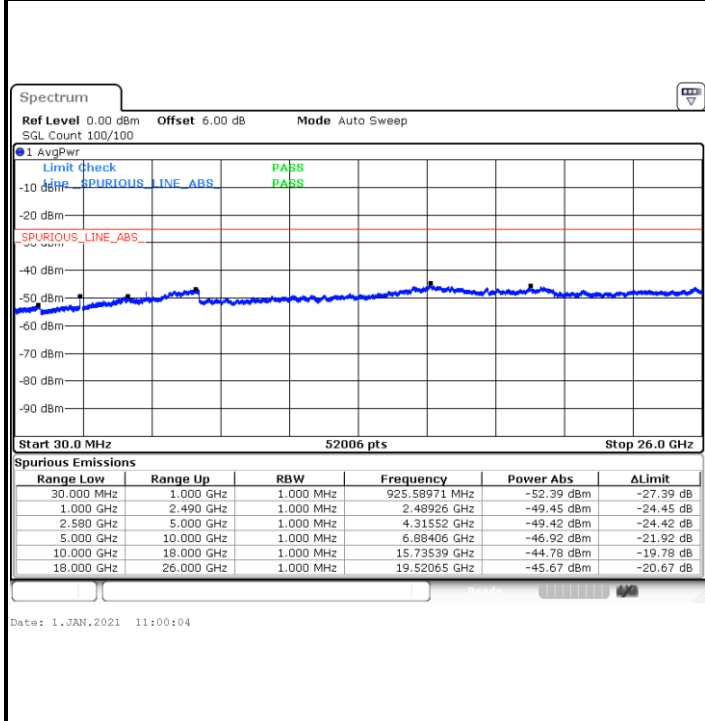


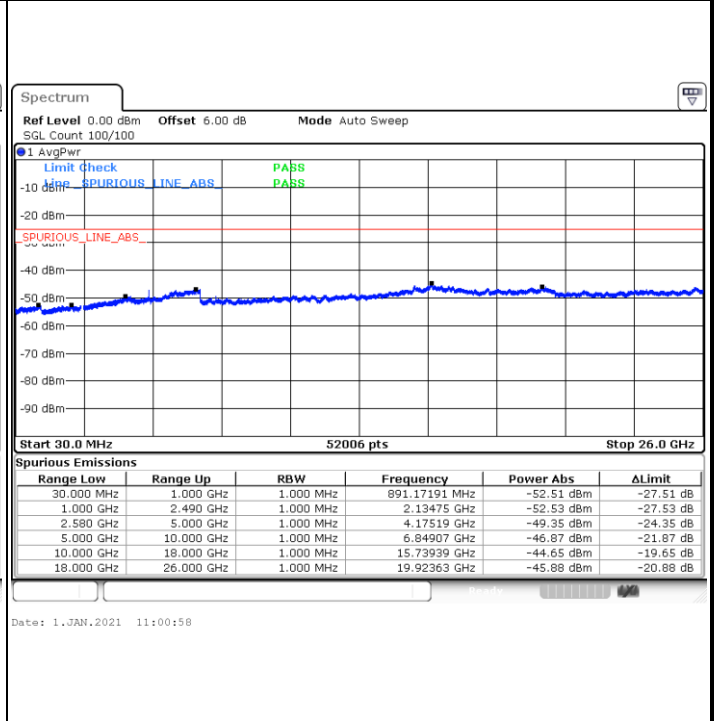


LTE Band 7 / 15MHz

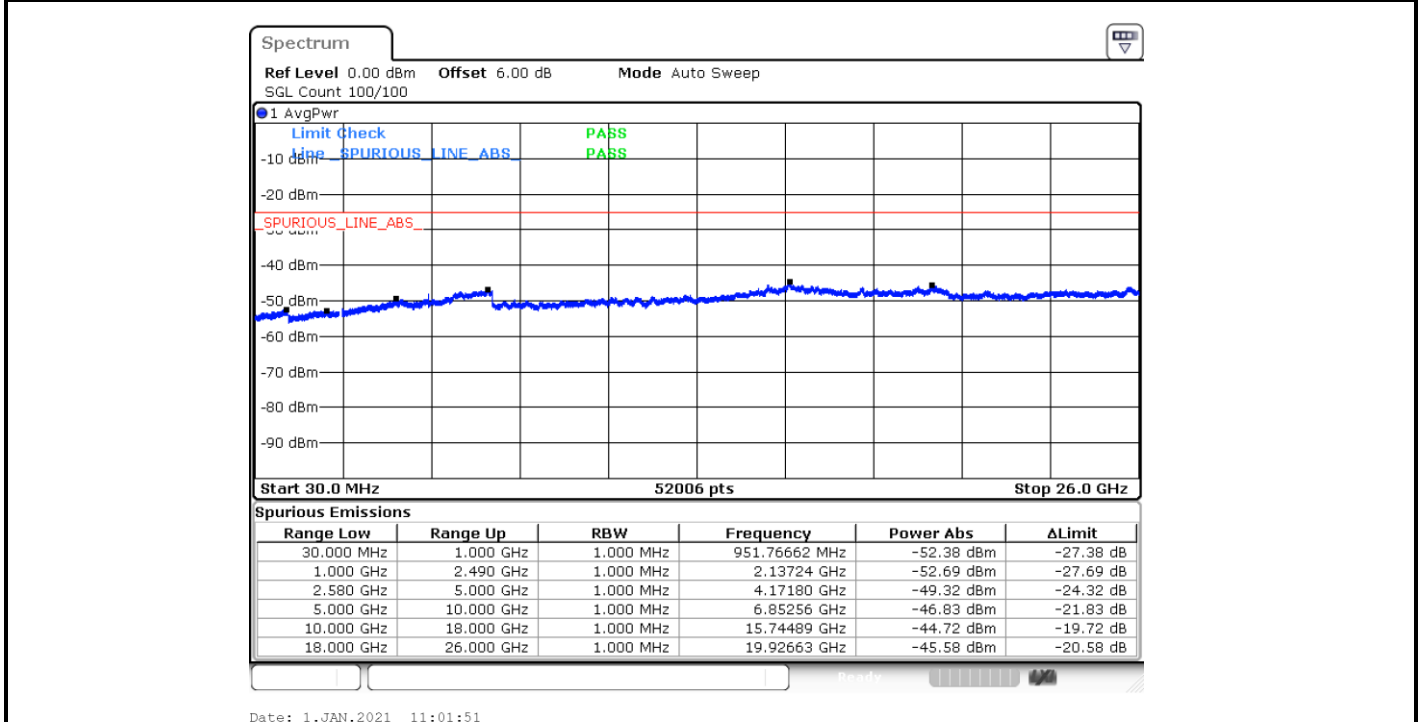
Lowest Channel / QPSK



Middle Channel / QPSK



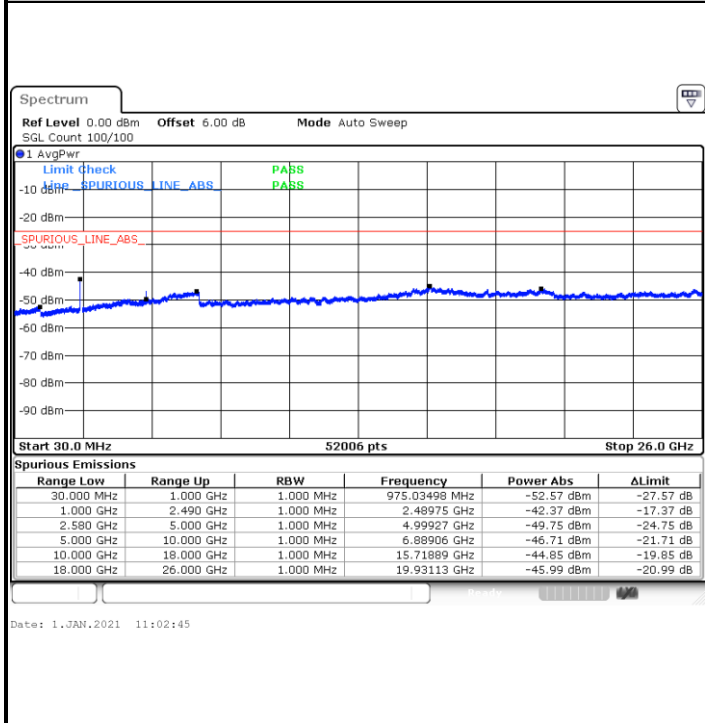
Highest Channel / QPSK



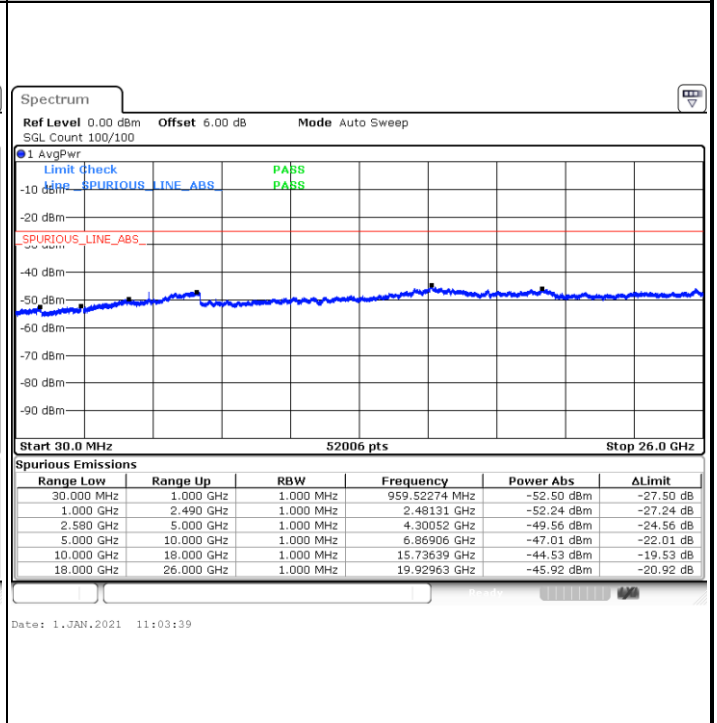


LTE Band 7 / 20MHz

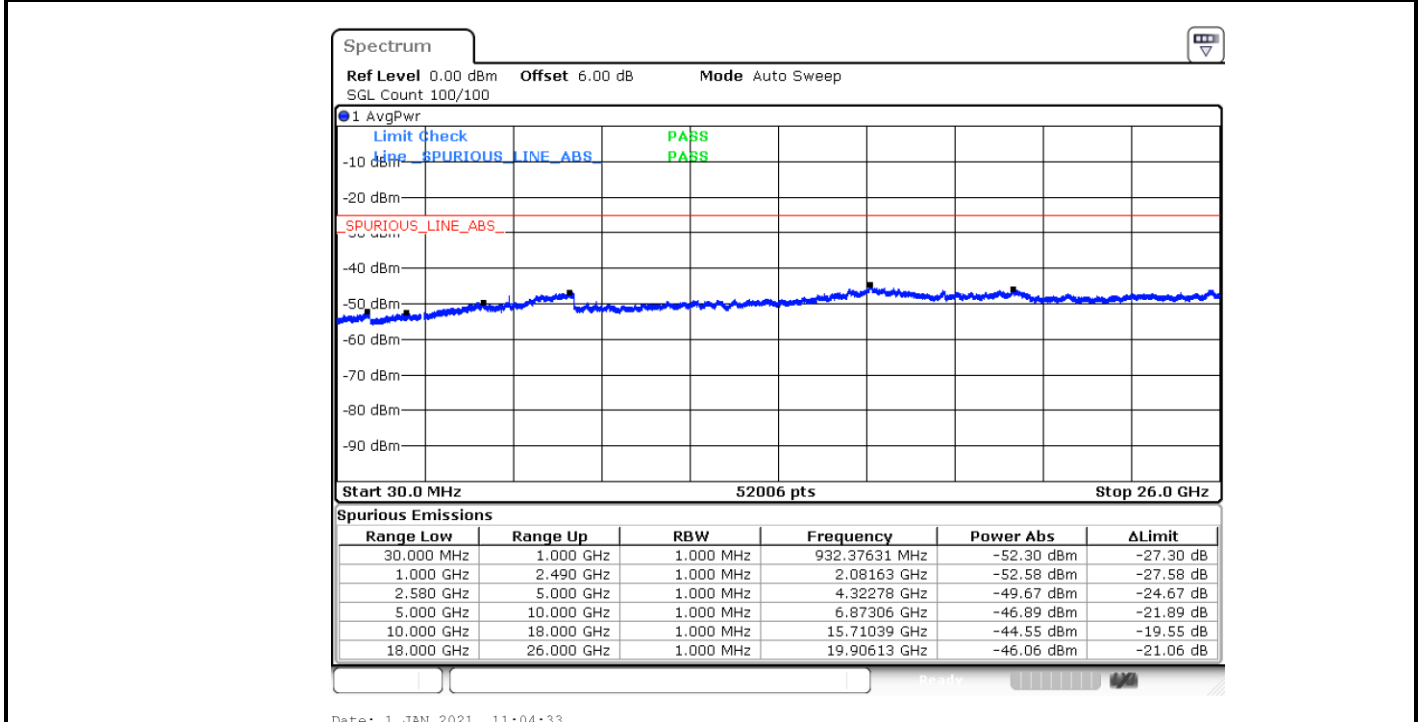
Lowest Channel / QPSK



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	0.0023	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0032	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0020	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0027	

Note:

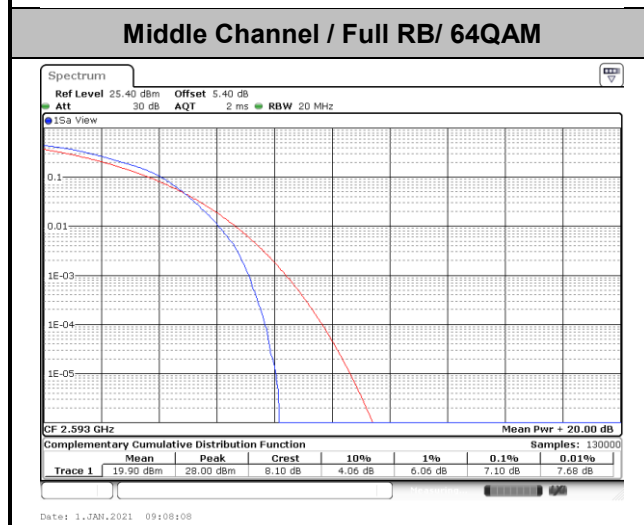
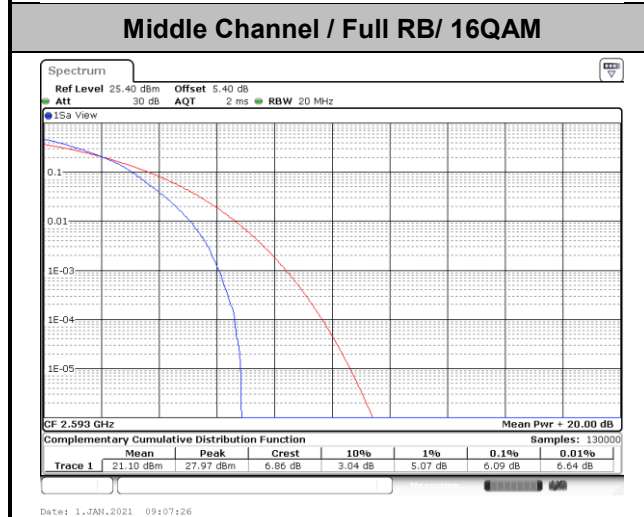
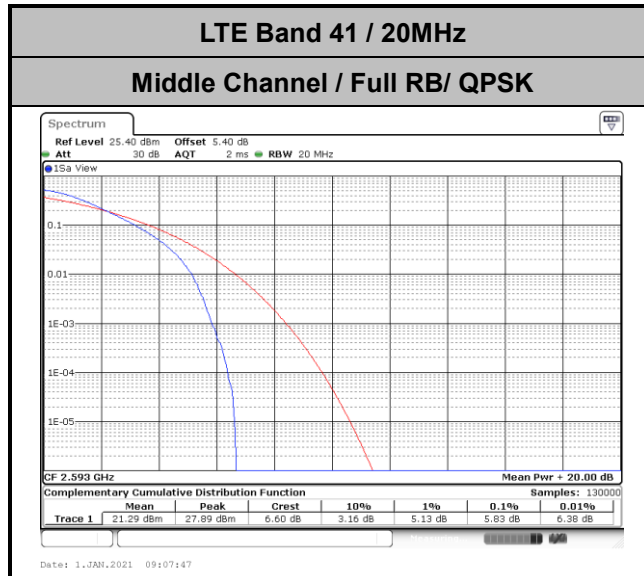
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41

Peak-to-Average Ratio

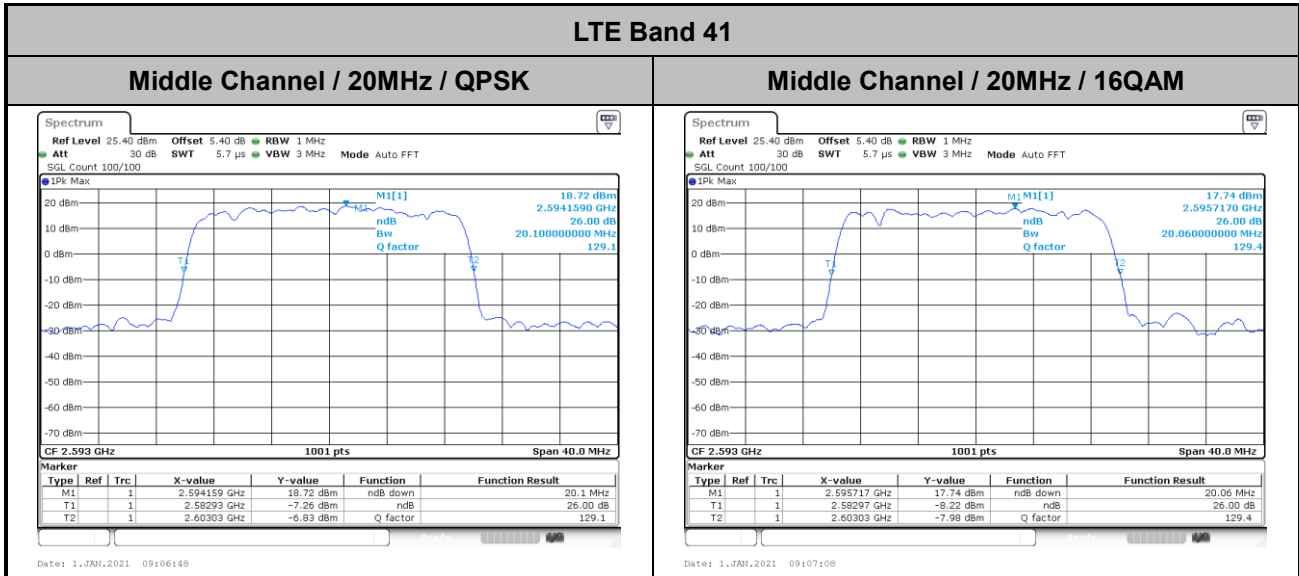
Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.83	6.09	7.10	PASS





26dB Bandwidth

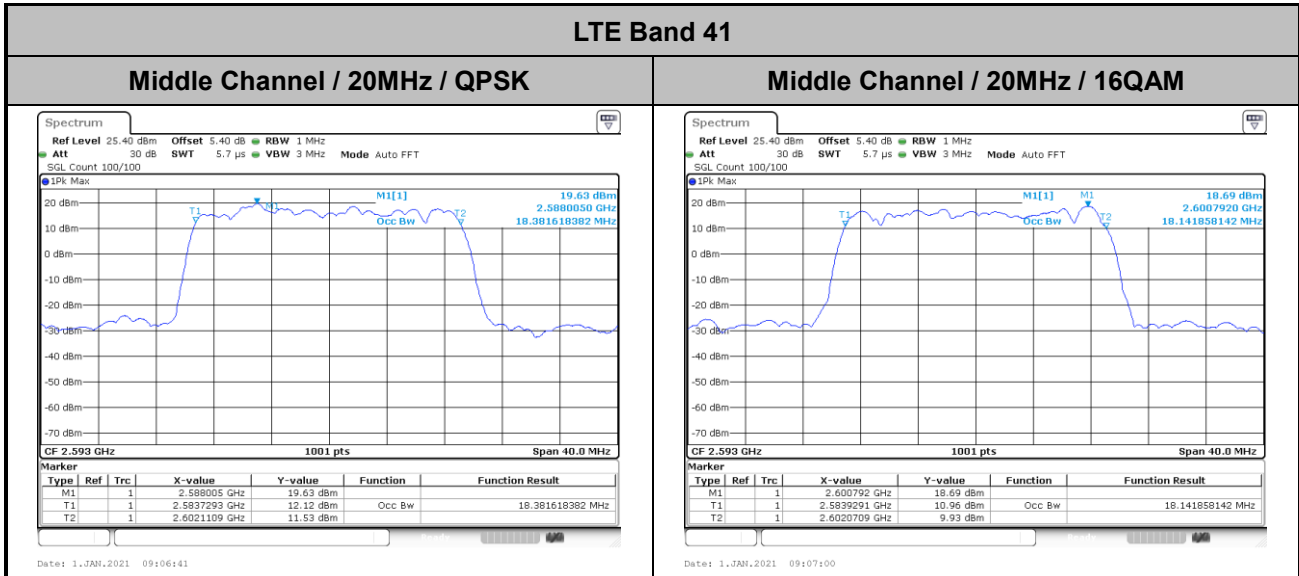
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.10	20.06





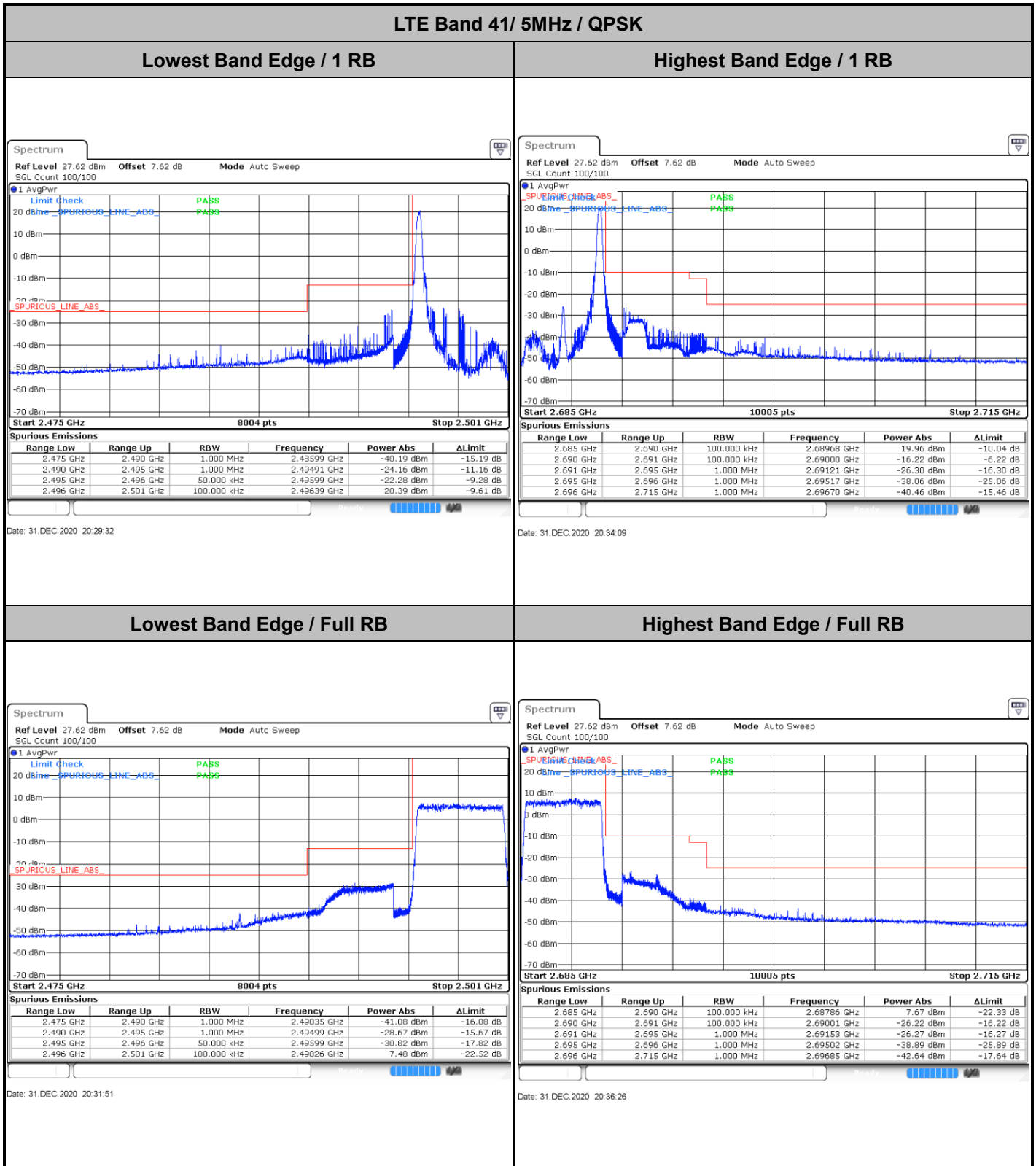
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.381	18.141





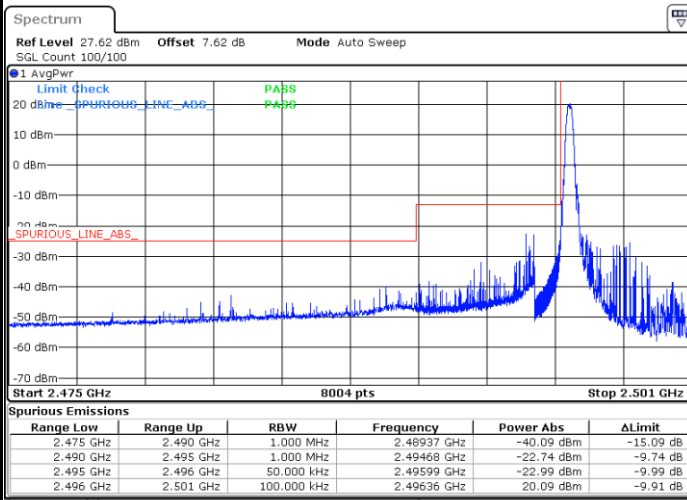
Conducted Band Edge





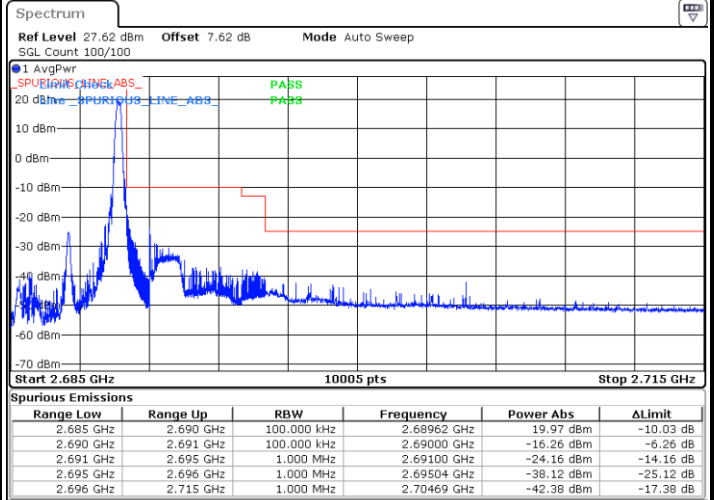
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



