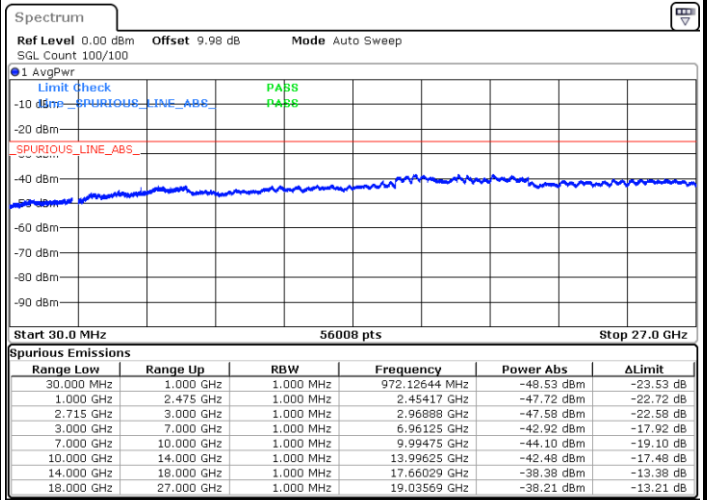
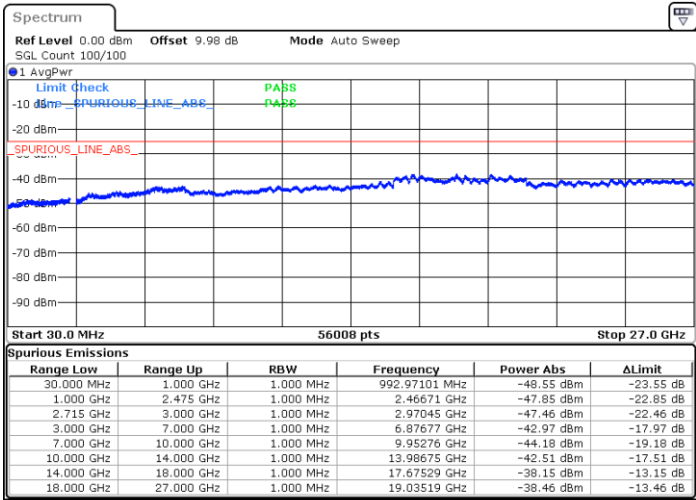




LTE Band 41 / 15MHz

Lowest Channel / QPSK

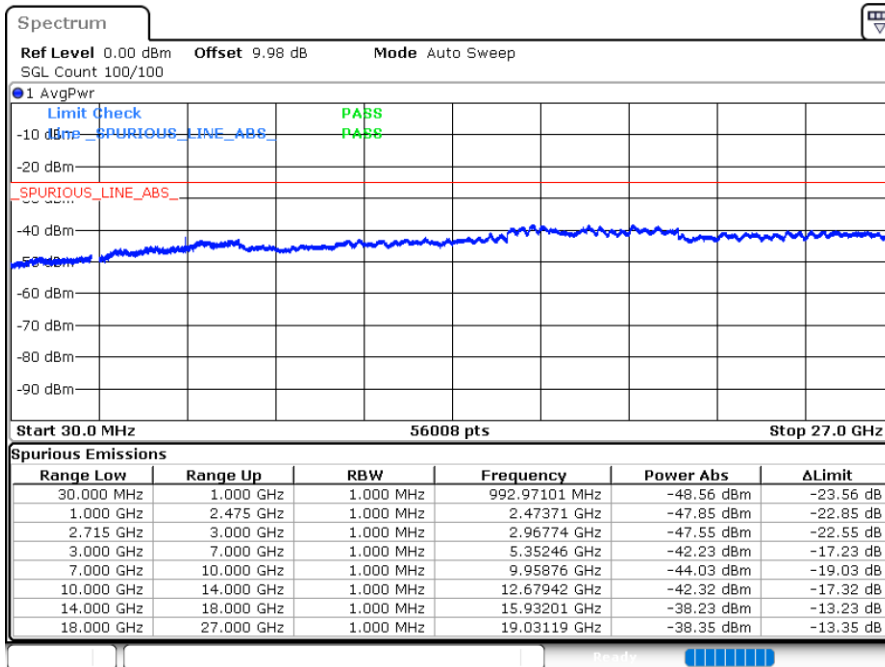
Middle Channel / QPSK



Date: 23.JAN.2025 17:20:48

Date: 23.JAN.2025 17:34:12

Highest Channel / QPSK



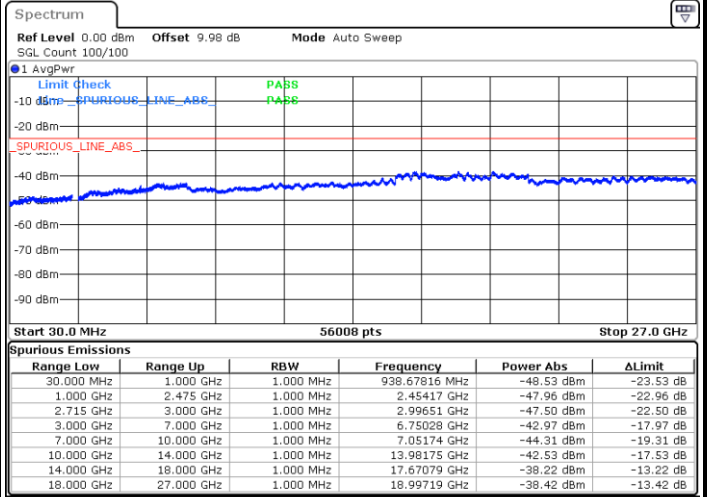
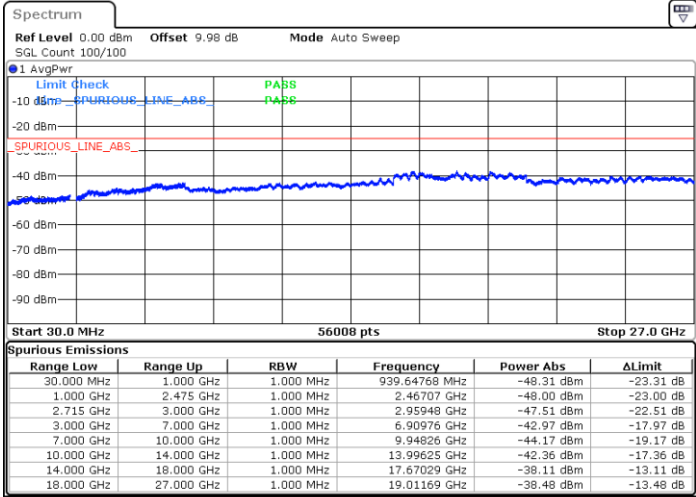
Date: 23.JAN.2025 17:35:39



LTE Band 41 / 20MHz

Lowest Channel / QPSK

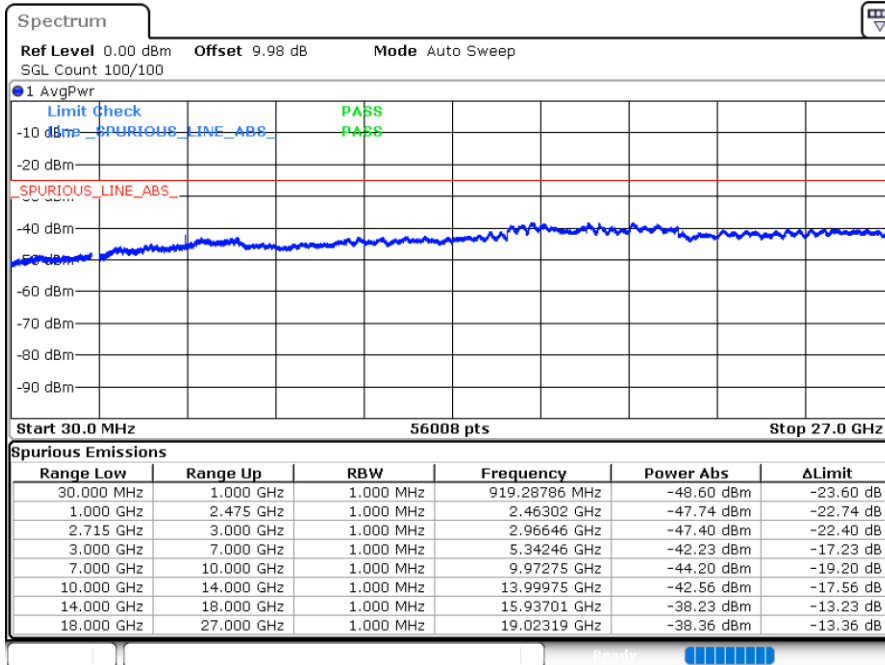
Middle Channel / QPSK



Date: 23.JAN.2025 17:47:33

Date: 23.JAN.2025 17:59:10

Highest Channel / QPSK



Date: 23.JAN.2025 18:00:35



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	0.0033	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0034	
0	Normal Voltage	0.0042	
-10	Normal Voltage	0.0027	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0035	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage =3.88 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.53V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 41C

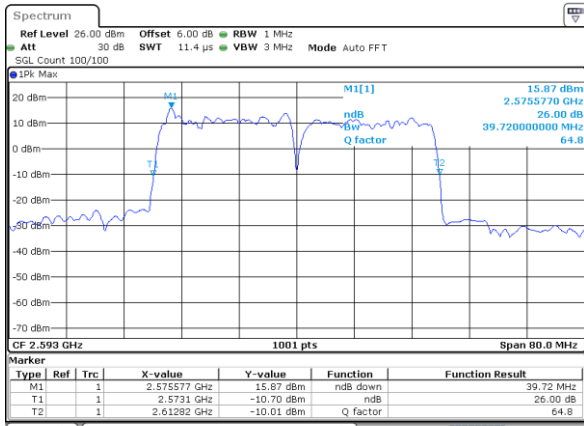
## 26dB Bandwidth

Mode	LTE Band 41C: 26dB BW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	39.72	39.8
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	35.04	34.90
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.03	30.03
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	25.08	24.93
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	34.97	34.96
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.69	30.45
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.23	25.28
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	29.91	29.97
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	25.18	25.03
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	24.83	24.83



