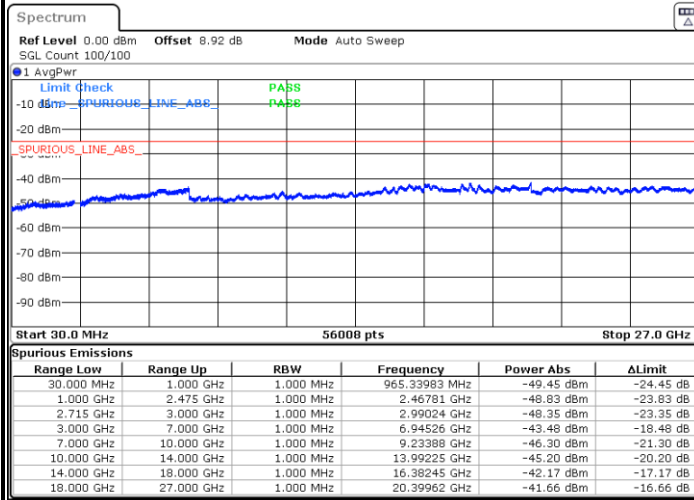




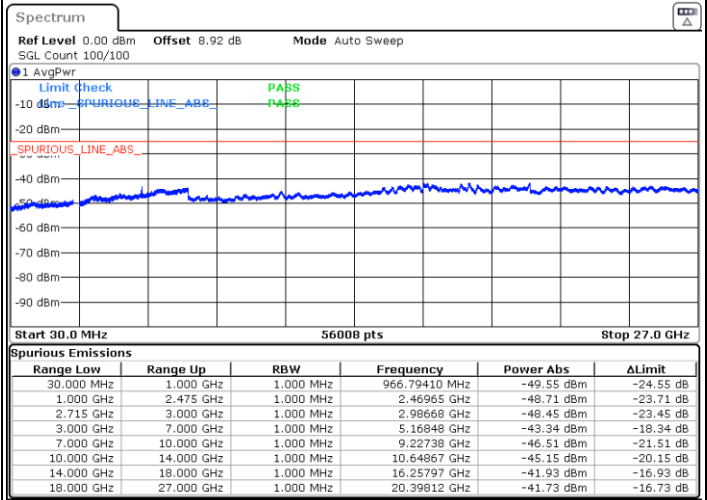
LTE Band 41 / 20MHz

Lowest Channel / QPSK



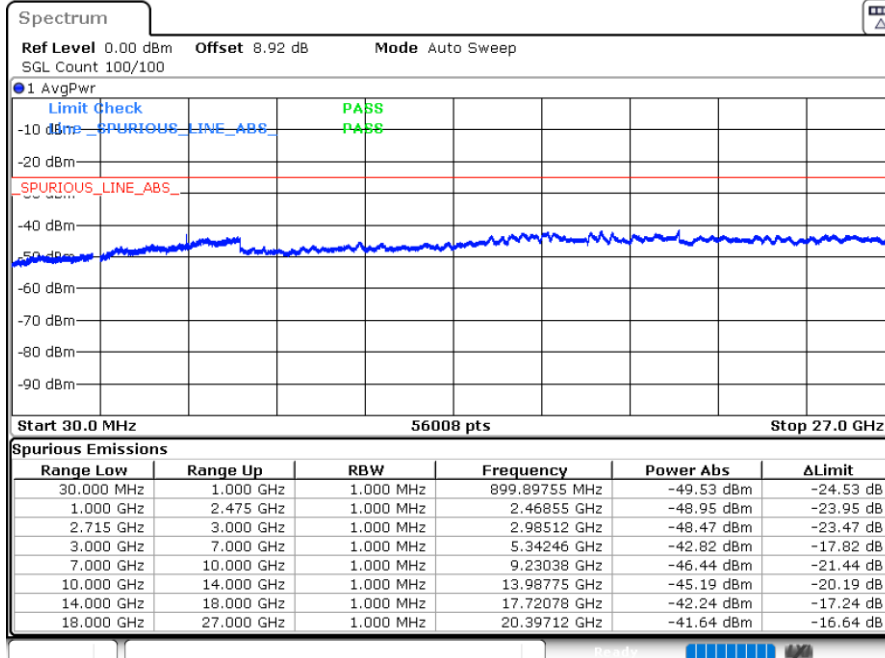
Date: 29.AUG.2024 19:43:20

Middle Channel / QPSK



Date: 29.AUG.2024 19:53:25

Highest Channel / QPSK



Date: 29.AUG.2024 19:54:50

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	0.0022	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0057	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0078	
20	Maximum Voltage	0.0072	
20	Normal Voltage	0.0061	
20	Battery End Point	0.0042	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.3V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41C

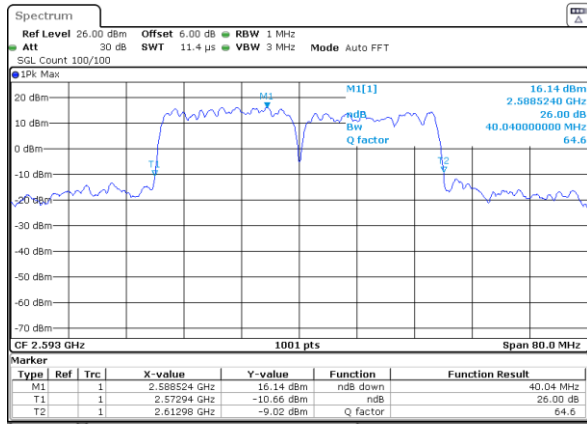
26dB Bandwidth

Mode	LTE Band 41-CA : 26dB BW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	40.04	40.04
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	35.25	35.04
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.03	30.03
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	25.03	24.93
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	35.04	34.97
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.69	30.69
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.32	25.18
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	30.33	30.03
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	25.13	25.18
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	24.93	24.83



