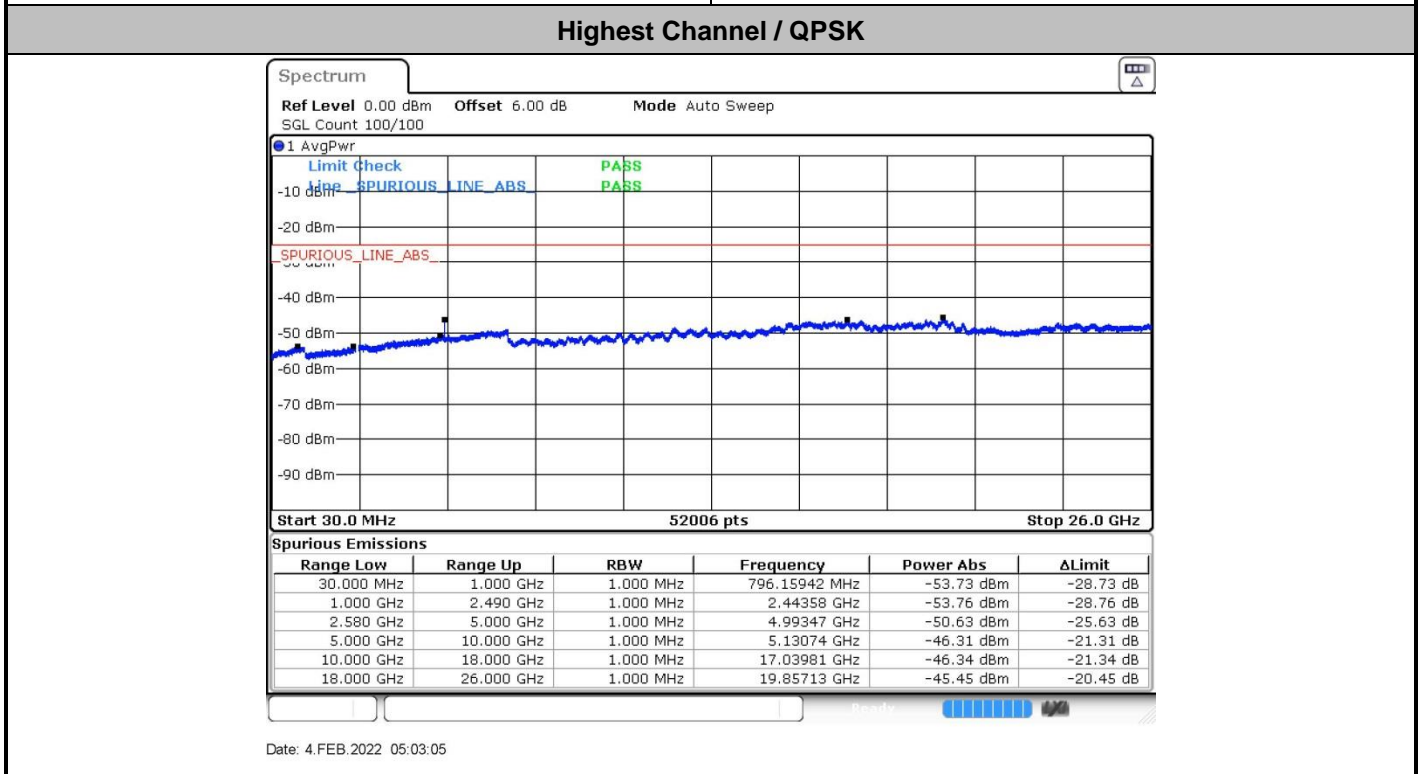
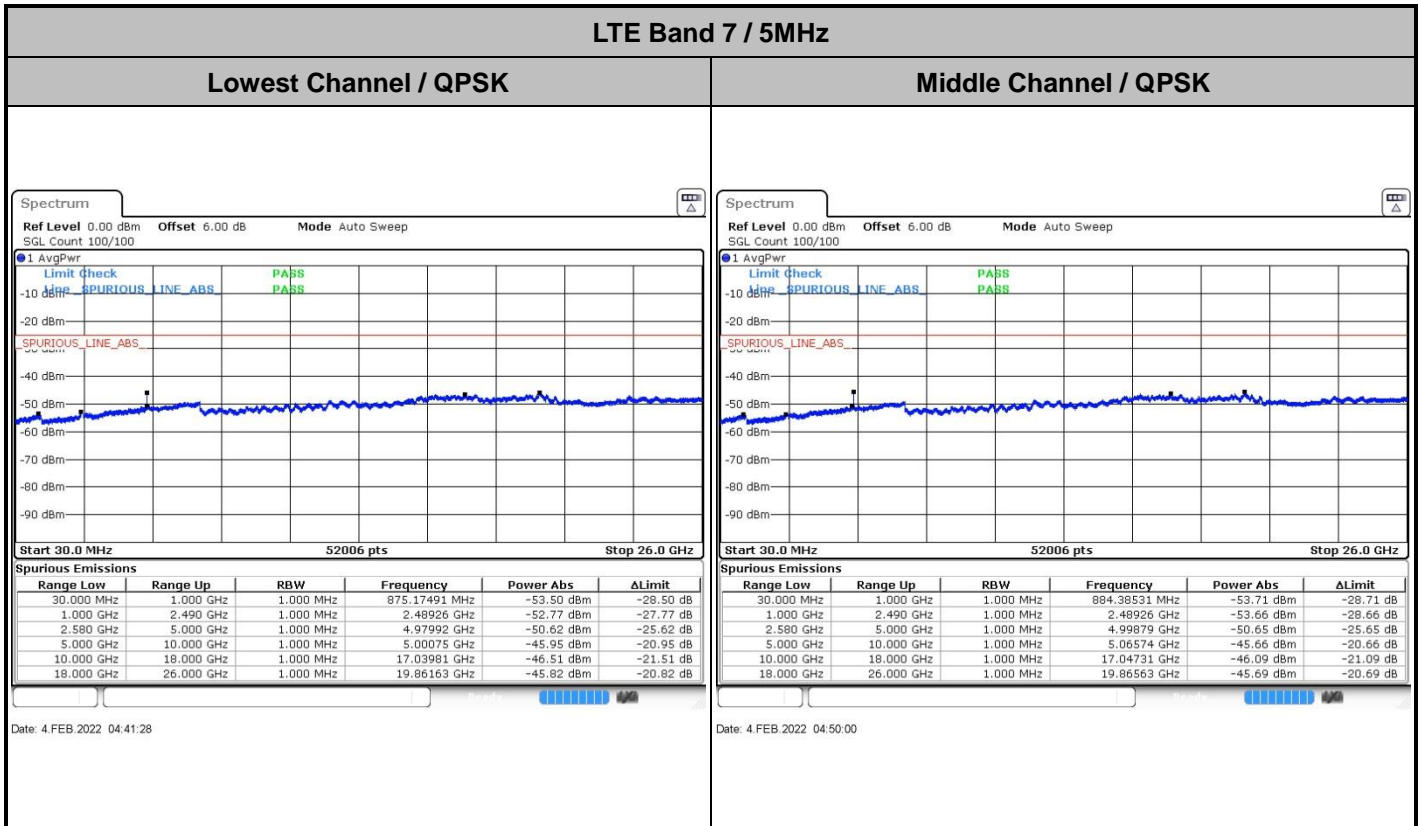




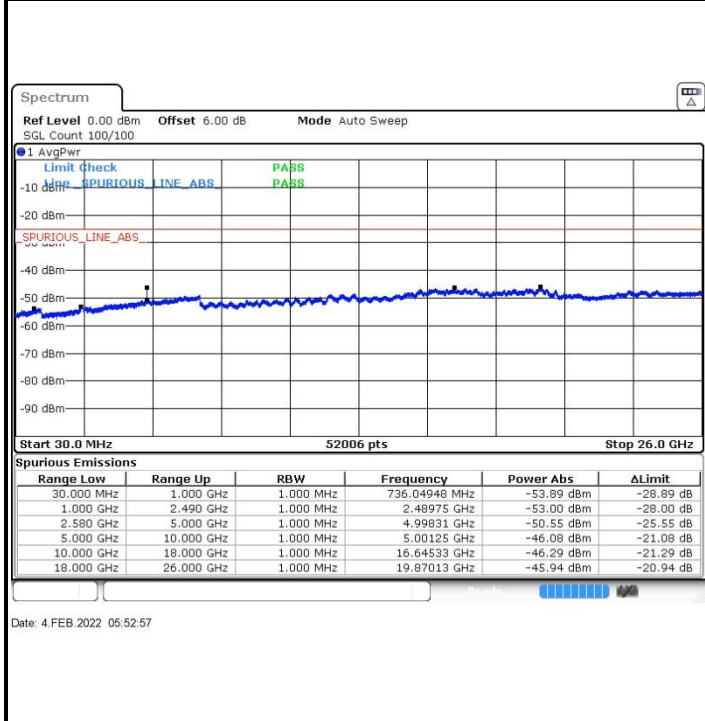
Conducted Spurious Emission



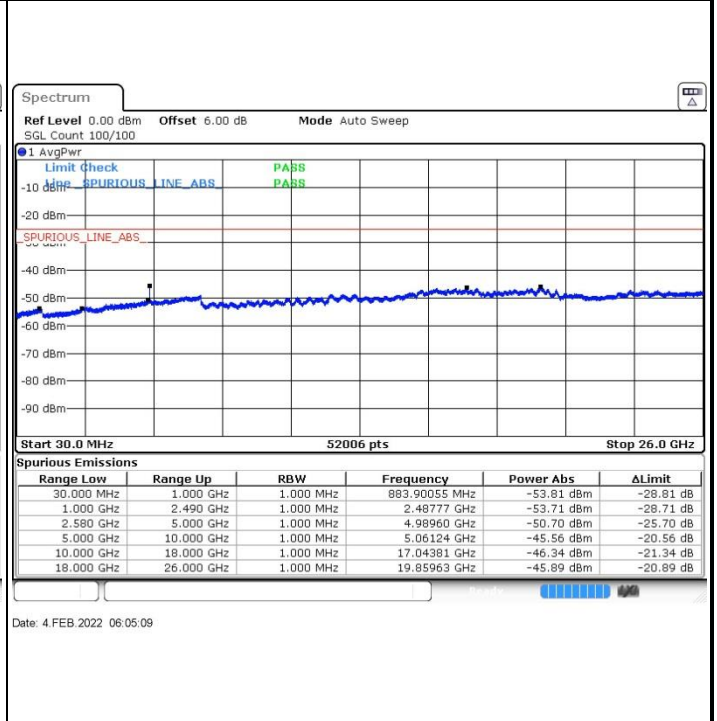


LTE Band 7 / 10MHz

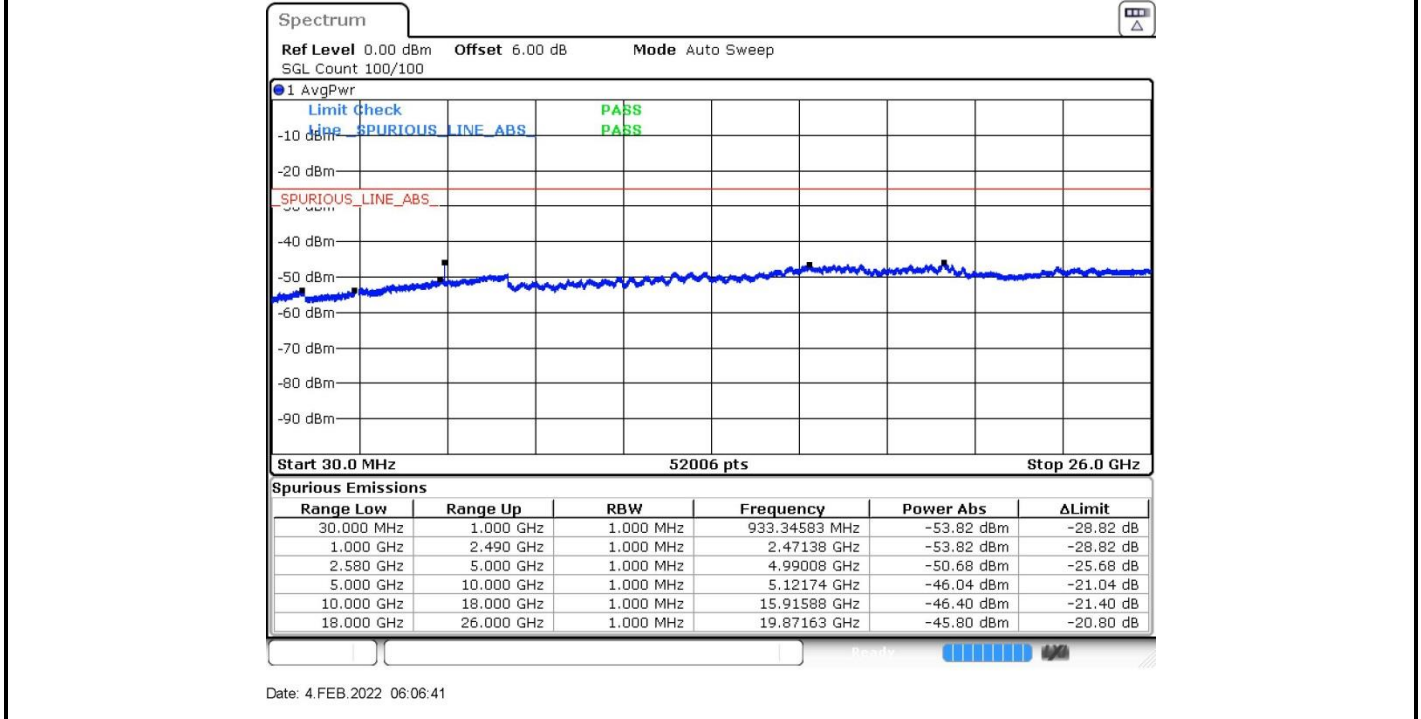
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

