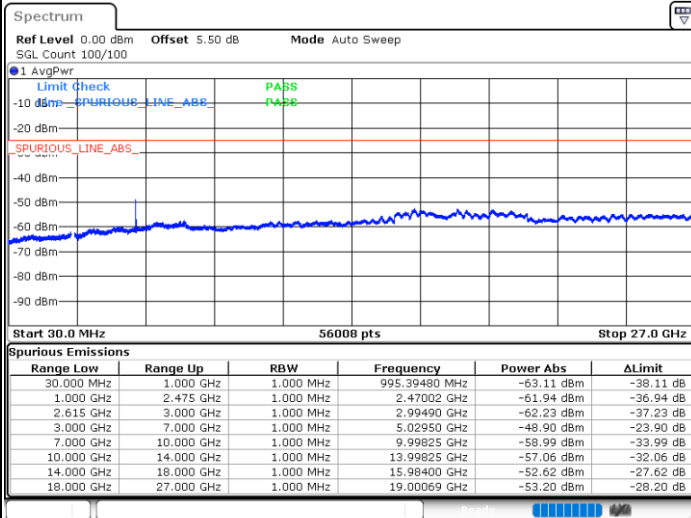




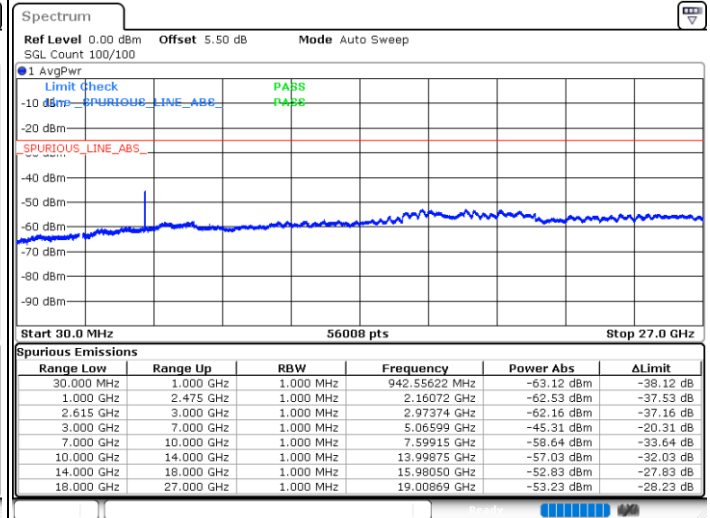
LTE Band 7C / 15MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

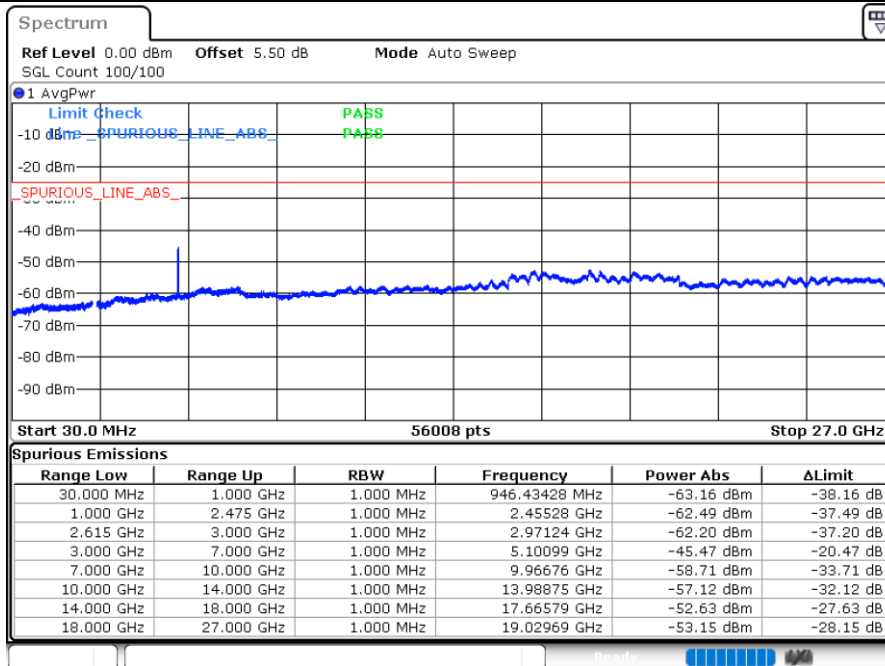


Date: 5.FEB.2024 12:50:29



Date: 5.FEB.2024 13:05:36

Highest Channel / QPSK



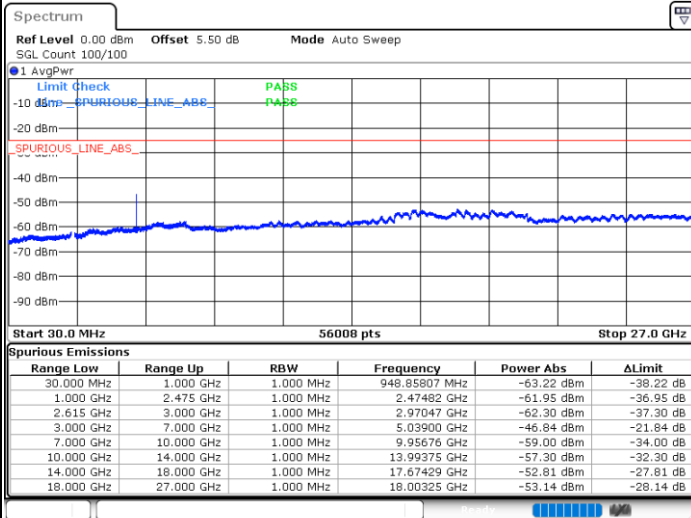
Date: 6.FEB.2024 19:35:01



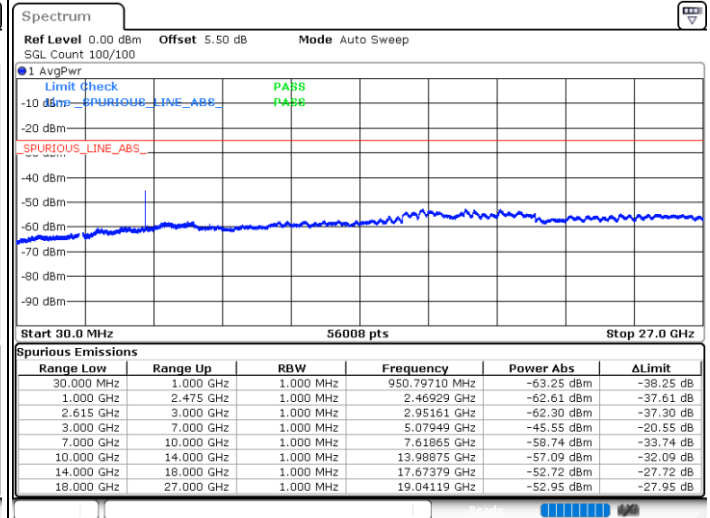
LTE Band 7C / 20MHz+10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

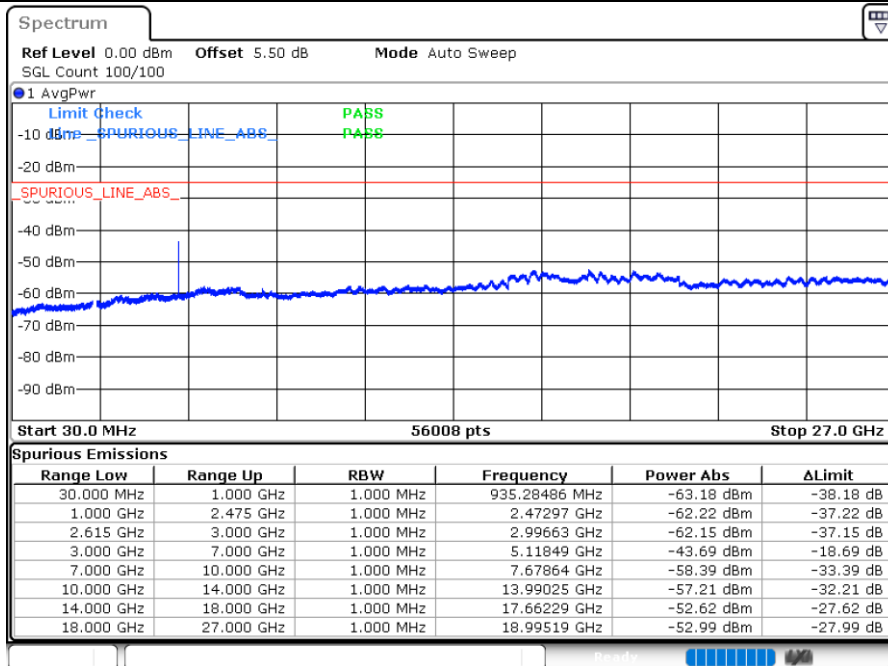


Date: 5.FEB.2024 13:33:49



Date: 6.FEB.2024 19:38:43

Highest Channel / QPSK



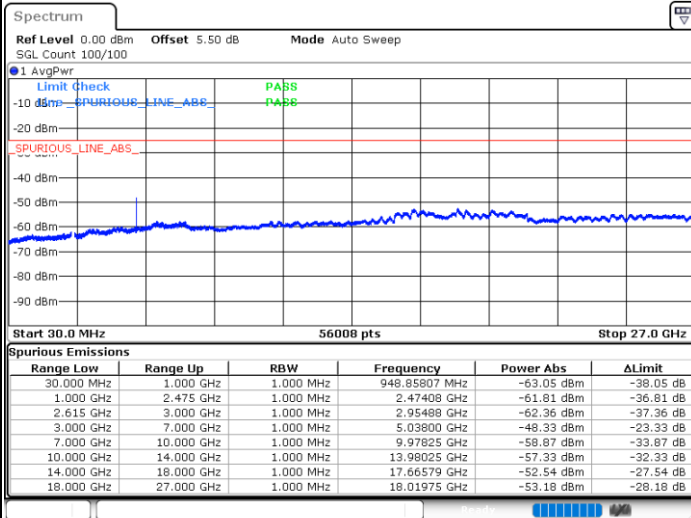
Date: 6.FEB.2024 19:41:40



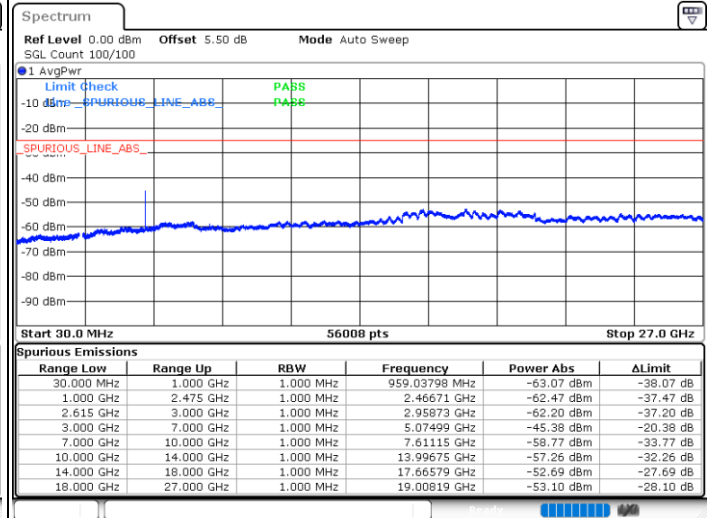
LTE Band 7C / 20MHz+15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

