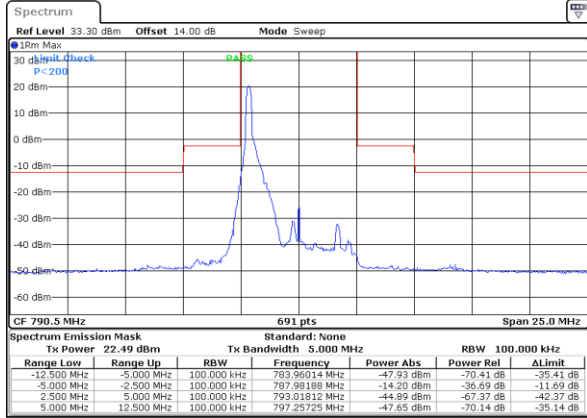


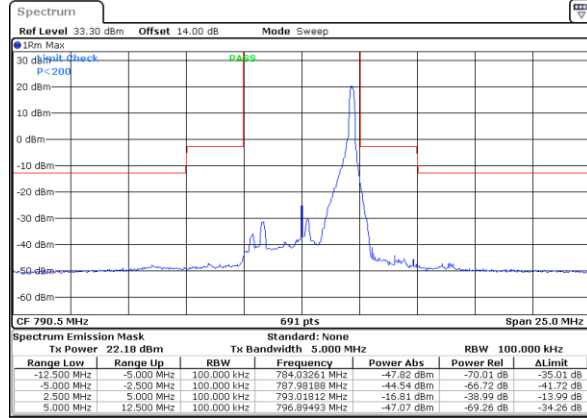


LTE Band 14 / 5MHz / 16QAM

Lowest Channel / 1RB

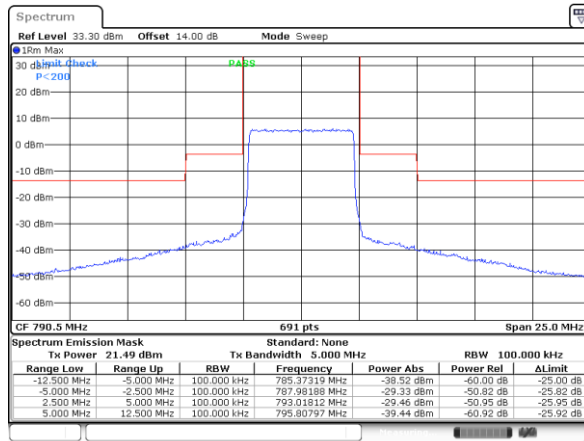


Date: 24.MAR.2023 03:01:24



Date: 24.MAR.2023 03:02:57

Lowest Channel / Full RB

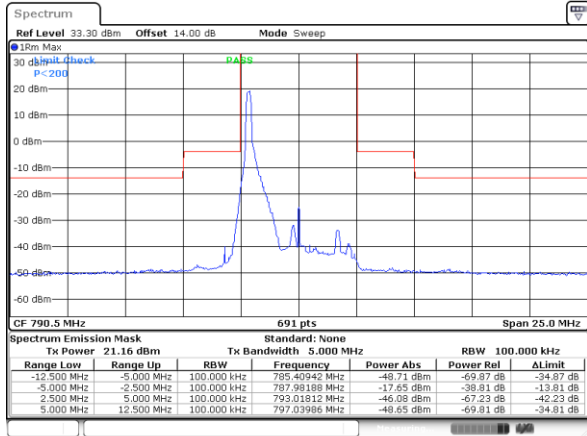


Date: 24.MAR.2023 02:59:51

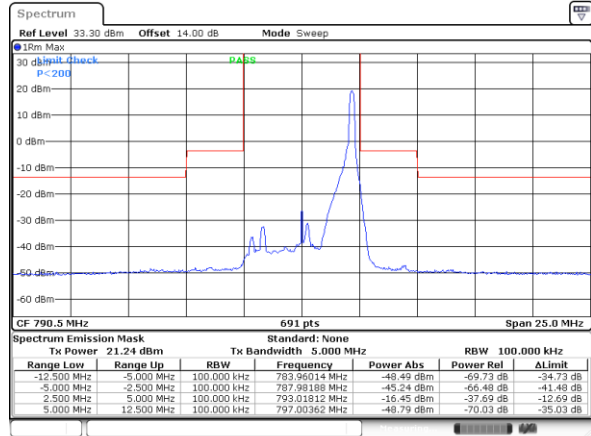


LTE Band 14 / 5MHz / 64QAM

