

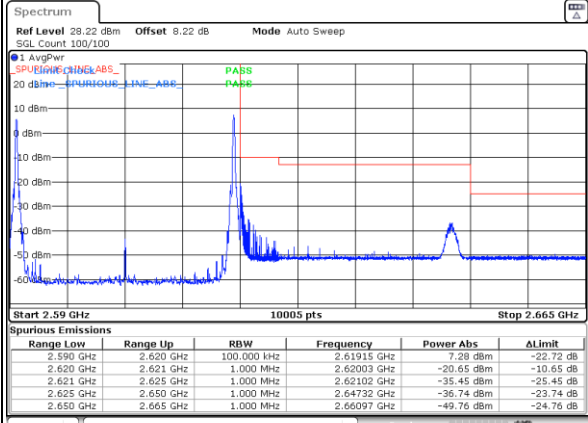
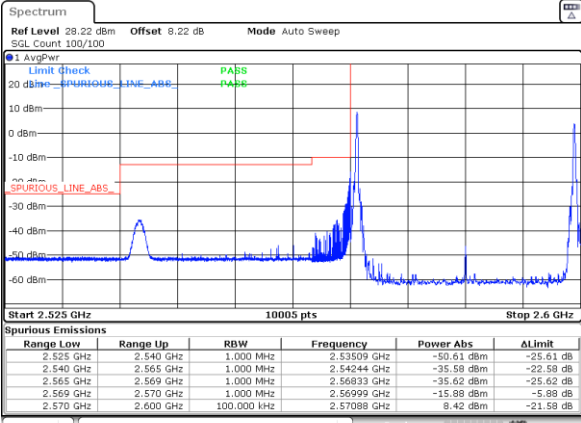


LTE Band 38C / 15MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

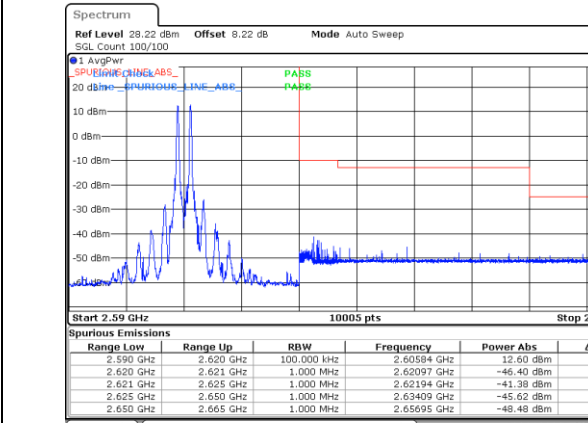
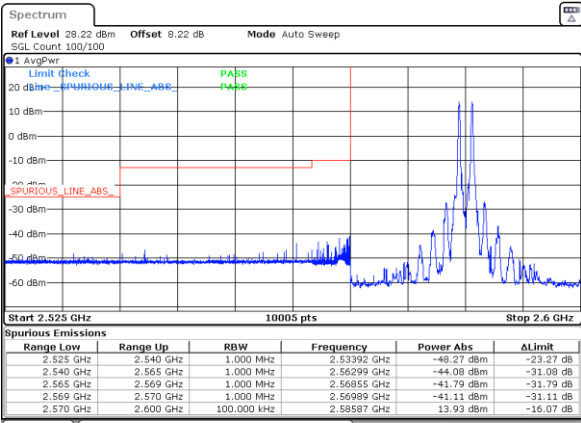


Date: 9, JAN, 2023 22:07:42

Date: 9, JAN, 2023 22:46:55

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

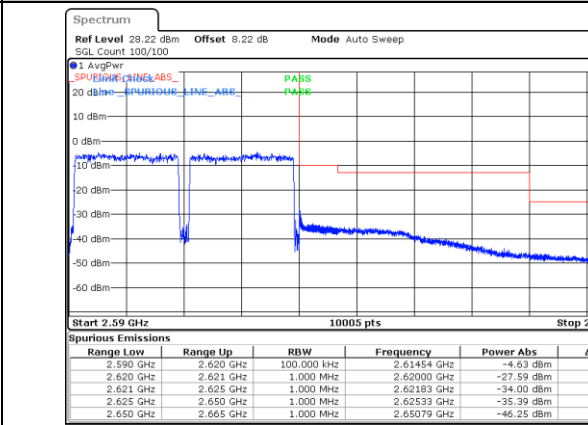
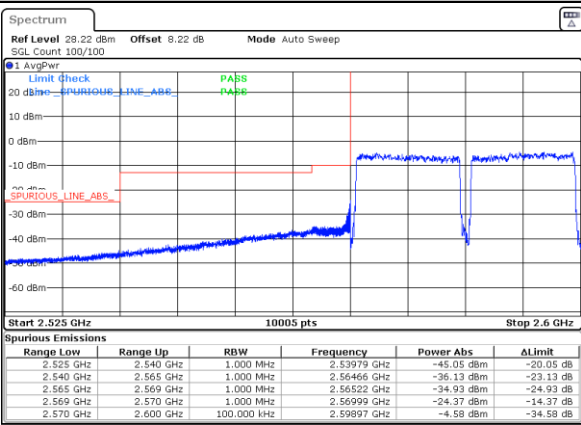


Date: 9, JAN, 2023 22:31:50

Date: 9, JAN, 2023 22:45:46

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9, JAN, 2023 22:37:39

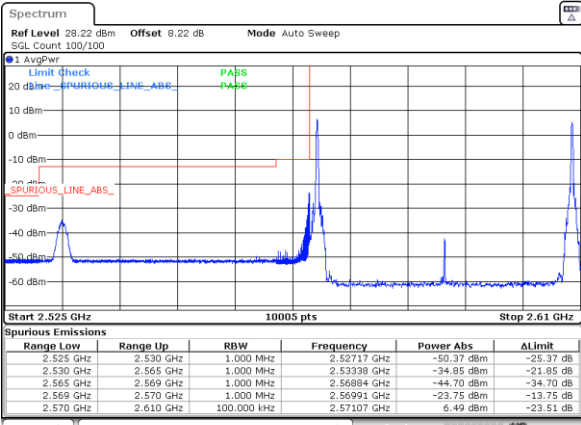
Date: 9, JAN, 2023 22:52:38



LTE Band 38C / 20MHz+20MHz

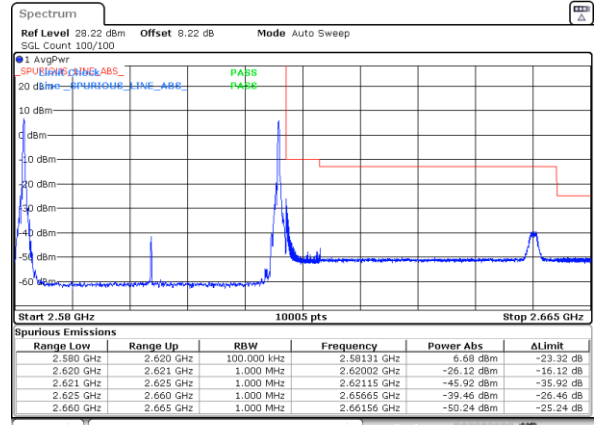
64QAM

Lowest Band Edge / 1RB0 and 1RB9



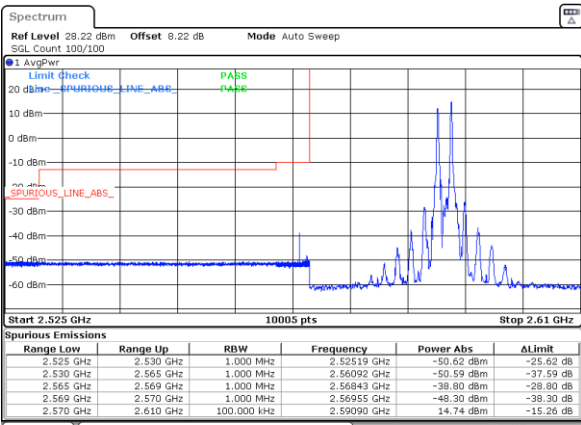
Date: 9, JAN, 2023 23:00:35

Highest Band Edge / 1RB0 and 1RB9



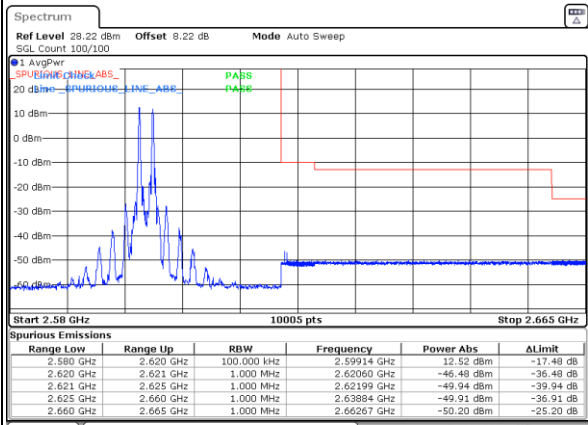
Date: 9, JAN, 2023 23:15:39

Lowest Band Edge / 1RB99 and 1RB0



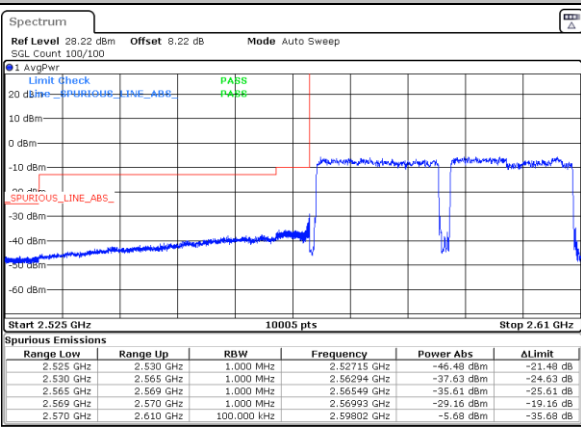
Date: 9, JAN, 2023 23:06:24

Highest Band Edge / 1RB99 and 1RB0



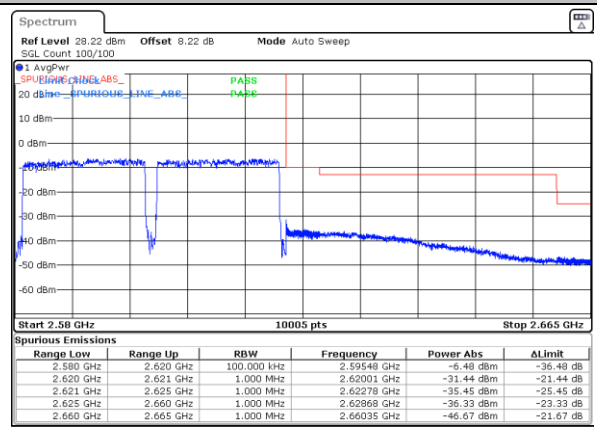
Date: 9, JAN, 2023 23:14:31

Lowest Band Edge / Full RB



Date: 9, JAN, 2023 22:59:25

Highest Band Edge / Full RB



Date: 9, JAN, 2023 23:21:21

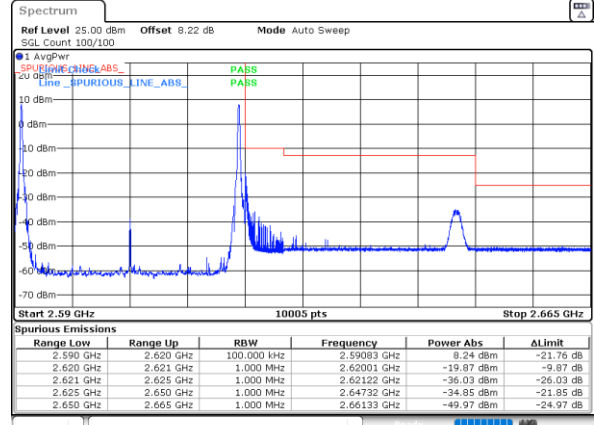
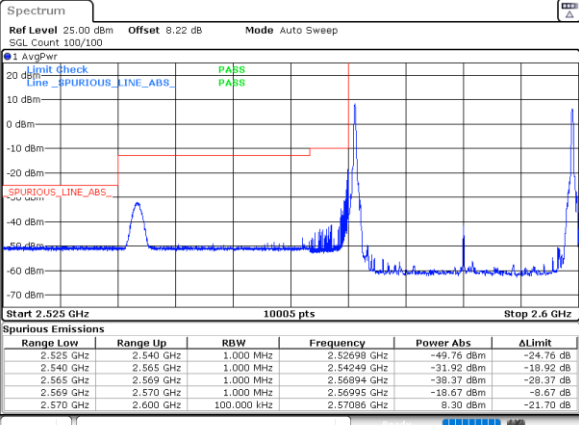


LTE Band 38C / 15MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

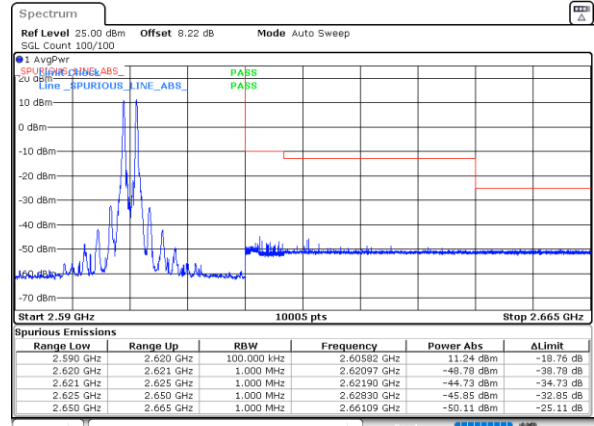
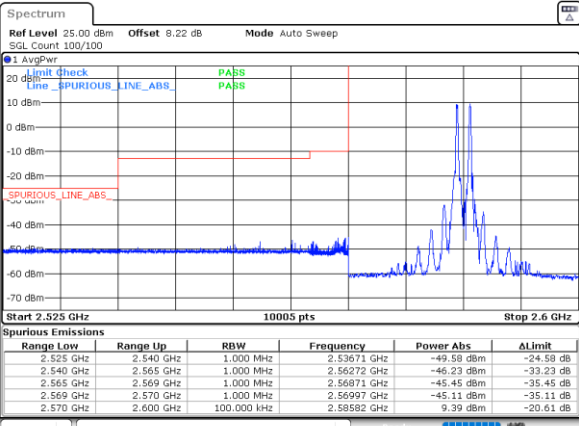


