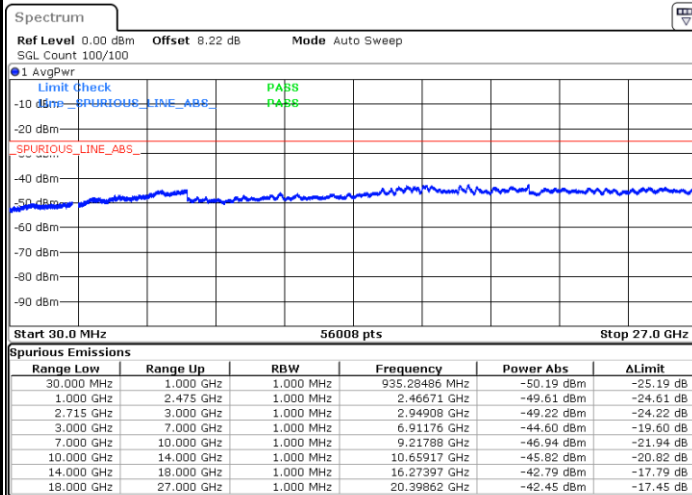




Conducted Spurious Emission

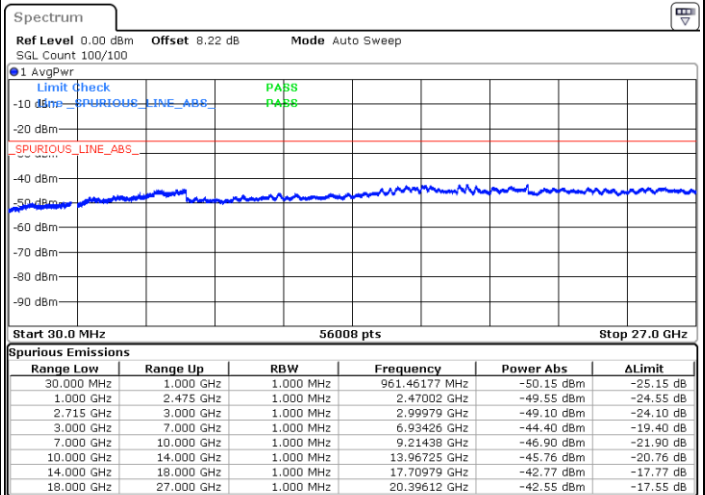
LTE Band 41 / 5MHz

Lowest Channel / QPSK



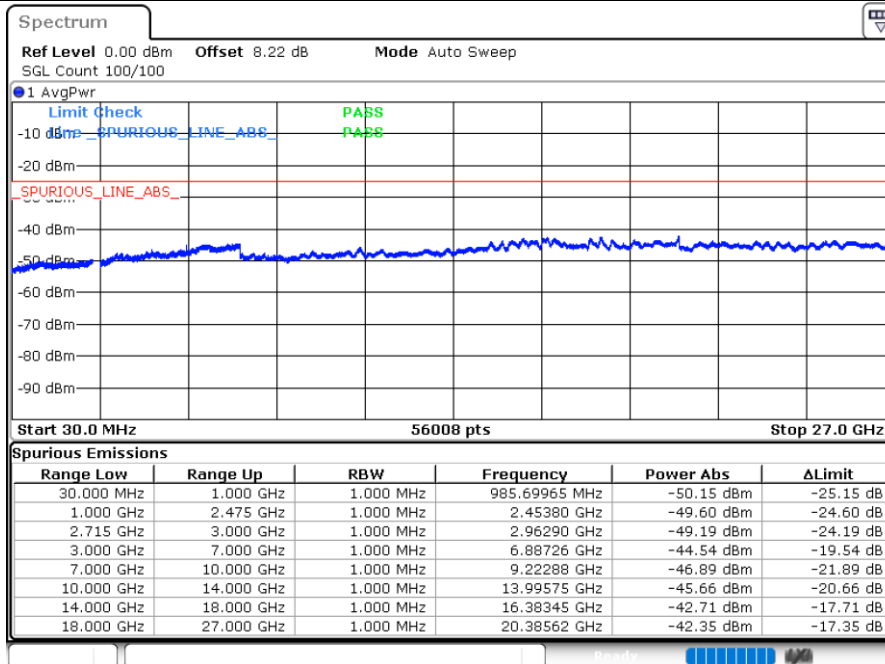
Date: 7.AUG.2024 12:47:31

Middle Channel / QPSK



Date: 7.AUG.2024 13:04:27

Highest Channel / QPSK



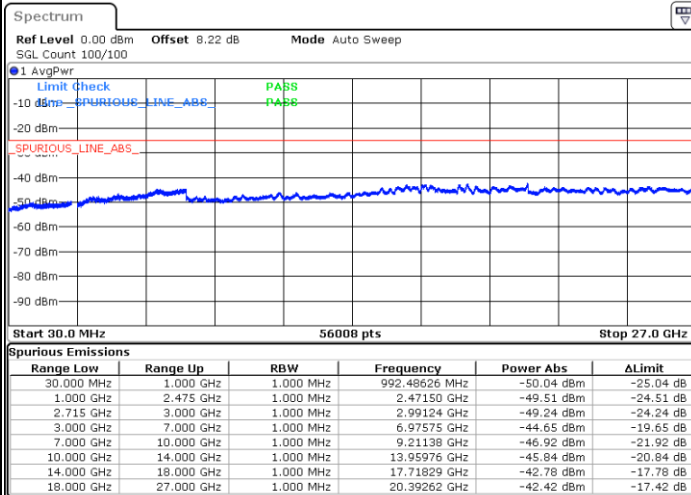
Date: 7.AUG.2024 13:11:21



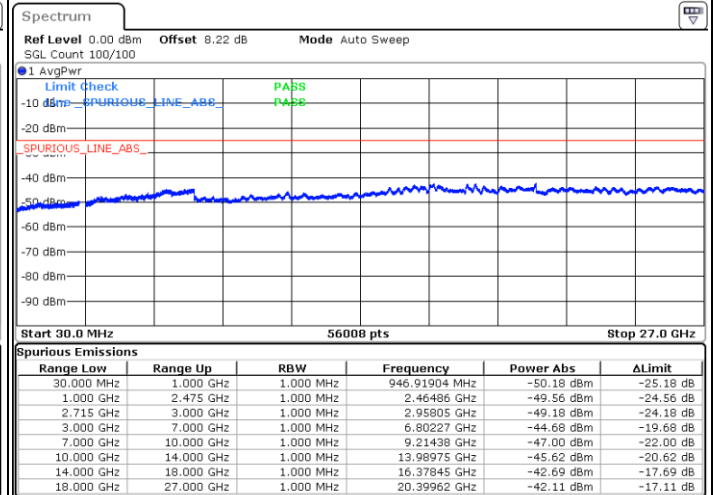
LTE Band 41 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

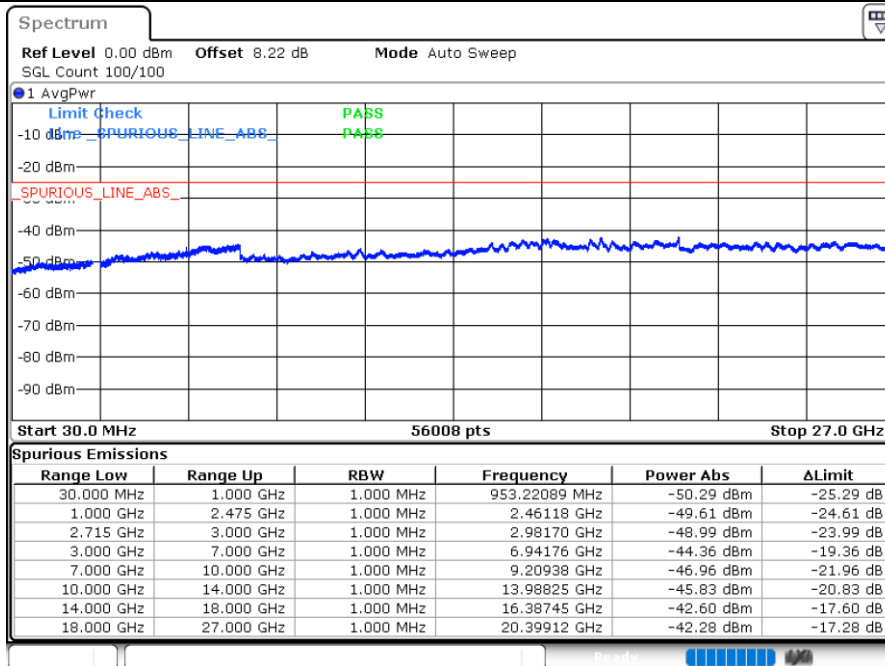


Date: 7.AUG.2024 13:18:12



Date: 7.AUG.2024 13:25:21

Highest Channel / QPSK



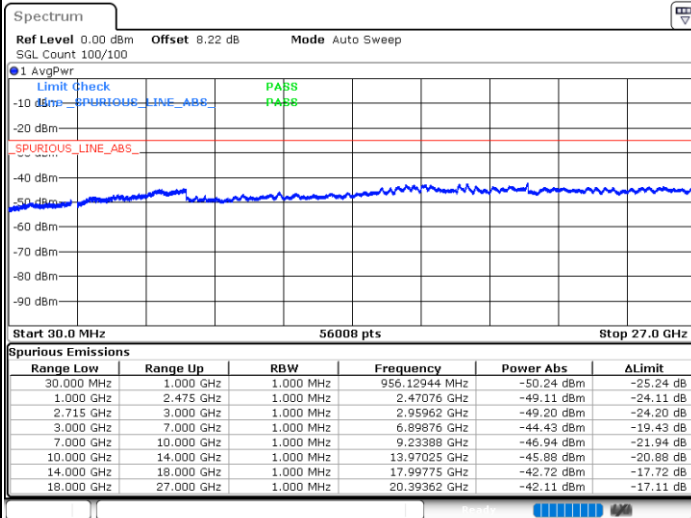
Date: 7.AUG.2024 13:29:49



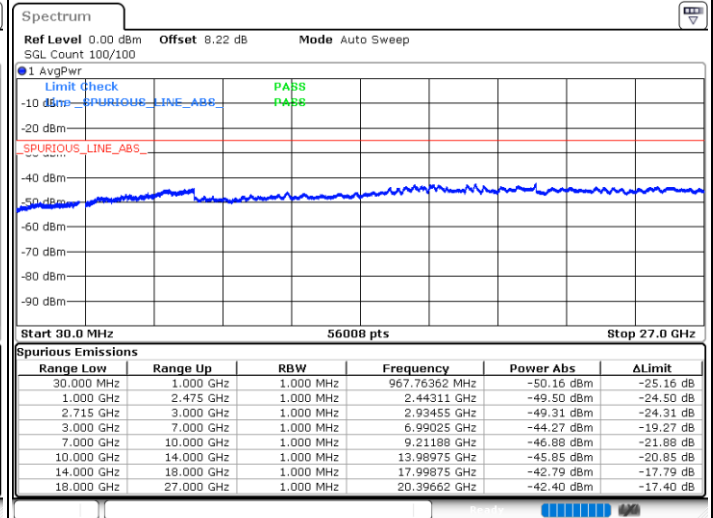
LTE Band 41 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

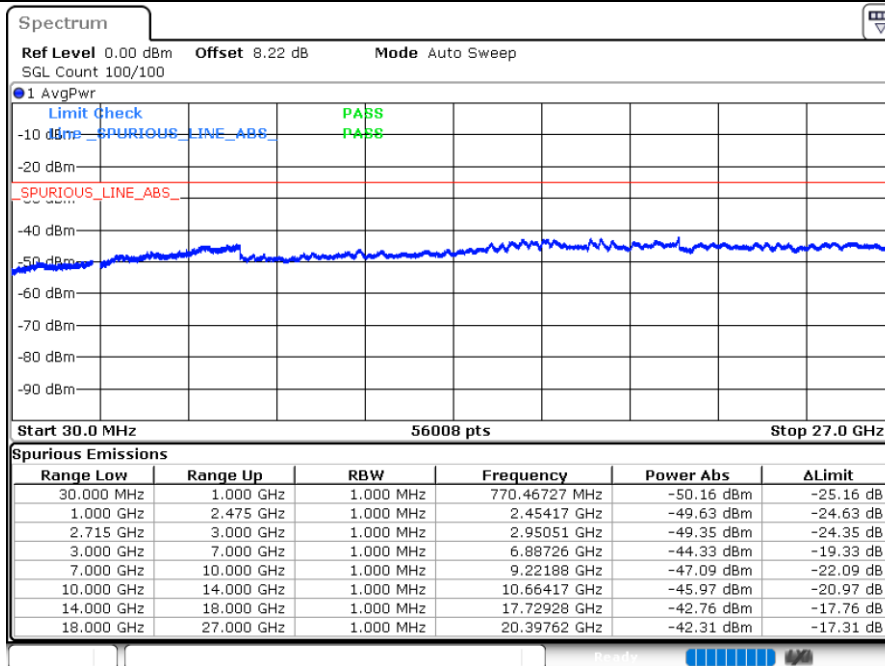


Date: 7.AUG.2024 13:35:43



Date: 7.AUG.2024 13:52:16

Highest Channel / QPSK



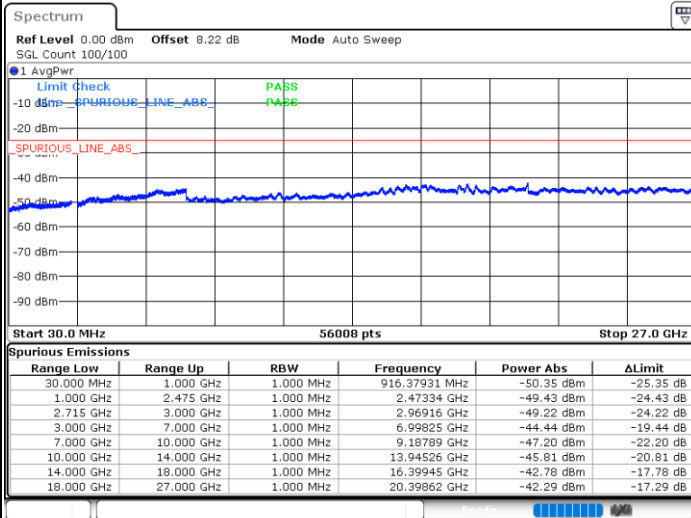
Date: 7.AUG.2024 13:53:42



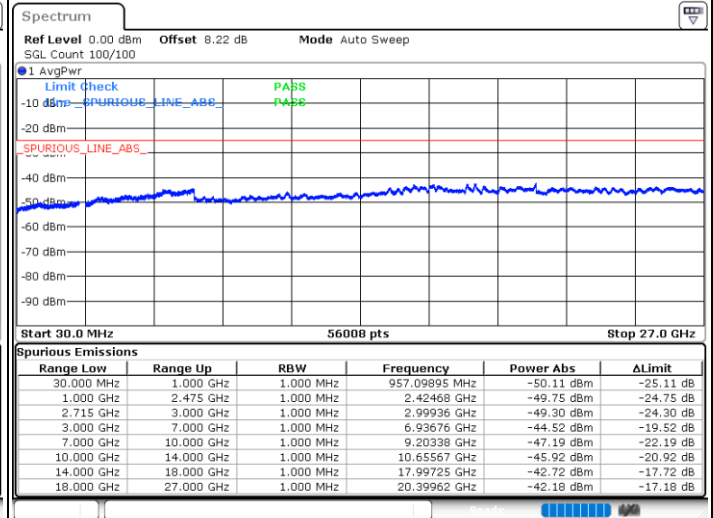
LTE Band 41 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

