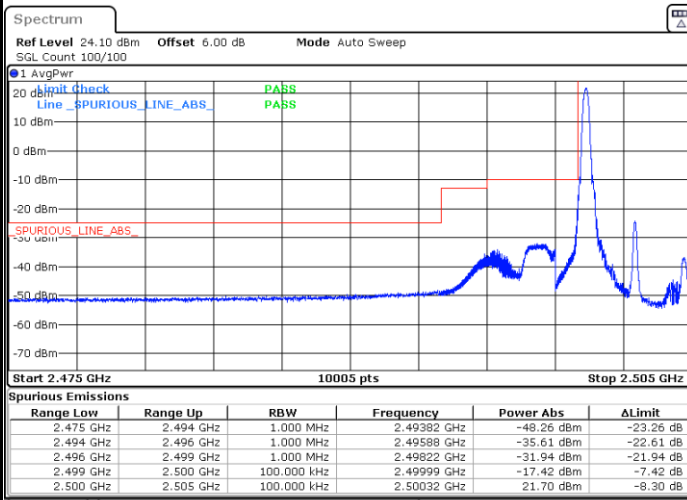




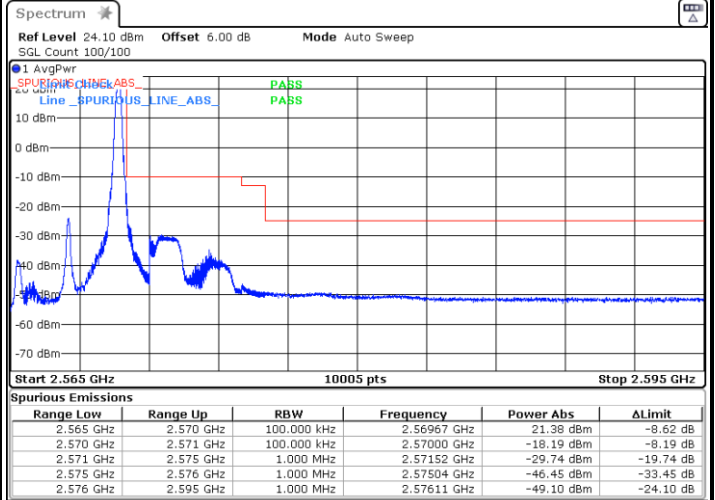
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



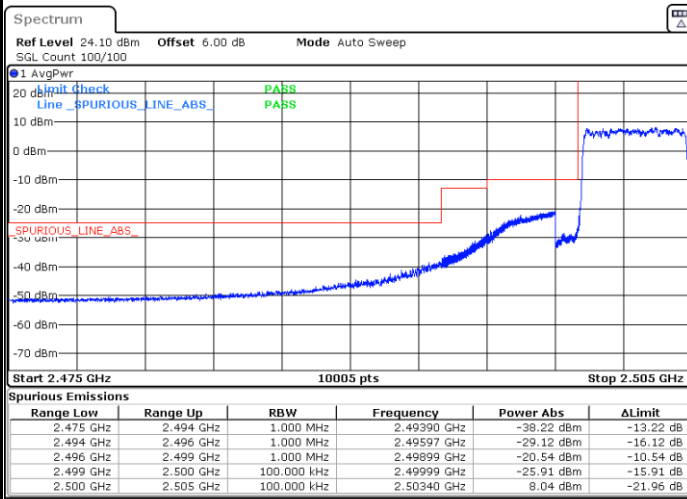
Date: 12.JUL.2021 10:44:27

Highest Band Edge / 1 RB



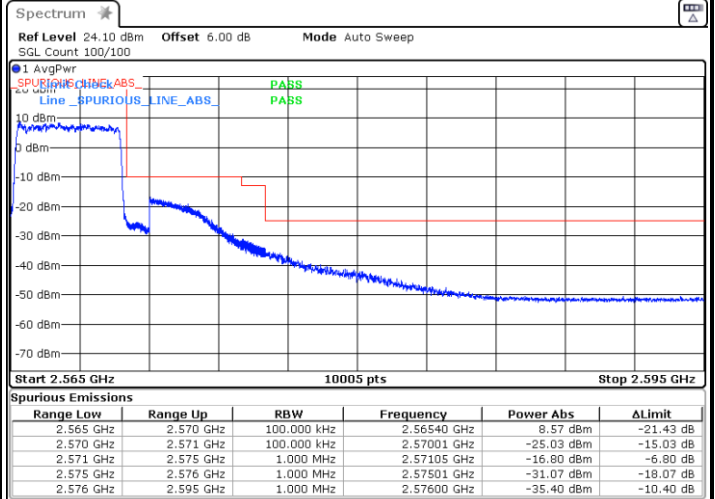
Date: 12.JUL.2021 10:50:28

Lowest Band Edge / Full RB



Date: 12.JUL.2021 10:46:59

Highest Band Edge / Full RB

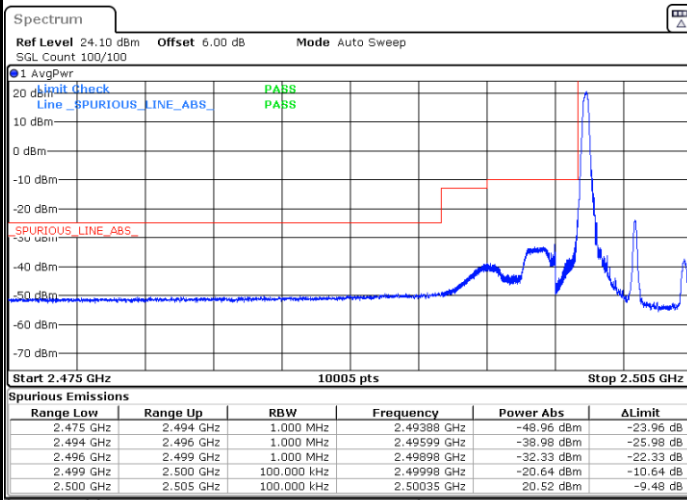


Date: 12.JUL.2021 10:53:24



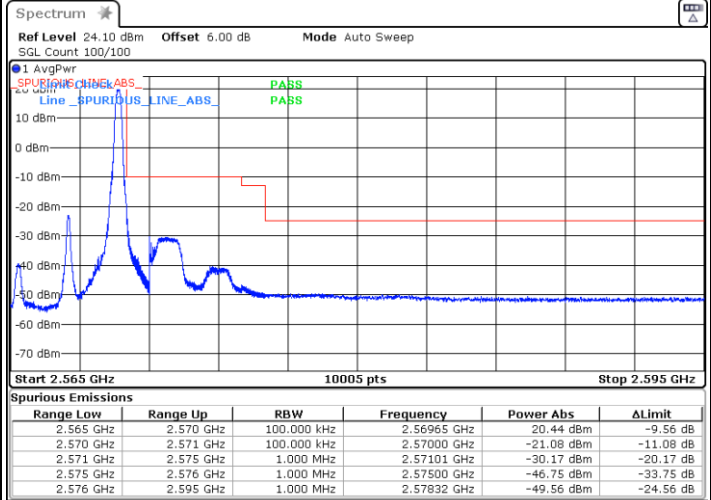
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



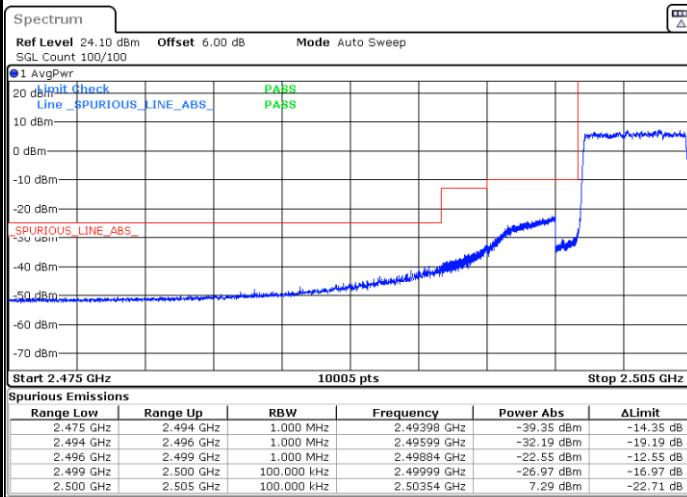
Date: 12.JUL.2021 10:44:55

Highest Band Edge / 1 RB



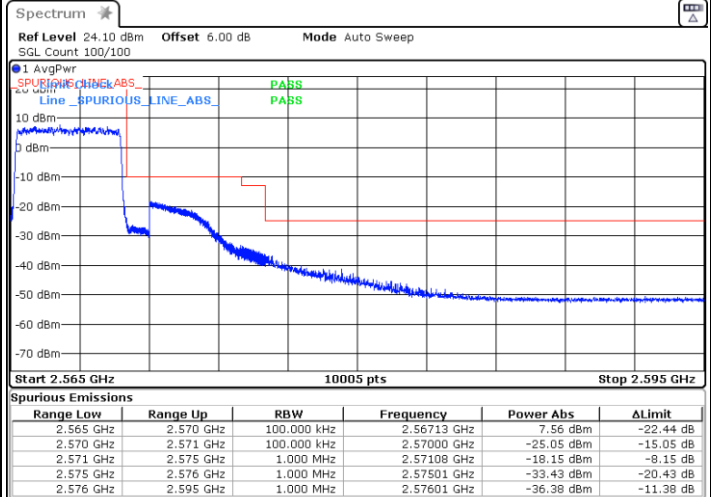
Date: 12.JUL.2021 10:51:24

Lowest Band Edge / Full RB



Date: 12.JUL.2021 10:46:12

Highest Band Edge / Full RB

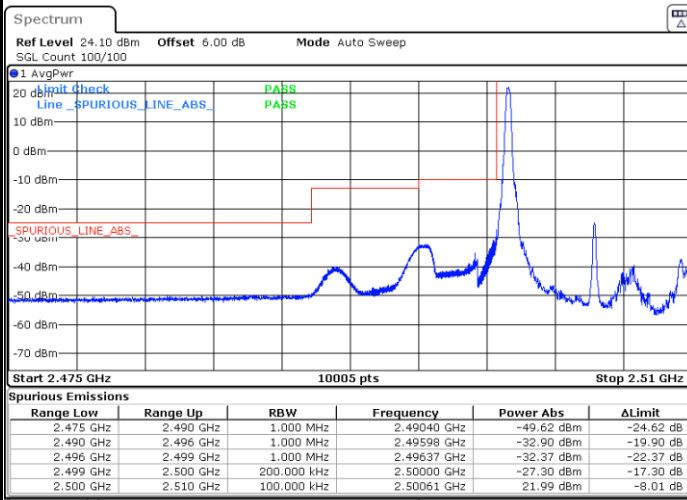


Date: 12.JUL.2021 10:52:18



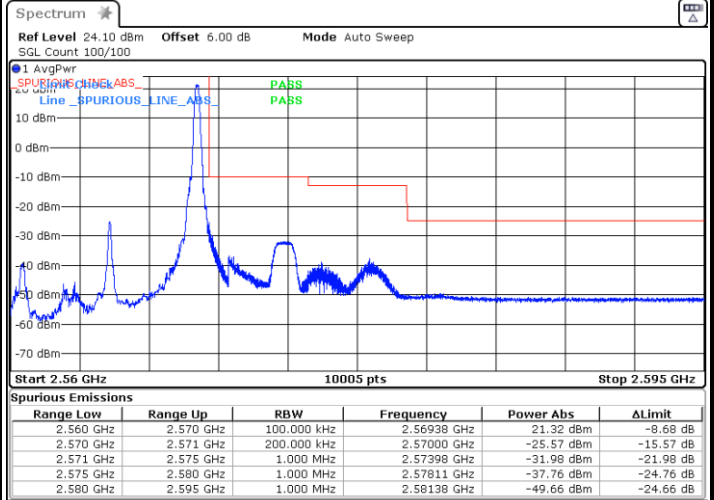
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



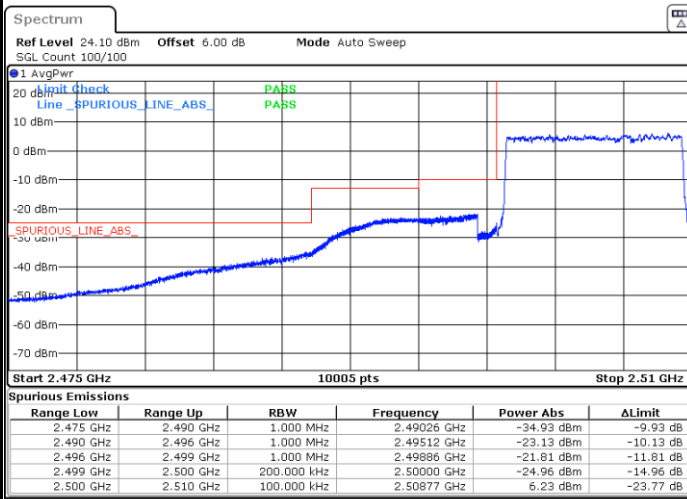
Date: 12.JUL.2021 11:22:54

Highest Band Edge / 1 RB



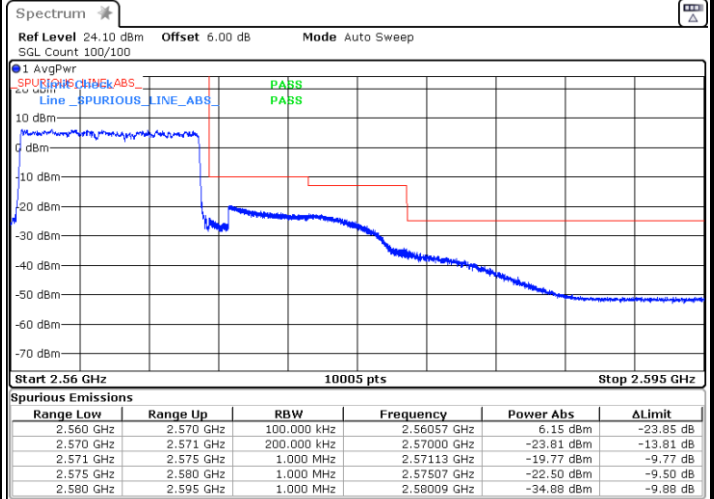
Date: 12.JUL.2021 11:33:35

Lowest Band Edge / Full RB



Date: 12.JUL.2021 11:28:33

Highest Band Edge / Full RB

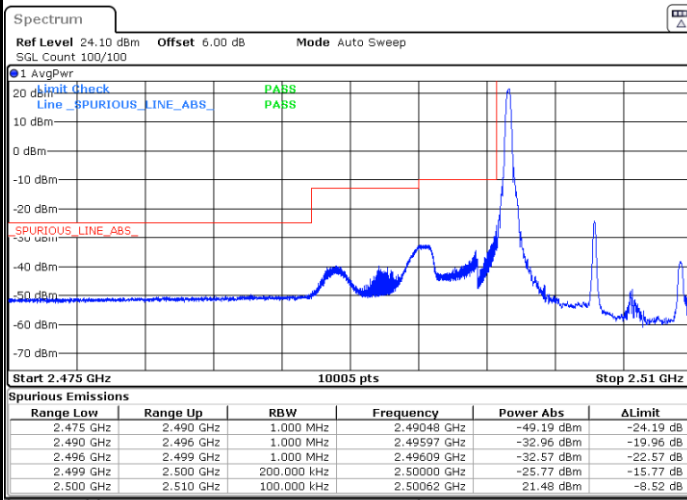


Date: 12.JUL.2021 11:41:28



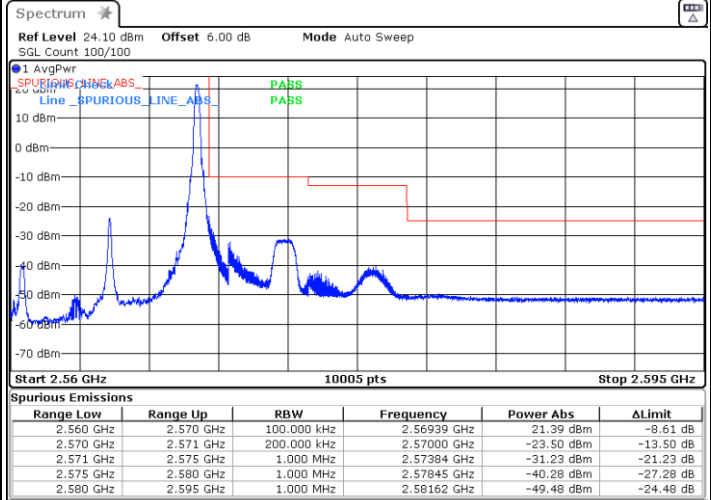
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



