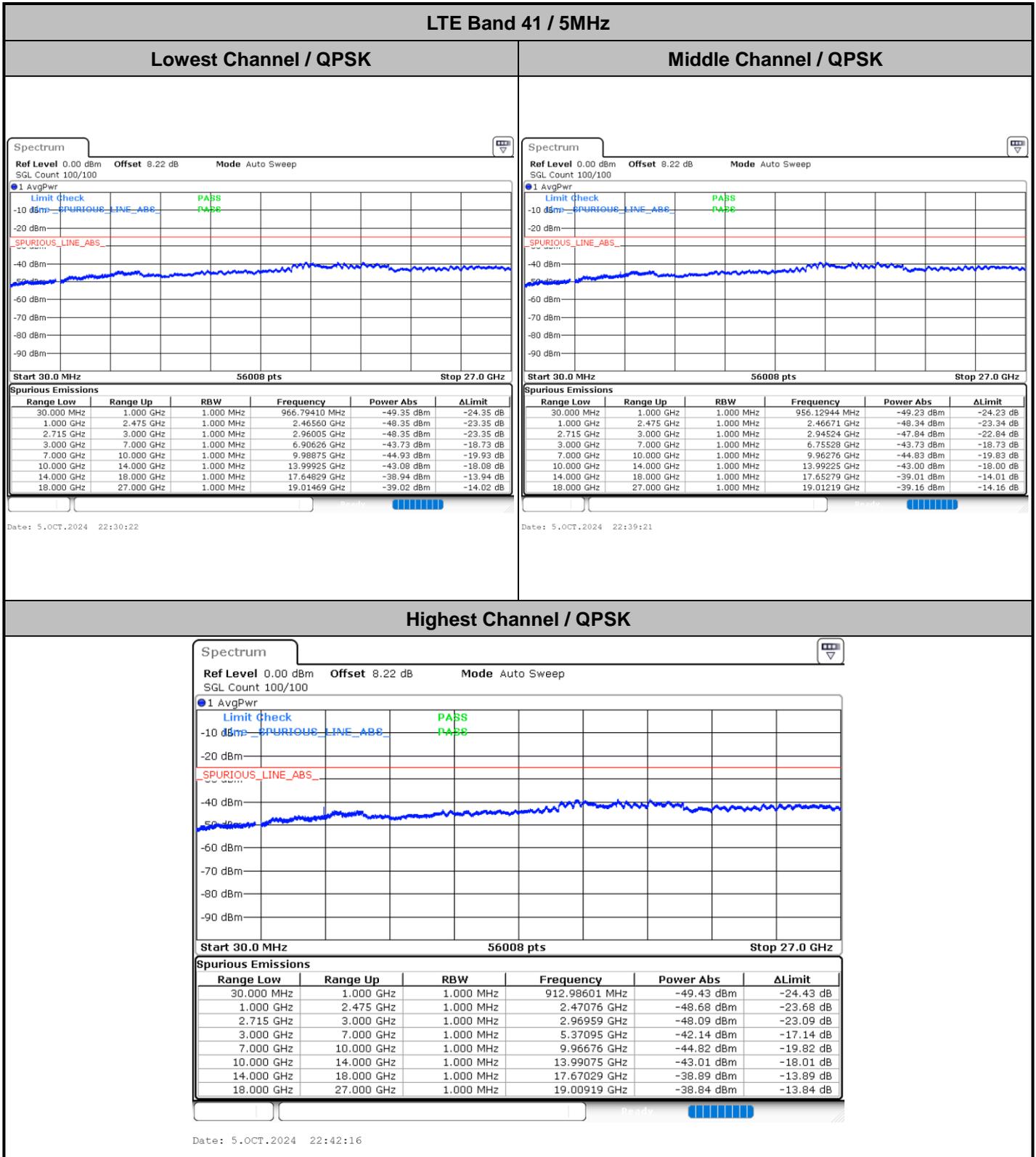




# Conducted Spurious Emission

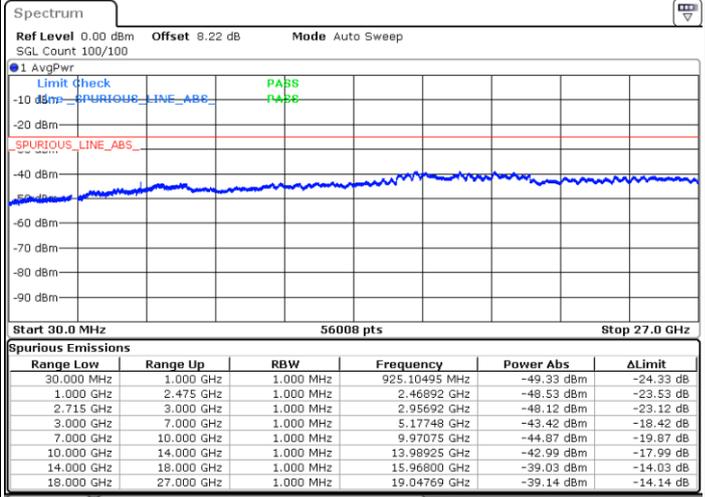
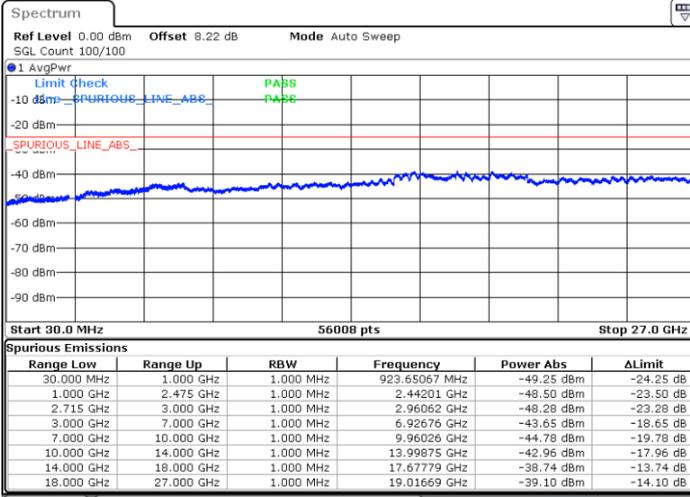




LTE Band 41 / 10MHz

Lowest Channel / QPSK

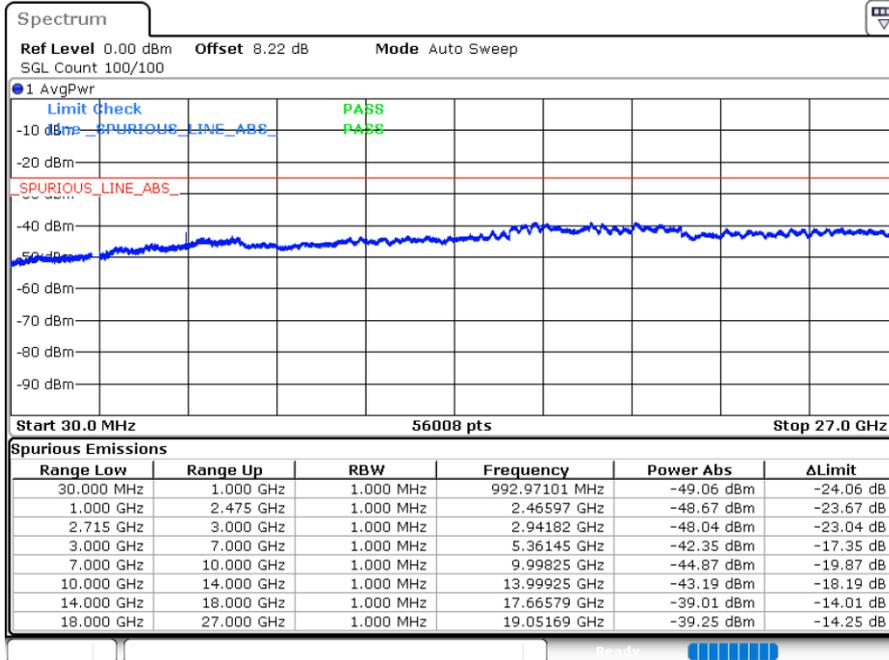
Middle Channel / QPSK



Date: 5.OCT.2024 22:53:08

Date: 5.OCT.2024 23:02:04

Highest Channel / QPSK



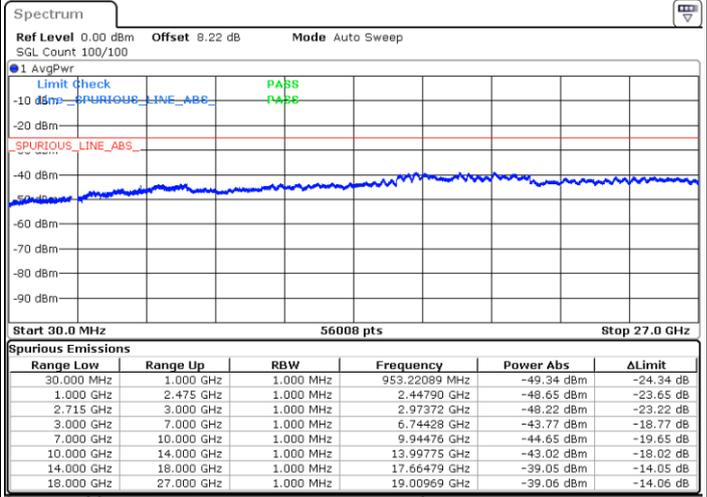
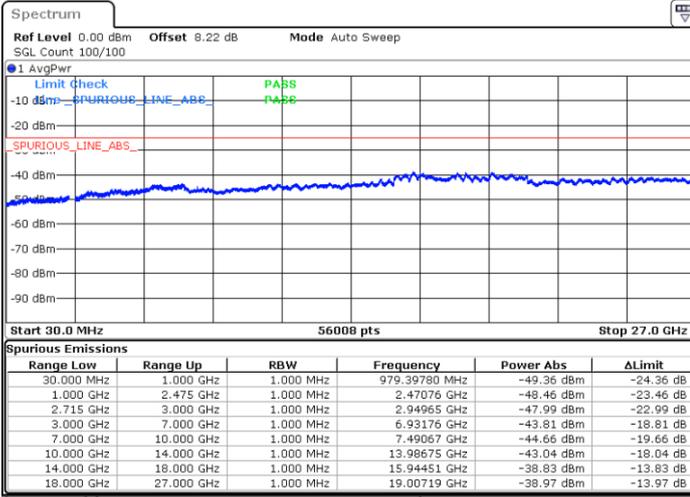
Date: 5.OCT.2024 23:05:00



LTE Band 41 / 15MHz

Lowest Channel / QPSK

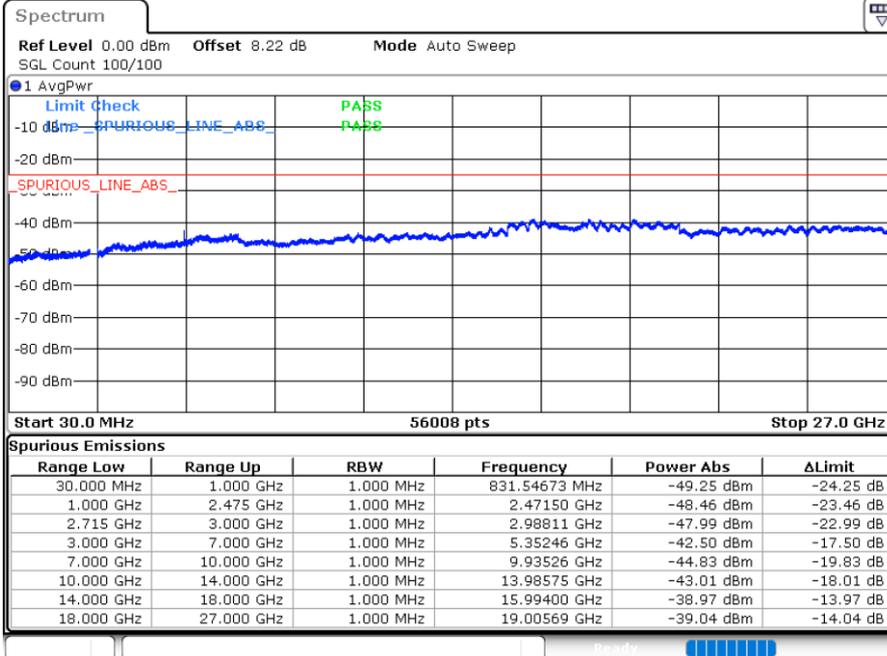
Middle Channel / QPSK



Date: 5.OCT.2024 23:14:49

Date: 5.OCT.2024 23:23:45

Highest Channel / QPSK



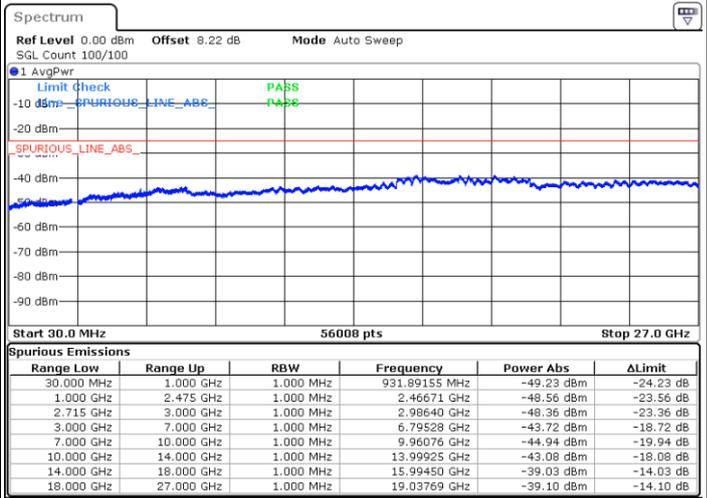
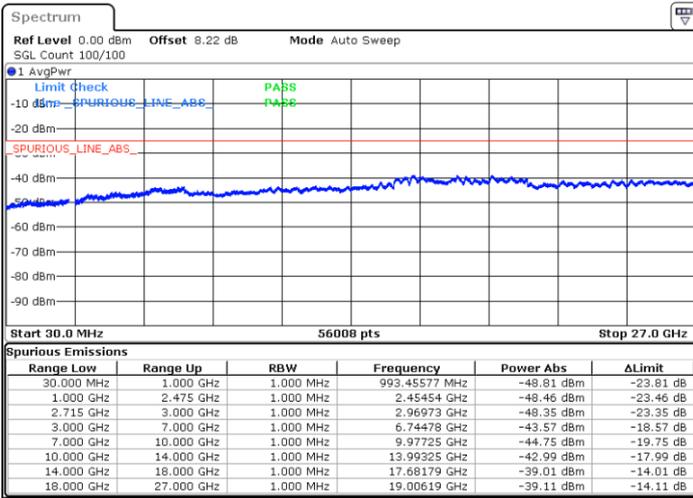
Date: 5.OCT.2024 23:26:40



