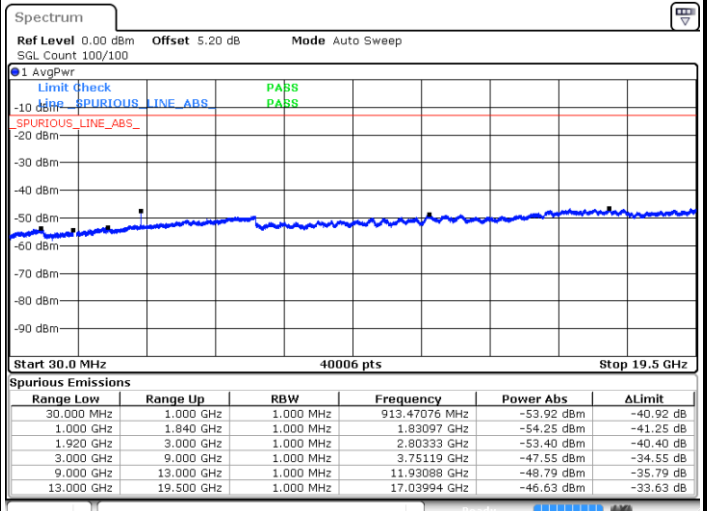
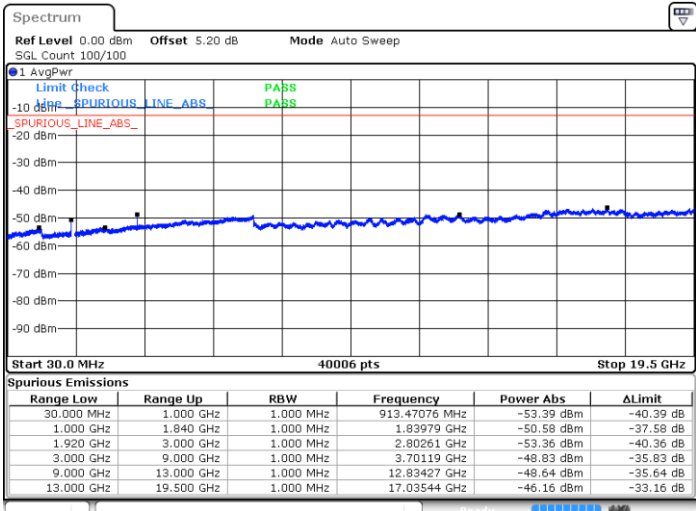




