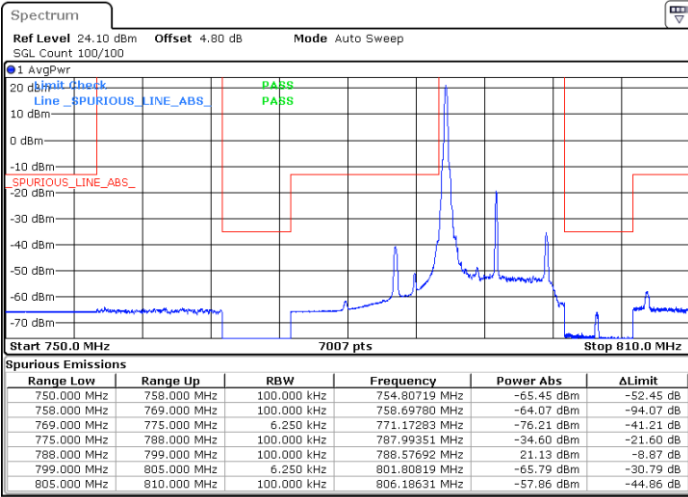




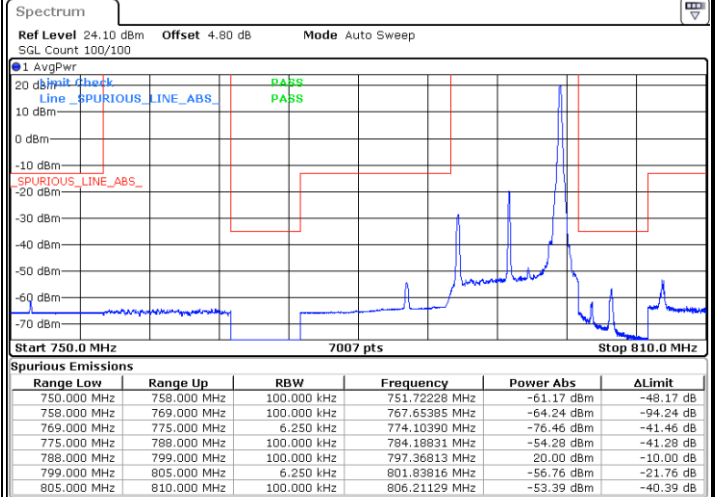
LTE Band 14 / 10MHz / 64QAM

Band Edge / 1 RB

Band Edge / 1 RBMAX

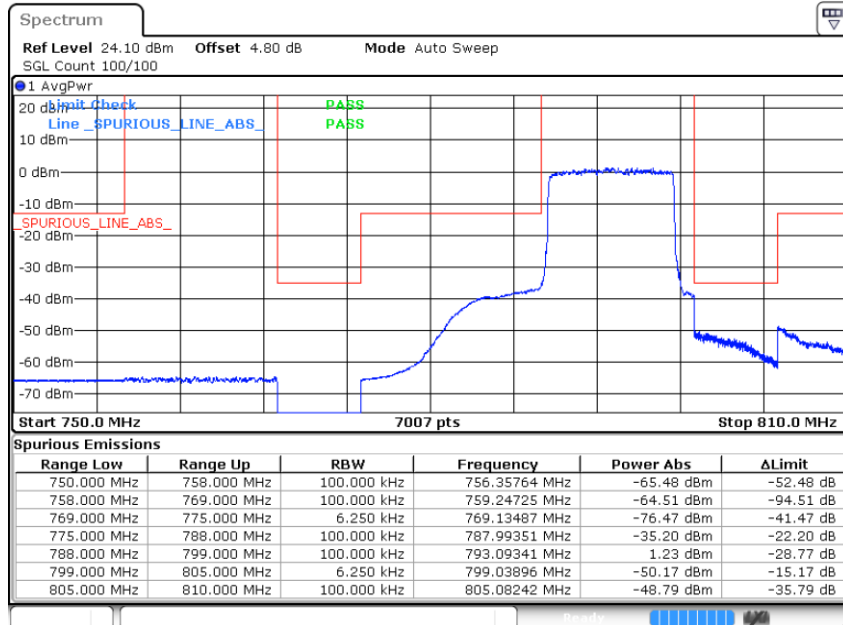


