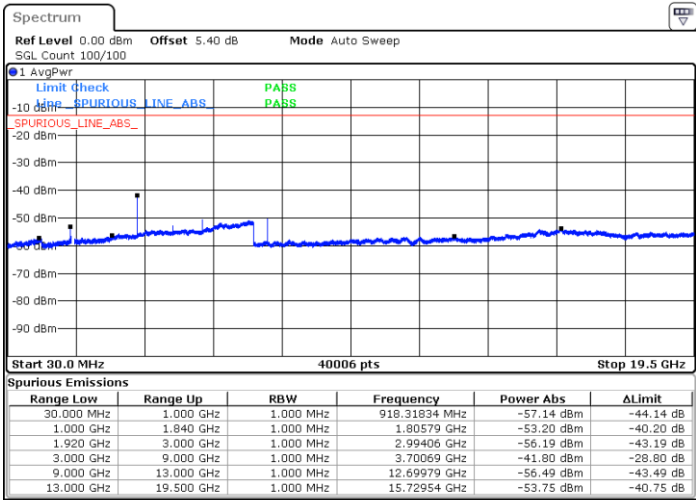




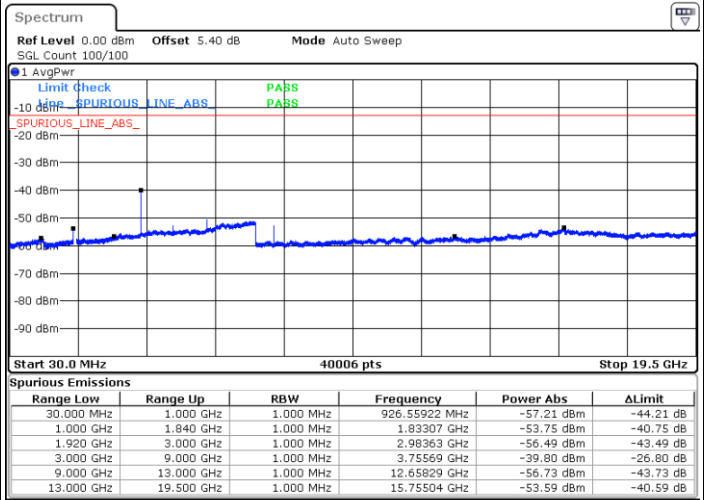
LTE Band 2 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

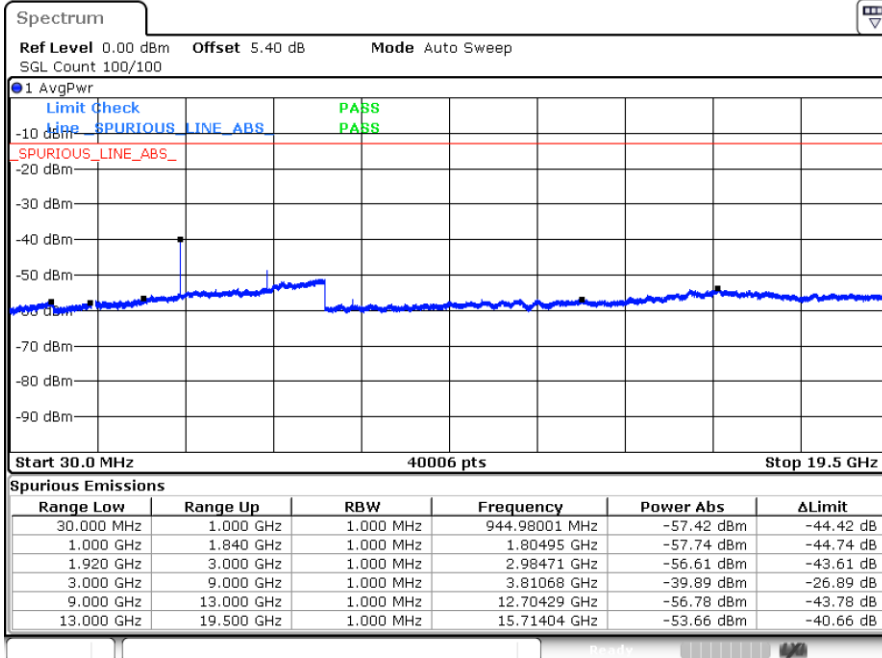


Date: 30.NOV.2021 01:41:08



Date: 30.NOV.2021 01:43:01

Highest Channel / QPSK



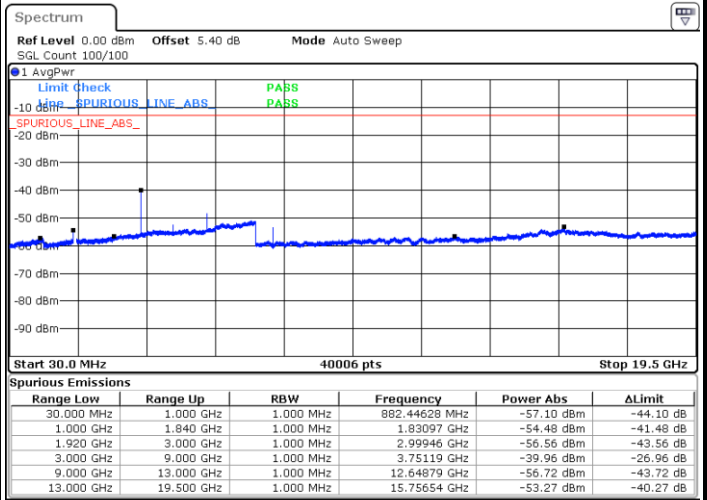
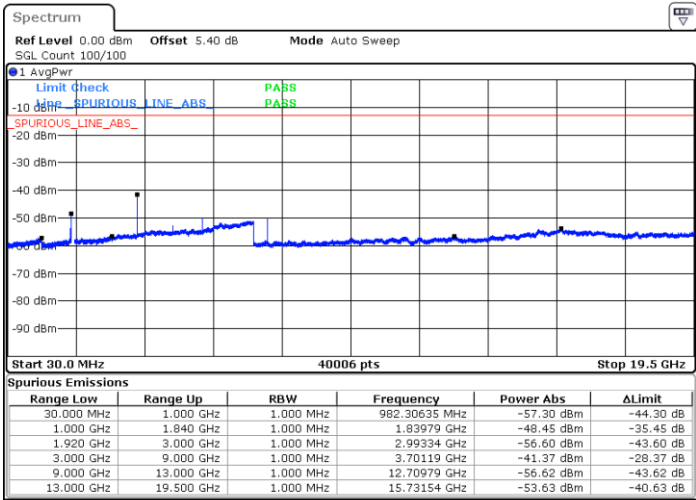
Date: 30.NOV.2021 01:44:55



LTE Band 2 / 10MHz

Lowest Channel / QPSK

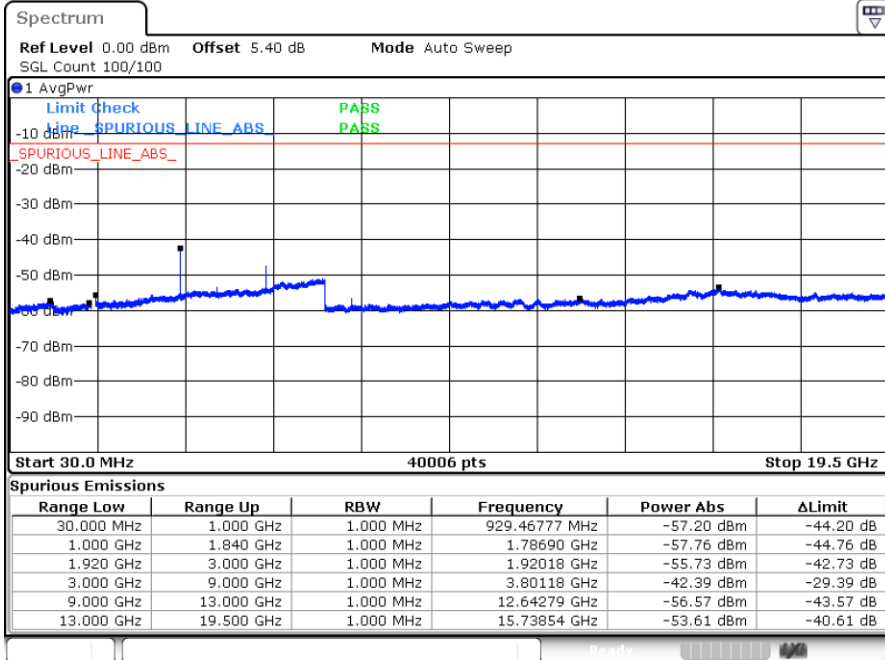
Middle Channel / QPSK



Date: 30.NOV.2021 01:46:50

Date: 30.NOV.2021 01:48:44

Highest Channel / QPSK



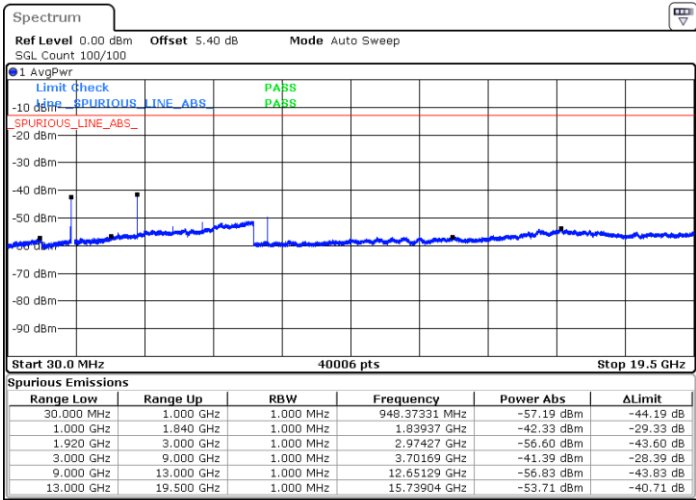
Date: 30.NOV.2021 01:50:38



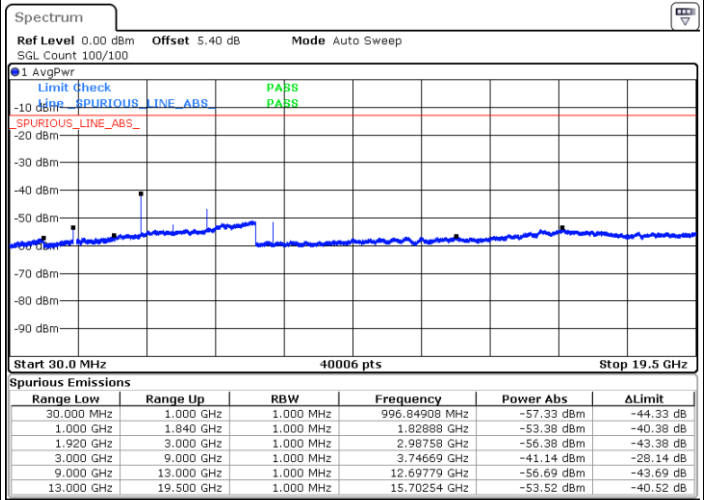
LTE Band 2 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

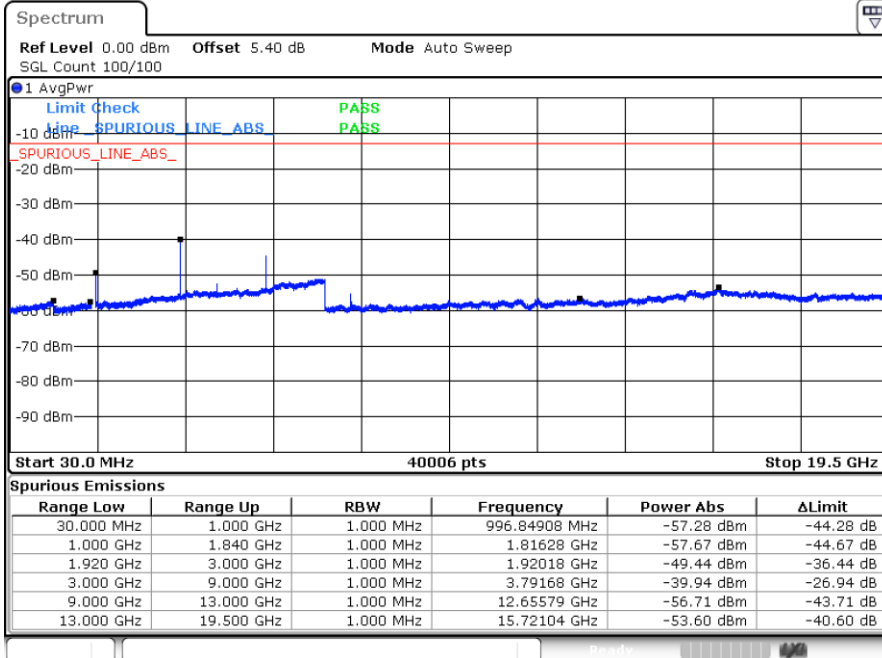


Date: 30.NOV.2021 01:52:32



Date: 30.NOV.2021 01:54:26

Highest Channel / QPSK



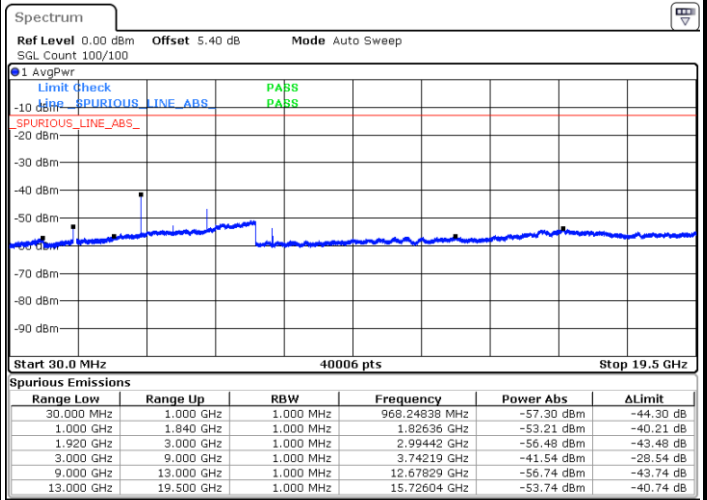
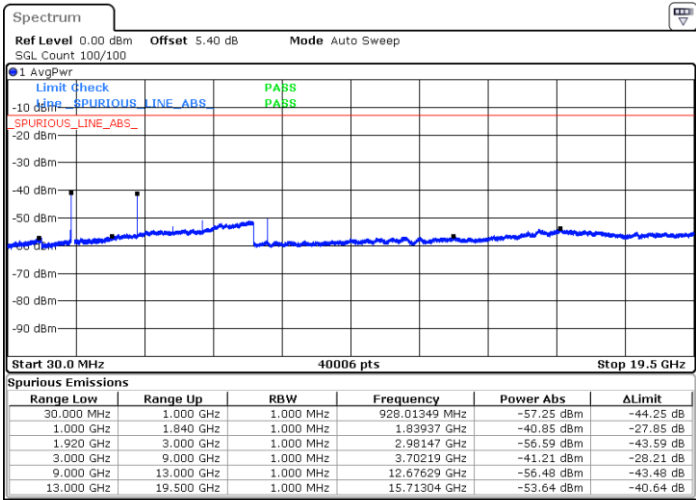
Date: 30.NOV.2021 01:56:19



