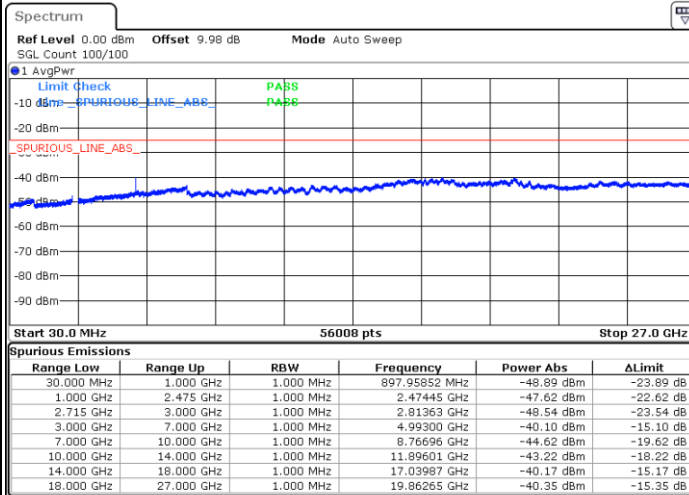




Conducted Spurious Emission

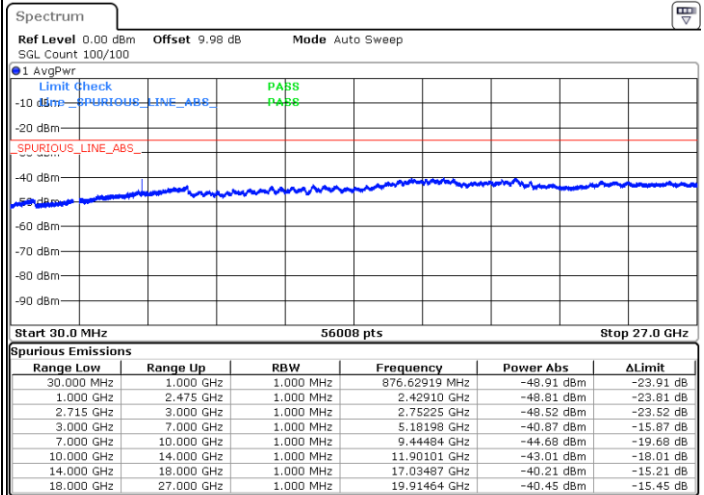
LTE Band 41 / 5MHz

Lowest Channel / QPSK



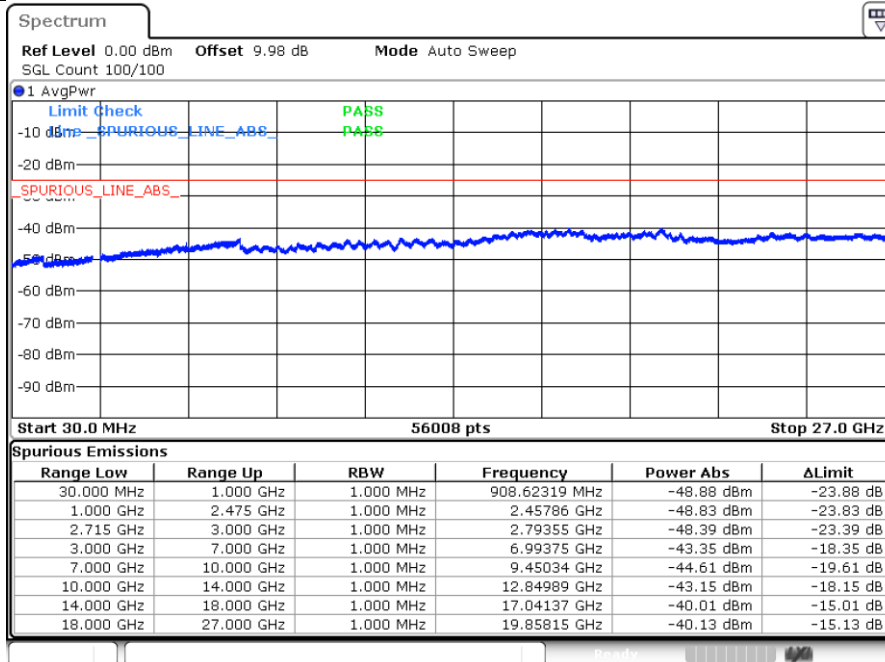
Date: 5.AUG.2024 16:07:11

Middle Channel / QPSK



Date: 5.AUG.2024 16:18:25

Highest Channel / QPSK



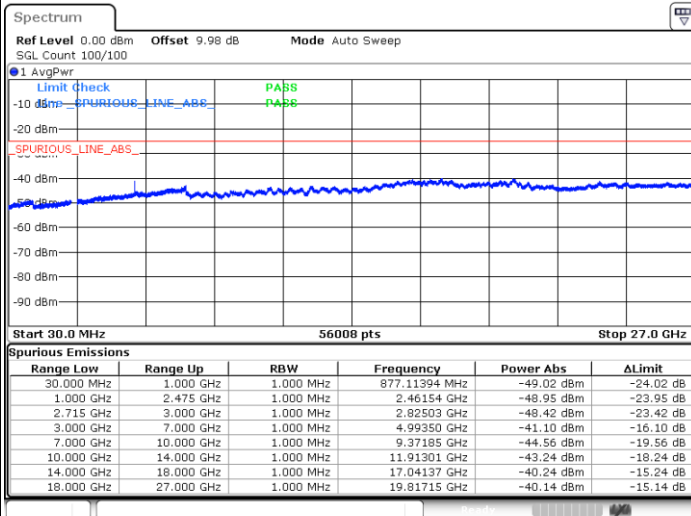
Date: 5.AUG.2024 16:21:12



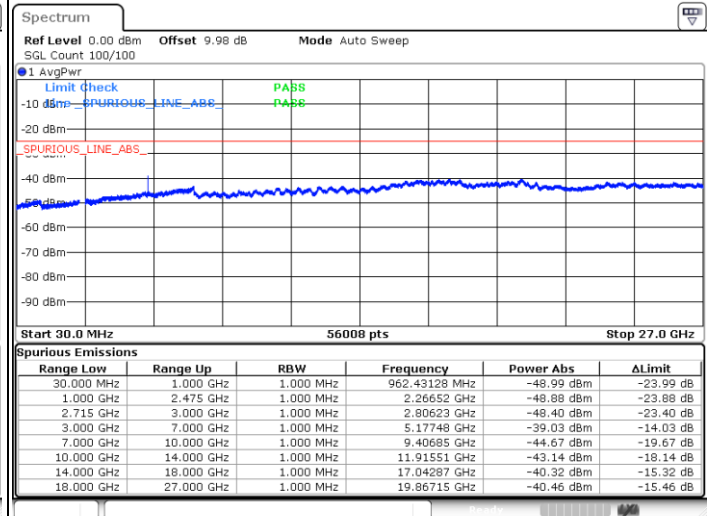
LTE Band 41 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