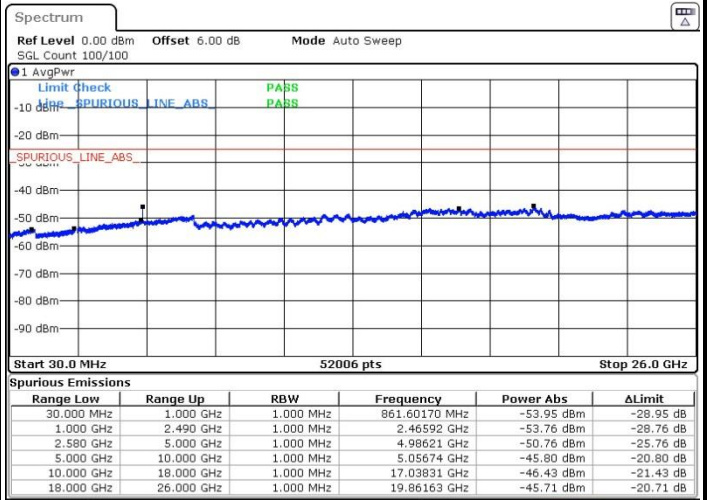
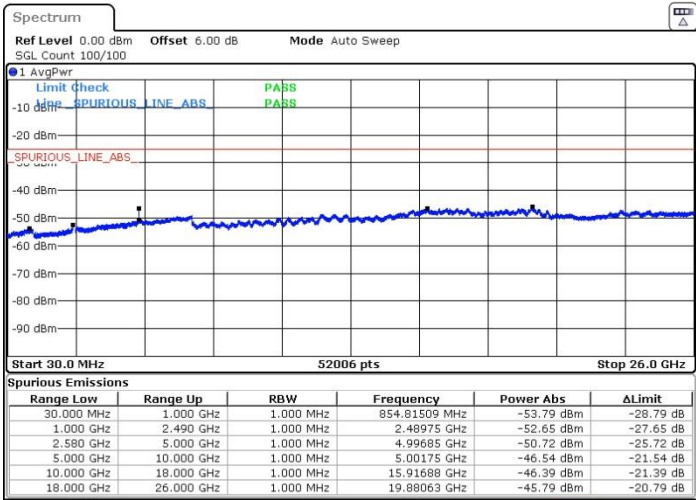




LTE Band 7 / 15MHz

Lowest Channel / QPSK

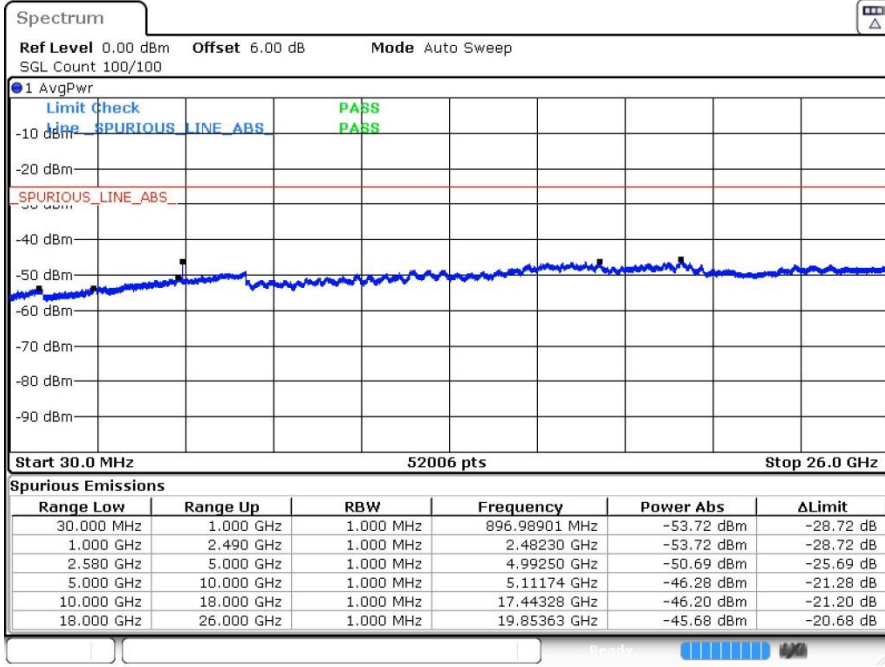
Middle Channel / QPSK



Date: 4.FEB.2022 06:16:18

Date: 4.FEB.2022 06:21:20

Highest Channel / QPSK



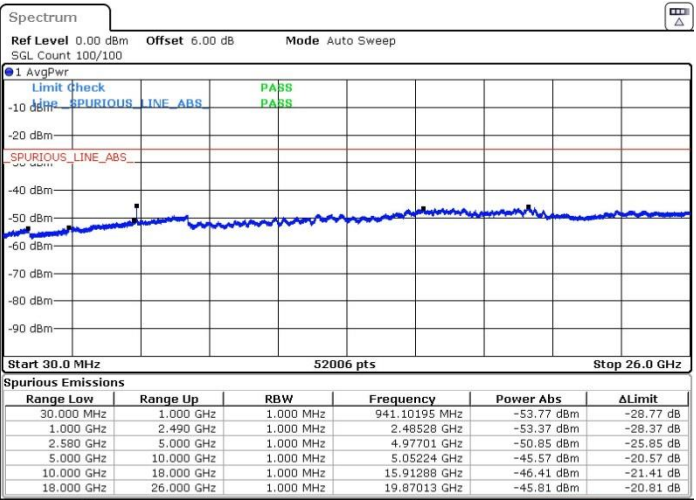
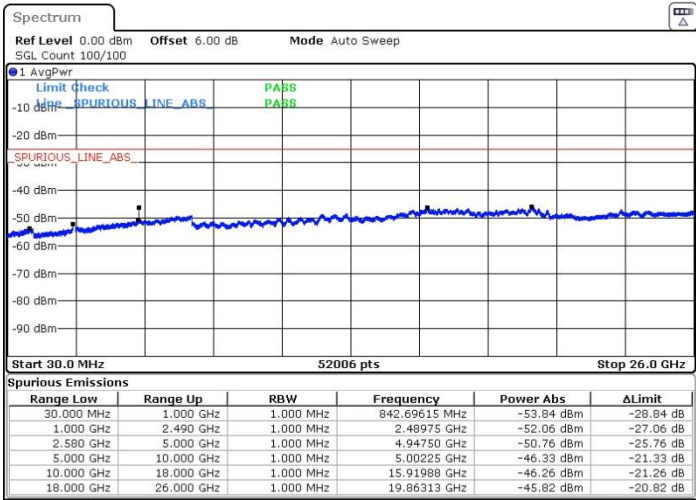
Date: 4.FEB.2022 06:24:37



LTE Band 7 / 20MHz

Lowest Channel / QPSK

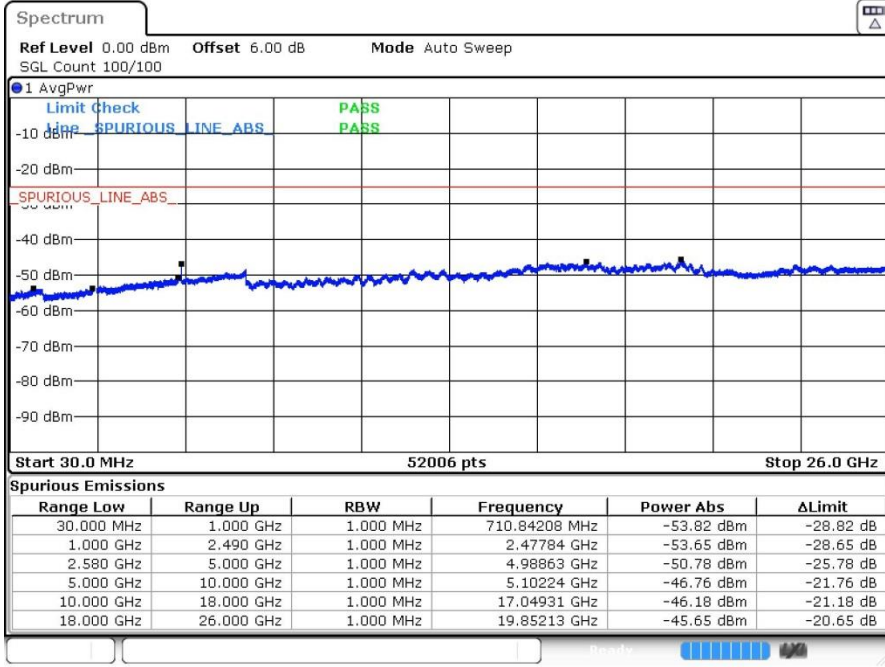
Middle Channel / QPSK



Date: 4.FEB.2022 06:35:39

Date: 4.FEB.2022 06:40:34

Highest Channel / QPSK



Date: 4.FEB.2022 06:42:05



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	0.0012	PASS
40	Normal Voltage	0.0031	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0033	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0041	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0025	
20	Battery End Point	0.0005	

Note:

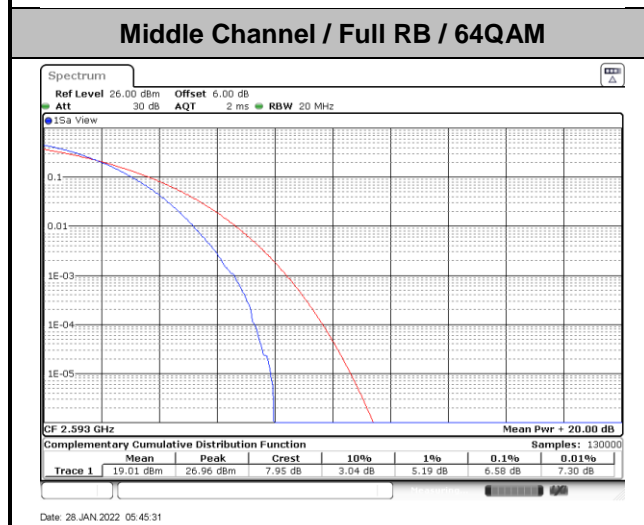
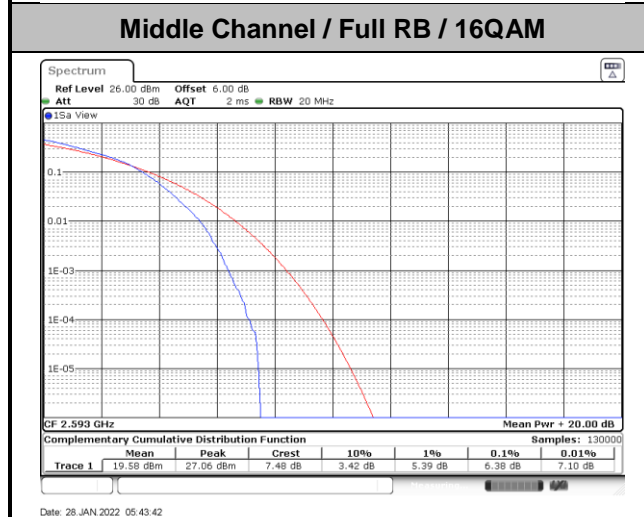
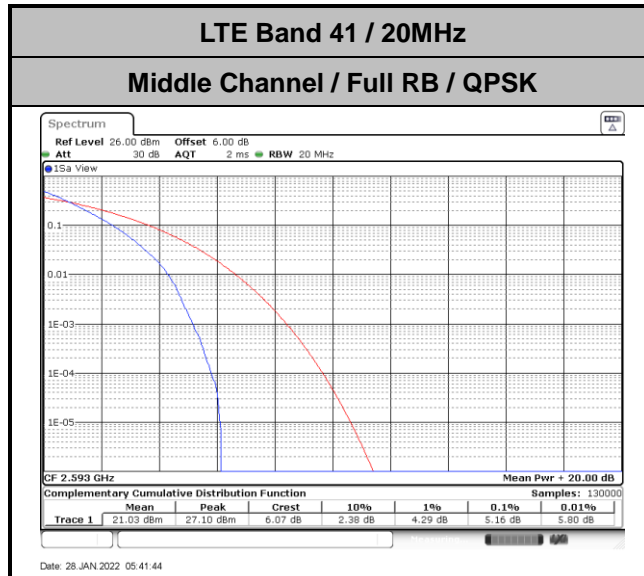
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