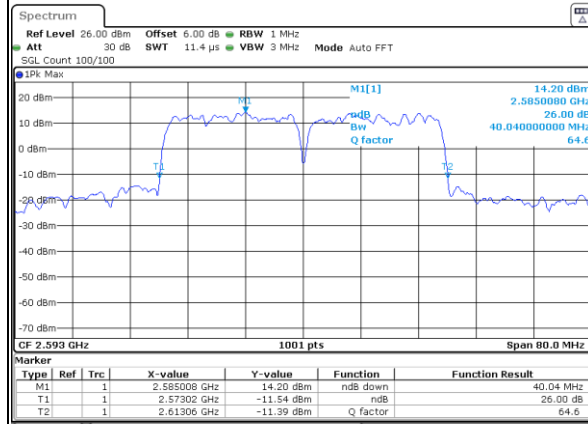
LTE Band 41

Middle Channel / 20MHz+20MHz / QPSK



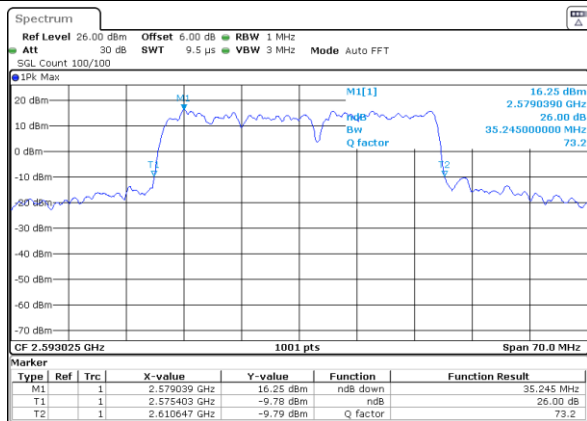
Date: 12.OCT.2024 02:30:35

Middle Channel / 20MHz+20MHz / 16QAM



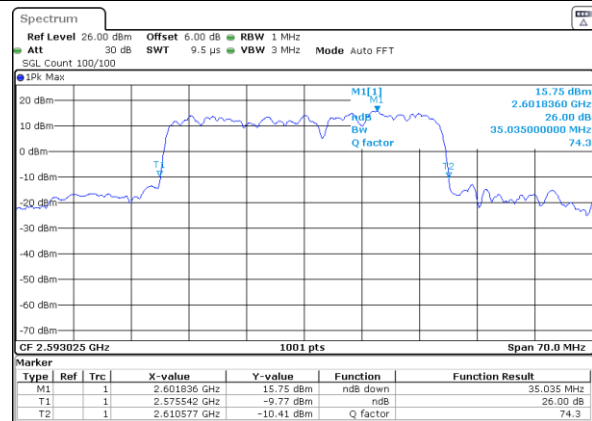
Date: 12.OCT.2024 02:30:07

Middle Channel / 20MHz+15MHz / QPSK



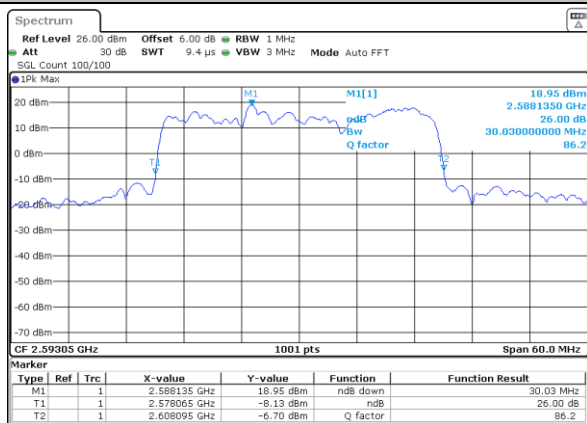
Date: 12.OCT.2024 02:28:10

Middle Channel / 20MHz+15MHz / 16QAM



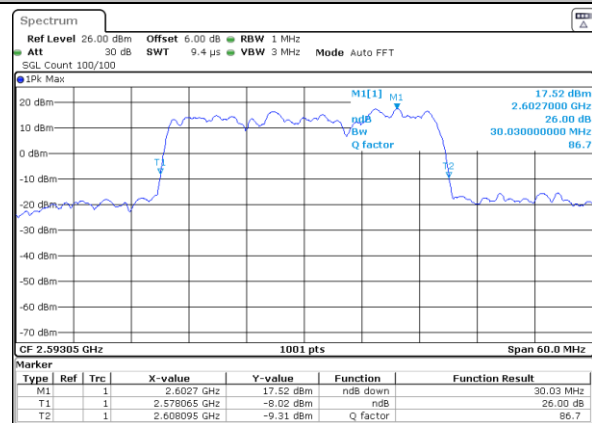
Date: 12.OCT.2024 02:28:38

Middle Channel / 20MHz+10MHz / QPSK



Date: 12.OCT.2024 02:19:36

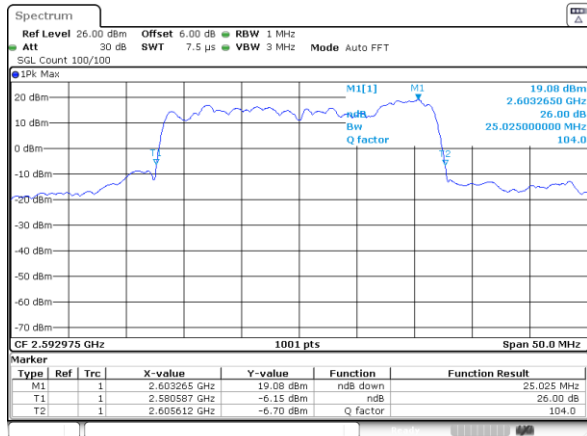
Middle Channel / 20MHz+10MHz / 16QAM



Date: 12.OCT.2024 02:19:08

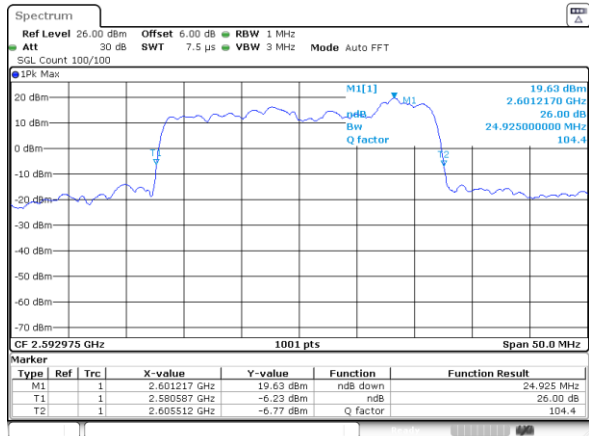


Middle Channel / 20MHz+5MHz / QPSK



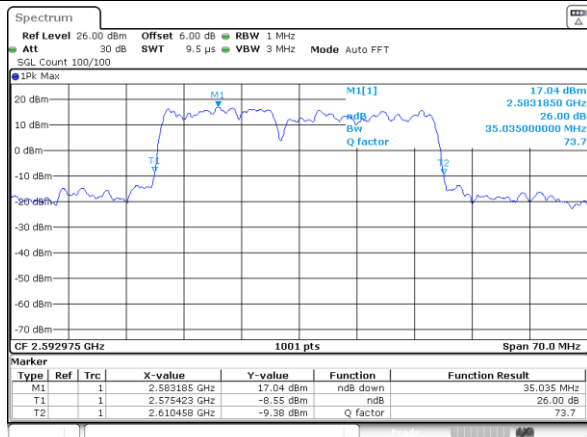
Date: 12.OCT.2024 01:59:58

Middle Channel / 20MHz+5MHz / 16QAM



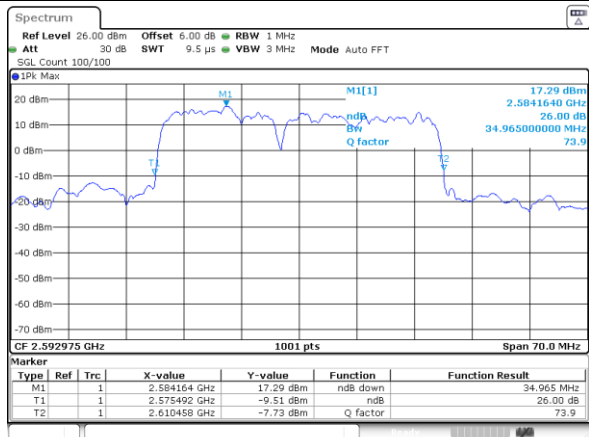
Date: 12.OCT.2024 01:59:30

Middle Channel / 15MHz+20MHz / QPSK



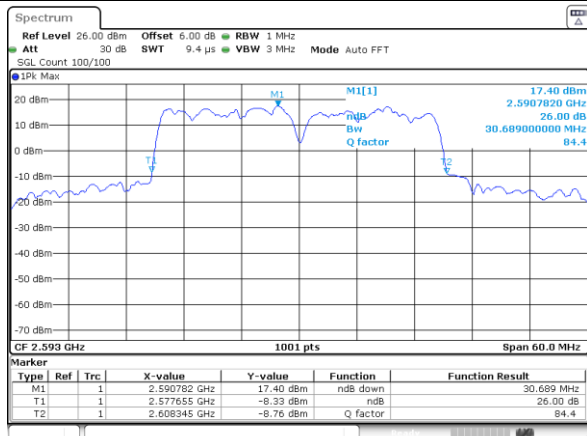
Date: 12.OCT.2024 02:25:18

Middle Channel / 15MHz+20MHz / 16QAM



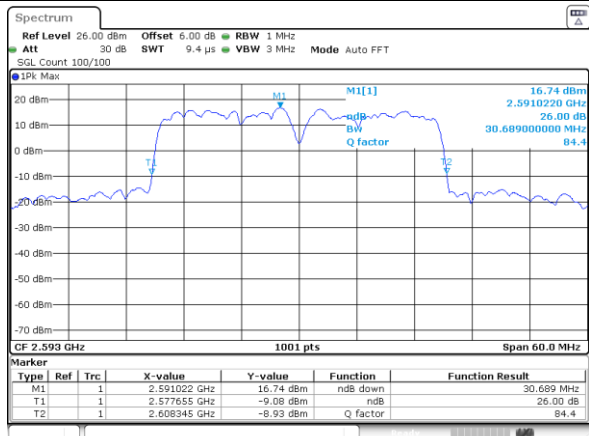
Date: 12.OCT.2024 02:24:51

Middle Channel / 15MHz+15MHz / QPSK



Date: 12.OCT.2024 02:22:54

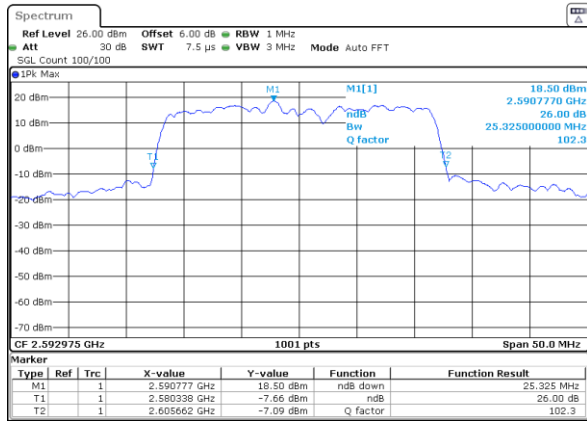
Middle Channel / 15MHz+15MHz / 16QAM



Date: 12.OCT.2024 02:23:21

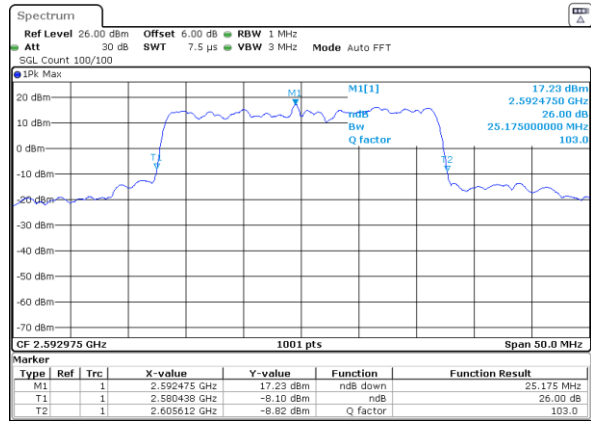


Middle Channel /15MHz+10MHz / QPSK



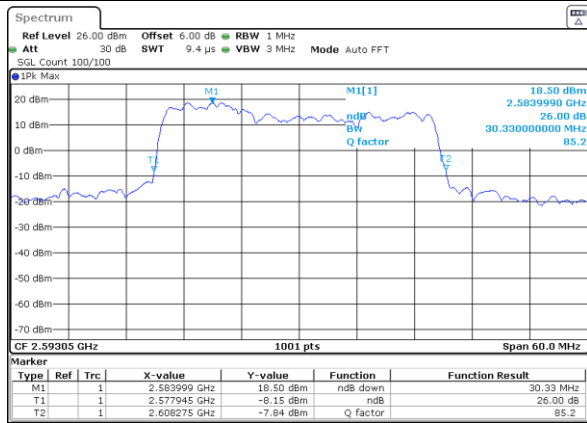
Date: 12.OCT.2024 02:09:40

Middle Channel / 15MHz+10MHz / 16QAM



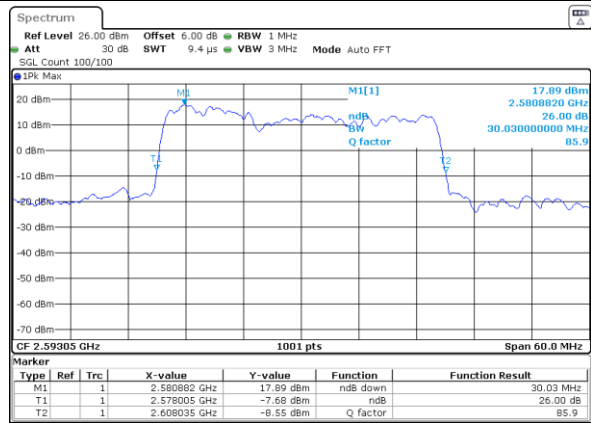
Date: 12.OCT.2024 02:09:12

Middle Channel / 10MHz+20MHz / QPSK



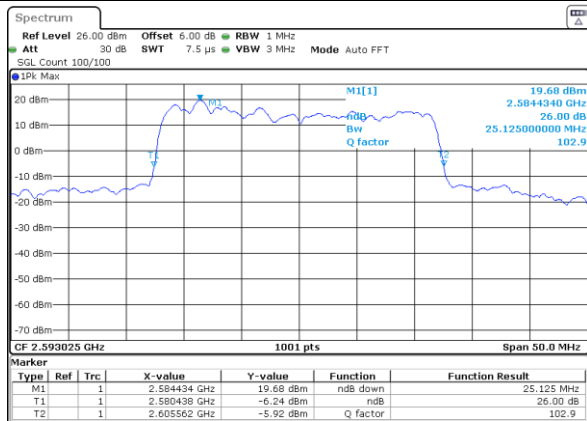
Date: 12.OCT.2024 02:14:01

Middle Channel / 10MHz+20MHz / 16QAM



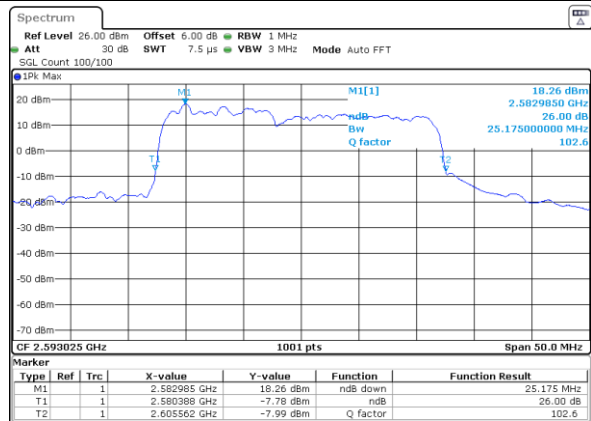
Date: 12.OCT.2024 02:14:29

Middle Channel / 10MHz+15MHz / QPSK



Date: 12.OCT.2024 02:06:42

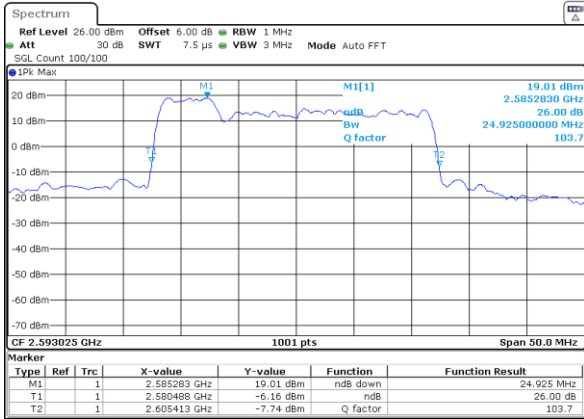
Middle Channel / 10MHz+15MHz / 16QAM



Date: 12.OCT.2024 02:07:10

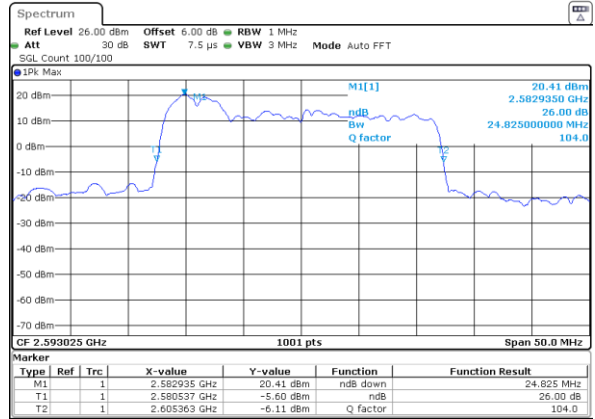


Middle Channel /5MHz+20MHz / QPSK



Date: 12.OCT.2024 01:57:32

Middle Channel / 5MHz+20MHz / 16QAM



Date: 12.OCT.2024 01:58:00

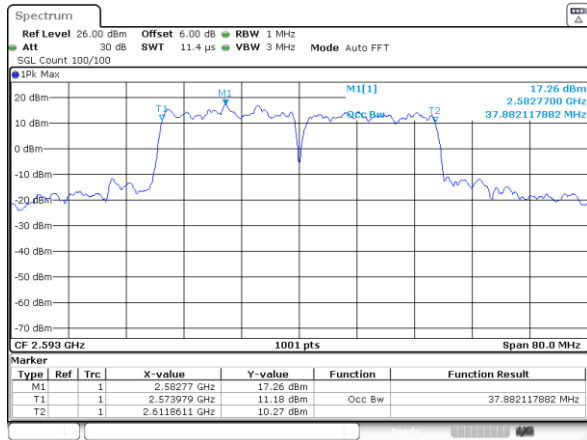
**Occupied Bandwidth**

Mode	LTE Band 41-CA : 99%OBW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.88	37.56
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	33.07	33.07
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.11	28.11
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	23.33	23.38
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	33.15	32.80
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.65	28.71
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.58	23.38
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	28.17	28.11
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	23.68	23.58
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	23.38	23.38



