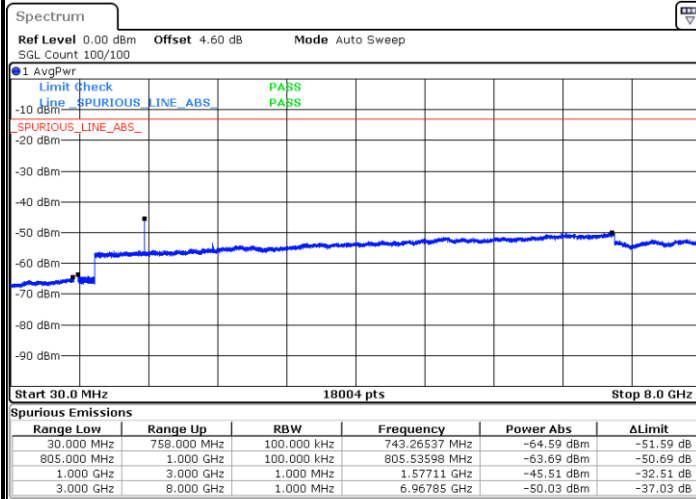




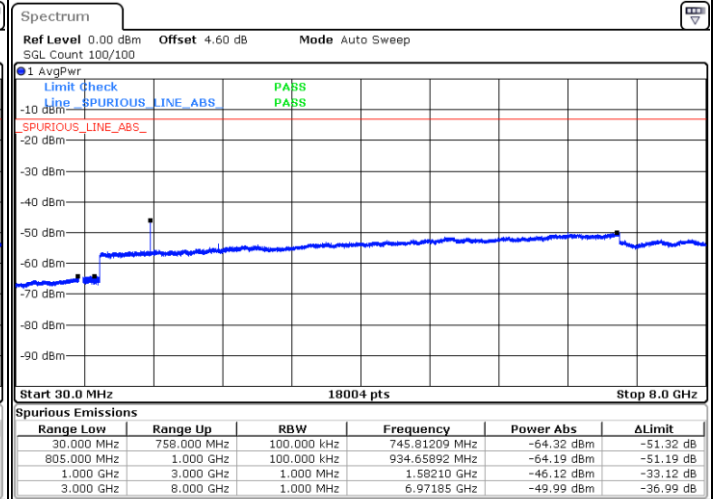
LTE Band 14 / 5MHz

Lowest Channel / 64QAM



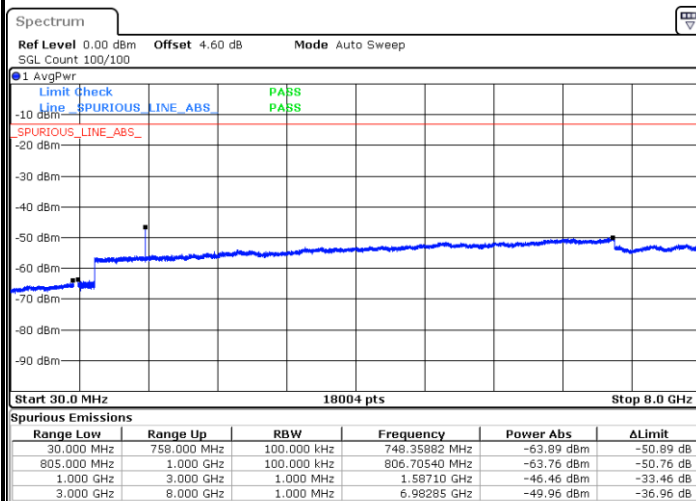
Date: 5 AUG 2020 23:30:36

Middle Channel / 64QAM

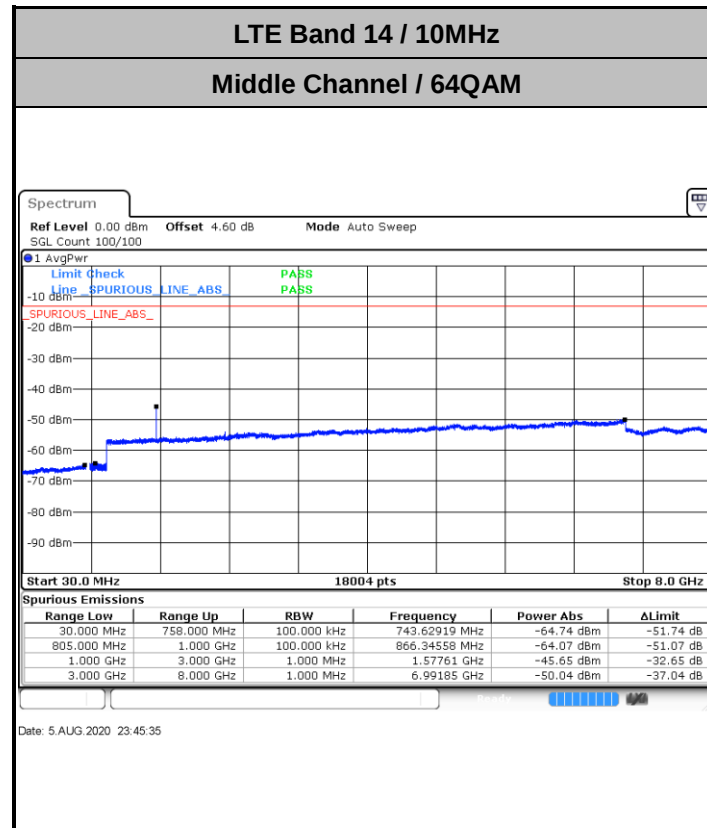


Date: 5 AUG 2020 23:30:57

Highest Channel / 64QAM



Date: 5 AUG 2020 23:34:06

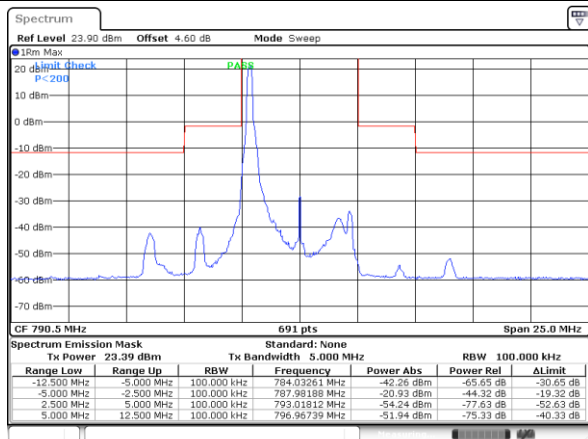




