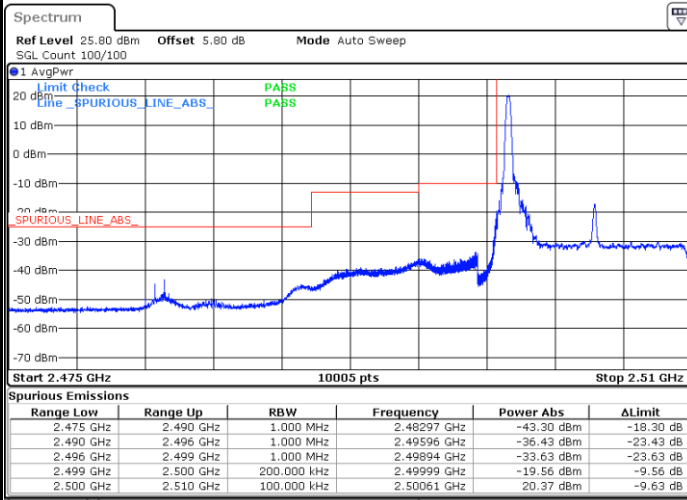




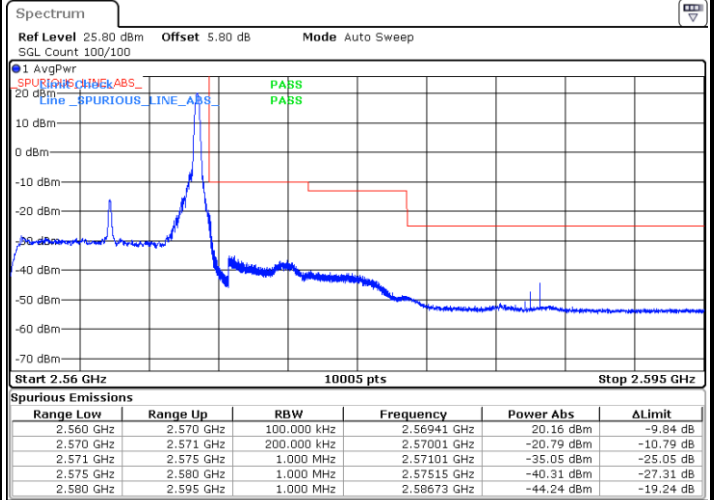
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



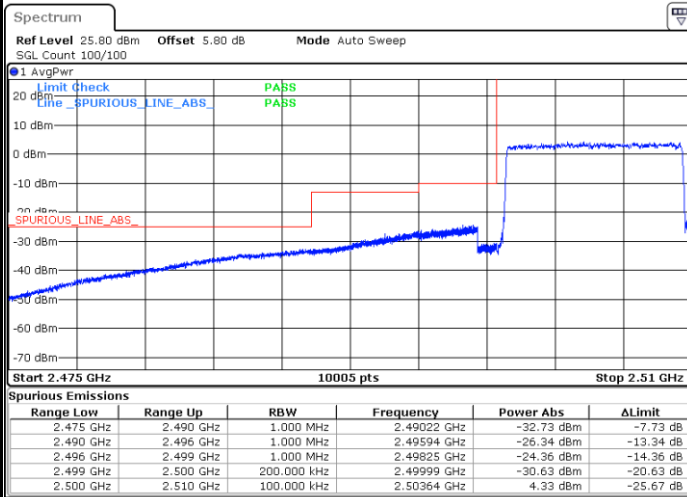
Date: 30.NOV.2021 09:01:37

Highest Band Edge / 1 RB



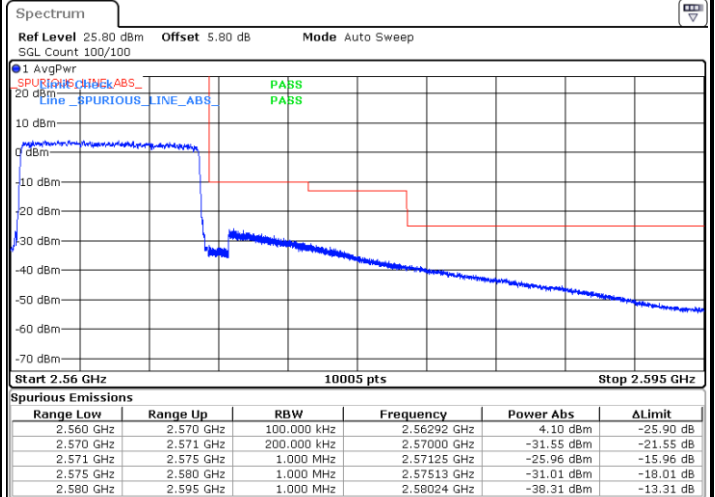
Date: 30.NOV.2021 09:13:41

Lowest Band Edge / Full RB



Date: 30.NOV.2021 09:05:46

Highest Band Edge / Full RB

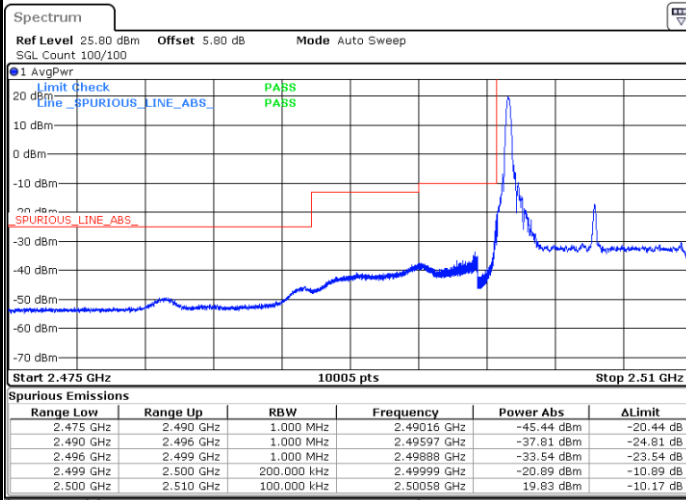


Date: 30.NOV.2021 09:17:54



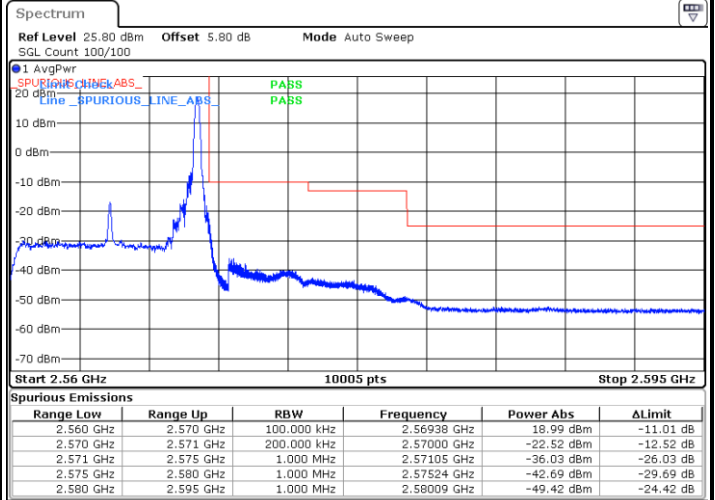
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



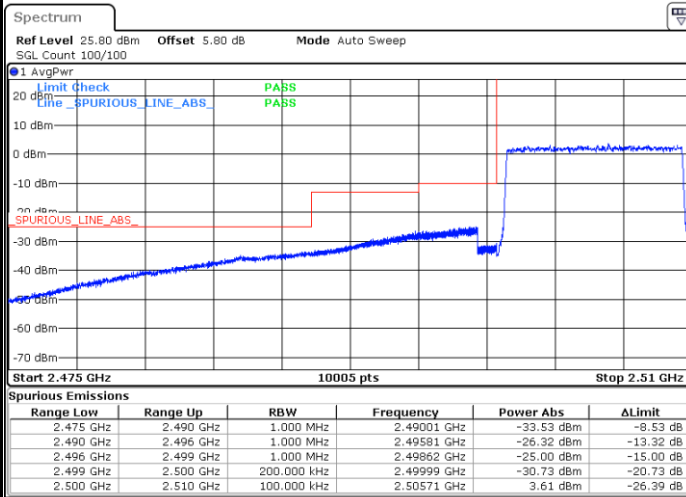
Date: 30.NOV.2021 09:03:00

Highest Band Edge / 1 RB



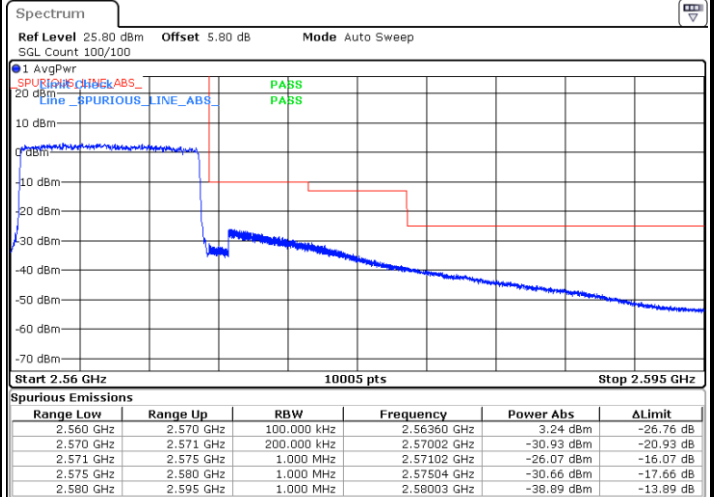
Date: 30.NOV.2021 09:15:05

Lowest Band Edge / Full RB



Date: 30.NOV.2021 09:04:23

Highest Band Edge / Full RB

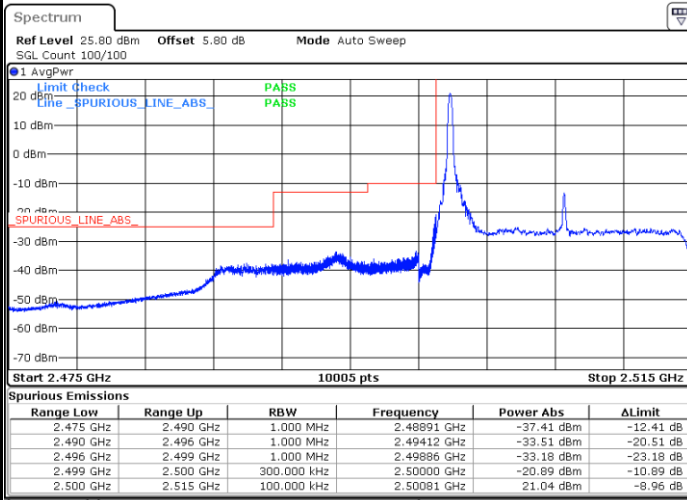


Date: 30.NOV.2021 09:16:28



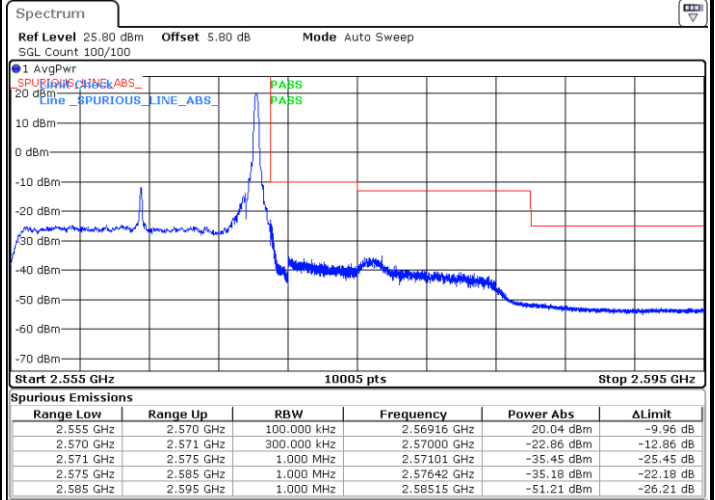
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



