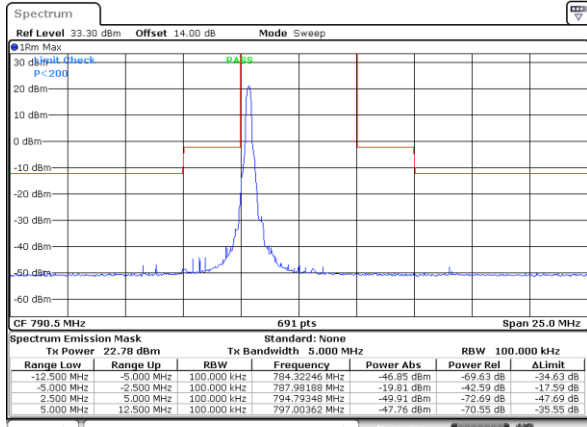


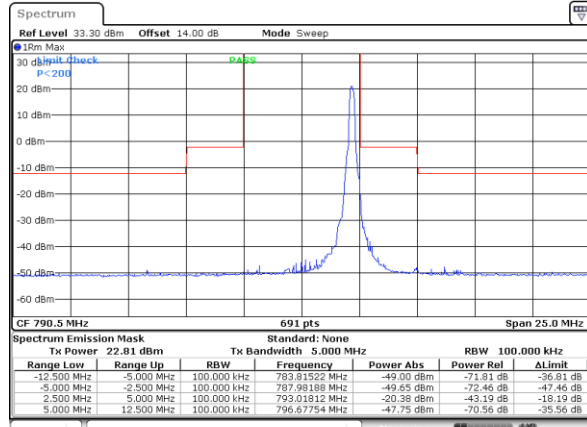


LTE Band 14 / 5MHz / 64QAM

Lowest Channel / 1RB

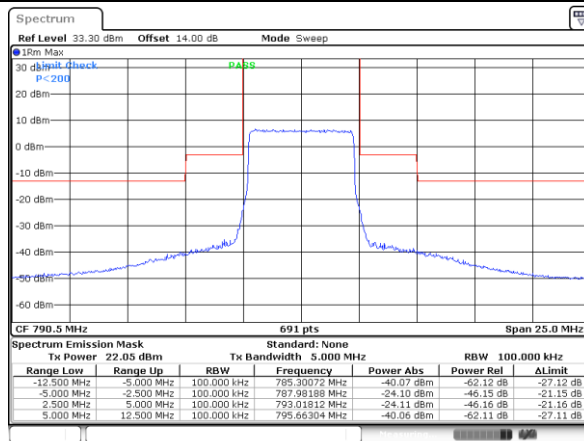


Date: 16, DEC, 2022 19:27:00



Date: 16, DEC, 2022 19:29:28

Lowest Channel / Full RB

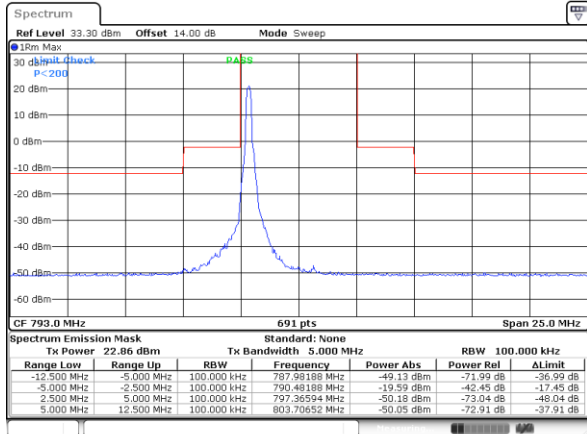


Date: 16, DEC, 2022 19:26:31

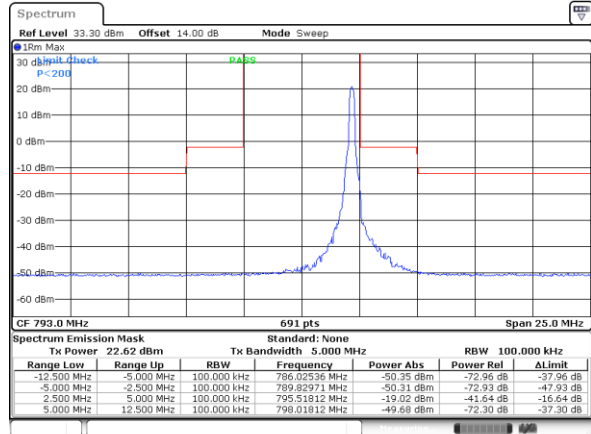


