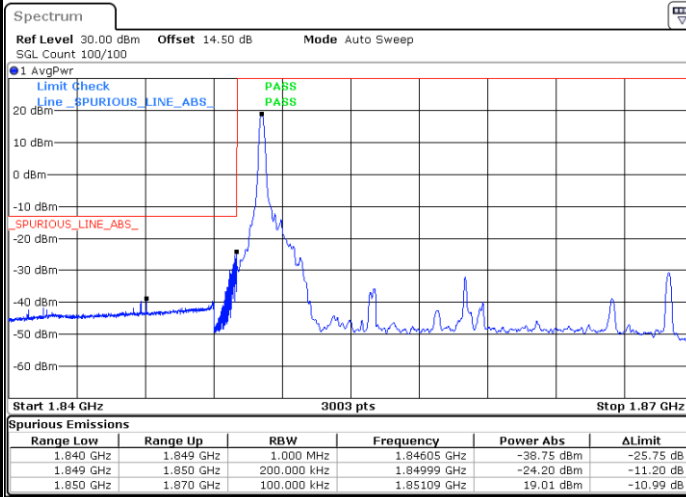


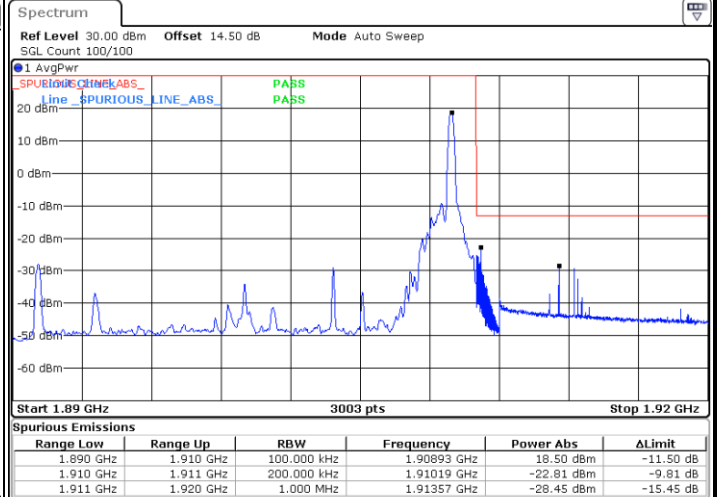


LTE Band 2 / 20MHz / 64QAM

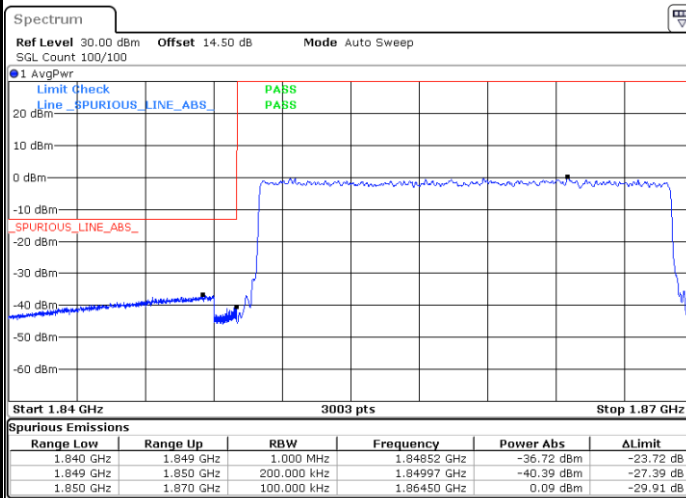
Lowest Band Edge / 1 RB



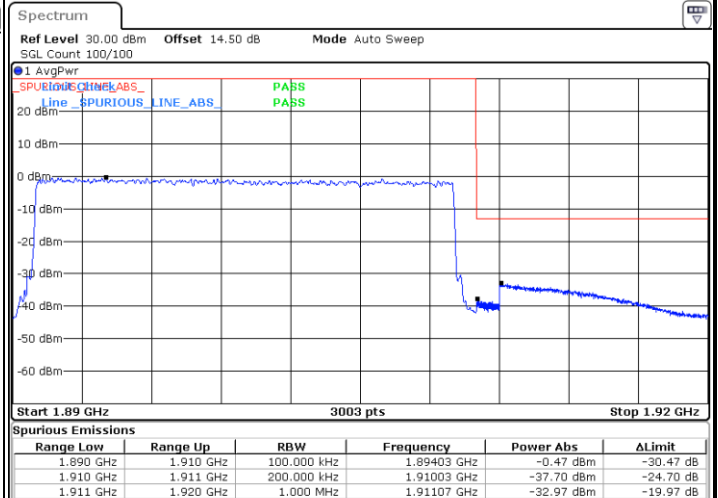
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

