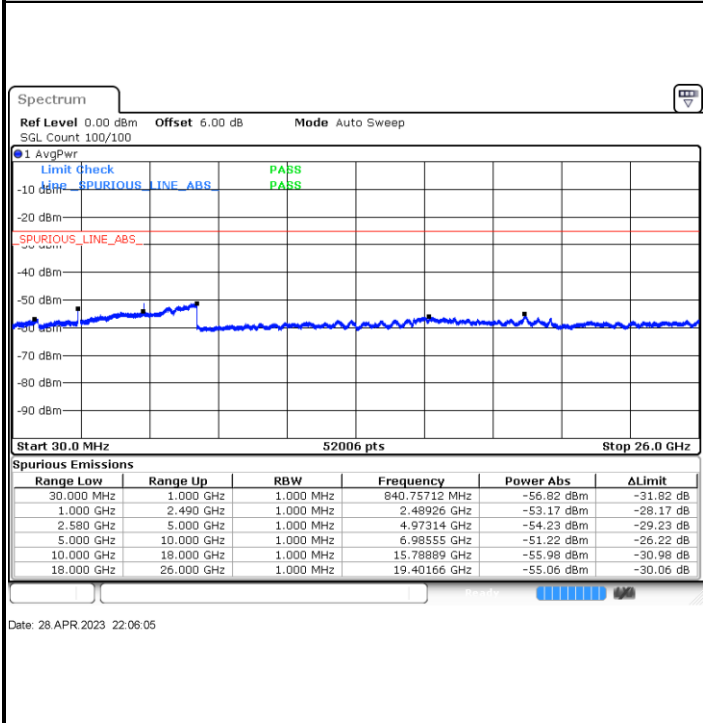


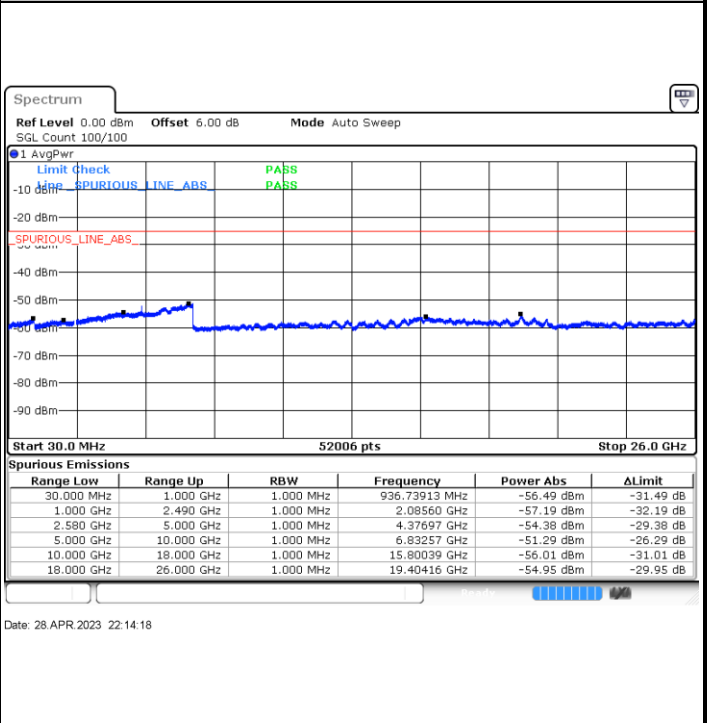


LTE Band 7 / 15MHz

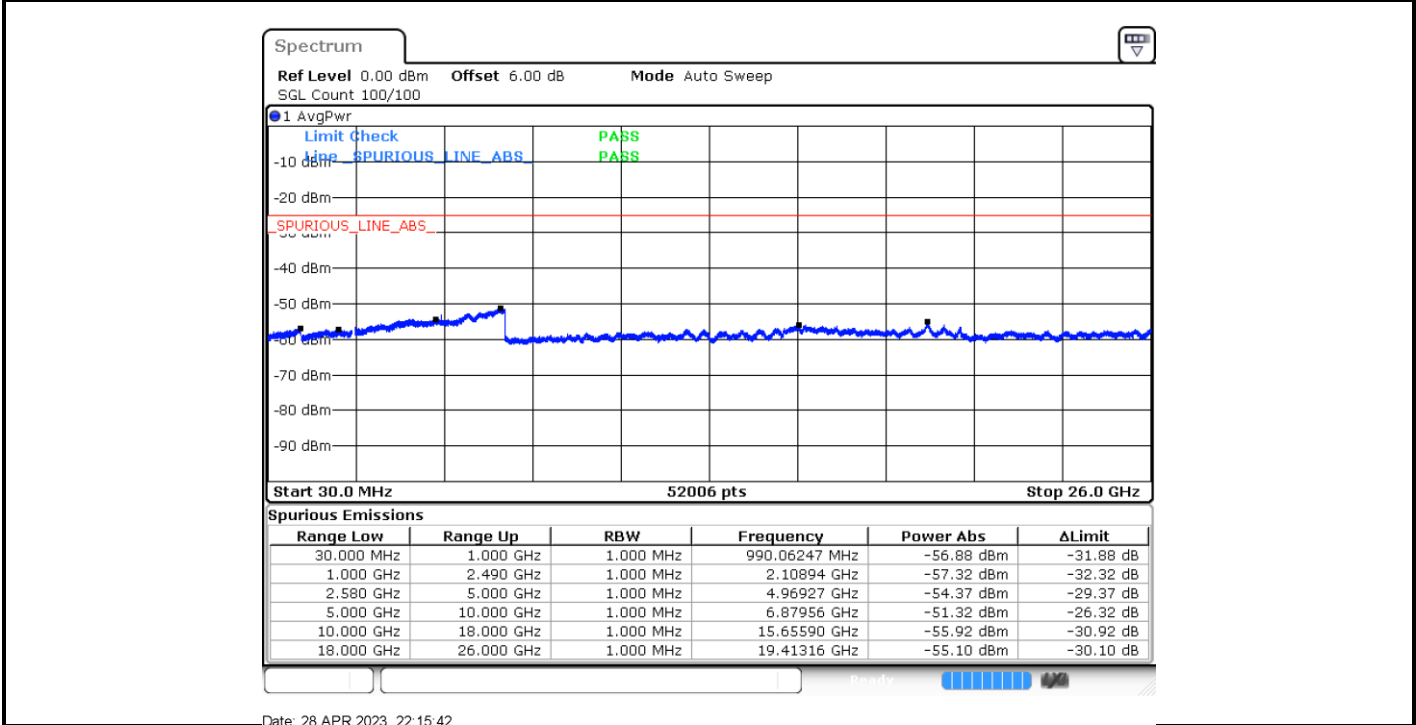
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

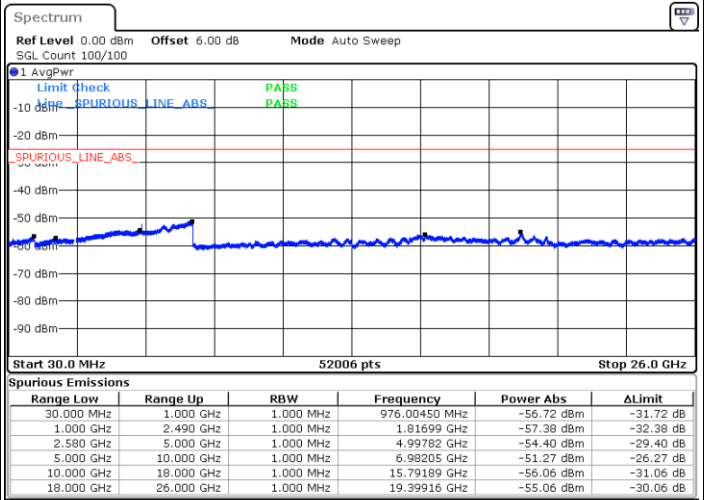
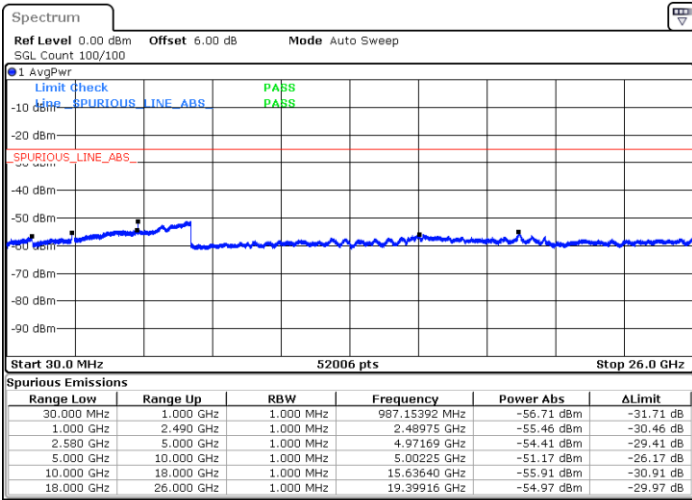




LTE Band 7 / 20MHz

Lowest Channel / QPSK

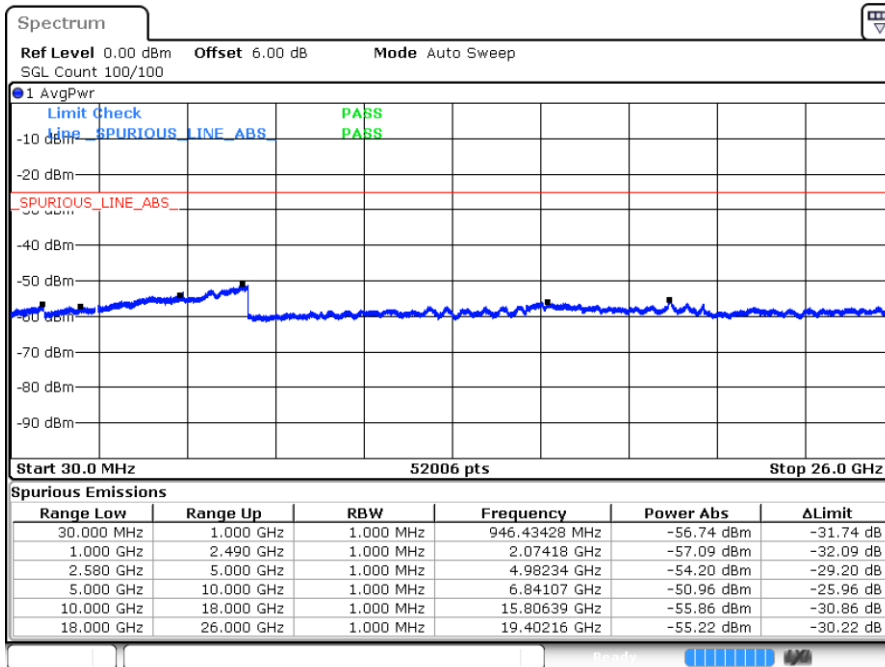
Middle Channel / QPSK



Date: 28 APR 2023 22:23:56

Date: 28 APR 2023 22:32:09

Highest Channel / QPSK



Date: 28 APR 2023 22:33:33



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0023	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0029	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.5V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C

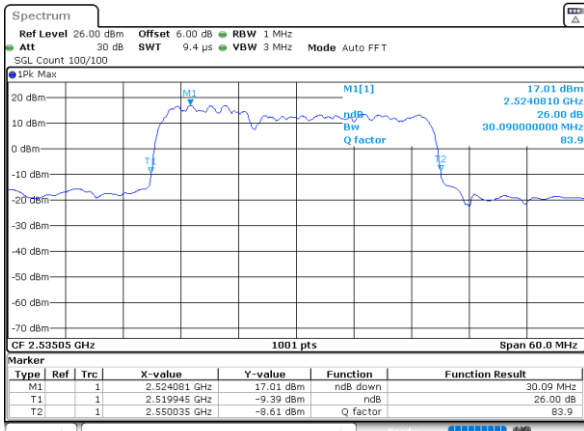
26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	30.09	30.09
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.43	25.43
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.75	30.75
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	35.52	35.18
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.09	30.09
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	34.97	34.90
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	40.12	40.20



