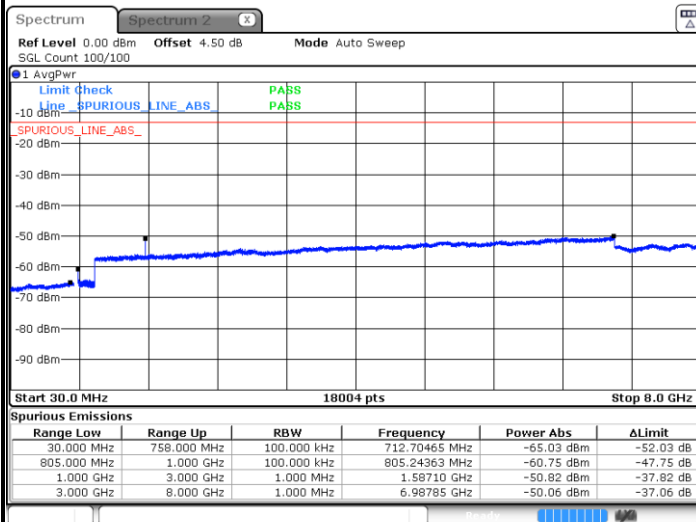


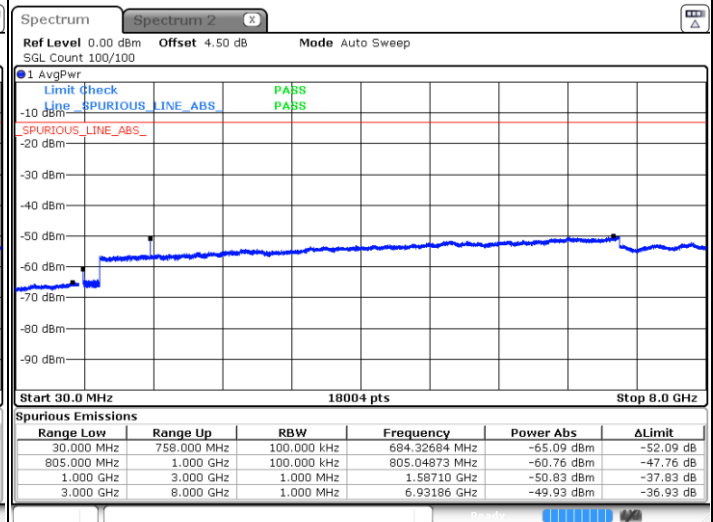


LTE Band 14 / 5MHz

Highest Channel / QPSK

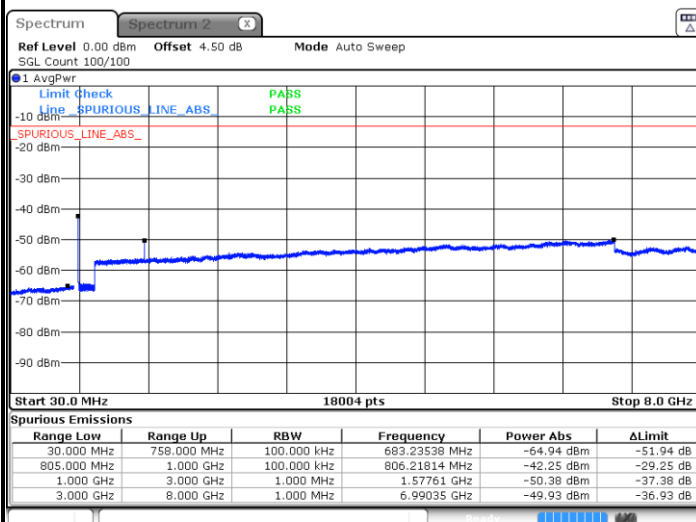


Highest Channel / 16QAM

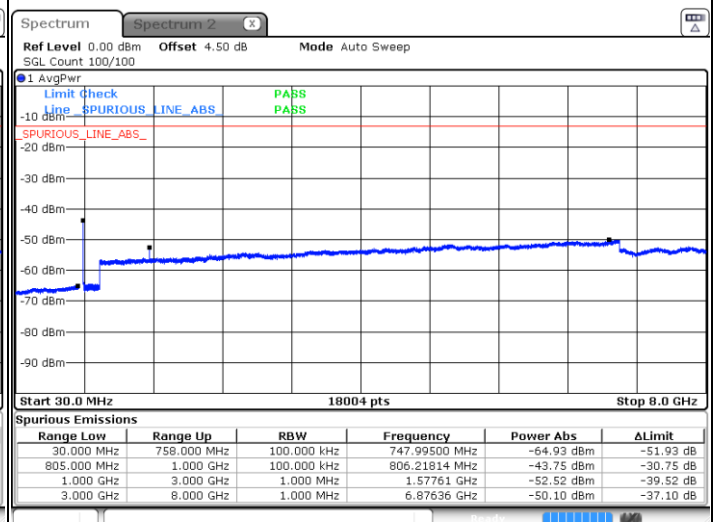


LTE Band 14 / 10MHz

Middle Channel / QPSK



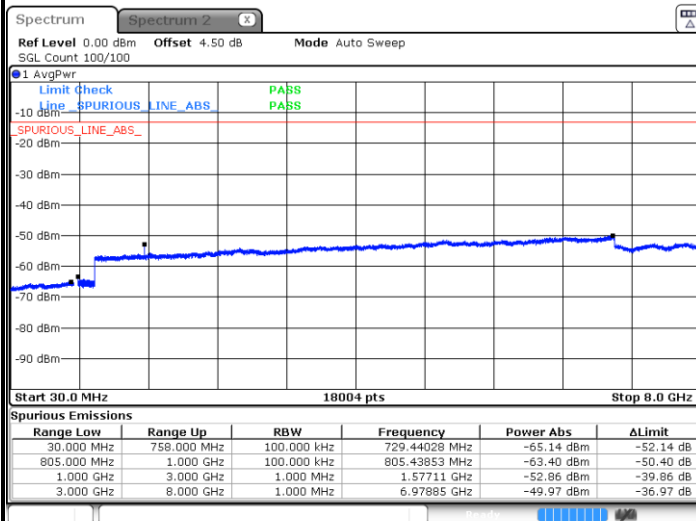
Middle Channel / 16QAM





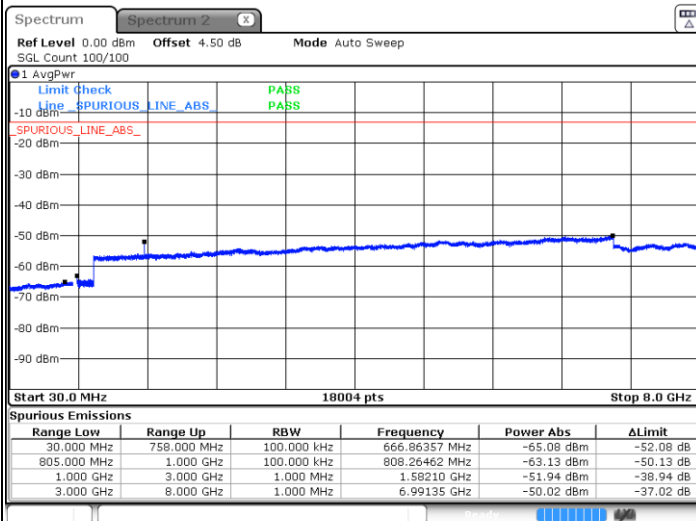
LTE Band 14 / 5MHz

Lowest Channel / 64QAM



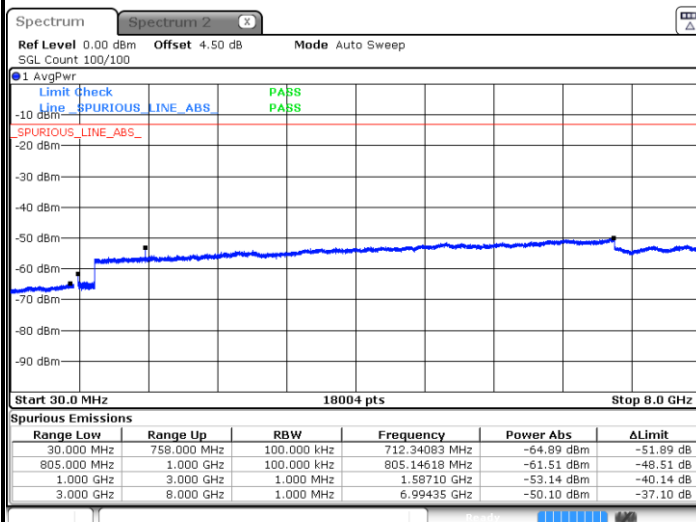
Date: 31.MAR.2020 22:15:30

Middle Channel / 64QAM



Date: 31.MAR.2020 22:16:10

Highest Channel / 64QAM

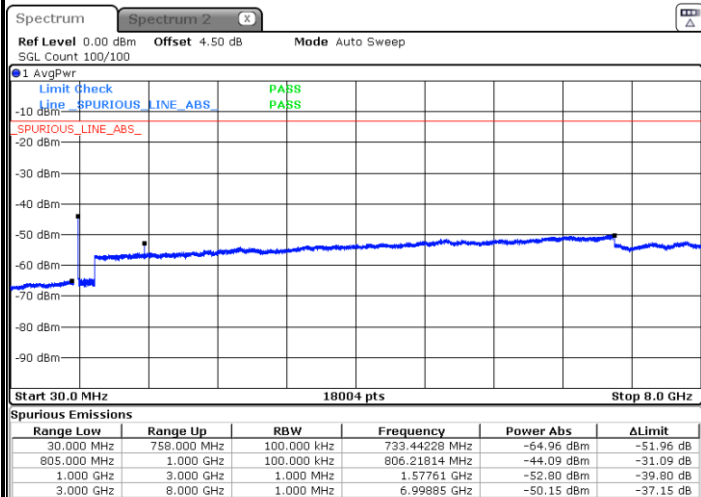