Date: 10, JAN, 2023 22:17:04

Date: 10, JAN, 2023 22:20:43

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

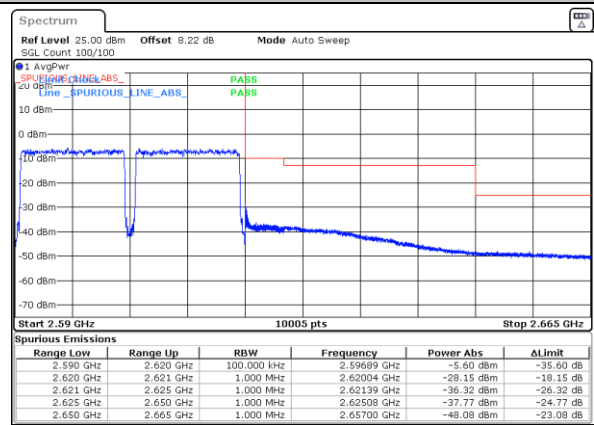
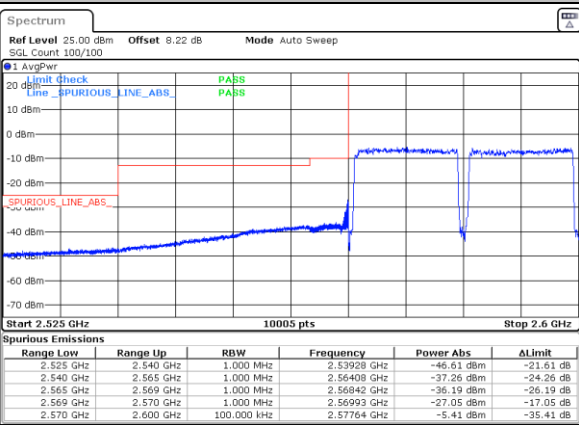


Date: 10, JAN, 2023 22:17:57

Date: 10, JAN, 2023 22:19:33

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10, JAN, 2023 22:16:01

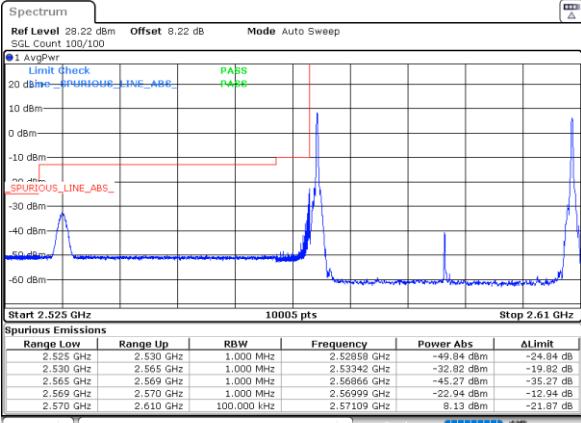
Date: 10, JAN, 2023 22:21:50



LTE Band 38C / 20MHz+20MHz

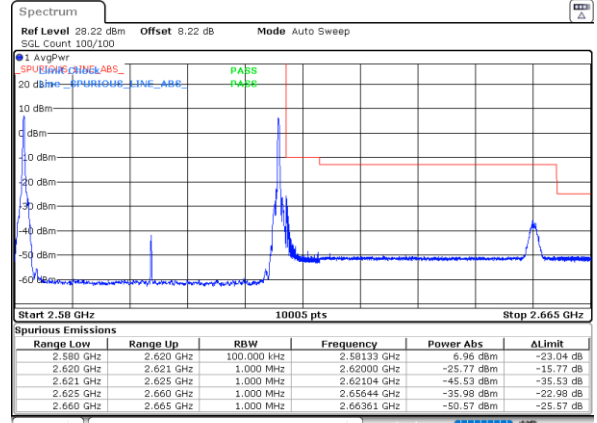
256QAM

Lowest Band Edge / 1RB0 and 1RB9



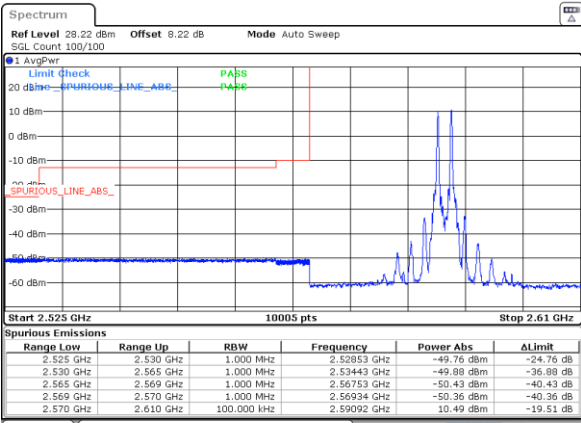
Date: 10, JAN, 2023 22:18:47

Highest Band Edge / 1RB0 and 1RB9



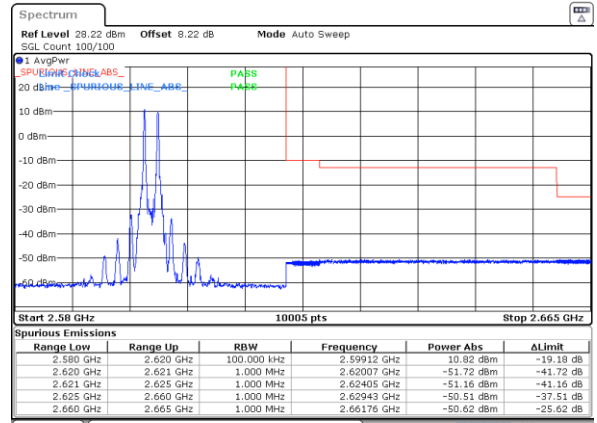
Date: 10, JAN, 2023 22:15:09

Lowest Band Edge / 1RB99 and 1RB0



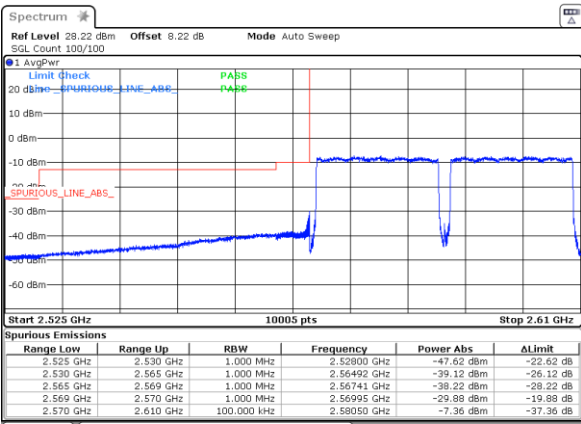
Date: 10, JAN, 2023 22:10:04

Highest Band Edge / 1RB99 and 1RB0



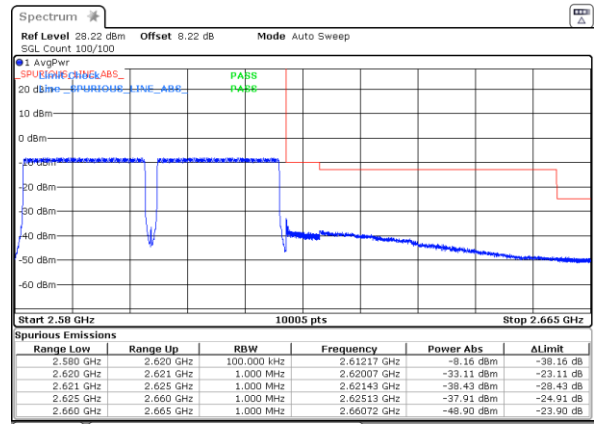
Date: 10, JAN, 2023 22:16:10

Lowest Band Edge / Full RB



Date: 10, JAN, 2023 22:17:48

Highest Band Edge / Full RB



Date: 10, JAN, 2023 22:13:22



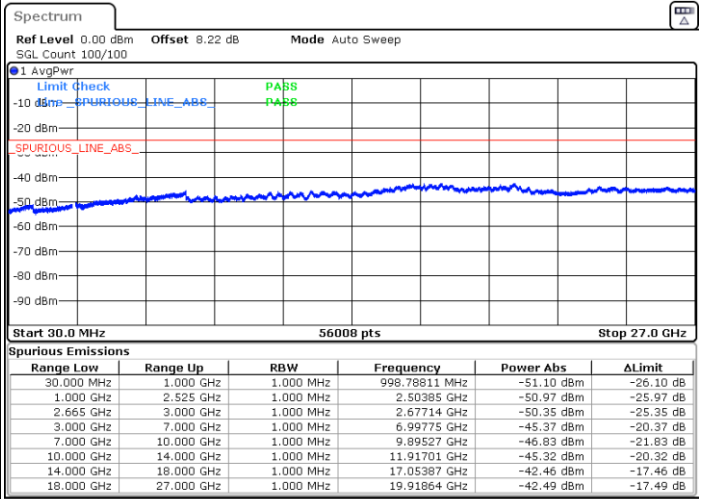
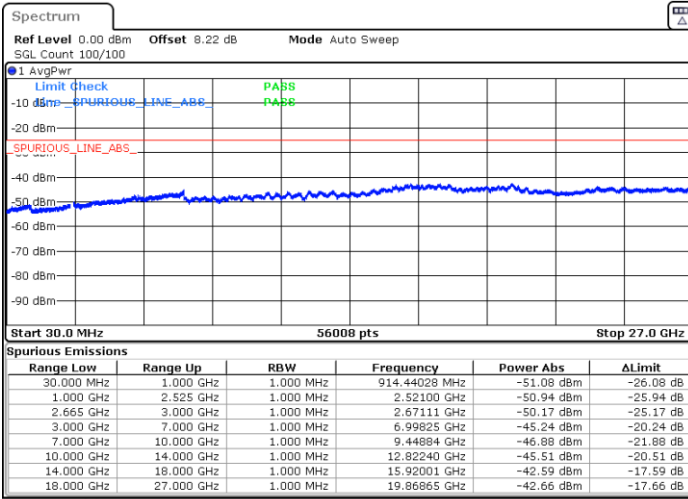
Conducted Spurious Emission

LTE Band 38C / 15MHz+15MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

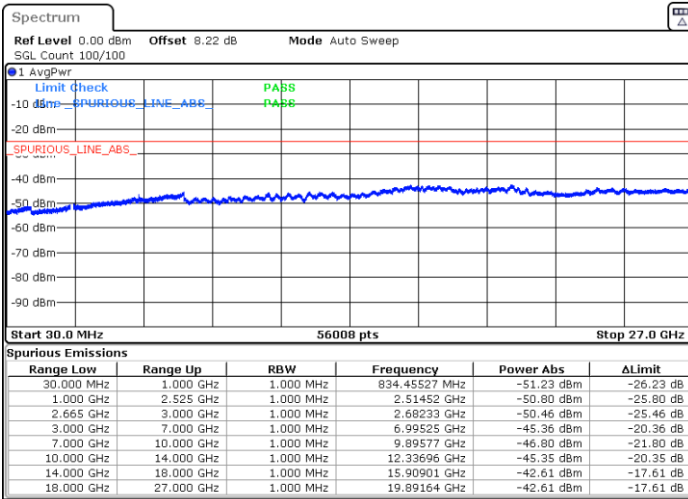


Date: 9. JAN. 2023 22:39:09

Date: 9. JAN. 2023 22:40:44

Highest Channel / 1RB74 and 1RB0

N/A



Date: 9. JAN. 2023 22:42:20

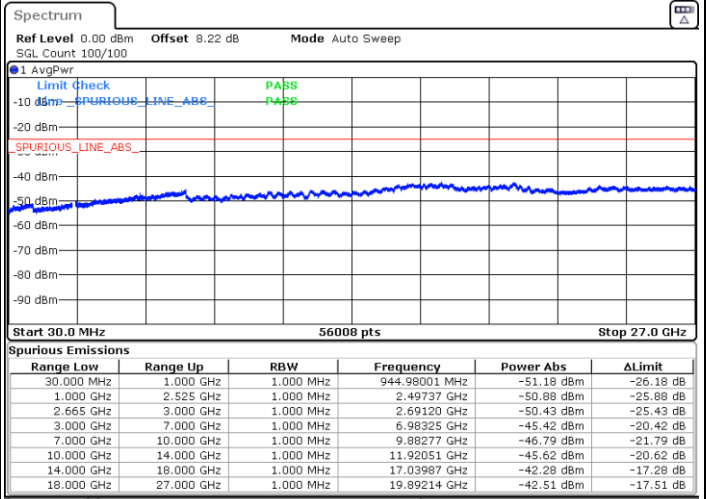
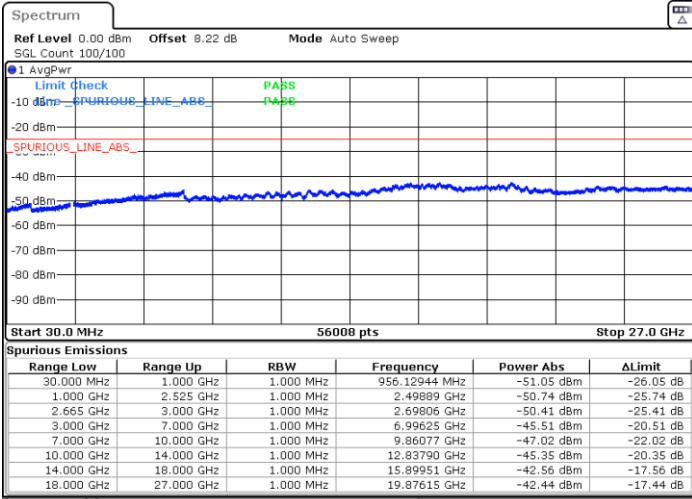


