# **Radiated Spurious Emission**

## LTE Band 2

			L	TE Band 2/	1.4MHz / QP	SK			
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)
	3702	-52.82	-13	-39.82	-69.58	-59.39	1.67	8.24	Н
	5550	-43.80	-13	-30.80	-66.49	-50.87	2.65	9.72	Н
	7398	-50.98	-13	-37.98	-77.97	-60.11	2.46	11.60	Н
									Н
									Н
Lowest									Н
Lowest	3702	-52.68	-13	-39.68	-69.61	-59.25	1.67	8.24	V
	5550	-44.60	-13	-31.60	-67.09	-51.67	2.65	9.72	V
	7398	-51.09	-13	-38.09	-78.11	-60.22	2.46	11.60	V
									V
									V
									V
	3762	-48.72	-13	-35.72	-65.65	-55.35	1.69	8.31	Н
	5640	-42.32	-13	-29.32	-65.17	-49.37	2.71	9.76	Н
	7518	-50.37	-13	-37.37	-77.6	-59.76	2.42	11.81	Н
									Н
									Н
Middle									Н
Middle	3762	-50.05	-13	-37.05	-67.22	-56.68	1.69	8.31	V
	5640	-43.24	-13	-30.24	-65.71	-50.29	2.71	9.76	V
	7518	-49.70	-13	-36.70	-77.09	-59.09	2.42	11.81	V
									V
									V
									V
	3816	-51.47	-13	-38.47	-68.68	-58.15	1.70	8.38	Н
	5724	-43.53	-13	-30.53	-66.51	-50.57	2.75	9.79	Н
	7632	-50.34	-13	-37.34	-77.73	-59.83	2.39	11.88	Н
									Н
									Н
∐igh oot									Н
Highest	3816	-55.75	-13	-42.75	-73.01	-62.43	1.70	8.38	V
	5724	-46.97	-13	-33.97	-69.71	-54.01	2.75	9.79	V
	7632	-50.25	-13	-37.25	-77.77	-59.74	2.39	11.88	V
									V
									V
									V

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

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 Page Number

: B2-1 of 24

					/ 3MHz / QPS	J1 X			
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)
	3702	-51.86	-13	-38.86	-68.67	-58.43	1.67	8.24	Н
	5550	-44.91	-13	-31.91	-67.49	-51.98	2.65	9.72	Н
	7398	-50.92	-13	-37.92	-78.02	-60.05	2.46	11.60	Н
									Н
									Н
									Н
Lowest									Н
2011001	3702	-54.28	-13	-41.28	-71.21	-60.85	1.67	8.24	V
	5550	-45.29	-13	-32.29	-67.73	-52.36	2.65	9.72	V
	7398	-51.06	-13	-38.06	-78.1	-60.19	2.46	11.60	V
									V
									V
									V
									V
	3756	-51.12	-13	-38.12	-68.15	-57.74	1.68	8.31	Н
	5634	-44.56	-13	-31.56	-67.34	-51.61	2.70	9.75	Н
	7512	-50.42	-13	-37.42	-77.74	-59.8	2.43	11.81	Н
									Н
									H
									H
Middle									H
	3756	-50.38	-13	-37.38	-67.5	-57	1.68	8.31	V
	5634	-46.60	-13	-33.60	-69.24	-53.65	2.70	9.75	V
	7512	-50.24	-13	-37.24	-77.66	-59.62	2.43	11.81	V
									V
									V
									V
	0010	10.01	40	00.04	20.47	<b>50.00</b>	4.70	0.00	V
	3816	-49.34	-13	-36.34	-66.47	-56.02	1.70	8.38	H
	5724	-43.70	-13	-30.70	-66.63	-50.74	2.75	9.79	H
	7626	-50.34	-13	-37.34	-77.73	-59.83	2.39	11.88	H
									H
									Н
									Н
Highest	2016	52 11	12	40.14	70.46	50.92	1.70	0 20	H V
	3816	-53.14	-13	-40.14	-70.46	-59.82	1.70	8.38	V
	5724 7626	-44.75 40.72	-13 -13	-31.75	-67.55	-51.79 50.21	2.75	9.79	V
	7626	-49.72	-13	-36.72	-77.2	-59.21	2.39	11.88	V
									V
									V
									V

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978

				LTE Band 2	/ 5MHz / QPS	SK			
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)
	3702	-52.32	-13	-39.32	-69.17	-58.89	1.67	8.24	Н
	5550	-44.68	-13	-31.68	-67.32	-51.75	2.65	9.72	Н
	7398	-50.90	-13	-37.90	-77.94	-60.03	2.46	11.60	Н
									Н
									Н
									Н
Lowest									Н
	3702	-54.01	-13	-41.01	-71.09	-60.58	1.67	8.24	V
	5550	-43.96	-13	-30.96	-66.45	-51.03	2.65	9.72	V
	7398	-51.01	-13	-38.01	-78.04	-60.14	2.46	11.60	V
									V
									V
									V
							1		V
	3756	-51.07	-13	-38.07	-68.06	-57.69	1.68	8.31	H
	5634	-44.60	-13	-31.60	-67.61	-51.65	2.70	9.75	H
	7512	-49.62	-13	-36.62	-76.86	-59	2.43	11.81	H
									H
									H
									H
Middle	2756	F2 20	12	40.20	70.27	E0 92	1.68	8.31	H V
	3756 5634	-53.20 -45.30	-13 -13	-40.20 -32.30	-70.27 -67.88	-59.82 -52.35	2.70	9.75	V
	7512	-50.00	-13	-32.30	-77.45	-52.35	2.43	11.81	V
	7312	-30.00	-13	-37.00	-11.40	-09.00	2.43	11.01	V
									V
									V
									V
	3810	-50.95	-13	-37.95	-68.13	-57.62	1.70	8.37	Н
	5718	-43.42	-13	-30.42	-66.3	-50.46	2.75	9.79	H
	7620	-49.96	-13	-36.96	-77.31	-59.44	2.39	11.87	Н
				00.00			2.00	11101	Н
									Н
									Н
1.00									Н
Highest	3810	-51.98	-13	-38.98	-69.21	-58.65	1.70	8.37	V
	5718	-43.95	-13	-30.95	-66.68	-50.99	2.75	9.79	V
	7620	-50.29	-13	-37.29	-77.69	-59.77	2.39	11.87	V
									V
									V
									V
									V

