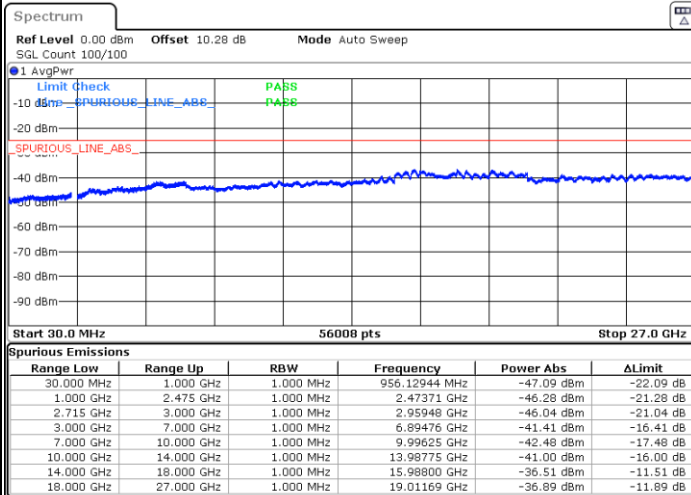




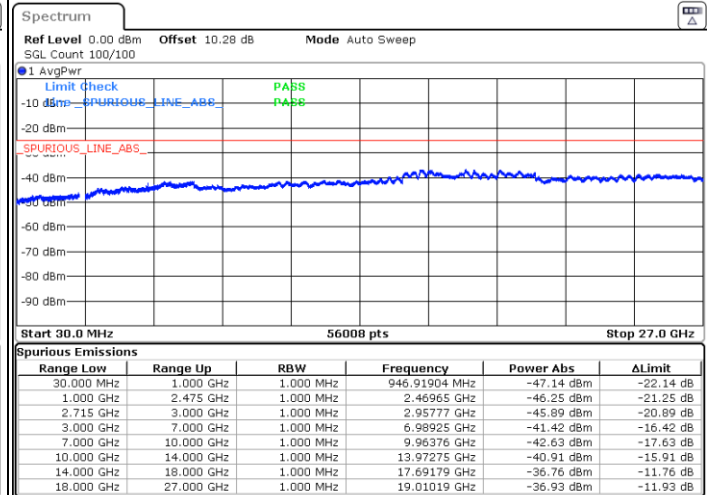
LTE Band 41 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

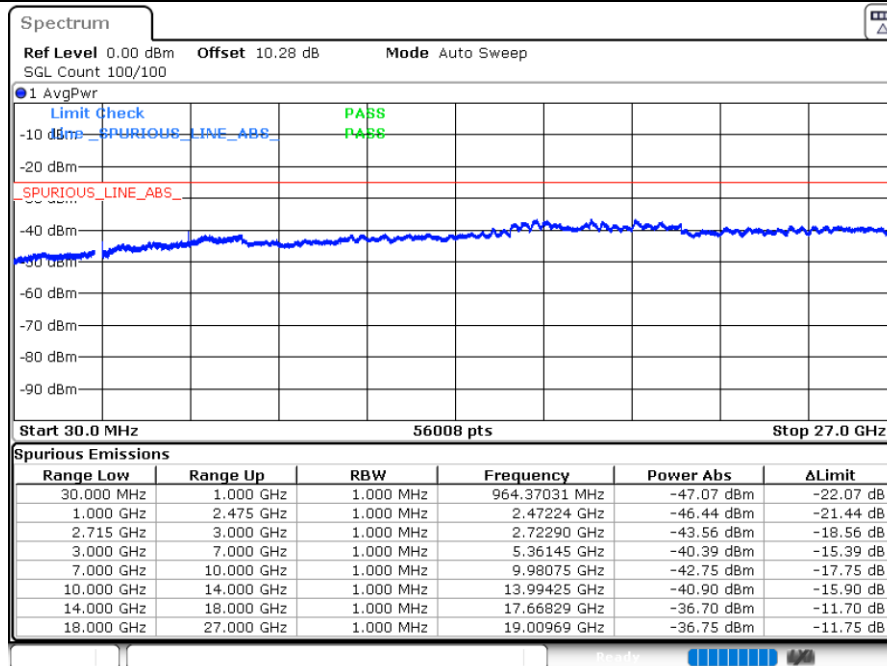


Date: 4.JUN.2024 23:00:13



Date: 4.JUN.2024 23:14:01

Highest Channel / QPSK



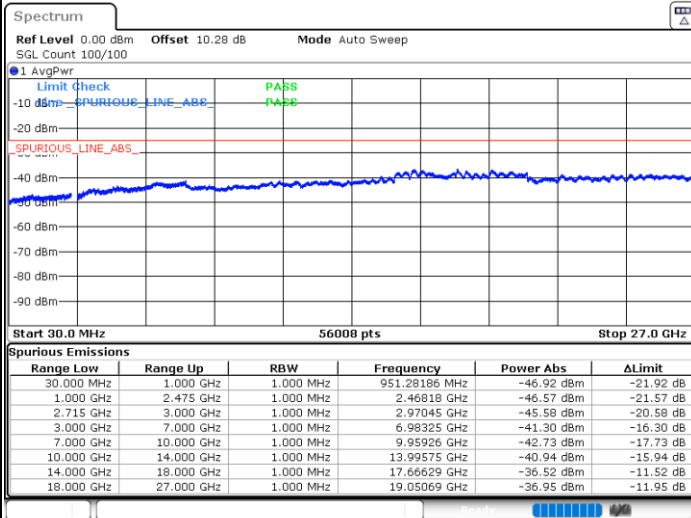
Date: 4.JUN.2024 23:15:41



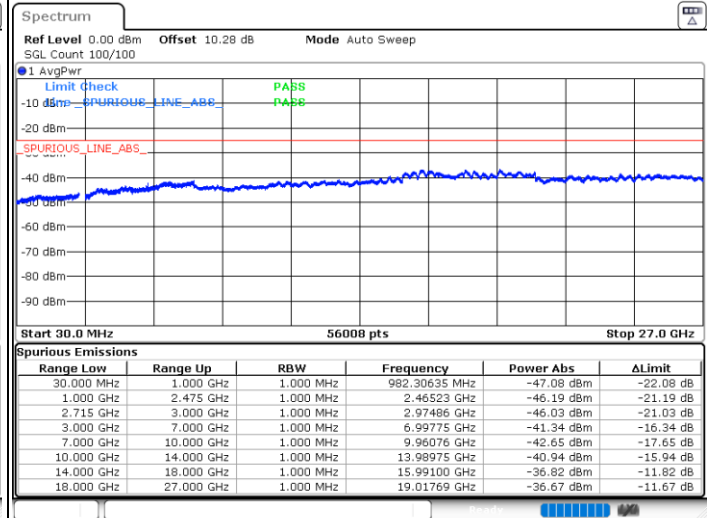
LTE Band 41 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

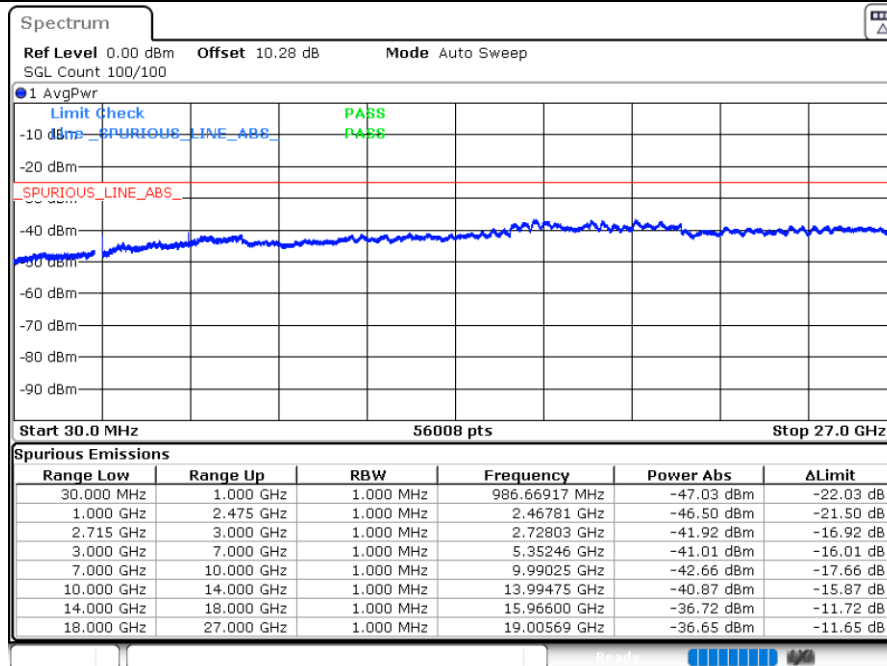


Date: 4.JUN.2024 23:35:24



Date: 4.JUN.2024 23:46:59

Highest Channel / QPSK



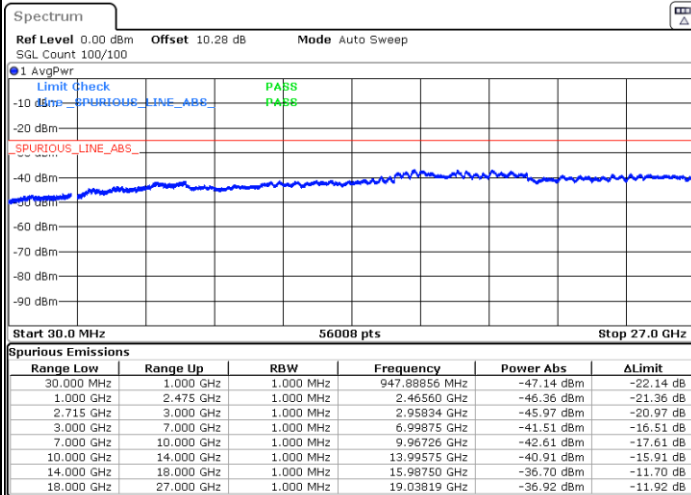
Date: 5.JUN.2024 01:15:57



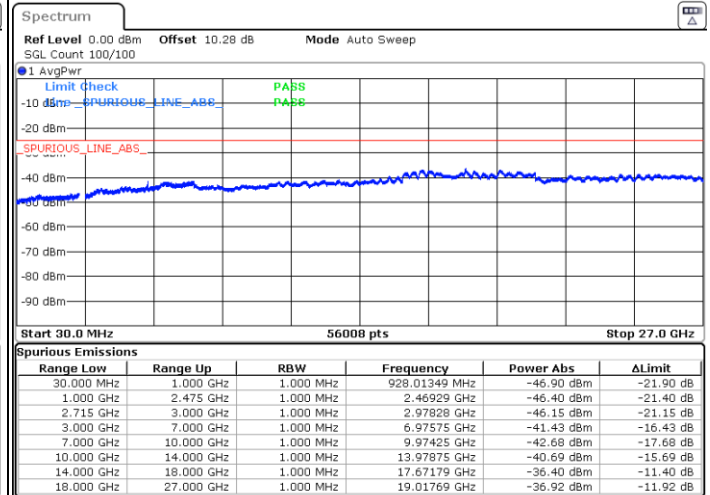
LTE Band 41 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

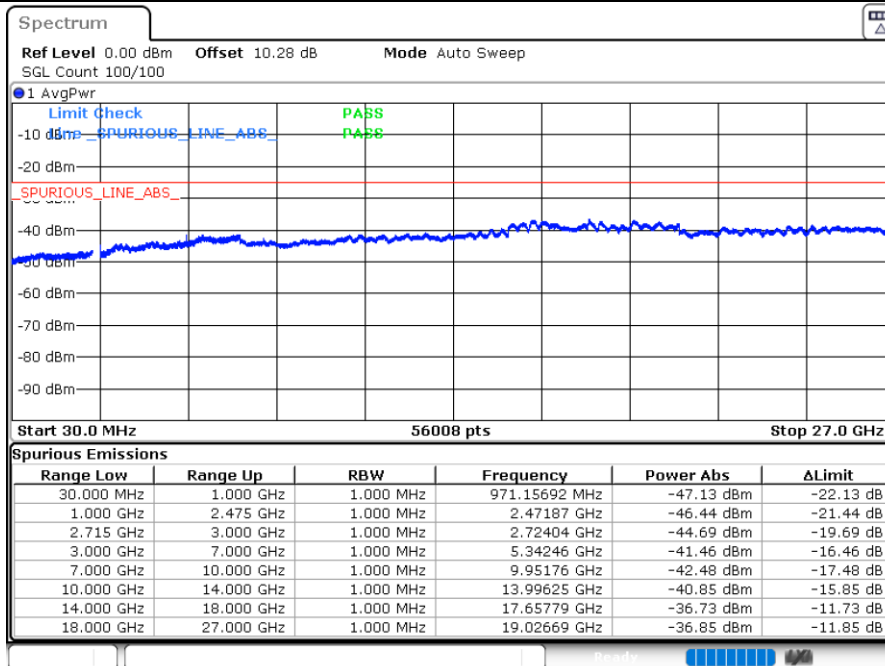


Date: 5 JUN.2024 00:40:43



Date: 5 JUN.2024 00:52:20

Highest Channel / QPSK



Date: 5 JUN.2024 00:54:00

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	0.0014	PASS
40	Normal Voltage	0.0036	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0037	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0025	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0034	
20	Normal Voltage	0.0017	
20	Battery End Point	0.0009	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.5V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41C