LTE Band 41 / 20MHz

Lowest Channel / QPSK

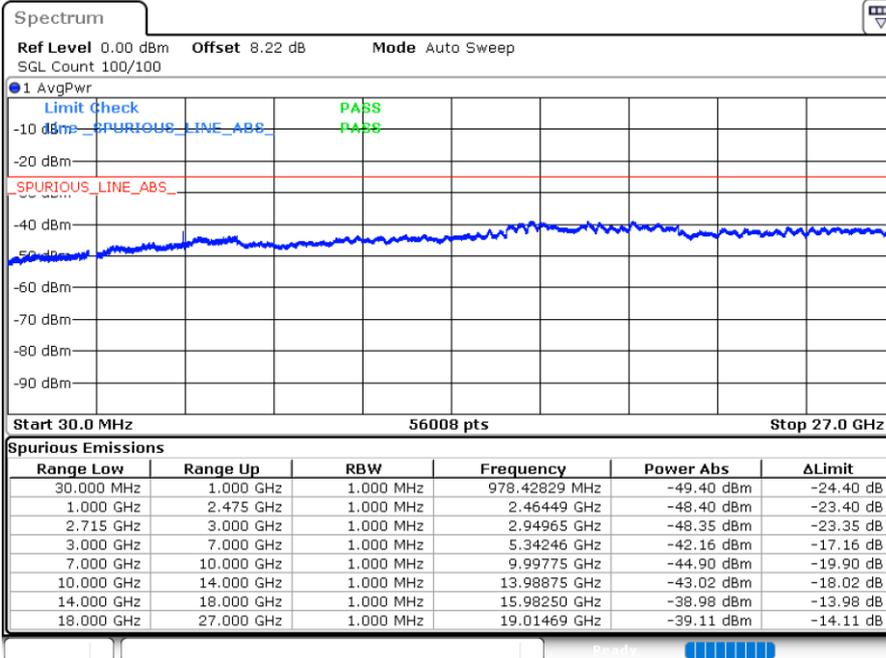
Middle Channel / QPSK



Date: 5.OCT.2024 23:36:29

Date: 5.OCT.2024 23:45:25

Highest Channel / QPSK



Date: 5.OCT.2024 23:47:00



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	0.0014	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0028	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0037	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0038	
20	Battery End Point	0.0025	

Note:

1. Normal Voltage =3.77 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.2V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 7C

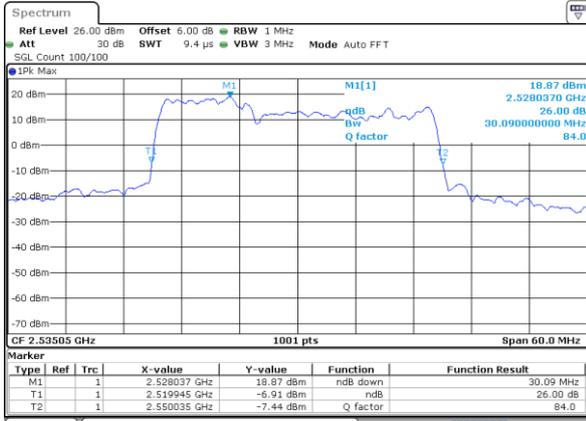
## 26dB Bandwidth

Mode	LTE Band 7c : 26dB BW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	30.09	29.91
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.33	25.33
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.63	30.69
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	34.97	34.76
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.15	29.91
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	35.04	34.97
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	40.04	40.12