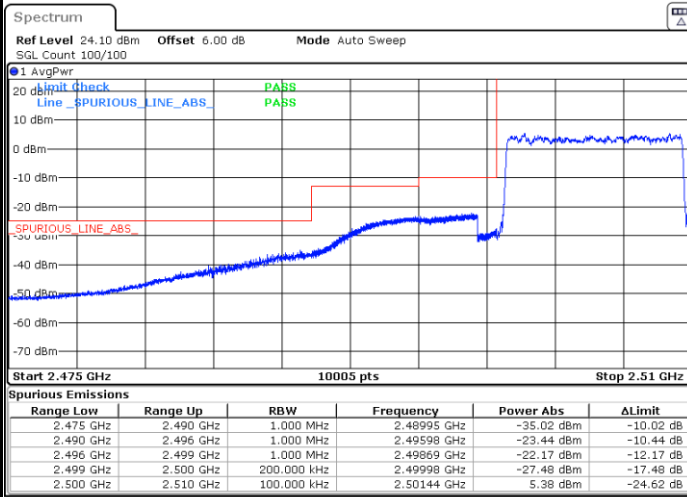
Date: 12.JUL.2021 11:24:38

Highest Band Edge / 1 RB



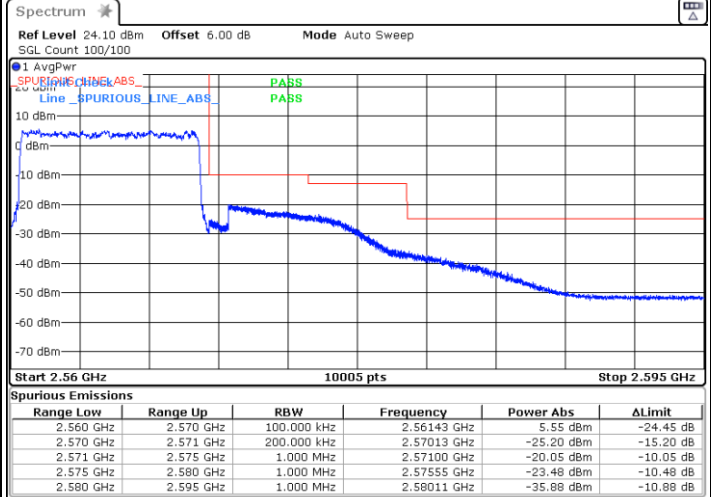
Date: 12.JUL.2021 11:34:10

Lowest Band Edge / Full RB



Date: 12.JUL.2021 11:26:53

Highest Band Edge / Full RB

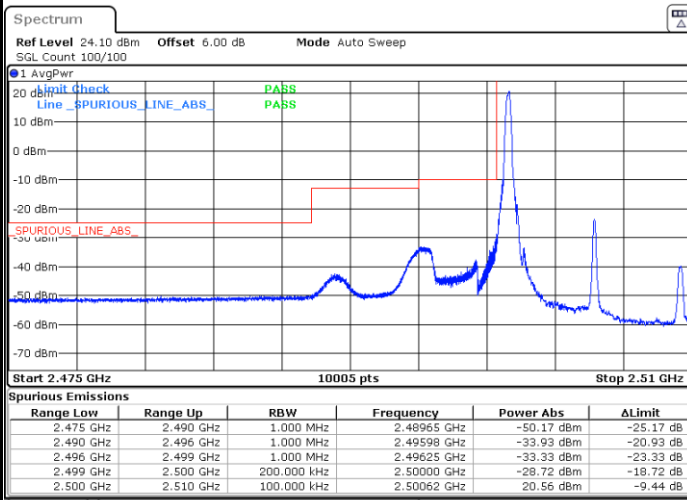


Date: 12.JUL.2021 11:40:52



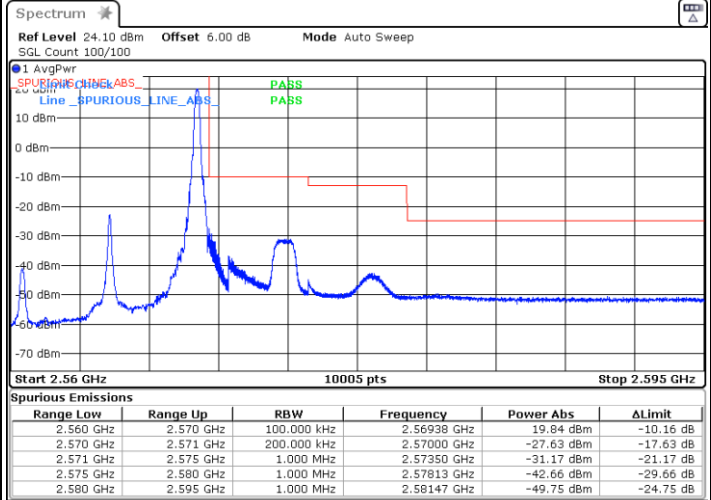
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



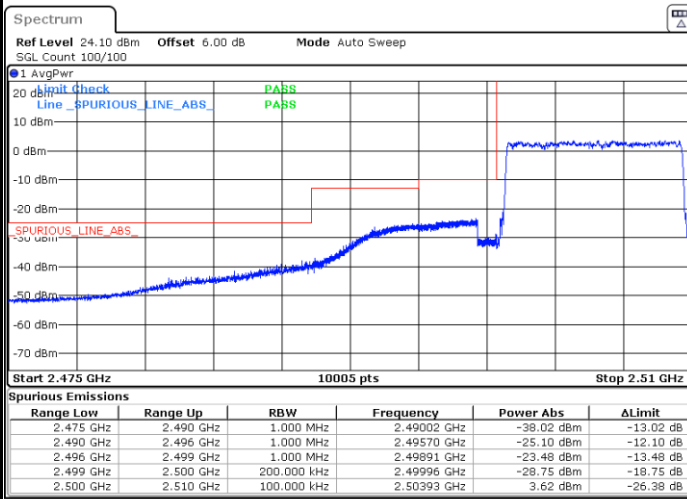
Date: 12.JUL.2021 11:25:35

Highest Band Edge / 1 RB



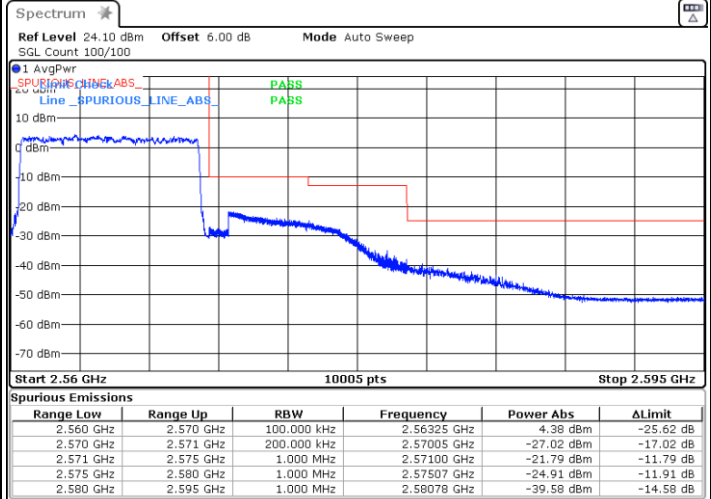
Date: 12.JUL.2021 11:36:38

Lowest Band Edge / Full RB



Date: 12.JUL.2021 11:26:13

Highest Band Edge / Full RB

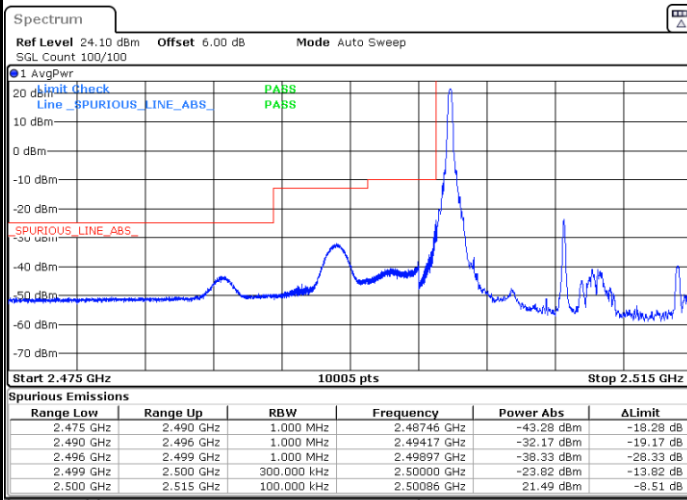


Date: 12.JUL.2021 11:37:36



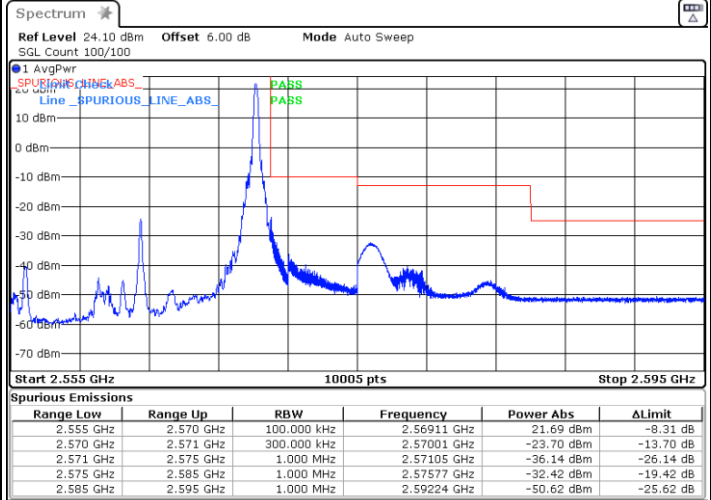
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



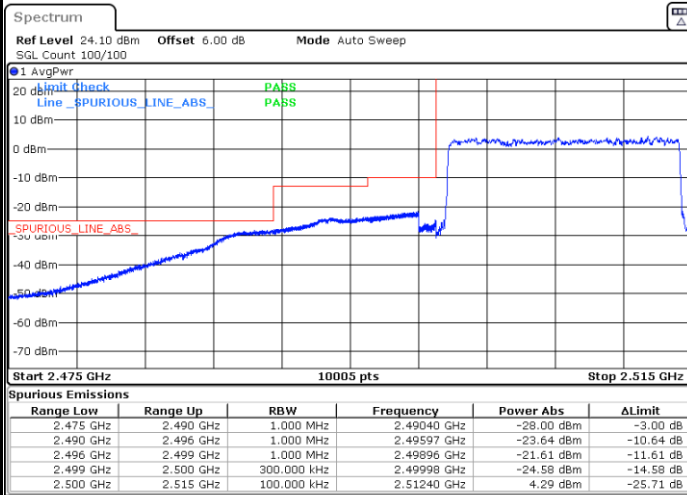
Date: 12.JUL.2021 11:44:47

Highest Band Edge / 1 RB



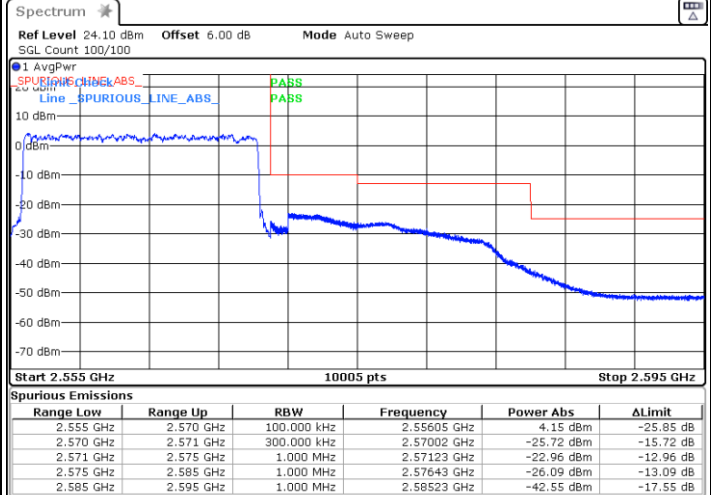
Date: 12.JUL.2021 12:27:09

Lowest Band Edge / Full RB



Date: 12.JUL.2021 11:49:24

Highest Band Edge / Full RB

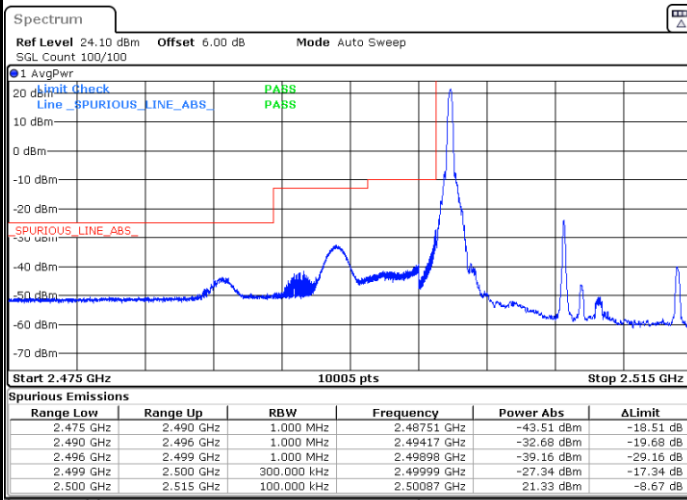


Date: 12.JUL.2021 12:30:13



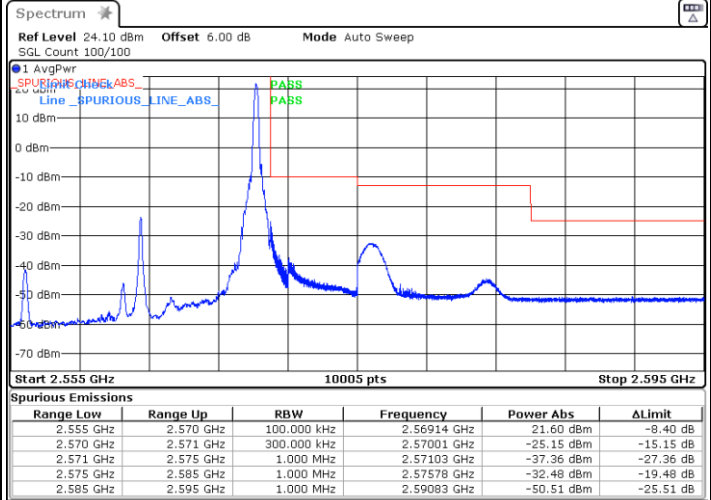
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