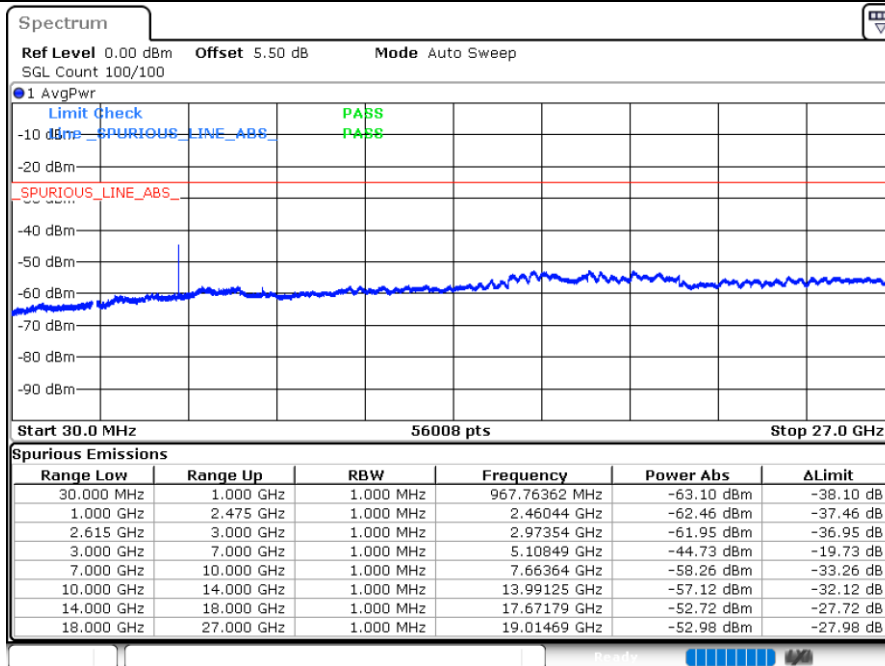


Date: 5.FEB.2024 14:04:05



Date: 5.FEB.2024 14:19:13

Highest Channel / QPSK



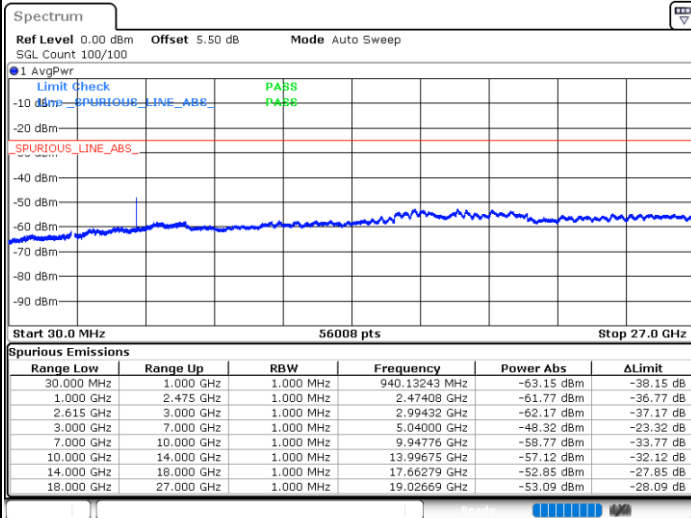
Date: 6.FEB.2024 19:45:38



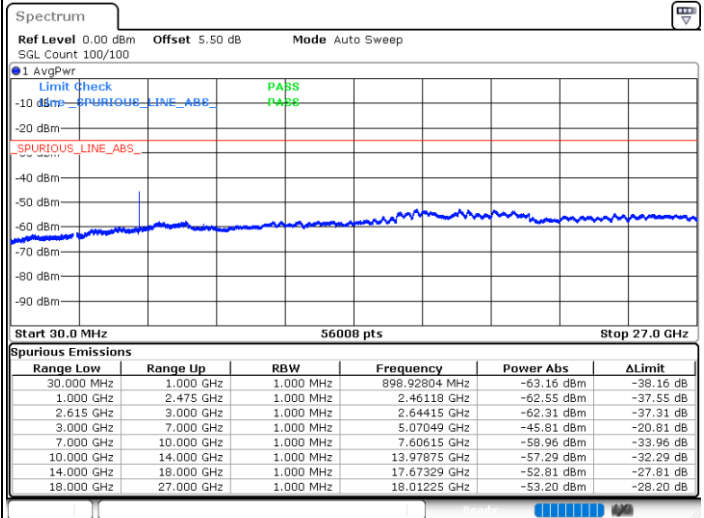
LTE Band 7C /20MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

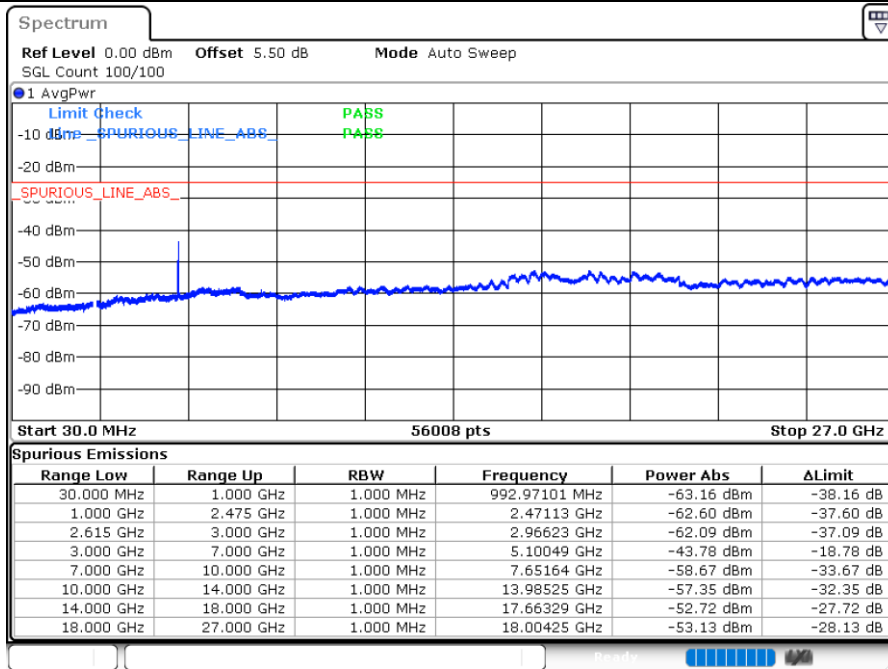


Date: 5.FEB.2024 14:34:21



Date: 5.FEB.2024 14:47:40

Highest Channel / QPSK



Date: 5.FEB.2024 14:49:32

Frequency Stability

Test Conditions		LTE Band 7C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0054	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0038	
0	Normal Voltage	0.0032	
-10	Normal Voltage	0.0046	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0024	
20	Minimum Voltage	0.0028	

Note:

1. Normal Voltage =3.8 V. ; Minimum Voltage =3.3V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band CA_41C

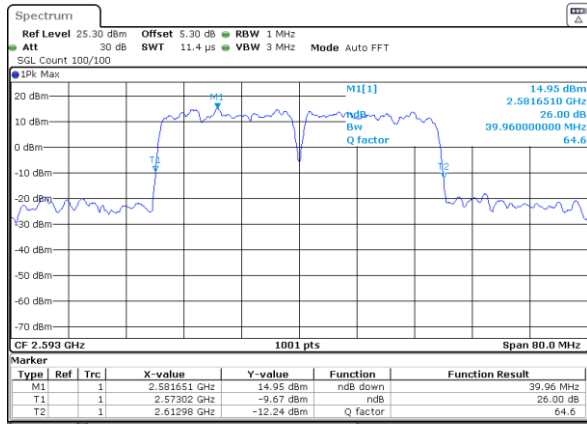
26dB Bandwidth

Mode	LTE Band 41-CA : 26dB BW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	39.96	39.72
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	35.04	34.97
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.03	30.03
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	24.88	24.83
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	34.90	34.97
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.51	30.51
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.38	25.13
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	29.97	30.15
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	25.23	25.23
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	24.78	24.83



