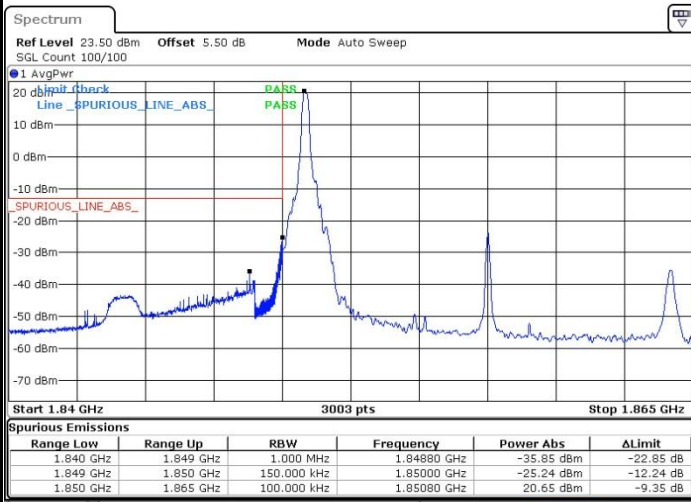




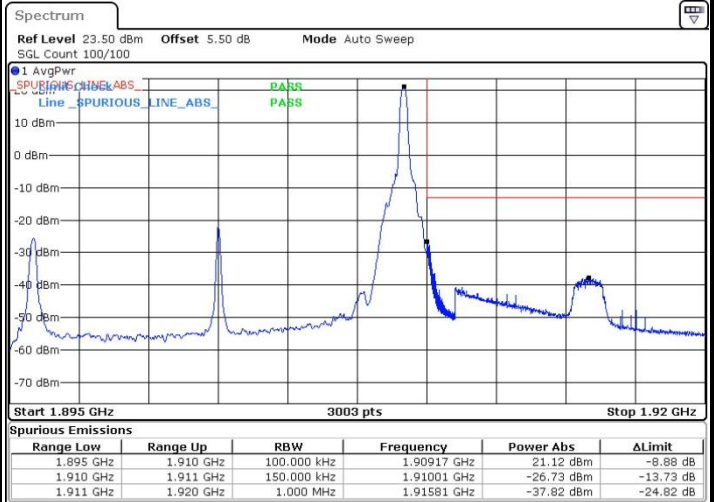
LTE Band 2 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



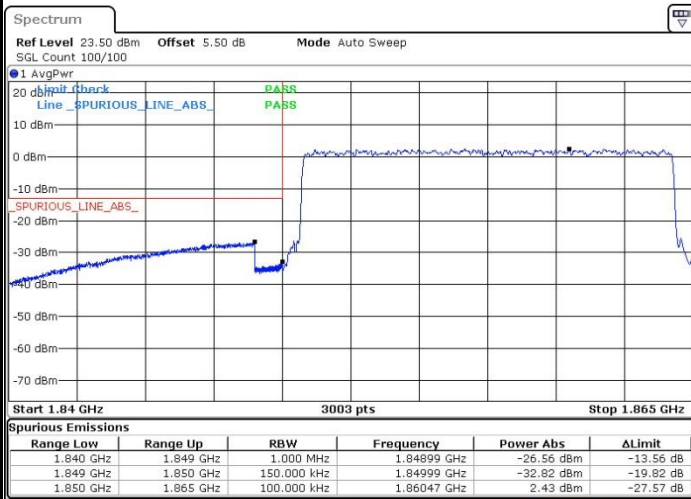
Date: 4 NOV.2021 22:07:02

Highest Band Edge / 1 RB



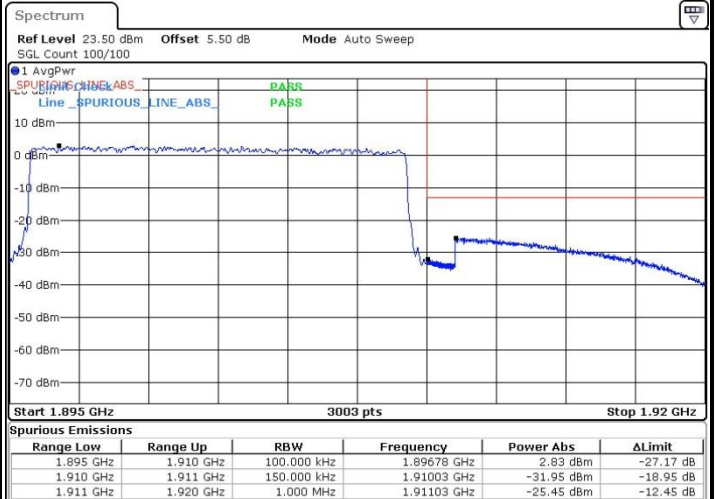
Date: 4 NOV.2021 22:10:57

Lowest Band Edge / Full RB



Date: 4 NOV.2021 22:08:59

Highest Band Edge / Full RB

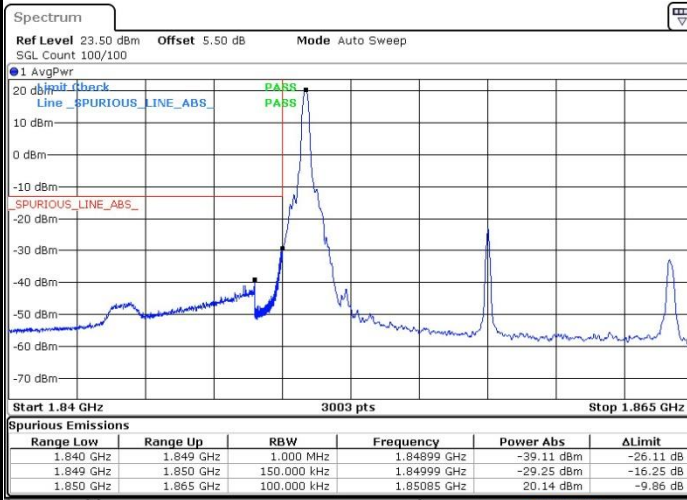


Date: 4 NOV.2021 22:12:55



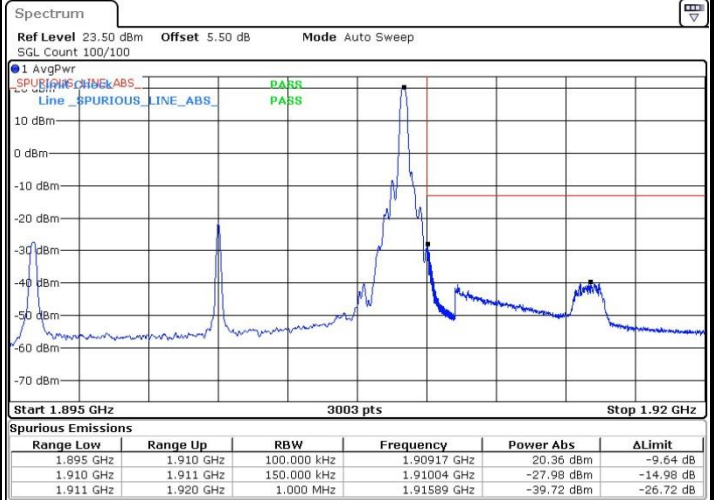
LTE Band 2 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