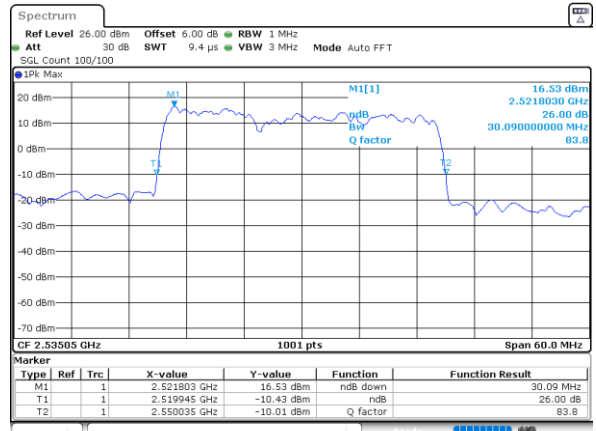
LTE Band 7C

Middle Channel / 10MHz+20MHz / QPSK



Date: 15.APR.2023 11:46:27

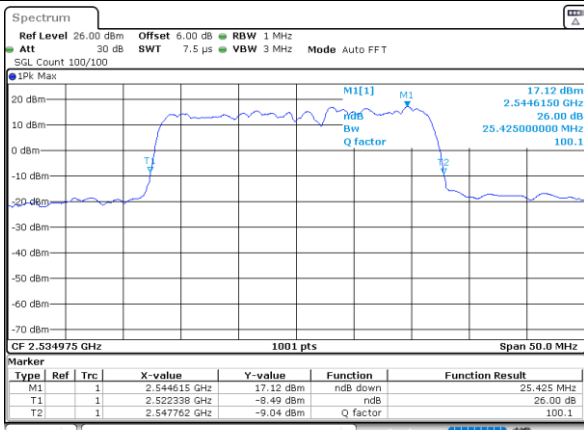
Middle Channel / 10MHz+20MHz / 16QAM



Date: 15.APR.2023 11:46:55

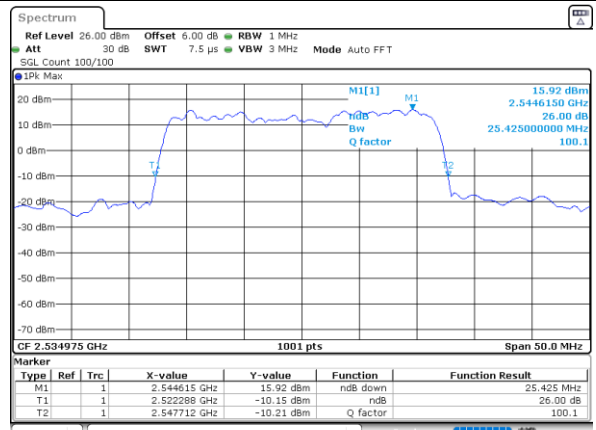
LTE Band 7C

Middle Channel / 15MHz+10MHz / QPSK



Date: 15.APR.2023 12:01:17

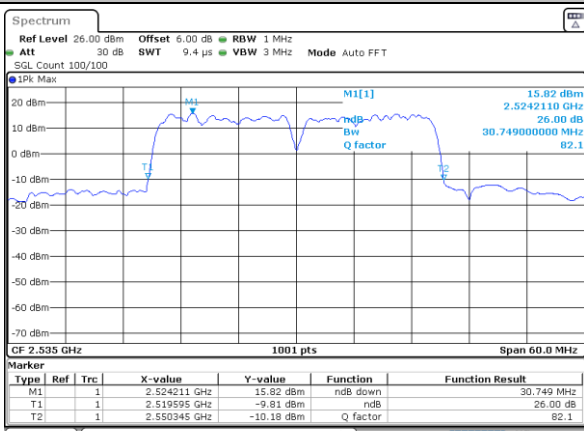
Middle Channel / 15MHz+10MHz / 16QAM



Date: 15.APR.2023 12:01:45

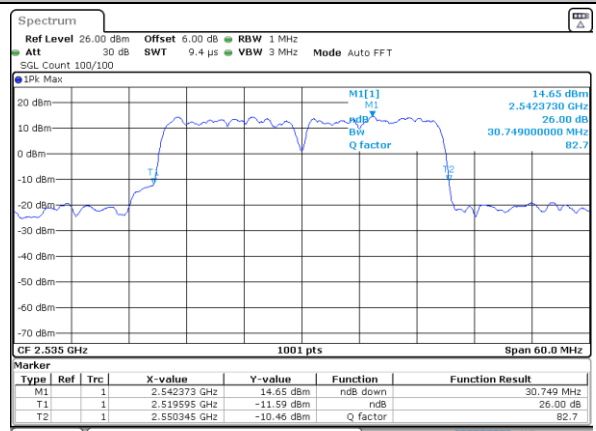
LTE Band 7C

Middle Channel / 15MHz+15MHz / QPSK



Date: 15.APR.2023 11:52:04

Middle Channel / 15MHz+15MHz / 16QAM

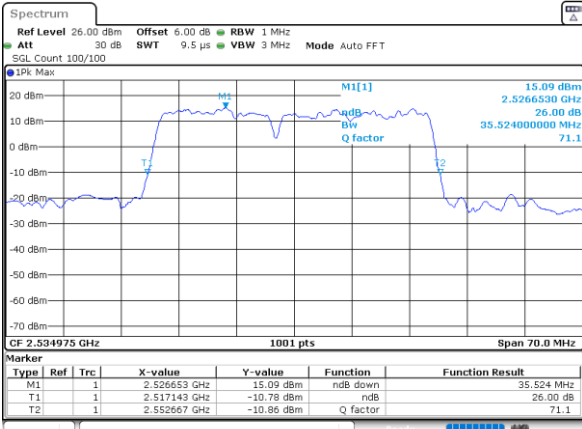


Date: 15.APR.2023 11:52:32



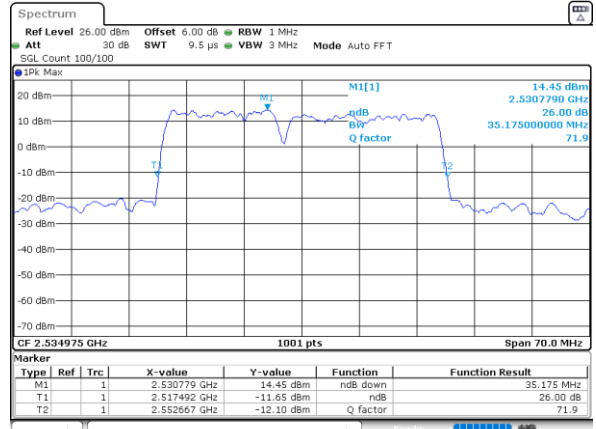
LTE Band 7C

Middle Channel / 15MHz+20MHz / QPSK



Date: 15.APR.2023 11:55:34

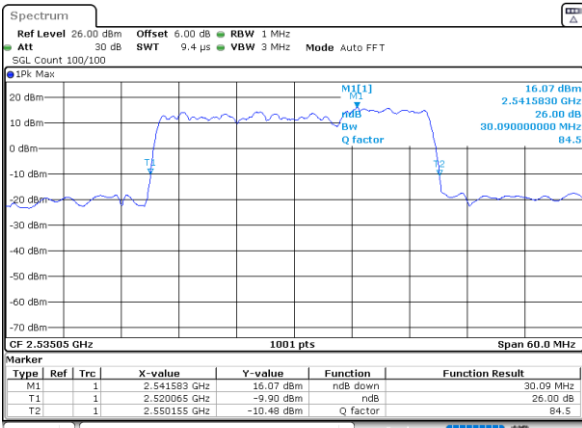
Middle Channel / 15MHz+20MHz / 16QAM



Date: 15.APR.2023 11:56:01

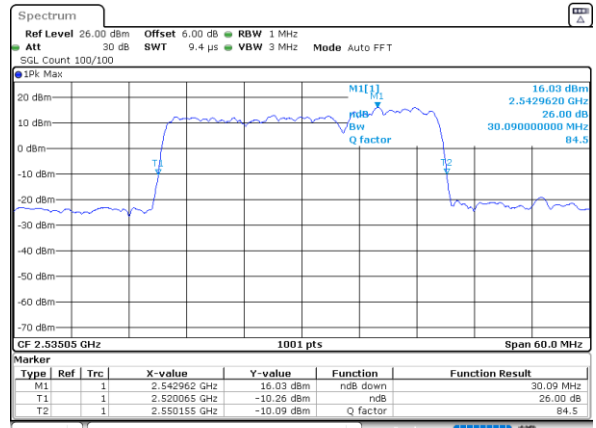
LTE Band 7C

Middle Channel / 20MHz+10MHz / QPSK



Date: 15.APR.2023 11:49:07

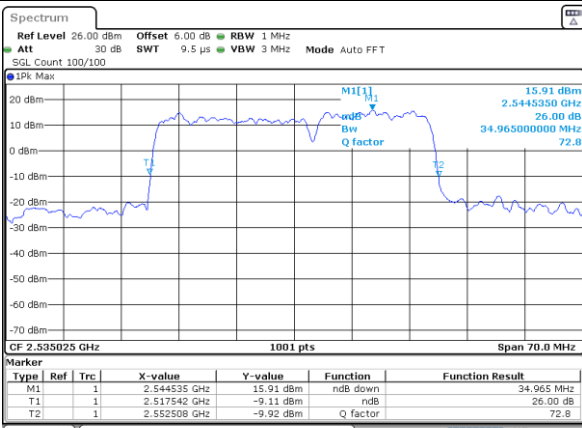
Middle Channel / 20MHz+10MHz / 16QAM



Date: 15.APR.2023 11:49:35

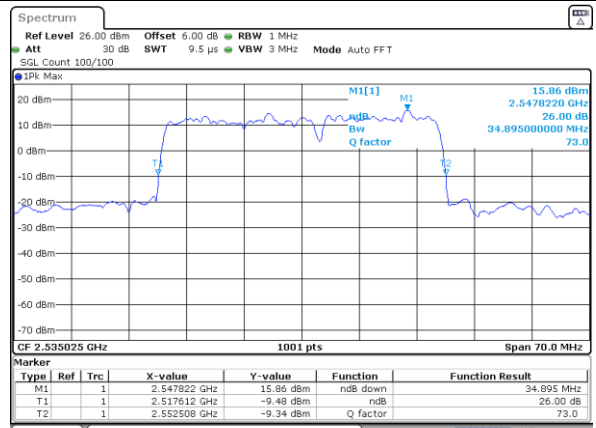
LTE Band 7C

Middle Channel / 20MHz+15MHz / QPSK



Date: 15.APR.2023 11:58:34

Middle Channel / 20MHz+15MHz / 16QAM

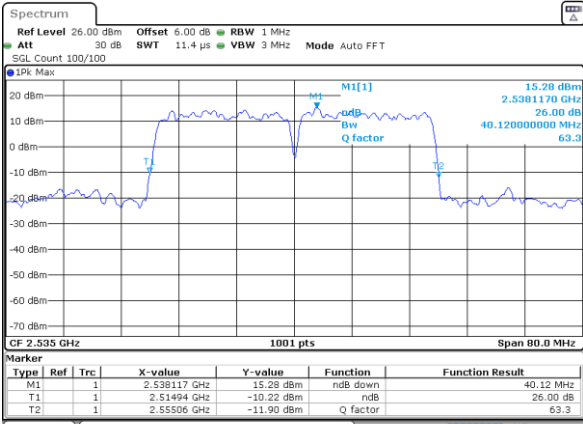


Date: 15.APR.2023 11:59:02



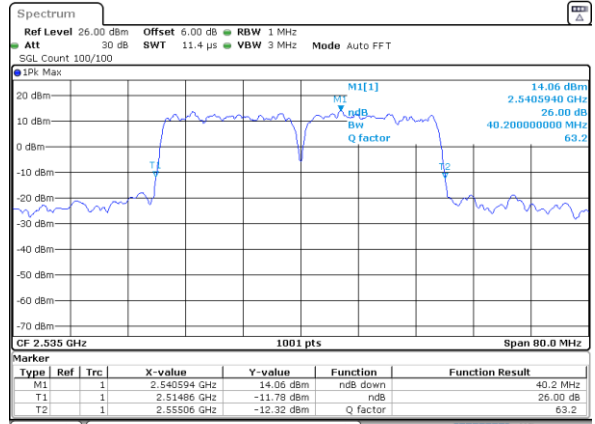
LTE Band 7C

Middle Channel / 20MHz+20MHz / QPSK



Date: 15.APR.2023 11:42:37

Middle Channel / 20MHz+20MHz / 16QAM



Date: 15.APR.2023 11:43:05



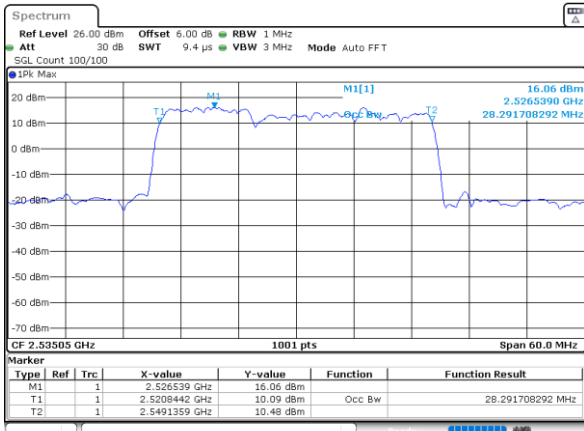
Occupied Bandwidth

Mode	LTE Band 7C : 99%OBW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	28.29	28.11
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.58	23.53
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.95	28.77
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	33.22	32.94
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.13	28.23
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	32.94	32.87
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.72	37.64



