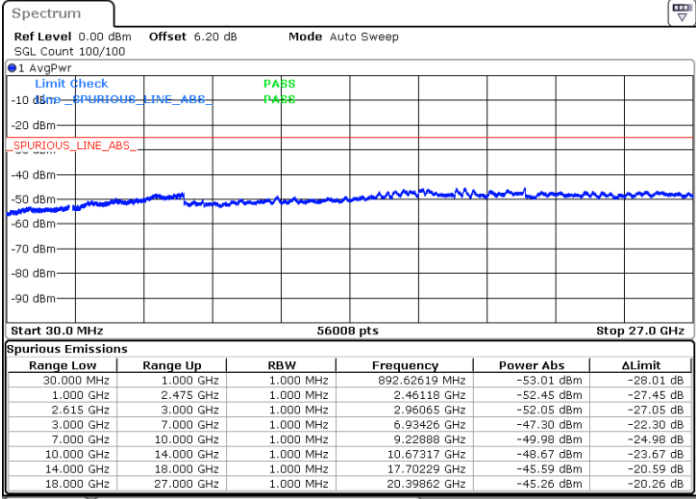




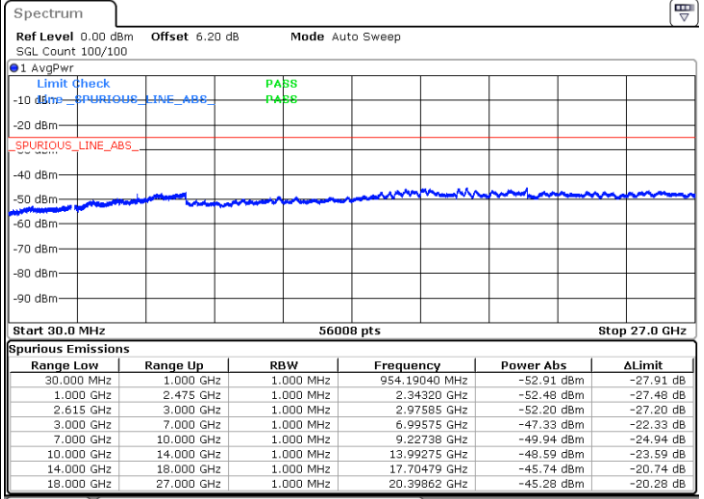
LTE Band 7C /20MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

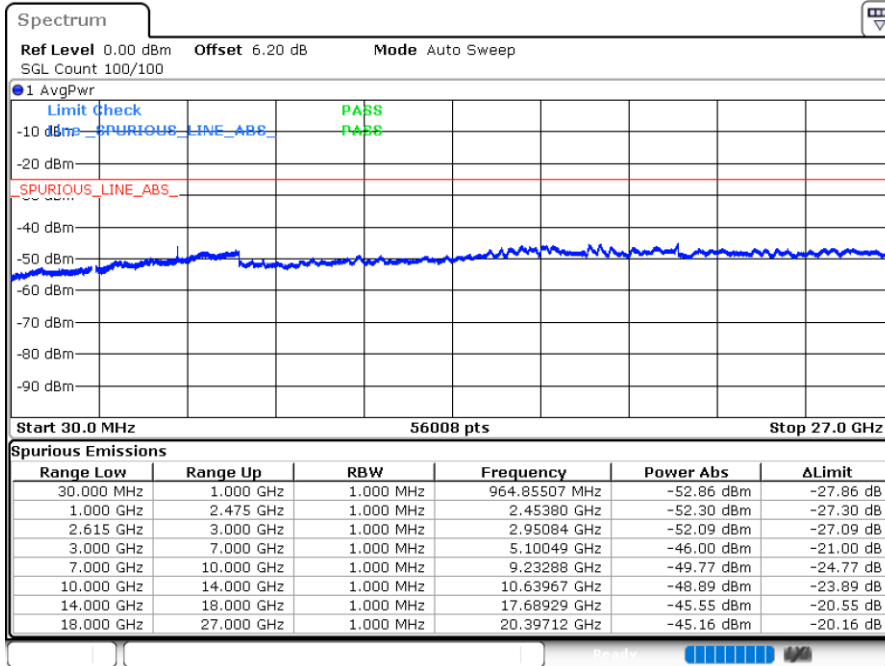


Date: 17.NOV.2023 00:01:11



Date: 17.NOV.2023 00:09:56

Highest Channel / QPSK



Date: 17.NOV.2023 00:11:24



Frequency Stability

Test Conditions		LTE Band 7C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0033	
30	Normal Voltage	0.0056	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0049	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0054	
-30	Normal Voltage	0.0051	
20	Maximum Voltage	0.0046	
20	Normal Voltage	0.0024	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.4V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 41C

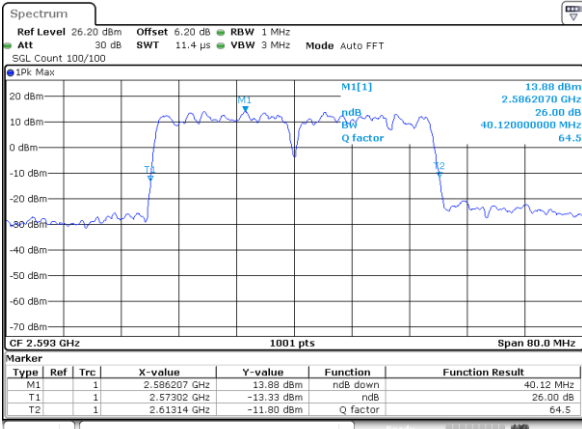
## 26dB Bandwidth

Mode	LTE Band 41CA : 26dB BW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	40.12	40.04
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	35.04	34.90
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.09	30.15
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	24.93	24.88
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	35.11	34.69
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.57	30.69
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.43	25.38
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	29.97	29.91
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	25.48	25.82
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	24.98	24.83



