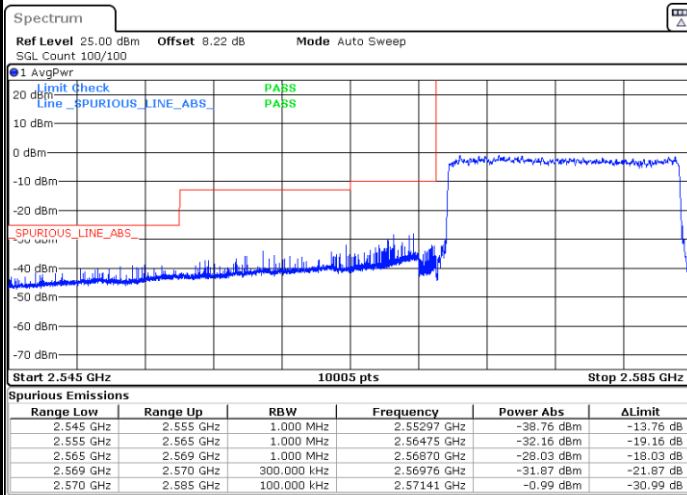
Date: 9.MAR.2023 04:46:58

Highest Band Edge / 1 RB



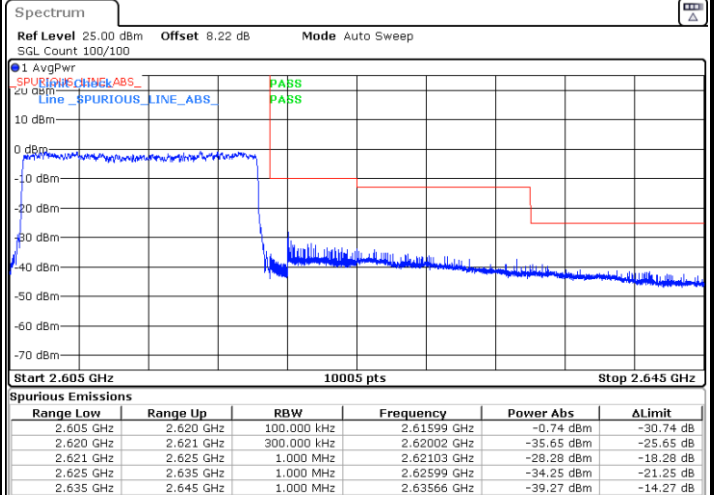
Date: 9.MAR.2023 04:49:18

Lowest Band Edge / Full RB



Date: 9.MAR.2023 04:46:20

Highest Band Edge / Full RB



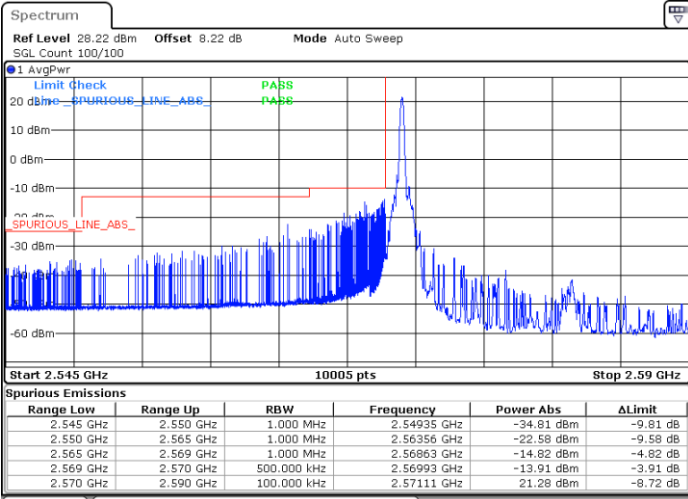
Date: 9.MAR.2023 04:48:18



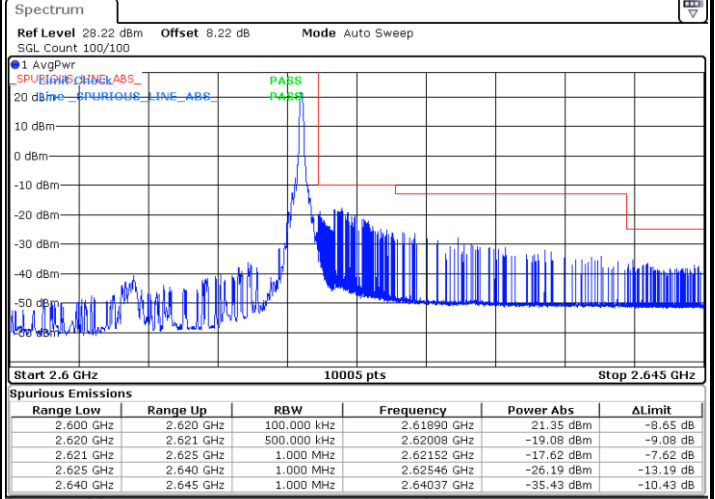
LTE Band 38 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



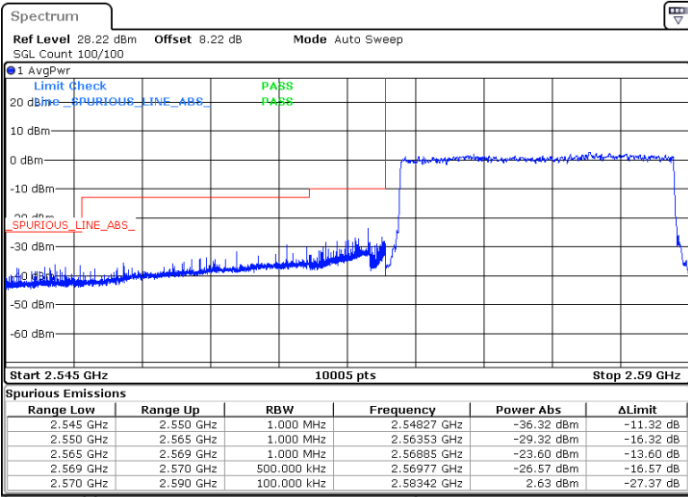
Date: 9.MAR.2023 13:35:30



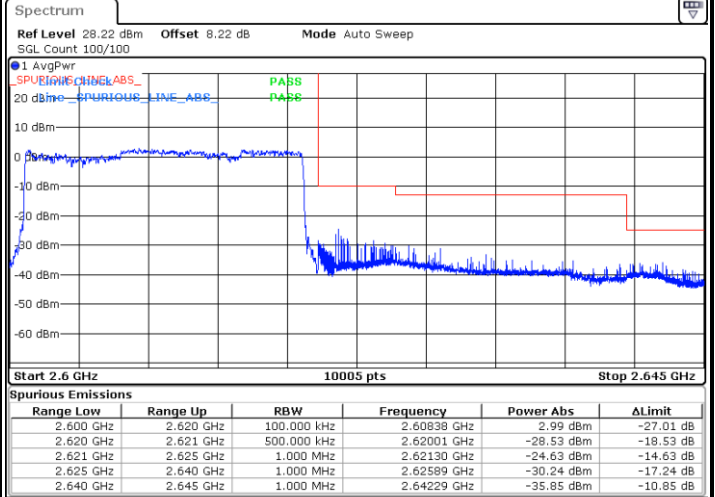
Date: 9.MAR.2023 13:43:54

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9.MAR.2023 13:33:15

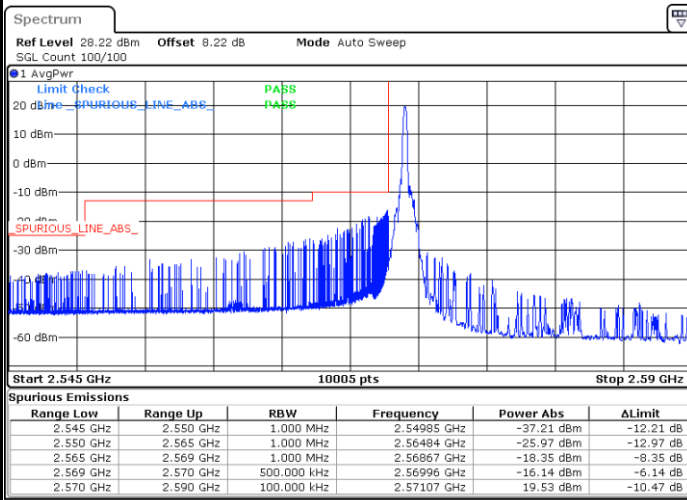


Date: 9.MAR.2023 13:46:08



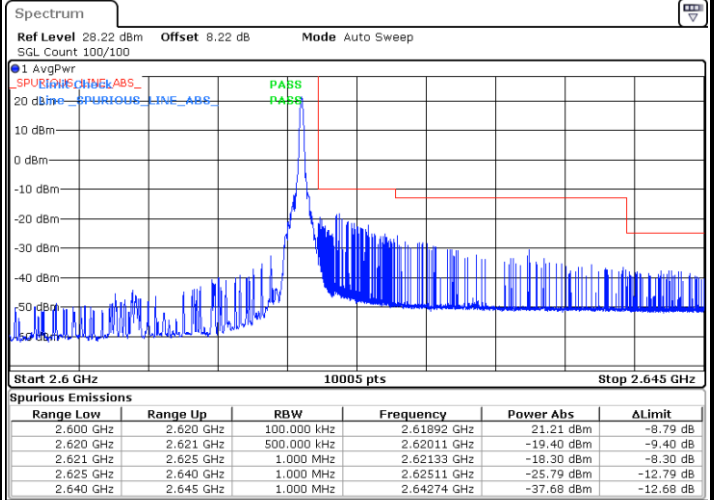
LTE Band 38 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