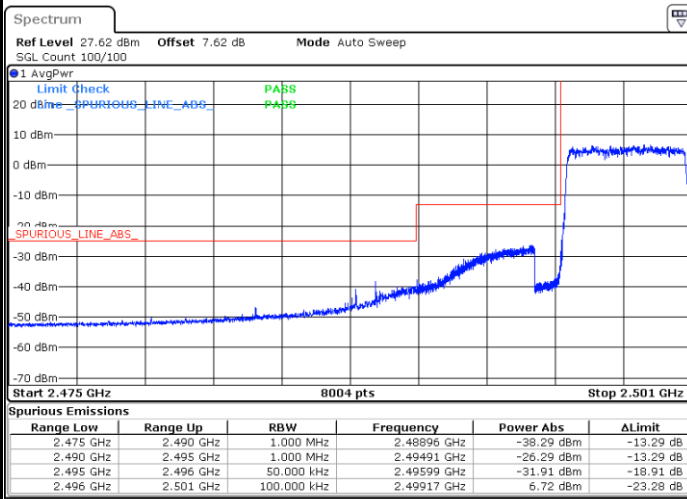
Date: 31 DEC 2020 20:30:42

Highest Band Edge / 1 RB



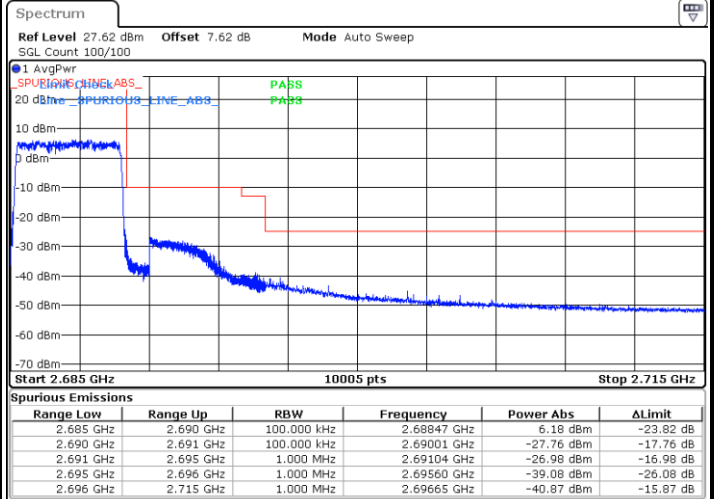
Date: 31 DEC 2020 20:35:18

Lowest Band Edge / Full RB



Date: 31 DEC 2020 20:33:00

Highest Band Edge / Full RB

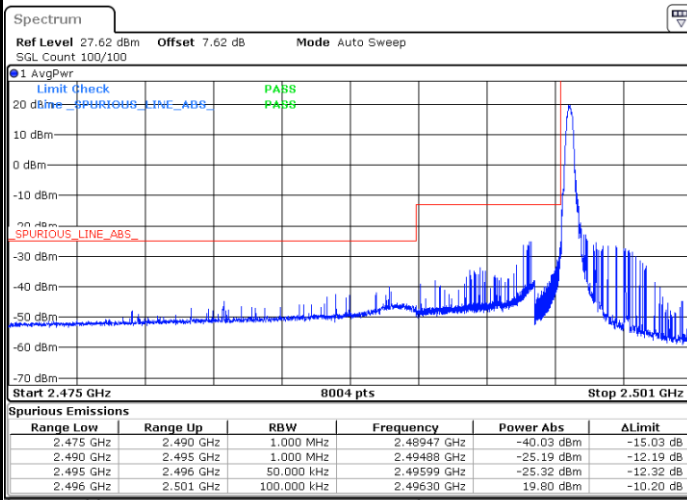


Date: 31 DEC 2020 20:37:35



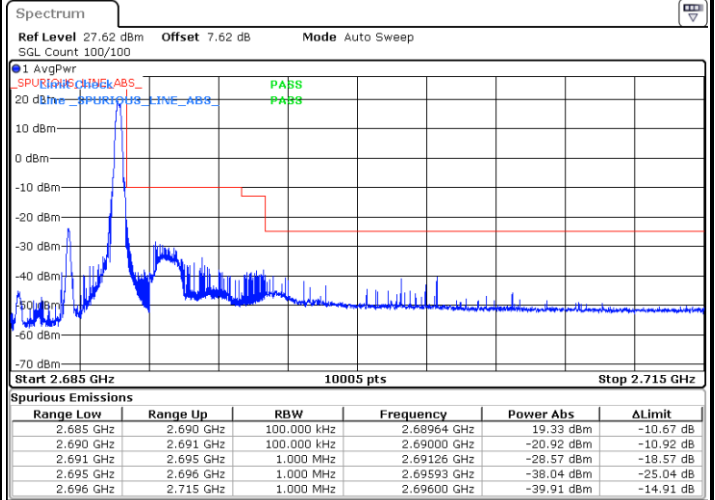
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



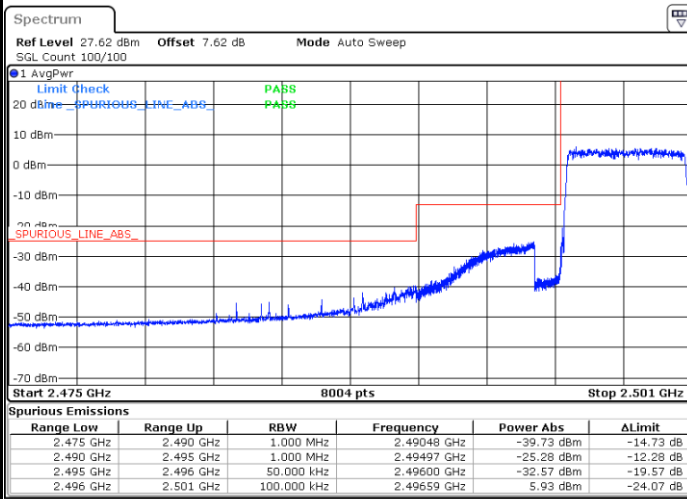
Date: 31 DEC 2020 21:06:18

Highest Band Edge / 1 RB



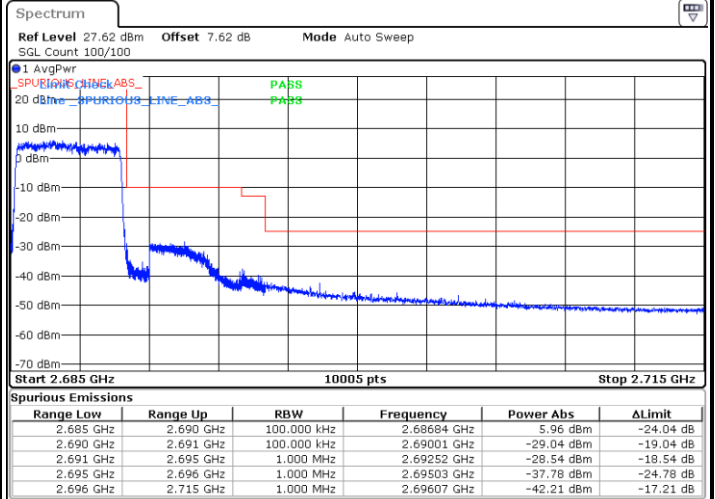
Date: 31 DEC 2020 21:09:45

Lowest Band Edge / Full RB



Date: 31 DEC 2020 21:07:27

Highest Band Edge / Full RB

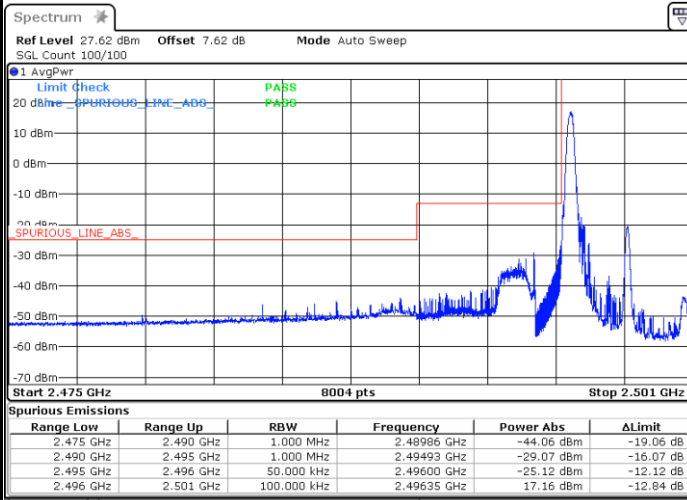


Date: 31 DEC 2020 21:08:36



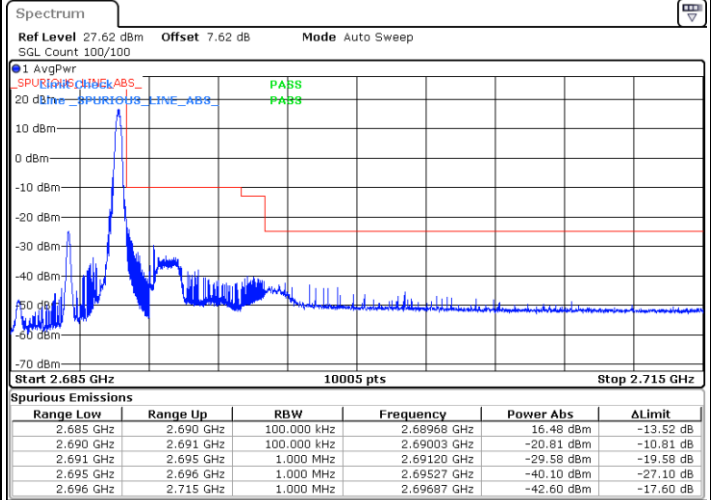
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



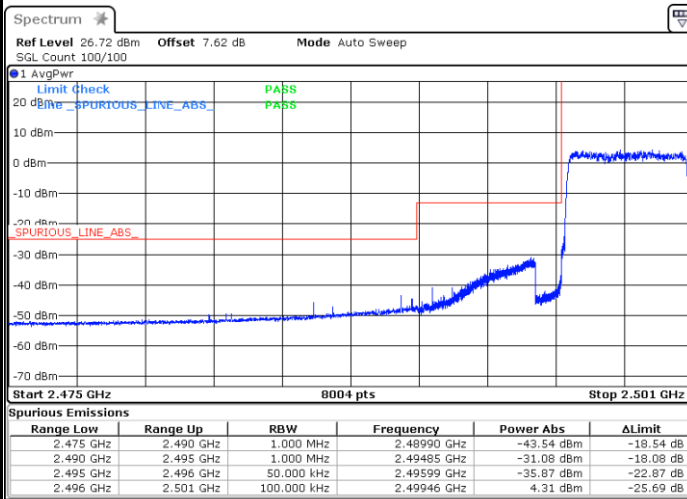
Date: 11.JAN.2021 18:37:55

Highest Band Edge / 1 RB



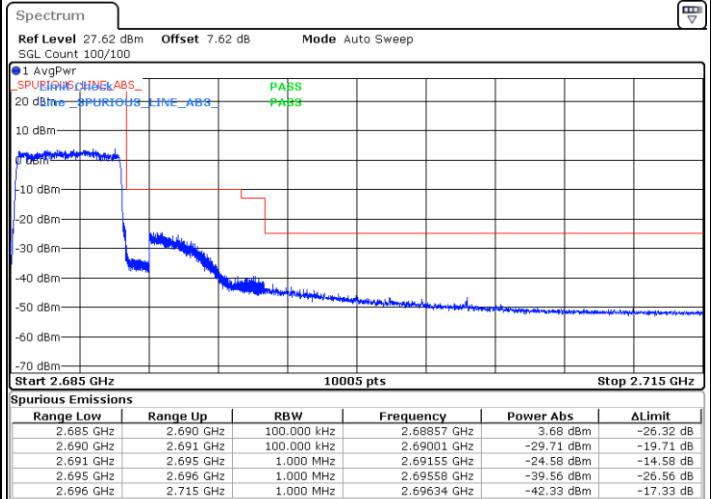
Date: 11.JAN.2021 18:38:33

Lowest Band Edge / Full RB



Date: 11.JAN.2021 18:37:09

Highest Band Edge / Full RB

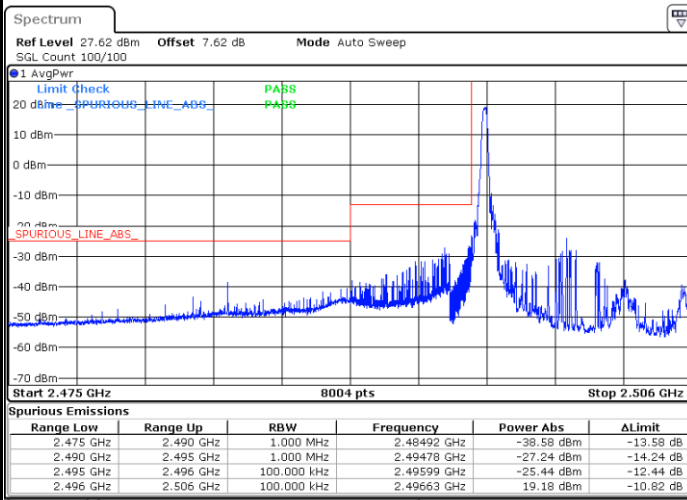


Date: 11.JAN.2021 18:38:54



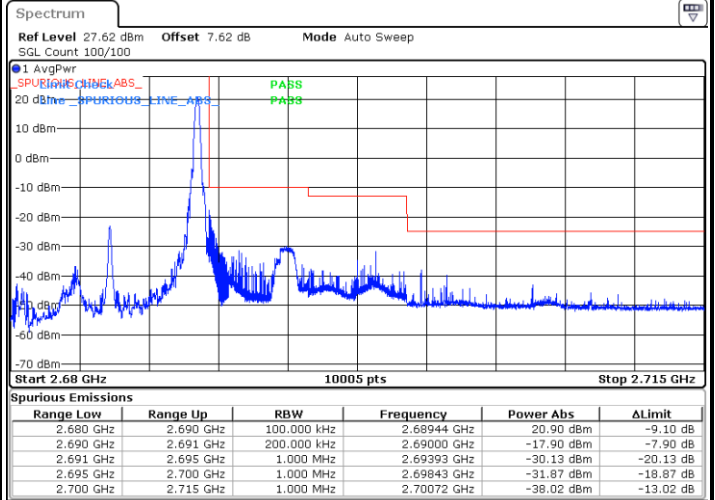
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



