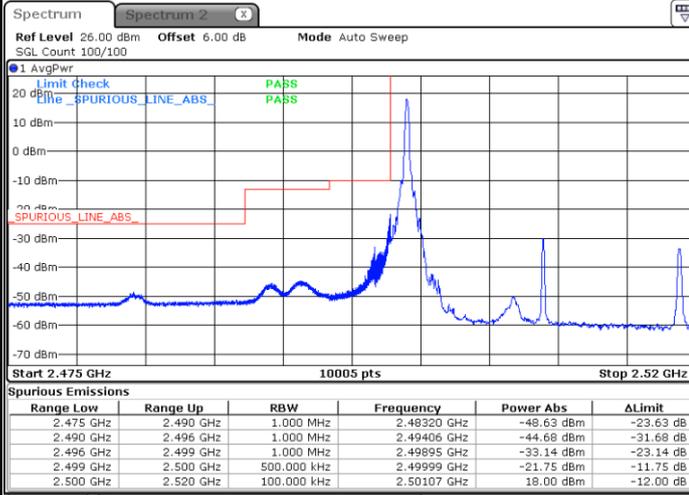




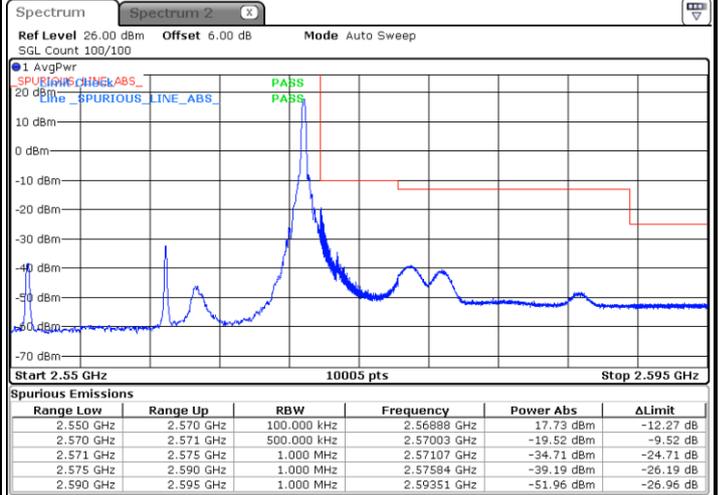
LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



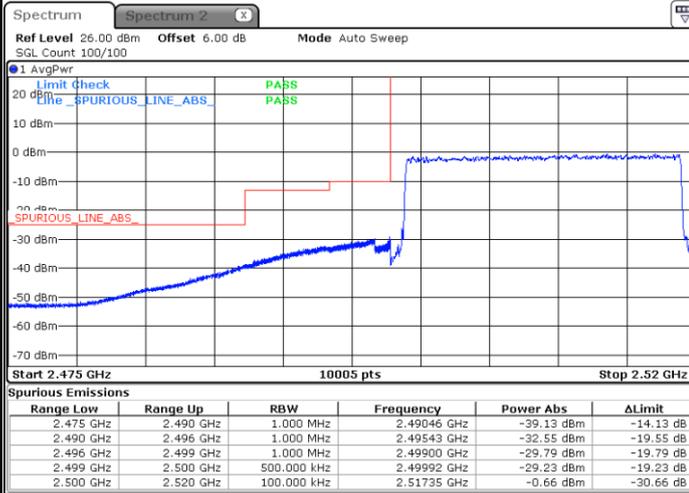
Date: 6.NOV.2024 09:26:23

Highest Band Edge / 1 RB



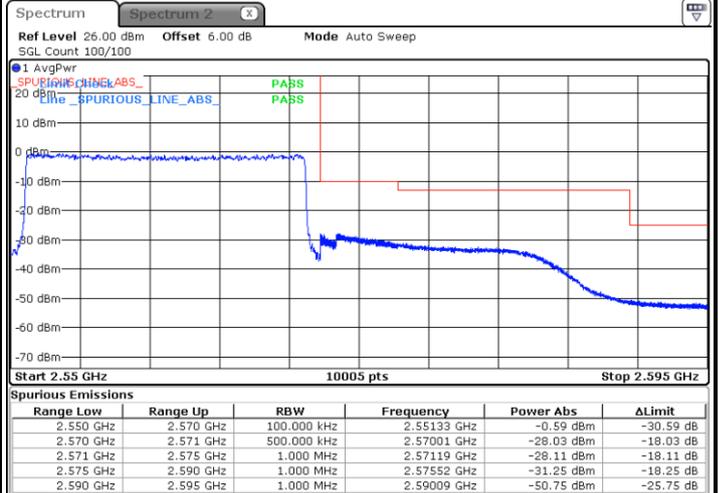
Date: 6.NOV.2024 09:35:12

Lowest Band Edge / Full RB



Date: 6.NOV.2024 09:23:38

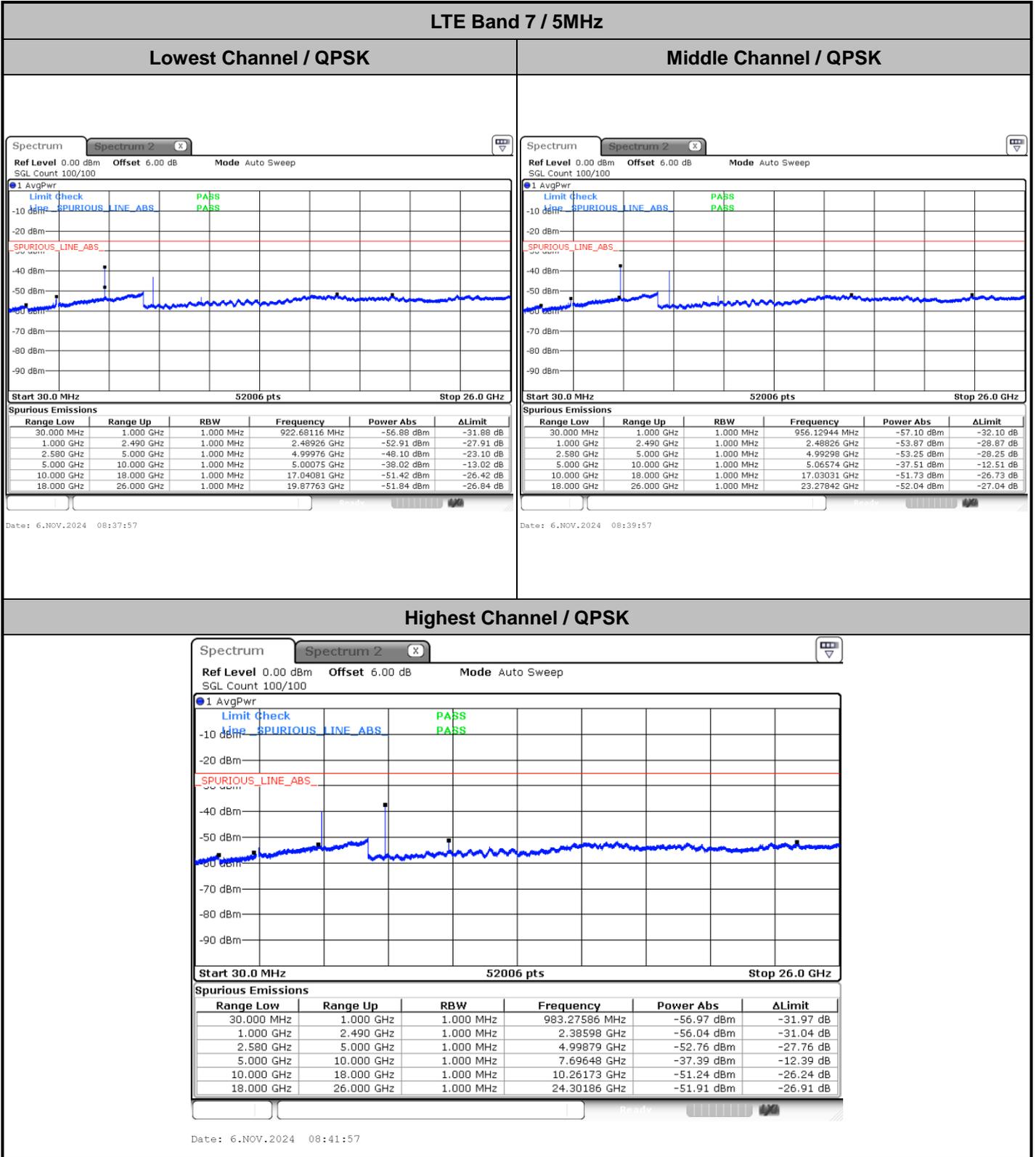
Highest Band Edge / Full RB



Date: 6.NOV.2024 09:38:02



Conducted Spurious Emission

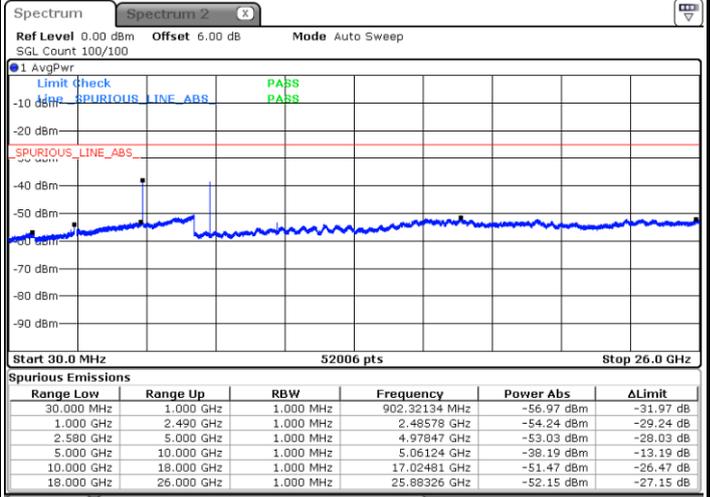
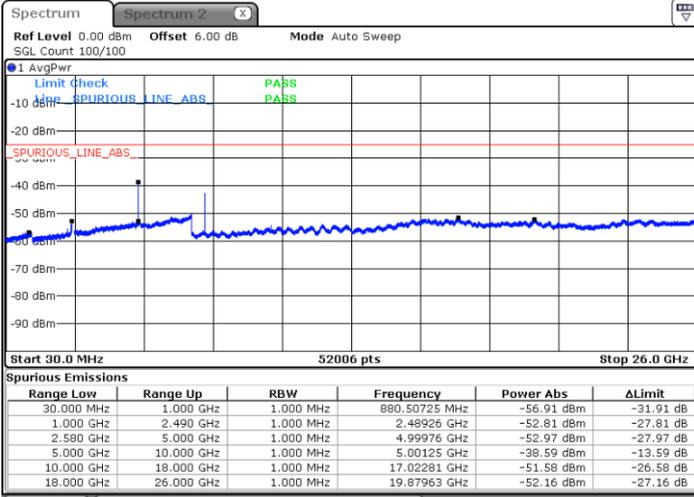




LTE Band 7 / 10MHz

Lowest Channel / QPSK

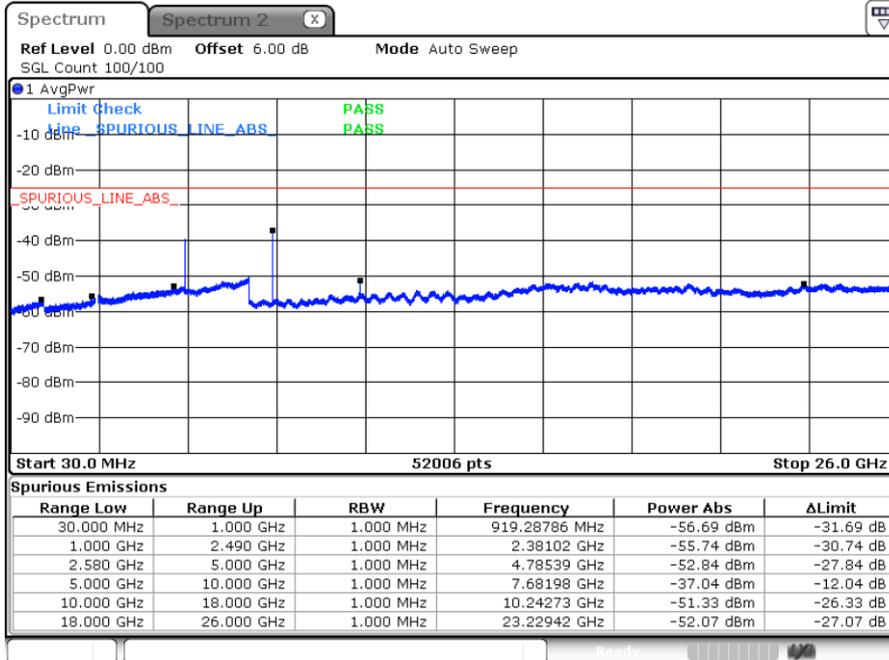
Middle Channel / QPSK



Date: 6.NOV.2024 08:54:41

Date: 6.NOV.2024 08:56:40

Highest Channel / QPSK



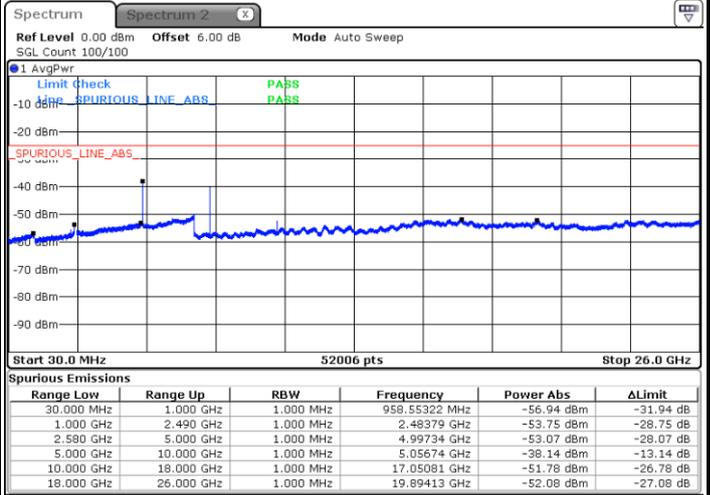
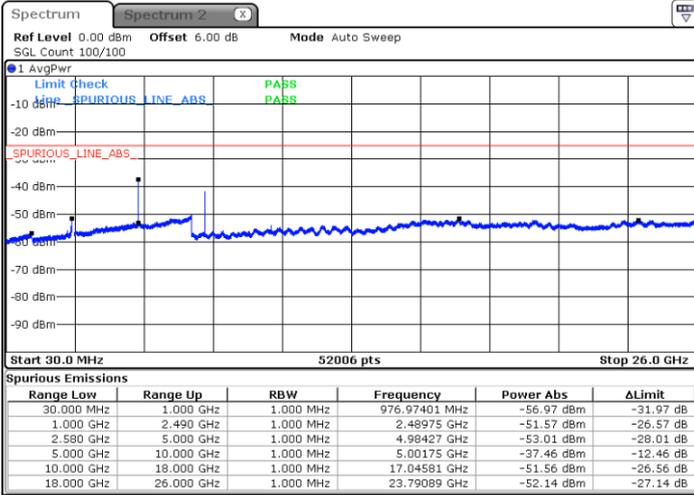
Date: 6.NOV.2024 08:58:40