Date: 31.MAR.2020 22:17:35



LTE Band 14 / 10MHz

Middle Channel / 64QAM

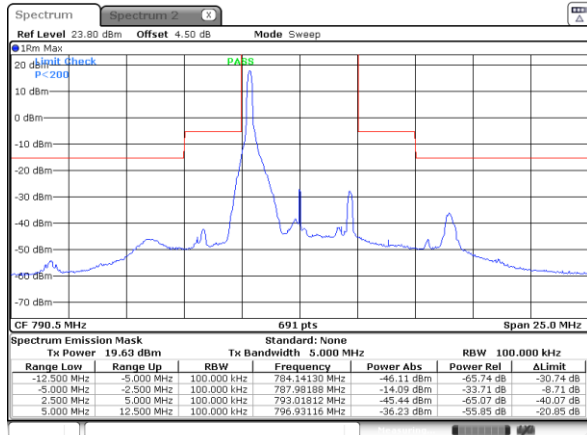


Date: 31 MAR 2020 22:20:42

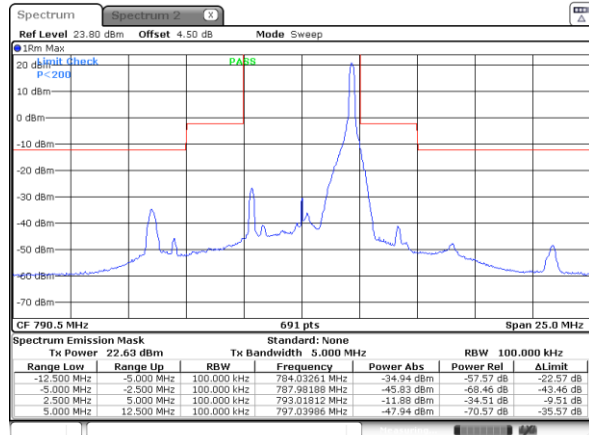
Mask

LTE Band 14 / 5MHz / QPSK

Lowest Channel / 1RB

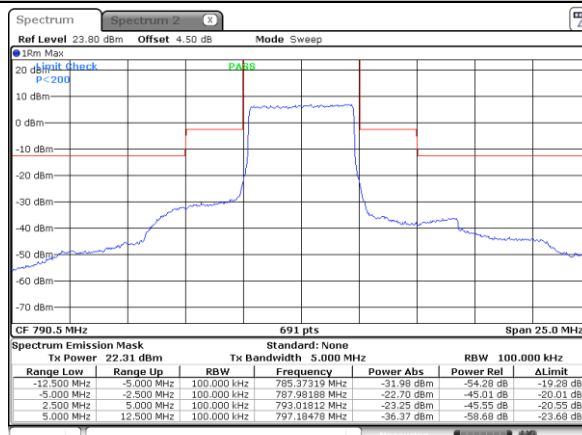


Date: 31 MAR 2020 22:29:45



Date: 31 MAR 2020 22:30:15

Lowest Channel / Full RB

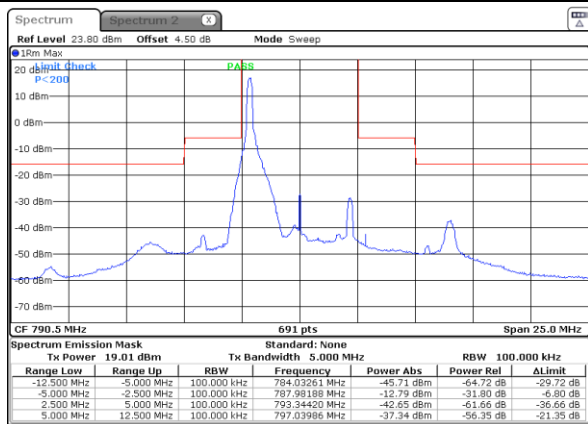


Date: 31 MAR 2020 22:27:16

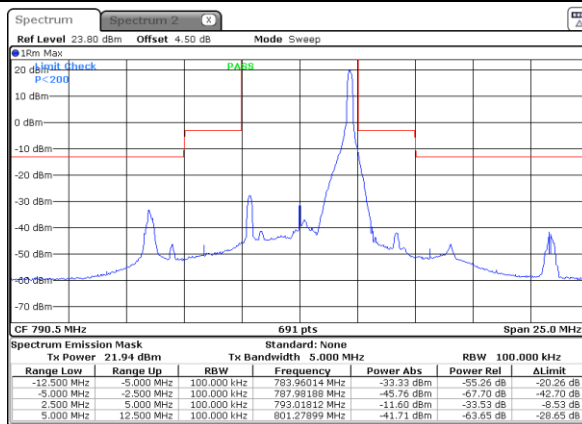


LTE Band 14 / 5MHz / 16QAM

Lowest Channel / 1RB

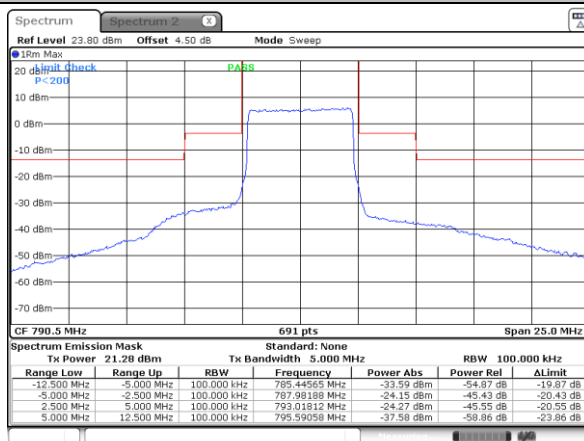


Date: 31 MAR 2020 22:29:15



