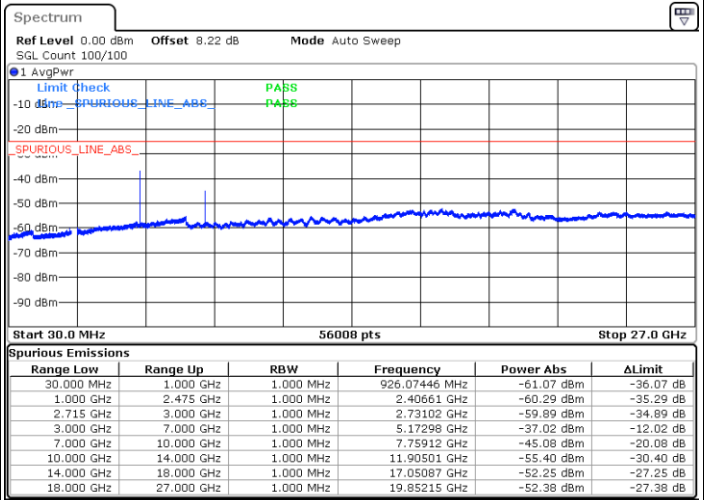
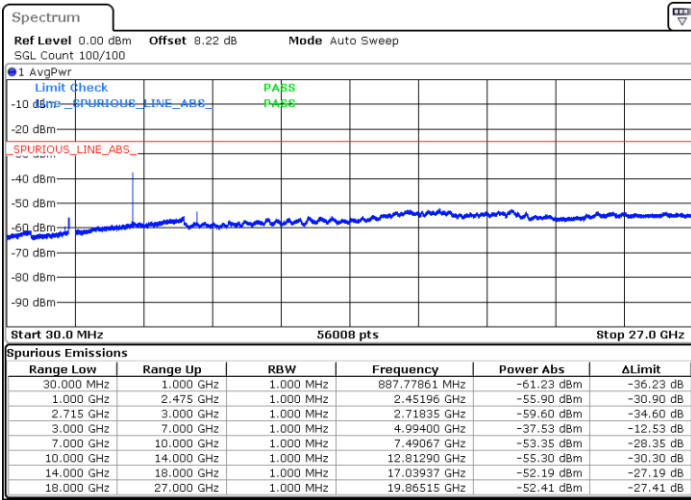




LTE Band 41 / 15MHz

Lowest Channel / QPSK

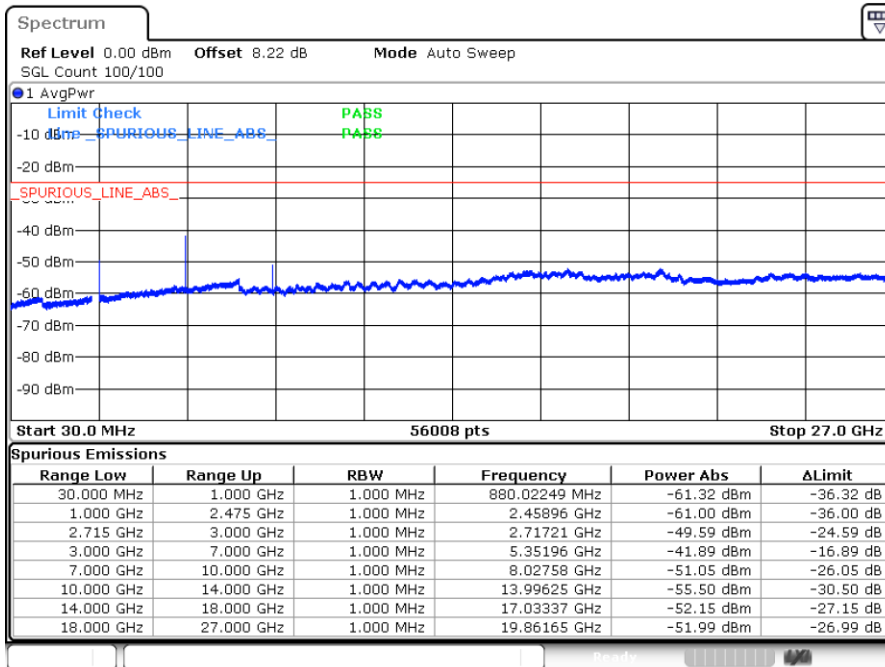
Middle Channel / QPSK



Date: 20.JUL.2023 10:16:32

Date: 20.JUL.2023 10:14:47

Highest Channel / QPSK



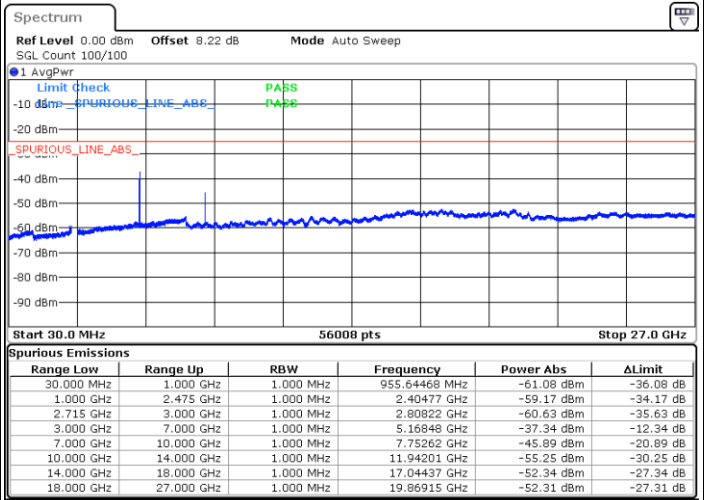
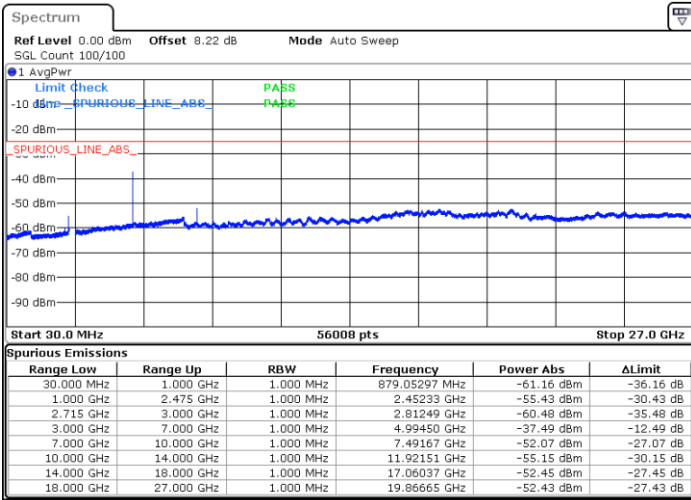
Date: 20.JUL.2023 10:13:07



LTE Band 41 / 20MHz

Lowest Channel / QPSK

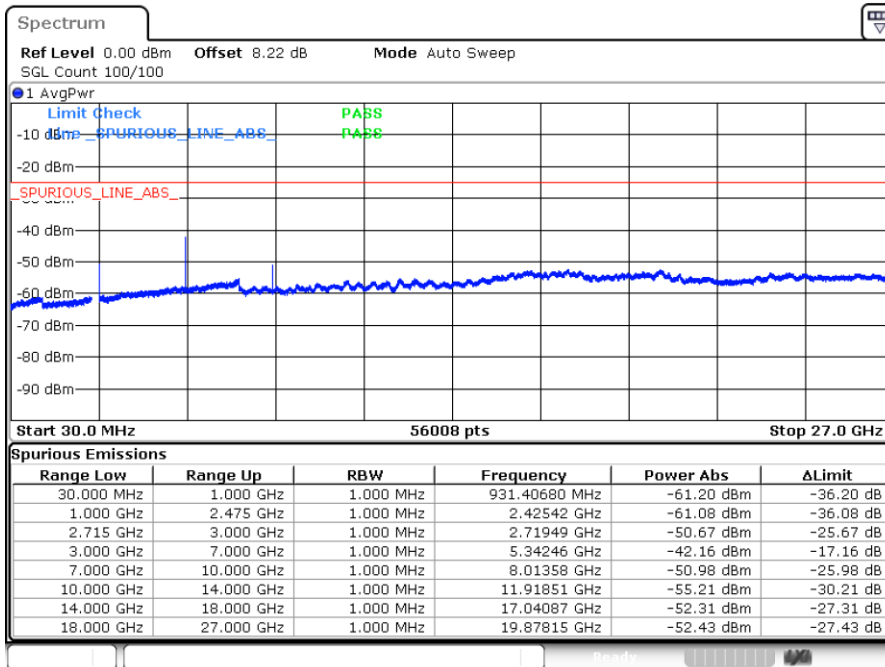
Middle Channel / QPSK



Date: 20_JUL_2023 10:25:17

Date: 20_JUL_2023 10:23:35

Highest Channel / QPSK



Date: 20_JUL_2023 10:34:41



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	0.0018	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0038	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0042	
20	Normal Voltage	0.0033	
20	Battery End Point	0.0004	

Note:

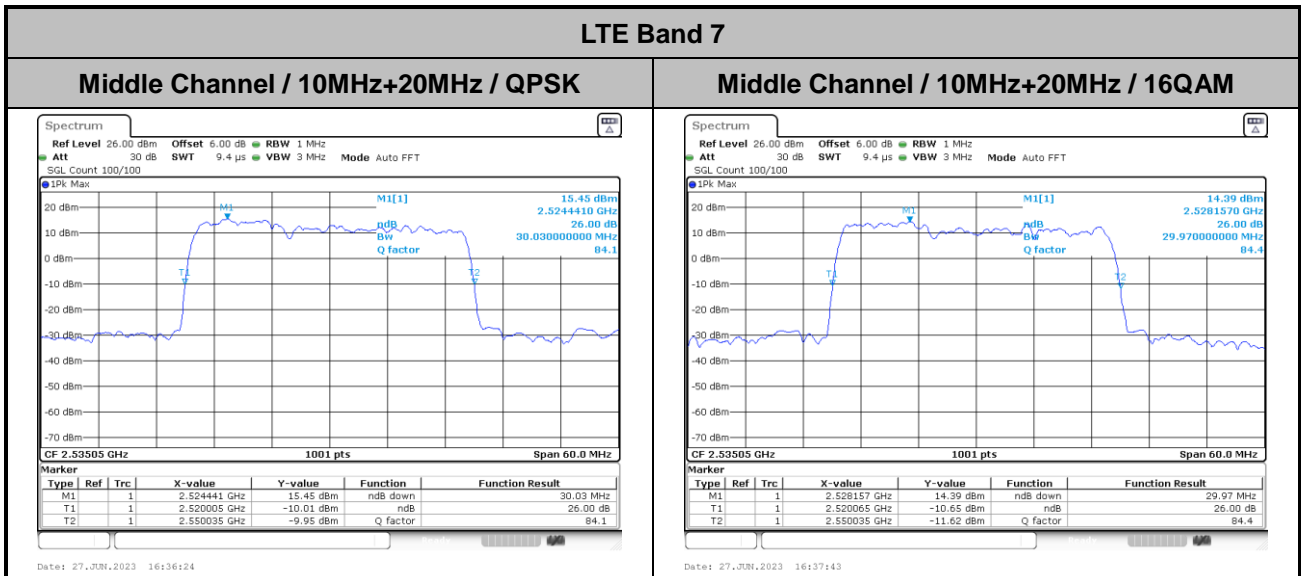
1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.5V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band CA_7C

26dB Bandwidth

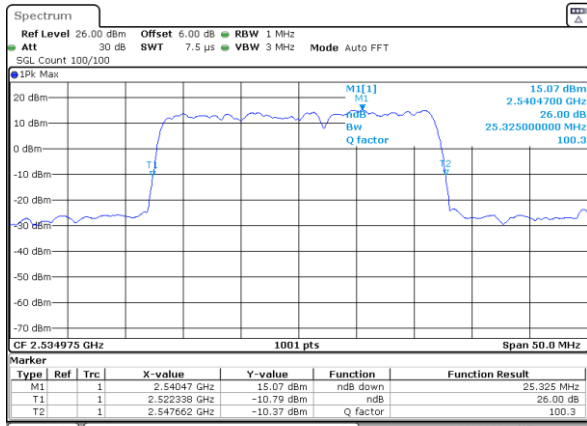
Mode	LTE Band 7C : 26dB BW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	30.03	29.97
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.33	25.33
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	31.53	30.63
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	35.04	35.04
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	29.97	30.03
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	34.97	34.97
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	40.2	39.8