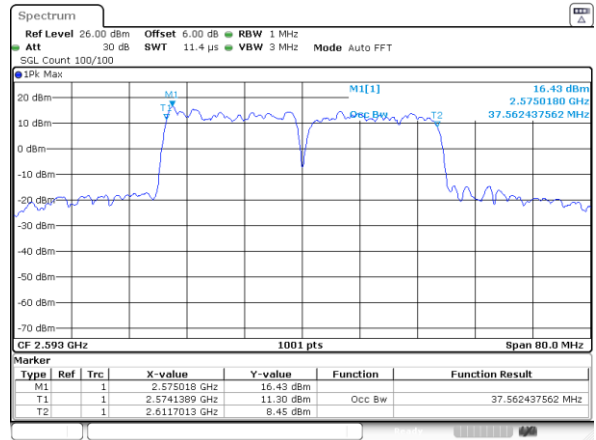
LTE Band 41

Middle Channel / 20MHz+20MHz / QPSK



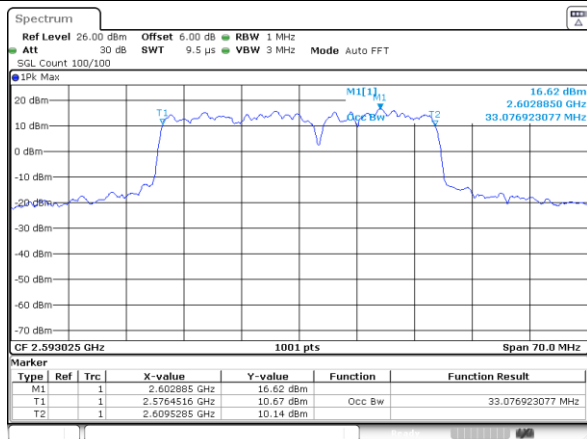
Date: 12.OCT.2024 02:31:03

Middle Channel / 20MHz+20MHz / 16QAM



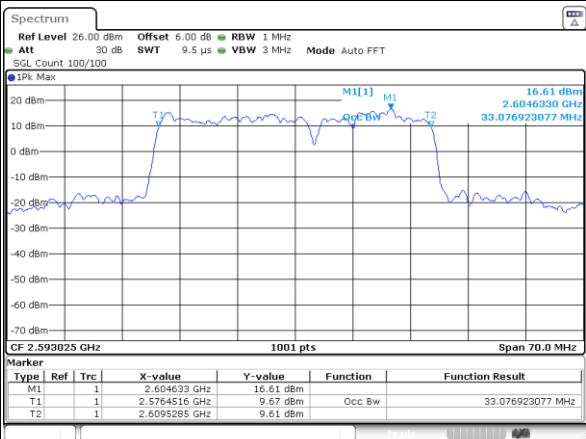
Date: 12.OCT.2024 02:12:140

Middle Channel / 20MHz+15MHz / QPSK



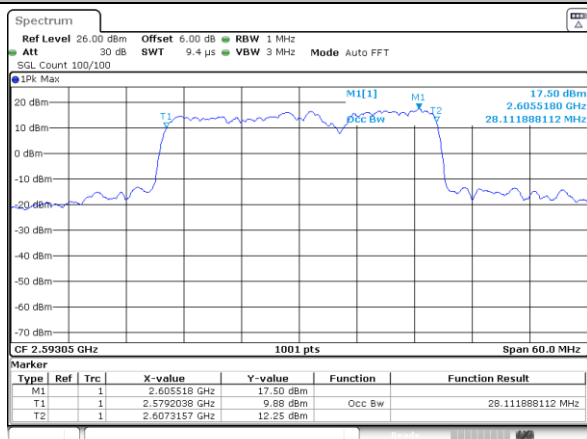
Date: 12.OCT.2024 02:27:43

Middle Channel / 20MHz+15MHz / 16QAM



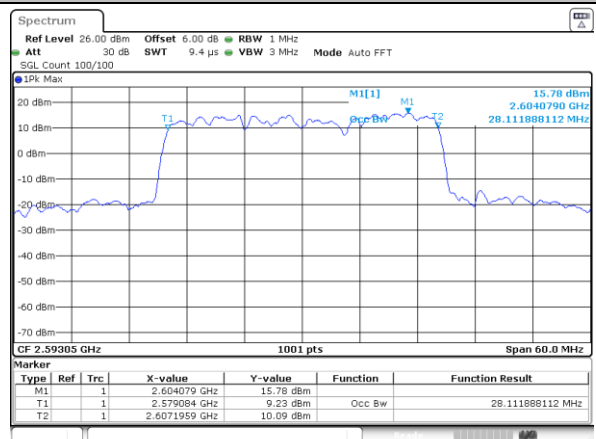
Date: 12.OCT.2024 02:29:05

Middle Channel / 20MHz+10MHz / QPSK



Date: 12.OCT.2024 02:20:04

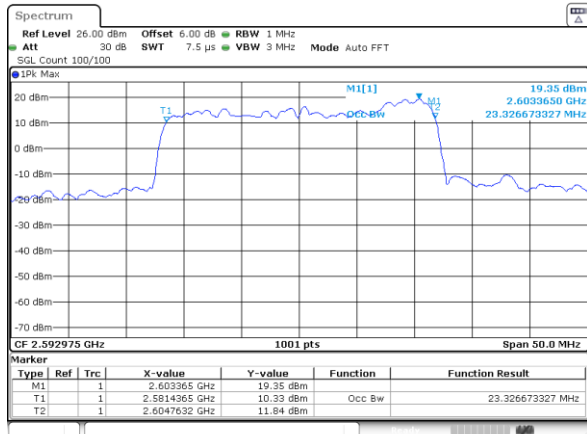
Middle Channel / 20MHz+10MHz / 16QAM



Date: 12.OCT.2024 02:18:41

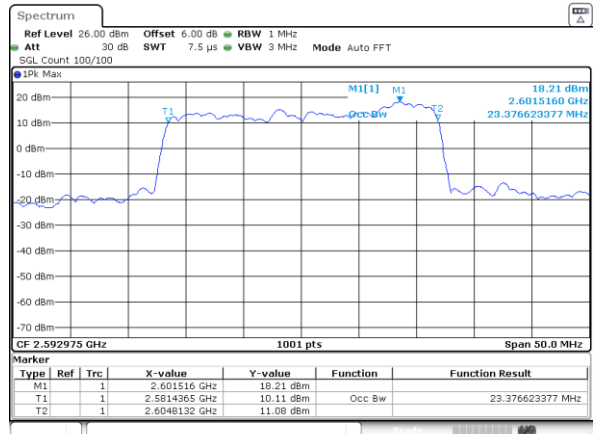


Middle Channel / 20MHz+5MHz / QPSK



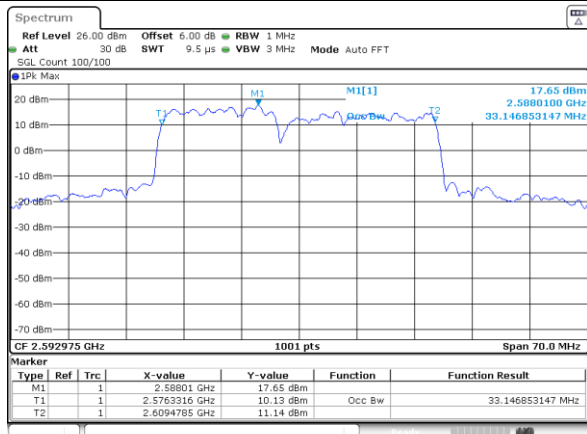
Date: 12.OCT.2024 02:00:25

Middle Channel / 20MHz+5MHz / 16QAM



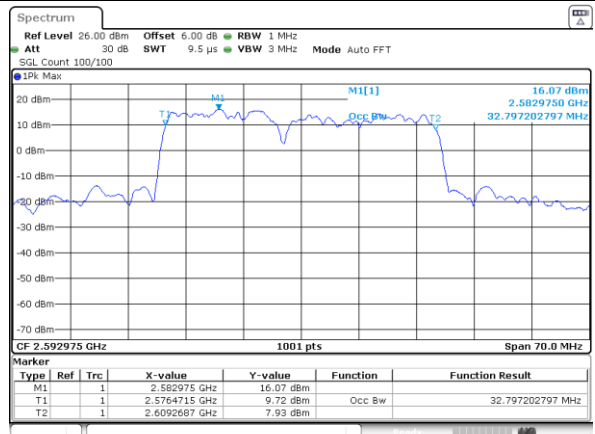
Date: 12.OCT.2024 01:59:02

Middle Channel / 15MHz+20MHz / QPSK



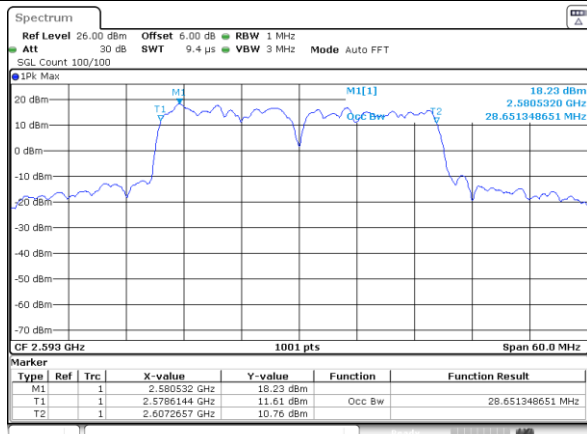
Date: 12.OCT.2024 02:25:46

Middle Channel /15MHz+20MHz / 16QAM



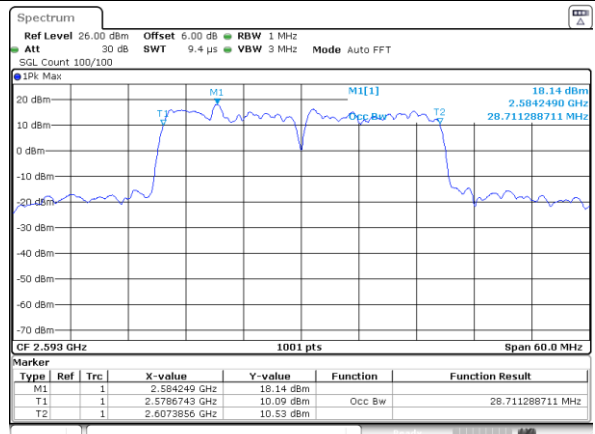
Date: 12.OCT.2024 02:24:23

Middle Channel / 15MHz+15MHz / QPSK



Date: 12.OCT.2024 02:22:26

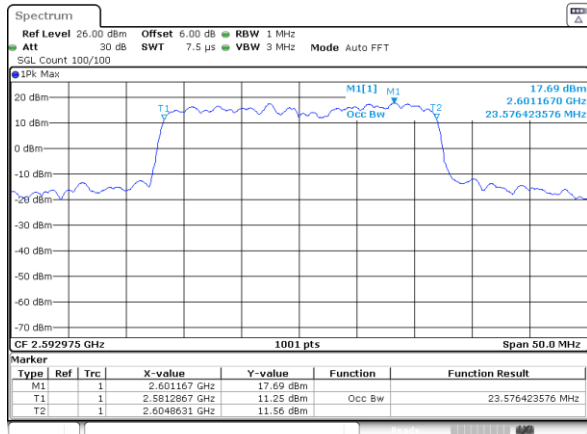
Middle Channel /15MHz+15MHz / 16QAM



Date: 12.OCT.2024 02:23:49

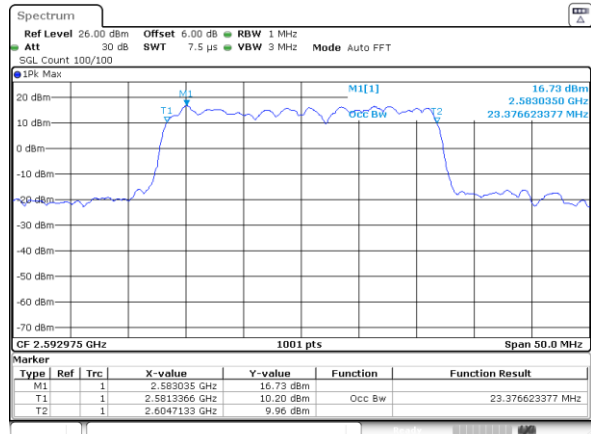


Middle Channel / 15MHz+10MHz / QPSK



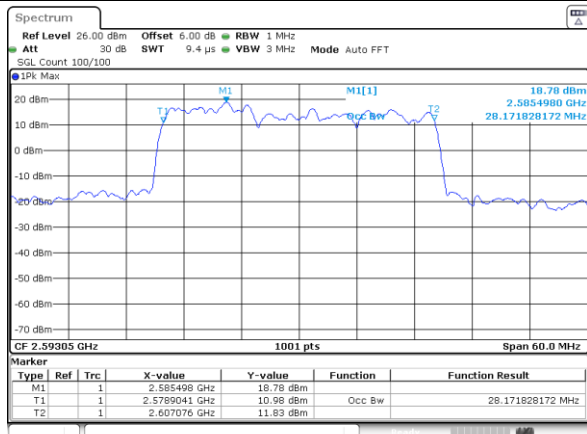
Date: 12.OCT.2024 02:10:08

Middle Channel / 15MHz+10MHz / 16QAM



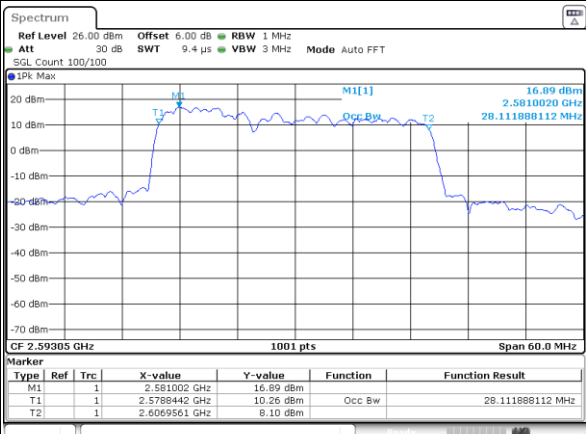
Date: 12.OCT.2024 02:10:45

Middle Channel / 10MHz+20MHz / QPSK