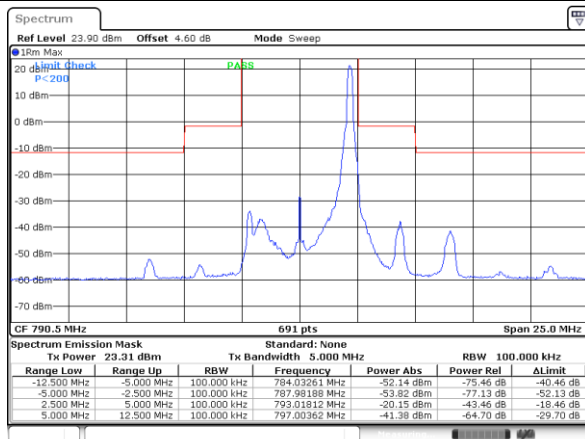
Mask

LTE Band 14 / 5MHz / QPSK

Lowest Channel / 1RB

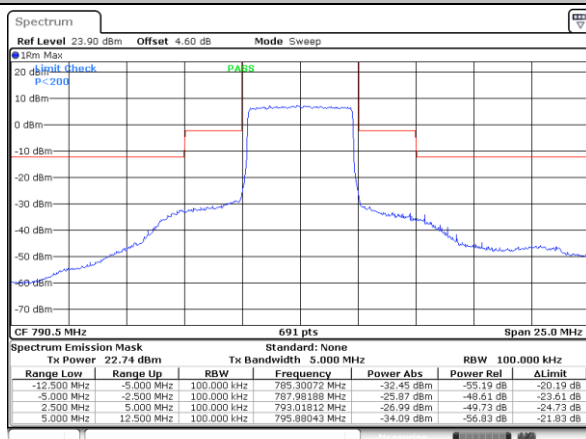


Date: 6 AUG 2020 00:13:03



Date: 6 AUG 2020 00:13:33

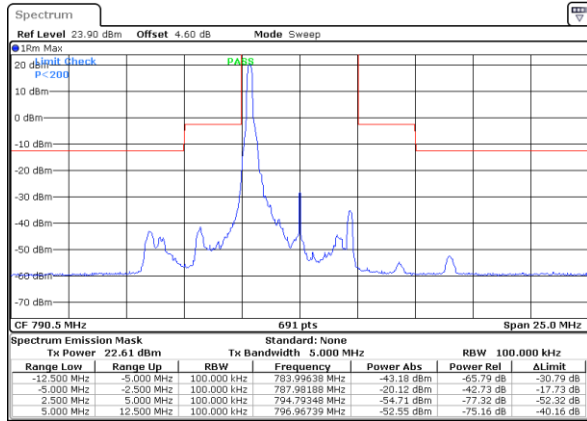
Lowest Channel / Full RB



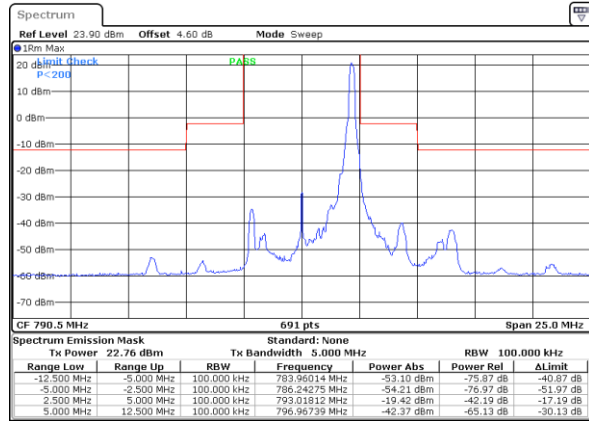
Date: 6 AUG 2020 00:10:35

LTE Band 14 / 5MHz / 16QAM

Lowest Channel / 1RB