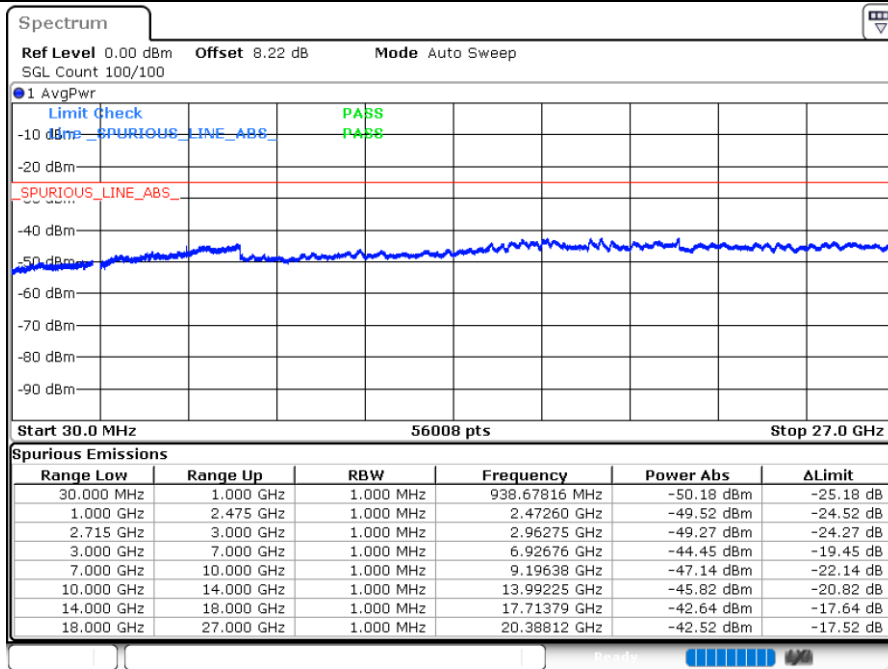


Date: 7.AUG.2024 14:01:32



Date: 7.AUG.2024 14:54:00

Highest Channel / QPSK



Date: 7.AUG.2024 14:58:01

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	0.0031	PASS
40	Normal Voltage	0.0044	
30	Normal Voltage	0.0029	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0027	
-20	Normal Voltage	0.0031	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0044	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0029	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.501 V. ; Maximum Voltage =4.279V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41C

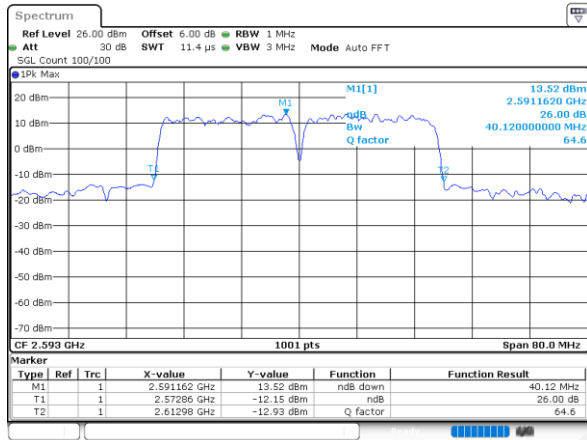
26dB Bandwidth

Mode	LTE Band 41-CA : 26dB BW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	40.12	40.12
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	35.04	34.97
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.09	29.97
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	24.98	24.88
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	34.83	34.90
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.81	30.75
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.28	25.28
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	30.03	30.03
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	25.33	25.33
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	24.88	24.83

