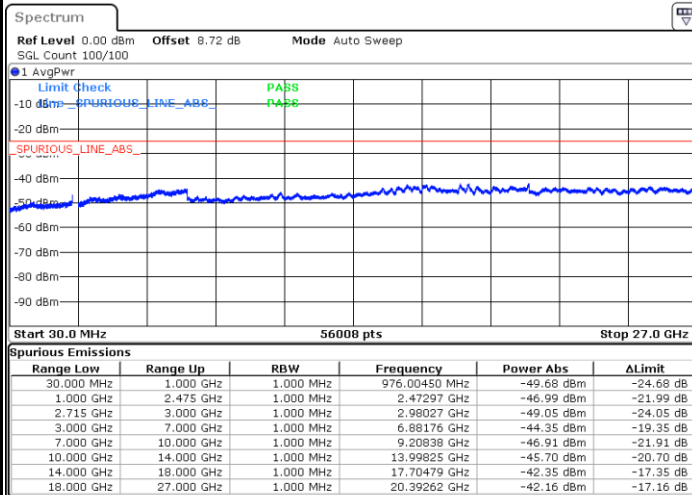




Conducted Spurious Emission

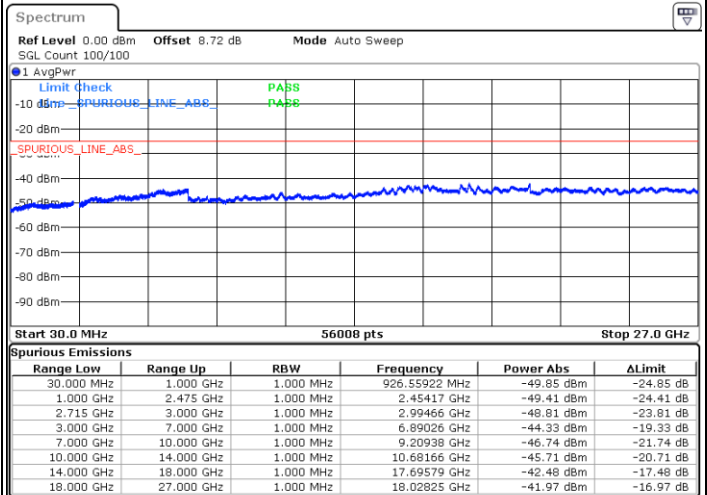
LTE Band 41 / 5MHz

Lowest Channel / QPSK



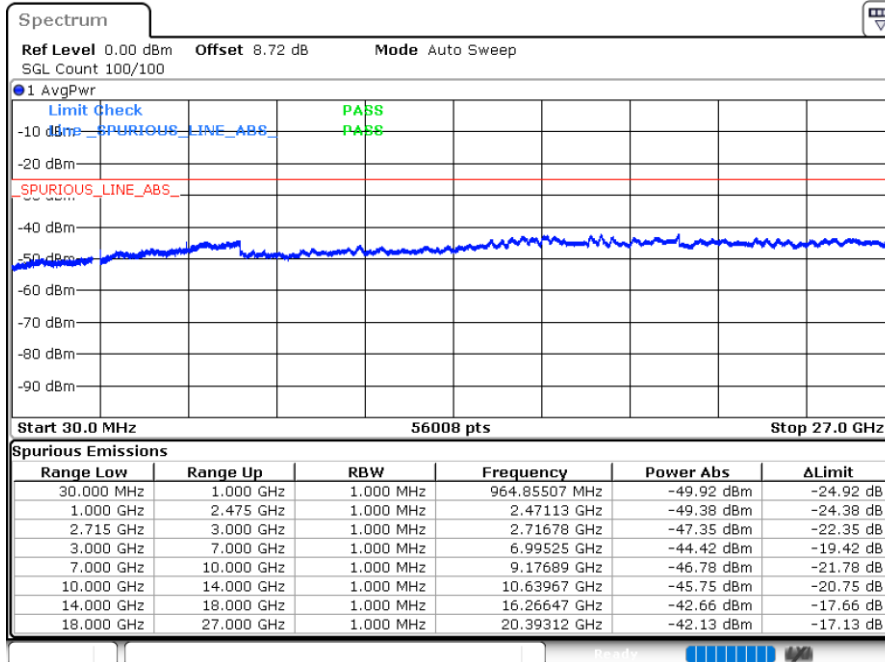
Date: 7.JUL.2024 22:10:14

Middle Channel / QPSK



Date: 7.JUL.2024 22:19:15

Highest Channel / QPSK



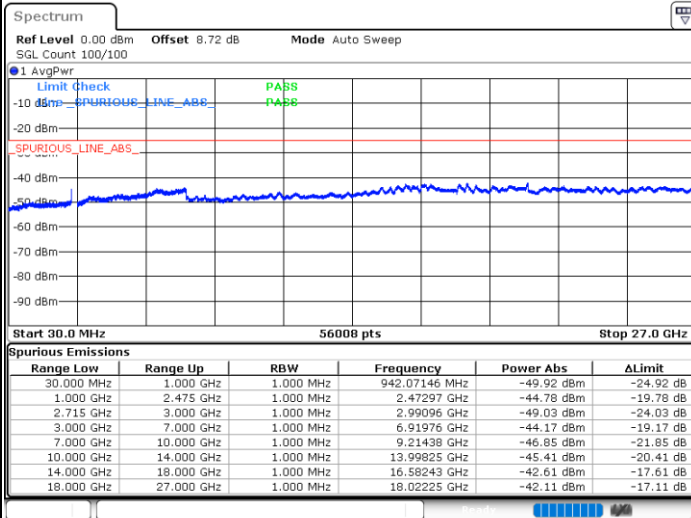
Date: 7.JUL.2024 22:22:10



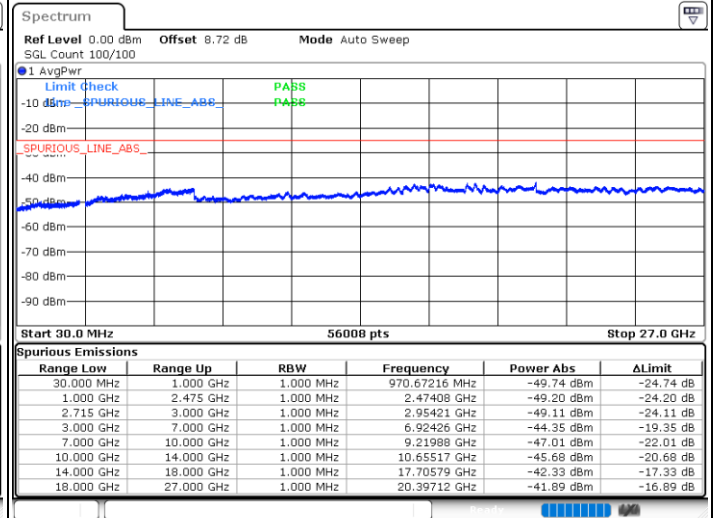
LTE Band 41 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

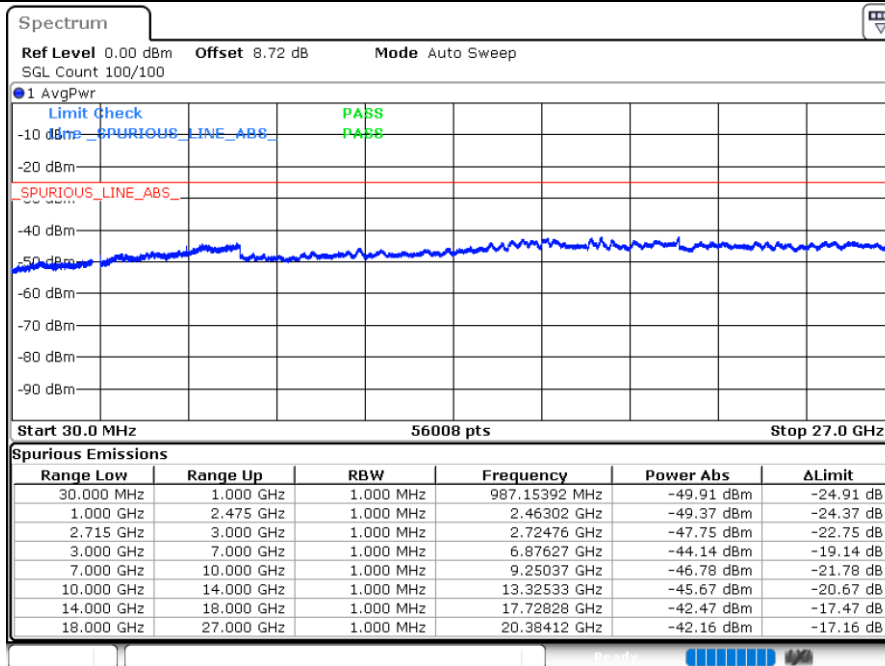


Date: 7.JUL.2024 22:33:05



Date: 7.JUL.2024 22:42:04

Highest Channel / QPSK



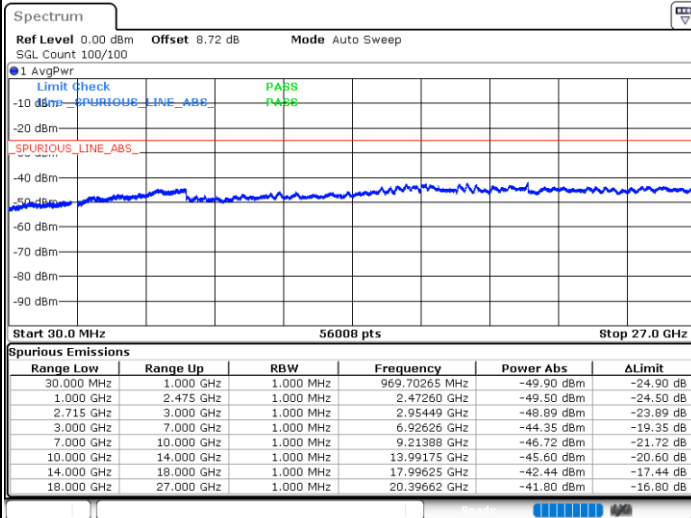
Date: 7.JUL.2024 22:44:59



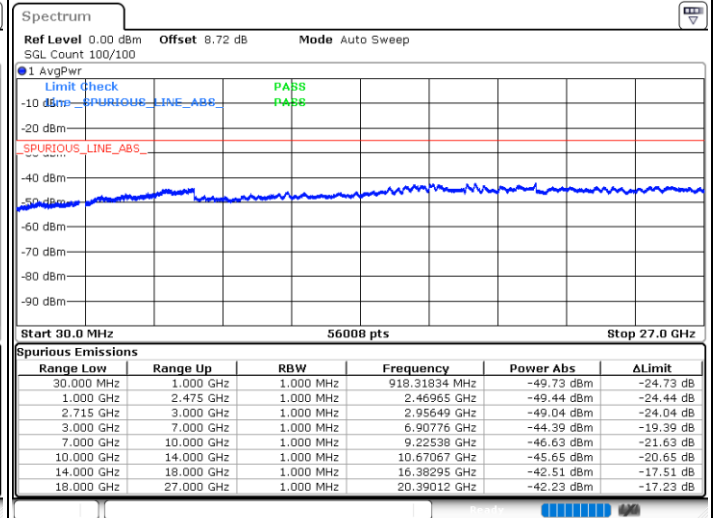
LTE Band 41 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