LTE Band 14 / 5MHz / QPSK

Middle Channel / 1RB

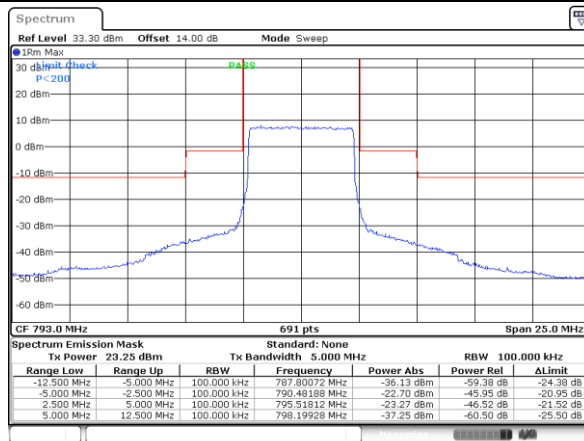


Date: 16, DEC, 2022 19:31:25



Date: 16, DEC, 2022 19:30:56

Middle Channel / Full RB

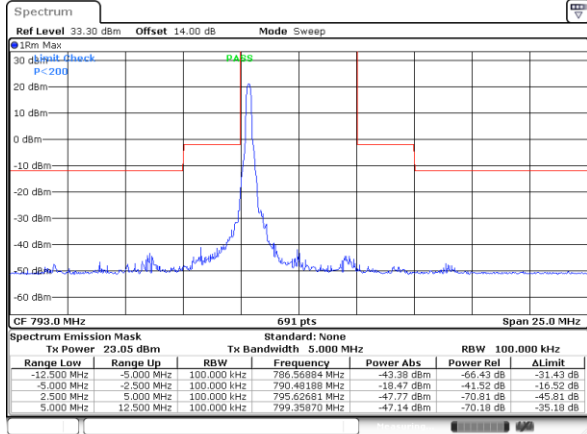


Date: 16, DEC, 2022 19:33:51

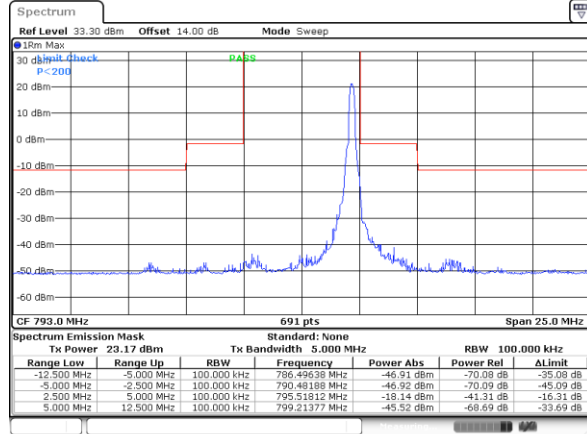


LTE Band 14 / 5MHz / 16QAM

Middle Channel / 1RB

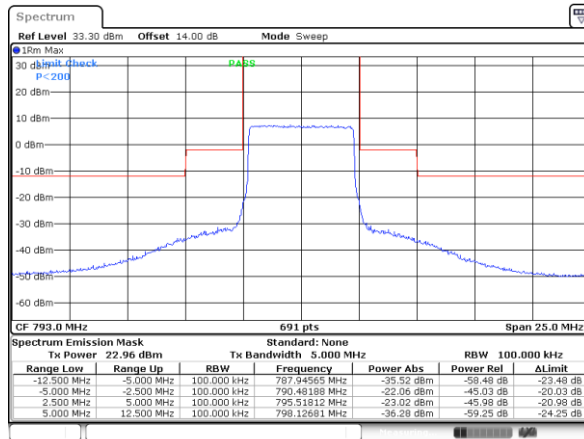