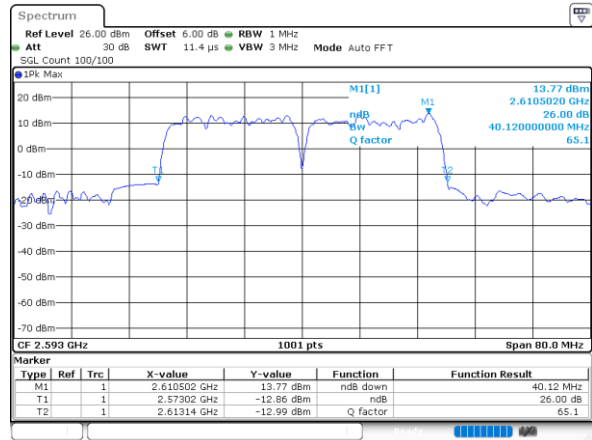


LTE Band 41

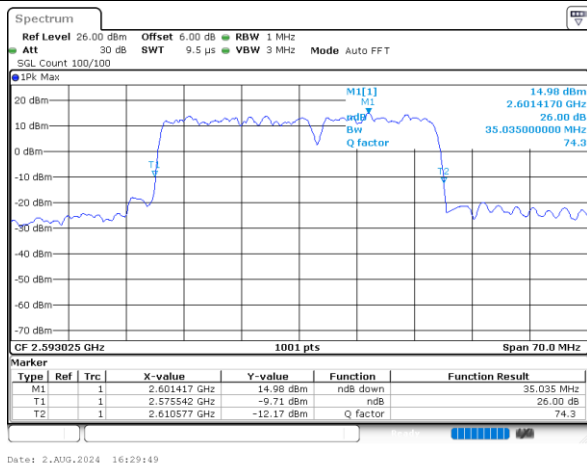
Middle Channel / 20MHz+20MHz / QPSK



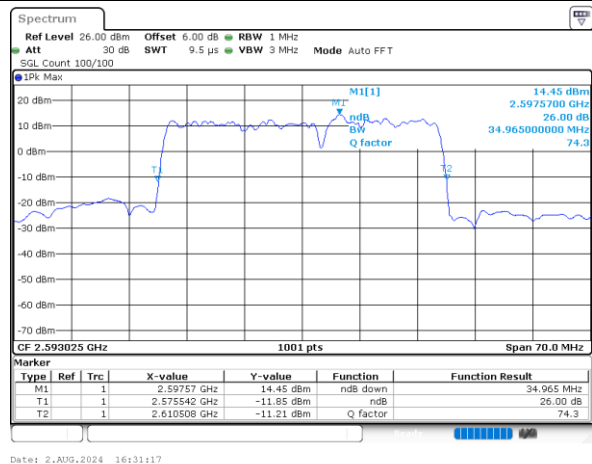
Middle Channel / 20MHz+20MHz / 16QAM



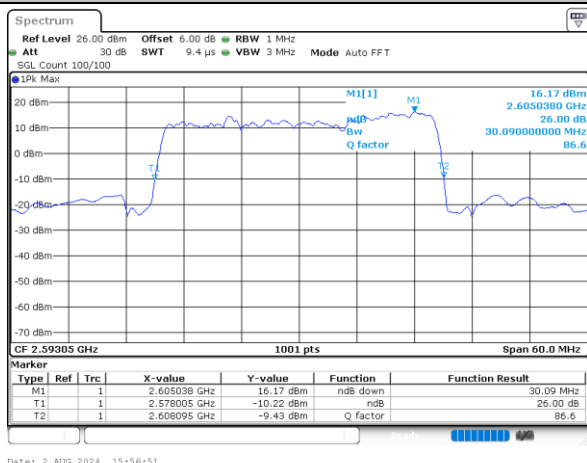
Middle Channel / 20MHz+15MHz / QPSK



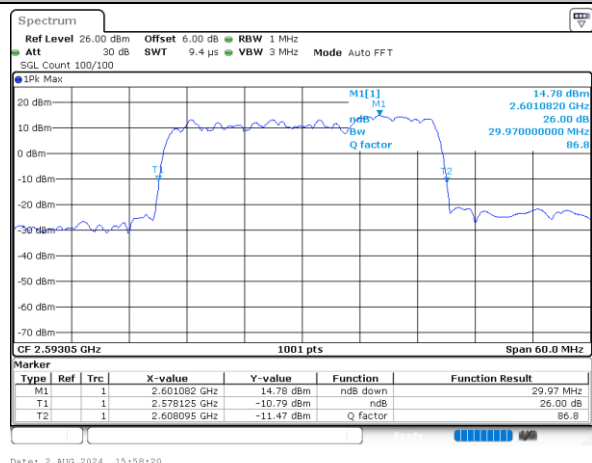
Middle Channel / 20MHz+15MHz / 16QAM



Middle Channel / 20MHz+10MHz / QPSK

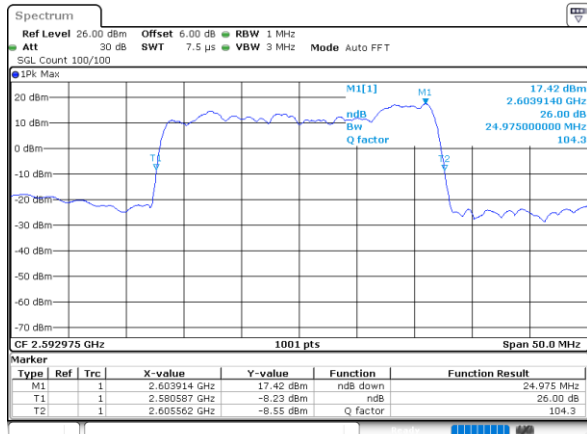


Middle Channel / 20MHz+10MHz / 16QAM



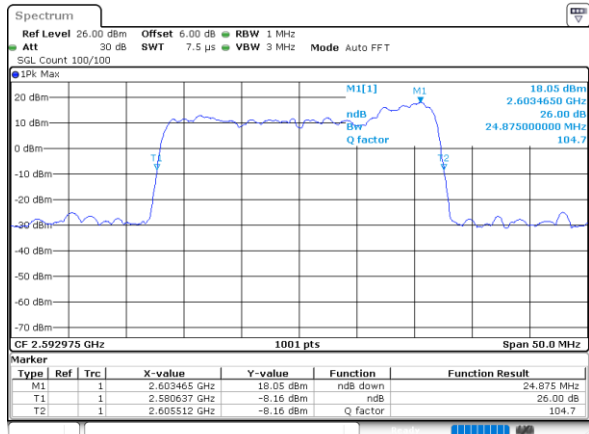


Middle Channel / 20MHz+5MHz / QPSK



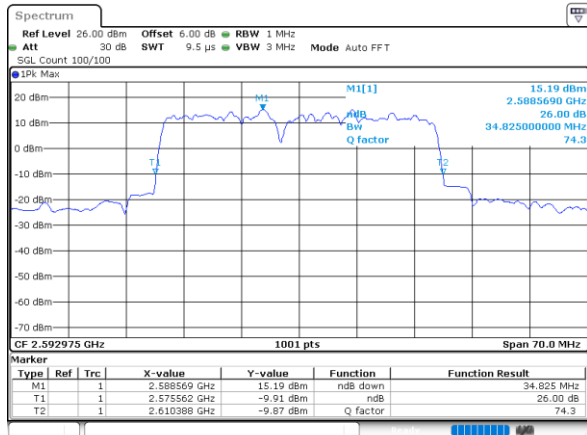
Date: 2.AUG.2024 15:07:57

Middle Channel / 20MHz+5MHz / 16QAM



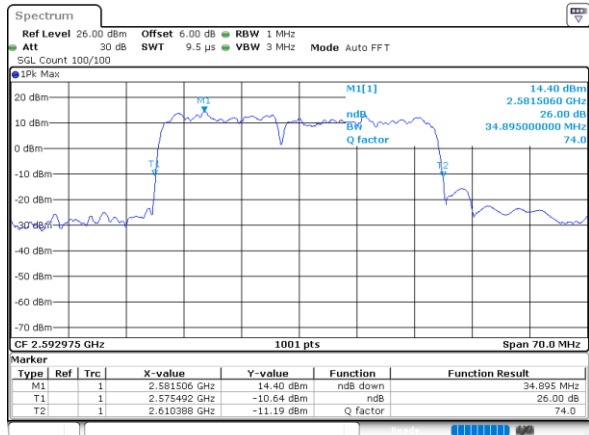
Date: 2.AUG.2024 15:09:26

Middle Channel / 15MHz+20MHz / QPSK



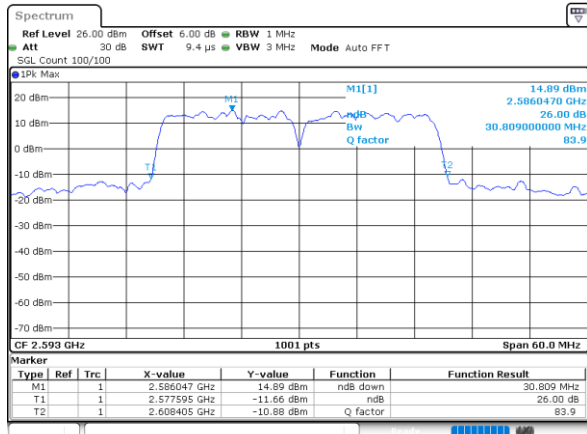
Date: 2.AUG.2024 14:36:45

Middle Channel / 15MHz+20MHz / 16QAM



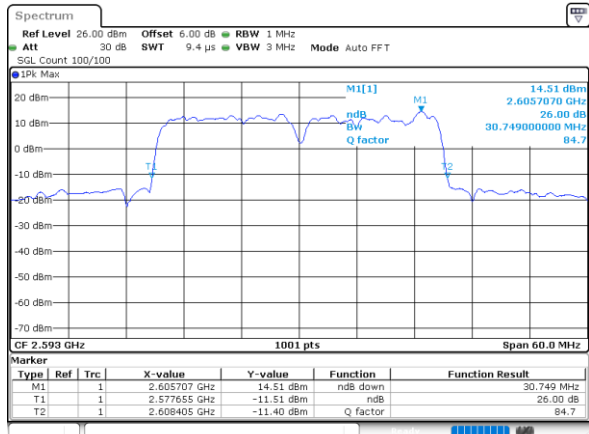
Date: 2.AUG.2024 14:38:13

Middle Channel / 15MHz+15MHz / QPSK



Date: 2.AUG.2024 18:04:08

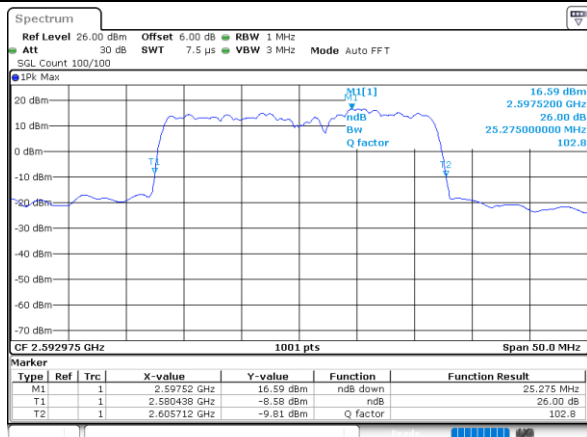
Middle Channel / 15MHz+15MHz / 16QAM



Date: 2.AUG.2024 18:03:32

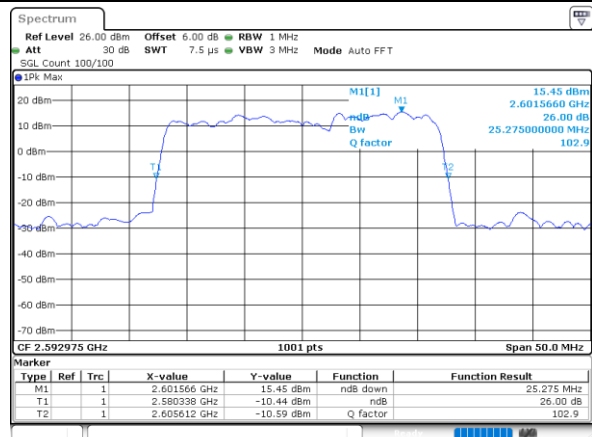


Middle Channel /15MHz+10MHz / QPSK



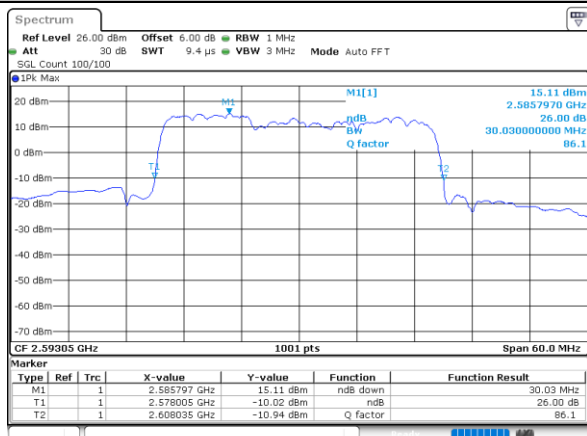
Date: 2.AUG.2024 13:35:12

Middle Channel / 15MHz+10MHz / 16QAM



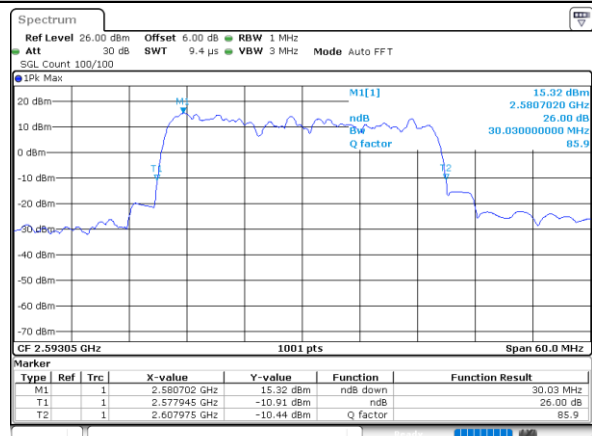
Date: 2.AUG.2024 13:36:41

Middle Channel / 10MHz+20MHz / QPSK



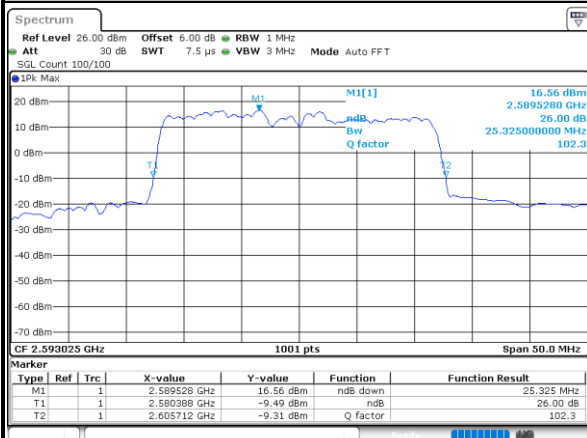
Date: 2.AUG.2024 13:03:57

Middle Channel / 10MHz+20MHz / 16QAM



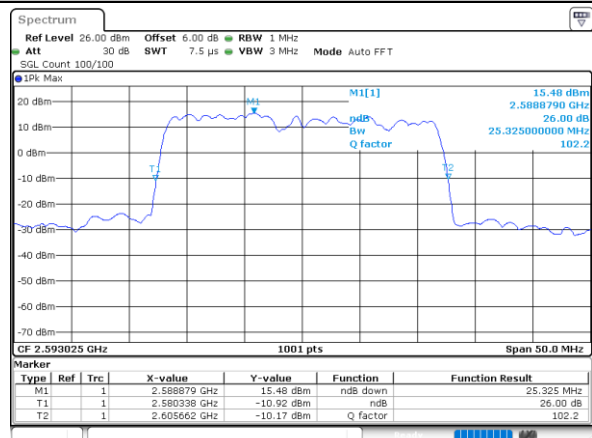
Date: 2.AUG.2024 13:09:25

Middle Channel / 10MHz+15MHz / QPSK



Date: 2.AUG.2024 12:32:38

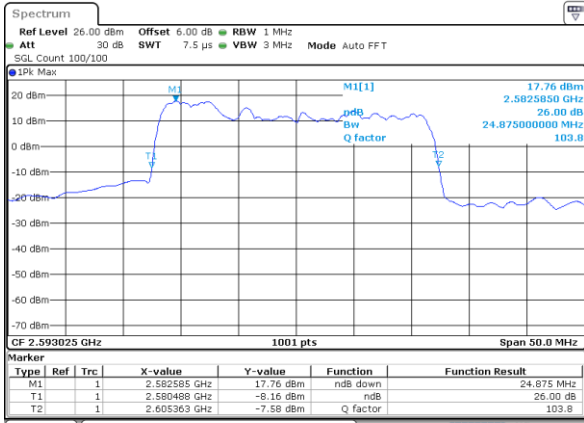
Middle Channel / 10MHz+15MHz / 16QAM



Date: 2.AUG.2024 12:34:06

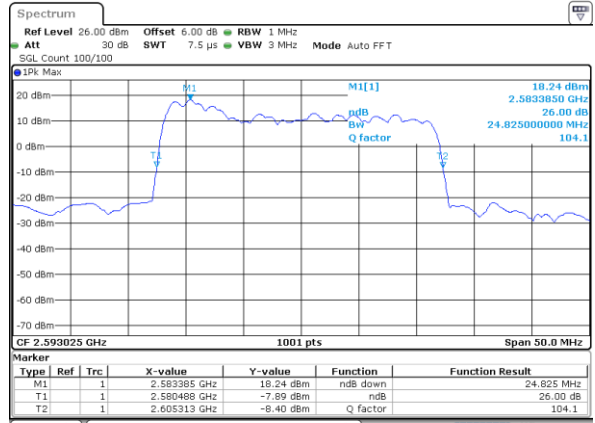


Middle Channel /5MHz+20MHz / QPSK



Date: 2.AUG.2024 12:01:14

Middle Channel / 5MHz+20MHz / 16QAM



Date: 2.AUG.2024 12:02:42

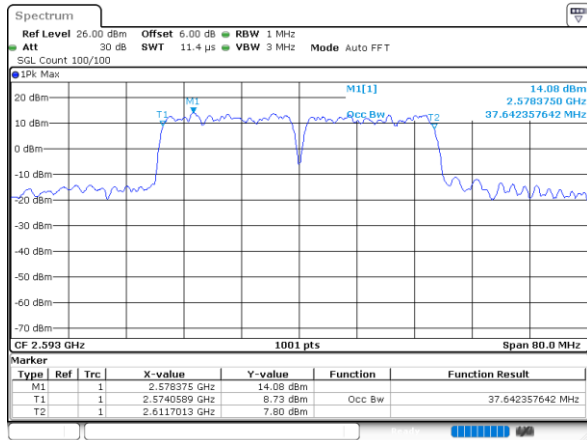
**Occupied Bandwidth**

Mode	LTE Band 41-CA : 99%OBW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.64	38.20
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	32.80	32.87
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	27.87	28.17
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	23.33	23.08
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	32.94	32.87
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.71	28.53
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.28	23.43
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	28.11	28.05
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	23.53	23.43
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	23.28	23.33

