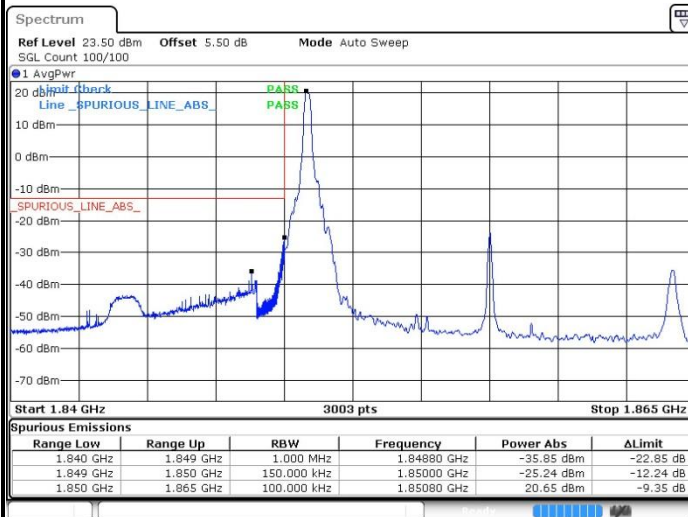


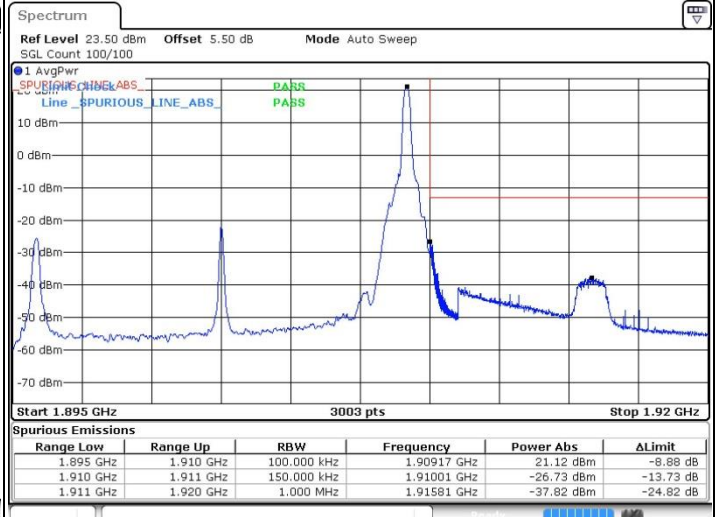


LTE Band 2 / 15MHz / 16QAM

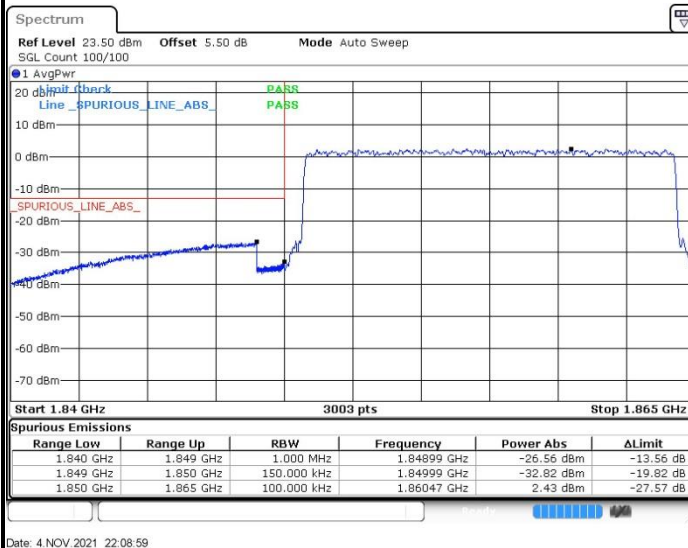
Lowest Band Edge / 1 RB



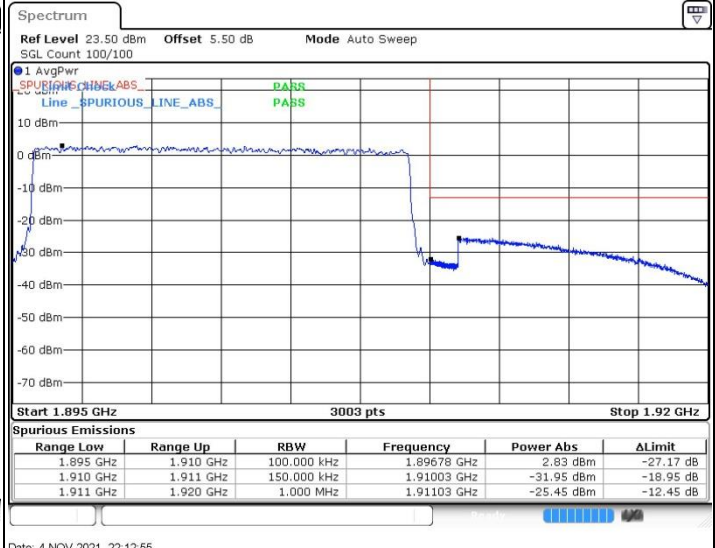
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



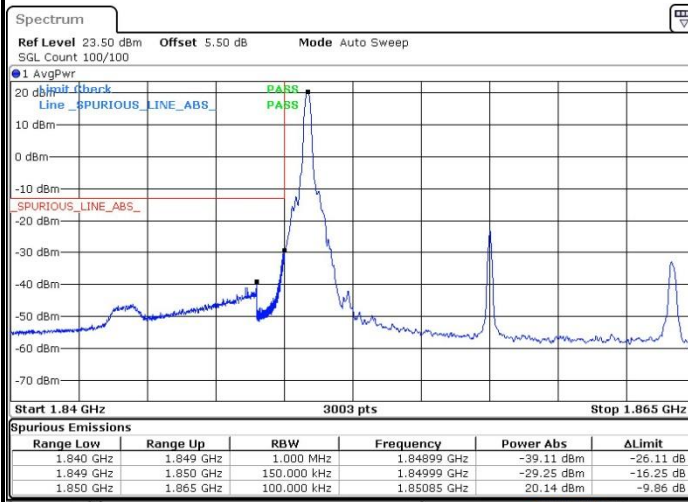
Highest Band Edge / Full RB



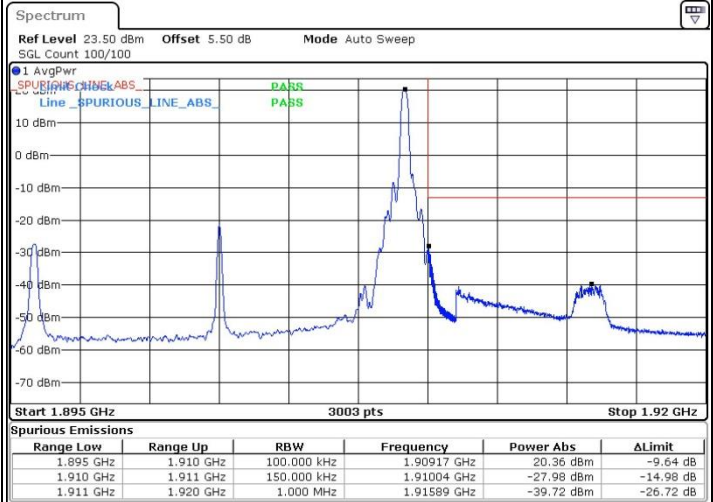


LTE Band 2 / 15MHz / 64QAM

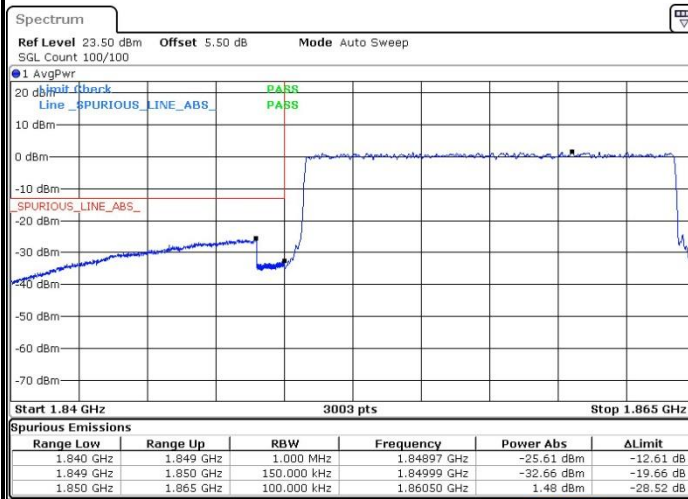
Lowest Band Edge / 1 RB



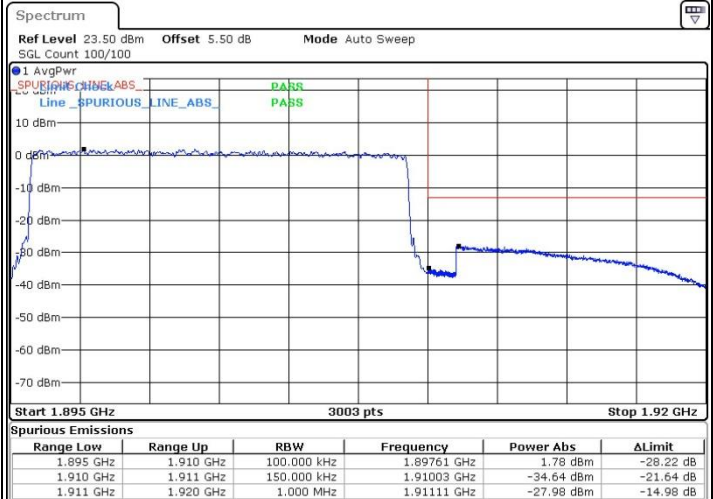
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