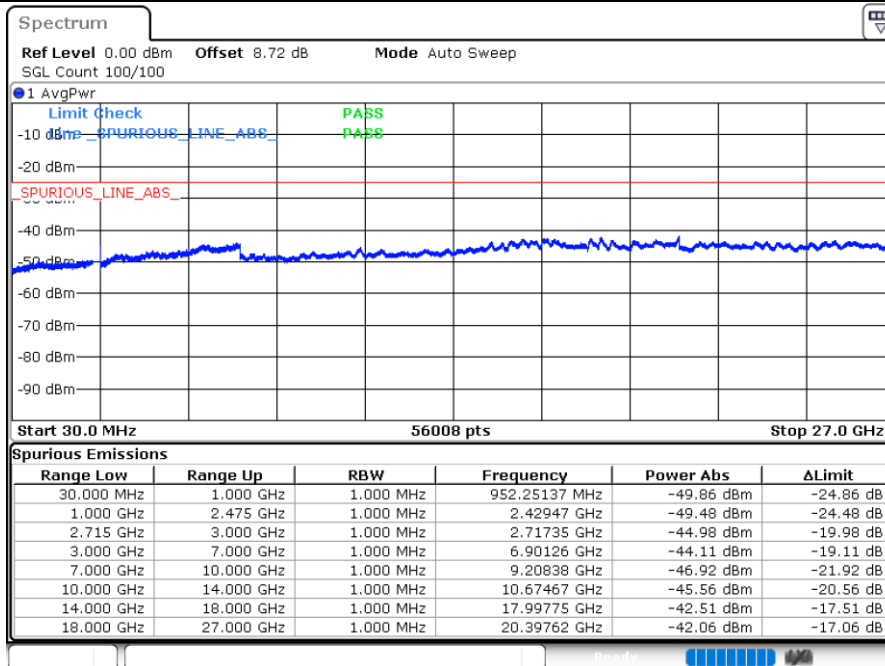


Date: 7.JUL.2024 22:54:51



Date: 7.JUL.2024 23:03:51

Highest Channel / QPSK



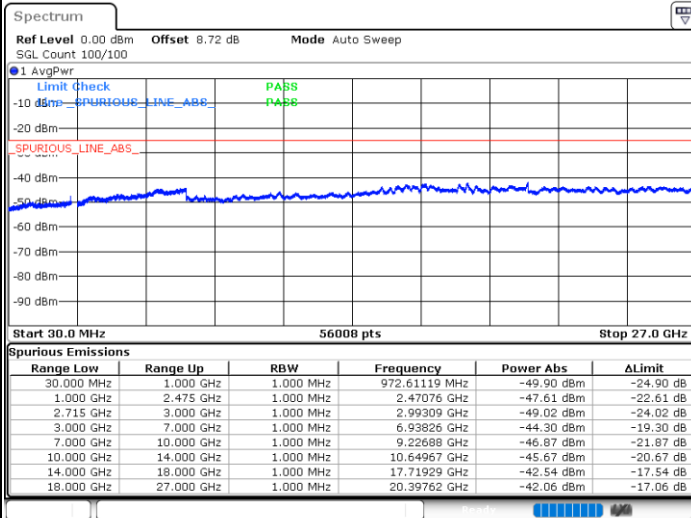
Date: 7.JUL.2024 23:06:46



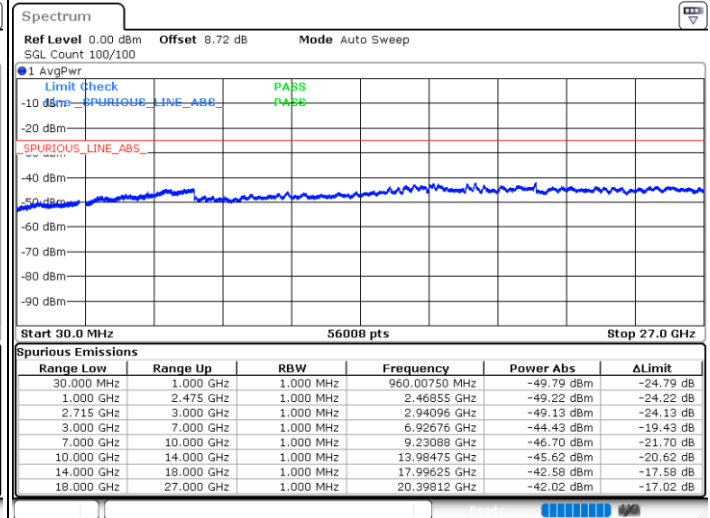
LTE Band 41 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

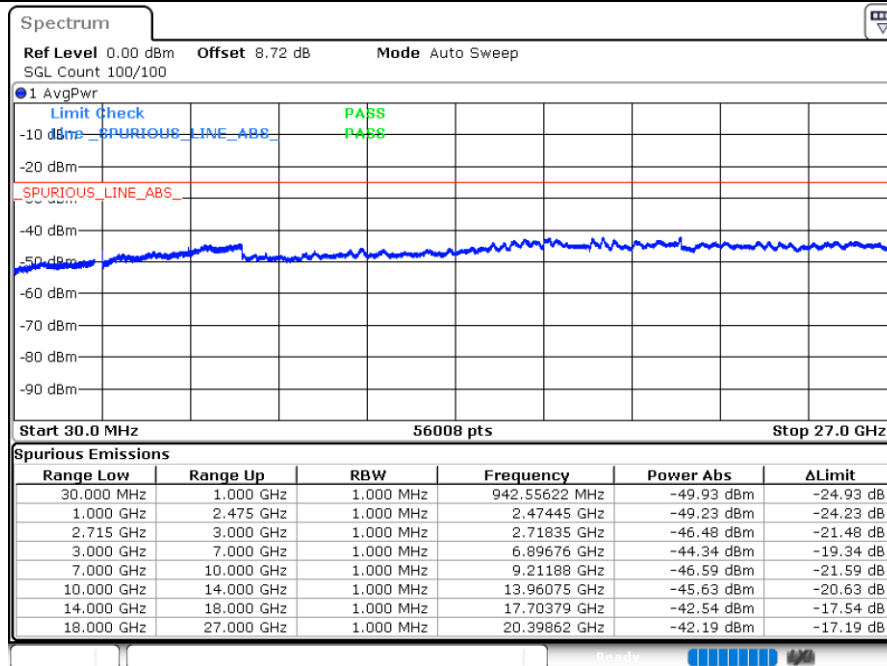


Date: 7.JUL.2024 23:16:38



Date: 7.JUL.2024 23:25:37

Highest Channel / QPSK



Date: 7.JUL.2024 23:27:12

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	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0046	
-10	Normal Voltage	0.0073	
-20	Normal Voltage	0.0066	
-30	Normal Voltage	0.0064	
20	Maximum Voltage	0.0045	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0037	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.41V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41C

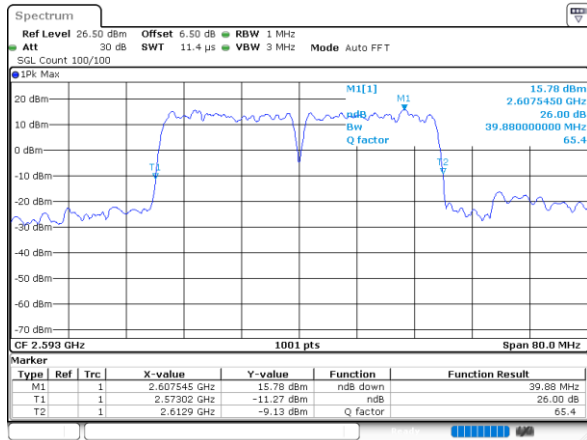
26dB Bandwidth

Mode	LTE Band 41-CA : 26dB BW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	39.88	40.04
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	35.11	34.90
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.03	30.09
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	24.98	24.78
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	34.90	34.83
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.69	32.79
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.33	25.38
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	29.97	30.09
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	25.28	25.23
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	24.83	24.98