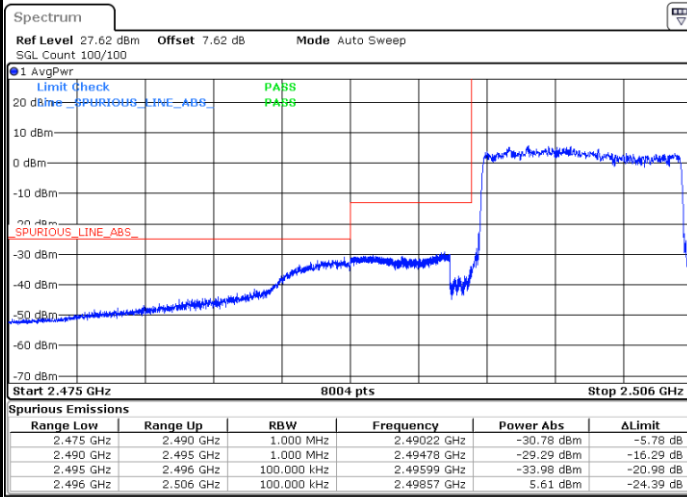
Date: 31 DEC 2020 20:38:44

Highest Band Edge / 1 RB



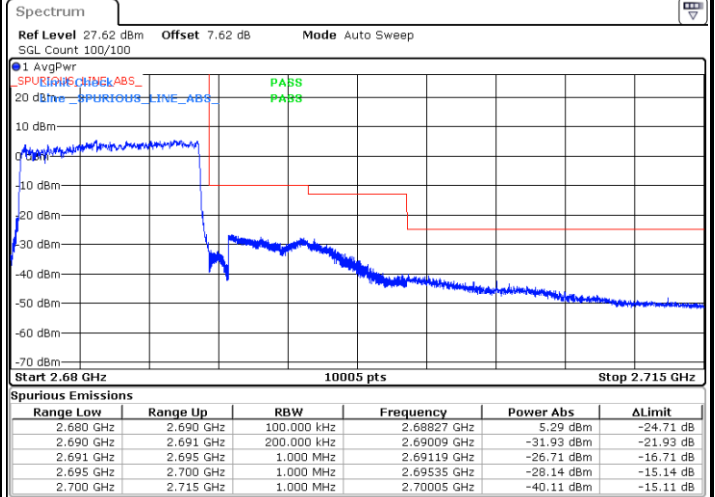
Date: 31 DEC 2020 20:43:21

Lowest Band Edge / Full RB



Date: 31 DEC 2020 20:41:03

Highest Band Edge / Full RB

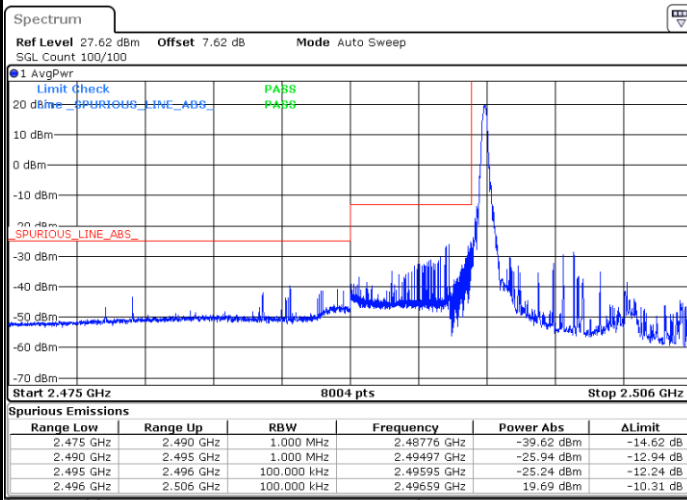


Date: 31 DEC 2020 20:45:38



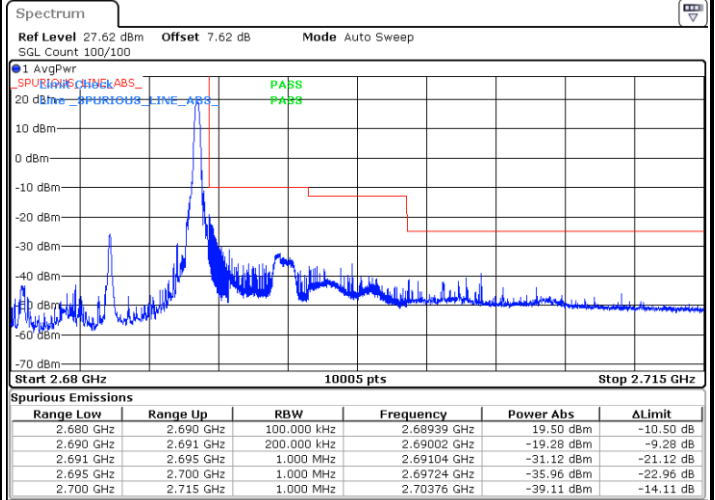
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



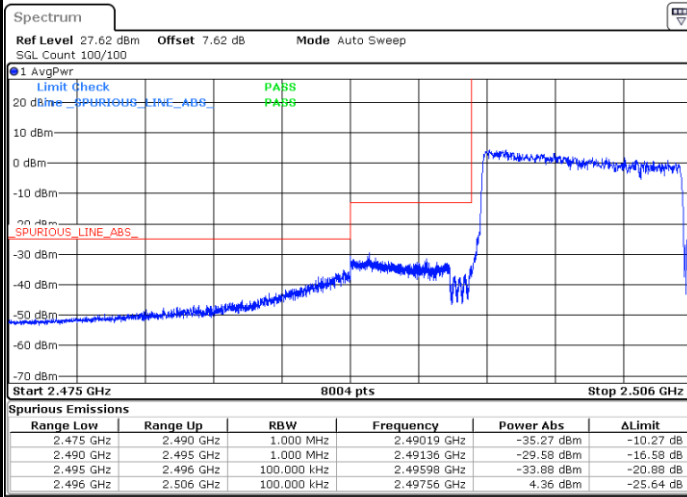
Date: 31 DEC 2020 20:39:54

Highest Band Edge / 1 RB



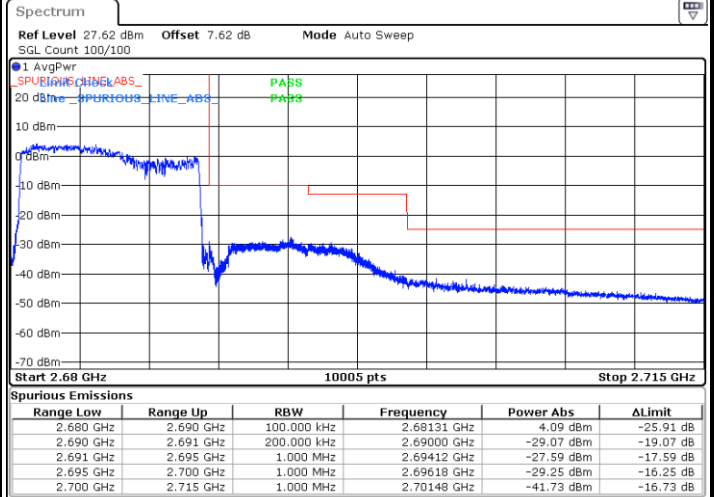
Date: 31 DEC 2020 20:44:30

Lowest Band Edge / Full RB



Date: 31 DEC 2020 20:42:12

Highest Band Edge / Full RB

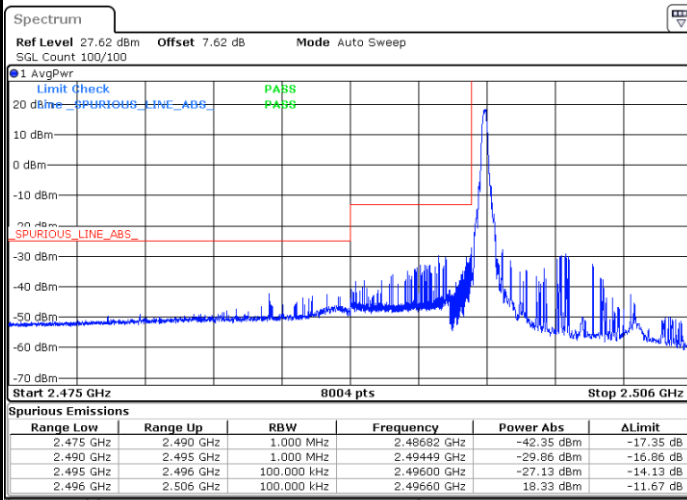


Date: 31 DEC 2020 20:46:47



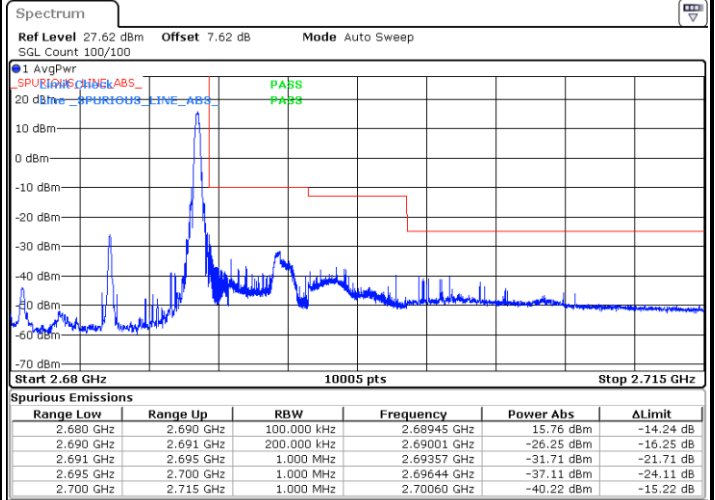
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



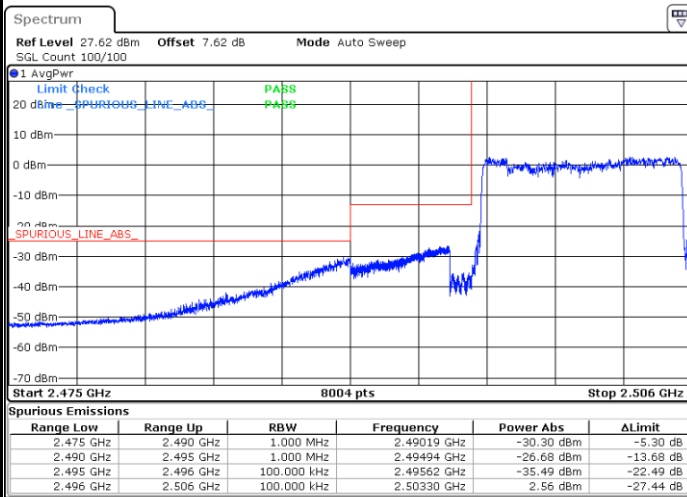
Date: 31 DEC 2020 21:10:54

Highest Band Edge / 1 RB



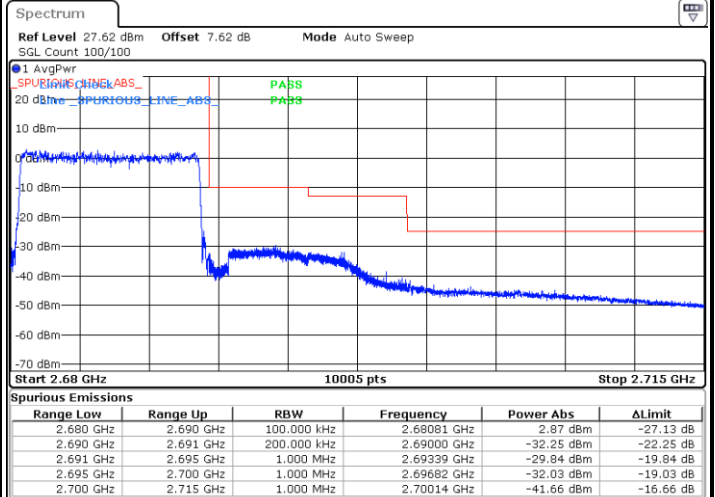
Date: 31 DEC 2020 21:14:20

Lowest Band Edge / Full RB



Date: 31 DEC 2020 21:12:03

Highest Band Edge / Full RB

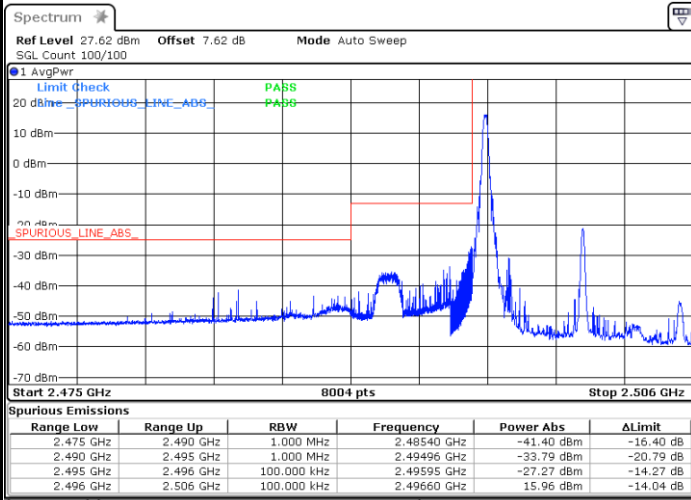


Date: 31 DEC 2020 21:13:12



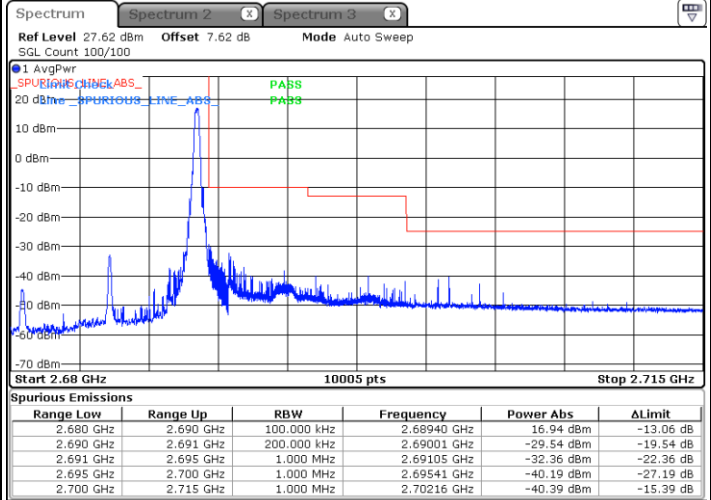
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