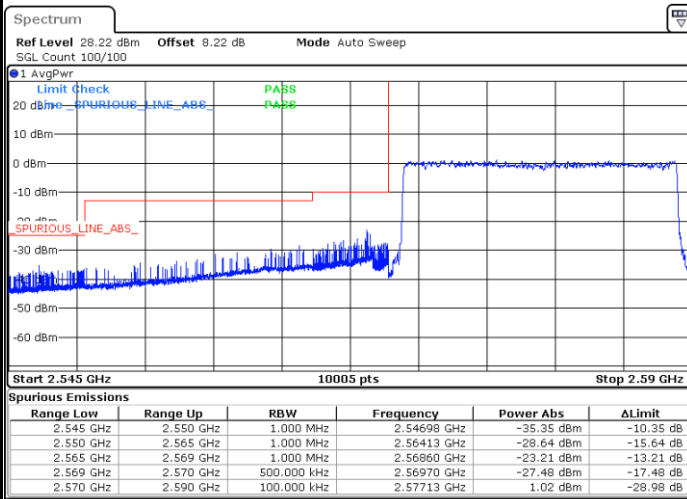
Date: 9.MAR.2023 13:36:14

Highest Band Edge / 1 RB



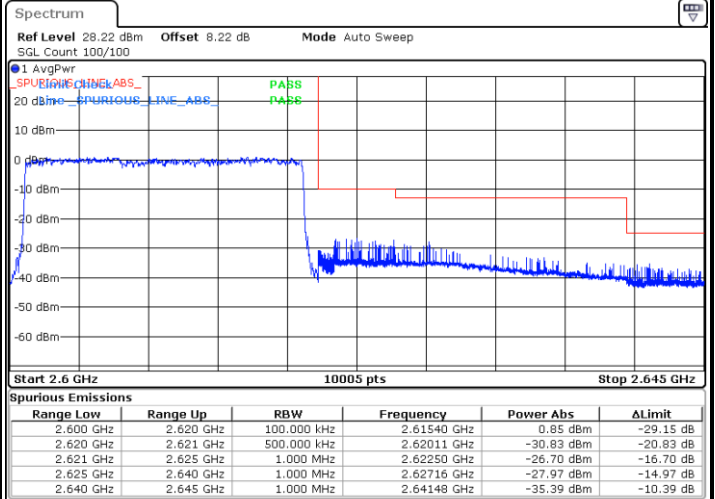
Date: 9.MAR.2023 13:44:38

Lowest Band Edge / Full RB



Date: 9.MAR.2023 13:34:00

Highest Band Edge / Full RB

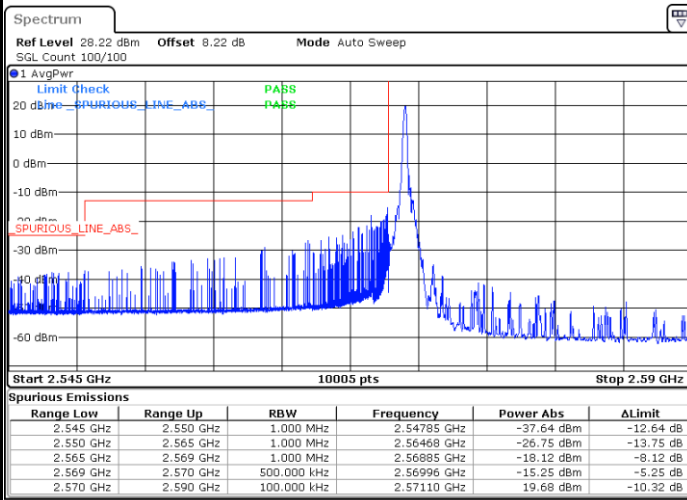


Date: 9.MAR.2023 13:46:54



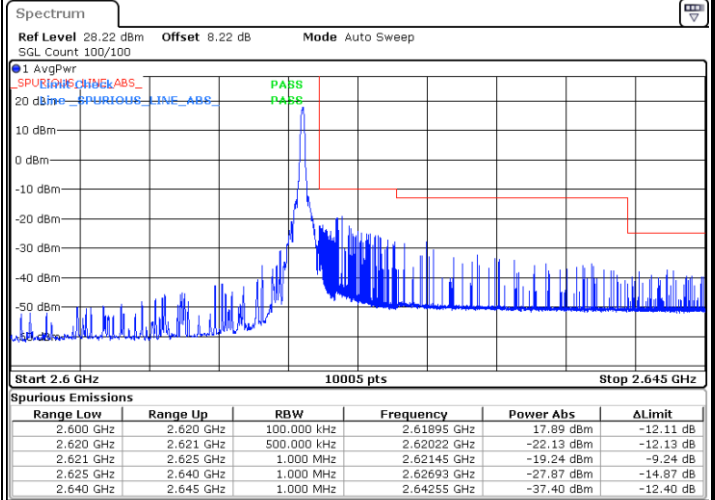
LTE Band 38 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



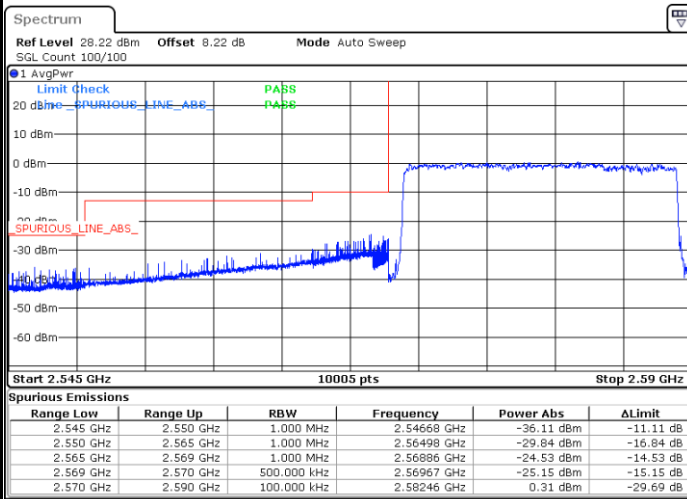
Date: 9.MAR.2023 13:36:59

Highest Band Edge / 1 RB



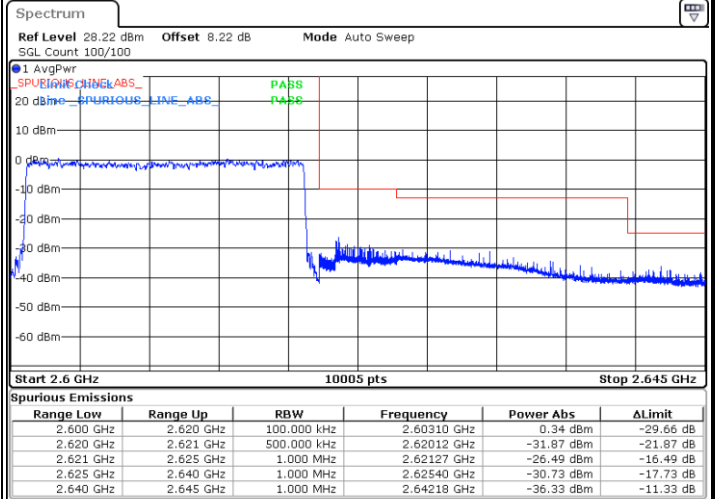
Date: 9.MAR.2023 13:45:23

Lowest Band Edge / Full RB



Date: 9.MAR.2023 13:34:45

Highest Band Edge / Full RB



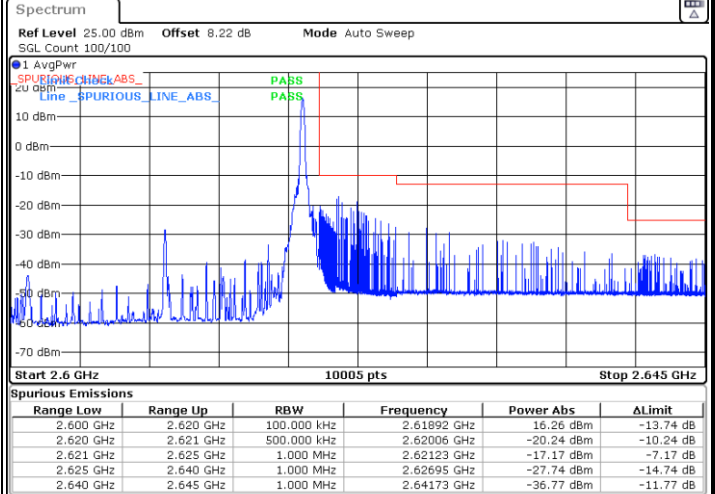
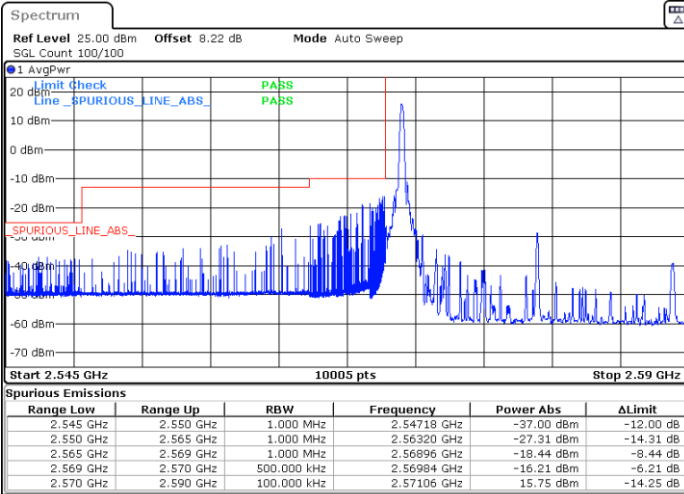
Date: 9.MAR.2023 13:47:38



LTE Band 38 / 20MHz / 256QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB

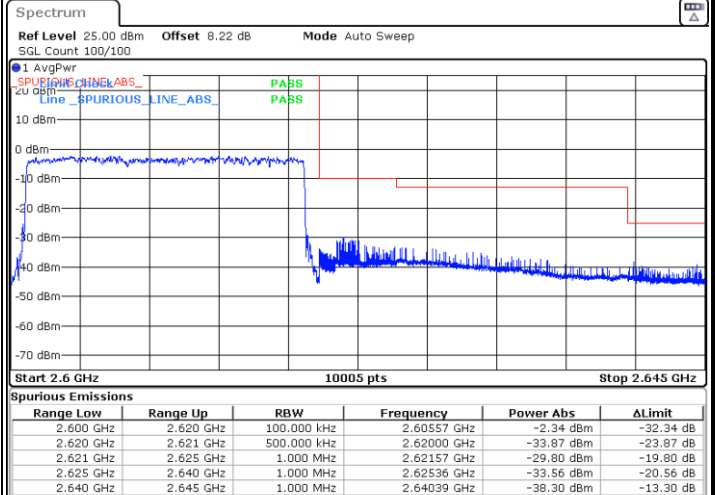
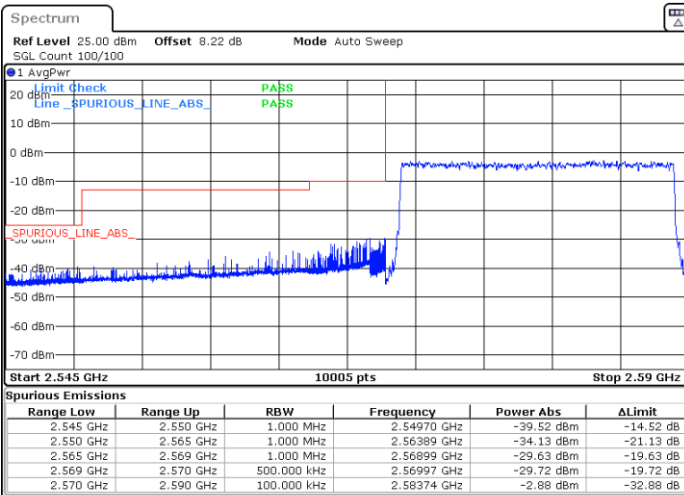