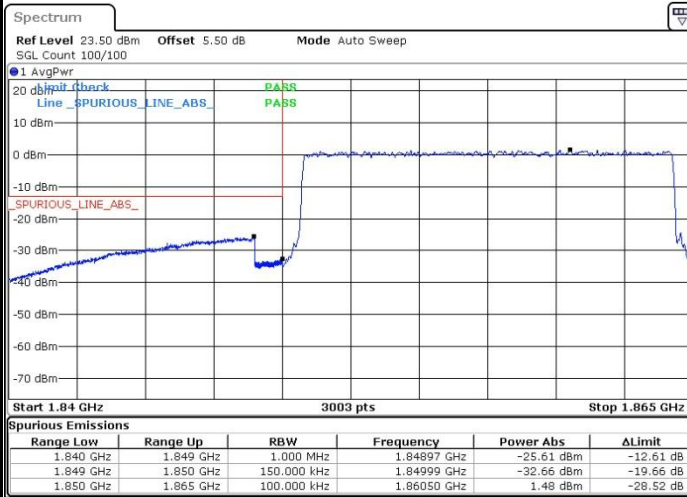
Date: 4 NOV.2021 22:58:41

Highest Band Edge / 1 RB



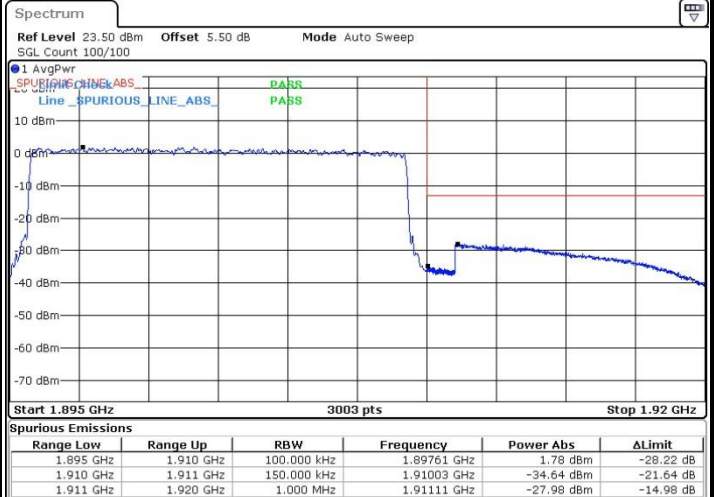
Date: 4 NOV.2021 23:01:38

Lowest Band Edge / Full RB



Date: 4 NOV.2021 22:59:40

Highest Band Edge / Full RB

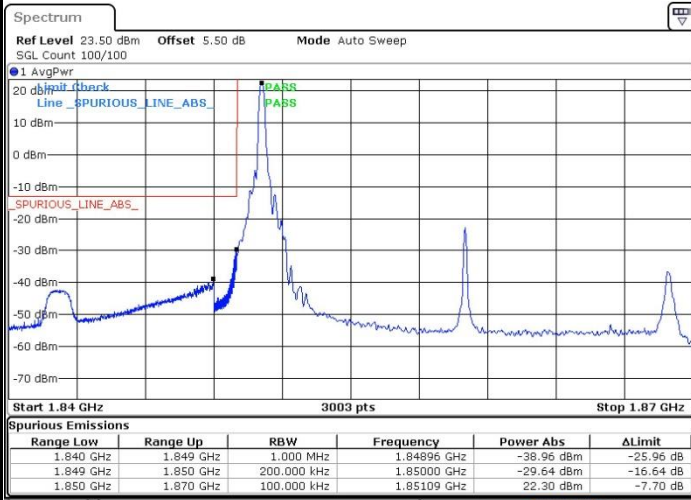


Date: 4 NOV.2021 23:00:39



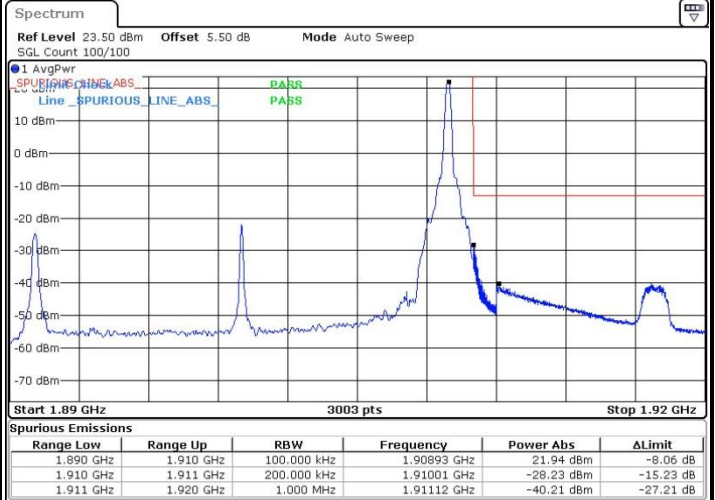
LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / 1 RB



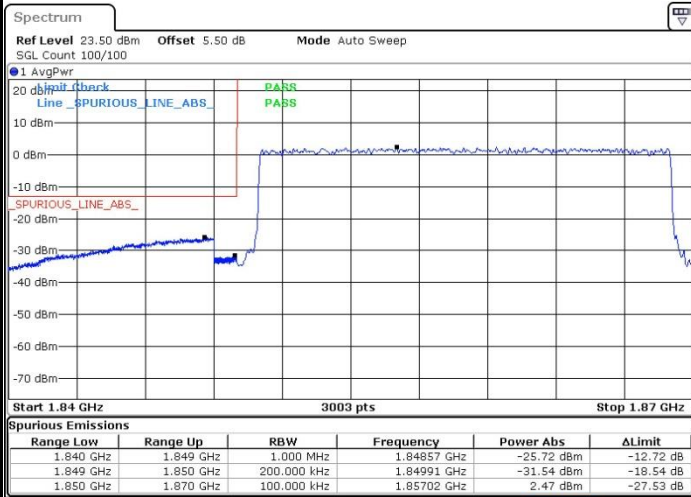
Date: 4 NOV.2021 22:14:23

Highest Band Edge / 1 RB



Date: 4 NOV.2021 22:18:19

Lowest Band Edge / Full RB



Date: 4 NOV.2021 22:16:21

Highest Band Edge / Full RB

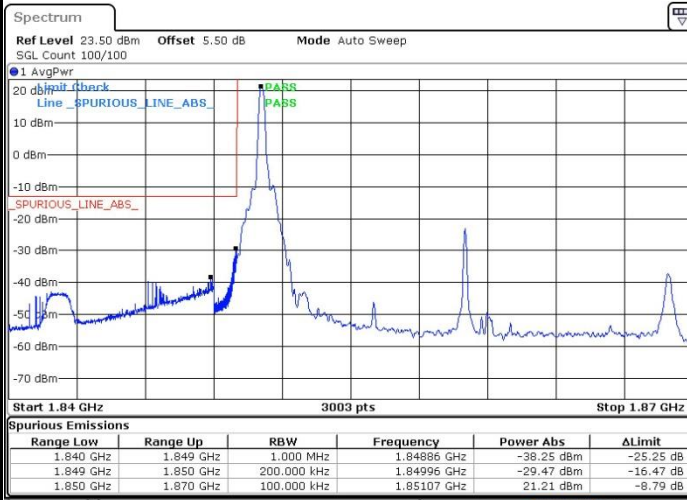


Date: 4 NOV.2021 22:20:17



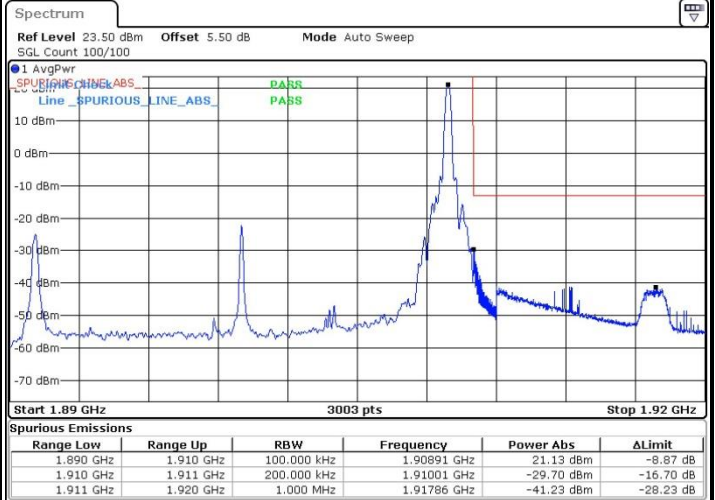
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