LTE Band 2 / 10MHz

Lowest Channel / QPSK

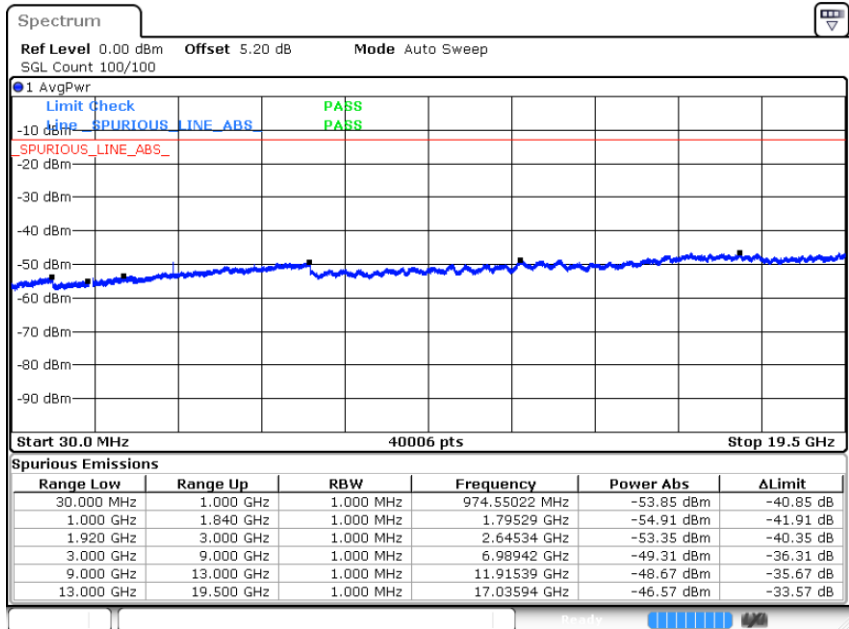
Middle Channel / QPSK



Date: 28.MAY.2021 06:46:16

Date: 28.MAY.2021 06:47:37

Highest Channel / QPSK

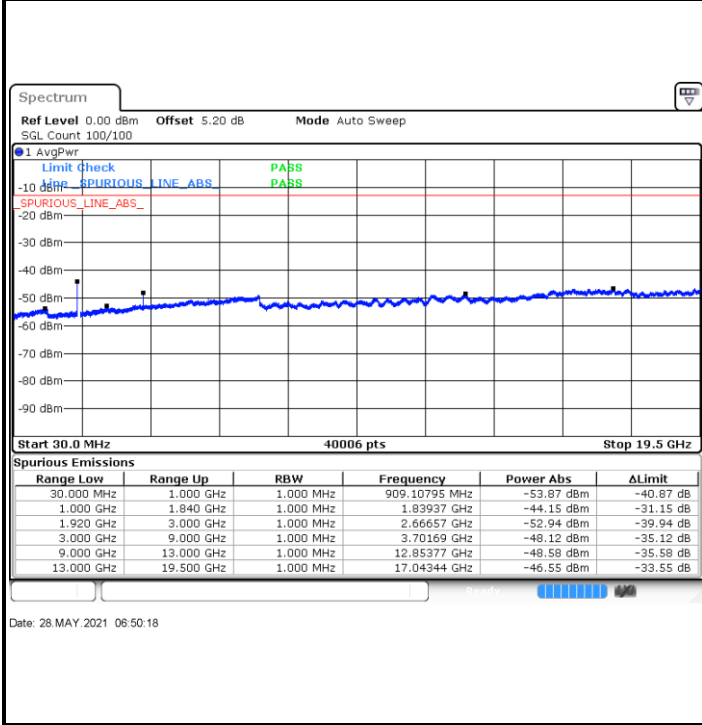


Date: 28.MAY.2021 06:48:57

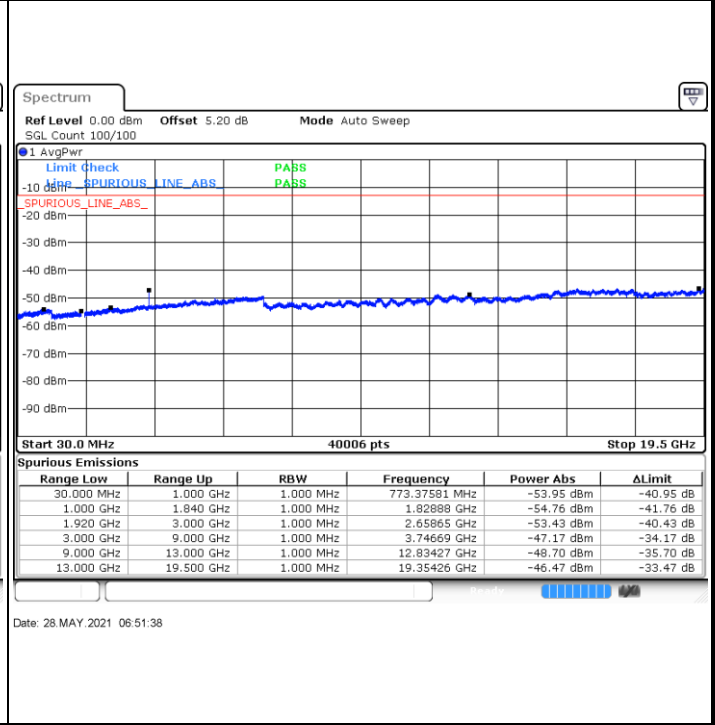


LTE Band 2 / 15MHz

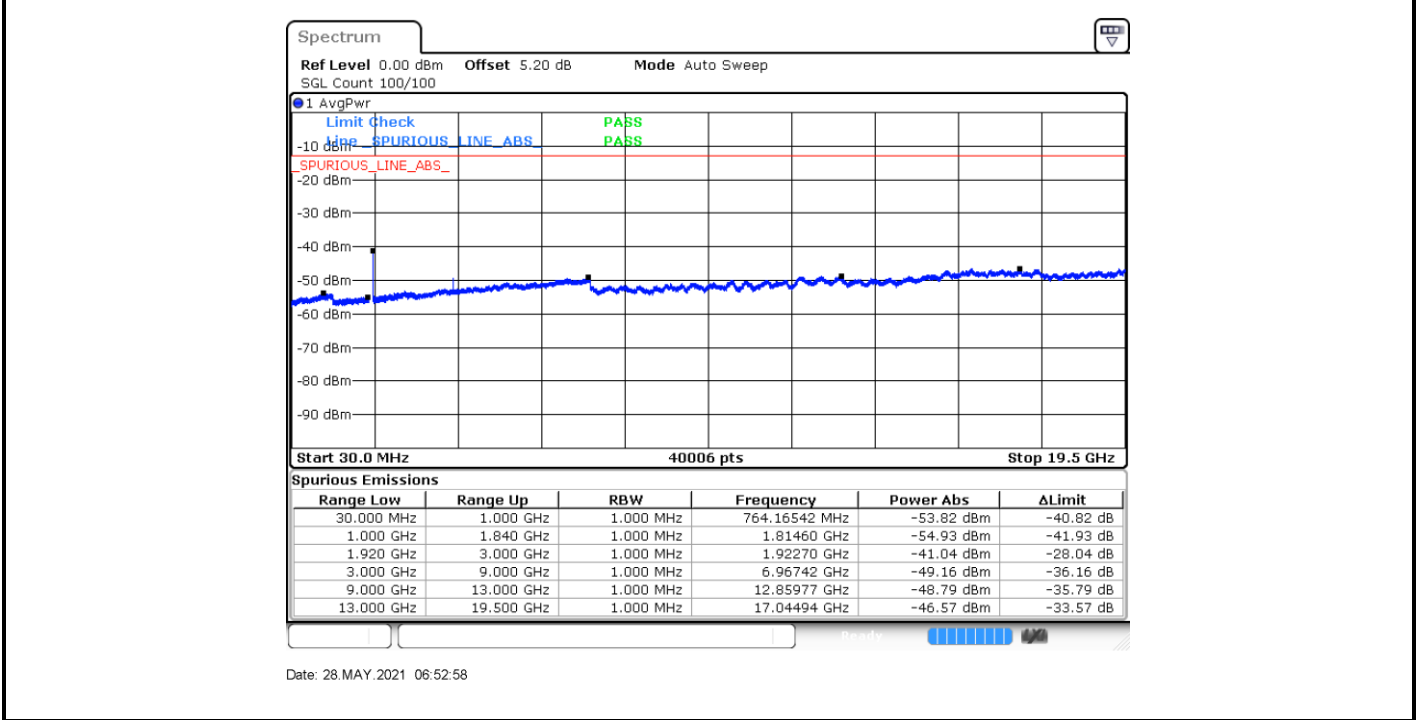
Lowest Channel / QPSK



Middle Channel / QPSK



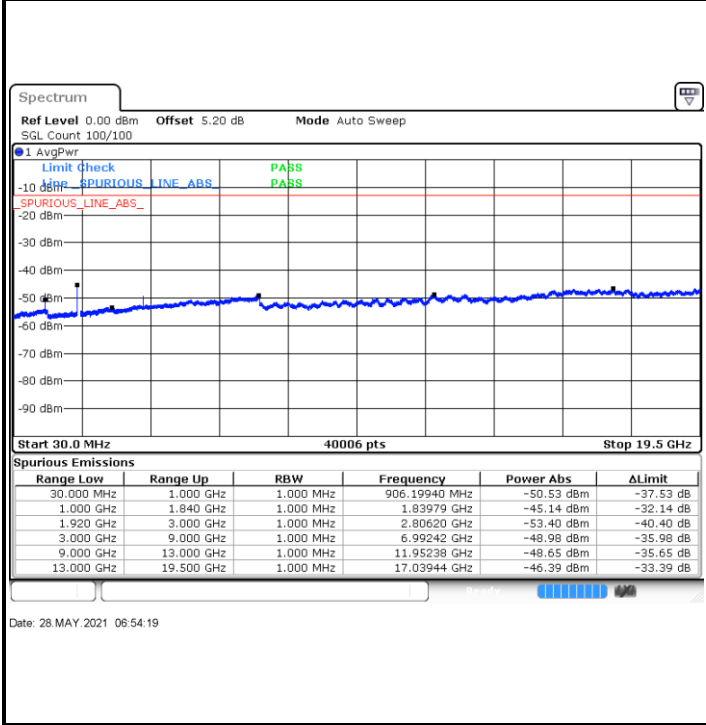
Highest Channel / QPSK



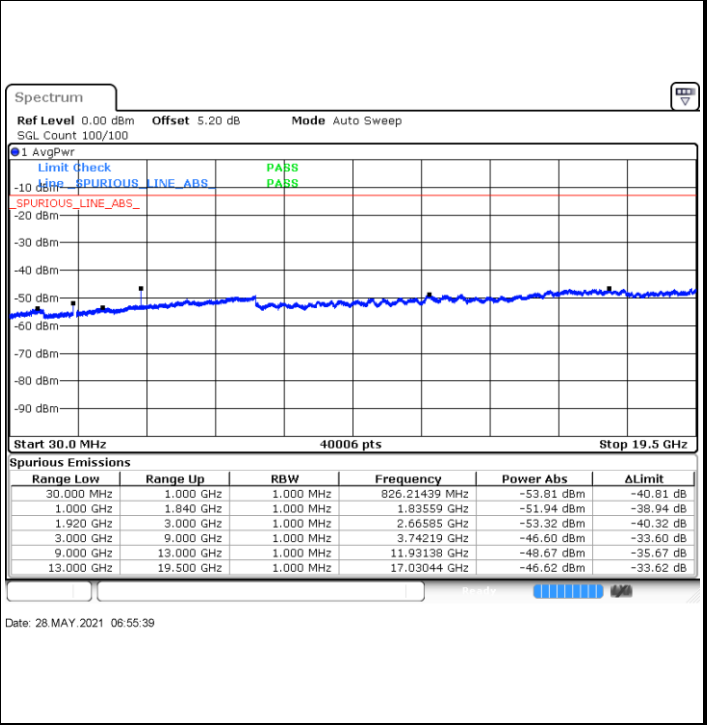


LTE Band 2 / 20MHz

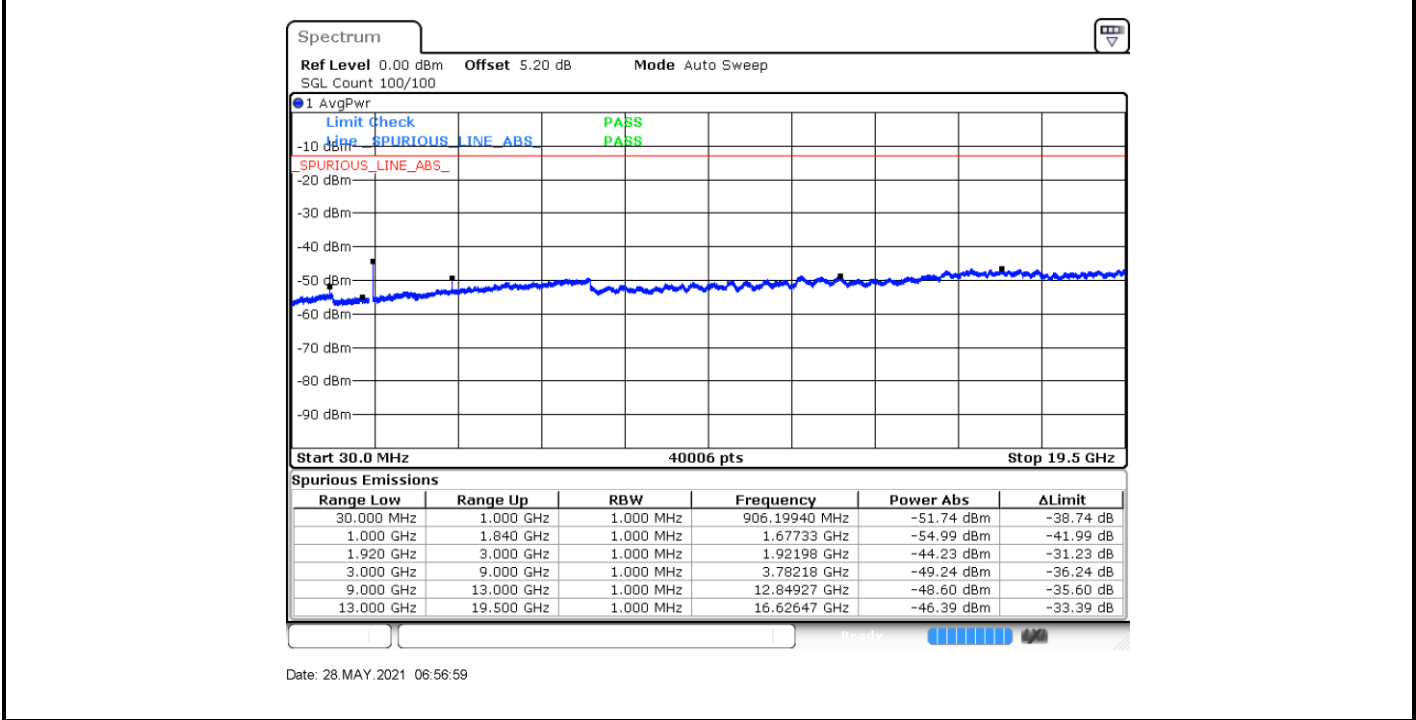
Lowest Channel / QPSK



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	0.0012	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0001	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0027	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0030	
20	Normal Voltage	0.0029	
20	Battery End Point	0.0021	