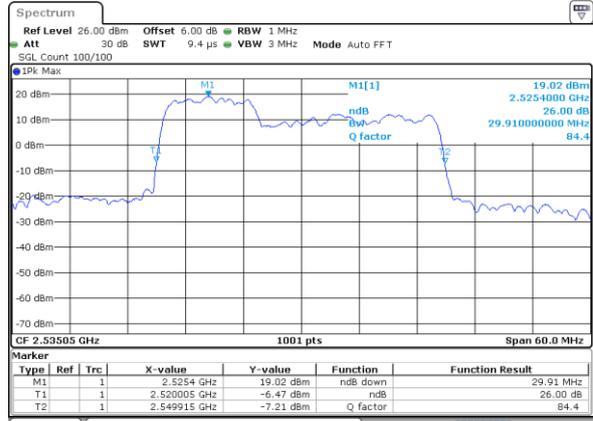
LTE Band 7C

Middle Channel / 10MHz+20MHz / QPSK



Date: 8.OCT.2024 13:11:16

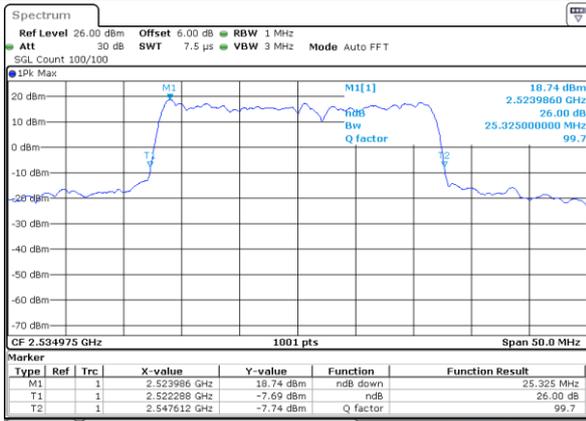
Middle Channel / 10MHz+20MHz / 16QAM



Date: 8.OCT.2024 13:11:44

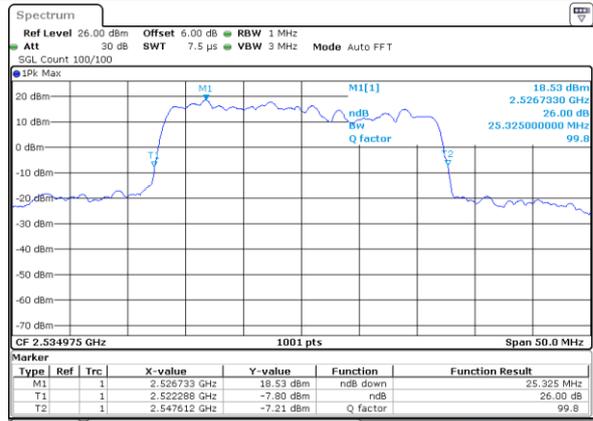
LTE Band 7C

Middle Channel / 15MHz+10MHz / QPSK



Date: 8.OCT.2024 13:18:03

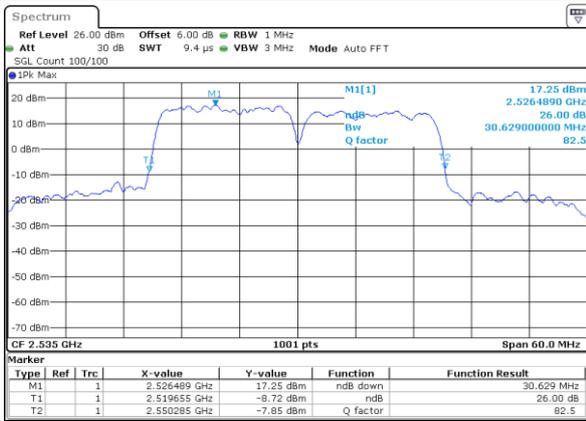
Middle Channel / 15MHz+10MHz / 16QAM



Date: 8.OCT.2024 13:18:31

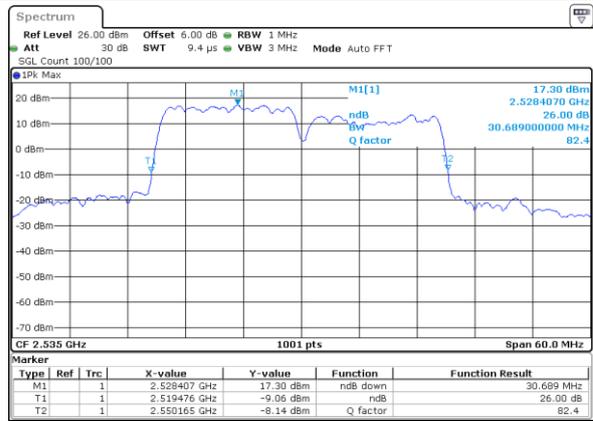
LTE Band 7C

Middle Channel / 15MHz+15MHz / QPSK



Date: 8.OCT.2024 13:16:09

Middle Channel / 15MHz+15MHz / 16QAM

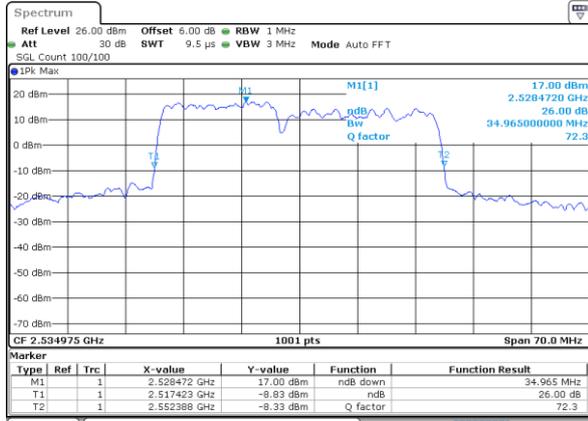


Date: 8.OCT.2024 13:16:36



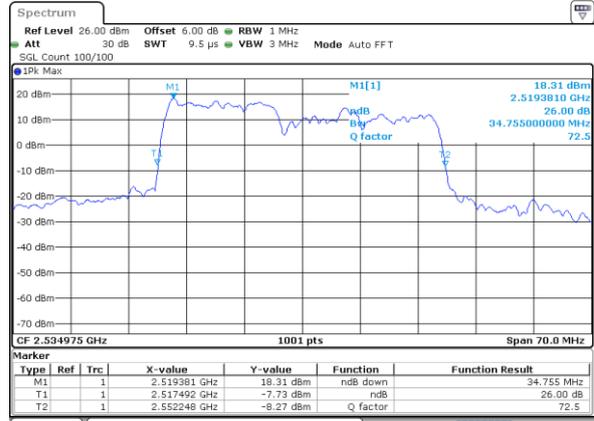
LTE Band 7C

Middle Channel / 15MHz+20MHz / QPSK



Date: 8.OCT.2024 13:14:14

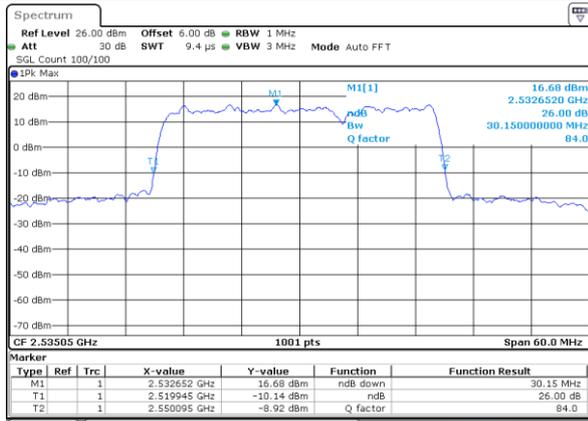
Middle Channel / 15MHz+20MHz / 16QAM



Date: 8.OCT.2024 13:14:42

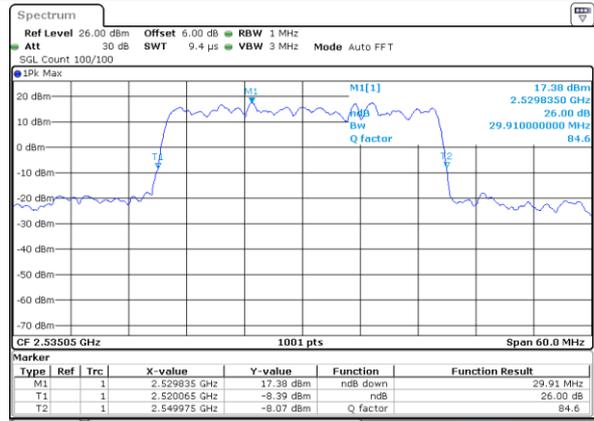
LTE Band 7C

Middle Channel / 20MHz+10MHz / QPSK



Date: 8.OCT.2024 13:08:33

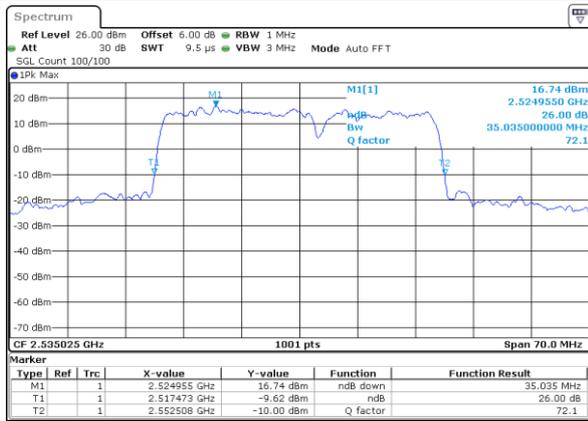
Middle Channel / 20MHz+10MHz / 16QAM



Date: 8.OCT.2024 13:09:01

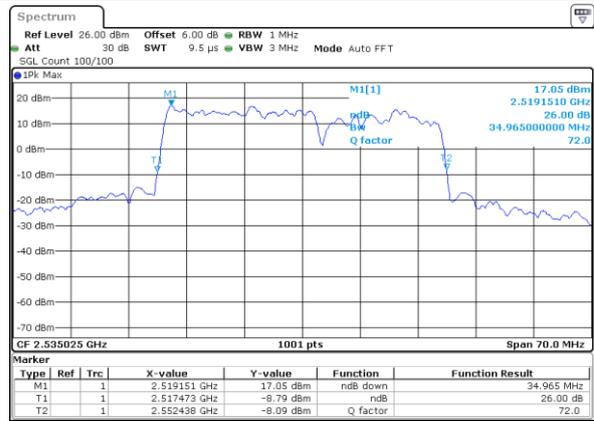
LTE Band 7C

Middle Channel / 20MHz+15MHz / QPSK



Date: 8.OCT.2024 13:06:38

Middle Channel / 20MHz+15MHz / 16QAM

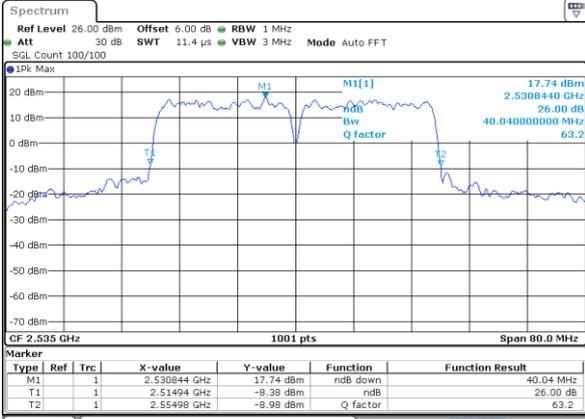


Date: 8.OCT.2024 13:07:06



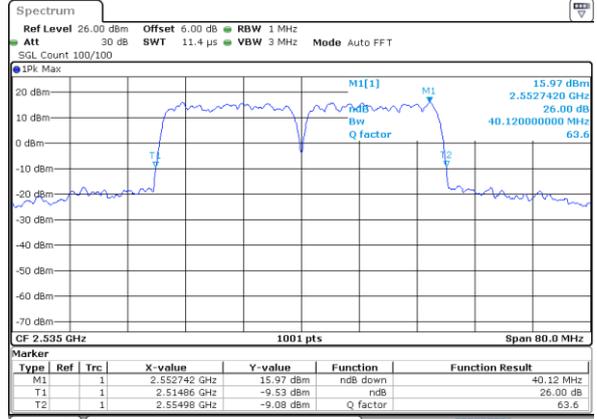
LTE Band 7C

Middle Channel / 20MHz+20MHz / QPSK



Date: 6.OCT.2024 05:20:36

Middle Channel / 20MHz+20MHz / 16QAM



Date: 6.OCT.2024 05:21:04



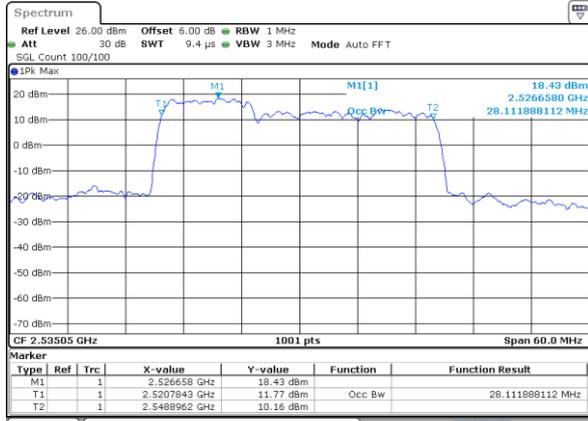
### Occupied Bandwidth

Mode	LTE Band 7C : 99%OBW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	28.11	28.11
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.63	23.43
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.77	28.71
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	32.94	32.87
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.17	27.93
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	33.01	32.80
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.80	37.72