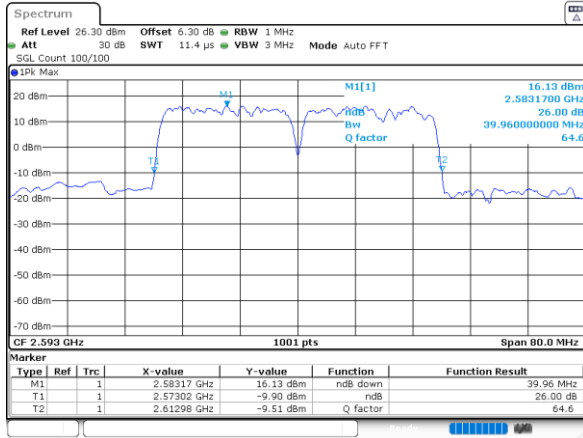
26dB Bandwidth

Mode	LTE Band 41-CA : 26dB BW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	39.96	39.8
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	35.11	34.90
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	29.97	29.91
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	24.93	24.88
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	34.90	34.90
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.69	30.63
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.23	25.33
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	30.09	29.97
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	25.33	25.33
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	24.78	24.83



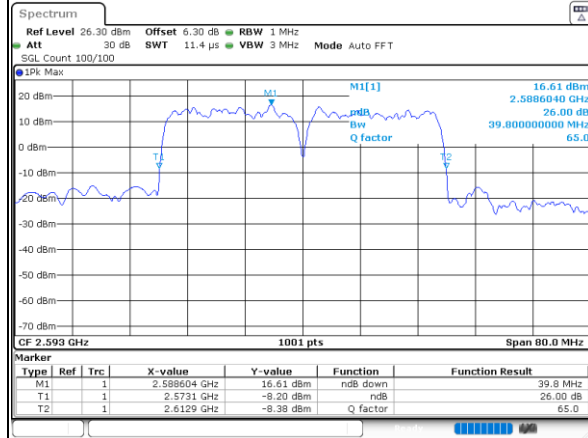
LTE Band 41C

Middle Channel / 20MHz+20MHz / QPSK



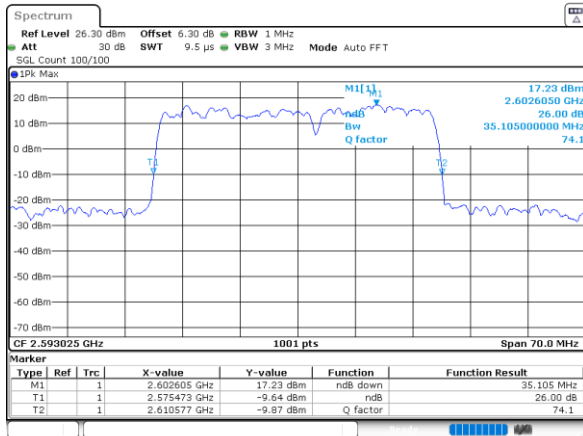
Date: 4 JUN 2024 20:07:59

Middle Channel / 20MHz+20MHz / 16QAM



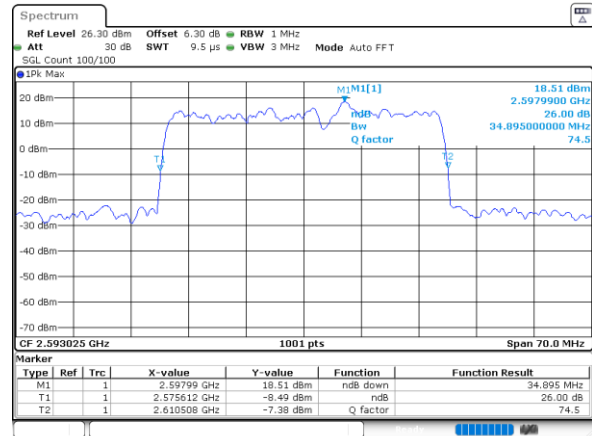
Date: 4 JUN 2024 20:07:32

Middle Channel / 20MHz+15MHz / QPSK



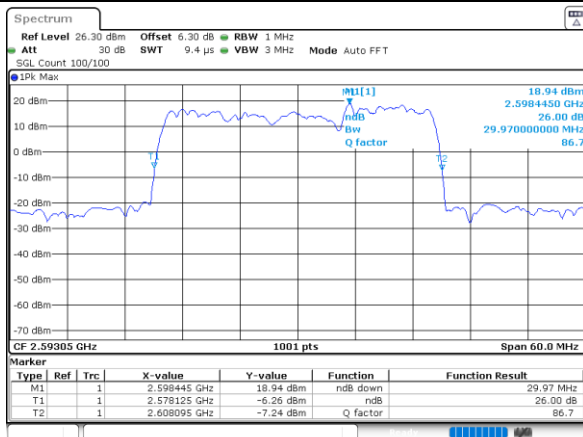
Date: 4 JUN 2024 20:04:48

Middle Channel / 20MHz+15MHz / 16QAM



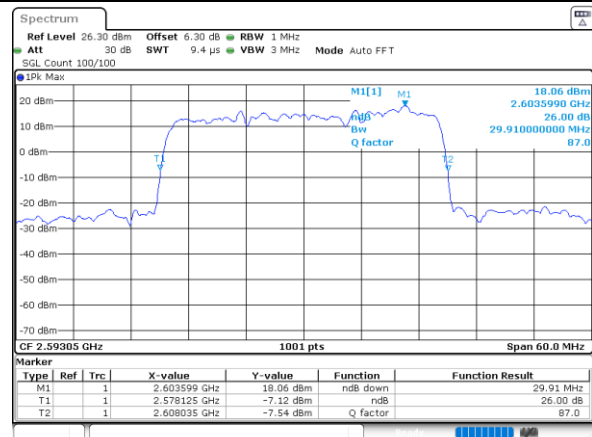
Date: 4 JUN 2024 20:05:16

Middle Channel / 20MHz+10MHz / QPSK



Date: 4 JUN 2024 19:56:03

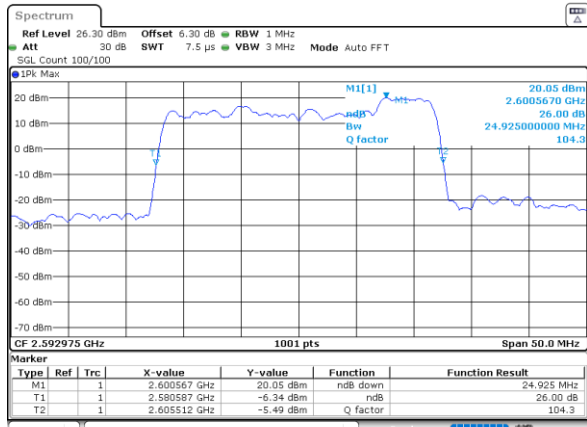
Middle Channel / 20MHz+10MHz / 16QAM



Date: 4 JUN 2024 19:55:36

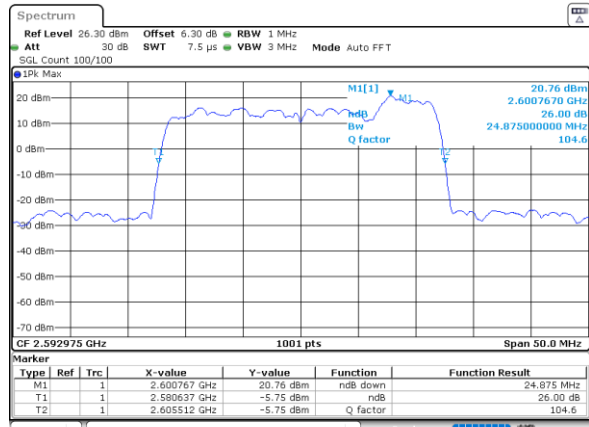


Middle Channel / 20MHz+5MHz / QPSK



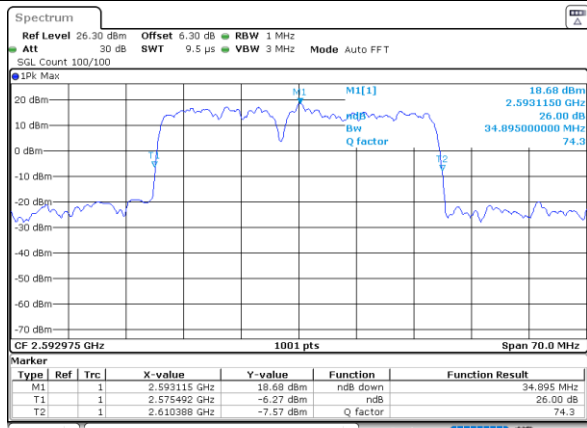
Date: 4.JUN.2024 19:44:35

Middle Channel / 20MHz+5MHz / 16QAM



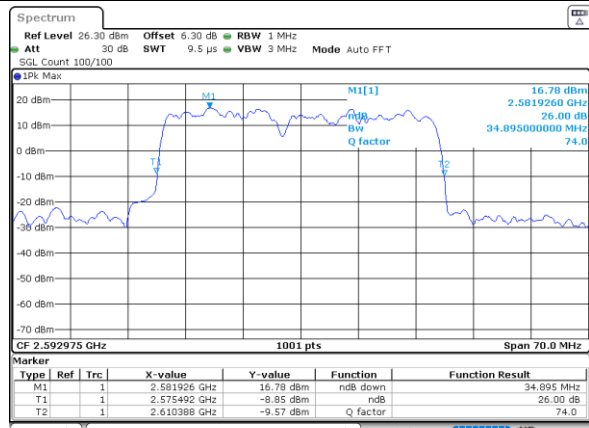
Date: 4.JUN.2024 19:44:07

Middle Channel / 15MHz+20MHz / QPSK



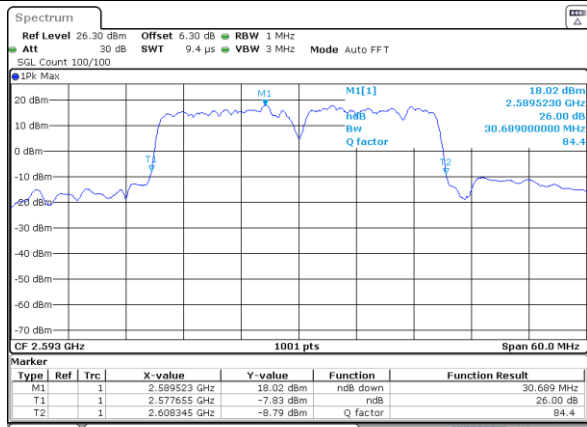
Date: 4.JUN.2024 20:02:09

Middle Channel / 15MHz+20MHz / 16QAM