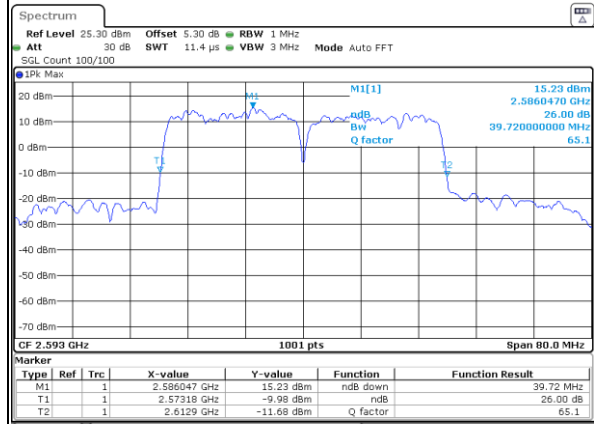
TE Band 41

Middle Channel / 20MHz+20MHz / QPSK



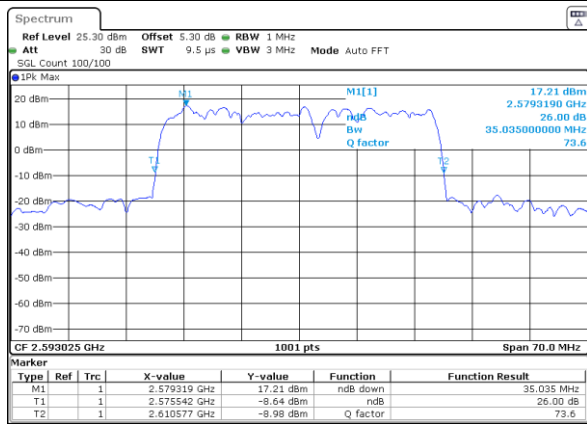
Date: 26, JAN, 2024 00:20:51

Middle Channel / 20MHz+20MHz / 16QAM



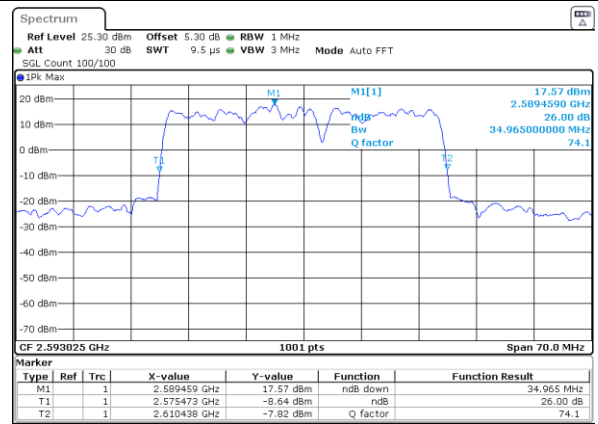
Date: 26, JAN, 2024 00:22:08

Middle Channel / 20MHz+15MHz / QPSK



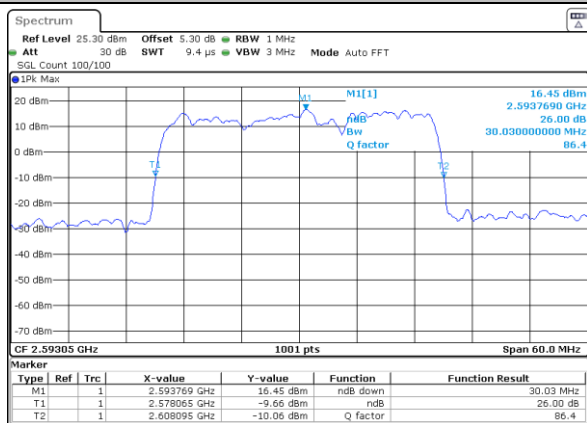
Date: 26, JAN, 2024 00:18:05

Middle Channel / 20MHz+15MHz / 16QAM



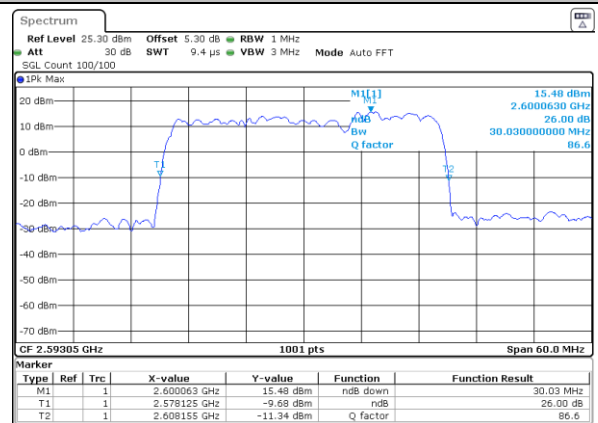
Date: 26, JAN, 2024 00:19:12

Middle Channel / 20MHz+10MHz / QPSK



Date: 26, JAN, 2024 00:29:57

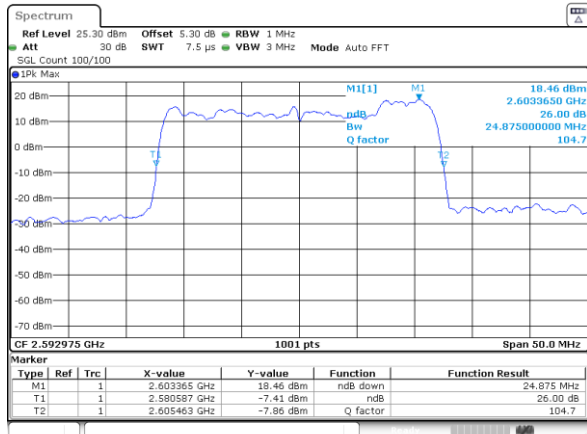
Middle Channel / 20MHz+10MHz / 16QAM



Date: 26, JAN, 2024 00:31:47

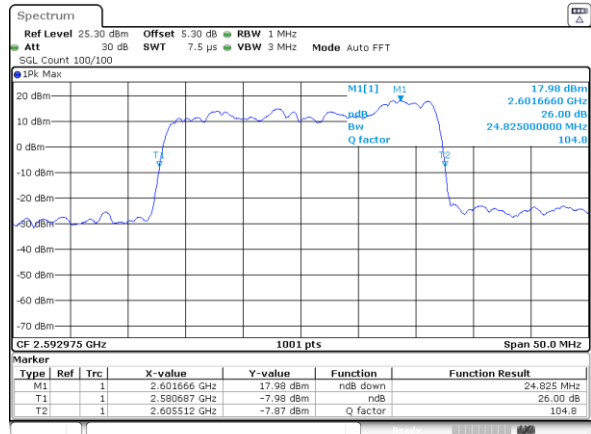


Middle Channel / 20MHz+5MHz / QPSK



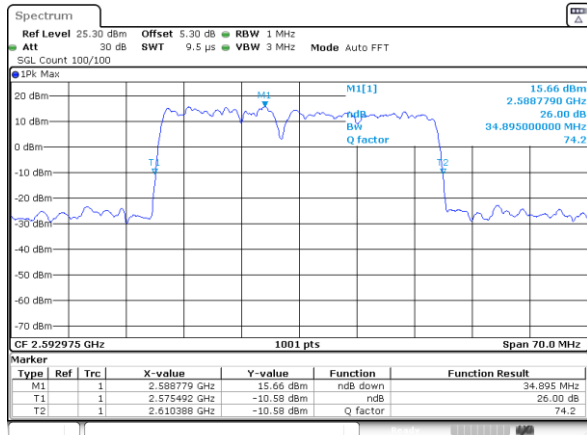
Date: 26, JAN, 2024 00:33:49

Middle Channel / 20MHz+5MHz / 16QAM



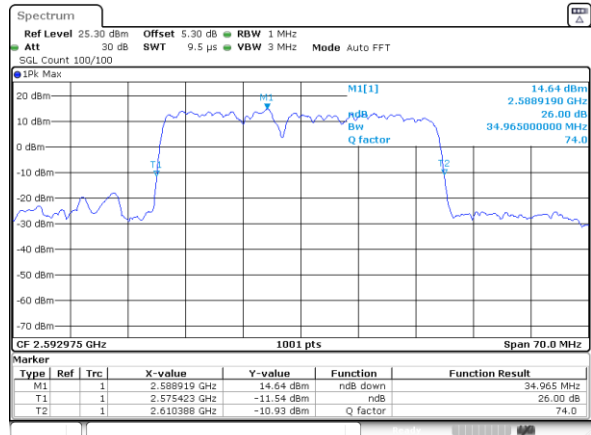
Date: 26, JAN, 2024 00:35:15

Middle Channel / 15MHz+20MHz / QPSK



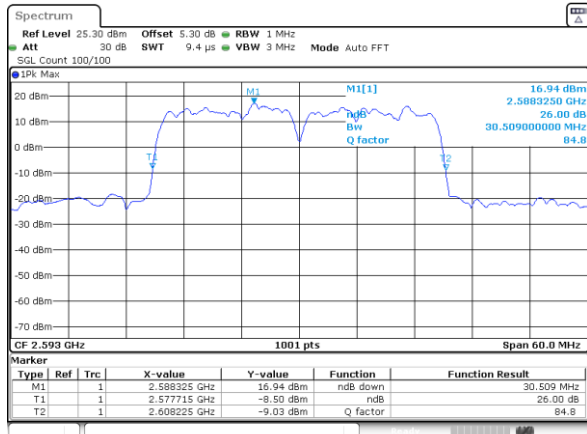
Date: 26, JAN, 2024 00:39:33

Middle Channel / 15MHz+20MHz / 16QAM



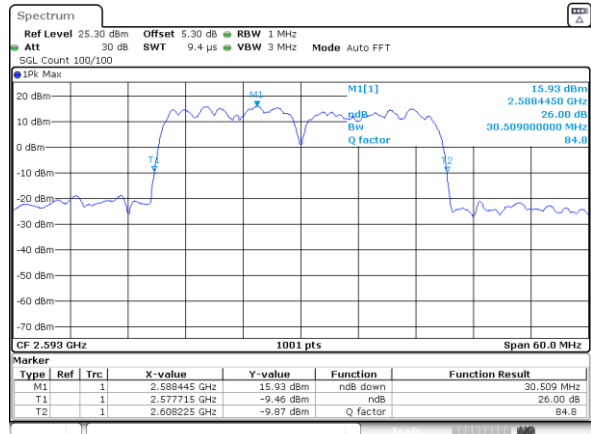
Date: 26, JAN, 2024 00:41:07

Middle Channel / 15MHz+15MHz / QPSK



Date: 26, JAN, 2024 00:43:02

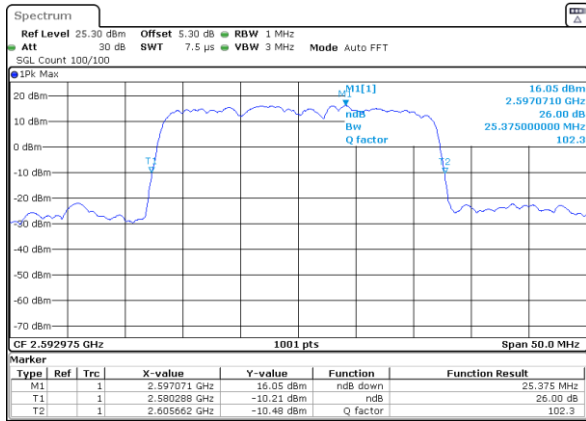
Middle Channel / 15MHz+15MHz / 16QAM



Date: 26, JAN, 2024 00:44:08

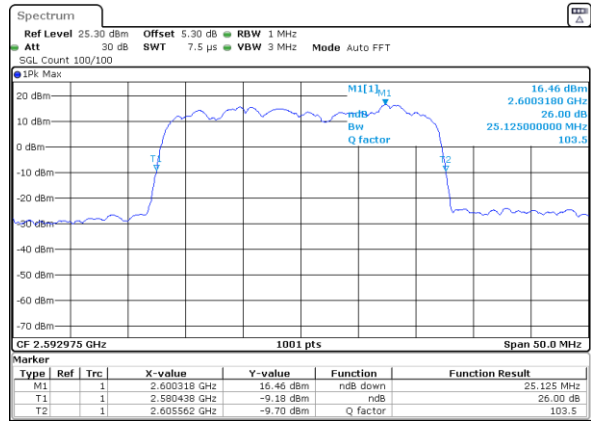


Middle Channel / 15MHz+10MHz / QPSK



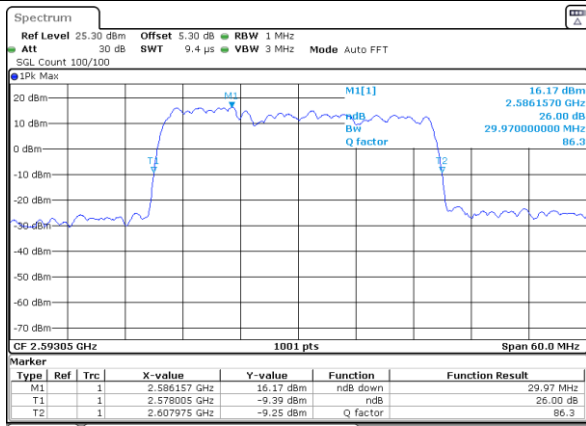
Date: 26, JAN, 2024 00:47:47

Middle Channel / 15MHz+10MHz / 16QAM



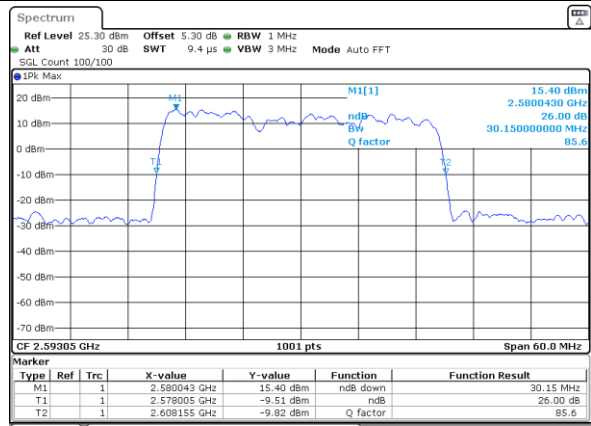
Date: 26, JAN, 2024 00:49:08

Middle Channel / 10MHz+20MHz / QPSK



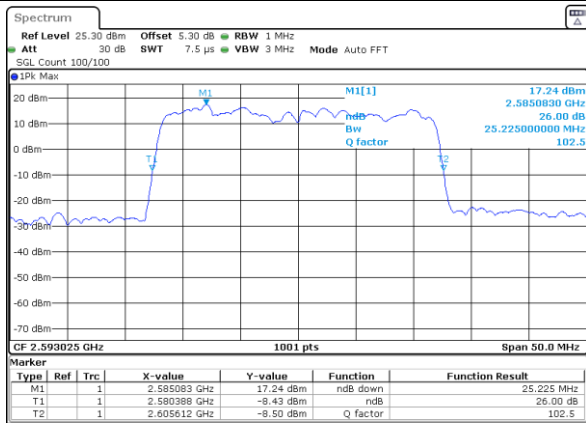
Date: 26, JAN, 2024 00:59:10

Middle Channel / 10MHz+20MHz / 16QAM



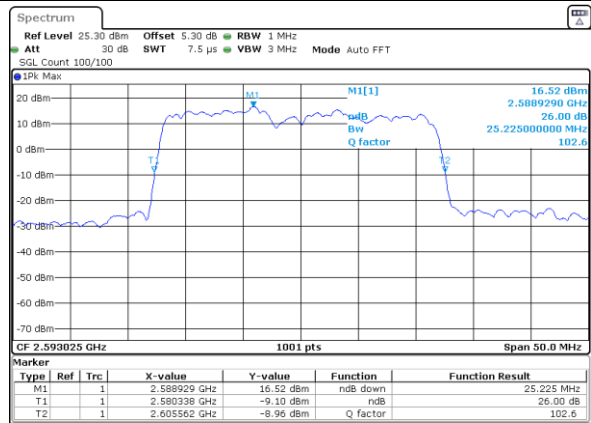
Date: 26, JAN, 2024 01:02:01

Middle Channel / 10MHz+15MHz / QPSK



Date: 26, JAN, 2024 01:05:10

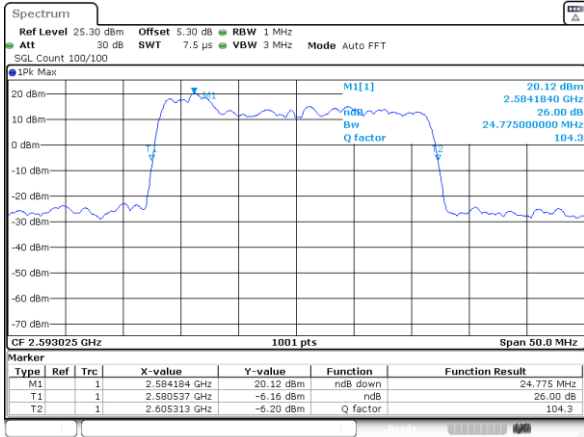
Middle Channel / 10MHz+15MHz / 16QAM



Date: 26, JAN, 2024 01:09:09

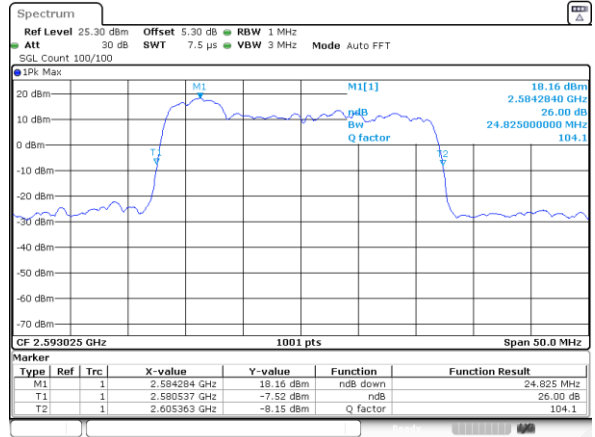


Middle Channel /5MHz+20MHz / QPSK



Date: 26.JAN.2024 01:14:39

Middle Channel / 5MHz+20MHz / 16QAM



Date: 26.JAN.2024 01:15:44

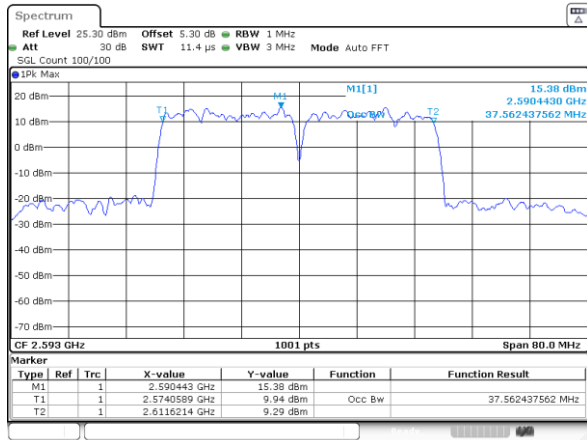
**Occupied Bandwidth**

Mode	LTE Band 41-CA : 99%OBW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.56	37.48
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	33.01	32.80
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	27.99	28.11
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	23.18	23.33
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	33.01	32.66
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.59	28.53
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.48	23.28
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	28.11	28.05
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	23.68	23.48
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	23.28	23.28