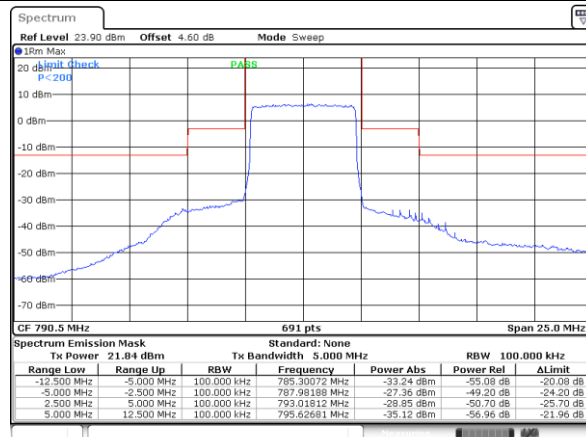


Date: 6 AUG 2020 00:12:34



Date: 6 AUG 2020 00:14:03

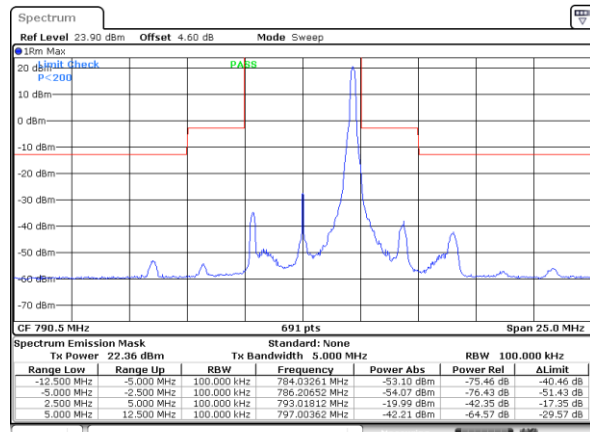
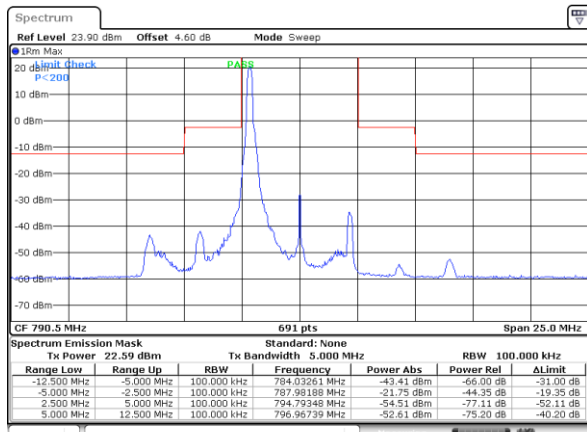
Lowest Channel / Full RB



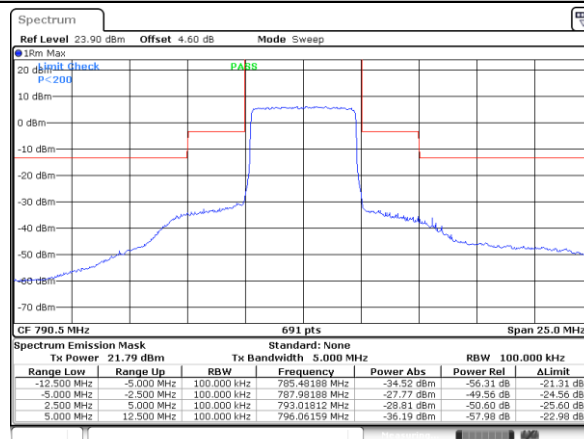
Date: 6 AUG 2020 00:11:05

LTE Band 14 / 5MHz / 64QAM

Lowest Channel / 1RB

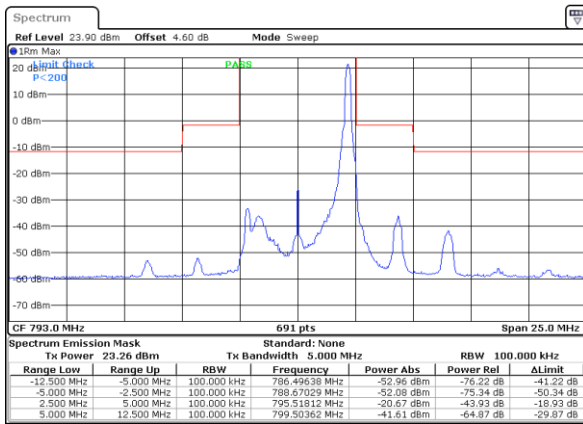
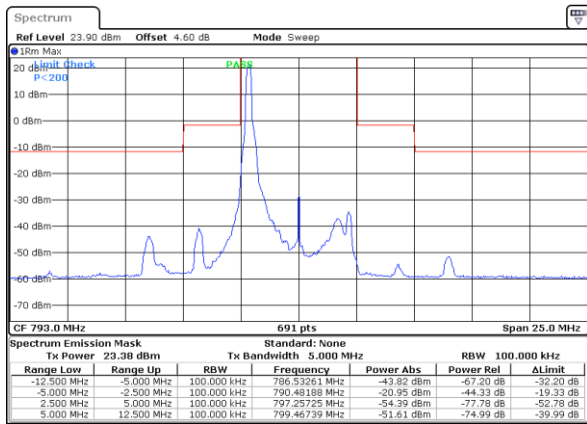