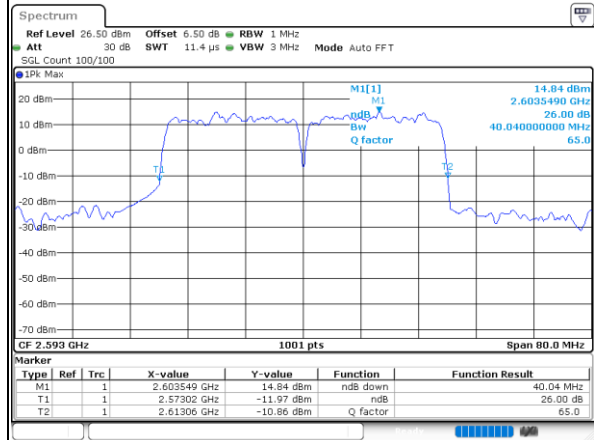
LTE Band 41

Middle Channel / 20MHz+20MHz / QPSK



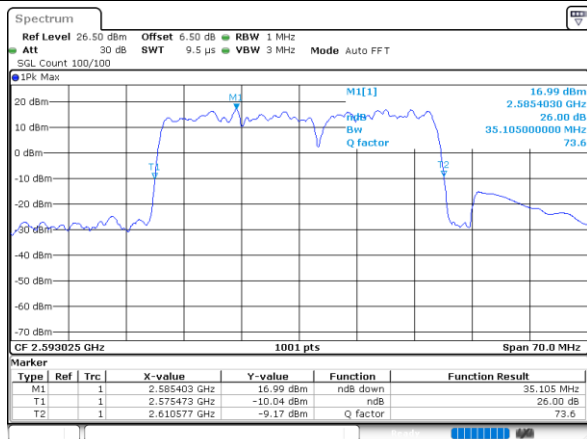
Date: 8.JUL.2024 04:48:08

Middle Channel / 20MHz+20MHz / 16QAM



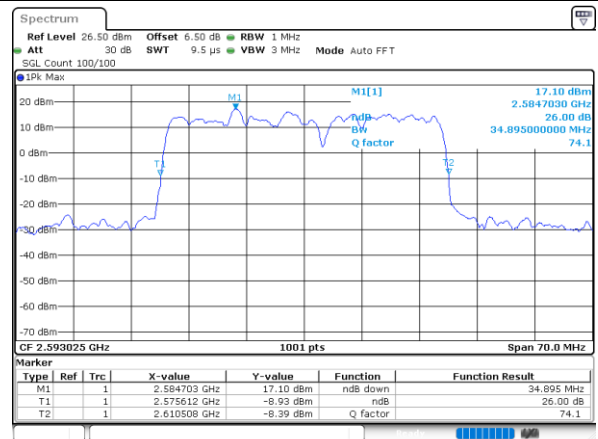
Date: 8.JUL.2024 04:48:36

Middle Channel / 20MHz+15MHz / QPSK



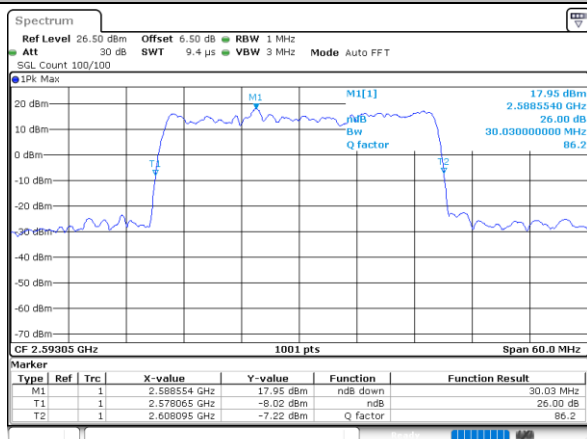
Date: 17.JUL.2024 13:00:09

Middle Channel / 20MHz+15MHz / 16QAM



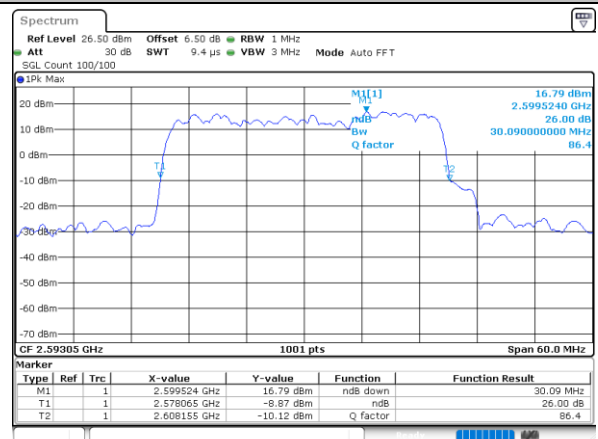
Date: 17.JUL.2024 13:00:37

Middle Channel / 20MHz+10MHz / QPSK



Date: 17.JUL.2024 11:46:49

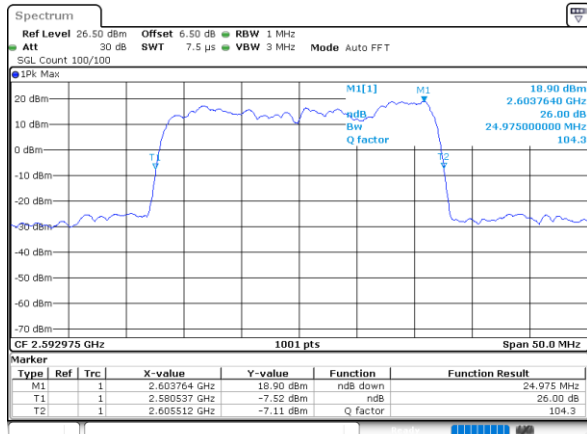
Middle Channel / 20MHz+10MHz / 16QAM



Date: 17.JUL.2024 11:46:22

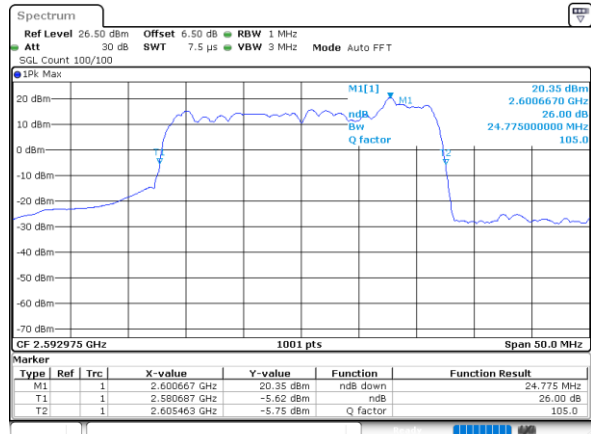


Middle Channel / 20MHz+5MHz / QPSK



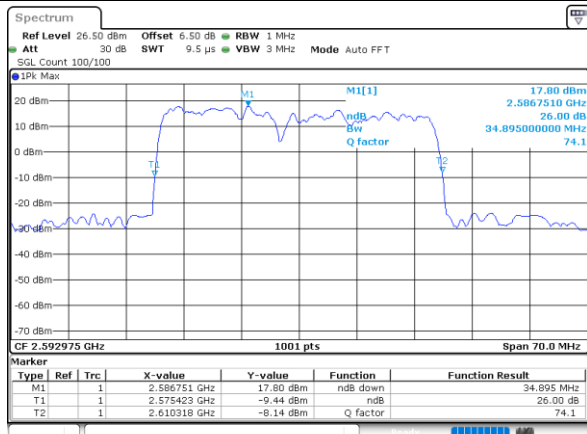
Date: 17.JUL.2024 11:36:54

Middle Channel / 20MHz+5MHz / 16QAM



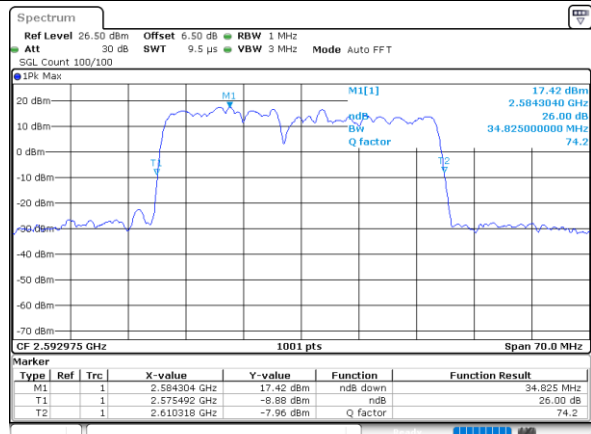
Date: 17.JUL.2024 11:36:26

Middle Channel / 15MHz+20MHz / QPSK



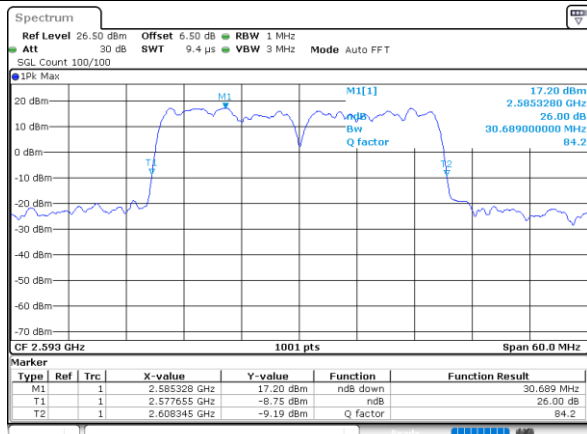
Date: 17.JUL.2024 12:15:17

Middle Channel / 15MHz+20MHz / 16QAM



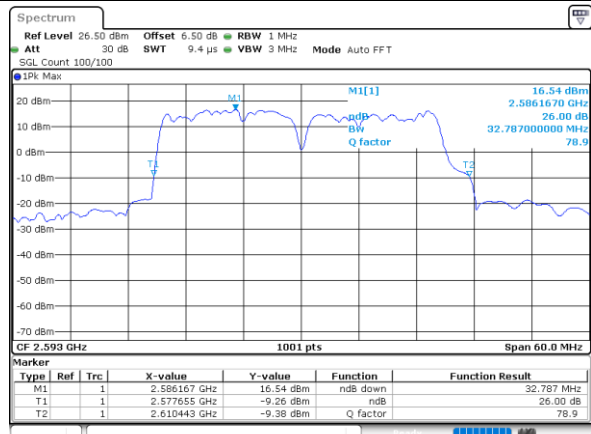
Date: 17.JUL.2024 12:15:10

Middle Channel / 15MHz+15MHz / QPSK



Date: 17.JUL.2024 12:15:54

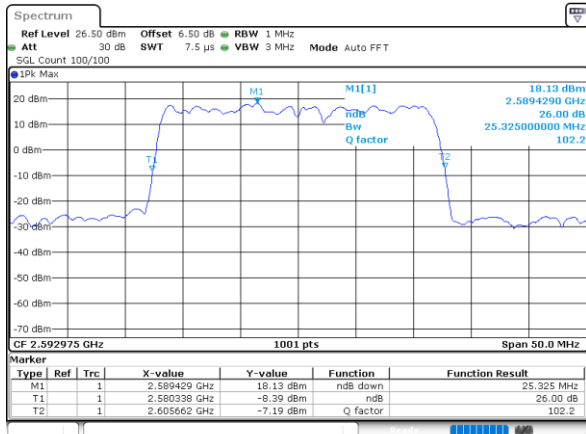
Middle Channel / 15MHz+15MHz / 16QAM



Date: 17.JUL.2024 12:16:21

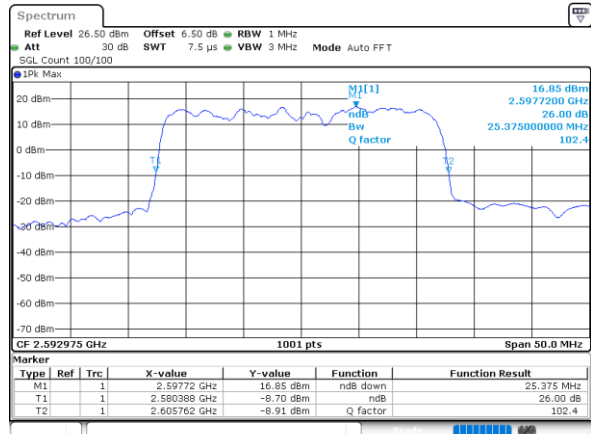


Middle Channel /15MHz+10MHz / QPSK



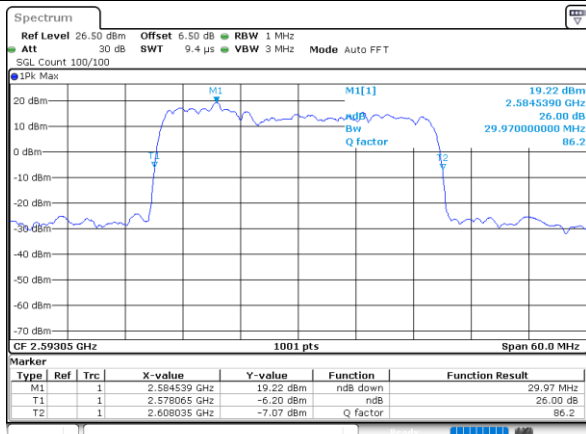
Date: 17_JUL_2024 11:41:33

Middle Channel / 15MHz+10MHz / 16QAM



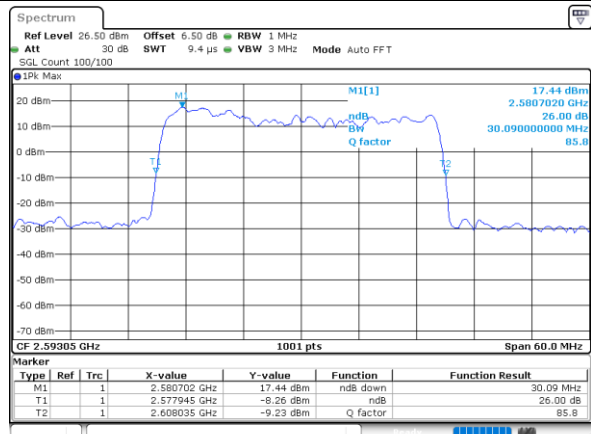
Date: 17_JUL_2024 11:41:05

Middle Channel / 10MHz+20MHz / QPSK



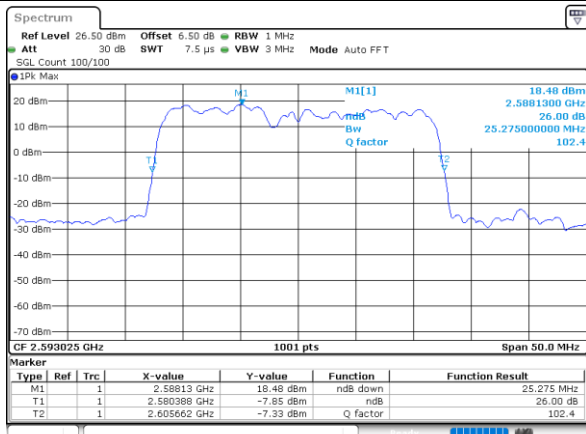
Date: 17_JUL_2024 11:43:44

Middle Channel / 10MHz+20MHz / 16QAM



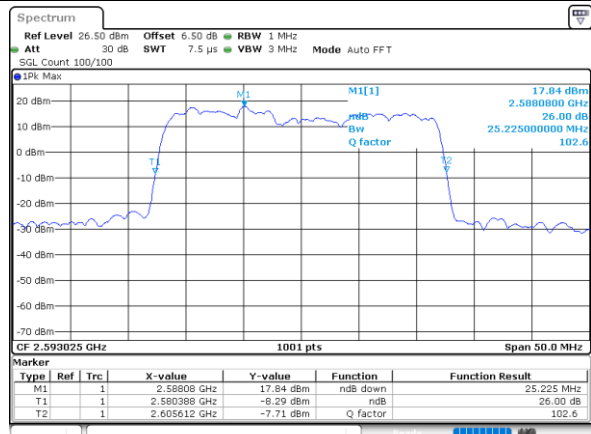
Date: 17_JUL_2024 11:44:12

Middle Channel / 10MHz+15MHz / QPSK



Date: 17_JUL_2024 11:38:44

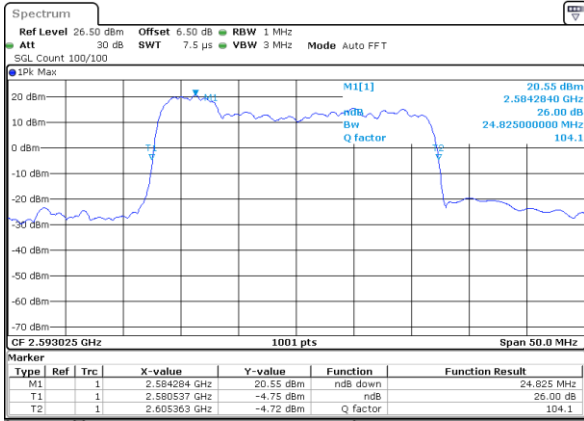
Middle Channel / 10MHz+15MHz / 16QAM



Date: 17_JUL_2024 11:39:12

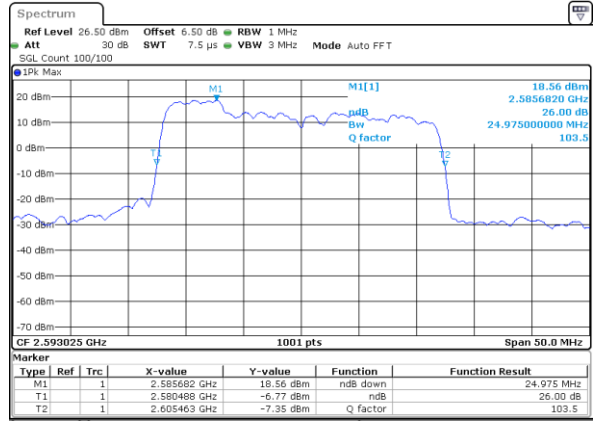


Middle Channel /5MHz+20MHz / QPSK



Date: 17.JUL.2024 11:34:08

Middle Channel / 5MHz+20MHz / 16QAM



Date: 17.JUL.2024 11:34:36

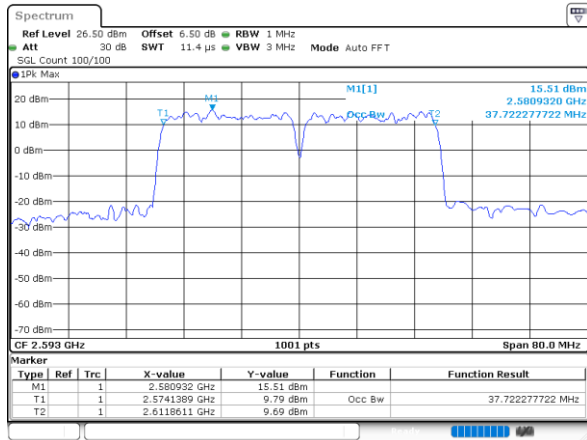
**Occupied Bandwidth**

Mode	LTE Band 41-CA : 99%OBW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.72	37.56
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	32.59	33.29
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.23	28.17
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	23.23	23.38
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	32.66	32.59
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.65	28.71
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.53	23.23
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	28.17	27.93
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	23.58	23.43
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	23.38	23.43