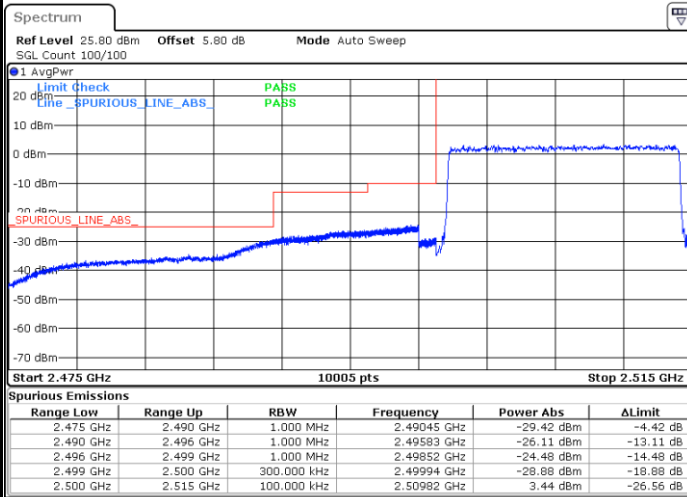
Date: 30.NOV.2021 09:22:24

Highest Band Edge / 1 RB



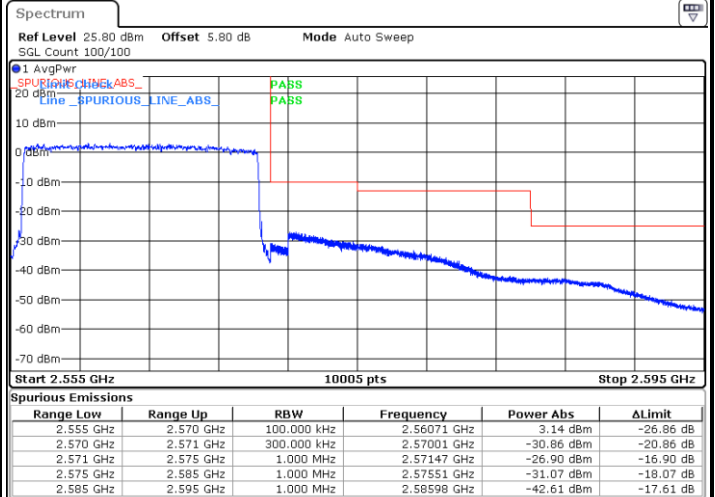
Date: 30.NOV.2021 09:34:29

Lowest Band Edge / Full RB



Date: 30.NOV.2021 09:29:21

Highest Band Edge / Full RB

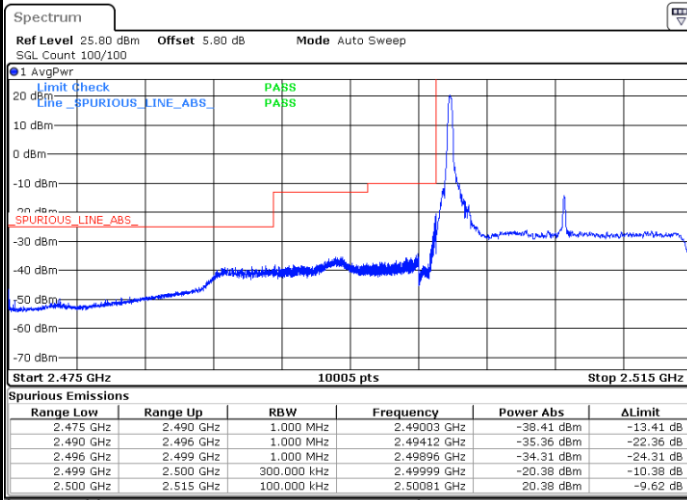


Date: 30.NOV.2021 09:41:25



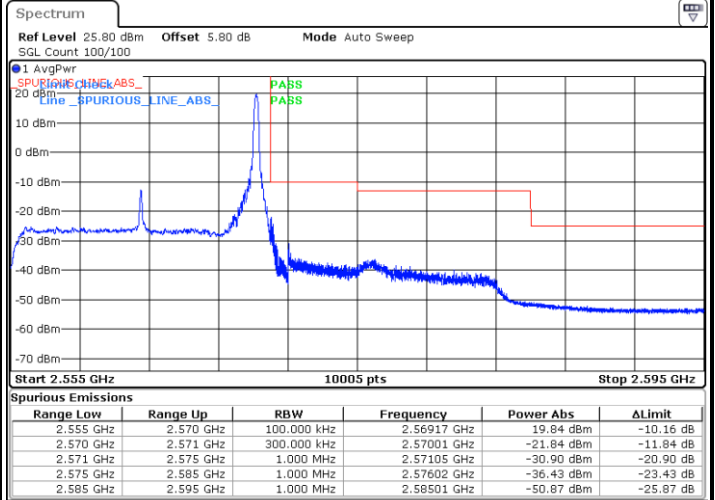
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



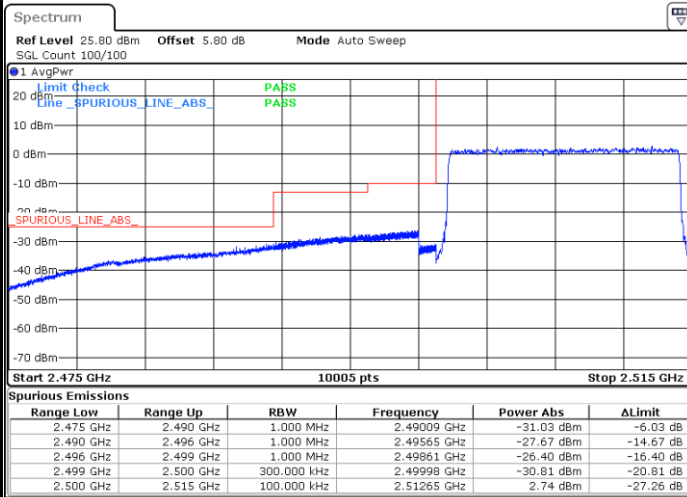
Date: 30.NOV.2021 09:23:47

Highest Band Edge / 1 RB



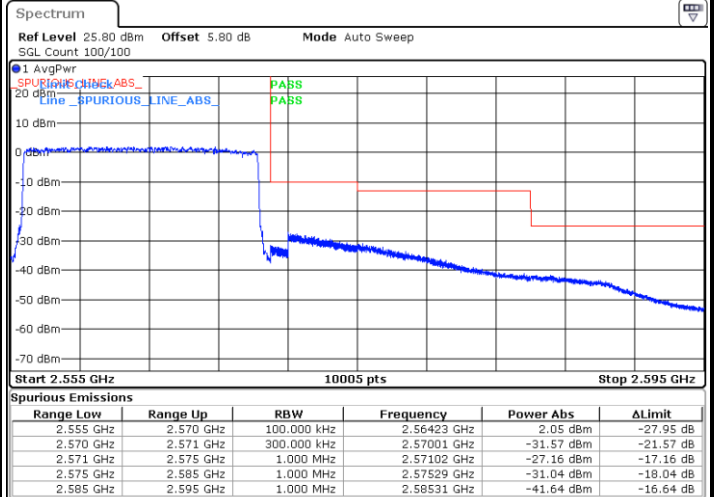
Date: 30.NOV.2021 09:35:52

Lowest Band Edge / Full RB



Date: 30.NOV.2021 09:27:58

Highest Band Edge / Full RB

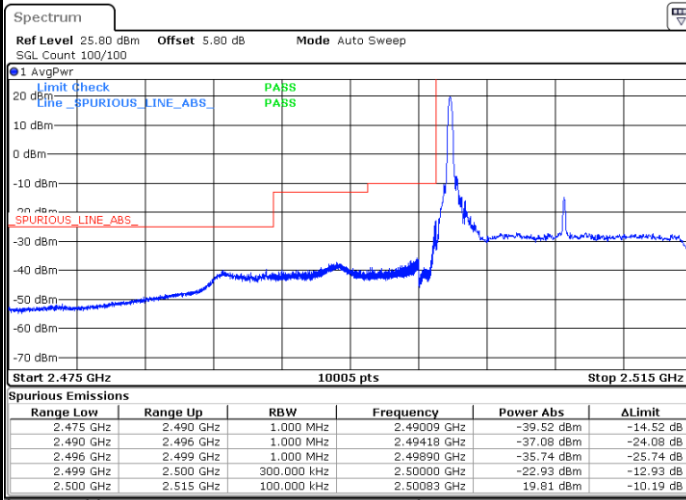


Date: 30.NOV.2021 09:40:02



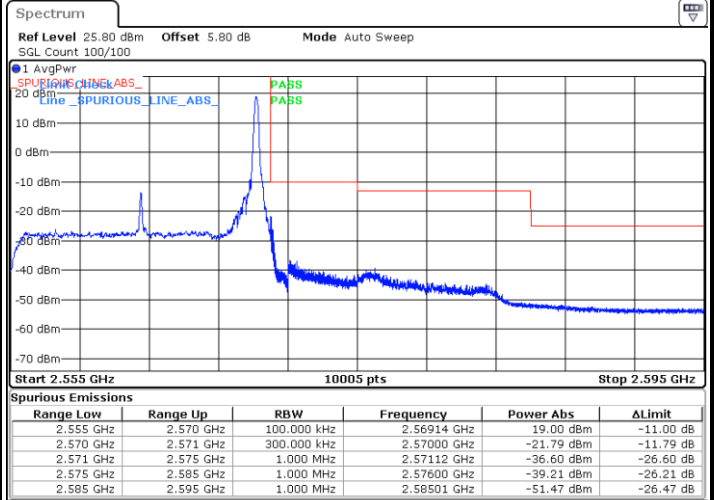
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