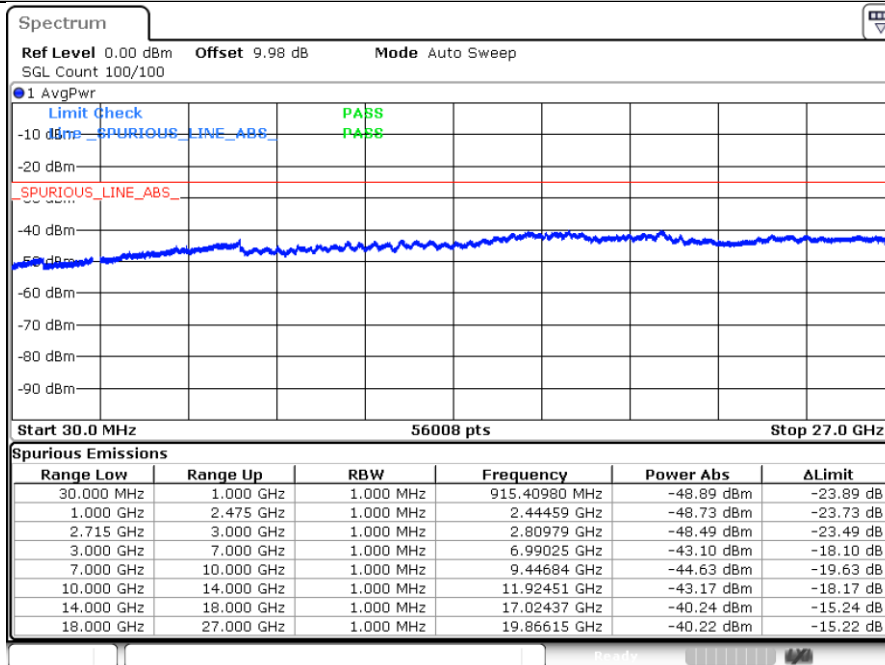


Date: 5.AUG.2024 16:35:01



Date: 5.AUG.2024 16:46:05

Highest Channel / QPSK

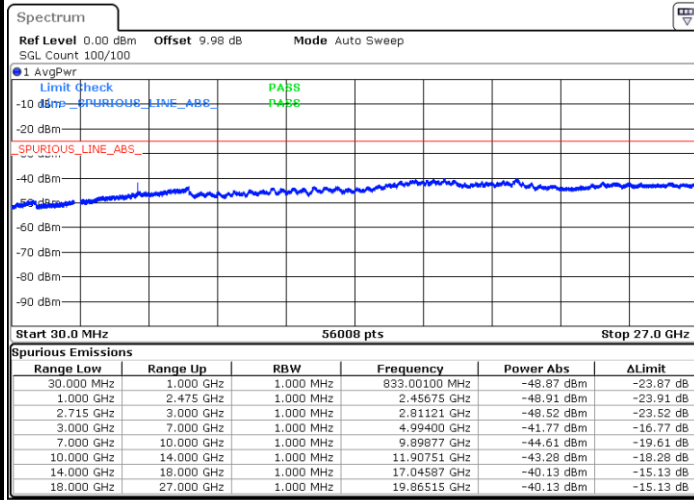


Date: 5.AUG.2024 16:48:52



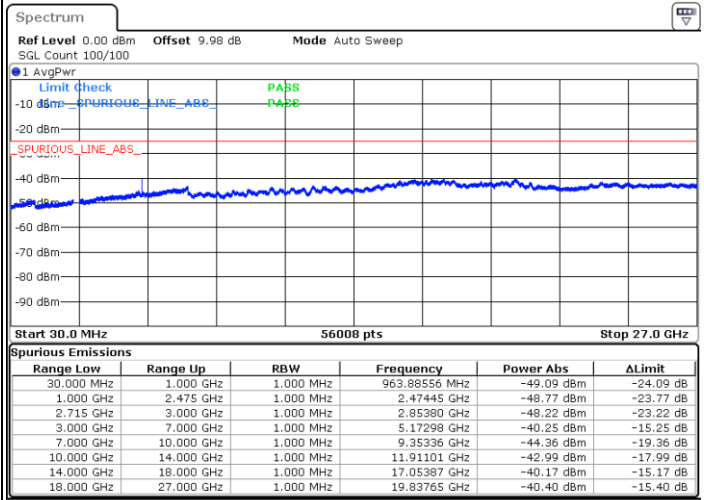
LTE Band 41 / 15MHz

Lowest Channel / QPSK



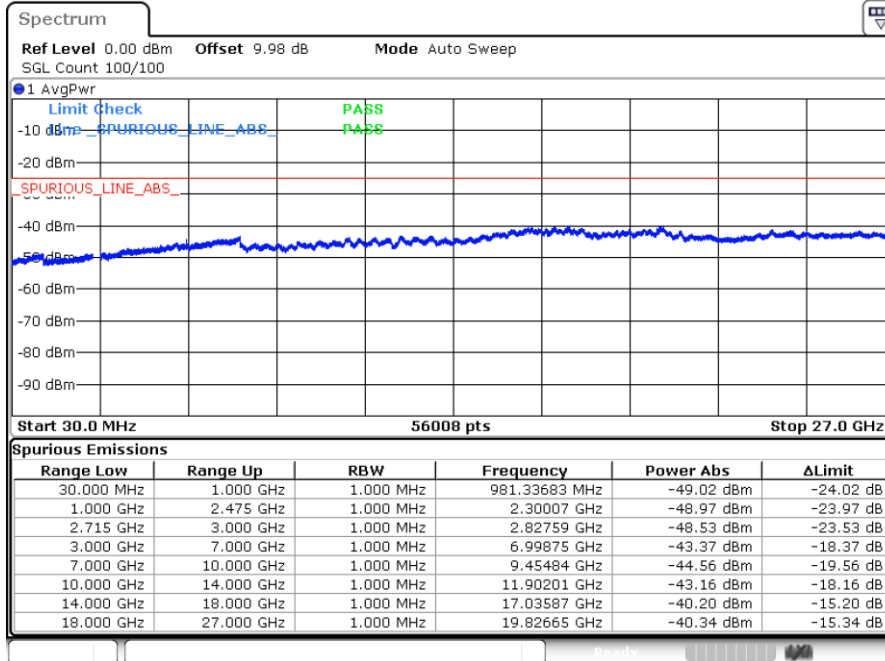
Date: 5.AUG.2024 17:02:24

Middle Channel / QPSK



Date: 5.AUG.2024 17:13:26

Highest Channel / QPSK

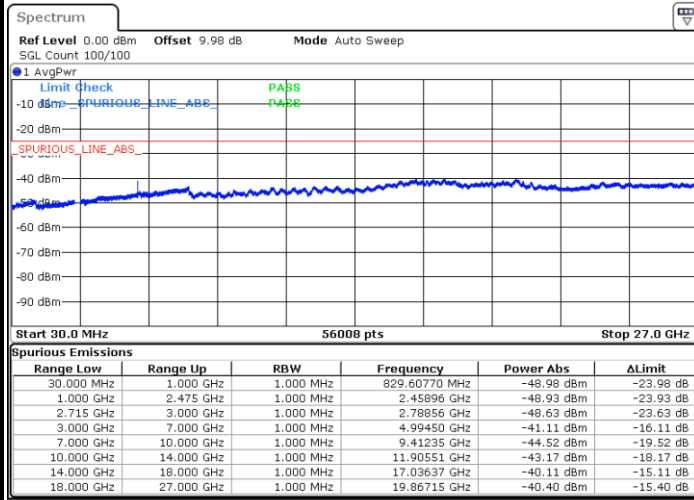


Date: 5.AUG.2024 17:16:14



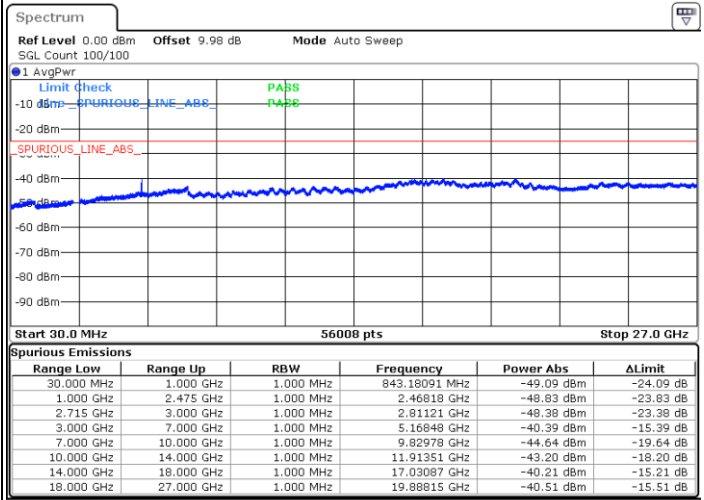
LTE Band 41 / 20MHz

Lowest Channel / QPSK



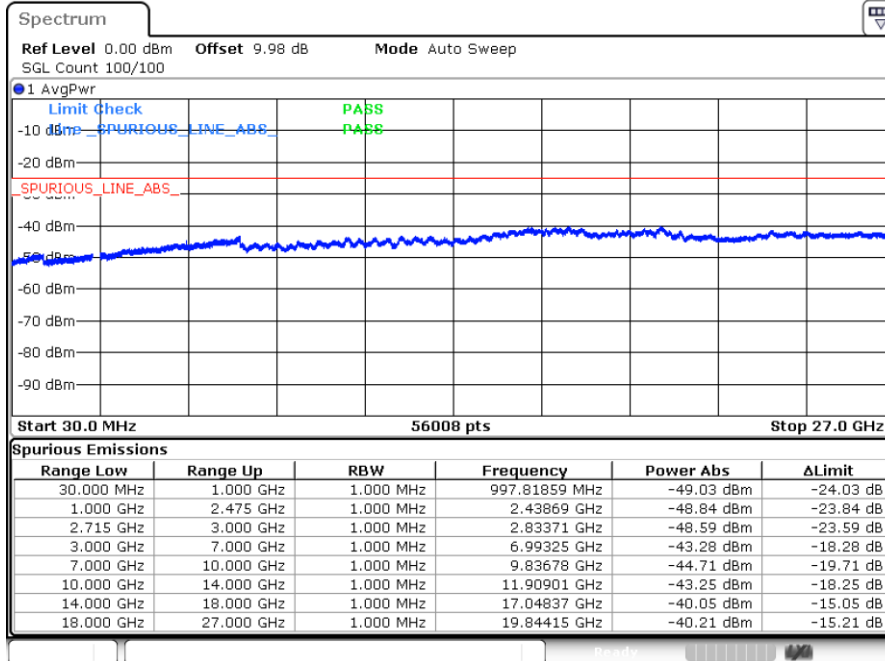
Date: 5.AUG.2024 17:28:20

Middle Channel / QPSK



Date: 5.AUG.2024 17:39:21

Highest Channel / QPSK



Date: 5.AUG.2024 17:40:47

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	0.0034	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0041	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0029	
0	Normal Voltage	0.0035	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0031	
-30	Normal Voltage	0.0045	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0017	
20	Battery End Point	0.0028	

Note:

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



LTE Band CA_41C

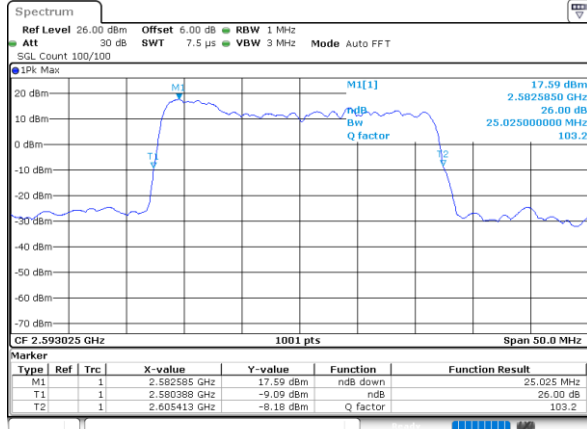
26dB Bandwidth

Mode	LTE Band 41-CA : 26dB BW(MHz)	
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	25.03	24.93
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	25.33	25.33
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	30.15	29.97
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.23	25.43
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.69	30.57
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	35.04	34.97
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	24.88	24.88
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.09	30.03
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	35.11	35.11
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	39.88	39.96