LTE Band 2 / 20MHz

Lowest Channel / QPSK

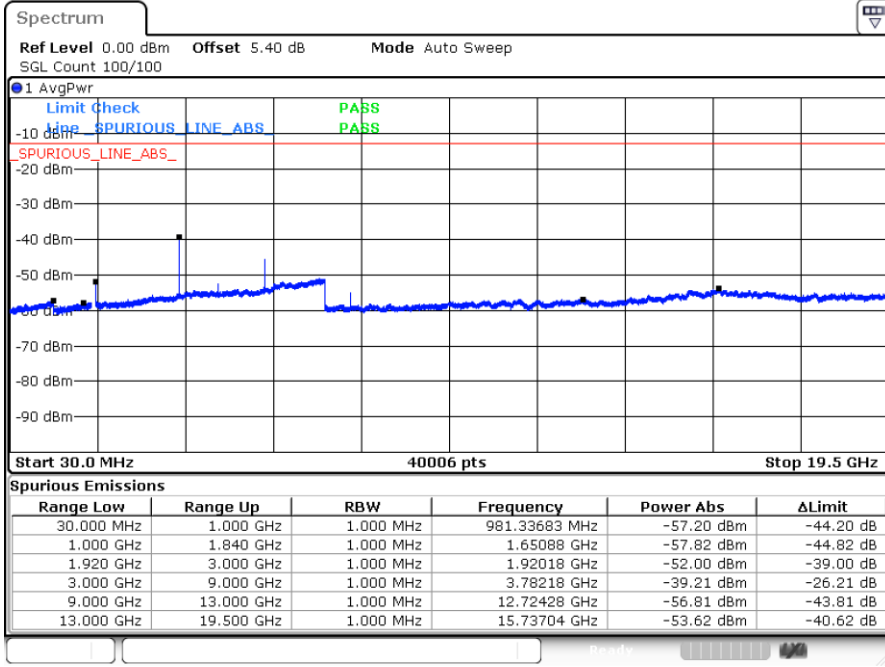
Middle Channel / QPSK



Date: 30.NOV.2021 01:58:13

Date: 30.NOV.2021 02:00:07

Highest Channel / QPSK



Date: 30.NOV.2021 02:02:00



Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

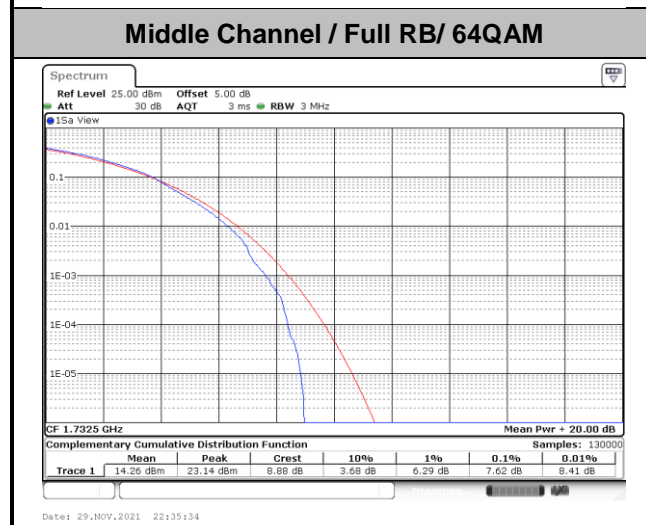
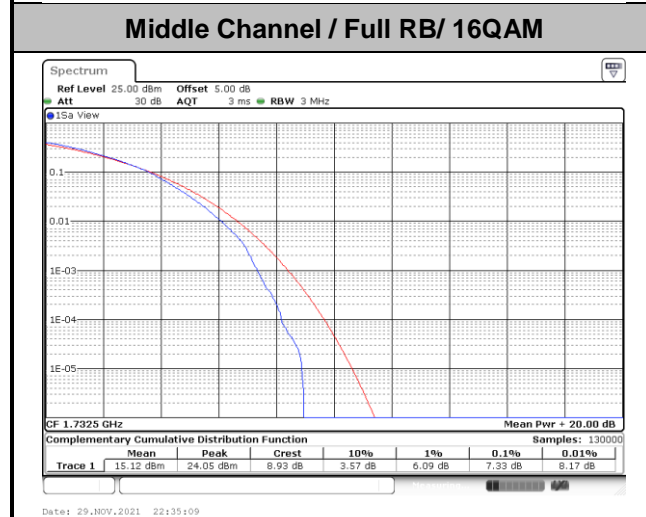
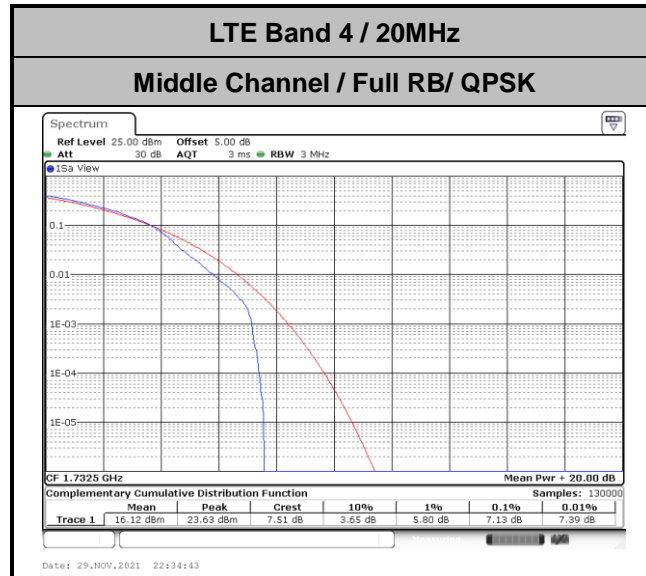
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 4

Peak-to-Average Ratio

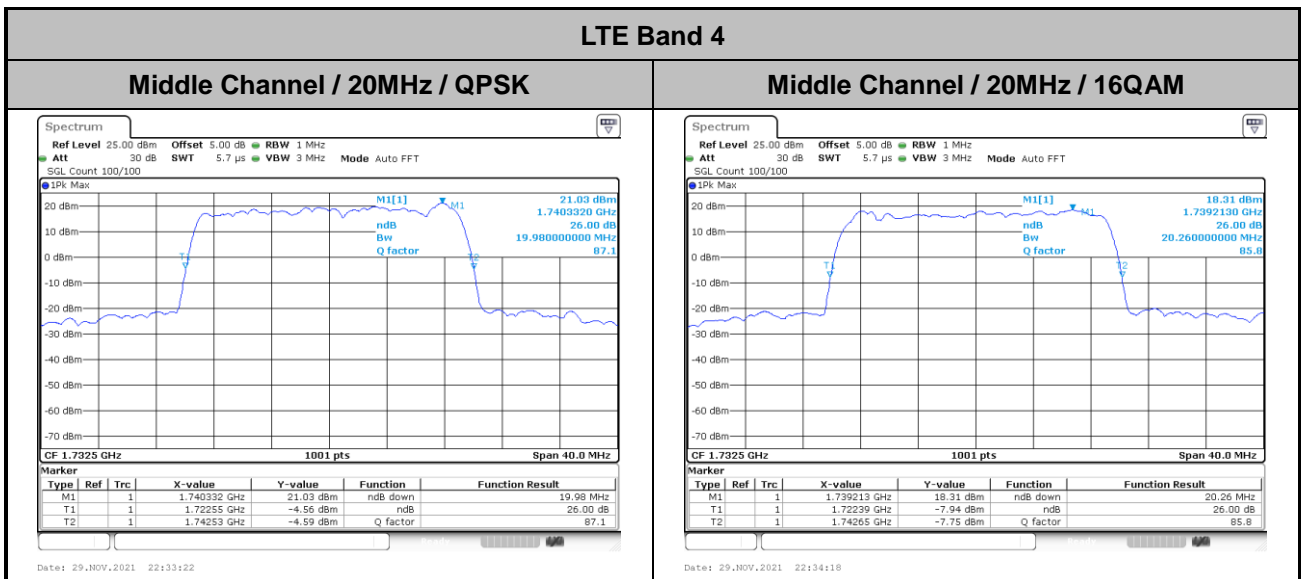
Mode	LTE Band 4 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	7.13	7.33	7.62	PASS





26dB Bandwidth

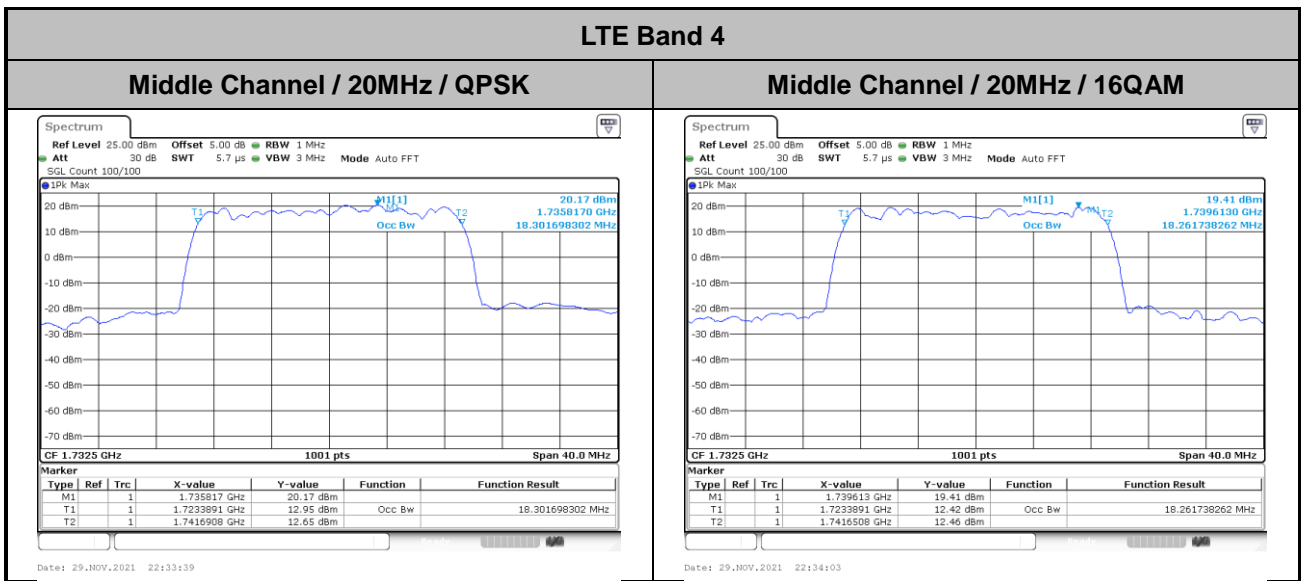
Mode	LTE Band 4 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.98	20.26





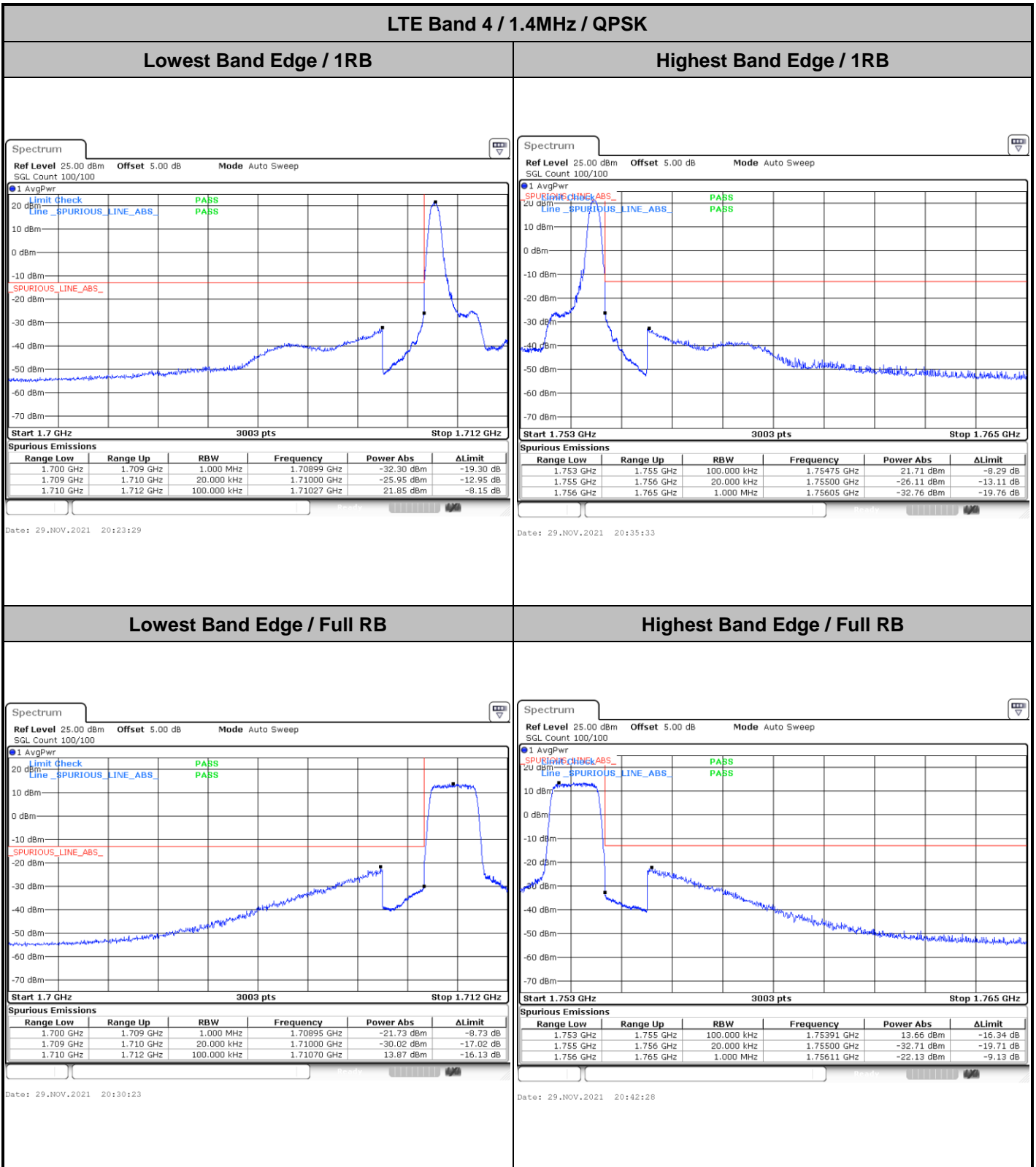
Occupied Bandwidth

Mode	LTE Band 4 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.30	18.26





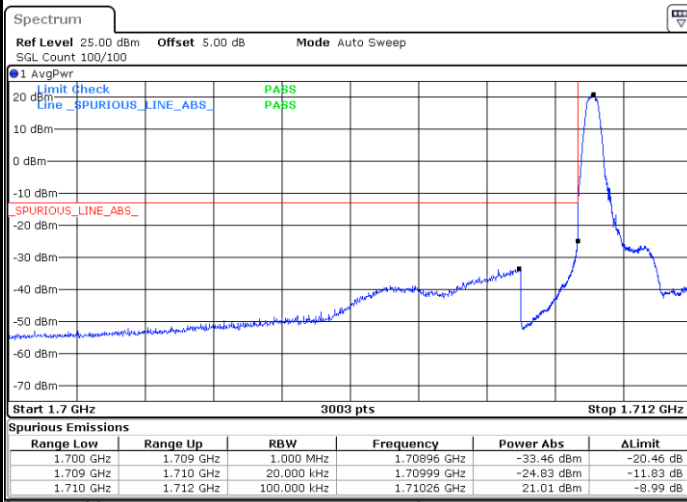
Conducted Band Edge





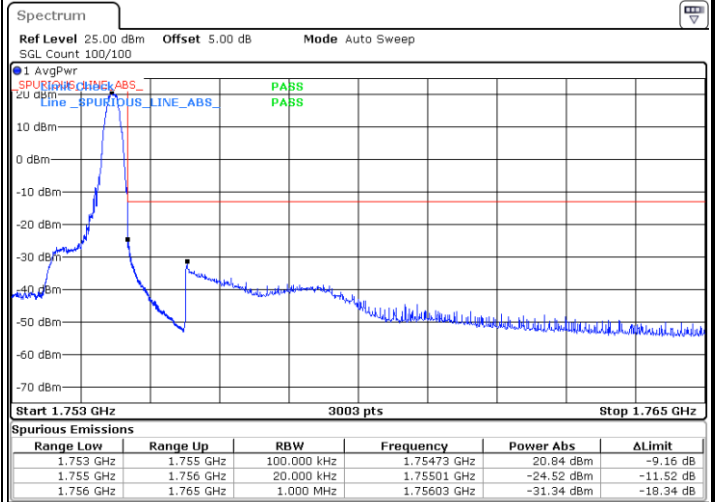
LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



