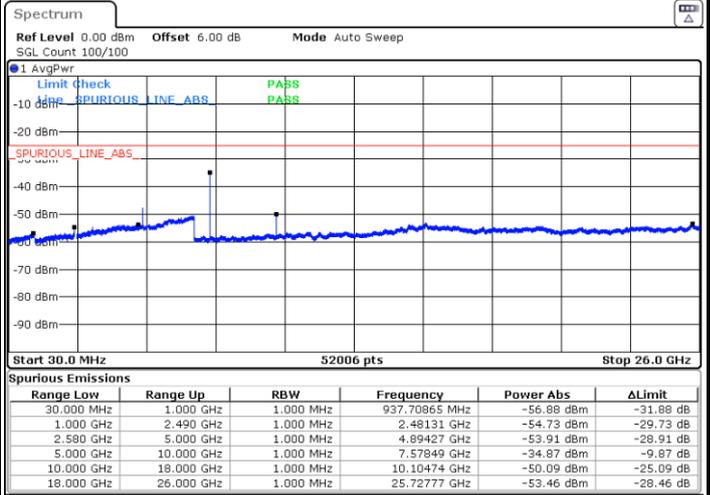
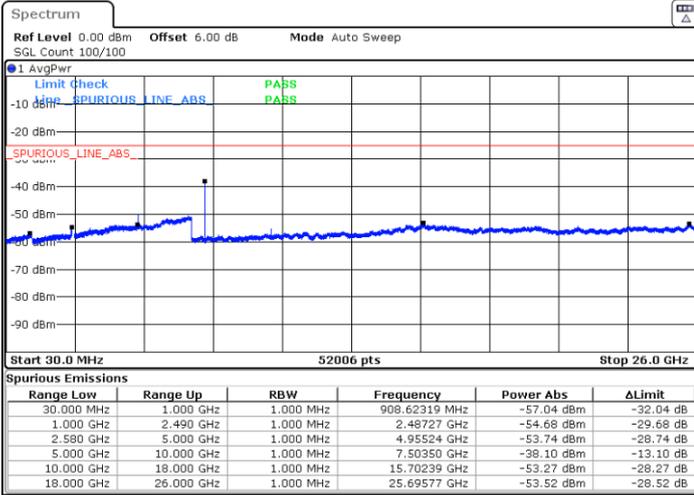




LTE Band 7 / 20MHz

Lowest Channel / QPSK

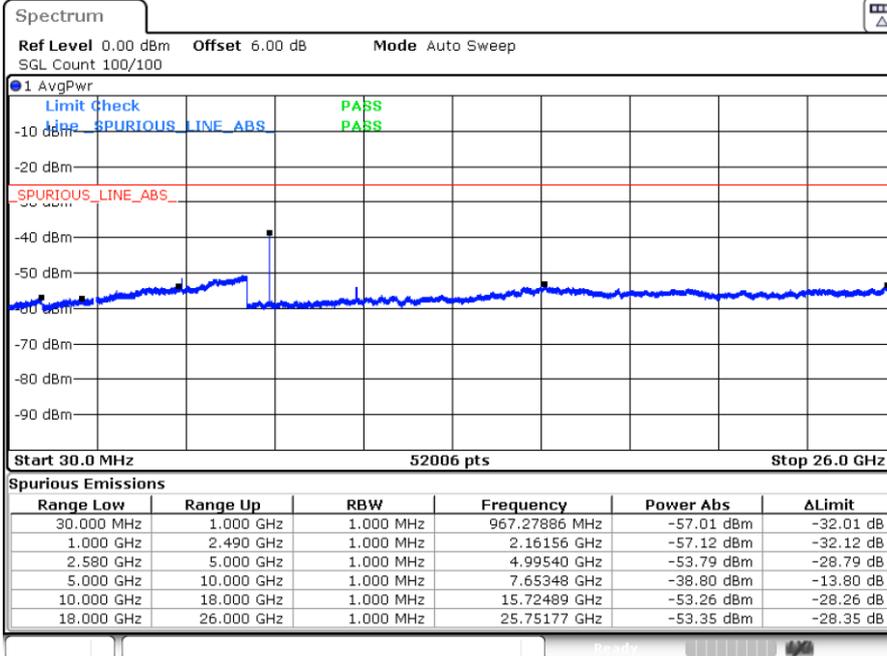
Middle Channel / QPSK



Date: 21.NOV.2024 06:29:19

Date: 21.NOV.2024 06:30:39

Highest Channel / QPSK



Date: 21.NOV.2024 06:32:00



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	0.0005	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0054	
0	Normal Voltage	0.0068	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0074	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0029	
20	Battery End Point	0.0063	

Note:

1. Normal Voltage =3.69 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.1 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C(Main PA)

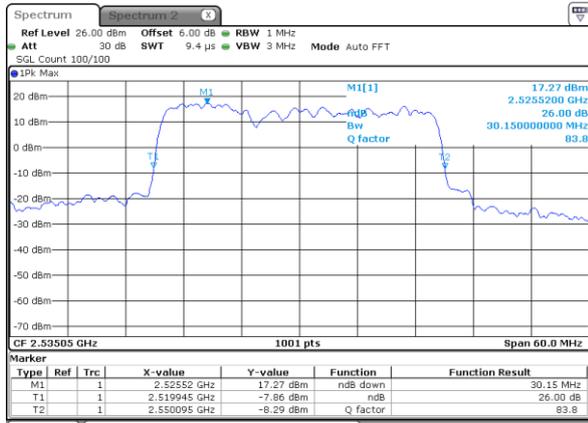
26dB Bandwidth

Mode	LTE Band 7c : 26dB BW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	30.15	30.09
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.57	25.48
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.81	30.99
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	35.04	34.97
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.15	30.15
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	34.97	35.04
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	40.04	40.12



