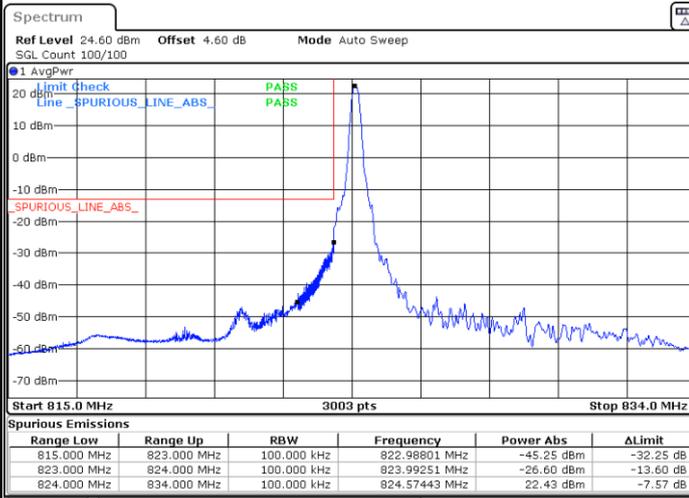




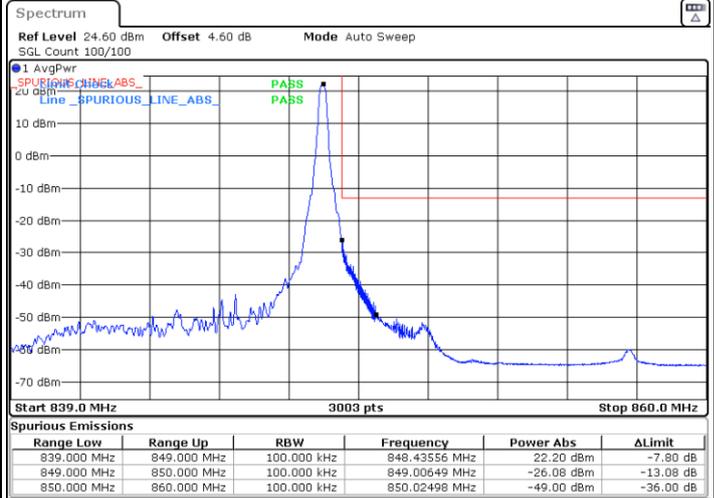
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



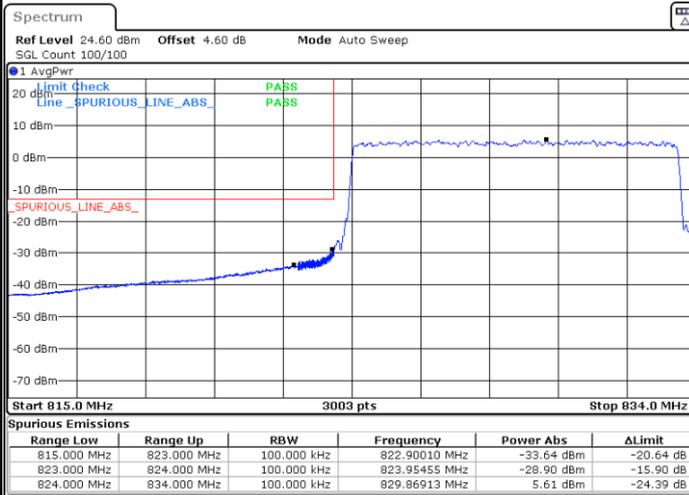
Date: 2.NOV.2022 15:32:41

Highest Band Edge / 1 RB



Date: 2.NOV.2022 15:46:25

Lowest Band Edge / Full RB



Date: 2.NOV.2022 15:38:13

Highest Band Edge / Full RB

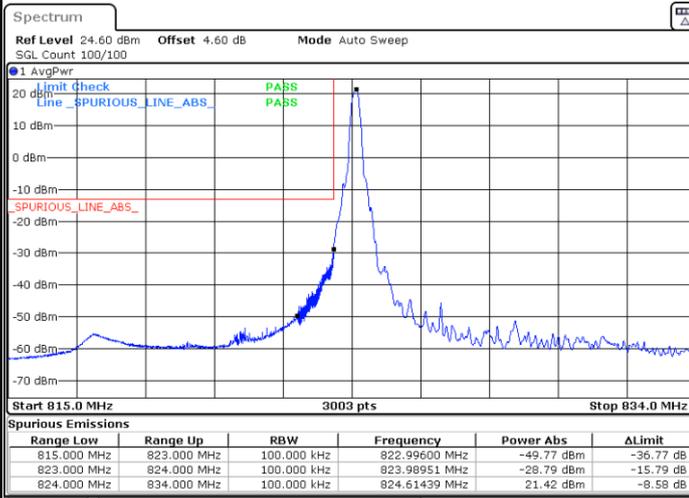


Date: 2.NOV.2022 15:51:56



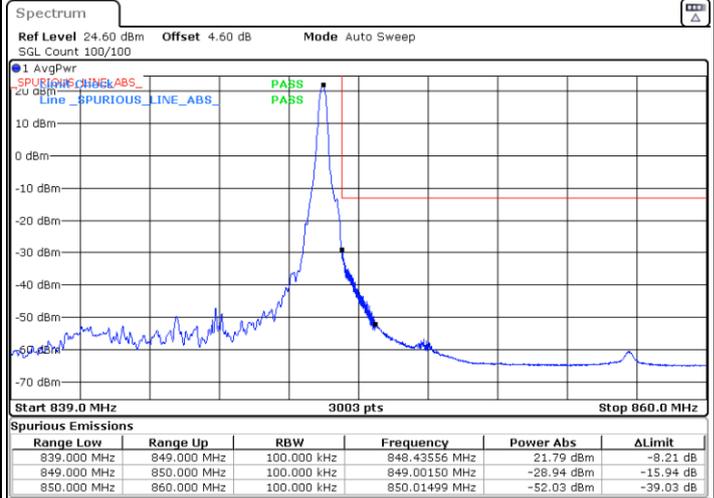
LTE Band 5 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



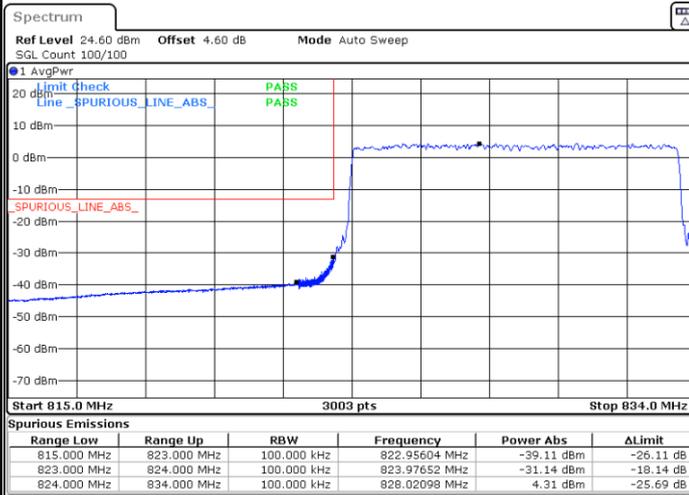
Date: 2.NOV.2022 15:34:32

Highest Band Edge / 1 RB



Date: 2.NOV.2022 15:48:15

Lowest Band Edge / Full RB



Date: 2.NOV.2022 15:40:04

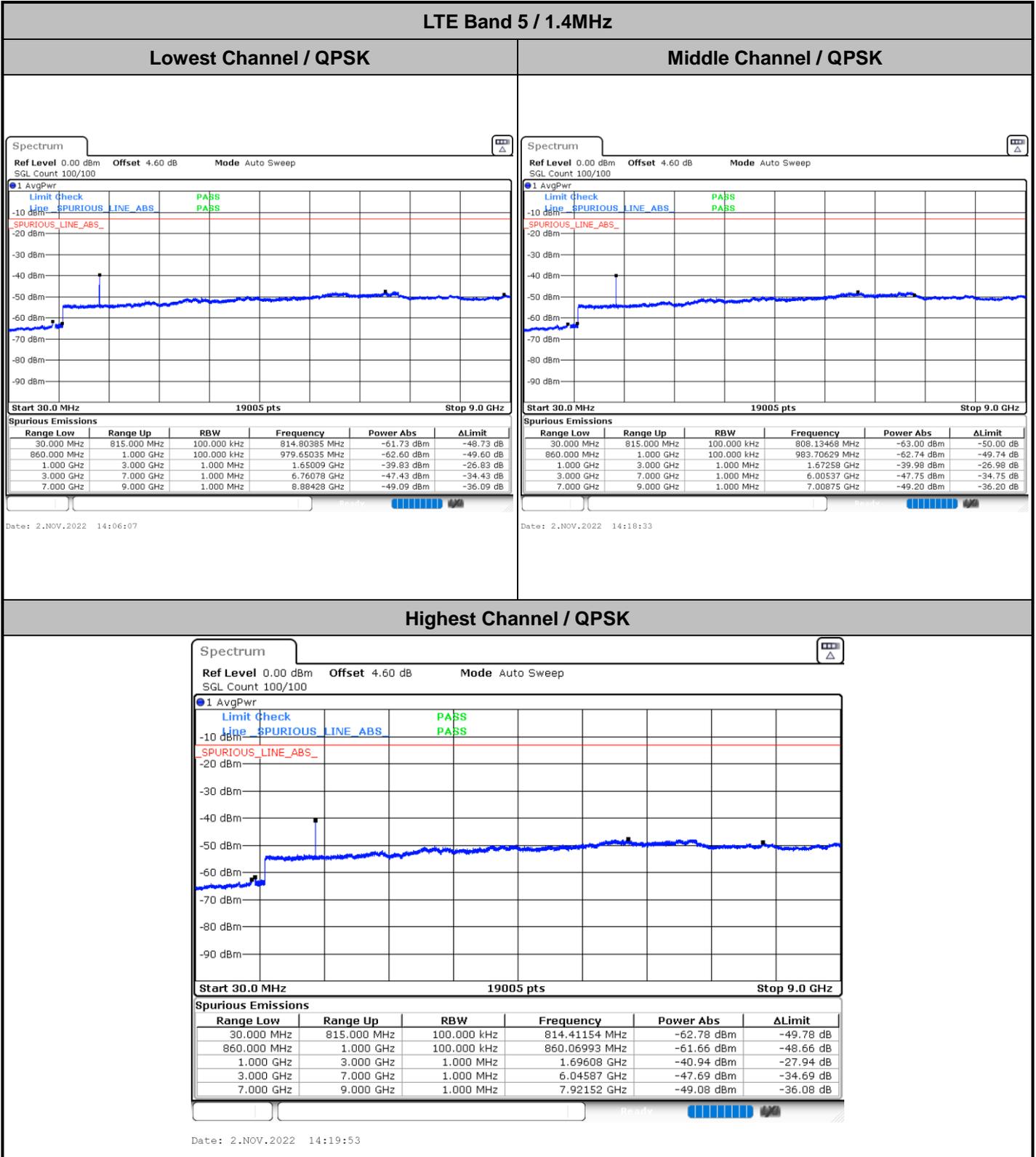
Highest Band Edge / Full RB



Date: 2.NOV.2022 15:53:47



Conducted Spurious Emission

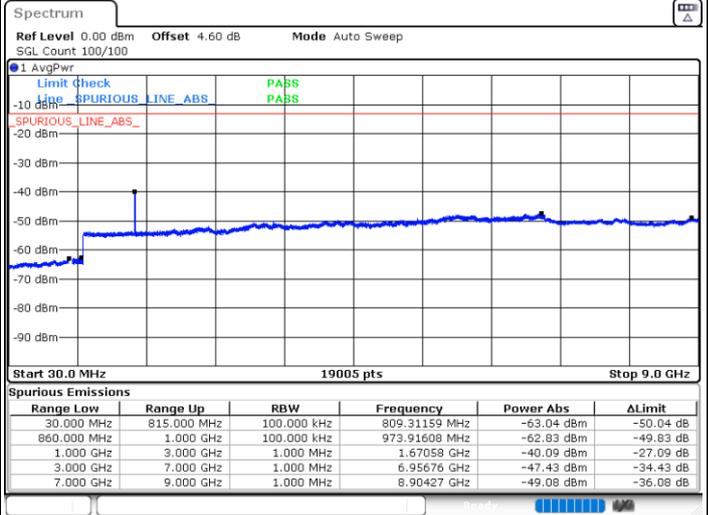
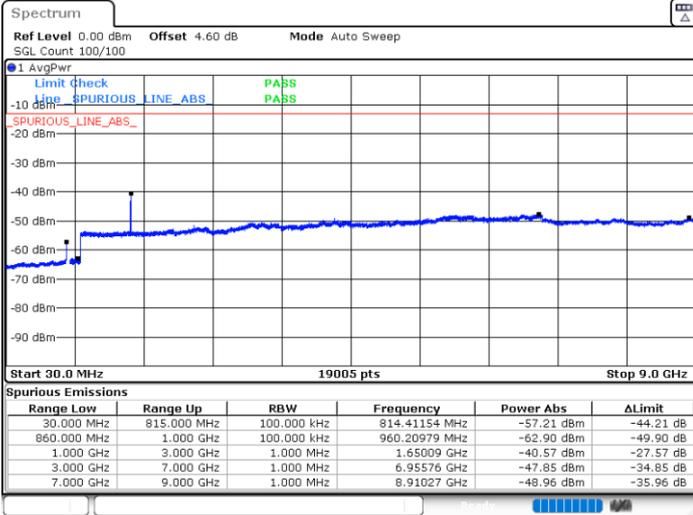




