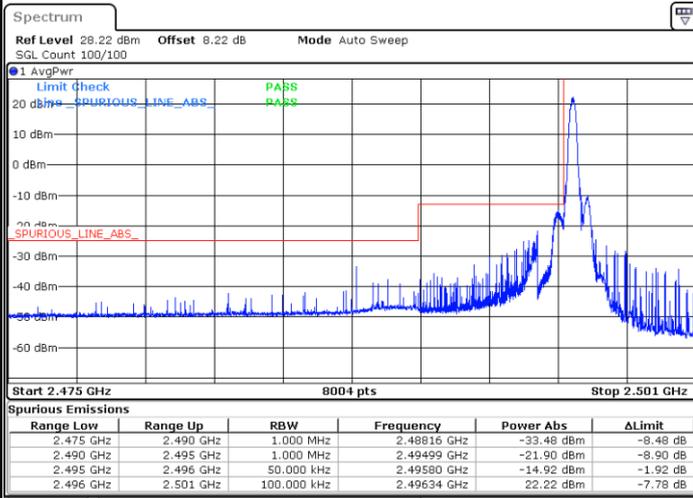




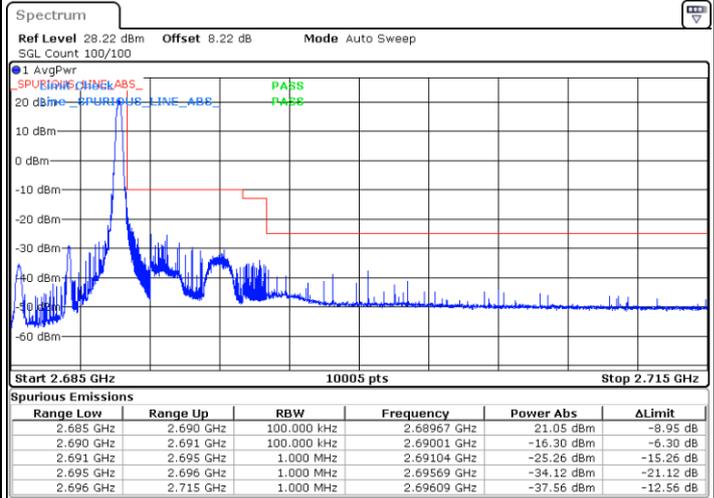
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



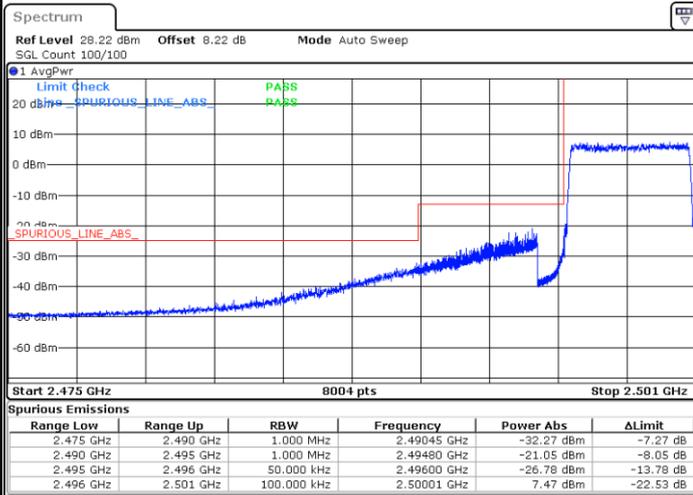
Date: 6.NOV.2022 09:01:45

Highest Band Edge / 1 RB



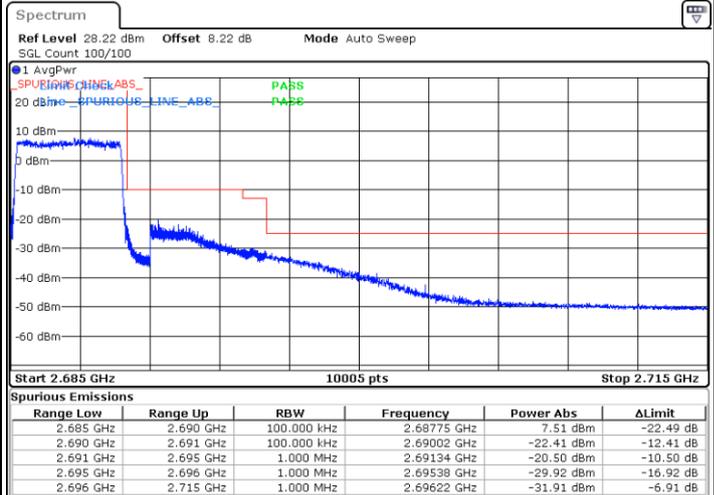
Date: 6.NOV.2022 09:21:33

Lowest Band Edge / Full RB



Date: 6.NOV.2022 09:10:33

Highest Band Edge / Full RB

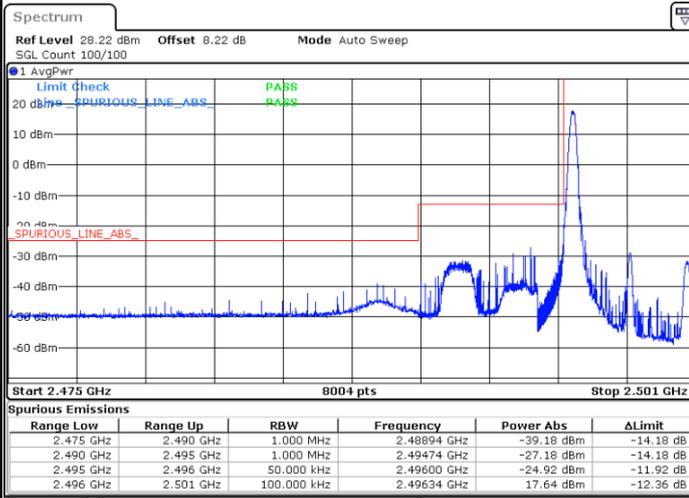


Date: 6.NOV.2022 09:26:36



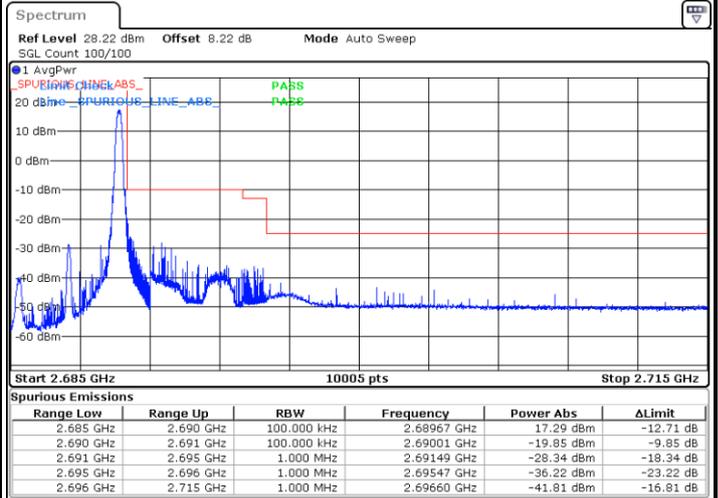
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



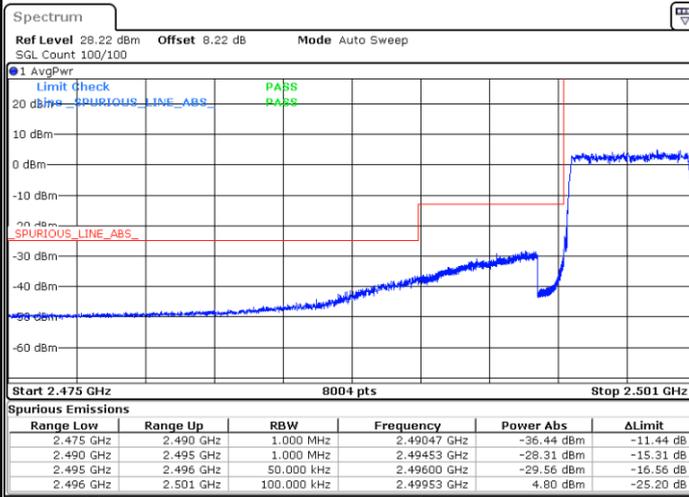
Date: 6.NOV.2022 09:03:26

Highest Band Edge / 1 RB



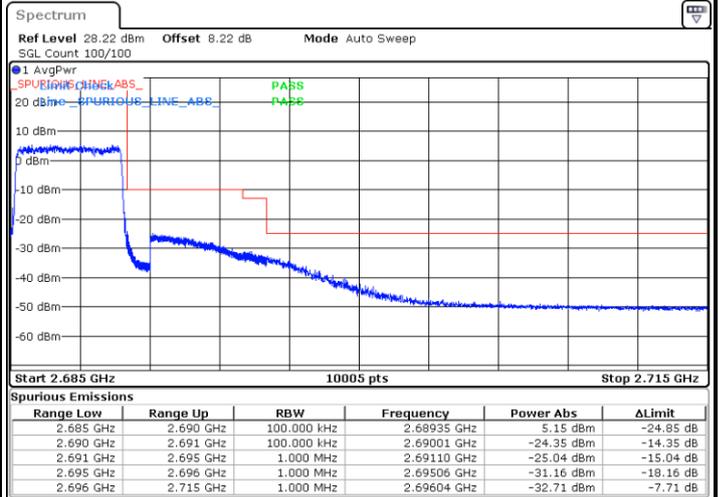
Date: 6.NOV.2022 09:23:13

Lowest Band Edge / Full RB



Date: 6.NOV.2022 09:08:53

Highest Band Edge / Full RB

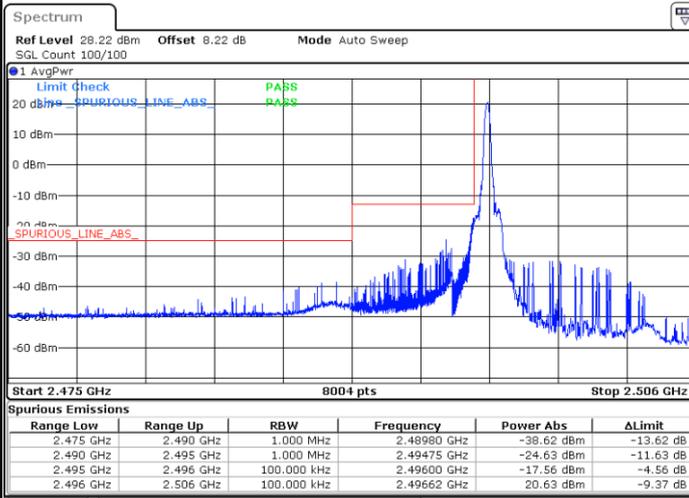


Date: 6.NOV.2022 09:24:56



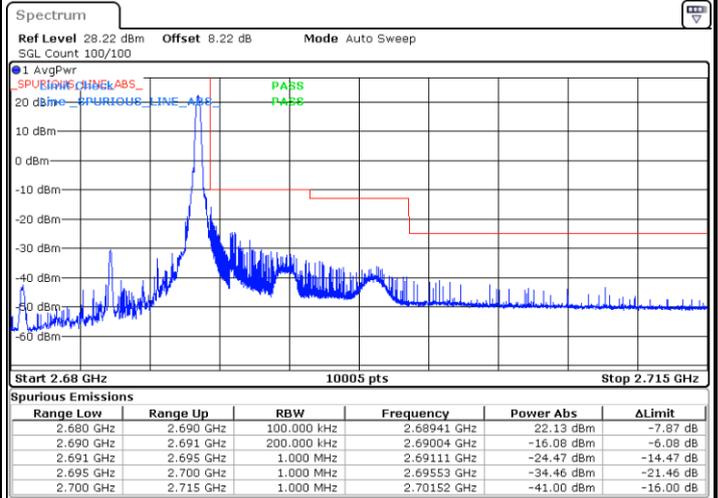
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