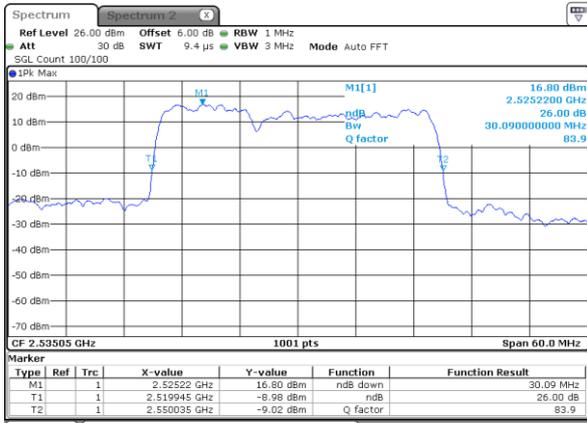
LTE Band 7

Middle Channel / 10MHz+20MHz / QPSK



Date: 6.NOV.2024 10:38:53

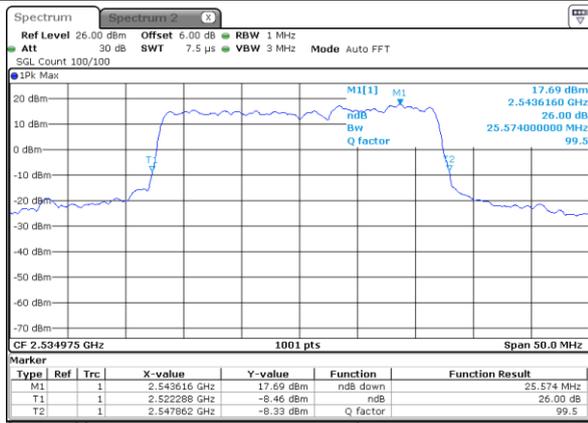
Middle Channel / 10MHz+20MHz / 16QAM



Date: 6.NOV.2024 10:39:21

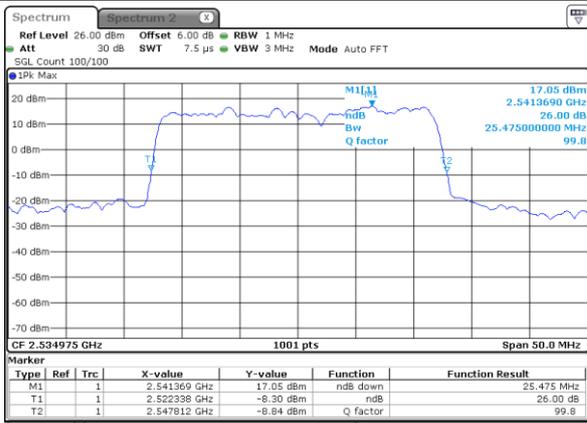
LTE Band 7

Middle Channel / 15MHz+10MHz / QPSK



Date: 6.NOV.2024 11:11:34

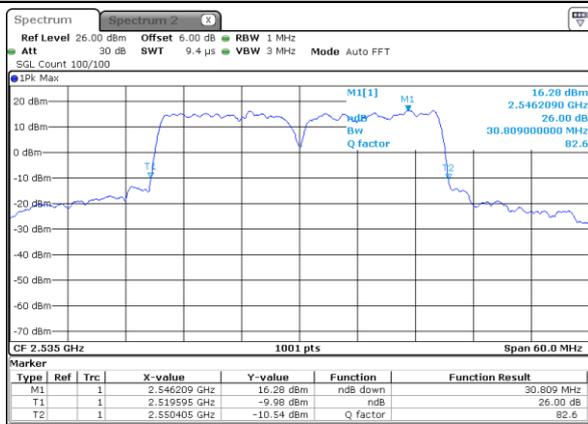
Middle Channel / 15MHz+10MHz / 16QAM



Date: 6.NOV.2024 11:12:02

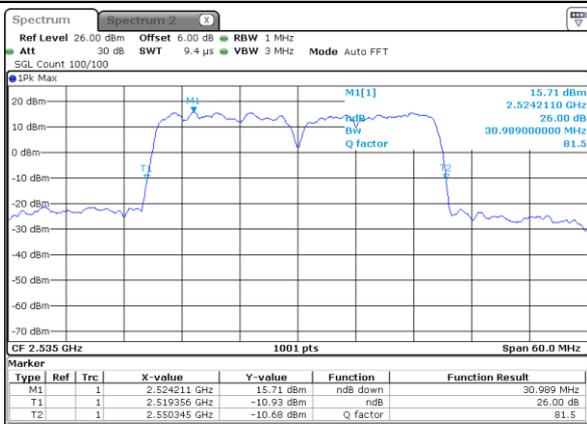
LTE Band 7

Middle Channel / 15MHz+15MHz / QPSK



Date: 6.NOV.2024 11:56:33

Middle Channel / 15MHz+15MHz / 16QAM

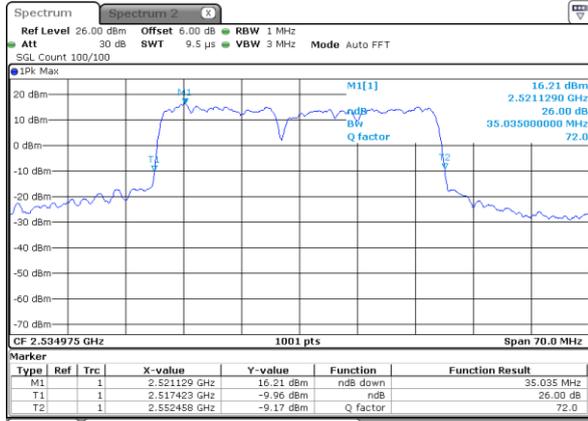


Date: 6.NOV.2024 11:57:01



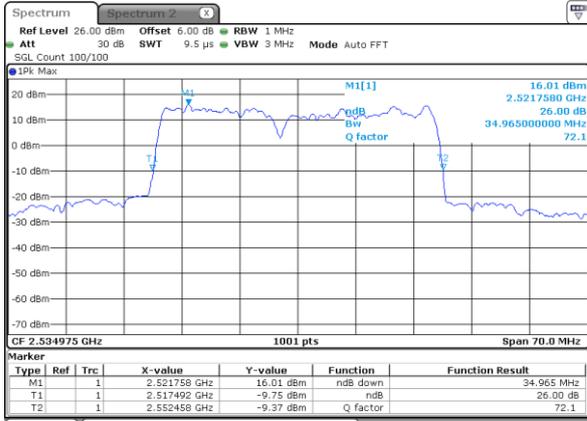
LTE Band 7

Middle Channel / 15MHz+20MHz / QPSK



Date: 6.NOV.2024 12:48:39

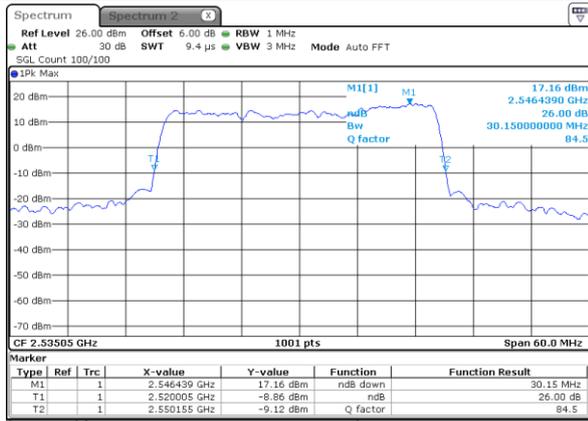
Middle Channel / 15MHz+20MHz / 16QAM



Date: 6.NOV.2024 12:49:07

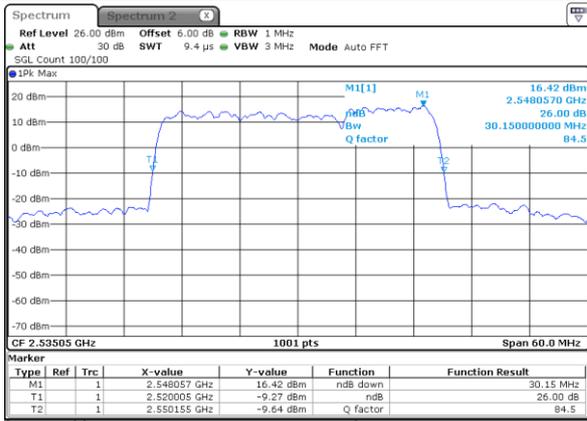
LTE Band 7

Middle Channel / 20MHz+10MHz / QPSK



Date: 6.NOV.2024 13:46:14

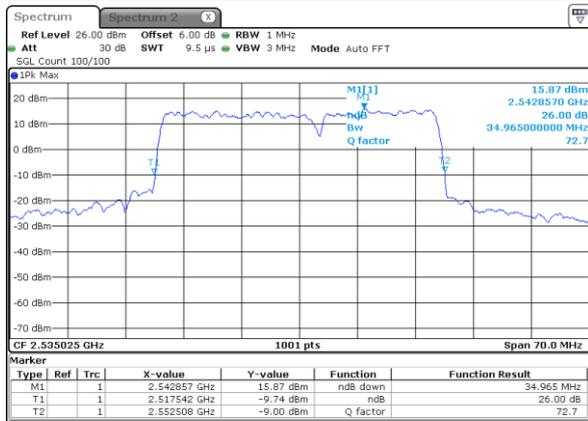
Middle Channel / 20MHz+10MHz / 16QAM



Date: 6.NOV.2024 13:46:42

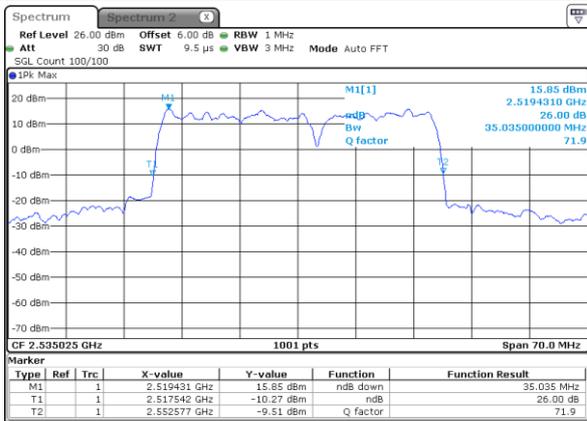
LTE Band 7

Middle Channel / 20MHz+15MHz / QPSK



Date: 6.NOV.2024 14:16:52

Middle Channel / 20MHz+15MHz / 16QAM

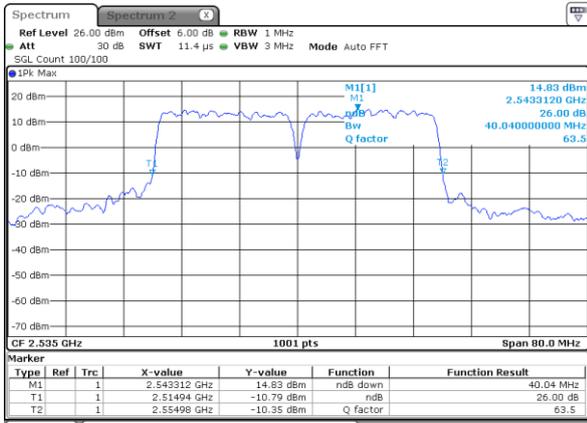


Date: 6.NOV.2024 14:17:20



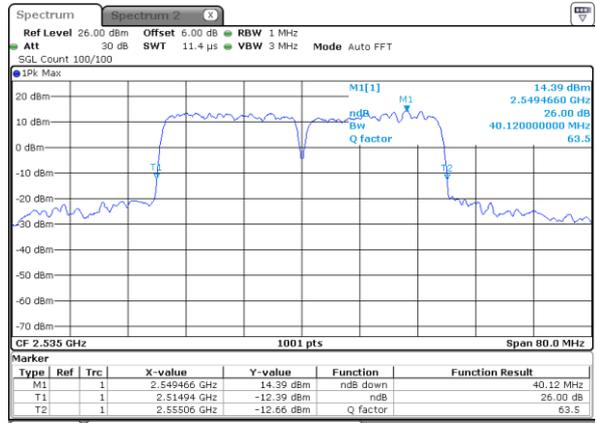
LTE Band 7

Middle Channel / 20MHz+20MHz / QPSK



Date: 6.NOV.2024 14:47:32

Middle Channel / 20MHz+20MHz / 16QAM



Date: 6.NOV.2024 14:48:00



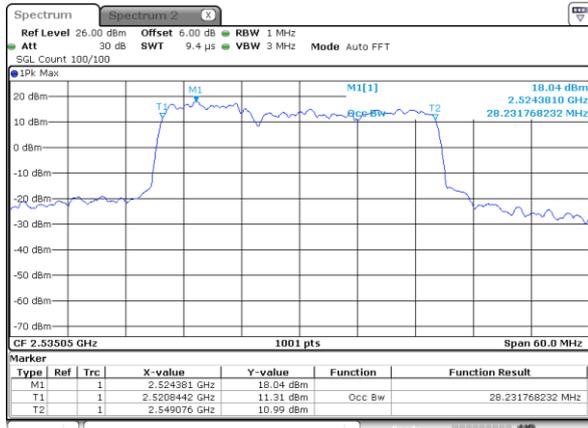
Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	28.23	28.11
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.63	23.53
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.83	28.83
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	33.01	33.08
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.11	28.17
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	33.01	33.01
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.96	37.88