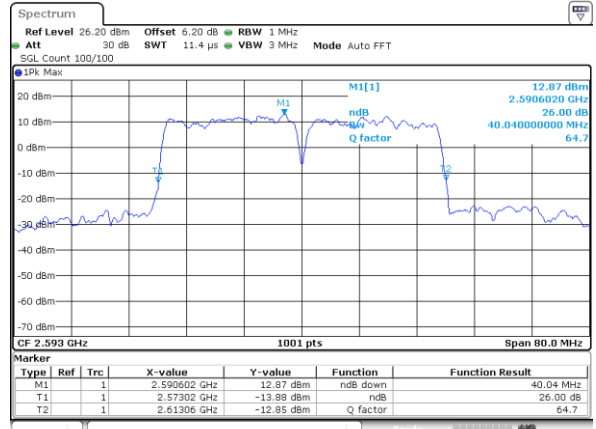
LTE Band 41C

Middle Channel / 20MHz+20MHz / QPSK



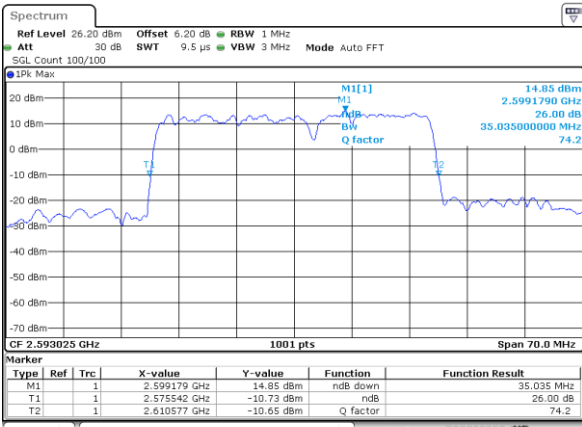
Date: 20\_Nov\_2023 17:16:52

Middle Channel / 20MHz+20MHz / 16QAM



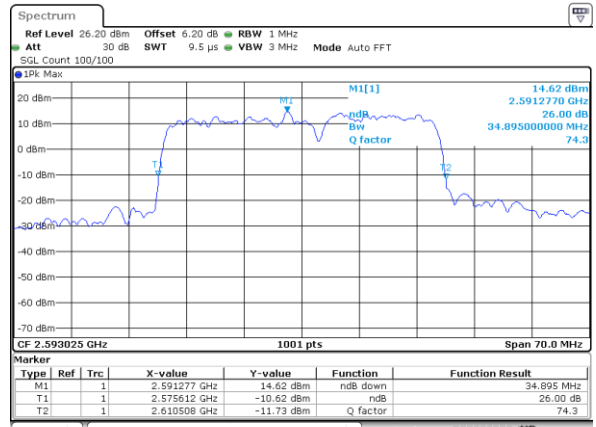
Date: 20\_Nov\_2023 17:16:22

Middle Channel / 20MHz+15MHz / QPSK



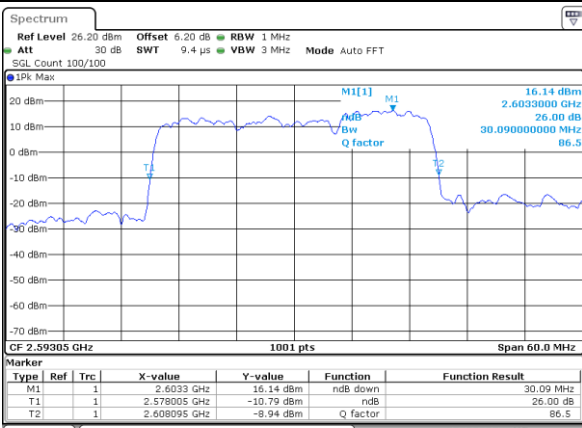
Date: 20\_Nov\_2023 17:14:19

Middle Channel / 20MHz+15MHz / 16QAM



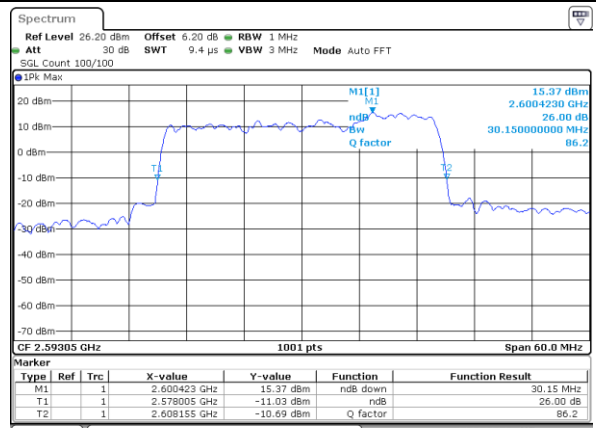
Date: 20\_Nov\_2023 17:14:48

Middle Channel / 20MHz+10MHz / QPSK



Date: 20\_Nov\_2023 17:08:28

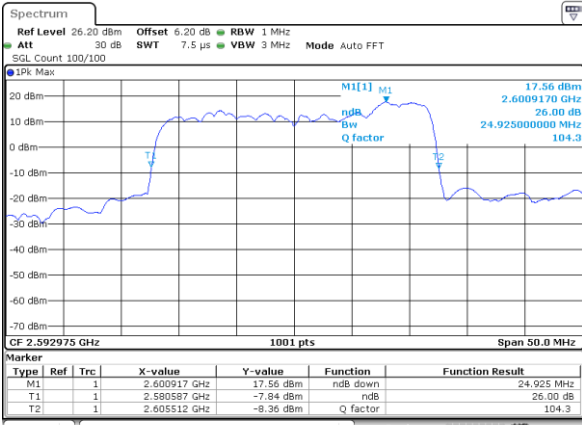
Middle Channel / 20MHz+10MHz / 16QAM



Date: 20\_Nov\_2023 17:07:59

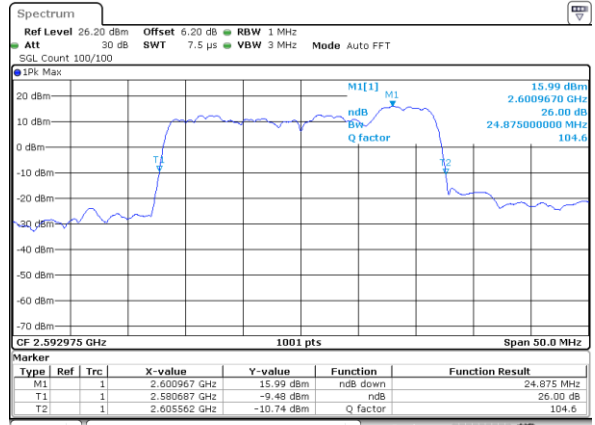


Middle Channel / 20MHz+5MHz / QPSK



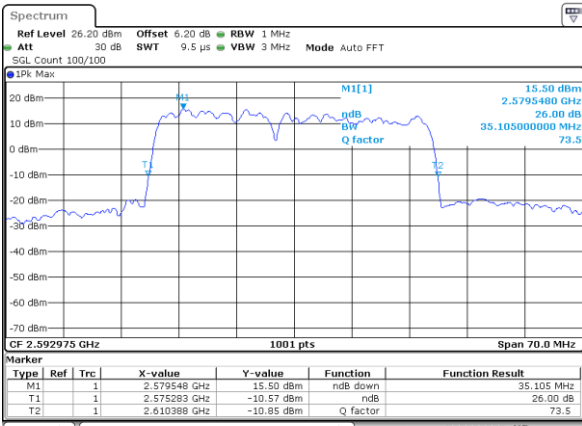
Date: 20,NOV,2023 16:54:32

Middle Channel / 20MHz+5MHz / 16QAM



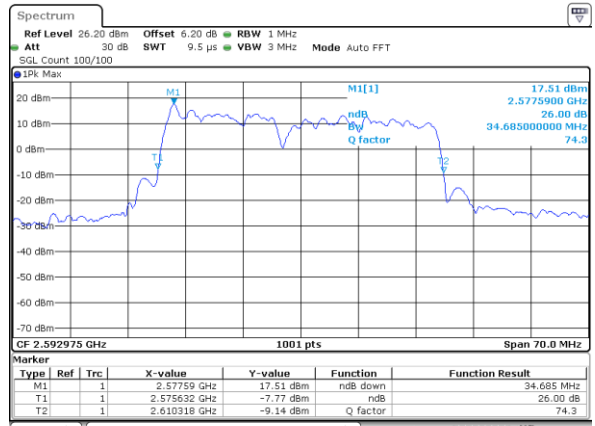
Date: 20,NOV,2023 16:54:02

Middle Channel / 15MHz+20MHz / QPSK



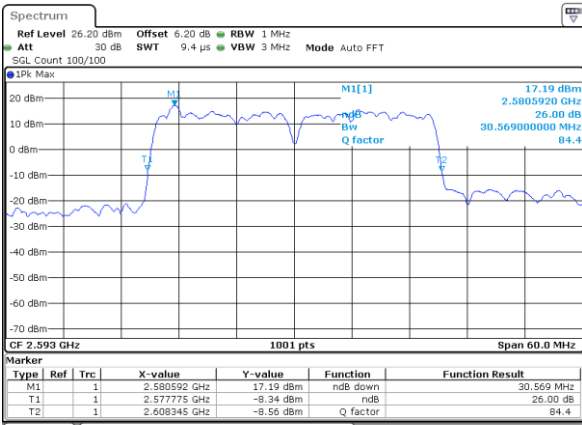
Date: 20,NOV,2023 17:12:44

Middle Channel / 15MHz+20MHz / 16QAM



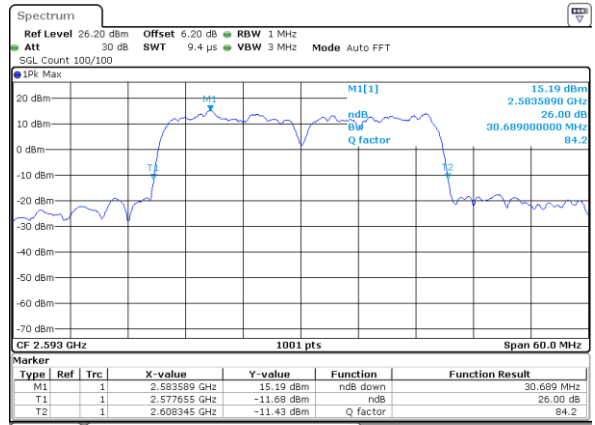
Date: 20,NOV,2023 17:12:15

Middle Channel / 15MHz+15MHz / QPSK



Date: 20,NOV,2023 17:10:12

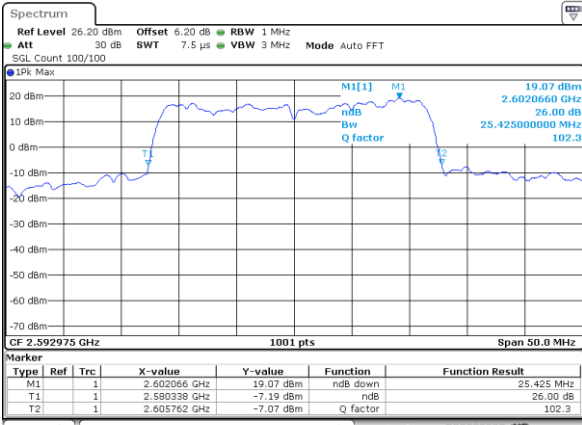
Middle Channel / 15MHz+15MHz / 16QAM



Date: 20,NOV,2023 17:10:41

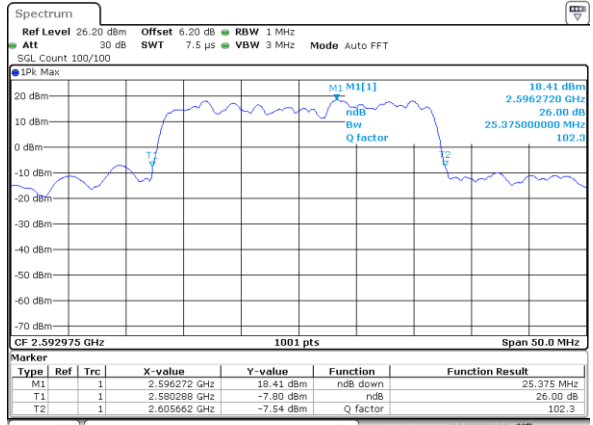


Middle Channel / 15MHz+10MHz / QPSK



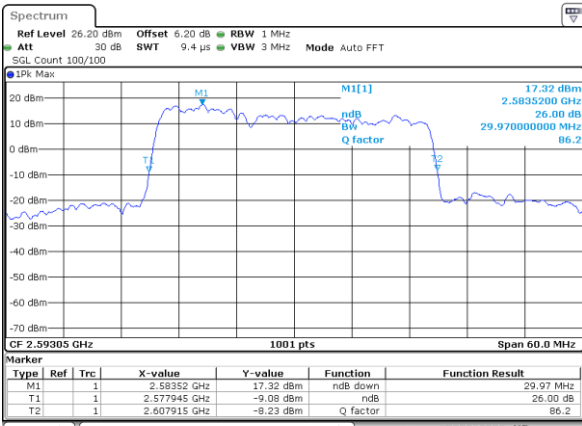
Date: 20.NOV.2023 17:03:14

Middle Channel / 15MHz+10MHz / 16QAM



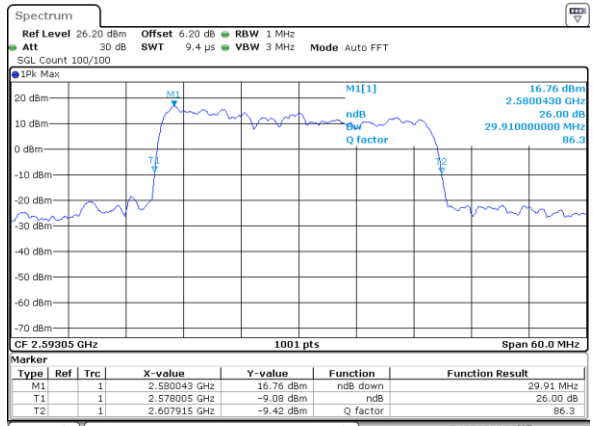
Date: 20.NOV.2023 17:02:44

Middle Channel / 10MHz+20MHz / QPSK



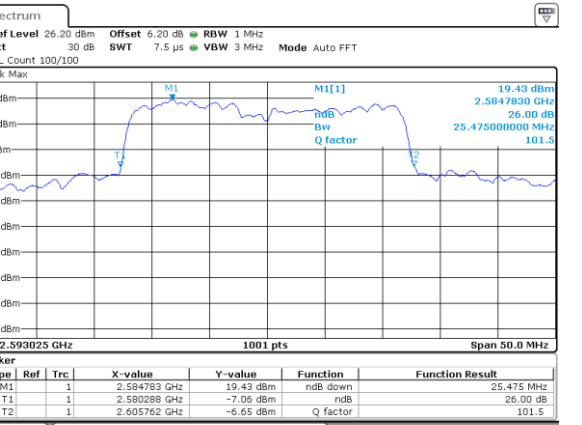
Date: 20.NOV.2023 17:05:59

Middle Channel / 10MHz+20MHz / 16QAM



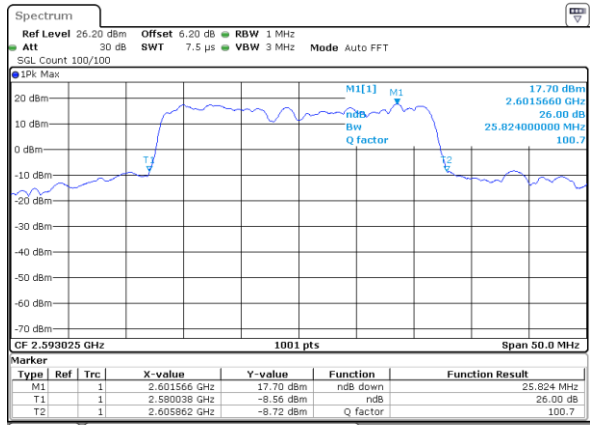
Date: 20.NOV.2023 17:06:29

Middle Channel / 10MHz+15MHz / QPSK

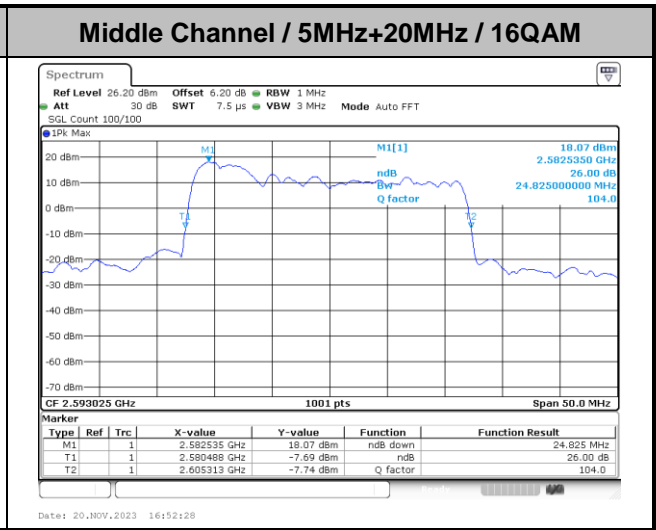
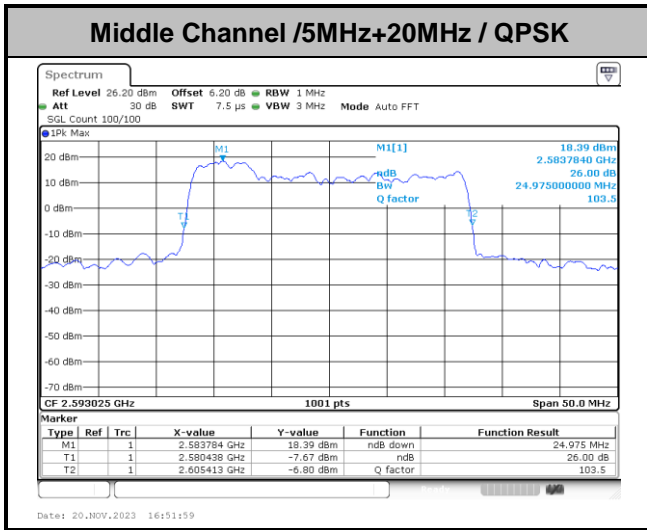


Date: 20.NOV.2023 17:00:40

Middle Channel / 10MHz+15MHz / 16QAM



Date: 20.NOV.2023 17:01:09





**Occupied Bandwidth**

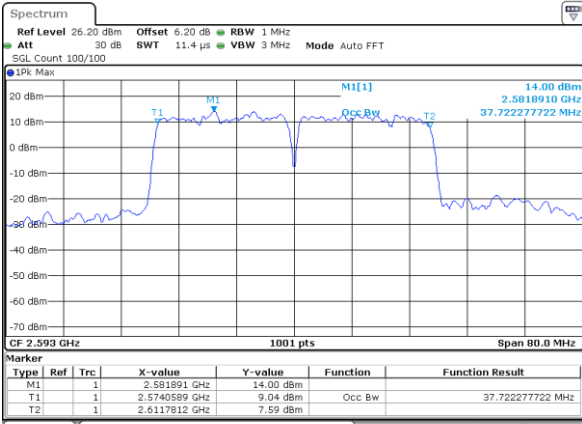
Mode	LTE Band 41-CA : 99%OBW(MHz)	
<b>BW</b>	<b>20MHz+20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	37.72	37.32
<b>BW</b>	<b>20MHz+15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	32.87	32.87
<b>BW</b>	<b>20MHz+10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	27.93	27.99
<b>BW</b>	<b>20MHz+5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	23.08	23.18
<b>BW</b>	<b>15MHz+20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	33.01	32.94
<b>BW</b>	<b>15MHz+15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	28.83	28.59
<b>BW</b>	<b>15MHz+10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	23.68	23.53
<b>BW</b>	<b>10MHz+20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	28.23	28.11
<b>BW</b>	<b>10MHz+15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	23.58	23.63
<b>BW</b>	<b>5MHz+20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	23.13	23.28