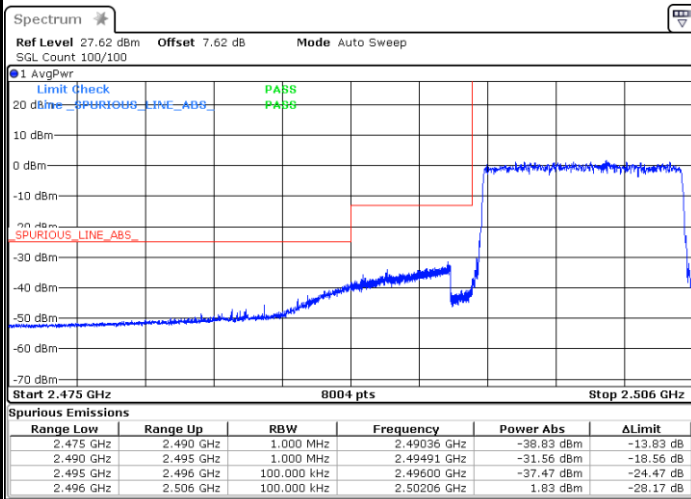
Date: 11.JAN.2021 18:41:40

Highest Band Edge / 1 RB



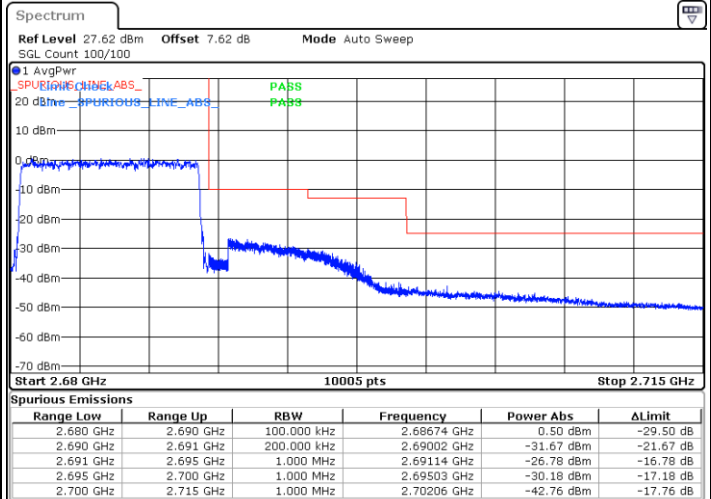
Date: 27.JAN.2021 20:45:11

Lowest Band Edge / Full RB



Date: 11.JAN.2021 18:41:17

Highest Band Edge / Full RB



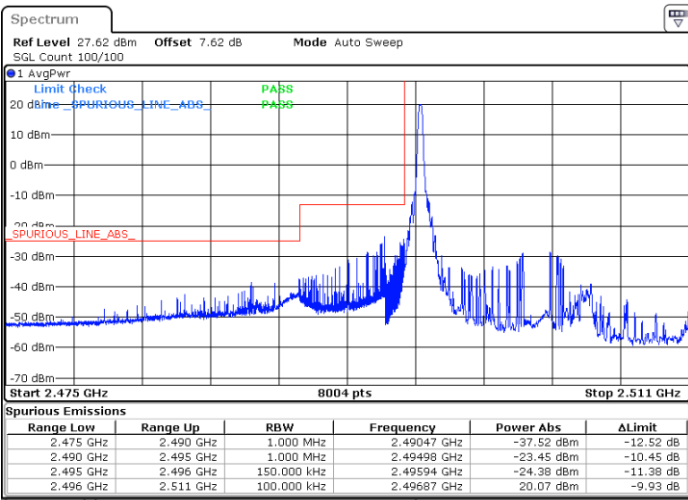
Date: 11.JAN.2021 18:42:37



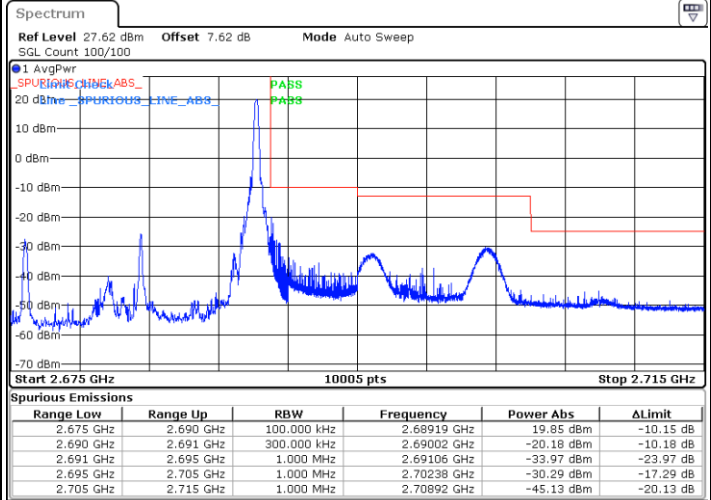
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



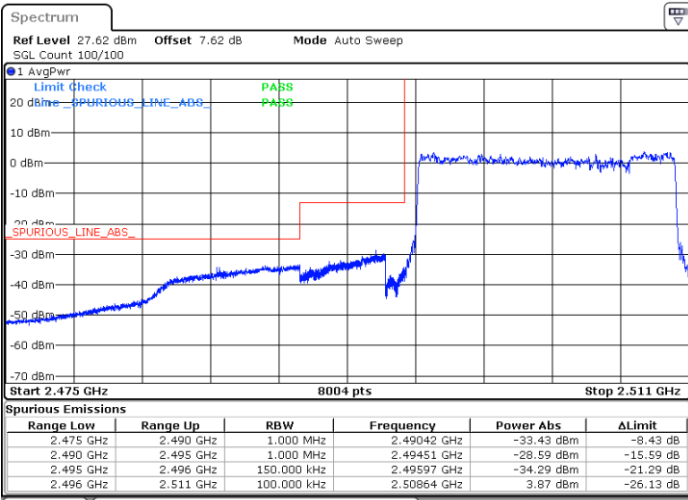
Date: 31 DEC 2020 20:47:56



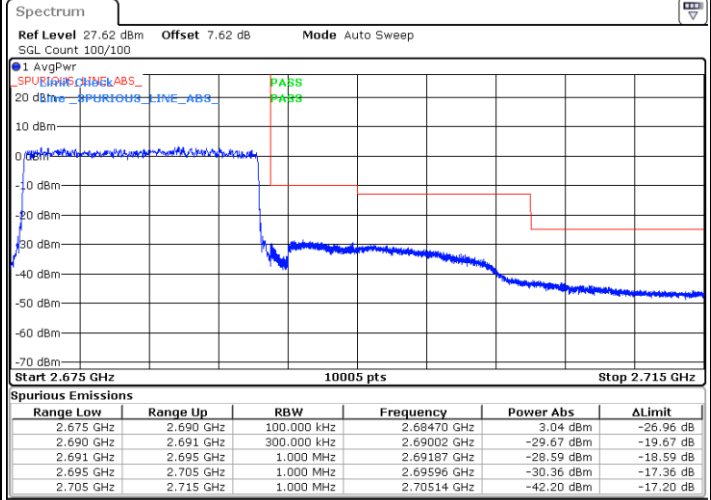
Date: 31 DEC 2020 20:52:32

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 31 DEC 2020 20:50:14

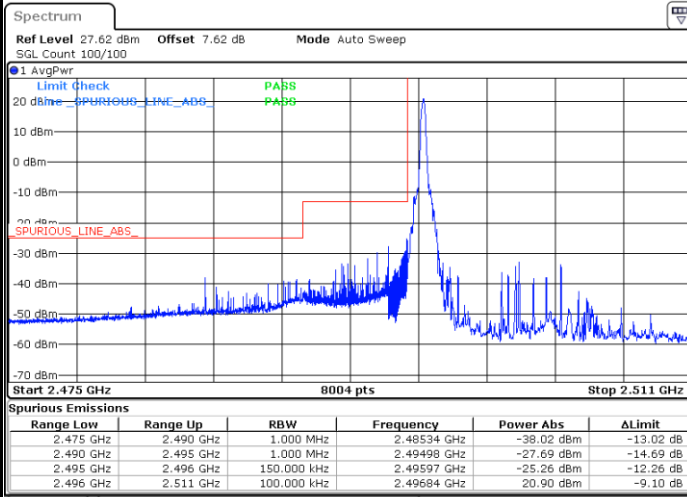


Date: 31 DEC 2020 20:54:50



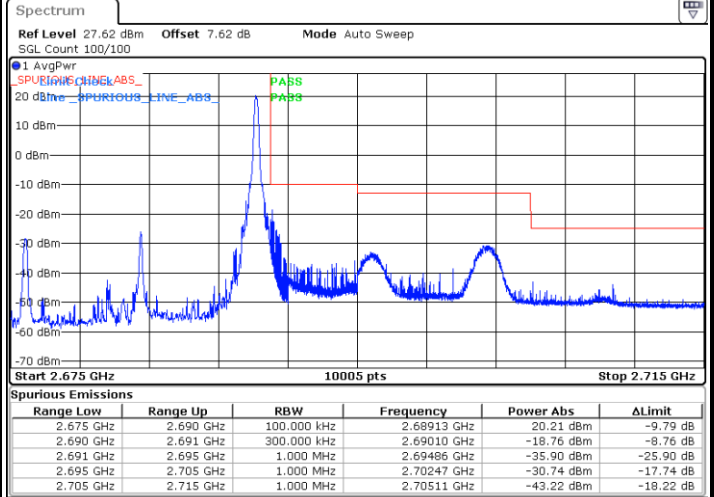
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



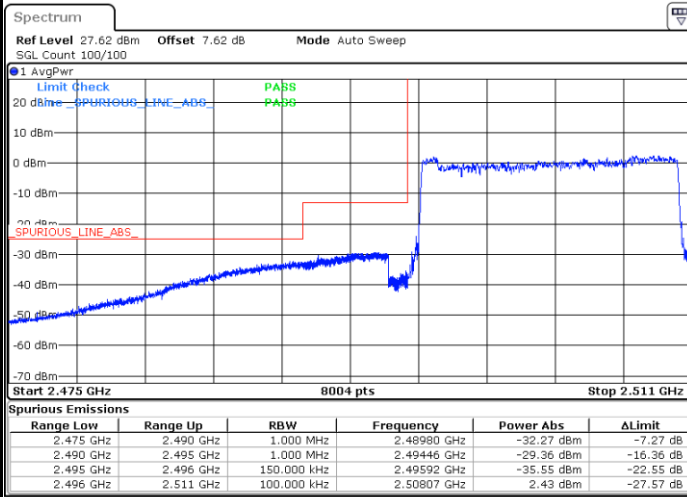
Date: 31 DEC 2020 20:49:05

Highest Band Edge / 1 RB



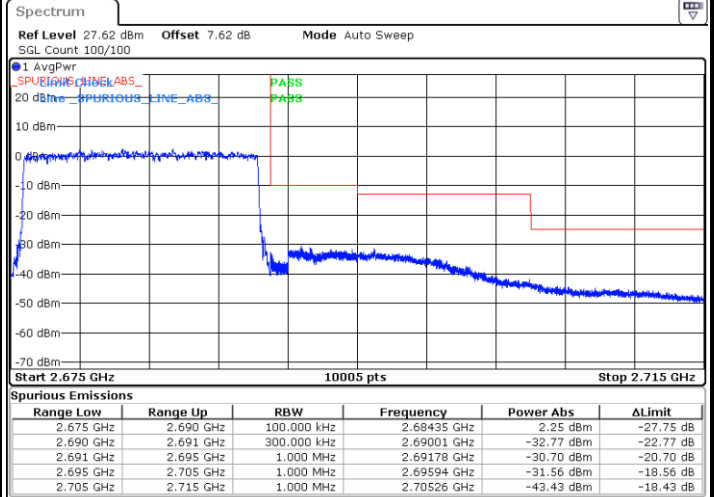
Date: 31 DEC 2020 20:53:41

Lowest Band Edge / Full RB



Date: 31 DEC 2020 20:51:23

Highest Band Edge / Full RB

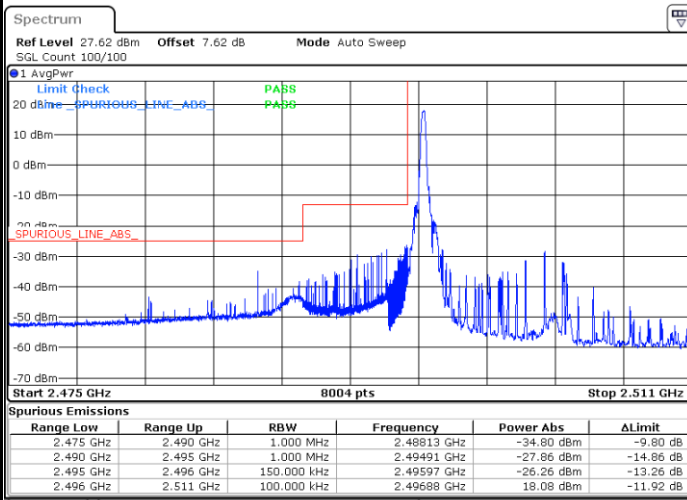


Date: 31 DEC 2020 20:55:58



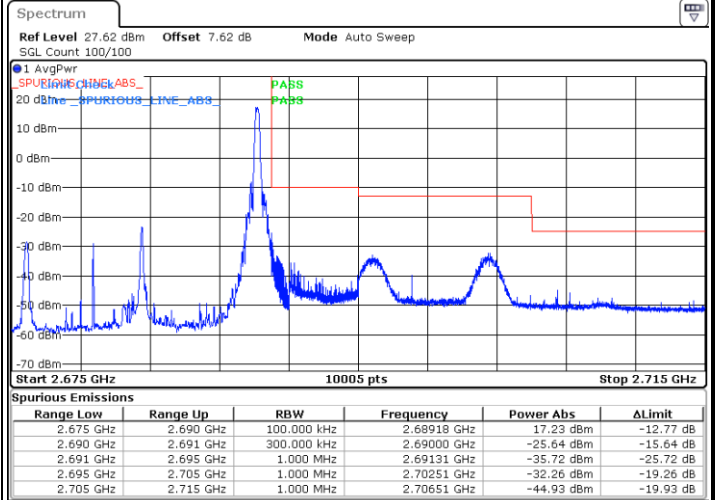
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