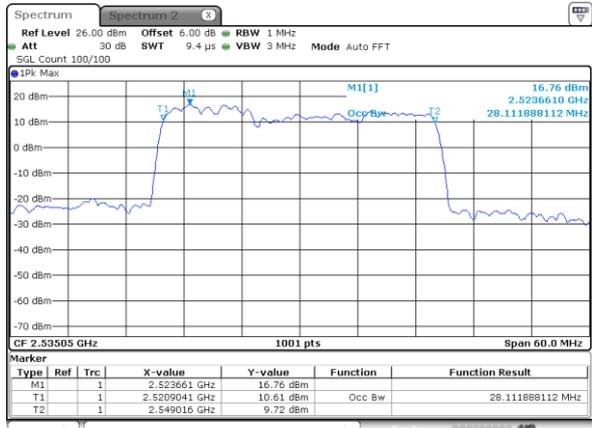
LTE Band 7

Middle Channel / 10MHz+20MHz / QPSK



Date: 6.NOV.2024 10:38:25

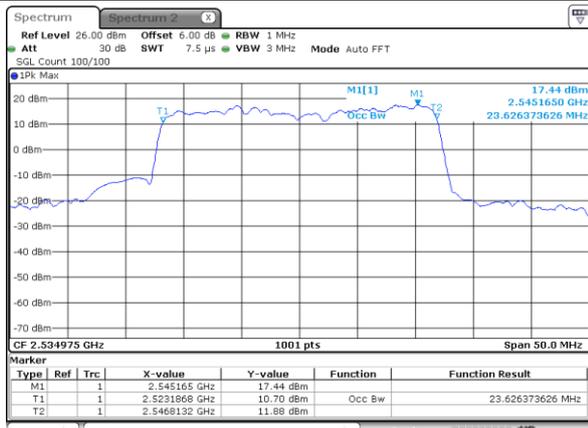
Middle Channel / 10MHz+20MHz / 16QAM



Date: 6.NOV.2024 10:39:48

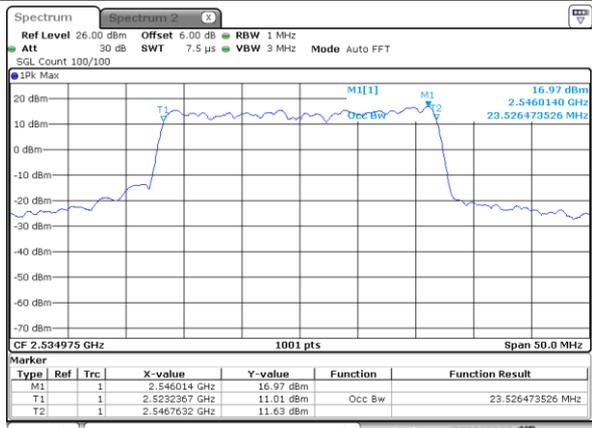
LTE Band 7

Middle Channel / 15MHz+10MHz / QPSK



Date: 6.NOV.2024 11:11:06

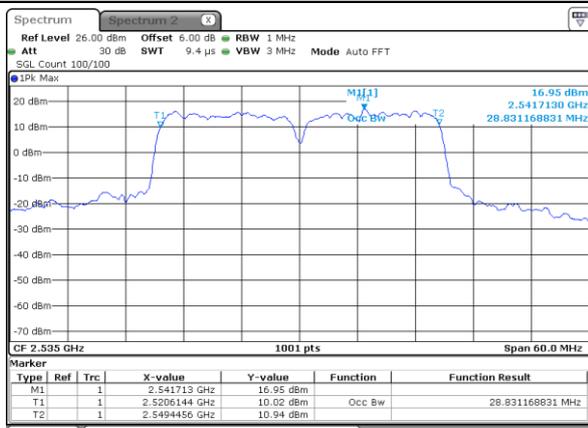
Middle Channel / 15MHz+10MHz / 16QAM



Date: 6.NOV.2024 11:12:29

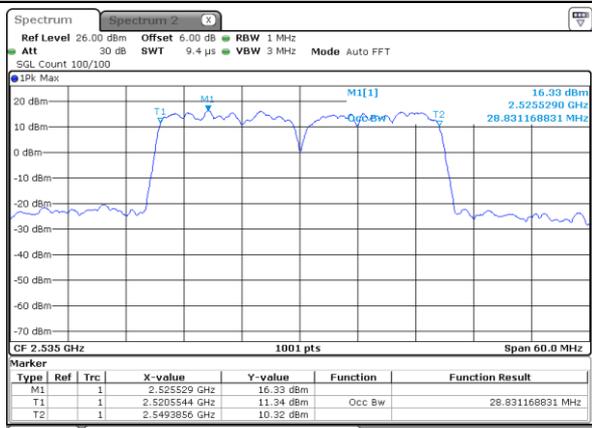
LTE Band 7

Middle Channel / 15MHz+15MHz / QPSK



Date: 6.NOV.2024 11:56:06

Middle Channel / 15MHz+15MHz / 16QAM

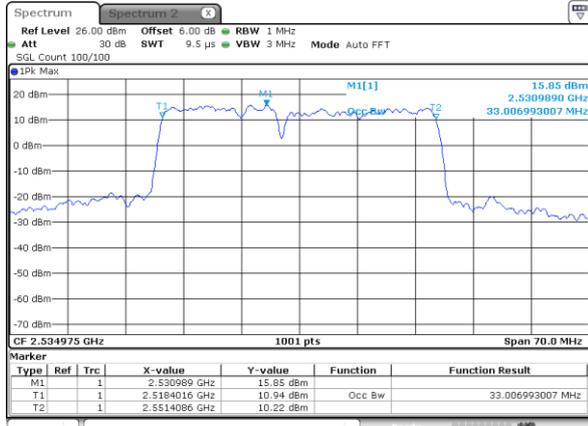


Date: 6.NOV.2024 11:57:28



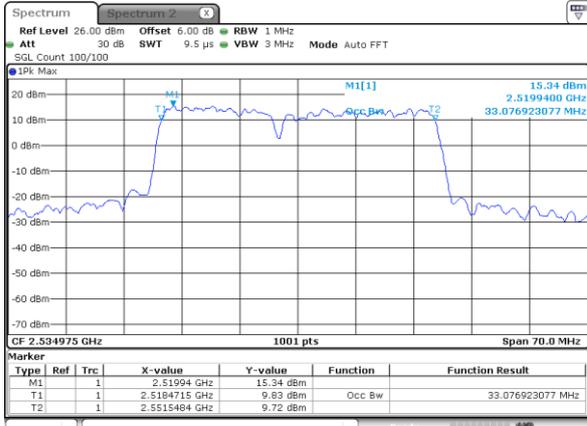
LTE Band 7

Middle Channel / 15MHz+20MHz / QPSK



Date: 6.NOV.2024 12:48:11

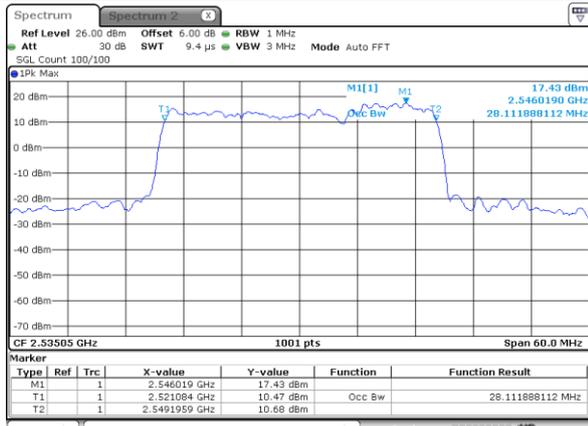
Middle Channel / 15MHz+20MHz / 16QAM



Date: 6.NOV.2024 12:49:34

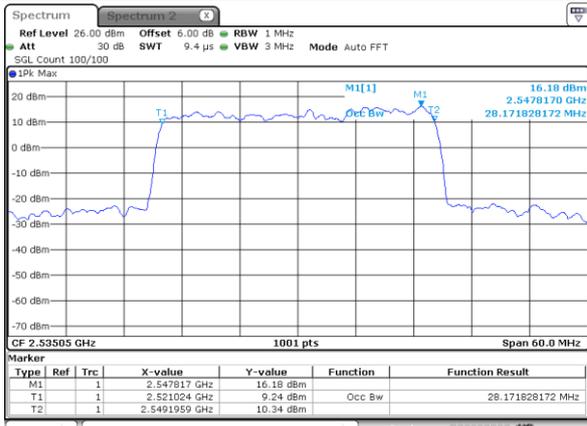
LTE Band 7

Middle Channel / 20MHz+10MHz / QPSK



Date: 6.NOV.2024 13:45:46

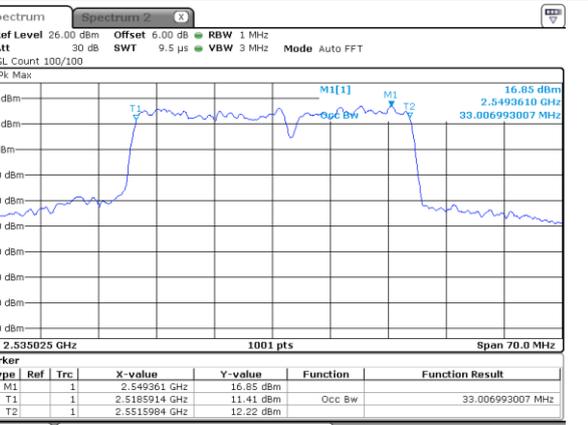
Middle Channel / 20MHz+10MHz / 16QAM



Date: 6.NOV.2024 13:47:09

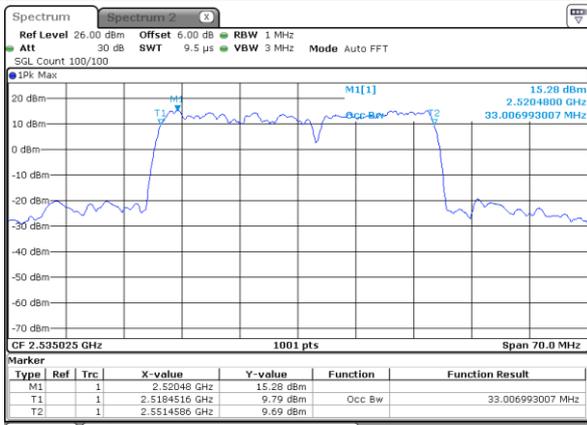
LTE Band 7

Middle Channel / 20MHz+15MHz / QPSK



Date: 6.NOV.2024 14:16:24

Middle Channel / 20MHz+15MHz / 16QAM

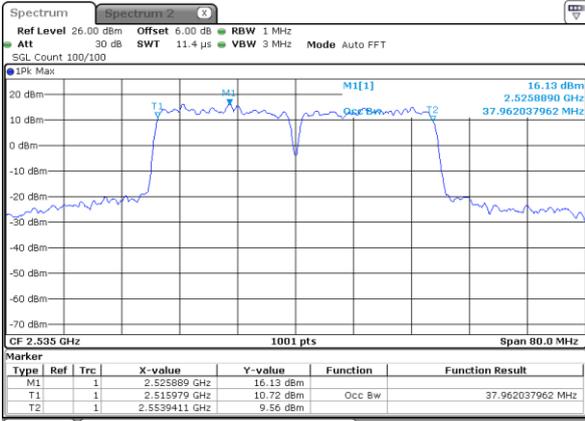


Date: 6.NOV.2024 14:17:47



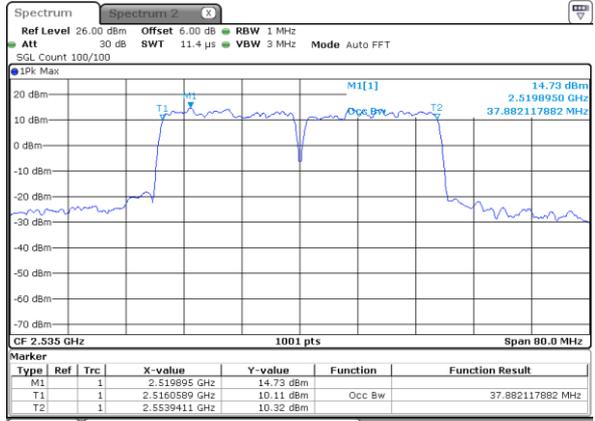
LTE Band 7

Middle Channel / 20MHz+20MHz / QPSK



Date: 6.NOV.2024 14:47:04

Middle Channel / 20MHz+20MHz / 16QAM



Date: 6.NOV.2024 14:48:27



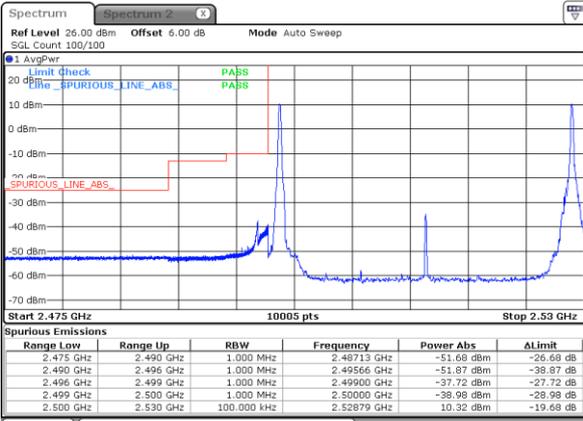
Conducted Band Edge

LTE Band 7 / 10MHz+20MHz

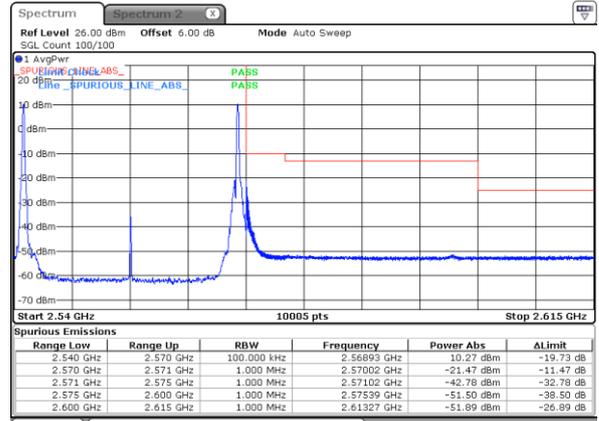