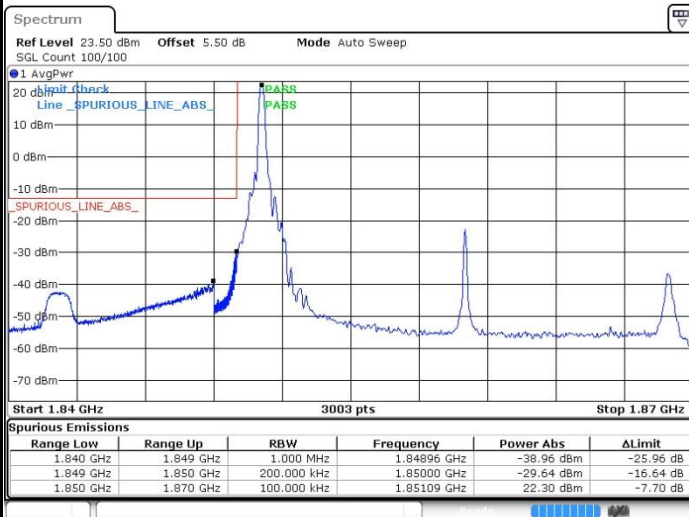
Highest Band Edge / Full RB



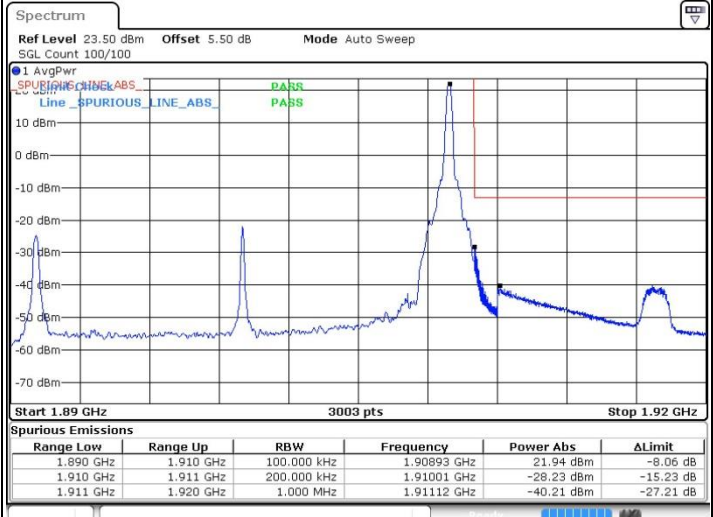


LTE Band 2 / 20MHz / QPSK

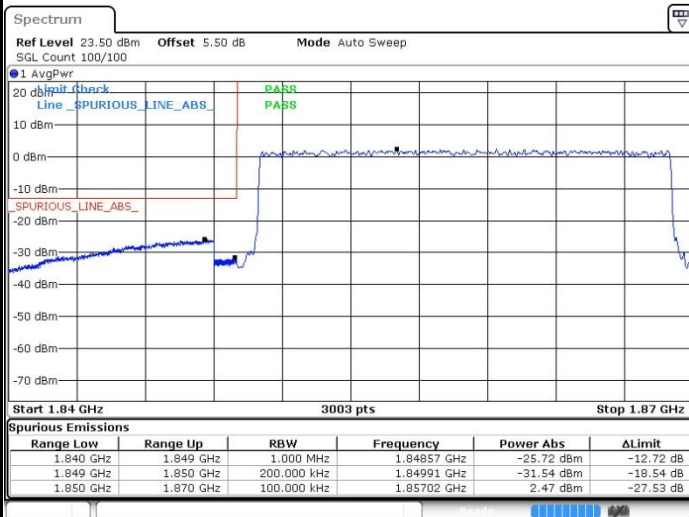
Lowest Band Edge / 1 RB



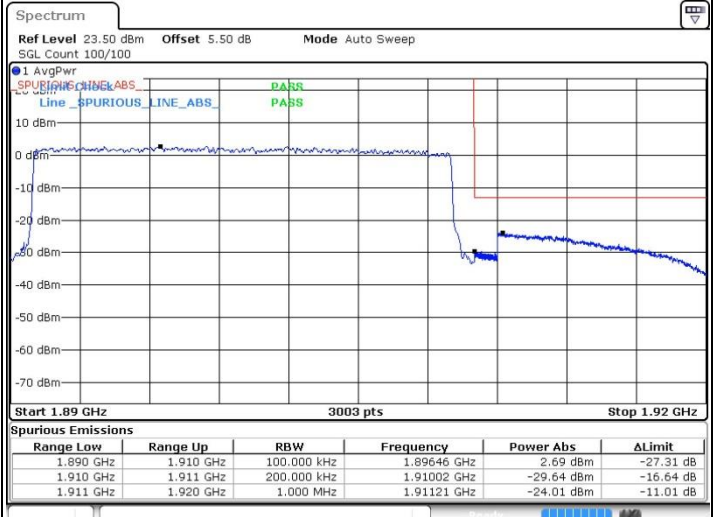
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