Lowest Channel / 1RB

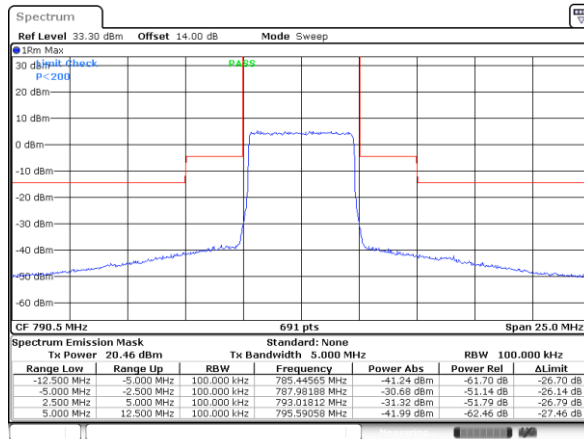


Date: 24.MAR.2023 03:00:55



Date: 24.MAR.2023 03:03:31

Lowest Channel / Full RB

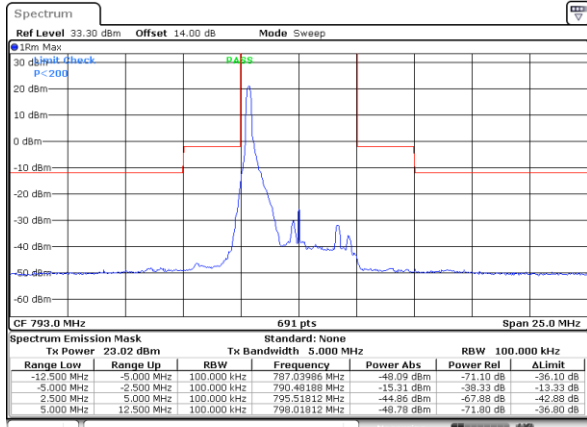


Date: 24.MAR.2023 03:00:25

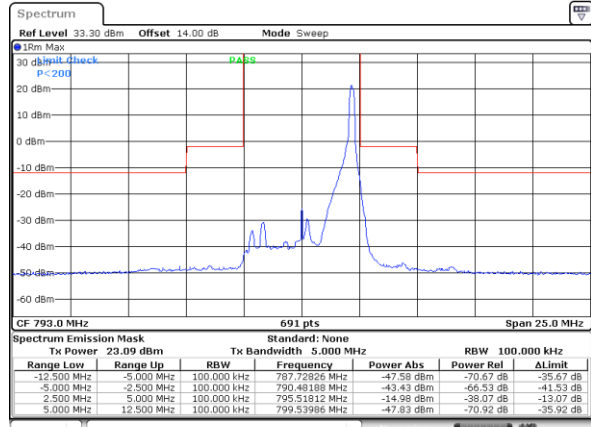


LTE Band 14 / 5MHz / QPSK

Middle Channel / 1RB

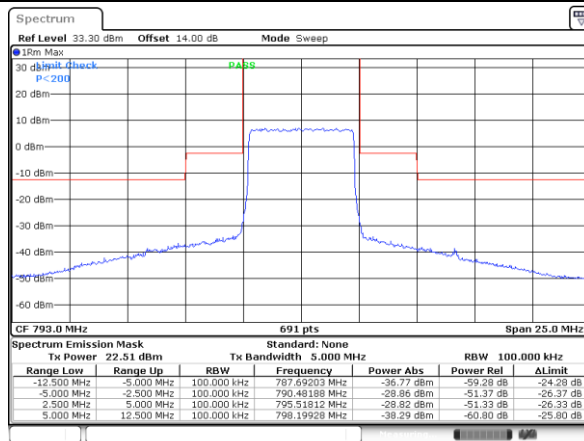


Date: 24.MAR.2023 03:05:12