Date: 16, DEC, 2022 19:31:54



Date: 16, DEC, 2022 19:30:26

Middle Channel / Full RB

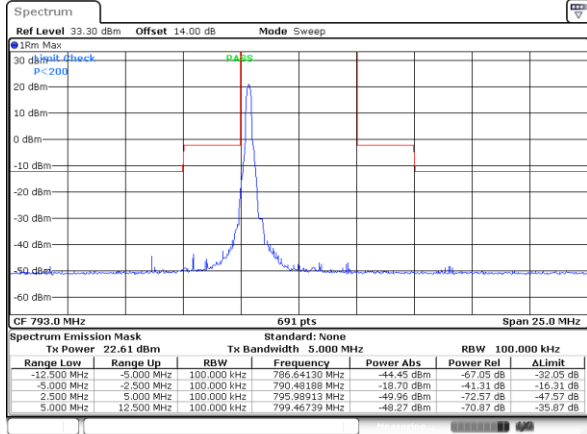


Date: 16, DEC, 2022 19:33:22

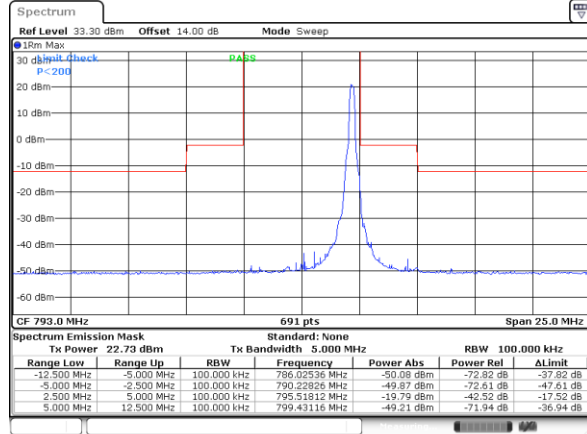


LTE Band 14 / 5MHz / 64QAM

Middle Channel / 1RB

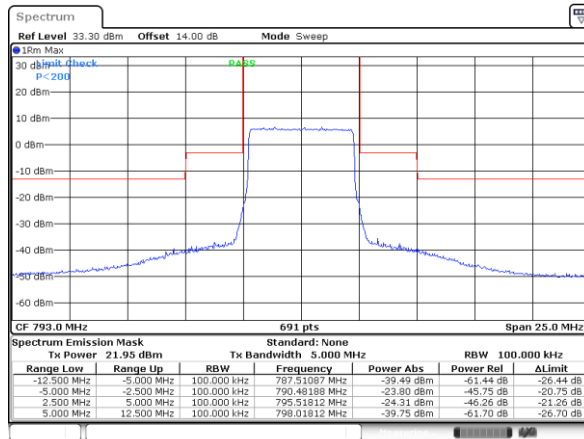


Date: 16, DEC, 2022 19:32:14



Date: 16, DEC, 2022 19:32:57

