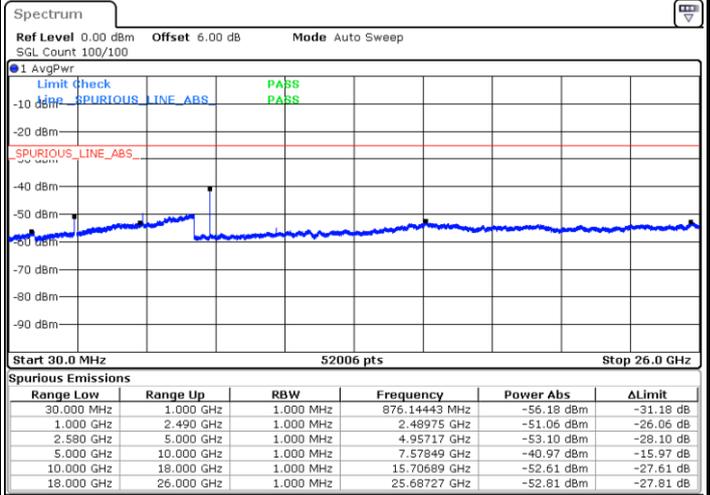
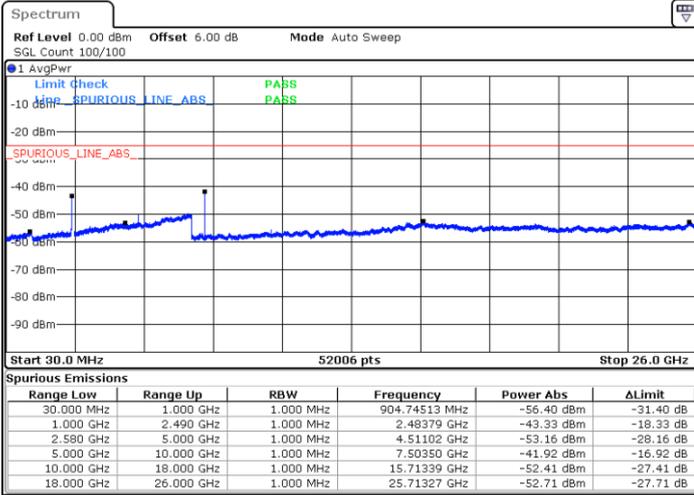




LTE Band 7 / 20MHz

Lowest Channel / QPSK

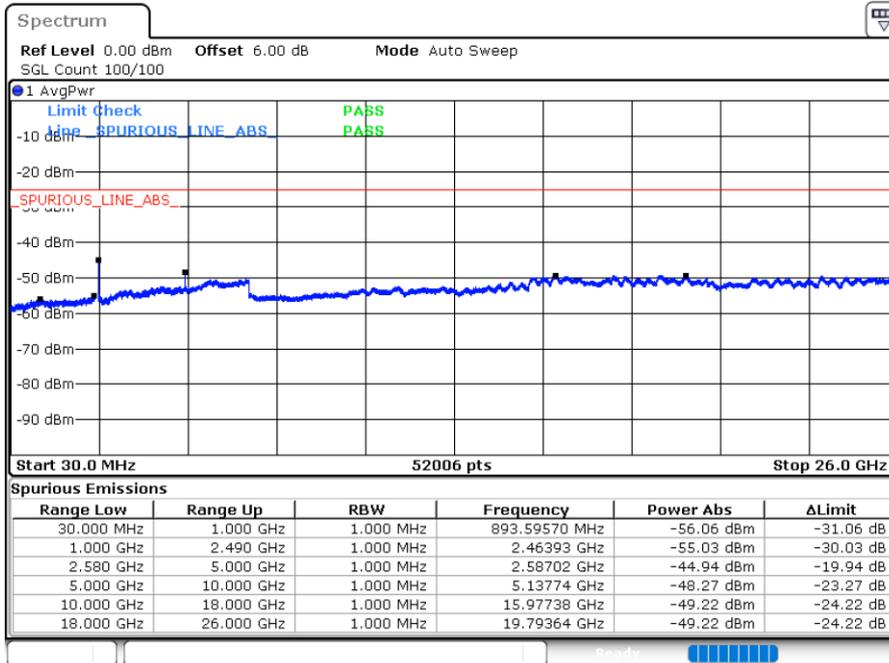
Middle Channel / QPSK



Date: 17.NOV.2024 21:23:05

Date: 17.NOV.2024 21:30:05

Highest Channel / QPSK



Date: 17.NOV.2024 17:10:19



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	0.0012	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0026	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0036	
-30	Normal Voltage	0.0024	
20	Maximum Voltage	0.015	
20	Normal Voltage	0.0023	
20	Battery End Point	0.0026	

Note:

1. Normal Voltage =3.91 V. ; Minimum Voltage =3.45 V. ; Maximum Voltage =4.53 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7c

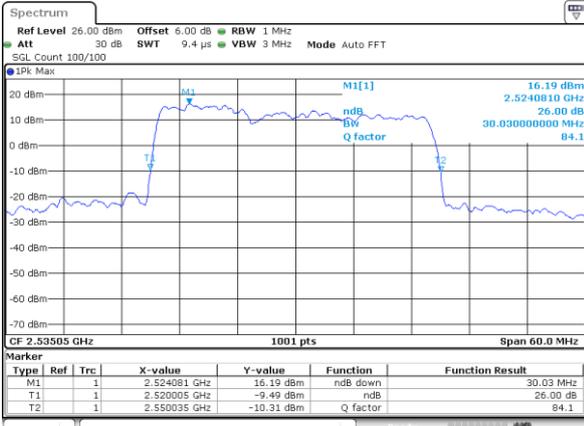
26dB Bandwidth

Mode	LTE Band 7c : 26dB BW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	30.03	30.03
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.48	25.43
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.69	30.75
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	35.04	34.97
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.09	29.97
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	35.04	35.04
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	39.80	39.96



