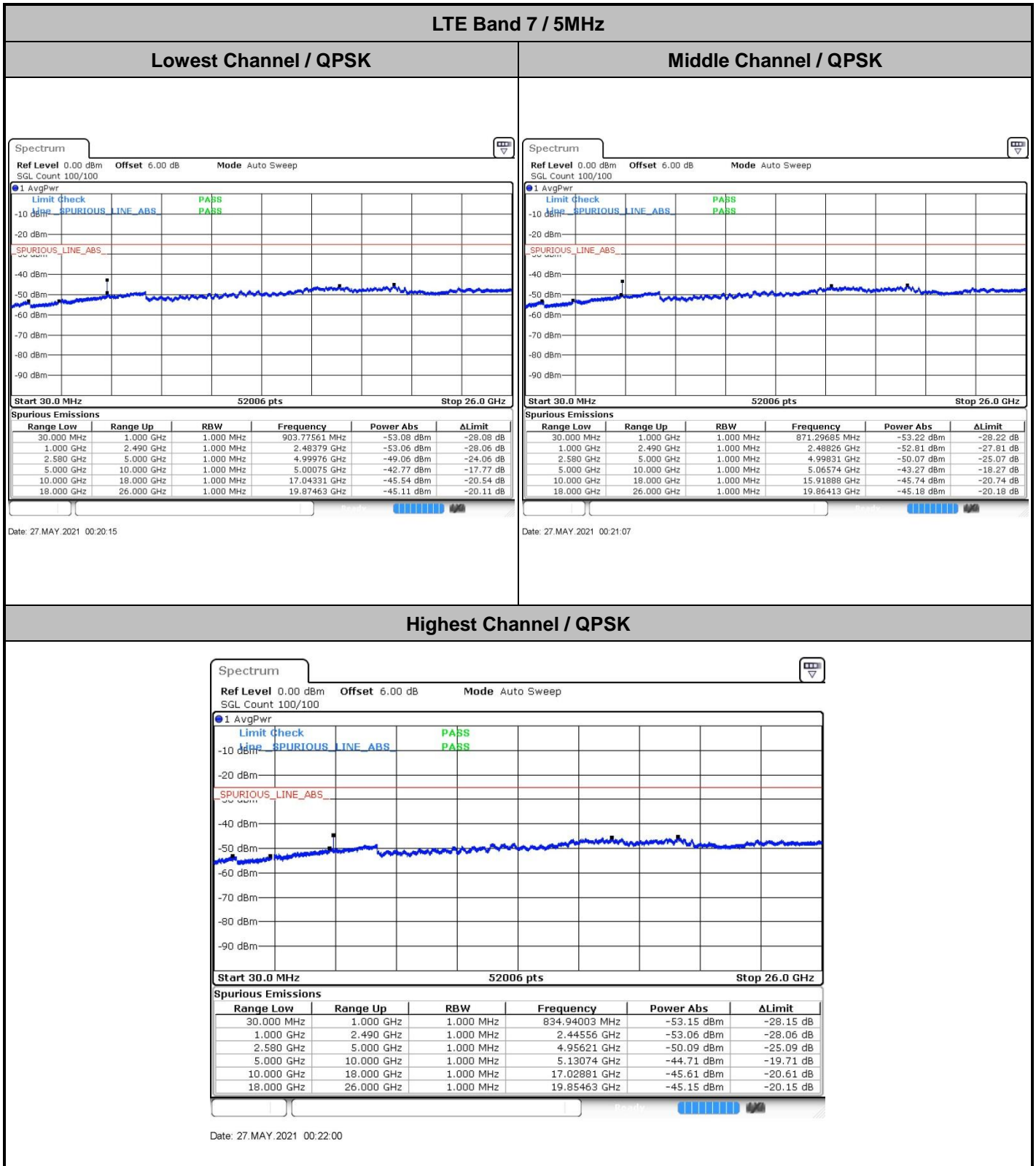




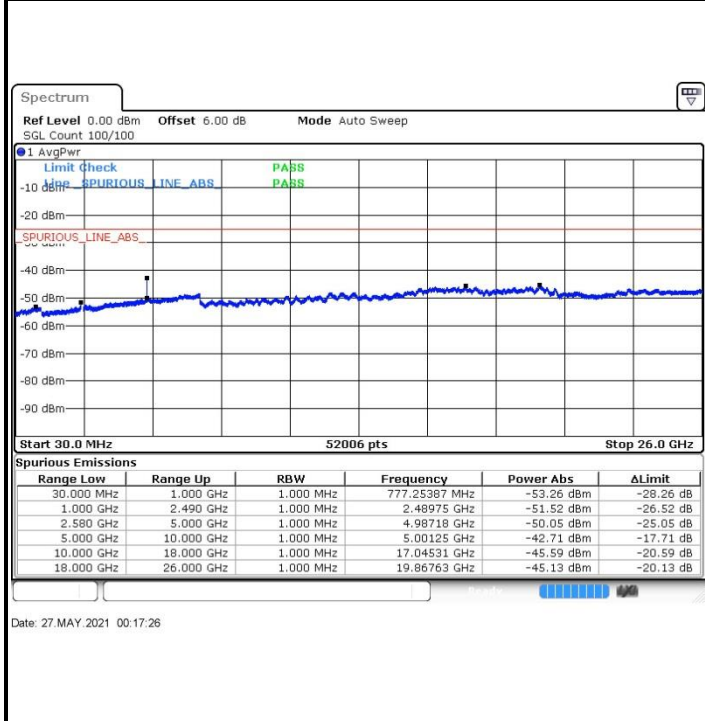
Conducted Spurious Emission



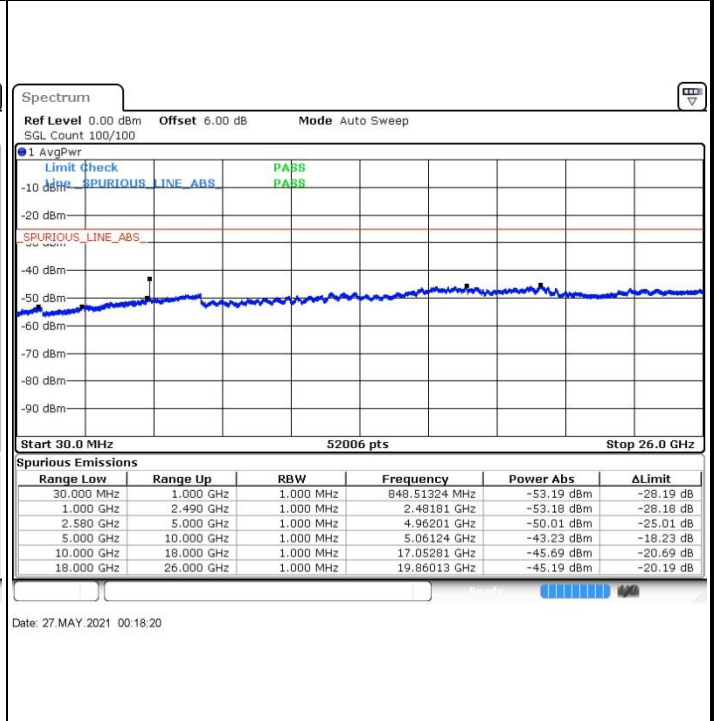


LTE Band 7 / 10MHz

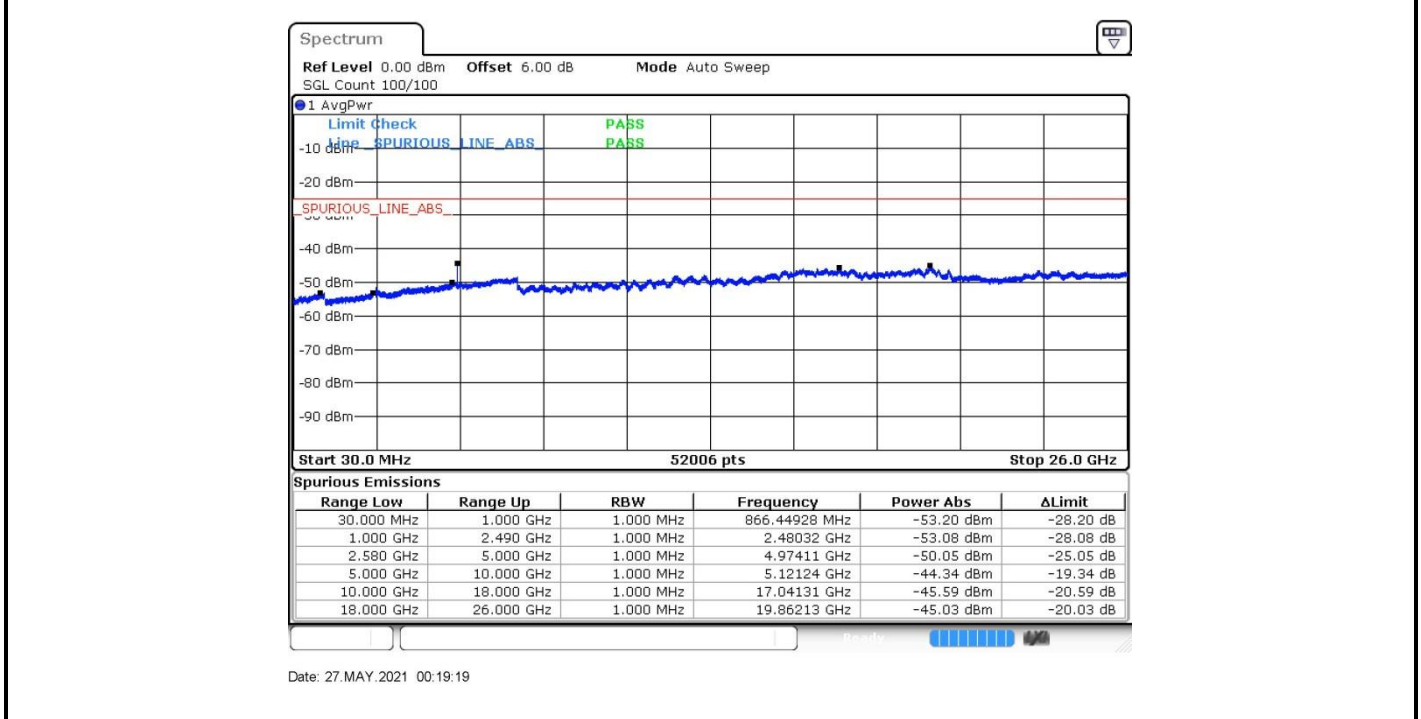
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