Date: 24.MAR.2023 03:05:03

Middle Channel / Full RB

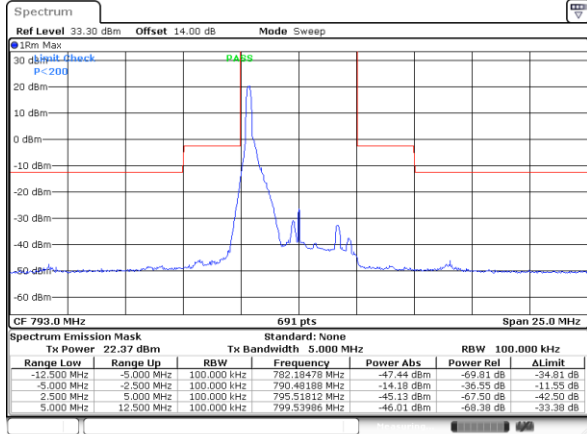


Date: 24.MAR.2023 03:08:06

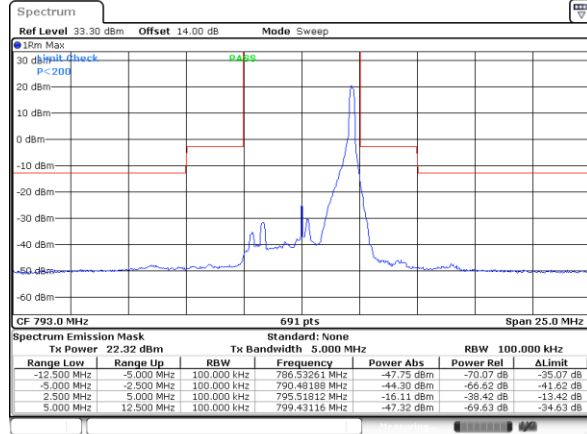


LTE Band 14 / 5MHz / 16QAM

Middle Channel / 1RB

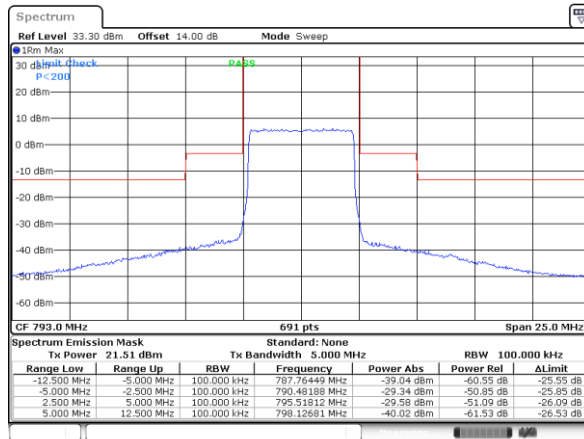


Date: 24.MAR.2023 03:06:01



Date: 24.MAR.2023 03:04:30

Middle Channel / Full RB

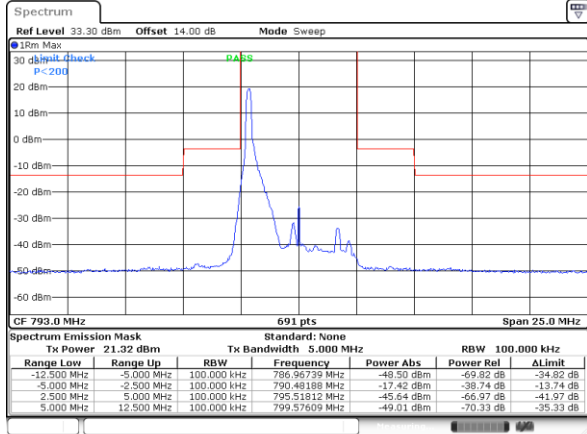