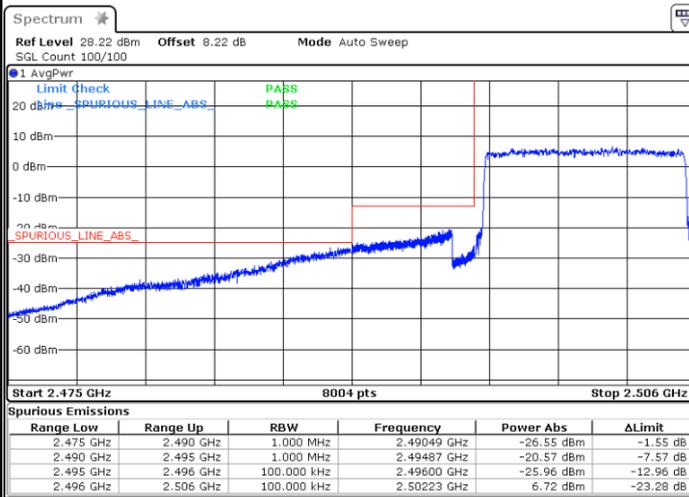
Date: 6.NOV.2022 13:59:47

Highest Band Edge / 1 RB



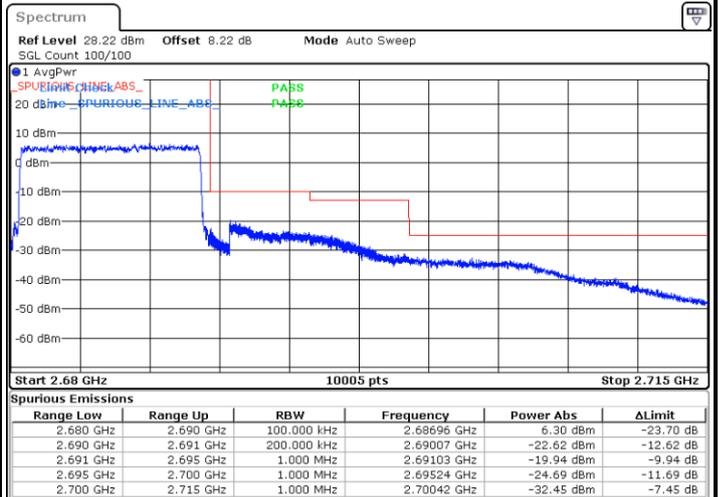
Date: 6.NOV.2022 09:53:26

Lowest Band Edge / Full RB



Date: 6.NOV.2022 12:31:20

Highest Band Edge / Full RB

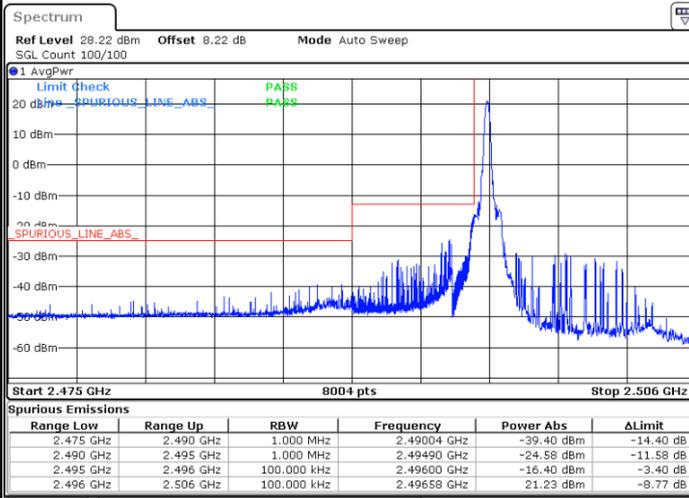


Date: 6.NOV.2022 10:05:12



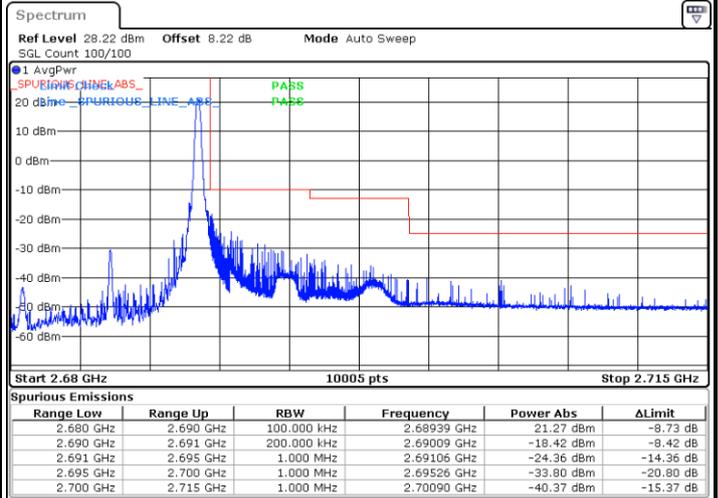
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



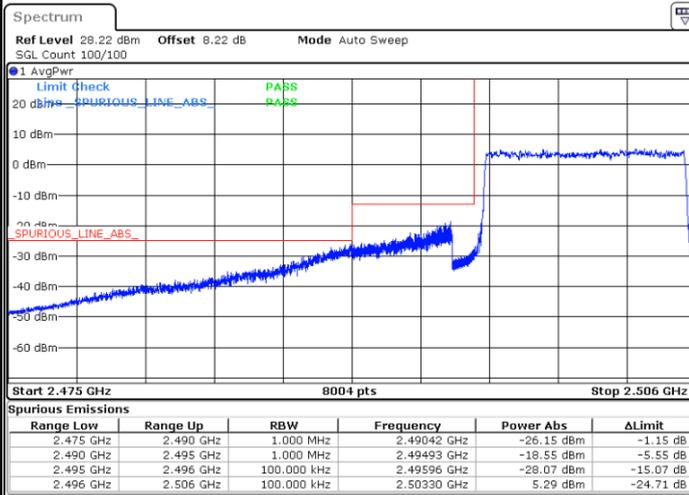
Date: 6.NOV.2022 14:00:40

Highest Band Edge / 1 RB



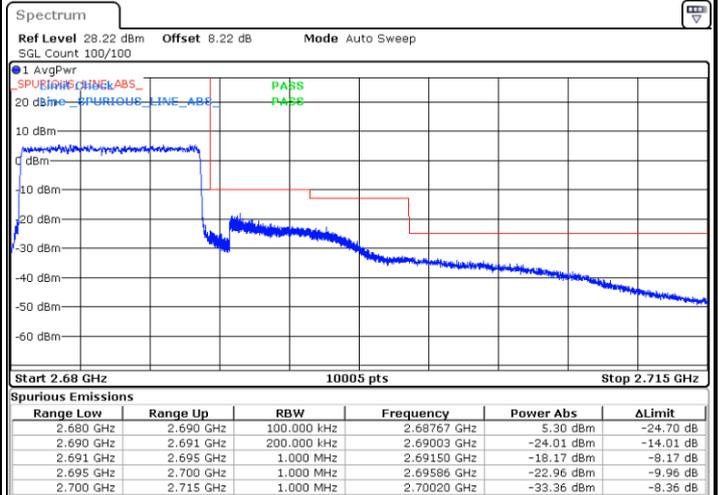
Date: 6.NOV.2022 09:55:06

Lowest Band Edge / Full RB



Date: 6.NOV.2022 12:30:39

Highest Band Edge / Full RB

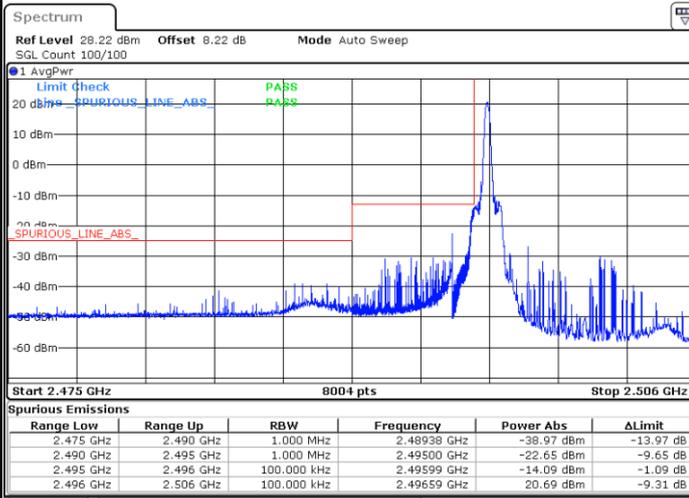


Date: 6.NOV.2022 10:03:32



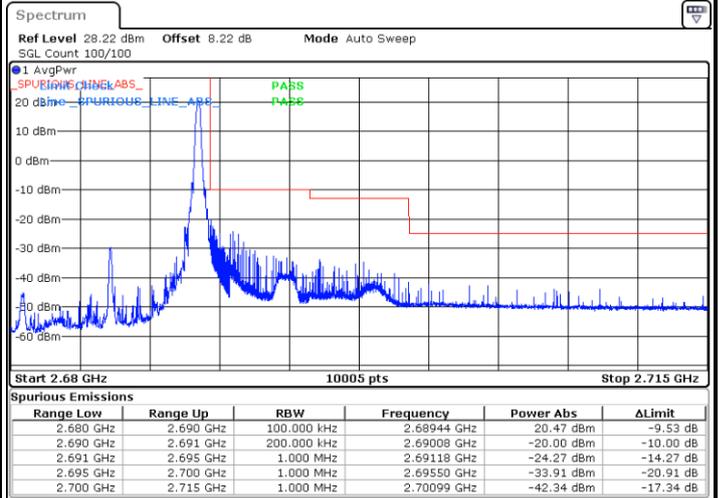
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



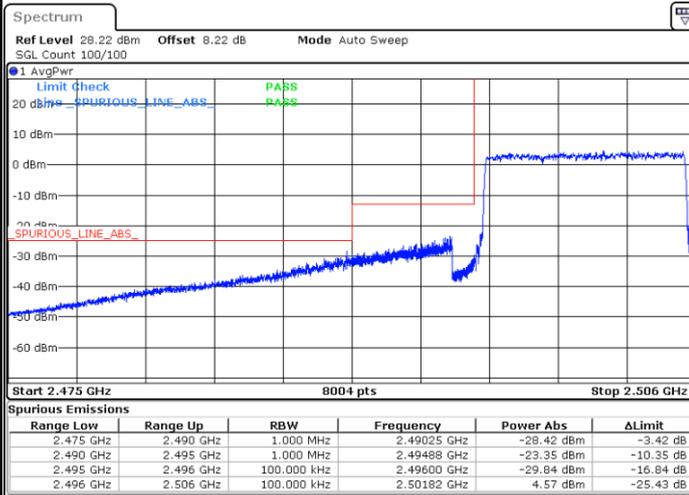
Date: 6.NOV.2022 12:26:12

Highest Band Edge / 1 RB



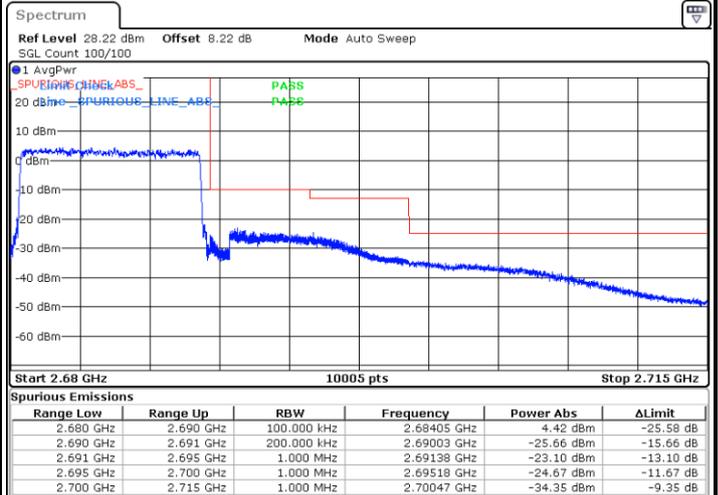
Date: 6.NOV.2022 09:56:46

Lowest Band Edge / Full RB



Date: 6.NOV.2022 09:45:46

Highest Band Edge / Full RB

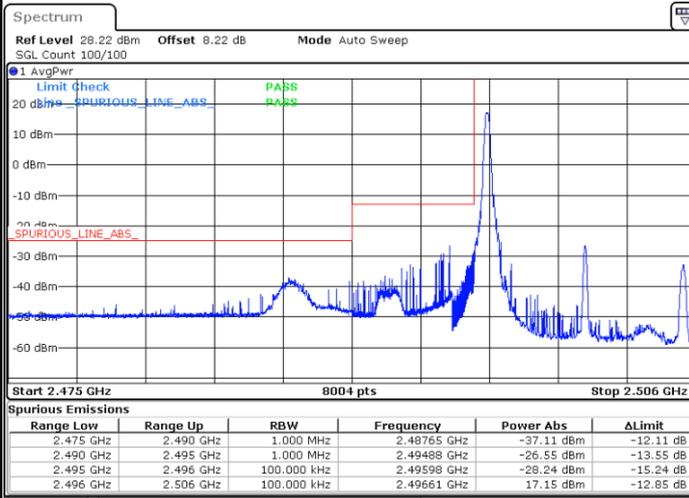


Date: 6.NOV.2022 10:01:52



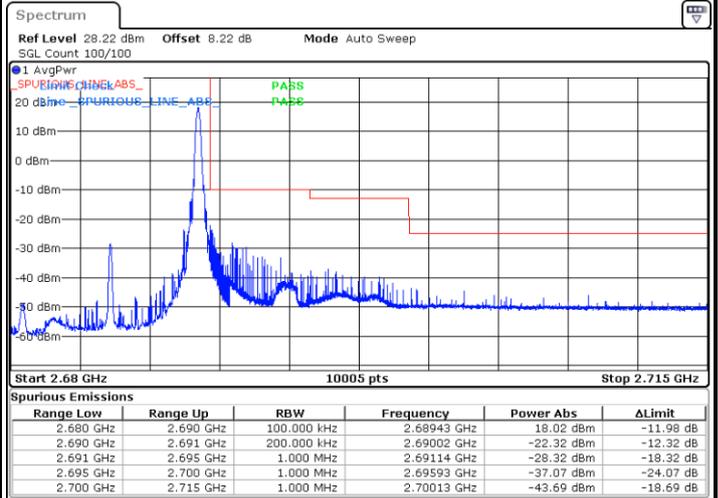
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