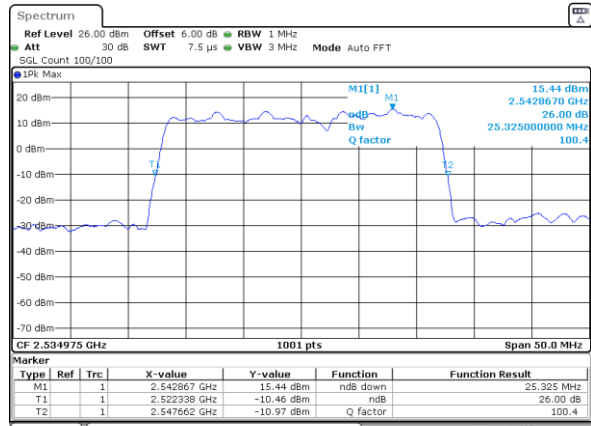
LTE Band 7

Middle Channel / 15MHz+10MHz / QPSK



Date: 27_JUN,2023 16:46:30

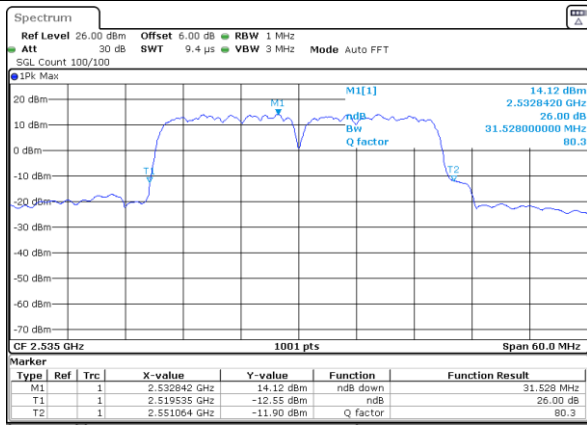
Middle Channel / 15MHz+10MHz / 16QAM



Date: 27_JUN,2023 16:47:57

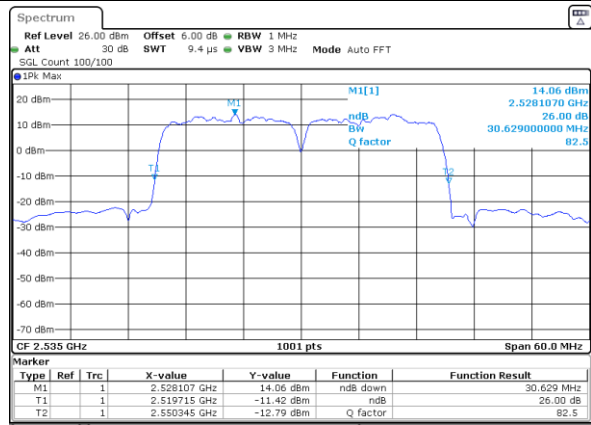
LTE Band 7

Middle Channel / 15MHz+15MHz / QPSK



Date: 27_JUN,2023 16:42:55

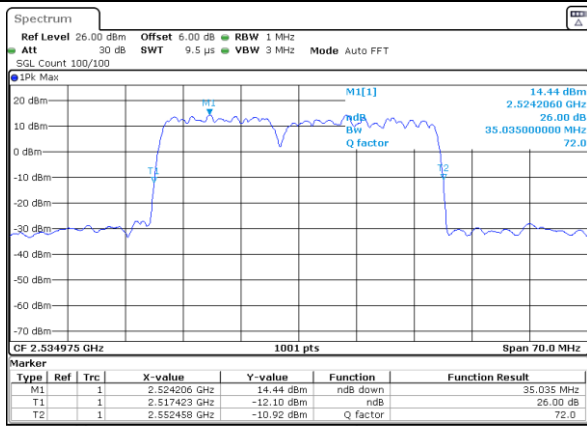
Middle Channel / 15MHz+15MHz / 16QAM



Date: 27_JUN,2023 16:44:04

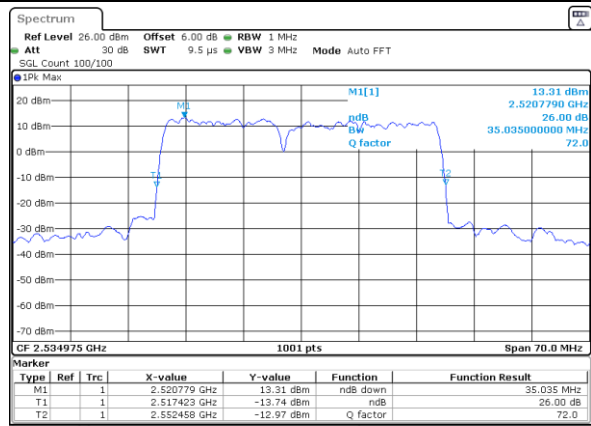
LTE Band 7

Middle Channel / 15MHz+20MHz / QPSK



Date: 27_JUN,2023 16:39:39

Middle Channel / 15MHz+20MHz / 16QAM

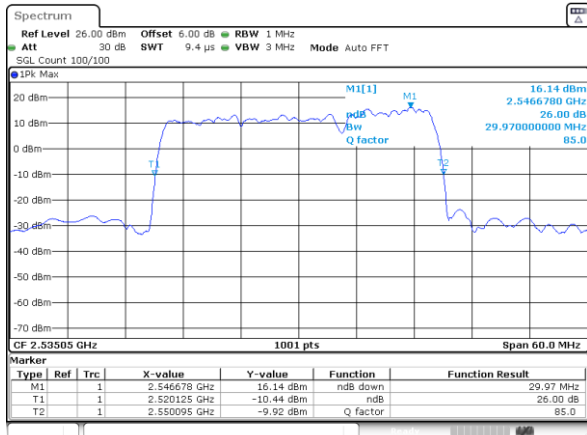


Date: 27_JUN,2023 16:40:59



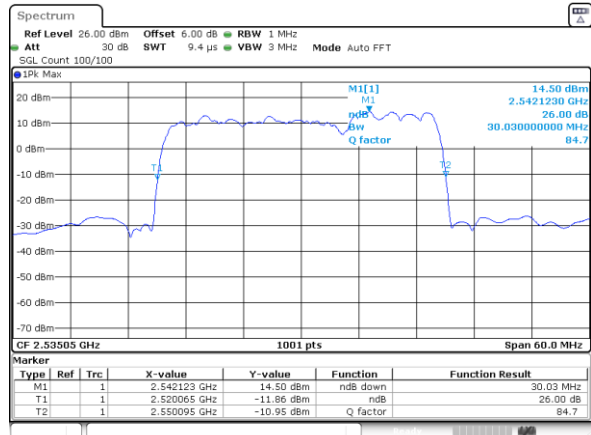
LTE Band 7

Middle Channel / 20MHz+10MHz / QPSK



Date: 27_JUN_2023 16:31:40

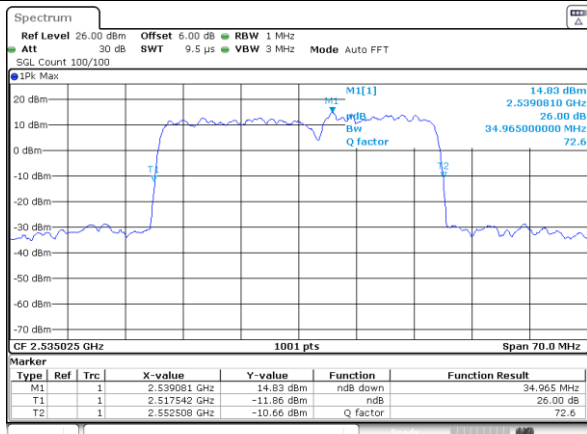
Middle Channel / 20MHz+10MHz / 16QAM



Date: 27_JUN_2023 16:33:25

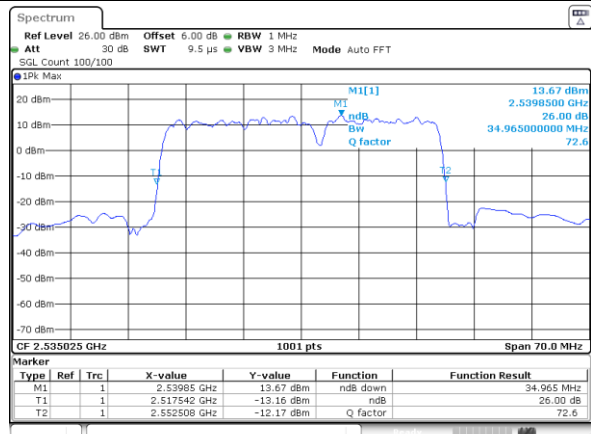
LTE Band 7

Middle Channel / 20MHz+15MHz / QPSK



Date: 27_JUN_2023 16:20:40

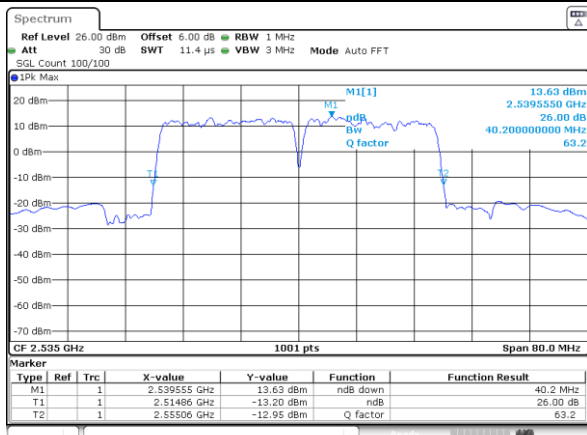
Middle Channel / 20MHz+15MHz / 16QAM



Date: 27_JUN_2023 16:21:08

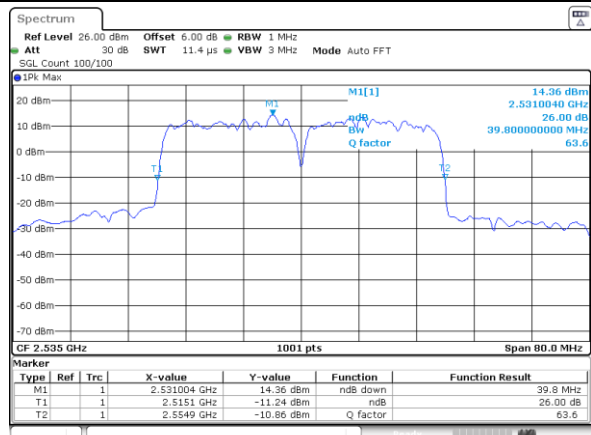
LTE Band 7

Middle Channel / 20MHz+20MHz / QPSK



Date: 27_JUN_2023 16:16:17

Middle Channel / 20MHz+20MHz / 16QAM

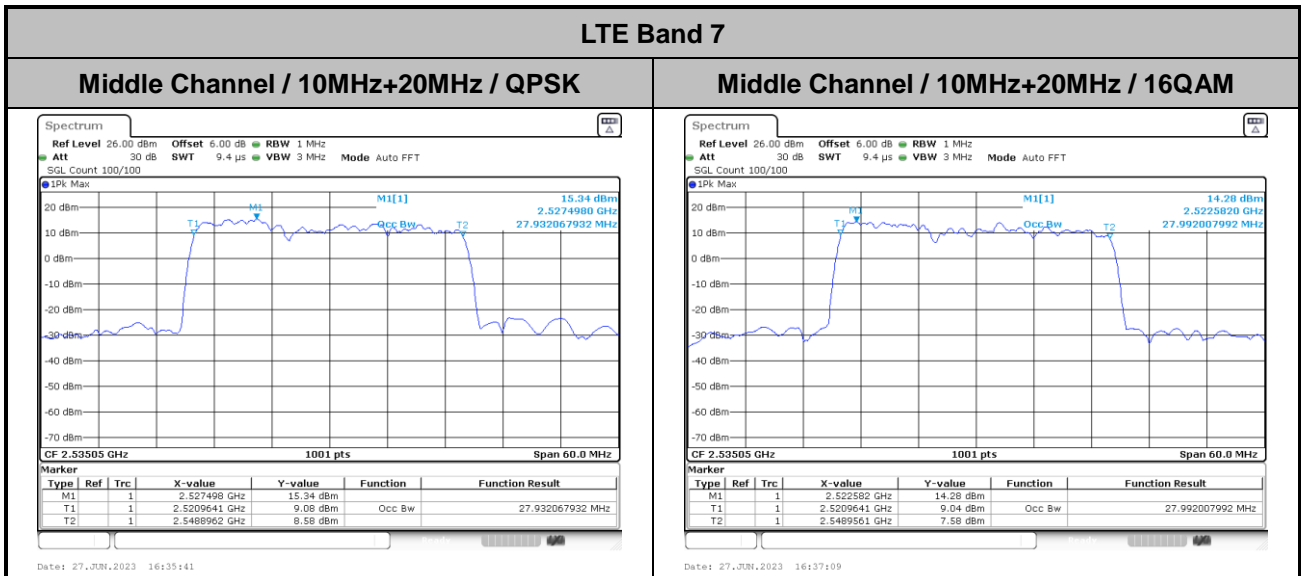


Date: 27_JUN_2023 16:16:44



Occupied Bandwidth

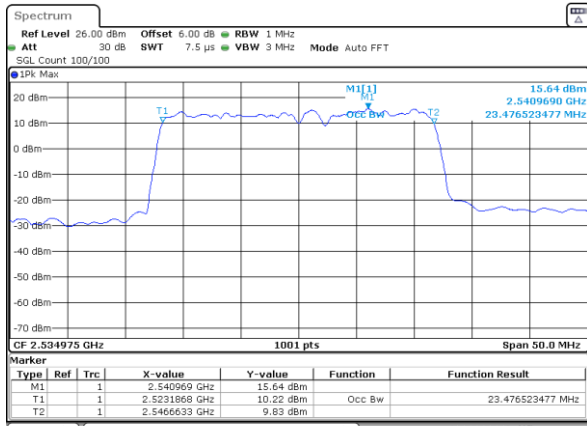
Mode	LTE Band 7 : 99%OBW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	27.93	27.99
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.48	23.48
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.71	28.77
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	32.87	32.73
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.05	27.99
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	32.94	32.87
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.72	37.64





