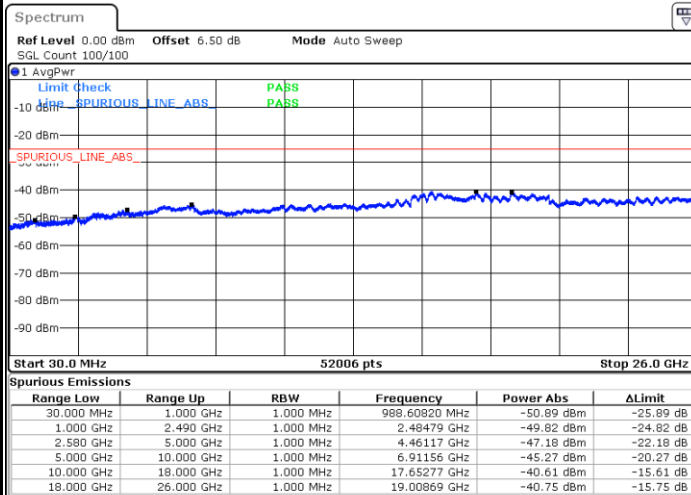




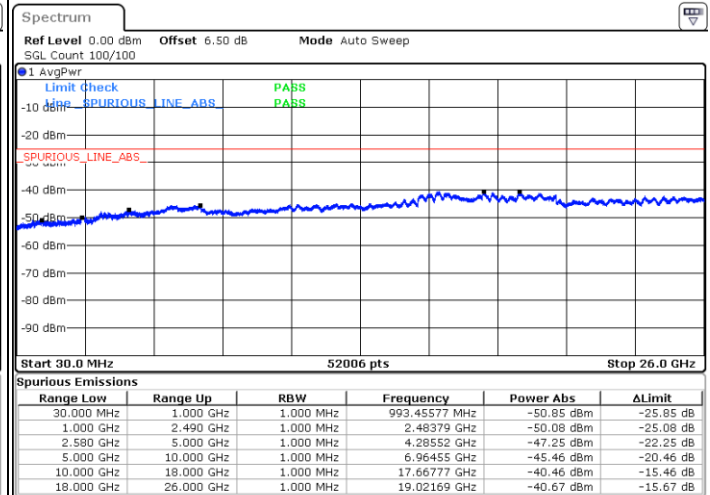
Conducted Spurious Emission

LTE Band 7 / 5MHz

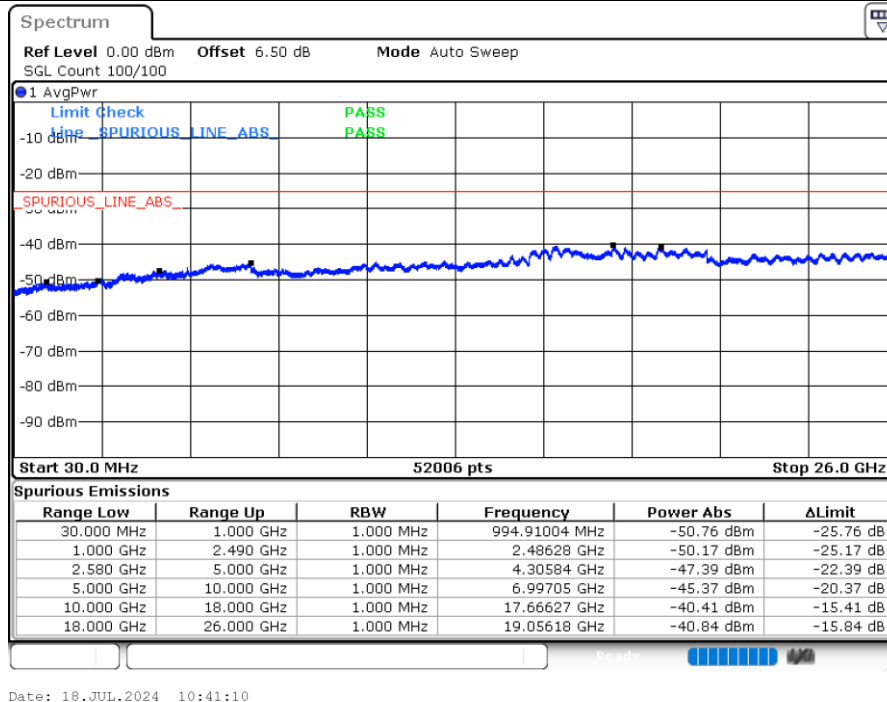
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

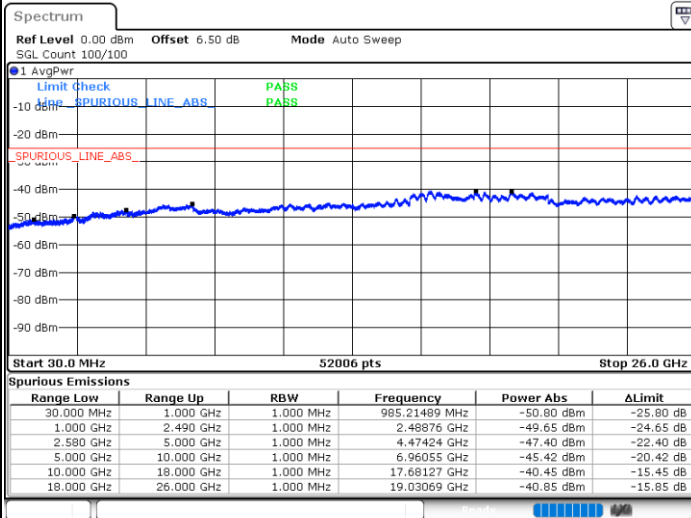




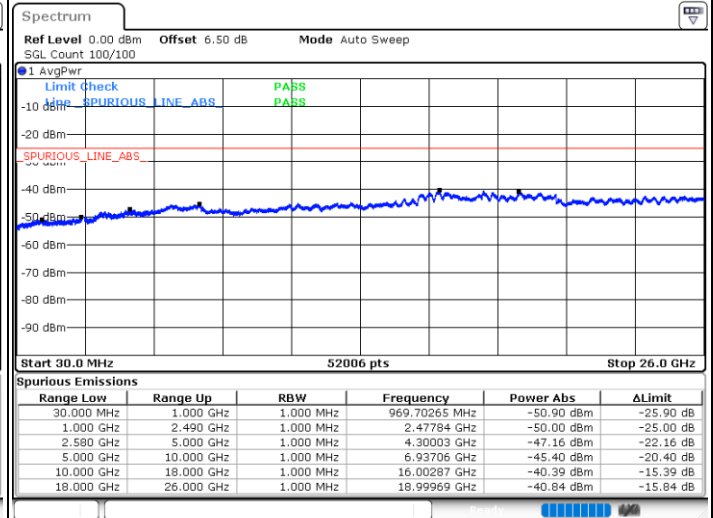
LTE Band 7 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

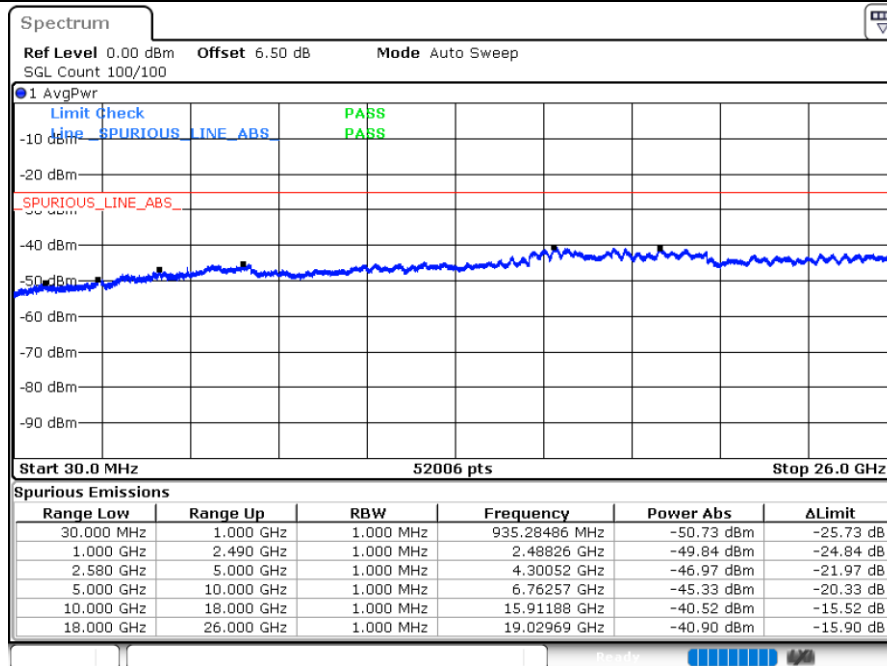


Date: 18.JUL.2024 10:04:48



Date: 18.JUL.2024 10:01:33

Highest Channel / QPSK



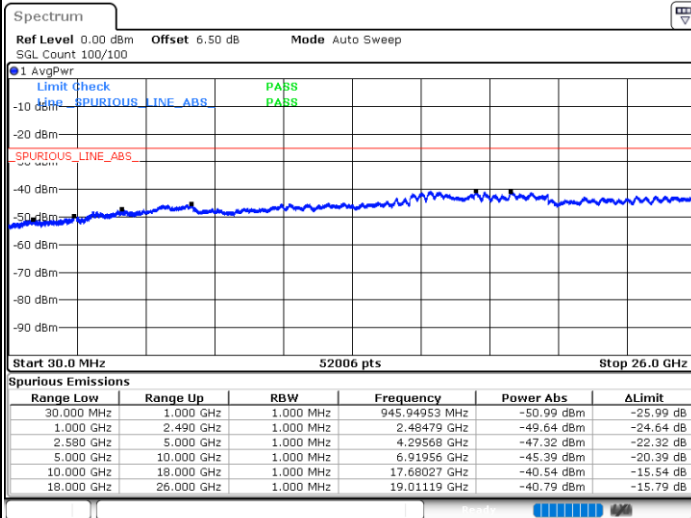
Date: 18.JUL.2024 10:21:04



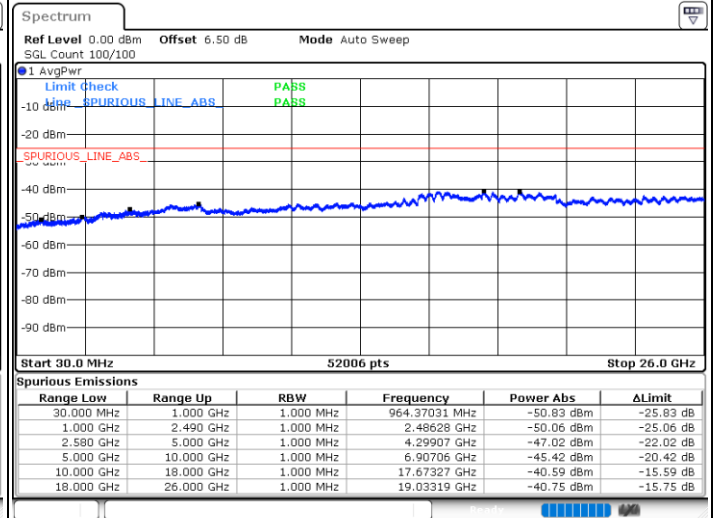
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

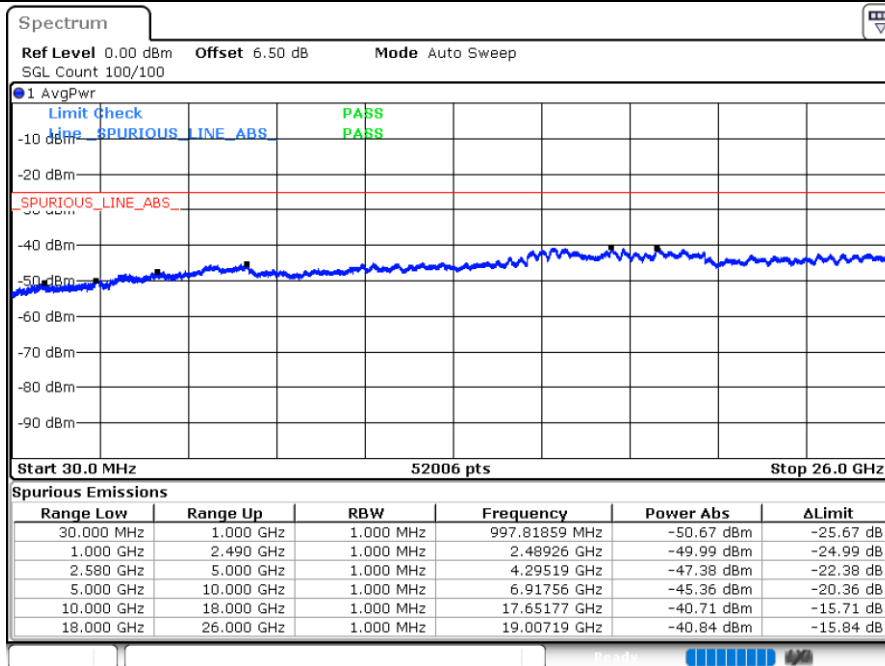


Date: 18.JUL.2024 09:45:07



Date: 18.JUL.2024 09:42:28

Highest Channel / QPSK



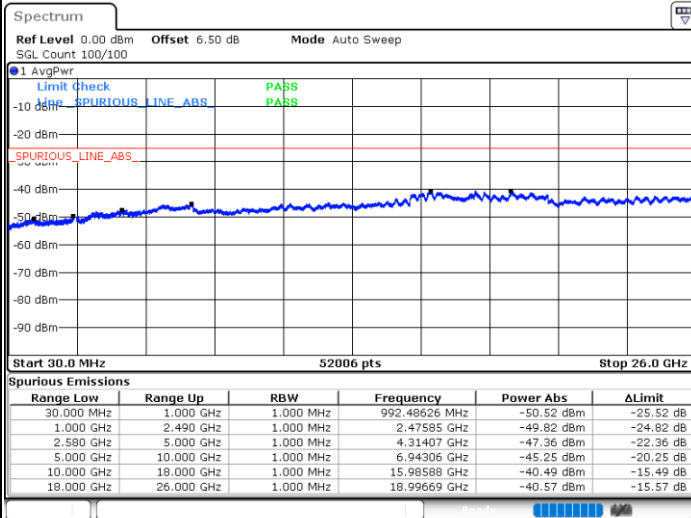
Date: 18.JUL.2024 09:52:23



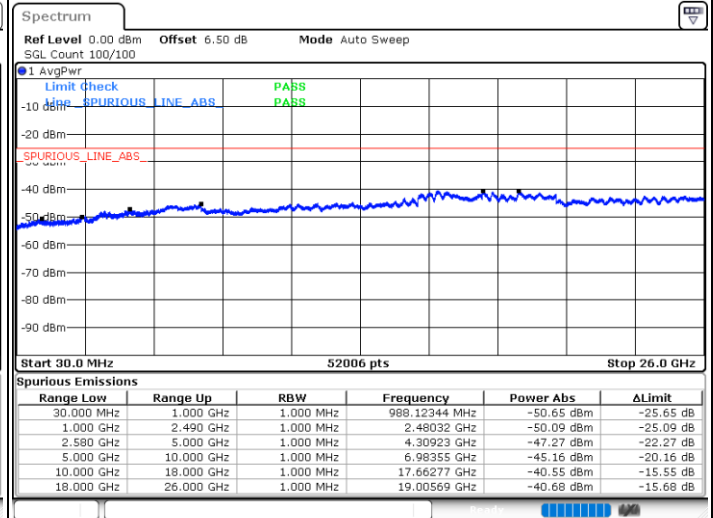
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