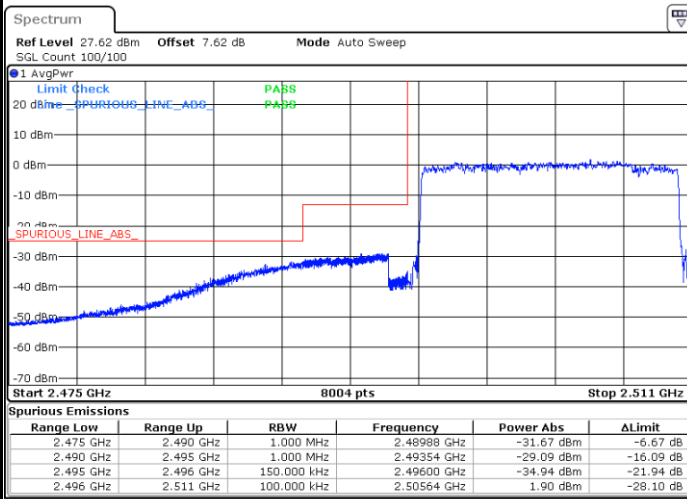
Date: 31 DEC 2020 21:15:29

Highest Band Edge / 1 RB



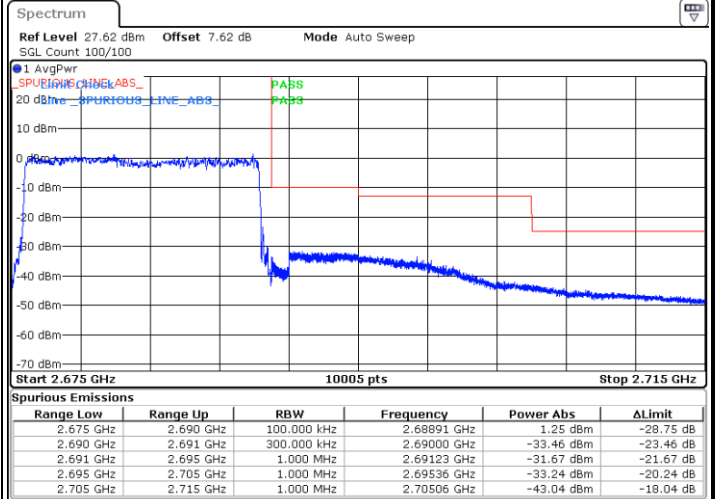
Date: 31 DEC 2020 21:18:56

Lowest Band Edge / Full RB



Date: 31 DEC 2020 21:16:39

Highest Band Edge / Full RB

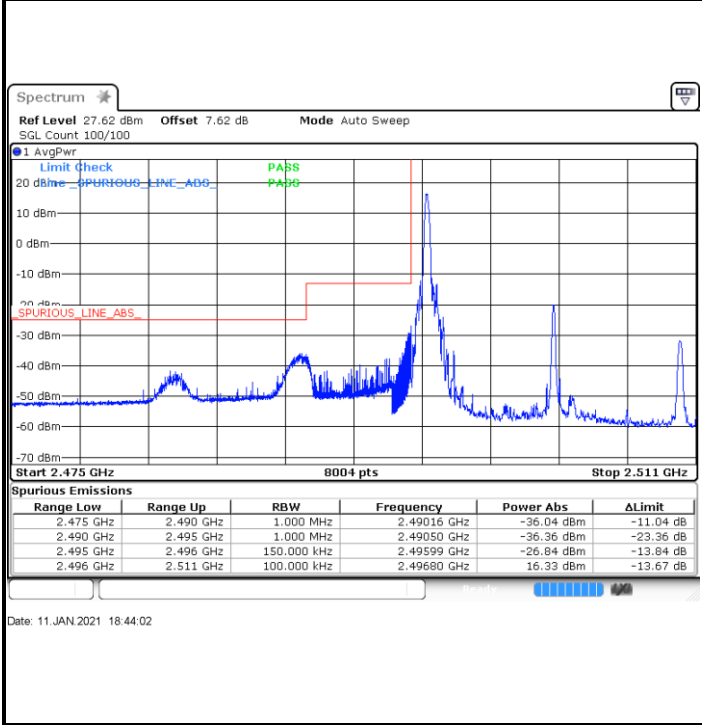


Date: 31 DEC 2020 21:17:47

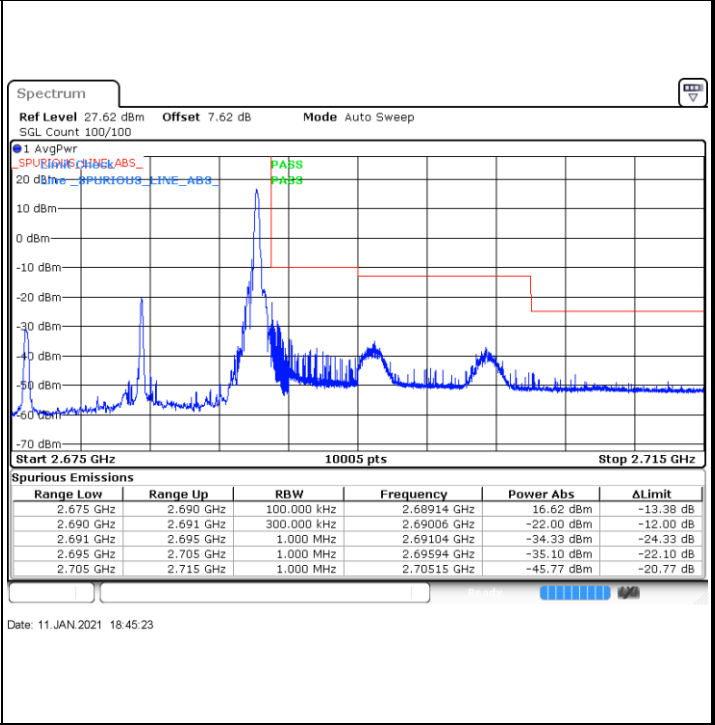


LTE Band 41 / 15MHz / 256QAM

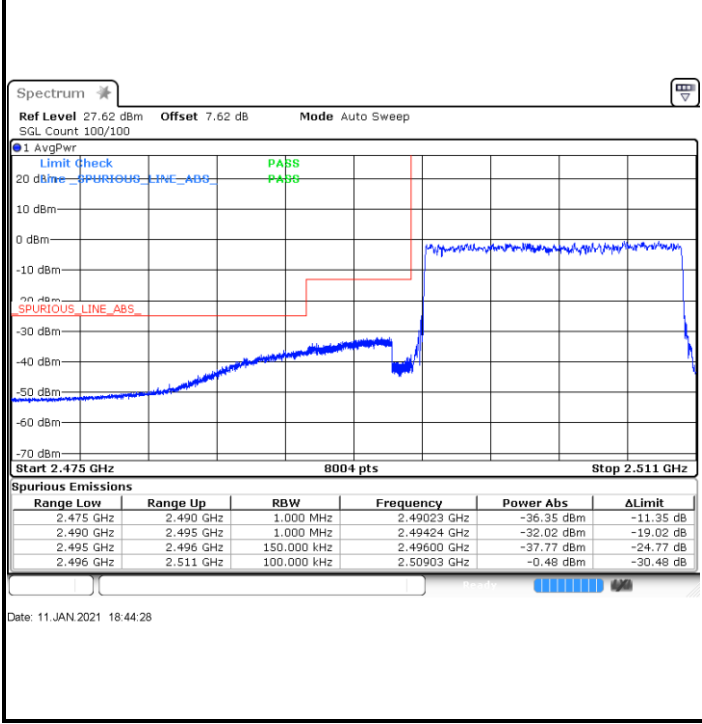
Lowest Band Edge / 1 RB



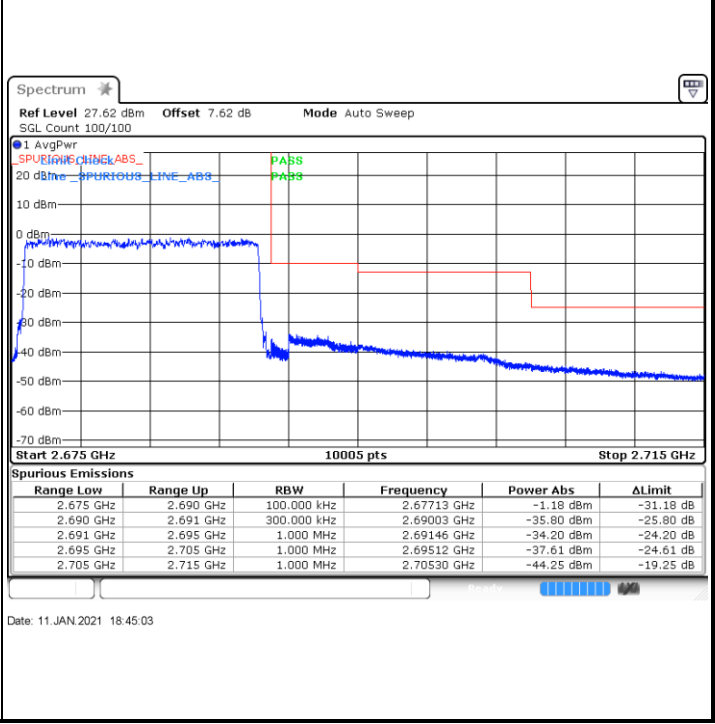
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



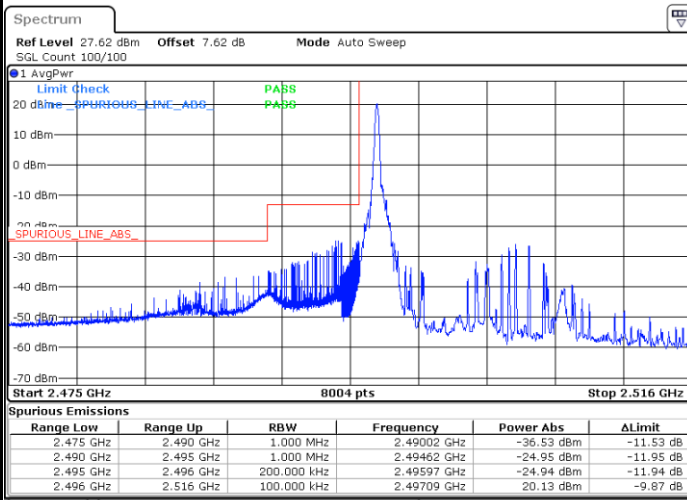
Highest Band Edge / Full RB





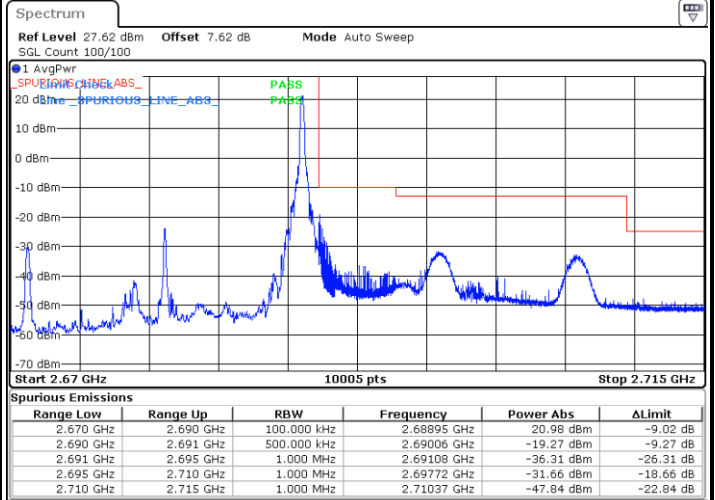
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