Lowest Channel / Full RB

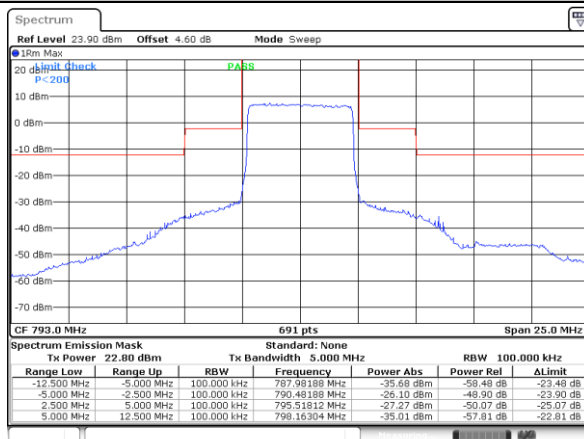


LTE Band 14 / 5MHz / QPSK

Middle Channel / 1RB

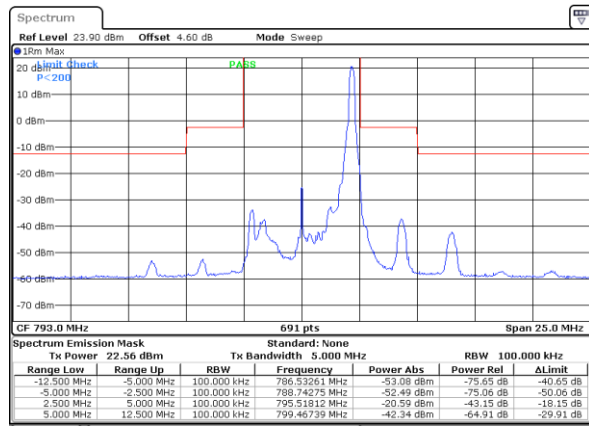
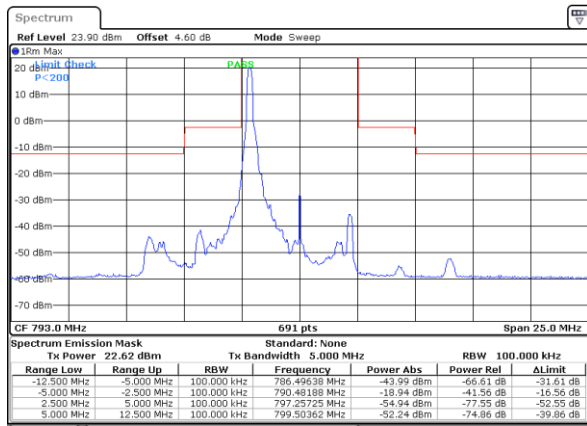


Middle Channel / Full RB

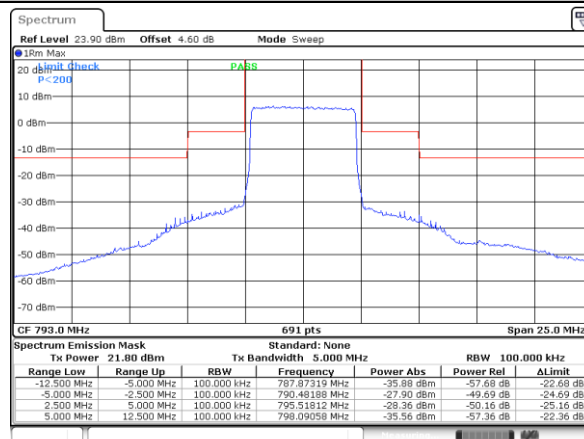


LTE Band 14 / 5MHz / 16QAM

Middle Channel / 1RB

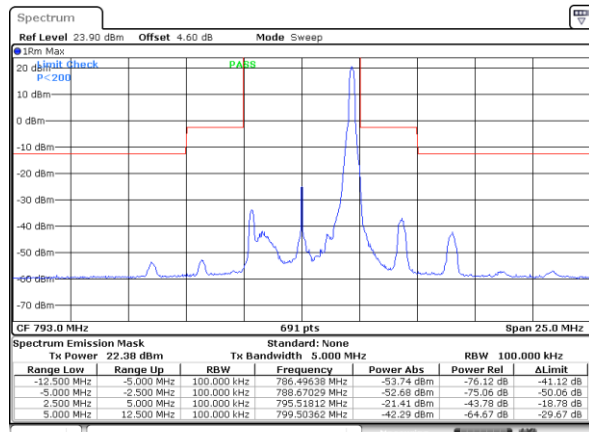
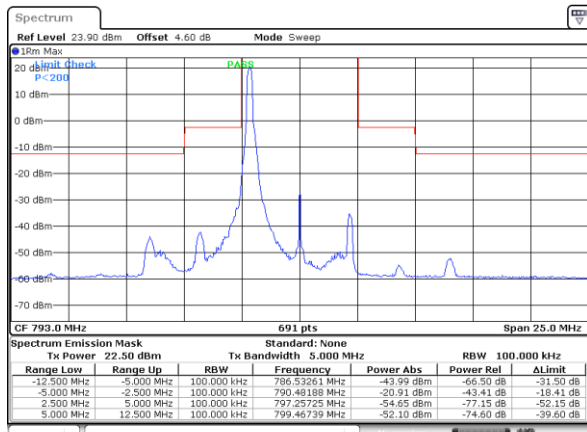