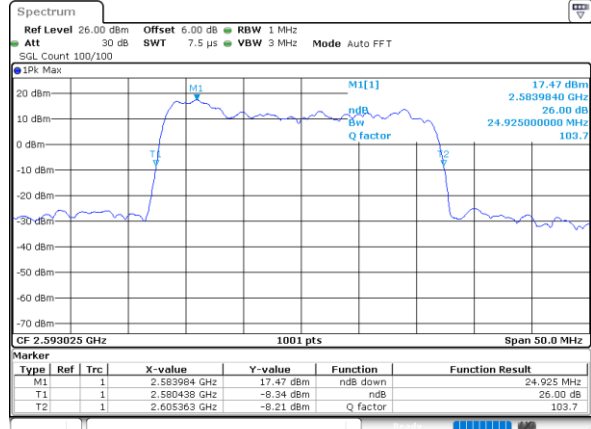
LTE Band 41C

Middle Channel / 5MHz+20MHz / QPSK



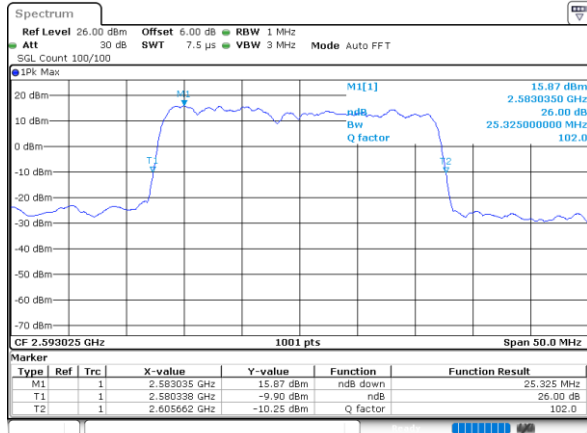
Date: 1.AUG.2024 17:09:19

Middle Channel / 5MHz+20MHz / 16QAM



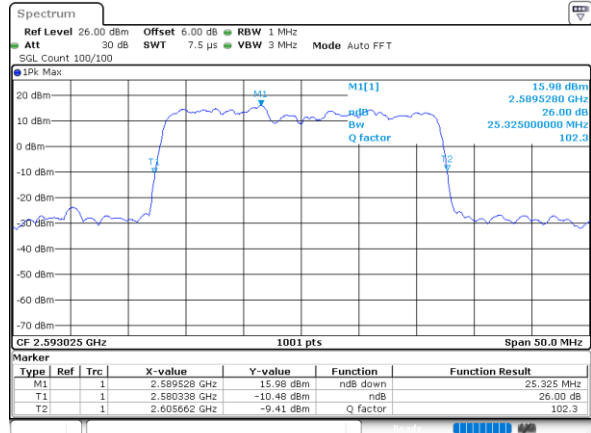
Date: 1.AUG.2024 17:10:47

Middle Channel / 10MHz+15MHz / QPSK



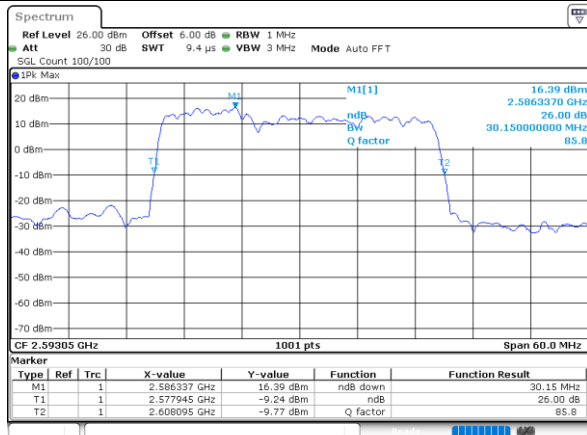
Date: 1.AUG.2024 17:49:35

Middle Channel / 10MHz+15MHz / 16QAM



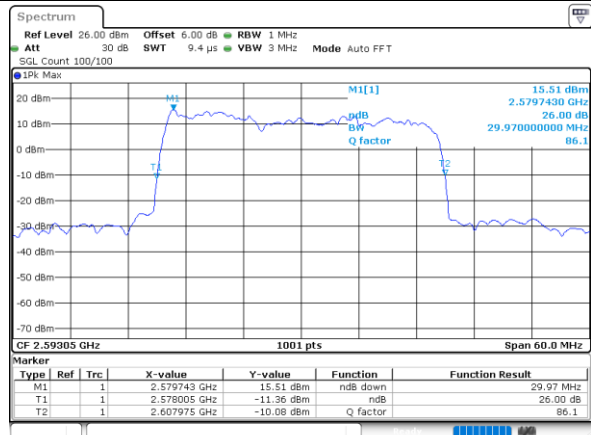
Date: 1.AUG.2024 17:51:04

Middle Channel / 10MHz+20MHz / QPSK



Date: 1.AUG.2024 18:29:13

Middle Channel / 10MHz+20MHz / 16QAM

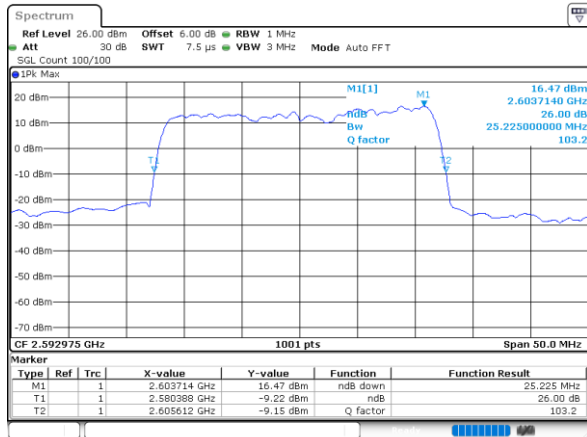


Date: 1.AUG.2024 18:30:42

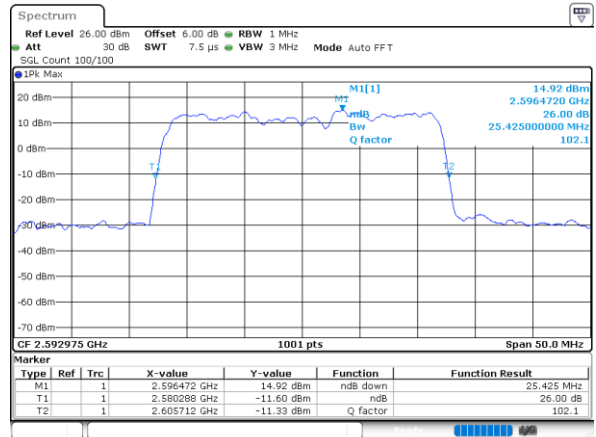


LTE Band 41C

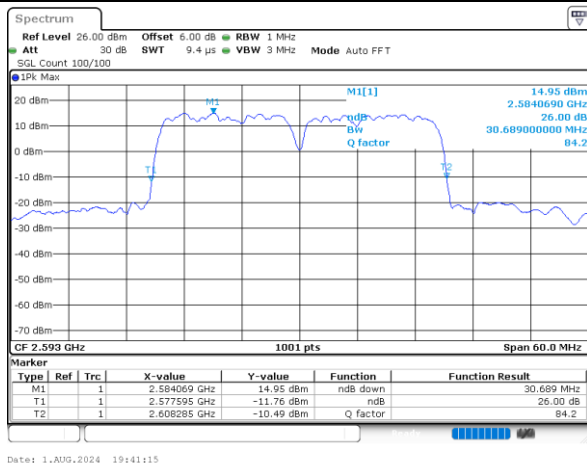
Middle Channel / 15MHz+10MHz / QPSK



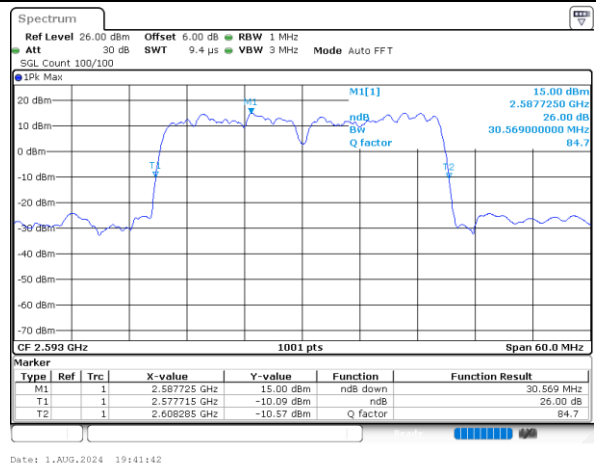
Middle Channel / 15MHz+10MHz / 16QAM



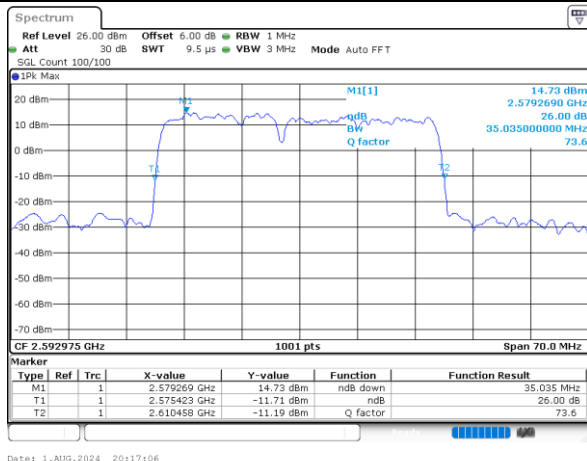
Middle Channel / 15MHz+15MHz / QPSK



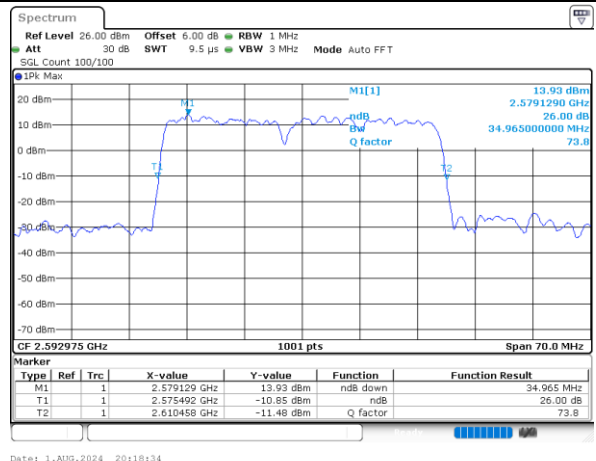
Middle Channel / 15MHz+15MHz / 16QAM



Middle Channel / 15MHz+20MHz / QPSK



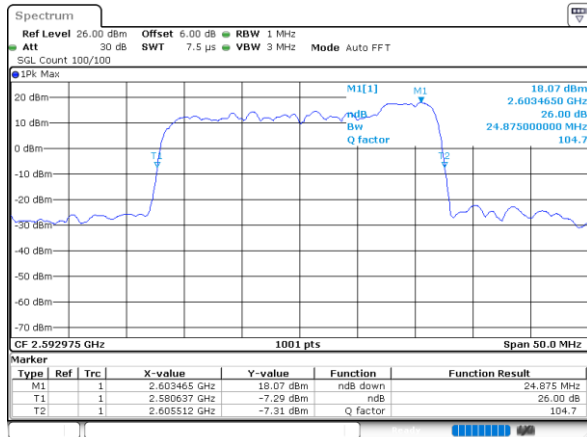
Middle Channel / 15MHz+20MHz / 16QAM



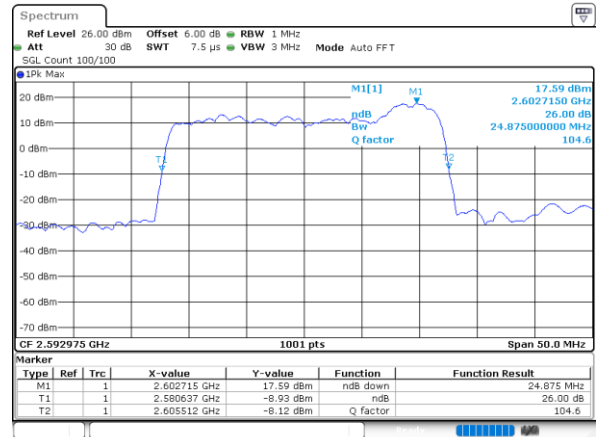


LTE Band 41C

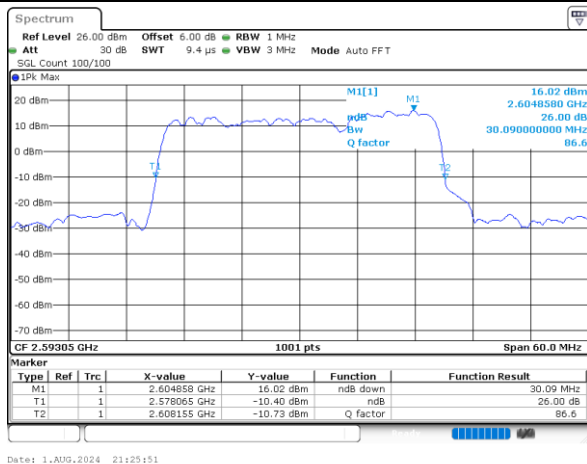
Middle Channel / 20MHz5MHz / QPSK



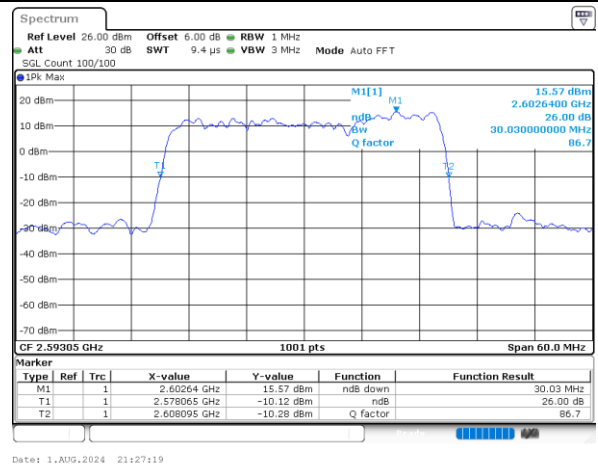
Middle Channel / 20MHz+5MHz / 16QAM



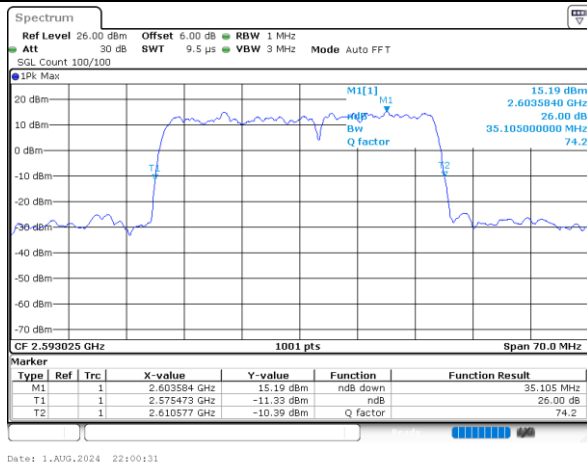
Middle Channel / 20MHz+10MHz / QPSK



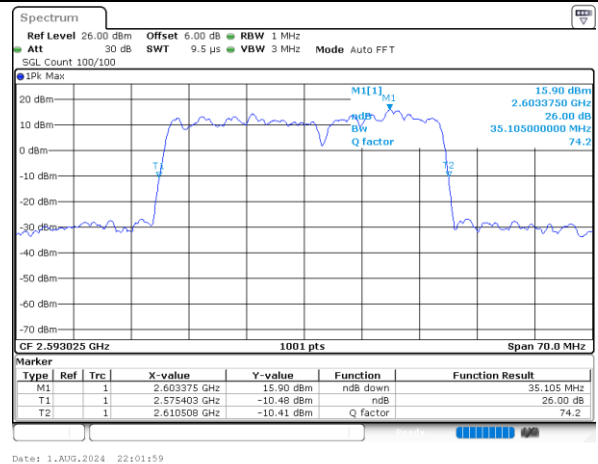
Middle Channel / 20MHz+10MHz / 16QAM



Middle Channel / 20MHz+15MHz / QPSK



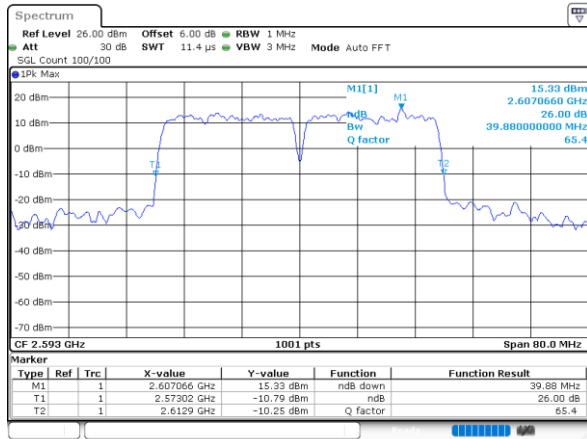
Middle Channel / 20MHz+15MHz / 16QAM



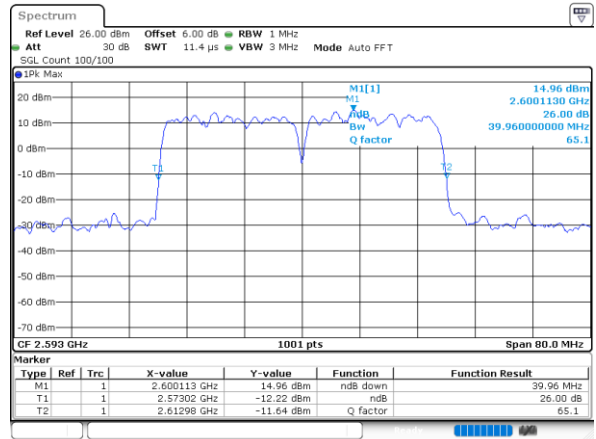


LTE Band 41C

Middle Channel / 20MHz+20MHz / QPSK



Middle Channel / 20MHz+20MHz / 16QAM



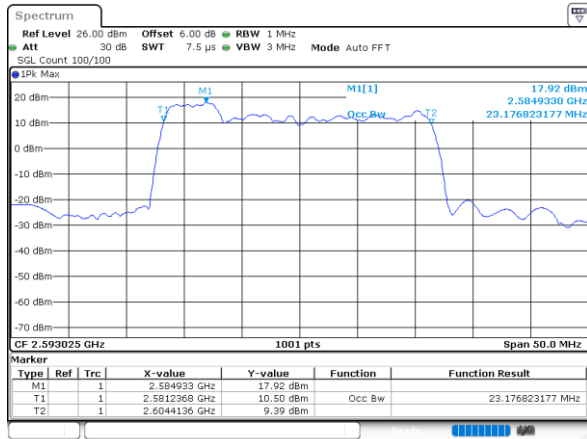
**Occupied Bandwidth**

Mode	LTE Band 41-CA : 99%OBW(MHz)	
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	23.18	23.08
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	23.53	23.48
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	28.17	27.93
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.58	23.28
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.59	28.83
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	32.80	33.01
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	23.48	23.38
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.17	27.75
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	32.94	32.94
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.56	37.80