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978

			L	TE Band 2 /	10MHz / QP	SK			
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)
	3702	-51.92	-13	-38.92	-68.76	-58.49	1.67	8.24	Н
	5550	-47.30	-13	-34.30	-69.96	-54.37	2.65	9.72	Н
	7404	-50.74	-13	-37.74	-77.82	-59.89	2.46	11.61	Н
									Н
									Н
									Н
Lowest									H
	3702	-54.14	-13	-41.14	-71.14	-60.71	1.67	8.24	V
	5550	-48.68	-13	-35.68	-71.17	-55.75	2.65	9.72	V
	7404	-50.83	-13	-37.83	-77.96	-59.98	2.46	11.61	V
									V
									V
									V
	2750	E4 00	10	20.20	60.00	F7.0	1.60	0.20	
	3750 5628	-51.28 -46.21	-13 -13	-38.28 -33.21	-68.28 -68.98	-57.9 -53.26	1.68 2.70	8.30 9.75	H
	7500	-49.70	-13	-36.70	-76.95	-53.26	2.70	11.80	Н
	7500	-49.70	-13	-30.70	-70.95	-59.07	2.43	11.60	Н
									Н
									H
									H
Middle	3750	-52.81	-13	-39.81	-69.94	-59.43	1.68	8.30	V
	5628	-47.95	-13	-34.95	-70.57	-55	2.70	9.75	V
	7500	-49.74	-13	-36.74	-77.11	-59.11	2.43	11.80	V
									V
									V
									V
									V
	3804	-51.29	-13	-38.29	-68.44	-57.96	1.70	8.36	Н
	5700	-47.49	-13	-34.49	-69.37	-54.53	2.74	9.78	Н
	7608	-50.59	-13	-37.59	-77.96	-60.06	2.39	11.86	Н
									Н
									Н
									Н
Highest									Н
i iigiiest	3804	-53.08	-13	-40.08	-70.33	-59.75	1.70	8.36	V
	5700	-43.07	-13	-30.07	-65.81	-50.11	2.74	9.78	V
	7608	-50.43	-13	-37.43	-77.9	-59.9	2.39	11.86	V
							1		V
									V
									V
									V

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978

			L	TE Band 2 /	15MHz / QP	SK			
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)
	3702	-55.77	-13	-42.77	-72.61	-62.34	1.67	8.24	Н
	5550	-48.85	-13	-35.85	-71.51	-55.92	2.65	9.72	Н
	7404	-50.81	-13	-37.81	-77.89	-59.96	2.46	11.61	Н
									Н
									Н
									Н
Lowest									Н
	3702	-54.96	-13	-41.96	-71.96	-61.53	1.67	8.24	V
	5550	-48.24	-13	-35.24	-70.73	-55.31	2.65	9.72	V
	7404	-50.61	-13	-37.61	-77.74	-59.76	2.46	11.61	V
									V
									V
									V
									V
	3750	-52.28	-13	-39.28	-69.28	-58.9	1.68	8.30	H
	5622	-43.79	-13	-30.79	-66.56	-50.84	2.70	9.75	H
	7494	-49.87	-13	-36.87	-77.12	-59.23	2.43	11.79	H
									H
									H
									H
Middle	0750	50.07	40	40.07	70.4	00.00	4.00	0.00	H
	3750	-56.27	-13	-43.27	-73.4	-62.89	1.68	8.30	V
	5622	-50.21	-13	-37.21	-72.83	-57.26	2.70	9.75	V
	7494	-49.90	-13	-36.90	-77.27	-59.26	2.43	11.79	V
									V
									V
									V
	3792	-54.03	-13	-41.03	-71.13	-60.68	1.70	8.35	H
	5688	-34.03 -45.88	-13	-32.88	-68.76	-52.92	2.73	9.78	H
	7584	-50.23	-13	-37.23	-77.57	-52.92	2.40	11.85	H
	7364	-30.23	-13	-31.23	-11.51	-39.00	2.40	11.03	H
									H
									H
									H
Highest	3792	-56.26	-13	-43.26	-73.46	-62.91	1.70	8.35	V
	5688	-47.35	-13	-34.35	-70.09	-54.39	2.73	9.78	V
	7584	-50.26	-13	-37.26	-77.7	-59.71	2.40	11.85	V
	7.551	00.20	10	07.20		55.7 1	2.10	11.00	V
									V
									V
									V
	rki Courious			l	<u> </u>		1	1	ı

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978

			ı	TE Band 2 /	20MHz / QP	SK			
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)
	3702	-53.64	-13	-40.64	-70.52	-60.21	1.67	8.24	Н
	5550	-44.74	-13	-31.74	-67.4	-51.81	2.65	9.72	Н
	7398	-51.10	-13	-38.10	-78.06	-60.23	2.46	11.60	Н
									Н
									Н
									Н
Lowest									Н
LOWCOL	3702	-53.43	-13	-40.43	-70.39	-60	1.67	8.24	V
	5550	-48.38	-13	-35.38	-70.73	-55.45	2.65	9.72	V
	7398	-51.15	-13	-38.15	-78.13	-60.28	2.46	11.60	V
									V
									V
									V
									V
	3744	-53.64	-13	-40.64	-70.59	-60.25	1.68	8.29	Н
	5616	-45.80	-13	-32.80	-68.67	-52.85	2.69	9.75	Н
	7482	-50.55	-13	-37.55	-77.8	-59.88	2.44	11.76	Н
									Н
									Н
									Н
Middle									Н
Middle	3744	-51.94	-13	-38.94	-68.92	-58.55	1.68	8.29	V
	5616	-47.27	-13	-34.27	-69.9	-54.32	2.69	9.75	V
	7482	-50.34	-13	-37.34	-77.56	-59.67	2.44	11.76	V
									V
									V
									V
									V
	3780	-52.18	-13	-39.18	-69.27	-58.82	1.69	8.34	Н
	5676	-44.58	-13	-31.58	-67.43	-51.62	2.73	9.77	Н
	7560	-49.80	-13	-36.80	-77.08	-59.23	2.41	11.84	Н
									Н
									Н
									Н
Highest									Н
	3780	-54.35	-13	-41.35	-71.54	-60.99	1.69	8.34	V
	5676	-45.98	-13	-32.98	-68.69	-53.02	2.73	9.77	V
	7560	-49.76	-13	-36.76	-77.2	-59.19	2.41	11.84	V
									V
									V
									V
									V