LTE Band 5 / 3MHz

Lowest Channel / QPSK

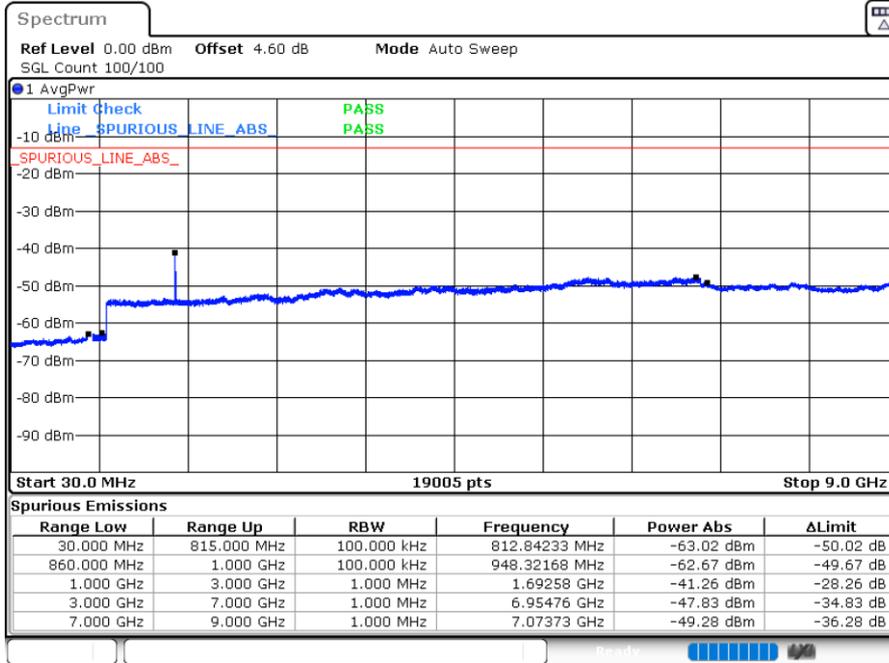
Middle Channel / QPSK



Date: 2.NOV.2022 14:32:17

Date: 2.NOV.2022 14:47:28

Highest Channel / QPSK



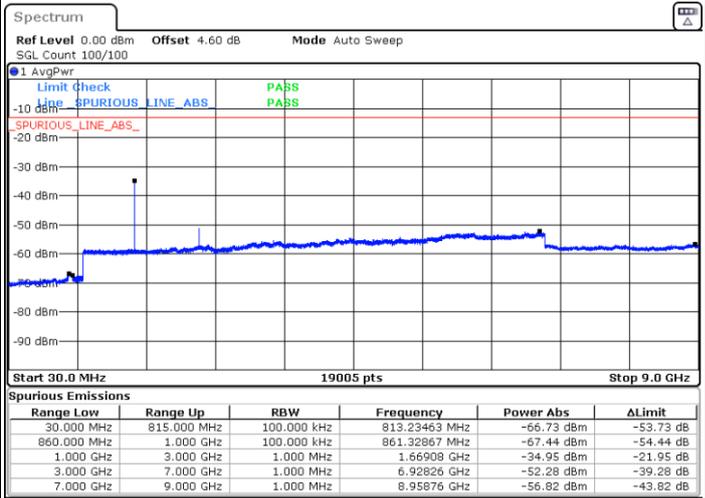
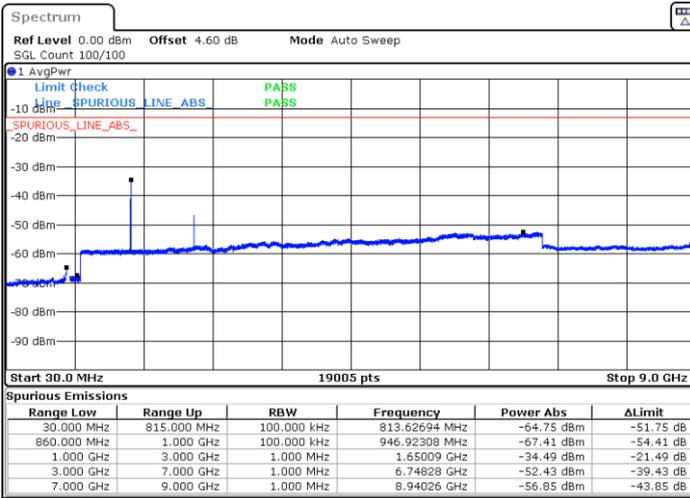
Date: 2.NOV.2022 14:48:48



LTE Band 5 / 5MHz

Lowest Channel / QPSK

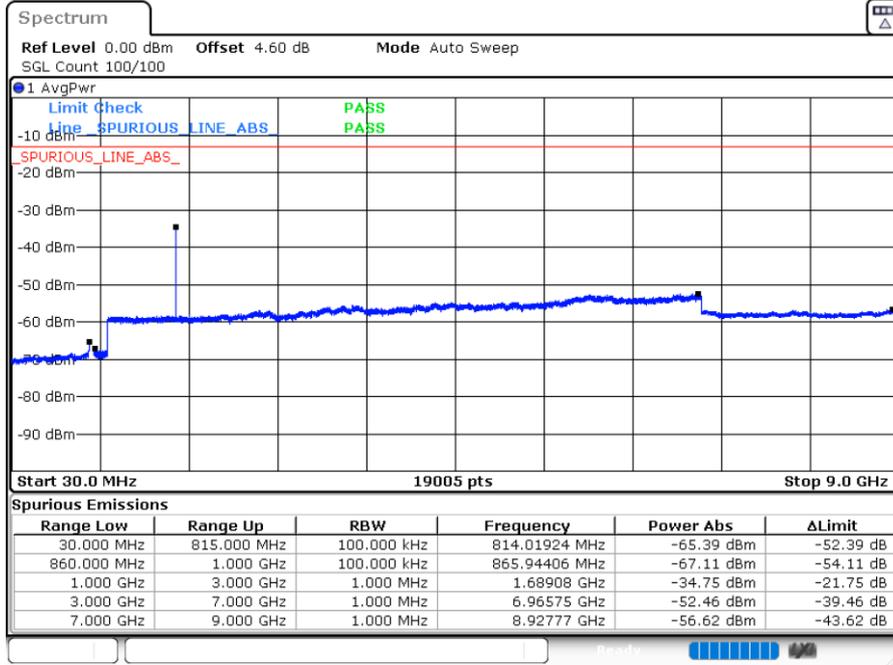
Middle Channel / QPSK



Date: 2.NOV.2022 15:01:13

Date: 2.NOV.2022 15:14:29

Highest Channel / QPSK



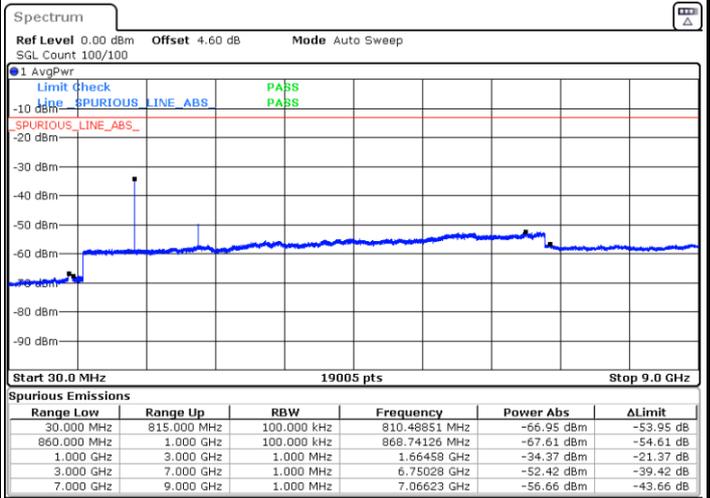
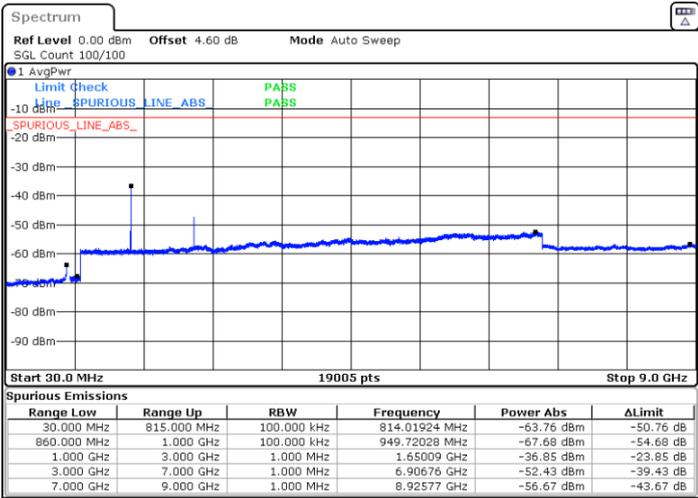
Date: 2.NOV.2022 15:15:49



LTE Band 5 / 10MHz

Lowest Channel / QPSK

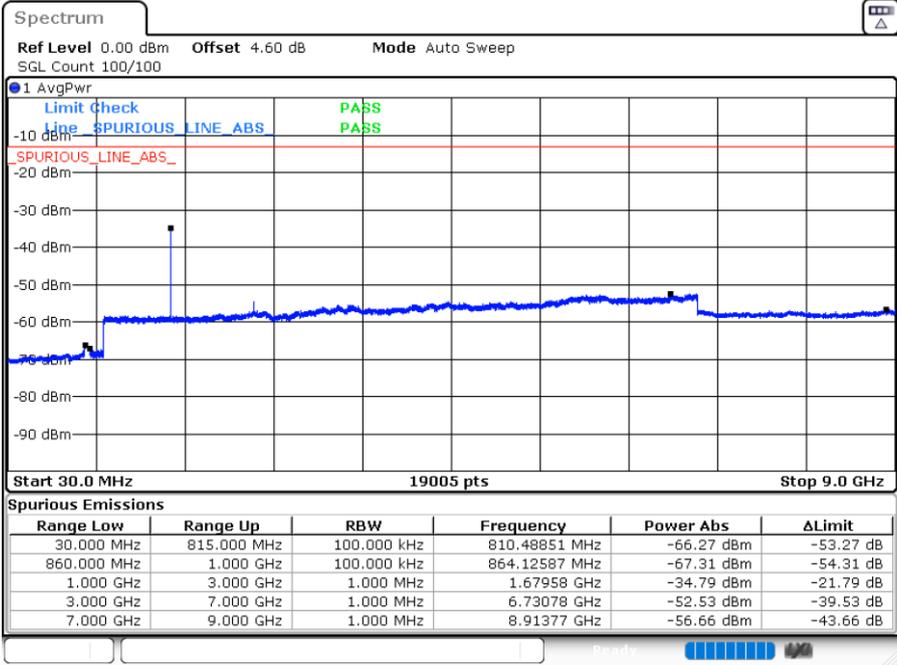
Middle Channel / QPSK



Date: 2.NOV.2022 15:28:13

Date: 2.NOV.2022 15:41:24

Highest Channel / QPSK



Date: 2.NOV.2022 15:42:44



Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0018	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0023	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0026	
20	Battery End Point	0.0032	

Note:

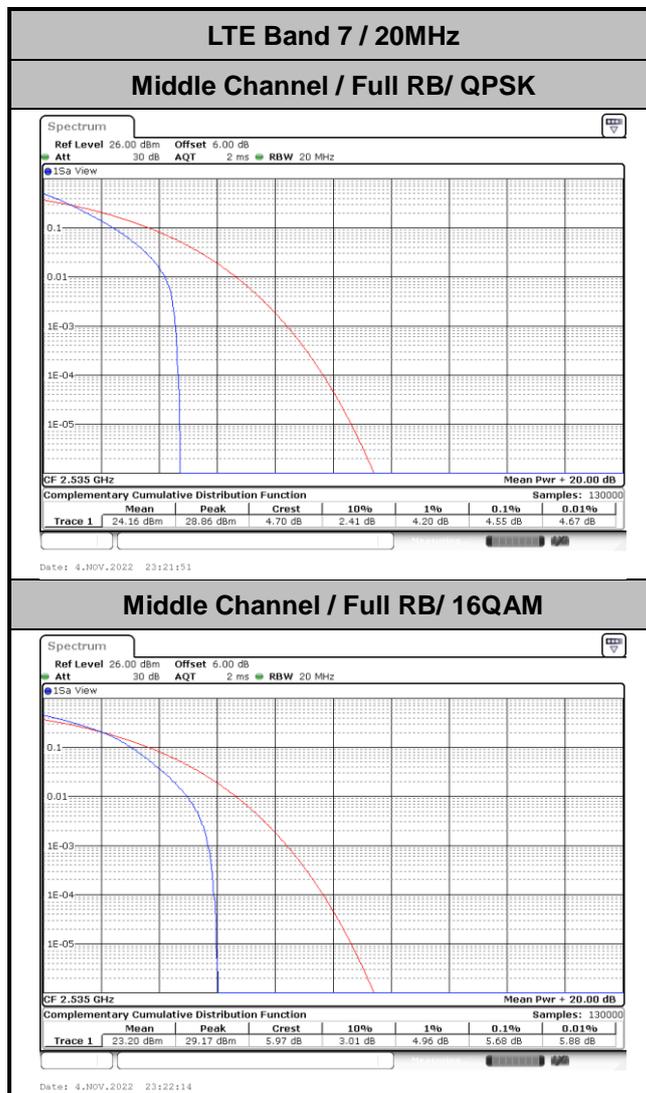
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.25 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

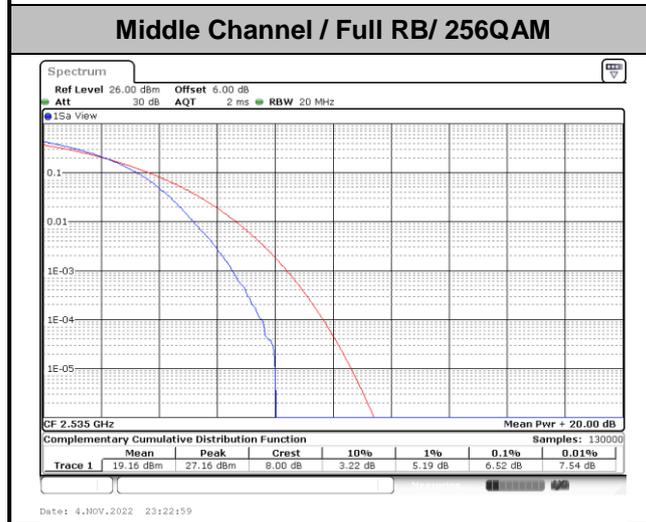
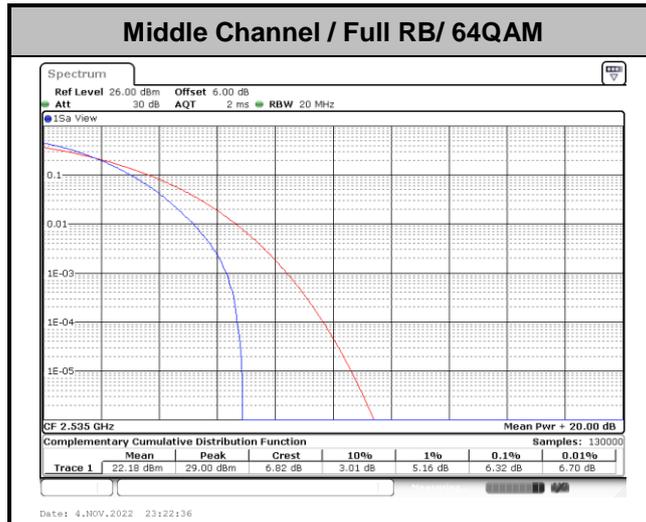