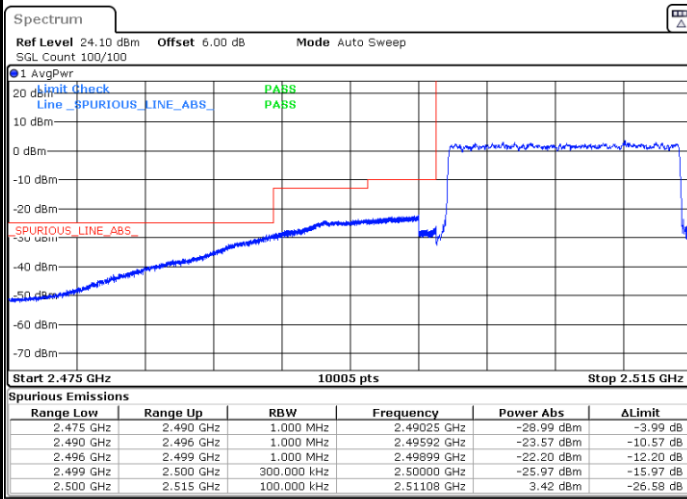
Date: 12.JUL.2021 11:46:14

Highest Band Edge / 1 RB



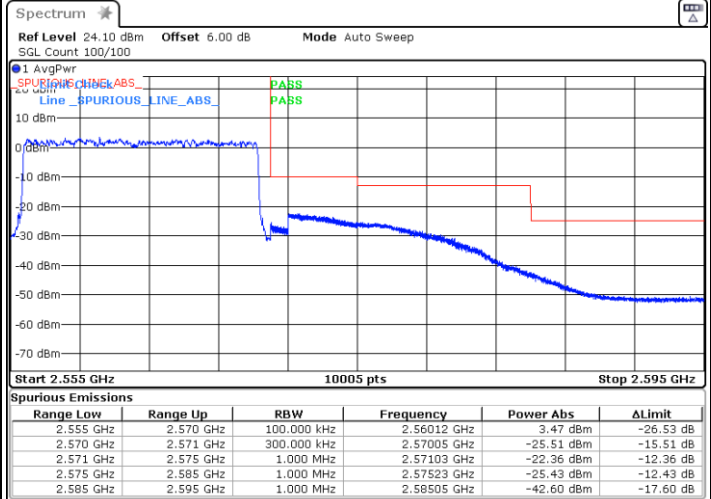
Date: 12.JUL.2021 12:27:57

Lowest Band Edge / Full RB



Date: 12.JUL.2021 11:49:50

Highest Band Edge / Full RB

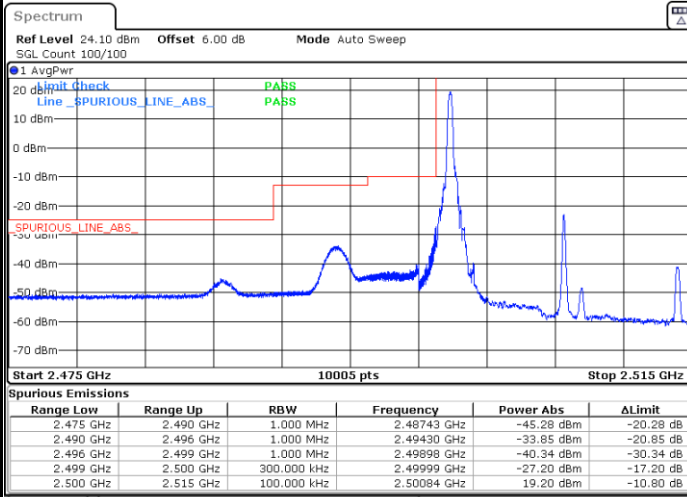


Date: 12.JUL.2021 12:29:41



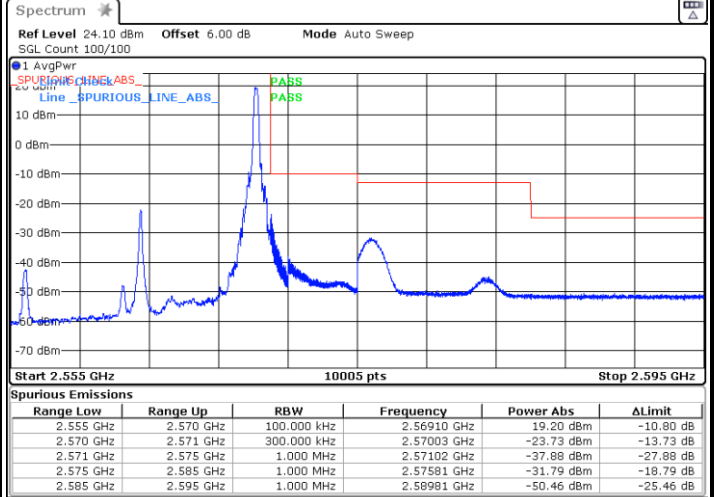
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



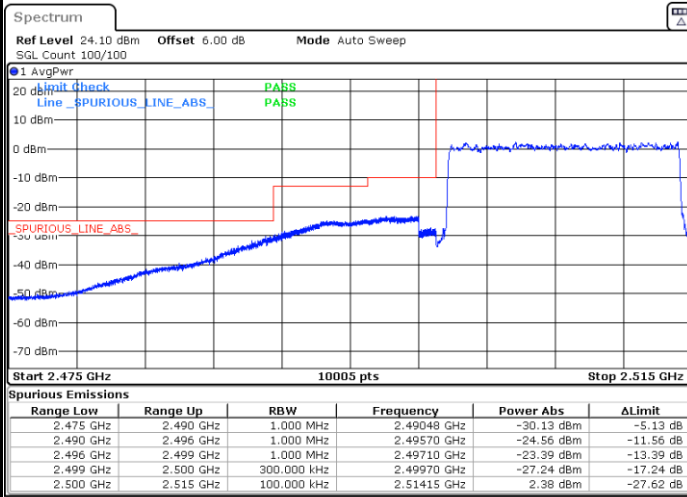
Date: 12.JUL.2021 11:47:08

Highest Band Edge / 1 RB



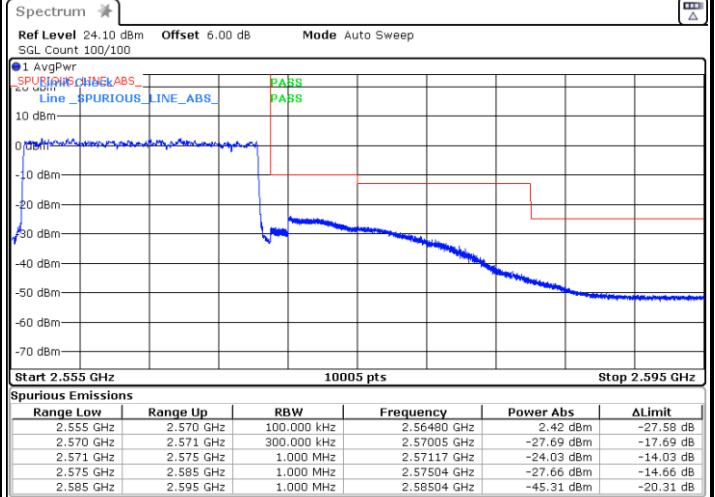
Date: 12.JUL.2021 12:28:24

Lowest Band Edge / Full RB



Date: 12.JUL.2021 11:57:41

Highest Band Edge / Full RB



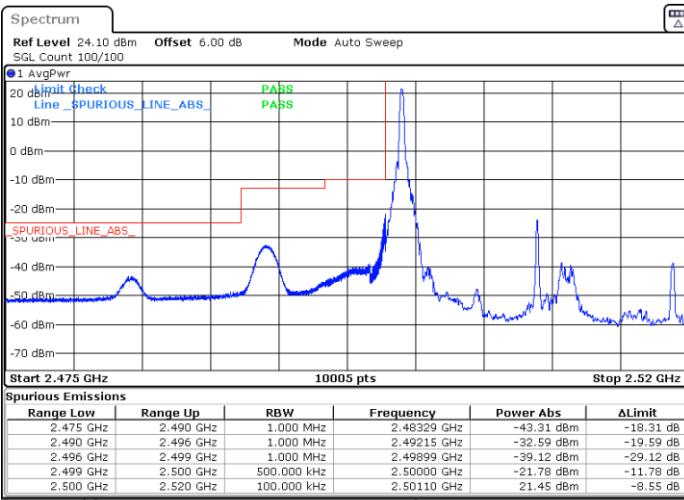
Date: 12.JUL.2021 12:29:09



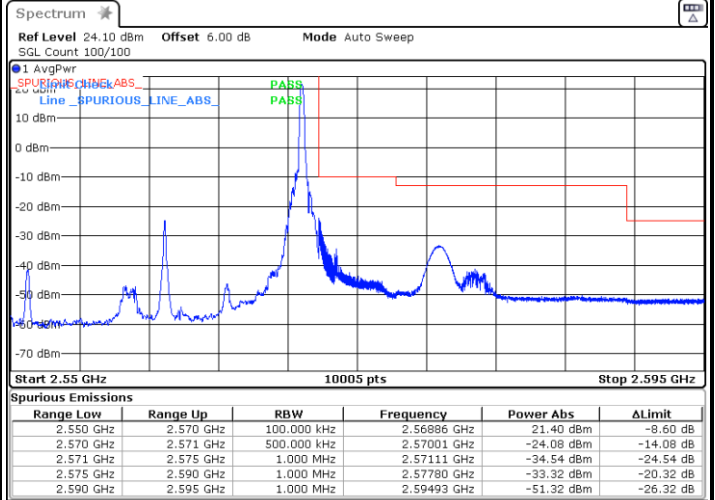
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



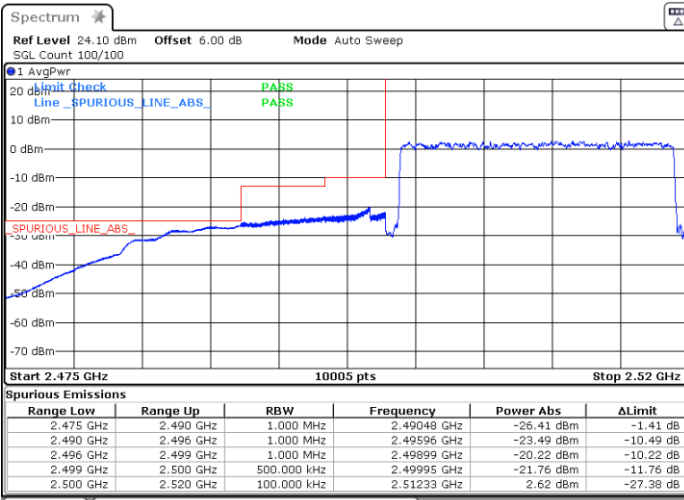
Date: 12.JUL.2021 12:31:39



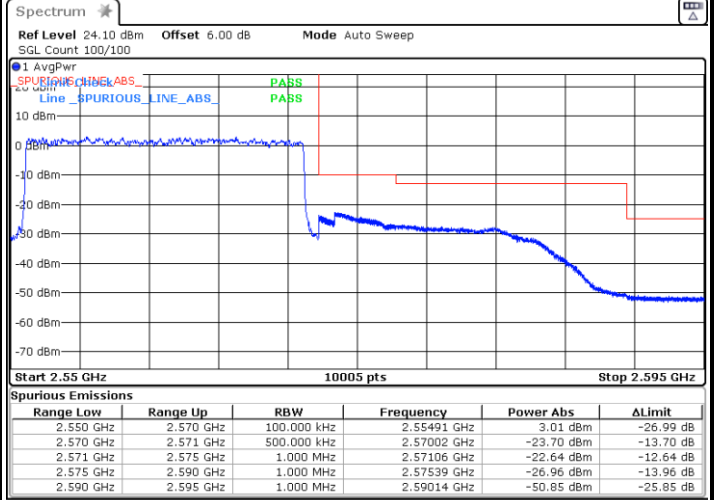
Date: 12.JUL.2021 12:43:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.JUL.2021 12:42:20