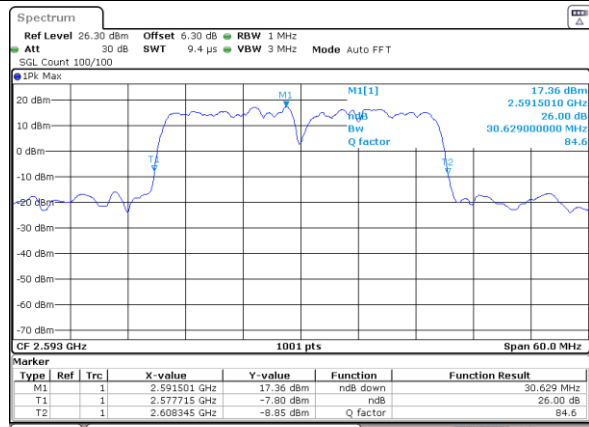
Date: 4.JUN.2024 20:03:41

Middle Channel / 15MHz+15MHz / QPSK



Date: 4.JUN.2024 19:58:03

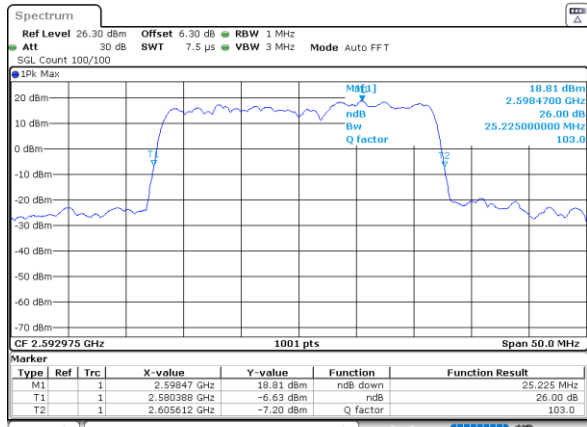
Middle Channel / 15MHz+15MHz / 16QAM



Date: 4.JUN.2024 19:58:31

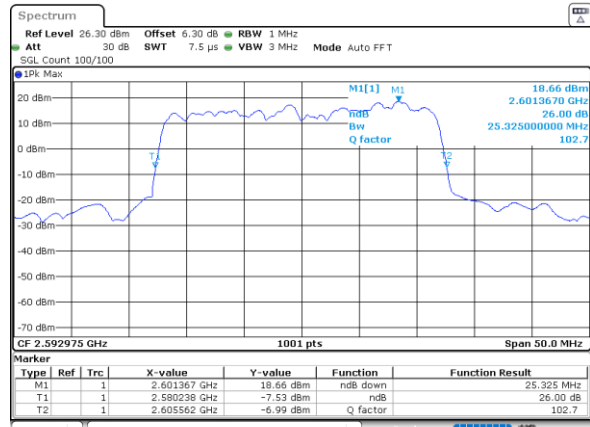


Middle Channel /15MHz+10MHz / QPSK



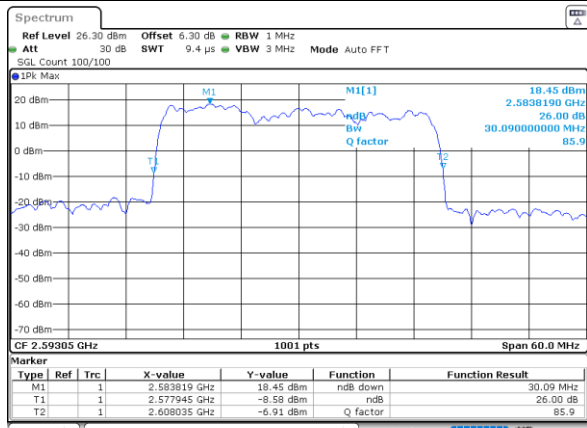
Date: 4.JUN.2024 19:49:56

Middle Channel / 15MHz+10MHz / 16QAM



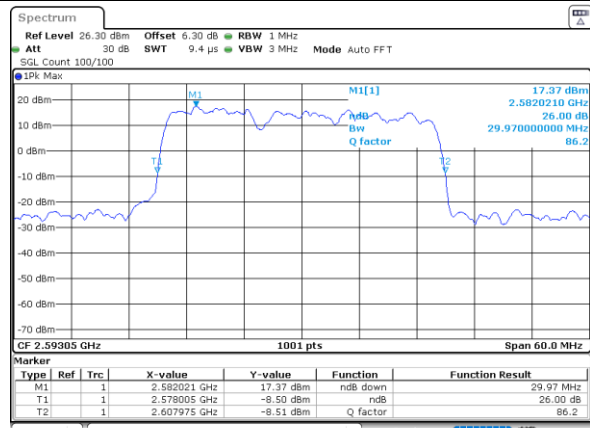
Date: 4.JUN.2024 19:49:28

Middle Channel / 10MHz+20MHz / QPSK



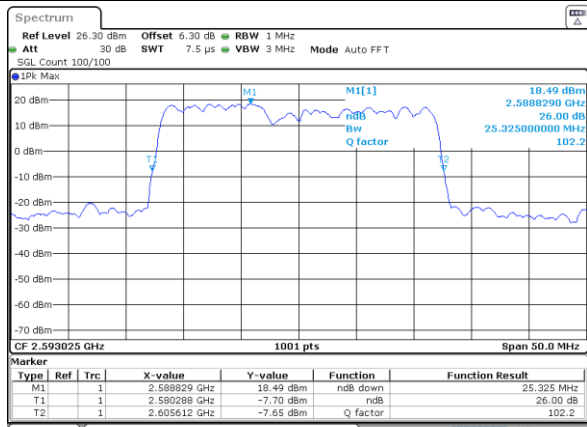
Date: 4.JUN.2024 19:52:21

Middle Channel / 10MHz+20MHz / 16QAM



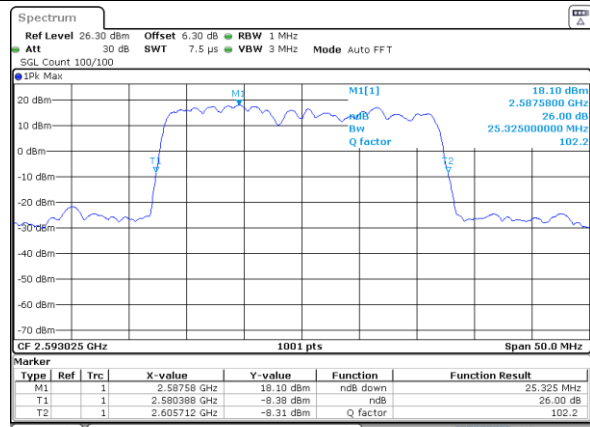
Date: 4.JUN.2024 19:52:49

Middle Channel / 10MHz+15MHz / QPSK



Date: 4.JUN.2024 19:46:30

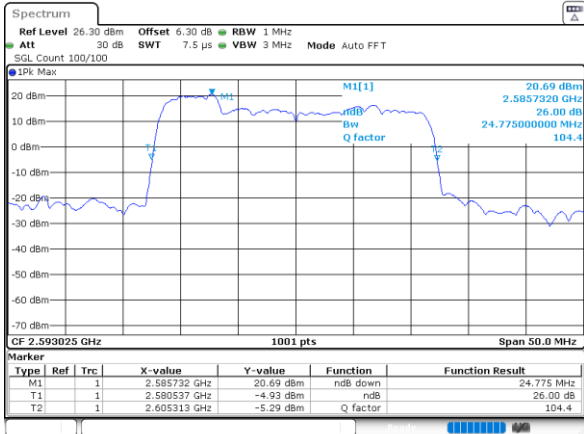
Middle Channel / 10MHz+15MHz / 16QAM



Date: 4.JUN.2024 19:46:58

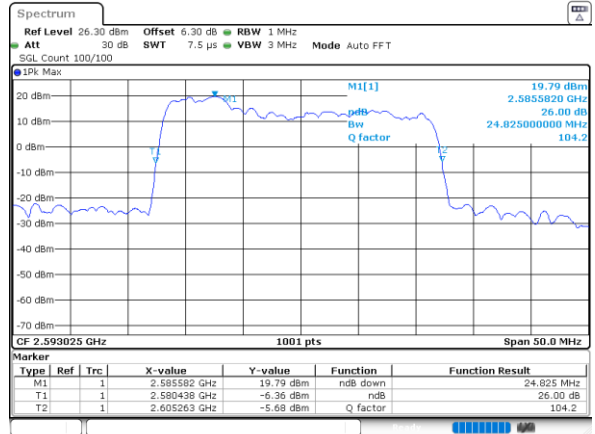


Middle Channel /5MHz+20MHz / QPSK



Date: 4.JUN.2024 19:41:01

Middle Channel / 5MHz+20MHz / 16QAM



Date: 4.JUN.2024 19:41:29

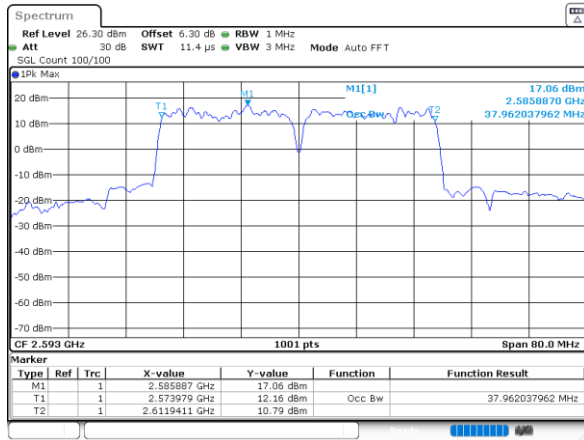
**Occupied Bandwidth**

Mode	LTE Band 41-CA : 99%OBW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.96	37.40
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	32.94	33.01
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.11	27.87
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	23.43	23.08
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	32.94	32.87
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.89	28.53
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.48	23.53
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	27.75	27.99
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	23.38	23.63
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	23.38	23.43

