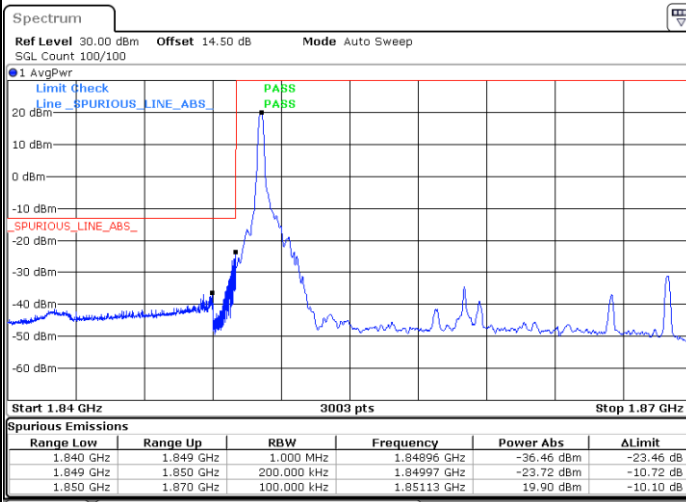




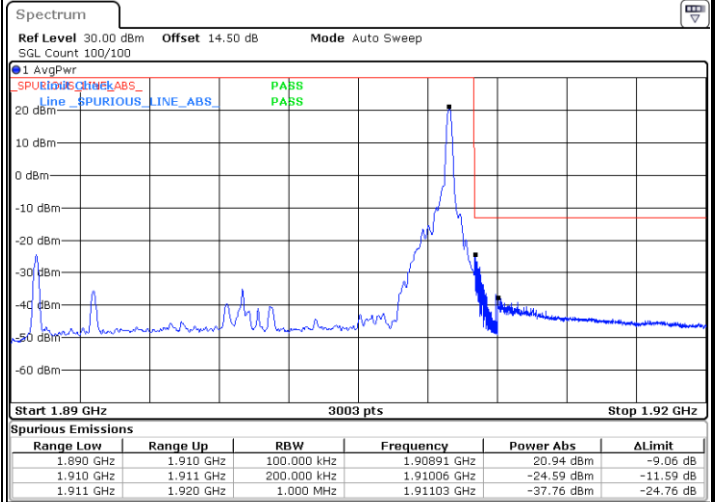
LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / 1RB



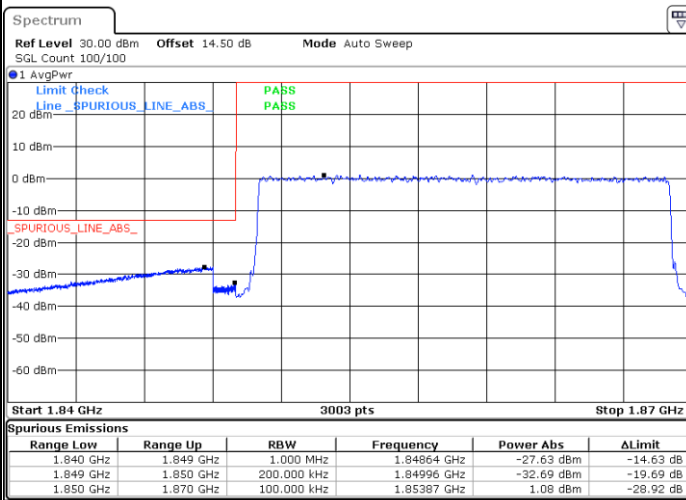
Date: 4.AUG.2023 17:11:41

Highest Band Edge / 1RB



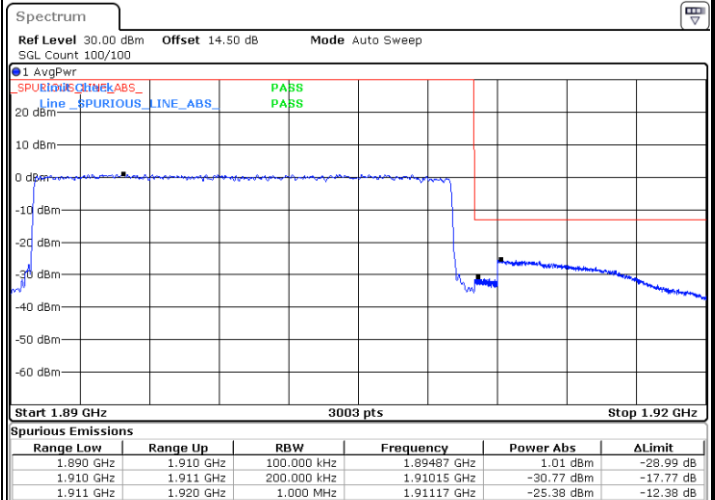
Date: 4.AUG.2023 17:20:37

Lowest Band Edge / Full RB



Date: 4.AUG.2023 17:13:36

Highest Band Edge / Full RB

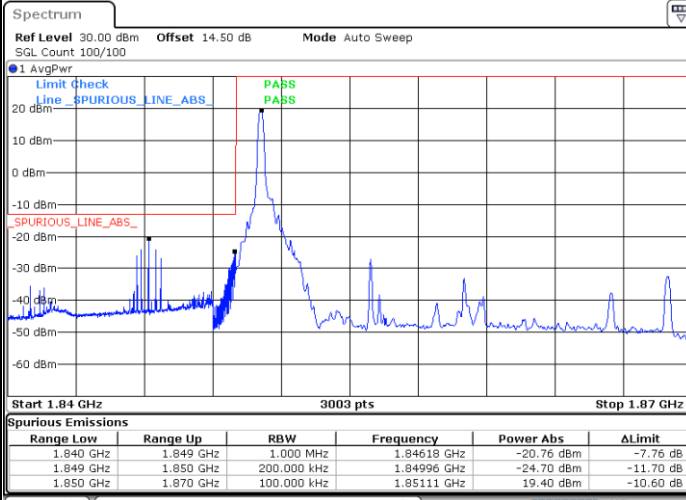


Date: 4.AUG.2023 17:22:32



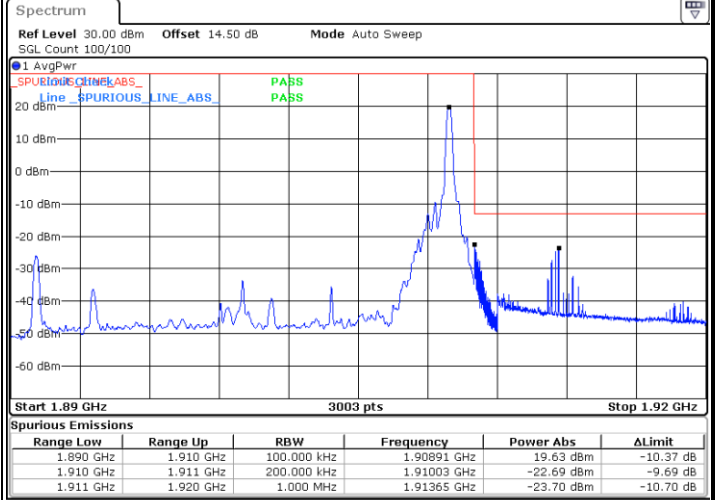
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



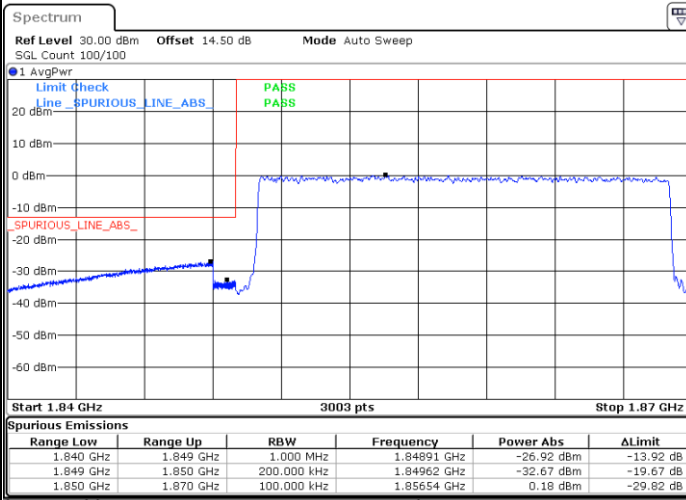
Date: 4.AUG.2023 17:12:19

Highest Band Edge / 1 RB



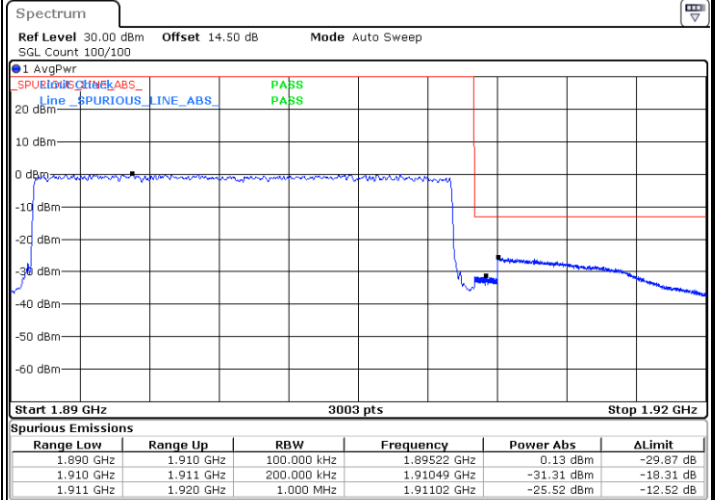
Date: 4.AUG.2023 17:21:15

Lowest Band Edge / Full RB



Date: 4.AUG.2023 17:14:14

Highest Band Edge / Full RB

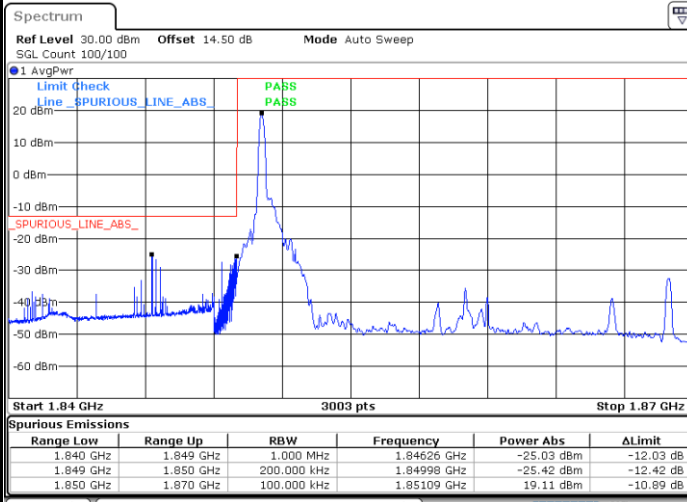


Date: 4.AUG.2023 17:23:10



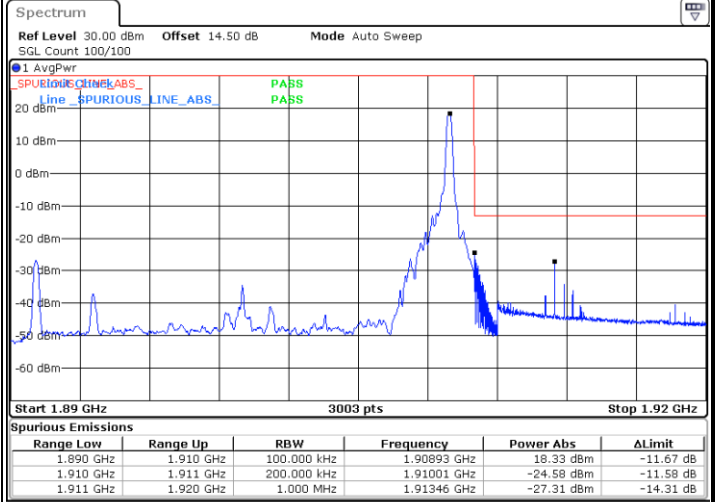
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



