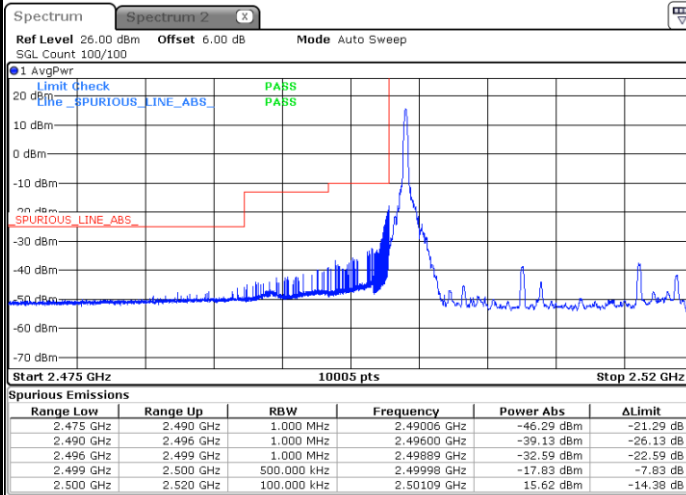


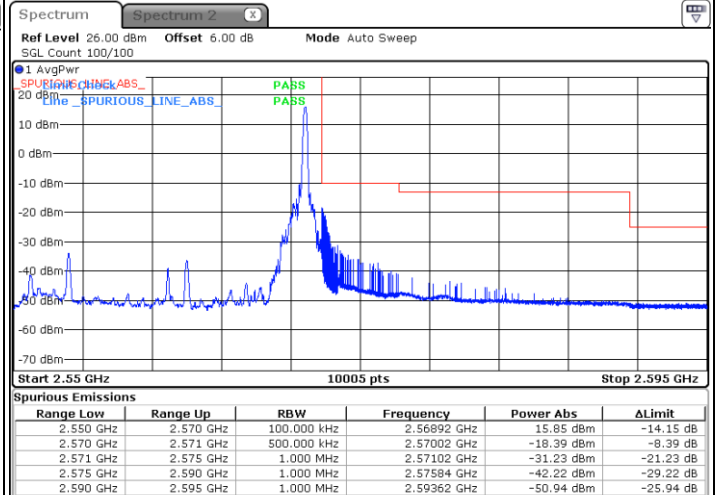


LTE Band 7 / 20MHz / 256QAM

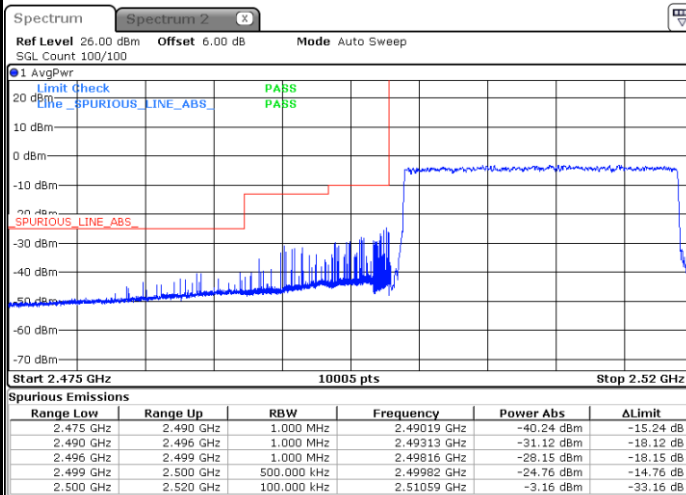
Lowest Band Edge / 1 RB



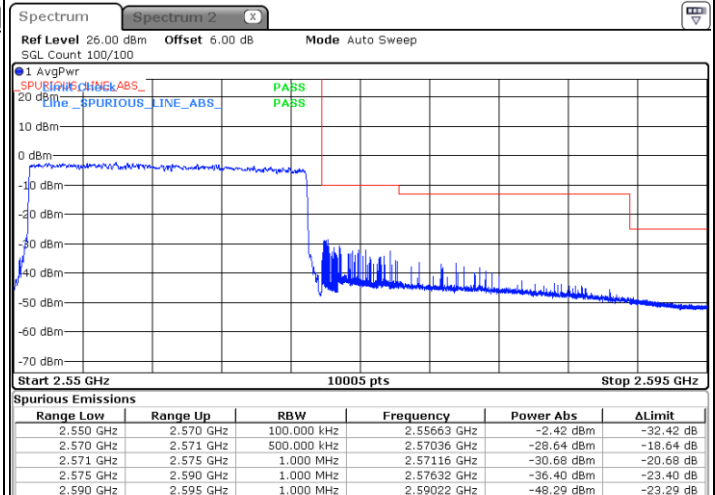
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

