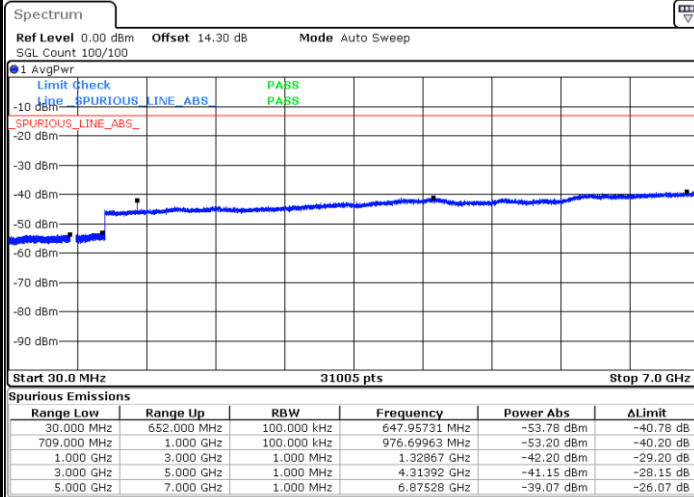




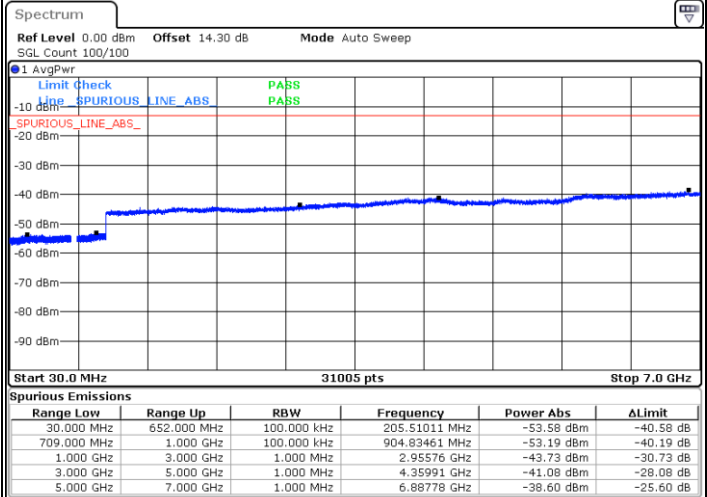
LTE Band 71 / 20MHz

Lowest Channel / QPSK



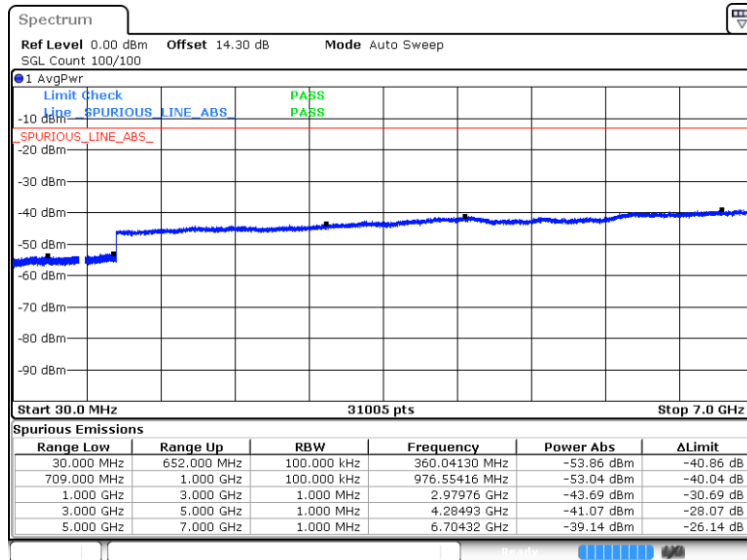
Date: 4 SEP.2026 11:06:51

Middle Channel / QPSK



Date: 4 SEP.2026 11:07:56

Highest Channel / QPSK



Date: 4 SEP.2026 11:12:18

Frequency Stability

Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Note 2.
		Frequency Offset (Δf) (Hz)	Result
50	Normal Voltage	2.6	PASS
40	Normal Voltage	1.7	
30	Normal Voltage	2.9	
20(Ref.)	Normal Voltage	3.4	
10	Normal Voltage	1.6	
0	Normal Voltage	3.7	
-10	Normal Voltage	5.3	
-20	Normal Voltage	2.4	
-30	Normal Voltage	2.2	
20	Maximum Voltage	3	
20	Normal Voltage	3.4	
20	Minimum Voltage	4.4	

