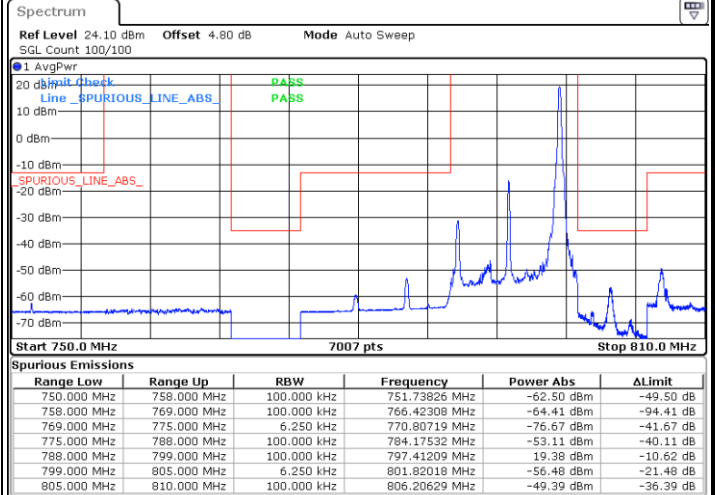
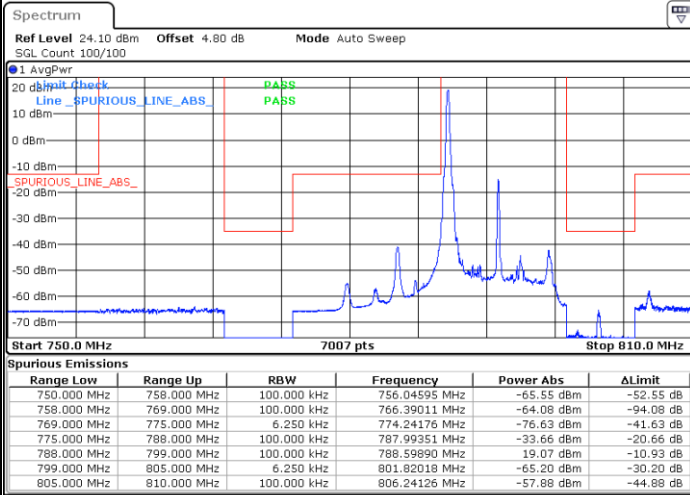


LTE Band 14 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

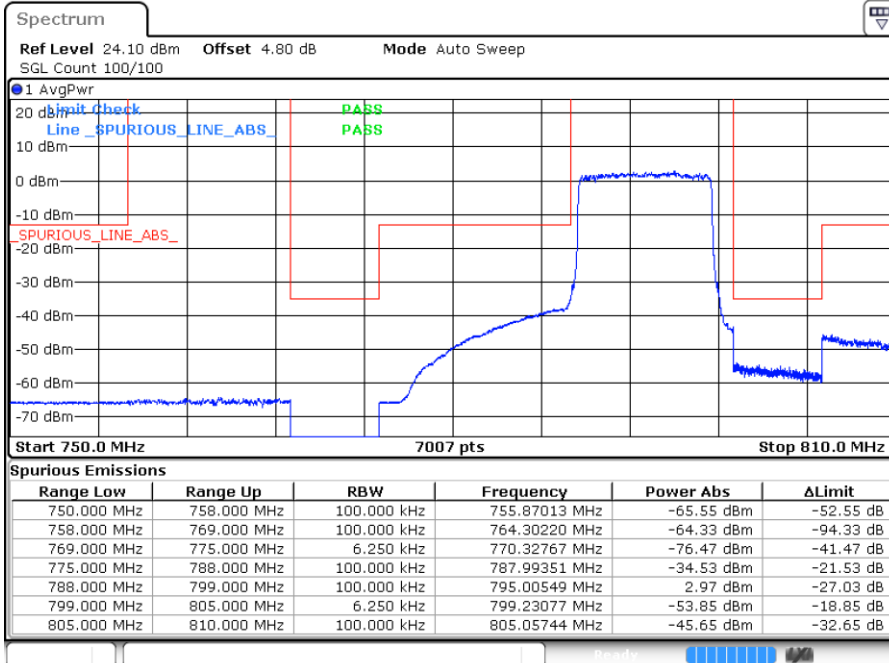
Highest Band Edge / 1 RB



Date: 6 AUG. 2020 22:21:46

Date: 6 AUG. 2020 22:24:54

Band Edge / Full RB



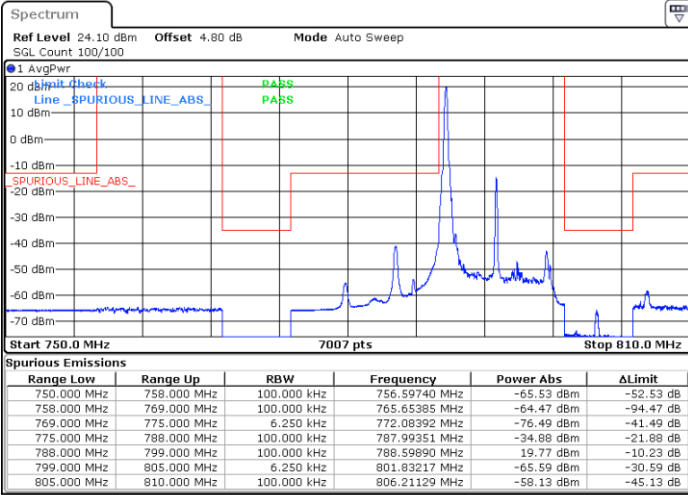
Date: 6 AUG. 2020 22:20:43



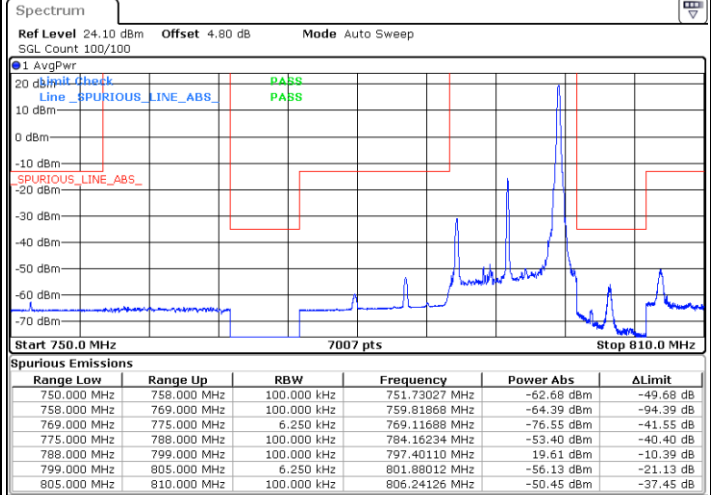
LTE Band 14 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