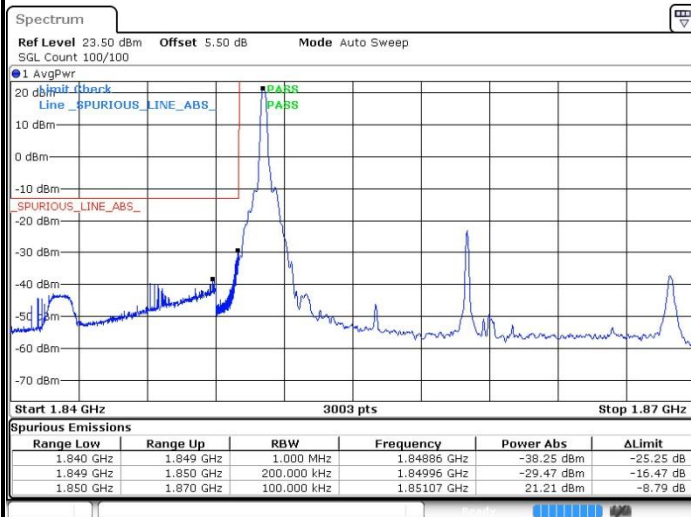
Highest Band Edge / Full RB



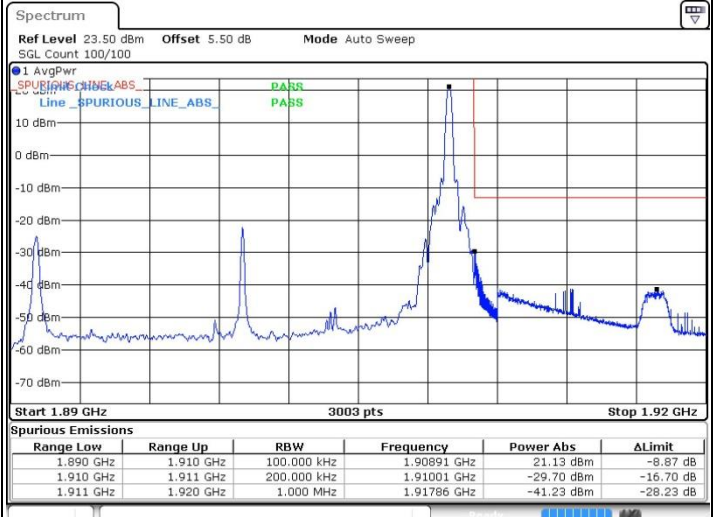


LTE Band 2 / 20MHz / 16QAM

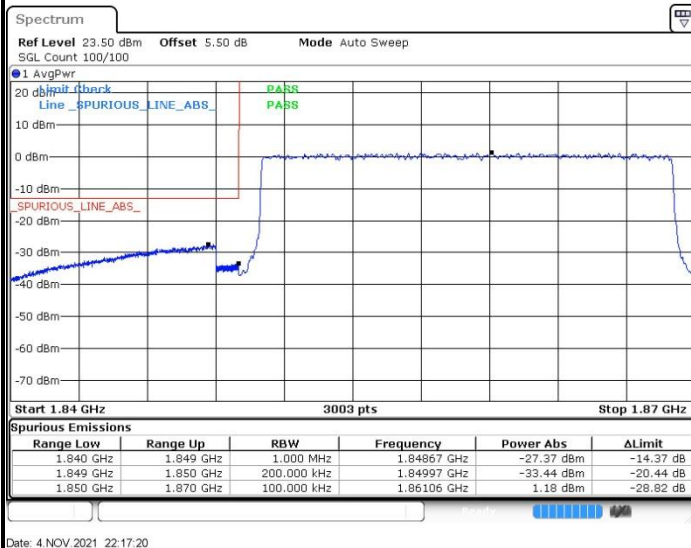
Lowest Band Edge / 1 RB



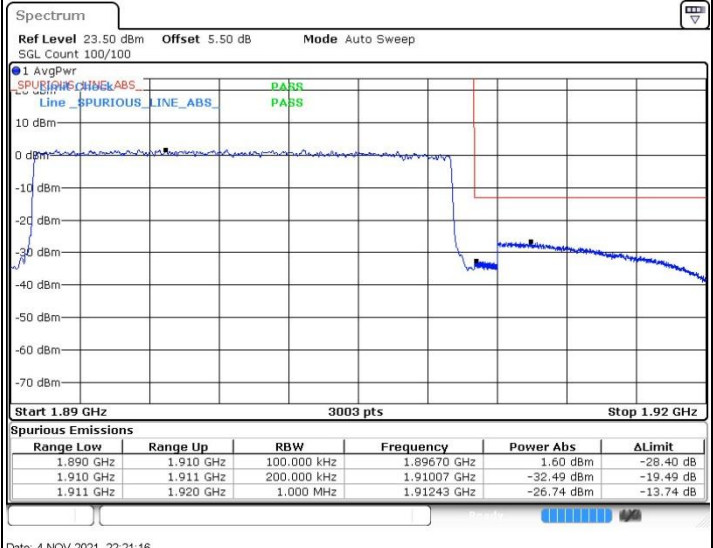
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



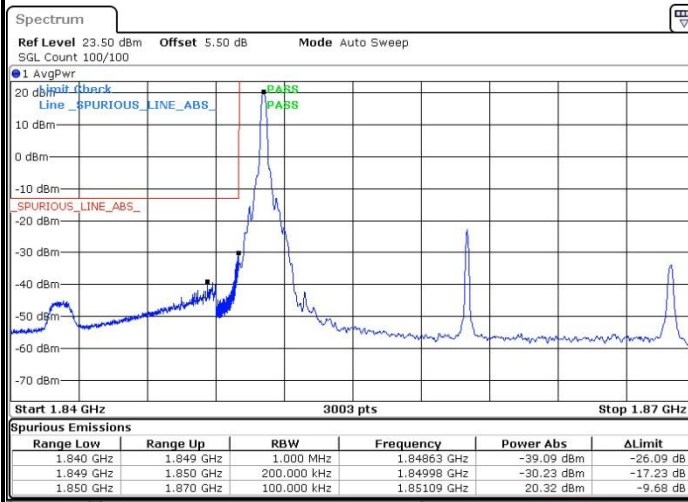
Highest Band Edge / Full RB



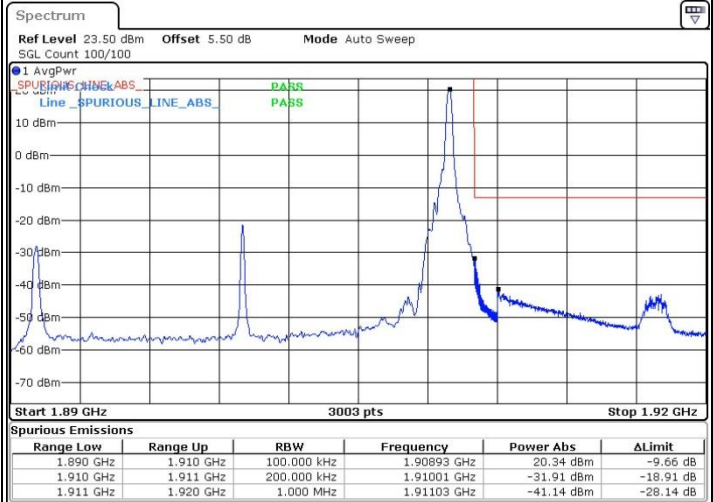


LTE Band 2 / 20MHz / 64QAM

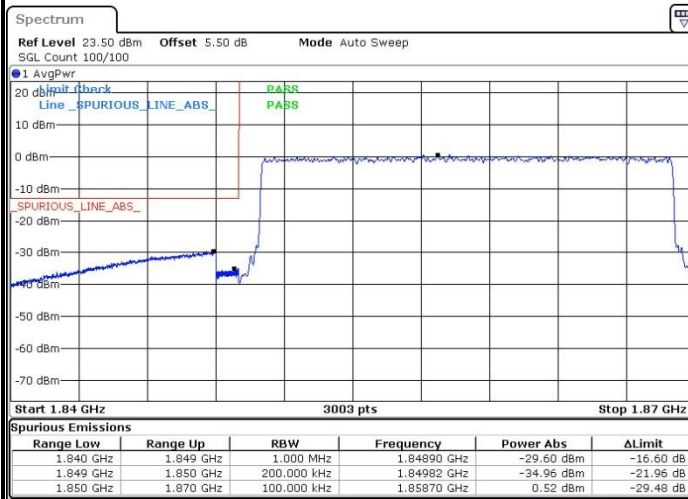
Lowest Band Edge / 1 RB



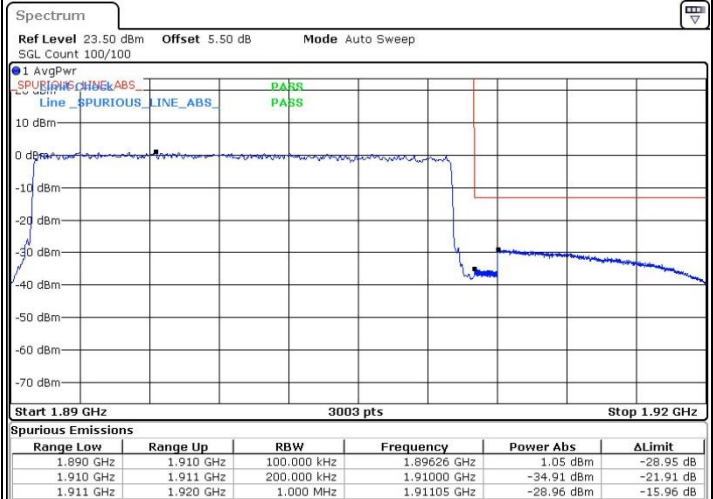
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