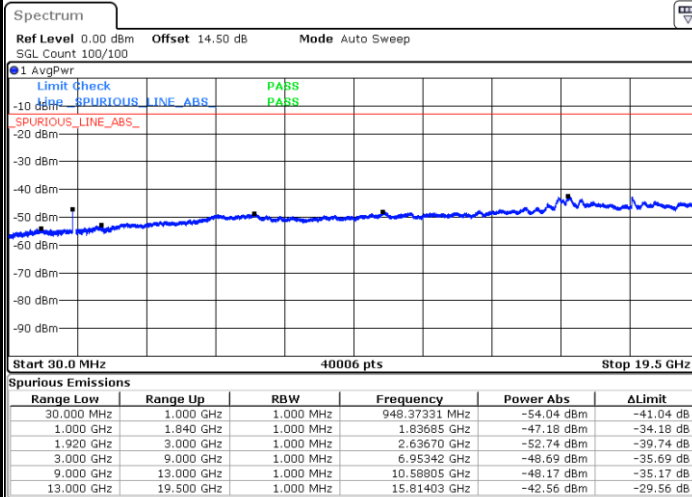




Conducted Spurious Emission

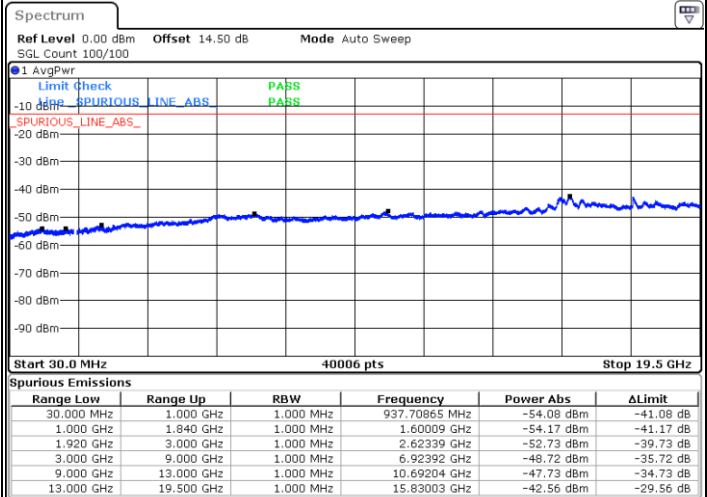
LTE Band 2 / 1.4MHz

Lowest Channel / QPSK



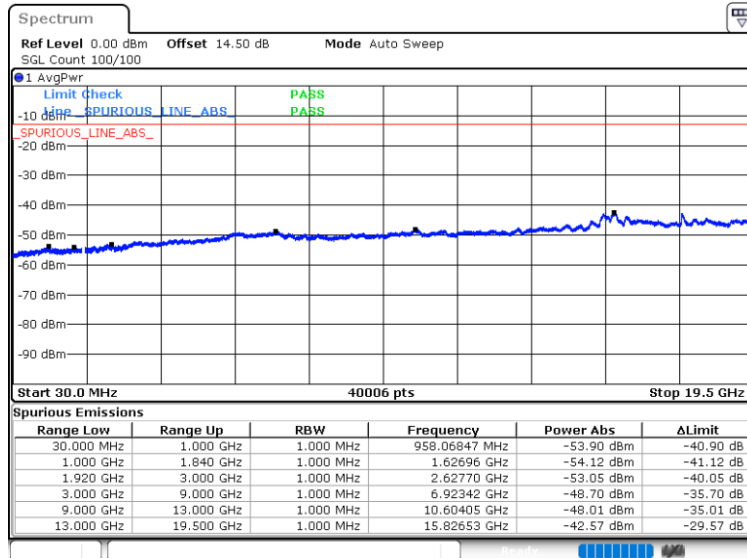
Date: 13.SEP.2024 17:00:10

Middle Channel / QPSK



Date: 13.SEP.2024 17:04:20

Highest Channel / QPSK

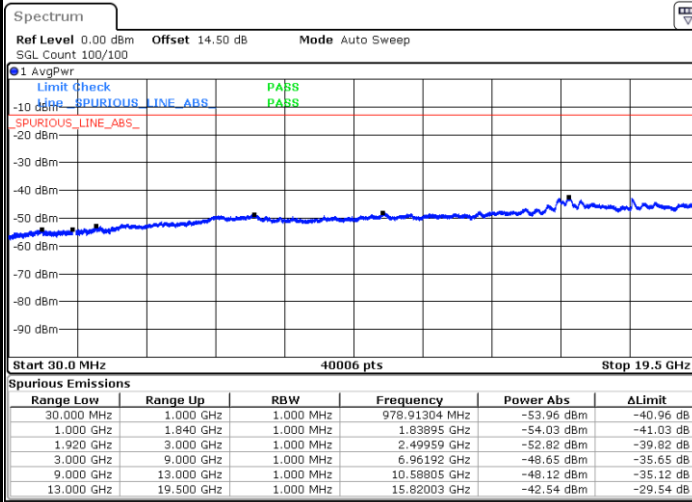


Date: 13.SEP.2024 17:09:56



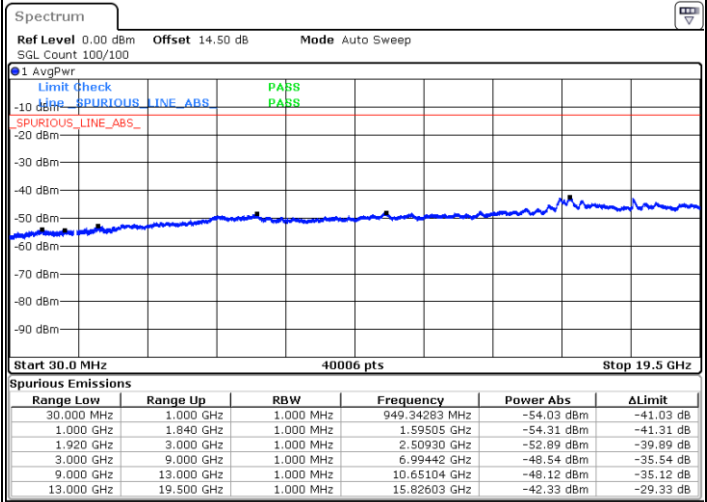
LTE Band 2 / 3MHz

Lowest Channel / QPSK



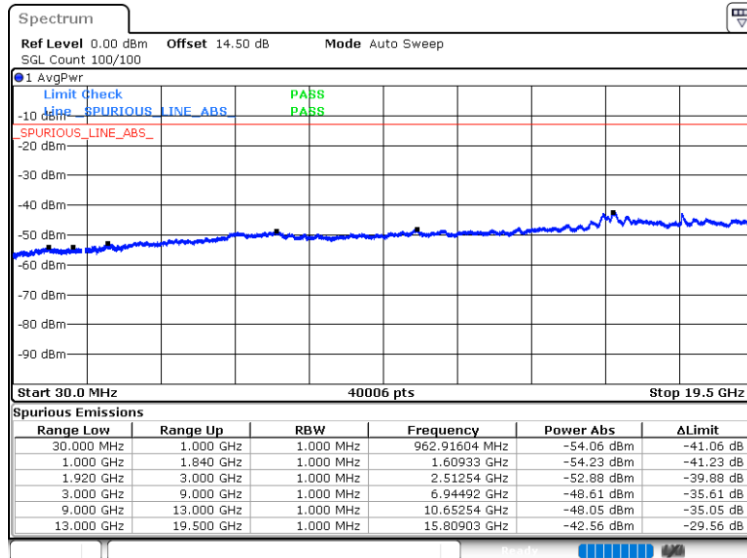
Date: 13.SEP.2024 17:16:54

Middle Channel / QPSK



Date: 13.SEP.2024 17:21:05

Highest Channel / QPSK

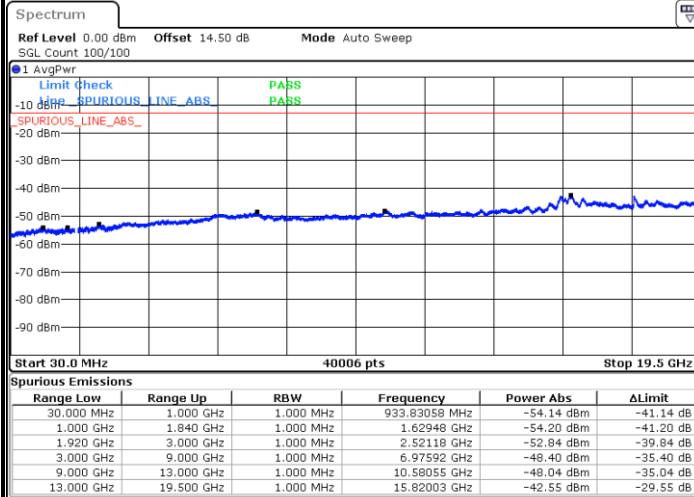


Date: 13.SEP.2024 17:29:25



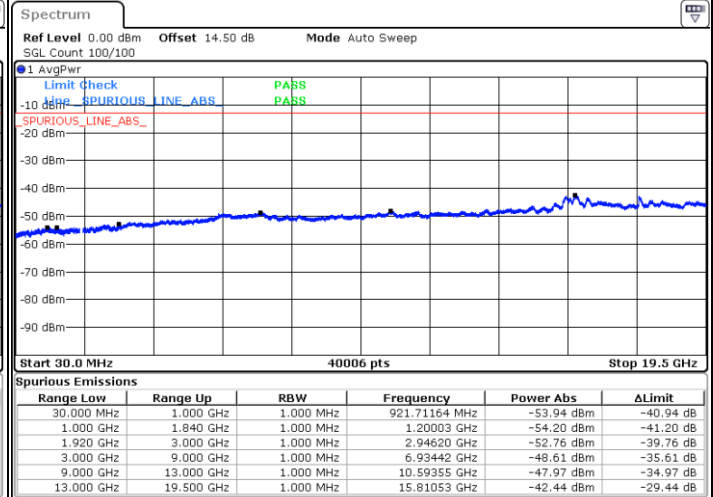
LTE Band 2 / 5MHz

Lowest Channel / QPSK



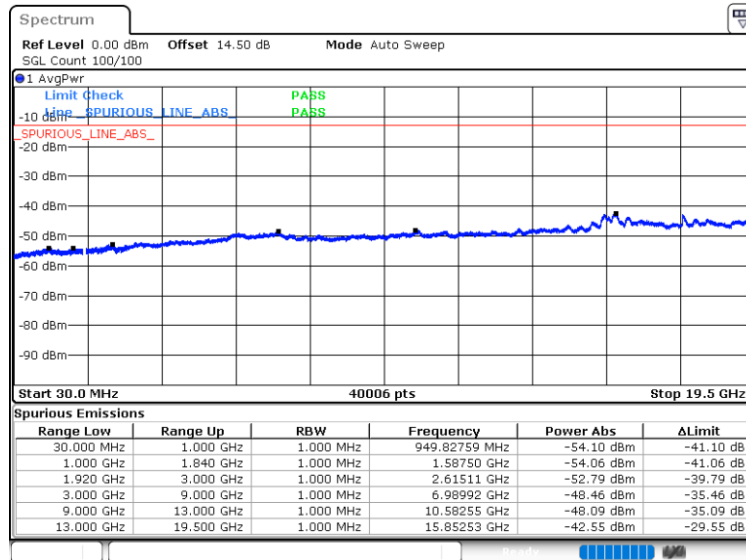
Date: 13.SEP.2024 17:33:41

Middle Channel / QPSK



Date: 13.SEP.2024 17:37:51

Highest Channel / QPSK

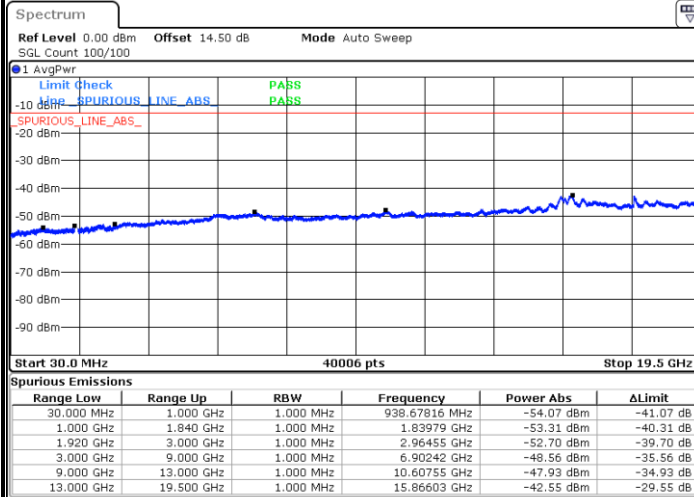


Date: 13.SEP.2024 17:46:09



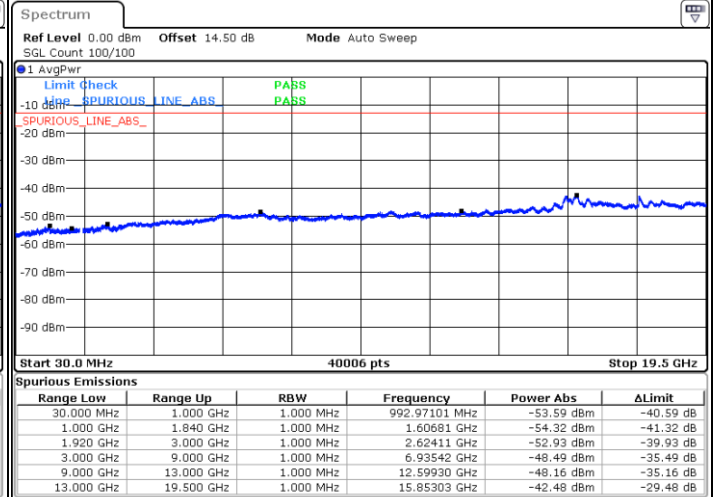
LTE Band 2 / 10MHz

Lowest Channel / QPSK



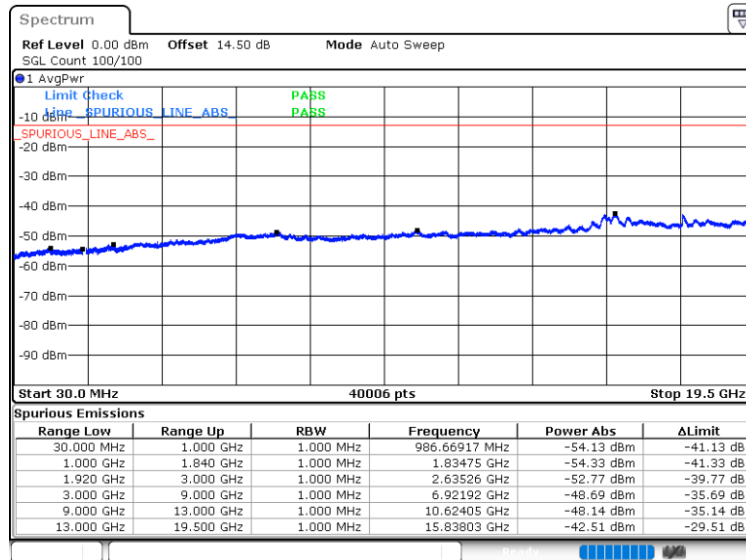
Date: 13.SEP.2024 17:53:06

Middle Channel / QPSK



Date: 13.SEP.2024 17:54:34

Highest Channel / QPSK

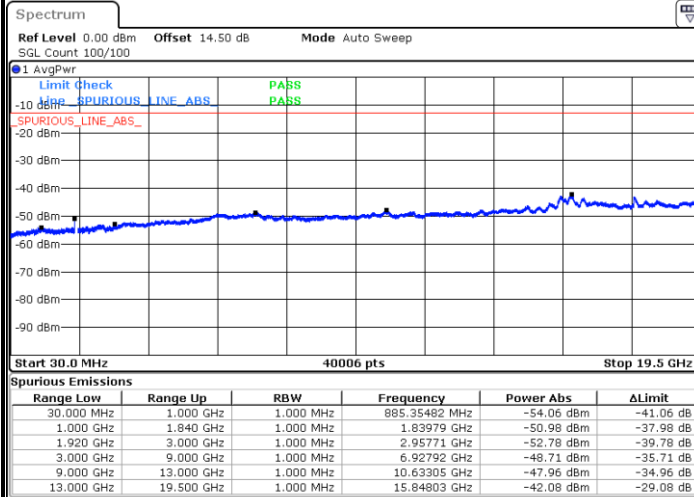


Date: 13.SEP.2024 18:02:51



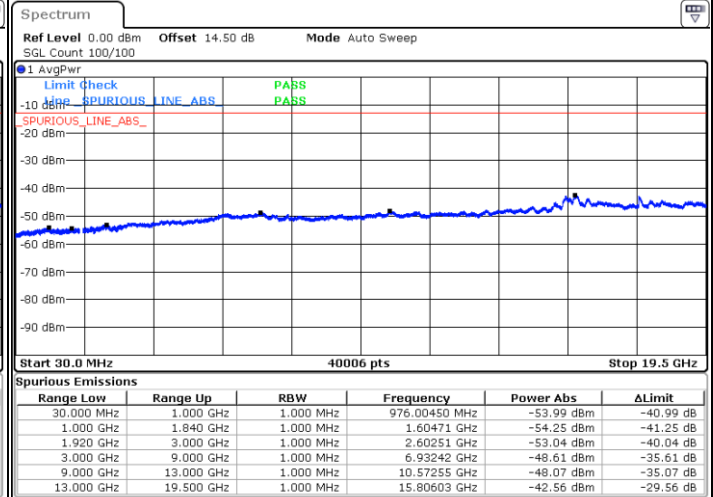
LTE Band 2 / 15MHz

Lowest Channel / QPSK



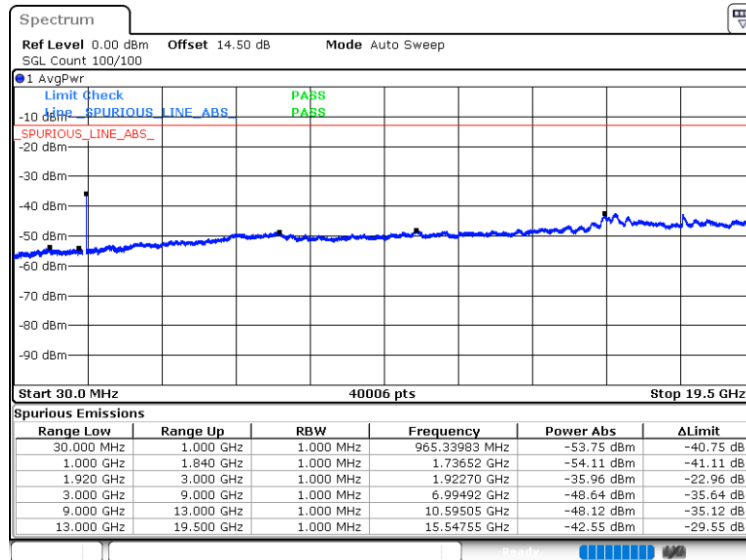
Date: 13.SEP.2024 18:09:48

Middle Channel / QPSK



Date: 13.SEP.2024 18:11:16

Highest Channel / QPSK

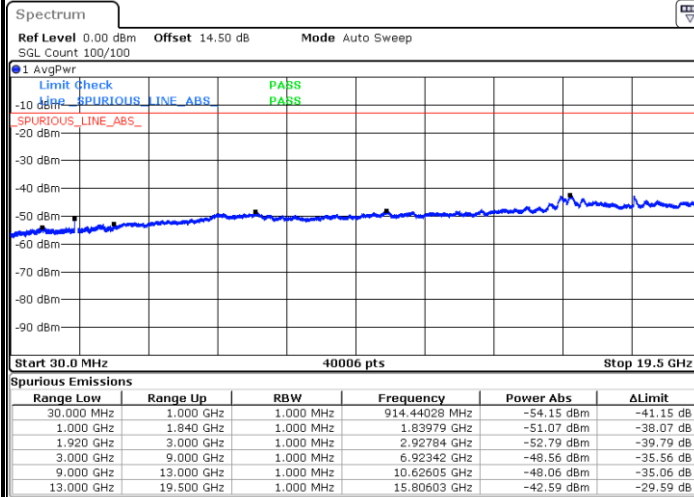


Date: 13.SEP.2024 18:19:33



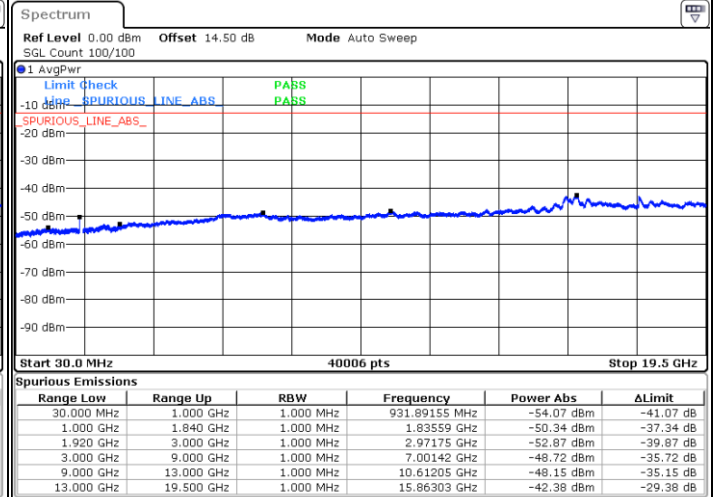
LTE Band 2 / 20MHz

Lowest Channel / QPSK



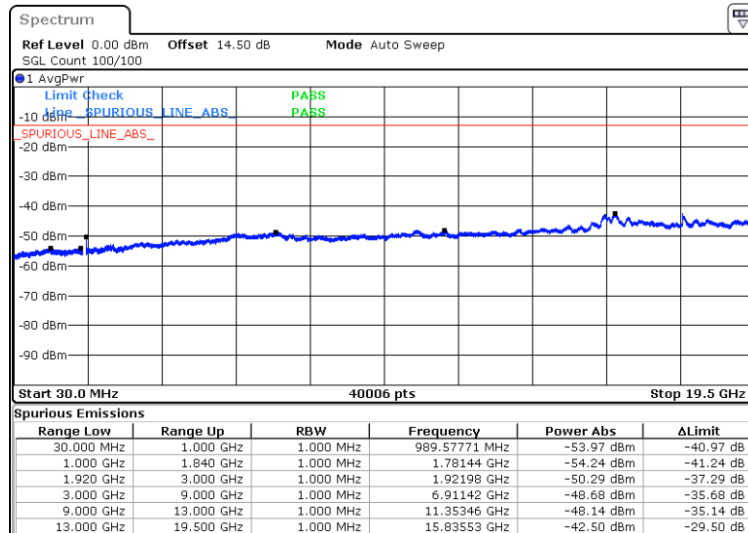
Date: 13.SEP.2024 18:26:31

Middle Channel / QPSK



Date: 13.SEP.2024 18:27:58

Highest Channel / QPSK



Date: 13.SEP.2024 18:37:46

**Frequency Stability**

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0038	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0048	
20	Maximum Voltage	0.0047	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0034	

Note:

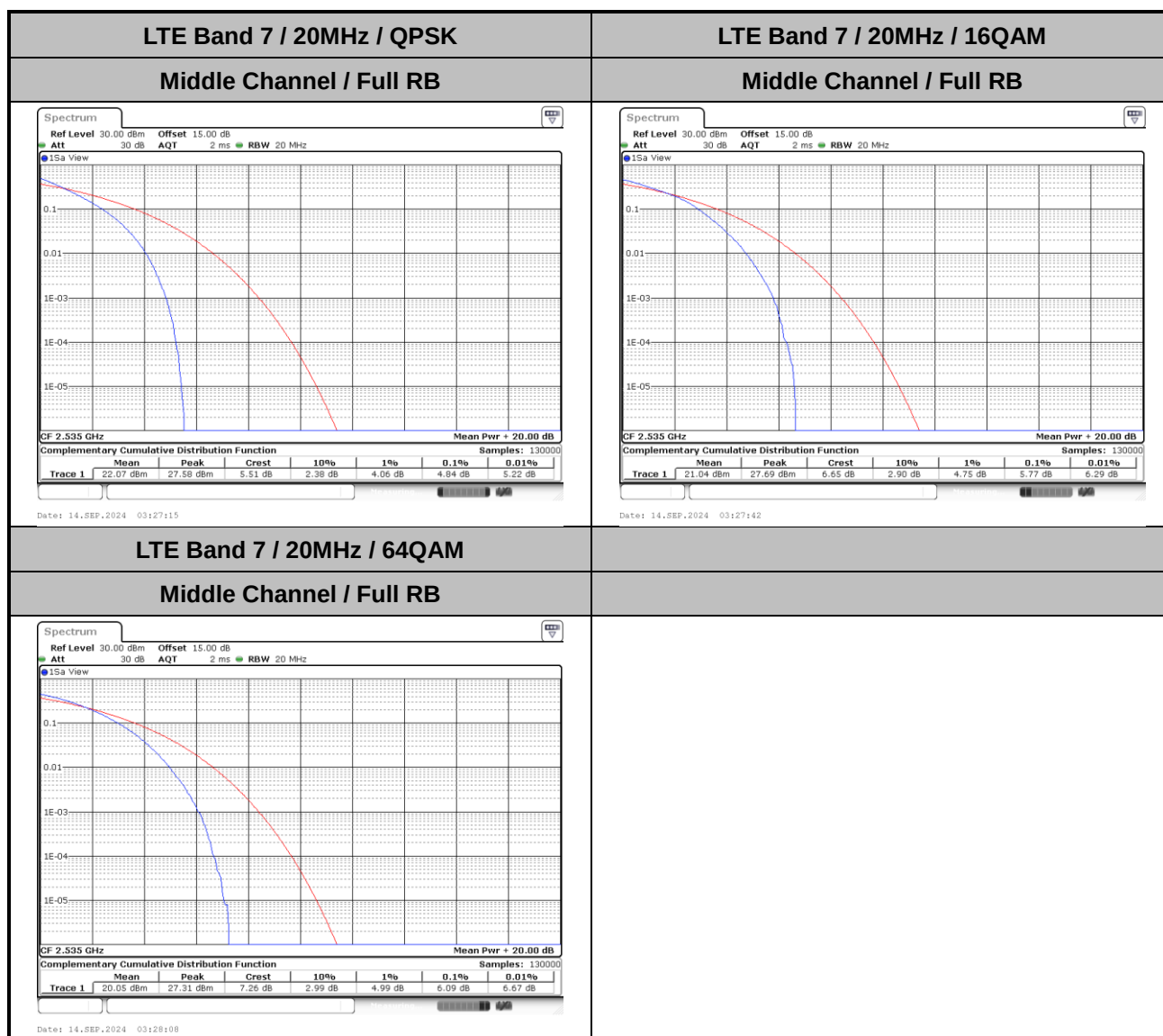
1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage = 4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7

Peak-to-Average Ratio

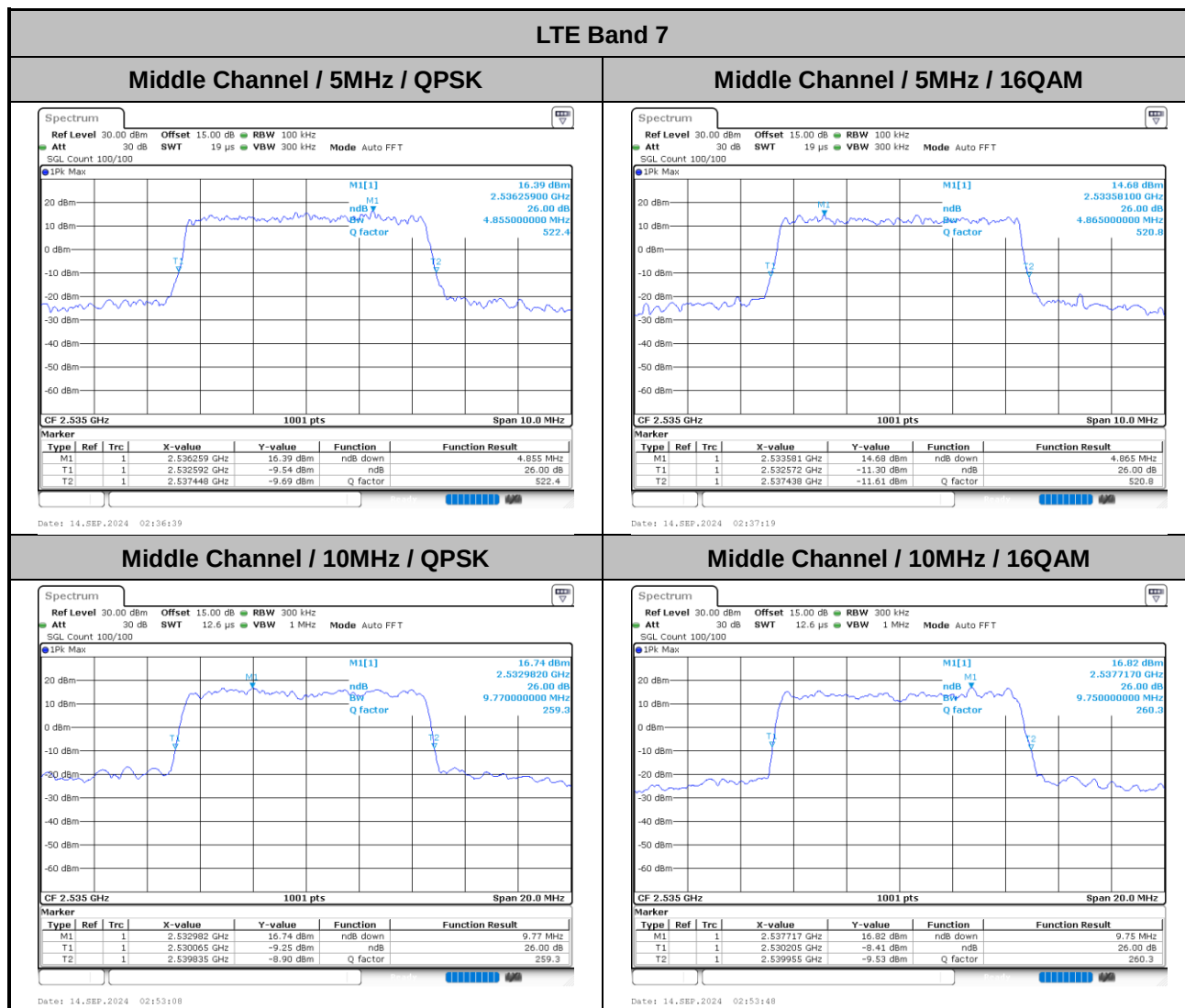
Mode	LTE Band 7 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.84	5.77	6.09	PASS





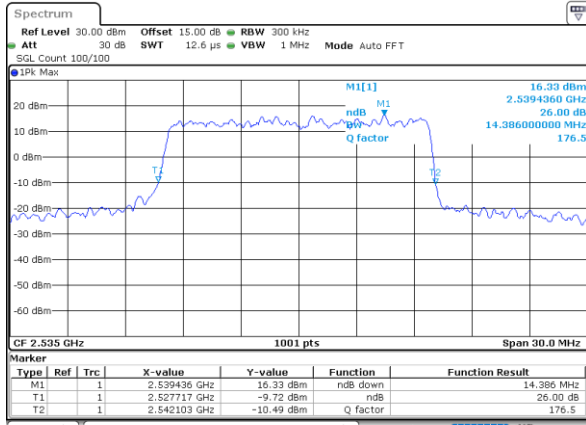
26dB Bandwidth

Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.86	4.87	9.77	9.75	14.39	14.09	18.78	18.90



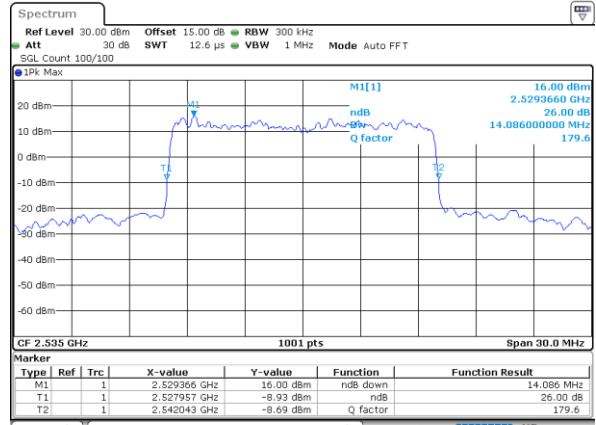


Middle Channel / 15MHz / QPSK



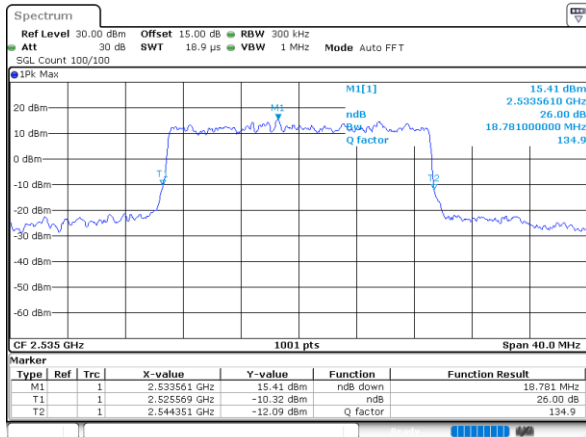
Date: 14.SEP.2024 03:09:38

Middle Channel / 15MHz / 16QAM



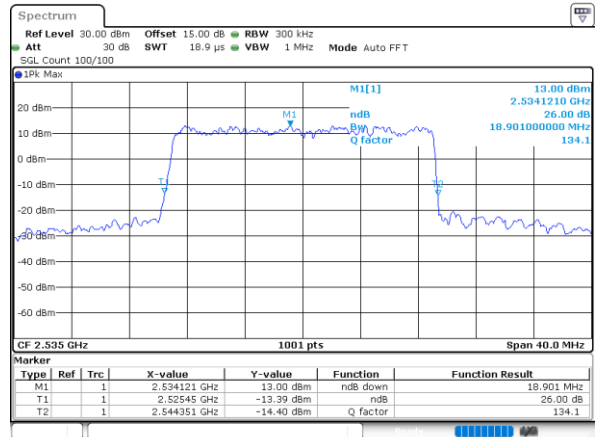
Date: 14.SEP.2024 03:10:18

Middle Channel / 20MHz / QPSK



Date: 14.SEP.2024 03:26:08

Middle Channel / 20MHz / 16QAM

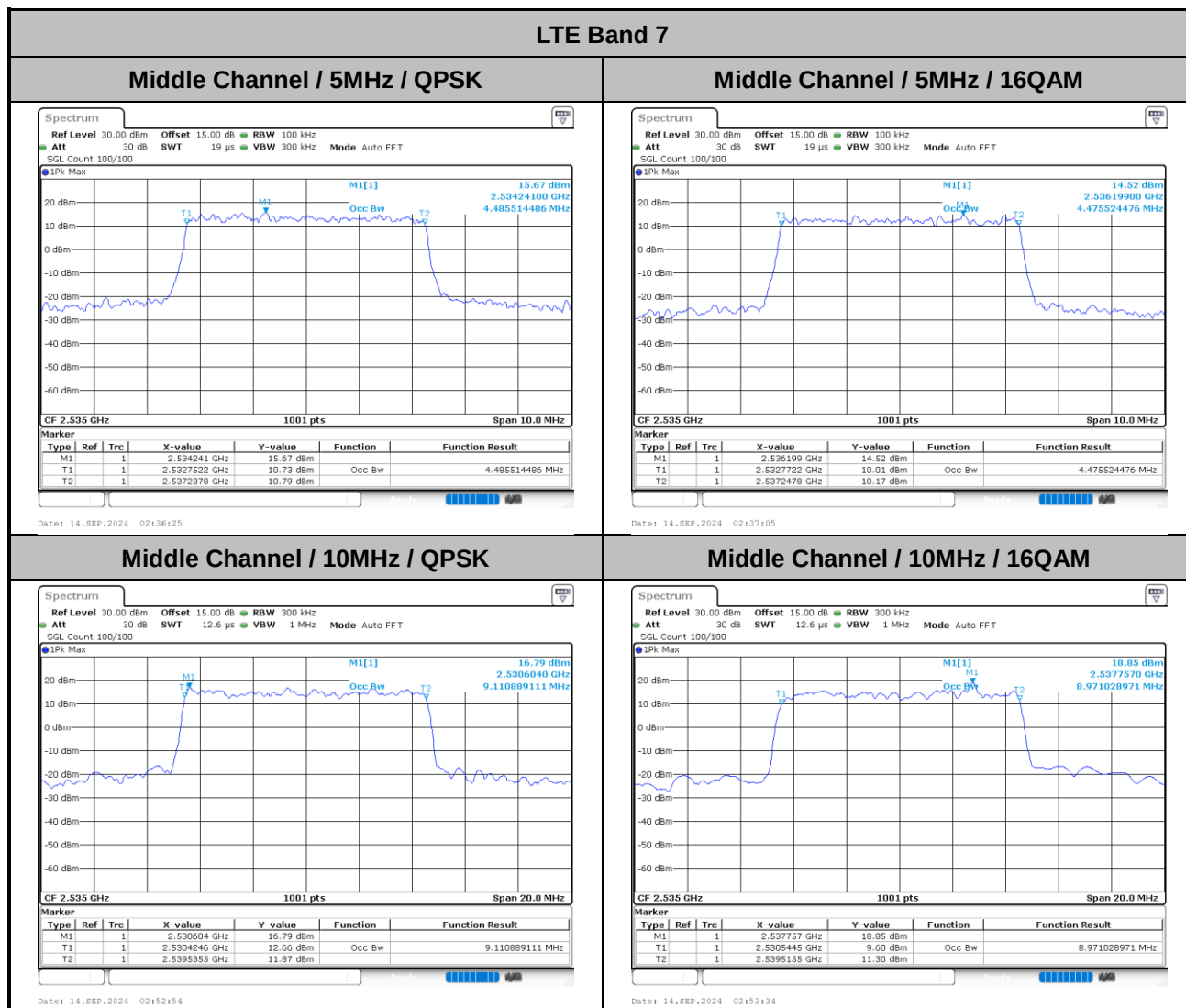


Date: 14.SEP.2024 03:26:48



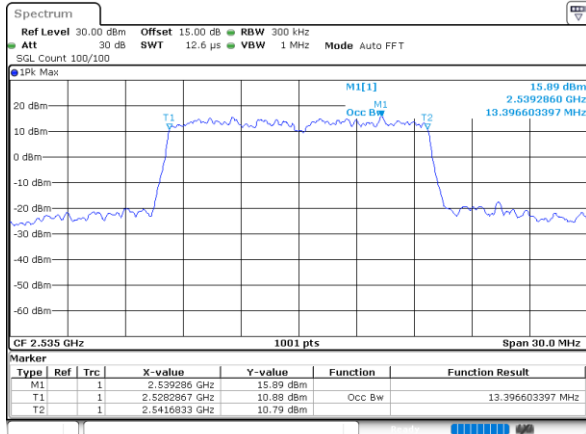
Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.49	4.48	9.11	8.97	13.40	13.43	17.90	17.90