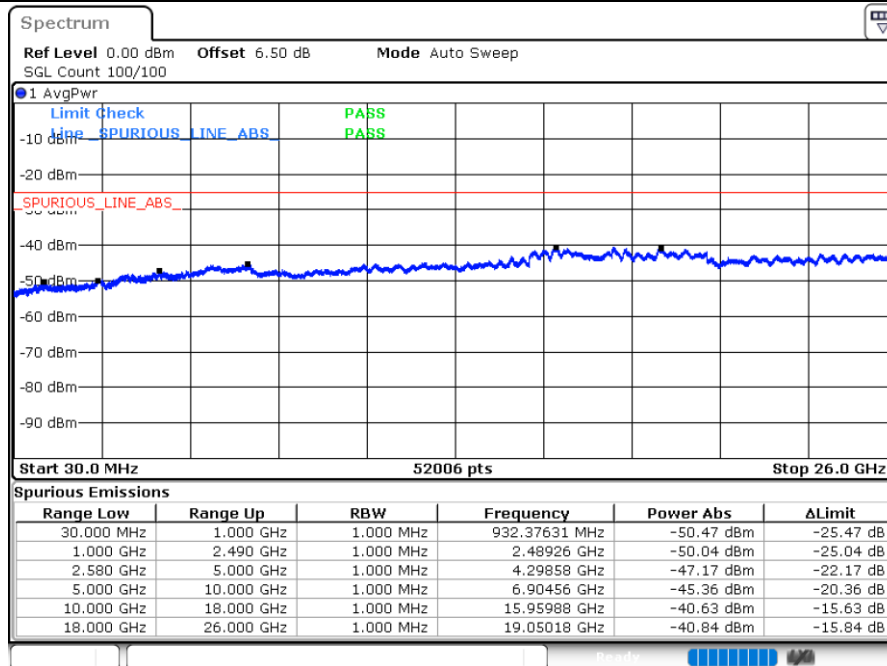


Date: 18.JUL.2024 09:22:47



Date: 18.JUL.2024 09:11:12

Highest Channel / QPSK



Date: 18.JUL.2024 09:30:25

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0018	
0	Normal Voltage	0.0056	
-10	Normal Voltage	0.0049	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0042	

Note:

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



LTE Band 7c

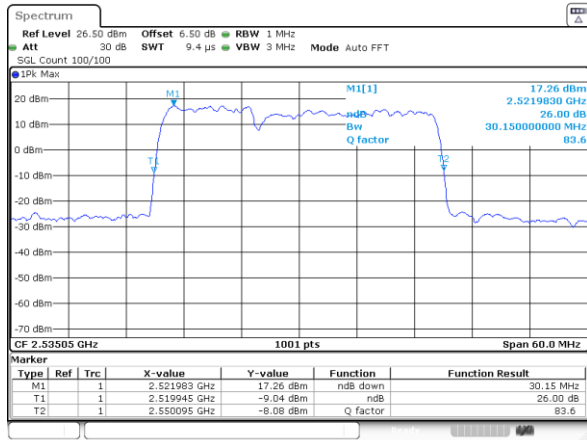
26dB Bandwidth

Mode	LTE Band 7c : 26dB BW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	30.15	30.03
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.38	25.33
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.57	30.63
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	34.90	35.04
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.03	29.91
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	35.04	35.04
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	40.12	39.96