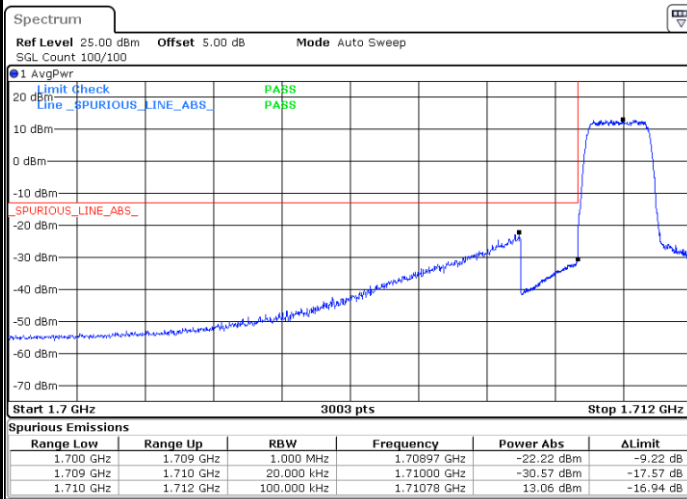
Date: 29.NOV.2021 20:24:51

Highest Band Edge / 1 RB



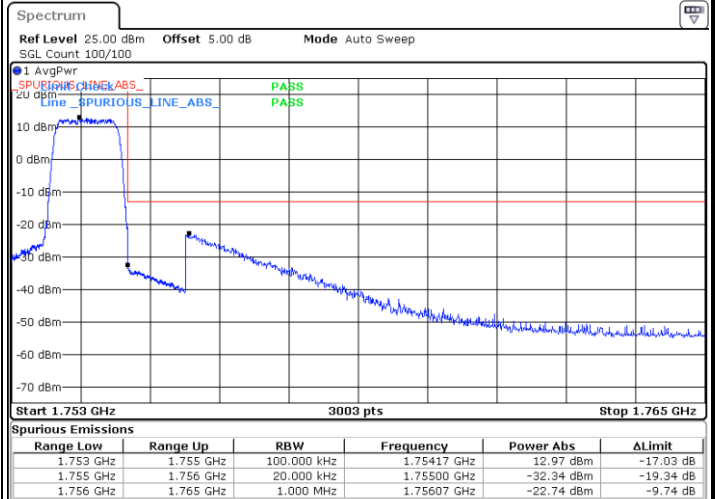
Date: 29.NOV.2021 20:36:56

Lowest Band Edge / Full RB



Date: 29.NOV.2021 20:29:00

Highest Band Edge / Full RB

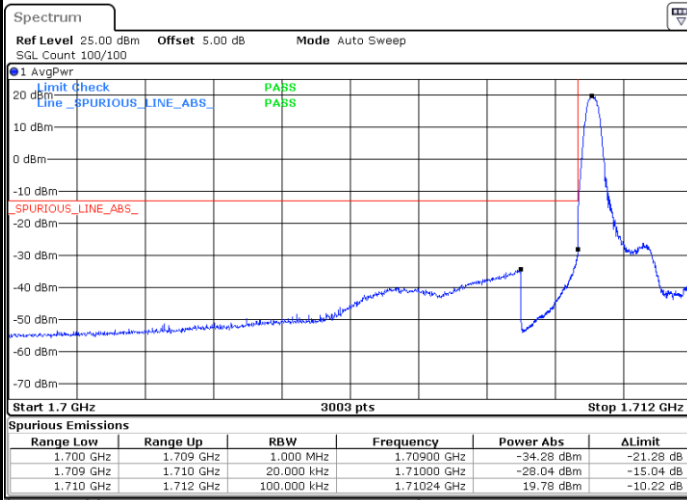


Date: 29.NOV.2021 20:41:05



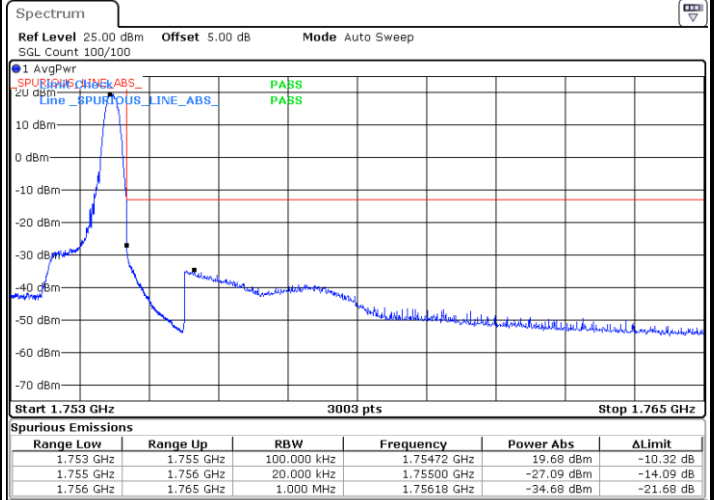
LTE Band 4 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



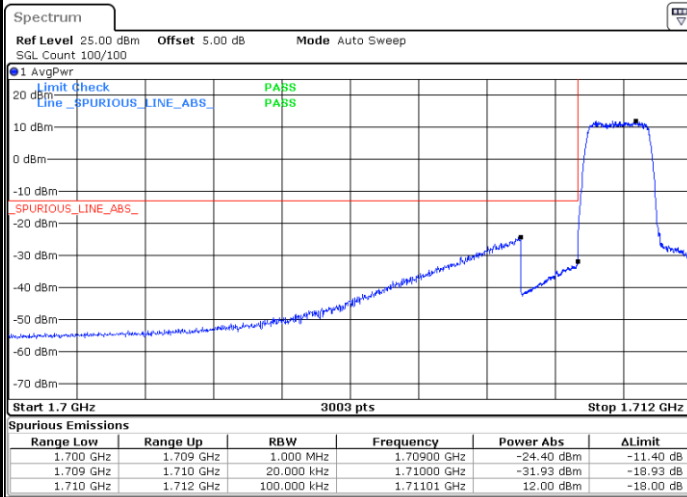
Date: 29.NOV.2021 20:26:14

Highest Band Edge / 1 RB



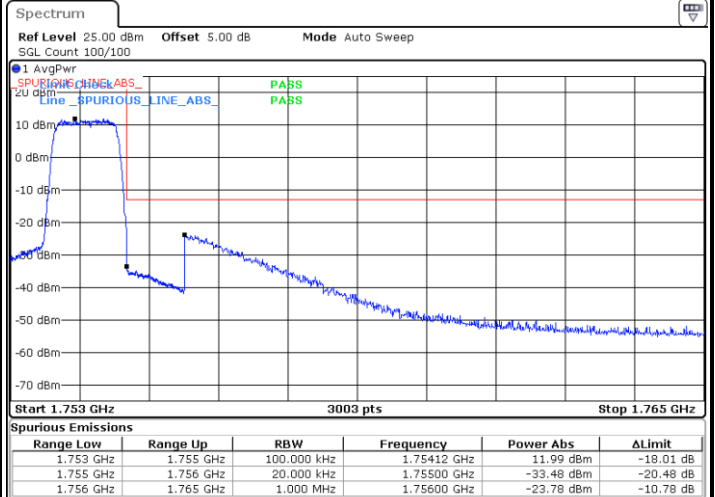
Date: 29.NOV.2021 20:38:19

Lowest Band Edge / Full RB



Date: 29.NOV.2021 20:27:37

Highest Band Edge / Full RB

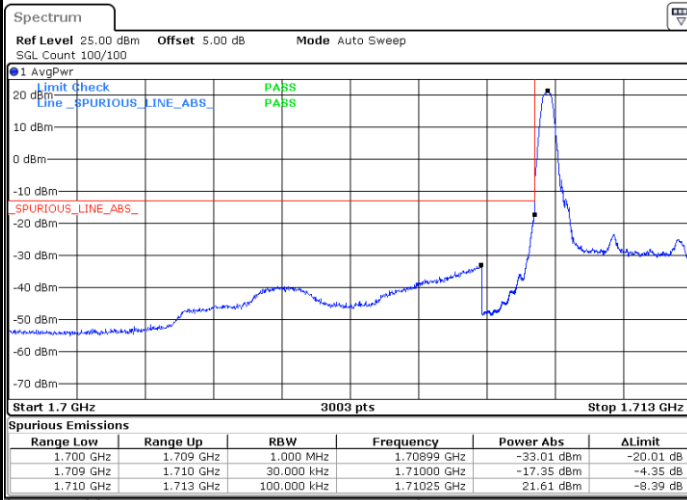


Date: 29.NOV.2021 20:39:42



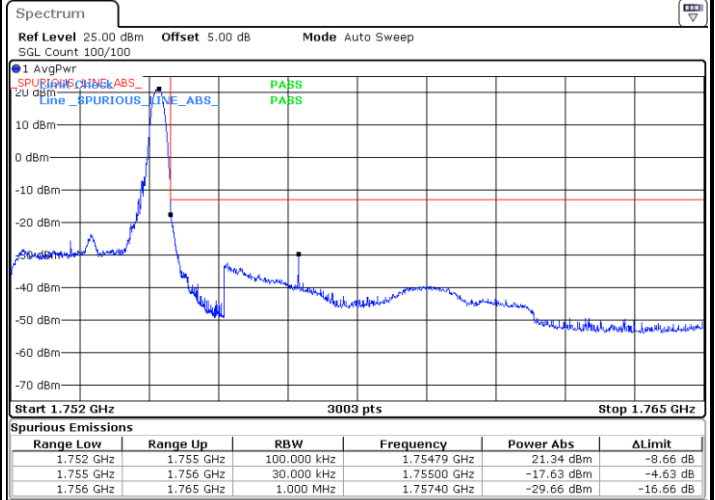
LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB



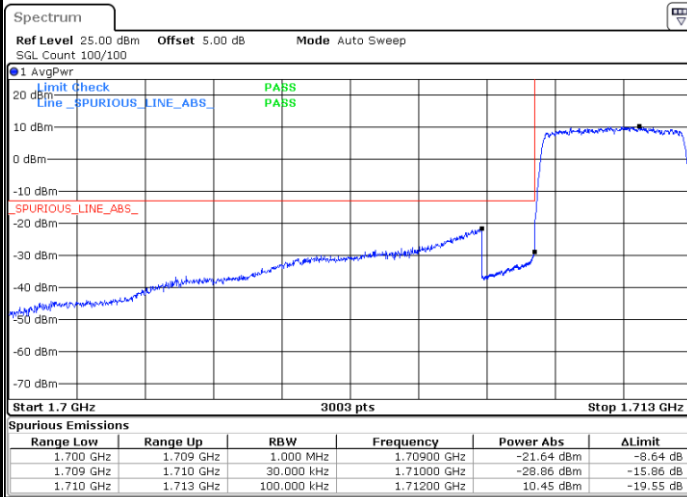
Date: 29.NOV.2021 20:45:37

Highest Band Edge / 1 RB



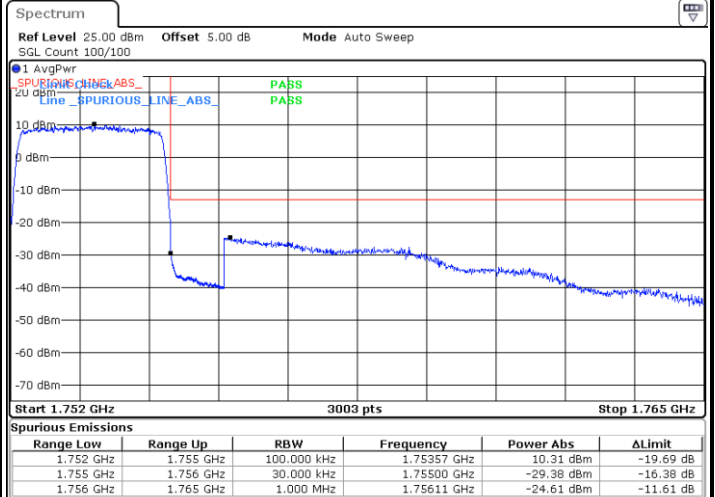
Date: 29.NOV.2021 20:57:41

Lowest Band Edge / Full RB



Date: 29.NOV.2021 20:52:30

Highest Band Edge / Full RB

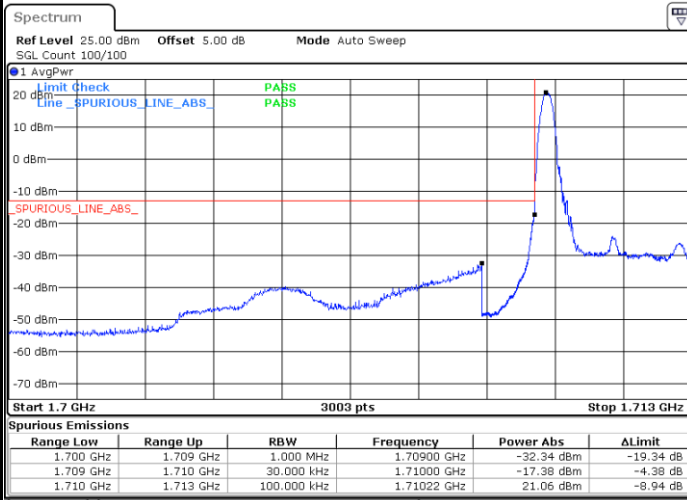


Date: 29.NOV.2021 21:04:34



LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



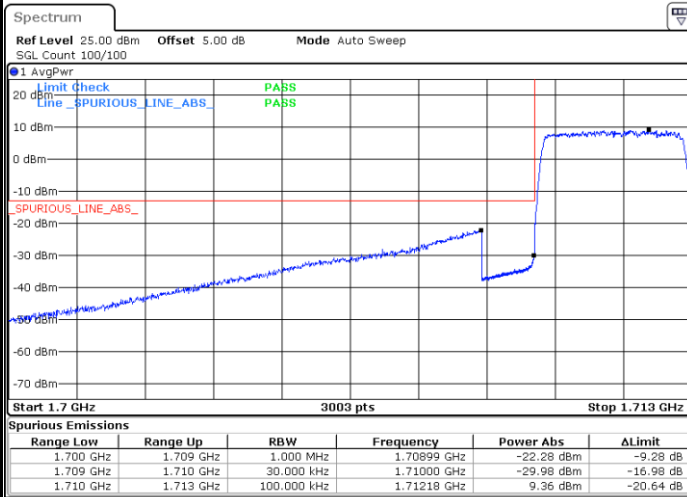
Date: 29.NOV.2021 20:46:59

Highest Band Edge / 1 RB



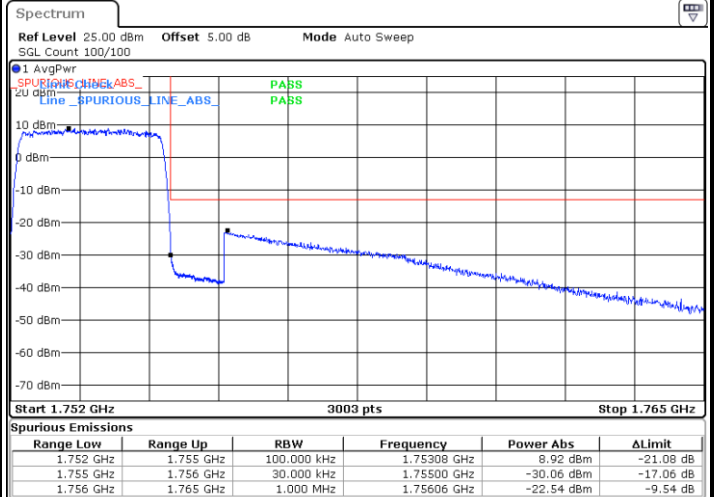
Date: 29.NOV.2021 20:59:03

Lowest Band Edge / Full RB



Date: 29.NOV.2021 20:51:07

Highest Band Edge / Full RB

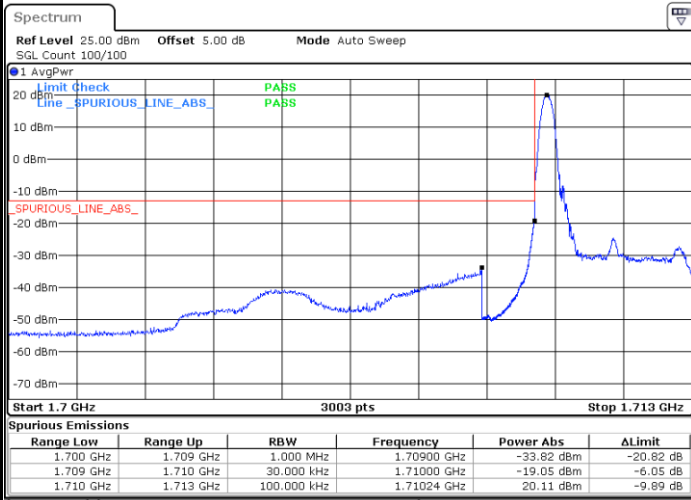


Date: 29.NOV.2021 21:03:11



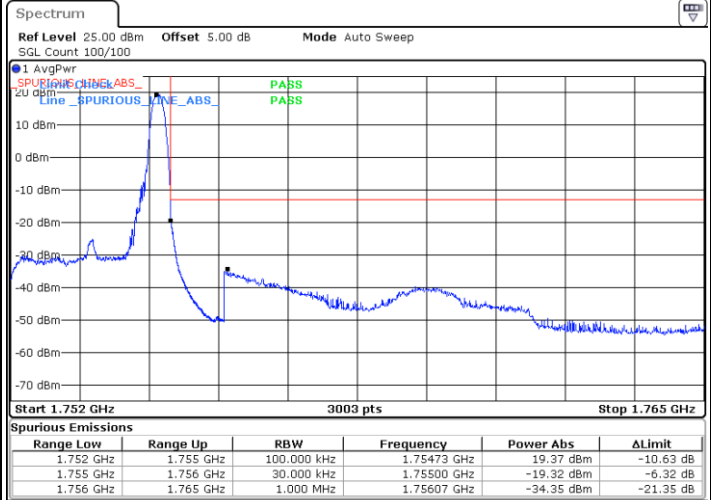
LTE Band 4 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



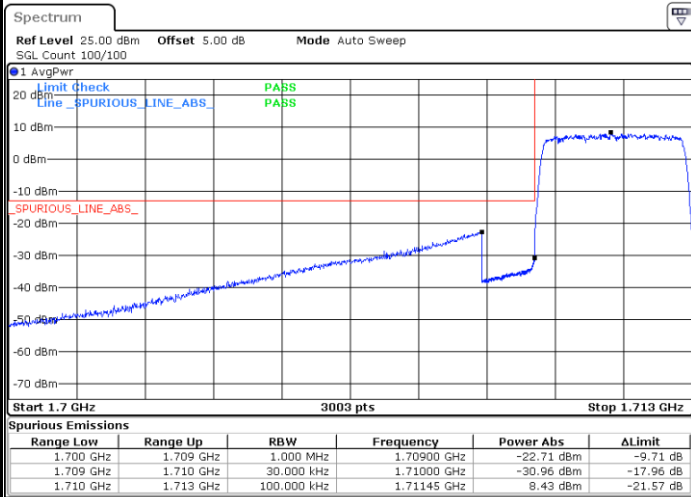
Date: 29.NOV.2021 20:48:22

Highest Band Edge / 1 RB



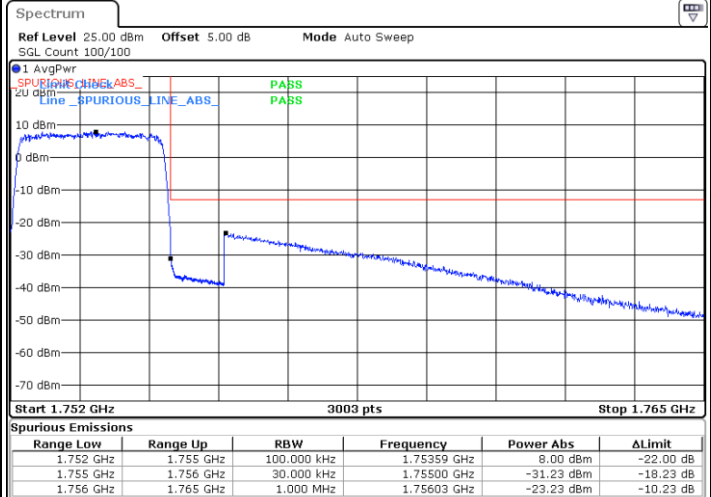
Date: 29.NOV.2021 21:00:26

Lowest Band Edge / Full RB



Date: 29.NOV.2021 20:49:45

Highest Band Edge / Full RB

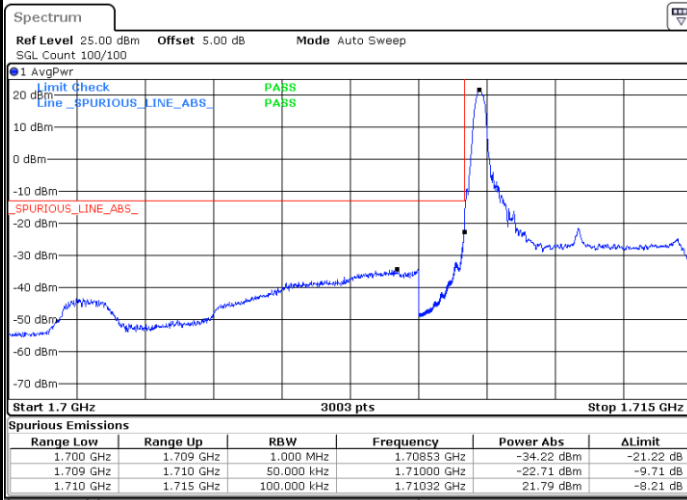


Date: 29.NOV.2021 21:01:48



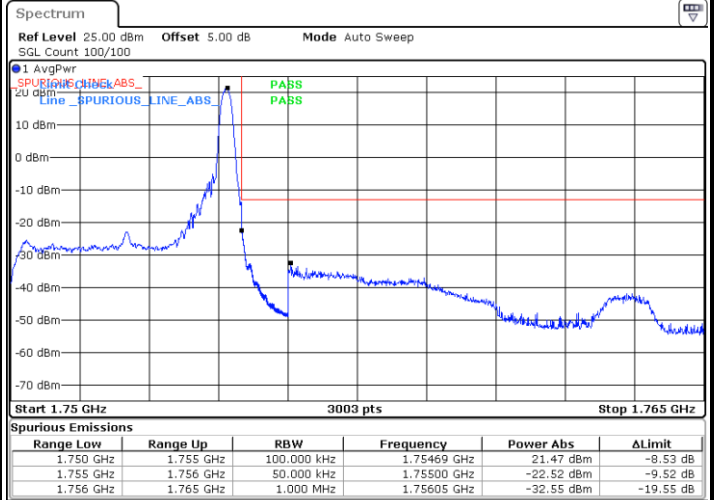
LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / 1 RB