Middle Channel / Full RB

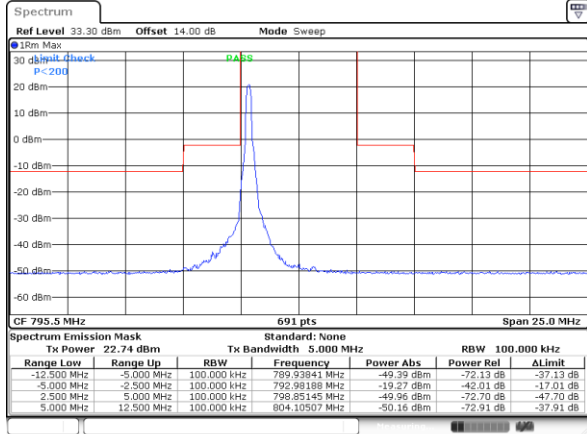


Date: 16, DEC, 2022 19:32:53

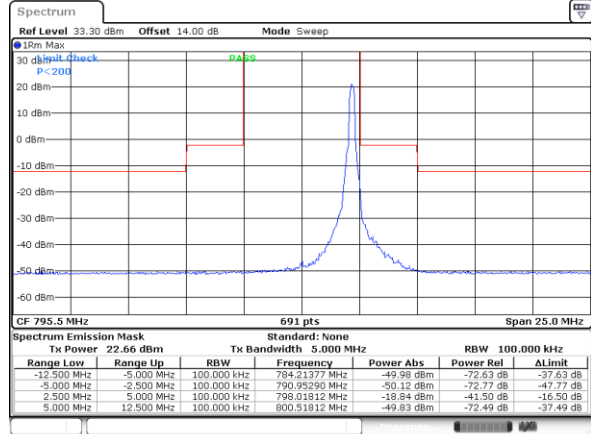


LTE Band 14 / 5MHz / QPSK

Highest Channel / 1RB

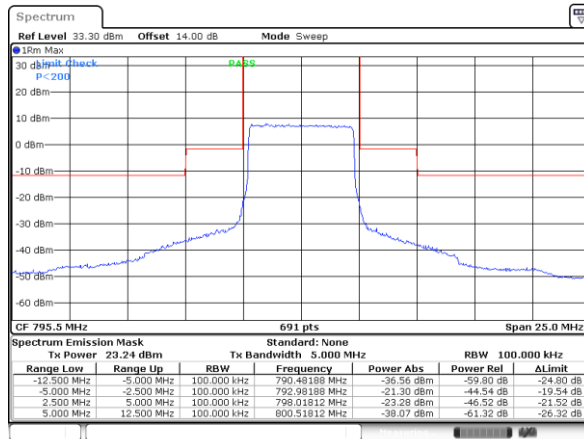


Date: 16, DEC, 2022 19:36:40



Date: 16, DEC, 2022 19:37:18

Highest Channel / Full RB

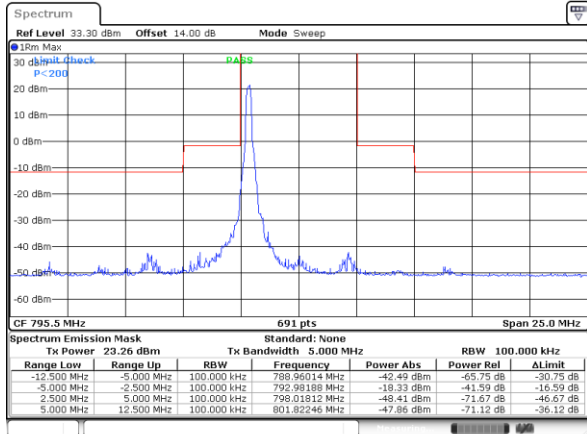


Date: 16, DEC, 2022 19:34:20