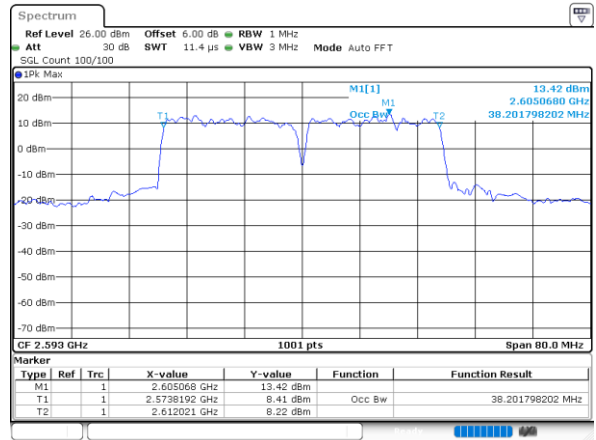


LTE Band 41

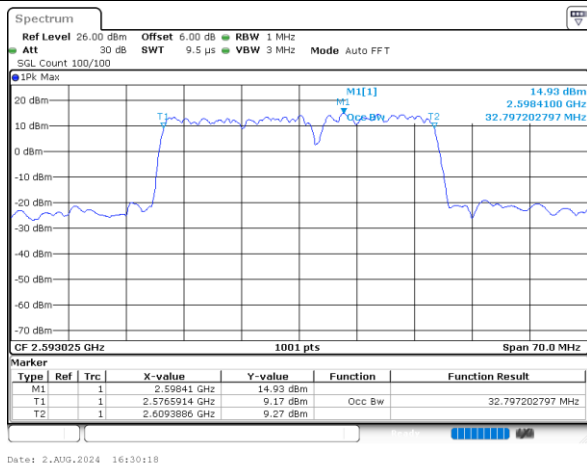
Middle Channel / 20MHz+20MHz / QPSK



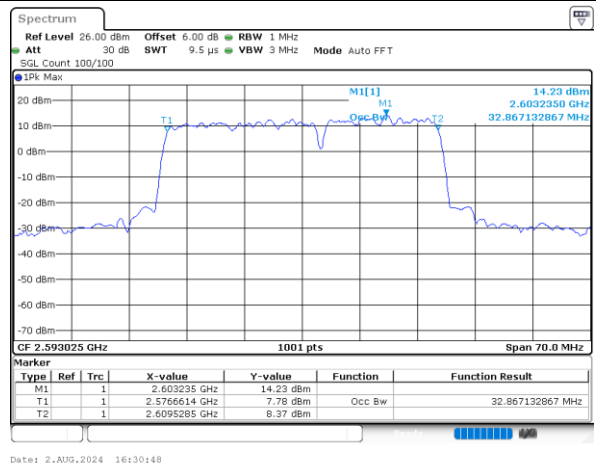
Middle Channel / 20MHz+20MHz / 16QAM



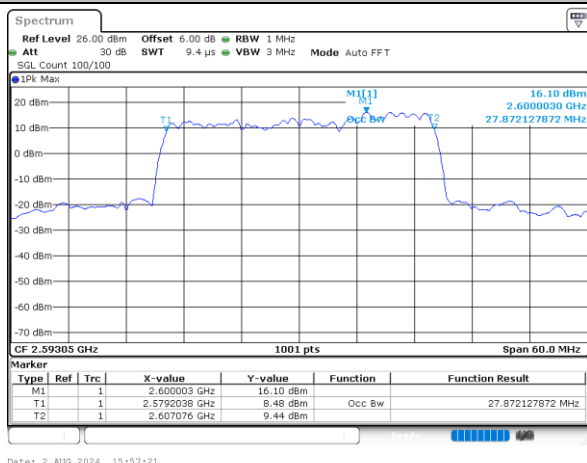
Middle Channel / 20MHz+15MHz / QPSK



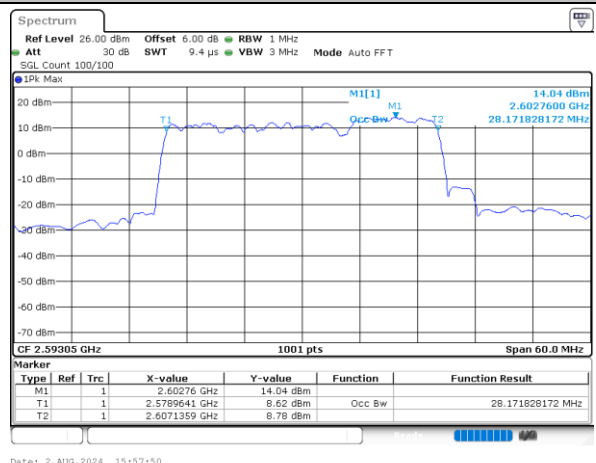
Middle Channel / 20MHz+15MHz / 16QAM



Middle Channel / 20MHz+10MHz / QPSK

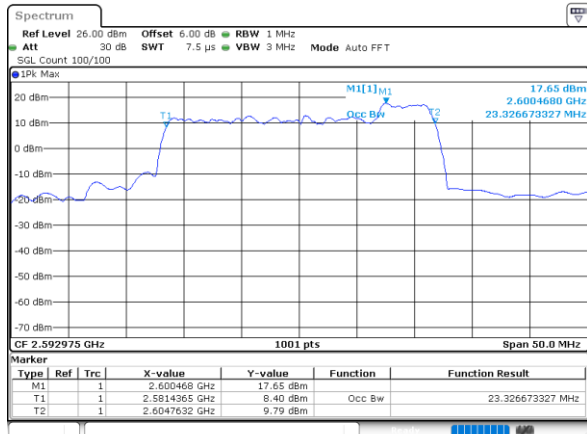


Middle Channel / 20MHz+10MHz / 16QAM



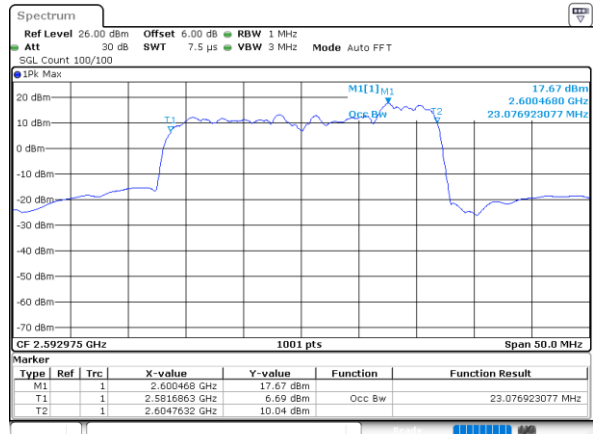


Middle Channel / 20MHz+5MHz / QPSK



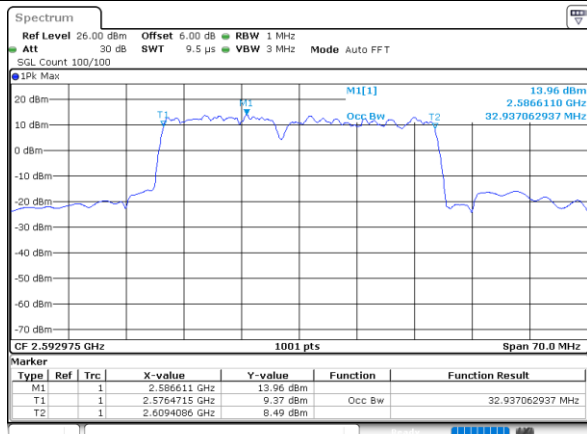
Date: 2.AUG.2024 15:08:27

Middle Channel / 20MHz+5MHz / 16QAM



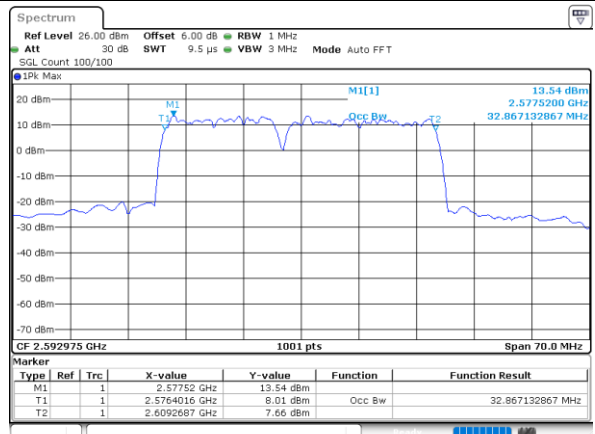
Date: 2.AUG.2024 15:08:57

Middle Channel / 15MHz+20MHz / QPSK



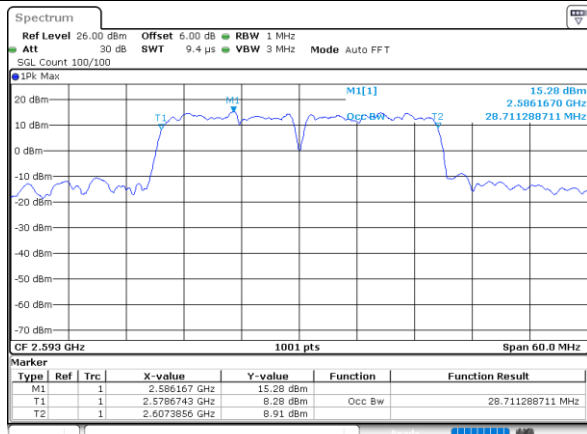
Date: 2.AUG.2024 14:37:14

Middle Channel /15MHz+20MHz / 16QAM



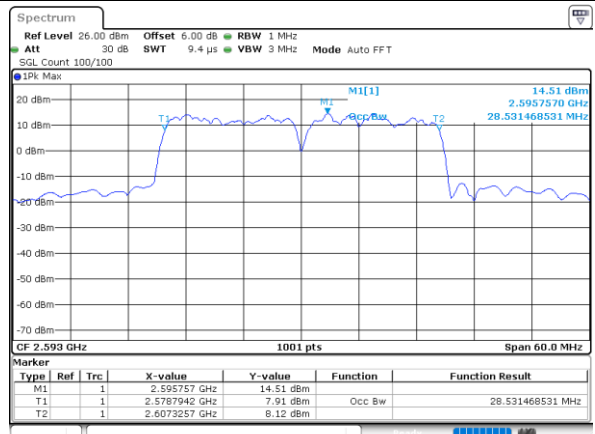
Date: 2.AUG.2024 14:37:44

Middle Channel / 15MHz+15MHz / QPSK



Date: 2.AUG.2024 14:05:50

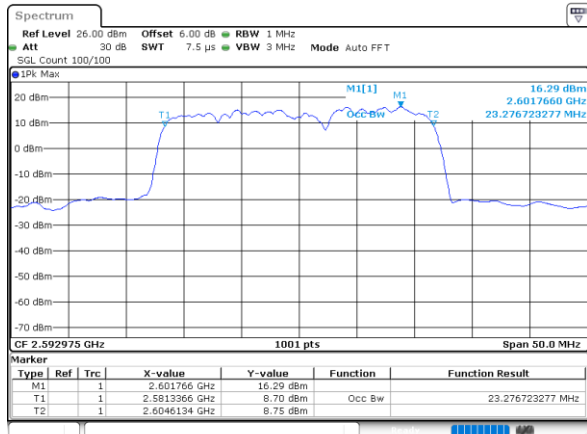
Middle Channel /15MHz+15MHz / 16QAM



Date: 2.AUG.2024 14:07:13

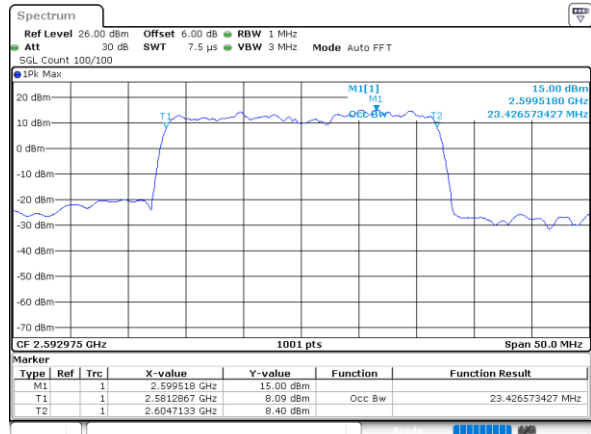


Middle Channel / 15MHz+10MHz / QPSK



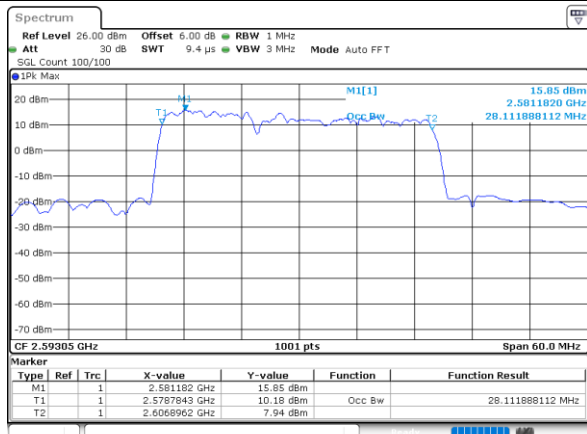
Date: 2.AUG.2024 13:35:42

Middle Channel / 15MHz+10MHz / 16QAM



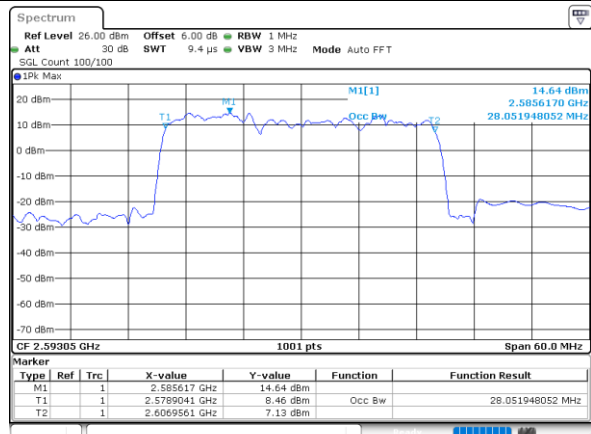
Date: 2.AUG.2024 13:36:12

Middle Channel / 10MHz+20MHz / QPSK