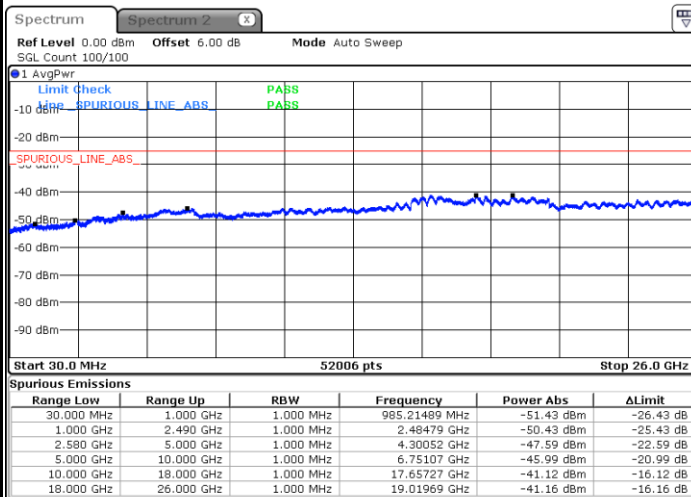




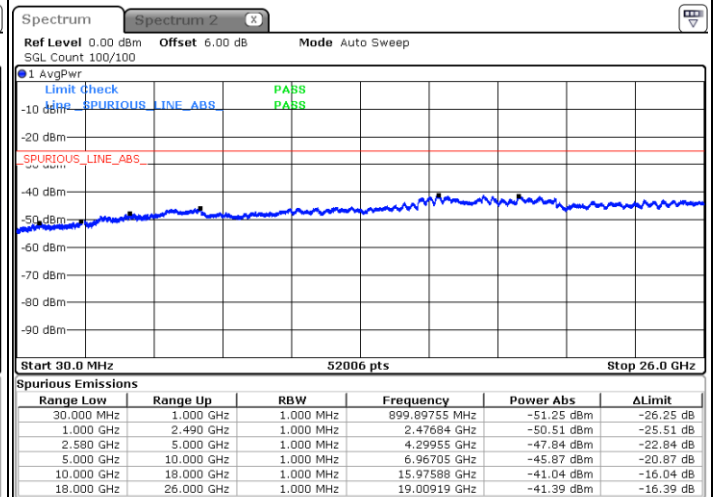
Conducted Spurious Emission

LTE Band 7 / 5MHz

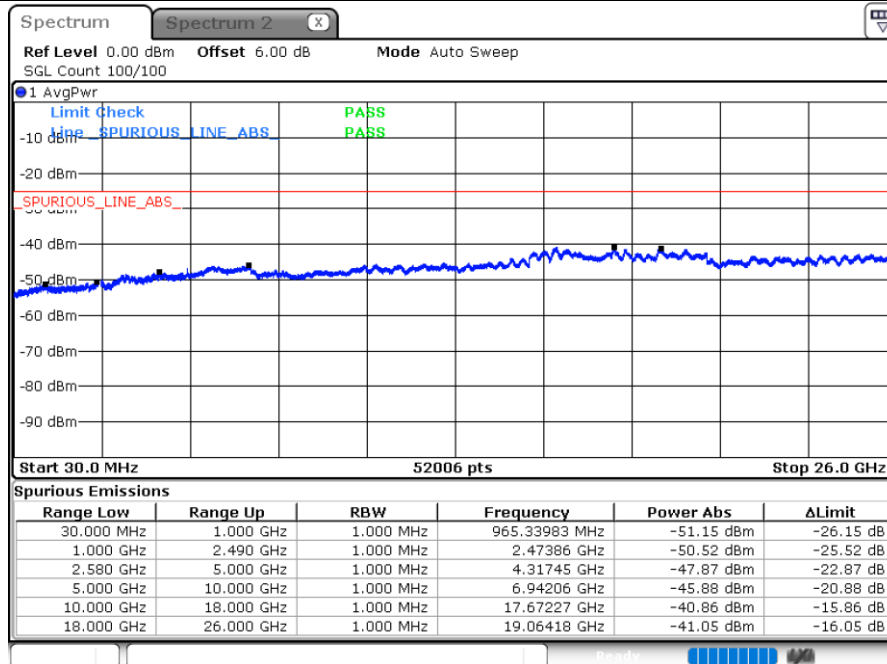
Lowest Channel / QPSK



Middle Channel / QPSK



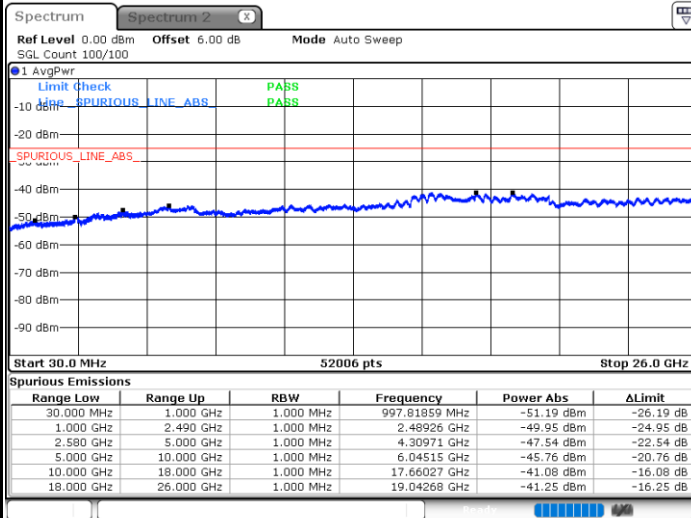
Highest Channel / QPSK



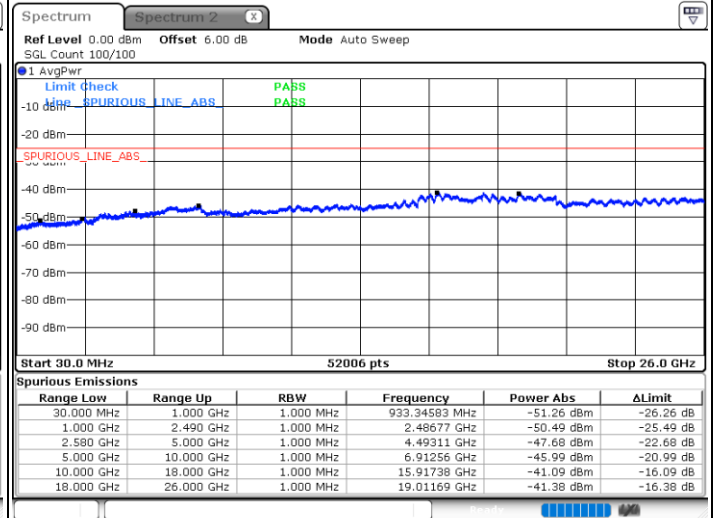


LTE Band 7 / 10MHz

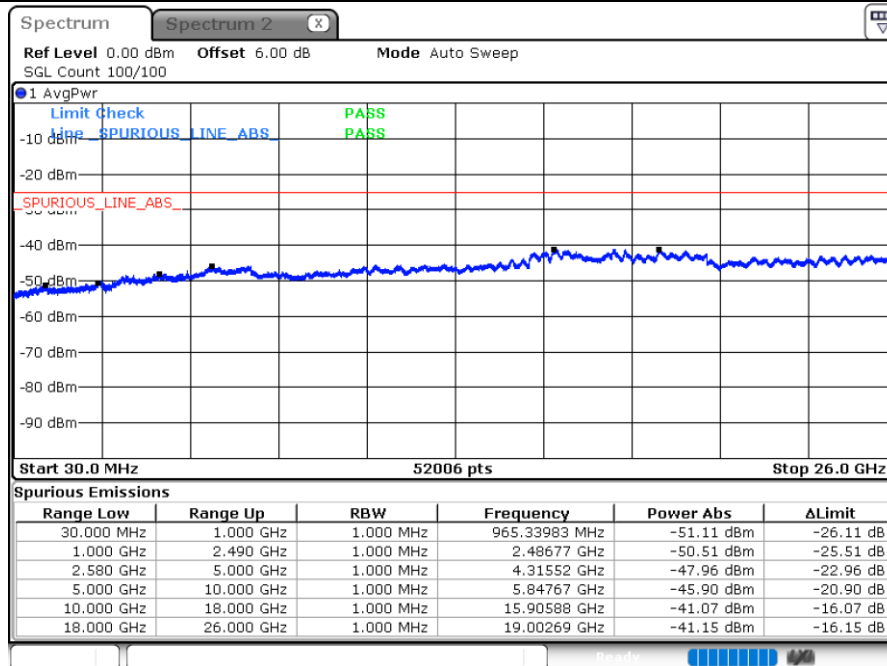
Lowest Channel / QPSK



Middle Channel / QPSK



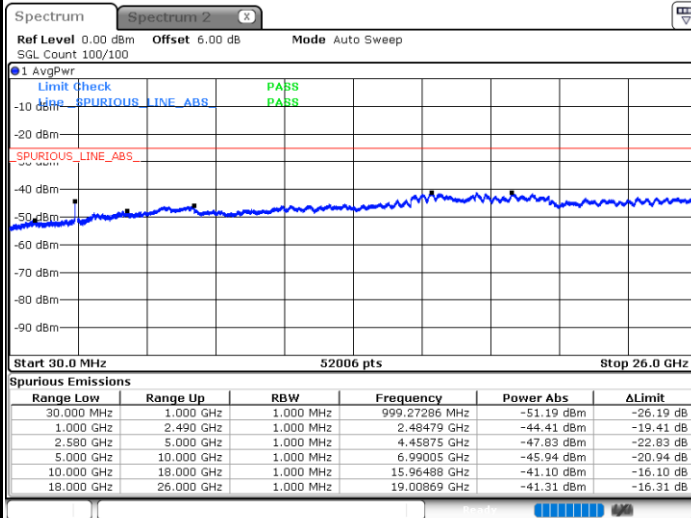
Highest Channel / QPSK



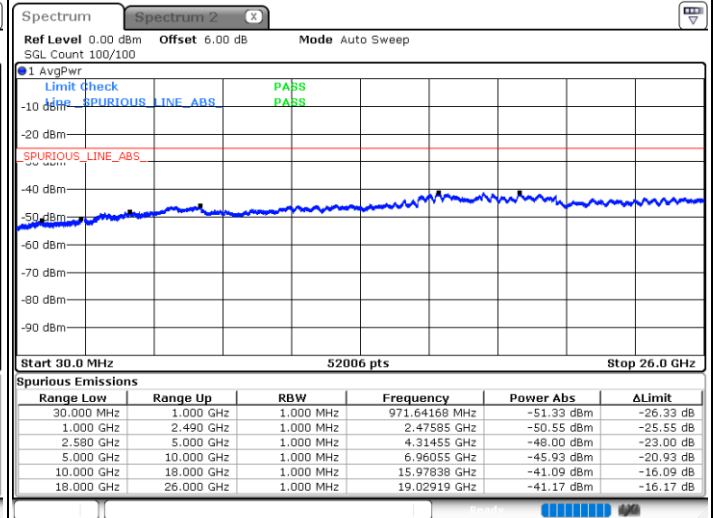


LTE Band 7 / 15MHz

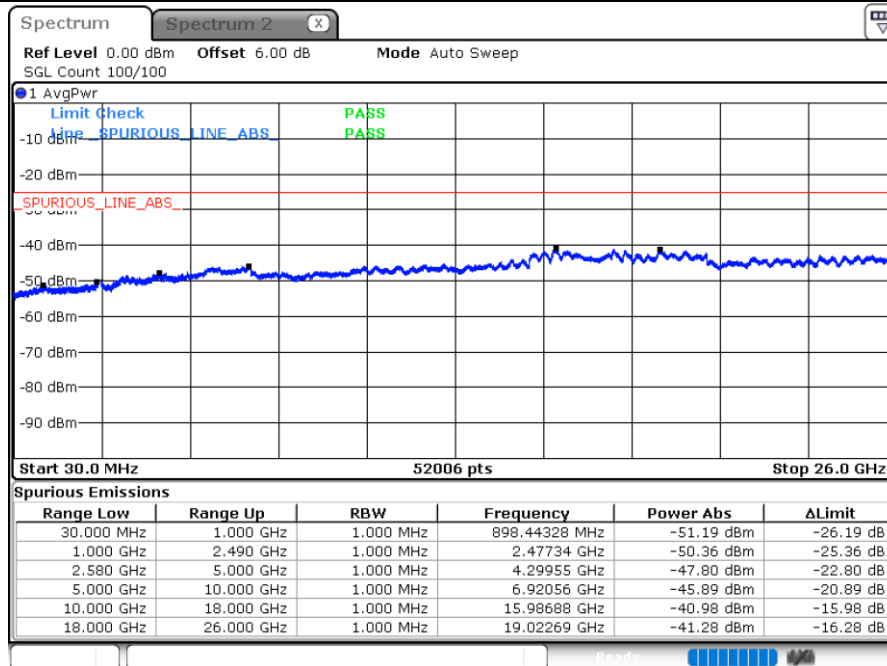
Lowest Channel / QPSK



Middle Channel / QPSK



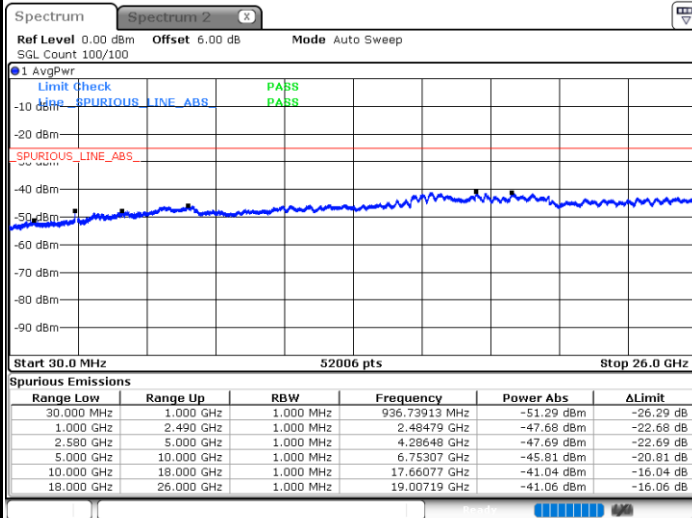
Highest Channel / QPSK



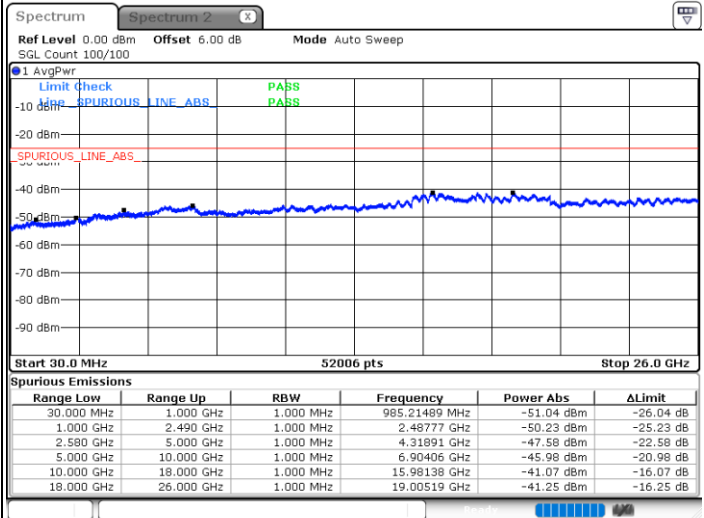


LTE Band 7 / 20MHz

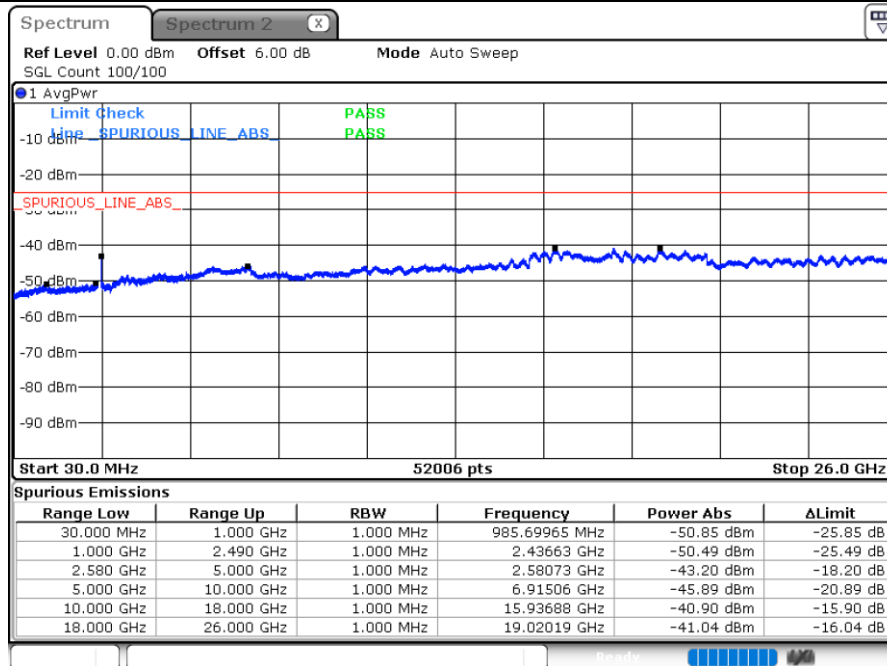
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK



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	0.0012	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0039	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0046	
0	Normal Voltage	0.0053	
-10	Normal Voltage	0.0062	
-20	Normal Voltage	0.0051	
-30	Normal Voltage	0.0035	
20	Maximum Voltage	0.0037	
20	Normal Voltage	0.0029	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band CA_7C

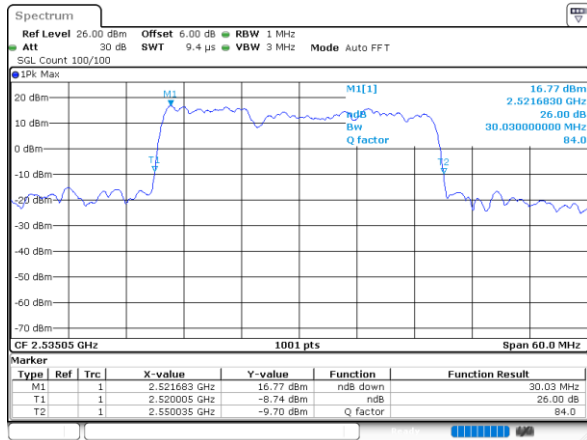
26dB Bandwidth

Mode	LTE Band 7c : 26dB BW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	30.03	29.91
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.28	25.33
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.81	30.63
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	34.97	35.18
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	29.97	30.03
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	34.97	35.04
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	40.12	39.96