Middle Channel / Full RB

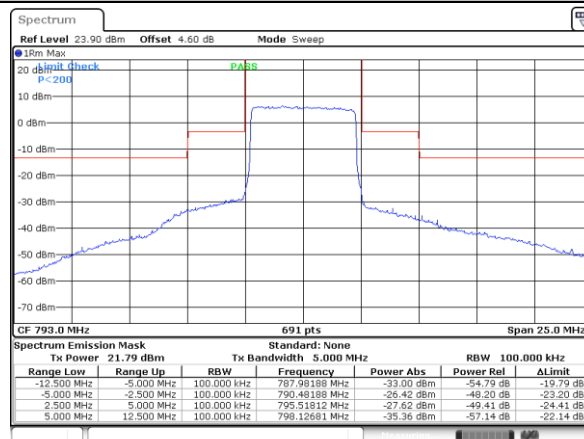


LTE Band 14 / 5MHz / 64QAM

Middle Channel / 1RB

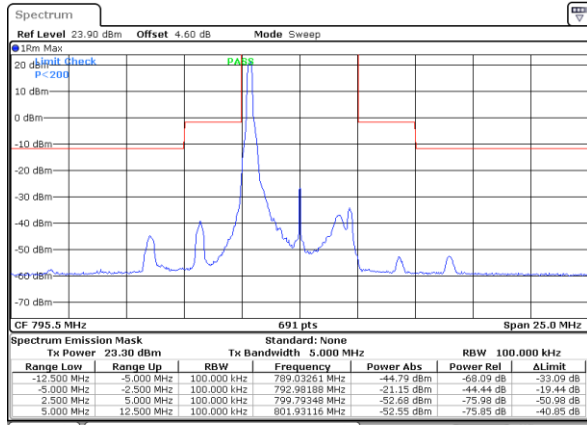


Middle Channel / Full RB

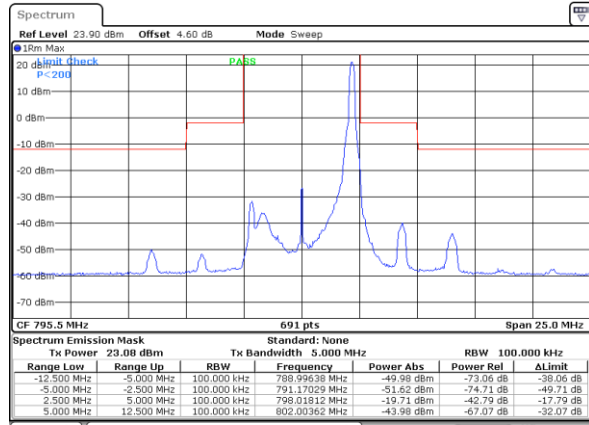


LTE Band 14 / 5MHz / QPSK

Highest Channel / 1RB

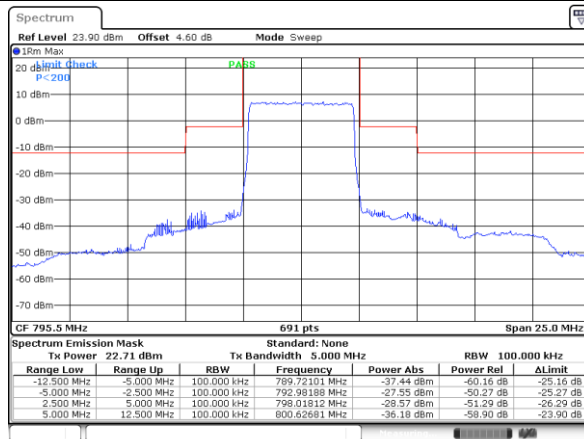


Date: 6 AUG 2020 00:21:58



Date: 6 AUG 2020 00:22:28

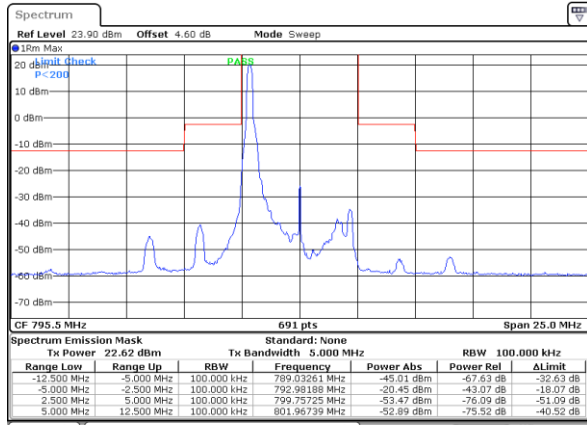
Highest Channel / Full RB