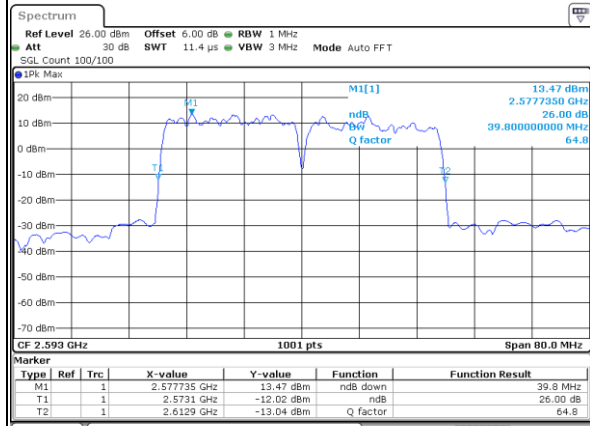
LTE Band 41C

Middle Channel / 20MHz+20MHz / QPSK



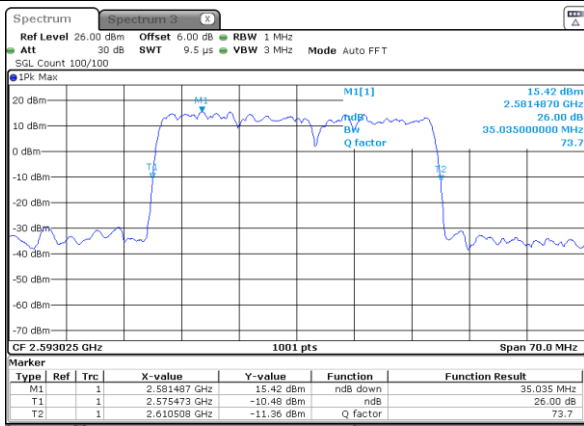
Date: 24.JAN.2025 02:14:14

Middle Channel / 20MHz+20MHz / 16QAM



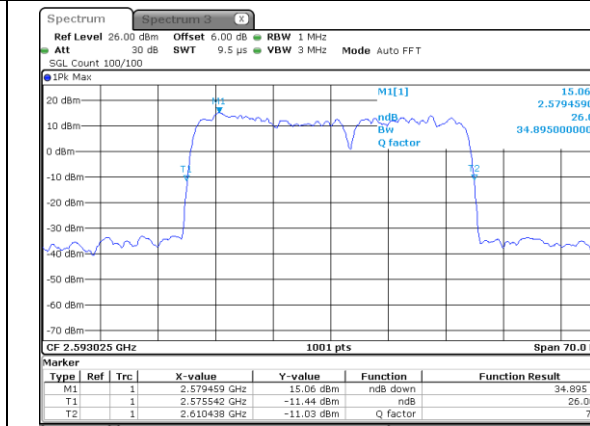
Date: 24.JAN.2025 02:14:42

Middle Channel / 20MHz+15MHz / QPSK



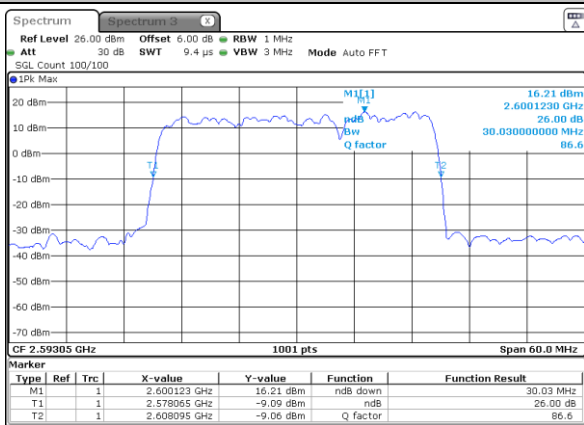
Date: 5.FEB.2025 10:30:11

Middle Channel / 20MHz+15MHz / 16QAM



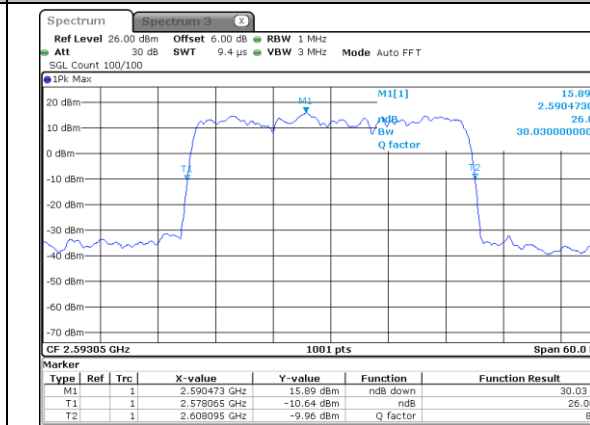
Date: 5.FEB.2025 10:30:39

Middle Channel / 20MHz+10MHz / QPSK



Date: 5.FEB.2025 10:24:29

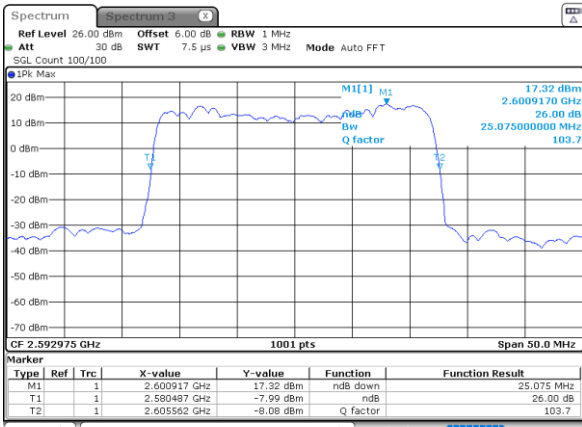
Middle Channel / 20MHz+10MHz / 16QAM



Date: 5.FEB.2025 10:24:01

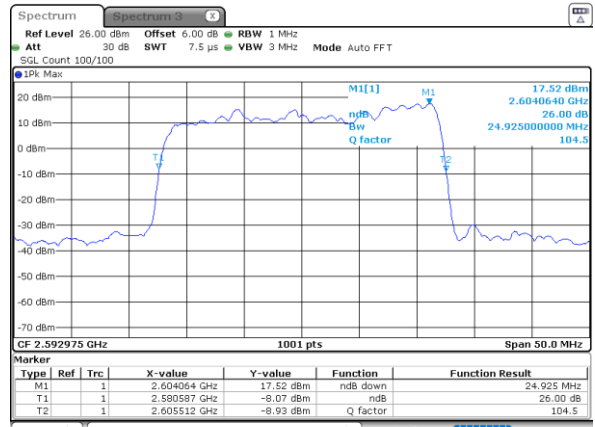


Middle Channel / 20MHz+5MHz / QPSK



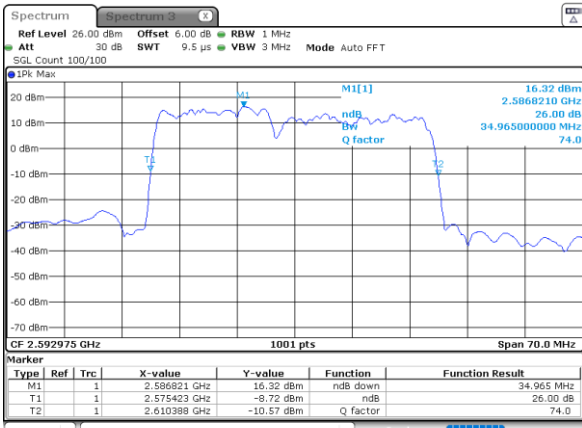
Date: 5.FEB.2025 10:12:38

Middle Channel / 20MHz+5MHz / 16QAM



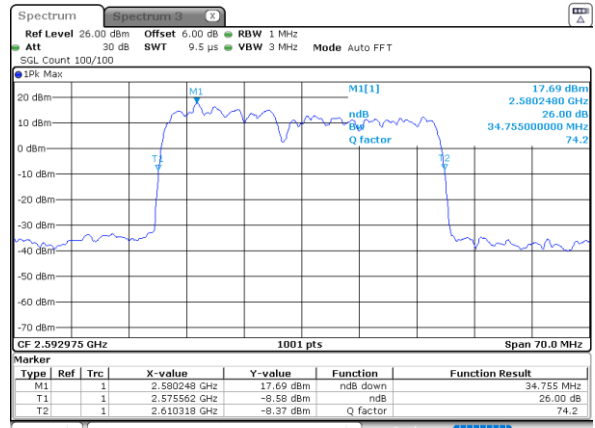
Date: 5.FEB.2025 10:12:10

Middle Channel / 15MHz+20MHz / QPSK



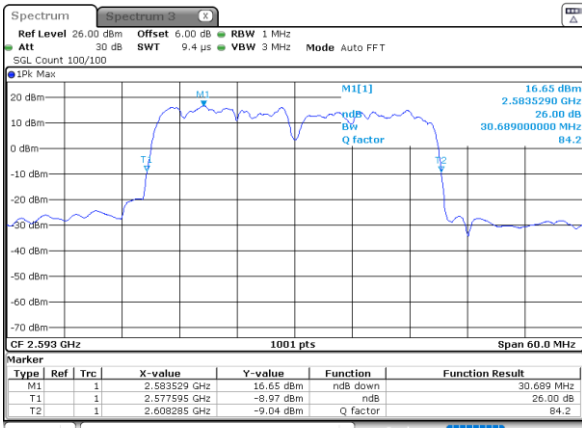
Date: 5.FEB.2025 10:28:41

Middle Channel / 15MHz+20MHz / 16QAM



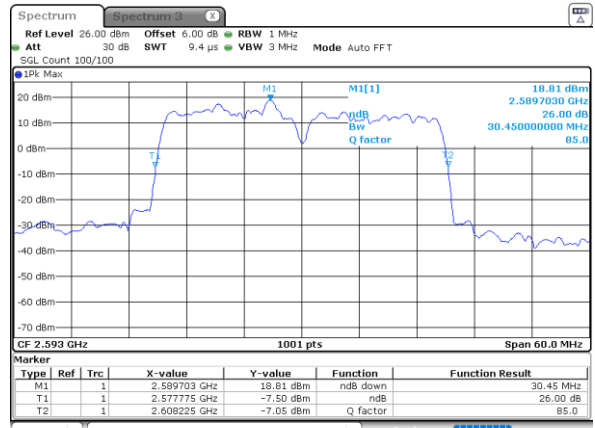
Date: 5.FEB.2025 10:28:13

Middle Channel / 15MHz+15MHz / QPSK



Date: 5.FEB.2025 10:26:16

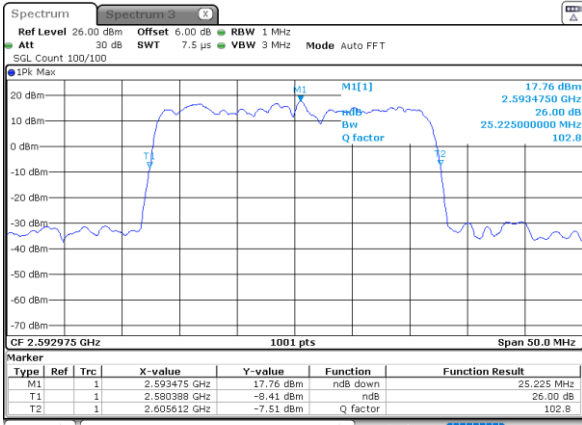
Middle Channel / 15MHz+15MHz / 16QAM



Date: 5.FEB.2025 10:26:44

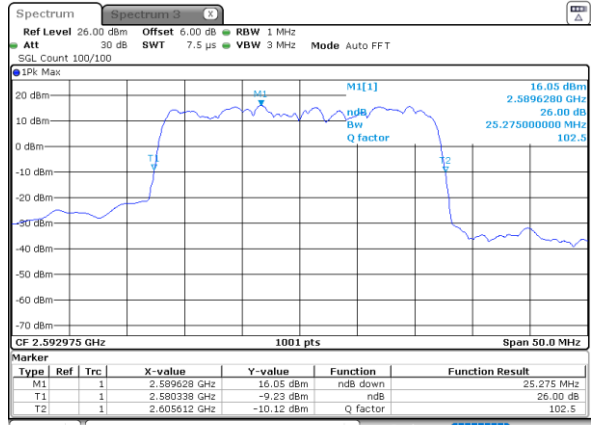


Middle Channel / 15MHz+10MHz / QPSK



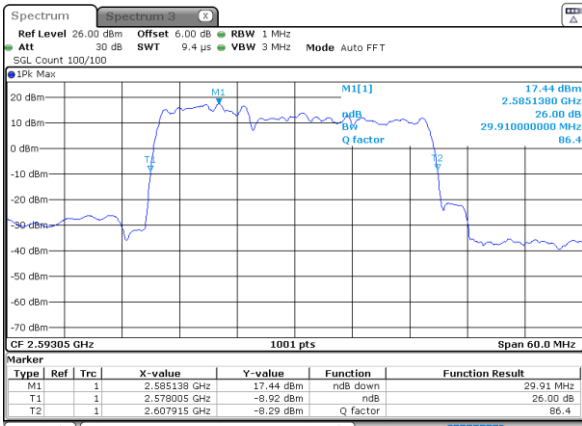
Date: 5.FEB.2025 10:17:32

Middle Channel / 15MHz+10MHz / 16QAM



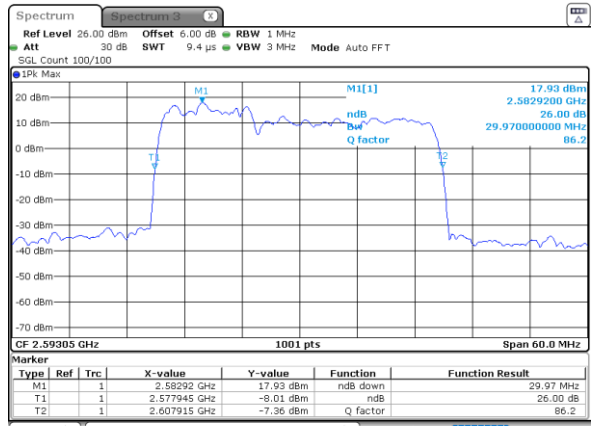
Date: 5.FEB.2025 10:17:04

Middle Channel / 10MHz+20MHz / QPSK



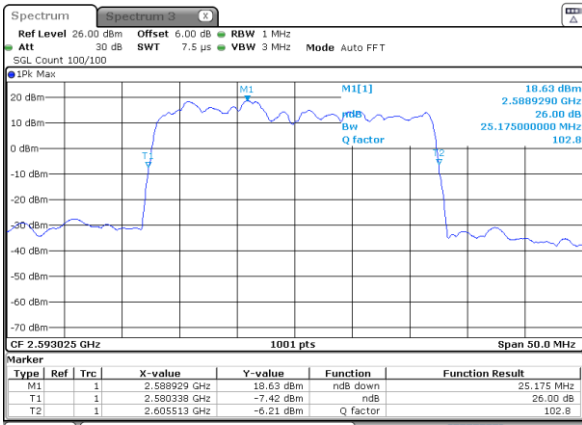
Date: 5.FEB.2025 10:22:08

Middle Channel / 10MHz+20MHz / 16QAM



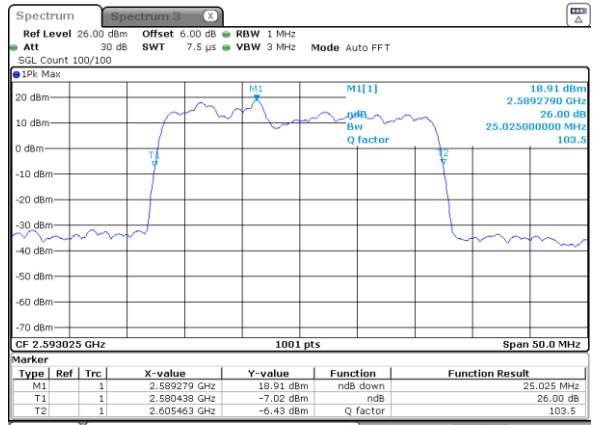
Date: 5.FEB.2025 10:22:36

Middle Channel / 10MHz+15MHz / QPSK

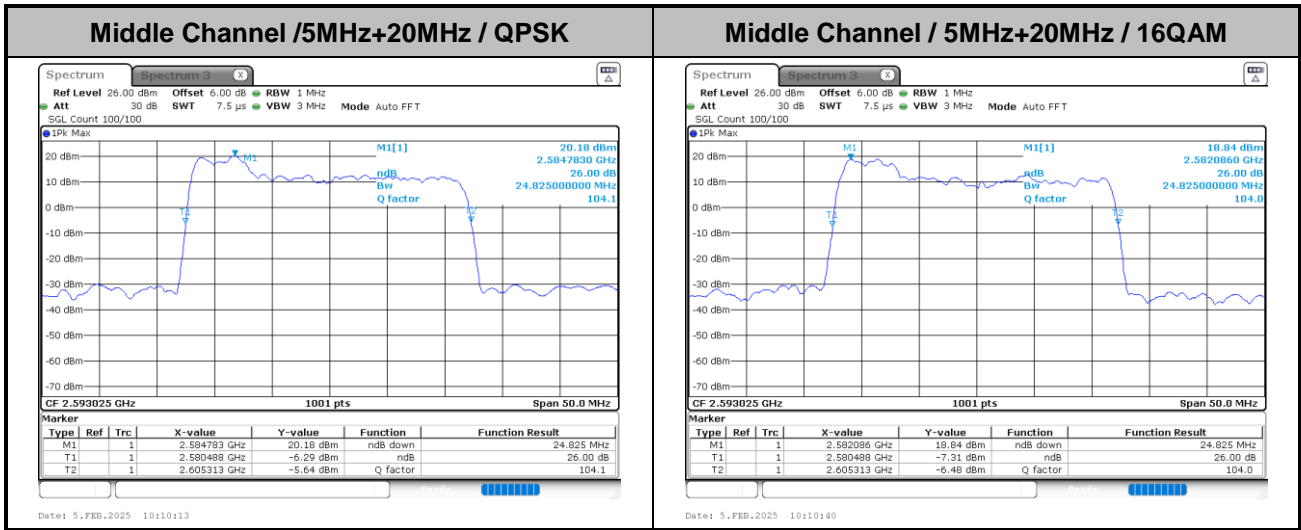


Date: 5.FEB.2025 10:15:07

Middle Channel / 10MHz+15MHz / 16QAM



Date: 5.FEB.2025 10:15:34





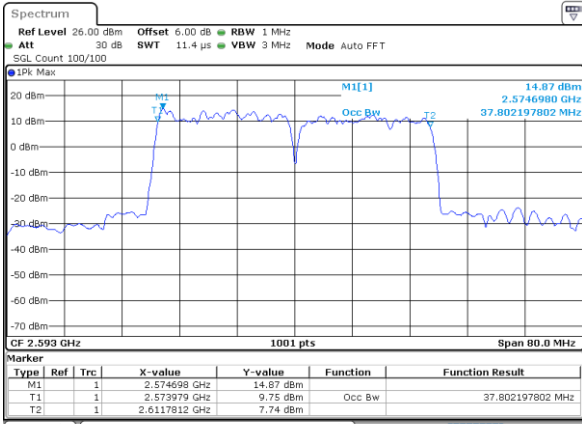
### Occupied Bandwidth

Mode	LTE Band 41C: 99%OBW(MHz)	
<b>BW</b>	<b>20MHz+20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	37.80	37.56
<b>BW</b>	<b>20MHz+15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	32.73	32.73
<b>BW</b>	<b>20MHz+10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	27.99	28.05
<b>BW</b>	<b>20MHz+5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	23.48	23.08
<b>BW</b>	<b>15MHz+20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	32.73	32.94
<b>BW</b>	<b>15MHz+15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	28.47	28.71
<b>BW</b>	<b>15MHz+10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	23.38	23.33
<b>BW</b>	<b>10MHz+20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	27.69	27.99
<b>BW</b>	<b>10MHz+15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	23.18	23.28
<b>BW</b>	<b>5MHz+20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
Middle CH	23.48	23.08