Date: 9.MAR.2023 04:51:18

Date: 9.MAR.2023 04:52:51

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

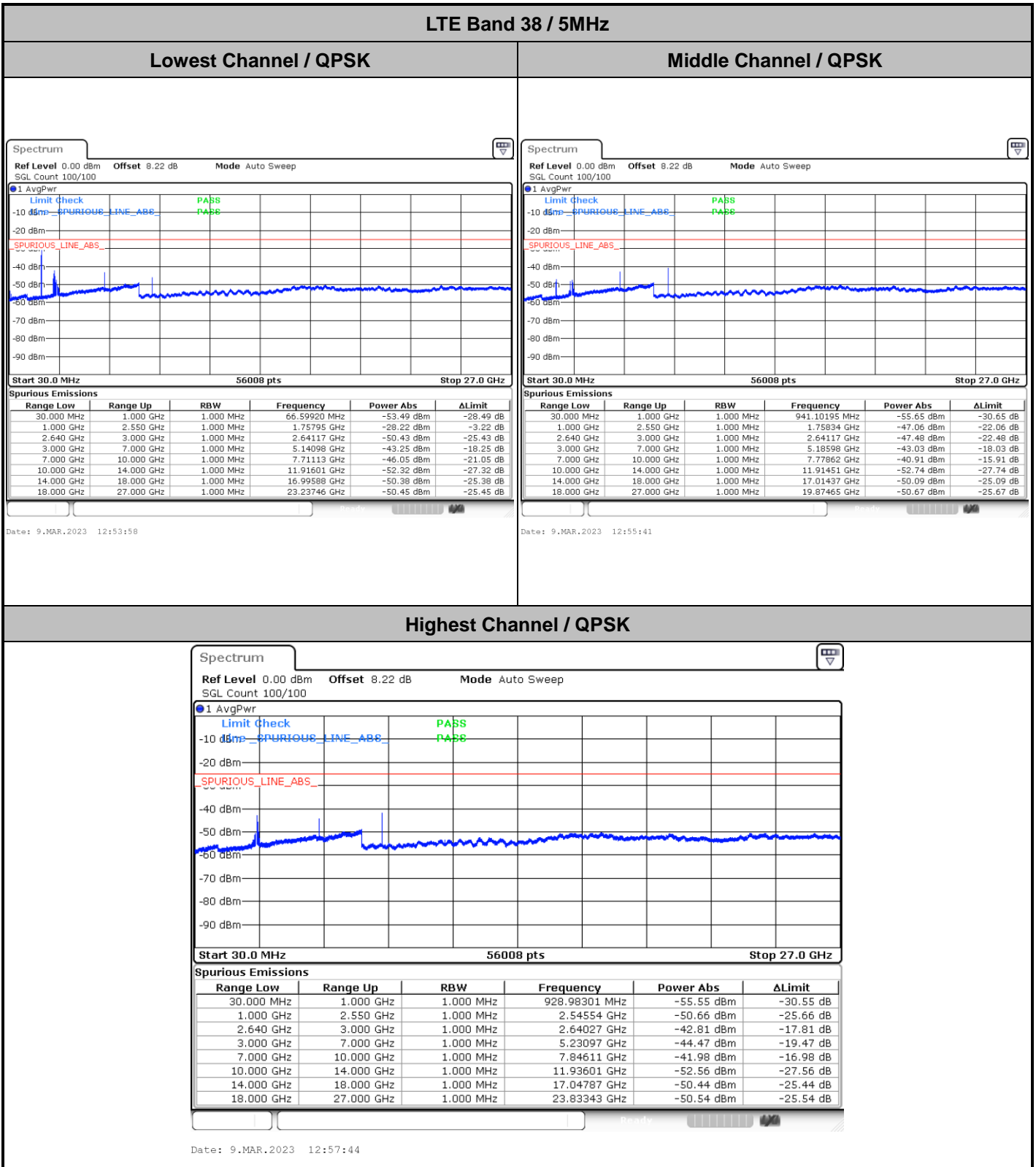


Date: 9.MAR.2023 04:50:51

Date: 9.MAR.2023 04:52:19



Conducted Spurious Emission

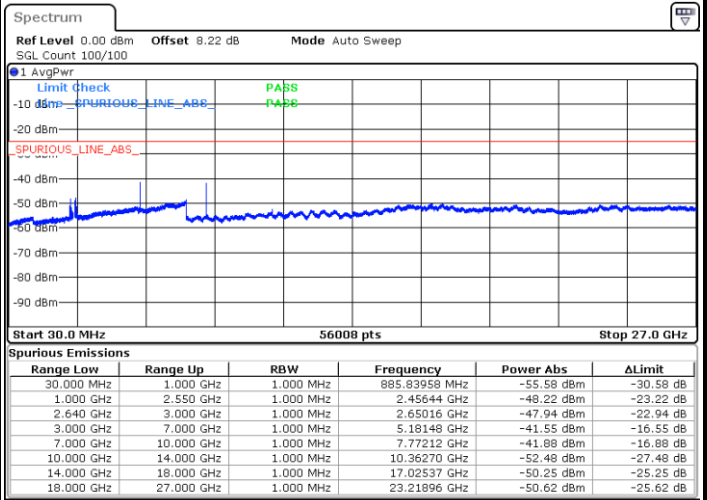
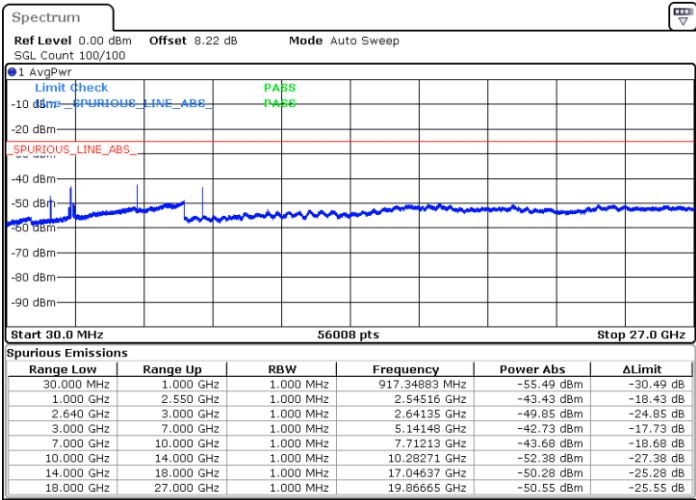




LTE Band 38 / 10MHz

Lowest Channel / QPSK

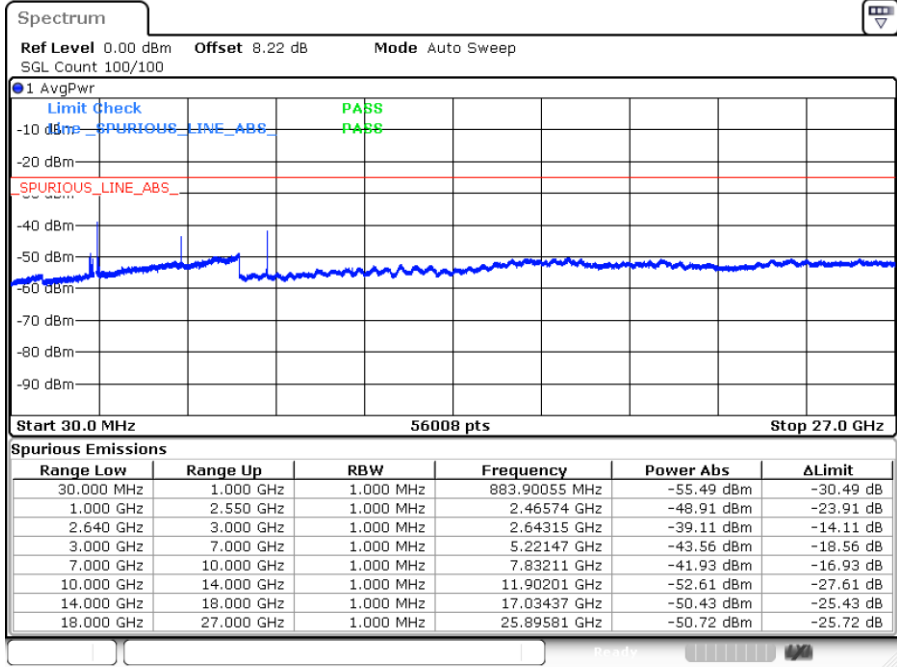
Middle Channel / QPSK



Date: 9.MAR.2023 13:08:46

Date: 9.MAR.2023 13:10:49

Highest Channel / QPSK



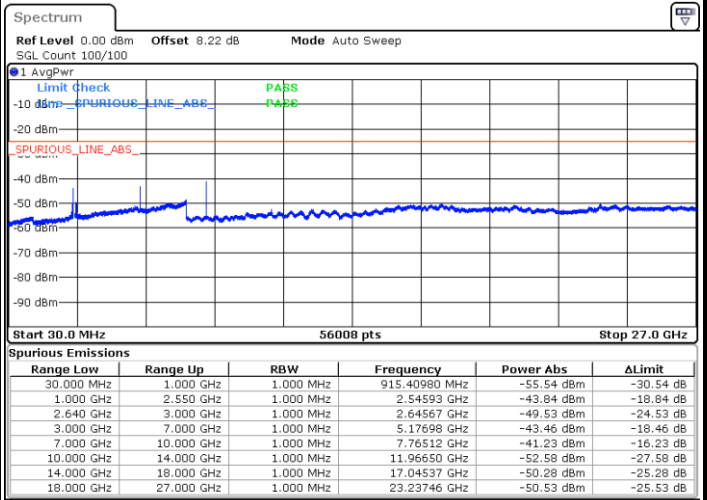
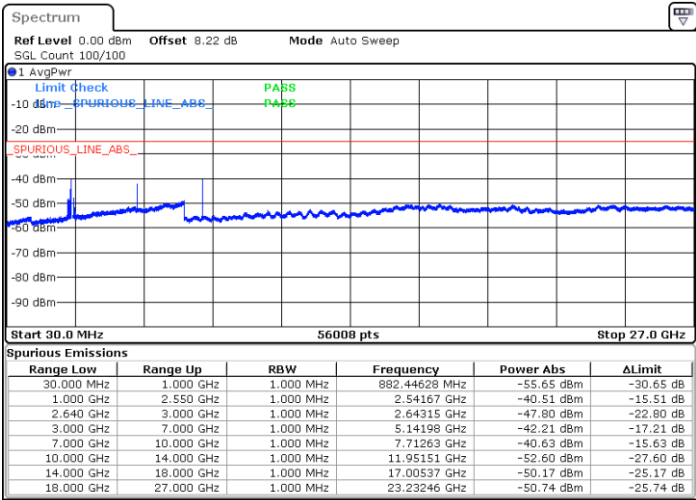
Date: 9.MAR.2023 13:12:52



LTE Band 38 / 15MHz

Lowest Channel / QPSK

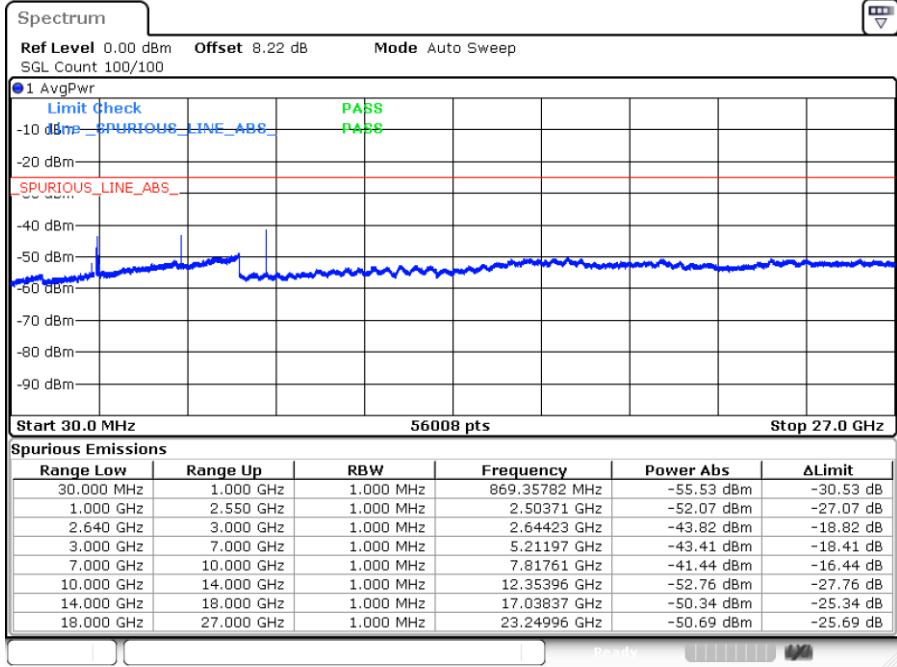
Middle Channel / QPSK



Date: 9.MAR.2023 13:23:54

Date: 9.MAR.2023 13:25:57

Highest Channel / QPSK



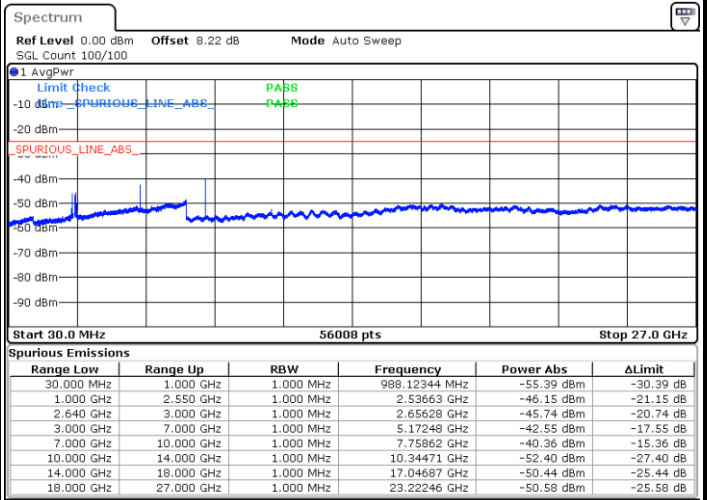
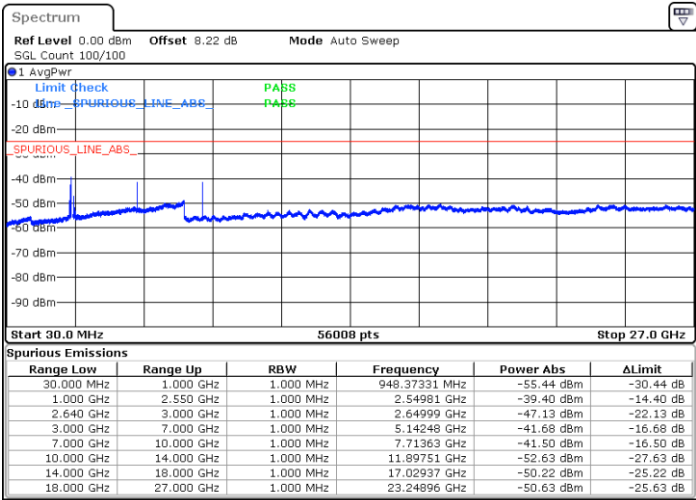
Date: 9.MAR.2023 13:28:00