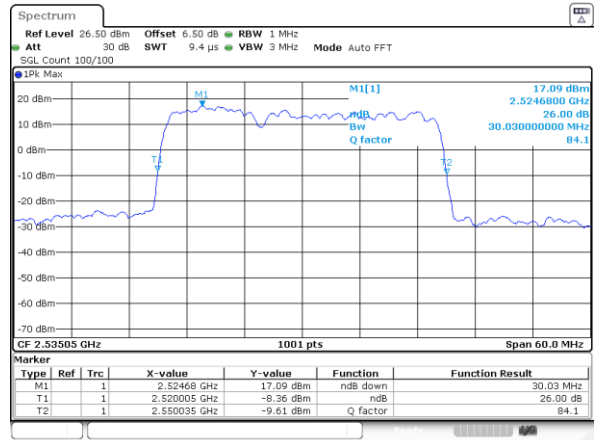


LTE Band 7

Middle Channel / 10MHz+20MHz / QPSK

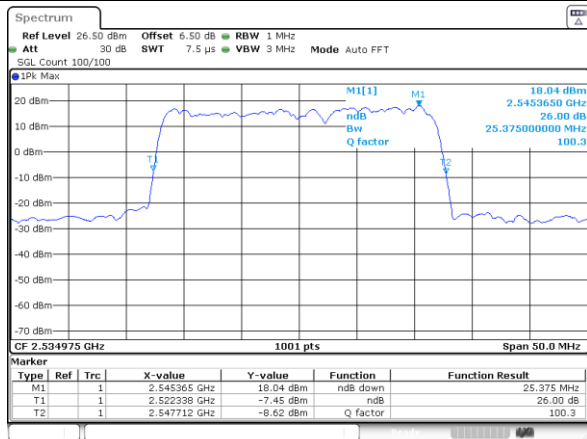


Middle Channel / 10MHz+20MHz / 16QAM

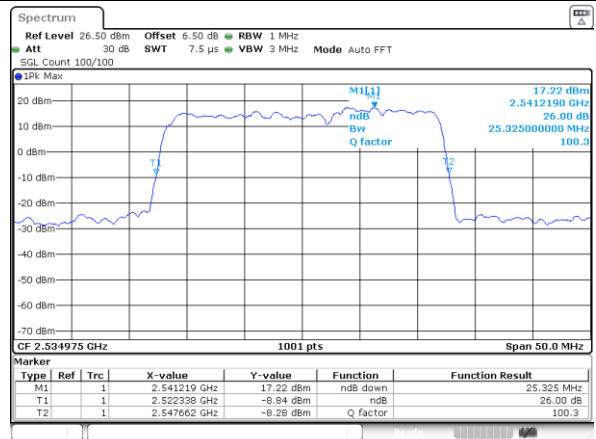


LTE Band 7

Middle Channel / 15MHz+10MHz / QPSK

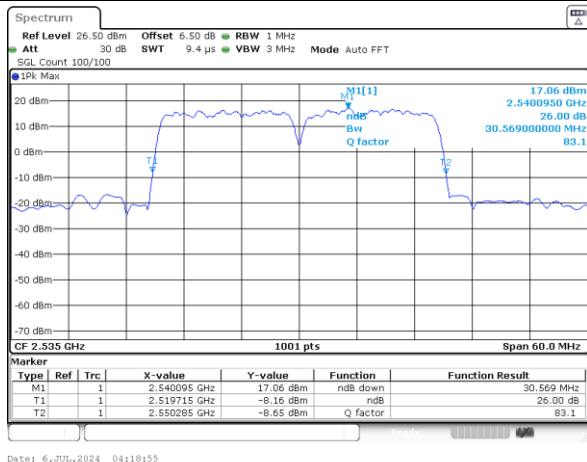


Middle Channel / 15MHz+10MHz / 16QAM

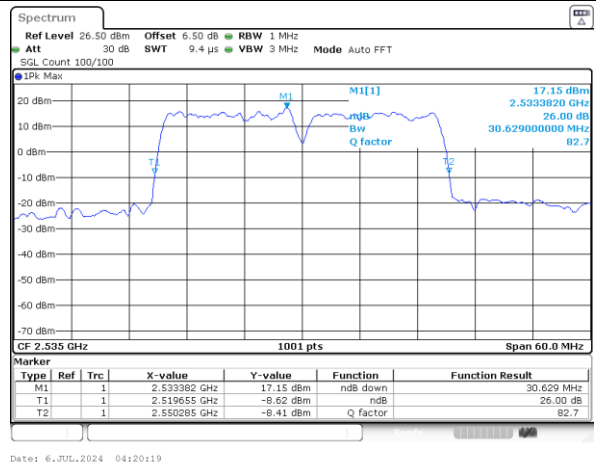


LTE Band 7

Middle Channel / 15MHz+15MHz / QPSK



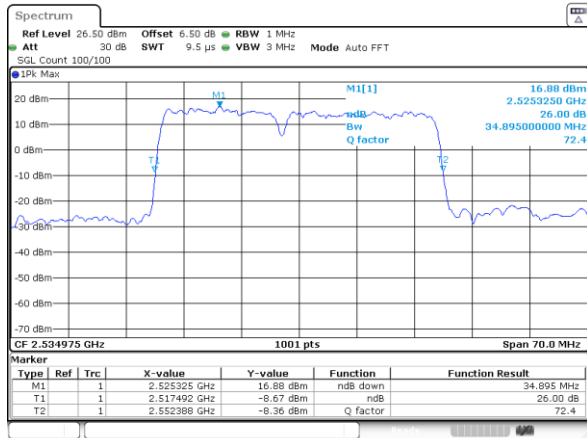
Middle Channel / 15MHz+15MHz / 16QAM





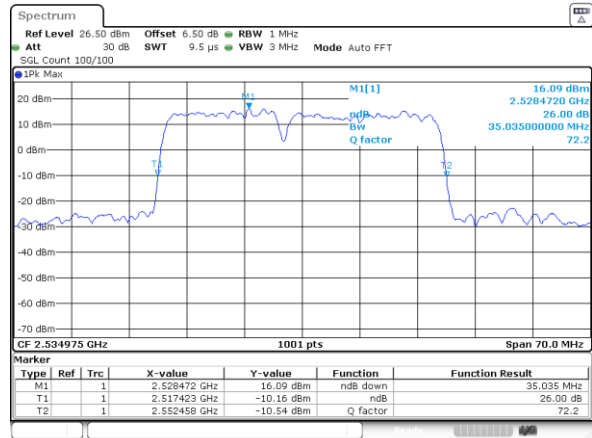
LTE Band 7

Middle Channel / 15MHz+20MHz / QPSK



Date: 6.JUL.2024 04:20:51

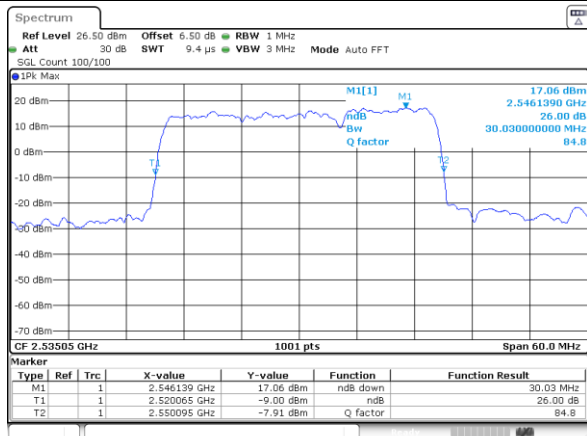
Middle Channel / 15MHz+20MHz / 16QAM



Date: 6.JUL.2024 04:22:21

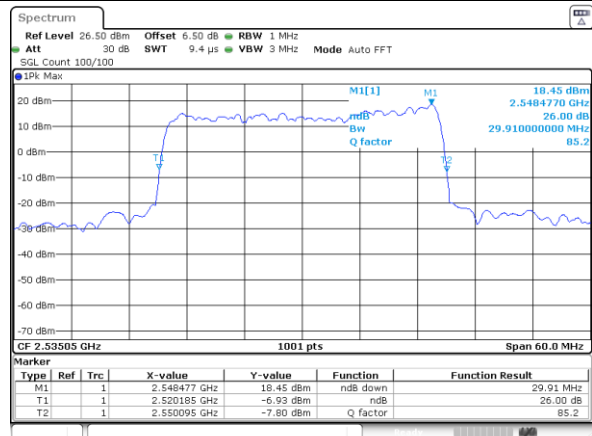
LTE Band 7

Middle Channel / 20MHz+10MHz / QPSK



Date: 6.JUL.2024 04:22:55

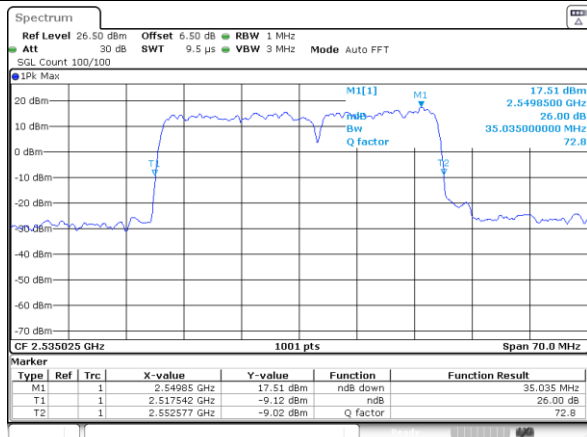
Middle Channel / 20MHz+10MHz / 16QAM



Date: 6.JUL.2024 04:24:24

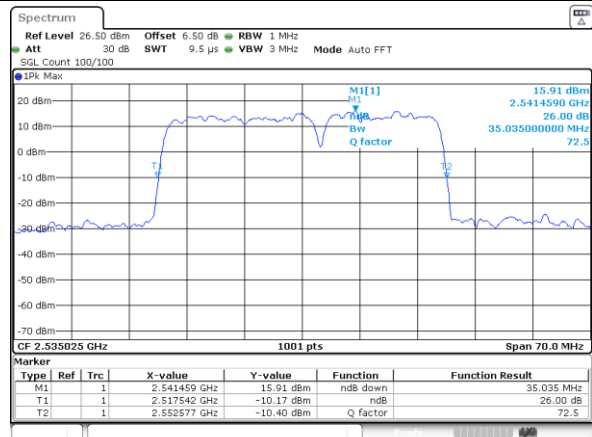
LTE Band 7

Middle Channel / 20MHz+15MHz / QPSK



Date: 6.JUL.2024 04:24:56

Middle Channel / 20MHz+15MHz / 16QAM

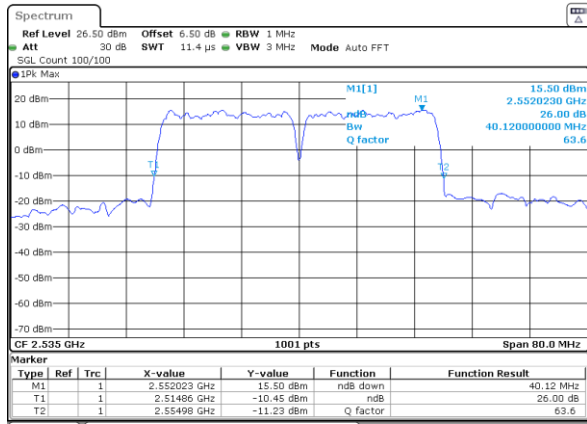


Date: 6.JUL.2024 04:26:26



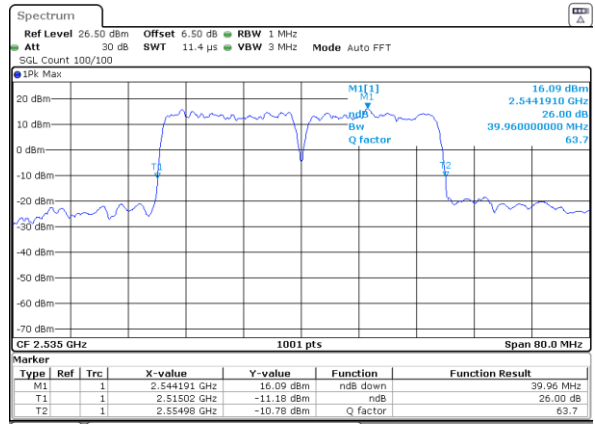
LTE Band 7

Middle Channel / 20MHz+20MHz / QPSK



Date: 6.JUL.2024 04:26:55

Middle Channel / 20MHz+20MHz / 16QAM



Date: 6.JUL.2024 04:28:19

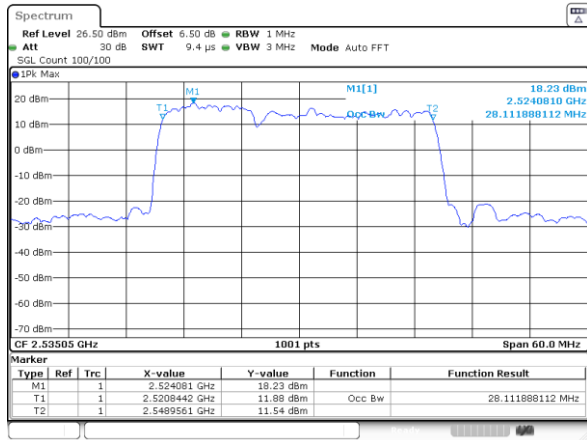
**Occupied Bandwidth**

Mode	LTE Band 7 : 99%OBW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	28.11	27.99
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.58	23.43
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.59	28.65
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	32.80	32.94
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.23	27.99
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	32.94	32.87
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.80	37.80