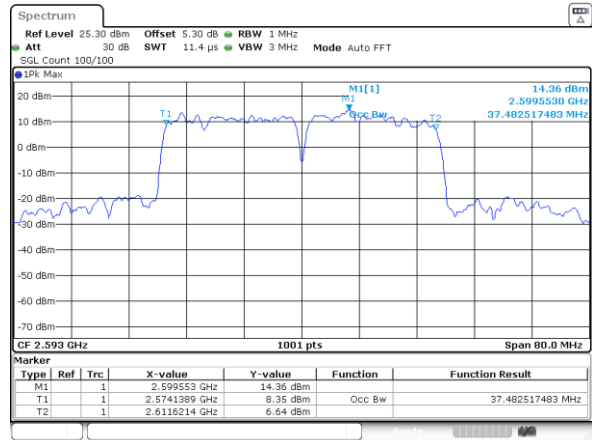


LTE Band 41

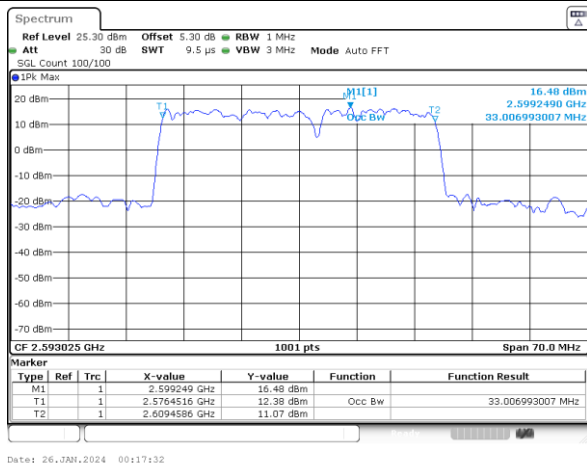
Middle Channel / 20MHz+20MHz / QPSK



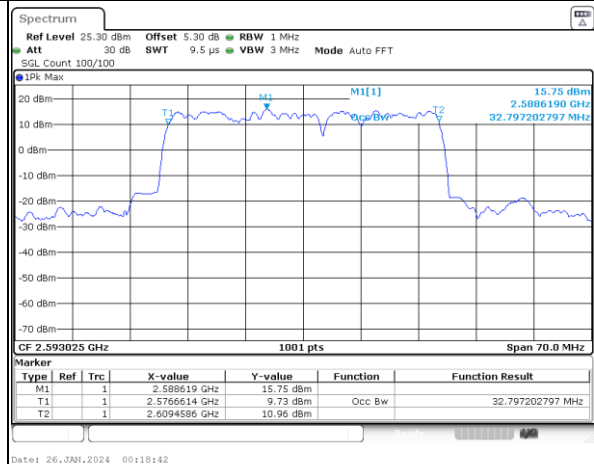
Middle Channel / 20MHz+20MHz / 16QAM



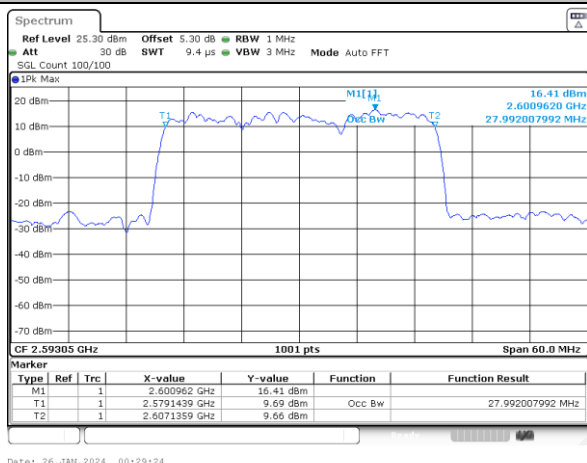
Middle Channel / 20MHz+15MHz / QPSK



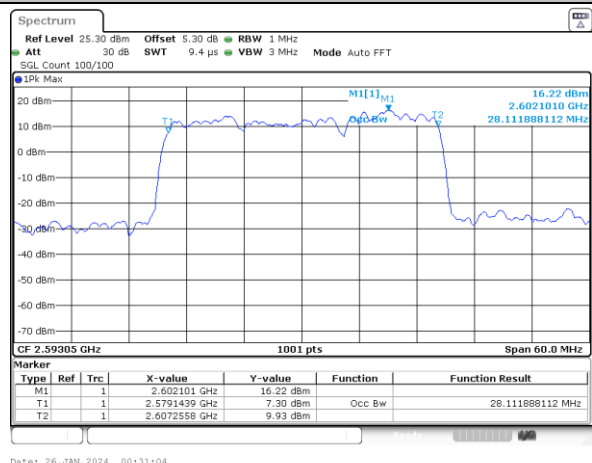
Middle Channel / 20MHz+15MHz / 16QAM



Middle Channel / 20MHz+10MHz / QPSK

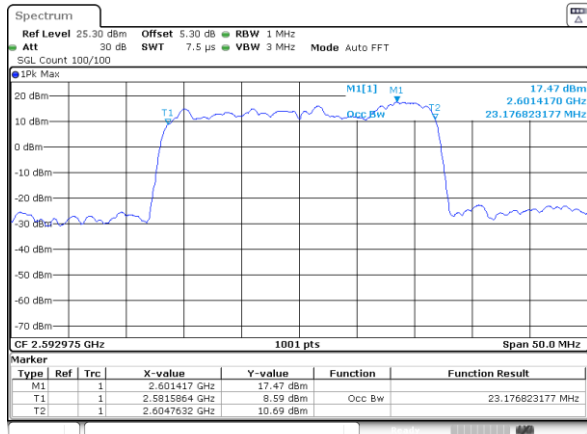


Middle Channel / 20MHz+10MHz / 16QAM



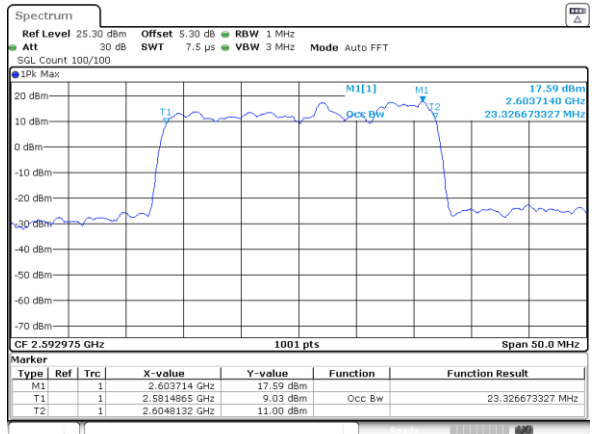


Middle Channel / 20MHz+5MHz / QPSK



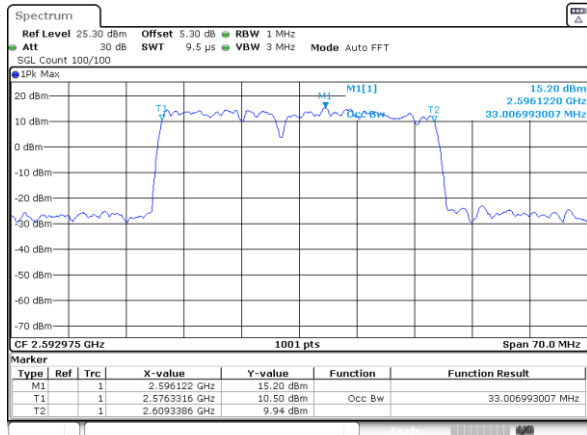
Date: 26, JAN, 2024 00:33:13

Middle Channel / 20MHz+5MHz / 16QAM



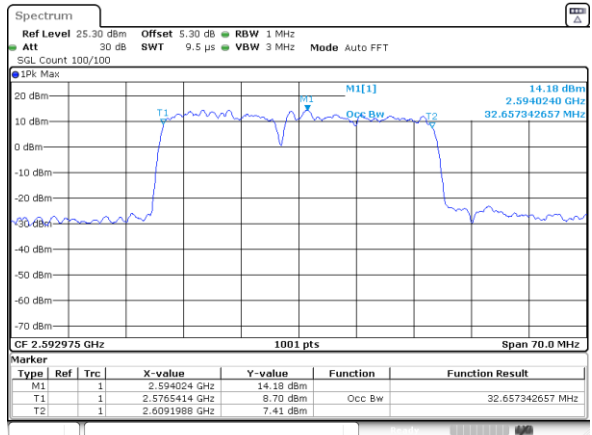
Date: 26, JAN, 2024 00:34:33

Middle Channel / 15MHz+20MHz / QPSK



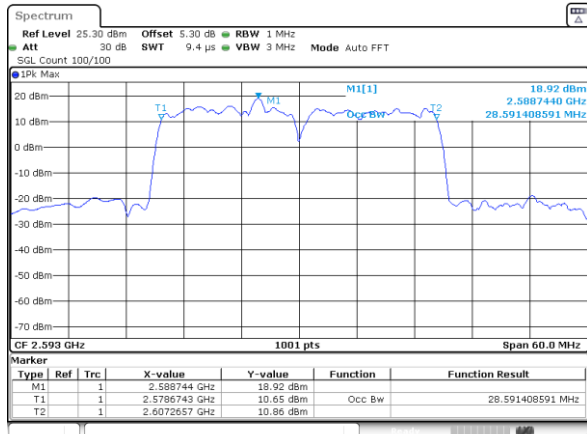
Date: 26, JAN, 2024 00:38:59

Middle Channel / 15MHz+20MHz / 16QAM



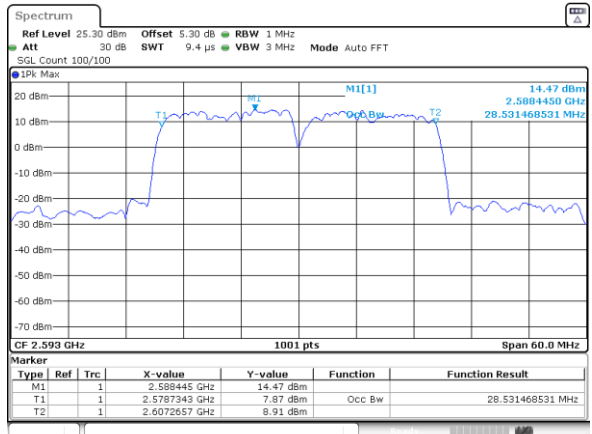
Date: 26, JAN, 2024 00:40:20

Middle Channel / 15MHz+15MHz / QPSK



Date: 26, JAN, 2024 00:42:29

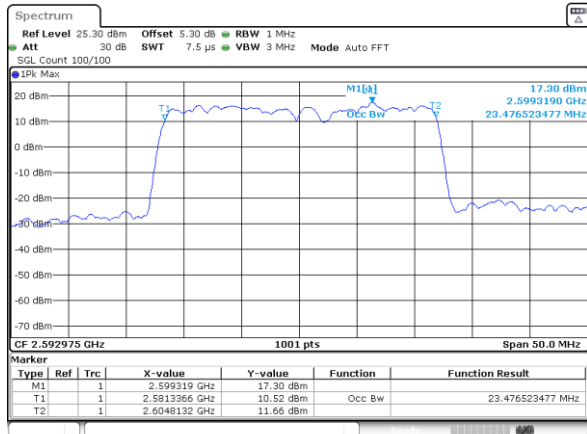
Middle Channel / 15MHz+15MHz / 16QAM



Date: 26, JAN, 2024 00:43:37

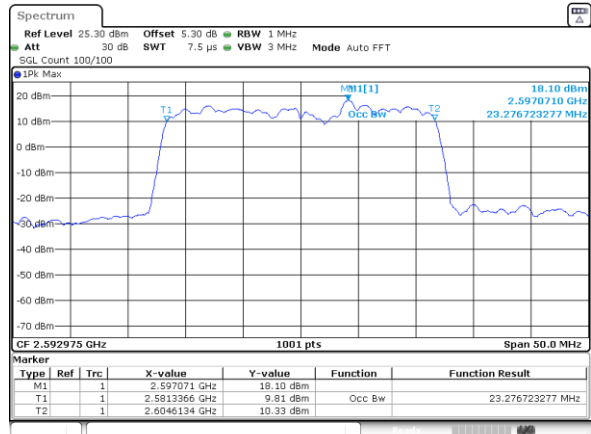


Middle Channel / 15MHz+10MHz / QPSK



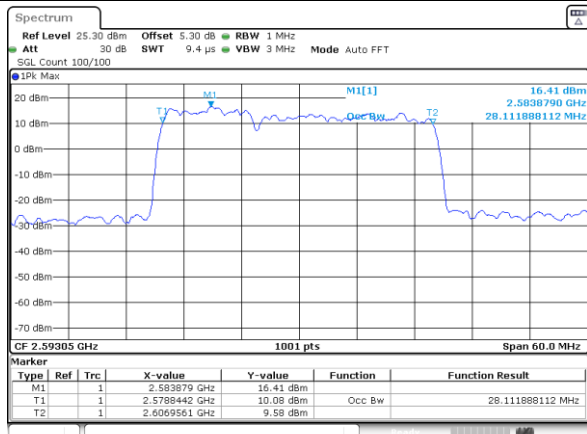
Date: 26, JAN, 2024 00:46:47

Middle Channel / 15MHz+10MHz / 16QAM



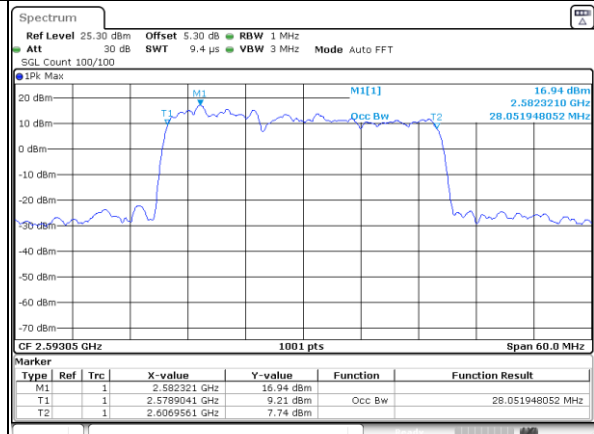
Date: 26, JAN, 2024 00:48:38

Middle Channel / 10MHz+20MHz / QPSK



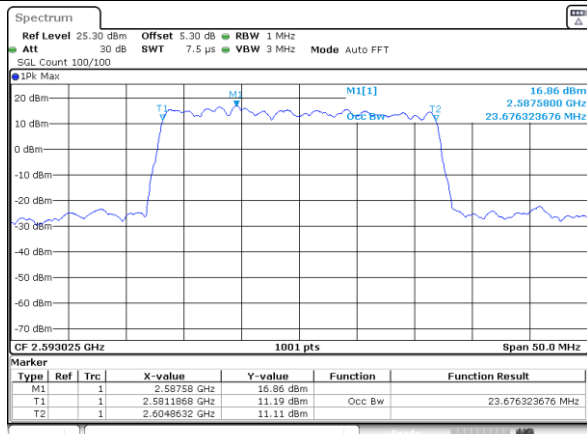
Date: 26, JAN, 2024 00:58:32

Middle Channel / 10MHz+20MHz / 16QAM