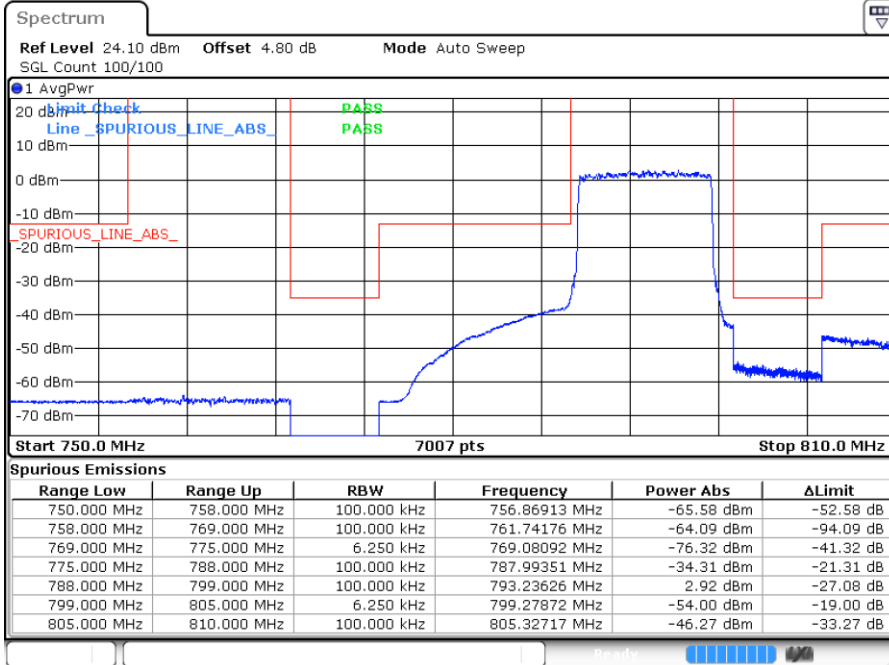


Date: 6 AUG. 2020 22:28:06



Date: 6 AUG. 2020 22:29:09

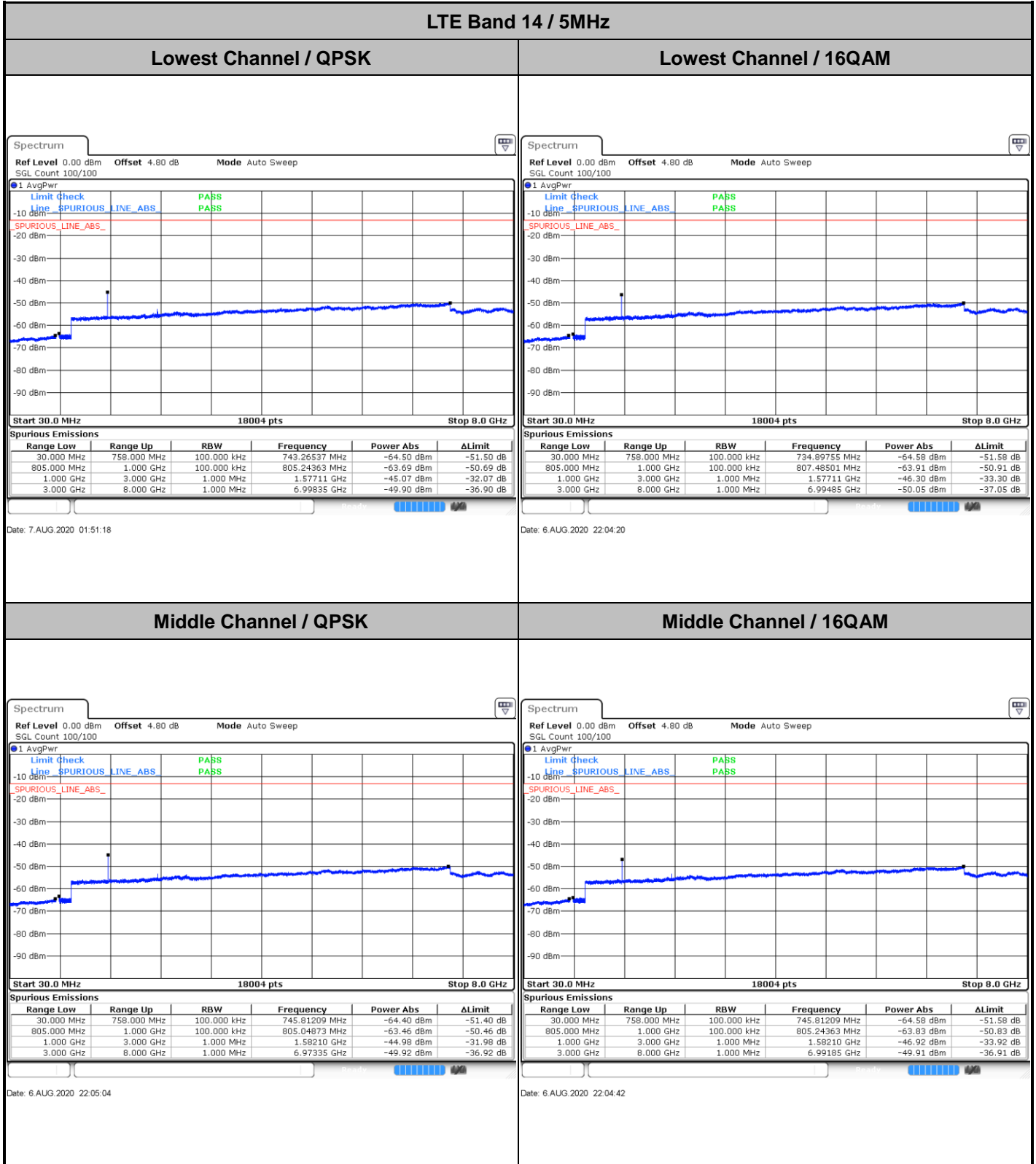
Band Edge / Full RB



Date: 6 AUG. 2020 22:27:03



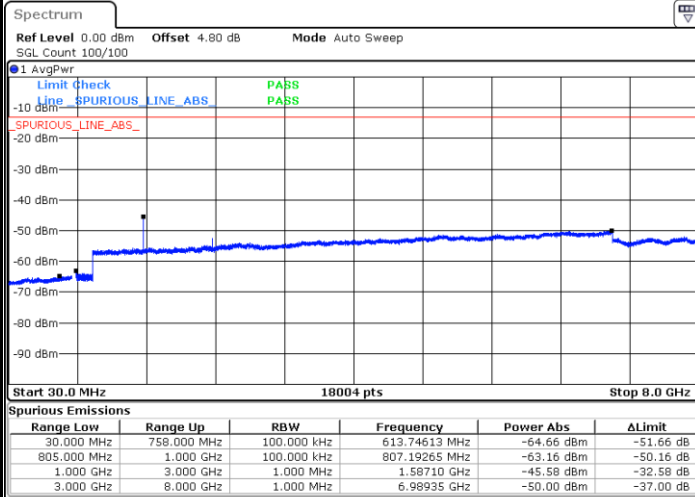
# Conducted Spurious Emission





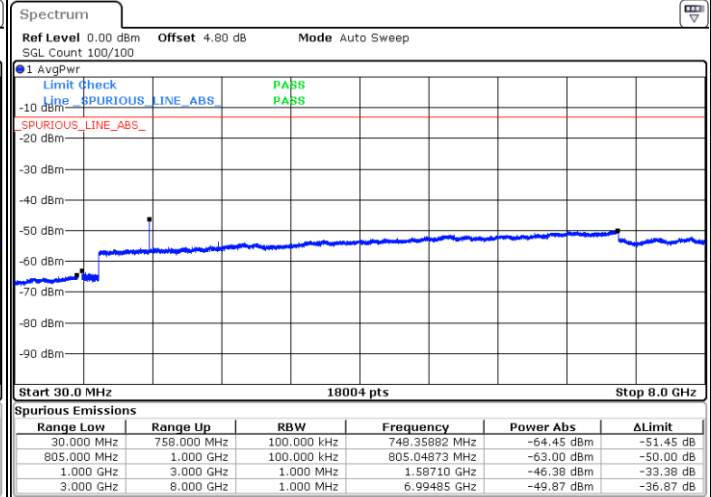
LTE Band 14 / 5MHz

Highest Channel / QPSK



Date: 6 AUG.2020 22:11:06