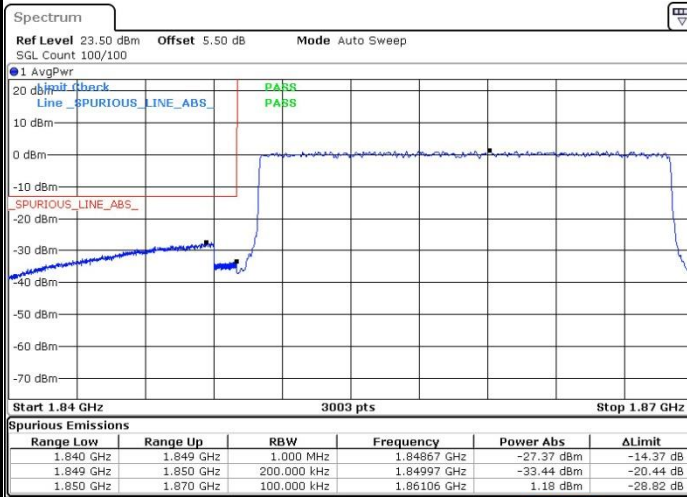
Date: 4 NOV.2021 22:15:22

Highest Band Edge / 1 RB



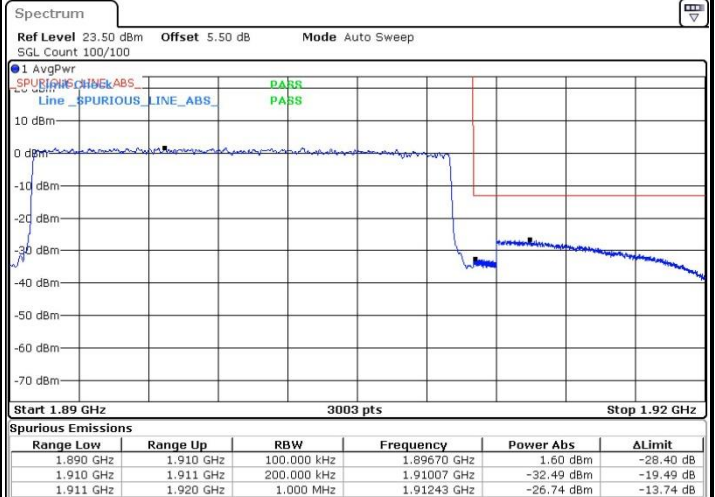
Date: 4 NOV.2021 22:19:18

Lowest Band Edge / Full RB



Date: 4 NOV.2021 22:17:20

Highest Band Edge / Full RB

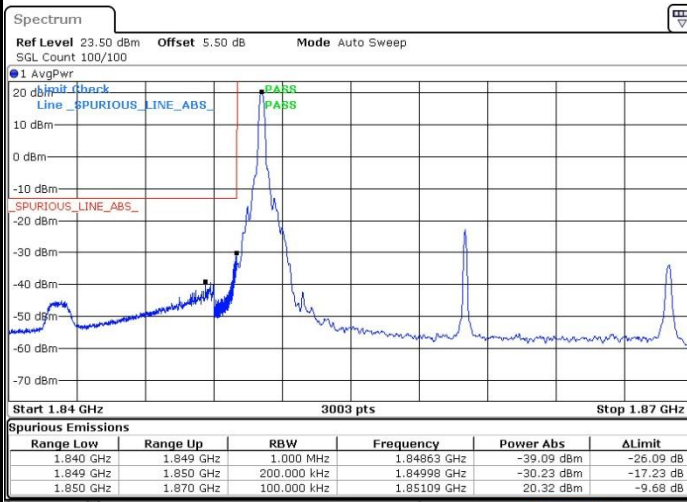


Date: 4 NOV.2021 22:21:16



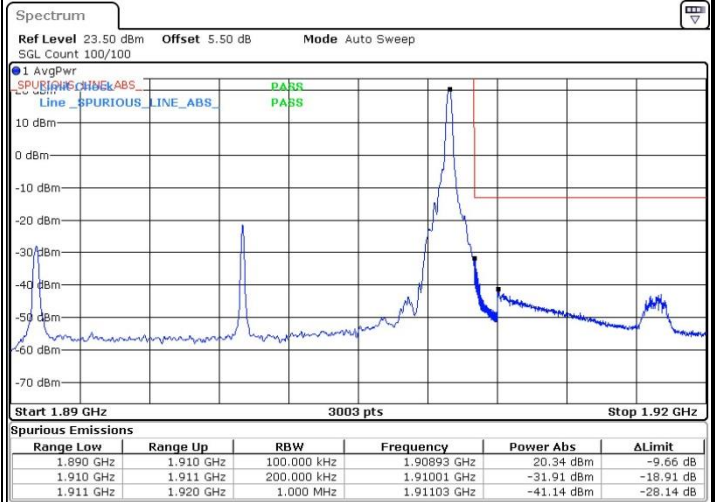
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



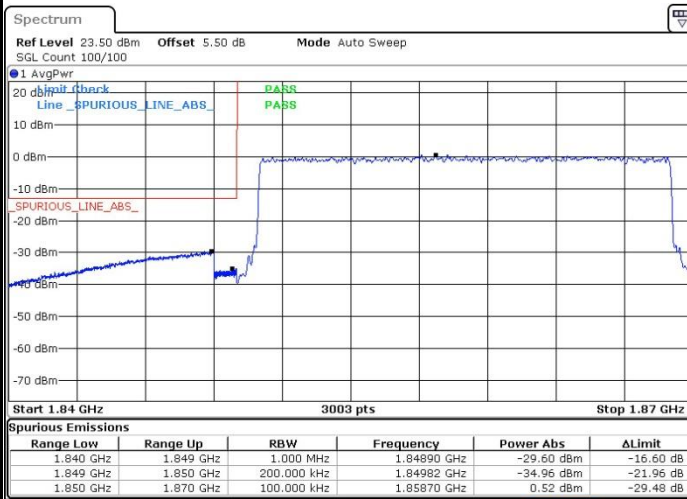
Date: 4 NOV.2021 23:03:00

Highest Band Edge / 1 RB



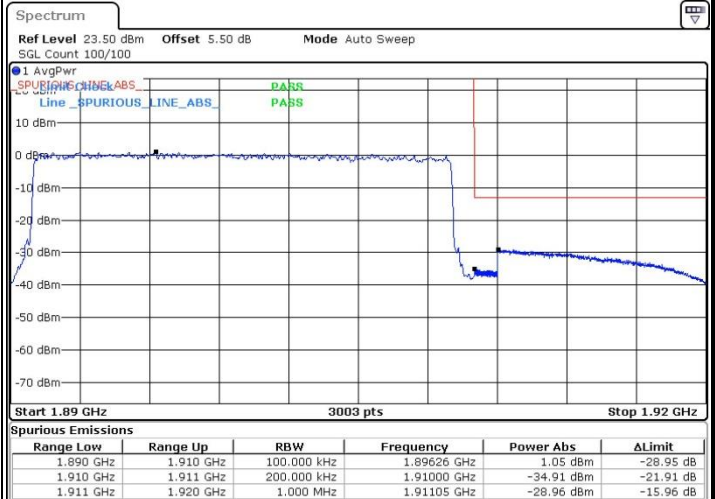
Date: 4 NOV.2021 23:05:57

Lowest Band Edge / Full RB



Date: 4 NOV.2021 23:03:59

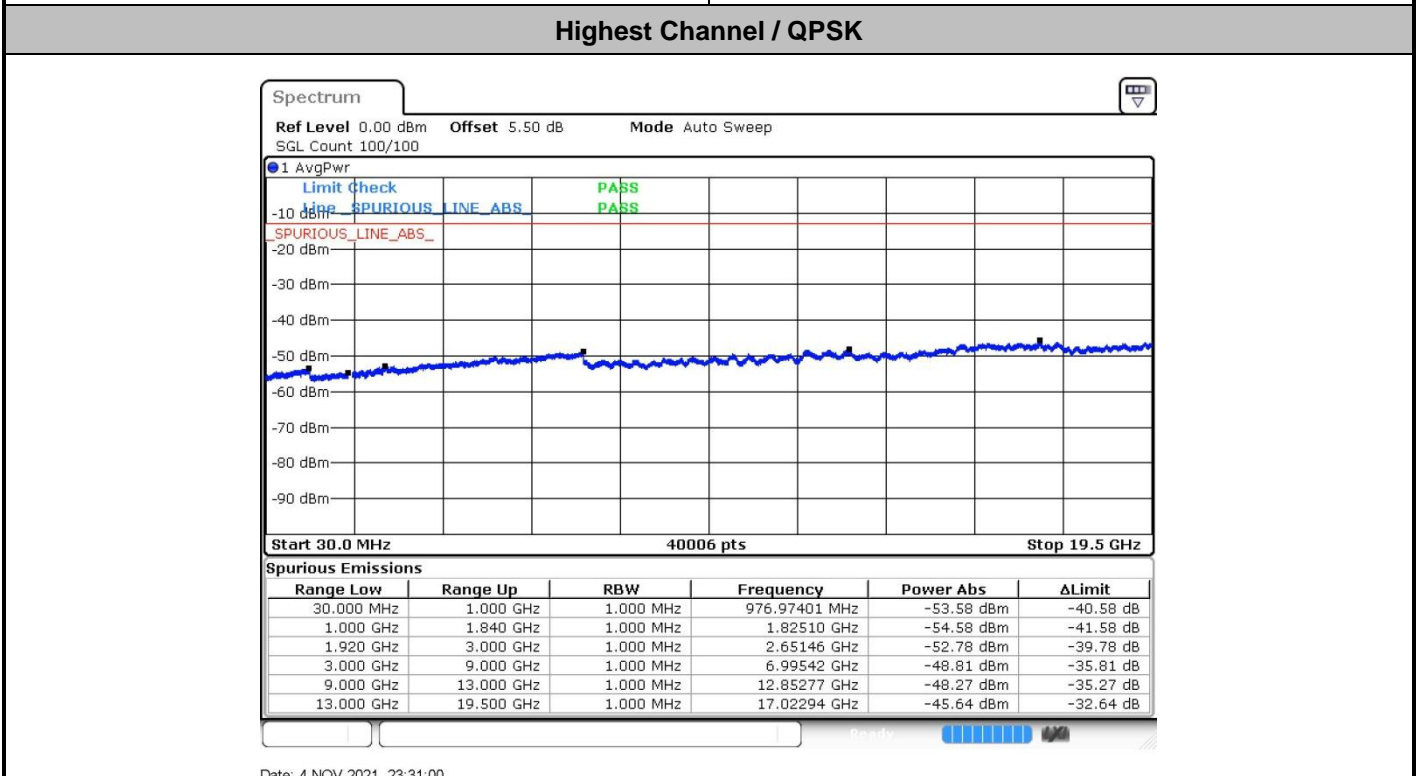
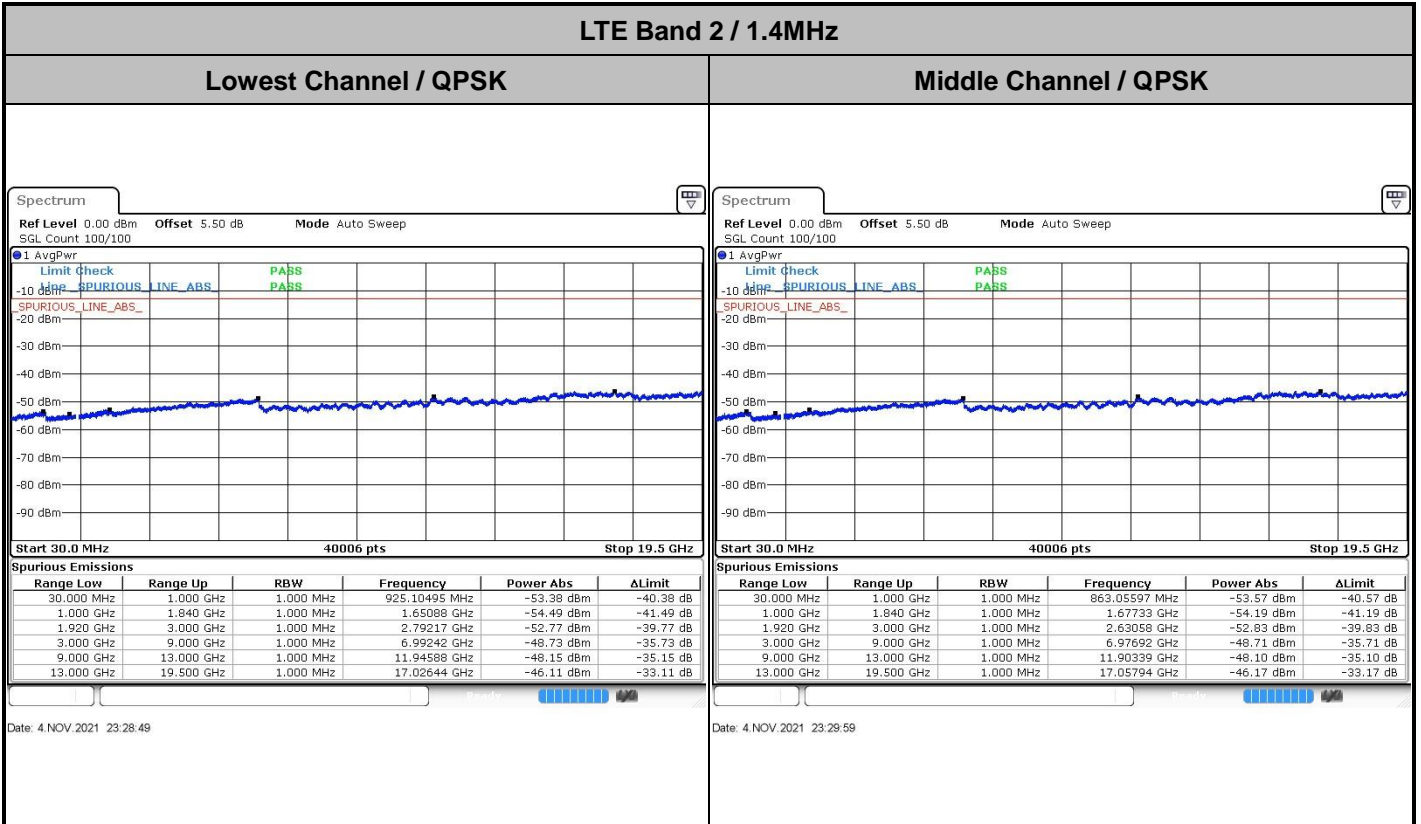
Highest Band Edge / Full RB