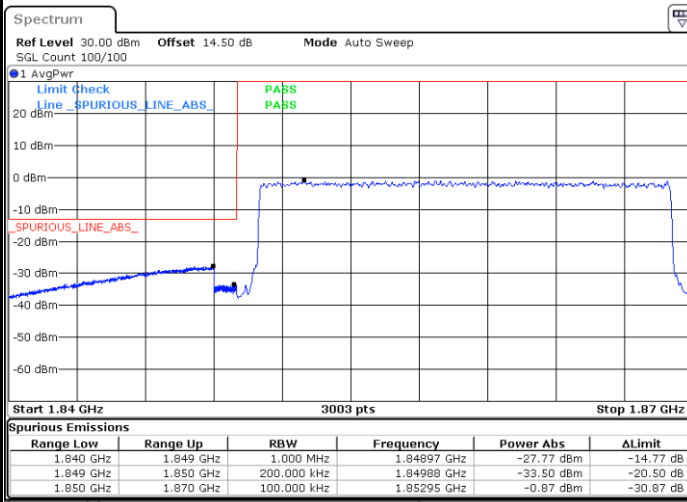
Date: 4.AUG.2023 17:12:57

Highest Band Edge / 1 RB



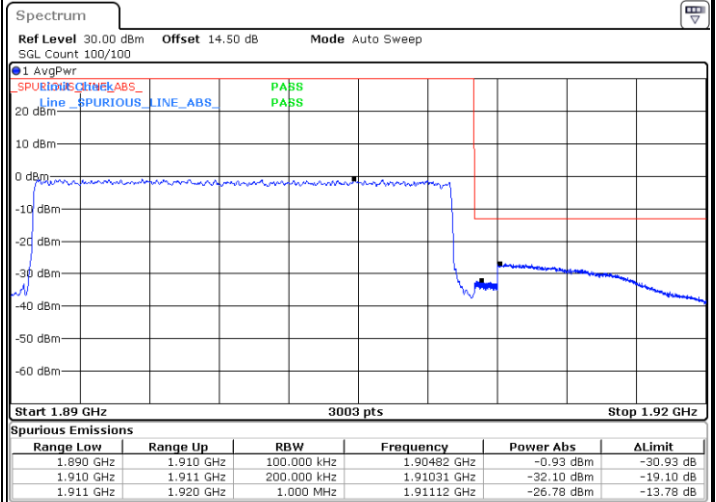
Date: 4.AUG.2023 17:21:53

Lowest Band Edge / Full RB



Date: 4.AUG.2023 17:14:52

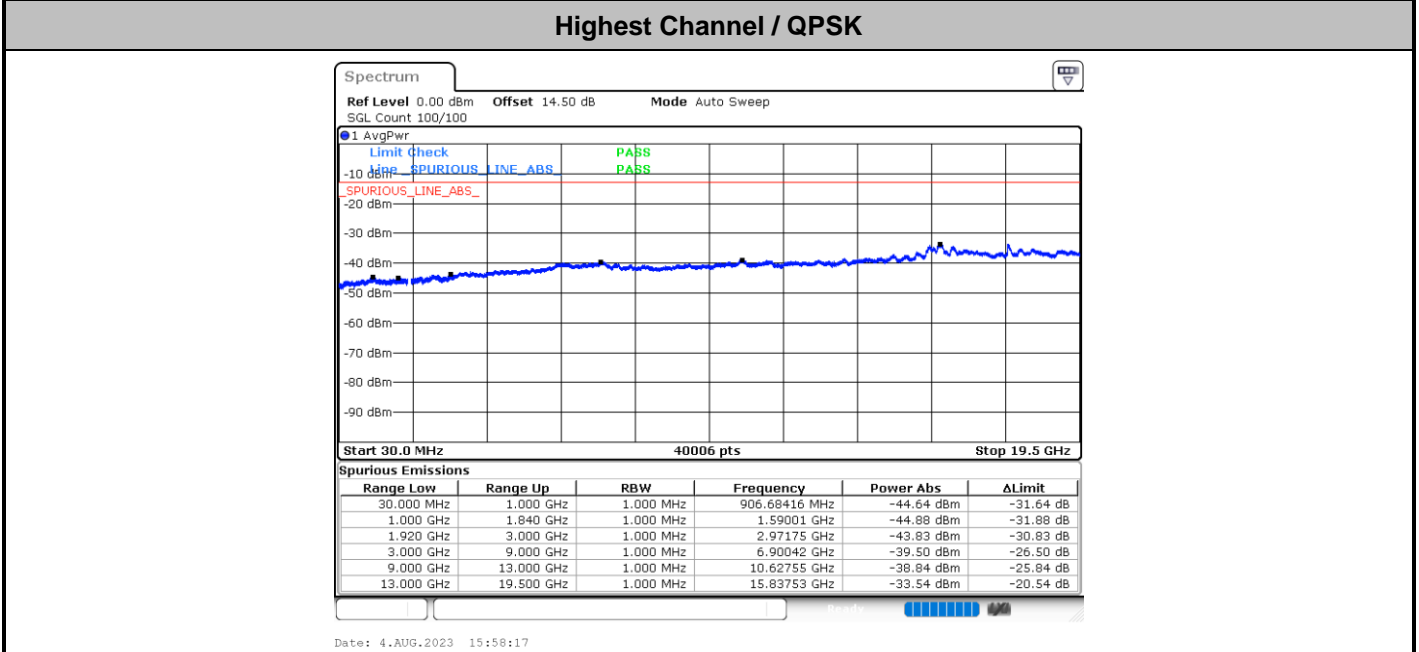
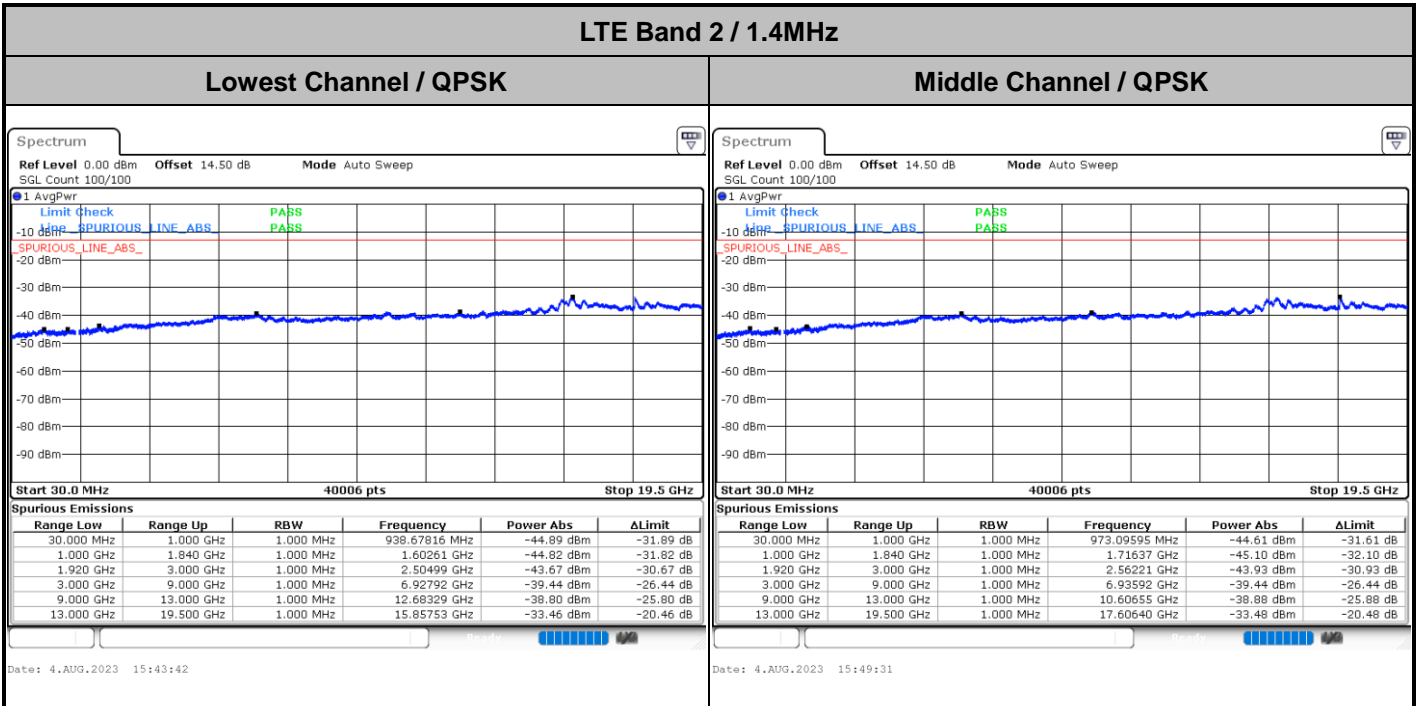
Highest Band Edge / Full RB



Date: 4.AUG.2023 17:23:48



Conducted Spurious Emission

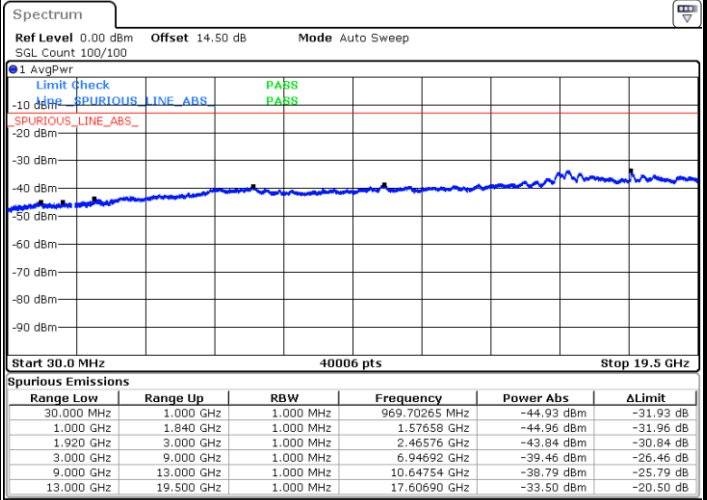
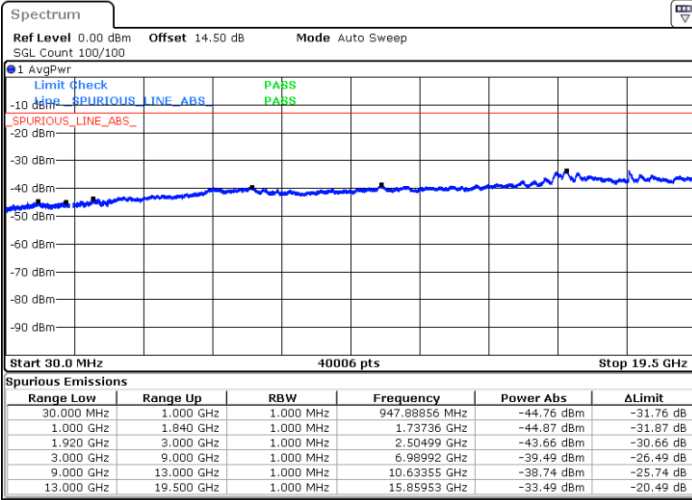




LTE Band 2 / 3MHz

Lowest Channel / QPSK

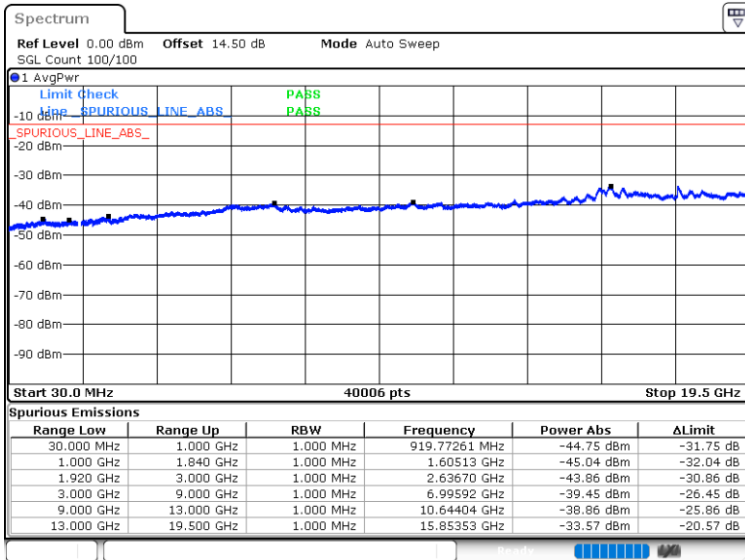
Middle Channel / QPSK



Date: 4.AUG.2023 16:09:33

Date: 4.AUG.2023 16:15:20

Highest Channel / QPSK

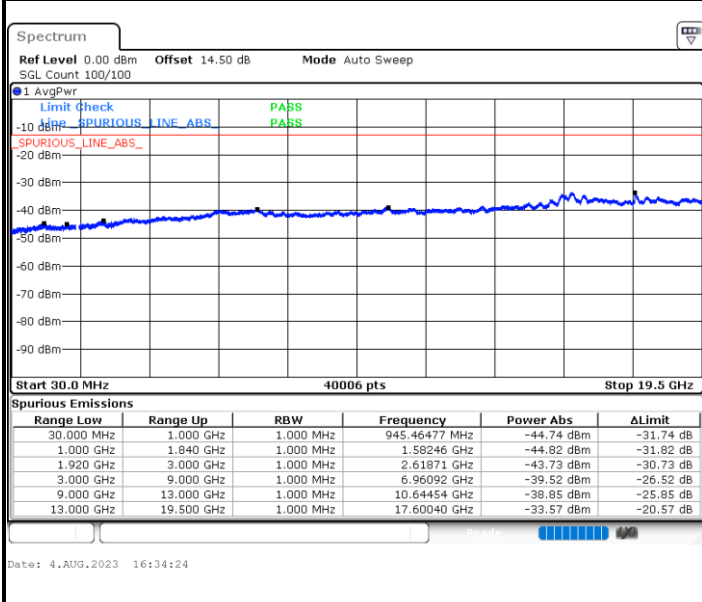


Date: 4.AUG.2023 16:27:16

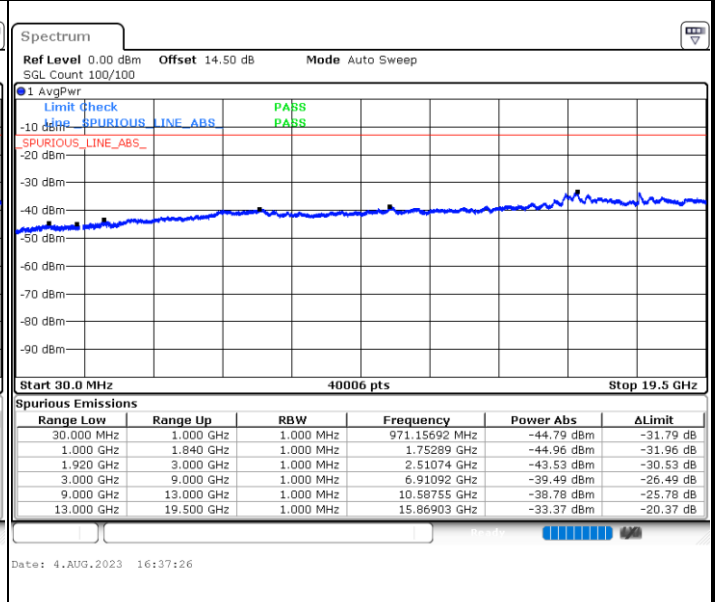


LTE Band 2 / 5MHz

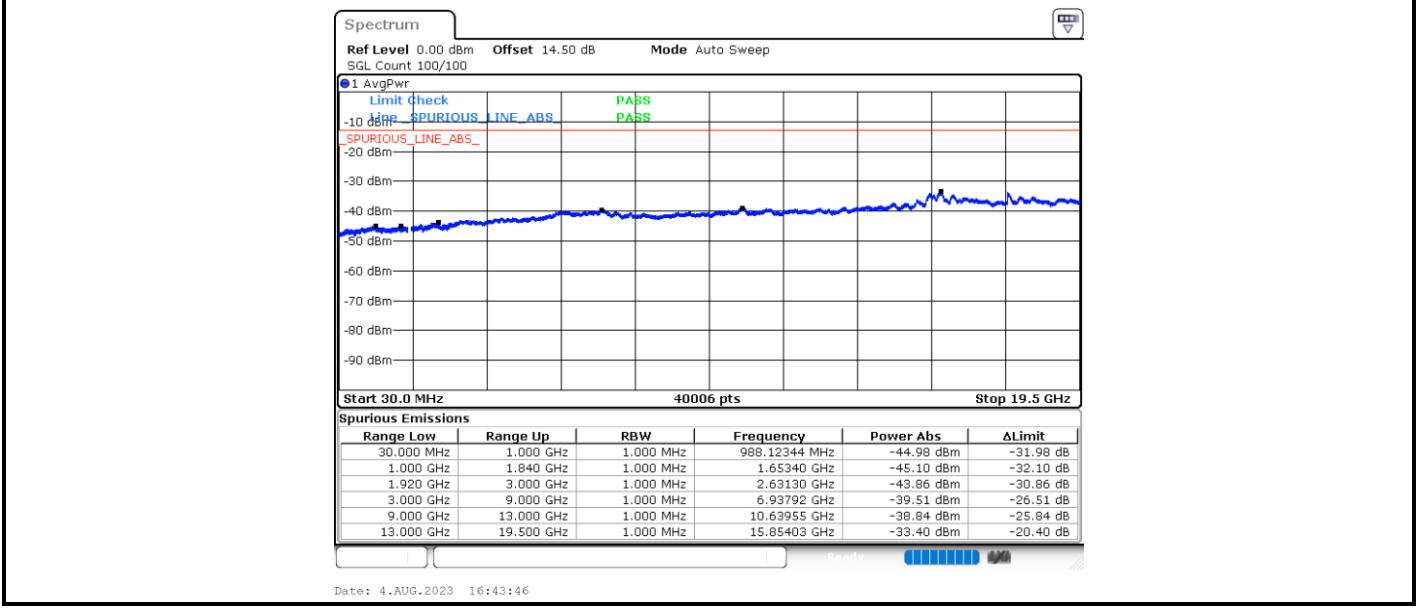
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

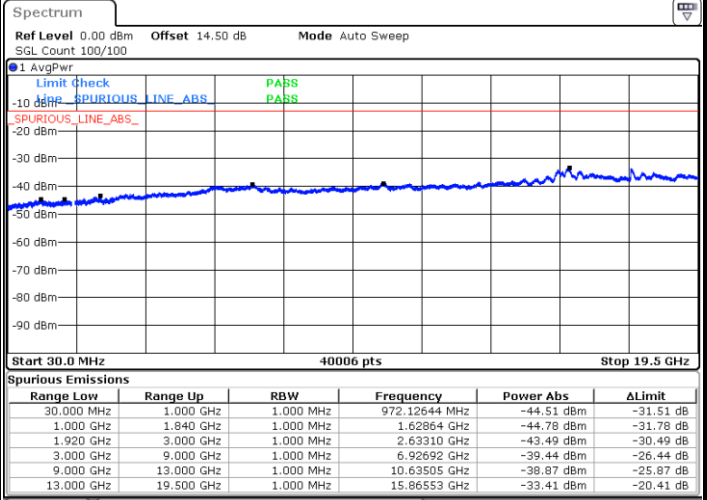
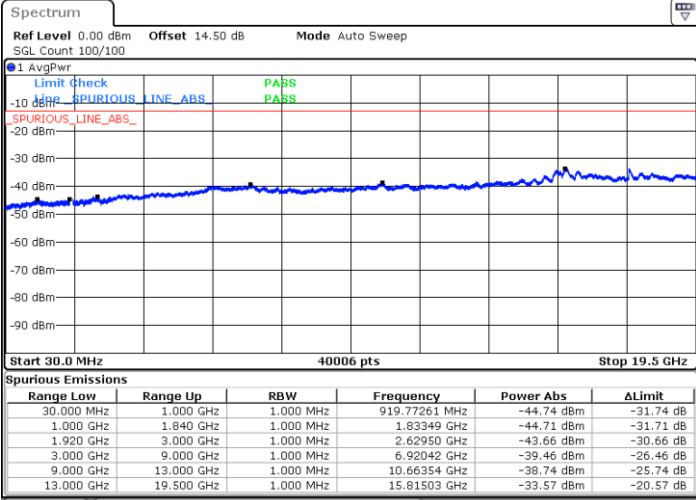