LTE Band 38C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

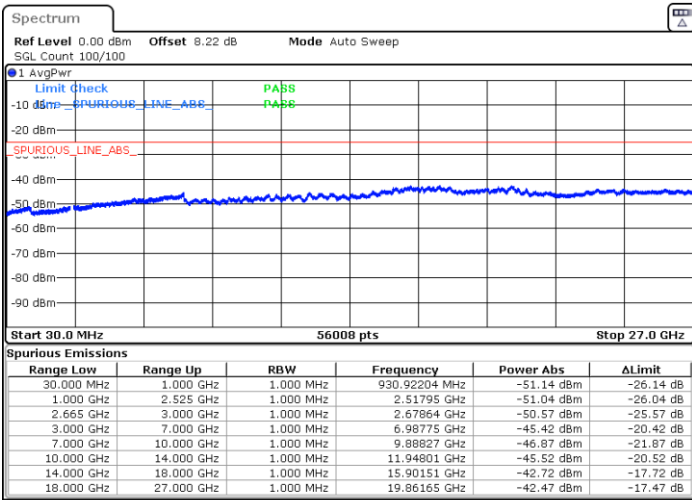


Date: 9.JAN.2023 23:07:54

Date: 9.JAN.2023 23:09:29

Highest Channel / 1RB99 and 1RB0

N/A



Date: 9.JAN.2023 23:11:05



Frequency Stability

Test Conditions		LTE Band 38C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 40MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0028	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0039	
20	Maximum Voltage	0.0046	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0021	

Note:

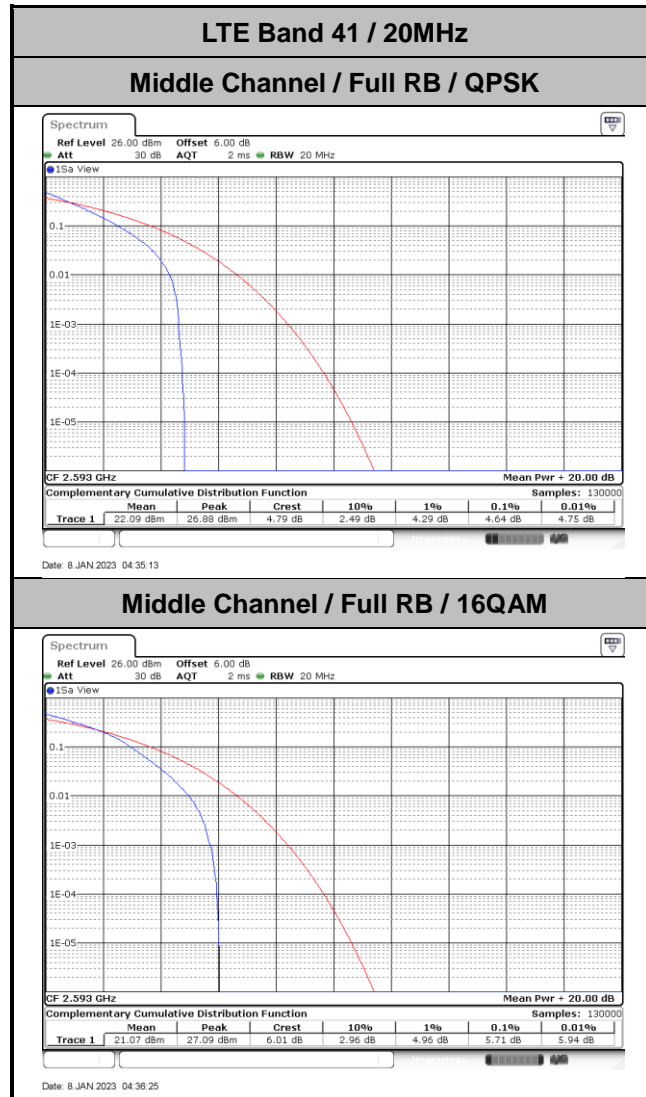
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

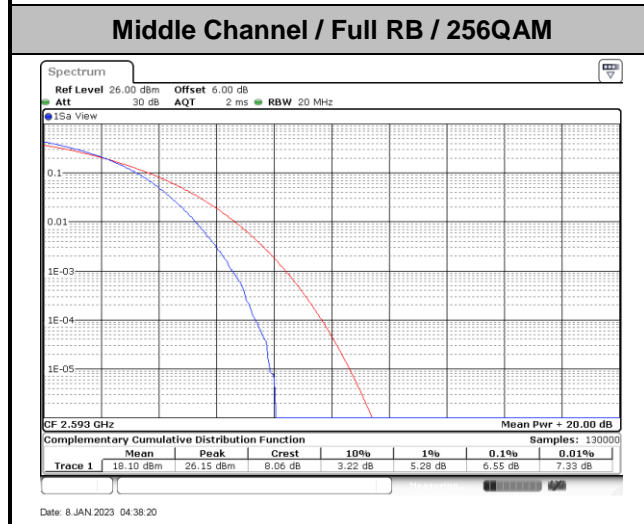
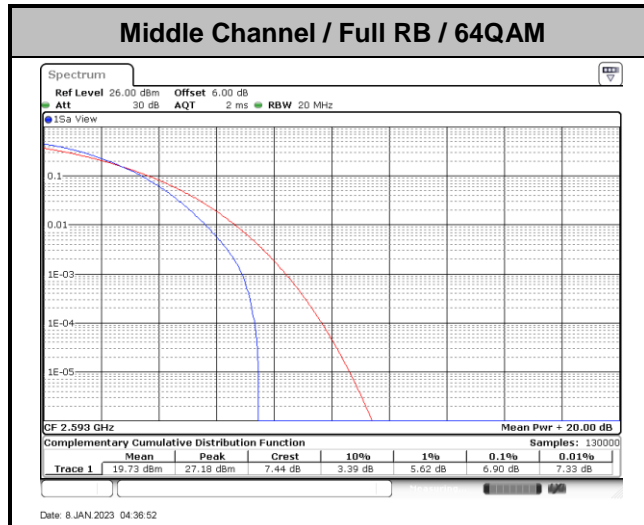


LTE Band 41

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	4.64	5.71	6.90	6.55	PASS

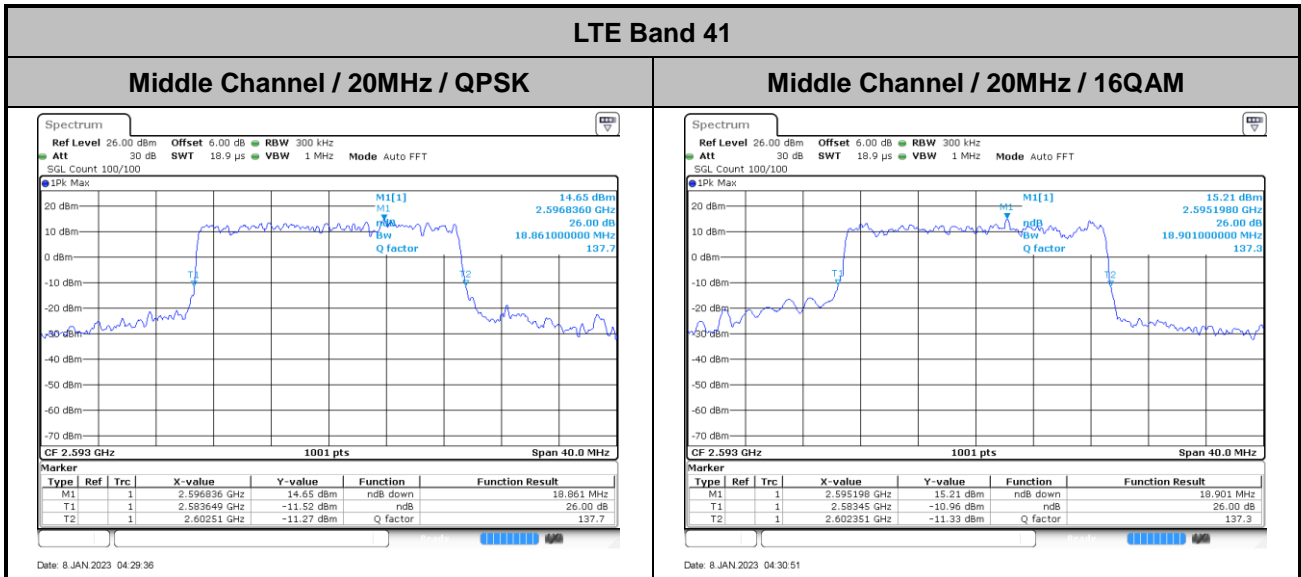






26dB Bandwidth

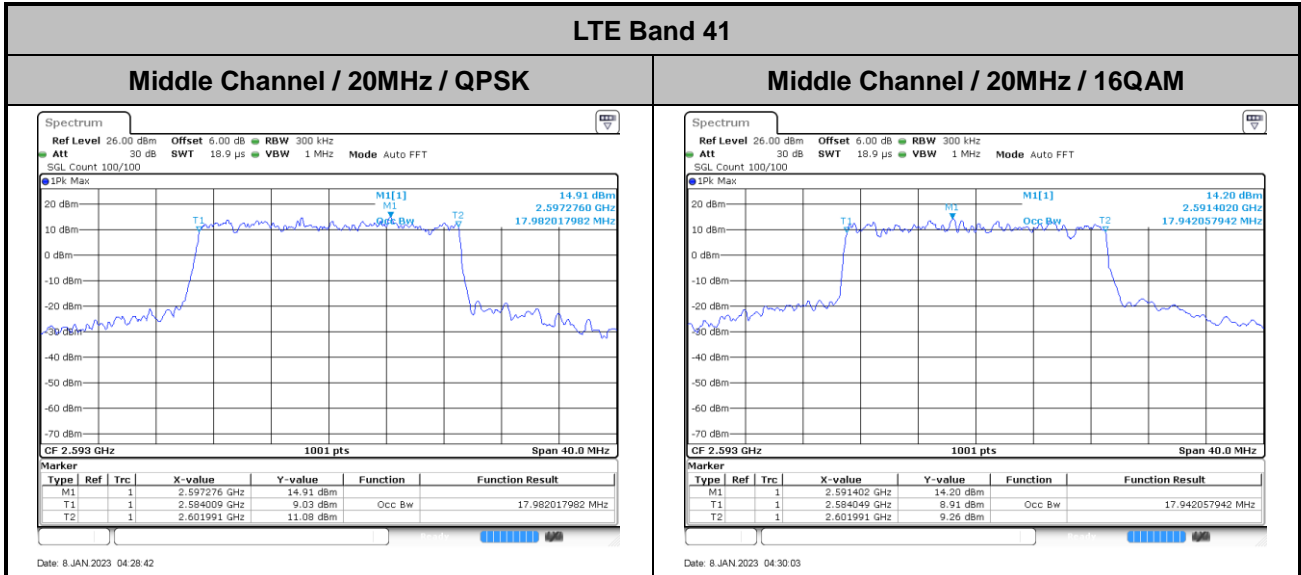
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.86	18.90





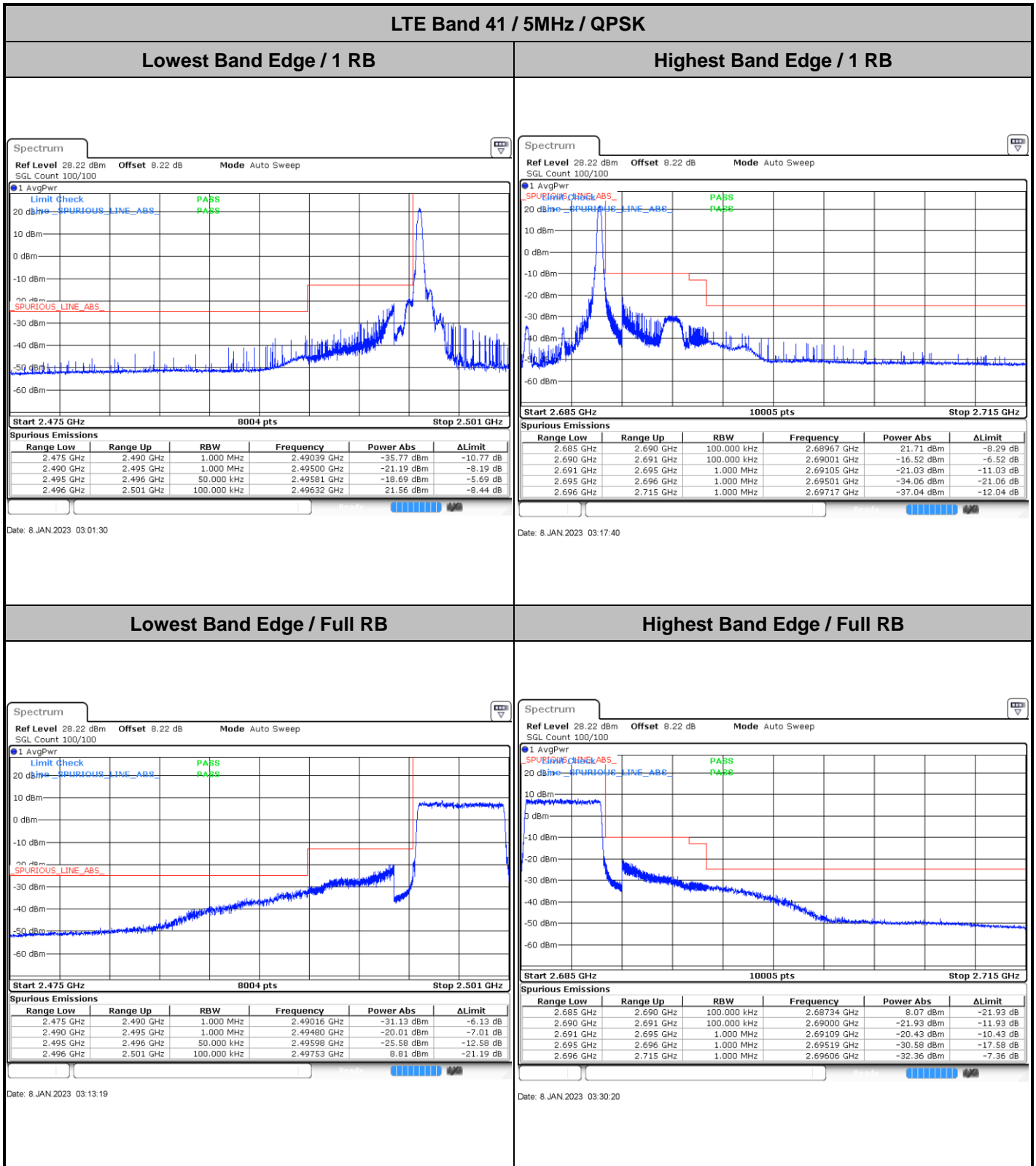
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.98	17.94