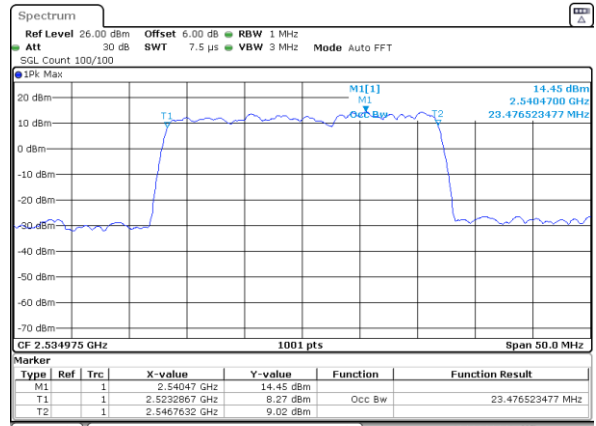
LTE Band 7

Middle Channel / 15MHz+10MHz / QPSK



Date: 27_JUN,2023 16:45:21

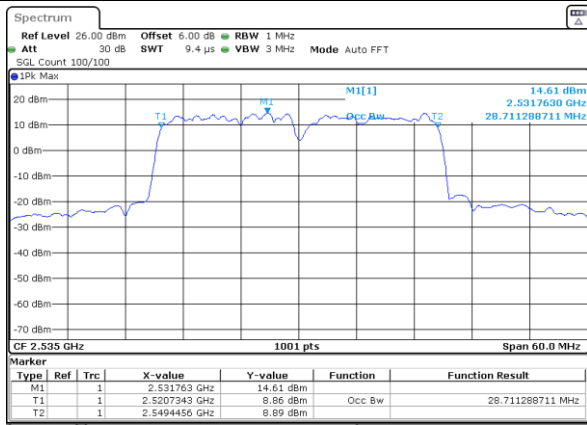
Middle Channel / 15MHz+10MHz / 16QAM



Date: 27_JUN,2023 16:47:08

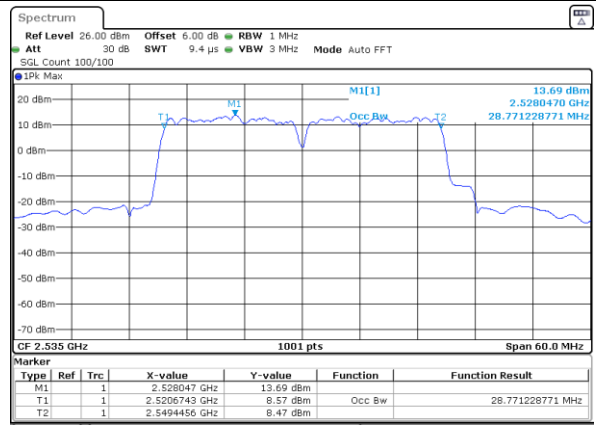
LTE Band 7

Middle Channel / 15MHz+15MHz / QPSK



Date: 27_JUN,2023 16:42:17

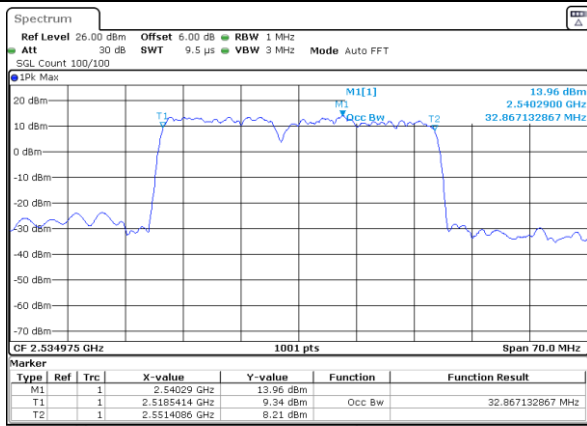
Middle Channel / 15MHz+15MHz / 16QAM



Date: 27_JUN,2023 16:43:33

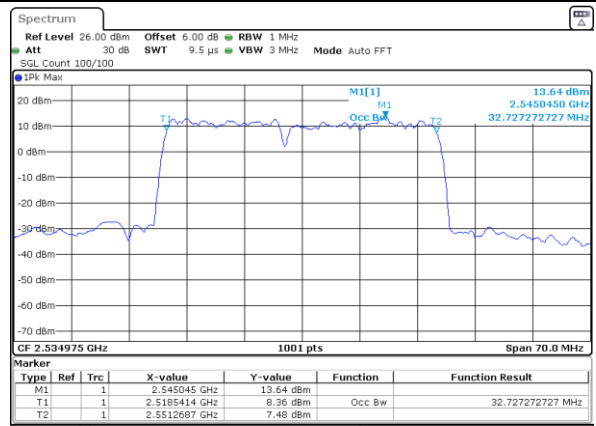
LTE Band 7

Middle Channel / 15MHz+20MHz / QPSK



Date: 27_JUN,2023 16:39:06

Middle Channel / 15MHz+20MHz / 16QAM

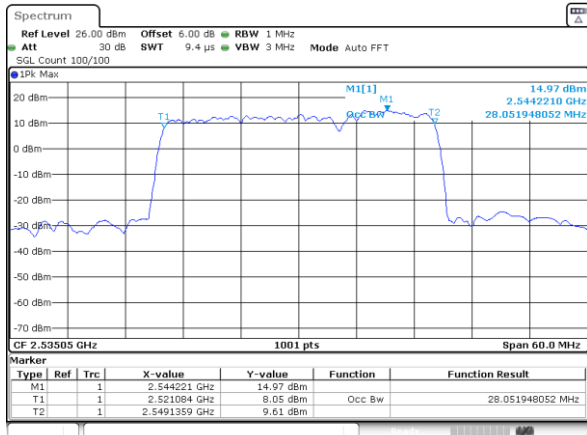


Date: 27_JUN,2023 16:40:17



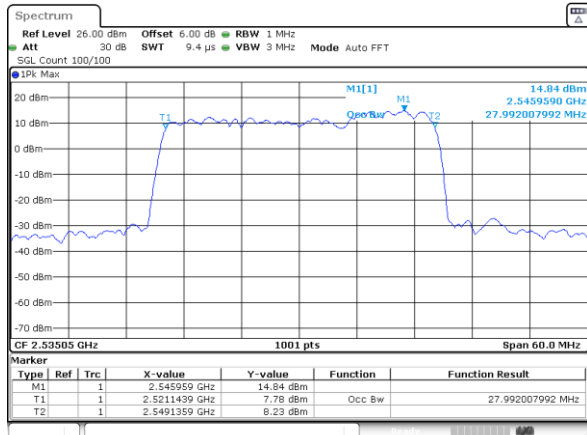
LTE Band 7

Middle Channel / 20MHz+10MHz / QPSK



Date: 27 JUN 2023 16:32:11

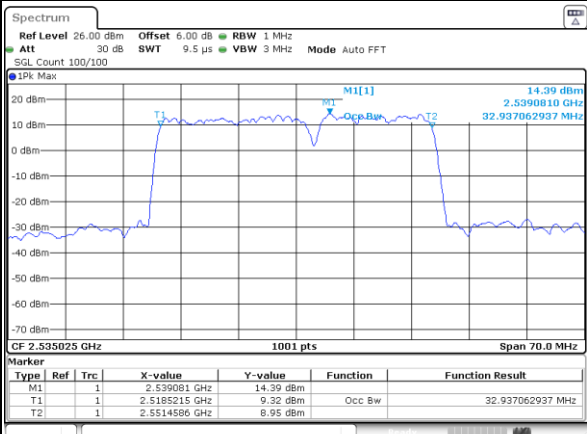
Middle Channel / 20MHz+10MHz / 16QAM



Date: 27 JUN 2023 16:32:47

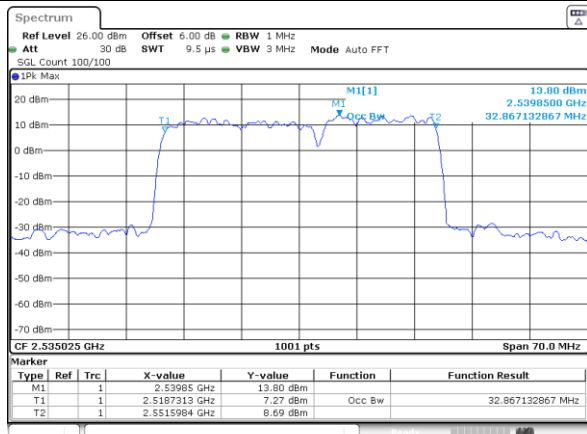
LTE Band 7

Middle Channel / 20MHz+15MHz / QPSK



Date: 27 JUN 2023 16:20:13

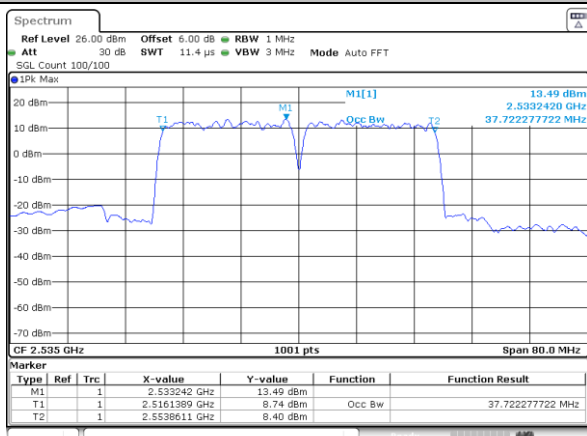
Middle Channel / 20MHz+15MHz / 16QAM



Date: 27 JUN 2023 16:21:35

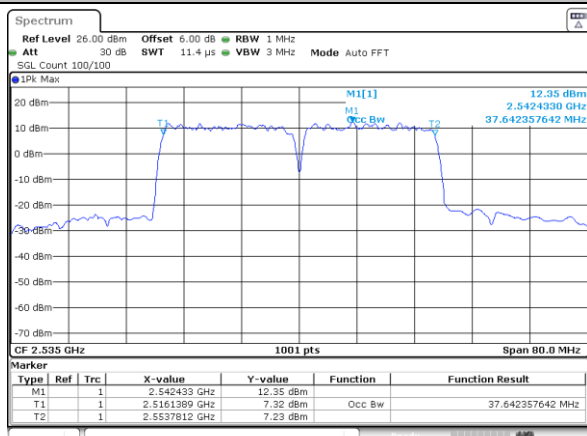
LTE Band 7

Middle Channel / 20MHz+20MHz / QPSK



Date: 27 JUN 2023 16:15:49

Middle Channel / 20MHz+20MHz / 16QAM



Date: 27 JUN 2023 16:17:12

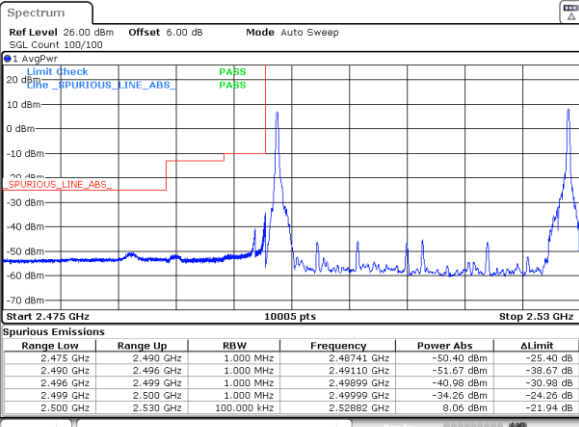


Conducted Band Edge

LTE Band 7 / 10MHz+20MHz

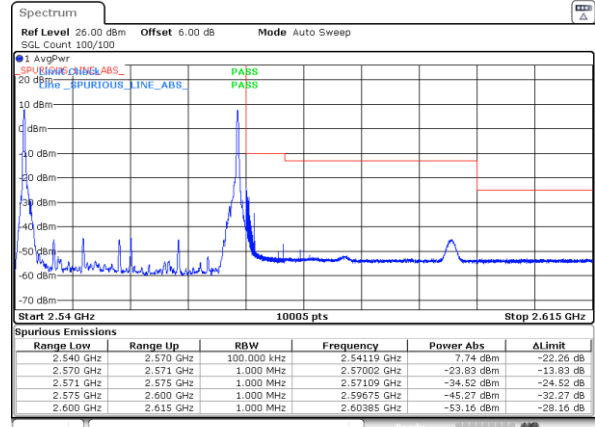
QPSK

Lowest Band Edge / 1RB0 and 1RB9



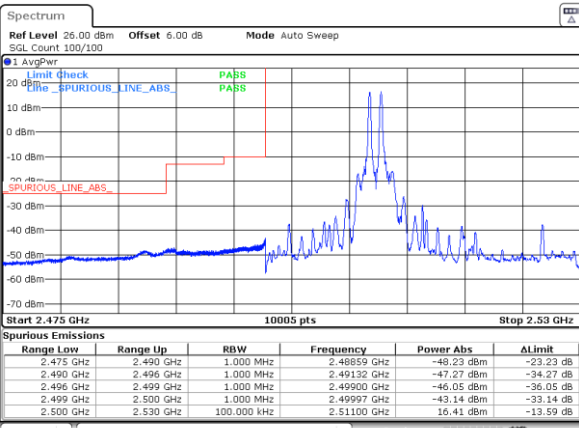
Date: 27 JUN 2023 13:41:49

Highest Band Edge / 1RB0 and 1RB9



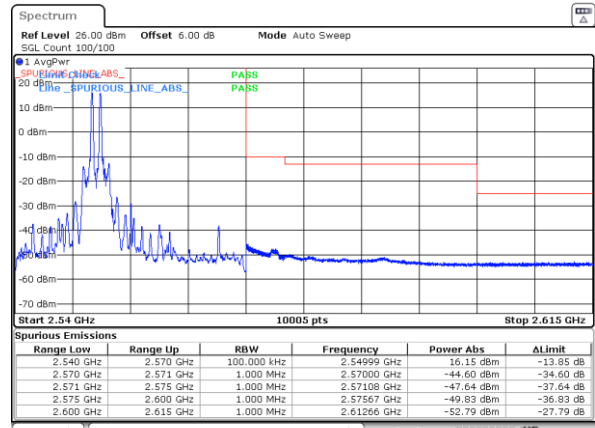
Date: 27 JUN 2023 13:57:33

Lowest Band Edge / 1RB49 and 1RB0



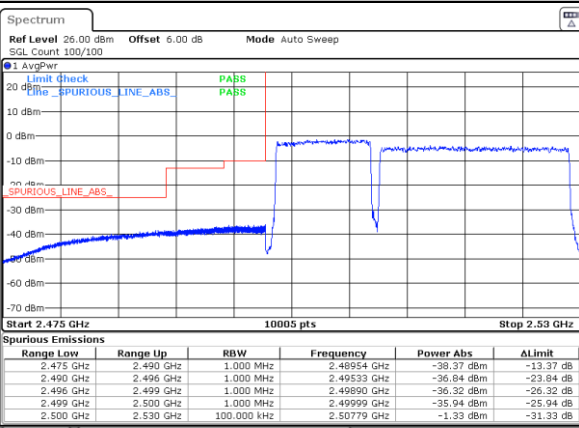
Date: 27 JUN 2023 13:46:19

Highest Band Edge / 1RB49 and 1RB0



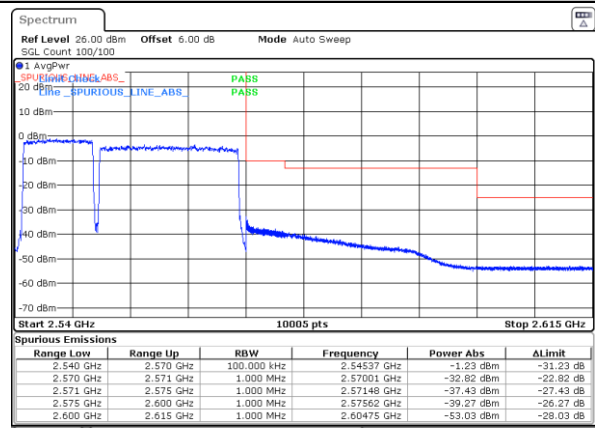
Date: 27 JUN 2023 14:02:01