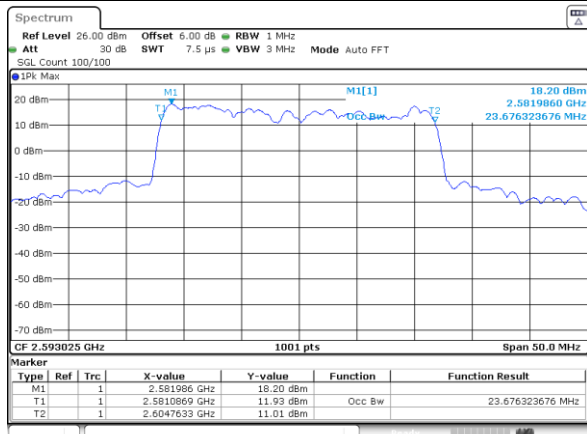
Date: 12.OCT.2024 02:13:33

Middle Channel / 10MHz+20MHz / 16QAM



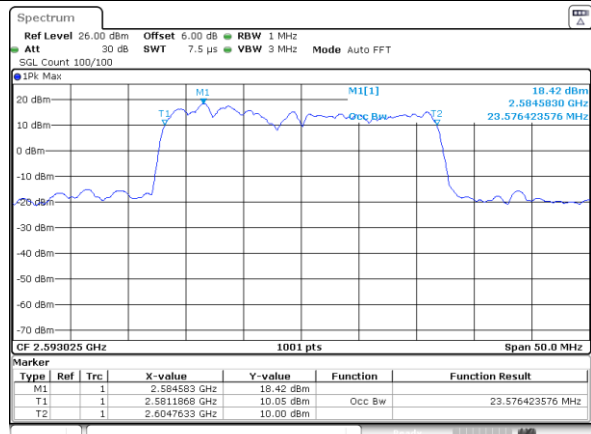
Date: 12.OCT.2024 02:14:56

Middle Channel / 10MHz+15MHz / QPSK



Date: 12.OCT.2024 02:16:15

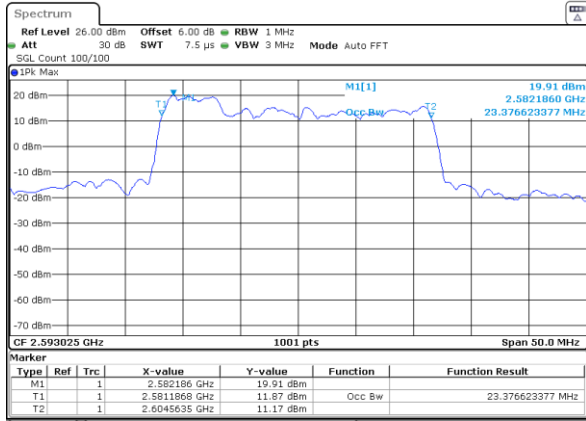
Middle Channel / 10MHz+15MHz / 16QAM



Date: 12.OCT.2024 02:17:38

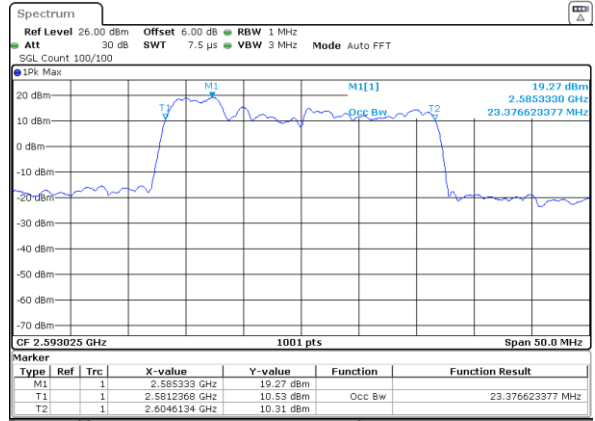


Middle Channel / 5MHz+20MHz / QPSK



Date: 12.OCT.2024 01:57:05

Middle Channel / 5MHz+20MHz / 16QAM



Date: 12.OCT.2024 01:58:27

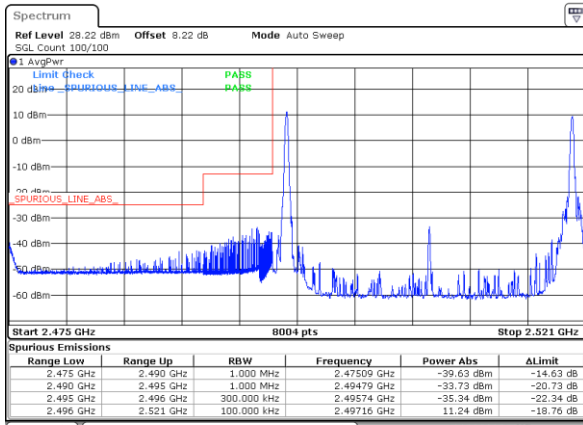


Conducted Band Edge

LTE Band 41C / 5MHz+20MHz

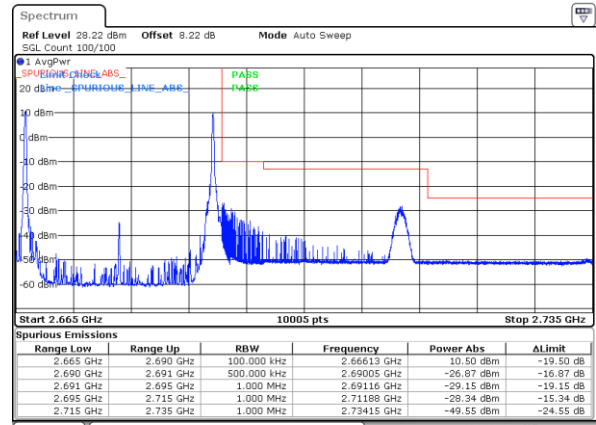
QPSK

Lowest Band Edge / 1RB0 and 1RB99



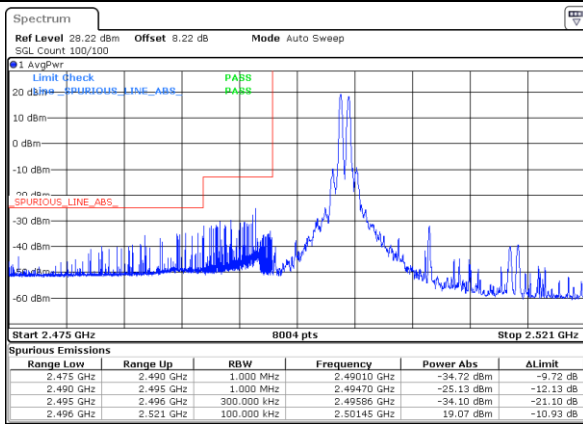
Date: 11.OCT.2024 17:14:37

Highest Band Edge / 1RB0 and 1RB99



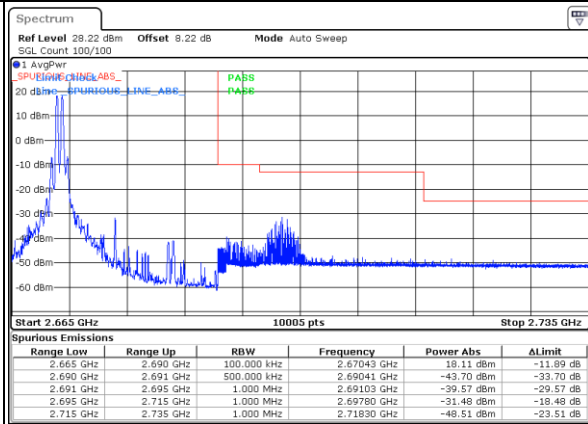
Date: 11.OCT.2024 17:33:08

Lowest Band Edge / 1RB24 and 1RB0



Date: 11.OCT.2024 17:10:35

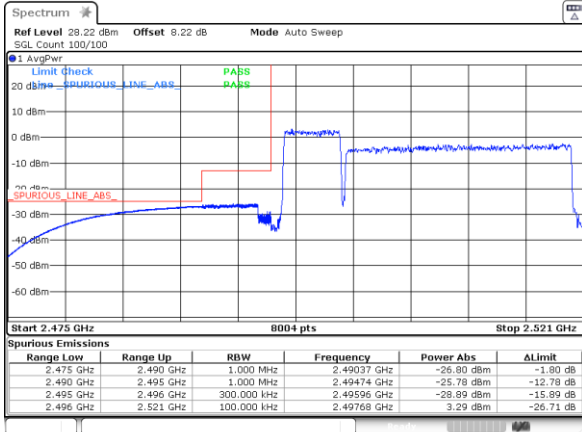
Highest Band Edge / 1RB24 and 1RB0



Date: 11.OCT.2024 17:29:07

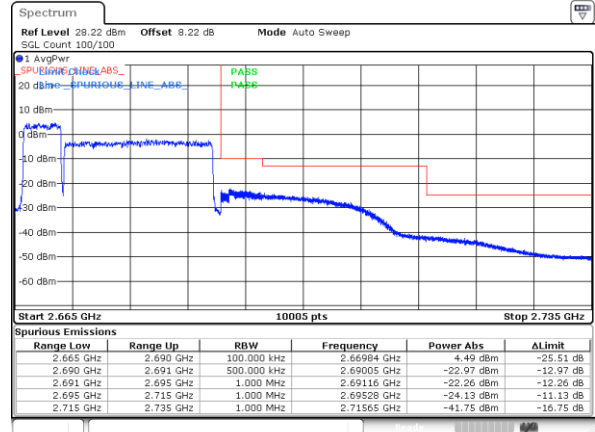


Lowest Band Edge / Full RB



Date: 12.OCT.2024 18:50:30

Highest Band Edge / Full RB



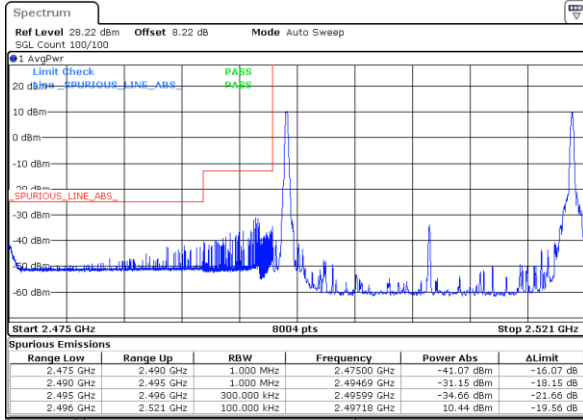
Date: 11.OCT.2024 17:36:29



LTE Band 41C / 5MHz+20MHz

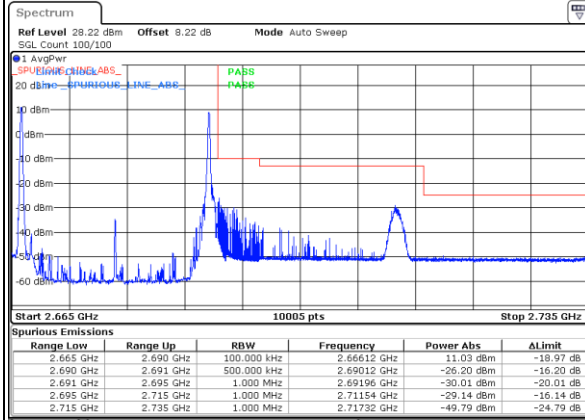
16QAM

Lowest Band Edge / 1RB0 and 1RB99



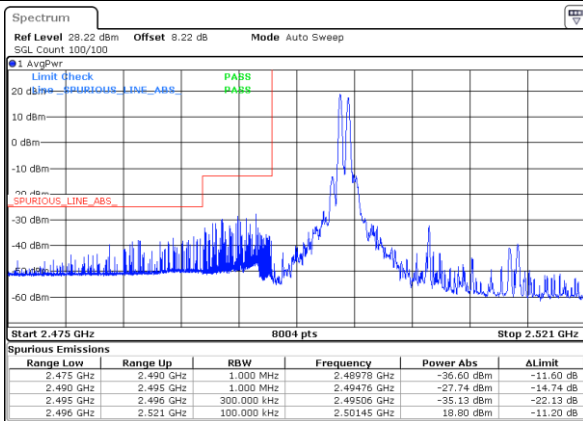
Date: 11.OCT.2024 17:15:27

Highest Band Edge / 1RB0 and 1RB99



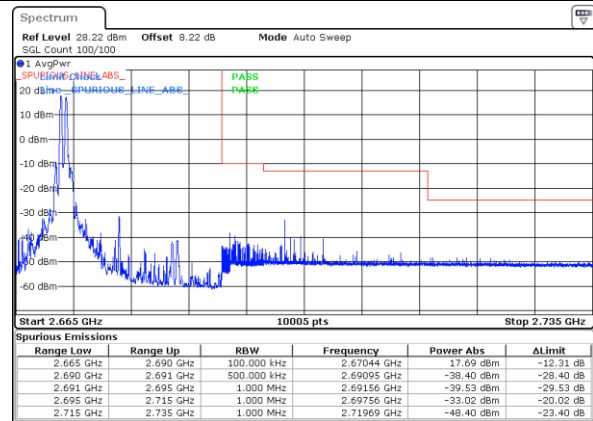
Date: 11.OCT.2024 17:33:58

Lowest Band Edge / 1RB24 and 1RB0



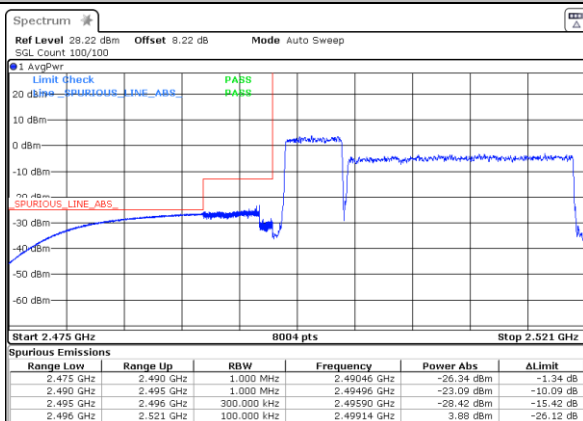