LTE Band 7(Main PA)

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	4.55	5.68	6.32	6.52	PASS

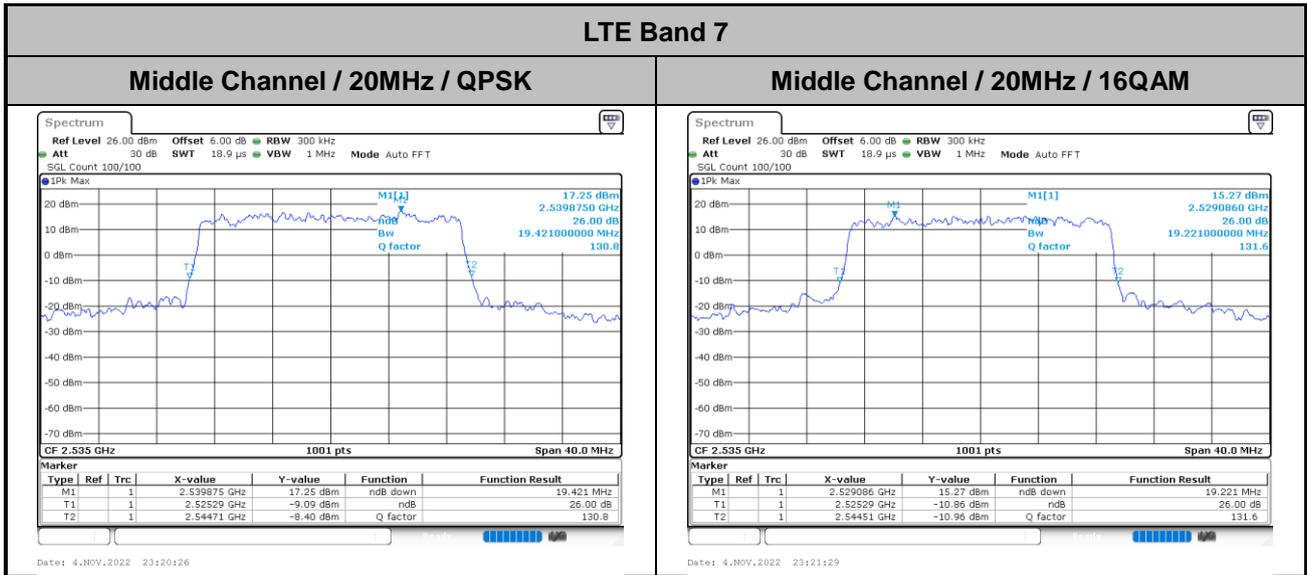






26dB Bandwidth

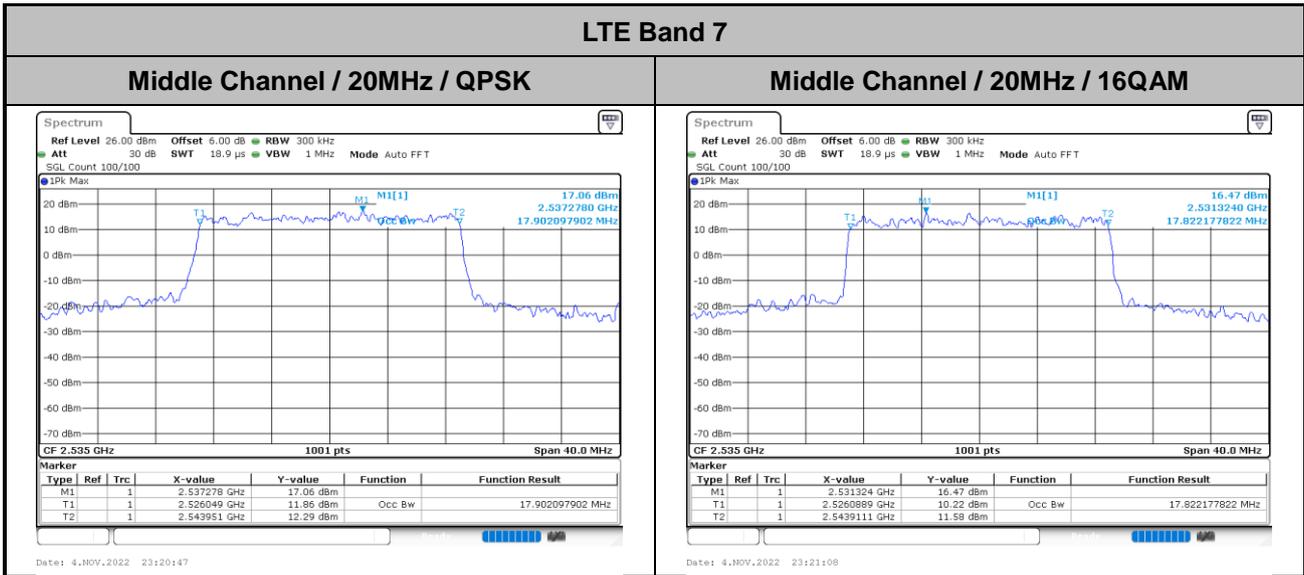
Mode	LTE Band 7 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.42	19.22





Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.82

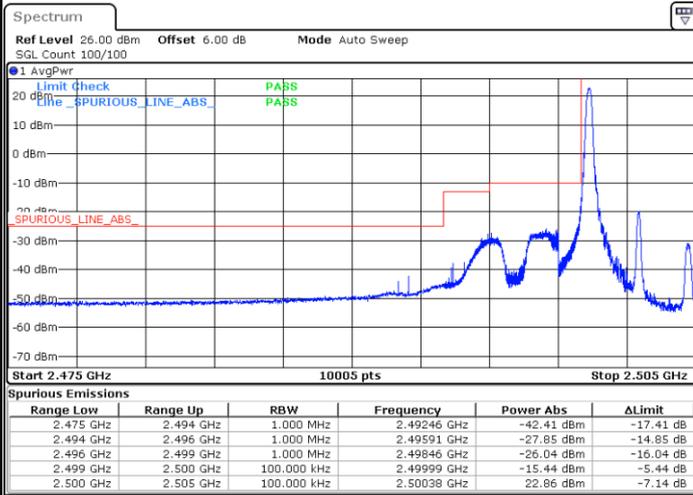




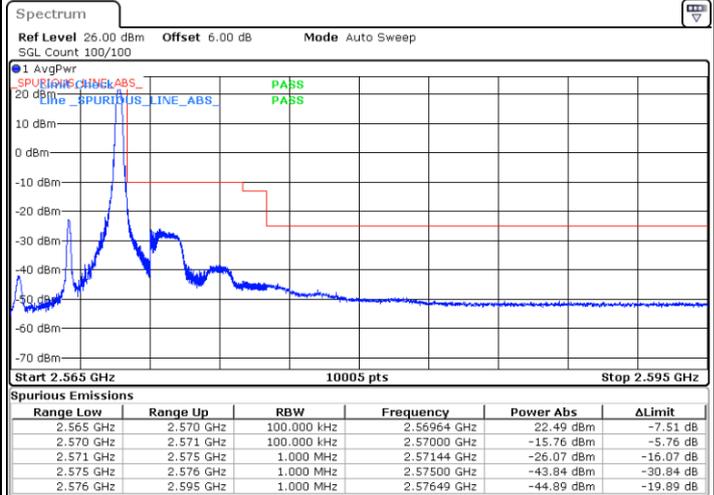
Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

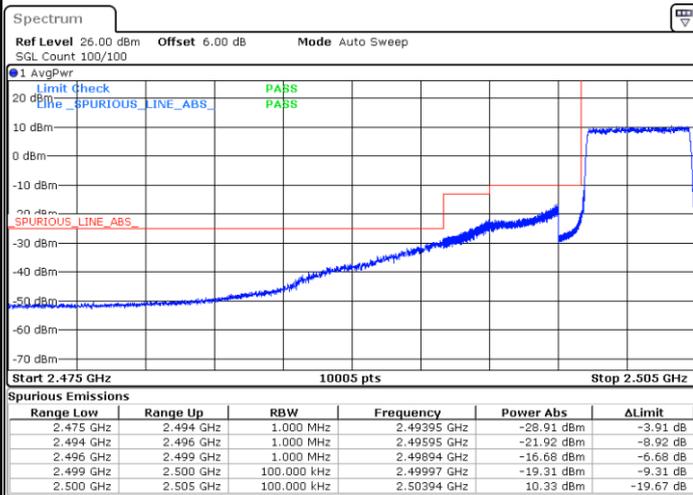
Lowest Band Edge / 1 RB



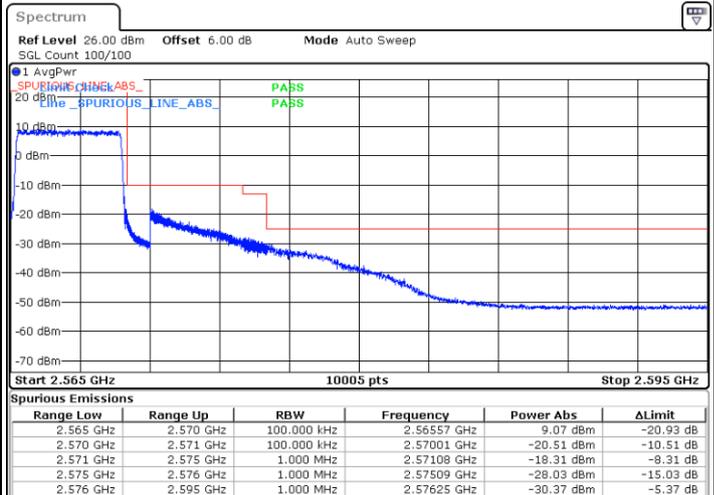
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



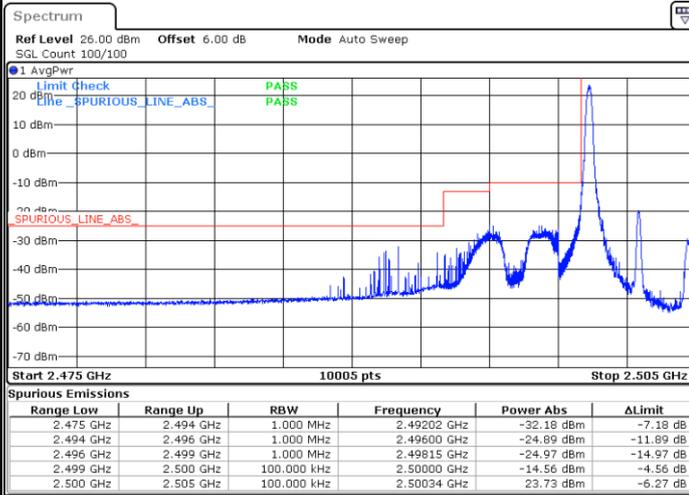
Highest Band Edge / Full RB





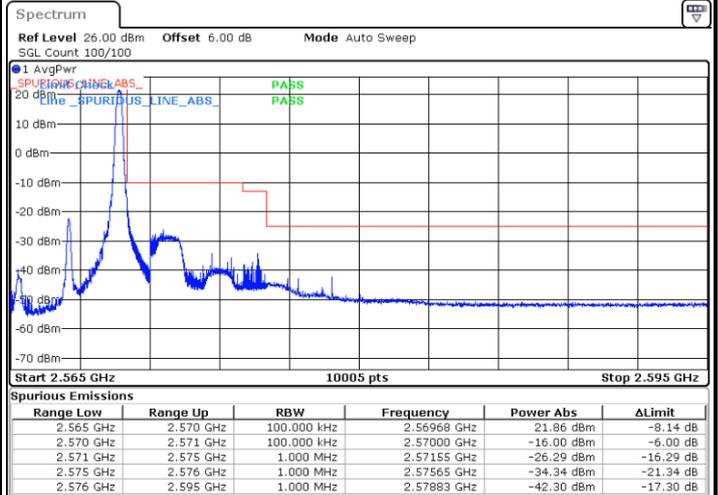
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