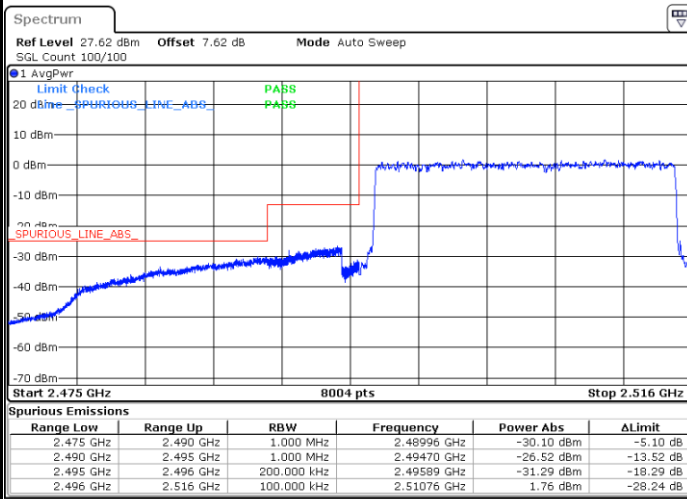
Date: 31 DEC 2020 20:57:07

Highest Band Edge / 1 RB



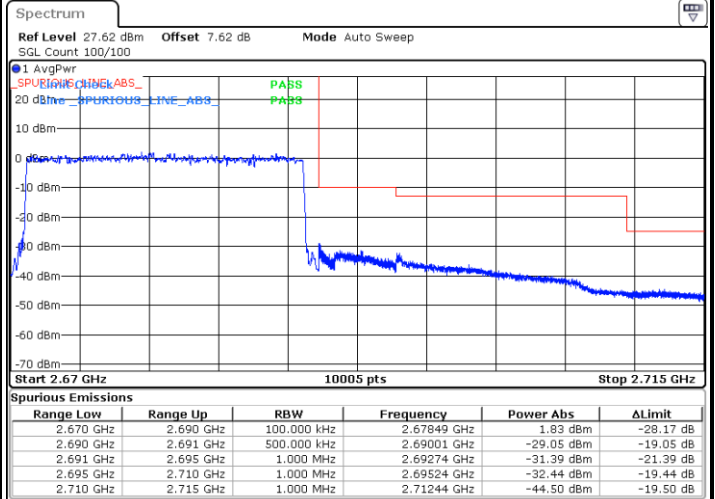
Date: 31 DEC 2020 21:01:43

Lowest Band Edge / Full RB



Date: 31 DEC 2020 20:59:26

Highest Band Edge / Full RB

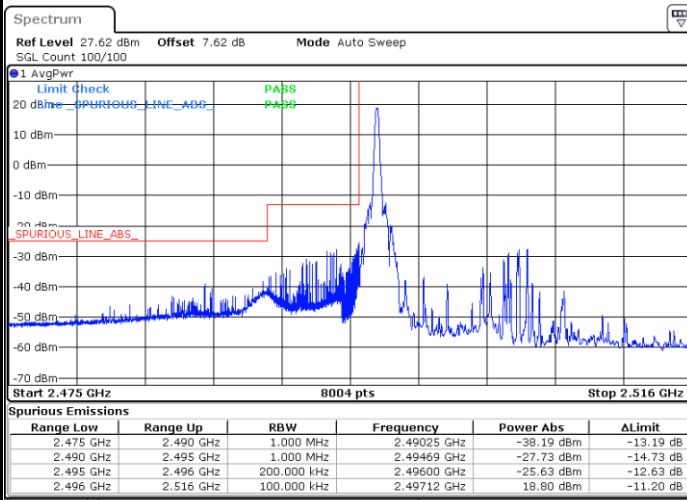


Date: 31 DEC 2020 21:05:09



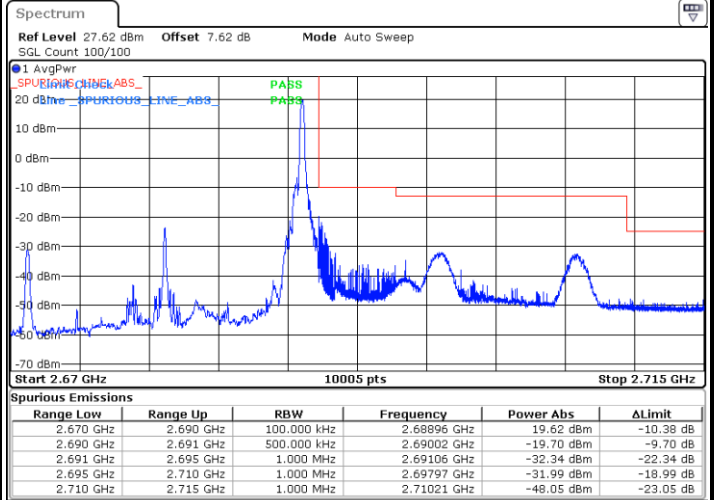
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



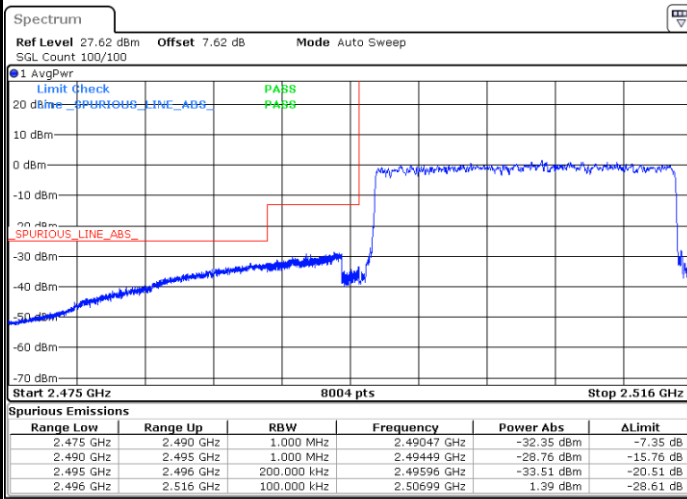
Date: 31 DEC 2020 20:58:16

Highest Band Edge / 1 RB



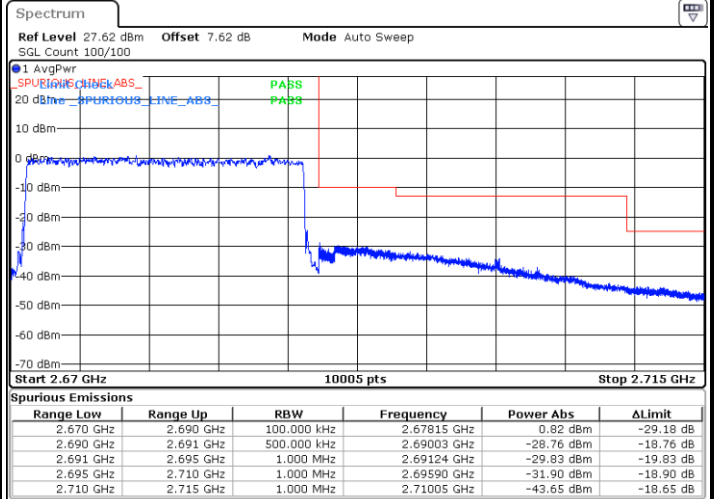
Date: 31 DEC 2020 21:02:52

Lowest Band Edge / Full RB



Date: 31 DEC 2020 21:00:35

Highest Band Edge / Full RB

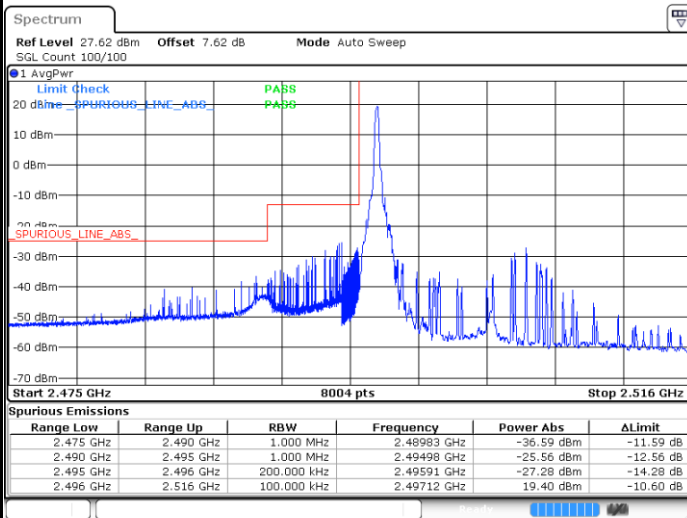


Date: 31 DEC 2020 21:04:01



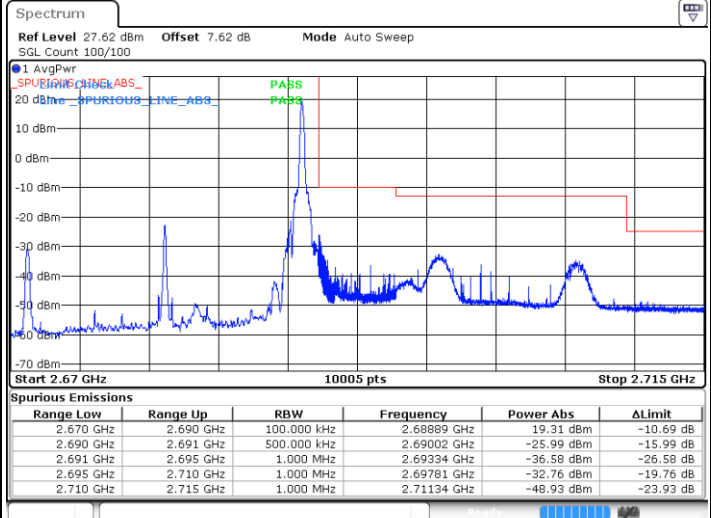
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



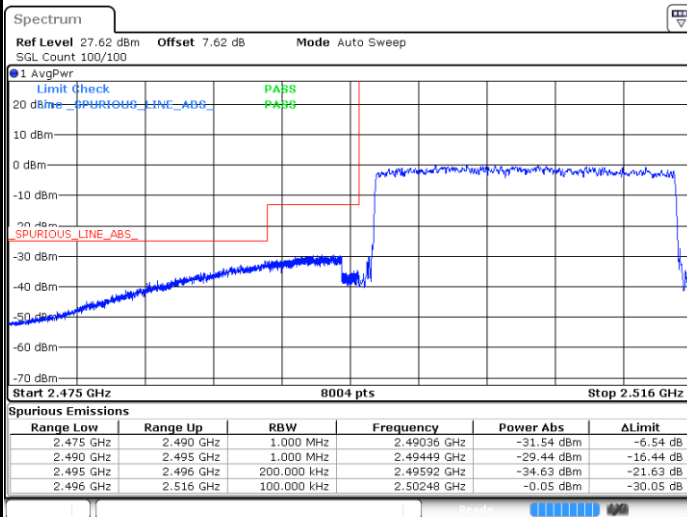
Date: 31 DEC 2020 21:20:05

Highest Band Edge / 1 RB



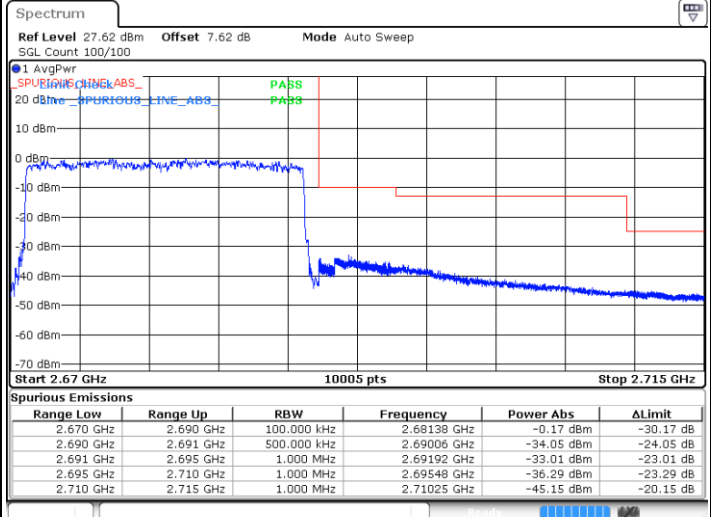
Date: 31 DEC 2020 21:23:32

Lowest Band Edge / Full RB



Date: 31 DEC 2020 21:21:14

Highest Band Edge / Full RB

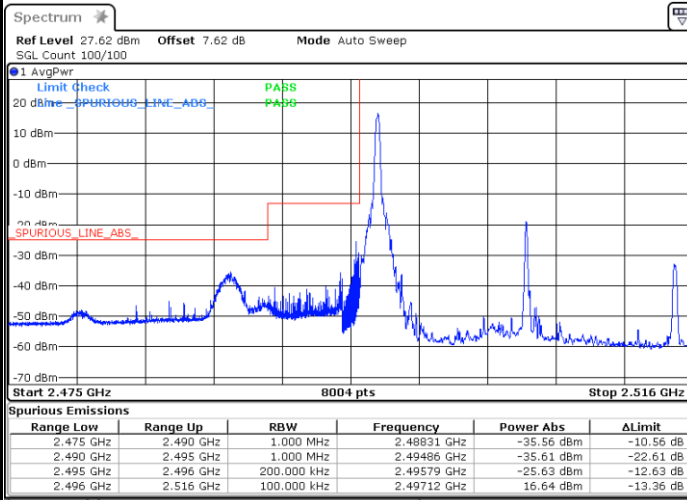


Date: 31 DEC 2020 21:22:23



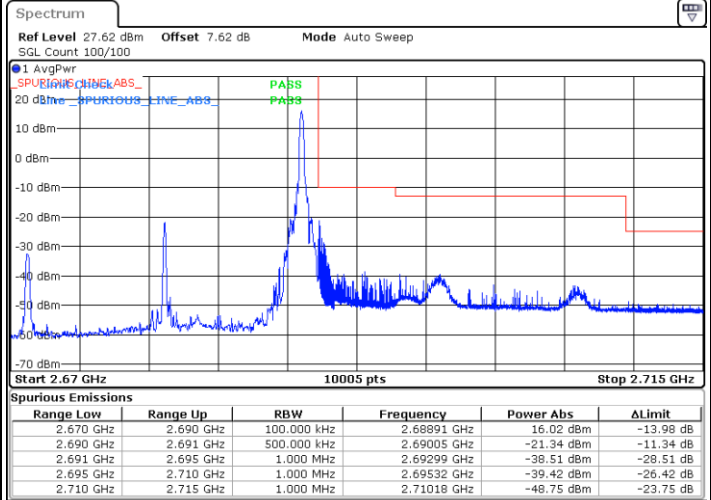
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