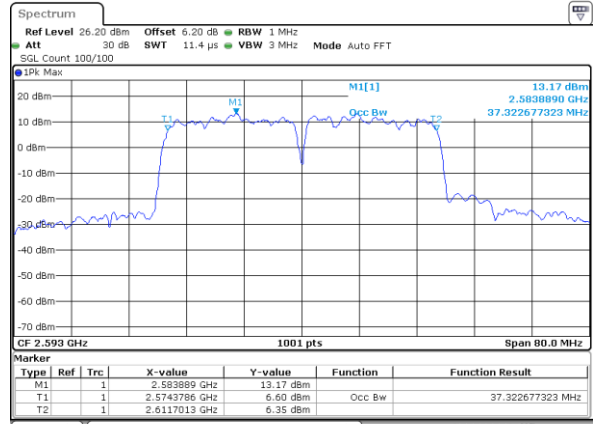
LTE Band 41C

Middle Channel / 20MHz+20MHz / QPSK



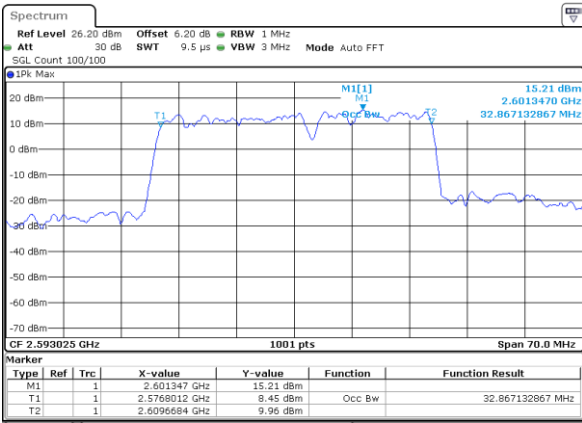
Date: 20,NOV,2023 17:17:21

Middle Channel / 20MHz+20MHz / 16QAM



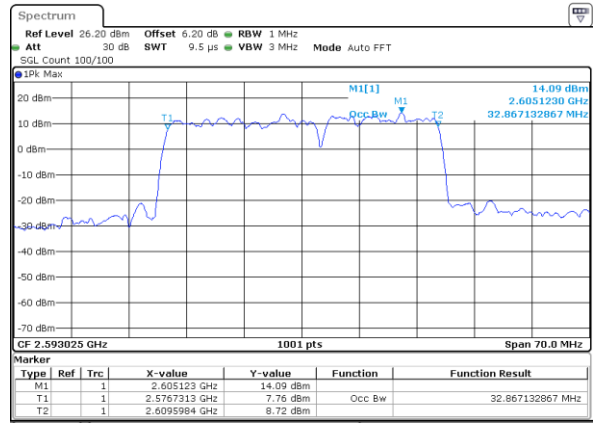
Date: 20,NOV,2023 17:15:54

Middle Channel / 20MHz+15MHz / QPSK



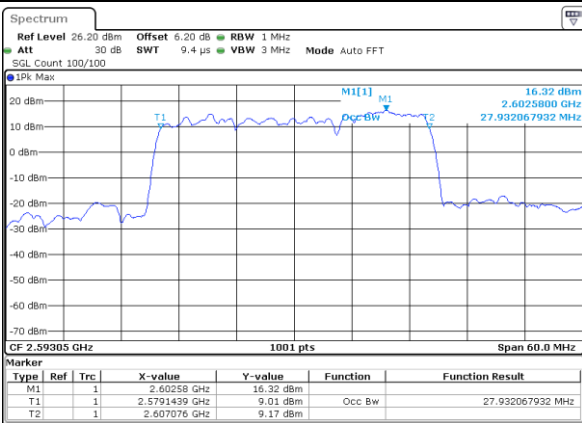
Date: 20,NOV,2023 17:13:50

Middle Channel / 20MHz+15MHz / 16QAM



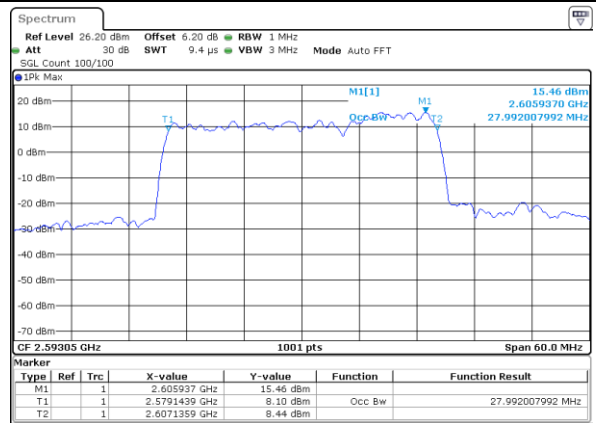
Date: 20,NOV,2023 17:15:17

Middle Channel / 20MHz+10MHz / QPSK



Date: 20,NOV,2023 17:08:57

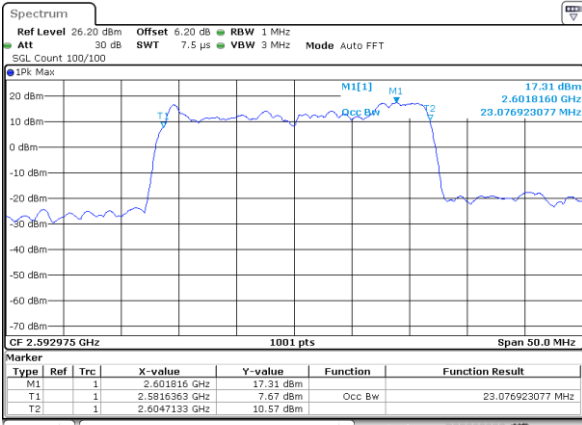
Middle Channel / 20MHz+10MHz / 16QAM



Date: 20,NOV,2023 17:07:30

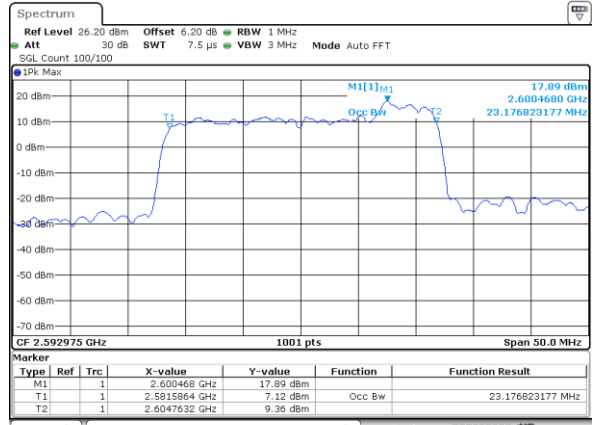


Middle Channel / 20MHz+5MHz / QPSK



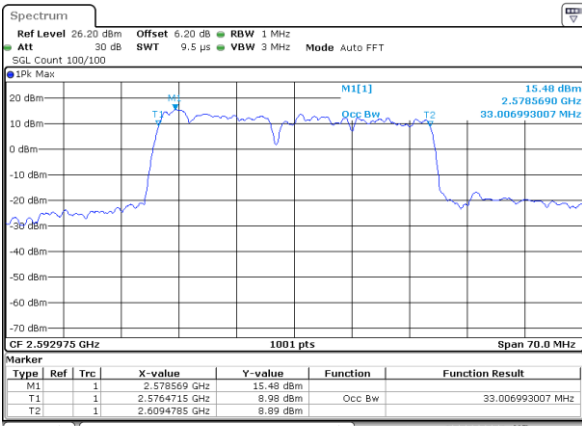
Date: 20.NOV.2023 16:55:01

Middle Channel / 20MHz+5MHz / 16QAM



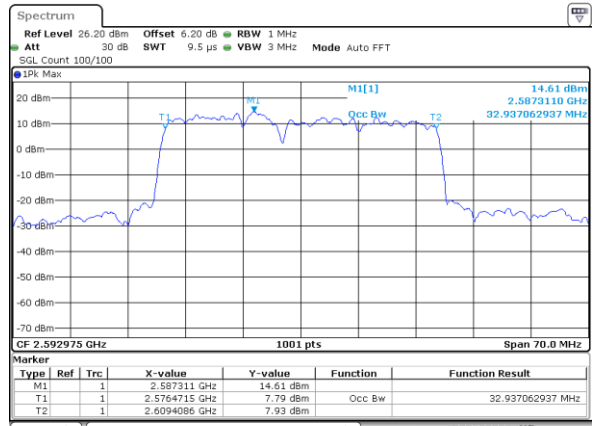
Date: 20.NOV.2023 16:53:33

Middle Channel / 15MHz+20MHz / QPSK



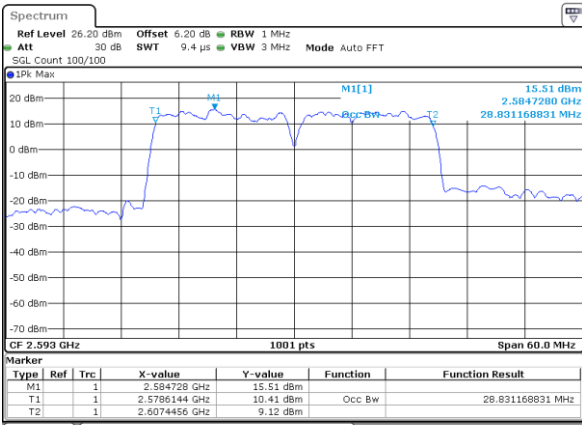
Date: 20.NOV.2023 17:13:13

Middle Channel / 15MHz+20MHz / 16QAM



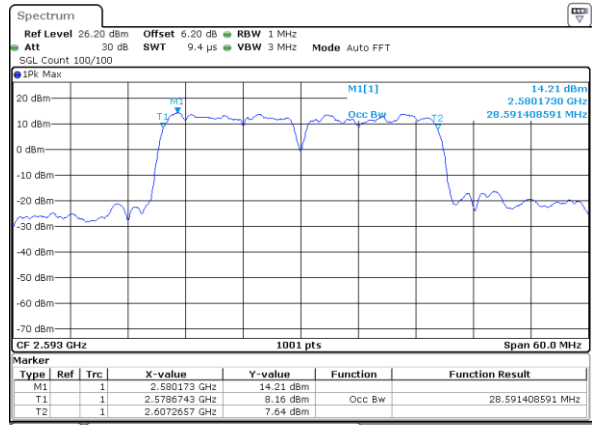
Date: 20.NOV.2023 17:13:46

Middle Channel / 15MHz+15MHz / QPSK



Date: 20.NOV.2023 17:09:43

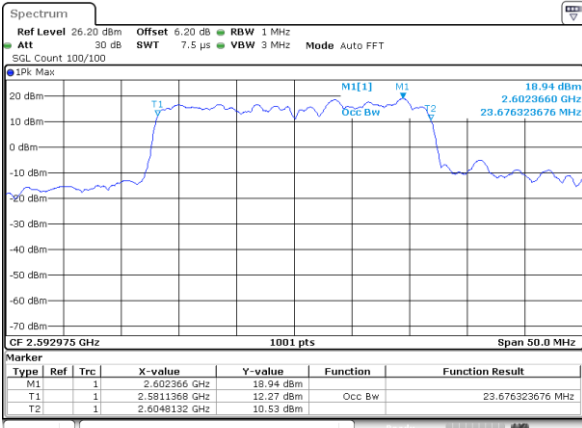
Middle Channel / 15MHz+15MHz / 16QAM



Date: 20.NOV.2023 17:11:10

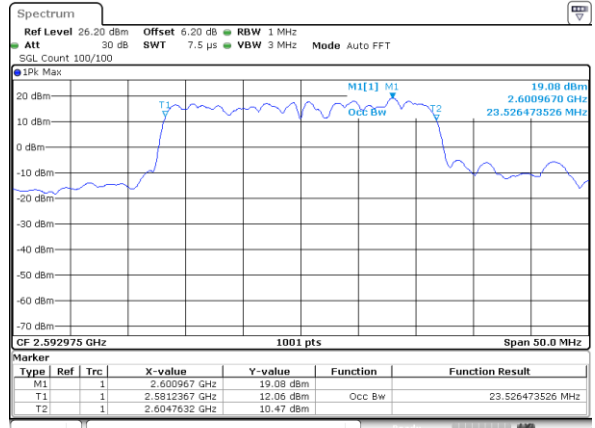


Middle Channel / 15MHz+10MHz / QPSK



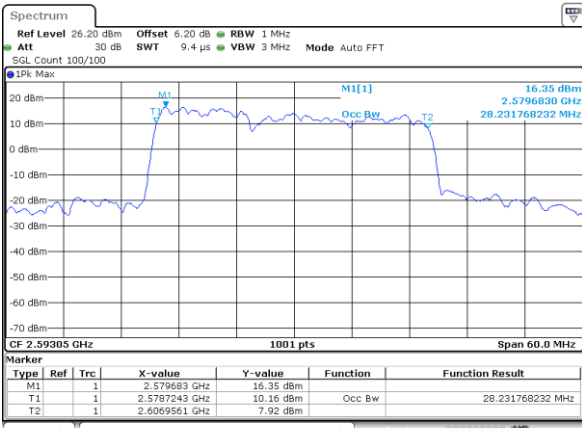
Date: 20.NOV.2023 17:03:43