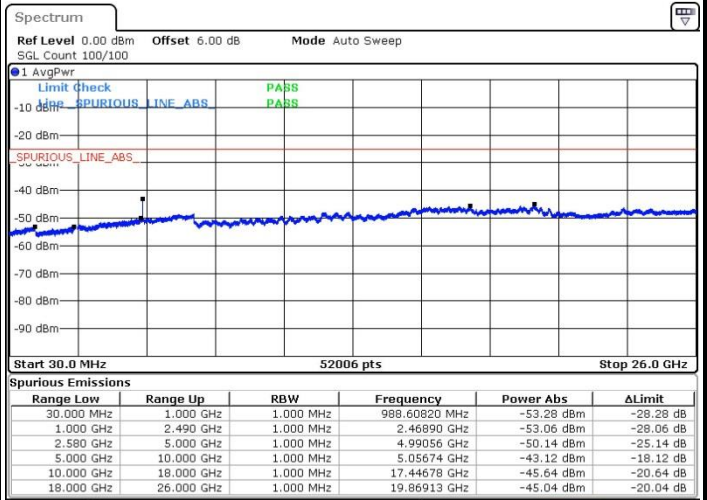
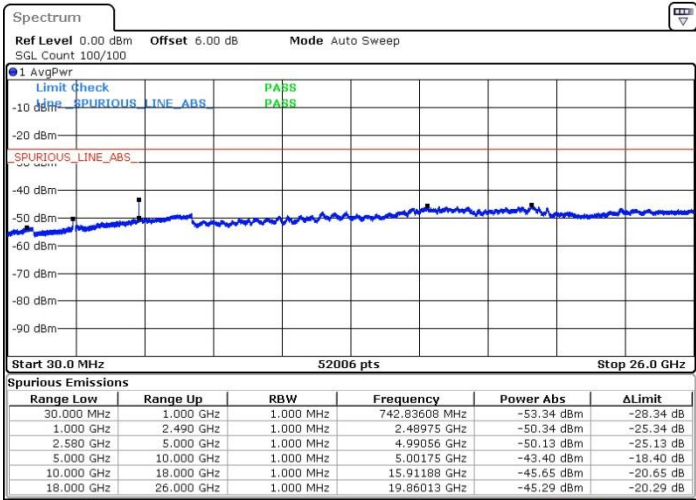




LTE Band 7 / 15MHz

Lowest Channel / QPSK

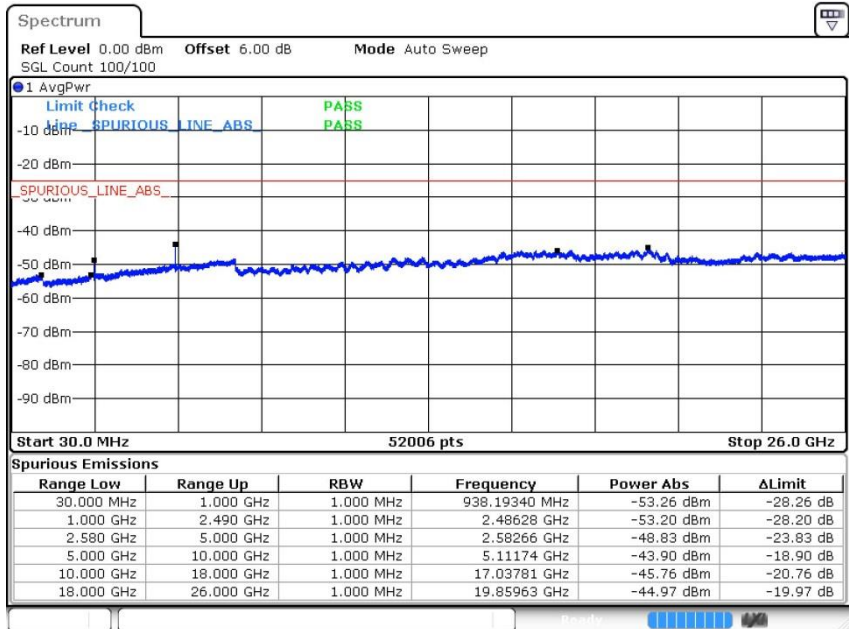
Middle Channel / QPSK



Date: 27.MAY.2021 00:13:45

Date: 27.MAY.2021 00:14:38

Highest Channel / QPSK

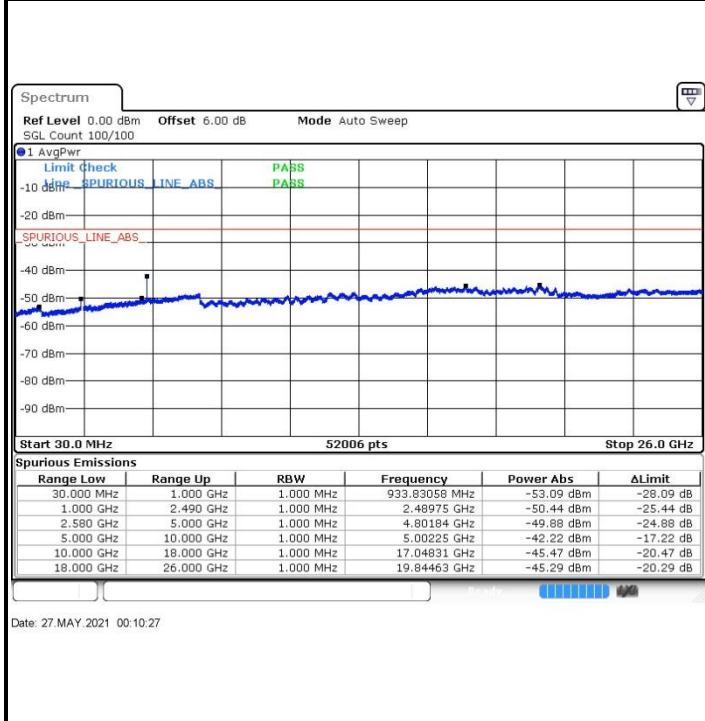


Date: 27.MAY.2021 00:15:34

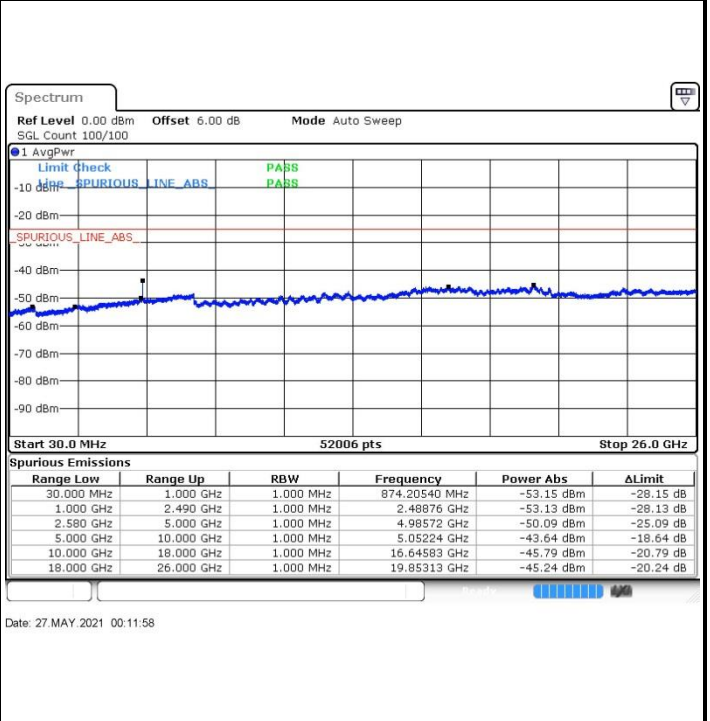


LTE Band 7 / 20MHz

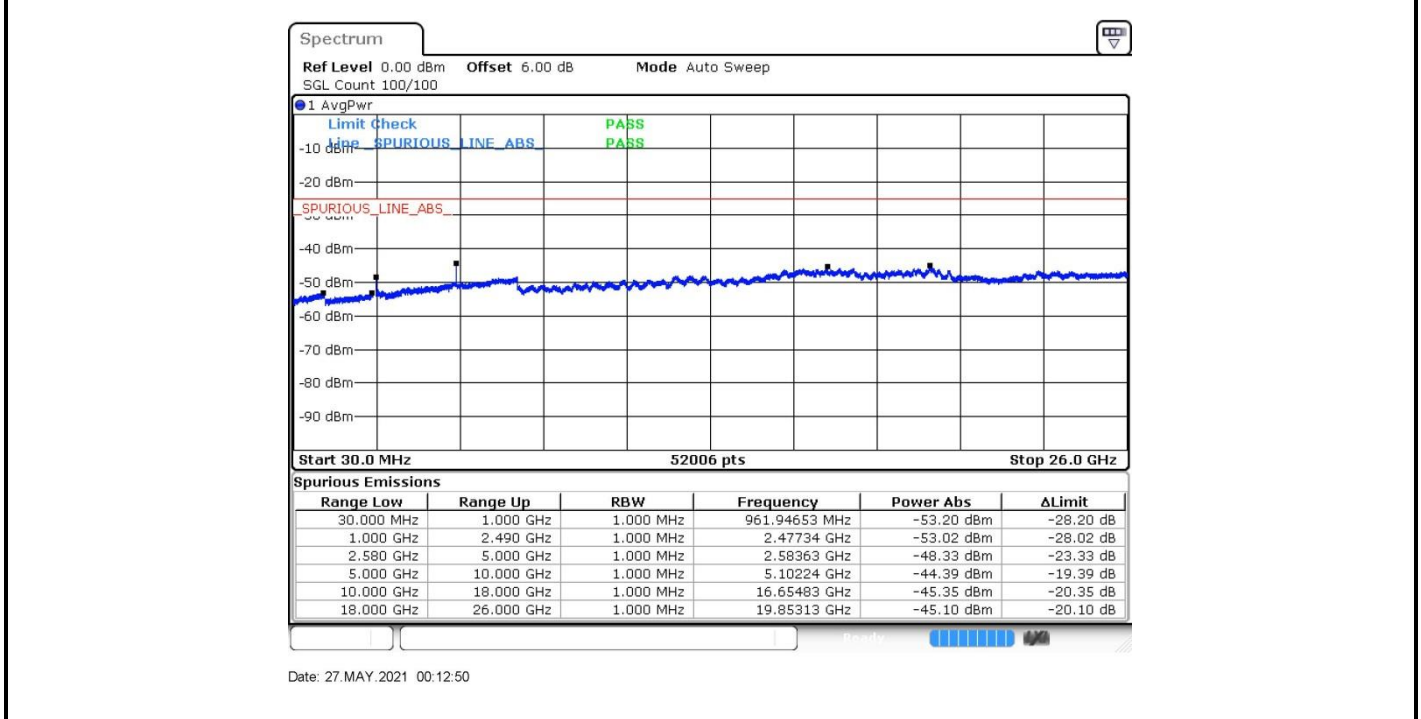
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK





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	0.0054	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0042	
0	Normal Voltage	0.0054	
-10	Normal Voltage	0.0047	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0047	
20	Normal Voltage	0.0038	
20	Battery End Point	0.0007	

Note:

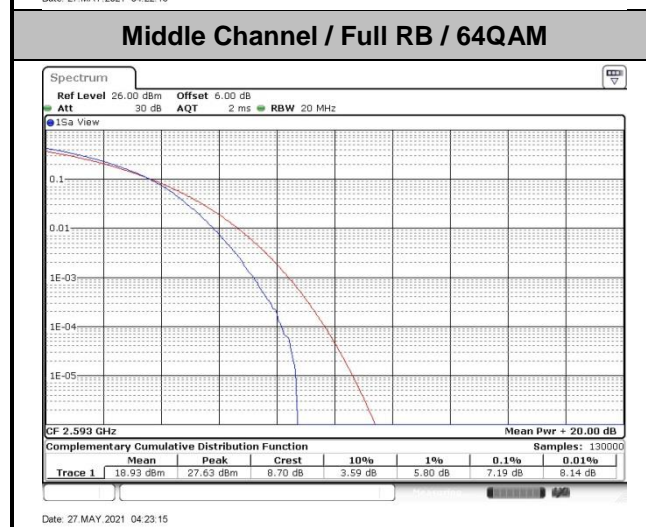
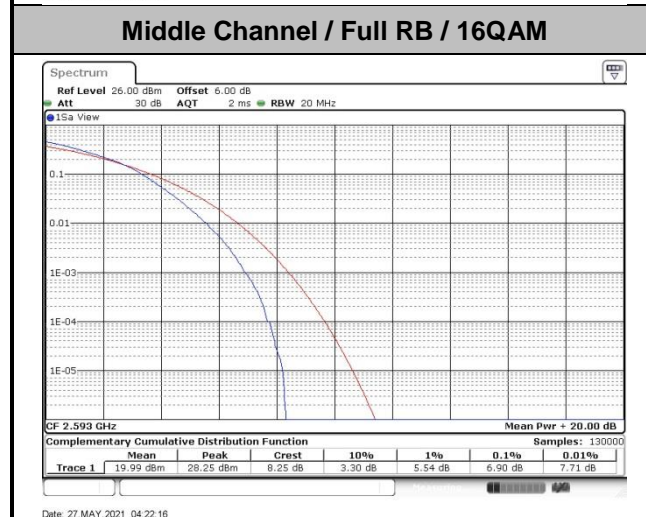
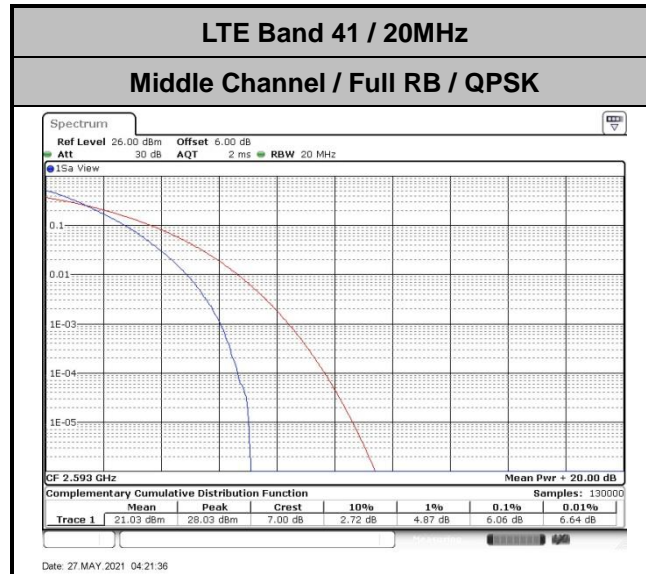
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41

Peak-to-Average Ratio

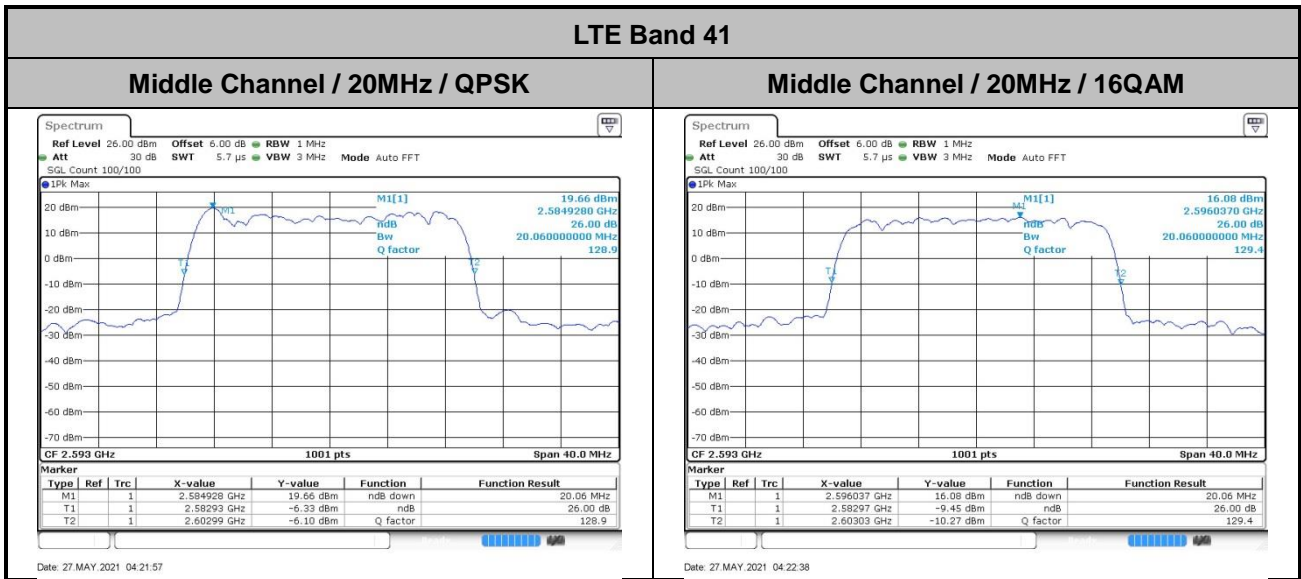
Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	6.06	6.90	7.19	PASS





26dB Bandwidth

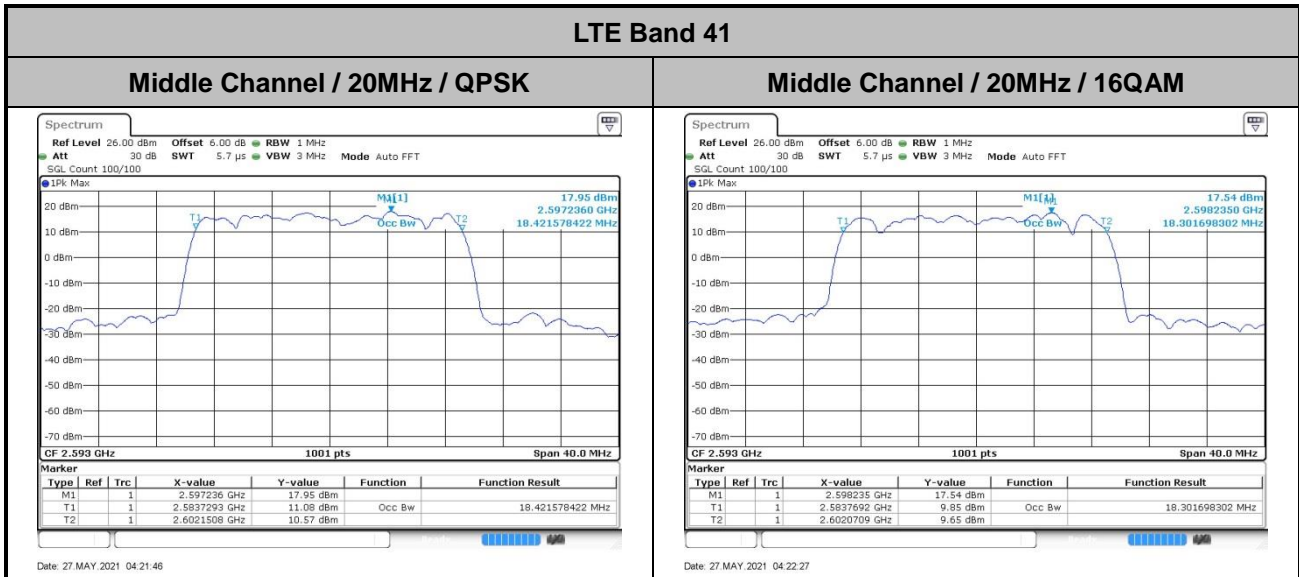
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.06	20.06





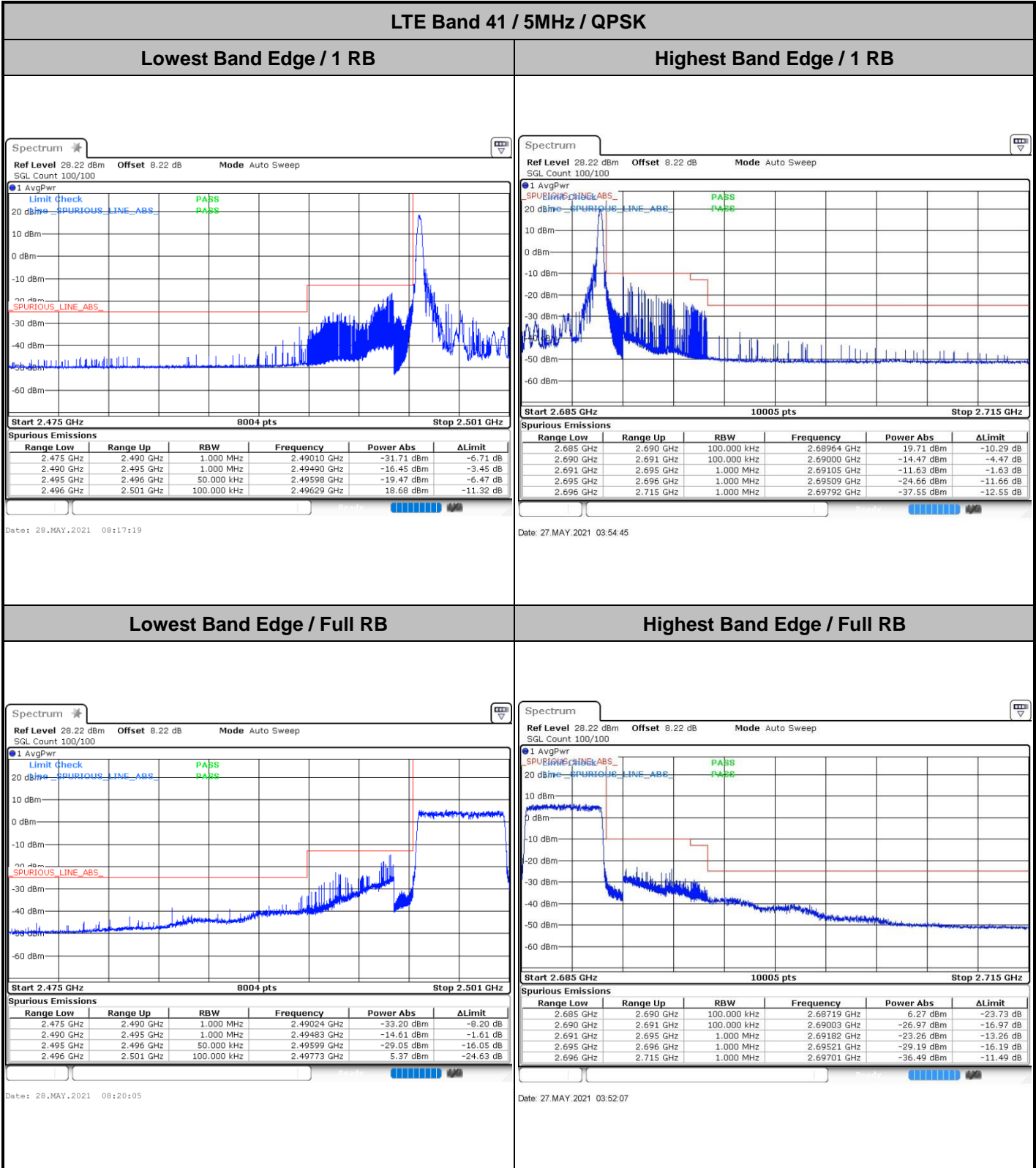
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.42	18.30