Lowest Band Edge / Full RB



Date: 27 JUN 2023 13:50:49

Highest Band Edge / Full RB



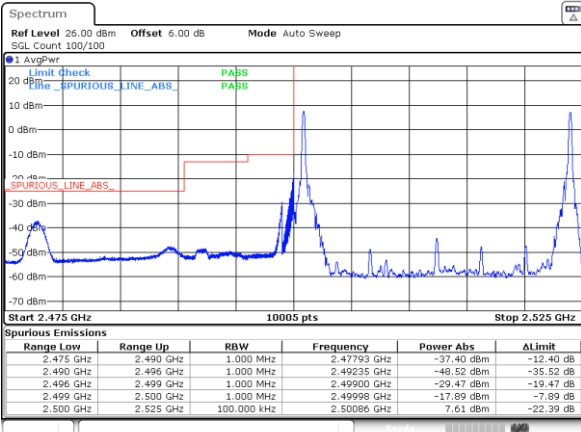
Date: 27 JUN 2023 14:06:29



LTE Band 7 / 15MHz+10MHz

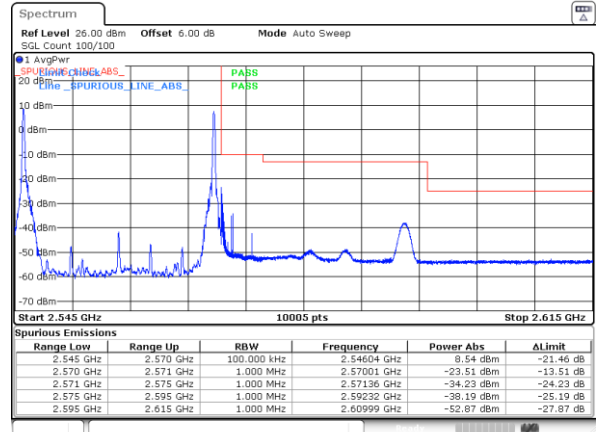
QPSK

Lowest Band Edge / 1RB0 and 1RB49



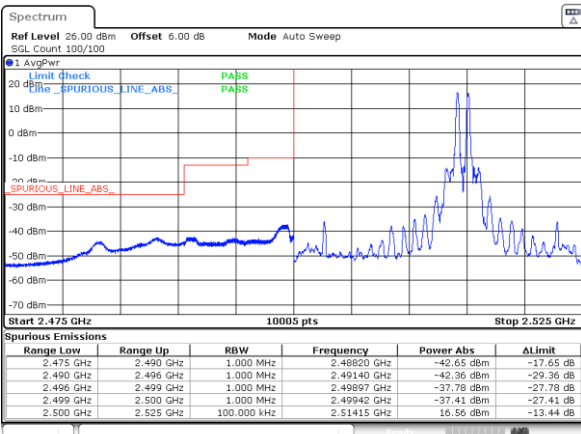
Date: 27_JUN,2023 14:12:10

Highest Band Edge / 1RB0 and 1RB49



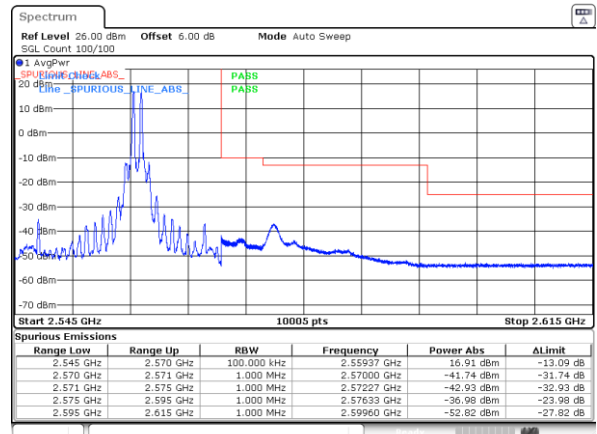
Date: 27_JUN,2023 14:23:17

Lowest Band Edge / 1RB74 and 1RB0



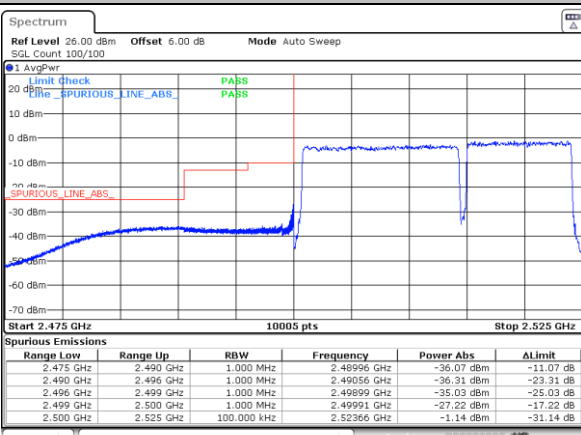
Date: 27_JUN,2023 14:14:52

Highest Band Edge / 1RB74 and 1RB0



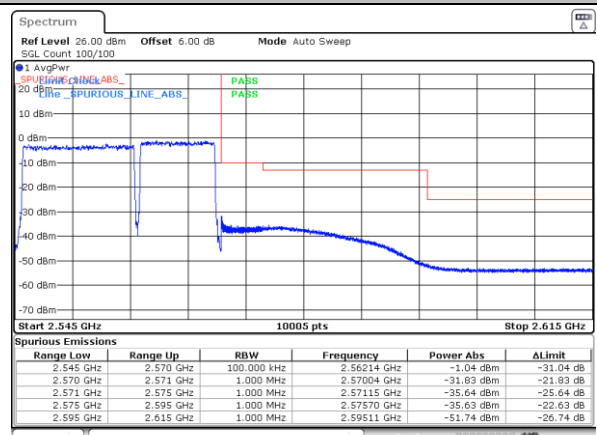
Date: 27_JUN,2023 14:26:00

Lowest Band Edge / Full RB



Date: 27_JUN,2023 14:17:35

Highest Band Edge / Full RB



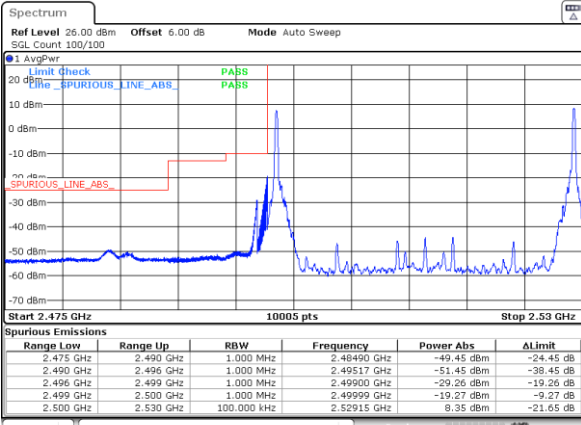
Date: 27_JUN,2023 14:28:43



LTE Band 7 / 15MHz+15MHz

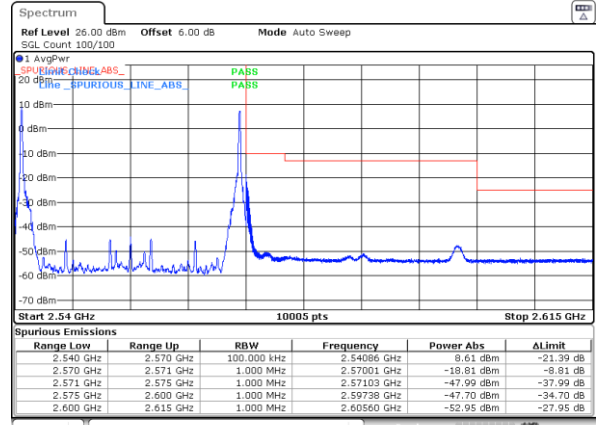
QPSK

Lowest Band Edge / 1RB0 and 1RB74



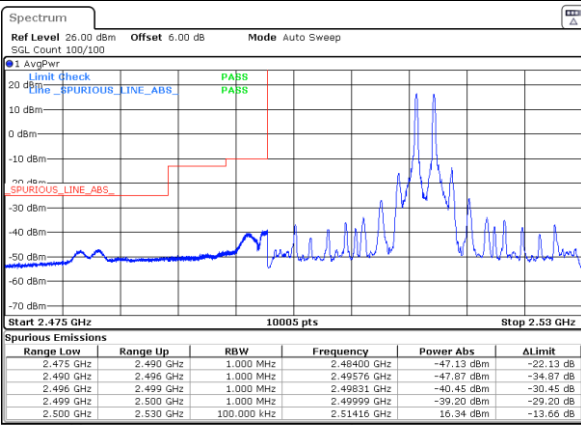
Date: 27 JUN 2023 14:32:57

Highest Band Edge / 1RB0 and 1RB74



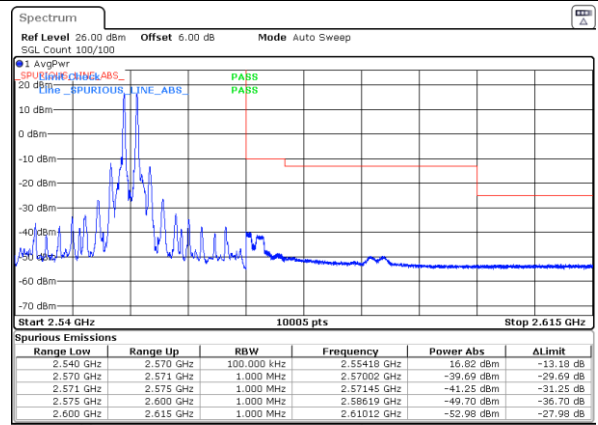
Date: 27 JUN 2023 14:44:04

Lowest Band Edge / 1RB74 and 1RB0



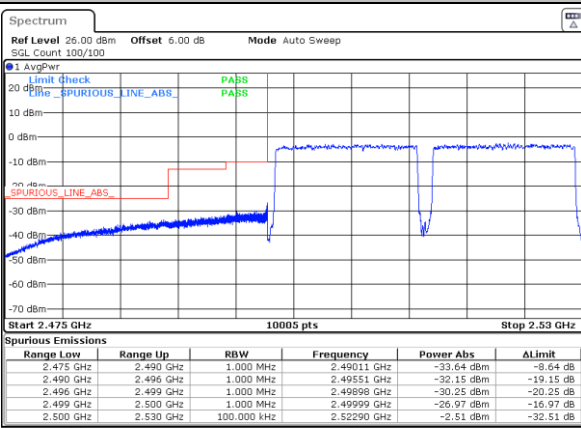
Date: 27 JUN 2023 14:35:39

Highest Band Edge / 1RB74 and 1RB0



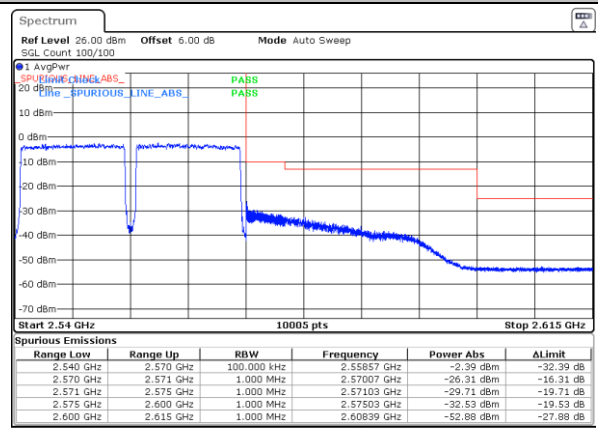
Date: 27 JUN 2023 14:44:44

Lowest Band Edge / Full RB



Date: 27 JUN 2023 14:38:22

Highest Band Edge / Full RB



Date: 27 JUN 2023 14:49:26

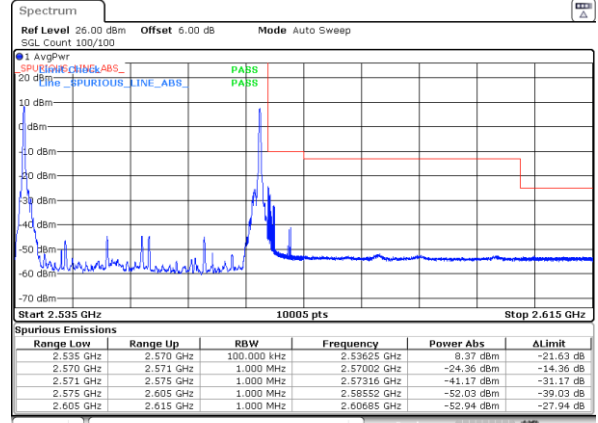
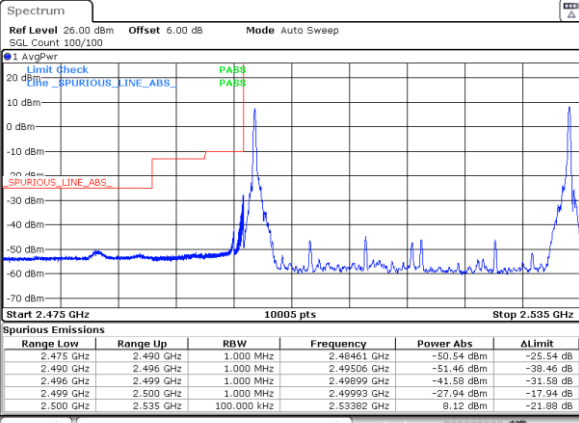


LTE Band 7 / 15MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

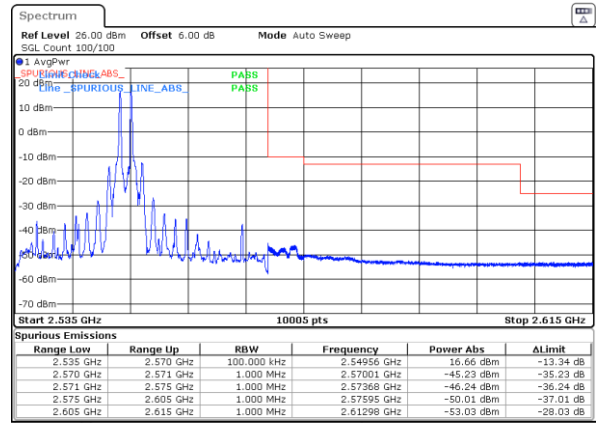
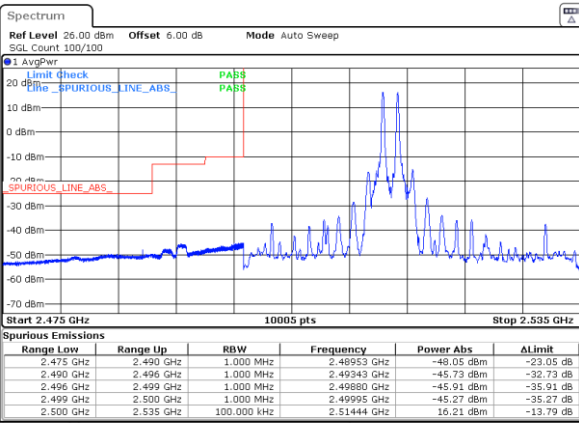


Date: 27 JUN 2023 14:55:01

Date: 27 JUN 2023 15:06:08

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

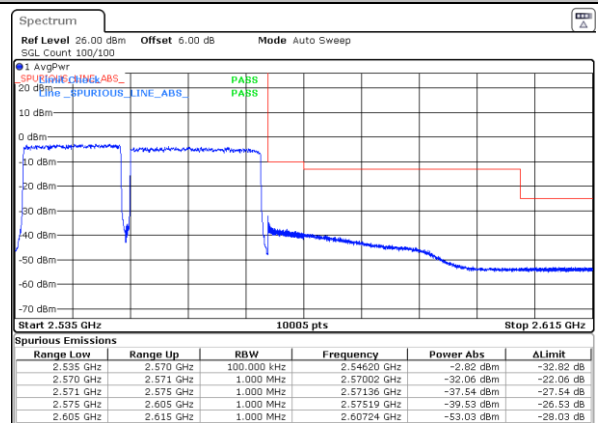
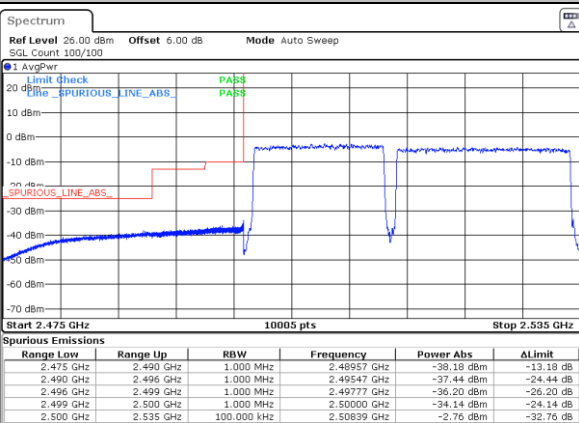