Note:

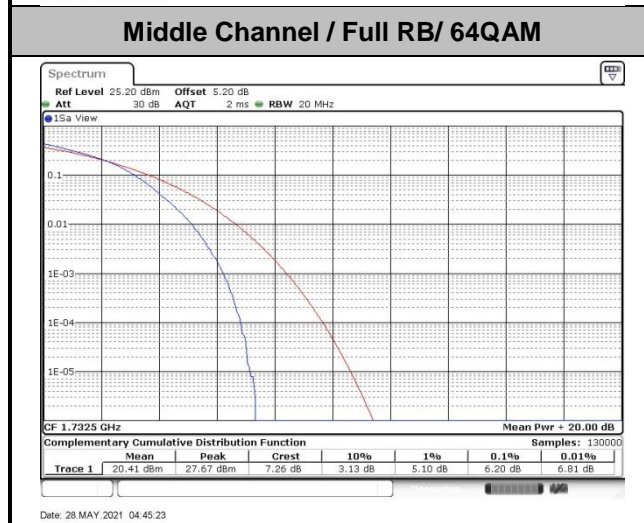
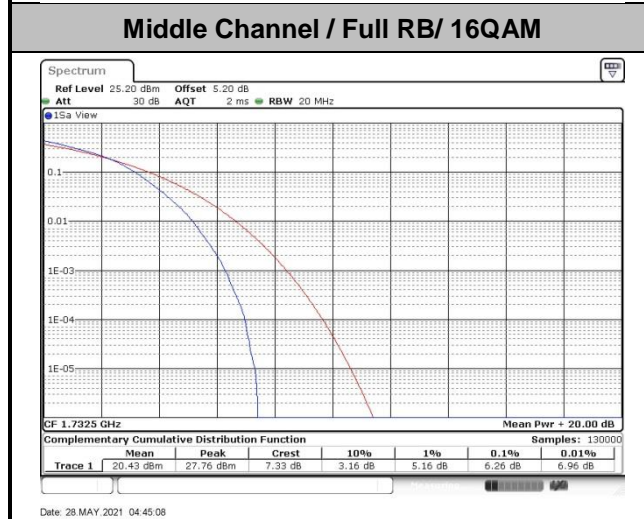
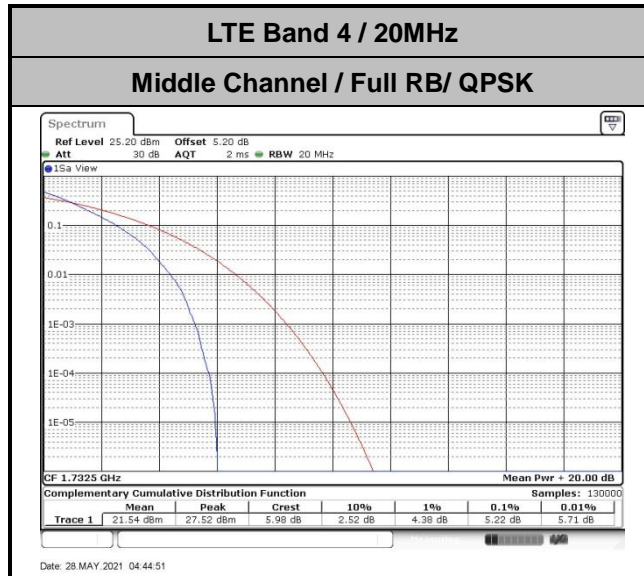
1. Normal Voltage =4.2 V. ; Battery End Point (BEP) =3.8V. ; Maximum Voltage =4.43 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 4

Peak-to-Average Ratio

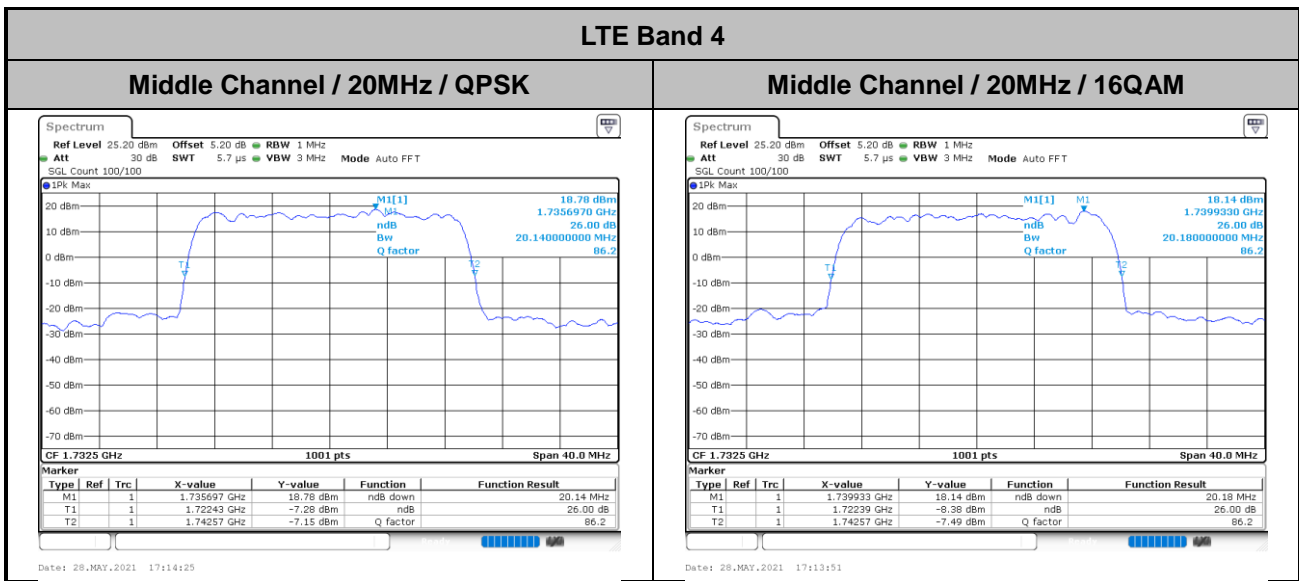
Mode	LTE Band 4 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.22	6.26	6.20	PASS





26dB Bandwidth

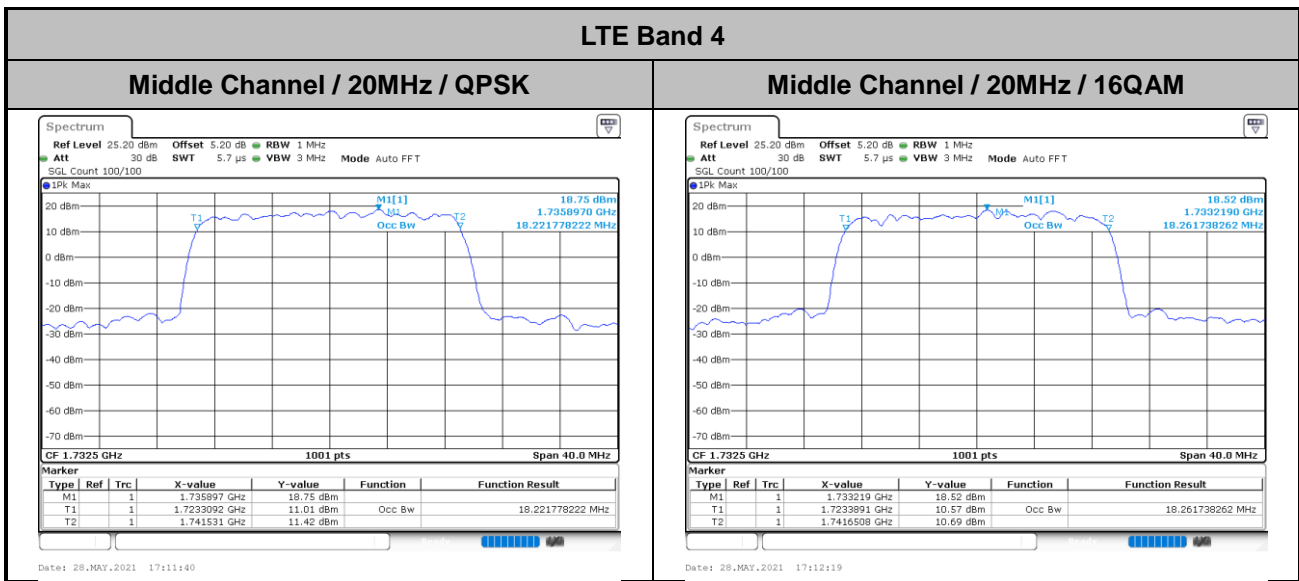
Mode	LTE Band 4 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.14	20.18