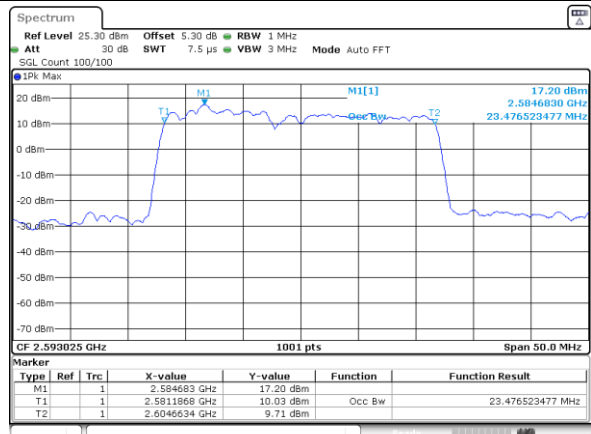
Date: 26, JAN, 2024 01:01:00

Middle Channel / 10MHz+15MHz / QPSK



Date: 26, JAN, 2024 01:04:33

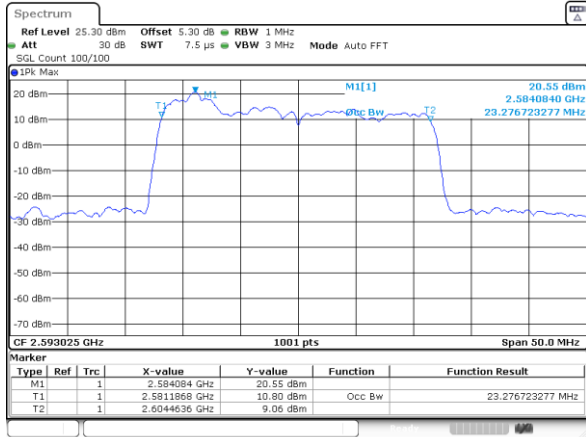
Middle Channel / 10MHz+15MHz / 16QAM



Date: 26, JAN, 2024 01:05:50

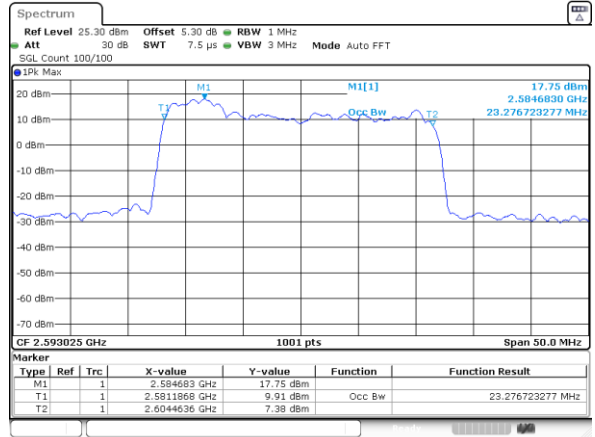


Middle Channel / 5MHz+20MHz / QPSK



Date: 26.JAN.2024 01:14:11

Middle Channel / 5MHz+20MHz / 16QAM



Date: 26.JAN.2024 01:15:11

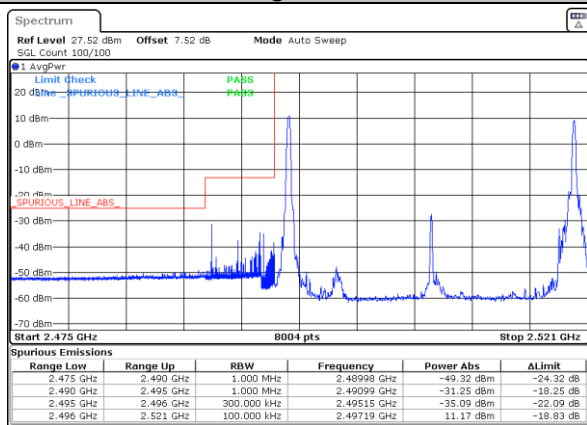


Conducted Band Edge

LTE Band 41C / 5MHz+20MHz

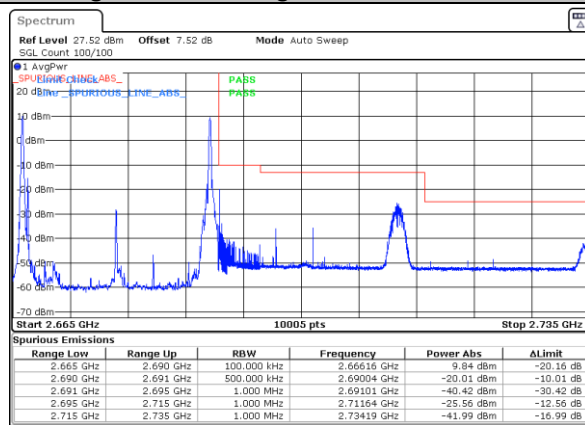
QPSK

Lowest Band Edge / 1RB0 and 1RB99



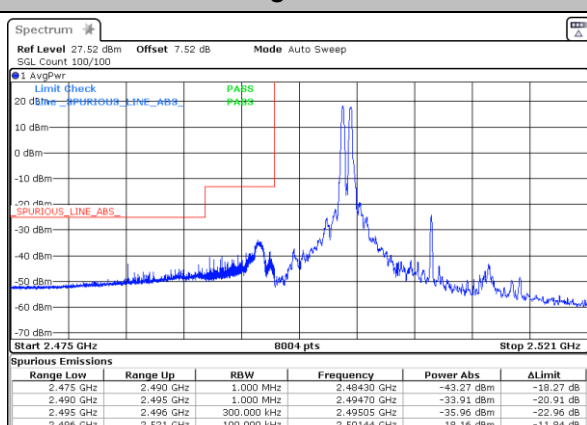
Date: 24, JAN, 2024 20:52:16

Highest Band Edge / 1RB0 and 1RB99



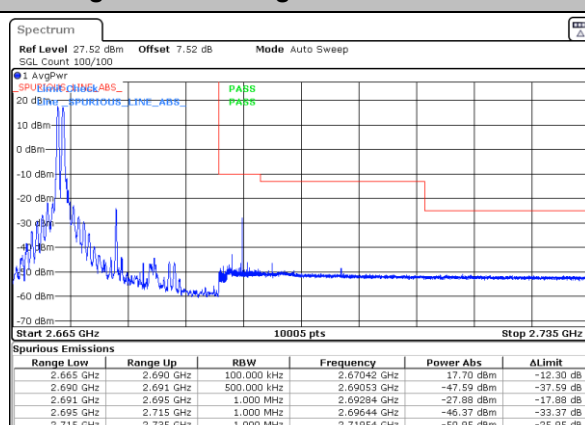
Date: 24, JAN, 2024 21:07:43

Lowest Band Edge / 1RB24 and 1RB0



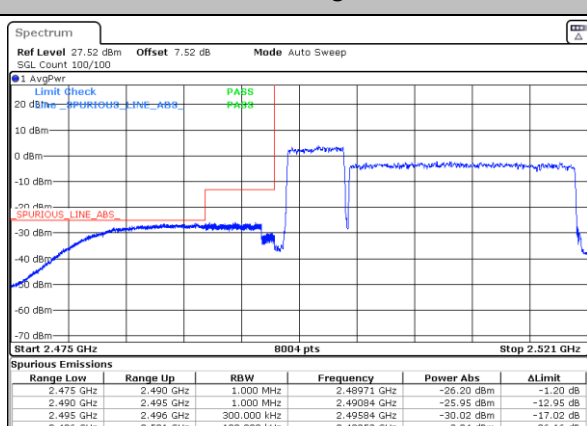
Date: 24, JAN, 2024 20:48:39

Highest Band Edge / 1RB24 and 1RB0



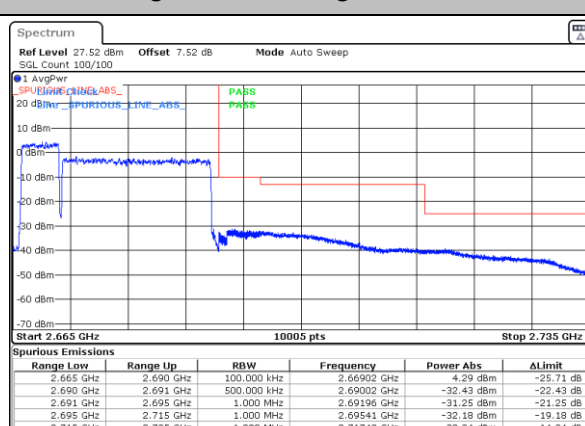
Date: 24, JAN, 2024 21:04:04

Lowest Band Edge / Full RB



Date: 24, JAN, 2024 20:55:52

Highest Band Edge / Full RB



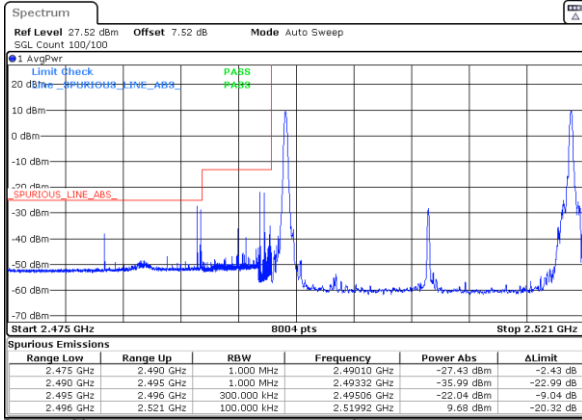
Date: 24, JAN, 2024 21:11:18



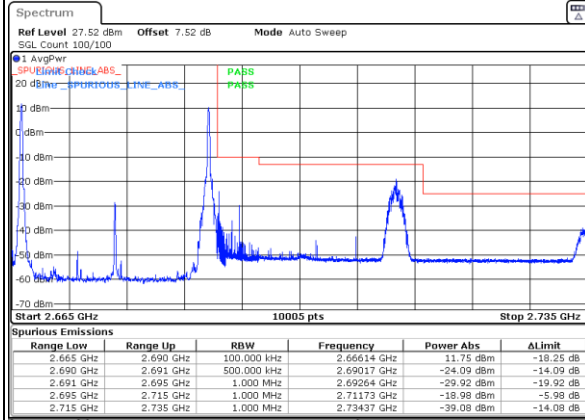
LTE Band 41C / 5MHz+20MHz

16QAM

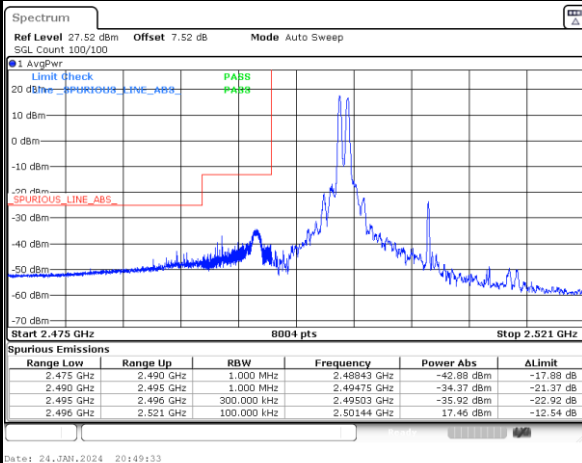
Lowest Band Edge / 1RB0 and 1RB99



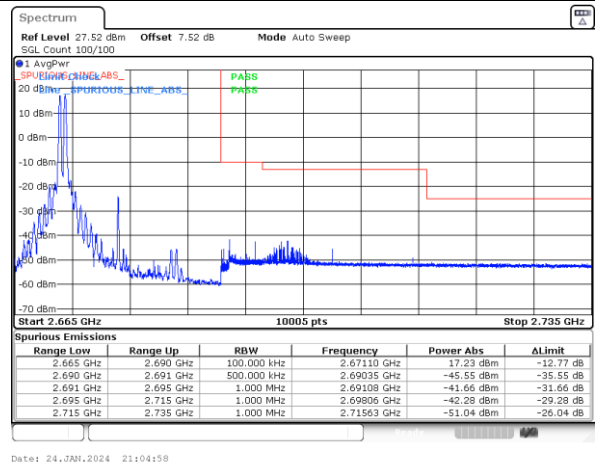
Highest Band Edge / 1RB0 and 1RB99



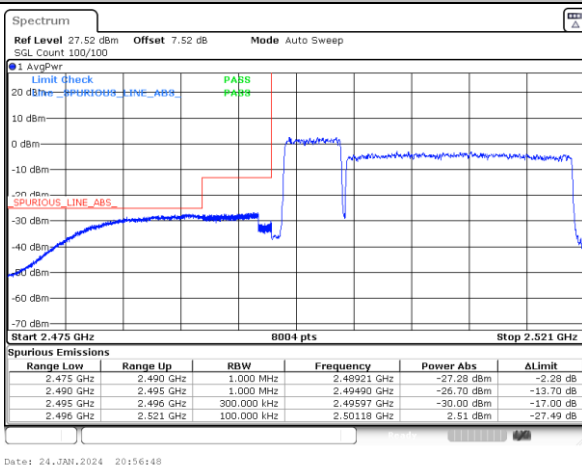
Lowest Band Edge / 1RB24 and 1RB0



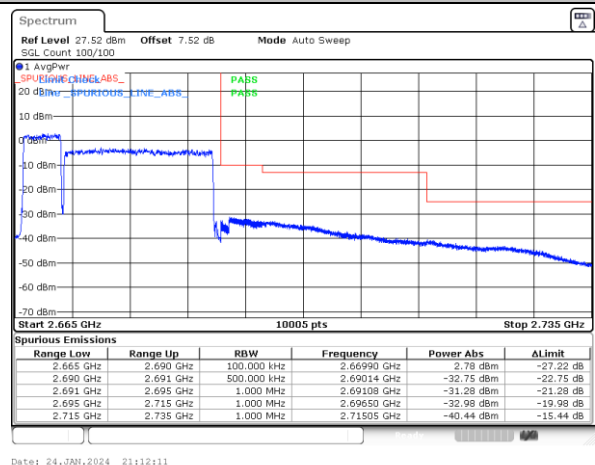
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