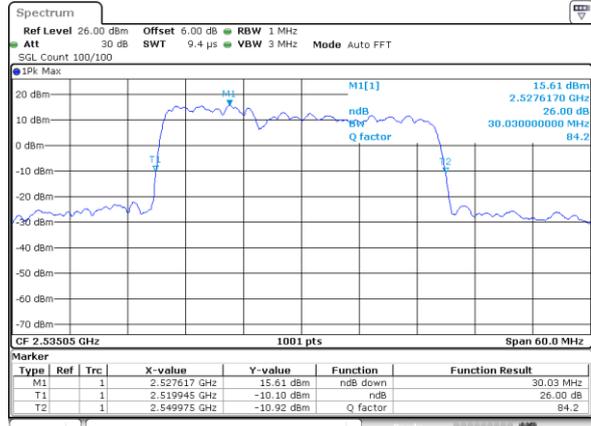
LTE Band 7c

Middle Channel / 10MHz+20MHz / QPSK



Date: 18.NOV.2024 02:46:26

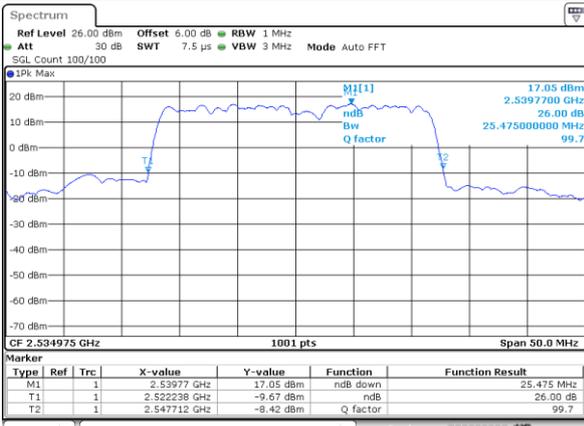
Middle Channel / 10MHz+20MHz / 16QAM



Date: 18.NOV.2024 02:46:53

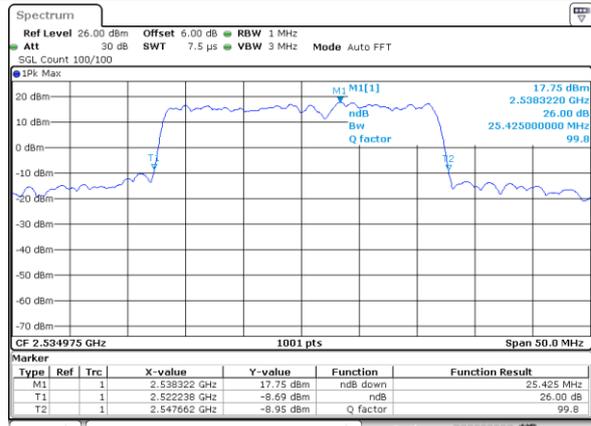
LTE Band 7c

Middle Channel / 15MHz+10MHz / QPSK



Date: 18.NOV.2024 02:57:58

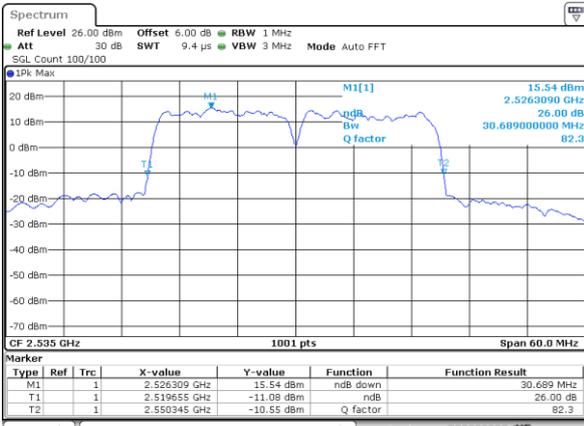
Middle Channel / 15MHz+10MHz / 16QAM



Date: 18.NOV.2024 02:58:26

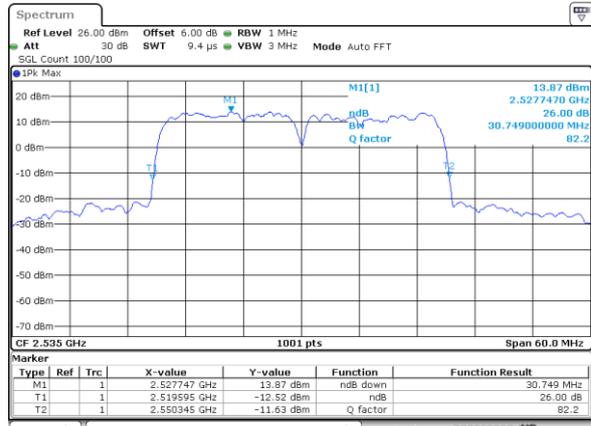
LTE Band 7c

Middle Channel / 15MHz+15MHz / QPSK



Date: 18.NOV.2024 02:50:19

Middle Channel / 15MHz+15MHz / 16QAM

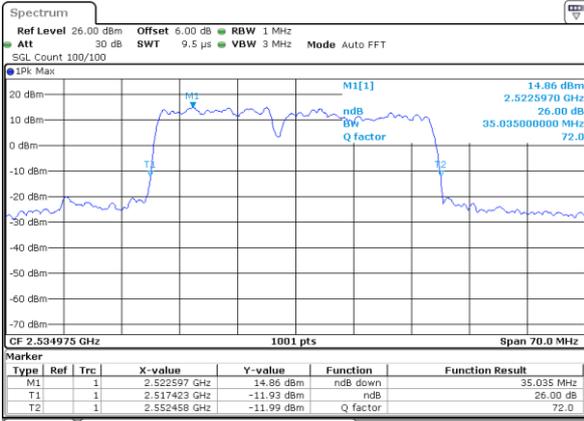


Date: 18.NOV.2024 02:50:47



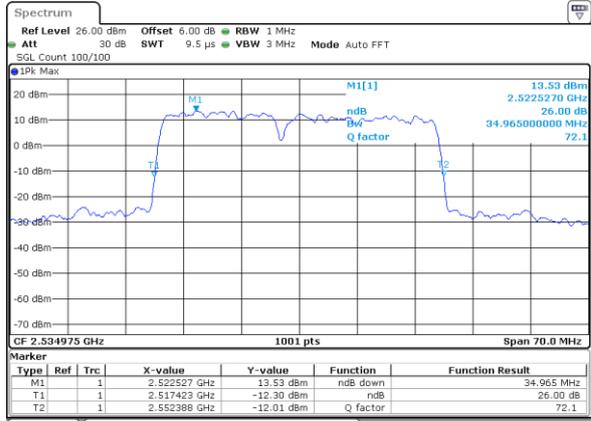
LTE Band 7c

Middle Channel / 15MHz+20MHz / QPSK



Date: 18.NOV.2024 02:52:19

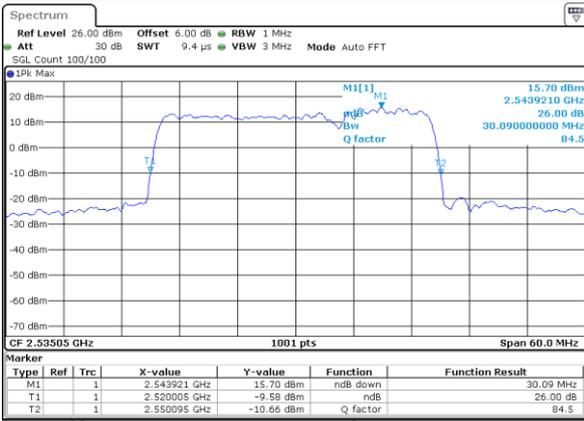
Middle Channel / 15MHz+20MHz / 16QAM



Date: 18.NOV.2024 02:52:12

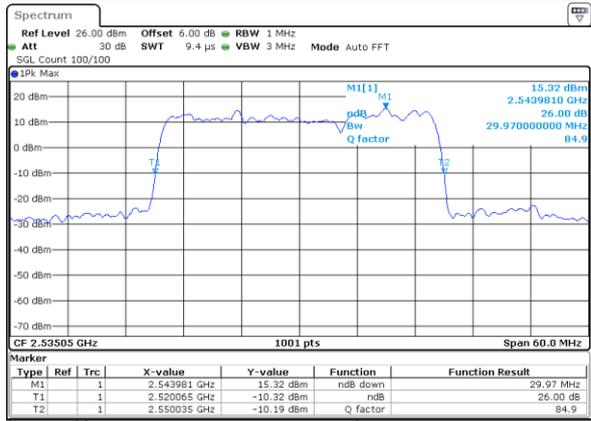
LTE Band 7c

Middle Channel / 20MHz+10MHz / QPSK



Date: 18.NOV.2024 02:48:48

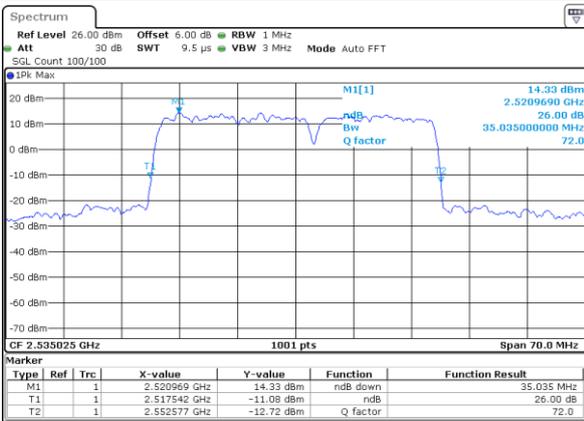
Middle Channel / 20MHz+10MHz / 16QAM



Date: 18.NOV.2024 02:48:20

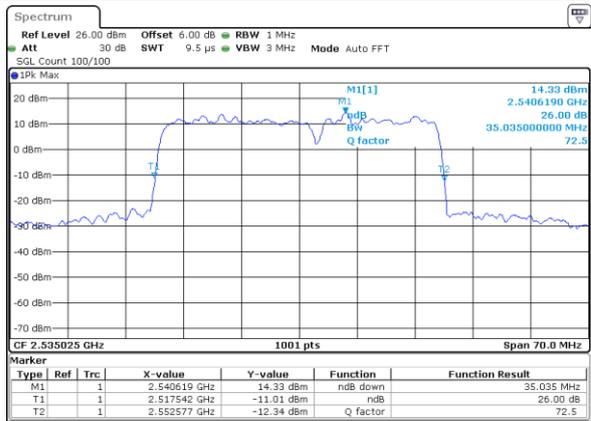
LTE Band 7c

Middle Channel / 20MHz+15MHz / QPSK



Date: 18.NOV.2024 02:54:06

Middle Channel / 20MHz+15MHz / 16QAM

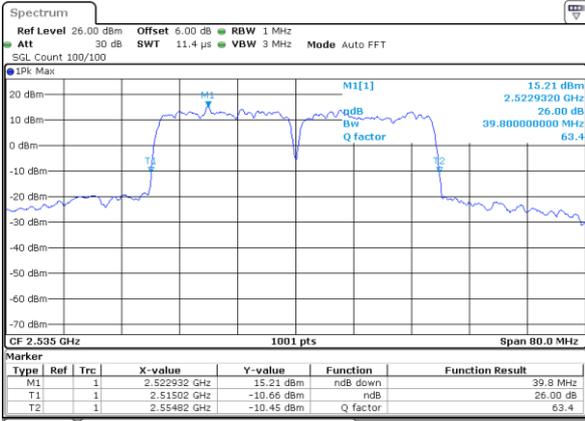


Date: 18.NOV.2024 02:54:34



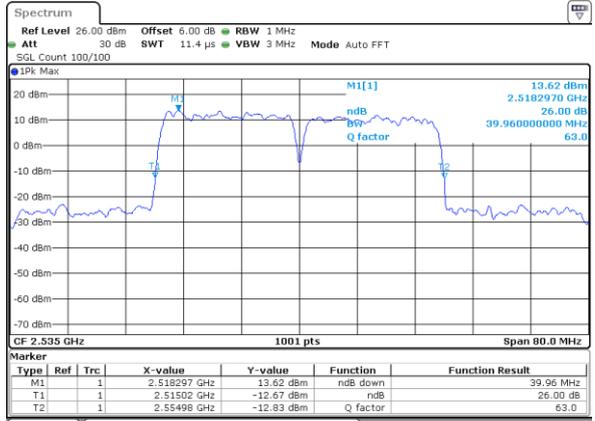
LTE Band 7c

Middle Channel / 20MHz+20MHz / QPSK



Date: 18, NOV, 2024 02:44:31

Middle Channel / 20MHz+20MHz / 16QAM



Date: 18, NOV, 2024 02:44:59



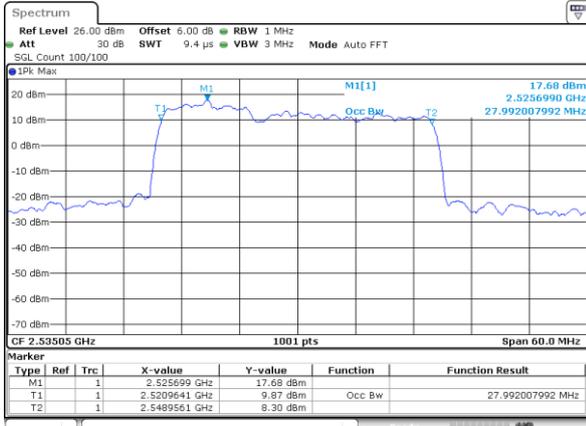
Occupied Bandwidth

Mode	LTE Band 7c : 99%OBW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	27.99	28.11
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.53	23.53
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.77	28.65
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	32.94	32.79
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.23	28.11
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	32.87	33.08
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.88	37.64