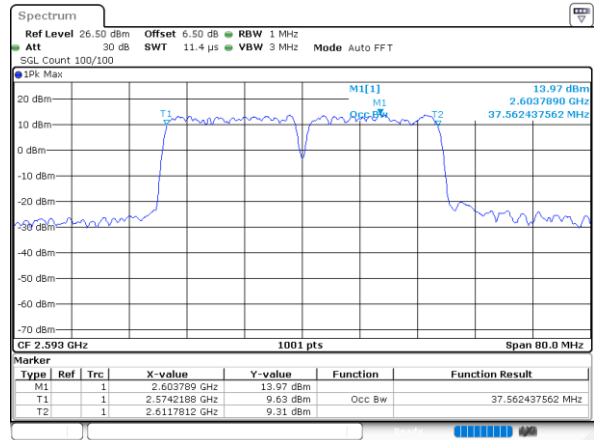


LTE Band 41

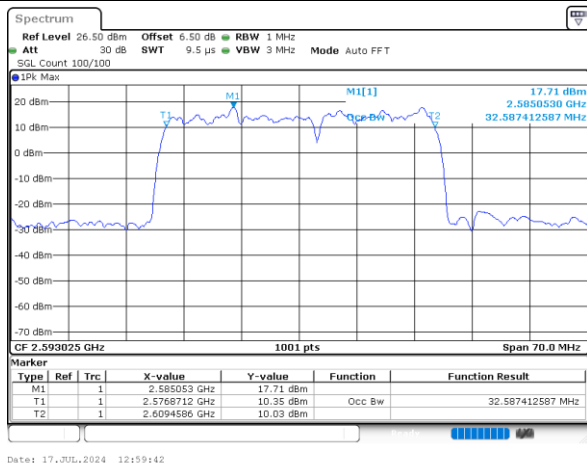
Middle Channel / 20MHz+20MHz / QPSK



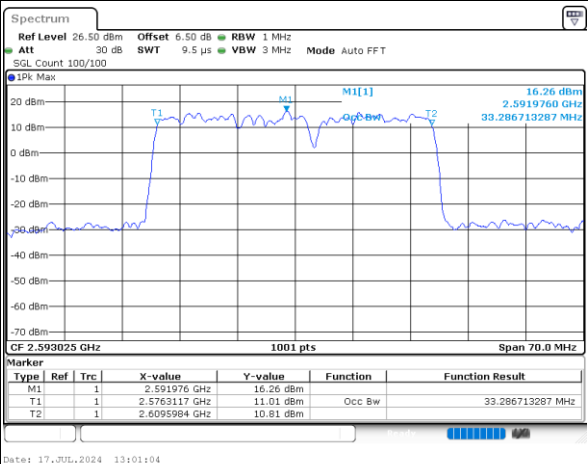
Middle Channel / 20MHz+20MHz / 16QAM



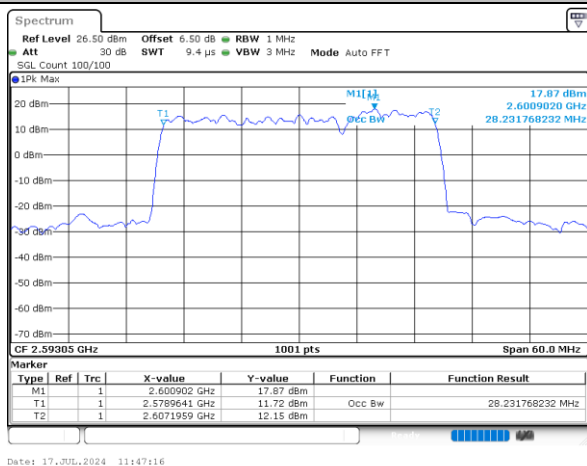
Middle Channel / 20MHz+15MHz / QPSK



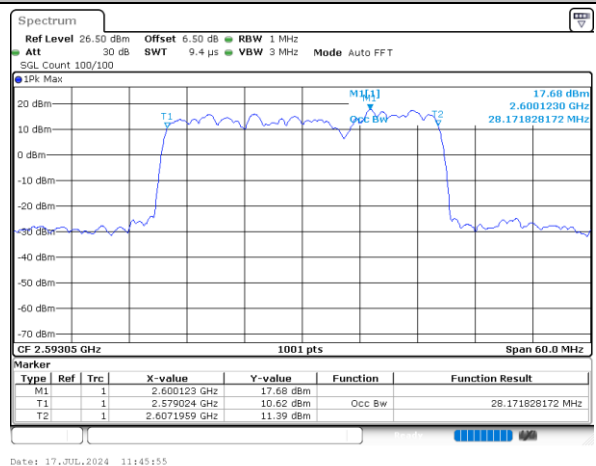
Middle Channel / 20MHz+15MHz / 16QAM



Middle Channel / 20MHz+10MHz / QPSK

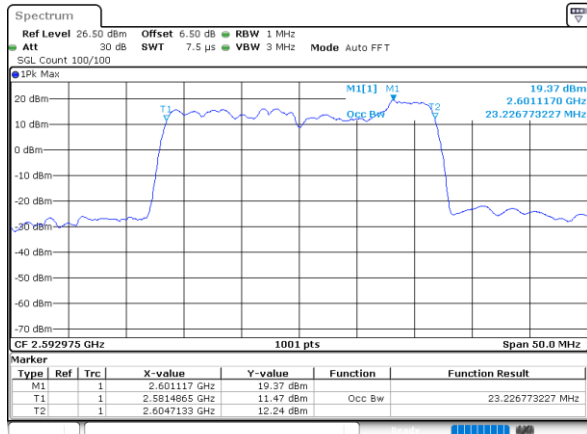


Middle Channel / 20MHz+10MHz / 16QAM



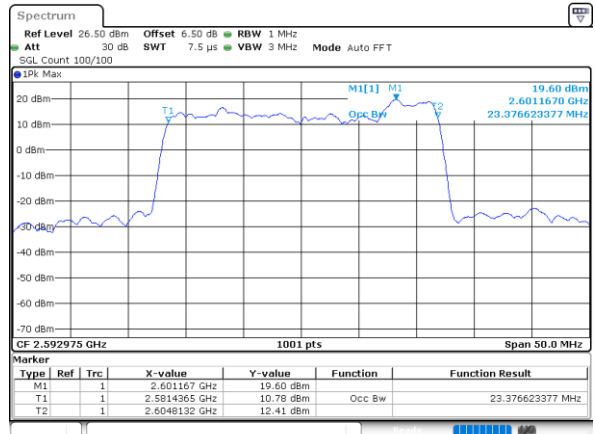


Middle Channel / 20MHz+5MHz / QPSK



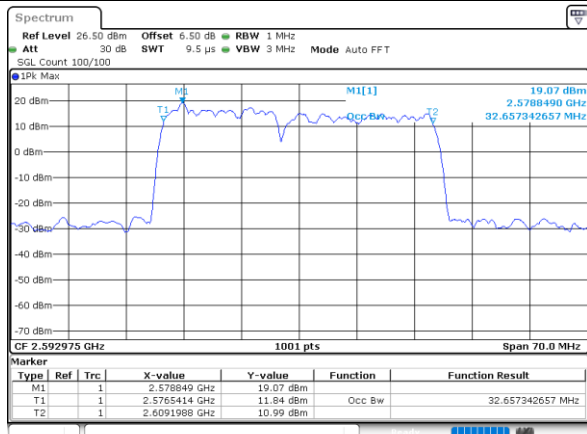
Date: 17.JUL.2024 11:37:21

Middle Channel / 20MHz+5MHz / 16QAM



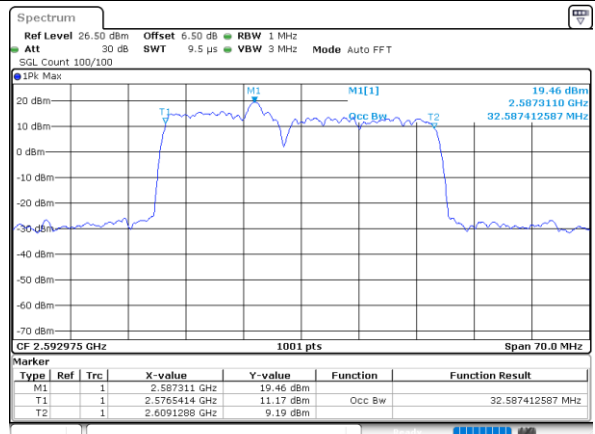
Date: 17.JUL.2024 11:35:59

Middle Channel / 15MHz+20MHz / QPSK



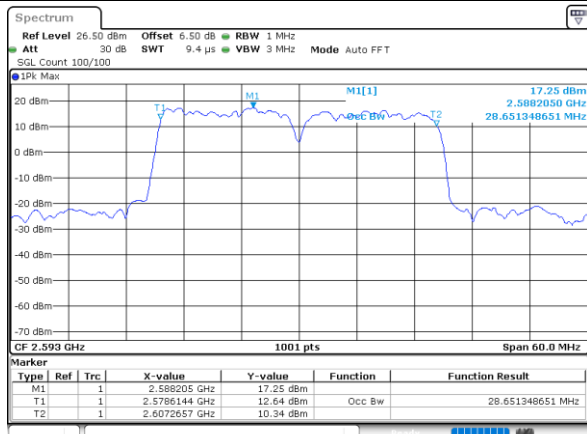
Date: 17.JUL.2024 12:15:44

Middle Channel /15MHz+20MHz / 16QAM



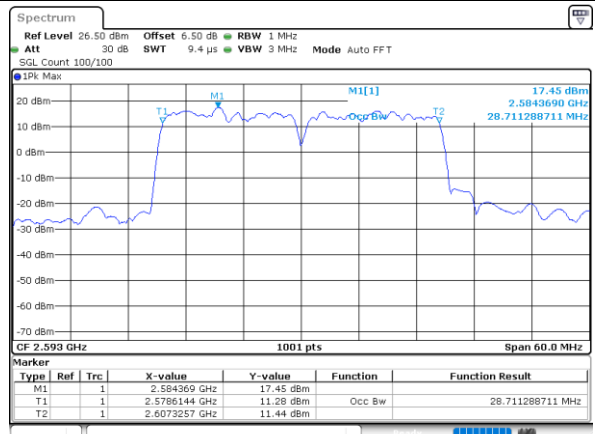
Date: 17.JUL.2024 12:15:22

Middle Channel / 15MHz+15MHz / QPSK



Date: 17.JUL.2024 12:15:27

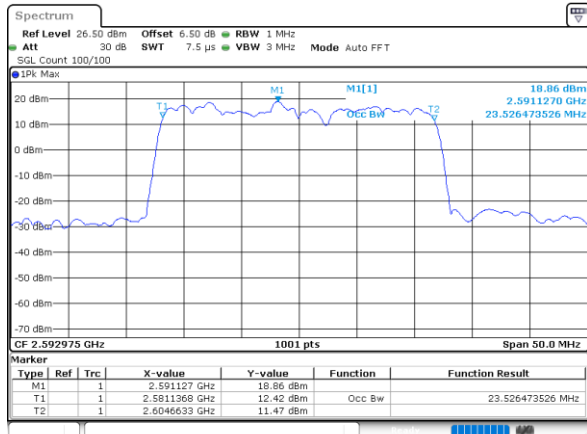
Middle Channel /15MHz+15MHz / 16QAM



Date: 17.JUL.2024 12:15:48

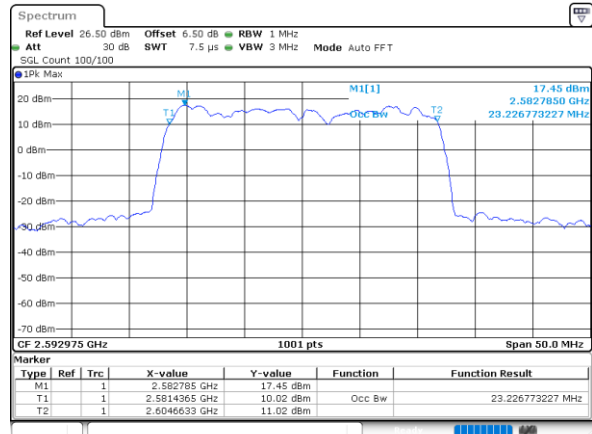


Middle Channel / 15MHz+10MHz / QPSK



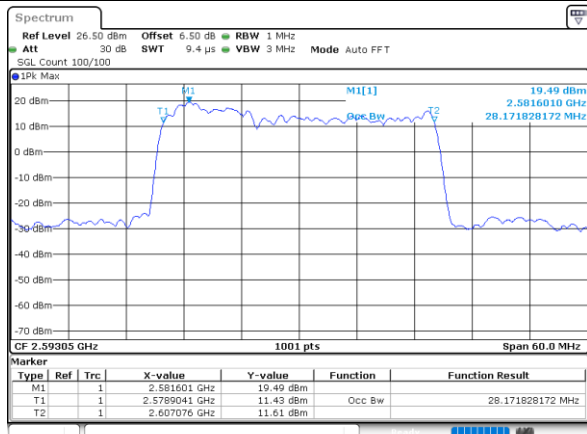
Date: 17_JUL_2024 11:42:00

Middle Channel / 15MHz+10MHz / 16QAM



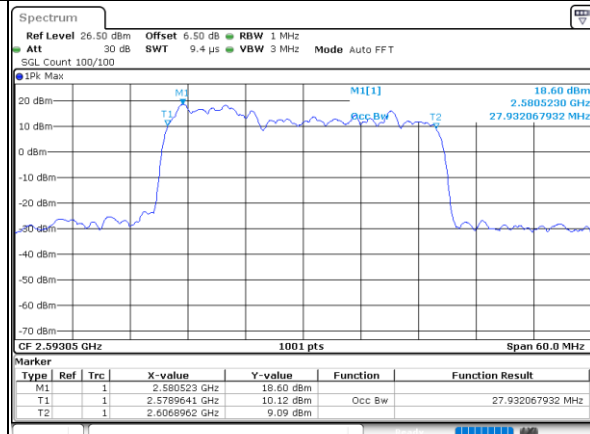
Date: 17_JUL_2024 11:40:38

Middle Channel / 10MHz+20MHz / QPSK



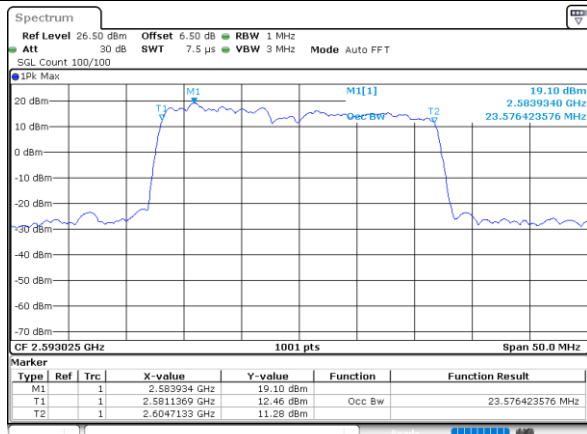
Date: 17_JUL_2024 11:43:17

Middle Channel / 10MHz+20MHz / 16QAM