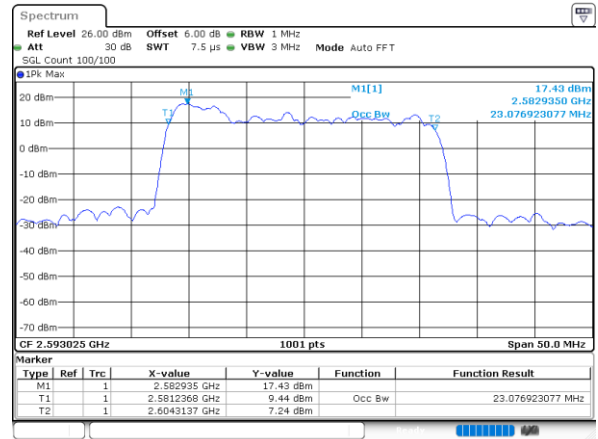
LTE Band 41C

Middle Channel / 5MHz+20MHz / QPSK



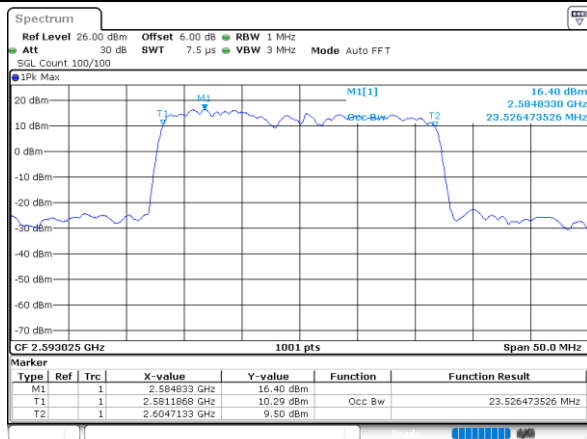
Date: 1.AUG.2024 17:09:48

Middle Channel / 5MHz+20MHz / 16QAM



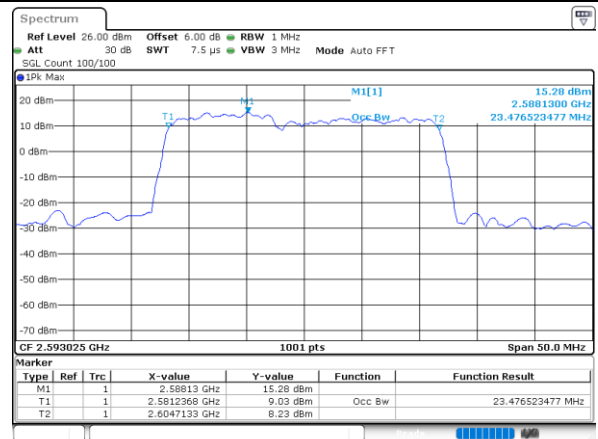
Date: 1.AUG.2024 17:10:18

Middle Channel / 10MHz+15MHz / QPSK



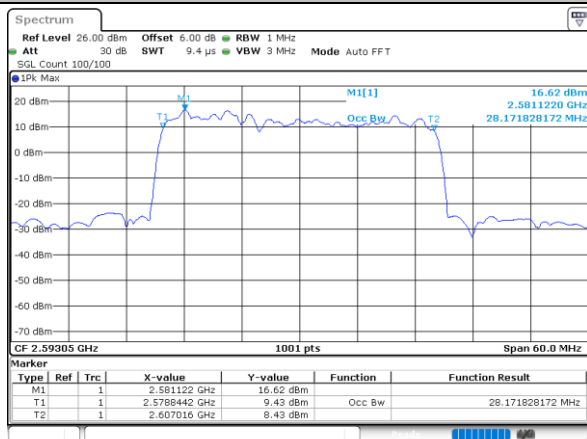
Date: 1.AUG.2024 17:50:05

Middle Channel / 10MHz+15MHz / 16QAM



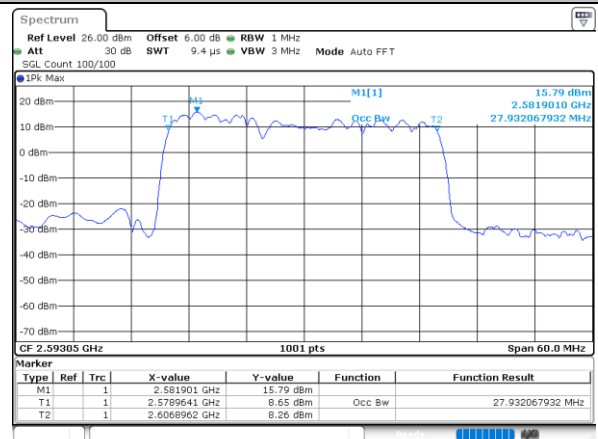
Date: 1.AUG.2024 17:50:34

Middle Channel / 10MHz+20MHz / QPSK



Date: 1.AUG.2024 18:29:43

Middle Channel / 10MHz+20MHz / 16QAM

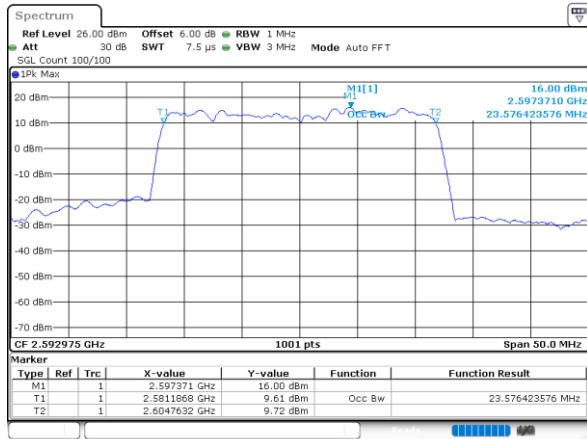


Date: 1.AUG.2024 18:30:12

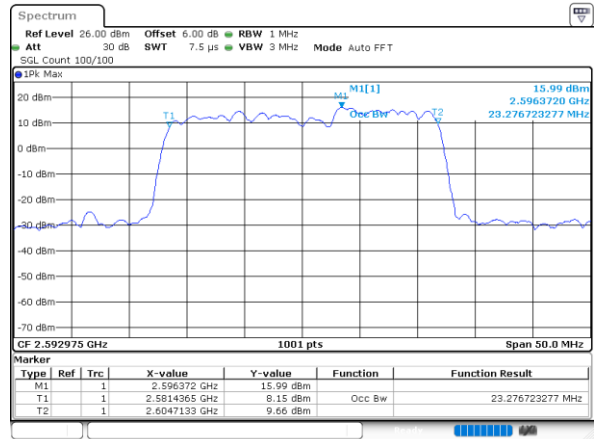


LTE Band 41C

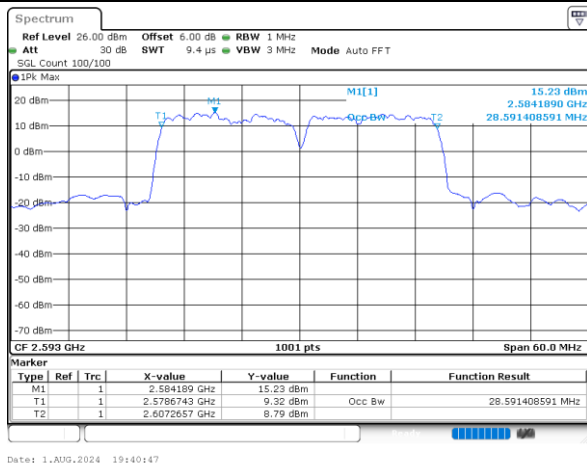
Middle Channel / 15MHz+10MHz / QPSK



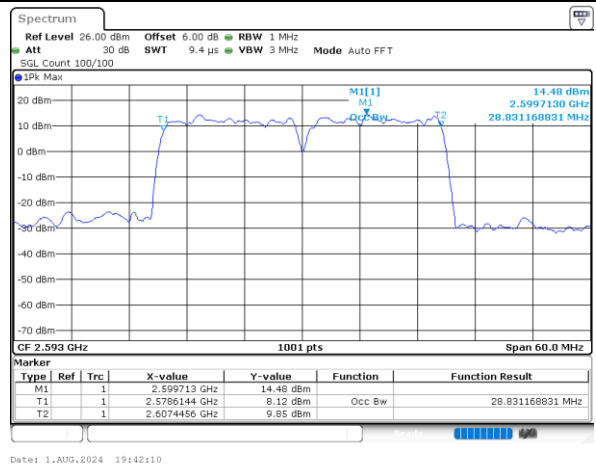
Middle Channel / 15MHz+10MHz / 16QAM



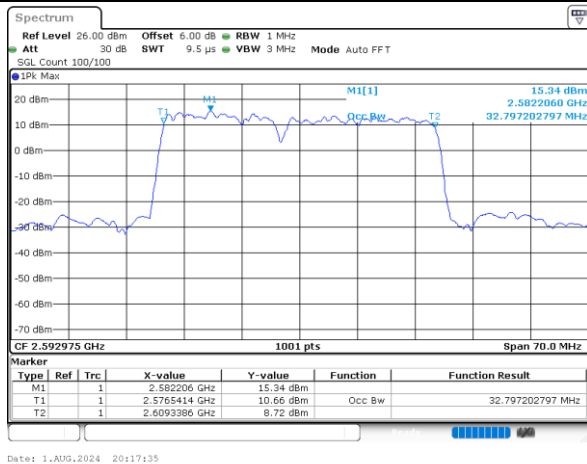
Middle Channel / 15MHz+15MHz / QPSK



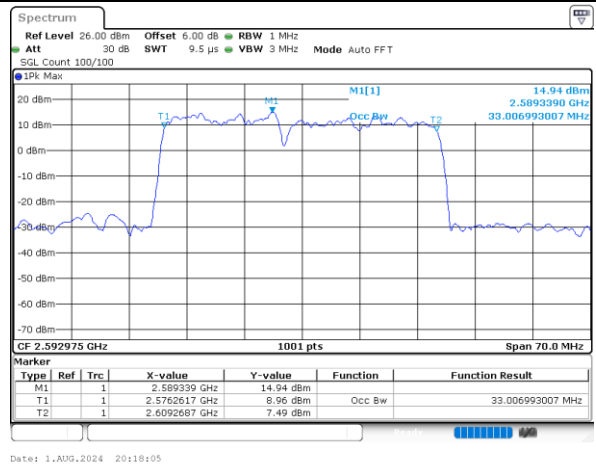
Middle Channel / 15MHz+15MHz / 16QAM



Middle Channel / 15MHz+20MHz / QPSK



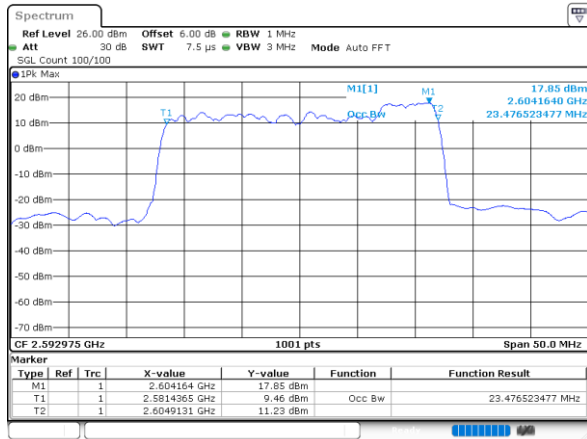
Middle Channel / 15MHz+20MHz / 16QAM





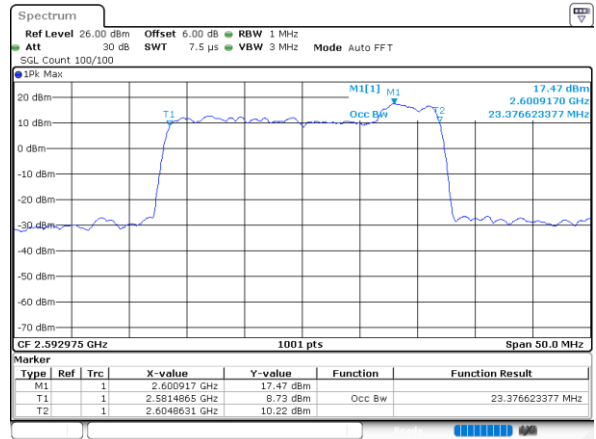
LTE Band 41C

Middle Channel / 20MHz+5MHz / QPSK



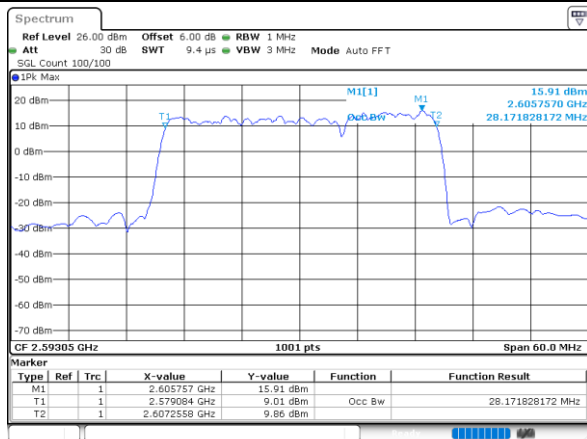
Date: 1.AUG.2024 20:53:45

Middle Channel / 20MHz+5MHz / 16QAM



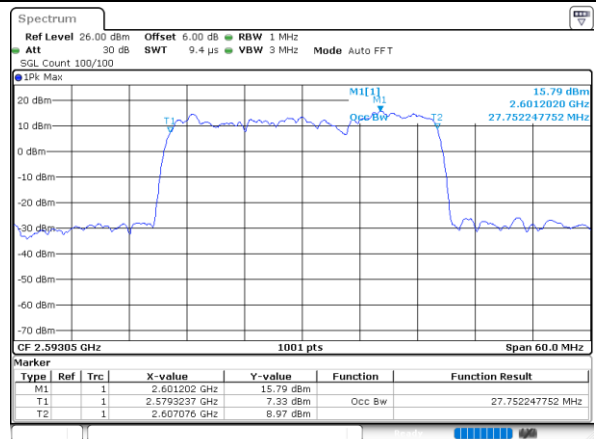
Date: 1.AUG.2024 20:54:14

Middle Channel / 20MHz+10MHz / QPSK



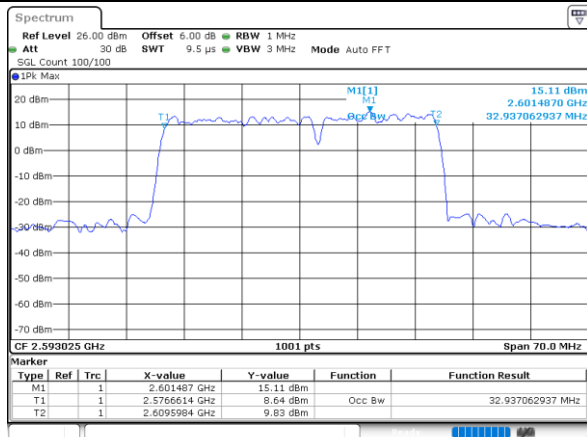
Date: 1.AUG.2024 21:26:20

Middle Channel / 20MHz+10MHz / 16QAM



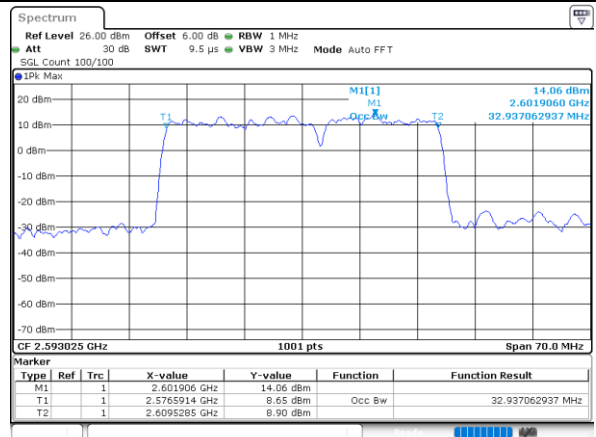
Date: 1.AUG.2024 21:26:50

Middle Channel / 20MHz+15MHz / QPSK