Date: 31 MAR 2020 22:30:45

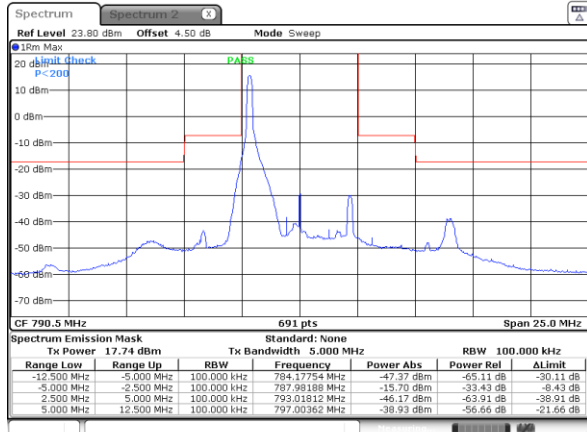
Lowest Channel / Full RB



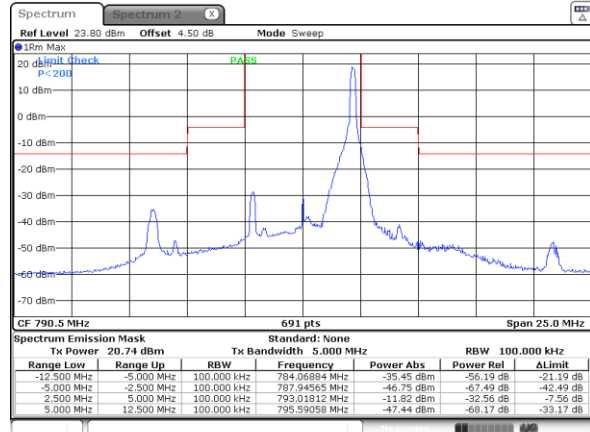
Date: 31 MAR 2020 22:27:46

LTE Band 14 / 5MHz / 64QAM

Lowest Channel / 1RB

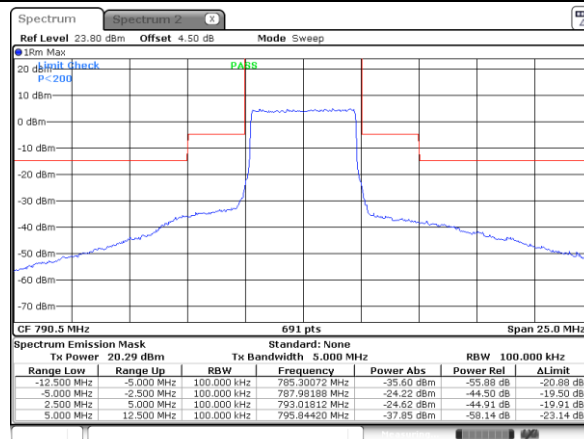


Date: 31 MAR 2020 22:28:46



Date: 31 MAR 2020 22:31:15

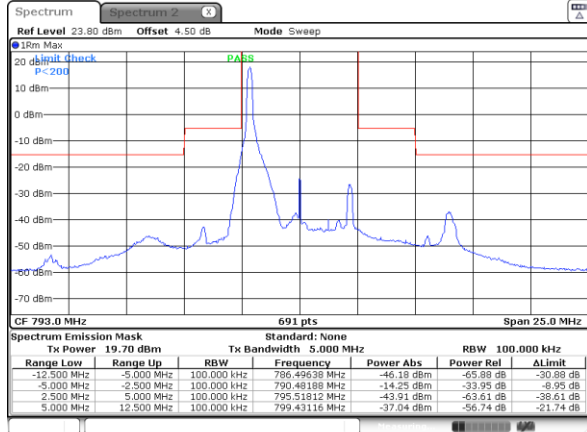
Lowest Channel / Full RB



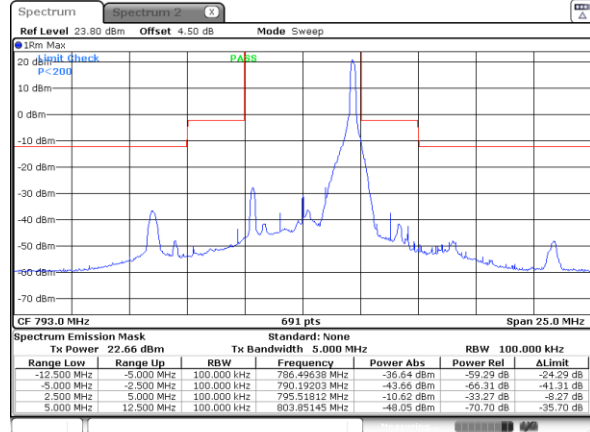
Date: 31 MAR 2020 22:28:16

LTE Band 14 / 5MHz / QPSK

Middle Channel / 1RB

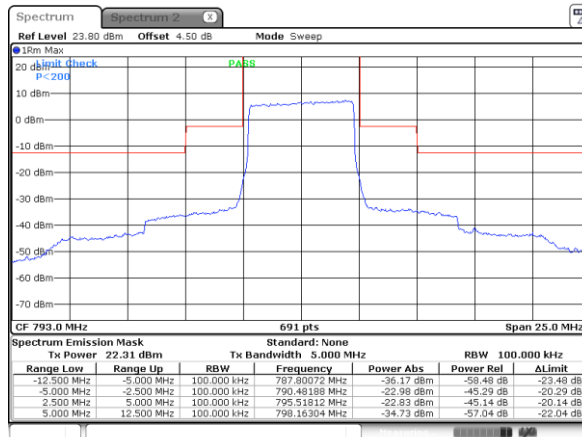


Date: 31 MAR 2020 22:33:15



Date: 31 MAR 2020 22:32:45

