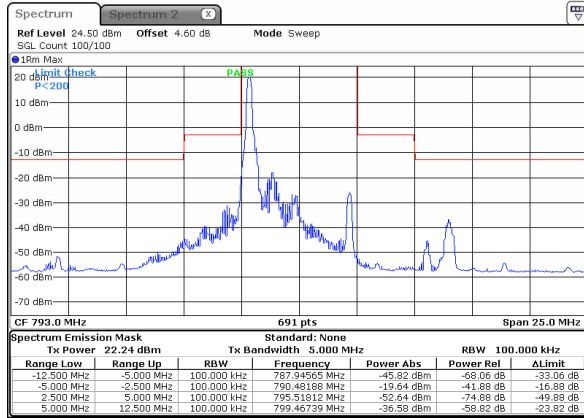


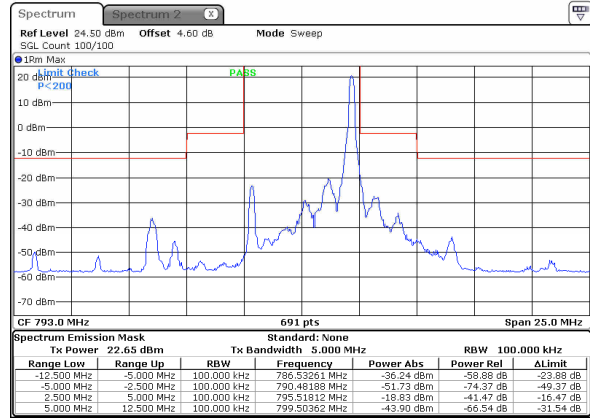


LTE Band 14 / 5MHz / 16QAM

Middle Channel / 1RB

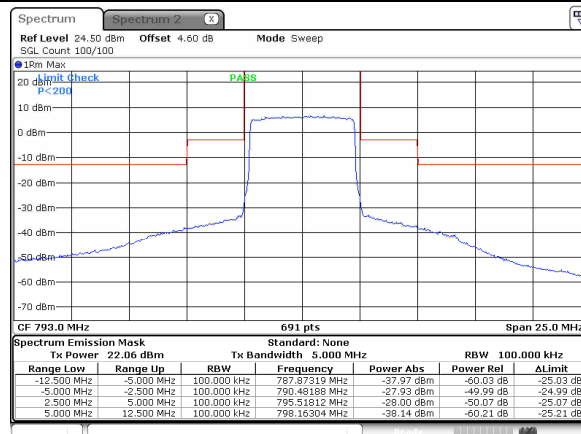


Date: 17_SEP_2025 20:40:24



Date: 17_SEP_2025 20:47:32

Middle Channel / Full RB

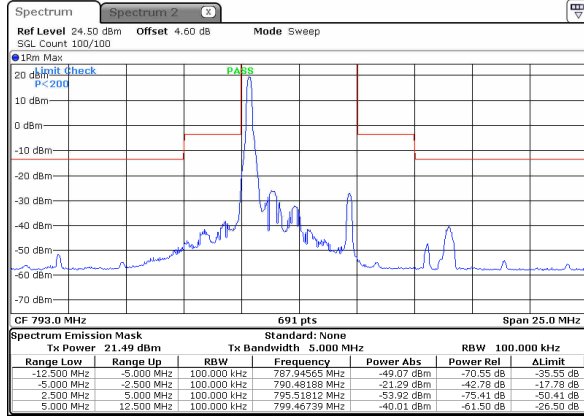


Date: 17_SEP_2025 20:54:41

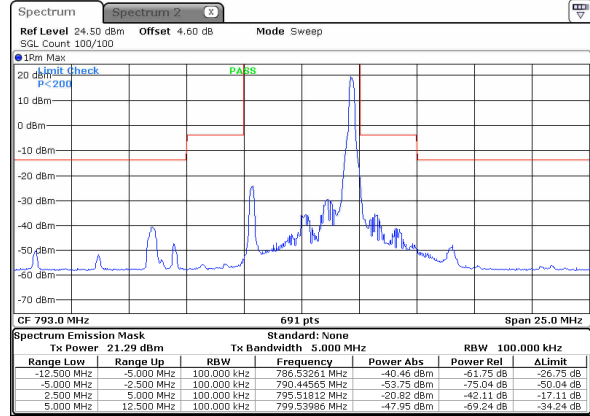


LTE Band 14 / 5MHz / 64QAM

Middle Channel / 1RB

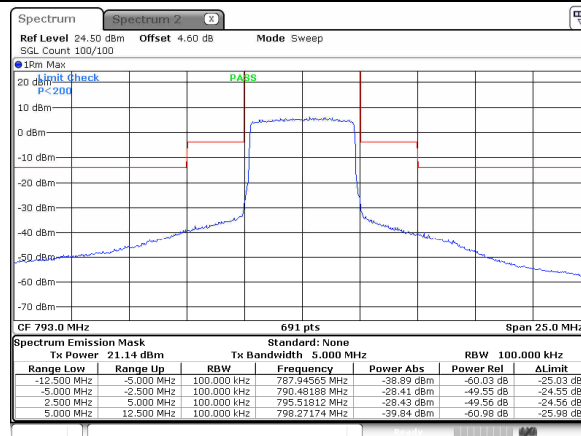


Date: 17.SEP.2025 20:42:47



Date: 17.SEP.2025 20:49:55

Middle Channel / Full RB

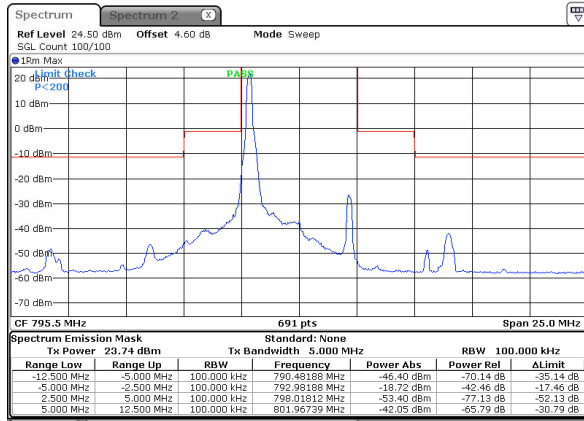


Date: 17.SEP.2025 20:57:04

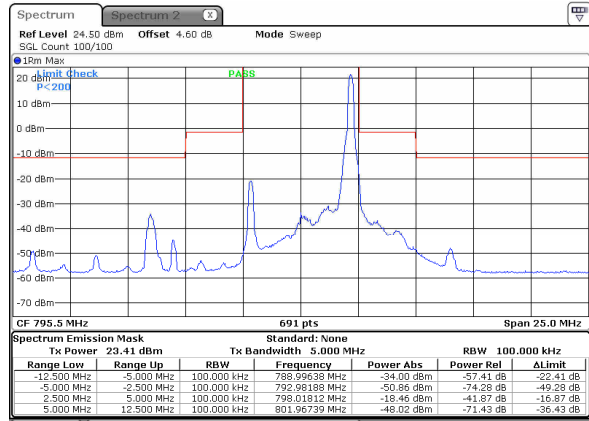


LTE Band 14 / 5MHz / QPSK

Highest Channel / 1RB

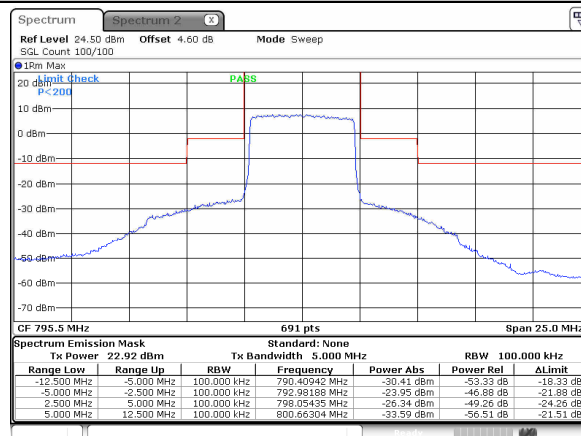


Date: 17.SEP.2025 20:59:27