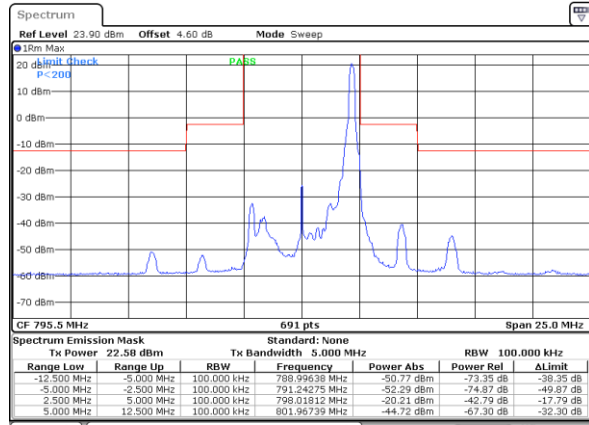
Date: 6 AUG 2020 00:19:30

LTE Band 14 / 5MHz / 16QAM

Highest Channel / 1RB

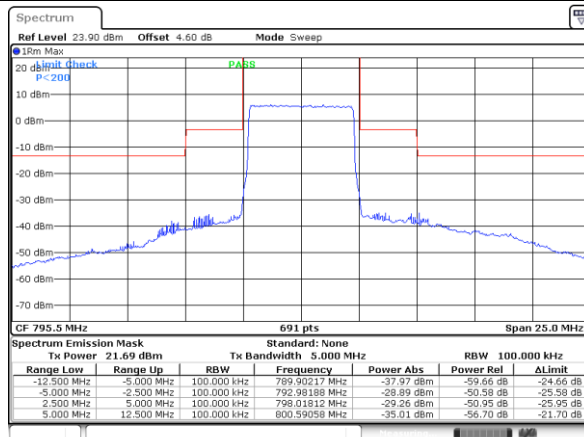


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Date: 6 AUG 2020 00:22:57

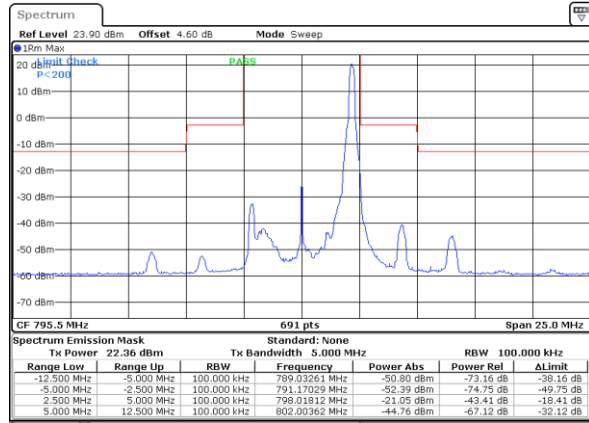
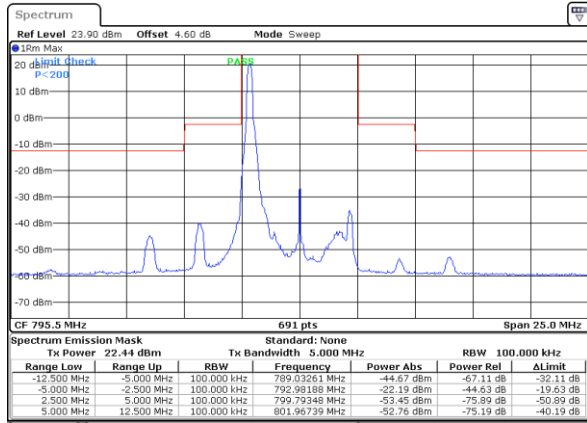
Highest Channel / Full RB



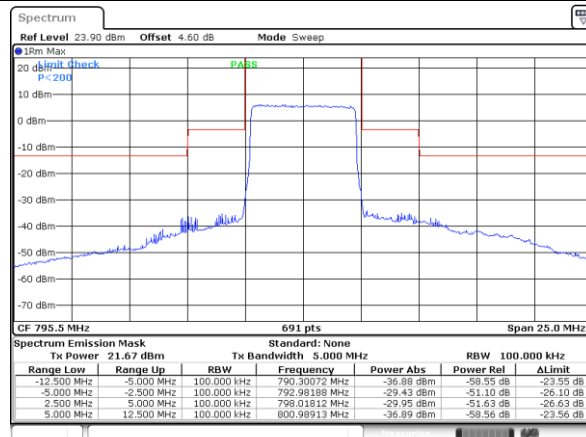
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LTE Band 14 / 5MHz / 64QAM