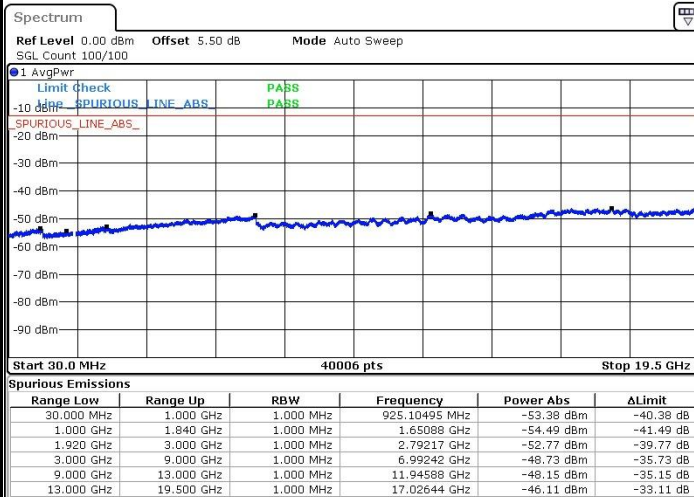




Conducted Spurious Emission

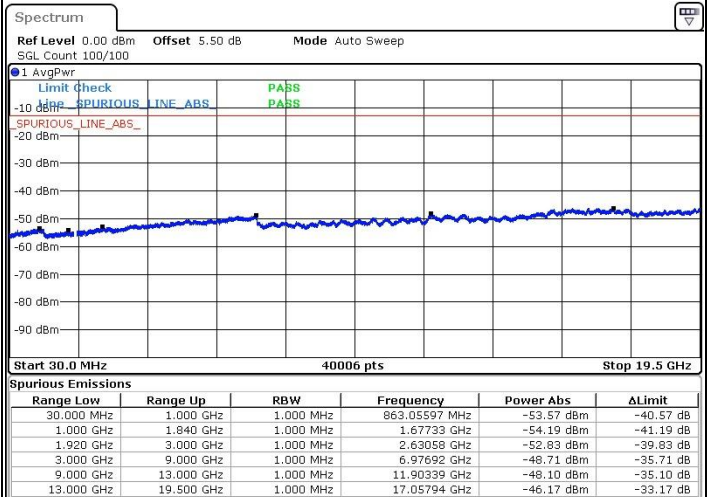
LTE Band 2 / 1.4MHz

Lowest Channel / QPSK



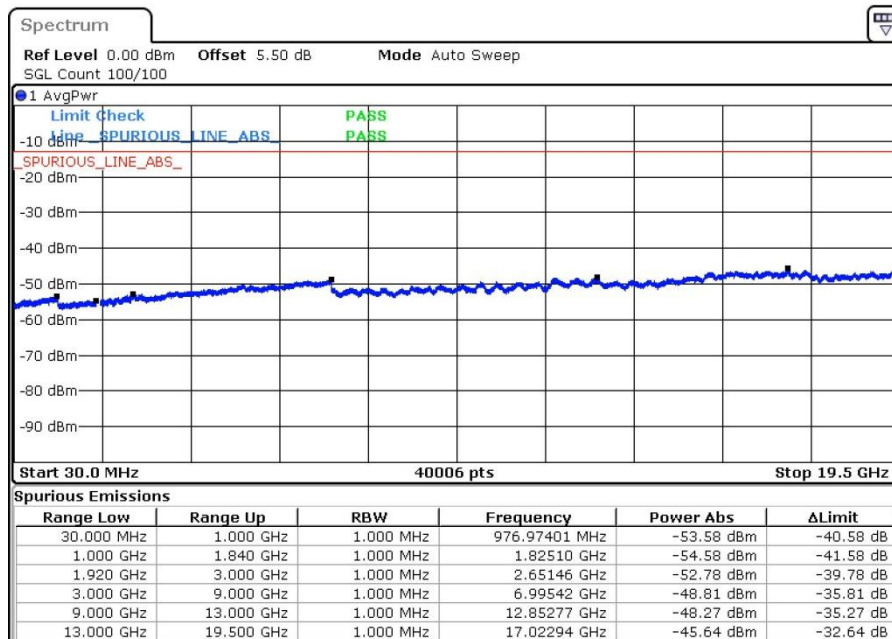
Date: 4 NOV 2021 23:28:49

Middle Channel / QPSK



Date: 4 NOV 2021 23:29:59

Highest Channel / QPSK

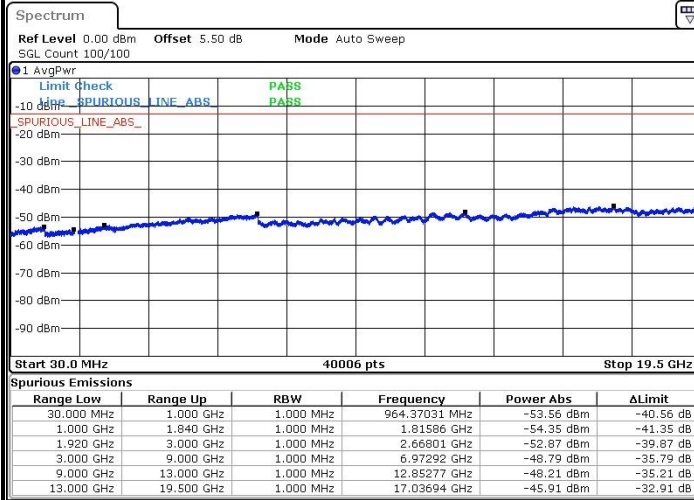


Date: 4 NOV 2021 23:31:00



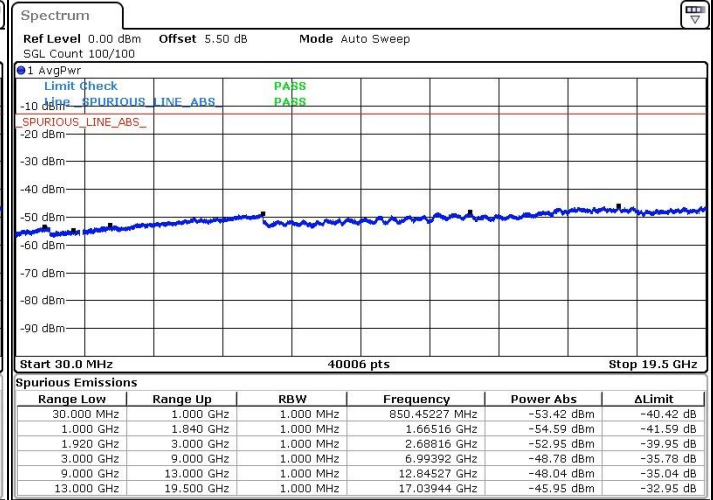
LTE Band 2 / 3MHz

Lowest Channel / QPSK



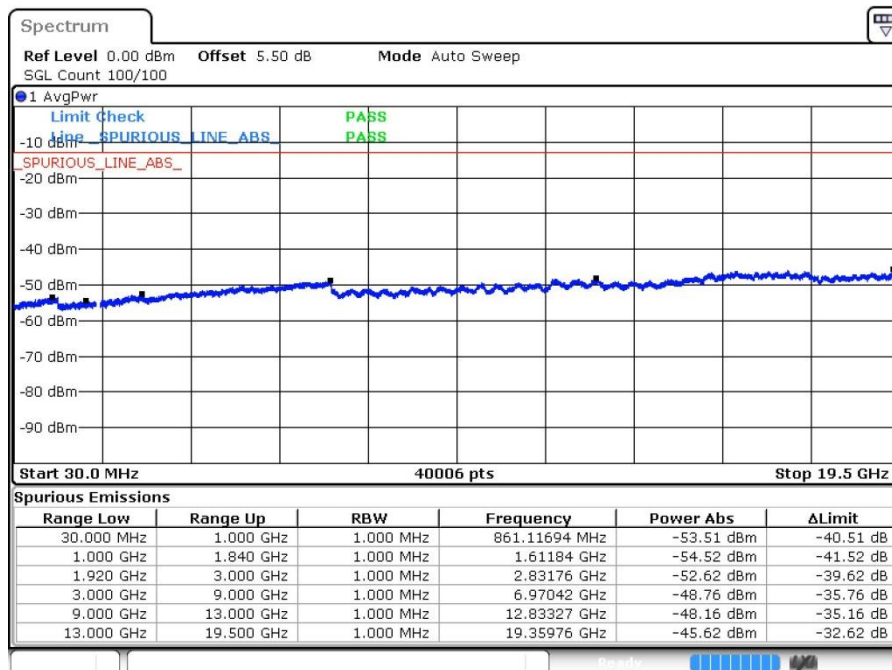
Date: 4 NOV 2021 23:25:18

Middle Channel / QPSK



Date: 4 NOV 2021 23:26:16

Highest Channel / QPSK

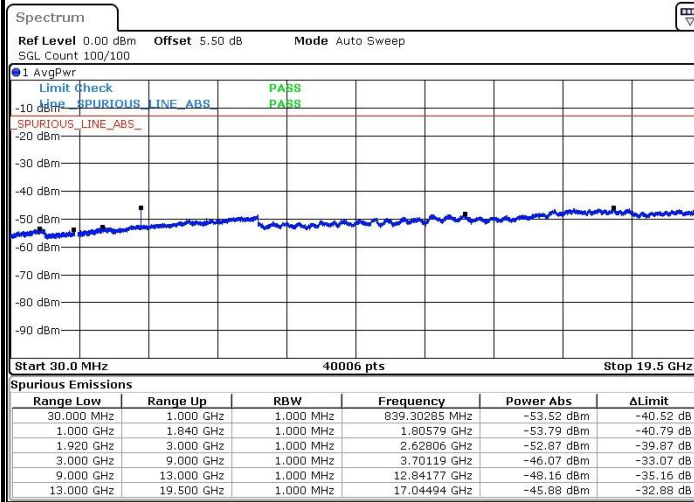