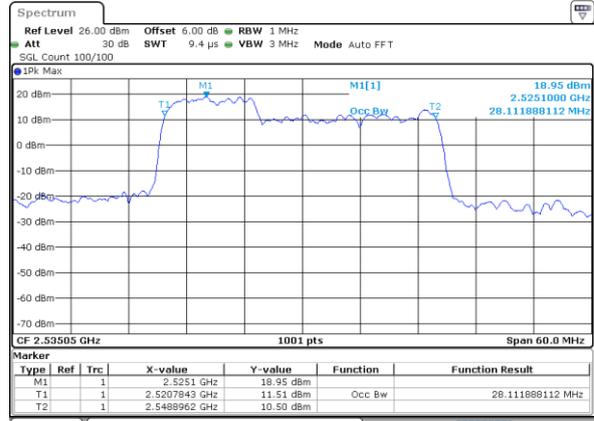
LTE Band 7C

Middle Channel / 10MHz+20MHz / QPSK



Date: 8.OCT.2024 13:10:48

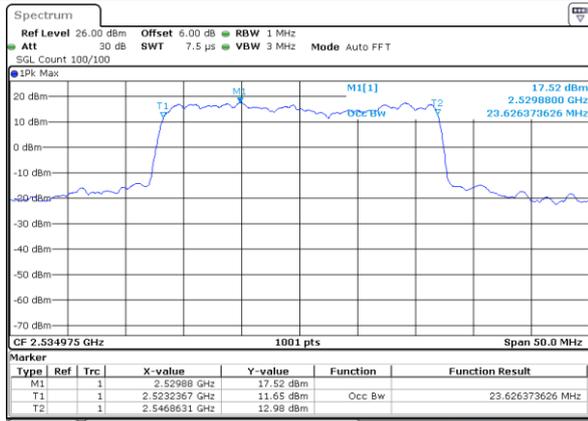
Middle Channel / 10MHz+20MHz / 16QAM



Date: 8.OCT.2024 13:12:11

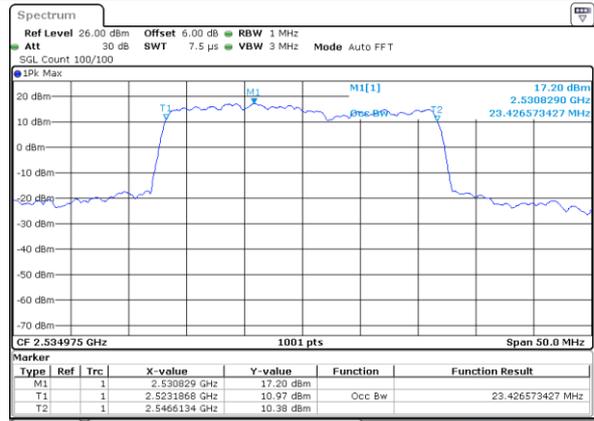
LTE Band 7C

Middle Channel / 15MHz+10MHz / QPSK



Date: 8.OCT.2024 13:17:36

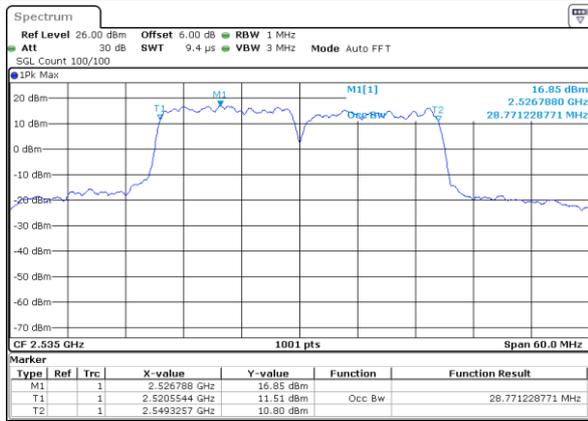
Middle Channel / 15MHz+10MHz / 16QAM



Date: 8.OCT.2024 13:18:58

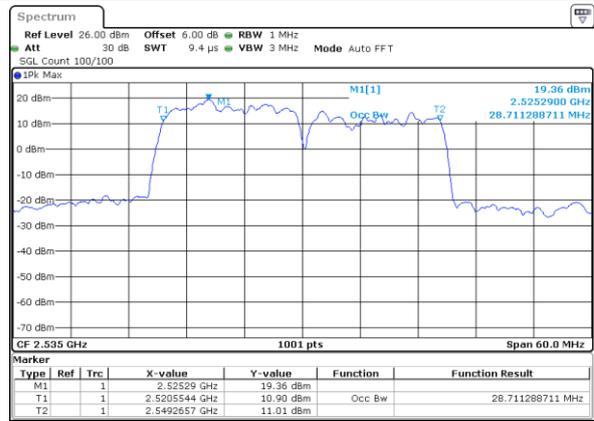
LTE Band 7C

Middle Channel / 15MHz+15MHz / QPSK



Date: 8.OCT.2024 13:15:41

Middle Channel / 15MHz+15MHz / 16QAM

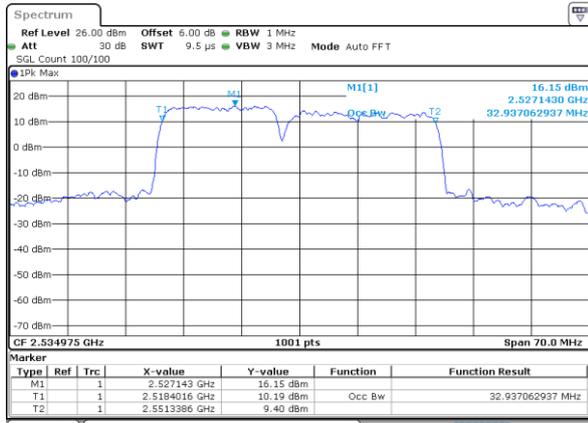


Date: 8.OCT.2024 13:17:04



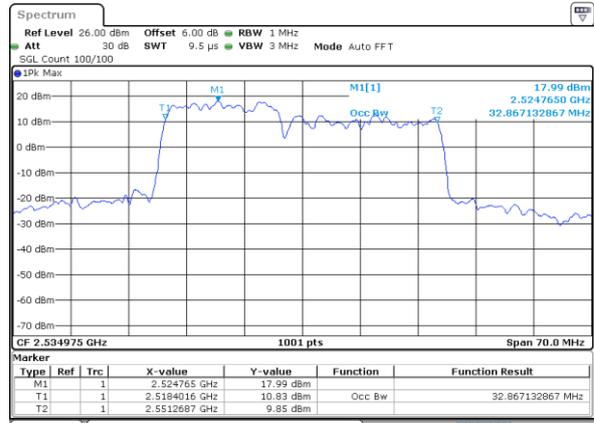
LTE Band 7C

Middle Channel / 15MHz+20MHz / QPSK



Date: 8.OCT.2024 13:13:47

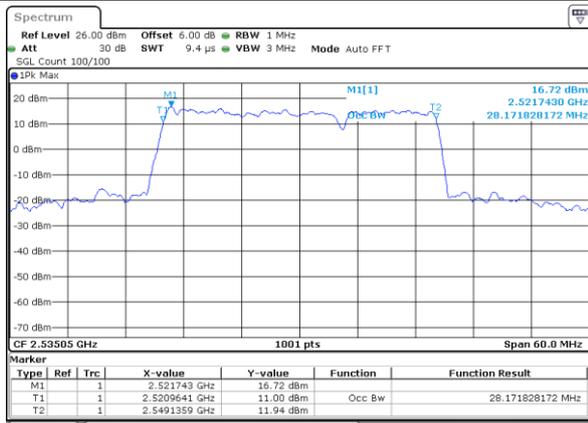
Middle Channel / 15MHz+20MHz / 16QAM



Date: 8.OCT.2024 13:15:09

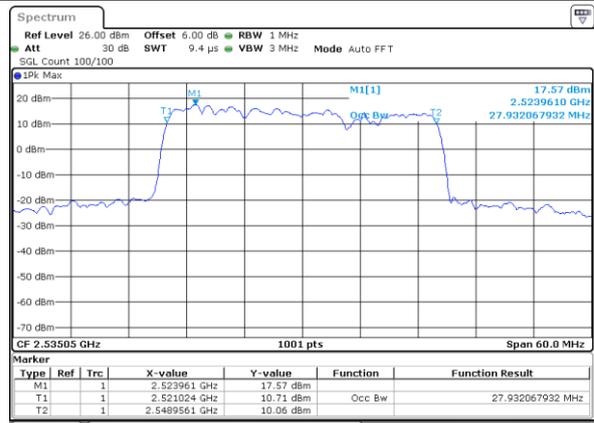
LTE Band 7C

Middle Channel / 20MHz+10MHz / QPSK



Date: 8.OCT.2024 13:08:05

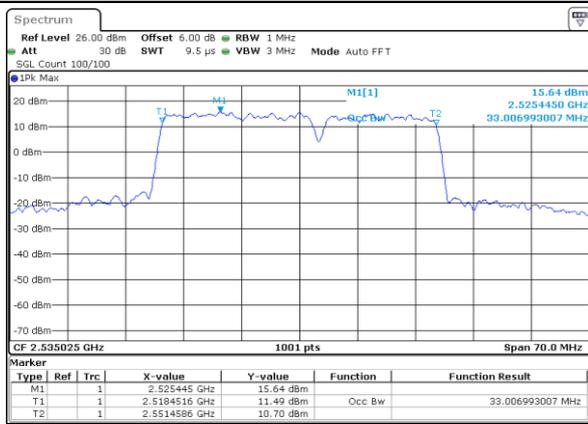
Middle Channel / 20MHz+10MHz / 16QAM



Date: 8.OCT.2024 13:09:28

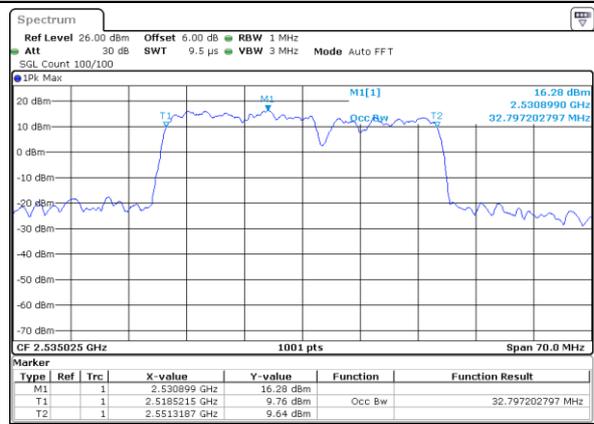
LTE Band 7C

Middle Channel / 20MHz+15MHz / QPSK



Date: 8.OCT.2024 13:06:11

Middle Channel / 20MHz+15MHz / 16QAM

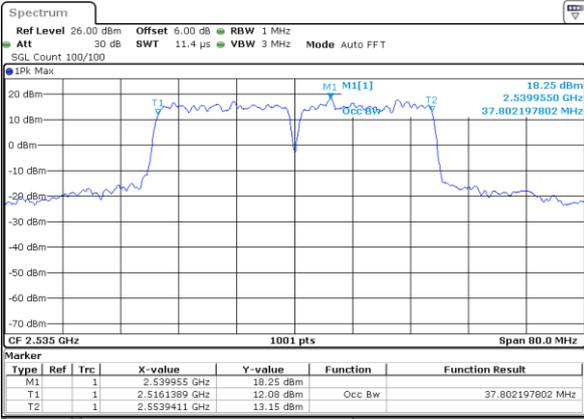


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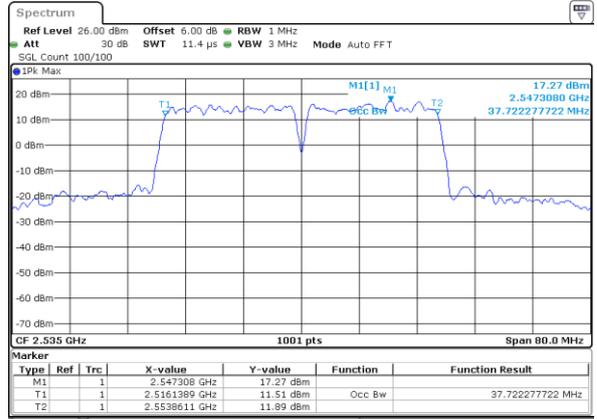
LTE Band 7C