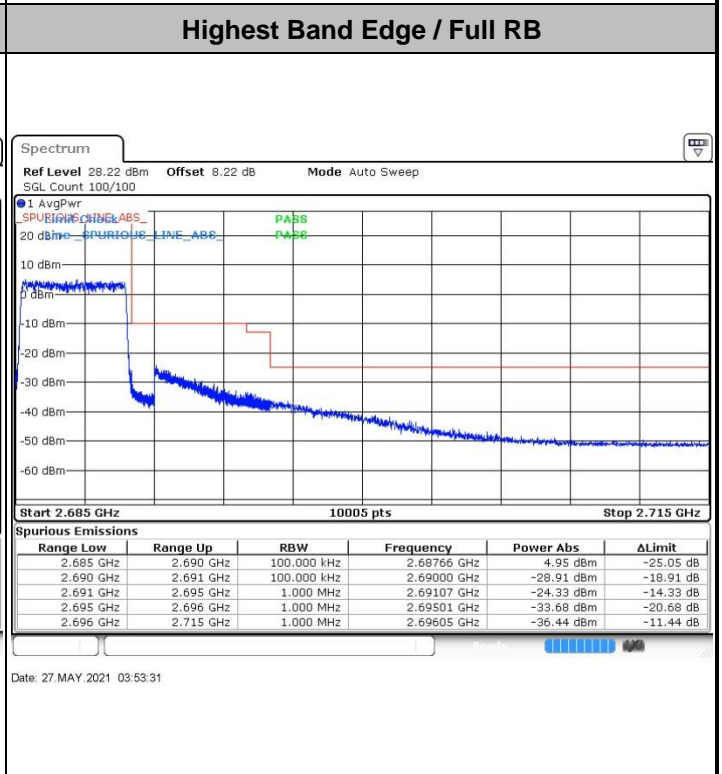
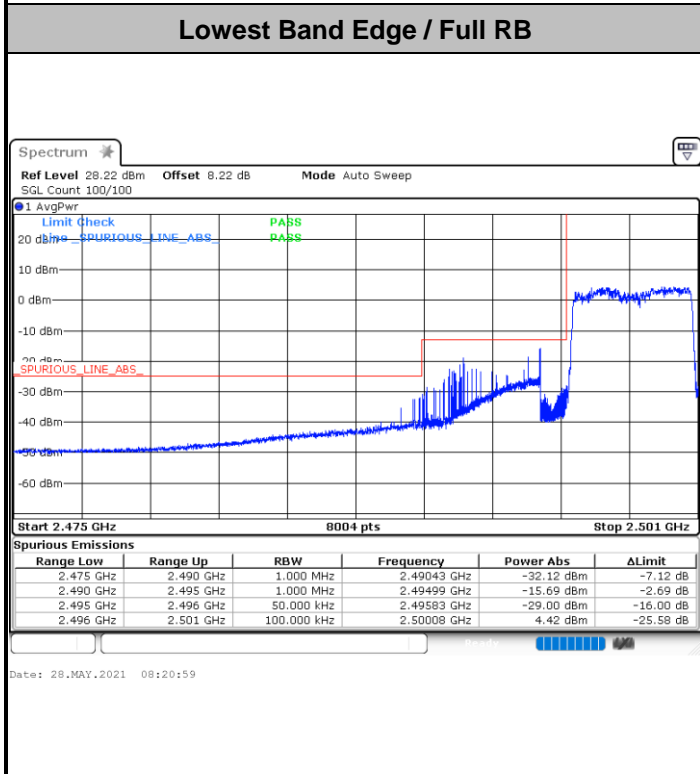
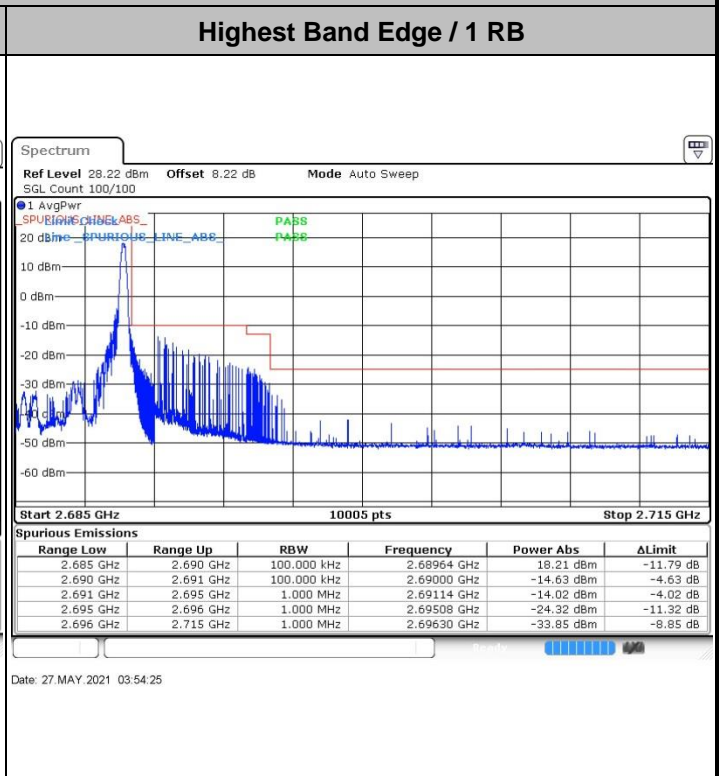
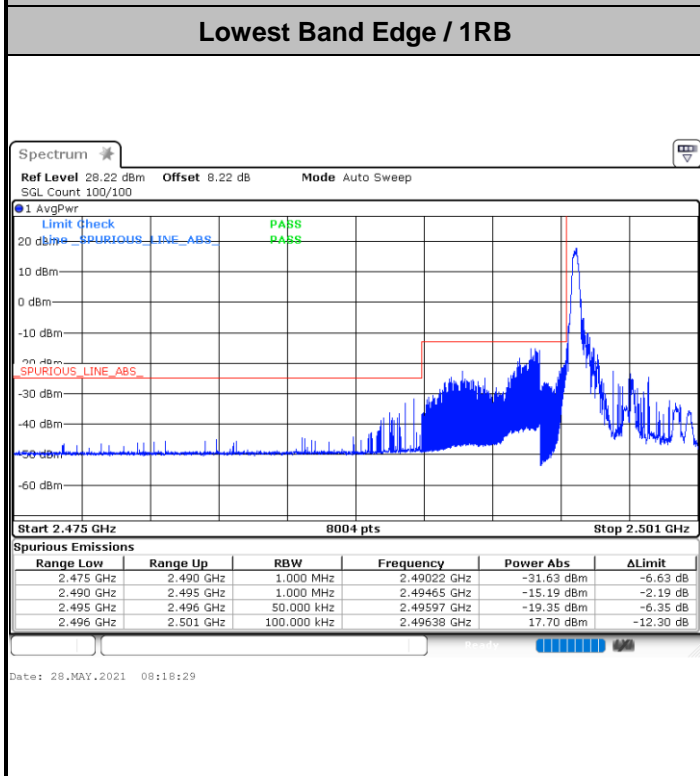


Conducted Band Edge





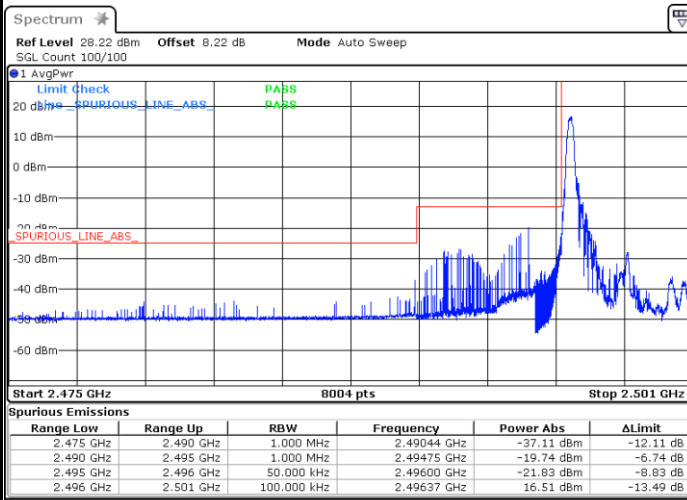
LTE Band 41 / 5MHz / 16QAM





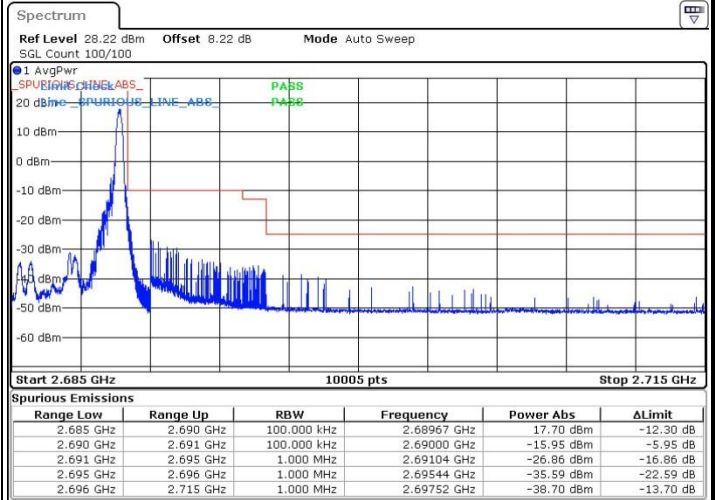
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