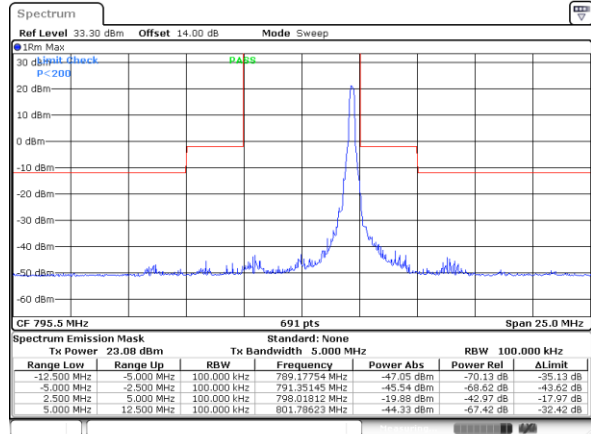


LTE Band 14 / 5MHz / 16QAM

Highest Channel / 1RB

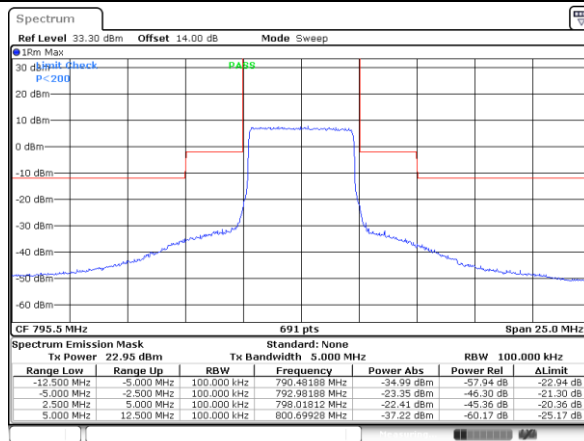


Date: 16, DEC, 2022 19:36:19



Date: 16, DEC, 2022 19:37:48

Highest Channel / Full RB

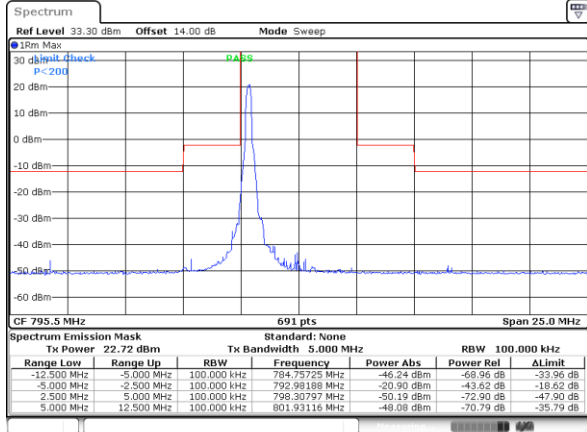


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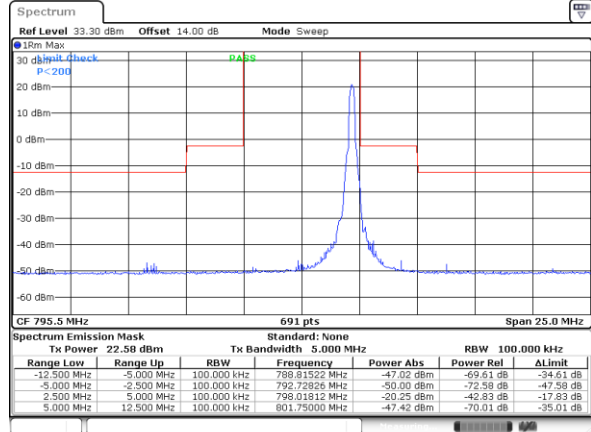