Date: 3 SEP. 2020 13:26:55



Date: 3 SEP. 2020 13:27:57

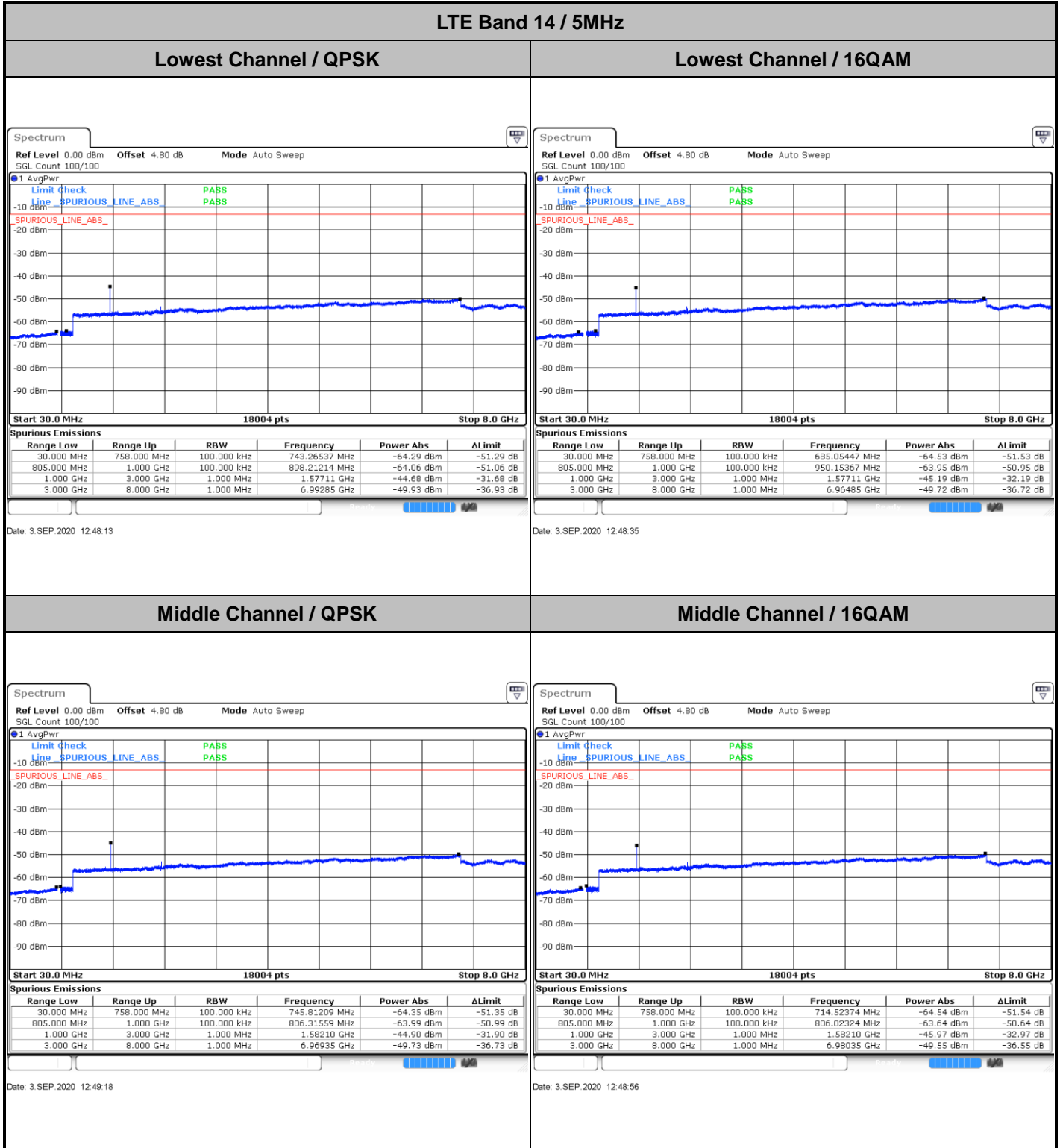
Band Edge / Full RB

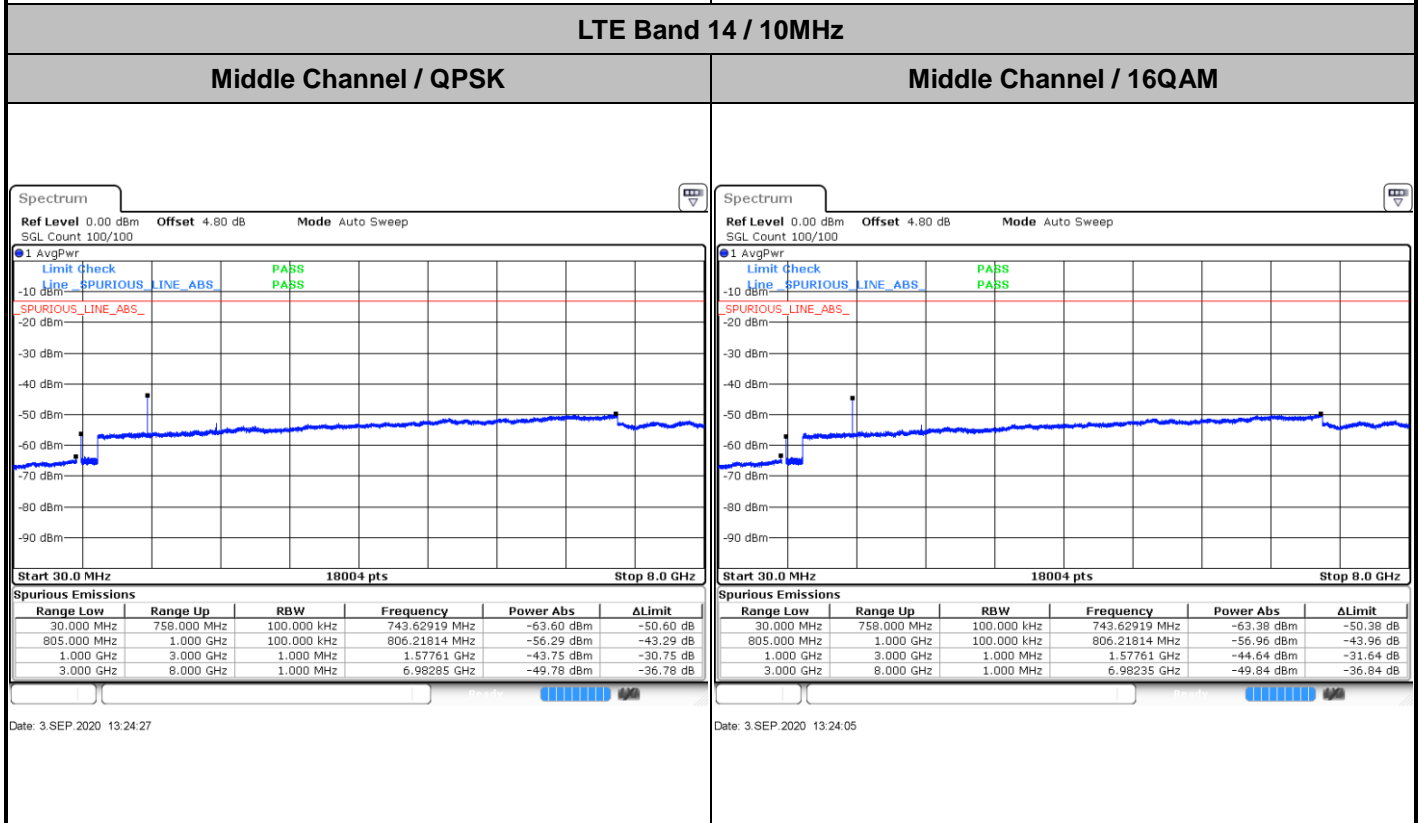
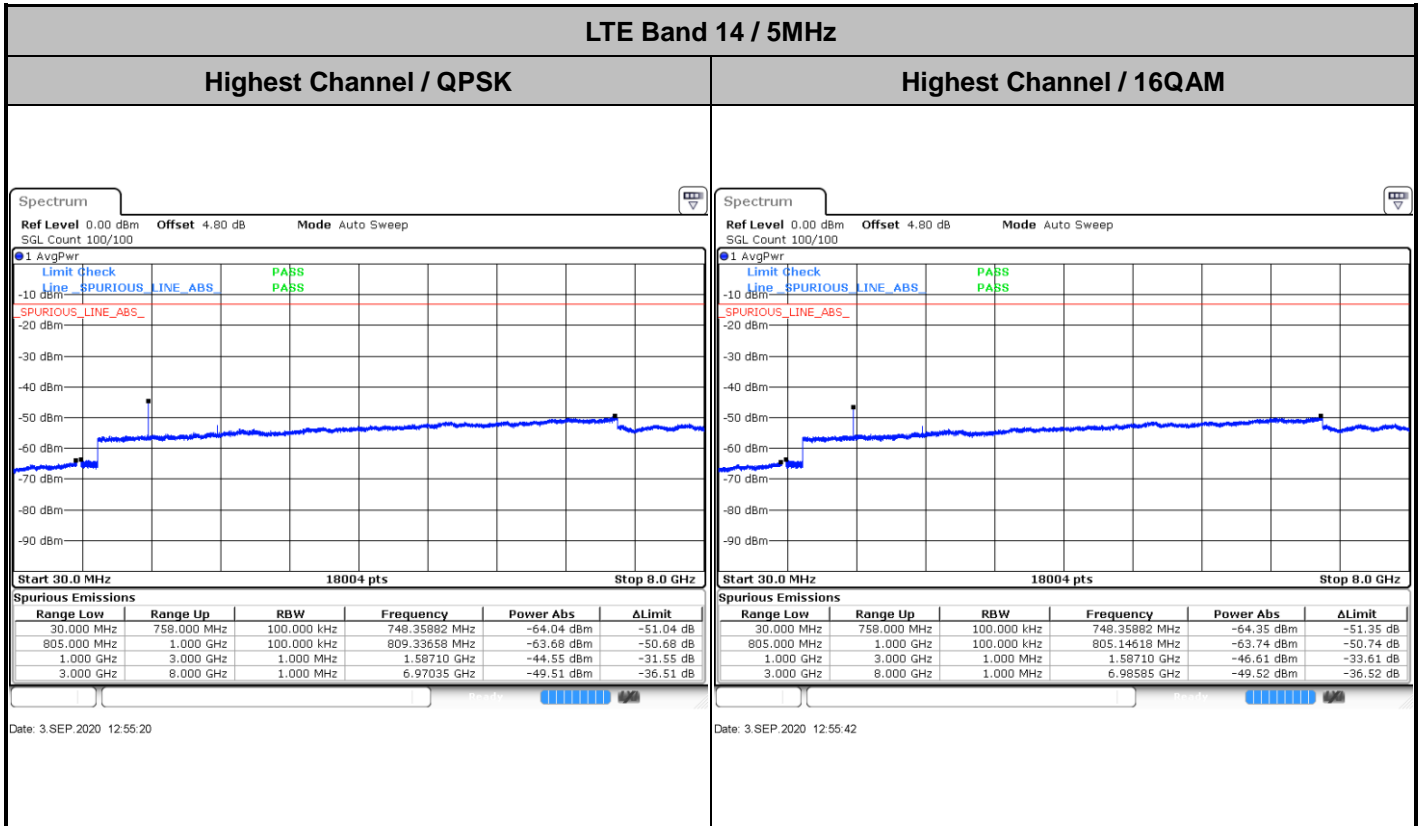