LTE Band 2 / 10MHz

Lowest Channel / QPSK

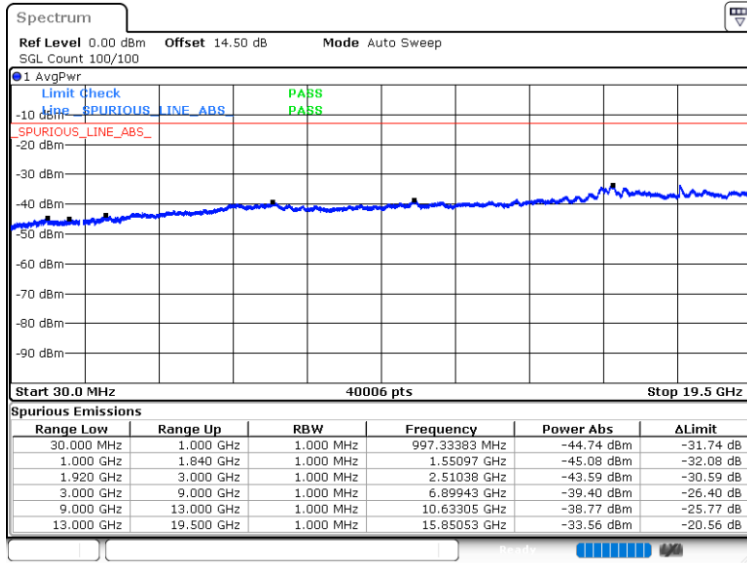
Middle Channel / QPSK



Date: 4.AUG.2023 16:49:32

Date: 4.AUG.2023 16:50:39

Highest Channel / QPSK



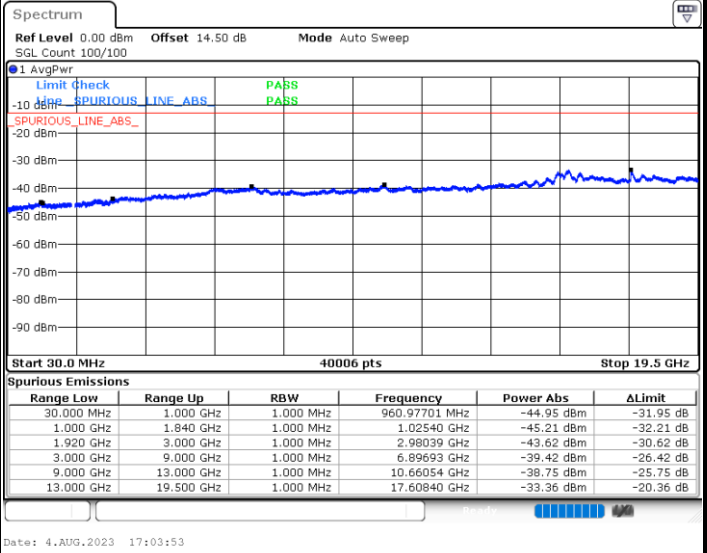
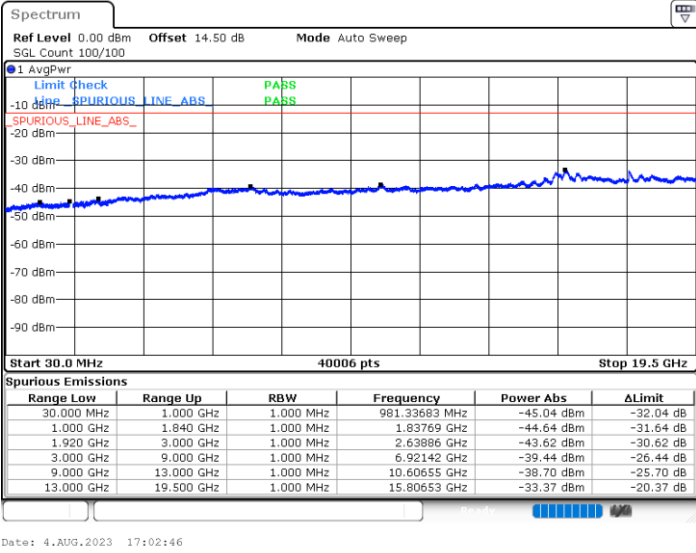
Date: 4.AUG.2023 16:57:00



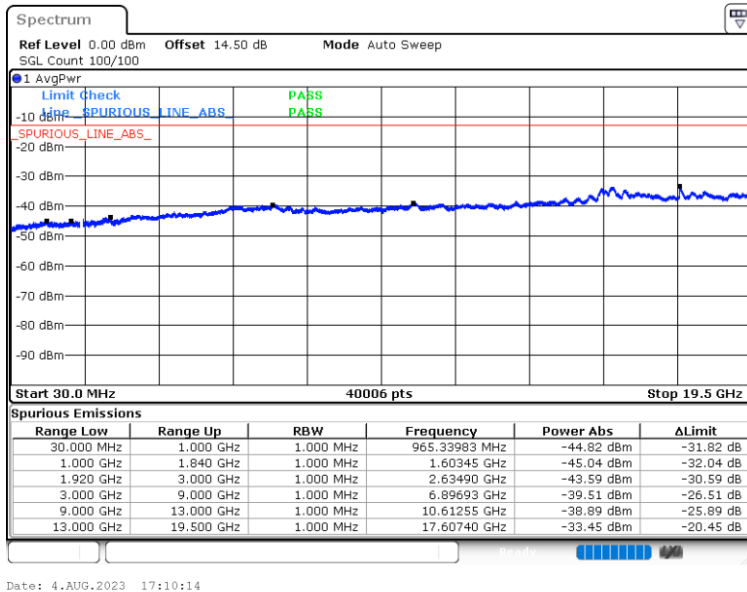
LTE Band 2 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

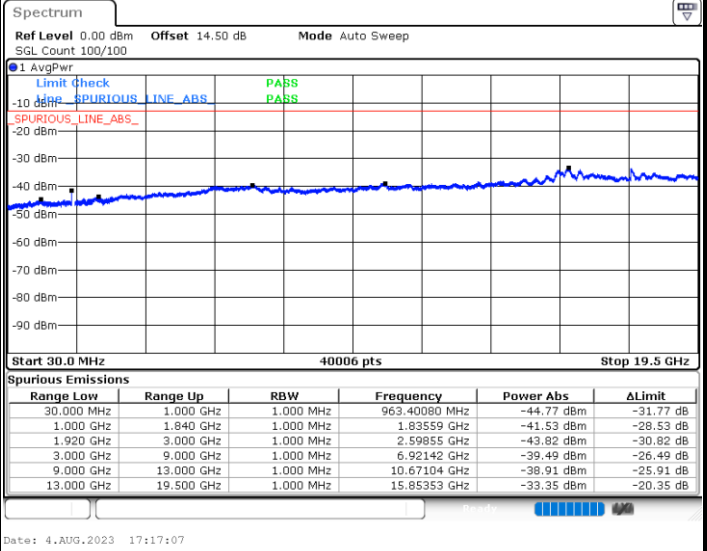
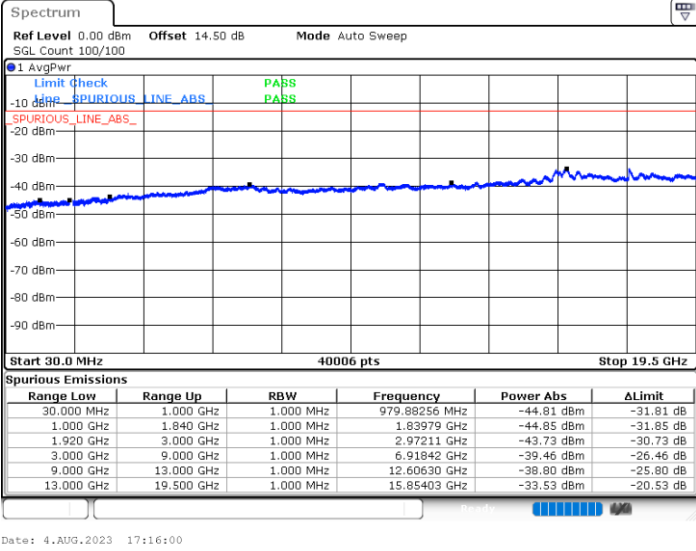




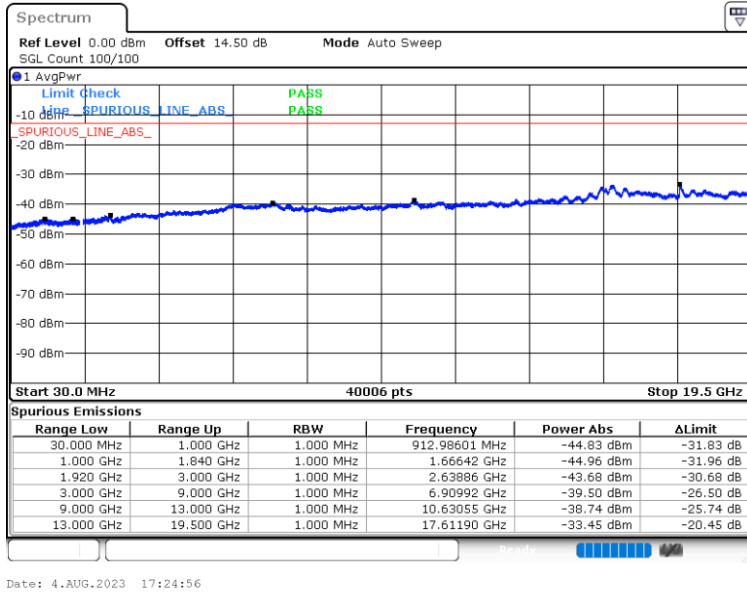
LTE Band 2 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK





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	0.0031	PASS
40	Normal Voltage	0.0082	
30	Normal Voltage	0.0079	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0022	
-30	Normal Voltage	0.0020	
20	Maximum Voltage	0.0083	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Note:

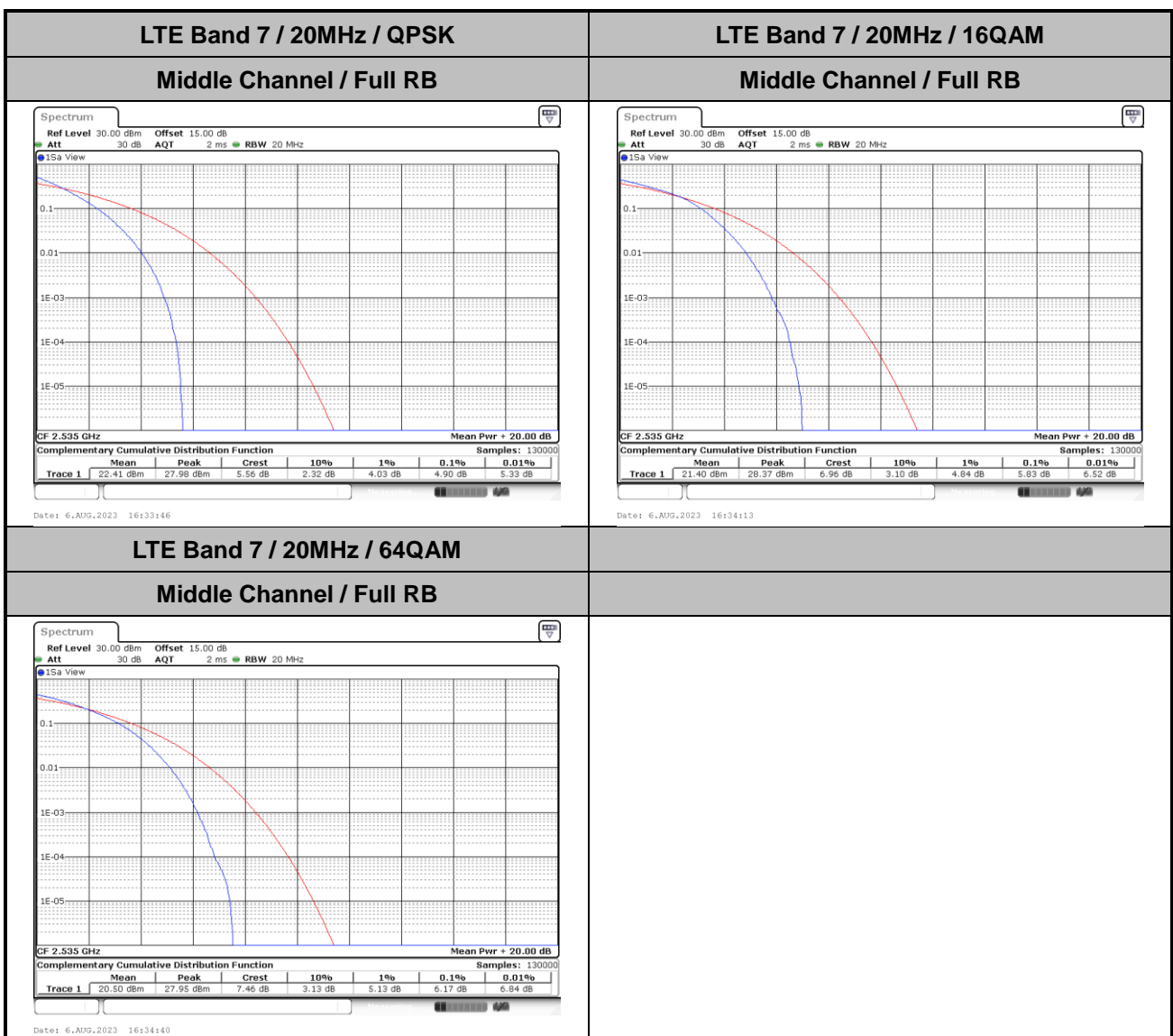
1. Normal Voltage =3.89 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.48 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7

Peak-to-Average Ratio

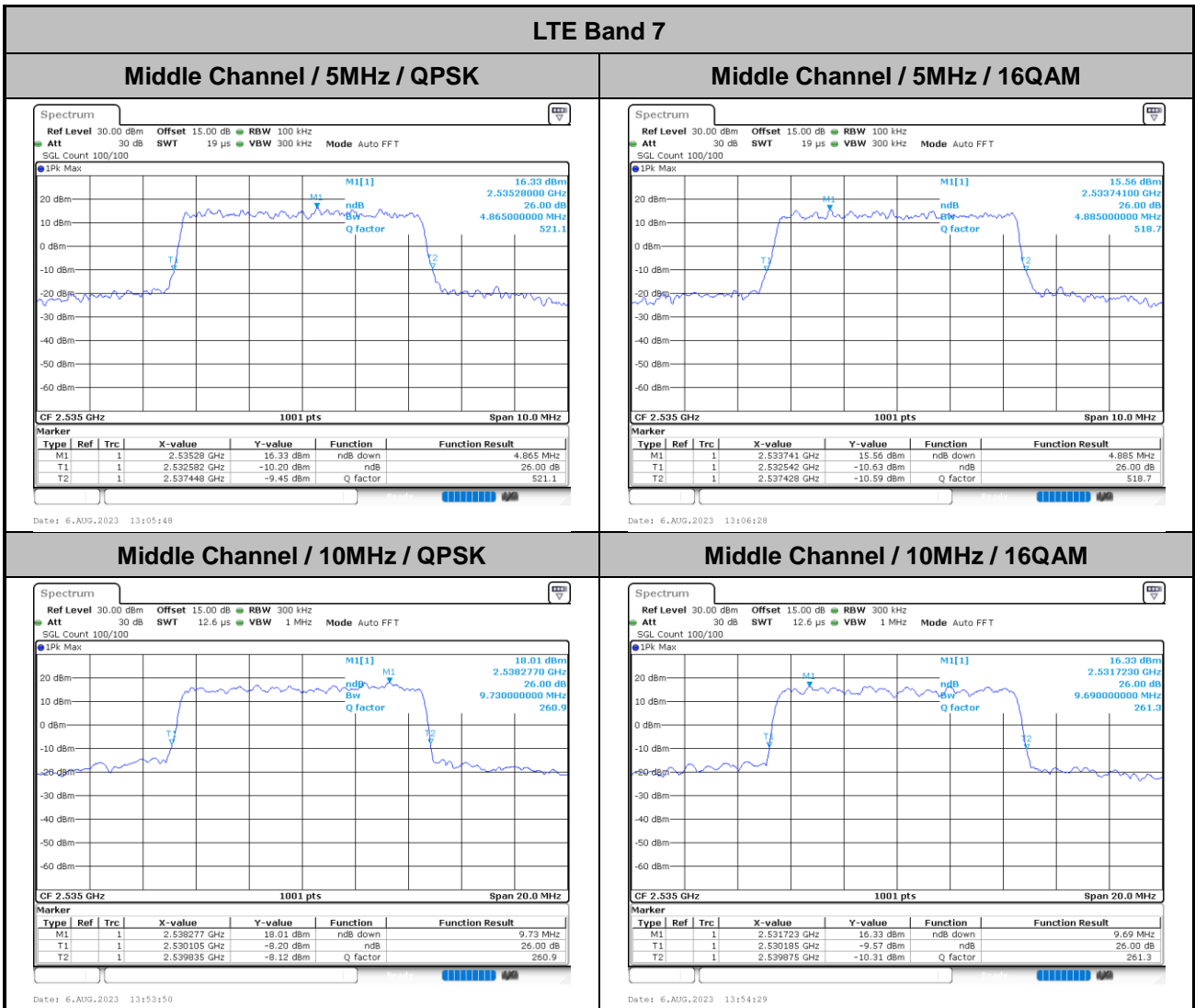
Mode	LTE Band 7 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.90	5.83	6.17	PASS