LTE Band 38 / 20MHz

Lowest Channel / QPSK

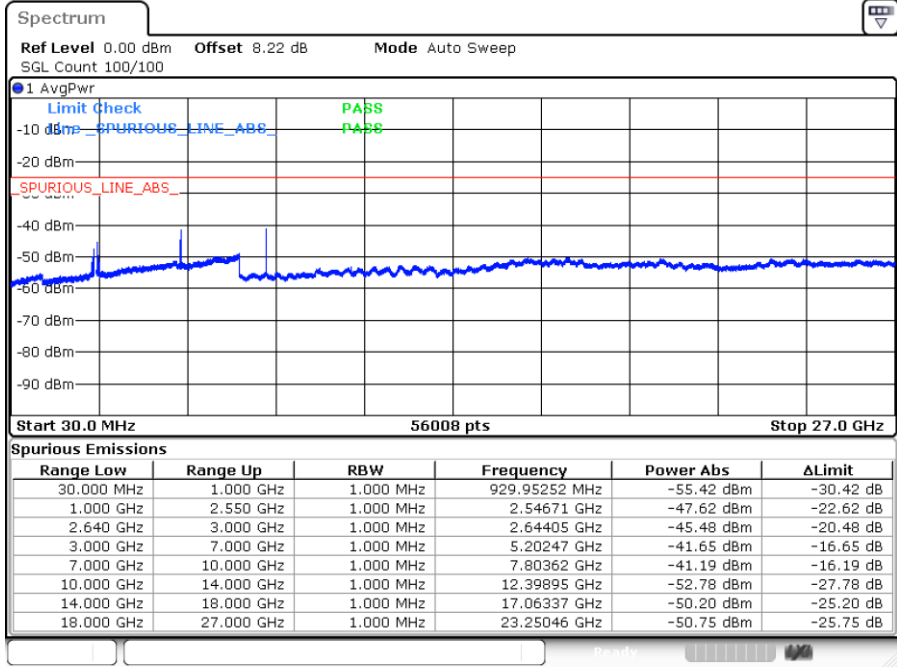
Middle Channel / QPSK



Date: 9.MAR.2023 13:39:02

Date: 9.MAR.2023 13:41:05

Highest Channel / QPSK



Date: 9.MAR.2023 13:43:08



Frequency Stability

Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0036	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0034	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0028	
20	Battery End Point	0.0031	

Note:

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



LTE Band 7C

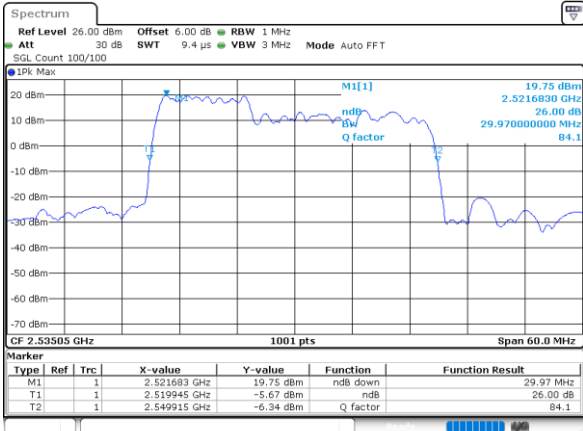
26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	29.97	29.79
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.23	25.23
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.57	30.57
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	34.97	34.90
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.09	30.03
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	35.04	35.04
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	39.96	39.88