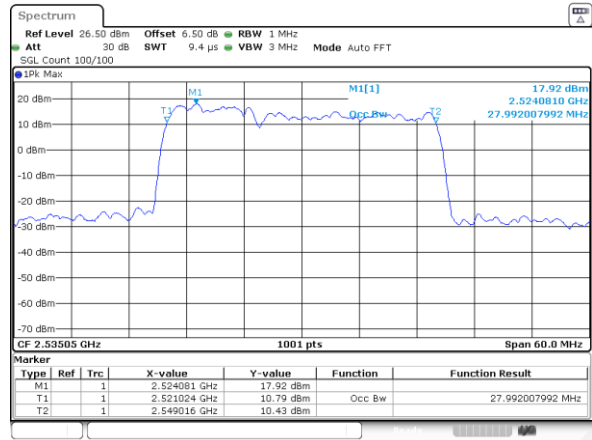


LTE Band 7

Middle Channel / 10MHz+20MHz / QPSK

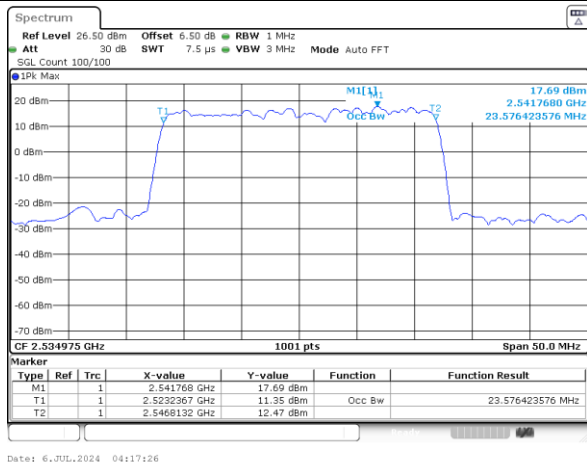


Middle Channel / 10MHz+20MHz / 16QAM

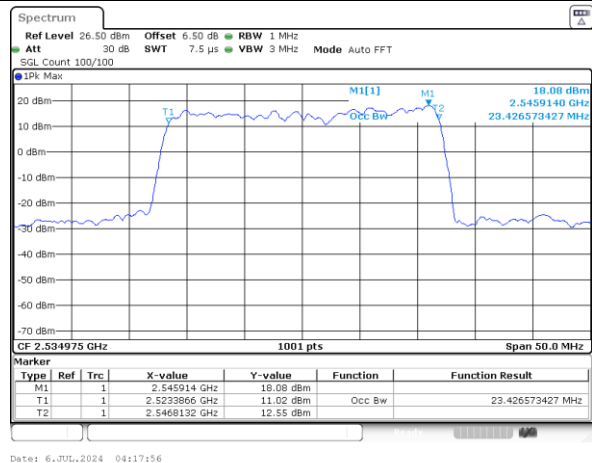


LTE Band 7

Middle Channel / 15MHz+10MHz / QPSK

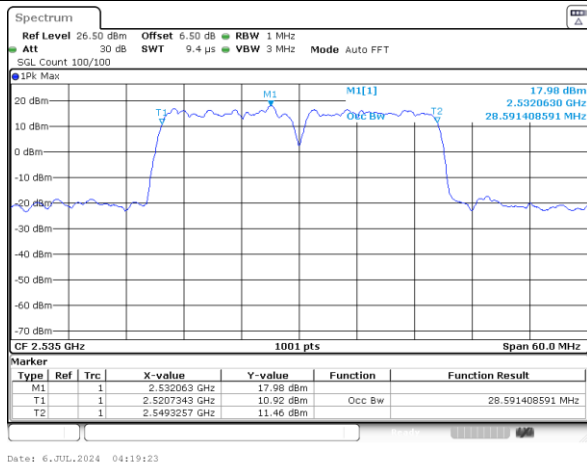


Middle Channel / 15MHz+10MHz / 16QAM

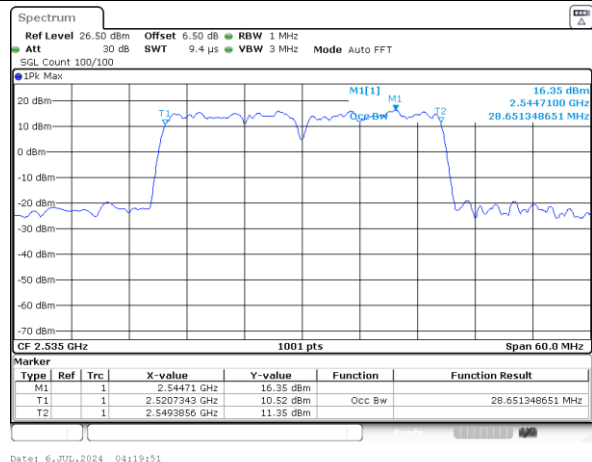


LTE Band 7

Middle Channel / 15MHz+15MHz / QPSK



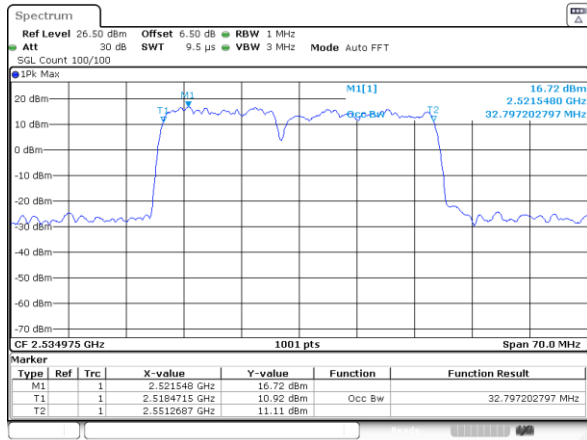
Middle Channel / 15MHz+15MHz / 16QAM



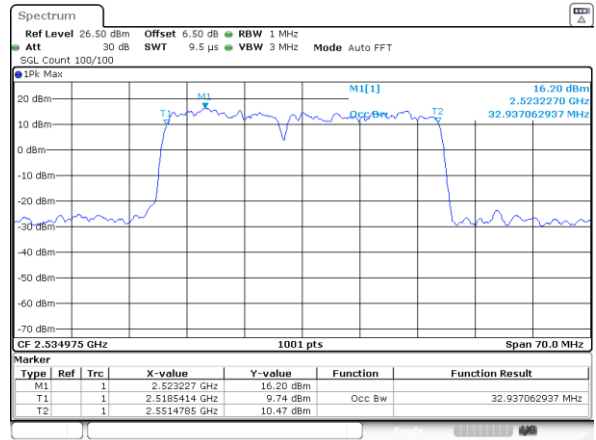


LTE Band 7

Middle Channel / 15MHz+20MHz / QPSK

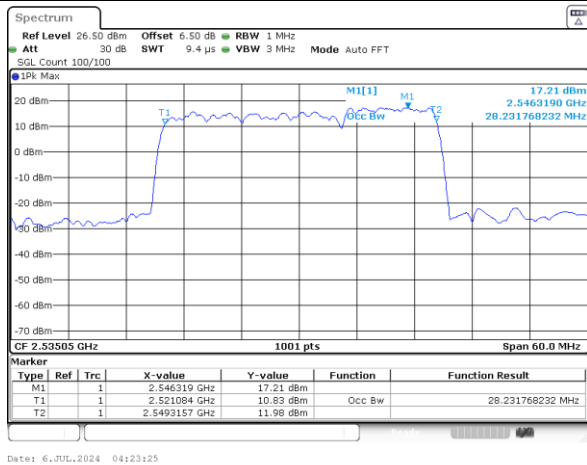


Middle Channel / 15MHz+20MHz / 16QAM

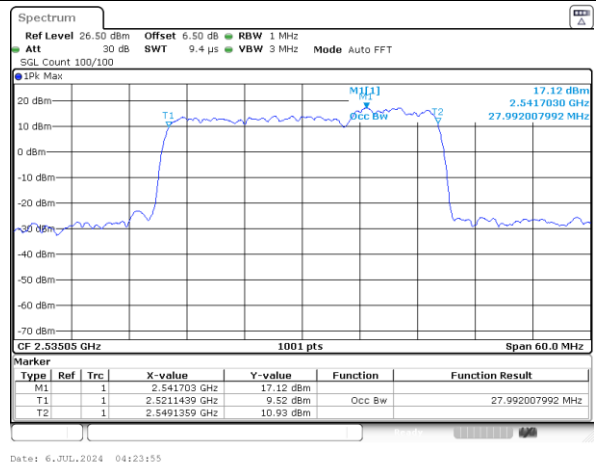


LTE Band 7

Middle Channel / 20MHz+10MHz / QPSK

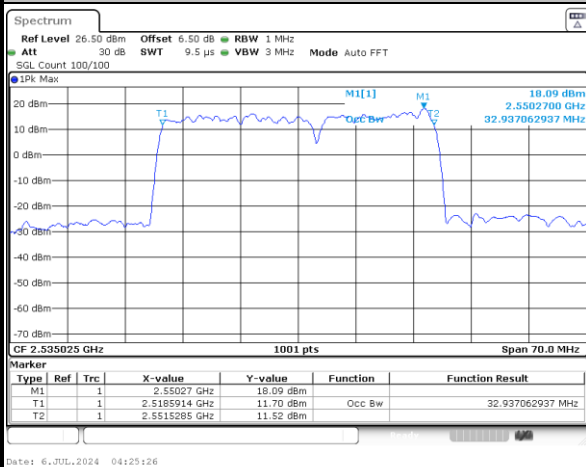


Middle Channel / 20MHz+10MHz / 16QAM

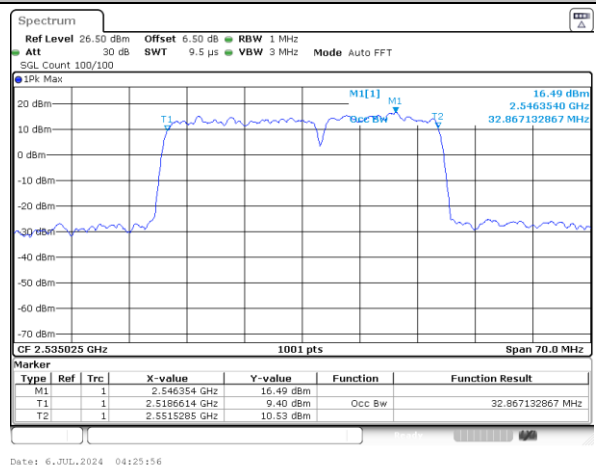


LTE Band 7

Middle Channel / 20MHz+15MHz / QPSK



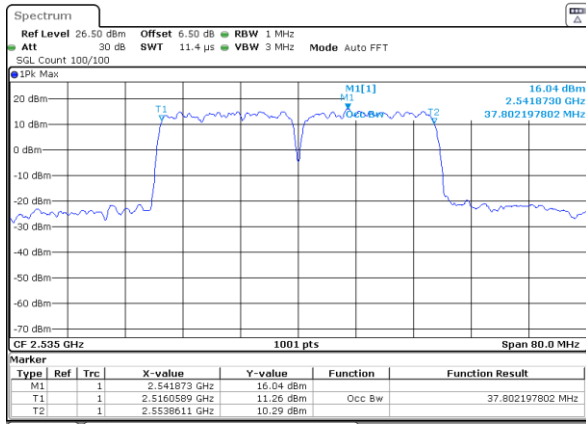
Middle Channel / 20MHz+15MHz / 16QAM





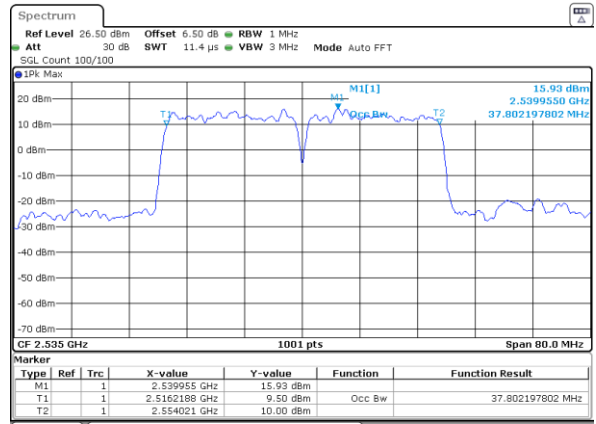
LTE Band 7

Middle Channel / 20MHz+20MHz / QPSK



Date: 6.JUL.2024 04:27:23

Middle Channel / 20MHz+20MHz / 16QAM



Date: 6.JUL.2024 04:27:51

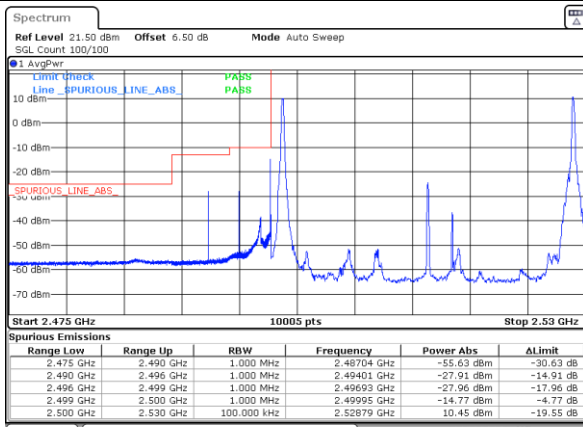


Conducted Band Edge

LTE Band 7 / 10MHz+20MHz

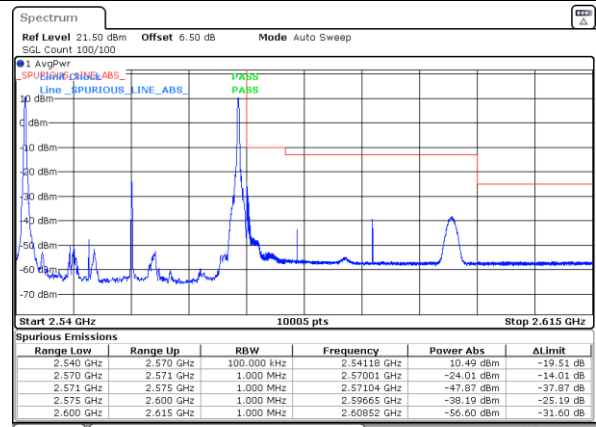
QPSK

Lowest Band Edge / 1RB0 and 1RB99



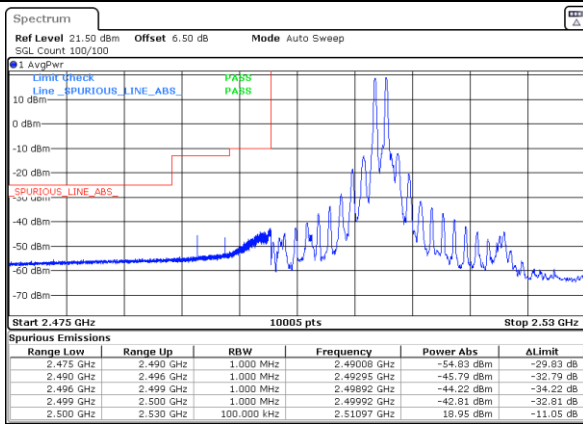
Date: 6.JUL.2024 00:31:08

Highest Band Edge / 1RB0 and 1RB99



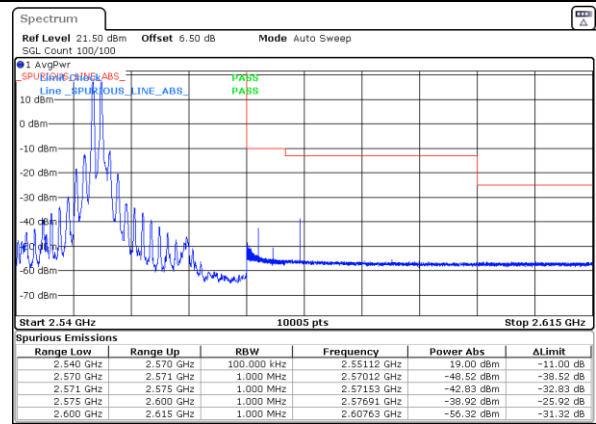
Date: 6.JUL.2024 00:47:14

Lowest Band Edge / 1RB49 and 1RB0



Date: 6.JUL.2024 00:35:26

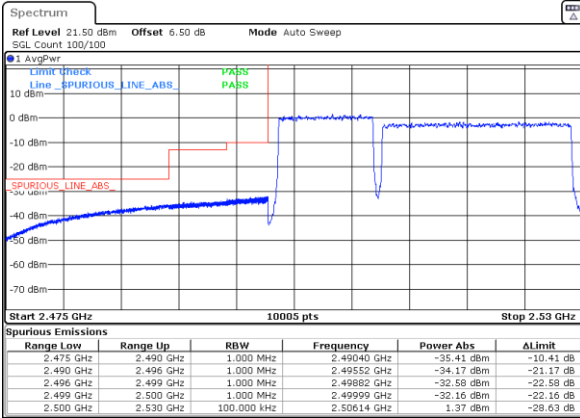
Highest Band Edge / 1RB49 and 1RB0



Date: 6.JUL.2024 00:51:23

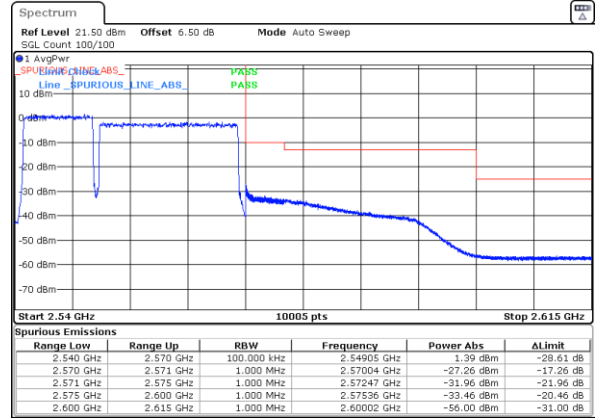


Lowest Band Edge / Full RB



Date: 6_JUL_2024 00:39:38

Highest Band Edge / Full RB



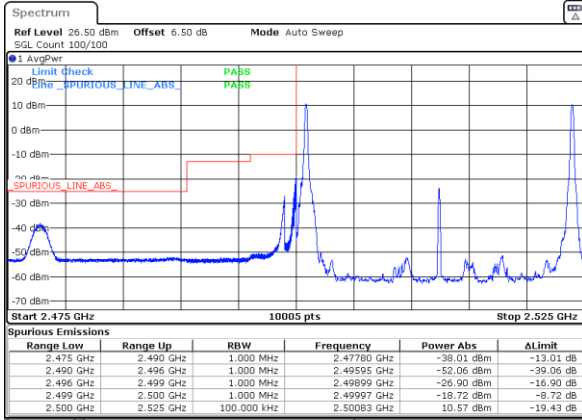
Date: 6_JUL_2024 00:55:32



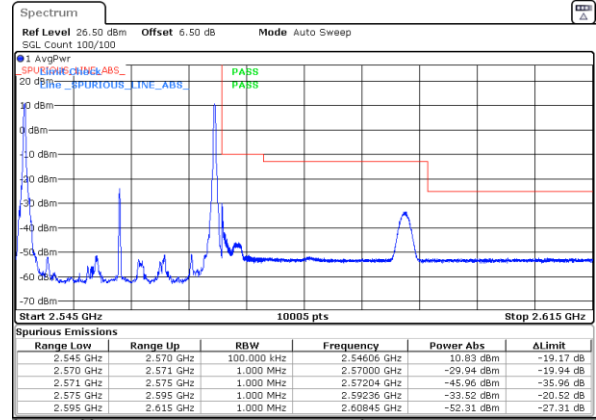
LTE Band 7 / 15MHz+10MHz

QPSK

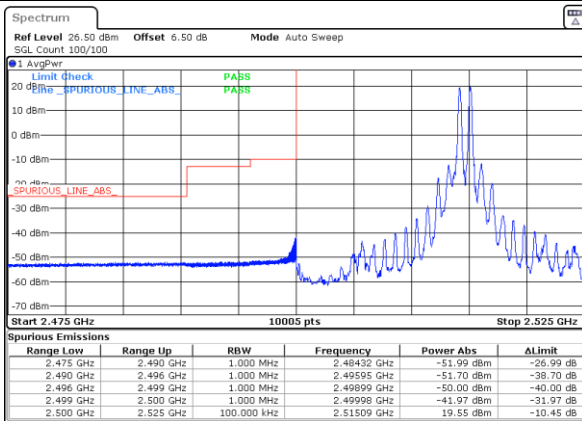
Lowest Band Edge / 1RB0 and 1RB49



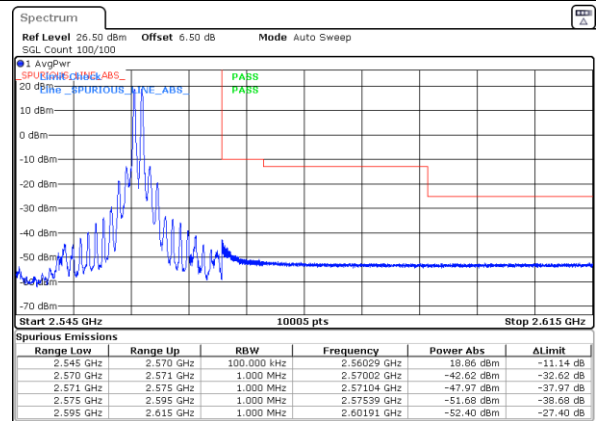
Highest Band Edge / 1RB0 and 1RB49



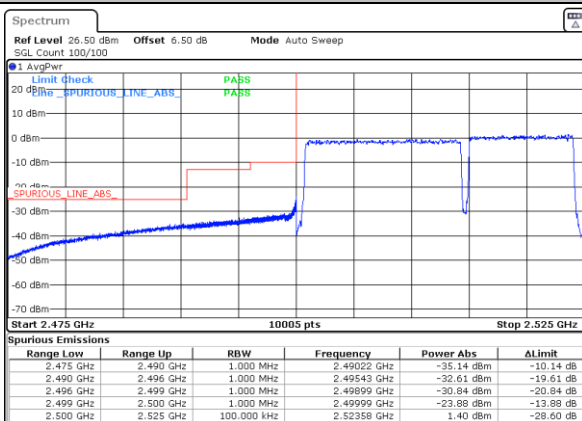
Lowest Band Edge / 1RB74 and 1RB0



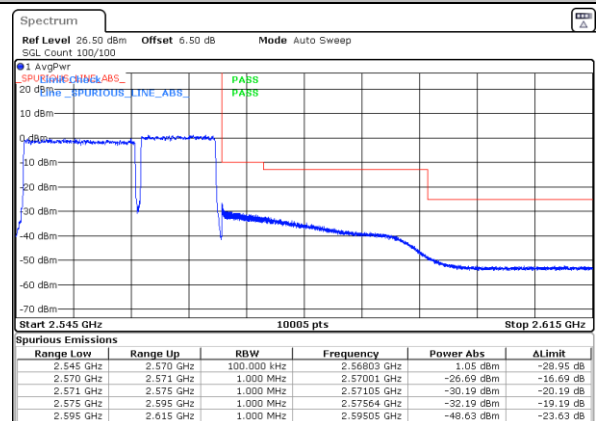
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