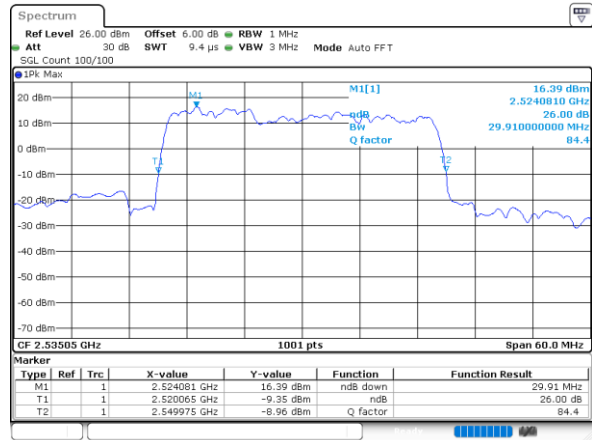


LTE Band 7

Middle Channel / 10MHz+20MHz / QPSK

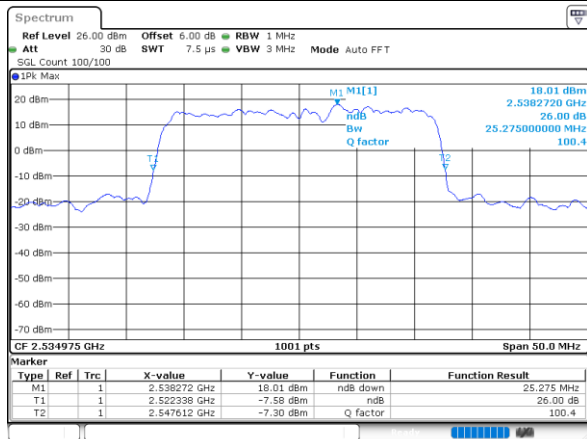


Middle Channel / 10MHz+20MHz / 16QAM

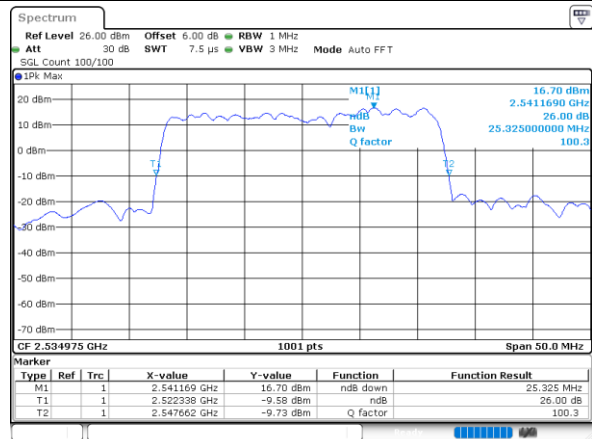


LTE Band 7

Middle Channel / 15MHz+10MHz / QPSK

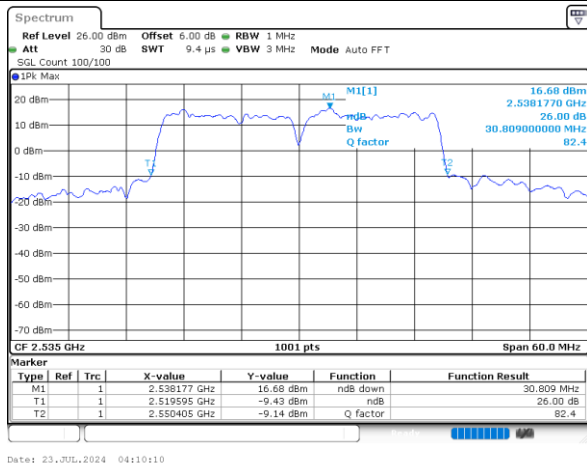


Middle Channel / 15MHz+10MHz / 16QAM

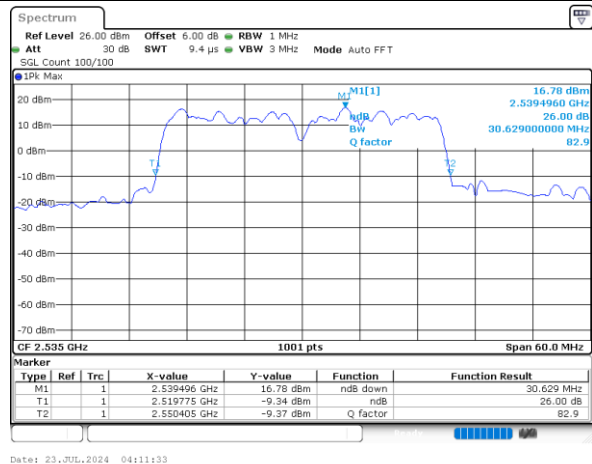


LTE Band 7

Middle Channel / 15MHz+15MHz / QPSK



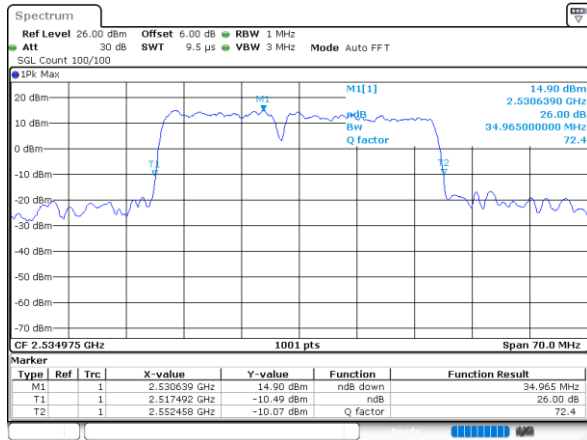
Middle Channel / 15MHz+15MHz / 16QAM



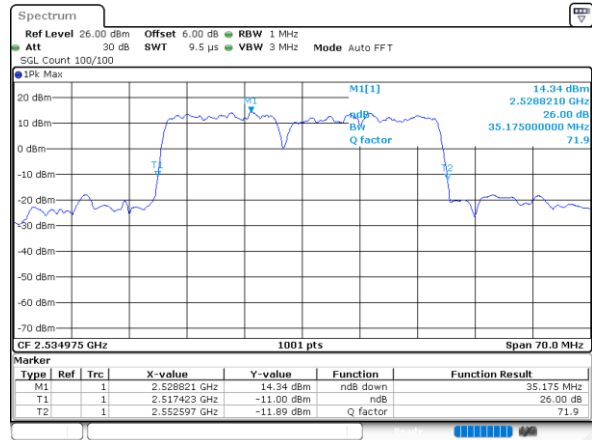


LTE Band 7

Middle Channel / 15MHz+20MHz / QPSK

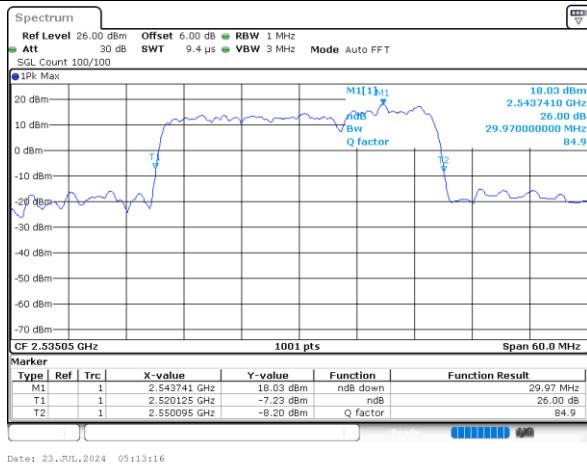


Middle Channel / 15MHz+20MHz / 16QAM

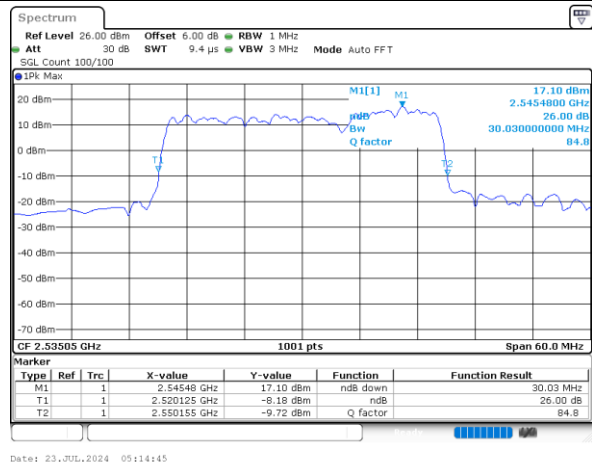


LTE Band 7

Middle Channel / 20MHz+10MHz / QPSK

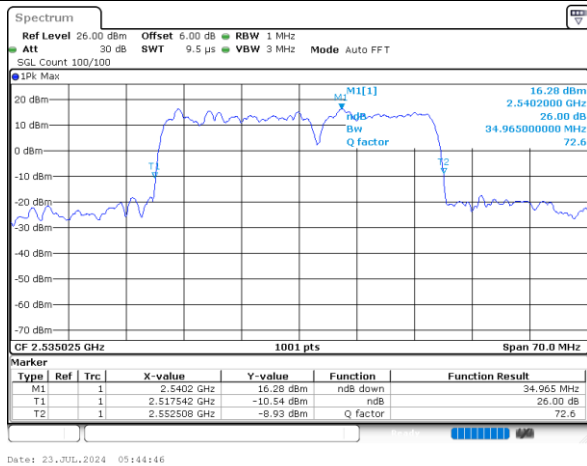


Middle Channel / 20MHz+10MHz / 16QAM

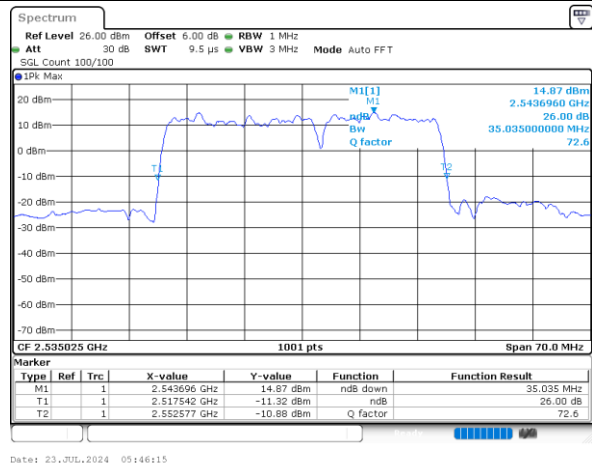


LTE Band 7

Middle Channel / 20MHz+15MHz / QPSK



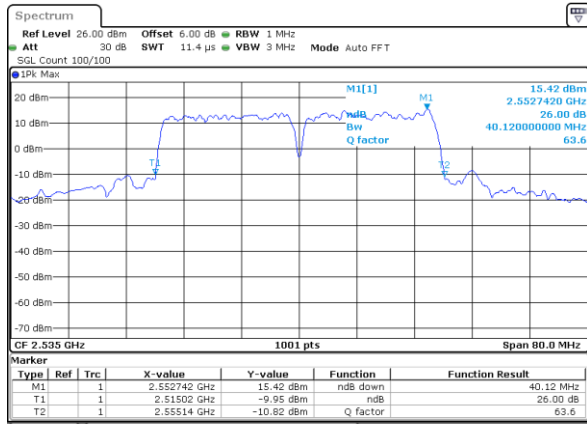
Middle Channel / 20MHz+15MHz / 16QAM



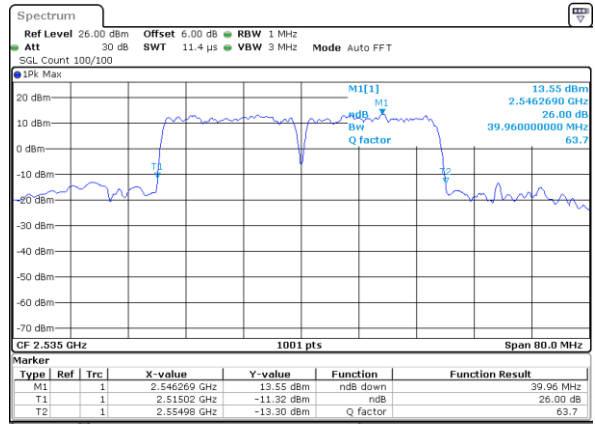


LTE Band 7

Middle Channel / 20MHz+20MHz / QPSK



Middle Channel / 20MHz+20MHz / 16QAM



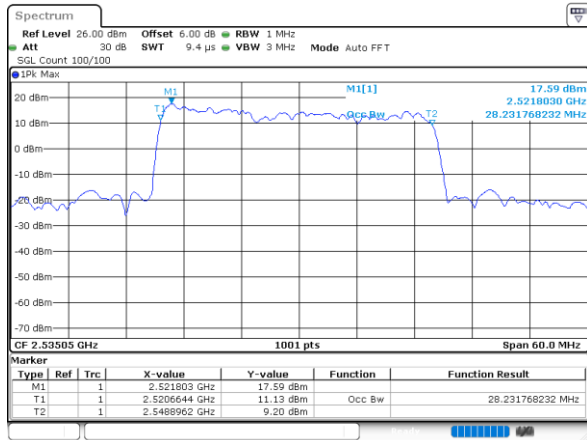
Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	28.23	27.99
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.53	23.53
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.71	28.77
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	32.94	32.87
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.11	28.17
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	32.87	33.08
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.72	37.96