Date: 27 JUN 2023 14:57:43

Date: 27 JUN 2023 15:06:49

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27 JUN 2023 15:00:25

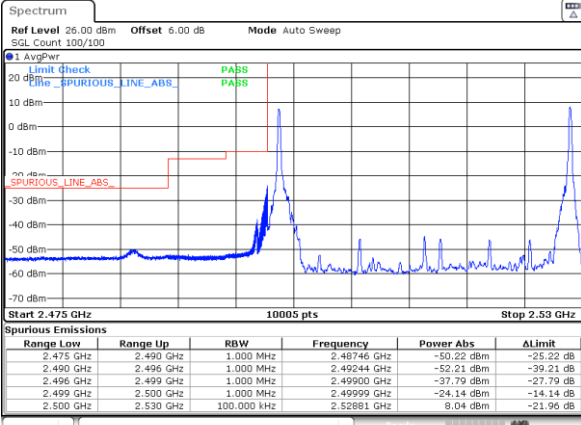
Date: 27 JUN 2023 15:11:30



LTE Band 7 / 20MHz+10MHz

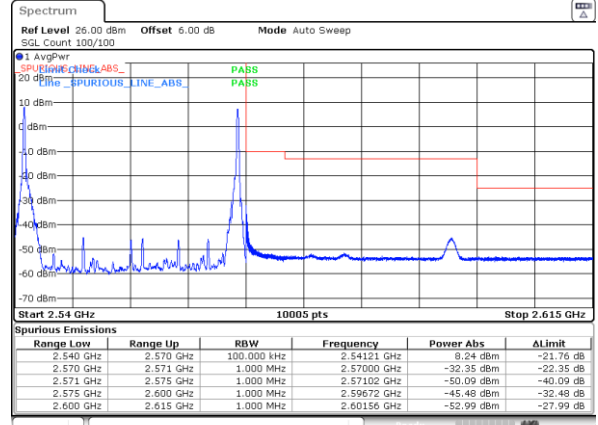
QPSK

Lowest Band Edge / 1RB0 and 1RB74



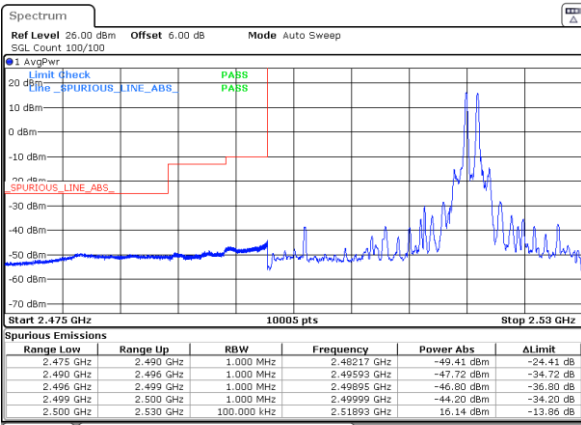
Date: 27 JUN 2023 15:15:46

Highest Band Edge / 1RB0 and 1RB74



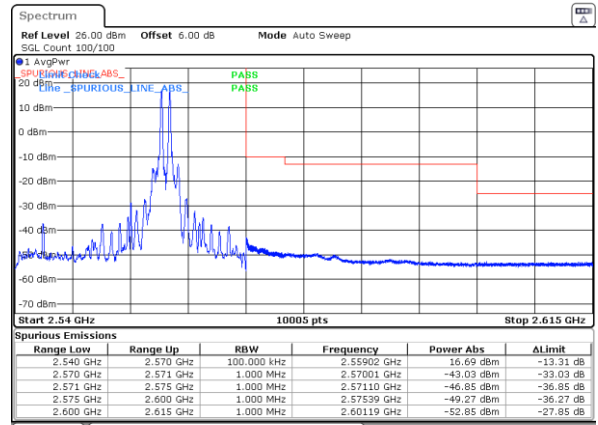
Date: 27 JUN 2023 15:26:51

Lowest Band Edge / 1RB99 and 1RB0



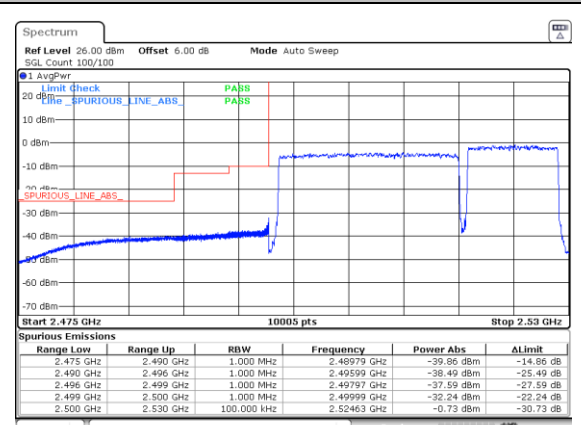
Date: 27 JUN 2023 15:18:28

Highest Band Edge / 1RB99 and 1RB0



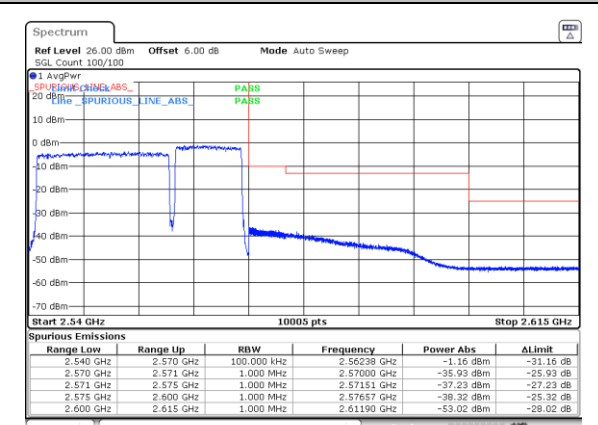
Date: 27 JUN 2023 15:29:31

Lowest Band Edge / Full RB



Date: 27 JUN 2023 15:15:11

Highest Band Edge / Full RB



Date: 27 JUN 2023 15:29:31

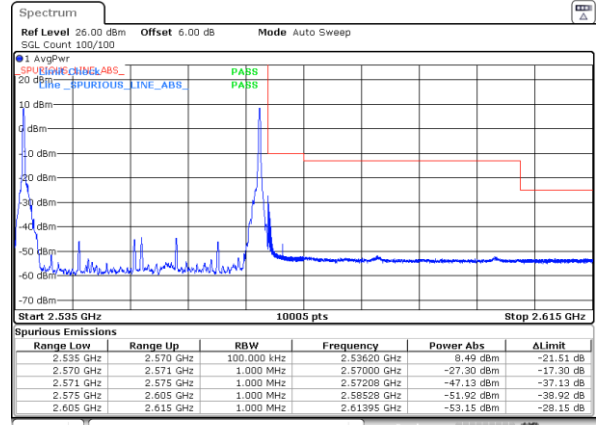
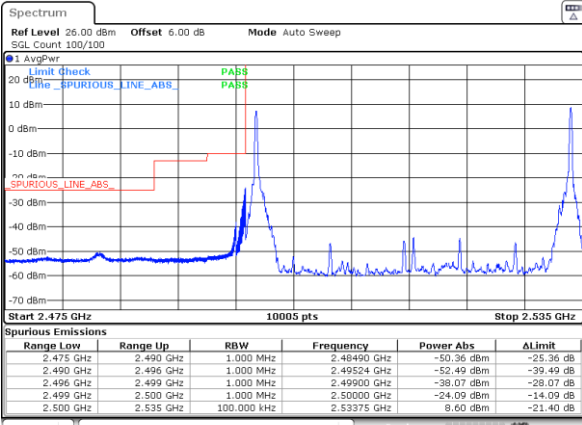


LTE Band 7 / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

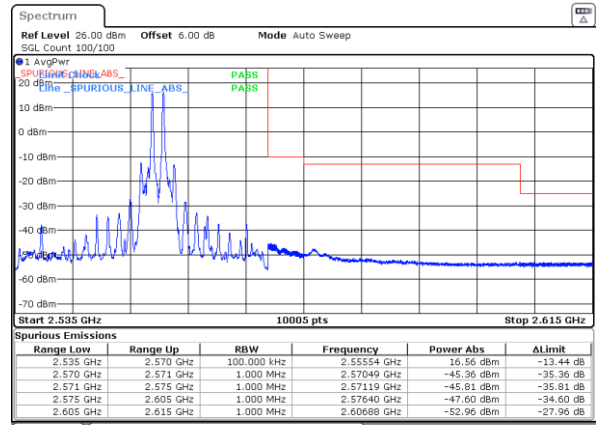
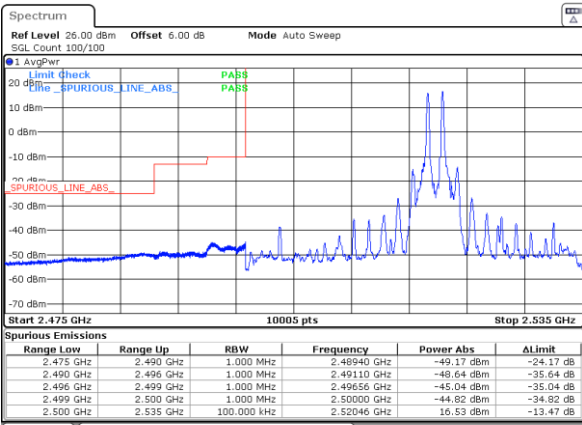


Date: 27_JUN,2023 15:36:26

Date: 27_JUN,2023 15:47:28

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

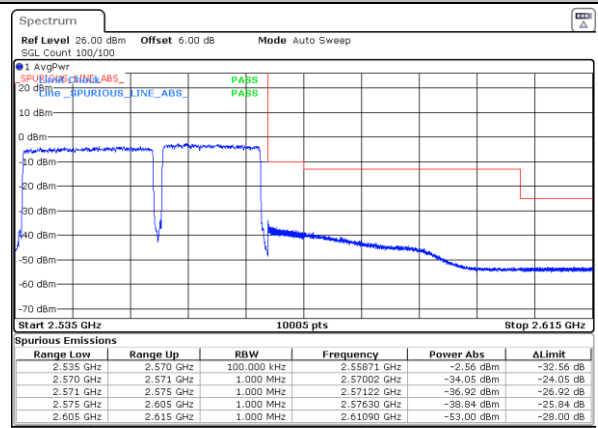
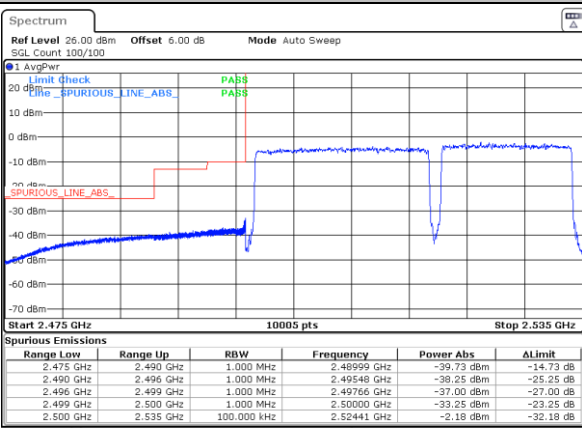