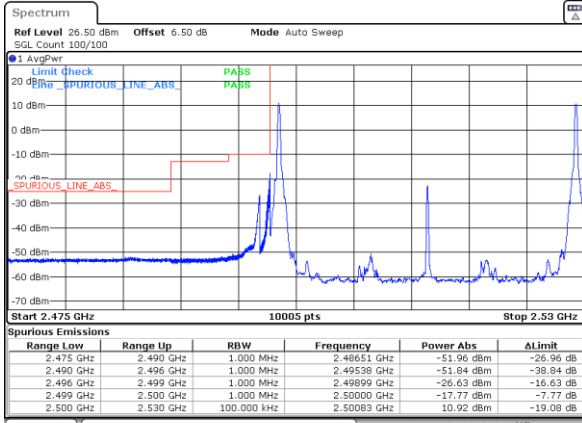




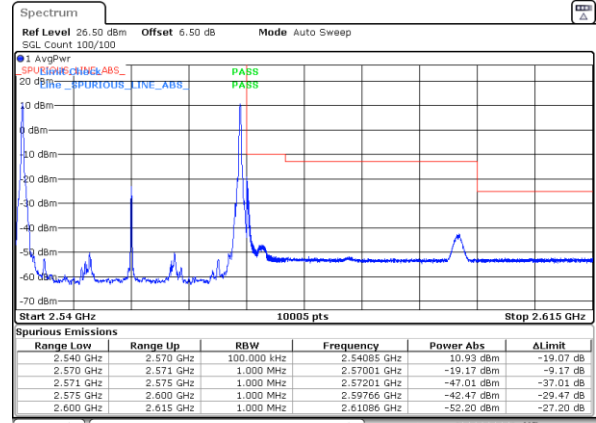
LTE Band 7 / 15MHz+15MHz

QPSK

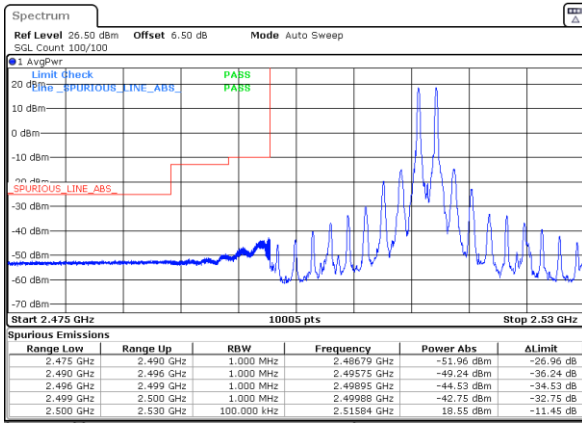
Lowest Band Edge / 1RB0 and 1RB74



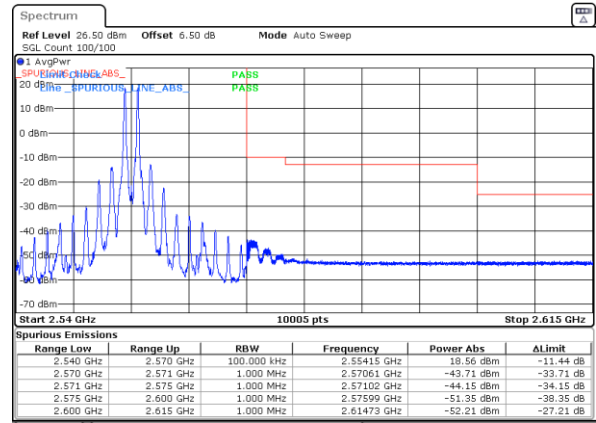
Highest Band Edge / 1RB0 and 1RB74



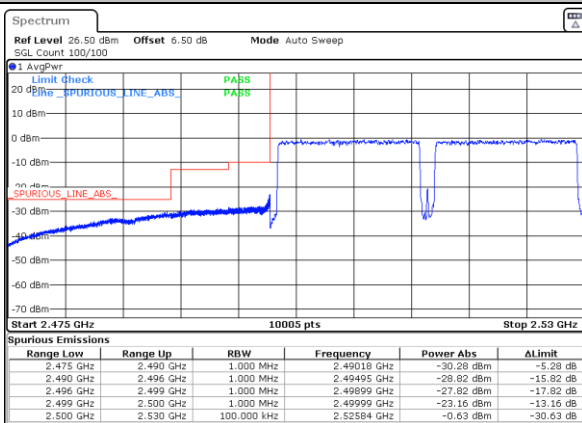
Lowest Band Edge / 1RB74 and 1RB0



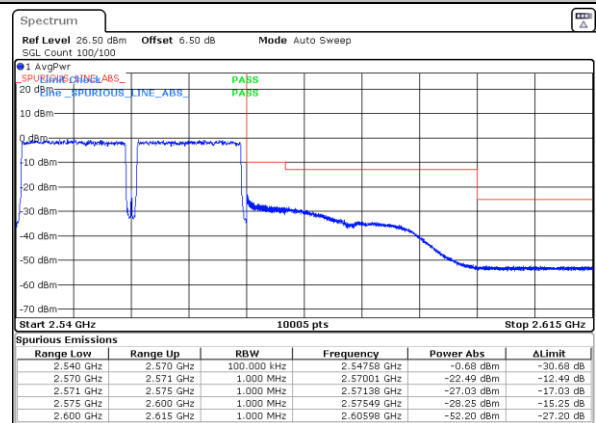
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

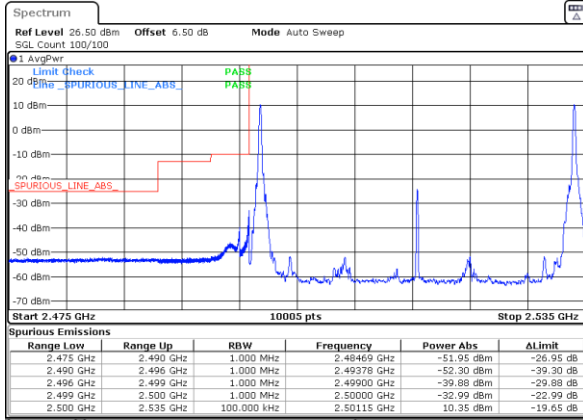




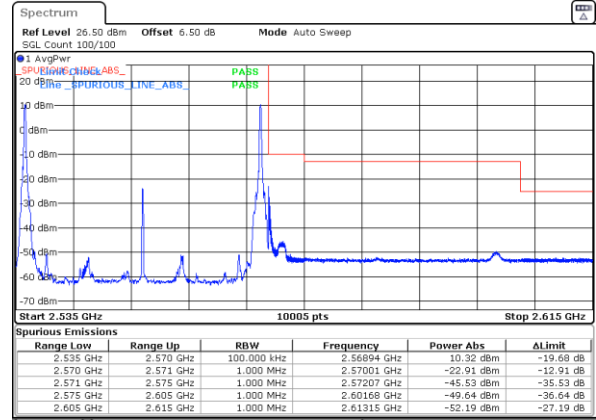
LTE Band 7 / 15MHz+20MHz

QPSK

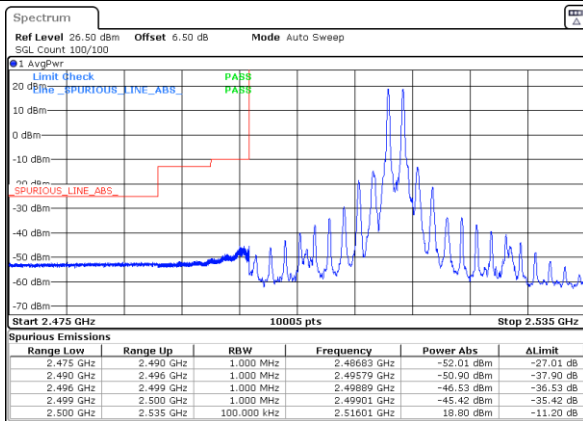
Lowest Band Edge / 1RB0 and 1RB99



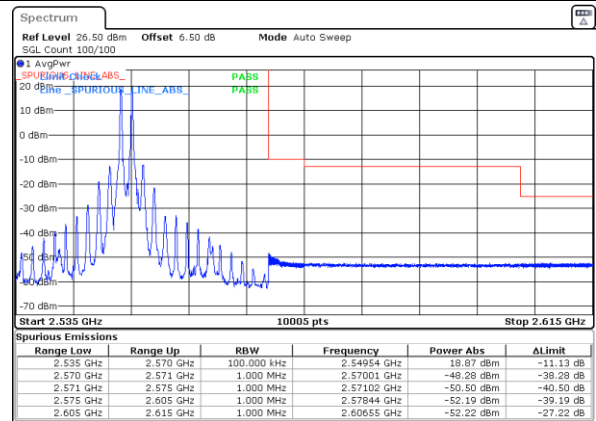
Highest Band Edge / 1RB0 and 1RB99



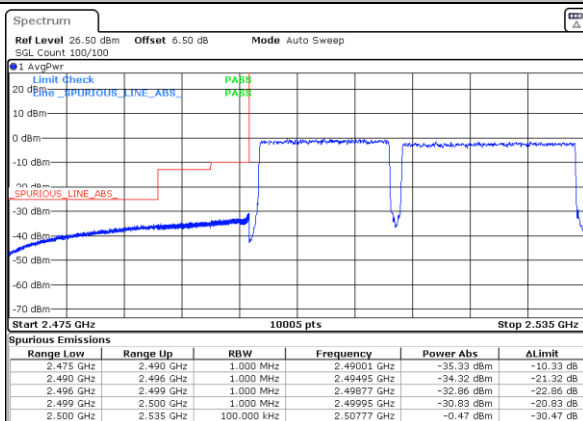
Lowest Band Edge / 1RB74 and 1RB0



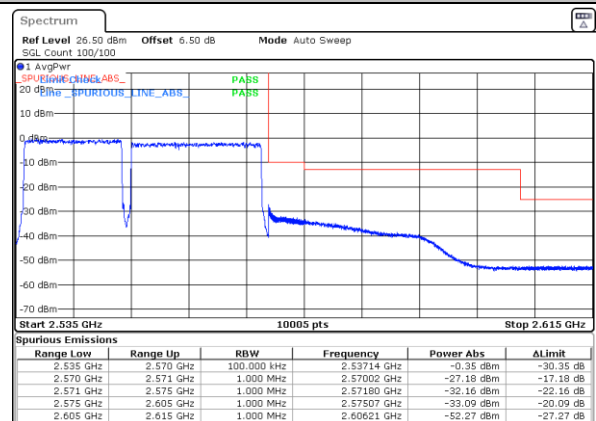
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