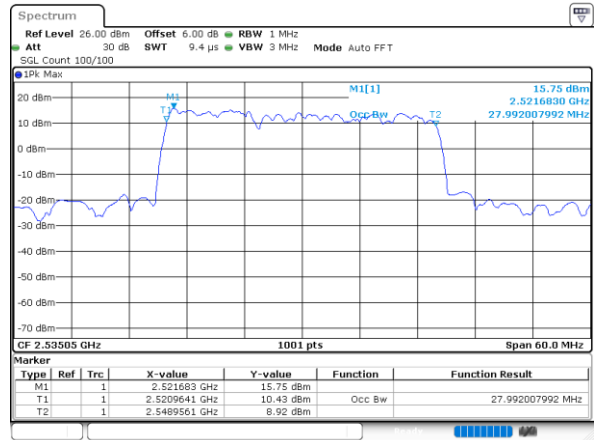


LTE Band 7

Middle Channel / 10MHz+20MHz / QPSK

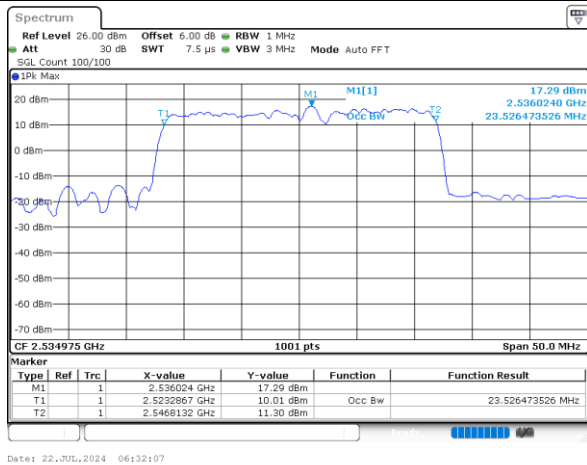


Middle Channel / 10MHz+20MHz / 16QAM

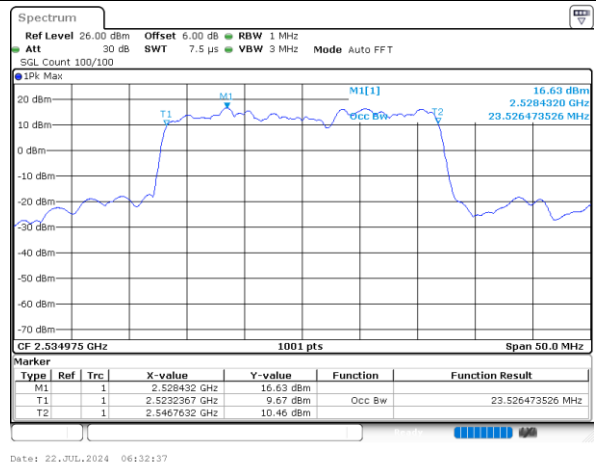


LTE Band 7

Middle Channel / 15MHz+10MHz / QPSK

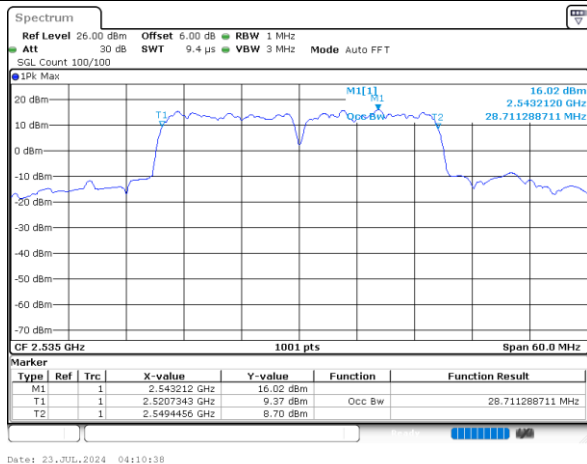


Middle Channel / 15MHz+10MHz / 16QAM

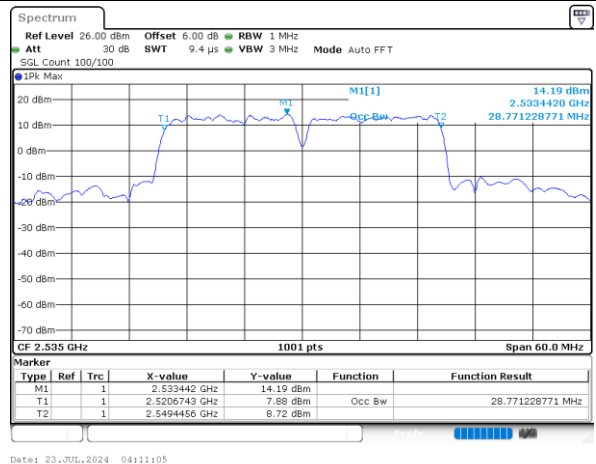


LTE Band 7

Middle Channel / 15MHz+15MHz / QPSK



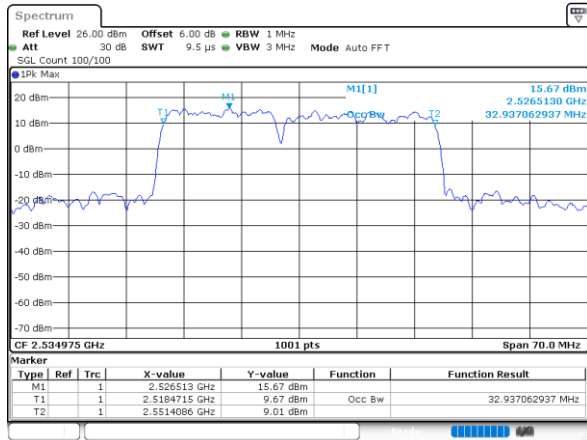
Middle Channel / 15MHz+15MHz / 16QAM



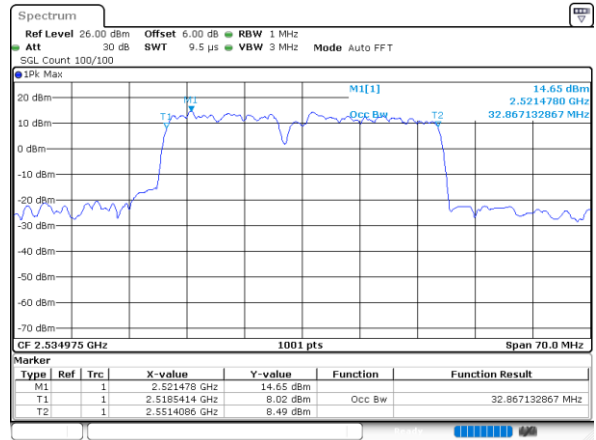


LTE Band 7

Middle Channel / 15MHz+20MHz / QPSK

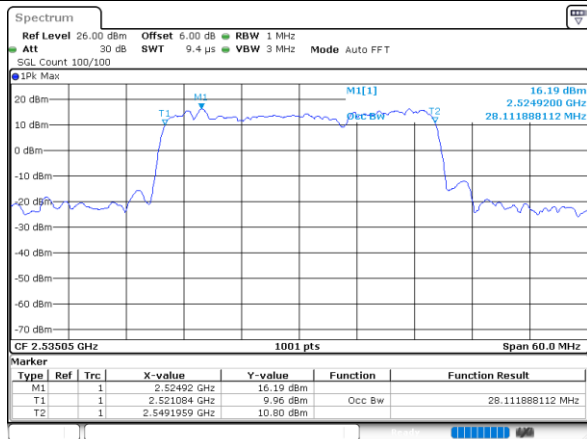


Middle Channel / 15MHz+20MHz / 16QAM

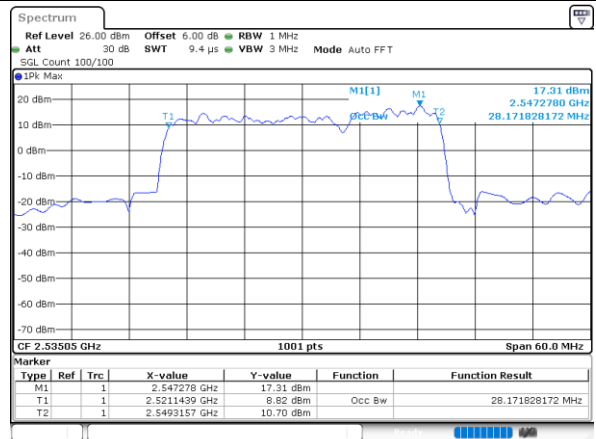


LTE Band 7

Middle Channel / 20MHz+10MHz / QPSK

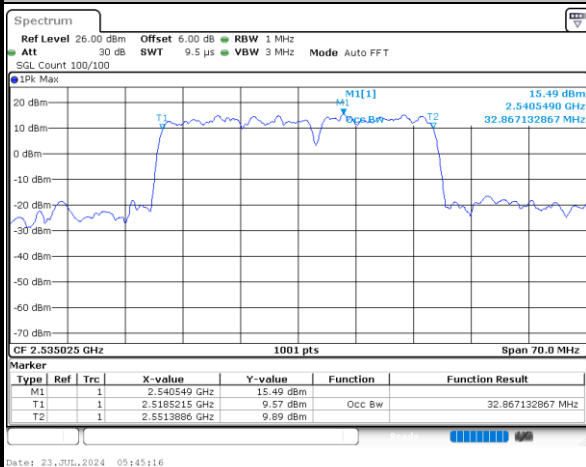


Middle Channel / 20MHz+10MHz / 16QAM

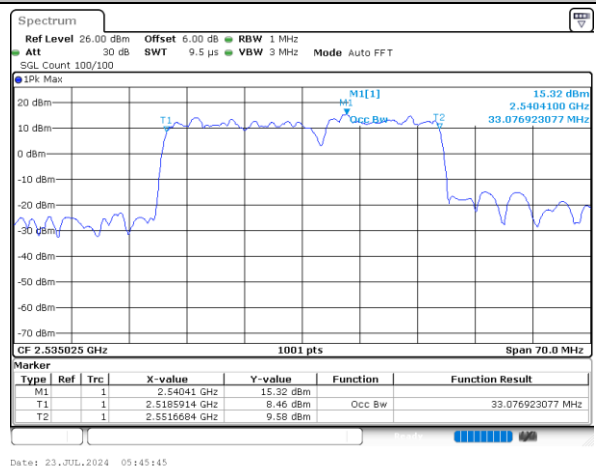


LTE Band 7

Middle Channel / 20MHz+15MHz / QPSK

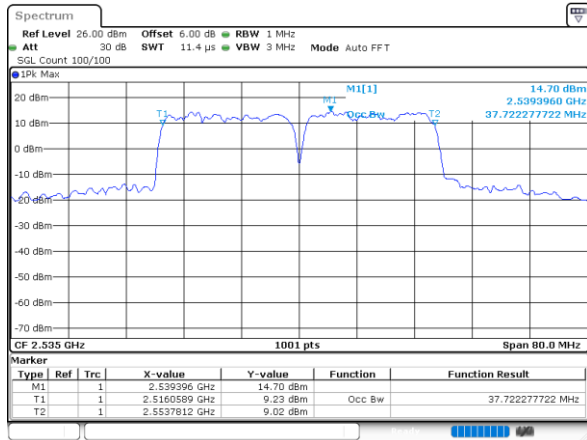


Middle Channel / 20MHz+15MHz / 16QAM



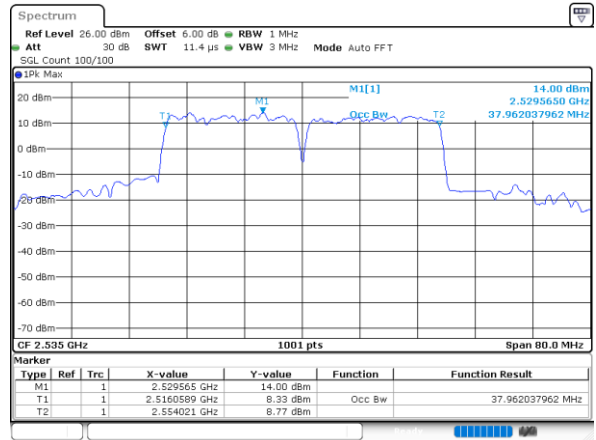
LTE Band 7

Middle Channel / 20MHz+20MHz / QPSK



Date: 23.JUL.2024 06:15:49

Middle Channel / 20MHz+20MHz / 16QAM



Date: 23.JUL.2024 06:17:12

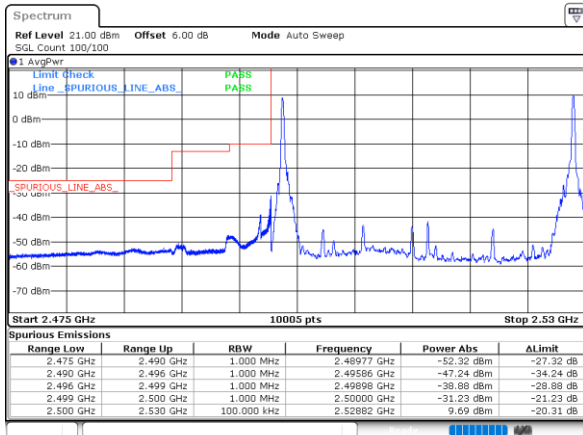


Conducted Band Edge

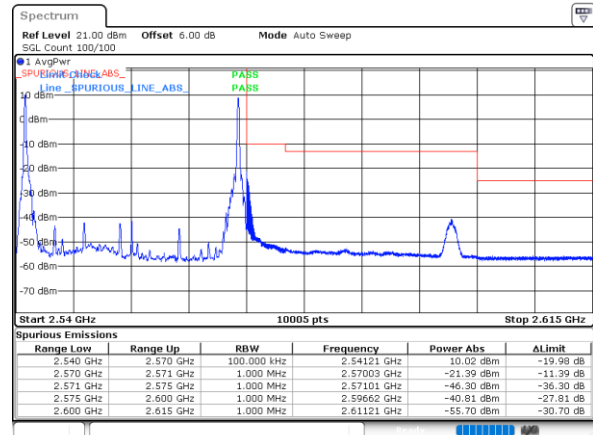
LTE Band 7 / 10MHz+20MHz

QPSK

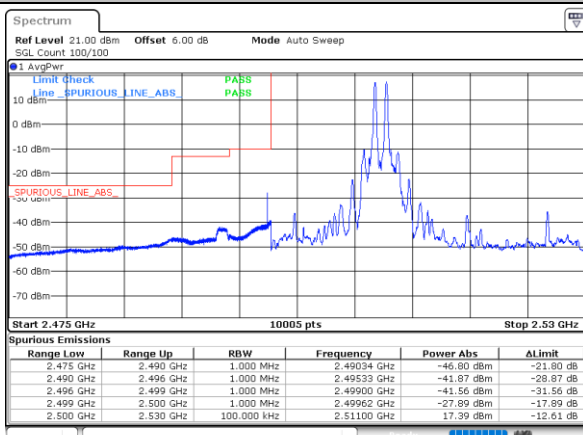
Lowest Band Edge / 1RB0 and 1RB99



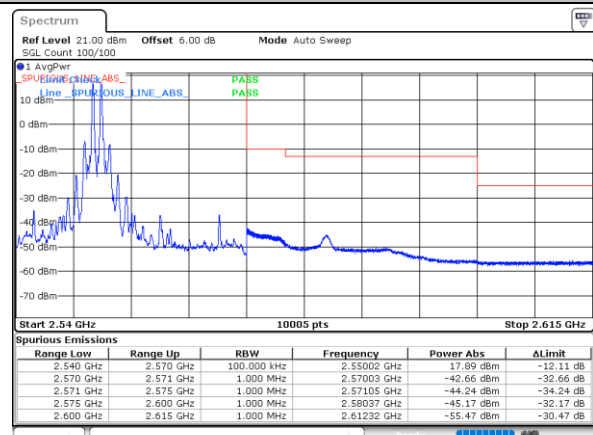
Highest Band Edge / 1RB0 and 1RB99



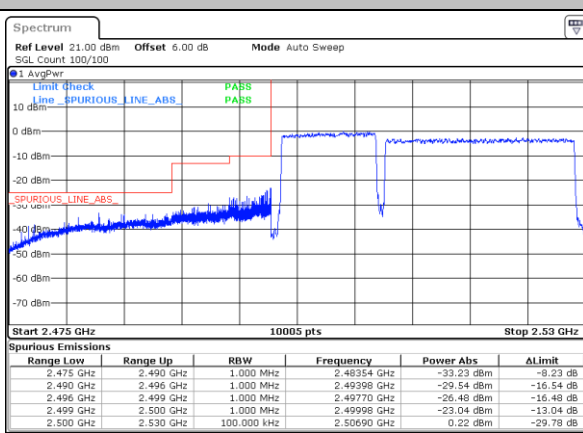
Lowest Band Edge / 1RB49 and 1RB0



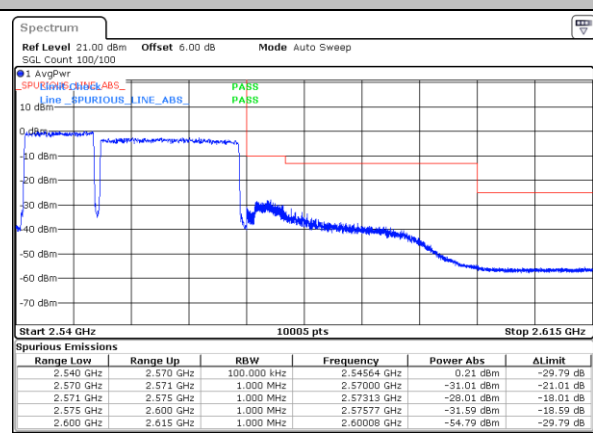
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