LTE Band 14 / 5MHz / 64QAM

Highest Channel / 1RB

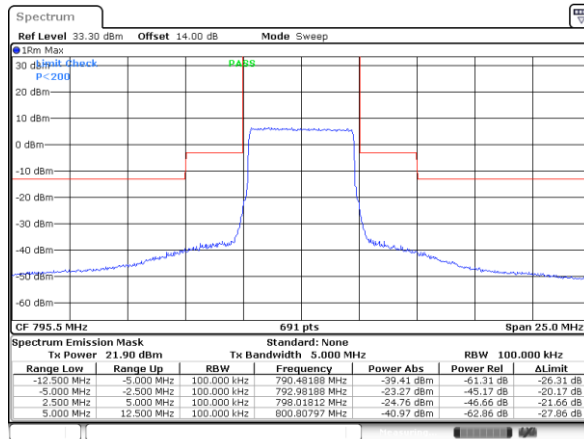


Date: 16, DEC, 2022 19:35:49



Date: 16, DEC, 2022 19:38:17

Highest Channel / Full RB

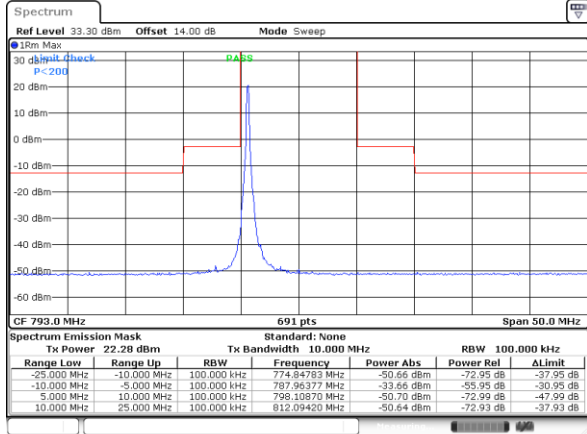


Date: 16, DEC, 2022 19:35:20

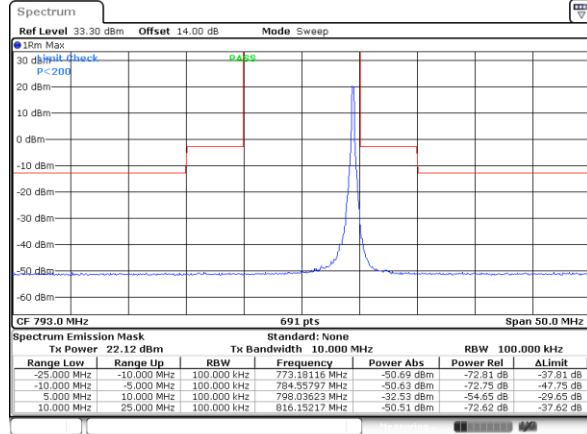


LTE Band 14 / 10MHz / QPSK

Middle Channel / 1RB

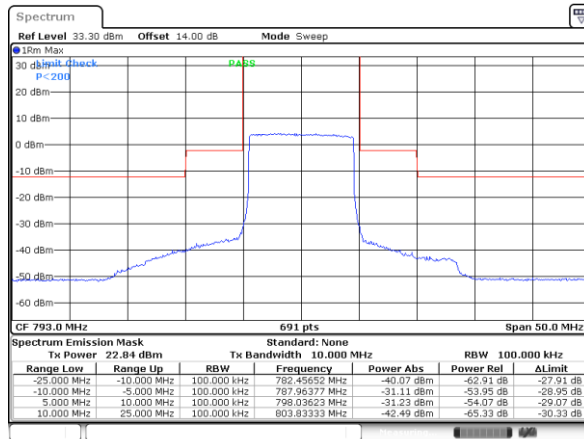


Date: 16, DEC, 2022 19:40:15



Date: 16, DEC, 2022 19:39:46