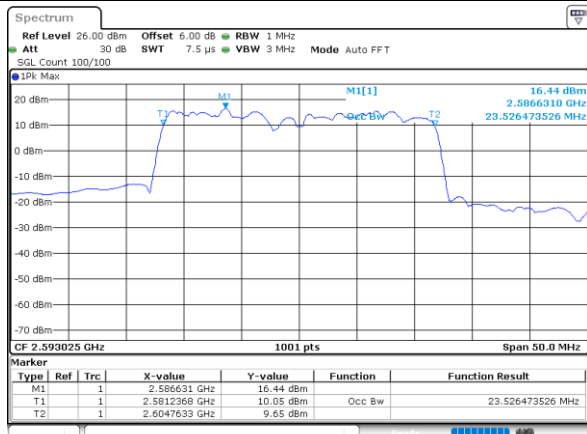
Date: 2.AUG.2024 13:04:26

Middle Channel / 10MHz+20MHz / 16QAM



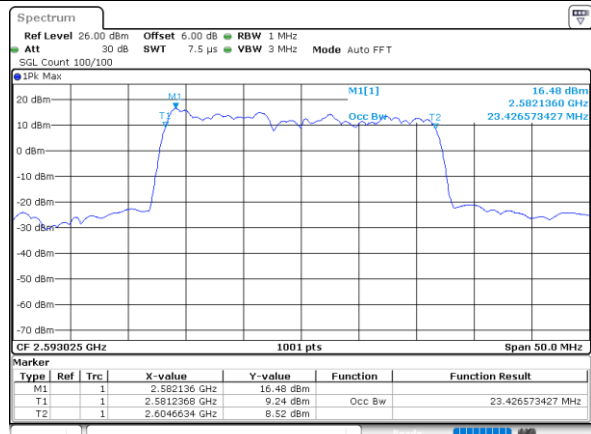
Date: 2.AUG.2024 13:04:56

Middle Channel / 10MHz+15MHz / QPSK

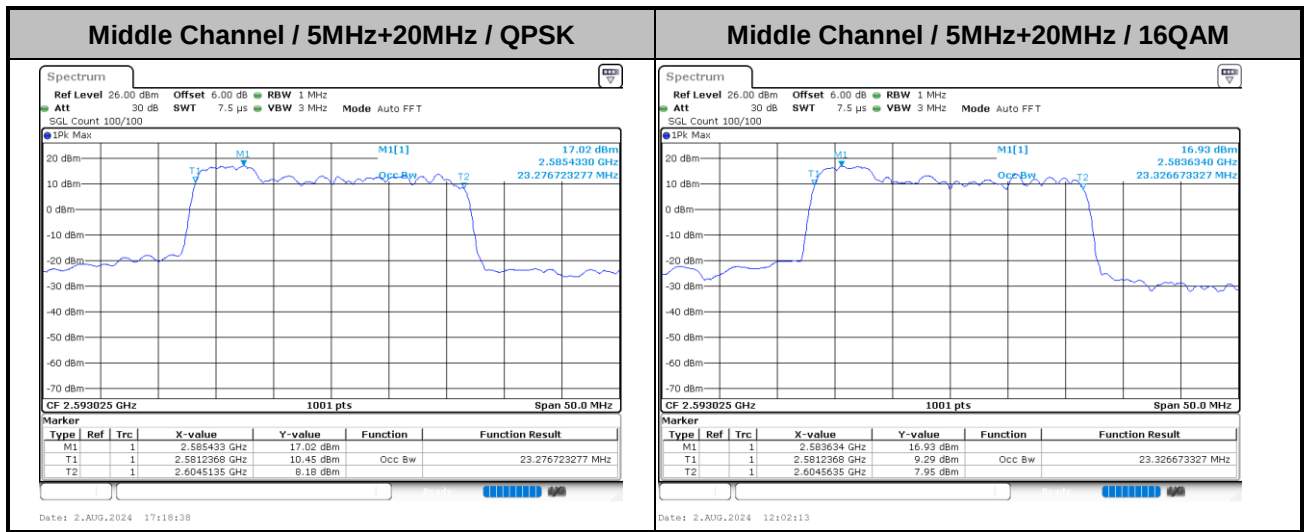


Date: 2.AUG.2024 12:33:07

Middle Channel / 10MHz+15MHz / 16QAM



Date: 2.AUG.2024 12:33:37



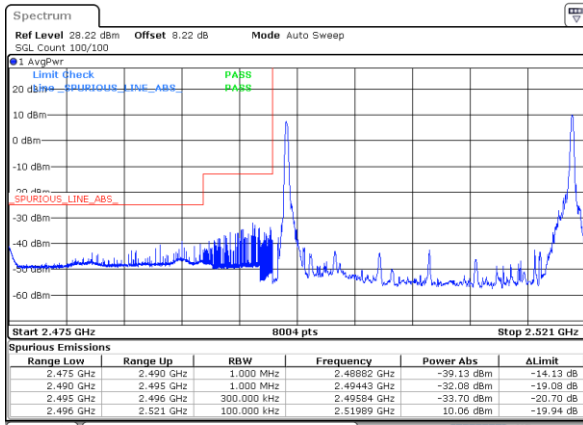


Conducted Band Edge

LTE Band 41C / 5MHz+20MHz

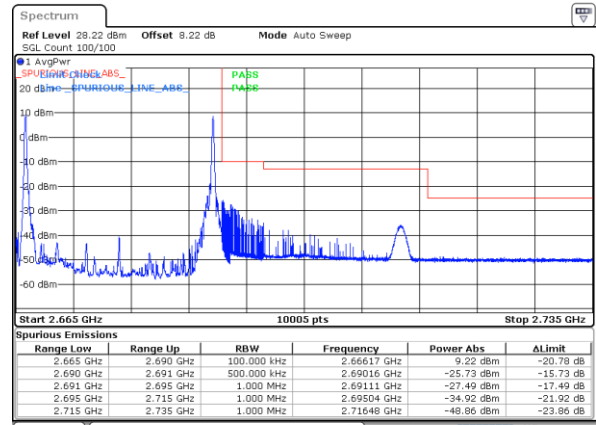
QPSK

Lowest Band Edge / 1RB0 and 1RB99



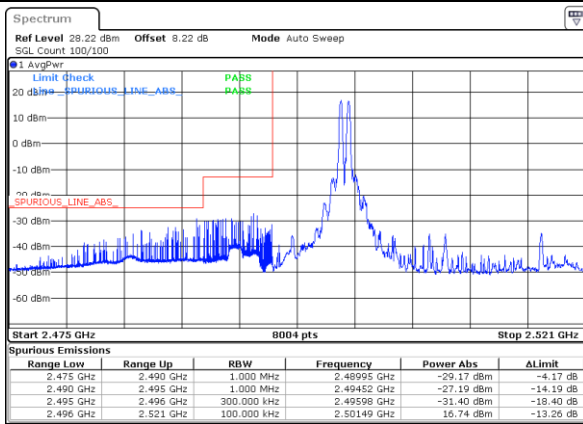
Date: 2.AUG.2024 11:52:00

Highest Band Edge / 1RB0 and 1RB99



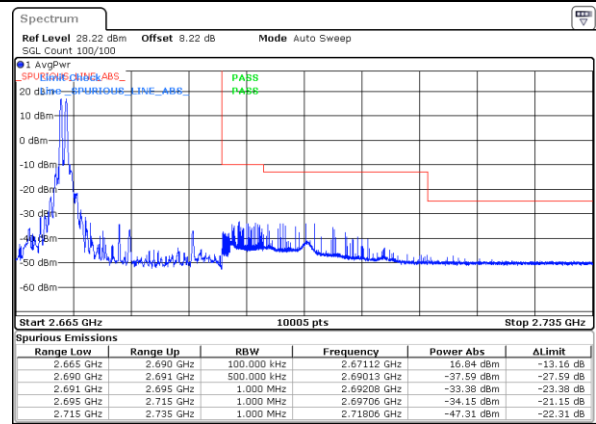
Date: 2.AUG.2024 12:09:32

Lowest Band Edge / 1RB24 and 1RB0



Date: 2.AUG.2024 11:48:02

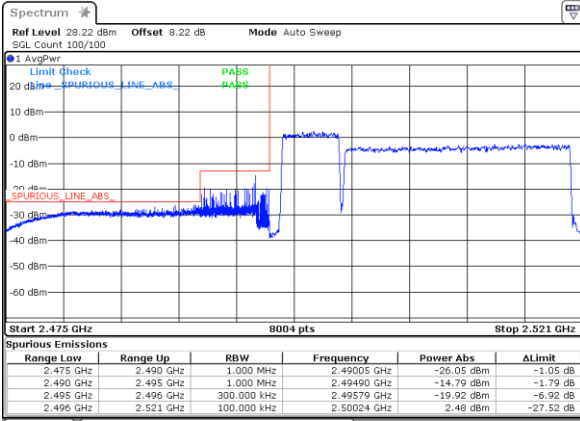
Highest Band Edge / 1RB24 and 1RB0



Date: 2.AUG.2024 12:05:29

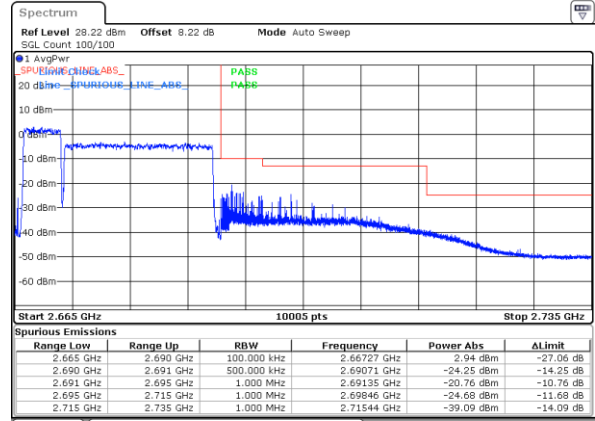


Lowest Band Edge / Full RB



Date: 2_AUG_2024 17:20:00

Highest Band Edge / Full RB



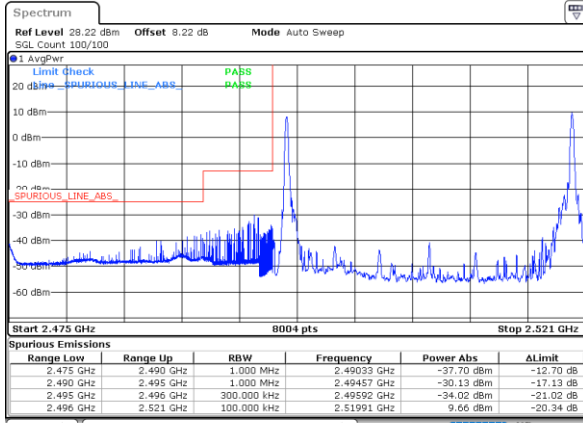
Date: 2_AUG_2024 12:13:33



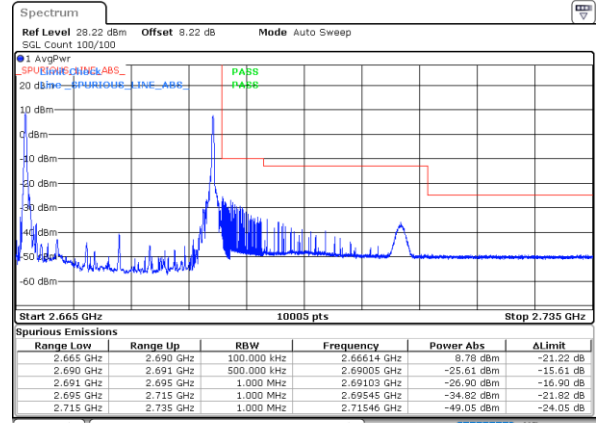
LTE Band 41C / 5MHz+20MHz

16QAM

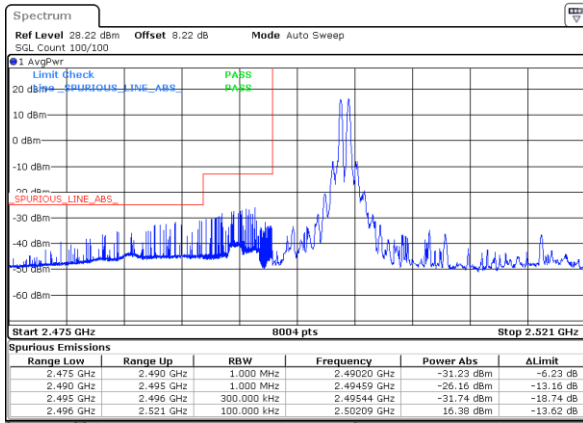
Lowest Band Edge / 1RB0 and 1RB99



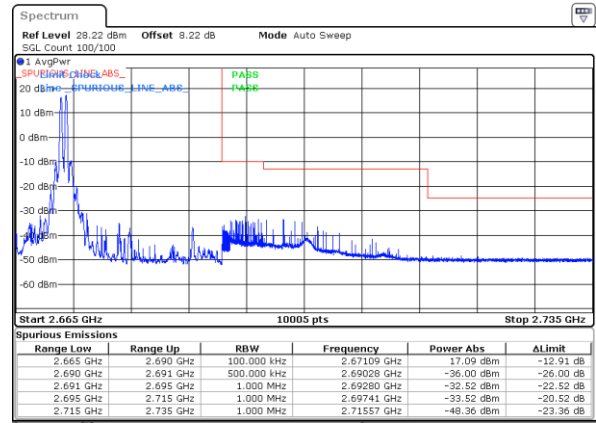
Highest Band Edge / 1RB0 and 1RB99



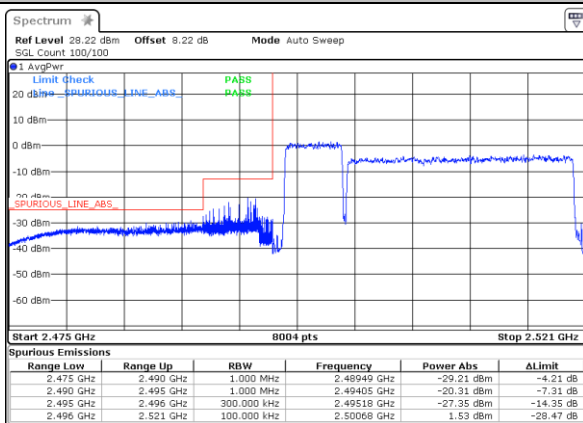
Lowest Band Edge / 1RB24 and 1RB0



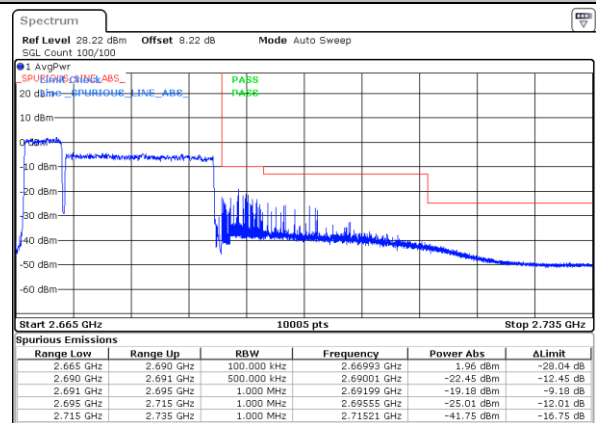
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