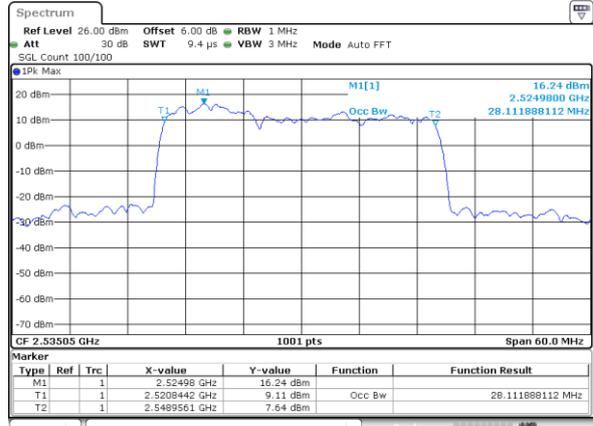
LTE Band 7c

Middle Channel / 10MHz+20MHz / QPSK



Date: 18.NOV.2024 02:45:58

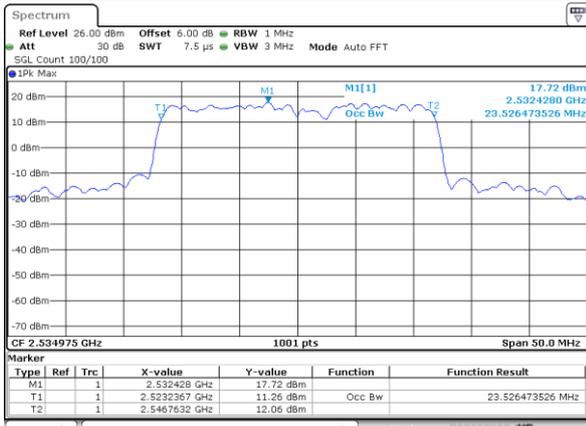
Middle Channel / 10MHz+20MHz / 16QAM



Date: 18.NOV.2024 02:47:121

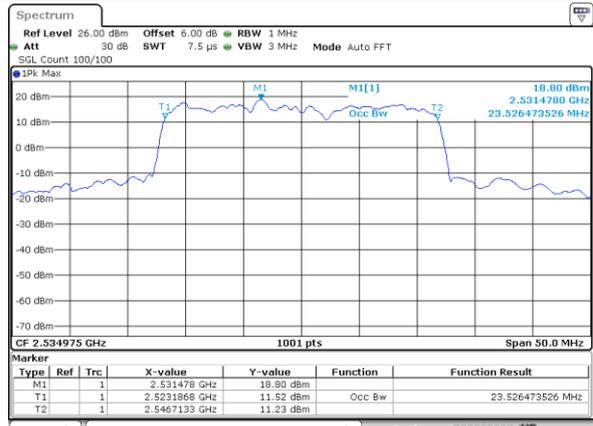
LTE Band 7c

Middle Channel / 15MHz+10MHz / QPSK



Date: 18.NOV.2024 02:57:31

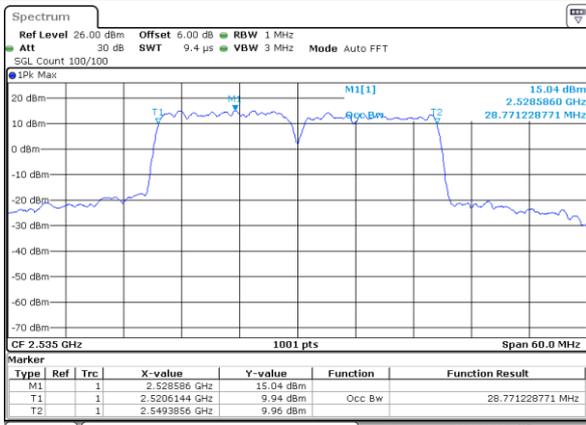
Middle Channel / 15MHz+10MHz / 16QAM



Date: 18.NOV.2024 02:58:153

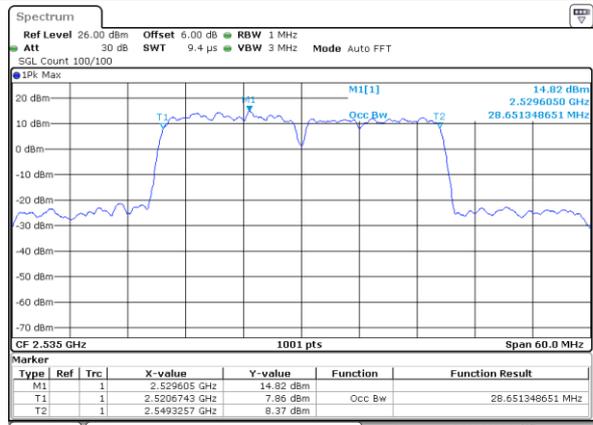
LTE Band 7c

Middle Channel / 15MHz+15MHz / QPSK



Date: 18.NOV.2024 02:49:52

Middle Channel / 15MHz+15MHz / 16QAM

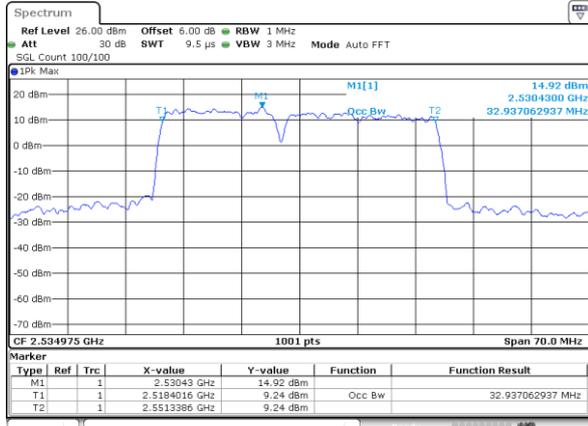


Date: 18.NOV.2024 02:51:114



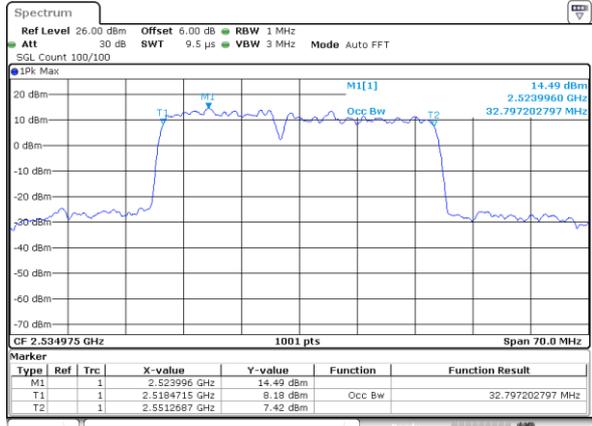
LTE Band 7c

Middle Channel / 15MHz+20MHz / QPSK



Date: 18.NOV.2024 02:53:07

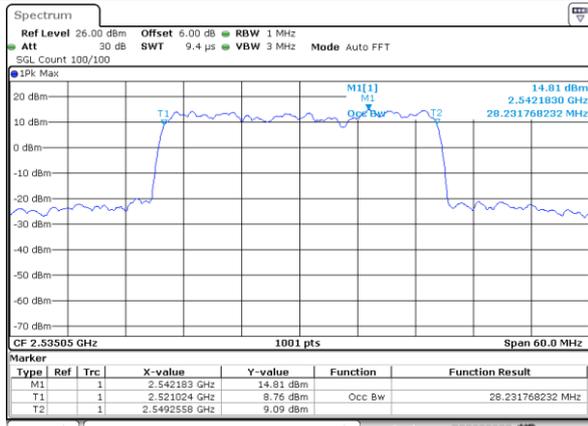
Middle Channel / 15MHz+20MHz / 16QAM



Date: 18.NOV.2024 02:51:44

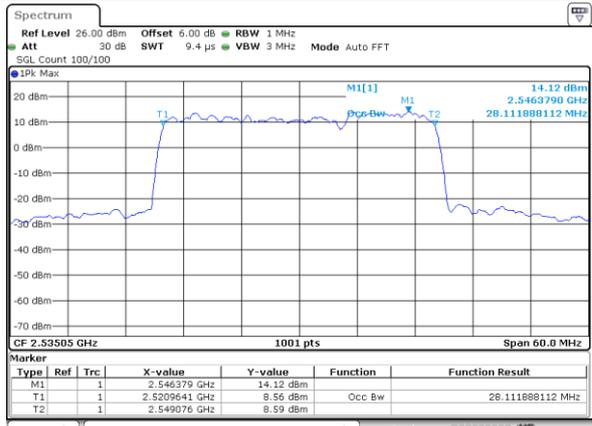
LTE Band 7c

Middle Channel / 20MHz+10MHz / QPSK



Date: 18.NOV.2024 02:49:15

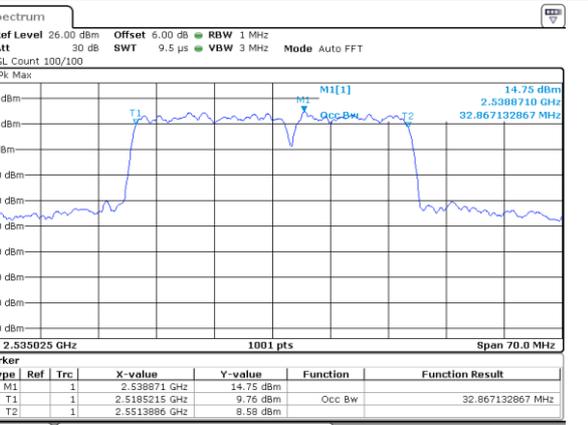
Middle Channel / 20MHz+10MHz / 16QAM



Date: 18.NOV.2024 02:47:53

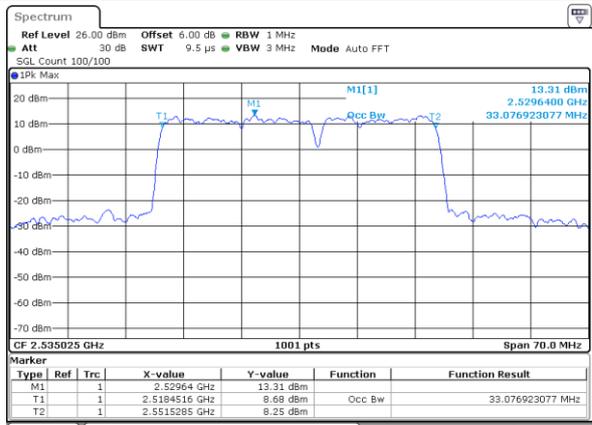
LTE Band 7c

Middle Channel / 20MHz+15MHz / QPSK



Date: 18.NOV.2024 02:53:38

Middle Channel / 20MHz+15MHz / 16QAM

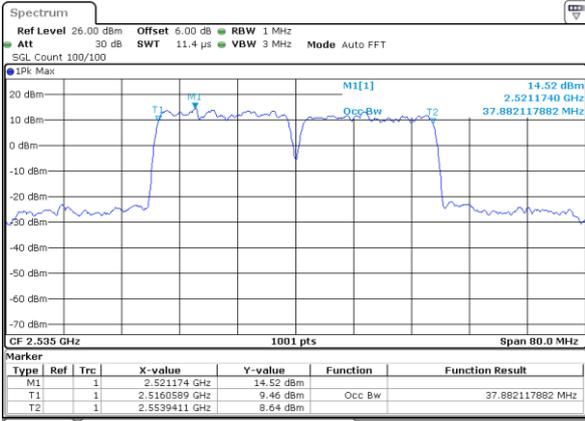


Date: 18.NOV.2024 02:55:01



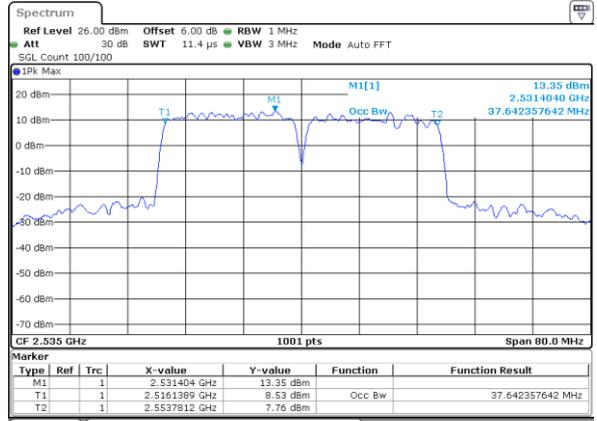
LTE Band 7c

Middle Channel / 20MHz+20MHz / QPSK



Date: 18,NOV,2024 02:56:59

Middle Channel / 20MHz+20MHz / 16QAM



Date: 18,NOV,2024 02:55:31



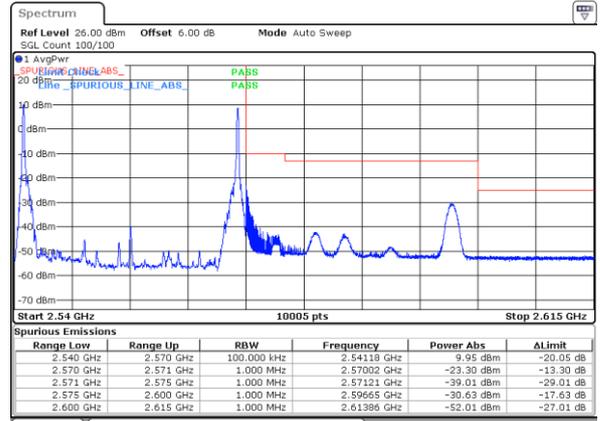
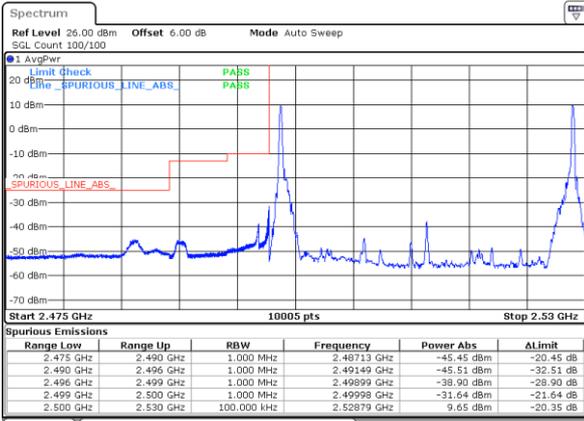
Conducted Band Edge

LTE Band 7c / 10MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

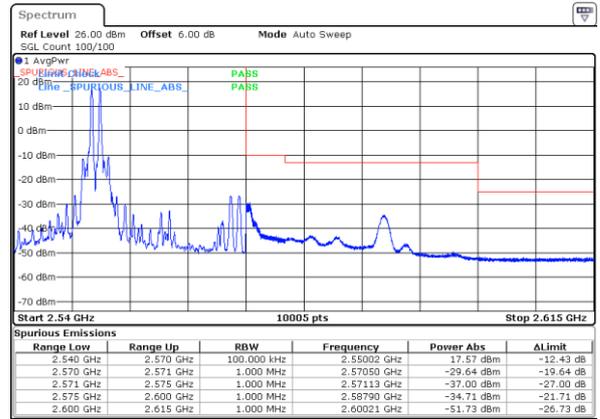
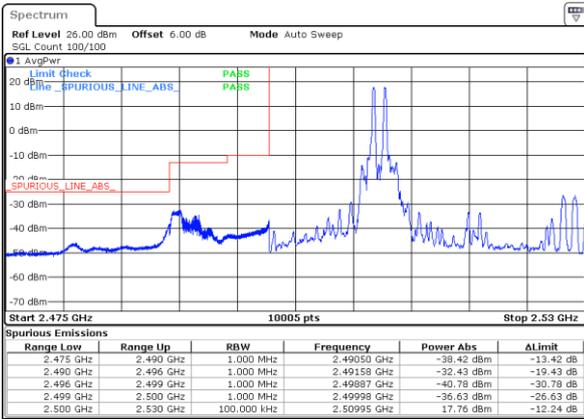


Date: 17.NOV.2024 22:02:01

Date: 17.NOV.2024 22:15:22

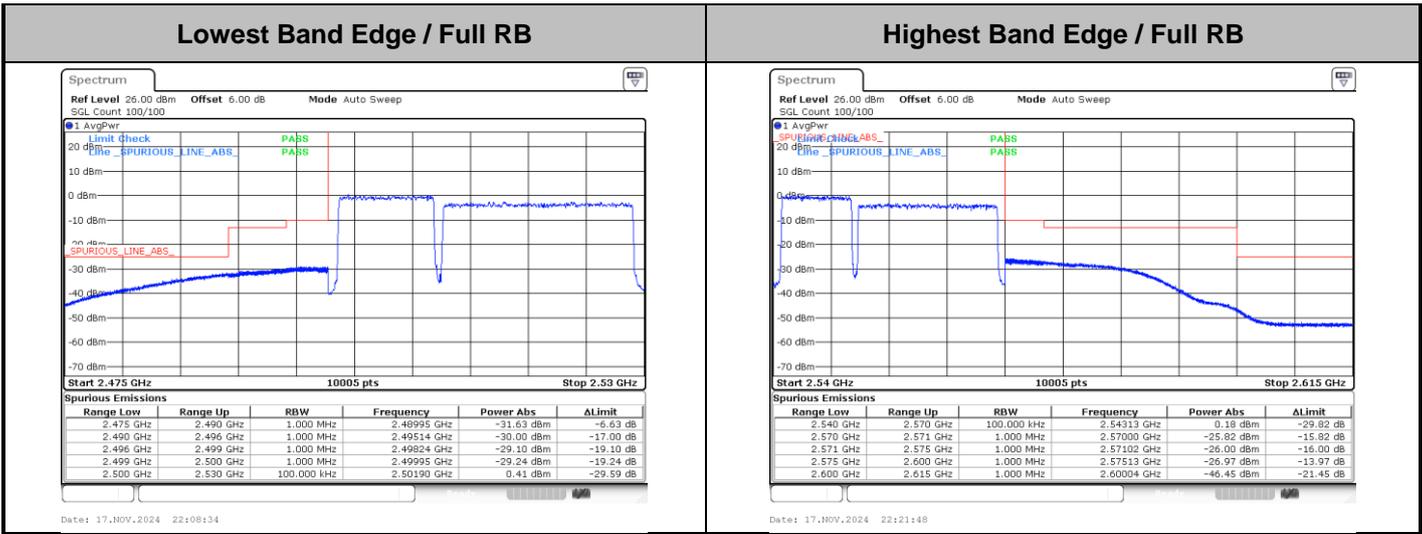
Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0