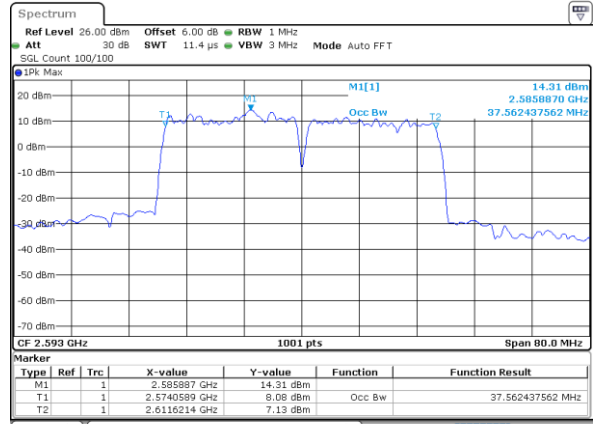
LTE Band 41C

Middle Channel / 20MHz+20MHz / QPSK



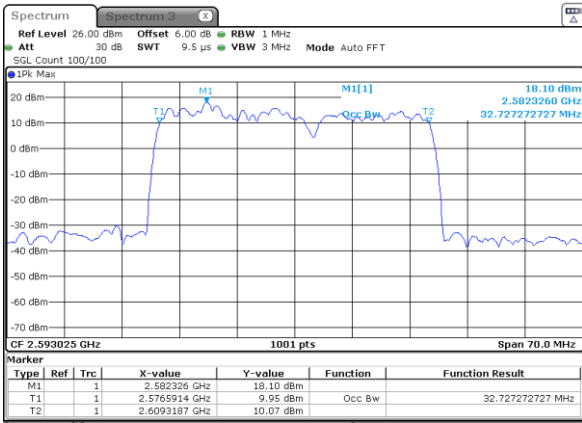
Date: 24.JAN.2025 02:13:47

Middle Channel / 20MHz+20MHz / 16QAM



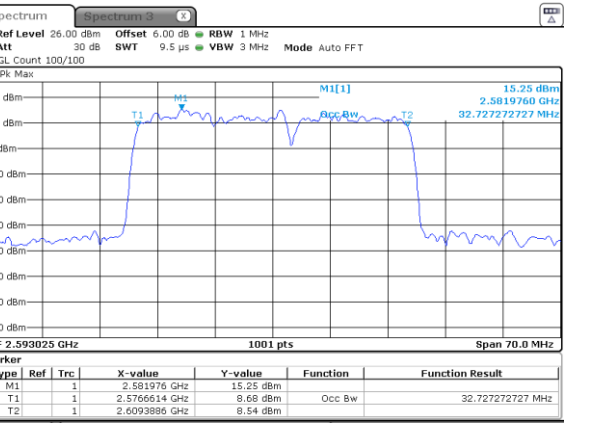
Date: 24.JAN.2025 02:15:10

Middle Channel / 20MHz+15MHz / QPSK



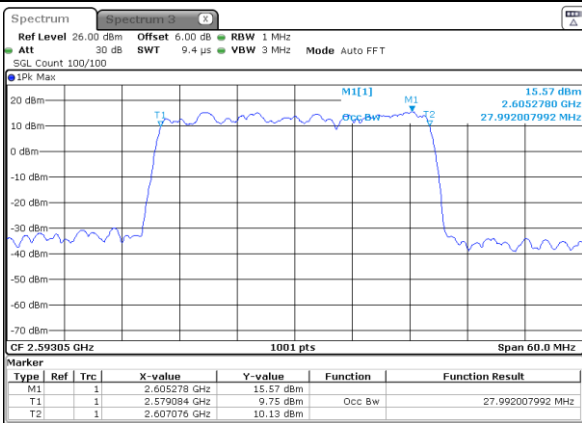
Date: 5.FEB.2025 10:29:43

Middle Channel / 20MHz+15MHz / 16QAM



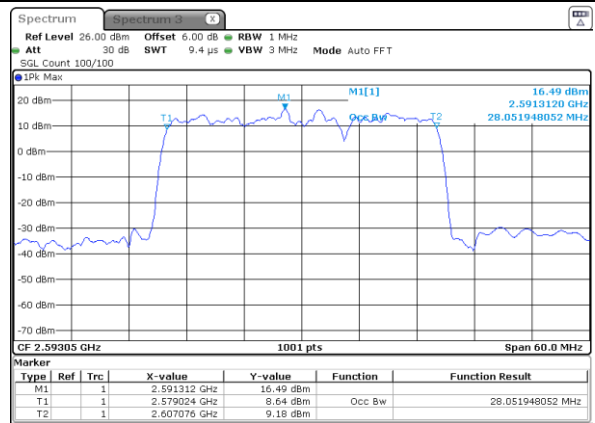
Date: 5.FEB.2025 10:31:06

Middle Channel / 20MHz+10MHz / QPSK



Date: 5.FEB.2025 10:24:56

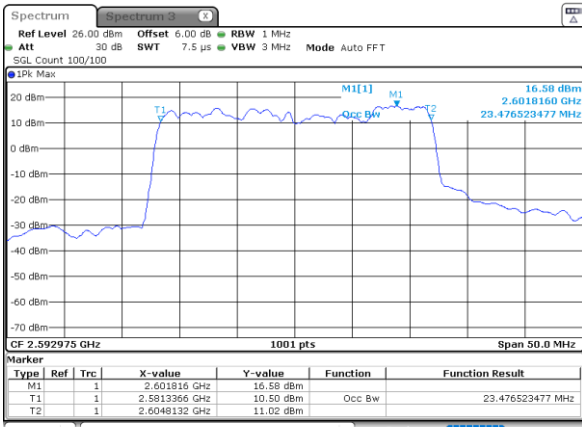
Middle Channel / 20MHz+10MHz / 16QAM



Date: 5.FEB.2025 10:23:34

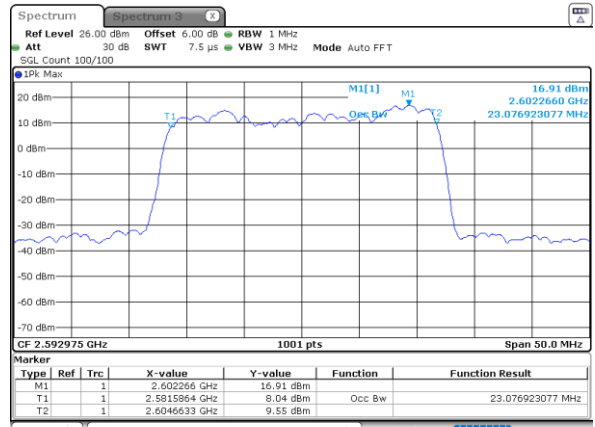


Middle Channel / 20MHz+5MHz / QPSK



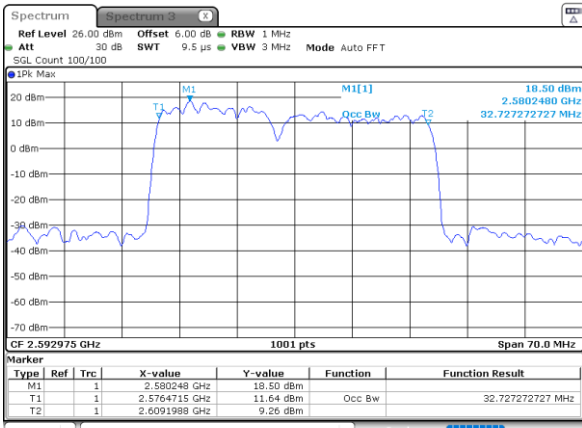
Date: 5.FEB.2025 10:13:05

Middle Channel / 20MHz+5MHz / 16QAM



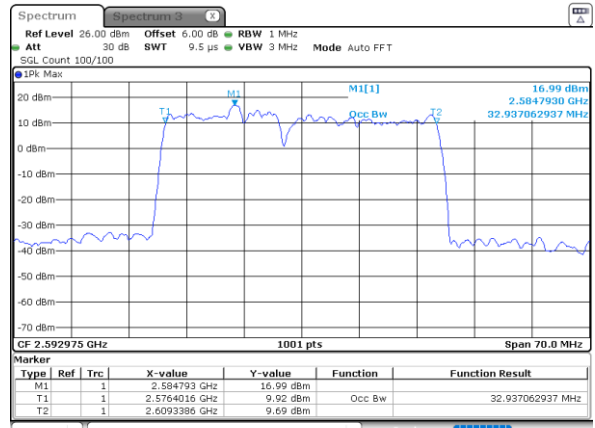
Date: 5.FEB.2025 10:11:43

Middle Channel / 15MHz+20MHz / QPSK



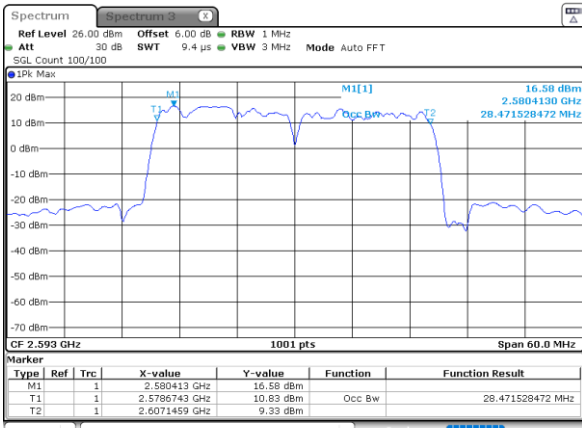
Date: 5.FEB.2025 10:29:08

Middle Channel / 15MHz+20MHz / 16QAM



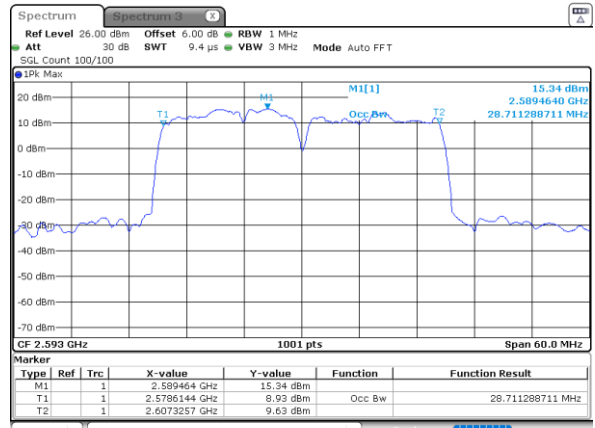
Date: 5.FEB.2025 10:27:46

Middle Channel / 15MHz+15MHz / QPSK



Date: 5.FEB.2025 10:25:49

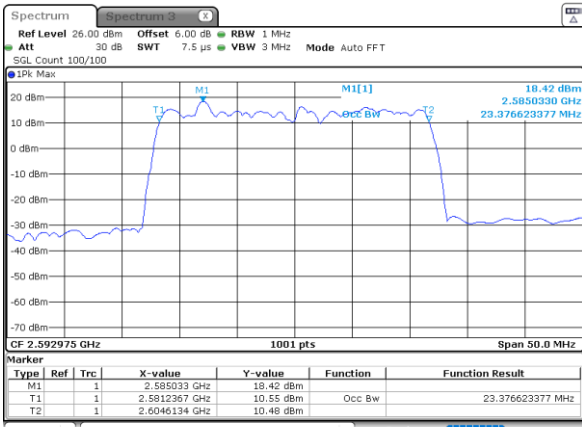
Middle Channel / 15MHz+15MHz / 16QAM



Date: 5.FEB.2025 10:27:12

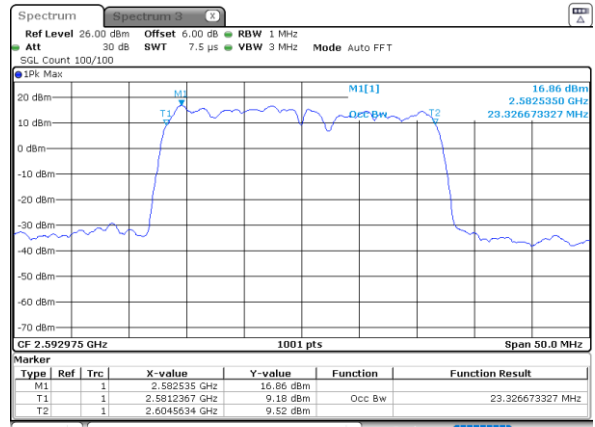


Middle Channel / 15MHz+10MHz / QPSK



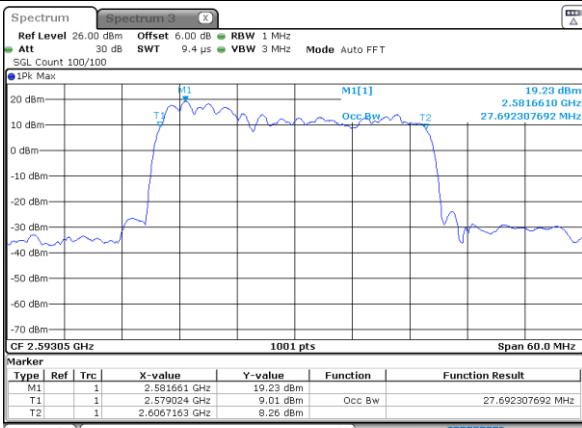
Date: 5.FEB.2025 10:17:59