Date: 3 SEP. 2020 13:25:52



Conducted Spurious Emission



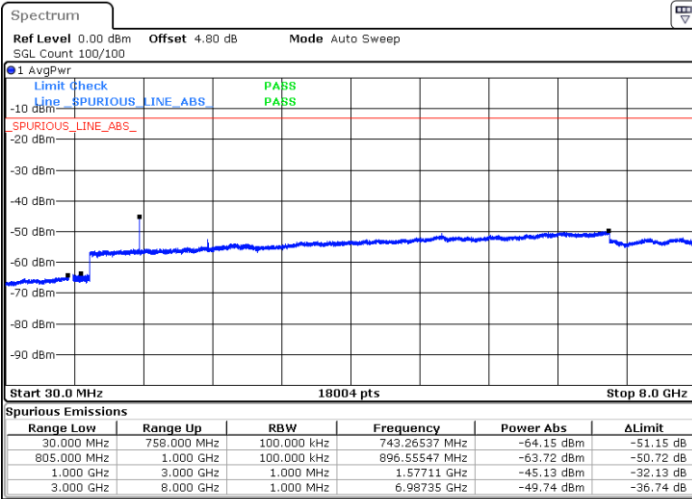




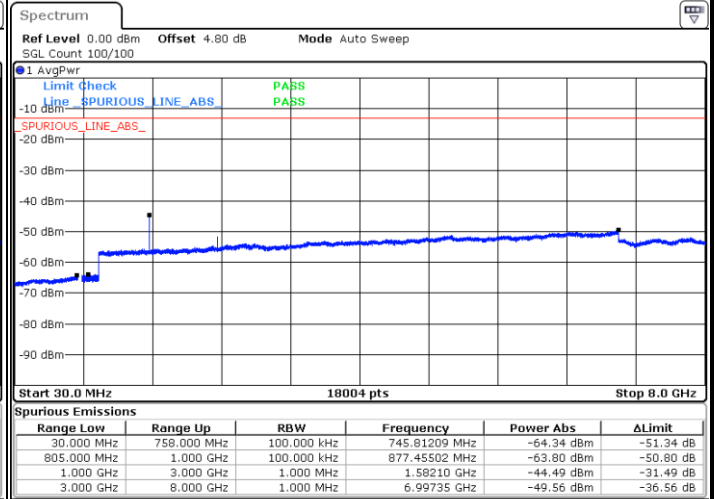
LTE Band 14 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