Date: 27_JUN,2023 15:39:07

Date: 27_JUN,2023 15:50:09

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27_JUN,2023 15:41:48

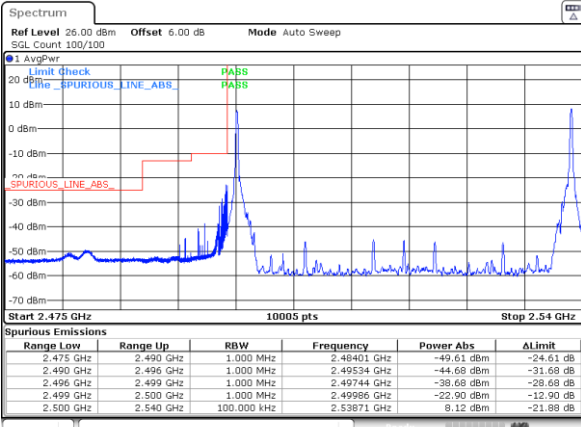
Date: 27_JUN,2023 15:52:50



LTE Band 7 / 20MHz+20MHz

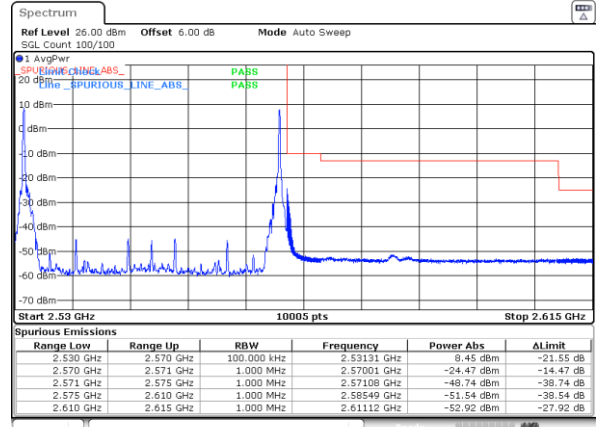
QPSK

Lowest Band Edge / 1RB0 and 1RB9



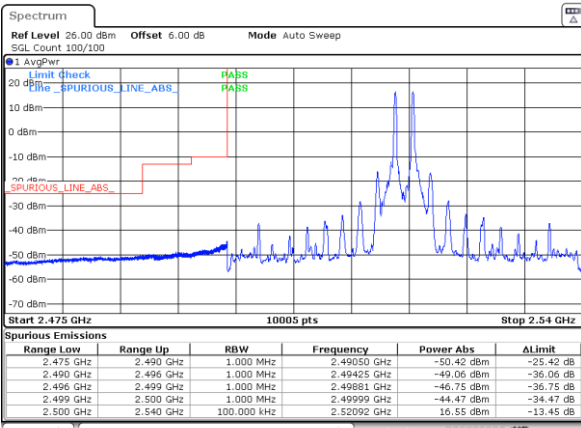
Date: 27 JUN 2023 15:57:04

Highest Band Edge / 1RB0 and 1RB9



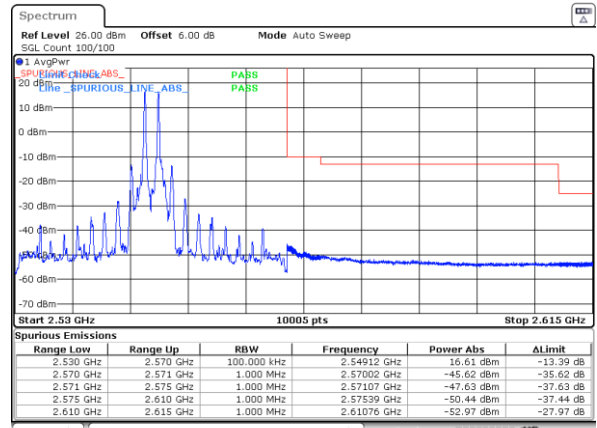
Date: 27 JUN 2023 16:08:08

Lowest Band Edge / 1RB99 and 1RB0



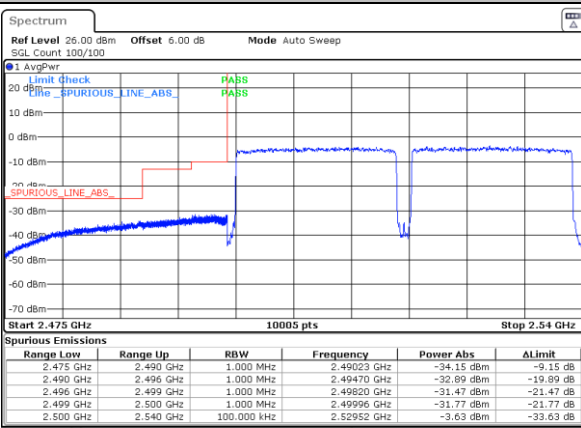
Date: 27 JUN 2023 15:59:46

Highest Band Edge / 1RB99 and 1RB0



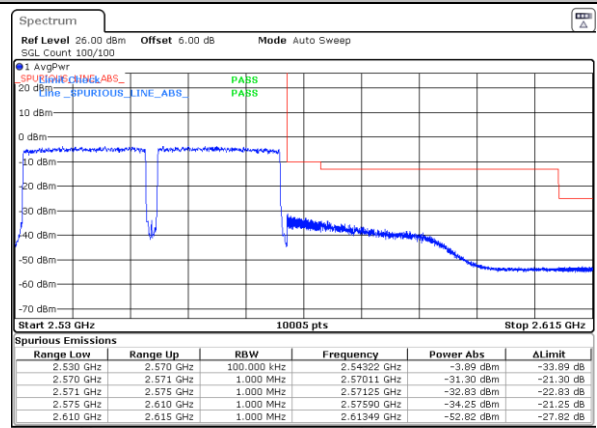
Date: 27 JUN 2023 16:10:50

Lowest Band Edge / Full RB



Date: 27 JUN 2023 16:02:27

Highest Band Edge / Full RB



Date: 27 JUN 2023 16:13:31

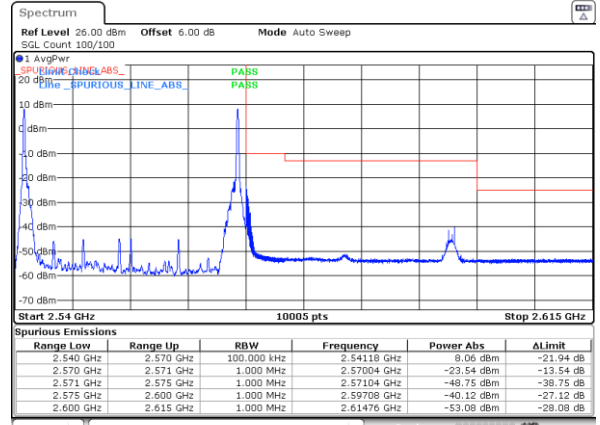
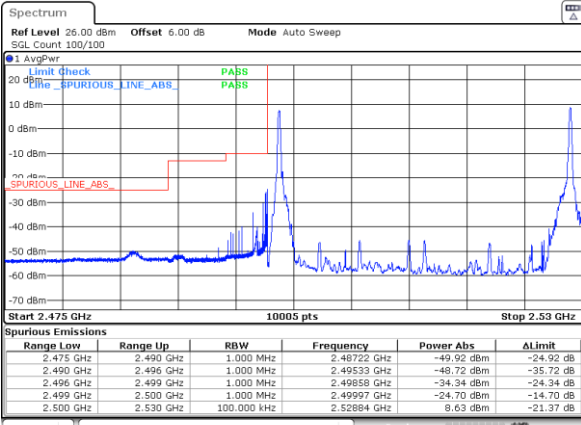


LTE Band 7 / 10MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

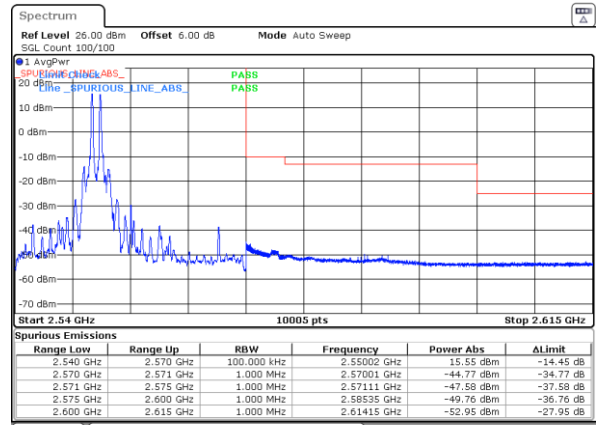
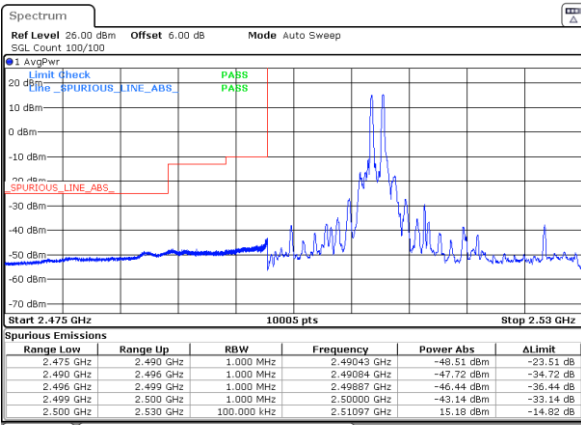


Date: 27 JUN 2023 13:43:18

Date: 27 JUN 2023 13:59:02

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

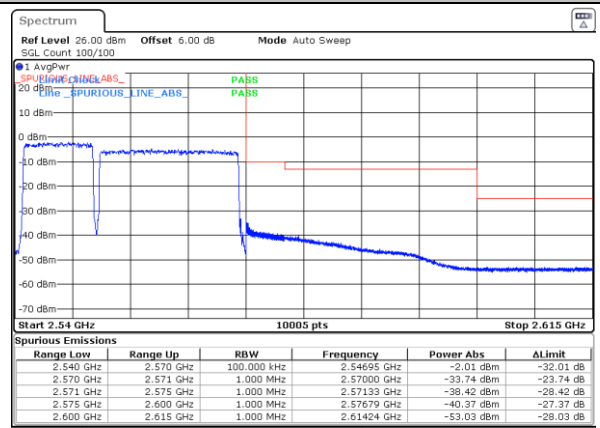
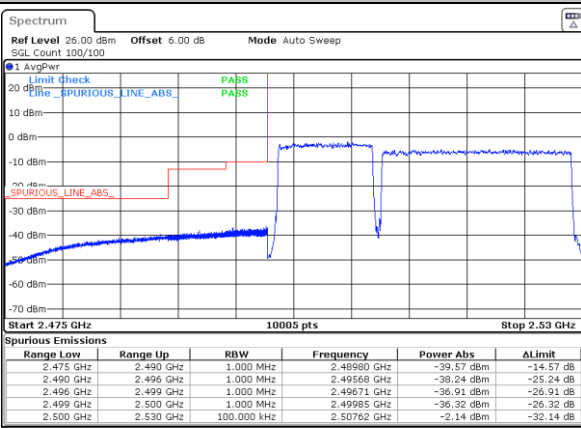