Date: 4 NOV.2021 23:04:58



Conducted Spurious Emission

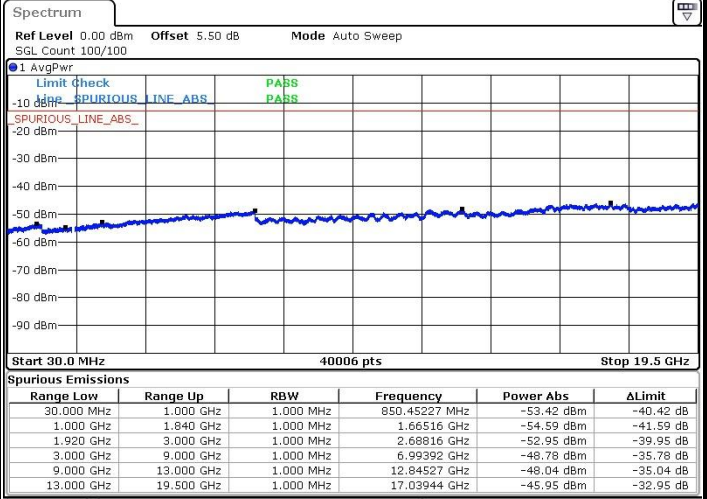
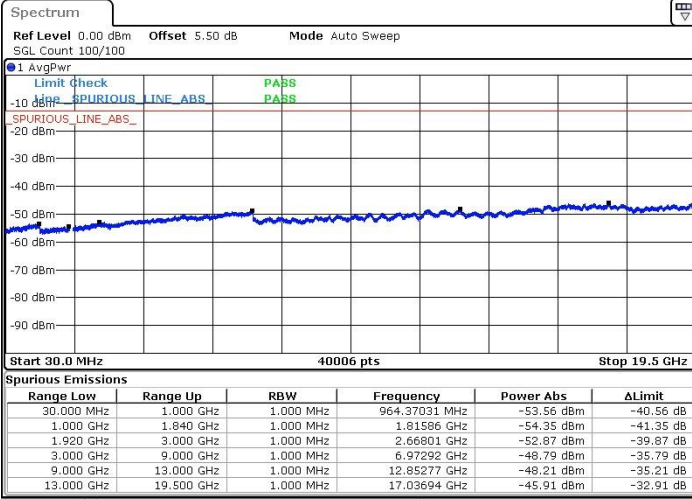




LTE Band 2 / 3MHz

Lowest Channel / QPSK

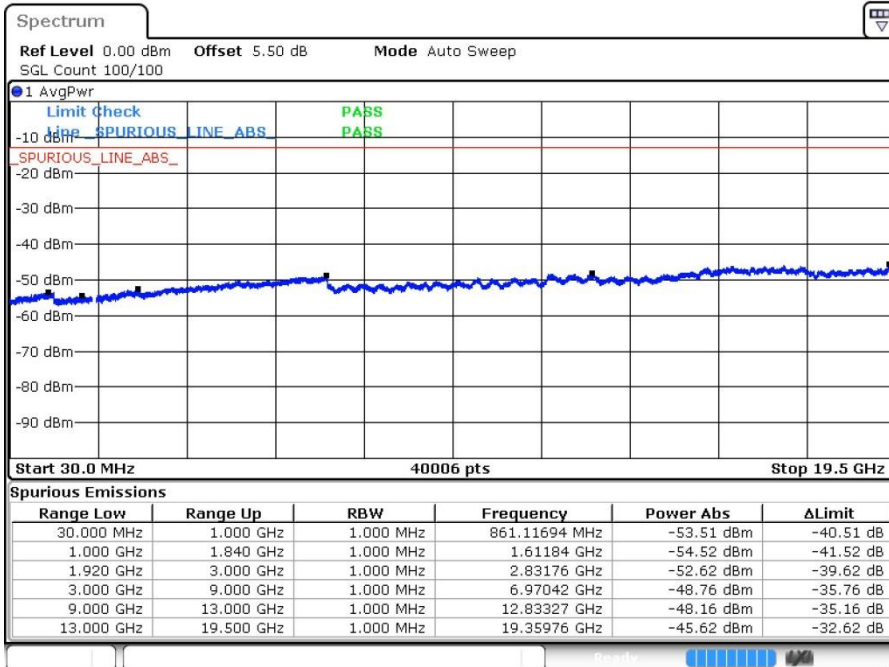
Middle Channel / QPSK



Date: 4 NOV 2021 23:25:18

Date: 4 NOV 2021 23:26:16

Highest Channel / QPSK



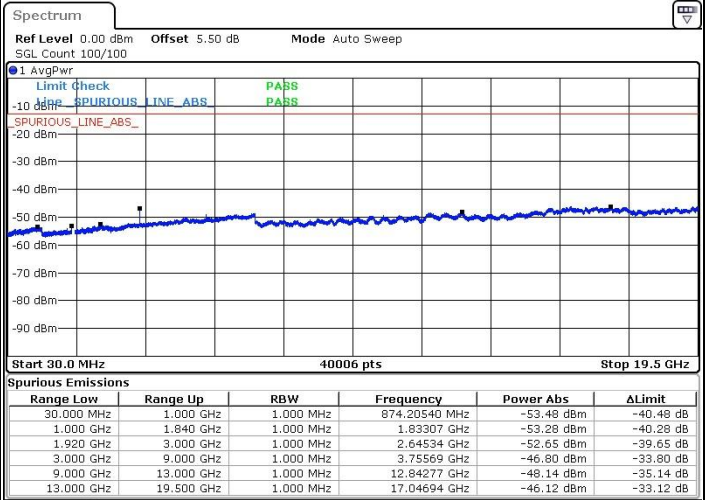
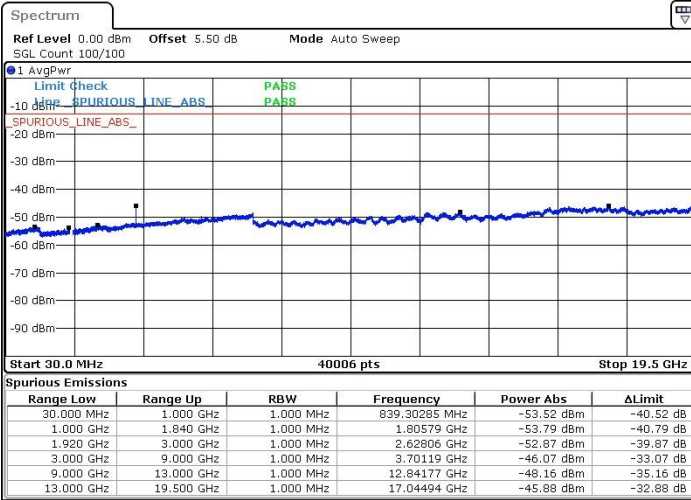
Date: 4 NOV 2021 23:27:32