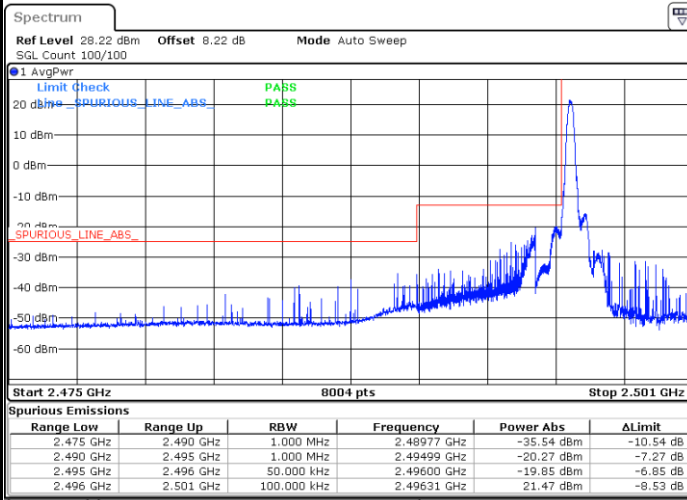
Conducted Band Edge





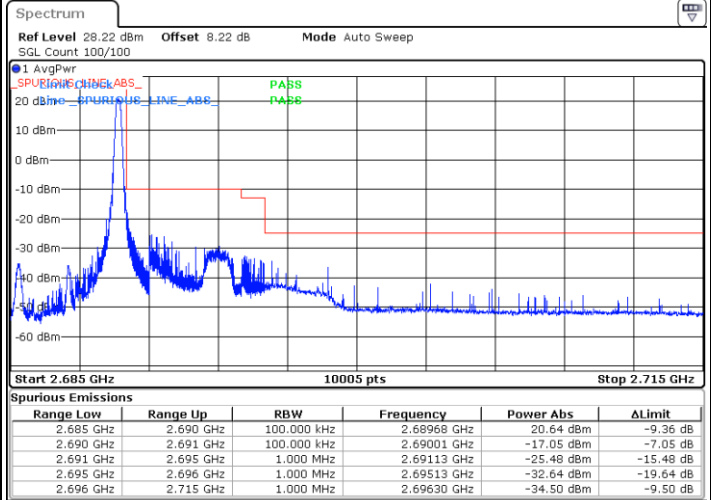
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



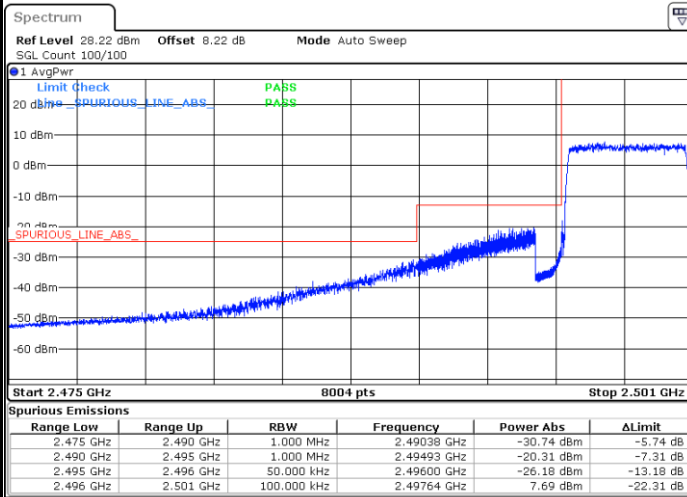
Date: 8 JAN 2023 03:03:10

Highest Band Edge / 1 RB



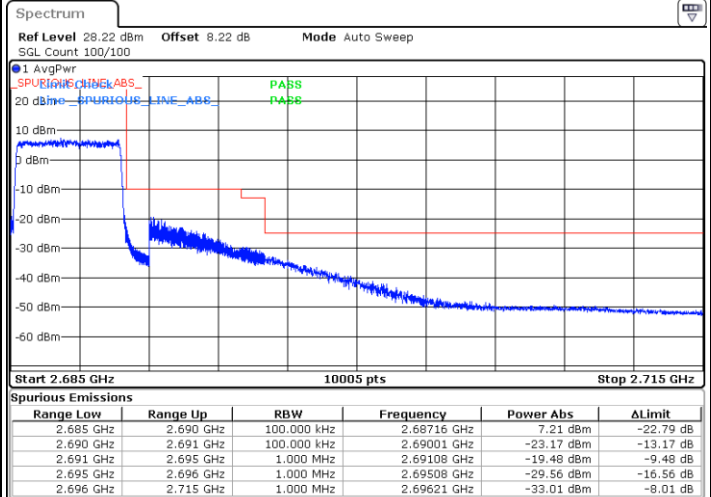
Date: 8 JAN 2023 03:19:20

Lowest Band Edge / Full RB



Date: 8 JAN 2023 03:11:39

Highest Band Edge / Full RB

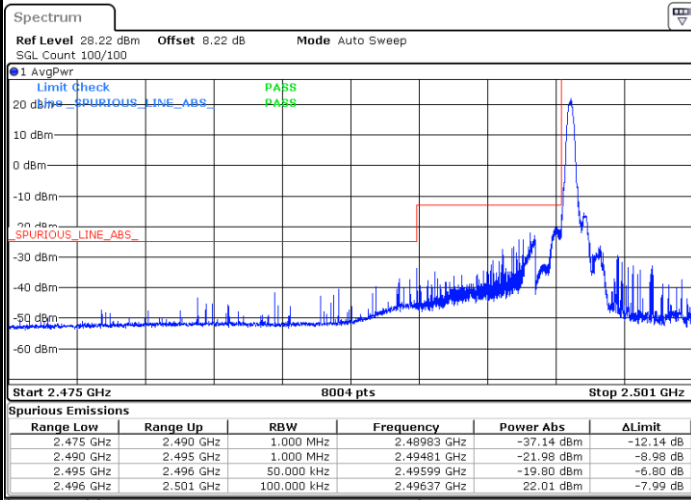


Date: 8 JAN 2023 03:29:20



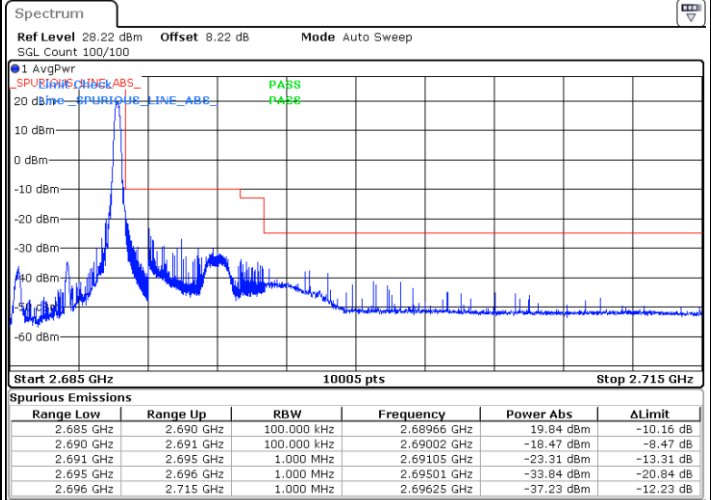
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



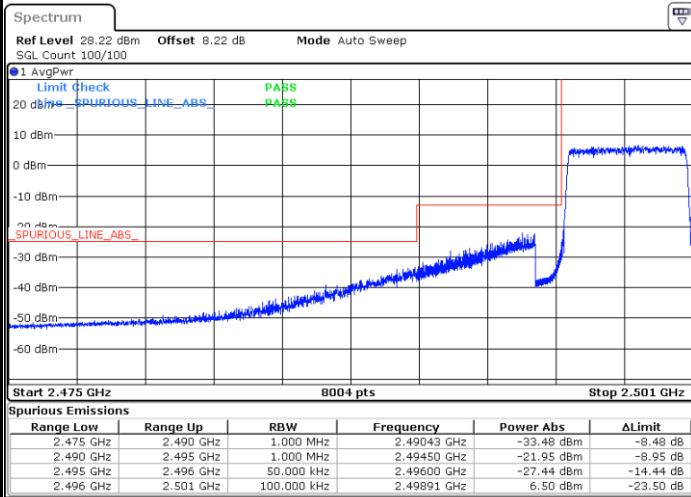
Date: 8 JAN 2023 03:04:51

Highest Band Edge / 1 RB



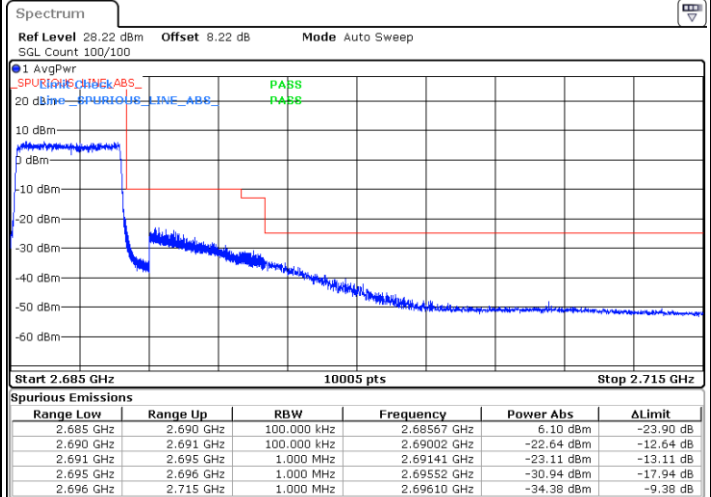
Date: 8 JAN 2023 03:21:01

Lowest Band Edge / Full RB



Date: 8 JAN 2023 03:09:58

Highest Band Edge / Full RB

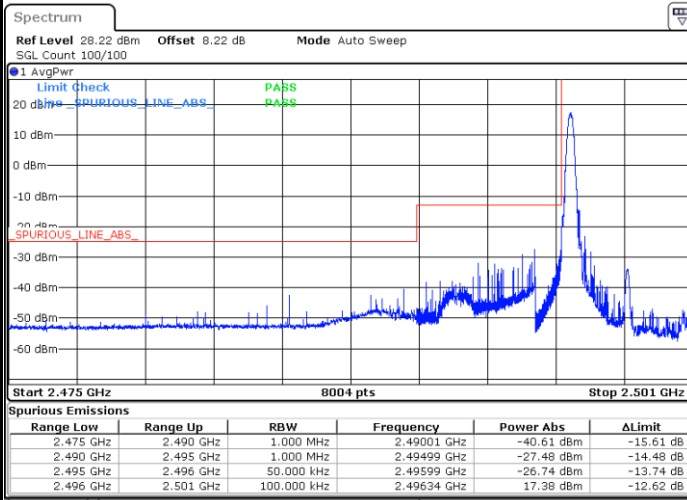


Date: 8 JAN 2023 03:27:39



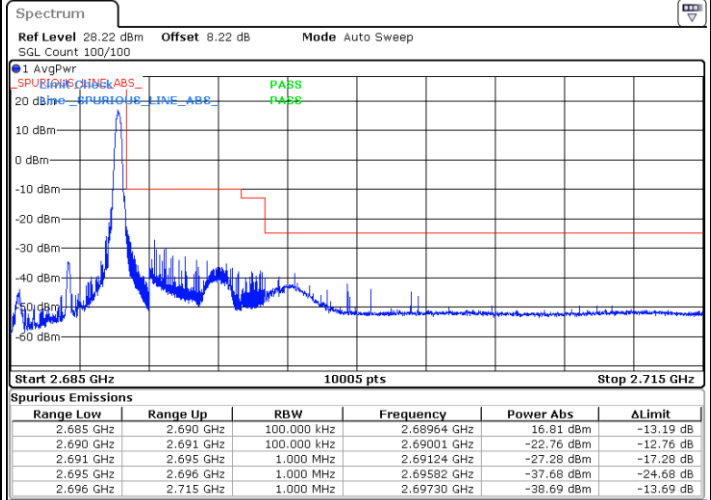
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