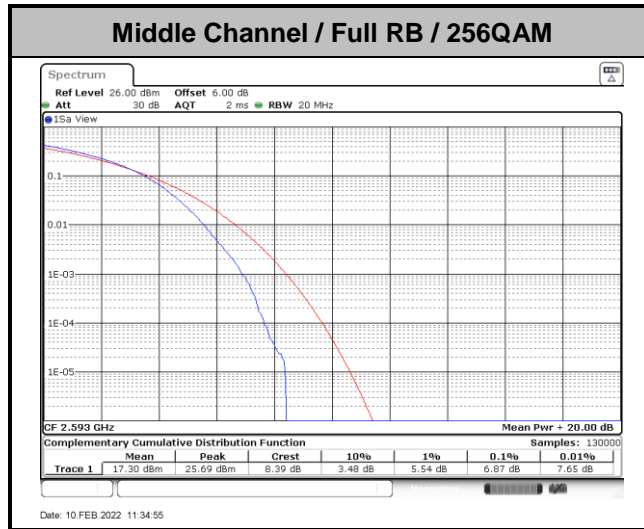


LTE Band 41

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	5.16	6.38	6.58	6.87	PASS

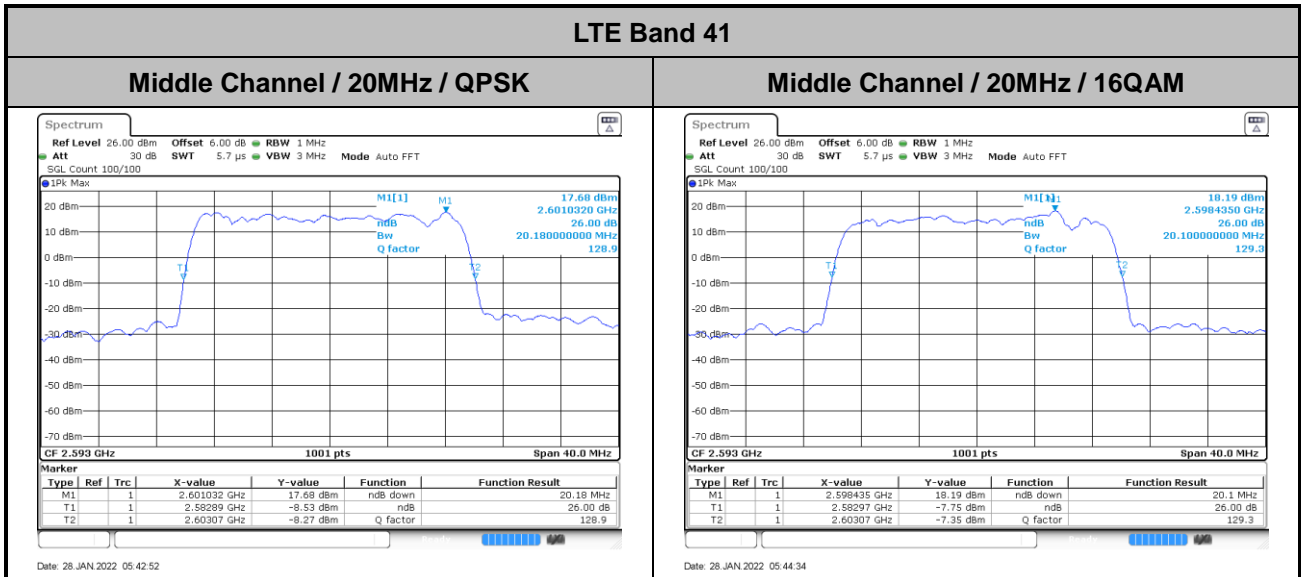






26dB Bandwidth

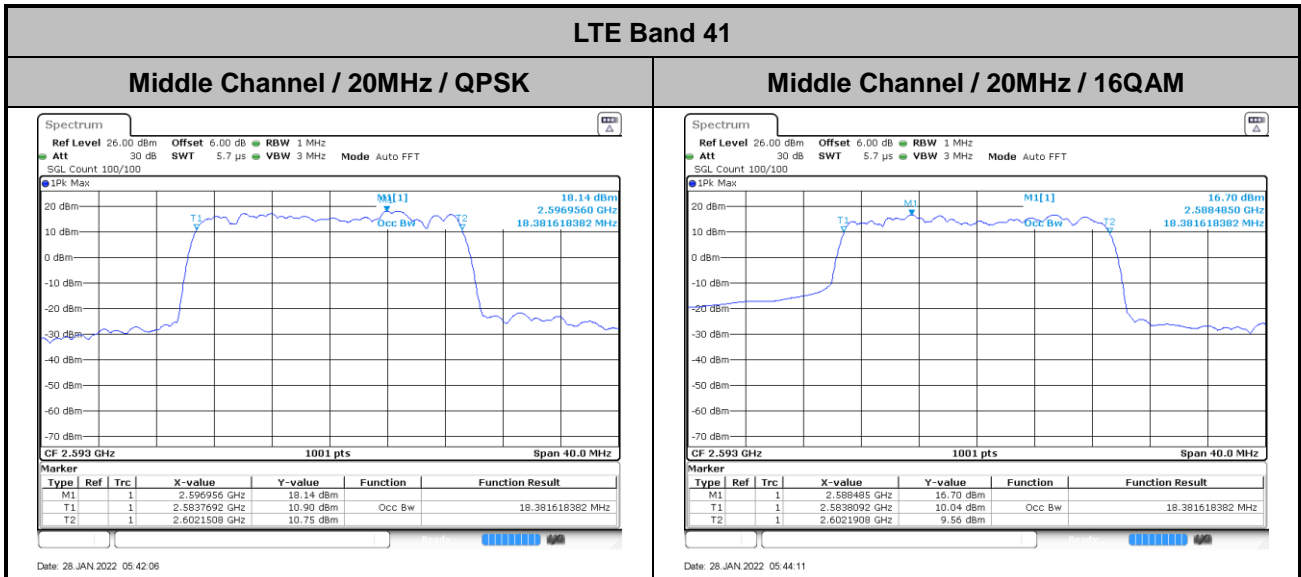
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.18	20.10





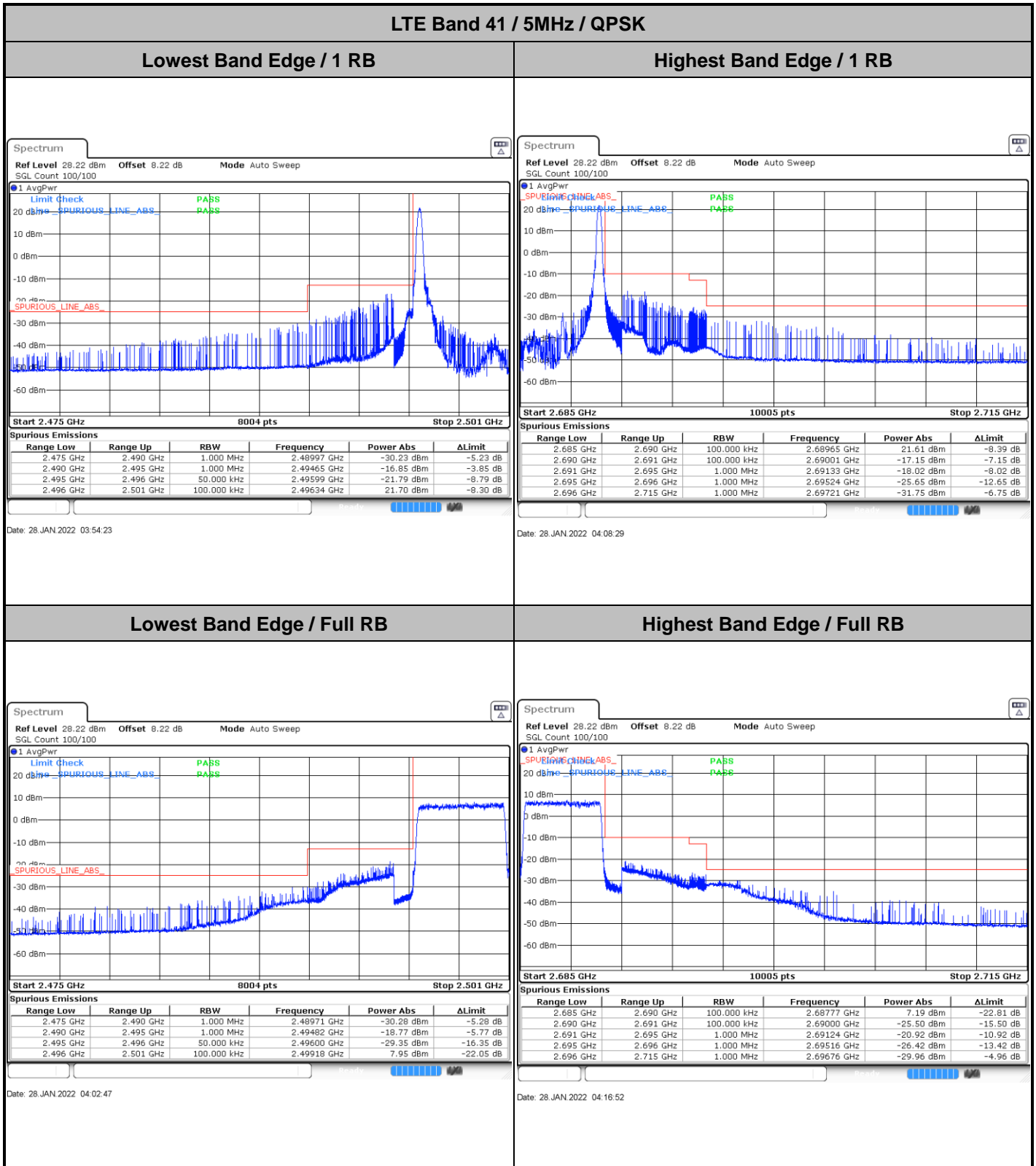
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.38	18.38





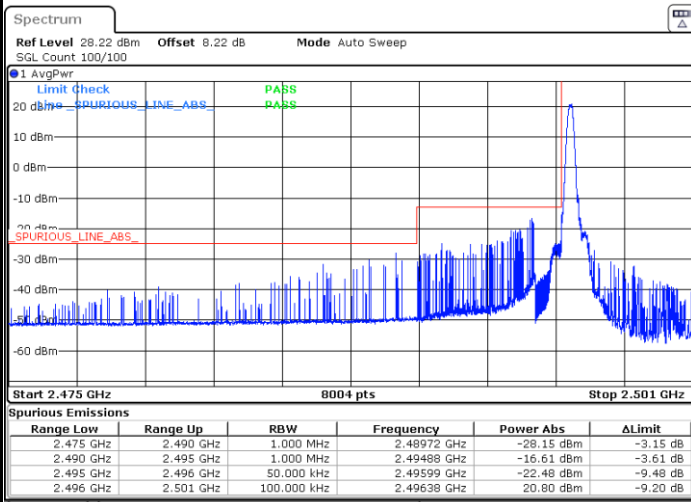
Conducted Band Edge





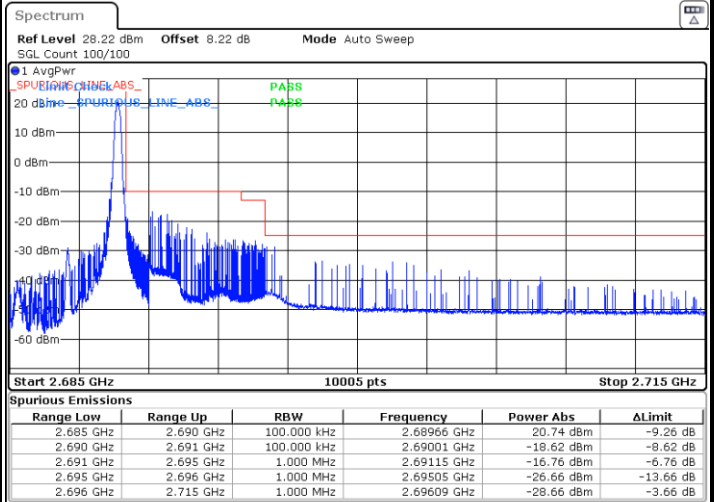
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