Middle Channel / 15MHz+10MHz / 16QAM



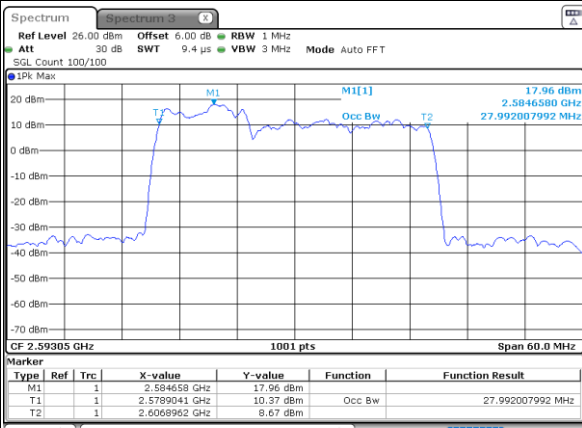
Date: 5.FEB.2025 10:16:37

Middle Channel / 10MHz+20MHz / QPSK



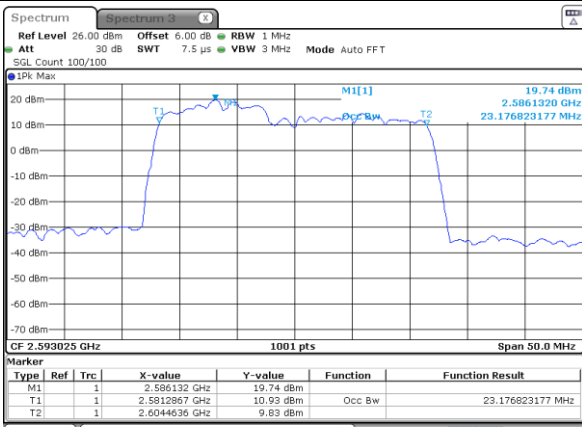
Date: 5.FEB.2025 10:21:41

Middle Channel / 10MHz+20MHz / 16QAM



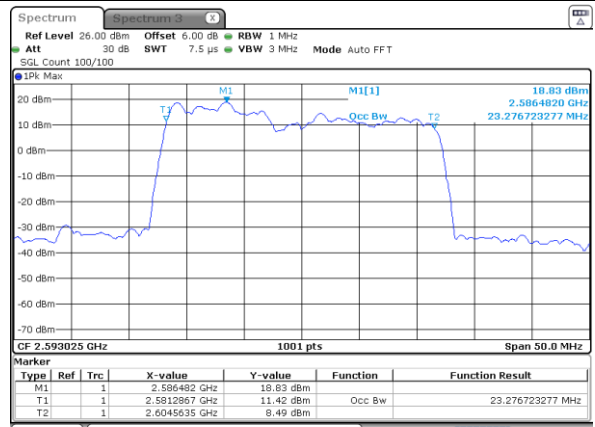
Date: 5.FEB.2025 10:23:04

Middle Channel / 10MHz+15MHz / QPSK

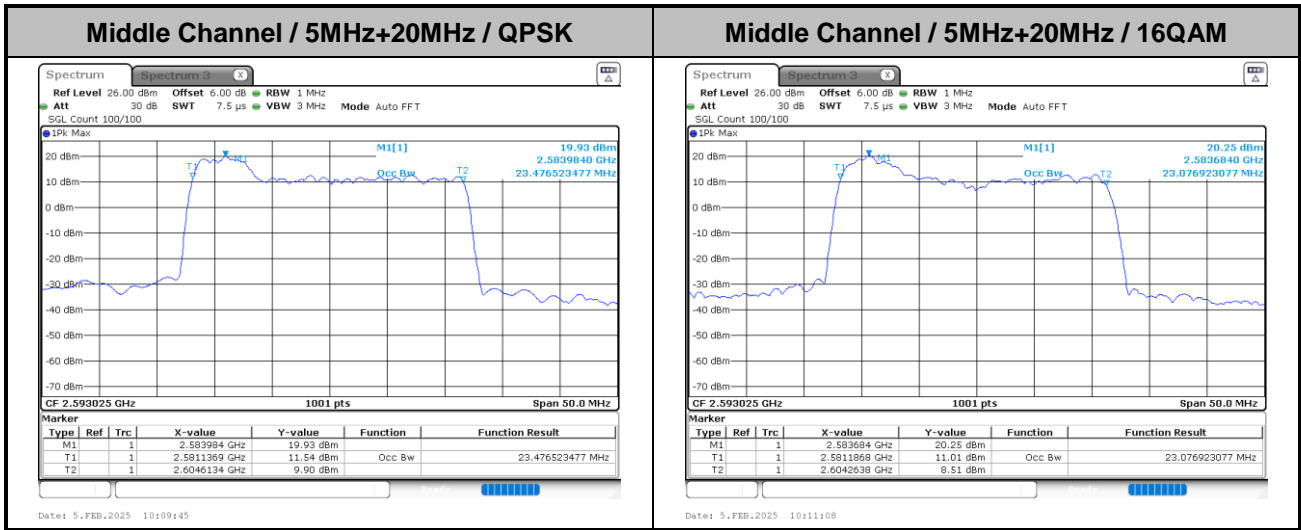


Date: 5.FEB.2025 10:14:39

Middle Channel / 10MHz+15MHz / 16QAM



Date: 5.FEB.2025 10:16:02

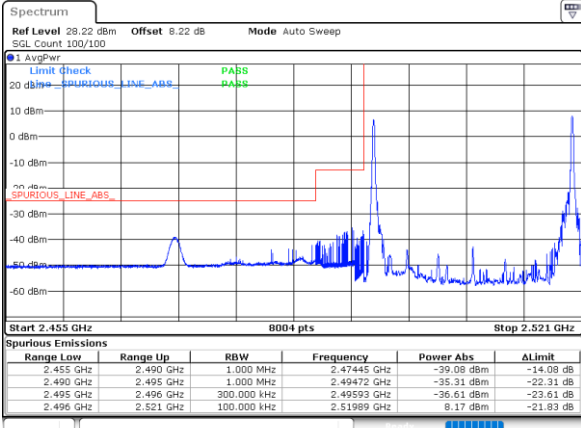




# Conducted Band Edge

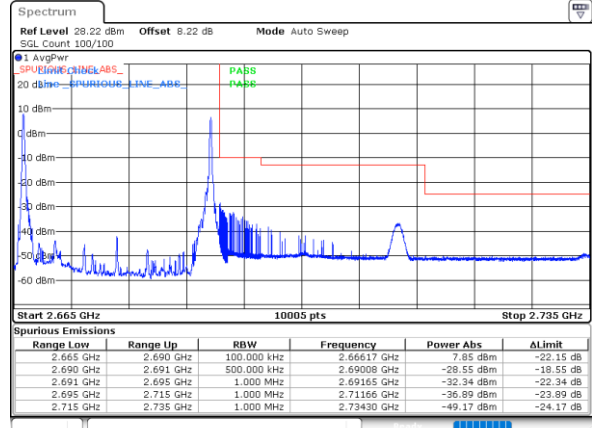
## LTE Band 41C / 5MHz+20MHz QPSK

### Lowest Band Edge / 1RB0 and 1RB9



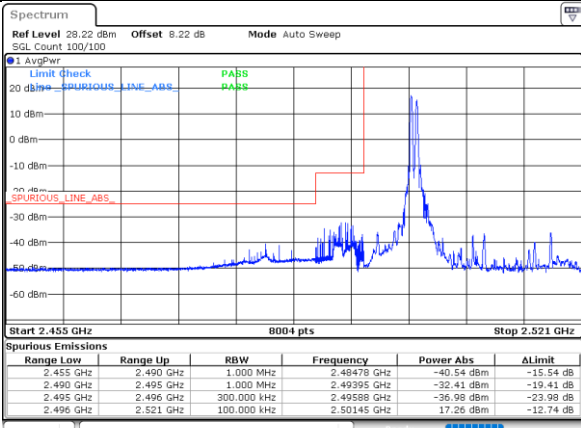
Date: 23\_JAN\_2025 19:50:53

### Highest Band Edge / 1RB0 and 1RB9



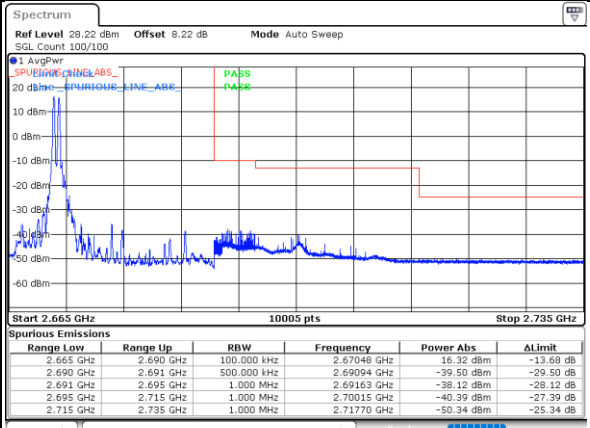
Date: 23\_JAN\_2025 20:09:41

### Lowest Band Edge / 1RB24 and 1RB0



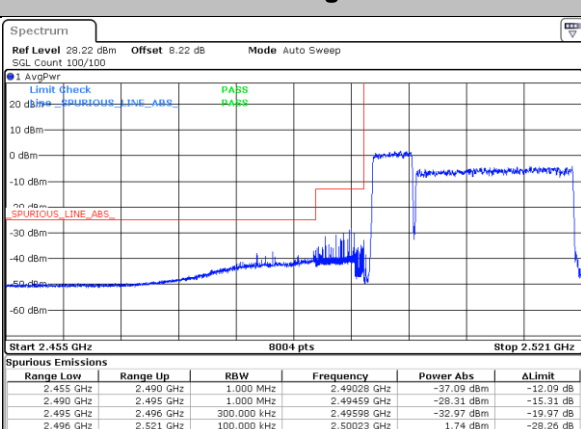
Date: 23\_JAN\_2025 19:45:52

### Highest Band Edge / 1RB24 and 1RB0



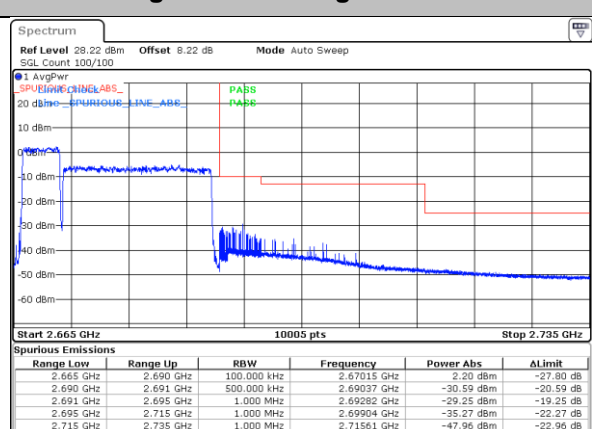
Date: 23\_JAN\_2025 20:04:36

### Lowest Band Edge / Full RB



Date: 23\_JAN\_2025 19:55:54

### Highest Band Edge / Full RB



Date: 23\_JAN\_2025 20:16:59

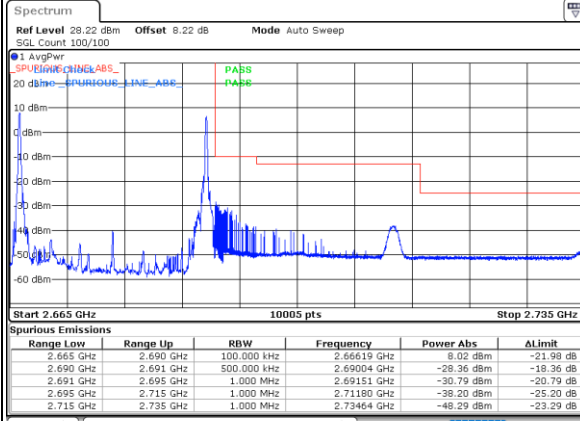
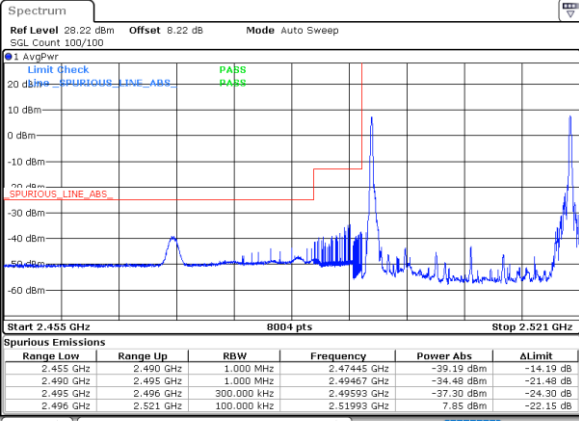


LTE Band 41C / 5MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

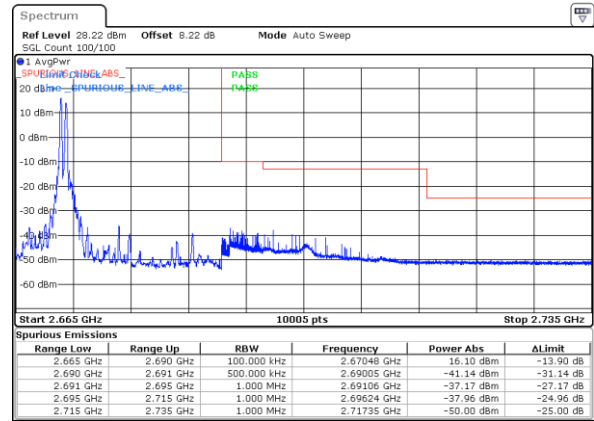
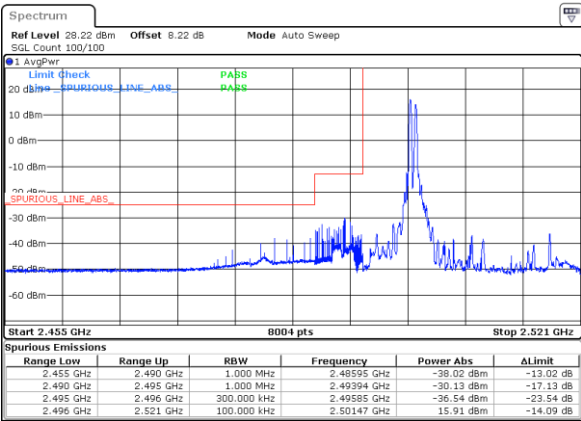