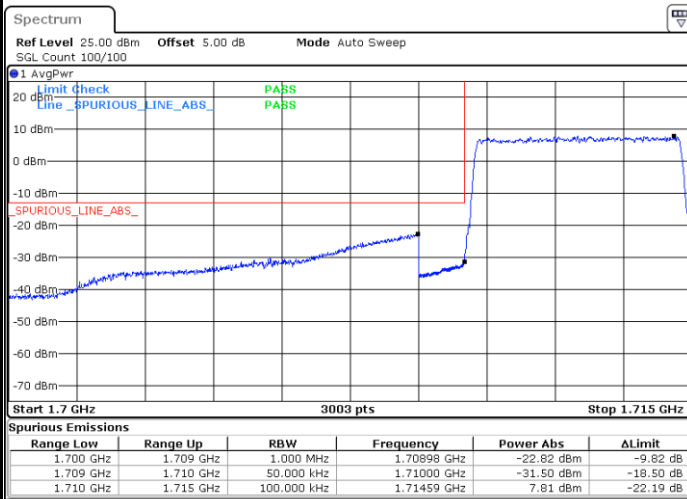
Date: 29.NOV.2021 21:07:42

Highest Band Edge / 1 RB



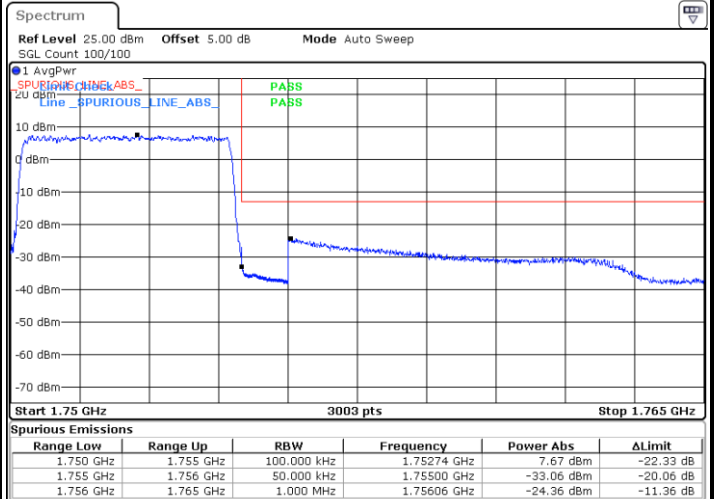
Date: 29.NOV.2021 21:19:46

Lowest Band Edge / Full RB



Date: 29.NOV.2021 21:14:36

Highest Band Edge / Full RB

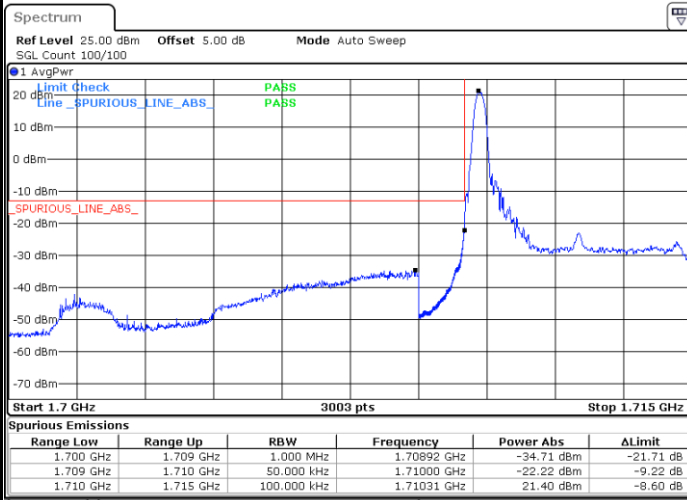


Date: 29.NOV.2021 21:26:40



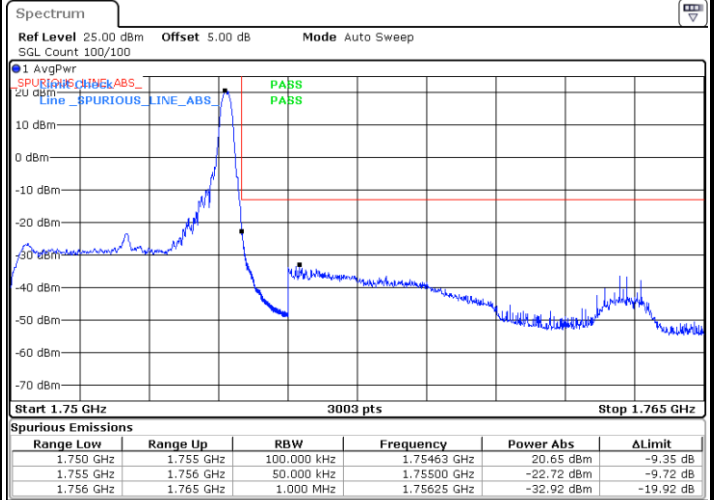
LTE Band 4 / 5MHz / 16QAM

Lowest Band Edge / 1RB



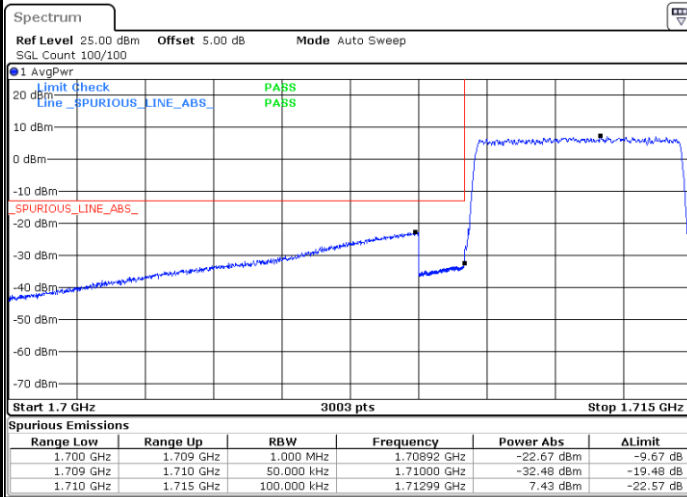
Date: 29.NOV.2021 21:09:05

Highest Band Edge / 1 RB



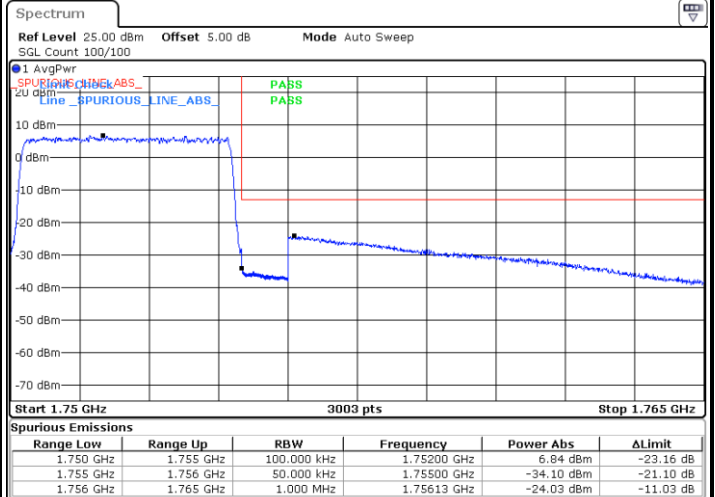
Date: 29.NOV.2021 21:21:09

Lowest Band Edge / Full RB



Date: 29.NOV.2021 21:13:13

Highest Band Edge / Full RB

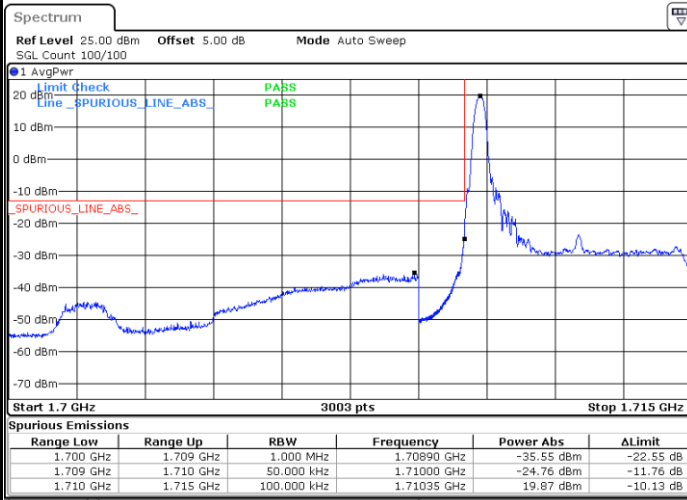


Date: 29.NOV.2021 21:25:17



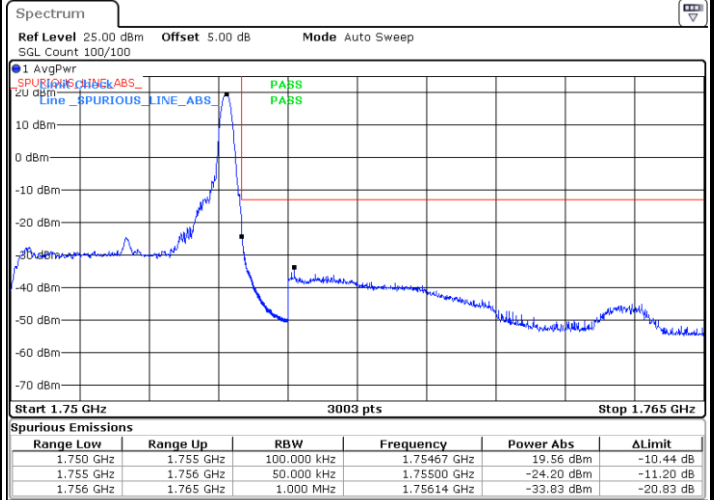
LTE Band 4 / 5MHz / 64QAM

Lowest Band Edge / 1RB



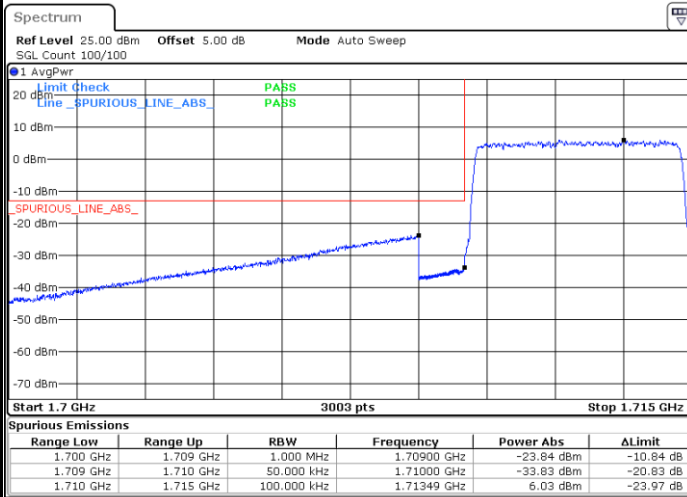
Date: 29.NOV.2021 21:10:27

Highest Band Edge / 1 RB



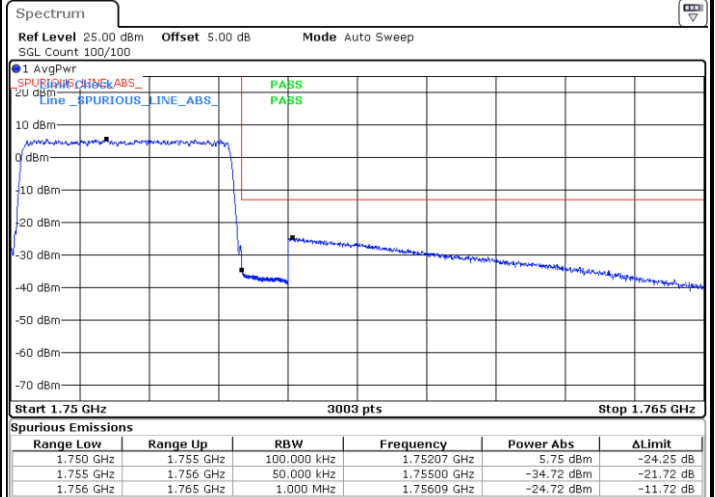
Date: 29.NOV.2021 21:22:32

Lowest Band Edge / Full RB



Date: 29.NOV.2021 21:11:50

Highest Band Edge / Full RB

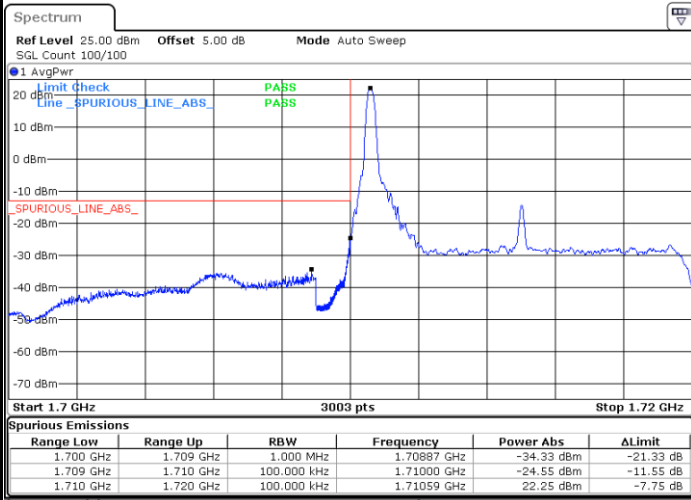


Date: 29.NOV.2021 21:23:54



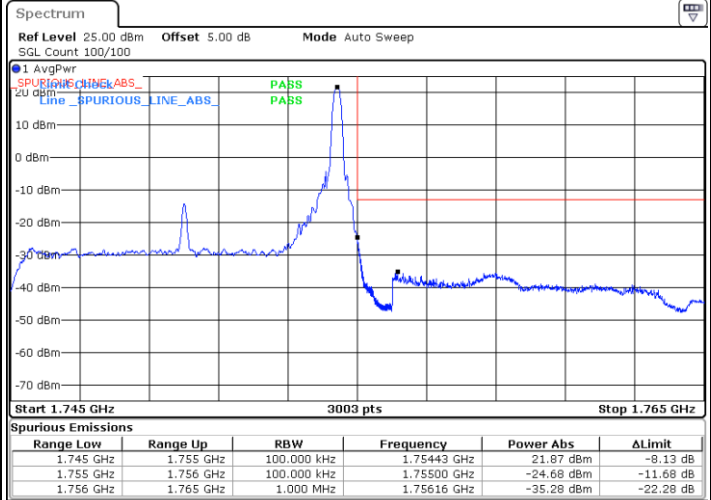
LTE Band 4 / 10MHz / QPSK

Lowest Band Edge / 1 RB



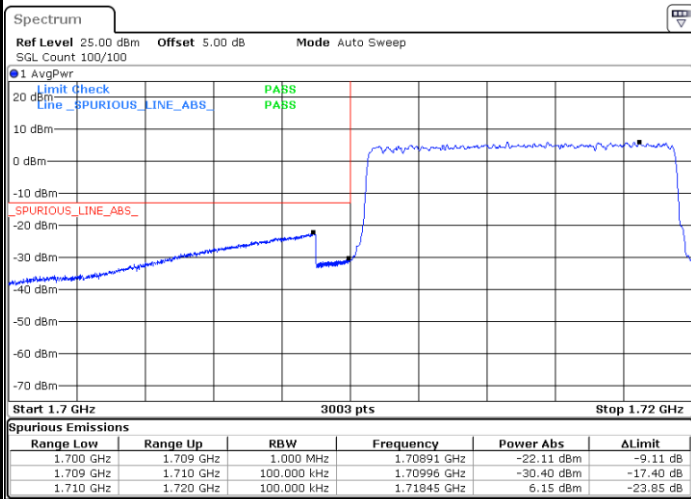
Date: 29.NOV.2021 22:39:39

Highest Band Edge / 1 RB



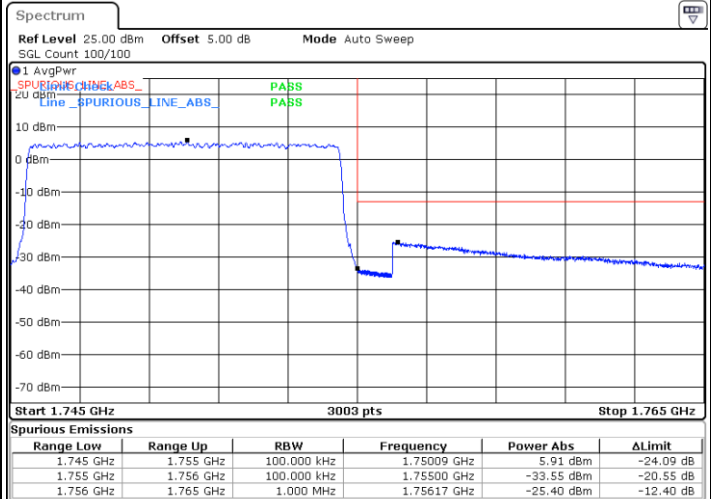
Date: 29.NOV.2021 22:51:42

Lowest Band Edge / Full RB



Date: 29.NOV.2021 22:46:33

Highest Band Edge / Full RB

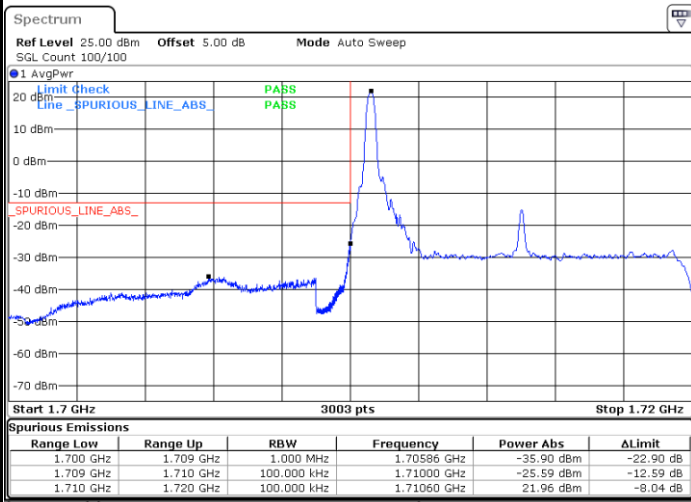


Date: 29.NOV.2021 22:58:36



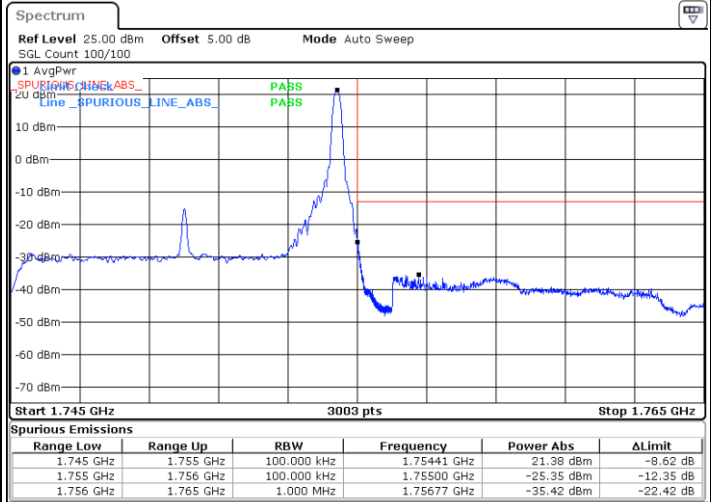
LTE Band 4 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



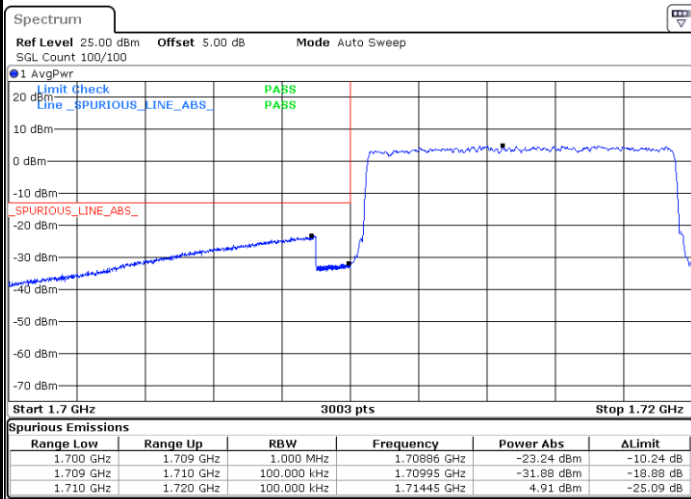
Date: 29.NOV.2021 22:41:02

Highest Band Edge / 1 RB



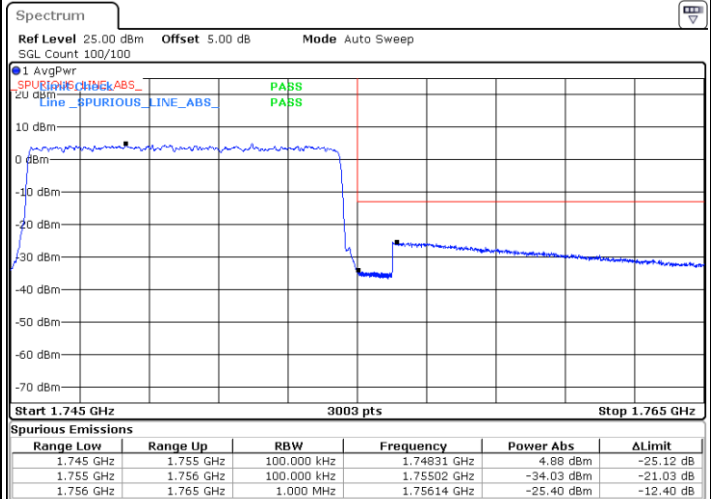
Date: 29.NOV.2021 22:53:05

Lowest Band Edge / Full RB



Date: 29.NOV.2021 22:45:10

Highest Band Edge / Full RB

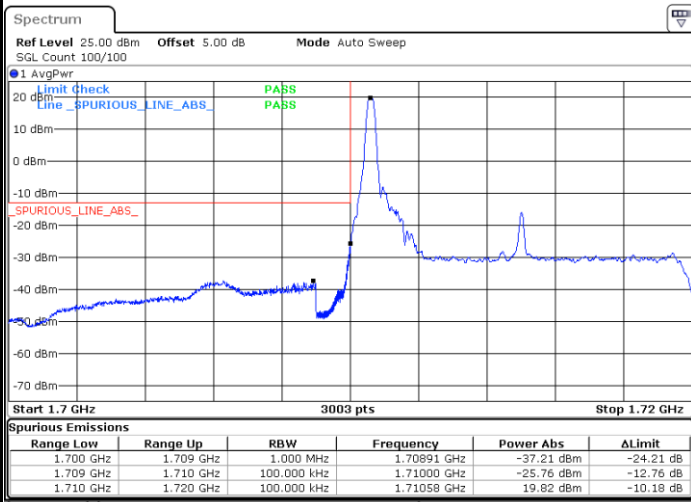


Date: 29.NOV.2021 22:57:13



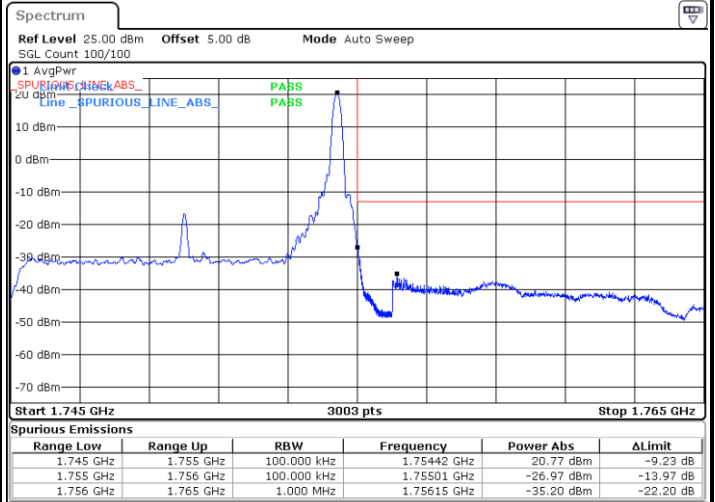
LTE Band 4 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