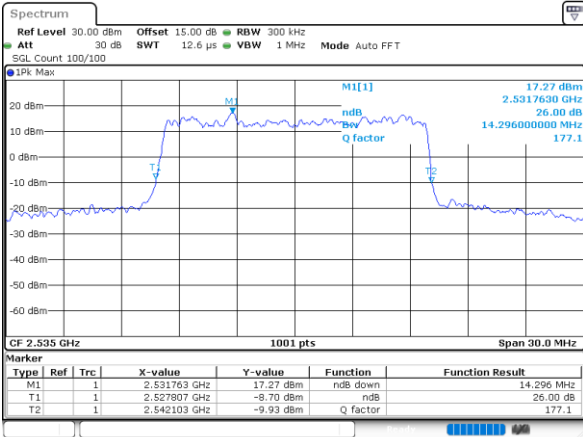
26dB Bandwidth

Mode	LTE Band 7 : 26dB BW(MHz)							
	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	QPSK	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.87	4.87	9.73	9.69	14.30	14.36	19.10	18.78



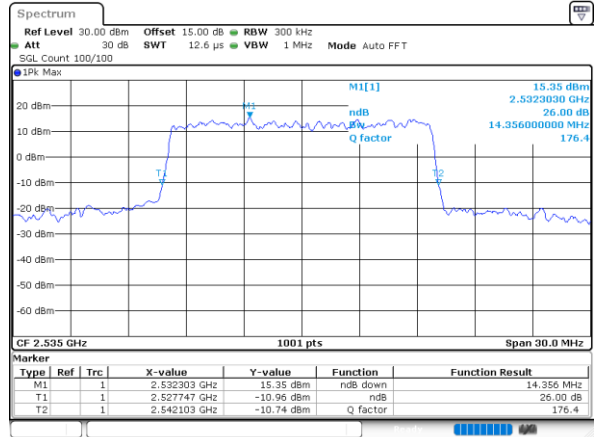


Middle Channel / 15MHz / QPSK



Date: 6.AUG.2023 14:11:51

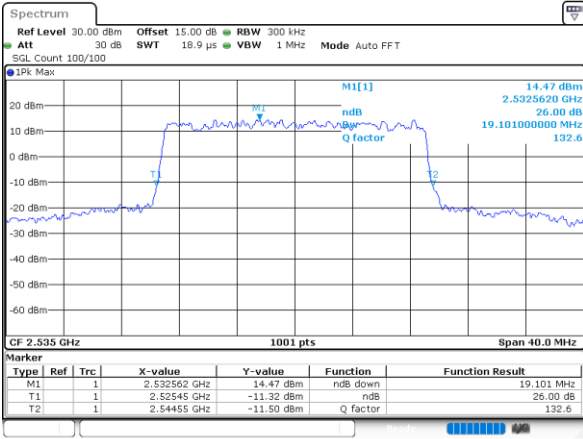
Middle Channel / 15MHz / 16QAM



Date: 6.AUG.2023 14:11:30

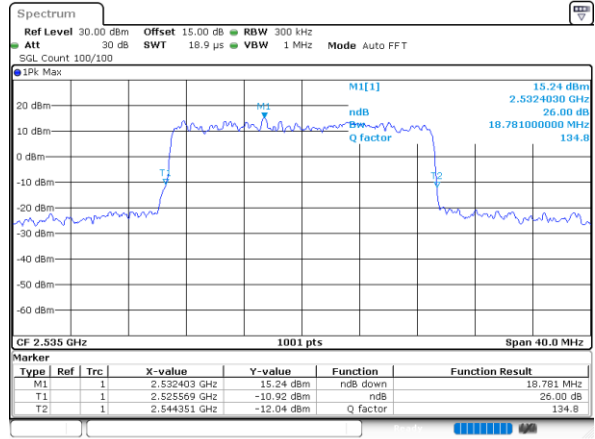
LTE Band 7

Middle Channel / 20MHz / QPSK



Date: 6.AUG.2023 16:32:19

Middle Channel / 20MHz / 16QAM

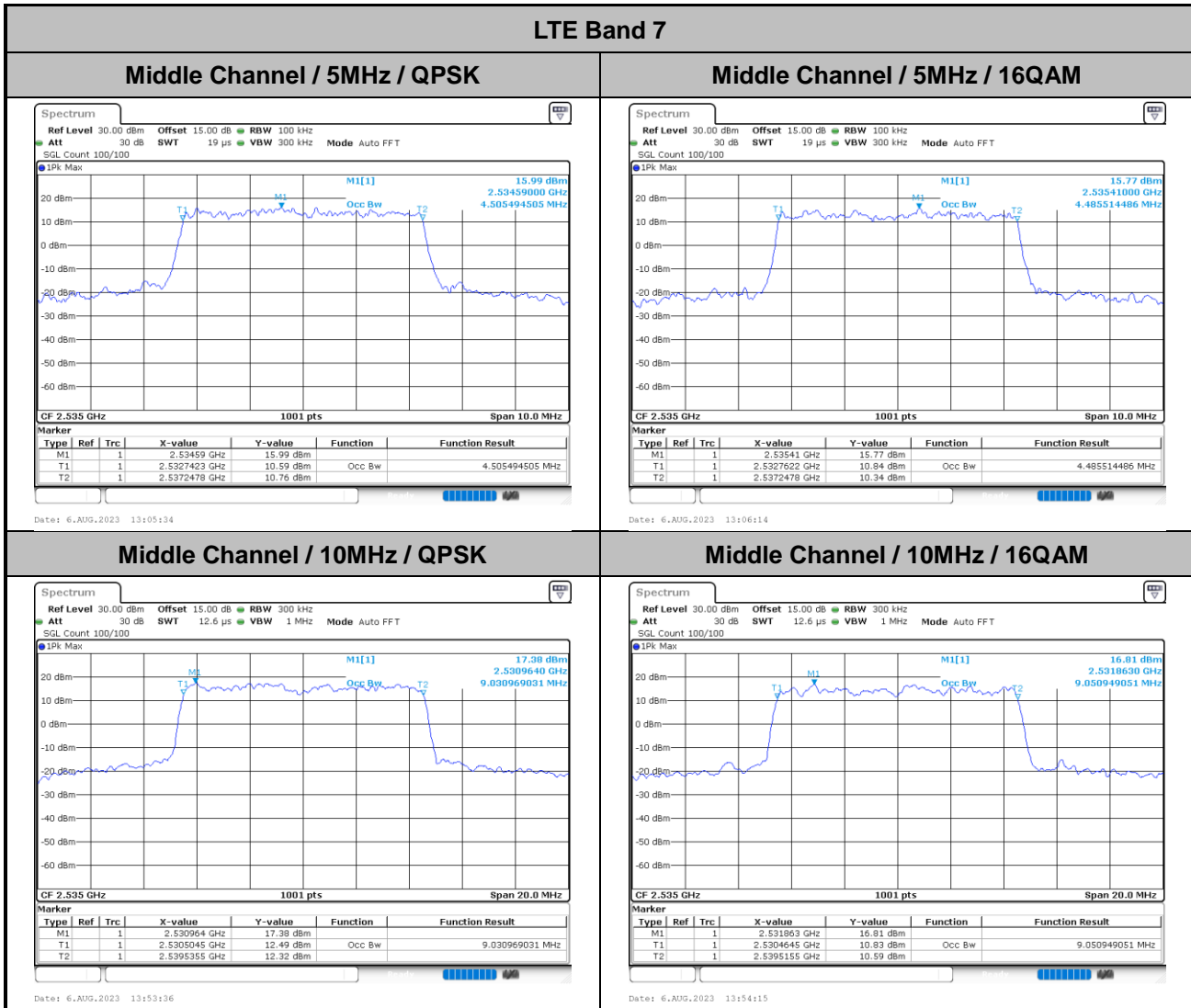


Date: 6.AUG.2023 16:33:19



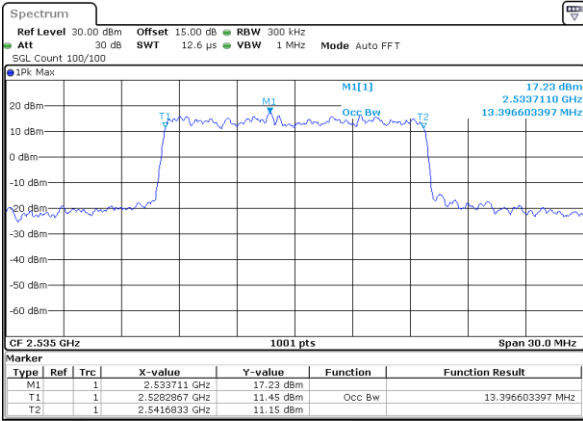
Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.51	4.49	9.03	9.05	13.40	13.43	17.90	17.90



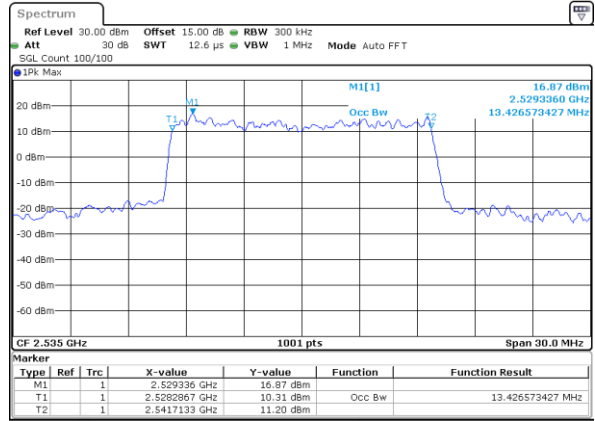


Middle Channel / 15MHz / QPSK



Date: 6.AUG.2023 14:10:37

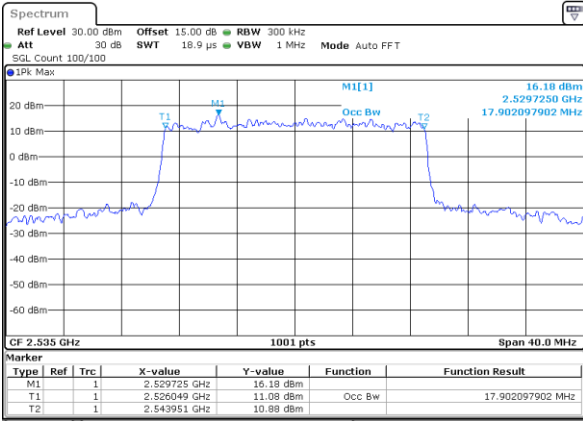
Middle Channel / 15MHz / 16QAM



Date: 6.AUG.2023 14:11:16

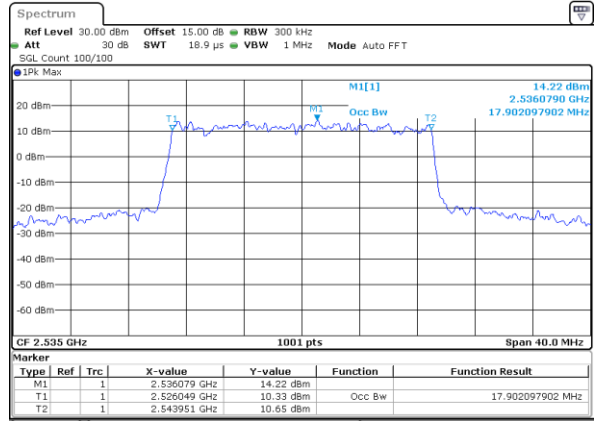
LTE Band 7

Middle Channel / 20MHz / QPSK



Date: 6.AUG.2023 16:32:25

Middle Channel / 20MHz / 16QAM



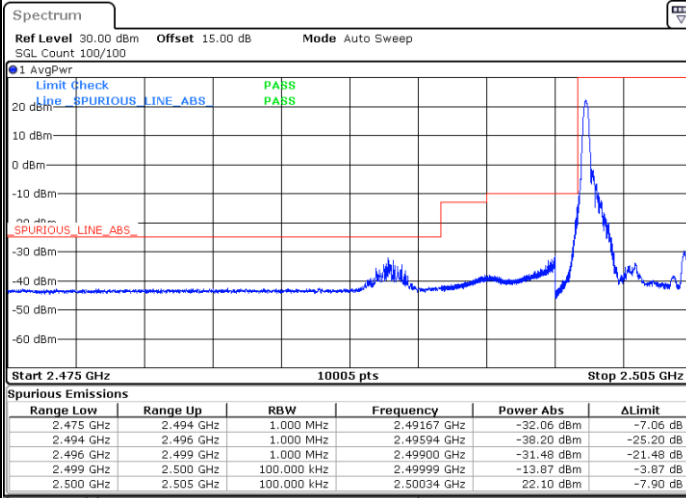
Date: 6.AUG.2023 16:33:05



Conducted Band Edge

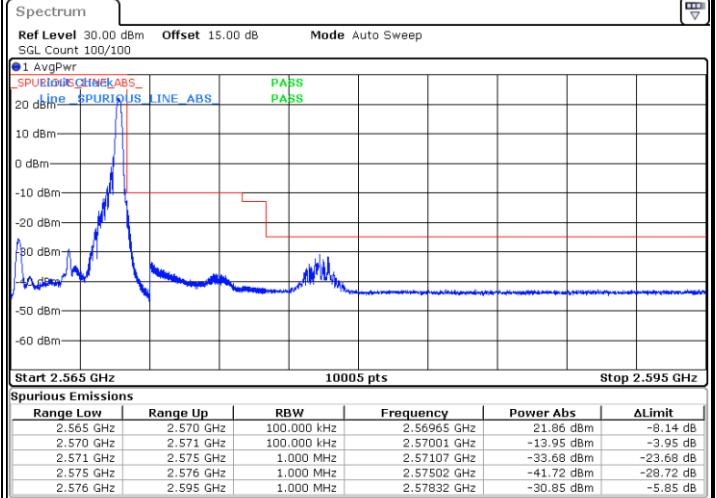
LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB



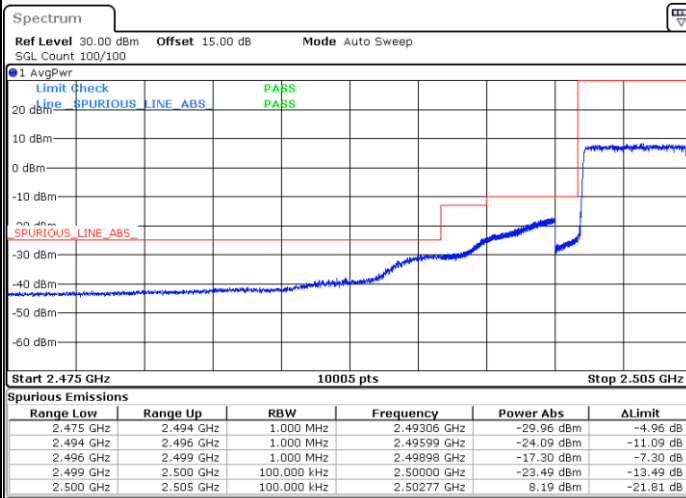
Date: 6.AUG.2023 17:23:33

Highest Band Edge / 1 RB



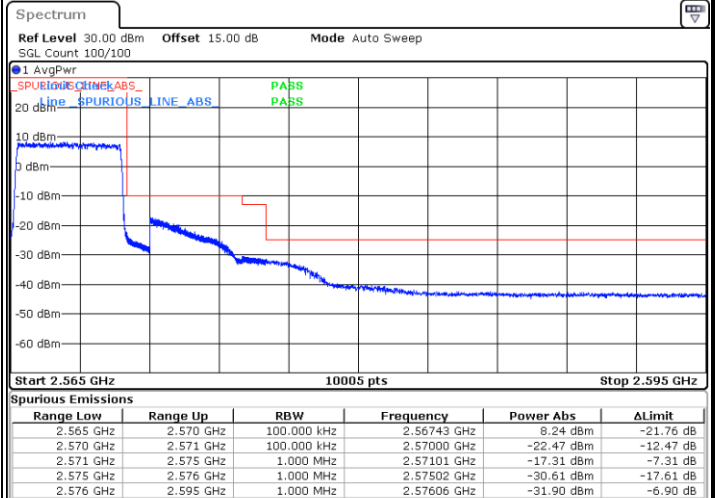
Date: 6.AUG.2023 13:07:23

Lowest Band Edge / Full RB



Date: 6.AUG.2023 13:01:07

Highest Band Edge / Full RB

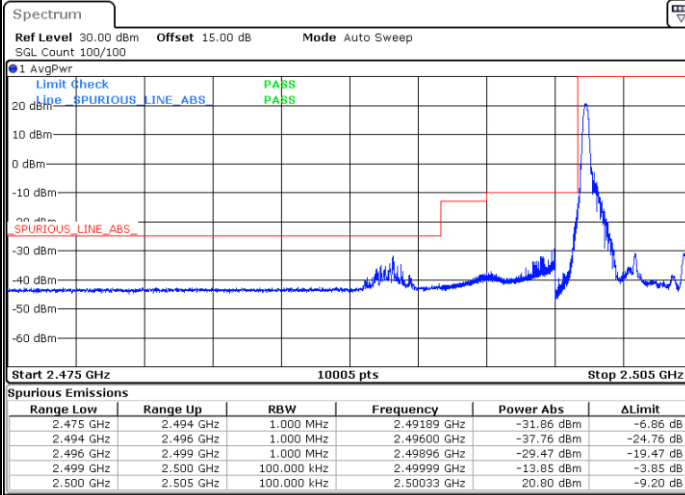


Date: 6.AUG.2023 13:10:10



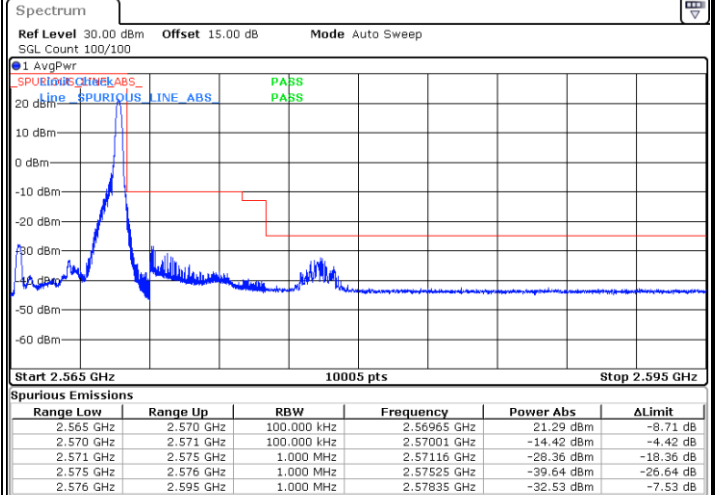
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



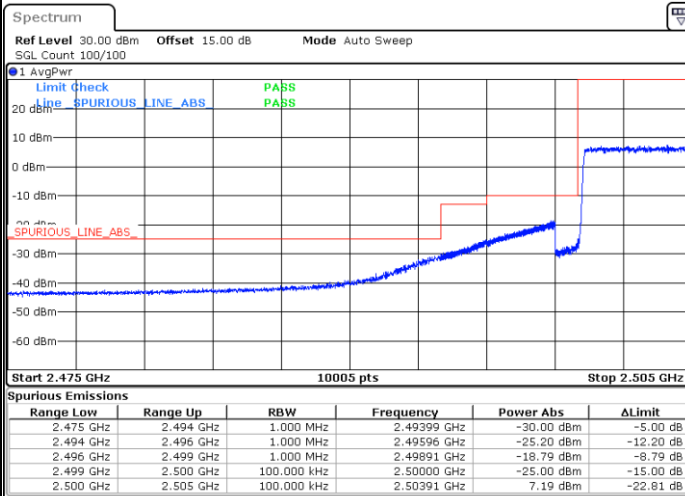
Date: 6.AUG.2023 17:26:17

Highest Band Edge / 1 RB



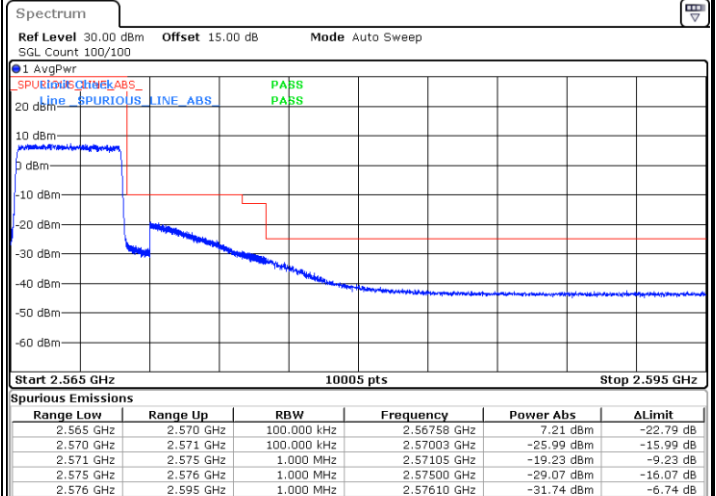
Date: 6.AUG.2023 17:21:45

Lowest Band Edge / Full RB



Date: 6.AUG.2023 13:02:03

Highest Band Edge / Full RB

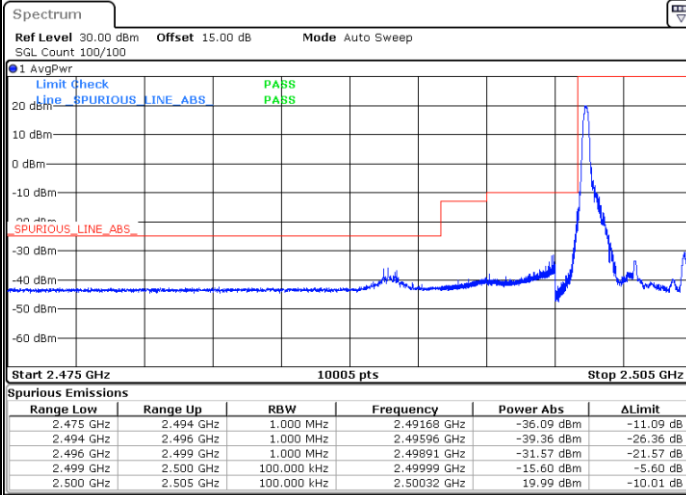


Date: 6.AUG.2023 13:11:06



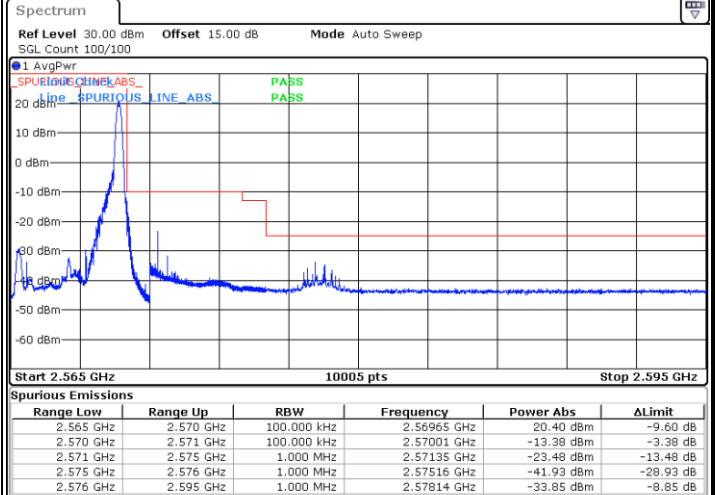
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



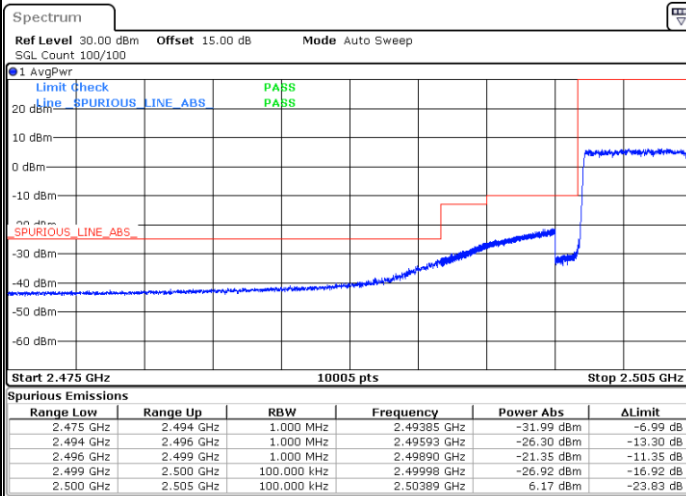
Date: 6.AUG.2023 13:00:11

Highest Band Edge / 1 RB



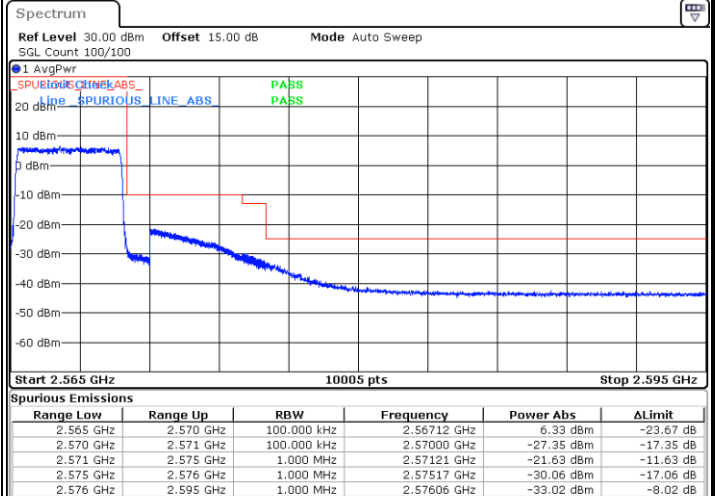
Date: 6.AUG.2023 13:09:14

Lowest Band Edge / Full RB



Date: 6.AUG.2023 13:02:59

Highest Band Edge / Full RB

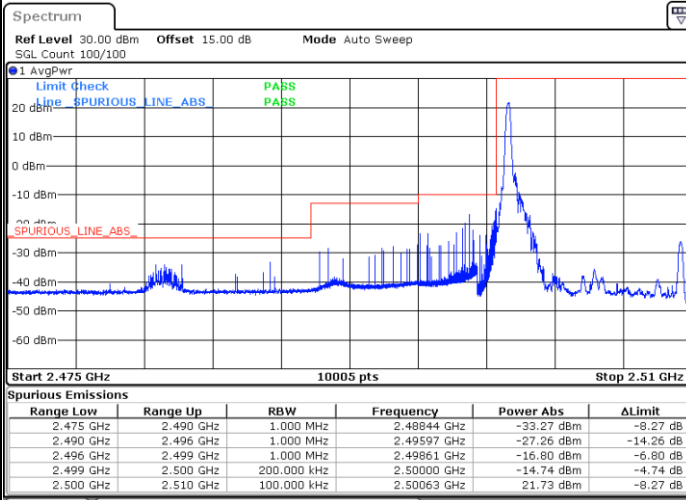


Date: 6.AUG.2023 13:12:02



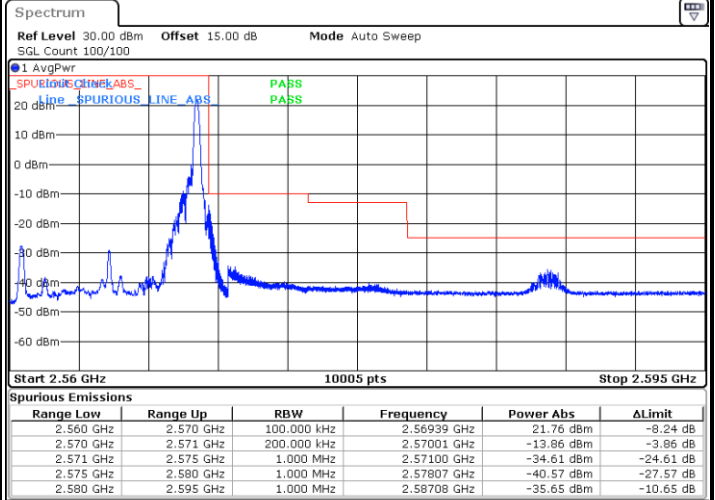
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



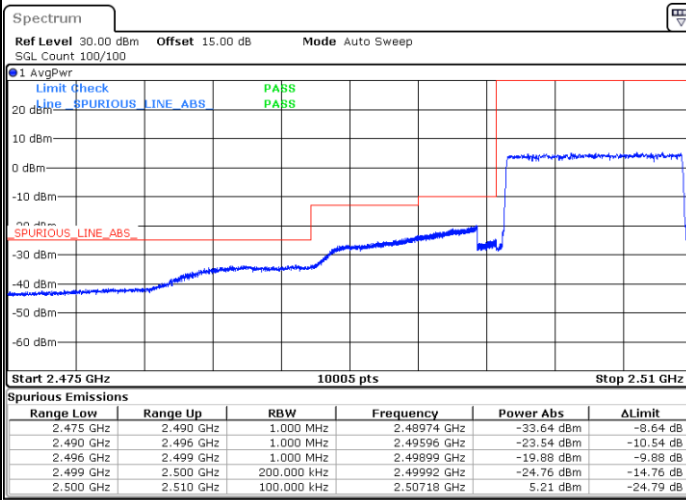
Date: 6.AUG.2023 16:47:22

Highest Band Edge / 1 RB



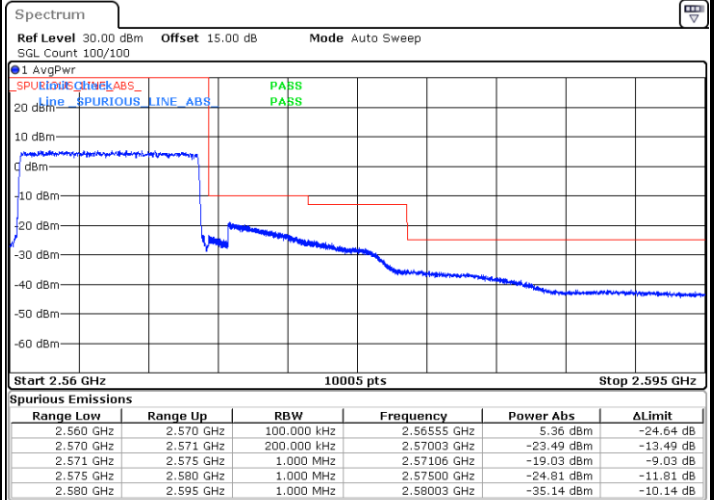
Date: 6.AUG.2023 13:55:24

Lowest Band Edge / Full RB



Date: 6.AUG.2023 13:49:09

Highest Band Edge / Full RB

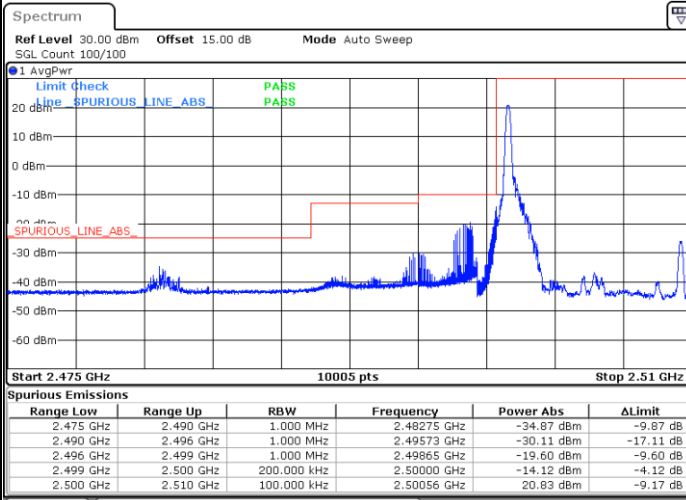


Date: 6.AUG.2023 13:58:12



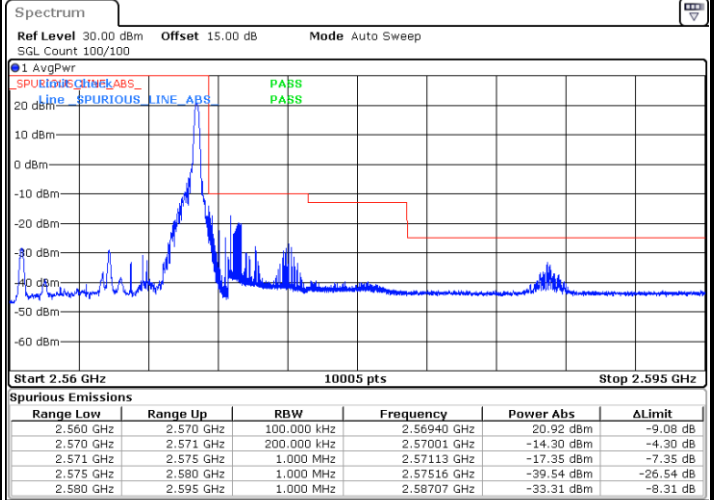
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1RB