Highest Channel / 1RB

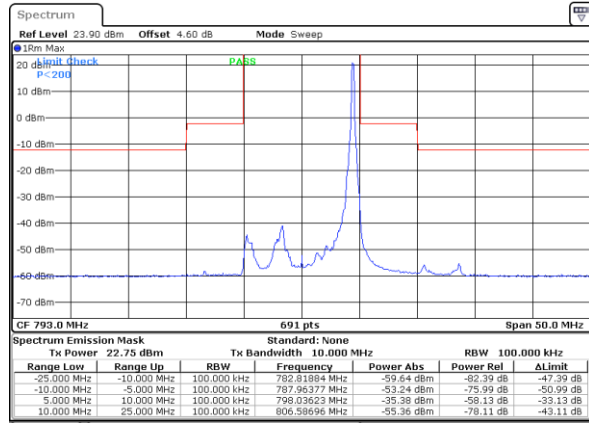
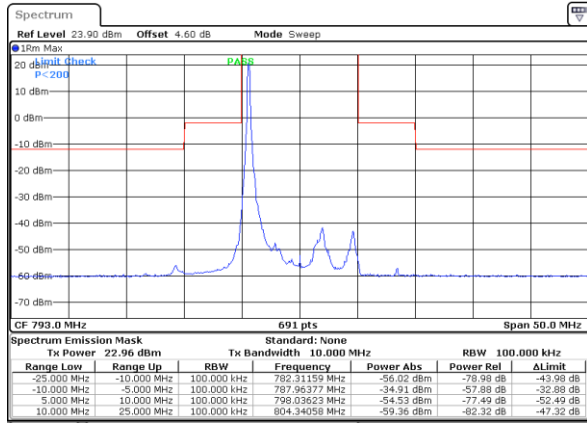