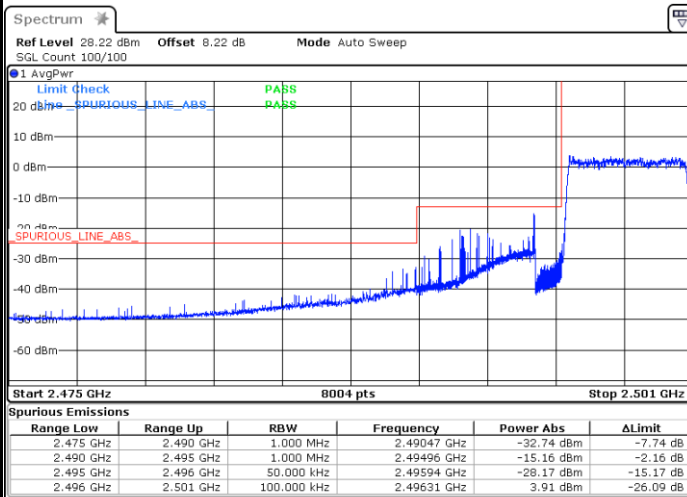
Date: 28.MAY.2021 08:19:15

Highest Band Edge / 1 RB



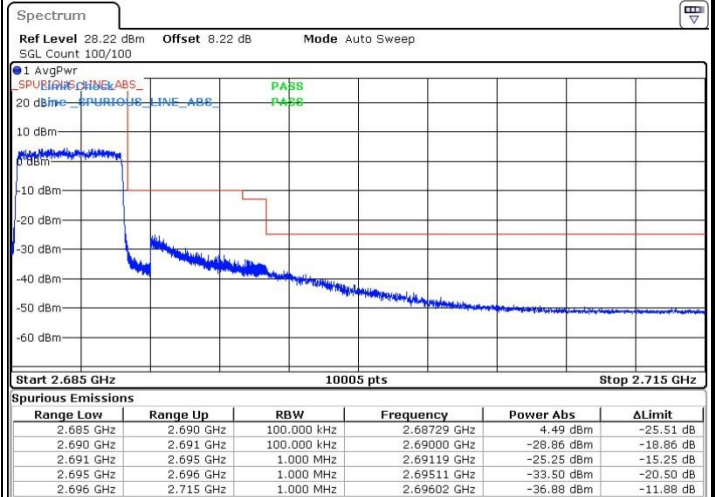
Date: 27.MAY.2021 03:54:06

Lowest Band Edge / Full RB



Date: 28.MAY.2021 08:21:59

Highest Band Edge / Full RB

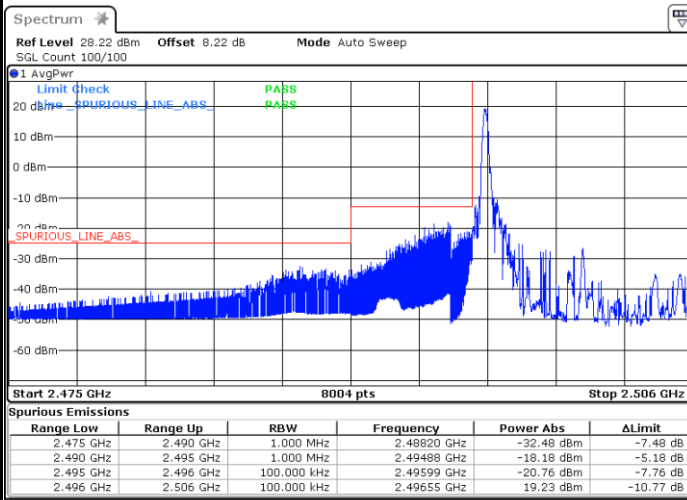


Date: 27.MAY.2021 03:53:49



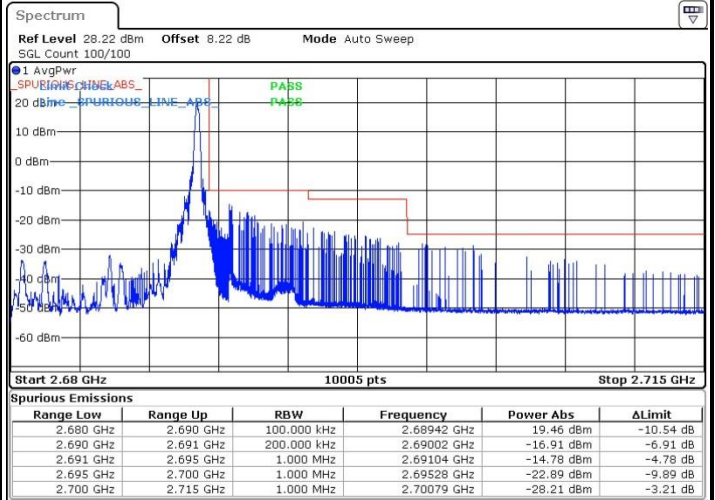
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



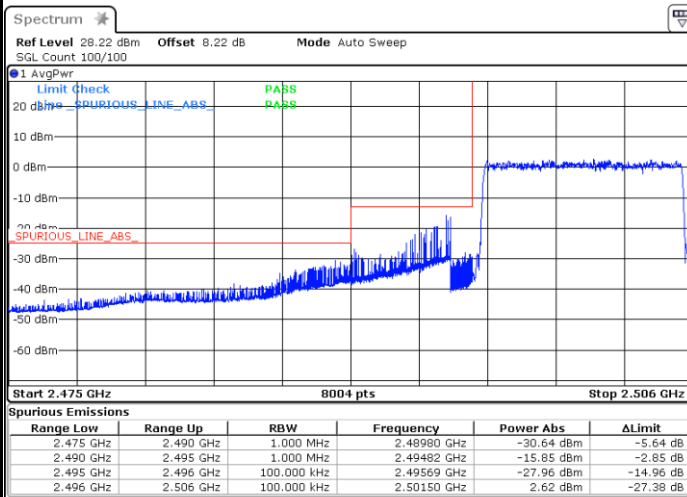
Date: 28.MAY.2021 08:37:16

Highest Band Edge / 1 RB



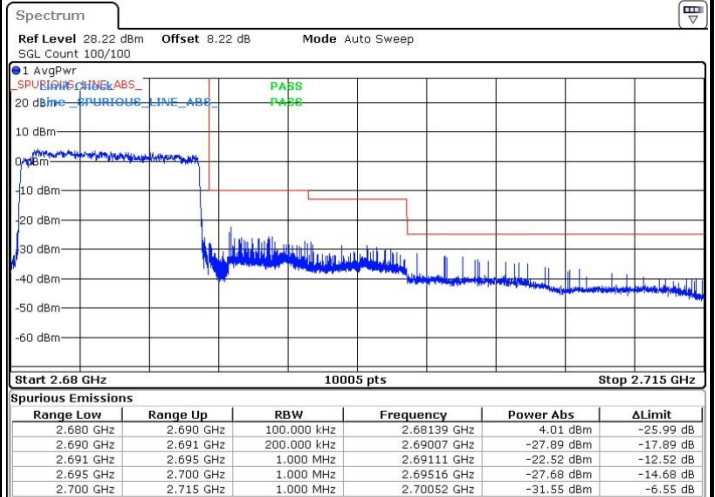
Date: 27.MAY.2021 04:05:01

Lowest Band Edge / Full RB



Date: 28.MAY.2021 08:42:43

Highest Band Edge / Full RB

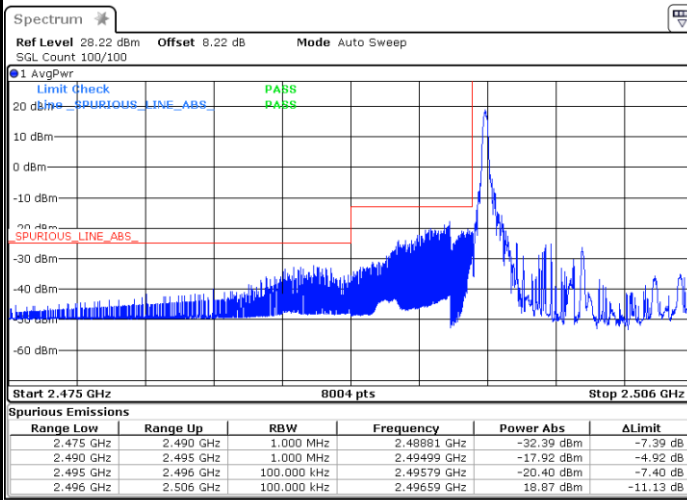


Date: 27.MAY.2021 04:00:43



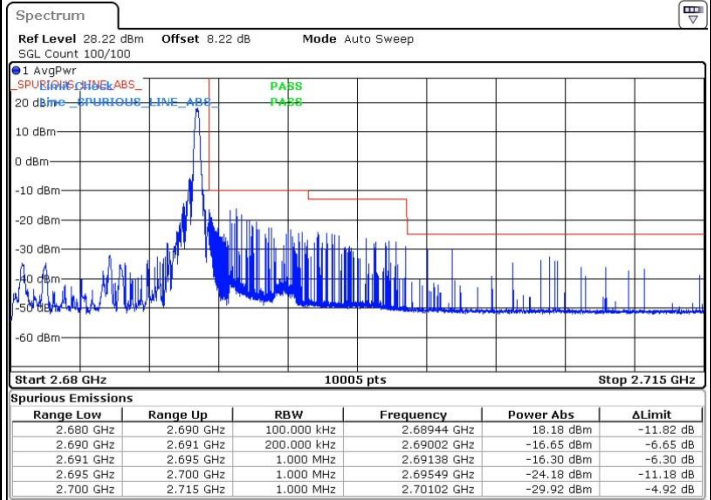
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



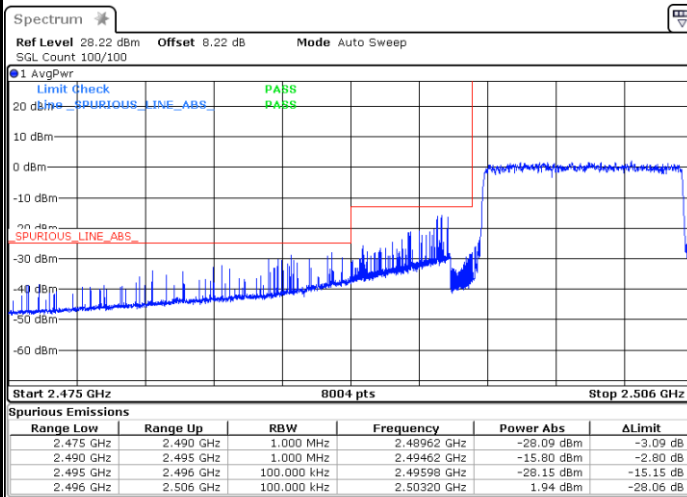
Date: 28.MAY.2021 08:40:06

Highest Band Edge / 1 RB



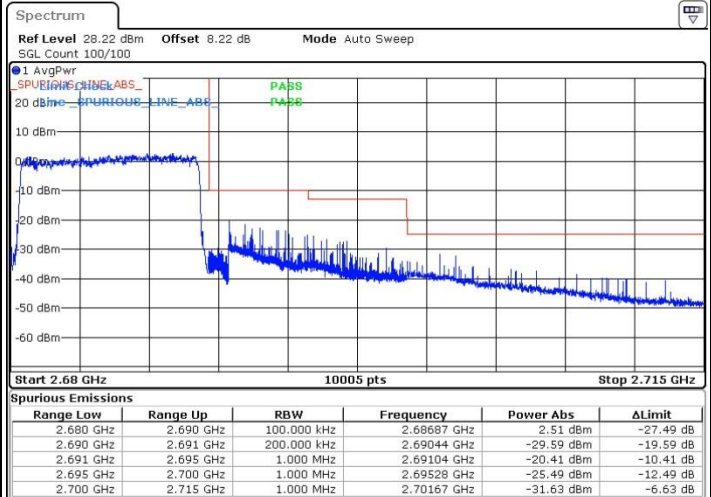
Date: 27.MAY.2021 04:04:14

Lowest Band Edge / Full RB



Date: 28.MAY.2021 08:43:29

Highest Band Edge / Full RB

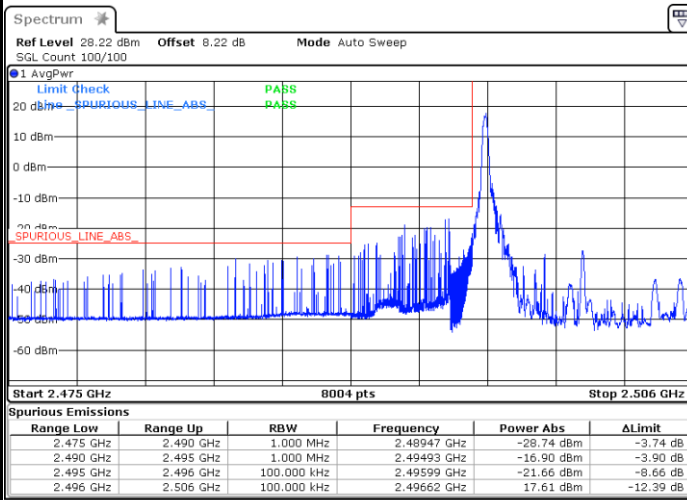


Date: 27.MAY.2021 04:01:00



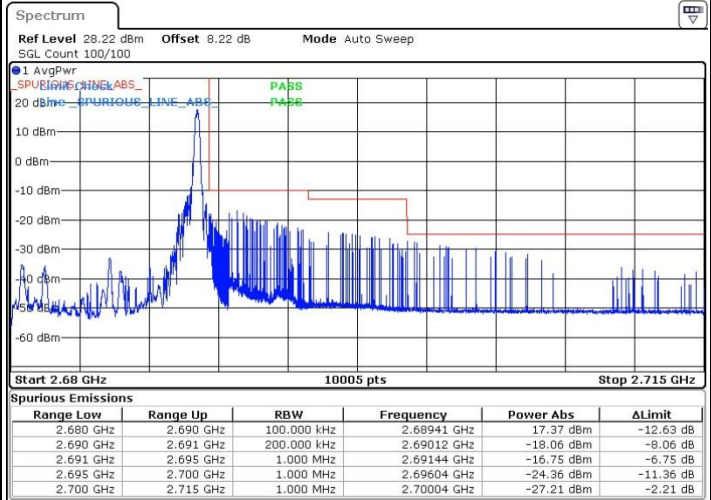
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