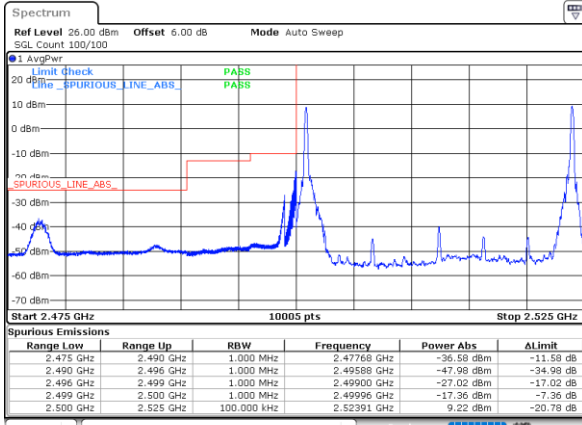




LTE Band 7 / 15MHz+10MHz

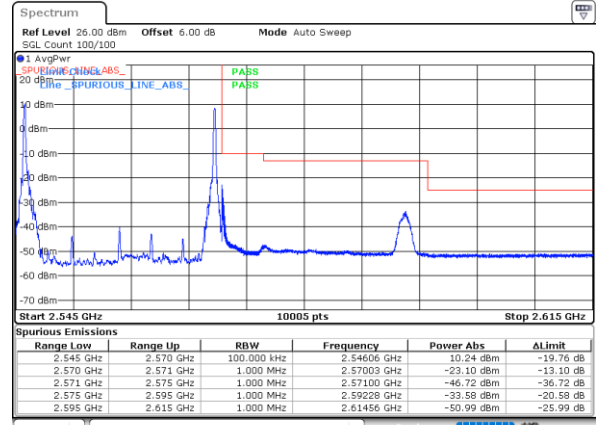
QPSK

Lowest Band Edge / 1RB0 and 1RB49



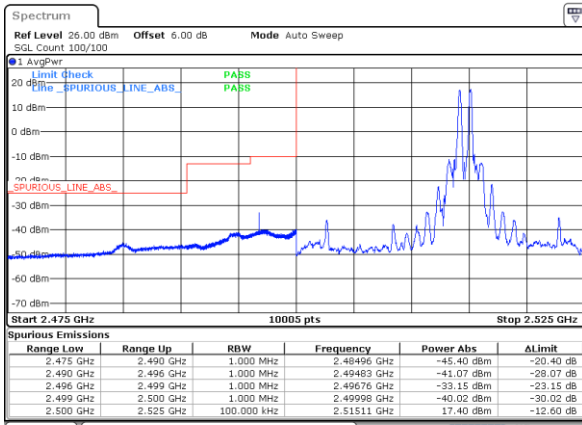
Date: 22.JUL.2024 06:07:06

Highest Band Edge / 1RB0 and 1RB49



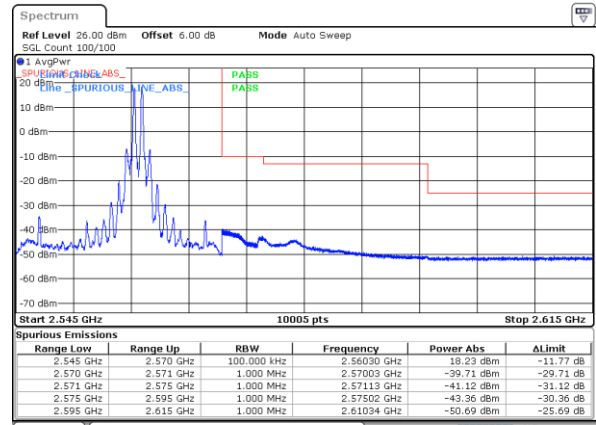
Date: 22.JUL.2024 06:56:55

Lowest Band Edge / 1RB74 and 1RB0



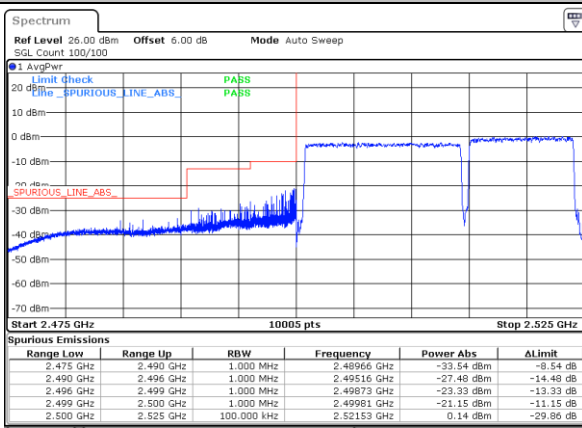
Date: 22.JUL.2024 06:11:06

Highest Band Edge / 1RB74 and 1RB0



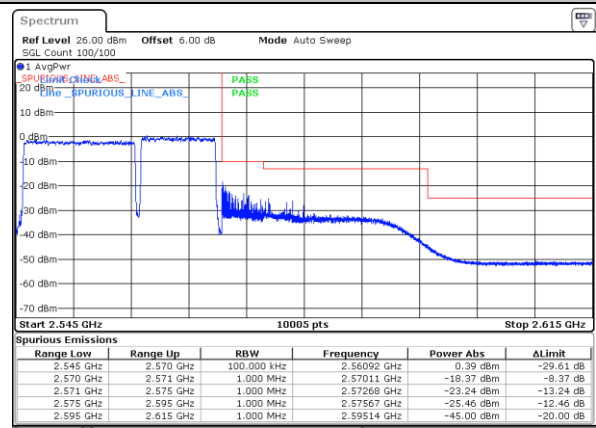
Date: 22.JUL.2024 07:00:54

Lowest Band Edge / Full RB



Date: 22.JUL.2024 06:15:06

Highest Band Edge / Full RB



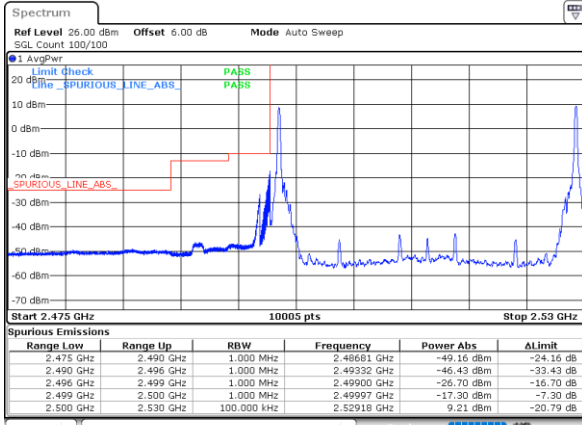
Date: 22.JUL.2024 07:04:52



LTE Band 7 / 15MHz+15MHz

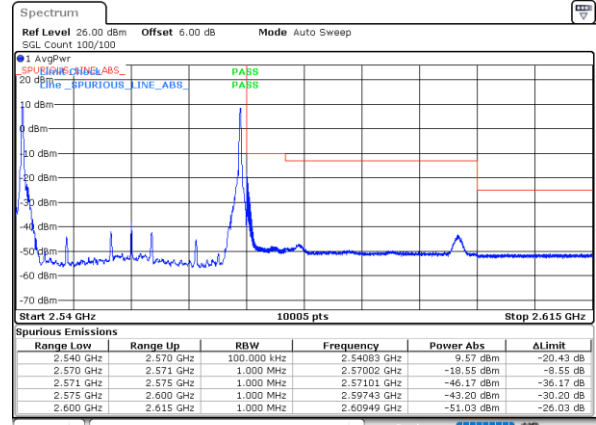
QPSK

Lowest Band Edge / 1RB0 and 1RB74



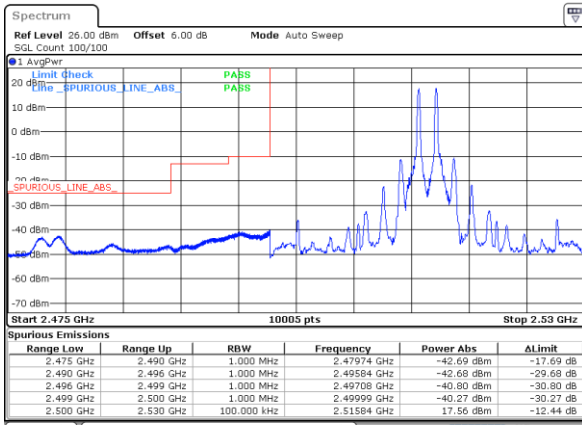
Date: 22.JUL.2024 07:10:23

Highest Band Edge / 1RB0 and 1RB74



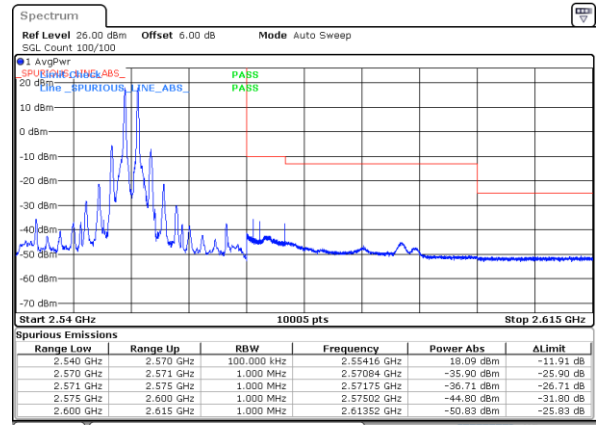
Date: 23.JUL.2024 04:14:37

Lowest Band Edge / 1RB74 and 1RB0



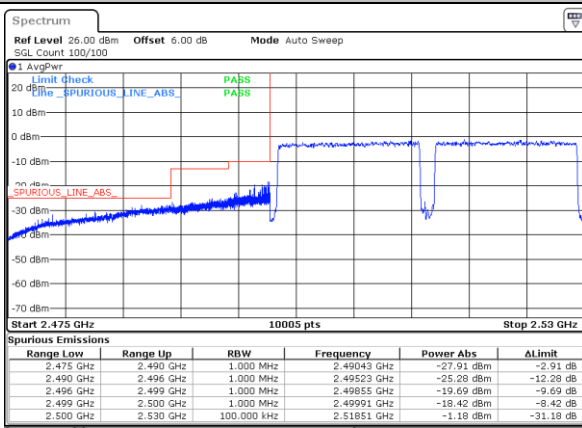
Date: 22.JUL.2024 07:14:15

Highest Band Edge / 1RB74 and 1RB0



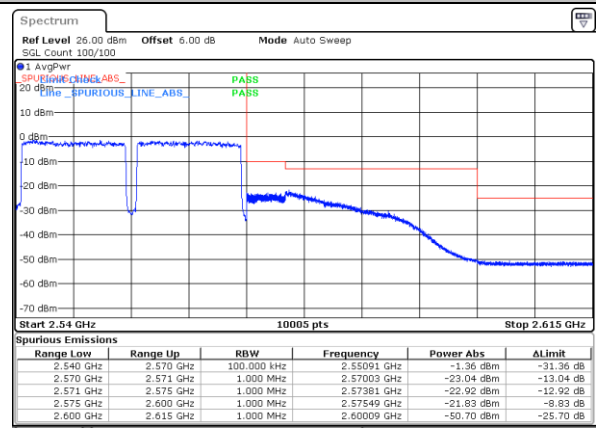
Date: 23.JUL.2024 04:14:29

Lowest Band Edge / Full RB



Date: 22.JUL.2024 07:18:08

Highest Band Edge / Full RB



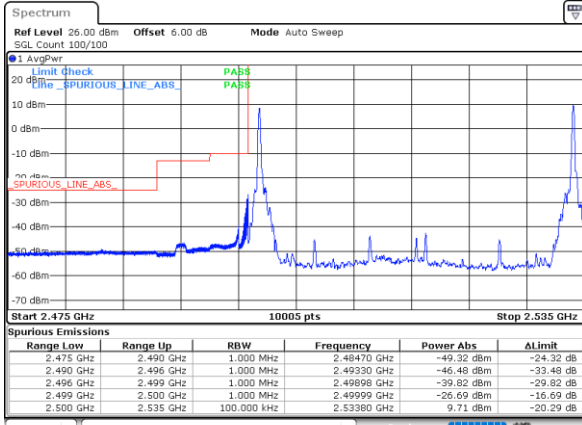
Date: 23.JUL.2024 04:22:20



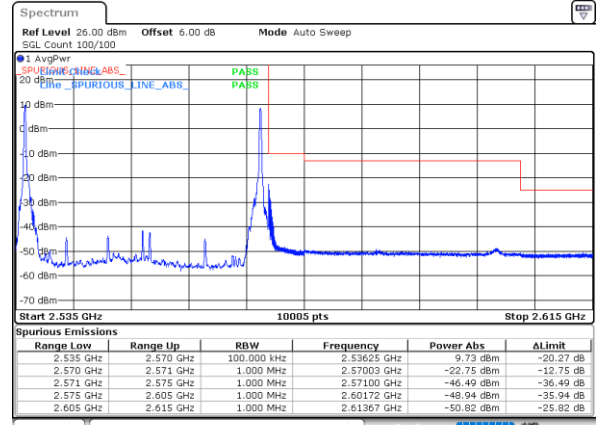
LTE Band 7 / 15MHz+20MHz

QPSK