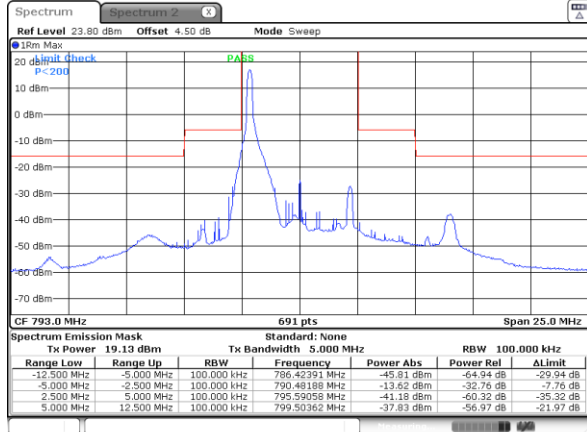
Middle Channel / Full RB



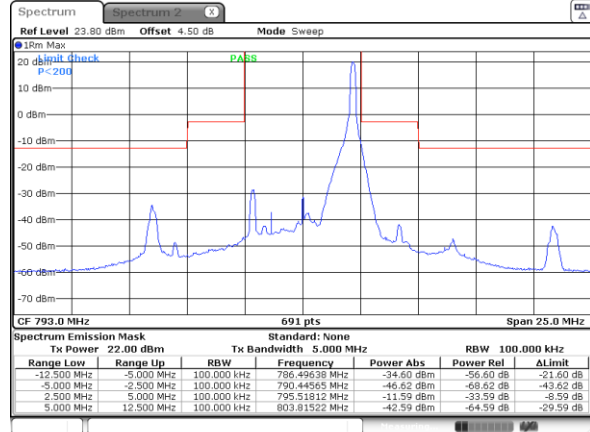
Date: 31 MAR 2020 22:35:44

LTE Band 14 / 5MHz / 16QAM

Middle Channel / 1RB

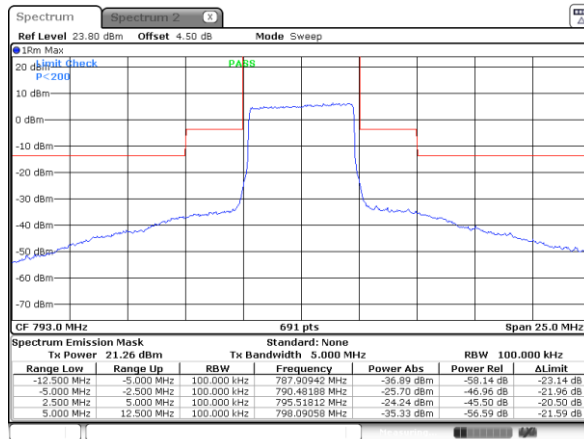


Date: 31 MAR 2020 22:33:44

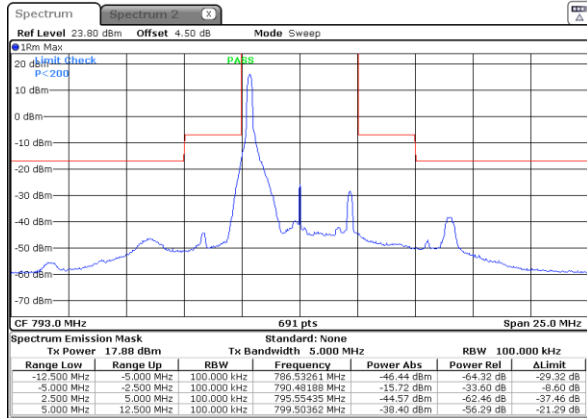


Date: 31 MAR 2020 22:32:15

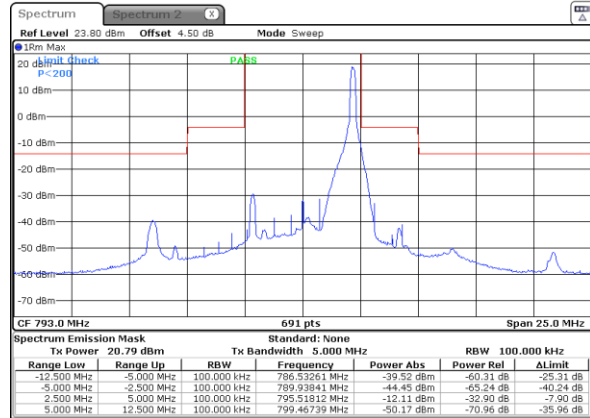
Middle Channel / Full RB



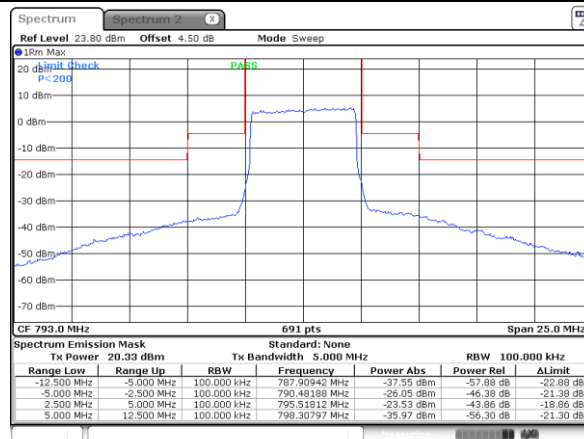
Date: 31 MAR 2020 22:35:14

LTE Band 14 / 5MHz / 64QAM
Middle Channel / 1RB


Date: 31 MAR 2020 22:34:14



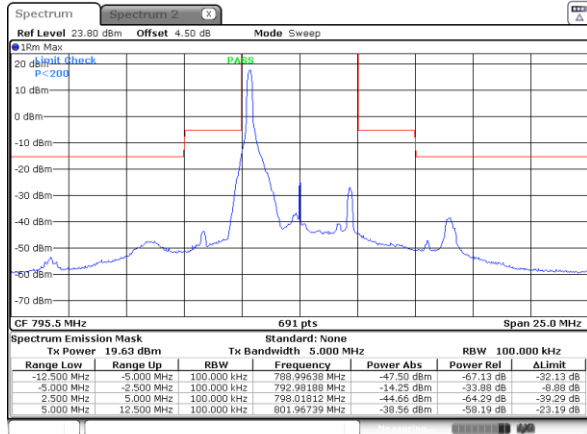
Date: 31 MAR 2020 22:31:45