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978

	LTE Band 4 / 1.4MHz / 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)			
	3420	-49.25	-13	-36.25	-65.36	-55.32	1.58	7.65	Н			
	5130	-46.65	-13	-33.65	-68.13	-53.94	2.41	9.70	Н			
	6840	-51.57	-13	-38.57	-77.27	-59.54	2.64	10.61	Н			
									Н			
									Н			
Lowest									Н			
LOWCSI	3420	-49.50	-13	-36.50	-65.73	-55.57	1.58	7.65	V			
	5130	-49.66	-13	-36.66	-71.26	-56.95	2.41	9.70	V			
	6840	-51.19	-13	-38.19	-76.66	-59.16	2.64	10.61	V			
									V			
									V			
									V			
	3462	-48.33	-13	-35.33	-64.5	-54.57	1.59	7.83	Н			
	5196	-43.40	-13	-30.40	-65.08	-50.65	2.45	9.70	Н			
	6930	-51.15	-13	-38.15	-77.13	-59.25	2.61	10.72	Н			
									Н			
									Н			
									Н			
Middle	3462	-49.90	-13	-36.90	-66.27	-56.14	1.59	7.83	V			
	5196	-48.14	-13	-35.14	-69.88	-55.39	2.45	9.70	V			
	6930	-50.60	-13	-37.60	-76.31	-58.7	2.61	10.72	V			
									V			
									V			
									V			
									V			
	3510	-46.07	-13	-33.07	-62.33	-52.47	1.61	8.01	Н			
	5262	-42.68	-13	-29.68	-64.56	-49.89	2.49	9.70	Н			
	7014	-51.04	-13	-38.04	-77.3	-59.28	2.59	10.83	Н			
									Н			
									Н			
									Н			
Highest									Н			
3	3510	-50.07	-13	-37.07	-65.57	-56.47	1.61	8.01	V			
	5262	-46.01	-13	-33.01	-67.9	-53.22	2.49	9.70	V			
	7014	-49.37	-13	-36.37	-75.34	-57.61	2.59	10.83	V			
									V			
									V			
									V			
									V			

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

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978

				LTE Band 4	/ 3MHz / QPS	SK			
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)
	3420	-49.81	-13	-36.81	-65.92	-55.88	1.58	7.65	Н
	5130	-47.09	-13	-34.09	-68.57	-54.38	2.41	9.70	Н
	6840	-51.61	-13	-38.61	-77.31	-59.58	2.64	10.61	Н
									Н
									Н
									Н
Lowest									Н
	3420	-48.62	-13	-35.62	-64.85	-54.69	1.58	7.65	V
	5130	-48.28	-13	-35.28	-69.88	-55.57	2.41	9.70	V
	6840	-50.69	-13	-37.69	-76.16	-58.66	2.64	10.61	V
									V
									V
									V
	0.400	40.70	40	05.70	04.07	5404	4.50	7.00	V
	3462	-48.70	-13	-35.70	-64.87	-54.94	1.59	7.83	H
	5196	-44.97	-13	-31.97	-66.65	-52.22	2.45	9.70	H
	6924	-51.59	-13	-38.59	-77.52	-59.68	2.62	10.71	H
									Н
									Н
									H
Middle	3462	-51.54	-13	-38.54	-67.91	-57.78	1.59	7.83	V
	5196	-45.80	-13	-32.80	-67.54	-53.05	2.45	9.70	V
	6924	-50.17	-13	-32.00	-75.85	-58.26	2.62	10.71	V
	0324	-30.17	-10	-57.17	-7 3.03	-30.20	2.02	10.71	V
									V
									V
									V
	3504	-47.11	-13	-34.11	-63.32	-53.51	1.61	8.00	Н
	5256	-42.88	-13	-29.88	-64.71	-50.1	2.48	9.70	Н
	7008	-50.40	-13	-37.40	-76.61	-58.63	2.59	10.82	Н
		001.10		01110		00.00	2.00	1010=	Н
									Н
									Н
1.00									Н
Highest	3504	-50.27	-13	-37.27	-66.73	-56.67	1.61	8.00	V
	5256	-45.58	-13	-32.58	-67.44	-52.8	2.48	9.70	V
	7008	-48.22	-13	-35.22	-74.13	-56.45	2.59	10.82	V
									V
									V
									V
									V

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978

LTE Band 4 / 5MHz / 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)		
	3420	-50.68	-13	-37.68	-66.79	-56.75	1.58	7.65	Н		
	5130	-50.30	-13	-37.30	-71.78	-57.59	2.41	9.70	Н		
	6840	-51.41	-13	-38.41	-77.11	-59.38	2.64	10.61	Н		
									Н		
									Н		
									Н		
Lowest									Н		
2011001	3420	-51.91	-13	-38.91	-68.14	-57.98	1.58	7.65	V		
	5130	-50.80	-13	-37.80	-72.4	-58.09	2.41	9.70	V		
	6840	-50.61	-13	-37.61	-76.08	-58.58	2.64	10.61	V		
									V		
									V		
									V		
									V		
	3462	-47.54	-13	-34.54	-63.71	-53.78	1.59	7.83	Н		
	5190	-52.19	-13	-39.19	-73.82	-59.44	2.45	9.70	Н		
	6924	-51.67	-13	-38.67	-77.61	-59.76	2.62	10.71	Н		
									Н		
									Н		
									Н		
Middle									Н		
Middle	3462	-49.97	-13	-36.97	-66.34	-56.21	1.59	7.83	V		
	5190	-53.73	-13	-40.73	-75.44	-60.98	2.45	9.70	V		
	6924	-51.78	-13	-38.78	-77.45	-59.87	2.62	10.71	V		
									V		
									V		
									V		
					<u> </u>		<u> </u>		V		
	3504	-46.49	-13	-33.49	-62.7	-52.89	1.61	8.00	Н		
	5250	-47.90	-13	-34.90	-69.73	-55.12	2.48	9.70	Н		
	7002	-50.70	-13	-37.70	-76.92	-58.91	2.59	10.80	Н		
									Н		
									Н		
									Н		
Highest									Н		
9.1000	3504	-50.44	-13	-37.44	-66.9	-56.84	1.61	8.00	V		
	5250	-45.16	-13	-32.16	-67.02	-52.38	2.48	9.70	V		
	7002	-49.81	-13	-36.81	-75.73	-58.02	2.59	10.80	V		
									V		
									V		
									V		
									V		