Date: 24.MAR.2023 03:07:33

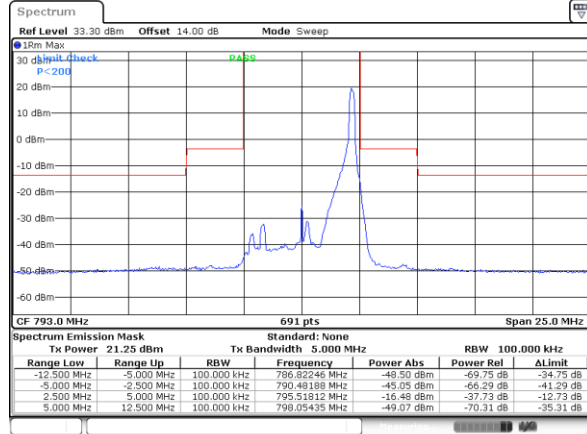


LTE Band 14 / 5MHz / 64QAM

Middle Channel / 1RB

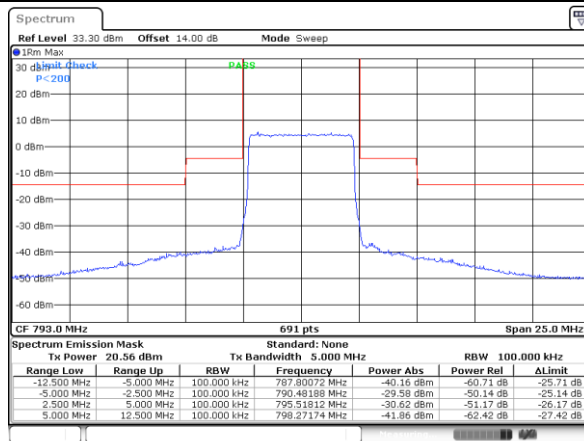


Date: 24.MAR.2023 03:06:35



Date: 24.MAR.2023 03:04:00

Middle Channel / Full RB

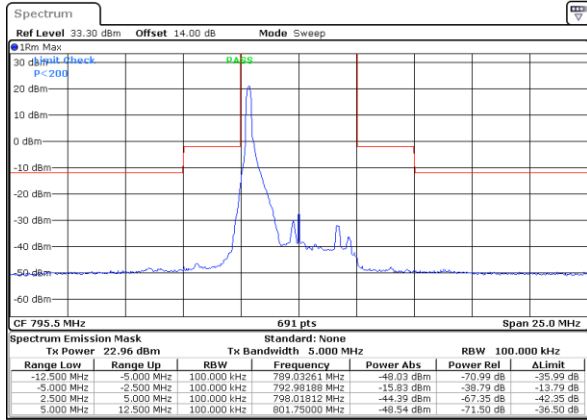


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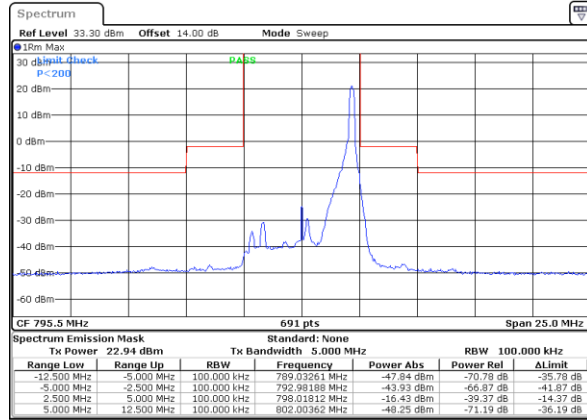