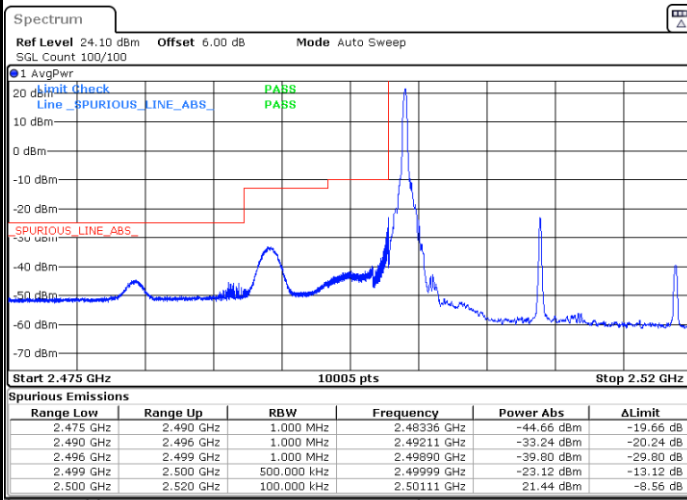


Date: 12.JUL.2021 12:48:34

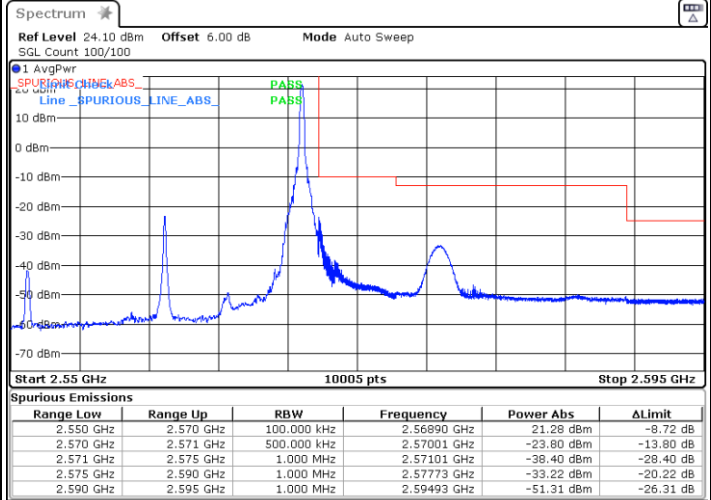


LTE Band 7 / 20MHz / 16QAM

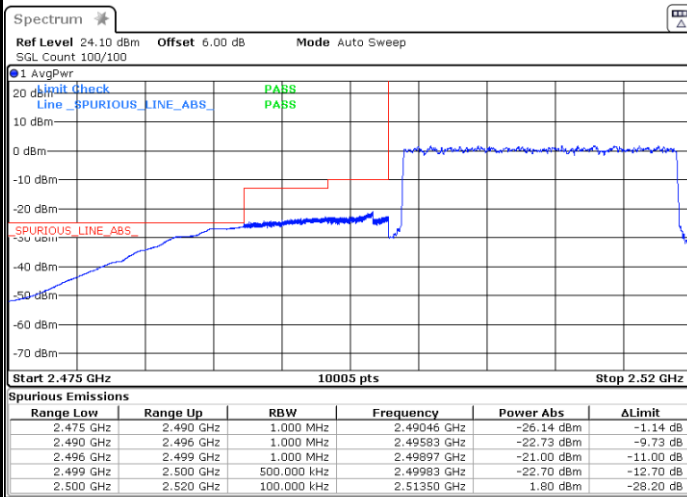
Lowest Band Edge / 1 RB



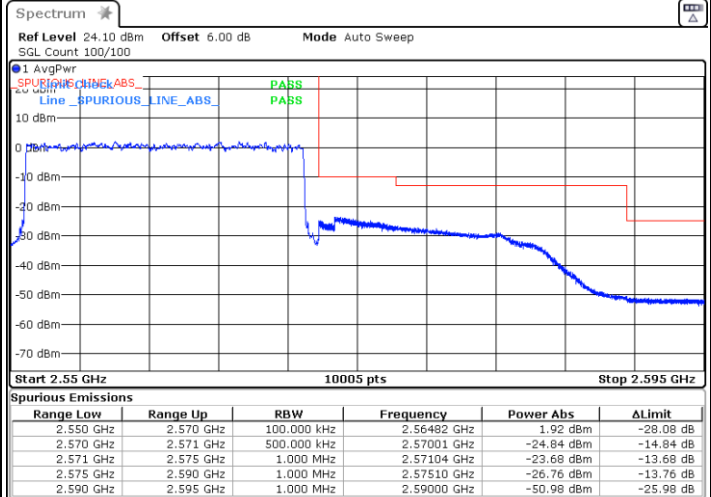
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



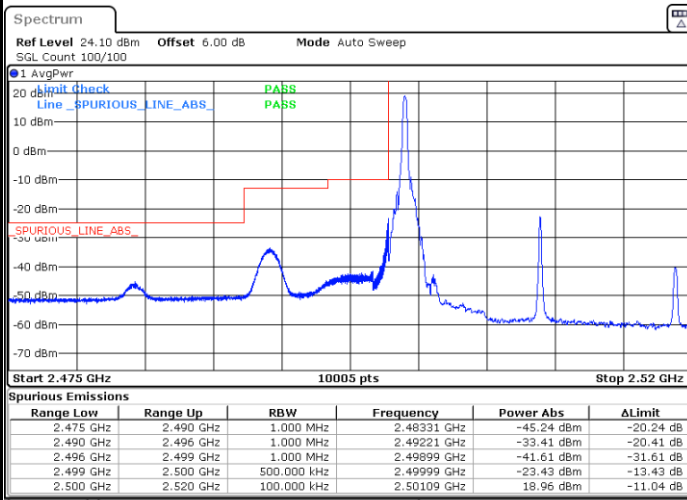
Highest Band Edge / Full RB





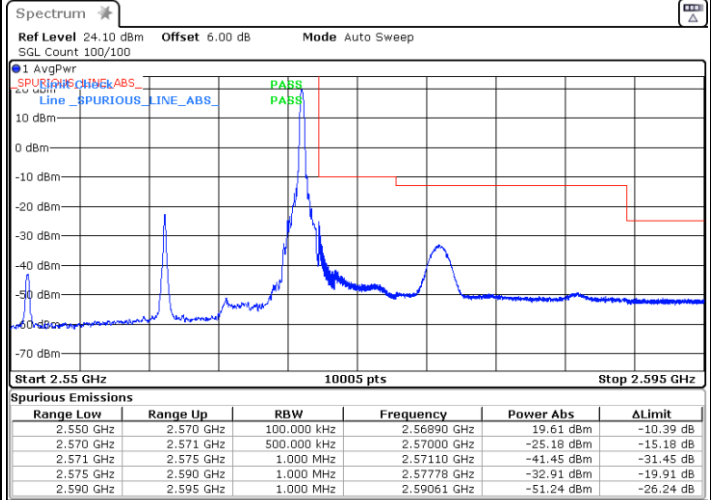
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



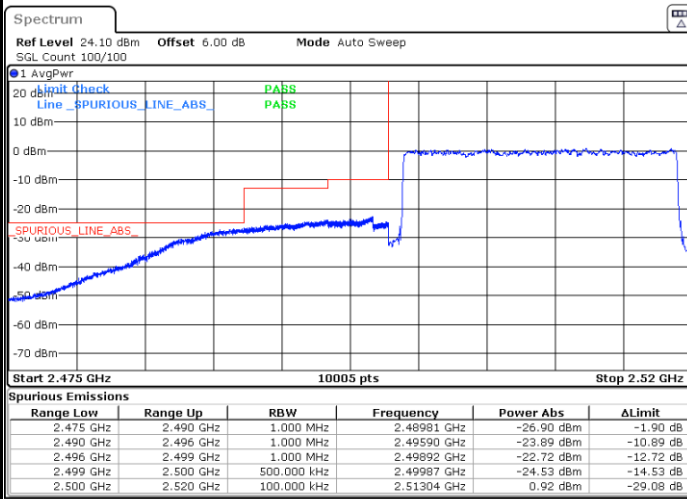
Date: 12.JUL.2021 12:33:01

Highest Band Edge / 1 RB



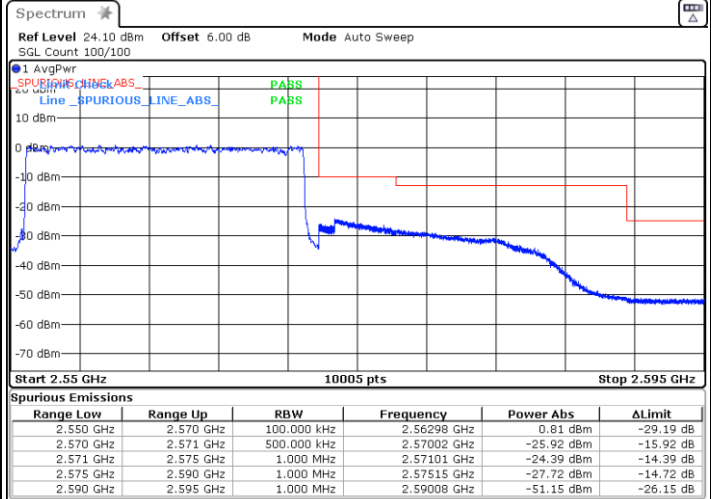
Date: 12.JUL.2021 12:45:19

Lowest Band Edge / Full RB



Date: 12.JUL.2021 12:36:31

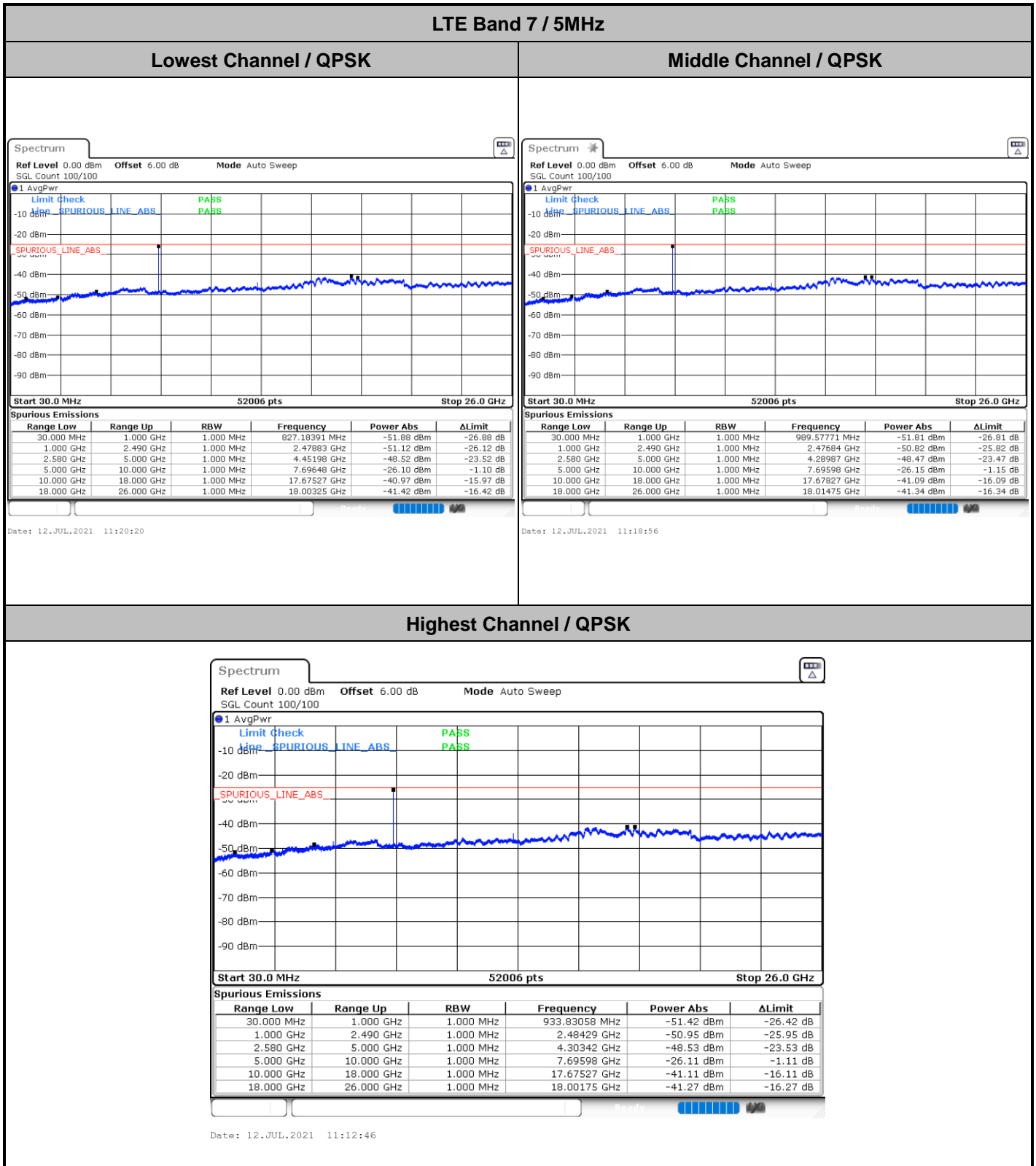
Highest Band Edge / Full RB



Date: 12.JUL.2021 12:47:31



Conducted Spurious Emission

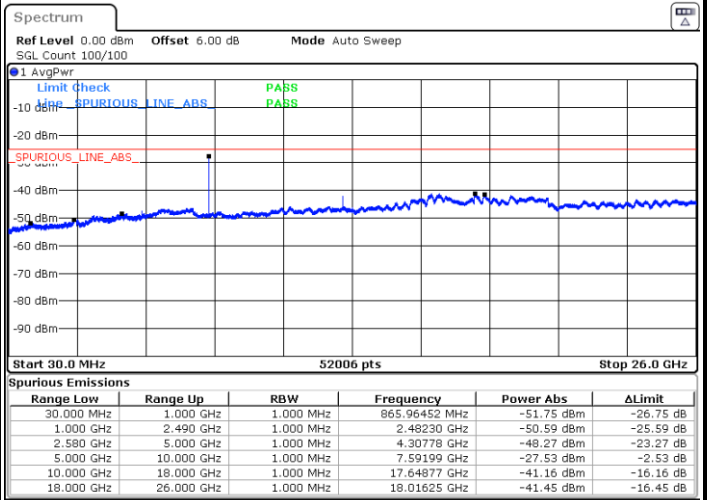
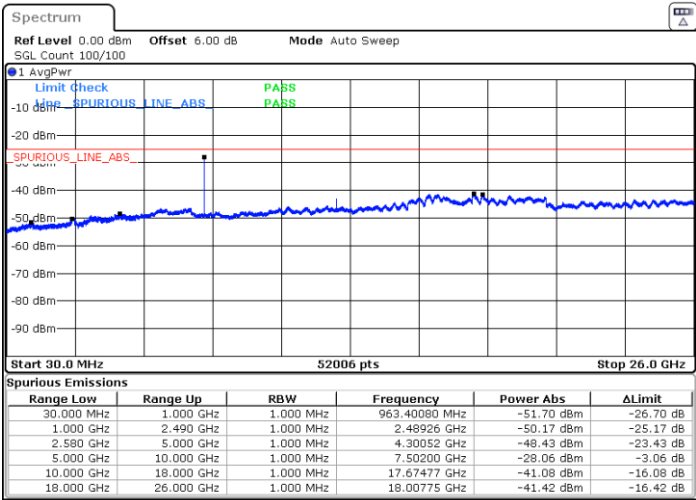