Date: 11.OCT.2024 17:11:24

Highest Band Edge / 1RB24 and 1RB0



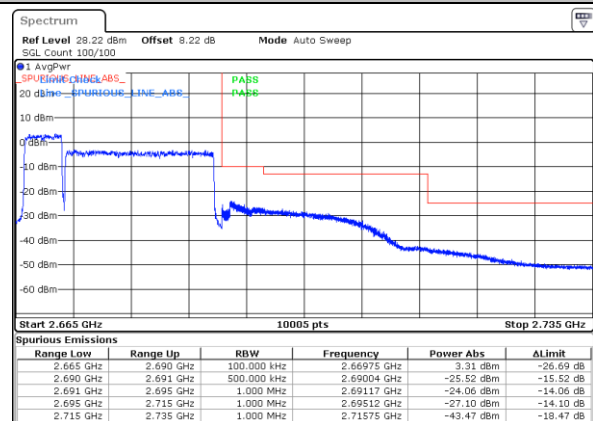
Date: 11.OCT.2024 17:29:56

Lowest Band Edge / Full RB



Date: 11.OCT.2024 23:08:18

Highest Band Edge / Full RB



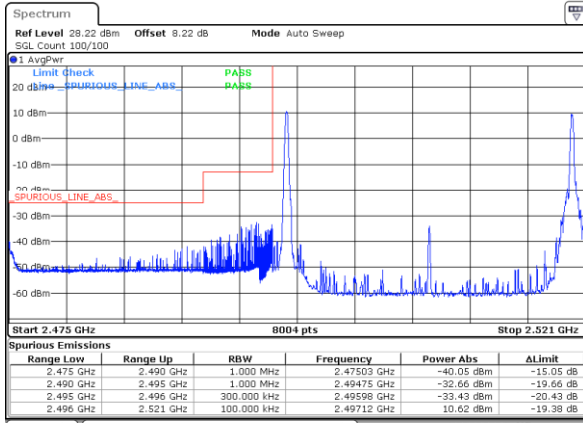
Date: 11.OCT.2024 17:37:18



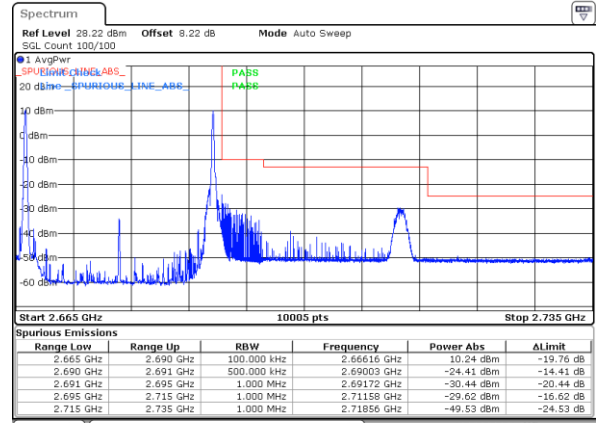
LTE Band 41C / 5MHz+20MHz

64QAM

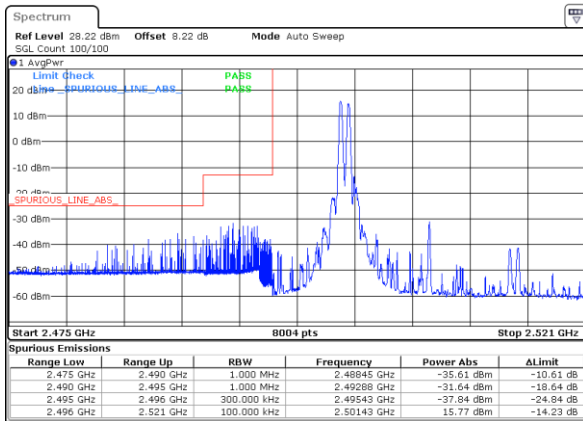
Lowest Band Edge / 1RB0 and 1RB99



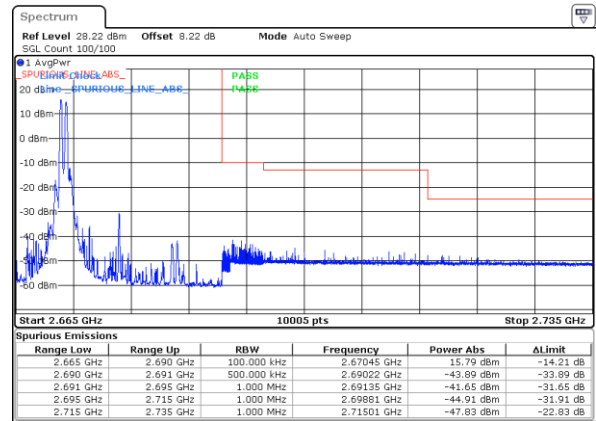
Highest Band Edge / 1RB0 and 1RB99



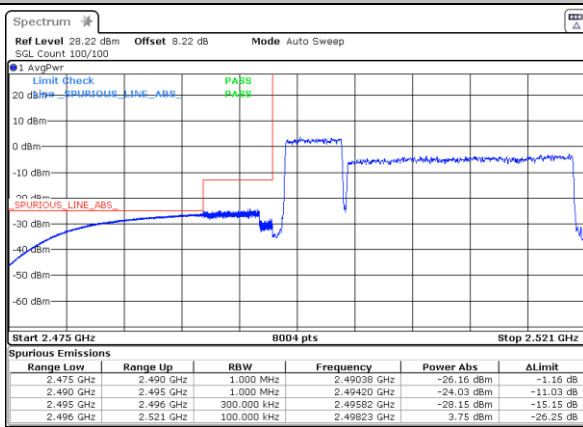
Lowest Band Edge / 1RB24 and 1RB0



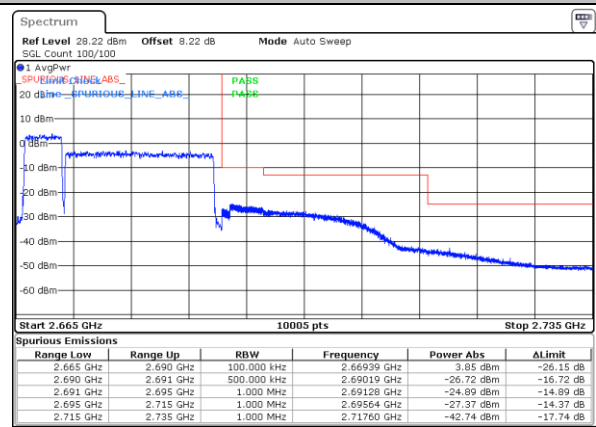
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

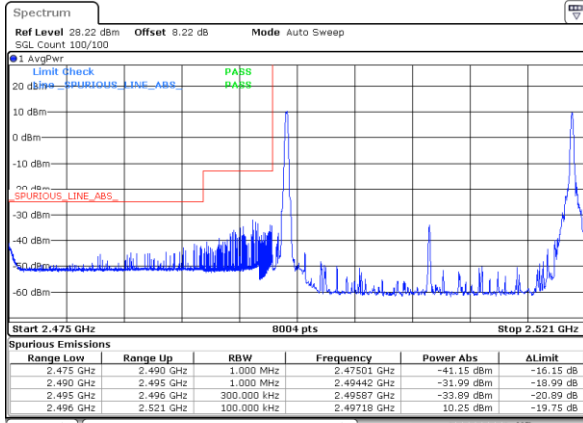




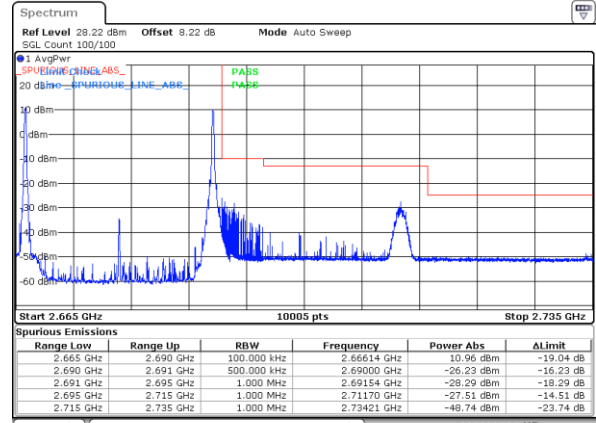
LTE Band 41C / 5MHz+20MHz

256QAM

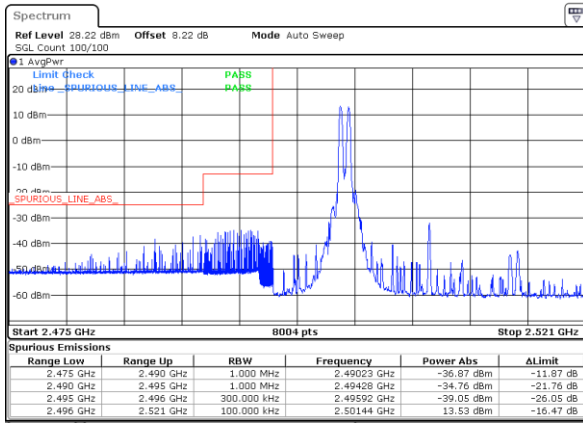
Lowest Band Edge / 1RB0 and 1RB99



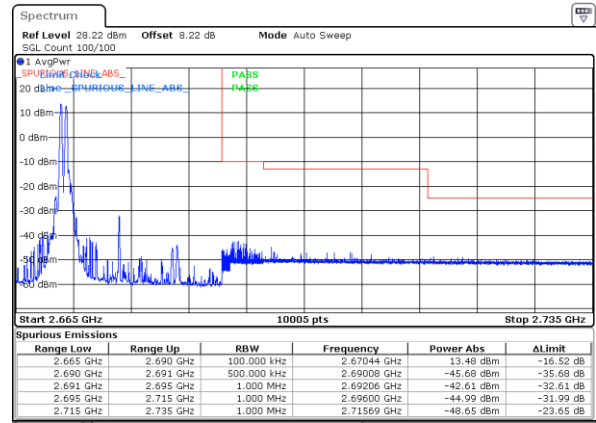
Highest Band Edge / 1RB0 and 1RB99



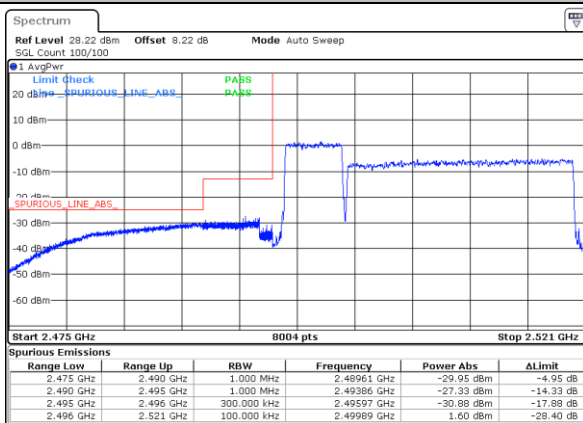
Lowest Band Edge / 1RB24 and 1RB0



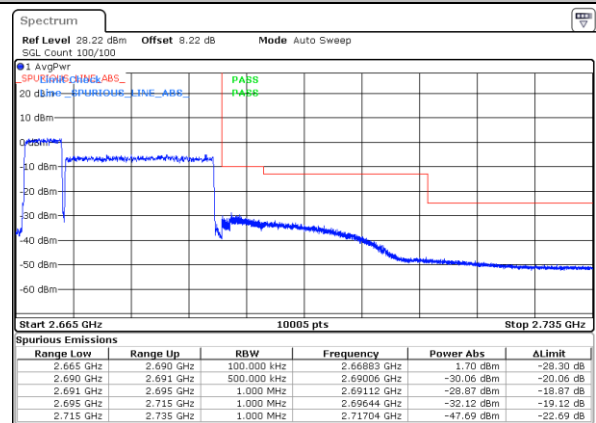
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

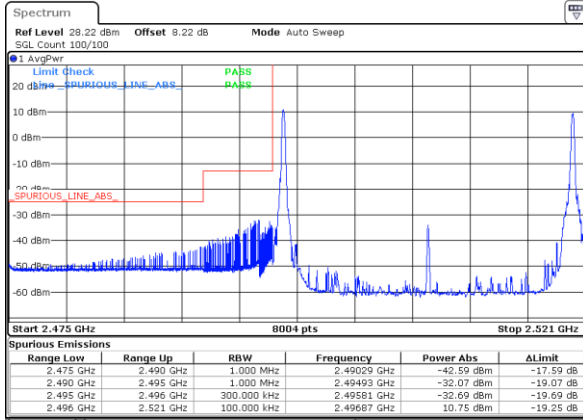




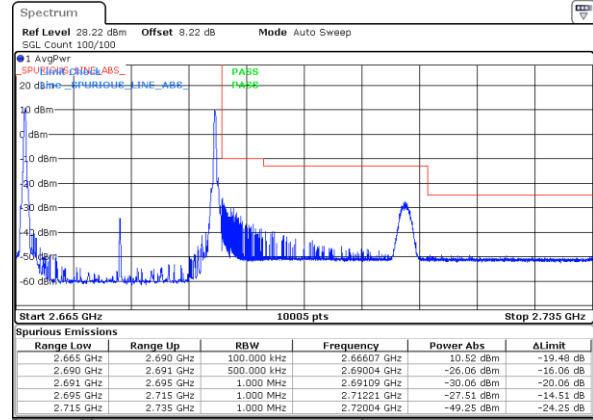
LTE Band 41C / 10MHz+15MHz

QPSK

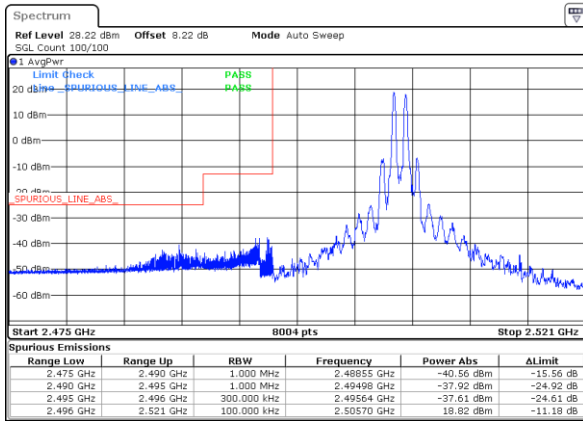
Lowest Band Edge / 1RB0 and 1RB74



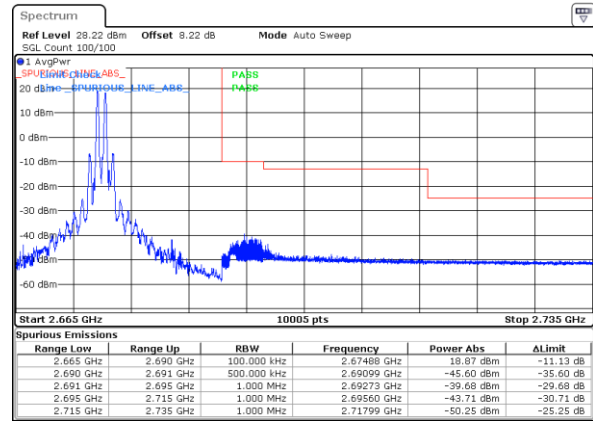
Highest Band Edge / 1RB0 and 1RB74



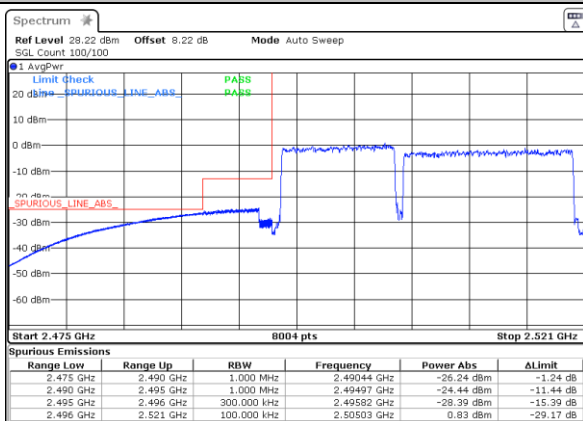
Lowest Band Edge / 1RB49 and 1RB0



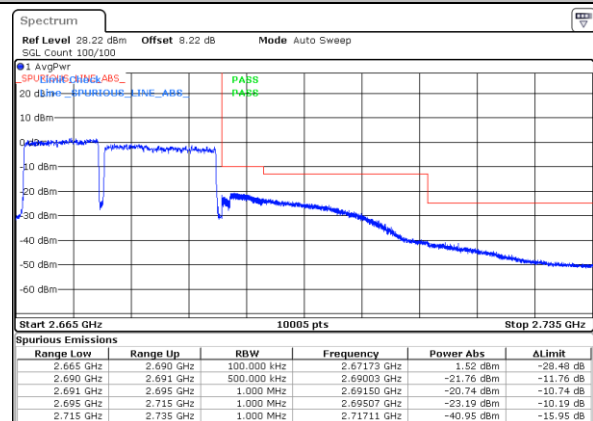
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