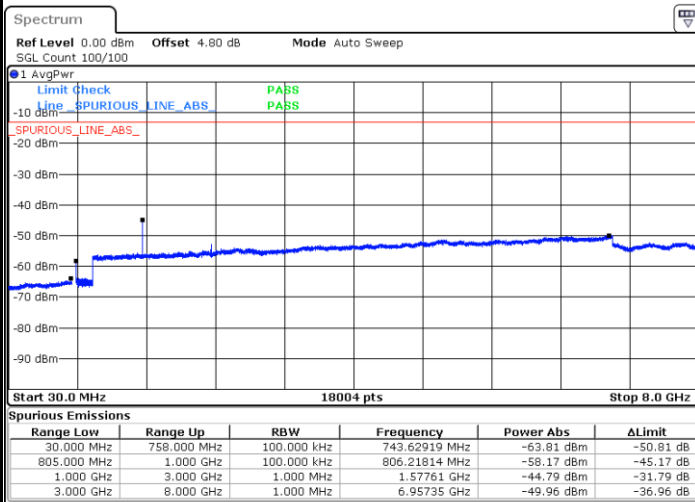
Highest Channel / 16QAM



Date: 6 AUG.2020 22:11:28

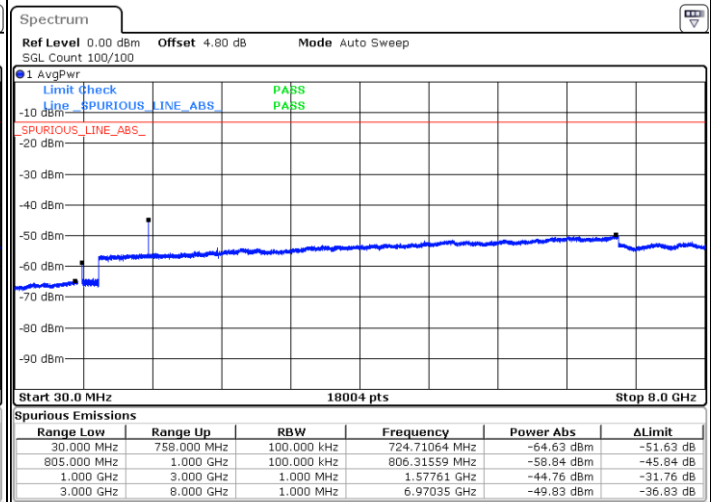
LTE Band 14 / 10MHz

Middle Channel / QPSK



Date: 6 AUG.2020 22:25:37

Middle Channel / 16QAM



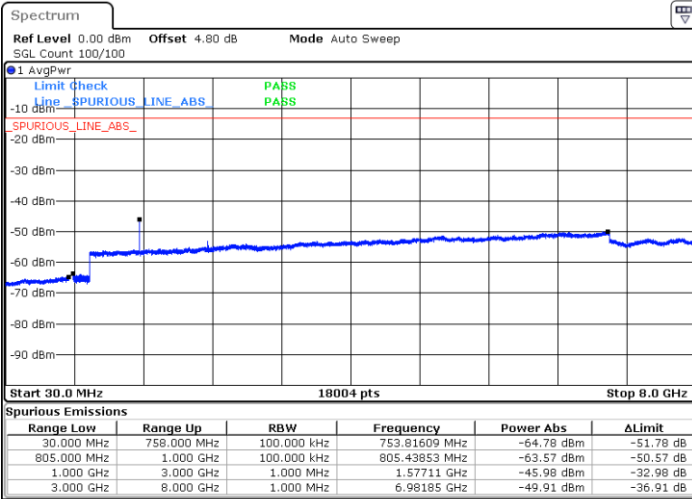
Date: 6 AUG.2020 22:25:15



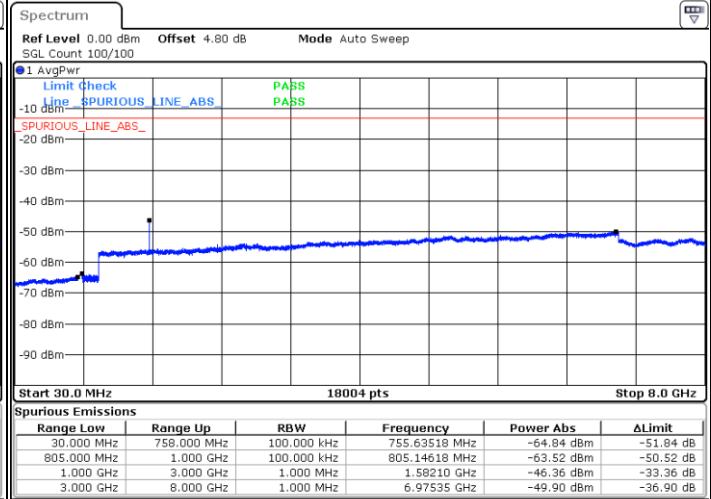
LTE Band 14 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