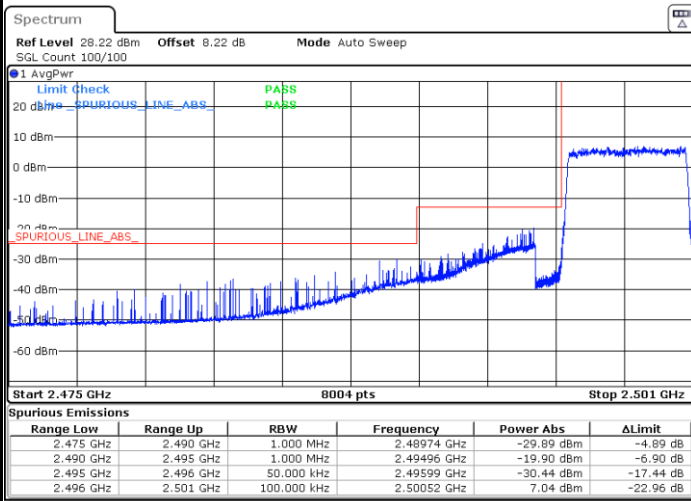
Date: 28 JAN 2022 03:56:04

Highest Band Edge / 1 RB



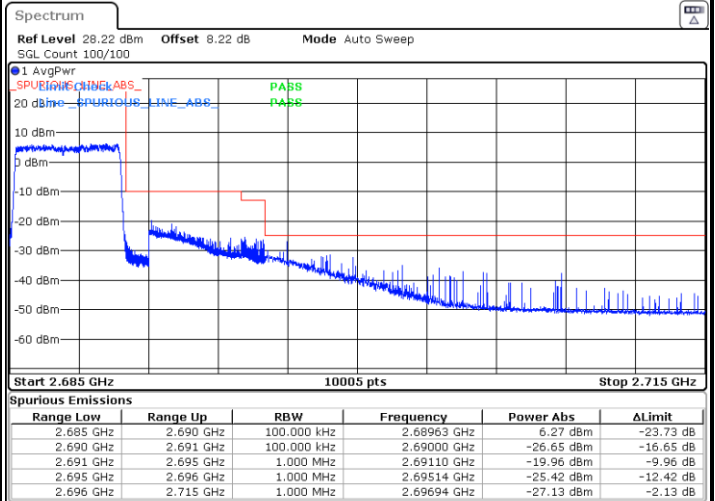
Date: 28 JAN 2022 04:10:10

Lowest Band Edge / Full RB



Date: 28 JAN 2022 04:01:06

Highest Band Edge / Full RB

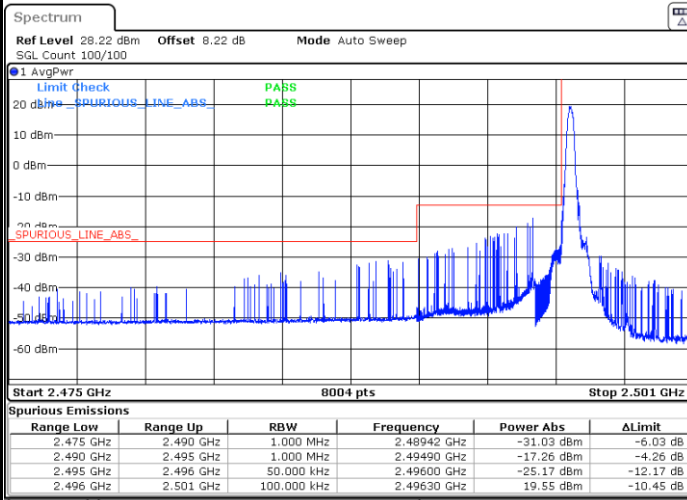


Date: 28 JAN 2022 04:15:12



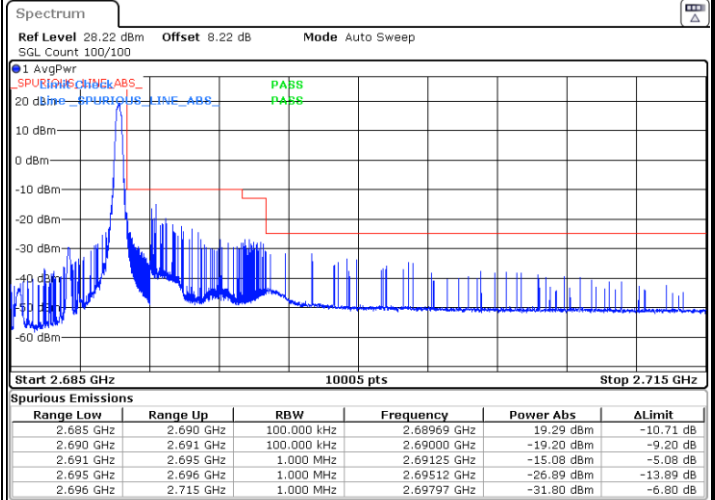
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



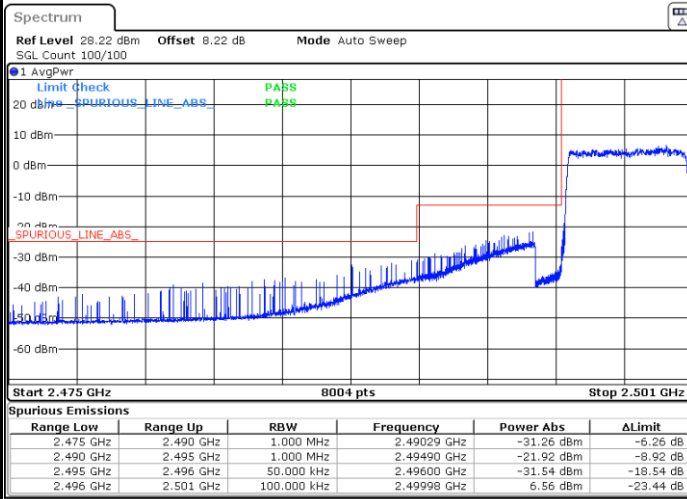
Date: 28 JAN 2022 03:57:44

Highest Band Edge / 1 RB



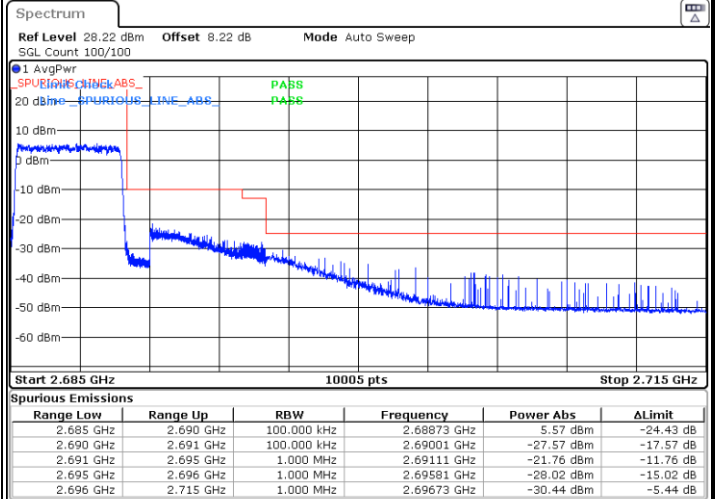
Date: 28 JAN 2022 04:11:50

Lowest Band Edge / Full RB



Date: 28 JAN 2022 03:59:26

Highest Band Edge / Full RB

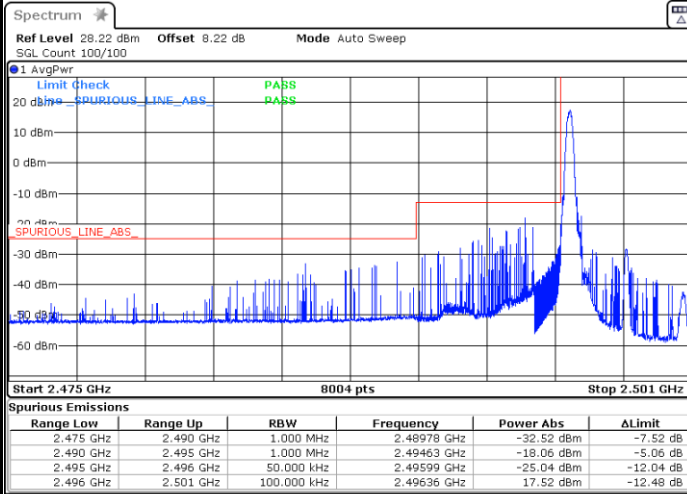


Date: 28 JAN 2022 04:13:31



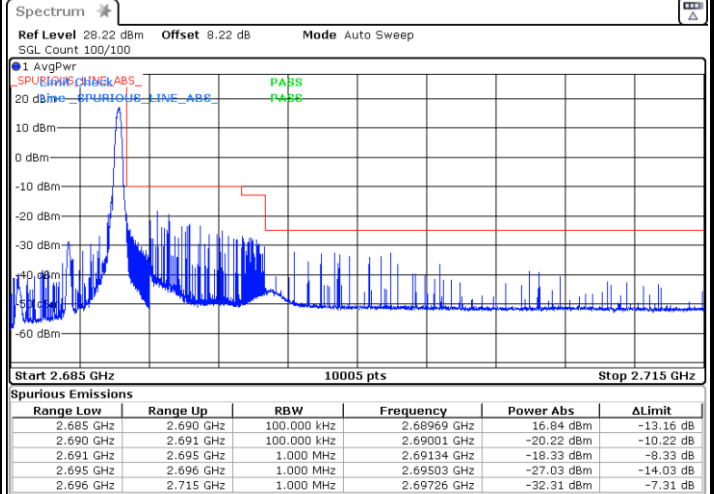
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



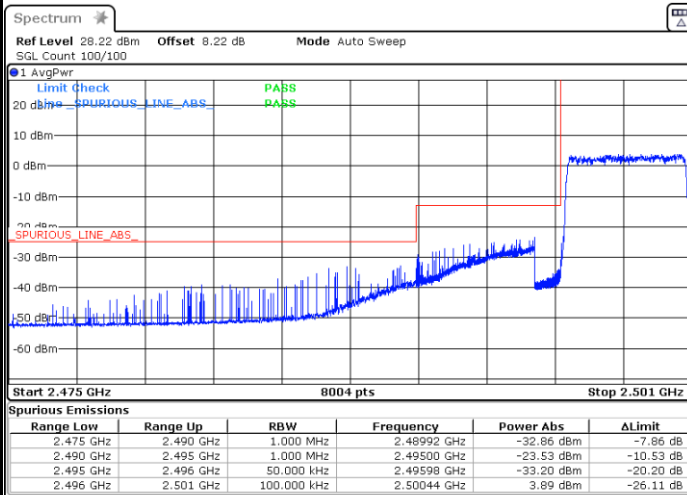
Date: 10.FEB.2022 10:25:29

Highest Band Edge / 1 RB



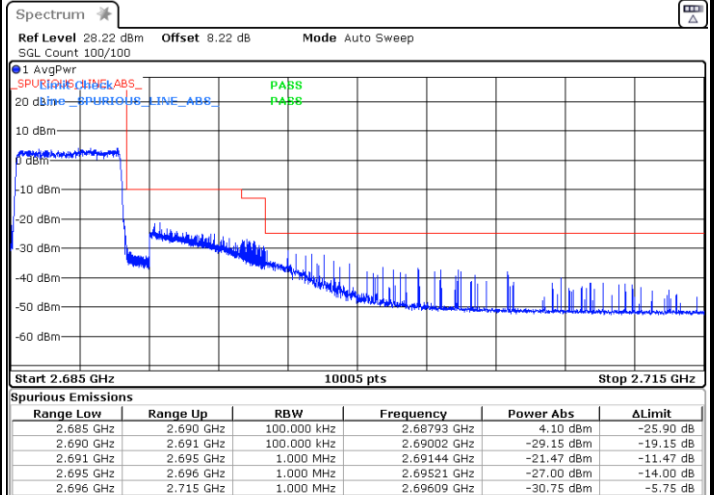
Date: 10.FEB.2022 10:26:35

Lowest Band Edge / Full RB



Date: 10.FEB.2022 10:24:12

Highest Band Edge / Full RB

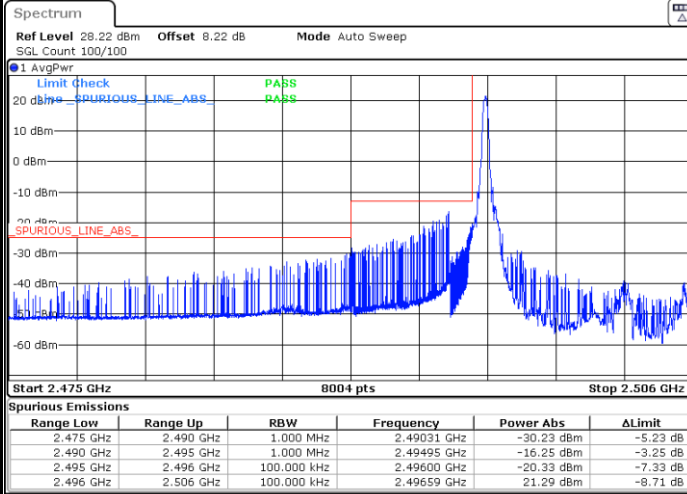


Date: 10.FEB.2022 10:27:54



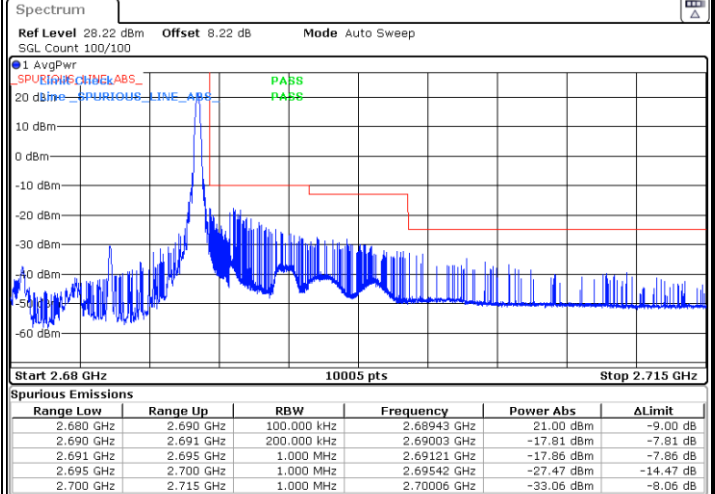
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