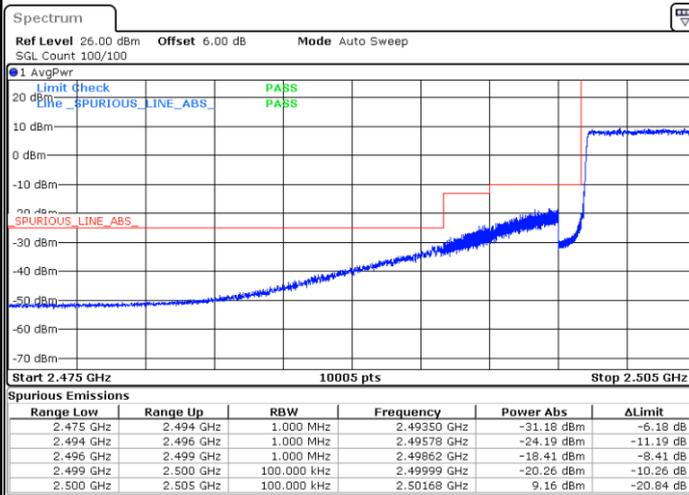
Date: 4.NOV.2022 21:48:09

Highest Band Edge / 1 RB



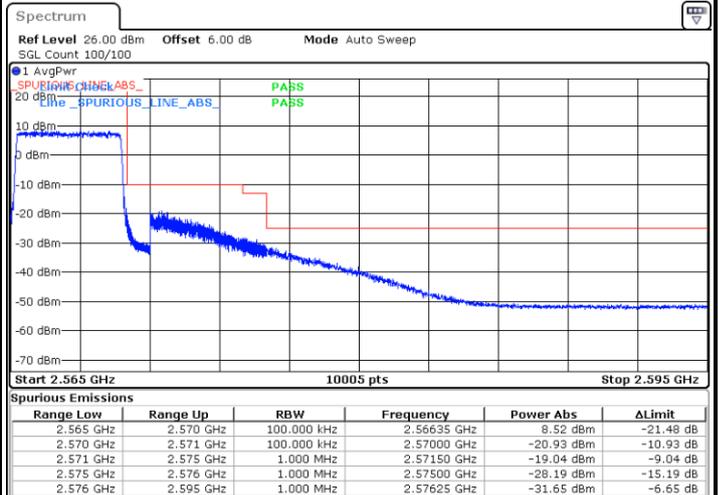
Date: 4.NOV.2022 21:58:52

Lowest Band Edge / Full RB



Date: 4.NOV.2022 21:53:12

Highest Band Edge / Full RB

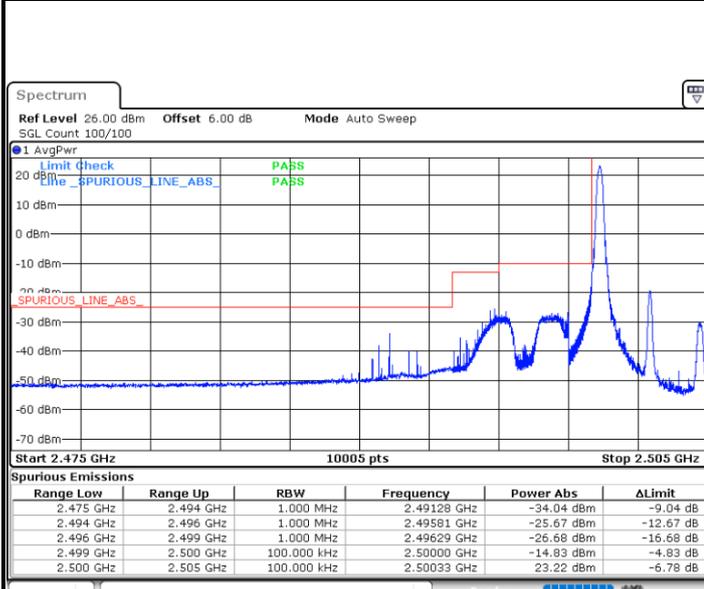


Date: 4.NOV.2022 22:03:58



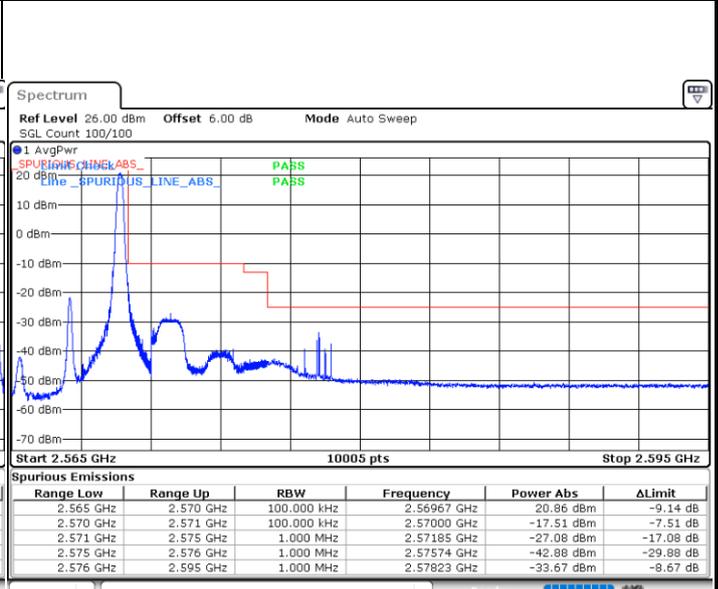
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



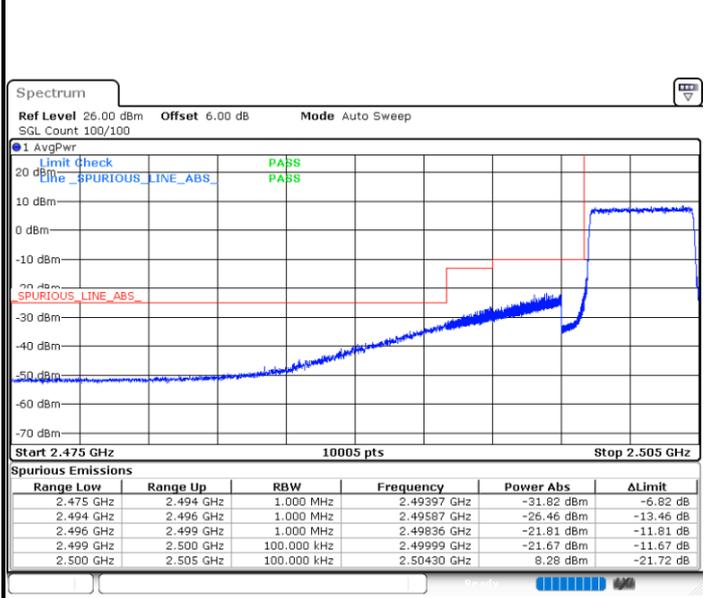
Date: 4.NOV.2022 21:49:09

Highest Band Edge / 1 RB



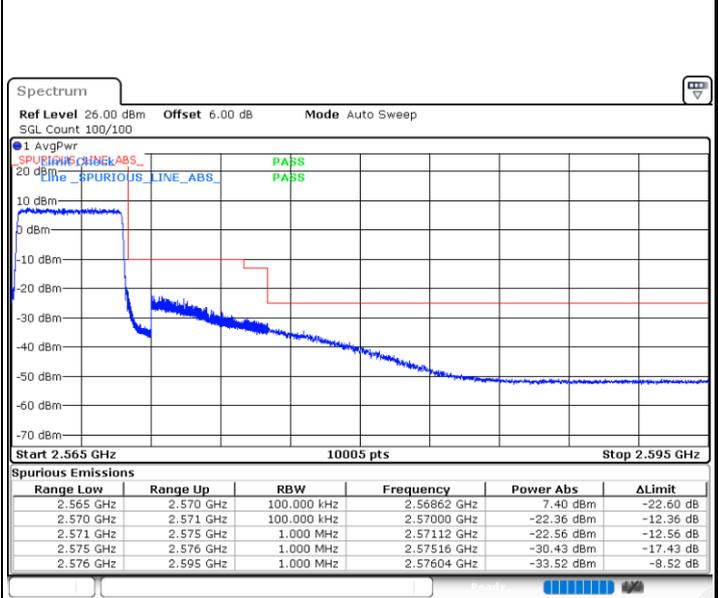
Date: 4.NOV.2022 21:59:52

Lowest Band Edge / Full RB



Date: 4.NOV.2022 21:52:11

Highest Band Edge / Full RB

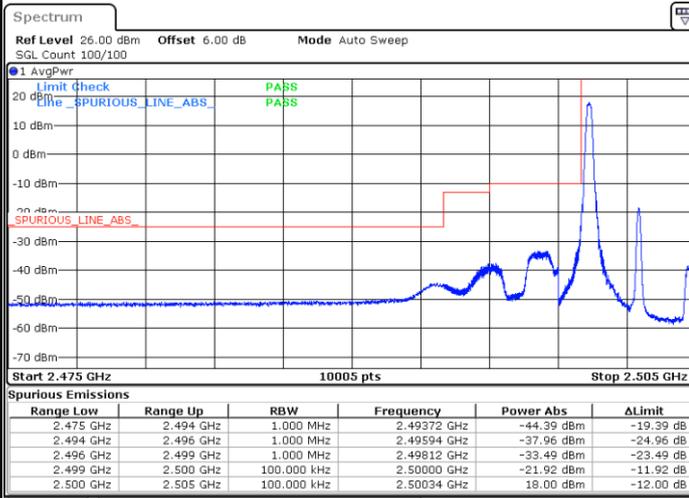


Date: 4.NOV.2022 22:02:57



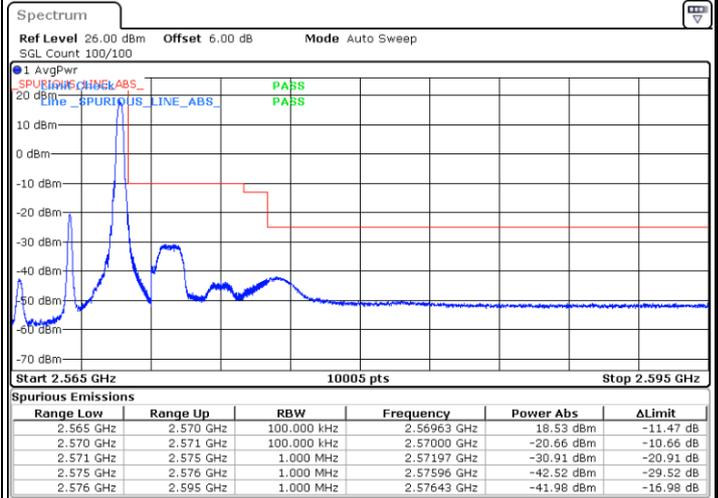
LTE Band 7 / 5MHz / 256QAM

Lowest Band Edge / 1RB



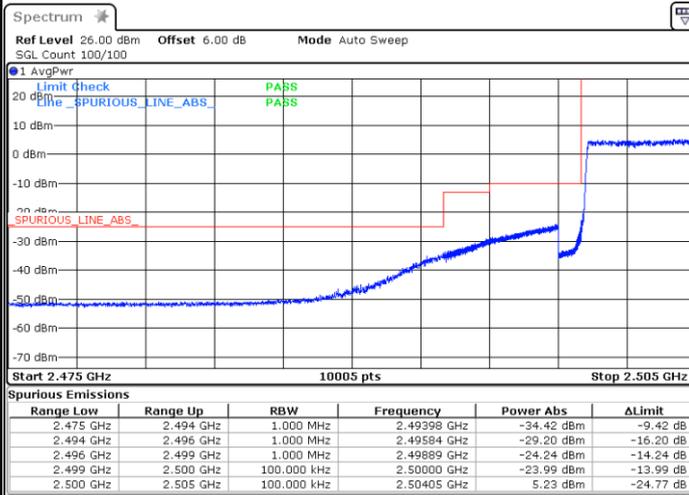
Date: 4.NOV.2022 21:50:10

Highest Band Edge / 1 RB



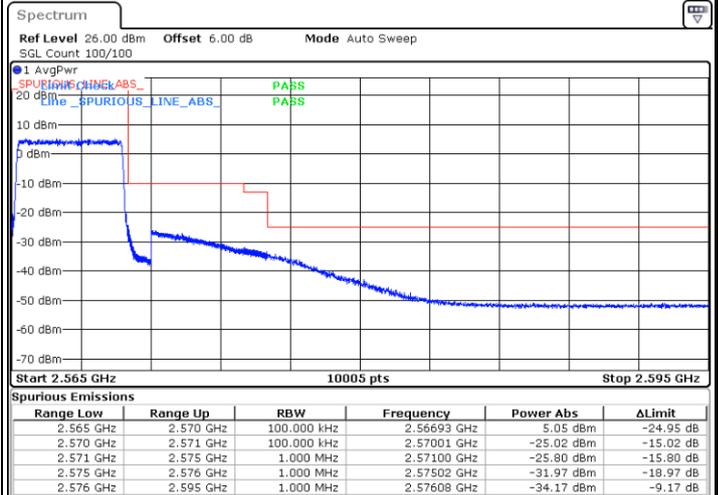
Date: 4.NOV.2022 22:00:53

Lowest Band Edge / Full RB



Date: 4.NOV.2022 21:51:10

Highest Band Edge / Full RB

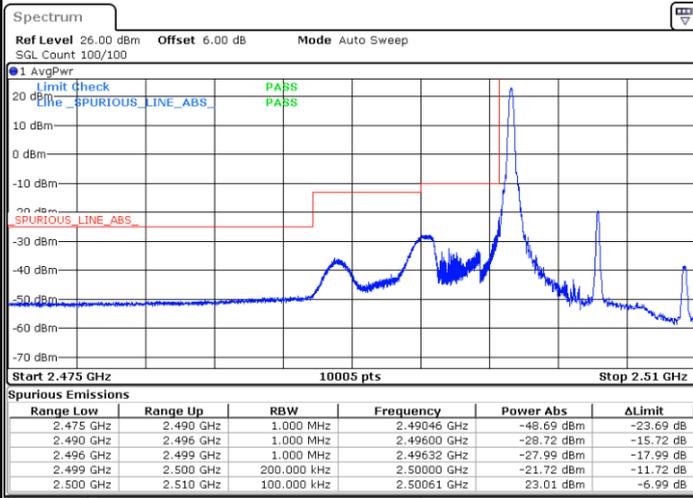


Date: 4.NOV.2022 22:01:57



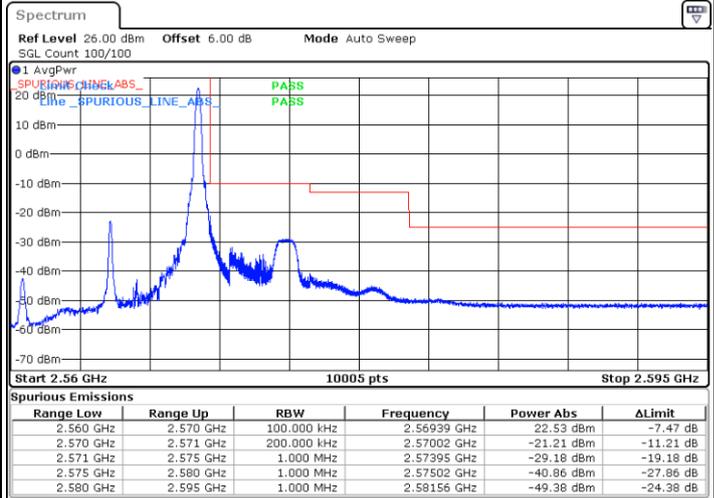
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