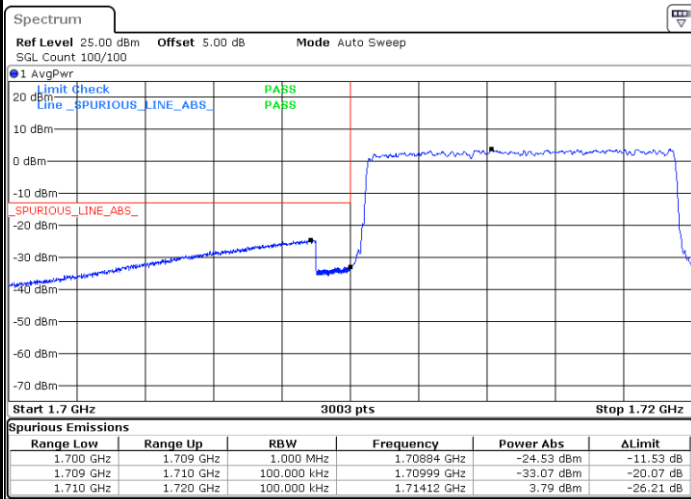
Date: 29.NOV.2021 22:42:25

Highest Band Edge / 1 RB



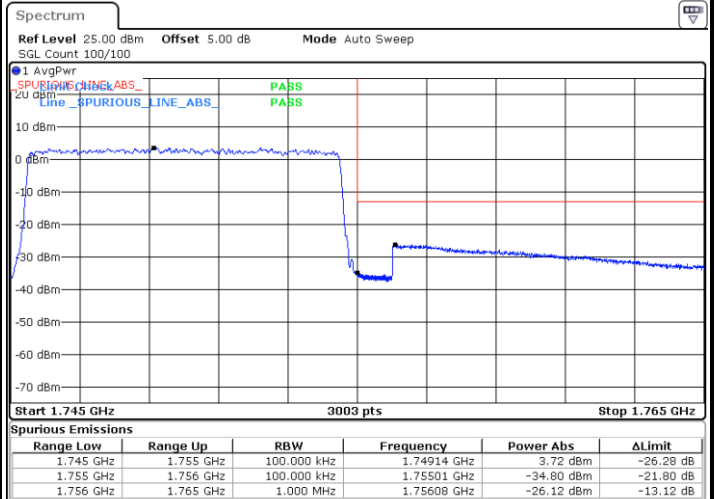
Date: 29.NOV.2021 22:54:28

Lowest Band Edge / Full RB



Date: 29.NOV.2021 22:43:47

Highest Band Edge / Full RB

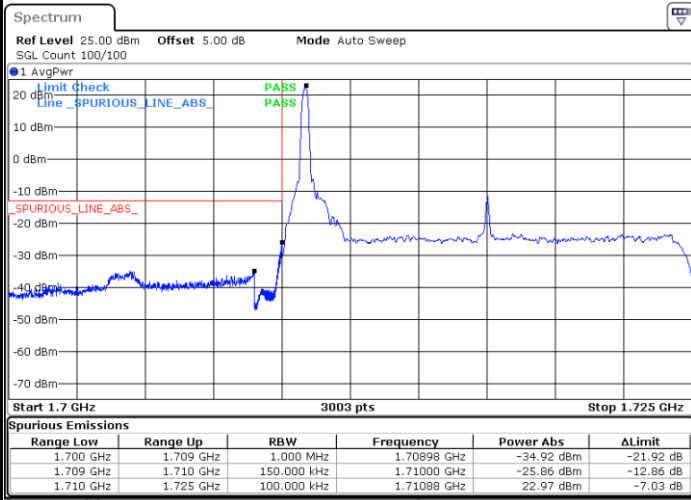


Date: 29.NOV.2021 22:55:50



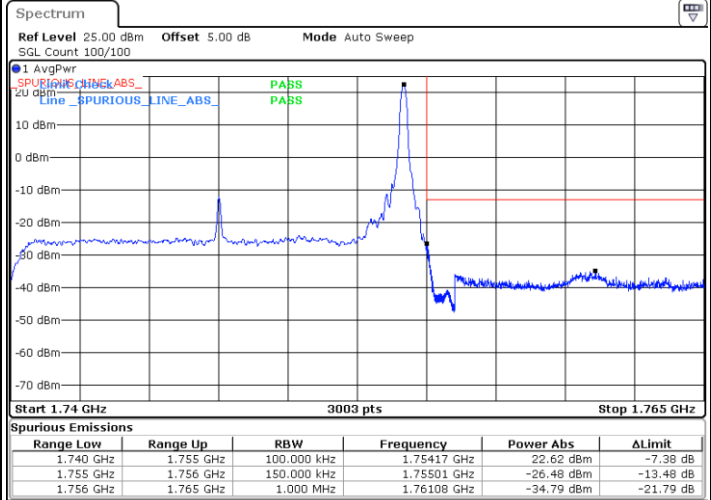
LTE Band 4 / 15MHz / QPSK

Lowest Band Edge / 1 RB



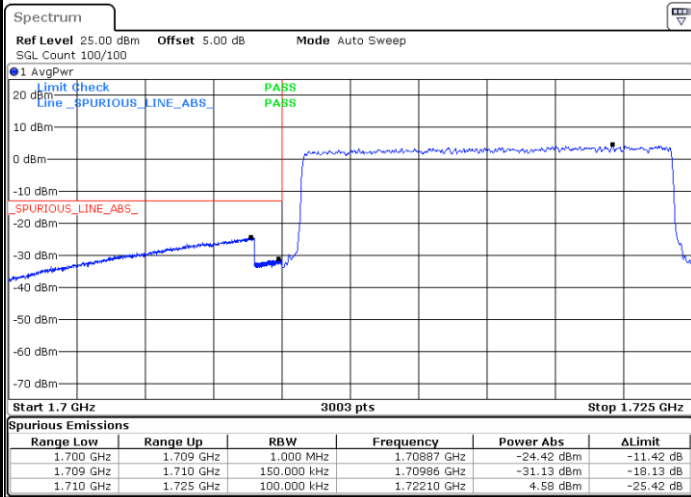
Date: 29.NOV.2021 23:06:03

Highest Band Edge / 1 RB



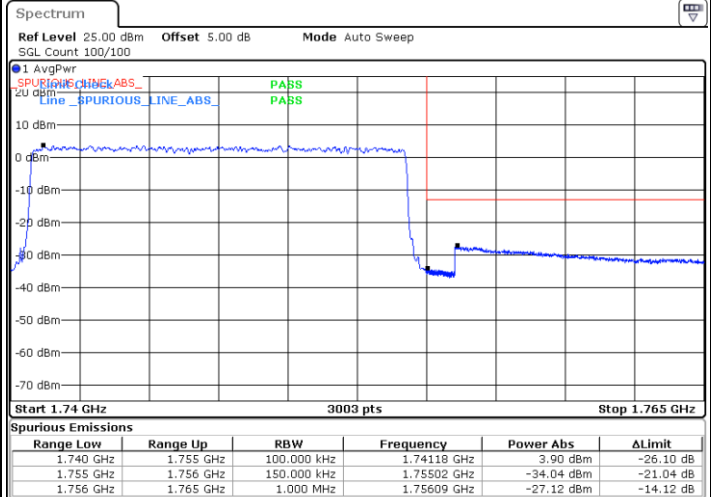
Date: 29.NOV.2021 23:18:09

Lowest Band Edge / Full RB



Date: 29.NOV.2021 23:12:59

Highest Band Edge / Full RB

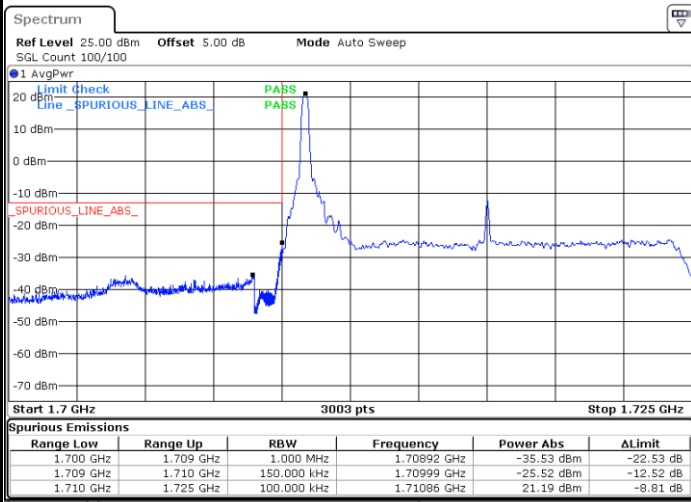


Date: 29.NOV.2021 23:25:03



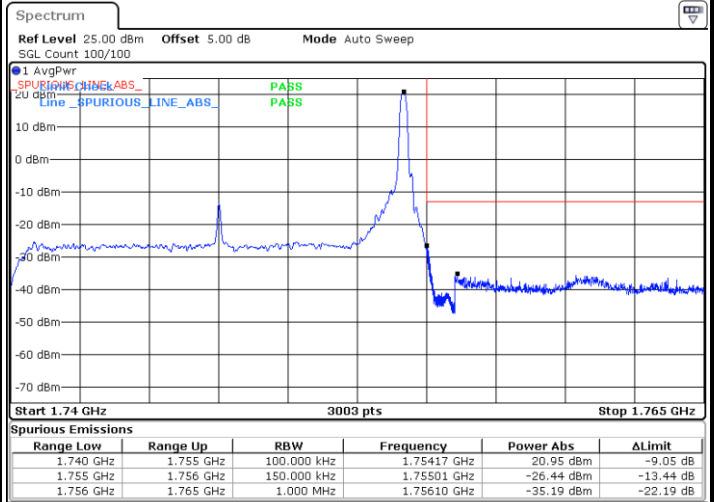
LTE Band 4 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



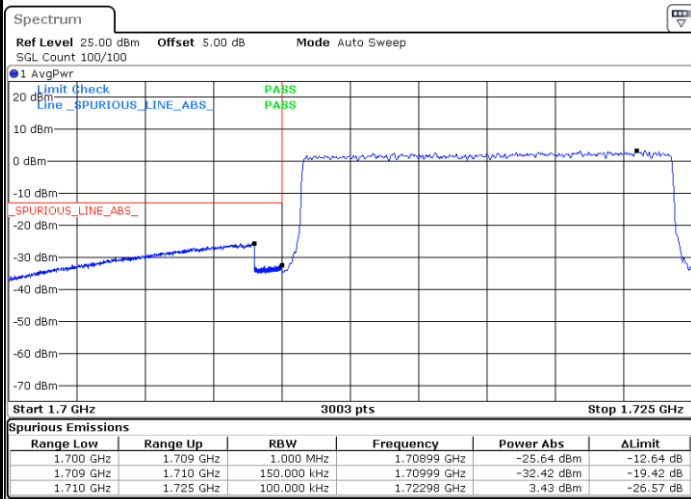
Date: 29.NOV.2021 23:07:29

Highest Band Edge / 1 RB



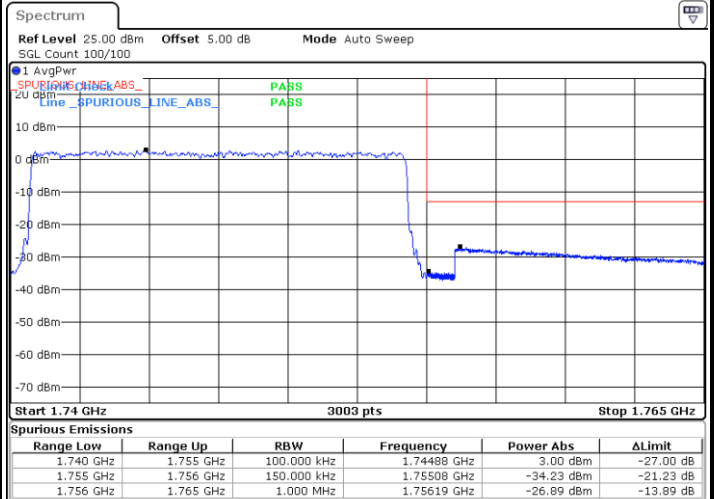
Date: 29.NOV.2021 23:19:32

Lowest Band Edge / Full RB



Date: 29.NOV.2021 23:11:37

Highest Band Edge / Full RB

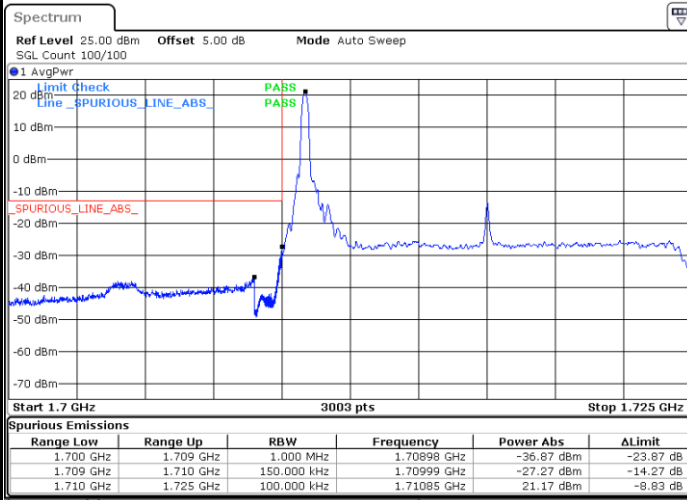


Date: 29.NOV.2021 23:23:40



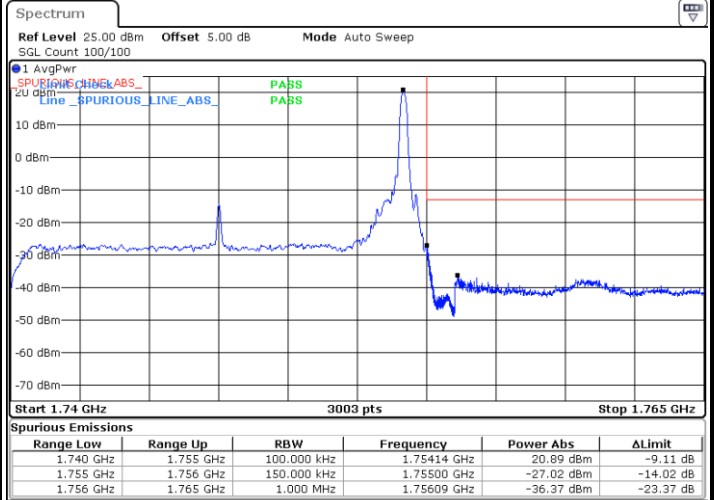
LTE Band 4 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