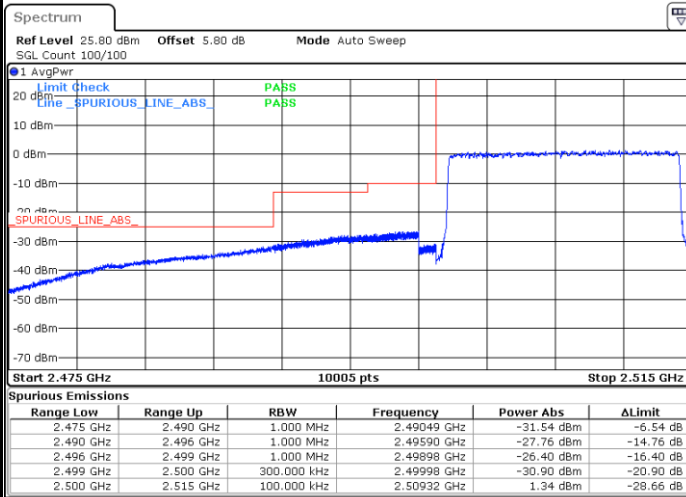
Date: 30.NOV.2021 09:25:11

Highest Band Edge / 1 RB



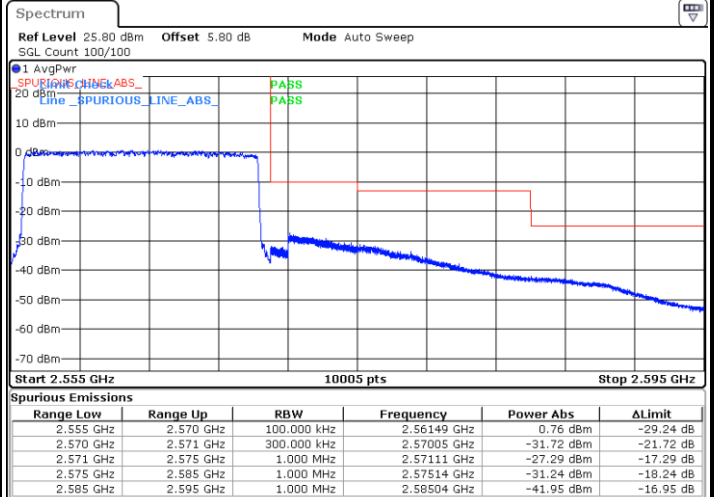
Date: 30.NOV.2021 09:37:15

Lowest Band Edge / Full RB



Date: 30.NOV.2021 09:26:35

Highest Band Edge / Full RB

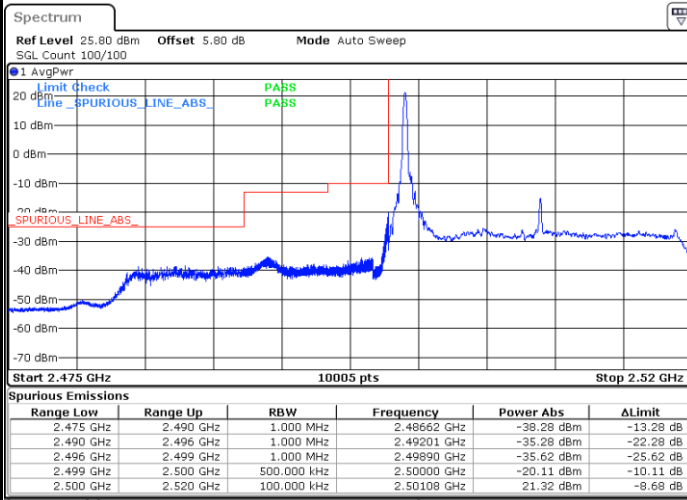


Date: 30.NOV.2021 09:38:39



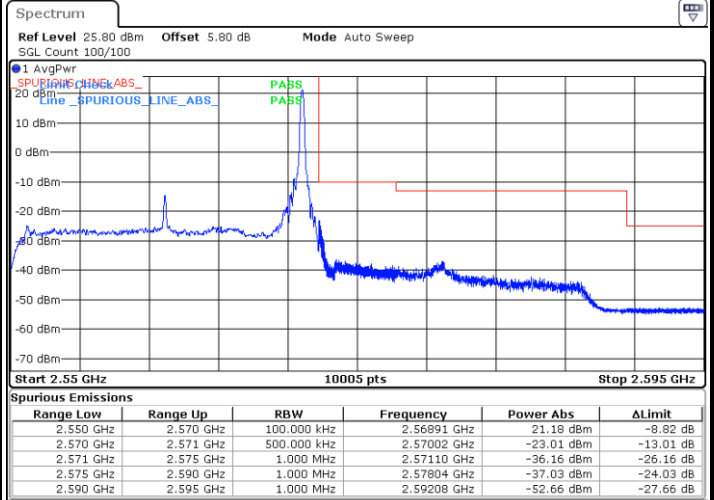
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



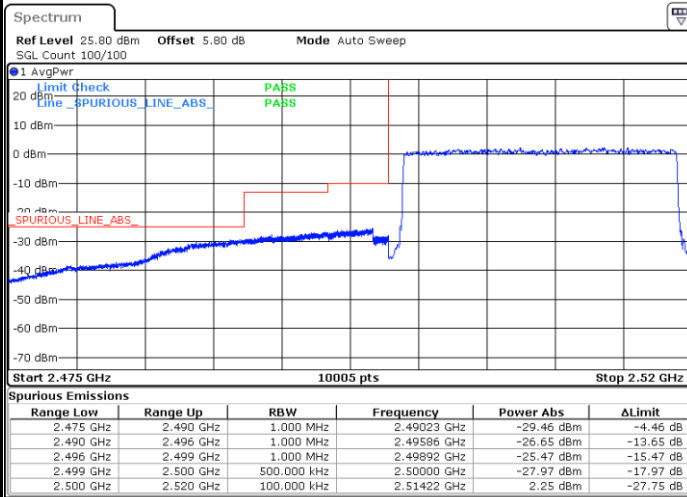
Date: 30.NOV.2021 09:44:32

Highest Band Edge / 1 RB



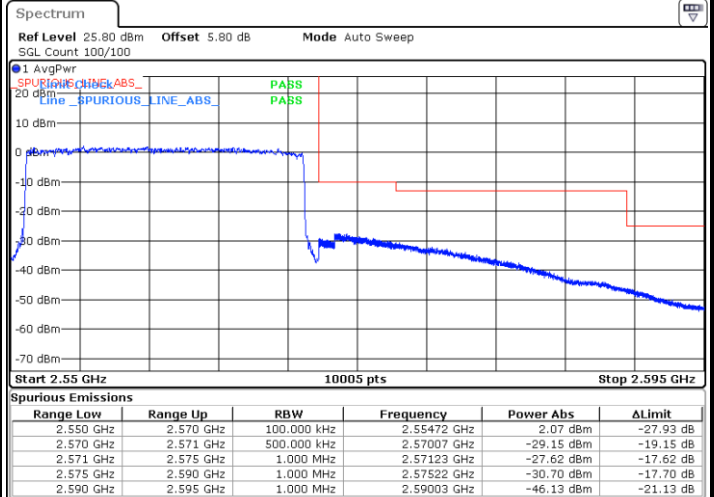
Date: 30.NOV.2021 09:56:36

Lowest Band Edge / Full RB



Date: 30.NOV.2021 09:51:29

Highest Band Edge / Full RB

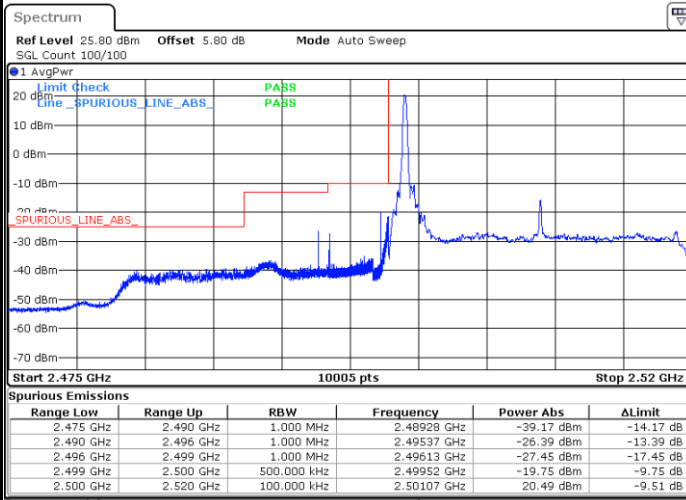


Date: 30.NOV.2021 10:03:32



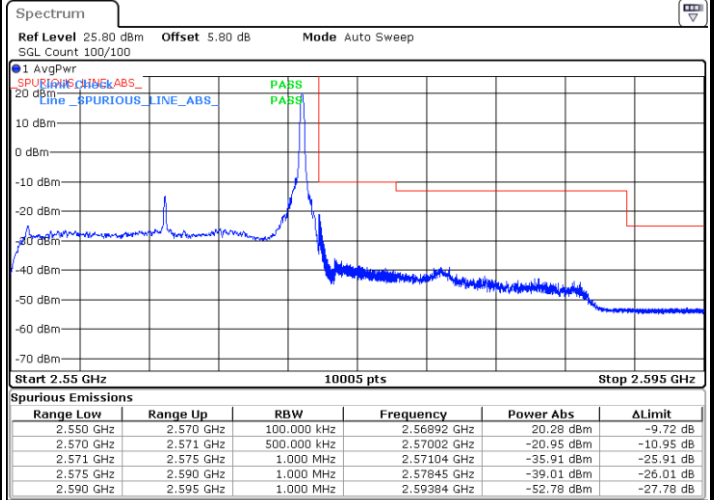
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



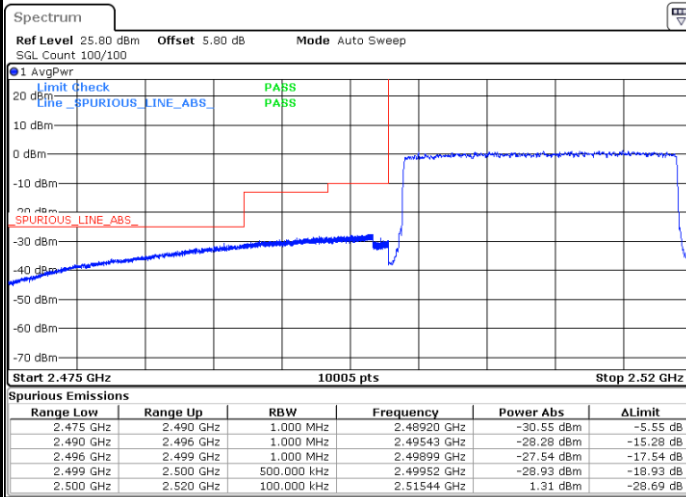
Date: 30.NOV.2021 09:45:56

Highest Band Edge / 1 RB



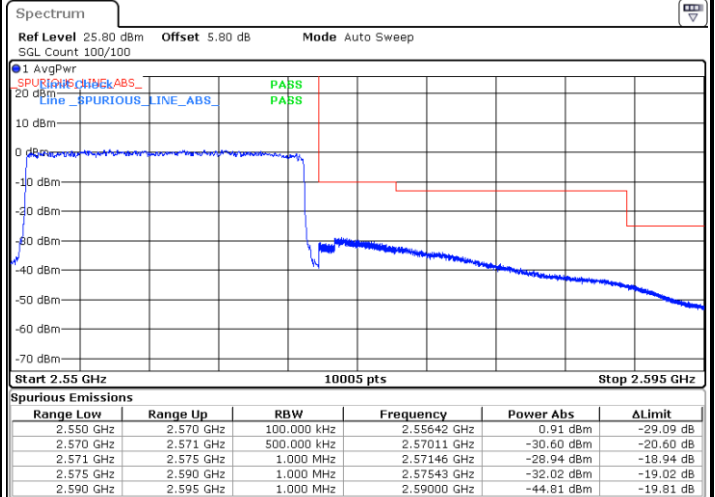
Date: 30.NOV.2021 09:58:00

Lowest Band Edge / Full RB



Date: 30.NOV.2021 09:50:05

Highest Band Edge / Full RB

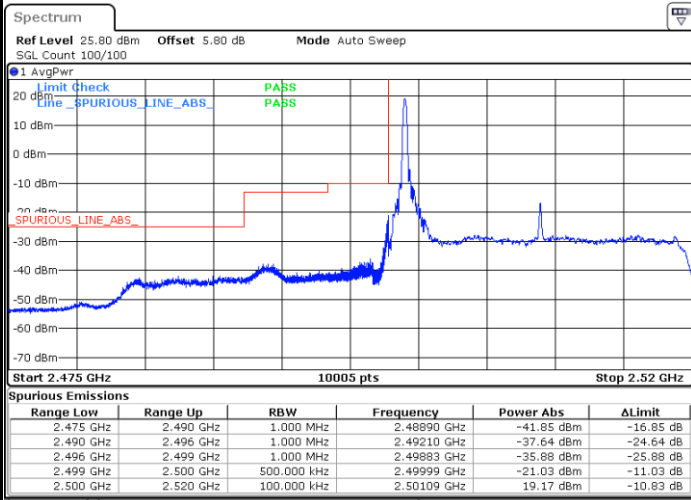


Date: 30.NOV.2021 10:02:09



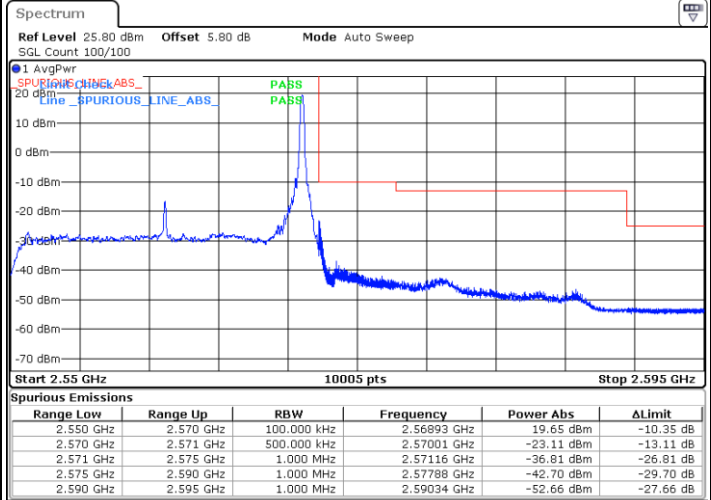
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