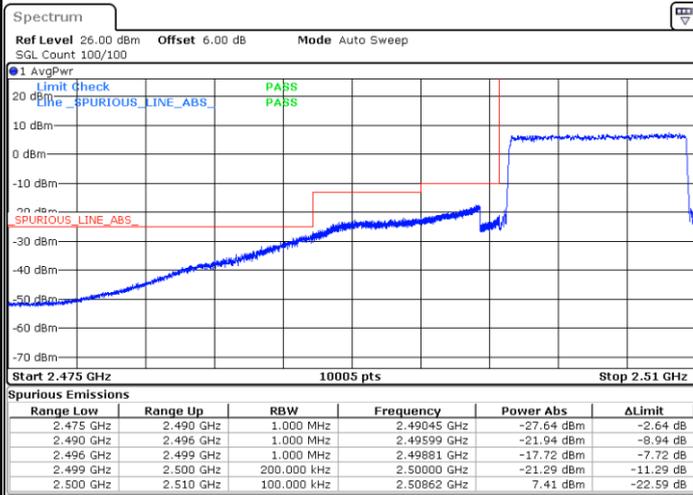
Date: 4.NOV.2022 22:07:18

Highest Band Edge / 1 RB



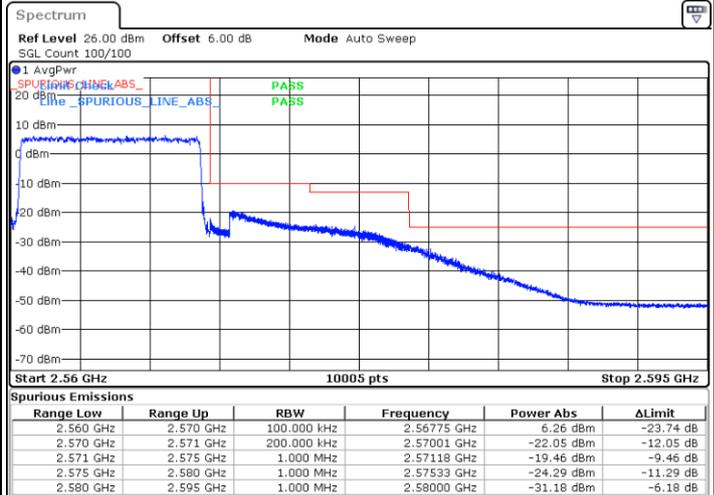
Date: 4.NOV.2022 22:19:36

Lowest Band Edge / Full RB



Date: 4.NOV.2022 22:15:57

Highest Band Edge / Full RB

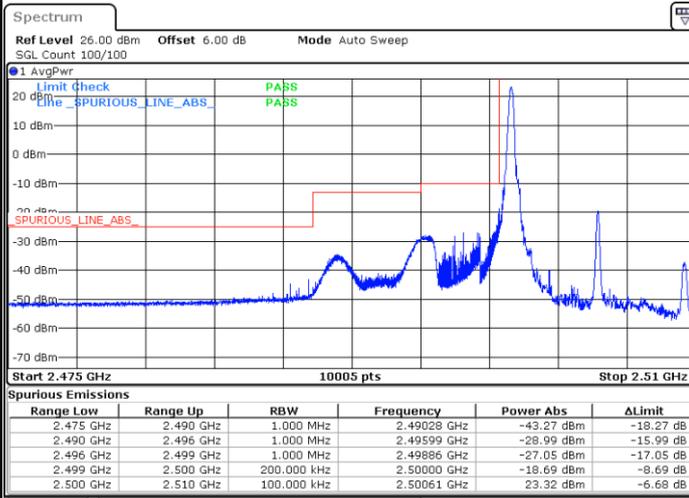


Date: 4.NOV.2022 22:33:17



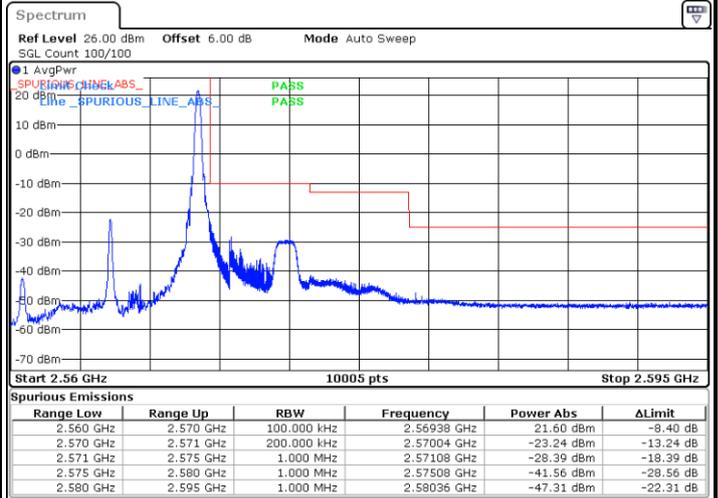
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



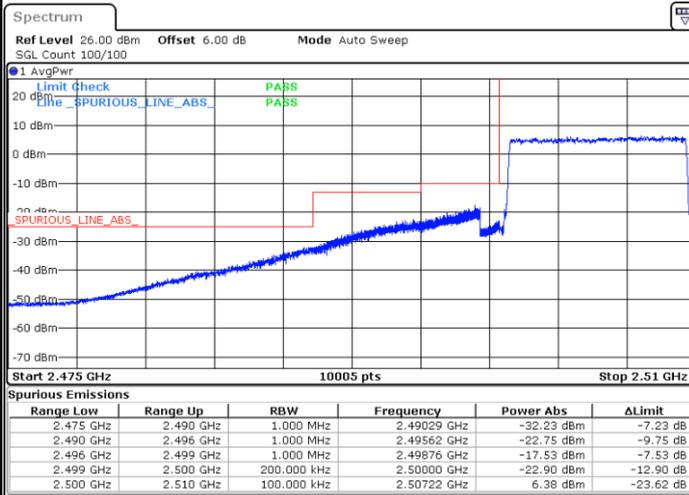
Date: 4.NOV.2022 22:08:19

Highest Band Edge / 1 RB



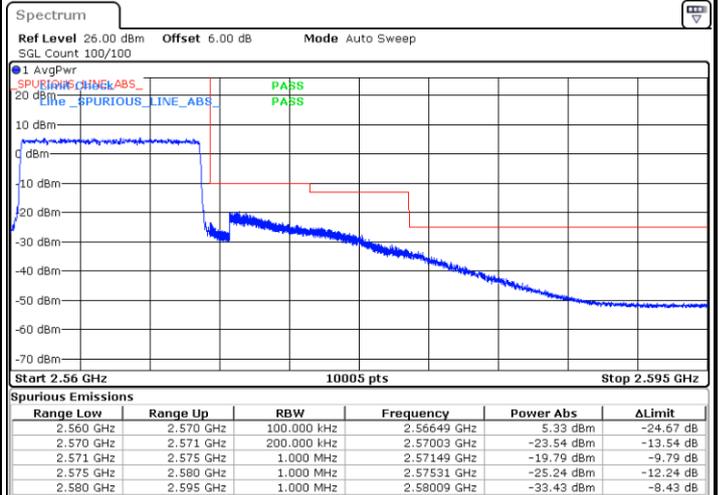
Date: 4.NOV.2022 22:20:37

Lowest Band Edge / Full RB



Date: 4.NOV.2022 22:14:57

Highest Band Edge / Full RB

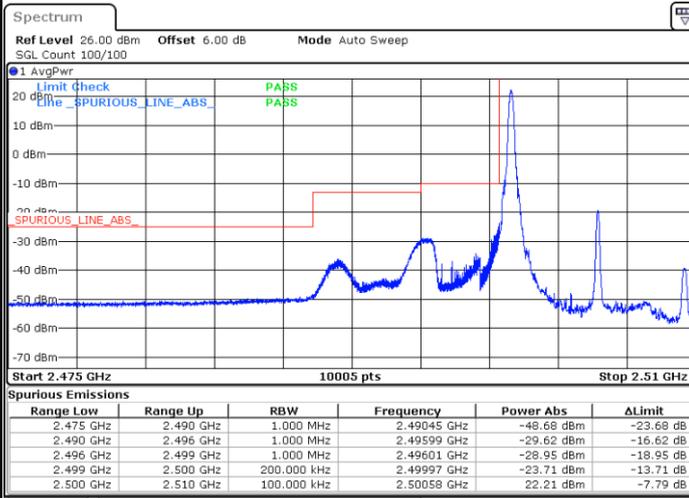


Date: 4.NOV.2022 22:32:17



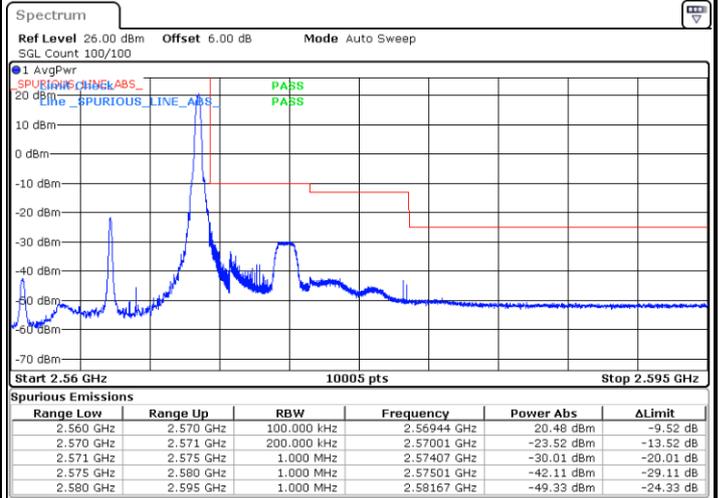
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



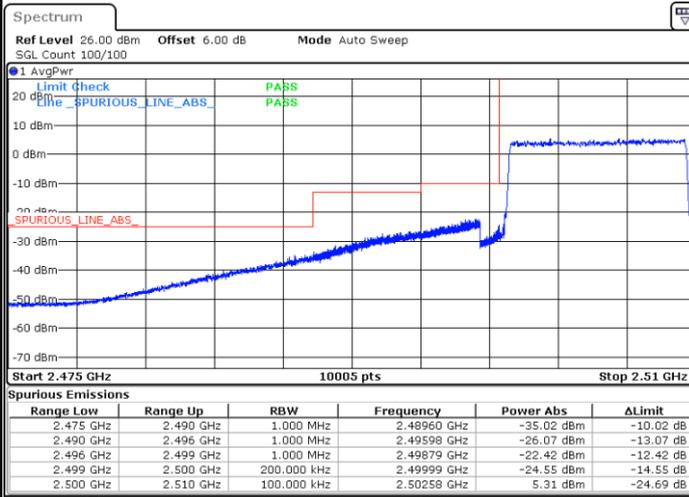
Date: 4.NOV.2022 22:09:19

Highest Band Edge / 1 RB



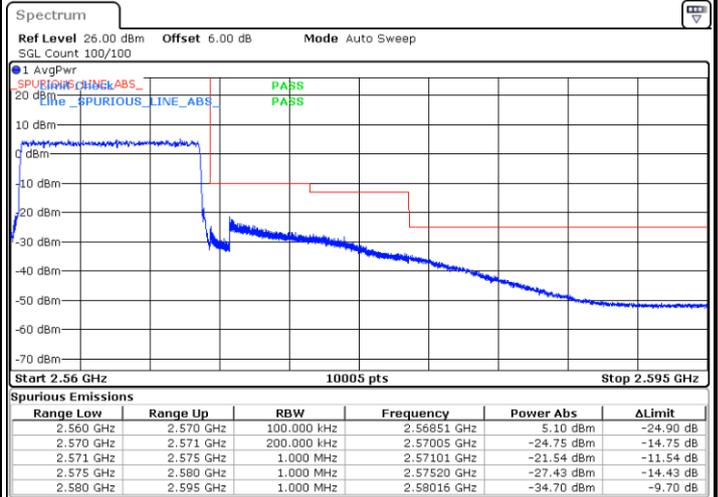
Date: 4.NOV.2022 22:21:37

Lowest Band Edge / Full RB



Date: 4.NOV.2022 22:13:57

Highest Band Edge / Full RB

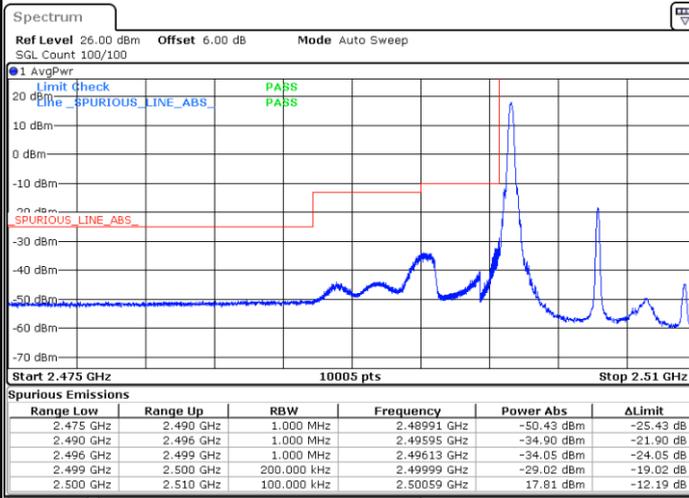


Date: 4.NOV.2022 22:31:16



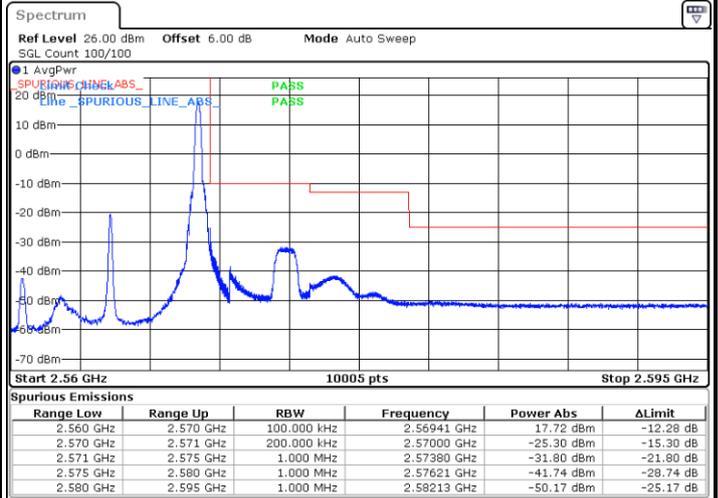
LTE Band 7 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