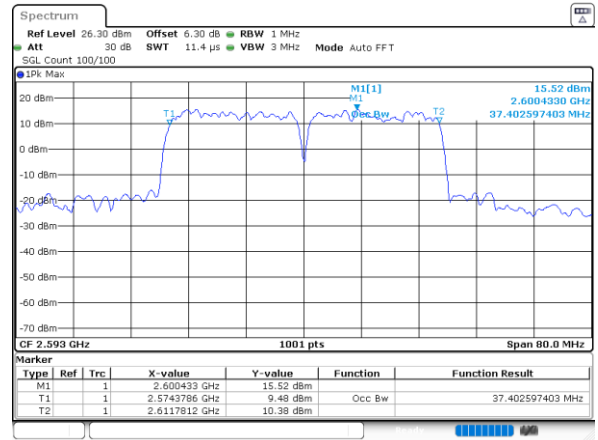


LTE Band 41C

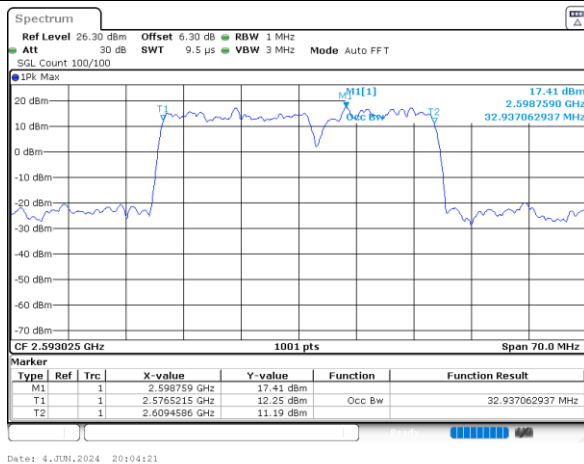
Middle Channel / 20MHz+20MHz / QPSK



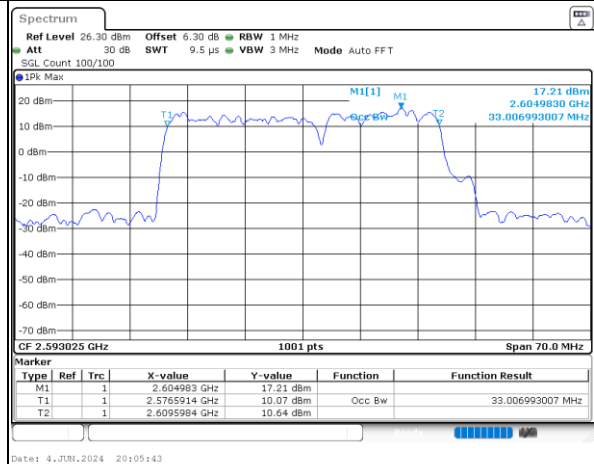
Middle Channel / 20MHz+20MHz / 16QAM



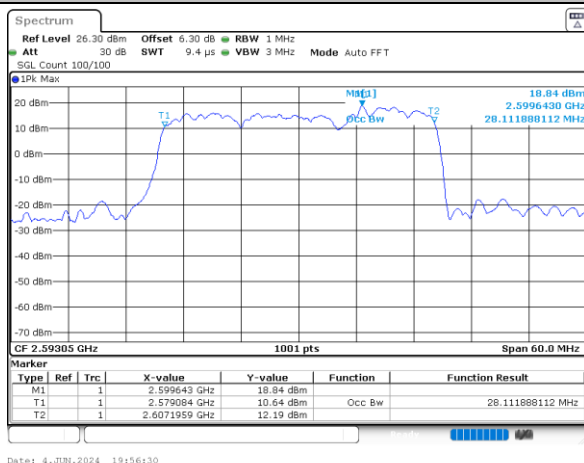
Middle Channel / 20MHz+15MHz / QPSK



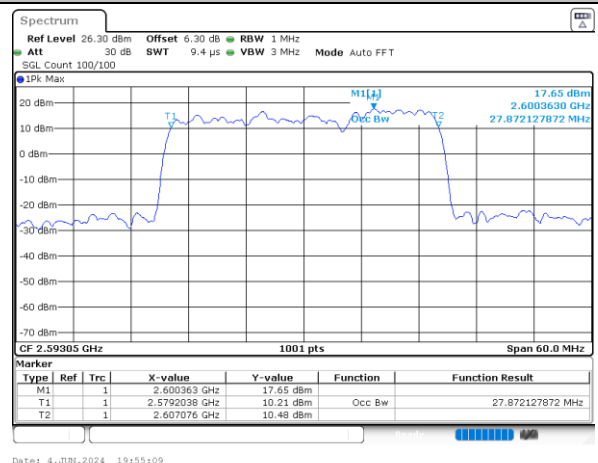
Middle Channel / 20MHz+15MHz / 16QAM



Middle Channel / 20MHz+10MHz / QPSK

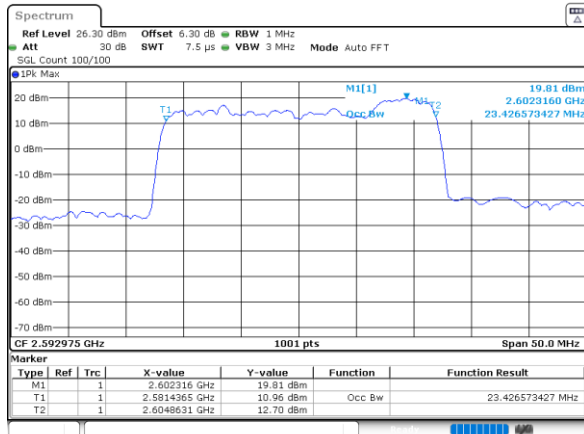


Middle Channel / 20MHz+10MHz / 16QAM



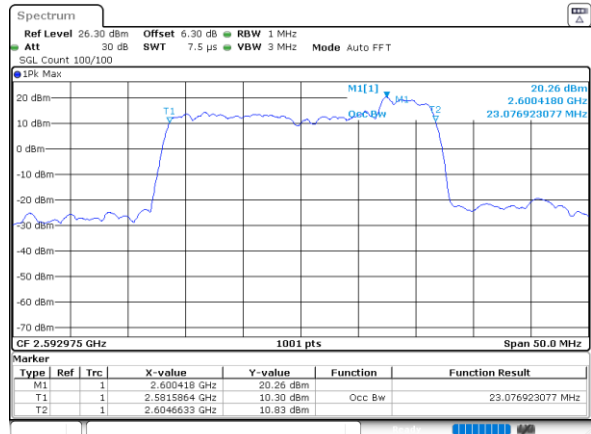


Middle Channel / 20MHz+5MHz / QPSK



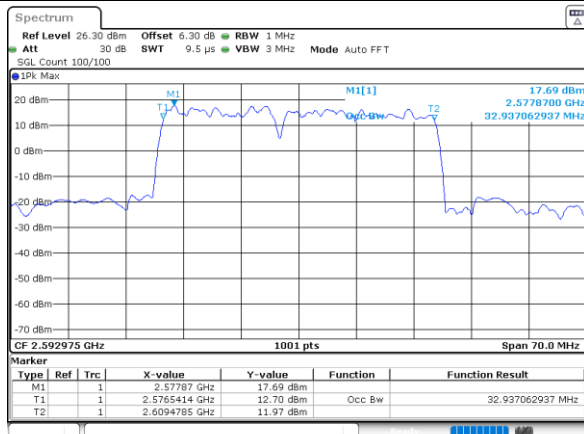
Date: 4.JUN.2024 19:45:02

Middle Channel / 20MHz+5MHz / 16QAM



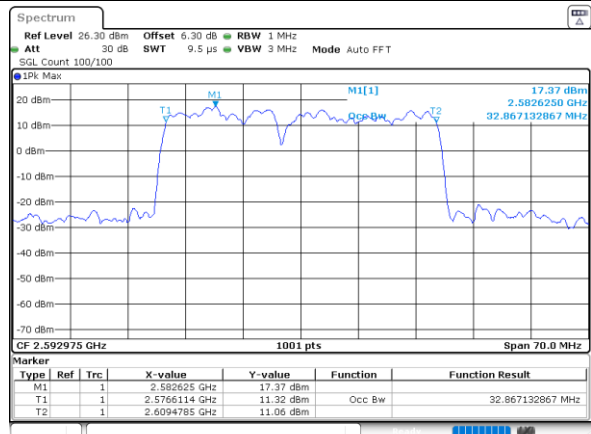
Date: 4.JUN.2024 19:43:40

Middle Channel / 15MHz+20MHz / QPSK



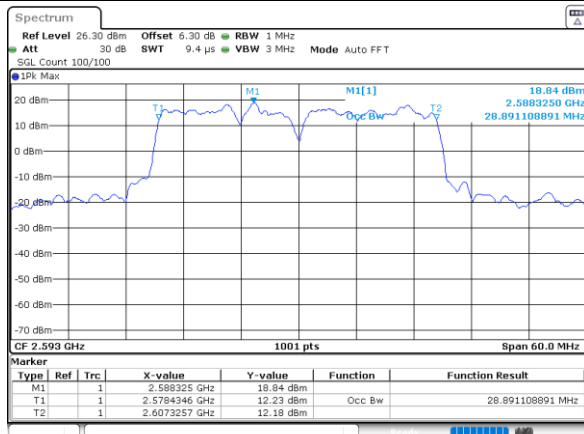
Date: 4.JUN.2024 20:02:36

Middle Channel /15MHz+20MHz / 16QAM



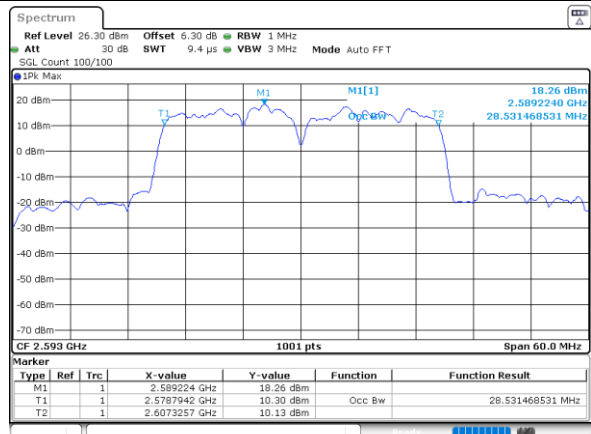
Date: 4.JUN.2024 20:03:14

Middle Channel / 15MHz+15MHz / QPSK



Date: 4.JUN.2024 19:57:36

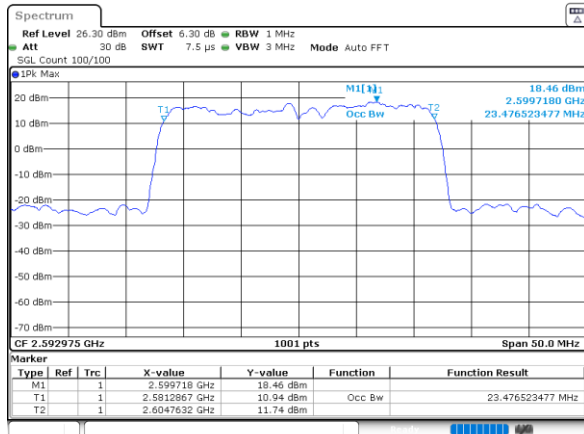
Middle Channel /15MHz+15MHz / 16QAM



Date: 4.JUN.2024 19:58:58

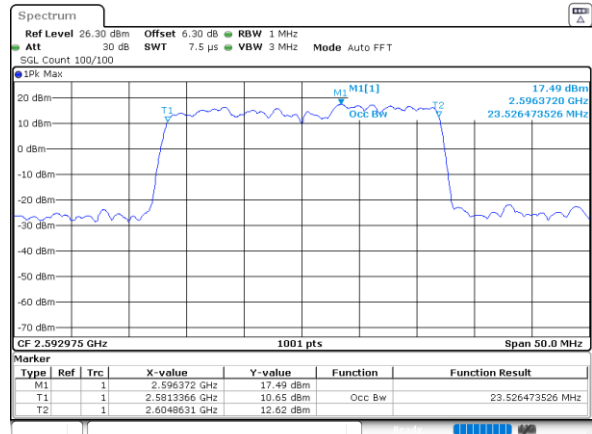


Middle Channel / 15MHz+10MHz / QPSK



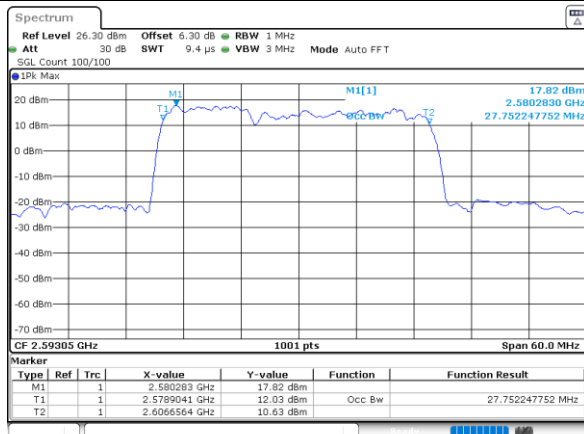
Date: 4.JUN.2024 19:50:23

Middle Channel / 15MHz+10MHz / 16QAM



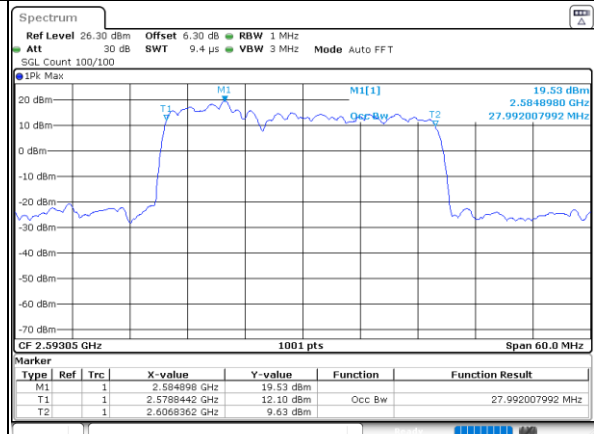
Date: 4.JUN.2024 19:49:01

Middle Channel / 10MHz+20MHz / QPSK



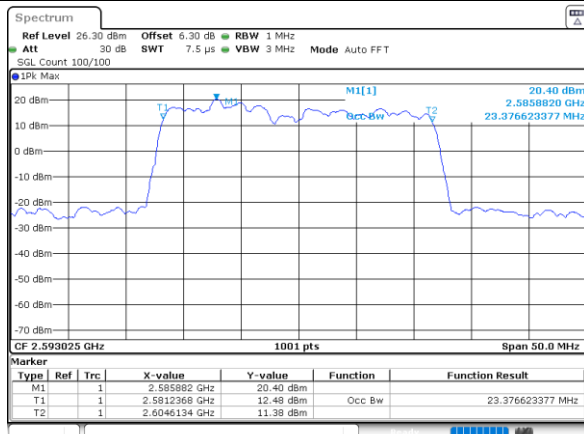
Date: 4.JUN.2024 19:51:54

Middle Channel / 10MHz+20MHz / 16QAM