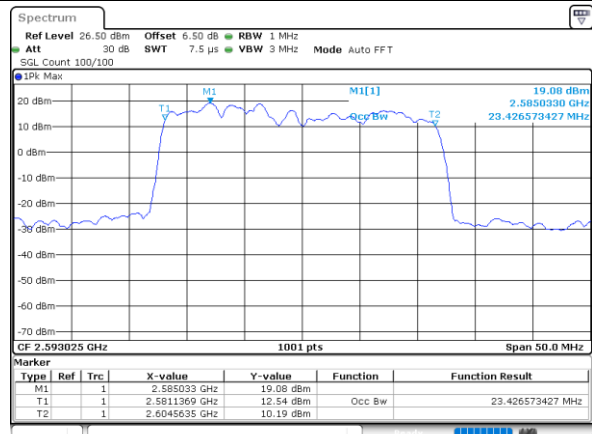
Date: 17_JUL_2024 11:44:39

Middle Channel / 10MHz+15MHz / QPSK



Date: 17_JUL_2024 11:38:17

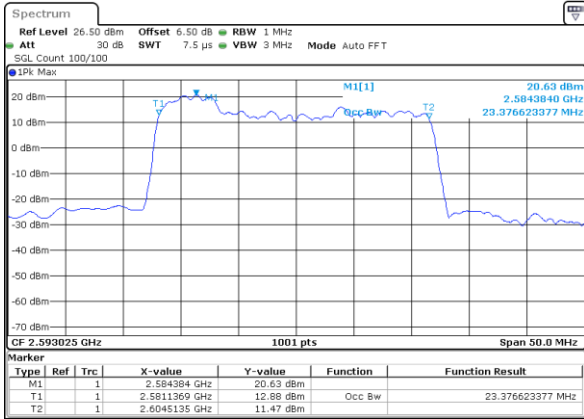
Middle Channel / 10MHz+15MHz / 16QAM



Date: 17_JUL_2024 11:39:39

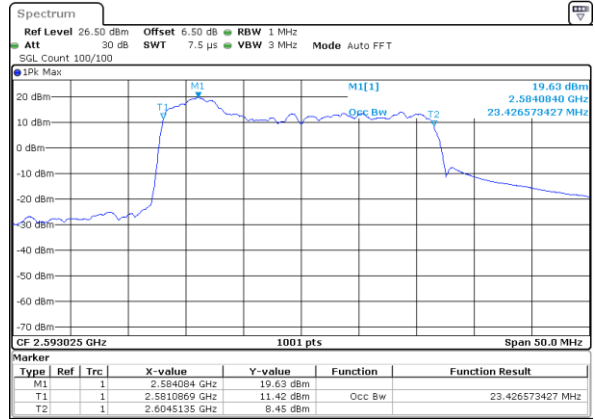


Middle Channel / 5MHz+20MHz / QPSK



Date: 17.JUL.2024 11:33:41

Middle Channel / 5MHz+20MHz / 16QAM



Date: 17.JUL.2024 11:35:03

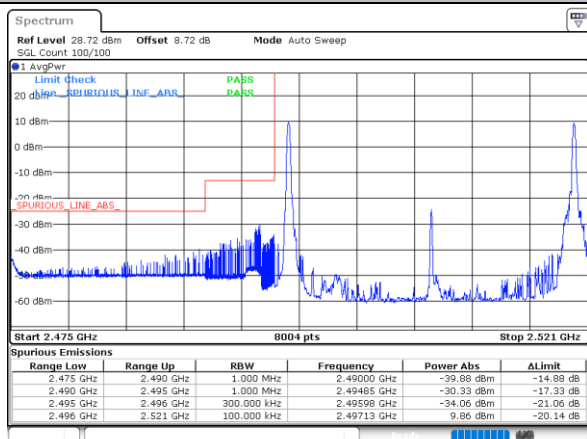


Conducted Band Edge

LTE Band 41C / 5MHz+20MHz

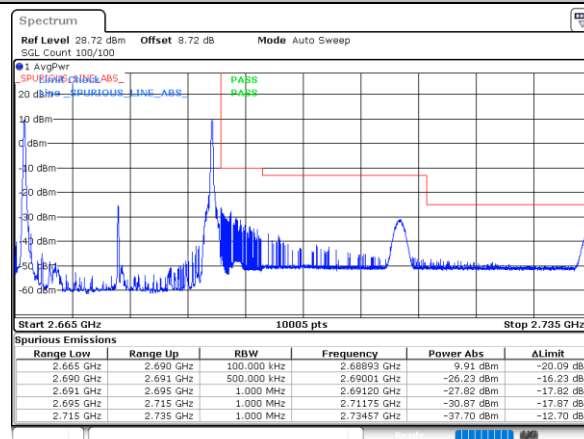
QPSK

Lowest Band Edge / 1RB0 and 1RB99



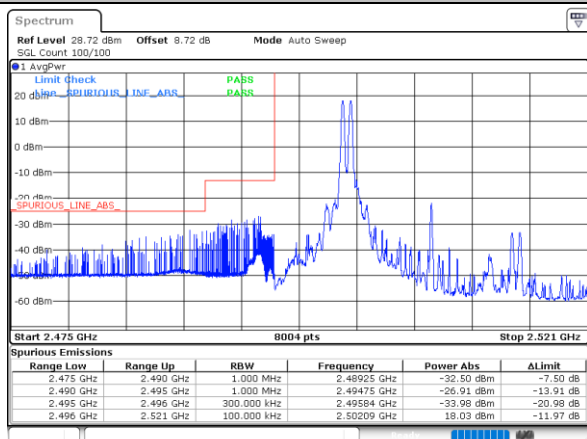
Date: 7.JUL.2024 23:59:56

Highest Band Edge / 1RB0 and 1RB99



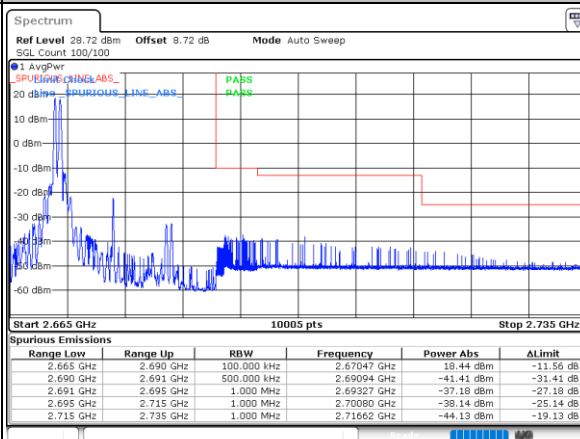
Date: 8.JUL.2024 00:15:43

Lowest Band Edge / 1RB24 and 1RB0



Date: 7.JUL.2024 23:55:56

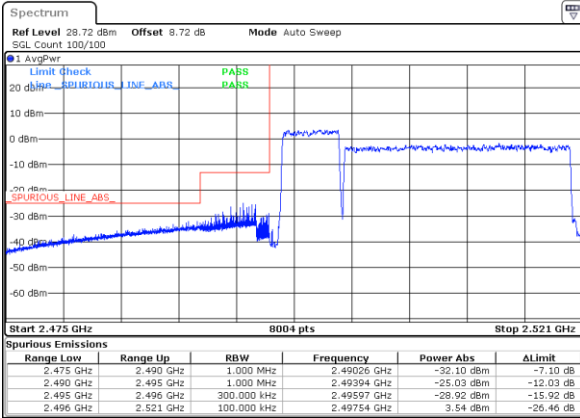
Highest Band Edge / 1RB24 and 1RB0



Date: 8.JUL.2024 00:11:39

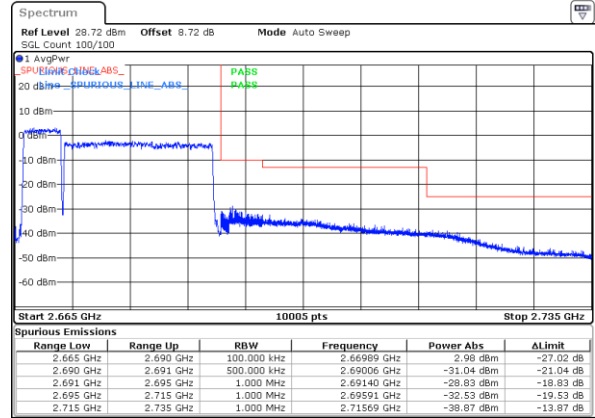


Lowest Band Edge / Full RB



Date: 8_JUL_2024 00:03:55

Highest Band Edge / Full RB



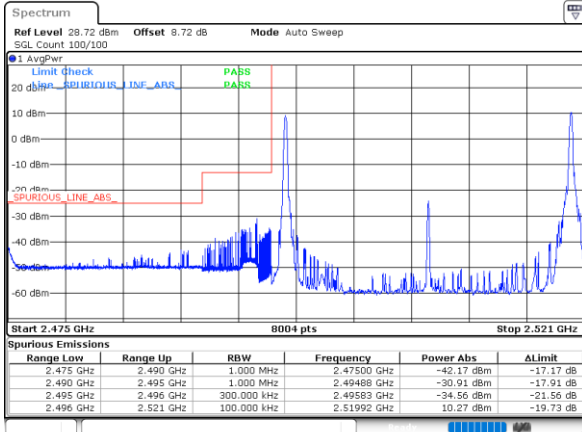
Date: 8_JUL_2024 00:19:40



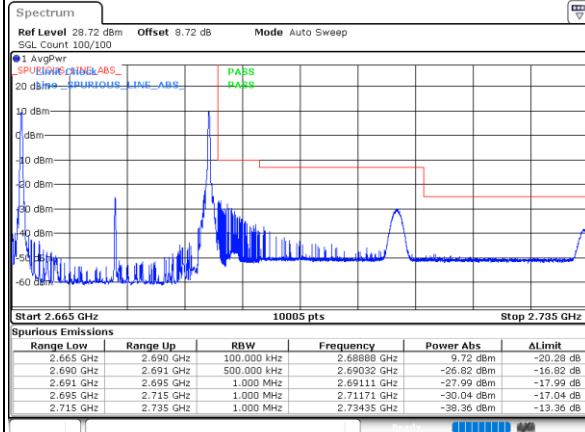
LTE Band 41C / 5MHz+20MHz

16QAM

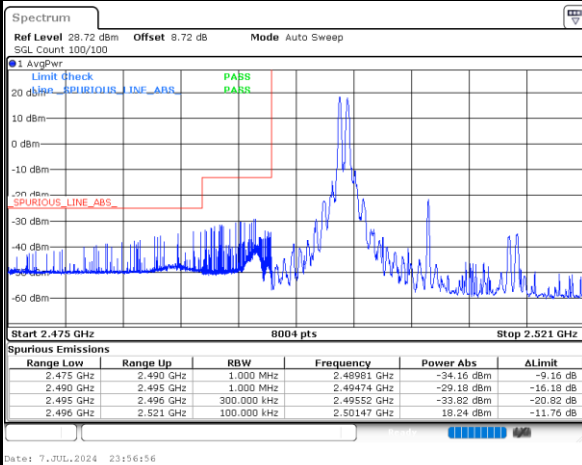
Lowest Band Edge / 1RB0 and 1RB99



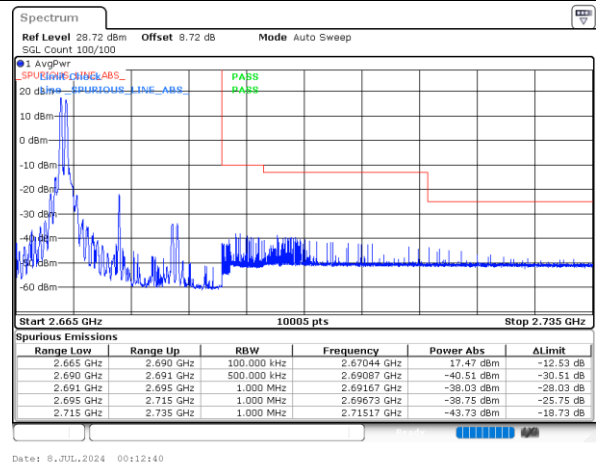
Highest Band Edge / 1RB0 and 1RB99



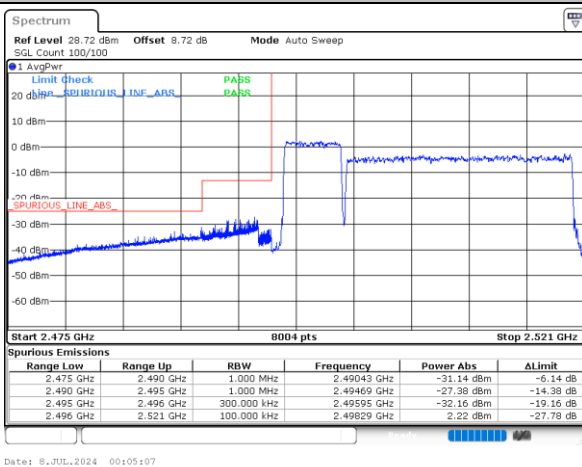
Lowest Band Edge / 1RB24 and 1RB0



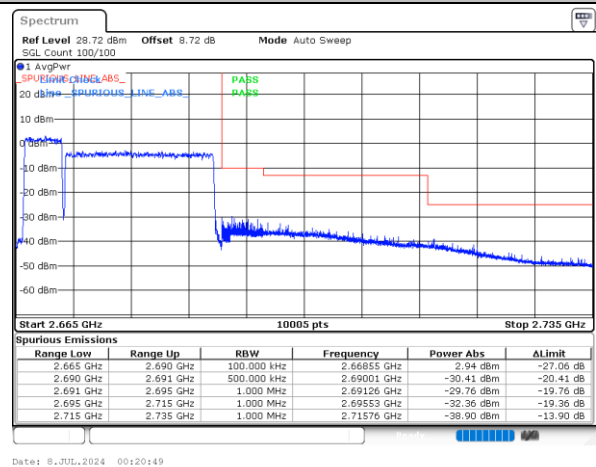
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