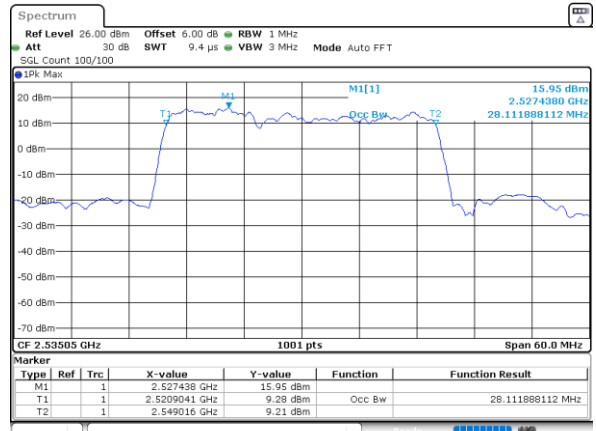
LTE Band 7C

Middle Channel / 10MHz+20MHz / QPSK



Date: 15.APR.2023 11:46:00

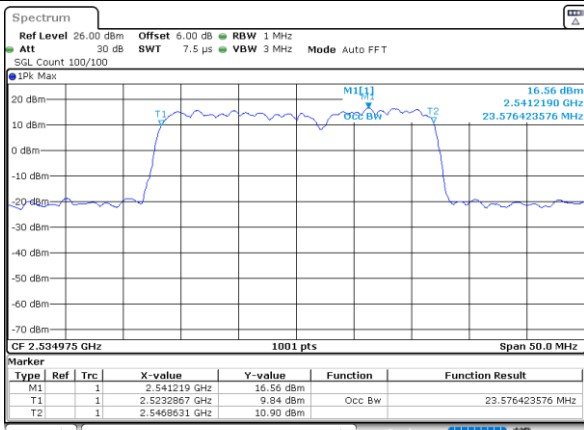
Middle Channel / 10MHz+20MHz / 16QAM



Date: 15.APR.2023 11:47:22

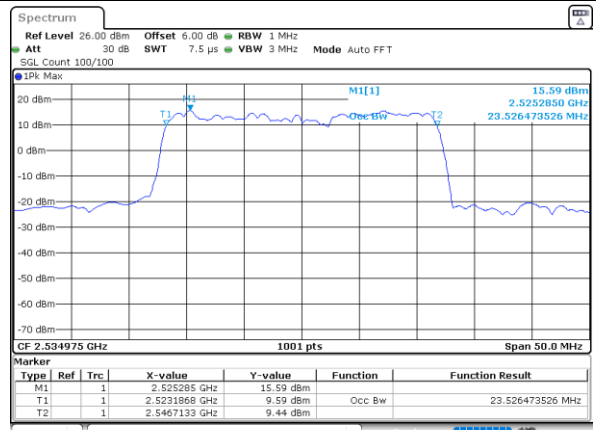
LTE Band 7C

Middle Channel / 15MHz+10MHz / QPSK



Date: 15.APR.2023 12:00:50

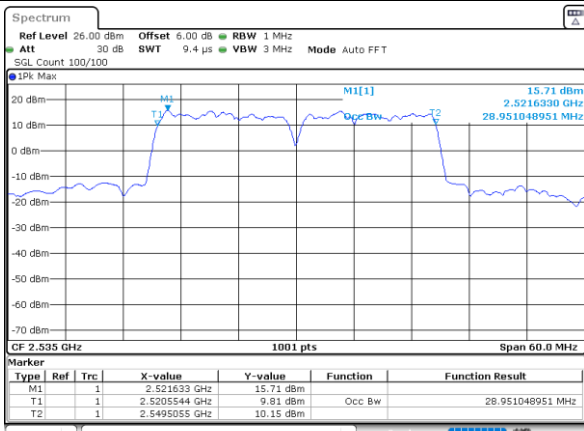
Middle Channel / 15MHz+10MHz / 16QAM



Date: 15.APR.2023 12:02:12

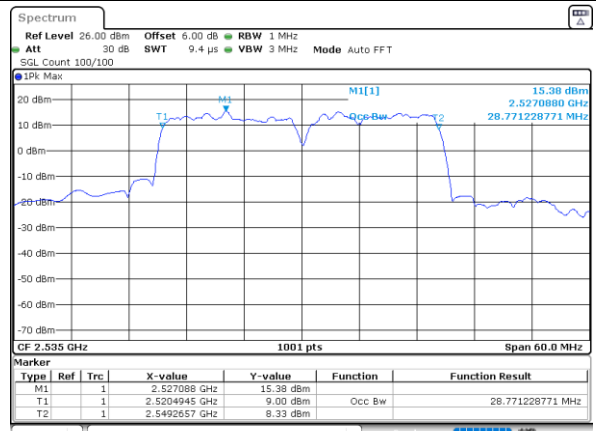
LTE Band 7C

Middle Channel / 15MHz+15MHz / QPSK



Date: 15.APR.2023 11:51:37

Middle Channel / 15MHz+15MHz / 16QAM

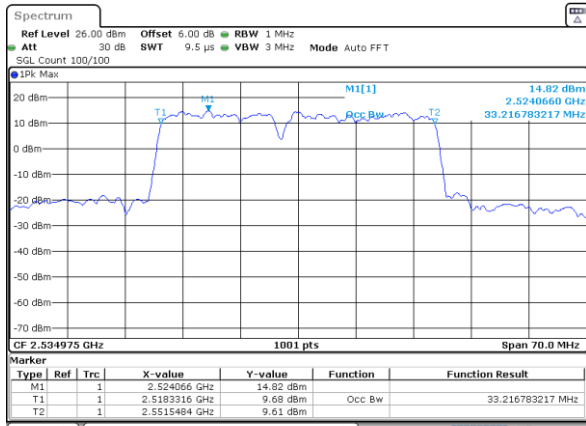


Date: 15.APR.2023 11:52:59



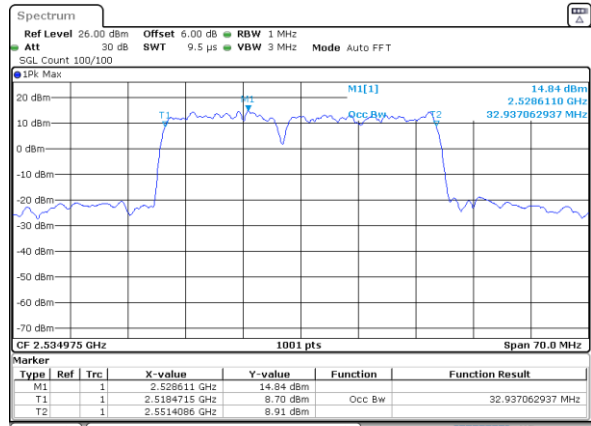
LTE Band 7C

Middle Channel / 15MHz+20MHz / QPSK



Date: 15.APR.2023 11:55:07

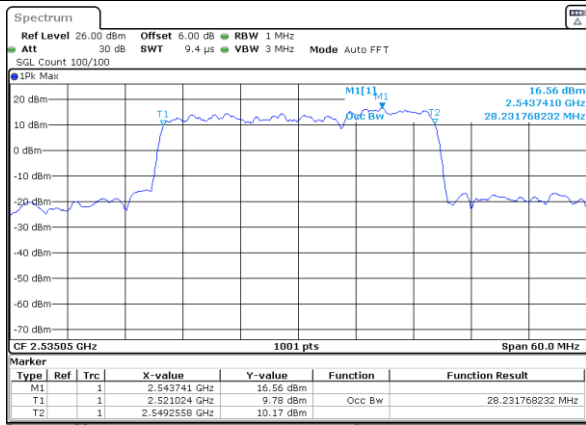
Middle Channel / 15MHz+20MHz / 16QAM



Date: 15.APR.2023 11:56:30

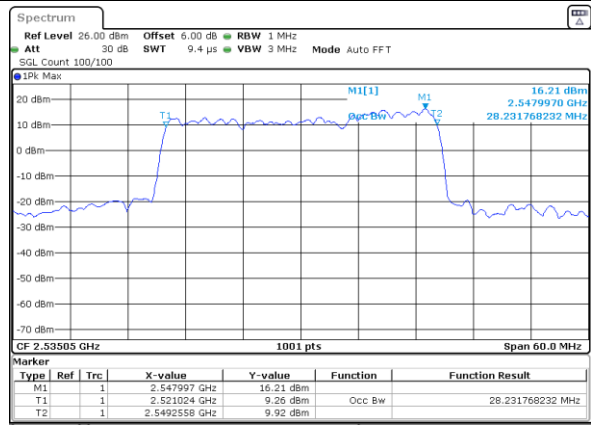
LTE Band 7C

Middle Channel / 20MHz+10MHz / QPSK



Date: 15.APR.2023 11:48:40

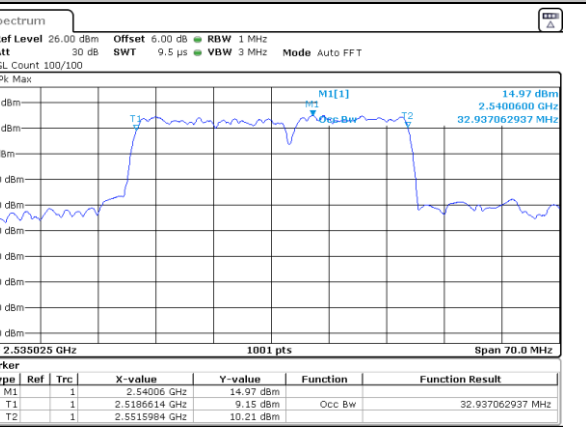
Middle Channel / 20MHz+10MHz / 16QAM



Date: 15.APR.2023 11:50:02

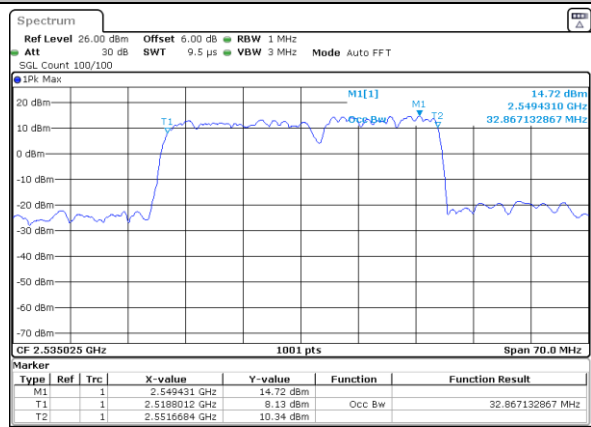
LTE Band 7C

Middle Channel / 20MHz+15MHz / QPSK



Date: 15.APR.2023 11:58:07

Middle Channel / 20MHz+15MHz / 16QAM

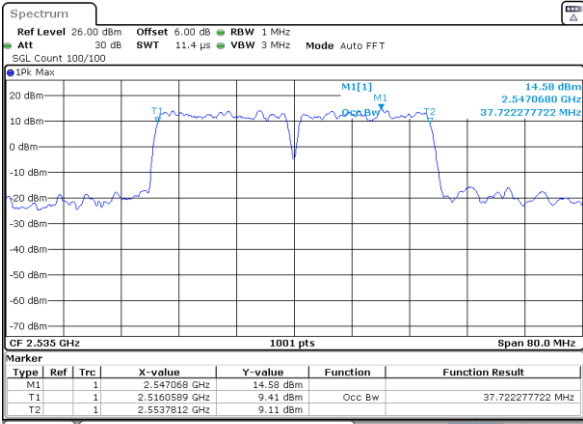


Date: 15.APR.2023 11:59:29



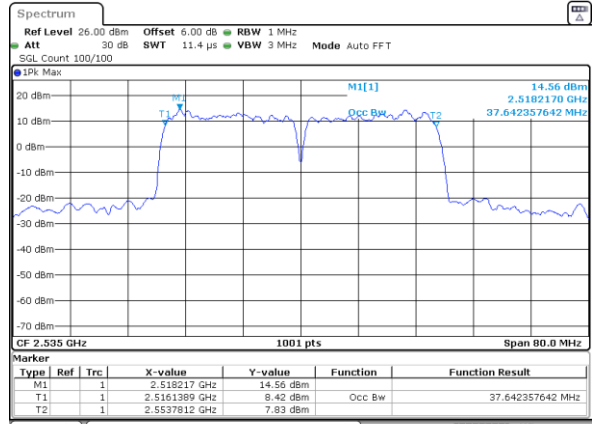
LTE Band 7C

Middle Channel / 20MHz+20MHz / QPSK



Date: 15.APR.2023 11:42:10

Middle Channel / 20MHz+20MHz / 16QAM



Date: 15.APR.2023 11:43:32

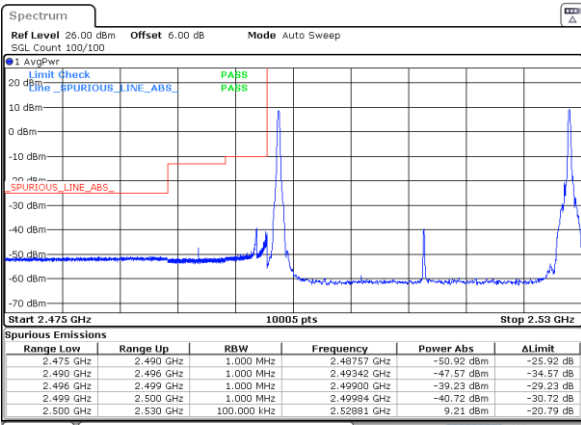


Conducted Band Edge

LTE Band 7C / 10MHz+20MHz

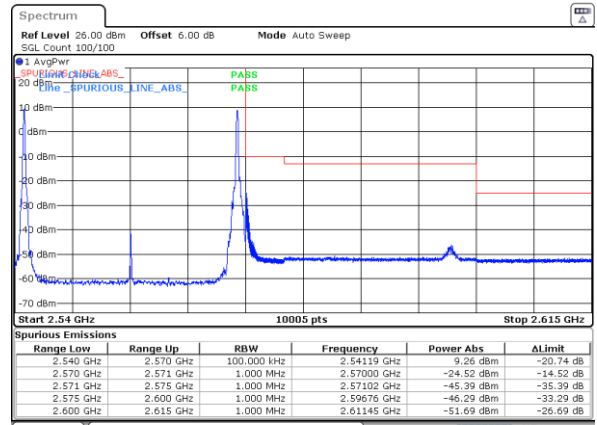
QPSK