Note:

1. Normal Voltage = 3.8 V. ; Minimum Voltage = 3.3 V. ; Maximum Voltage = 4.3 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

$$|\text{MAX}(\Delta f)| = 5.3\text{Hz}$$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	663.262235	$\geq 663 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	697.747755	$\leq 698 \text{ MHz}$	



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	LiangPingZhou	Temperature :	22~25°C
		Relative Humidity :	48~52%

Sample 1:

LTE Band 2 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (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	3702	-53.38	-13	-40.38	-72.22	-60.14	5.82	12.58	H
	5553	-57.03	-13	-44.03	-79.81	-62.75	7.28	13.00	H
	7404	-51.97	-13	-38.97	-79.12	-55.13	8.32	11.48	H
	3702	-49.76	-13	-36.76	-68.5	-56.52	5.82	12.58	V
	5553	-56.82	-13	-43.82	-79.78	-62.54	7.28	13.00	V
	7404	-51.50	-13	-38.50	-78.67	-54.66	8.32	11.48	V
Middle	3742	-52.44	-13	-39.44	-71.38	-59.19	5.85	12.60	H
	5613	-56.80	-13	-43.80	-79.68	-62.60	7.30	13.10	H
	7484	-52.05	-13	-39.05	-78.98	-55.20	8.35	11.50	H
	3742	-47.73	-13	-34.73	-66.59	-54.48	5.85	12.60	V
	5613	-56.79	-13	-43.79	-79.86	-62.59	7.30	13.10	V
	7484	-51.27	-13	-38.27	-78.19	-54.42	8.35	11.50	V
Highest	3782	-51.38	-13	-38.38	-70.42	-58.12	5.88	12.62	H
	5673	-56.12	-13	-43.12	-79.92	-61.93	7.32	13.13	H
	7564	-52.38	-13	-39.38	-79.12	-55.54	8.38	11.54	H
	3782	-48.05	-13	-35.05	-67.06	-54.79	5.88	12.62	V
	5673	-56.56	-13	-43.56	-79.84	-62.37	7.32	13.13	V
	7564	-52.37	-13	-39.37	-79.08	-55.53	8.38	11.54	V

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



LTE Band 5 / 10MHz / QPSK									
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	1649.18	-57.27	-13	-44.27	-67.58	-60.50	3.98	9.36	H
	2473.77	-61.45	-13	-48.45	-76.24	-65.00	4.85	10.55	H
	3298.36	-60.82	-13	-47.82	-77.67	-65.75	5.50	12.58	H
	1649.18	-47.46	-13	-34.46	-57.51	-50.69	3.98	9.36	V
	2473.77	-58.44	-13	-45.44	-73.20	-61.99	4.85	10.55	V
	3298.36	-61.22	-13	-48.22	-77.88	-66.15	5.50	12.58	V
Middle	1664	-57.62	-13	-44.62	-67.97	-60.87	4.00	9.40	H
	2496	-62.24	-13	-49.24	-76.99	-65.81	4.88	10.60	H
	3328	-61.00	-13	-48.00	-77.53	-65.93	5.52	12.60	H
	1664	-47.24	-13	-34.24	-57.19	-50.49	4.00	9.40	V
	2496	-57.19	-13	-44.19	-71.90	-60.76	4.88	10.60	V
	3328	-62.03	-13	-49.03	-78.32	-66.96	5.52	12.60	V
Highest	1679.18	-54.12	-13	-41.12	-64.48	-57.29	4.10	9.42	H
	2518.77	-62.39	-13	-49.39	-77.09	-65.97	4.90	10.63	H
	3358.36	-61.59	-13	-48.59	-78.09	-66.51	5.55	12.62	H
	1679.18	-47.82	-13	-34.82	-57.63	-50.99	4.10	9.42	V
	2518.77	-58.72	-13	-45.72	-73.38	-62.30	4.90	10.63	V
	3358.36	-61.70	-13	-48.70	-78.06	-66.62	5.55	12.62	V