Date: 17.NOV.2024 22:07:29

Date: 17.NOV.2024 22:20:43



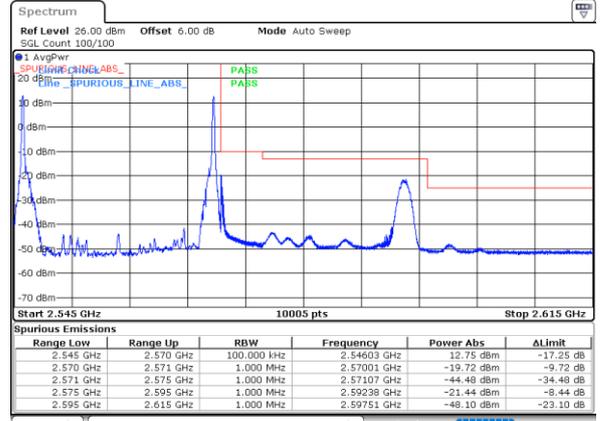
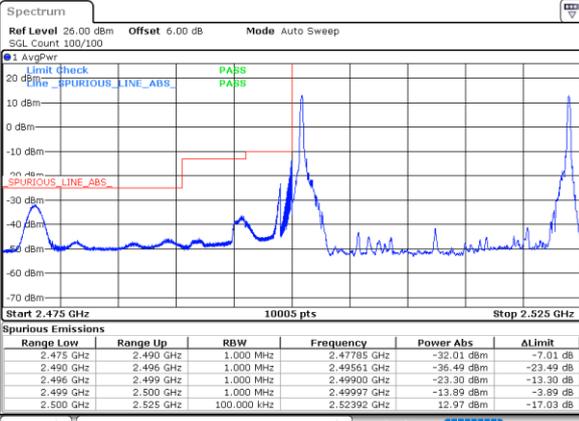


LTE Band 7c / 15MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

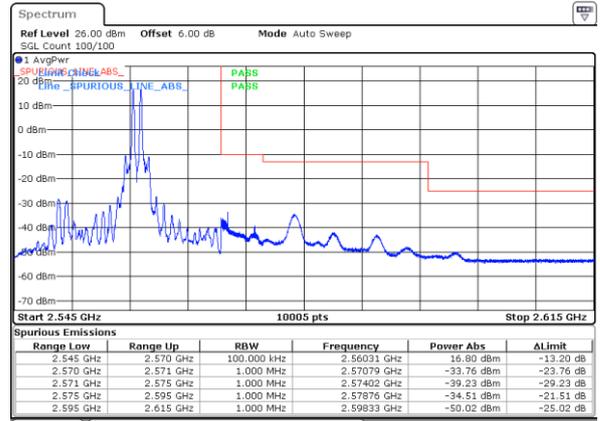
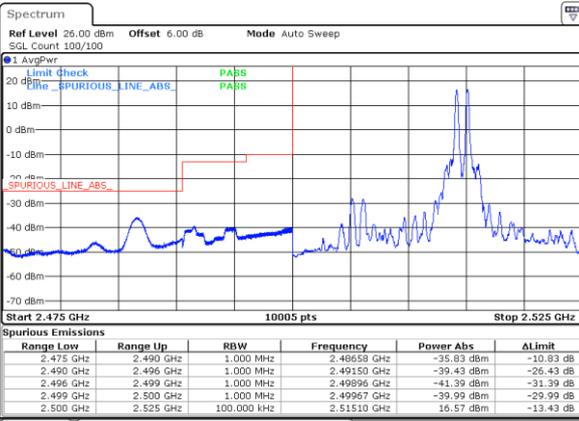


Date: 17. NOV. 2024 17:21:57

Date: 17. NOV. 2024 17:15:43

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

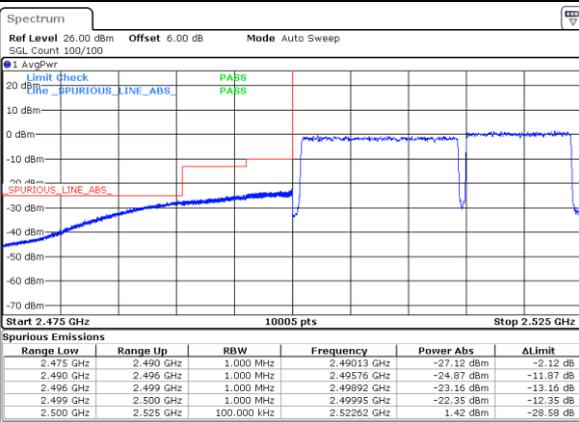


Date: 18. NOV. 2024 03:21:15

Date: 18. NOV. 2024 05:28:22

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18. NOV. 2024 03:22:20

Date: 18. NOV. 2024 05:30:55

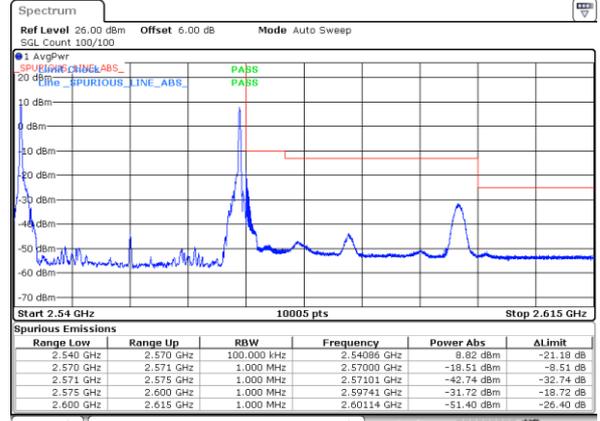
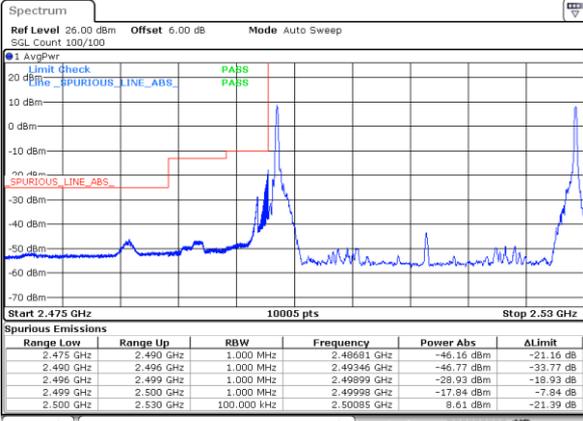


LTE Band 7c / 15MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

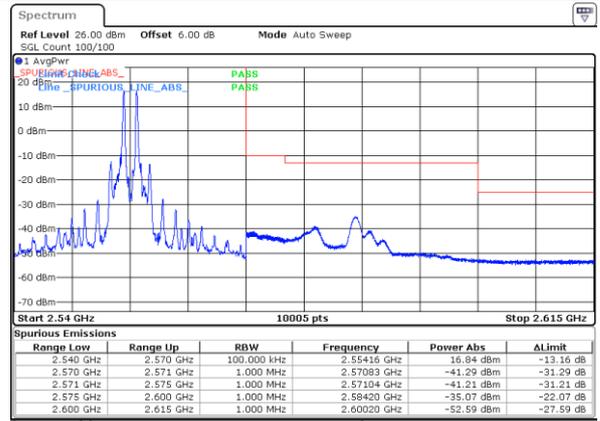
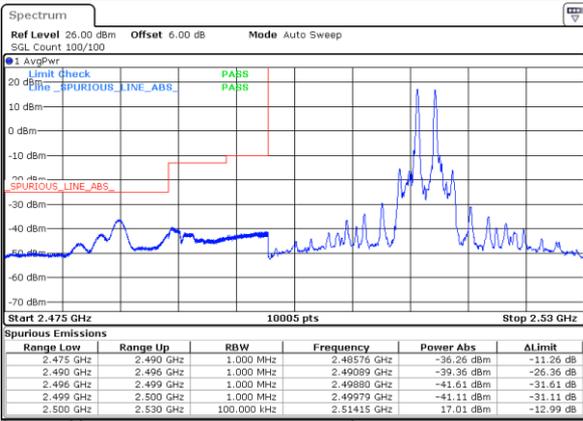


Date: 18.NOV.2024 05:41:29

Date: 18.NOV.2024 05:49:48

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

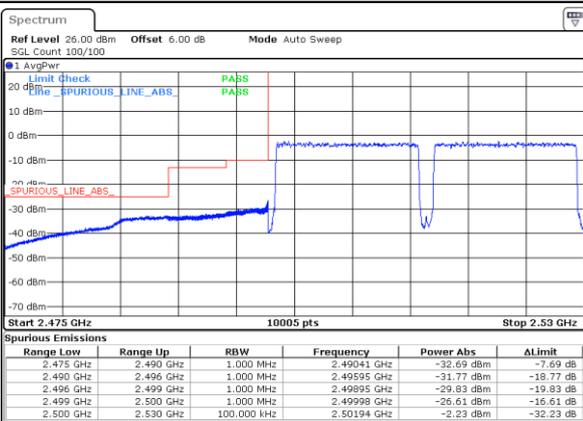


Date: 18.NOV.2024 05:44:16

Date: 18.NOV.2024 05:51:54

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.NOV.2024 05:46:39

Date: 18.NOV.2024 05:53:52

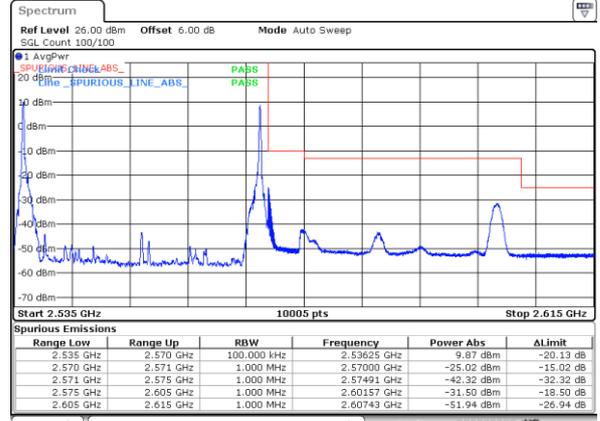
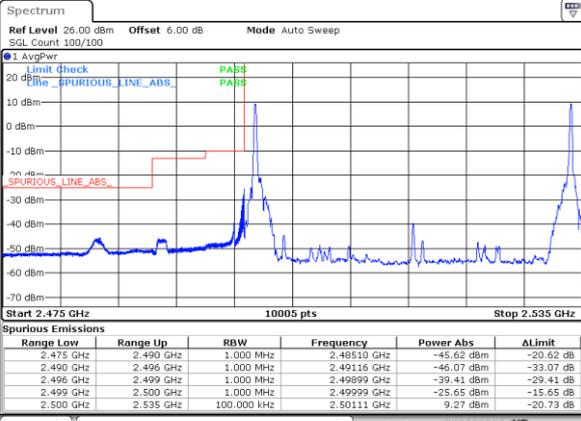


LTE Band 7c / 15MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

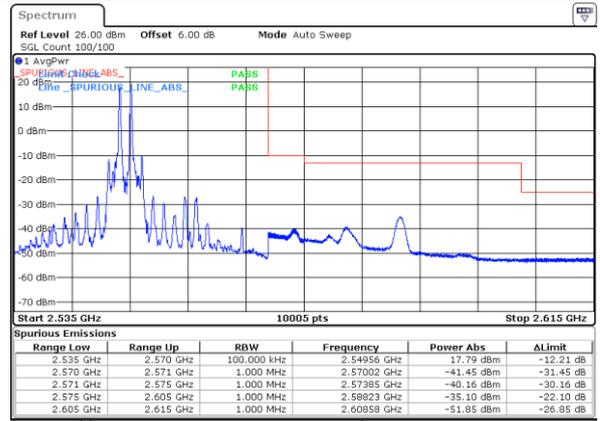
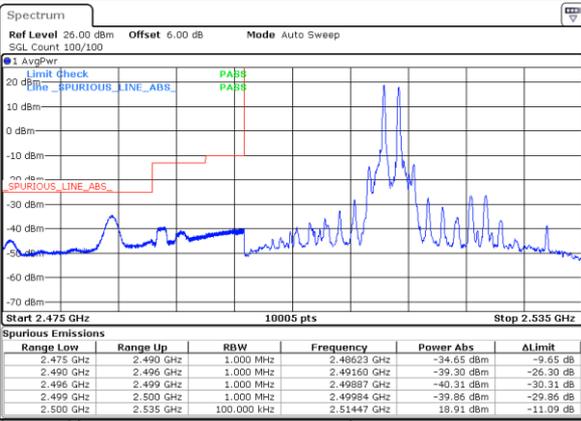


Date: 17.NOV.2024 23:56:06

Date: 18.NOV.2024 00:14:01

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

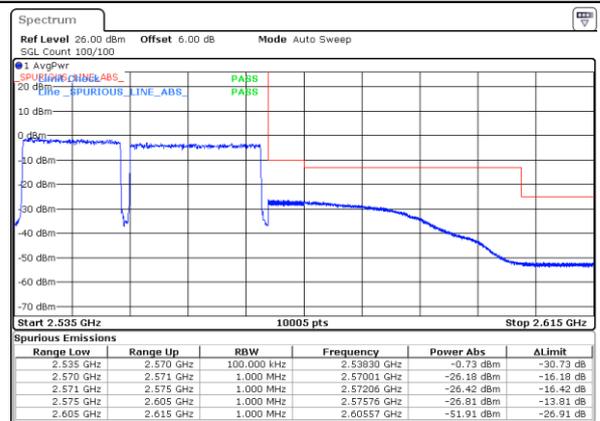


Date: 18.NOV.2024 00:03:46

Date: 18.NOV.2024 00:21:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.NOV.2024 00:05:18

