GSM1900 (GSM) GSM1900 (EDGE class 8) **Lowest Channel Lowest Channel** Ref Level 24.50 dBm Offset 14.50 dB Ref Level 24.50 dBm SGL Count 10/10 1 Max Offset 14.50 dB it check Start 30.0 MHz Spurious Emissio Range Low 30.000 MHz Start 30.0 MHz Stop 19.1 GHz Stop 19.1 GHz Date: 29.JAN.2019 15:30:09 Date: 29.JAN.2019 16:39:21 **Middle Channel Middle Channel** 50 dBm--60 dBm-Start 30.0 MH Stop 19.1 GHz Start 30.0 MHz Date: 29.JAN.2019 15:31:54 Date: 29.JAN.2019 16:40:51 **Highest Channel Highest Channel** SGL Count 10/10 nit dheck IRIOUS LINE ABS dBm-LINE_ABS

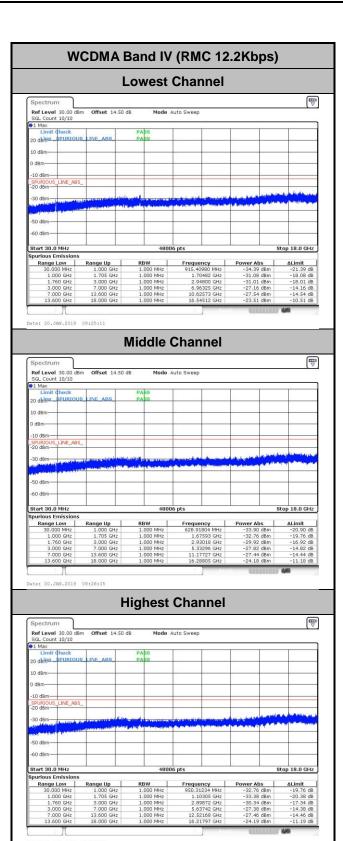
TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: YHLBLUG9 Page Number : A25 of A30
Report Issued Date : Mar. 01, 2019
Report Version : Rev. 01

Report No.: FG911616A

WCDMA Band V (RMC 12.2Kbps) WCDMA Band II (RMC 12.2Kbps) **Lowest Channel Lowest Channel** Ref Level 24.50 dBm Offset 14.50 dB SGL Count 10/10 Ref Level 24.00 dBm Offset 14.00 dB it check Start 30.0 MHz Spurious Emissio Range Low 30.000 MHz 48006 pts Stop 19.1 GHz Start 30.0 MHz Spurious Emissions Range Low 30,000 MHz Date: 30.JAN.2019 10:27:13 Date: 30.JAN.2019 09:48:10 **Middle Channel Middle Channel** LINE_ABS 50 dBm--60 dBm-Start 30.0 MHz Date: 30.JAN.2019 09:49:59 **Highest Channel Highest Channel** SGL Count 10/10 it dheck OUS_LINE_ABS dBm-LINE_ABS Start 30.0 MH Stop 9.0 GHz

TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: YHLBLUG9 Page Number : A26 of A30
Report Issued Date : Mar. 01, 2019
Report Version : Rev. 01

Report No.: FG911616A



Sporton International (Shenzhen) Inc.

TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: YHLBLUG9 Page Number : A27 of A30
Report Issued Date : Mar. 01, 2019
Report Version : Rev. 01

Report No.: FG911616A

Frequency Stability

Test Conditions	Middle Channel	GSM850 (GSM)	GSM850 (EDGE class 8)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviatio	n (ppm)	Result
50	Normal Voltage	0.0013	0.0033	
40	Normal Voltage	0.0004	0.0008	
30	Normal Voltage	0.0006	0.0036	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0010	0.0039	
0	Normal Voltage	0.0030	0.0029	
-10	Normal Voltage	0.0007	0.0044	PASS
-20	Normal Voltage	0.0024	0.0031	
-30	Normal Voltage	0.0005	0.0006	
20	Maximum Voltage	0.0017	0.0031	
20	Normal Voltage	0.0000	0.0000	
20	Battery End Point	0.0016	0.0020	