Middle Channel / 20MHz+20MHz / QPSK



Date: 6.OCT.2024 05:20:08

Middle Channel / 20MHz+20MHz / 16QAM



Date: 6.OCT.2024 05:21:31

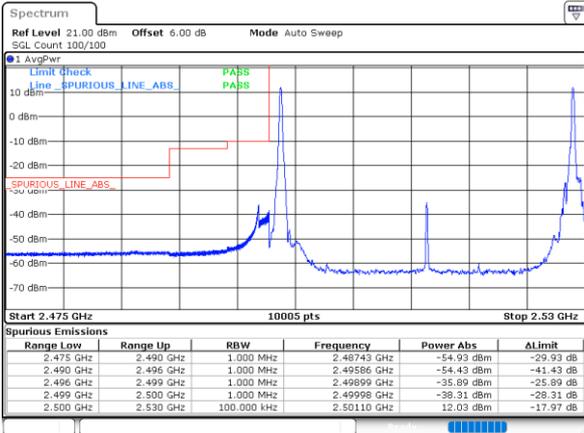


# Conducted Band Edge

## LTE Band 7C / 10MHz+20MHz

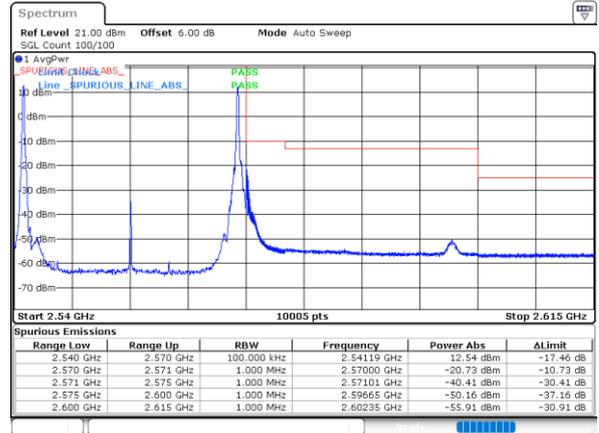
### QPSK

#### Lowest Band Edge / 1RB0 and 1RB99



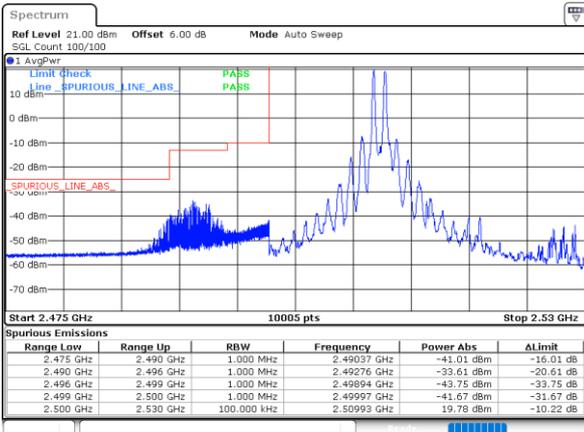
Date: 6.OCT.2024 00:55:52

#### Highest Band Edge / 1RB0 and 1RB99



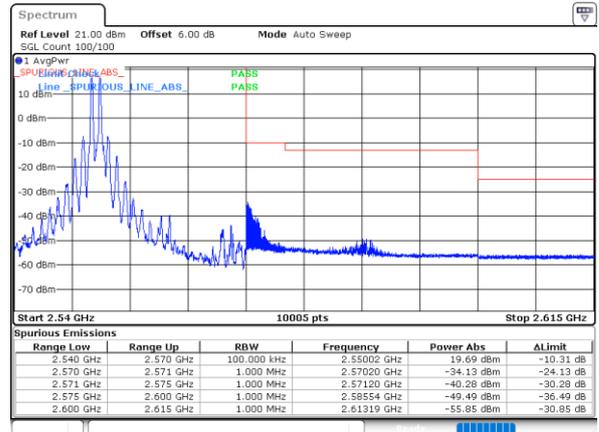
Date: 6.OCT.2024 01:18:17

#### Lowest Band Edge / 1RB49 and 1RB0

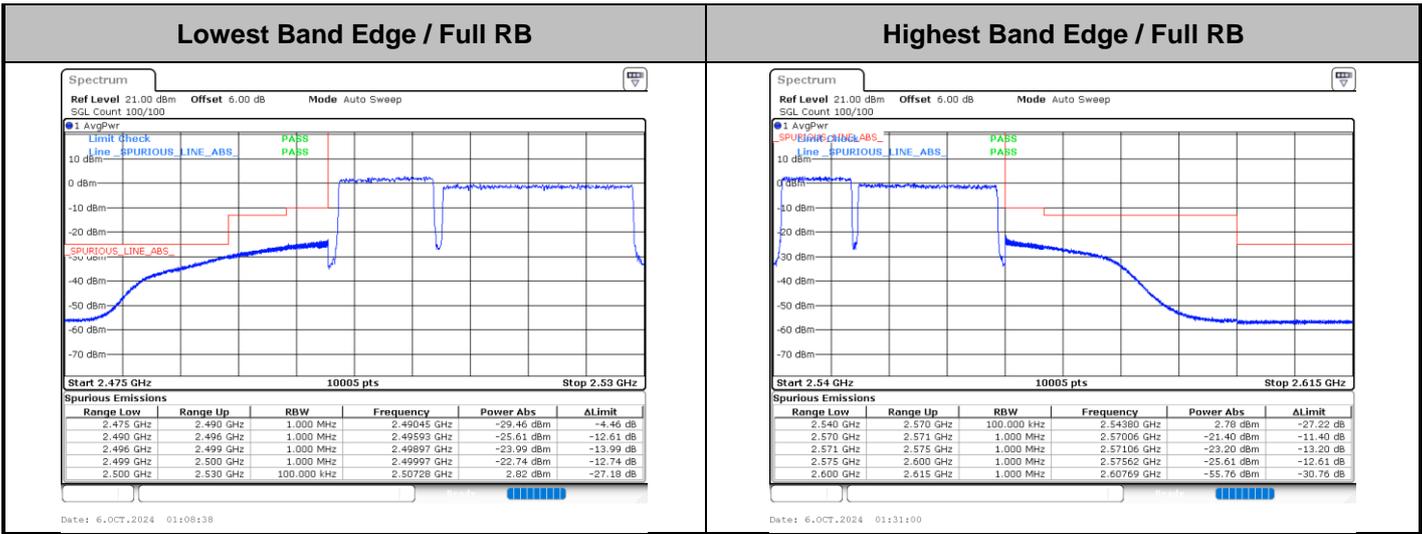


Date: 6.OCT.2024 01:02:15

#### Highest Band Edge / 1RB49 and 1RB0



Date: 6.OCT.2024 01:24:38

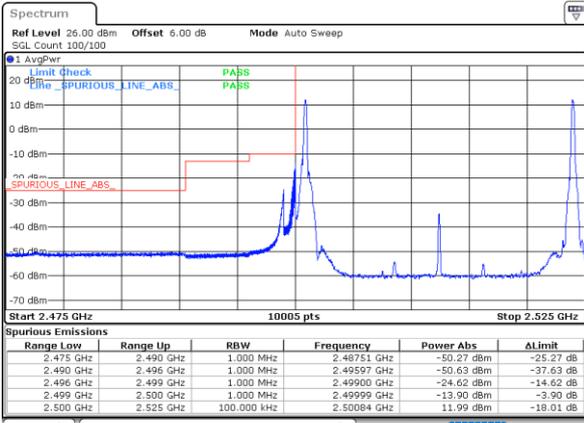




LTE Band 7C / 15MHz+10MHz

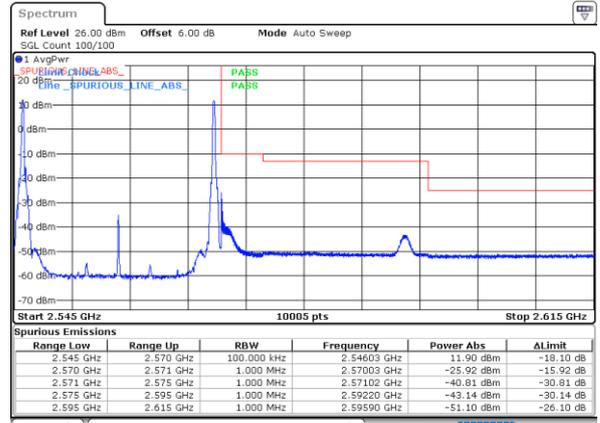
QPSK

Lowest Band Edge / 1RB0 and 1RB49



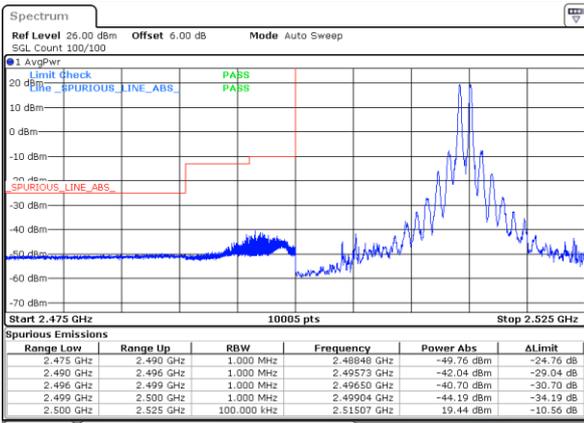
Date: 6.OCT.2024 01:39:06

Highest Band Edge / 1RB0 and 1RB49



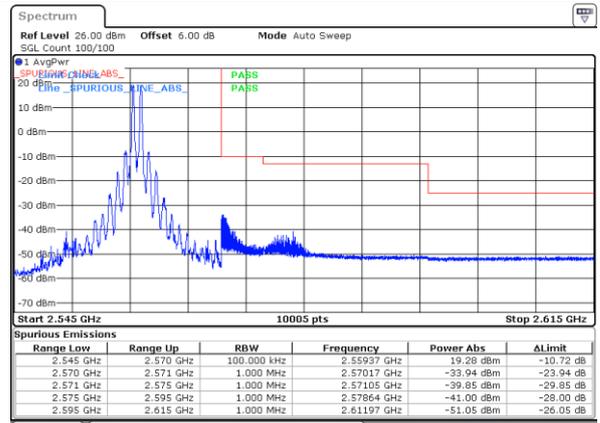
Date: 6.OCT.2024 02:01:43

Lowest Band Edge / 1RB74 and 1RB0



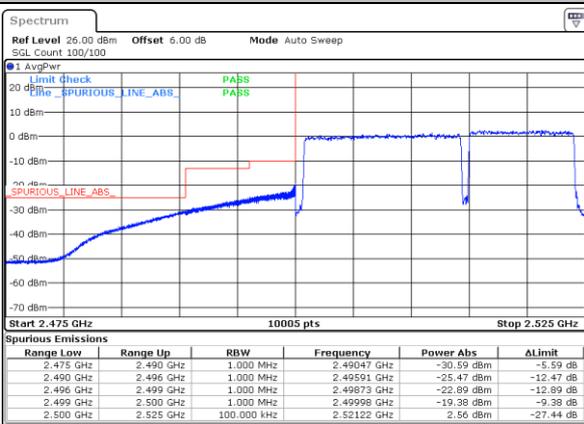
Date: 6.OCT.2024 01:45:28

Highest Band Edge / 1RB74 and 1RB0



Date: 6.OCT.2024 02:08:04

Lowest Band Edge / Full RB



Date: 6.OCT.2024 01:51:52

Highest Band Edge / Full RB



Date: 6.OCT.2024 02:14:39

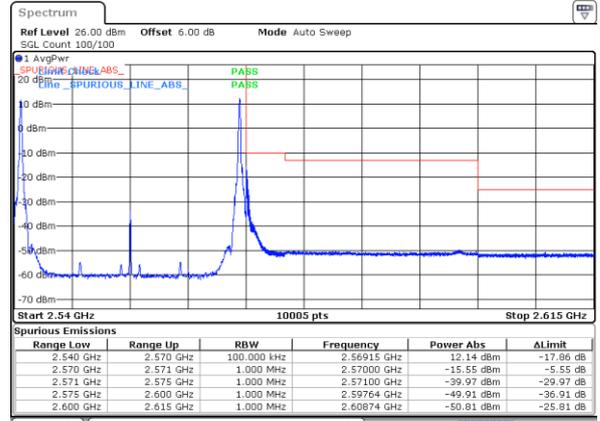
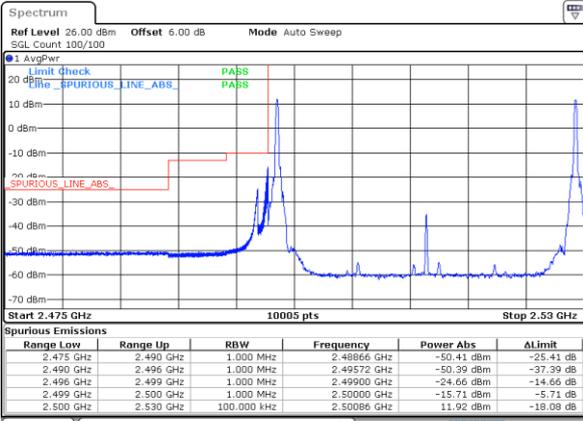


LTE Band 7C / 15MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

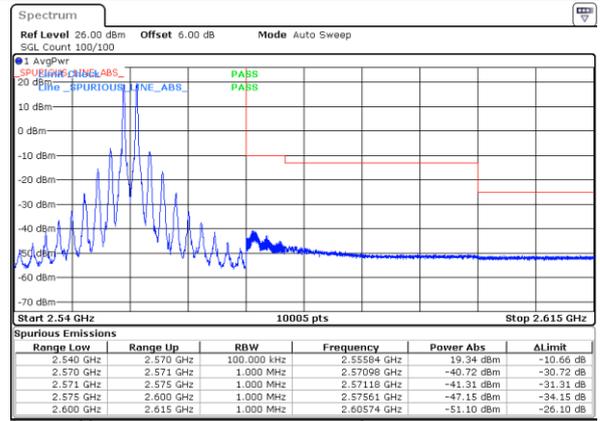
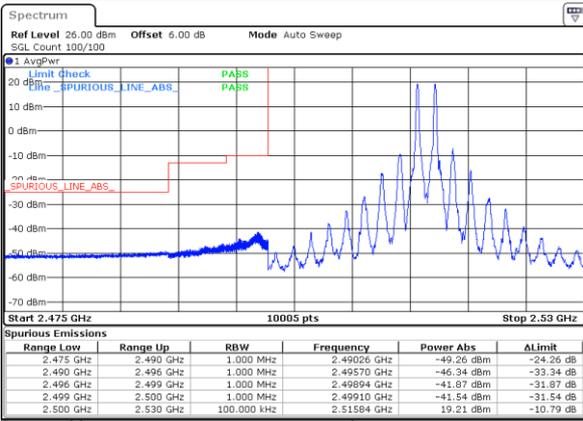


Date: 6.OCT.2024 02:12:13Z

Date: 6.OCT.2024 02:14:49

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

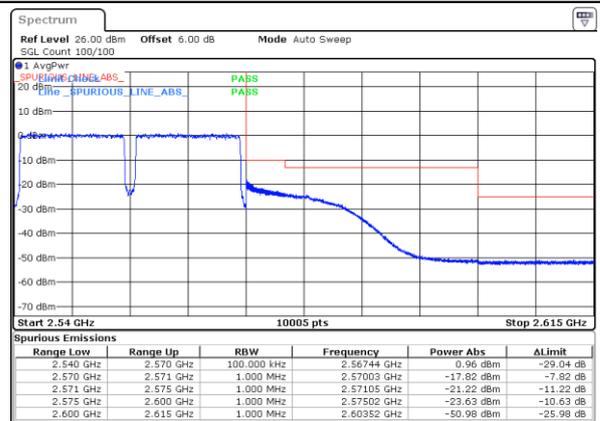
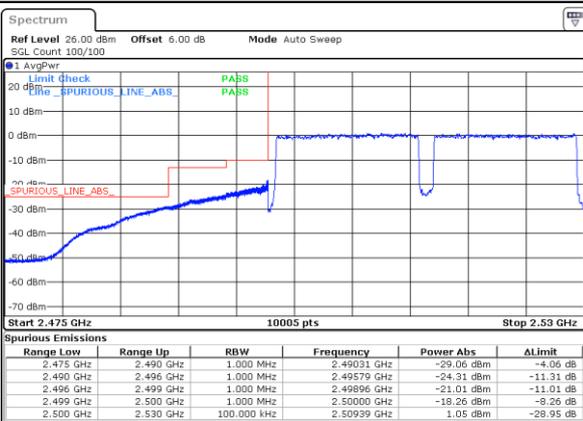


Date: 6.OCT.2024 02:28:48

Date: 6.OCT.2024 02:51:02

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6.OCT.2024 02:35:03

Date: 6.OCT.2024 02:57:16

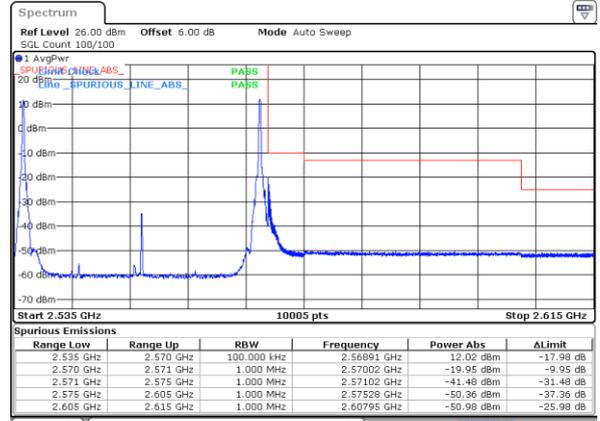
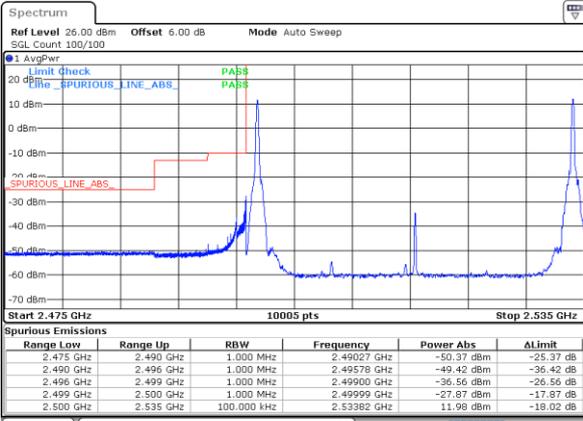


LTE Band 7C / 15MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

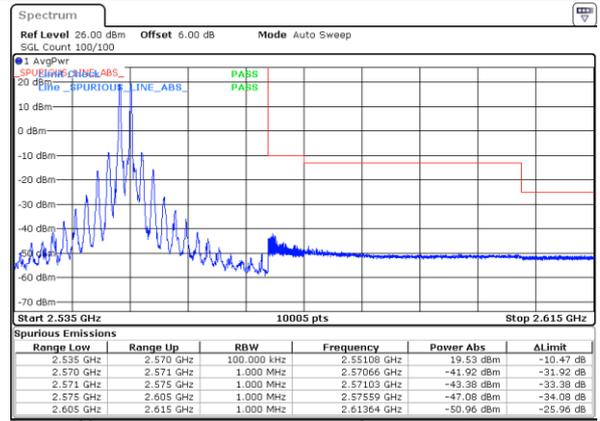
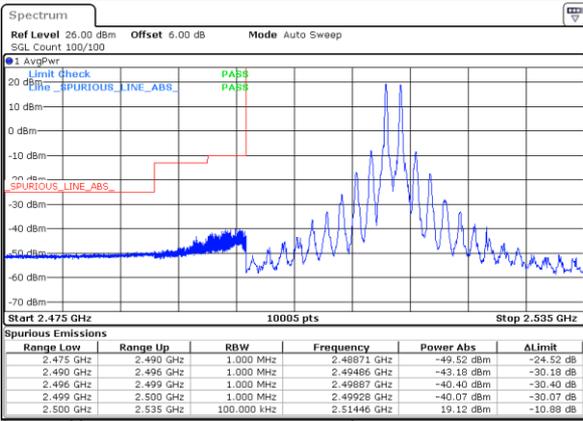


Date: 6.OCT.2024 03:05:14

Date: 6.OCT.2024 03:26:55

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

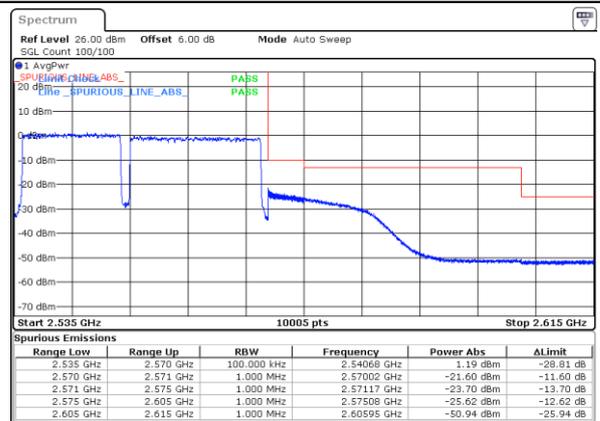
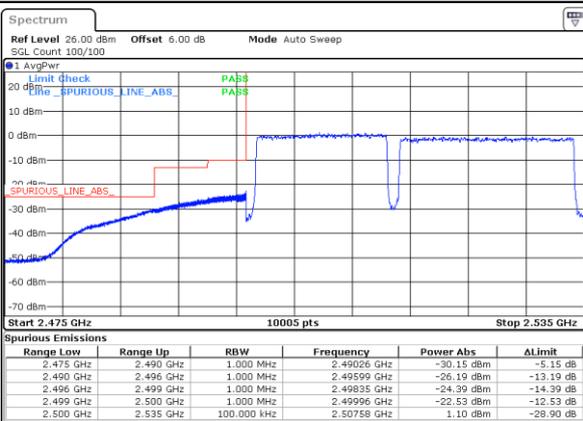


Date: 6.OCT.2024 03:11:38

Date: 6.OCT.2024 03:31:15

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6.OCT.2024 03:18:01

Date: 6.OCT.2024 03:35:37

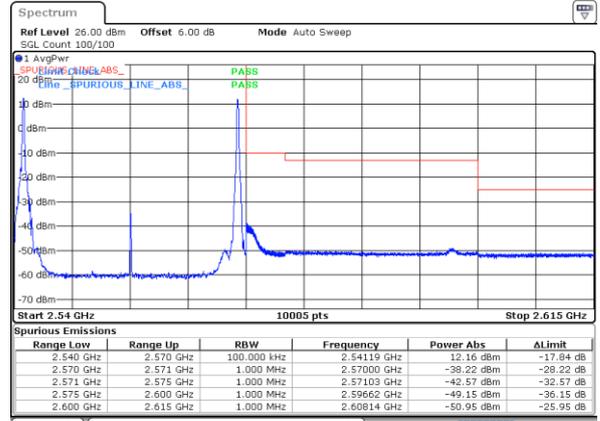
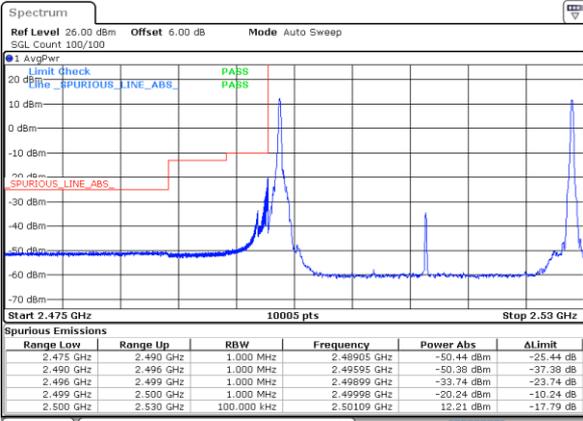