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978

			L	TE Band 4 /	10MHz / QP	SK			
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)
	3420	-50.85	-13	-37.85	-66.96	-56.92	1.58	7.65	Н
	5130	-50.34	-13	-37.34	-71.82	-57.63	2.41	9.70	Н
	6840	-51.76	-13	-38.76	-77.46	-59.73	2.64	10.61	Н
									Н
									Н
									Н
Lowest									Н
LOWEST	3420	-51.30	-13	-38.30	-67.53	-57.37	1.58	7.65	V
	5130	-45.66	-13	-32.66	-67.26	-52.95	2.41	9.70	V
	6840	-50.97	-13	-37.97	-76.44	-58.94	2.64	10.61	V
									V
									V
									V
									V
	3456	-47.72	-13	-34.72	-63.87	-53.94	1.59	7.81	Н
	5184	-49.14	-13	-36.14	-70.77	-56.4	2.44	9.70	Н
	6912	-51.57	-13	-38.57	-77.5	-59.65	2.62	10.69	Н
									Н
									Н
									Н
Middle									Н
Middle	3456	-51.43	-13	-38.43	-67.75	-57.65	1.59	7.81	V
	5184	-52.96	-13	-39.96	-74.67	-60.22	2.44	9.70	V
	6912	-49.73	-13	-36.73	-75.4	-57.81	2.62	10.69	V
									V
									V
									V
									V
	3492	-46.46	-13	-33.46	-62.67	-52.82	1.60	7.96	Н
	5238	-41.99	-13	-28.99	-63.77	-49.22	2.47	9.70	Н
	6984	-50.33	-13	-37.33	-76.48	-58.52	2.60	10.78	Н
									Н
									Н
									Н
113									Н
Highest	3492	-50.85	-13	-37.85	-67.31	-57.21	1.60	7.96	V
	5238	-46.96	-13	-33.96	-68.78	-54.19	2.47	9.70	V
	6984	-50.47	-13	-37.47	-76.33	-58.66	2.60	10.78	V
									V
									V
									V
									V

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978

LTE Band 4 / 15MHz / QPSK Over SPA S.G. **TX Cable TX Antenna** Frequency **EIRP** Limit **Polarization** Channel Limit Reading **Power** loss Gain (MHz) (dBm) (dBm) (H/V) (dB) (dBm) (dBm) (dB) (dBi) 3420 -50.61 -13 -37.61 -66.72 -56.68 1.58 7.65 Н 5130 -53.51 -13 -40.51 -74.99 -60.8 2.41 9.70 Н -13 -77.65 Н 6840 -51.95 -38.95 -59.92 2.64 10.61 Н Н Н Н Lowest ٧ 3420 -51.40 -13 -38.40 -67.63 -57.47 1.58 7.65 ٧ 5130 -54.04 -13 -41.04 -75.64 -61.33 2.41 9.70 ٧ 6840 -51.84 -13 -38.84 -77.31 -59.81 2.64 10.61 ٧ ٧ ٧ ٧ -49.23 3450 Н -13 -36.23 -65.38 -55.42 1.59 7.78 -45.74 -13 -32.74 -67.37 2.44 9.70 Н 5178 -53 -13 Н 6900 -51.71 -38.71 -77.58 -59.77 2.62 10.68 Н Н Н Н Middle 3450 -51.85 -13 -38.85 -67.17 -58.04 1.59 7.78 ٧ 5178 -13 -74.39 -59.91 2.44 9.70 ٧ -52.65 -39.65 6900 -52.24 -13 -39.24 -77.86 -60.3 2.62 10.68 ٧ ٧ ٧ ٧ ٧ 3480 -46.90 -13 -33.90 -63.08 -53.21 1.60 7.91 Н 5220 -47.06 -13 -34.06 -68.8 -54.3 2.46 9.70 Н 6960 -50.98 -13 -37.98 -77.08 -59.13 2.60 10.75 Н Н Н Н Н Highest 3480 -51.25 -13 -38.25 -67.66 -57.56 1.60 7.91 ٧ -13 ٧ 5220 -49.86 -36.86 -71.64 -57.1 2.46 9.70 ٧ -13 6960 -51.51 -38.51 -77.33 -59.66 2.60 10.75 ٧ ٧ ٧

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

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 ٧

LTE Band 4 / 20MHz / QPSK Over SPA S.G. **TX Cable TX Antenna** Frequency **EIRP** Limit **Polarization** Channel Limit Reading **Power** loss Gain (MHz) (dBm) (dBm) (H/V) (dB) (dBm) (dBm) (dB) (dBi) 3420 -49.43 -13 -36.43 -65.54 -55.5 1.58 7.65 Н -13 5136 -48.74 -35.74 -70.22 -56.02 2.42 9.70 Н -13 -77.63 Н 6840 -51.93 -38.93 -59.9 2.64 10.61 Н Н Н Н Lowest ٧ 3420 -47.99 -13 -34.99 -64.22 -54.06 1.58 7.65 ٧ 5136 -50.14 -13 -37.14 -71.74 -57.42 2.42 9.70 ٧ 6840 -52.09 -13 -39.09 -77.56 -60.06 2.64 10.61 ٧ ٧ ٧ ٧ 3450 -49.00 Н -13 -36.00 -65.15 -55.19 1.59 7.78 -46.25 -13 -33.25 -67.83 2.44 9.70 Н 5172 -53.51 -13 Н 6900 -51.79 -38.79 -77.66 -59.85 2.62 10.68 Н Н Н Н Middle 3450 -50.24 -13 -37.24 -66.56 -56.43 1.59 7.78 ٧ 5172 -49.59 -13 -71.26 2.44 9.70 ٧ -36.59 -56.85 6900 -52.21 -13 -39.21 -77.83 -60.27 2.62 10.68 ٧ ٧ ٧ ٧ ٧ 3474 -48.47 -13 -35.47 -64.65 -54.76 1.60 7.89 Н 5208 -42.56 -13 -29.56 -64.29 -49.8 2.46 9.70 Н 6942 -51.47 -13 -38.47 -77.52 -59.59 2.61 10.73 Н Н Н Н Н Highest 3474 -51.59 -13 -38.59 -68 -57.88 1.60 7.89 ٧ -45.76 -13 -67.54 ٧ 5208 -32.76 -53 2.46 9.70 ٧ -13 10.73 6942 -50.61 -37.61 -76.38 -58.73 2.61 ٧ ٧ ٧ ٧