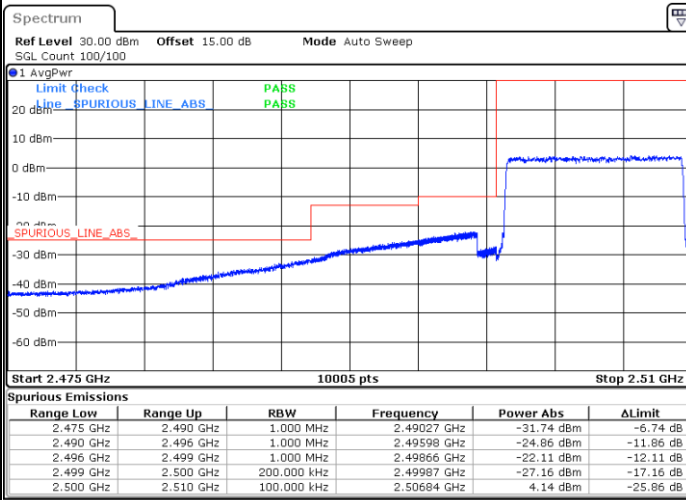
Date: 6.AUG.2023 13:47:17

Highest Band Edge / 1 RB



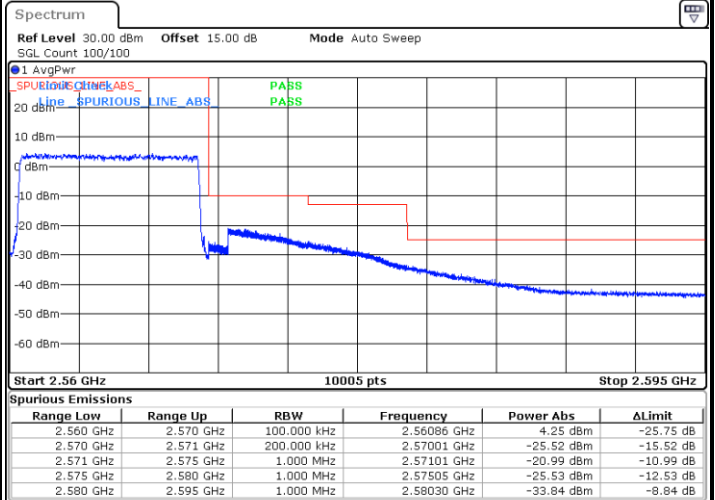
Date: 6.AUG.2023 13:56:20

Lowest Band Edge / Full RB



Date: 6.AUG.2023 13:50:05

Highest Band Edge / Full RB

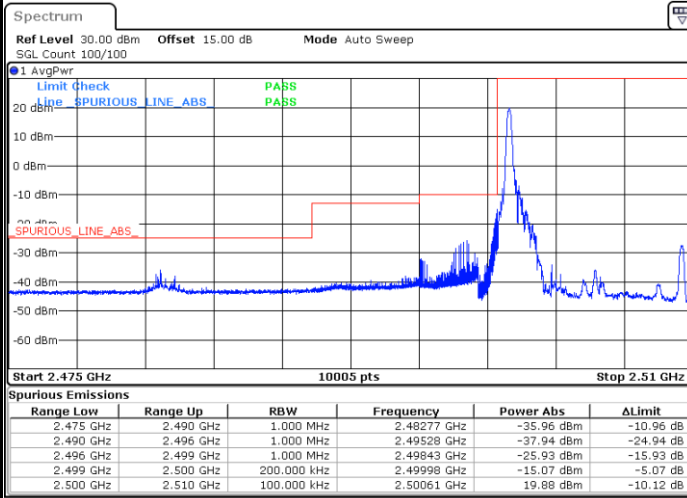


Date: 6.AUG.2023 13:59:08



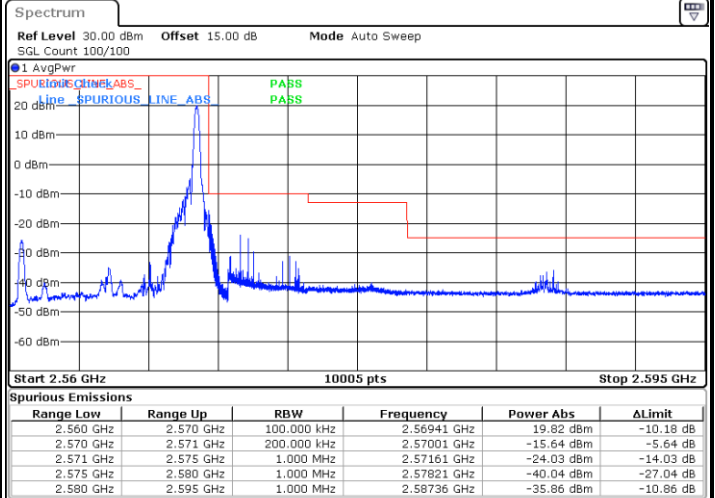
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1RB



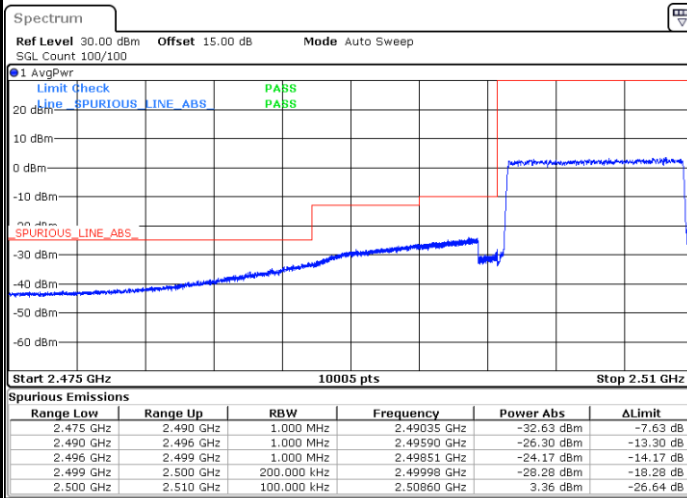
Date: 6.AUG.2023 13:48:13

Highest Band Edge / 1 RB



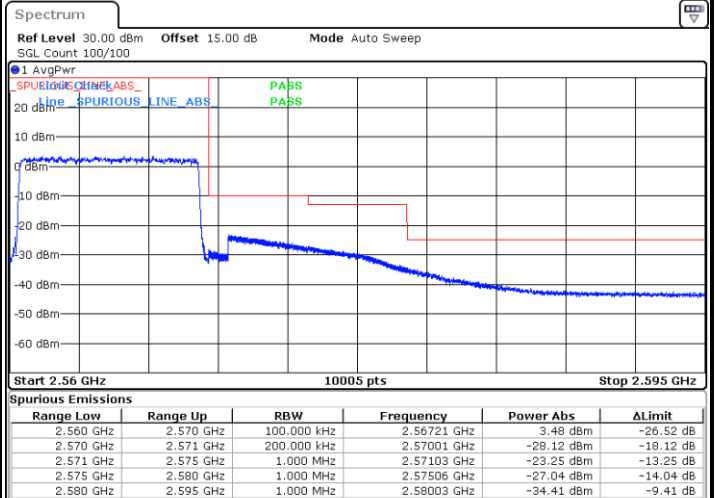
Date: 6.AUG.2023 13:57:16

Lowest Band Edge / Full RB



Date: 6.AUG.2023 13:51:01

Highest Band Edge / Full RB

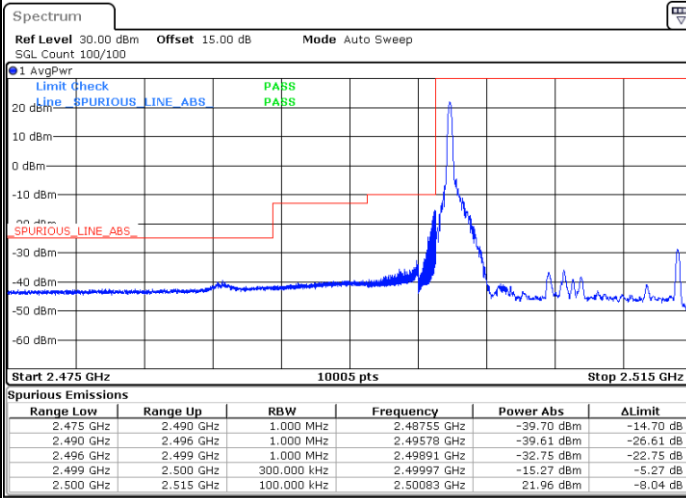


Date: 6.AUG.2023 14:00:04



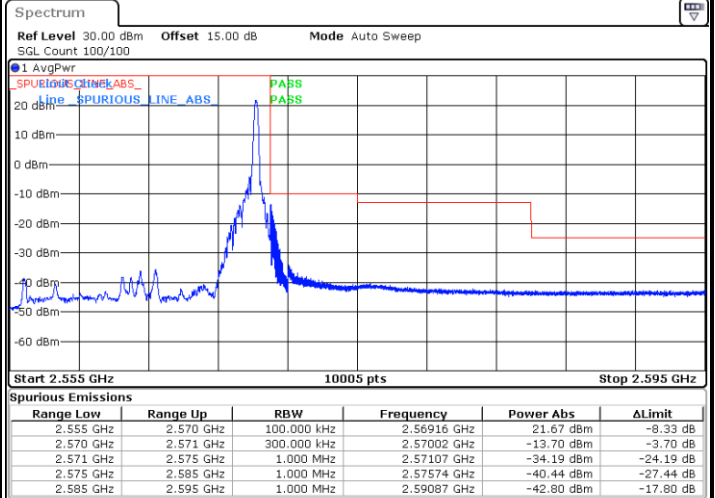
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



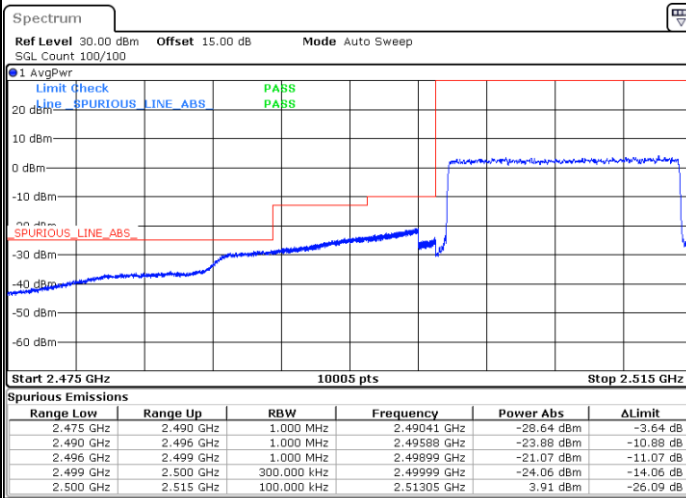
Date: 6.AUG.2023 14:03:20

Highest Band Edge / 1 RB



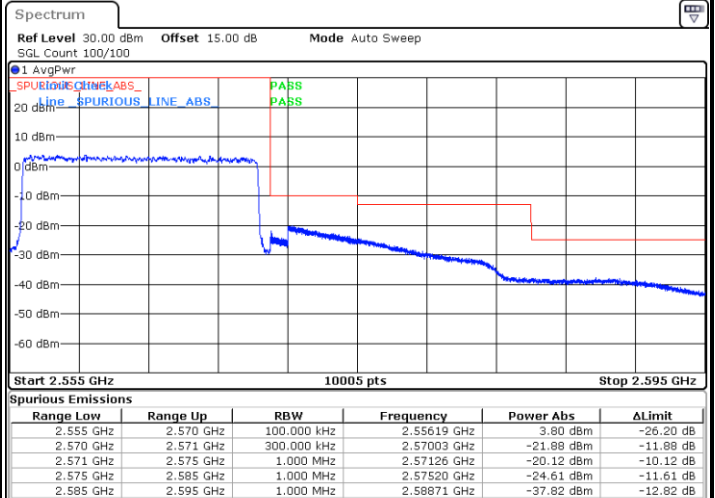
Date: 6.AUG.2023 14:12:25

Lowest Band Edge / Full RB



Date: 6.AUG.2023 14:06:09

Highest Band Edge / Full RB

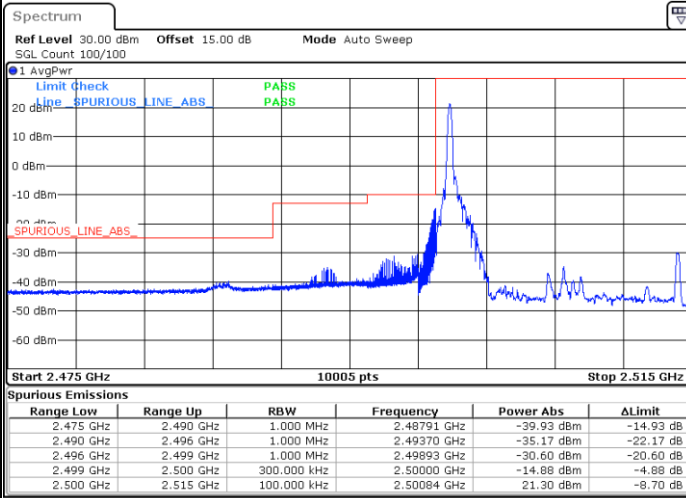


Date: 6.AUG.2023 15:32:05



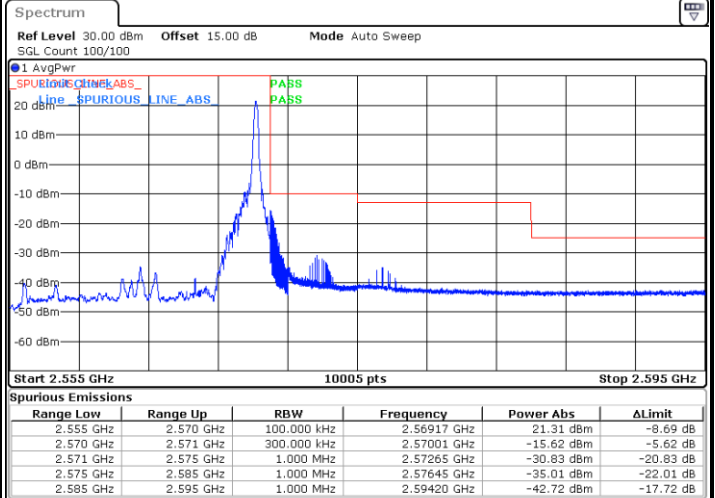
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1RB