Date: 23.JAN.2025 19:52:08

Date: 23.JAN.2025 20:13:09

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

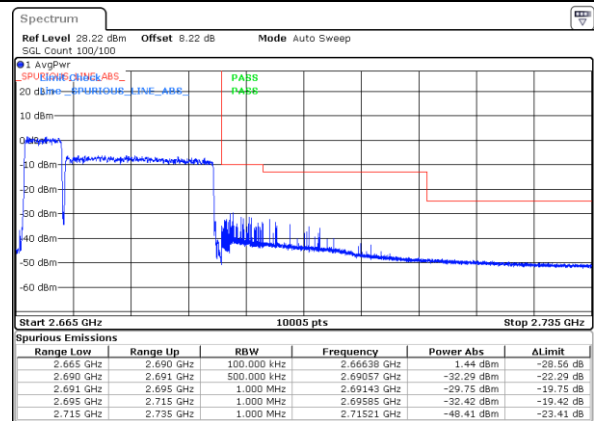
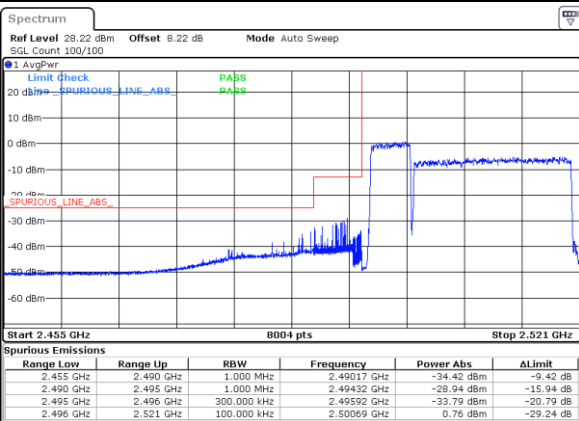


Date: 23.JAN.2025 19:47:07

Date: 23.JAN.2025 20:05:52

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23.JAN.2025 19:57:09

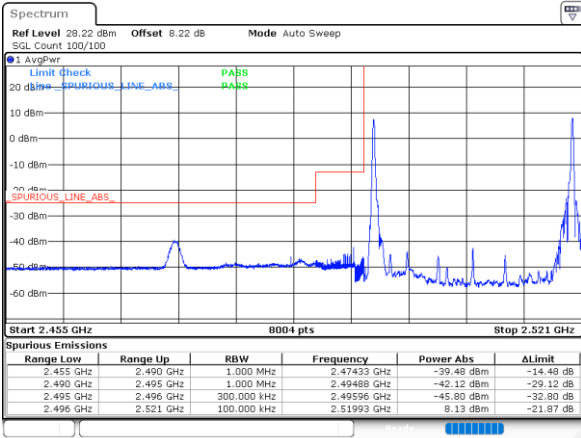
Date: 23.JAN.2025 20:18:15



LTE Band 41C / 5MHz+20MHz

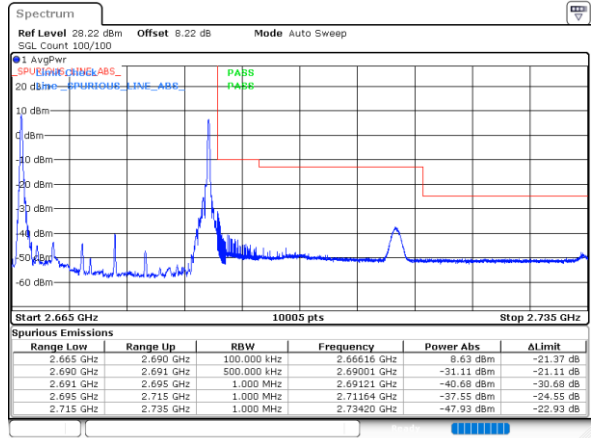
64QAM

Lowest Band Edge / 1RB0 and 1RB99



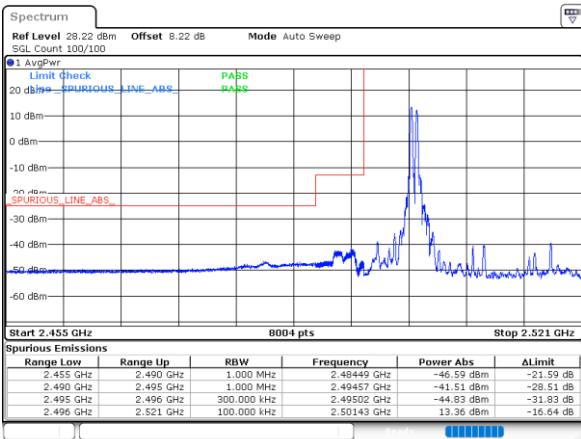
Date: 23\_JAN\_2025 19:53:23

Highest Band Edge / 1RB0 and 1RB99



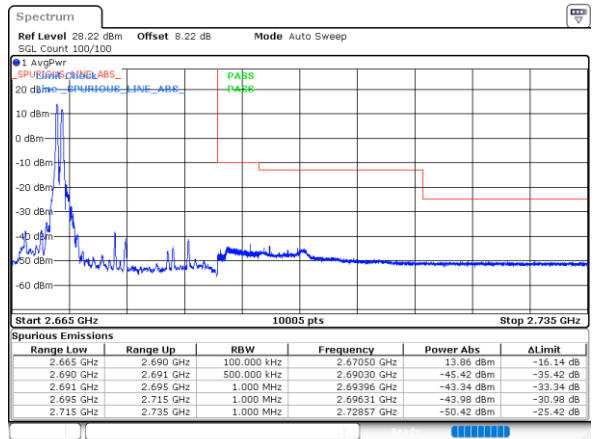
Date: 23\_JAN\_2025 20:14:26

Lowest Band Edge / 1RB24 and 1RB0



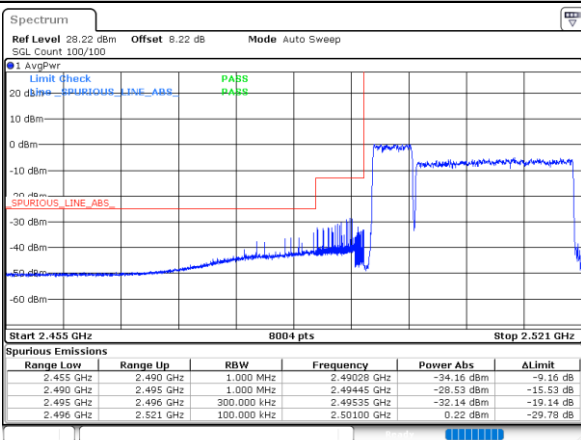
Date: 23\_JAN\_2025 19:48:22

Highest Band Edge / 1RB24 and 1RB0



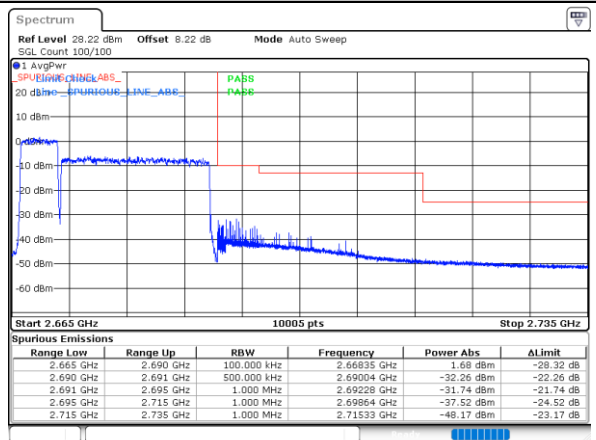
Date: 23\_JAN\_2025 20:07:09

Lowest Band Edge / Full RB



Date: 23\_JAN\_2025 19:58:24

Highest Band Edge / Full RB



Date: 23\_JAN\_2025 20:19:31

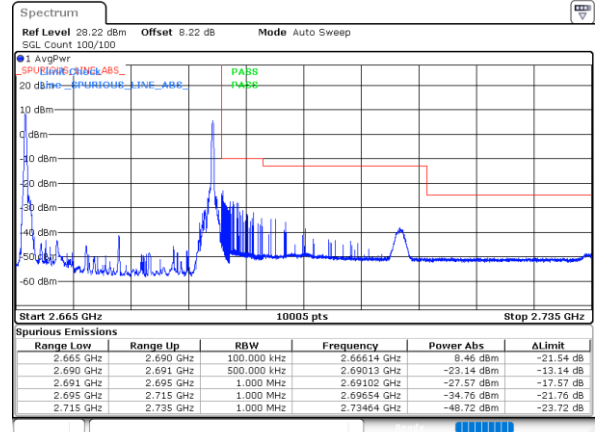
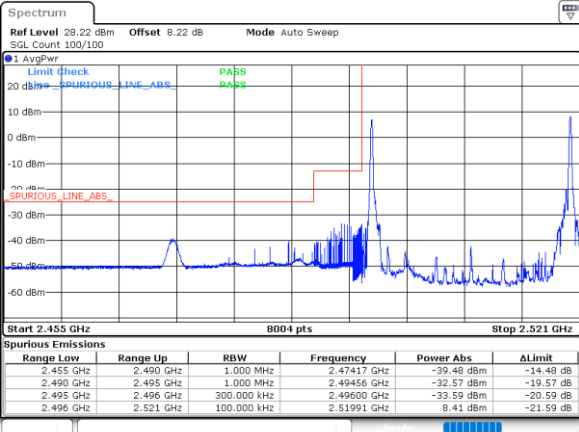


LTE Band 41C / 5MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

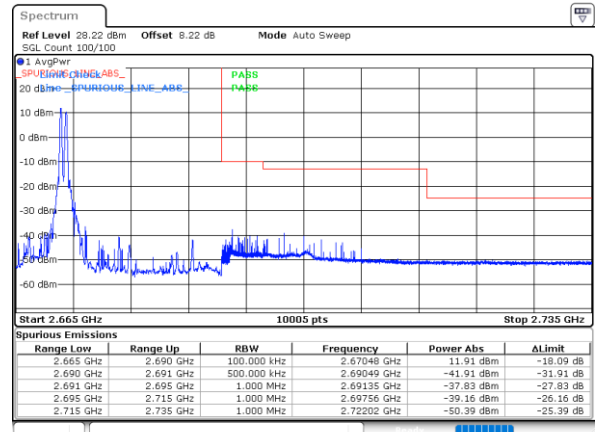
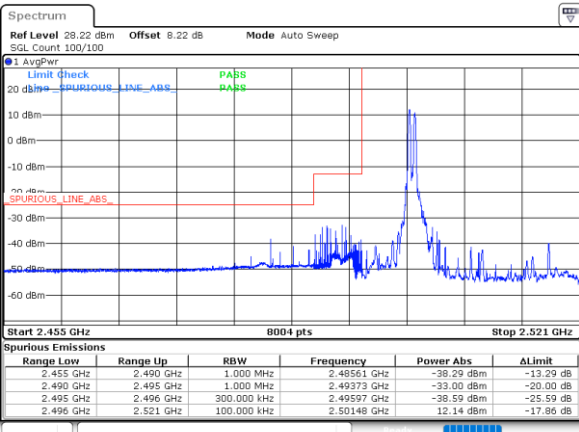


Date: 23\_JAN\_2025 19:54:39

Date: 23\_JAN\_2025 20:15:42

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

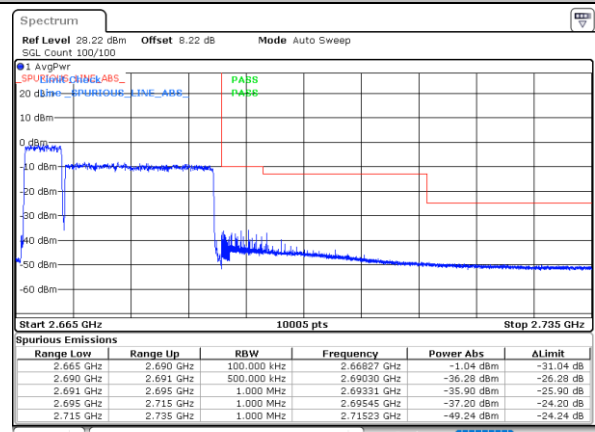
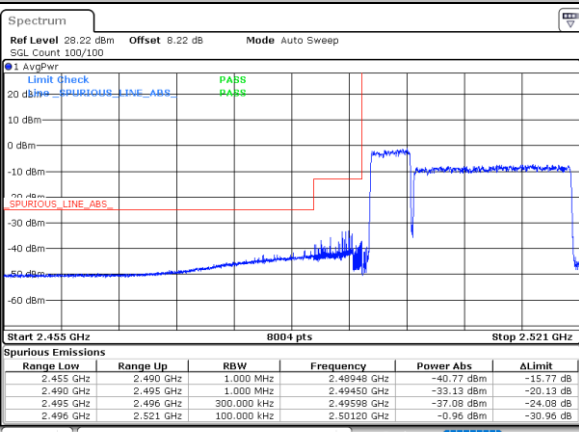