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

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978

Report No. : FG672014-10B

	LTE Band 5 / 1.4MHz / 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)			
	1648	-49.61	-13	-36.61	-59.38	-51.37	0.98	4.89	Н			
	2472	-53.62	-13	-40.62	-67.32	-55.5	1.28	5.32	Н			
	3296	-54.16	-13	-41.16	-70.12	-57.57	1.54	7.10	Н			
									Н			
									Н			
Lowest									Н			
Lowest	1648	-49.30	-13	-36.30	-59.01	-51.06	0.98	4.89	V			
	2472	-55.90	-13	-42.90	-69.64	-57.78	1.28	5.32	V			
	3296	-53.76	-13	-40.76	-69.66	-57.17	1.54	7.10	V			
									V			
									V			
									V			
	1672	-56.20	-13	-43.20	-66.1	-57.88	0.99	4.82	Н			
	2512	-49.84	-13	-36.84	-63.69	-51.81	1.29	5.41	Н			
	3352	-54.17	-13	-41.17	-70.2	-57.81	1.56	7.35	Н			
									Н			
									Н			
NAC LUL									Н			
Middle	1672	-56.74	-13	-43.74	-66.58	-58.42	0.99	4.82	V			
	2512	-55.17	-13	-42.17	-69.04	-57.14	1.29	5.41	V			
	3352	-53.98	-13	-40.98	-70.02	-57.62	1.56	7.35	V			
									V			
									V			
									V			
	1696	-55.06	-13	-42.06	-65.05	-56.66	1.00	4.75	Н			
	2544	-52.28	-13	-39.28	-66.25	-54.26	1.30	5.44	Н			
	3392	-53.70	-13	-40.70	-69.78	-57.5	1.57	7.52	Н			
									Н			
									Н			
									Н			
112.1									Н			
Highest	1696	-54.95	-13	-41.95	-64.88	-56.55	1.00	4.75	V			
	2544	-50.70	-13	-37.70	-64.66	-52.68	1.30	5.44	V			
	3392	-54.28	-13	-41.28	-70.46	-58.08	1.57	7.52	V			
									V			
									V			
									V			
									V			

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

SPORTON INTERNATIONAL INC. Page Number : B2-13 of 24

TEL: 886-3-327-3456 FAX: 886-3-328-4978

				LTE Band 5	/ 3MHz / QPS	SK			
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)
	1648	-50.11	-13	-37.11	-59.88	-51.87	0.98	4.89	Н
	2472	-53.81	-13	-40.81	-67.51	-55.69	1.28	5.32	Н
	3296	-54.15	-13	-41.15	-70.11	-57.56	1.54	7.10	Н
									Н
									Н
									Н
Lowest									Н
LOWEST	1648	-45.92	-13	-32.92	-55.63	-47.68	0.98	4.89	V
	2472	-54.54	-13	-41.54	-68.28	-56.42	1.28	5.32	V
	3296	-54.39	-13	-41.39	-70.29	-57.8	1.54	7.10	V
									V
									V
									V
									V
	1672	-53.20	-13	-40.20	-63.1	-54.88	0.99	4.82	Н
	2504	-53.66	-13	-40.66	-67.45	-55.62	1.29	5.40	Н
	3344	-53.73	-13	-40.73	-69.76	-57.34	1.56	7.31	Н
									Н
									Н
									Н
Middle									Н
ivildale	1672	-51.92	-13	-38.92	-61.76	-53.6	0.99	4.82	V
	2504	-51.38	-13	-38.38	-65.21	-53.34	1.29	5.40	V
	3344	-54.14	-13	-41.14	-70.18	-57.75	1.56	7.31	V
									V
									V
									V
									V
	1696	-52.27	-13	-39.27	-62.26	-53.87	1.00	4.75	Н
	2536	-52.04	-13	-39.04	-65.95	-54.02	1.30	5.43	Н
	3392	-53.78	-13	-40.78	-69.86	-57.58	1.57	7.52	Н
									Н
									Н
									Н
I Palacat									Н
Highest	1696	-53.19	-13	-40.19	-63.12	-54.79	1.00	4.75	V
	2536	-52.36	-13	-39.36	-66.28	-54.34	1.30	5.43	V
	3392	-54.26	-13	-41.26	-70.44	-58.06	1.57	7.52	V
									V
									V
									V
									V

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978

				LTE Band 5	/ 5MHz / QPS	SK			
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)
	1648	-50.58	-13	-37.58	-60.35	-52.34	0.98	4.89	Н
	2472	-54.47	-13	-41.47	-68.17	-56.35	1.28	5.32	Н
	3296	-54.58	-13	-41.58	-70.54	-57.99	1.54	7.10	Н
									Н
									Н
									Н
Lowest									Н
Lowest	1648	-50.45	-13	-37.45	-60.18	-52.21	0.98	4.89	V
	2472	-55.47	-13	-42.47	-69.21	-57.35	1.28	5.32	V
	3296	-53.10	-13	-40.10	-69	-56.51	1.54	7.10	V
									V
									V
									V
									V
	1672	-52.36	-13	-39.36	-62.26	-54.04	0.99	4.82	Н
	2504	-52.75	-13	-39.75	-66.54	-54.71	1.29	5.40	Н
	3344	-53.96	-13	-40.96	-70	-57.57	1.56	7.31	Н
									Н
									Н
									Н
B 41 1 11									Н
Middle	1672	-52.66	-13	-39.66	-62.5	-54.34	0.99	4.82	V
	2504	-51.67	-13	-38.67	-65.5	-53.63	1.29	5.40	V
	3344	-54.16	-13	-41.16	-70.2	-57.77	1.56	7.31	V
									V
									V
									V
									V
	1688	-53.28	-13	-40.28	-63.2	-54.91	1.00	4.77	Н
	2536	-48.10	-13	-35.10	-62.01	-50.08	1.30	5.43	Н
	3376	-54.12	-13	-41.12	-70.19	-57.86	1.57	7.45	Н
									Н
									Н
									Н
									Н
Highest	1688	-51.92	-13	-38.92	-61.8	-53.55	1.00	4.77	V
	2536	-47.03	-13	-34.03	-60.95	-49.01	1.30	5.43	V
	3376	-54.35	-13	-41.35	-70.49	-58.09	1.57	7.45	V
			-						V
									V
									V
									V
	rk: Spurious							1	<u> </u>