Lowest Band Edge / 1RB0 and 1RB99



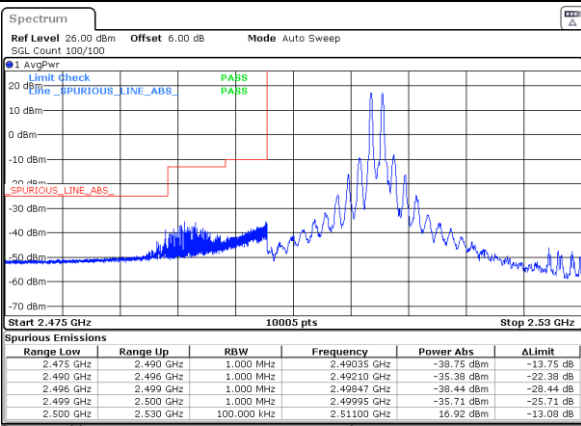
Date: 15.APR.2023 08:30:13

Highest Band Edge / 1RB0 and 1RB99



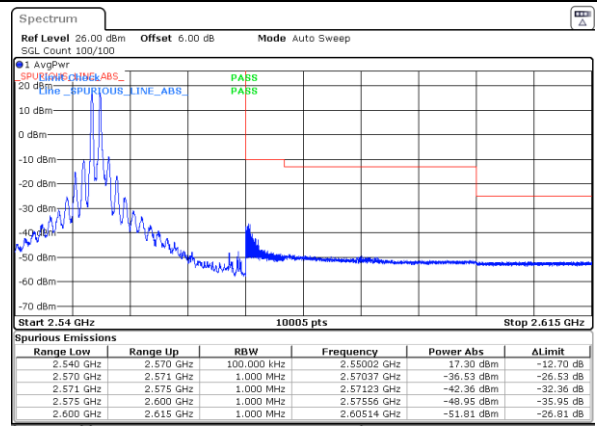
Date: 15.APR.2023 08:46:20

Lowest Band Edge / 1RB49 and 1RB0

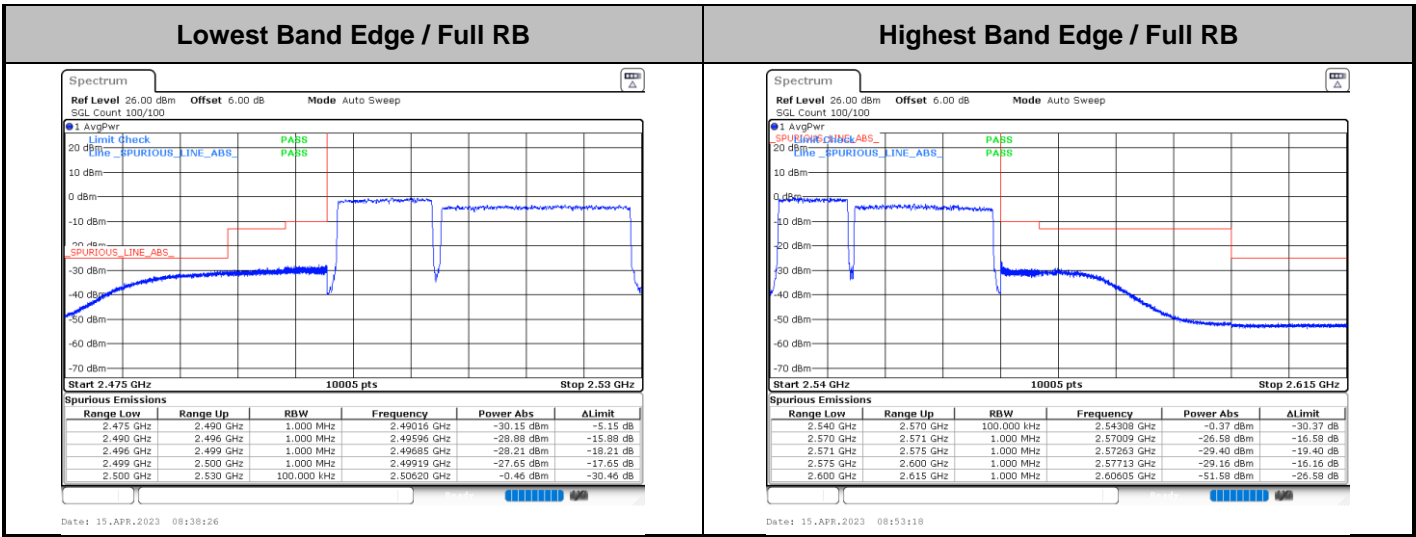


Date: 15.APR.2023 08:34:56

Highest Band Edge / 1RB49 and 1RB0



Date: 15.APR.2023 08:49:49



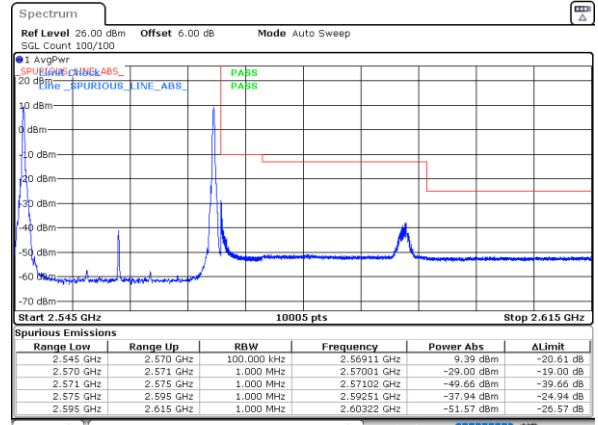
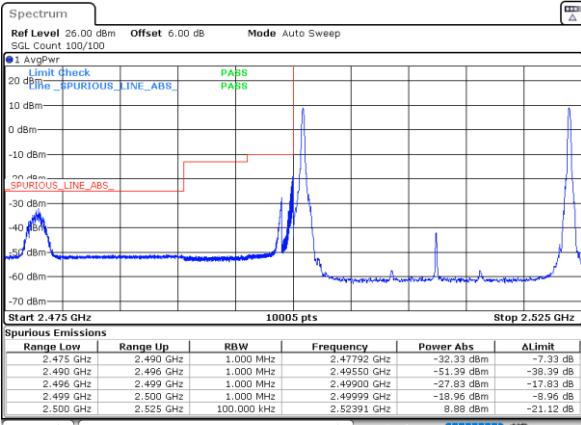


LTE Band 7C / 15MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

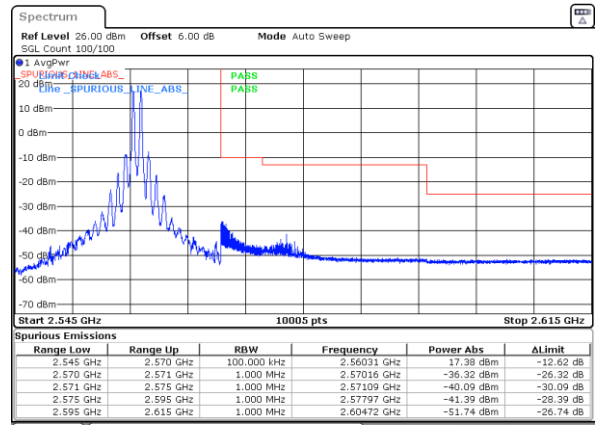
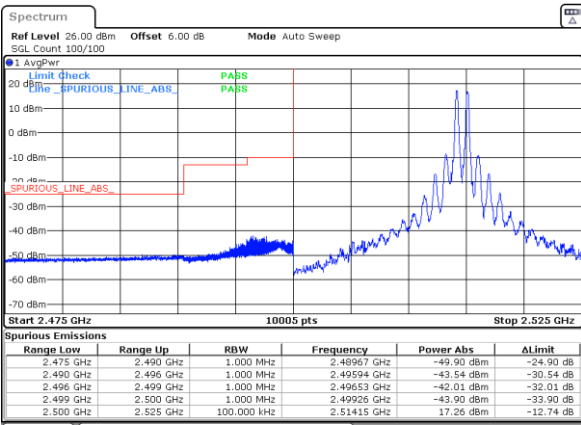


Date: 15.APR.2023 08:59:01

Date: 15.APR.2023 09:13:56

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

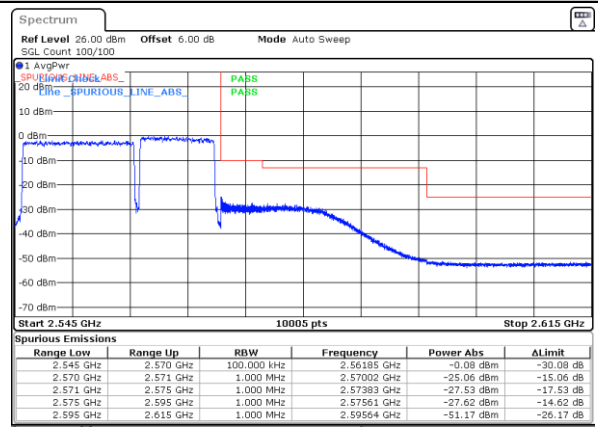
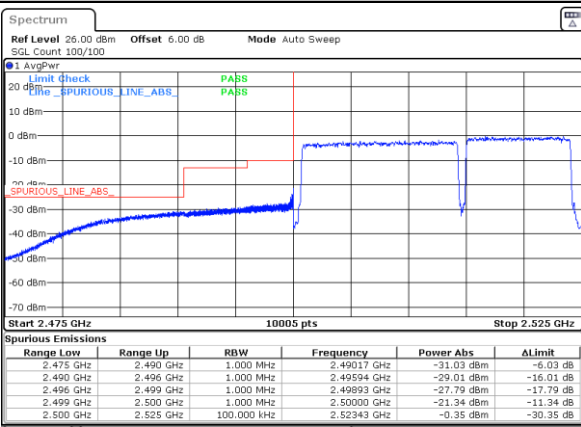


Date: 15.APR.2023 09:02:31

Date: 15.APR.2023 09:17:25

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15.APR.2023 09:06:01

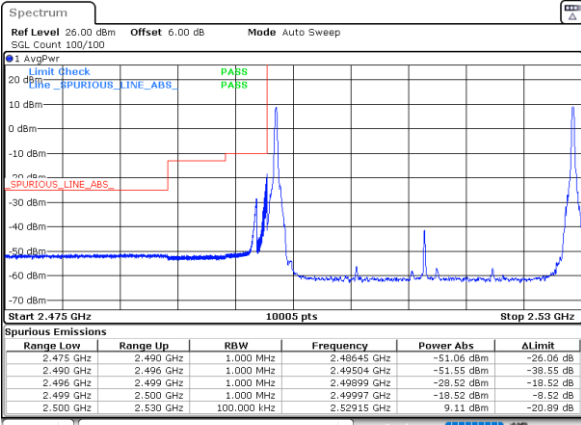
Date: 15.APR.2023 09:20:53



LTE Band 7C / 15MHz+15MHz

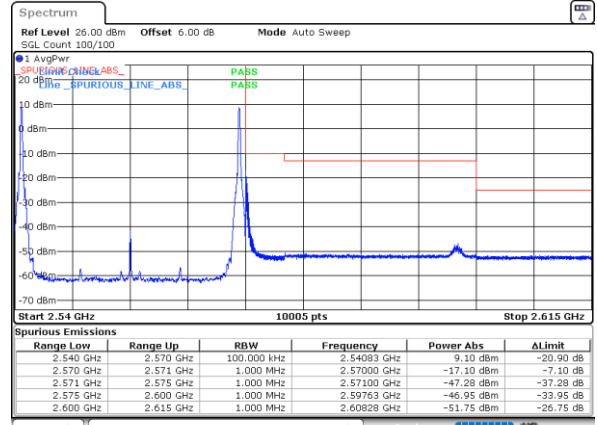
QPSK

Lowest Band Edge / 1RB0 and 1RB74



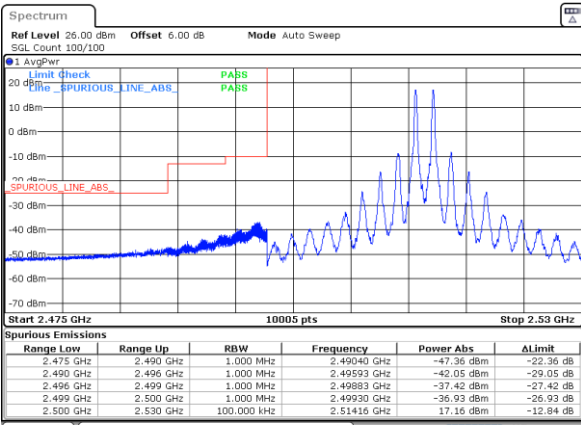
Date: 15.APR.2023 09:26:36

Highest Band Edge / 1RB0 and 1RB74



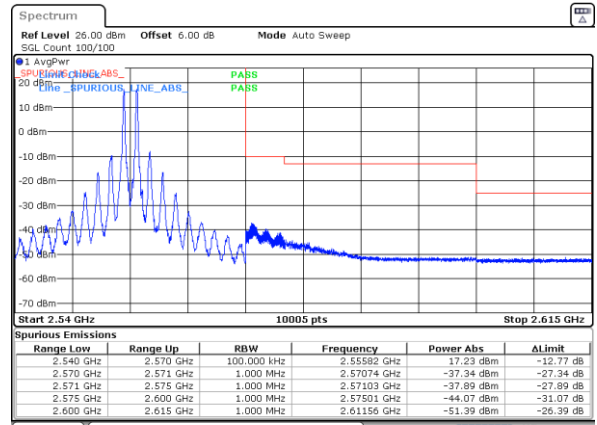
Date: 15.APR.2023 09:41:31

Lowest Band Edge / 1RB74 and 1RB0



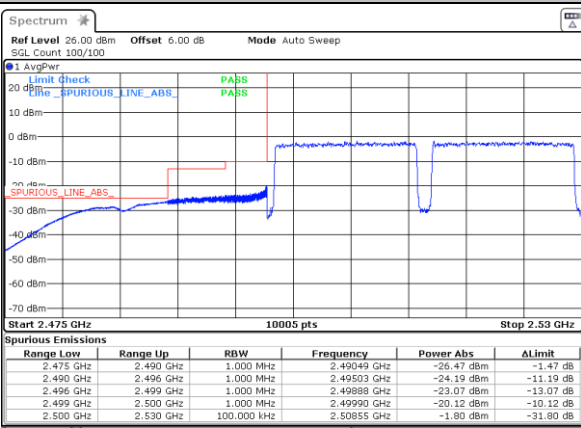
Date: 15.APR.2023 09:30:06

Highest Band Edge / 1RB74 and 1RB0



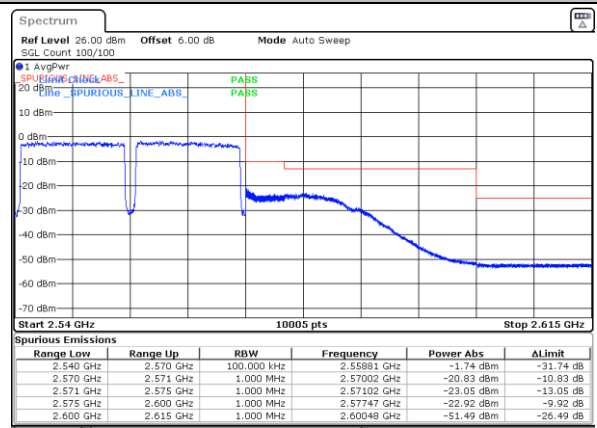
Date: 15.APR.2023 09:45:00

Lowest Band Edge / Full RB



Date: 15.APR.2023 12:06:43

Highest Band Edge / Full RB



Date: 15.APR.2023 09:48:29

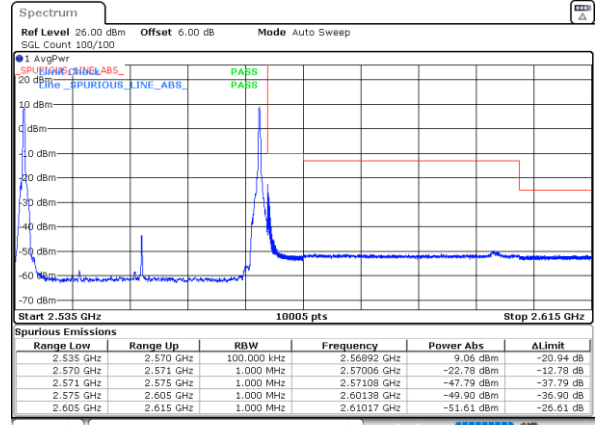
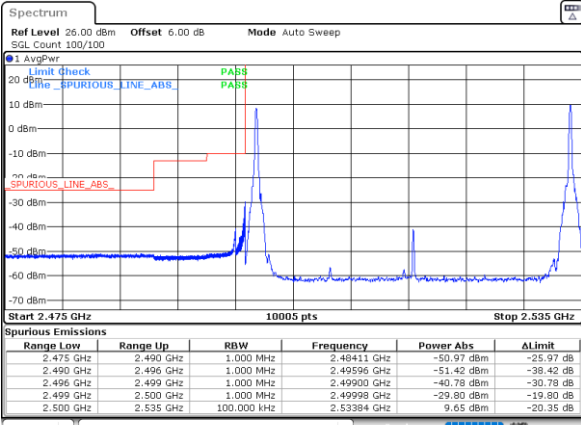