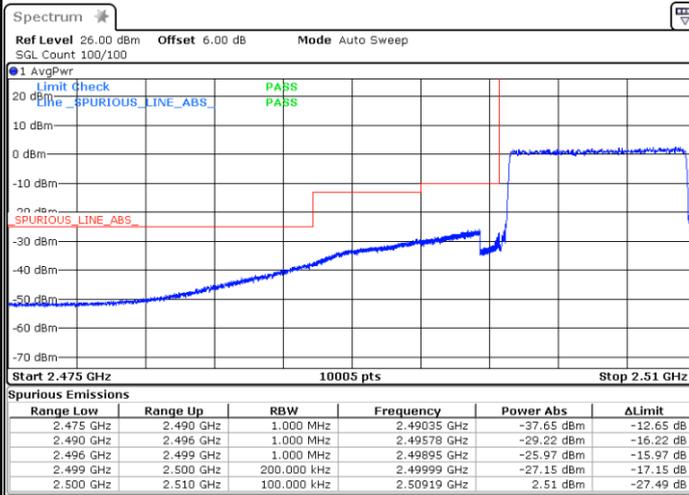
Date: 4.NOV.2022 22:10:19

Highest Band Edge / 1 RB



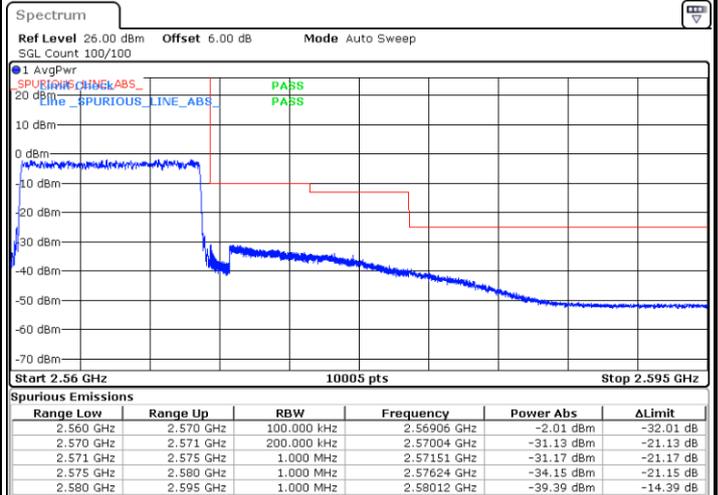
Date: 4.NOV.2022 22:22:38

Lowest Band Edge / Full RB



Date: 4.NOV.2022 22:12:54

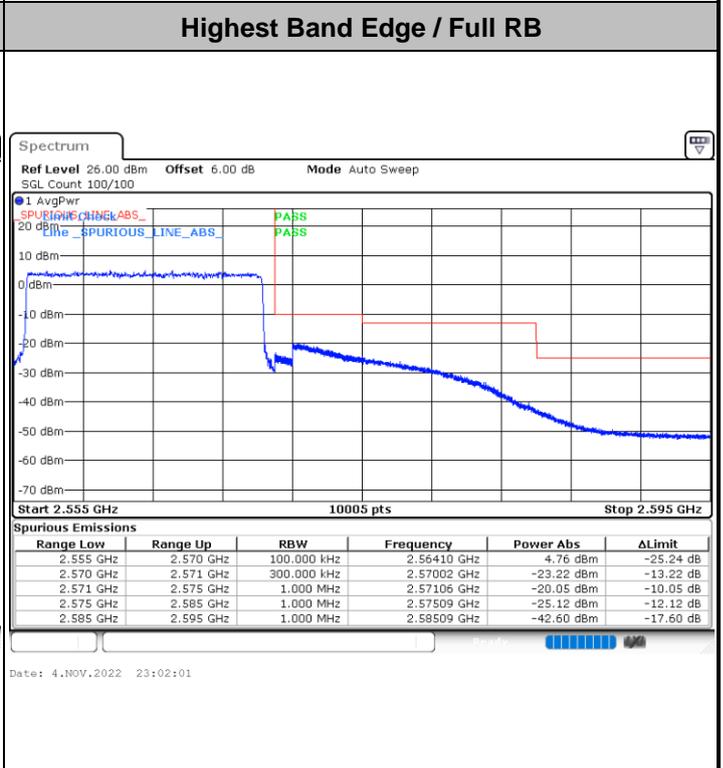
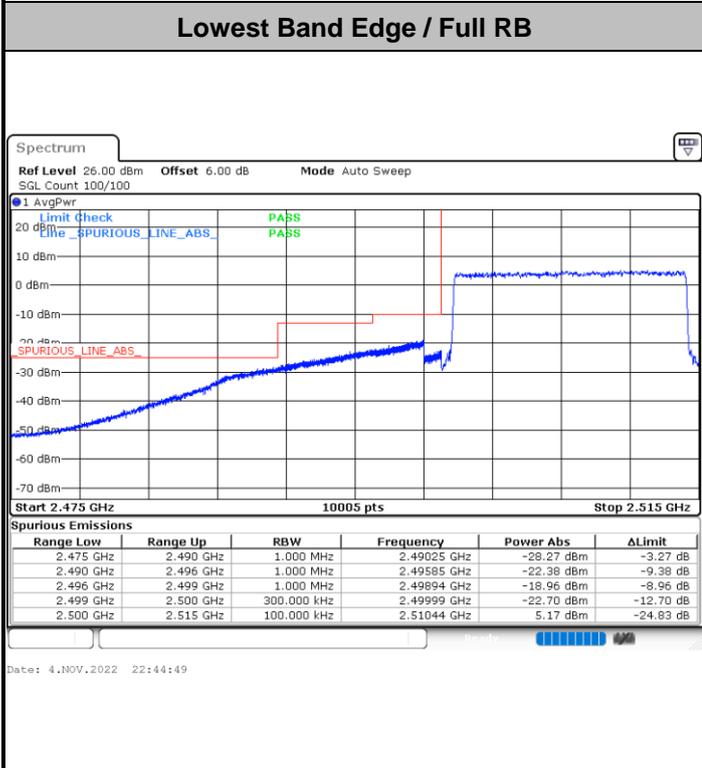
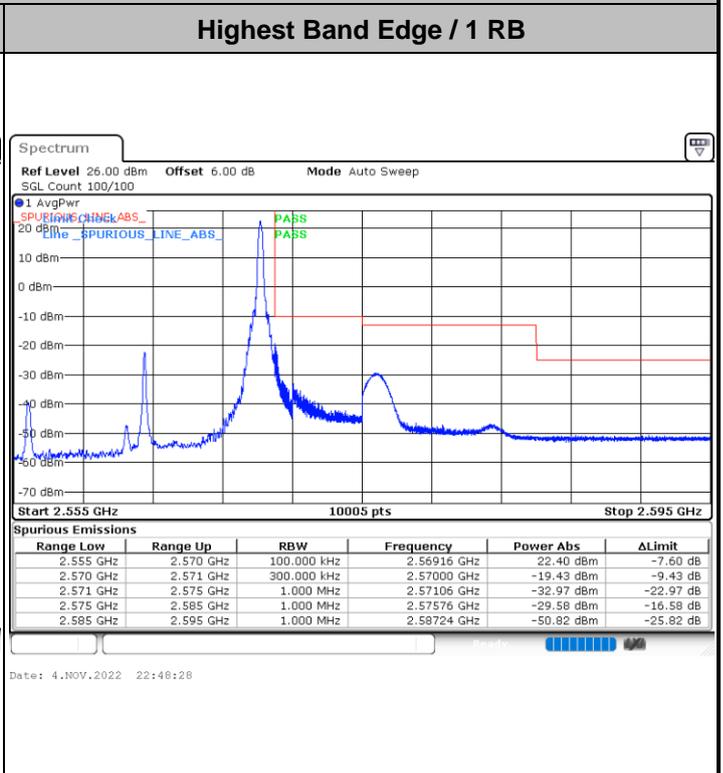
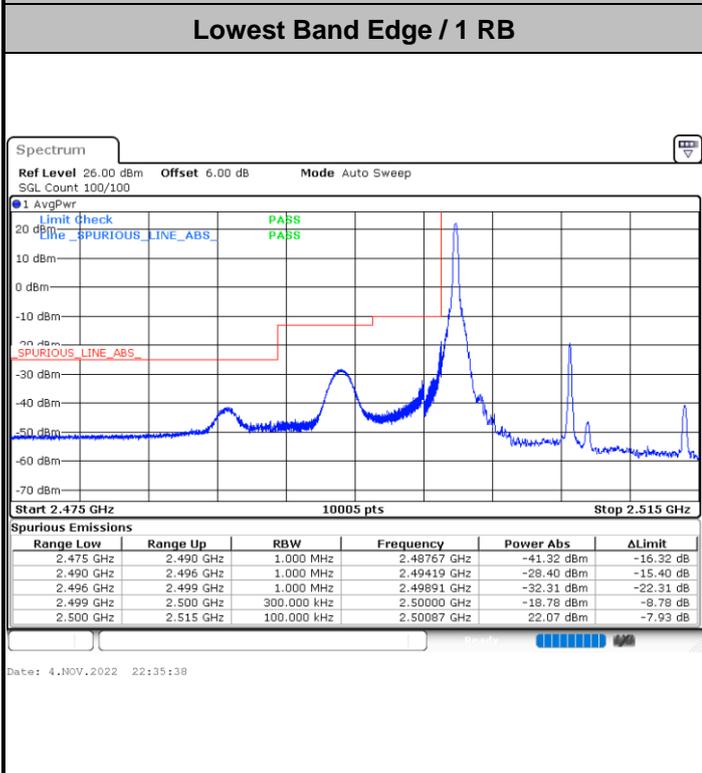
Highest Band Edge / Full RB



Date: 4.NOV.2022 22:30:16



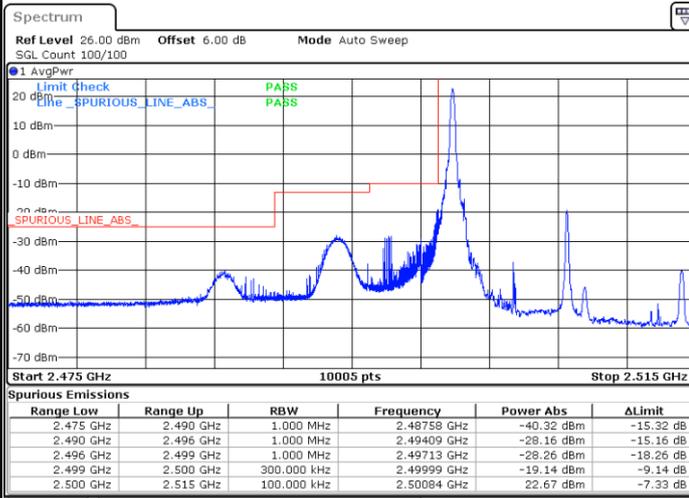
LTE Band 7 / 15MHz / QPSK





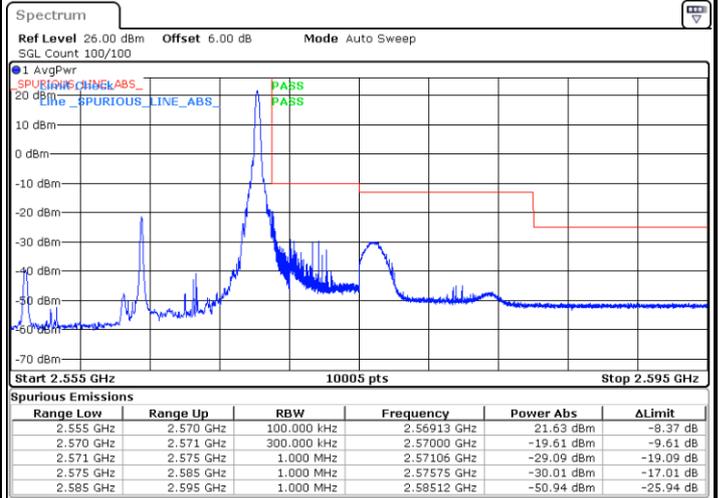
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