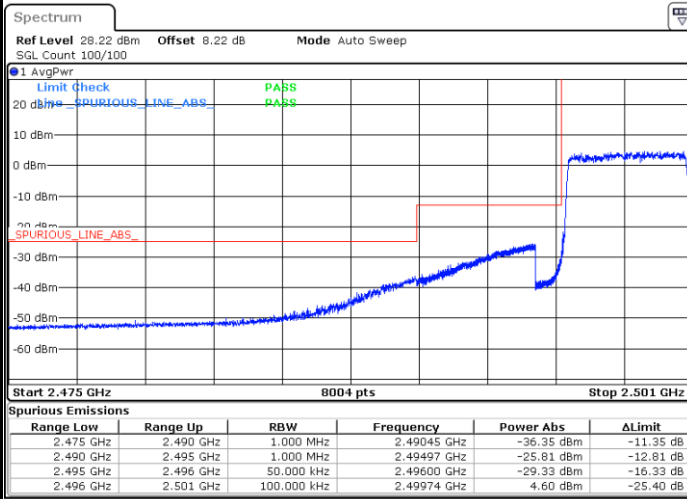
Date: 8 JAN 2023 03:06:32

Highest Band Edge / 1 RB



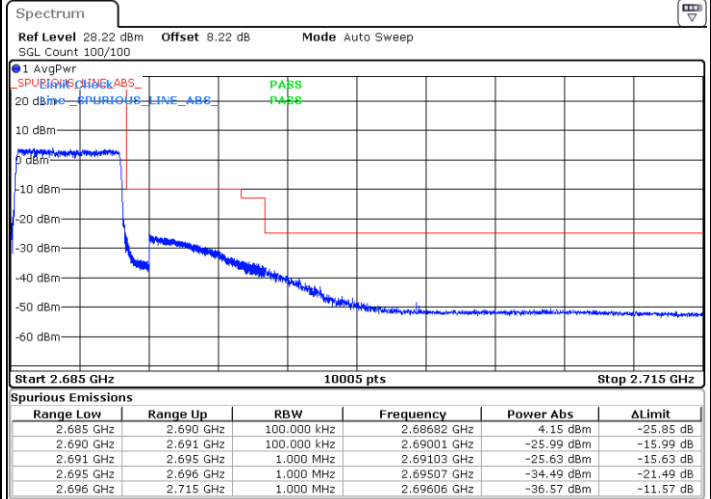
Date: 8 JAN 2023 03:22:42

Lowest Band Edge / Full RB



Date: 8 JAN 2023 03:08:15

Highest Band Edge / Full RB

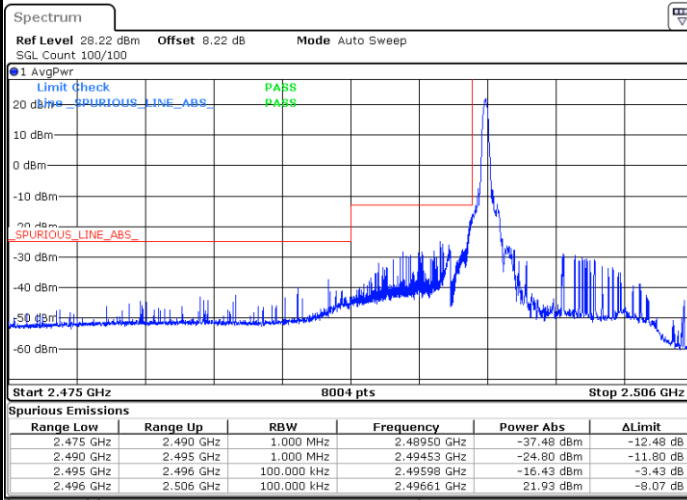


Date: 8 JAN 2023 03:25:56



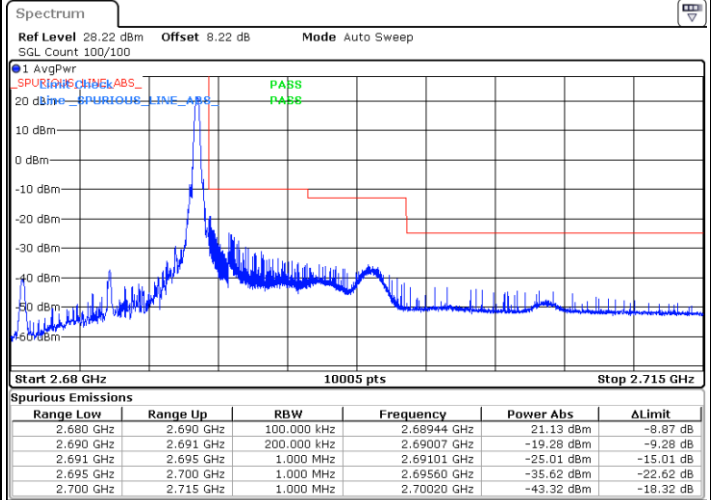
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



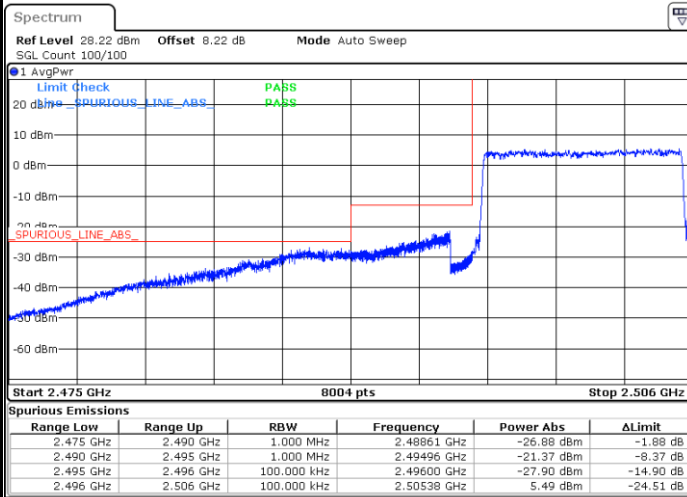
Date: 8 JAN 2023 03:32:37

Highest Band Edge / 1 RB



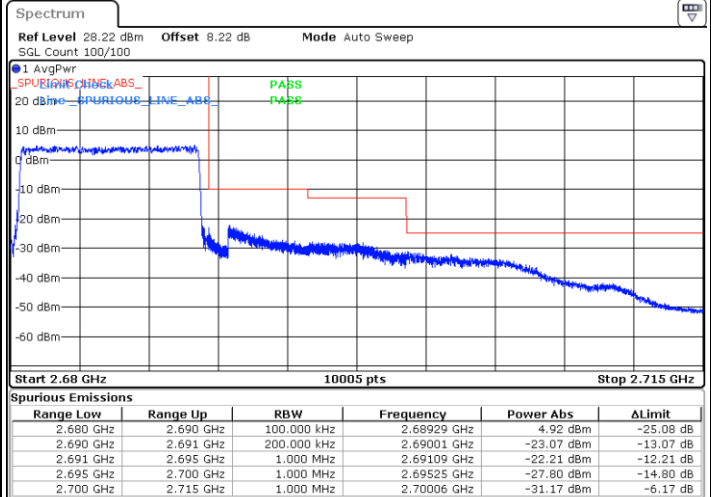
Date: 8 JAN 2023 03:43:01

Lowest Band Edge / Full RB



Date: 8 JAN 2023 03:39:30

Highest Band Edge / Full RB

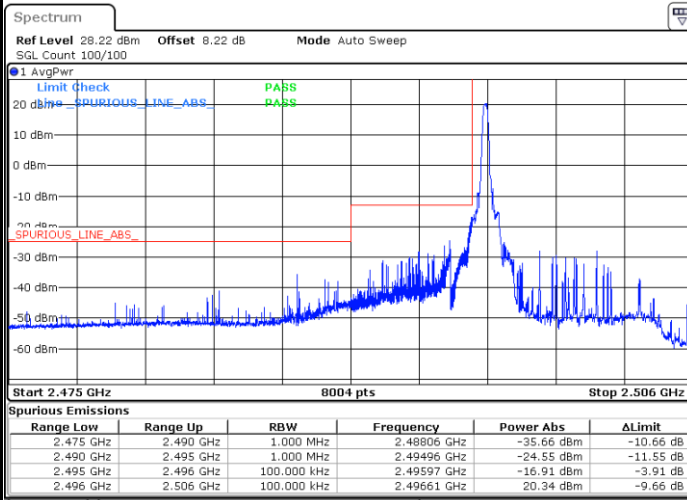


Date: 8 JAN 2023 03:49:40



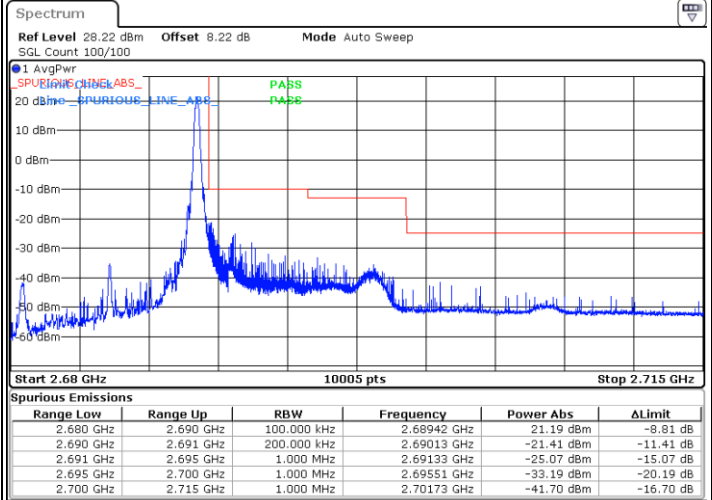
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



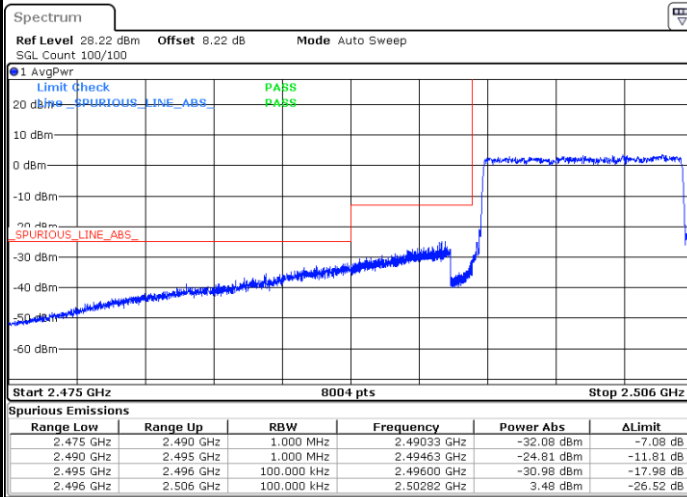
Date: 8 JAN 2023 03:33:32

Highest Band Edge / 1 RB



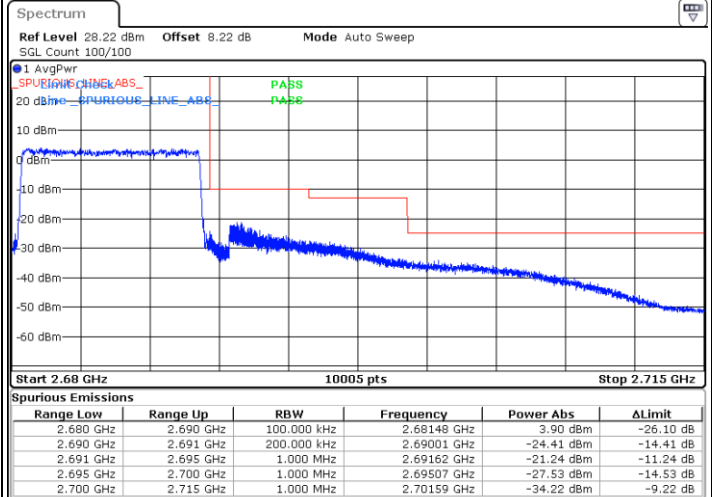
Date: 8 JAN 2023 03:43:51

Lowest Band Edge / Full RB



Date: 8 JAN 2023 03:37:50

Highest Band Edge / Full RB

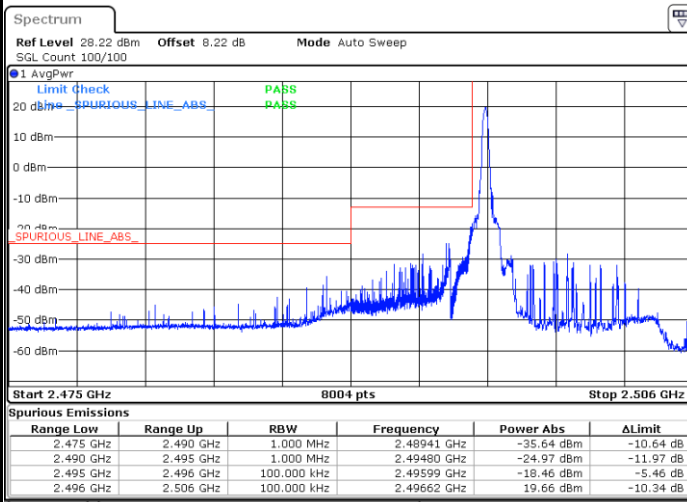


Date: 8 JAN 2023 03:48:49



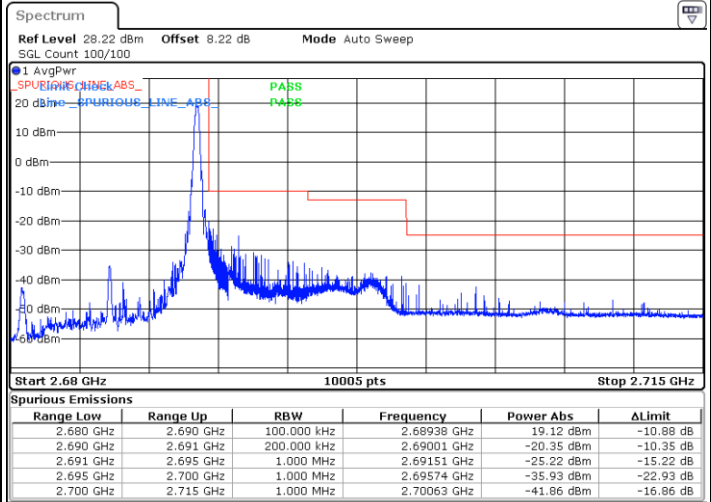
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