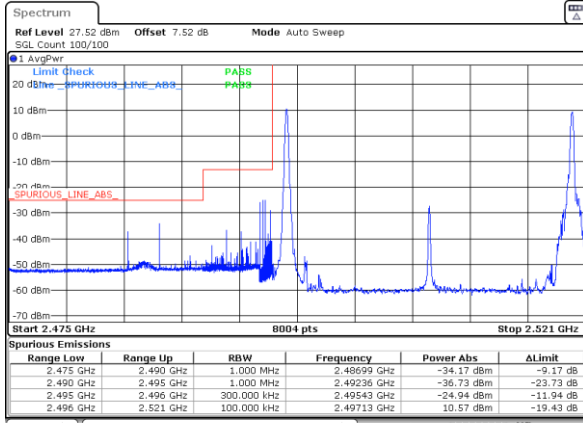




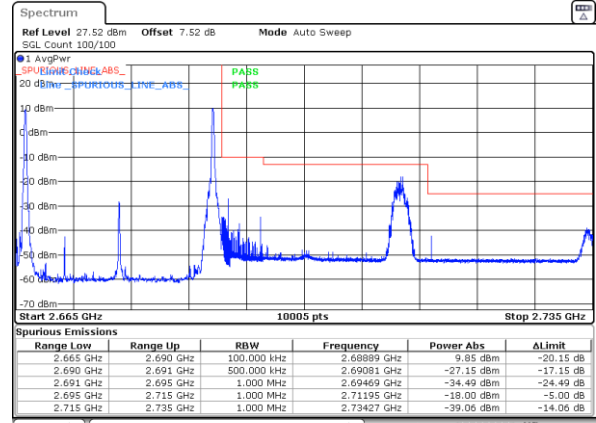
LTE Band 41C / 5MHz+20MHz

64QAM

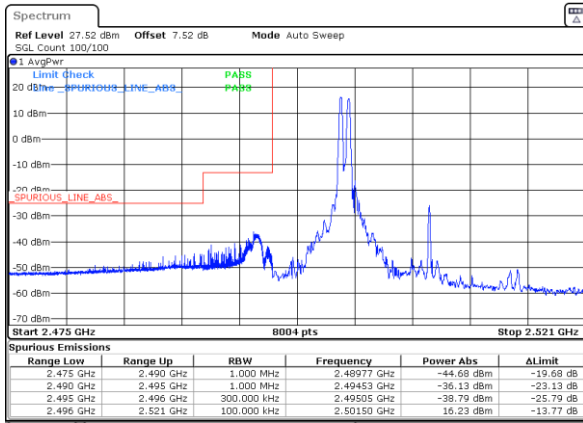
Lowest Band Edge / 1RB0 and 1RB99



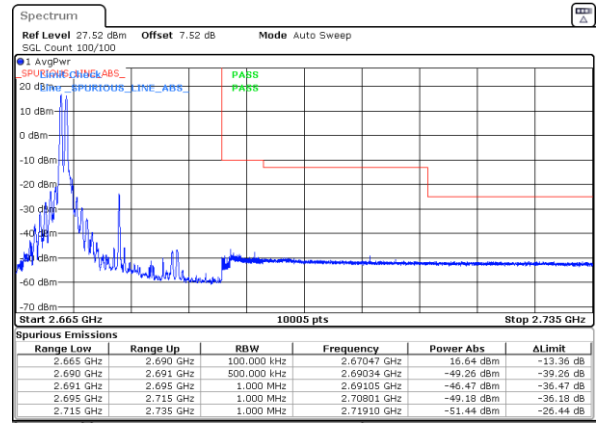
Highest Band Edge / 1RB0 and 1RB99



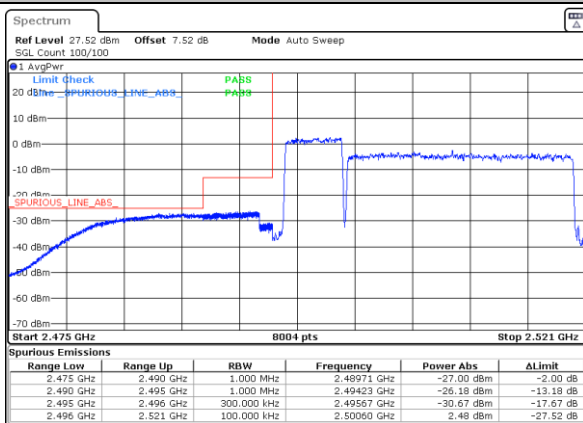
Lowest Band Edge / 1RB24 and 1RB0



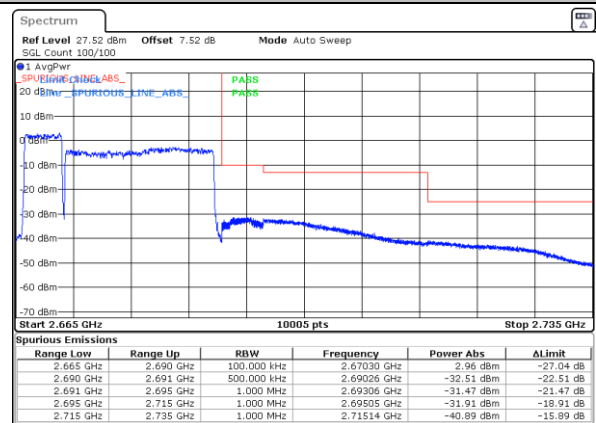
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

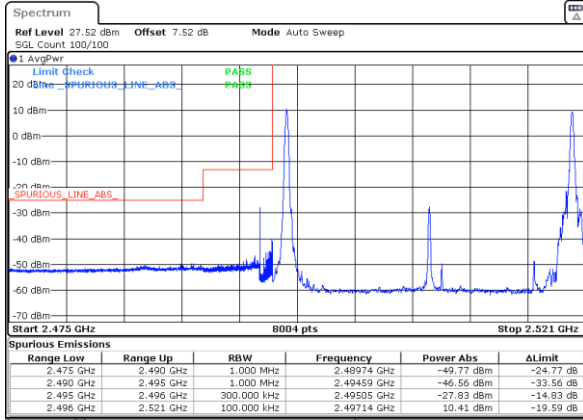




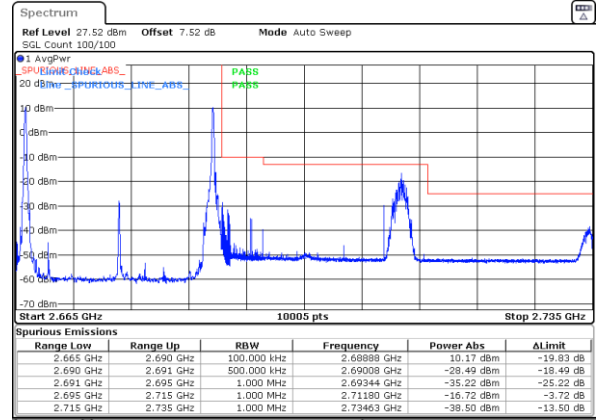
LTE Band 41C / 5MHz+20MHz

256QAM

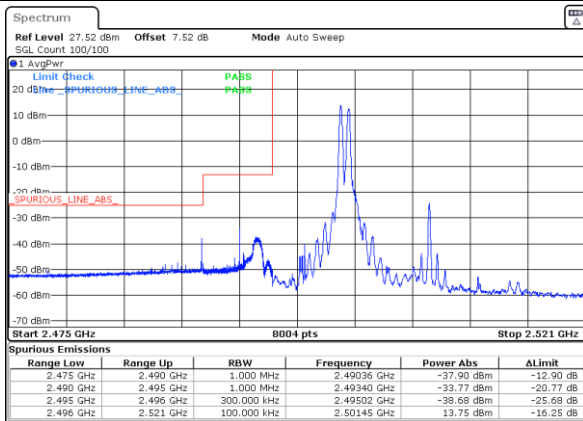
Lowest Band Edge / 1RB0 and 1RB99



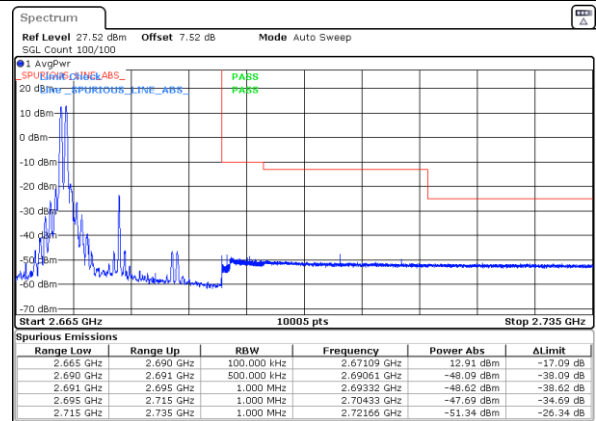
Highest Band Edge / 1RB0 and 1RB99



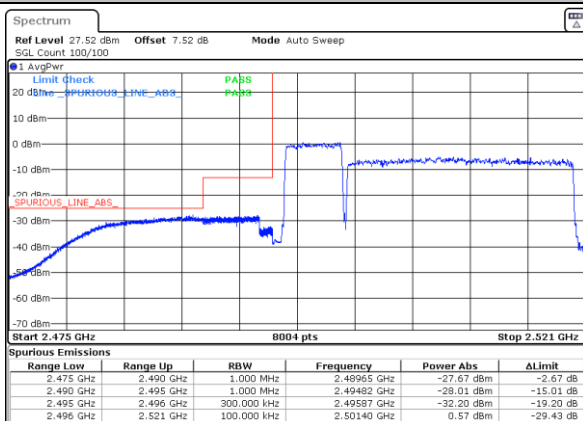
Lowest Band Edge / 1RB24 and 1RB0



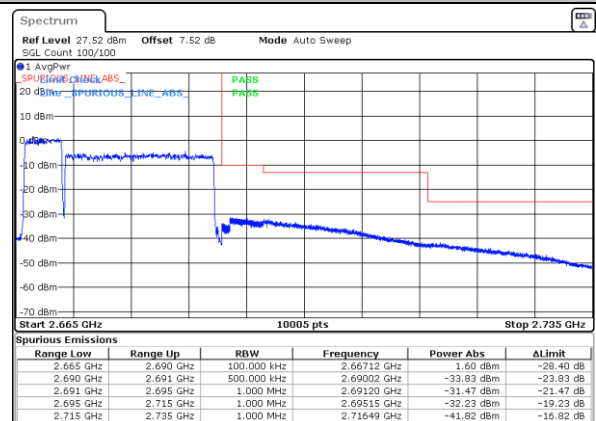
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

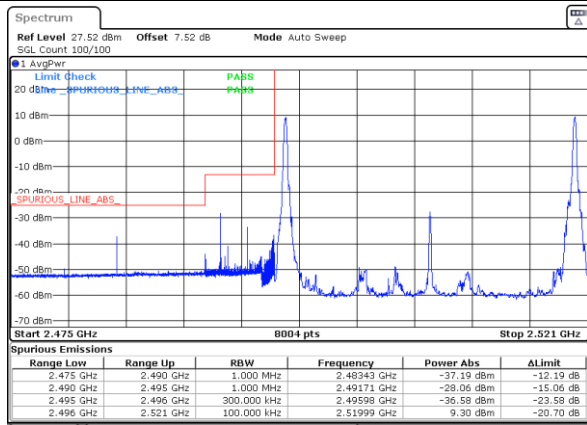




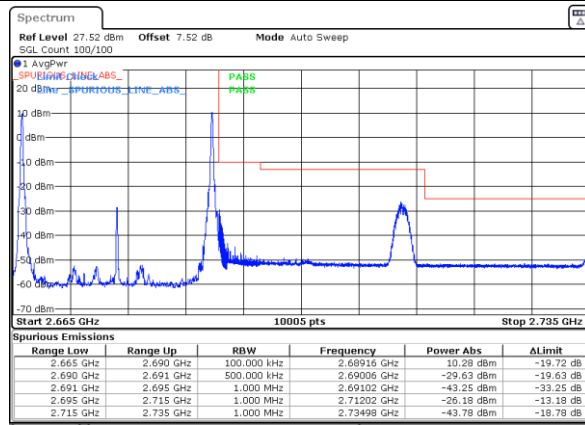
LTE Band 41C / 10MHz+15MHz

QPSK

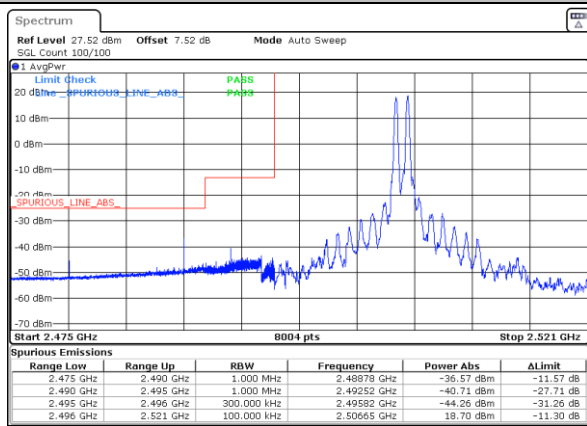
Lowest Band Edge / 1RB0 and 1RB74



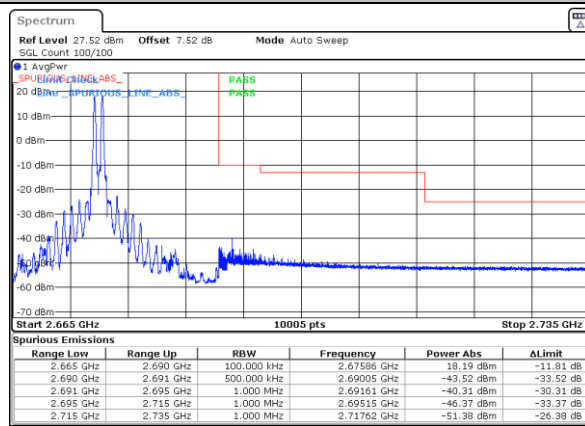
Highest Band Edge / 1RB0 and 1RB74



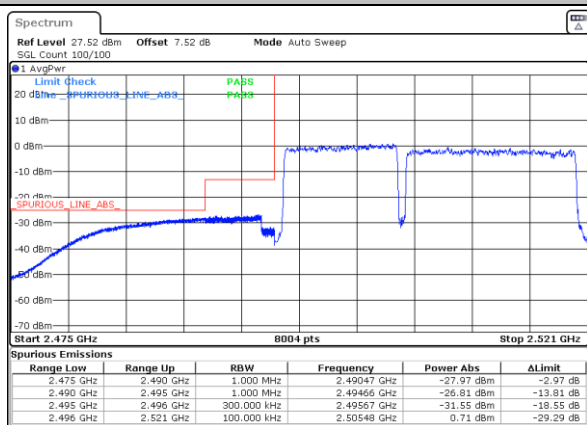
Lowest Band Edge / 1RB49 and 1RB0



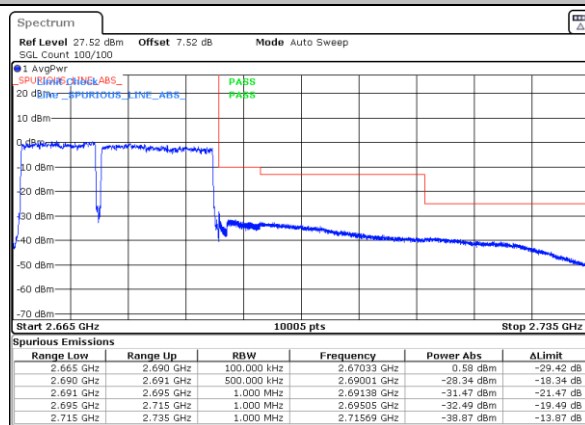
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