Date: 4 NOV 2021 23:27:32



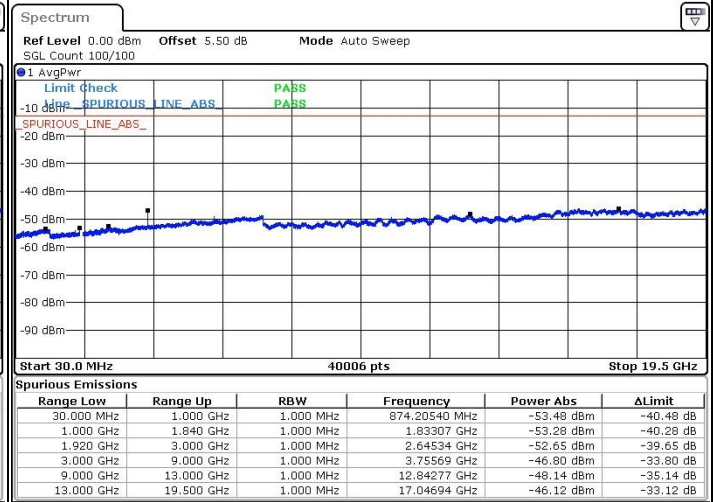
LTE Band 2 / 5MHz

Lowest Channel / QPSK



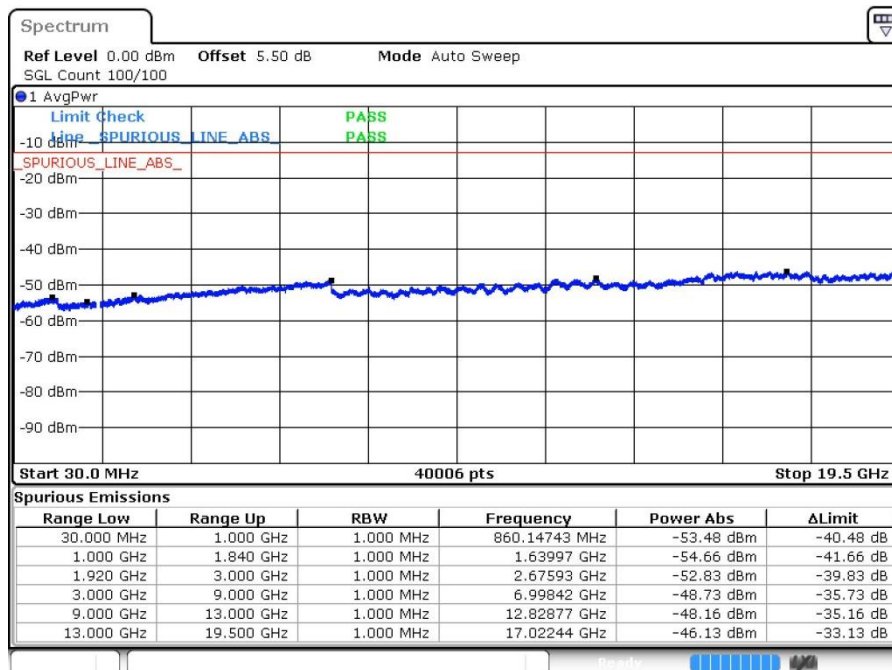
Date: 4 NOV 2021 23:21:02

Middle Channel / QPSK



Date: 4 NOV 2021 23:22:03

Highest Channel / QPSK

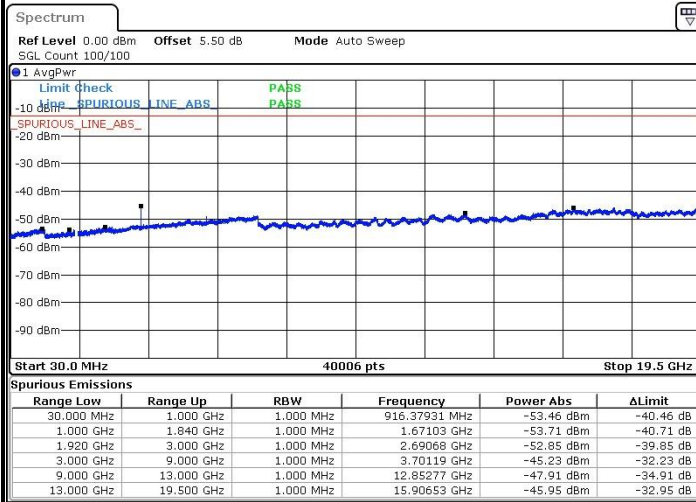


Date: 4 NOV 2021 23:24:11



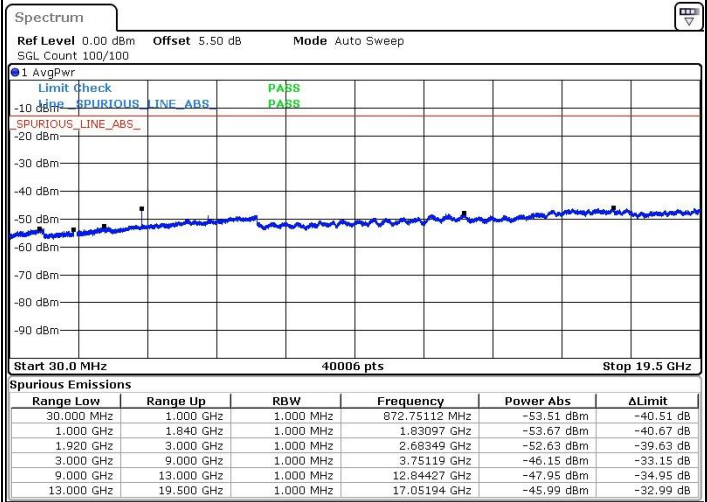
LTE Band 2 / 10MHz

Lowest Channel / QPSK



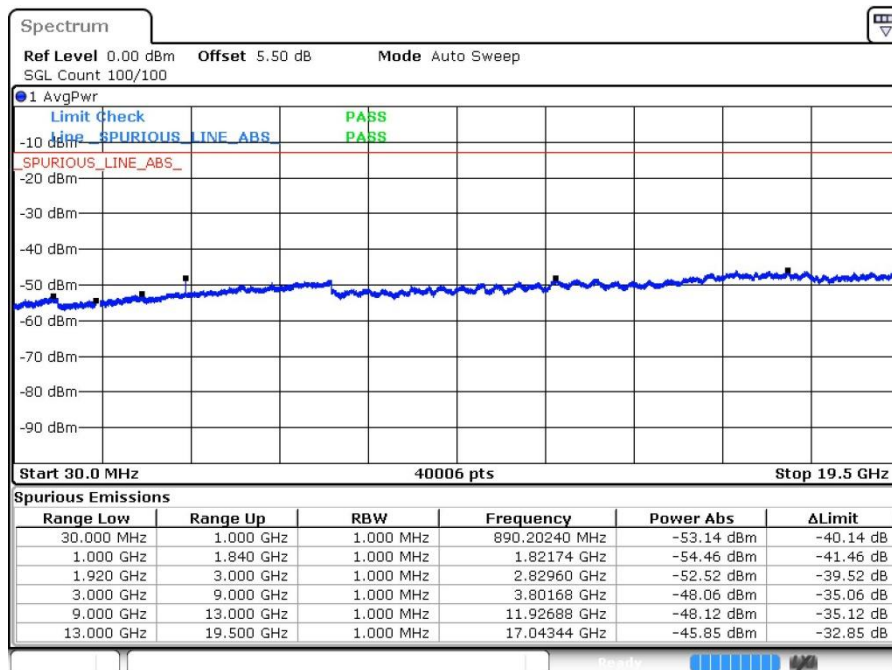
Date: 4 NOV. 2021 23:18:24

Middle Channel / QPSK



Date: 4 NOV. 2021 23:19:14

Highest Channel / QPSK

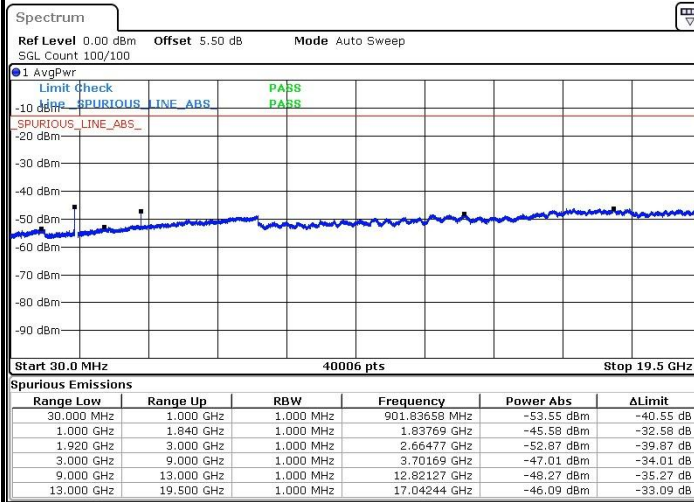