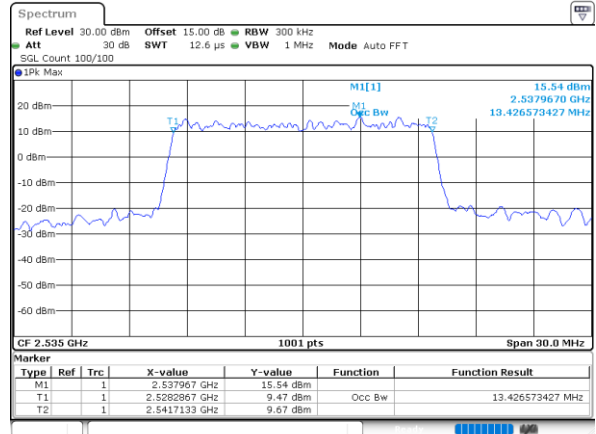


Middle Channel / 15MHz / QPSK



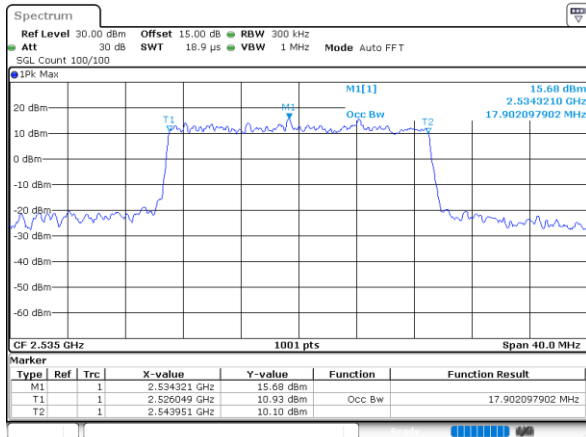
Date: 14.SEP.2024 03:09:24

Middle Channel / 15MHz / 16QAM



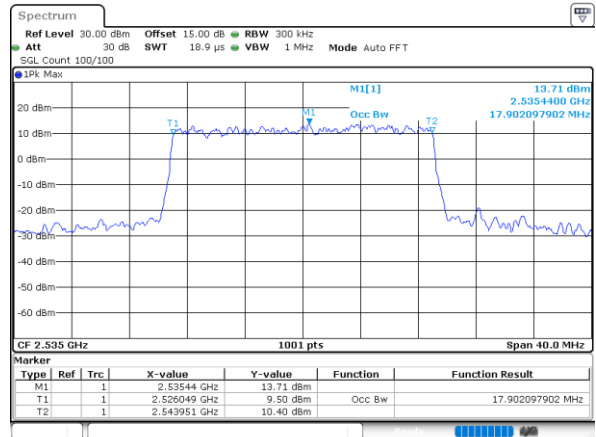
Date: 14.SEP.2024 03:10:04

Middle Channel / 20MHz / QPSK



Date: 14.SEP.2024 03:25:55

Middle Channel / 20MHz / 16QAM



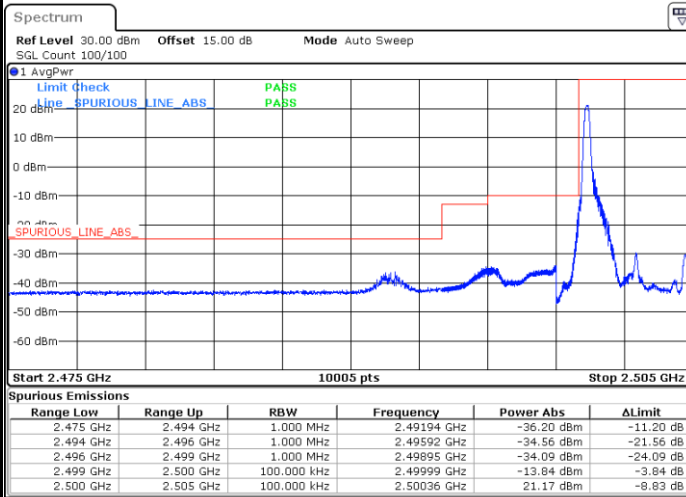
Date: 14.SEP.2024 03:26:34



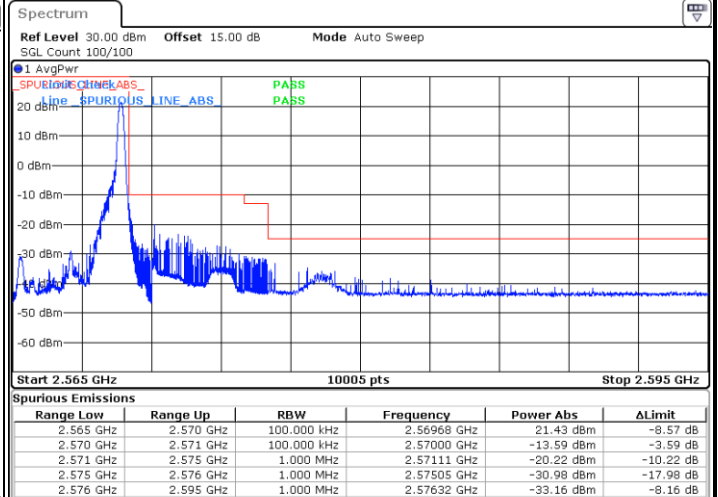
Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

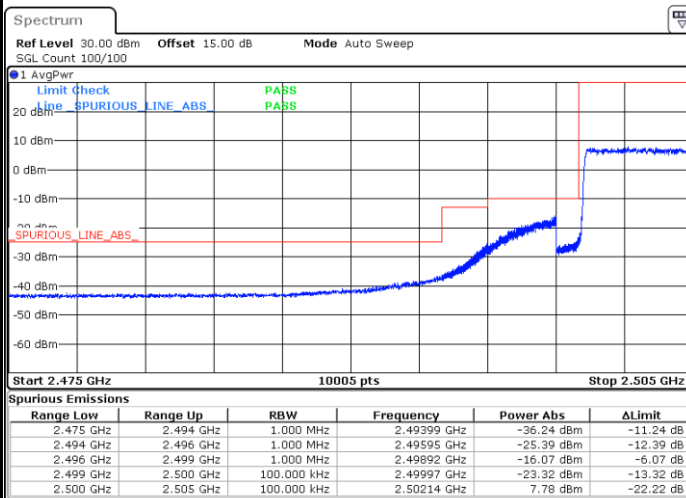
Lowest Band Edge / 1 RB



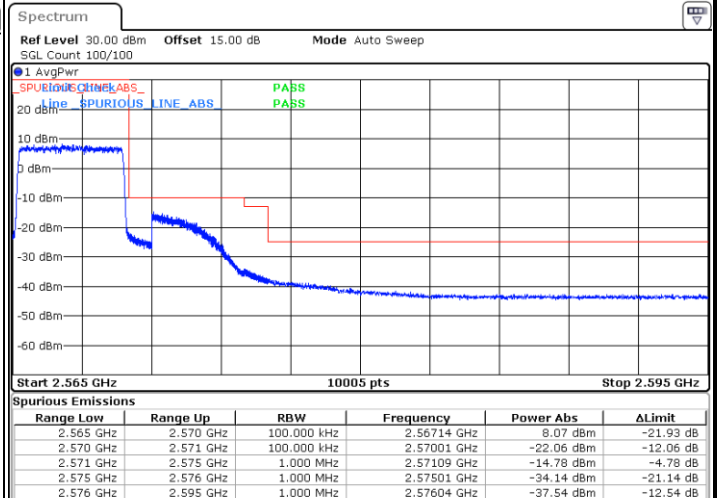
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



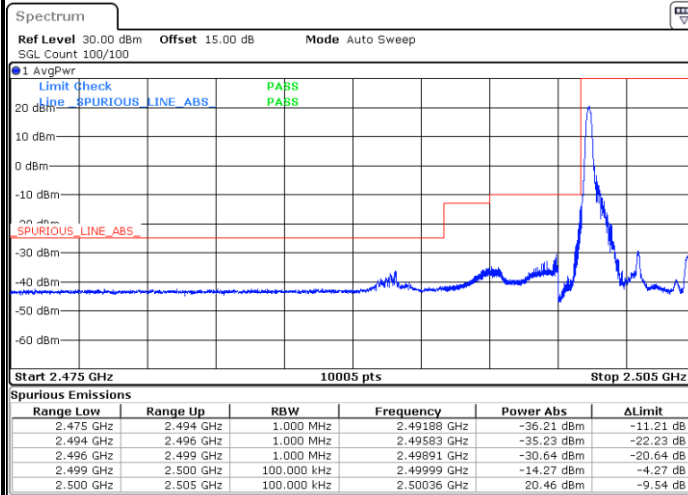
Highest Band Edge / Full RB



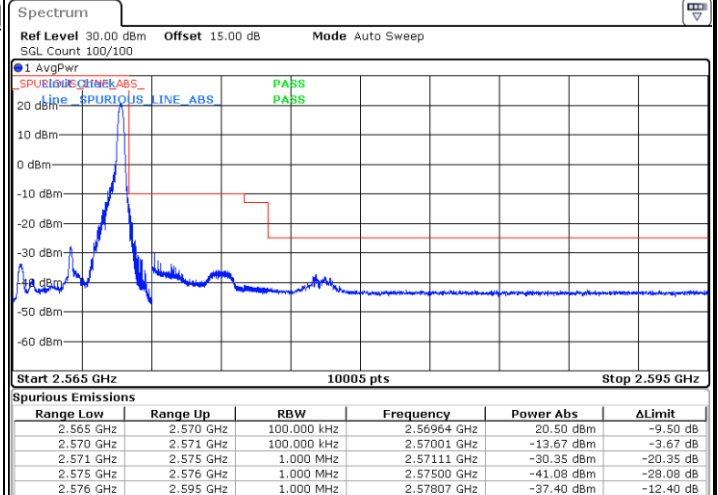


LTE Band 7 / 5MHz / 16QAM

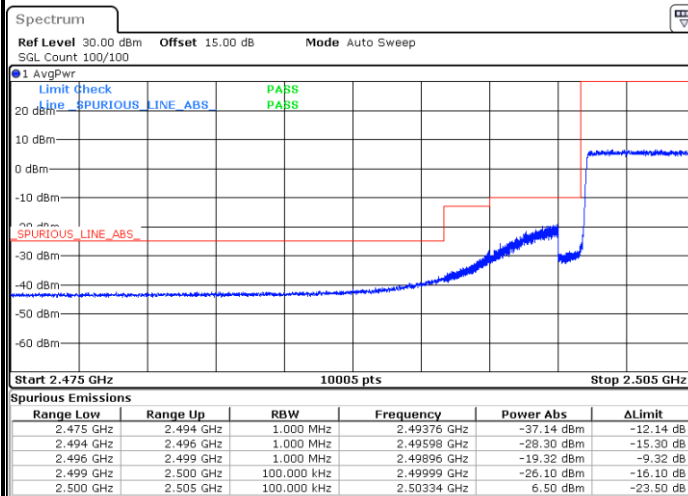
Lowest Band Edge / 1RB



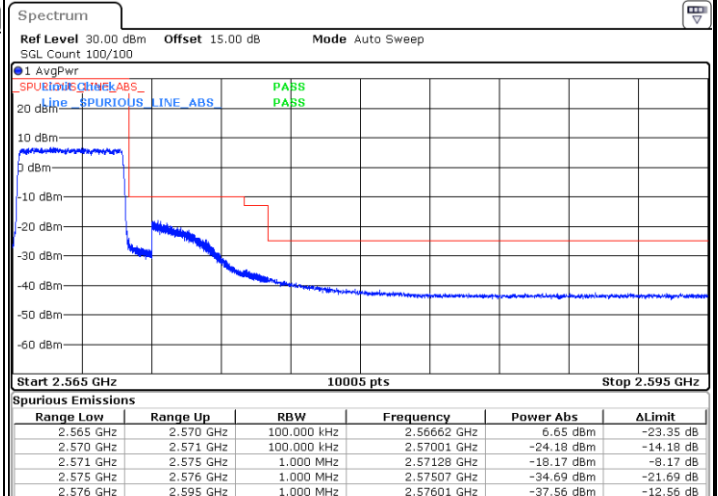
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