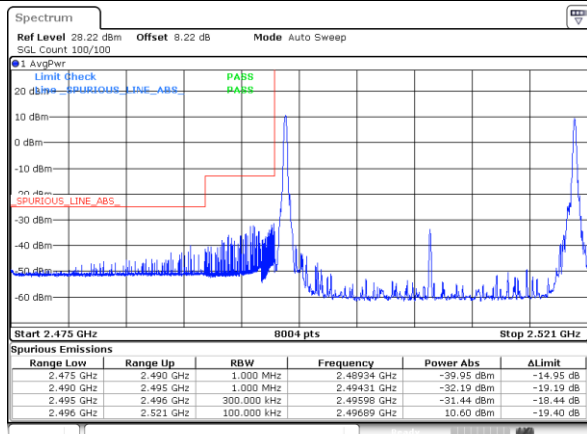




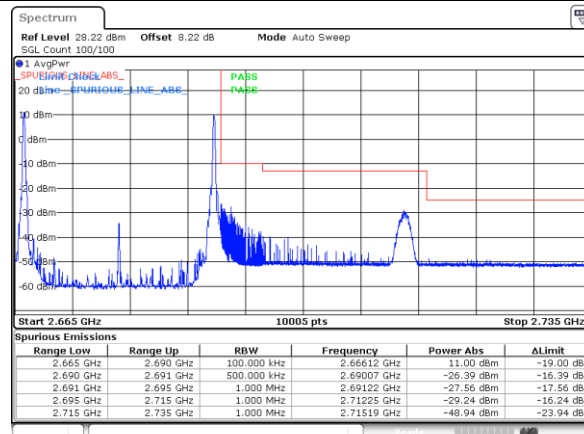
LTE Band 41C / 10MHz+15MHz

16QAM

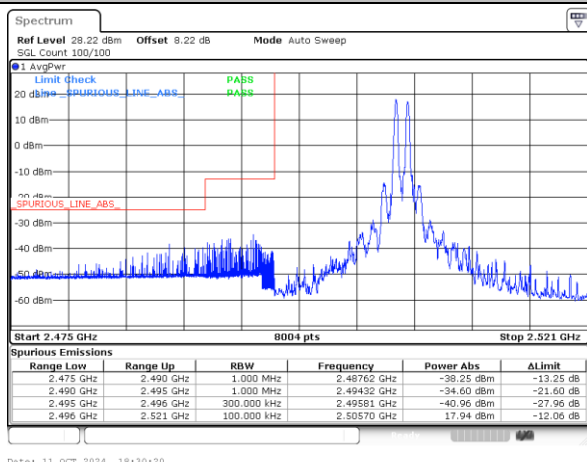
Lowest Band Edge / 1RB0 and 1RB74



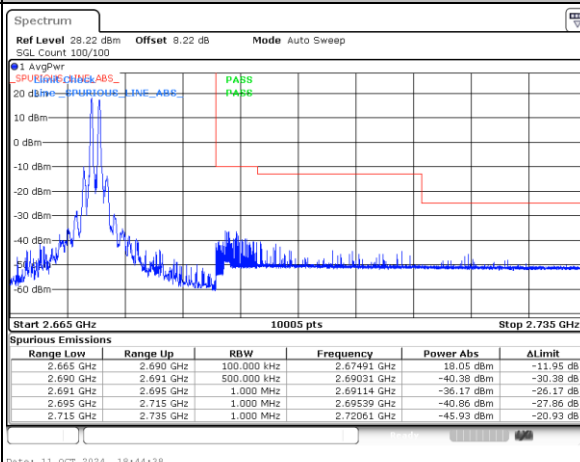
Highest Band Edge / 1RB0 and 1RB74



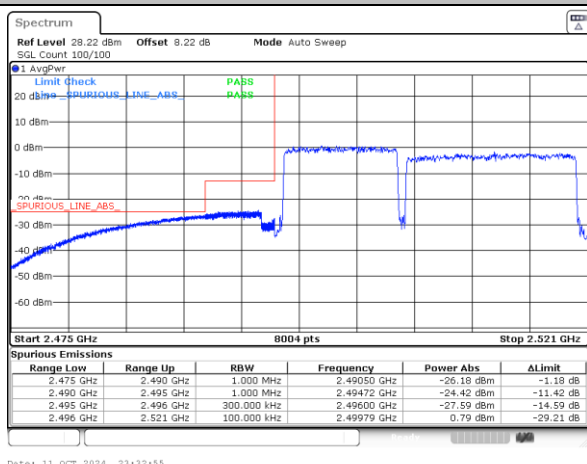
Lowest Band Edge / 1RB49 and 1RB0



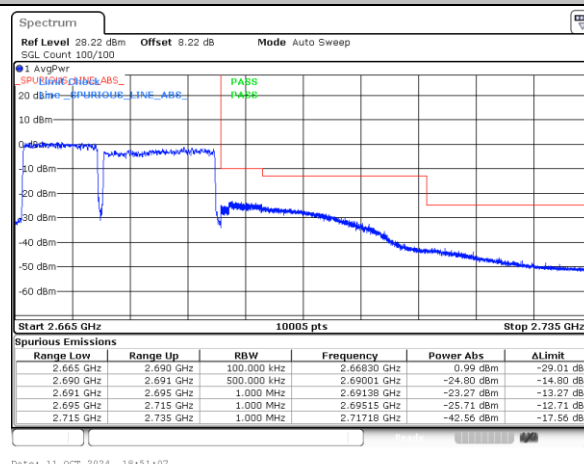
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

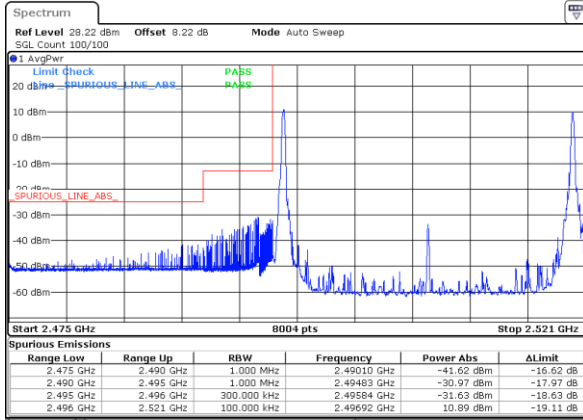




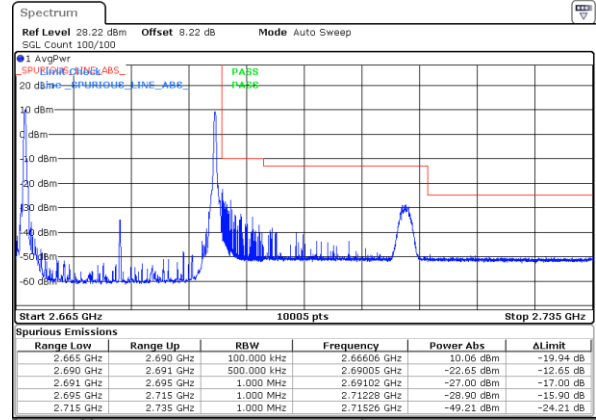
LTE Band 41C / 10MHz+15MHz

64QAM

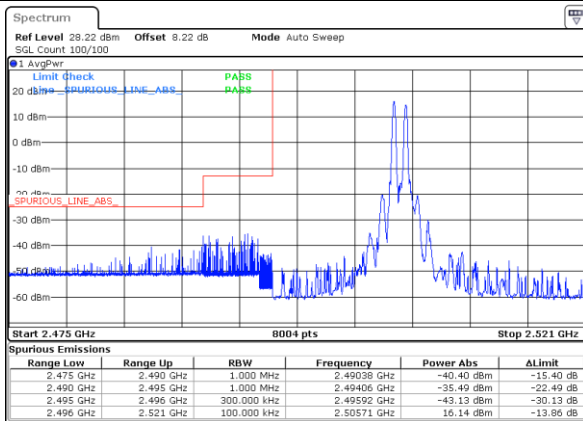
Lowest Band Edge / 1RB0 and 1RB74



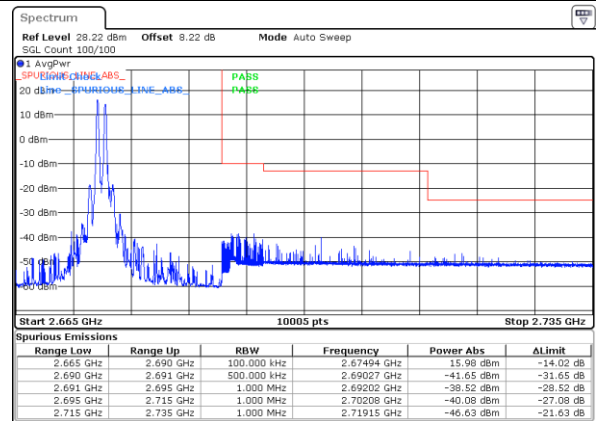
Highest Band Edge / 1RB0 and 1RB74



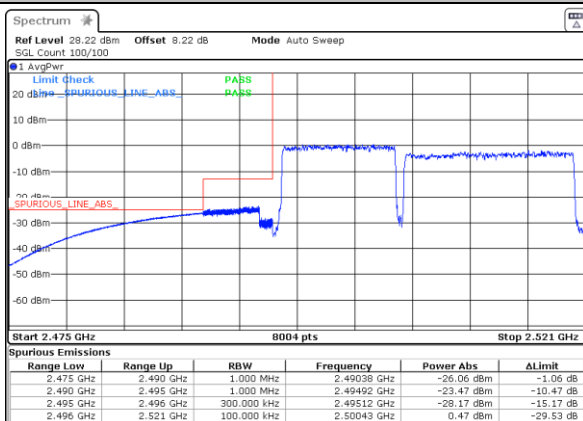
Lowest Band Edge / 1RB49 and 1RB0



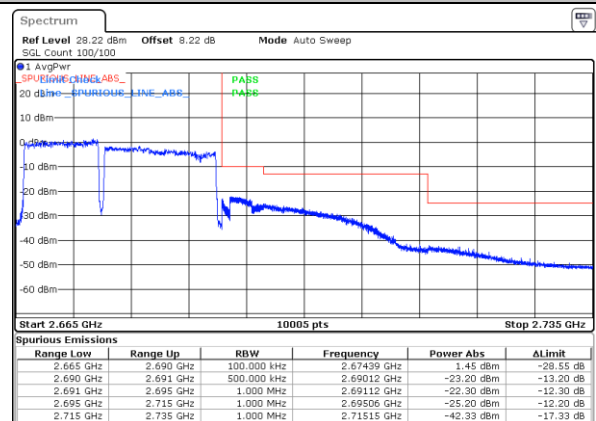
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