Date: 4 NOV. 2021 23:20:03



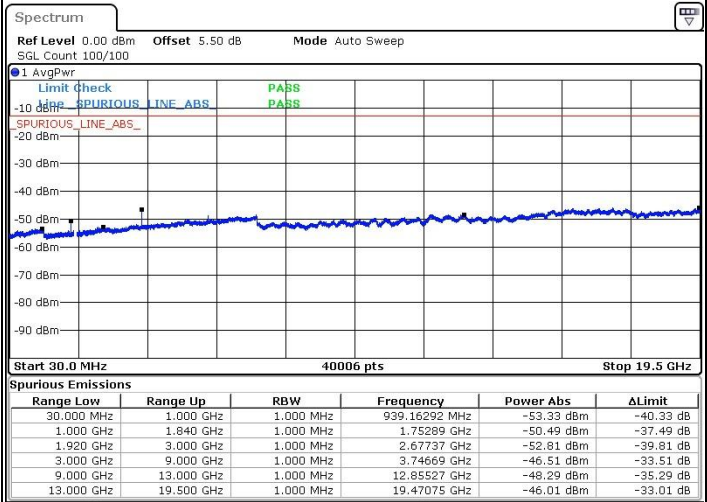
LTE Band 2 / 15MHz

Lowest Channel / QPSK



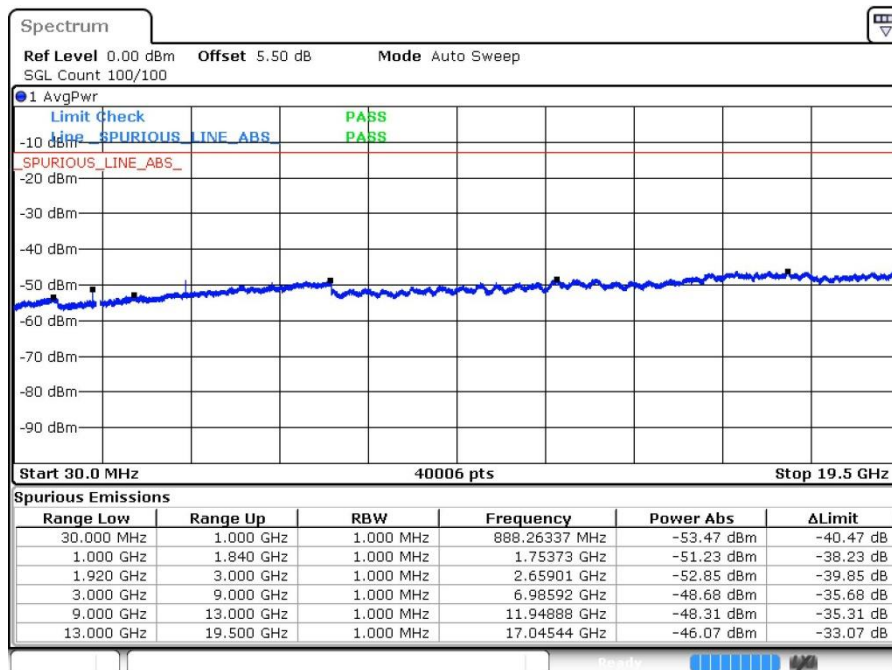
Date: 4 NOV 2021 23:15:29

Middle Channel / QPSK



Date: 4 NOV 2021 23:16:29

Highest Channel / QPSK

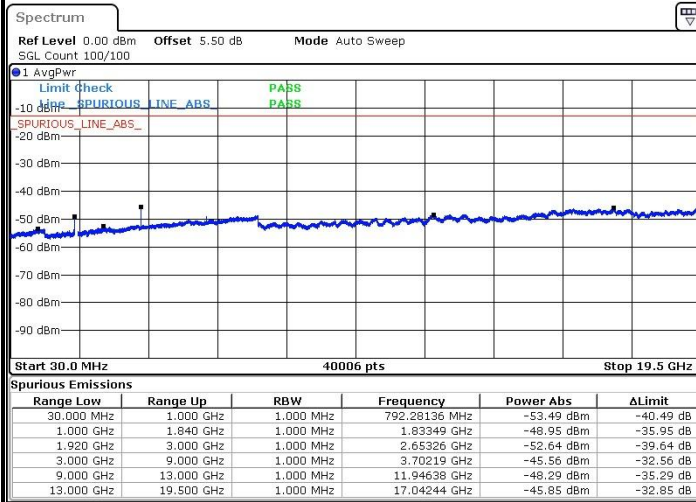


Date: 4 NOV 2021 23:17:31



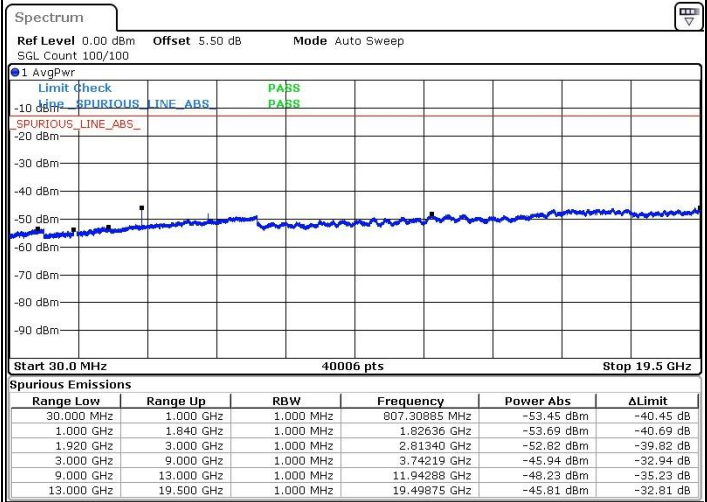
LTE Band 2 / 20MHz

Lowest Channel / QPSK



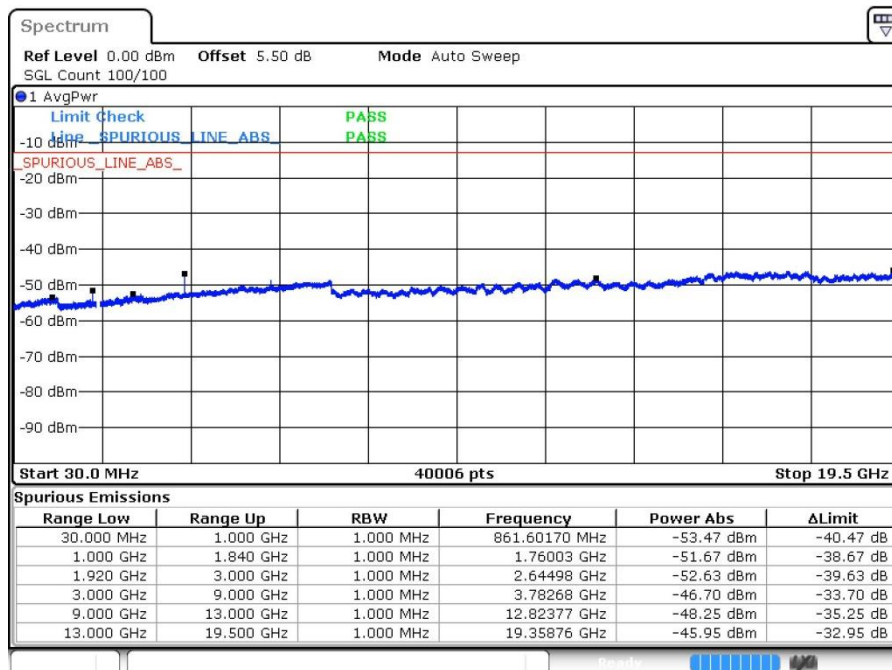
Date: 4 NOV 2021 23:11:36

Middle Channel / QPSK



Date: 4 NOV 2021 23:14:13

Highest Channel / QPSK



Date: 4 NOV 2021 23:13:15

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.