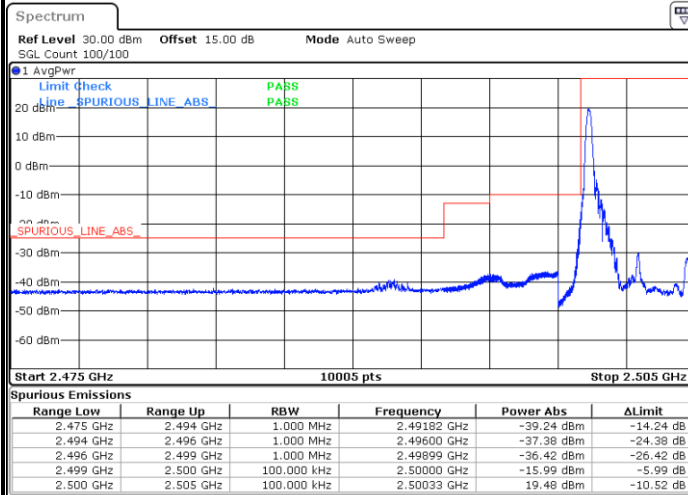
Highest Band Edge / Full RB



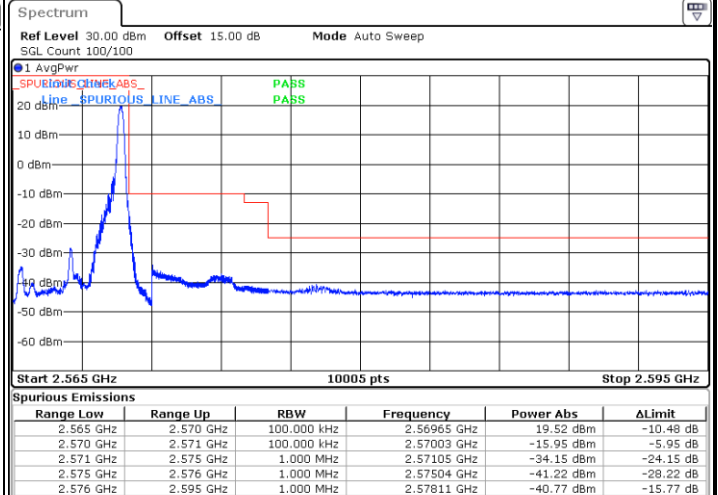


LTE Band 7 / 5MHz / 64QAM

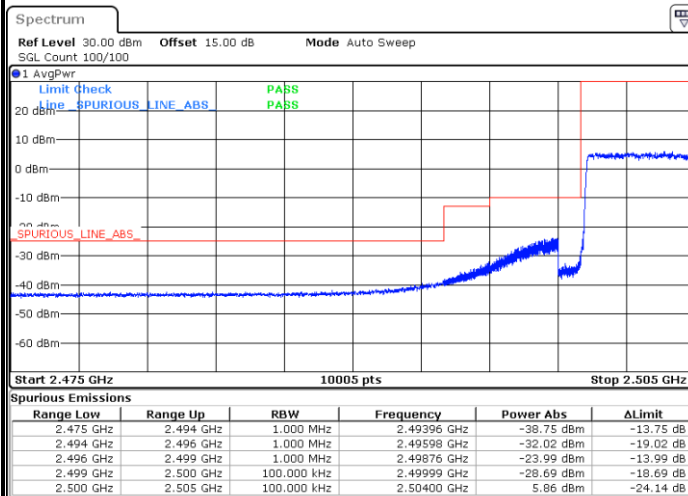
Lowest Band Edge / 1RB



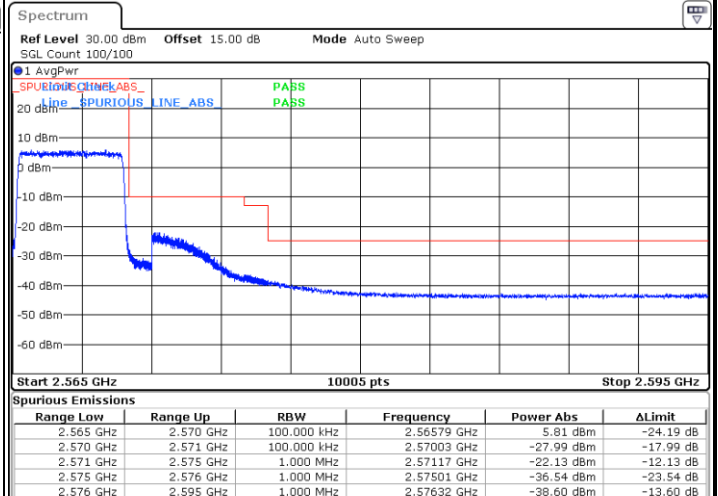
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



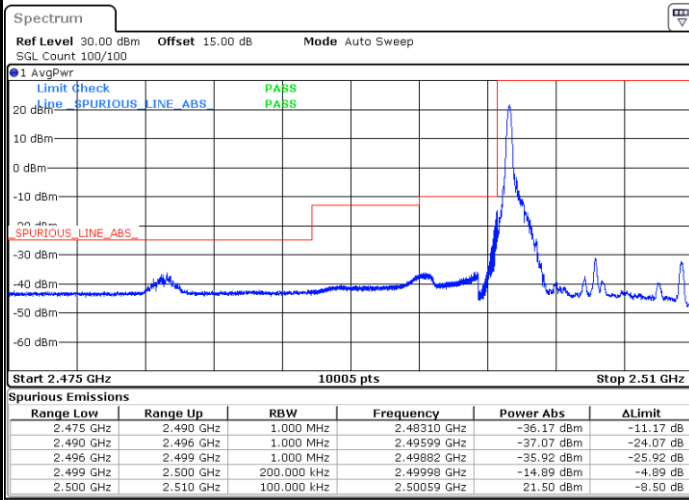
Highest Band Edge / Full RB



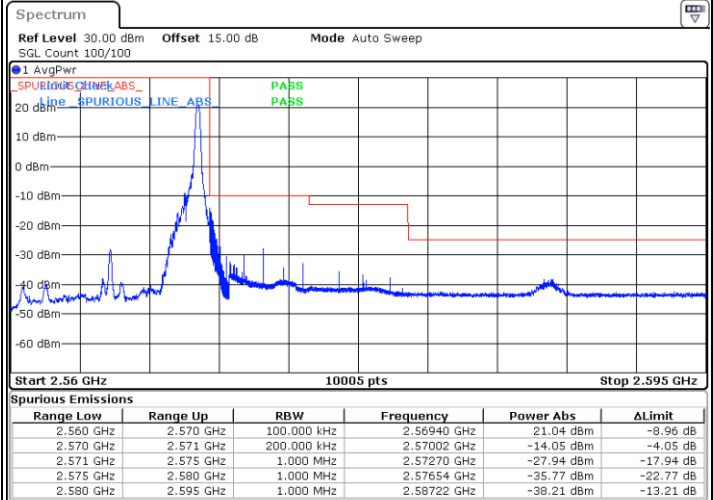


LTE Band 7 / 10MHz / QPSK

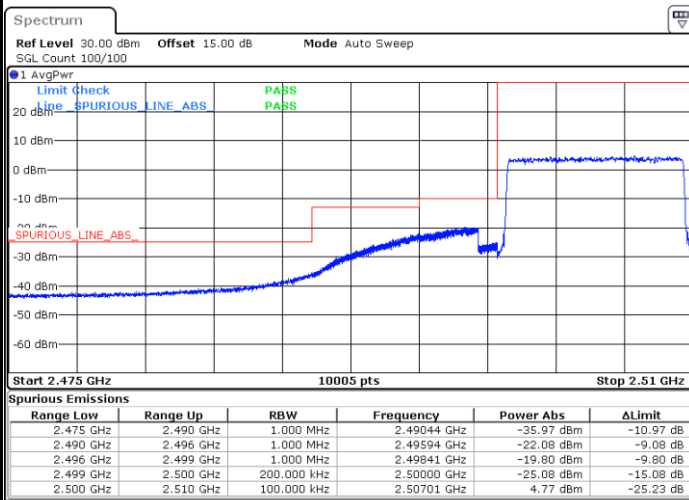
Lowest Band Edge / 1 RB



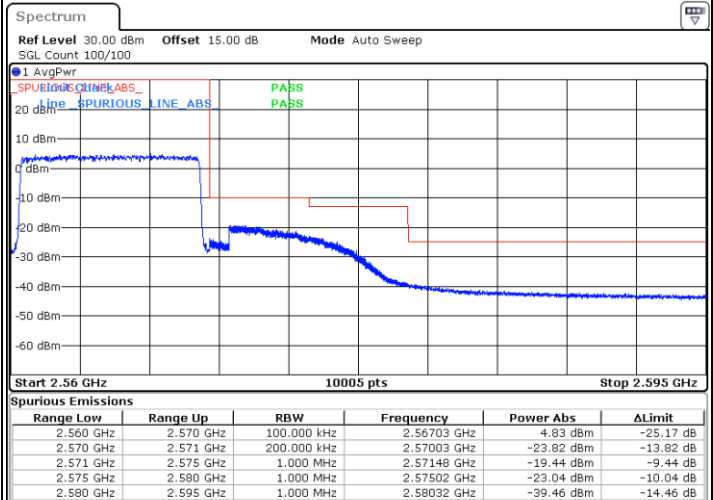
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



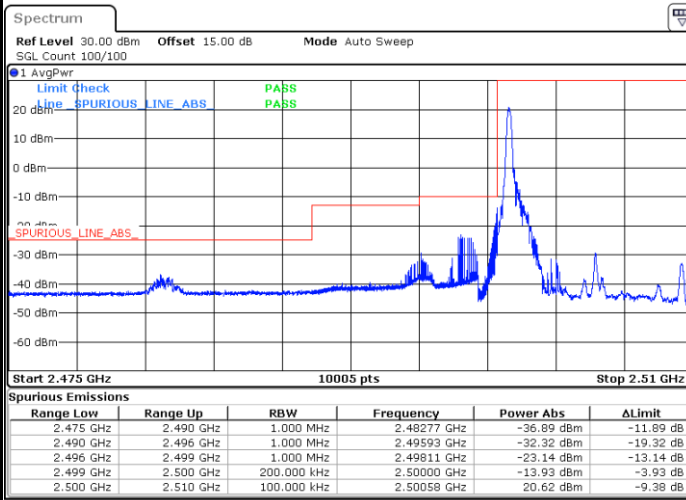
Highest Band Edge / Full RB



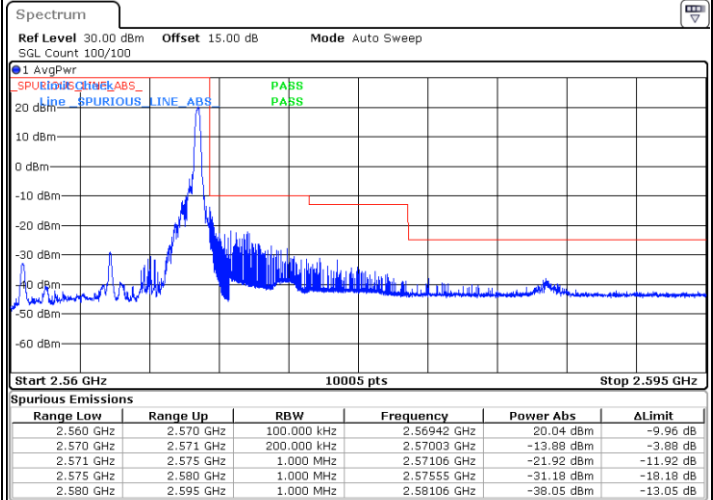


LTE Band 7 / 10MHz / 16QAM

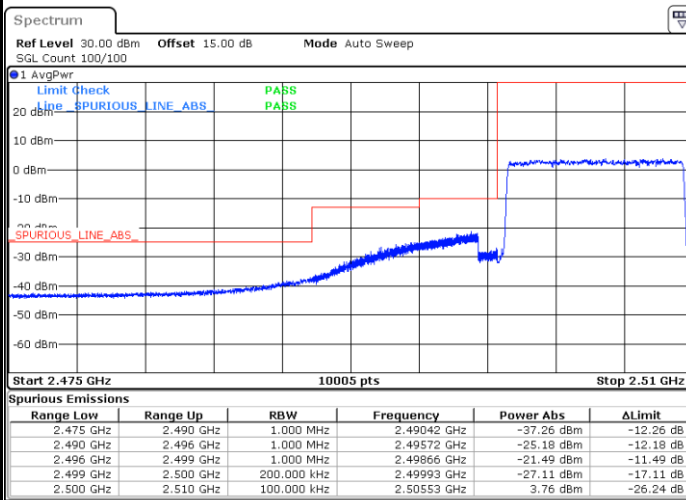
Lowest Band Edge / 1RB



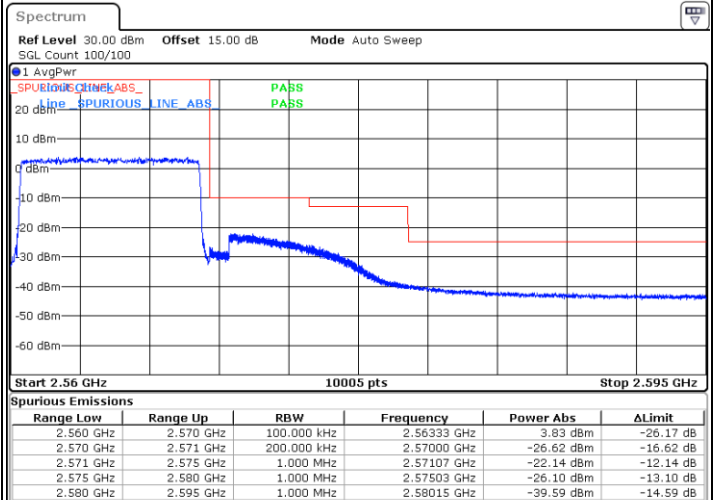
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