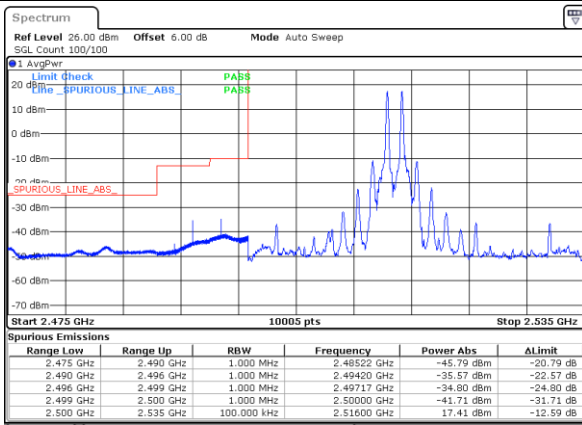
Lowest Band Edge / 1RB0 and 1RB99



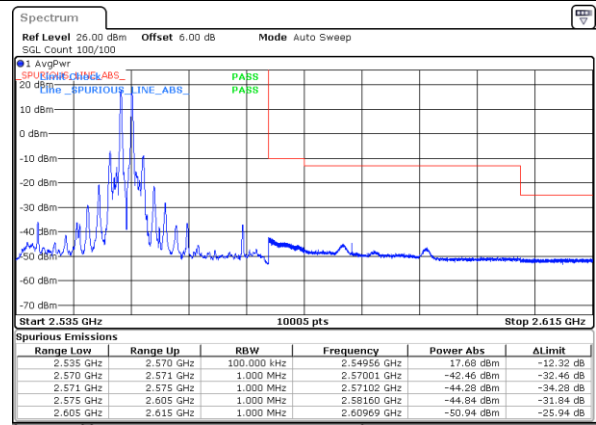
Highest Band Edge / 1RB0 and 1RB99



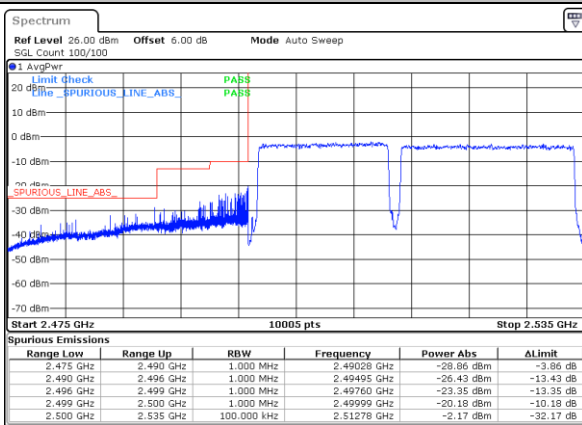
Lowest Band Edge / 1RB74 and 1RB0



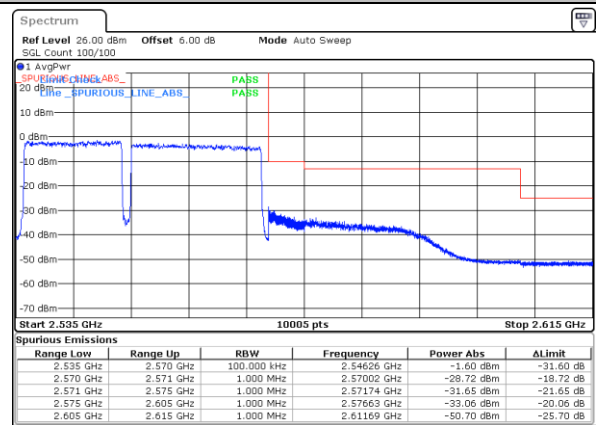
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

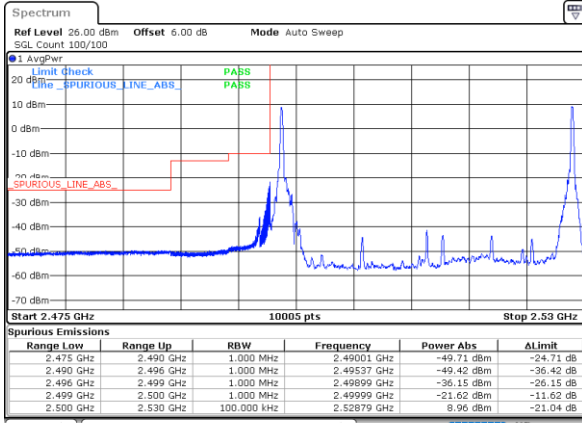




LTE Band 7 / 20MHz+10MHz

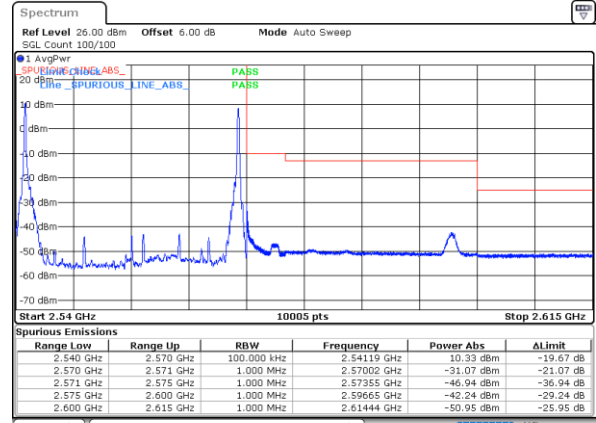
QPSK

Lowest Band Edge / 1RB0 and 1RB74



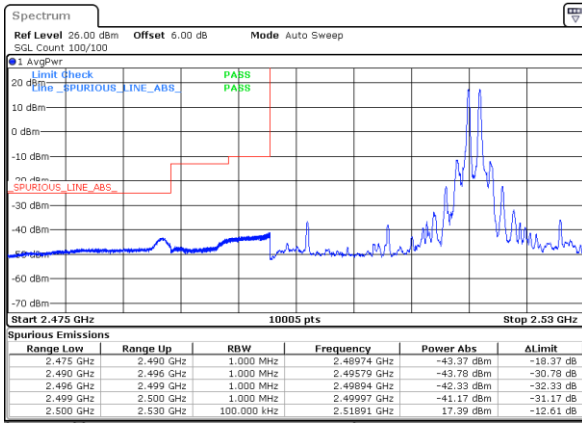
Date: 23_JUL_2024 04:59:45

Highest Band Edge / 1RB0 and 1RB74



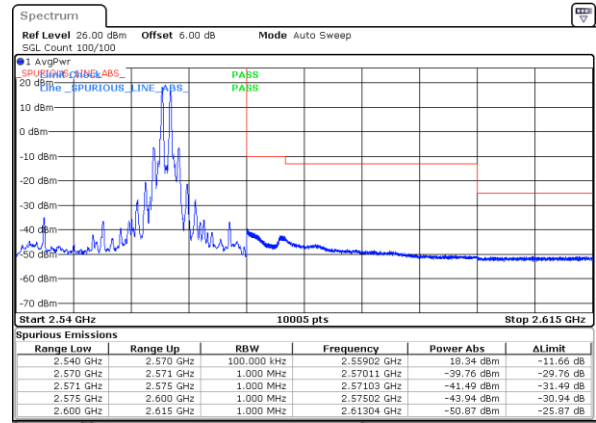
Date: 23_JUL_2024 05:17:44

Lowest Band Edge / 1RB99 and 1RB0



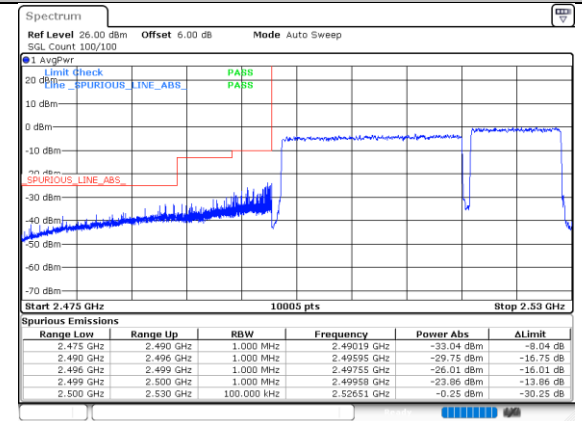
Date: 23_JUL_2024 05:03:45

Highest Band Edge / 1RB99 and 1RB0



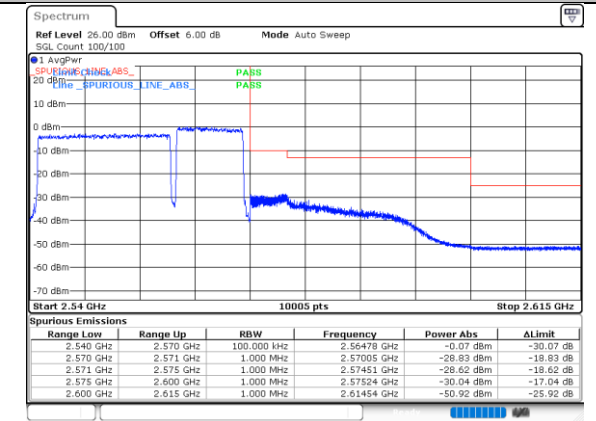
Date: 23_JUL_2024 05:21:43

Lowest Band Edge / Full RB



Date: 23_JUL_2024 05:07:45

Highest Band Edge / Full RB



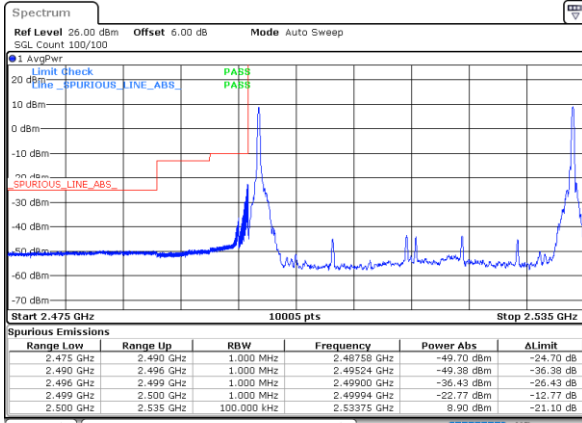
Date: 23_JUL_2024 05:25:42



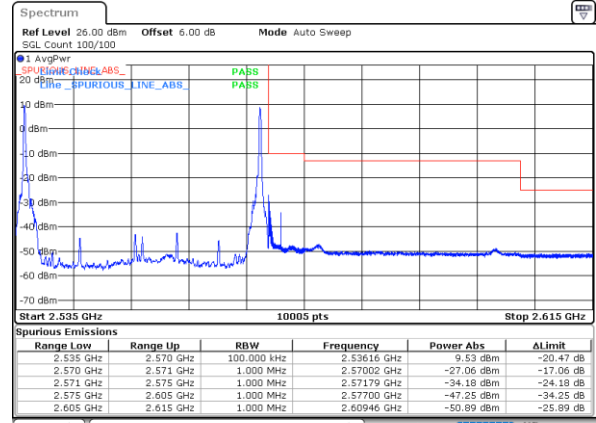
LTE Band 7 / 20MHz+15MHz

QPSK

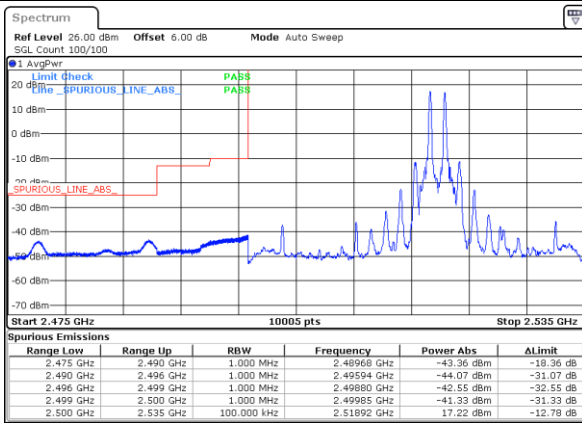
Lowest Band Edge / 1RB0 and 1RB74



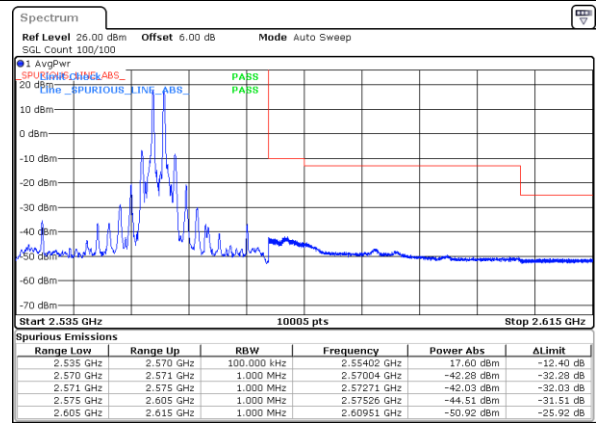
Highest Band Edge / 1RB0 and 1RB74



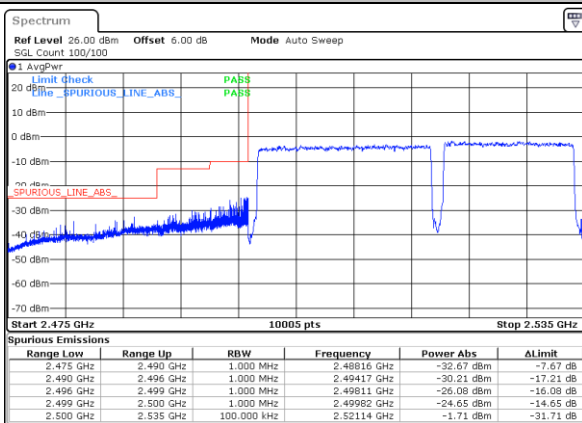
Lowest Band Edge / 1RB99 and 1RB0



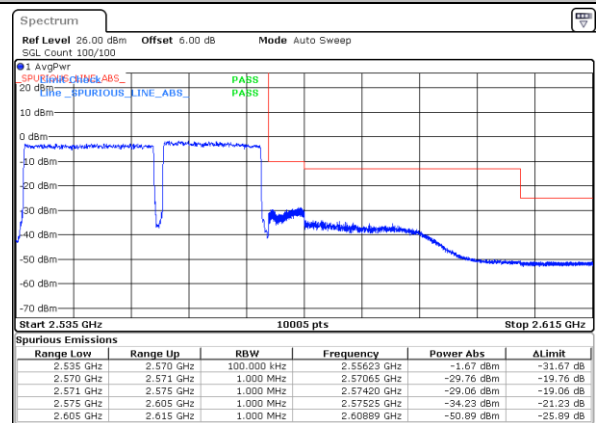
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