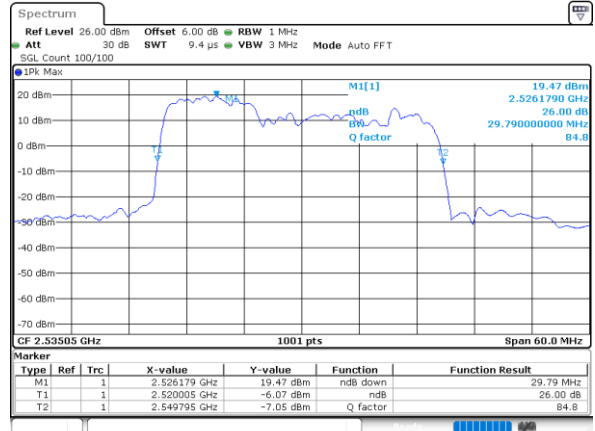
LTE Band 7C

Middle Channel / 10MHz+20MHz / QPSK



Date: 19_FEB_2023 01:03:39

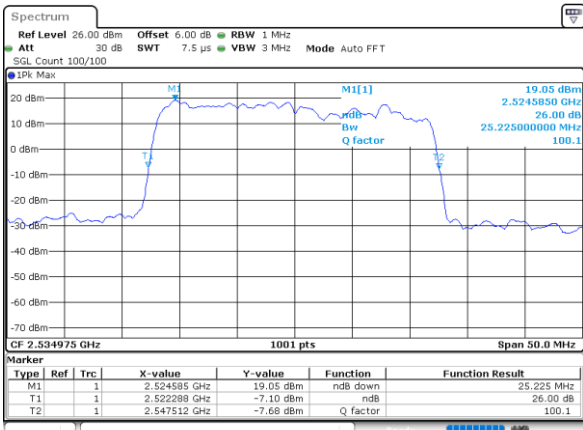
Middle Channel / 10MHz+20MHz / 16QAM



Date: 19_FEB_2023 01:04:49

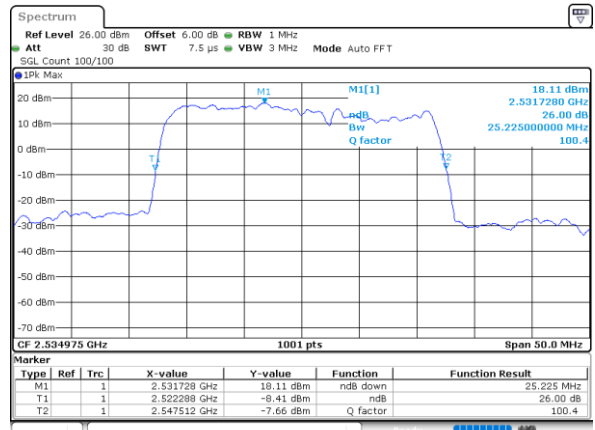
LTE Band 7

Middle Channel / 15MHz+10MHz / QPSK



Date: 19_FEB_2023 00:55:58

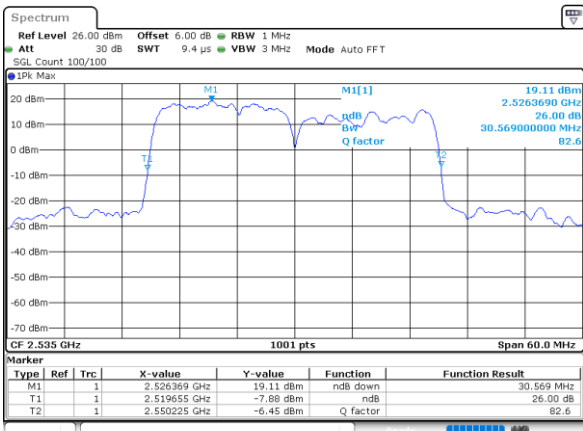
Middle Channel / 15MHz+10MHz / 16QAM



Date: 19_FEB_2023 01:01:24

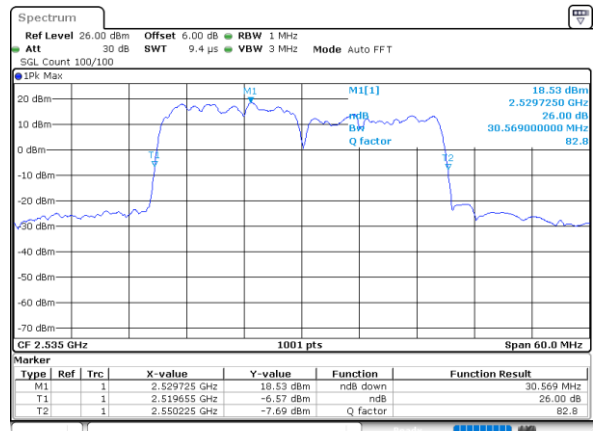
LTE Band 7

Middle Channel / 15MHz+15MHz / QPSK



Date: 19_FEB_2023 00:51:52

Middle Channel / 15MHz+15MHz / 16QAM

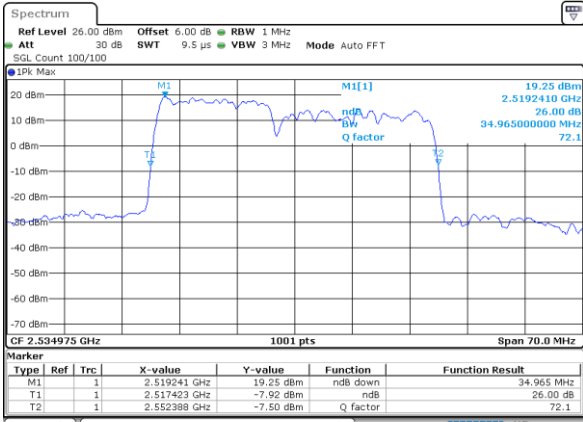


Date: 19_FEB_2023 00:53:58



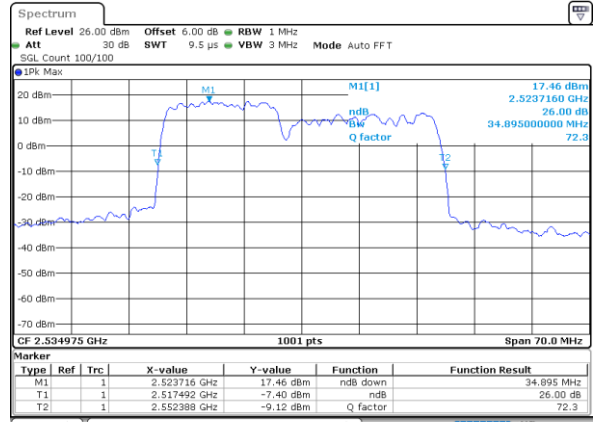
LTE Band 7

Middle Channel / 15MHz+20MHz / QPSK



Date: 19_FEB_2023 00:47:55

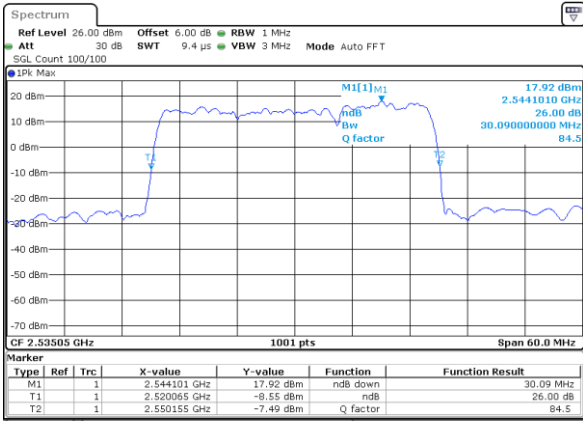
Middle Channel / 15MHz+20MHz / 16QAM



Date: 19_FEB_2023 00:49:51

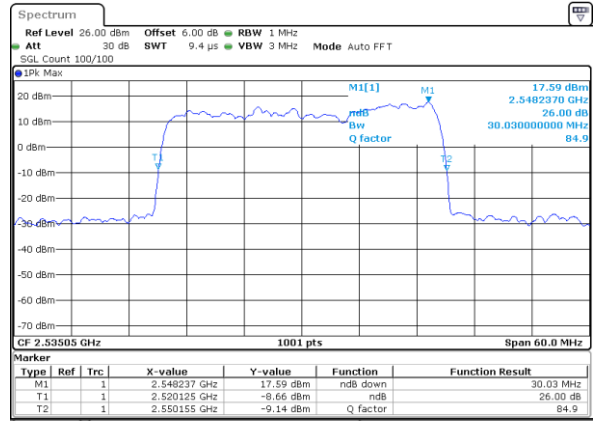
LTE Band 7

Middle Channel / 20MHz+10MHz / QPSK



Date: 19_FEB_2023 00:42:19

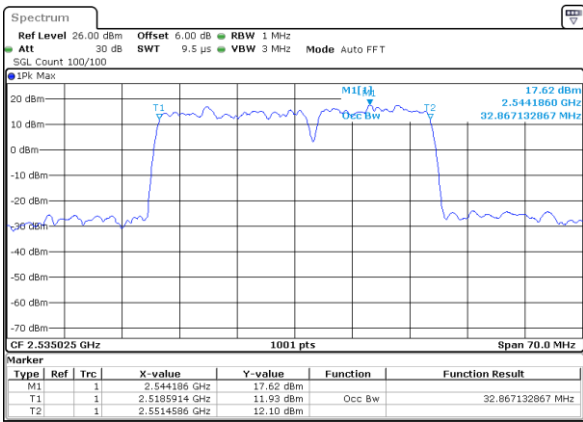
Middle Channel / 20MHz+10MHz / 16QAM



Date: 19_FEB_2023 00:44:22

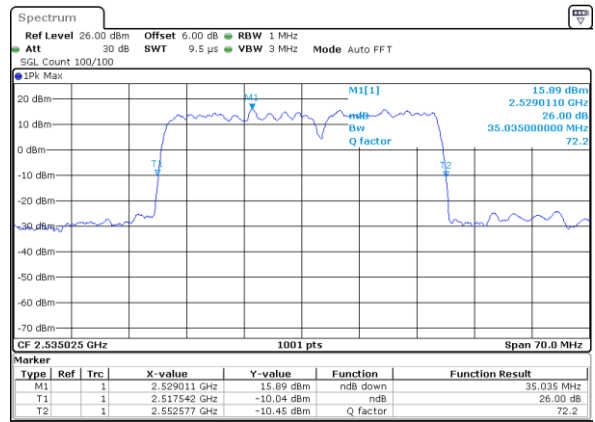
LTE Band 7

Middle Channel / 20MHz+15MHz / QPSK



Date: 19_FEB_2023 00:39:40

Middle Channel / 20MHz+15MHz / 16QAM

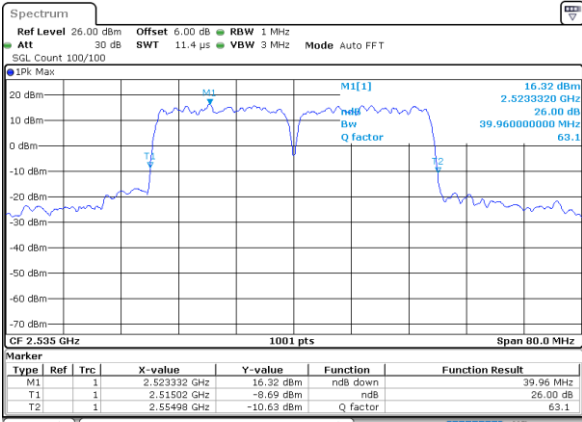


Date: 19_FEB_2023 00:38:21



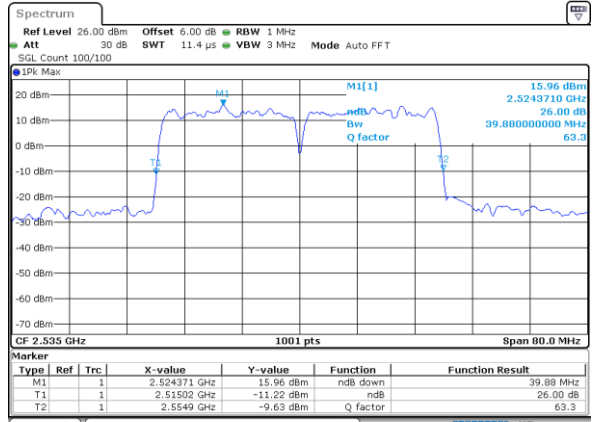
LTE Band 7

Middle Channel / 20MHz+20MHz / QPSK



Date: 18.FEB.2023 23:57:10

Middle Channel / 20MHz+20MHz / 16QAM



Date: 18.FEB.2023 23:57:39



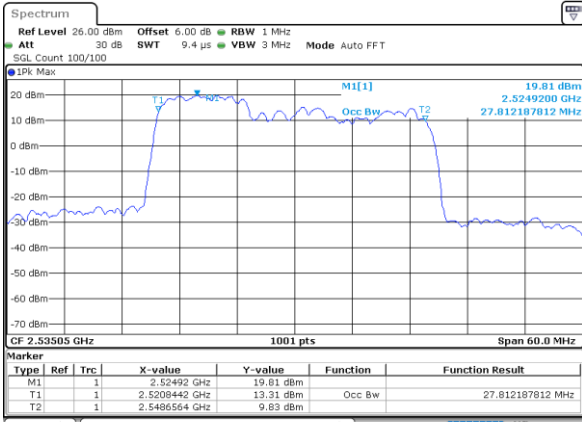
Occupied Bandwidth

Mode	LTE Band 7C : 99%OBW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	27.81	27.99
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.33	23.38
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.77	28.29
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	32.73	32.73
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.11	28.23
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	32.73	32.94
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.88	37.64