LTE Band 7C / 15MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

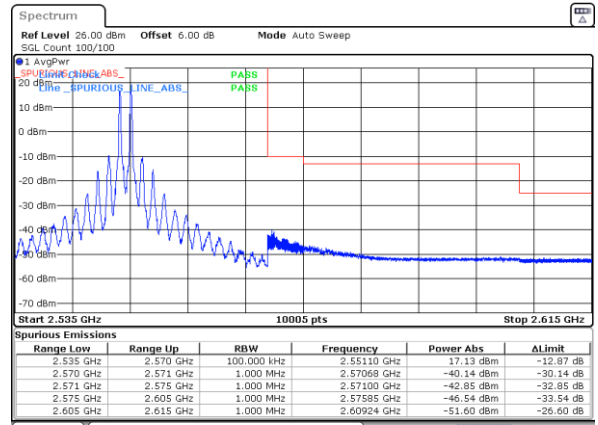
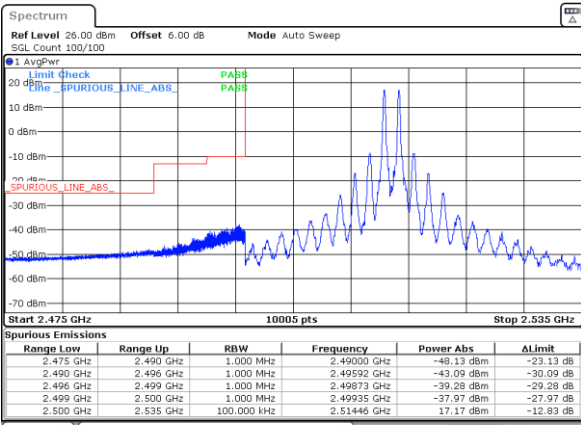


Date: 15.APR.2023 09:54:11

Date: 15.APR.2023 10:09:08

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

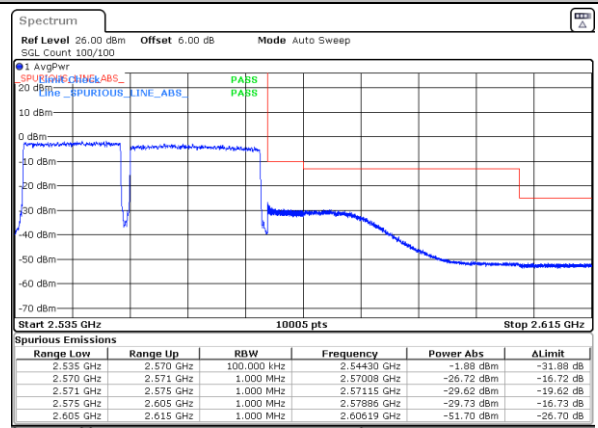
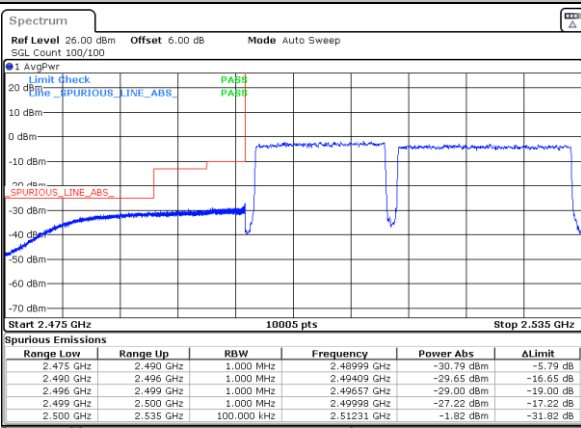


Date: 15.APR.2023 09:57:42

Date: 15.APR.2023 10:12:37

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15.APR.2023 10:01:12

Date: 15.APR.2023 10:16:06

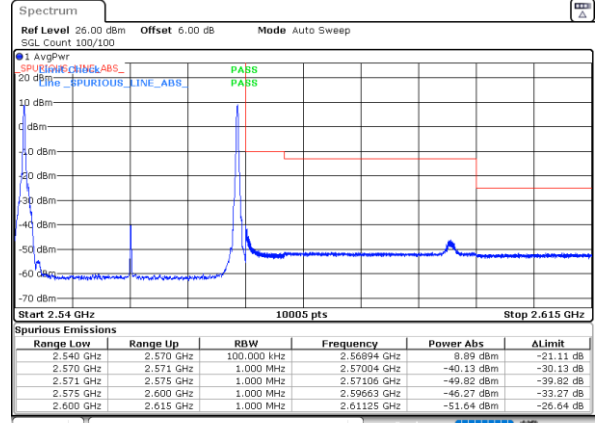
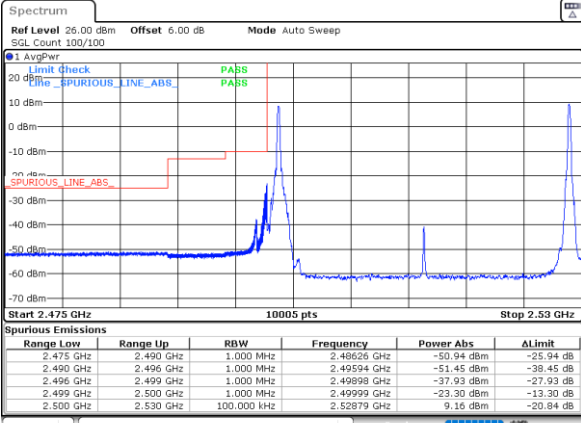


LTE Band 7C / 20MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

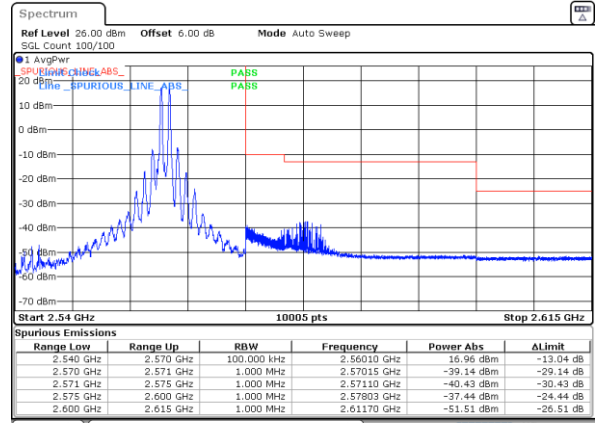
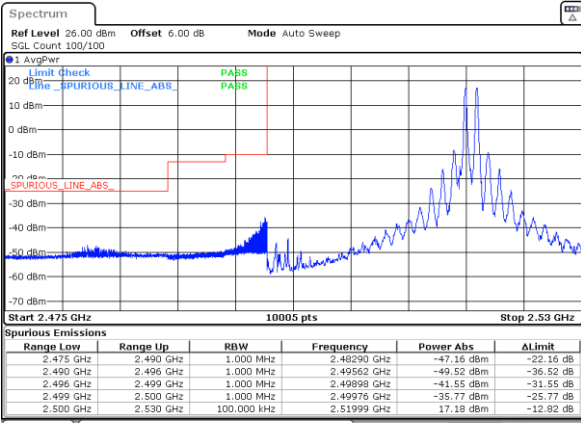


Date: 15.APR.2023 10:21:49

Date: 15.APR.2023 10:36:46

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

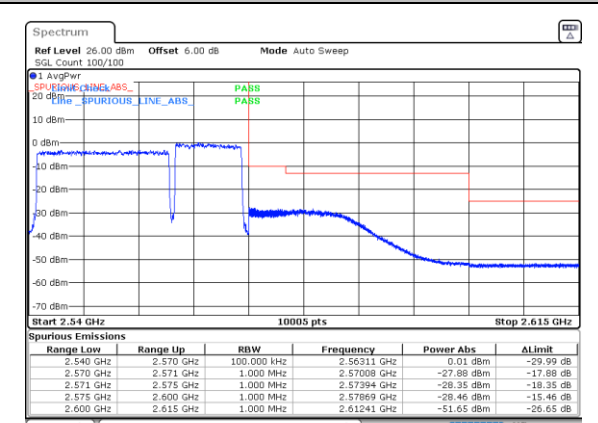
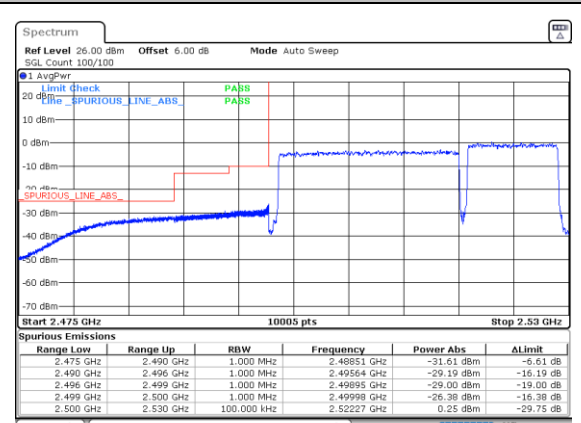


Date: 15.APR.2023 10:25:19

Date: 15.APR.2023 10:40:14

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



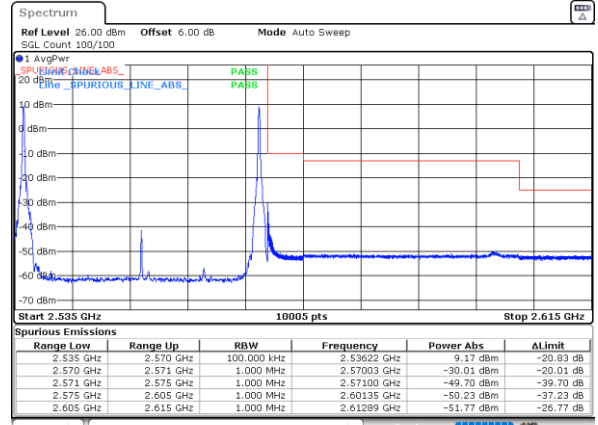
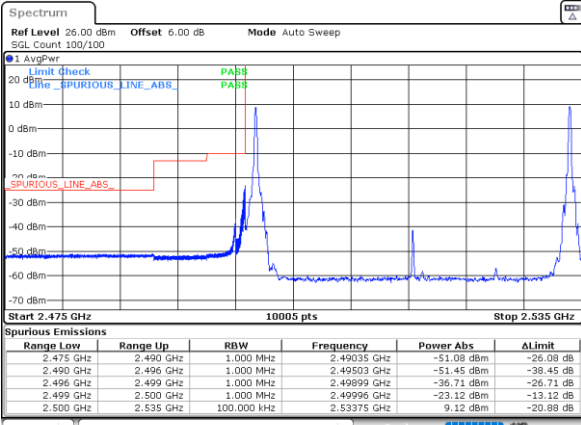


LTE Band 7C / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

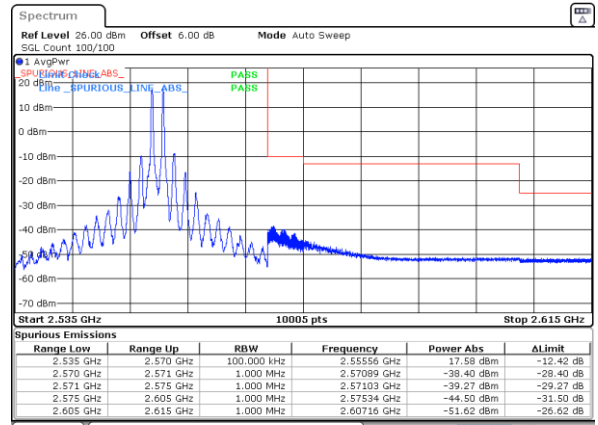
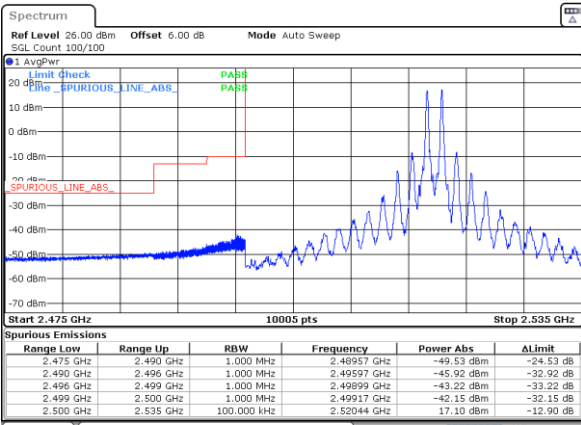


Date: 15_APR.2023 10:49:27

Date: 15_APR.2023 11:04:23

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

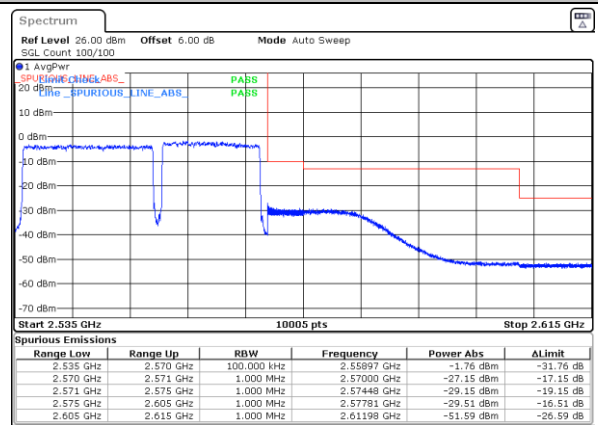
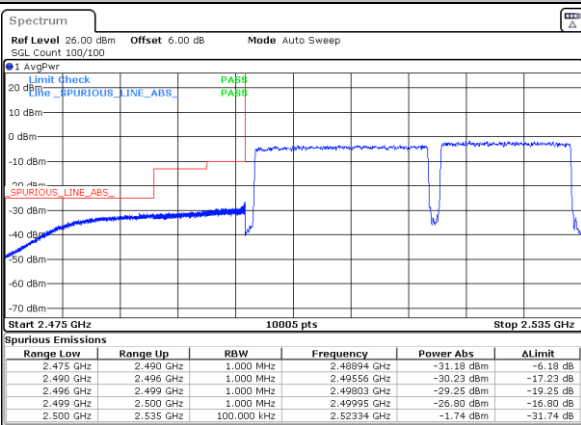