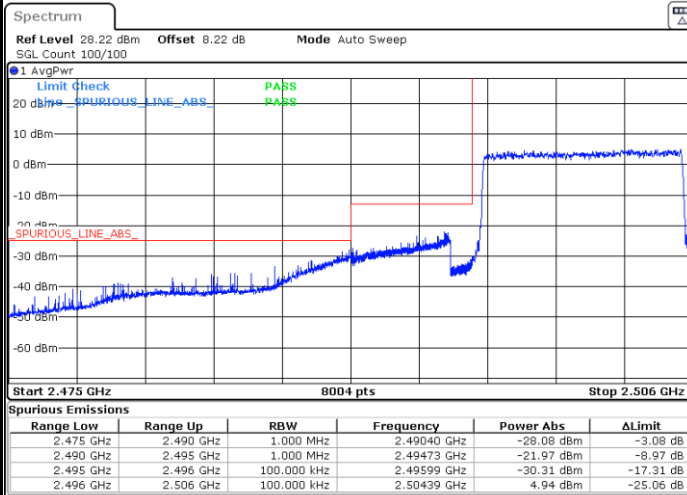
Date: 28 JAN 2022 04:20:36

Highest Band Edge / 1 RB



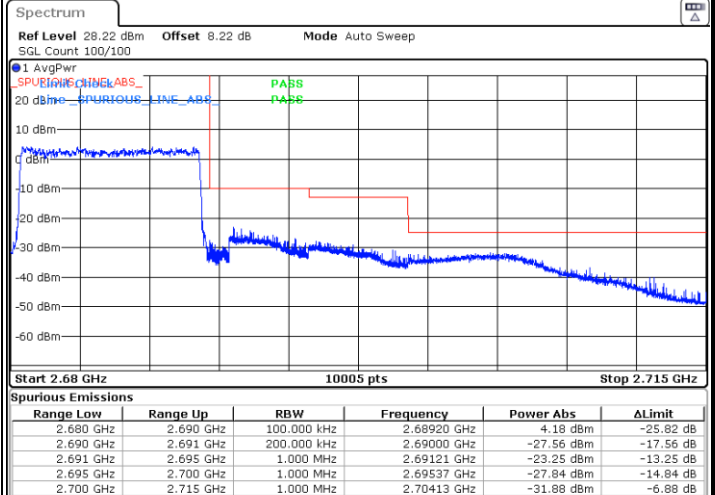
Date: 28 JAN 2022 04:34:43

Lowest Band Edge / Full RB



Date: 28 JAN 2022 04:29:01

Highest Band Edge / Full RB

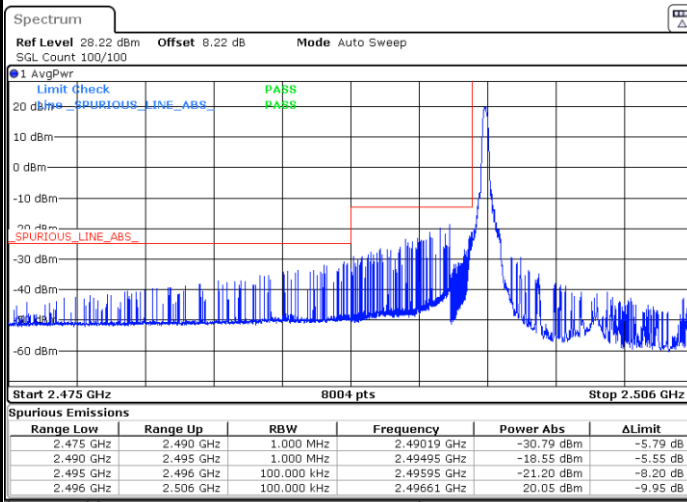


Date: 28 JAN 2022 04:43:06



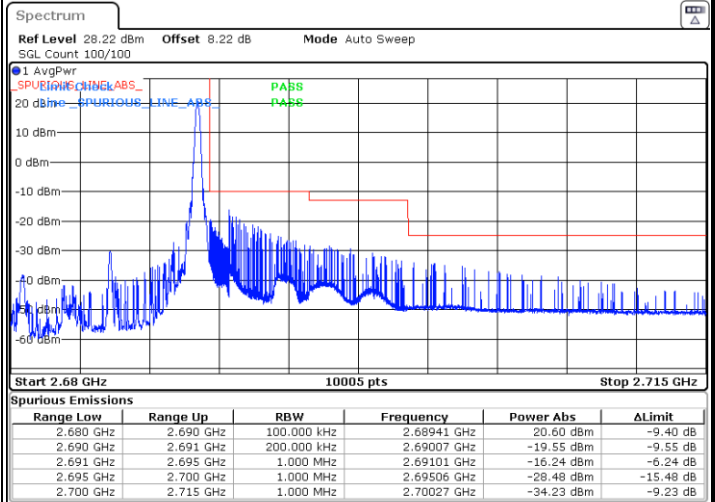
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



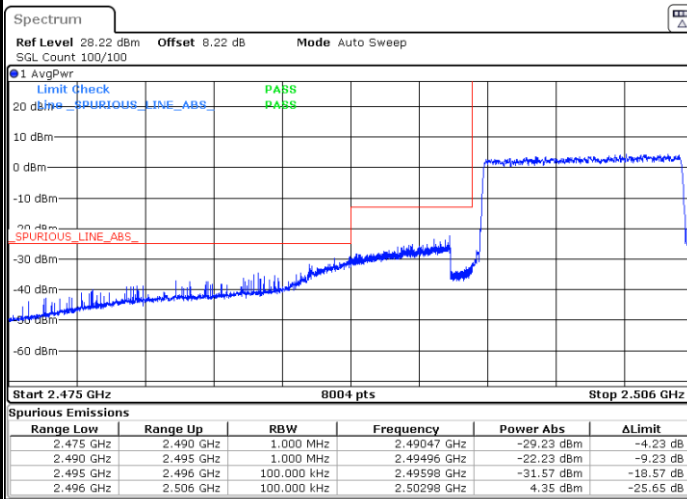
Date: 28. JAN 2022 04:22:17

Highest Band Edge / 1 RB



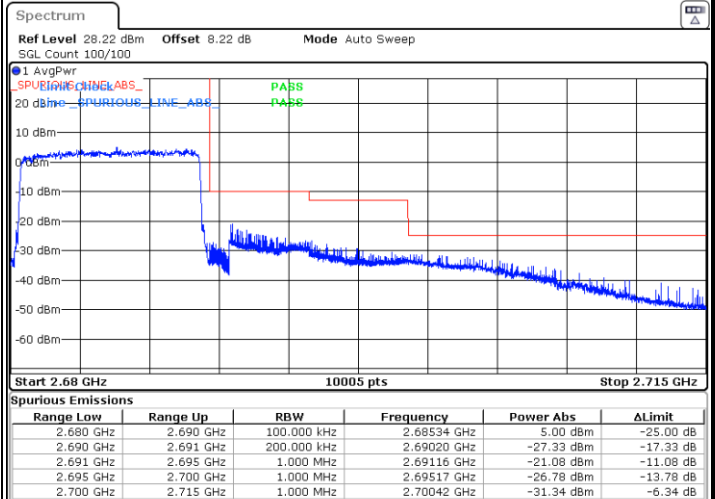
Date: 28. JAN 2022 04:36:24

Lowest Band Edge / Full RB



Date: 28. JAN 2022 04:27:20

Highest Band Edge / Full RB

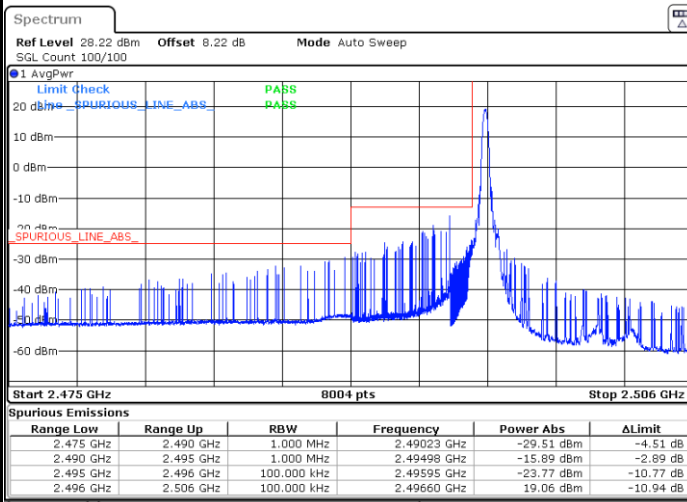


Date: 28. JAN 2022 04:41:25



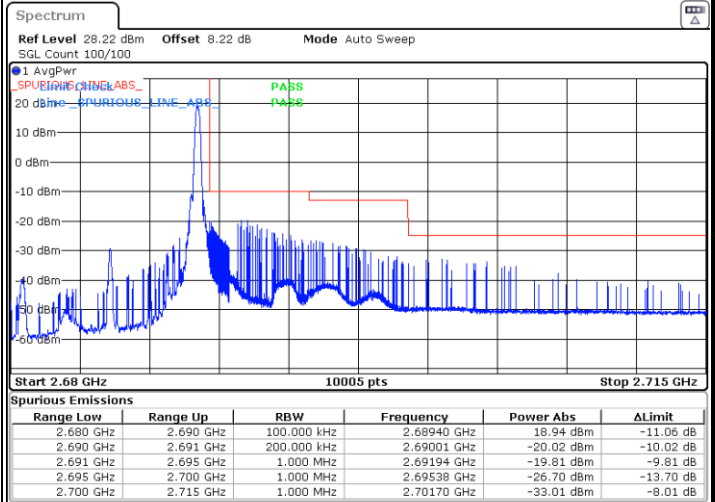
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



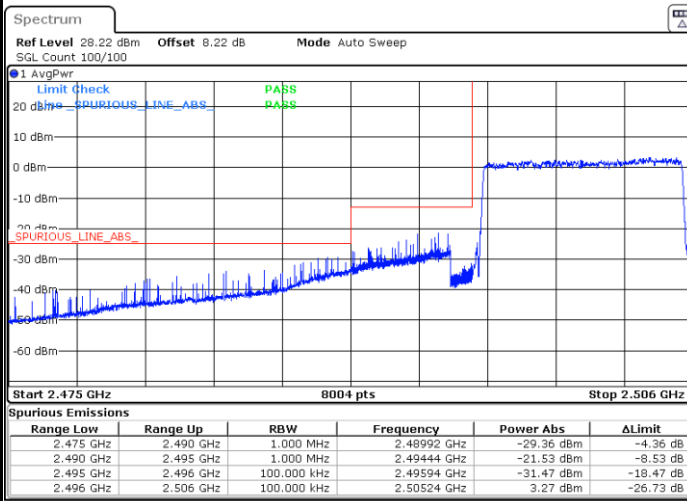
Date: 28 JAN 2022 04:23:58

Highest Band Edge / 1 RB



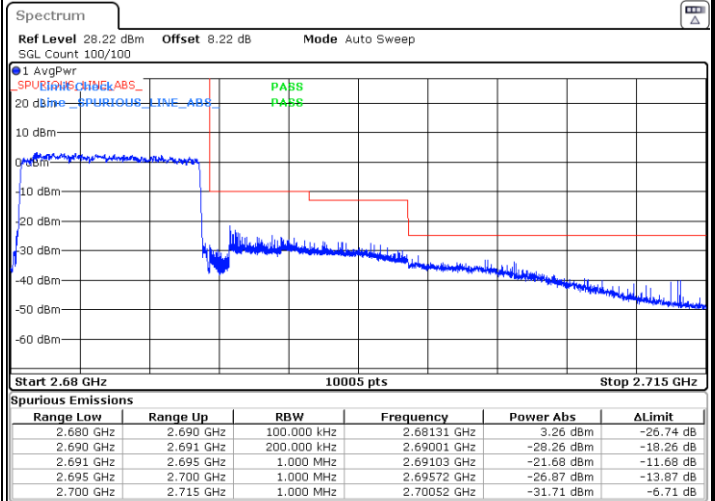
Date: 28 JAN 2022 04:38:04

Lowest Band Edge / Full RB



Date: 28 JAN 2022 04:25:39

Highest Band Edge / Full RB

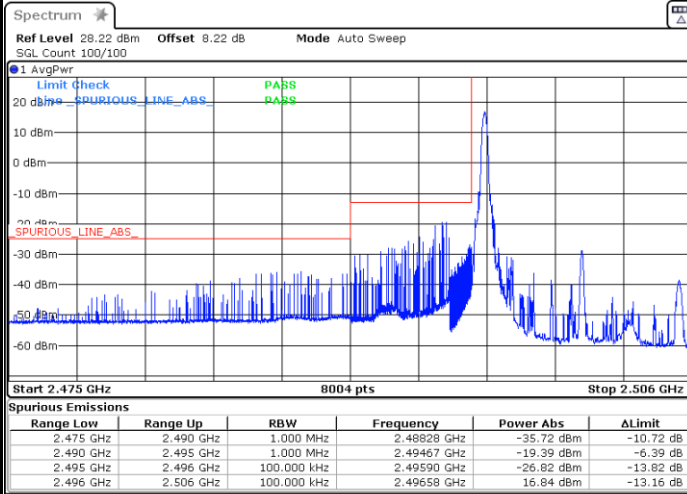


Date: 28 JAN 2022 04:39:45



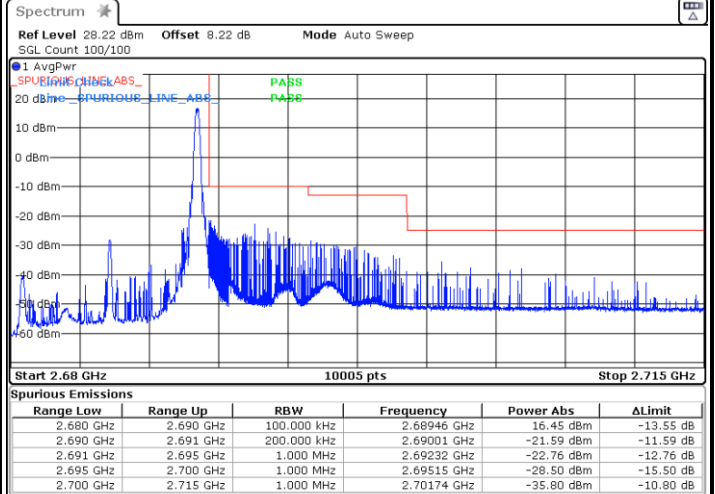
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