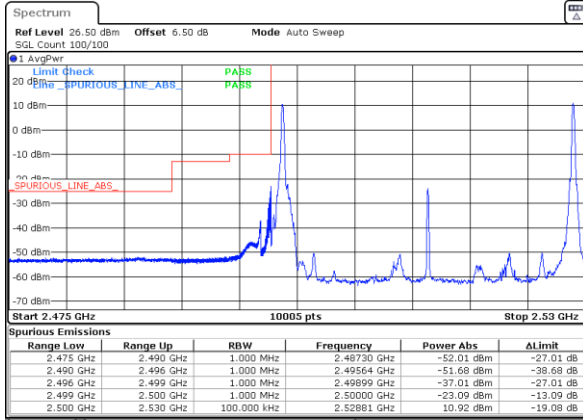




LTE Band 7 / 20MHz+10MHz

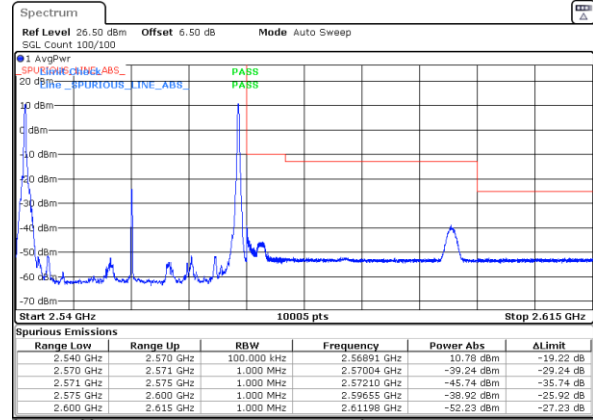
QPSK

Lowest Band Edge / 1RB0 and 1RB74



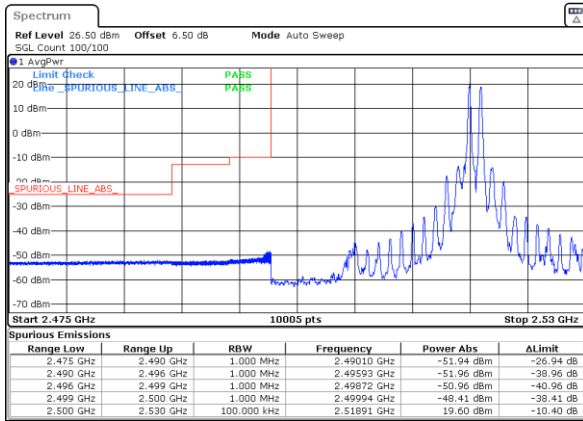
Date: 6.JUL.2024 02:31:11

Highest Band Edge / 1RB0 and 1RB74



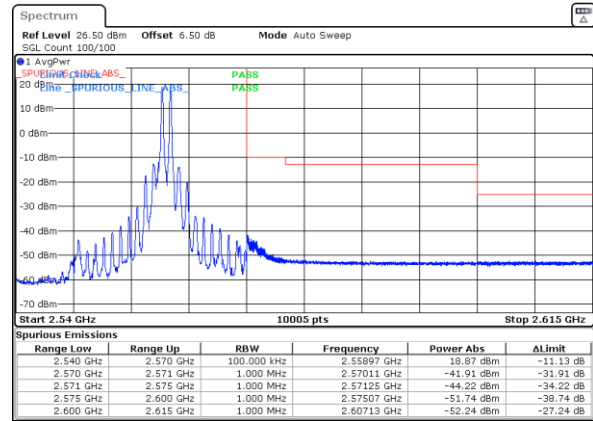
Date: 6.JUL.2024 02:47:08

Lowest Band Edge / 1RB99 and 1RB0



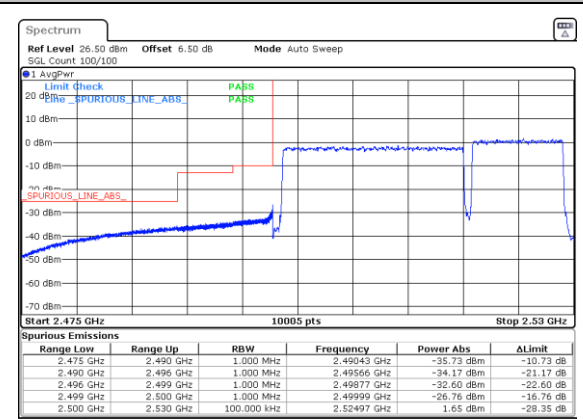
Date: 6.JUL.2024 02:35:21

Highest Band Edge / 1RB99 and 1RB0



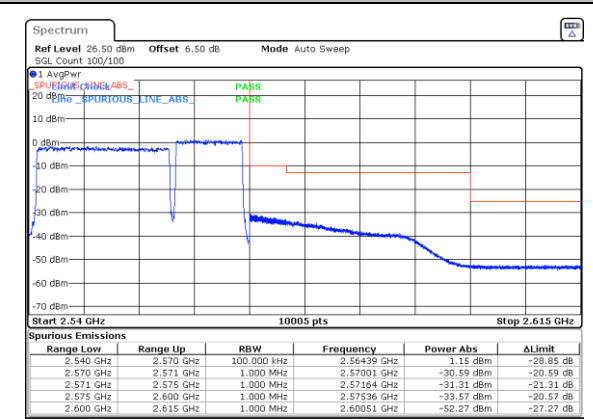
Date: 6.JUL.2024 02:51:16

Lowest Band Edge / Full RB



Date: 6.JUL.2024 02:35:19

Highest Band Edge / Full RB



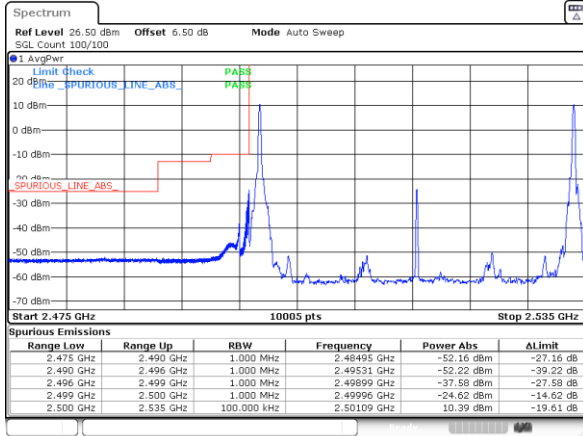
Date: 6.JUL.2024 02:51:14



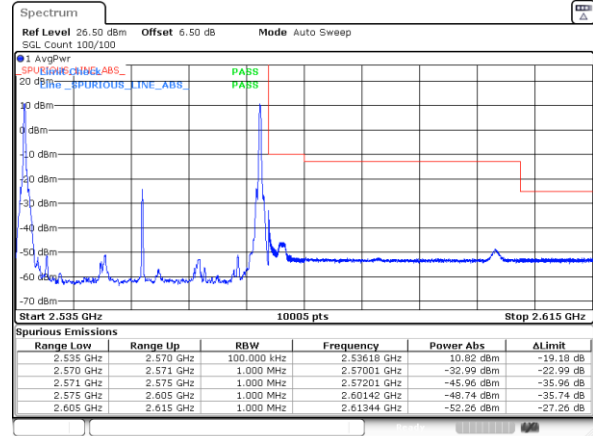
LTE Band 7 / 20MHz+15MHz

QPSK

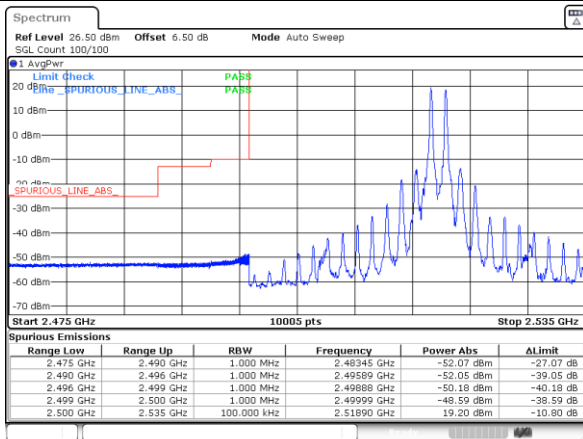
Lowest Band Edge / 1RB0 and 1RB74



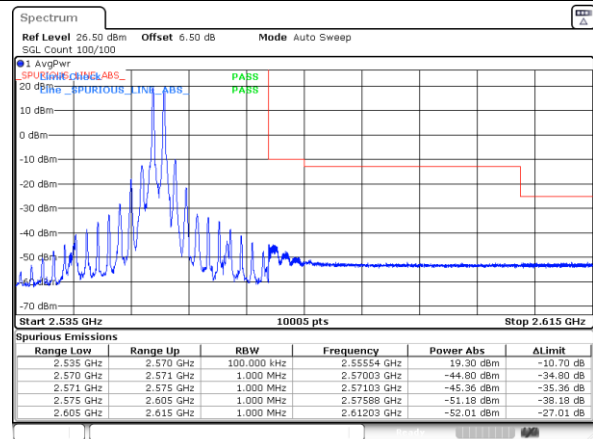
Highest Band Edge / 1RB0 and 1RB74



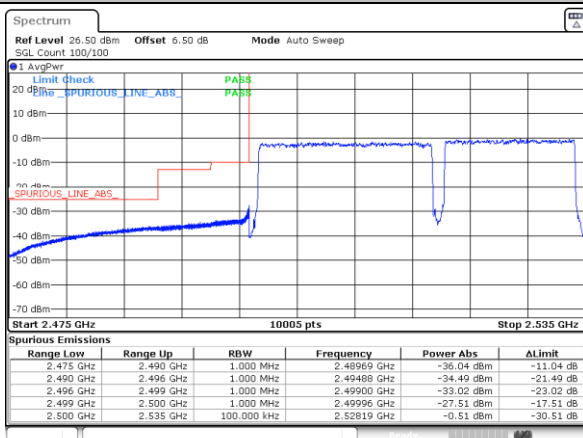
Lowest Band Edge / 1RB99 and 1RB0



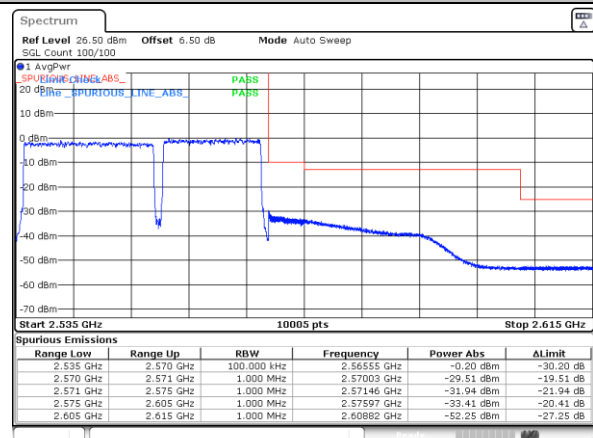
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

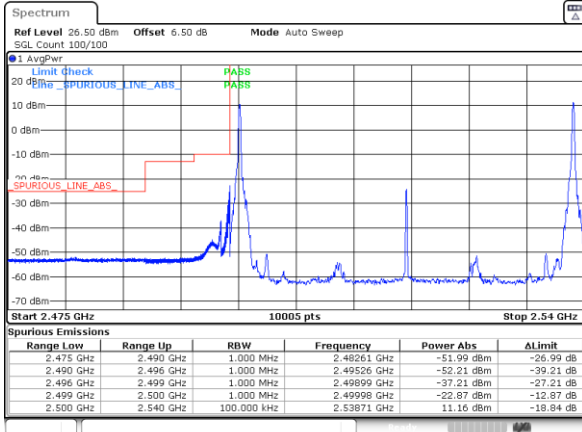




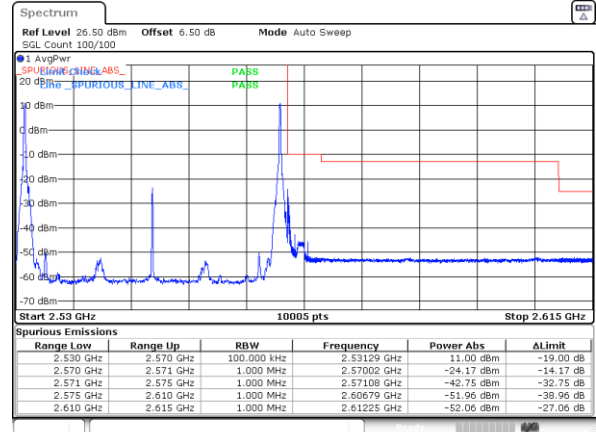
LTE Band 7 / 20MHz+20MHz

QPSK

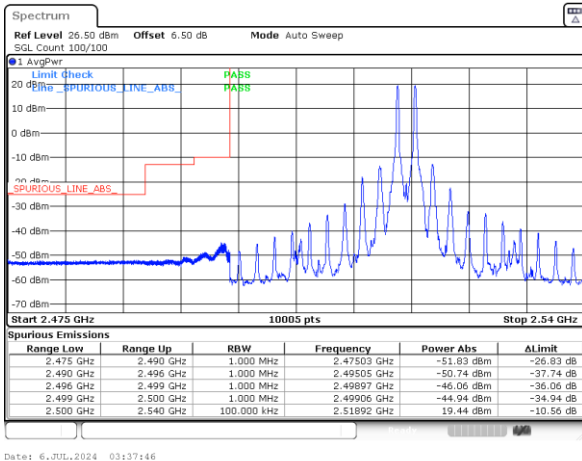
Lowest Band Edge / 1RB0 and 1RB99



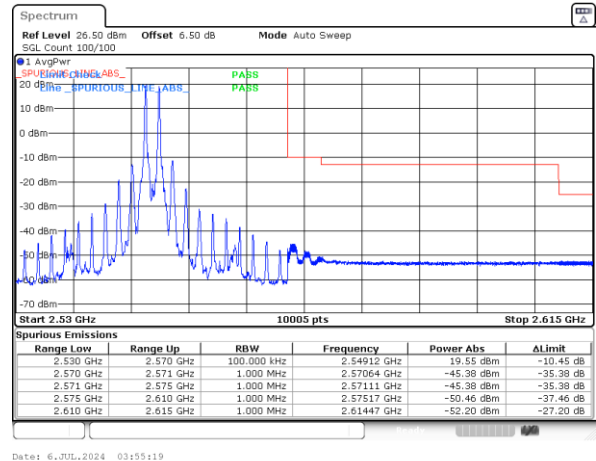
Highest Band Edge / 1RB0 and 1RB99



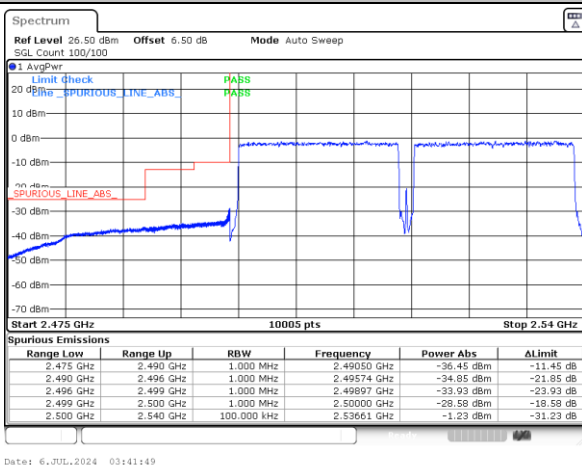
Lowest Band Edge / 1RB99 and 1RB0



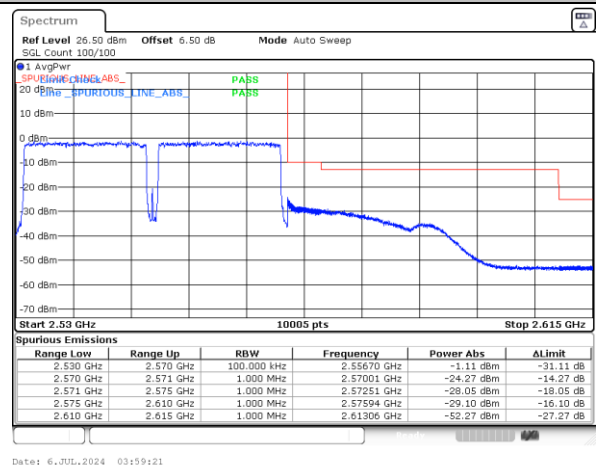
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