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

LTE Band 12 / 10MHz / QPSK									
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	1399	-56.75	-13	-43.75	-67.54	-59.98	3.98	9.36	H
	2098.5	-62.54	-13	-49.54	-76.09	-66.09	4.85	10.55	H
	2798	-61.20	-13	-48.20	-77.36	-66.13	5.50	12.58	H
	1399	-47.75	-13	-34.75	-58.11	-50.98	3.98	9.36	V
	2098.5	-58.45	-13	-45.45	-71.95	-62.00	4.85	10.55	V
	2798	-60.97	-13	-47.97	-77.32	-65.90	5.50	12.58	V
Middle	1406	-53.25	-13	-40.25	-64.17	-56.50	4.00	9.40	H
	2109	-62.78	-13	-49.78	-76.35	-66.35	4.88	10.60	H
	2812	-60.99	-13	-47.99	-77.19	-65.92	5.52	12.60	H
	1406	-45.49	-13	-32.49	-55.97	-48.74	4.00	9.40	V
	2109	-60.49	-13	-47.49	-74.01	-64.06	4.88	10.60	V
	2812	-60.83	-13	-47.83	-77.22	-65.76	5.52	12.60	V
Highest	1413	-48.39	-13	-35.39	-59.31	-51.56	4.10	9.42	H
	2119.5	-62.43	-13	-49.43	-76.31	-66.01	4.90	10.63	H
	2826	-60.99	-13	-47.99	-77.19	-65.91	5.55	12.62	H
	1413	-45.58	-13	-32.58	-56.06	-48.75	4.10	9.42	V
	2119.5	-62.08	-13	-49.08	-75.92	-65.66	4.90	10.63	V
	2826	-60.91	-13	-47.91	-77.30	-65.83	5.55	12.62	V

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



LTE Band 13 / 5MHz / QPSK									
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	1554.5	-64.48	-13	-51.48	-74.85	-67.71	3.98	9.36	H
	2331.75	-61.78	-13	-48.78	-76.97	-65.33	4.85	10.55	H
	3109	-60.35	-13	-47.35	-77.56	-65.28	5.50	12.58	H
	1554.5	-64.39	-13	-51.39	-74.84	-67.62	3.98	9.36	V
	2331.75	-61.75	-13	-48.75	-76.94	-65.30	4.85	10.55	V
	3109	-56.94	-13	-43.94	-74.21	-61.87	5.50	12.58	V
Middle	1559.5	-63.82	-42.15	-21.67	-74.19	-67.07	4.00	9.40	H
	2339.25	-61.03	-13	-48.03	-76.18	-64.60	4.88	10.60	H
	3119	-59.41	-13	-46.41	-76.75	-64.34	5.52	12.60	H
	1559.5	-62.22	-42.15	-20.07	-72.67	-65.47	4.00	9.40	V
	2339.25	-59.88	-13	-46.88	-75.03	-63.45	4.88	10.60	V
	3119	-55.13	-13	-42.13	-72.51	-60.06	5.52	12.60	V
Highest	1564.5	-63.60	-42.15	-21.45	-73.97	-66.77	4.10	9.42	H
	2346.75	-61.72	-13	-48.72	-76.87	-65.30	4.90	10.63	H
	3129	-60.50	-13	-47.50	-77.84	-65.42	5.55	12.62	H
	1564.5	-62.68	-42.15	-20.53	-73.13	-65.85	4.10	9.42	V
	2346.75	-58.52	-13	-45.52	-73.67	-62.10	4.90	10.63	V
	3129	-56.97	-13	-43.97	-74.35	-61.89	5.55	12.62	V

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

LTE Band 13 / 10MHz / QPSK									
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	1559.5	-64.54	-42.15	-22.39	-74.91	-67.79	4.00	9.40	H
	2339.25	-61.53	-13	-48.53	-76.68	-65.10	4.88	10.60	H
	3119	-60.48	-13	-47.48	-77.82	-65.41	5.52	12.60	H
	1559.5	-64.28	-42.15	-22.13	-74.73	-67.53	4.00	9.40	V
	2339.25	-61.77	-13	-48.77	-76.92	-65.34	4.88	10.60	V
	3119	-59.82	-13	-46.82	-77.20	-64.75	5.52	12.60	V