LTE Band 7 / 10MHz

Lowest Channel / QPSK

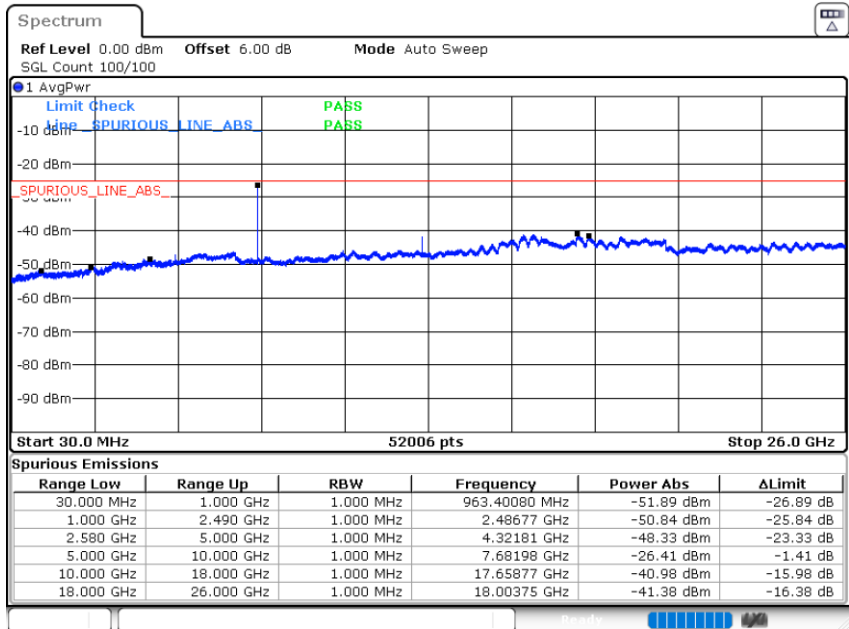
Middle Channel / QPSK



Date: 12.JUL.2021 11:29:43

Date: 12.JUL.2021 11:31:19

Highest Channel / QPSK

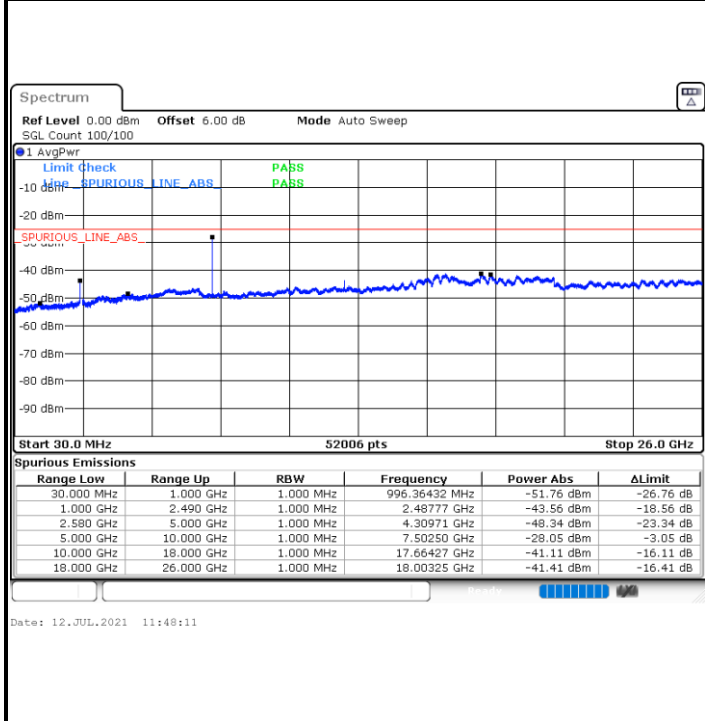


Date: 12.JUL.2021 11:32:49

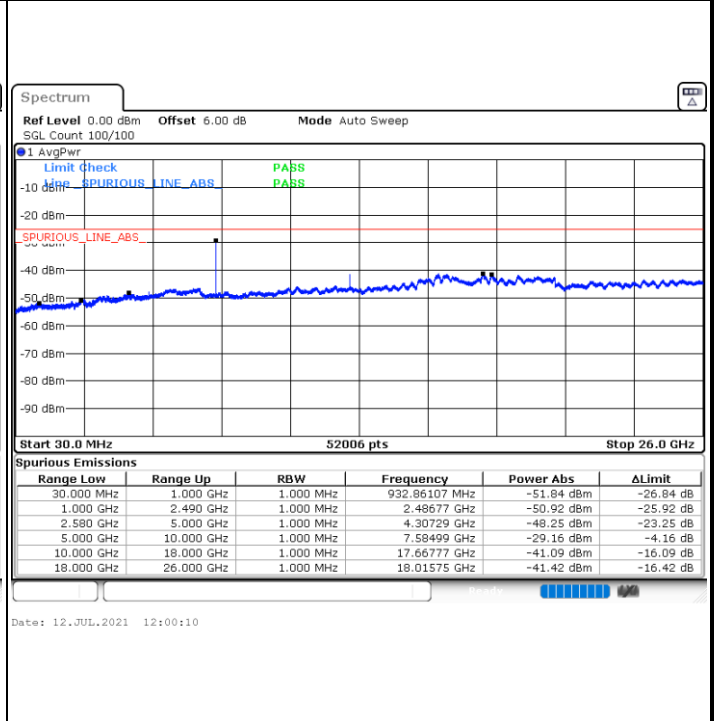


LTE Band 7 / 15MHz

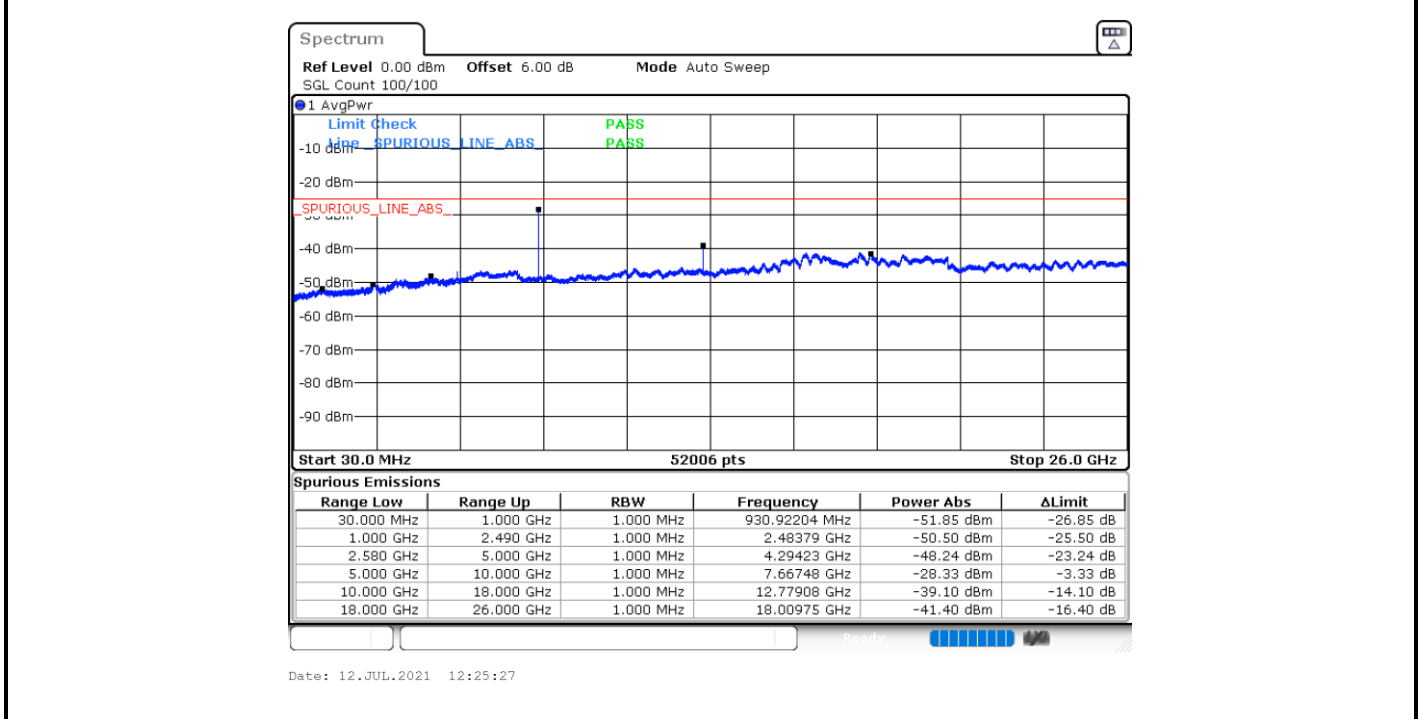
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

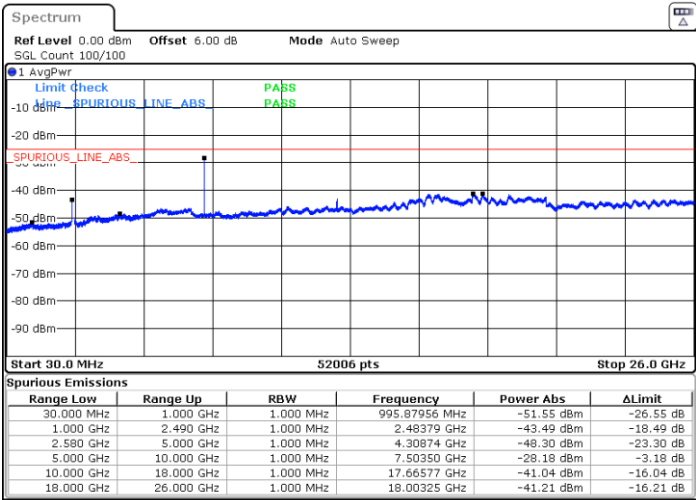




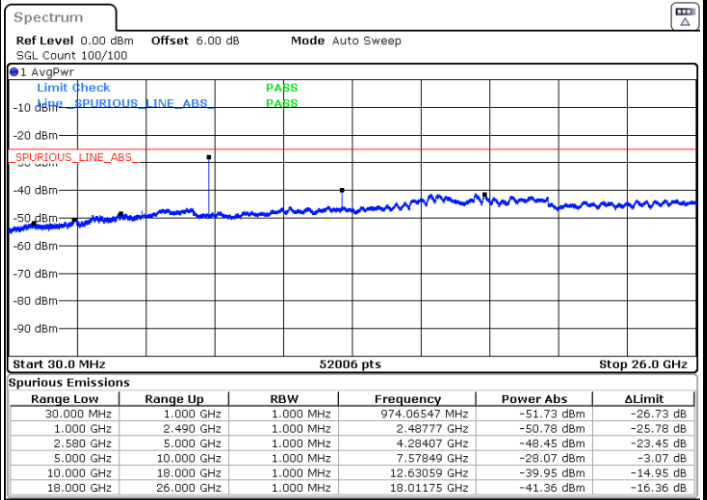
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

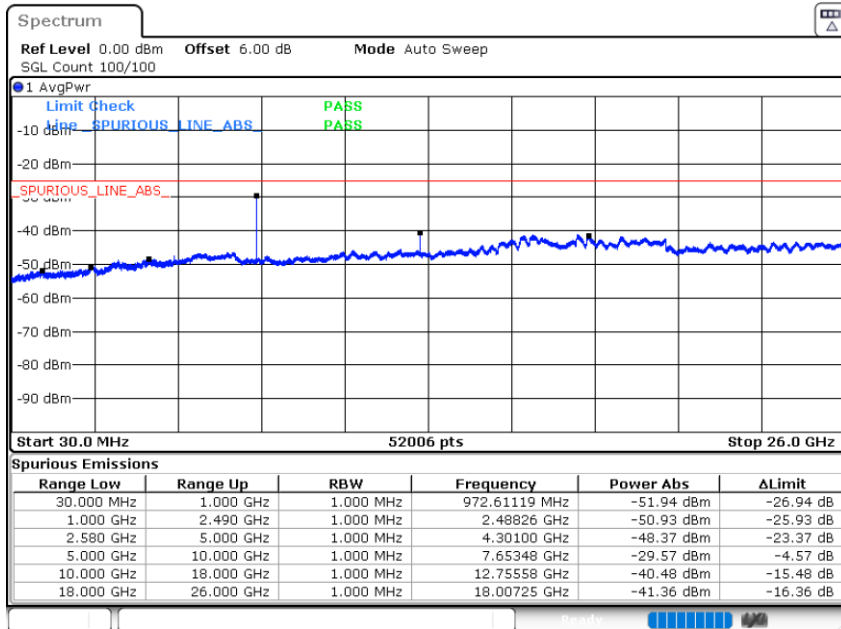


Date: 12.JUL.2021 12:37:38



Date: 12.JUL.2021 12:39:15

Highest Channel / QPSK



Date: 12.JUL.2021 12:40:37



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	0.0025	PASS
40	Normal Voltage	0.0046	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0032	
0	Normal Voltage	0.0032	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0026	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0029	

Note:

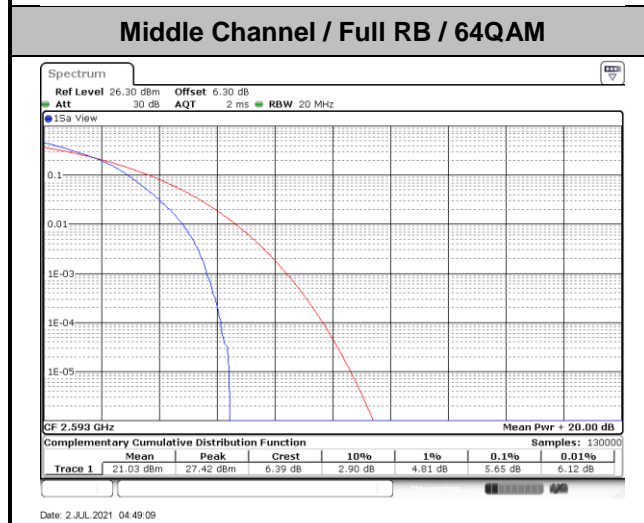
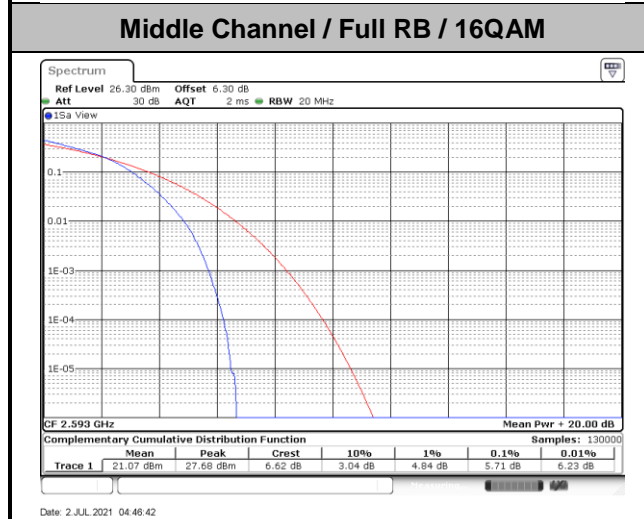
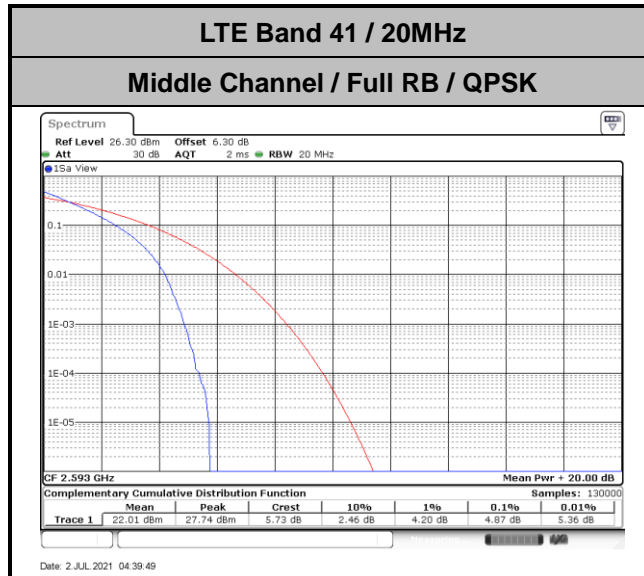
1. Normal Voltage =3.87 V ; Battery End Point (BEP) =3.6V ; Maximum Voltage =4.4V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41