Date: 17.SEP.2025 21:06:37

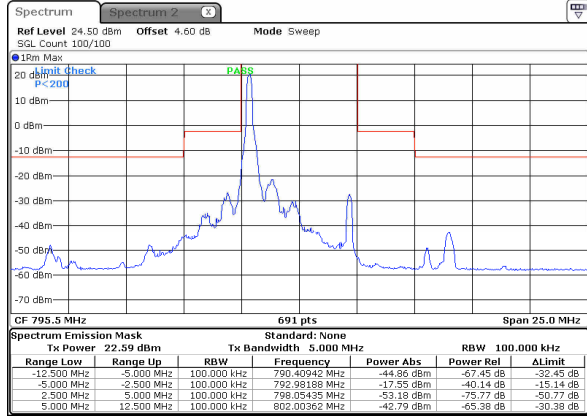
Highest Channel / Full RB



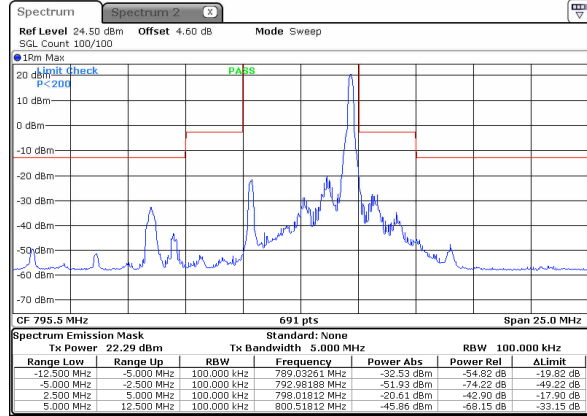
Date: 17.SEP.2025 21:13:47

LTE Band 14 / 5MHz / 16QAM

Highest Channel / 1RB

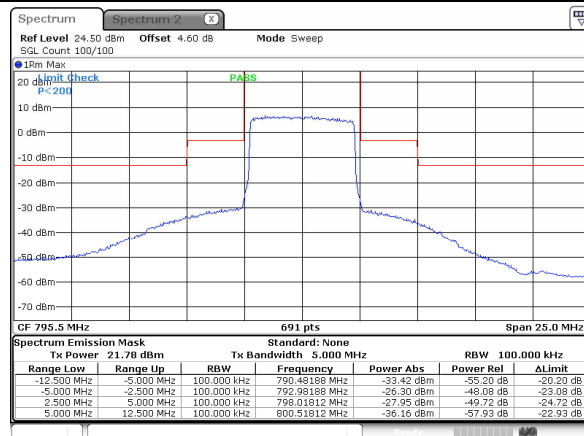


Date: 17.SEP.2025 21:01:50



Date: 17.SEP.2025 21:09:00

Highest Channel / Full RB

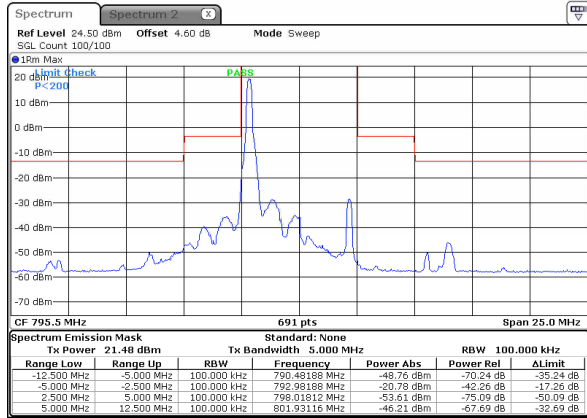


Date: 17.SEP.2025 21:16:11

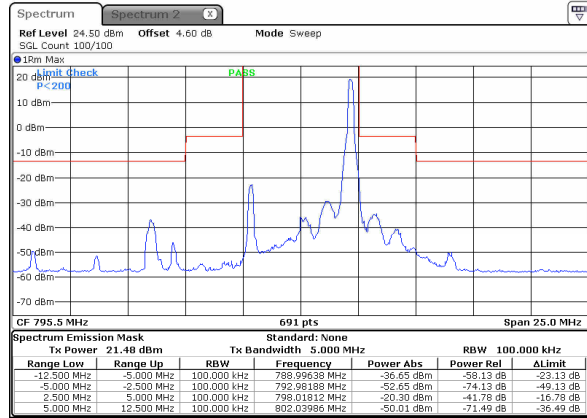


LTE Band 14 / 5MHz / 64QAM

Highest Channel / 1RB

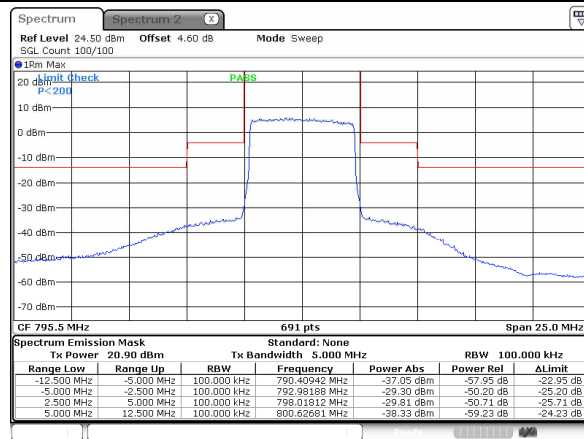


Date: 17.SEP.2025 21:04:14



Date: 17.SEP.2025 21:11:24

Highest Channel / Full RB

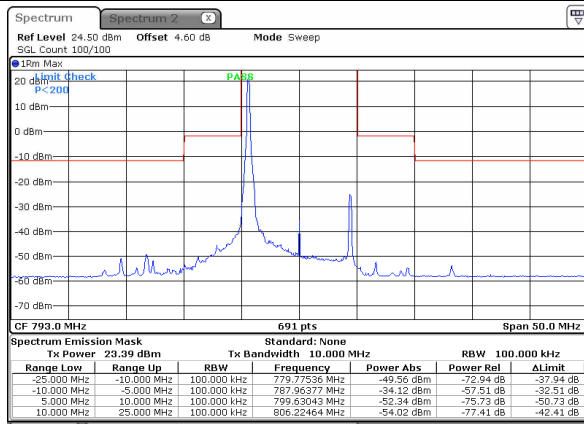


Date: 17.SEP.2025 21:18:34

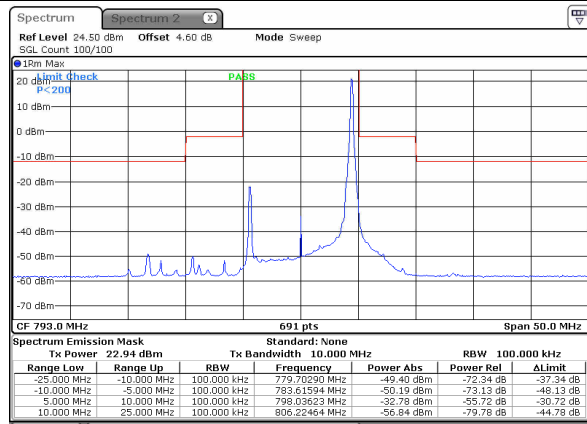


LTE Band 14 / 10MHz / QPSK

Middle Channel / 1RB