LTE Band 7C / 20MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

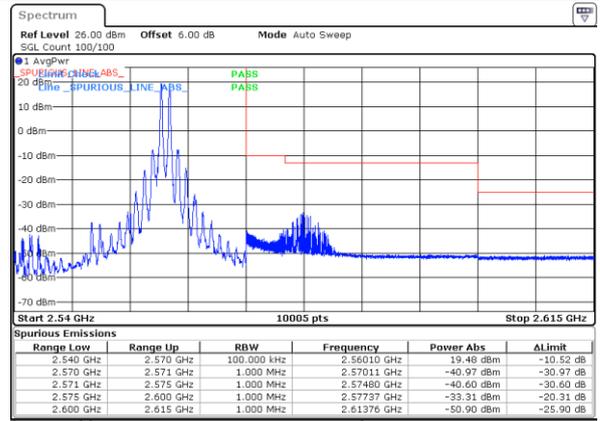
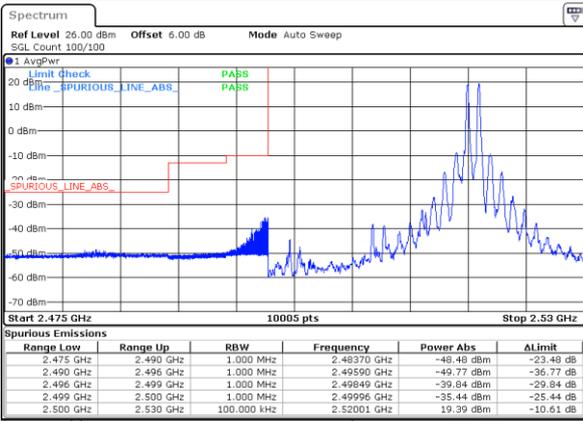


Date: 6.OCT.2024 03:41:46

Date: 6.OCT.2024 03:58:19

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

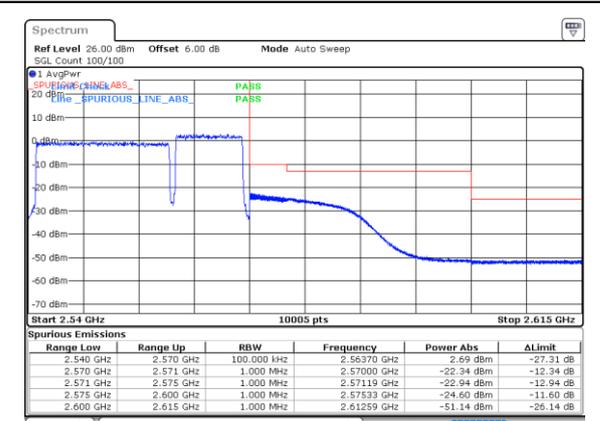
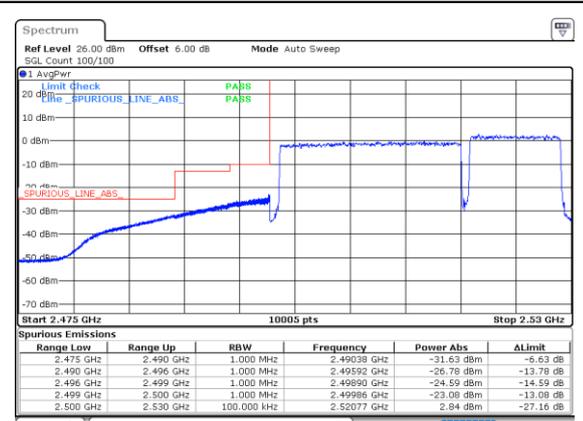


Date: 6.OCT.2024 03:46:10

Date: 6.OCT.2024 04:02:39

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6.OCT.2024 03:50:33

Date: 6.OCT.2024 04:00:11

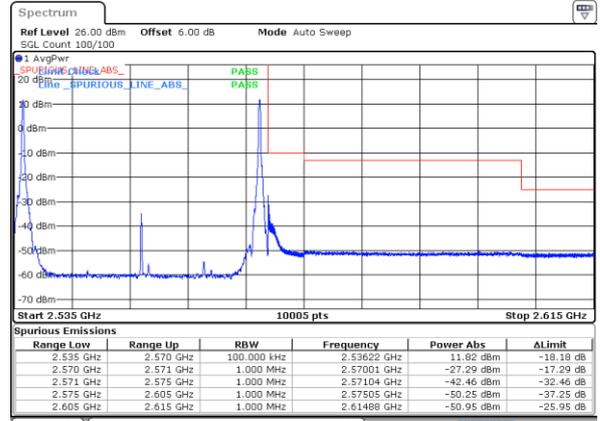
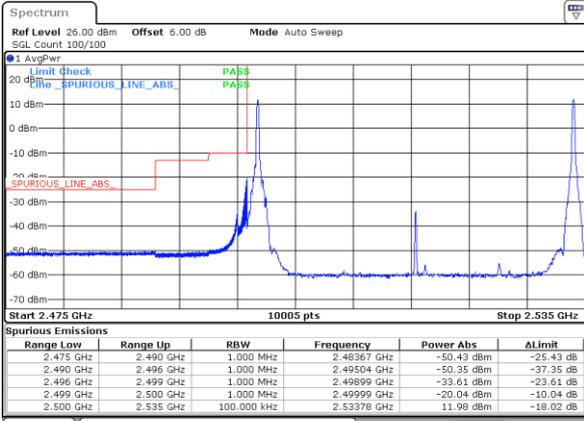


LTE Band 7C / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

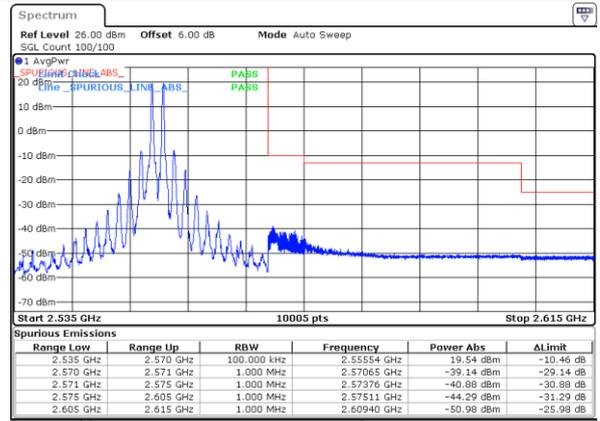
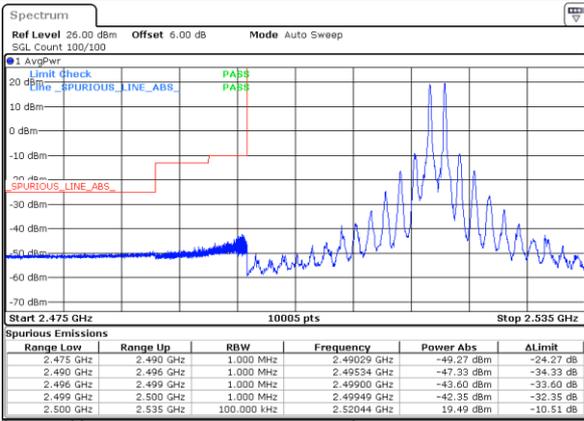


Date: 6.OCT.2024 04:12:58

Date: 6.OCT.2024 04:37:00

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

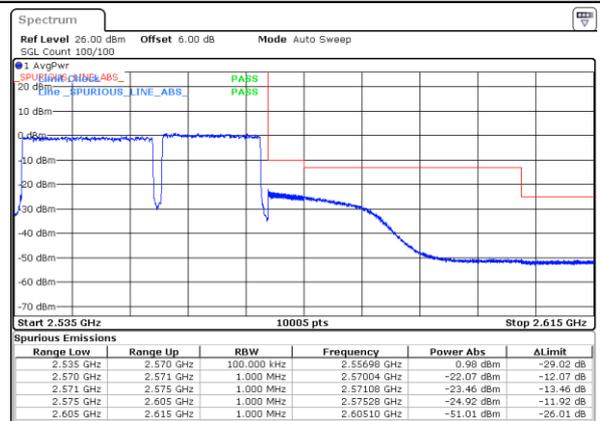
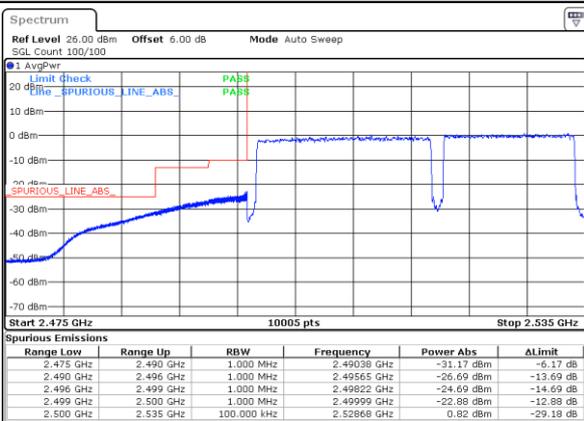


Date: 6.OCT.2024 04:17:22

Date: 6.OCT.2024 04:41:21

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6.OCT.2024 04:21:45

Date: 6.OCT.2024 04:45:42

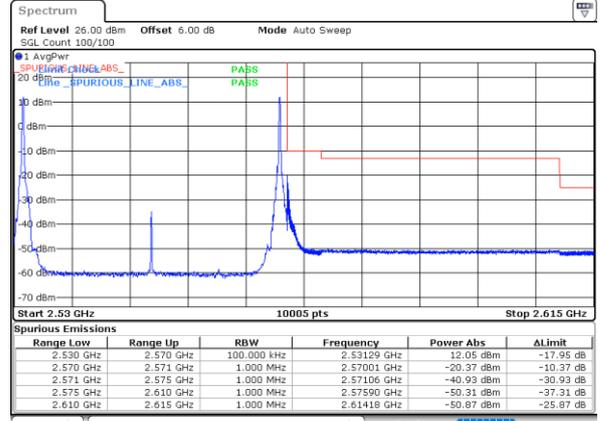
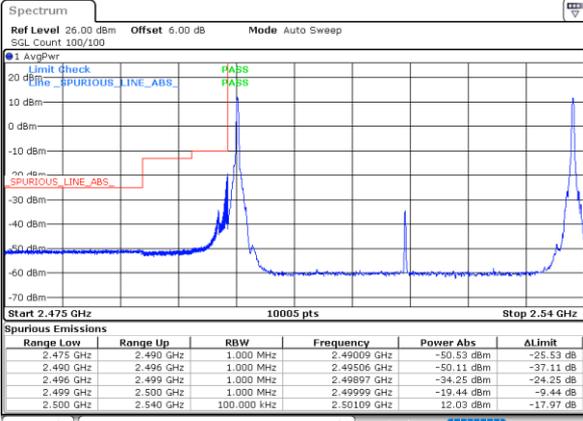


LTE Band 7C / 20MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

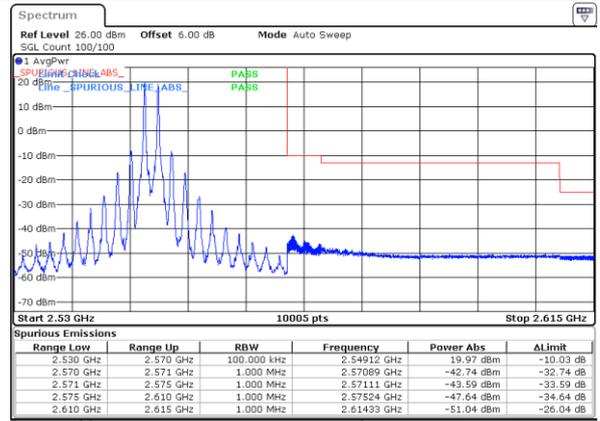
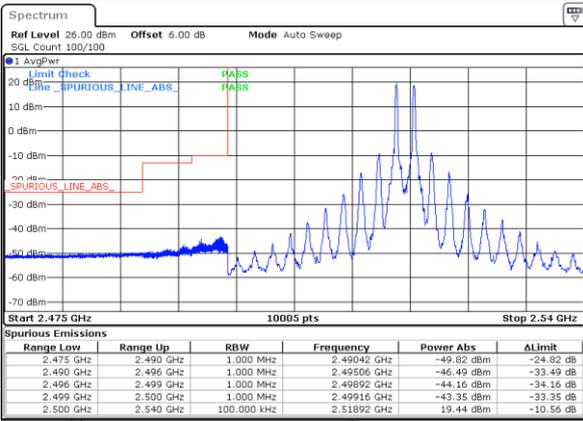