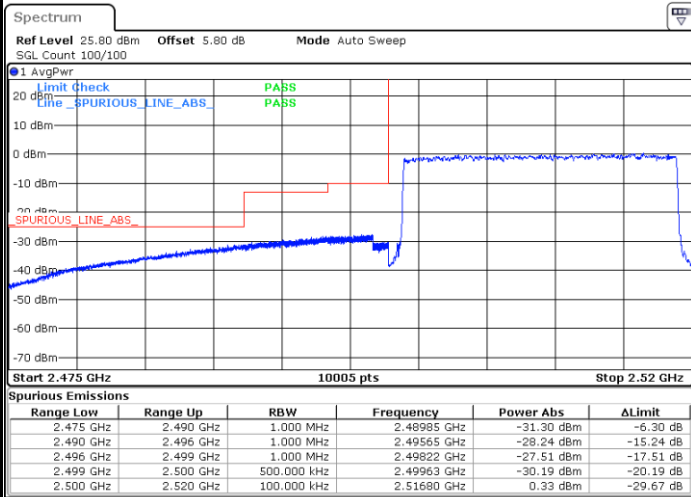
Date: 30.NOV.2021 09:47:19

Highest Band Edge / 1 RB



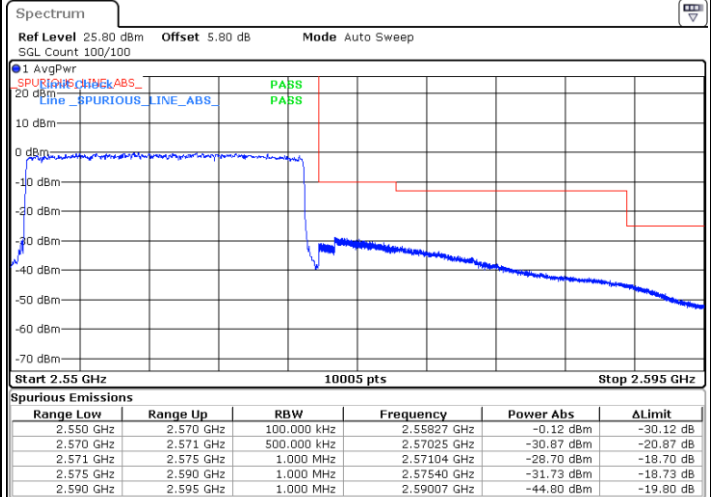
Date: 30.NOV.2021 09:59:23

Lowest Band Edge / Full RB



Date: 30.NOV.2021 09:48:42

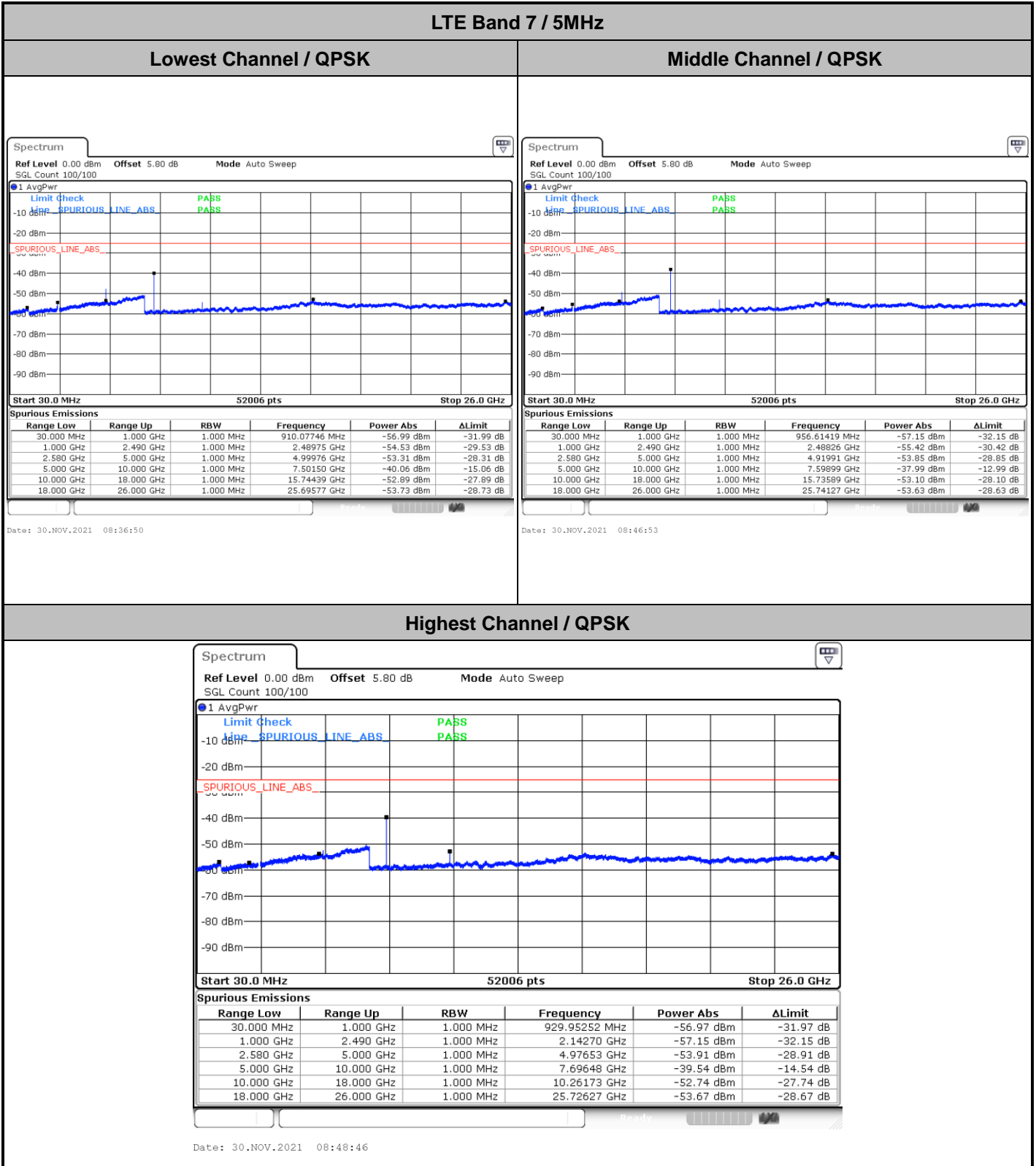
Highest Band Edge / Full RB



Date: 30.NOV.2021 10:00:46



Conducted Spurious Emission

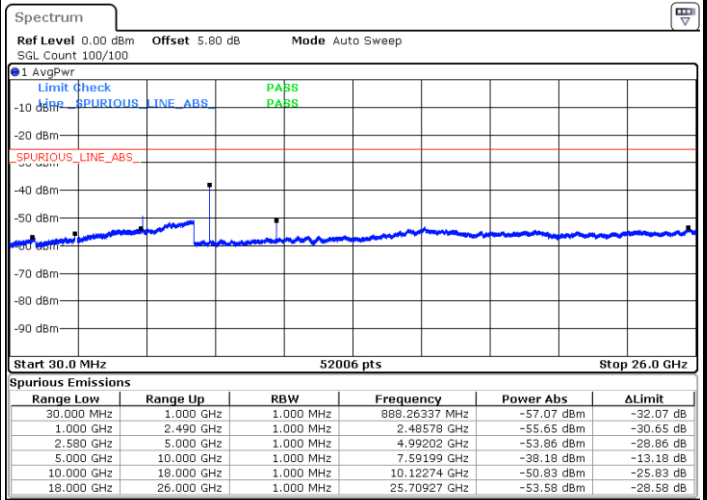
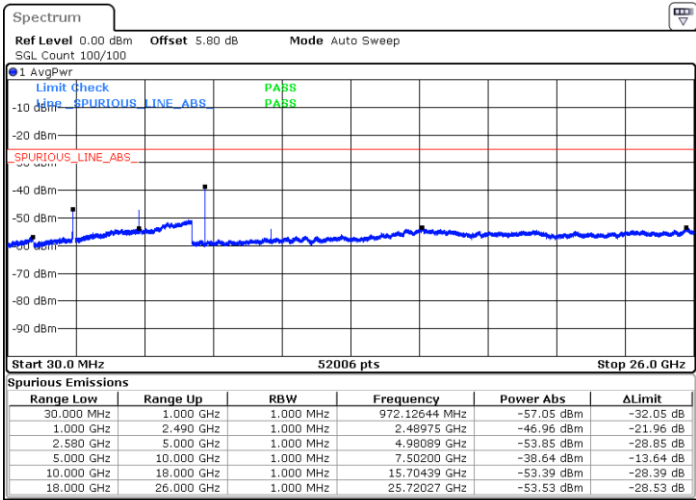




LTE Band 7 / 10MHz

Lowest Channel / QPSK

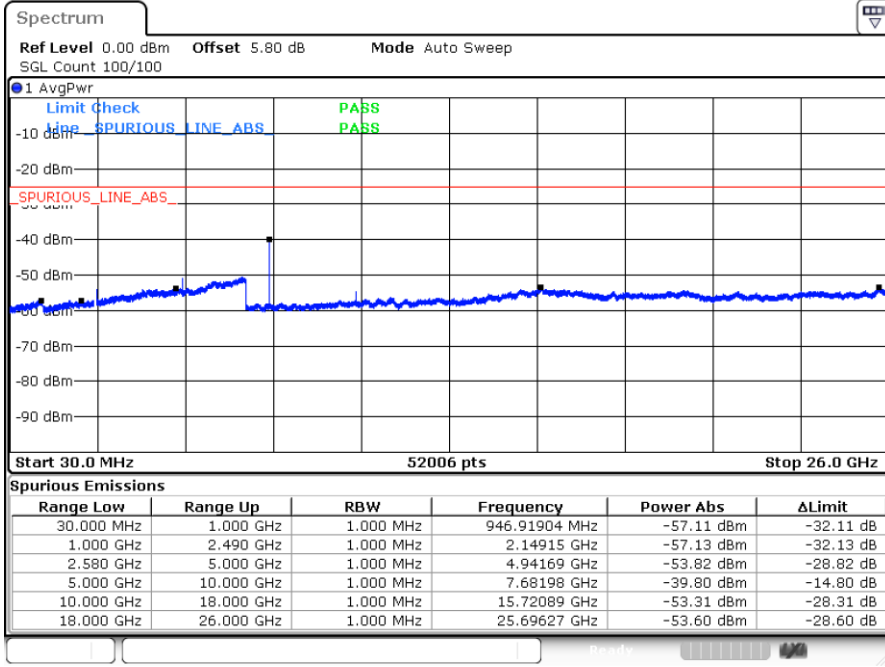
Middle Channel / QPSK



Date: 30.NOV.2021 08:58:58

Date: 30.NOV.2021 09:09:02

Highest Channel / QPSK



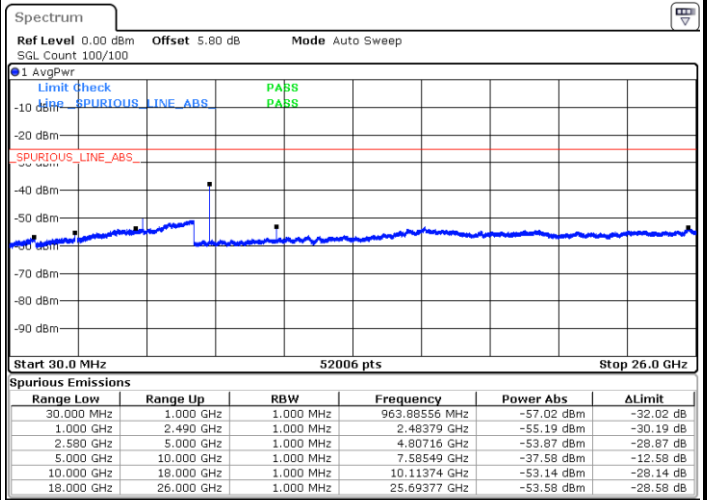
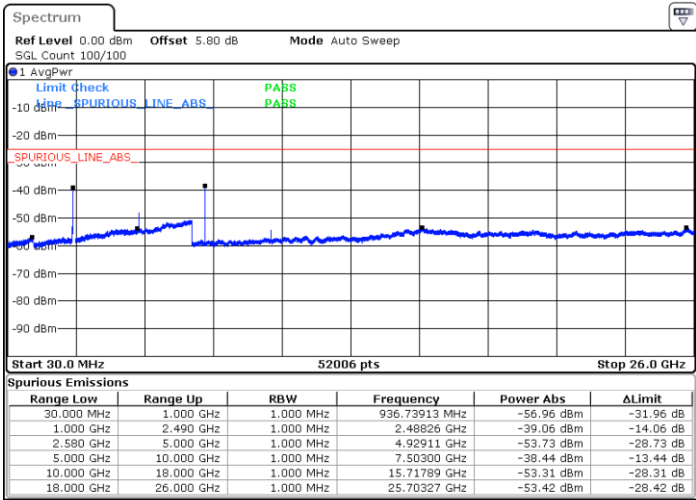
Date: 30.NOV.2021 09:10:55