QPSK

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99



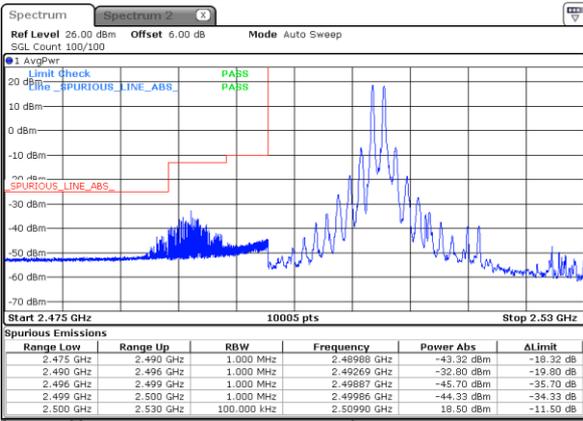
Date: 6.NOV.2024 10:14:00



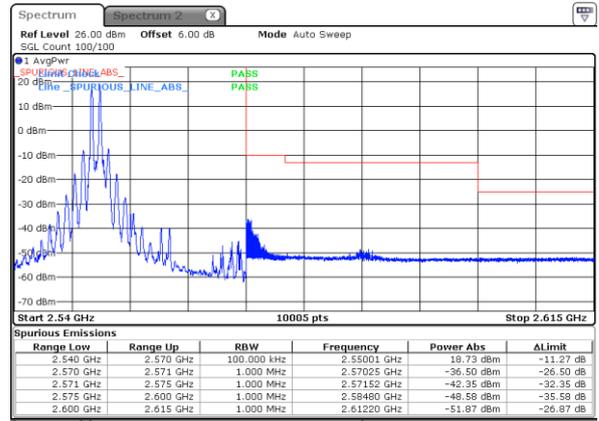
Date: 6.NOV.2024 10:28:42

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0



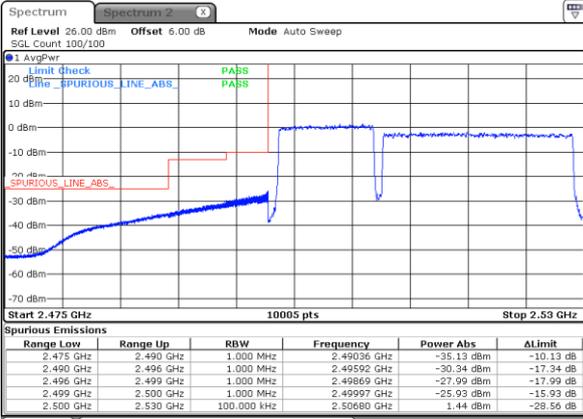
Date: 6.NOV.2024 10:17:32



Date: 6.NOV.2024 10:32:00



Lowest Band Edge / Full RB



Date: 6.NOV.2024 10:20:53

Highest Band Edge / Full RB

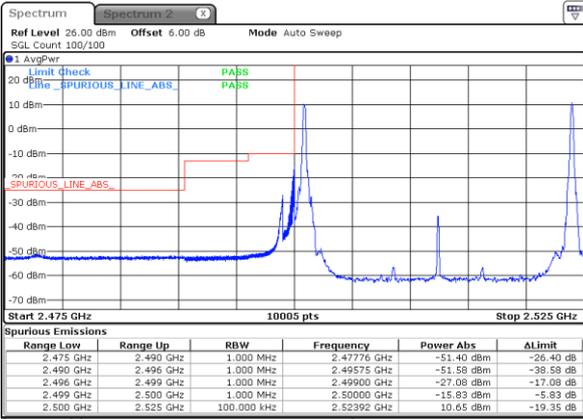


Date: 6.NOV.2024 10:35:22

LTE Band 7 / 15MHz+10MHz

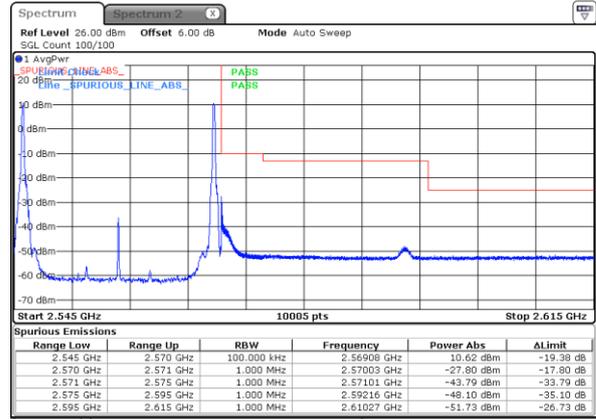
QPSK

Lowest Band Edge / 1RB0 and 1RB49



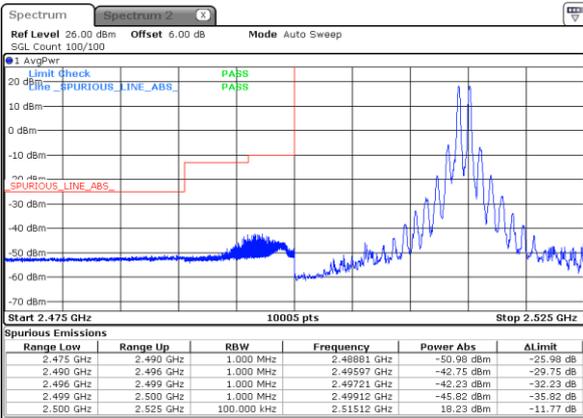
Date: 6.NOV.2024 10:46:49

Highest Band Edge / 1RB0 and 1RB49



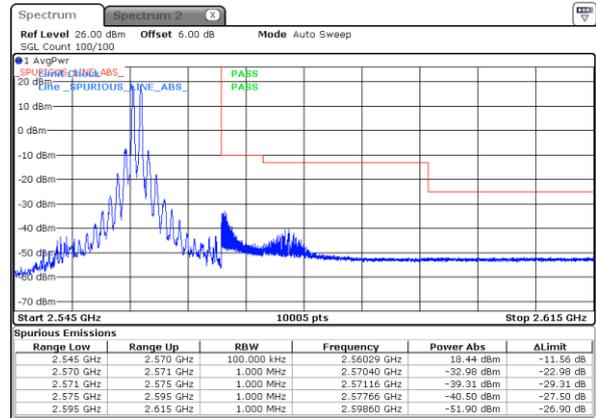
Date: 6.NOV.2024 11:01:18

Lowest Band Edge / 1RB74 and 1RB0

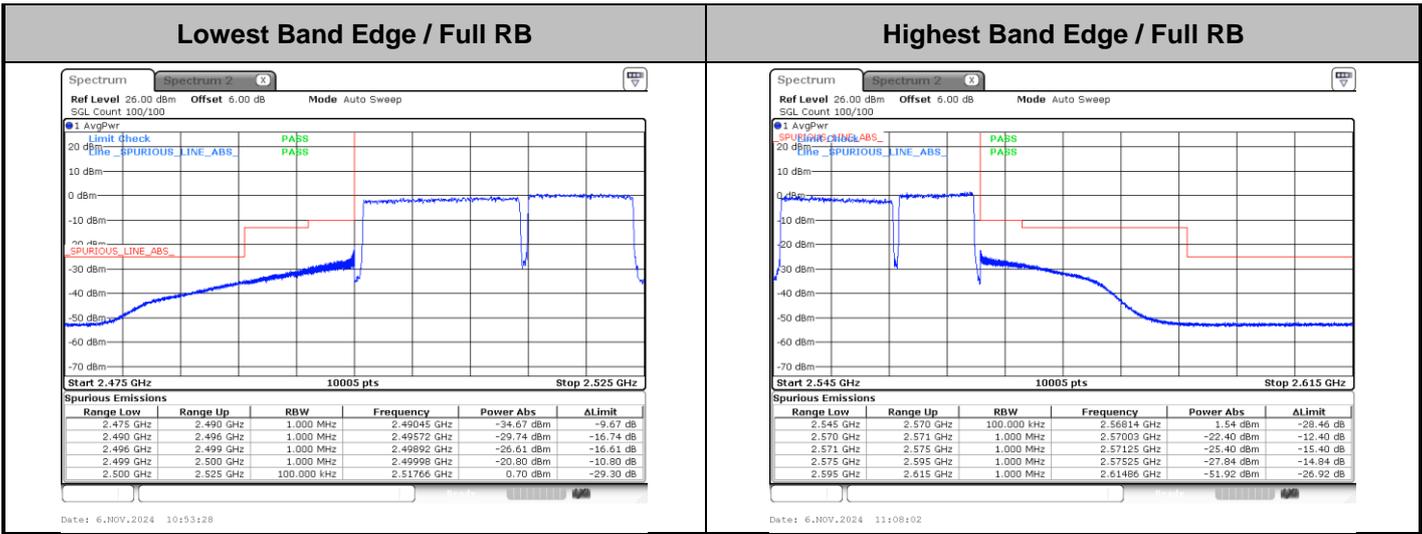


Date: 6.NOV.2024 10:50:07

Highest Band Edge / 1RB74 and 1RB0



Date: 6.NOV.2024 11:04:40

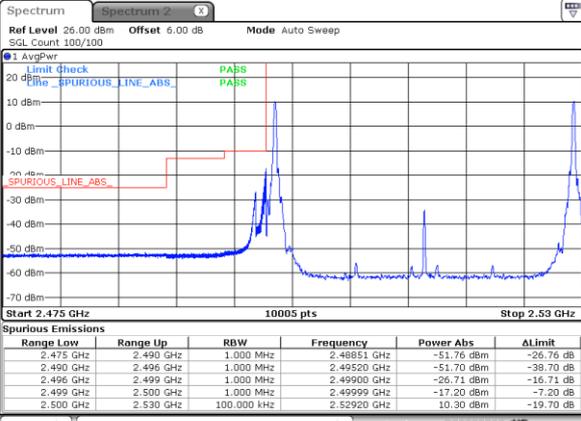




LTE Band 7 / 15MHz+15MHz

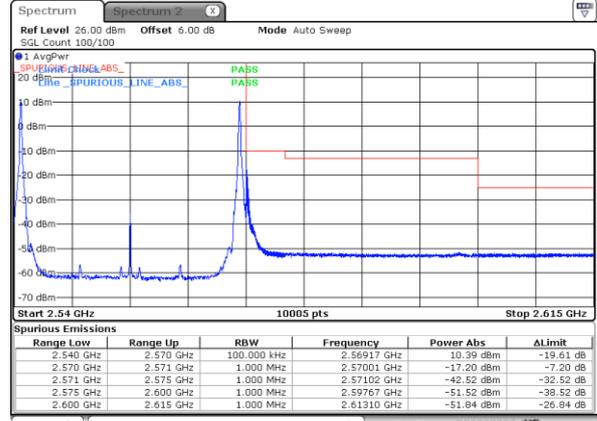
QPSK

Lowest Band Edge / 1RB0 and 1RB74



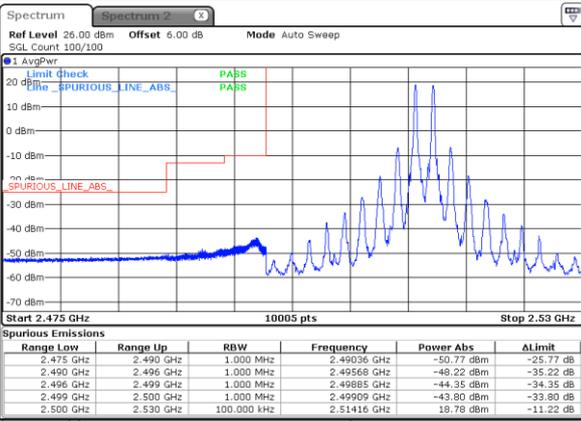
Date: 6.NOV.2024 11:16:15

Highest Band Edge / 1RB0 and 1RB74



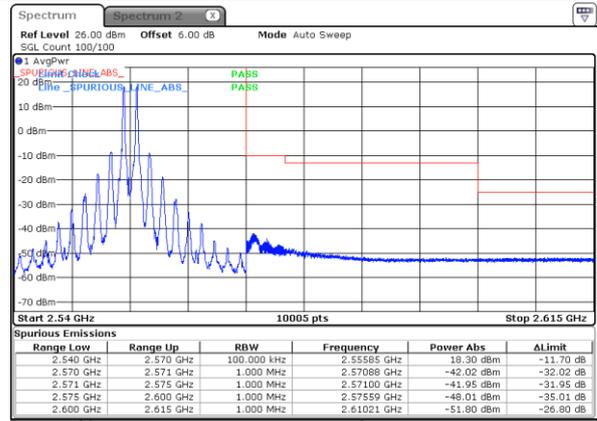
Date: 6.NOV.2024 11:38:56

Lowest Band Edge / 1RB74 and 1RB0



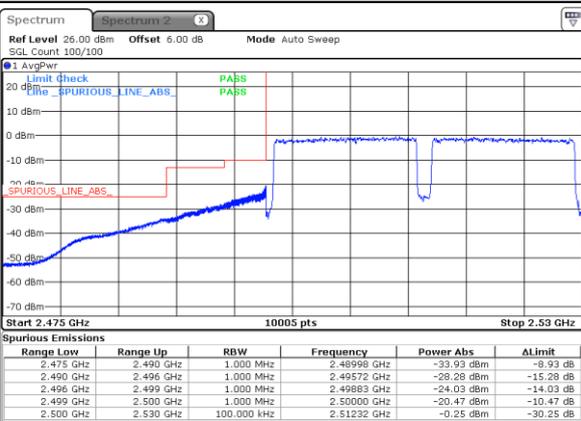
Date: 6.NOV.2024 11:22:18

Highest Band Edge / 1RB74 and 1RB0



Date: 6.NOV.2024 11:44:58

Lowest Band Edge / Full RB



Date: 6.NOV.2024 11:28:21

Highest Band Edge / Full RB



Date: 6.NOV.2024 11:51:00

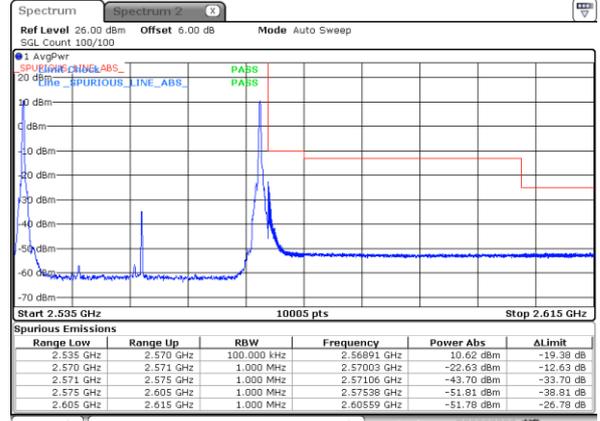
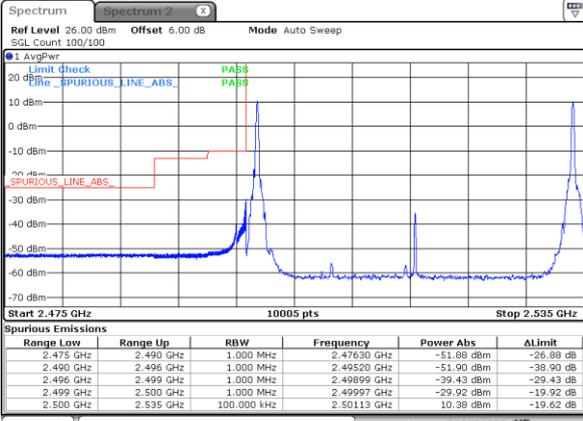