Middle Channel / 15MHz+10MHz / 16QAM



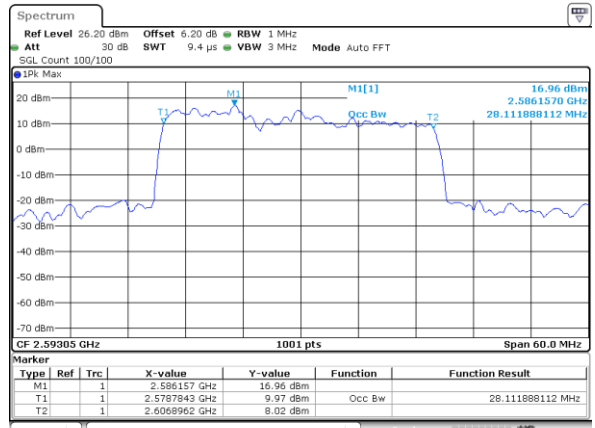
Date: 20.NOV.2023 17:02:15

Middle Channel / 10MHz+20MHz / QPSK



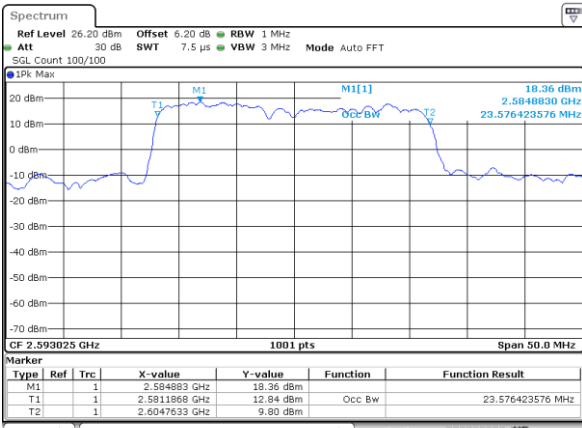
Date: 20.NOV.2023 17:05:30

Middle Channel / 10MHz+20MHz / 16QAM



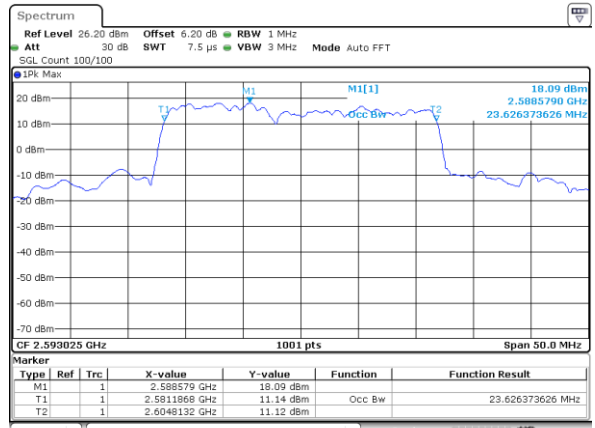
Date: 20.NOV.2023 17:06:58

Middle Channel / 10MHz+15MHz / QPSK

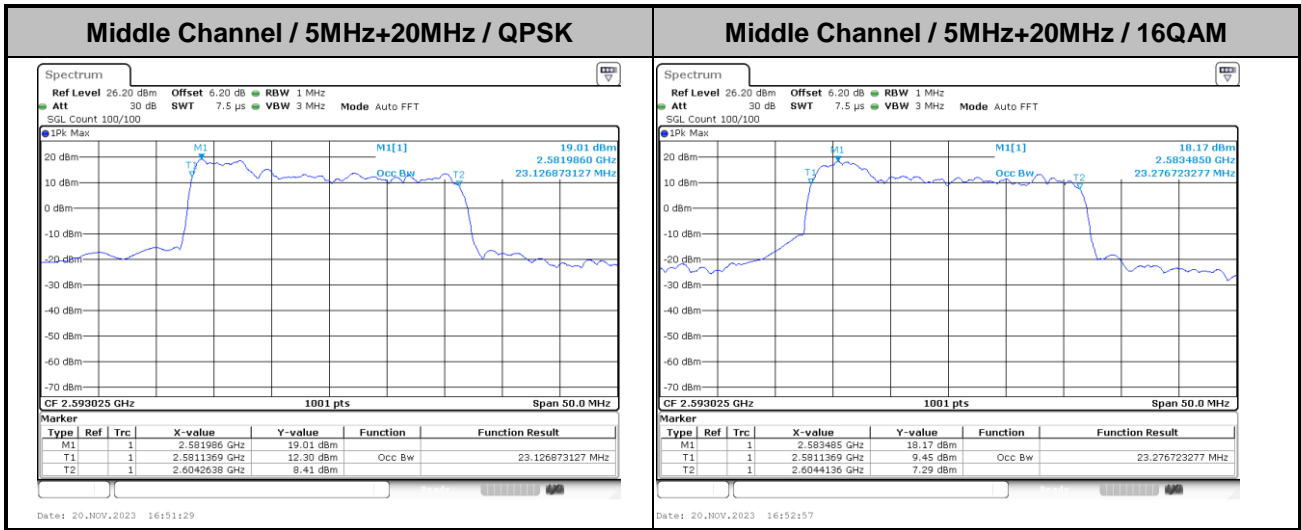


Date: 20.NOV.2023 17:00:11

Middle Channel / 10MHz+15MHz / 16QAM



Date: 20.NOV.2023 17:01:38



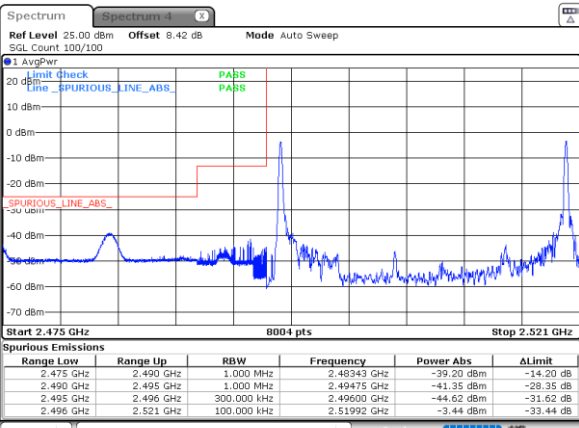


# Conducted Band Edge

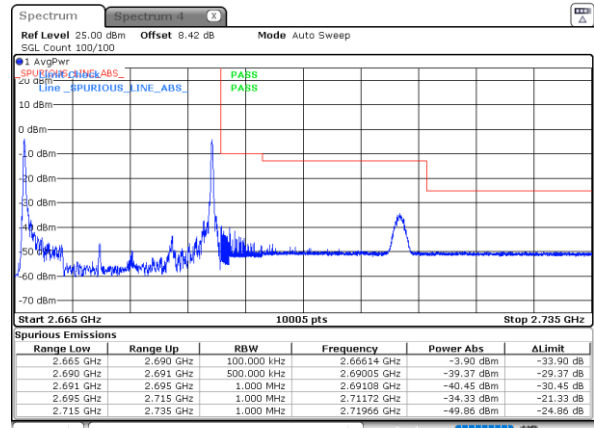
## LTE Band 41C / 5MHz+20MHz

### QPSK

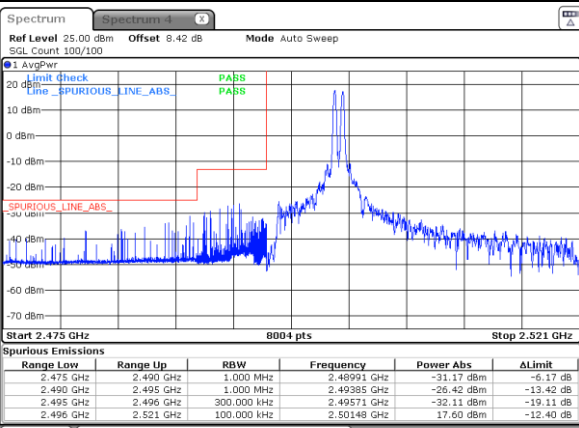
#### Lowest Band Edge / 1RB0 and 1RB9



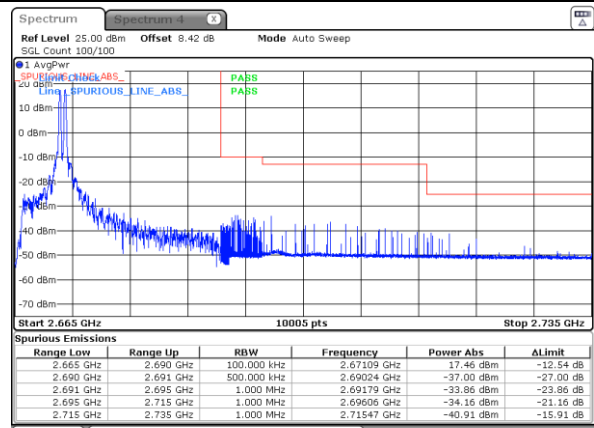
#### Highest Band Edge / 1RB0 and 1RB9



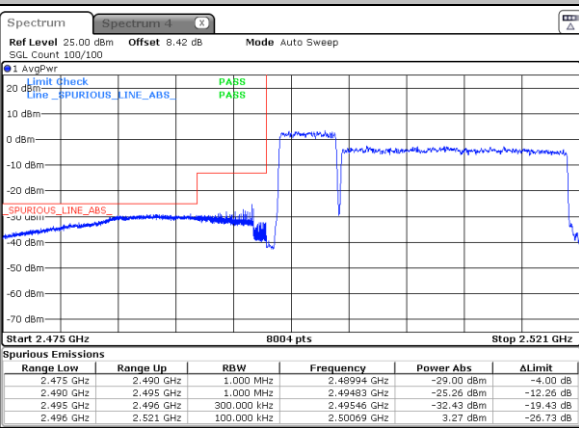
#### Lowest Band Edge / 1RB24 and 1RB0



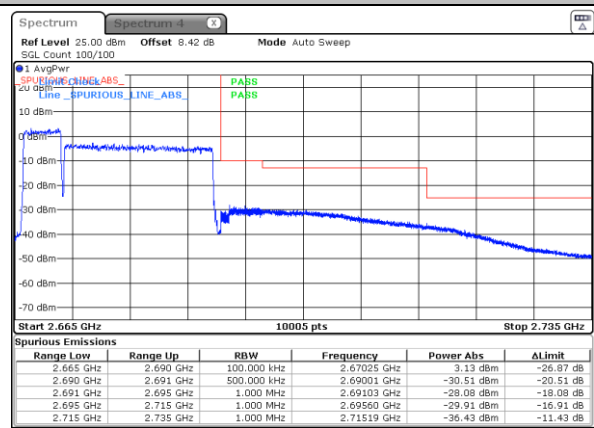
#### Highest Band Edge / 1RB24 and 1RB0



#### Lowest Band Edge / Full RB



#### Highest Band Edge / Full RB



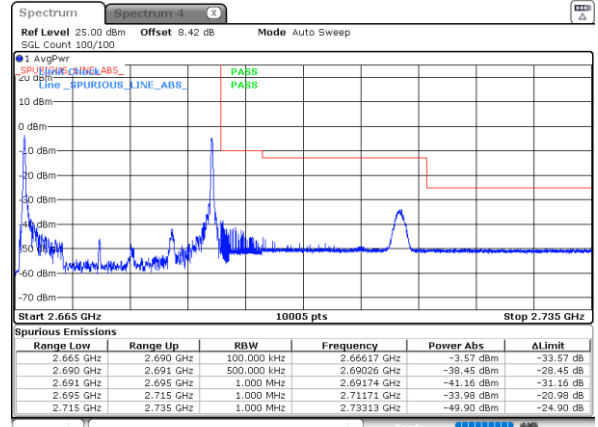
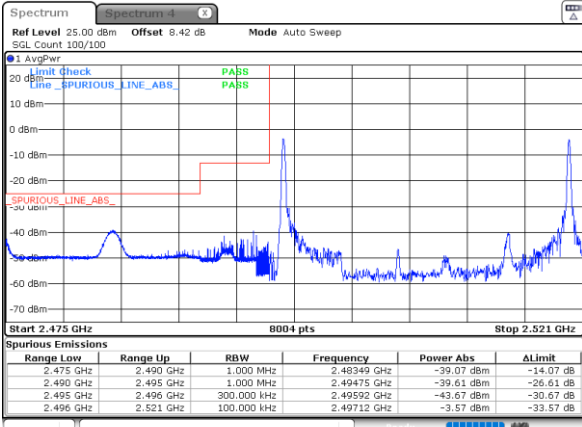


LTE Band 41C / 5MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

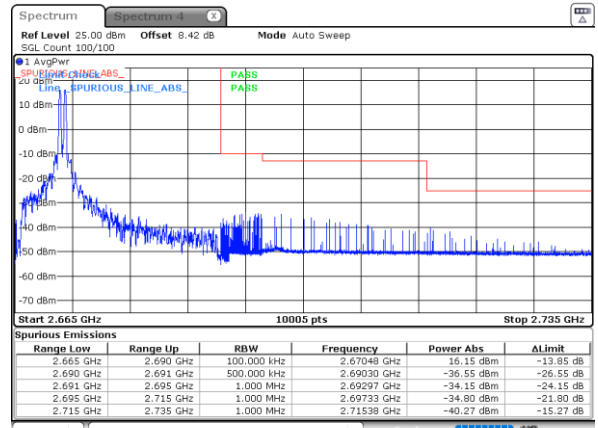
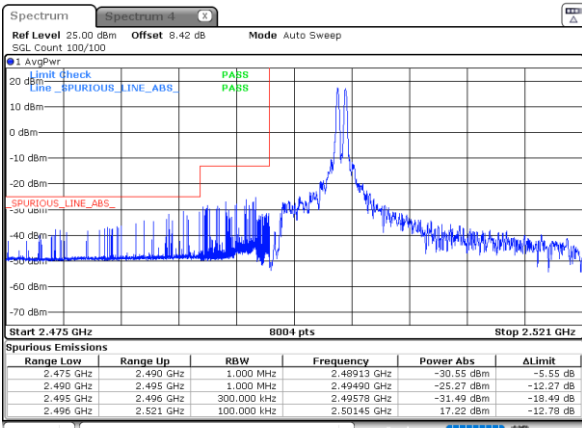


Date: 16.NOV.2023 14:28:47

Date: 16.NOV.2023 14:40:29

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

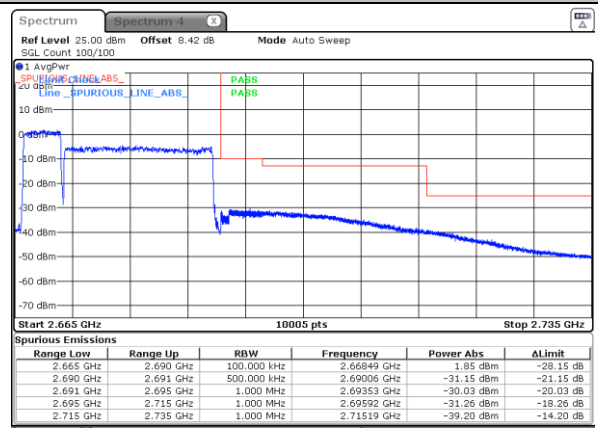
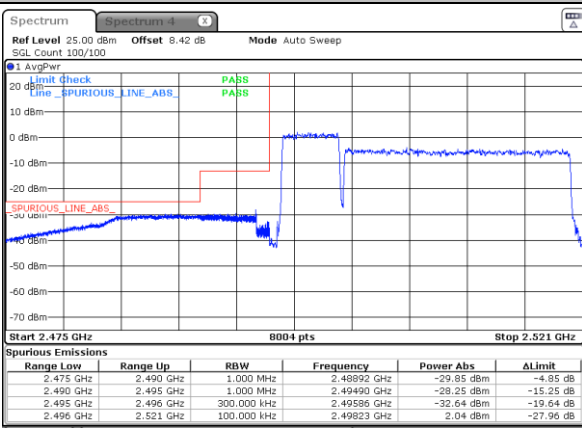