Date: 23\_JAN\_2025 19:49:38

Date: 23\_JAN\_2025 20:08:24

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23\_JAN\_2025 19:59:39

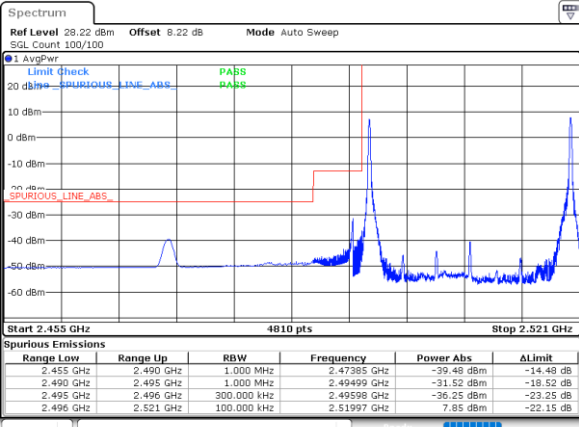
Date: 23\_JAN\_2025 20:20:47



LTE Band 41C / 10MHz+15MHz

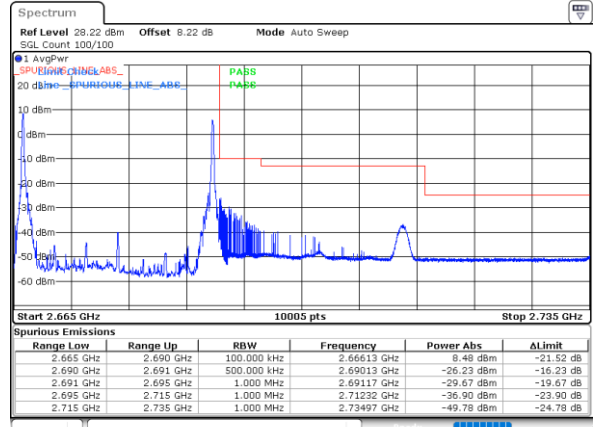
QPSK

Lowest Band Edge / 1RB0 and 1RB74



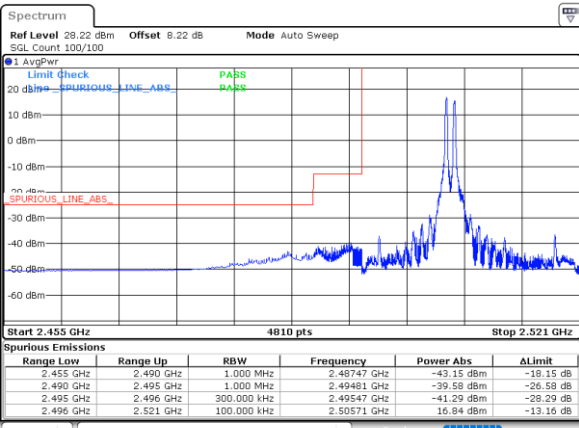
Date: 23\_JAN\_2025 20:29:03

Highest Band Edge / 1RB0 and 1RB74



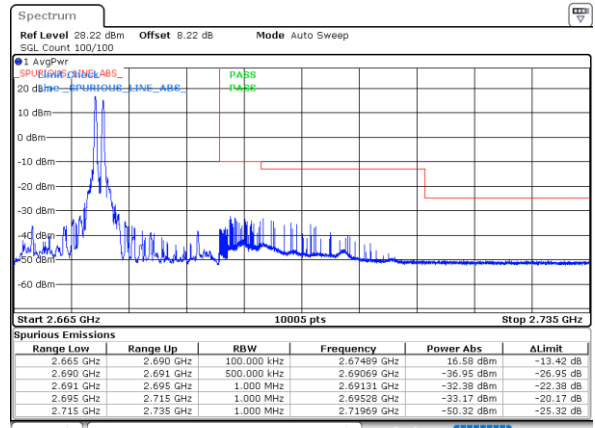
Date: 23\_JAN\_2025 20:48:04

Lowest Band Edge / 1RB49 and 1RB0



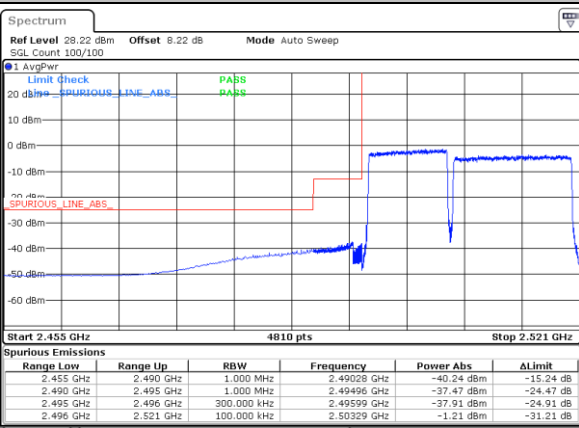
Date: 23\_JAN\_2025 20:24:01

Highest Band Edge / 1RB49 and 1RB0



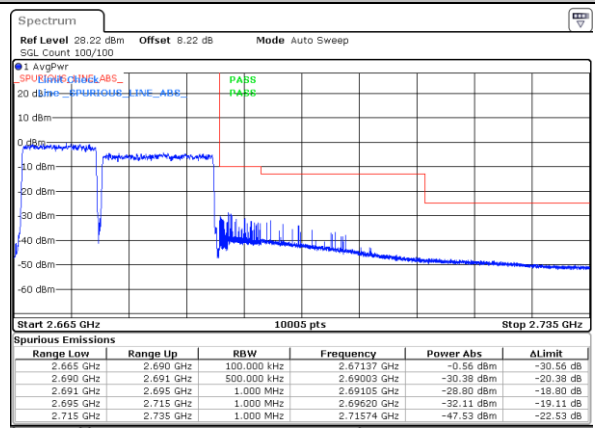
Date: 23\_JAN\_2025 20:42:59

Lowest Band Edge / Full RB



Date: 23\_JAN\_2025 20:34:06

Highest Band Edge / Full RB



Date: 23\_JAN\_2025 20:53:10

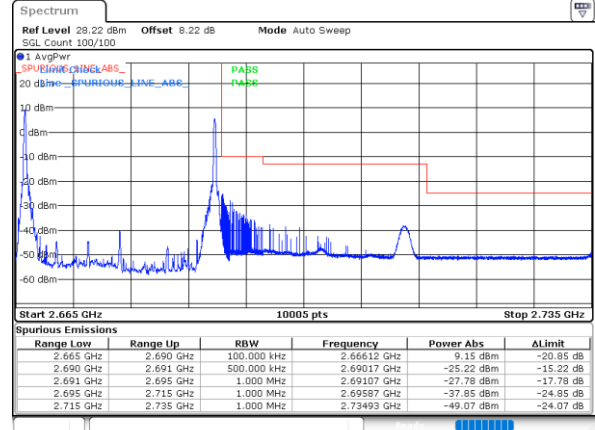
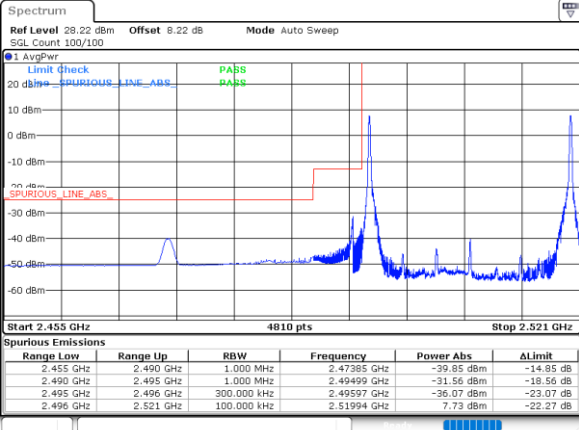


LTE Band 41C / 10MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

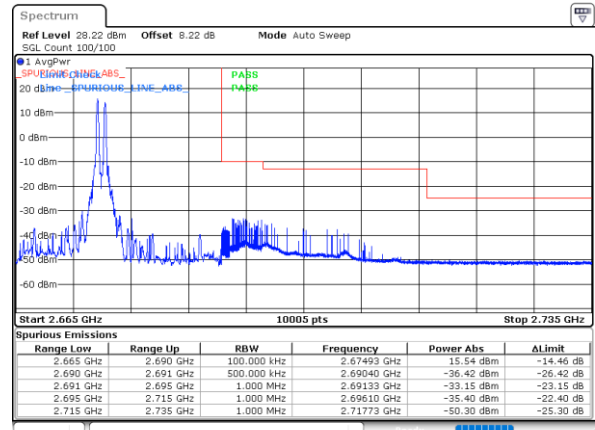
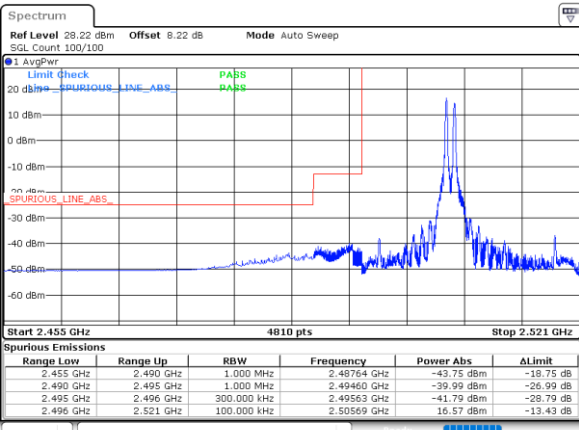


Date: 23\_JAN\_2025 20:30:19

Date: 23\_JAN\_2025 20:49:21

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

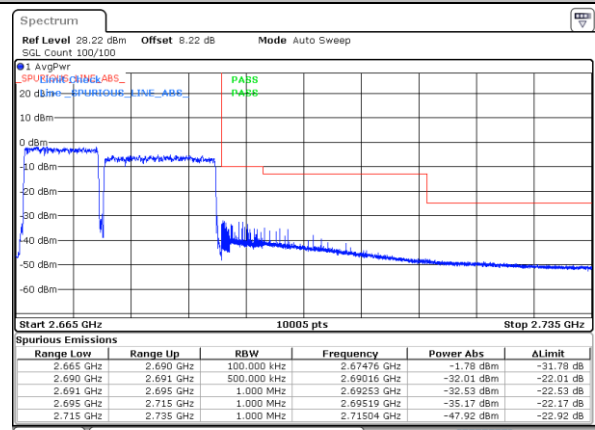
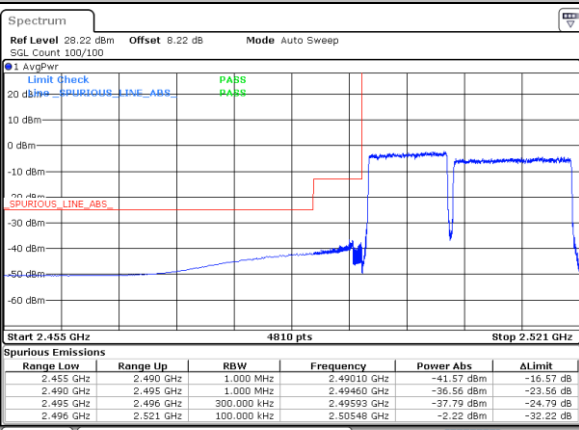