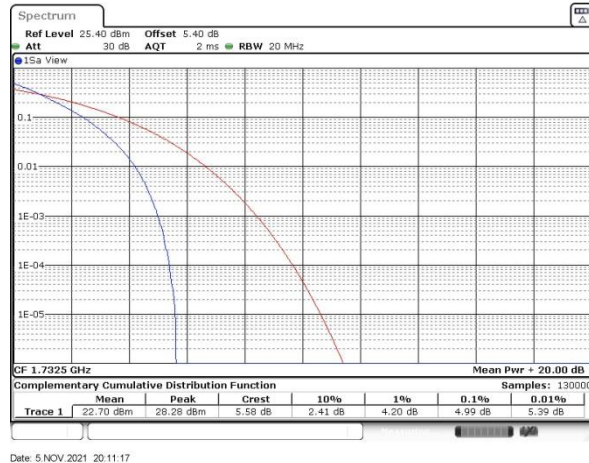
LTE Band 4

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

LTE Band 4 / 20MHz

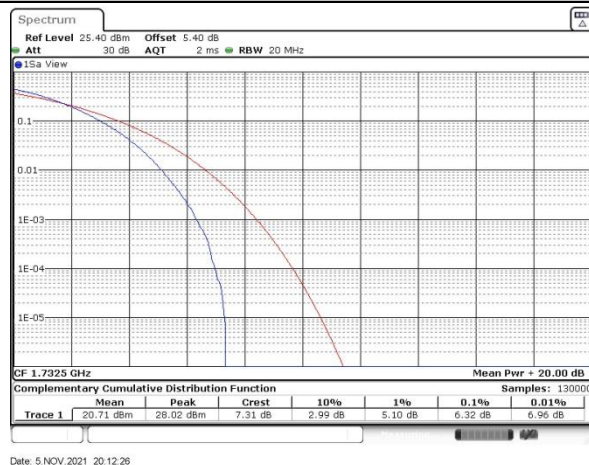
Middle Channel / Full RB/ QPSK



Middle Channel / Full RB/ 16QAM

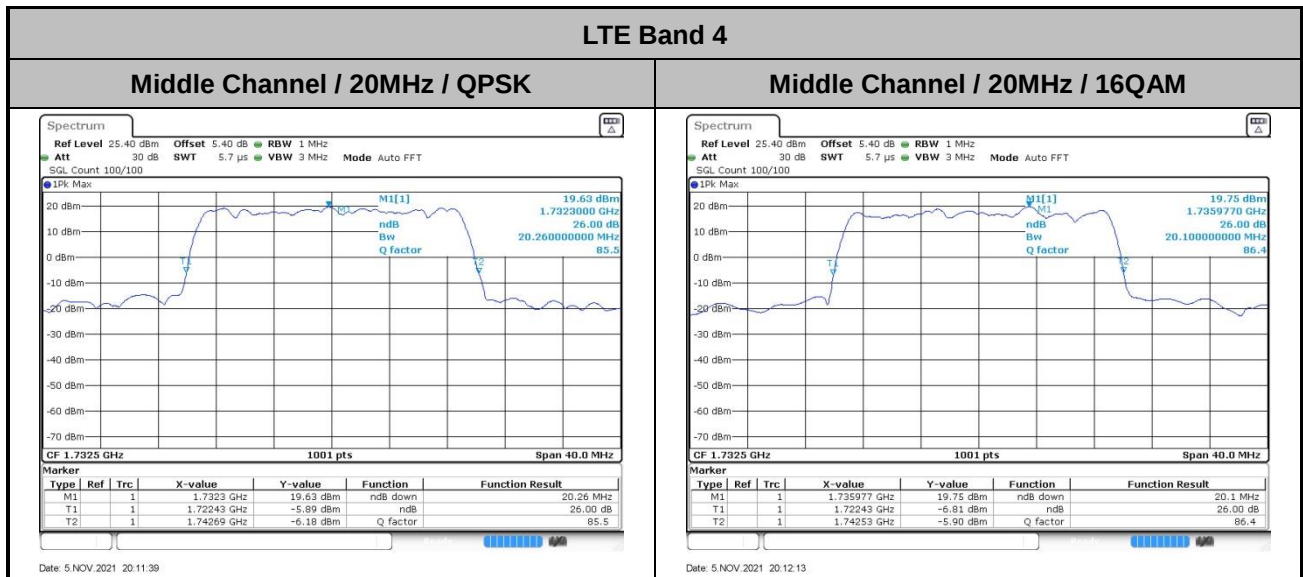


Middle Channel / Full RB/ 64QAM



**26dB Bandwidth**

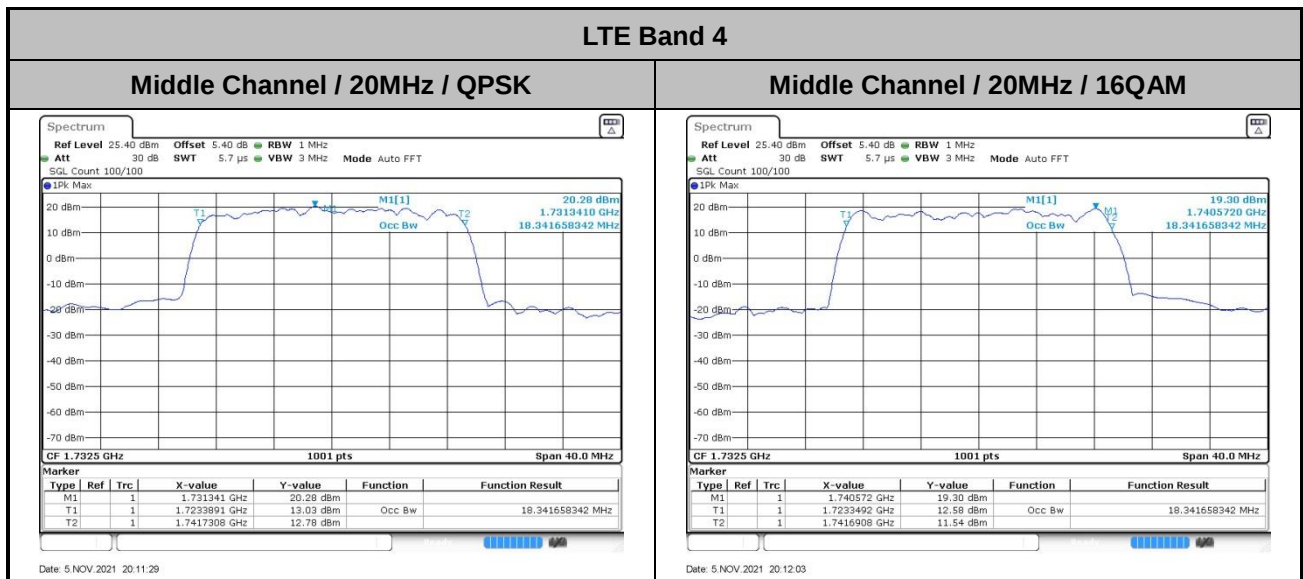
Mode	LTE Band 4 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.26	20.10





Occupied Bandwidth

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

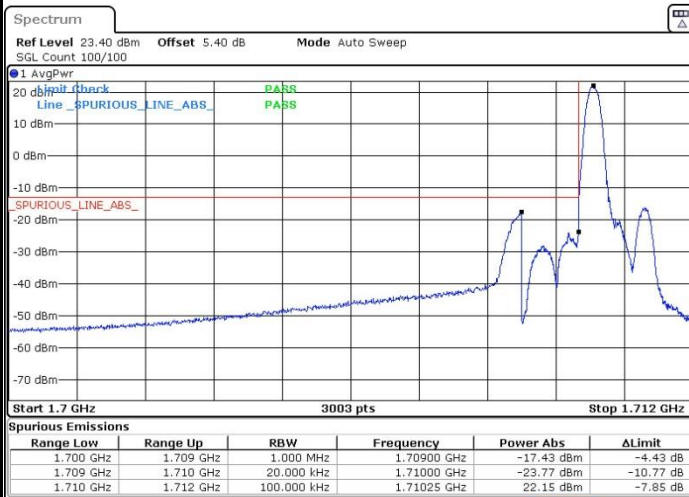




Conducted Band Edge

LTE Band 4 / 1.4MHz / QPSK

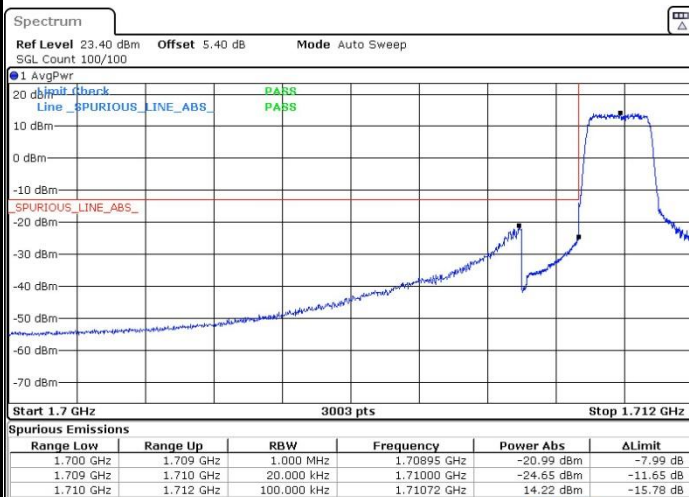
Lowest Band Edge / 1RB



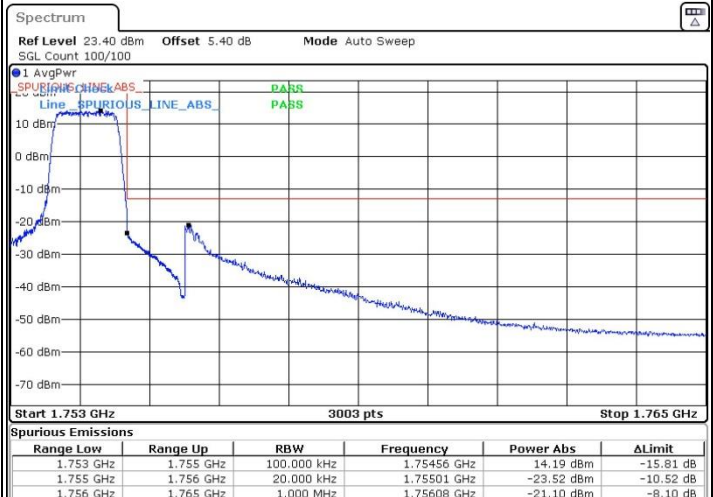
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