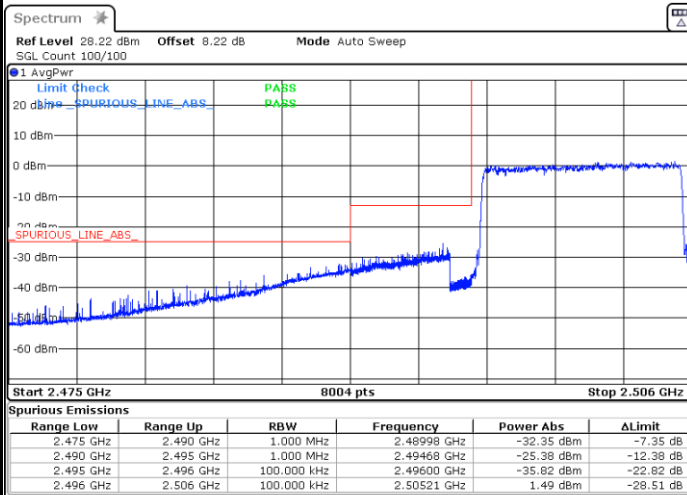
Date: 10.FEB.2022 10:49:38

Highest Band Edge / 1 RB



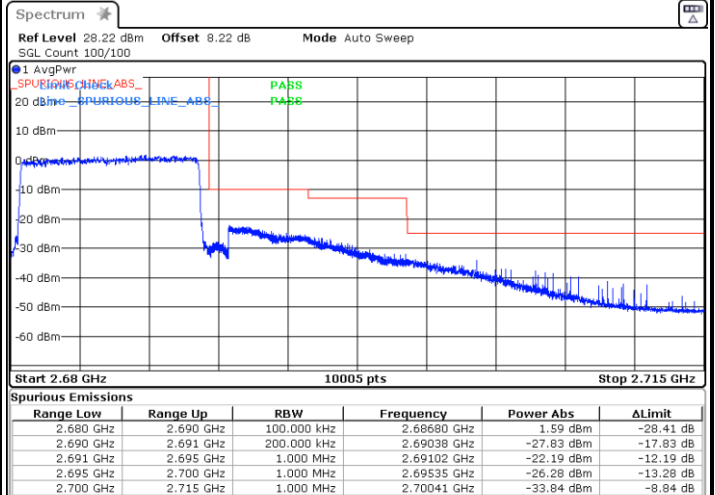
Date: 10.FEB.2022 10:52:23

Lowest Band Edge / Full RB



Date: 10.FEB.2022 10:49:07

Highest Band Edge / Full RB

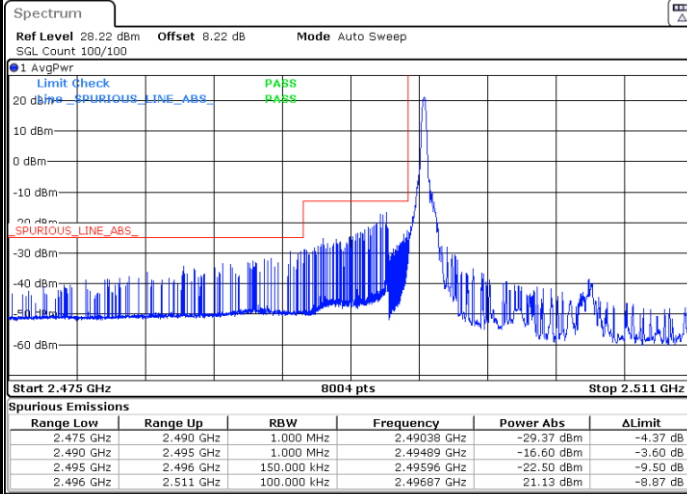


Date: 10.FEB.2022 10:53:19



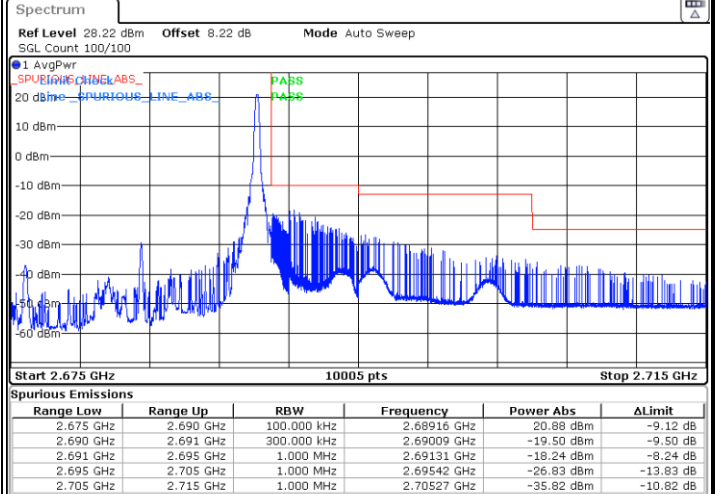
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



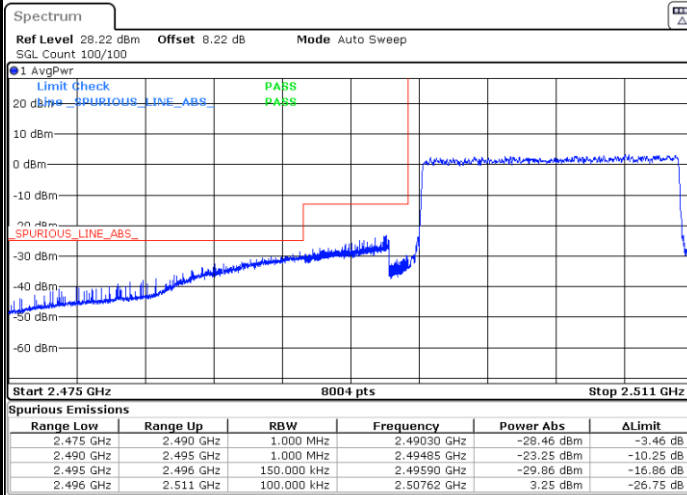
Date: 28 JAN 2022 04:46:49

Highest Band Edge / 1 RB



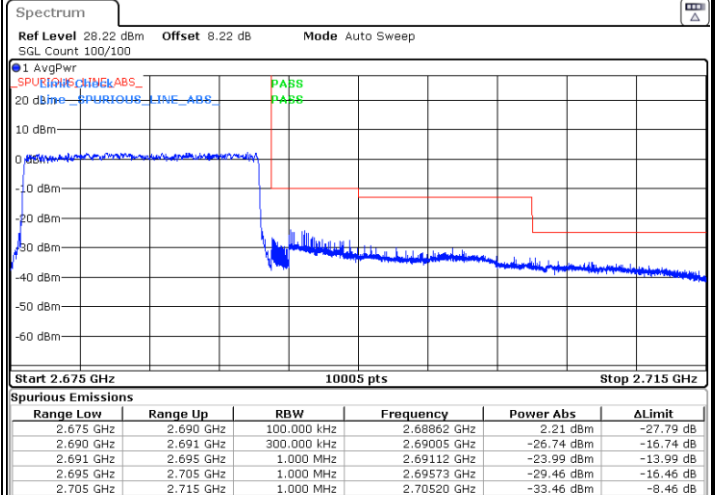
Date: 28 JAN 2022 05:00:56

Lowest Band Edge / Full RB



Date: 28 JAN 2022 04:55:15

Highest Band Edge / Full RB

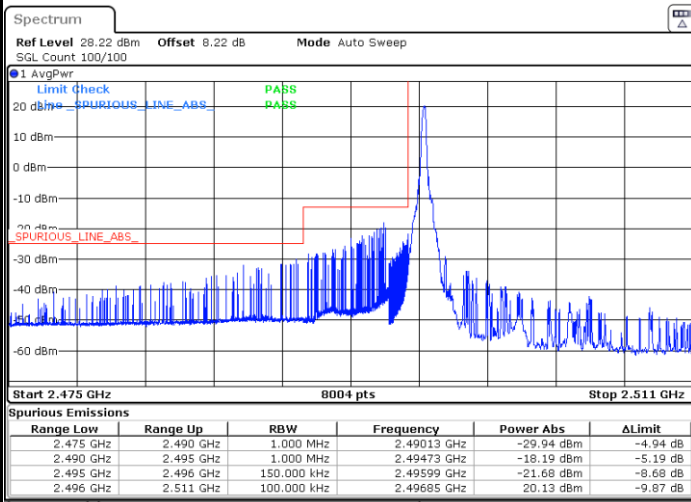


Date: 28 JAN 2022 05:09:20



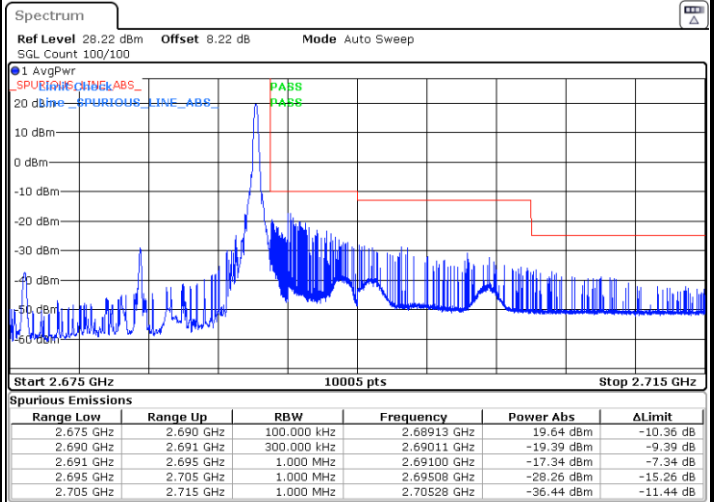
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



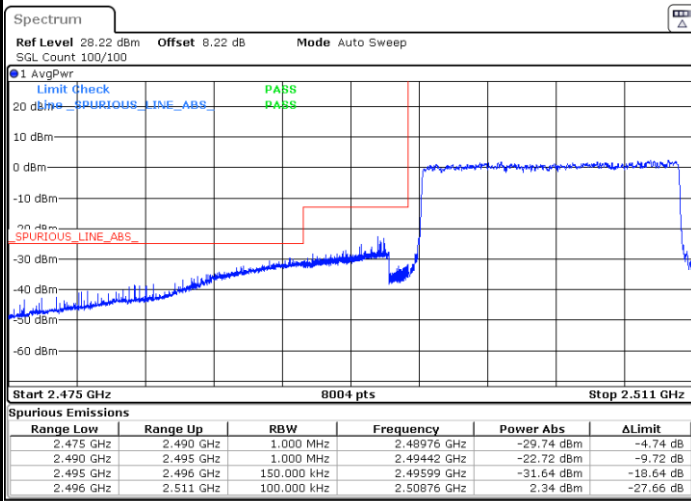
Date: 28. JAN 2022 04:48:30

Highest Band Edge / 1 RB



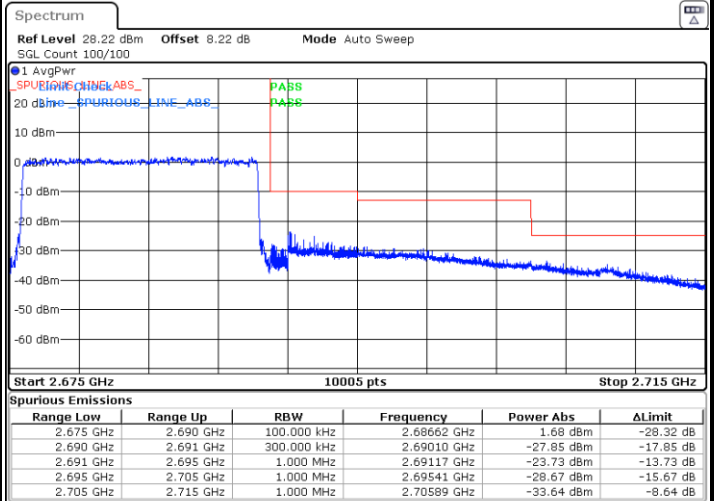
Date: 28. JAN 2022 05:02:37

Lowest Band Edge / Full RB



Date: 28. JAN 2022 04:53:34

Highest Band Edge / Full RB

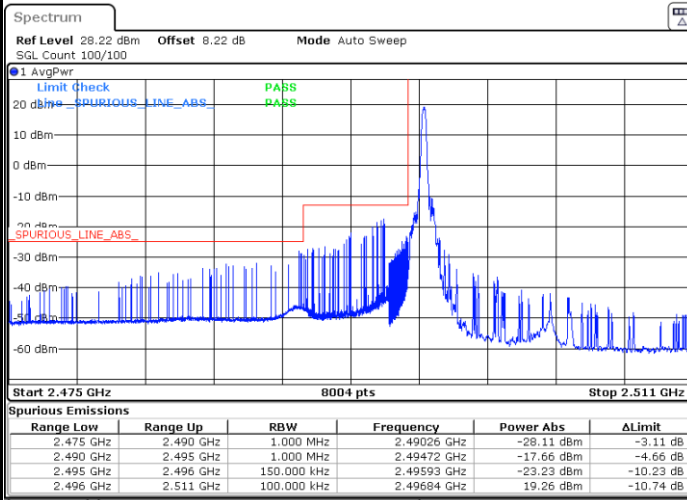


Date: 28. JAN 2022 05:07:39



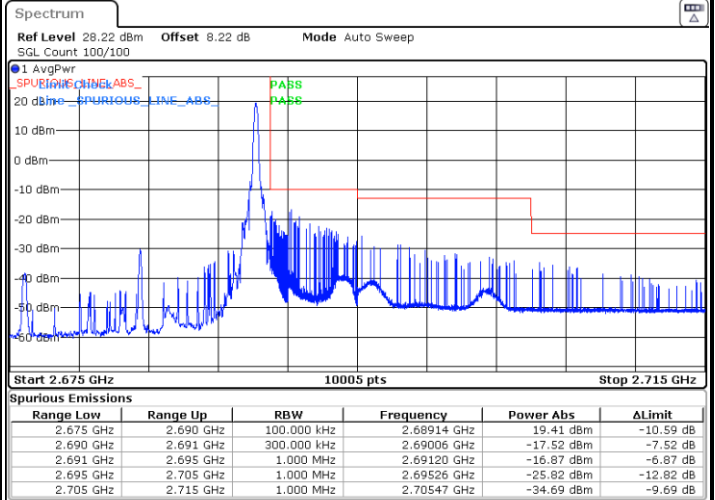
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