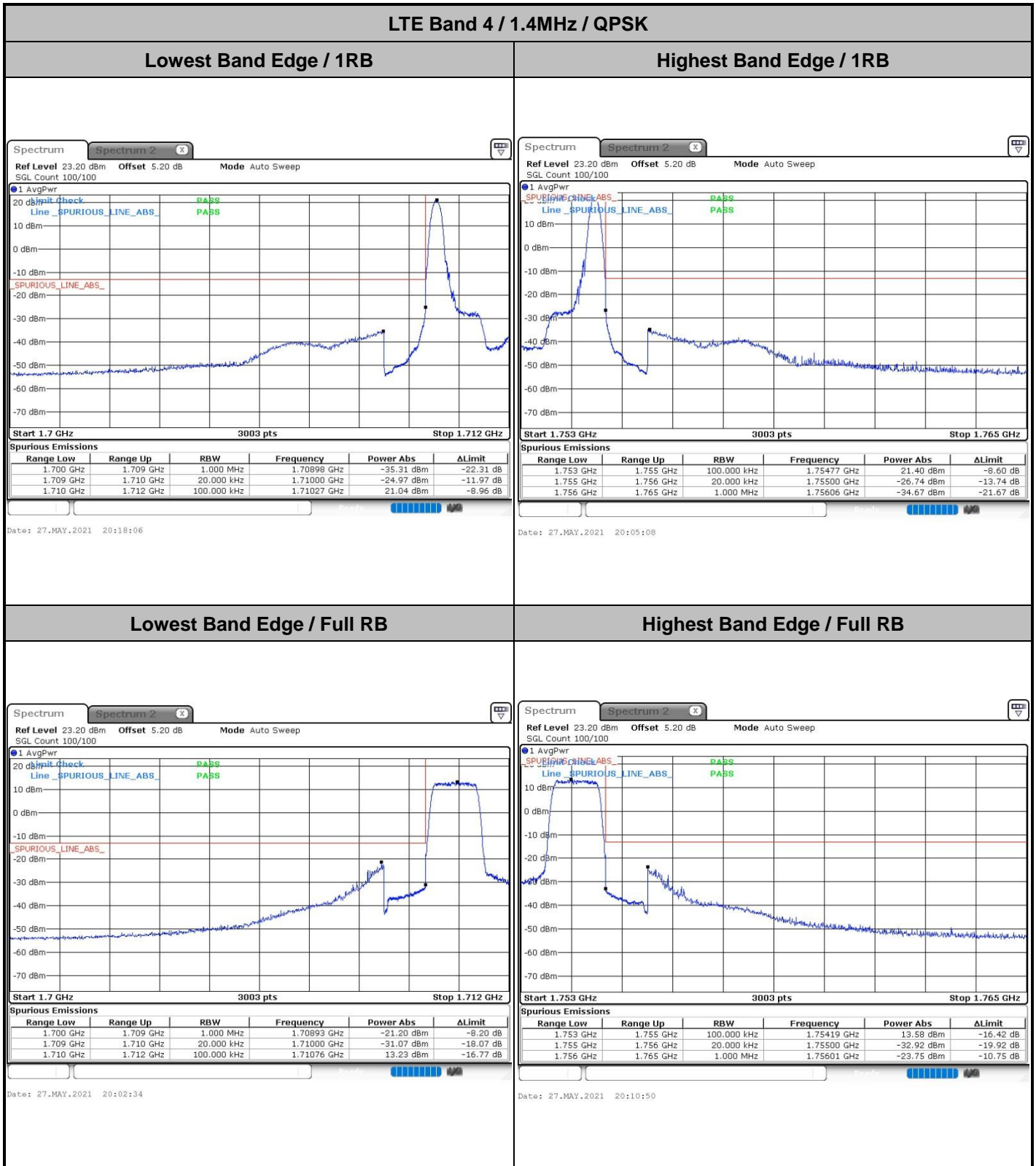
Occupied Bandwidth

Mode	LTE Band 4 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.22	18.26





Conducted Band Edge



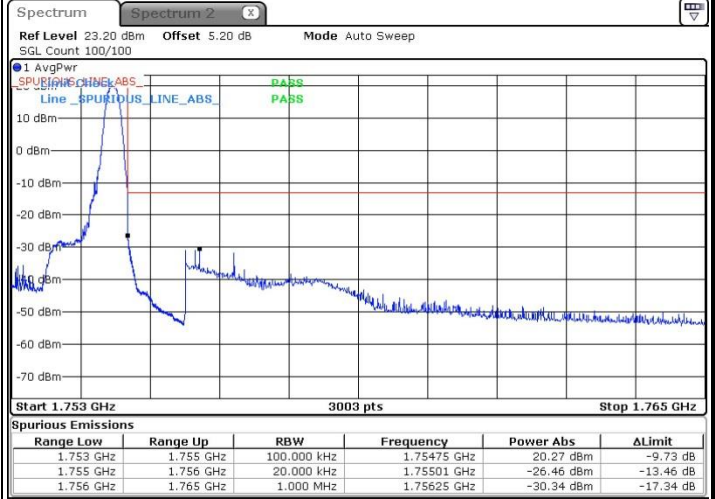


LTE Band 4 / 1.4MHz / 16QAM

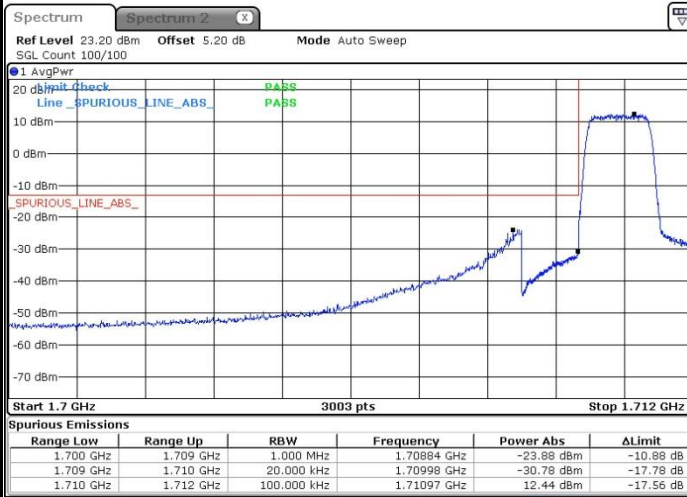
Lowest Band Edge / 1 RB



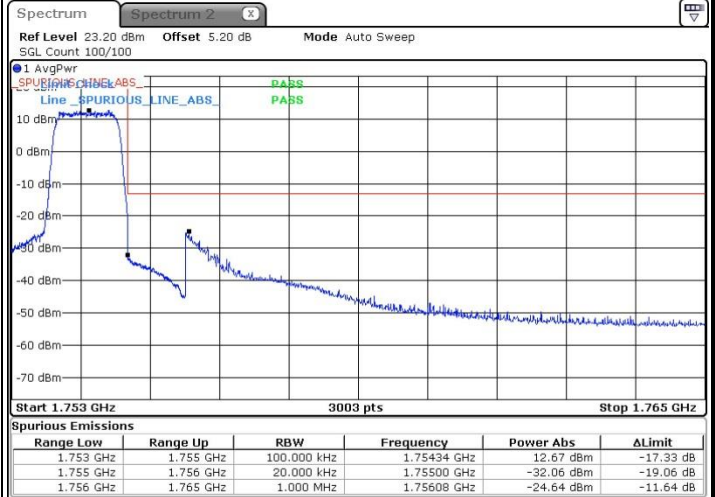
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





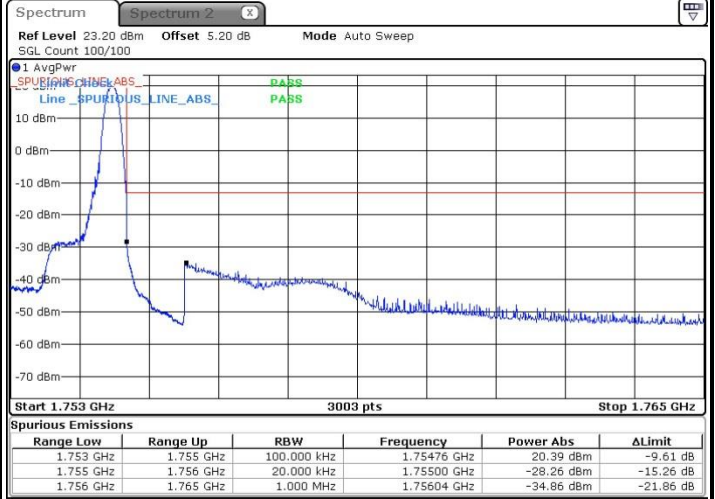
LTE Band 4 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