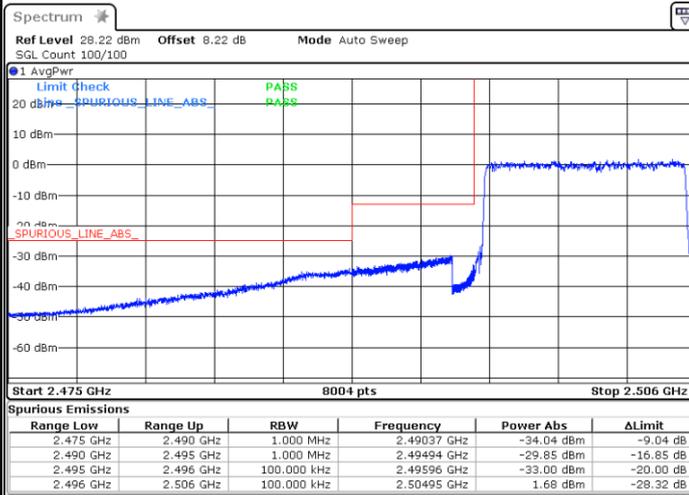
Date: 6.NOV.2022 09:37:58

Highest Band Edge / 1 RB



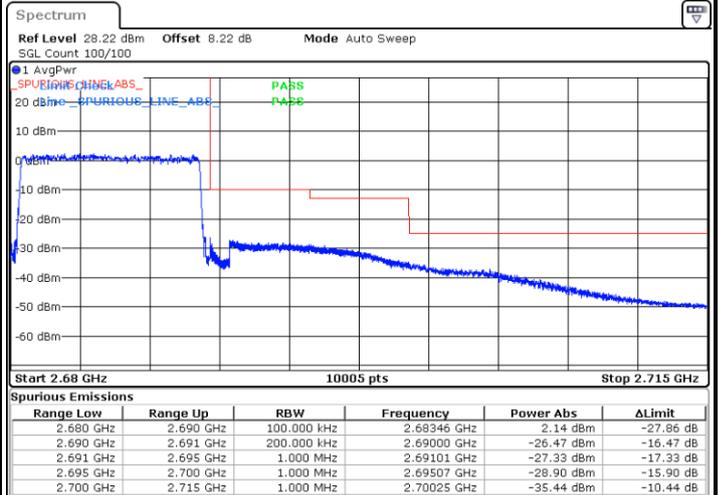
Date: 6.NOV.2022 09:58:26

Lowest Band Edge / Full RB



Date: 6.NOV.2022 09:44:06

Highest Band Edge / Full RB

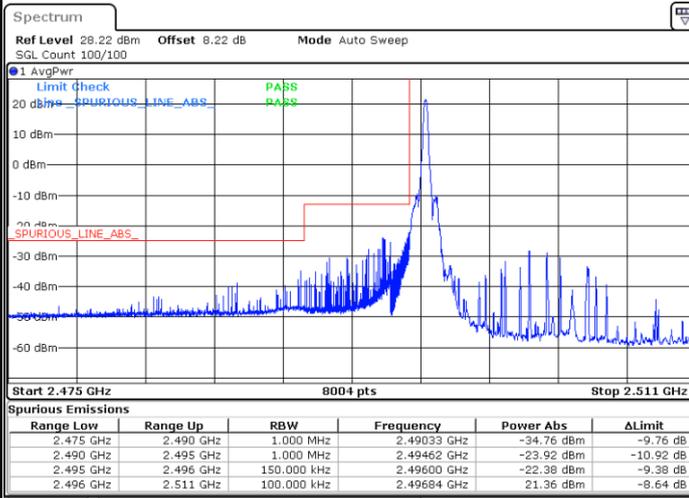


Date: 6.NOV.2022 10:00:09



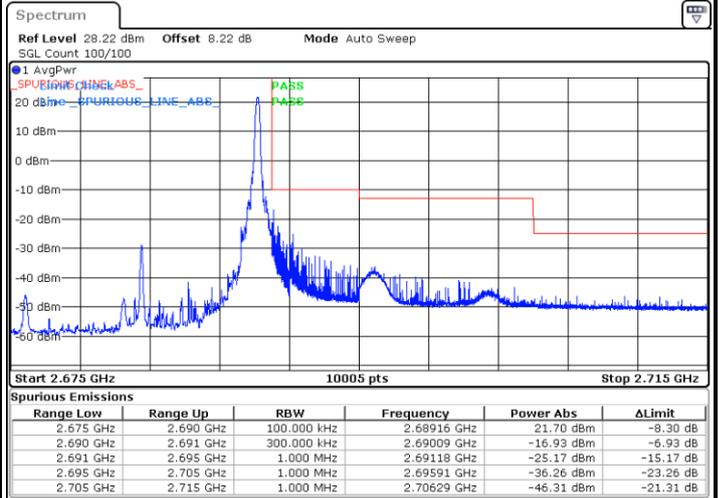
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



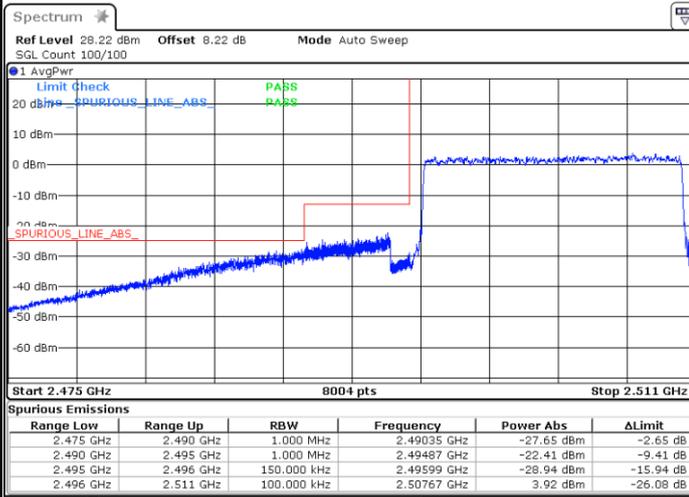
Date: 6.NOV.2022 10:09:54

Highest Band Edge / 1 RB



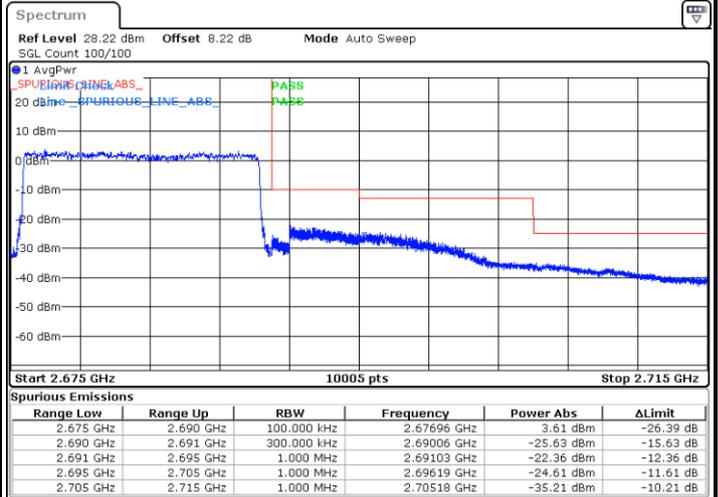
Date: 6.NOV.2022 10:28:20

Lowest Band Edge / Full RB



Date: 6.NOV.2022 12:20:58

Highest Band Edge / Full RB

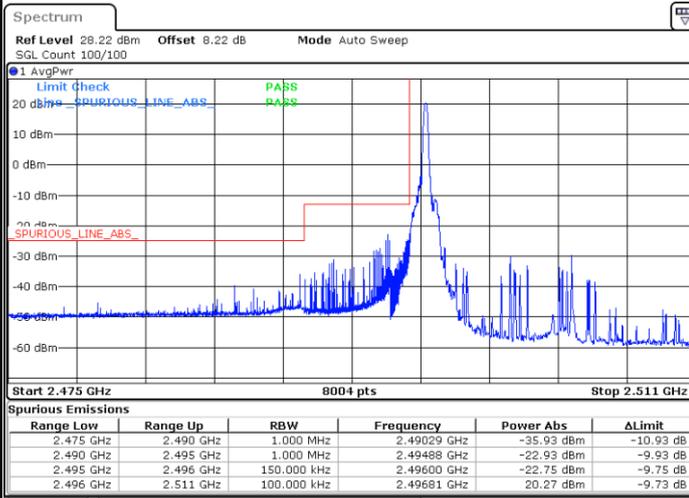


Date: 6.NOV.2022 10:38:15



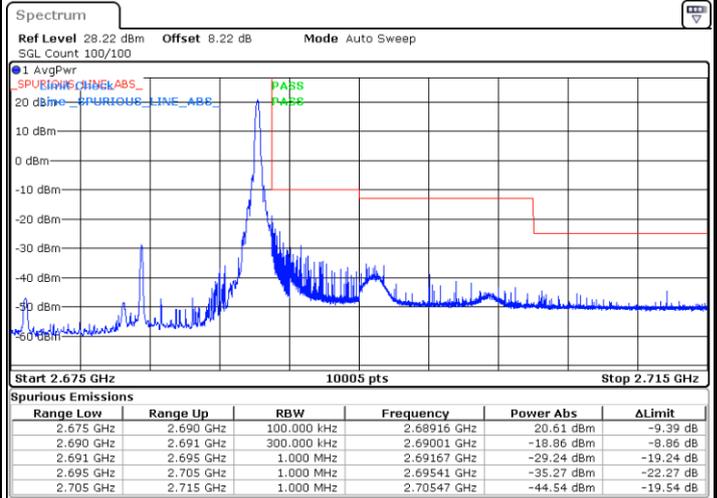
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



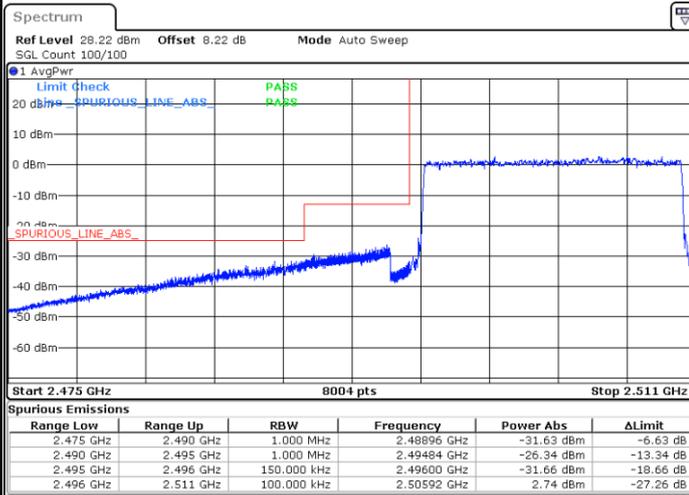
Date: 6.NOV.2022 10:11:34

Highest Band Edge / 1 RB



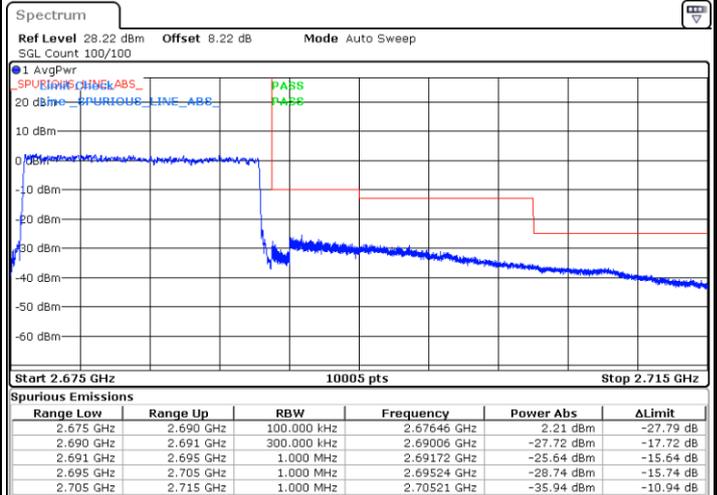
Date: 6.NOV.2022 10:30:00

Lowest Band Edge / Full RB



Date: 6.NOV.2022 10:19:00

Highest Band Edge / Full RB

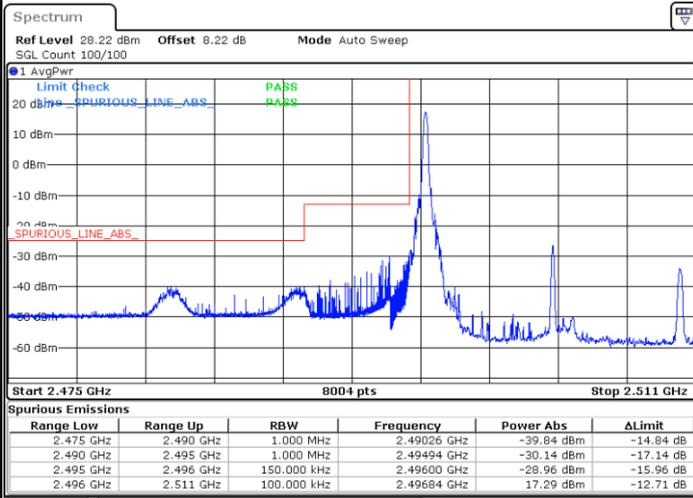


Date: 6.NOV.2022 10:36:35



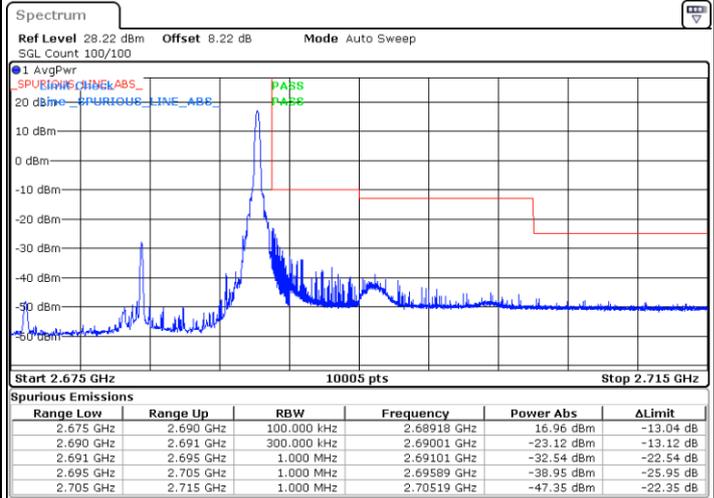
LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