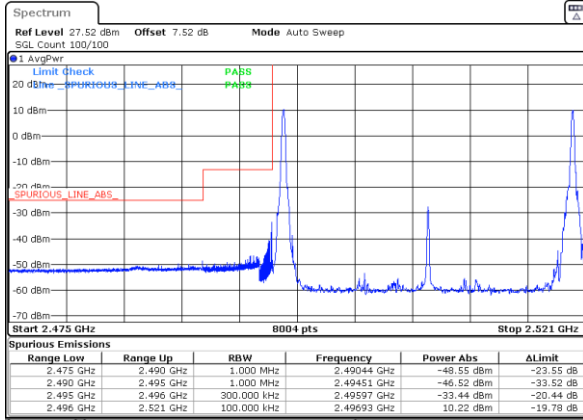




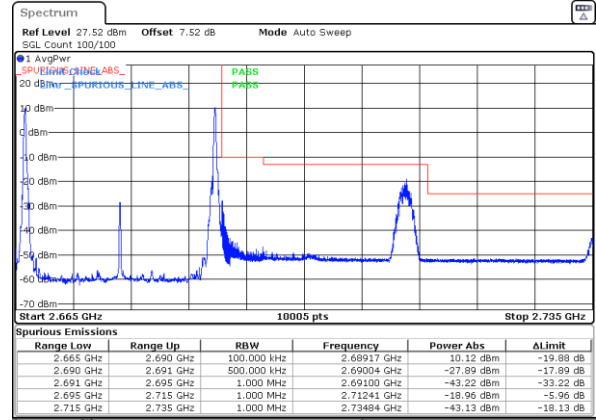
LTE Band 41C / 10MHz+15MHz

16QAM

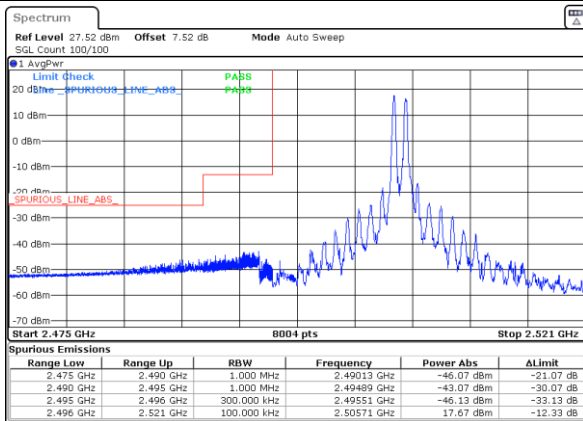
Lowest Band Edge / 1RB0 and 1RB74



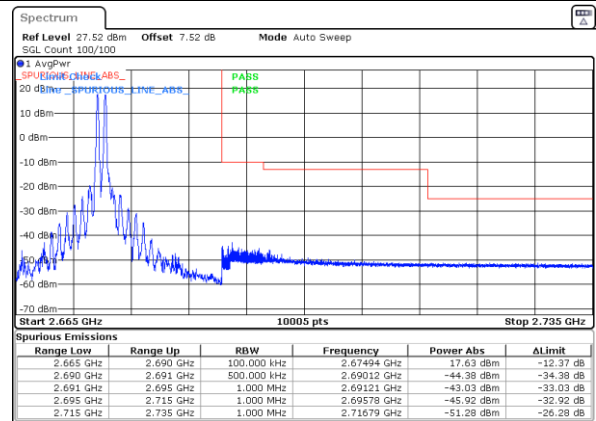
Highest Band Edge / 1RB0 and 1RB74



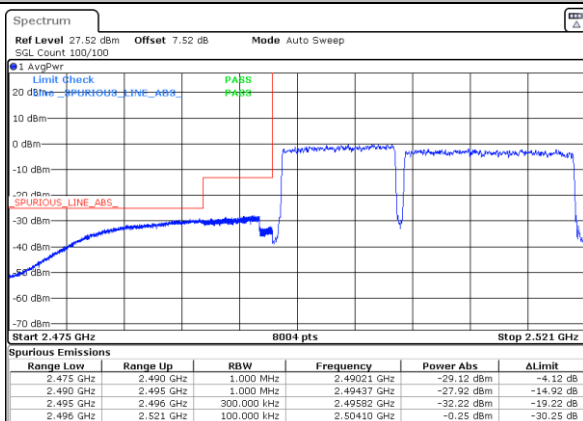
Lowest Band Edge / 1RB49 and 1RB0



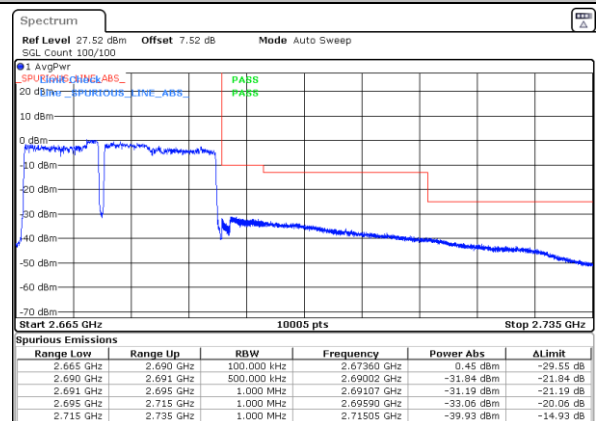
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

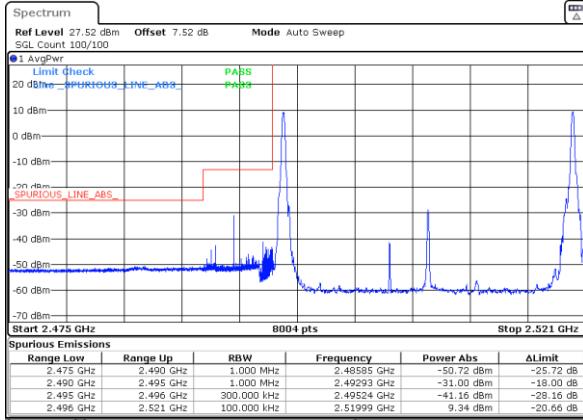




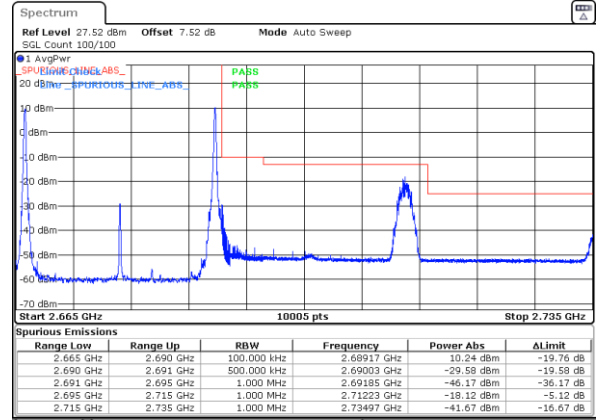
LTE Band 41C / 10MHz+15MHz

64QAM

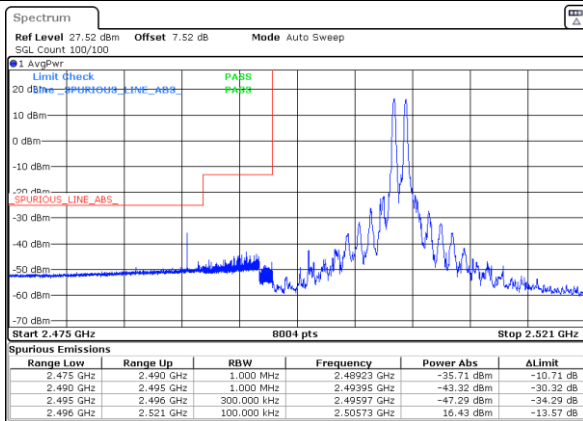
Lowest Band Edge / 1RB0 and 1RB74



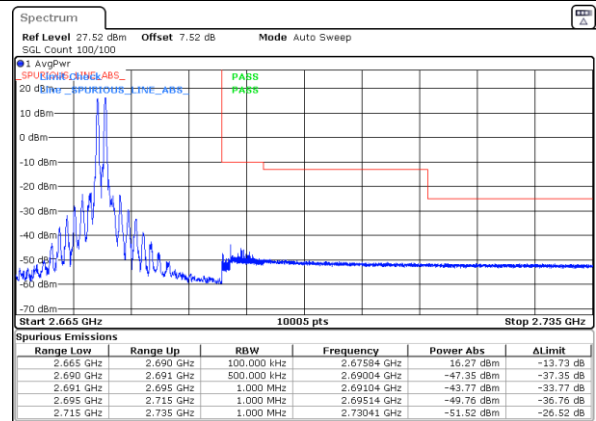
Highest Band Edge / 1RB0 and 1RB74



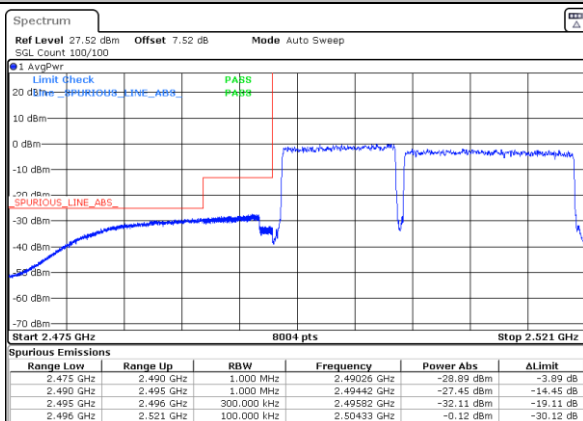
Lowest Band Edge / 1RB49 and 1RB0



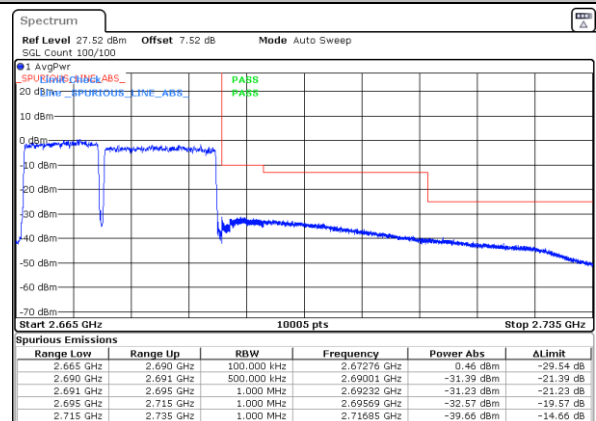
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