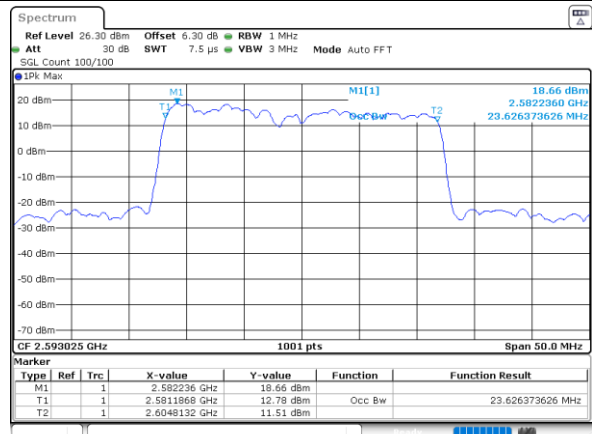
Date: 4.JUN.2024 19:53:16

Middle Channel / 10MHz+15MHz / QPSK



Date: 4.JUN.2024 19:46:03

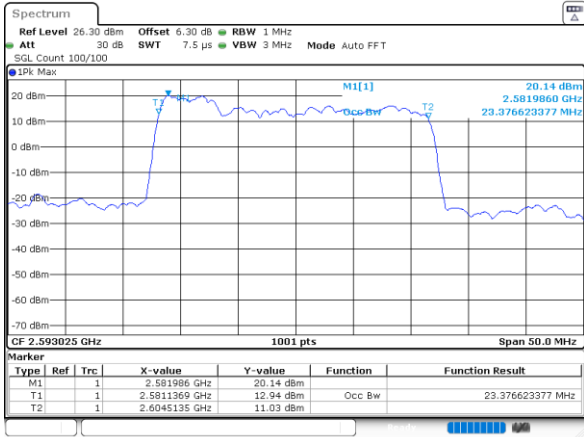
Middle Channel / 10MHz+15MHz / 16QAM



Date: 4.JUN.2024 19:47:25

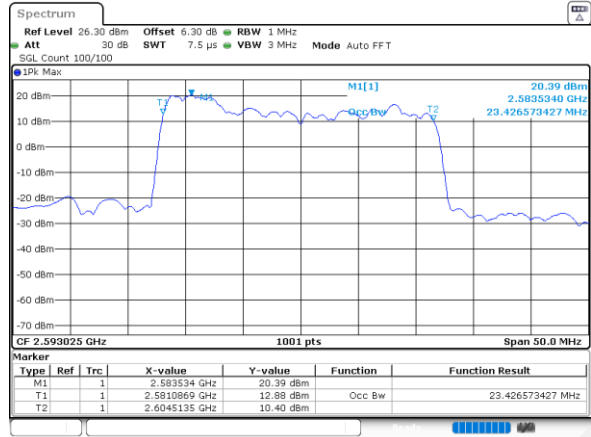


Middle Channel / 5MHz+20MHz / QPSK



Date: 4.JUN.2024 19:40:34

Middle Channel / 5MHz+20MHz / 16QAM



Date: 4.JUN.2024 19:41:56

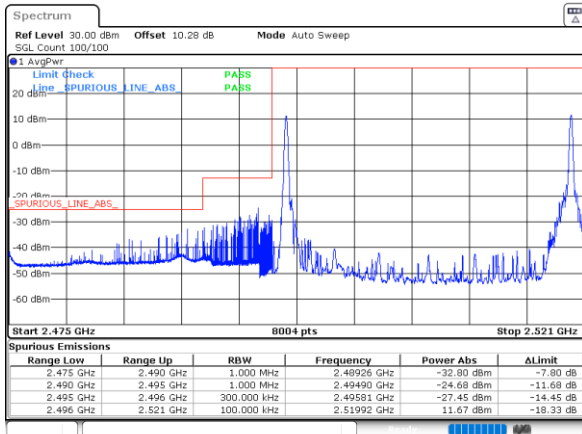


Conducted Band Edge

LTE Band 41C / 5MHz+20MHz

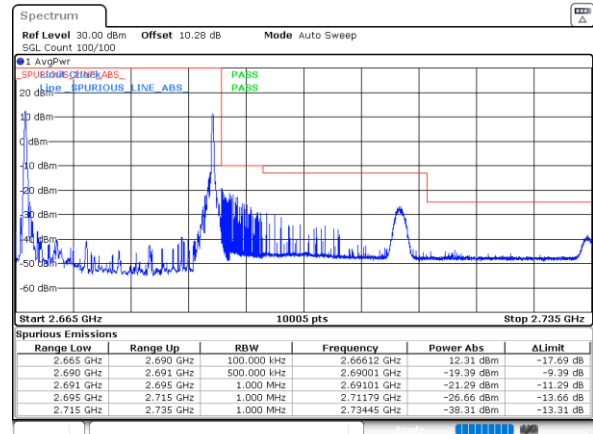
QPSK

Lowest Band Edge / 1RB0 and 1RB99



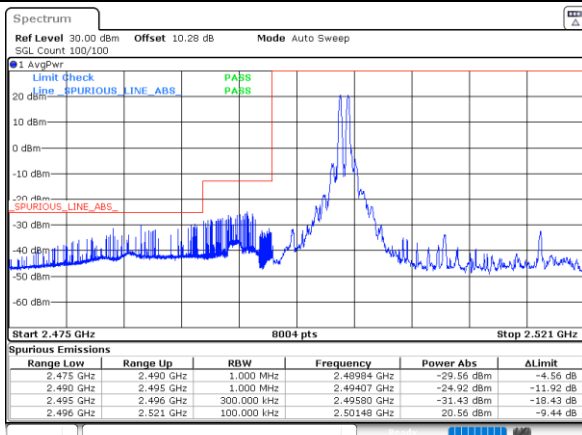
Date: 4 JUN 2024 11:12:26

Highest Band Edge / 1RB0 and 1RB99



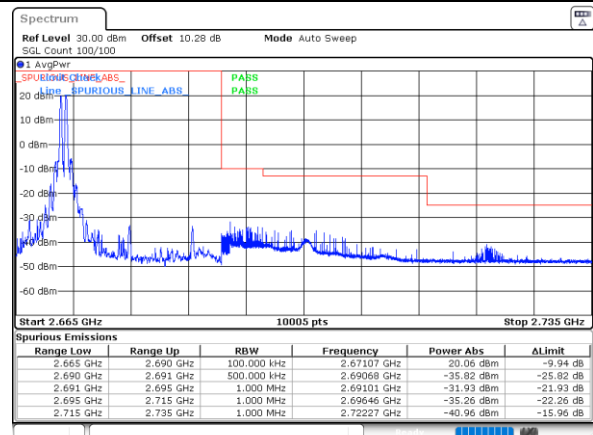
Date: 4 JUN 2024 11:33:02

Lowest Band Edge / 1RB24 and 1RB0



Date: 4 JUN 2024 11:08:52

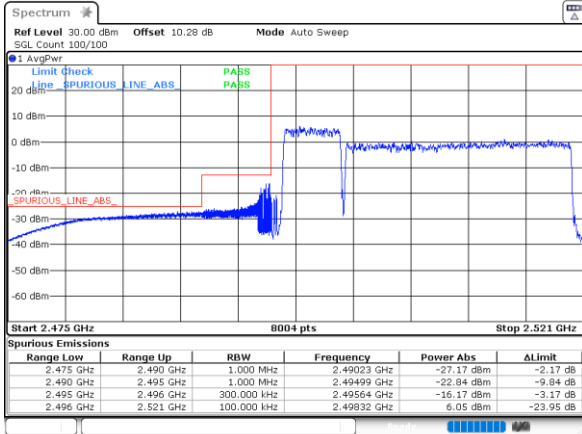
Highest Band Edge / 1RB24 and 1RB0



Date: 4 JUN 2024 11:29:26

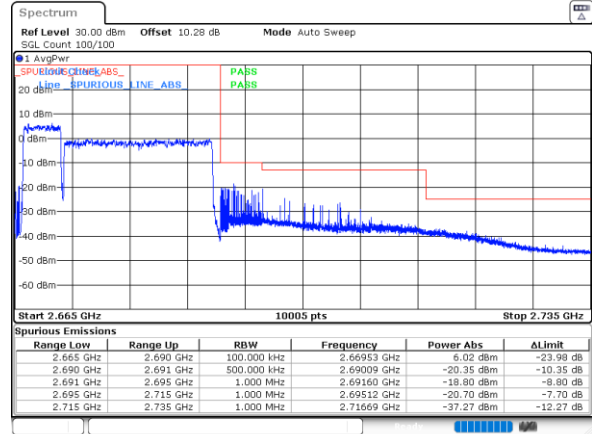


Lowest Band Edge / Full RB



Date: 4-JUN-2024 19:01:50

Highest Band Edge / Full RB



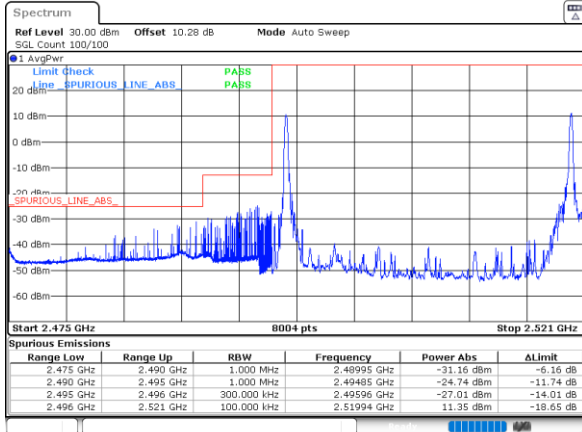
Date: 4-JUN-2024 11:36:34



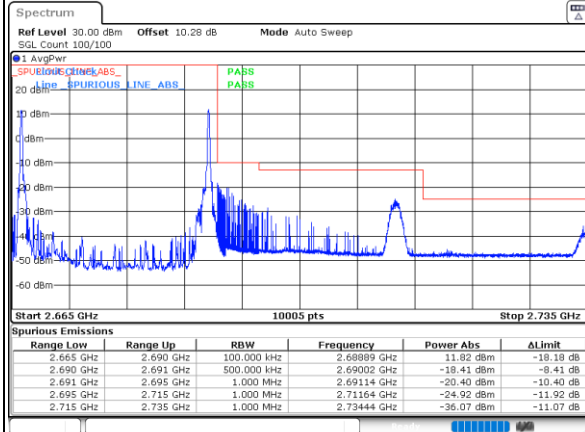
LTE Band 41C / 5MHz+20MHz

16QAM

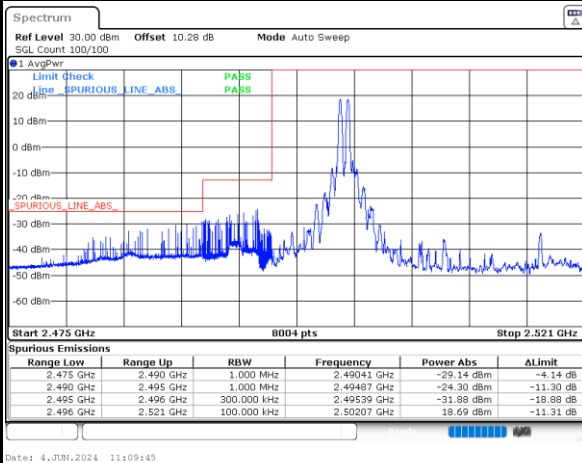
Lowest Band Edge / 1RB0 and 1RB99



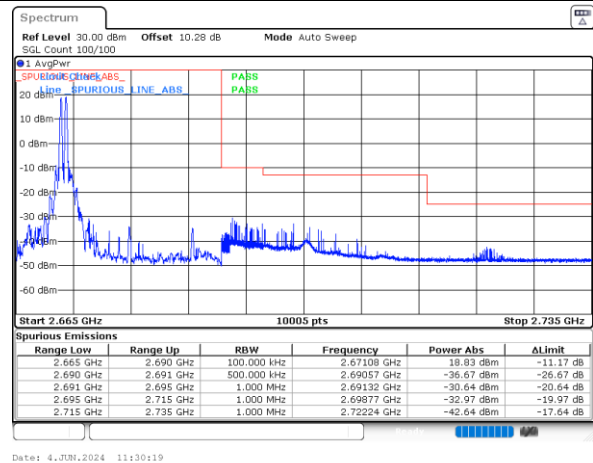
Highest Band Edge / 1RB0 and 1RB99



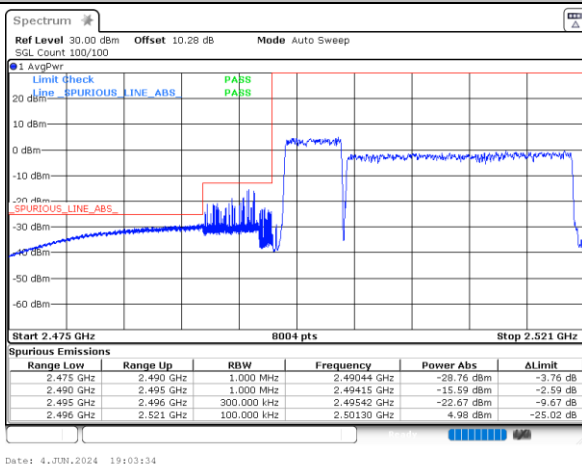
Lowest Band Edge / 1RB24 and 1RB0



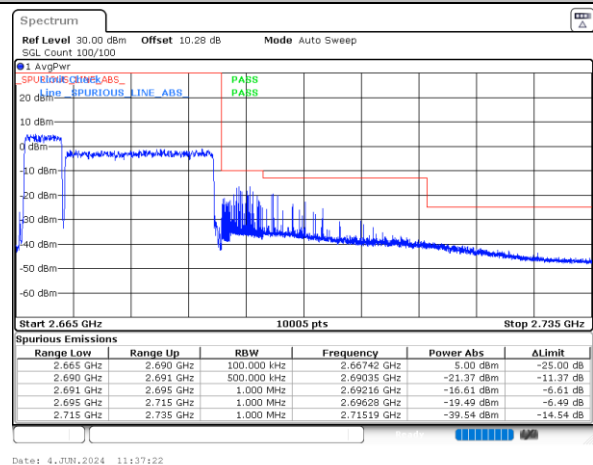
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