Date: 27.MAY.2021 19:58:29

Highest Band Edge / 1 RB



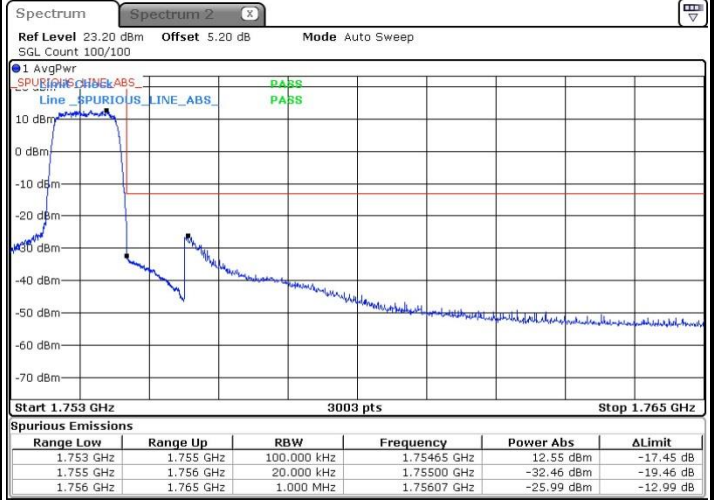
Date: 27.MAY.2021 20:07:30

Lowest Band Edge / Full RB



Date: 27.MAY.2021 19:59:58

Highest Band Edge / Full RB

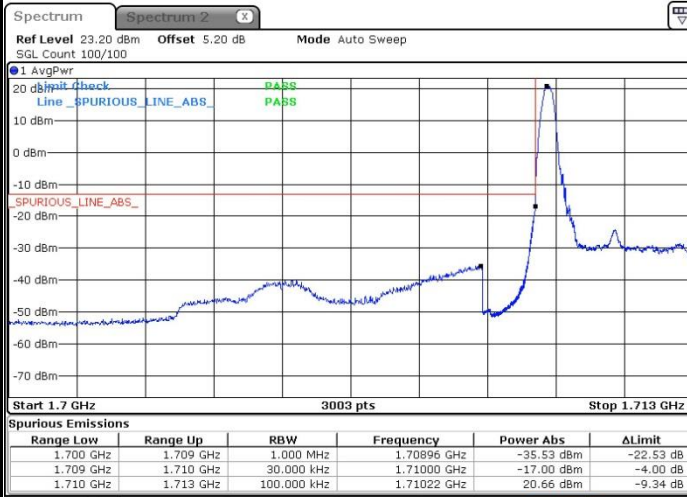


Date: 27.MAY.2021 20:08:37

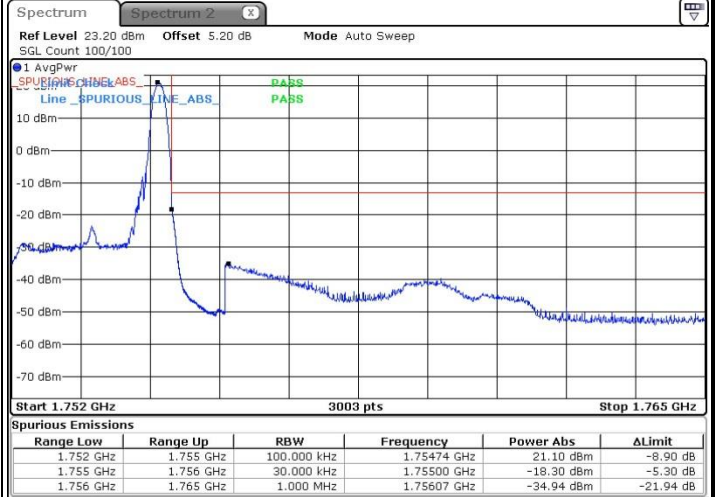


LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



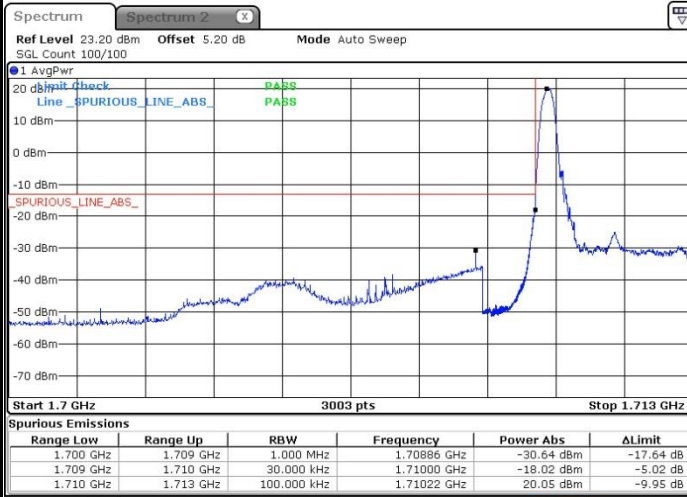
Highest Band Edge / Full RB



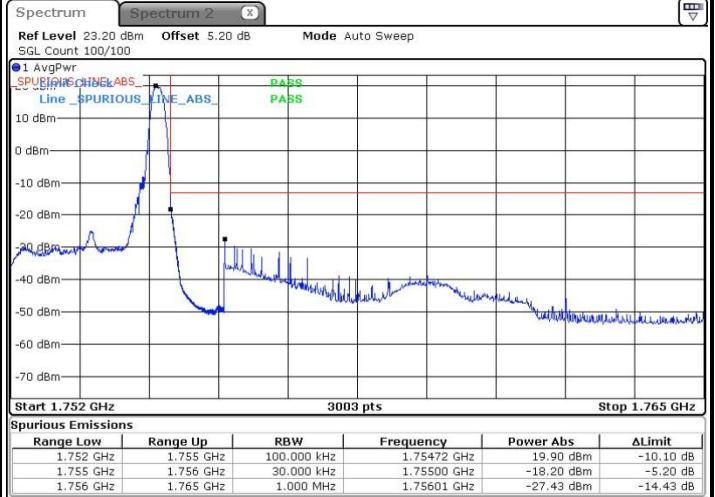


LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



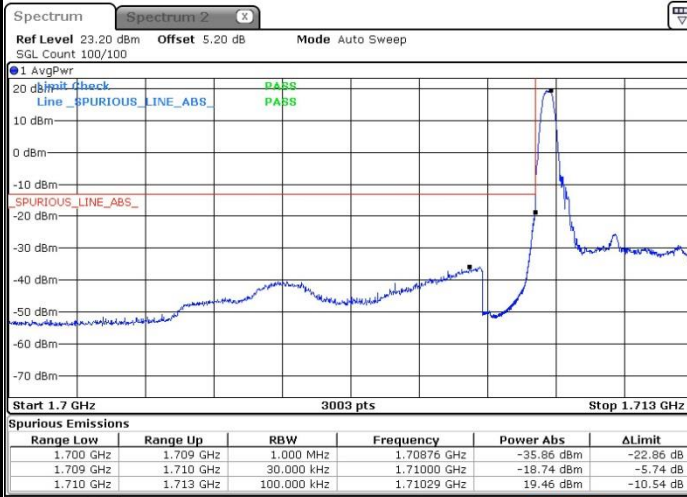
Highest Band Edge / Full RB



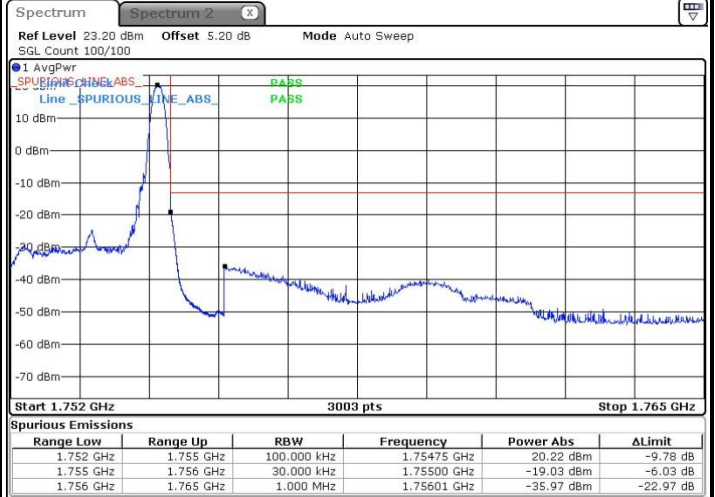


LTE Band 4 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



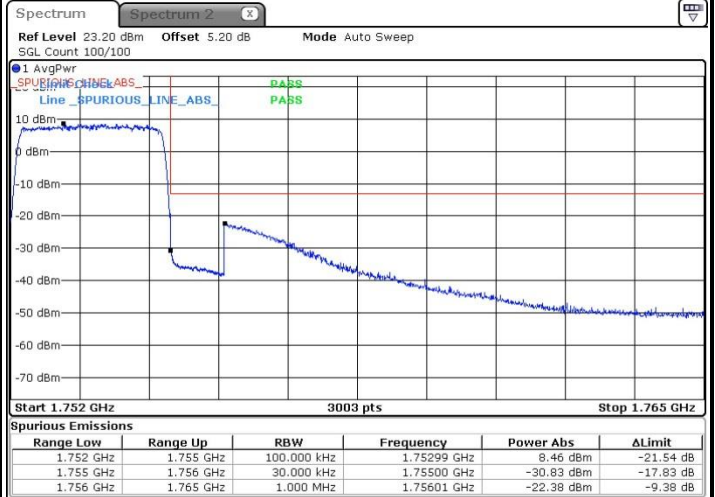
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