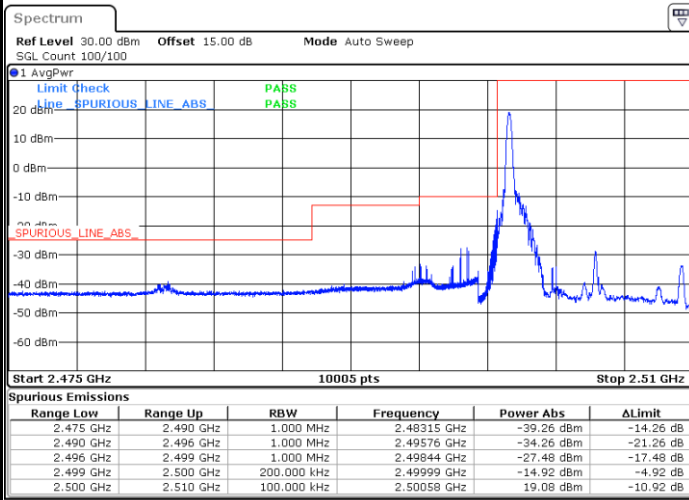
Highest Band Edge / Full RB



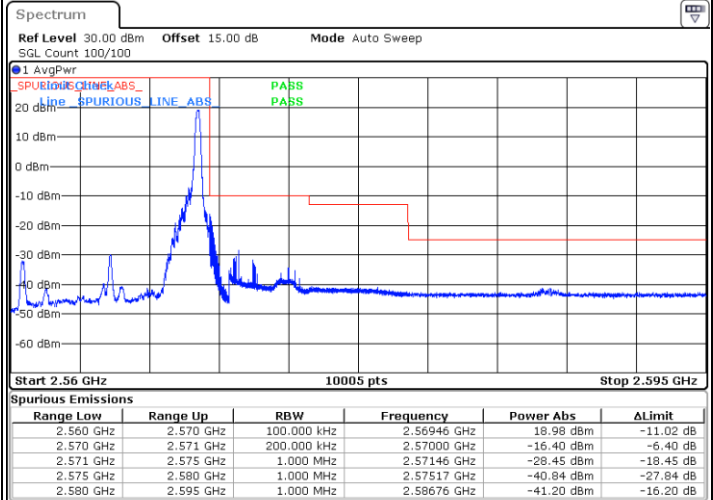


LTE Band 7 / 10MHz / 64QAM

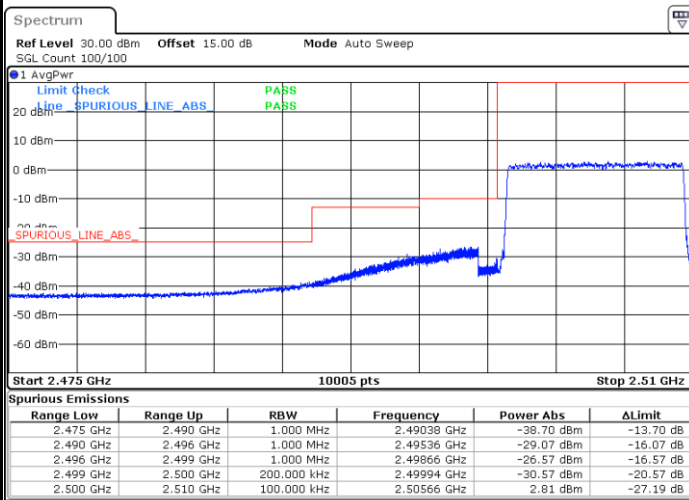
Lowest Band Edge / 1RB



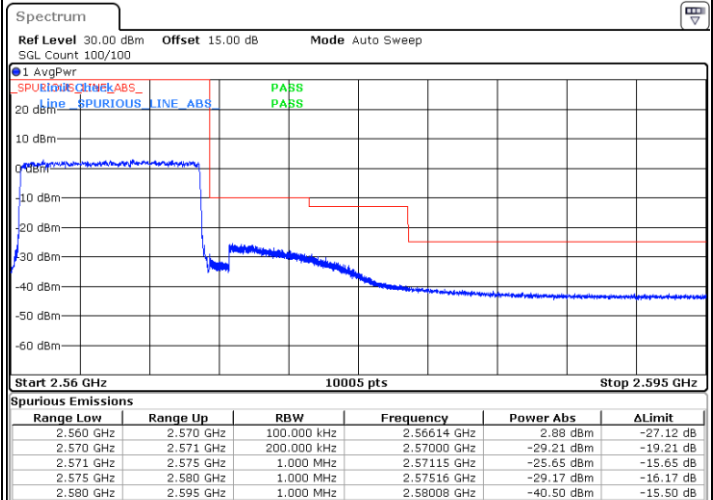
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



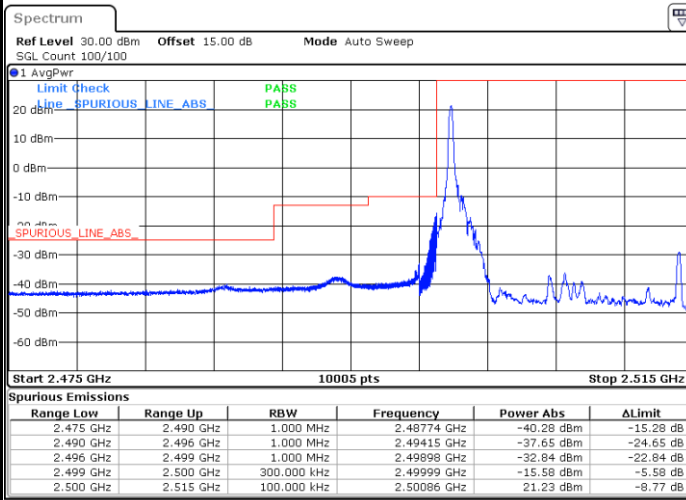
Highest Band Edge / Full RB



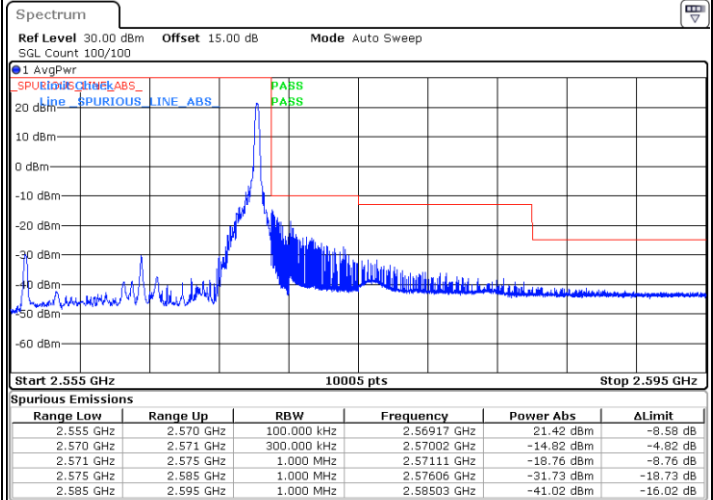


LTE Band 7 / 15MHz / QPSK

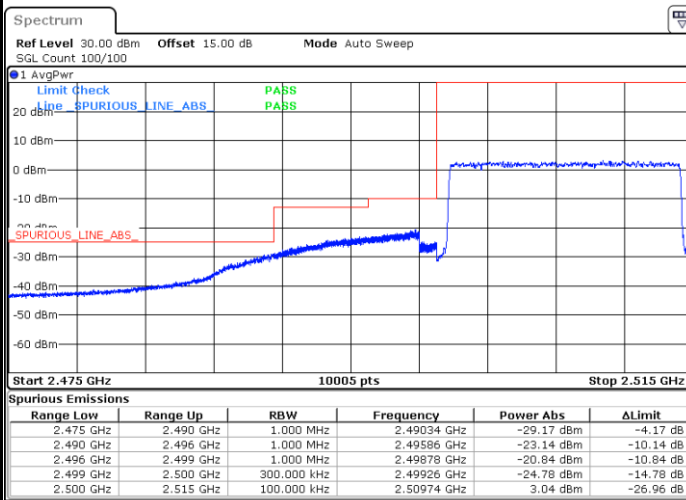
Lowest Band Edge / 1 RB



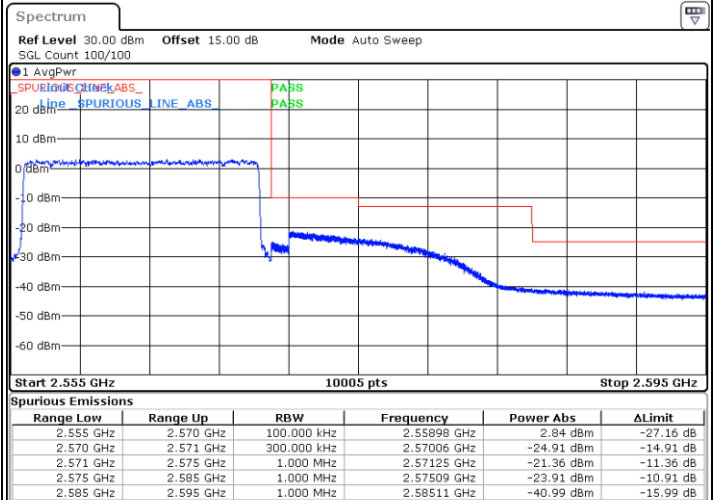
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



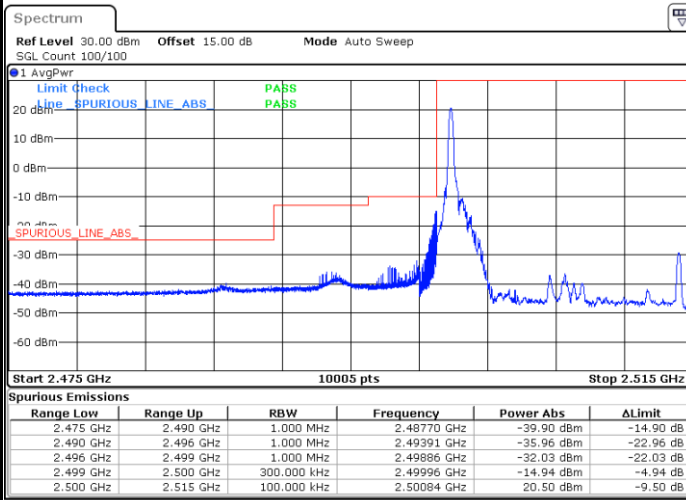
Highest Band Edge / Full RB



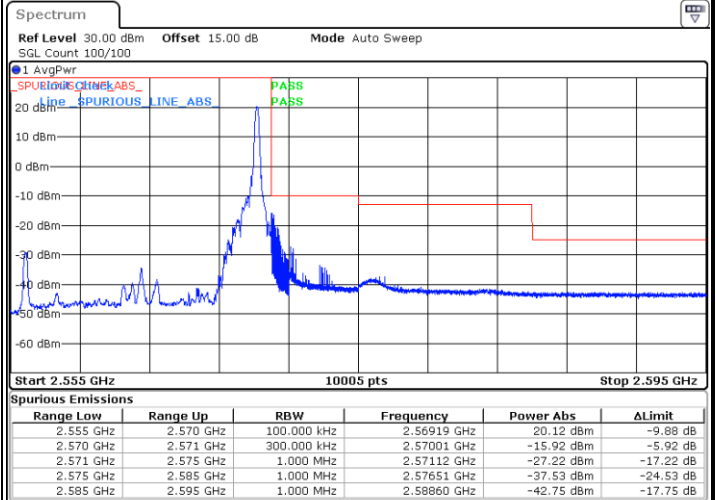


LTE Band 7 / 15MHz / 16QAM

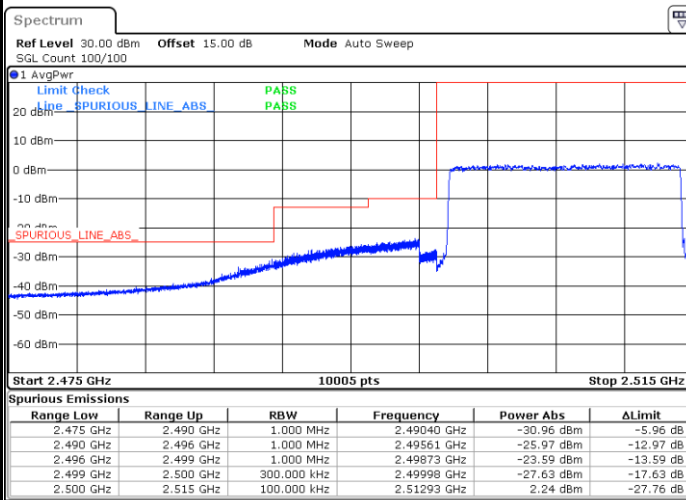
Lowest Band Edge / 1RB



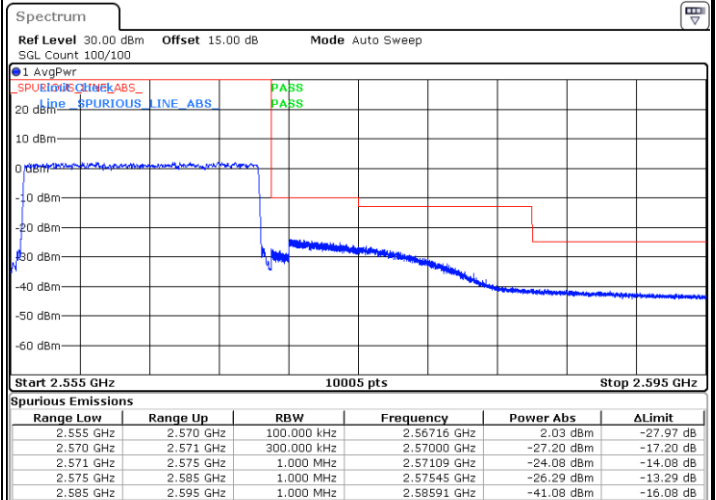
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