LTE Band 7 / 15MHz

Lowest Channel / QPSK

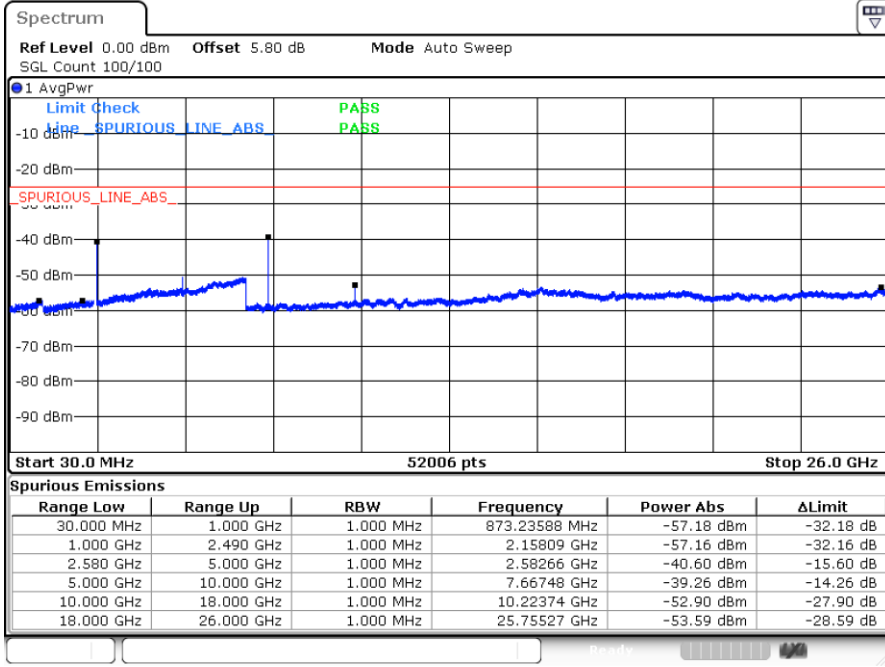
Middle Channel / QPSK



Date: 30.NOV.2021 09:21:10

Date: 30.NOV.2021 09:31:14

Highest Channel / QPSK



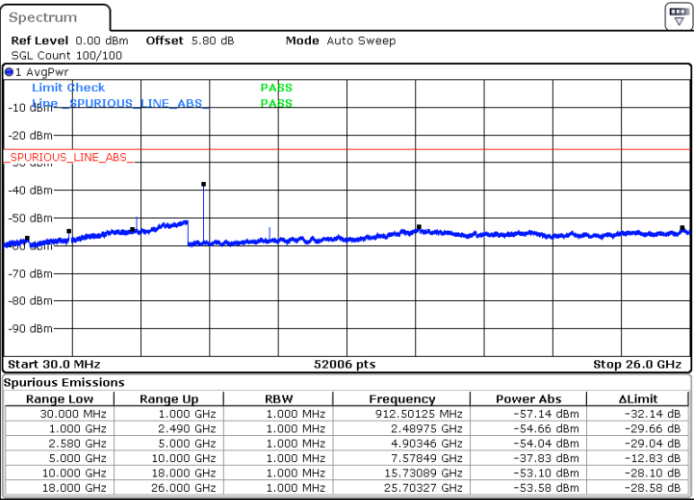
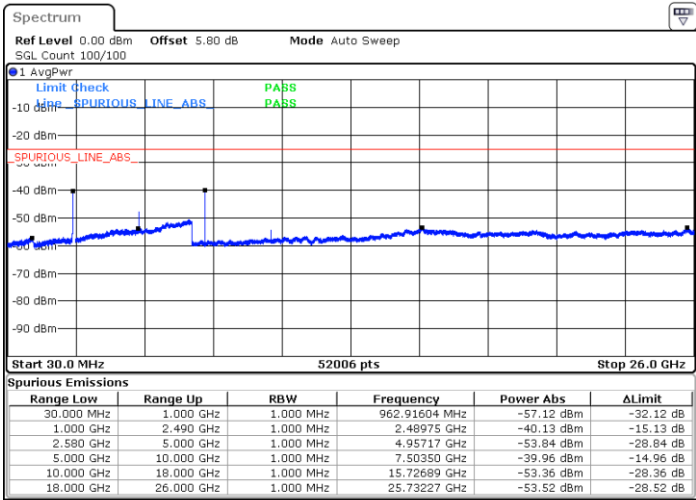
Date: 30.NOV.2021 09:33:06



LTE Band 7 / 20MHz

Lowest Channel / QPSK

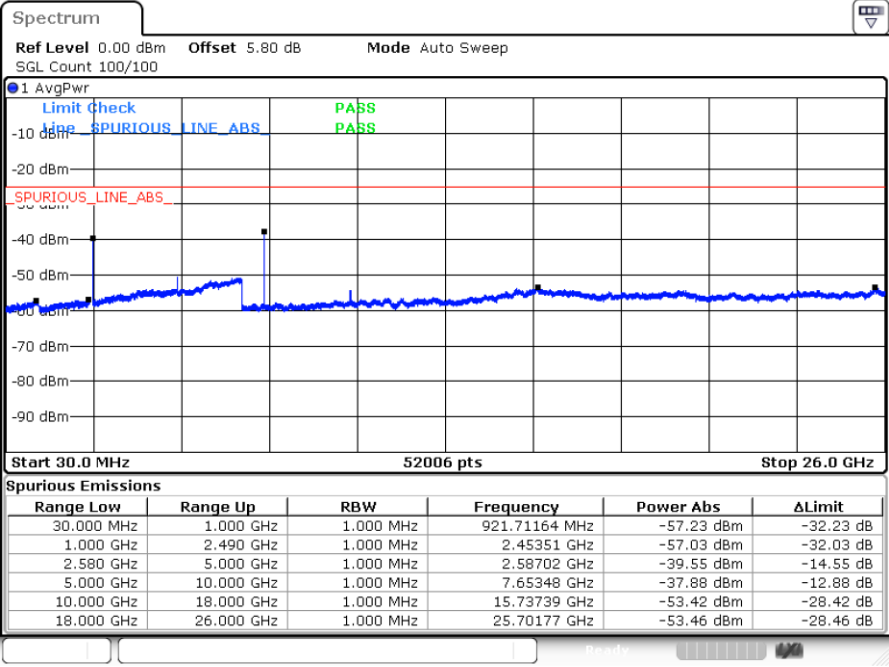
Middle Channel / QPSK



Date: 30.NOV.2021 09:43:18

Date: 30.NOV.2021 09:53:21

Highest Channel / QPSK



Date: 30.NOV.2021 09:55:13



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0023	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



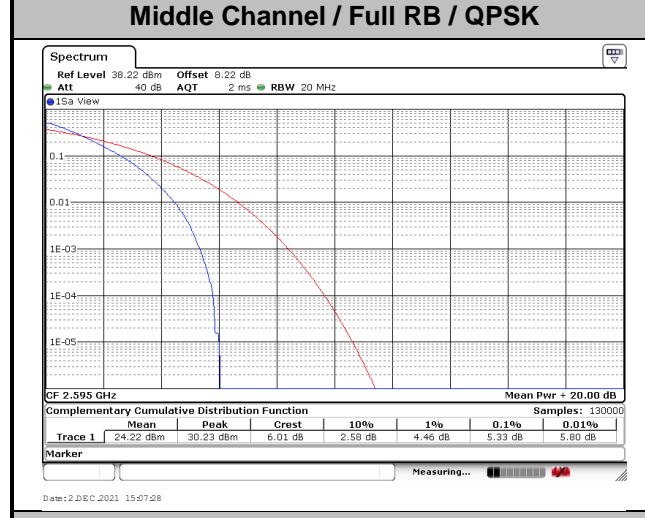
LTE Band 41

Peak-to-Average Ratio

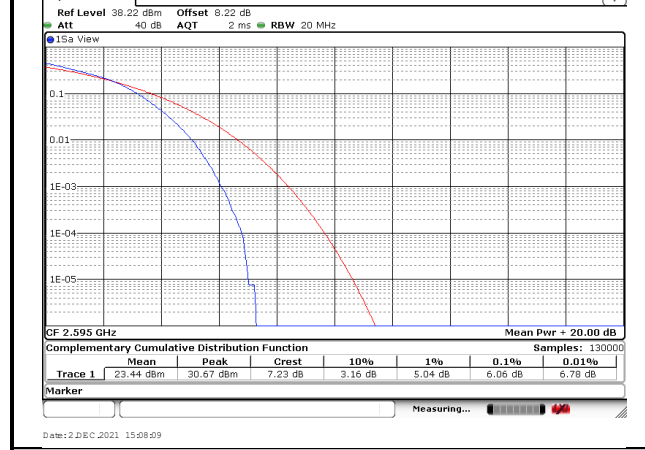
Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.33	6.06	6.72	PASS



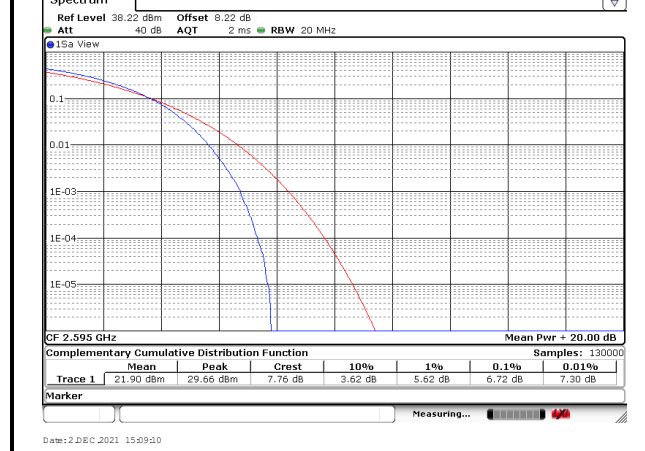
LTE Band 41 / 20MHz
Middle Channel / Full RB / QPSK