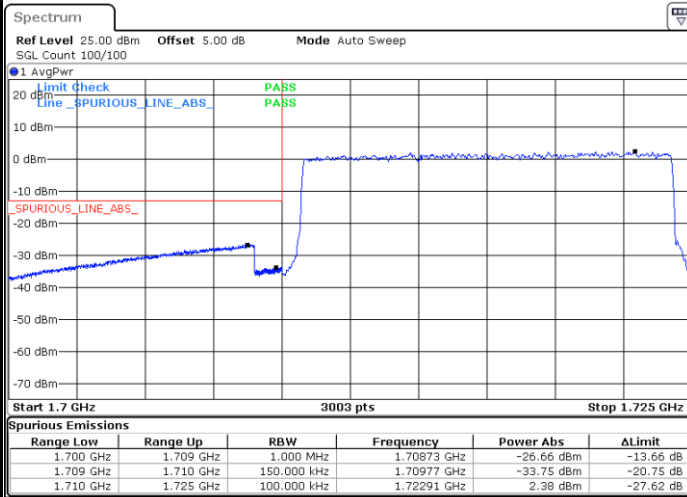
Date: 29.NOV.2021 23:08:51

Highest Band Edge / 1 RB



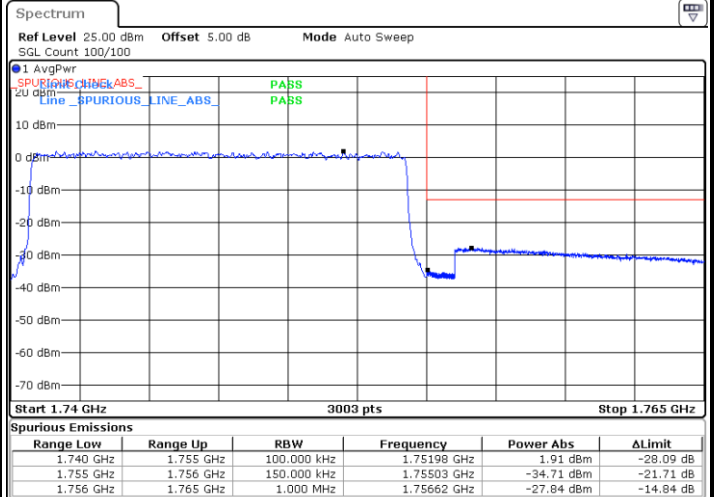
Date: 29.NOV.2021 23:20:55

Lowest Band Edge / Full RB



Date: 29.NOV.2021 23:10:14

Highest Band Edge / Full RB

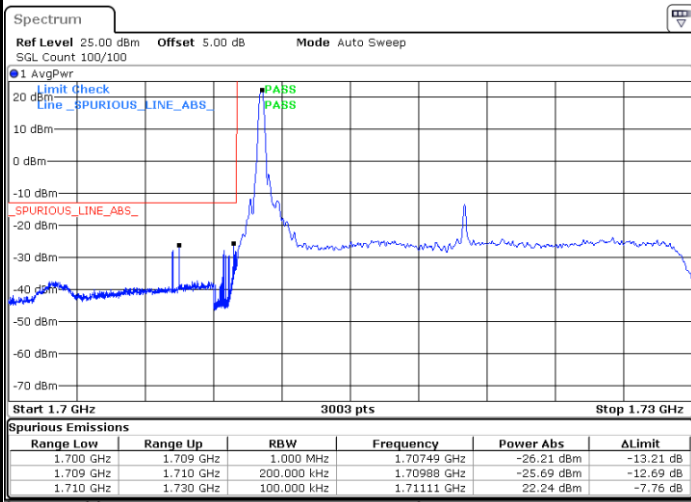


Date: 29.NOV.2021 23:22:18



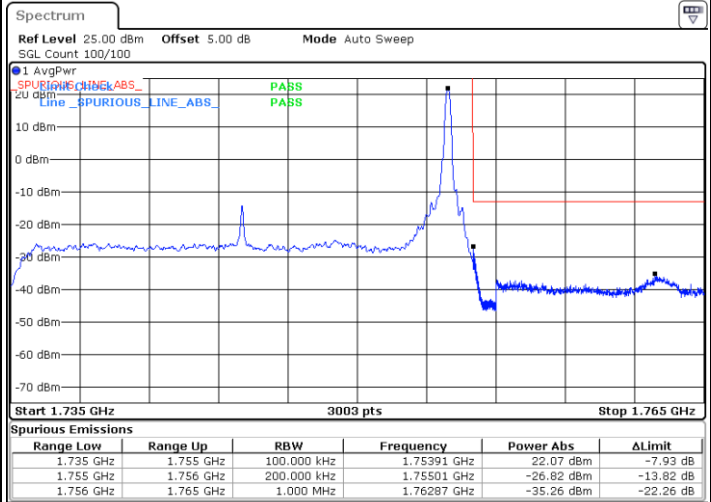
LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / 1 RB



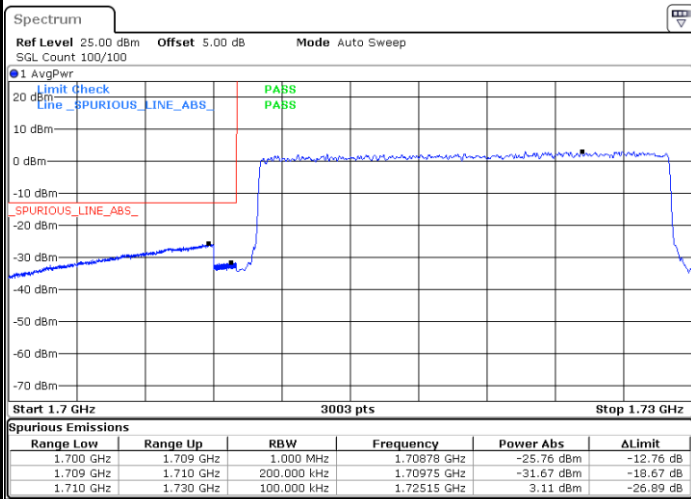
Date: 29.NOV.2021 22:14:00

Highest Band Edge / 1 RB



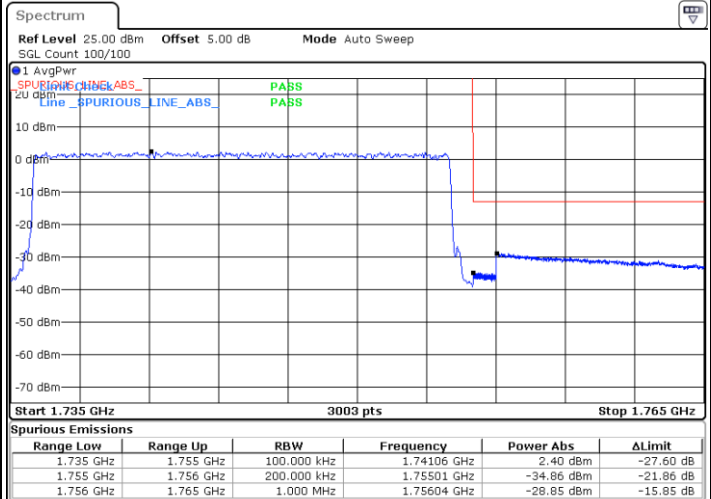
Date: 29.NOV.2021 22:26:04

Lowest Band Edge / Full RB



Date: 29.NOV.2021 22:20:54

Highest Band Edge / Full RB

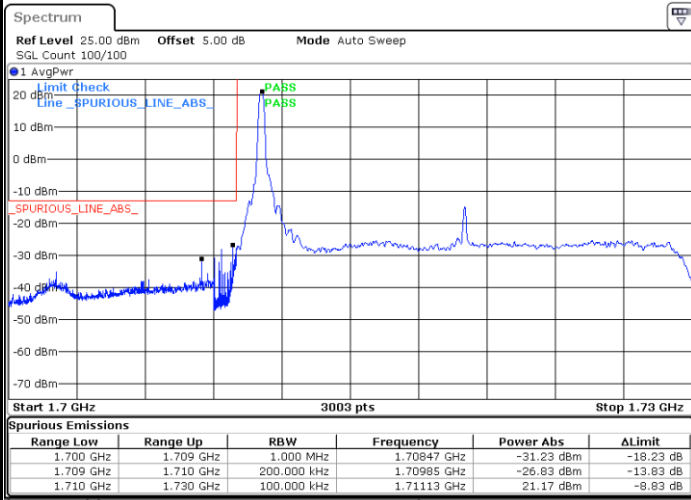


Date: 29.NOV.2021 22:32:58



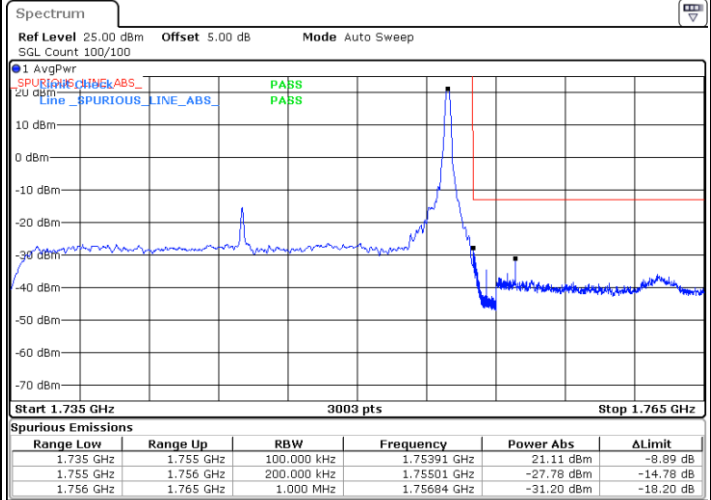
LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



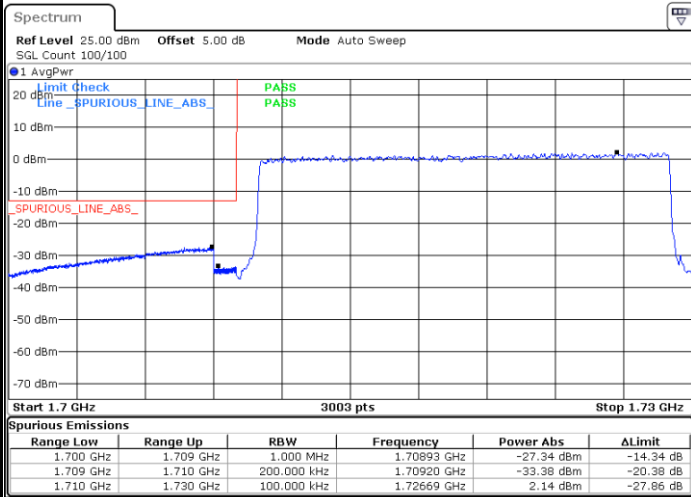
Date: 29.NOV.2021 22:15:23

Highest Band Edge / 1 RB



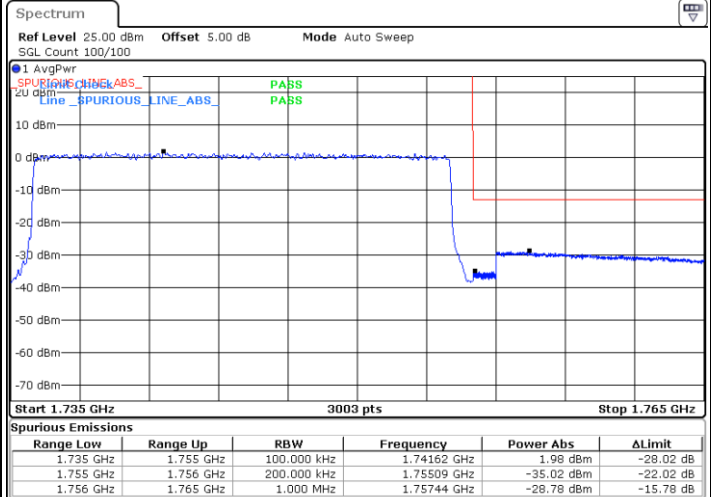
Date: 29.NOV.2021 22:27:27

Lowest Band Edge / Full RB



Date: 29.NOV.2021 22:19:31

Highest Band Edge / Full RB

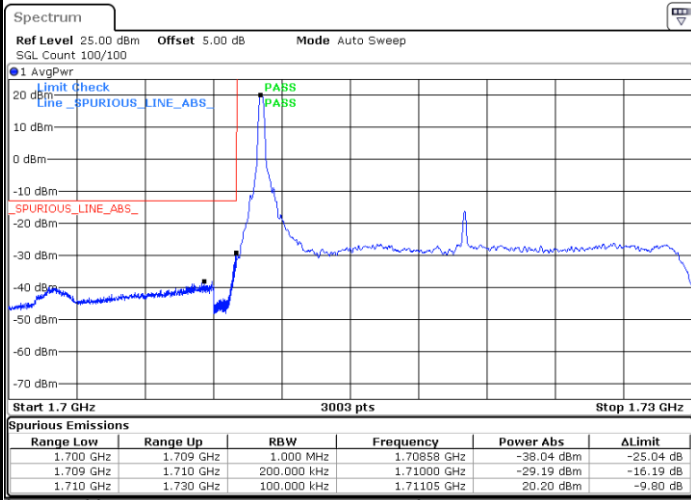


Date: 29.NOV.2021 22:31:35



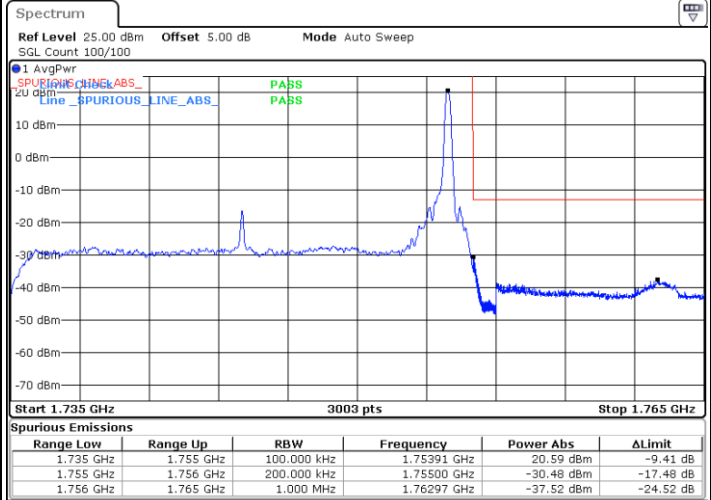
LTE Band 4 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