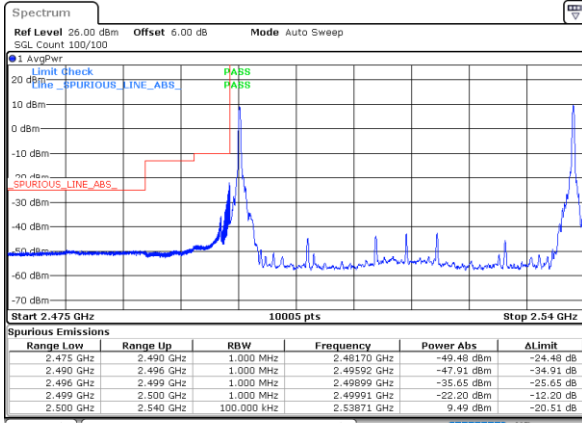




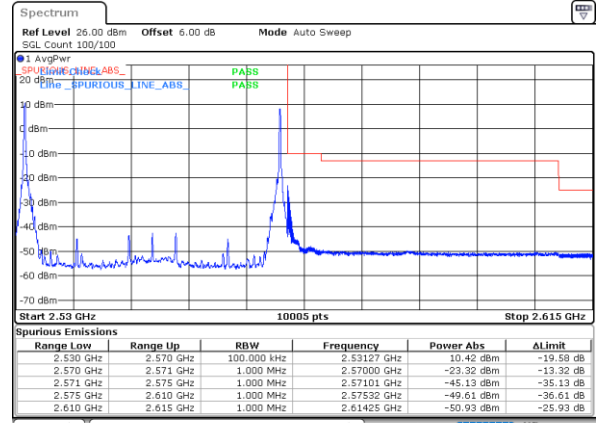
LTE Band 7 / 20MHz+20MHz

QPSK

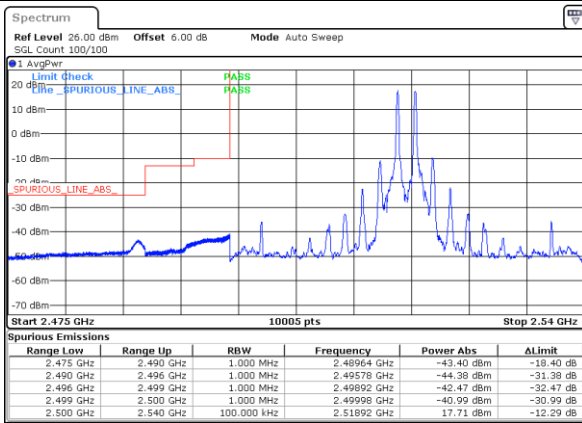
Lowest Band Edge / 1RB0 and 1RB99



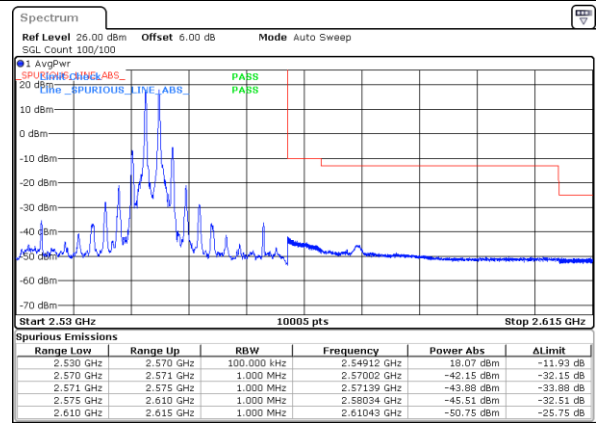
Highest Band Edge / 1RB0 and 1RB99



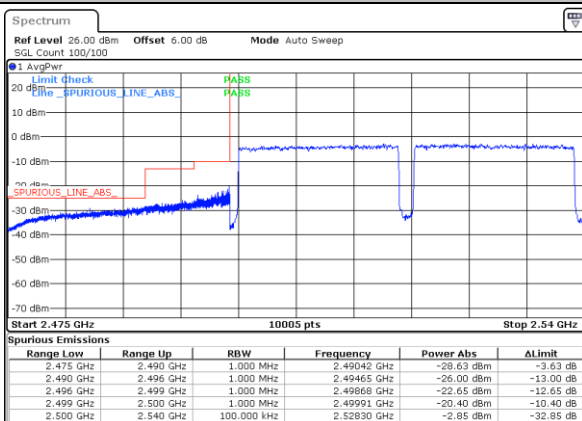
Lowest Band Edge / 1RB99 and 1RB0



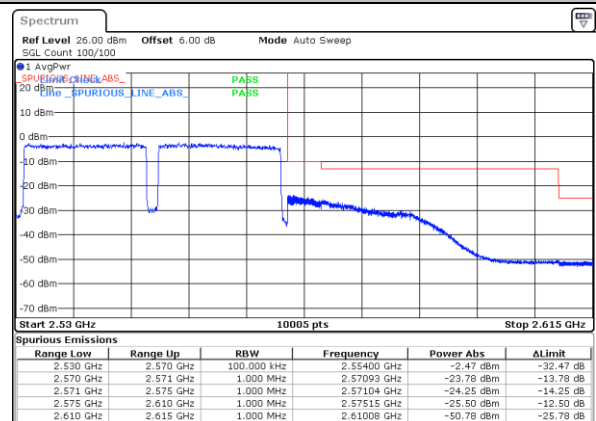
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

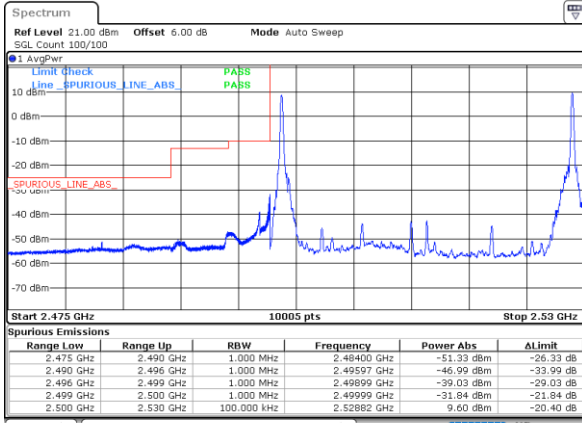




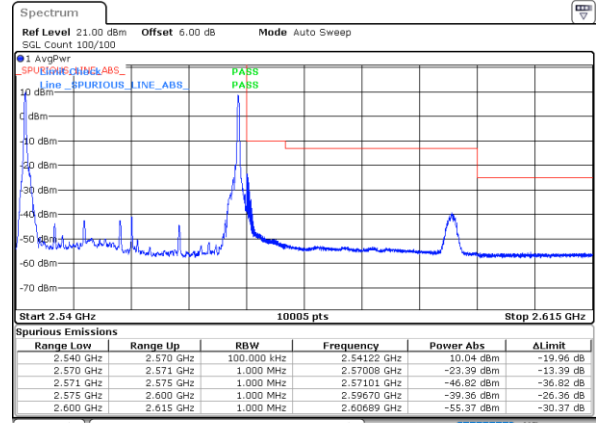
LTE Band 7 / 10MHz+20MHz

16QAM

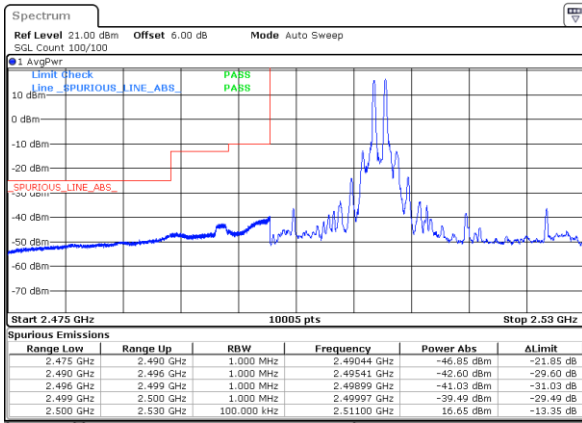
Lowest Band Edge / 1RB0 and 1RB99



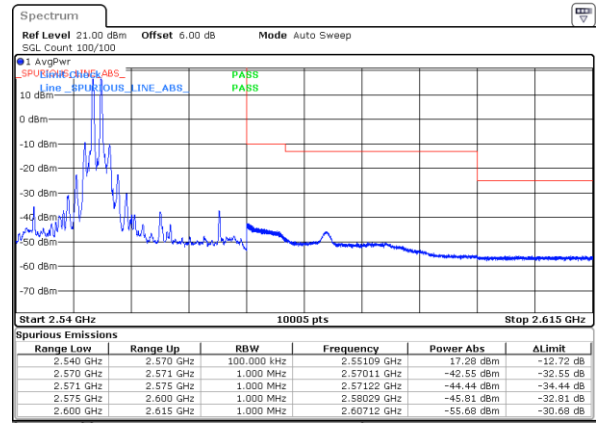
Highest Band Edge / 1RB0 and 1RB99



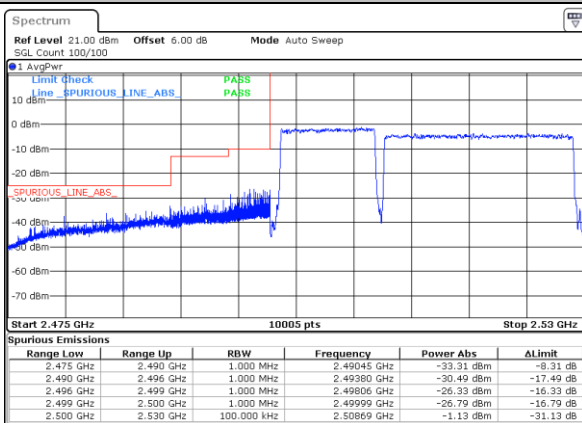
Lowest Band Edge / 1RB49 and 1RB0



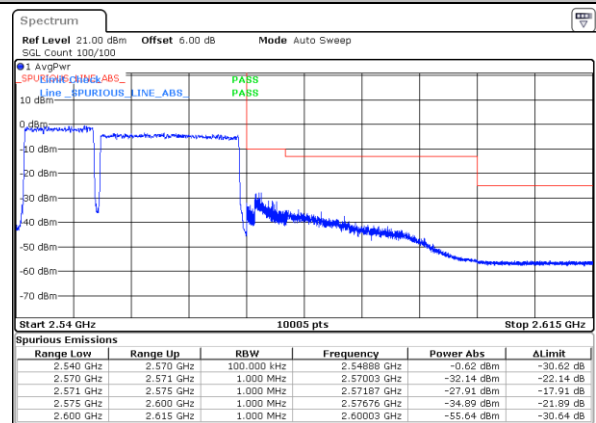
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