LTE Band 14 / 5MHz / QPSK

Highest Channel / 1RB

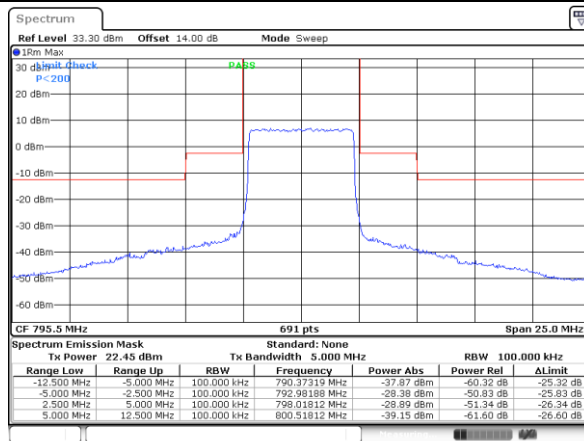


Date: 24.MAR.2023 03:11:12



Date: 24.MAR.2023 03:11:42

Highest Channel / Full RB

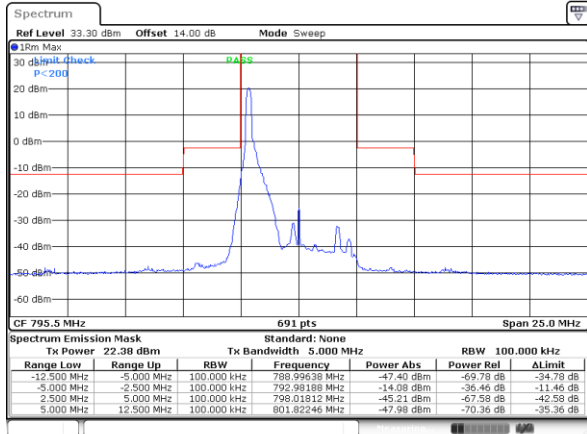


Date: 24.MAR.2023 03:08:35

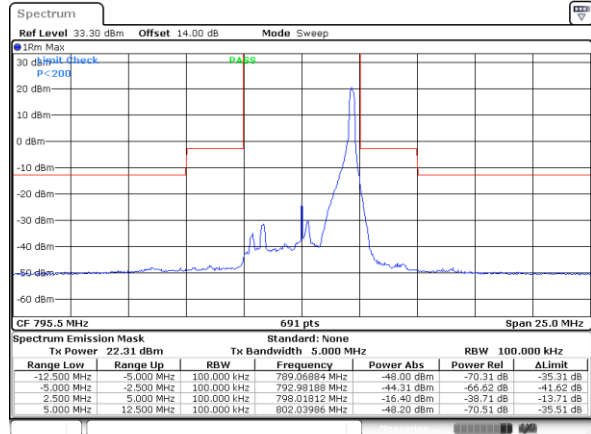


LTE Band 14 / 5MHz / 16QAM

Highest Channel / 1RB

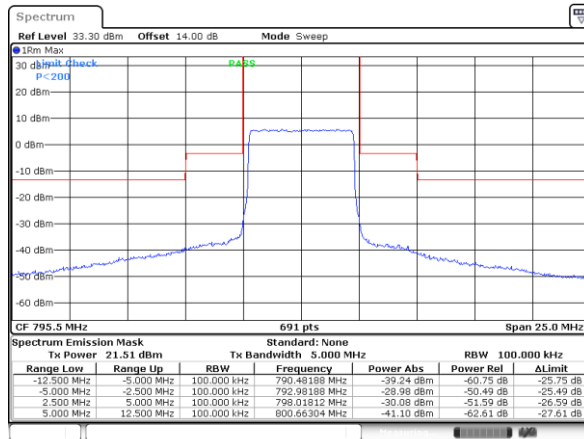


Date: 24.MAR.2023 03:10:43



Date: 24.MAR.2023 03:11:15

Highest Channel / Full RB

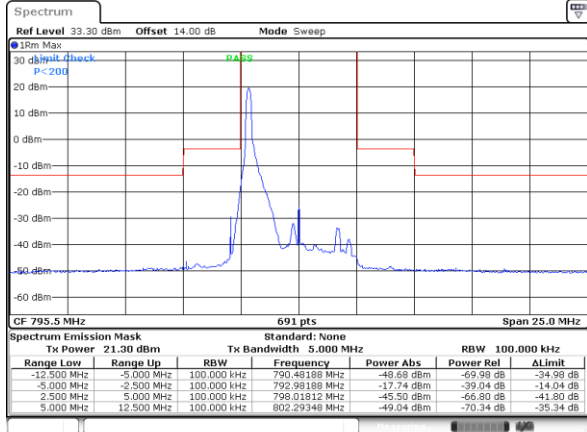


Date: 24.MAR.2023 03:09:05

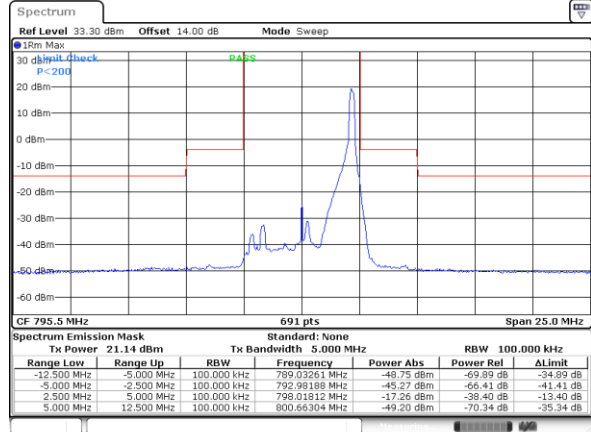


LTE Band 14 / 5MHz / 64QAM

Highest Channel / 1RB

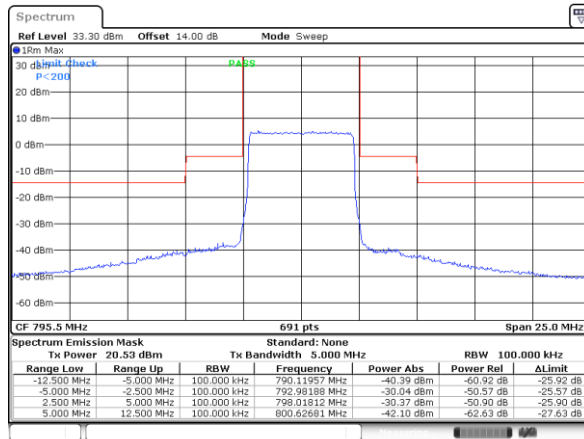


Date: 24.MAR.2023 03:10:09



Date: 24.MAR.2023 03:12:45

Highest Channel / Full RB

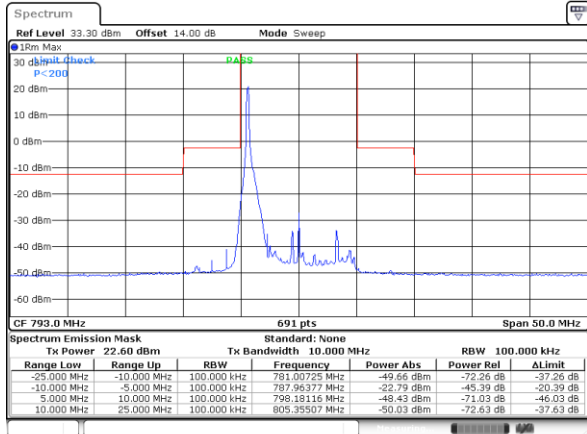


Date: 24.MAR.2023 03:09:38

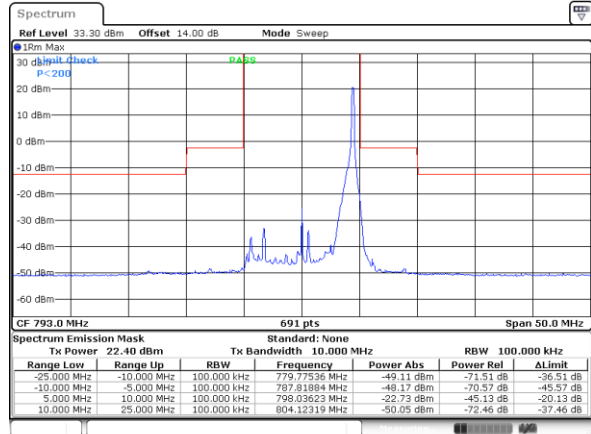