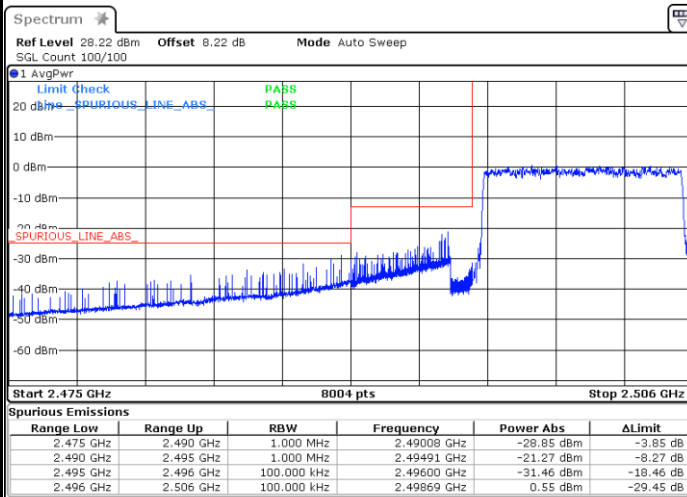
Date: 28.MAY.2021 08:41:43

Highest Band Edge / 1 RB



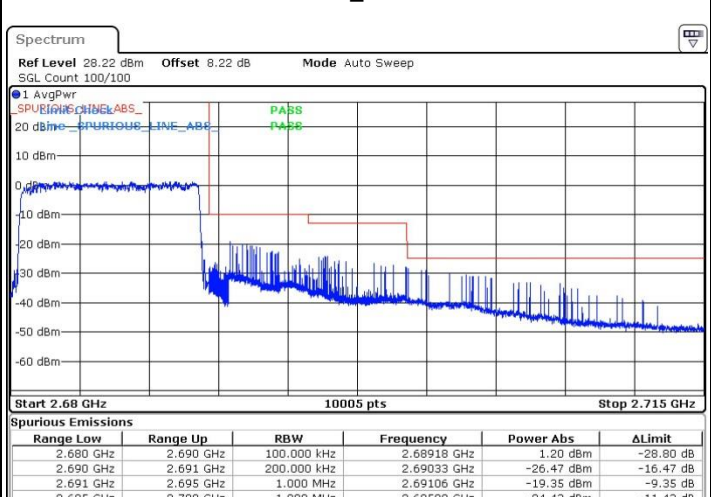
Date: 27.MAY.2021 04:02:29

Lowest Band Edge / Full RB



Date: 28.MAY.2021 08:44:36

Highest Band Edge / Full RB

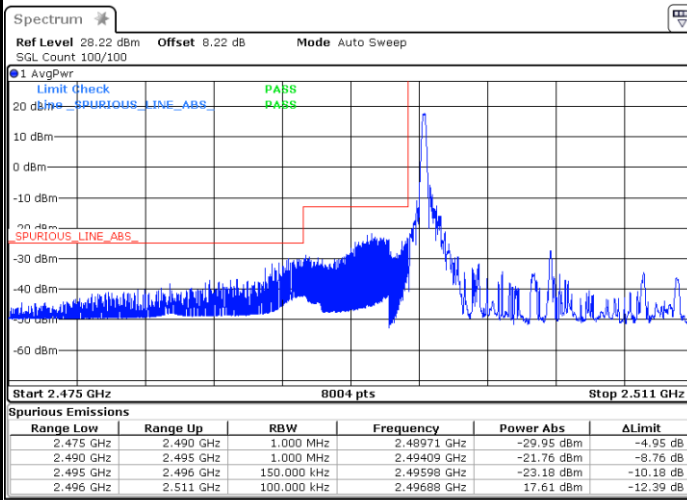


Date: 27.MAY.2021 04:01:17



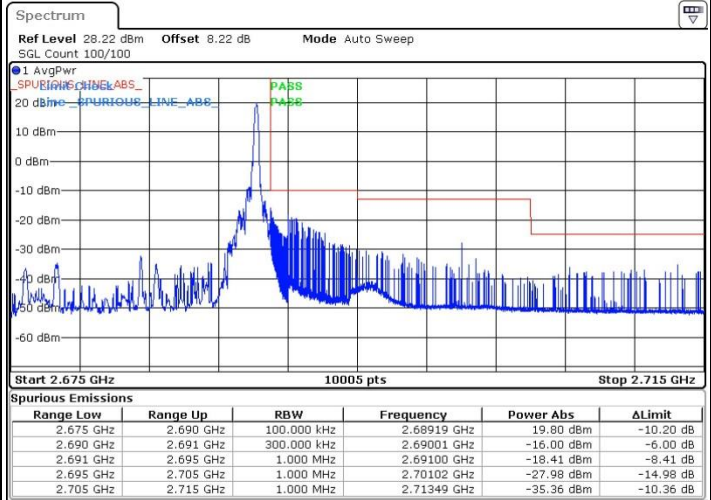
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



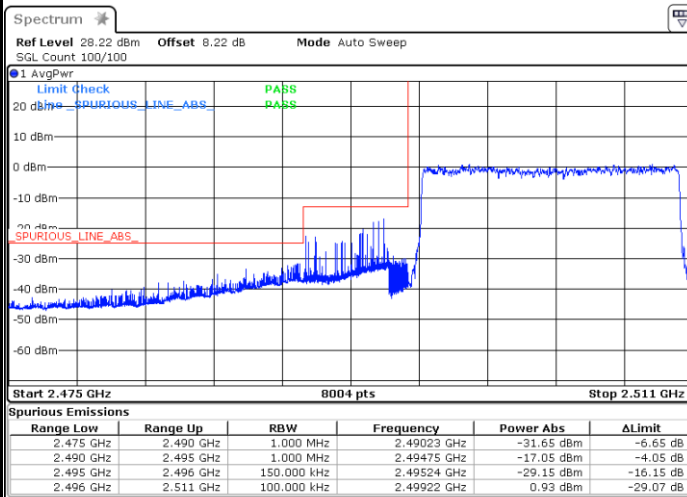
Date: 28.MAY.2021 08:45:36

Highest Band Edge / 1 RB



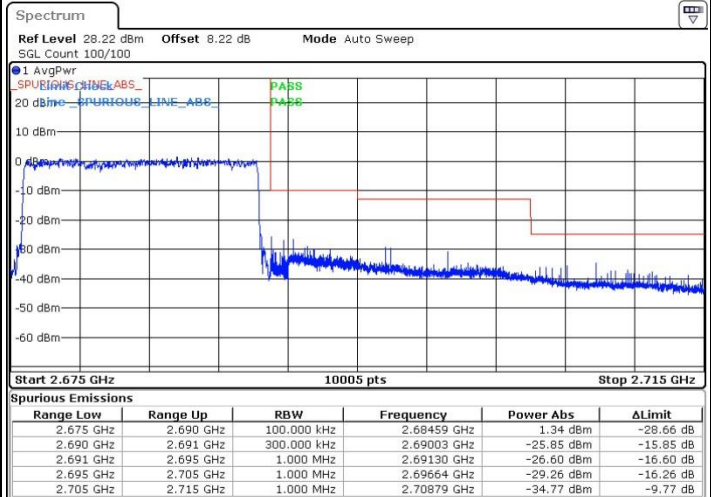
Date: 27.MAY.2021 04:13:01

Lowest Band Edge / Full RB



Date: 28.MAY.2021 08:48:25

Highest Band Edge / Full RB

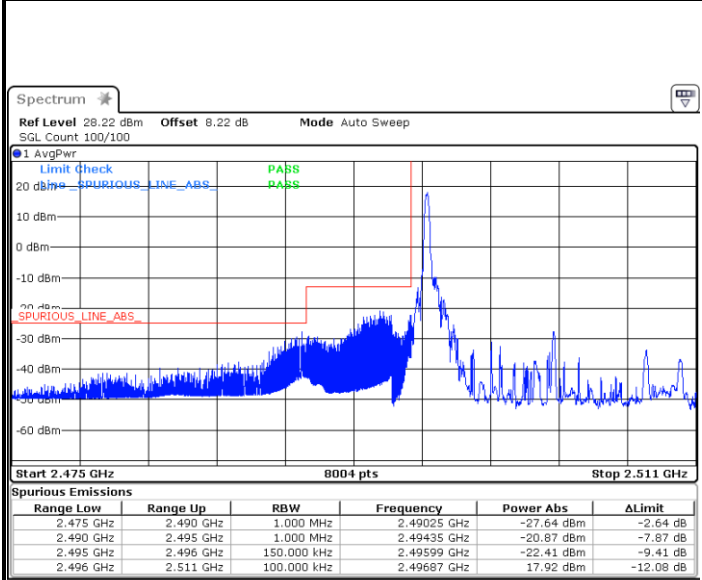


Date: 27.MAY.2021 04:11:00



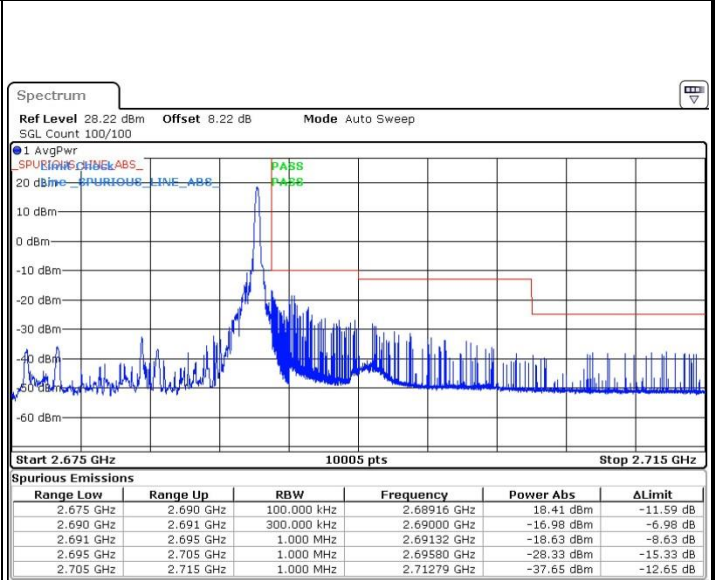
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