Date: 18.NOV.2024 00:23:13

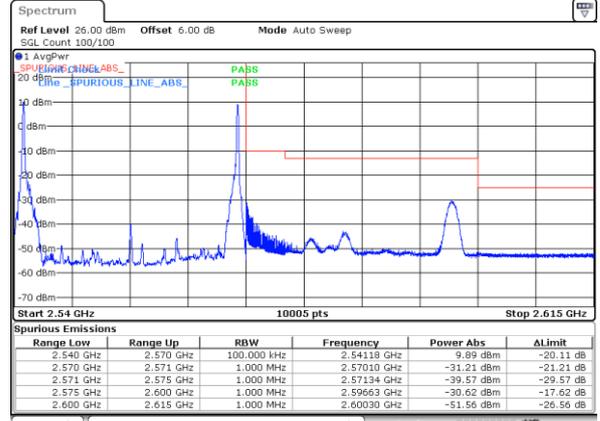
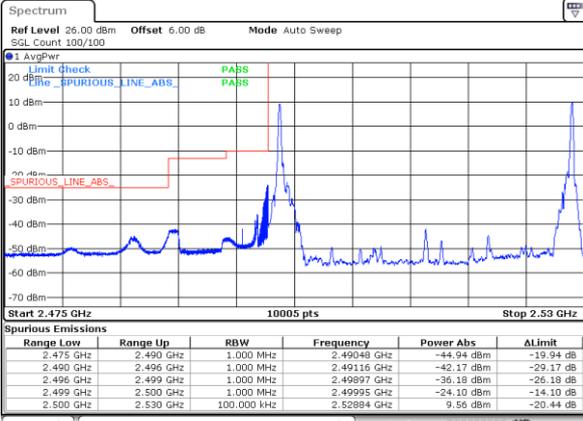


LTE Band 7c / 20MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

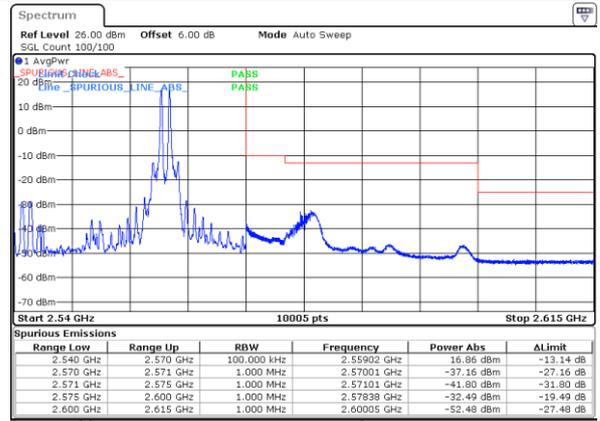
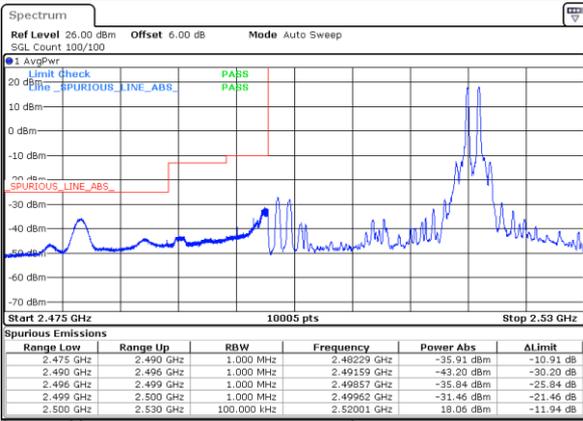


Date: 18.NOV.2024 00:36:12

Date: 18.NOV.2024 00:54:28

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

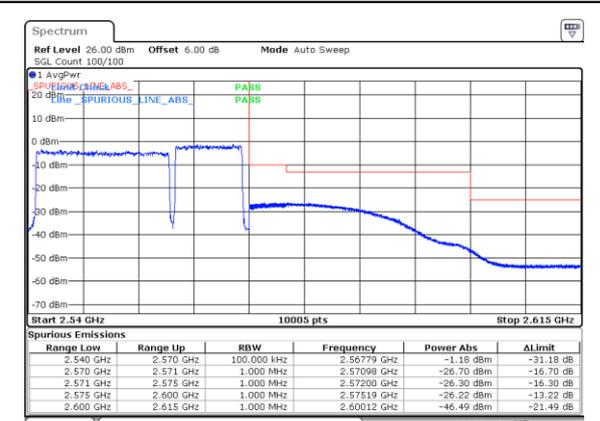
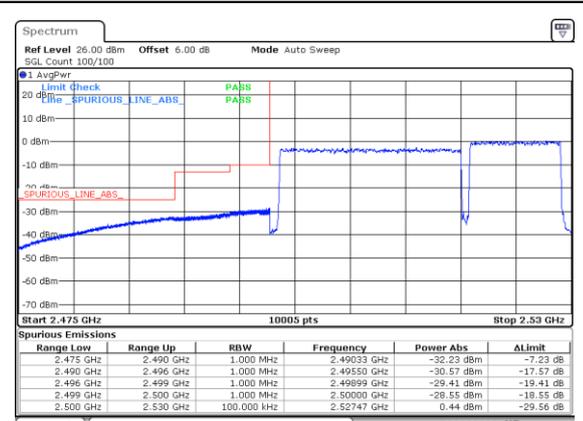


Date: 18.NOV.2024 00:44:12

Date: 18.NOV.2024 06:05:19

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



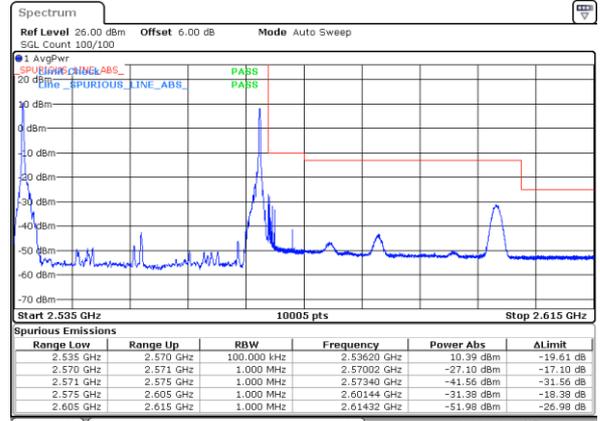
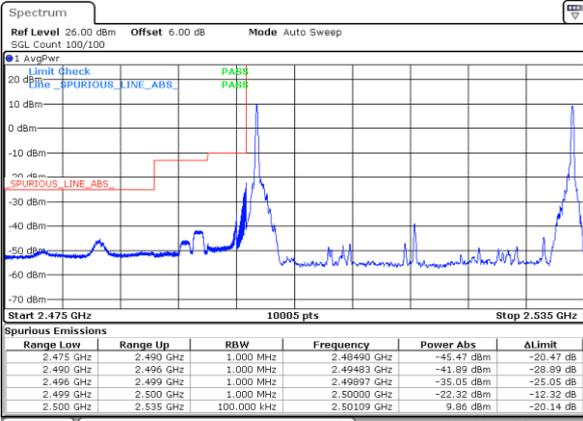


LTE Band 7c / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

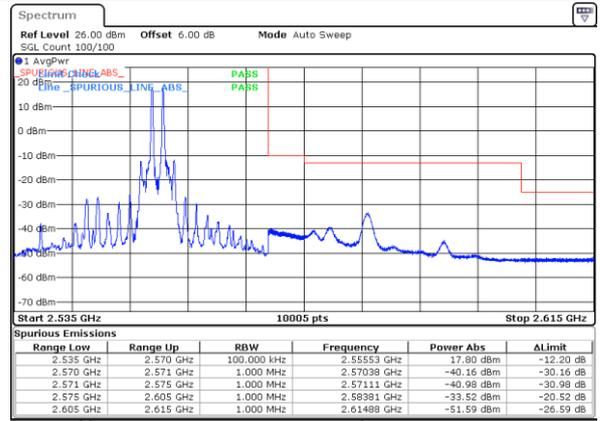
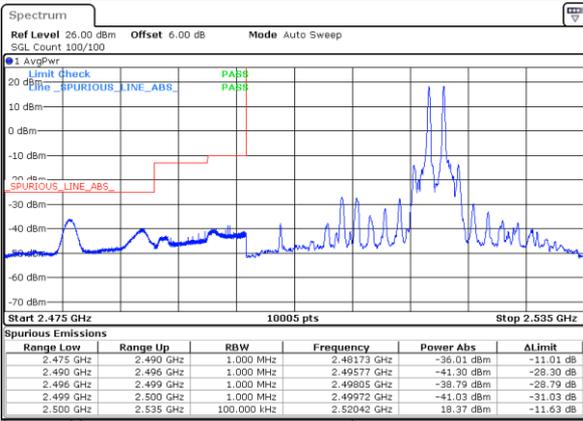


Date: 18.NOV.2024 01:10:21

Date: 18.NOV.2024 01:43:47

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

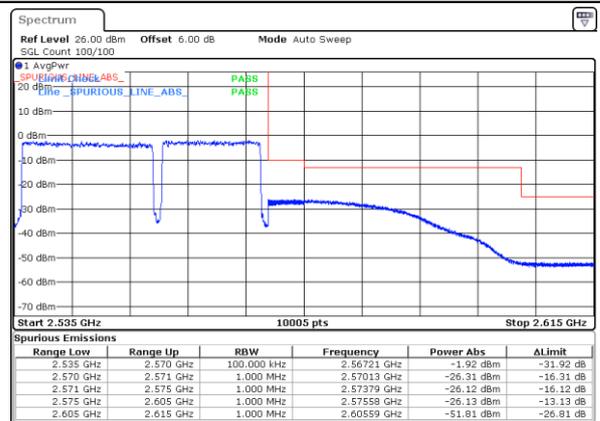
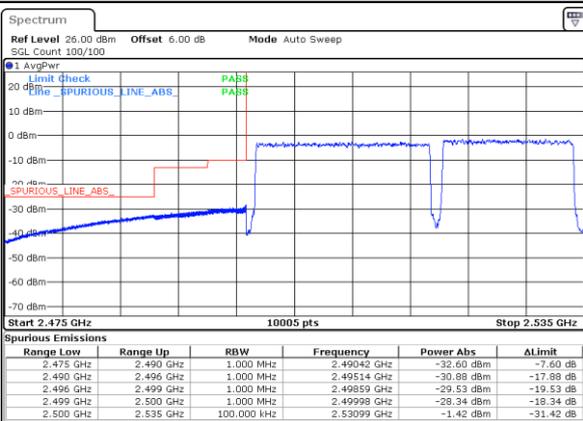


Date: 18.NOV.2024 01:18:02

Date: 18.NOV.2024 01:51:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.NOV.2024 01:19:34