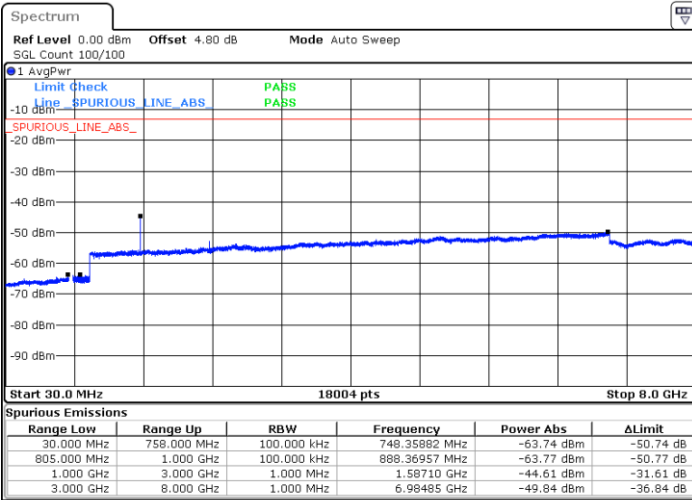


Date: 3 SEP. 2020 12:58:31

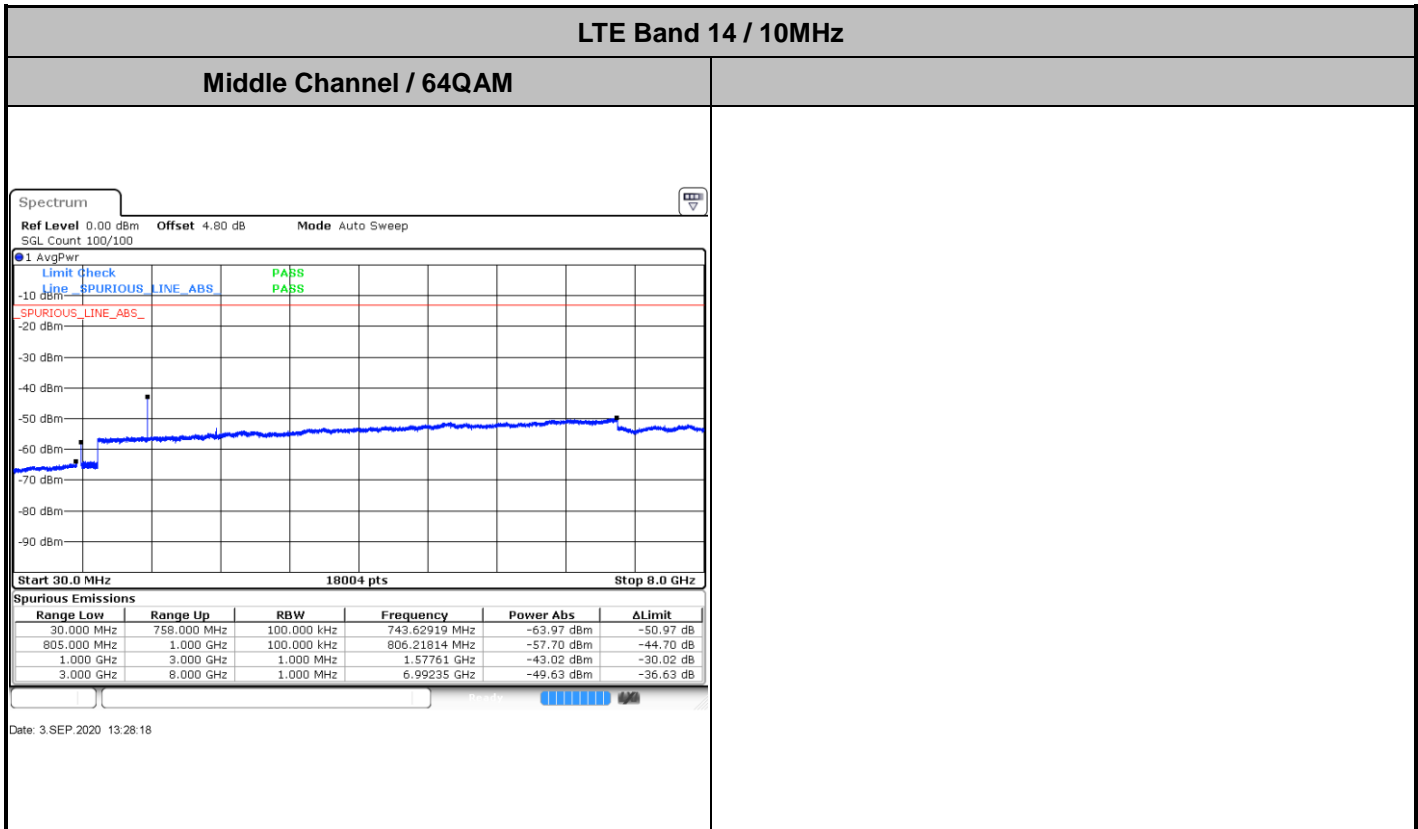


Date: 3 SEP. 2020 12:58:52

Highest Channel / 64QAM



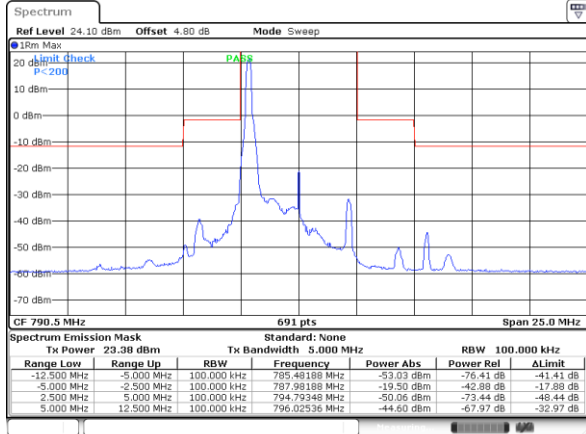
Date: 3 SEP. 2020 13:02:04



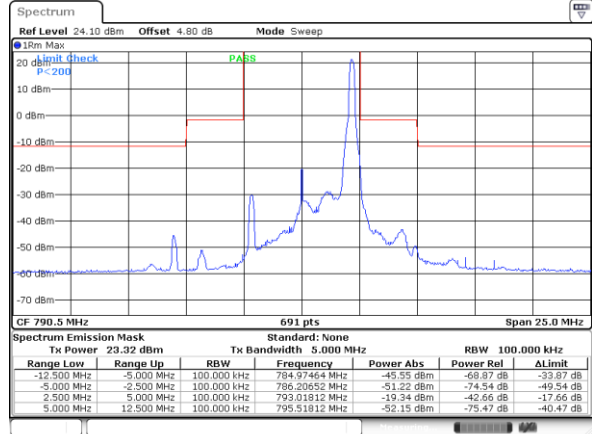
Mask

LTE Band 14 / 5MHz / QPSK

Lowest Channel / 1RB

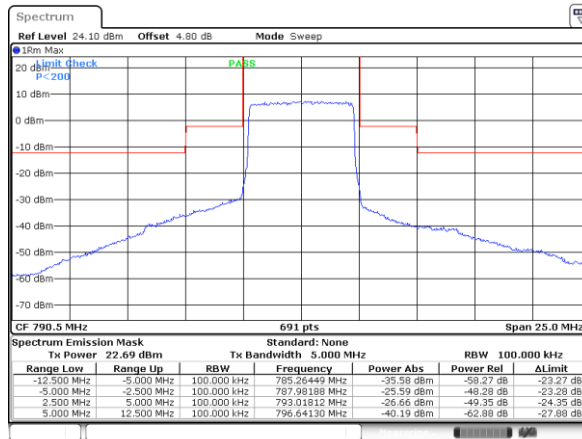


Date: 3.SEP.2020 14:27:09



Date: 3.SEP.2020 14:27:39

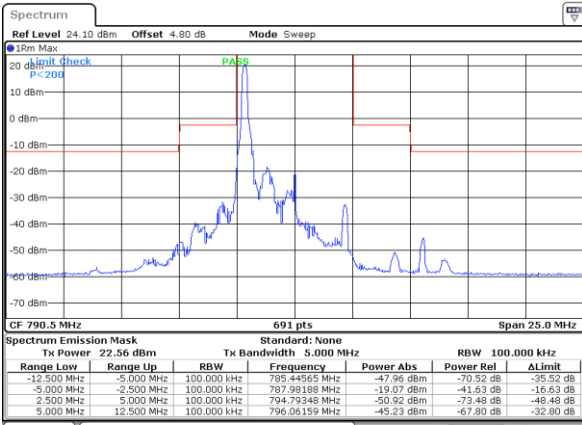
Lowest Channel / Full RB



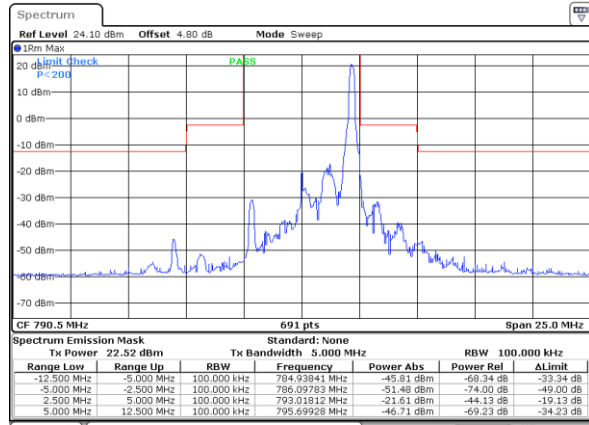
Date: 3.SEP.2020 14:24:40

LTE Band 14 / 5MHz / 16QAM

Lowest Channel / 1RB

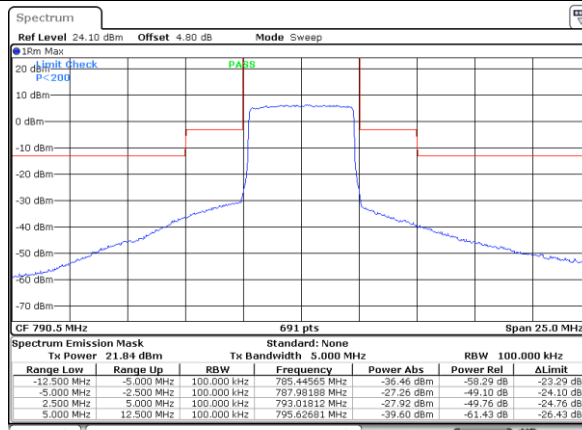


Date: 3 SEP 2020 14:26:40



Date: 3 SEP 2020 14:28:09

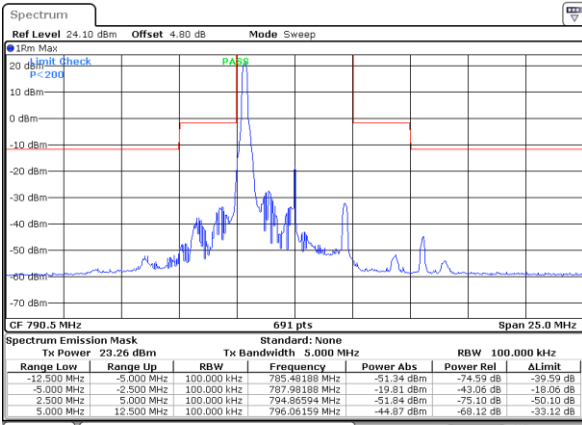
Lowest Channel / Full RB



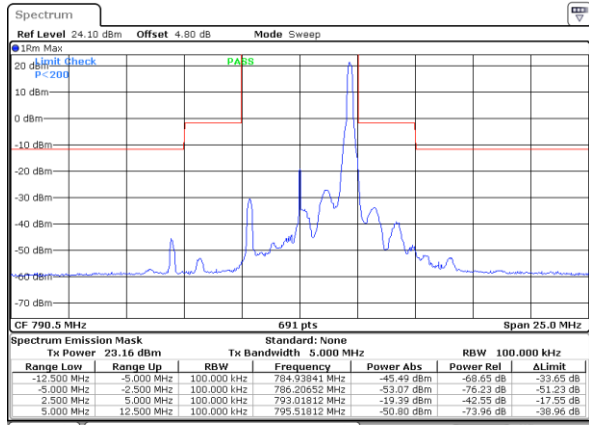
Date: 3 SEP 2020 14:25:10

LTE Band 14 / 5MHz / 64QAM

Lowest Channel / 1RB