LTE Band 14 / 10MHz / QPSK

Middle Channel / 1RB

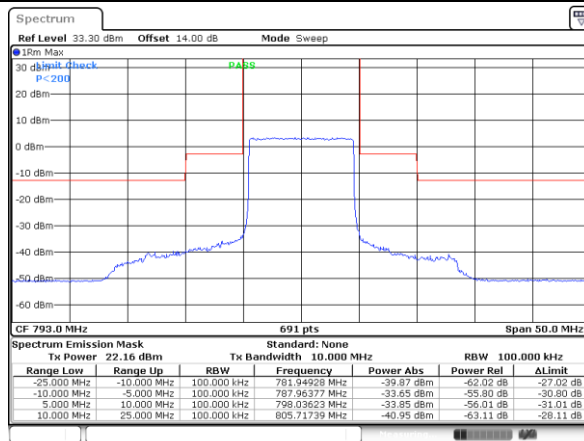


Date: 24.MAR.2023 03:14:46



Date: 24.MAR.2023 03:14:17

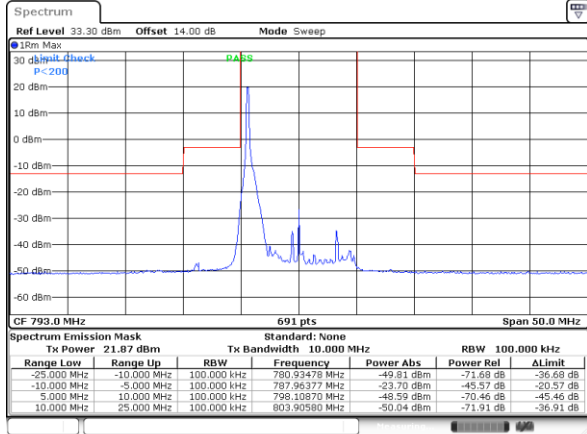
Middle Channel / Full RB



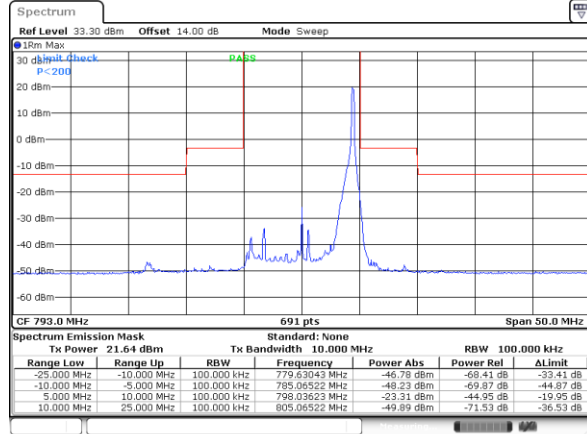
Date: 24.MAR.2023 03:17:21

LTE Band 14 / 10MHz / 16QAM

Middle Channel / 1RB

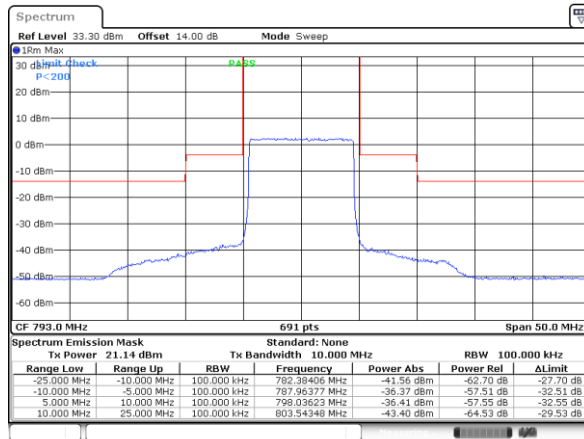


Date: 24.MAR.2023 03:15:19



Date: 24.MAR.2023 03:13:48

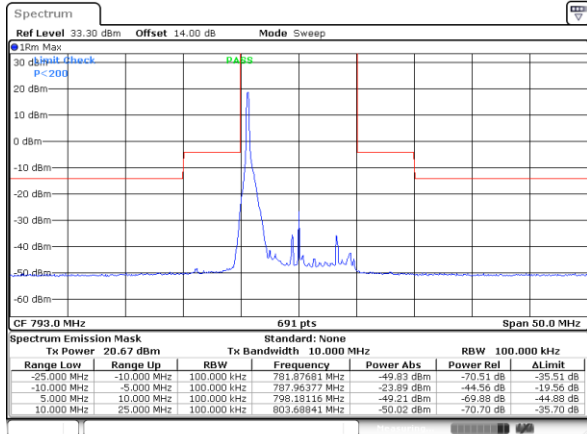
Middle Channel / Full RB



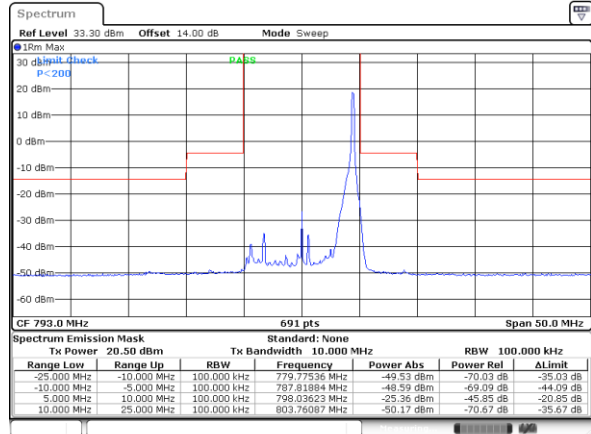
Date: 24.MAR.2023 03:16:51

LTE Band 14 / 10MHz / 64QAM

Middle Channel / 1RB

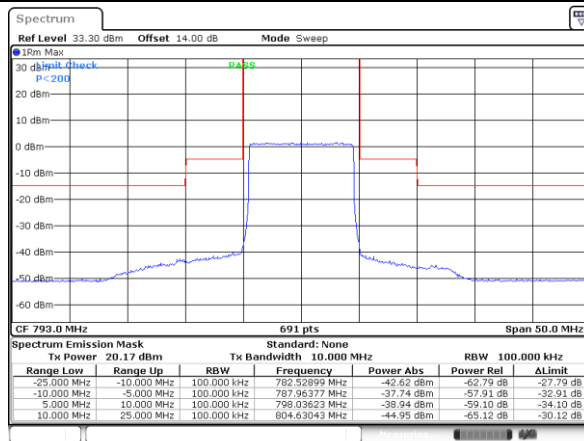


Date: 24.MAR.2023 03:15:49



Date: 24.MAR.2023 03:13:15

Middle Channel / Full RB



Date: 24.MAR.2023 03:16:18

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	0.0024	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0001	