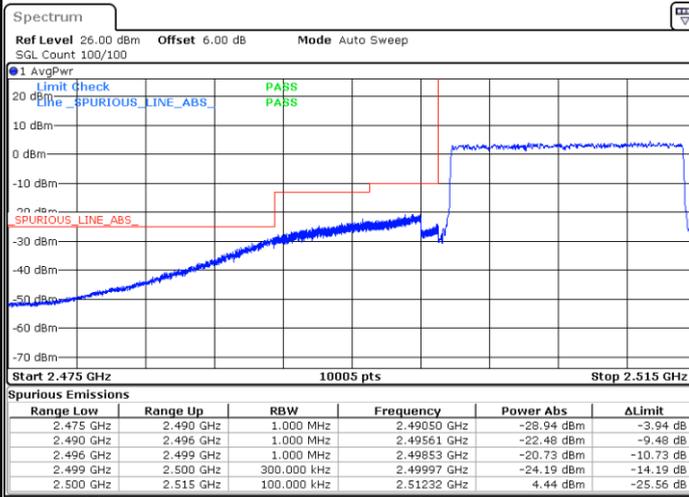
Date: 4.NOV.2022 22:36:38

Highest Band Edge / 1 RB



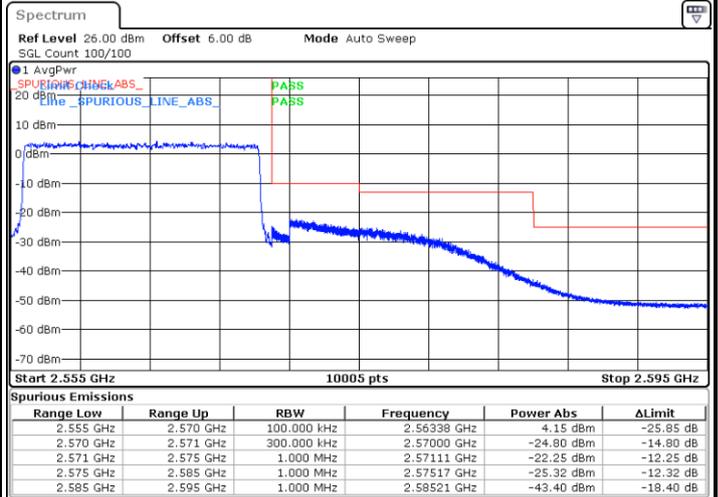
Date: 4.NOV.2022 22:49:29

Lowest Band Edge / Full RB



Date: 4.NOV.2022 22:43:49

Highest Band Edge / Full RB

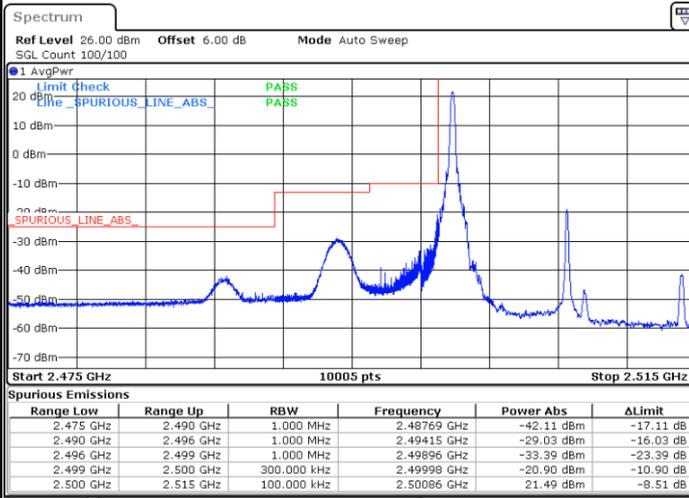


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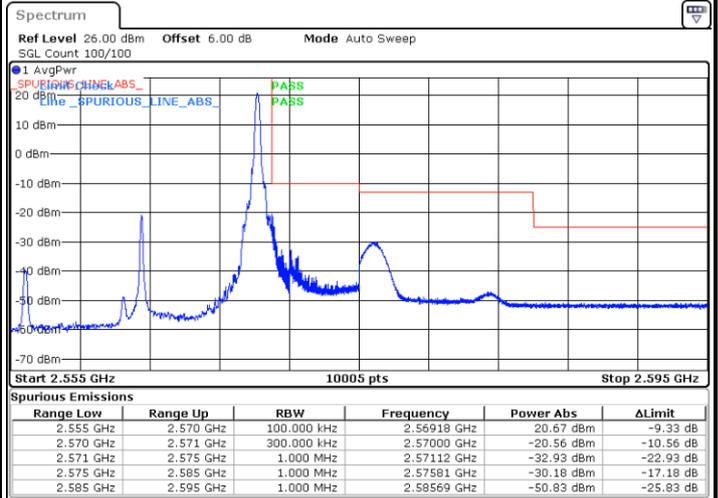


LTE Band 7 / 15MHz / 64QAM

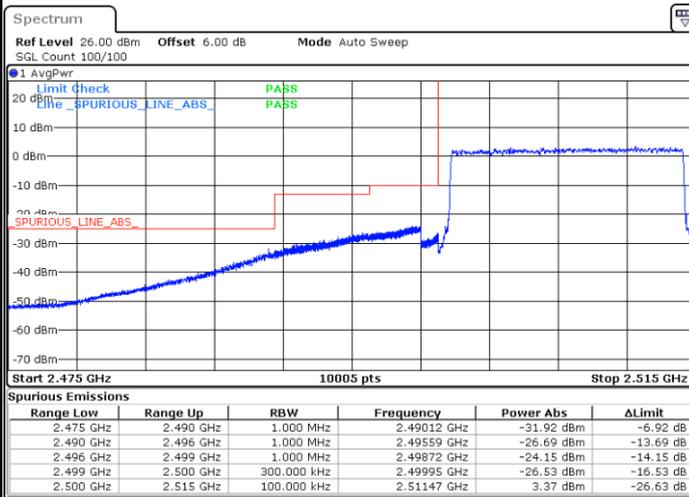
Lowest Band Edge / 1 RB



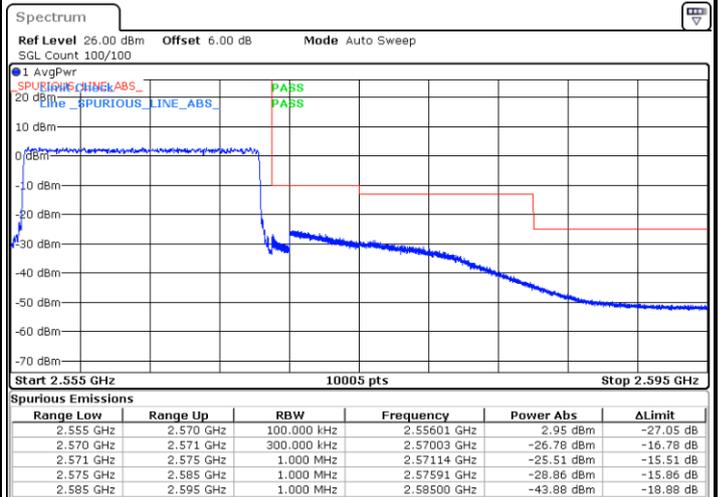
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



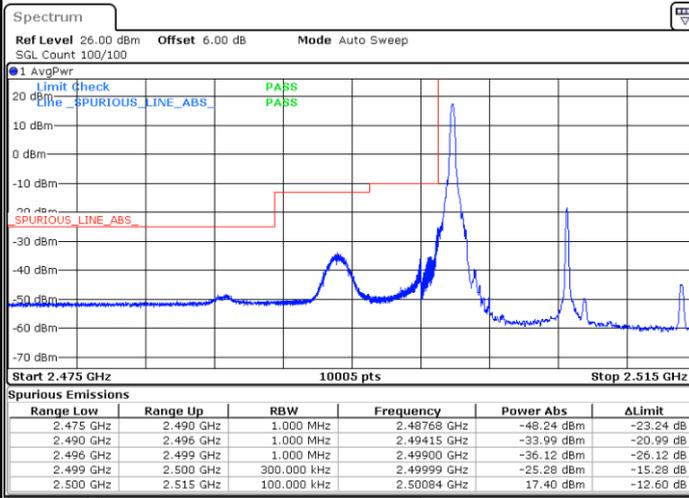
Highest Band Edge / Full RB



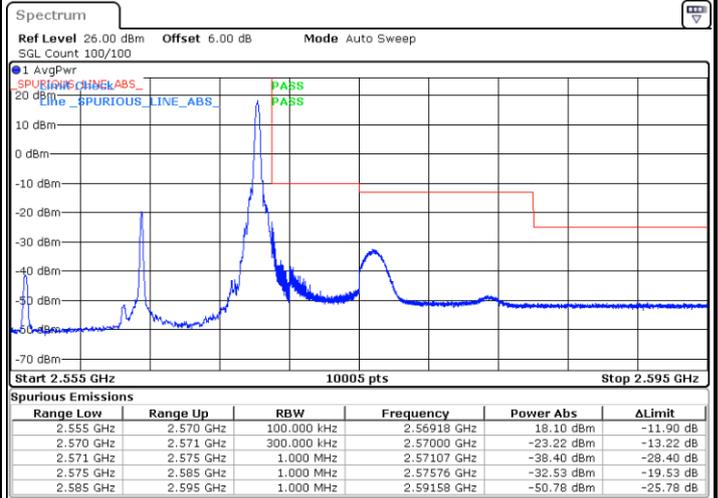


LTE Band 7 / 15MHz / 256QAM

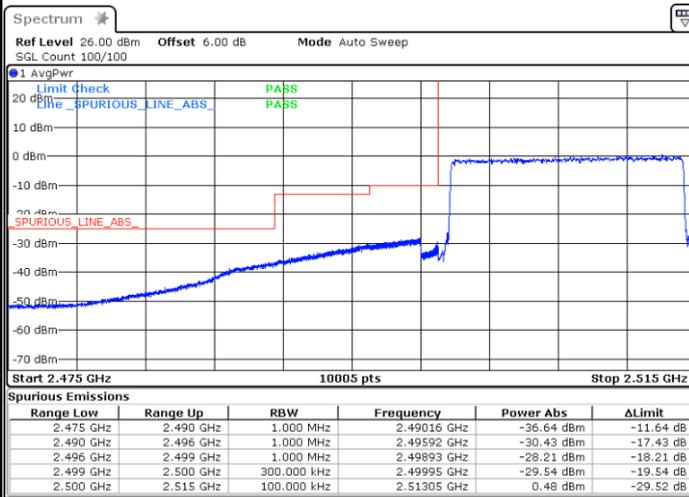
Lowest Band Edge / 1 RB



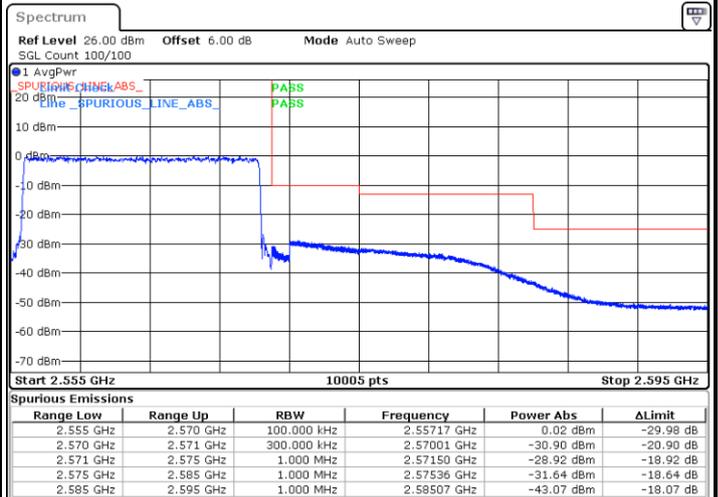
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



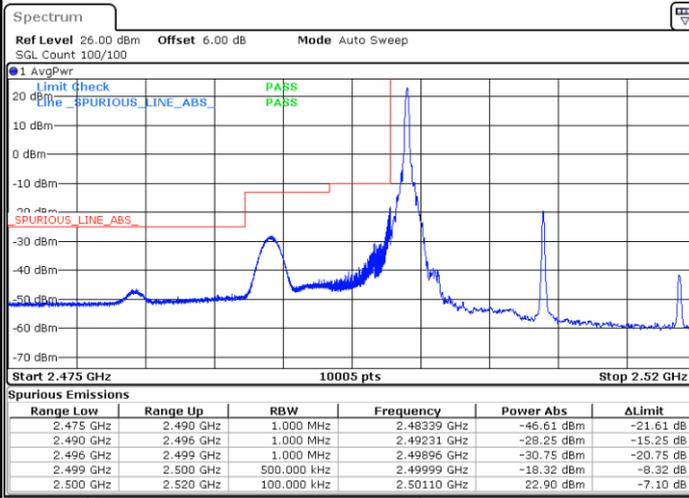
Highest Band Edge / Full RB



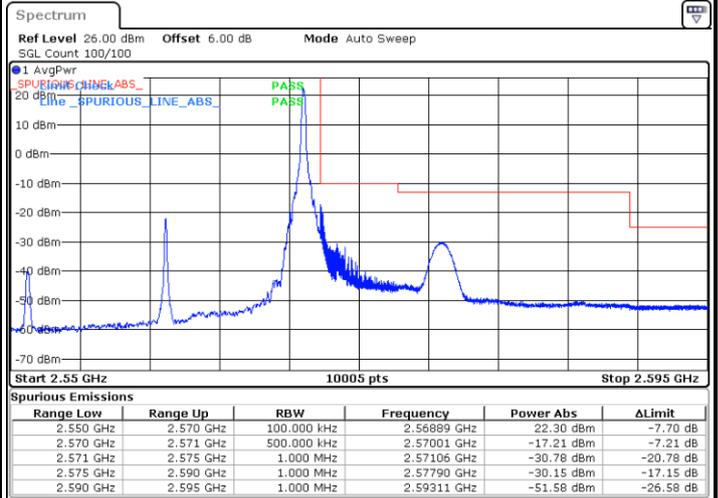


LTE Band 7 / 20MHz / QPSK

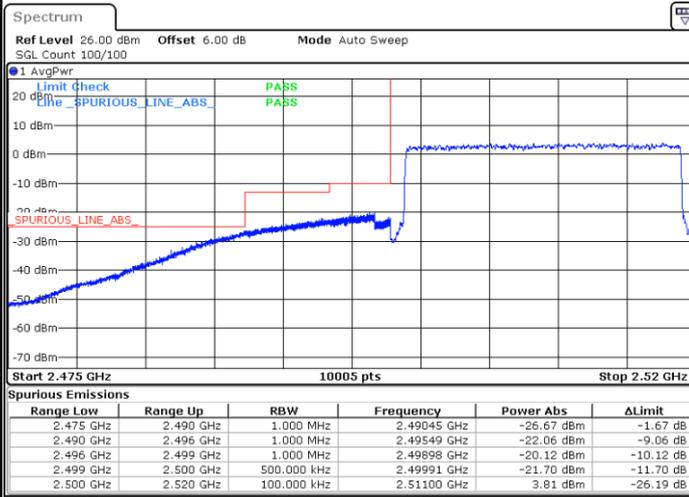
Lowest Band Edge / 1 RB



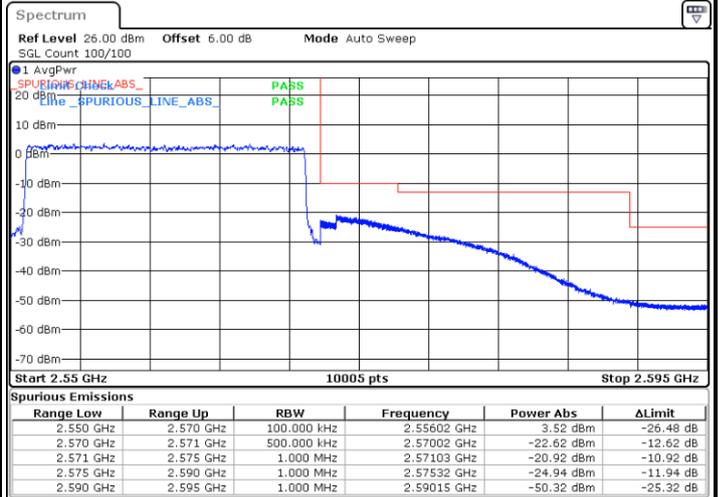
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