Date: 15_APR.2023 10:52:56

Date: 15_APR.2023 11:07:52

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15_APR.2023 10:56:27

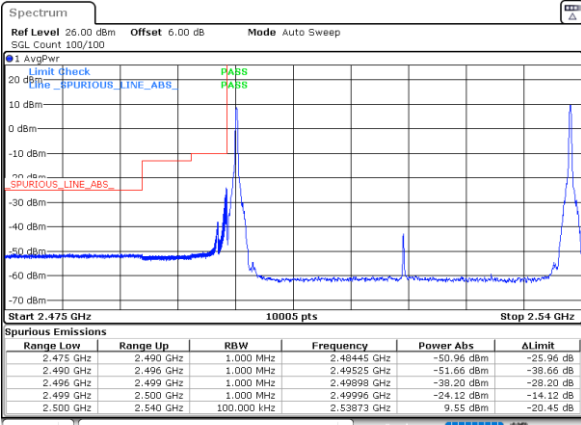
Date: 15_APR.2023 11:11:22



LTE Band 7C / 20MHz+20MHz

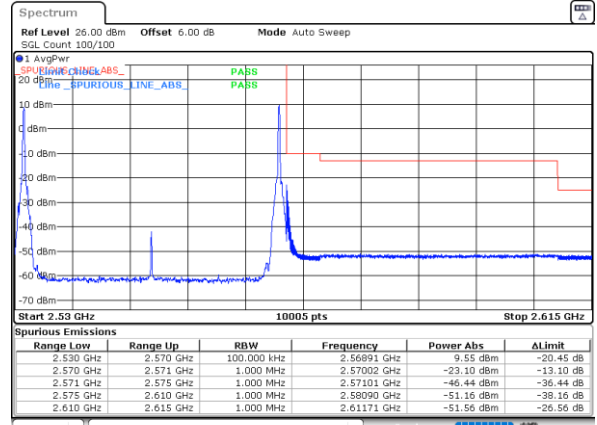
QPSK

Lowest Band Edge / 1RB0 and 1RB9



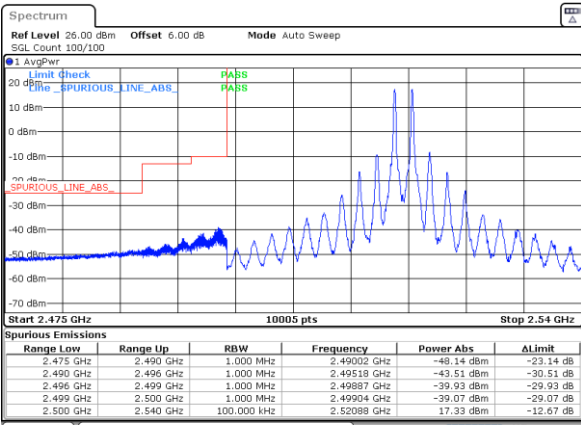
Date: 15.APR.2023 11:17:05

Highest Band Edge / 1RB0 and 1RB9



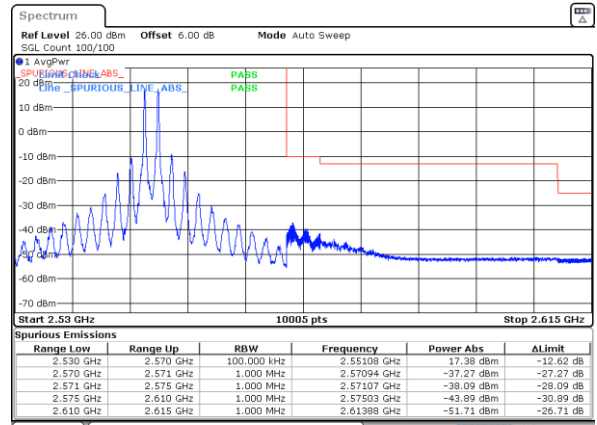
Date: 15.APR.2023 11:32:01

Lowest Band Edge / 1RB99 and 1RB0



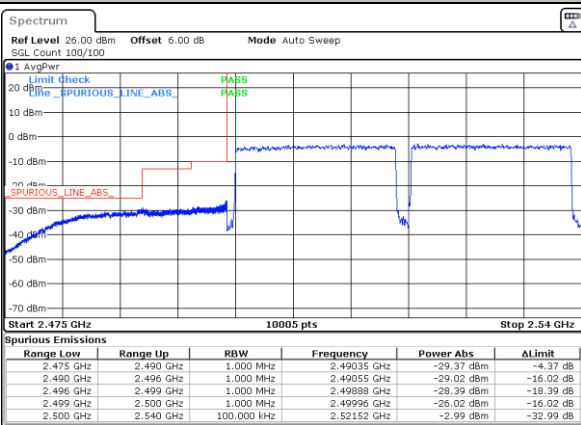
Date: 15.APR.2023 11:20:35

Highest Band Edge / 1RB99 and 1RB0



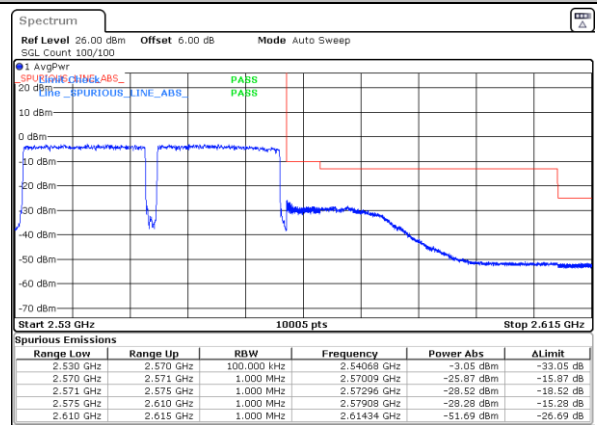
Date: 15.APR.2023 11:35:29

Lowest Band Edge / Full RB



Date: 15.APR.2023 11:24:05

Highest Band Edge / Full RB



Date: 15.APR.2023 11:39:00

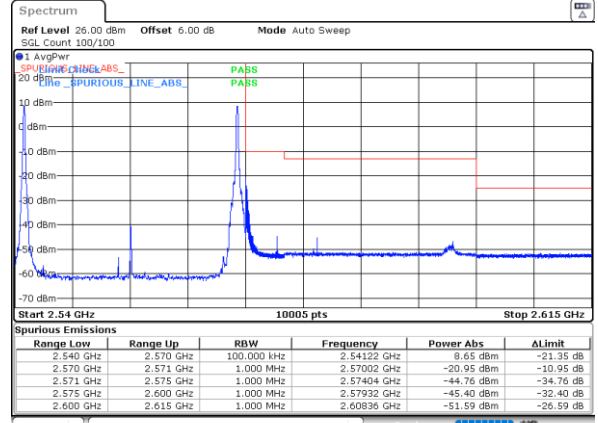
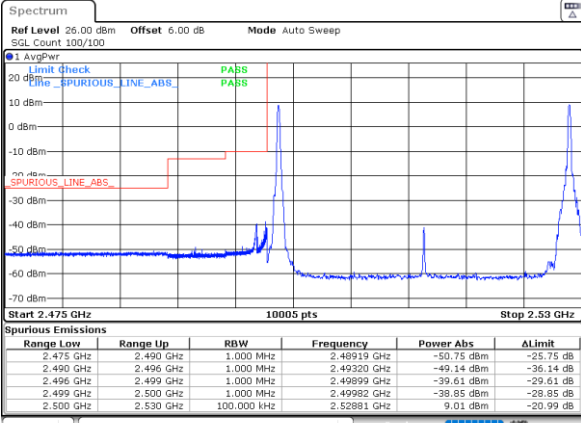


LTE Band 7C / 10MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

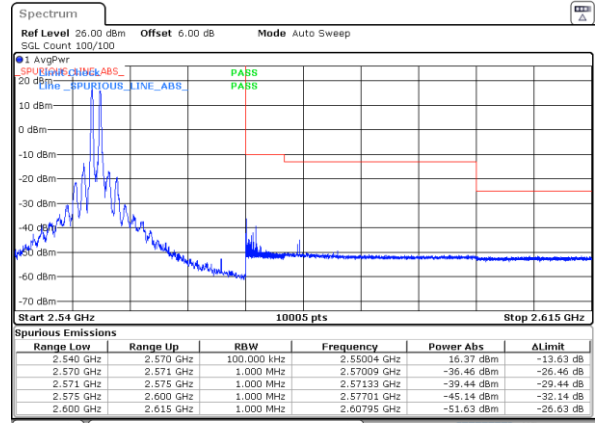
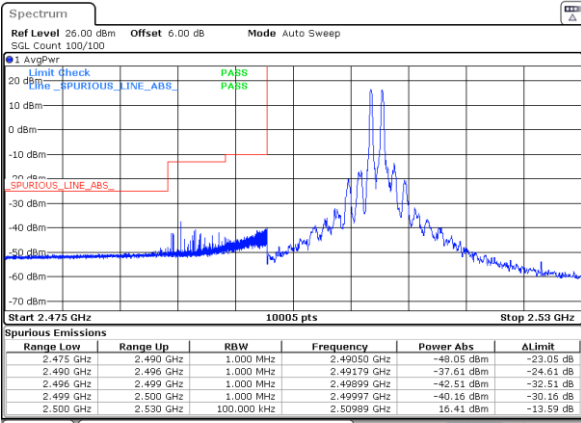


Date: 15.APR.2023 08:32:19

Date: 15.APR.2023 08:47:12

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

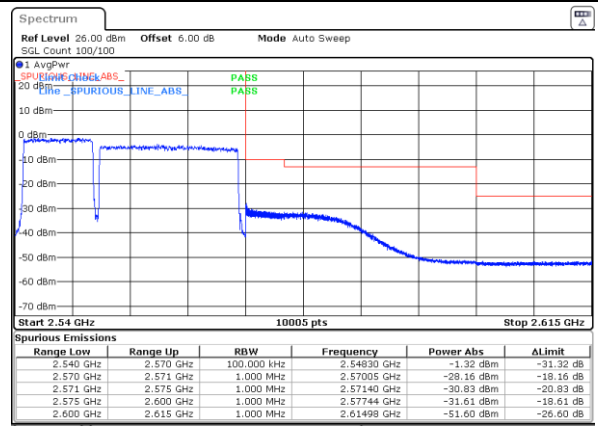
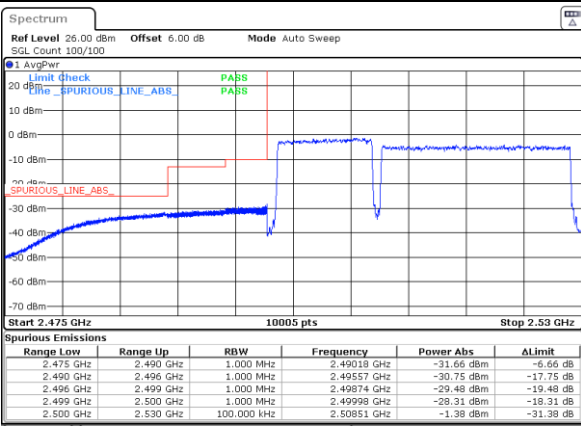


Date: 15.APR.2023 08:35:48

Date: 15.APR.2023 08:50:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15.APR.2023 08:39:18

Date: 15.APR.2023 08:54:10

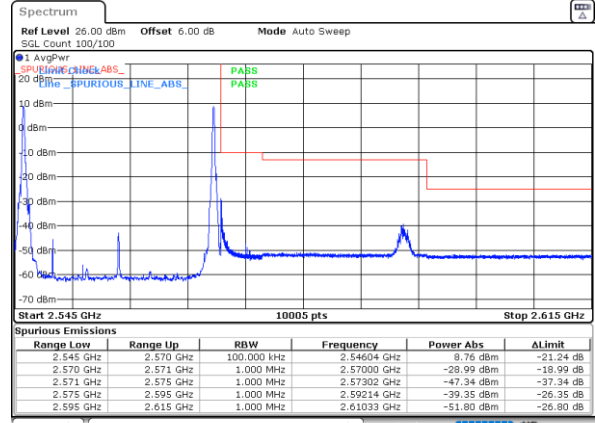
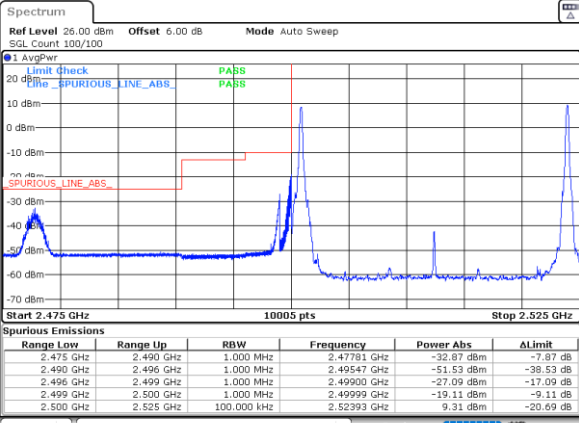


LTE Band 7C / 15MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

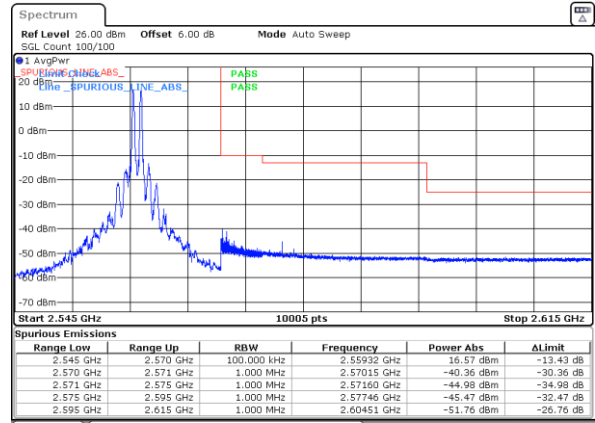
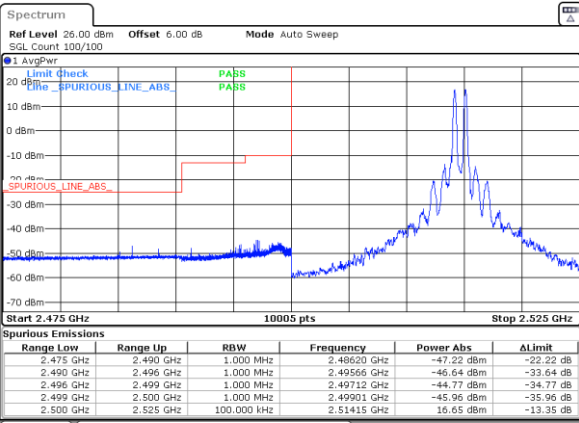