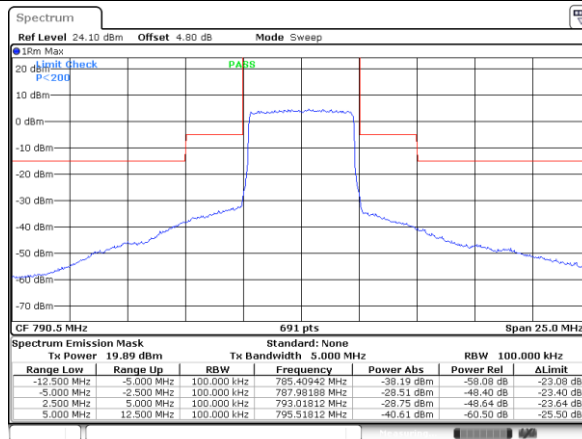


Date: 3 SEP 2020 14:26:10



Date: 3 SEP 2020 14:28:39

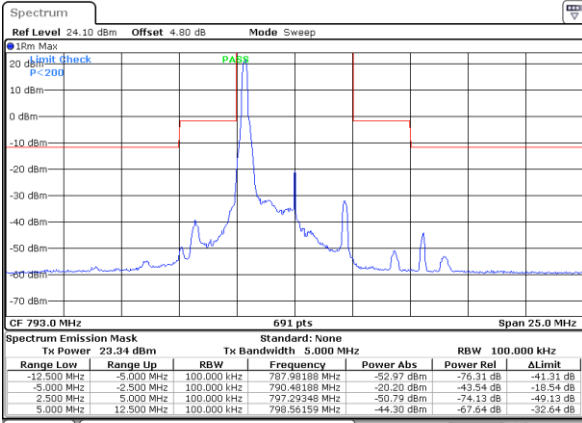
Lowest Channel / Full RB



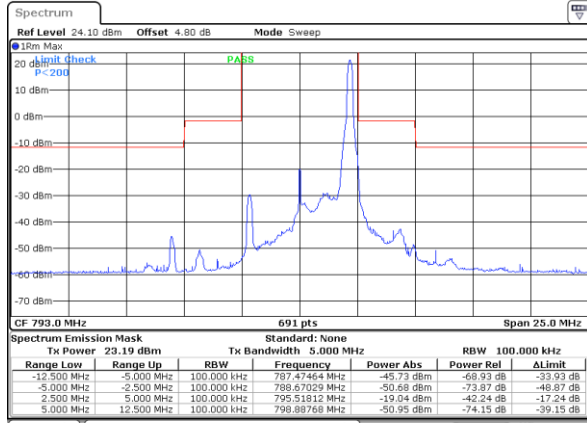
Date: 3 SEP 2020 14:25:40

LTE Band 14 / 5MHz / QPSK

Middle Channel / 1RB

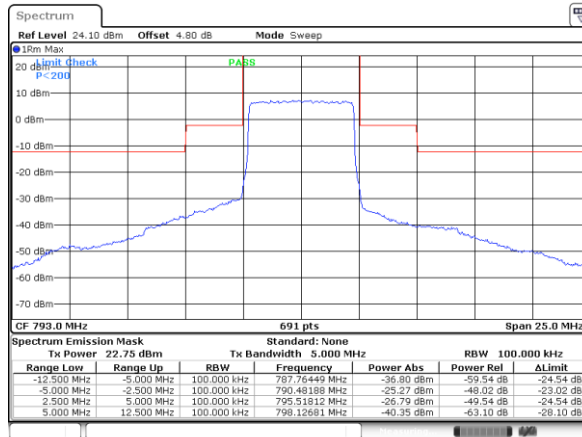


Date: 3 SEP 2020 14:30:39



Date: 3 SEP 2020 14:30:09

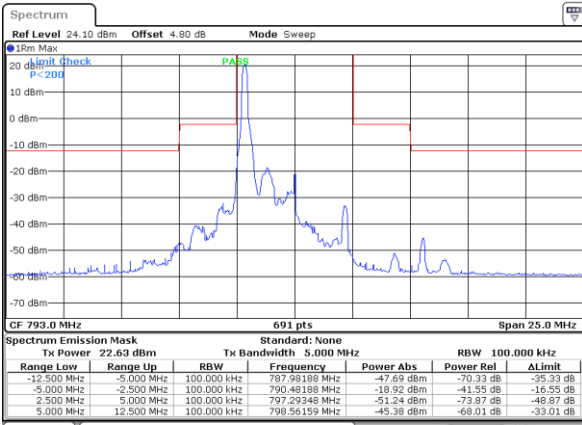
Middle Channel / Full RB



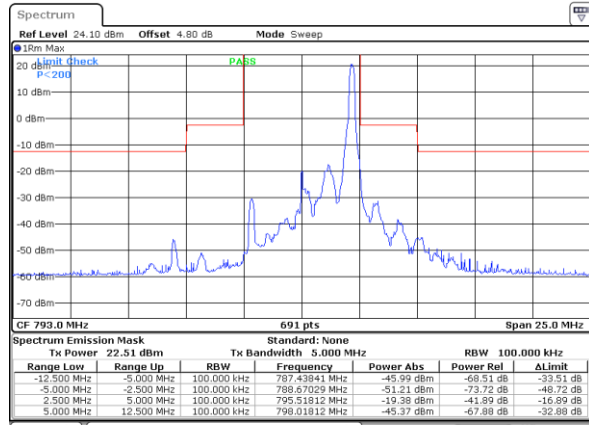
Date: 3 SEP 2020 14:33:08

LTE Band 14 / 5MHz / 16QAM

Middle Channel / 1RB

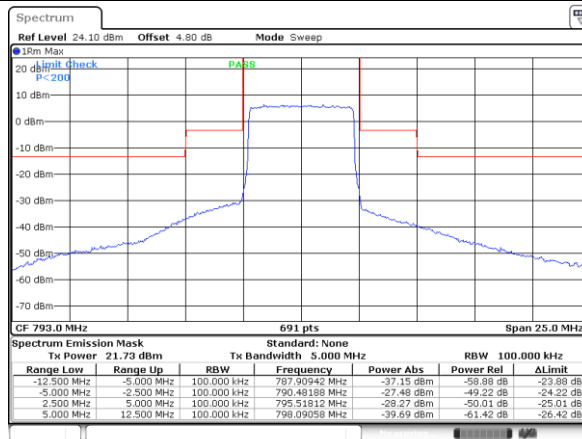


Date: 3 SEP 2020 14:31:09



Date: 3 SEP 2020 14:29:39

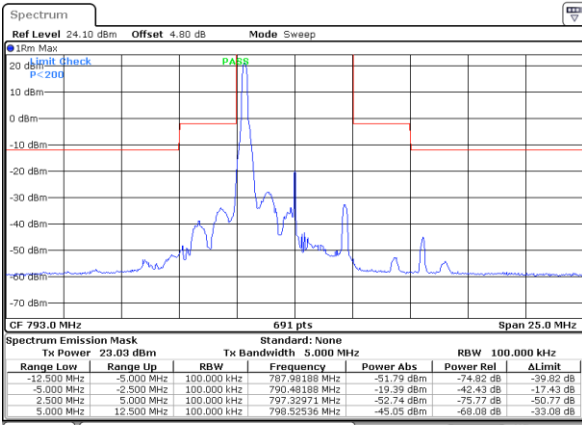
Middle Channel / Full RB



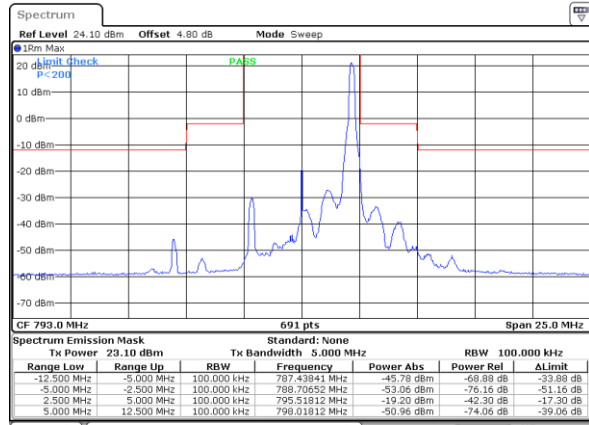
Date: 3 SEP 2020 14:32:38

LTE Band 14 / 5MHz / 64QAM

Middle Channel / 1RB

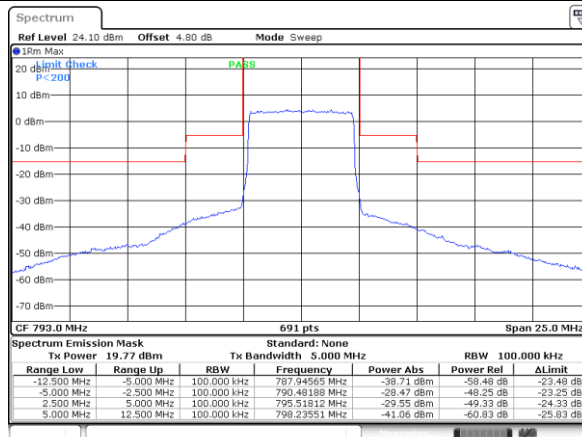