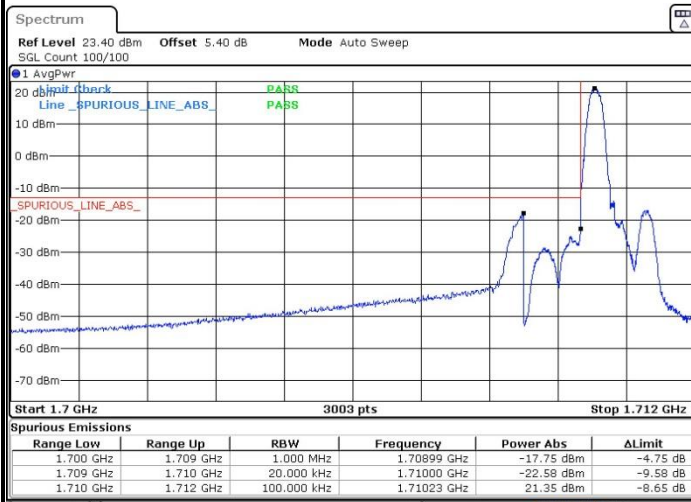
Highest Band Edge / Full RB



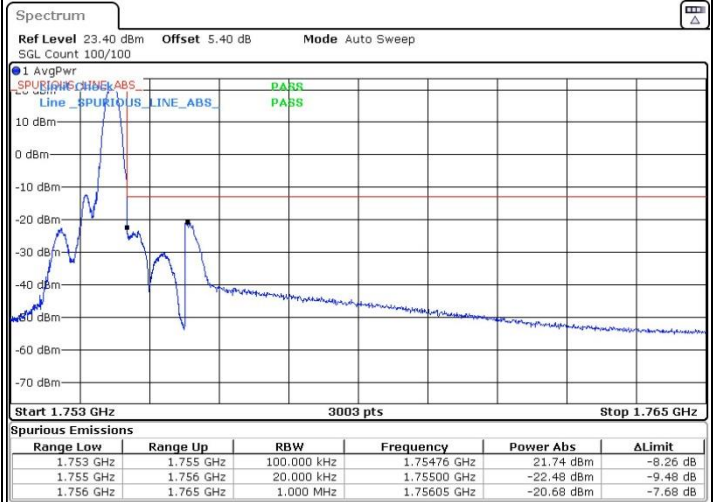


LTE Band 4 / 1.4MHz / 16QAM

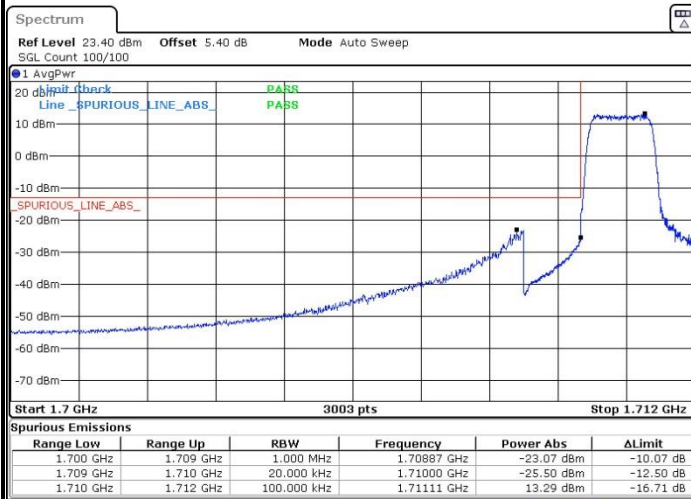
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



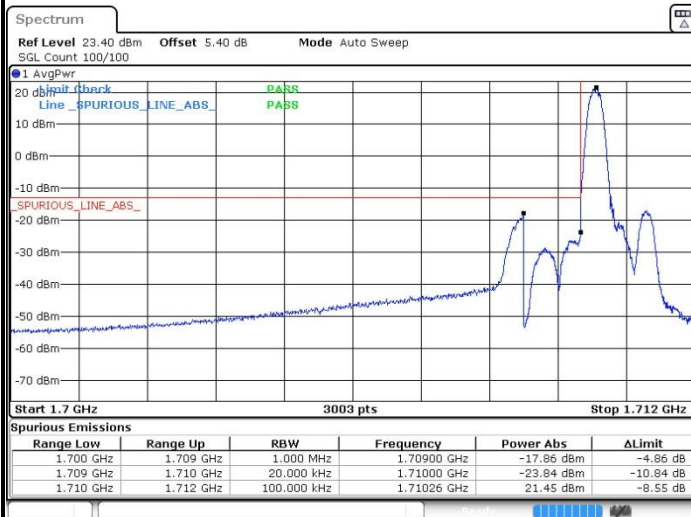
Highest Band Edge / Full RB



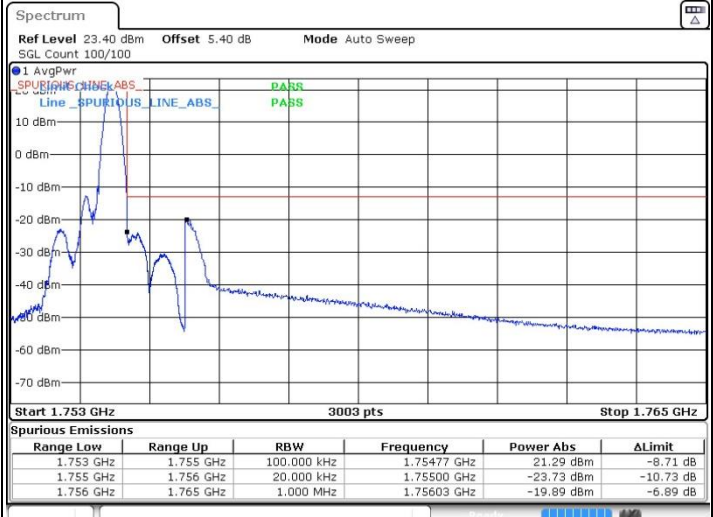


LTE Band 4 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



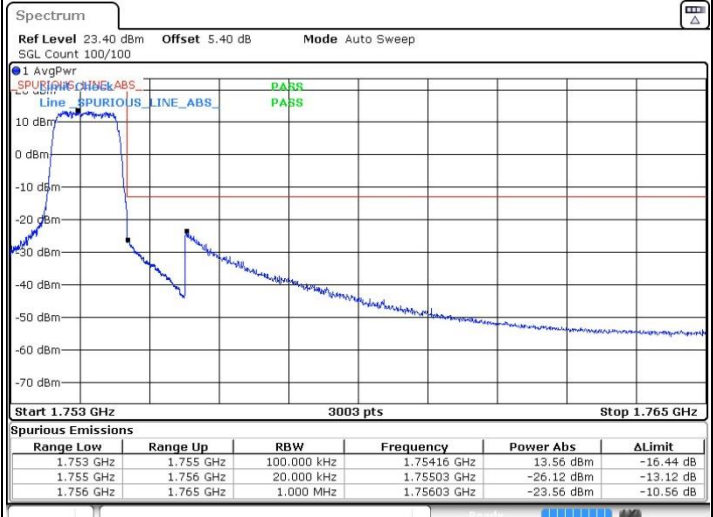
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



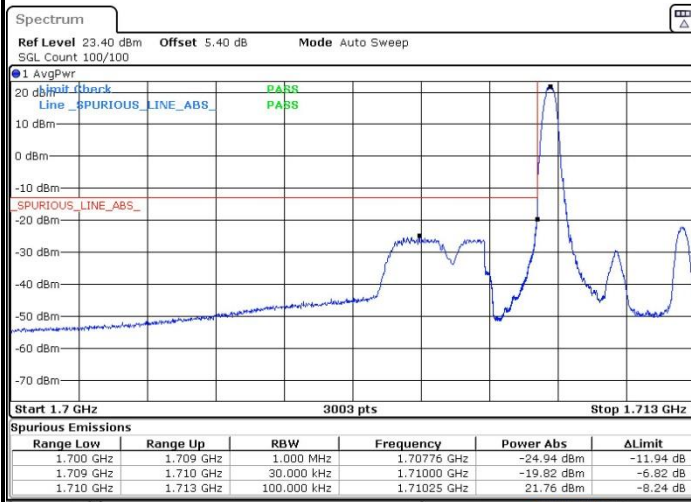
Highest Band Edge / Full RB



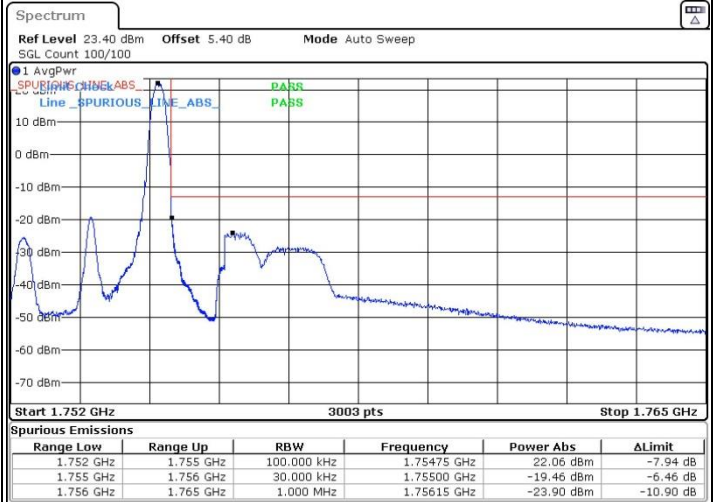


LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