Peak-to-Average Ratio

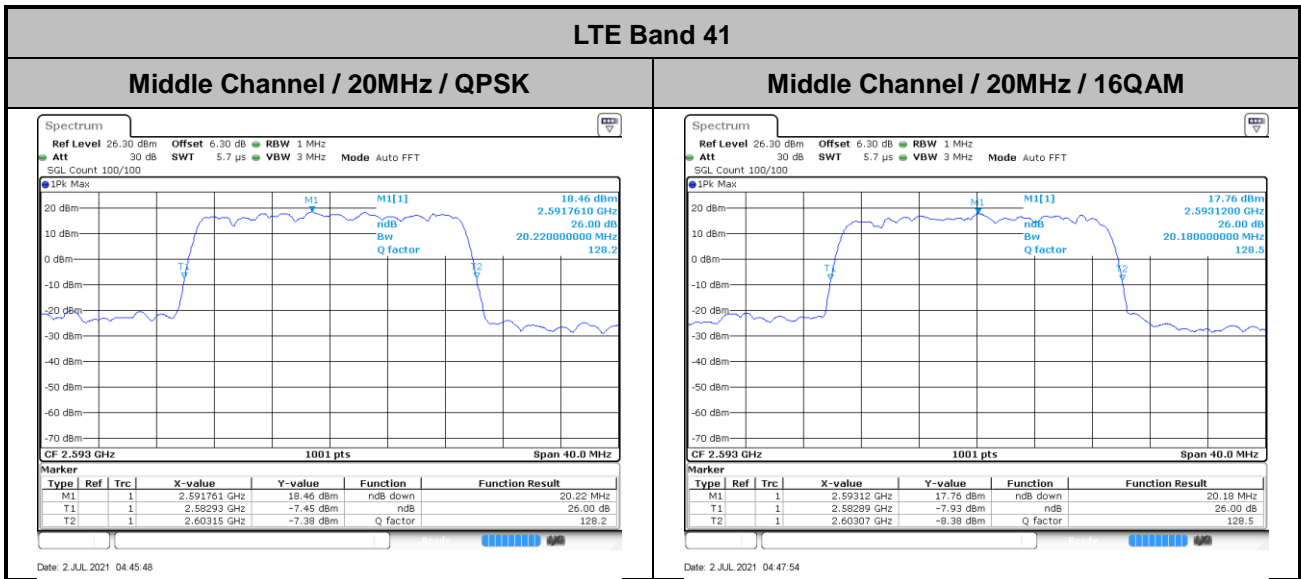
Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.87	5.71	5.65	PASS





26dB Bandwidth

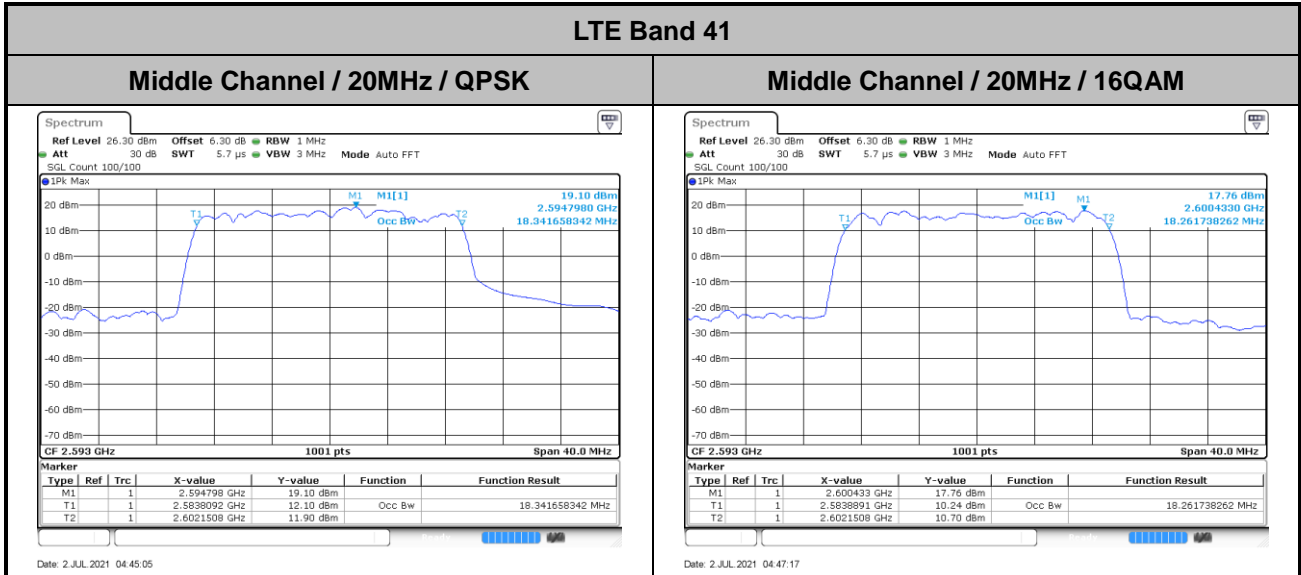
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.22	20.18





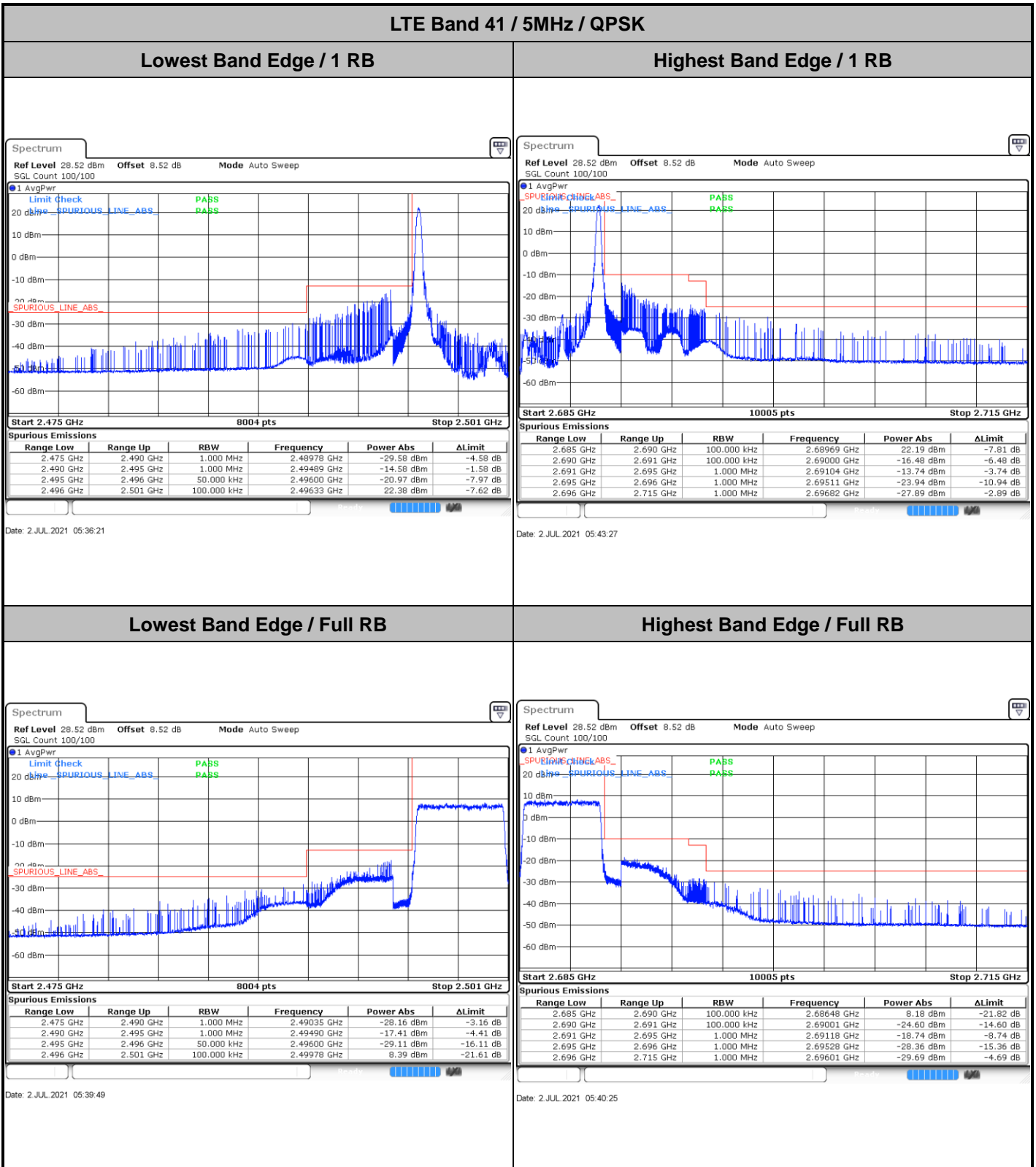
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.34	18.26





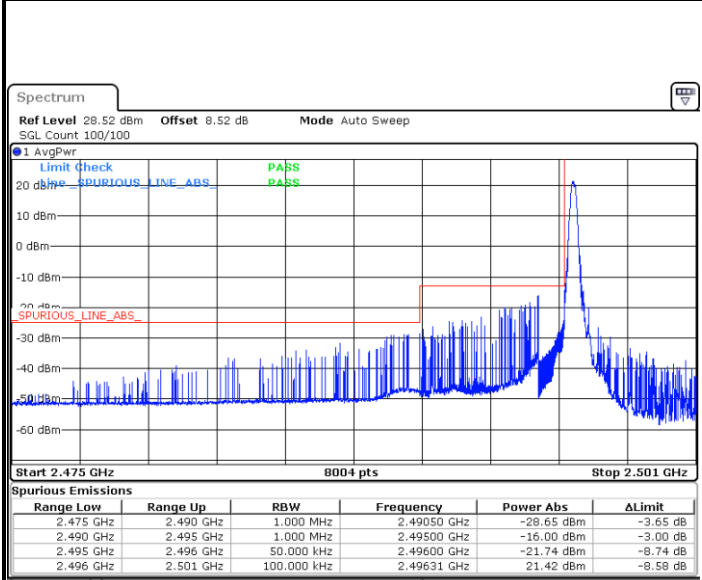
Conducted Band Edge





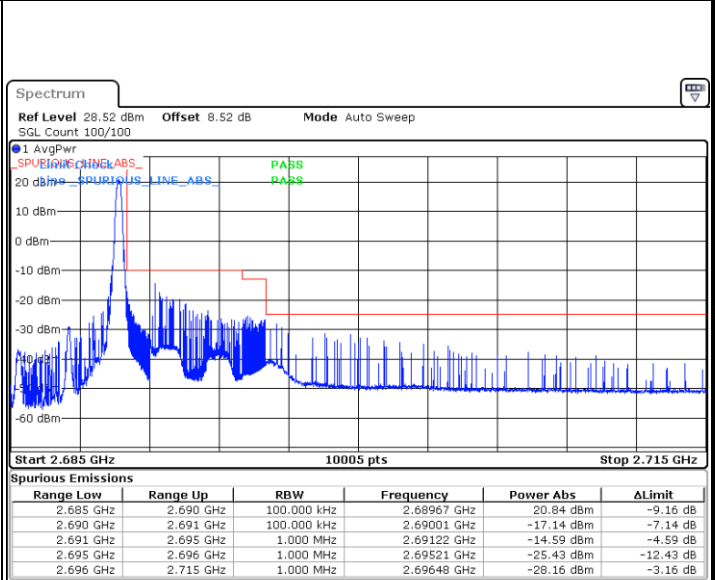
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