LTE Band 2 / 5MHz

Lowest Channel / QPSK

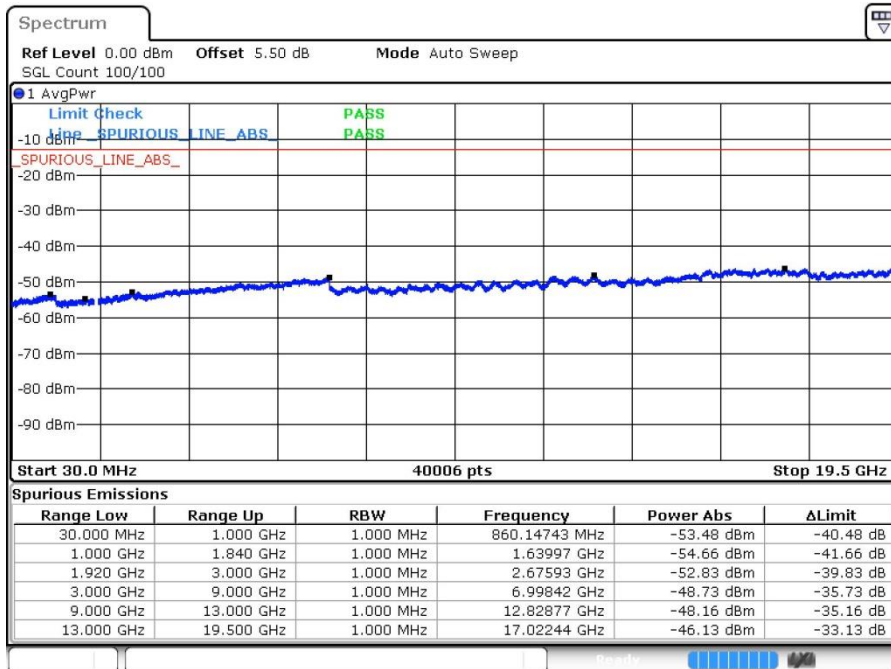
Middle Channel / QPSK



Date: 4 NOV 2021 23:21:02

Date: 4 NOV 2021 23:22:03

Highest Channel / QPSK



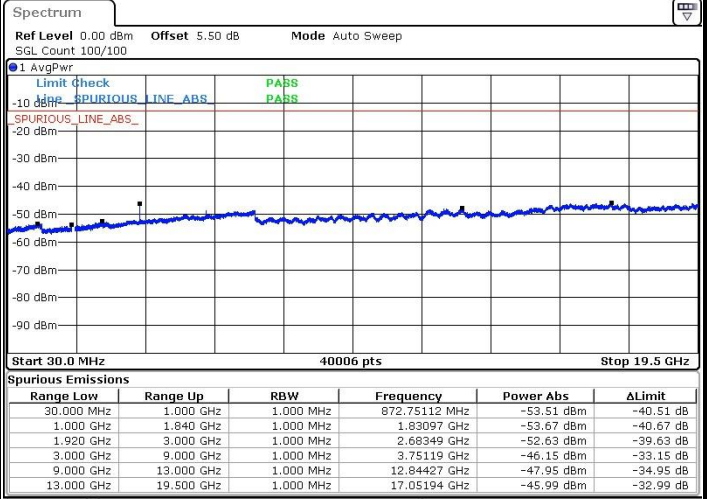
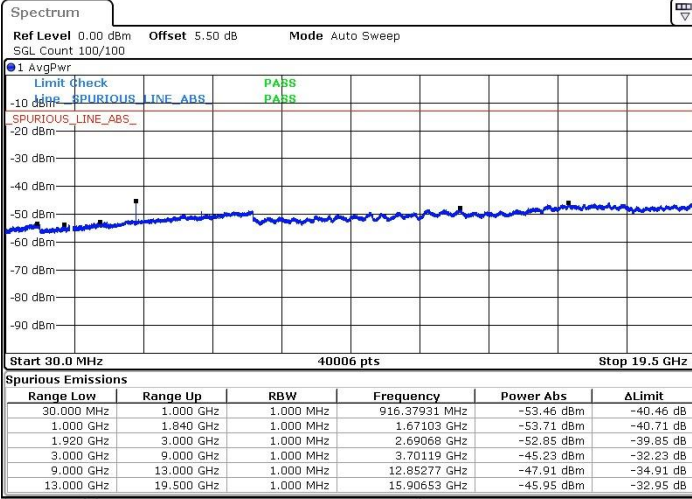
Date: 4 NOV 2021 23:24:11



LTE Band 2 / 10MHz

Lowest Channel / QPSK

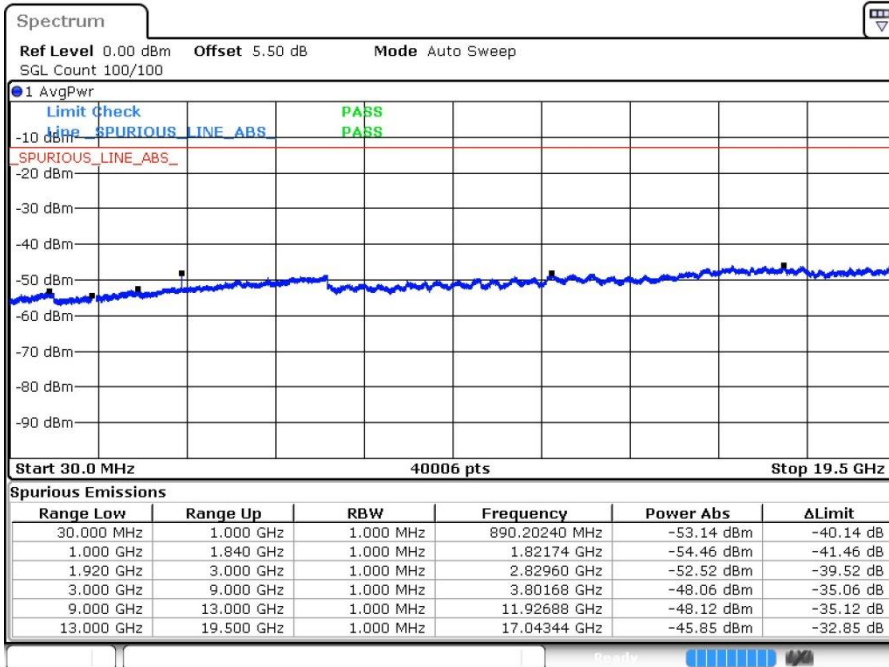
Middle Channel / QPSK



Date: 4 NOV 2021 23:18:24

Date: 4 NOV 2021 23:19:14

Highest Channel / QPSK



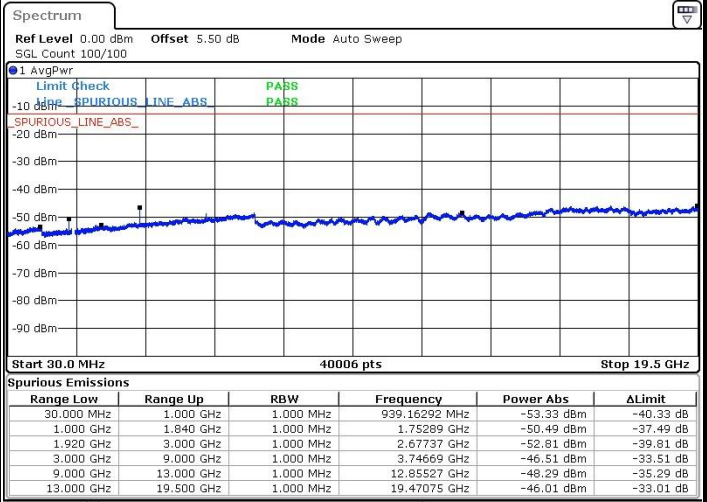
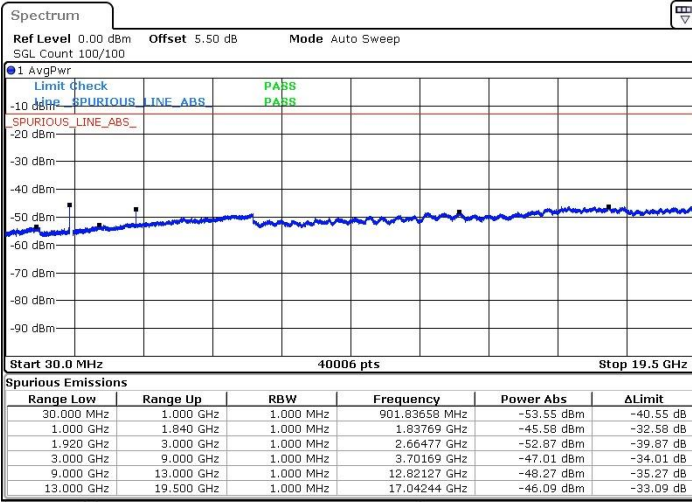
Date: 4 NOV 2021 23:20:03