Date: 1.AUG.2024 22:01:00

Middle Channel / 20MHz+15MHz / 16QAM

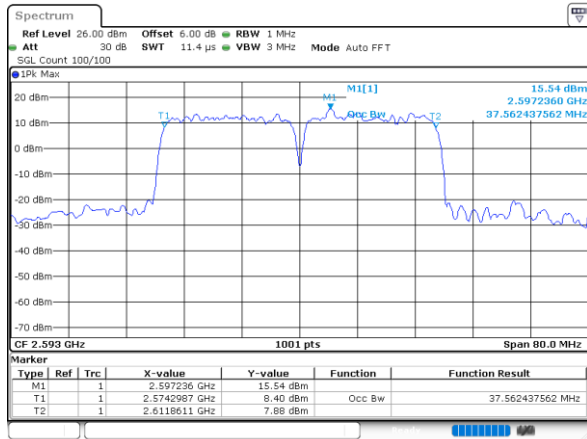


Date: 1.AUG.2024 22:01:30

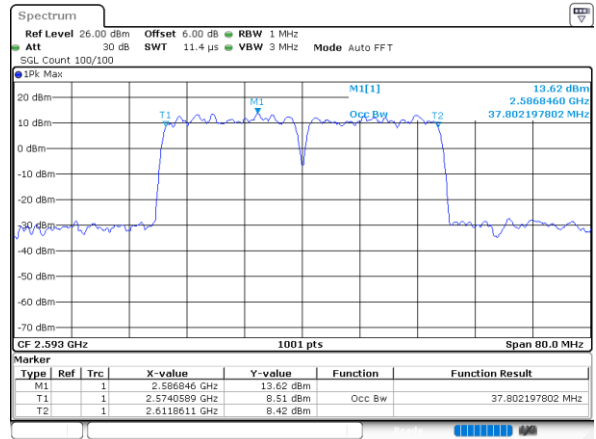


LTE Band 41C

Middle Channel / 20MHz+20MHz / QPSK



Middle Channel / 20MHz+20MHz / 16QAM



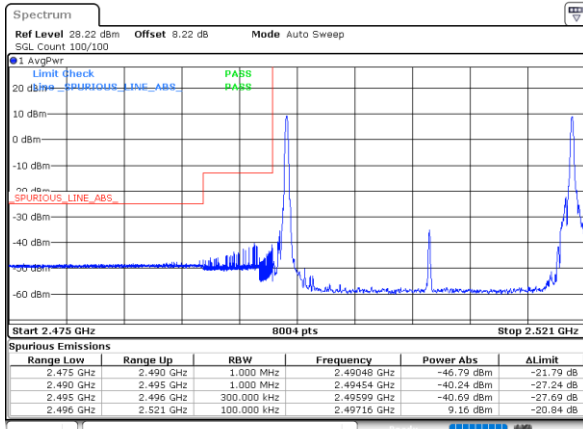


Conducted Band Edge

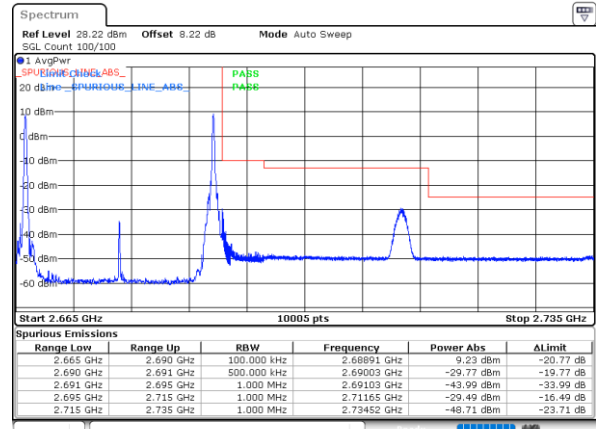
LTE Band 41C / 5MHz+20MHz

QPSK

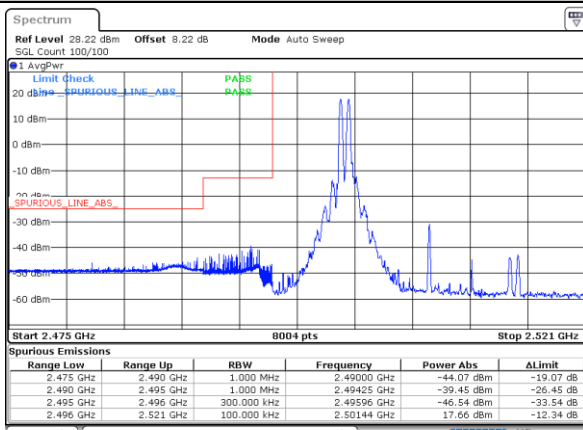
Lowest Band Edge / 1RB0 and 1RB99



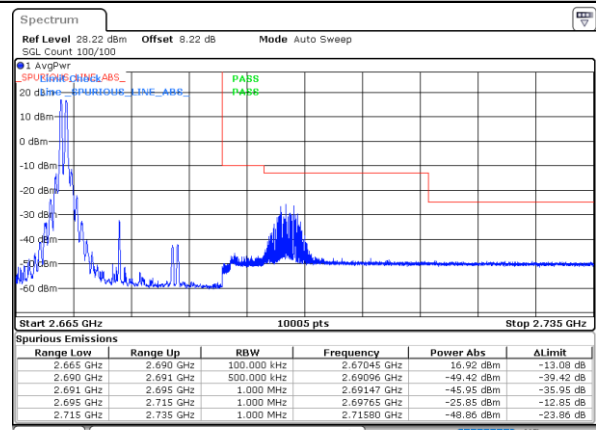
Highest Band Edge / 1RB0 and 1RB99



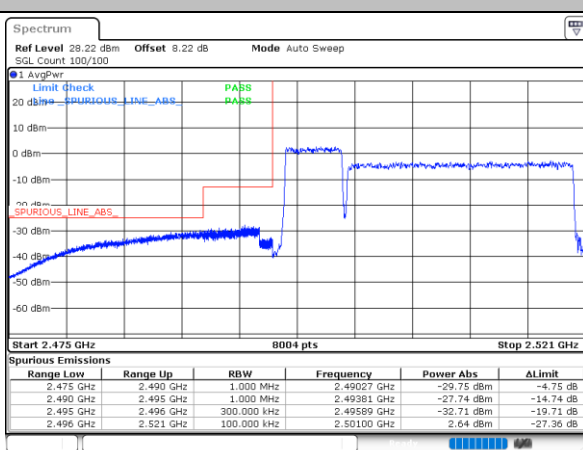
Lowest Band Edge / 1RB24 and 1RB0



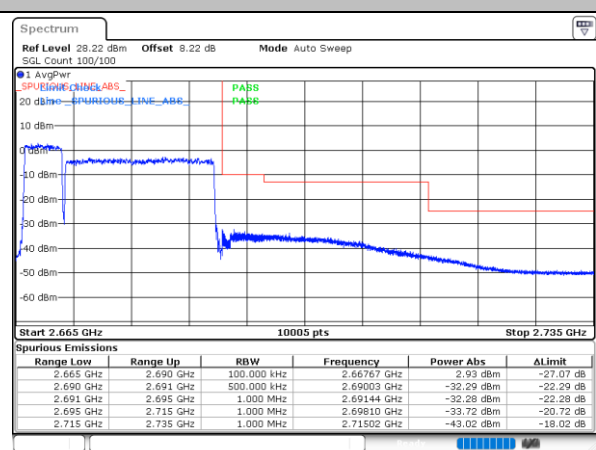
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

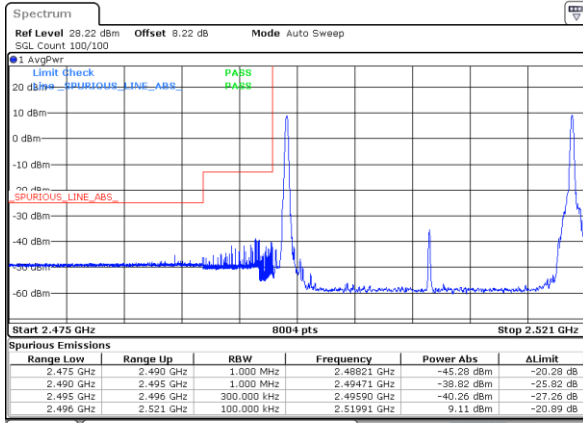




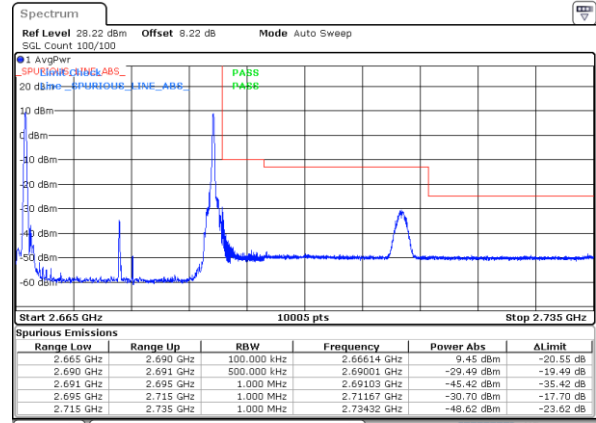
LTE Band 41C / 5MHz+20MHz

16QAM

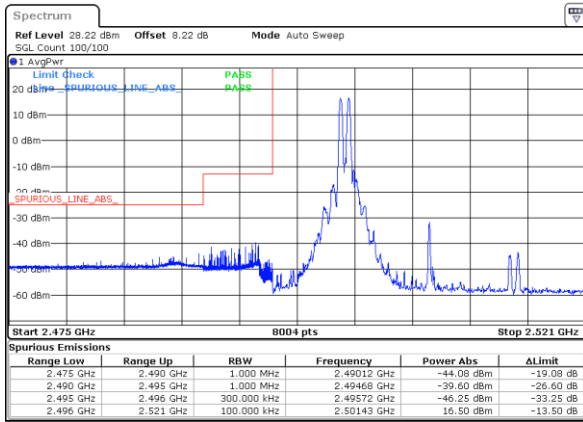
Lowest Band Edge / 1RB0 and 1RB99



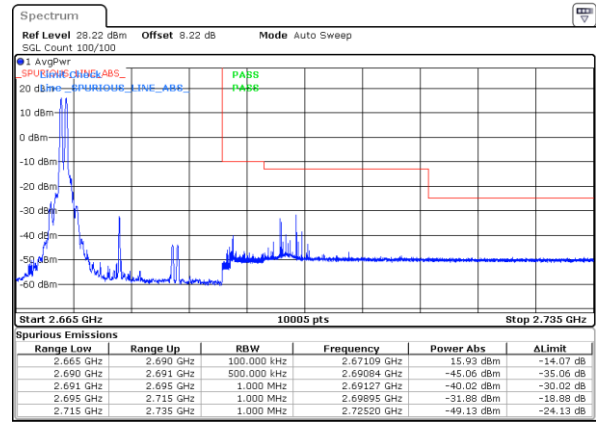
Highest Band Edge / 1RB0 and 1RB99



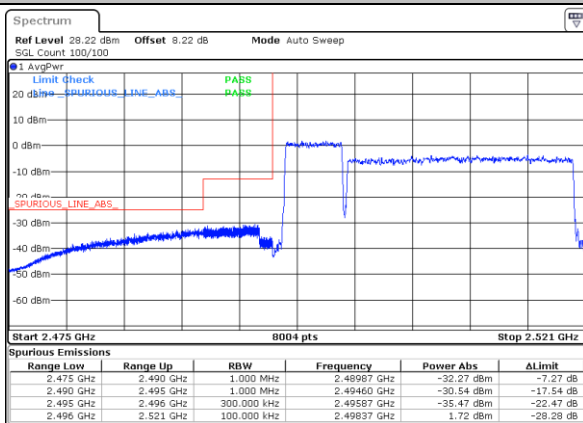
Lowest Band Edge / 1RB24 and 1RB0



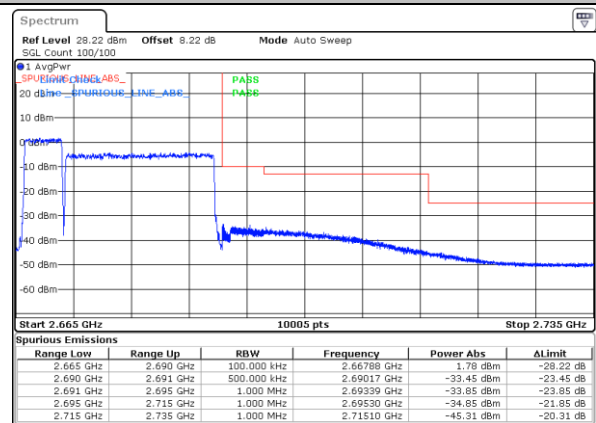
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

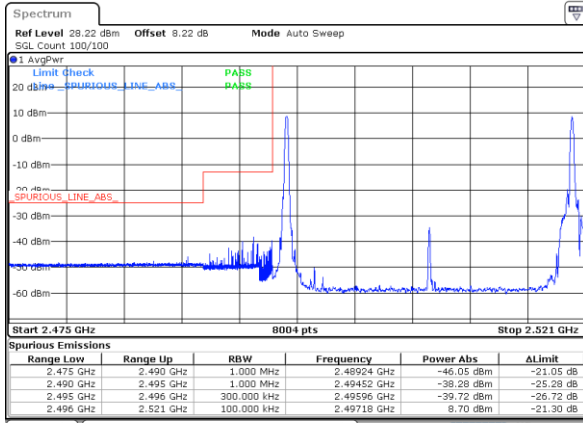




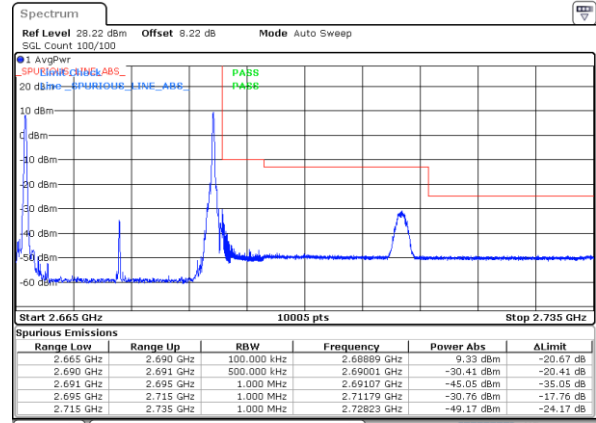
LTE Band 41C / 5MHz+20MHz

64QAM

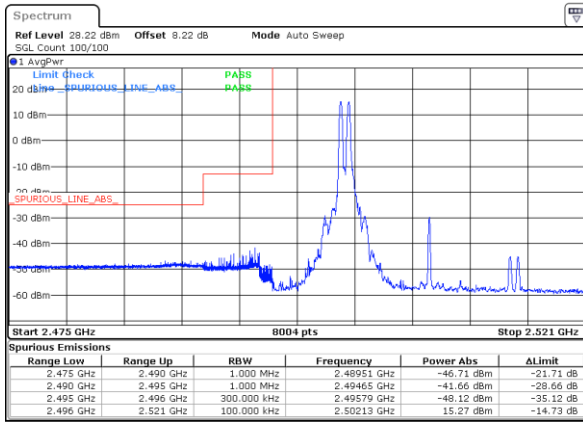
Lowest Band Edge / 1RB0 and 1RB99



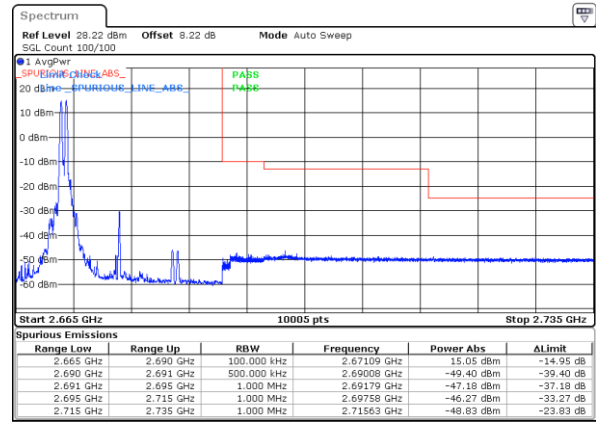
Highest Band Edge / 1RB0 and 1RB99



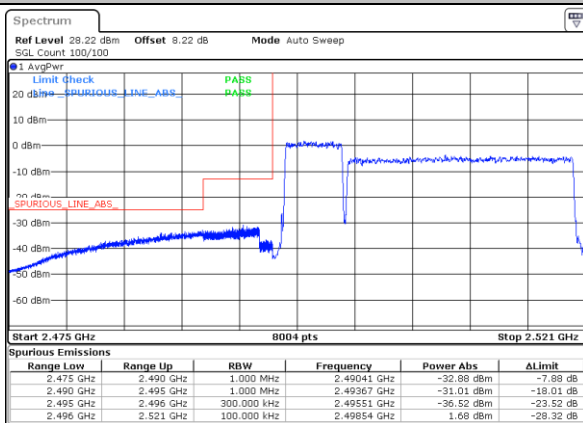
Lowest Band Edge / 1RB24 and 1RB0



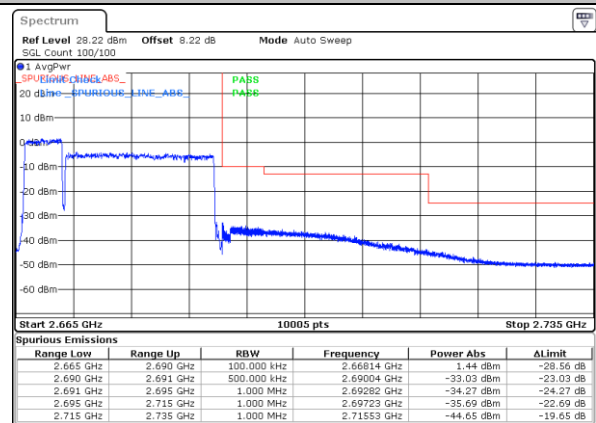
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