LTE Band 7 / 15MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

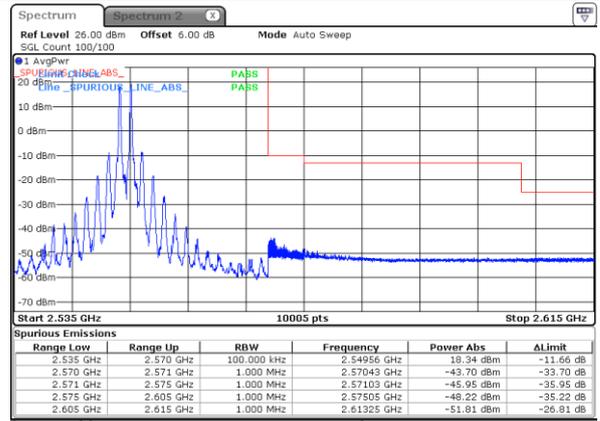
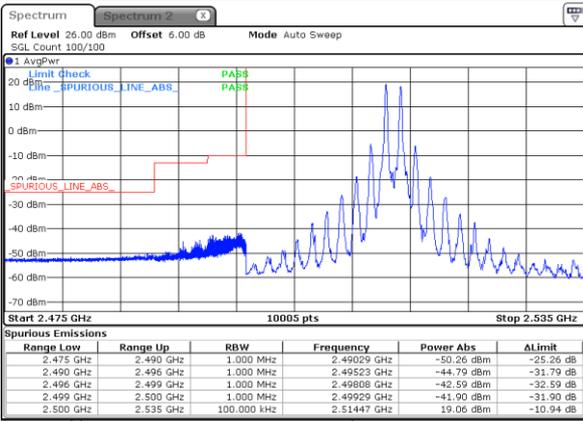


Date: 6.NOV.2024 12:27:44

Date: 6.NOV.2024 12:31:30

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

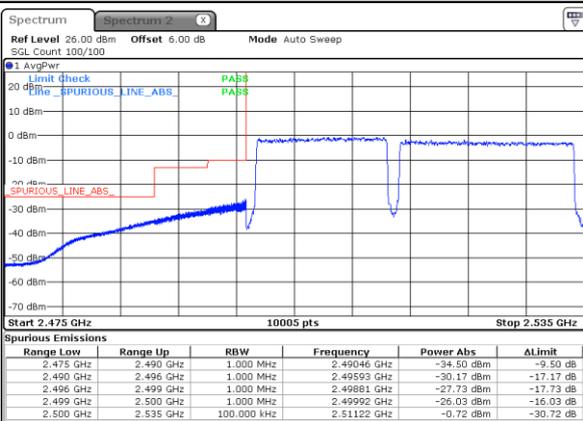


Date: 6.NOV.2024 12:31:45

Date: 6.NOV.2024 12:41:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6.NOV.2024 12:35:06

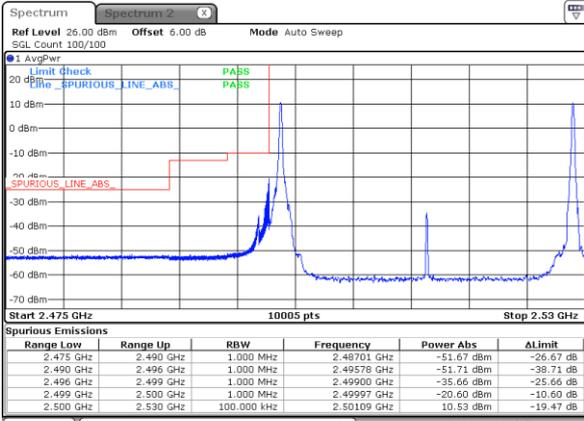
Date: 6.NOV.2024 12:45:09



LTE Band 7 / 20MHz+10MHz

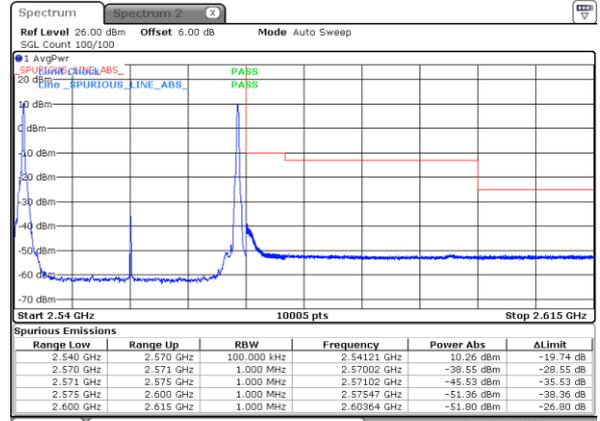
QPSK

Lowest Band Edge / 1RB0 and 1RB74



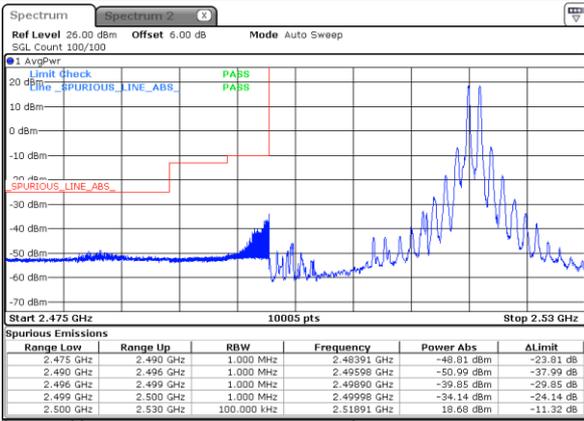
Date: 6.NOV.2024 12:52:40

Highest Band Edge / 1RB0 and 1RB74



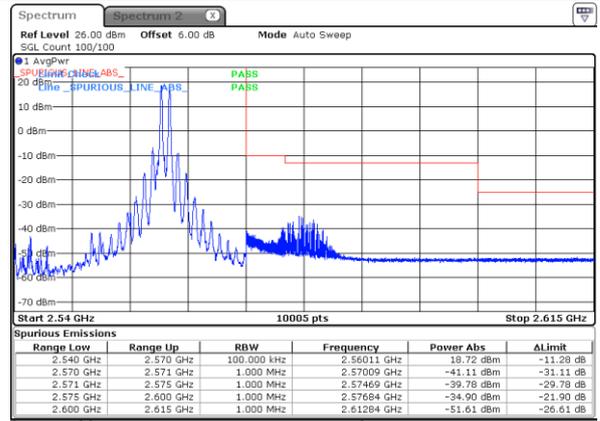
Date: 6.NOV.2024 13:19:49

Lowest Band Edge / 1RB99 and 1RB0



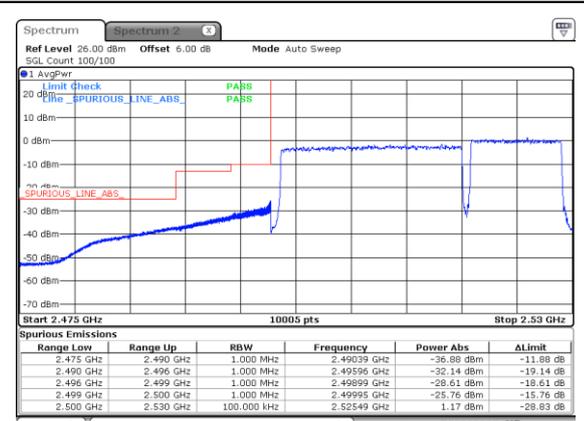
Date: 6.NOV.2024 12:55:59

Highest Band Edge / 1RB99 and 1RB0



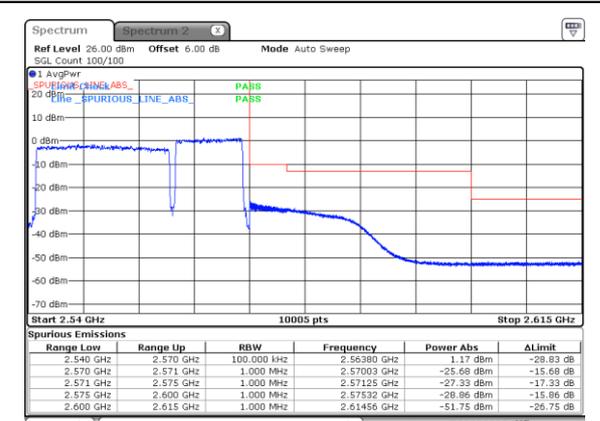
Date: 6.NOV.2024 13:22:06

Lowest Band Edge / Full RB



Date: 6.NOV.2024 12:55:59

Highest Band Edge / Full RB



Date: 6.NOV.2024 13:19:49

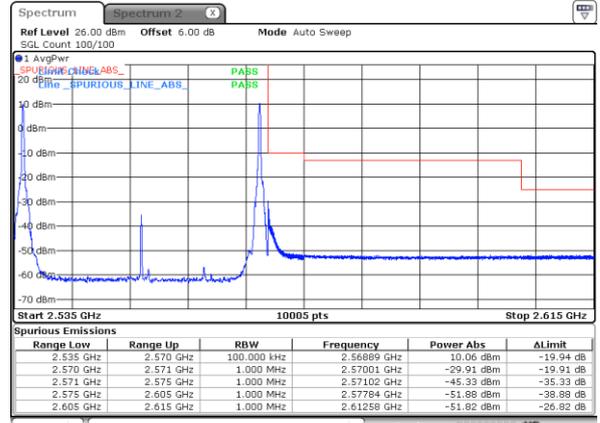
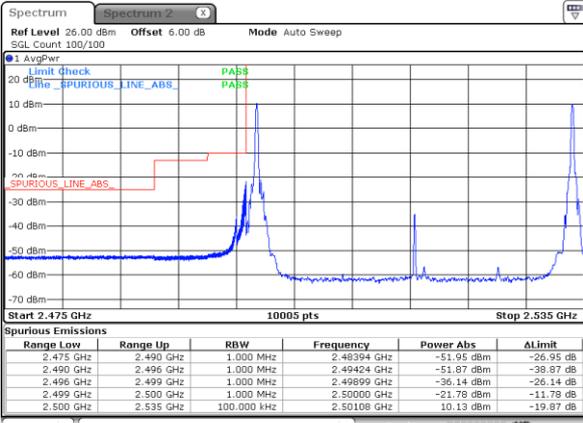


LTE Band 7 / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

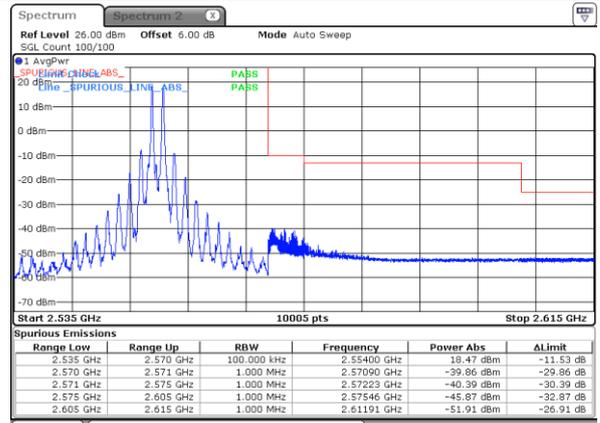
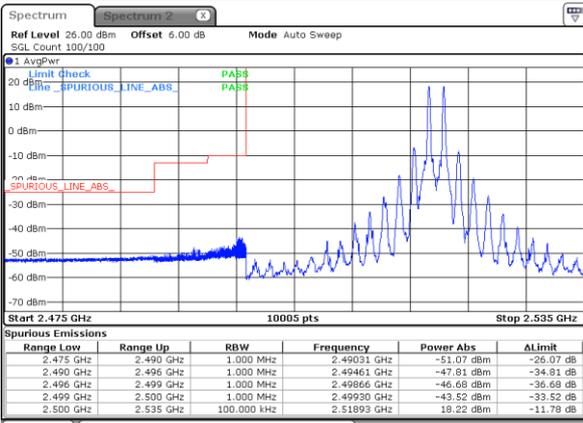