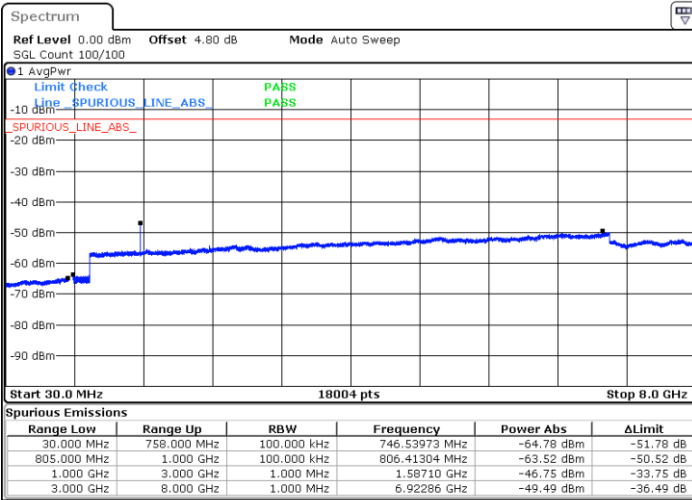


Date: 6 AUG.2020 22:14:18



Date: 6 AUG.2020 22:14:40

Highest Channel / 64QAM

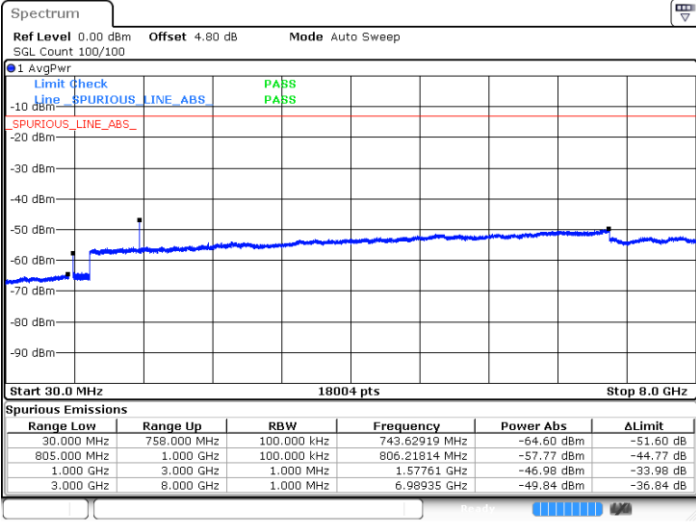


Date: 6 AUG.2020 22:17:52



LTE Band 14 / 10MHz

Middle Channel / 64QAM

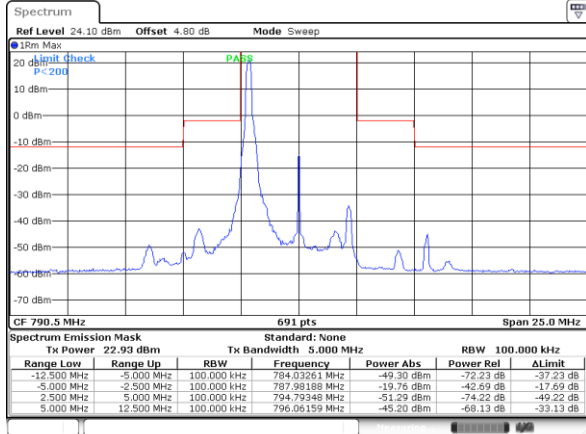


Date: 6 AUG.2020 22:29:30

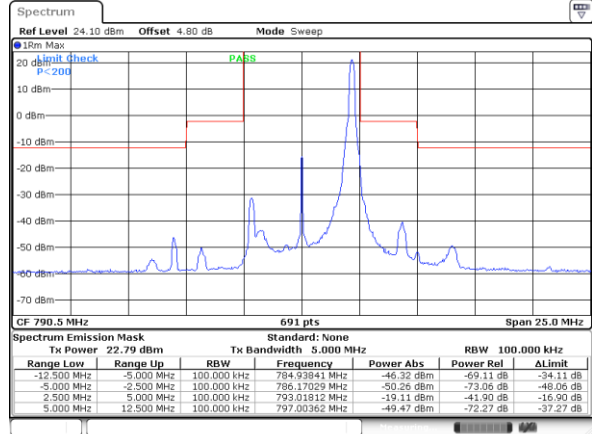
**Mask**

**LTE Band 14 / 5MHz / QPSK**

**Lowest Channel / 1RB**

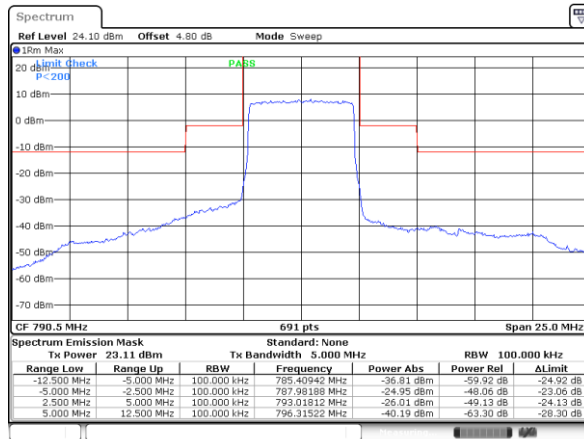


Date: 6 AUG 2020 22:38:26



Date: 6 AUG 2020 22:38:56

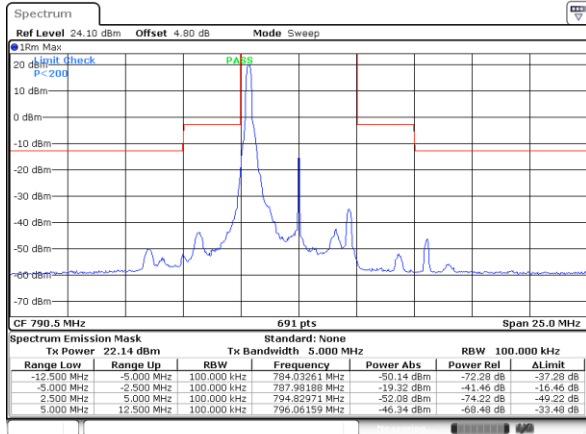
**Lowest Channel / Full RB**



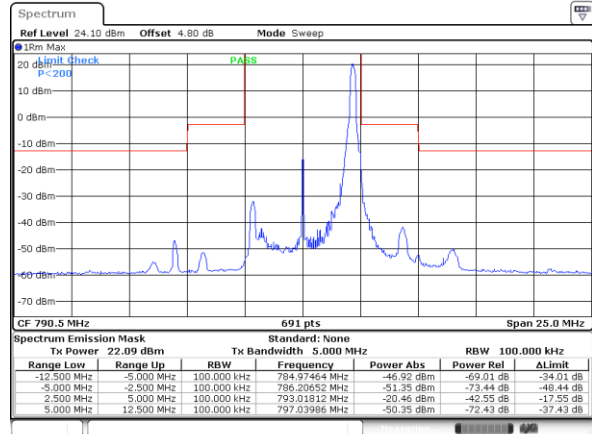
Date: 6 AUG 2020 23:28:01

LTE Band 14 / 5MHz / 16QAM

Lowest Channel / 1RB

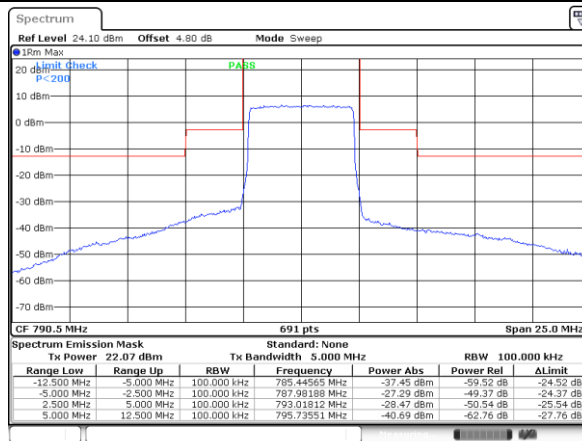


Date: 6 AUG 2020 22:37:56



Date: 6 AUG 2020 22:39:26

Lowest Channel / Full RB



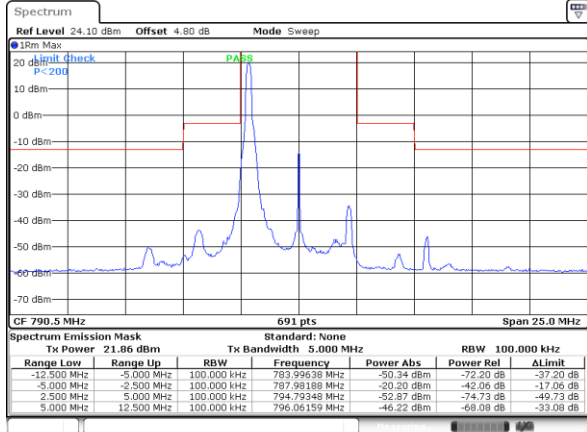
Date: 6 AUG 2020 23:28:31



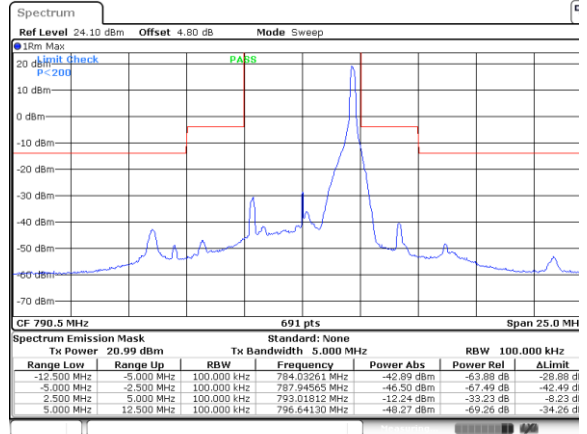


LTE Band 14 / 5MHz / 64QAM