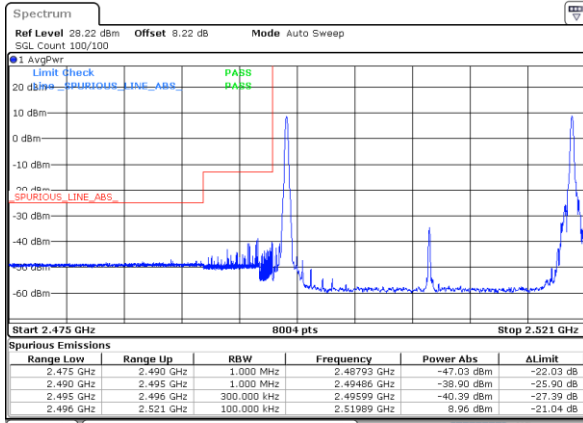




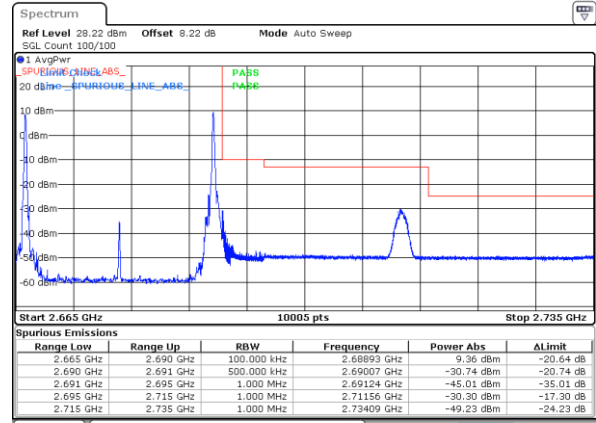
LTE Band 41C / 5MHz+20MHz

256QAM

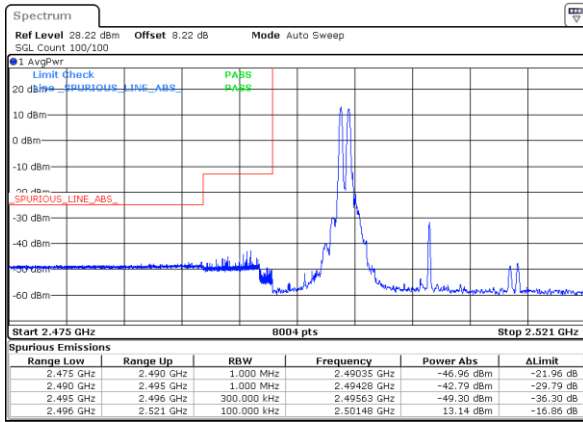
Lowest Band Edge / 1RB0 and 1RB99



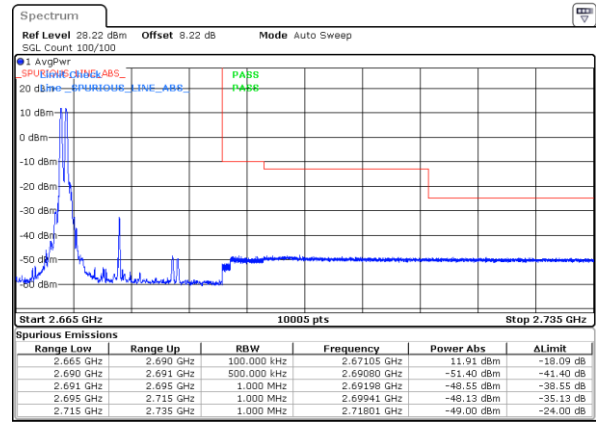
Highest Band Edge / 1RB0 and 1RB99



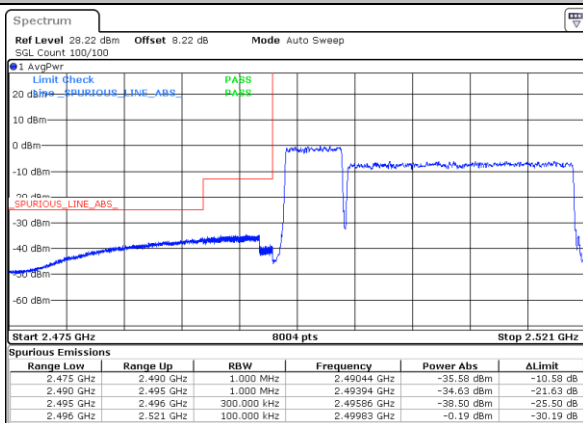
Lowest Band Edge / 1RB24 and 1RB0



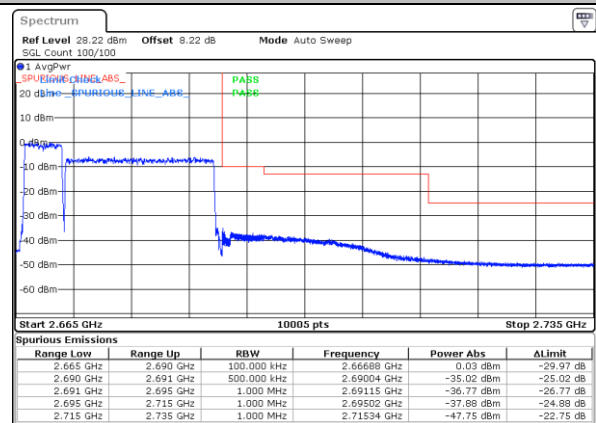
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

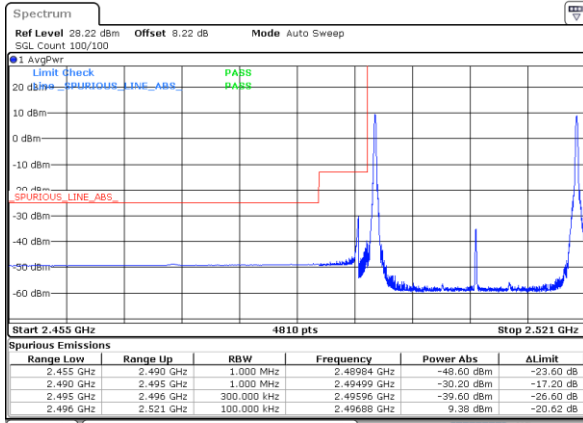




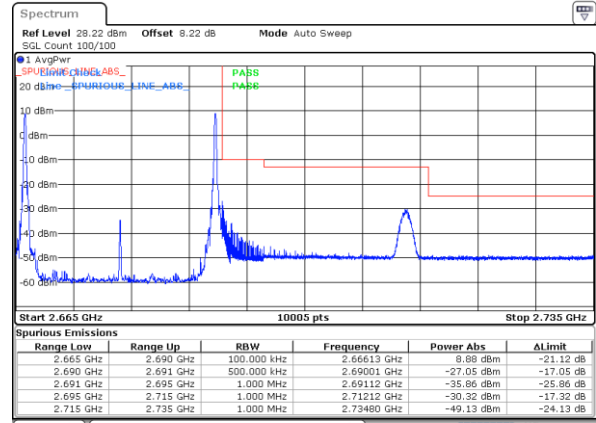
LTE Band 41C / 10MHz+15MHz

QPSK

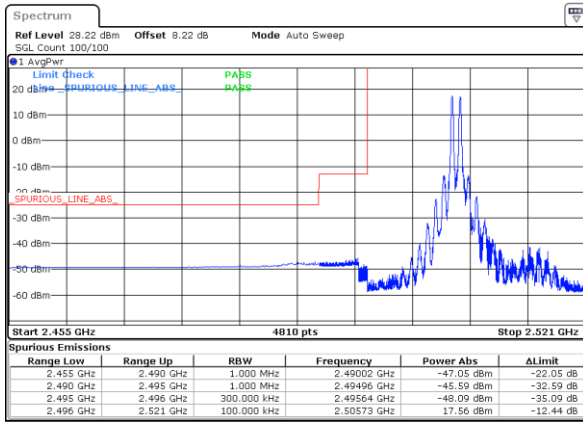
Lowest Band Edge / 1RB0 and 1RB74



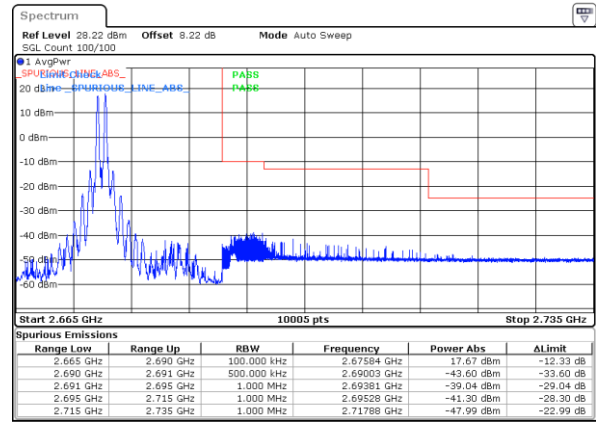
Highest Band Edge / 1RB0 and 1RB74



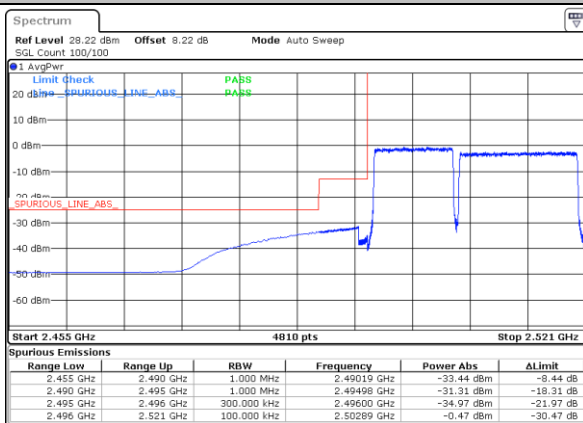
Lowest Band Edge / 1RB49 and 1RB0



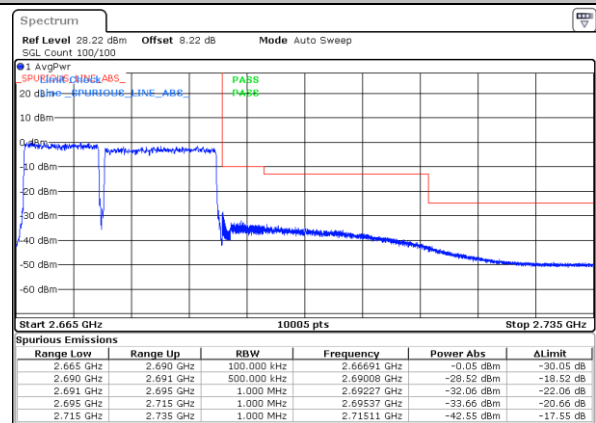
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