Date: 27 JUN 2023 13:47:49

Date: 27 JUN 2023 14:03:30

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27 JUN 2023 13:52:18

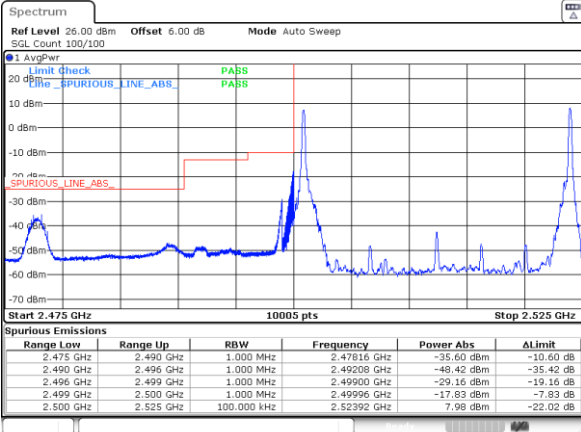
Date: 27 JUN 2023 14:07:58



LTE Band 7 / 15MHz+10MHz

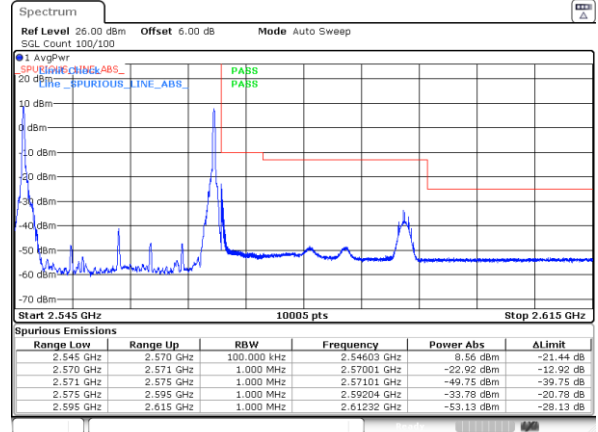
16QAM

Lowest Band Edge / 1RB0 and 1RB49



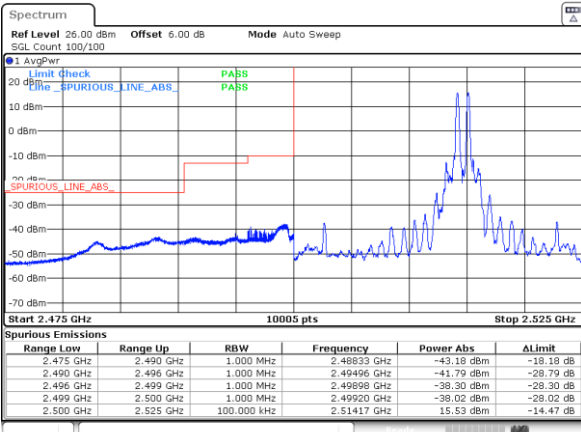
Date: 27_JUN,2023 14:13:04

Highest Band Edge / 1RB0 and 1RB49



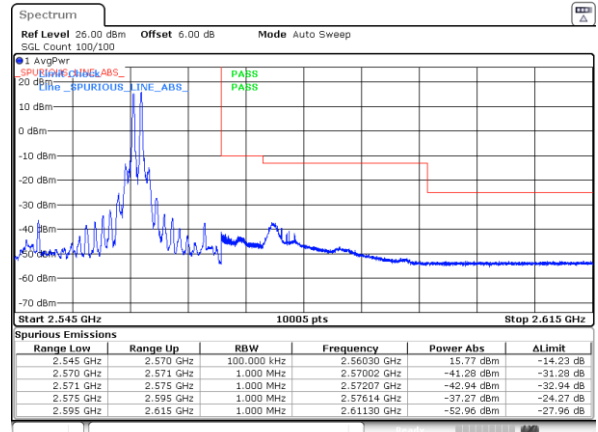
Date: 27_JUN,2023 14:24:12

Lowest Band Edge / 1RB74 and 1RB0



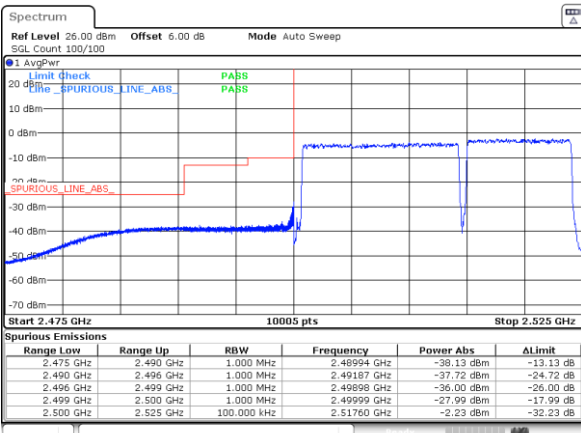
Date: 27_JUN,2023 14:15:46

Highest Band Edge / 1RB74 and 1RB0



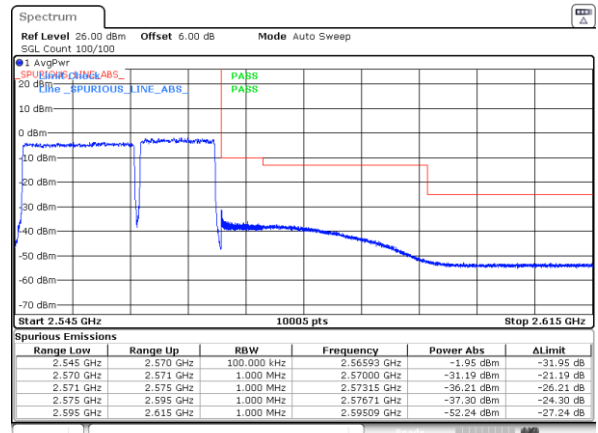
Date: 27_JUN,2023 14:26:54

Lowest Band Edge / Full RB



Date: 27_JUN,2023 14:18:29

Highest Band Edge / Full RB



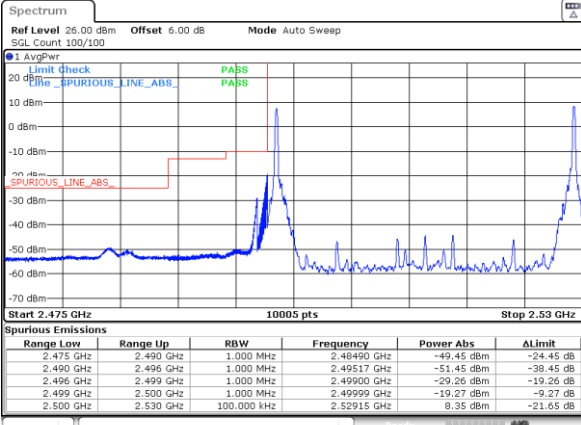
Date: 27_JUN,2023 14:29:36



LTE Band 7 / 15MHz+15MHz

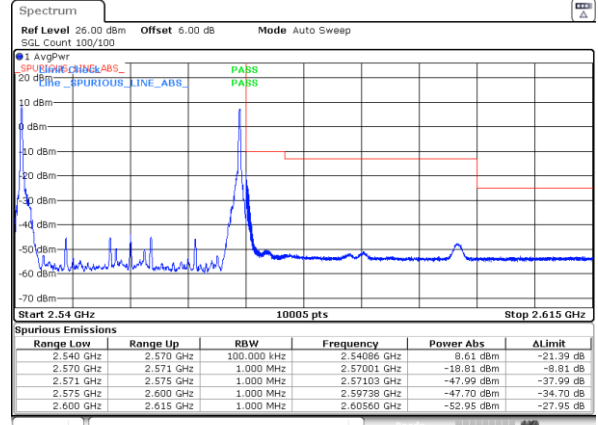
16QAM

Lowest Band Edge / 1RB0 and 1RB74



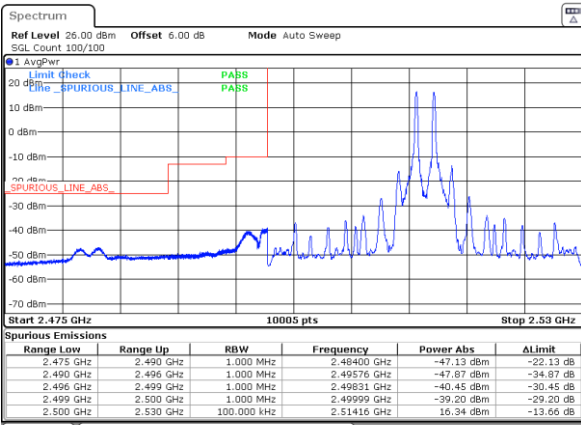
Date: 27 JUN 2023 14:32:57

Highest Band Edge / 1RB0 and 1RB74



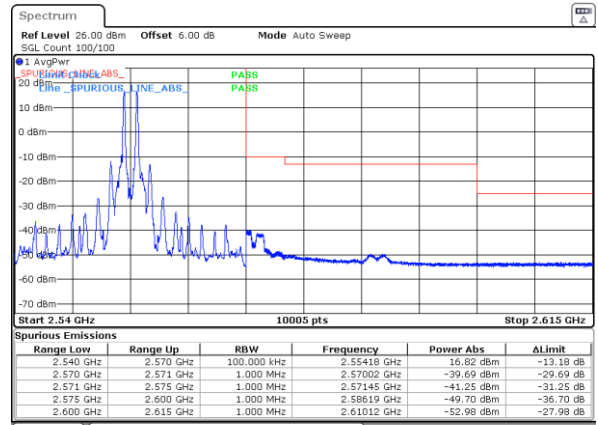
Date: 27 JUN 2023 14:44:04

Lowest Band Edge / 1RB74 and 1RB0



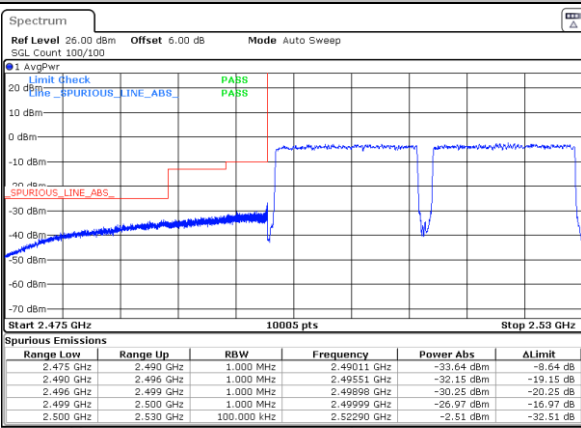
Date: 27 JUN 2023 14:35:39

Highest Band Edge / 1RB74 and 1RB0



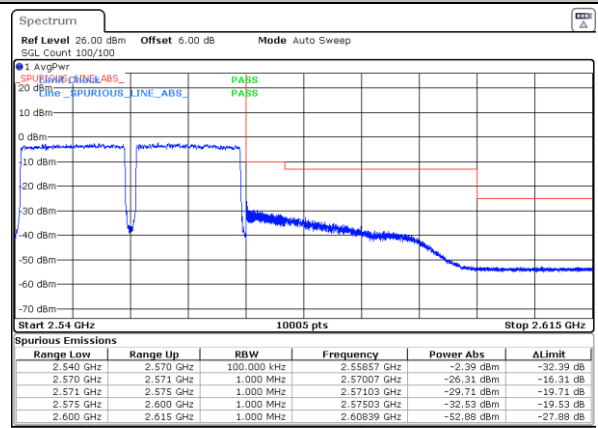
Date: 27 JUN 2023 14:44:44

Lowest Band Edge / Full RB



Date: 27 JUN 2023 14:38:22

Highest Band Edge / Full RB



Date: 27 JUN 2023 14:49:26

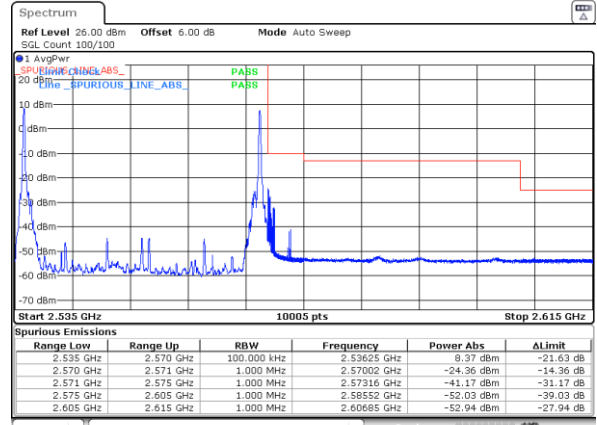
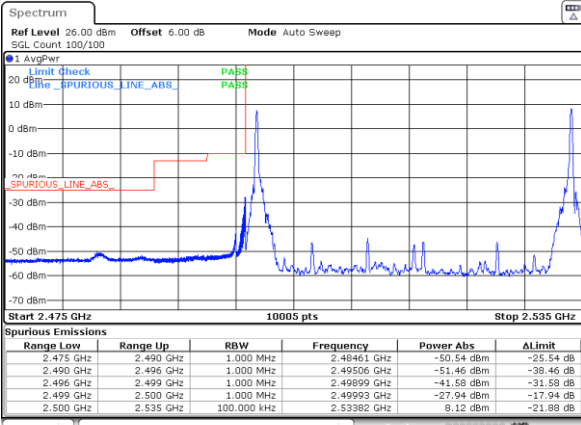


LTE Band 7 / 15MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

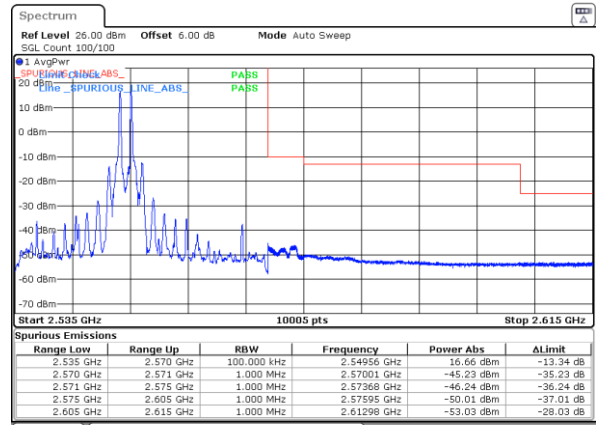
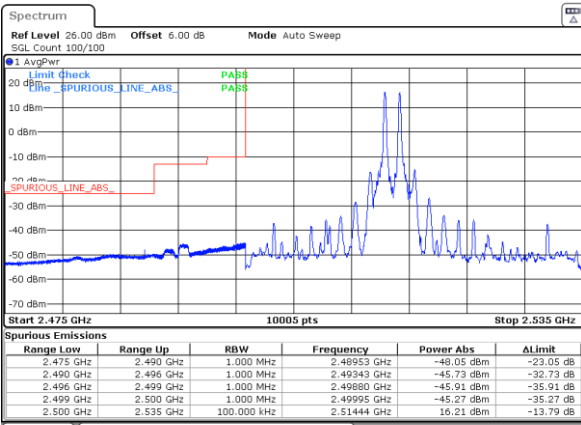


Date: 27 JUN 2023 14:55:01

Date: 27 JUN 2023 15:06:08

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

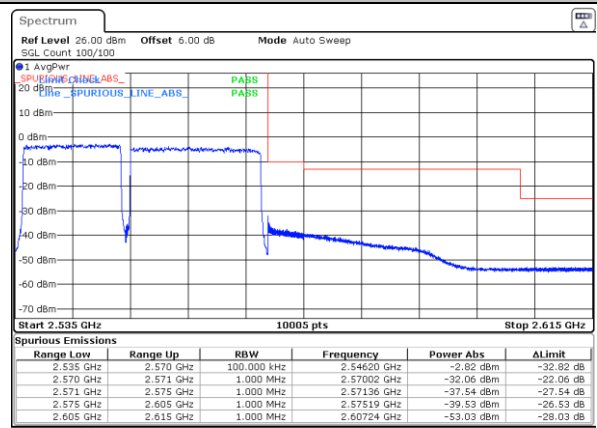
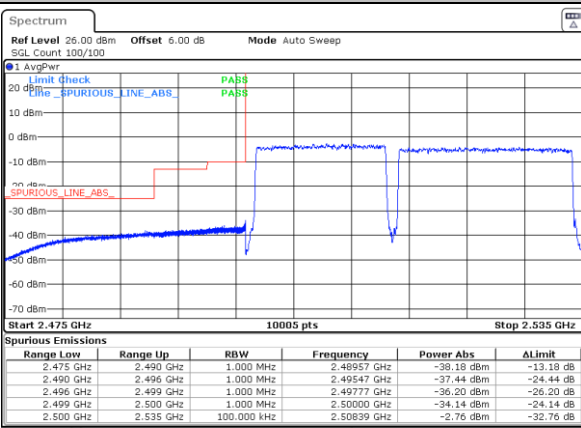


Date: 27 JUN 2023 14:57:43

Date: 27 JUN 2023 15:06:49

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27 JUN 2023 15:00:25

Date: 27 JUN 2023 15:11:30

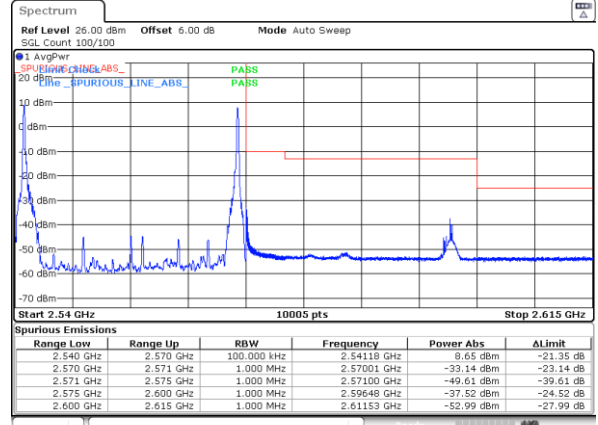
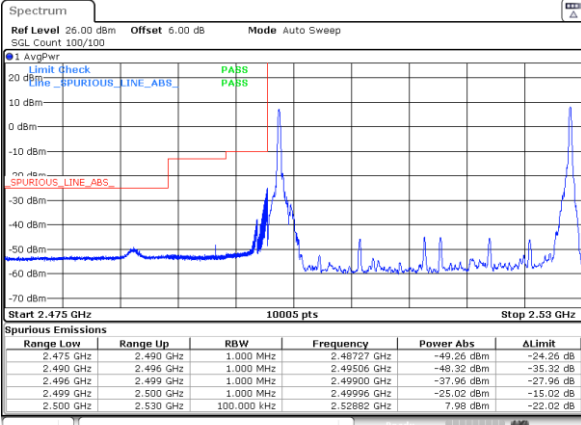


LTE Band 7 / 20MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

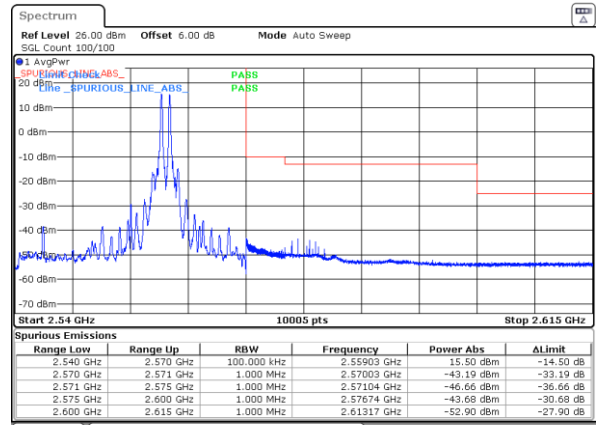
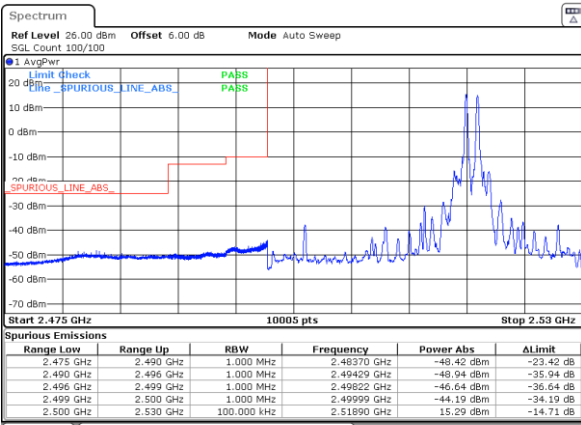


Date: 27_JUN,2023 15:16:40

Date: 27_JUN,2023 15:27:44

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

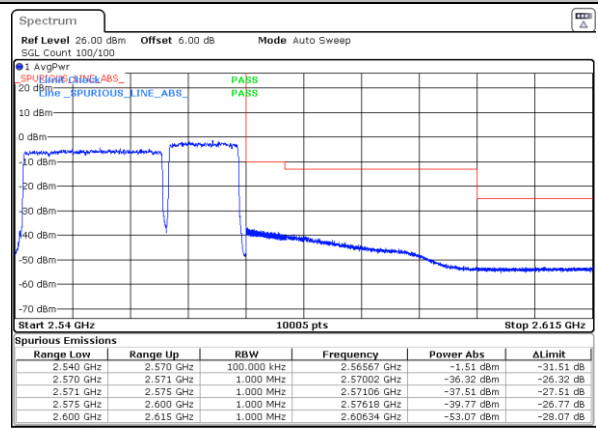
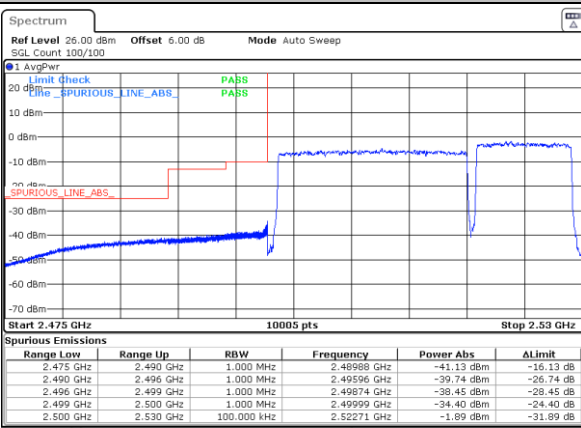


Date: 27_JUN,2023 15:19:21

Date: 27_JUN,2023 15:30:25

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27_JUN,2023 15:22:04

Date: 27_JUN,2023 15:33:06

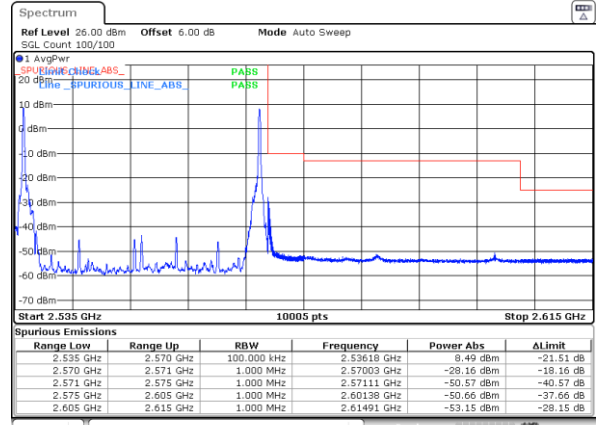
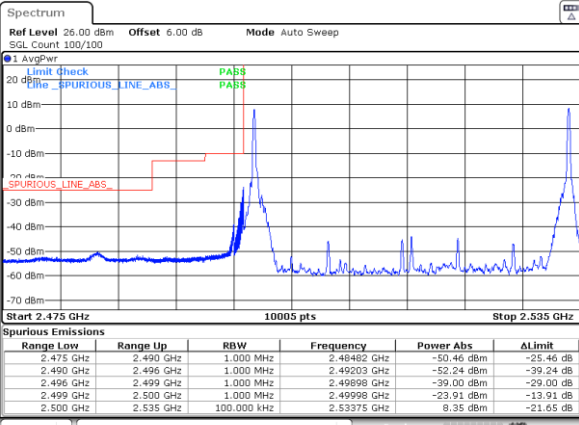