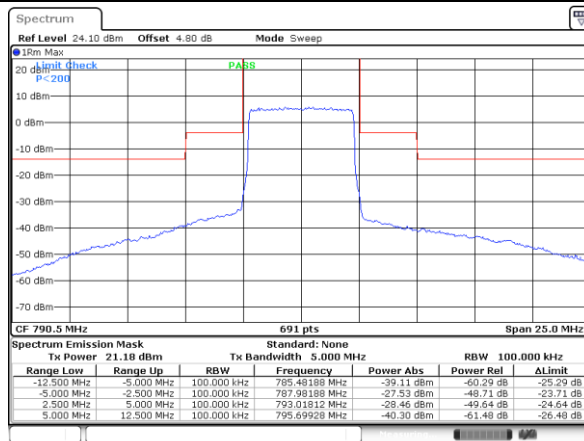
Lowest Channel / 1RB



Date: 6 AUG 2020 23:29:30



Lowest Channel / Full RB

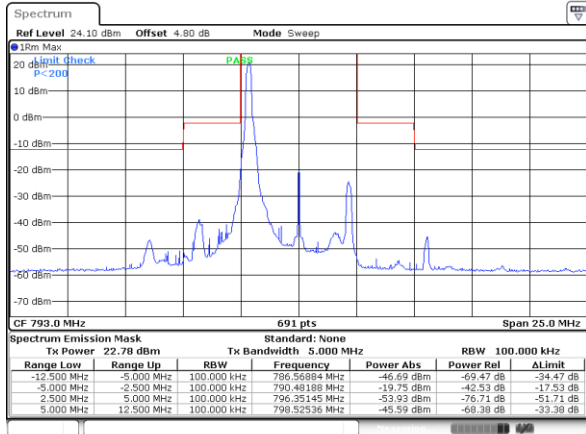


Date: 6 AUG 2020 23:29:00

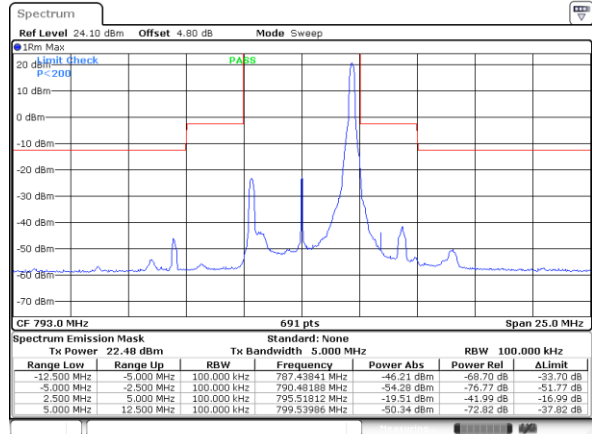


LTE Band 14 / 5MHz / QPSK

Middle Channel / 1RB

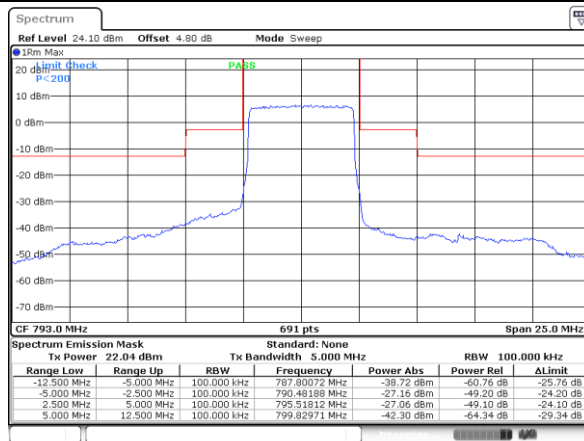


Date: 15 AUG 2020 00:15:35



Date: 15 AUG 2020 00:18:36

Middle Channel / Full RB

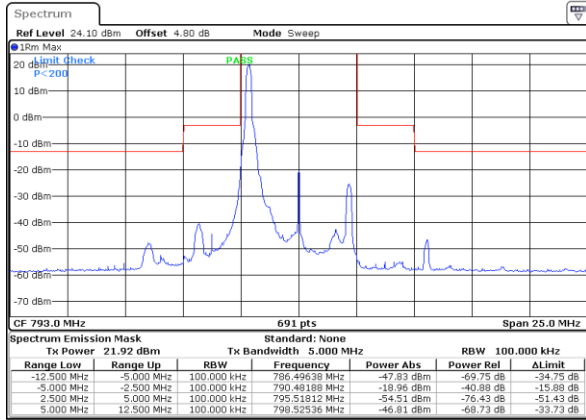


Date: 15 AUG 2020 00:19:15

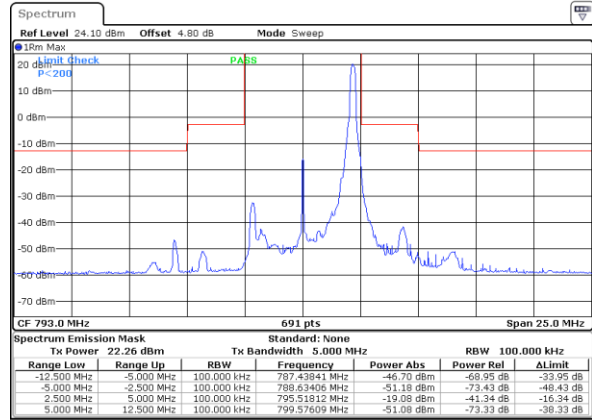


LTE Band 14 / 5MHz / 16QAM

Middle Channel / 1RB

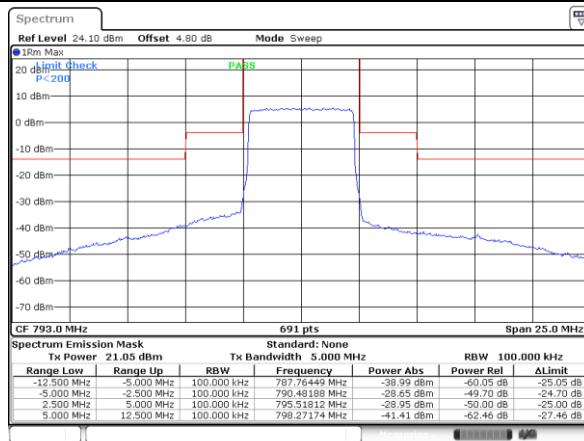


Date: 15 AUG 2020 00:16:10



Date: 6 AUG 2020 22:39:56

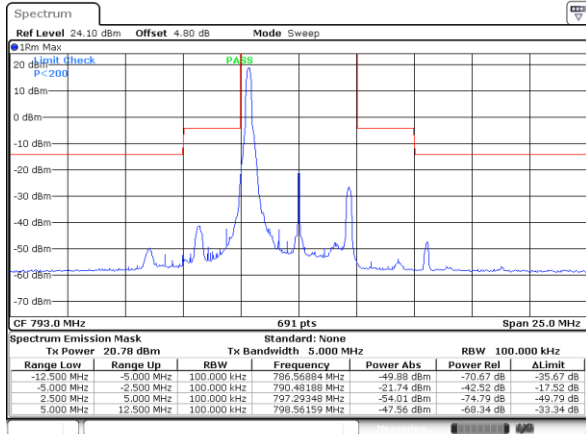
Middle Channel / Full RB



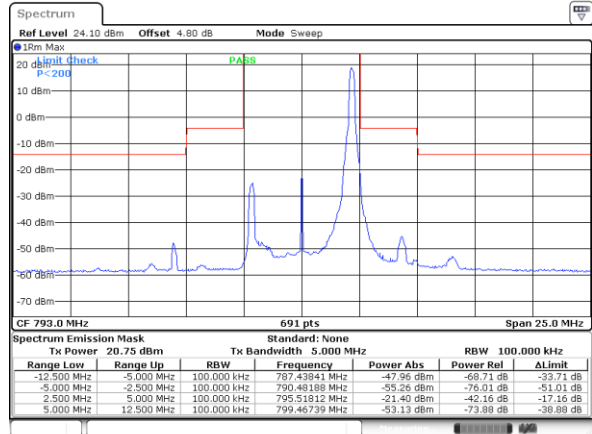
Date: 15 AUG 2020 00:19:49

**LTE Band 14 / 5MHz / 64QAM**

**Middle Channel / 1RB**

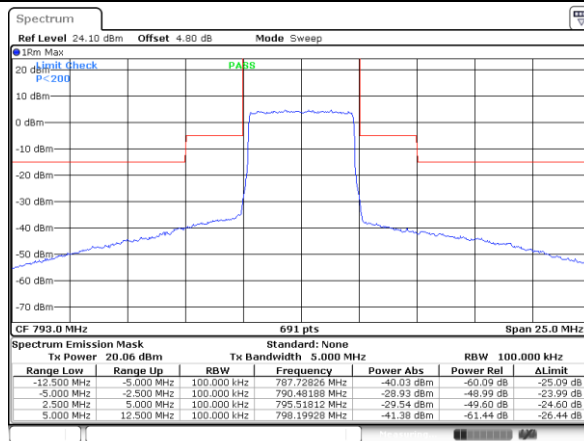


Date: 15 AUG 2020 00:16:44



Date: 15 AUG 2020 00:17:30