LTE Band 7 / 15MHz

Lowest Channel / QPSK

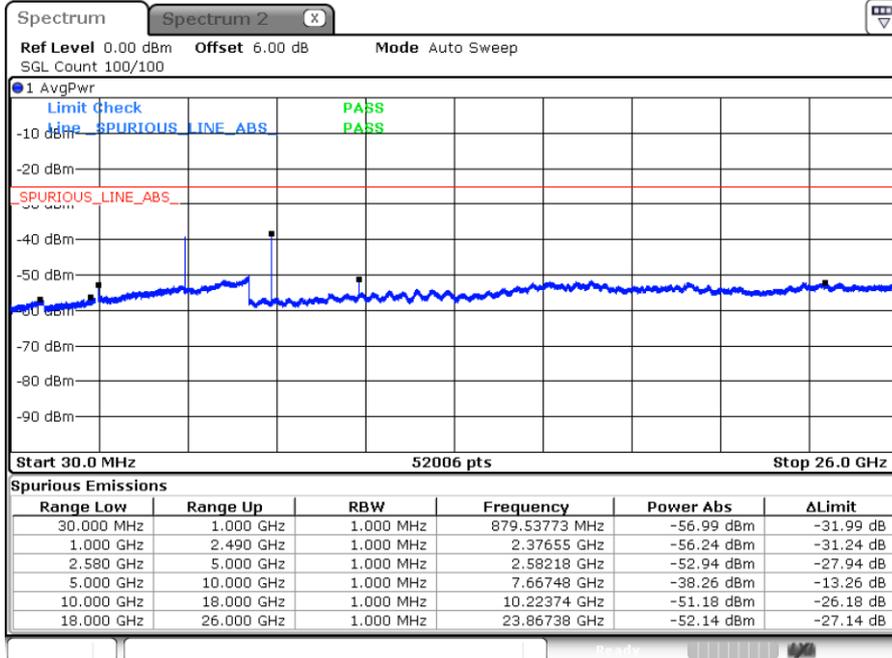
Middle Channel / QPSK



Date: 6.NOV.2024 09:11:25

Date: 6.NOV.2024 09:13:25

Highest Channel / QPSK



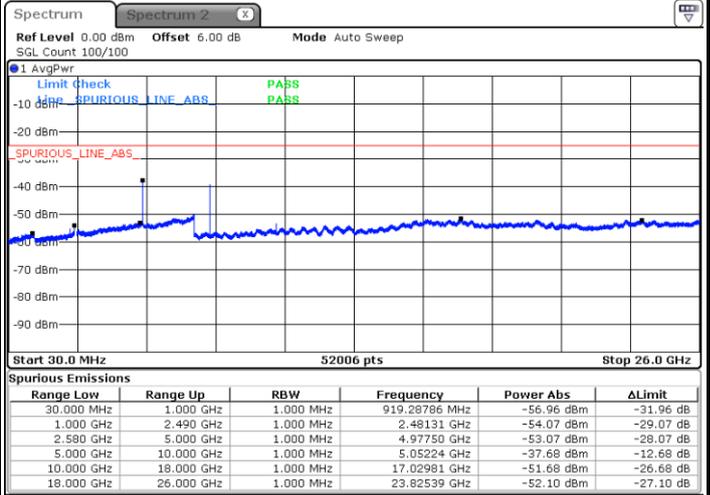
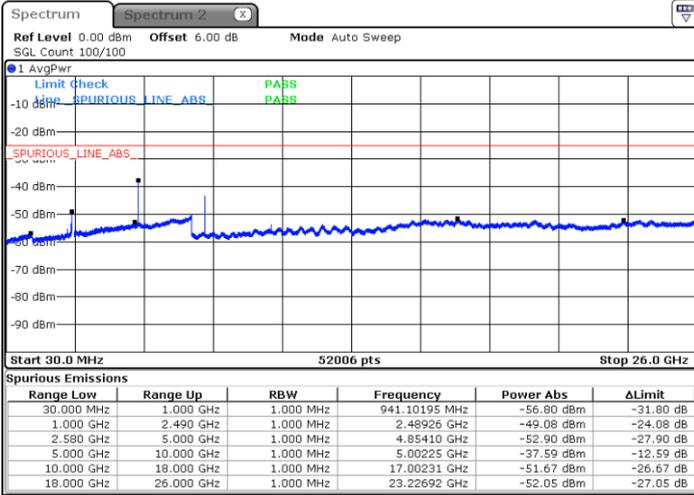
Date: 6.NOV.2024 09:15:26



LTE Band 7 / 20MHz

Lowest Channel / QPSK

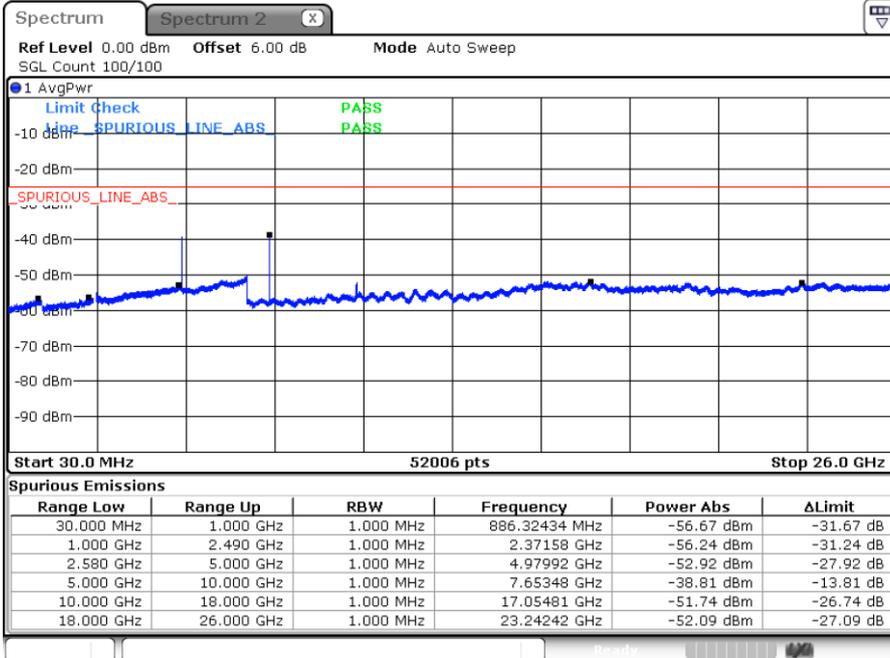
Middle Channel / QPSK



Date: 6.NOV.2024 09:28:23

Date: 6.NOV.2024 09:30:28

Highest Channel / QPSK



Date: 6.NOV.2024 09:32:29



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	0.0016	PASS
40	Normal Voltage	0.0054	
30	Normal Voltage	0.0038	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0034	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0034	
20	Normal Voltage	0.0064	
20	Battery End Point	0.0046	

Note:

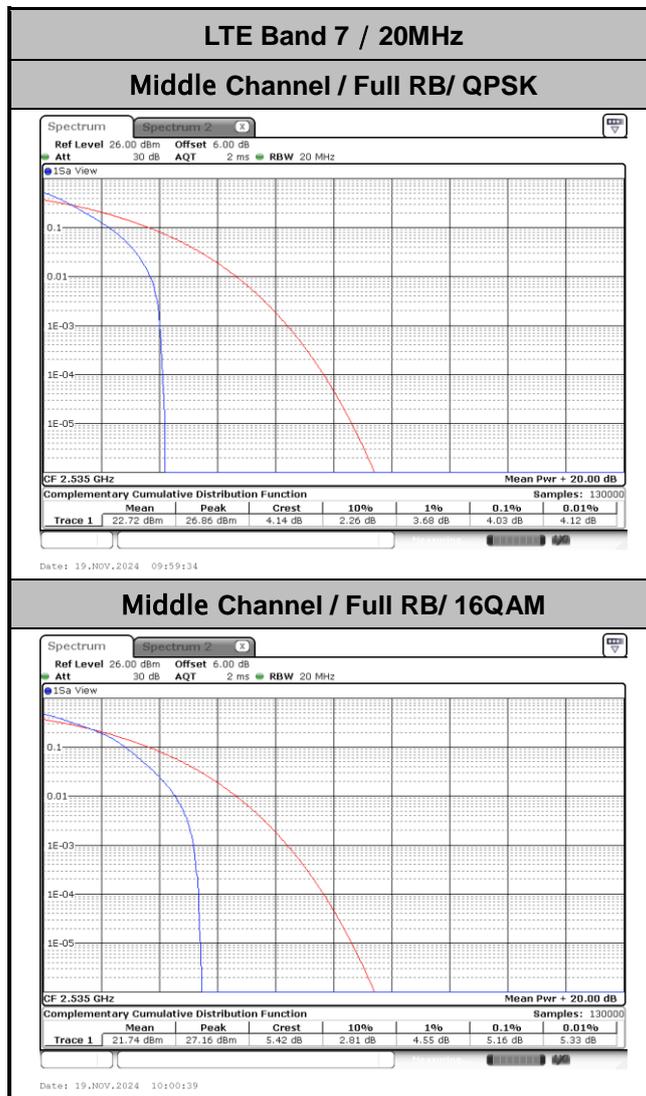
1. Normal Voltage =3.69 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.1 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

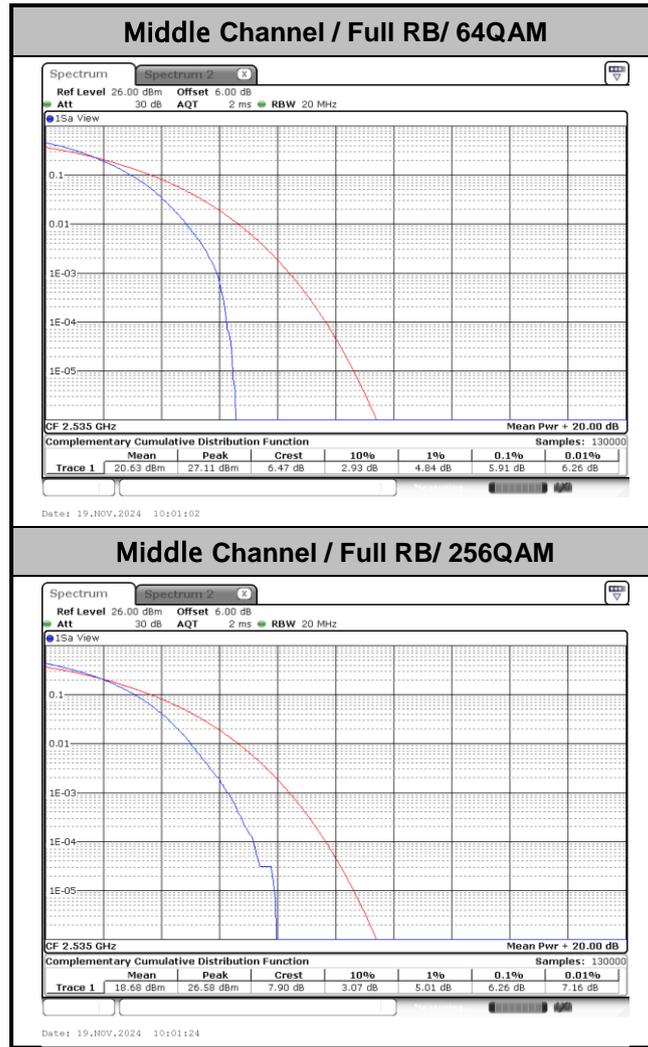


LTE Band 7(Other PA1)

Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.03	5.16	5.91	6.26	PASS

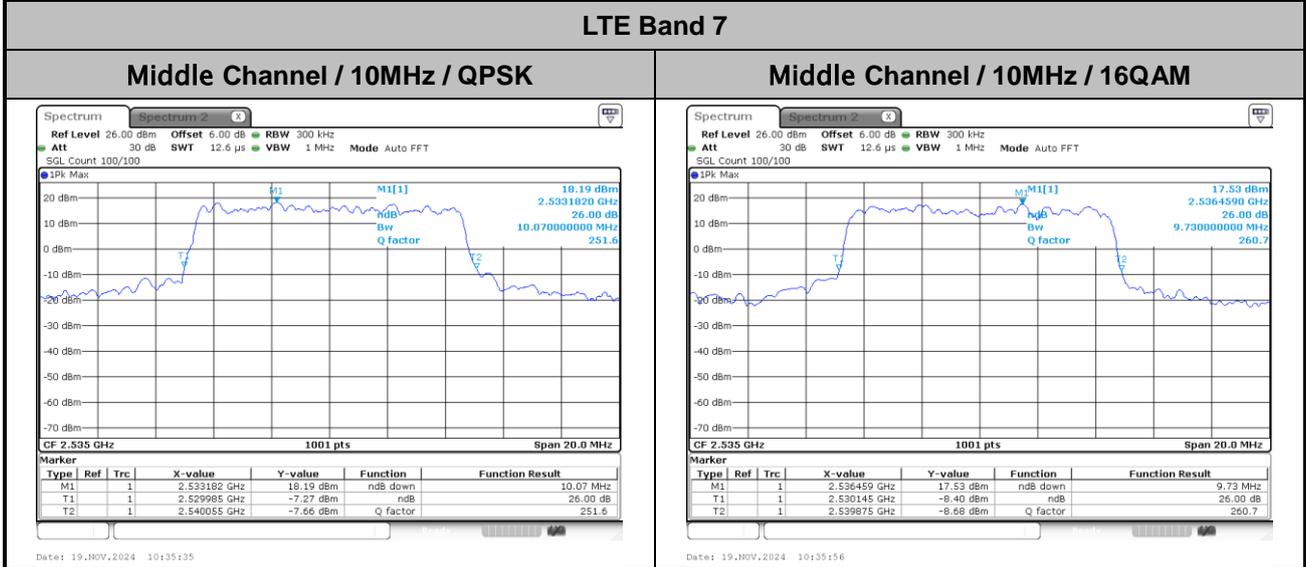
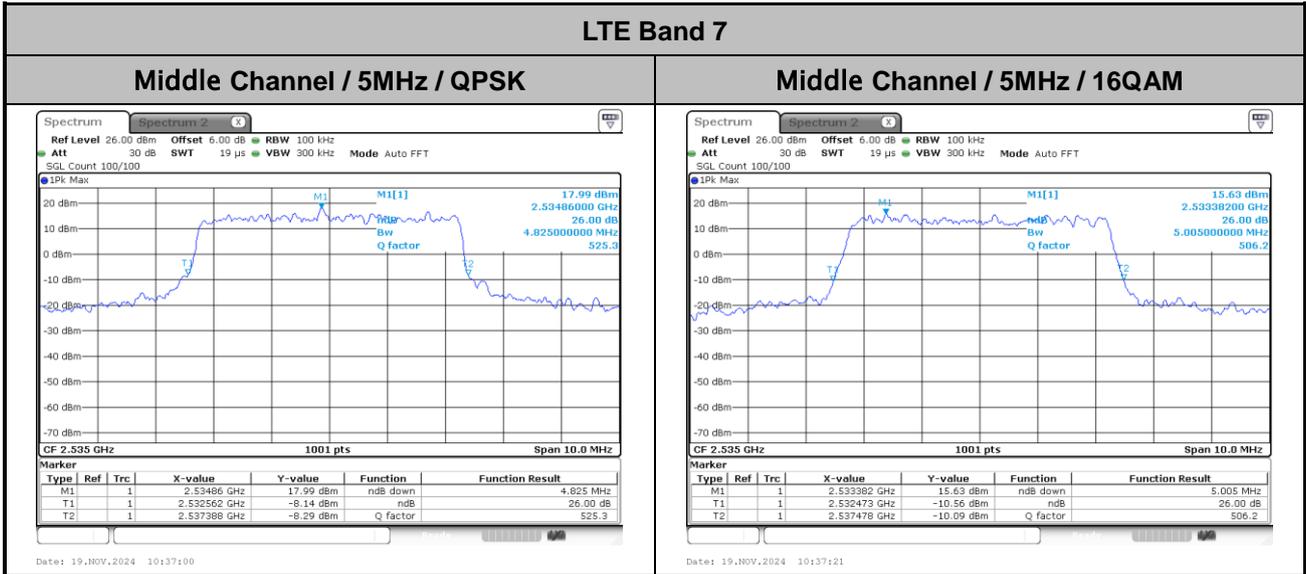






26dB Bandwidth

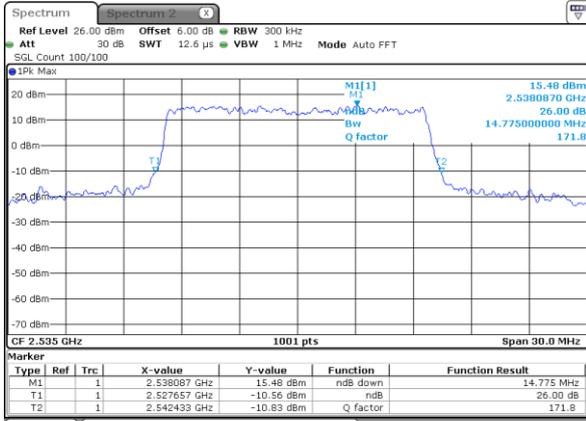
Mode	LTE Band 7 : 26dB BW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.83	5.01	10.07	9.73	14.78	14.60	18.86	19.26



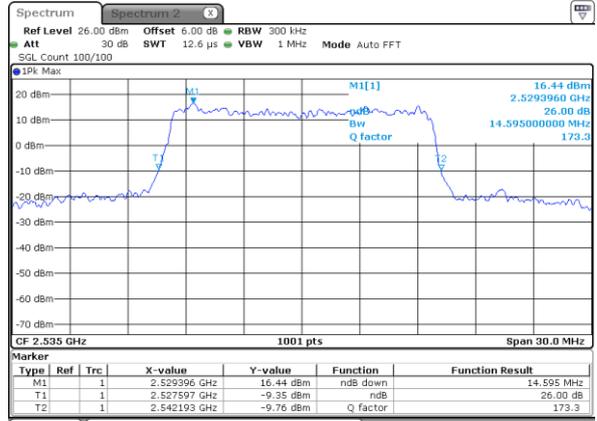


LTE Band 7

Middle Channel / 15MHz / QPSK

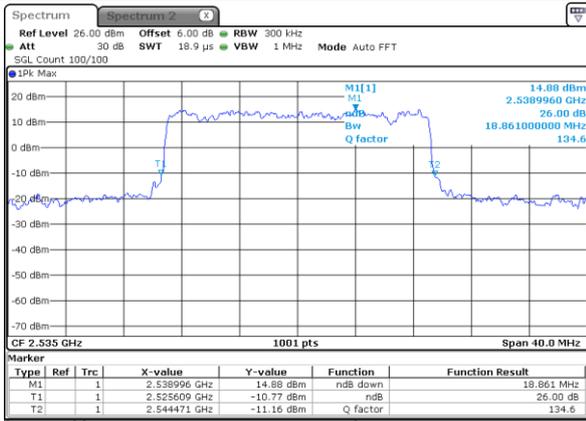


Middle Channel / 15MHz / 16QAM

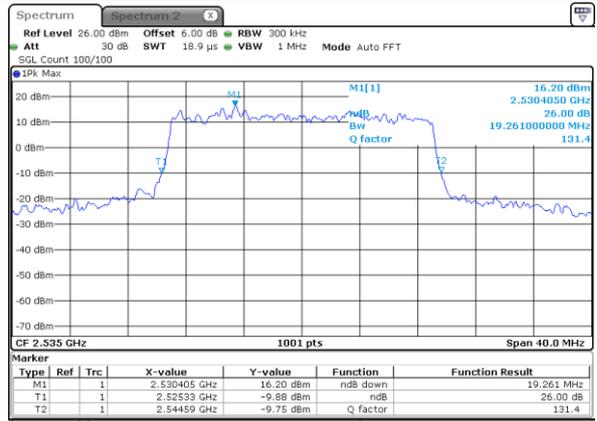


LTE Band 7

Middle Channel / 20MHz / QPSK



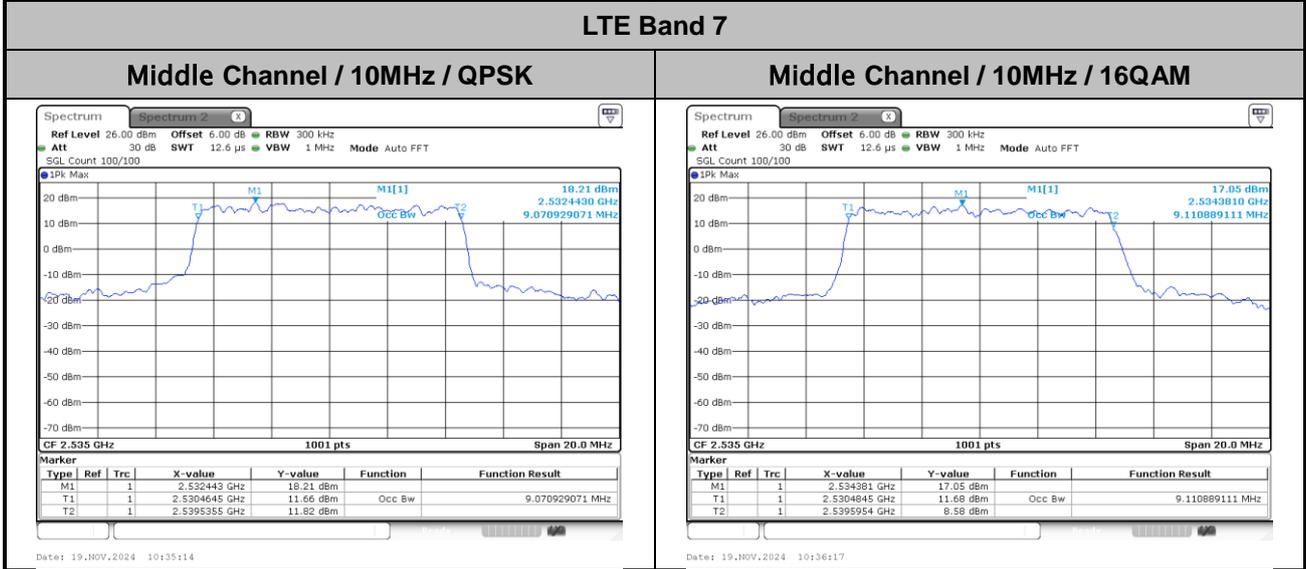
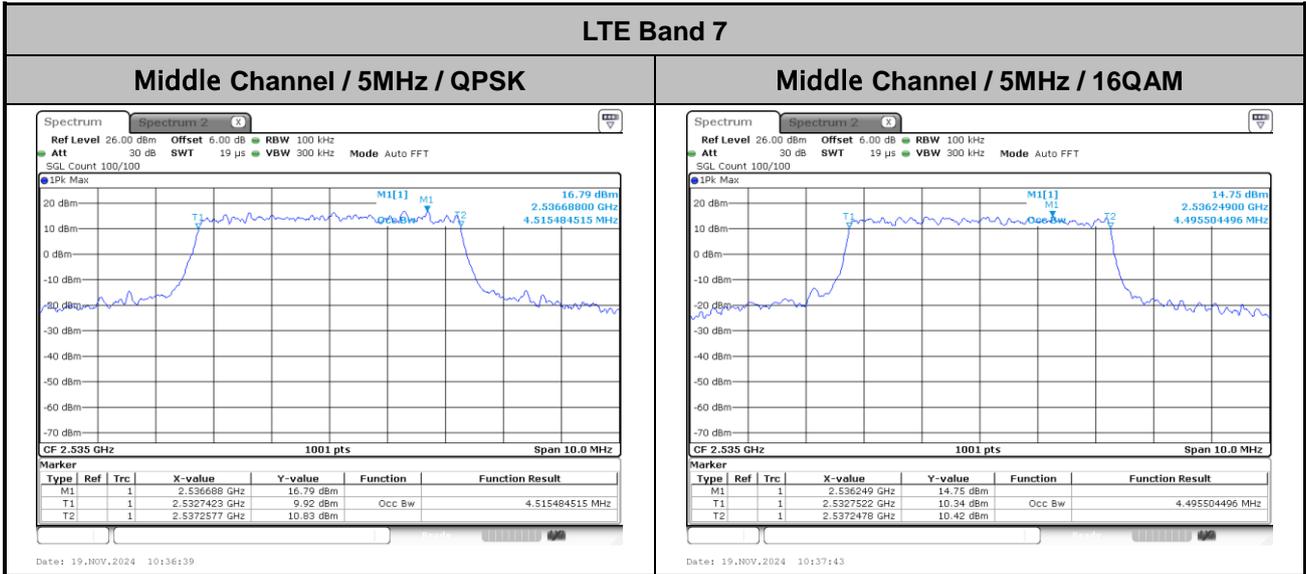
Middle Channel / 20MHz / 16QAM





Occupied Bandwidth

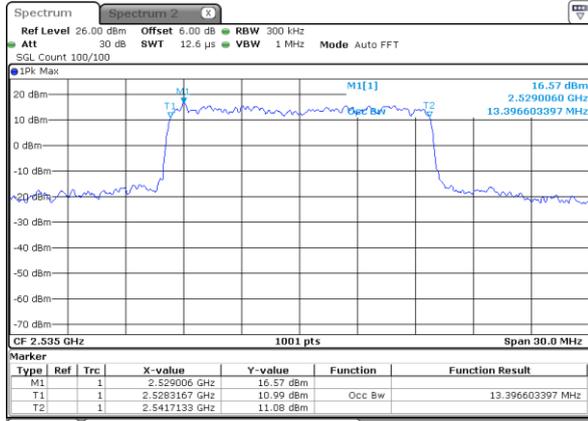
Mode	LTE Band 7 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.52	4.50	9.07	9.11	13.40	13.43	17.82	17.94