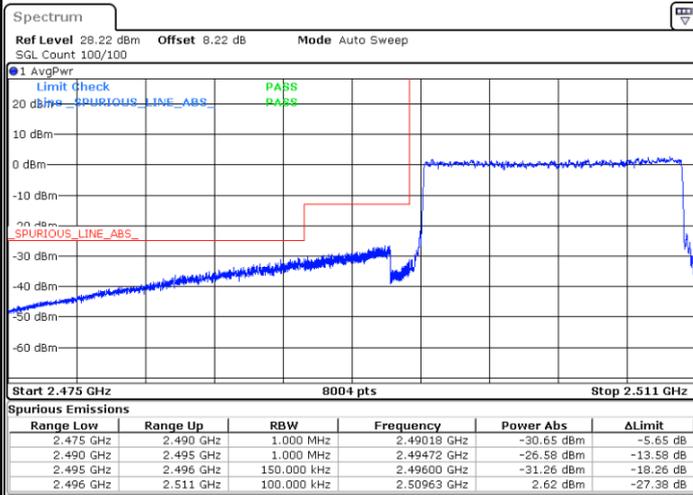
Date: 6.NOV.2022 10:13:15

Highest Band Edge / 1 RB



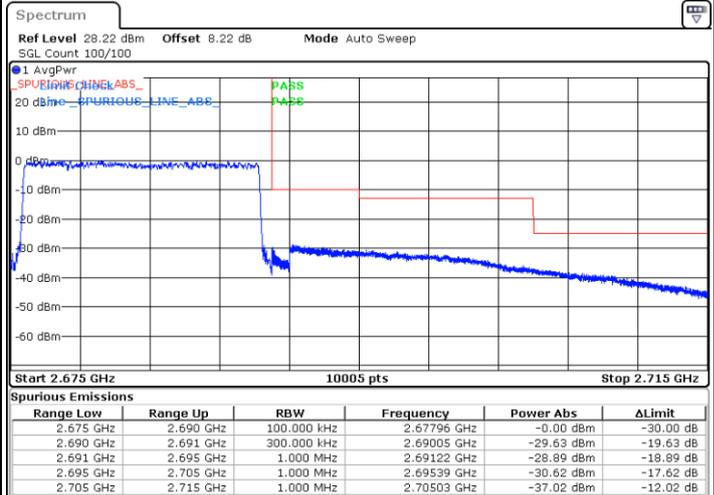
Date: 6.NOV.2022 10:31:40

Lowest Band Edge / Full RB



Date: 6.NOV.2022 10:17:20

Highest Band Edge / Full RB

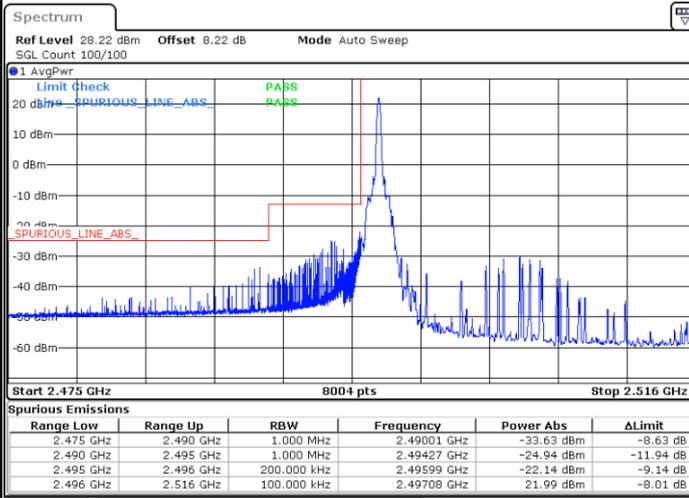


Date: 6.NOV.2022 10:34:55



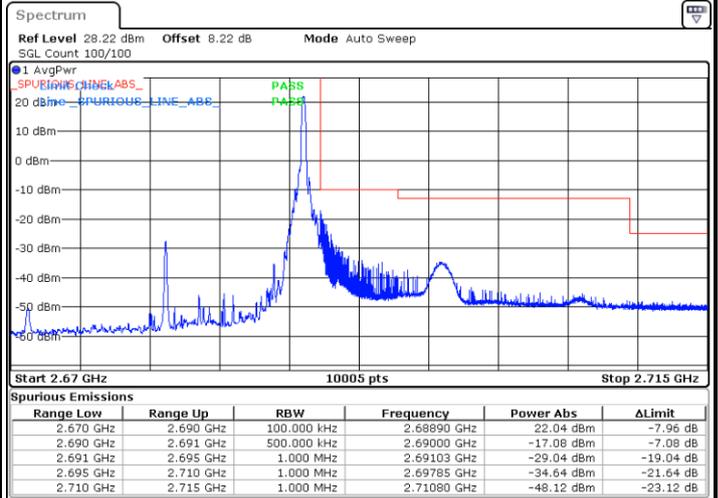
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



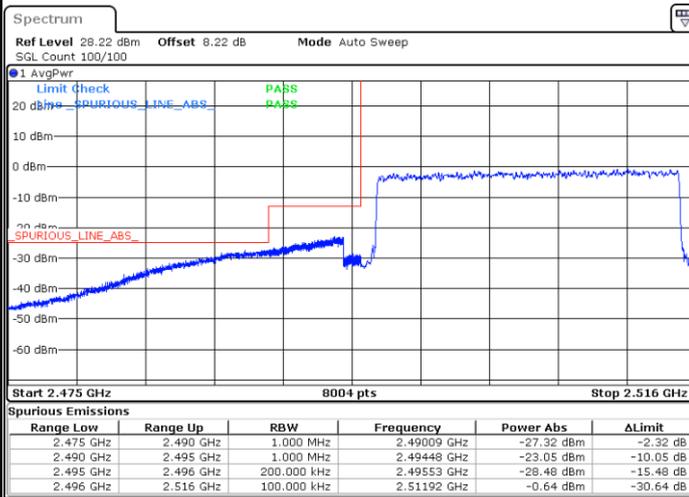
Date: 6.NOV.2022 10:42:56

Highest Band Edge / 1 RB



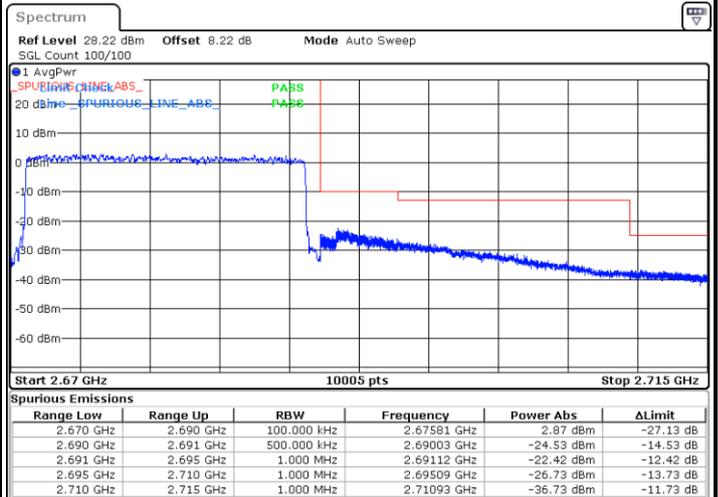
Date: 6.NOV.2022 11:53:41

Lowest Band Edge / Full RB



Date: 6.NOV.2022 11:01:09

Highest Band Edge / Full RB

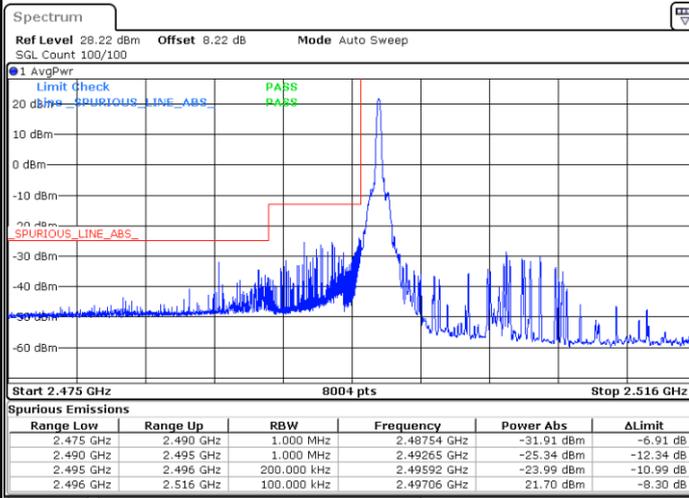


Date: 6.NOV.2022 12:07:16



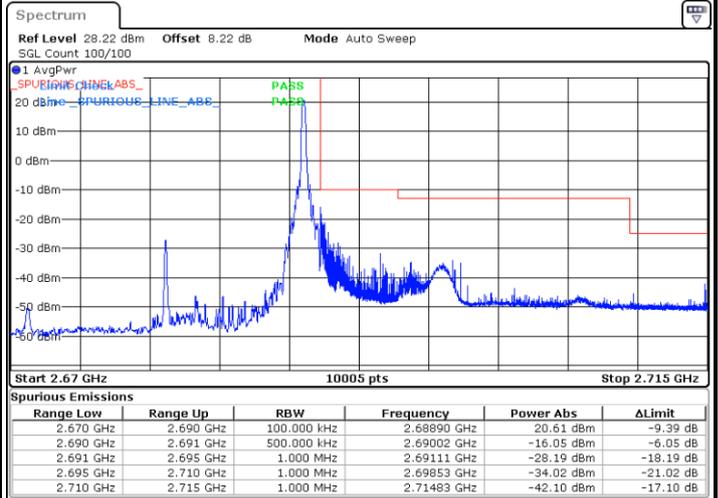
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