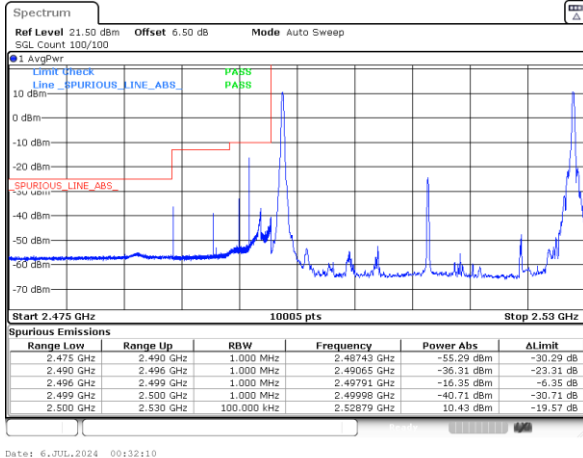




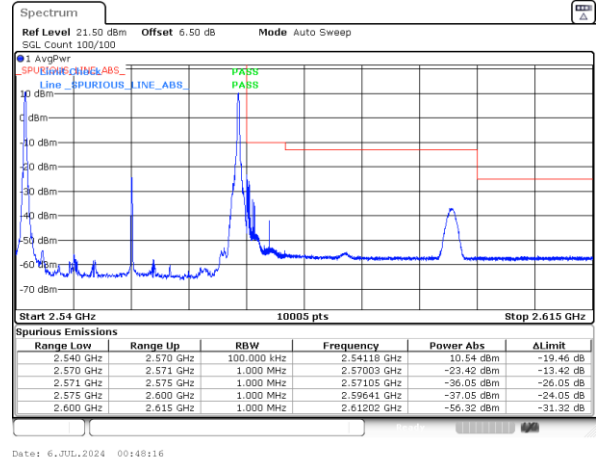
LTE Band 7 / 10MHz+20MHz

16QAM

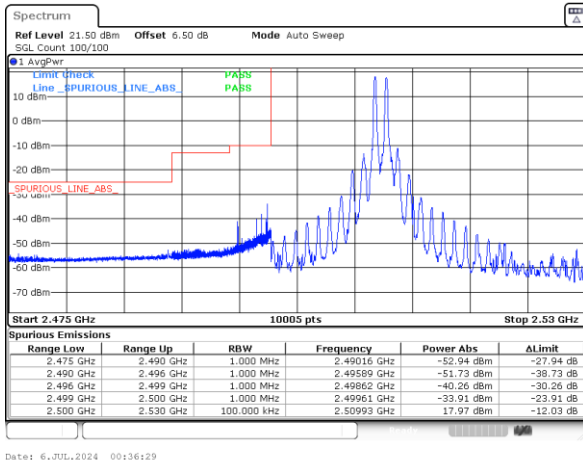
Lowest Band Edge / 1RB0 and 1RB99



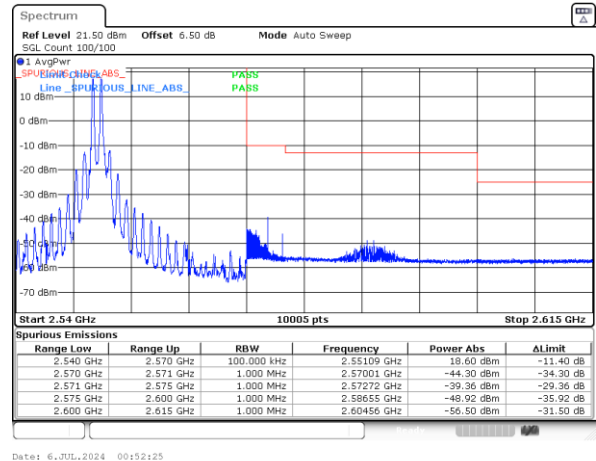
Highest Band Edge / 1RB0 and 1RB99



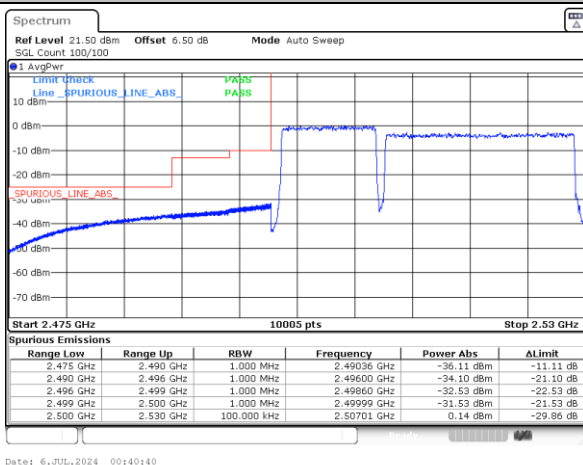
Lowest Band Edge / 1RB49 and 1RB0



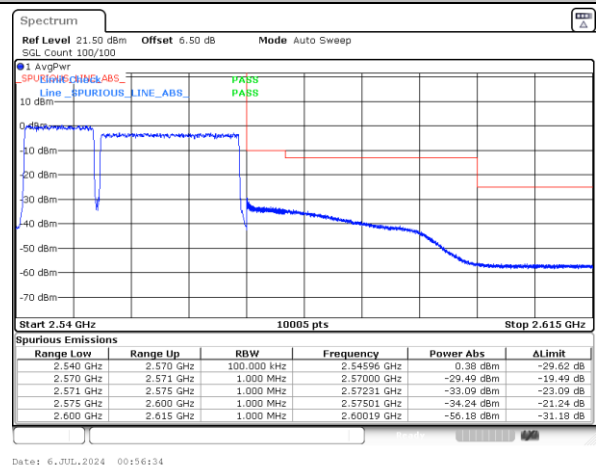
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