Middle Channel / Full RB


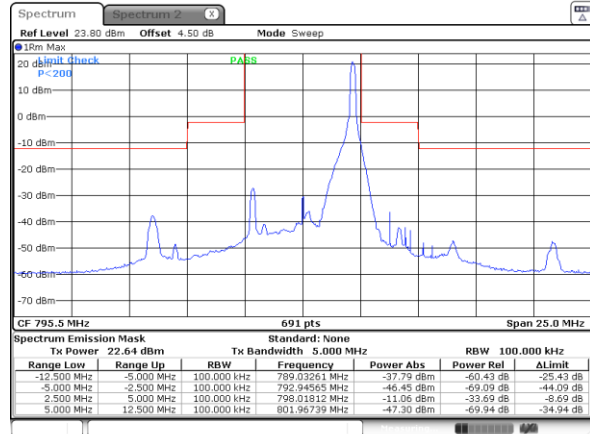
Date: 31 MAR 2020 22:34:44

LTE Band 14 / 5MHz / QPSK

Highest Channel / 1RB

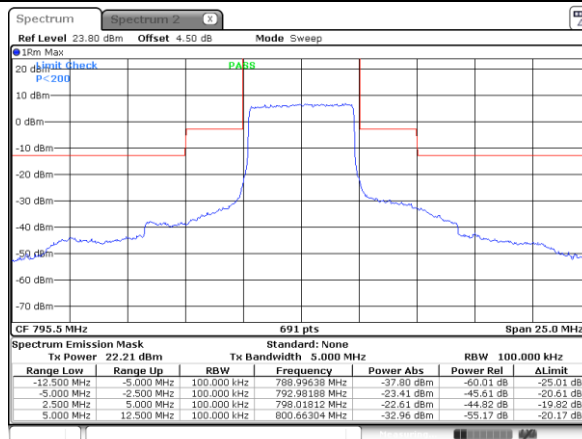


Date: 31 MAR 2020 22:38:43



Date: 31 MAR 2020 22:38:13

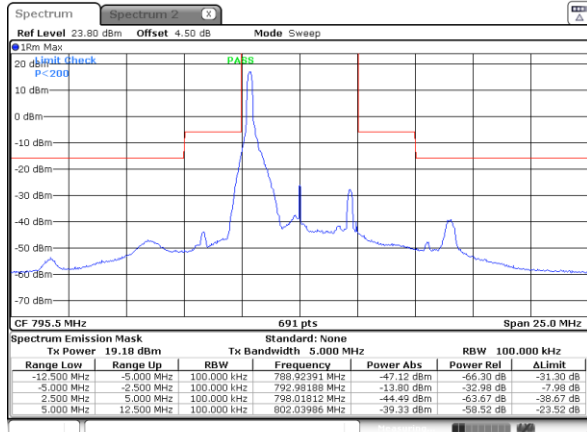
Highest Channel / Full RB



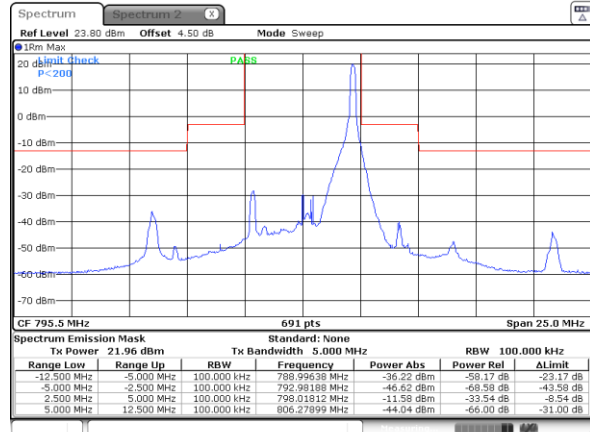
Date: 31 MAR 2020 22:36:14

LTE Band 14 / 5MHz / 16QAM

Highest Channel / 1RB

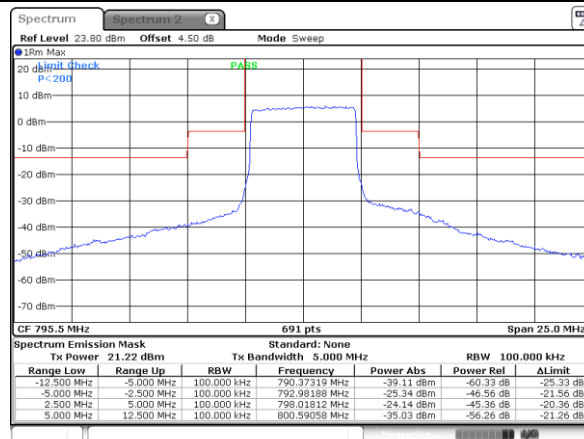


Date: 31 MAR 2020 22:38:13



Date: 31 MAR 2020 22:38:42

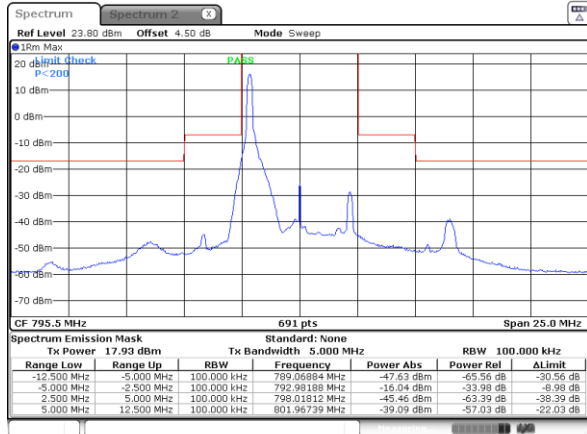
Highest Channel / Full RB



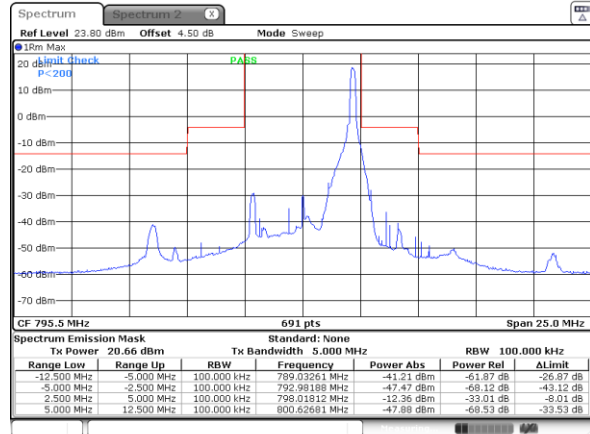