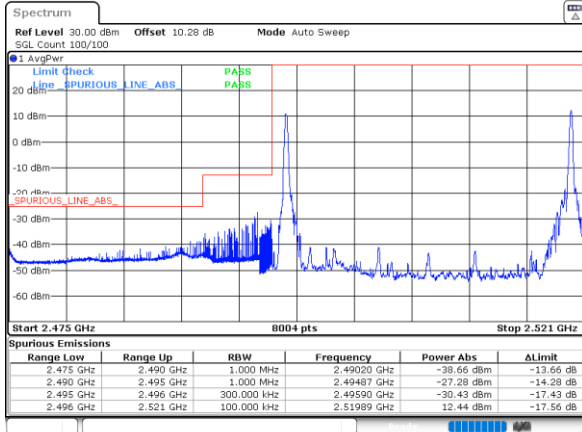




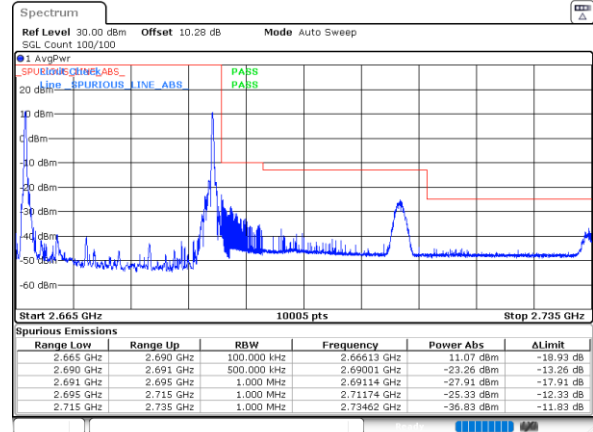
LTE Band 41C / 5MHz+20MHz

64QAM

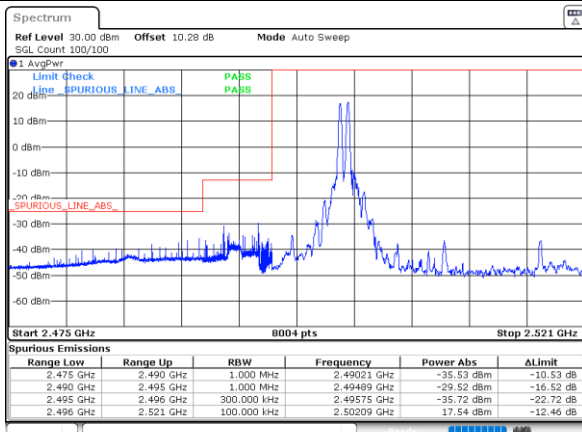
Lowest Band Edge / 1RB0 and 1RB99



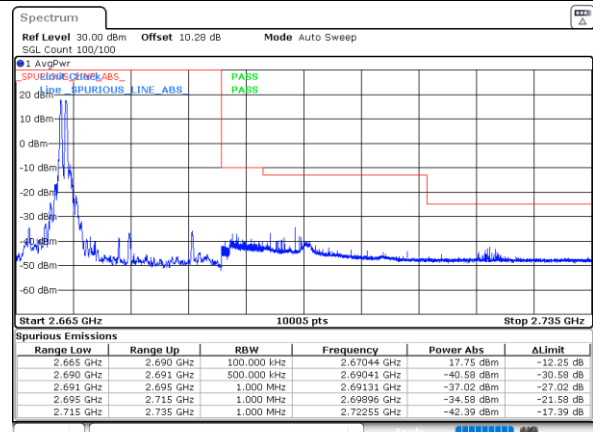
Highest Band Edge / 1RB0 and 1RB99



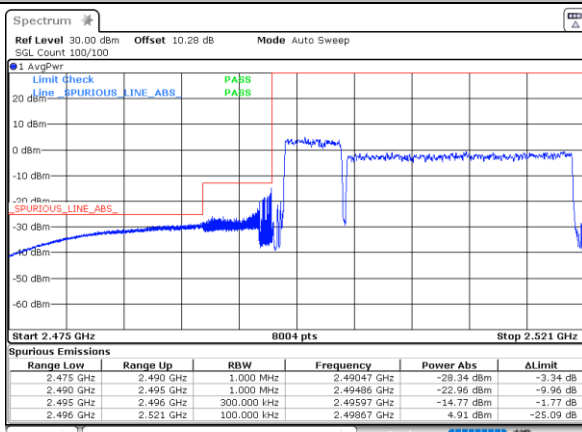
Lowest Band Edge / 1RB24 and 1RB0



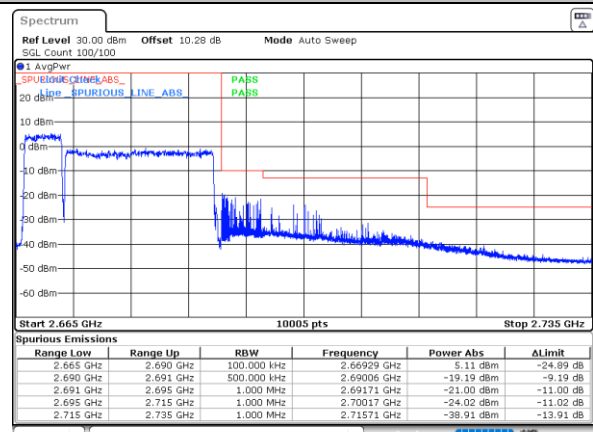
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

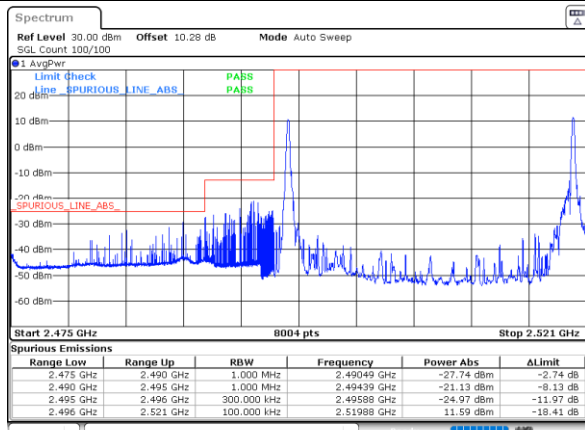




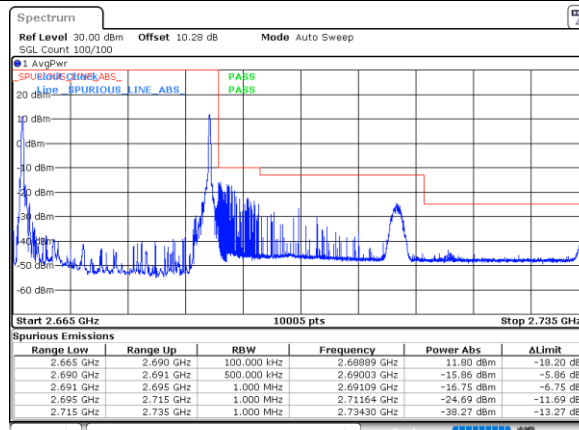
LTE Band 41C / 5MHz+20MHz

256QAM

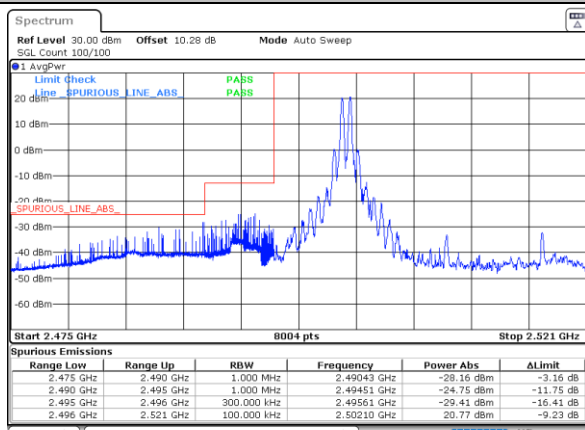
Lowest Band Edge / 1RB0 and 1RB99



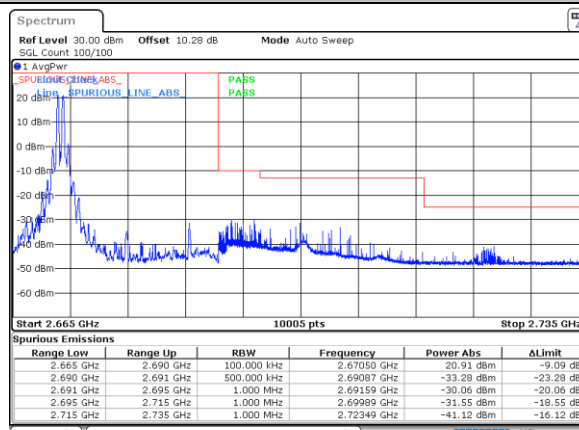
Highest Band Edge / 1RB0 and 1RB99



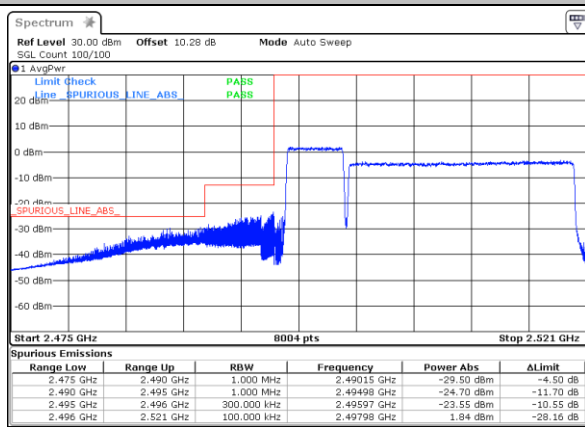
Lowest Band Edge / 1RB24 and 1RB0



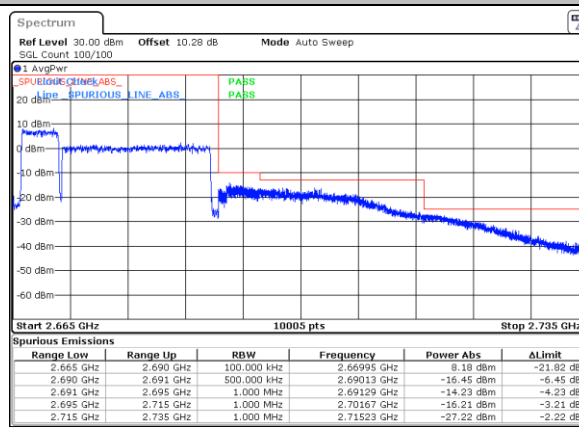
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

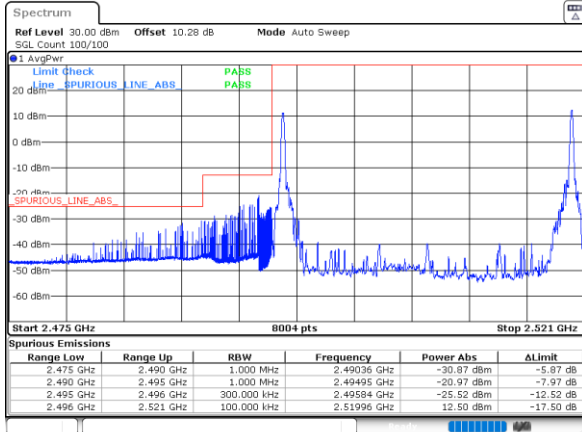




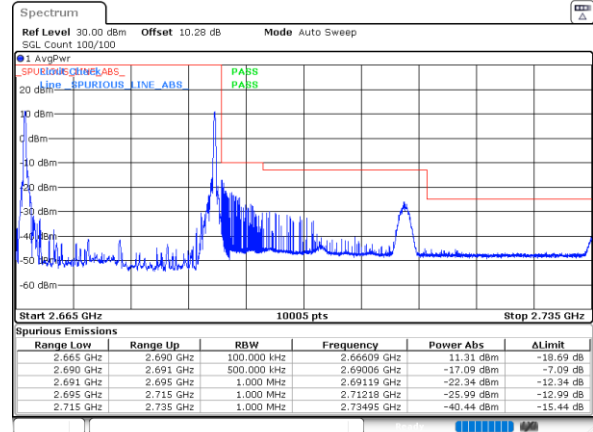
LTE Band 41C / 10MHz+15MHz

QPSK

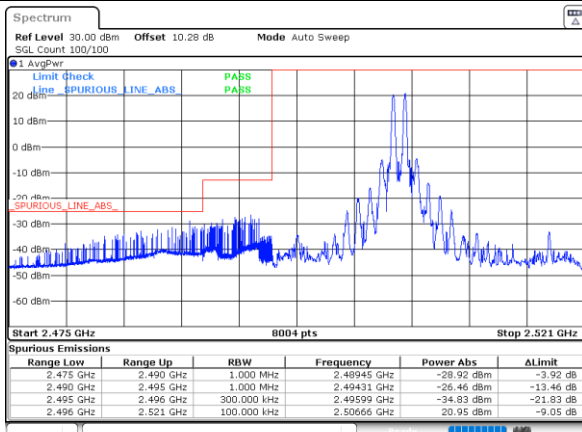
Lowest Band Edge / 1RB0 and 1RB74



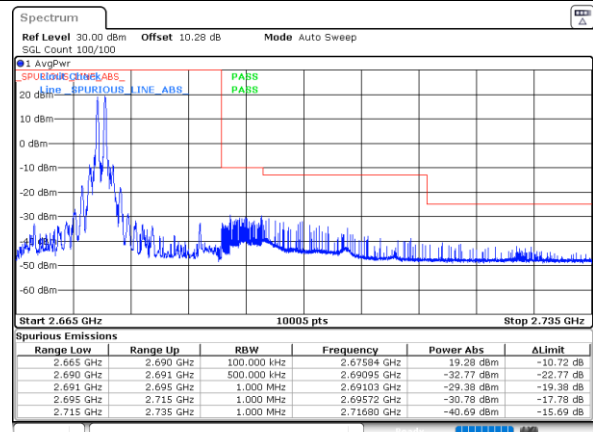
Highest Band Edge / 1RB0 and 1RB74



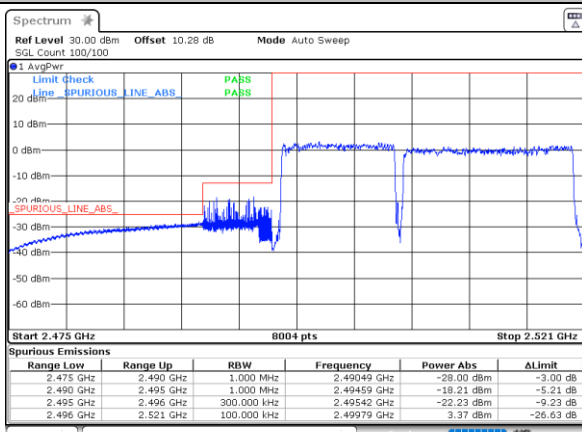
Lowest Band Edge / 1RB49 and 1RB0



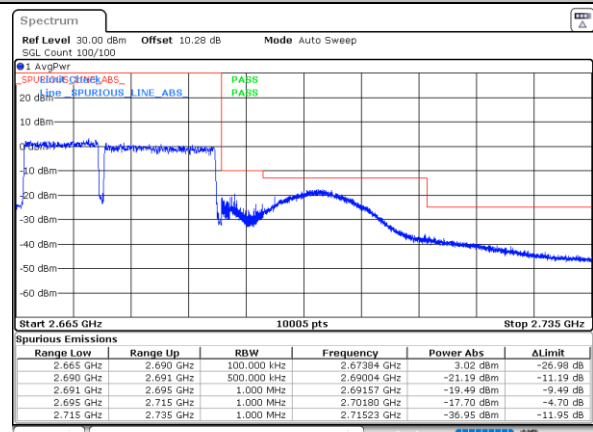
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