Middle Channel / Full RB

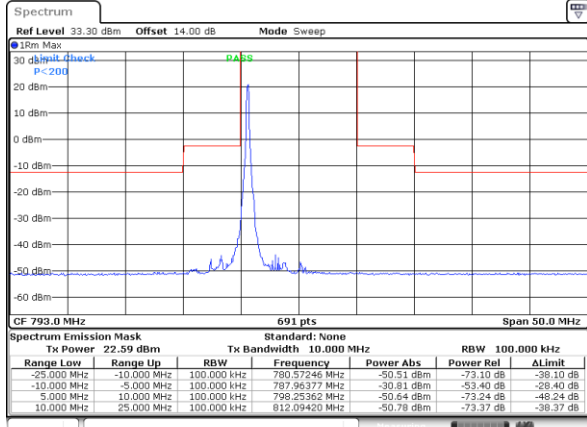


Date: 16, DEC, 2022 19:42:41

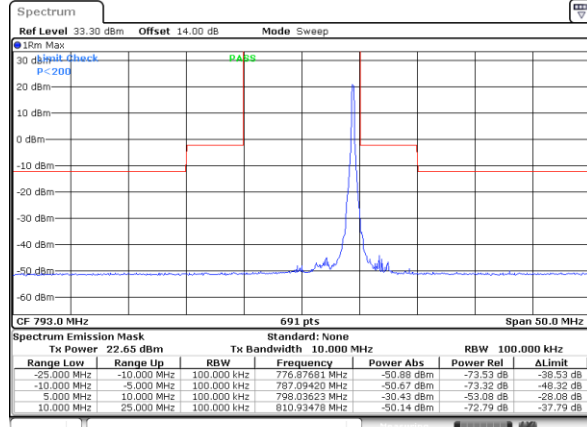


LTE Band 14 / 10MHz / 16QAM

Middle Channel / 1RB

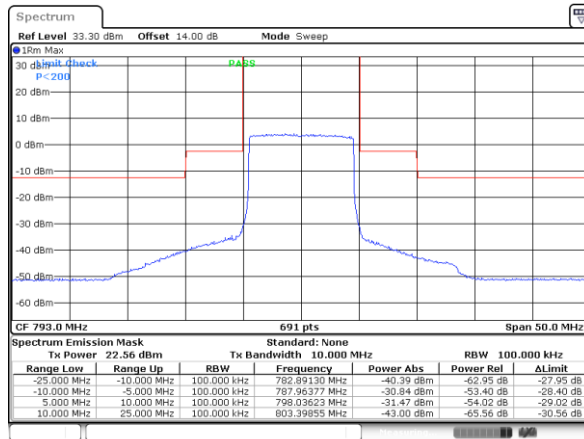


Date: 16, DEC, 2022 19:40:44



Date: 16, DEC, 2022 19:39:17

Middle Channel / Full RB

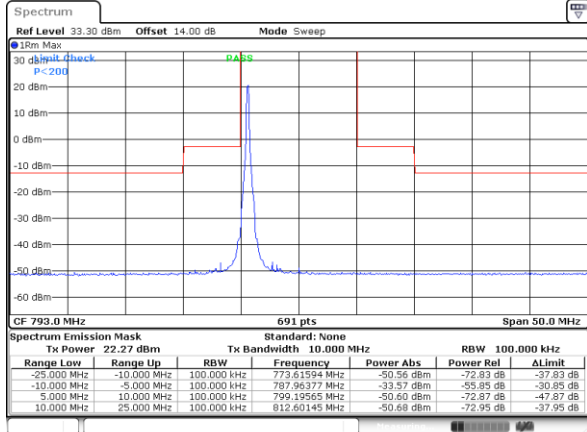


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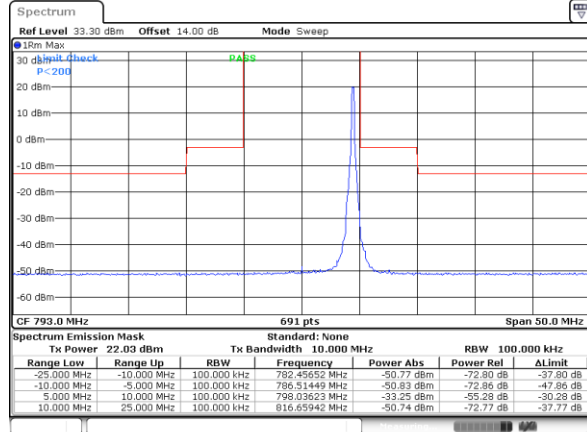