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978

			L	TE Band 5 /	10MHz / QP	SK			
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)
	1648	-50.29	-13	-37.29	-60.06	-52.05	0.98	4.89	Н
	2472	-48.13	-13	-35.13	-61.83	-50.01	1.28	5.32	Н
	3296	-53.35	-13	-40.35	-69.31	-56.76	1.54	7.10	Н
									Н
									Н
									Н
Lowest									Н
	1648	-47.49	-13	-34.49	-57.2	-49.25	0.98	4.89	V
	2472	-49.30	-13	-36.30	-63.04	-51.18	1.28	5.32	V
	3296	-53.42	-13	-40.42	-69.32	-56.83	1.54	7.10	V
									V
									V
									V
	1664	E0 00	10	27.00	F0.04	E4 0	0.00	4.94	
	1664 2496	-50.09 -45.95	-13 -13	-37.09 -32.95	-59.94 -59.74	-51.8 -47.9	0.98 1.29	4.84 5.39	H
	3328	- <del>4</del> 5.95 -54.21	-13	-32.95 -41.21	-70.21	-47.9 -57.75	1.55	7.24	Н
	3320	-34.21	-13	-41.21	-70.21	-57.75	1.55	7.24	Н
									H
									H
									H
Middle	1664	-51.35	-13	-38.35	-61.14	-53.06	0.98	4.84	V
	2496	-46.15	-13	-33.15	-59.98	-48.1	1.29	5.39	V
	3328	-54.49	-13	-41.49	-70.48	-58.03	1.55	7.24	V
									V
									V
									V
									V
	1680	-51.96	-13	-38.96	-61.9	-53.61	0.99	4.80	Н
	2520	-50.24	-13	-37.24	-64.1	-52.21	1.30	5.42	Н
	3360	-53.34	-13	-40.34	-69.39	-57.01	1.56	7.38	Н
									Н
									Н
									Н
Highest									Н
riigiiest	1680	-53.94	-13	-40.94	-63.82	-55.59	0.99	4.80	V
	2520	-54.04	-13	-41.04	-67.92	-56.01	1.30	5.42	V
	3360	-53.64	-13	-40.64	-69.74	-57.31	1.56	7.38	V
									V
									V
									V
									V

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978

			Ľ	ΓE Band 12	/ 1.4MHz / QF	PSK			
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)
	1400	-45.92	-13	-32.92	-54.15	-47.58	0.87	4.68	Н
	2104	-56.69	-13	-43.69	-68.50	-57.59	1.17	4.21	Н
	2800	-51.31	-13	-38.31	-66.16	-53.42	1.38	5.64	Н
									Н
									Н
Lowest									Н
Lowest	1400	-49.72	-13	-36.72	-57.86	-51.38	0.87	4.68	V
	2104	-56.78	-13	-43.78	-68.58	-57.68	1.17	4.21	V
	2800	-52.78	-13	-39.78	-67.47	-54.89	1.38	5.64	V
									V
									V
									V
	1416	-41.99	-13	-28.99	-50.09	-43.74	0.87	4.78	Н
	2120	-56.69	-13	-43.69	-68.53	-57.63	1.17	4.26	Н
	2832	-50.17	-13	-37.17	-65.08	-52.29	1.39	5.67	Н
									Н
									Н
									Н
M: al all a									Н
Middle	1416	-44.51	-13	-31.51	-52.70	-46.26	0.87	4.78	V
	2120	-56.21	-13	-43.21	-68.04	-57.15	1.17	4.26	V
	2832	-51.50	-13	-38.50	-66.11	-53.62	1.39	5.67	V
									V
									V
									V
									V
	1432	-37.69	-13	-24.69	-46.04	-39.54	0.88	4.88	Н
	2144	-52.40	-13	-39.40	-64.39	-53.40	1.18	4.33	Н
	2856	-43.50	-13	-30.50	-58.45	-45.63	1.40	5.68	Н
									Н
									Н
									Н
ا المال									Н
Highest	1432	-38.30	-13	-25.30	-46.61	-40.15	0.88	4.88	V
	2144	-55.06	-13	-42.06	-67.04	-56.06	1.18	4.33	V
	2856	-44.87	-13	-31.87	-59.59	-47.00	1.40	5.68	V
									V
									V
									V
									V

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

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 Page Number : B2-17 of 24

			L	TE Band 12	/ 3MHz / QP	SK			
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)
	1400	-45.68	-13	-32.68	-53.84	-47.34	0.87	4.68	Н
	2104	-57.44	-13	-44.44	-69.25	-58.34	1.17	4.21	Н
	2800	-49.58	-13	-36.58	-64.35	-51.69	1.38	5.64	Н
									Н
									Н
									Н
Lowest									Н
	1400	-49.22	-13	-36.22	-57.35	-50.88	0.87	4.68	V
	2104	-57.62	-13	-44.62	-69.42	-58.52	1.17	4.21	V
	2800	-51.94	-13	-38.94	-66.53	-54.05	1.38	5.64	V
									V
									V
									V
							1		V
	1416	-40.70	-13	-27.70	-48.84	-42.45	0.87	4.78	Н
	2120	-56.80	-13	-43.80	-68.62	-57.74	1.17	4.26	H
	2824	-50.66	-13	-37.66	-65.53	-52.78	1.39	5.66	H
									H
									H
									H
Middle	1416	44.20	10	24.20	F0 F7	46.42	0.07	4.70	H V
	1416 2120	-44.38	-13	-31.38	-52.57	-46.13	0.87	4.78	V
	2824	-55.58 -51.79	-13 -13	-42.58 -38.79	-67.46 -66.56	-56.52 -53.91	1.17	4.26 5.66	V
	2024	-31.79	-13	-30.79	-00.50	-00.91	1.38	3.00	V
									V
									V
									V
	1424	-39.66	-13	-26.66	-48.07	-41.46	0.88	4.83	Н
	2136	-56.03	-13	-43.03	-68.02	-57.01	1.18	4.31	Н
	2856	-45.64	-13	-32.64	-60.61	-47.77	1.40	5.68	Н
	2000	10.01	10	02.01	00.01		11.10	0.00	Н
									Н
									Н
									Н
Highest	1424	-43.09	-13	-30.09	-51.36	-44.89	0.88	4.83	V
	2136	-54.83	-13	-41.83	-66.79	-55.81	1.18	4.31	V
	2856	-48.31	-13	-35.31	-62.96	-50.44	1.40	5.68	V
									V
									V
									V
									V