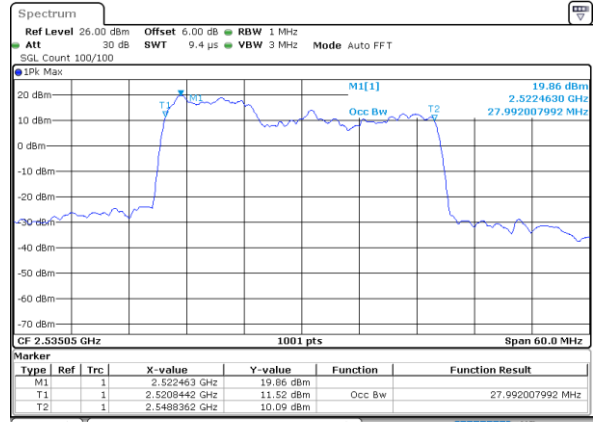
LTE Band 7C

Middle Channel / 10MHz+20MHz / QPSK



Date: 19_FEB_2023 01:03:02

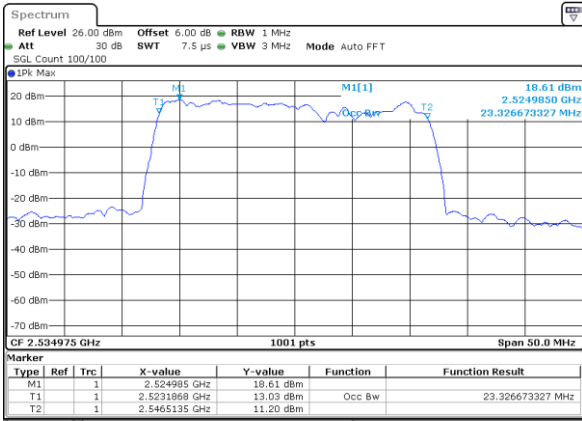
Middle Channel / 10MHz+20MHz / 16QAM



Date: 19_FEB_2023 01:04:12

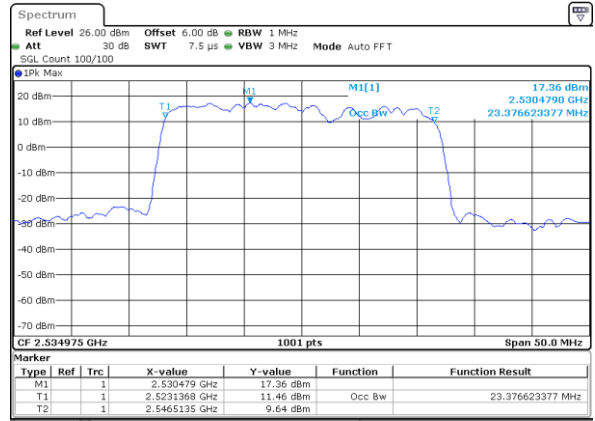
LTE Band 7

Middle Channel / 15MHz+10MHz / QPSK



Date: 19_FEB_2023 00:55:11

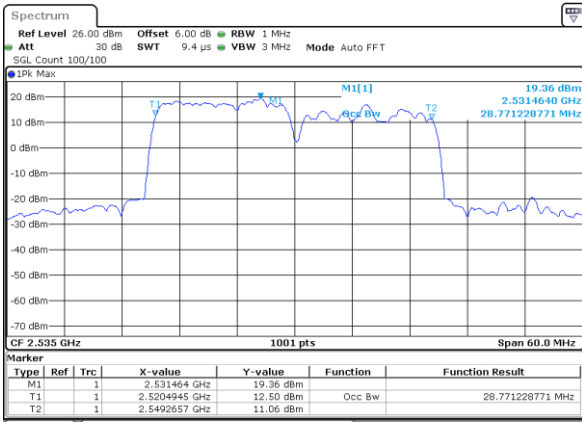
Middle Channel / 15MHz+10MHz / 16QAM



Date: 19_FEB_2023 00:56:36

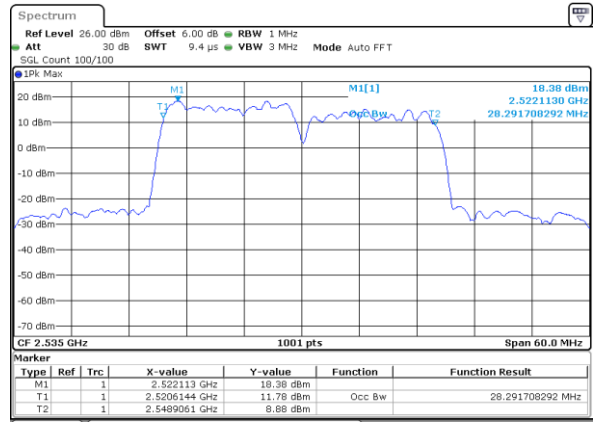
LTE Band 7

Middle Channel / 15MHz+15MHz / QPSK



Date: 19_FEB_2023 00:51:03

Middle Channel / 15MHz+15MHz / 16QAM

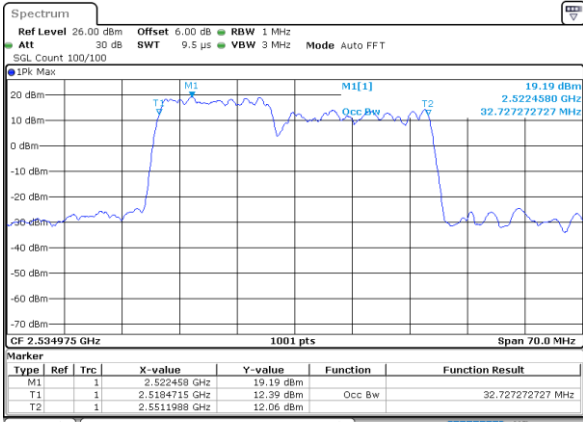


Date: 19_FEB_2023 00:53:17



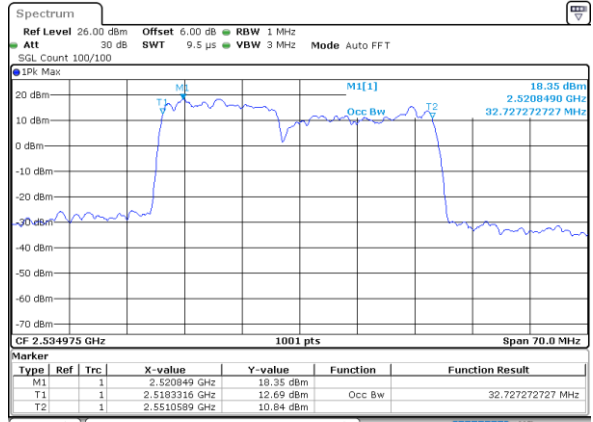
LTE Band 7

Middle Channel / 15MHz+20MHz / QPSK



Date: 19_FEB.2023 00:47:26

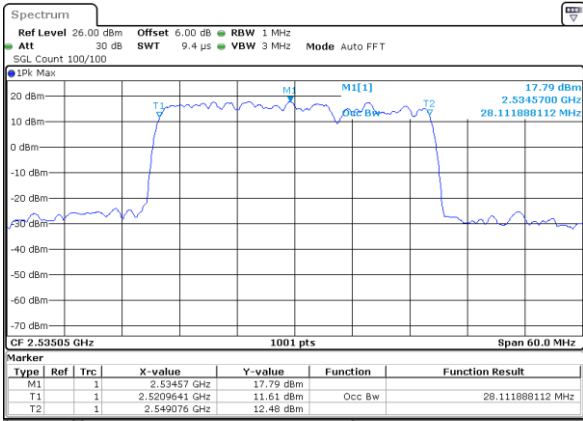
Middle Channel / 15MHz+20MHz / 16QAM



Date: 19_FEB.2023 00:48:35

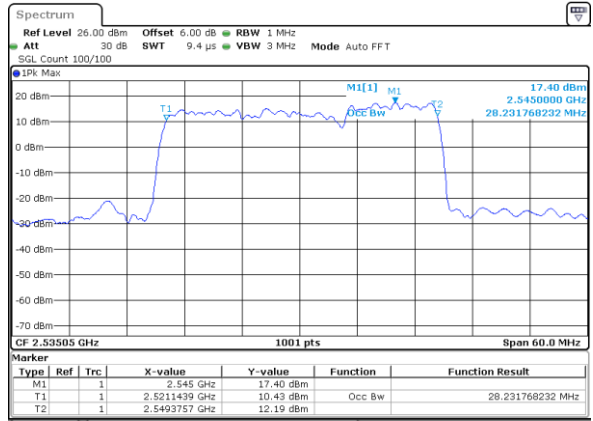
LTE Band 7

Middle Channel / 20MHz+10MHz / QPSK



Date: 19_FEB.2023 00:41:33

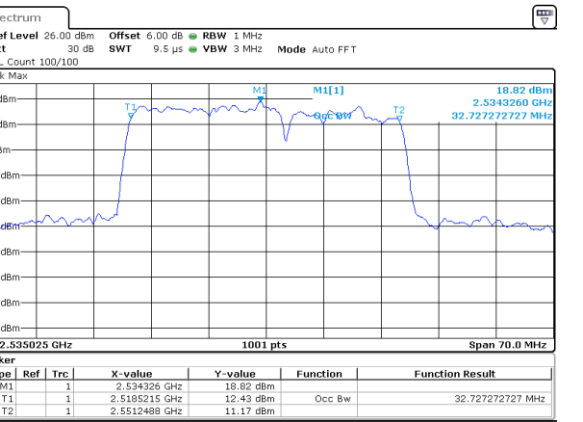
Middle Channel / 20MHz+10MHz / 16QAM



Date: 19_FEB.2023 00:43:43

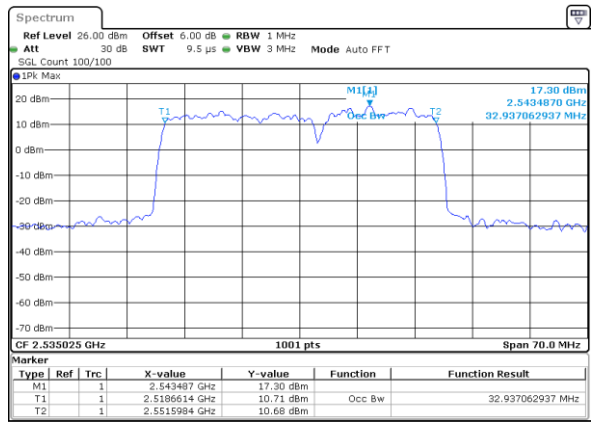
LTE Band 7

Middle Channel / 20MHz+15MHz / QPSK



Date: 19_FEB.2023 00:32:03

Middle Channel / 20MHz+15MHz / 16QAM

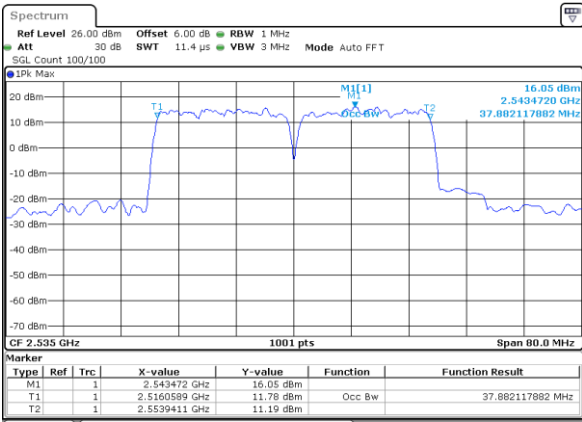


Date: 19_FEB.2023 00:38:52



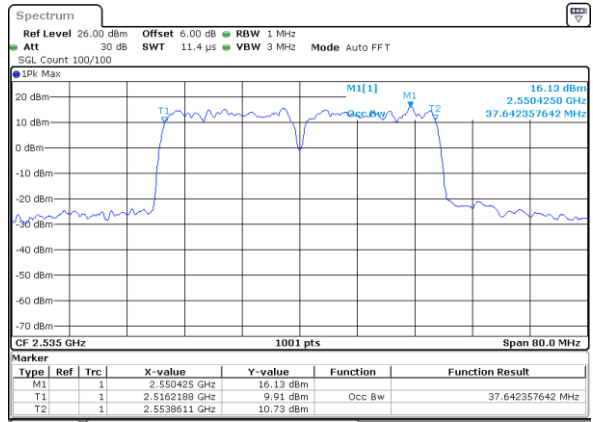
LTE Band 7

Middle Channel / 20MHz+20MHz / QPSK



Date: 18.FEB.2023 23:56:41

Middle Channel / 20MHz+20MHz / 16QAM



Date: 18.FEB.2023 23:58:08



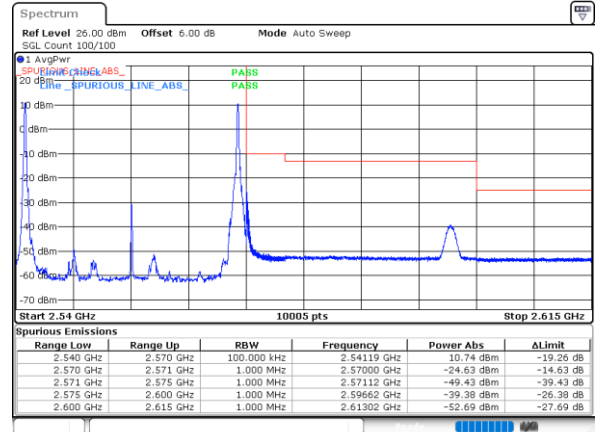
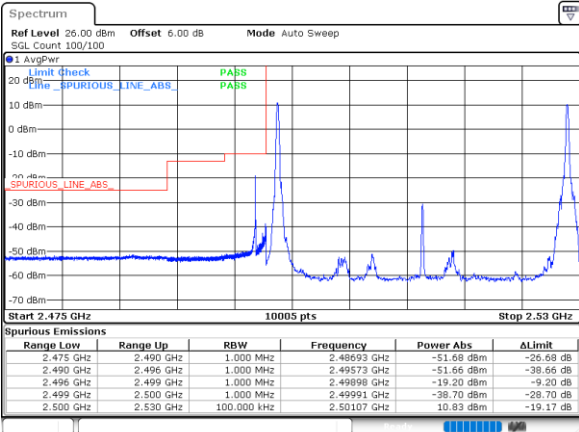
Conducted Band Edge

LTE Band 7 / 10MHz+20MHz

QPSK

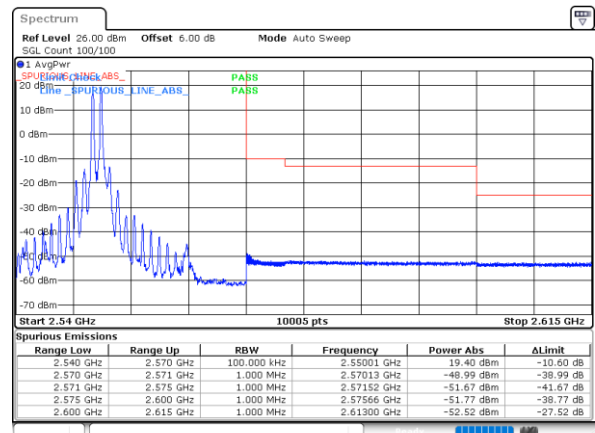
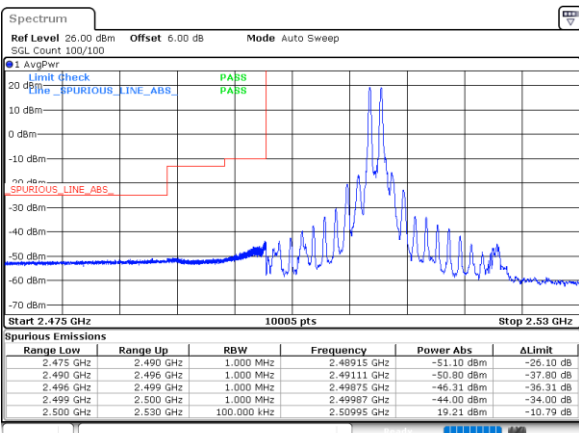
Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99



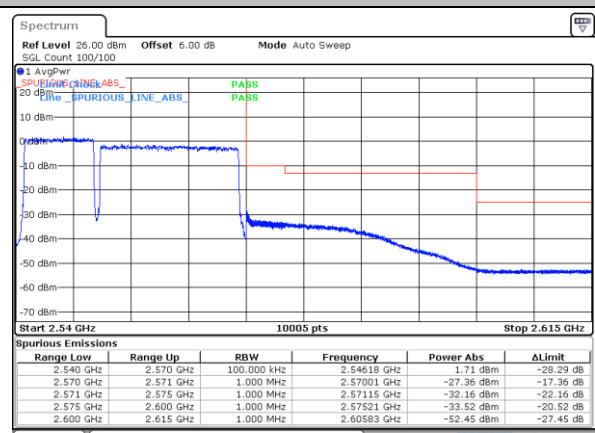
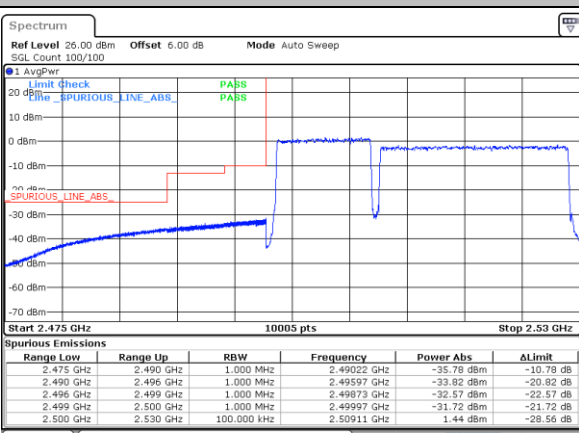
Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