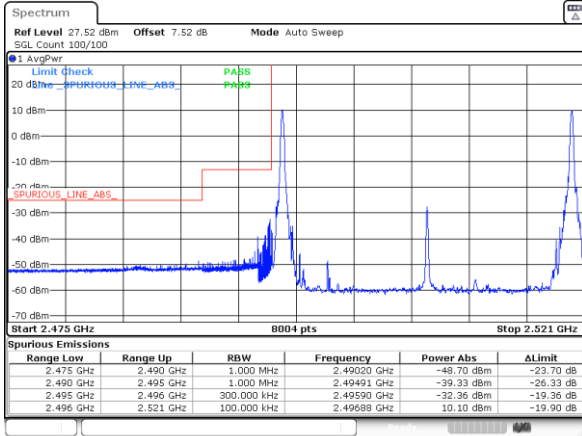




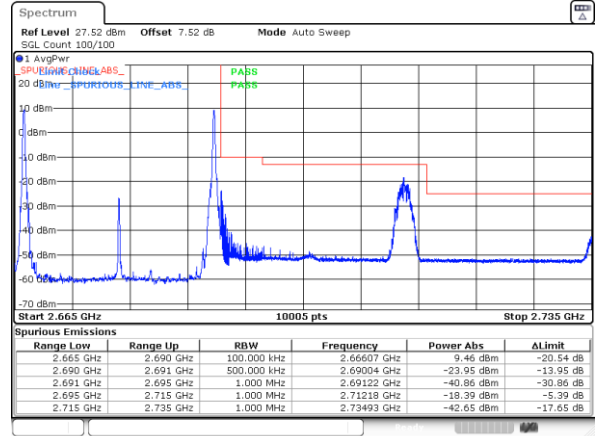
LTE Band 41C / 10MHz+15MHz

256AM

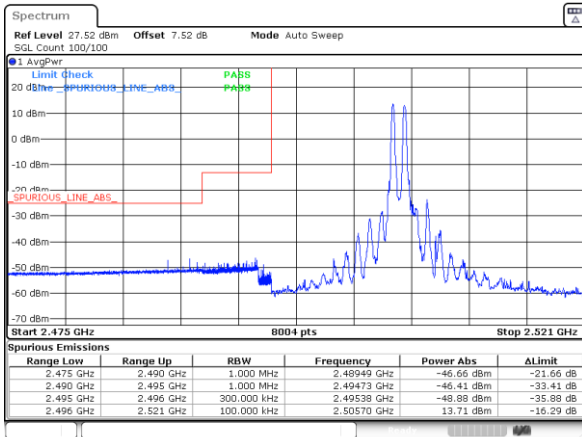
Lowest Band Edge / 1RB0 and 1RB74



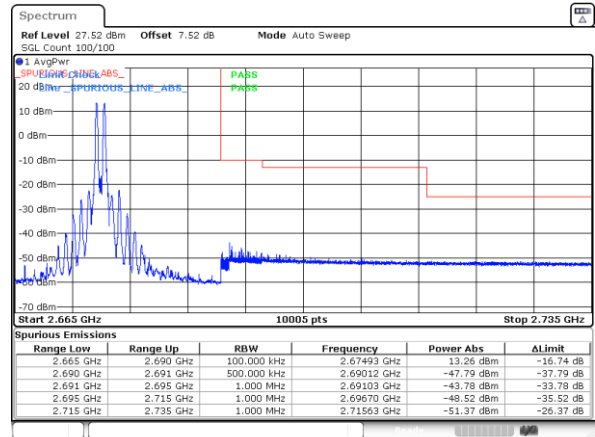
Highest Band Edge / 1RB0 and 1RB74



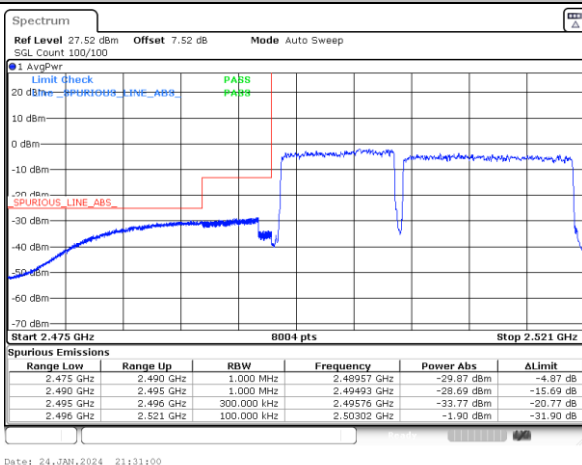
Lowest Band Edge / 1RB49 and 1RB0



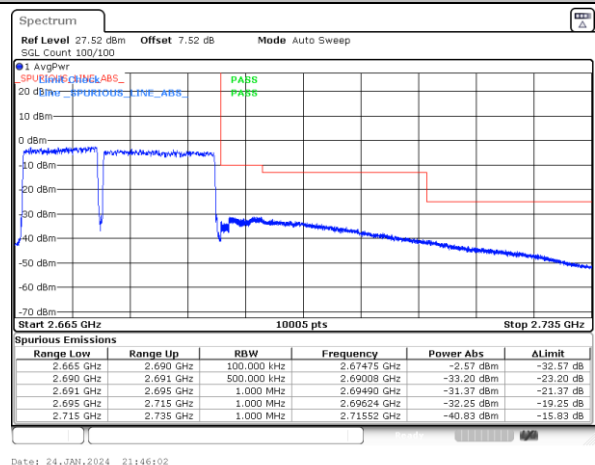
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

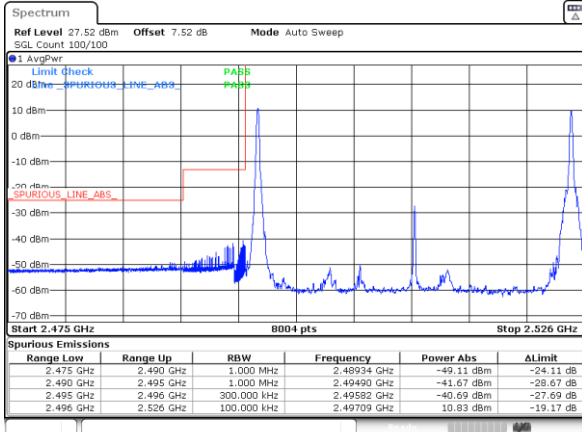




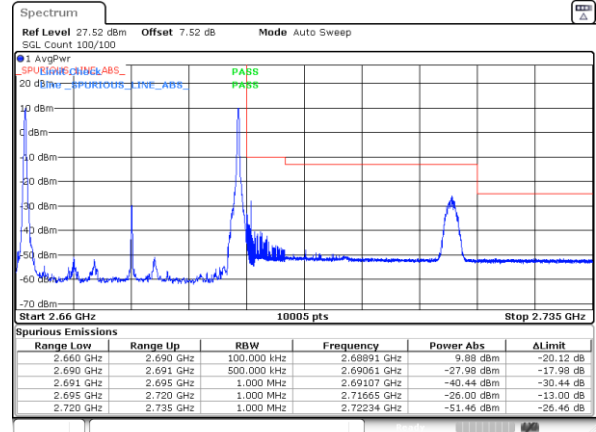
LTE Band 41C / 10MHz+20MHz

QPSK

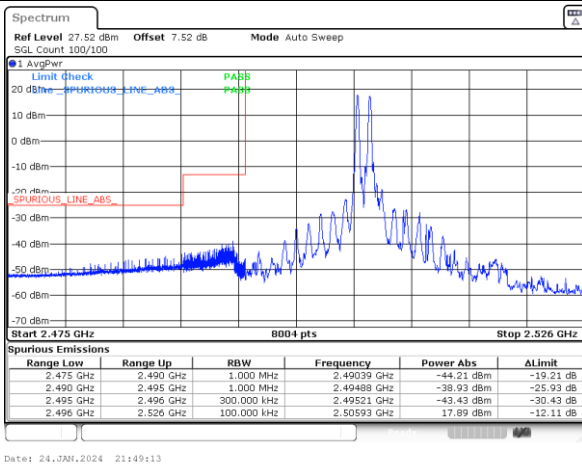
Lowest Band Edge / 1RB0 and 1RB99



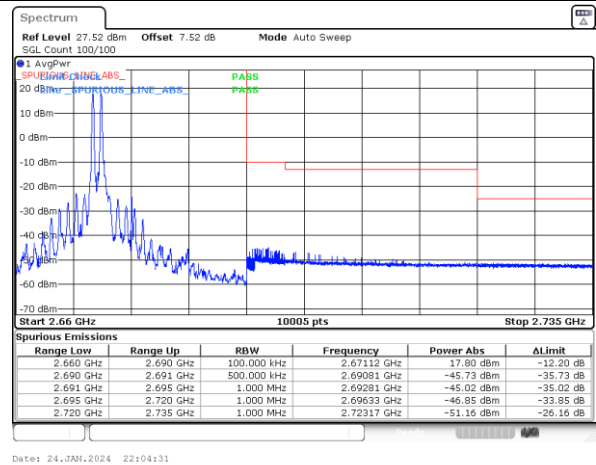
Highest Band Edge / 1RB0 and 1RB99



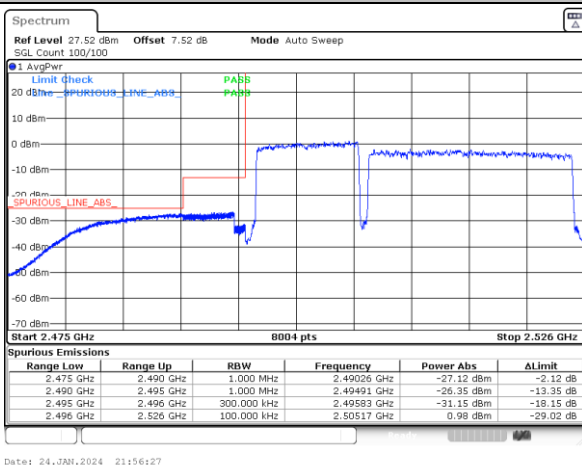
Lowest Band Edge / 1RB49 and 1RB0



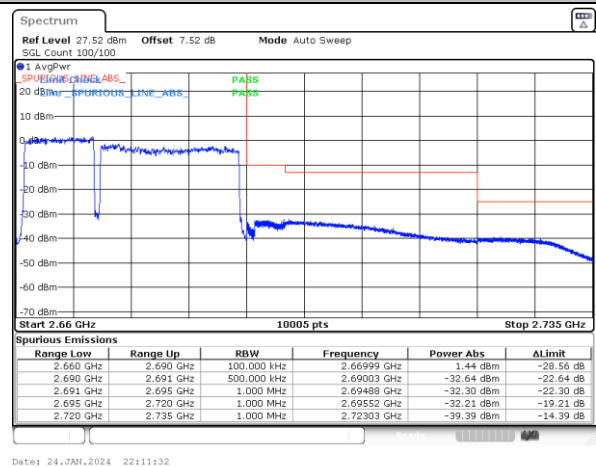
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

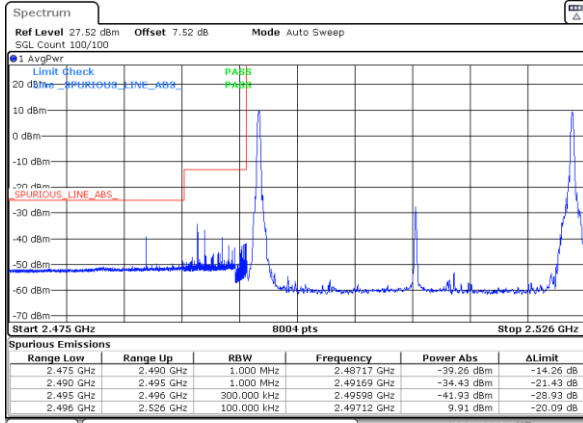




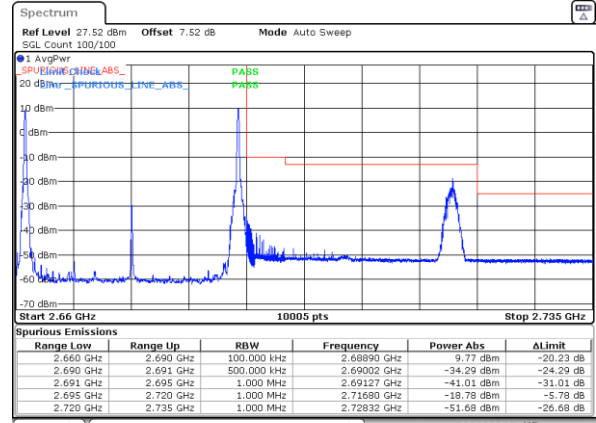
LTE Band 41C / 10MHz+20MHz

16QAM

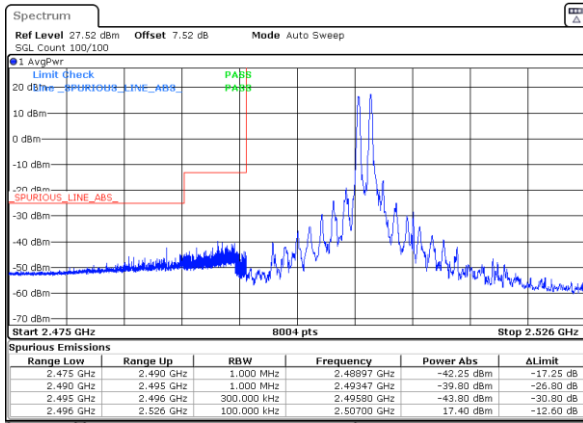
Lowest Band Edge / 1RB0 and 1RB99



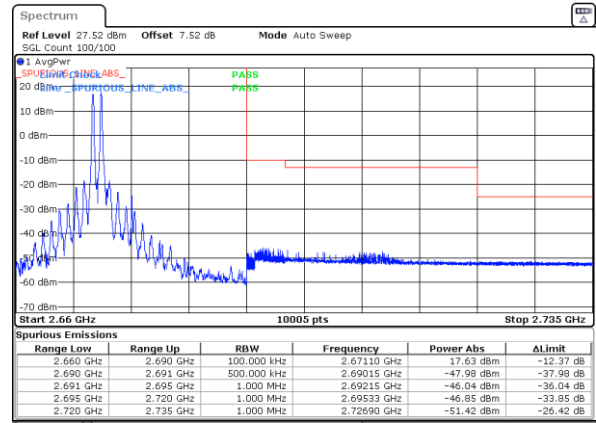
Highest Band Edge / 1RB0 and 1RB99



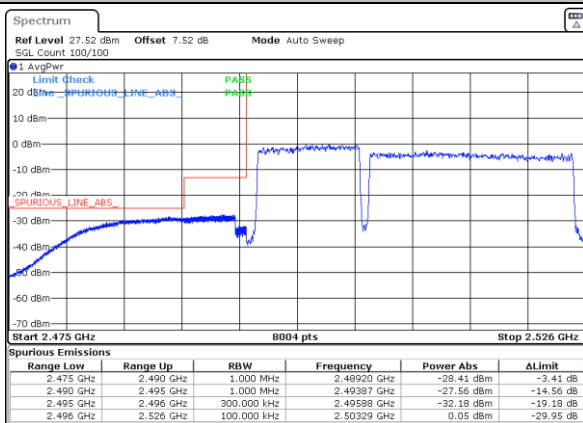
Lowest Band Edge / 1RB49 and 1RB0



Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