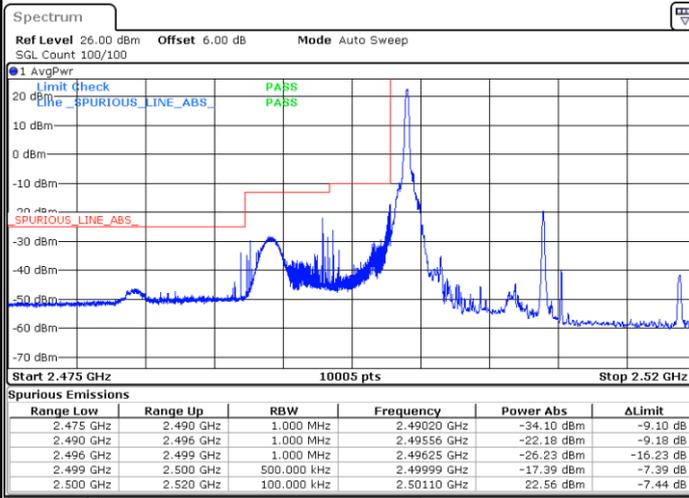
Highest Band Edge / Full RB





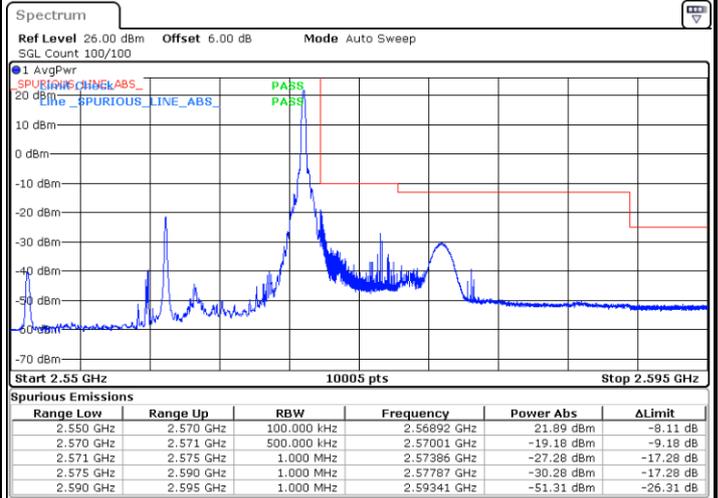
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



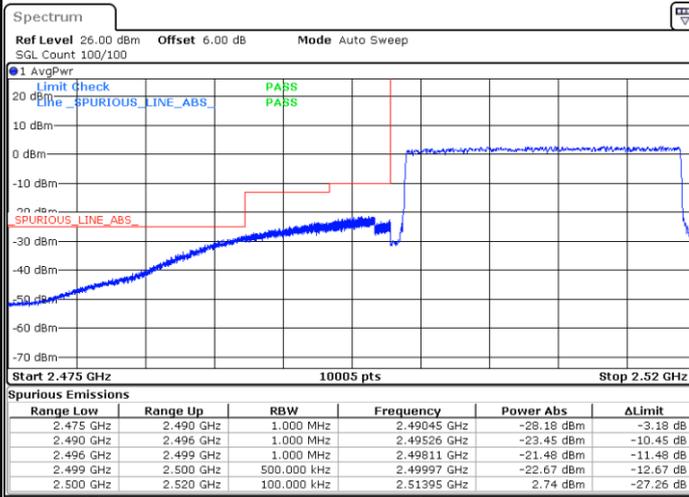
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Highest Band Edge / 1 RB



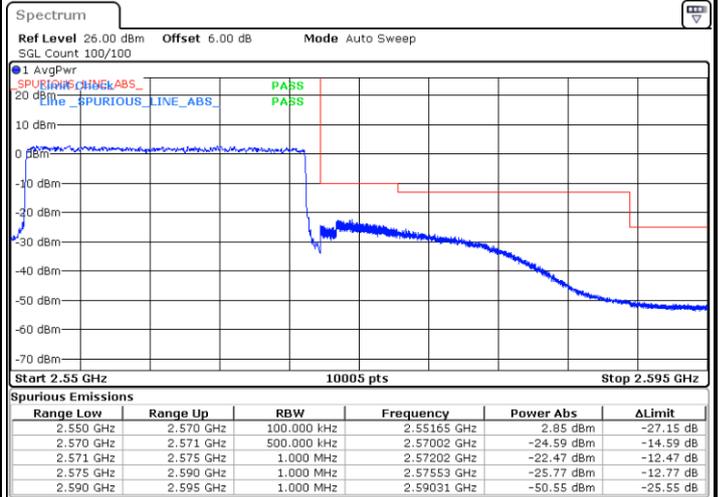
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Lowest Band Edge / Full RB



Date: 4.NOV.2022 23:10:23

Highest Band Edge / Full RB

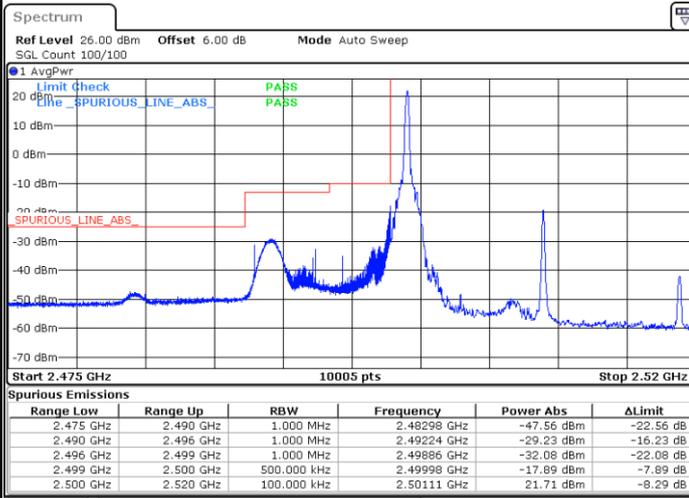


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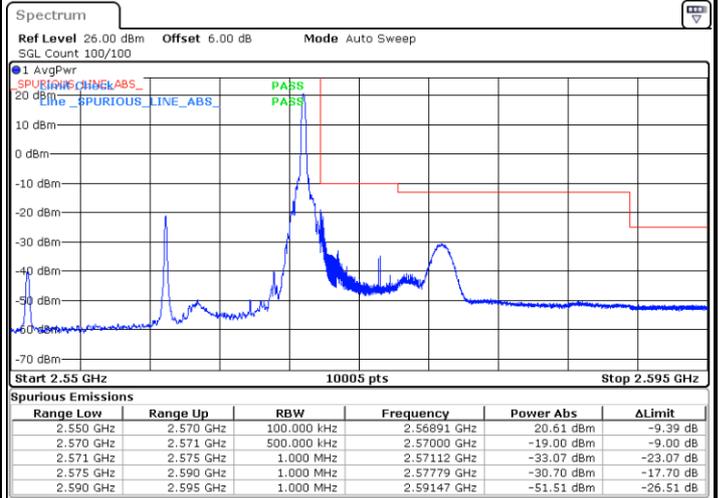
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



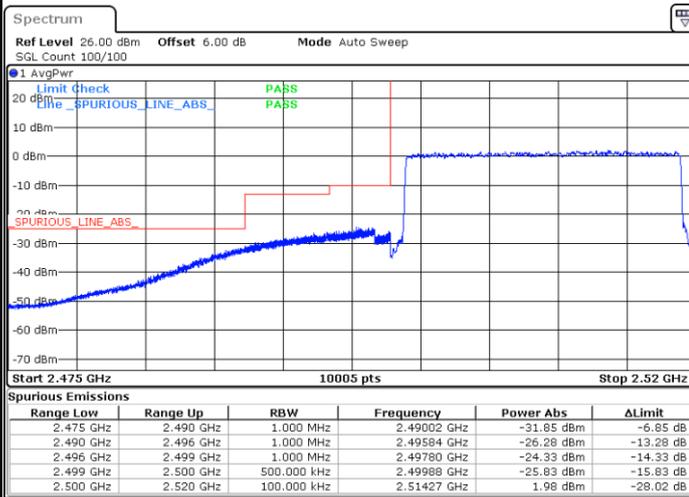
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Highest Band Edge / 1 RB



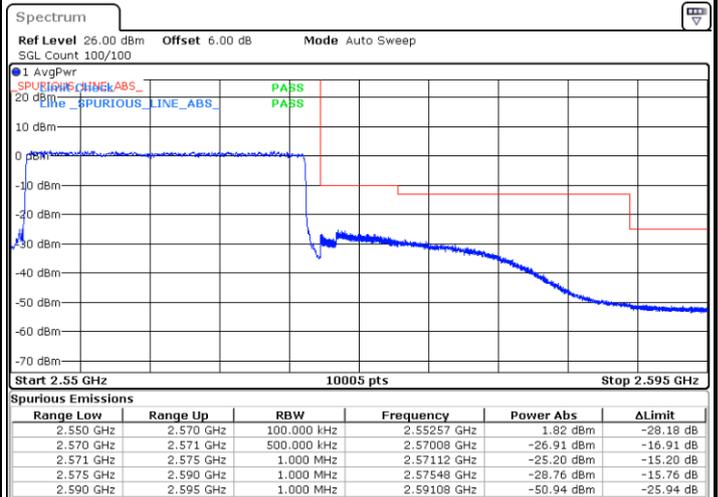
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Lowest Band Edge / Full RB



Date: 4.NOV.2022 23:09:23

Highest Band Edge / Full RB



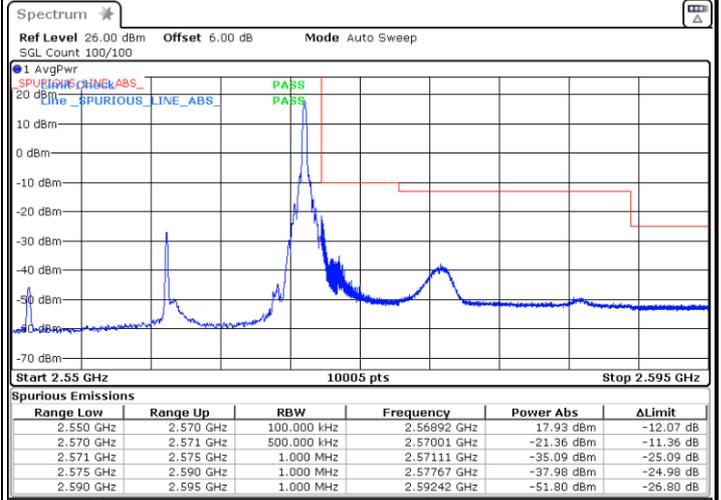
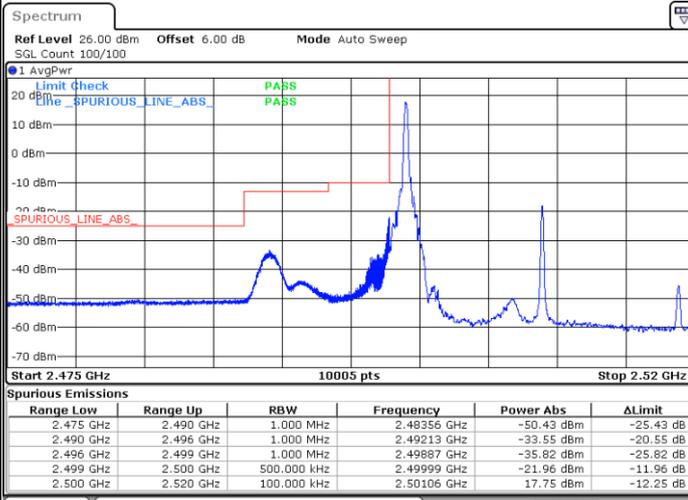
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LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

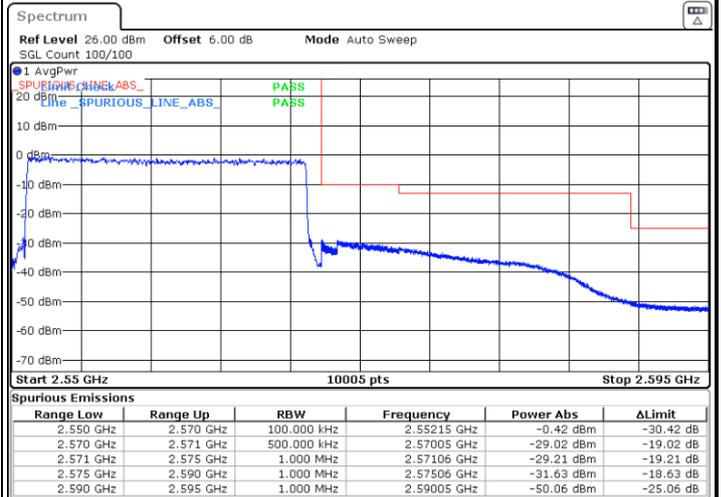
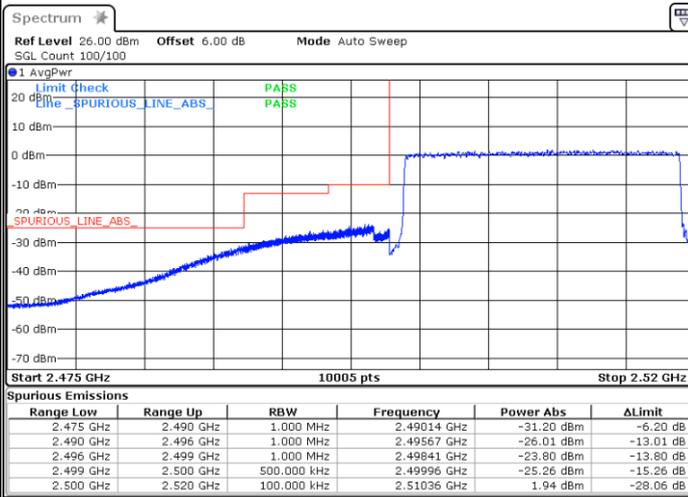


Date: 4.NOV.2022 23:07:22

Date: 5.NOV.2022 07:25:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4.NOV.2022 23:08:23

Date: 5.NOV.2022 07:23:58



Conducted Spurious Emission