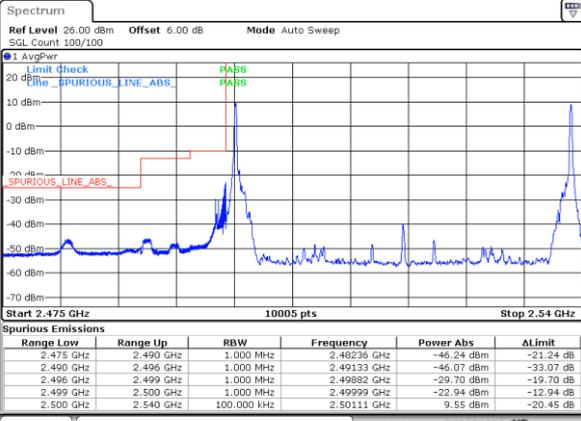
Date: 18.NOV.2024 01:52:58



LTE Band 7c / 20MHz+20MHz

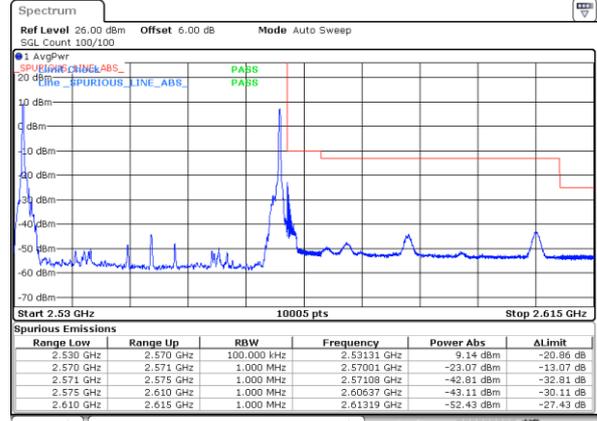
QPSK

Lowest Band Edge / 1RB0 and 1RB9



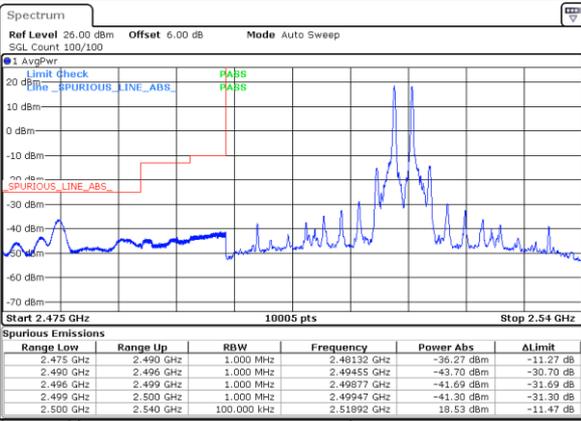
Date: 18.NOV.2024 01:59:40

Highest Band Edge / 1RB0 and 1RB9



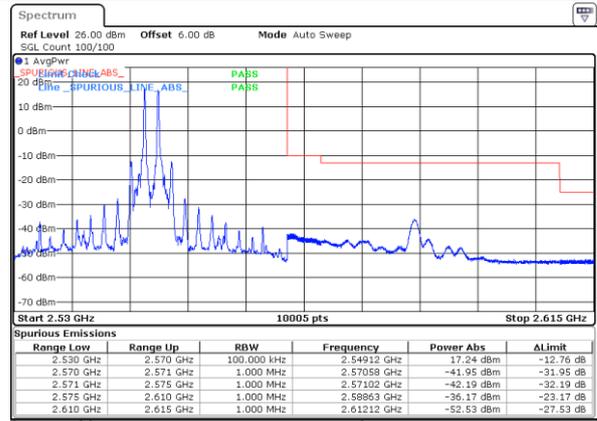
Date: 18.NOV.2024 02:29:46

Lowest Band Edge / 1RB99 and 1RB0



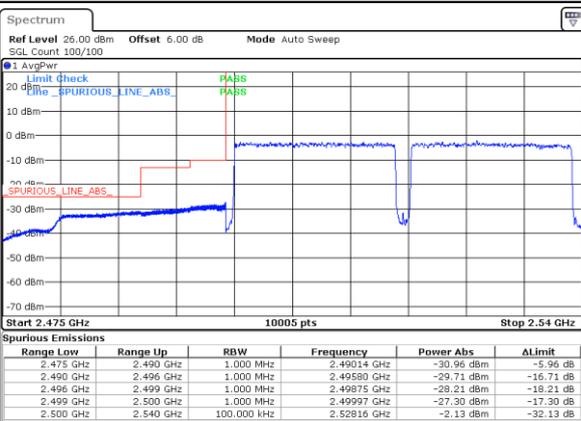
Date: 18.NOV.2024 02:07:21

Highest Band Edge / 1RB99 and 1RB0



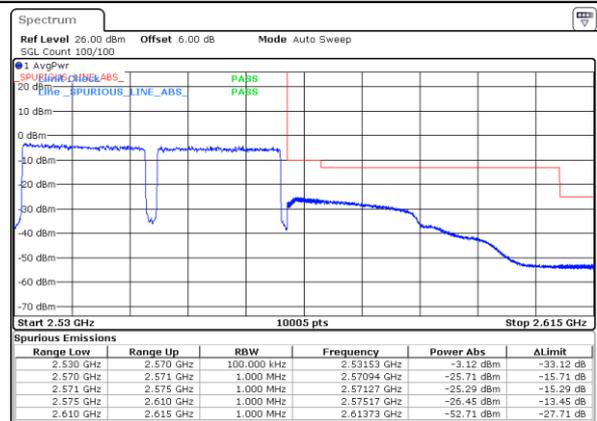
Date: 18.NOV.2024 02:35:08

Lowest Band Edge / Full RB



Date: 18.NOV.2024 02:08:52

Highest Band Edge / Full RB



Date: 18.NOV.2024 06:17:00

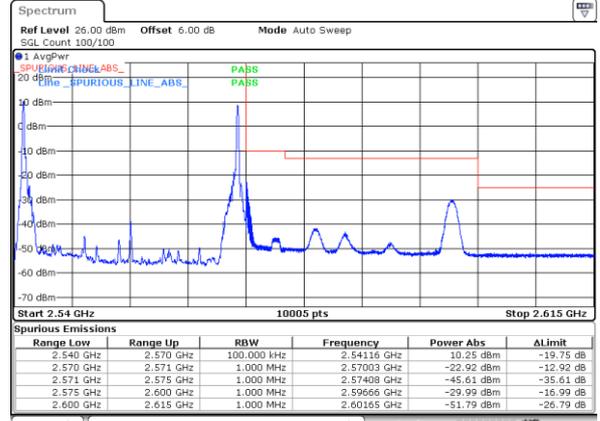
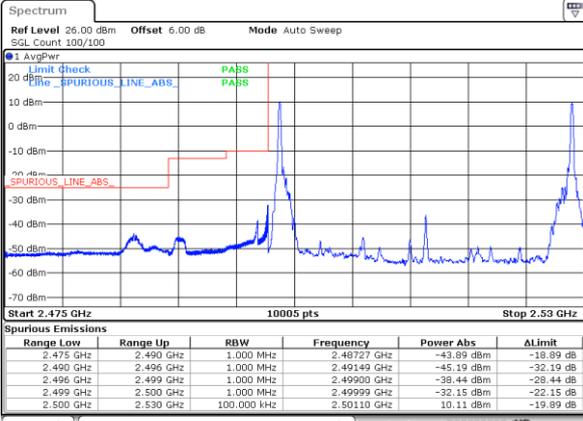


LTE Band 7c / 10MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

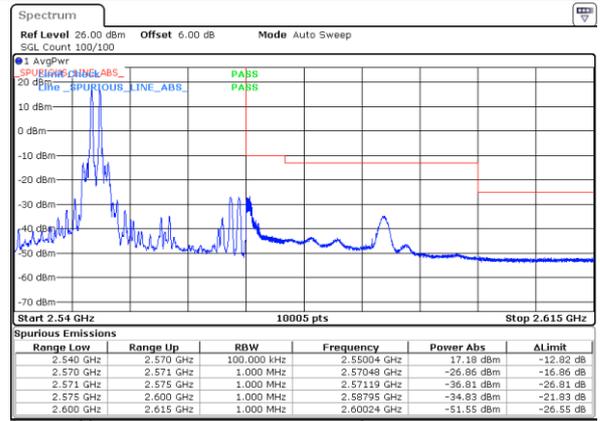
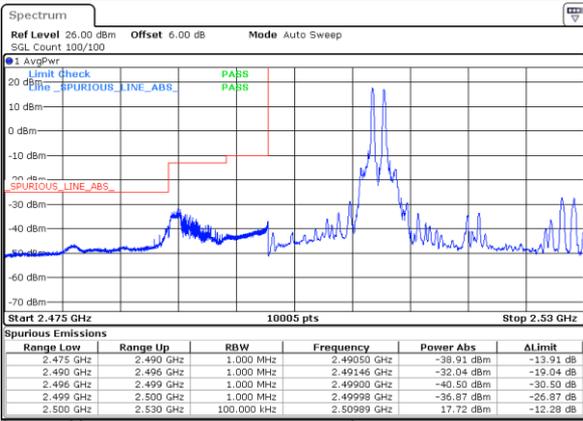


Date: 17.NOV.2024 22:03:06

Date: 17.NOV.2024 22:16:27

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

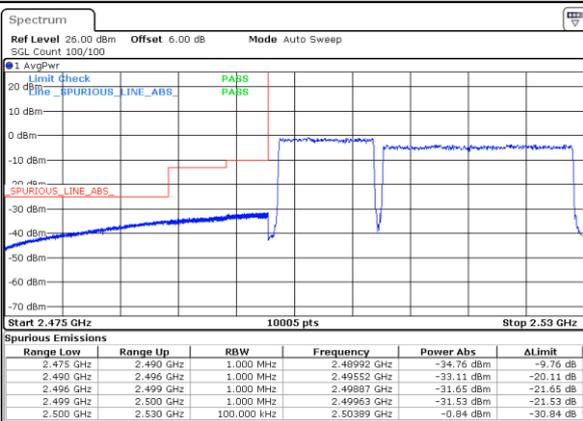


Date: 17.NOV.2024 22:06:24

Date: 17.NOV.2024 22:19:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17.NOV.2024 22:10:00