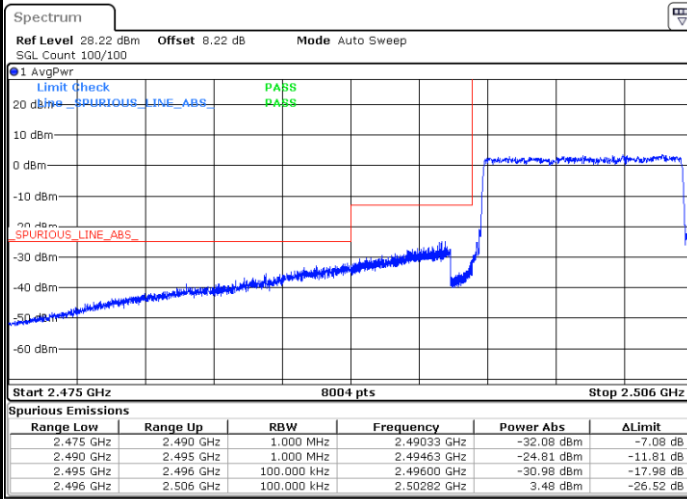
Date: 8 JAN 2023 03:34:27

Highest Band Edge / 1 RB



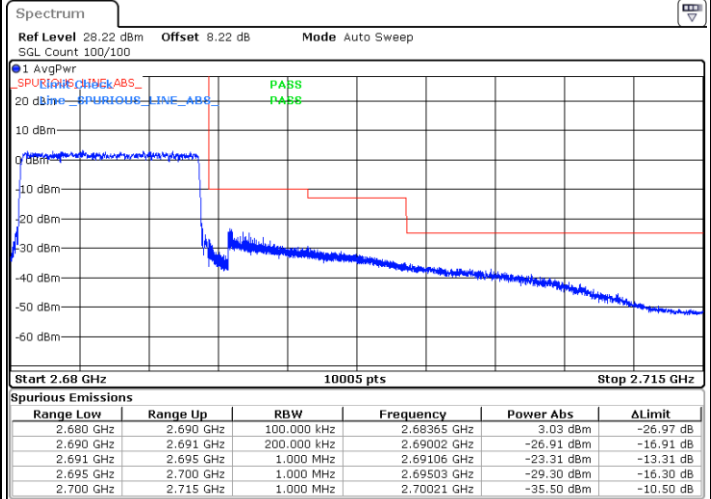
Date: 8 JAN 2023 03:44:42

Lowest Band Edge / Full RB



Date: 8 JAN 2023 03:37:50

Highest Band Edge / Full RB

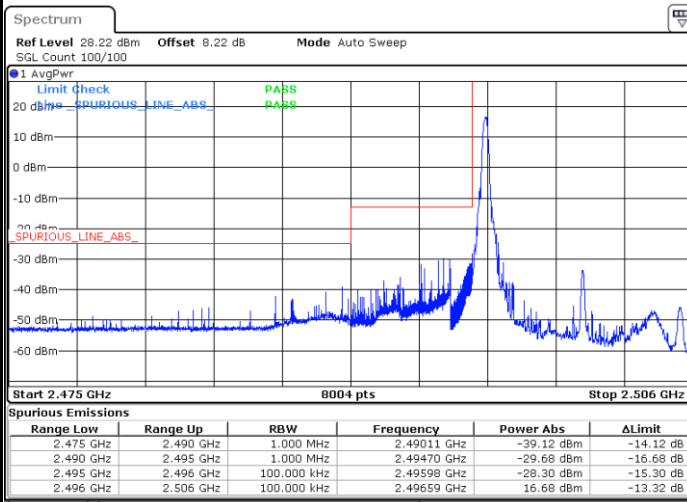


Date: 8 JAN 2023 03:47:58



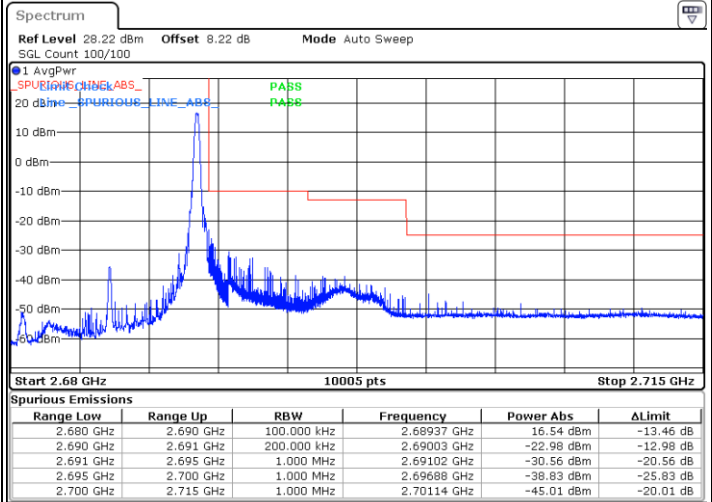
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1RB



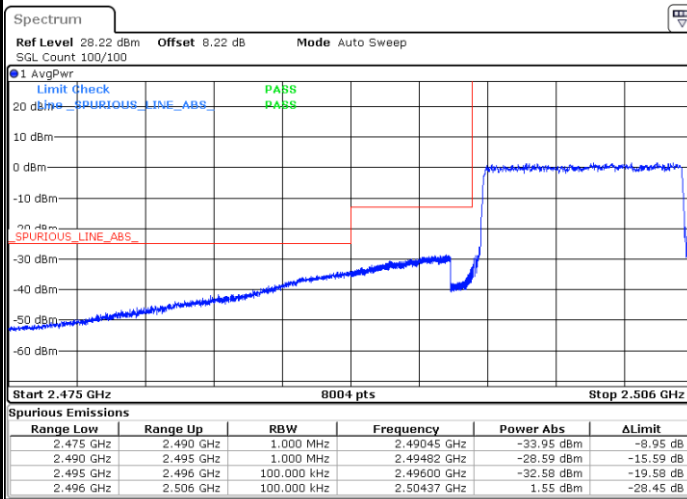
Date: 8 JAN 2023 03:35:24

Highest Band Edge / 1 RB



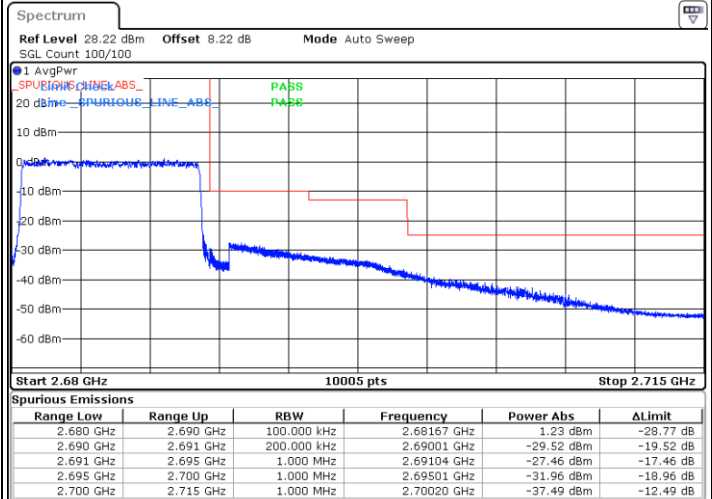
Date: 8 JAN 2023 03:45:32

Lowest Band Edge / Full RB



Date: 8 JAN 2023 03:36:59

Highest Band Edge / Full RB

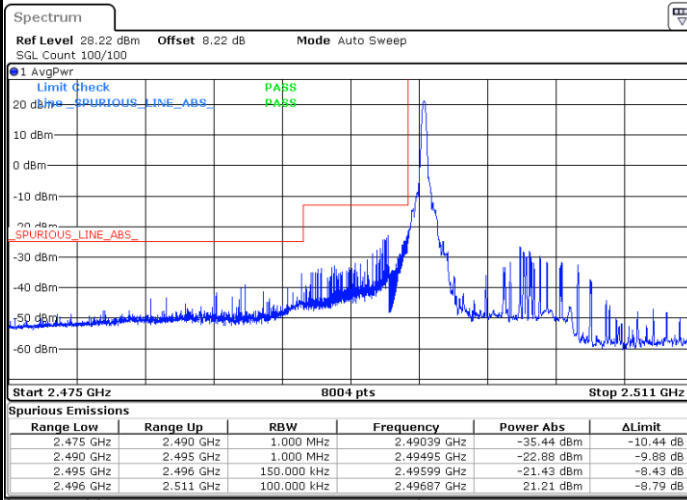


Date: 8 JAN 2023 03:47:07



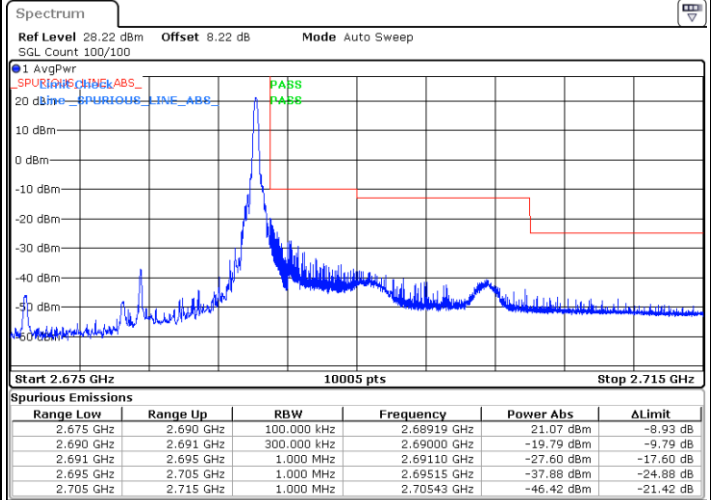
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



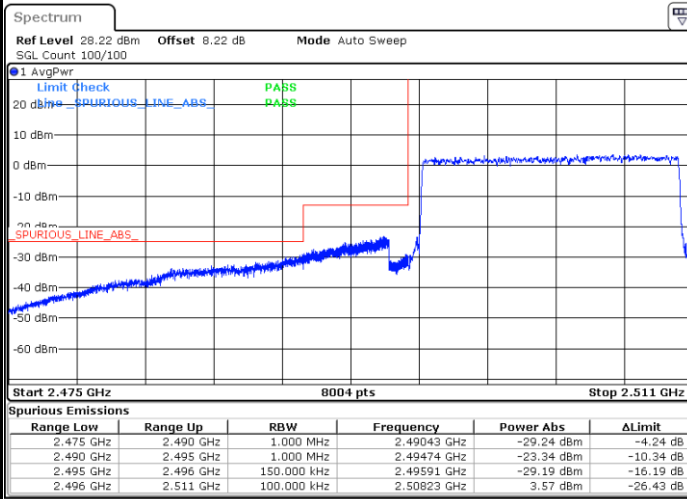
Date: 8 JAN 2023 03:51:51

Highest Band Edge / 1 RB



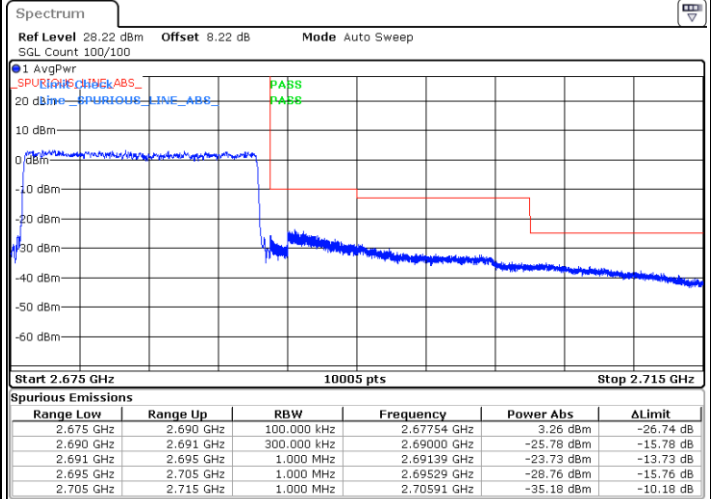
Date: 8 JAN 2023 04:02:05

Lowest Band Edge / Full RB



Date: 8 JAN 2023 03:58:34

Highest Band Edge / Full RB

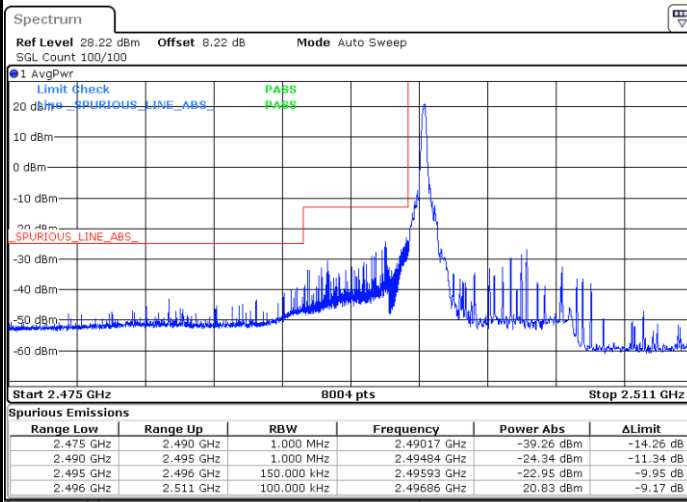


Date: 8 JAN 2023 04:08:02



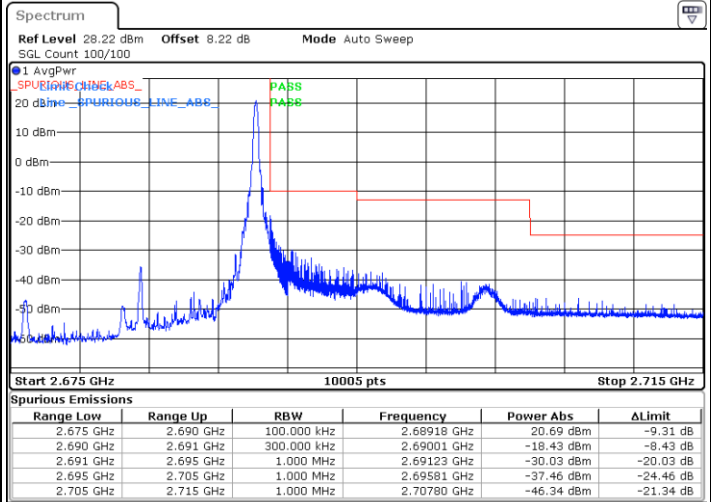
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