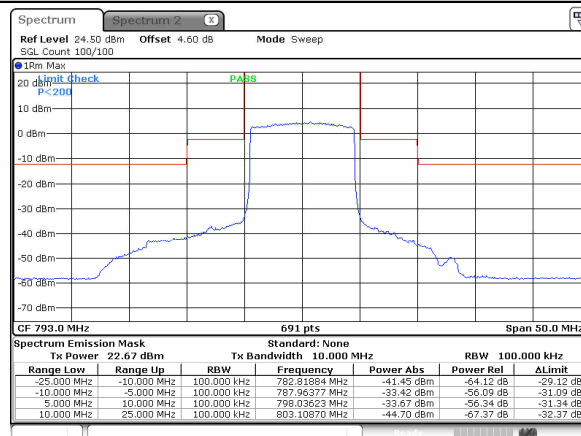


Date: 17.SEP.2025 21:20:57



Date: 17.SEP.2025 21:28:06

Middle Channel / Full RB

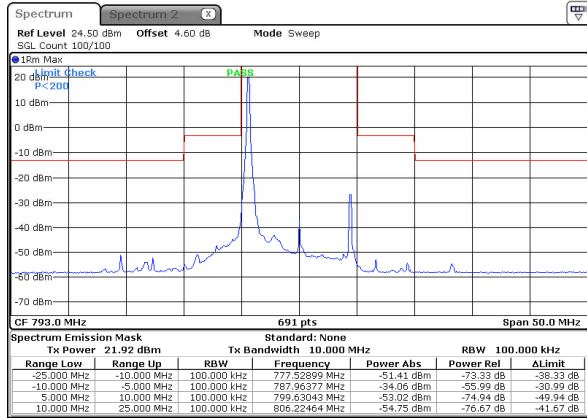


Date: 17.SEP.2025 21:35:14

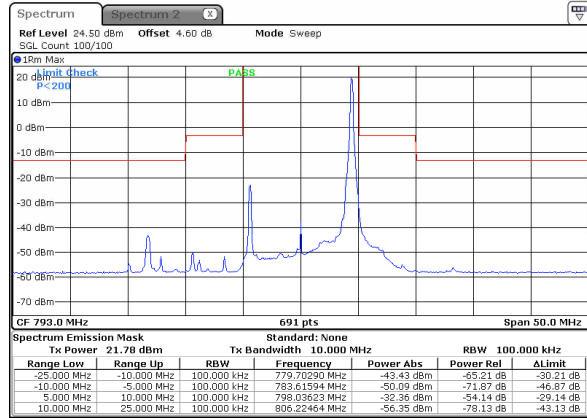


LTE Band 14 / 10MHz / 16QAM

Middle Channel / 1RB

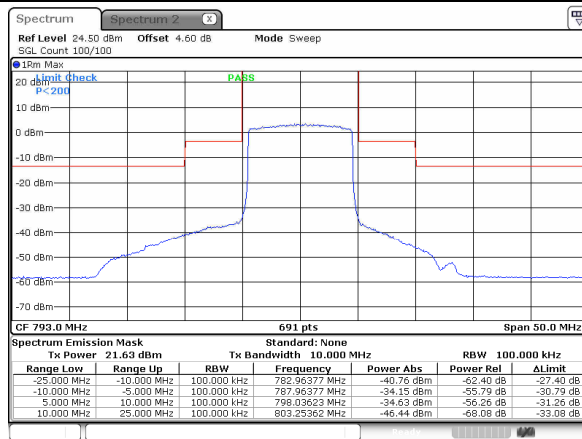


Date: 17.SEP.2025 21:23:20



Date: 17.SEP.2025 21:30:28

Middle Channel / Full RB

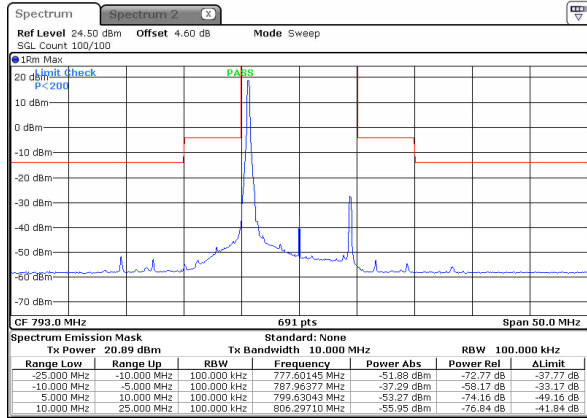


Date: 17.SEP.2025 21:37:36

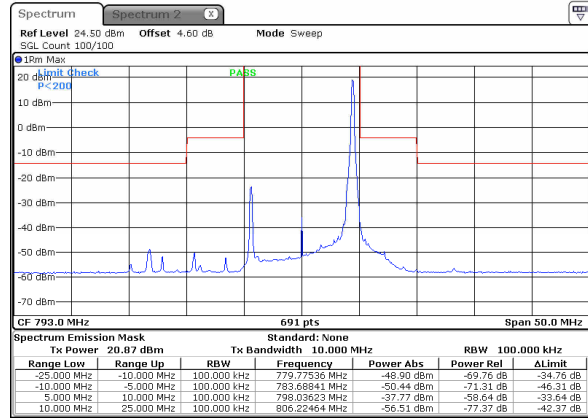


LTE Band 14 / 10MHz / 64QAM

Middle Channel / 1RB

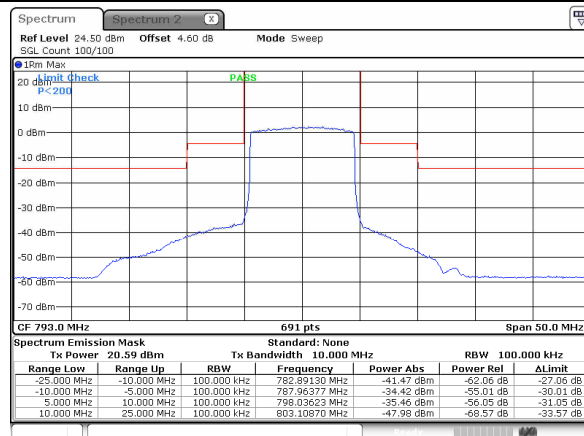


Date: 17.SEP.2025 21:25:43



Date: 17.SEP.2025 21:32:51

Middle Channel / Full RB



Date: 17.SEP.2025 21:39:59

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	0.0017	PASS