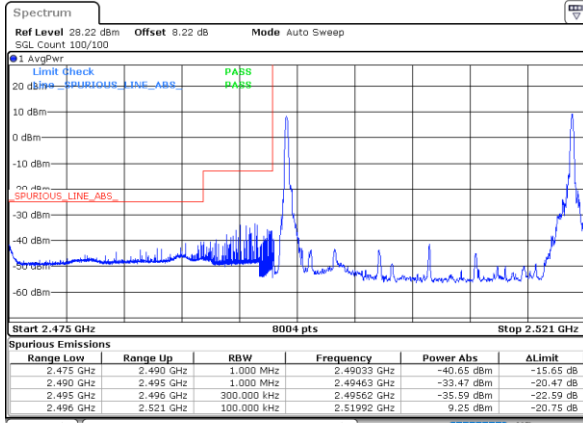




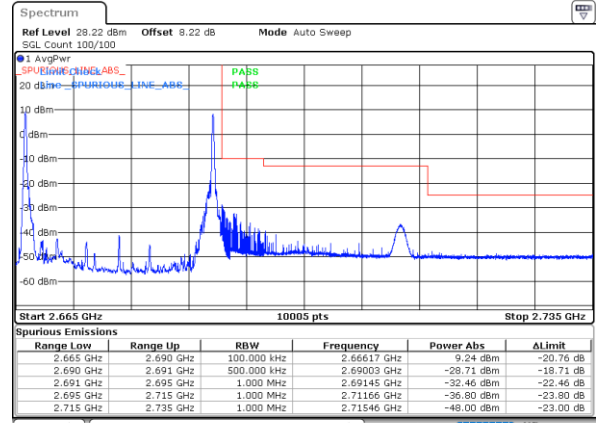
LTE Band 41C / 5MHz+20MHz

64QAM

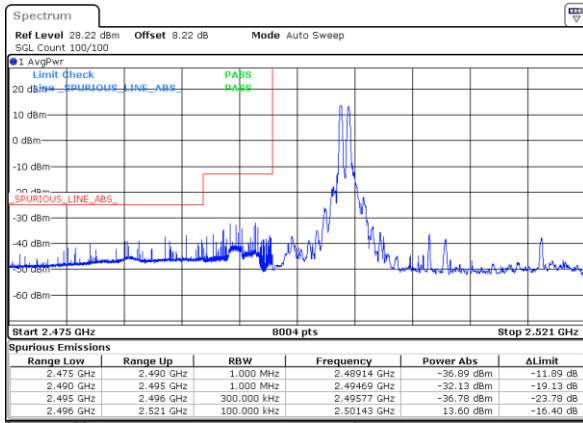
Lowest Band Edge / 1RB0 and 1RB99



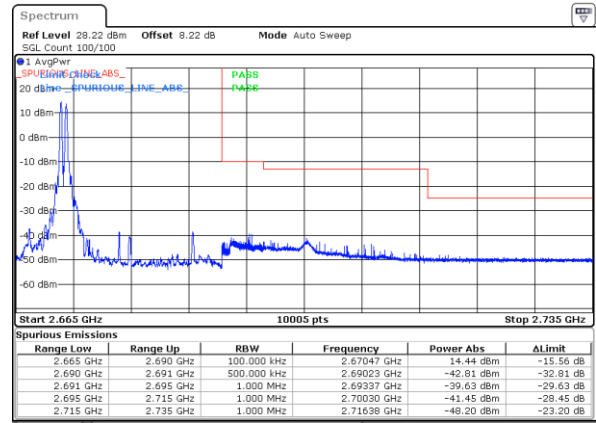
Highest Band Edge / 1RB0 and 1RB99



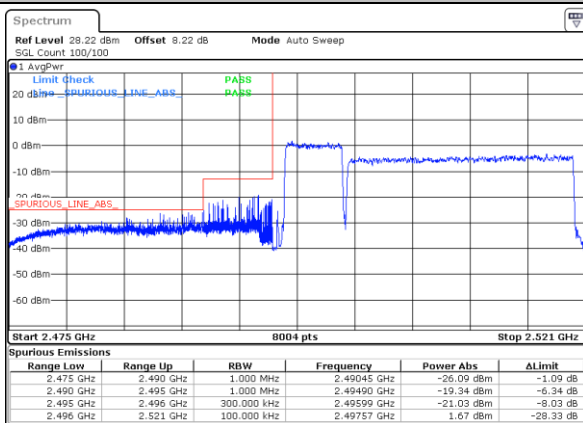
Lowest Band Edge / 1RB24 and 1RB0



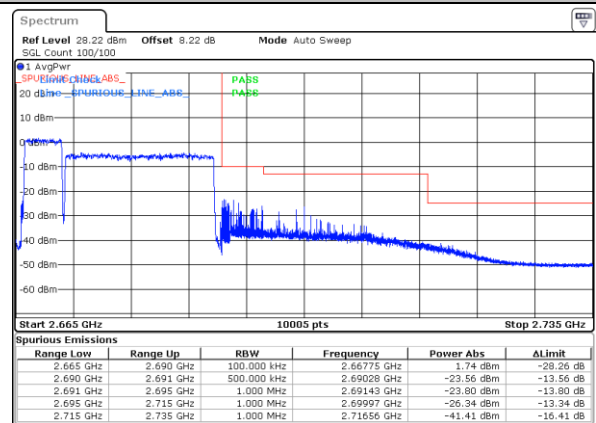
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

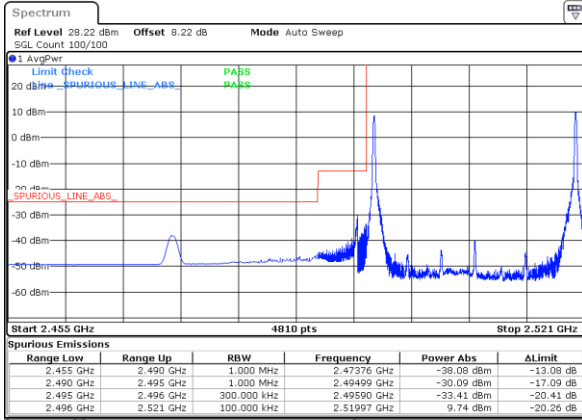




LTE Band 41C / 10MHz+15MHz

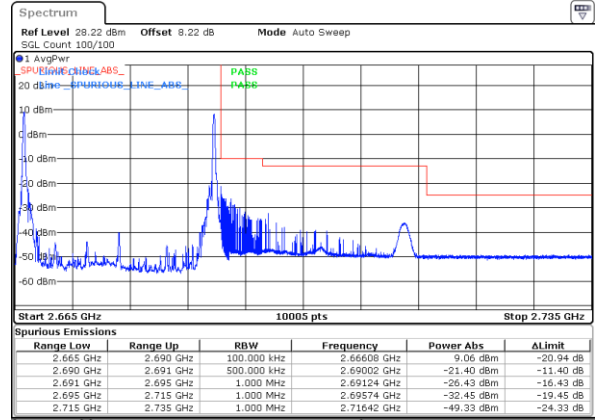
QPSK

Lowest Band Edge / 1RB0 and 1RB74



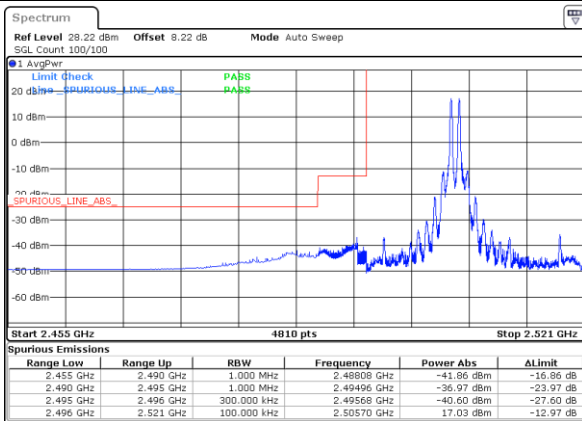
Date: 2.AUG.2024 12:23:22

Highest Band Edge / 1RB0 and 1RB74



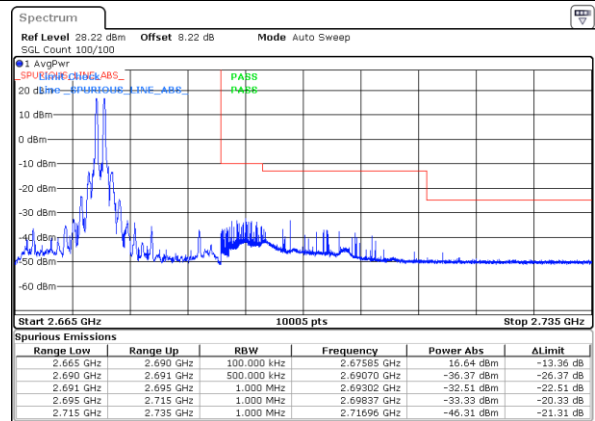
Date: 2.AUG.2024 12:40:53

Lowest Band Edge / 1RB49 and 1RB0



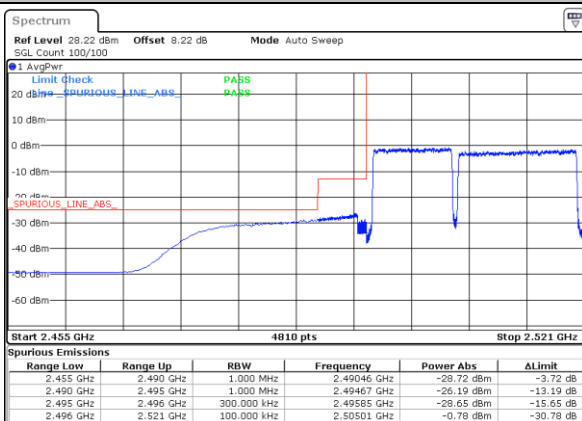
Date: 2.AUG.2024 12:19:23

Highest Band Edge / 1RB49 and 1RB0



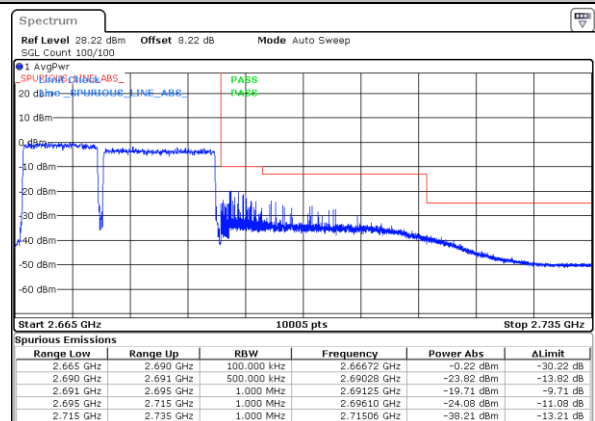
Date: 2.AUG.2024 12:16:53

Lowest Band Edge / Full RB



Date: 2.AUG.2024 12:27:20

Highest Band Edge / Full RB



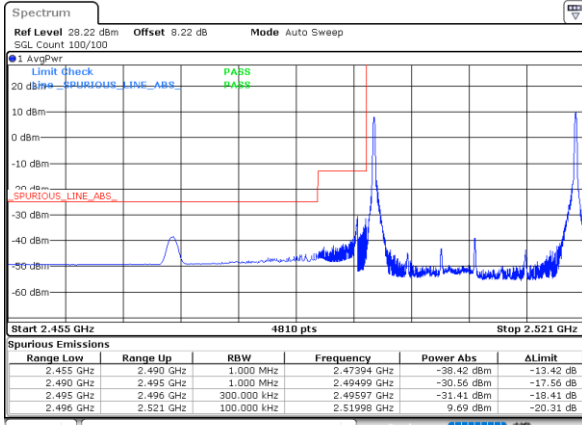
Date: 2.AUG.2024 12:44:54



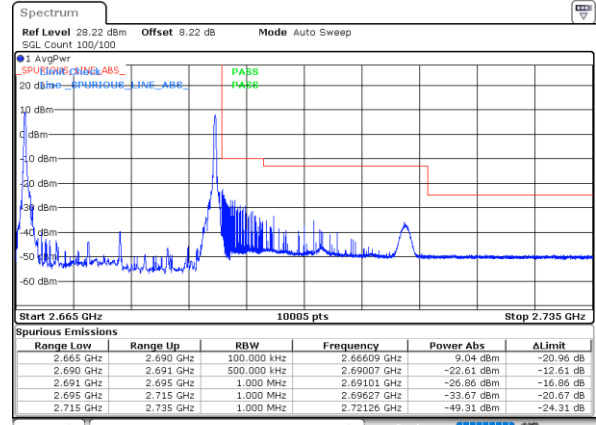
LTE Band 41C / 10MHz+15MHz

16QAM

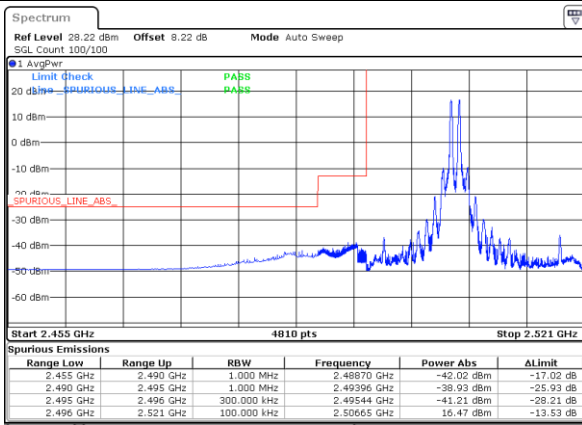
Lowest Band Edge / 1RB0 and 1RB74



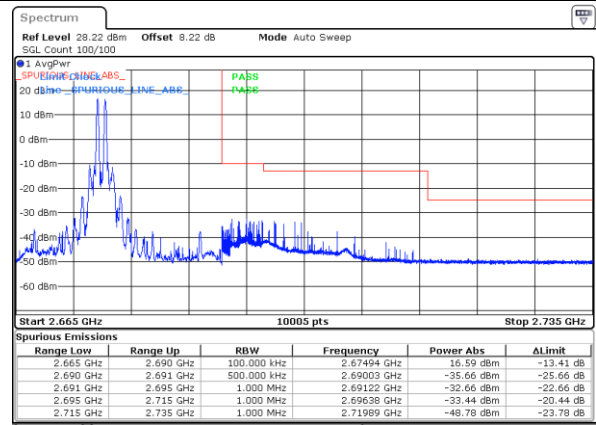
Highest Band Edge / 1RB0 and 1RB74



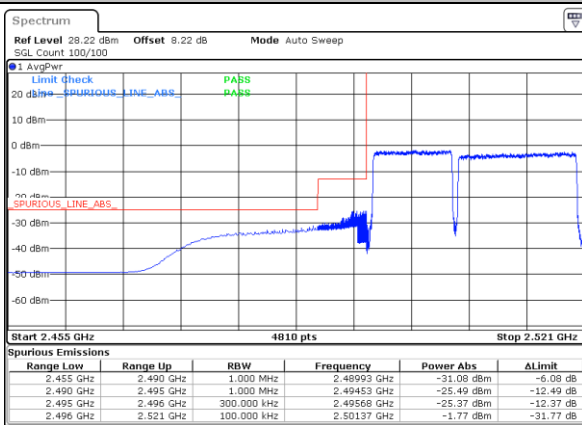
Lowest Band Edge / 1RB49 and 1RB0



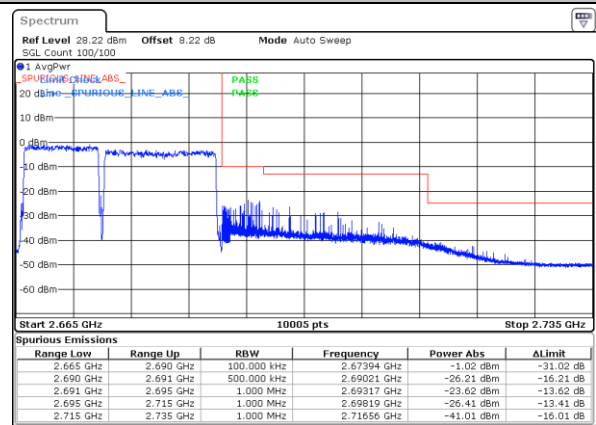
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