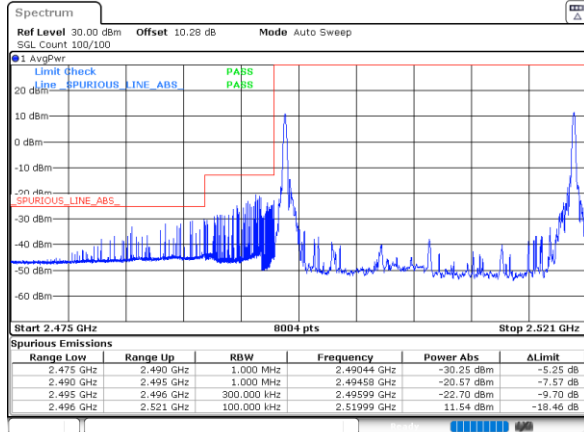




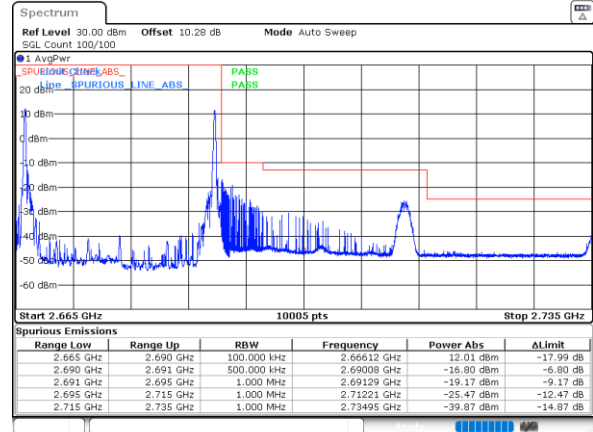
LTE Band 41C / 10MHz+15MHz

16QAM

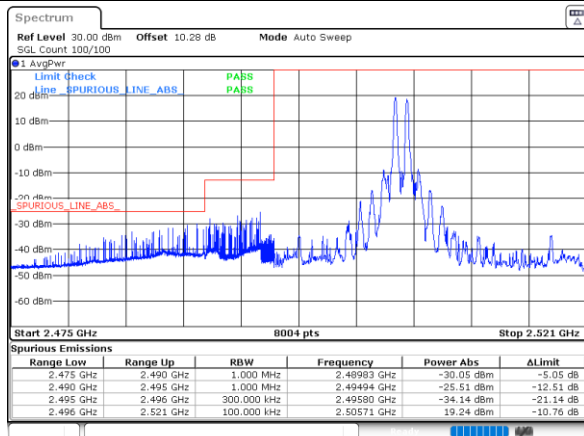
Lowest Band Edge / 1RB0 and 1RB74



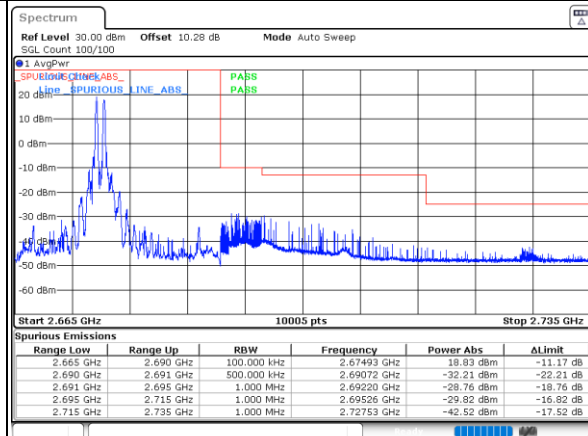
Highest Band Edge / 1RB0 and 1RB74



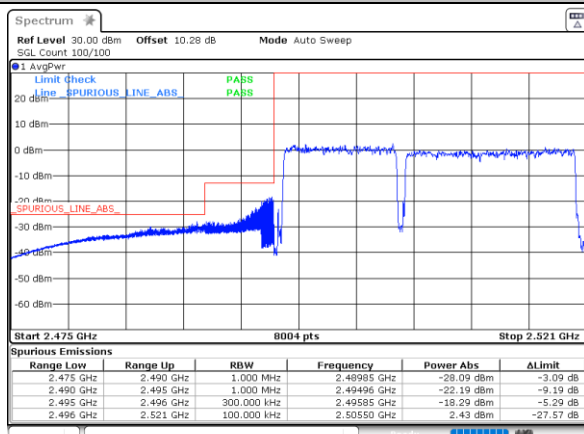
Lowest Band Edge / 1RB49 and 1RB0



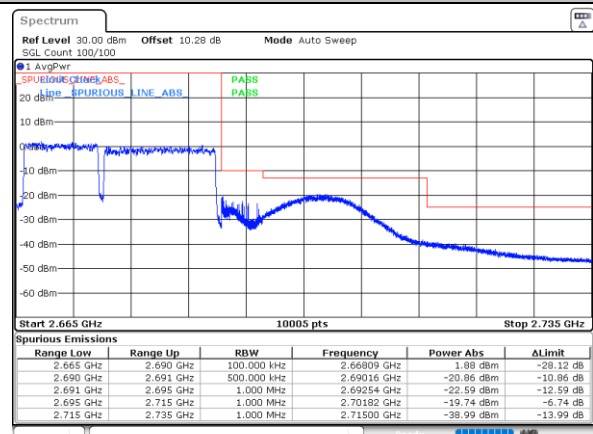
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

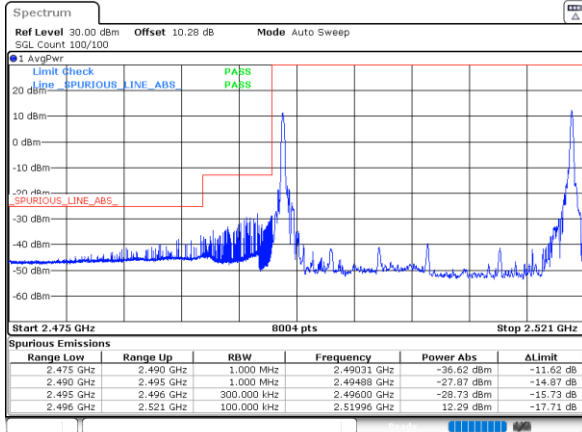




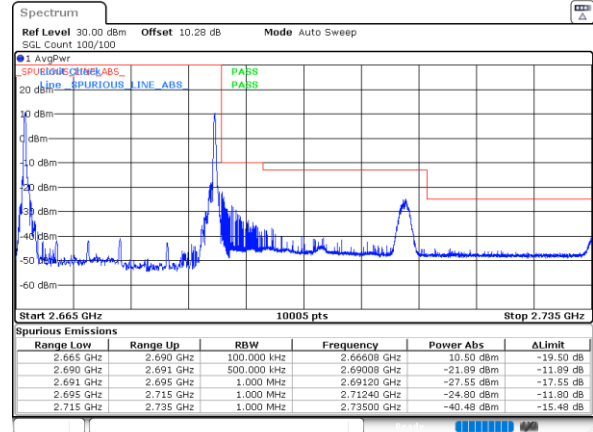
LTE Band 41C / 10MHz+15MHz

64QAM

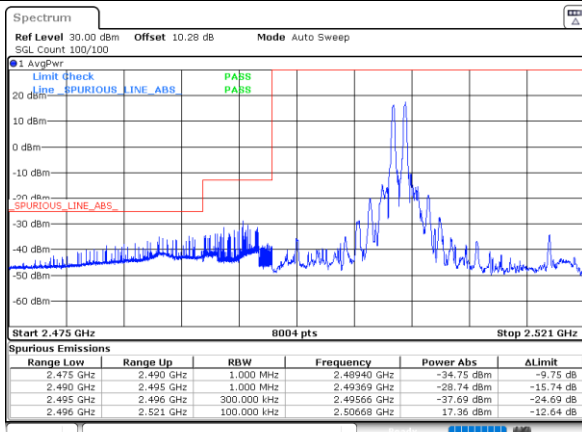
Lowest Band Edge / 1RB0 and 1RB74



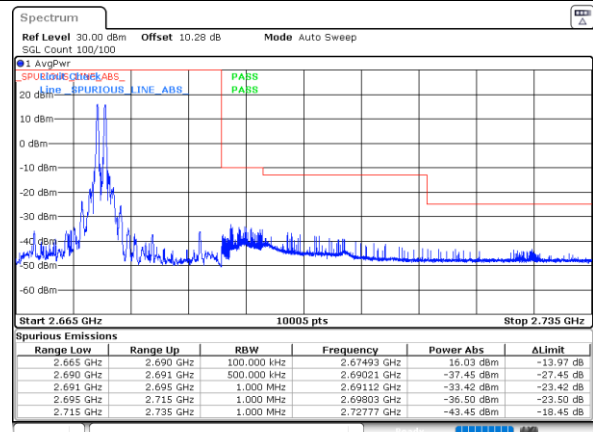
Highest Band Edge / 1RB0 and 1RB74



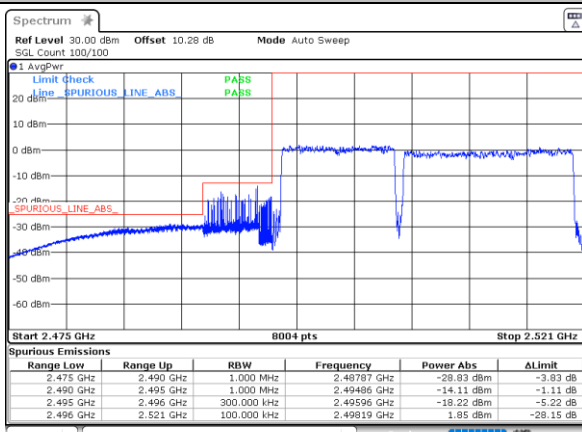
Lowest Band Edge / 1RB49 and 1RB0



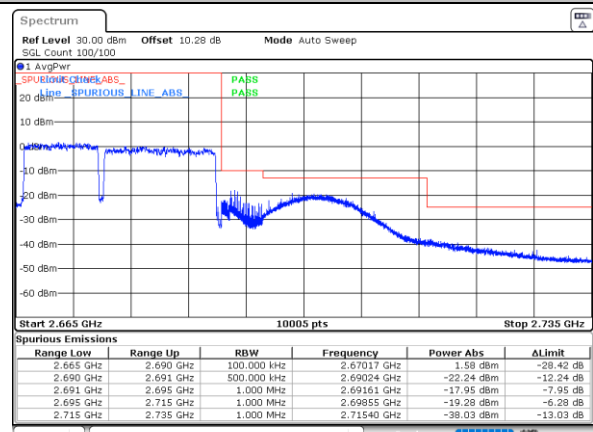
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