Date: 6.NOV.2024 13:50:21

Date: 6.NOV.2024 14:05:51

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0



Date: 6.NOV.2024 13:54:00

Date: 6.NOV.2024 14:09:28

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6.NOV.2024 13:57:41

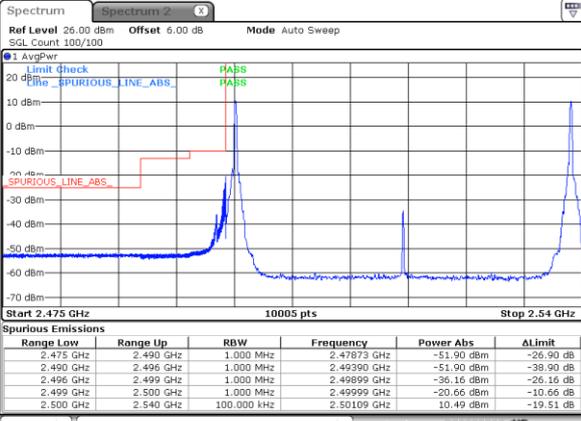
Date: 6.NOV.2024 14:13:07



LTE Band 7 / 20MHz+20MHz

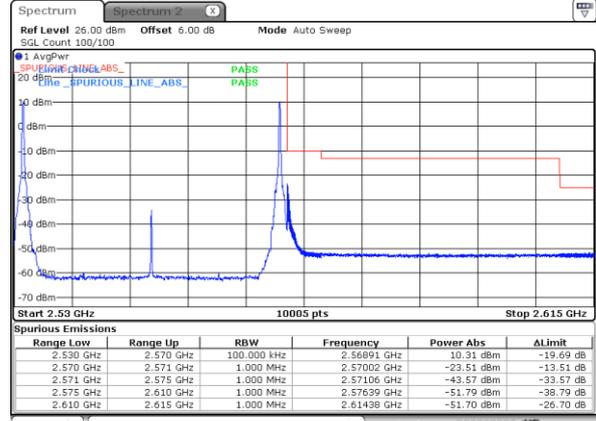
QPSK

Lowest Band Edge / 1RB0 and 1RB9



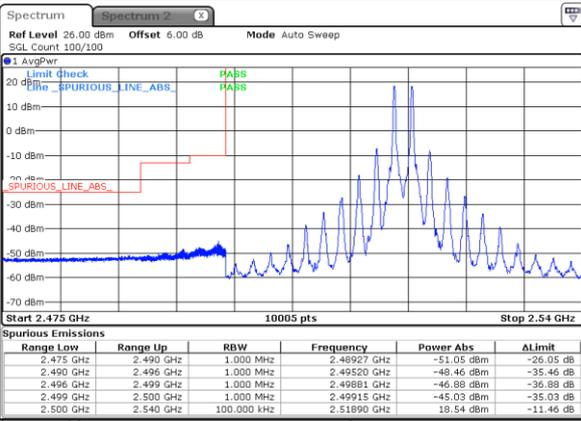
Date: 6.NOV.2024 14:20:58

Highest Band Edge / 1RB0 and 1RB9



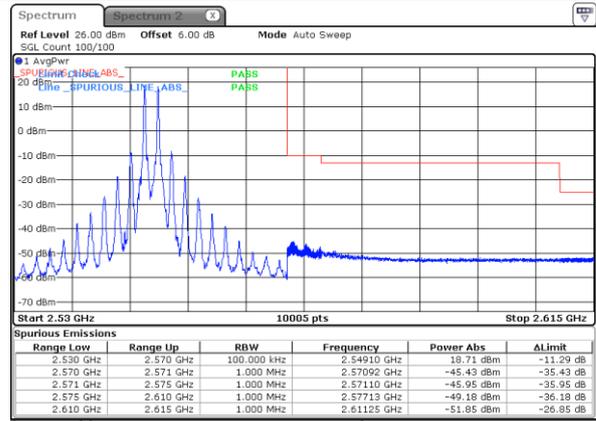
Date: 6.NOV.2024 14:36:29

Lowest Band Edge / 1RB99 and 1RB0



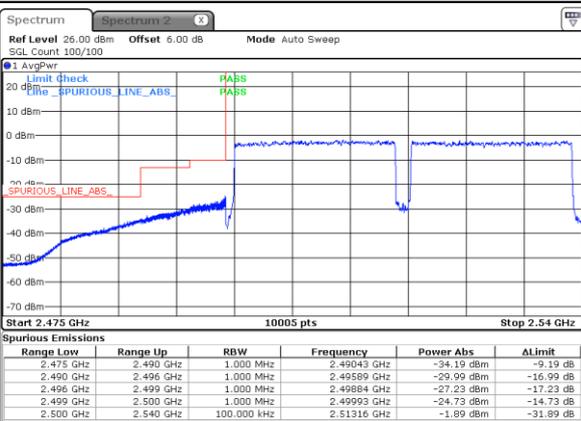
Date: 6.NOV.2024 14:24:37

Highest Band Edge / 1RB99 and 1RB0



Date: 6.NOV.2024 14:40:07

Lowest Band Edge / Full RB



Date: 6.NOV.2024 14:28:17

Highest Band Edge / Full RB



Date: 6.NOV.2024 14:43:46

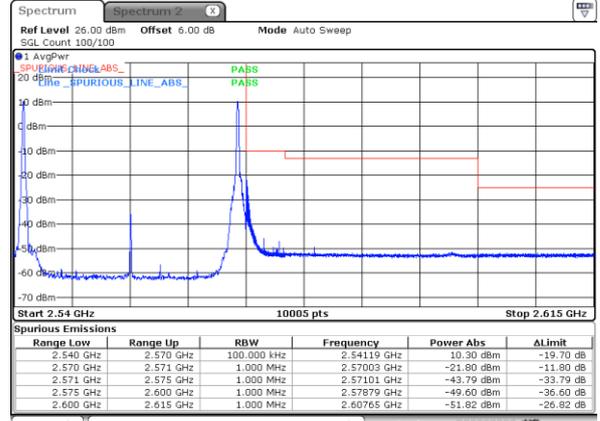
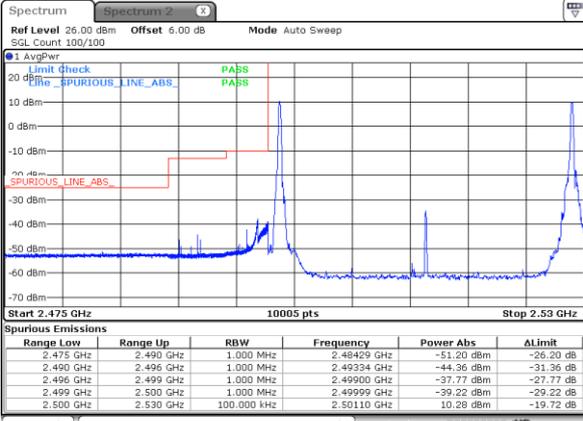


LTE Band 7 / 10MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

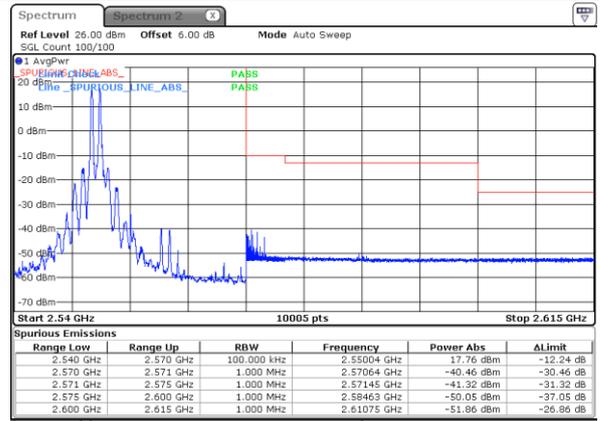
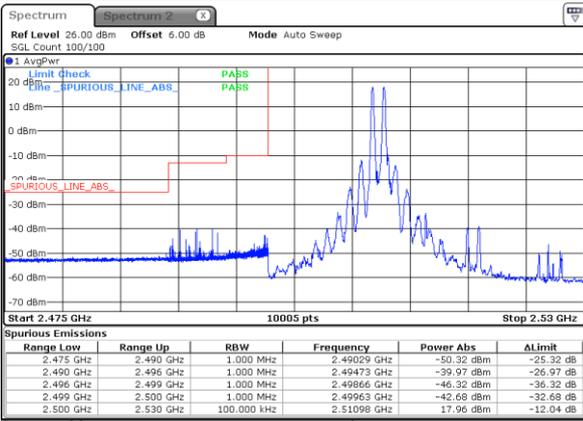