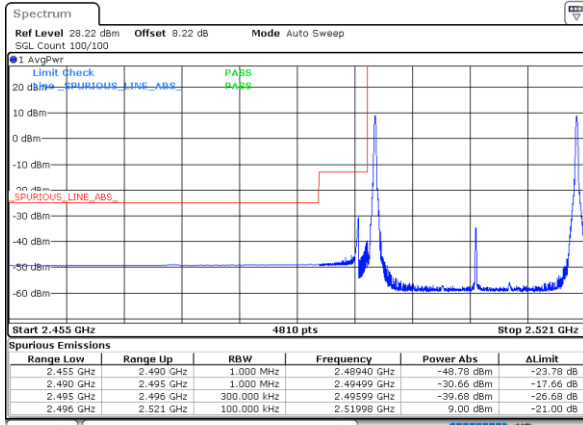




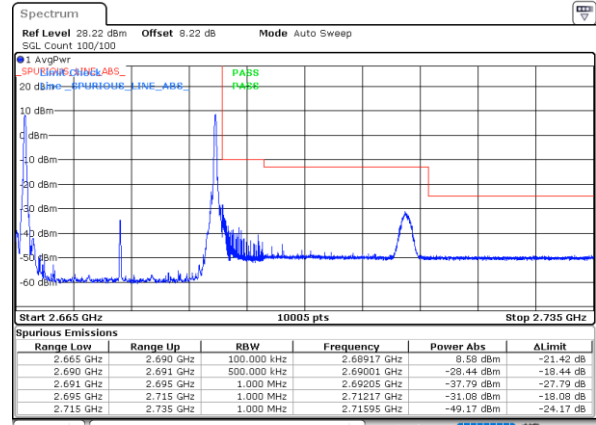
LTE Band 41C / 10MHz+15MHz

16QAM

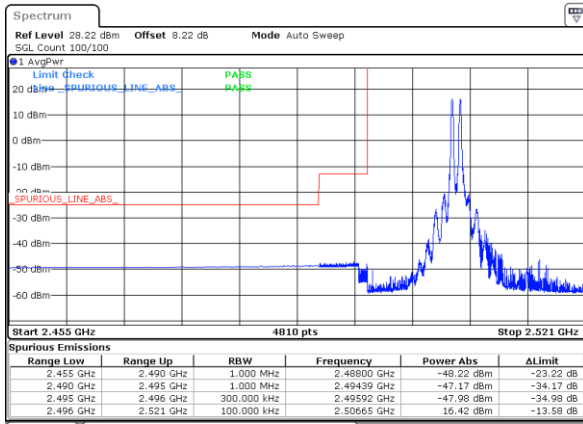
Lowest Band Edge / 1RB0 and 1RB74



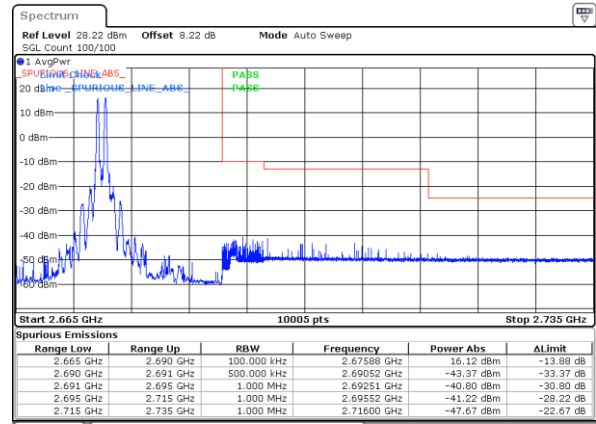
Highest Band Edge / 1RB0 and 1RB74



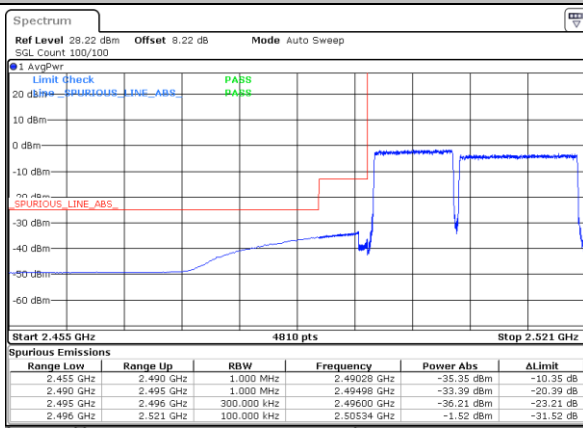
Lowest Band Edge / 1RB49 and 1RB0



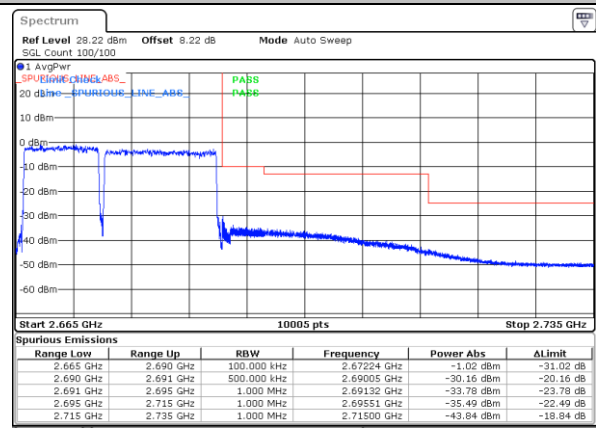
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

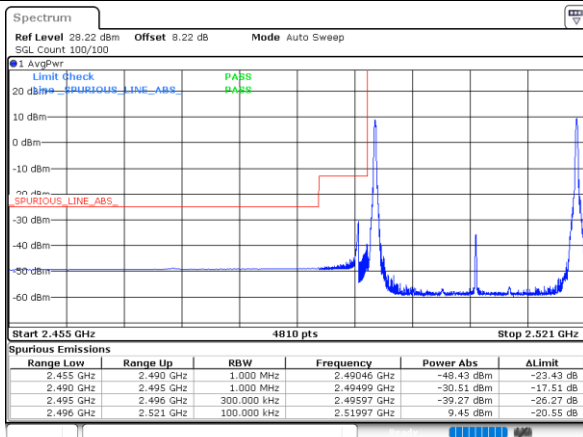




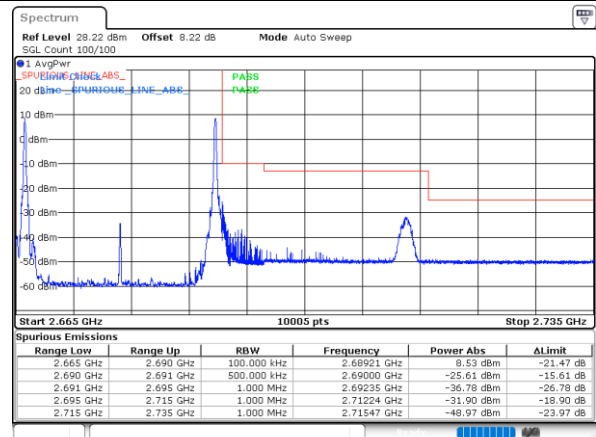
LTE Band 41C / 10MHz+15MHz

64QAM

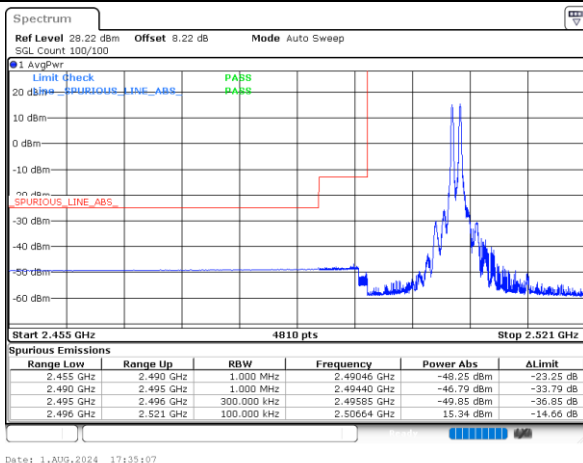
Lowest Band Edge / 1RB0 and 1RB74



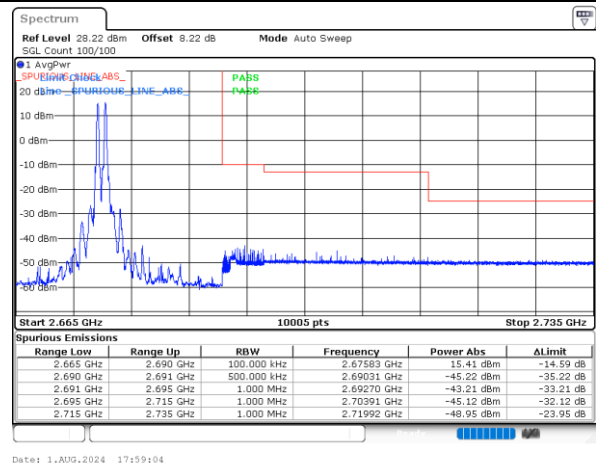
Highest Band Edge / 1RB0 and 1RB74



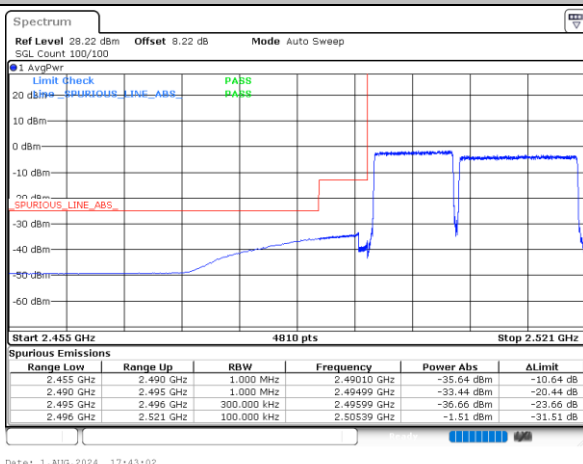
Lowest Band Edge / 1RB49 and 1RB0



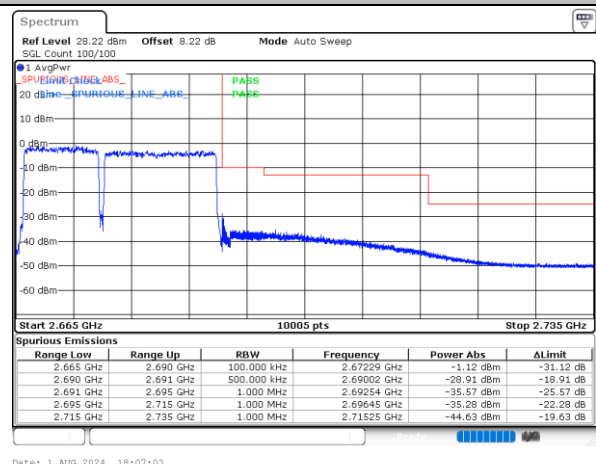
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

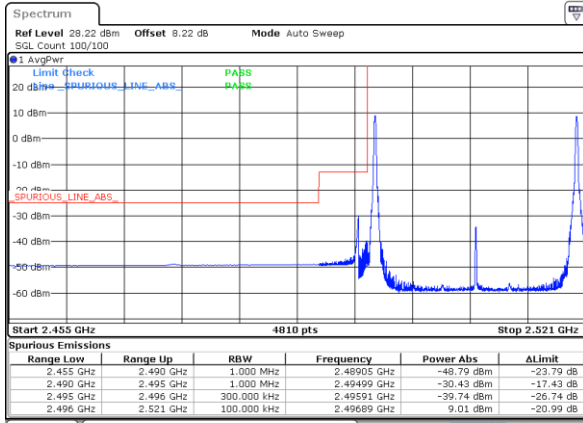




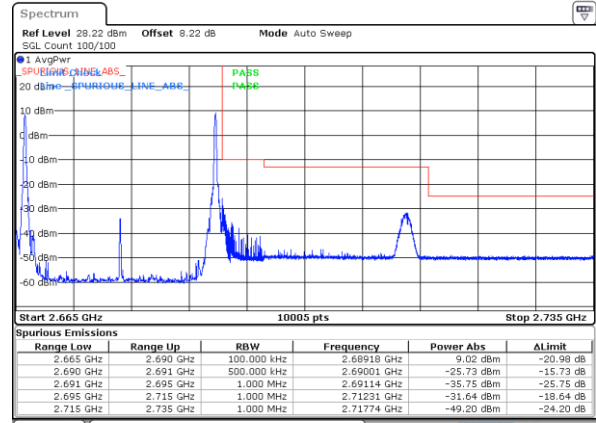
LTE Band 41C / 10MHz+15MHz

256QAM

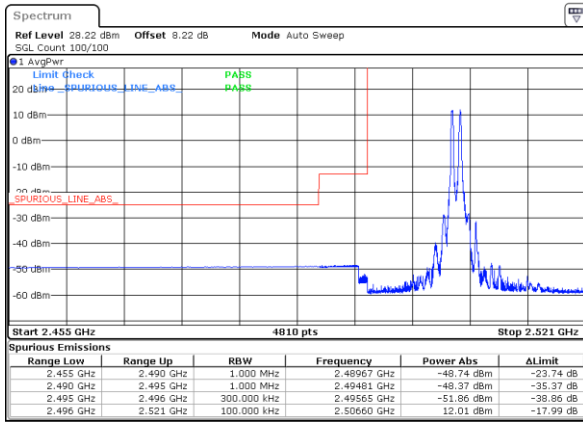
Lowest Band Edge / 1RB0 and 1RB74



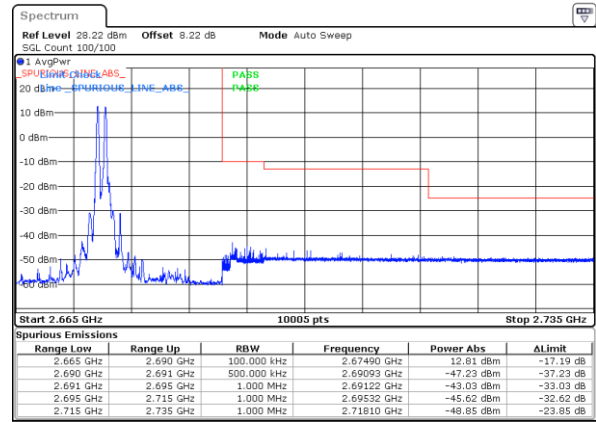
Highest Band Edge / 1RB0 and 1RB74



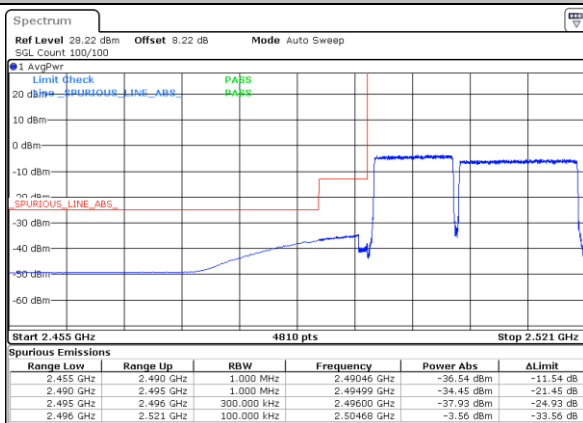
Lowest Band Edge / 1RB49 and 1RB0



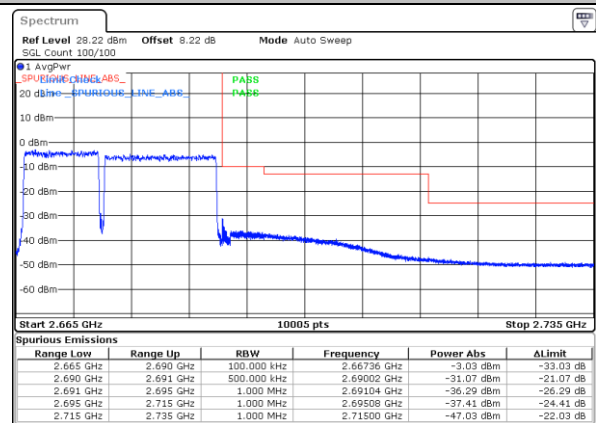
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