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



LTE Band 25 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (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	3702	-53.38	-13	-40.38	-72.22	-60.14	5.82	12.58	H
	5553	-57.03	-13	-44.03	-79.81	-62.75	7.28	13.00	H
	7404	-51.97	-13	-38.97	-79.12	-55.13	8.32	11.48	H
	3702	-49.76	-13	-36.76	-68.5	-56.52	5.82	12.58	V
	5553	-56.82	-13	-43.82	-79.78	-62.54	7.28	13.00	V
	7404	-51.50	-13	-38.50	-78.67	-54.66	8.32	11.48	V
Middle	3742	-52.44	-13	-39.44	-71.38	-59.19	5.85	12.60	H
	5613	-56.80	-13	-43.80	-79.68	-62.60	7.30	13.10	H
	7484	-52.05	-13	-39.05	-78.98	-55.20	8.35	11.50	H
	3742	-47.73	-13	-34.73	-66.59	-54.48	5.85	12.60	V
	5613	-56.79	-13	-43.79	-79.86	-62.59	7.30	13.10	V
	7484	-51.27	-13	-38.27	-78.19	-54.42	8.35	11.50	V
Highest	3782	-51.38	-13	-38.38	-70.42	-58.12	5.88	12.62	H
	5673	-56.12	-13	-43.12	-79.92	-61.93	7.32	13.13	H
	7564	-52.38	-13	-39.38	-79.12	-55.54	8.38	11.54	H
	3782	-48.05	-13	-35.05	-67.06	-54.79	5.88	12.62	V
	5673	-56.56	-13	-43.56	-79.84	-62.37	7.32	13.13	V
	7564	-52.37	-13	-39.37	-79.08	-55.53	8.38	11.54	V

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

LTE Band 66 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (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	3422	-54.57	-13	-41.57	-71.50	-61.45	5.60	12.48	H
	5133	-56.91	-13	-43.91	-79.73	-62.59	7.10	12.78	H
	6844	-53.60	-13	-40.60	-79.44	-56.99	8.38	11.77	H
	3422	-49.65	-13	-36.65	-66.67	-56.53	5.60	12.48	V
	5133	-56.93	-13	-43.93	-79.97	-62.61	7.10	12.78	V
	6844	-52.88	-13	-39.88	-79.22	-56.27	8.38	11.77	V
Middle	3472	-58.21	-13	-45.21	-75.59	-65.06	5.65	12.50	H
	5208	-57.03	-13	-44.03	-79.61	-62.70	7.13	12.80	H
	6944	-52.67	-13	-39.67	-79.19	-56.07	8.40	11.80	H
	3472	-48.95	-13	-35.95	-66.35	-55.80	5.65	12.50	V
	5208	-57.18	-13	-44.18	-80.01	-62.85	7.13	12.80	V
	6944	-52.19	-13	-39.19	-79.18	-55.59	8.40	11.80	V
Highest	3522	-60.40	-13	-47.40	-78.24	-67.24	5.68	12.52	H
	5283	-57.37	-13	-44.37	-79.81	-63.04	7.15	12.82	H
	7044	-52.36	-13	-39.36	-79.30	-55.79	8.42	11.85	H
	3522	-50.06	-13	-37.06	-67.84	-56.90	5.68	12.52	V
	5283	-58.04	-13	-45.04	-80.61	-63.71	7.15	12.82	V
	7044	-51.70	-13	-38.70	-79.07	-55.13	8.42	11.85	V

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



LTE Band 71 / 20MHz / QPSK									
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	1328	-54.99	-13	-41.99	-61.41	-58.22	3.98	9.36	H
	1992	-65.05	-13	-52.05	-72.52	-68.60	4.85	10.55	H
	2656	-63.80	-13	-50.80	-74.41	-68.73	5.50	12.58	H
	1328	-49.76	-13	-36.76	-56.09	-52.99	3.98	9.36	V
	1992	-61.11	-13	-48.11	-68.99	-64.66	4.85	10.55	V
	2656	-63.31	-13	-50.31	-74.25	-68.24	5.50	12.58	V
Middle	1348	-56.60	-13	-43.60	-63.42	-59.85	4.00	9.40	H
	2022	-65.38	-13	-52.38	-73.32	-68.95	4.88	10.60	H
	2696	-62.96	-13	-49.96	-73.89	-67.89	5.52	12.60	H
	1348	-51.63	-13	-38.63	-58.41	-54.88	4.00	9.40	V
	2022	-62.34	-13	-49.34	-70.69	-65.91	4.88	10.60	V
	2696	-63.01	-13	-50.01	-74.24	-67.94	5.52	12.60	V
Highest	1358	-56.13	-13	-43.13	-63.09	-59.30	4.10	9.42	H
	2037	-65.29	-13	-52.29	-73.48	-68.87	4.90	10.63	H
	2716	-63.21	-13	-50.21	-74.32	-68.13	5.55	12.62	H
	1358	-54.13	-13	-41.13	-61.07	-57.30	4.10	9.42	V
	2037	-65.04	-13	-52.04	-73.64	-68.62	4.90	10.63	V
	2716	-63.17	-13	-50.17	-74.56	-68.09	5.55	12.62	V