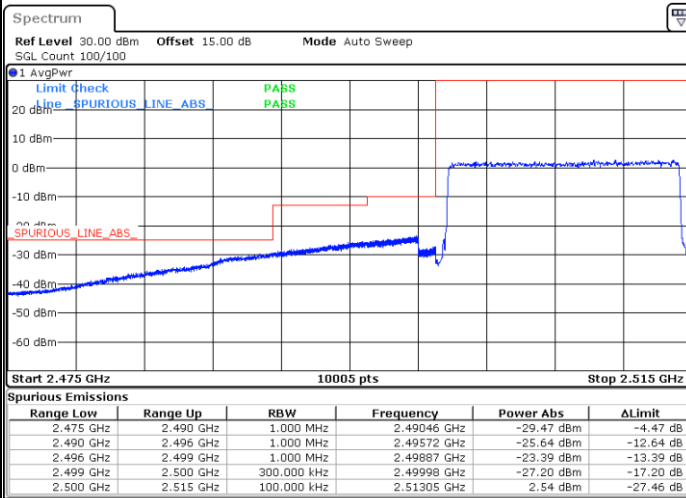
Date: 6.AUG.2023 14:04:16

Highest Band Edge / 1 RB



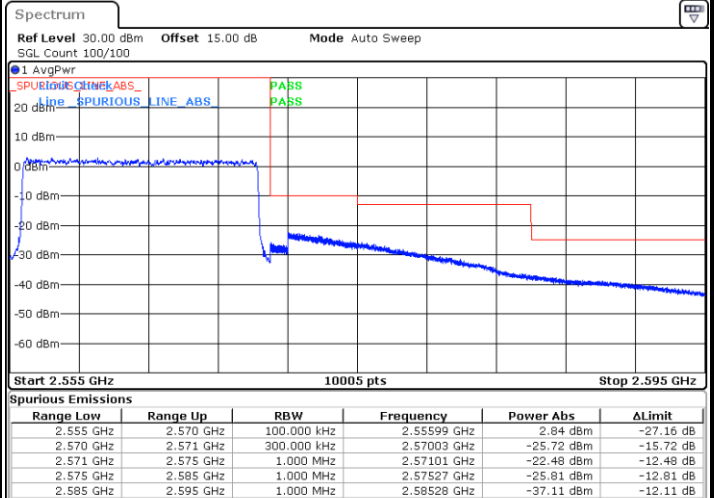
Date: 6.AUG.2023 15:30:13

Lowest Band Edge / Full RB



Date: 6.AUG.2023 14:07:05

Highest Band Edge / Full RB

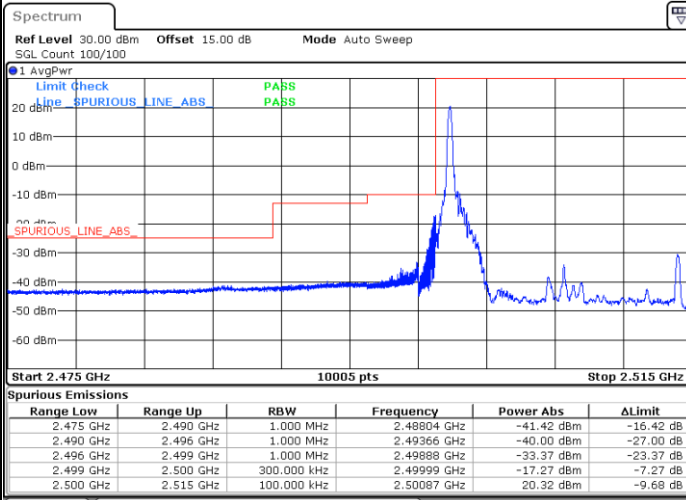


Date: 6.AUG.2023 15:33:01



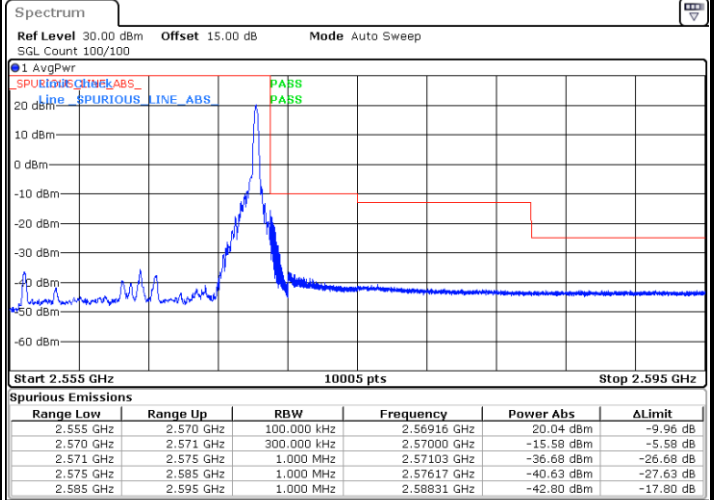
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1RB



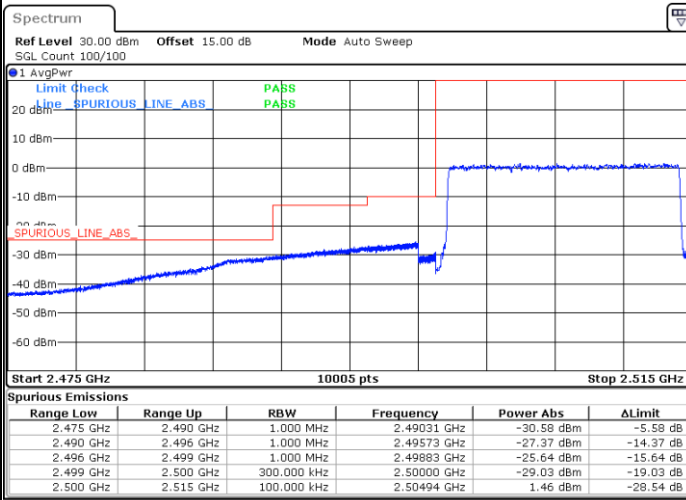
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Highest Band Edge / 1 RB



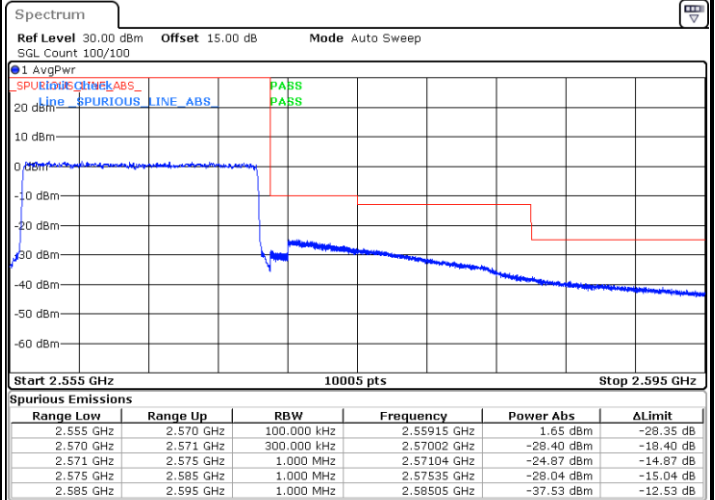
Date: 6.AUG.2023 15:31:08

Lowest Band Edge / Full RB



Date: 6.AUG.2023 14:08:01

Highest Band Edge / Full RB

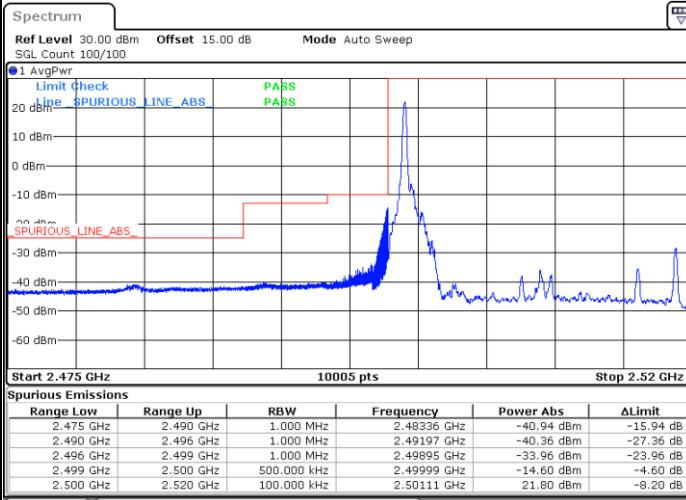


Date: 6.AUG.2023 15:33:57



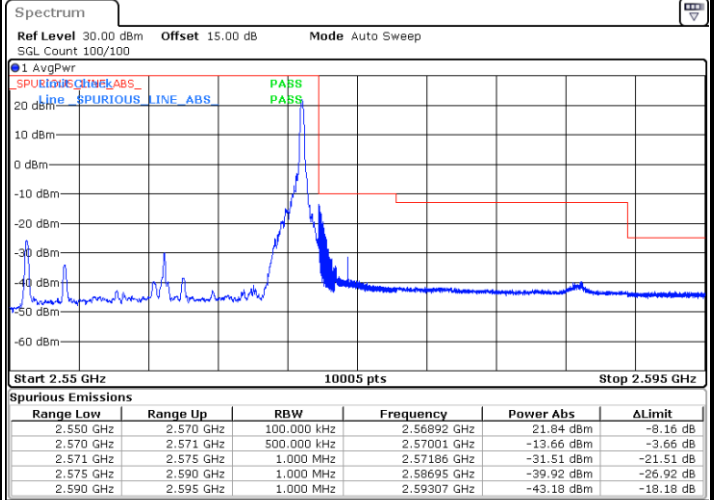
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



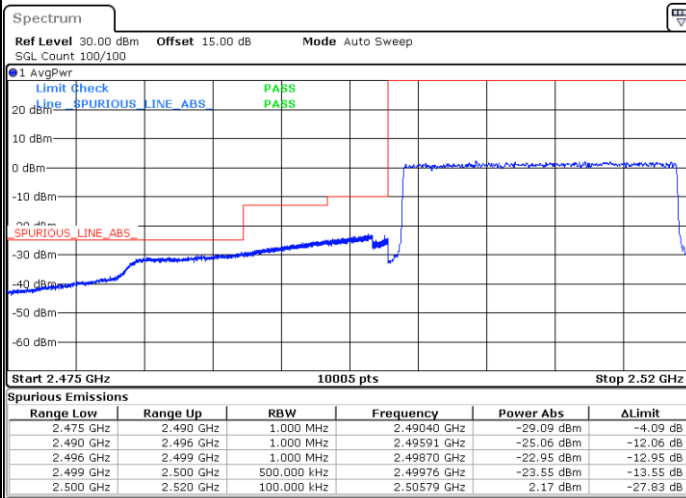
Date: 6.AUG.2023 16:25:01

Highest Band Edge / 1 RB



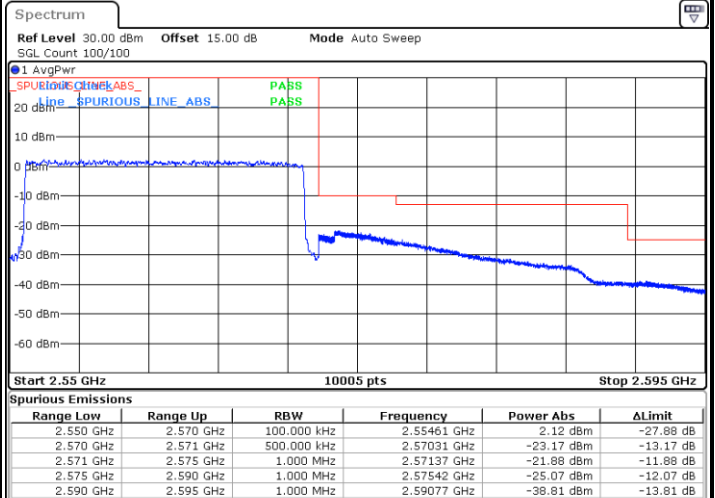
Date: 6.AUG.2023 16:35:36

Lowest Band Edge / Full RB



Date: 6.AUG.2023 16:27:55

Highest Band Edge / Full RB

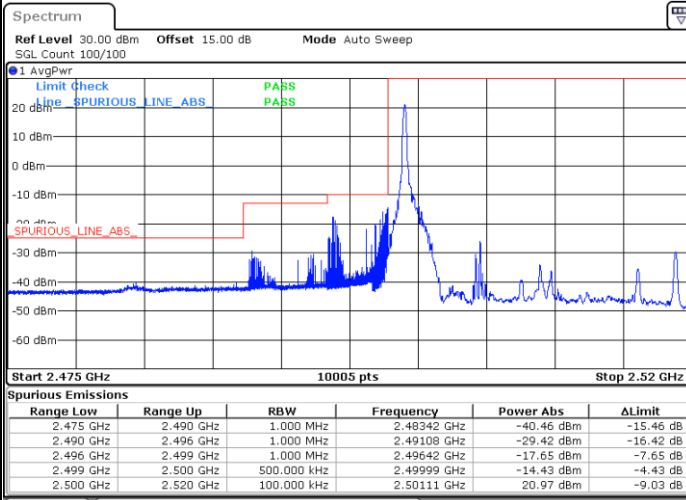


Date: 6.AUG.2023 16:38:25



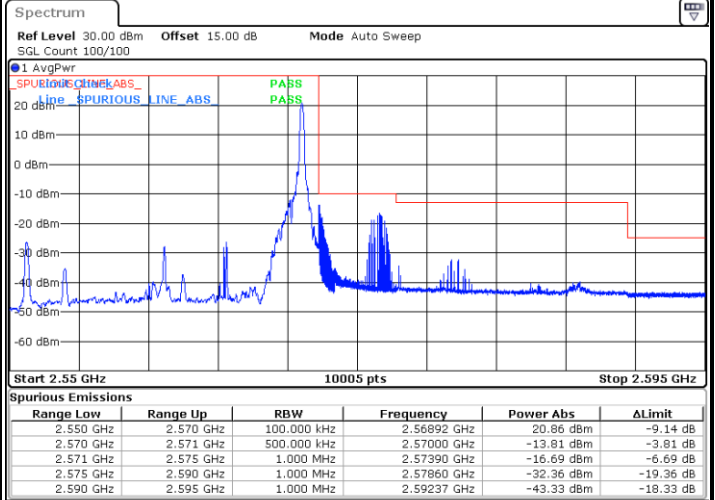
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1RB