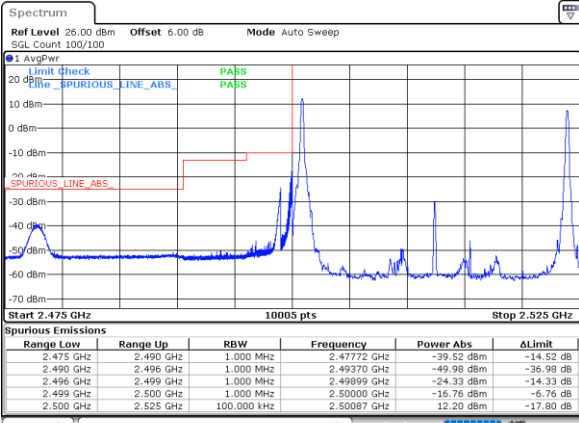




LTE Band 7 / 15MHz+10MHz

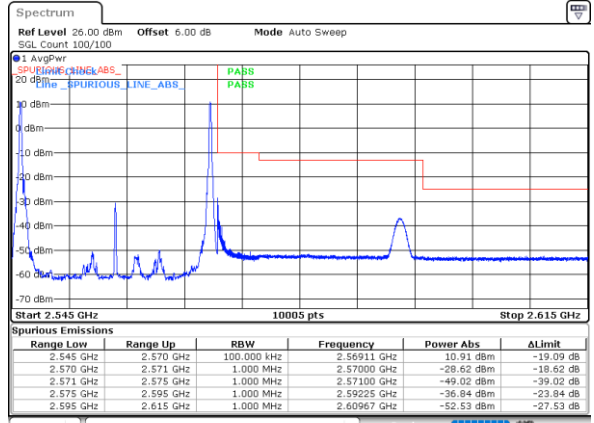
QPSK

Lowest Band Edge / 1RB0 and 1RB49



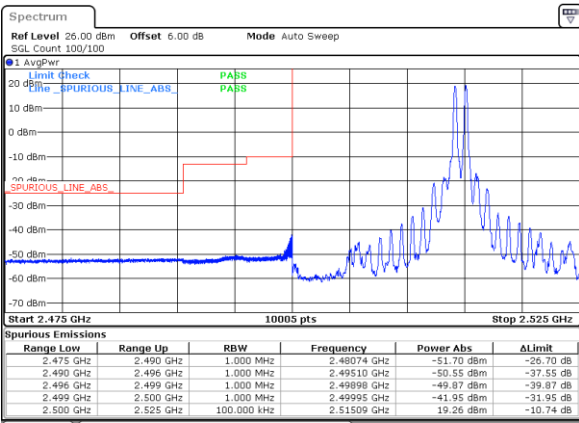
Date: 18.FEB.2023 21:10:19

Highest Band Edge / 1RB0 and 1RB49



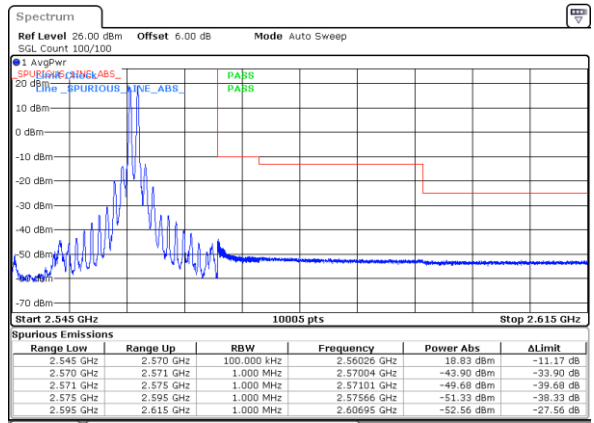
Date: 18.FEB.2023 21:21:31

Lowest Band Edge / 1RB74 and 1RB0



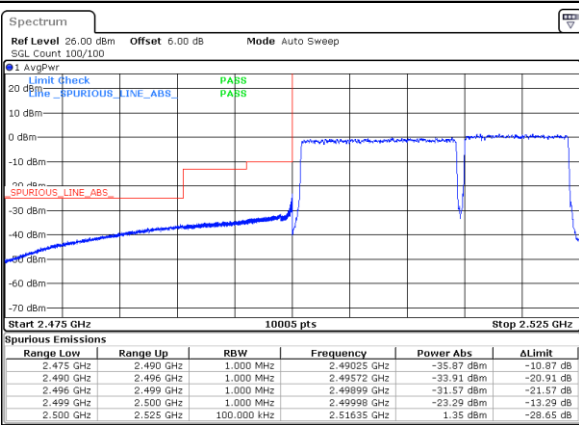
Date: 18.FEB.2023 21:10:17

Highest Band Edge / 1RB74 and 1RB0



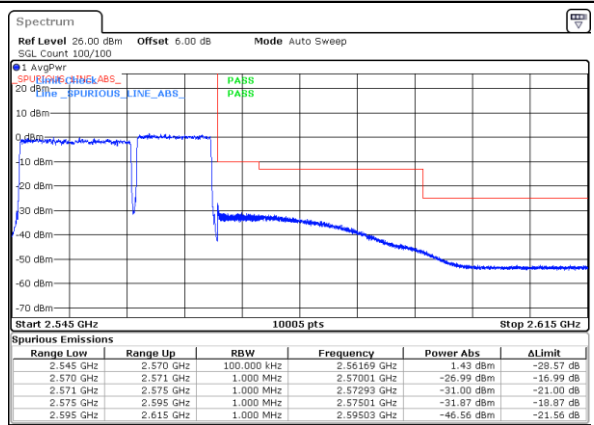
Date: 18.FEB.2023 21:25:28

Lowest Band Edge / Full RB



Date: 18.FEB.2023 21:14:18

Highest Band Edge / Full RB



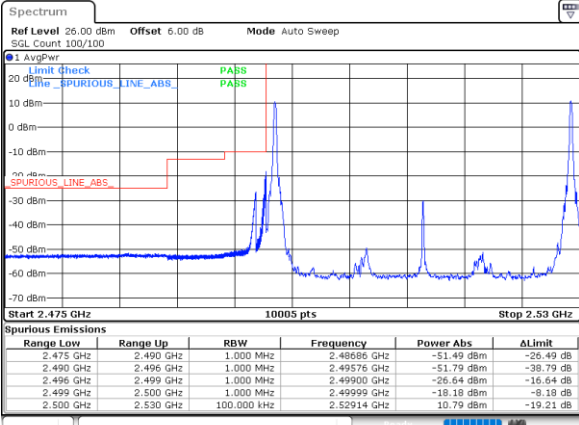
Date: 18.FEB.2023 21:29:26



LTE Band 7 / 15MHz+15MHz

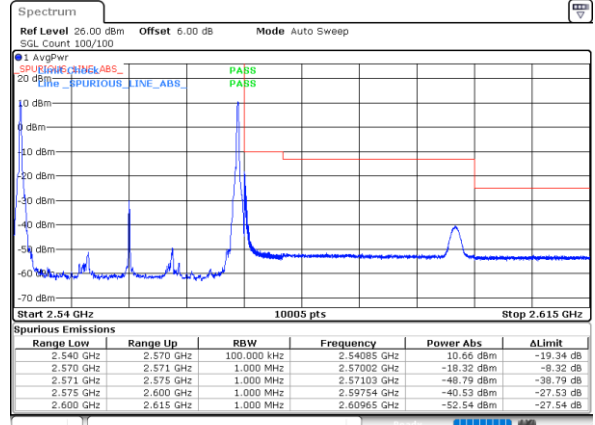
QPSK

Lowest Band Edge / 1RB0 and 1RB74



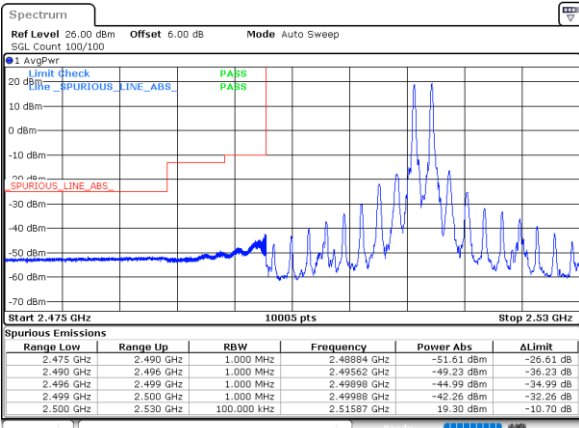
Date: 18.FEB.2023 21:35:00

Highest Band Edge / 1RB0 and 1RB74



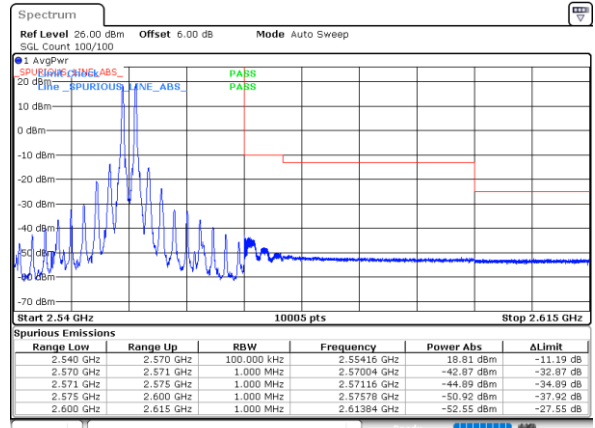
Date: 18.FEB.2023 21:50:11

Lowest Band Edge / 1RB74 and 1RB0



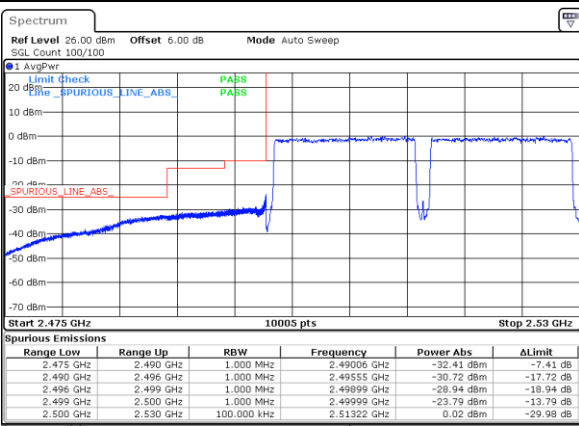
Date: 18.FEB.2023 21:38:58

Highest Band Edge / 1RB74 and 1RB0



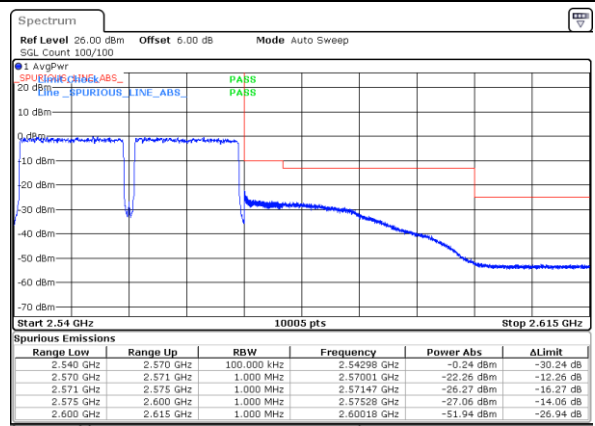
Date: 18.FEB.2023 21:54:09

Lowest Band Edge / Full RB



Date: 18.FEB.2023 21:42:57

Highest Band Edge / Full RB



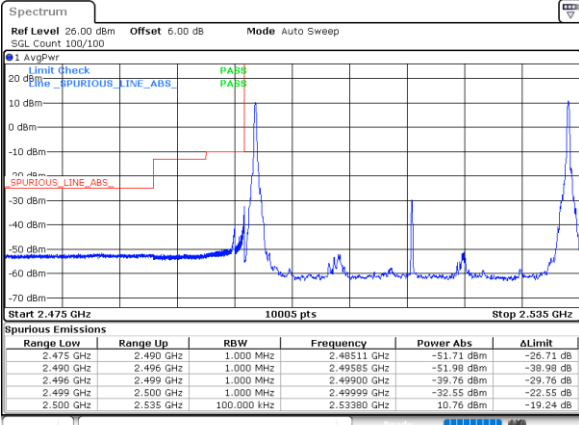