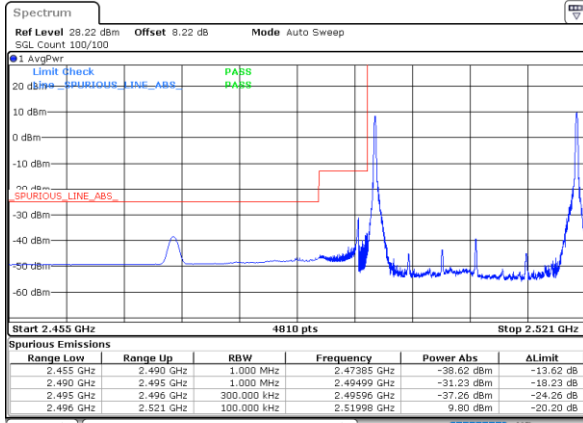




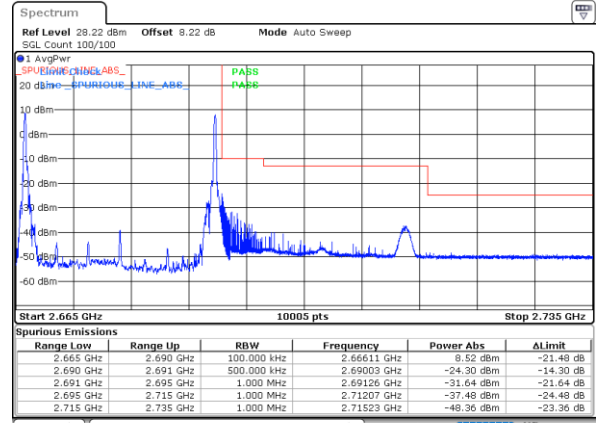
LTE Band 41C / 10MHz+15MHz

64QAM

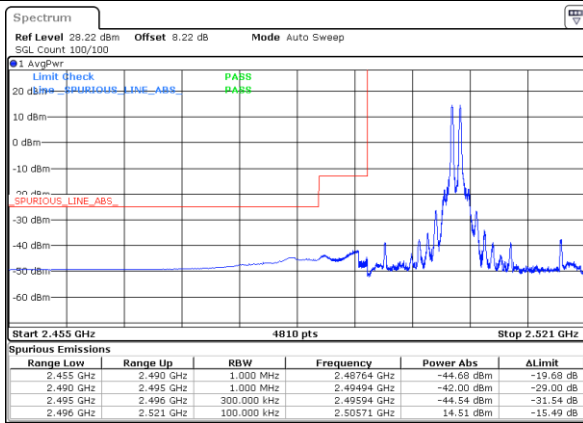
Lowest Band Edge / 1RB0 and 1RB74



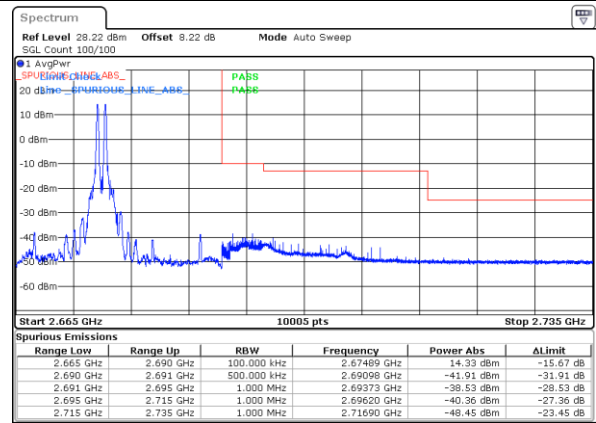
Highest Band Edge / 1RB0 and 1RB74



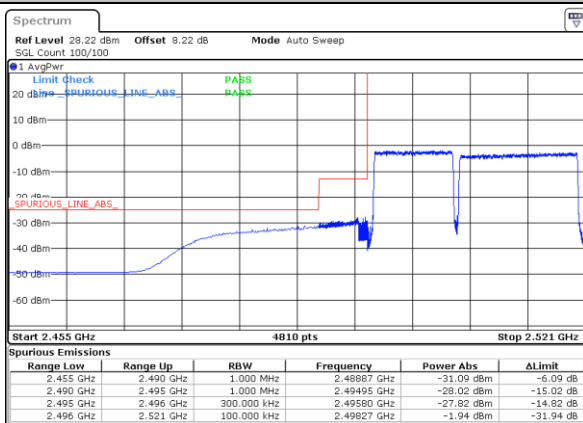
Lowest Band Edge / 1RB49 and 1RB0



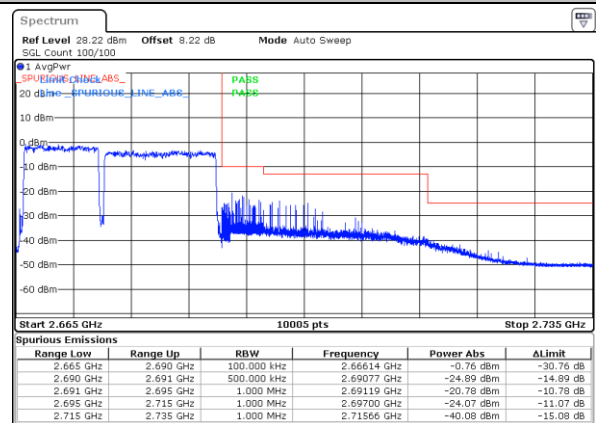
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

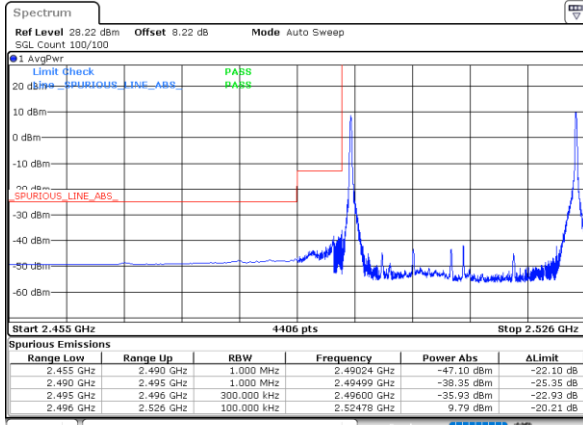




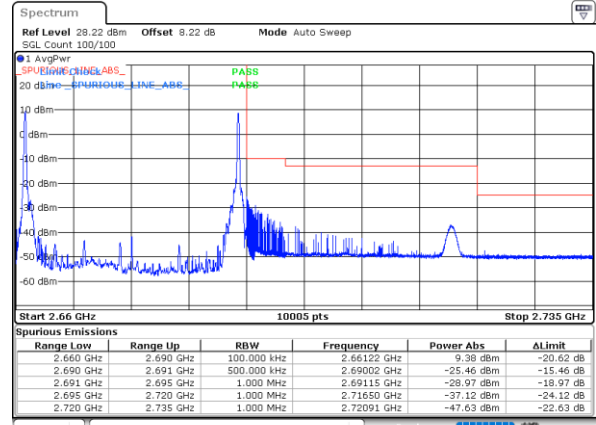
LTE Band 41C / 10MHz+20MHz

QPSK

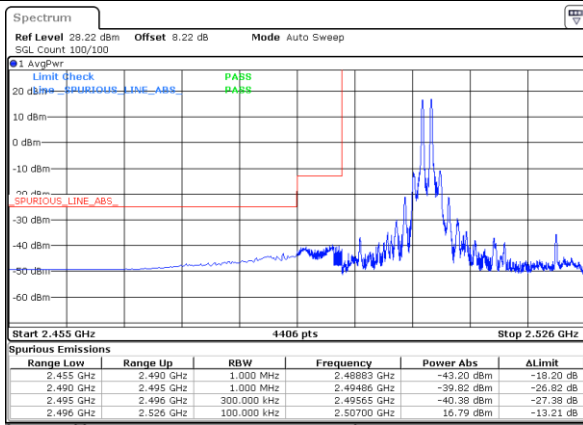
Lowest Band Edge / 1RB0 and 1RB99



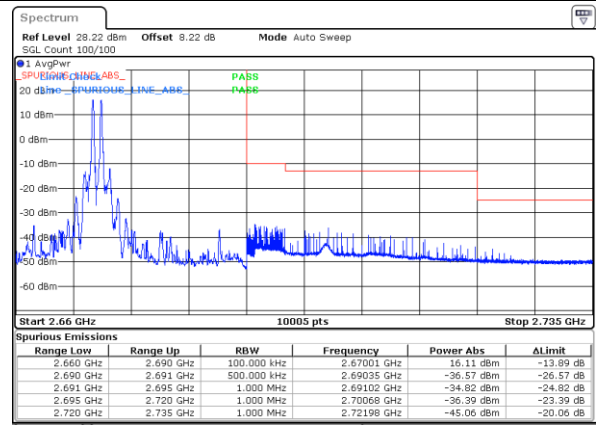
Highest Band Edge / 1RB0 and 1RB99



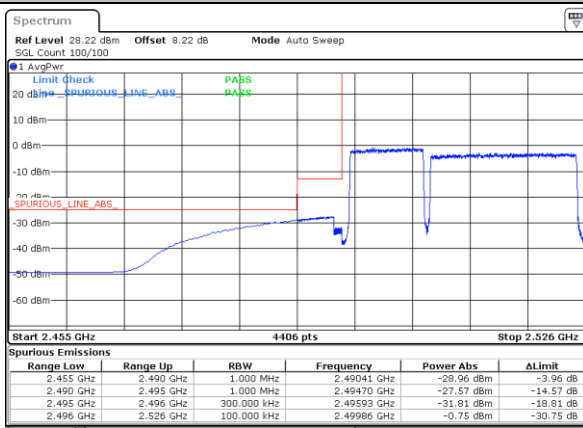
Lowest Band Edge / 1RB49 and 1RB0



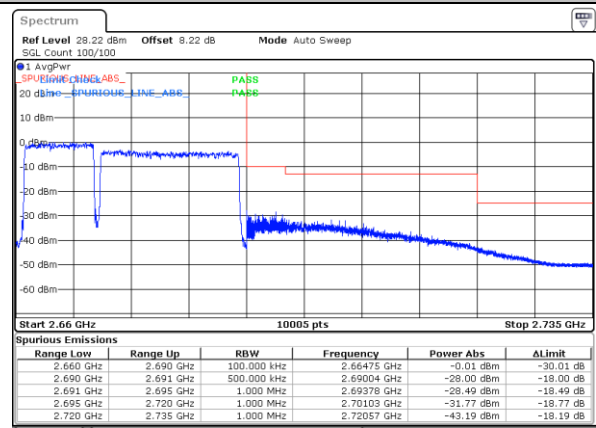
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