40	Normal Voltage	0.0036	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0088	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0049	
20	Maximum Voltage	0.0053	
20	Normal Voltage	0.0067	
20	Battery End Point	0.0034	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 14 (QPSK) / Lowest Highest Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Within Band
		Frequency Offset (Δf) (Hz)	Result
50	Normal Voltage	2.1	PASS
40	Normal Voltage	-2.4	
30	Normal Voltage	4.8	
20(Ref.)	Normal Voltage	-1.1	
10	Normal Voltage	-3.3	
0	Normal Voltage	1.4	
-10	Normal Voltage	-2.8	
-20	Normal Voltage	4.3	
-30	Normal Voltage	-1.9	
20	Maximum Voltage	2.2	
20	Normal Voltage	3.6	
20	Battery End Point	1.3	

$|\text{MAX}(\Delta f)| = 4.8\text{Hz}$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	788.140995	$\geq 788 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	797.859005	$\leq 799 \text{ MHz}$	

Appendix B. Test Results of Radiated Test

Field Strength of Spurious Radiated

Test Engineer :	Jake	Temperature :	22~26℃
		Relative Humidity :	50~53%

LTE Band 14 / 5MHz / 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)
Low	1576	-50.02	-42.15	-7.87	-52.65	1.09	5.87	H
	2368	-49.63	-13	-36.63	-52.03	1.37	5.92	H
	3152	-58.52	-13	-45.52	-62.41	1.64	7.68	H
	1576	-53.00	-42.15	-10.85	-55.63	1.09	5.87	V
	2368	-48.19	-13	-35.19	-50.59	1.37	5.92	V
	3152	-58.01	-13	-45.01	-61.90	1.64	7.68	V
Middle	1584	-49.97	-42.15	-7.82	-52.60	1.09	5.87	H
	2376	-56.29	-13	-43.29	-58.69	1.37	5.92	H
	3160	-58.43	-13	-45.43	-62.32	1.64	7.68	H
	1584	-52.68	-42.15	-10.53	-55.31	1.09	5.87	V
	2376	-52.20	-13	-39.20	-54.60	1.37	5.92	V
	3160	-58.27	-13	-45.27	-62.16	1.64	7.68	V
High	1584	-51.25	-42.15	-9.10	-53.88	1.09	5.87	H
	2376	-55.86	-13	-42.86	-58.26	1.37	5.92	H
	3176	-58.39	-13	-45.39	-62.28	1.64	7.68	H
	1584	-51.33	-42.15	-9.18	-53.96	1.09	5.87	V
	2376	-54.15	-13	-41.15	-56.55	1.37	5.92	V
	3176	-58.40	-13	-45.40	-62.29	1.64	7.68	V

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

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	1576	-49.14	-42.15	-6.99	-51.77	1.09	5.87	H
	2368	-49.03	-13	-36.03	-51.43	1.37	5.92	H
	3152	-57.94	-13	-44.94	-61.83	1.64	7.68	H
	1576	-52.25	-42.15	-10.10	-54.88	1.09	5.87	V
	2368	-50.40	-13	-37.40	-52.80	1.37	5.92	V
	3152	-57.58	-13	-44.58	-61.47	1.64	7.68	V

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