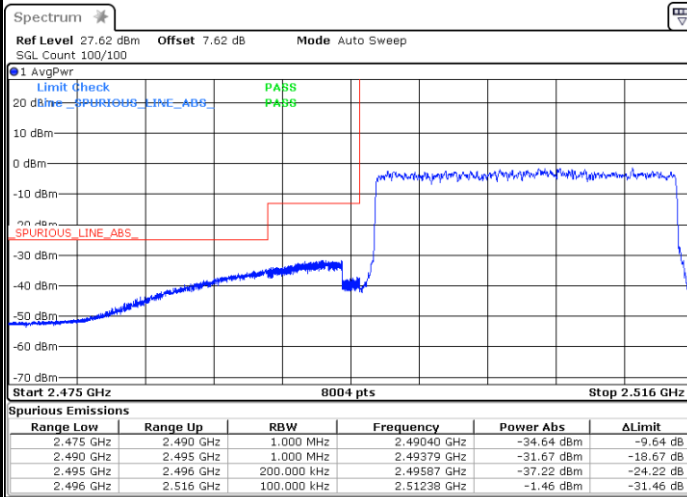
Date: 11.JAN.2021 18:46:40

Highest Band Edge / 1 RB



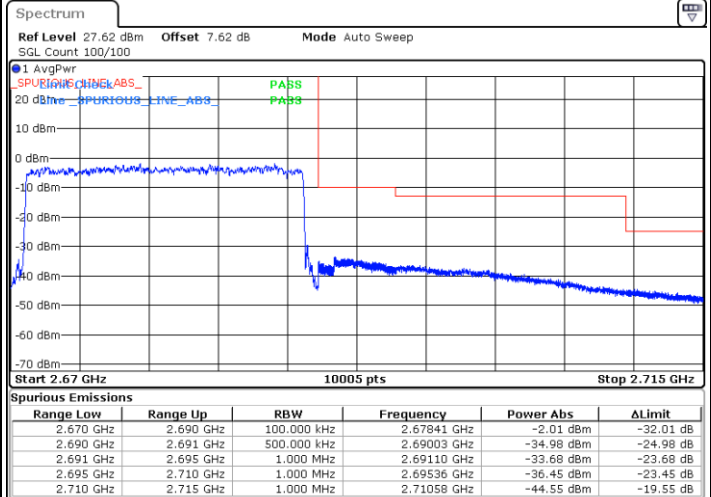
Date: 11.JAN.2021 18:47:45

Lowest Band Edge / Full RB



Date: 11.JAN.2021 18:47:10

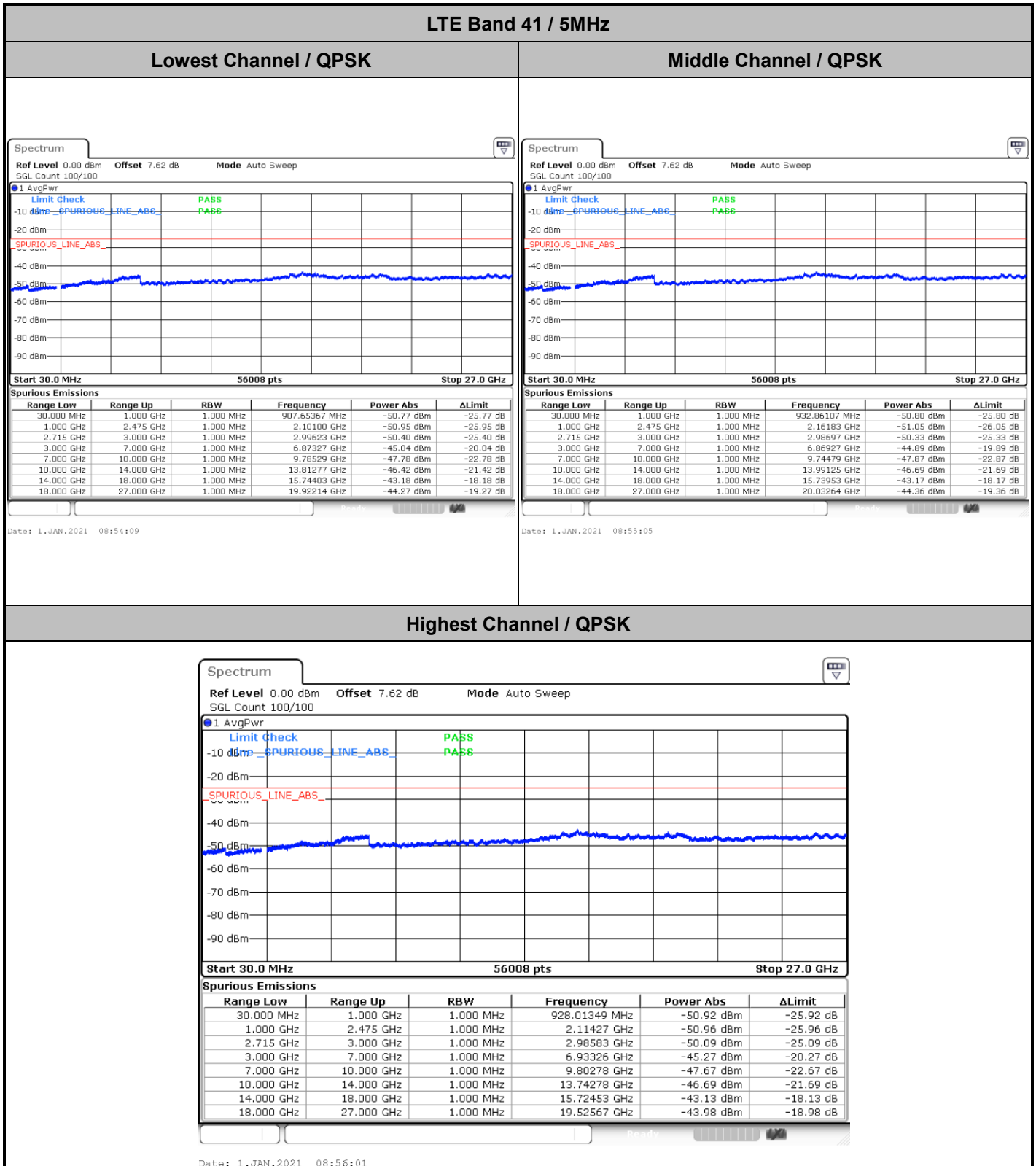
Highest Band Edge / Full RB



Date: 11.JAN.2021 18:48:02



Conducted Spurious Emission

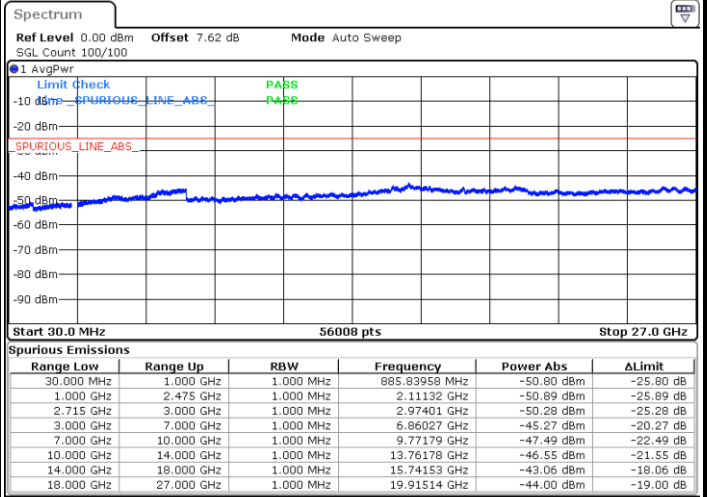
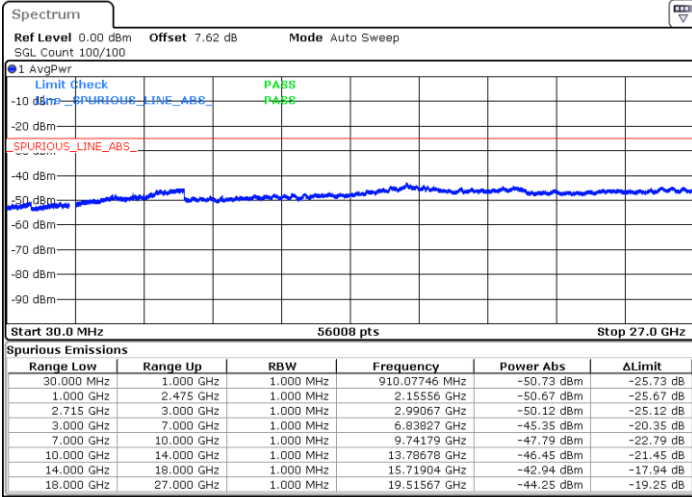




LTE Band 41 / 10MHz

Lowest Channel / QPSK

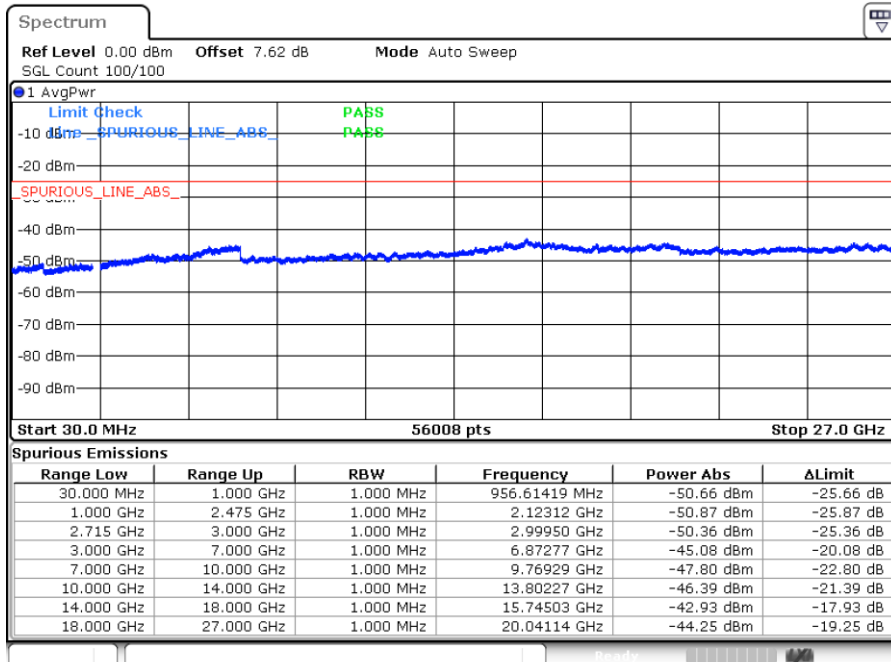
Middle Channel / QPSK



Date: 1.JAN.2021 08:56:57

Date: 1.JAN.2021 08:57:53

Highest Channel / QPSK



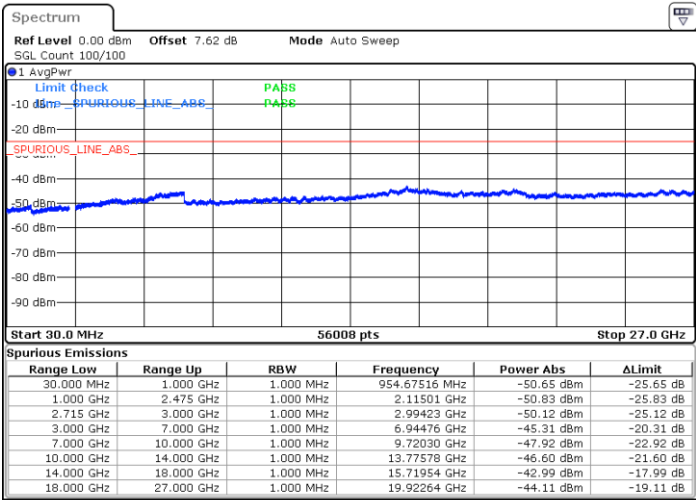
Date: 1.JAN.2021 08:58:49



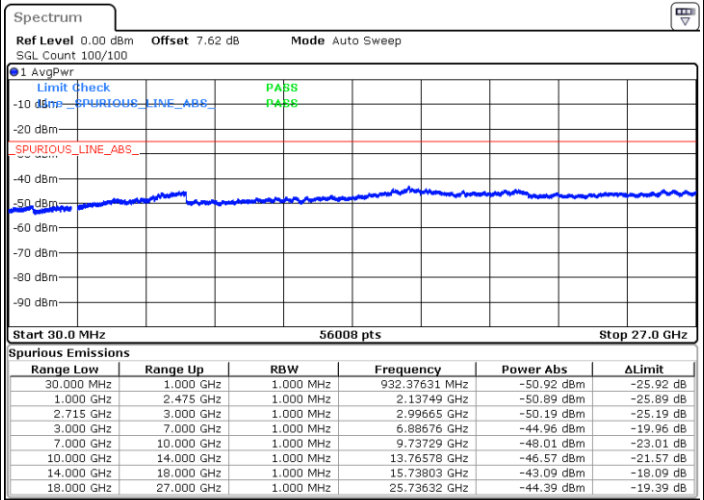
LTE Band 41 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

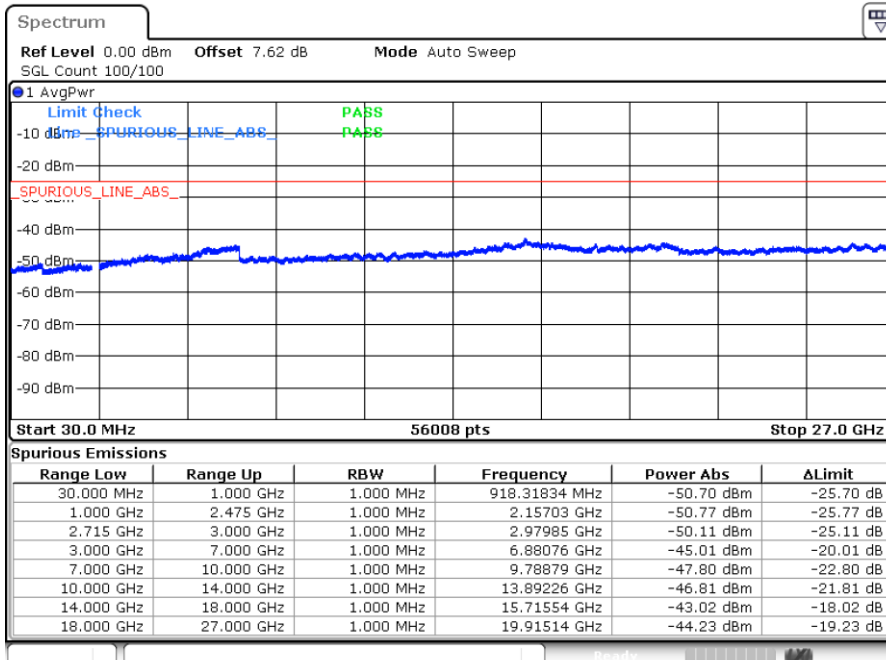


Date: 1.JAN.2021 08:59:45



Date: 1.JAN.2021 09:00:41

Highest Channel / QPSK



Date: 1.JAN.2021 09:01:37