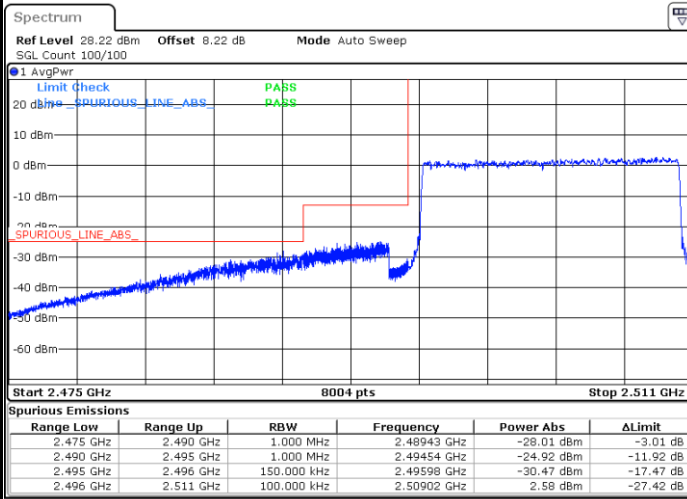
Date: 8 JAN 2023 03:52:42

Highest Band Edge / 1 RB



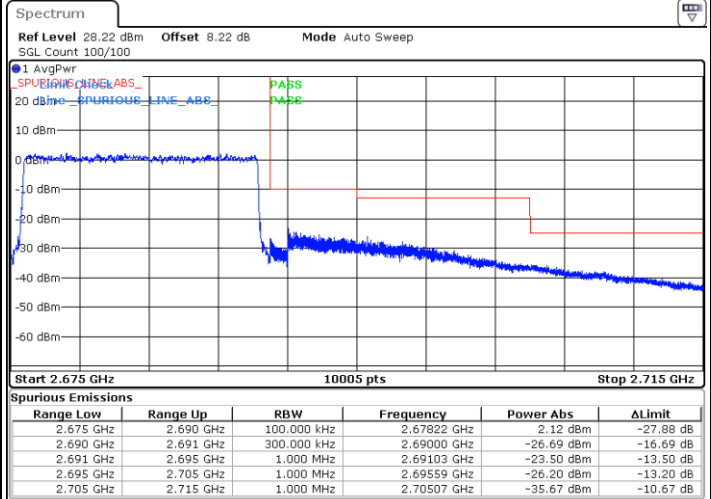
Date: 8 JAN 2023 04:02:55

Lowest Band Edge / Full RB



Date: 8 JAN 2023 03:57:44

Highest Band Edge / Full RB

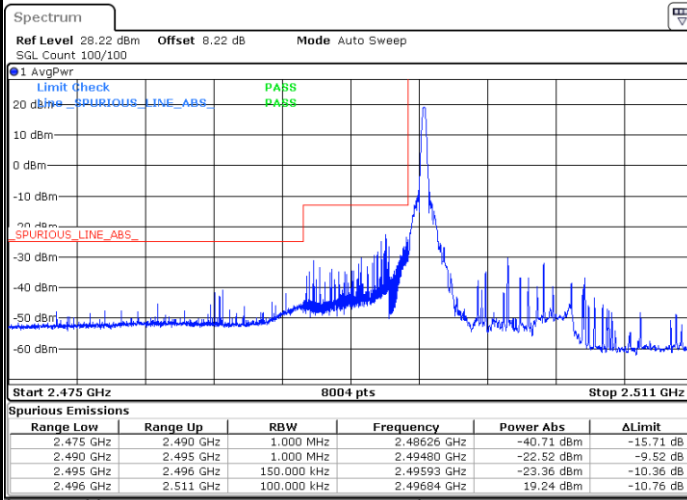


Date: 8 JAN 2023 04:07:11



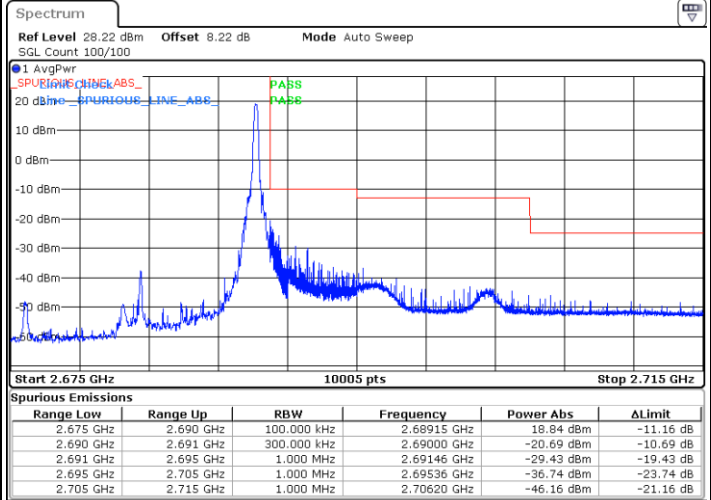
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



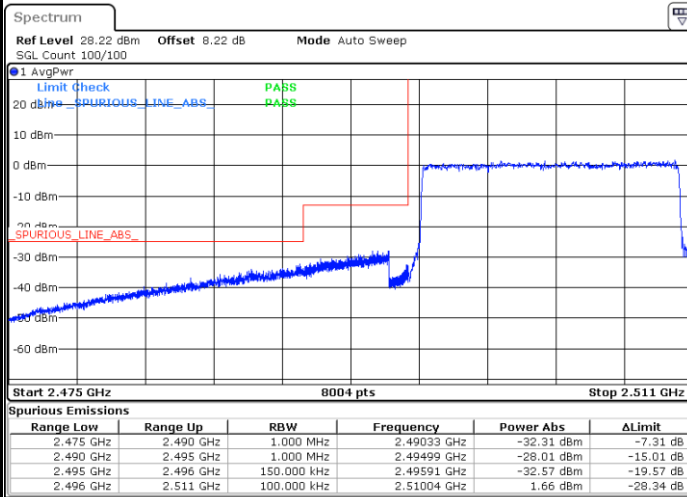
Date: 8 JAN 2023 03:53:33

Highest Band Edge / 1 RB



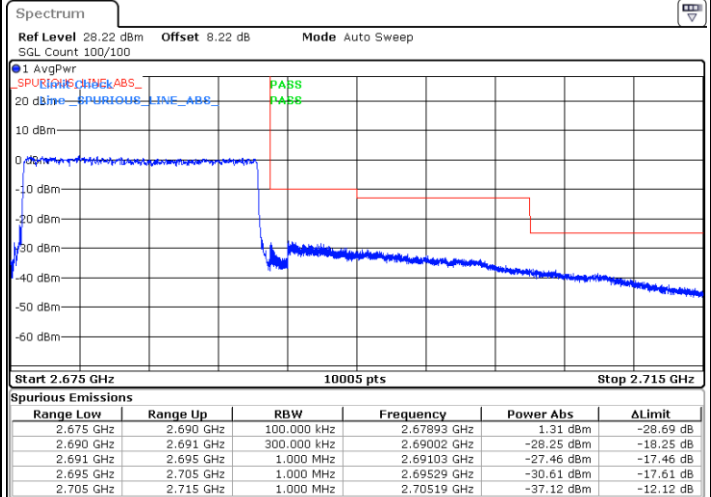
Date: 8 JAN 2023 04:03:46

Lowest Band Edge / Full RB



Date: 8 JAN 2023 03:56:53

Highest Band Edge / Full RB

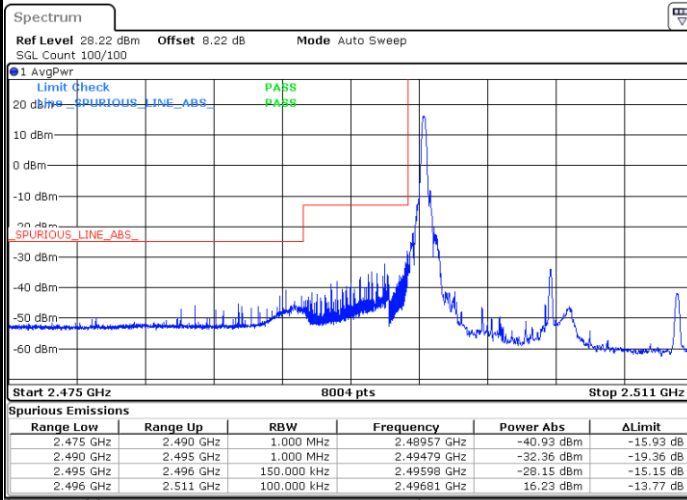


Date: 8 JAN 2023 04:06:20



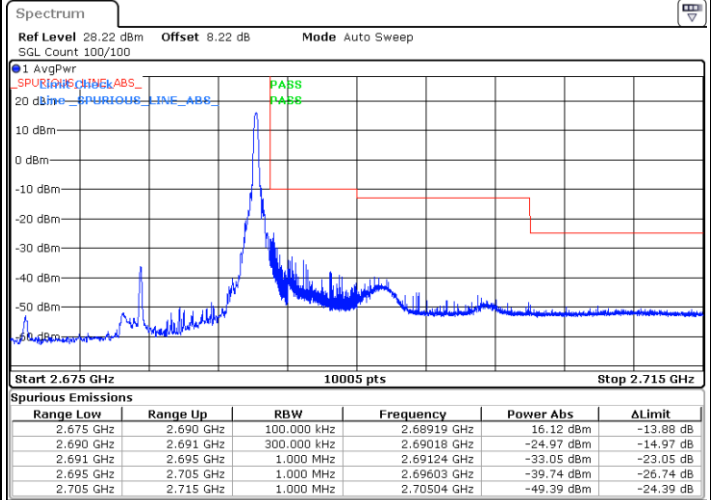
LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / 1RB



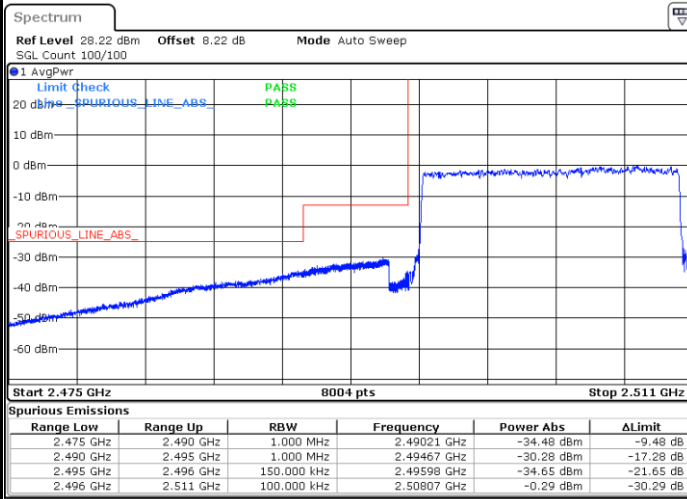
Date: 8 JAN 2023 03:54:23

Highest Band Edge / 1 RB



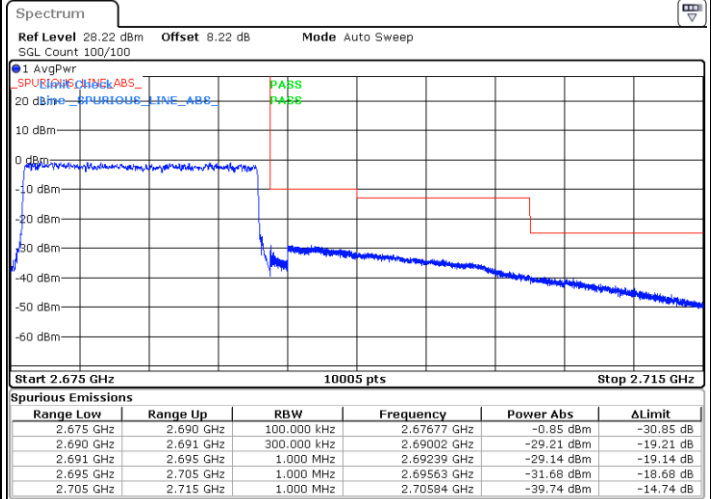
Date: 8 JAN 2023 04:04:36

Lowest Band Edge / Full RB



Date: 8 JAN 2023 03:56:03

Highest Band Edge / Full RB

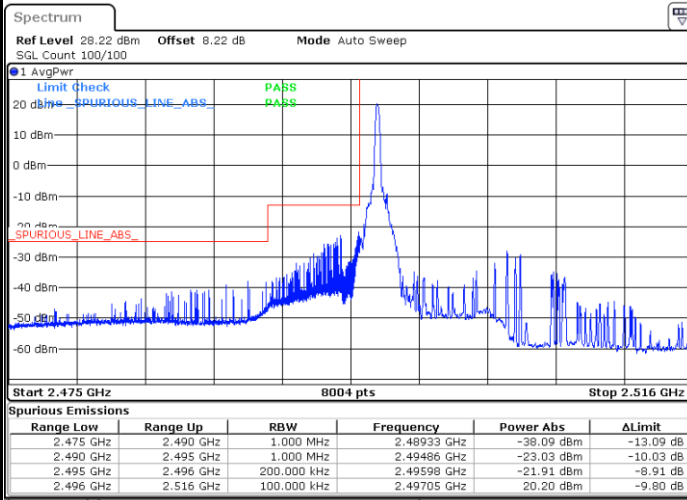


Date: 8 JAN 2023 04:05:30



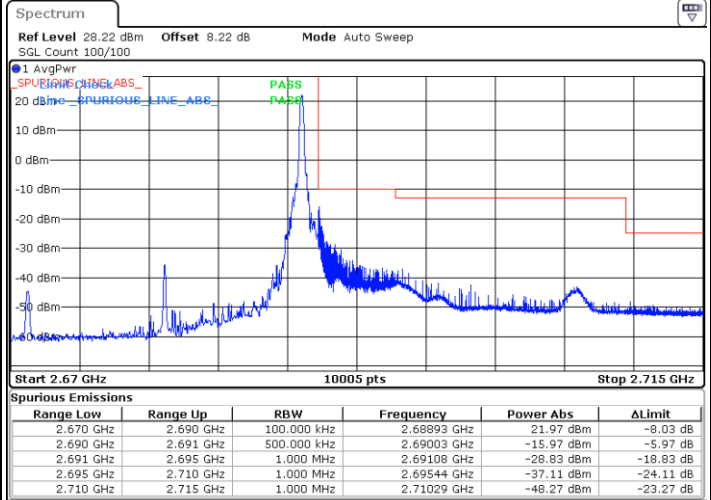
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