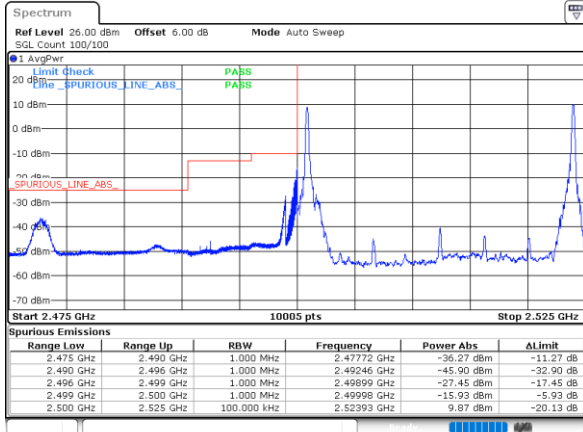




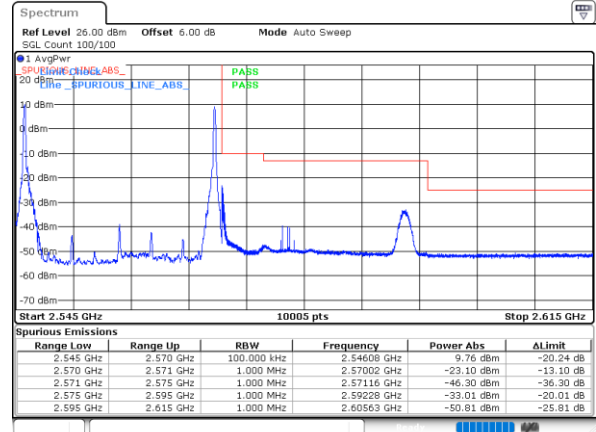
LTE Band 7 / 15MHz+10MHz

16QAM

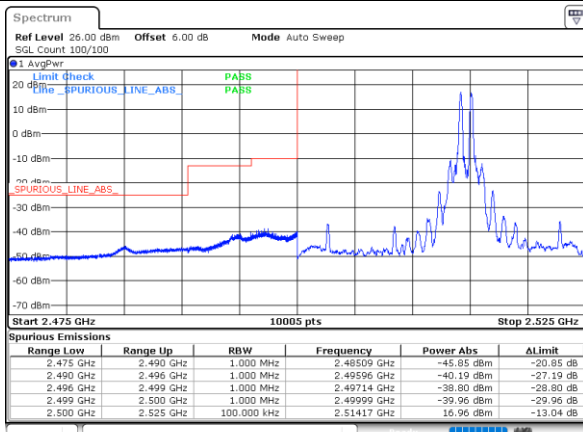
Lowest Band Edge / 1RB0 and 1RB49



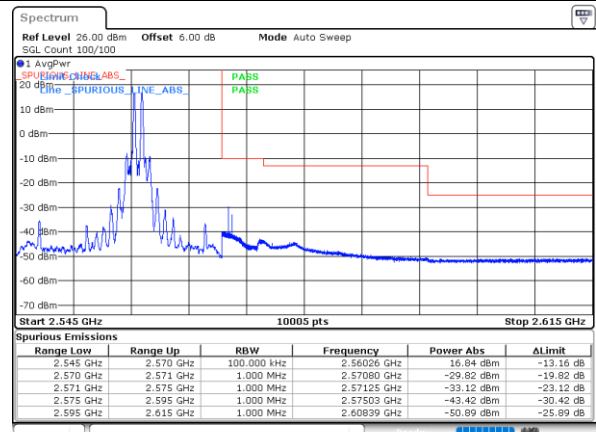
Highest Band Edge / 1RB0 and 1RB49



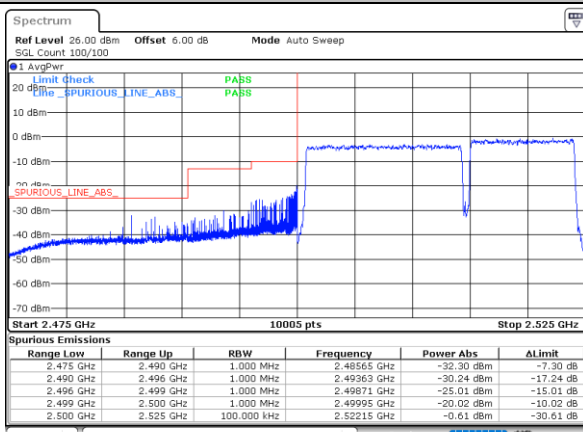
Lowest Band Edge / 1RB74 and 1RB0



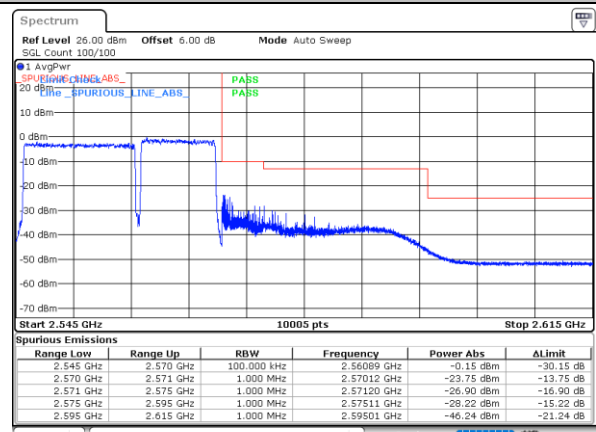
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

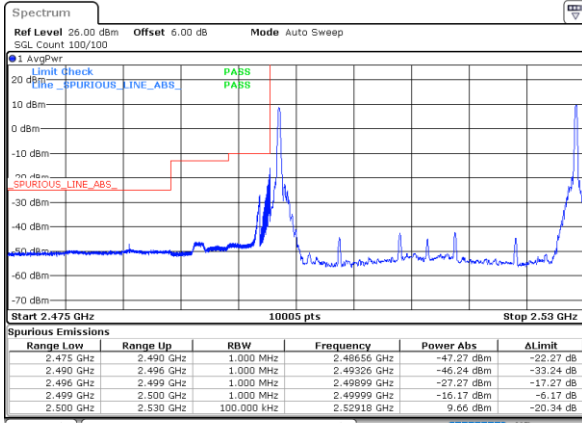




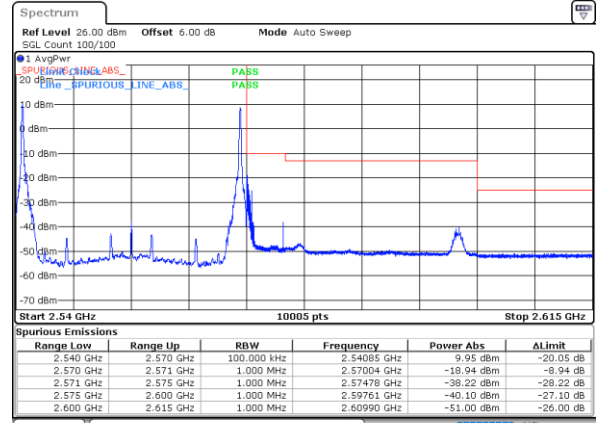
LTE Band 7 / 15MHz+15MHz

16QAM

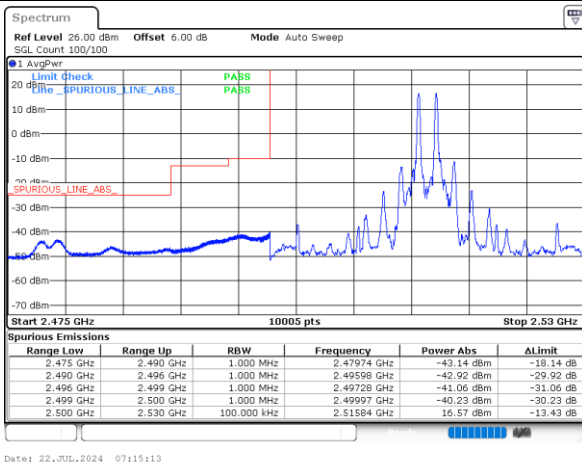
Lowest Band Edge / 1RB0 and 1RB74



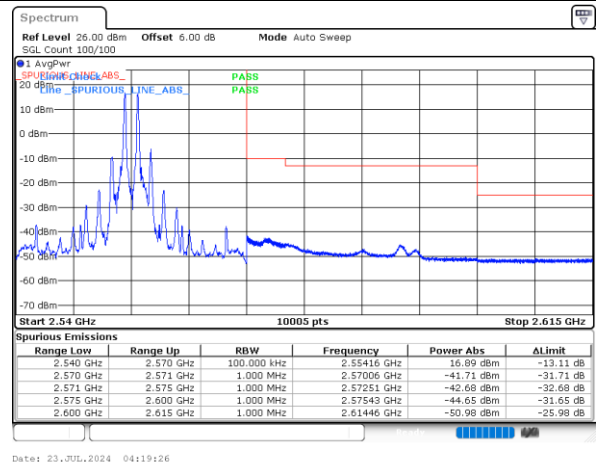
Highest Band Edge / 1RB0 and 1RB74



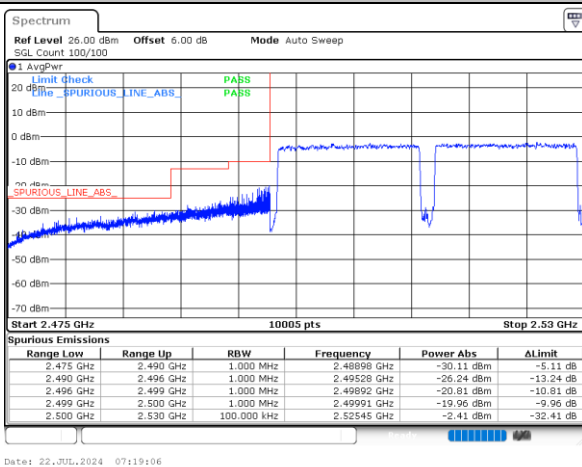
Lowest Band Edge / 1RB74 and 1RB0



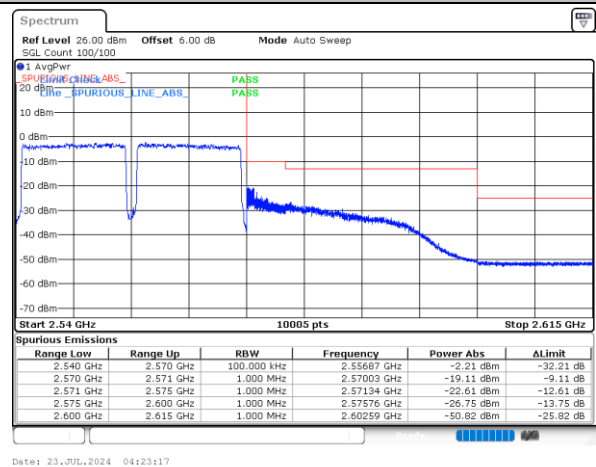
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

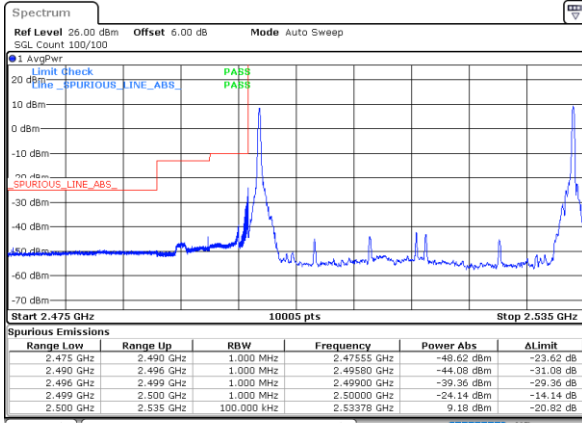




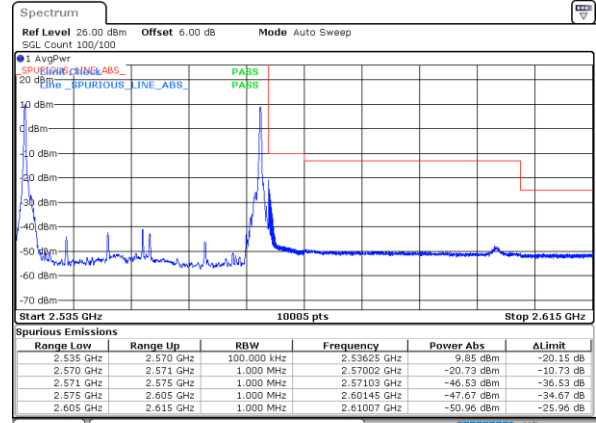
LTE Band 7 / 15MHz+20MHz

16QAM

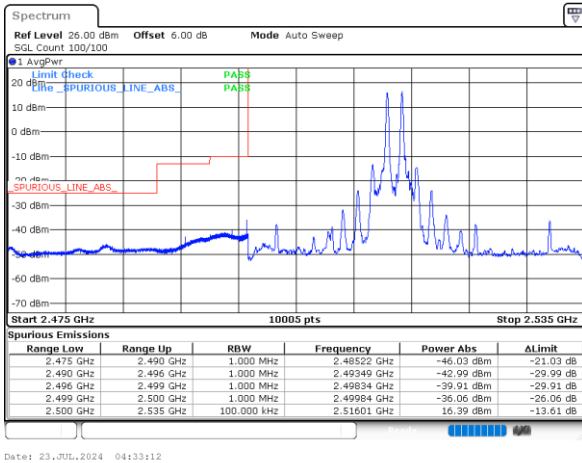
Lowest Band Edge / 1RB0 and 1RB99



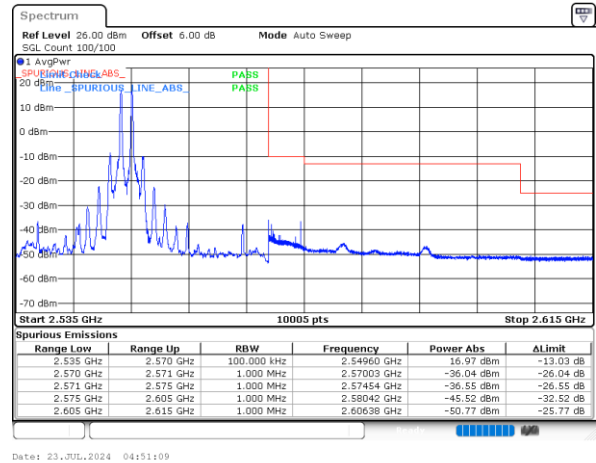
Highest Band Edge / 1RB0 and 1RB99



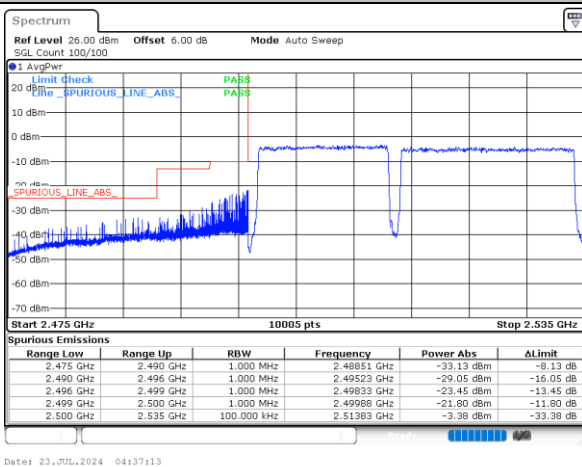
Lowest Band Edge / 1RB74 and 1RB0



Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