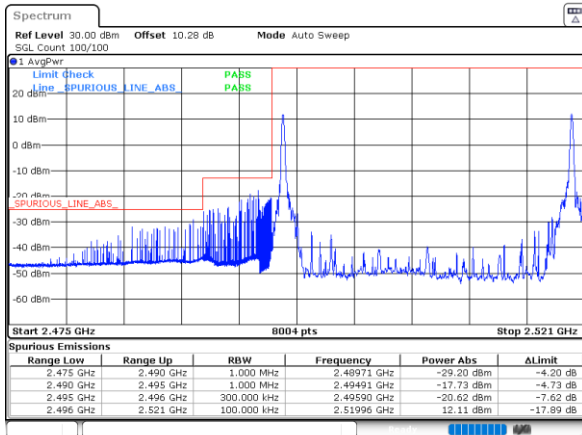




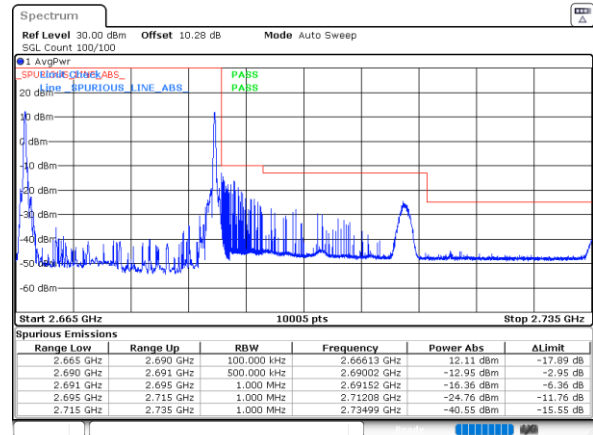
LTE Band 41C / 10MHz+15MHz

256AM

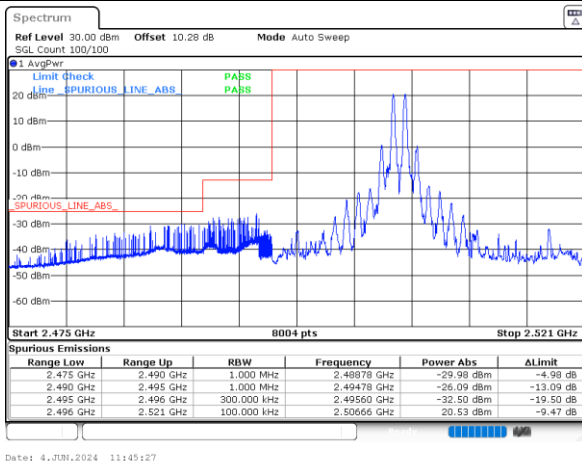
Lowest Band Edge / 1RB0 and 1RB74



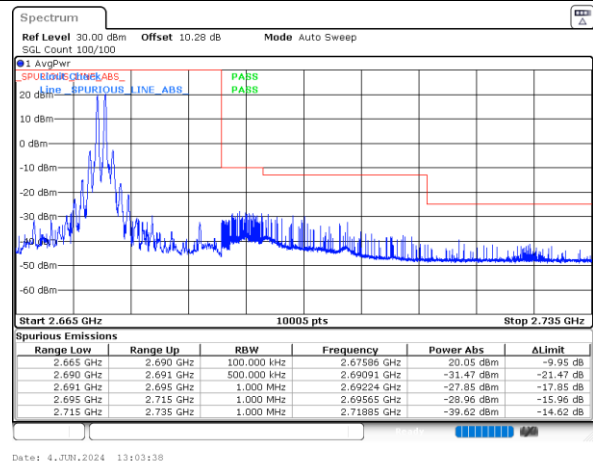
Highest Band Edge / 1RB0 and 1RB74



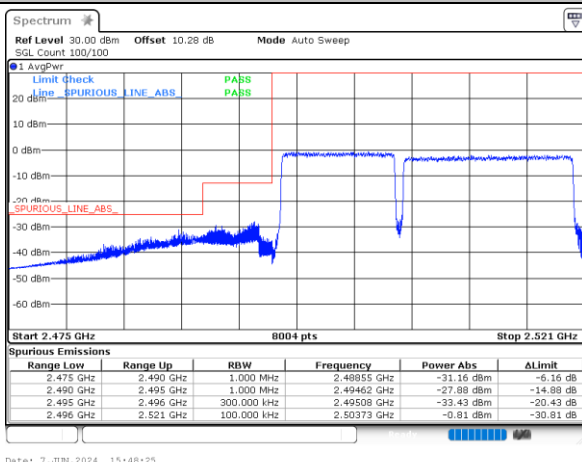
Lowest Band Edge / 1RB49 and 1RB0



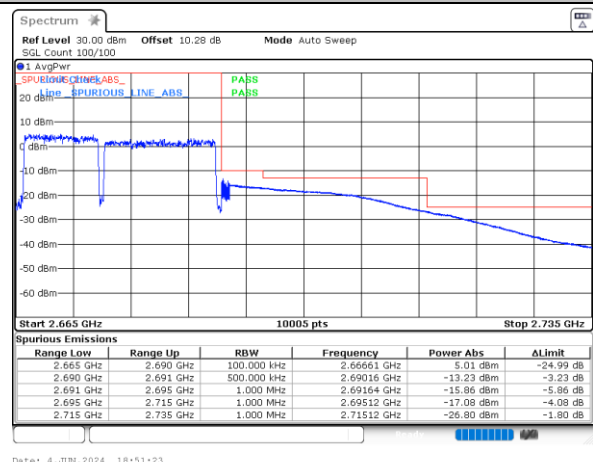
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

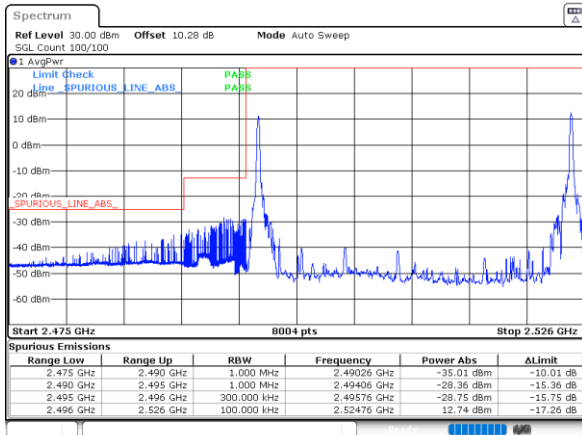




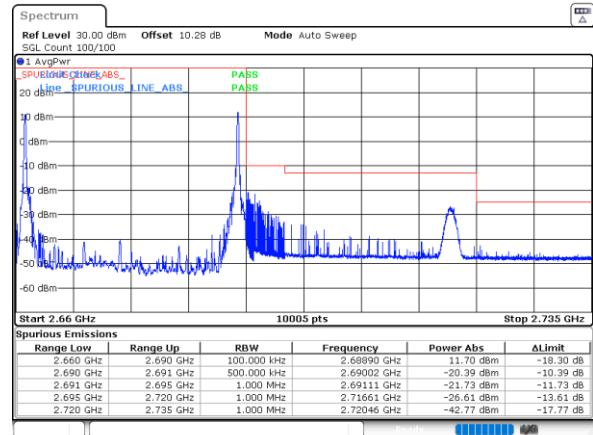
LTE Band 41C / 10MHz+20MHz

QPSK

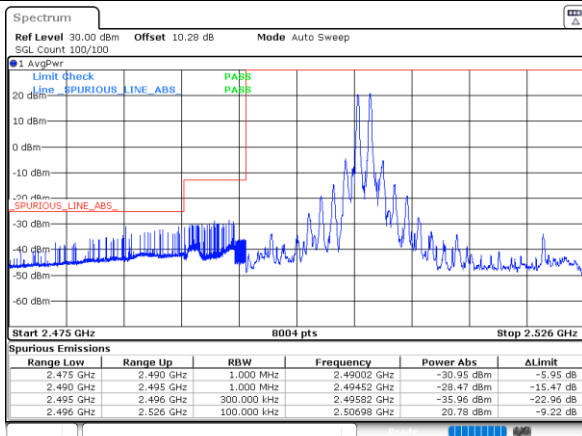
Lowest Band Edge / 1RB0 and 1RB99



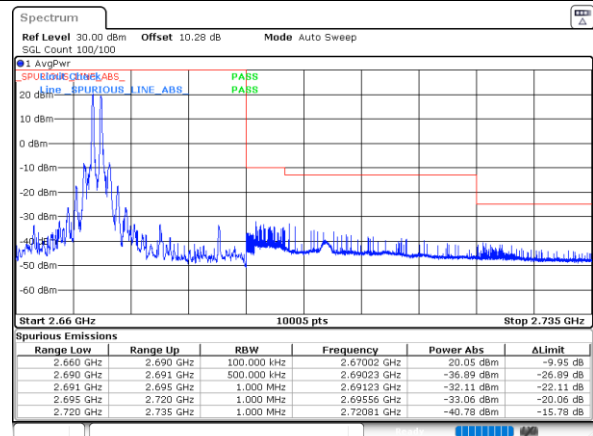
Highest Band Edge / 1RB0 and 1RB99



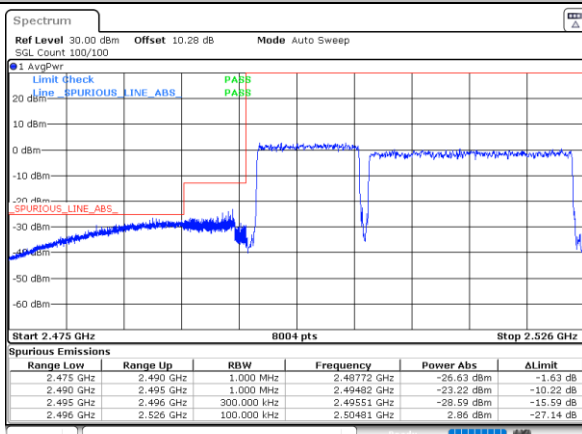
Lowest Band Edge / 1RB49 and 1RB0



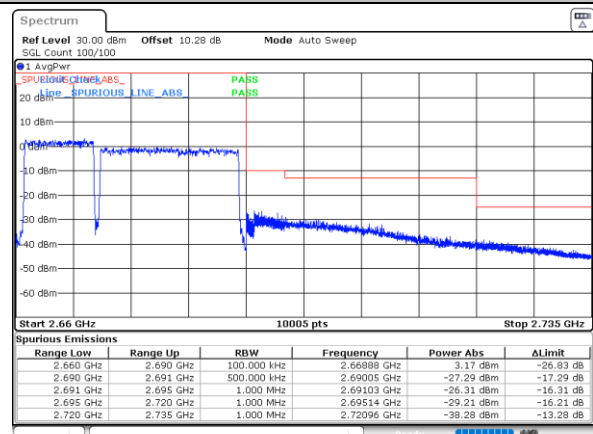
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

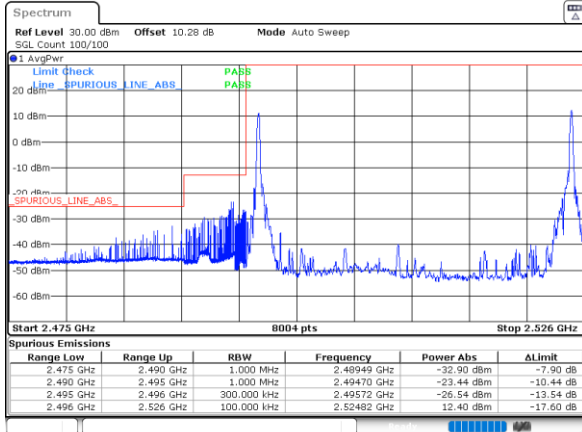




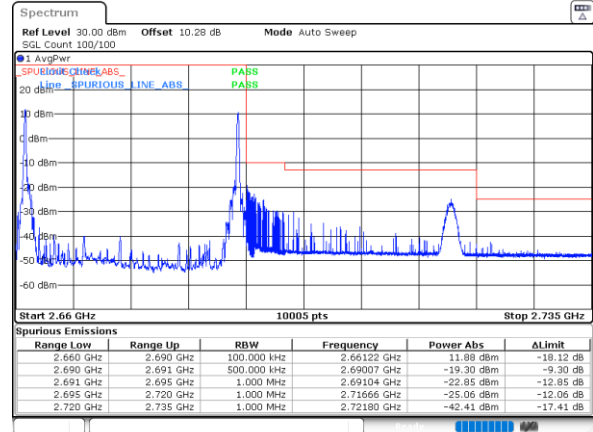
LTE Band 41C / 10MHz+20MHz

16QAM

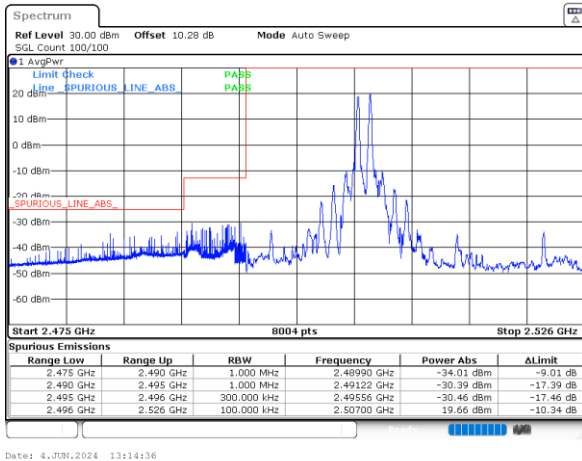
Lowest Band Edge / 1RB0 and 1RB99



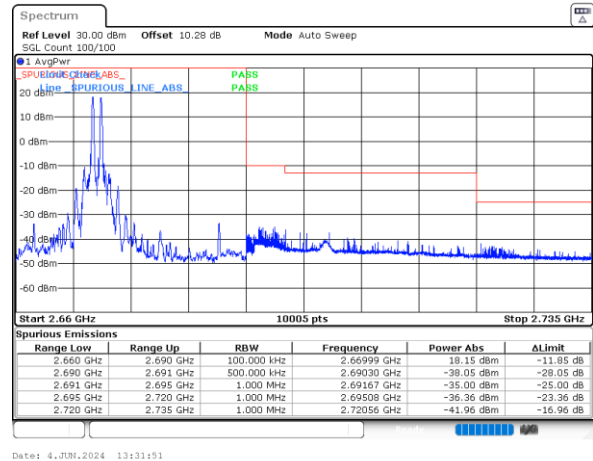
Highest Band Edge / 1RB0 and 1RB99



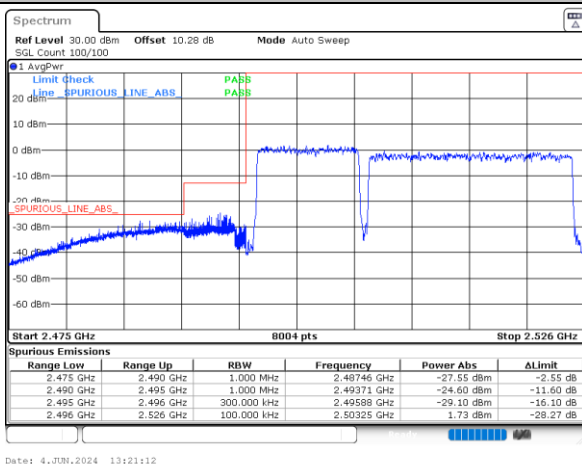
Lowest Band Edge / 1RB49 and 1RB0



Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