LTE Band 7 / 20MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

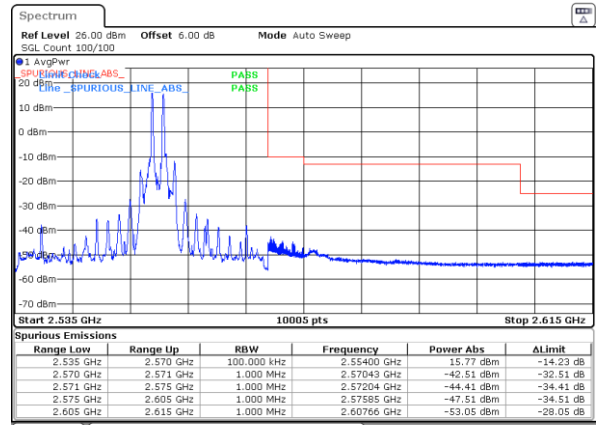
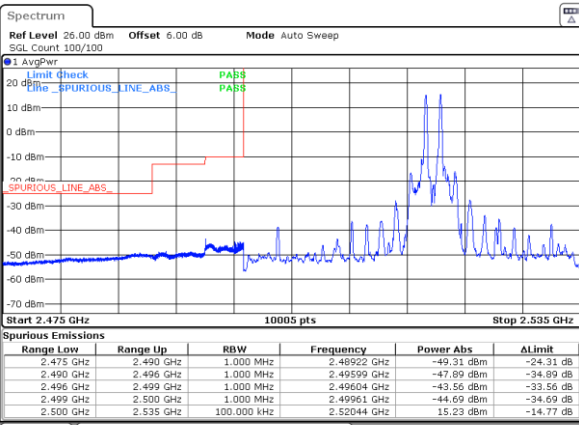


Date: 27_JUN,2023 15:37:10

Date: 27_JUN,2023 15:14:22

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

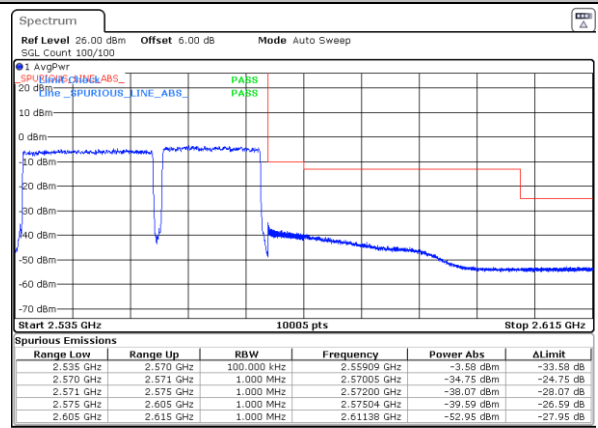
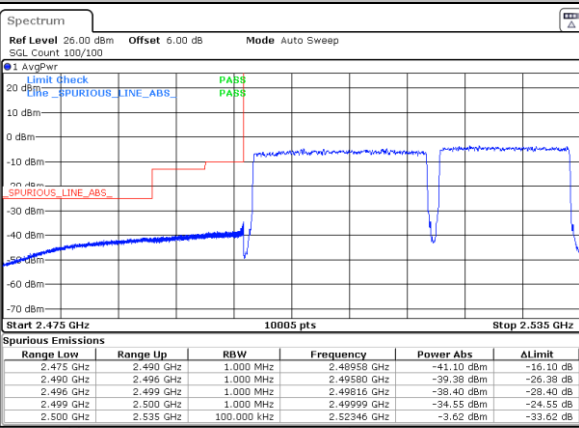


Date: 27_JUN,2023 15:40:00

Date: 27_JUN,2023 15:51:03

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27_JUN,2023 15:42:42

Date: 27_JUN,2023 15:53:44

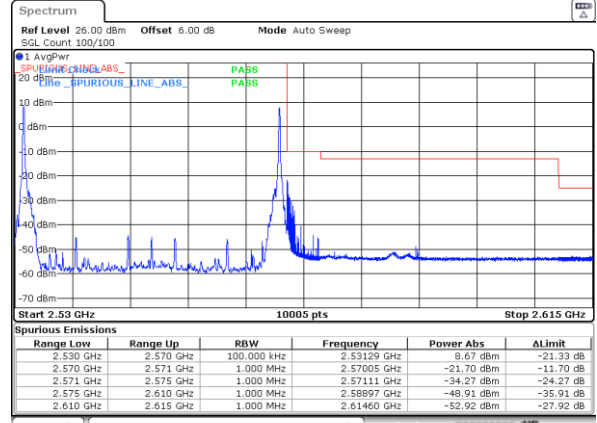
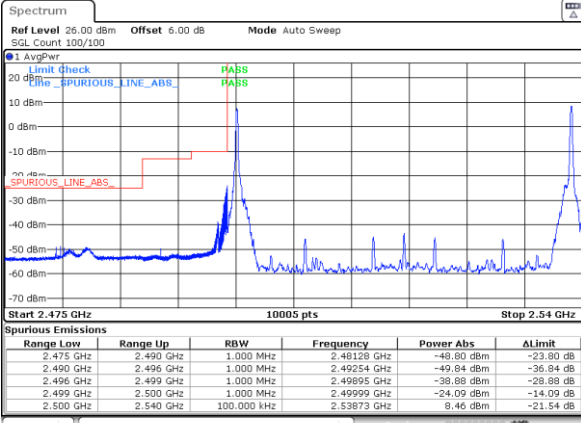


LTE Band 7 / 20MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

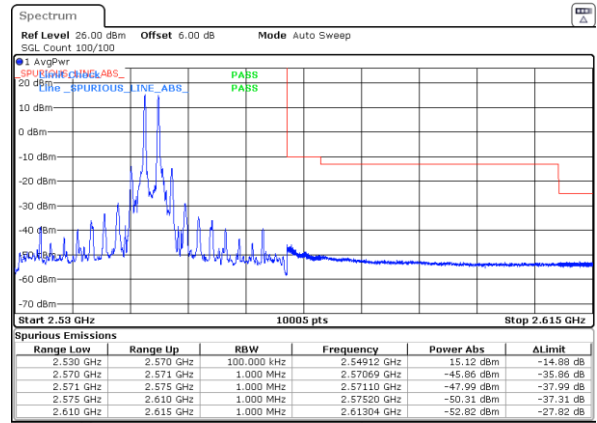
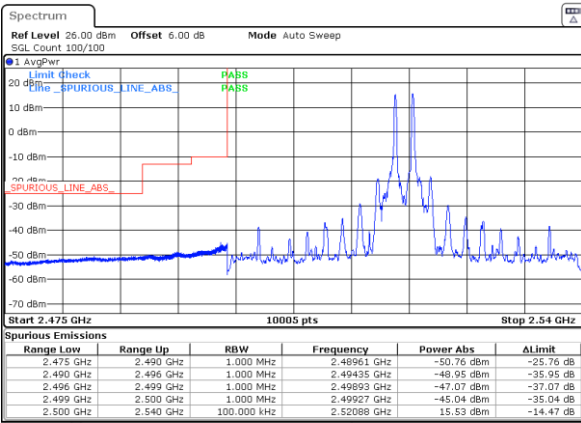


Date: 27 JUN 2023 15:57:58

Date: 27 JUN 2023 16:09:02

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

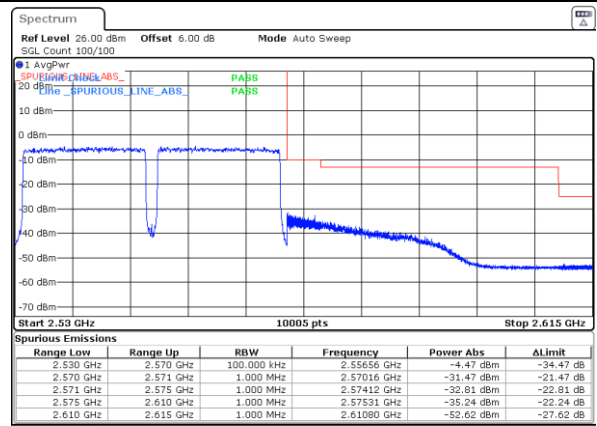
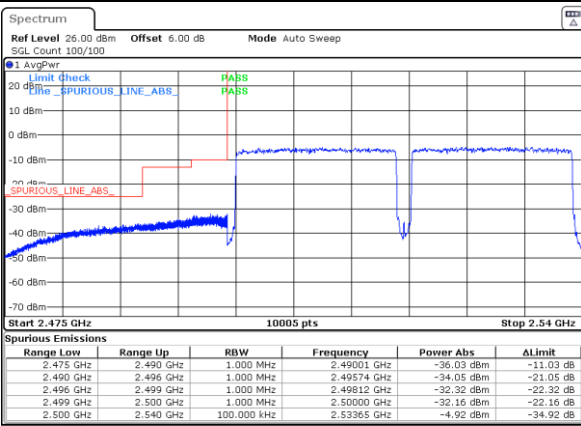


Date: 27 JUN 2023 16:00:39

Date: 27 JUN 2023 16:11:43

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27 JUN 2023 16:03:21

Date: 27 JUN 2023 16:14:24

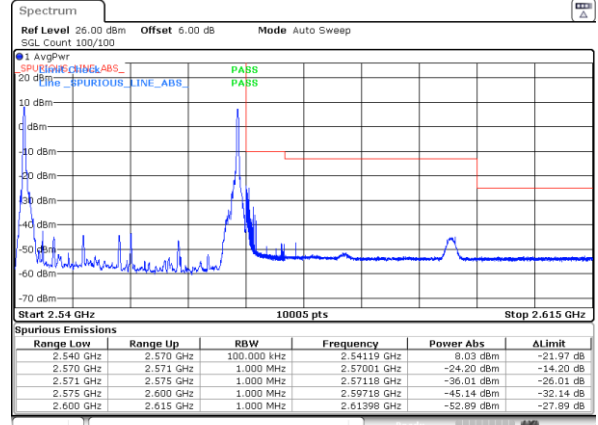
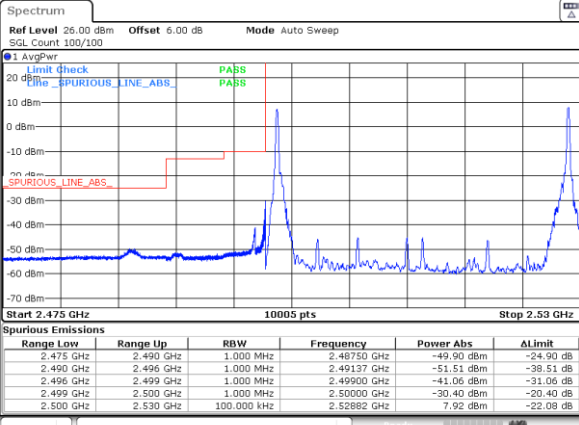


LTE Band 7 / 10MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

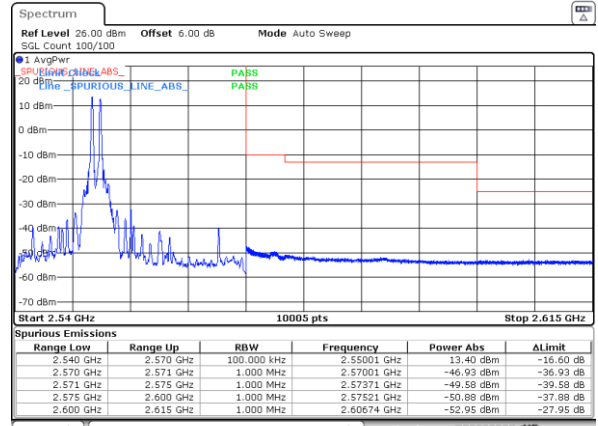
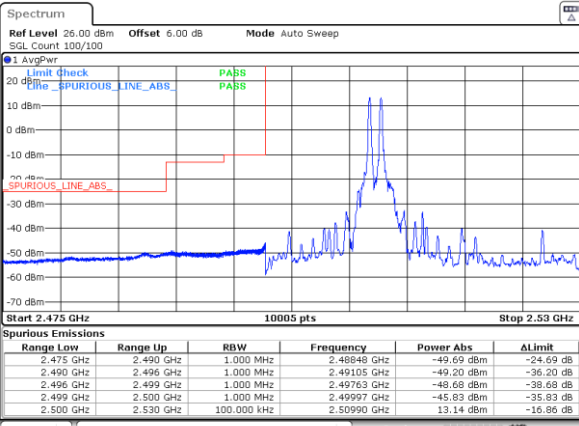


Date: 27 JUN 2023 13:44:19

Date: 27 JUN 2023 14:00:32

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

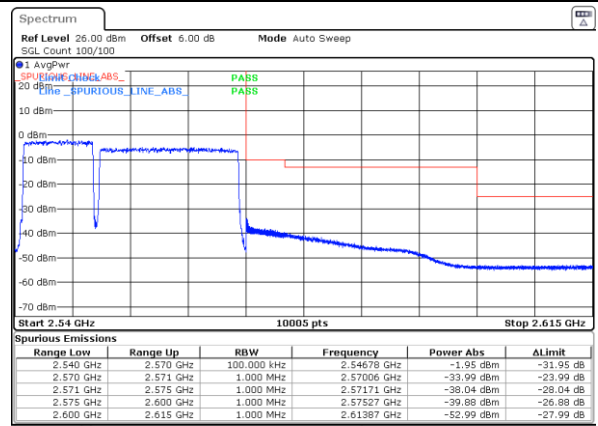
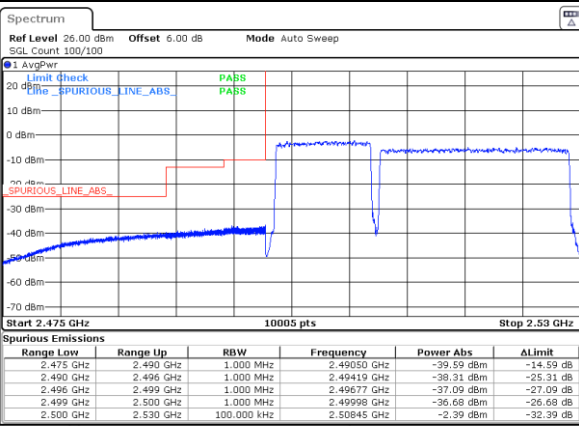


Date: 27 JUN 2023 13:44:18

Date: 27 JUN 2023 14:00:59

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27 JUN 2023 13:53:47

Date: 27 JUN 2023 14:09:27