Middle Channel / Full RB / 16QAM



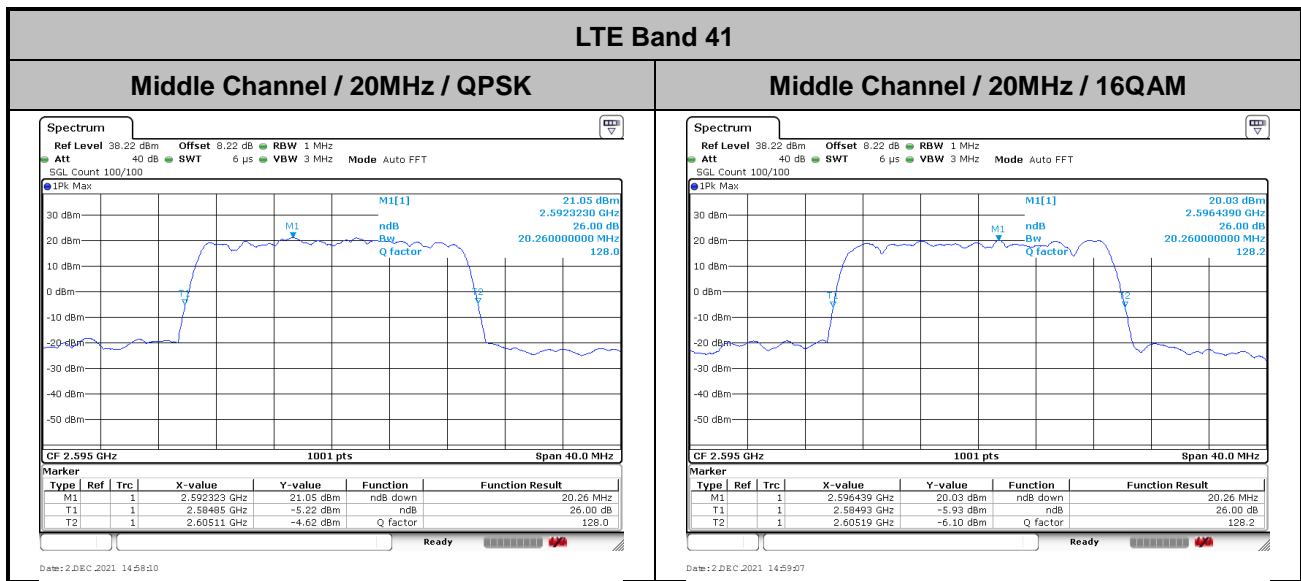
Middle Channel / Full RB / 64QAM





26dB Bandwidth

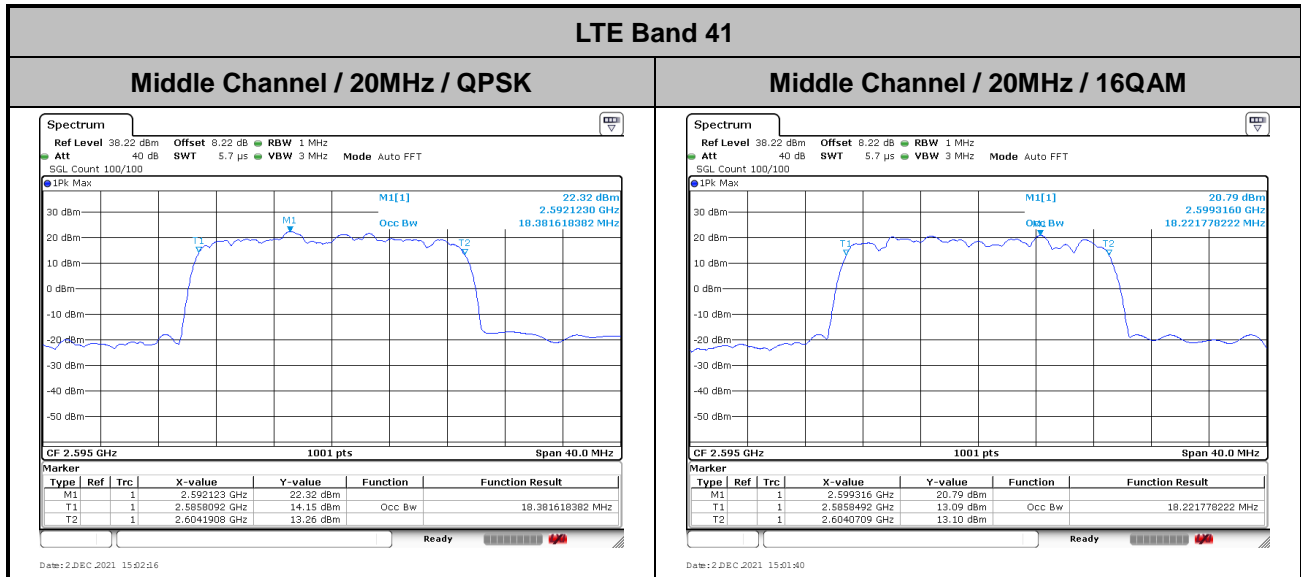
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.26	20.26





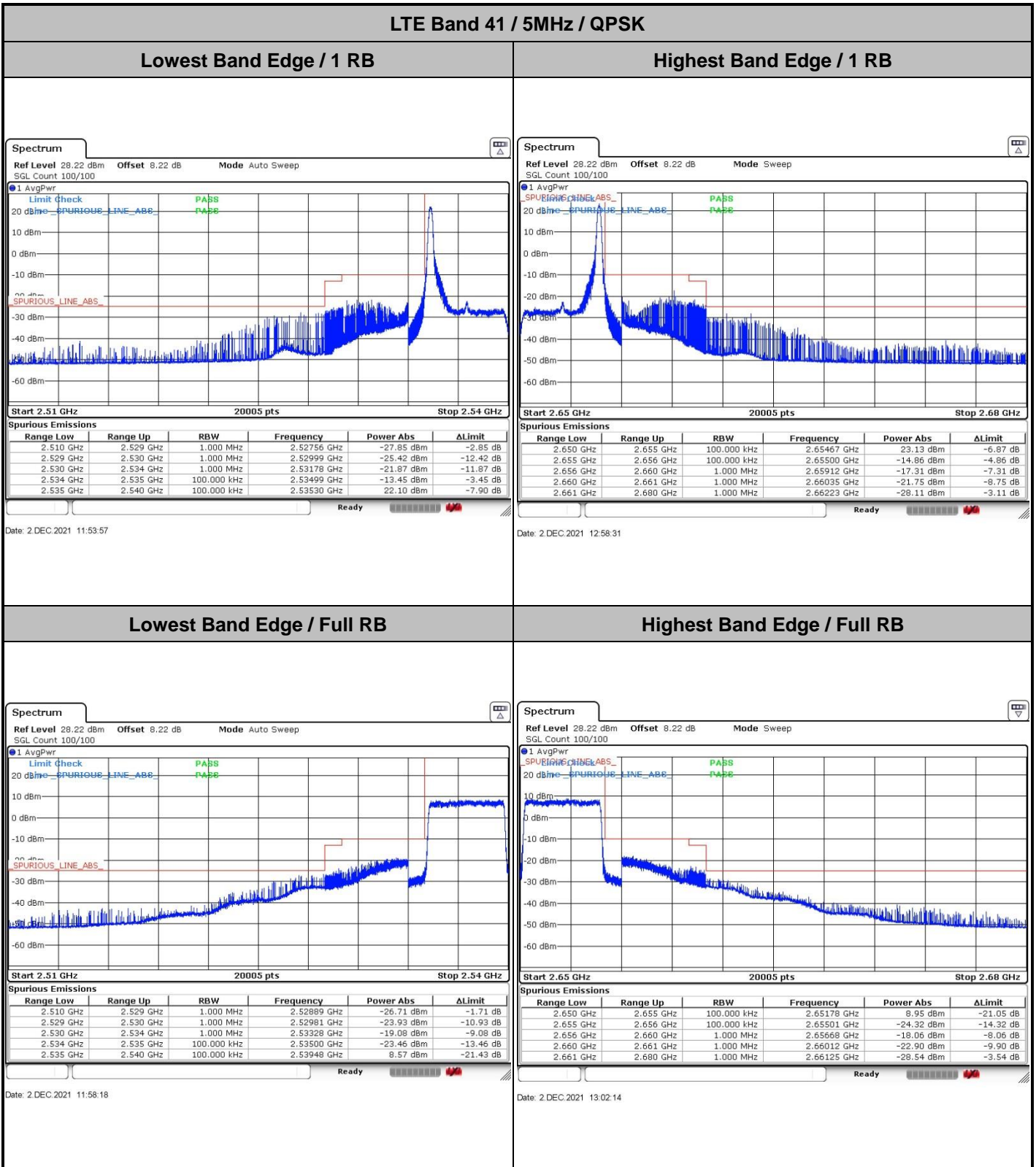
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.38	18.22





Conducted Band Edge

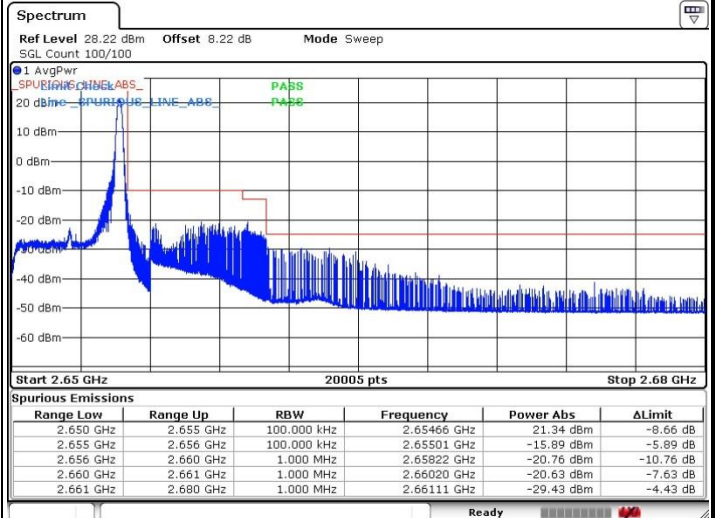
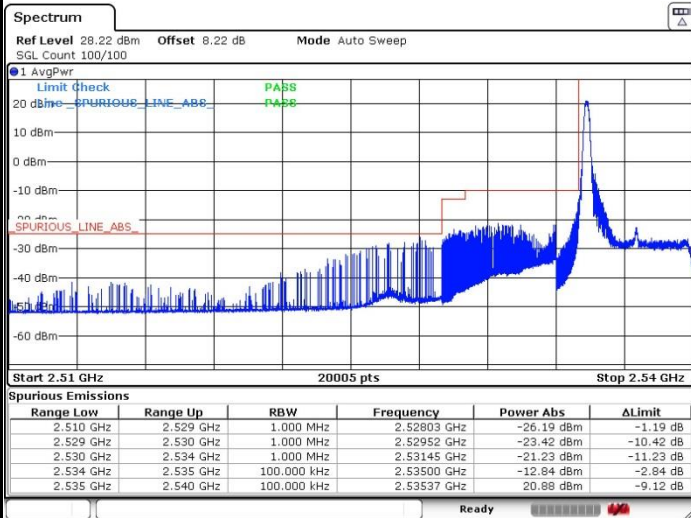




LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB

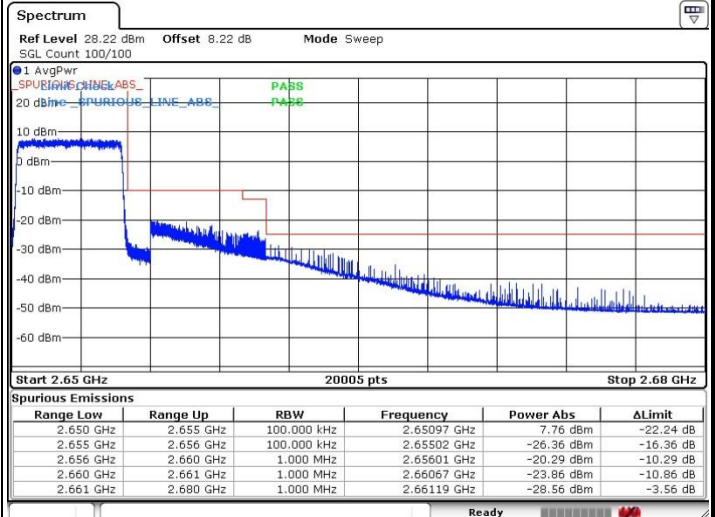
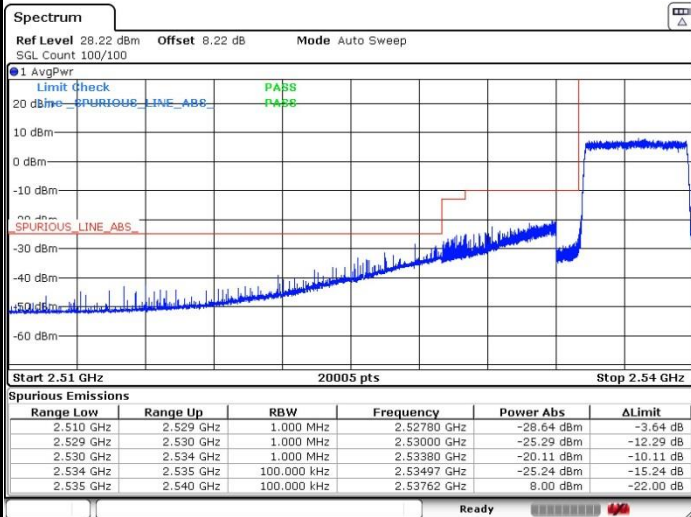