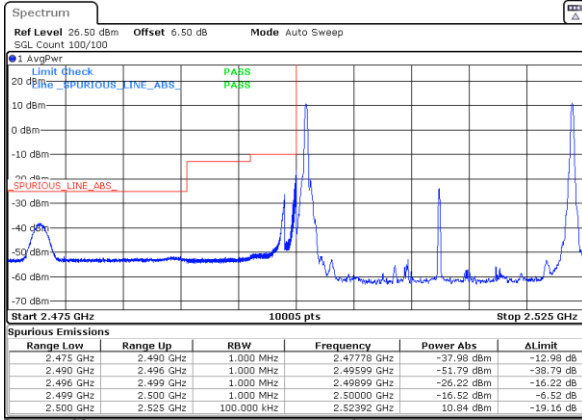




LTE Band 7 / 15MHz+10MHz

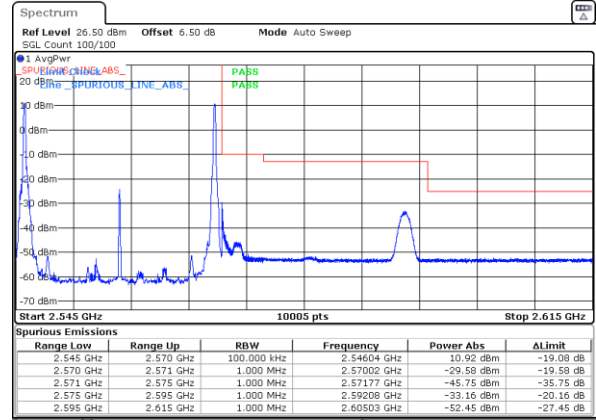
16QAM

Lowest Band Edge / 1RB0 and 1RB49



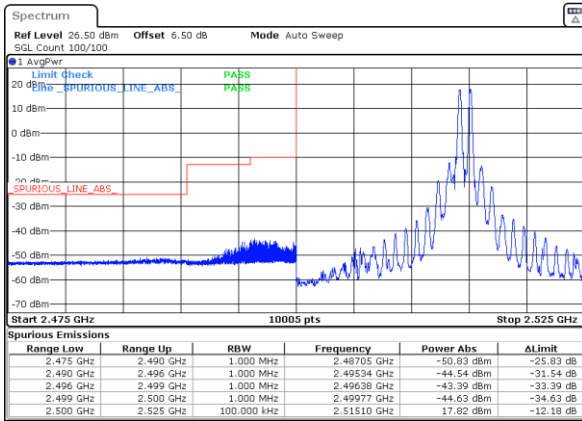
Date: 6.JUL.2024 01:02:10

Highest Band Edge / 1RB0 and 1RB49



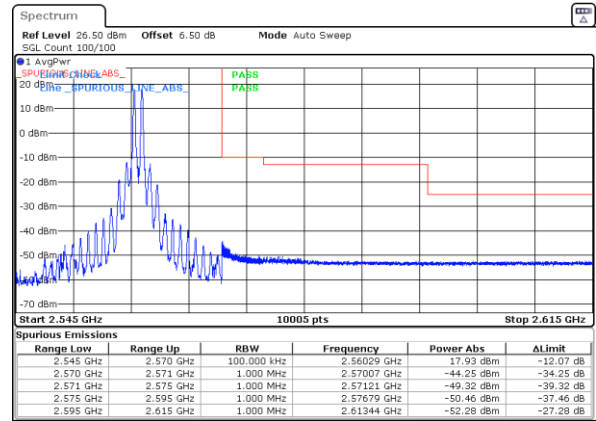
Date: 6.JUL.2024 01:18:20

Lowest Band Edge / 1RB74 and 1RB0



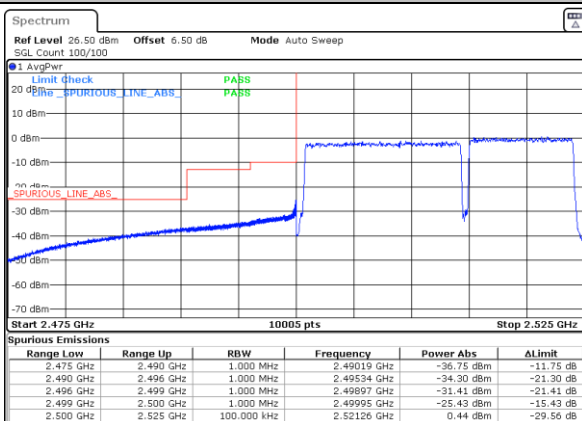
Date: 6.JUL.2024 01:06:41

Highest Band Edge / 1RB74 and 1RB0



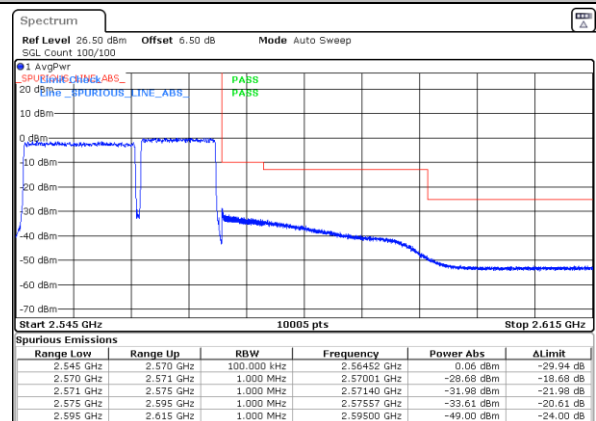
Date: 6.JUL.2024 01:22:38

Lowest Band Edge / Full RB



Date: 6.JUL.2024 01:10:53

Highest Band Edge / Full RB



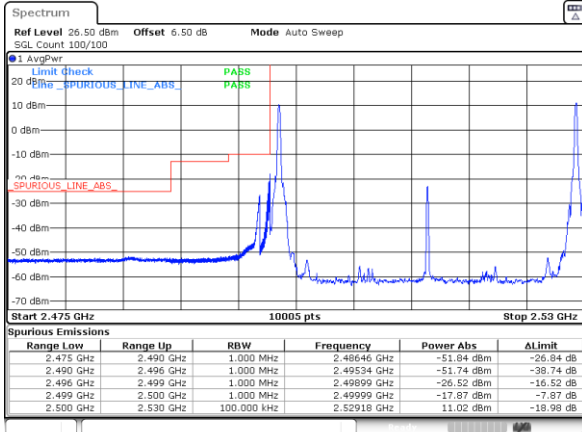
Date: 6.JUL.2024 01:26:48



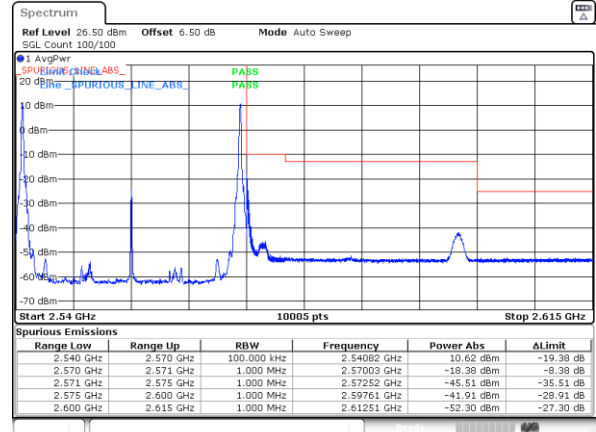
LTE Band 7 / 15MHz+15MHz

16QAM

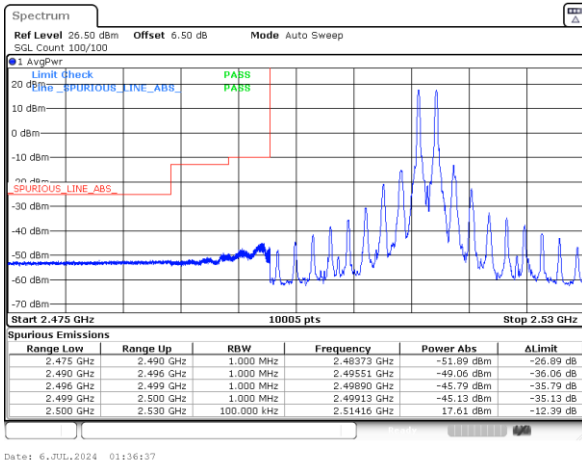
Lowest Band Edge / 1RB0 and 1RB74



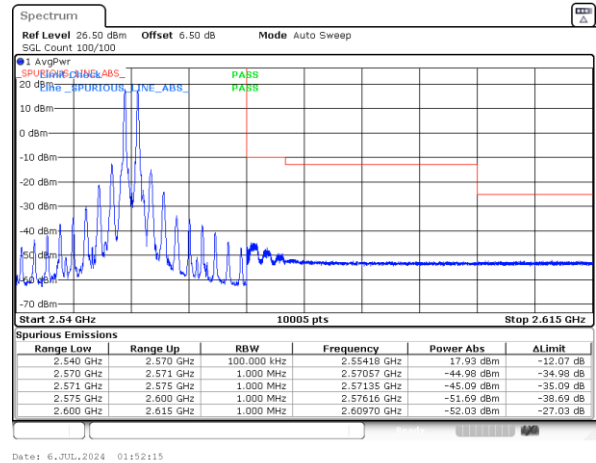
Highest Band Edge / 1RB0 and 1RB74



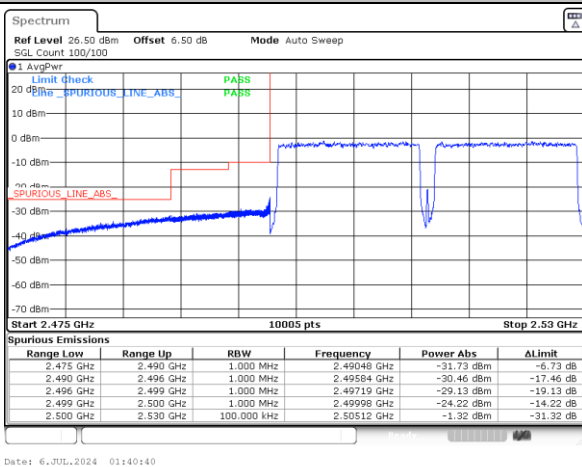
Lowest Band Edge / 1RB74 and 1RB0



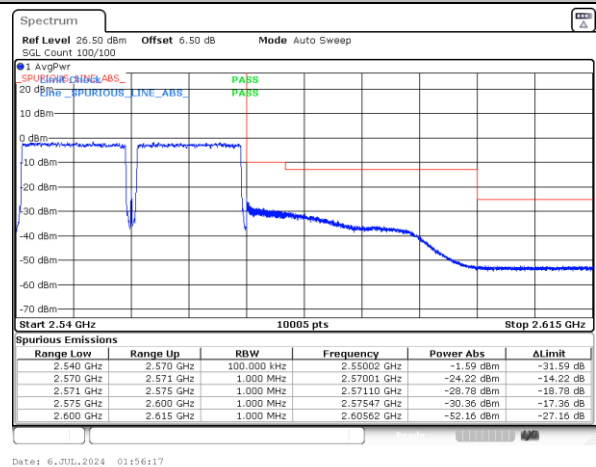
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

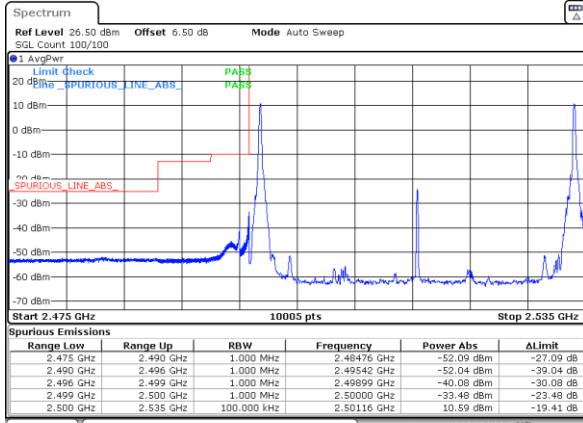




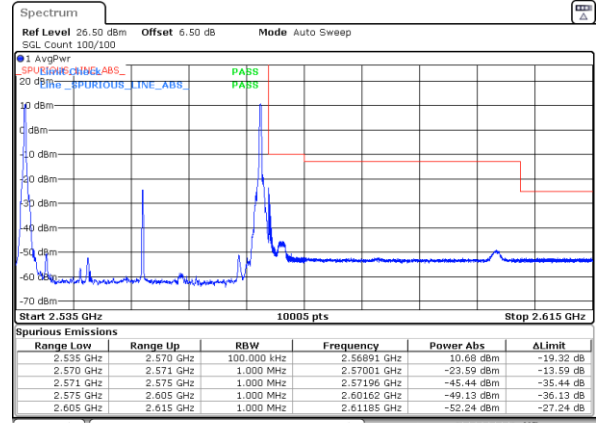
LTE Band 7 / 15MHz+20MHz

16QAM

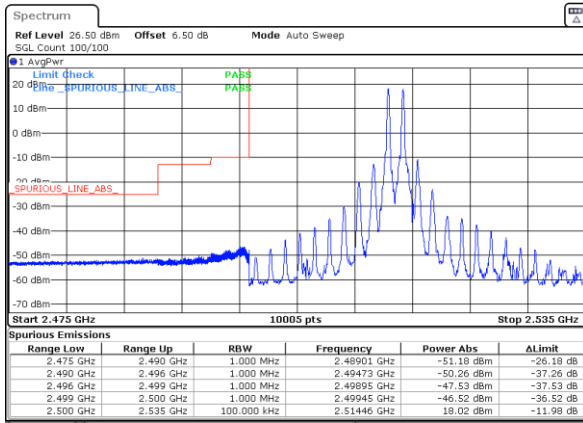
Lowest Band Edge / 1RB0 and 1RB99



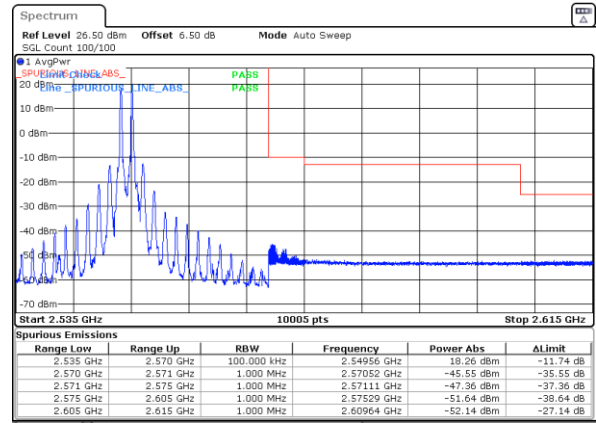
Highest Band Edge / 1RB0 and 1RB99



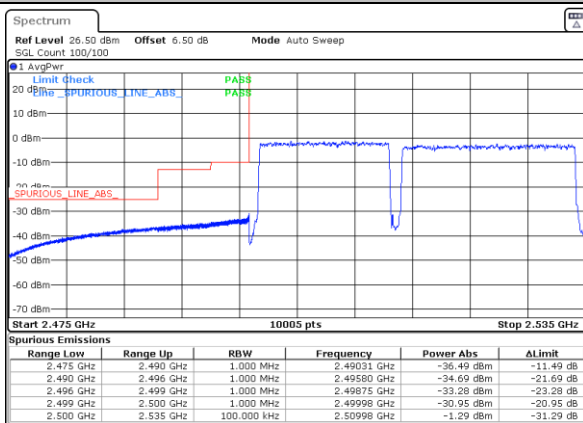
Lowest Band Edge / 1RB74 and 1RB0



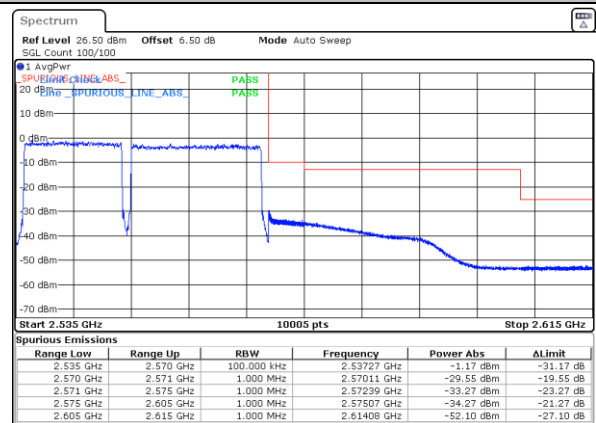
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

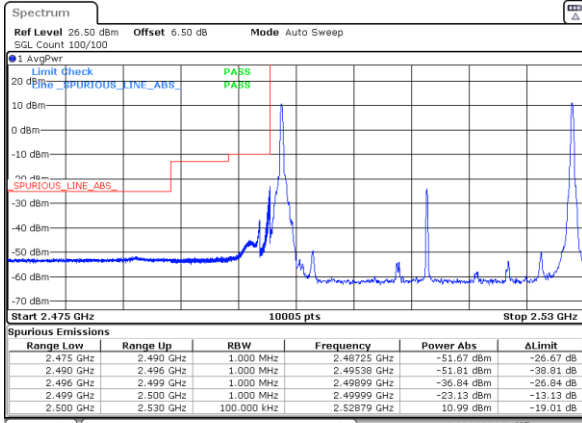




LTE Band 7 / 20MHz+10MHz

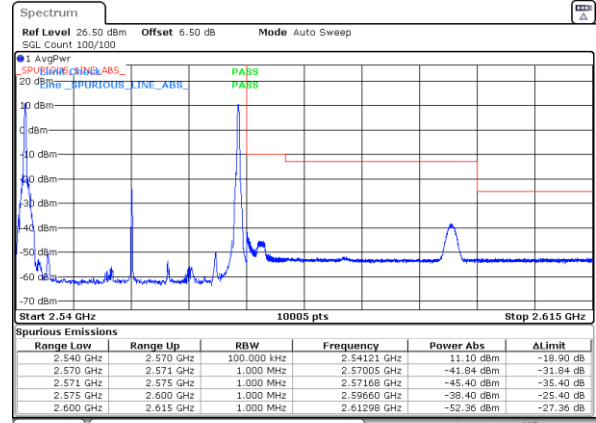
16QAM

Lowest Band Edge / 1RB0 and 1RB49



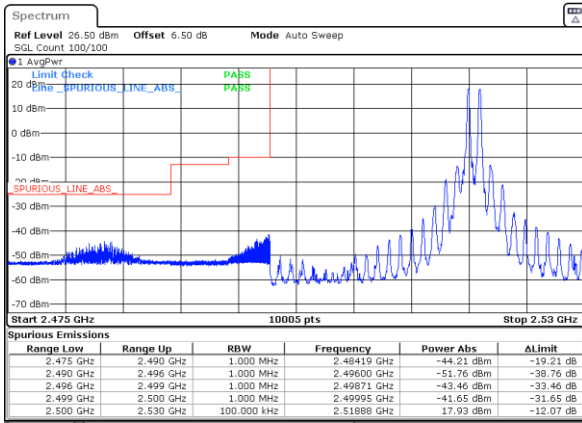
Date: 6.JUL.2024 02:13:14

Highest Band Edge / 1RB0 and 1RB49



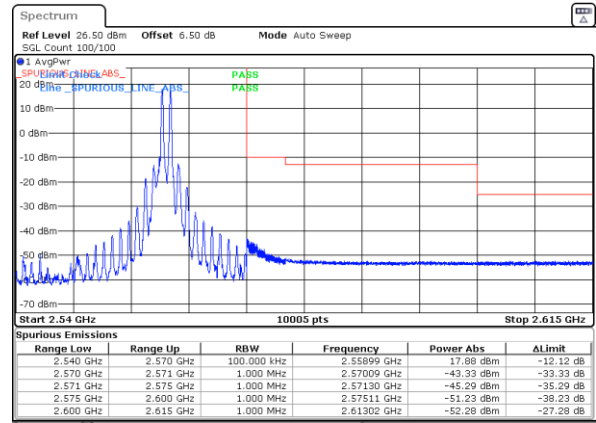
Date: 6.JUL.2024 02:14:09

Lowest Band Edge / 1RB99 and 1RB0



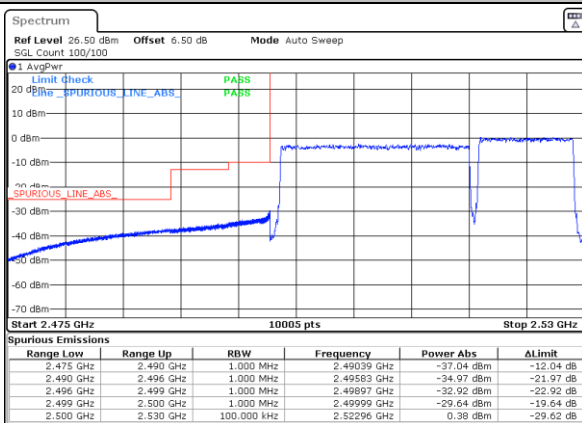
Date: 6.JUL.2024 02:16:24

Highest Band Edge / 1RB99 and 1RB0



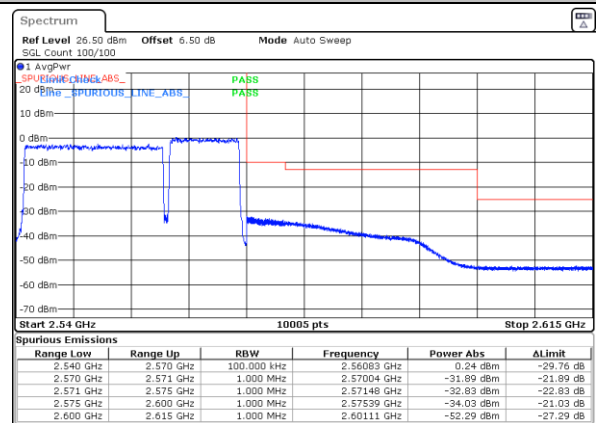
Date: 6.JUL.2024 02:16:18

Lowest Band Edge / Full RB



Date: 6.JUL.2024 02:40:35

Highest Band Edge / Full RB



Date: 6.JUL.2024 02:56:26