Date: 23\_JAN\_2025 20:25:16

Date: 23\_JAN\_2025 20:44:15

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23\_JAN\_2025 20:35:21

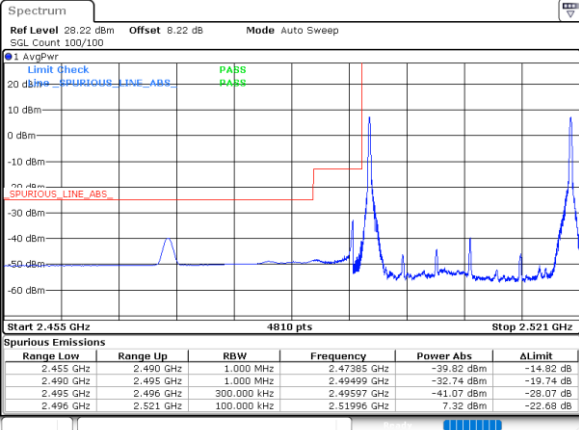
Date: 23\_JAN\_2025 20:54:27



LTE Band 41C / 10MHz+15MHz

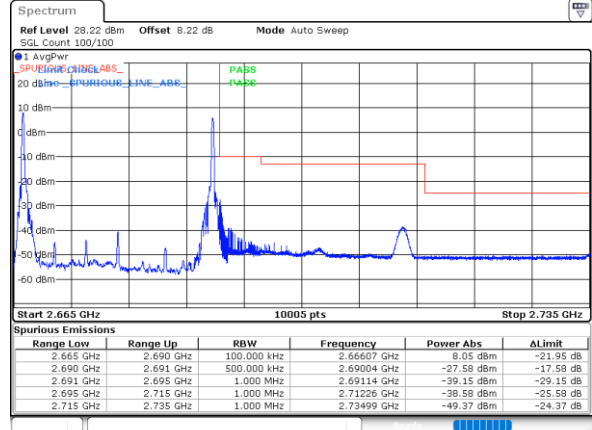
64QAM

Lowest Band Edge / 1RB0 and 1RB74



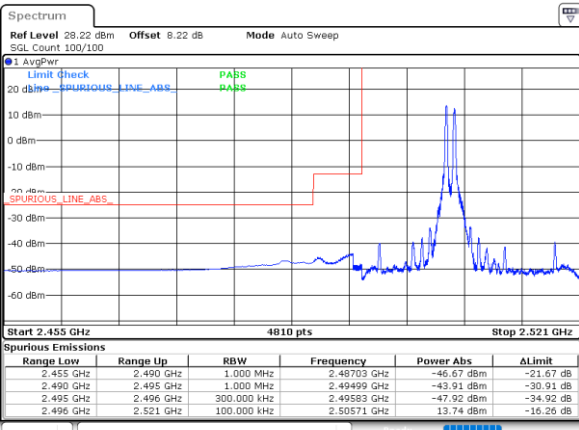
Date: 23\_JAN\_2025 20:31:34

Highest Band Edge / 1RB0 and 1RB74



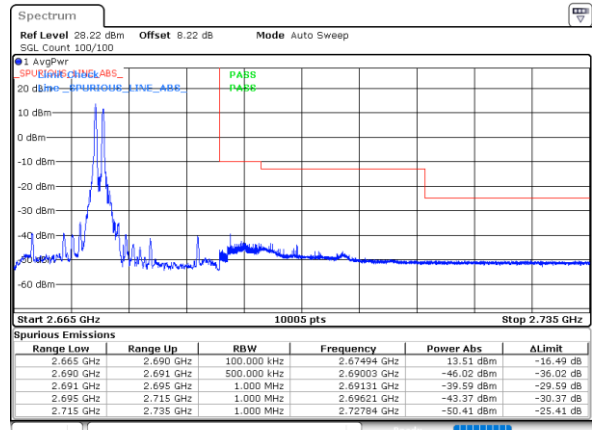
Date: 23\_JAN\_2025 20:50:37

Lowest Band Edge / 1RB49 and 1RB0



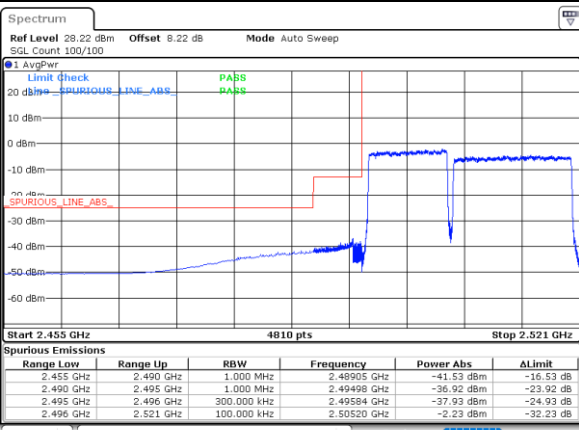
Date: 23\_JAN\_2025 20:26:32

Highest Band Edge / 1RB49 and 1RB0



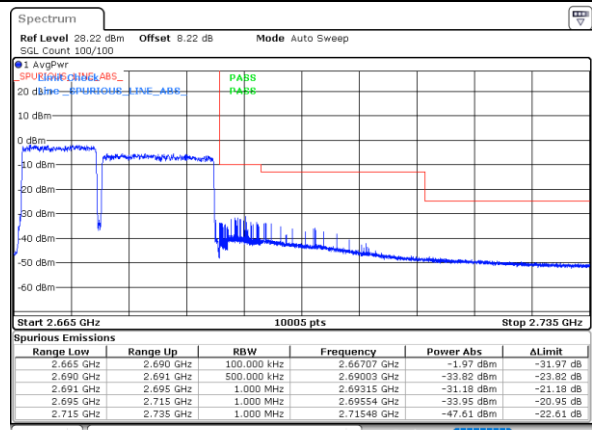
Date: 23\_JAN\_2025 20:45:32

Lowest Band Edge / Full RB



Date: 23\_JAN\_2025 20:36:37

Highest Band Edge / Full RB



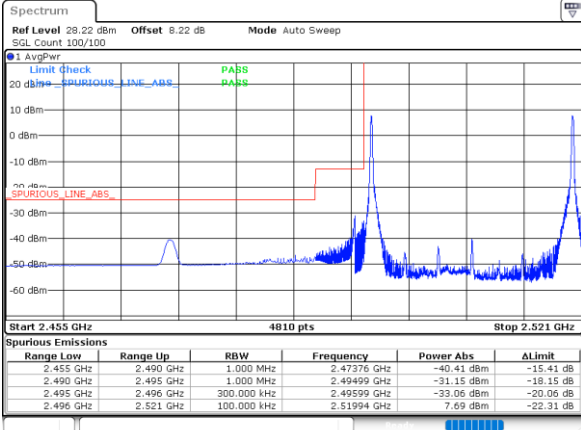
Date: 23\_JAN\_2025 20:55:44



LTE Band 41C / 10MHz+15MHz

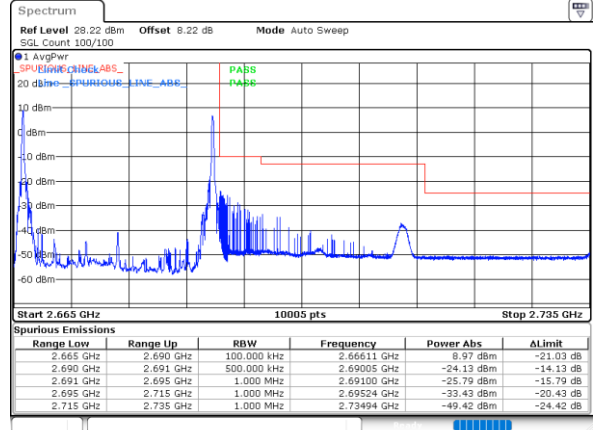
256AM

Lowest Band Edge / 1RB0 and 1RB74



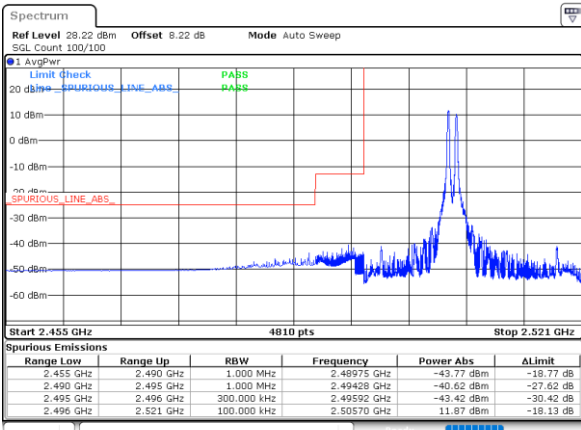
Date: 23\_JAN\_2025 20:32:50

Highest Band Edge / 1RB0 and 1RB74



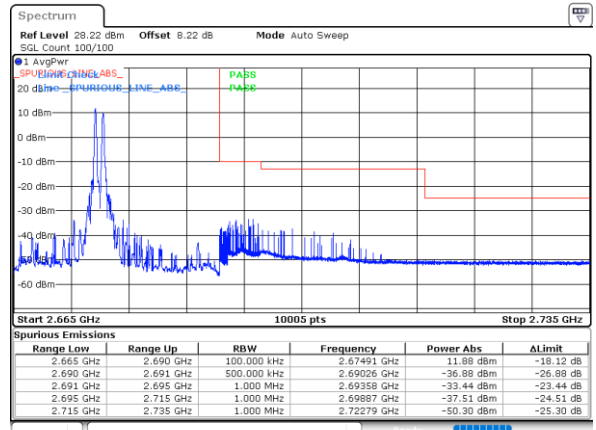
Date: 23\_JAN\_2025 20:51:53

Lowest Band Edge / 1RB49 and 1RB0



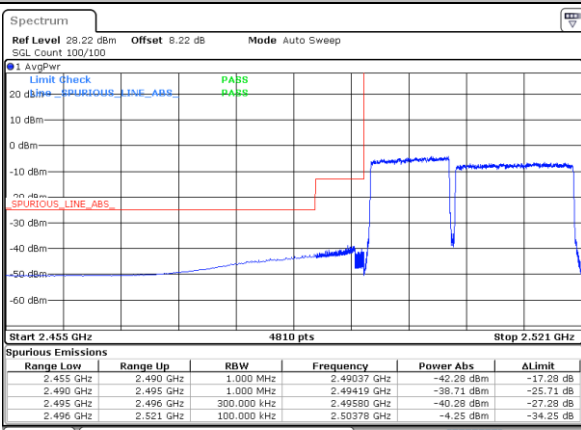
Date: 23\_JAN\_2025 20:27:47

Highest Band Edge / 1RB49 and 1RB0



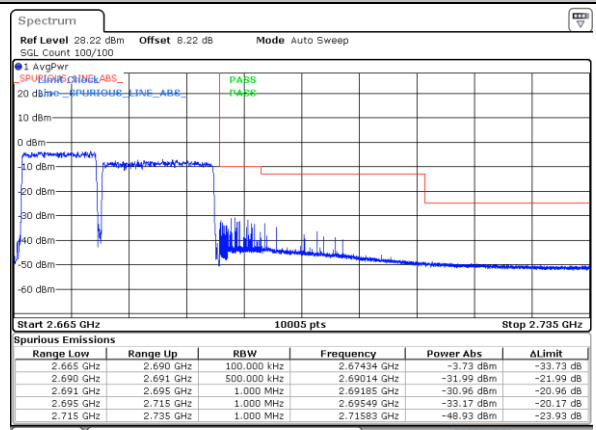
Date: 23\_JAN\_2025 20:46:48

Lowest Band Edge / Full RB



Date: 23\_JAN\_2025 20:37:52

Highest Band Edge / Full RB



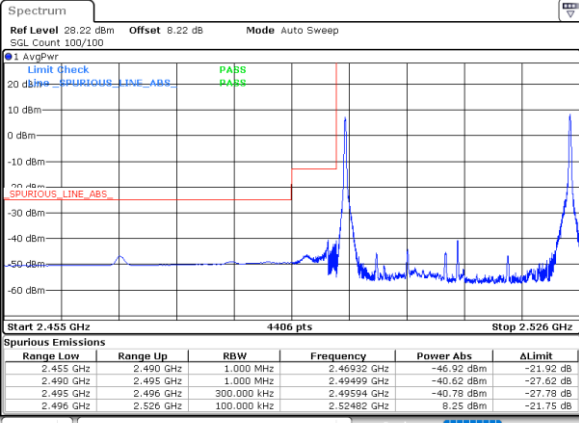
Date: 23\_JAN\_2025 20:57:00



LTE Band 41C / 10MHz+20MHz

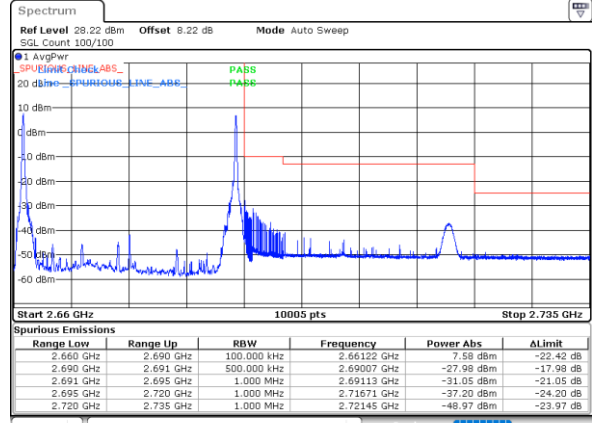
QPSK

Lowest Band Edge / 1RB0 and 1RB99



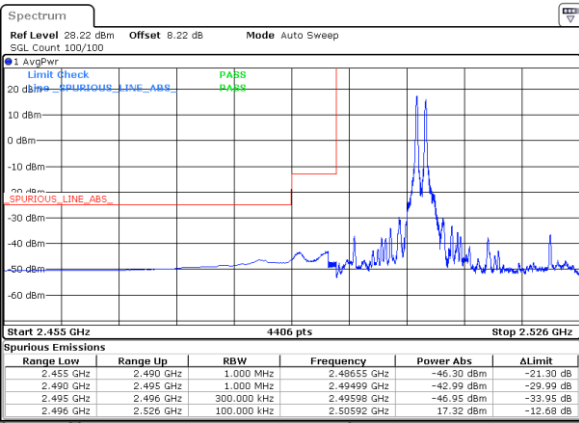
Date: 23\_JAN\_2025 21:05:18

Highest Band Edge / 1RB0 and 1RB99



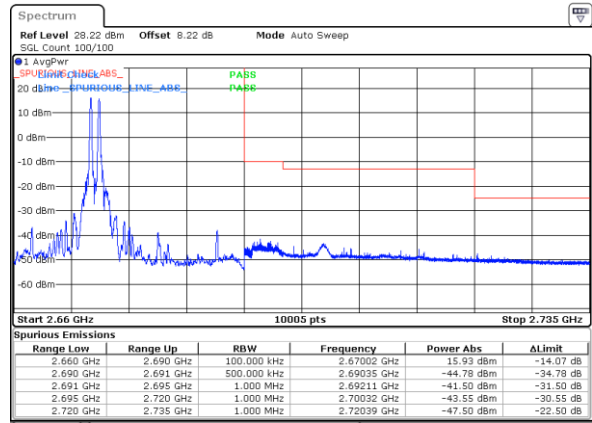
Date: 23\_JAN\_2025 21:12:33

Lowest Band Edge / 1RB49 and 1RB0



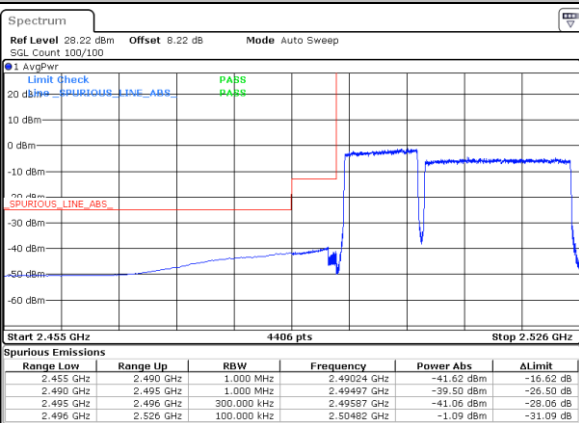
Date: 23\_JAN\_2025 21:00:12

Highest Band Edge / 1RB49 and 1RB0



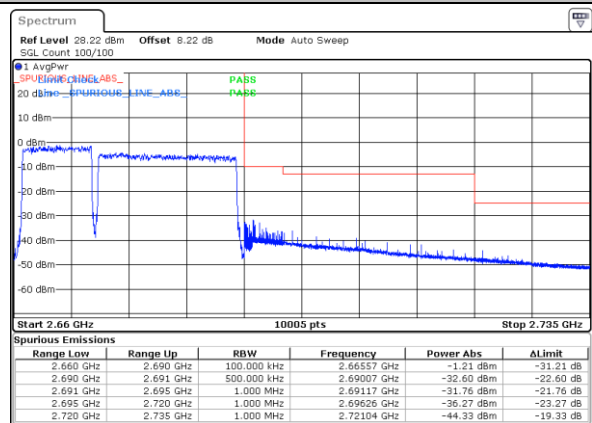
Date: 23\_JAN\_2025 21:19:27