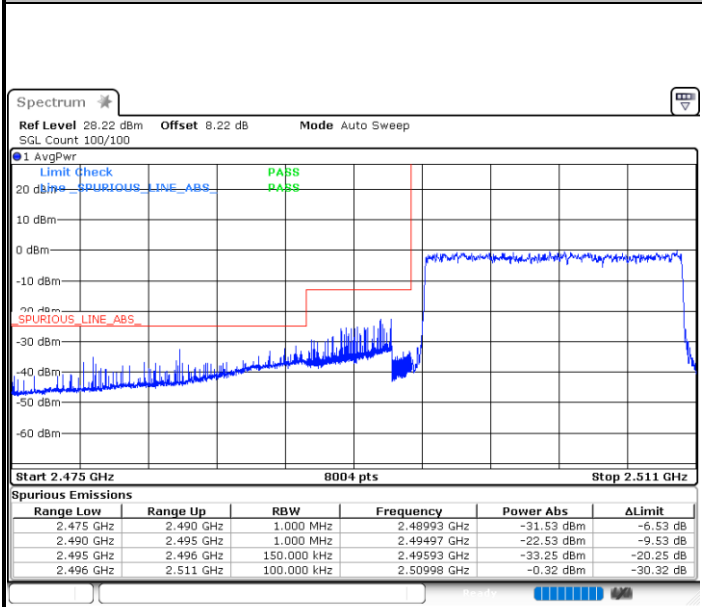
Date: 28.MAY.2021 08:46:48

Highest Band Edge / 1 RB



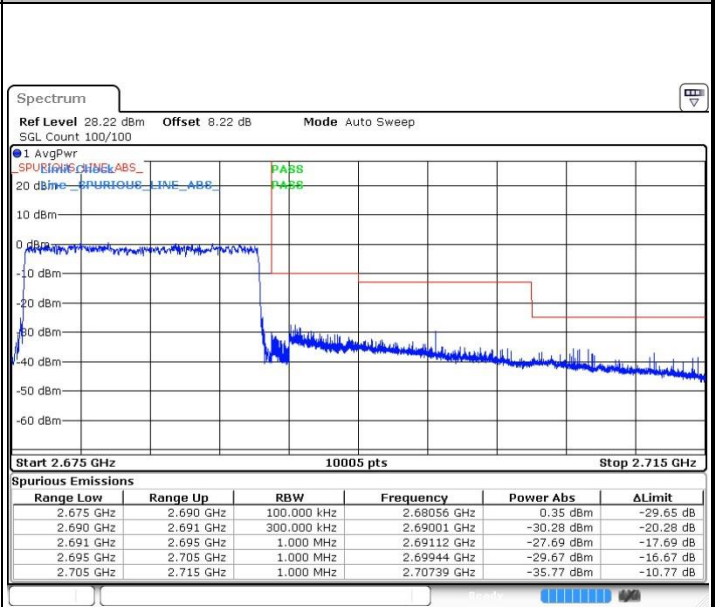
Date: 27.MAY.2021 04:12:37

Lowest Band Edge / Full RB



Date: 28.MAY.2021 08:49:01

Highest Band Edge / Full RB

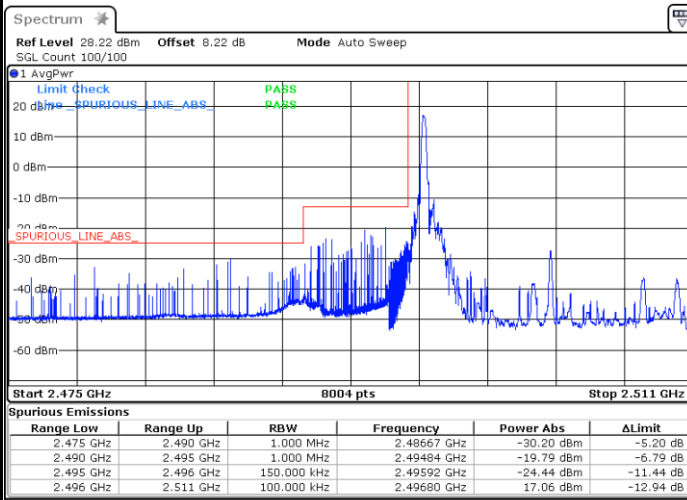


Date: 27.MAY.2021 04:11:19



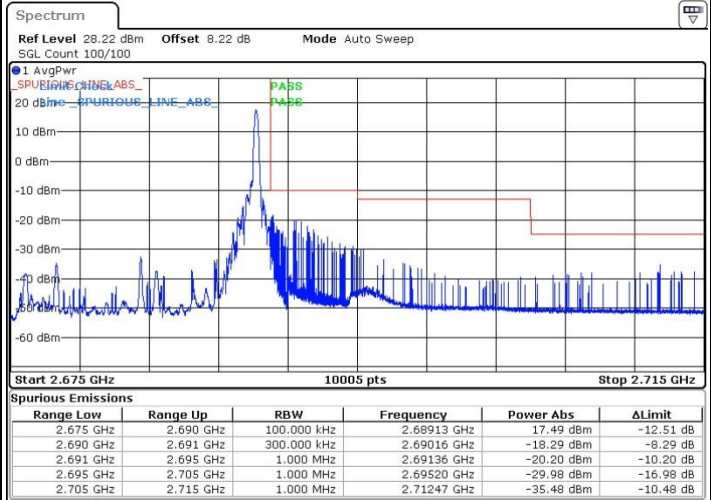
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



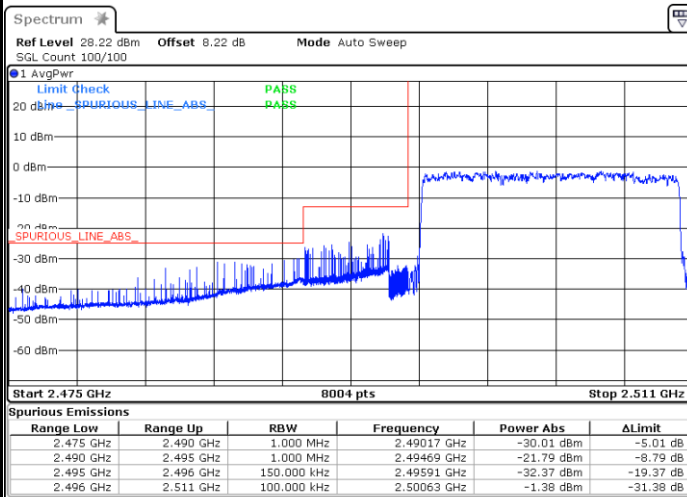
Date: 28.MAY.2021 08:47:37

Highest Band Edge / 1 RB



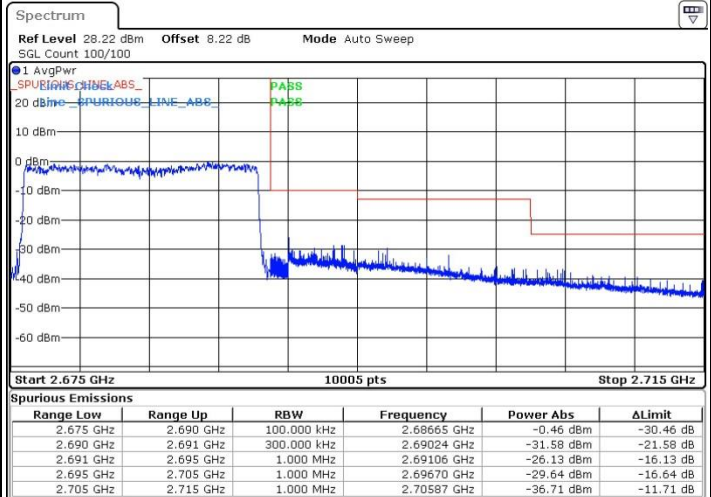
Date: 27.MAY.2021 04:12:18

Lowest Band Edge / Full RB



Date: 28.MAY.2021 08:51:46

Highest Band Edge / Full RB

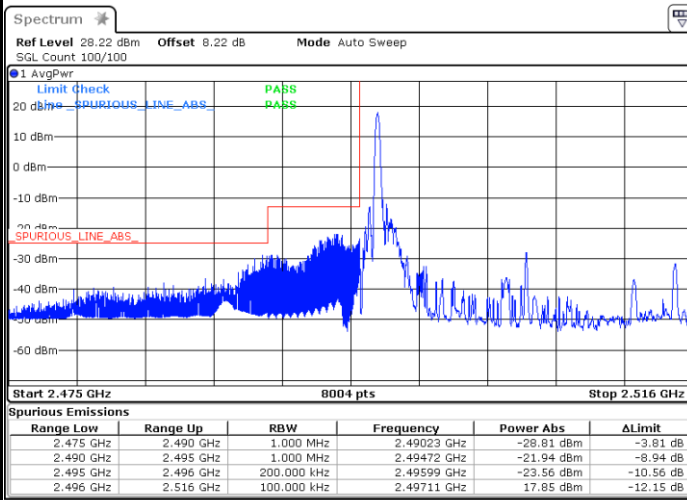


Date: 27.MAY.2021 04:11:41



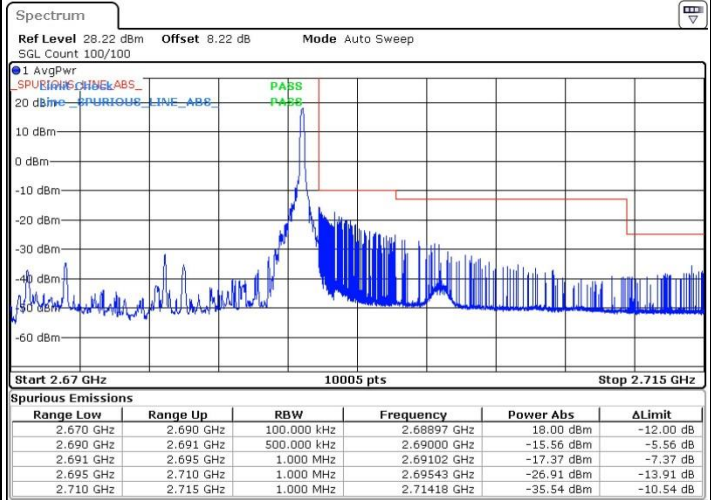
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