Date: 3 SEP 2020 14:31:39



Date: 3 SEP 2020 14:29:09

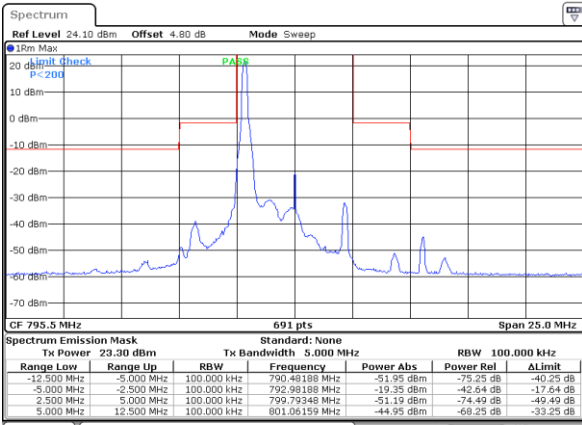
Middle Channel / Full RB



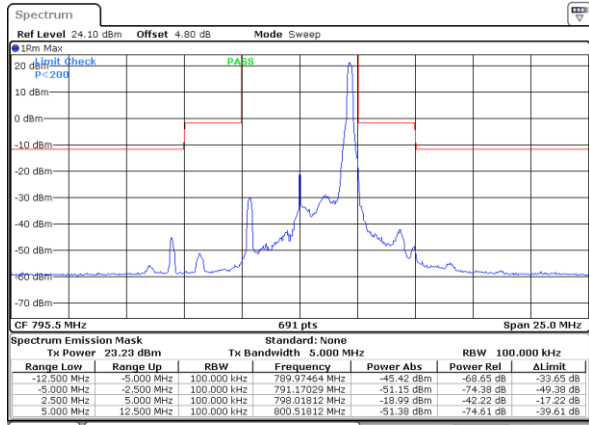
Date: 3 SEP 2020 14:32:08

LTE Band 14 / 5MHz / QPSK

Highest Channel / 1RB

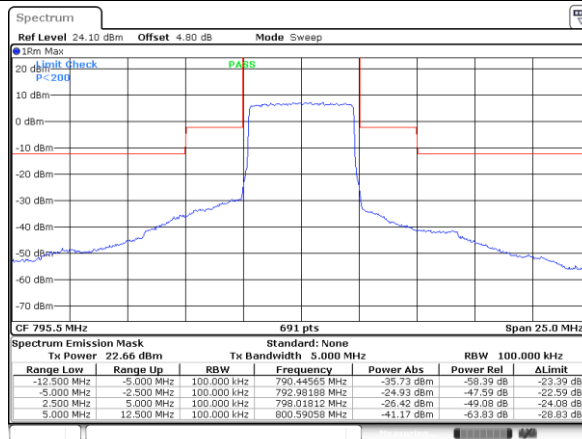


Date: 3 SEP 2020 14:36:07



Date: 3 SEP 2020 14:36:37

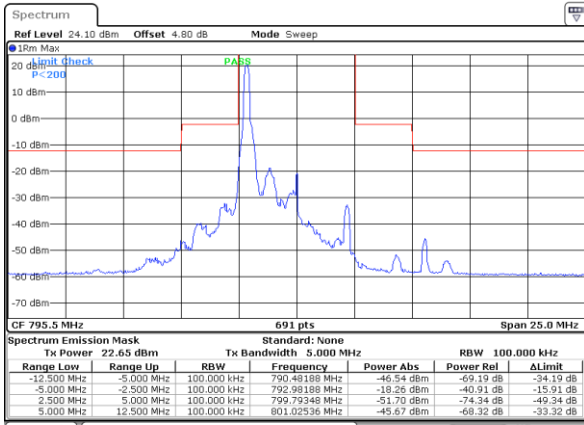
Highest Channel / Full RB



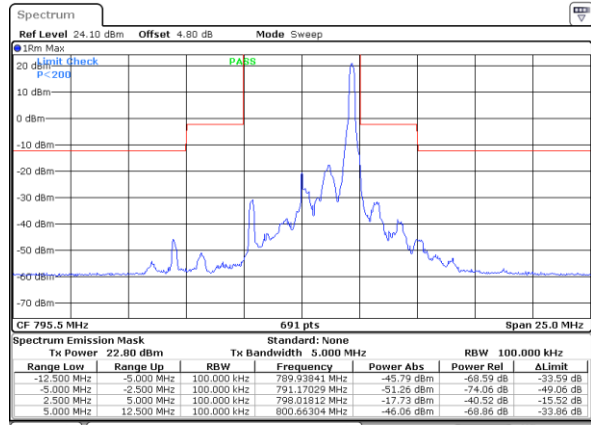
Date: 3 SEP 2020 14:33:38

LTE Band 14 / 5MHz / 16QAM

Highest Channel / 1RB

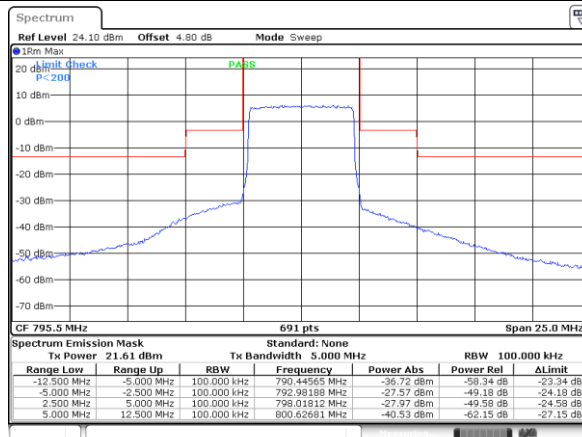


Date: 3 SEP 2020 14:35:38



Date: 3 SEP 2020 14:37:07

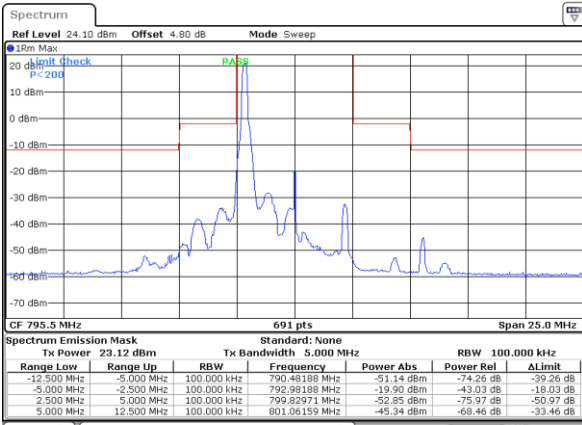
Highest Channel / Full RB



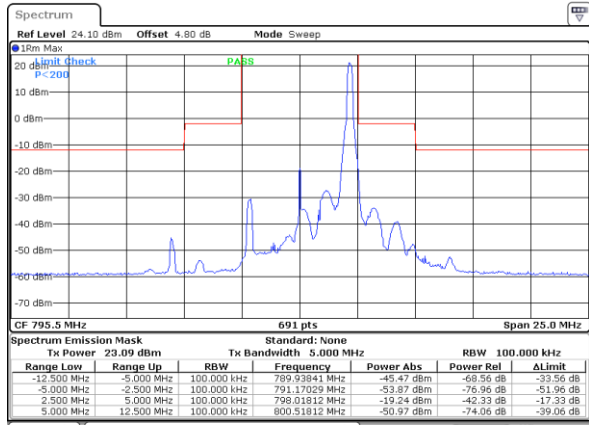
Date: 3 SEP 2020 14:34:08

LTE Band 14 / 5MHz / 64QAM

Highest Channel / 1RB

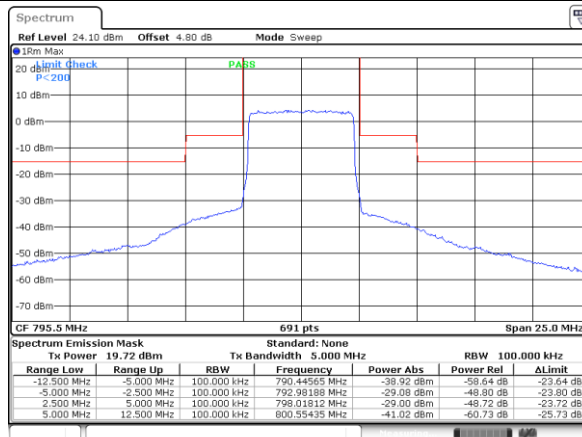


Date: 3 SEP 2020 14:35:08



Date: 3 SEP 2020 14:37:37