LTE Band 14 / 10MHz / 64QAM

Middle Channel / 1RB

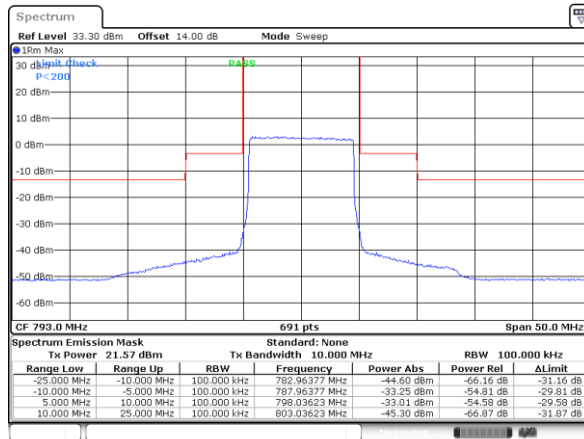


Date: 16, DEC, 2022 19:41:14



Date: 16, DEC, 2022 19:38:48

Middle Channel / Full RB



Date: 16, DEC, 2022 19:41:43

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	0.0001	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.48 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

Test Engineer :	Liang Ping Zhou	Temperature :	22~25°C
		Relative Humidity :	48~52%

LTE Band 14 / 5MHz / QPSK (ANT0)									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1576.5	-66.53	-42.15	-24.38	-78.36	-69.76	3.98	9.36	H
	2364.75	-61.96	-13	-48.96	-80.56	-65.51	4.85	10.55	H
	3153	-59.48	-13	-46.48	-79.88	-64.41	5.50	12.58	H
	1576.5	-66.12	-42.15	-23.97	-78.52	-69.35	3.98	9.36	V
	2364.75	-61.57	-13	-48.57	-80.63	-65.12	4.85	10.55	V
	3153	-57.45	-13	-44.45	-79.78	-62.38	5.50	12.58	V
Middle	1581.5	-66.86	-42.15	-24.71	-78.69	-70.11	4.00	9.40	H
	2372.25	-59.68	-13	-46.68	-78.28	-63.25	4.88	10.60	H
	3163	-58.23	-13	-45.23	-78.62	-63.16	5.52	12.60	H
	1581.5	-66.19	-42.15	-24.04	-78.59	-69.44	4.00	9.40	V
	2372.25	-58.91	-13	-45.91	-78.05	-62.48	4.88	10.60	V
	3163	-56.37	-13	-43.37	-78.69	-61.30	5.52	12.60	V
Highest	1586.5	-66.77	-42.15	-24.62	-78.60	-69.94	4.10	9.42	H
	2379.75	-61.80	-13	-48.80	-80.40	-65.38	4.90	10.63	H
	3173	-58.90	-13	-45.90	-79.34	-63.82	5.55	12.62	H
	1586.5	-66.13	-42.15	-23.98	-78.53	-69.30	4.10	9.42	V
	2379.75	-61.22	-13	-48.22	-80.36	-64.80	4.90	10.63	V
	3173	-57.38	-13	-44.38	-79.81	-62.30	5.55	12.62	V

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

LTE Band 14 / 10MHz / QPSK (ANT0)									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1577	-66.04	-42.15	-23.89	-75.50	-69.29	4.00	9.40	H
	2365.5	-62.52	-13	-49.52	-77.25	-66.09	4.88	10.60	H
	3154	-61.26	-13	-48.26	-77.98	-66.19	5.52	12.60	H
	1577	-66.05	-42.15	-23.90	-75.64	-69.30	4.00	9.40	V
	2365.5	-62.67	-13	-49.67	-77.39	-66.24	4.88	10.60	V
	3154	-61.10	-13	-48.10	-77.82	-66.03	5.52	12.60	V

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