Date: 2 DEC.2021 11:56:39

Date: 2 DEC.2021 13:00:26

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



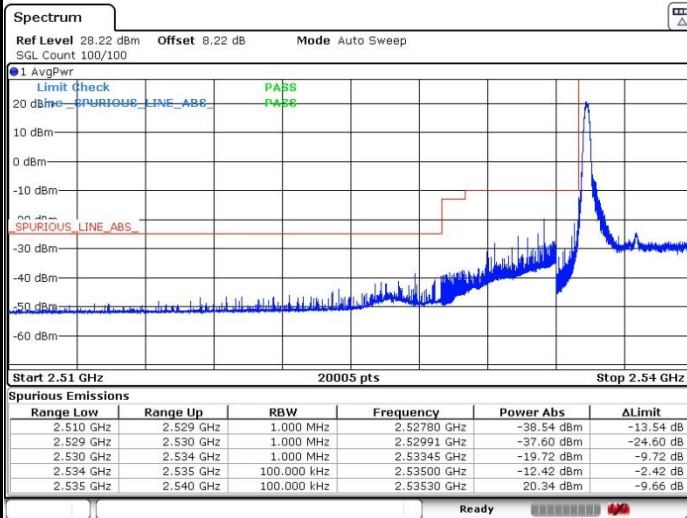
Date: 2 DEC.2021 11:59:37

Date: 2 DEC.2021 13:02:46



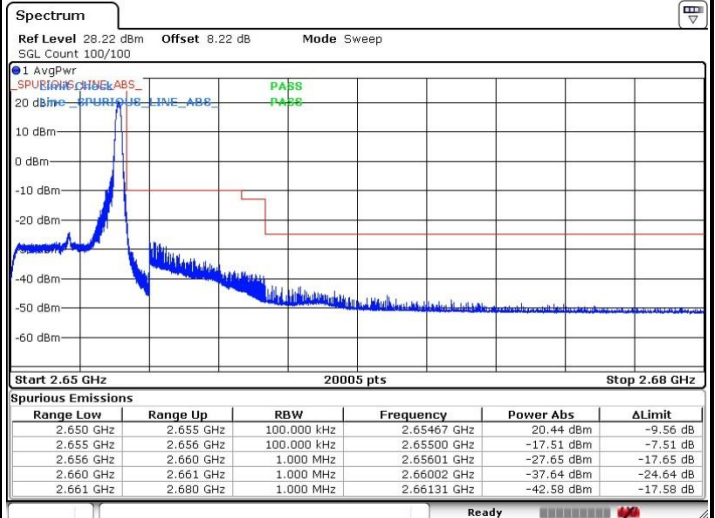
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



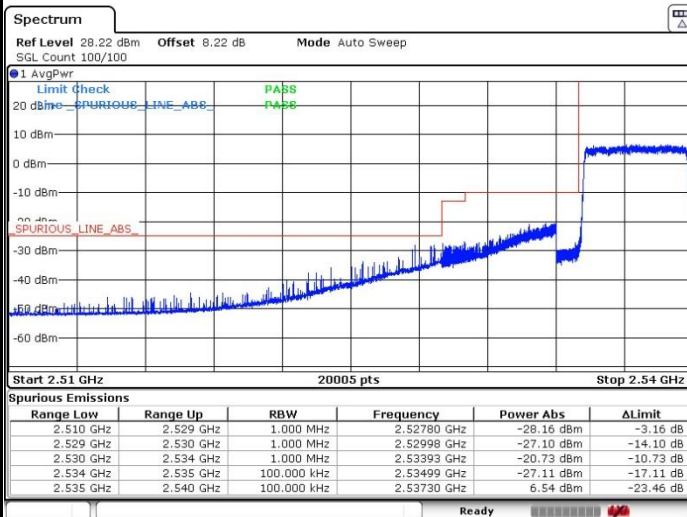
Date: 2 DEC.2021 11:57:04

Highest Band Edge / 1 RB



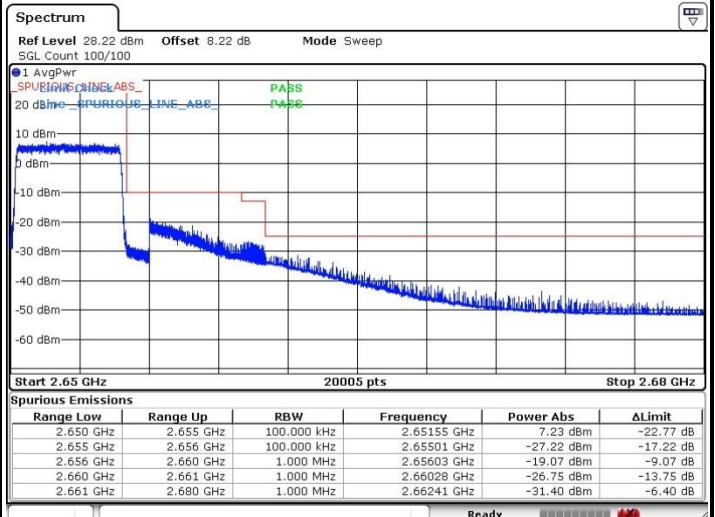
Date: 2 DEC.2021 13:01:31

Lowest Band Edge / Full RB



Date: 2 DEC.2021 12:00:17

Highest Band Edge / Full RB

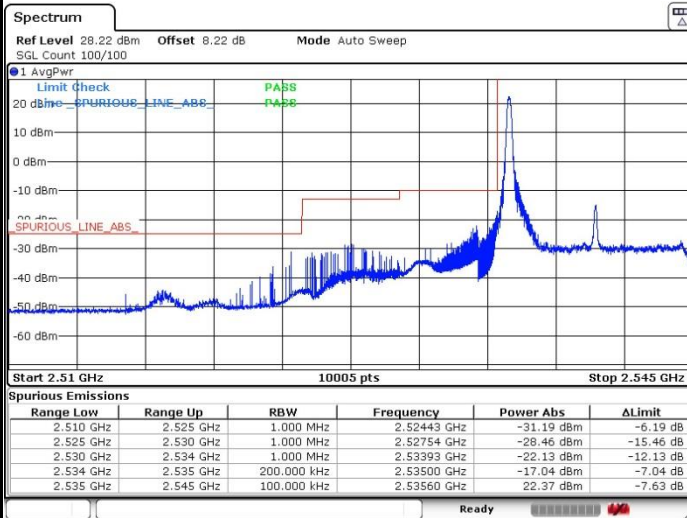


Date: 2 DEC.2021 13:03:11



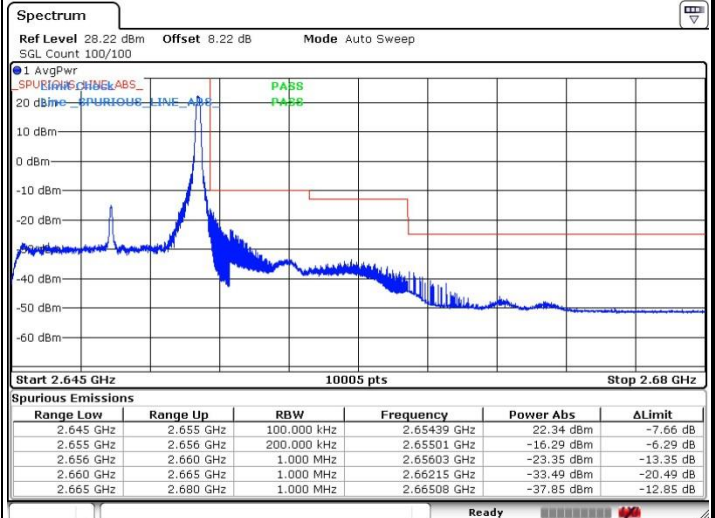
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



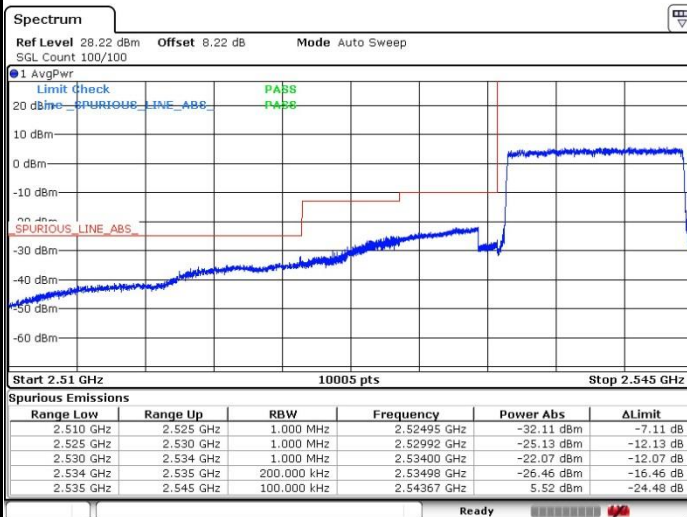
Date: 2 DEC.2021 13:51:21

Highest Band Edge / 1 RB



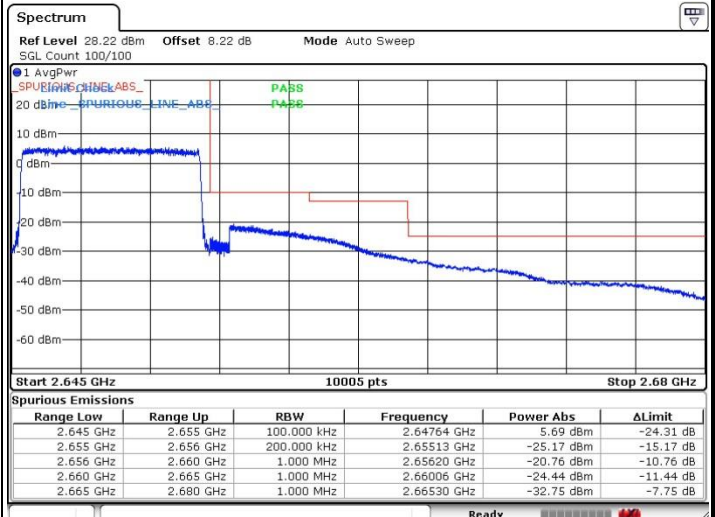
Date: 2 DEC.2021 13:36:02

Lowest Band Edge / Full RB



Date: 2 DEC.2021 13:55:13

Highest Band Edge / Full RB



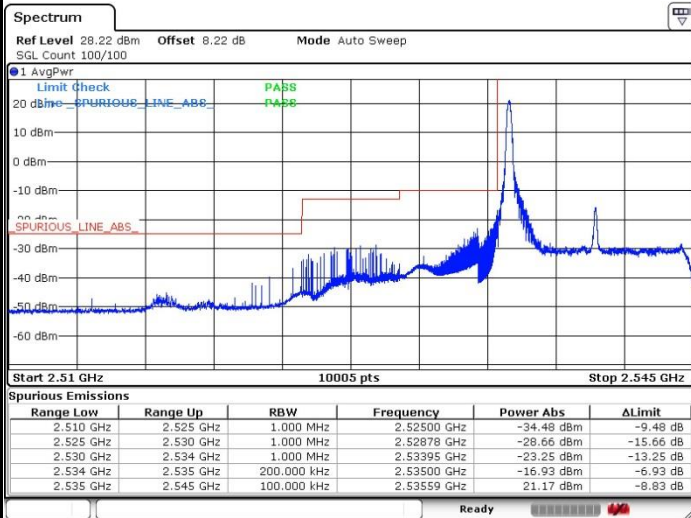
Date: 2 DEC.2021 13:39:09



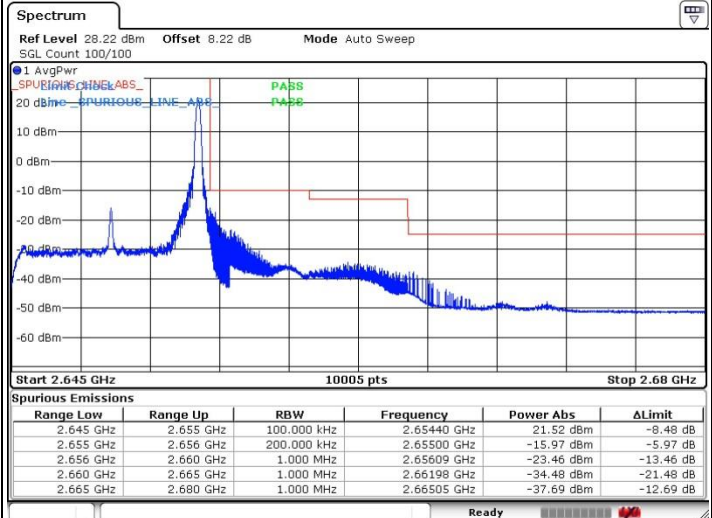
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