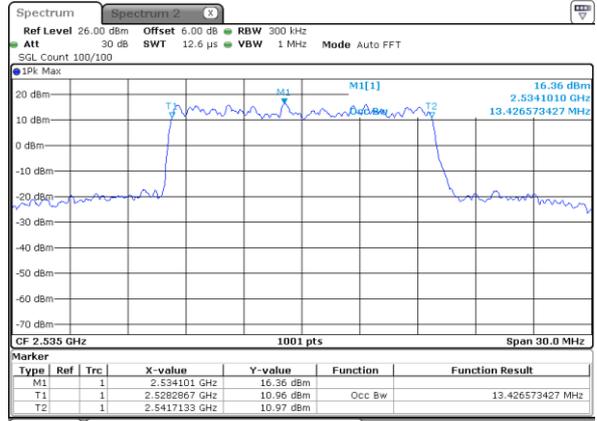
LTE Band 7

Middle Channel / 15MHz / QPSK



Date: 19.NOV.2024 10:33:49

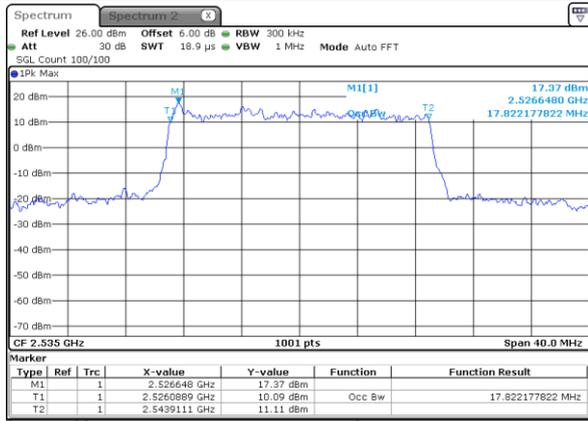
Middle Channel / 15MHz / 16QAM



Date: 19.NOV.2024 10:34:52

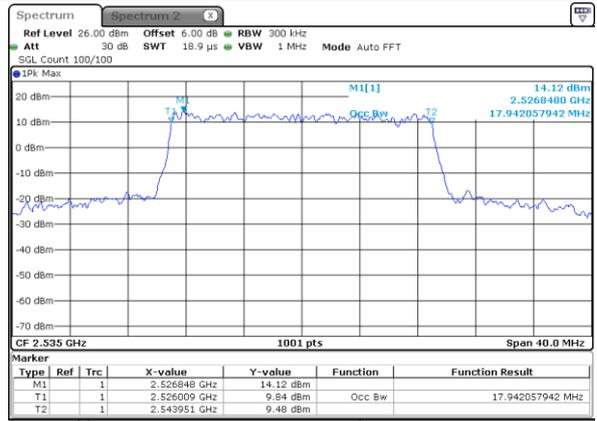
LTE Band 7

Middle Channel / 20MHz / QPSK



Date: 19.NOV.2024 09:58:51

Middle Channel / 20MHz / 16QAM



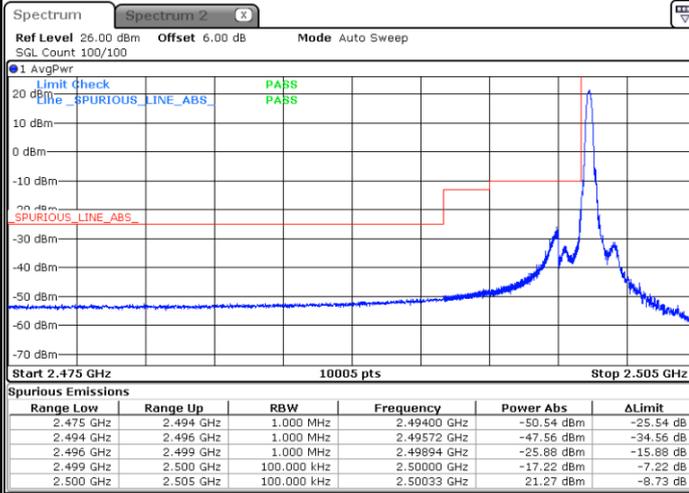
Date: 19.NOV.2024 09:59:56



Conducted Band Edge

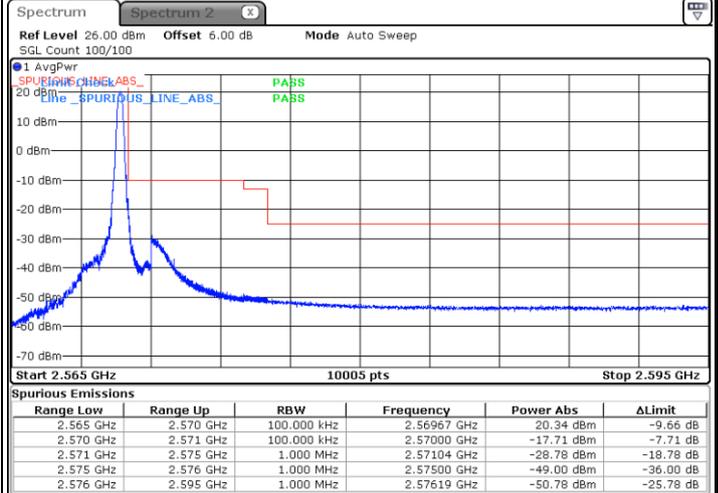
LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB



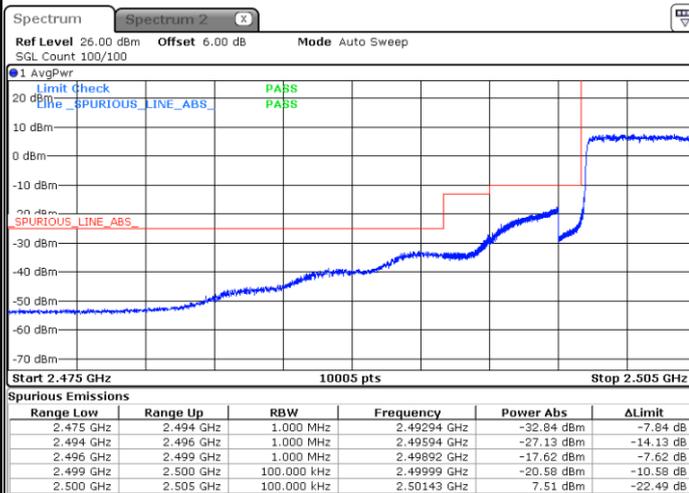
Date: 19.NOV.2024 08:47:06

Highest Band Edge / 1 RB



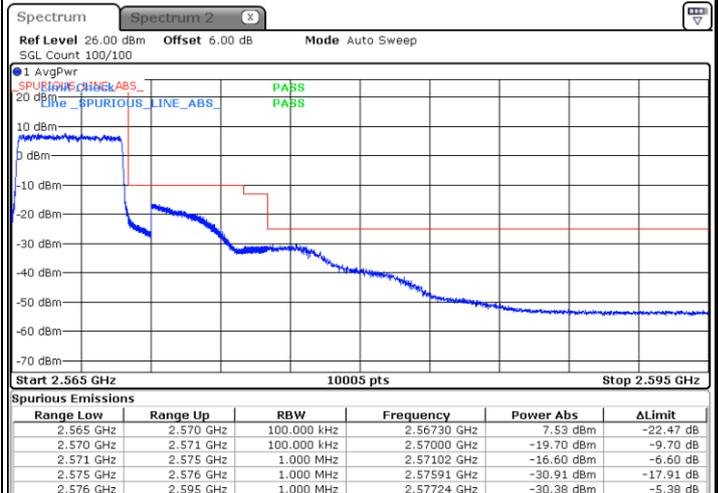
Date: 19.NOV.2024 08:54:03

Lowest Band Edge / Full RB



Date: 19.NOV.2024 08:22:32

Highest Band Edge / Full RB

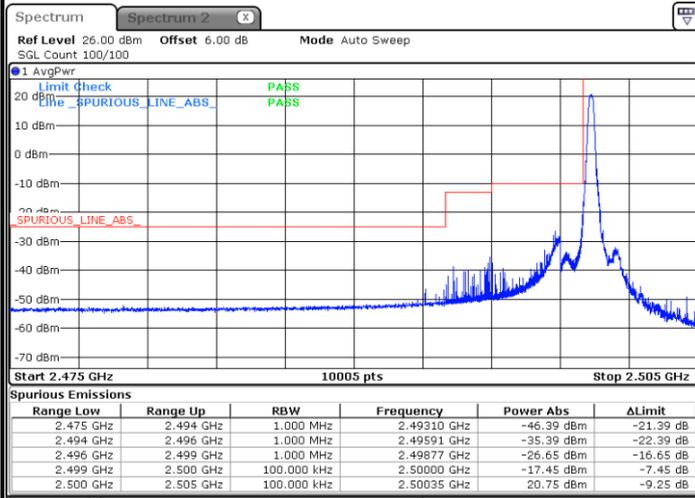


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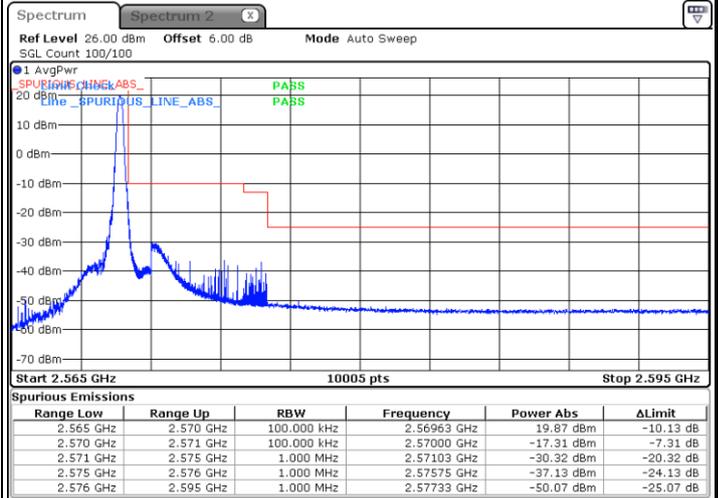
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



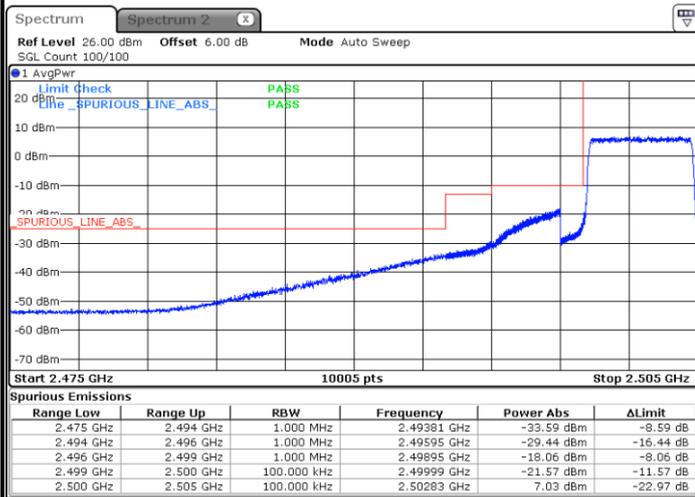
Date: 19.NOV.2024 08:48:07

Highest Band Edge / 1 RB



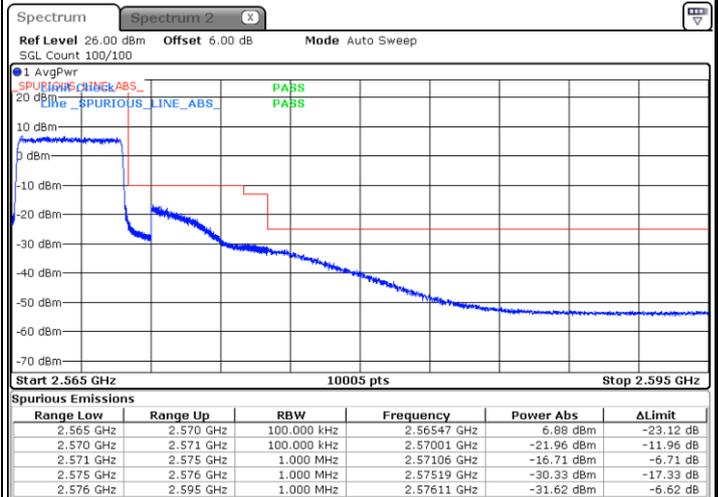
Date: 19.NOV.2024 08:55:03

Lowest Band Edge / Full RB



Date: 19.NOV.2024 08:23:33

Highest Band Edge / Full RB

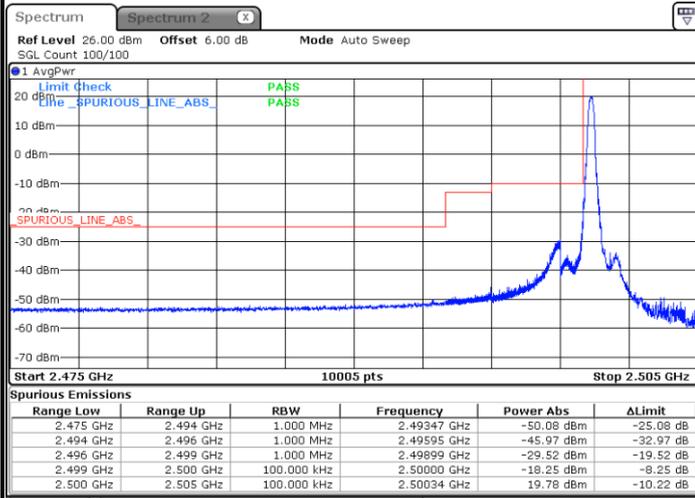


Date: 19.NOV.2024 08:59:08



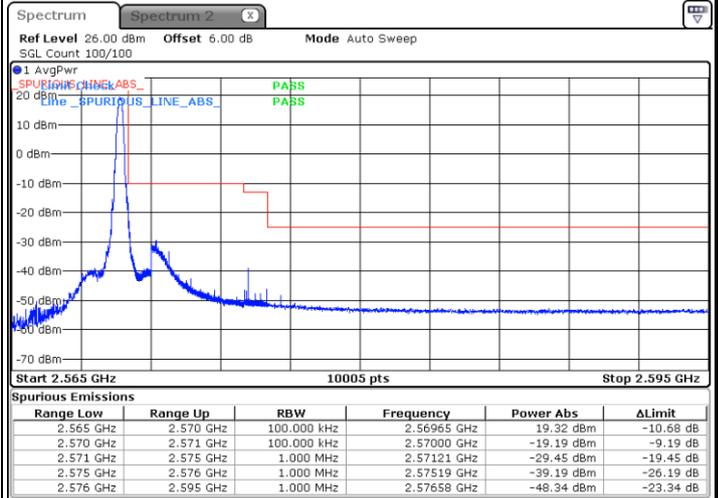
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