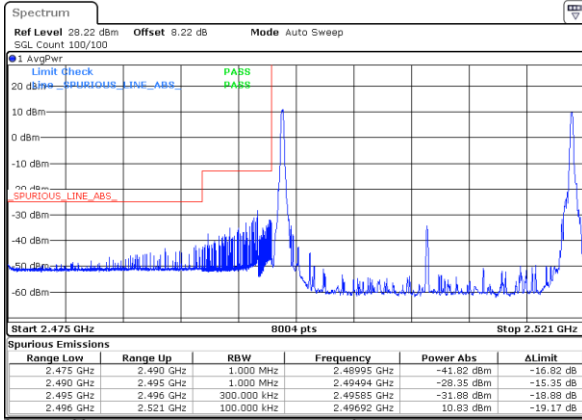




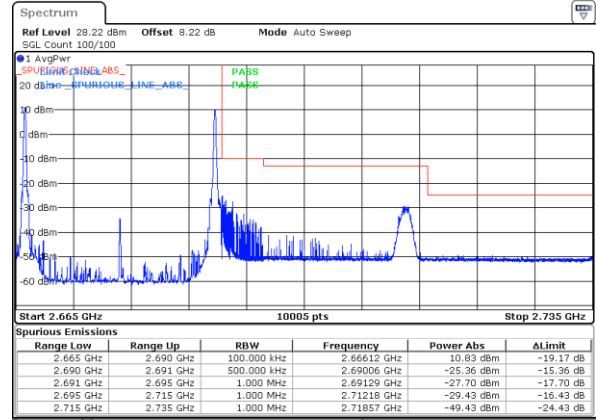
LTE Band 41C / 10MHz+15MHz

256AM

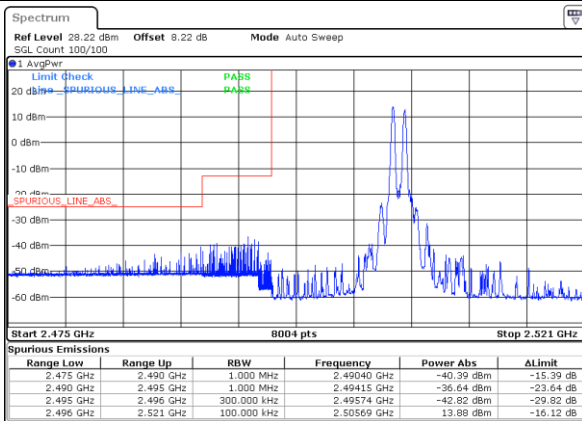
Lowest Band Edge / 1RB0 and 1RB74



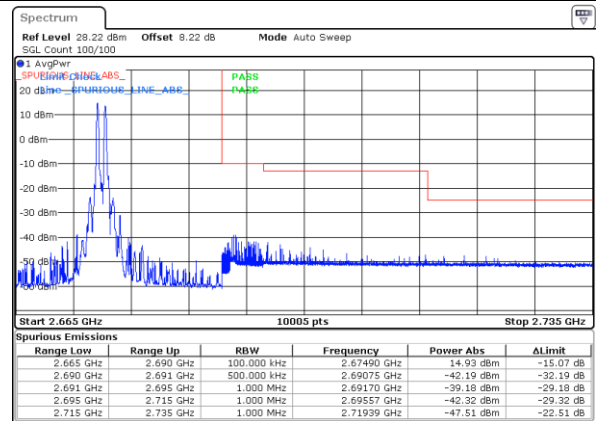
Highest Band Edge / 1RB0 and 1RB74



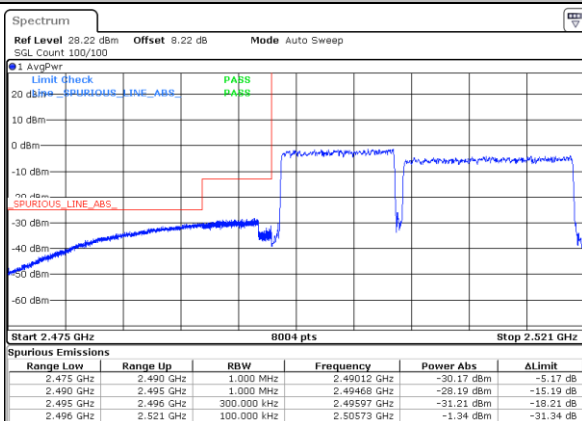
Lowest Band Edge / 1RB49 and 1RB0



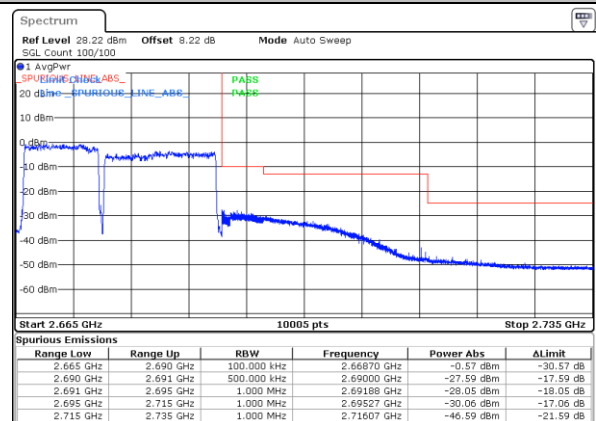
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

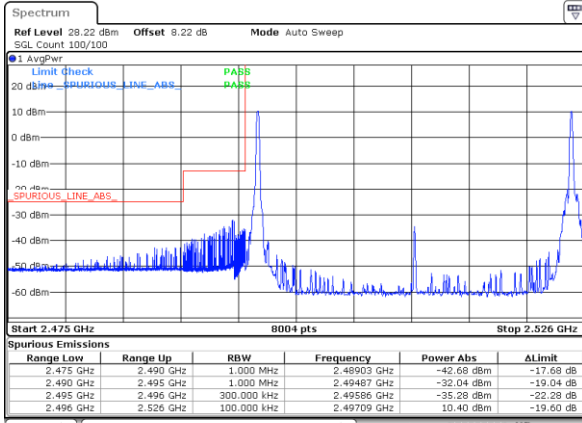




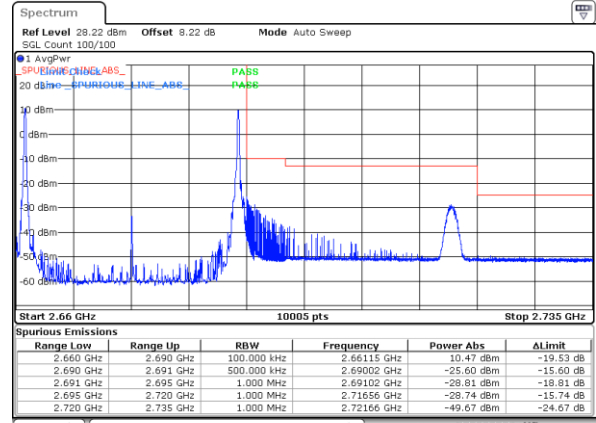
LTE Band 41C / 10MHz+20MHz

QPSK

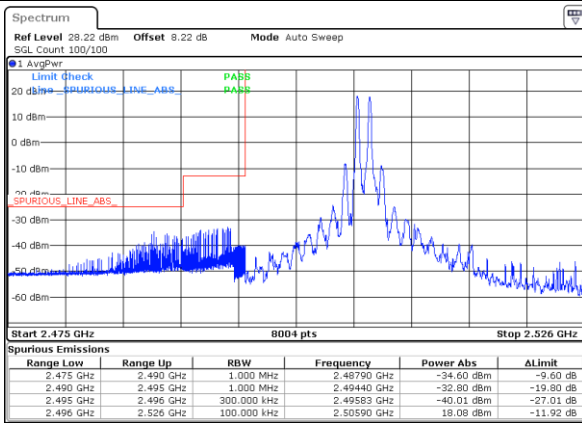
Lowest Band Edge / 1RB0 and 1RB99



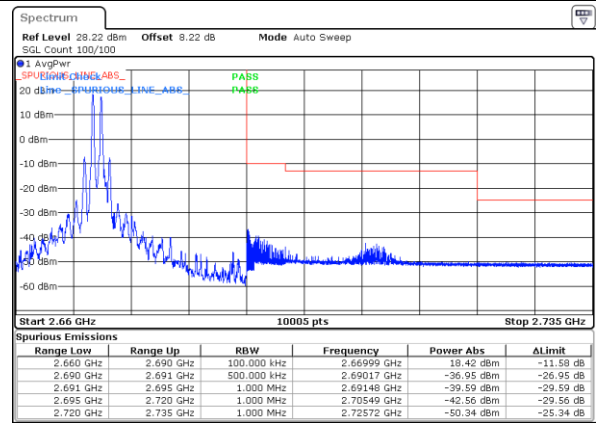
Highest Band Edge / 1RB0 and 1RB99



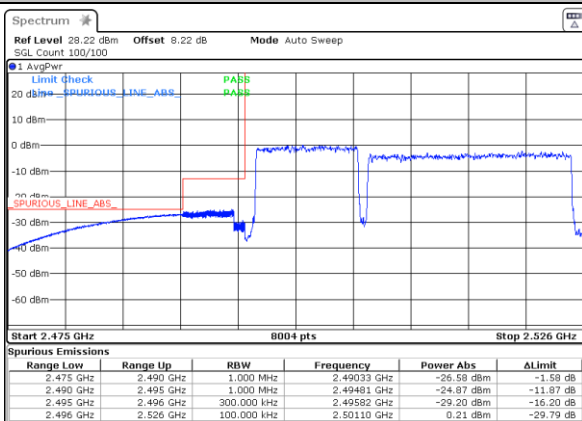
Lowest Band Edge / 1RB49 and 1RB0



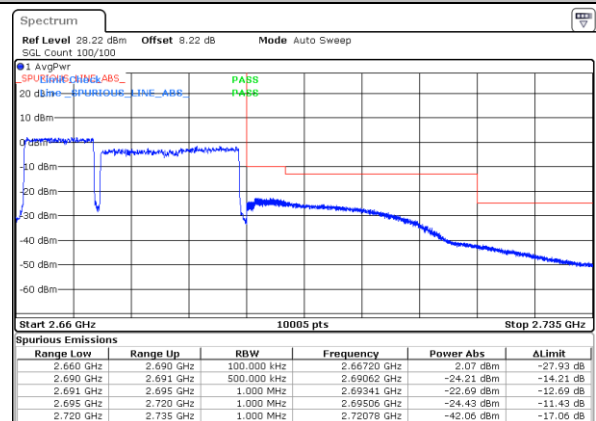
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

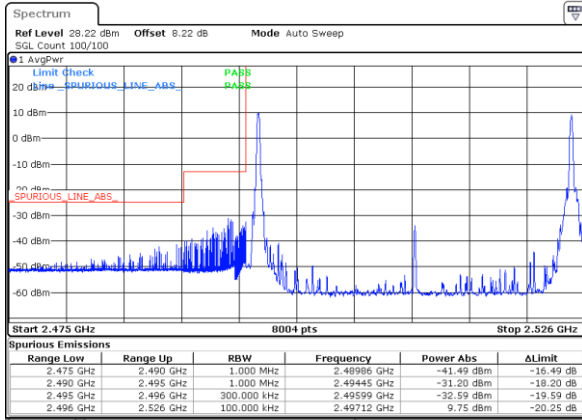




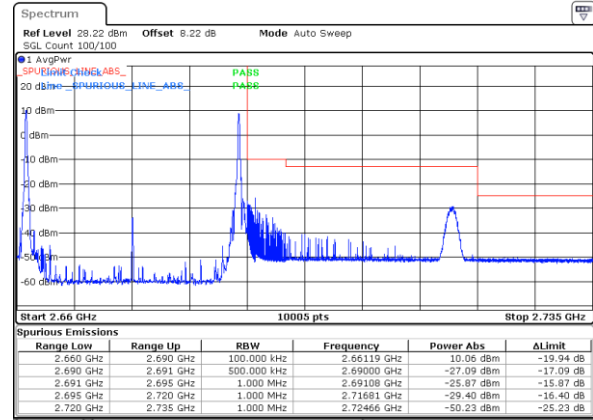
LTE Band 41C / 10MHz+20MHz

16QAM

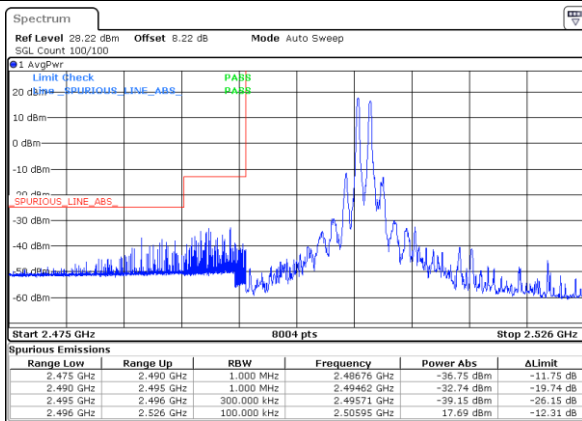
Lowest Band Edge / 1RB0 and 1RB99



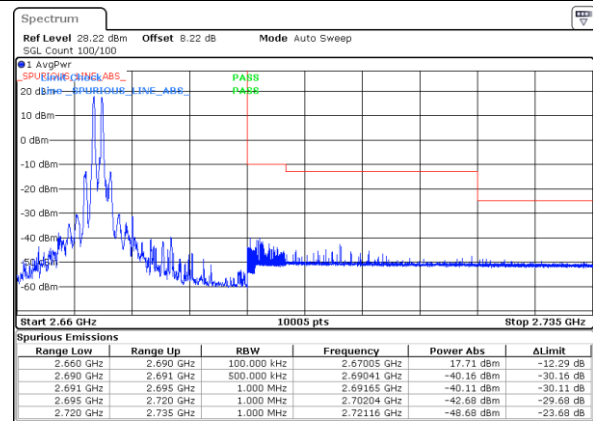
Highest Band Edge / 1RB0 and 1RB99



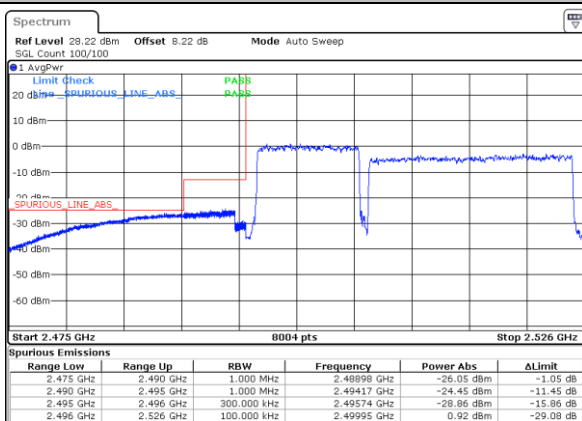
Lowest Band Edge / 1RB49 and 1RB0



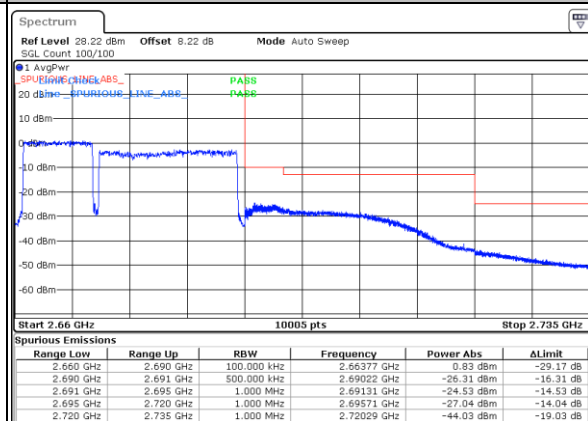
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