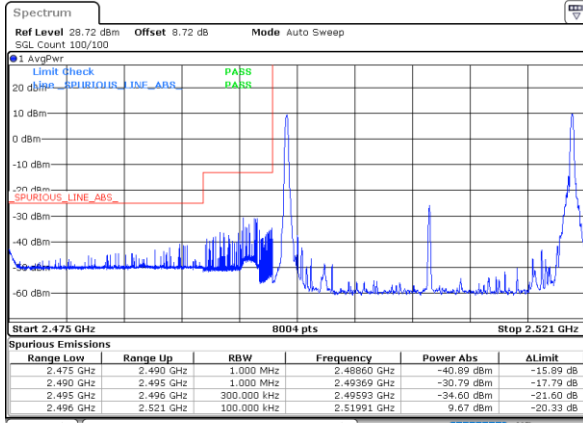




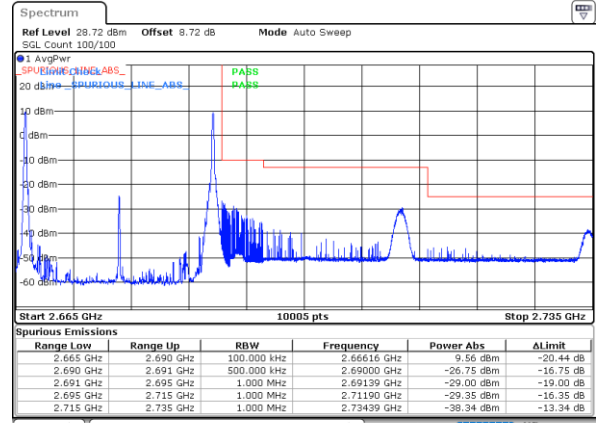
LTE Band 41C / 5MHz+20MHz

64QAM

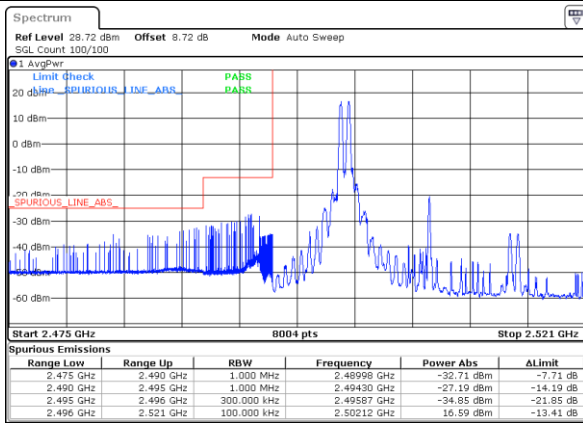
Lowest Band Edge / 1RB0 and 1RB99



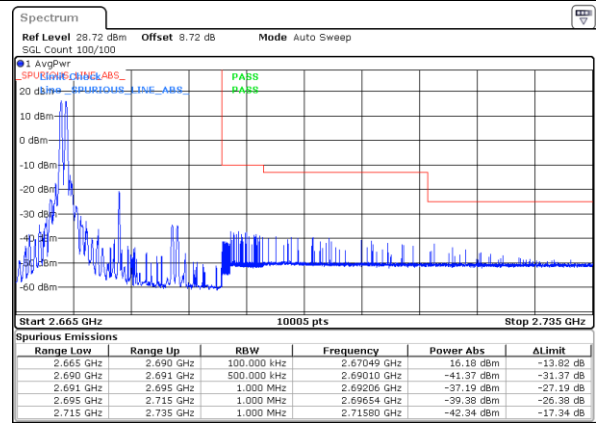
Highest Band Edge / 1RB0 and 1RB99



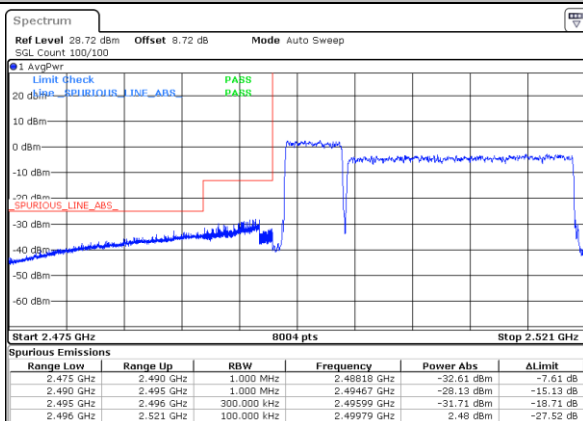
Lowest Band Edge / 1RB24 and 1RB0



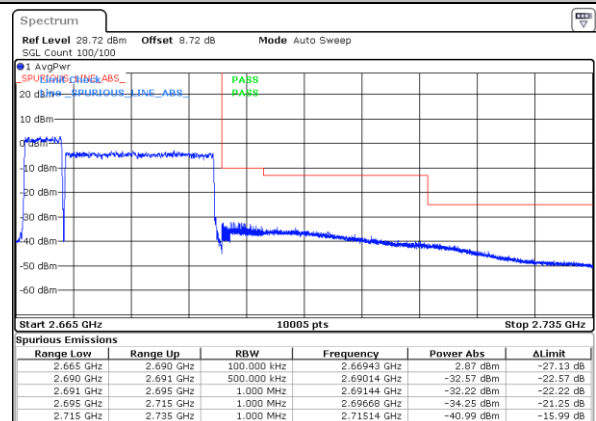
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

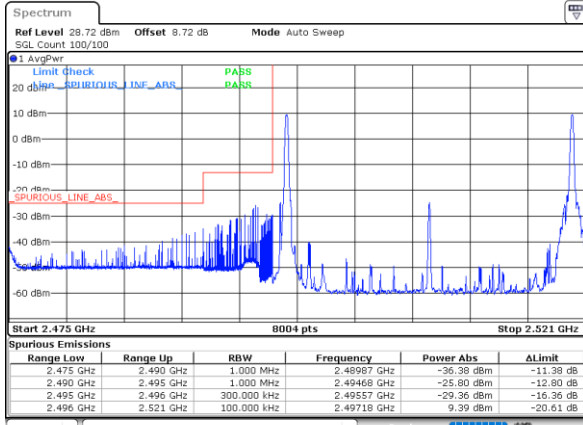




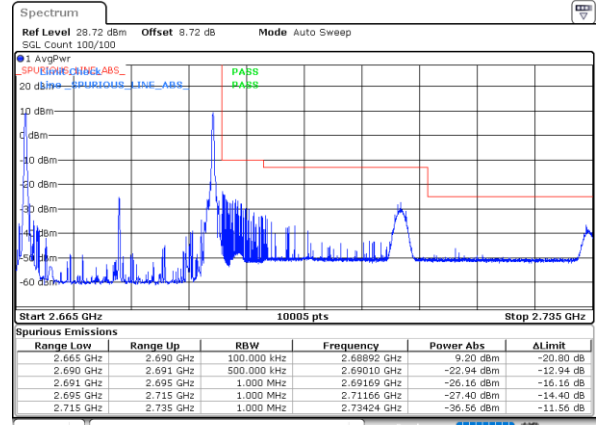
LTE Band 41C / 5MHz+20MHz

256QAM

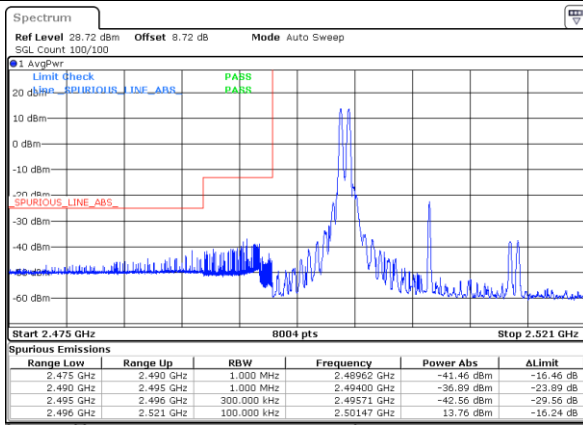
Lowest Band Edge / 1RB0 and 1RB99



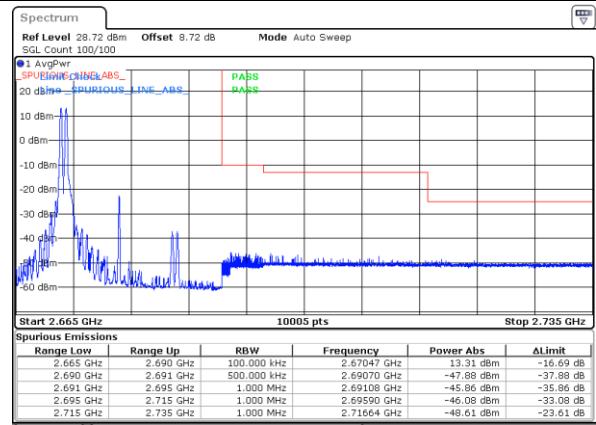
Highest Band Edge / 1RB0 and 1RB99



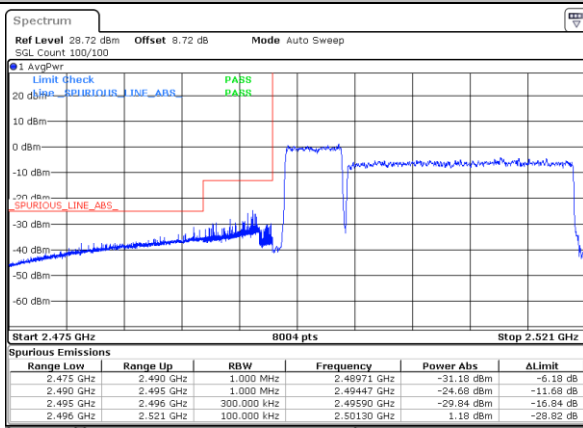
Lowest Band Edge / 1RB24 and 1RB0



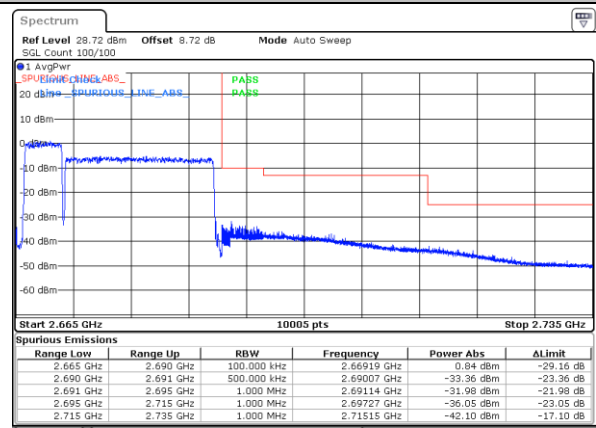
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

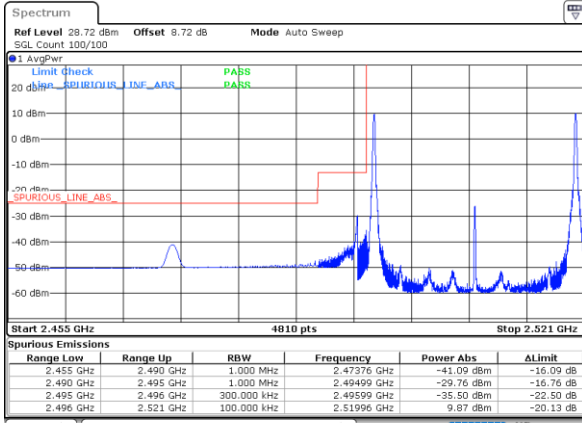




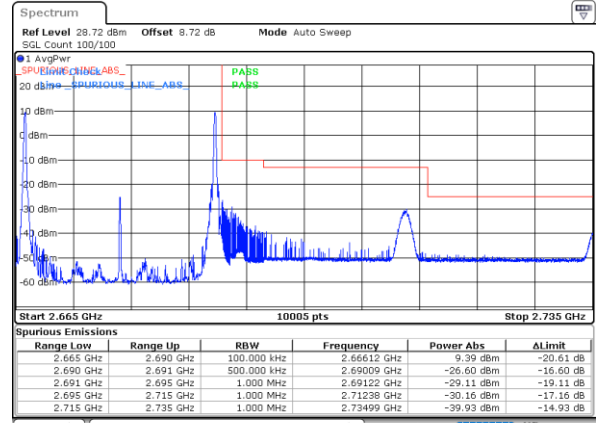
LTE Band 41C / 10MHz+15MHz

QPSK

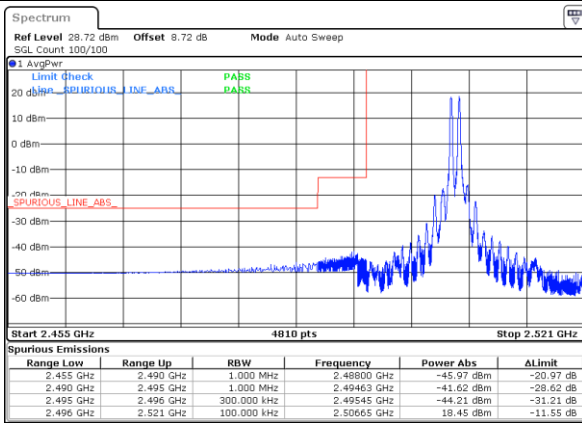
Lowest Band Edge / 1RB0 and 1RB74



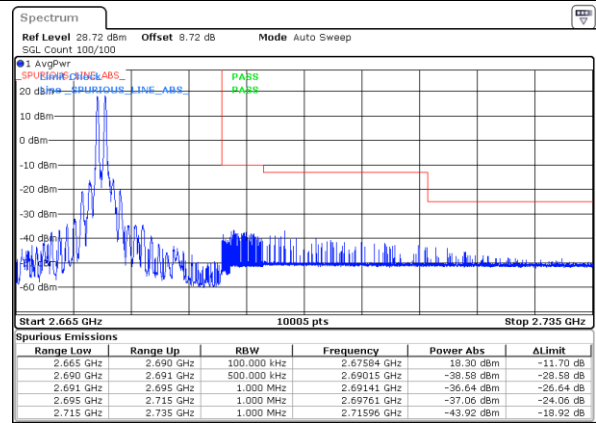
Highest Band Edge / 1RB0 and 1RB74



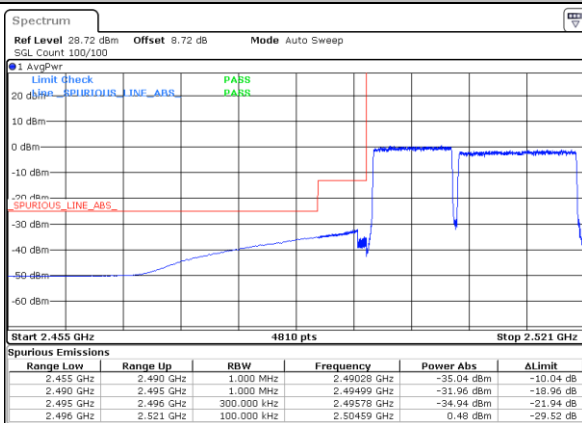
Lowest Band Edge / 1RB49 and 1RB0



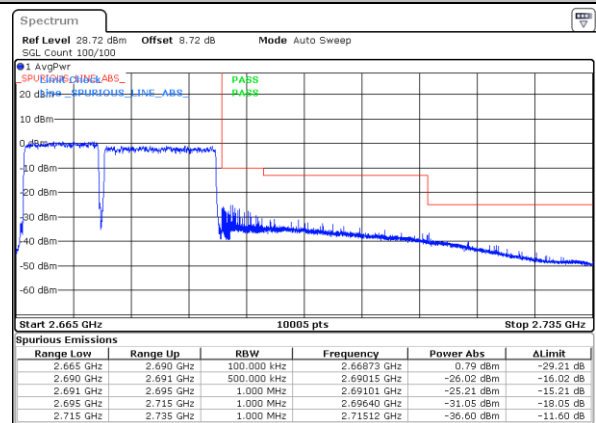
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