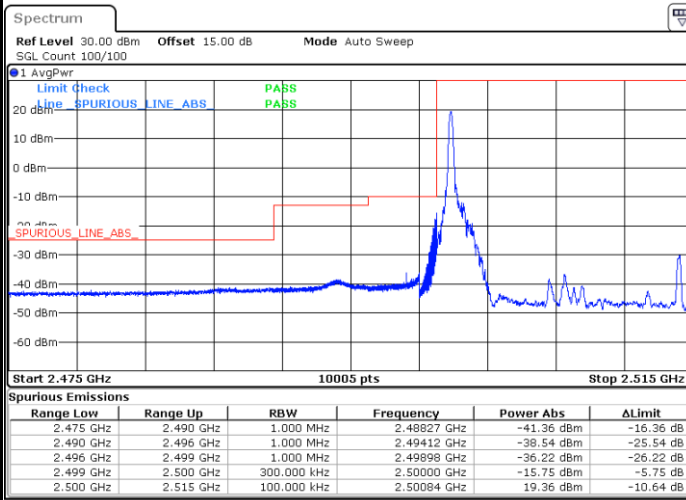
Highest Band Edge / Full RB



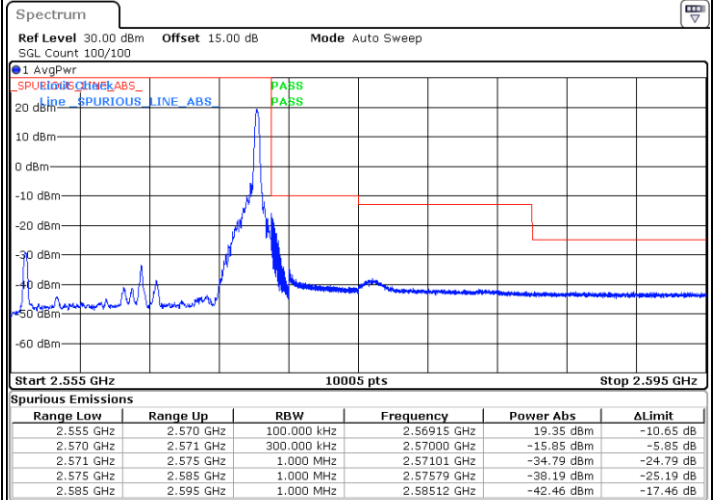


LTE Band 7 / 15MHz / 64QAM

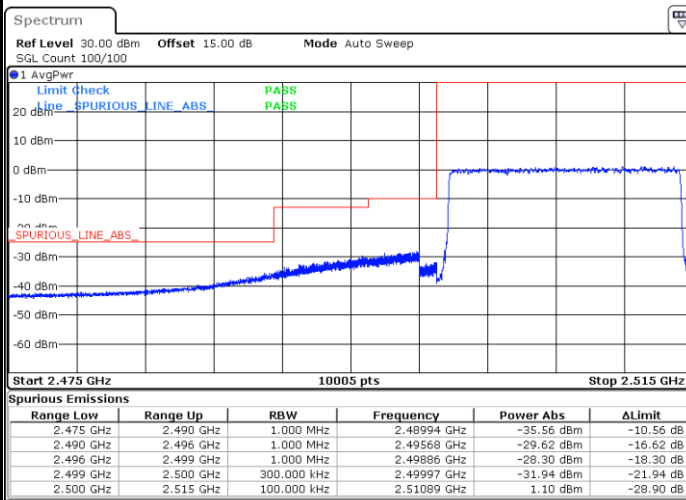
Lowest Band Edge / 1RB



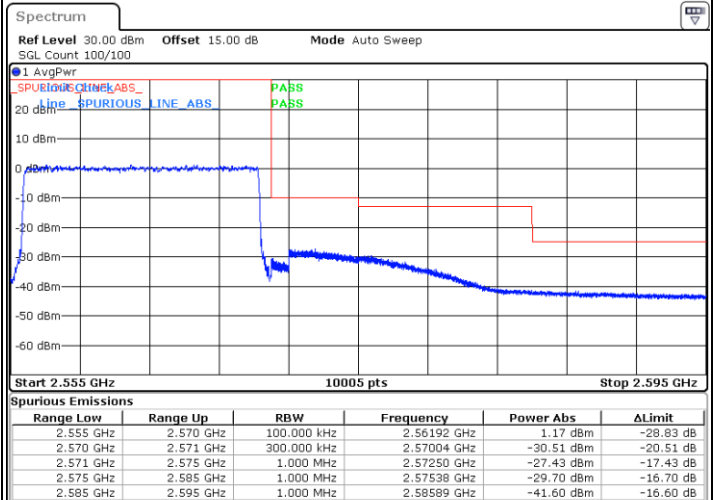
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



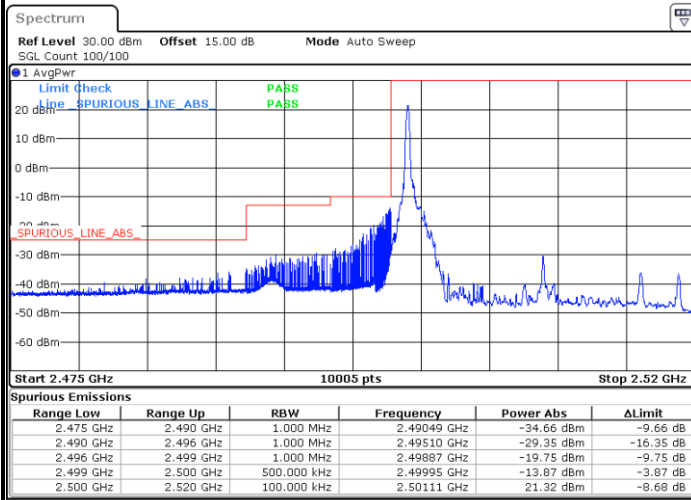
Highest Band Edge / Full RB



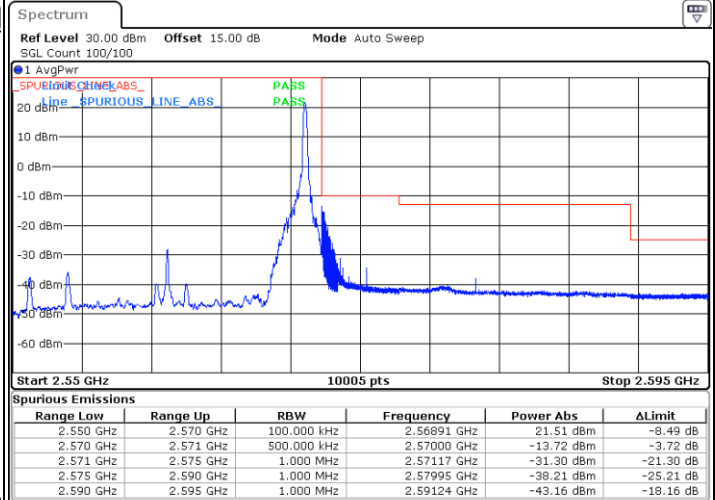


LTE Band 7 / 20MHz / QPSK

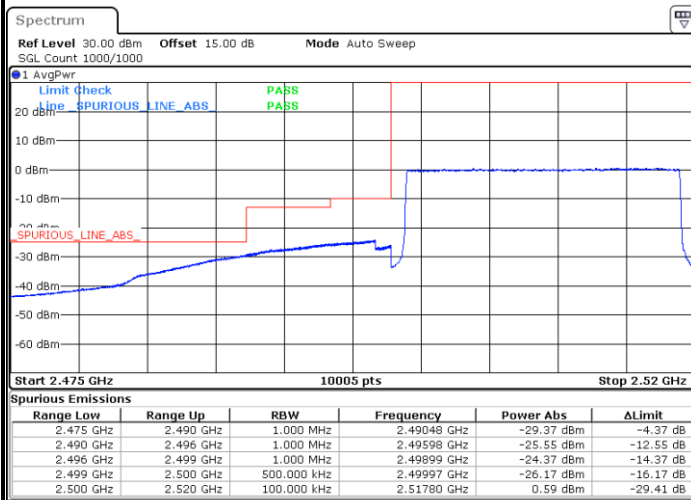
Lowest Band Edge / 1 RB



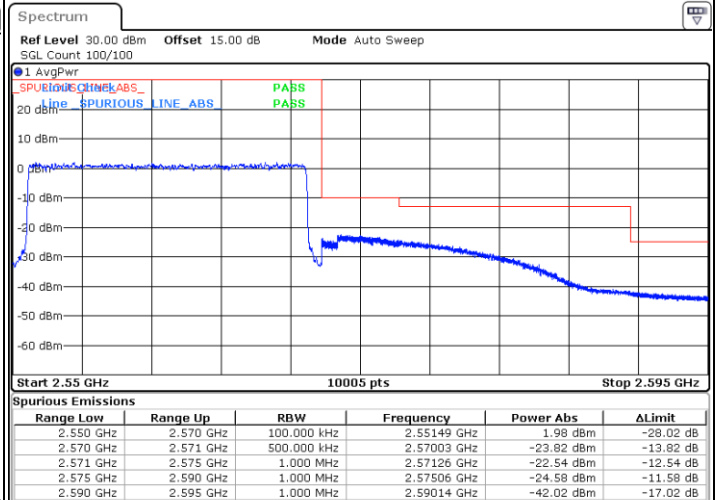
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



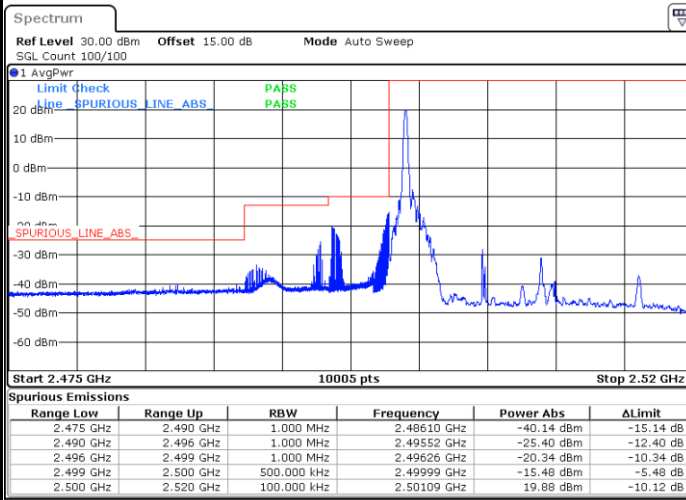
Highest Band Edge / Full RB



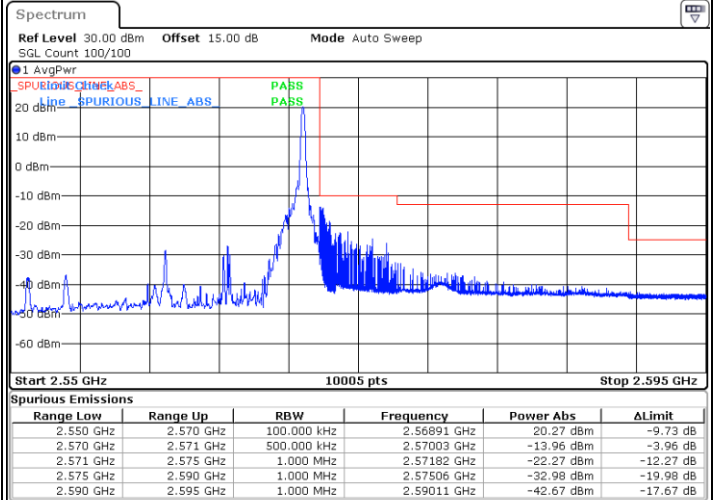


LTE Band 7 / 20MHz / 16QAM

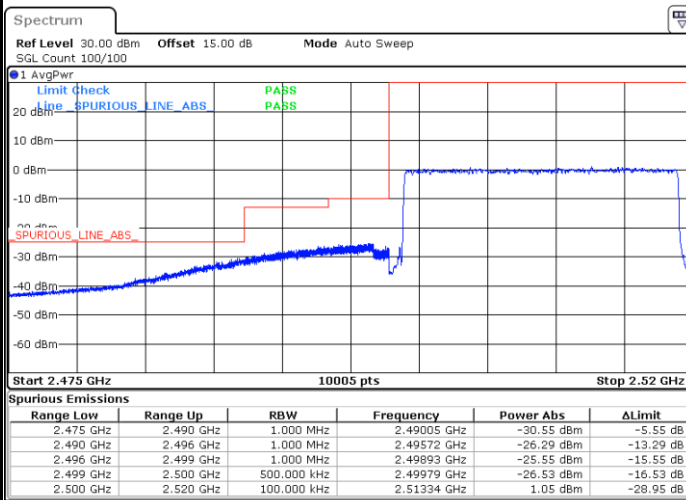
Lowest Band Edge / 1RB



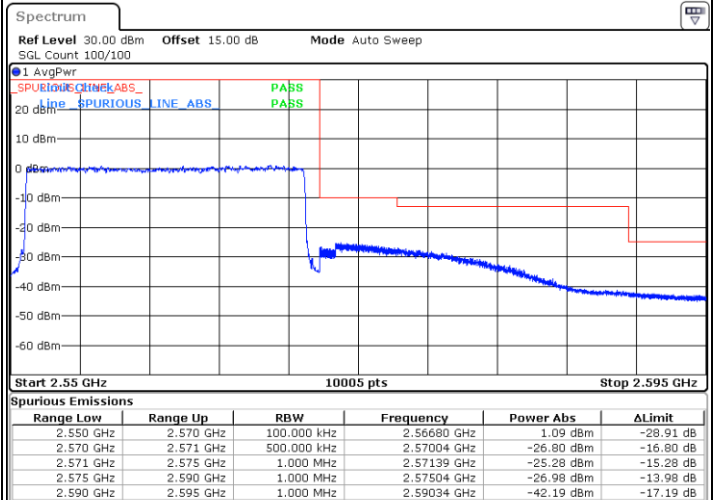
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