Highest Channel / Full RB

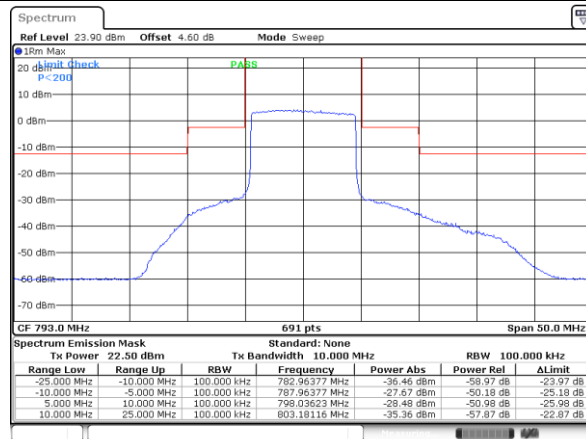


LTE Band 14 / 10MHz / QPSK

Middle Channel / 1RB

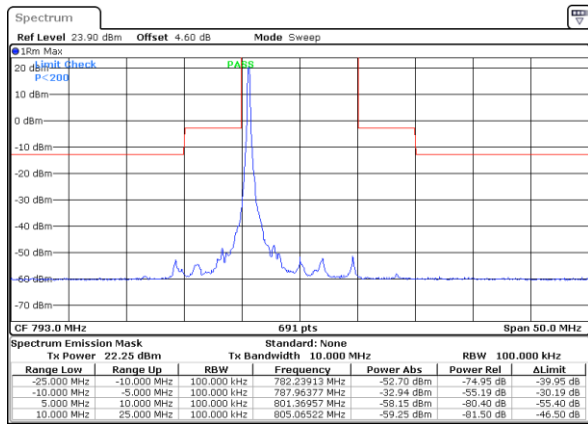


Middle Channel / Full RB

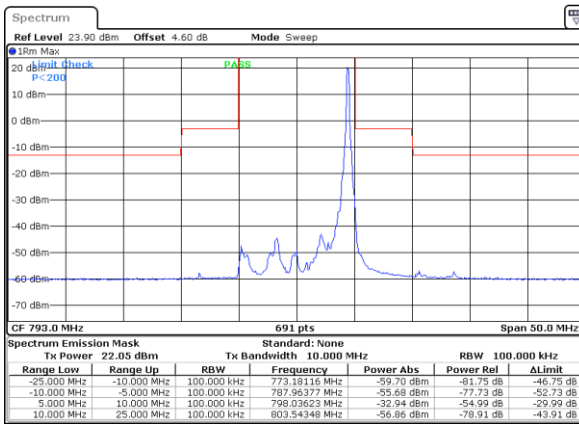


LTE Band 14 / 10MHz / 16QAM

Middle Channel / 1RB

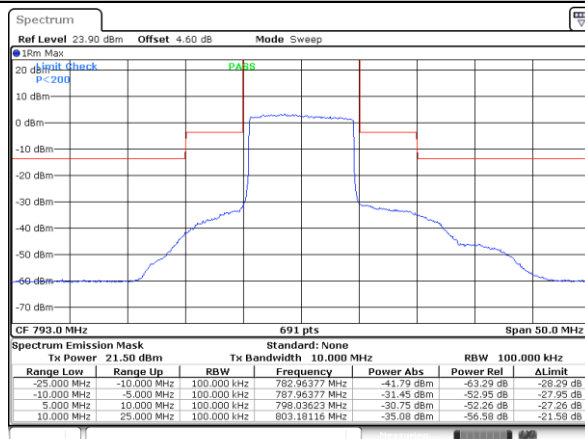


Date: 6 AUG 2020 00:25:56



Date: 6 AUG 2020 00:24:27

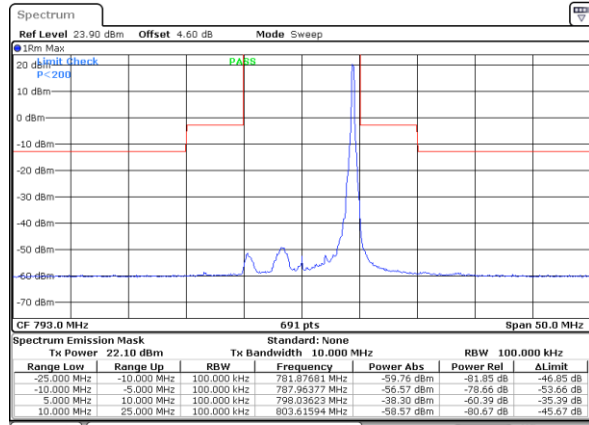
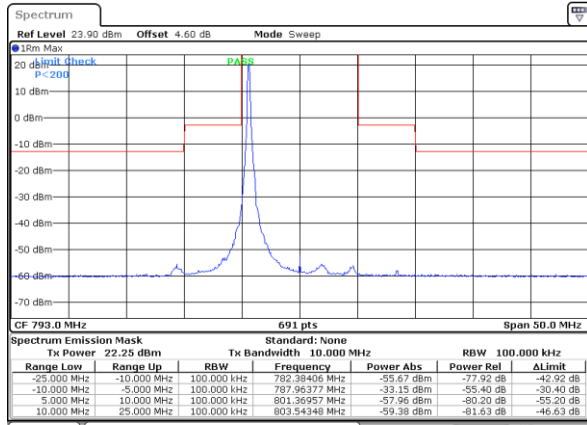
Middle Channel / Full RB



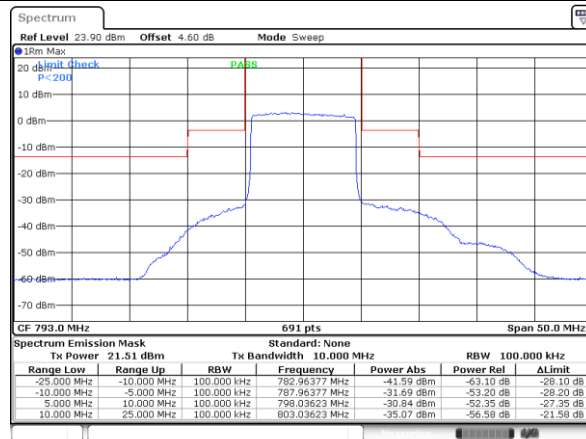
Date: 6 AUG 2020 00:27:25

LTE Band 14 / 10MHz / 64QAM

Middle Channel / 1RB



Middle Channel / Full RB



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	0.0016	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0048	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0055	
0	Normal Voltage	0.0063	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0055	
-30	Normal Voltage	0.0063	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0042	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.135 V. ; Maximum Voltage =4.4 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 / 5MHz / 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)
Lowest	1576	-64.17	-42.15	-22.02	-66.80	1.09	5.87	H
	2366	-60.96	-13	-47.96	-63.36	1.37	5.92	H
	3156	-58.10	-13	-45.10	-61.99	1.64	7.68	H
	1576	-64.20	-42.15	-22.05	-66.83	1.09	5.87	V
	2366	-60.84	-13	-47.84	-63.24	1.37	5.92	V
	3156	-58.28	-13	-45.28	-62.17	1.64	7.68	V
Middle	1582	-64.20	-42.15	-22.05	-66.83	1.09	5.87	H
	2372	-61.00	-13	-48.00	-63.40	1.37	5.92	H
	3162	-57.79	-13	-44.79	-61.68	1.64	7.68	H
	1582	-63.74	-42.15	-21.59	-66.37	1.09	5.87	V
	2372	-60.36	-13	-47.36	-62.76	1.37	5.92	V
	3162	-58.08	-13	-45.08	-61.97	1.64	7.68	V
Highest	1586	-64.04	-42.15	-21.89	-66.67	1.09	5.87	H
	2380	-60.01	-13	-47.01	-62.41	1.37	5.92	H
	3174	-57.93	-13	-44.93	-61.82	1.64	7.68	H
	1586	-64.11	-42.15	-21.96	-66.74	1.09	5.87	V
	2380	-60.31	-13	-47.31	-62.71	1.37	5.92	V
	3174	-58.22	-13	-45.22	-62.11	1.64	7.68	V
Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.								
Test Result					PASS			

LTE Band 14 / 10MHz / 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)
Middle	1576	-63.93	-42.15	-21.78	-66.56	1.09	5.87	H
	2366	-60.50	-13	-47.50	-62.90	1.37	5.92	H
	3156	-58.04	-13	-45.04	-61.93	1.64	7.68	H
	1576	-63.66	-42.15	-21.51	-66.29	1.09	5.87	V
	2366	-59.90	-13	-46.90	-62.30	1.37	5.92	V
	3156	-58.09	-13	-45.09	-61.98	1.64	7.68	V
Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.								
Test Result					PASS			