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



Sample 2 :

LTE Band 2 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (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	3702.18	-60.73	-13	-47.73	-75.27	-67.49	5.82	12.58	H
	5553.27	-61.89	-13	-48.89	-79.42	-67.61	7.28	13.00	H
	7404.36	-55.12	-13	-42.12	-78.06	-58.28	8.32	11.48	H
	3702.18	-57.72	-13	-44.72	-72.55	-64.48	5.82	12.58	V
	5553.27	-61.35	-13	-48.35	-78.93	-67.07	7.28	13.00	V
	7404.36	-54.98	-13	-41.98	-77.96	-58.14	8.32	11.48	V
Middle	3742.18	-57.96	-13	-44.96	-72.59	-64.71	5.85	12.60	H
	5613.27	-61.27	-13	-48.27	-78.99	-67.07	7.30	13.10	H
	7484.36	-55.59	-13	-42.59	-78.27	-58.74	8.35	11.50	H
	3742.18	-54.39	-13	-41.39	-69.23	-61.14	5.85	12.60	V
	5613.27	-61.44	-13	-48.44	-79.07	-67.24	7.30	13.10	V
	7484.36	-55.31	-13	-42.31	-77.92	-58.46	8.35	11.50	V
Highest	3782.18	-54.48	-13	-41.48	-69.18	-61.22	5.88	12.62	H
	5673.27	-61.21	-13	-48.21	-79.08	-67.02	7.32	13.13	H
	7564.36	-55.82	-13	-42.82	-78.29	-58.98	8.38	11.54	H
	3782.18	-53.13	-13	-40.13	-67.96	-59.87	5.88	12.62	V
	5673.27	-61.00	-13	-48.00	-78.84	-66.81	7.32	13.13	V
	7564.36	-56.06	-13	-43.06	-78.35	-59.22	8.38	11.54	V

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



LTE Band 13 / 5MHz / QPSK									
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	1554.5	-65.78	-13	-52.78	-72.27	-69.01	3.98	9.36	H
	2331.75	-63.83	-13	-50.83	-74.39	-67.38	4.85	10.55	H
	3109	-60.89	-13	-47.89	-73.57	-65.82	5.50	12.58	H
	1554.5	-65.63	-13	-52.63	-72.32	-68.86	3.98	9.36	V
	2331.75	-63.21	-13	-50.21	-74.16	-66.76	4.85	10.55	V
	3109	-56.93	-13	-43.93	-70.11	-61.86	5.50	12.58	V
Middle	1559.5	-66.11	-42.15	-23.96	-72.54	-69.36	4.00	9.40	H
	2339.25	-63.82	-13	-50.82	-74.37	-67.39	4.88	10.60	H
	3119	-61.61	-13	-48.61	-74.35	-66.54	5.52	12.60	H
	1559.5	-65.35	-42.15	-23.20	-71.99	-68.60	4.00	9.40	V
	2339.25	-62.64	-13	-49.64	-73.58	-66.21	4.88	10.60	V
	3119	-61.57	-13	-48.57	-74.82	-66.50	5.52	12.60	V
Highest	1564.5	-63.25	-42.15	-21.10	-69.62	-66.42	4.10	9.42	H
	2346.75	-61.38	-13	-48.38	-71.89	-64.96	4.90	10.63	H
	3129	-60.81	-13	-47.81	-73.58	-65.73	5.55	12.62	H
	1564.5	-63.07	-42.15	-20.92	-69.66	-66.24	4.10	9.42	V
	2346.75	-60.01	-13	-47.01	-70.91	-63.59	4.90	10.63	V
	3129	-58.05	-13	-45.05	-71.35	-62.97	5.55	12.62	V

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

LTE Band 13 / 10MHz / QPSK									
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	1559.5	-65.87	-42.15	-23.72	-72.30	-69.12	4.00	9.40	H
	2339.25	-63.92	-13	-50.92	-74.47	-67.49	4.88	10.60	H
	3119	-62.27	-13	-49.27	-75.01	-67.20	5.52	12.60	H
	1559.5	-65.71	-42.15	-23.56	-72.35	-68.96	4.00	9.40	V
	2339.25	-63.28	-13	-50.28	-74.22	-66.85	4.88	10.60	V
	3119	-60.16	-13	-47.16	-73.41	-65.09	5.52	12.60	V

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