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978

			L	TE Band 12	/ 5MHz / QP	SK			
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)
	1400	-46.49	-13	-33.49	-54.64	-48.15	0.87	4.68	Н
	2104	-55.68	-13	-42.68	-67.43	-56.58	1.17	4.21	Н
	2800	-50.15	-13	-37.15	-65.00	-52.26	1.38	5.64	Н
									Н
									Н
									Н
Lowest									Н
LOWESI	1400	-48.89	-13	-35.89	-56.98	-50.55	0.87	4.68	V
	2104	-58.36	-13	-45.36	-69.15	-59.26	1.17	4.21	V
	2800	-51.36	-13	-38.36	-65.91	-53.47	1.38	5.64	V
									V
									V
									V
									V
	1408	-42.18	-13	-29.18	-50.35	-43.89	0.87	4.73	Н
	2112	-57.25	-13	-44.25	-68.99	-58.17	1.17	4.24	Н
	2824	-47.29	-13	-34.29	-62.15	-49.41	1.39	5.66	Н
									Н
									Н
									Н
M: dalla									Н
Middle	1408	-43.75	-13	-30.75	-51.87	-45.46	0.87	4.73	V
	2112	-57.67	-13	-44.67	-69.40	-58.59	1.17	4.24	V
	2824	-51.10	-13	-38.10	-65.67	-53.22	1.39	5.66	V
									V
									V
									V
									V
	1424	-40.96	-13	-27.96	-49.33	-42.76	0.88	4.83	Н
	2136	-56.98	-13	-43.98	-68.95	-57.96	1.18	4.31	Н
	2848	-49.51	-13	-36.51	-64.60	-51.64	1.40	5.68	Н
									Н
									Н
									Н
1.12.1									Н
Highest	1424	-42.46	-13	-29.46	-50.80	-44.26	0.88	4.83	V
	2136	-56.76	-13	-43.76	-68.72	-57.74	1.18	4.31	V
	2848	-49.54	-13	-36.54	-64.24	-51.67	1.40	5.68	V
									V
									V
									V
									V

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978

			L	TE Band 12	/ 10MHz / QF	PSK			
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)
	1400	-45.38	-13	-32.38	-53.57	-47.04	0.87	4.68	Н
	2104	-57.21	-13	-44.21	-69.02	-58.11	1.17	4.21	Н
	2800	-49.32	-13	-36.32	-64.16	-51.43	1.38	5.64	Н
									Н
									Н
									Н
Lowest									Н
Lowest	1400	-50.97	-13	-37.97	-59.05	-52.63	0.87	4.68	V
	2104	-56.88	-13	-43.88	-68.61	-57.78	1.17	4.21	V
	2800	-51.71	-13	-38.71	-66.32	-53.82	1.38	5.64	V
									V
									V
									V
									V
	1408	-44.32	-13	-31.32	-52.52	-46.03	0.87	4.73	Н
	2112	-51.89	-13	-38.89	-63.63	-52.81	1.17	4.24	Н
	2816	-49.76	-13	-36.76	-64.81	-51.87	1.39	5.65	H
									H
									H
									H
Middle	4.400	45.00	40	00.00	50.00	47.54	0.07	4.70	H
	1408	-45.83	-13	-32.83	-53.93	-47.54	0.87	4.73	V
	2112	-52.18	-13	-39.18	-63.99	-53.10	1.17	4.24	V
	2816	-48.92	-13	-35.92	-63.56	-51.03	1.39	5.65	V
									V
									V
									V
	1/16	-//1 10	-12	-28 10	-40.24	-42.85	0.87	4.78	
	1416 2120	-41.10 -55.34	-13 -13	-28.10 -42.34	-49.24 -67.18	-42.85 -56.28	0.87 1.17	4.76	H H
	2824	-50.52	-13	-42.54	-65.52	-52.64	1.39	5.66	H
	2024	-00.02	-10	-01.02	-00.0∠	-∪∠.U <del>1</del>	1.08	5.00	H
									H
Highest									H
, ngi ioot									H
	1416	-43.83	-13	-30.83	-51.94	-45.58	0.87	4.78	V
	2120	-56.54	-13	-43.54	-68.37	-57.48	1.17	4.26	V
	2824	-50.29	-13	-37.29	-64.76	-52.41	1.39	5.66	V
		33.20		5.120	1 0	<u> </u>	1.00	3.00	V