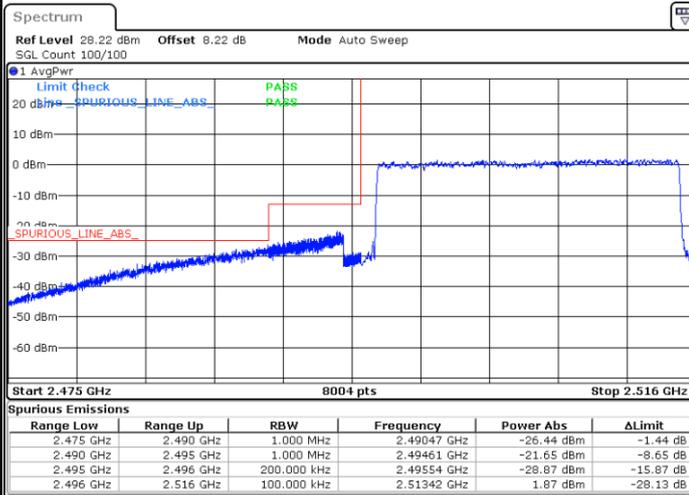
Date: 6.NOV.2022 10:44:36

Highest Band Edge / 1 RB



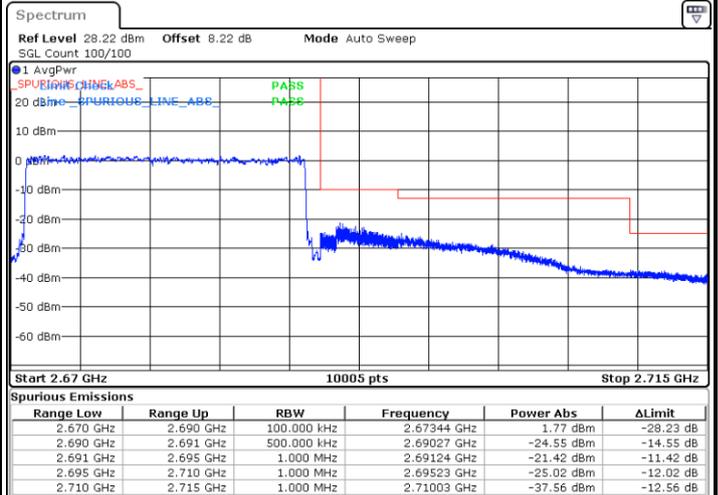
Date: 6.NOV.2022 11:55:21

Lowest Band Edge / Full RB



Date: 6.NOV.2022 10:59:29

Highest Band Edge / Full RB

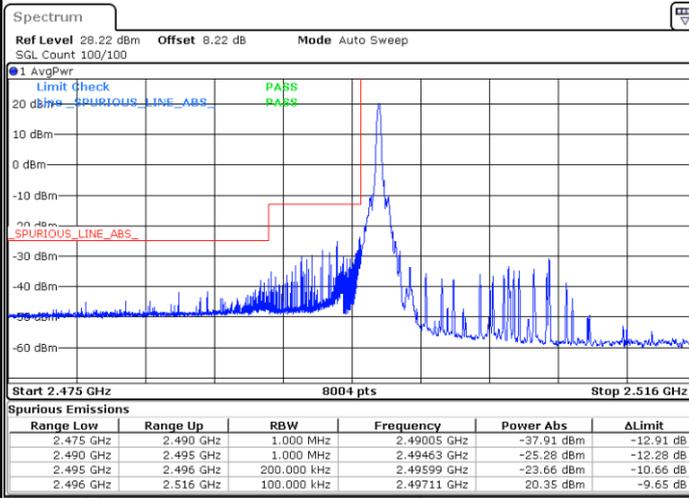


Date: 6.NOV.2022 12:05:36



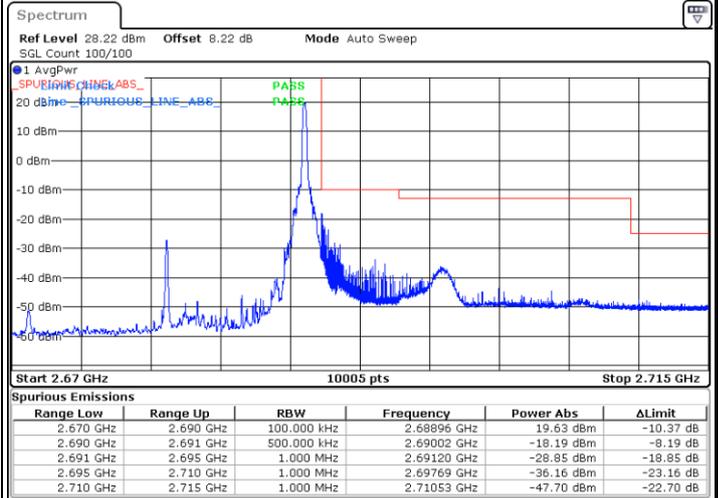
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



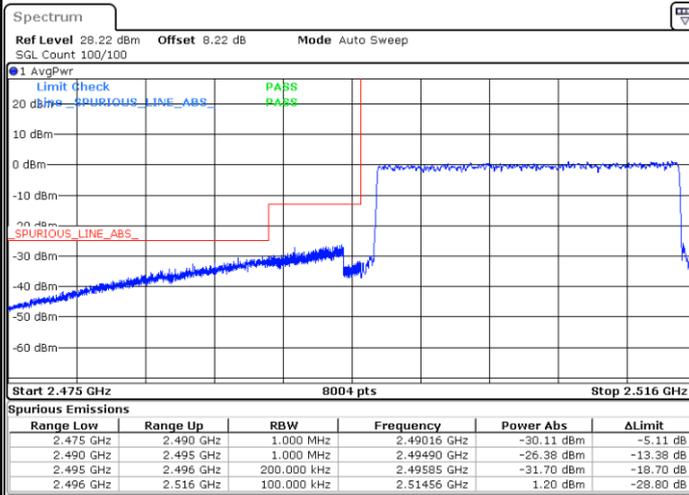
Date: 6.NOV.2022 10:46:16

Highest Band Edge / 1 RB



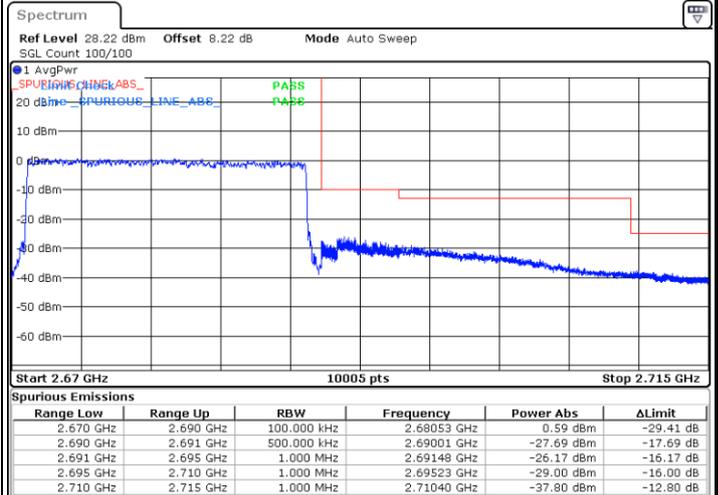
Date: 6.NOV.2022 11:57:02

Lowest Band Edge / Full RB



Date: 6.NOV.2022 10:57:48

Highest Band Edge / Full RB

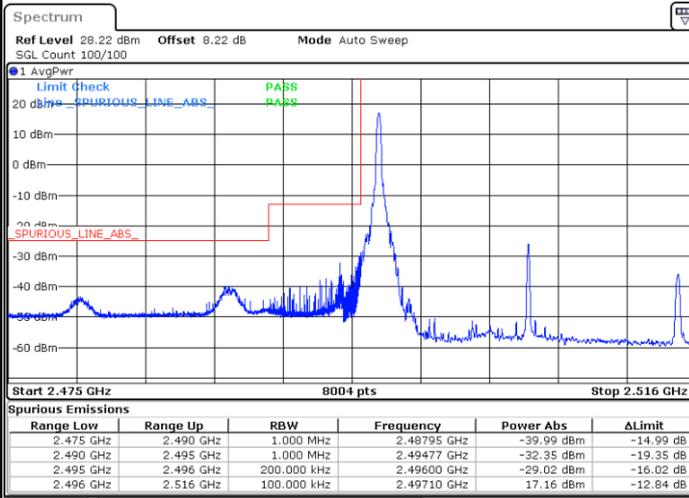


Date: 6.NOV.2022 12:03:56



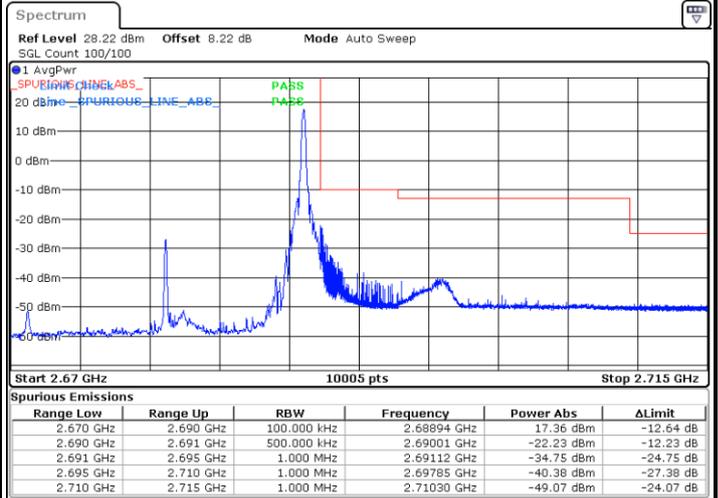
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



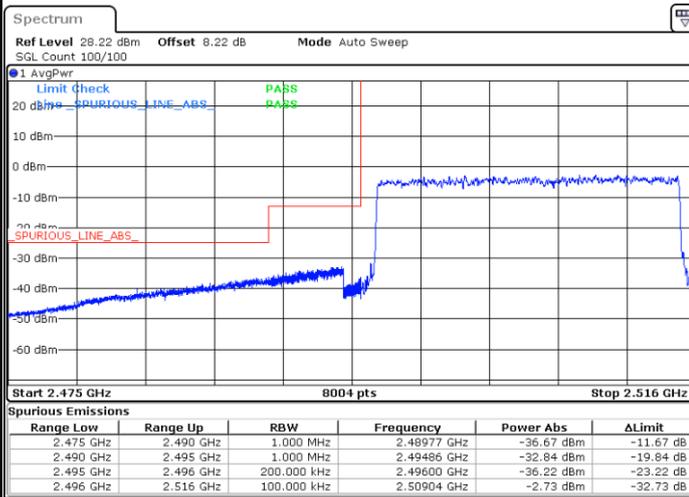
Date: 6.NOV.2022 10:47:57

Highest Band Edge / 1 RB



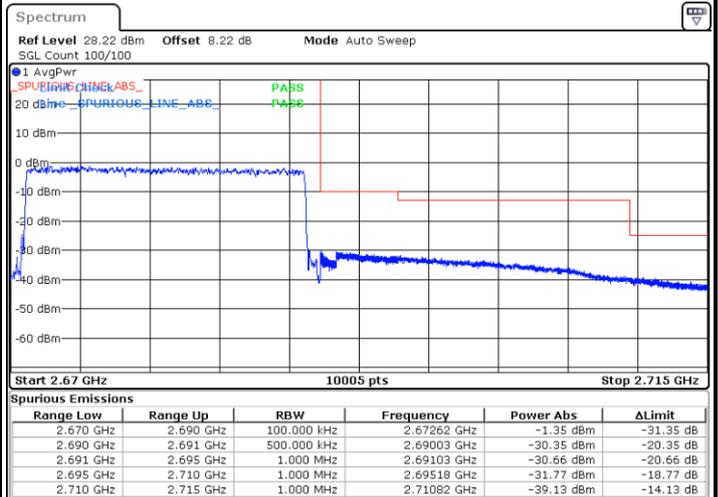
Date: 6.NOV.2022 11:58:42

Lowest Band Edge / Full RB



Date: 6.NOV.2022 10:56:08

Highest Band Edge / Full RB



Date: 6.NOV.2022 12:01:56



Conducted Spurious Emission

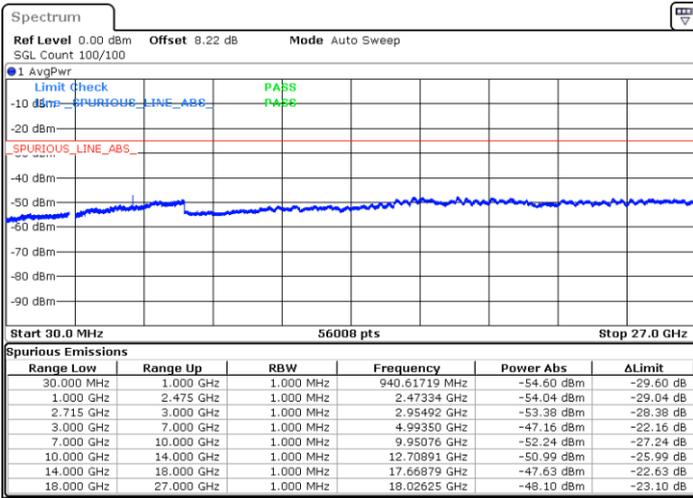




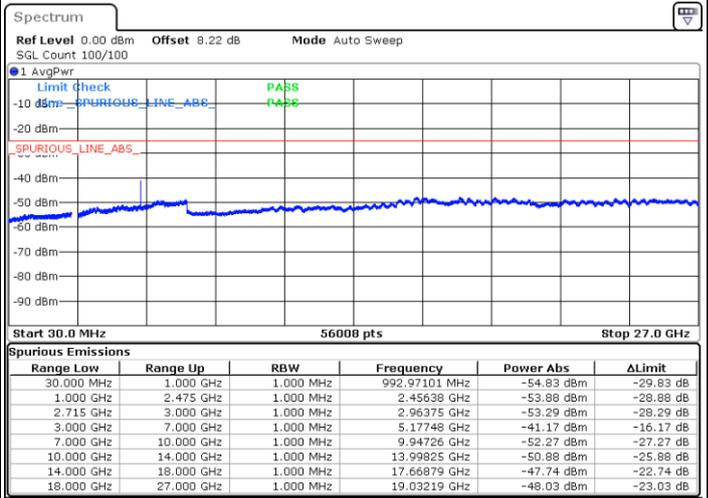
LTE Band 41 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