Date: 6.NOV.2024 10:14:55

Date: 6.NOV.2024 10:29:31

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0



Date: 6.NOV.2024 10:18:22

Date: 6.NOV.2024 10:32:49

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6.NOV.2024 10:21:42

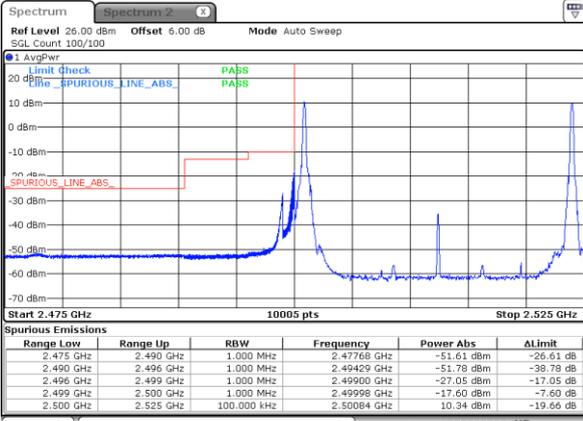
Date: 6.NOV.2024 10:36:12



LTE Band 7 / 15MHz+10MHz

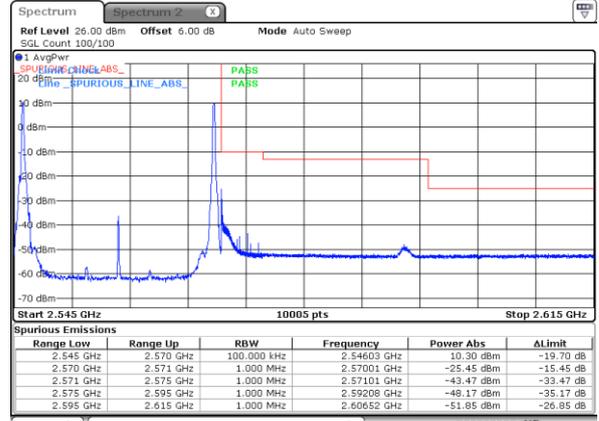
16QAM

Lowest Band Edge / 1RB0 and 1RB49



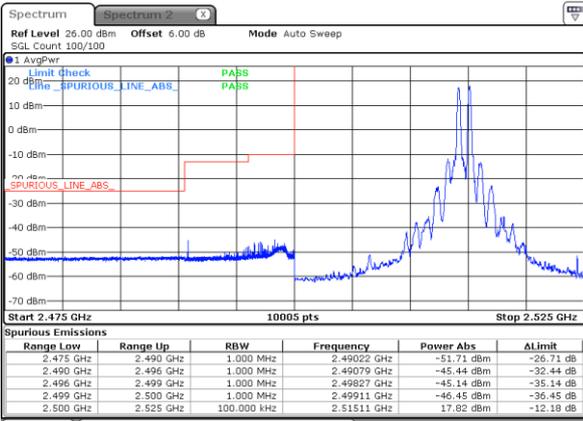
Date: 6.NOV.2024 10:47:38

Highest Band Edge / 1RB0 and 1RB49



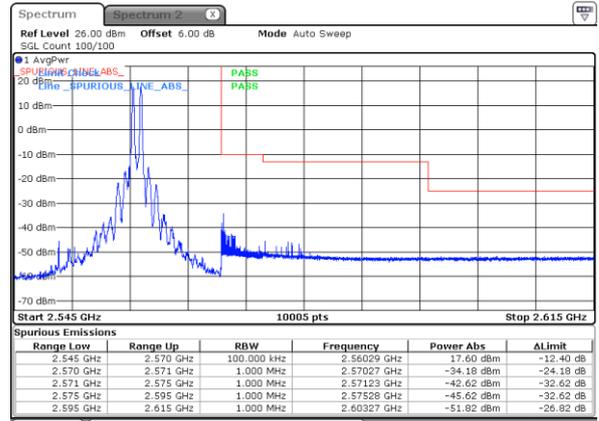
Date: 6.NOV.2024 11:02:09

Lowest Band Edge / 1RB74 and 1RB0



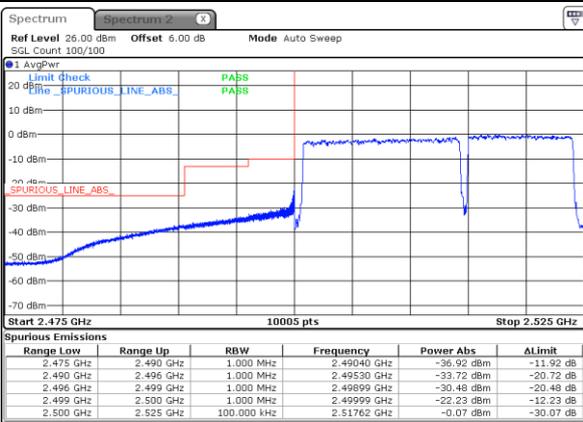
Date: 6.NOV.2024 10:50:57

Highest Band Edge / 1RB74 and 1RB0



Date: 6.NOV.2024 11:05:31

Lowest Band Edge / Full RB



Date: 6.NOV.2024 10:54:17

Highest Band Edge / Full RB



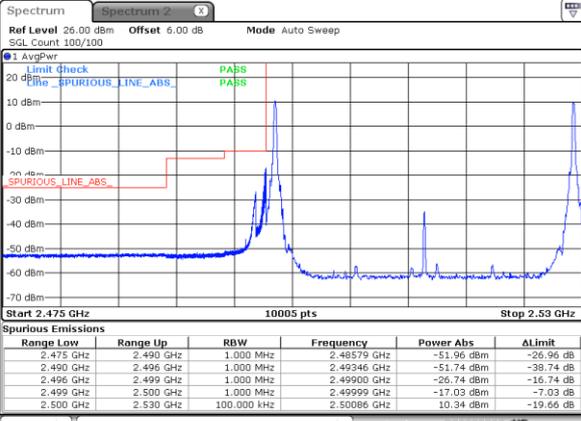
Date: 6.NOV.2024 11:08:52



LTE Band 7 / 15MHz+15MHz

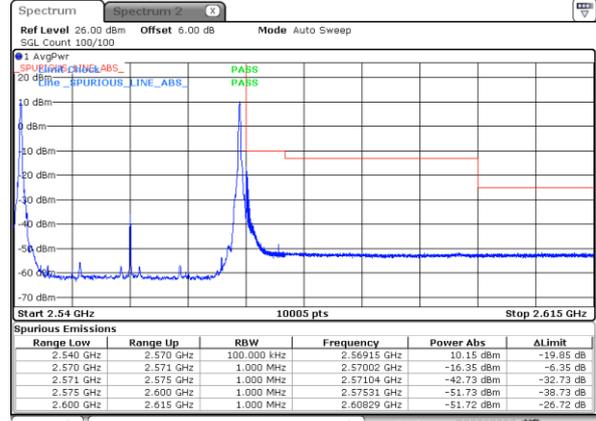
16QAM

Lowest Band Edge / 1RB0 and 1RB74



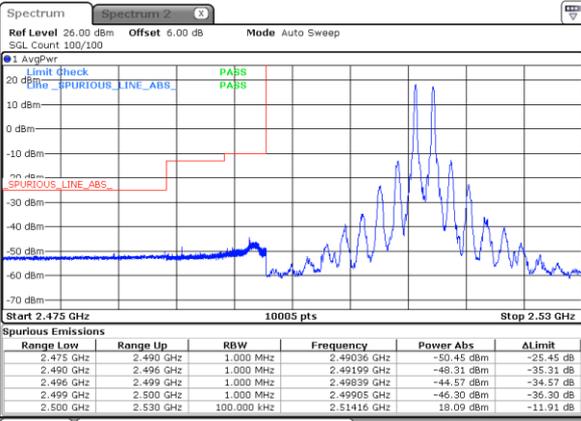
Date: 6.NOV.2024 11:17:46

Highest Band Edge / 1RB0 and 1RB74



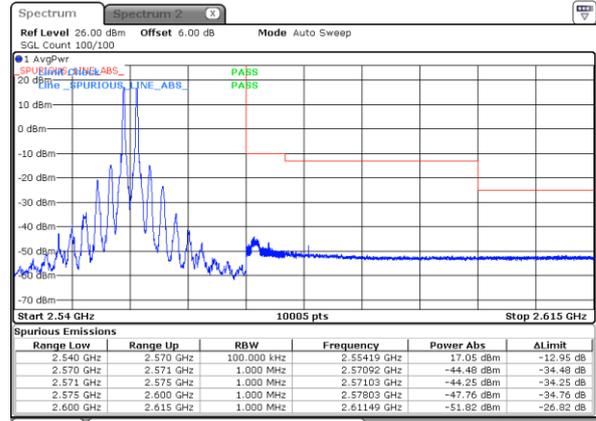
Date: 6.NOV.2024 11:40:26

Lowest Band Edge / 1RB74 and 1RB0



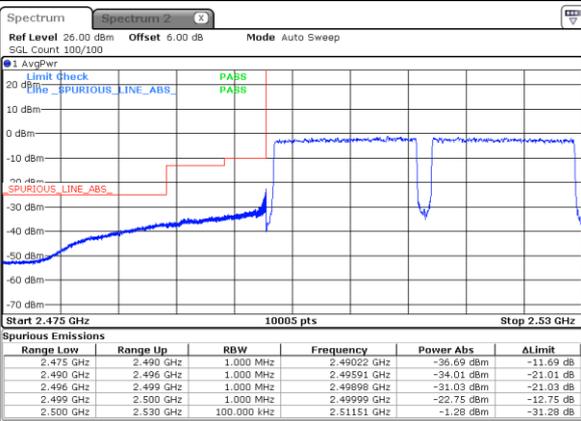
Date: 6.NOV.2024 11:23:49

Highest Band Edge / 1RB74 and 1RB0



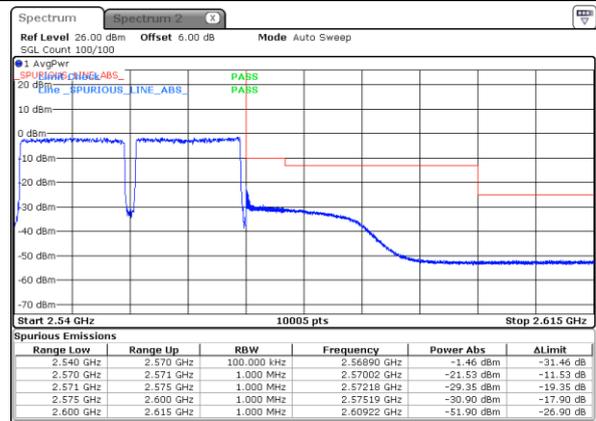
Date: 6.NOV.2024 11:46:28

Lowest Band Edge / Full RB



Date: 6.NOV.2024 11:29:52

Highest Band Edge / Full RB



Date: 6.NOV.2024 11:52:30

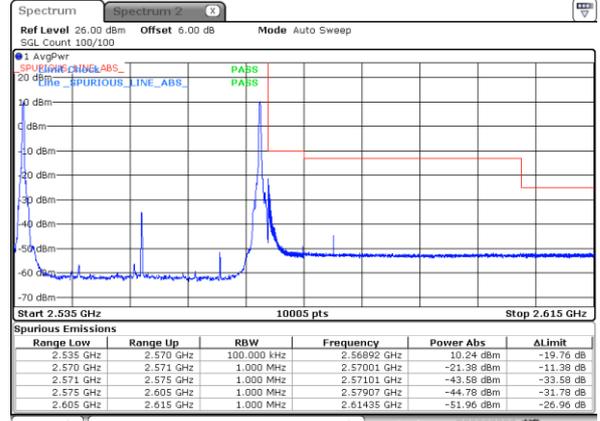
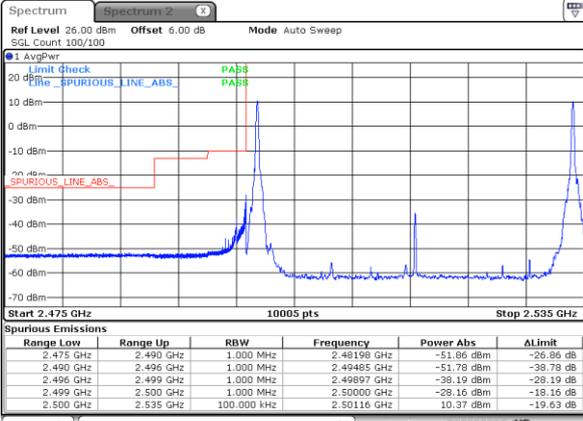


LTE Band 7 / 15MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

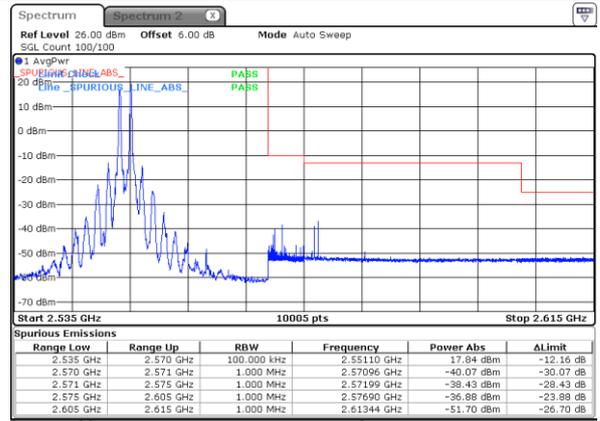
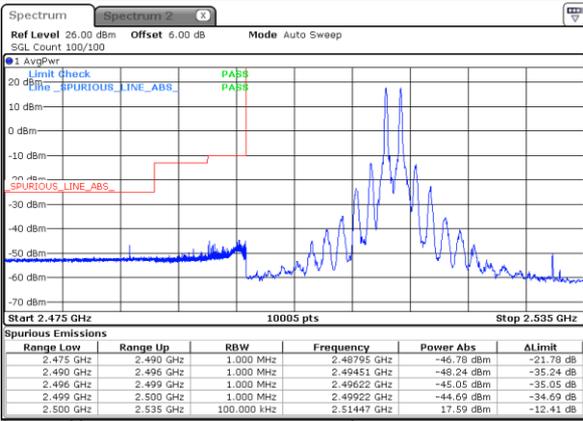


Date: 6.NOV.2024 12:29:15

Date: 6.NOV.2024 12:39:20

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

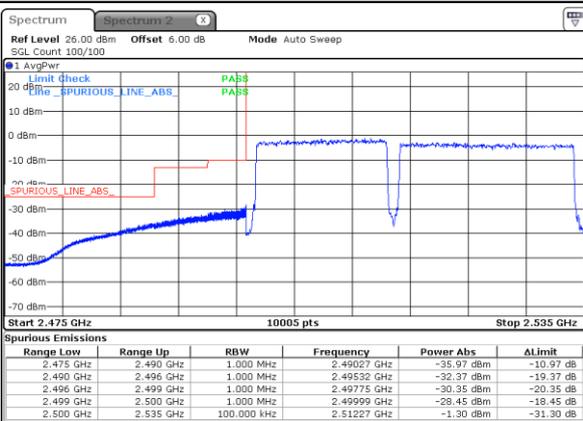


Date: 6.NOV.2024 12:32:35

Date: 6.NOV.2024 12:42:39

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6.NOV.2024 12:35:55

Date: 6.NOV.2024 12:45:58

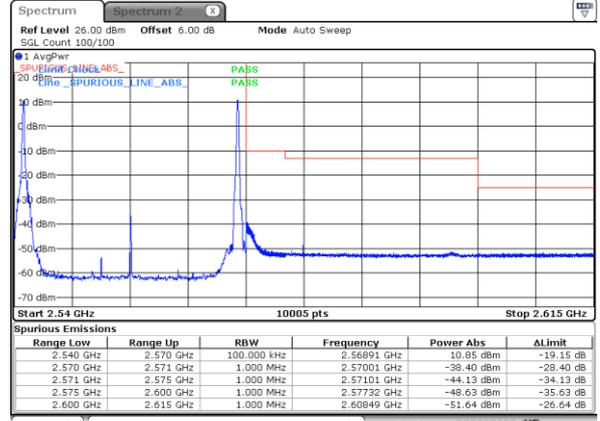
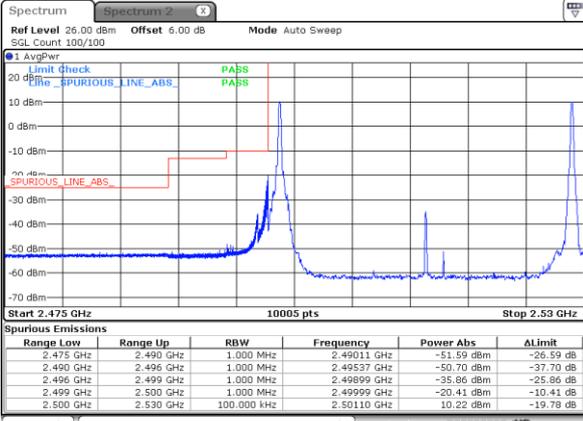