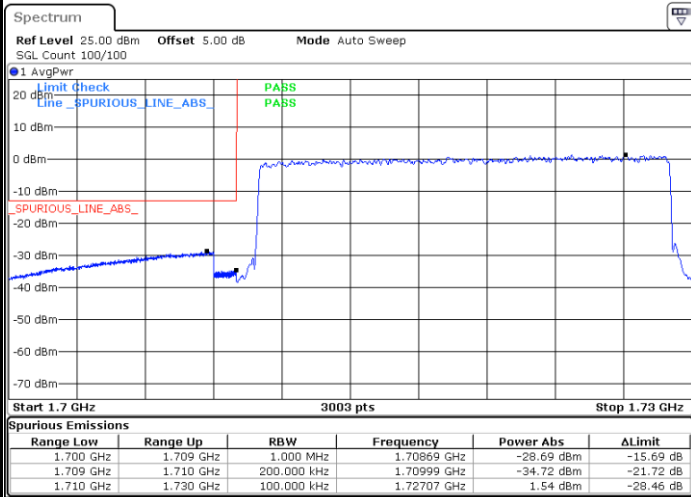
Date: 29.NOV.2021 22:16:46

Highest Band Edge / 1 RB



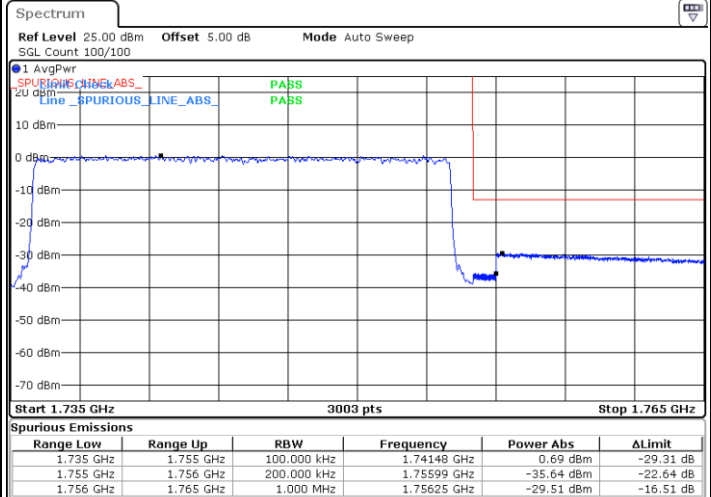
Date: 29.NOV.2021 22:28:49

Lowest Band Edge / Full RB



Date: 29.NOV.2021 22:18:08

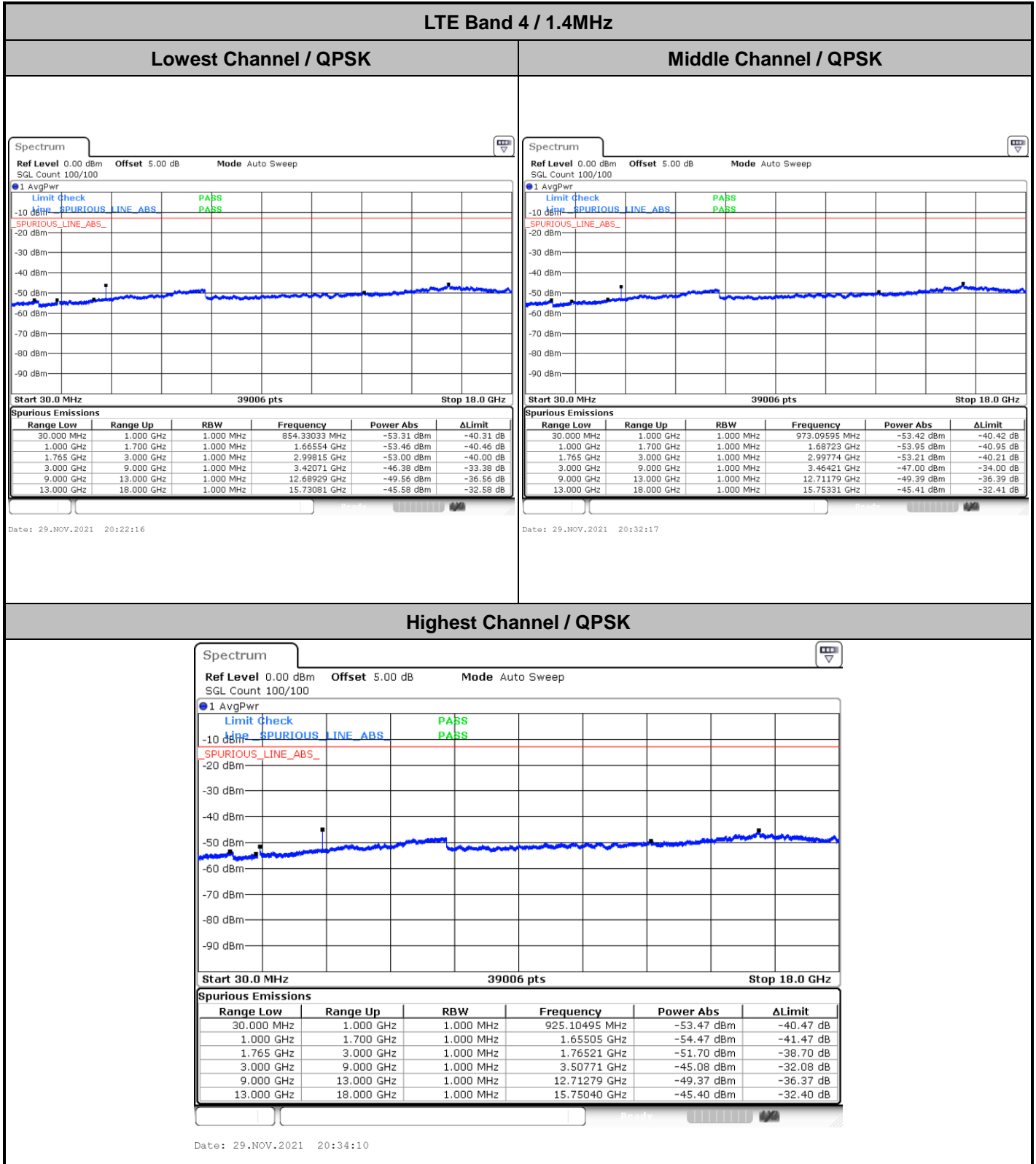
Highest Band Edge / Full RB



Date: 29.NOV.2021 22:30:12



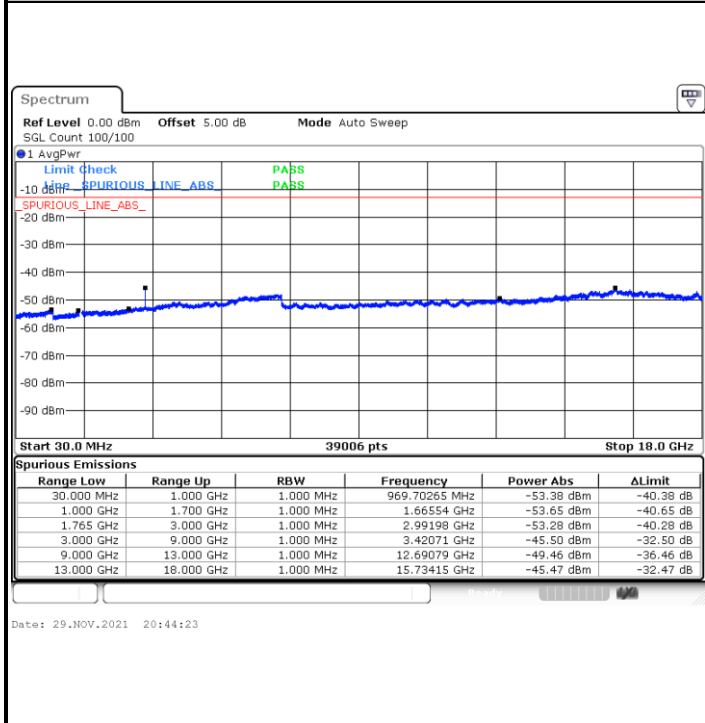
Conducted Spurious Emission



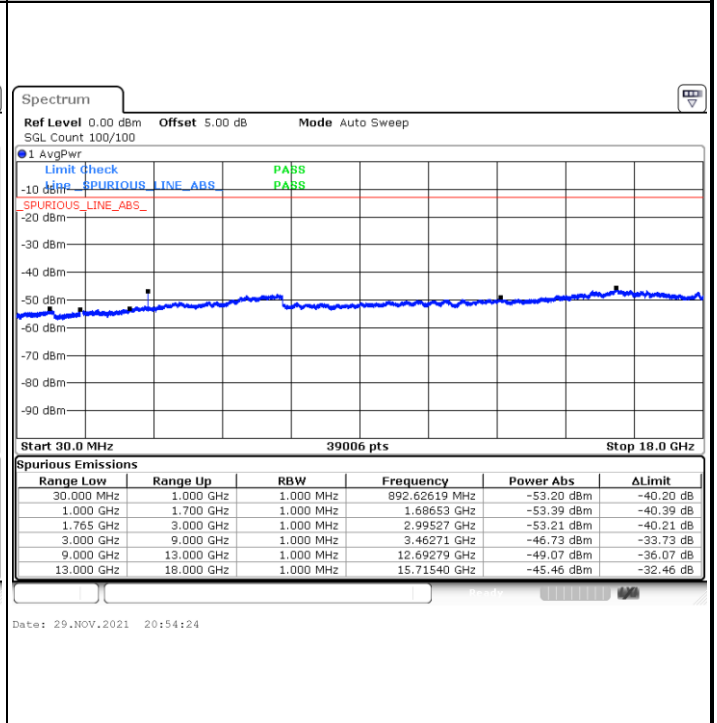


LTE Band 4 / 3MHz

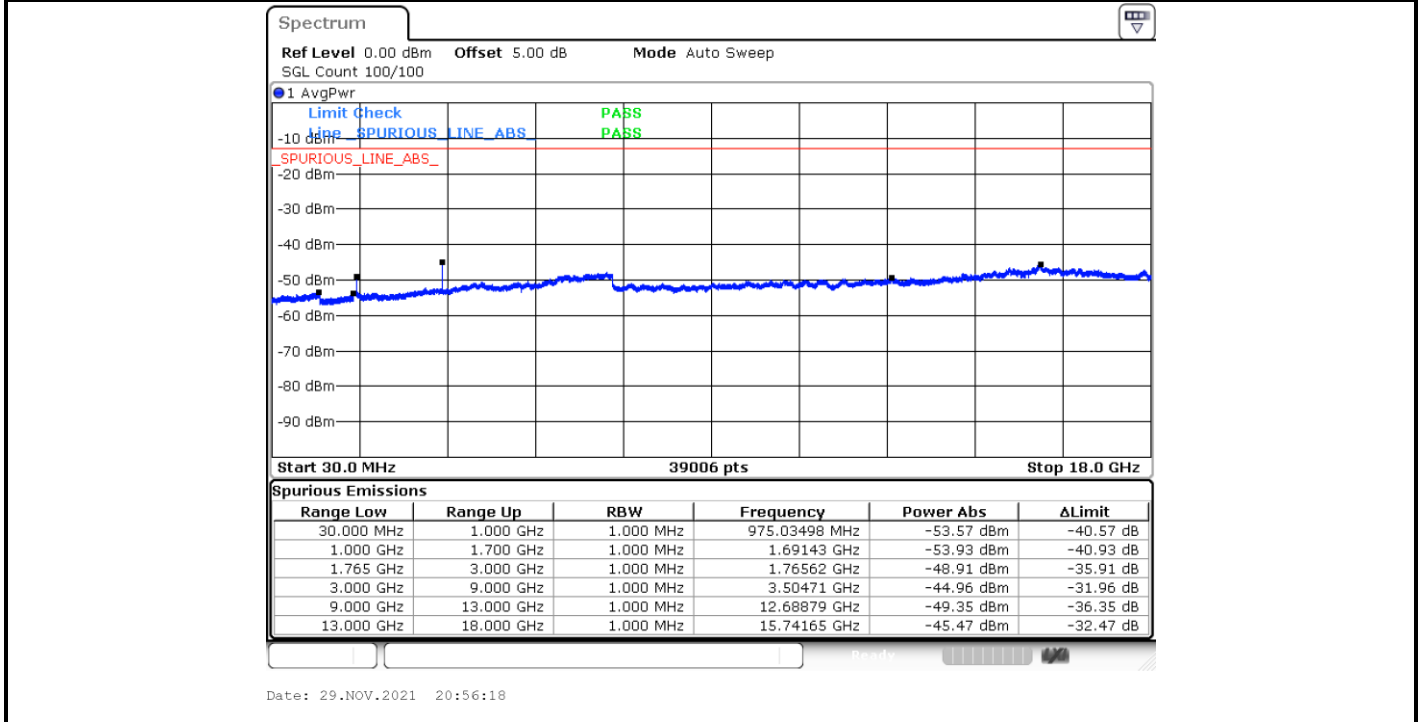
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

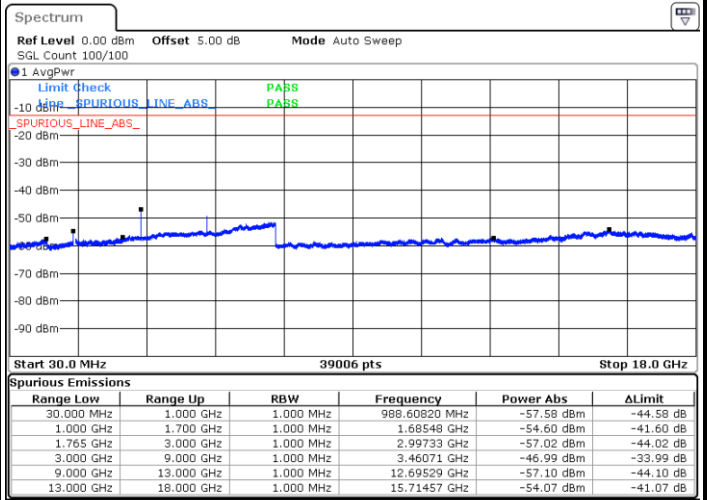
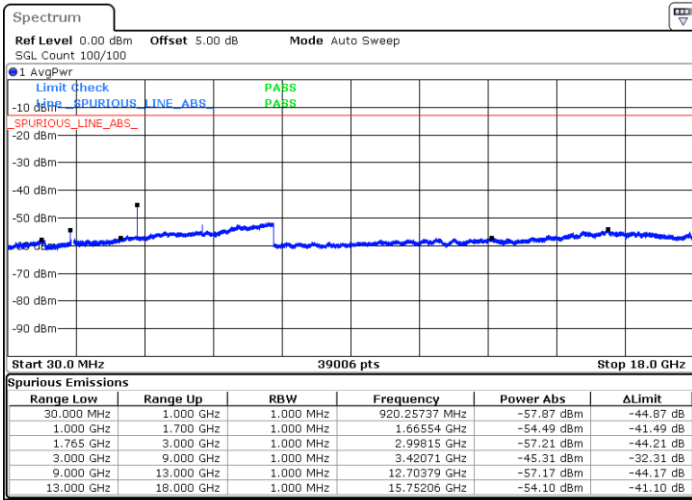




LTE Band 4 / 5MHz

Lowest Channel / QPSK

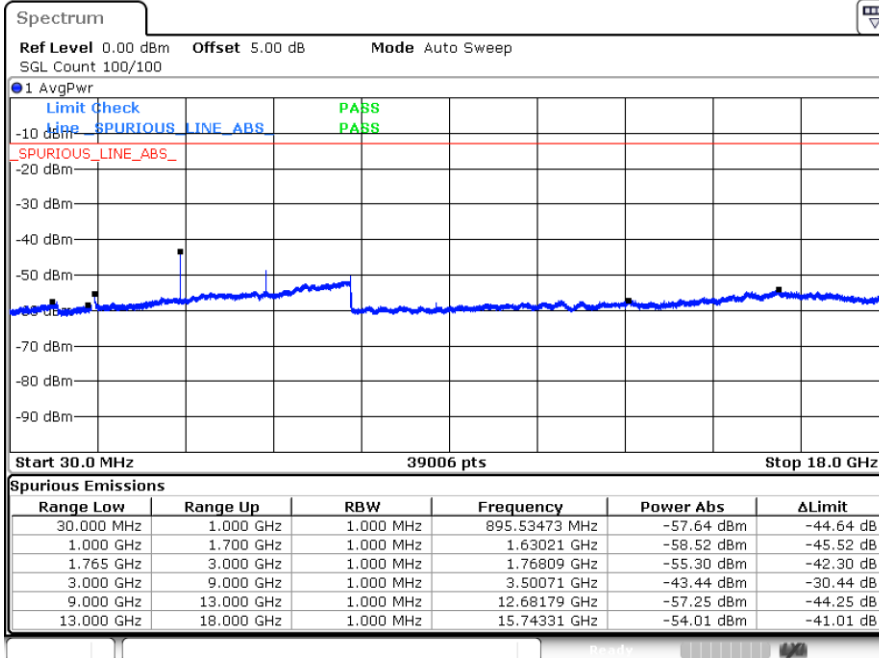
Middle Channel / QPSK



Date: 29.NOV.2021 21:06:28

Date: 29.NOV.2021 21:16:30

Highest Channel / QPSK



Date: 29.NOV.2021 21:18:23