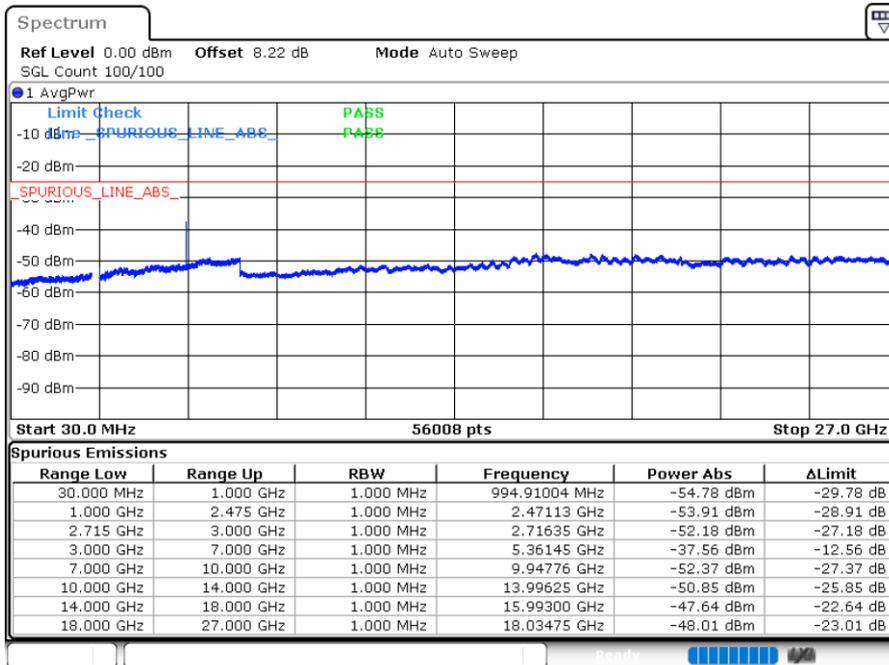


Date: 6.NOV.2022 09:31:16



Date: 6.NOV.2022 09:50:26

Highest Channel / QPSK



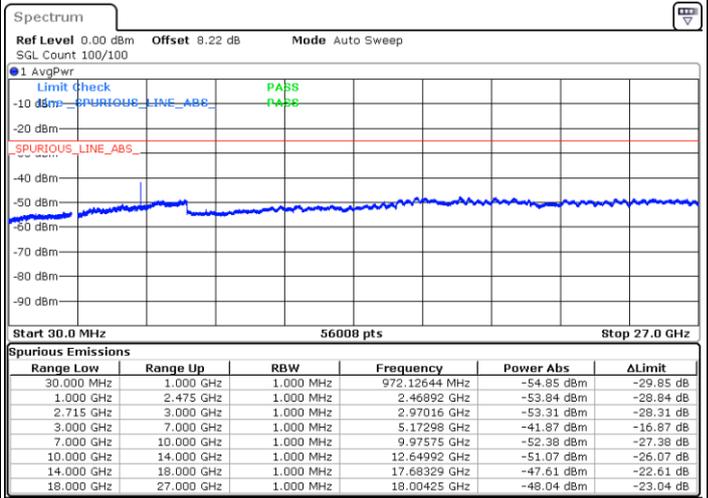
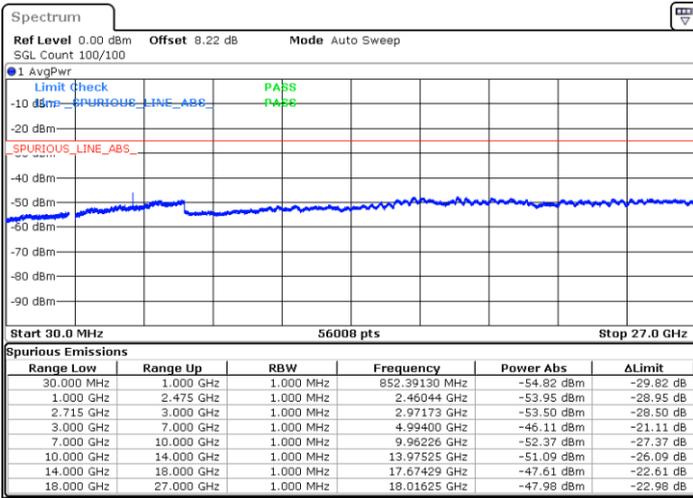
Date: 6.NOV.2022 09:51:46



LTE Band 41 / 15MHz

Lowest Channel / QPSK

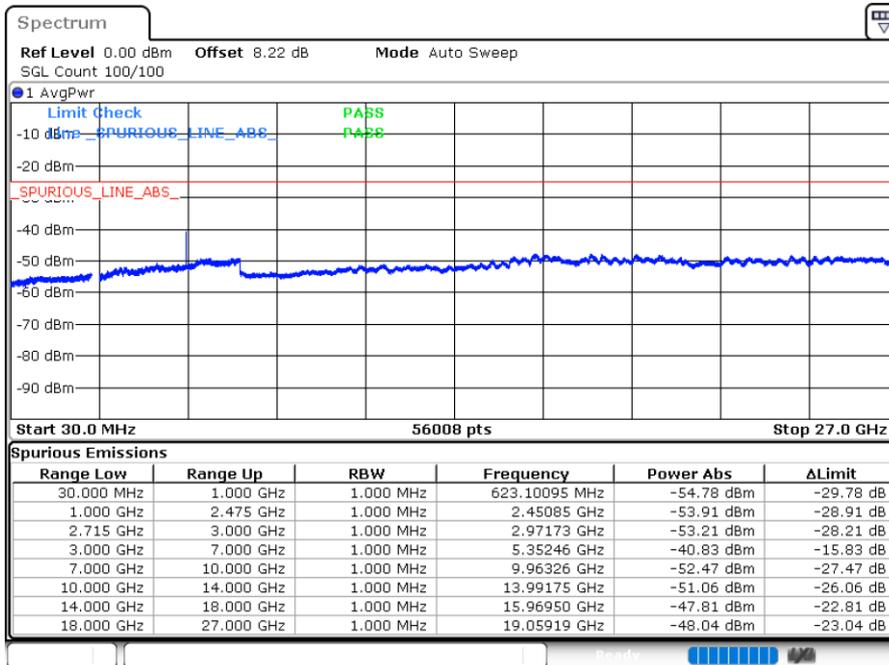
Middle Channel / QPSK



Date: 6.NOV.2022 10:06:33

Date: 6.NOV.2022 10:23:41

Highest Channel / QPSK

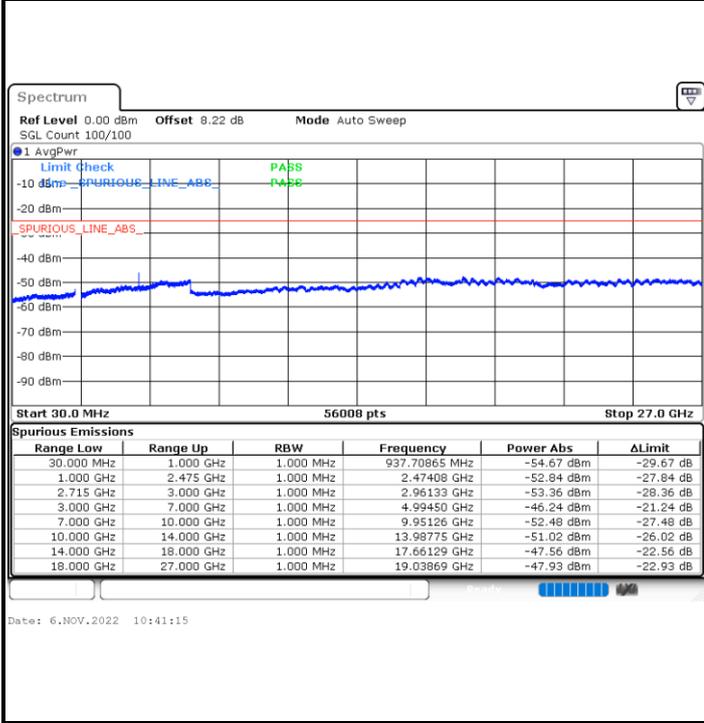


Date: 6.NOV.2022 10:25:00

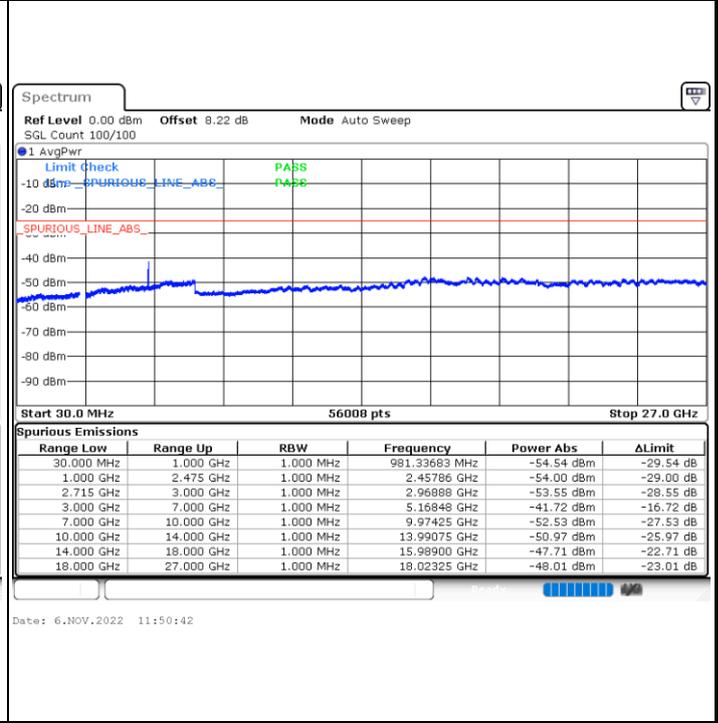


LTE Band 41 / 20MHz

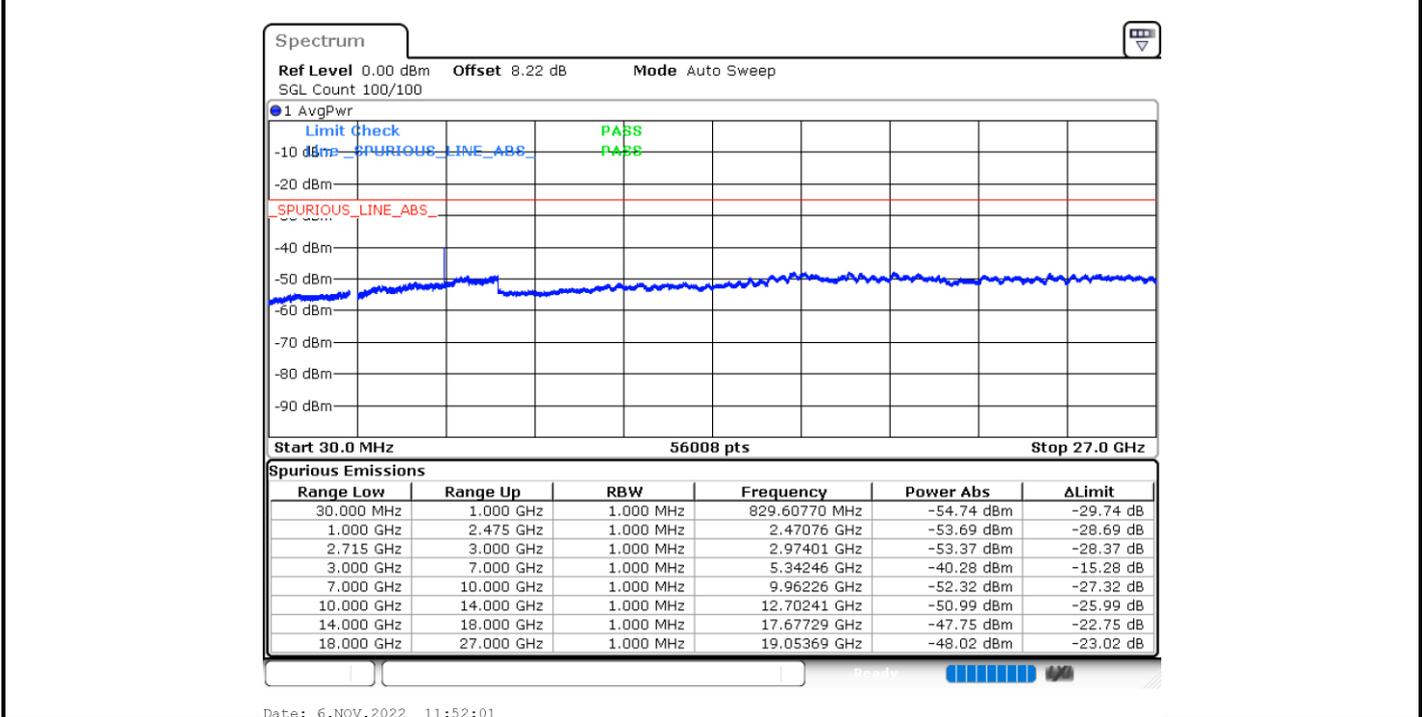
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK





Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0013	

Note:

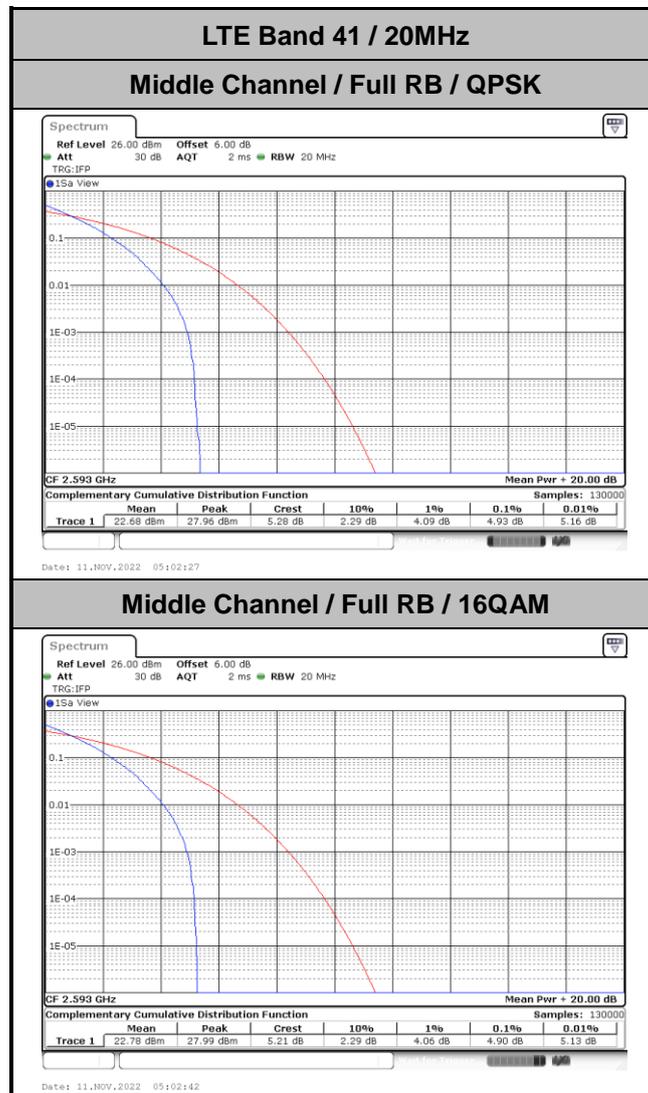
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.25 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

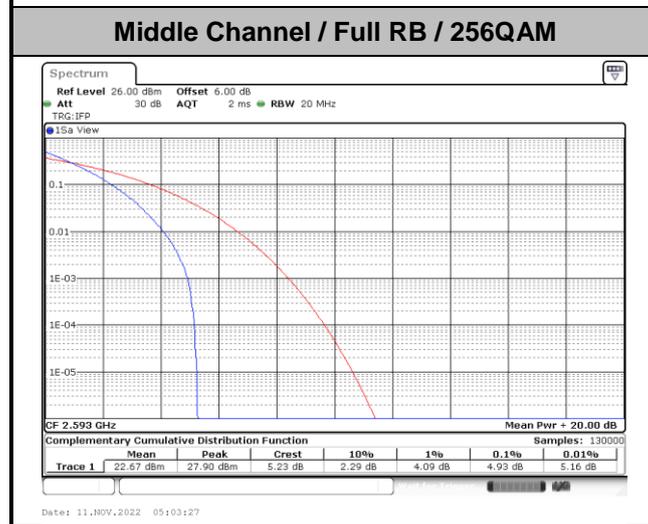
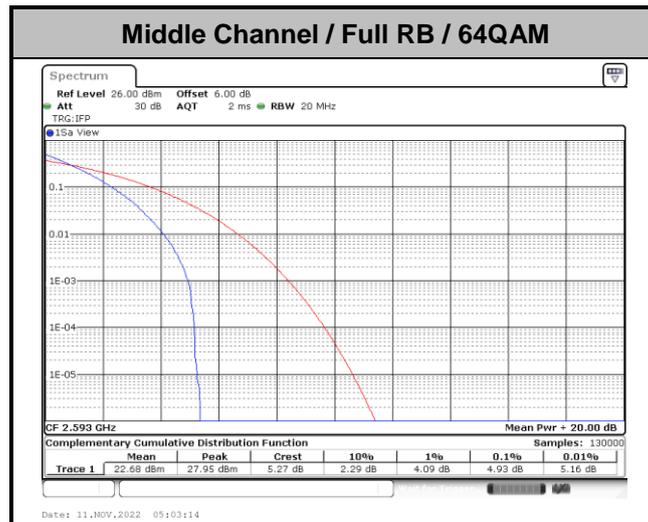


LTE Band 41(other PA)

Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.93	4.90	4.93	4.93	PASS

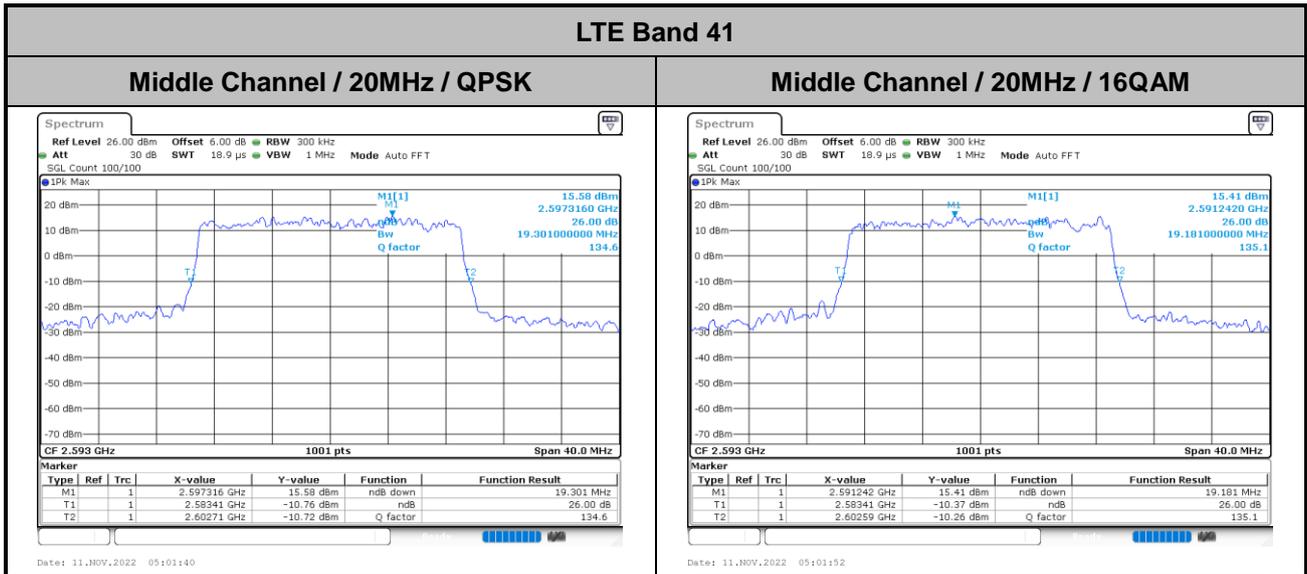






26dB Bandwidth

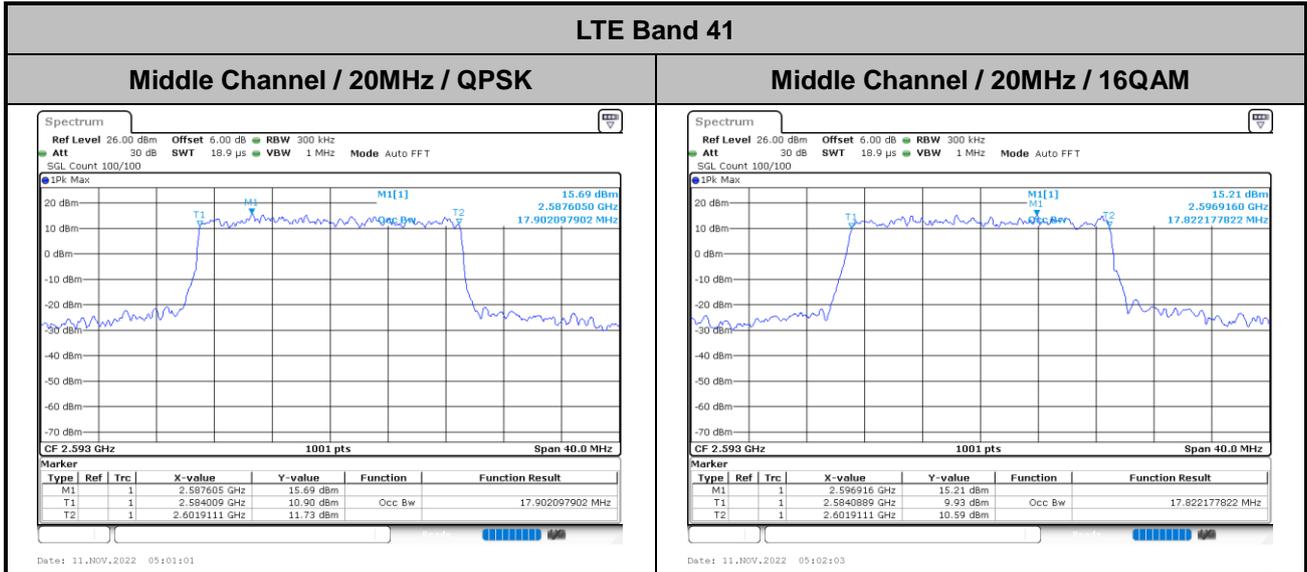
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.30	19.18





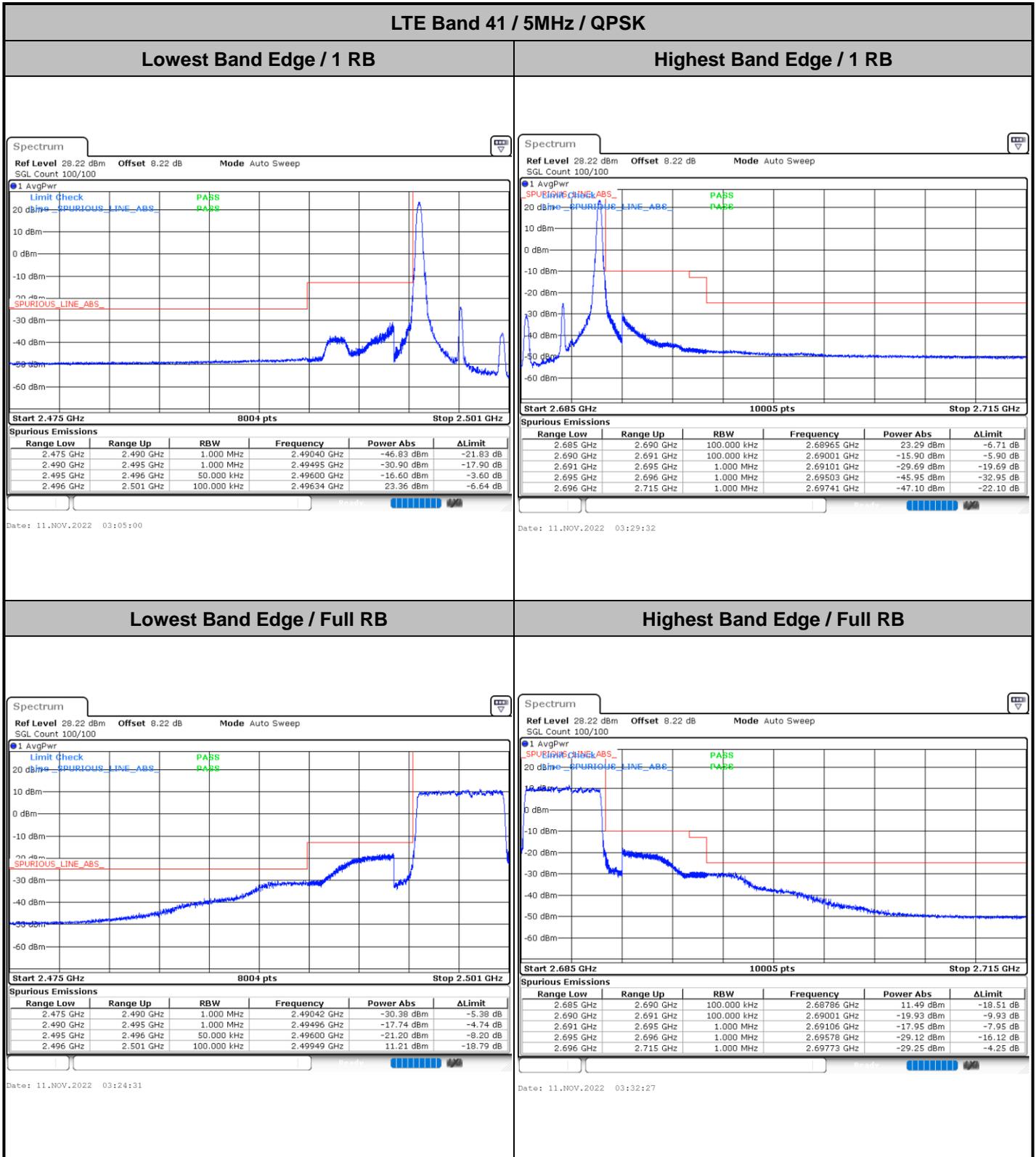
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.82