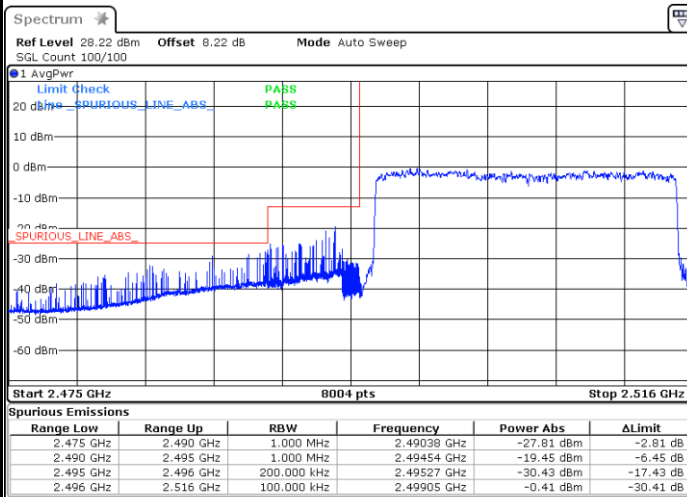
Date: 28.MAY.2021 08:53:19

Highest Band Edge / 1 RB



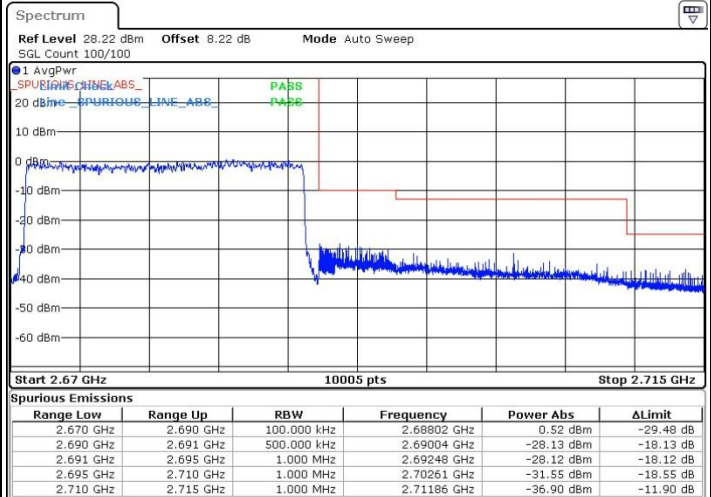
Date: 27.MAY.2021 04:25:10

Lowest Band Edge / Full RB



Date: 28.MAY.2021 08:56:36

Highest Band Edge / Full RB

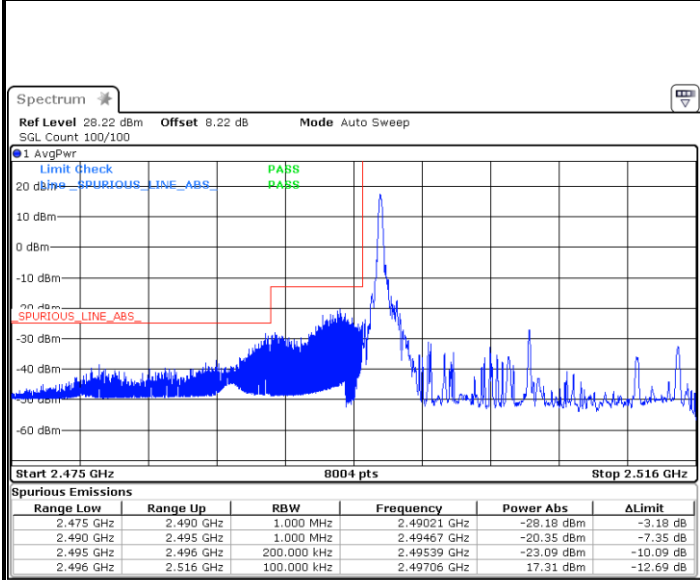


Date: 27.MAY.2021 04:24:43



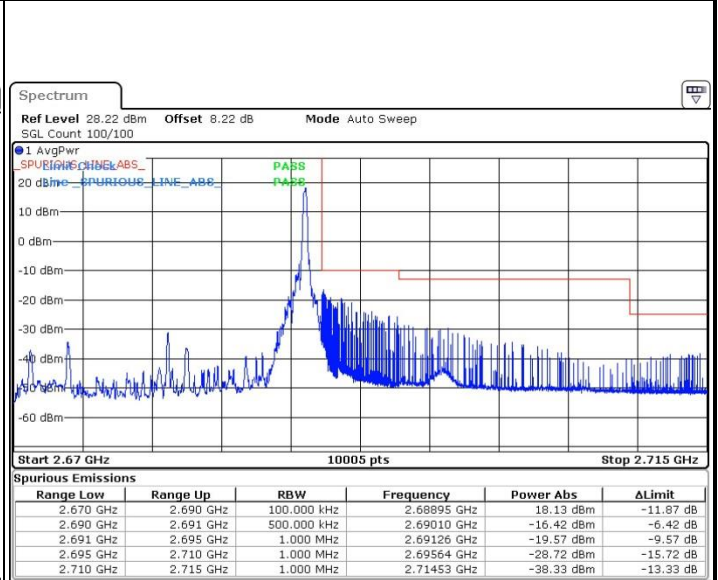
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



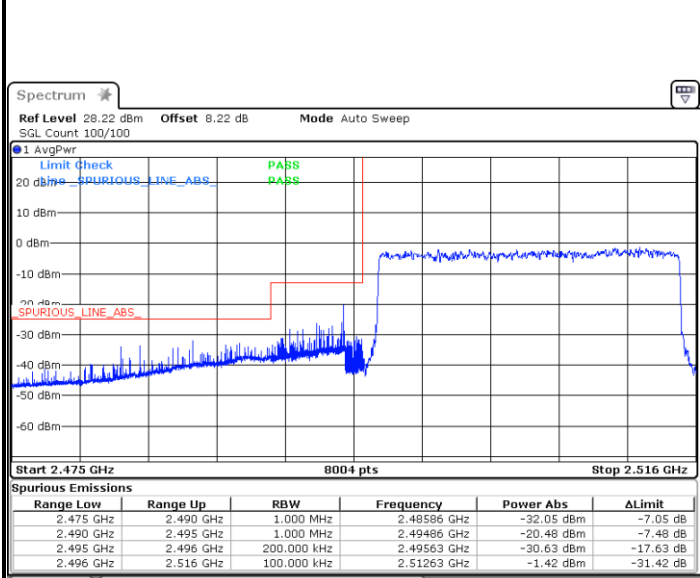
Date: 28.MAY.2021 08:55:04

Highest Band Edge / 1 RB



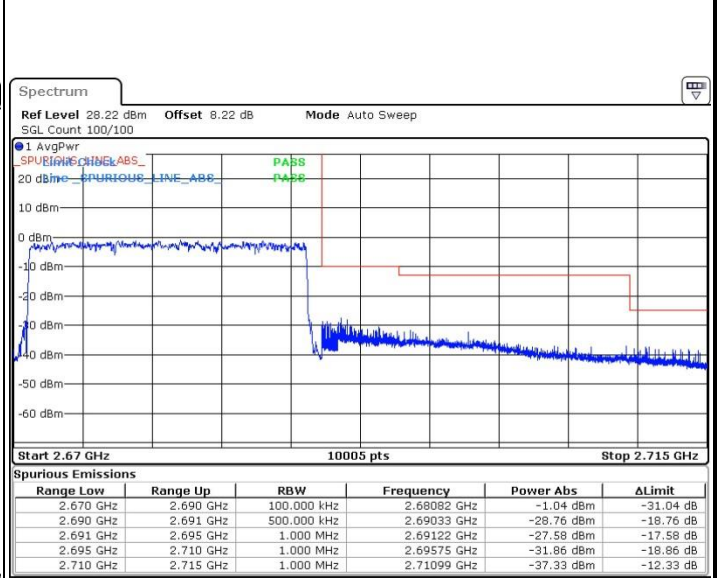
Date: 27.MAY.2021 04:25:28

Lowest Band Edge / Full RB



Date: 28.MAY.2021 08:57:21

Highest Band Edge / Full RB

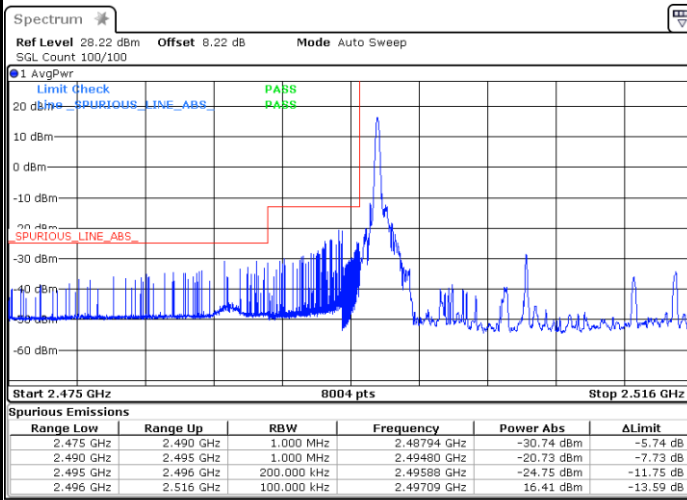


Date: 27.MAY.2021 04:24:25



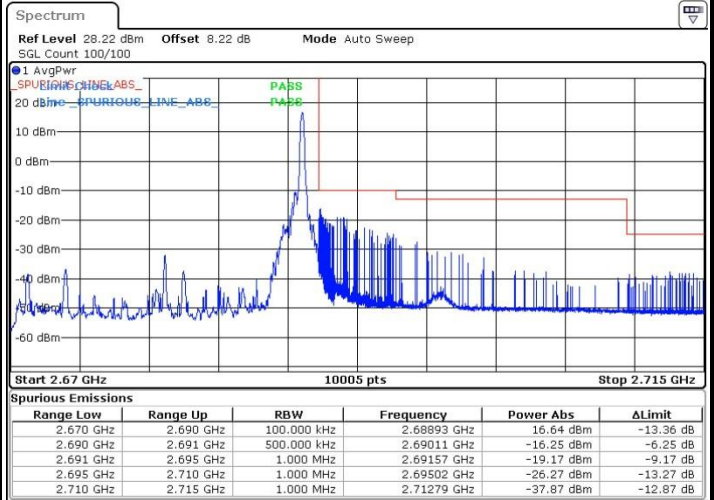
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



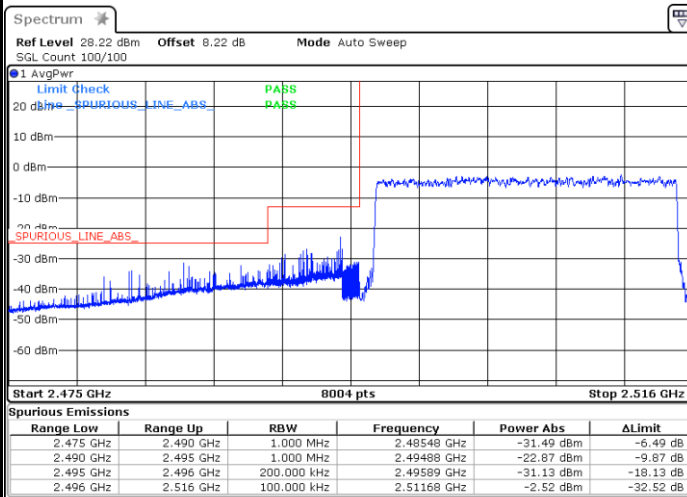
Date: 28.MAY.2021 08:55:54

Highest Band Edge / 1 RB



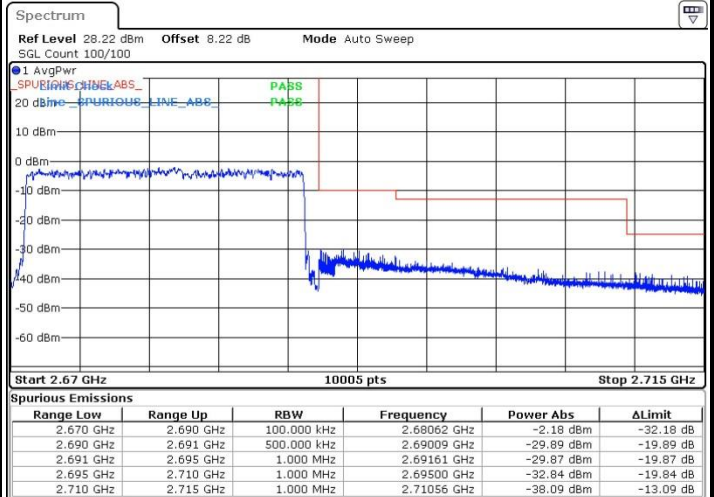
Date: 27.MAY.2021 04:25:45

Lowest Band Edge / Full RB



Date: 28.MAY.2021 08:57:57

Highest Band Edge / Full RB



Date: 27.MAY.2021 04:23:41



Conducted Spurious Emission