Date: 16.NOV.2023 14:25:03

Date: 16.NOV.2023 14:37:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.NOV.2023 14:31:40

Date: 16.NOV.2023 14:43:25

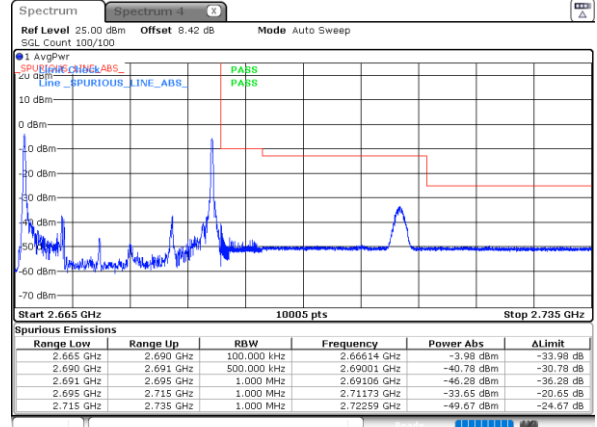
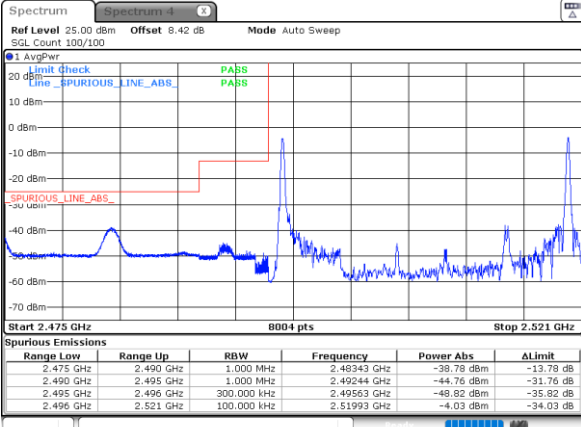


LTE Band 41C / 5MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

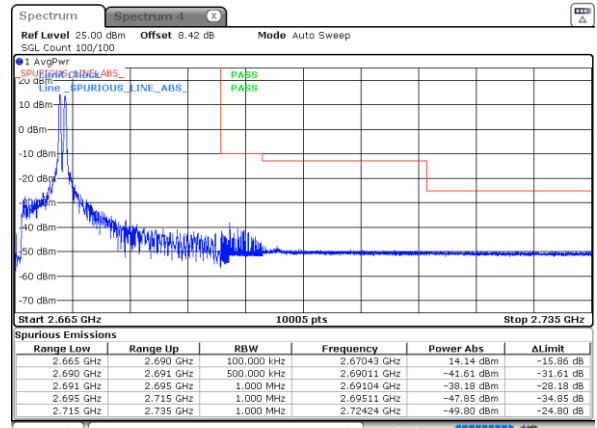
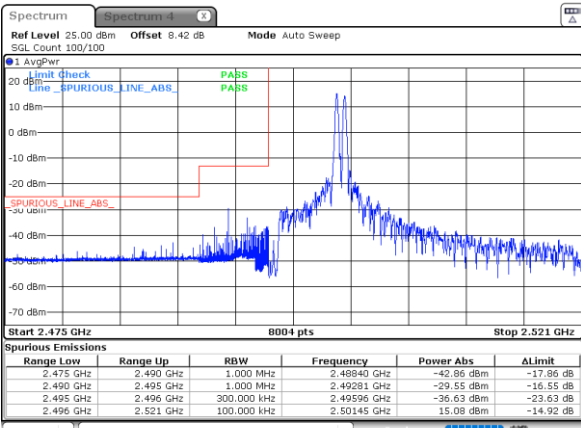


Date: 16.NOV.2023 14:29:45

Date: 16.NOV.2023 14:41:28

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

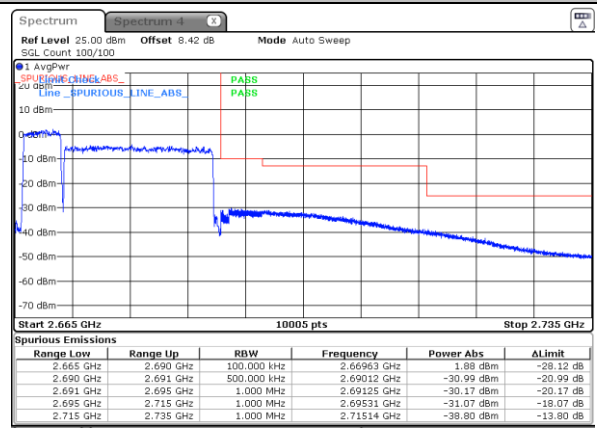
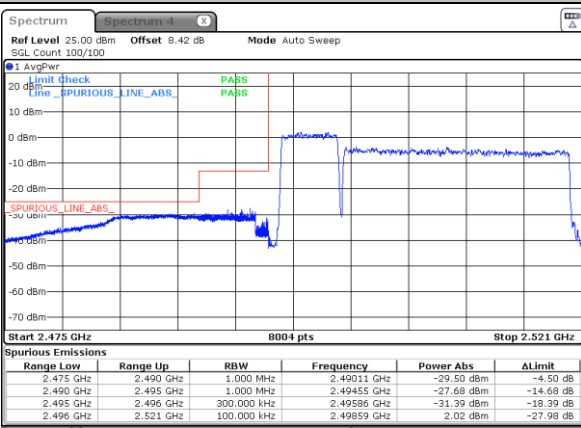


Date: 16.NOV.2023 14:26:53

Date: 16.NOV.2023 14:38:33

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.NOV.2023 14:32:37

Date: 16.NOV.2023 14:44:23

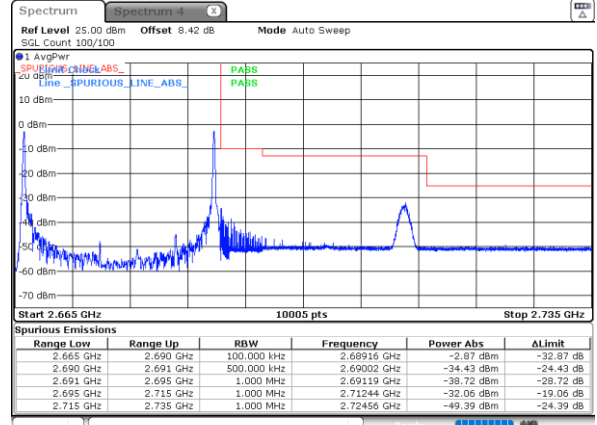
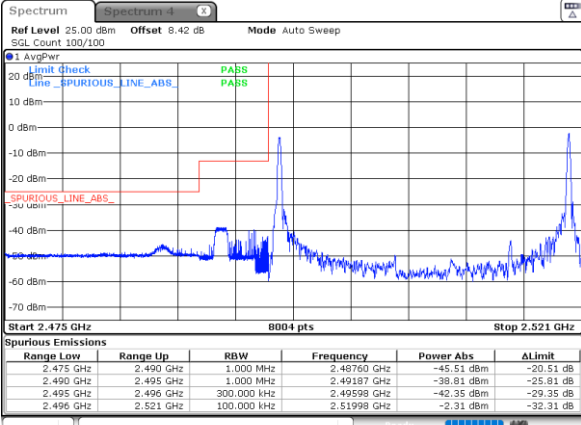


LTE Band 41C / 10MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

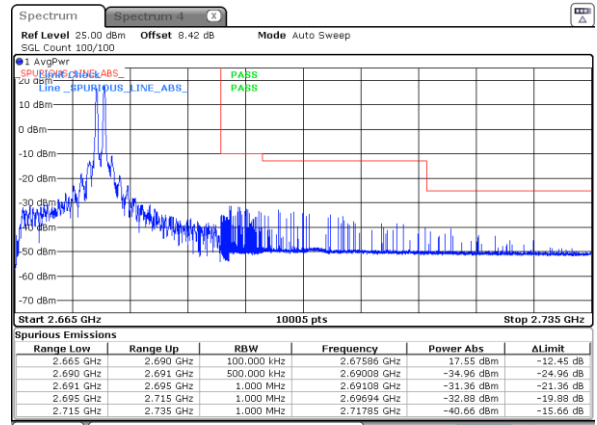
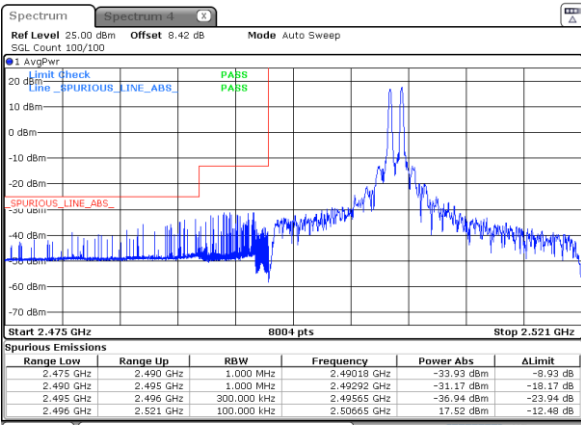


Date: 16.NOV.2023 14:49:45

Date: 16.NOV.2023 15:01:25

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

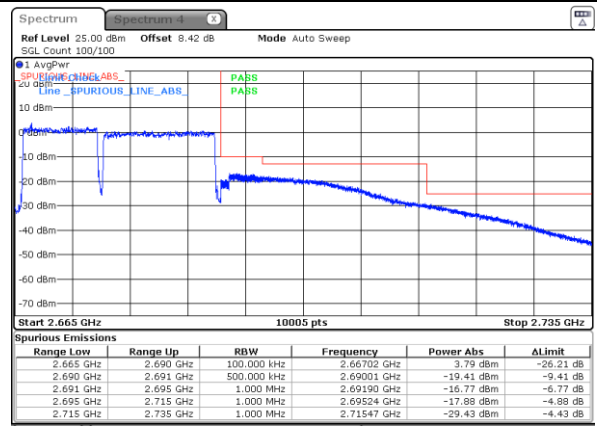
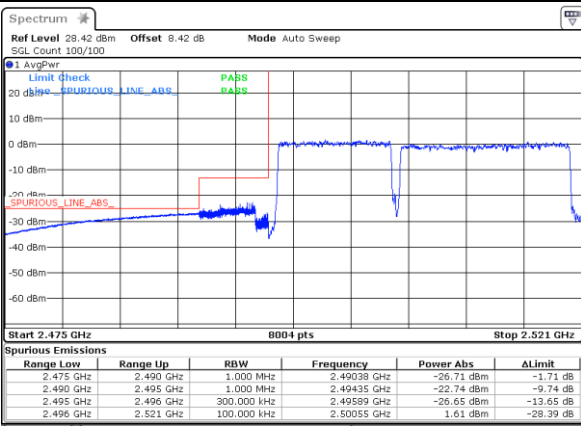


Date: 16.NOV.2023 14:46:53

Date: 16.NOV.2023 14:58:30

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.NOV.2023 19:50:00

Date: 16.NOV.2023 15:04:21



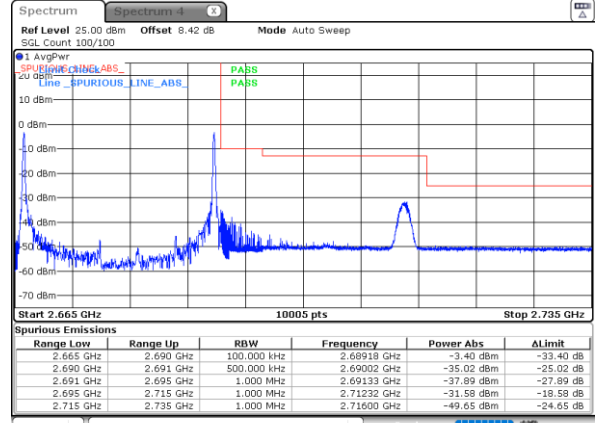
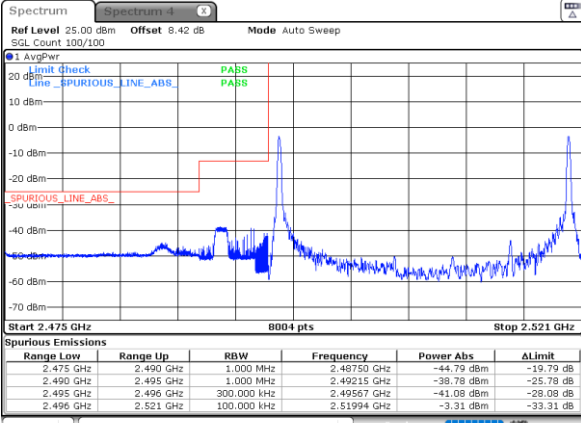