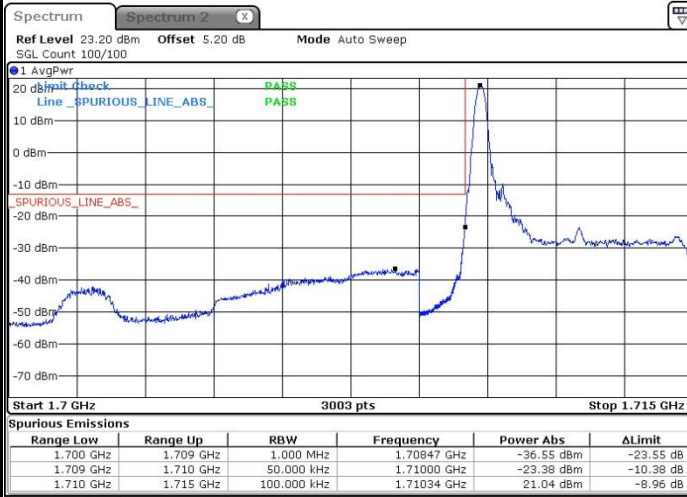
Highest Band Edge / Full RB



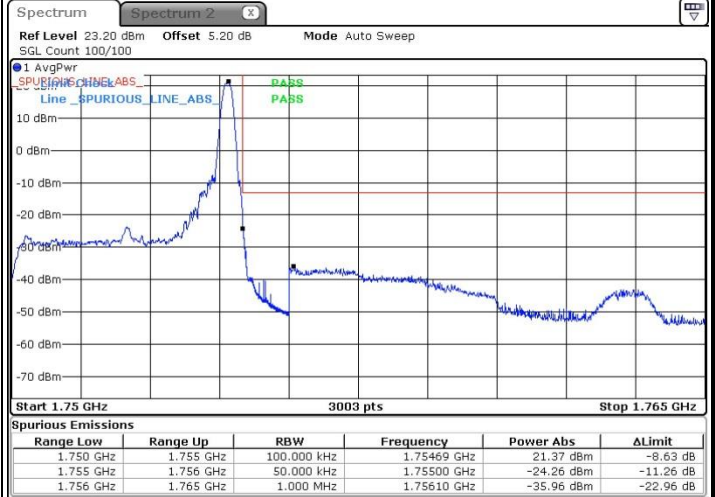


LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



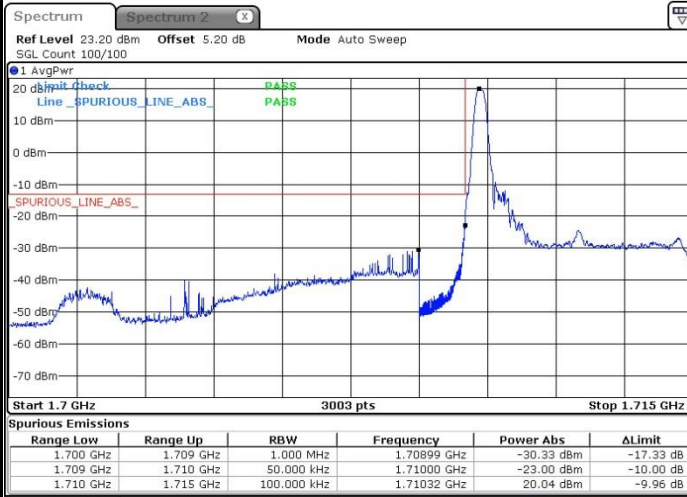
Highest Band Edge / Full RB



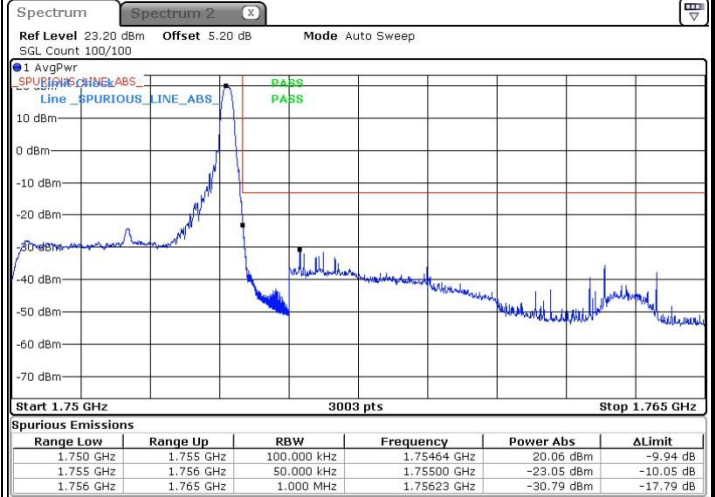


LTE Band 4 / 5MHz / 16QAM

Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



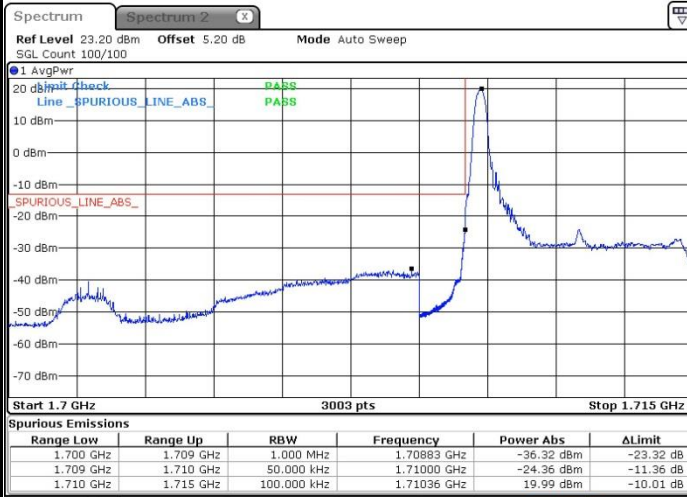
Highest Band Edge / Full RB





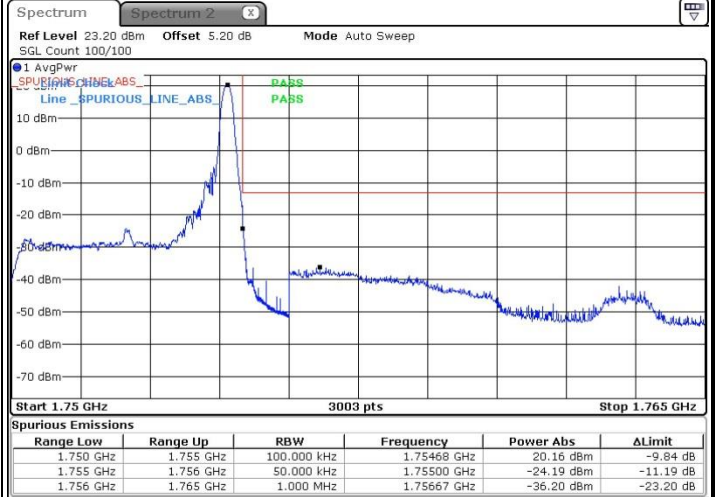
LTE Band 4 / 5MHz / 64QAM

Lowest Band Edge / 1RB



Date: 27.MAY.2021 20:37:09

Highest Band Edge / 1 RB



Date: 27.MAY.2021 20:42:22

Lowest Band Edge / Full RB



Date: 27.MAY.2021 20:36:46

Highest Band Edge / Full RB

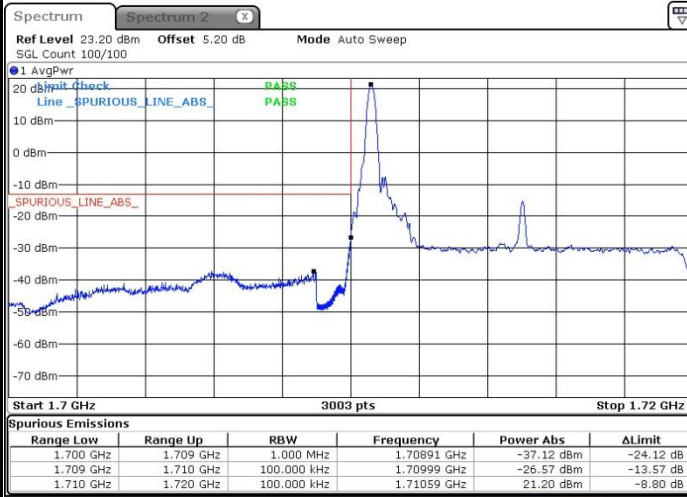


Date: 27.MAY.2021 20:42:45



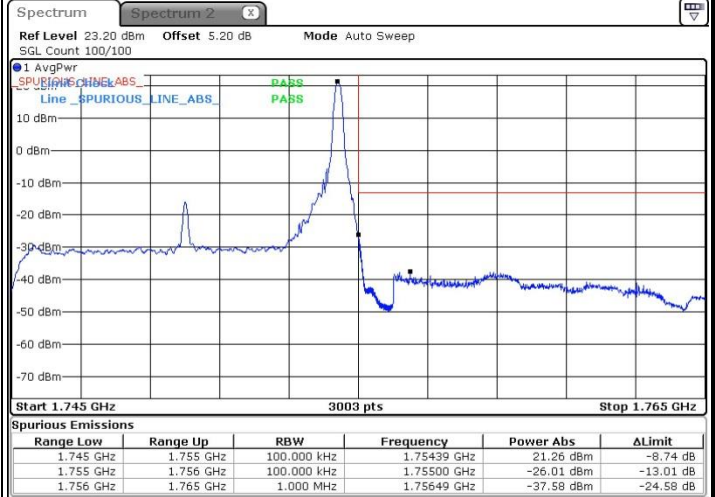