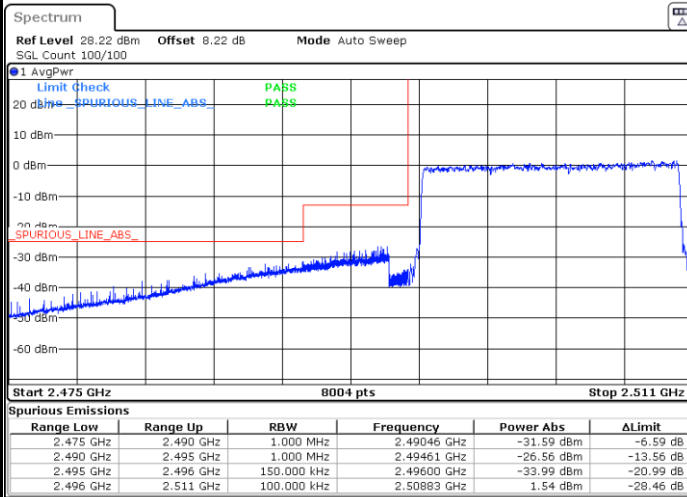
Date: 28. JAN 2022 04:50:11

Highest Band Edge / 1 RB



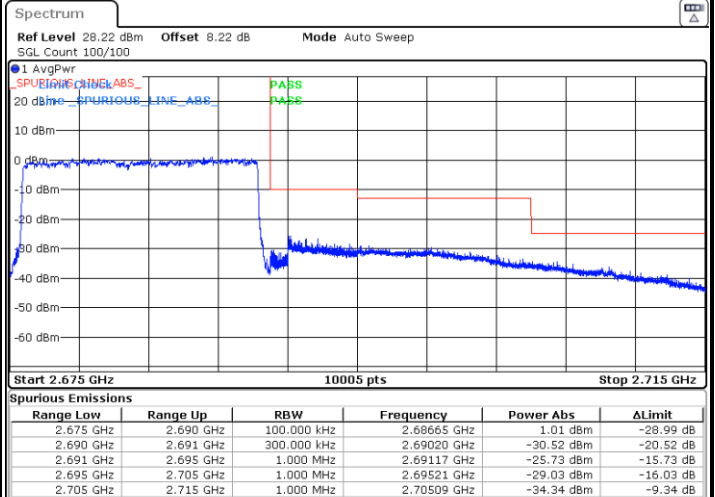
Date: 28. JAN 2022 05:04:18

Lowest Band Edge / Full RB



Date: 28. JAN 2022 04:51:52

Highest Band Edge / Full RB

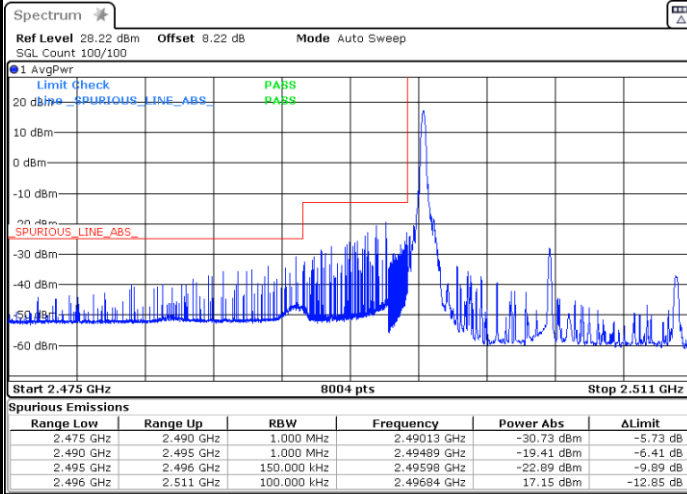


Date: 28. JAN 2022 05:05:59



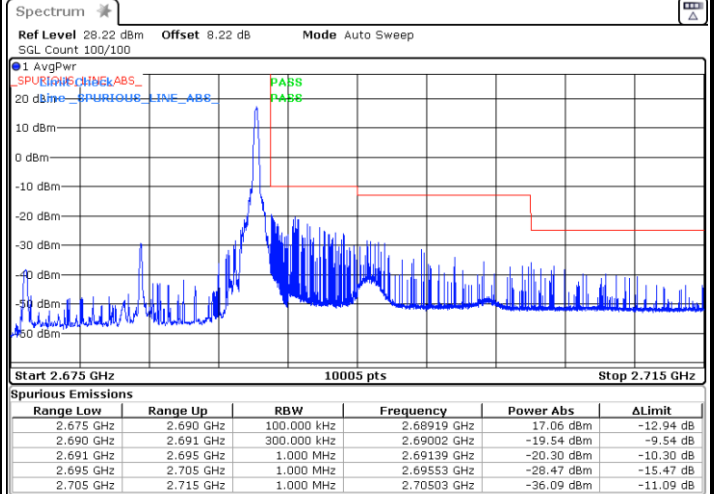
LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



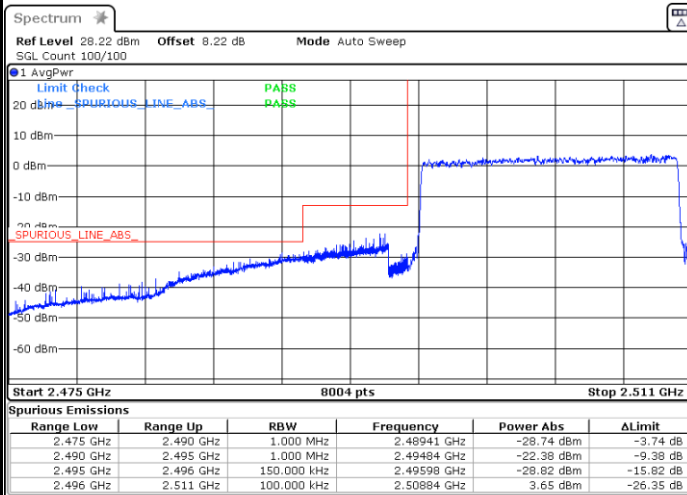
Date: 10.FEB.2022 11:02:43

Highest Band Edge / 1 RB



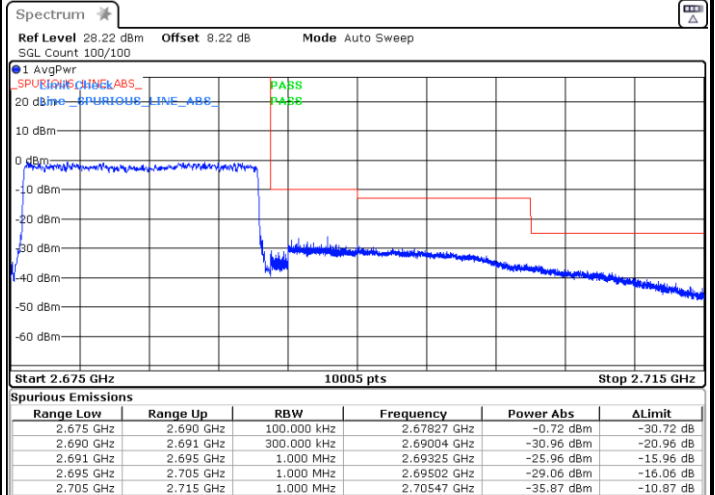
Date: 10.FEB.2022 11:14:39

Lowest Band Edge / Full RB



Date: 10.FEB.2022 10:54:11

Highest Band Edge / Full RB

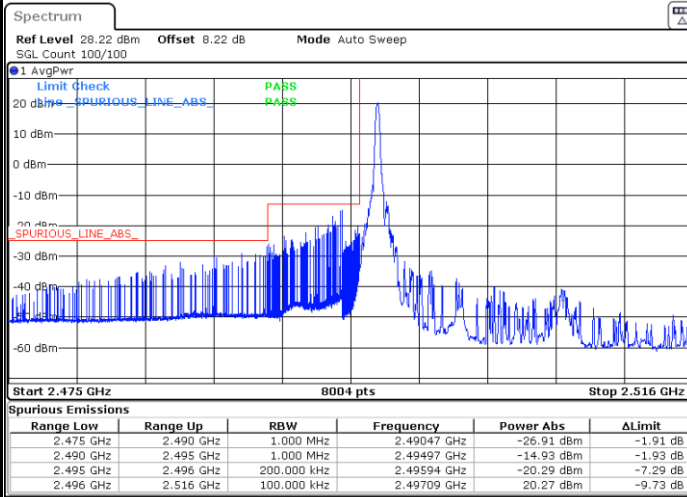


Date: 10.FEB.2022 11:16:17



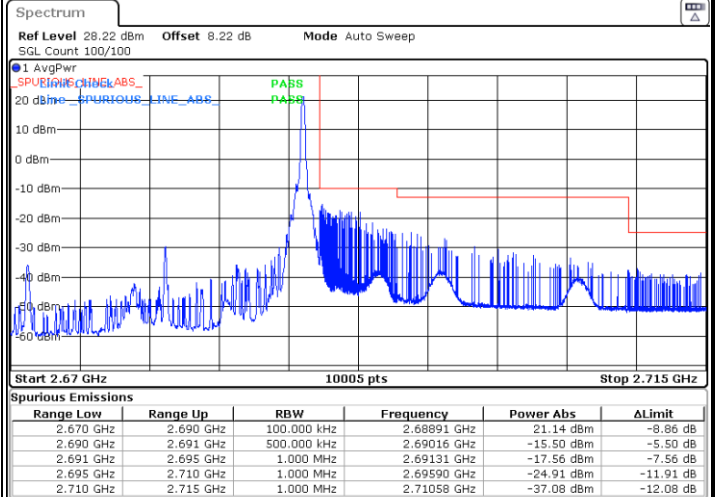
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



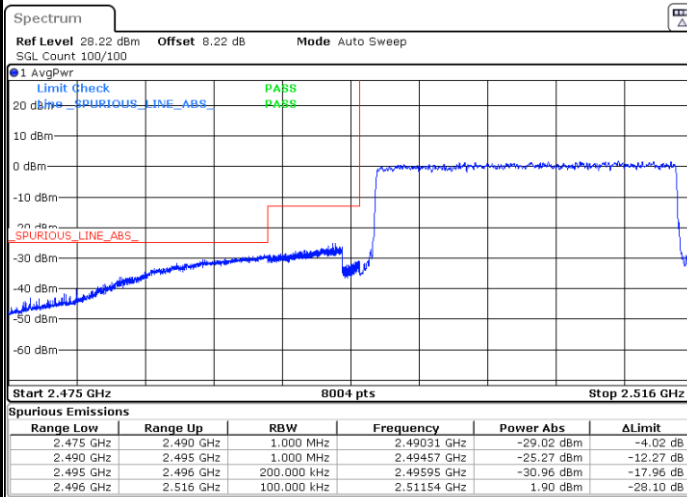
Date: 28 JAN 2022 05:13:04

Highest Band Edge / 1 RB



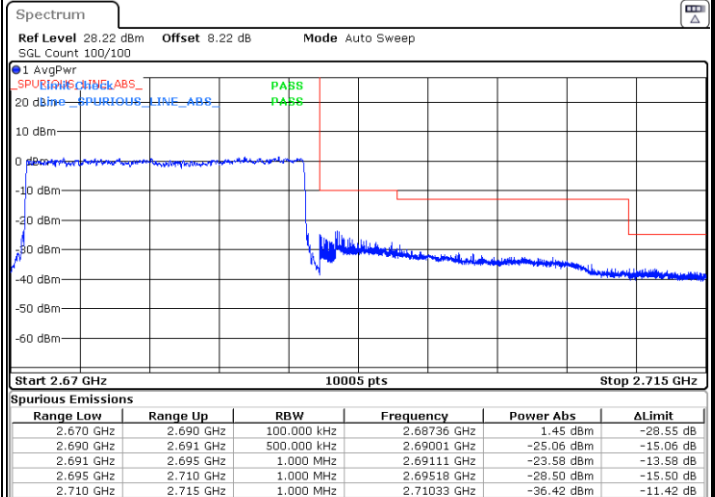
Date: 28 JAN 2022 05:27:12

Lowest Band Edge / Full RB



Date: 28 JAN 2022 05:21:30

Highest Band Edge / Full RB

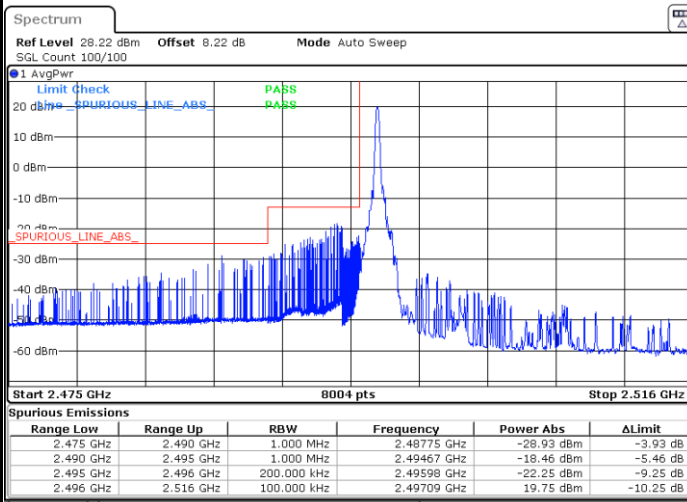


Date: 28 JAN 2022 05:35:35



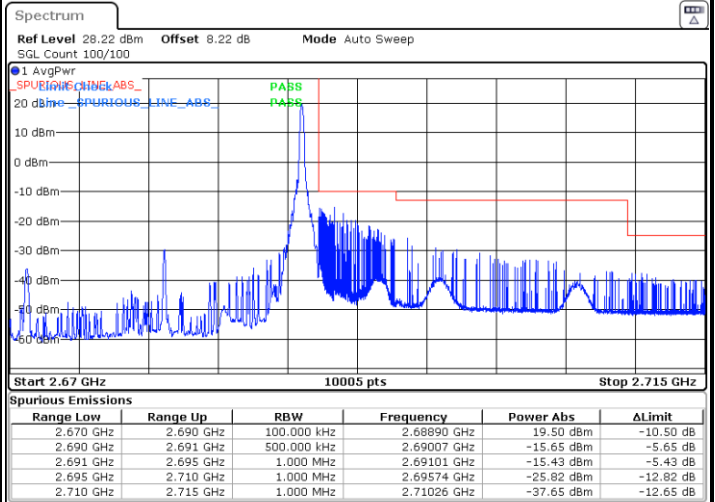
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