LTE Band 41C / 10MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

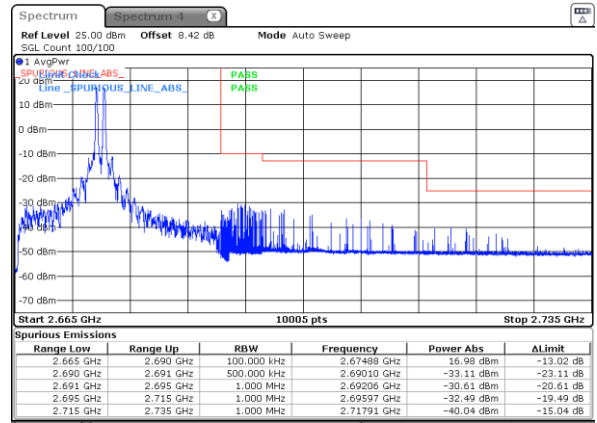
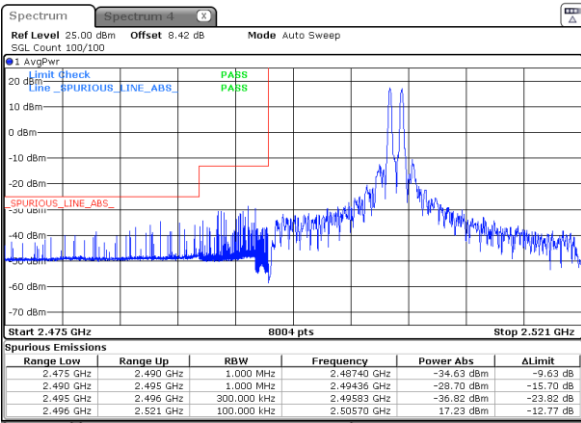


Date: 16.NOV.2023 14:50:42

Date: 16.NOV.2023 15:02:24

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

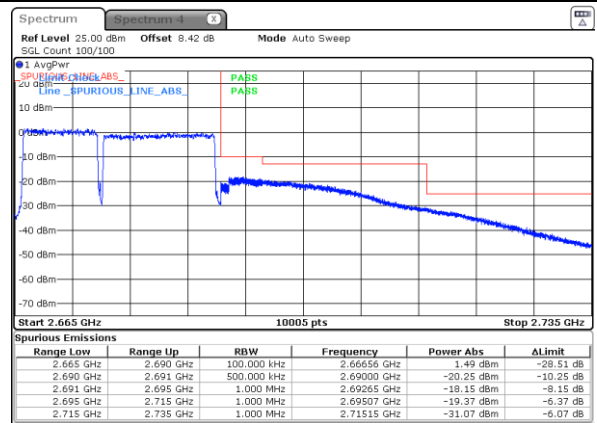
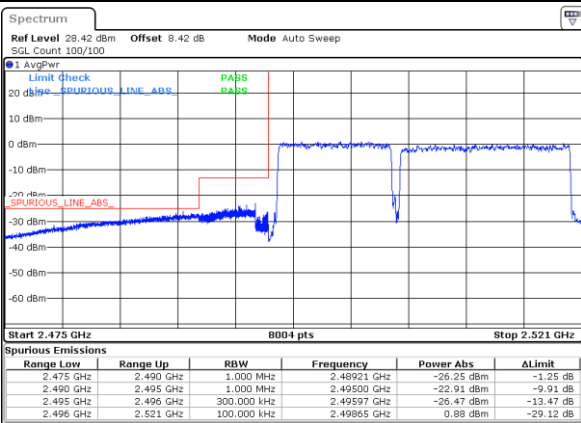


Date: 16.NOV.2023 14:47:50

Date: 16.NOV.2023 14:59:28

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.NOV.2023 19:50:48

Date: 16.NOV.2023 15:05:19

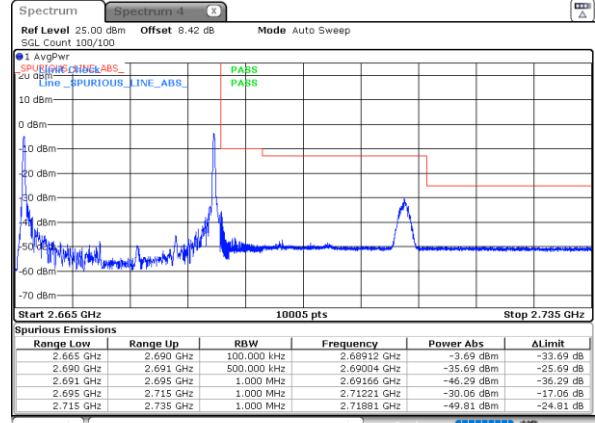
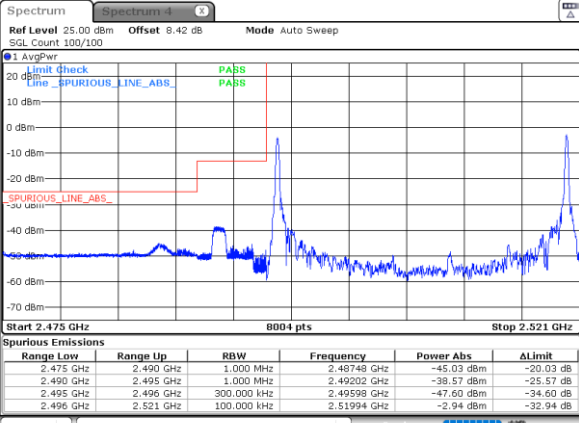


LTE Band 41C / 10MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

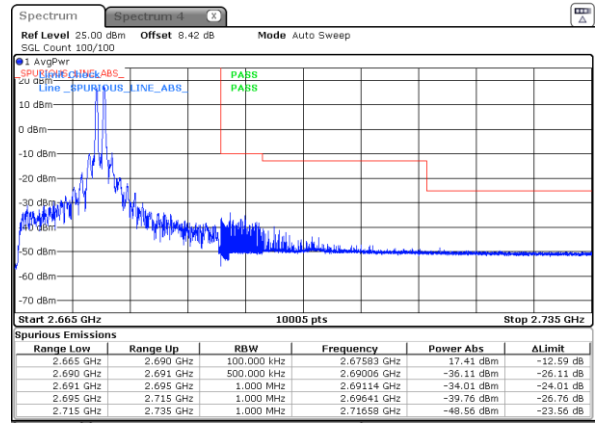
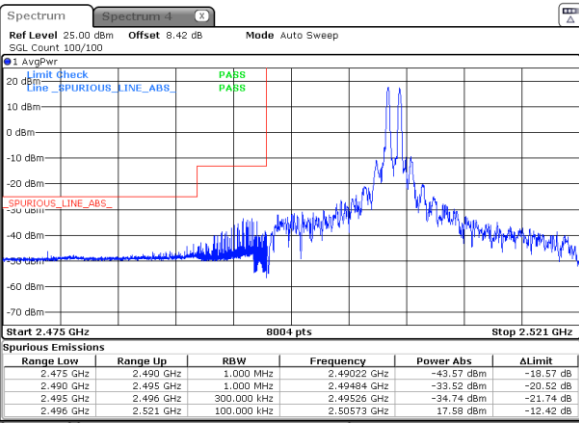


Date: 16,NOV,2023 14:51:39

Date: 16,NOV,2023 15:03:22

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

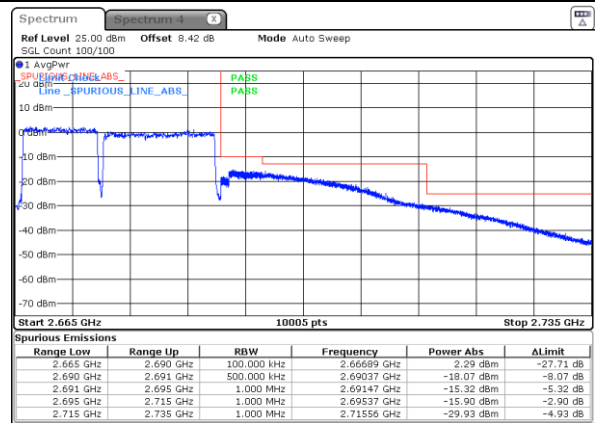
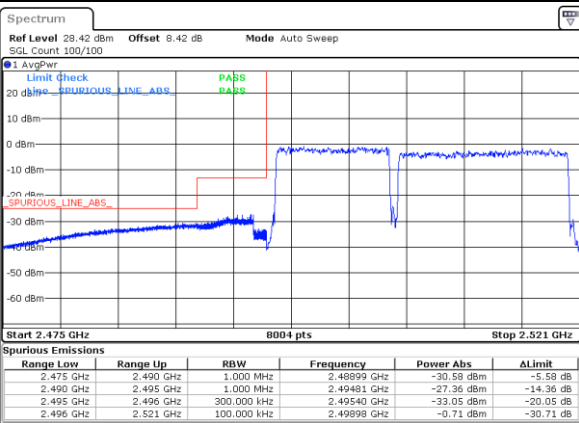


Date: 16,NOV,2023 14:48:47

Date: 16,NOV,2023 15:00:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27,NOV,2023 09:46:08

Date: 16,NOV,2023 15:06:18

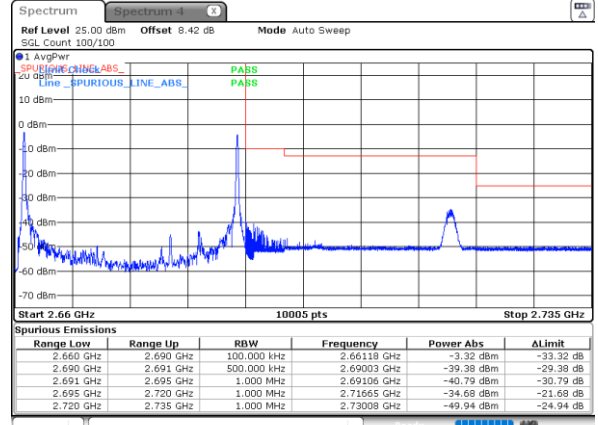
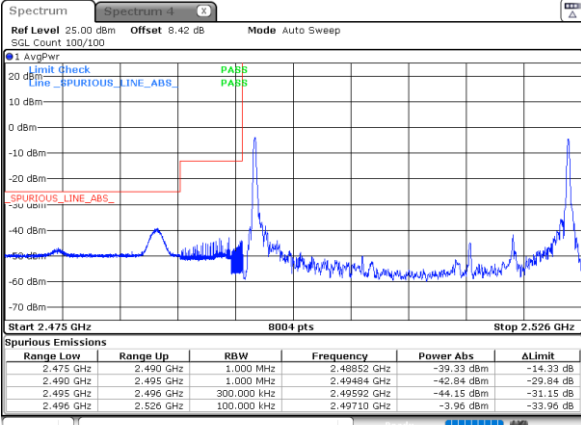


LTE Band 41C / 10MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

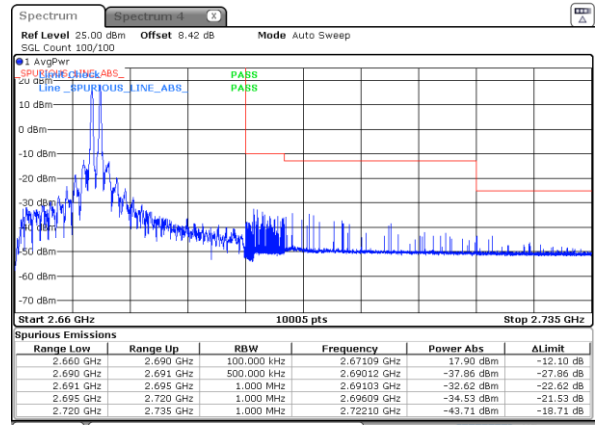
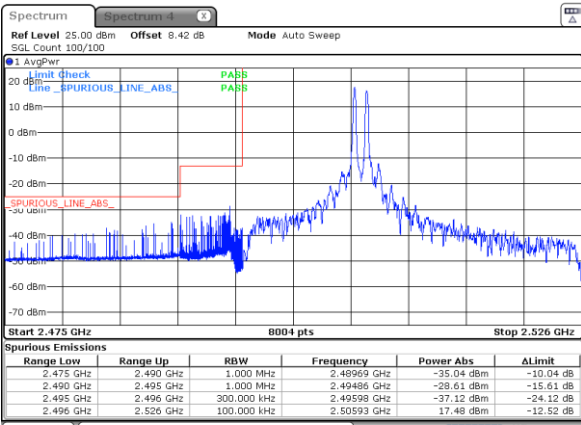


Date: 16.NOV.2023 15:11:43

Date: 16.NOV.2023 15:23:31

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

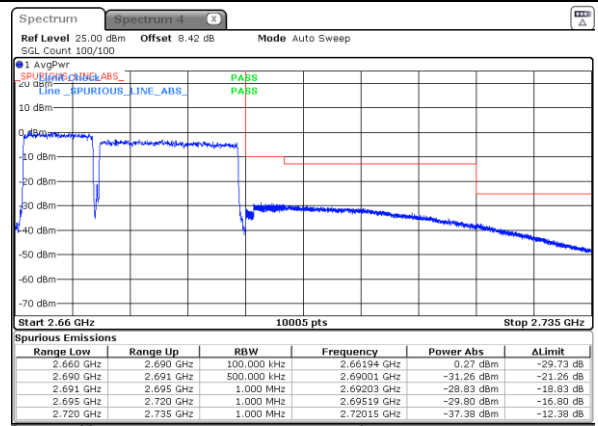
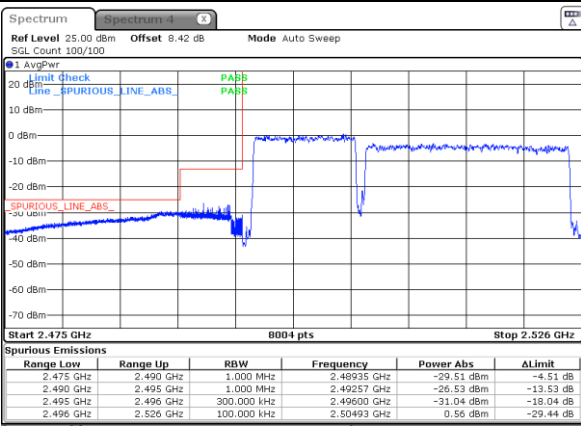