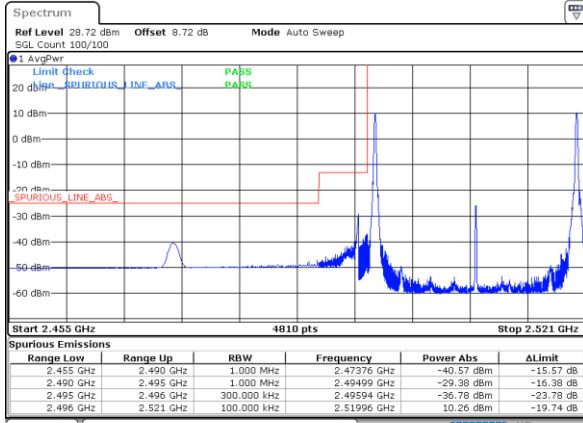




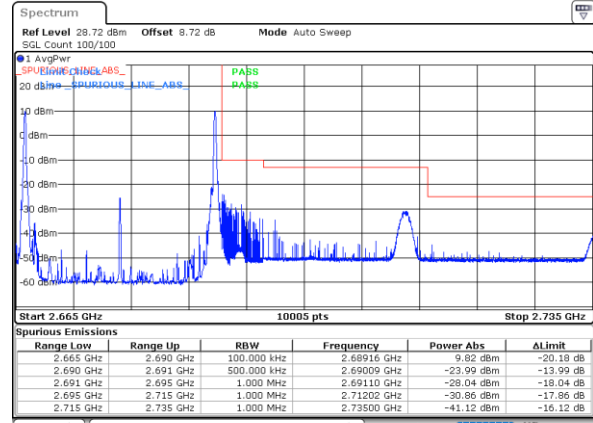
LTE Band 41C / 10MHz+15MHz

16QAM

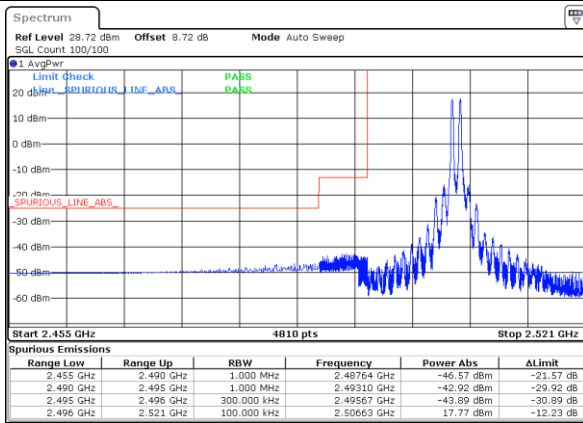
Lowest Band Edge / 1RB0 and 1RB74



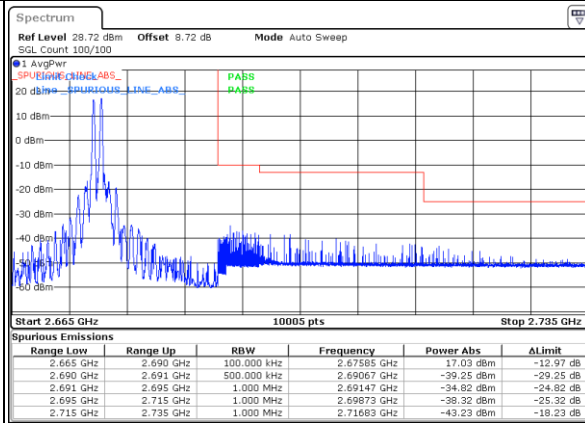
Highest Band Edge / 1RB0 and 1RB74



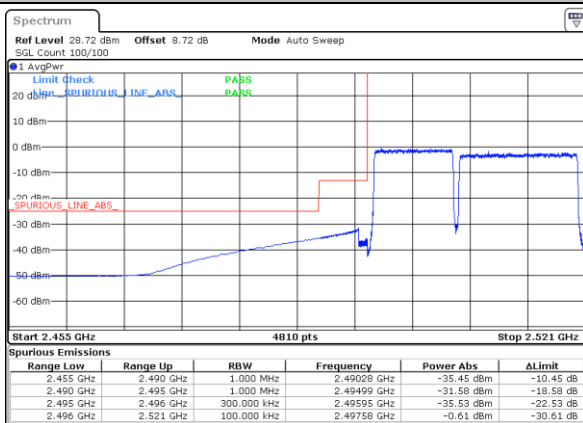
Lowest Band Edge / 1RB49 and 1RB0



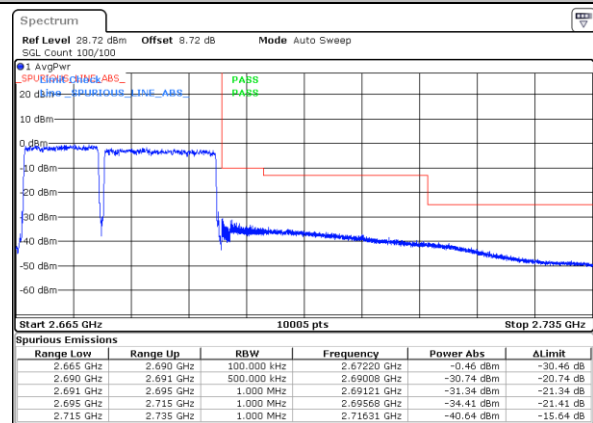
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

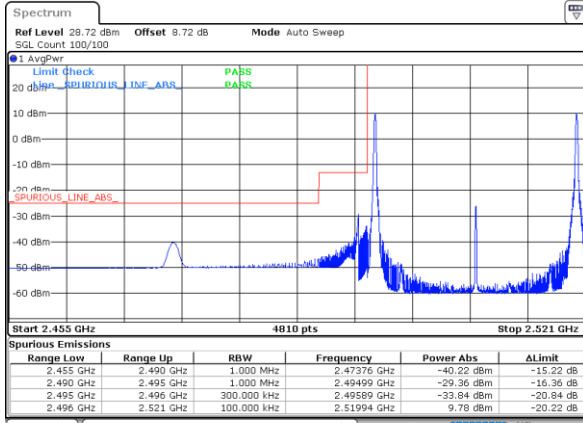




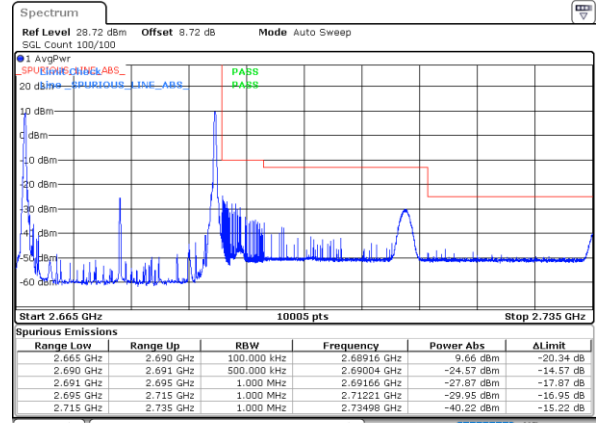
LTE Band 41C / 10MHz+15MHz

64QAM

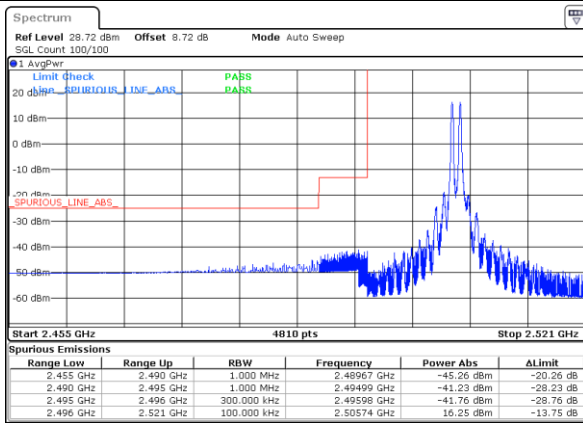
Lowest Band Edge / 1RB0 and 1RB74



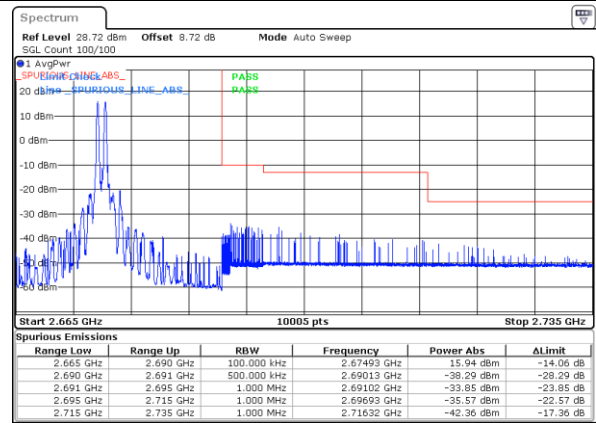
Highest Band Edge / 1RB0 and 1RB74



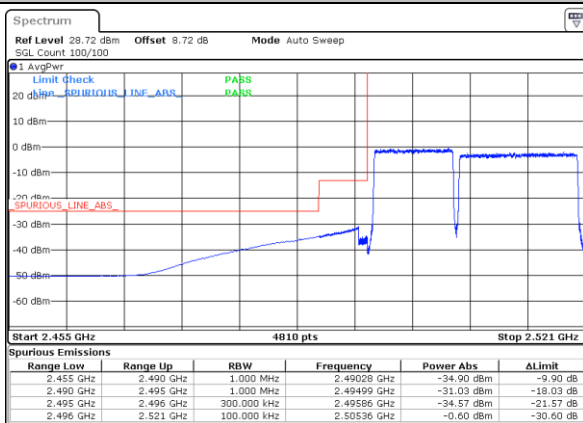
Lowest Band Edge / 1RB49 and 1RB0



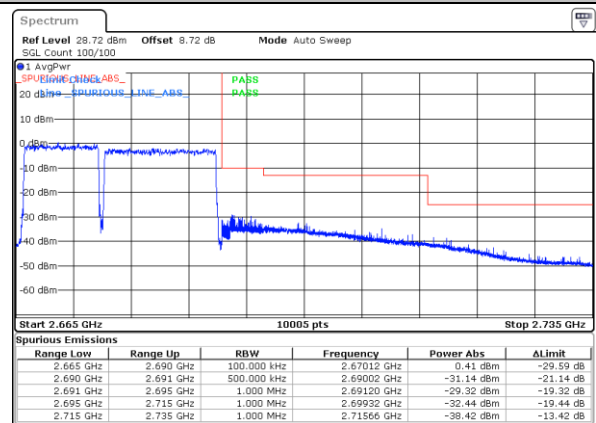
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