**Middle Channel / Full RB**

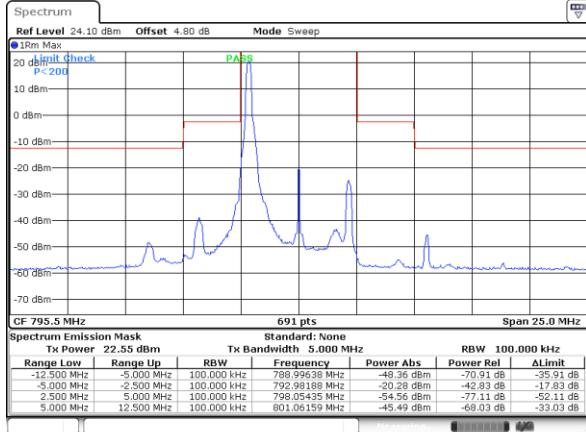


Date: 15 AUG 2020 00:20:20

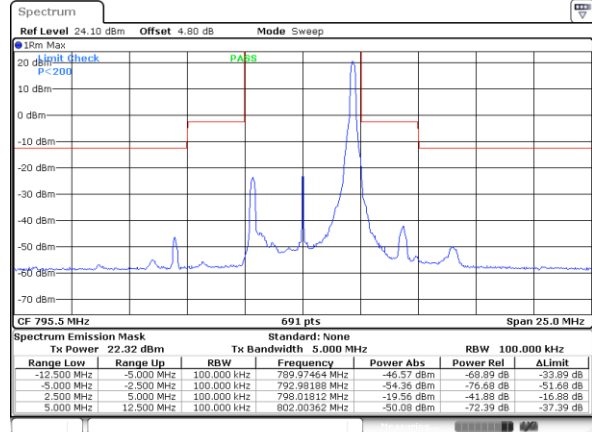


LTE Band 14 / 5MHz / QPSK

Highest Channel / 1RB

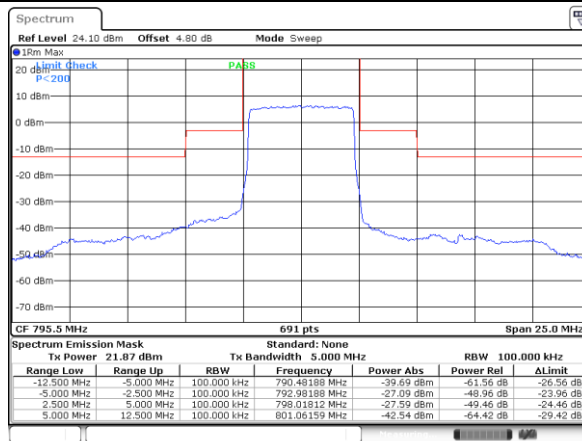


Date: 15 AUG 2020 00:25:41



Date: 15 AUG 2020 00:22:57

Highest Channel / Full RB

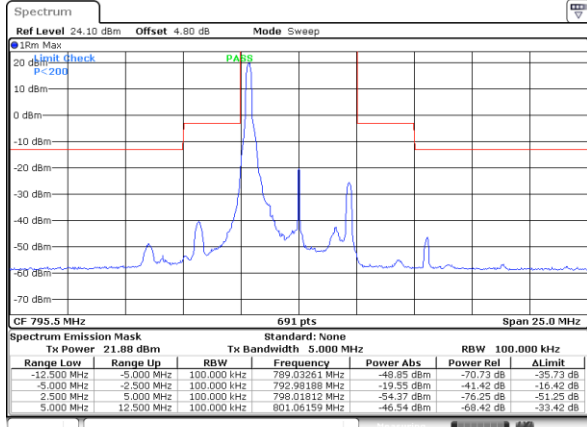


Date: 15 AUG 2020 00:22:21

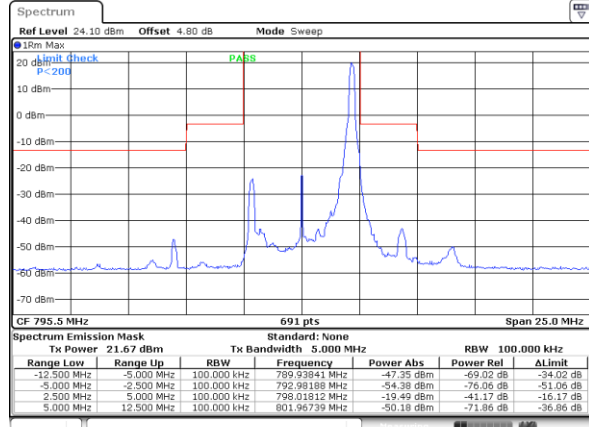


LTE Band 14 / 5MHz / 16QAM

Highest Channel / 1RB

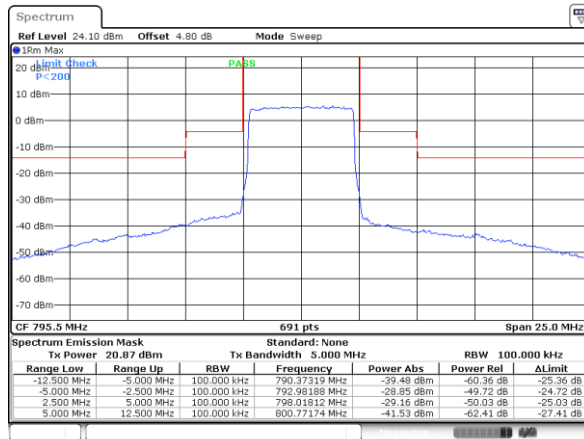


Date: 15 AUG 2020 00:25:10



Date: 15 AUG 2020 00:23:30

Highest Channel / Full RB

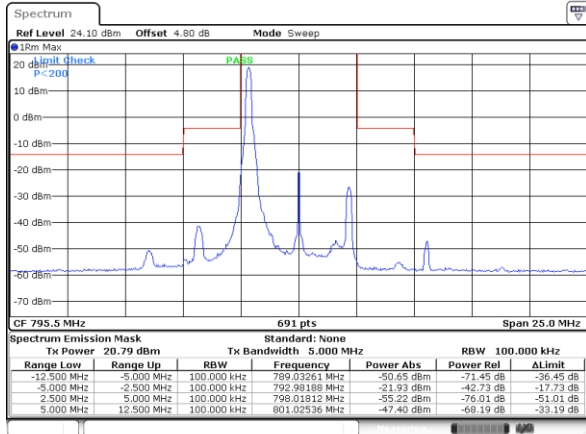


Date: 15 AUG 2020 00:21:47

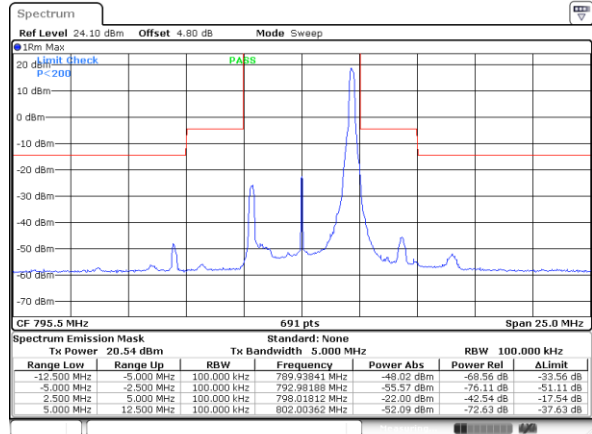


LTE Band 14 / 5MHz / 64QAM

Highest Channel / 1RB

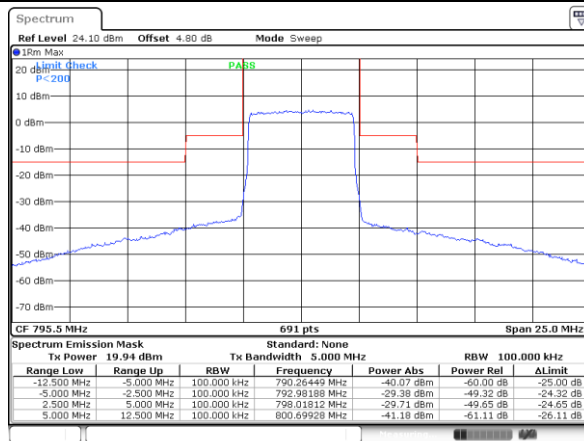


Date: 15 AUG 2020 00:24:38



Date: 15 AUG 2020 00:24:04

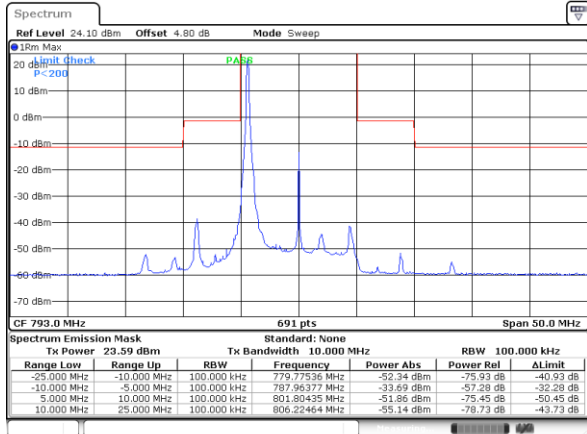
Highest Channel / Full RB