LTE Band 2 / 15MHz

Lowest Channel / QPSK

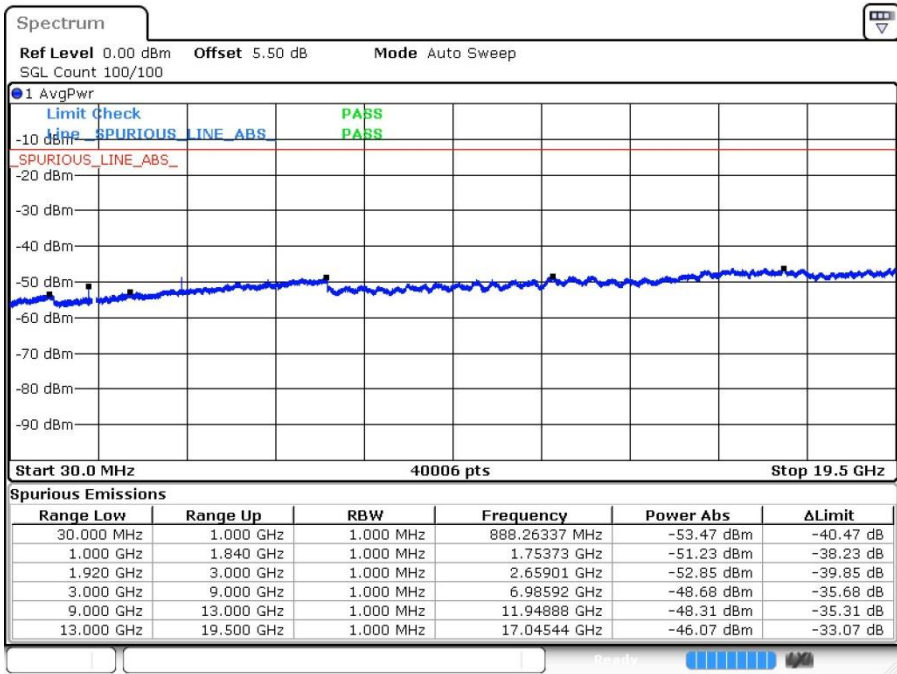
Middle Channel / QPSK



Date: 4 NOV 2021 23:15:29

Date: 4 NOV 2021 23:16:29

Highest Channel / QPSK

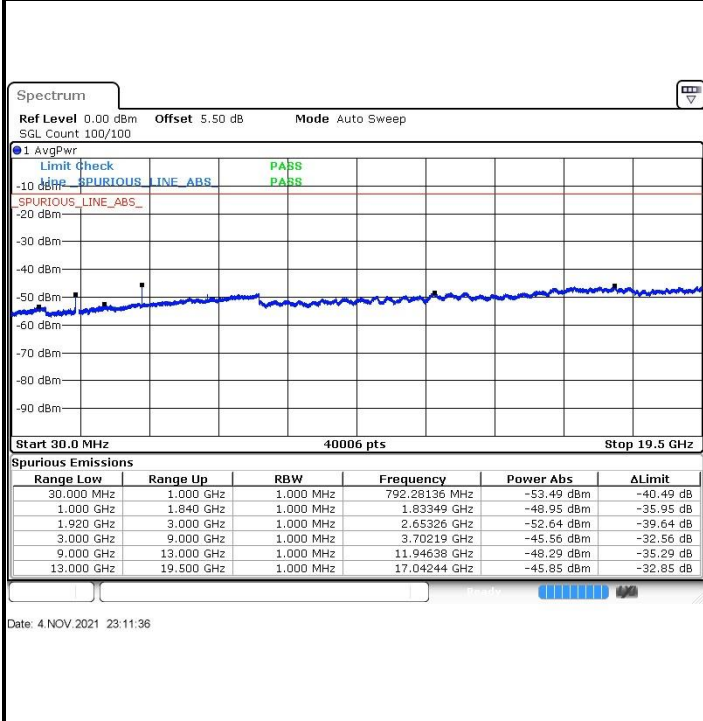


Date: 4 NOV 2021 23:17:31

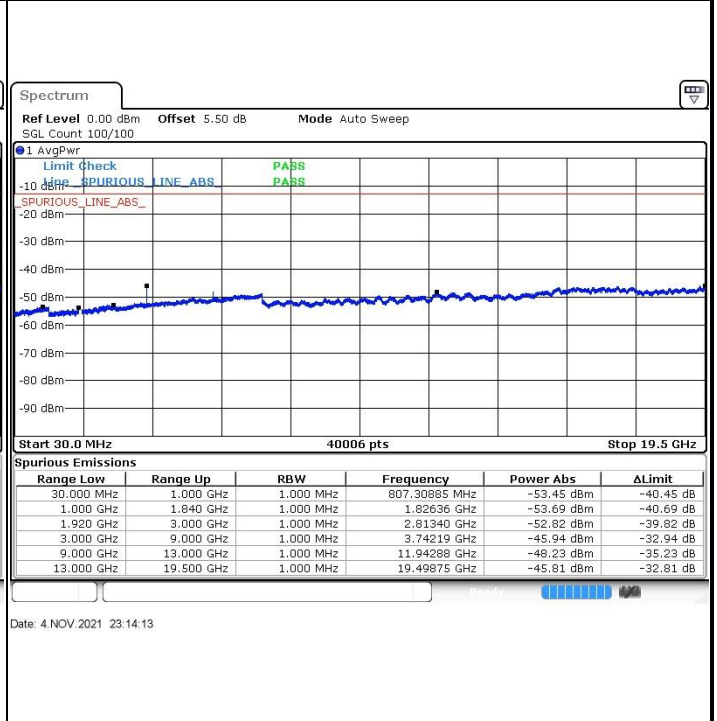


LTE Band 2 / 20MHz

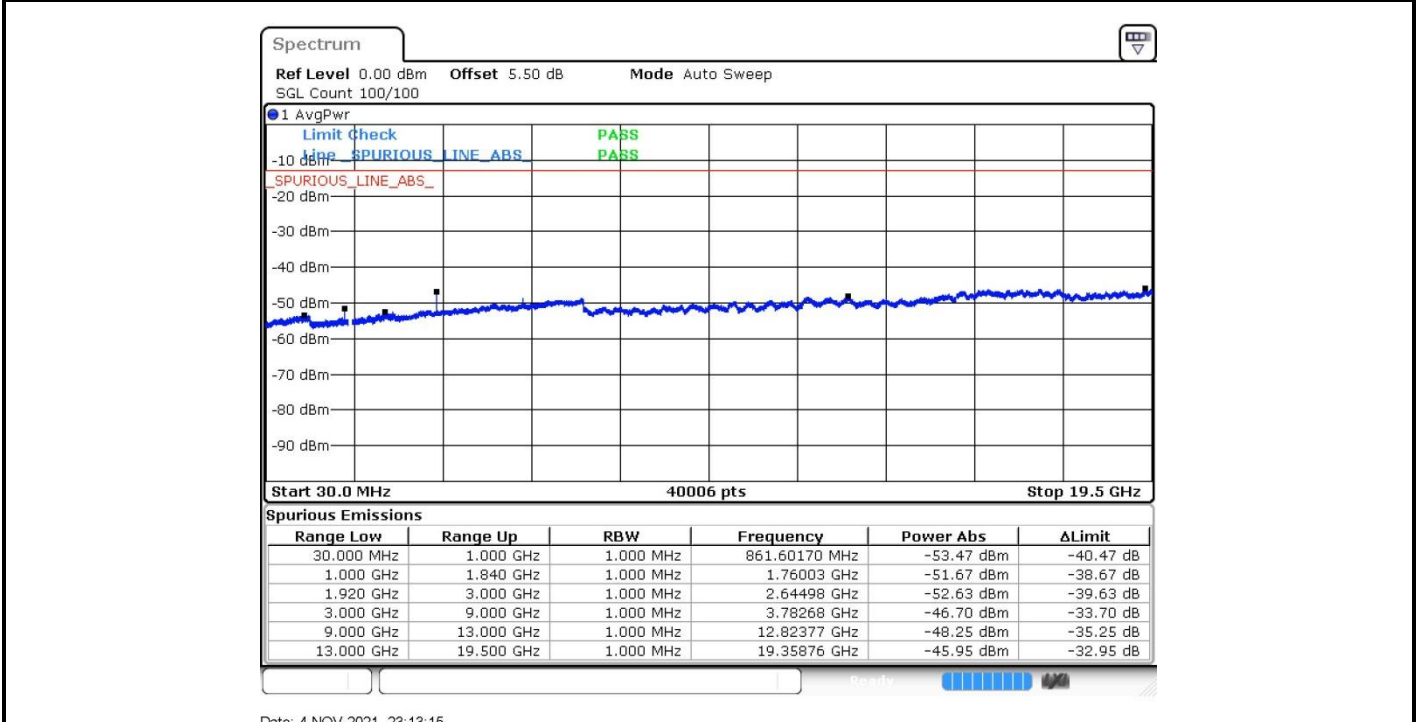
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK





Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0023	
20	Battery End Point	0.0015	

Note:

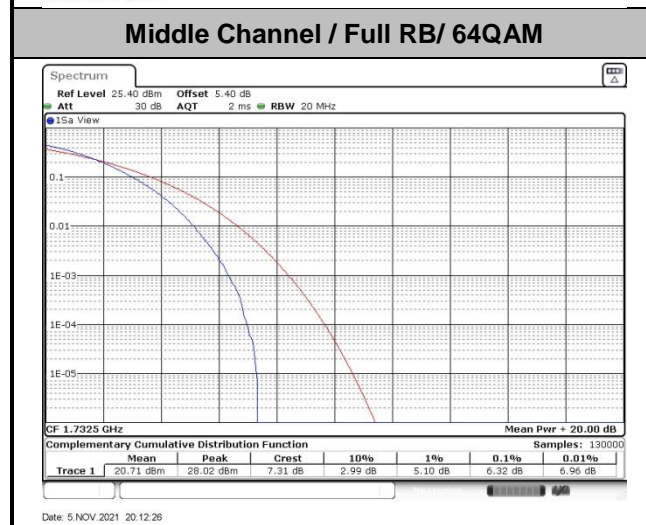
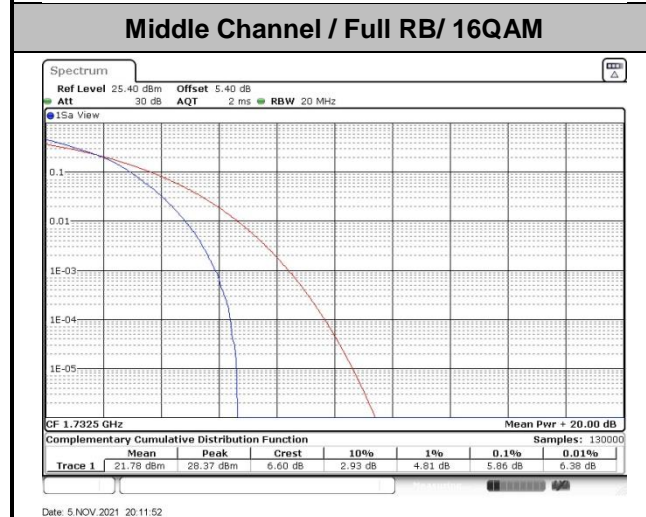
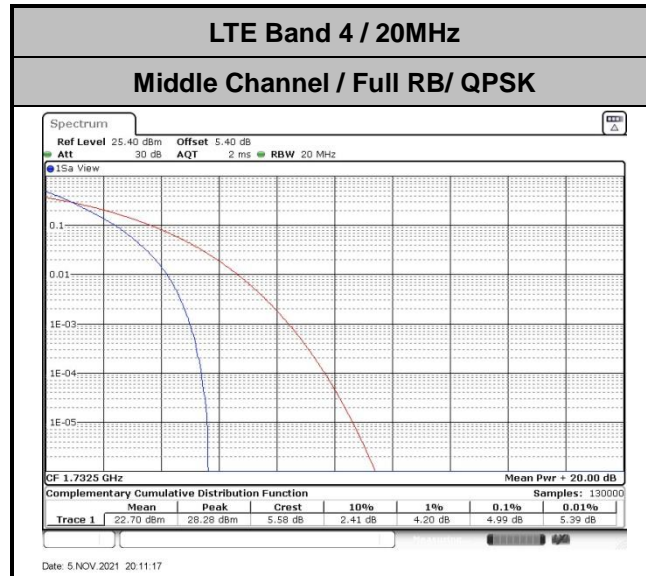
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 4

Peak-to-Average Ratio

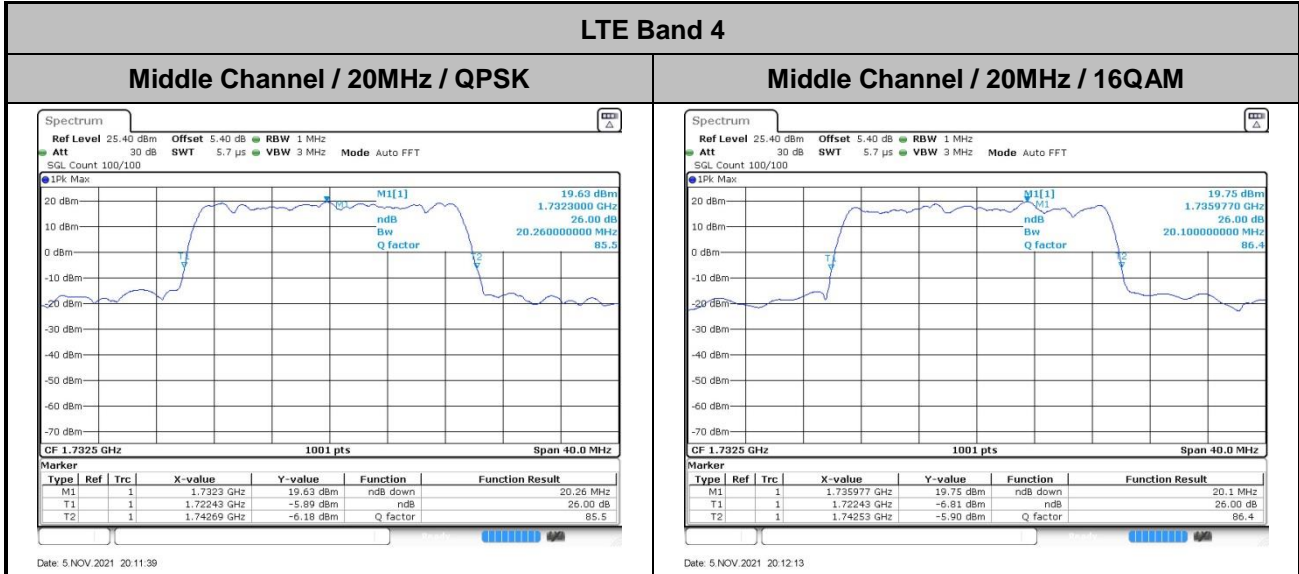
Mode	LTE Band 4 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.99	5.86	6.32	PASS





26dB Bandwidth

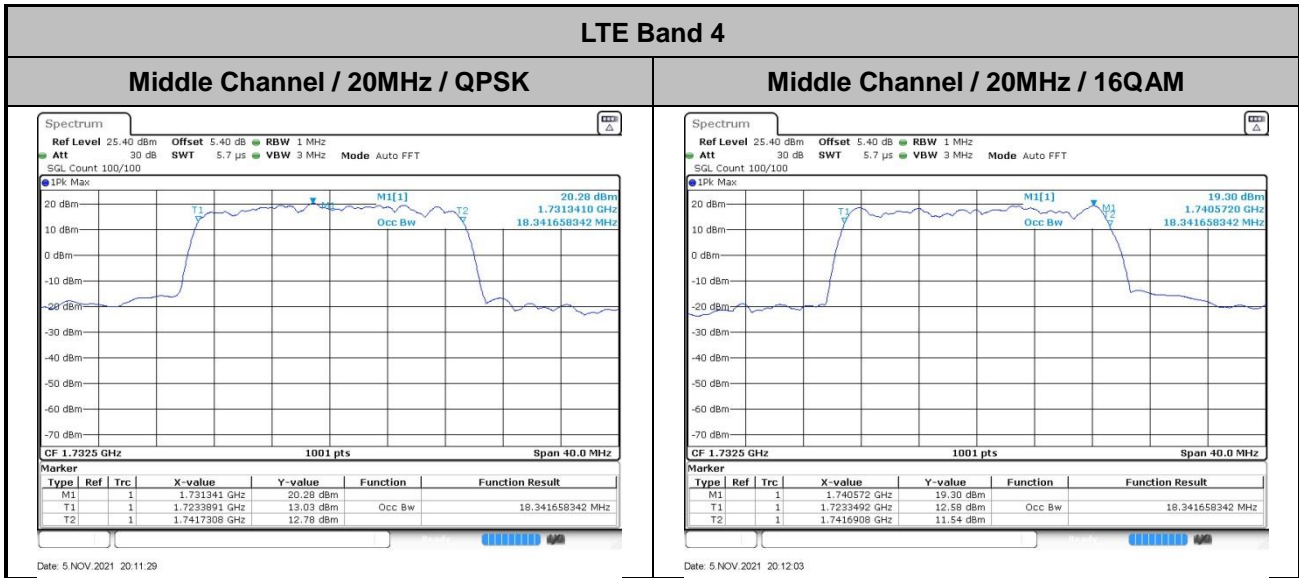
Mode	LTE Band 4 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.26	20.10