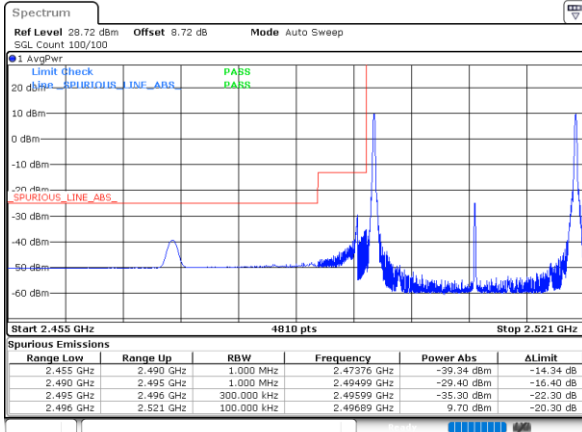




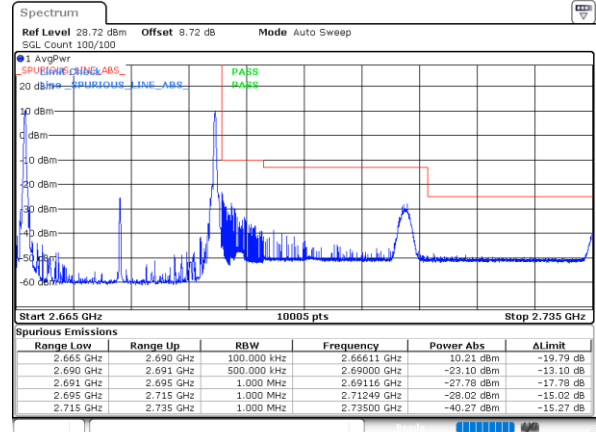
LTE Band 41C / 10MHz+15MHz

256AM

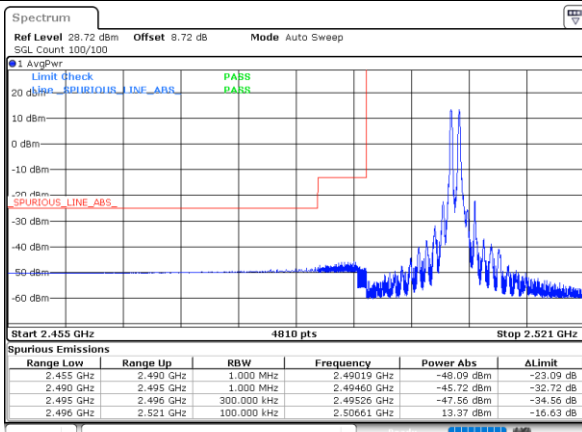
Lowest Band Edge / 1RB0 and 1RB74



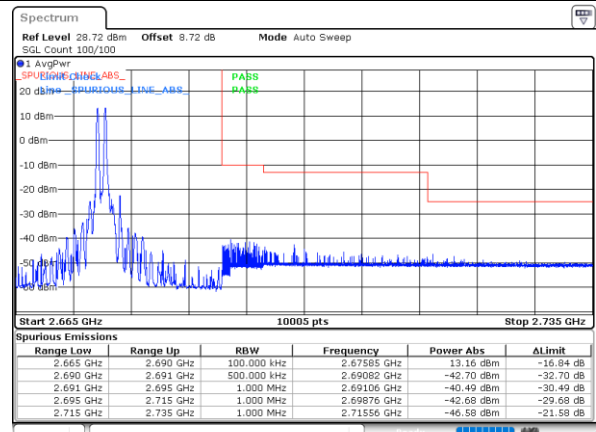
Highest Band Edge / 1RB0 and 1RB74



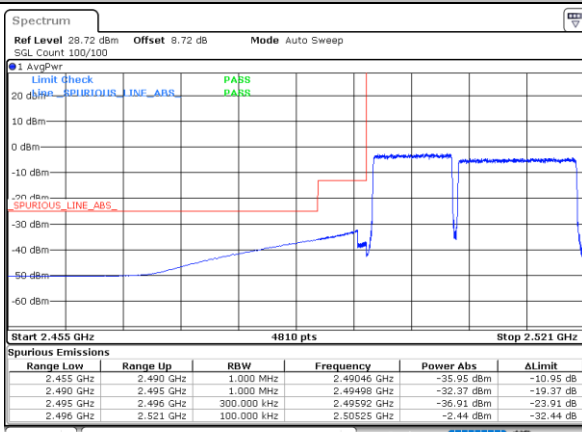
Lowest Band Edge / 1RB49 and 1RB0



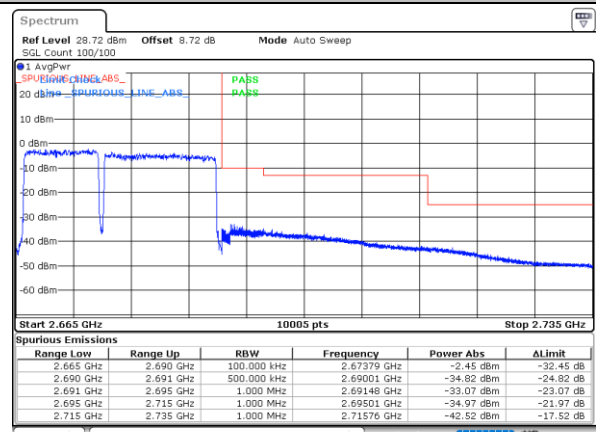
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

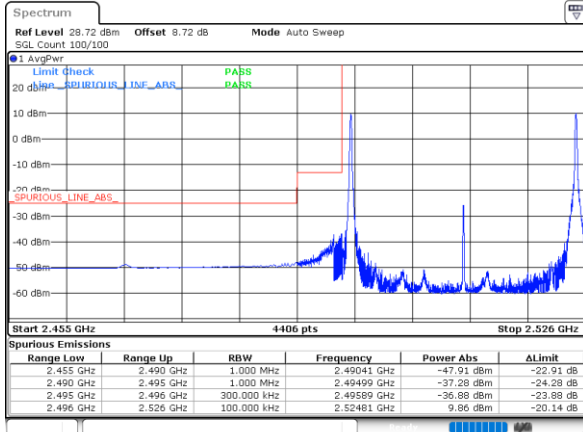




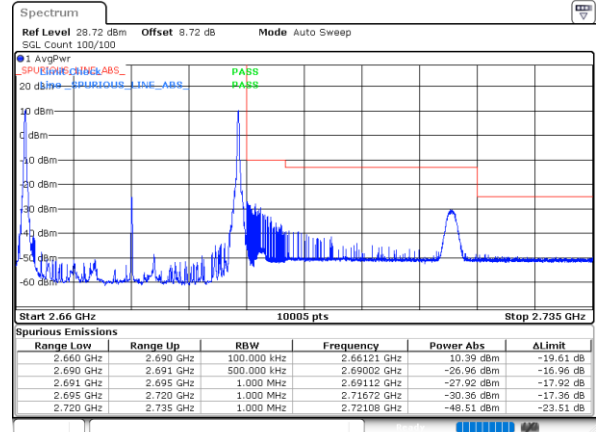
LTE Band 41C / 10MHz+20MHz

QPSK

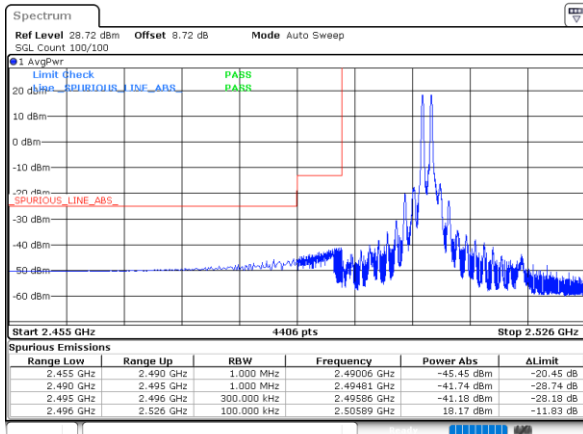
Lowest Band Edge / 1RB0 and 1RB99



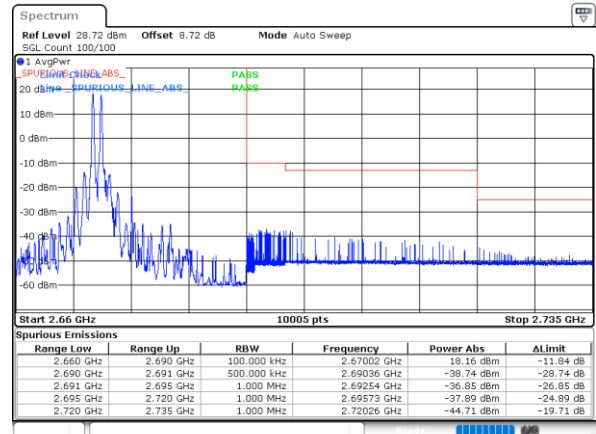
Highest Band Edge / 1RB0 and 1RB99



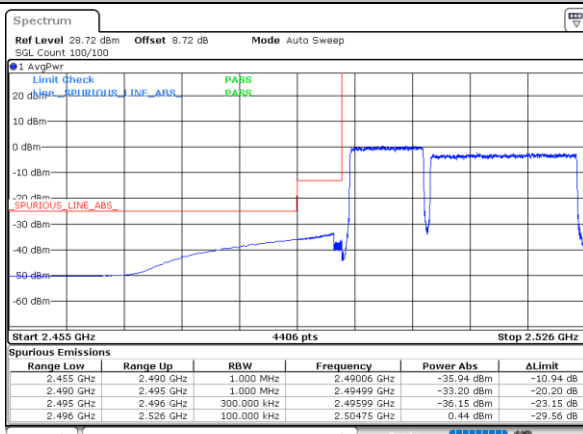
Lowest Band Edge / 1RB49 and 1RB0



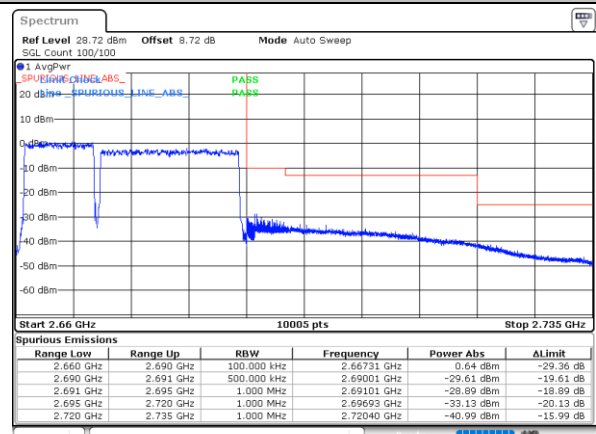
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

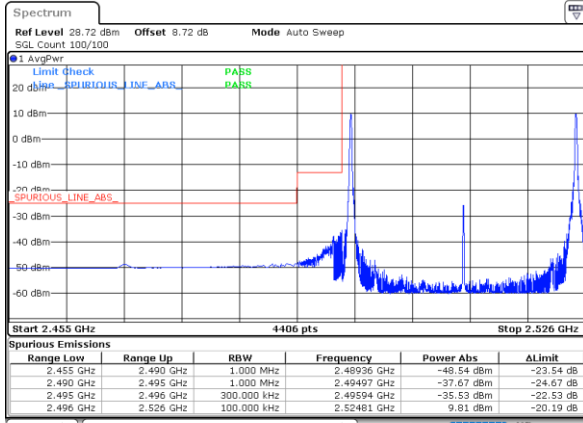




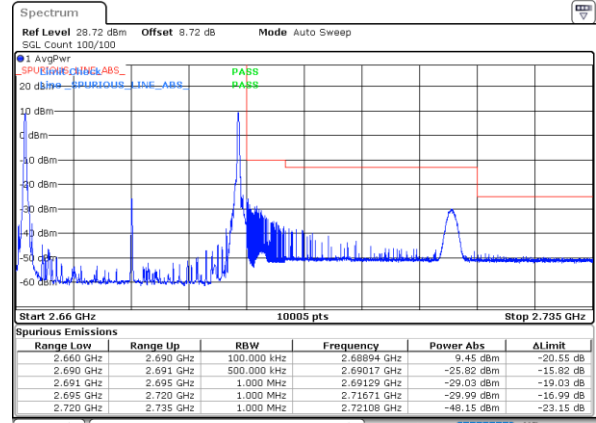
LTE Band 41C / 10MHz+20MHz

16QAM

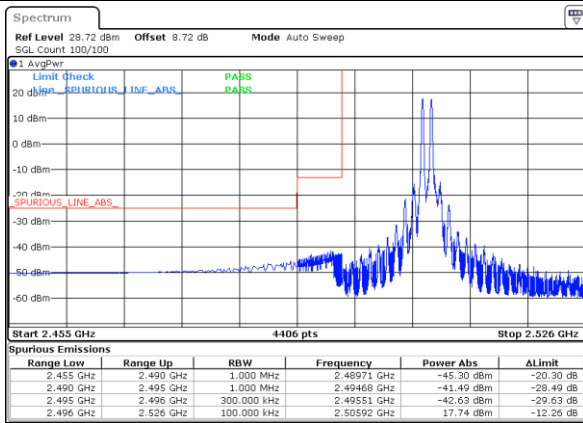
Lowest Band Edge / 1RB0 and 1RB99



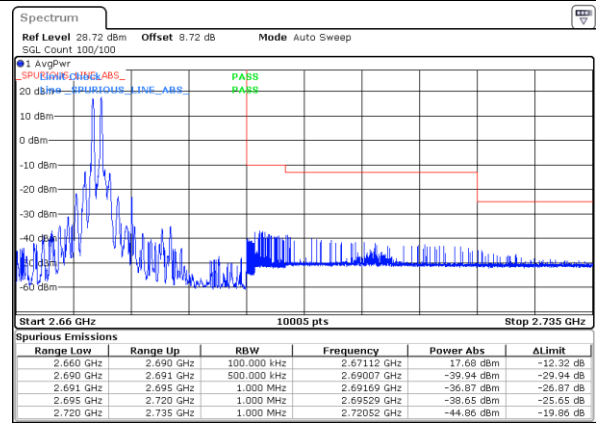
Highest Band Edge / 1RB0 and 1RB99



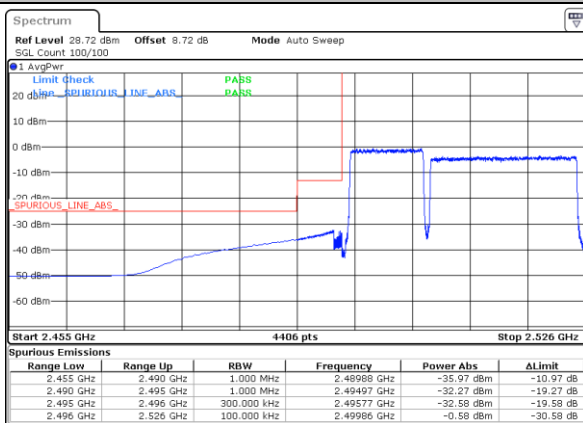
Lowest Band Edge / 1RB49 and 1RB0



Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