Date: 15.APR.2023 08:59:54

Date: 15.APR.2023 09:14:48

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

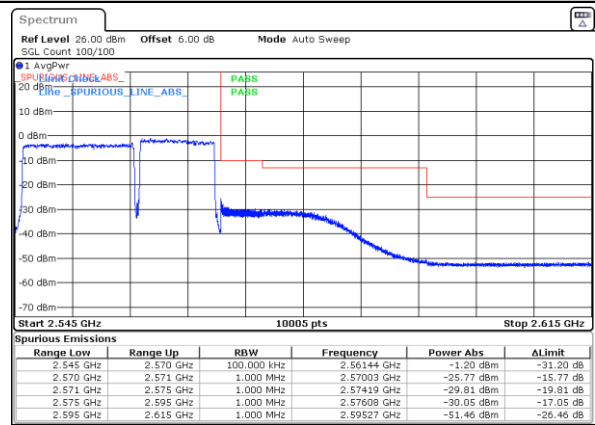
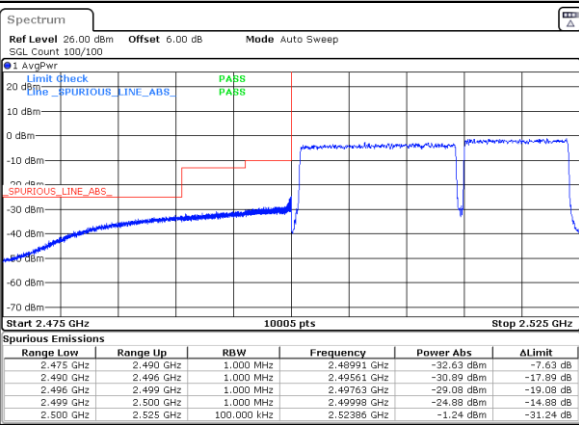


Date: 15.APR.2023 09:03:23

Date: 15.APR.2023 09:18:16

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15.APR.2023 09:06:53

Date: 15.APR.2023 09:21:45

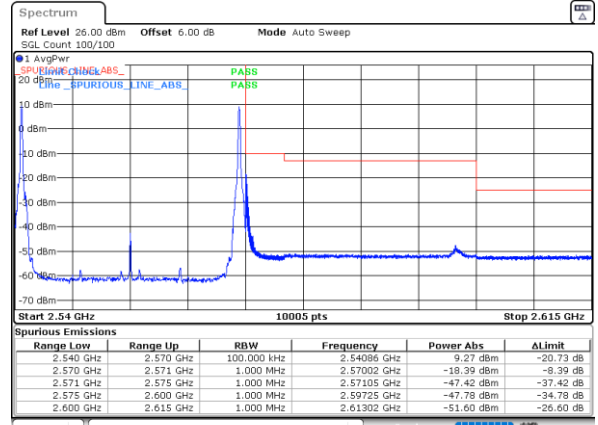
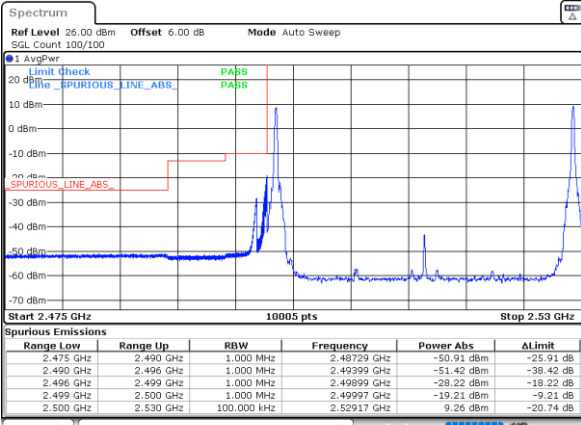


LTE Band 7C / 15MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

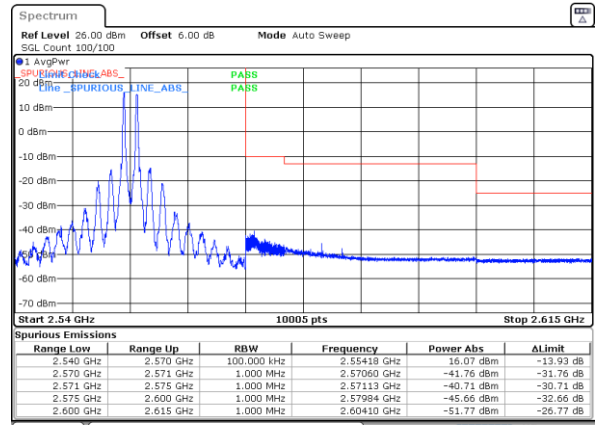
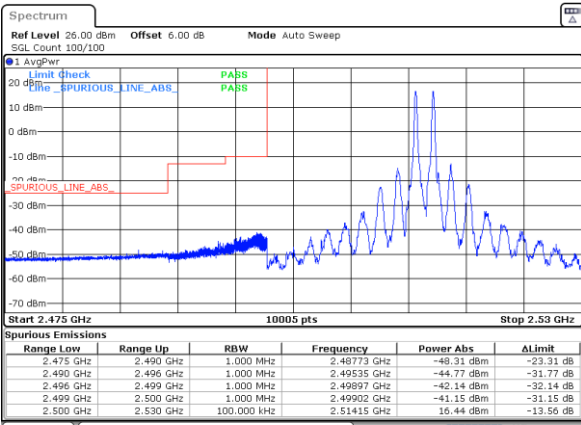


Date: 15.APR.2023 09:27:28

Date: 15.APR.2023 09:42:23

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

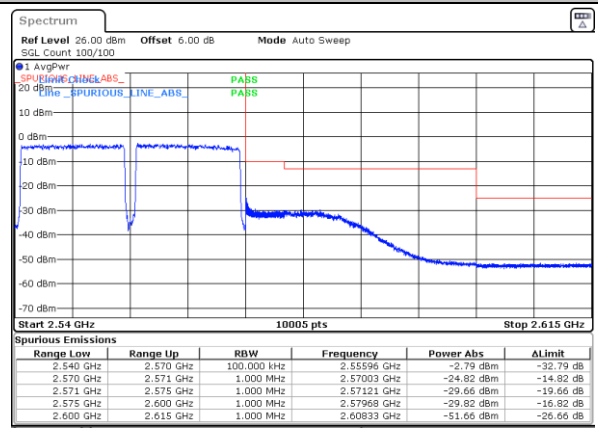
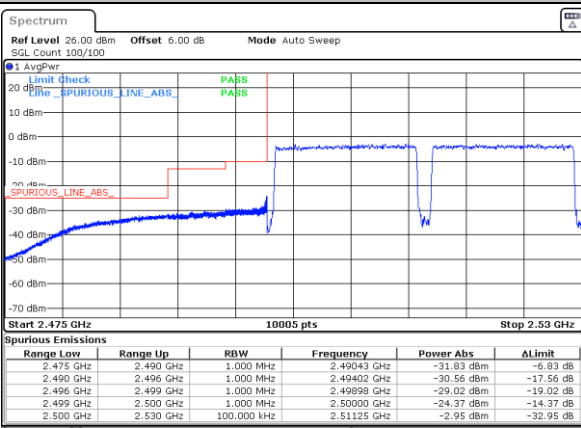


Date: 15.APR.2023 09:30:58

Date: 15.APR.2023 09:45:52

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15.APR.2023 09:34:28

Date: 15.APR.2023 09:49:21

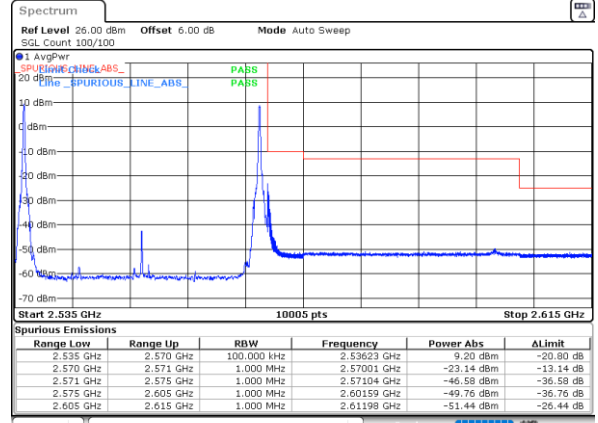
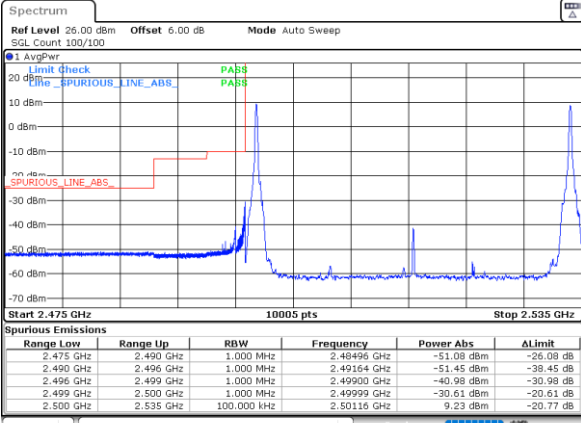


LTE Band 7C / 15MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

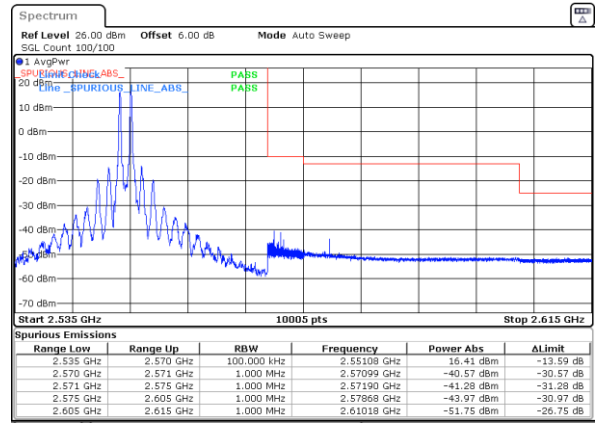
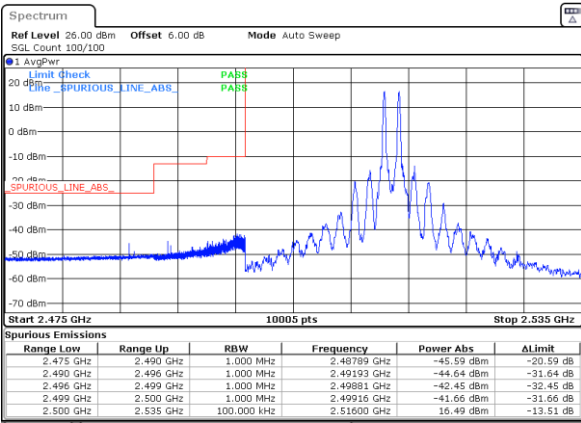


Date: 15.APR.2023 09:55:04

Date: 15.APR.2023 10:10:00

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

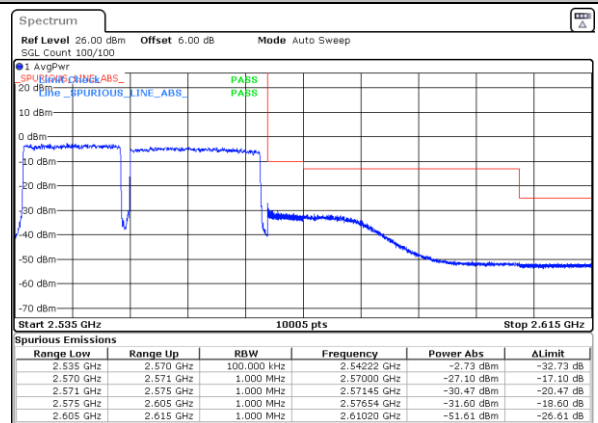
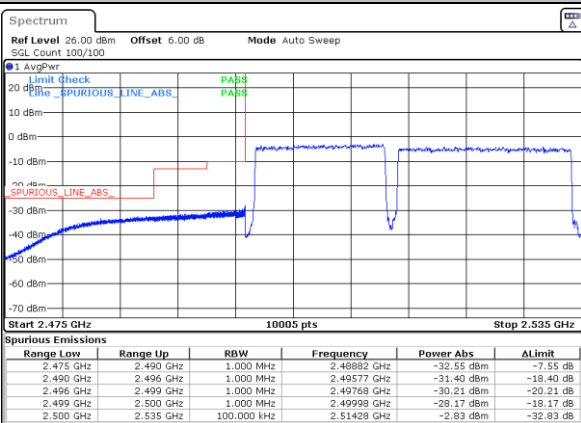


Date: 15.APR.2023 09:58:34

Date: 15.APR.2023 10:13:29

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15.APR.2023 10:02:04

Date: 15.APR.2023 10:16:58

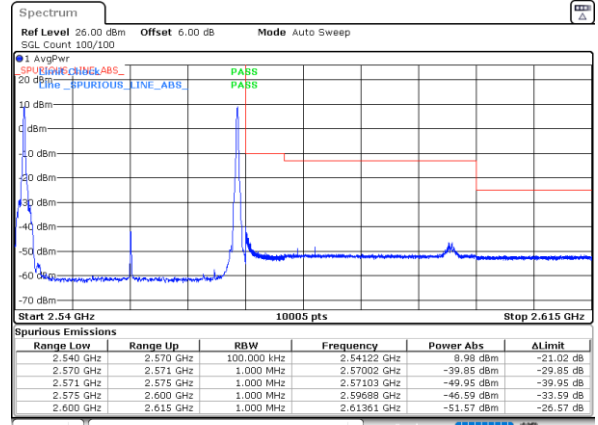
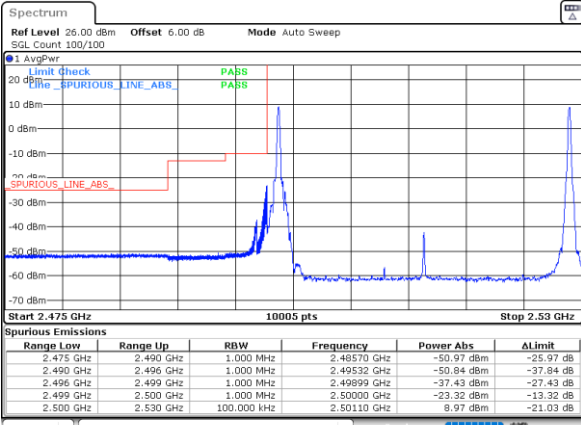