Date: 16.NOV.2023 15:08:46

Date: 16.NOV.2023 15:20:36

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.NOV.2023 15:14:39

Date: 16.NOV.2023 15:26:27

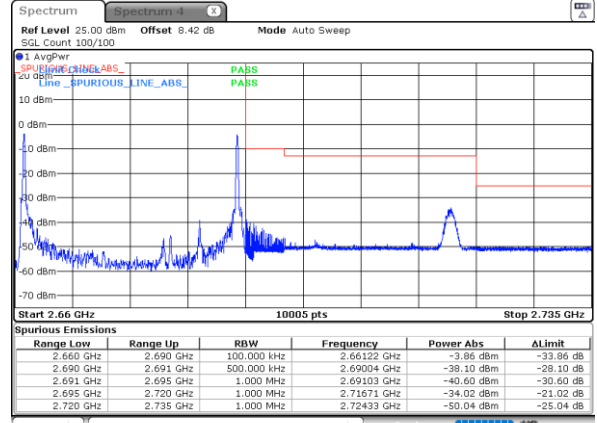
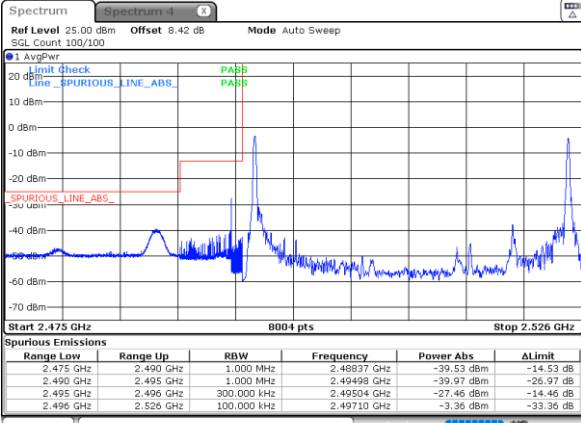


LTE Band 41C / 10MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

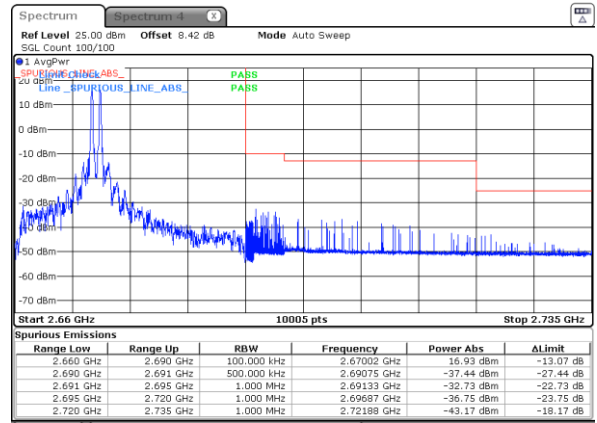
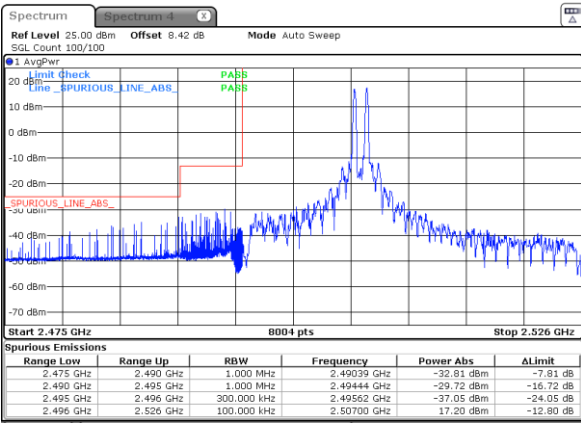


Date: 16.NOV.2023 15:12:41

Date: 16.NOV.2023 15:24:29

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

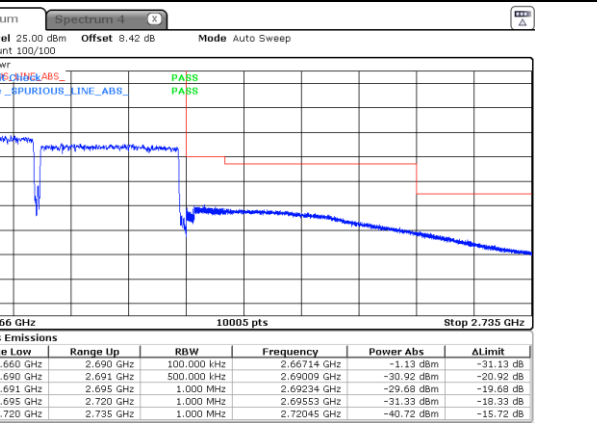
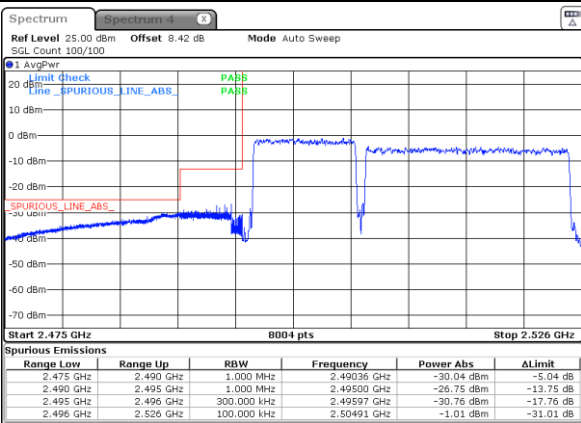


Date: 16.NOV.2023 15:09:45

Date: 16.NOV.2023 15:21:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.NOV.2023 15:15:18

Date: 16.NOV.2023 15:27:25

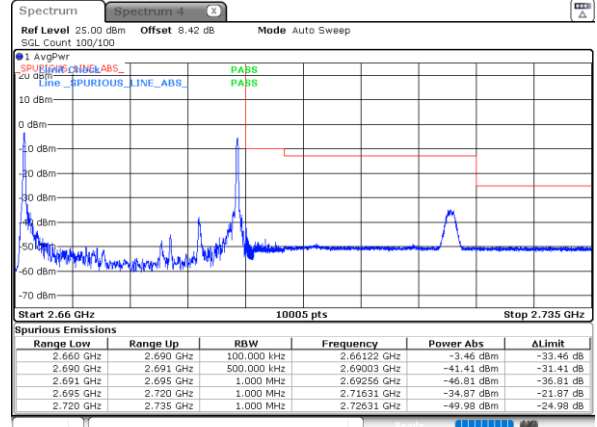
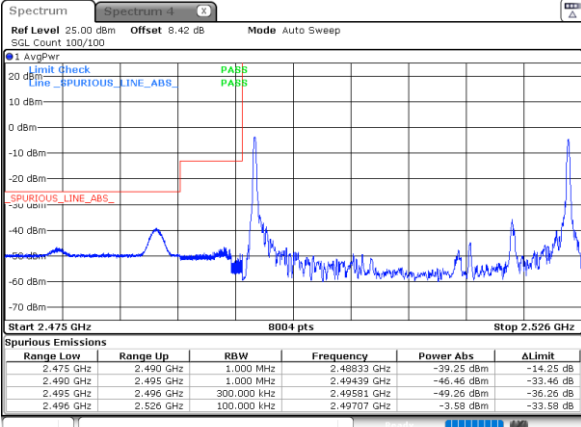


LTE Band 41C / 10MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

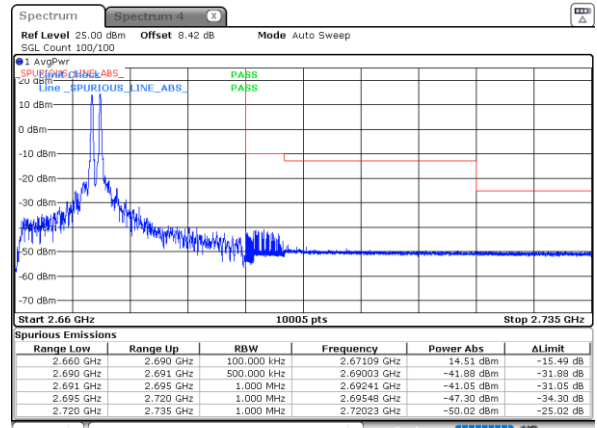
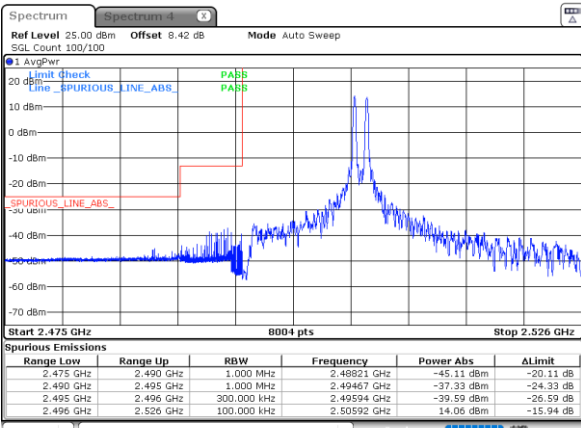


Date: 16.NOV.2023 15:13:40

Date: 16.NOV.2023 15:25:28

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

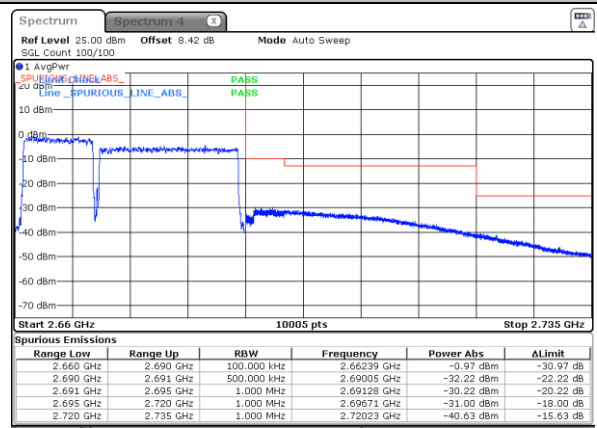
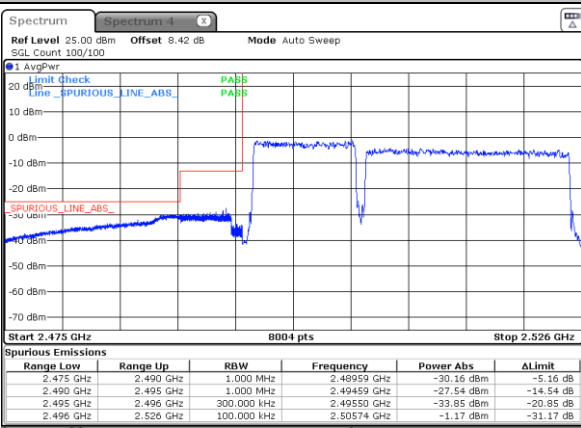


Date: 16.NOV.2023 15:10:44

Date: 16.NOV.2023 15:22:33

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.NOV.2023 15:16:37

Date: 16.NOV.2023 15:28:24

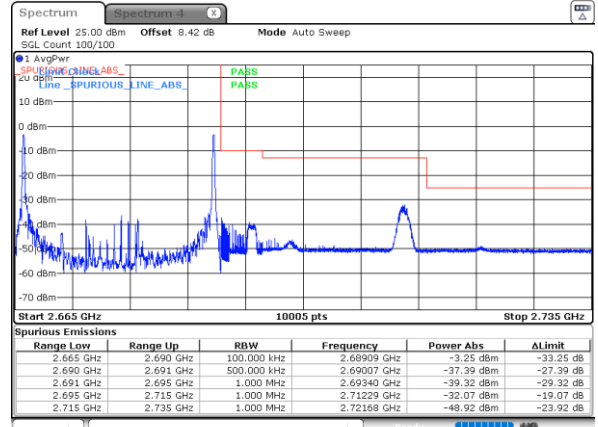
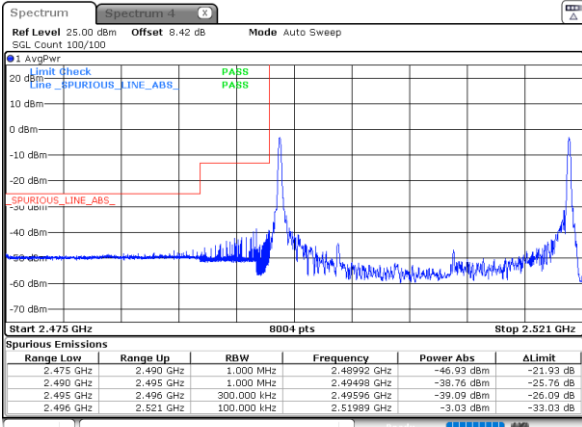