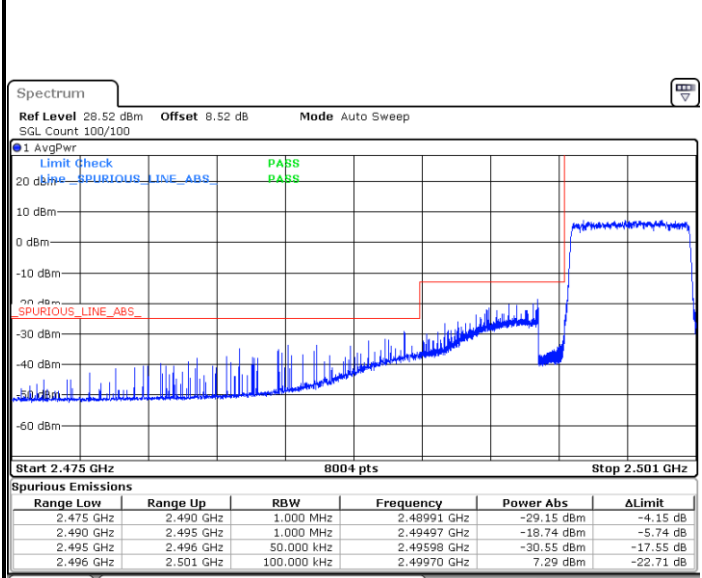
Date: 2 JUL 2021 05:37:00

Highest Band Edge / 1 RB



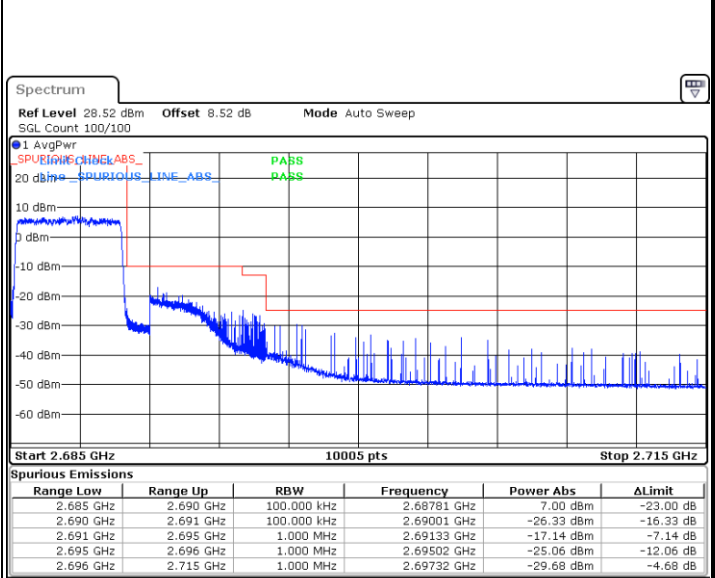
Date: 2 JUL 2021 05:42:53

Lowest Band Edge / Full RB



Date: 2 JUL 2021 05:39:08

Highest Band Edge / Full RB

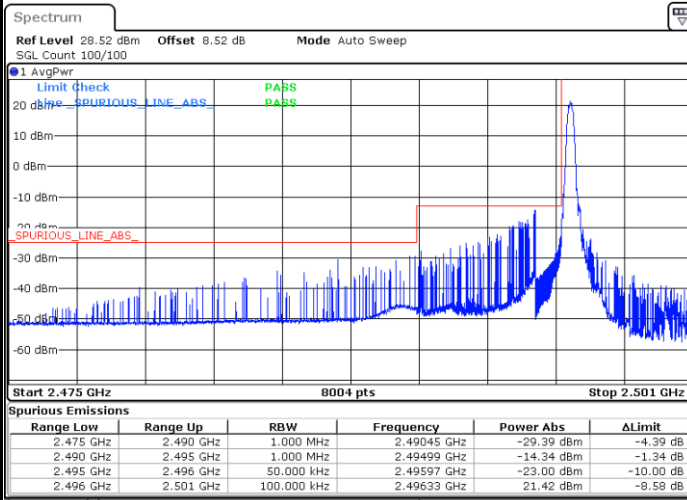


Date: 2 JUL 2021 05:41:04



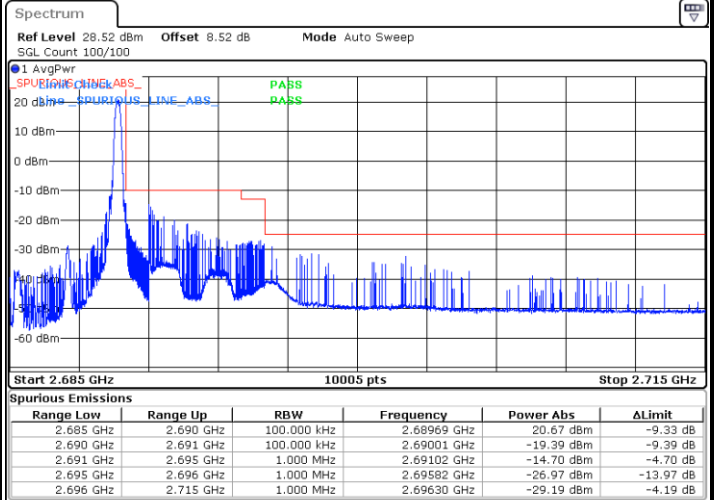
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



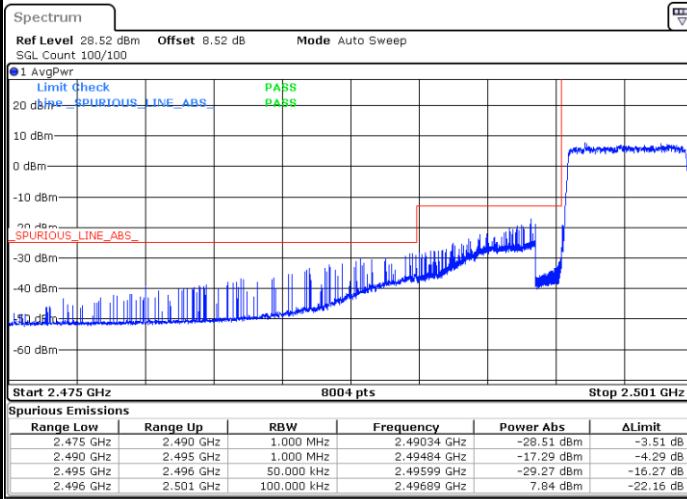
Date: 2 JUL 2021 05:37:46

Highest Band Edge / 1 RB



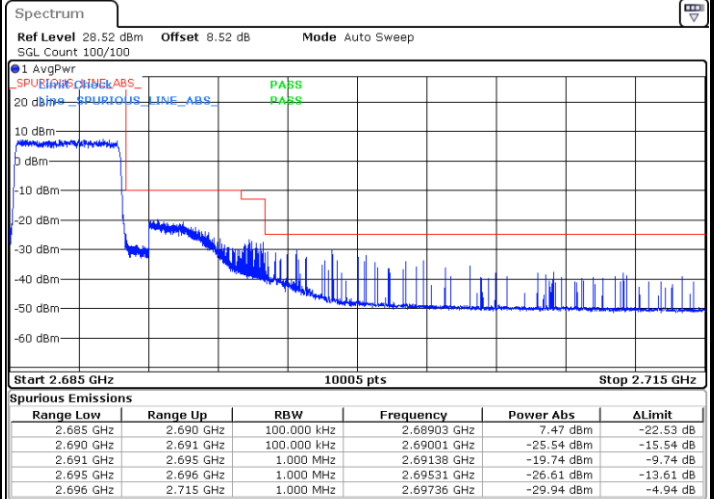
Date: 2 JUL 2021 05:42:14

Lowest Band Edge / Full RB



Date: 2 JUL 2021 05:38:27

Highest Band Edge / Full RB

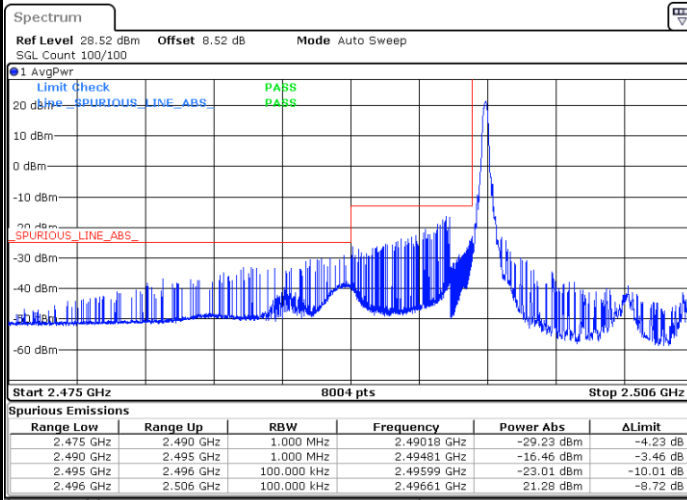


Date: 2 JUL 2021 05:41:41



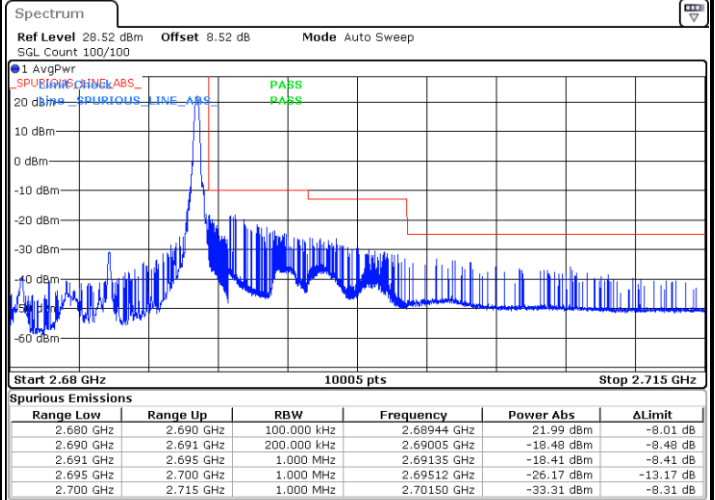
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



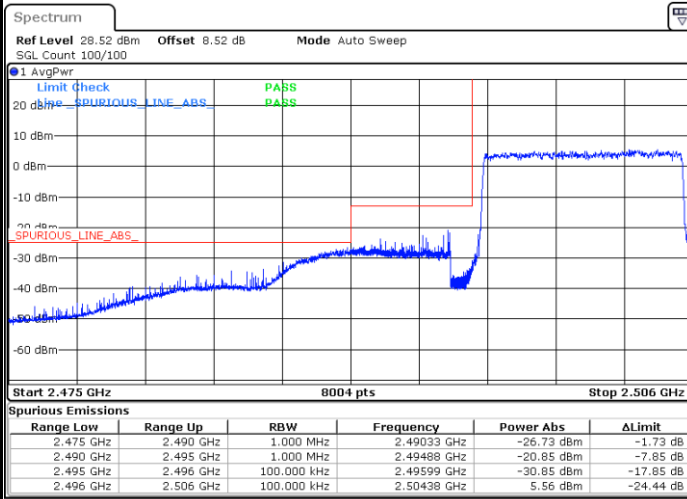
Date: 2 JUL 2021 05:23:10

Highest Band Edge / 1 RB



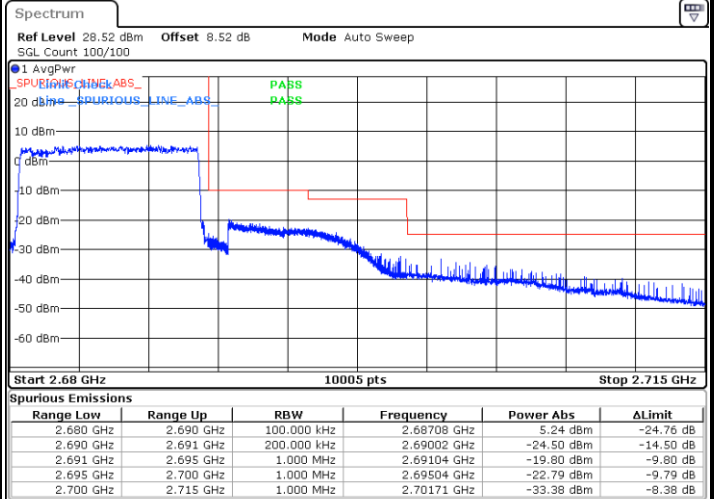
Date: 2 JUL 2021 05:30:32

Lowest Band Edge / Full RB



Date: 2 JUL 2021 05:28:31

Highest Band Edge / Full RB

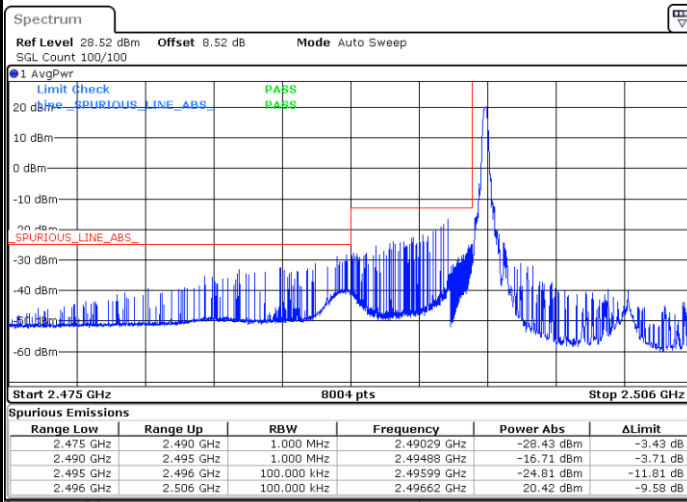


Date: 2 JUL 2021 05:27:12



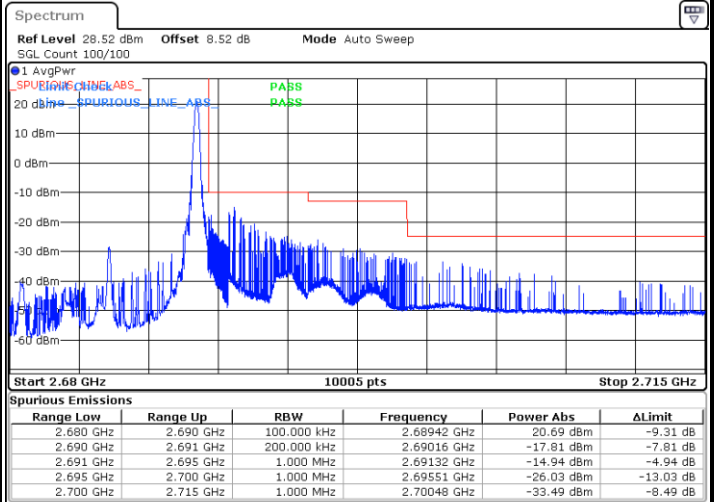
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