Date: 18.FEB.2023 21:58:08



LTE Band 7 / 15MHz+20MHz

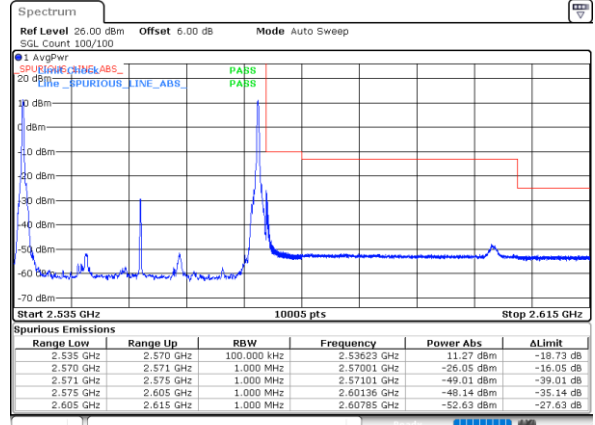
QPSK

Lowest Band Edge / 1RB0 and 1RB9



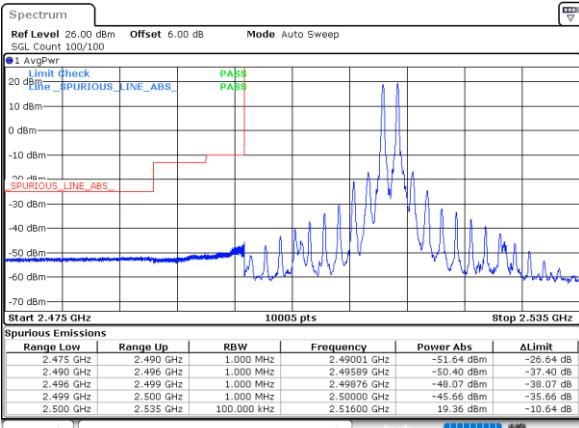
Date: 18.FEB.2023 22:03:41

Highest Band Edge / 1RB0 and 1RB9



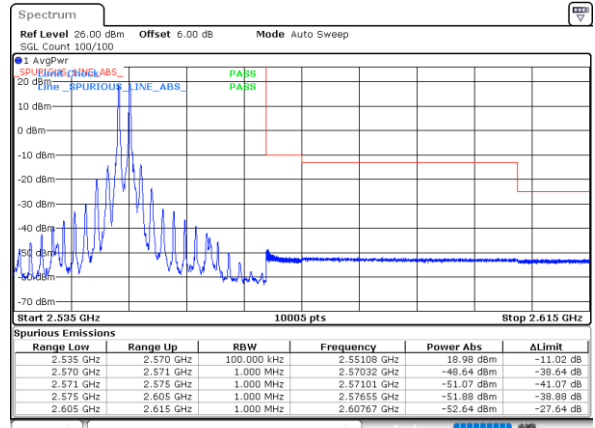
Date: 18.FEB.2023 22:18:59

Lowest Band Edge / 1RB74 and 1RB0



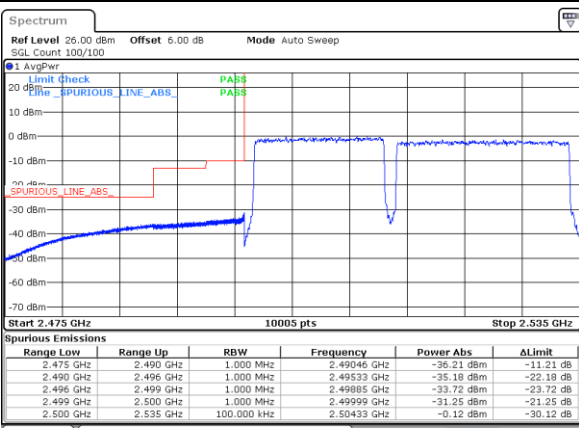
Date: 18.FEB.2023 22:07:41

Highest Band Edge / 1RB74 and 1RB0



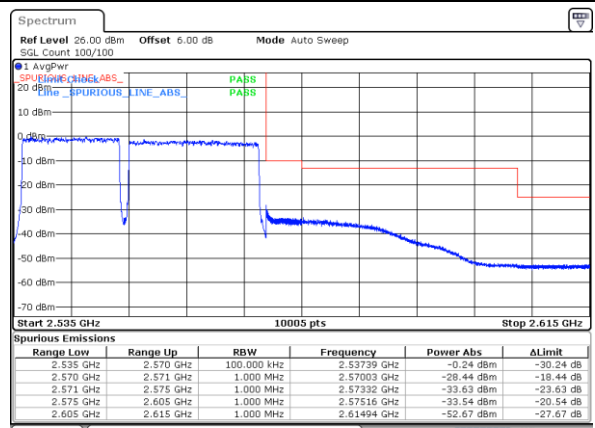
Date: 18.FEB.2023 22:22:57

Lowest Band Edge / Full RB



Date: 18.FEB.2023 22:11:45

Highest Band Edge / Full RB



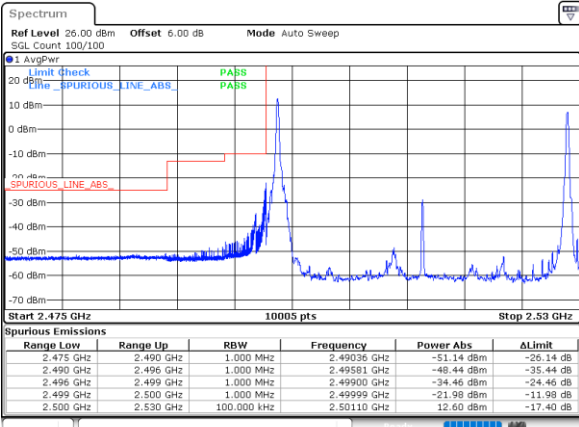
Date: 18.FEB.2023 22:26:55



LTE Band 7 / 20MHz+10MHz

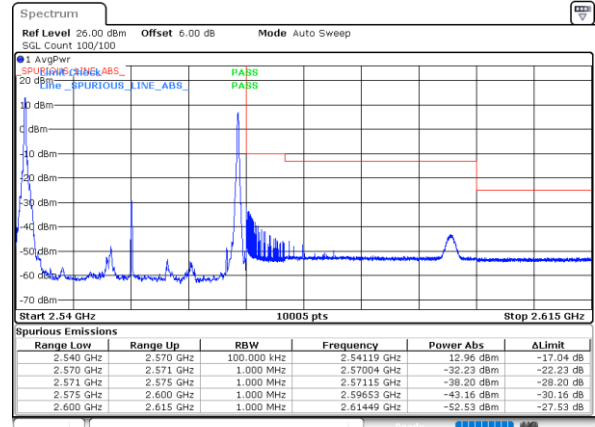
QPSK

Lowest Band Edge / 1RB0 and 1RB74



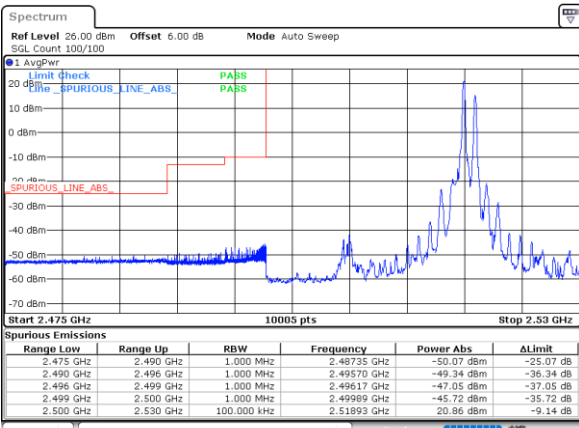
Date: 18.FEB.2023 22:32:30

Highest Band Edge / 1RB0 and 1RB74



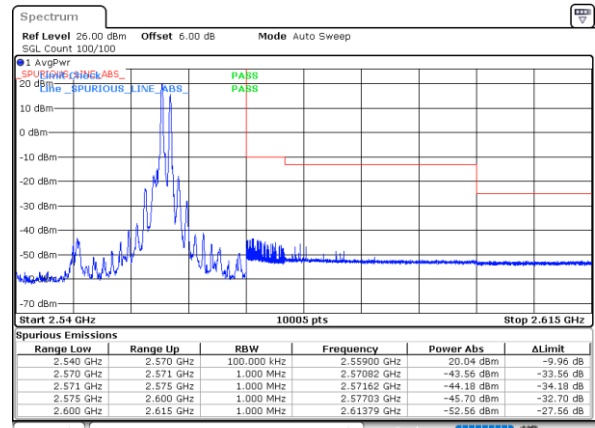
Date: 18.FEB.2023 22:47:38

Lowest Band Edge / 1RB99 and 1RB0



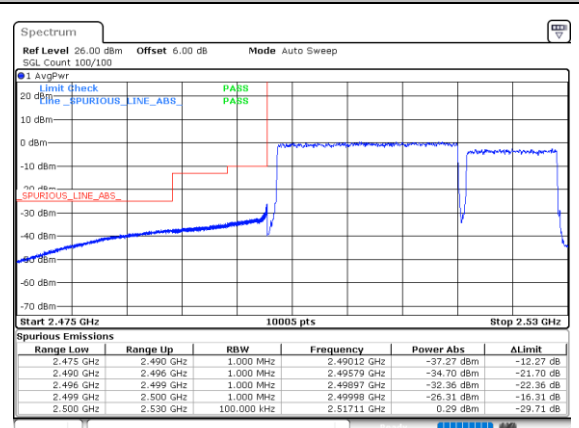
Date: 18.FEB.2023 22:36:29

Highest Band Edge / 1RB99 and 1RB0



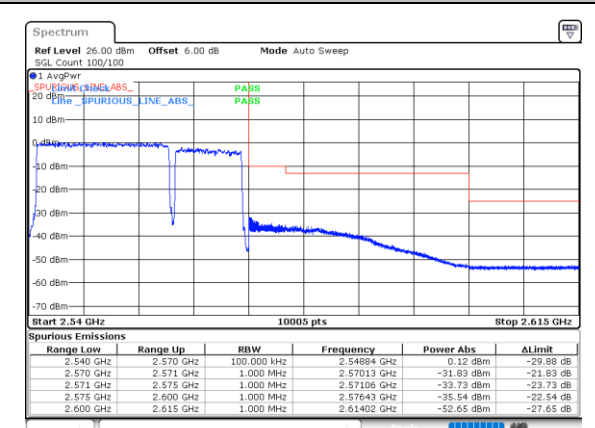
Date: 18.FEB.2023 22:51:37

Lowest Band Edge / Full RB



Date: 18.FEB.2023 22:32:30

Highest Band Edge / Full RB



Date: 18.FEB.2023 22:47:38