Date: 19.NOV.2024 08:49:09

Highest Band Edge / 1 RB



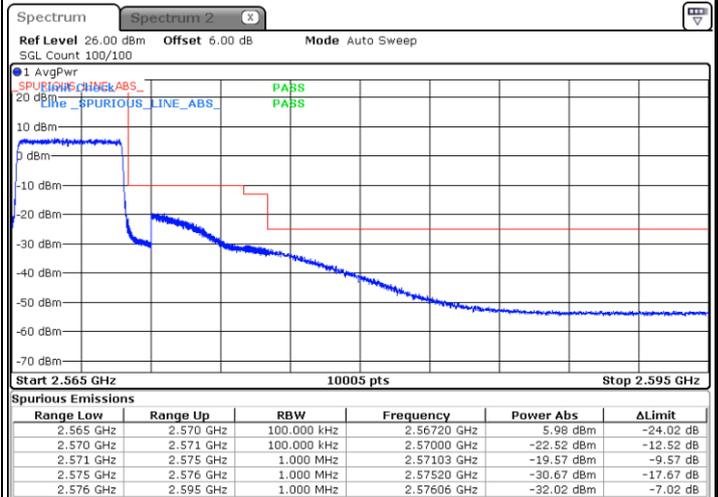
Date: 19.NOV.2024 08:56:04

Lowest Band Edge / Full RB



Date: 19.NOV.2024 08:24:35

Highest Band Edge / Full RB

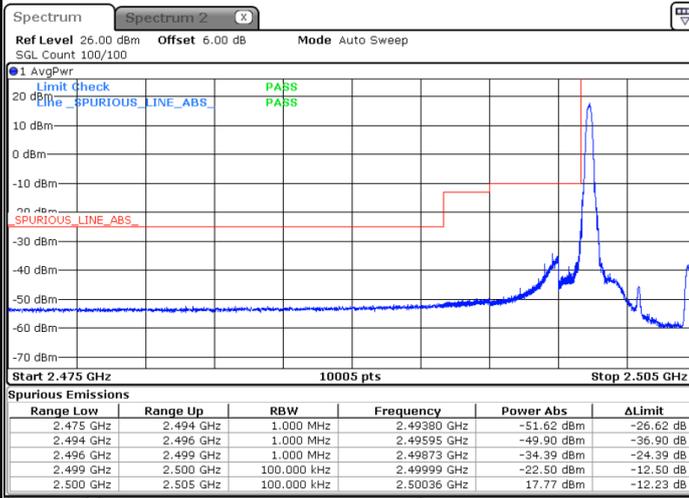


Date: 19.NOV.2024 09:00:09



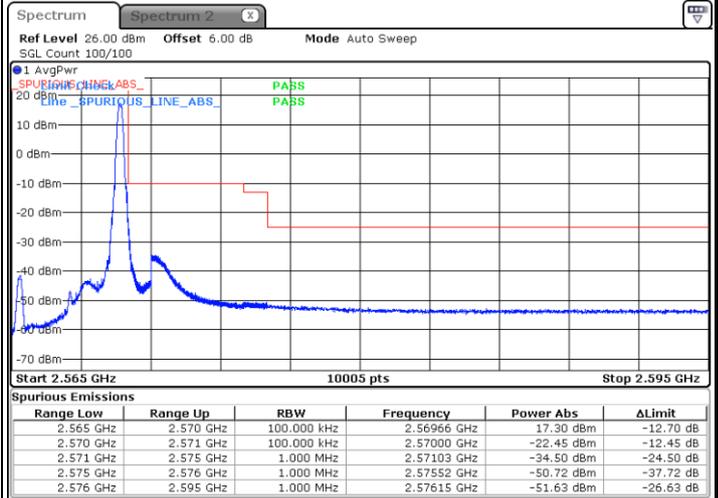
LTE Band 7 / 5MHz / 256QAM

Lowest Band Edge / 1RB



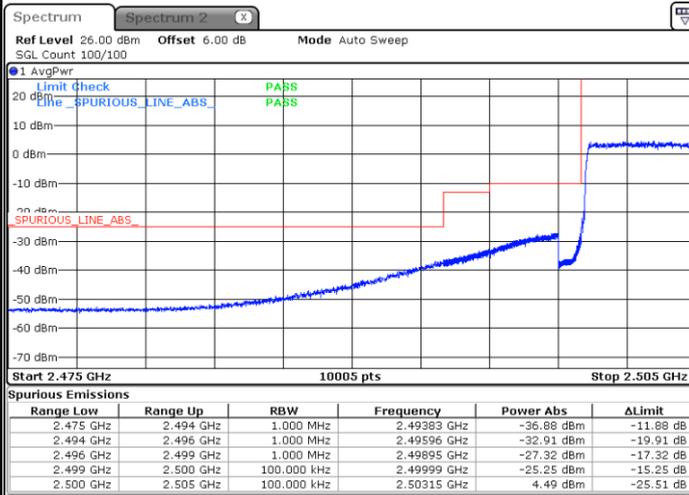
Date: 19.NOV.2024 08:50:10

Highest Band Edge / 1 RB



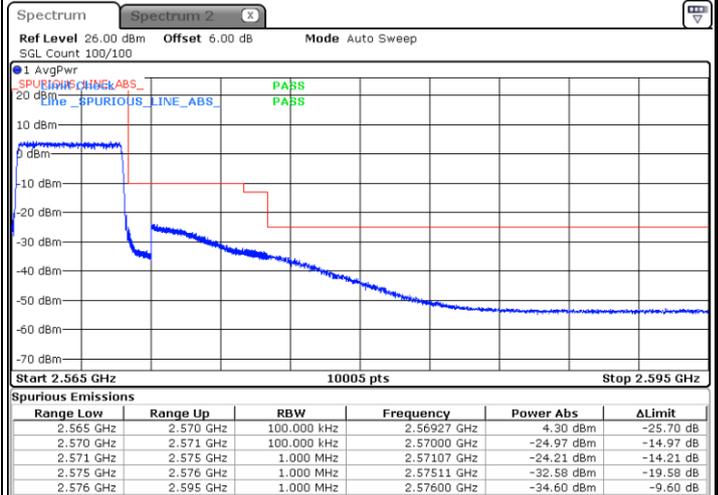
Date: 19.NOV.2024 08:57:05

Lowest Band Edge / Full RB



Date: 19.NOV.2024 08:46:05

Highest Band Edge / Full RB

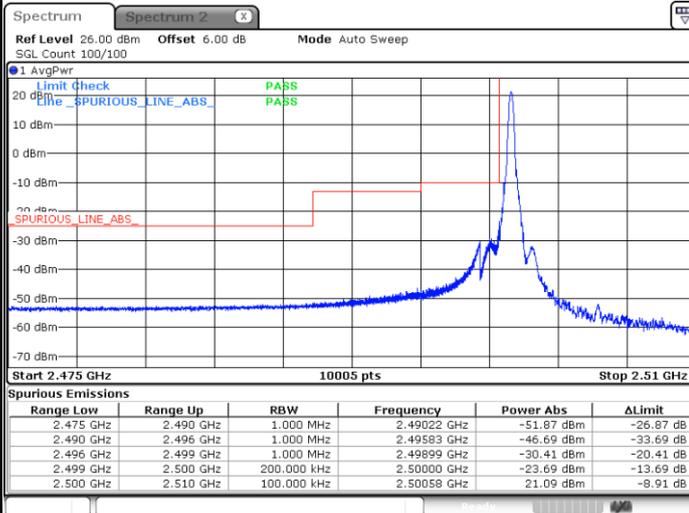


Date: 19.NOV.2024 09:01:09



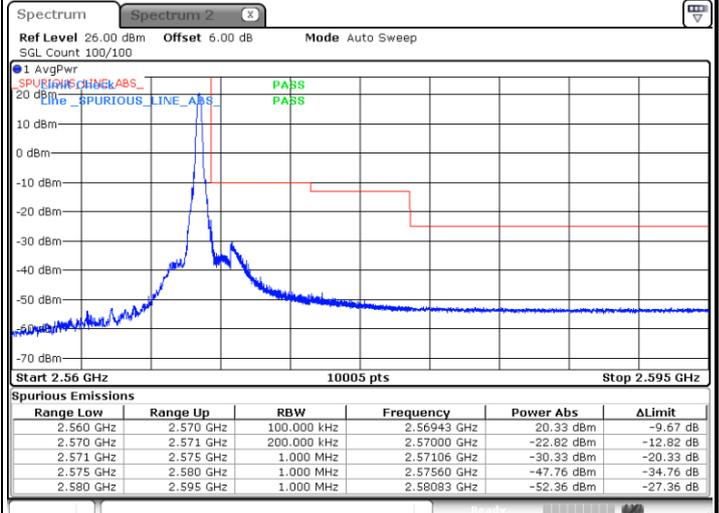
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



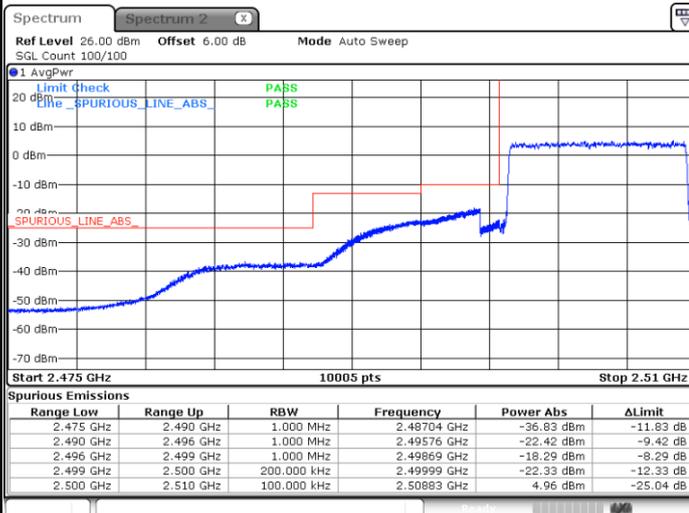
Date: 19.NOV.2024 09:06:14

Highest Band Edge / 1 RB



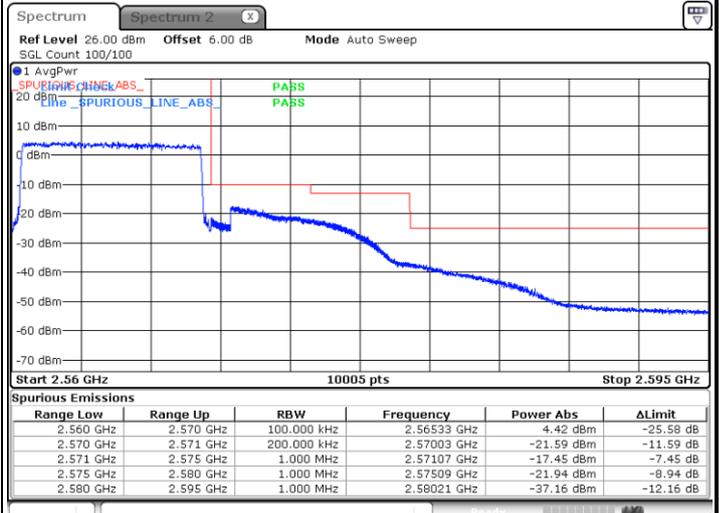
Date: 19.NOV.2024 09:13:08

Lowest Band Edge / Full RB



Date: 19.NOV.2024 09:02:11

Highest Band Edge / Full RB

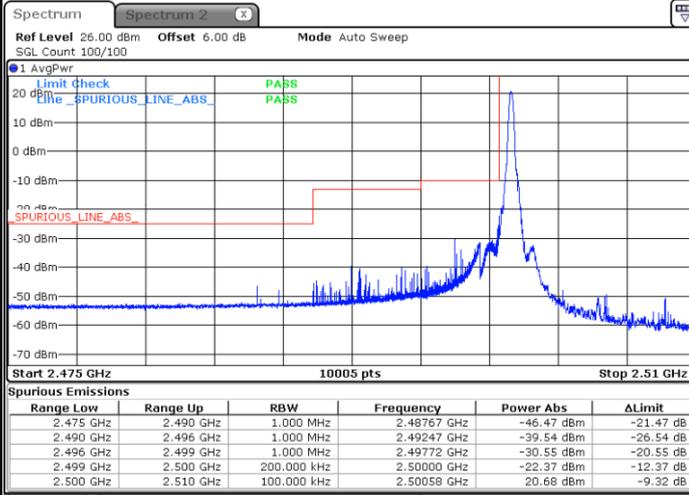


Date: 19.NOV.2024 09:17:13



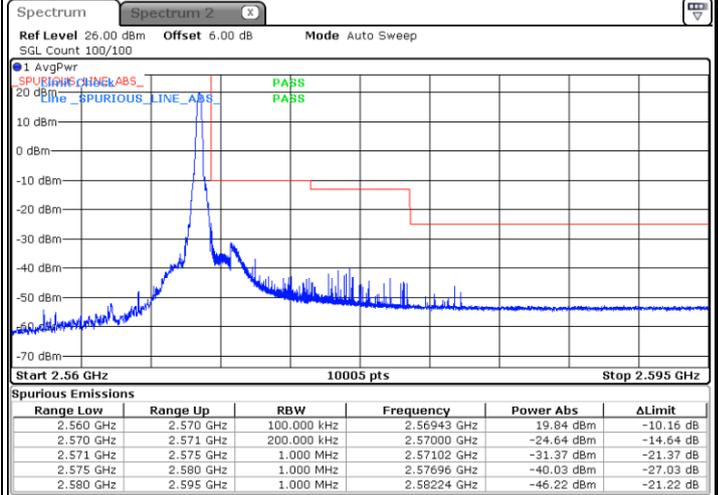
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