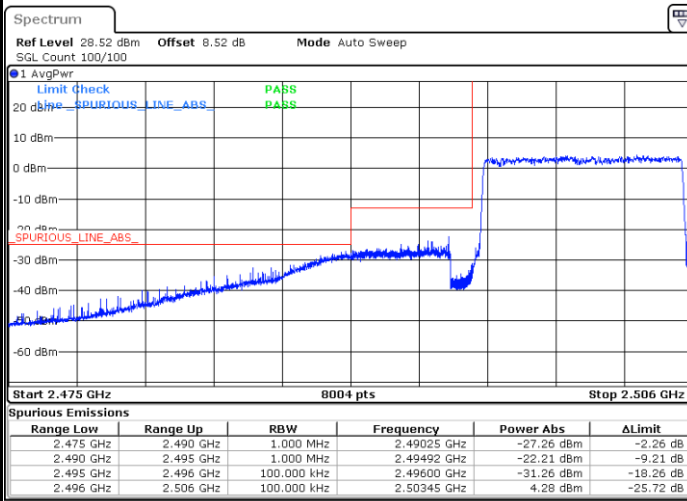
Date: 2 JUL 2021 05:23:44

Highest Band Edge / 1 RB



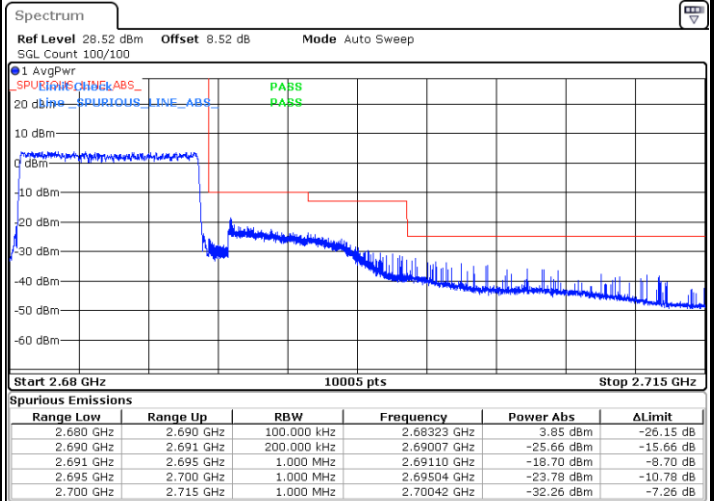
Date: 2 JUL 2021 05:29:51

Lowest Band Edge / Full RB



Date: 2 JUL 2021 05:25:49

Highest Band Edge / Full RB

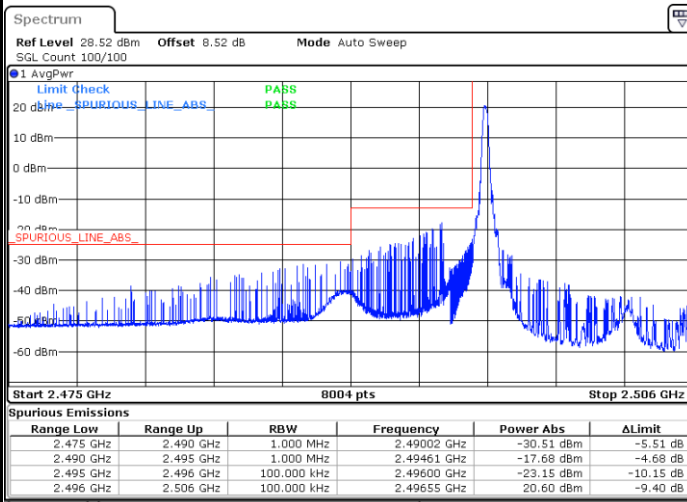


Date: 2 JUL 2021 05:28:02



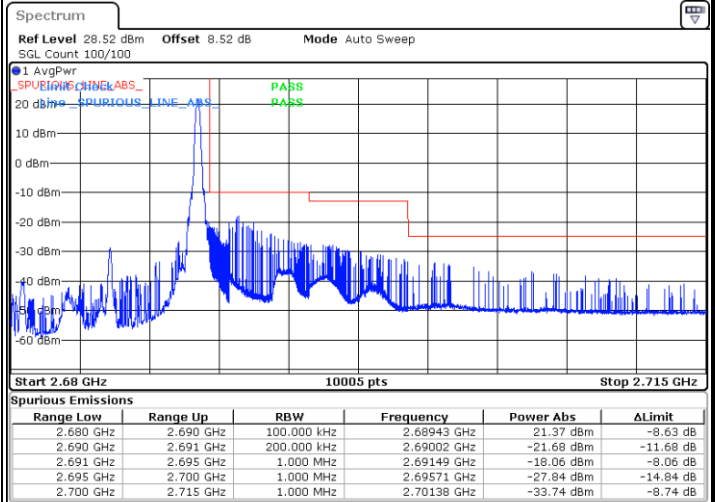
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



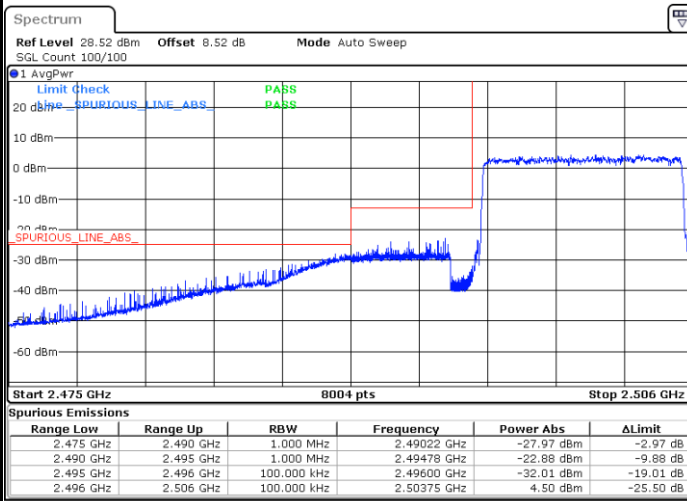
Date: 2 JUL 2021 05:24:17

Highest Band Edge / 1 RB



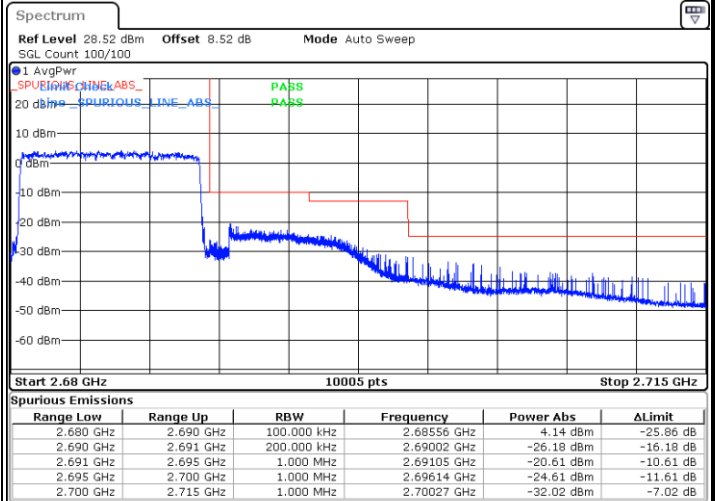
Date: 2 JUL 2021 05:29:15

Lowest Band Edge / Full RB



Date: 2 JUL 2021 05:25:00

Highest Band Edge / Full RB

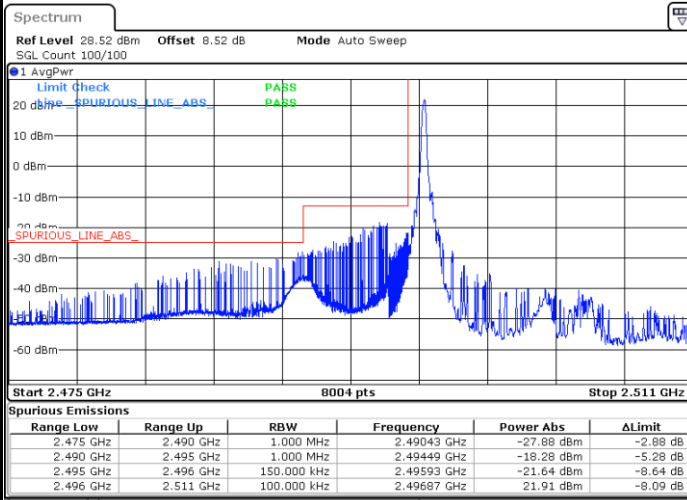


Date: 2 JUL 2021 05:28:41



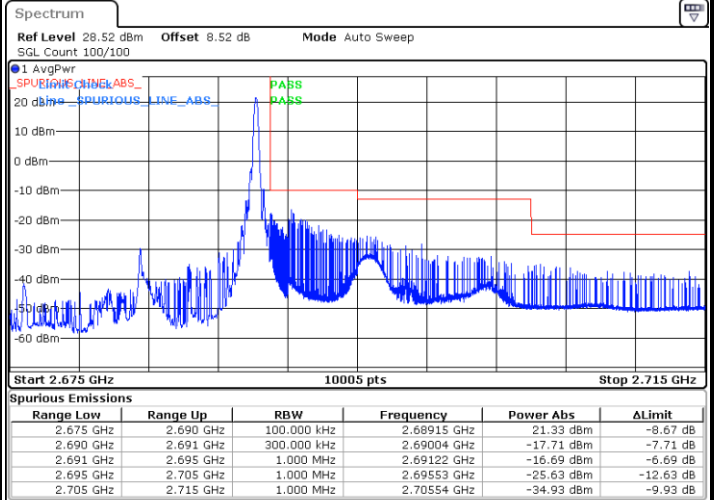
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



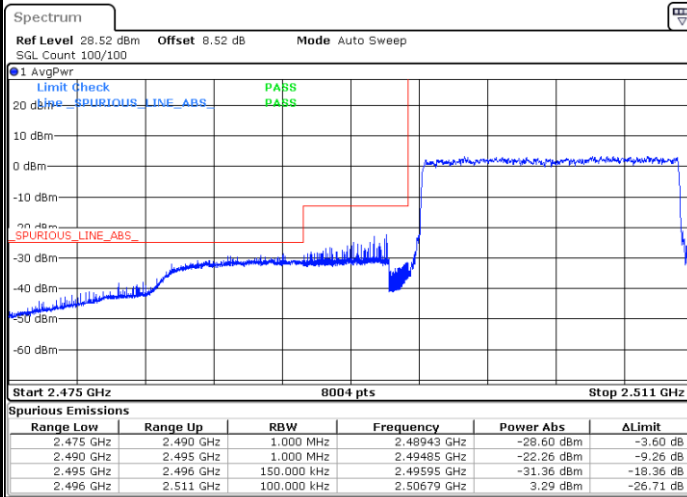
Date: 2 JUL 2021 05:11:10

Highest Band Edge / 1 RB



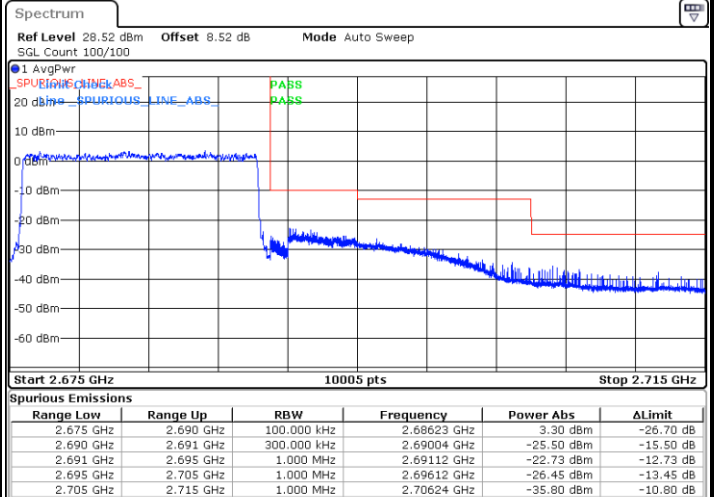
Date: 2 JUL 2021 05:17:43

Lowest Band Edge / Full RB



Date: 2 JUL 2021 05:14:00

Highest Band Edge / Full RB

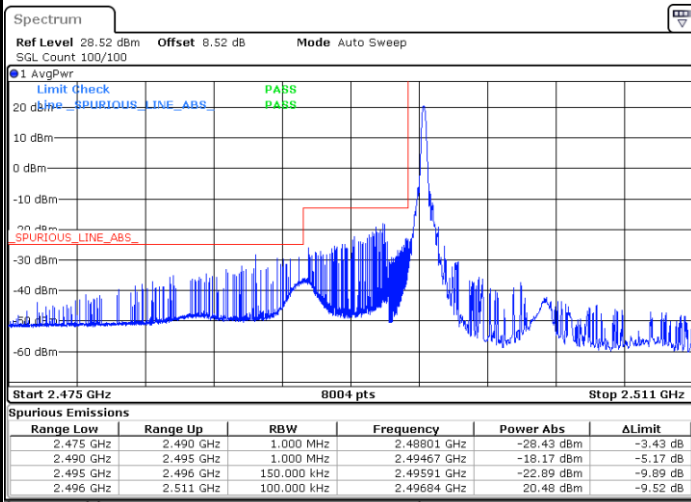


Date: 2 JUL 2021 05:15:07



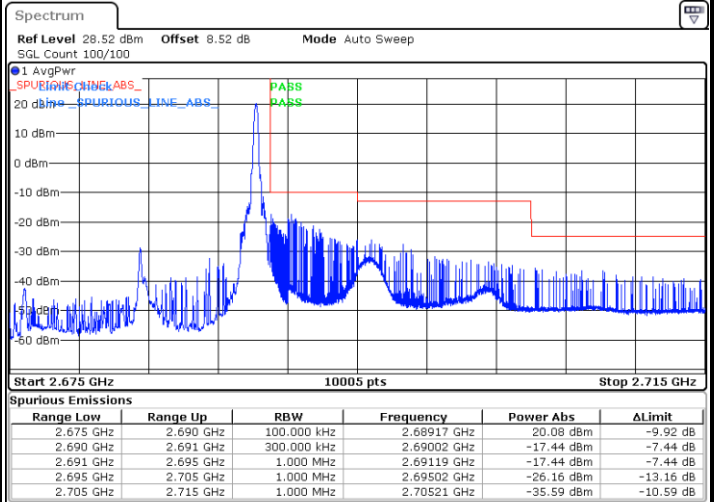
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



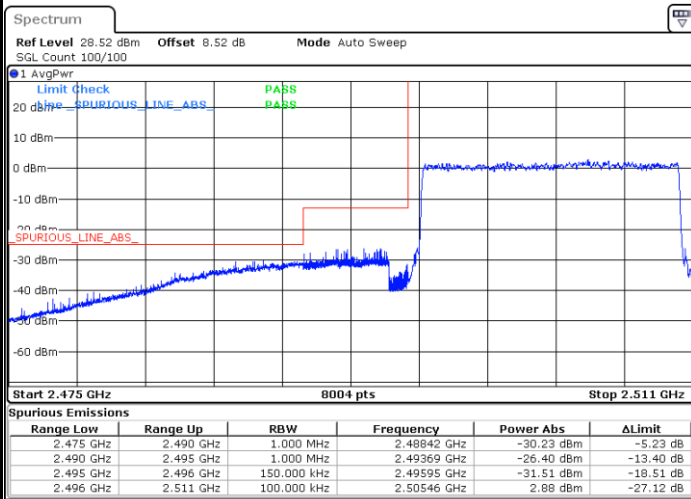
Date: 2 JUL 2021 05:11:44

Highest Band Edge / 1 RB



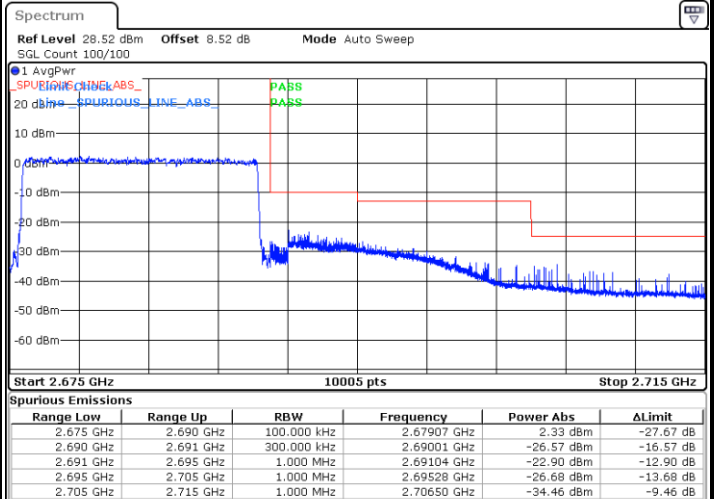
Date: 2 JUL 2021 05:17:13

Lowest Band Edge / Full RB



Date: 2 JUL 2021 05:13:29

Highest Band Edge / Full RB



Date: 2 JUL 2021 05:15:38