Lowest Band Edge / Full RB



Date: 23\_JAN\_2025 21:10:25

Highest Band Edge / Full RB



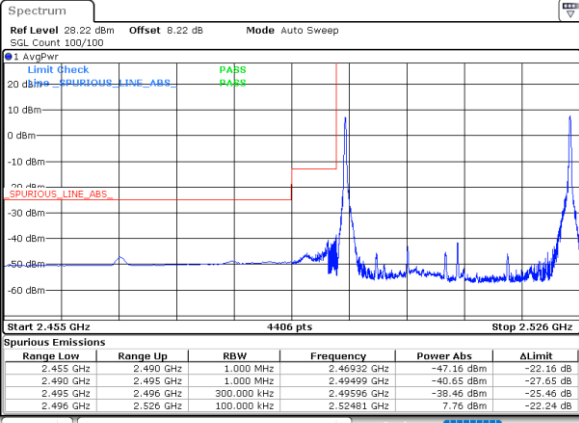
Date: 23\_JAN\_2025 21:29:39



LTE Band 41C / 10MHz+20MHz

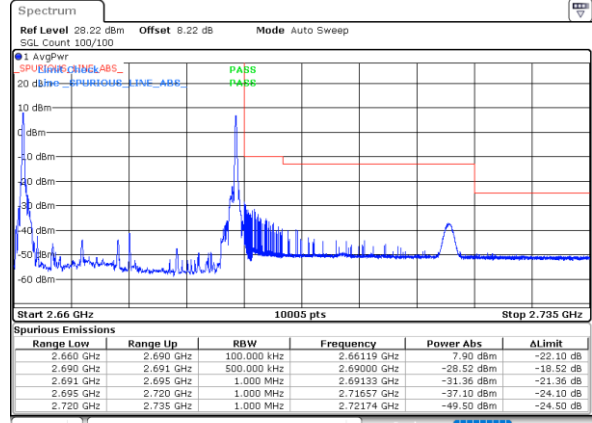
16QAM

Lowest Band Edge / 1RB0 and 1RB99



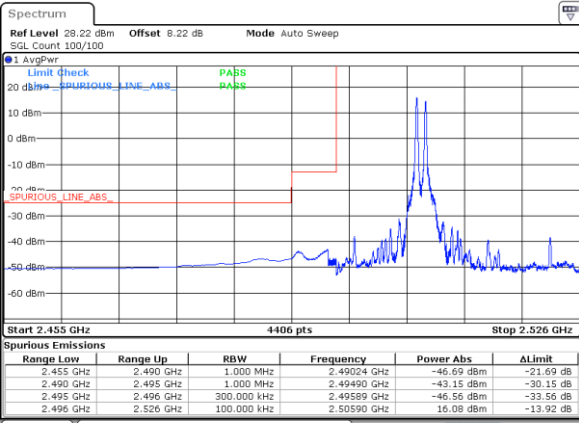
Date: 23\_JAN\_2025 21:06:35

Highest Band Edge / 1RB0 and 1RB99



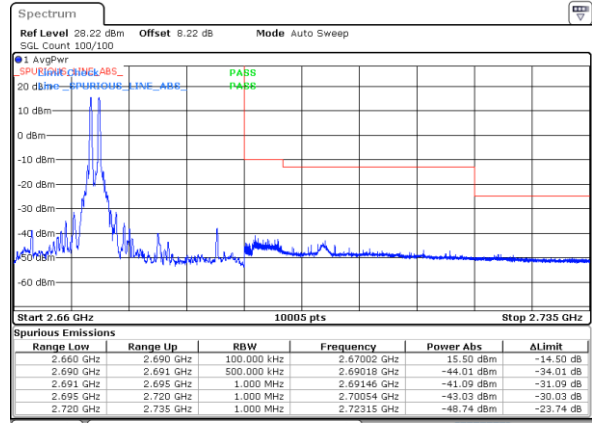
Date: 23\_JAN\_2025 21:25:49

Lowest Band Edge / 1RB49 and 1RB0



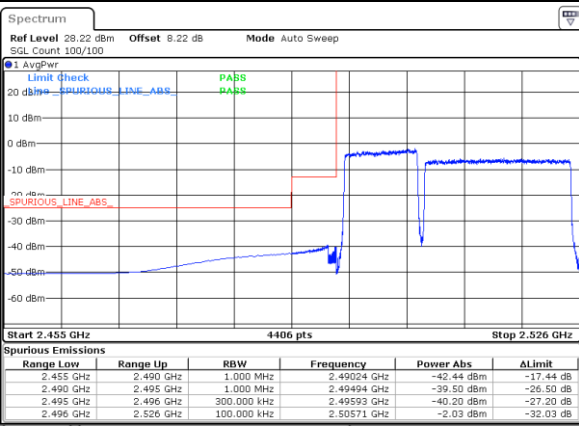
Date: 23\_JAN\_2025 21:01:28

Highest Band Edge / 1RB49 and 1RB0



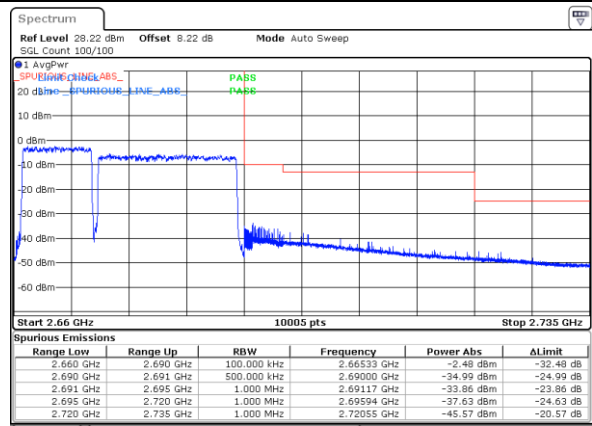
Date: 23\_JAN\_2025 21:20:44

Lowest Band Edge / Full RB



Date: 23\_JAN\_2025 21:11:42

Highest Band Edge / Full RB



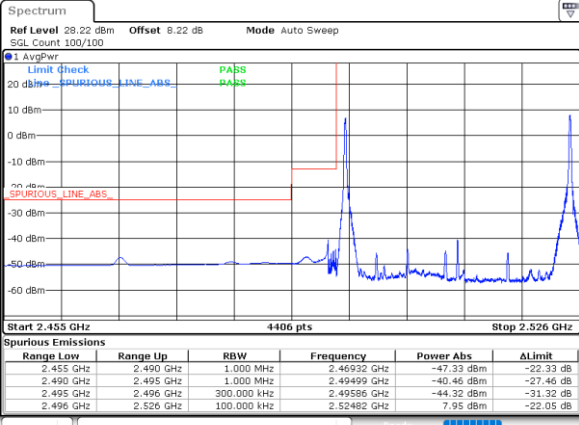
Date: 23\_JAN\_2025 21:30:56



LTE Band 41C / 10MHz+20MHz

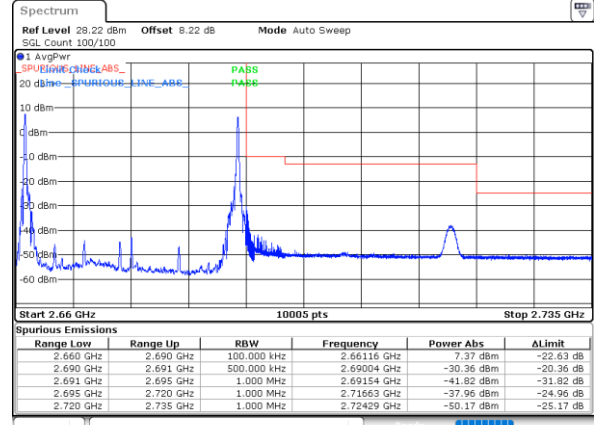
64QAM

Lowest Band Edge / 1RB0 and 1RB99



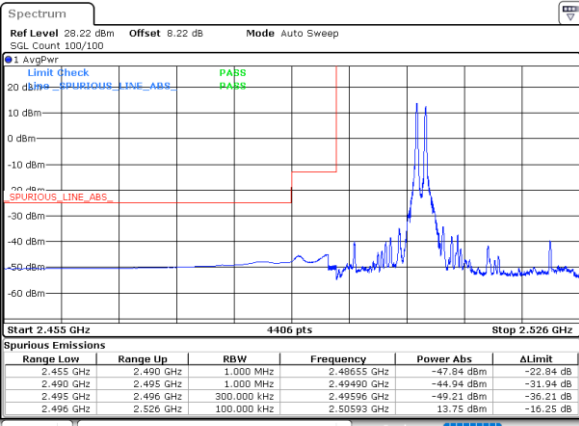
Date: 23\_JAN\_2025 21:07:52

Highest Band Edge / 1RB0 and 1RB99



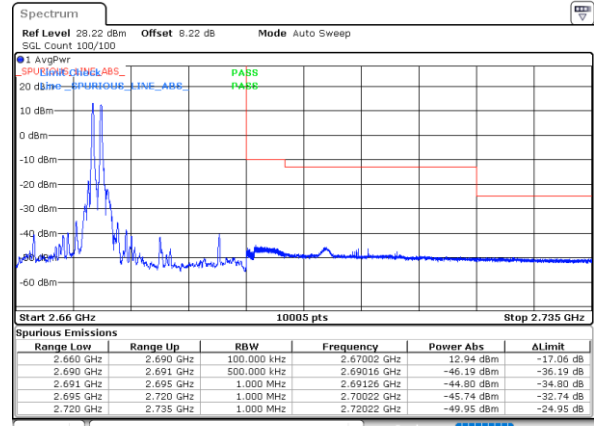
Date: 23\_JAN\_2025 21:27:06

Lowest Band Edge / 1RB49 and 1RB0



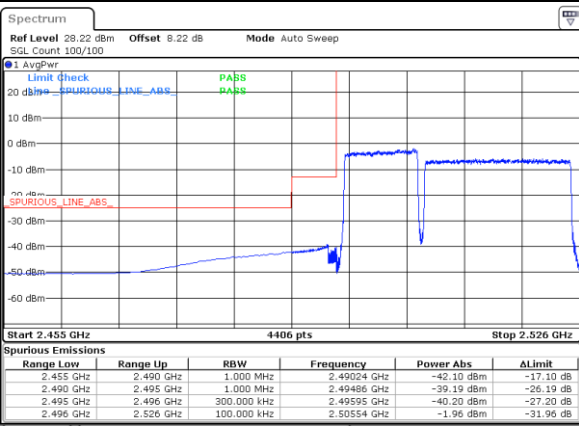
Date: 23\_JAN\_2025 21:02:45

Highest Band Edge / 1RB49 and 1RB0



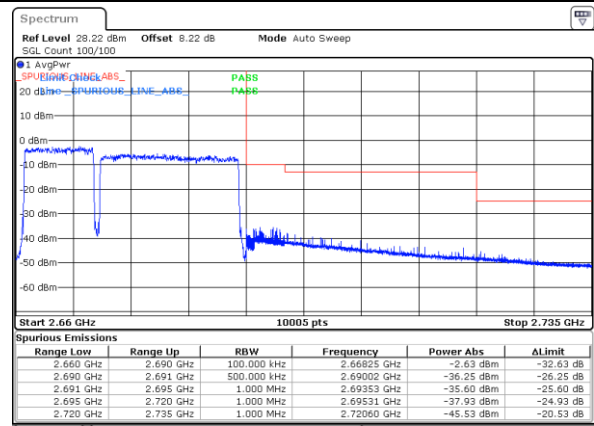
Date: 23\_JAN\_2025 21:22:00

Lowest Band Edge / Full RB



Date: 23\_JAN\_2025 21:12:59

Highest Band Edge / Full RB



Date: 23\_JAN\_2025 21:32:12

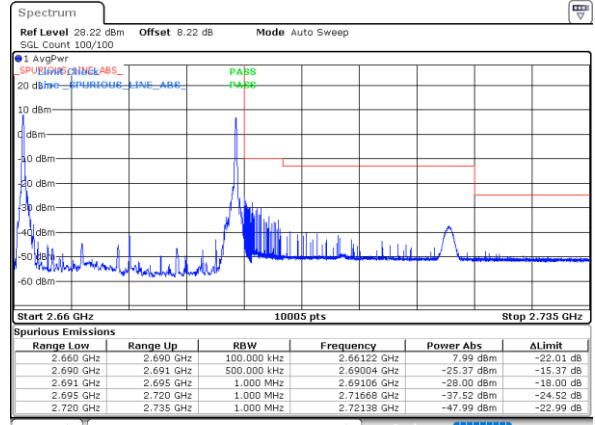
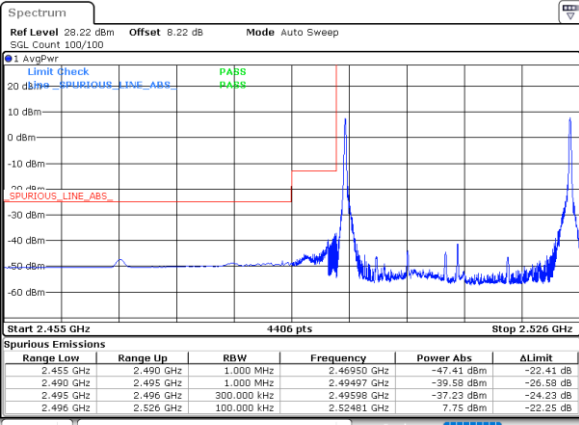


LTE Band 41C / 10MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

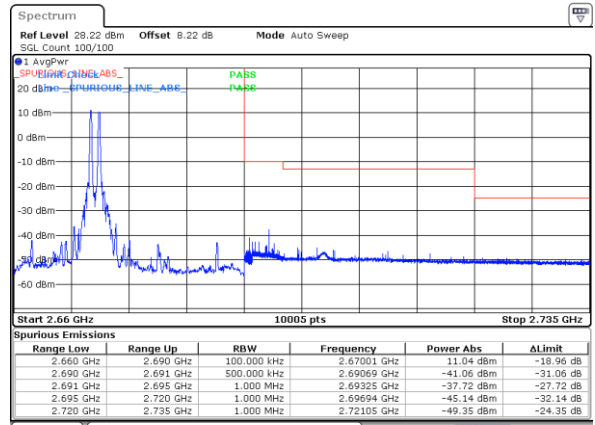
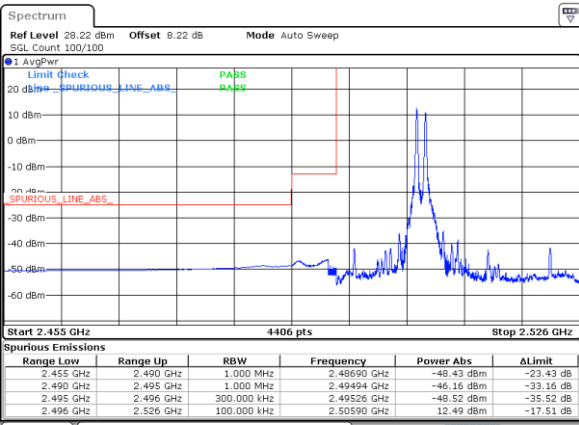


Date: 23\_JAN\_2025 21:09:08

Date: 23\_JAN\_2025 21:12:22

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

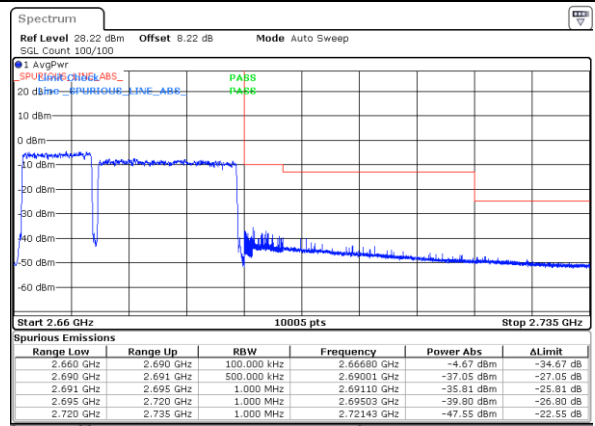
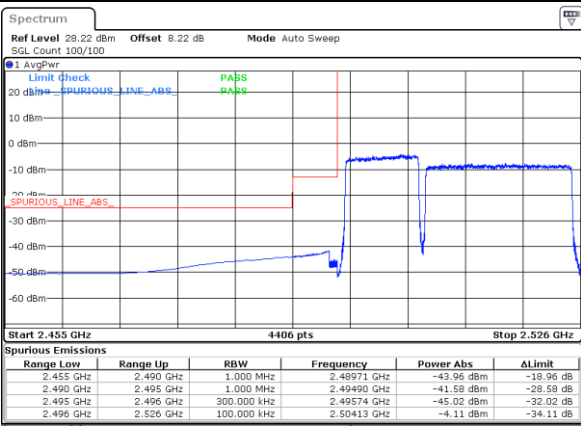


Date: 23\_JAN\_2025 21:04:02

Date: 23\_JAN\_2025 21:13:17

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23\_JAN\_2025 21:14:15

Date: 23\_JAN\_2025 21:13:28