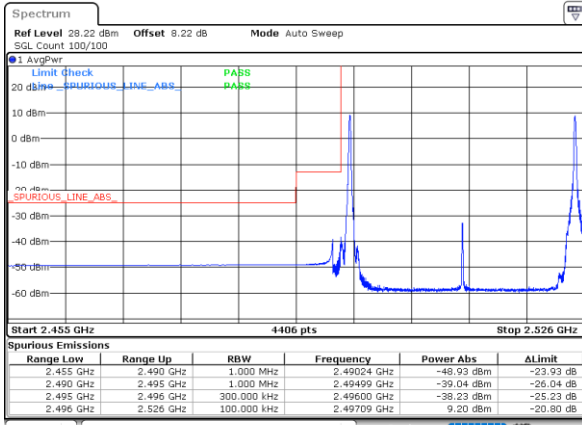




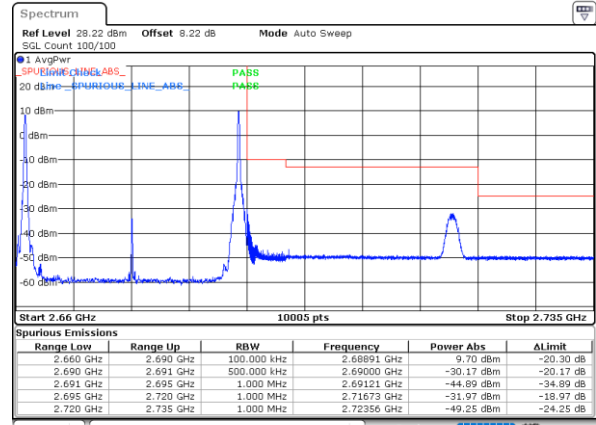
LTE Band 41C / 10MHz+20MHz

QPSK

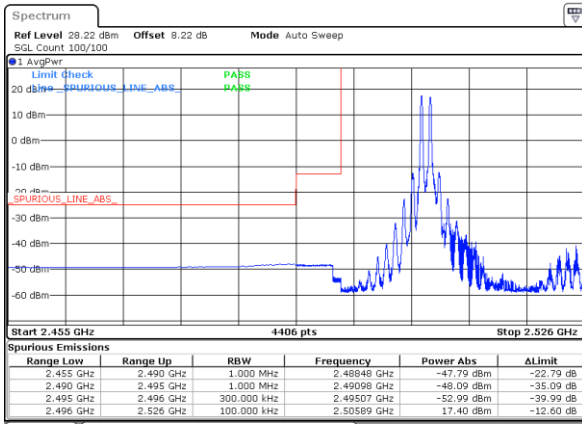
Lowest Band Edge / 1RB0 and 1RB99



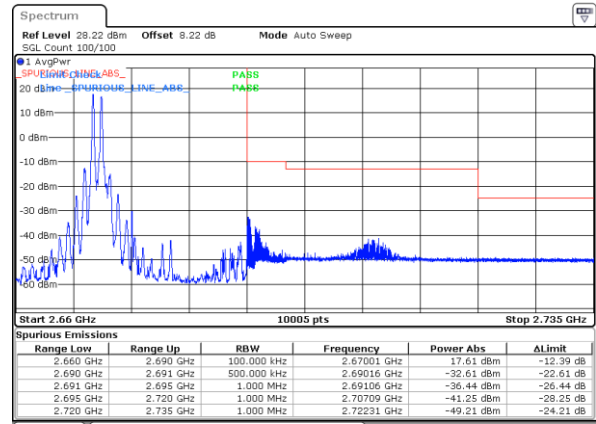
Highest Band Edge / 1RB0 and 1RB99



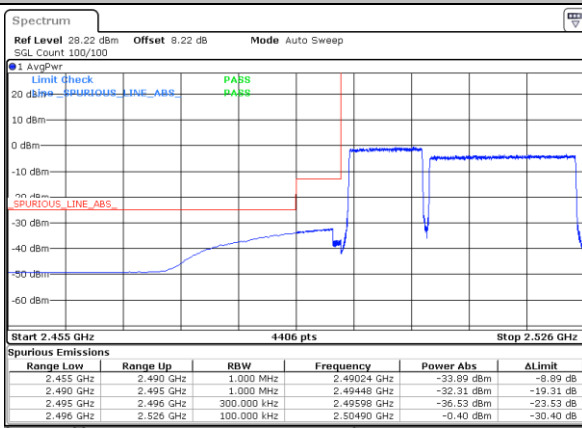
Lowest Band Edge / 1RB49 and 1RB0



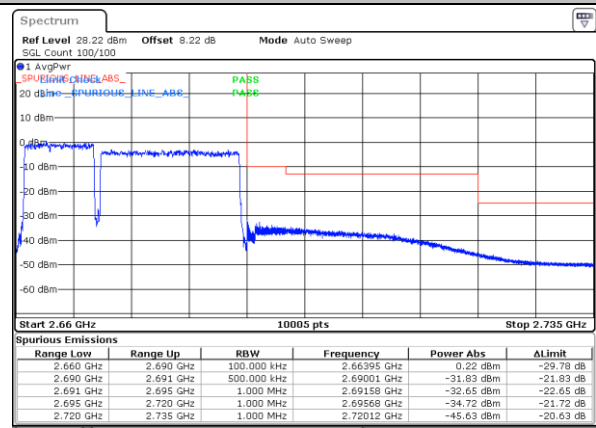
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

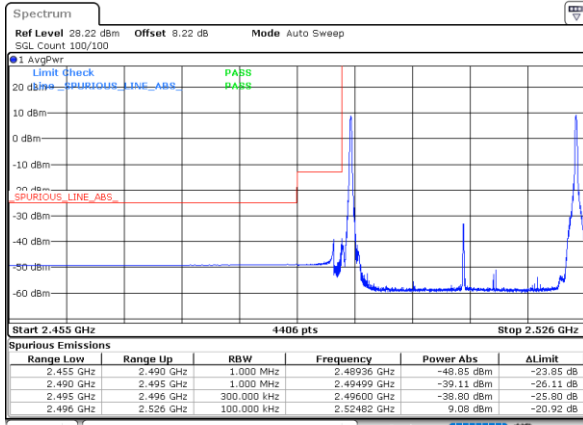




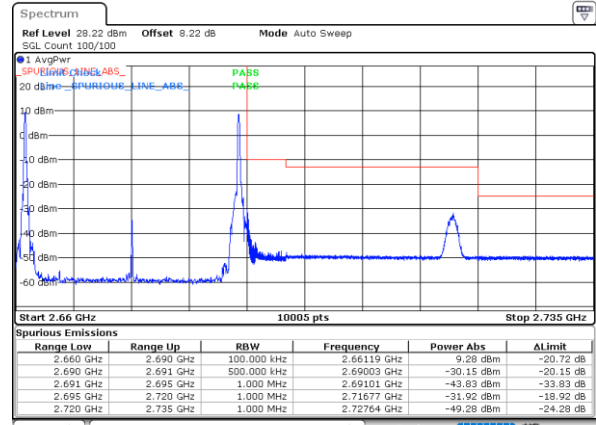
LTE Band 41C / 10MHz+20MHz

16QAM

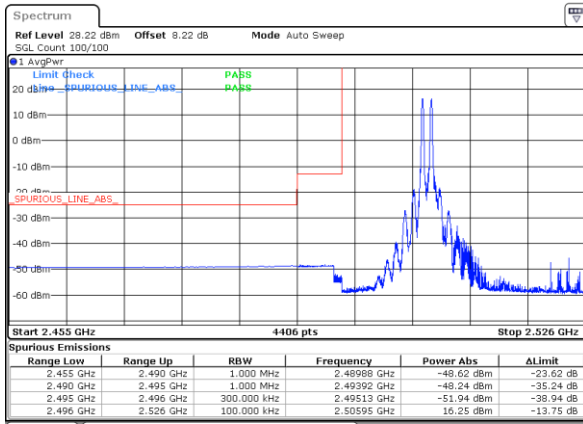
Lowest Band Edge / 1RB0 and 1RB99



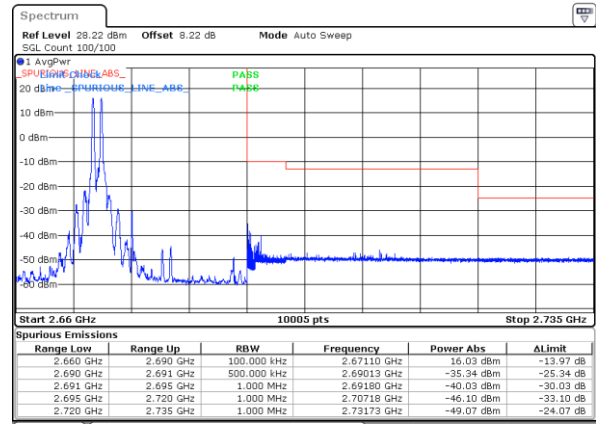
Highest Band Edge / 1RB0 and 1RB99



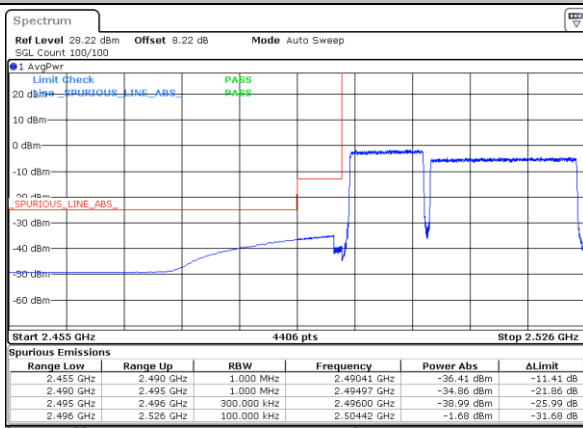
Lowest Band Edge / 1RB49 and 1RB0



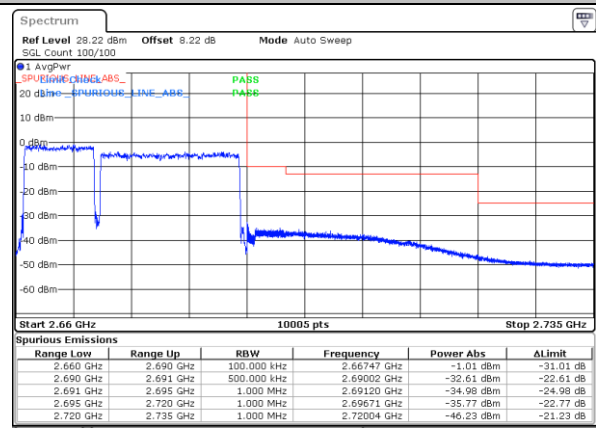
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

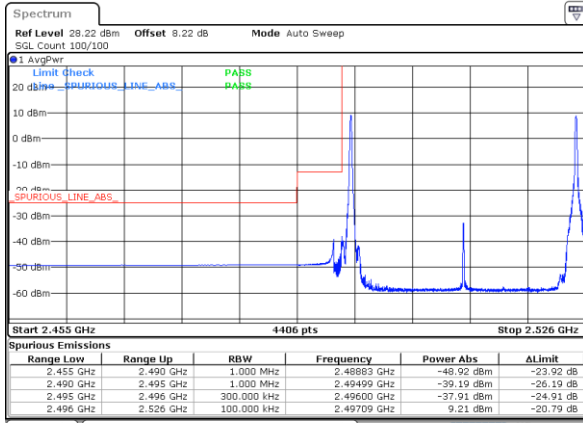




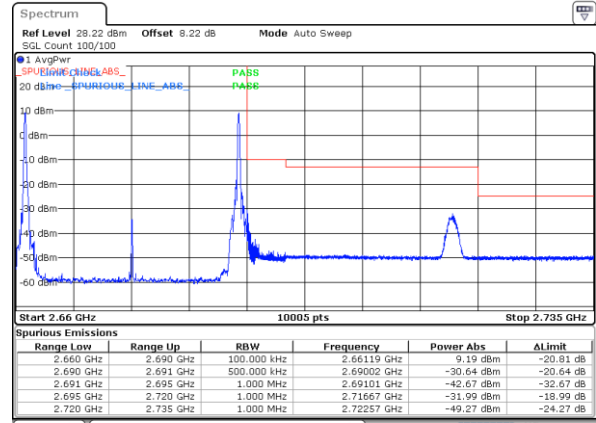
LTE Band 41C / 10MHz+20MHz

64QAM

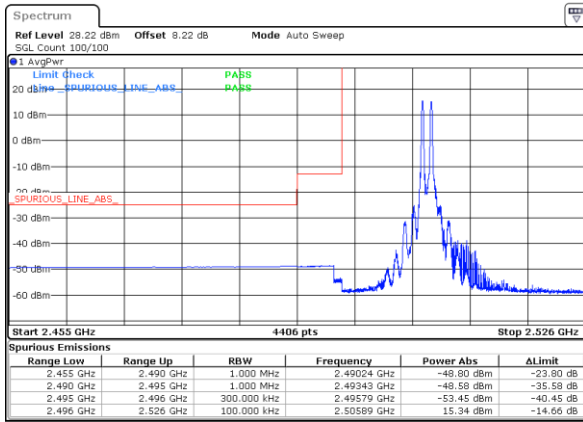
Lowest Band Edge / 1RB0 and 1RB99



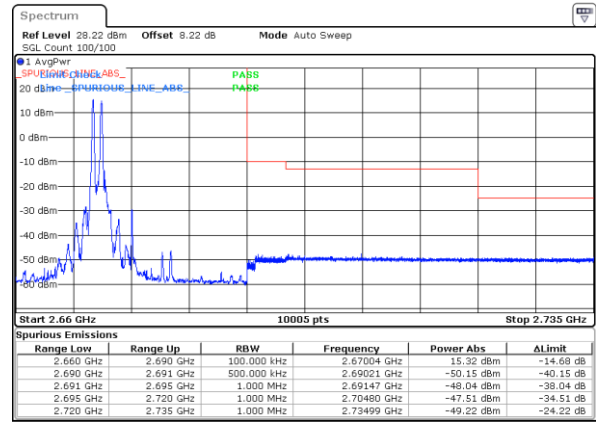
Highest Band Edge / 1RB0 and 1RB99



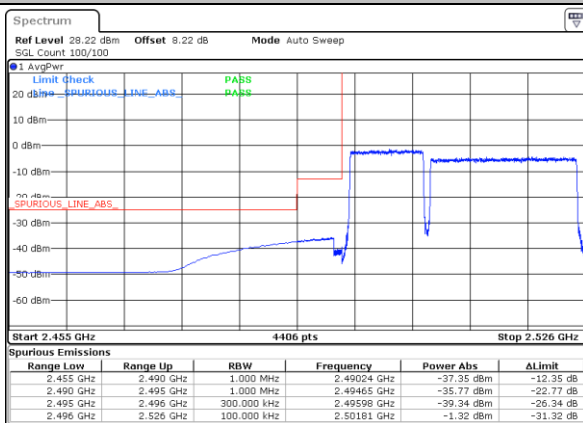
Lowest Band Edge / 1RB49 and 1RB0



Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