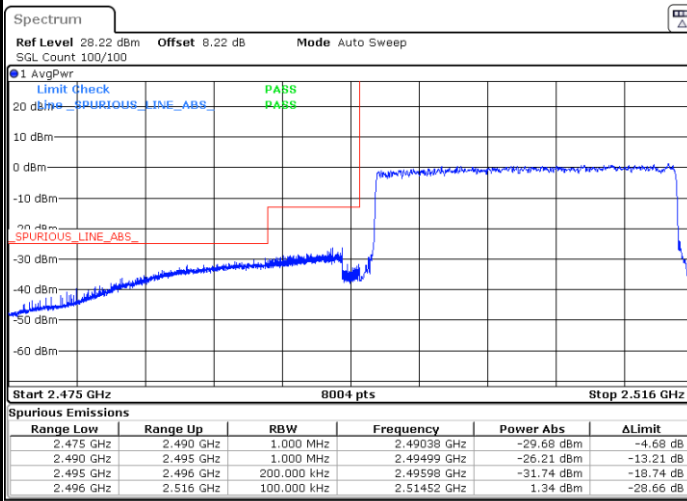
Date: 28. JAN 2022 05:14:45

Highest Band Edge / 1 RB



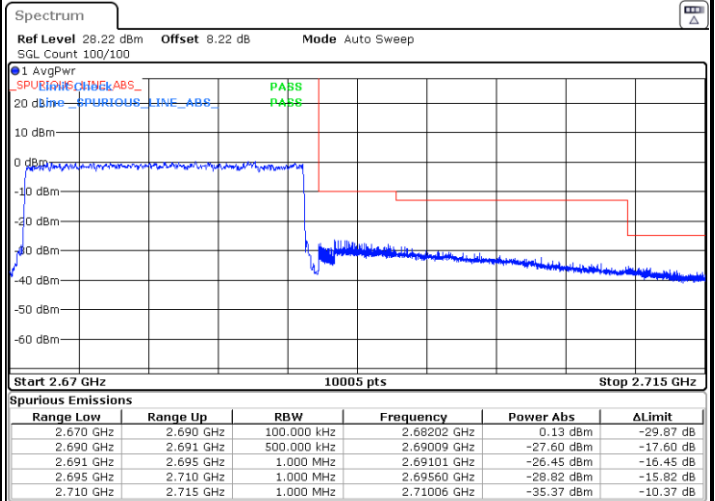
Date: 28. JAN 2022 05:28:53

Lowest Band Edge / Full RB



Date: 28. JAN 2022 05:19:49

Highest Band Edge / Full RB

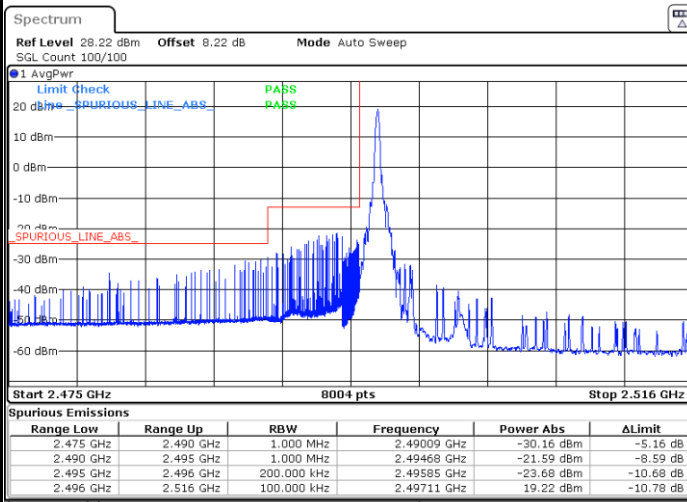


Date: 28. JAN 2022 05:33:54



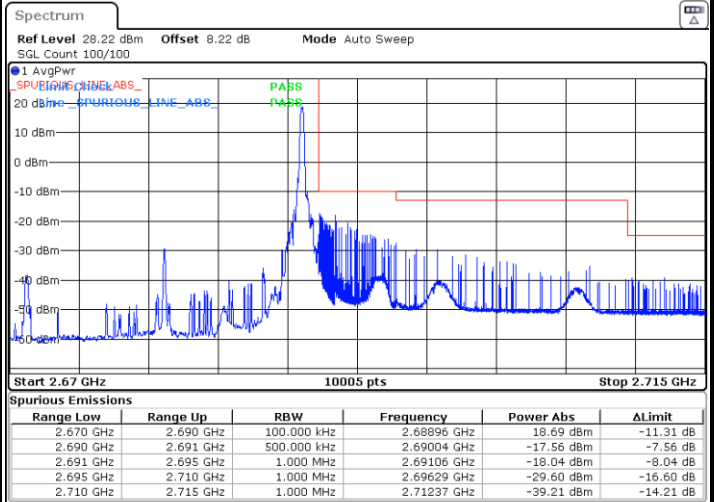
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



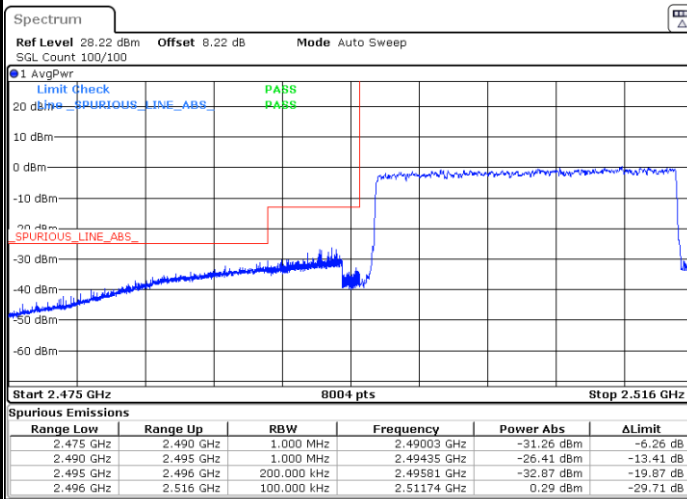
Date: 28. JAN 2022 05:16:26

Highest Band Edge / 1 RB



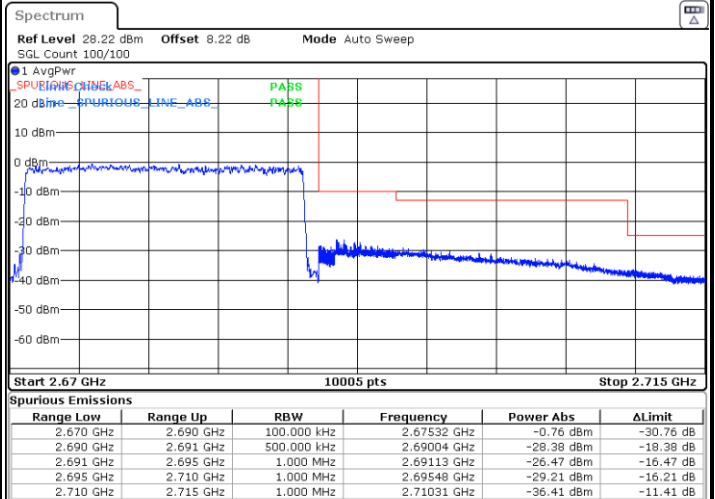
Date: 28. JAN 2022 05:30:33

Lowest Band Edge / Full RB



Date: 28. JAN 2022 05:18:08

Highest Band Edge / Full RB



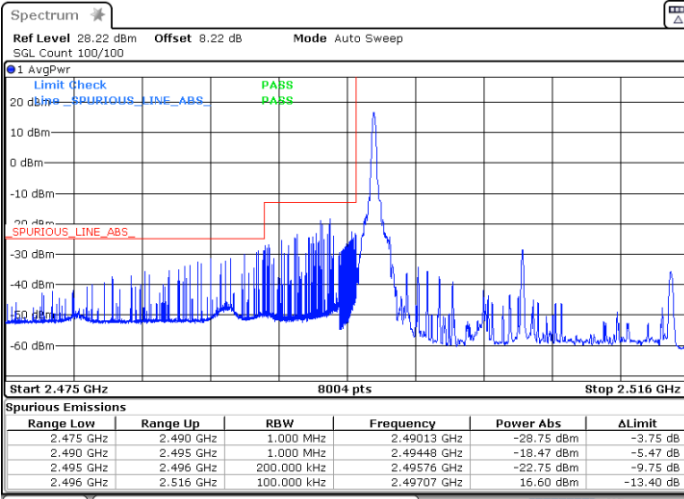
Date: 28. JAN 2022 05:32:14



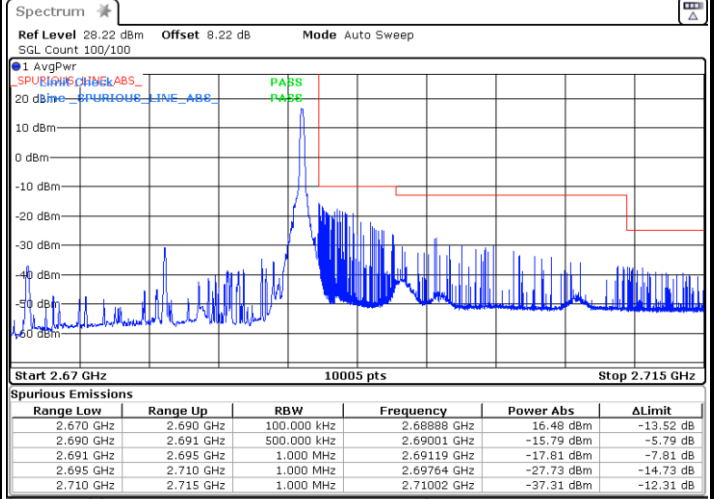
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



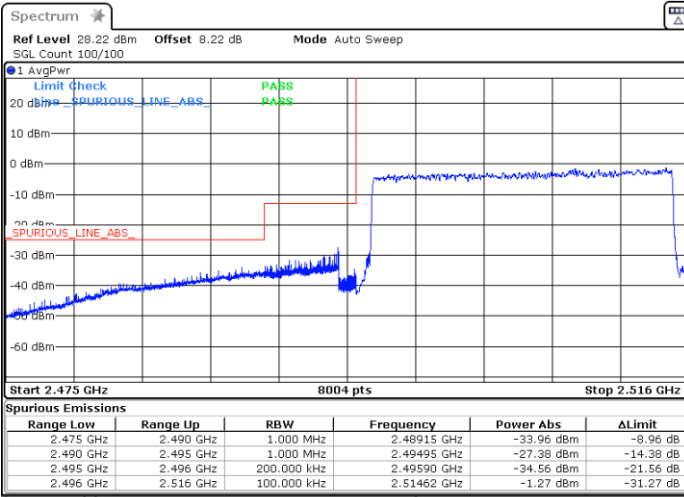
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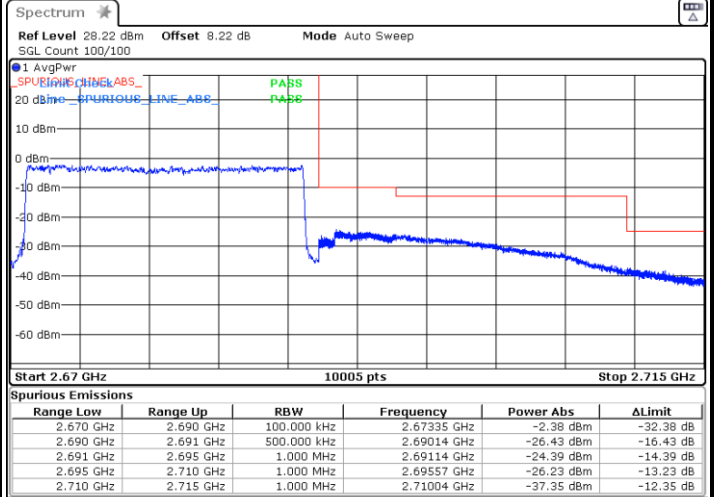
Date: 10.FEB.2022 11:26:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10.FEB.2022 11:17:35



Date: 10.FEB.2022 11:33:27



Conducted Spurious Emission