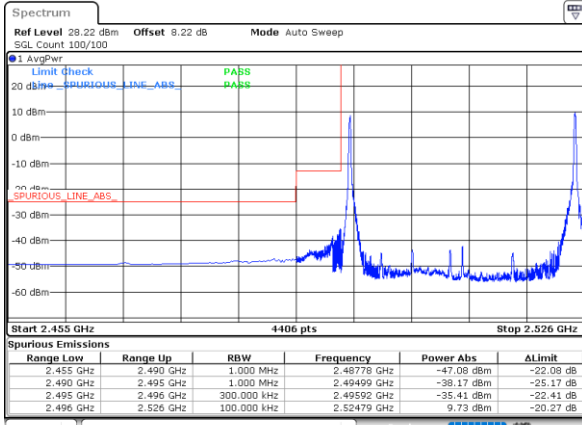




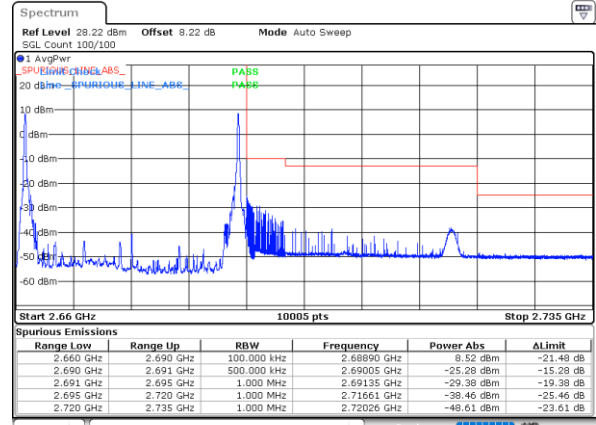
LTE Band 41C / 10MHz+20MHz

16QAM

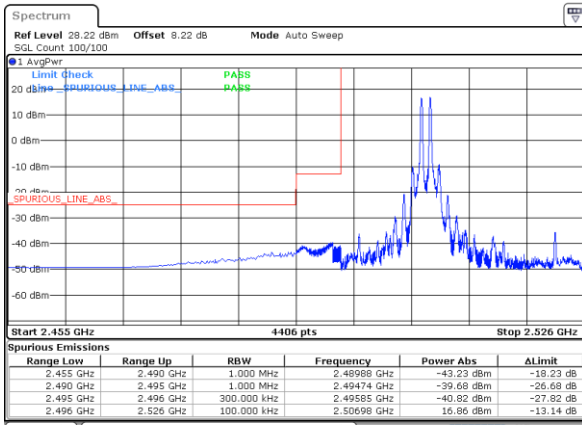
Lowest Band Edge / 1RB0 and 1RB99



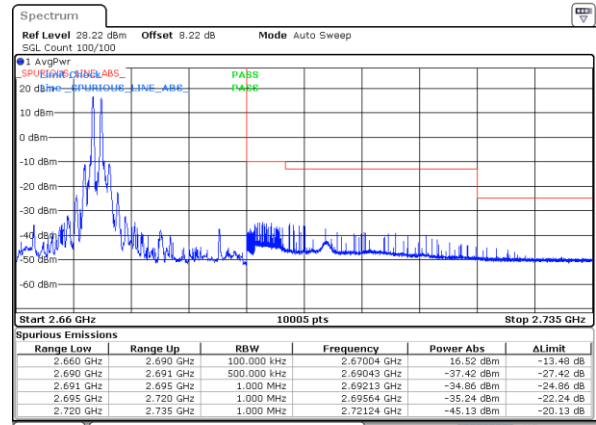
Highest Band Edge / 1RB0 and 1RB99



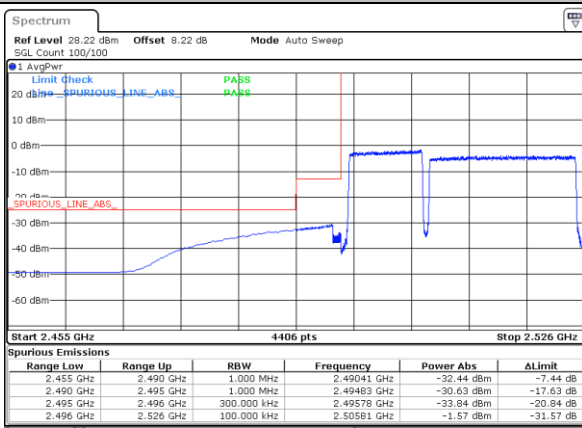
Lowest Band Edge / 1RB49 and 1RB0



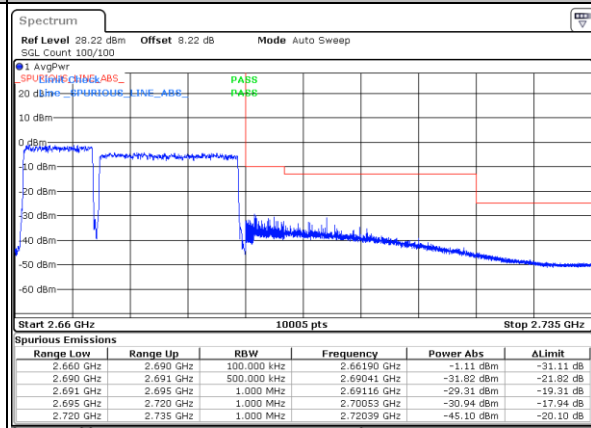
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

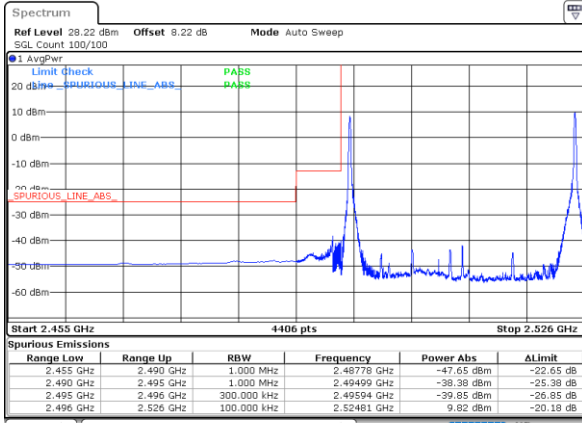




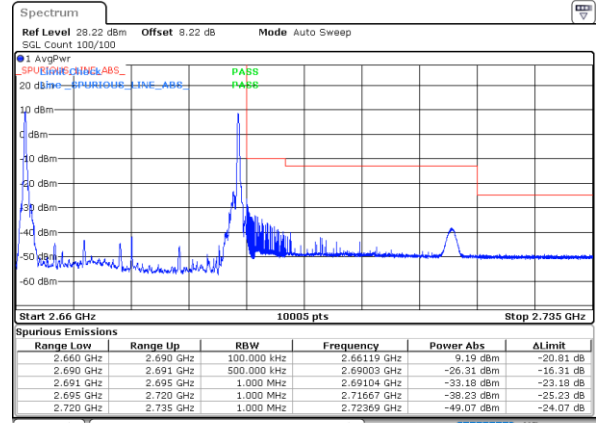
LTE Band 41C / 10MHz+20MHz

64QAM

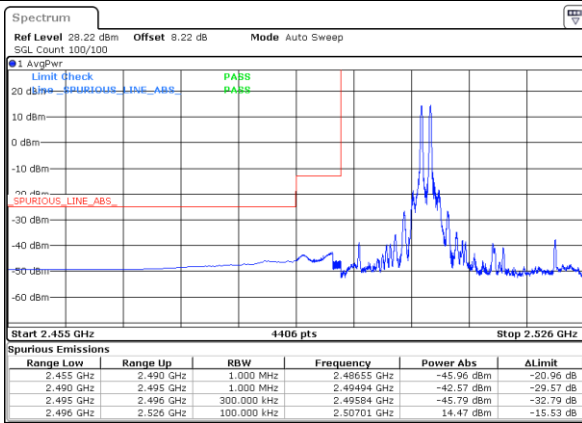
Lowest Band Edge / 1RB0 and 1RB99



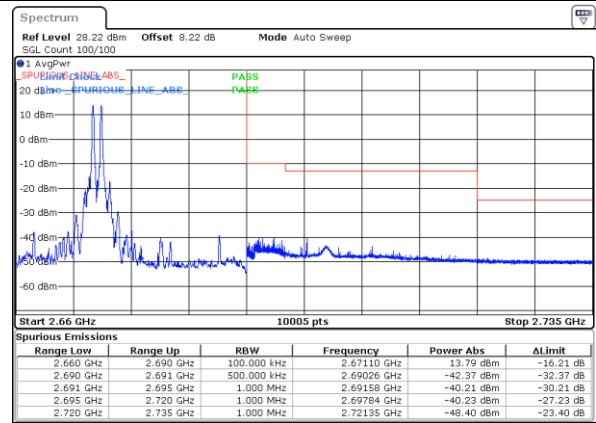
Highest Band Edge / 1RB0 and 1RB99



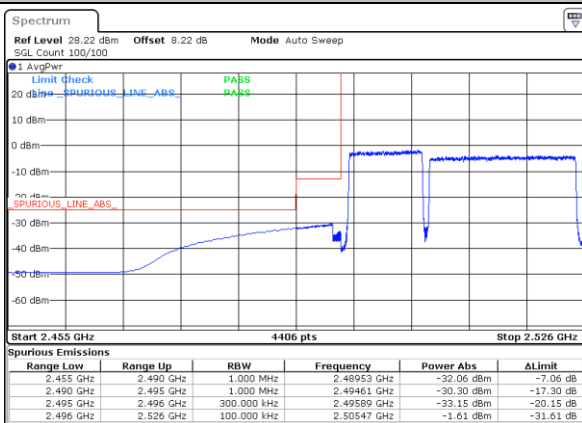
Lowest Band Edge / 1RB49 and 1RB0



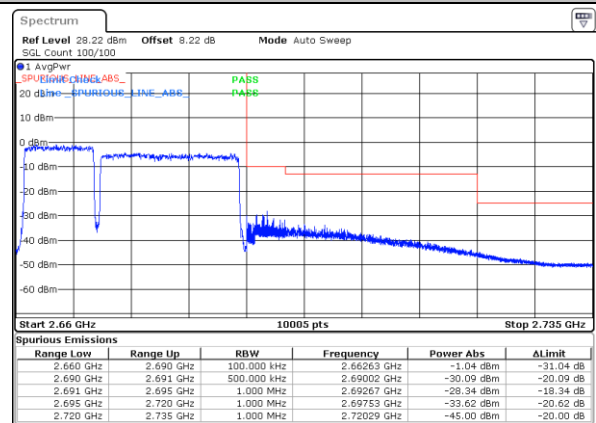
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

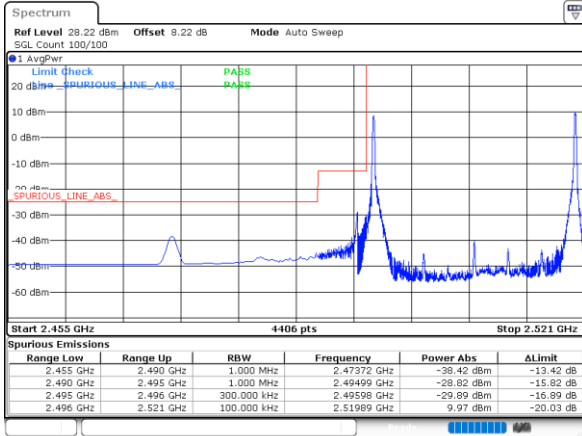




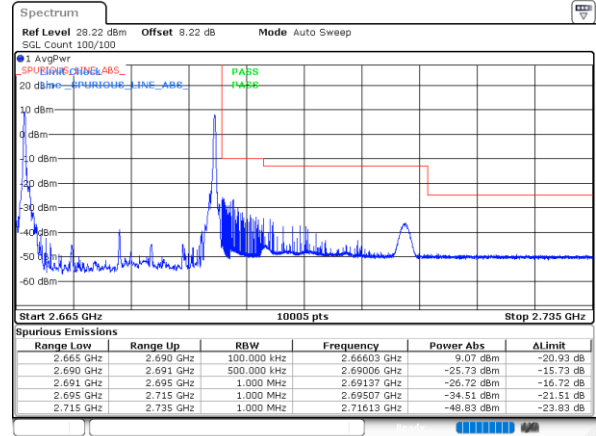
LTE Band 41C / 15MHz+10MHz

QPSK

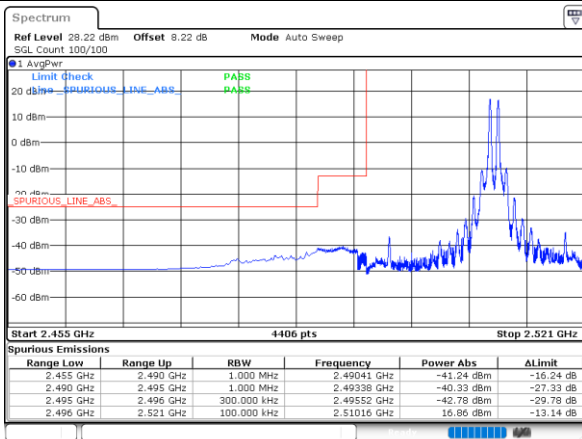
Lowest Band Edge / 1RB0 and 1RB49



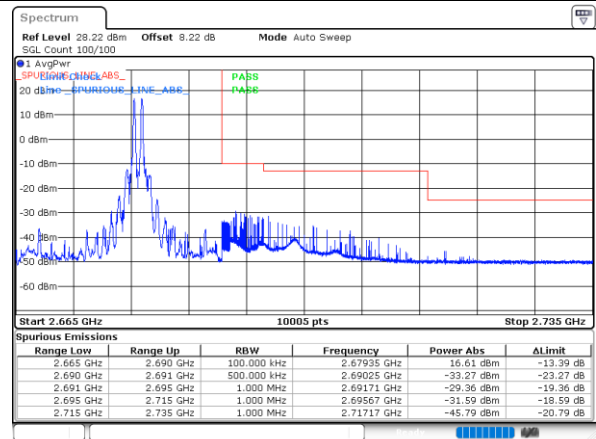
Highest Band Edge / 1RB0 and 1RB49



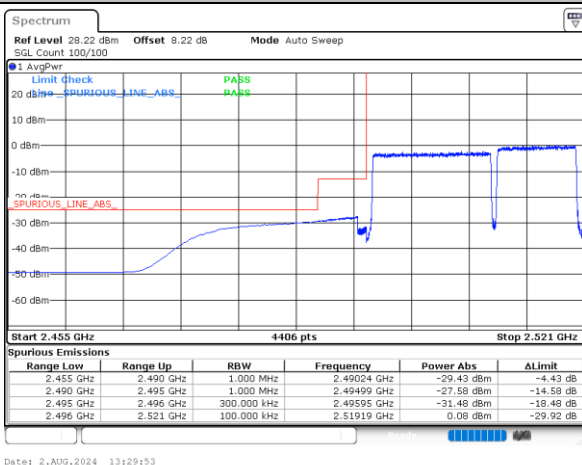
Lowest Band Edge / 1RB74 and 1RB0



Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