Date: 31 MAR 2020 22:36:44

LTE Band 14 / 5MHz / 64QAM

Highest Channel / 1RB

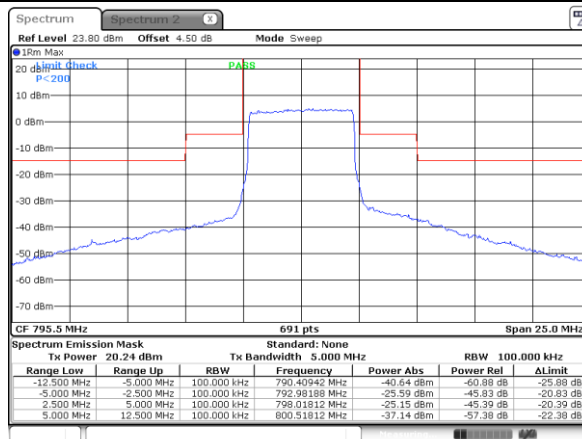


Date: 31 MAR 2020 22:37:43

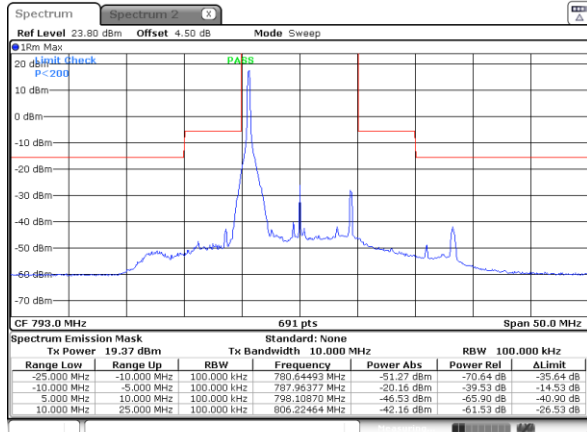


Date: 31 MAR 2020 22:40:12

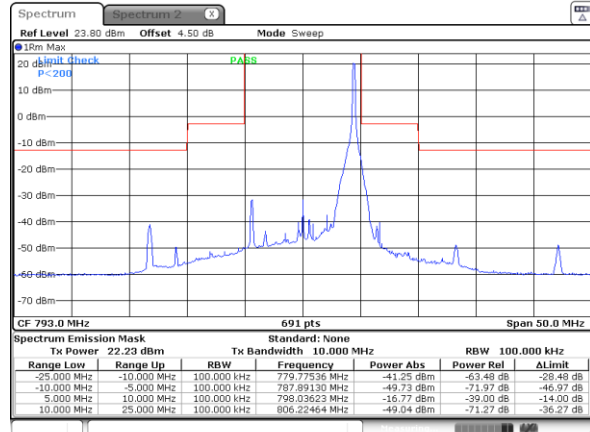
Highest Channel / Full RB



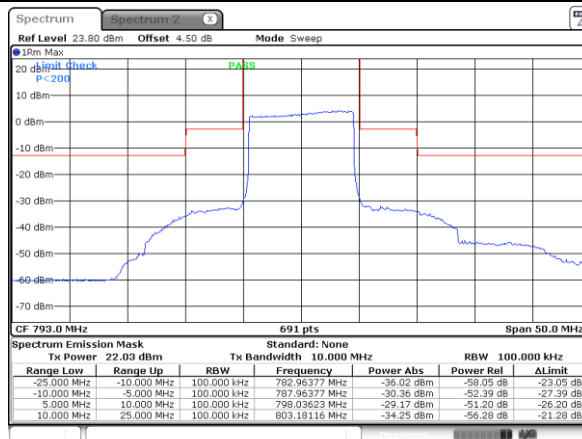
Date: 31 MAR 2020 22:37:14

LTE Band 14 / 10MHz / QPSK
Middle Channel / 1RB


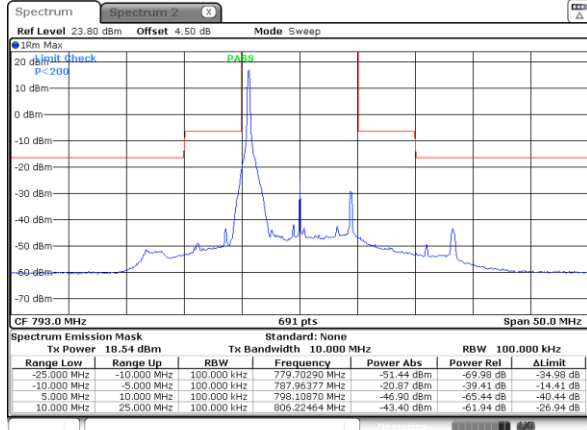
Date: 31 MAR 2020 22:42:12



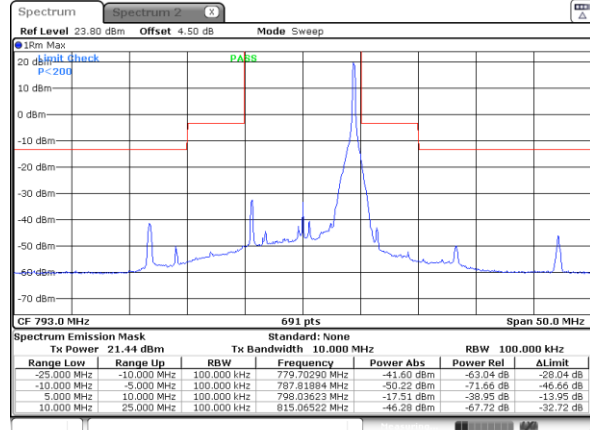
Date: 31 MAR 2020 22:41:42

Middle Channel / Full RB


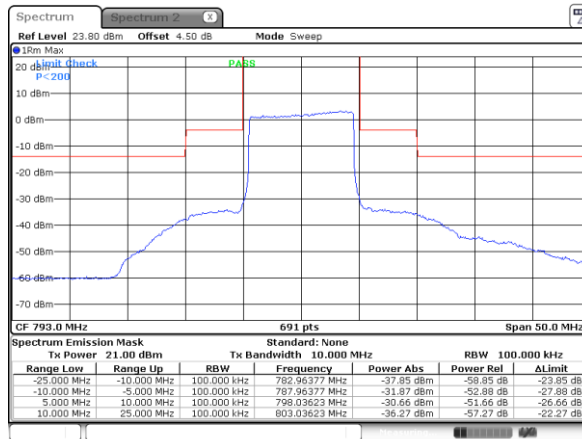