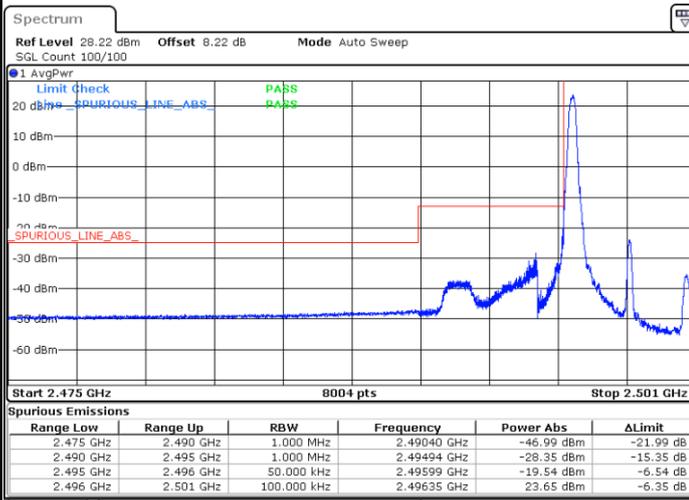
Conducted Band Edge





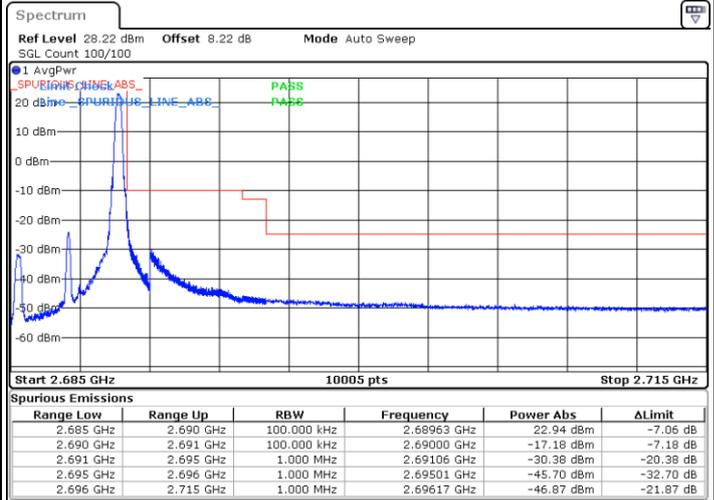
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



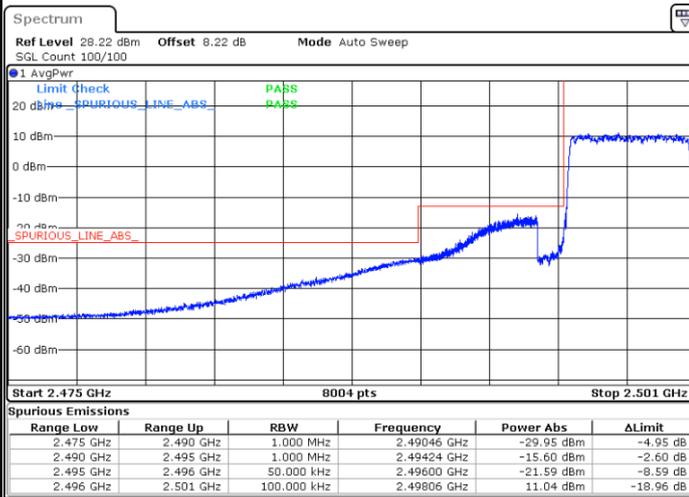
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Highest Band Edge / 1 RB



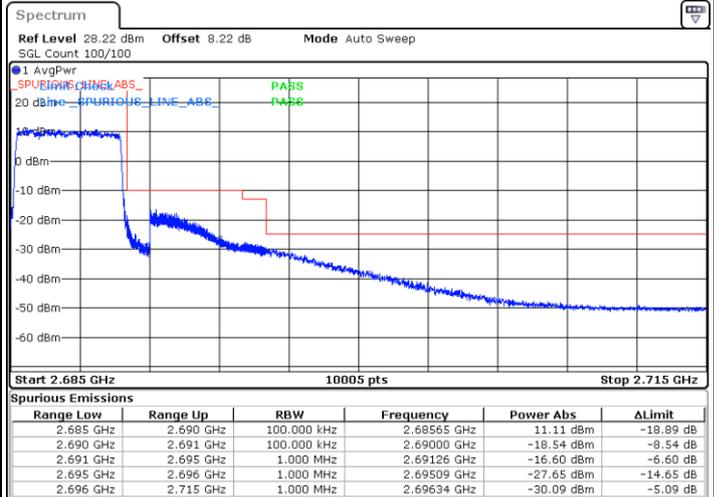
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Lowest Band Edge / Full RB



Date: 11.NOV.2022 03:24:13

Highest Band Edge / Full RB



Date: 11.NOV.2022 03:32:08



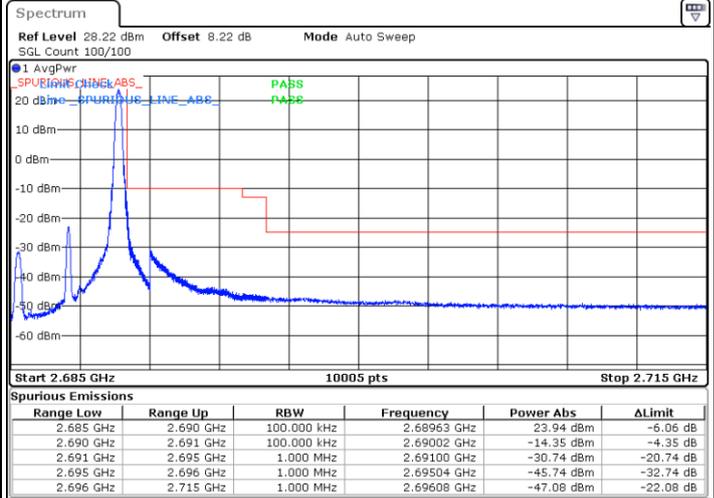
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



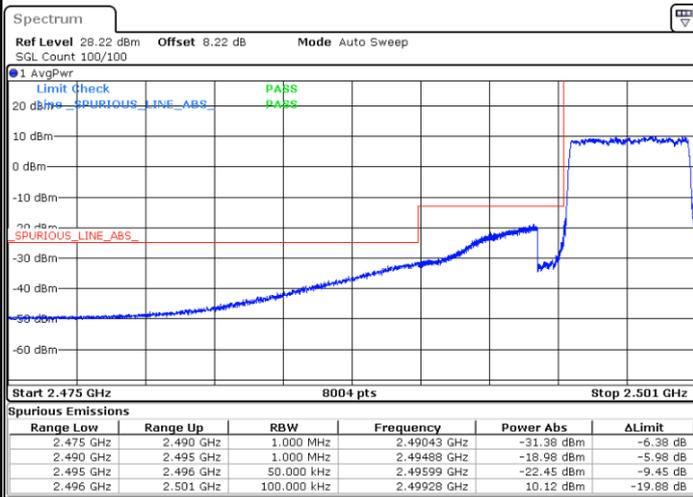
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Highest Band Edge / 1 RB



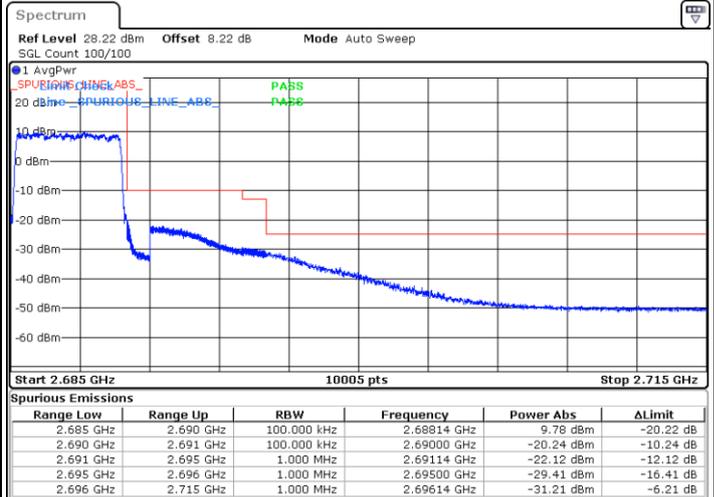
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Lowest Band Edge / Full RB



Date: 11.NOV.2022 03:23:56

Highest Band Edge / Full RB

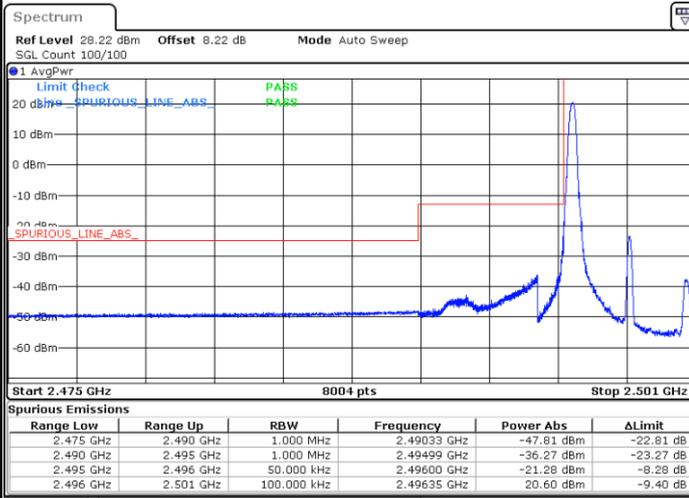


Date: 11.NOV.2022 03:31:43



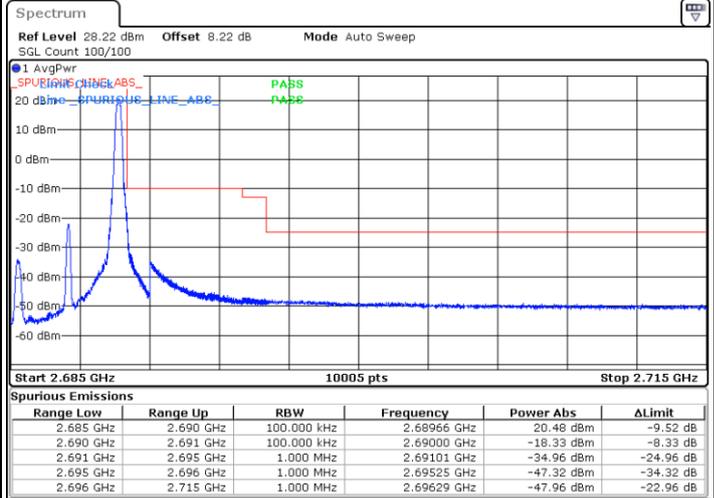
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



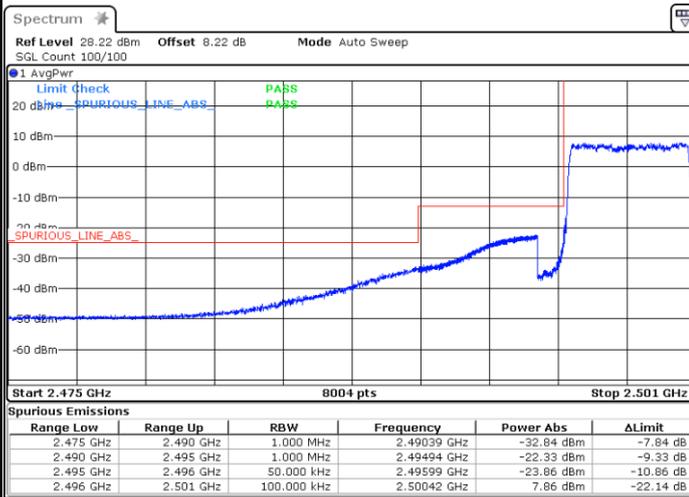
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Highest Band Edge / 1 RB



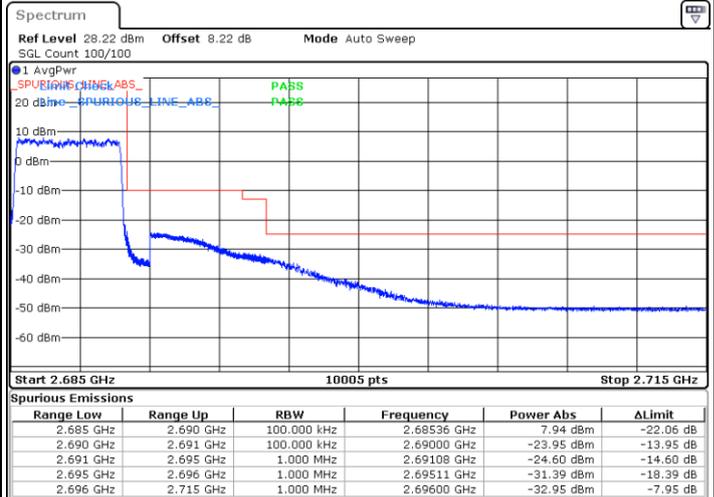
Date: 11.NOV.2022 03:30:52

Lowest Band Edge / Full RB



Date: 11.NOV.2022 03:23:33

Highest Band Edge / Full RB



Date: 11.NOV.2022 03:31:22