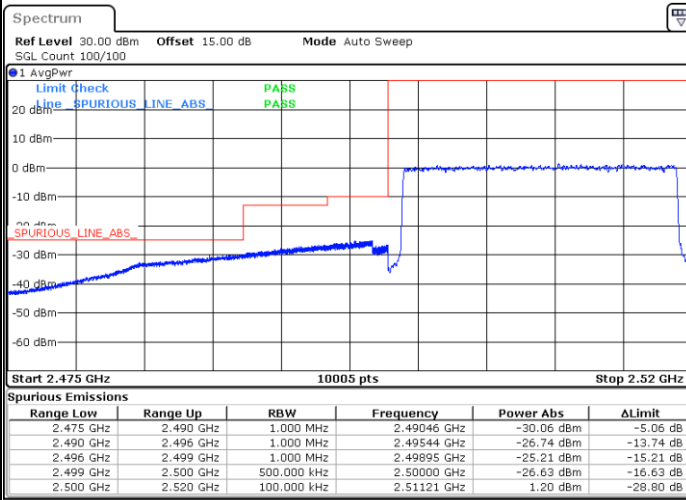
Date: 6.AUG.2023 16:26:02

Highest Band Edge / 1 RB



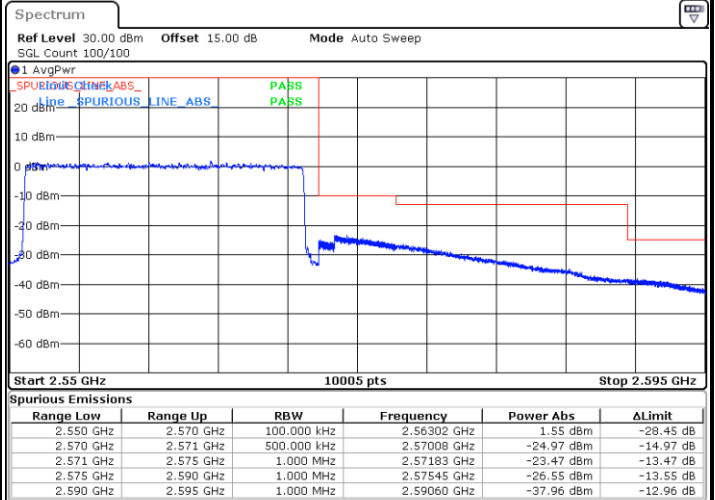
Date: 6.AUG.2023 16:36:32

Lowest Band Edge / Full RB



Date: 6.AUG.2023 16:28:52

Highest Band Edge / Full RB

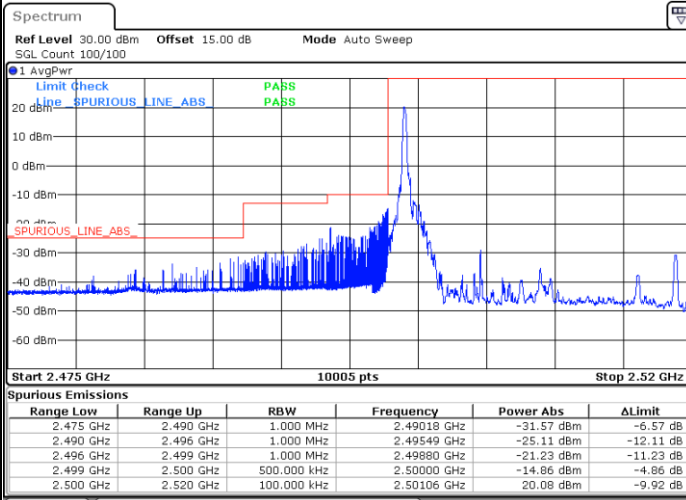


Date: 6.AUG.2023 16:39:21



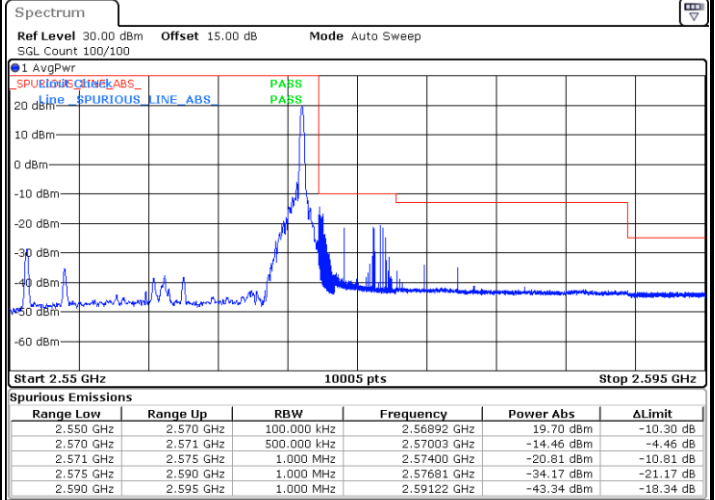
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1RB



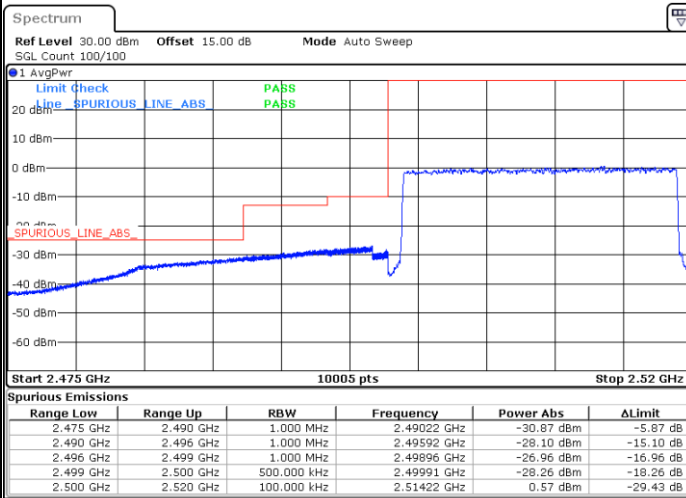
Date: 6.AUG.2023 16:26:59

Highest Band Edge / 1 RB



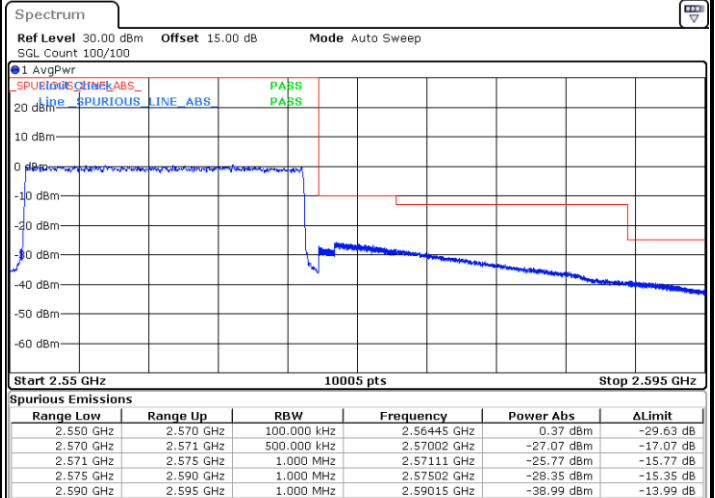
Date: 6.AUG.2023 16:37:28

Lowest Band Edge / Full RB



Date: 6.AUG.2023 16:29:49

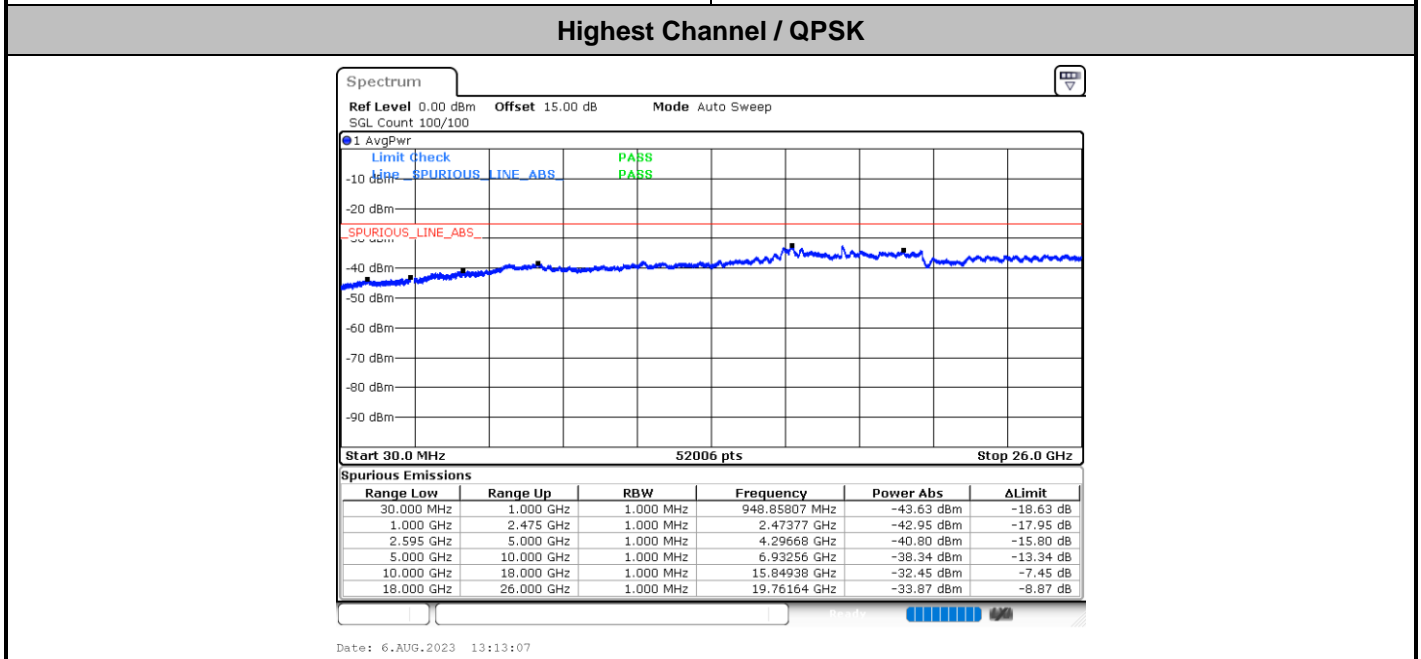
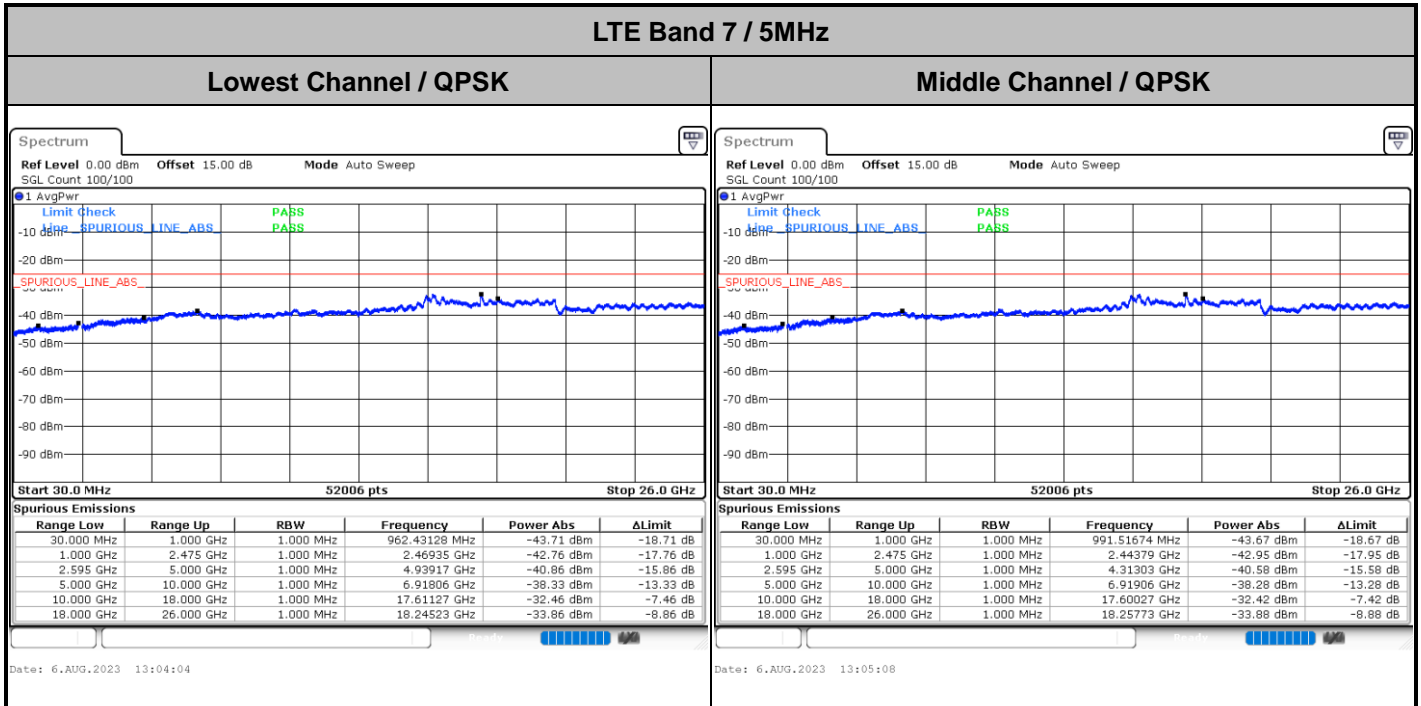
Highest Band Edge / Full RB



Date: 6.AUG.2023 16:40:17



Conducted Spurious Emission

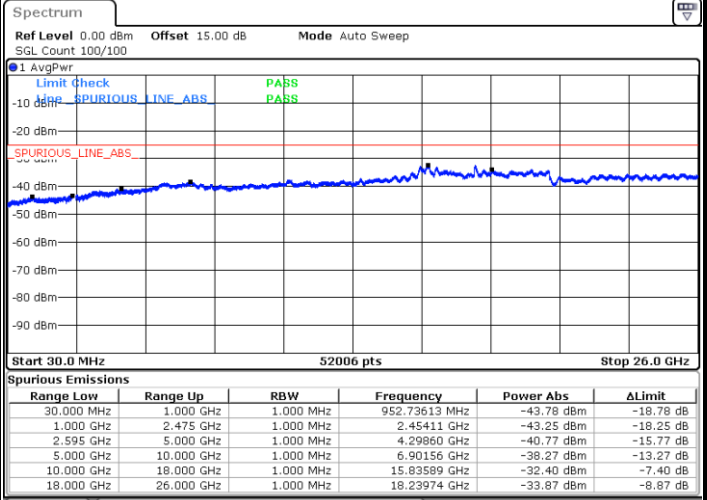
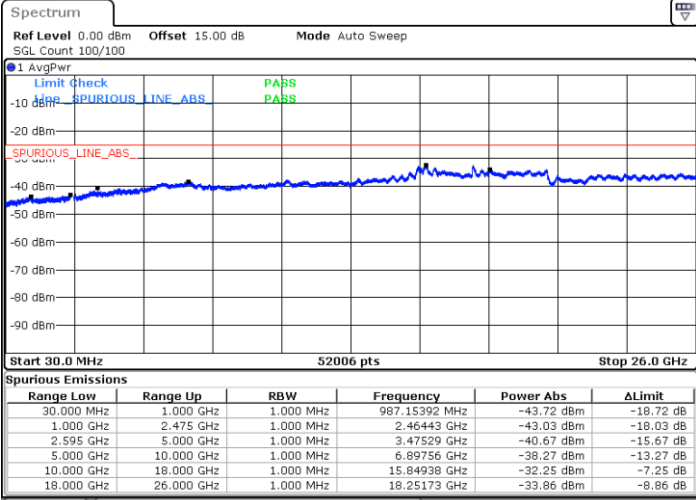




LTE Band 7 / 10MHz

Lowest Channel / QPSK

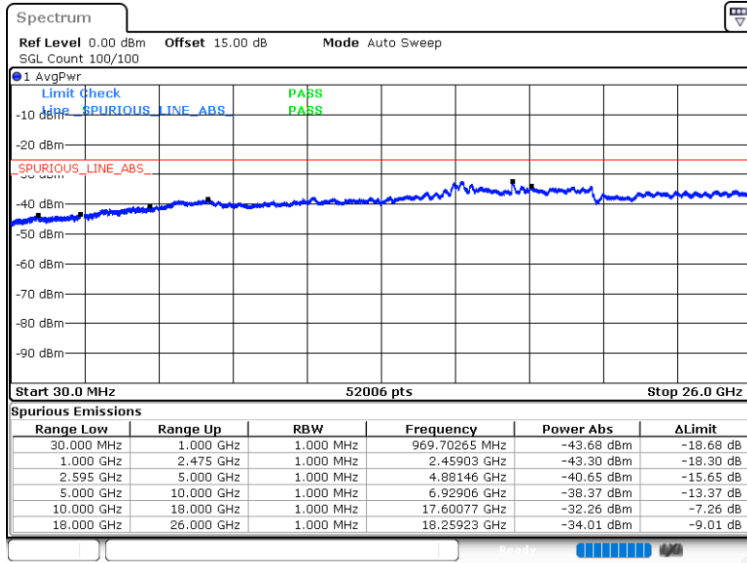
Middle Channel / QPSK



Date: 6.AUG.2023 13:52:05

Date: 6.AUG.2023 13:53:09

Highest Channel / QPSK



Date: 6.AUG.2023 14:01:08