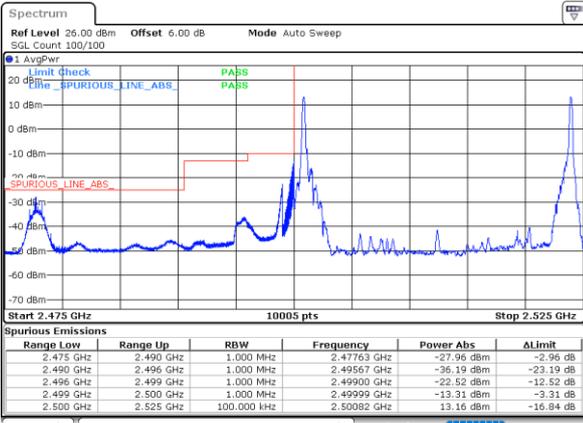
Date: 17.NOV.2024 22:22:53



LTE Band 7c / 15MHz+10MHz

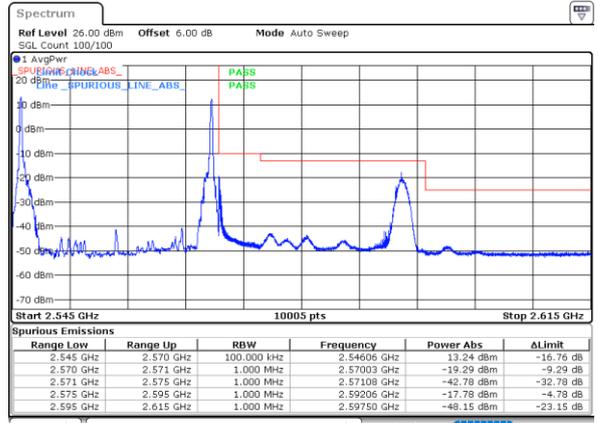
16QAM

Lowest Band Edge / 1RB0 and 1RB49



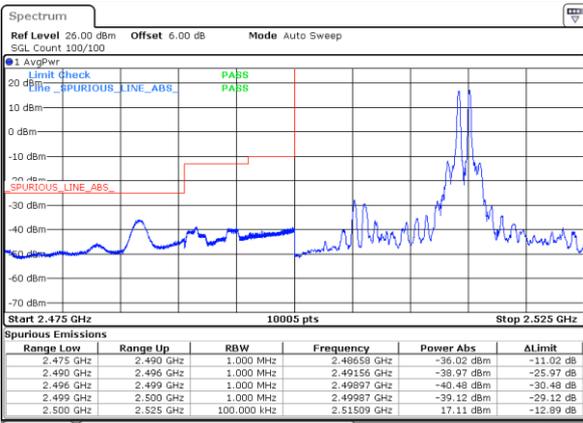
Date: 17.NOV.2024 18:15:07

Highest Band Edge / 1RB0 and 1RB49



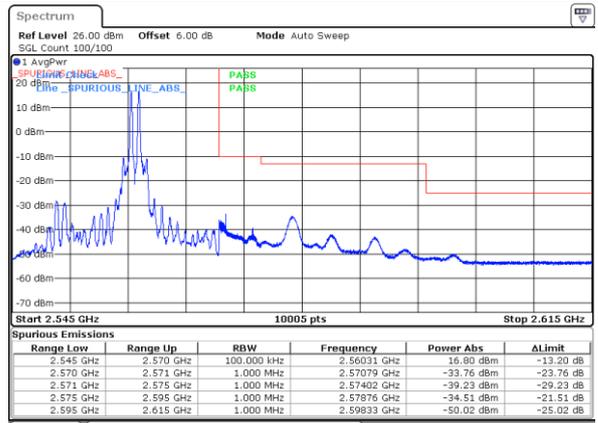
Date: 17.NOV.2024 17:16:58

Lowest Band Edge / 1RB74 and 1RB0



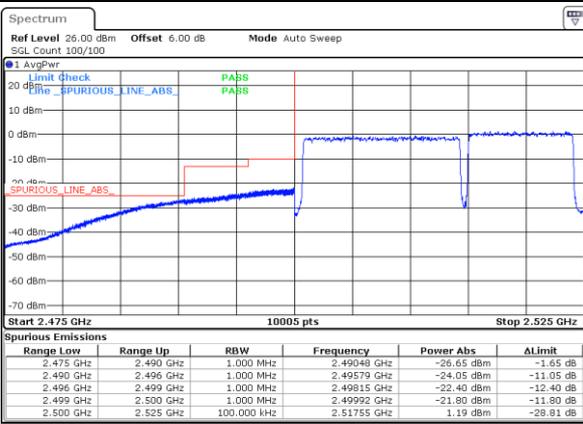
Date: 18.NOV.2024 05:08:16

Highest Band Edge / 1RB74 and 1RB0



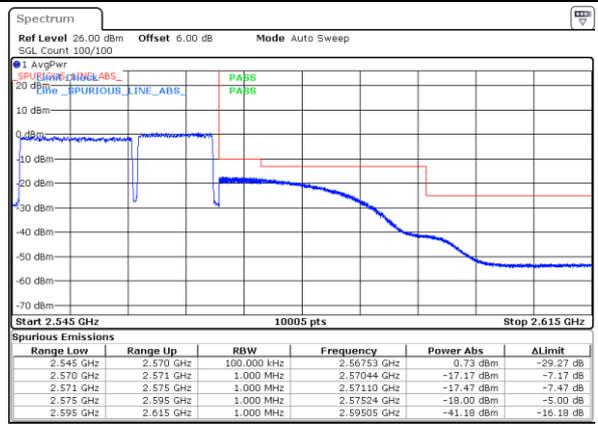
Date: 18.NOV.2024 05:28:22

Lowest Band Edge / Full RB



Date: 18.NOV.2024 03:23:25

Highest Band Edge / Full RB



Date: 18.NOV.2024 05:33:40

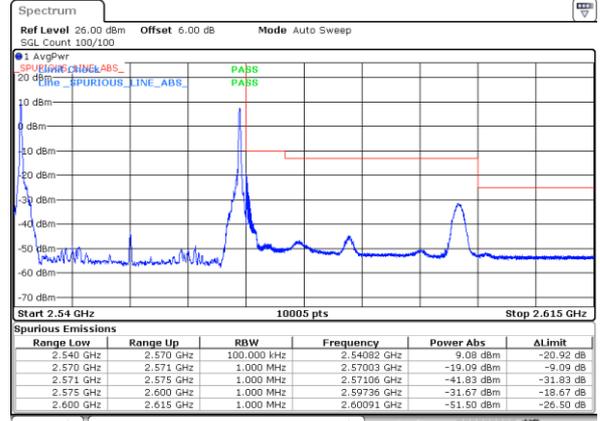
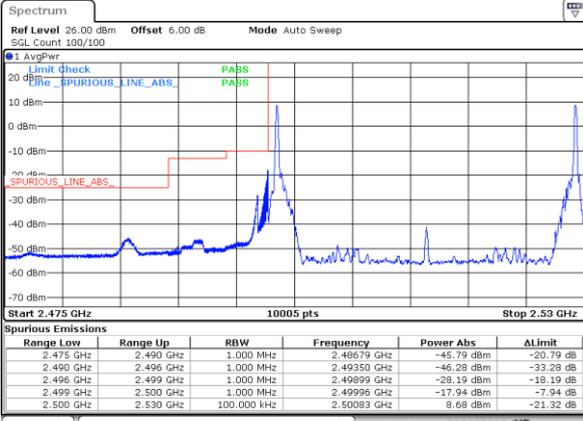


LTE Band 7c / 15MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

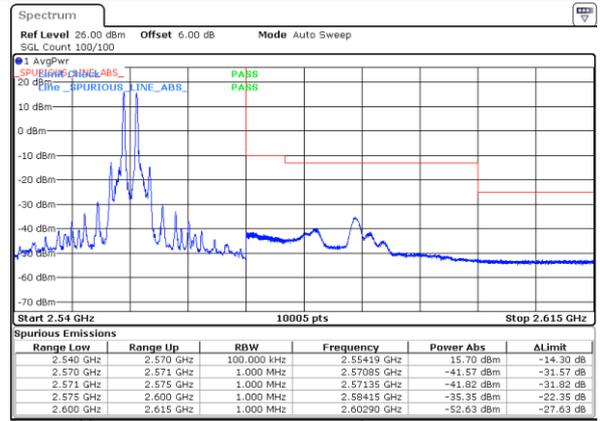
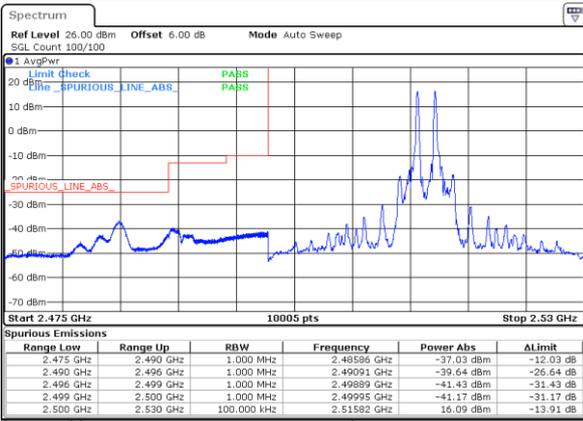


Date: 18.NOV.2024 05:42:13

Date: 18.NOV.2024 05:50:28

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

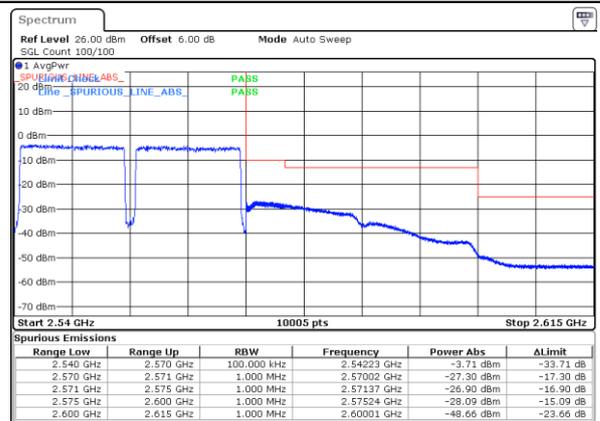
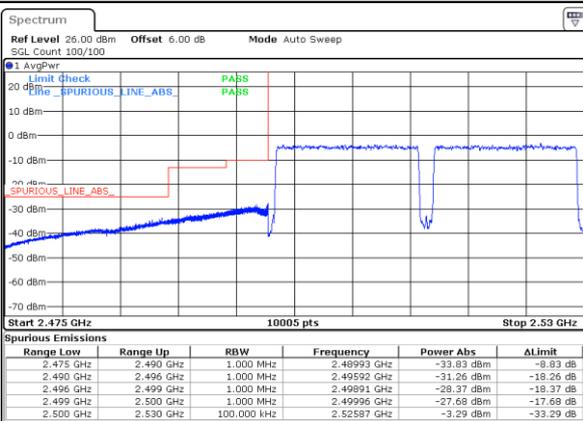


Date: 18.NOV.2024 05:45:05

Date: 18.NOV.2024 05:52:32

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.NOV.2024 05:47:21

Date: 18.NOV.2024 05:54:30

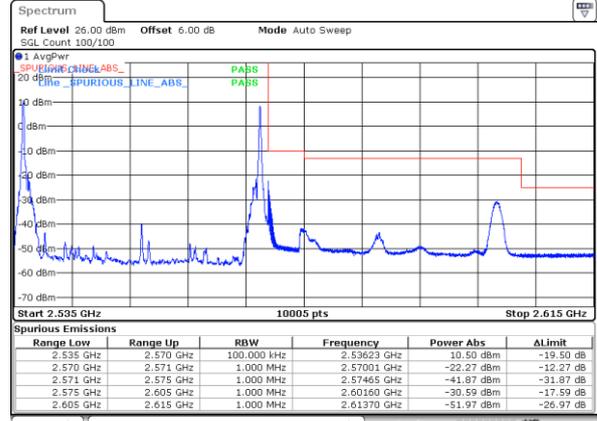
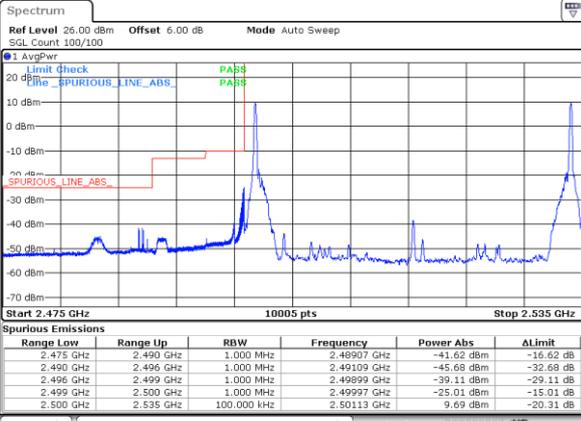


LTE Band 7c / 15MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

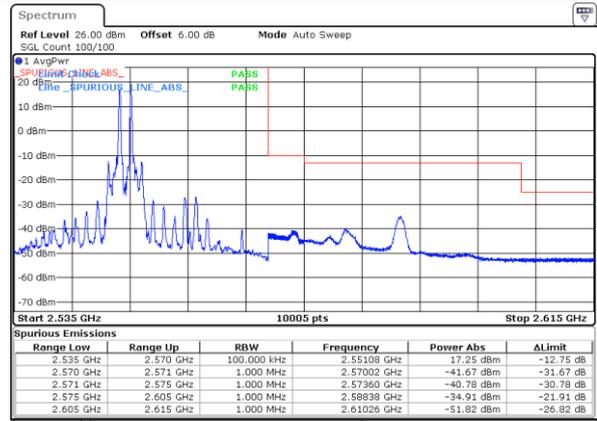
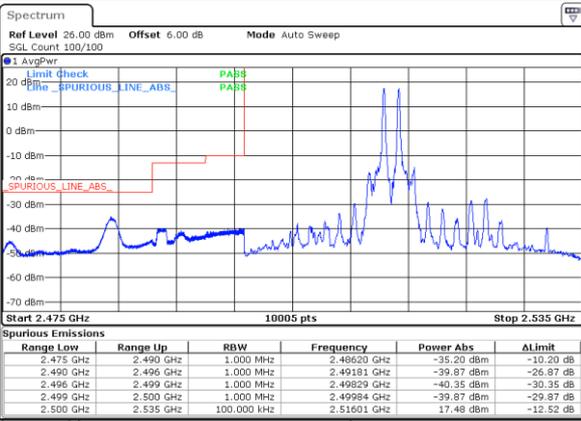


Date: 17.NOV.2024 23:57:18

Date: 18.NOV.2024 00:15:33

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

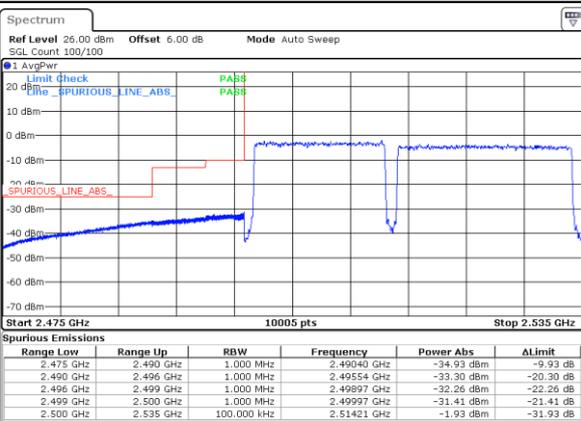


Date: 18.NOV.2024 00:02:14

Date: 18.NOV.2024 00:20:08

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.NOV.2024 00:06:50

Date: 18.NOV.2024 00:24:45

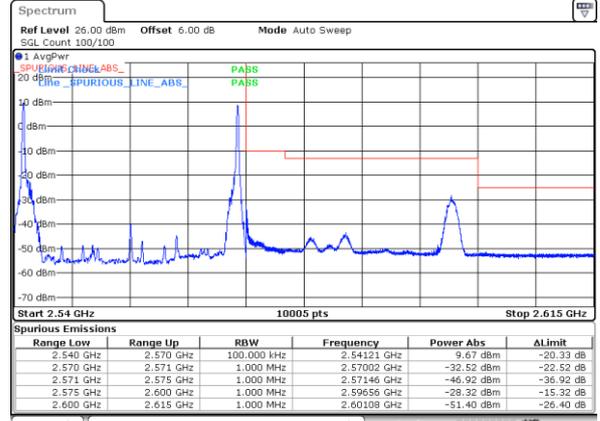
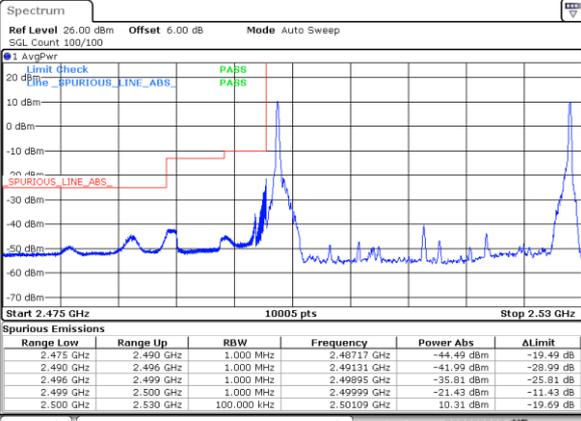