Date: 31 MAR 2020 22:44:42

LTE Band 14 / 10MHz / 16QAM
Middle Channel / 1RB


Date: 31 MAR 2020 22:42:42



Date: 31 MAR 2020 22:41:12

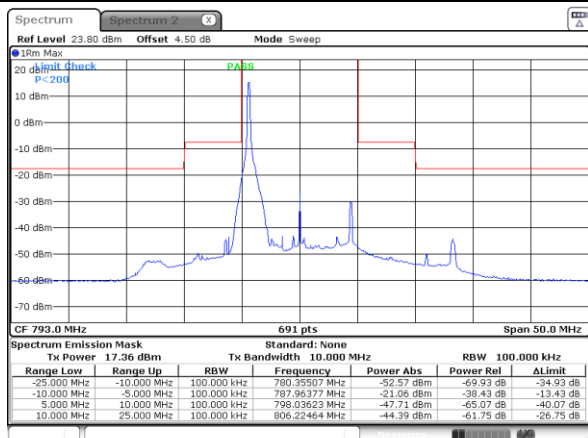
Middle Channel / Full RB


Date: 31 MAR 2020 22:44:12

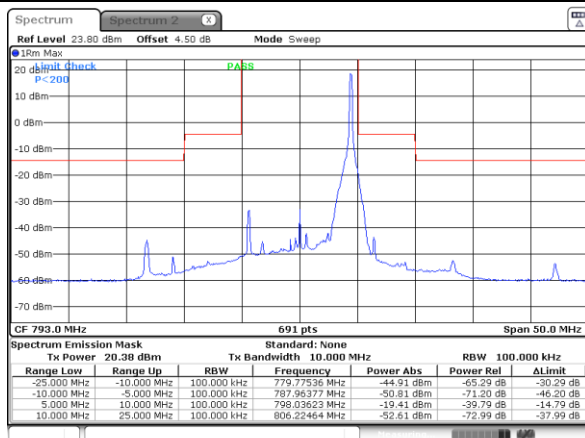


LTE Band 14 / 10MHz / 64QAM

Middle Channel / 1RB

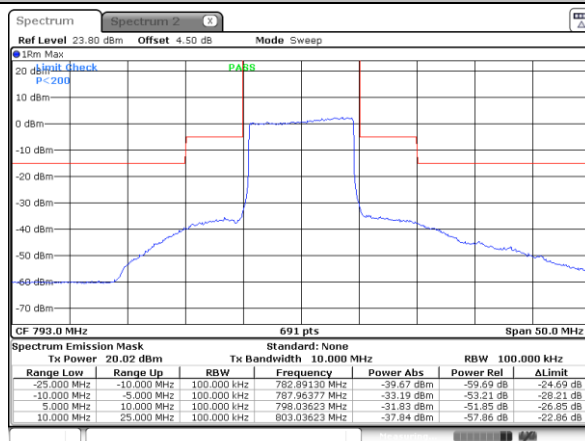


Date: 31 MAR 2020 22:43:12



Date: 31 MAR 2020 22:40:42

Middle Channel / Full RB



Date: 31 MAR 2020 22:43:42

Frequency Stability

Test Conditions		LTE Band 14 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0024	
-30	Normal Voltage	0.0029	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0013	

Note:

1. Normal Voltage =4 V. ; Battery End Point (BEP) =3.7 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Field Strength of Spurious Radiated

LTE Band 14 / 10MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1578	-67.28	-42.15	-25.13	-69.91	1.09	5.87	H
	2366	-65.01	-13	-52.01	-67.41	1.37	5.92	H
	3156	-63.21	-13	-50.21	-67.10	1.64	7.68	H
	1578	-67.50	-42.15	-25.35	-70.13	1.09	5.87	V
	2366	-64.29	-13	-51.29	-66.69	1.37	5.92	V
	3156	-63.44	-13	-50.44	-67.33	1.64	7.68	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.