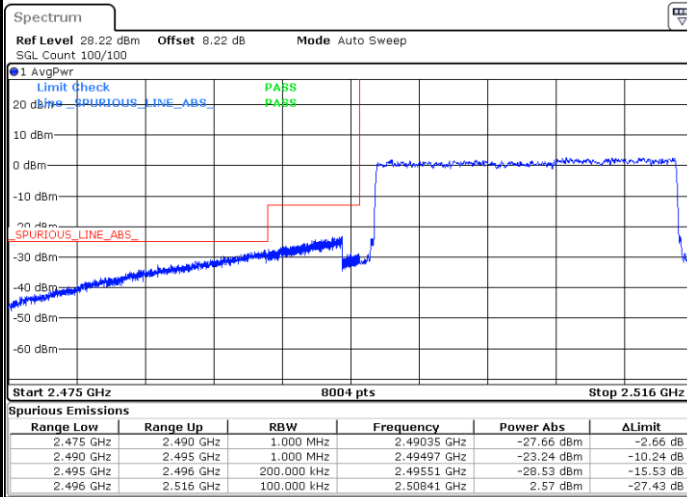
Date: 8 JAN 2023 04:10:13

Highest Band Edge / 1 RB



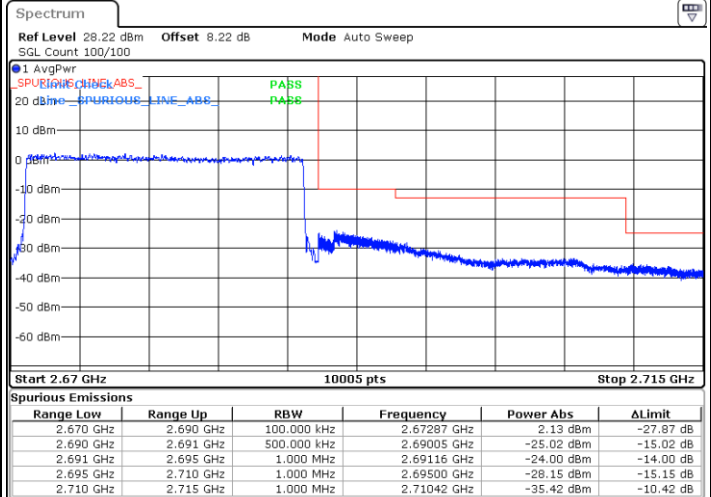
Date: 8 JAN 2023 04:21:34

Lowest Band Edge / Full RB



Date: 8 JAN 2023 04:18:03

Highest Band Edge / Full RB

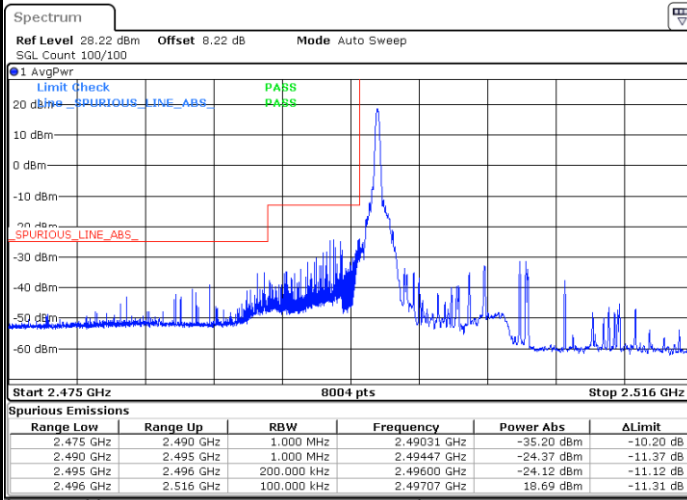


Date: 8 JAN 2023 04:27:31



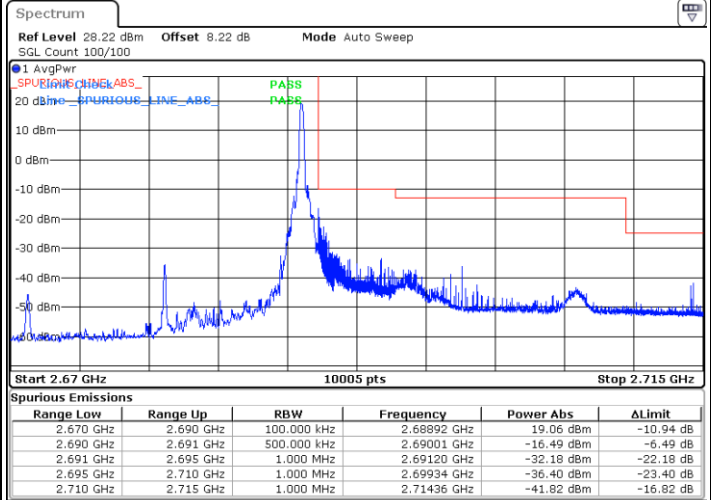
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



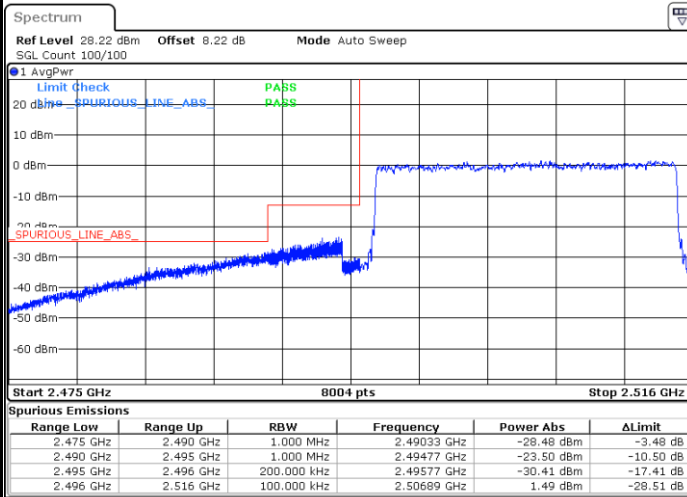
Date: 8 JAN 2023 04:11:55

Highest Band Edge / 1 RB



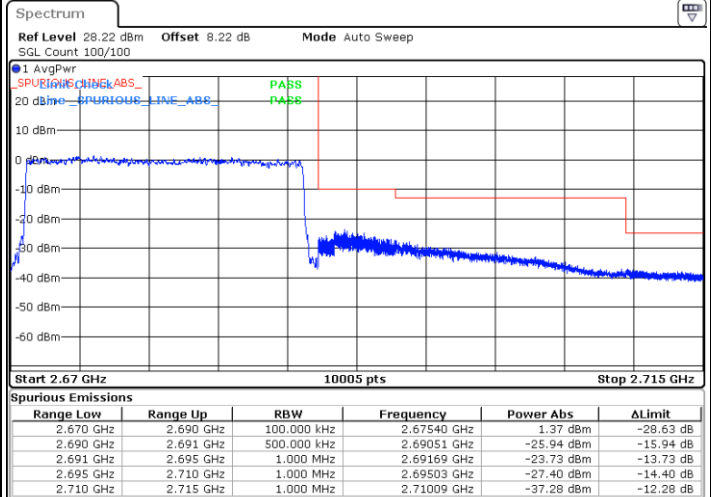
Date: 8 JAN 2023 04:22:25

Lowest Band Edge / Full RB



Date: 8 JAN 2023 04:17:12

Highest Band Edge / Full RB

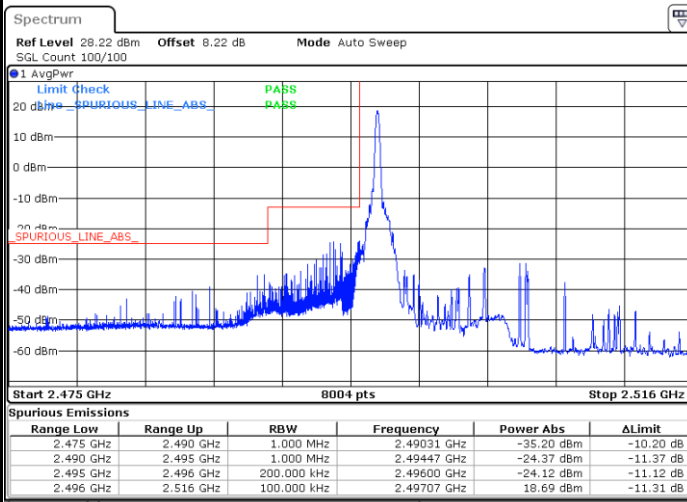


Date: 8 JAN 2023 04:26:41



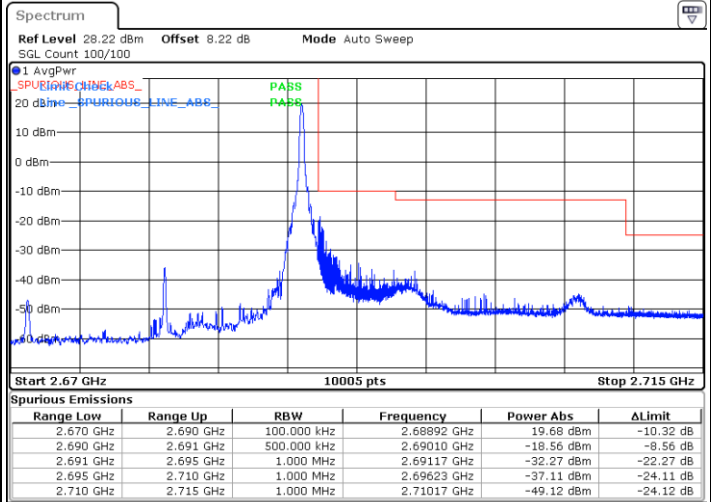
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



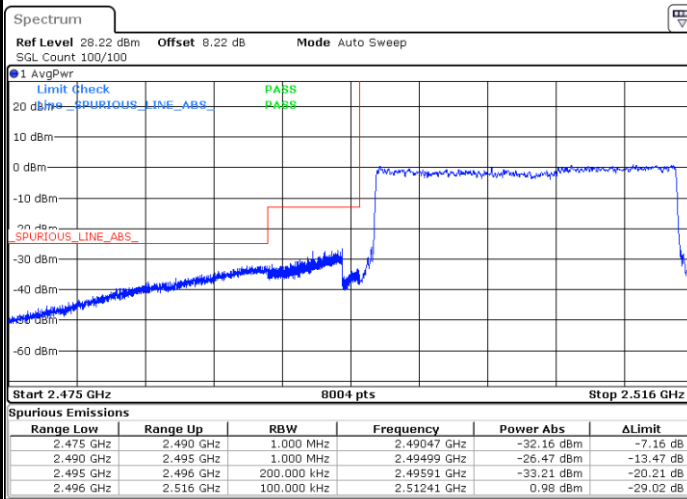
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Highest Band Edge / 1 RB



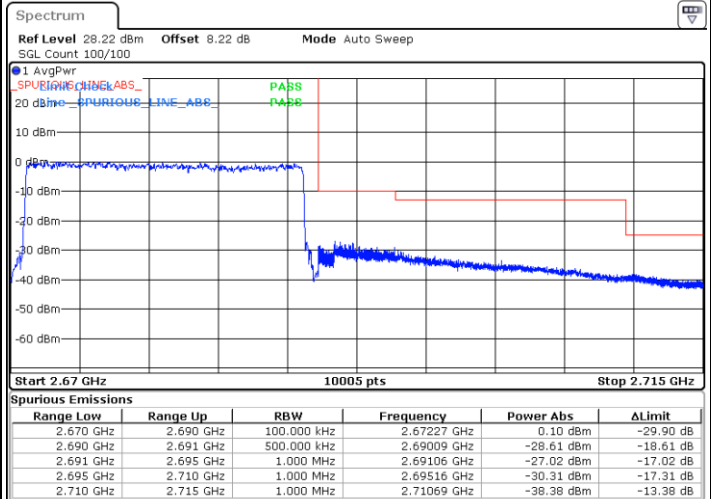
Date: 8 JAN 2023 04:23:15

Lowest Band Edge / Full RB



Date: 8 JAN 2023 04:16:22

Highest Band Edge / Full RB



Date: 8 JAN 2023 04:25:50