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978

			L	TE Band 13	/ 5MHz / QP	SK			
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)
	1556	-53.19	-13	-40.19	-62.61	-55.25	0.94	5.14	Н
	2336	-55.92	-13	-42.92	-68.93	-57.44	1.24	4.91	Н
	3112	-53.67	-13	-40.67	-69.42	-56.33	1.48	6.29	Н
									Н
									Н
Lowest									Н
LOWEST	1556	-55.42	-13	-42.42	-64.77	-57.48	0.94	5.14	V
	2336	-56.28	-13	-43.28	-69.31	-57.80	1.24	4.91	V
	3112	-54.67	-13	-41.67	-70.07	-57.33	1.48	6.29	V
									V
									V
									V
	1560	-58.14	-42.15	-15.99	-67.56	-60.18	0.94	5.13	Н
	2344	-55.62	-13	-42.62	-68.64	-57.16	1.24	4.93	Н
	3120	-54.41	-13	-41.41	-70.17	-57.10	1.49	6.33	Н
									Н
									Н
									Н
Middle									Н
	1560	-58.21	-42.15	-16.06	-67.55	-60.25	0.94	5.13	V
	2344	-55.91	-13	-42.91	-68.95	-57.45	1.24	4.93	V
	3120	-55.18	-13	-42.18	-70.62	-57.87	1.49	6.33	V
									V
									V
									V
	4500	=====	40.45	40.47	0.4.77		0.04		
	1568	-55.32	-42.15	-13.17	-64.75	-57.34	0.94	5.11	H
	2352	-55.49	-13	-42.49	-68.58	-57.05	1.24	4.96	H
	3136	-54.21	-13	-41.21	-69.99	-56.97	1.49	6.40	H
									Н
									Н
									H
Highest	1568	-55.81	-42.15	-13.66	-65.15	-57.83	0.94	5.11	V
	2352	-49.97	-42.15	-36.97	-63.09	-57.63	1.24	4.96	V
	3136	-49.97 -54.94	-13	-30.9 <i>1</i> -41.94	-70.42	-57.70	1.49	6.40	V
	0100	U-1.UT	10	71.07	70.72	57.70	1.70	0.70	V
									V
									V
									V

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

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978

			Ľ	TE Band 13	/ 10MHz / QF	PSK			
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)
	1560	-57.42	-42.15	-15.27	-66.84	-59.46	0.94	5.13	Н
	2344	-54.99	-13	-41.99	-68.05	-56.53	1.24	4.93	Н
	3120	-52.17	-13	-39.17	-67.93	-54.86	1.49	6.33	Н
									Н
									Н
									Н
Middle									Н
Middle	1560	-56.95	-42.15	-14.80	-66.29	-58.99	0.94	5.13	V
	2344	-55.57	-13	-42.57	-68.61	-57.11	1.24	4.93	V
	3120	-54.76	-13	-41.76	-70.2	-57.45	1.49	6.33	V
									V
									V
									V
									V

Report No. : FG672014-10B

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

SPORTON INTERNATIONAL INC. Page Number : B2-22 of 24

TEL: 886-3-327-3456 FAX: 886-3-328-4978

			ı	TE Band 17	/ 5MHz / QP	SK			
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)
	1408	-45.58	-13	-32.58	-53.72	-47.29	0.87	4.73	Н
	2112	-40.96	-13	-27.96	-52.70	-41.88	1.17	4.24	Н
	2816	-48.25	-13	-35.25	-63.15	-50.36	1.39	5.65	Н
									Н
									Н
Lowest									Н
Lowest	1408	-45.87	-13	-32.87	-54.03	-47.58	0.87	4.73	V
	2112	-40.72	-13	-27.72	-52.45	-41.64	1.17	4.24	V
	2816	-46.32	-13	-33.32	-60.99	-48.43	1.39	5.65	V
									V
									V
									V
	1416	-44.14	-13	-31.14	-52.37	-45.89	0.87	4.78	Н
	2120	-40.27	-13	-27.27	-52.10	-41.21	1.17	4.26	Н
	2832	-51.14	-13	-38.14	-66.16	-53.26	1.39	5.67	Н
									Н
									Н
									Н
Middle									Н
Middle	1416	-44.45	-13	-31.45	-52.58	-46.20	0.87	4.78	V
	2120	-37.65	-13	-24.65	-49.48	-38.59	1.17	4.26	V
	2832	-51.02	-13	-38.02	-65.60	-53.14	1.39	5.67	V
									V
									V
									V
									V
	1424	-46.89	-13	-33.89	-55.30	-48.69	0.88	4.83	Н
	2136	-42.03	-13	-29.03	-54.00	-43.01	1.18	4.31	Н
	2848	-48.49	-13	-35.49	-63.36	-50.62	1.40	5.68	Н
									Н
									Н
									Н
Llighaat									Н
Highest	1424	-45.50	-13	-32.50	-53.84	-47.30	0.88	4.83	V
	2136	-41.03	-13	-28.03	-53.01	-42.01	1.18	4.31	V
	2848	-50.15	-13	-37.15	-64.91	-52.28	1.40	5.68	V
									V
									V
									V
									V

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

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978

			Ľ	TE Band 17	/ 10MHz / QF	PSK			
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)
	1408	-44.07	-13	-31.07	-52.27	-45.78	0.87	4.73	Н
	2112	-39.64	-13	-26.64	-51.38	-40.56	1.17	4.24	Н
	2816	-49.91	-13	-36.91	-64.78	-52.02	1.39	5.65	Н
									Н
									Н
									Н
Lowest									Н
2011001	1408	-45.83	-13	-32.83	-53.88	-47.54	0.87	4.73	V
	2112	-40.23	-13	-27.23	-51.96	-41.15	1.17	4.24	V
	2816	-48.78	-13	-35.78	-63.27	-50.89	1.39	5.65	V
									V
									V
									V
									V
	1408	-44.85	-13	-31.85	-53.01	-46.56	0.87	4.73	Н
	2120	-38.53	-13	-25.53	-50.37	-39.47	1.17	4.26	Н
	2824	-50.76	-13	-37.76	-65.59	-52.88	1.39	5.66	Н
									Н
									Н
									Н
Middle									Н
Middle	1408	-44.16	-13	-31.16	-52.29	-45.87	0.87	4.73	V
	2120	-41.26	-13	-28.26	-53.09	-42.20	1.17	4.26	V
	2824	-48.99	-13	-35.99	-63.60	-51.11	1.39	5.66	V
									V
									V
									V
									V
	1416	-43.38	-13	-30.38	-51.57	-45.13	0.87	4.78	Н
	2120	-41.72	-13	-28.72	-53.56	-42.66	1.17	4.26	Н
	2824	-53.62	-13	-40.62	-68.51	-55.74	1.39	5.66	Н
									Н
									Н
									Н
Highest									Н
riigriest	1416	-44.84	-13	-31.84	-53.04	-46.59	0.87	4.78	V
	2120	-38.93	-13	-25.93	-50.76	-39.87	1.17	4.26	V
	2824	-50.62	-13	-37.62	-65.27	-52.74	1.39	5.66	V
									V
									V
									V
									V

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978