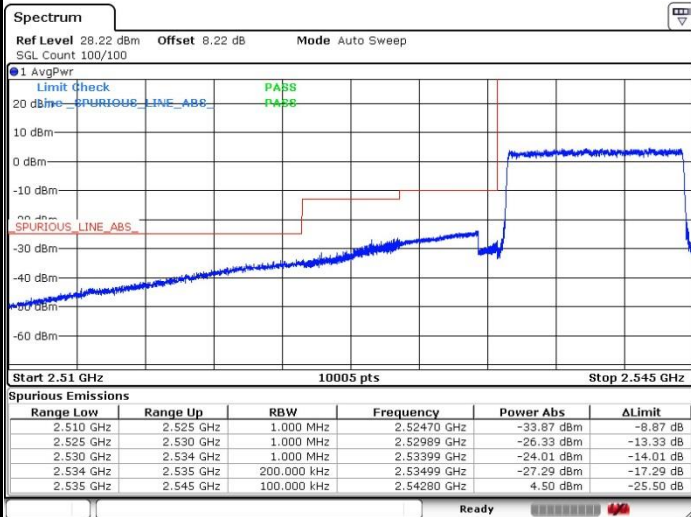
Date: 2 DEC.2021 13:53:13



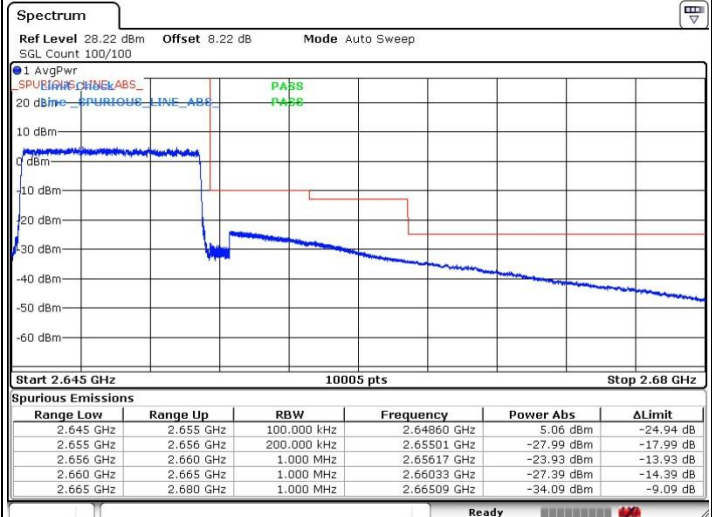
Date: 2 DEC.2021 13:37:21

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2 DEC.2021 13:56:06

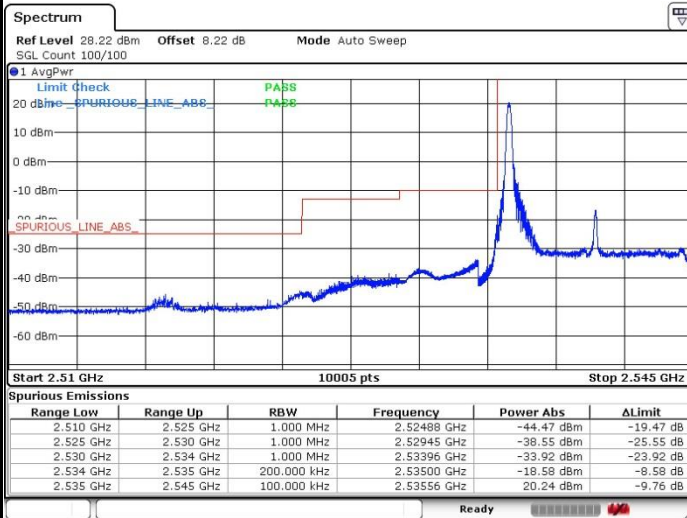


Date: 2 DEC.2021 13:39:42



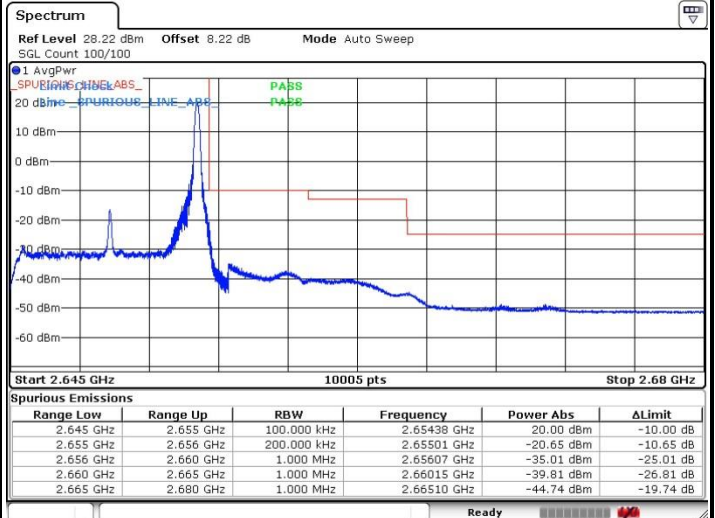
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



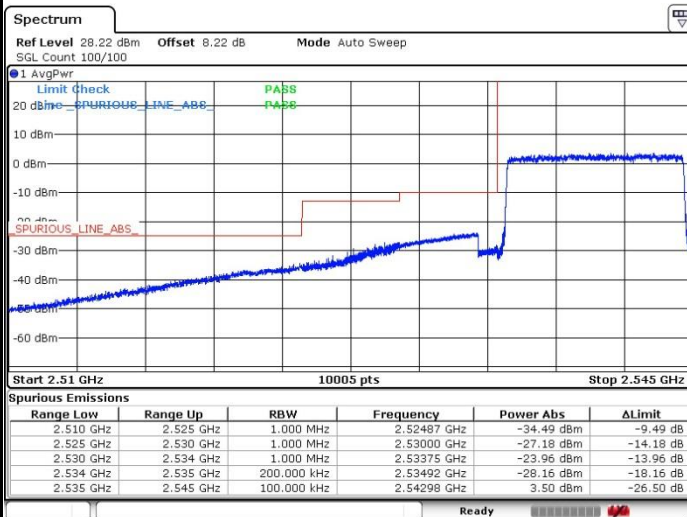
Date: 2 DEC.2021 13:54:02

Highest Band Edge / 1 RB



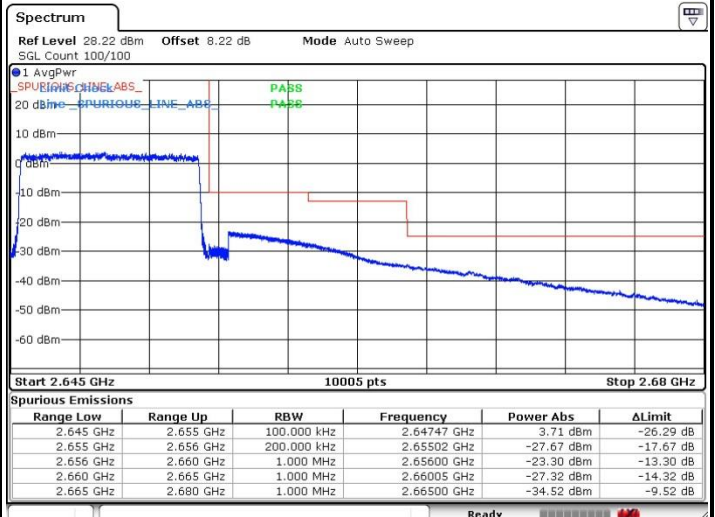
Date: 2 DEC.2021 13:37:59

Lowest Band Edge / Full RB



Date: 2 DEC.2021 13:56:37

Highest Band Edge / Full RB



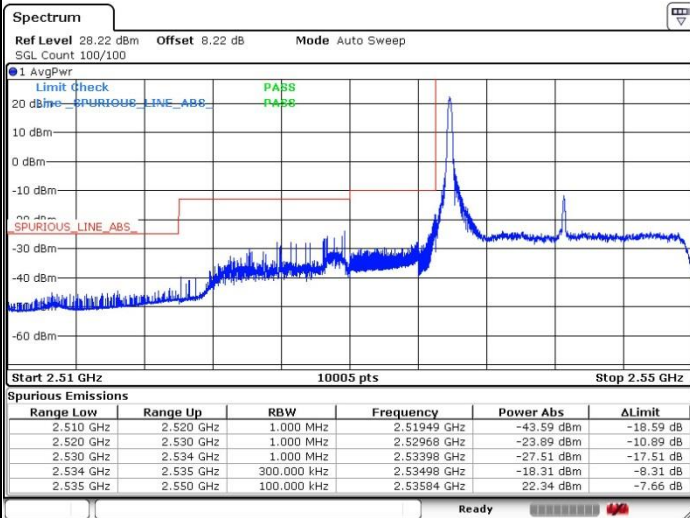
Date: 2 DEC.2021 13:41:56



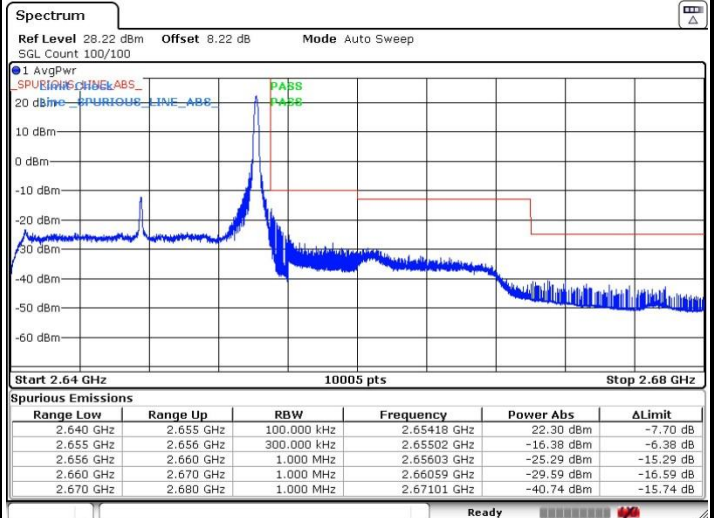
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



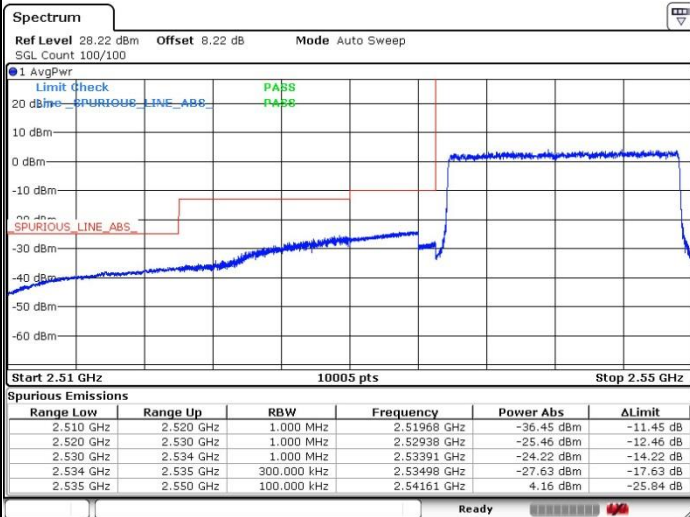
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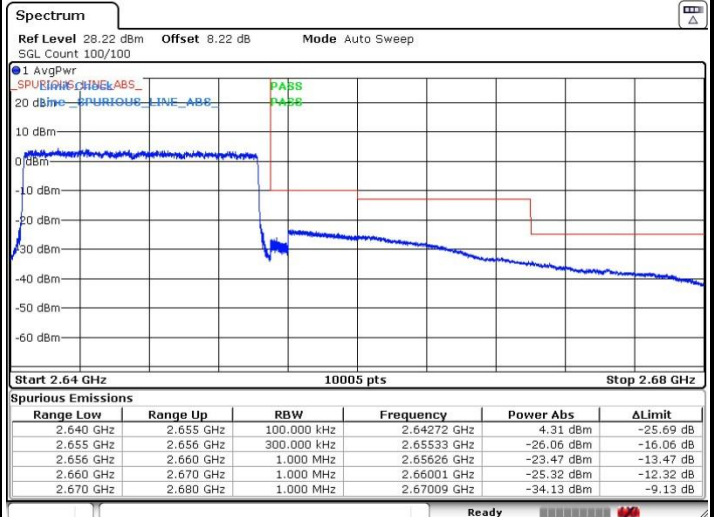
Date: 2 DEC.2021 14:11:42

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2 DEC.2021 14:03:17



Date: 2 DEC.2021 14:14:26