Note: Normal Voltage = 3.85V. ; Battery End Point (BEP) = 3.5 V.; Maximum Voltage =4.4 V

Test Conditions	Middle Channel	GSM1900 (GSM)	GSM1900 (EDGE class 8)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviatio	n (ppm)	Result
50	Normal Voltage	0.0012	0.0014	
40	Normal Voltage	0.0029	0.0004	
30	Normal Voltage	0.0004	0.0019	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0003	0.0005	
0	Normal Voltage	0.0010	0.0015	
-10	Normal Voltage	0.0001	0.0013	PASS
-20	Normal Voltage	0.0004	0.0032	
-30	Normal Voltage	0.0002	0.0026	
20	Maximum Voltage	0.0006	0.0009	
20	Normal Voltage	0.0000	0.0000	
20	Battery End Point	0.0007	0.0004	

Note:

- 1. Normal Voltage = 3.85V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.4 V
- 2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Sporton International (Shenzhen) Inc.

TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: YHLBLUG9 Page Number : A28 of A30
Report Issued Date : Mar. 01, 2019
Report Version : Rev. 01

Report No.: FG911616A

Test Conditions	Middle Channel	WCDMA Band V (RMC 12.2KbpsRMC 12.2Kbps)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0014	
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0013	PASS
-20	Normal Voltage	0.0031	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0022	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0038	

Note: Normal Voltage = 3.85V. ; Battery End Point (BEP) = 3.5 V.; Maximum Voltage =4.4 V

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0004	
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0023	
-10	Normal Voltage	0.0004	PASS
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

Note:

- 1. Normal Voltage = 3.85V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.4 V
- **2.** The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Sporton International (Shenzhen) Inc.

TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: YHLBLUG9 Page Number : A29 of A30
Report Issued Date : Mar. 01, 2019
Report Version : Rev. 01

Report No.: FG911616A

Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0014	
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0001	PASS
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

- 1. Normal Voltage = 3.85V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.4 V
- **2.** The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Sporton International (Shenzhen) Inc.

TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: YHLBLUG9 Page Number : A30 of A30
Report Issued Date : Mar. 01, 2019
Report Version : Rev. 01

Report No.: FG911616A

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

	GSM850 (GSM)												
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)				
	1672.8	-71.42	-13	-58.42	-73.13	-75.79	2.88	9.40	Н				
	2509.2	-61.60	-13	-48.60	-67.66	-66.55	3.50	10.60	Н				
Middle	3345.6	-67.69	-13	-54.69	-75.69	-73.51	4.63	12.60	Н				
Middle	1672.8	-71.36	-13	-58.36	-73.20	-75.73	2.88	9.40	V				
	2509.2	-58.82	-13	-45.82	-64.77	-63.77	3.50	10.60	V				
	3345.6	-67.73	-13	-54.73	-75.76	-73.55	4.63	12.60	V				

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

	GSM850 (EDGE class 8)												
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)				
	1672.8	-71.58	-13	-58.58	-73.29	-75.95	2.88	9.40	Н				
	2509.2	-68.20	-13	-55.20	-74.26	-73.15	3.50	10.60	Н				
Middle	3345.6	-67.88	-13	-54.88	-75.88	-73.70	4.63	12.60	Н				
Middle	1672.8	-71.42	-13	-58.42	-73.26	-75.79	2.88	9.40	V				
	2509.2	-66.41	-13	-53.41	-72.36	-71.36	3.50	10.60	V				
	3345.6	-67.89	-13	-54.89	-75.92	-73.71	4.63	12.60	V				

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

Sporton International (Shenzhen) Inc.

TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: YHLBLUG9 Page Number : B1 of B3
Report Issued Date : Mar. 01, 2019
Report Version : Rev. 01

Report No.: FG911616A

	GSM1900 (GSM)												
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)				
	3760.00	-60.64	-13	-47.64	-74.26	-68.24	5.00	12.60	Н				
	5640.00	-60.36	-13	-47.36	-76.96	-66.16	7.30	13.10	Н				
Middle	7520.00	-58.76	-13	-45.76	-78.74	-62.33	7.73	11.30	Н				
Middle	3760.00	-60.34	-13	-47.34	-74.67	-67.94	5.00	12.60	V				
	5640.00	-58.49	-13	-45.49	-75.02	-64.29	7.30	13.10	V				
	7520.00	-59.23	-13	-46.23	-78.87	-62.80	7.73	11.30	V				

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

	GSM1900 (EDGE class 8)												
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)				
	3760.00	-59.68	-13	-46.68	-73.30	-67.28	5.00	12.60	Н				
	5640.00	-61.95	-13	-48.95	-78.55	-67.75	7.30	13.10	Н				
Middle	7520.00	-58.97	-13	-45.97	-78.95	-62.54	7.73	11.30	Н				
Middle	3760.00	-61.82	-13	-48.82	-76.15	-69.42	5.00	12.60	V				
	5640.00	-60.49	-13	-47.49	-77.02	-66.29	7.30	13.10	V				
	7520.00	-59.41	-13	-46.41	-79.05	-62.98	7.73	11.30	V				

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

Sporton International (Shenzhen) Inc.

TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: YHLBLUG9 Page Number : B2 of B3
Report Issued Date : Mar. 01, 2019
Report Version : Rev. 01

Report No.: FG911616A

	WCDMA Band V(RMC 12.2Kbps)												
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)				
	1672.8	-71.61	-13	-58.61	-73.32	-75.98	2.88	9.40	Н				
	2509.2	-72.80	-13	-59.80	-78.86	-77.75	3.50	10.60	Н				
Middle	3345.6	-67.93	-13	-54.93	-75.93	-73.75	4.63	12.60	Н				
Middle	1672.8	-71.30	-13	-58.30	-73.14	-75.67	2.88	9.40	V				
	2509.2	-72.79	-13	-59.79	-78.74	-77.74	3.50	10.60	V				
	3345.6	-67.93	-13	-54.93	-75.96	-73.75	4.63	12.60	V				

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

	WCDMA Band II(RMC 12.2Kbps)												
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)				
	3760.00	-56.16	-13	-43.16	-69.78	-63.76	5.00	12.60	Н				
	5640.00	-61.82	-13	-48.82	-78.42	-67.62	7.30	13.10	Н				
Middle	7520.00	-59.02	-13	-46.02	-79.00	-62.59	7.73	11.30	Н				
Middle	3760.00	-55.05	-13	-42.05	-69.38	-62.65	5.00	12.60	V				
	5640.00	-62.31	-13	-49.31	-78.84	-68.11	7.30	13.10	V				
	7520.00	-59.31	-13	-46.31	-78.95	-62.88	7.73	11.30	V				

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

	WCDMA Band IV(RMC 12.2Kbps)												
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)				
	3465.2	-53.27	-13	-40.27	-66.97	-61.24	4.63	12.60	Н				
	5197.8	-59.20	-13	-46.20	-77.13	-65.65	6.25	12.70	Н				
Middle	6930.4	-58.93	-13	-45.93	-78.55	-63.70	8.23	13.00	Н				
Middle	3465.2	-58.99	-13	-45.99	-70.40	-66.96	4.63	12.60	V				
	5197.8	-64.22	-13	-51.22	-77.83	-70.67	6.25	12.70	V				
	6930.4	-59.64	-13	-46.64	-78.76	-64.41	8.23	13.00	V				

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

Sporton International (Shenzhen) Inc.

TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: YHLBLUG9 Page Number : B3 of B3
Report Issued Date : Mar. 01, 2019
Report Version : Rev. 01

Report No.: FG911616A