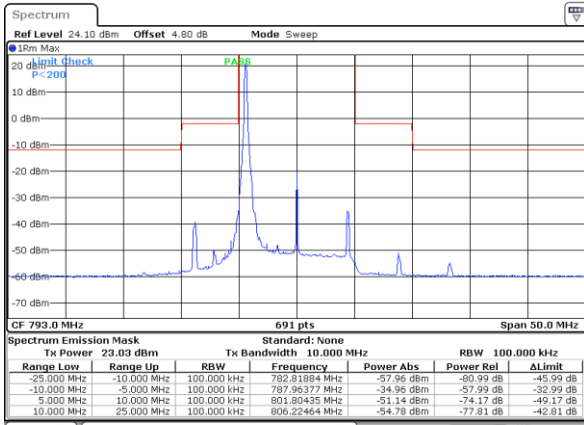
Highest Channel / Full RB



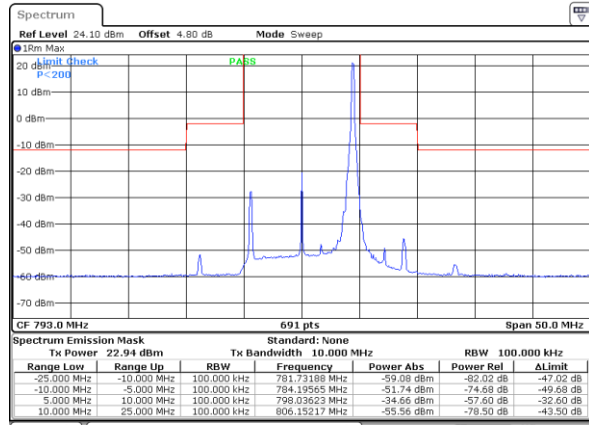
Date: 3 SEP 2020 14:34:38

LTE Band 14 / 10MHz / QPSK

Middle Channel / 1RB

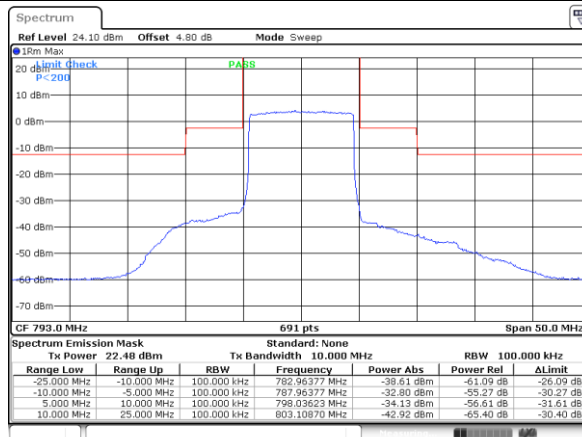


Date: 3.SEP.2020 14:42:35



Date: 3.SEP.2020 14:42:05

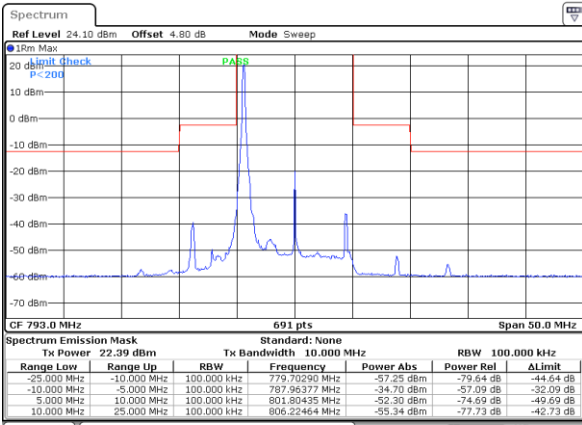
Middle Channel / Full RB



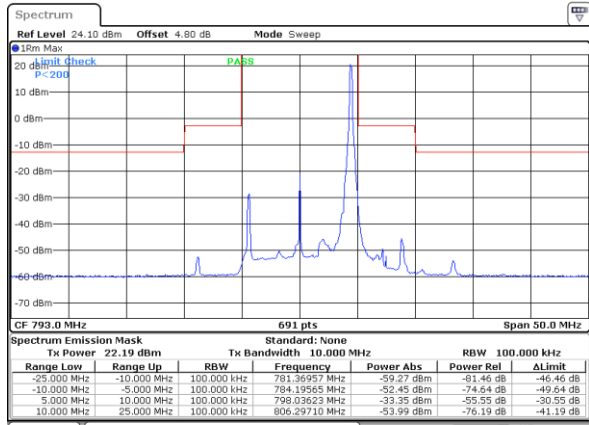
Date: 3.SEP.2020 14:45:04

LTE Band 14 / 10MHz / 16QAM

Middle Channel / 1RB

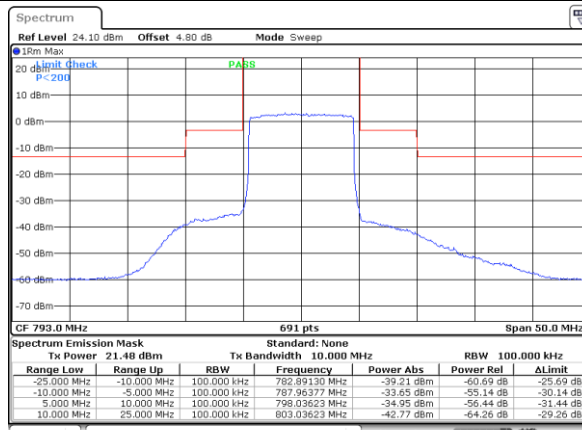


Date: 3.SEP.2020 14:43:05



Date: 3.SEP.2020 14:41:35

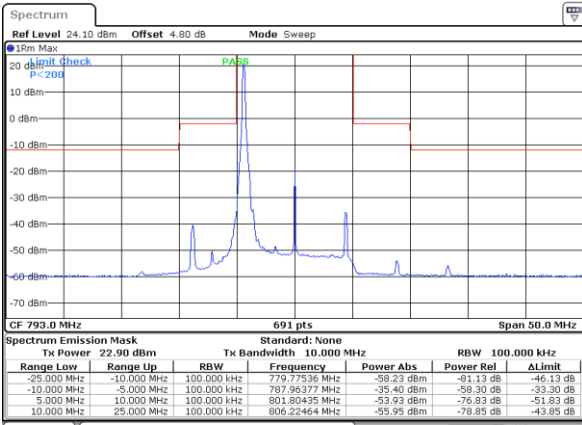
Middle Channel / Full RB



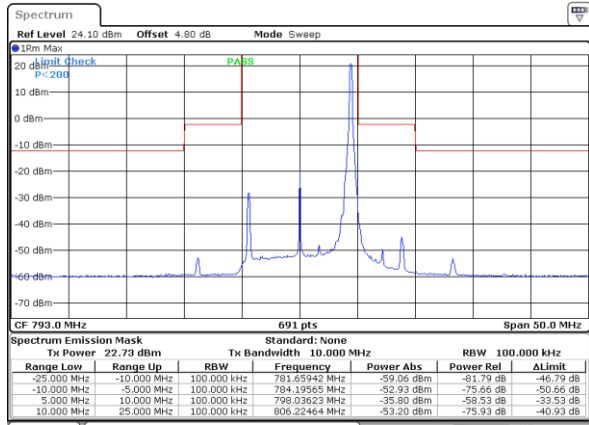
Date: 3.SEP.2020 14:44:34

LTE Band 14 / 10MHz / 64QAM

Middle Channel / 1RB

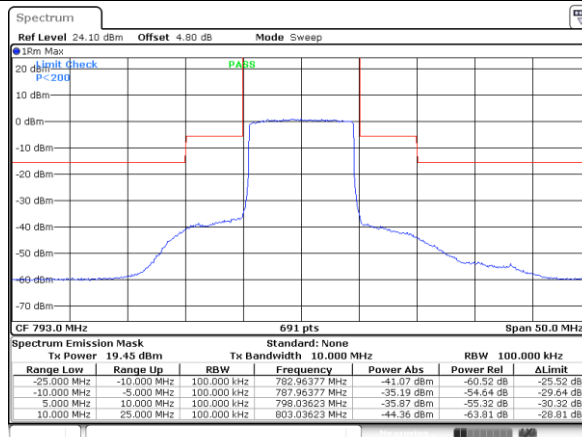


Date: 3.SEP.2020 14:43:35



Date: 3.SEP.2020 14:41:05

Middle Channel / Full RB



Date: 3.SEP.2020 14:44:04

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	0.0042	PASS
40	Normal Voltage	0.0031	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0040	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0041	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0035	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0024	

Note: Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.

Appendix B. Test Results of Radiated Test

Field Strength of Spurious Radiated

LTE Band 14 / 10MHz / QPSK								
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)
Middle	1578	-67.47	-13	-54.47	-70.10	1.09	5.87	H
	2366	-66.40	-13	-53.40	-68.80	1.37	5.92	H
	3156	-64.08	-13	-51.08	-67.97	1.64	7.68	H
	1578	-68.04	-13	-55.04	-70.67	1.09	5.87	V
	2366	-65.74	-13	-52.74	-68.14	1.37	5.92	V
	3156	-64.41	-13	-51.41	-68.30	1.64	7.68	V
Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.								
Test Result					PASS			