LTE Band 7 / 20MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

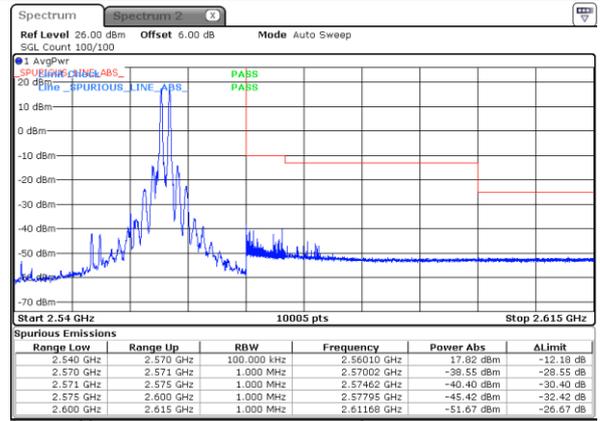
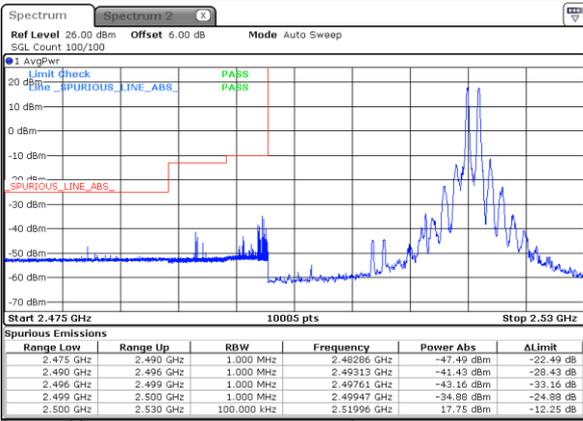


Date: 6.NOV.2024 12:53:30

Date: 6.NOV.2024 13:19:30

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

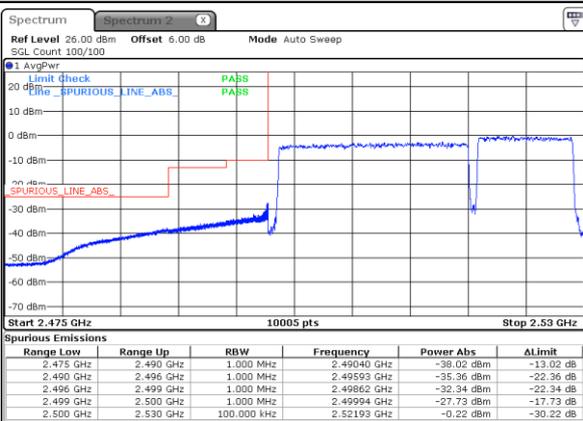


Date: 6.NOV.2024 12:56:49

Date: 6.NOV.2024 13:22:56

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6.NOV.2024 13:00:08

Date: 6.NOV.2024 13:43:23

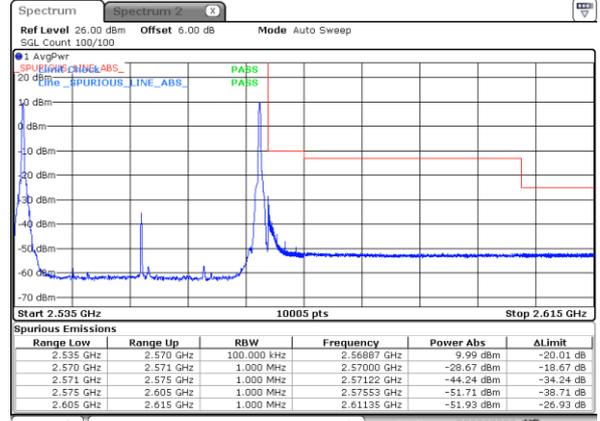
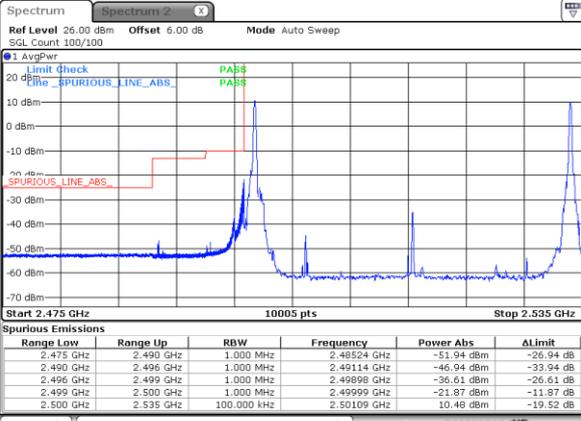


LTE Band 7 / 20MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

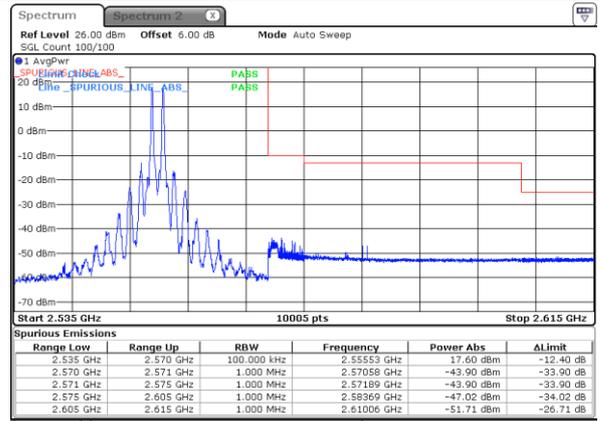
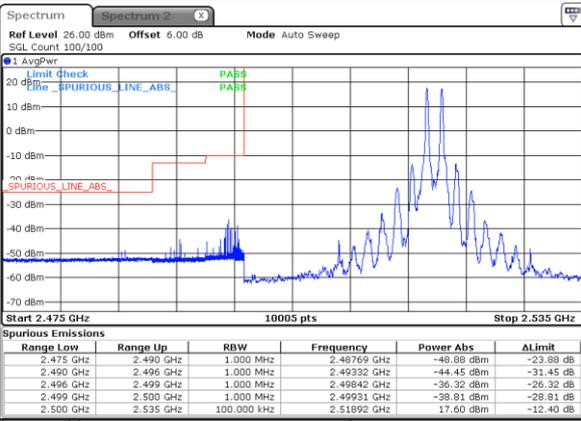


Date: 6.NOV.2024 13:51:15

Date: 6.NOV.2024 14:06:45

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0



Date: 6.NOV.2024 13:54:55

Date: 6.NOV.2024 14:10:22

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6.NOV.2024 13:58:36

Date: 6.NOV.2024 14:14:01

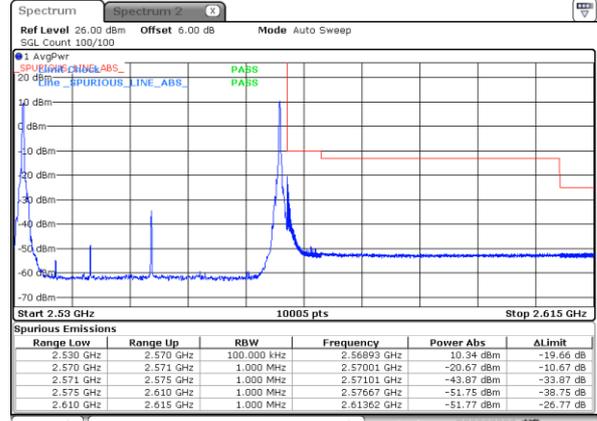
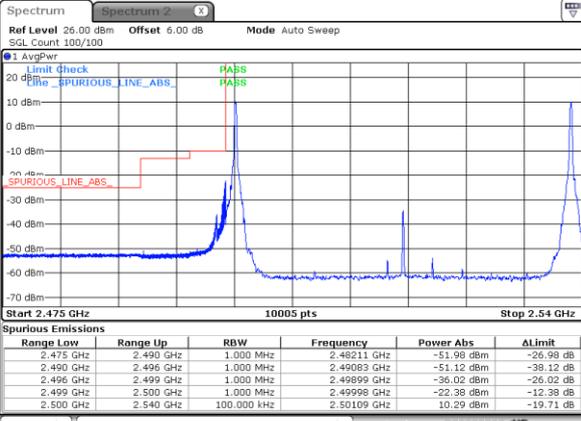


LTE Band 7 / 20MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

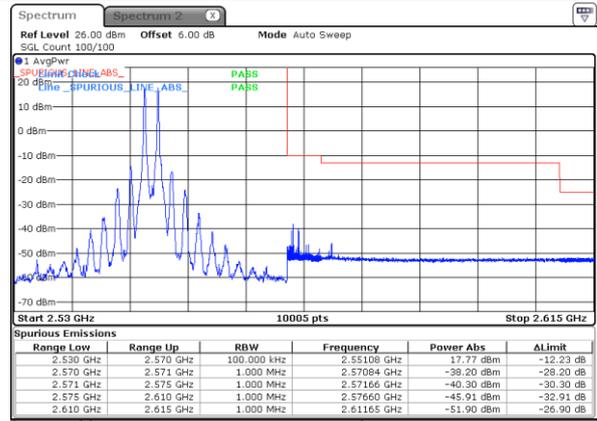
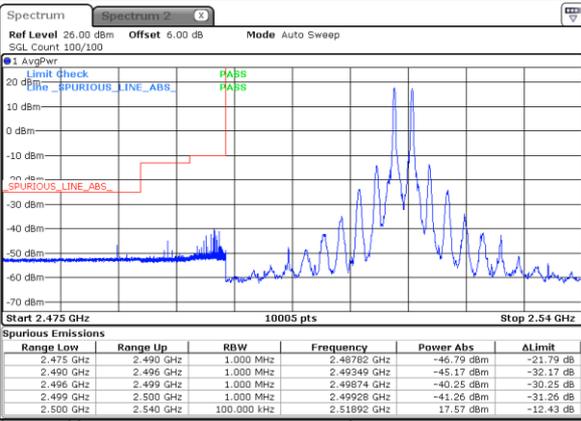


Date: 6.NOV.2024 14:21:53

Date: 6.NOV.2024 14:37:23

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

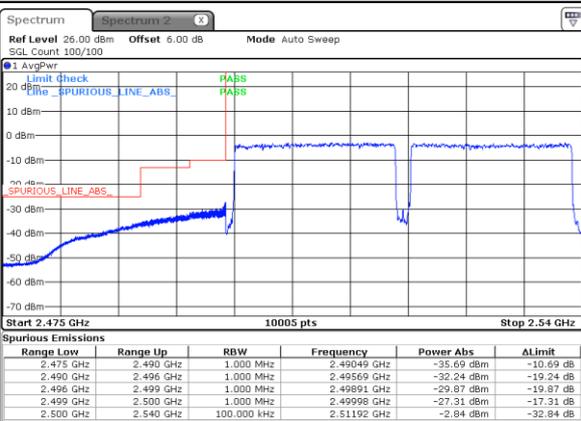


Date: 6.NOV.2024 14:25:32

Date: 6.NOV.2024 14:41:01

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6.NOV.2024 14:29:12

Date: 6.NOV.2024 14:44:40