LTE Band 4 / 10MHz / QPSK

Lowest Band Edge / 1 RB



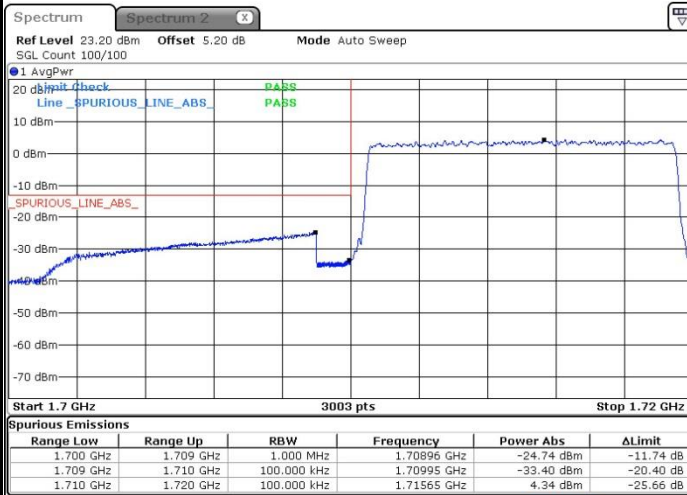
Date: 27.MAY.2021 20:45:31

Highest Band Edge / 1 RB



Date: 27.MAY.2021 20:48:13

Lowest Band Edge / Full RB



Date: 27.MAY.2021 20:44:00

Highest Band Edge / Full RB

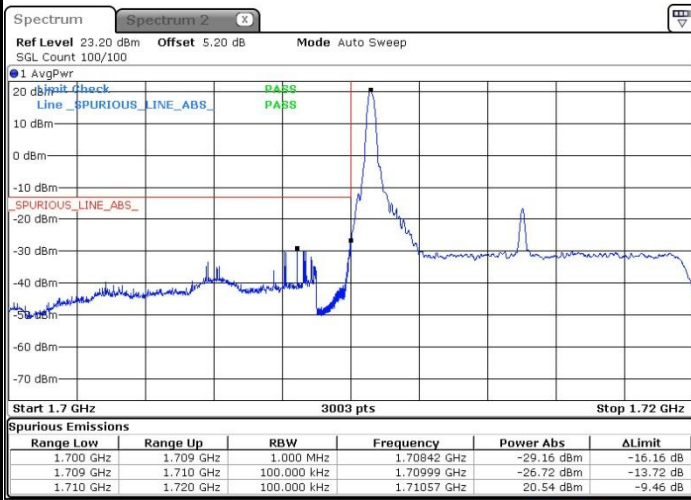


Date: 27.MAY.2021 20:49:30



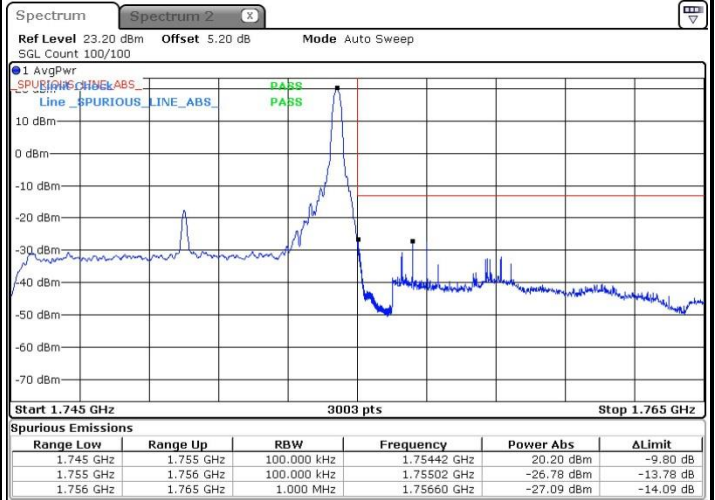
LTE Band 4 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



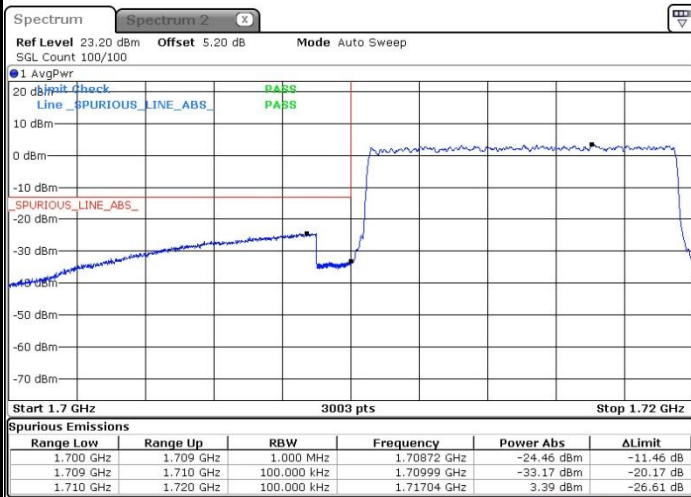
Date: 27.MAY.2021 20:45:15

Highest Band Edge / 1 RB



Date: 27.MAY.2021 20:48:29

Lowest Band Edge / Full RB



Date: 27.MAY.2021 20:44:25

Highest Band Edge / Full RB

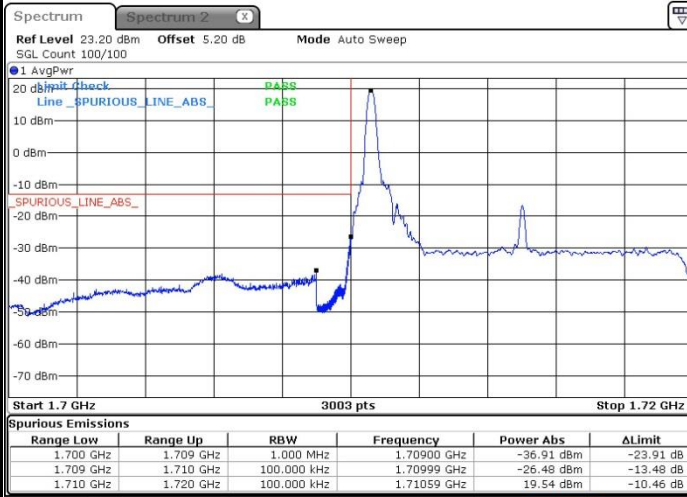


Date: 27.MAY.2021 20:49:15



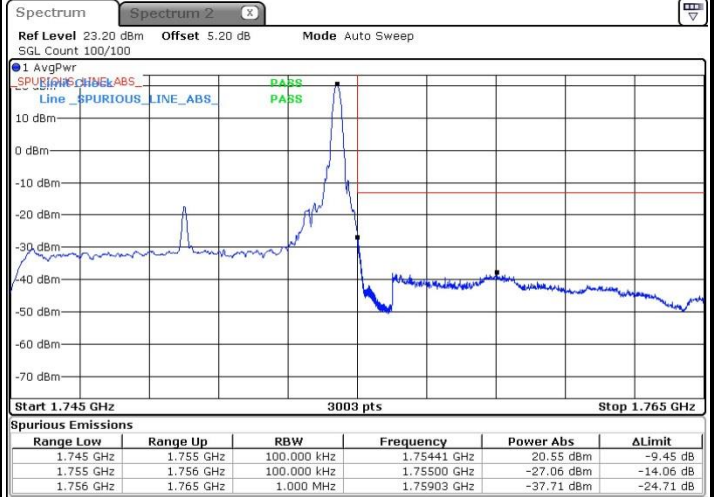
LTE Band 4 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