Date: 6.OCT.2024 04:51:35

Date: 6.OCT.2024 05:07:50

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

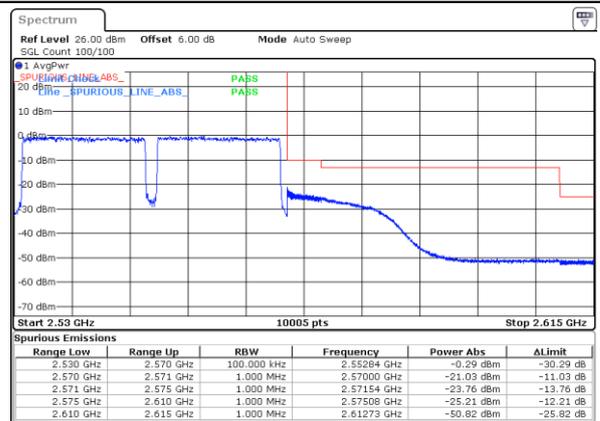
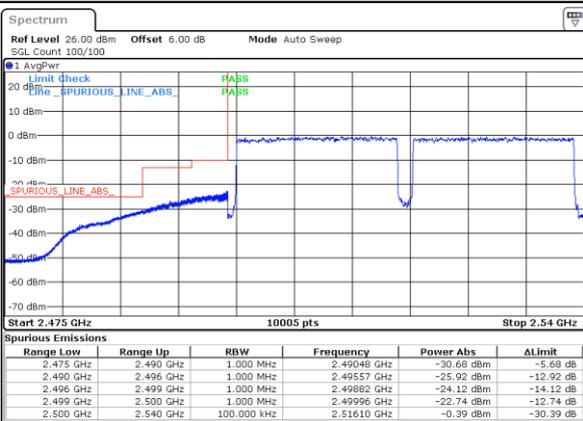


Date: 6.OCT.2024 04:55:49

Date: 6.OCT.2024 05:12:04

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6.OCT.2024 05:00:05

Date: 6.OCT.2024 05:16:17

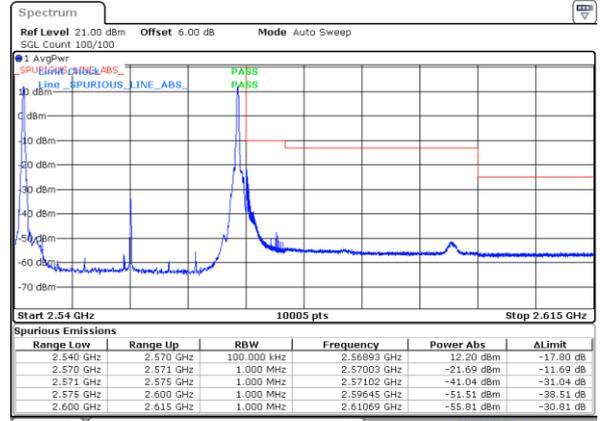
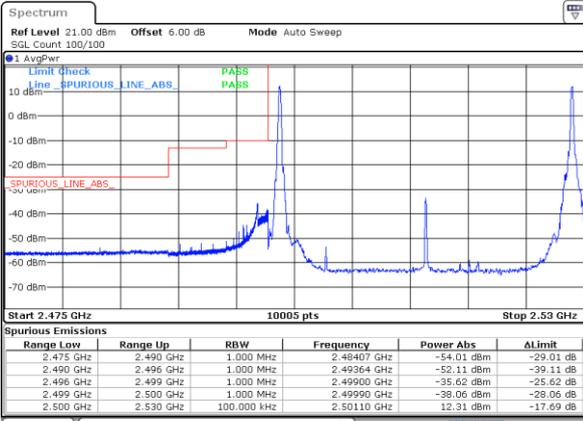


LTE Band 7C / 10MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

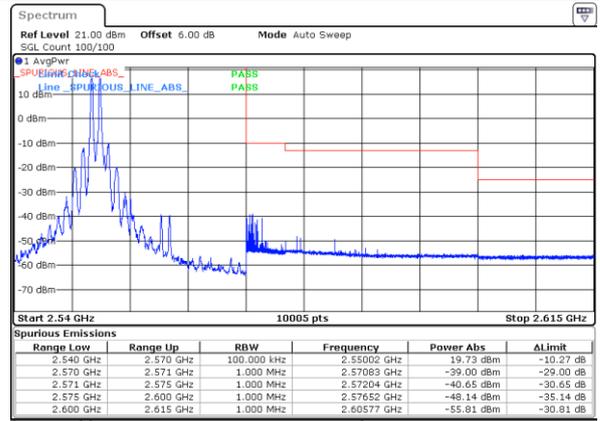
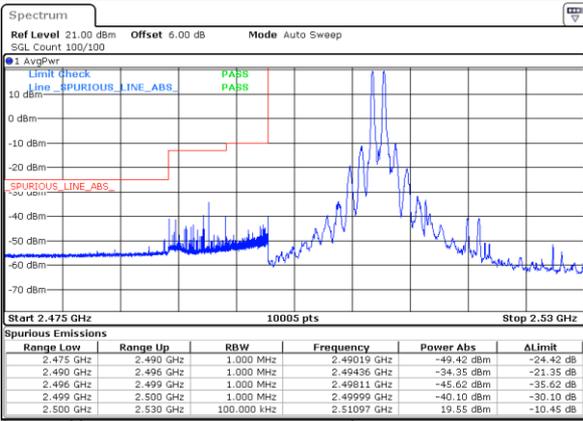


Date: 6.OCT.2024 00:57:28

Date: 6.OCT.2024 01:19:52

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

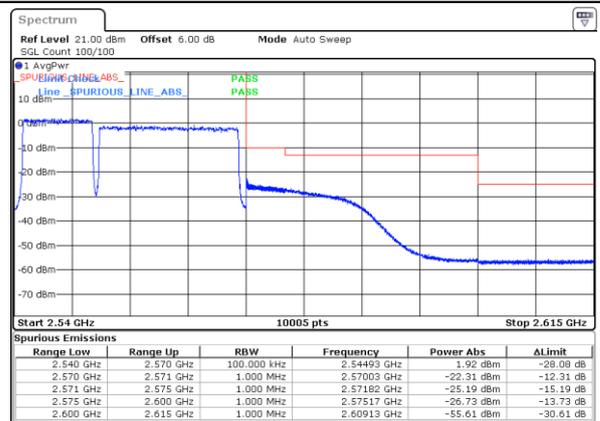
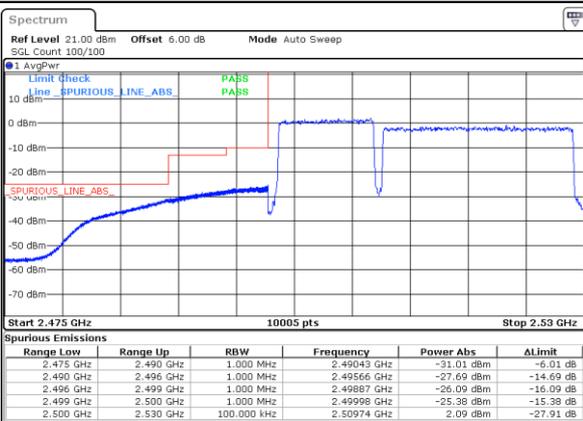


Date: 6.OCT.2024 01:03:50

Date: 6.OCT.2024 01:26:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6.OCT.2024 01:10:14

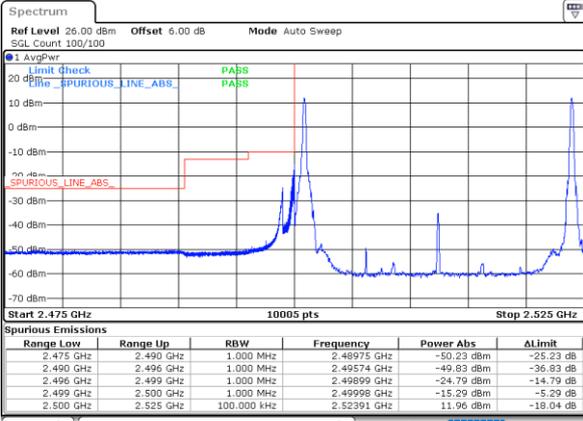
Date: 6.OCT.2024 01:32:35



LTE Band 7C / 15MHz+10MHz

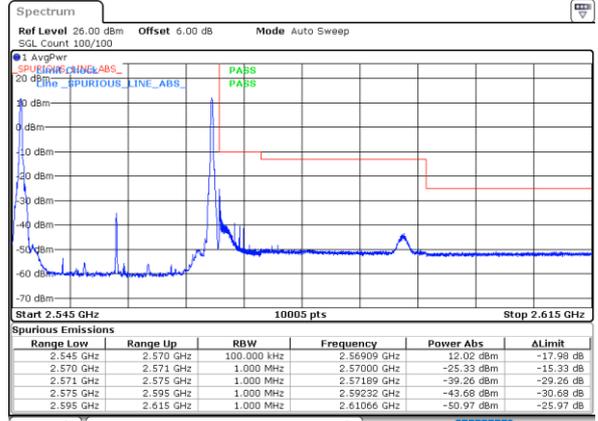
16QAM

Lowest Band Edge / 1RB0 and 1RB49



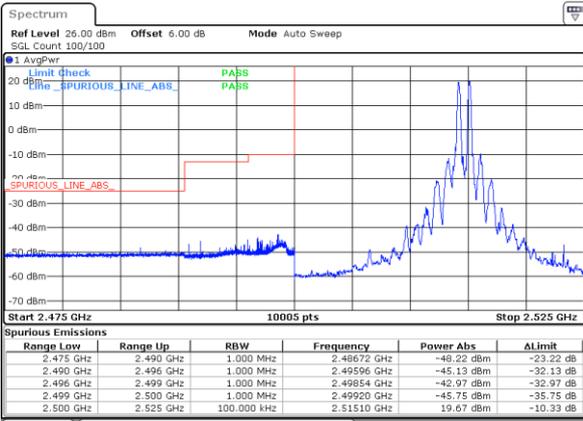
Date: 6.OCT.2024 01:40:41

Highest Band Edge / 1RB0 and 1RB49



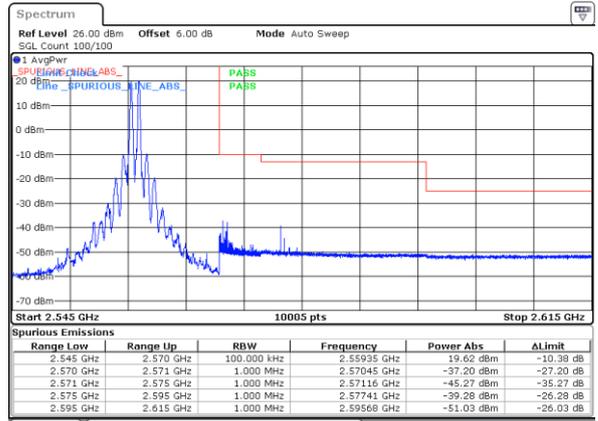
Date: 6.OCT.2024 02:03:18

Lowest Band Edge / 1RB74 and 1RB0



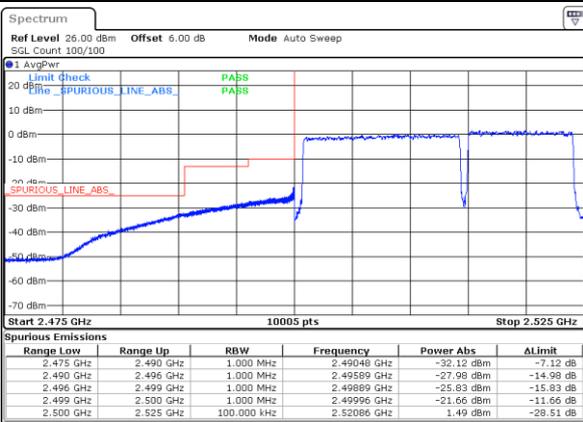
Date: 6.OCT.2024 01:47:04

Highest Band Edge / 1RB74 and 1RB0



Date: 6.OCT.2024 02:09:39

Lowest Band Edge / Full RB



Date: 6.OCT.2024 01:53:27

Highest Band Edge / Full RB



Date: 6.OCT.2024 02:16:14

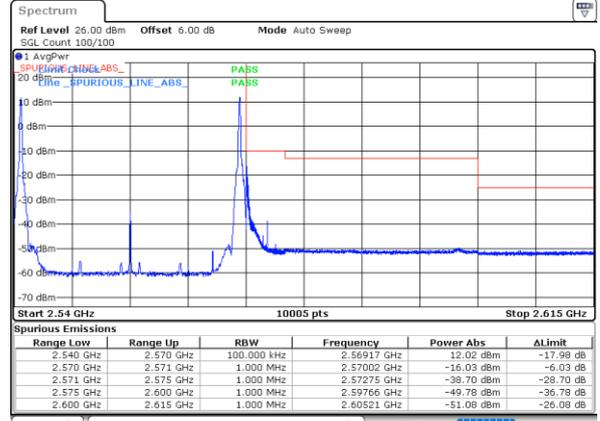
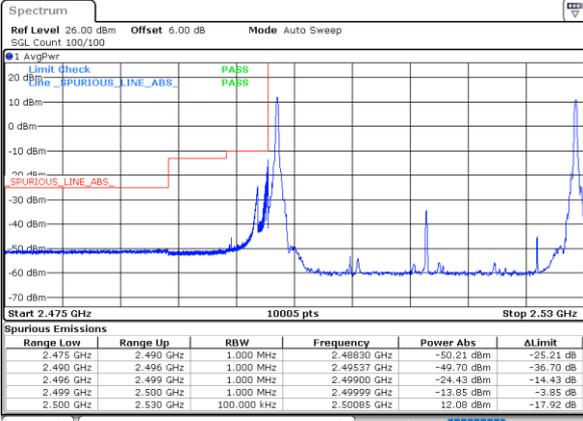