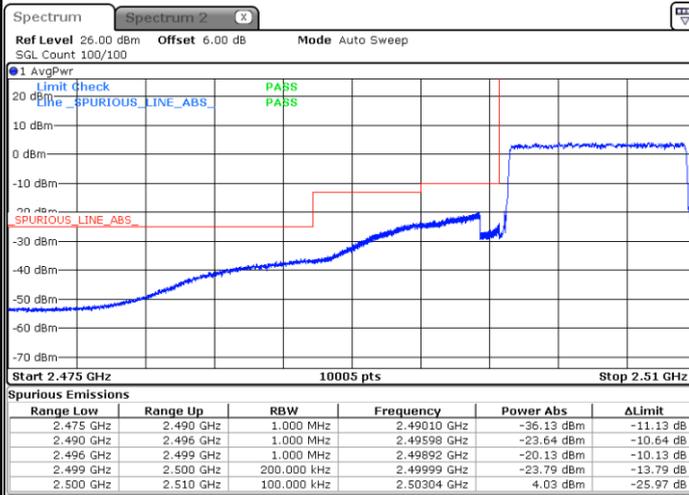
Date: 19.NOV.2024 09:07:15

Highest Band Edge / 1 RB



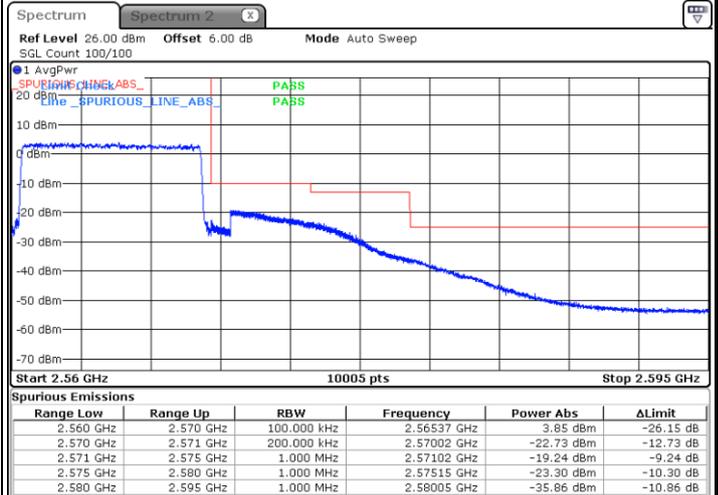
Date: 19.NOV.2024 09:14:10

Lowest Band Edge / Full RB



Date: 19.NOV.2024 09:03:13

Highest Band Edge / Full RB

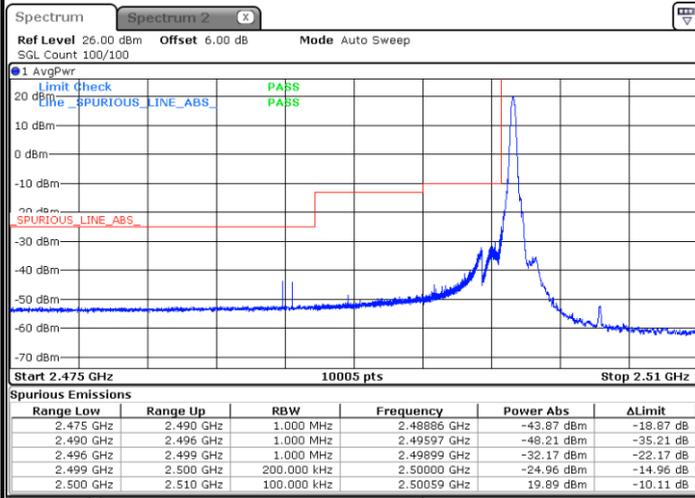


Date: 19.NOV.2024 09:18:13



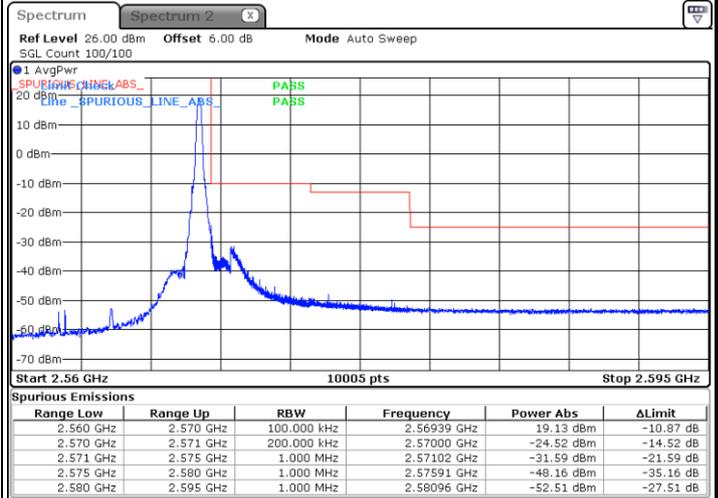
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



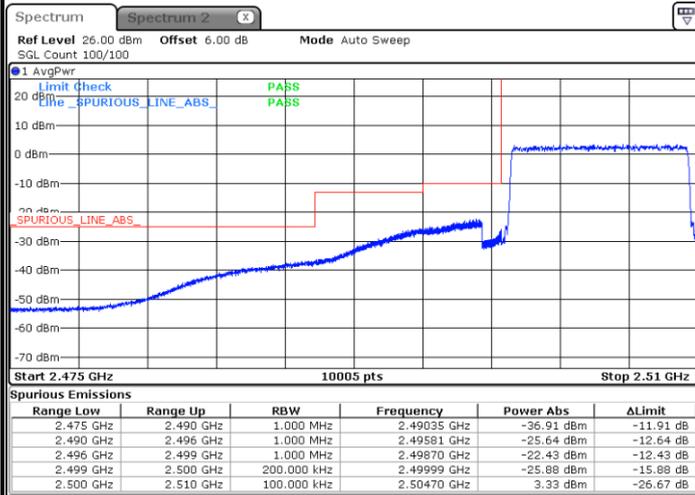
Date: 19.NOV.2024 09:08:16

Highest Band Edge / 1 RB



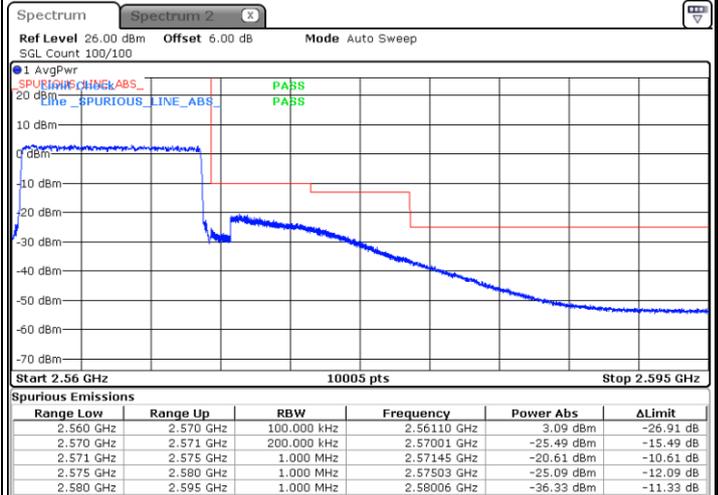
Date: 19.NOV.2024 09:15:10

Lowest Band Edge / Full RB



Date: 19.NOV.2024 09:04:13

Highest Band Edge / Full RB



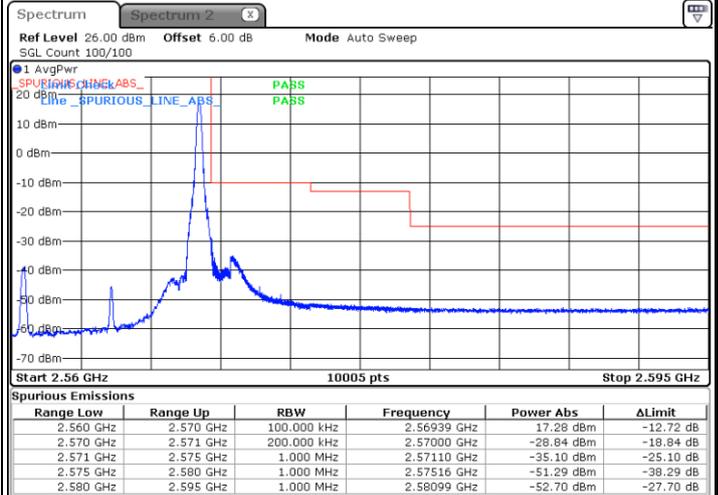
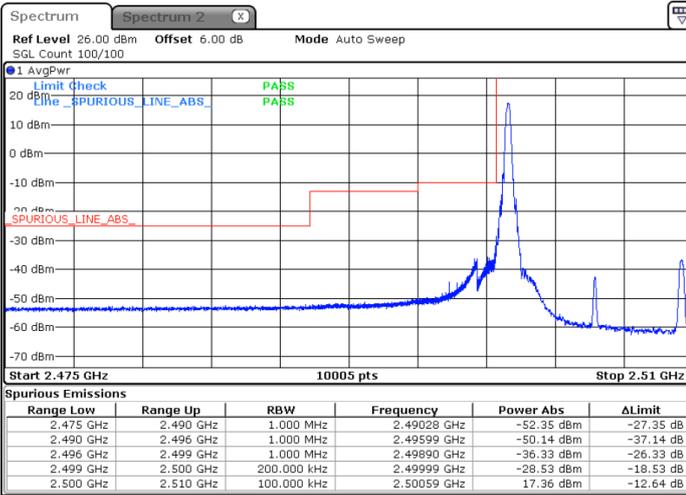
Date: 19.NOV.2024 09:19:13



LTE Band 7 / 10MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

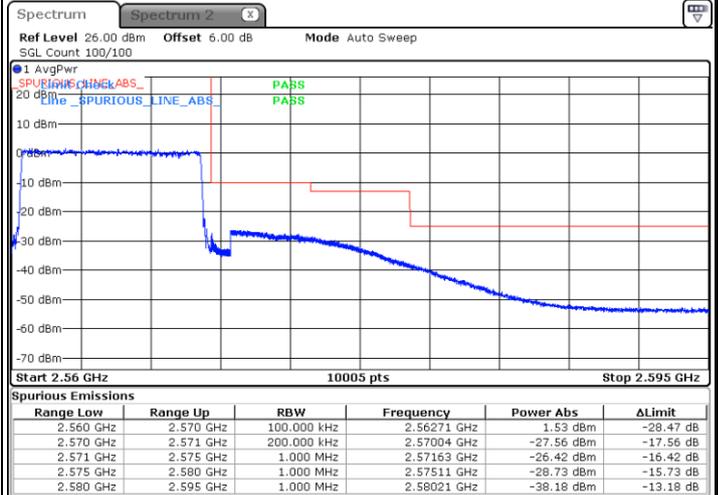
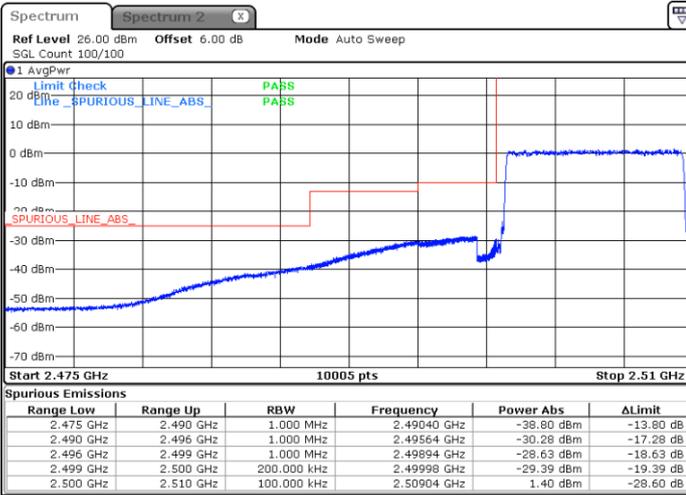


Date: 19.NOV.2024 09:09:16

Date: 19.NOV.2024 09:16:12

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



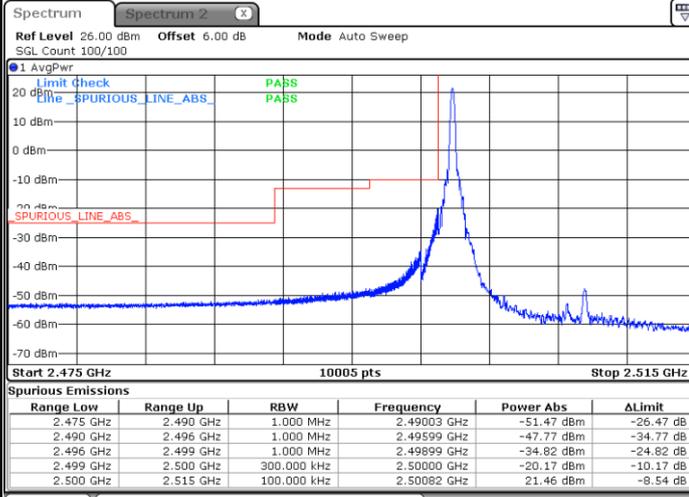
Date: 19.NOV.2024 09:05:14

Date: 19.NOV.2024 09:20:14



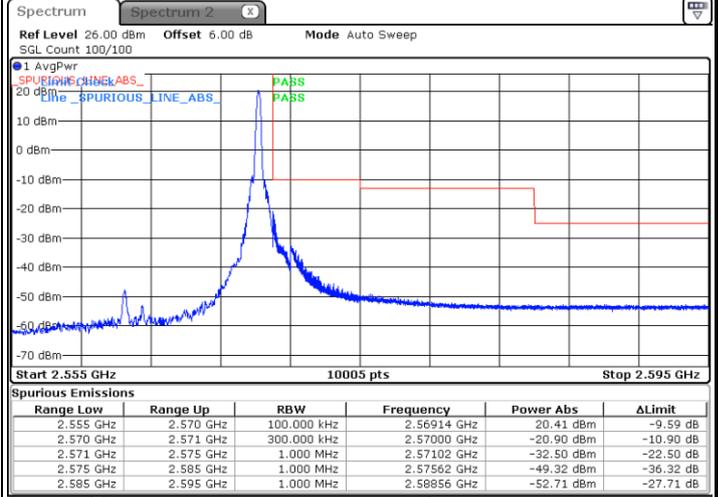
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