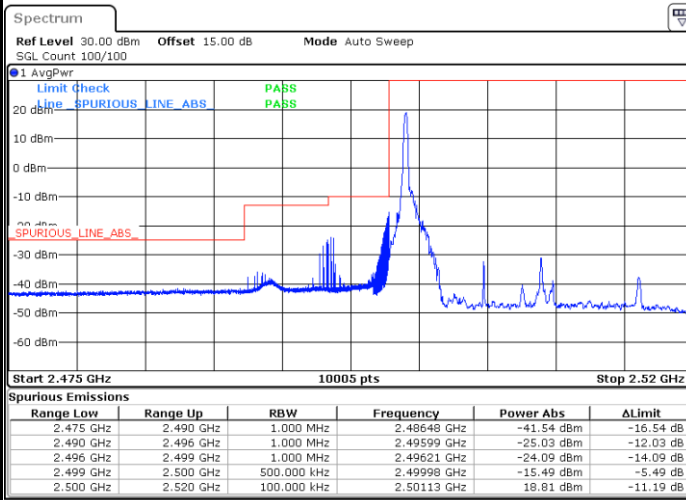
Highest Band Edge / Full RB



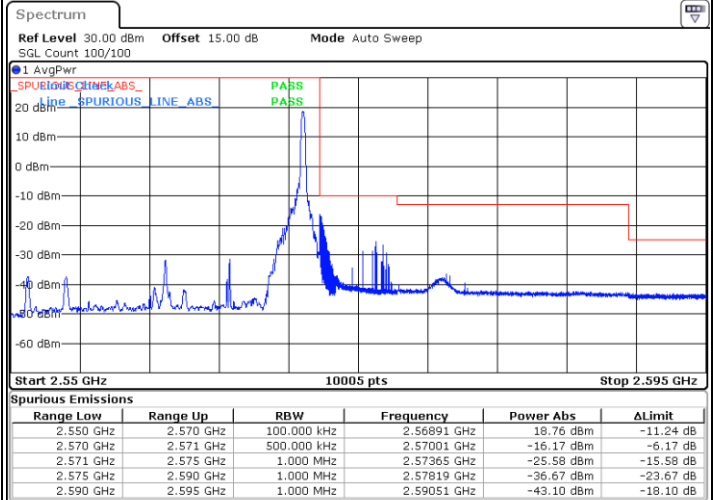


LTE Band 7 / 20MHz / 64QAM

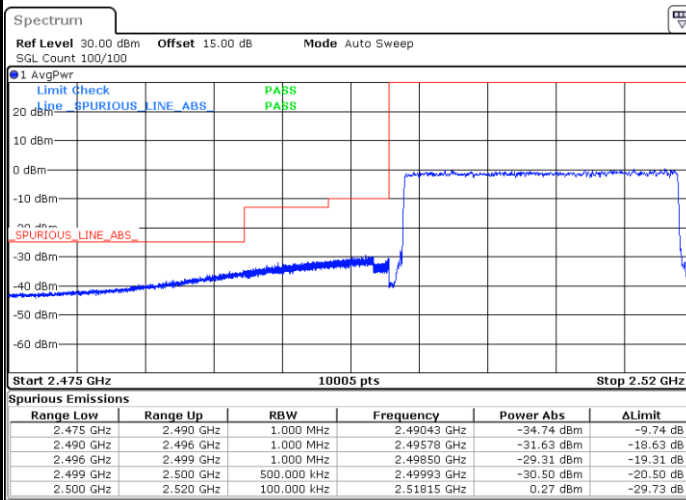
Lowest Band Edge / 1RB



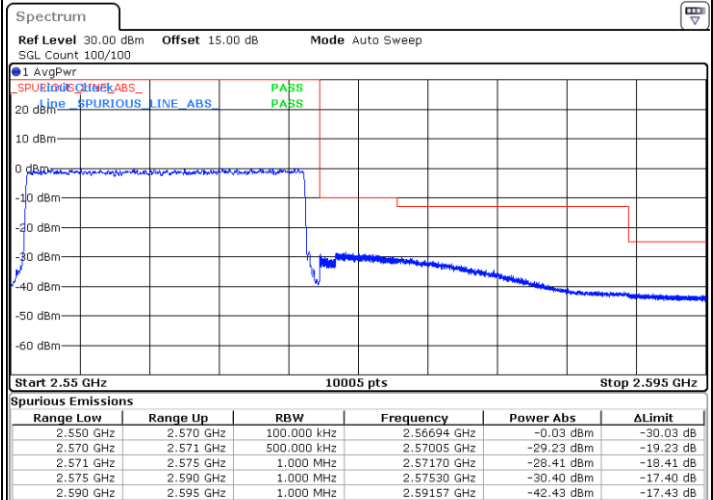
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

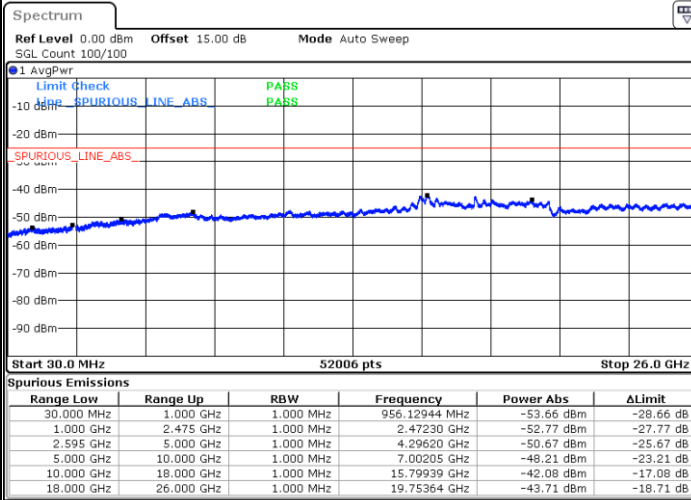




Conducted Spurious Emission

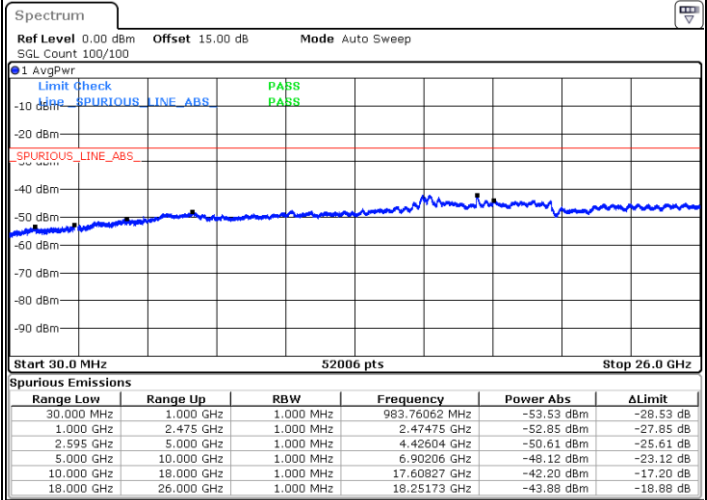
LTE Band 7 / 5MHz

Lowest Channel / QPSK



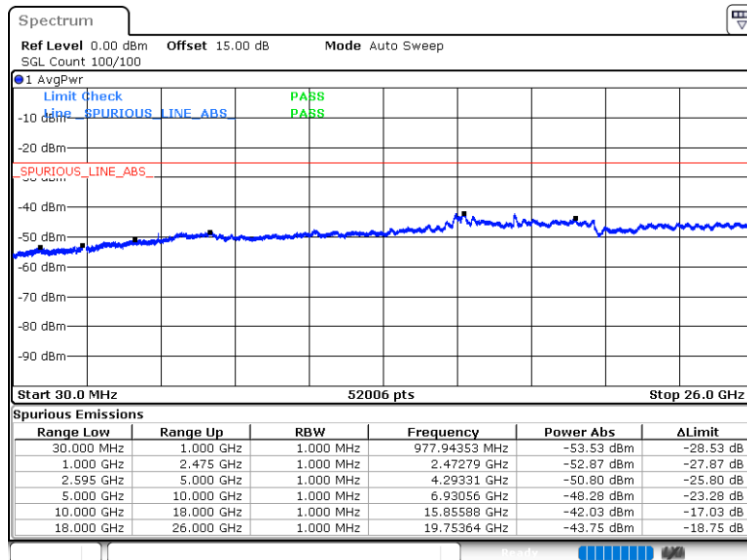
Date: 14.SEP.2024 02:34:34

Middle Channel / QPSK



Date: 14.SEP.2024 02:35:59

Highest Channel / QPSK

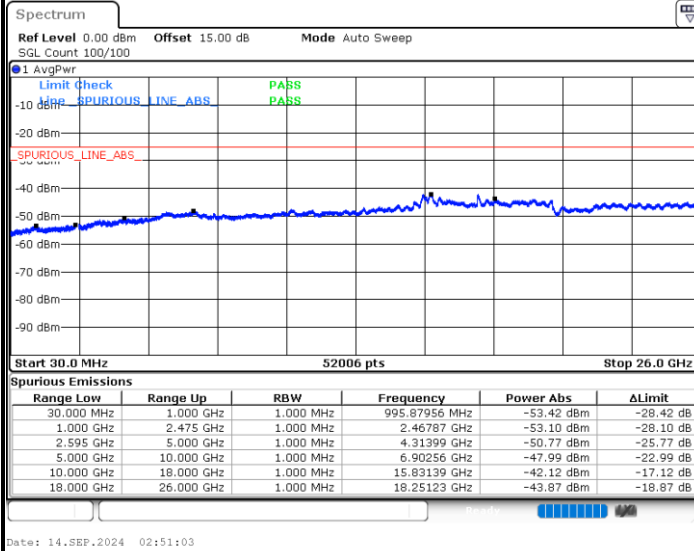


Date: 14.SEP.2024 02:43:49

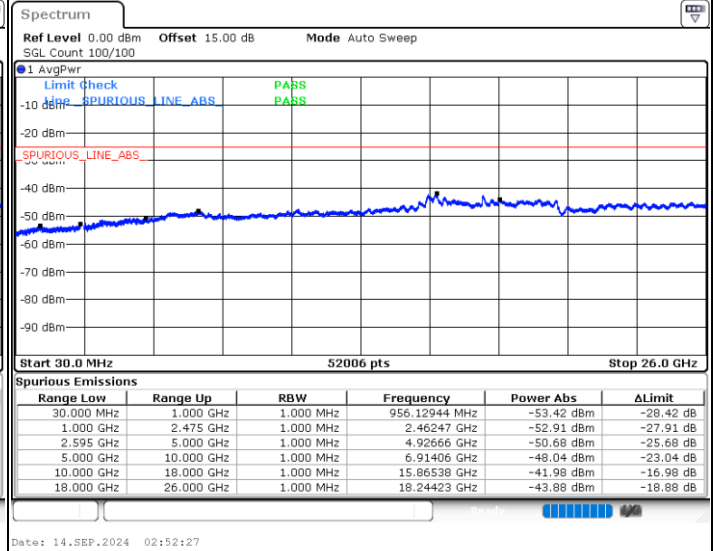


LTE Band 7 / 10MHz

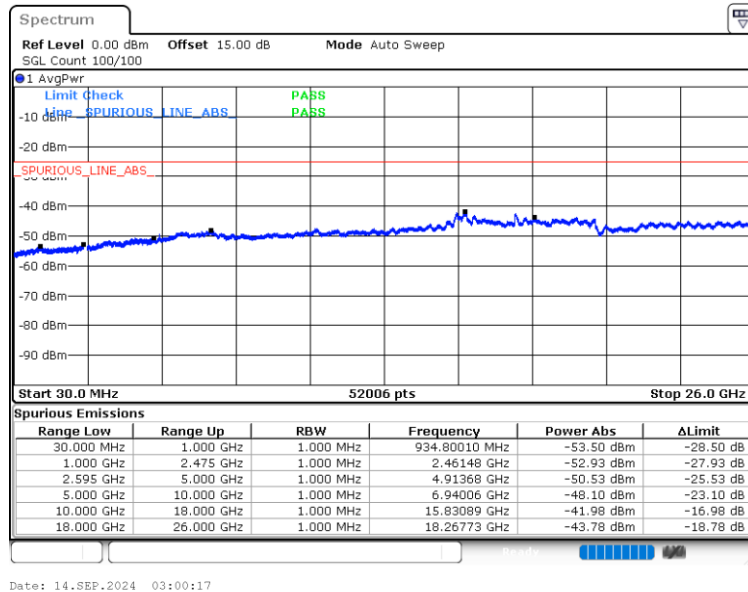
Lowest Channel / QPSK



Middle Channel / QPSK



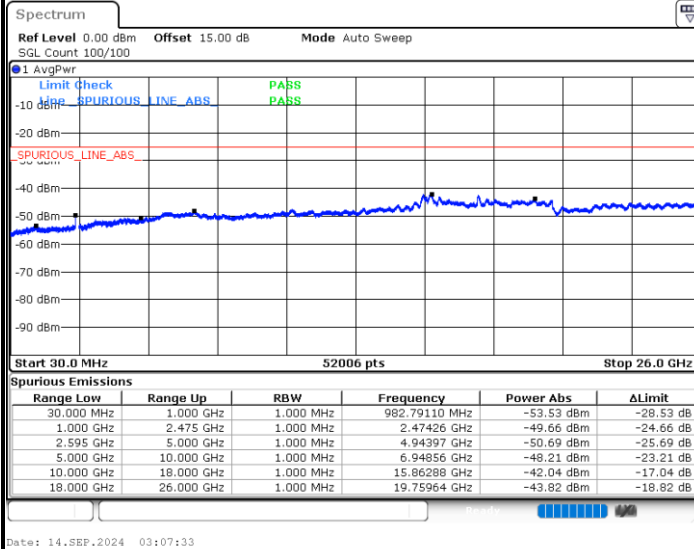
Highest Channel / QPSK



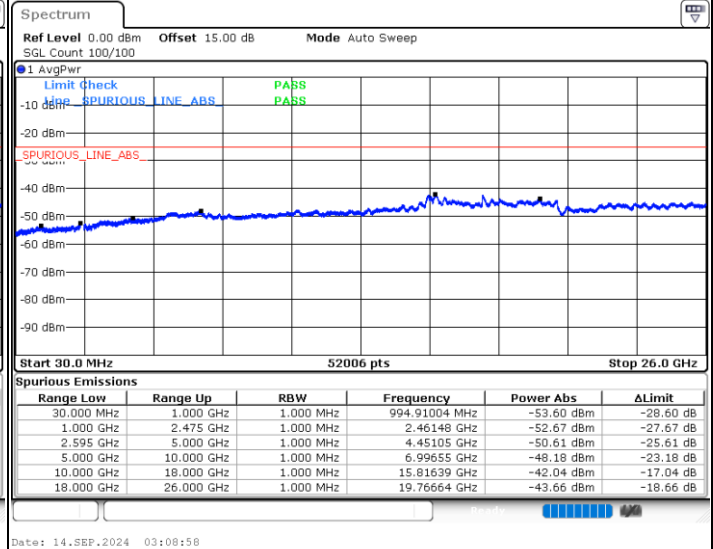


LTE Band 7 / 15MHz

Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