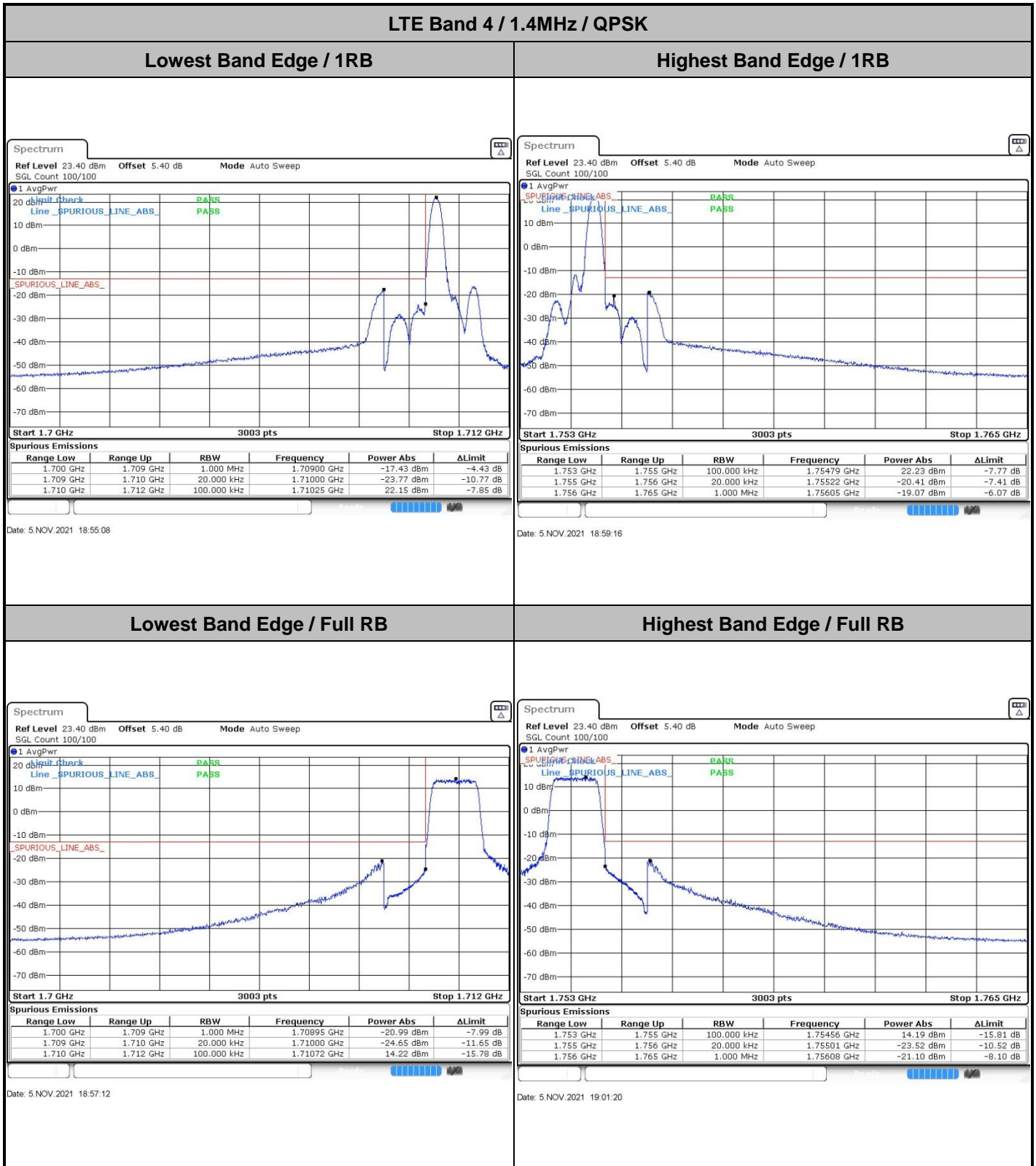
Occupied Bandwidth

Mode	LTE Band 4 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.34	18.34





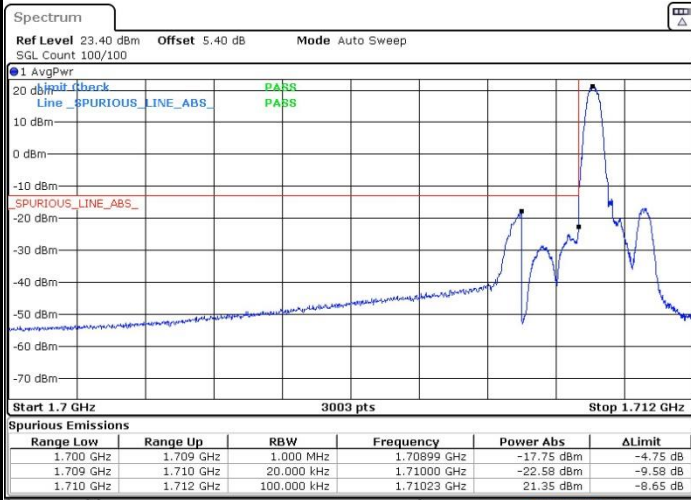
Conducted Band Edge





LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 5 NOV.2021 18:56:10

Highest Band Edge / 1 RB



Date: 5 NOV.2021 19:00:18

Lowest Band Edge / Full RB



Date: 5 NOV.2021 18:58:14

Highest Band Edge / Full RB

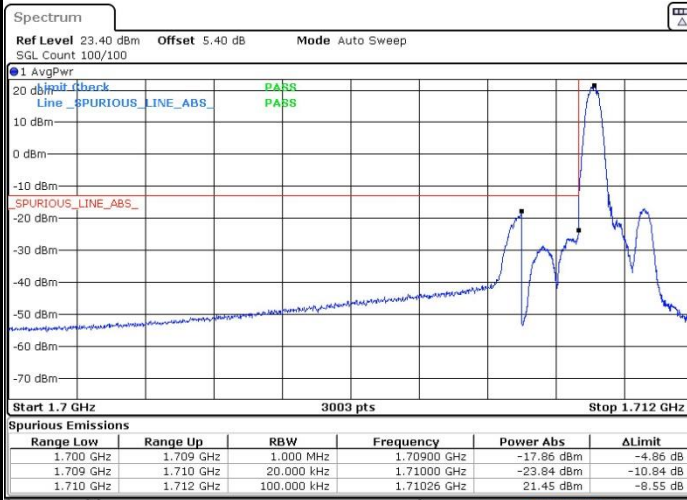


Date: 5 NOV.2021 19:02:22



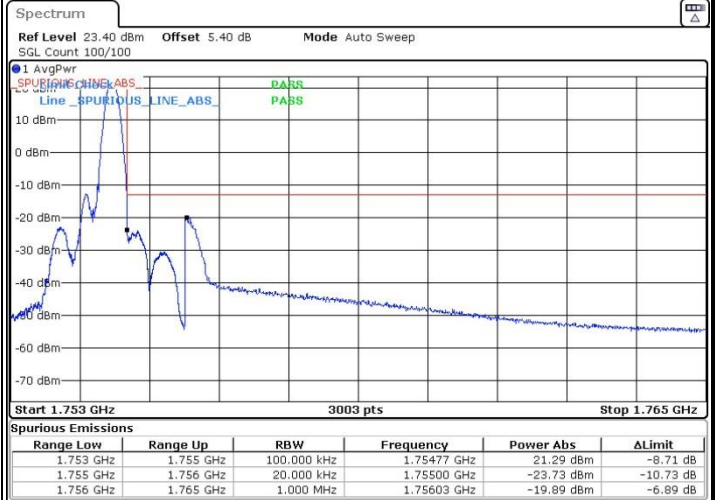
LTE Band 4 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



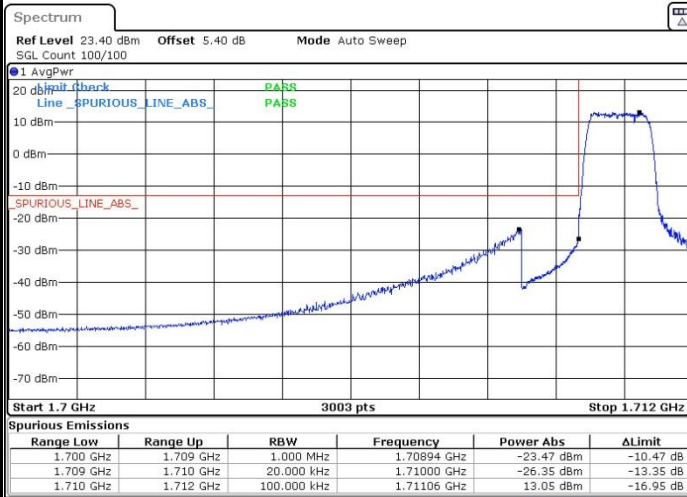
Date: 5 NOV.2021 19:46:22

Highest Band Edge / 1 RB



Date: 5 NOV.2021 19:46:25

Lowest Band Edge / Full RB



Date: 5 NOV.2021 19:47:23

Highest Band Edge / Full RB

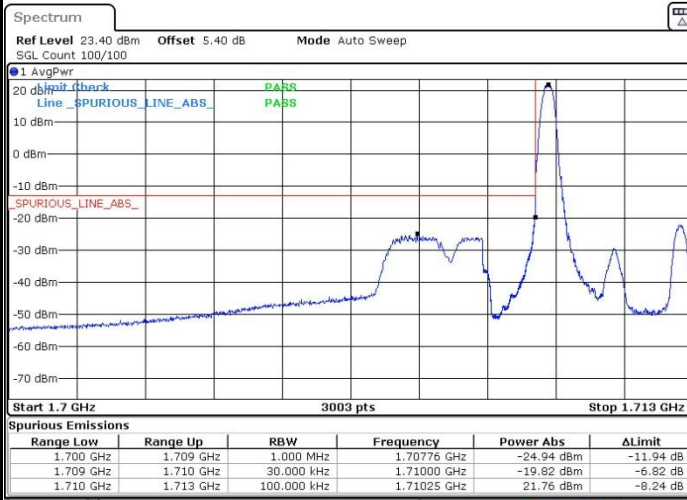


Date: 5 NOV.2021 19:49:27



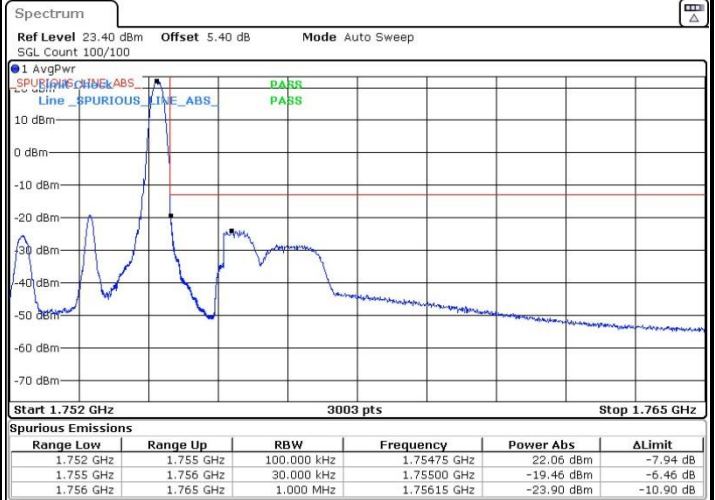
LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB



Date: 5 NOV.2021 19:03:21

Highest Band Edge / 1 RB



Date: 5 NOV.2021 19:07:16

Lowest Band Edge / Full RB



Date: 5 NOV.2021 19:05:18

Highest Band Edge / Full RB



Date: 5 NOV.2021 19:09:13