LTE Band 7C / 20MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

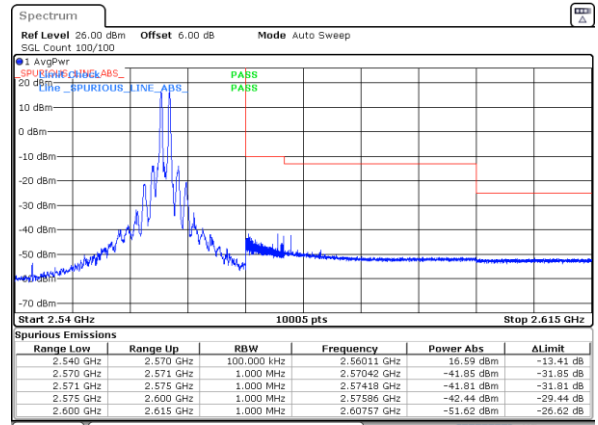
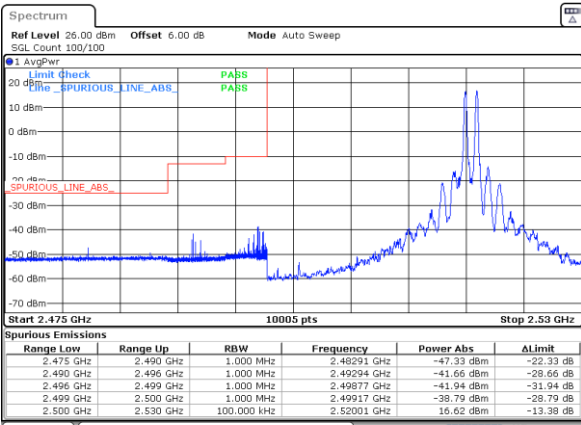


Date: 15.APR.2023 10:22:42

Date: 15.APR.2023 10:37:37

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

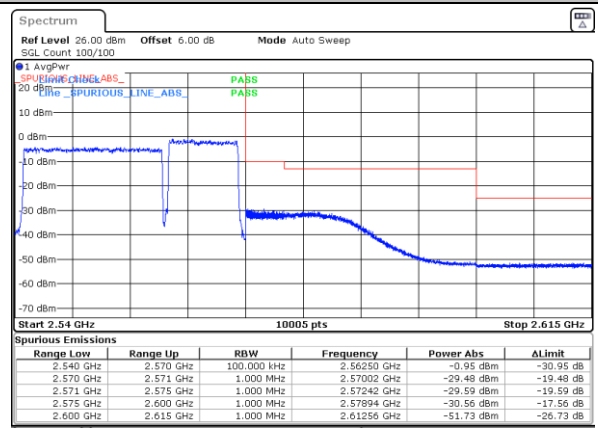
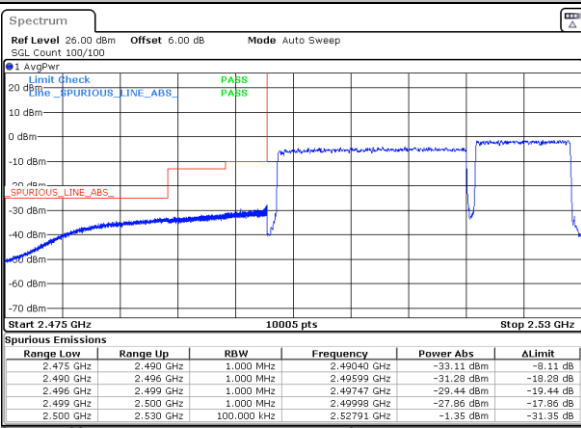


Date: 15.APR.2023 10:26:11

Date: 15.APR.2023 10:41:06

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15.APR.2023 10:29:42

Date: 15.APR.2023 10:44:36

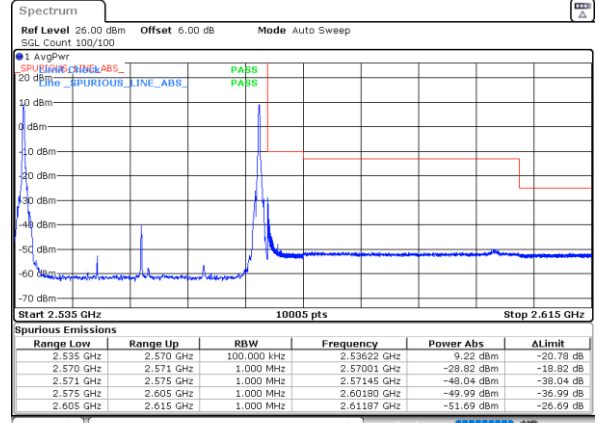
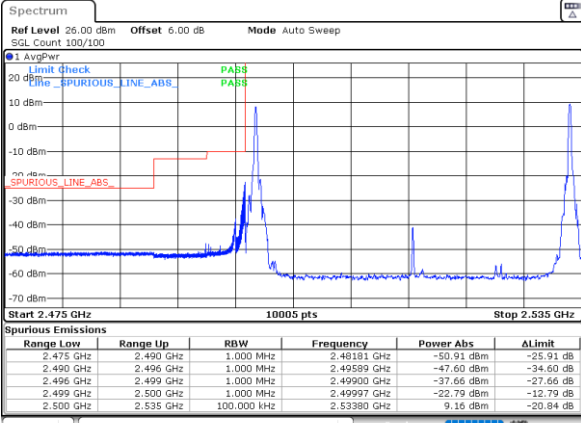


LTE Band 7C / 20MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

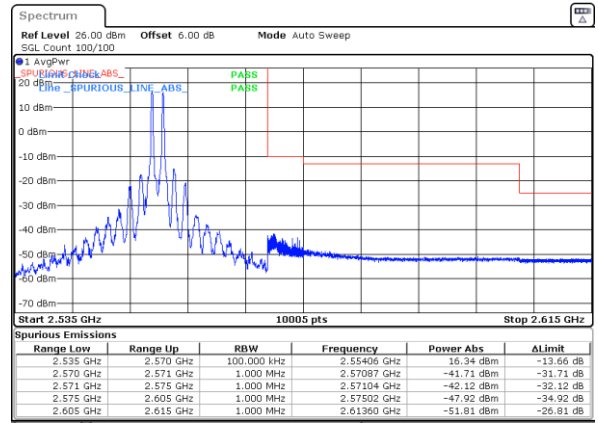
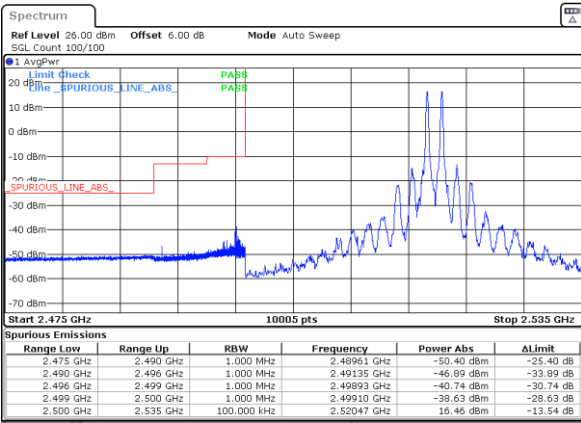


Date: 15.APR.2023 10:50:19

Date: 15.APR.2023 11:05:15

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

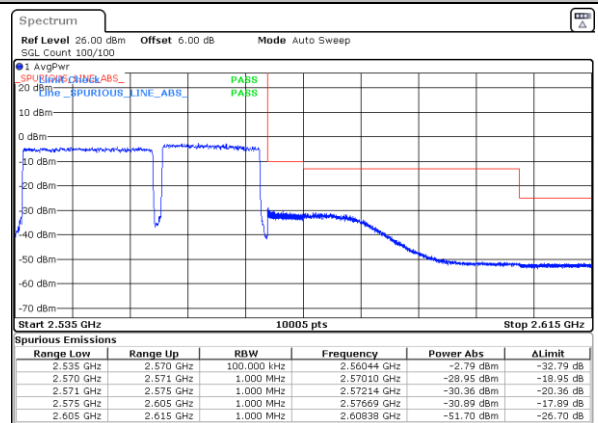
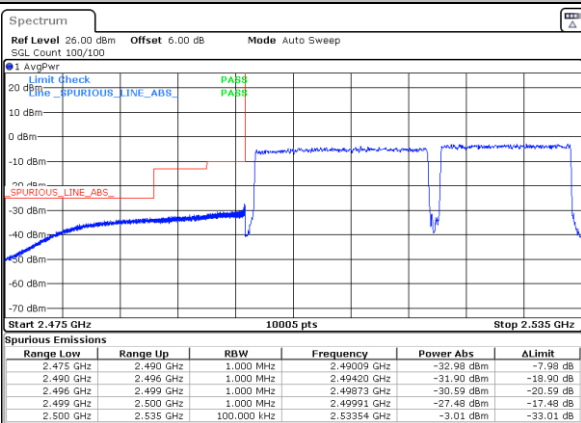


Date: 15.APR.2023 10:53:49

Date: 15.APR.2023 11:08:44

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15.APR.2023 10:57:19

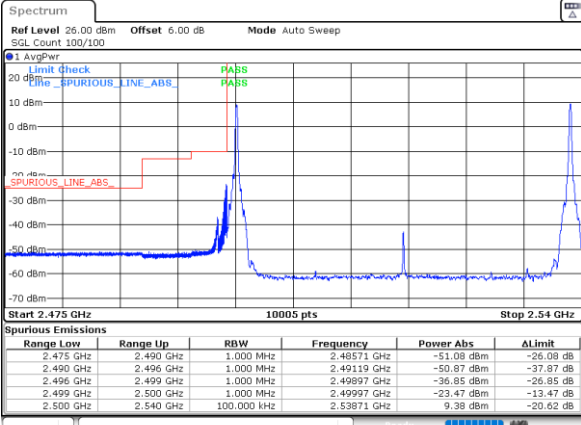
Date: 15.APR.2023 11:12:14



LTE Band 7C / 20MHz+20MHz

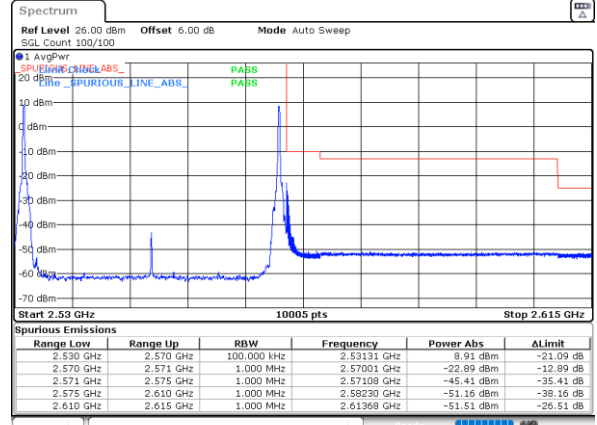
16QAM

Lowest Band Edge / 1RB0 and 1RB9



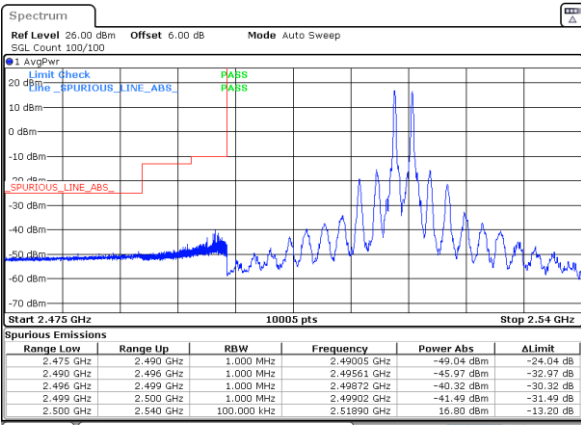
Date: 15.APR.2023 11:17:57

Highest Band Edge / 1RB0 and 1RB9



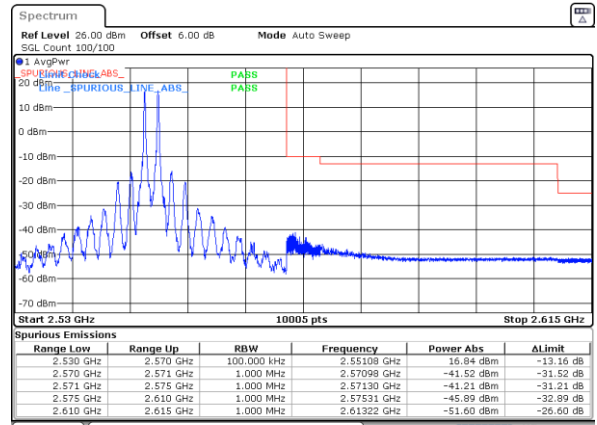
Date: 15.APR.2023 11:32:53

Lowest Band Edge / 1RB99 and 1RB0



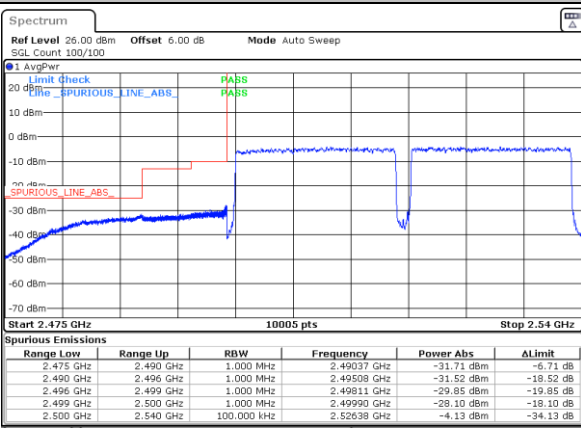
Date: 15.APR.2023 11:21:27

Highest Band Edge / 1RB99 and 1RB0



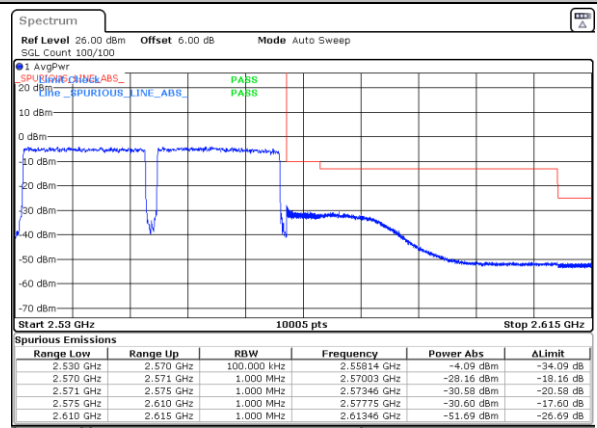
Date: 15.APR.2023 11:36:22

Lowest Band Edge / Full RB



Date: 15.APR.2023 11:24:57

Highest Band Edge / Full RB



Date: 15.APR.2023 11:39:51