Date: 27.MAY.2021 20:45:01

Highest Band Edge / 1 RB



Date: 27.MAY.2021 20:48:45

Lowest Band Edge / Full RB



Date: 27.MAY.2021 20:44:46

Highest Band Edge / Full RB

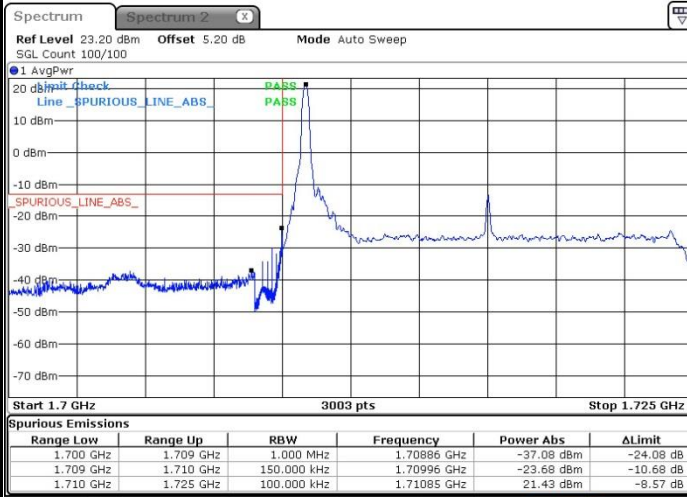


Date: 27.MAY.2021 20:49:00

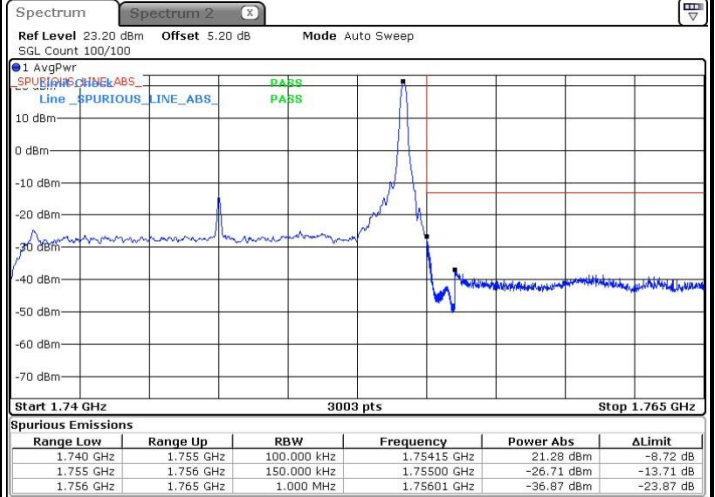


LTE Band 4 / 15MHz / QPSK

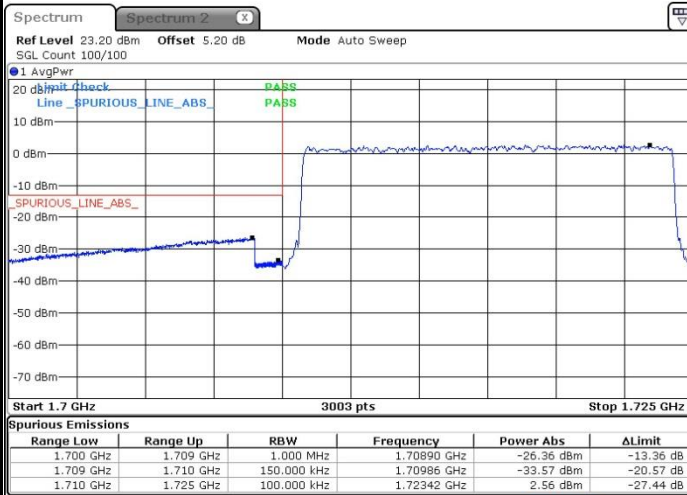
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



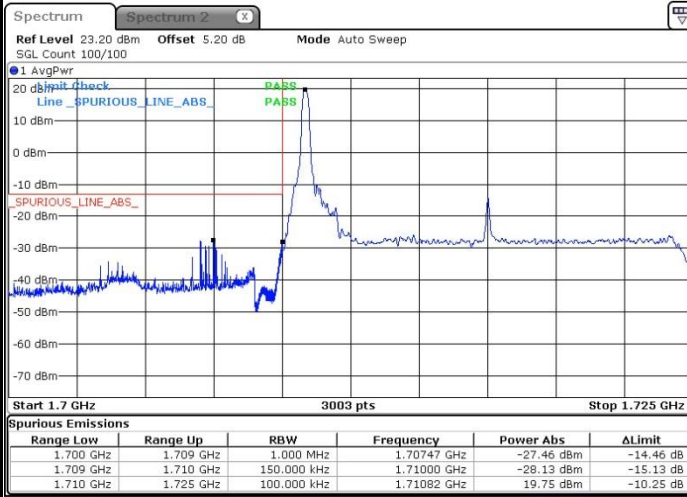
Highest Band Edge / Full RB





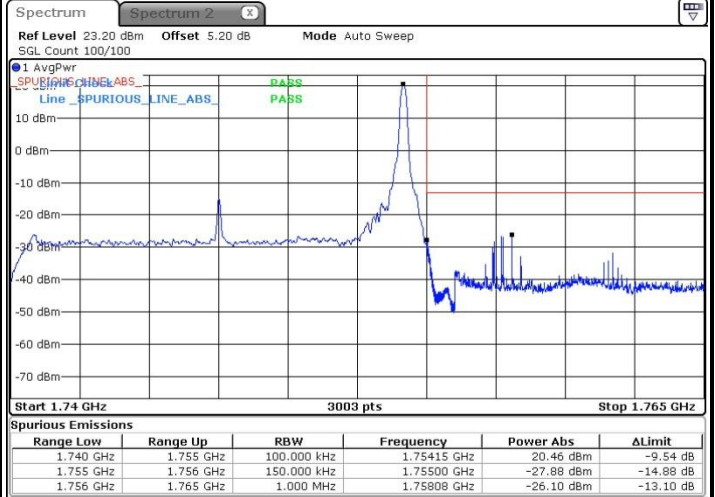
LTE Band 4 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



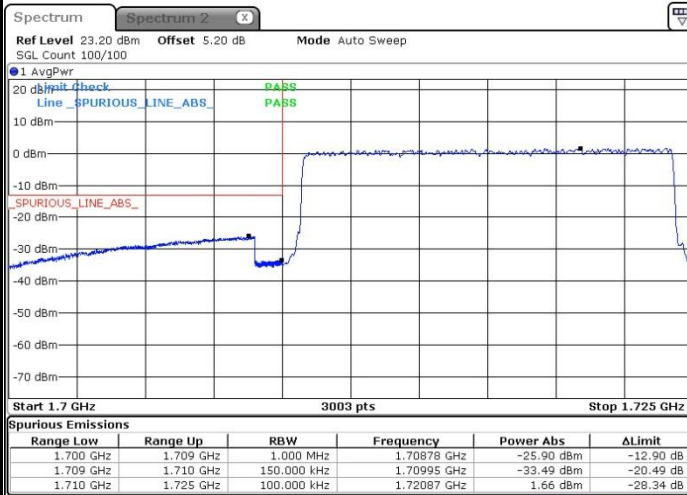
Date: 27.MAY.2021 20:51:04

Highest Band Edge / 1 RB



Date: 27.MAY.2021 20:55:20

Lowest Band Edge / Full RB



Date: 27.MAY.2021 20:50:18

Highest Band Edge / Full RB



Date: 27.MAY.2021 20:56:01