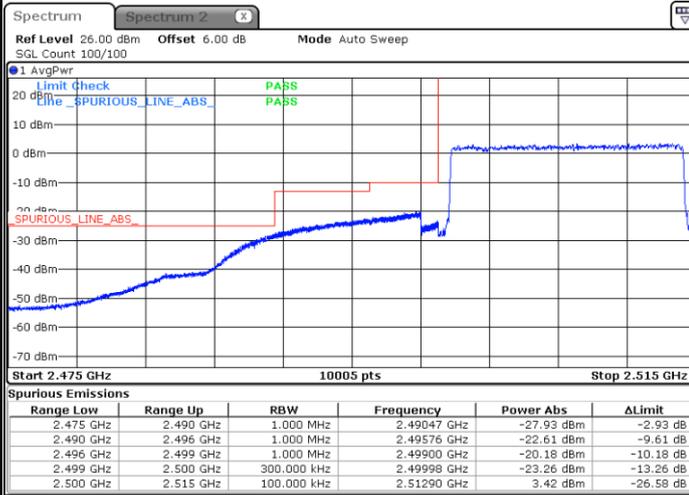
Date: 19.NOV.2024 09:25:18

Highest Band Edge / 1 RB



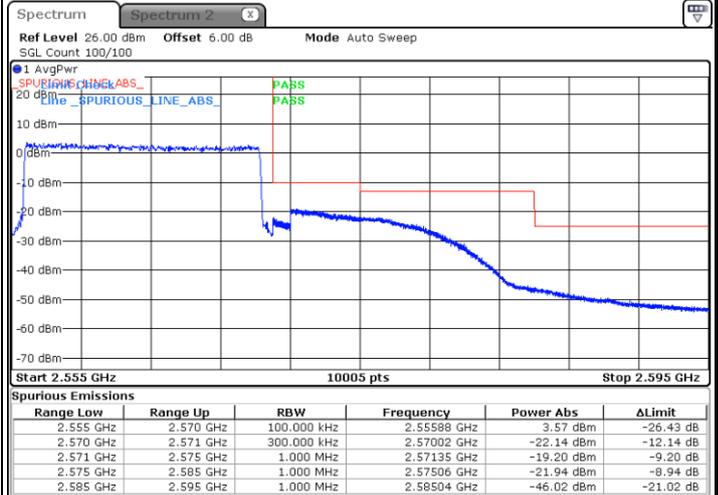
Date: 19.NOV.2024 09:32:15

Lowest Band Edge / Full RB



Date: 19.NOV.2024 09:21:15

Highest Band Edge / Full RB

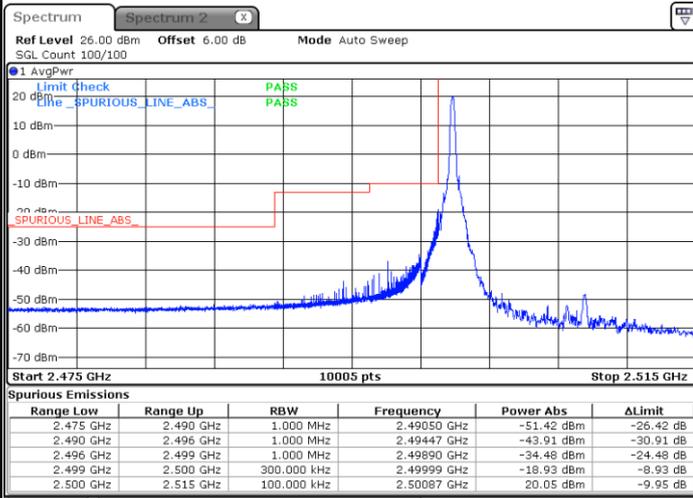


Date: 19.NOV.2024 09:36:19



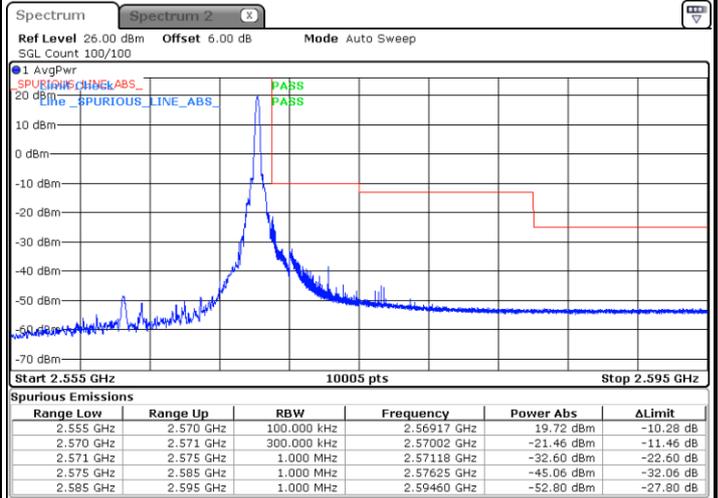
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



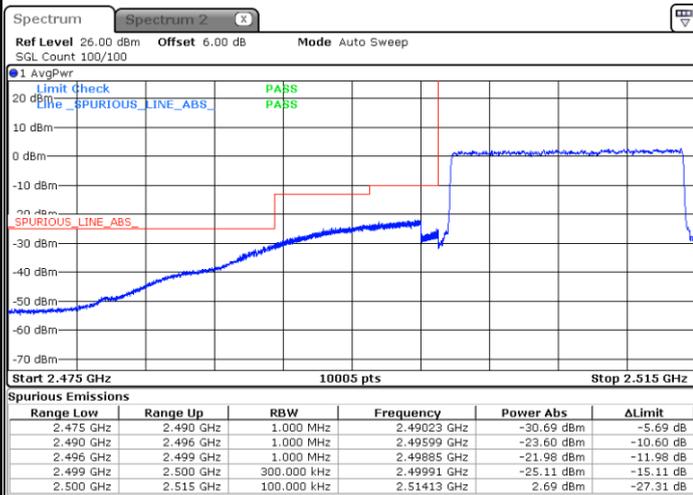
Date: 19.NOV.2024 09:26:20

Highest Band Edge / 1 RB



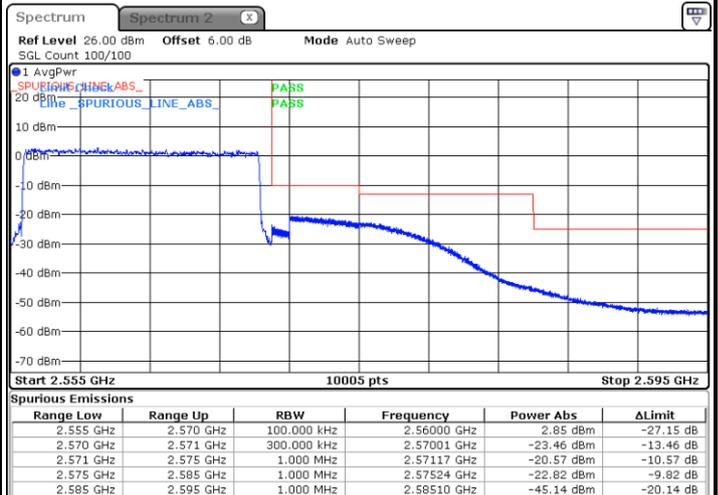
Date: 19.NOV.2024 09:33:16

Lowest Band Edge / Full RB



Date: 19.NOV.2024 09:22:16

Highest Band Edge / Full RB

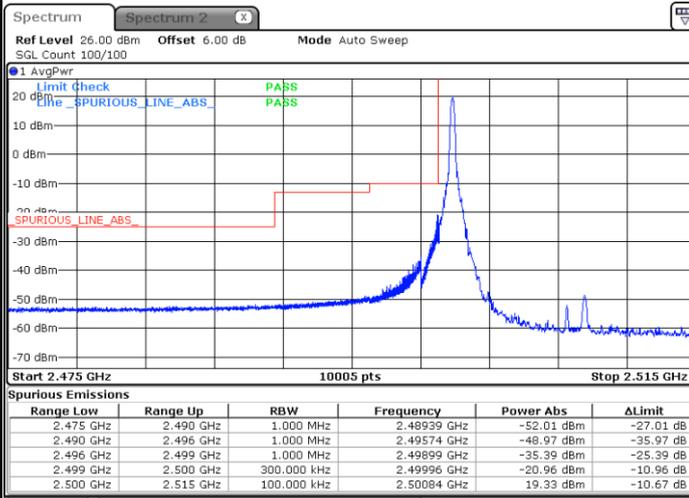


Date: 19.NOV.2024 09:37:20



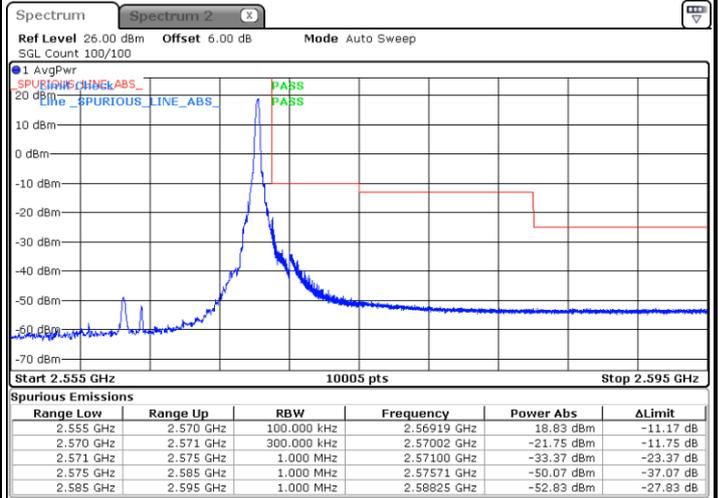
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



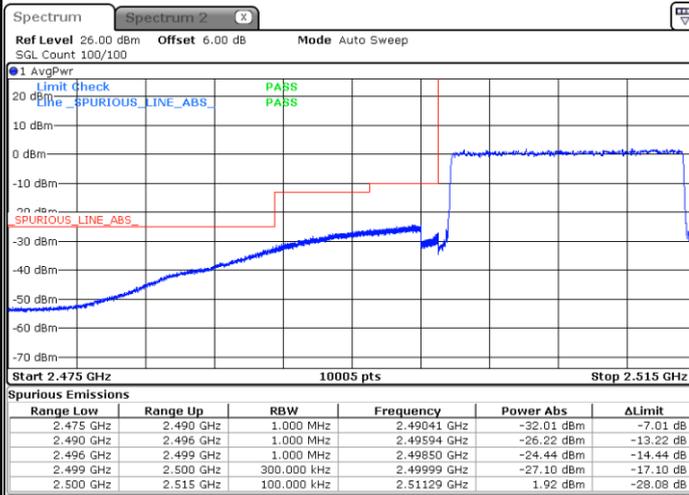
Date: 19.NOV.2024 09:27:21

Highest Band Edge / 1 RB



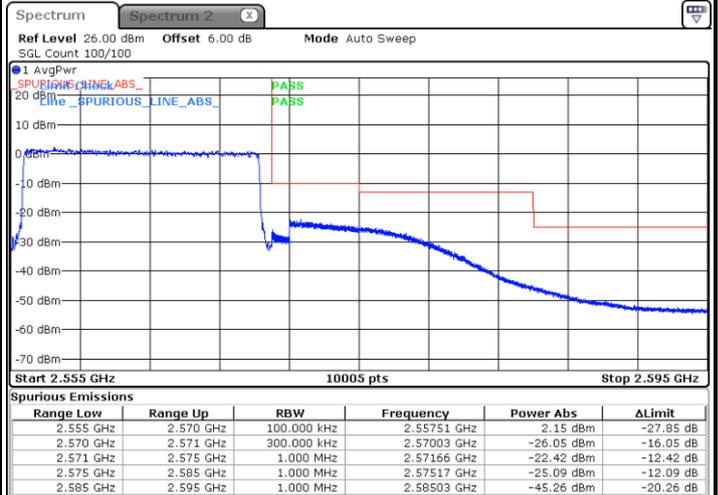
Date: 19.NOV.2024 09:34:17

Lowest Band Edge / Full RB



Date: 19.NOV.2024 09:23:17

Highest Band Edge / Full RB

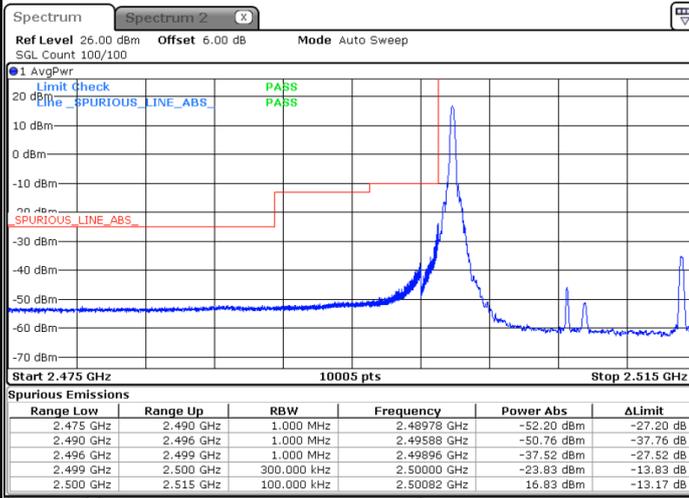


Date: 19.NOV.2024 09:38:21



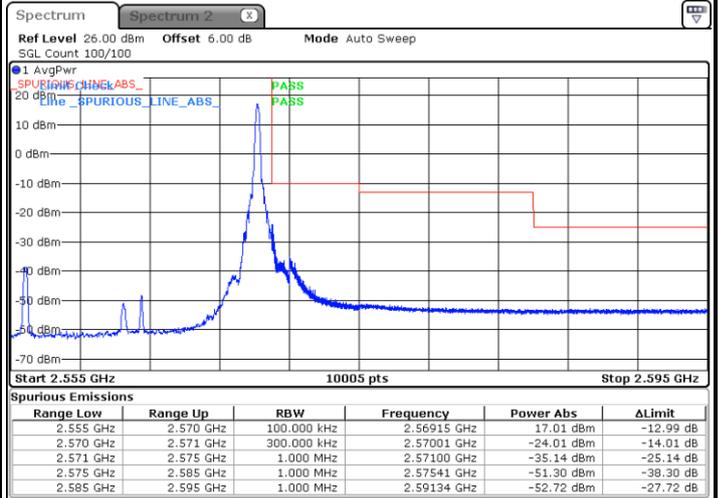
LTE Band 7 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