LTE Band 41C / 15MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

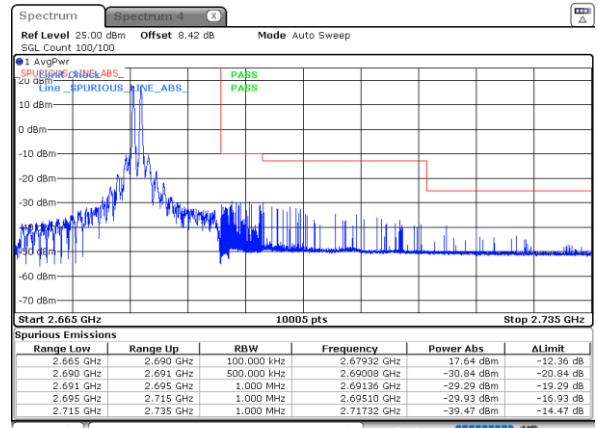
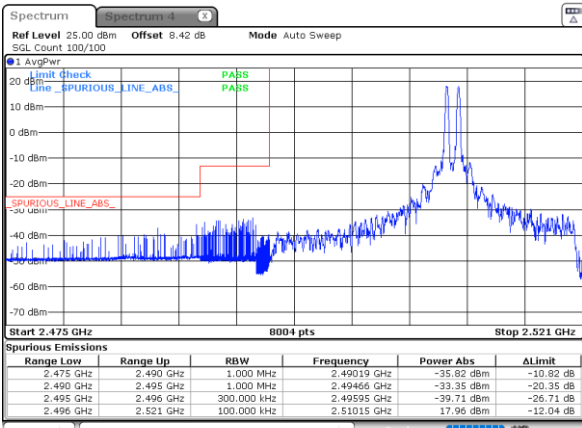


Date: 16.NOV.2023 15:33:45

Date: 16.NOV.2023 15:45:27

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

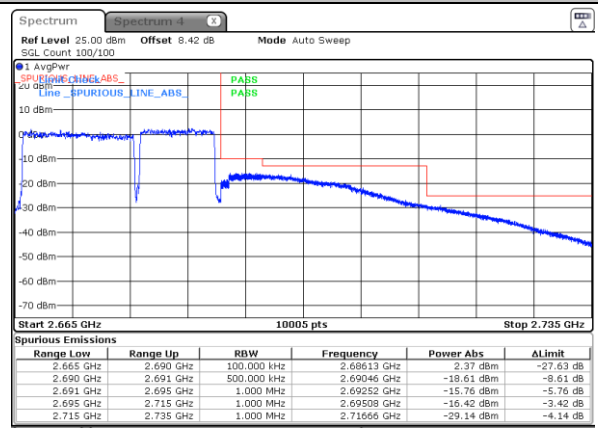
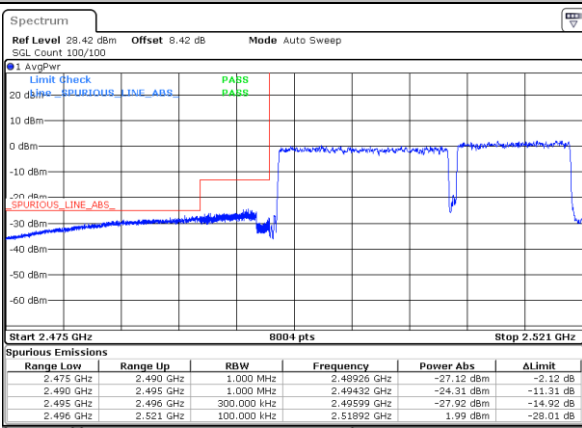


Date: 16.NOV.2023 15:30:53

Date: 16.NOV.2023 15:42:32

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.NOV.2023 20:17:06

Date: 16.NOV.2023 15:48:23

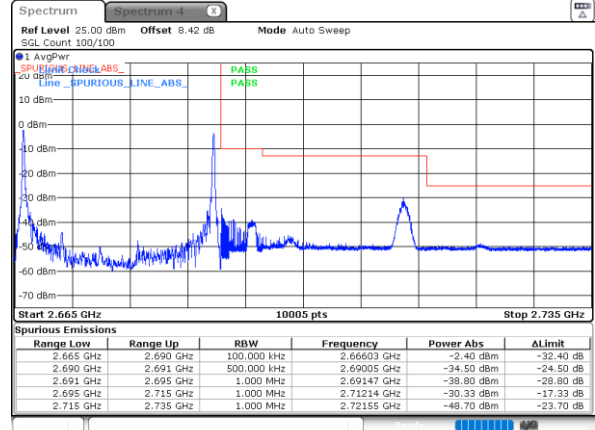
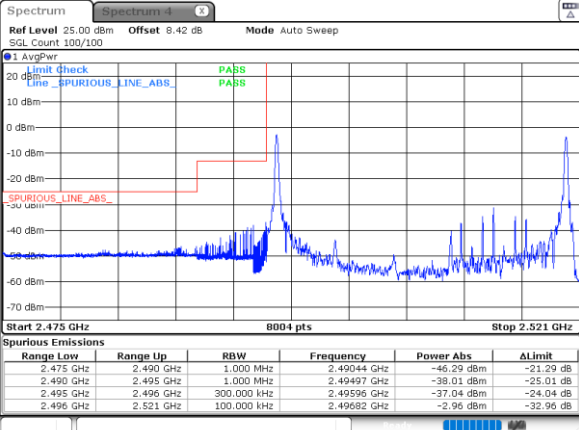


LTE Band 41C / 15MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

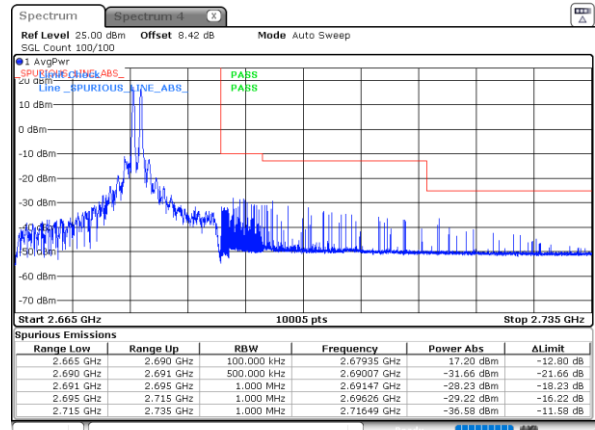
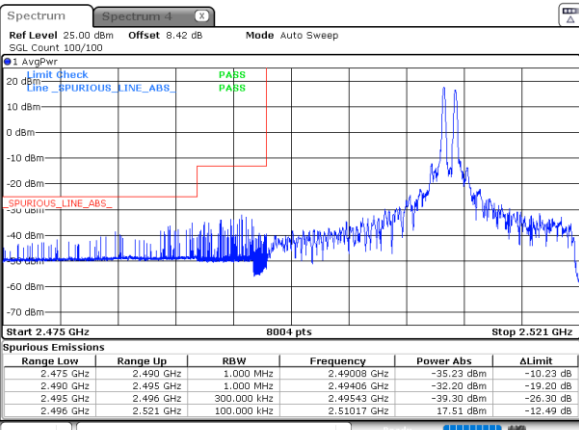


Date: 16.NOV.2023 15:34:42

Date: 16.NOV.2023 15:46:26

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

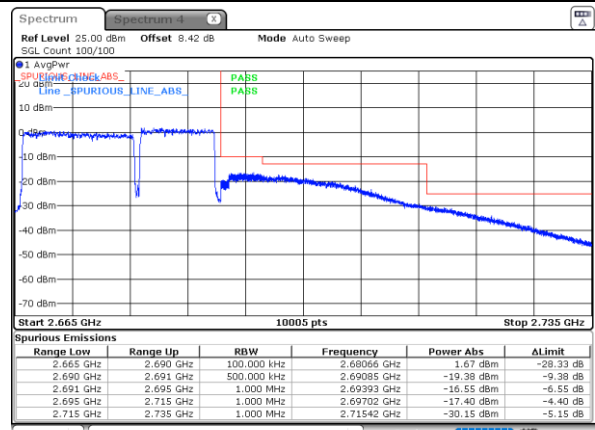
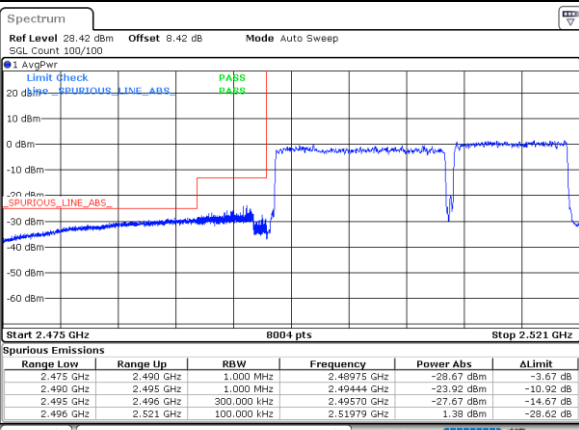


Date: 16.NOV.2023 15:31:50

Date: 16.NOV.2023 15:43:30

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.NOV.2023 20:18:05

Date: 16.NOV.2023 15:49:21



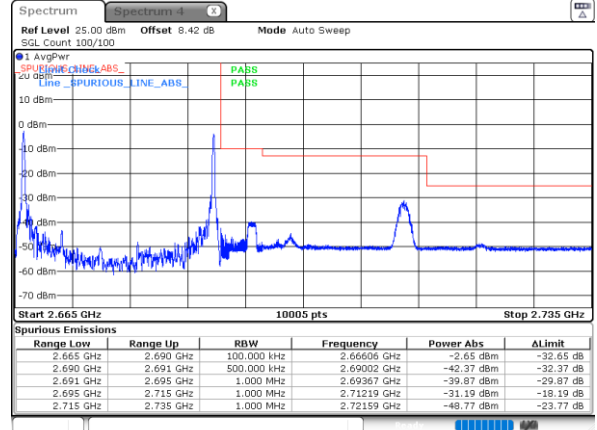
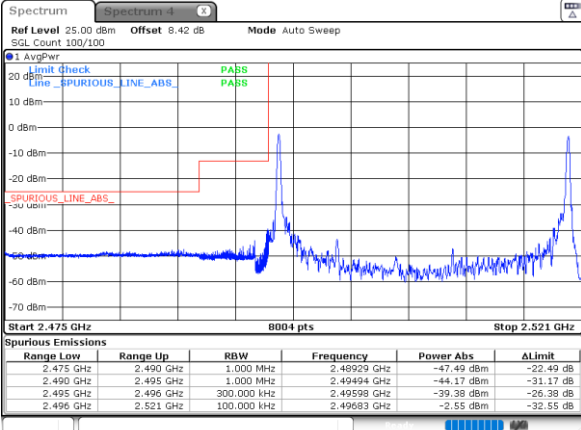


LTE Band 41C / 15MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

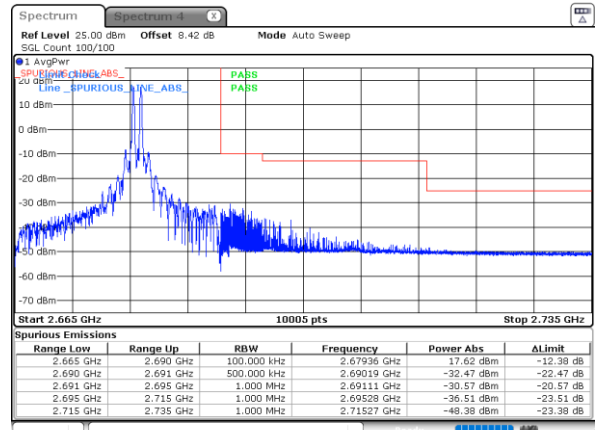
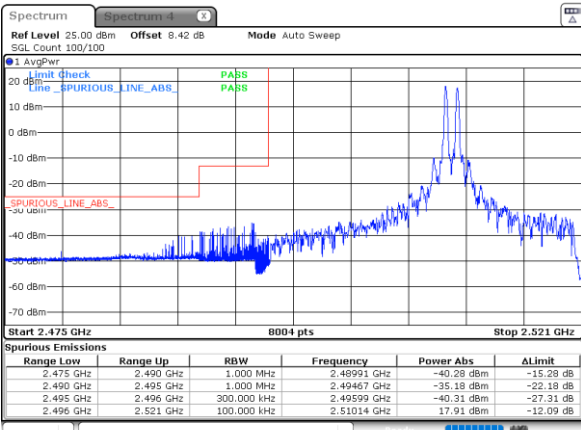


Date: 16.NOV.2023 15:35:40

Date: 16.NOV.2023 15:47:24

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

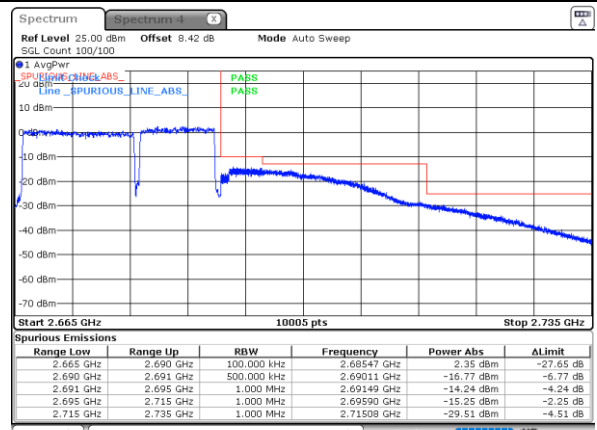
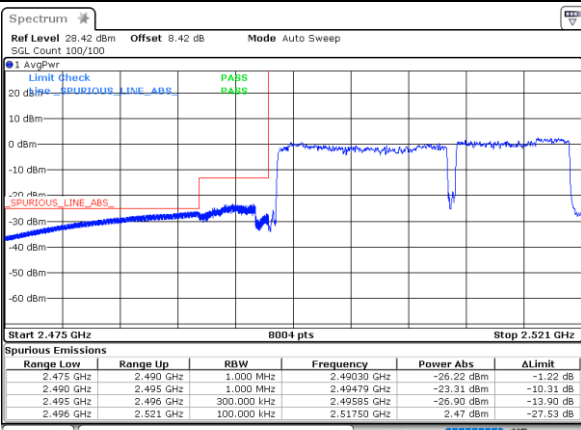


Date: 16.NOV.2023 15:32:48

Date: 16.NOV.2023 15:44:29

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.NOV.2023 20:20:14

Date: 16.NOV.2023 15:50:20