Note:

1. Normal Voltage =3.91V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.5 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 :	Carry Xu	Temperature :	22~23°C
		Relative Humidity :	40~42%

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test and record in the report.

LTE Band 14 / QPSK / RB Size 1 Offset 0 / Ant. 0									
Channel	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)
High	5MHz	1576	-67.26	-42.15	-25.11	-69.89	1.09	5.87	H
		2368	-59.70	-13	-46.70	-62.10	1.37	5.92	H
		3152	-60.99	-13	-47.99	-64.88	1.64	7.68	H
		1576	-66.18	-42.15	-24.03	-68.81	1.09	5.87	V
		2368	-60.04	-13	-47.04	-62.44	1.37	5.92	V
		3152	-60.31	-13	-47.31	-64.20	1.64	7.68	V
Middle	5MHz	1584	-67.02	-42.15	-24.87	-69.65	1.09	5.87	H
		2376	-61.84	-13	-48.84	-64.24	1.37	5.92	H
		3160	-60.41	-13	-47.41	-64.30	1.64	7.68	H
		1584	-66.42	-42.15	-24.27	-69.05	1.09	5.87	V
		2376	-60.31	-13	-47.31	-62.71	1.37	5.92	V
		3160	-60.61	-13	-47.61	-64.50	1.64	7.68	V
Low	5MHz	1584	-66.88	-42.15	-24.73	-69.51	1.09	5.87	H
		2376	-61.72	-13	-48.72	-64.12	1.37	5.92	H
		3176	-60.89	-13	-47.89	-64.78	1.64	7.68	H
		1584	-66.07	-42.15	-23.92	-68.70	1.09	5.87	V
		2376	-60.47	-13	-47.47	-62.87	1.37	5.92	V
		3176	-60.69	-13	-47.69	-64.58	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 / QPSK / RB Size 1 Offset 0 / Ant. 0									
Channel	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	10MHz	1576	-67.42	-42.15	-25.27	-70.05	1.09	5.87	H
		2368	-60.70	-13	-47.70	-63.10	1.37	5.92	H
		3152	-60.91	-13	-47.91	-64.80	1.64	7.68	H
		1576	-66.26	-42.15	-24.11	-68.89	1.09	5.87	V
		2368	-60.34	-13	-47.34	-62.74	1.37	5.92	V
		3152	-60.67	-13	-47.67	-64.56	1.64	7.68	V
Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.									
Test Result					PASS				