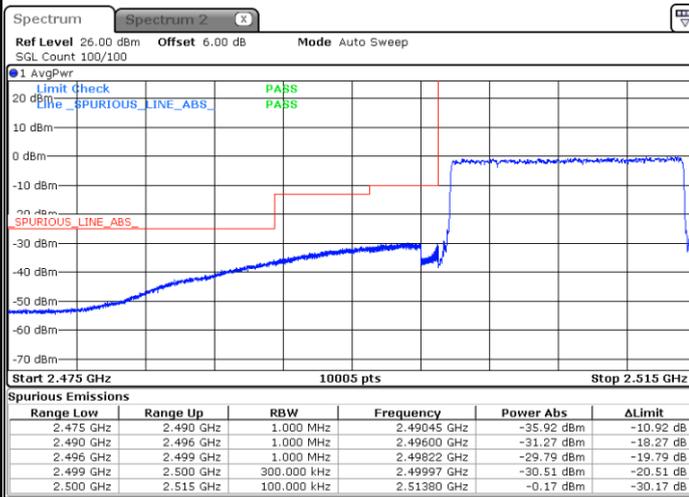
Date: 19.NOV.2024 09:28:22

Highest Band Edge / 1 RB



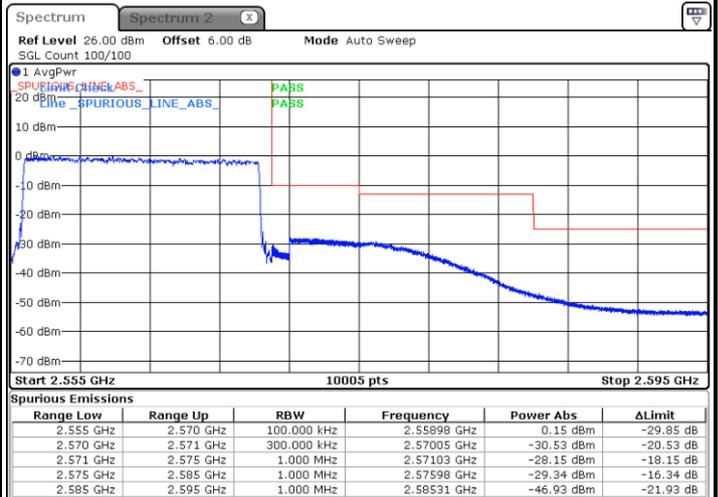
Date: 19.NOV.2024 09:35:18

Lowest Band Edge / Full RB



Date: 19.NOV.2024 09:24:18

Highest Band Edge / Full RB

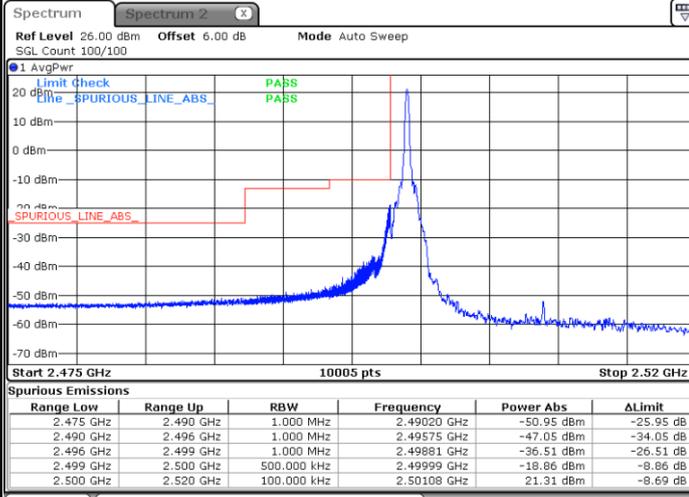


Date: 19.NOV.2024 09:39:22



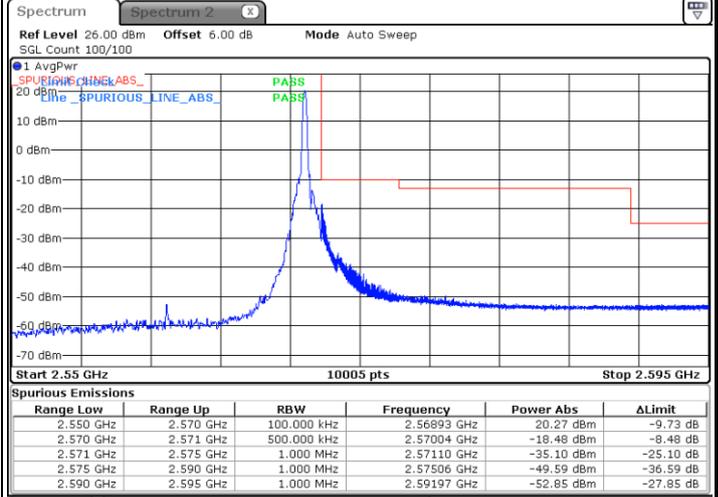
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



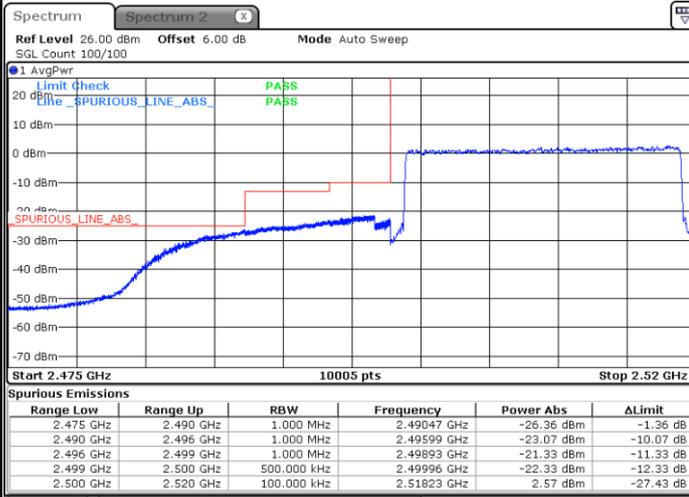
Date: 19.NOV.2024 09:44:28

Highest Band Edge / 1 RB



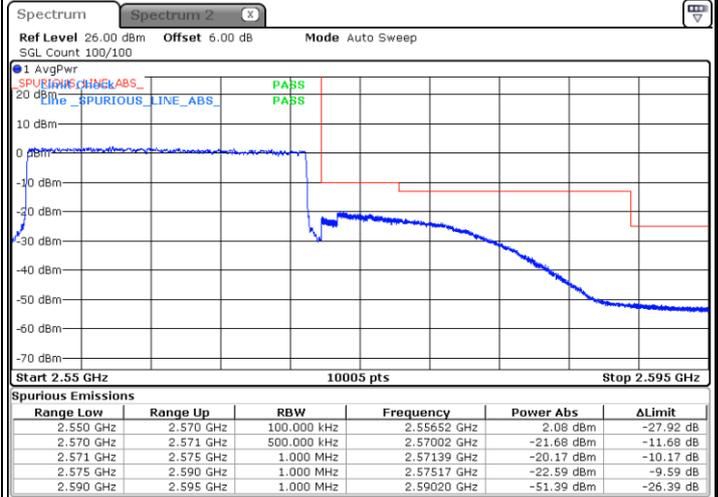
Date: 19.NOV.2024 09:51:23

Lowest Band Edge / Full RB



Date: 19.NOV.2024 09:40:24

Highest Band Edge / Full RB

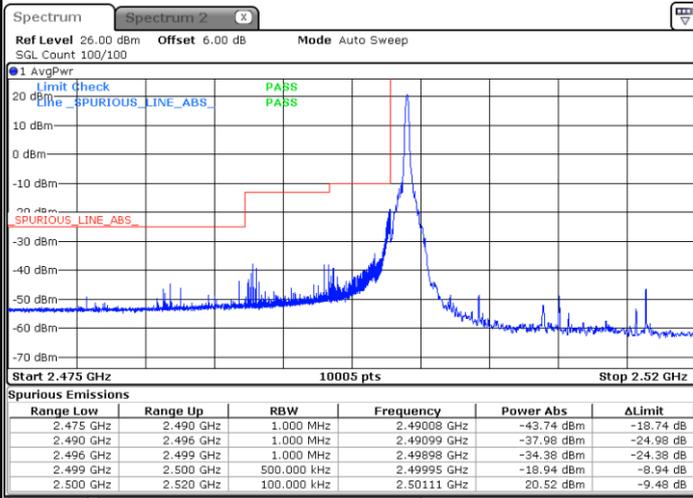


Date: 19.NOV.2024 09:55:26



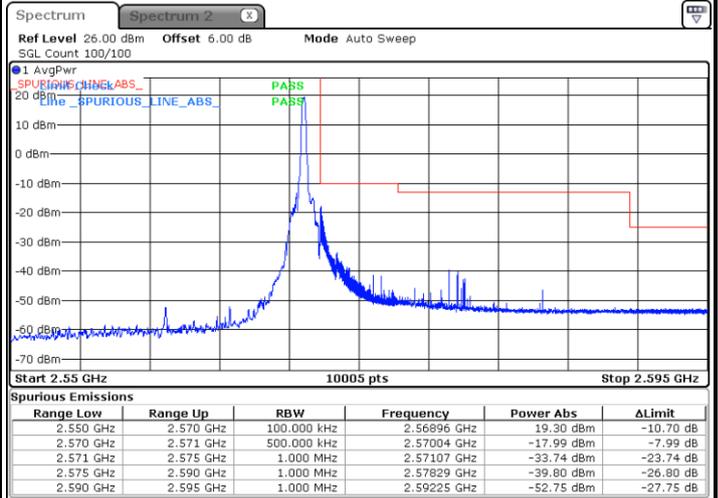
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



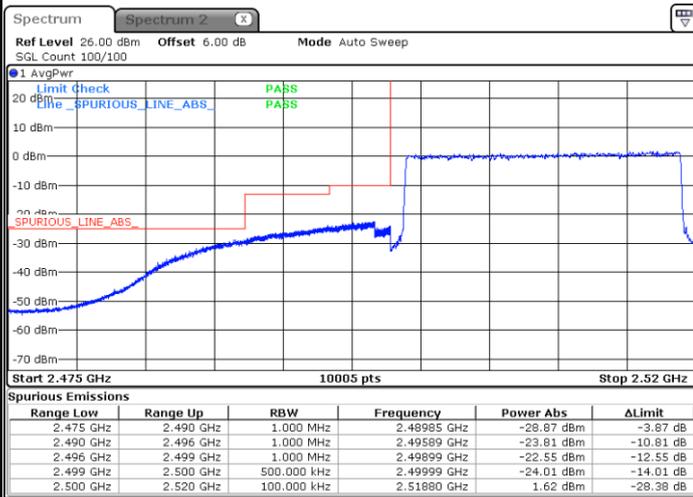
Date: 19.NOV.2024 09:45:29

Highest Band Edge / 1 RB



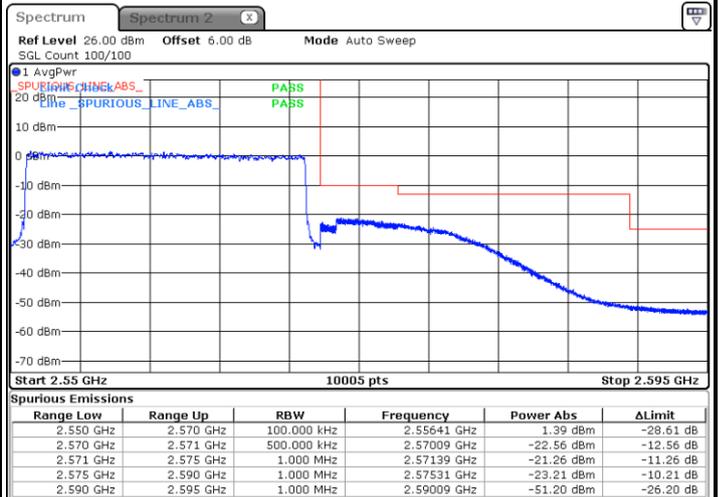
Date: 19.NOV.2024 09:52:23

Lowest Band Edge / Full RB



Date: 19.NOV.2024 09:41:26

Highest Band Edge / Full RB

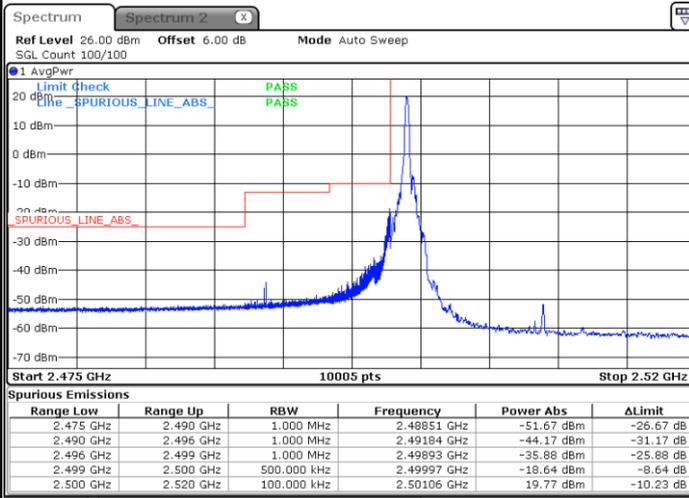


Date: 19.NOV.2024 09:56:27



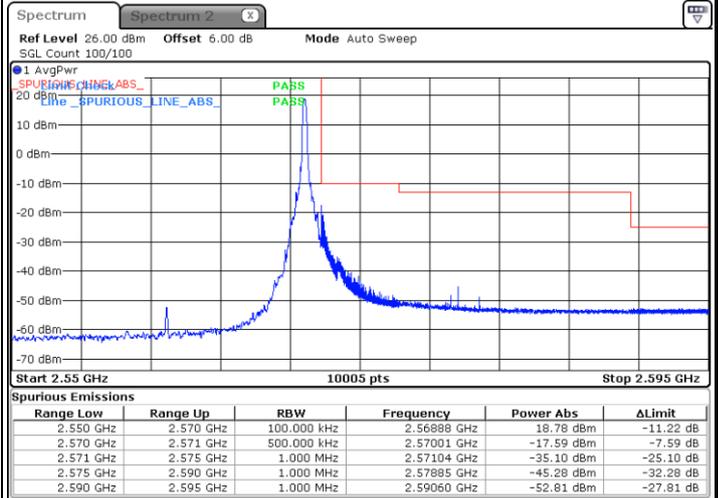
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



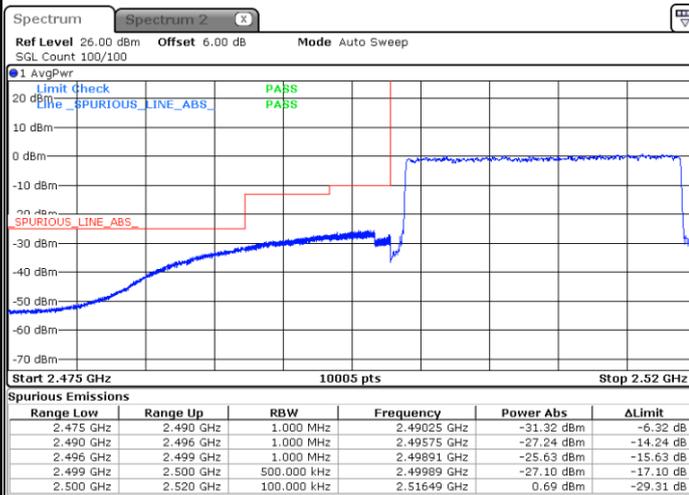
Date: 19.NOV.2024 09:46:30

Highest Band Edge / 1 RB



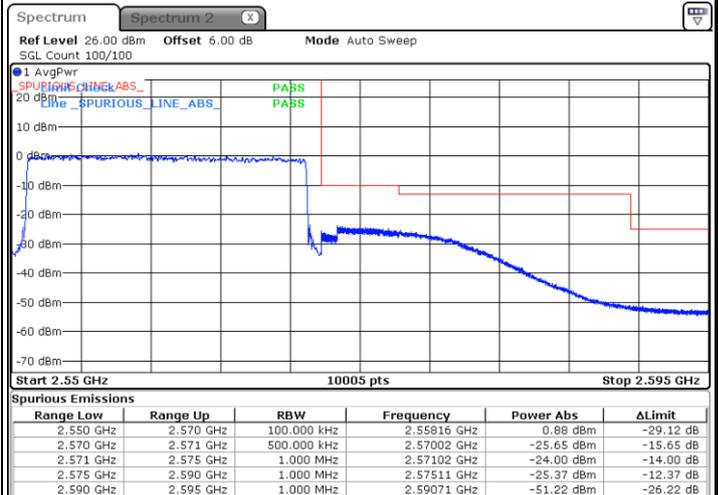
Date: 19.NOV.2024 09:53:24

Lowest Band Edge / Full RB



Date: 19.NOV.2024 09:42:27

Highest Band Edge / Full RB



Date: 19.NOV.2024 09:57:29