LTE Band 7C / 15MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

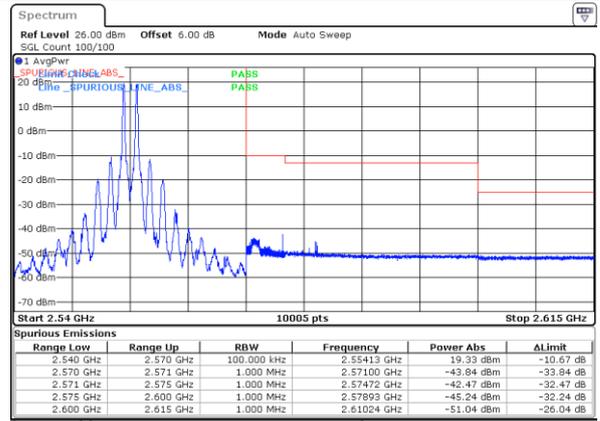
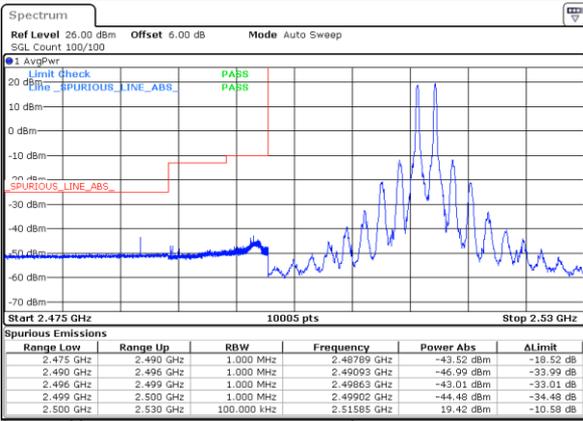


Date: 6.OCT.2024 02:12:06

Date: 6.OCT.2024 02:12:22

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

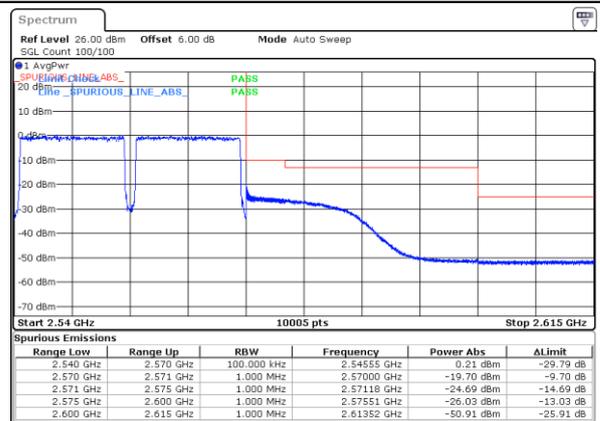
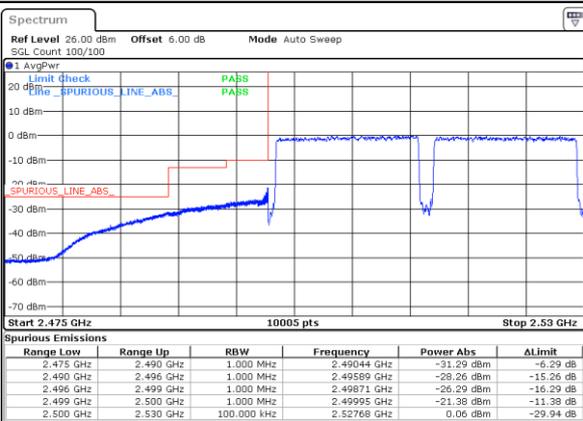


Date: 6.OCT.2024 02:10:21

Date: 6.OCT.2024 02:12:35

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6.OCT.2024 02:16:17

Date: 6.OCT.2024 02:18:49

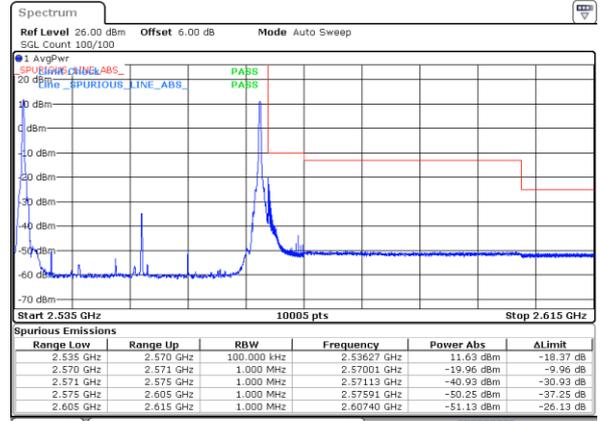
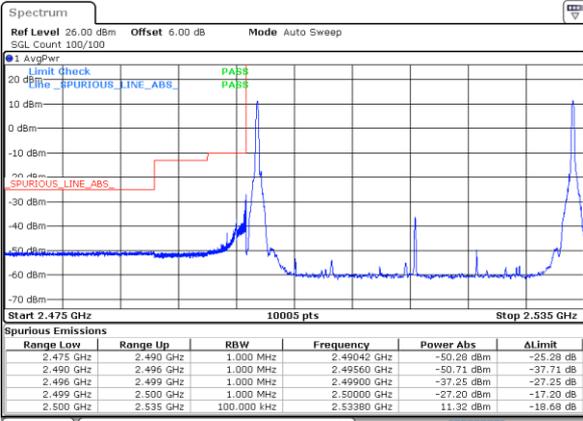


LTE Band 7C / 15MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

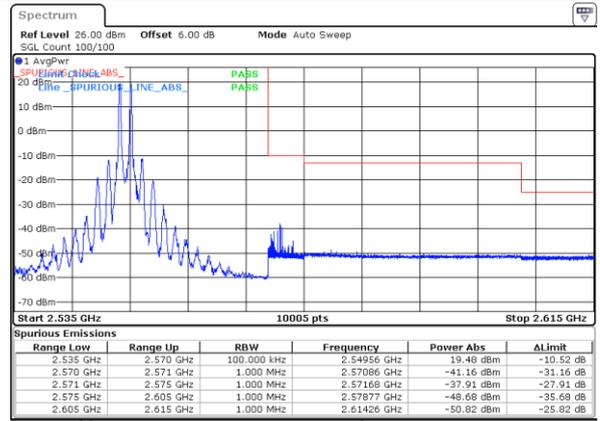
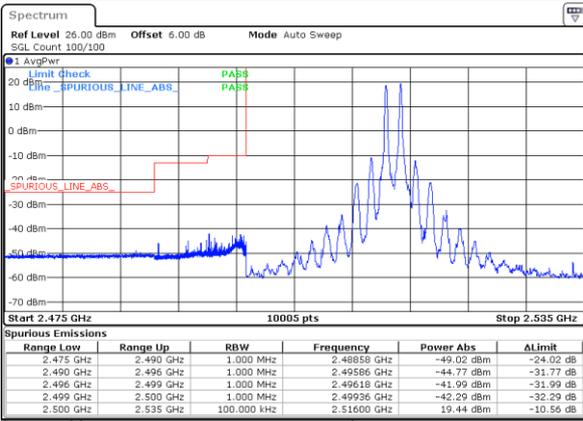


Date: 6.OCT.2024 03:10:49

Date: 6.OCT.2024 03:22:00

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

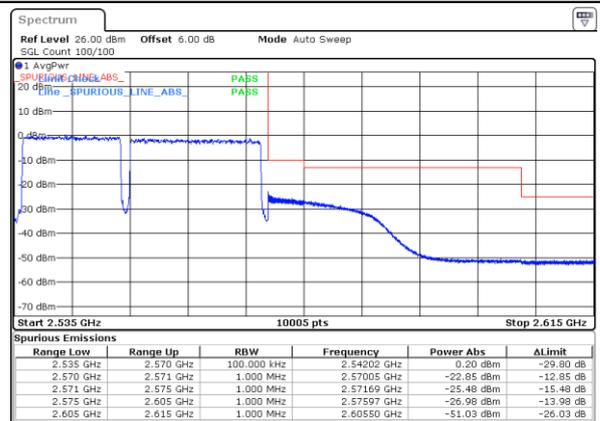
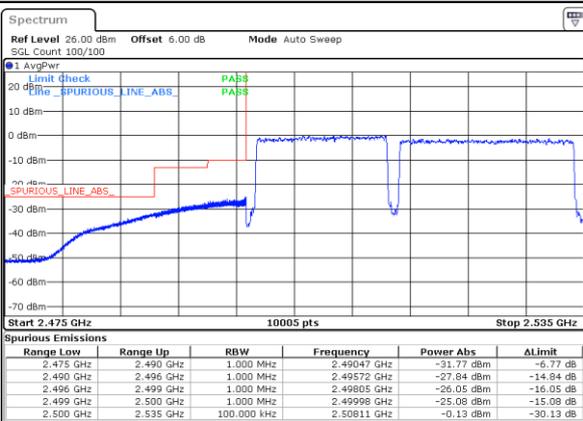


Date: 6.OCT.2024 03:13:13

Date: 6.OCT.2024 03:32:20

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6.OCT.2024 03:19:36

Date: 6.OCT.2024 03:36:42

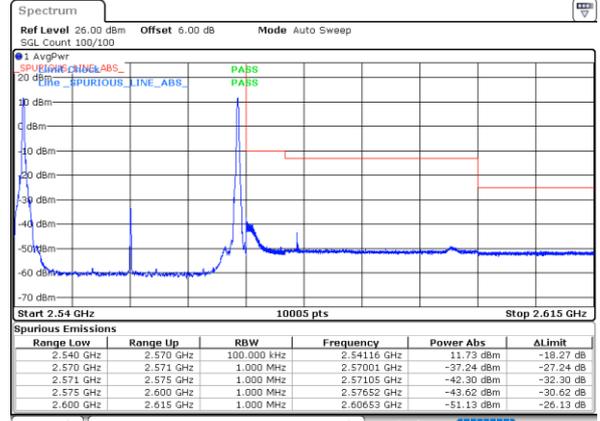
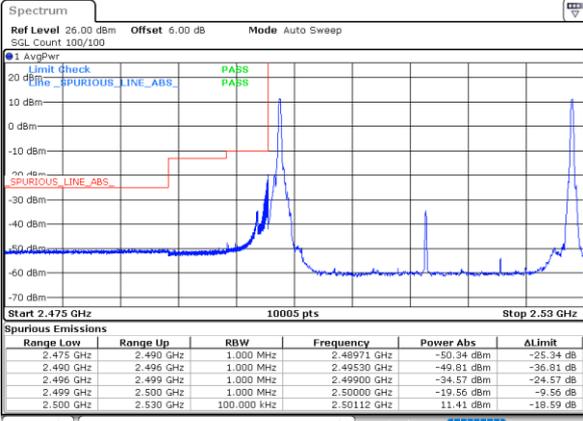


LTE Band 7C / 20MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

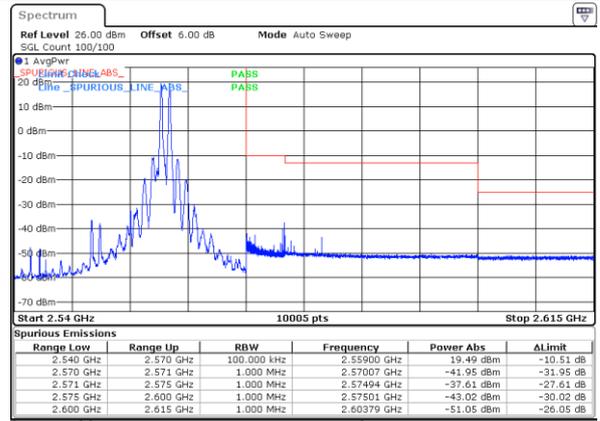
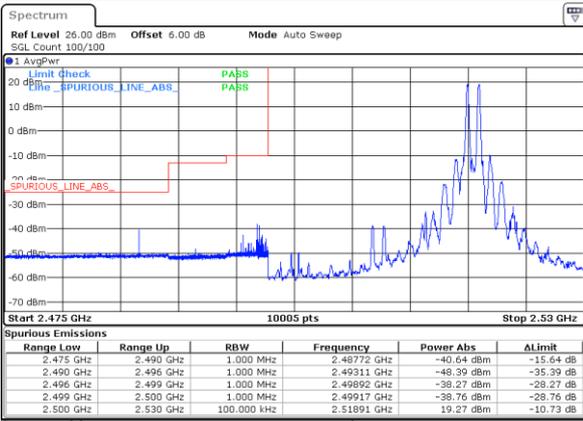


Date: 6.OCT.2024 03:42:52

Date: 6.OCT.2024 03:59:24

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

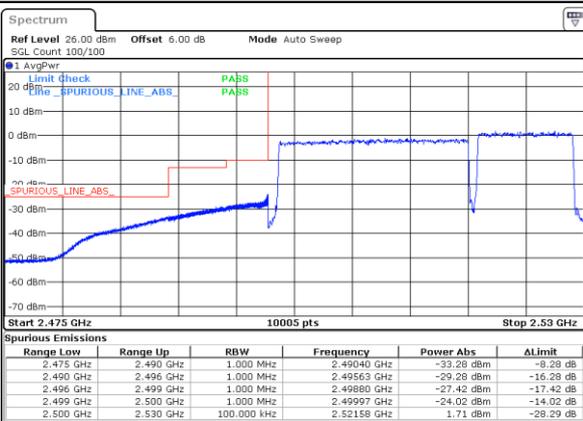


Date: 6.OCT.2024 03:47:15

Date: 6.OCT.2024 04:03:44

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6.OCT.2024 03:51:38

Date: 6.OCT.2024 04:08:06