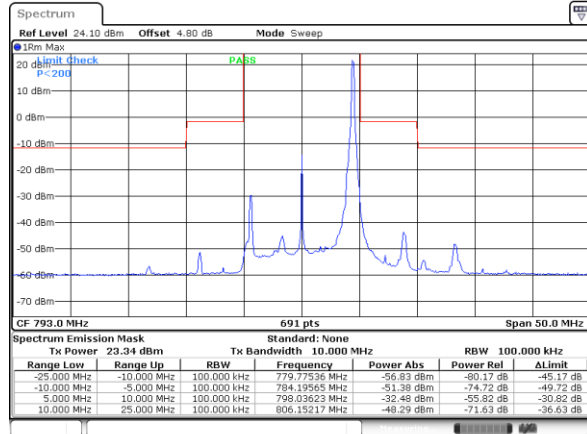
Date: 15 AUG 2020 00:21:04

LTE Band 14 / 10MHz / QPSK

Middle Channel / 1RB

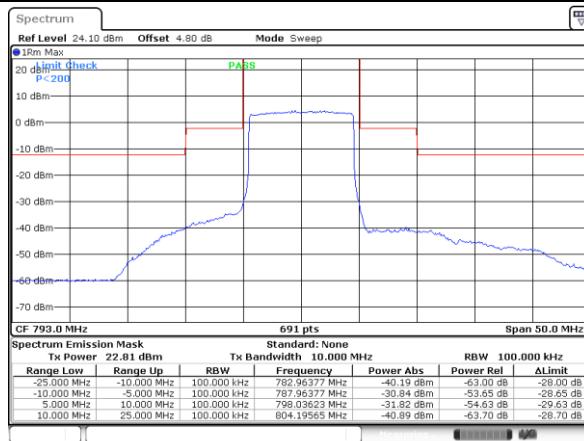


Date: 6 AUG 2020 23:39:08



Date: 6 AUG 2020 23:38:38

Middle Channel / Full RB



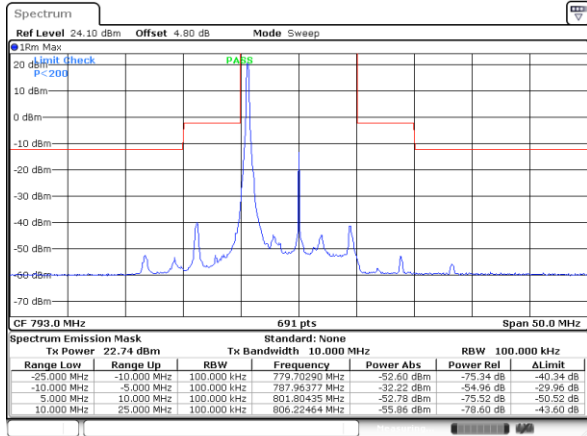
Date: 6 AUG 2020 23:41:37



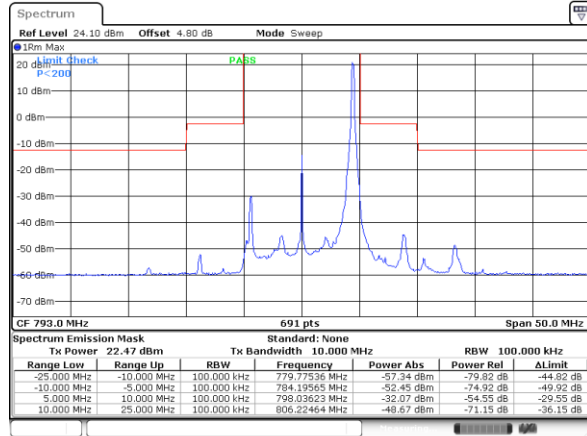


LTE Band 14 / 10MHz / 16QAM

Middle Channel / 1RB

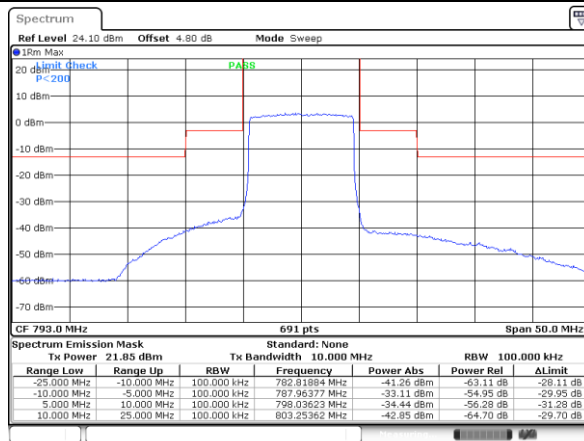


Date: 6 AUG 2020 23:39:38



Date: 6 AUG 2020 23:38:08

Middle Channel / Full RB

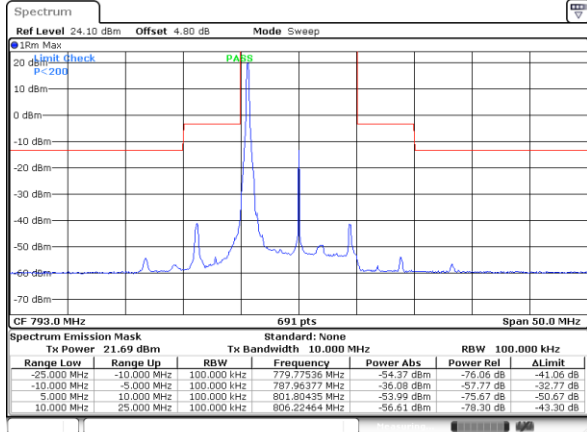


Date: 6 AUG 2020 23:41:07

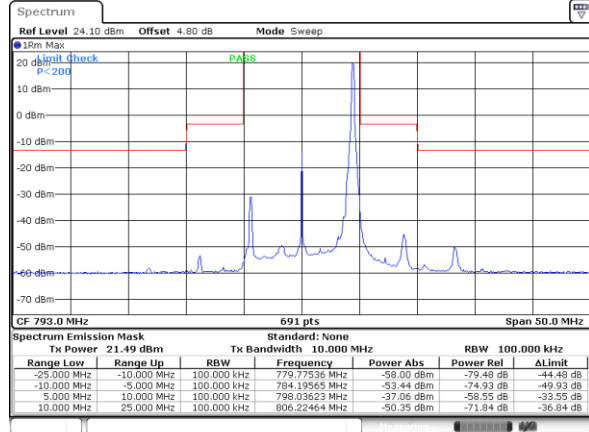


LTE Band 14 / 10MHz / 64QAM

Middle Channel / 1RB

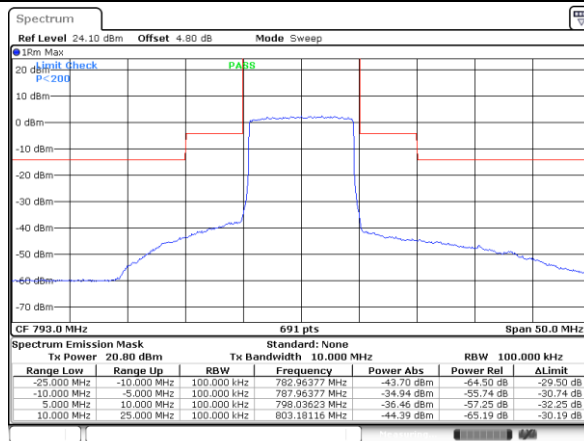


Date: 6 AUG 2020 23:40:07



Date: 6 AUG 2020 23:37:39

Middle Channel / Full RB



Date: 6 AUG 2020 23:40:37

## Frequency Stability

Test Conditions		LTE Band 14 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	1.25ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0044	PASS
40	Normal Voltage	0.0035	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0026	
0	Normal Voltage	0.0040	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0044	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0037	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0026	

**Note:** Normal Voltage =4.0 V. ; Battery End Point (BEP) =3.8 V. ; Maximum Voltage =4.4 V.



### Appendix B. Test Results of Radiated Test

#### Field Strength of Spurious Radiated

LTE Band 14 / QPSK / RB Size 1 Offset 0								
Bandwidth	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
10MHz	1578	-68.37	-42.15	-26.22	-71.00	1.09	5.87	H
	2366	-66.48	-13	-53.48	-68.88	1.37	5.92	H
	3156	-64.75	-13	-51.75	-68.64	1.64	7.68	H
	1578	-68.01	-42.15	-25.86	-70.64	1.09	5.87	V
	2366	-66.46	-13	-53.46	-68.86	1.37	5.92	V
	3156	-64.75	-13	-51.75	-68.64	1.64	7.68	V
Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.								
Test Result					PASS			