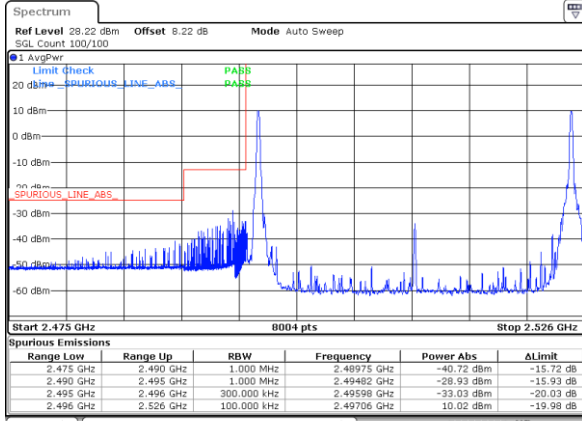




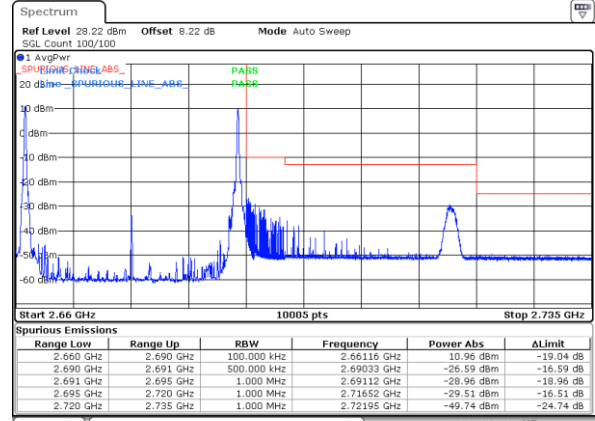
LTE Band 41C / 10MHz+20MHz

64QAM

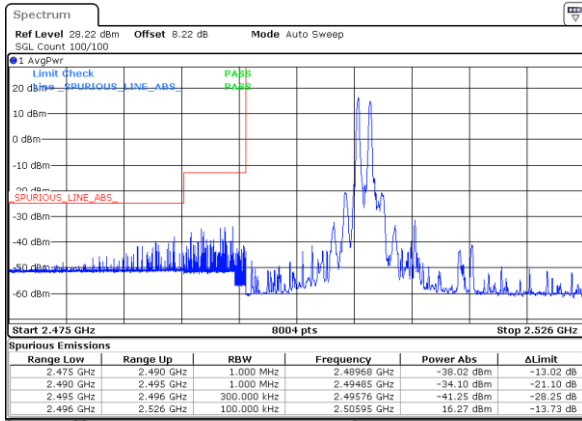
Lowest Band Edge / 1RB0 and 1RB99



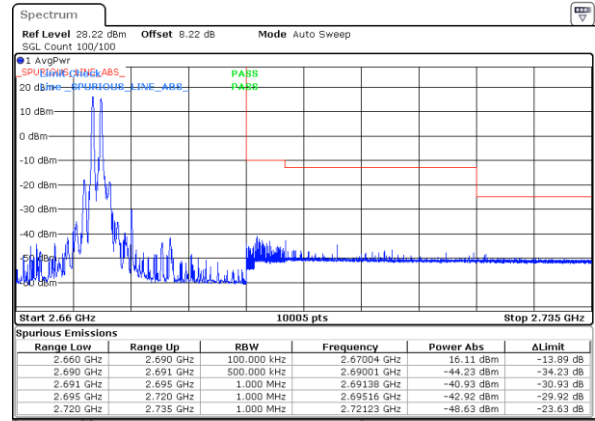
Highest Band Edge / 1RB0 and 1RB99



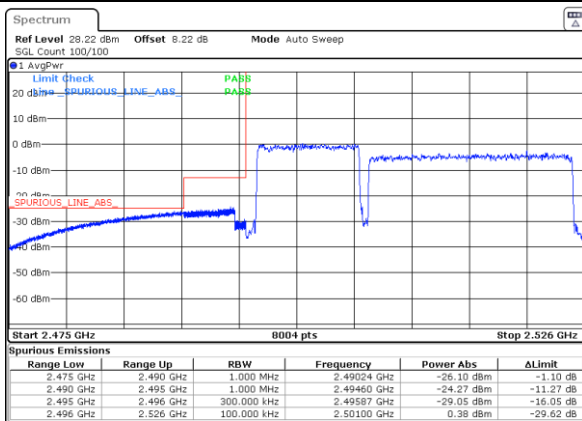
Lowest Band Edge / 1RB49 and 1RB0



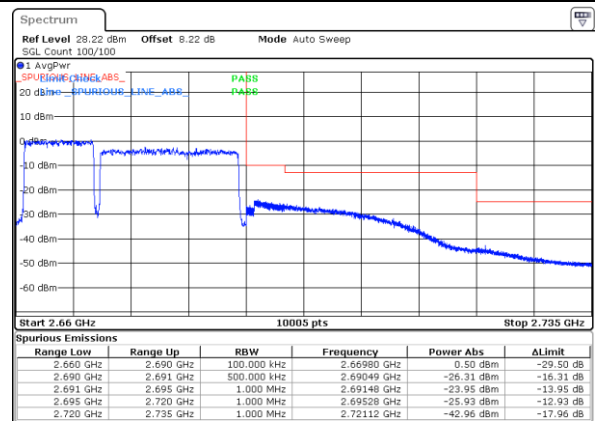
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

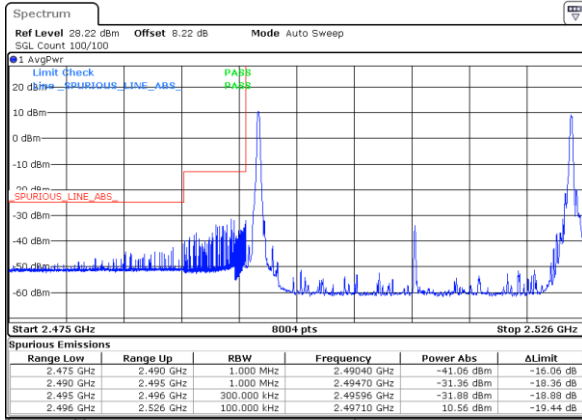




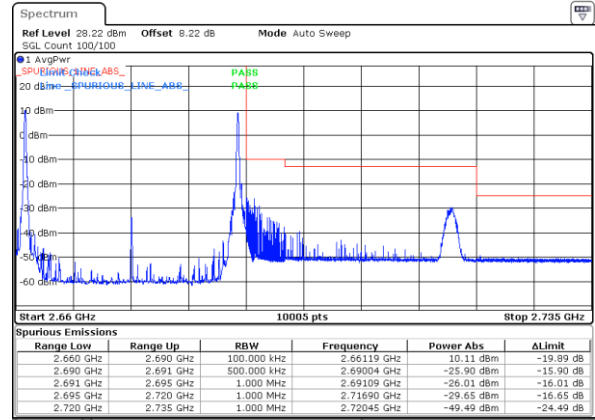
LTE Band 41C / 10MHz+20MHz

256QAM

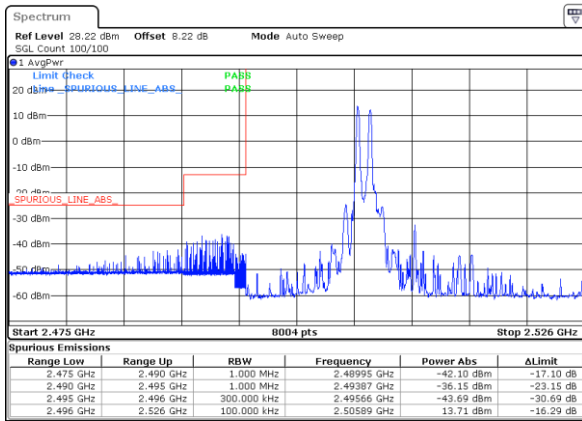
Lowest Band Edge / 1RB0 and 1RB99



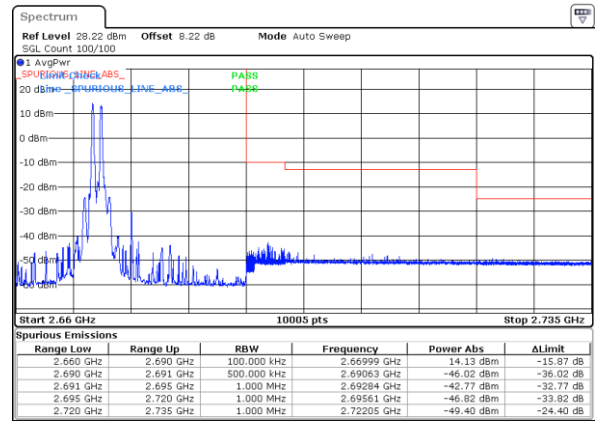
Highest Band Edge / 1RB0 and 1RB99



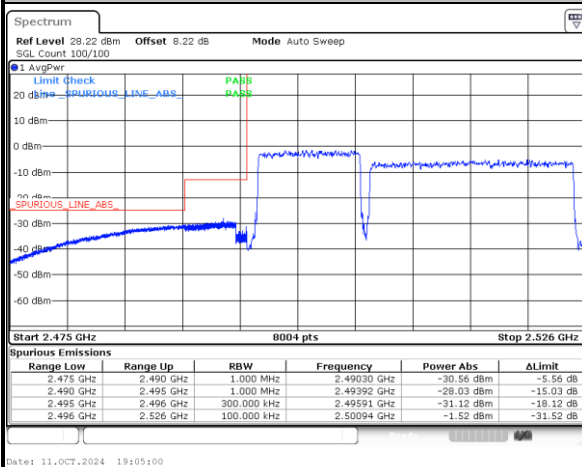
Lowest Band Edge / 1RB49 and 1RB0



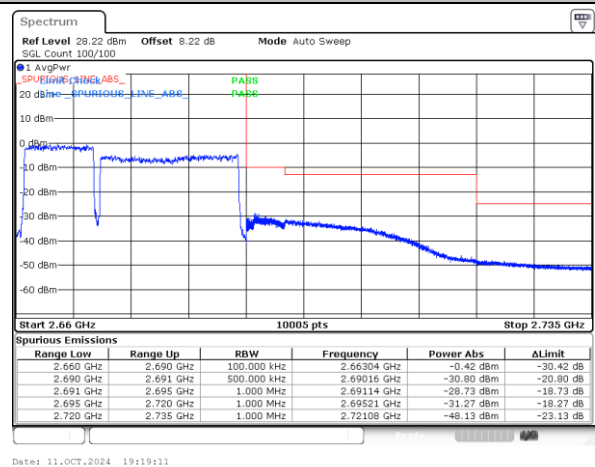
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

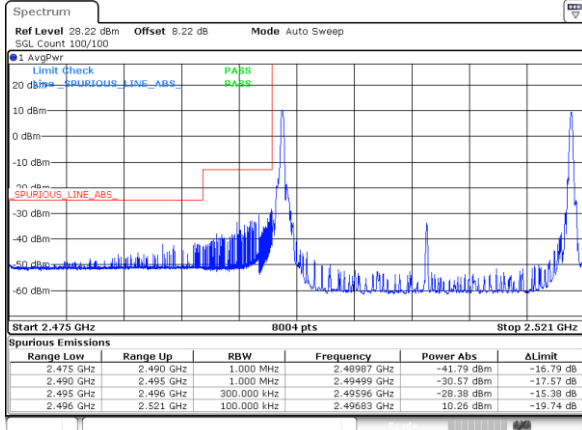




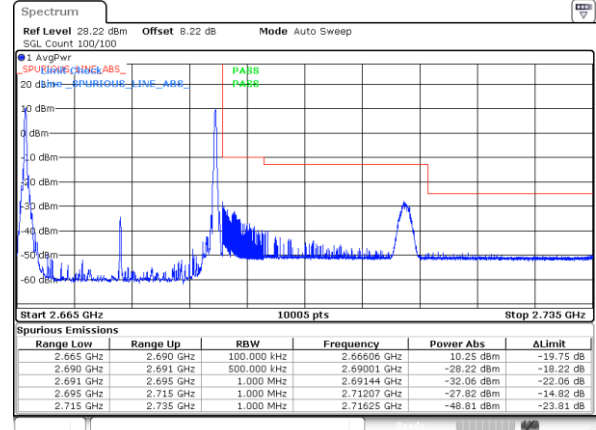
LTE Band 41C / 15MHz+10MHz

QPSK

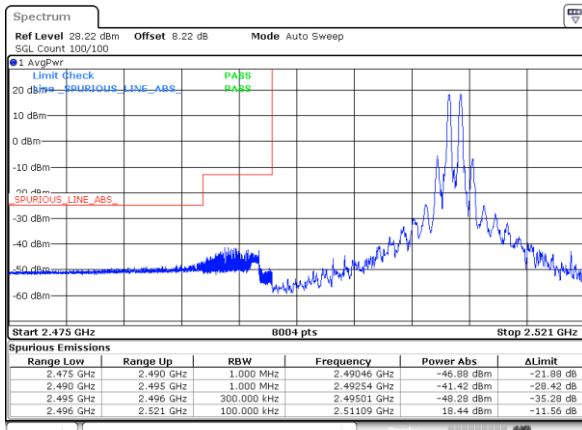
Lowest Band Edge / 1RB0 and 1RB49



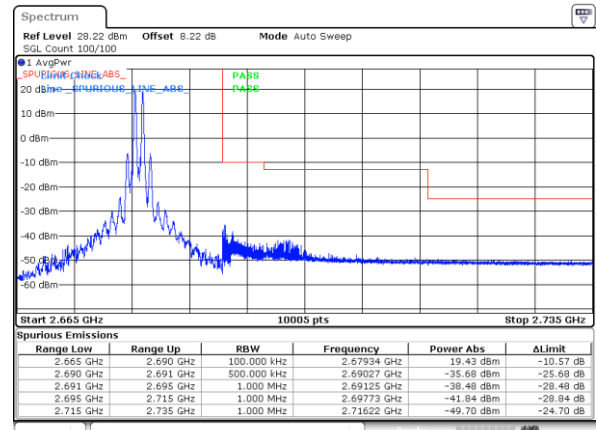
Highest Band Edge / 1RB0 and 1RB49



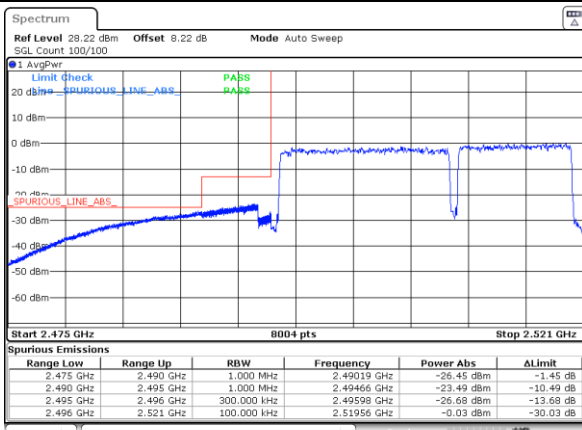
Lowest Band Edge / 1RB74 and 1RB0



Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