LTE Band 7c / 20MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

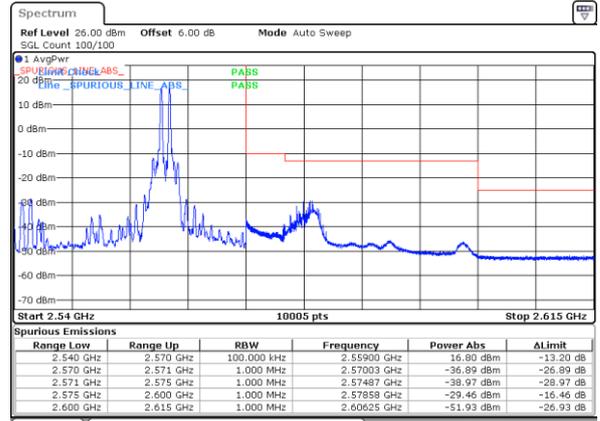
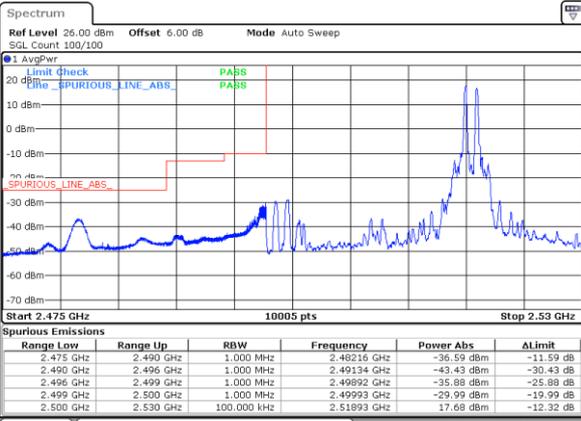


Date: 18.NOV.2024 00:13:04

Date: 18.NOV.2024 00:15:00

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

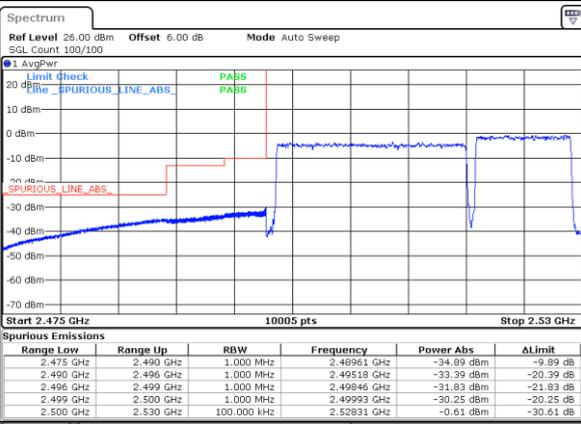


Date: 18.NOV.2024 00:42:39

Date: 18.NOV.2024 01:00:35

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.NOV.2024 00:47:16

Date: 18.NOV.2024 06:07:04

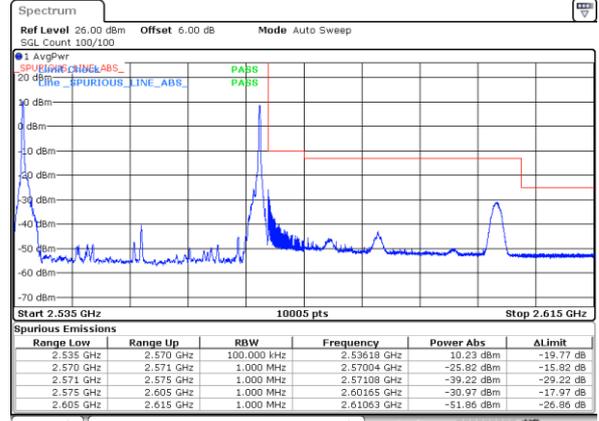
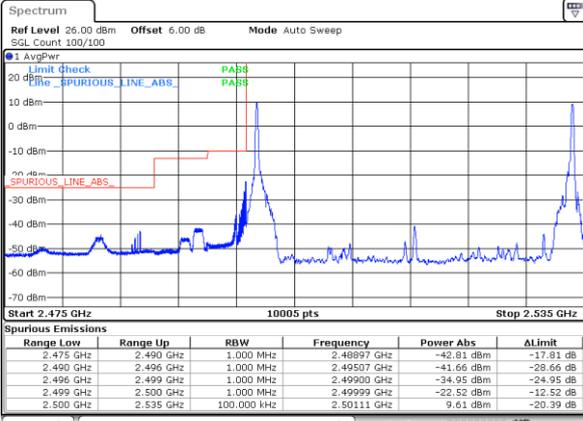


LTE Band 7c / 20MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

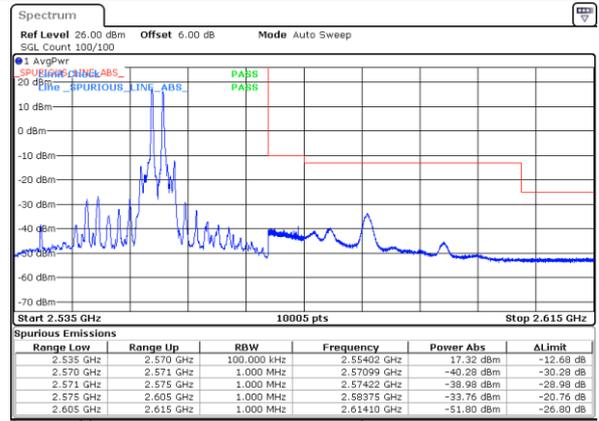
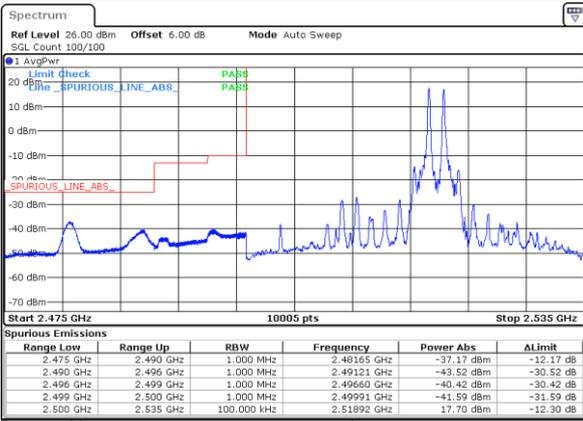


Date: 18,NOV,2024 01:11:53

Date: 18,NOV,2024 01:14:18

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

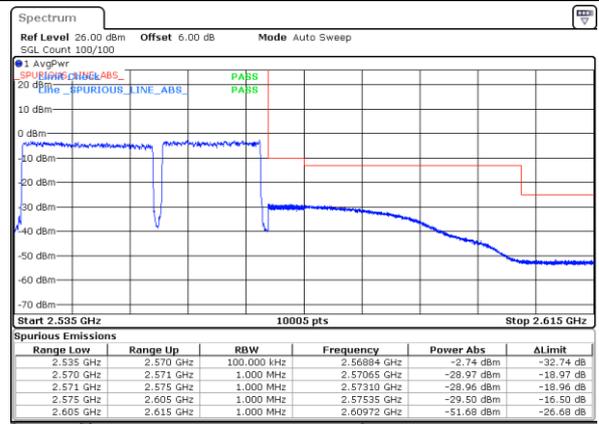
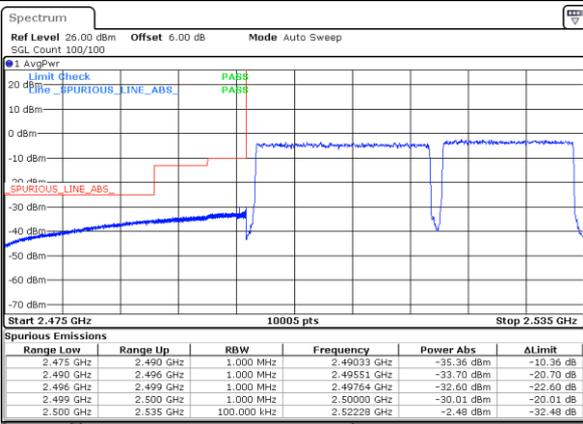


Date: 18,NOV,2024 01:16:30

Date: 18,NOV,2024 01:14:54

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18,NOV,2024 01:21:06

Date: 18,NOV,2024 01:14:30

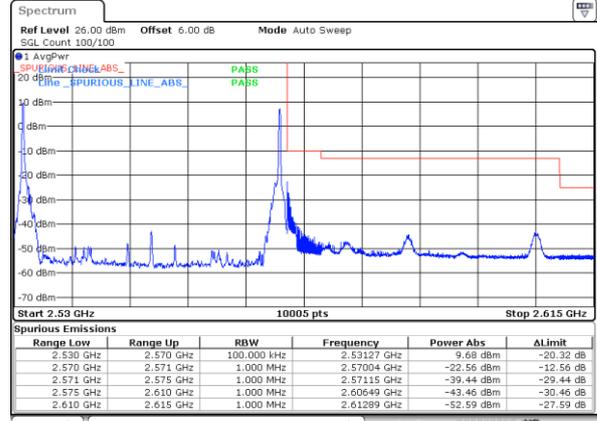
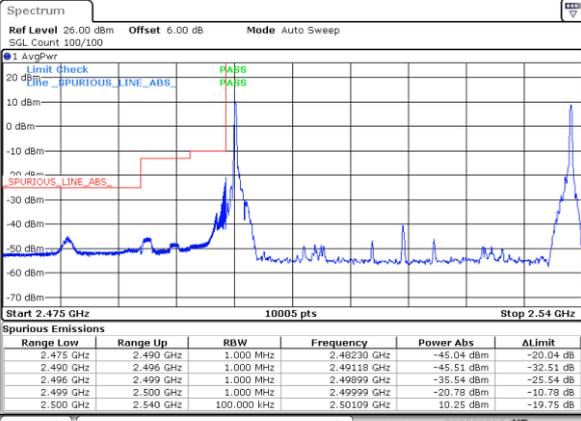


LTE Band 7c / 20MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

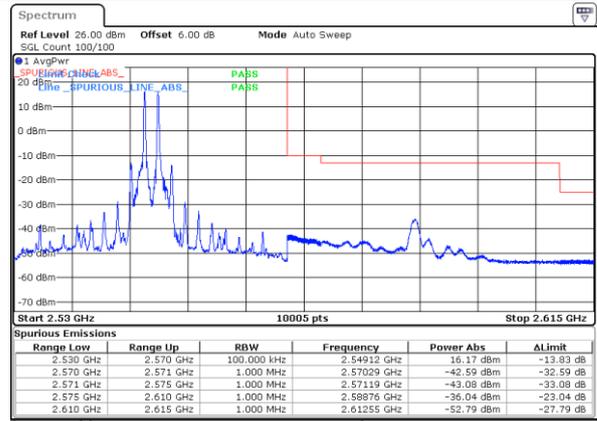
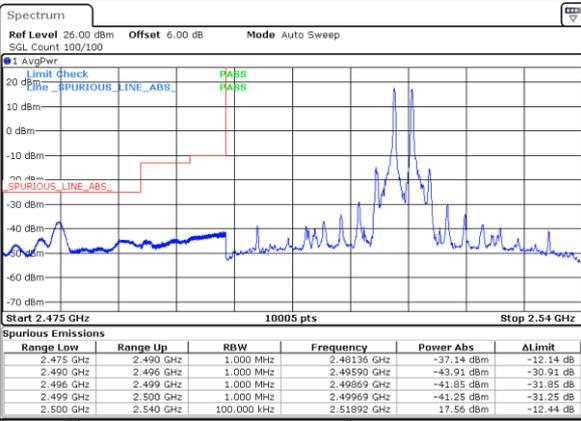


Date: 18.NOV.2024 02:01:12

Date: 18.NOV.2024 02:30:51

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

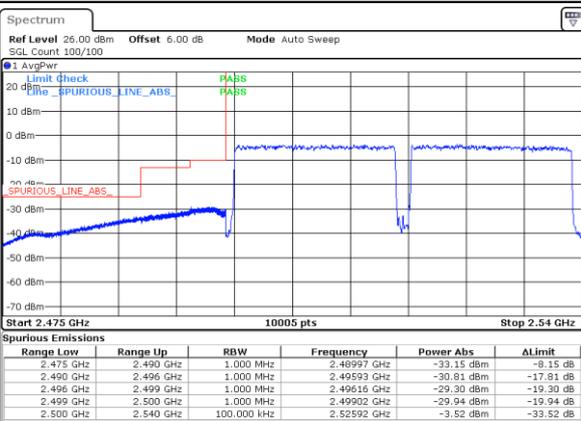


Date: 18.NOV.2024 02:05:48

Date: 18.NOV.2024 02:34:04

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.NOV.2024 02:10:23

Date: 18.NOV.2024 06:17:44