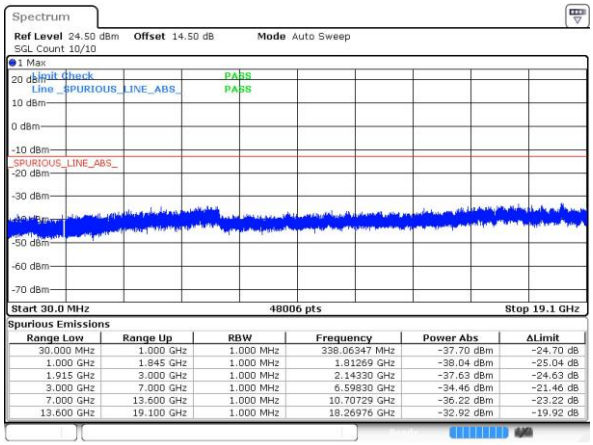
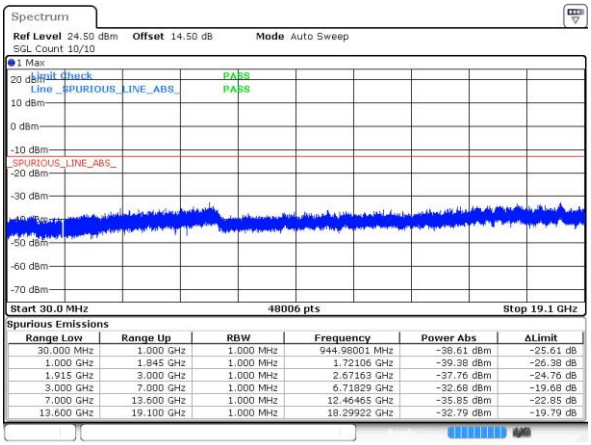
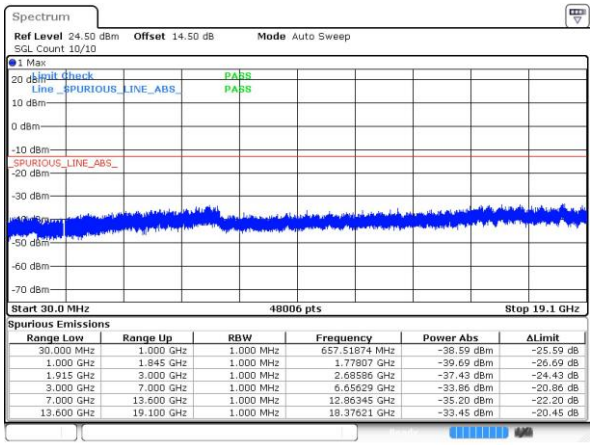
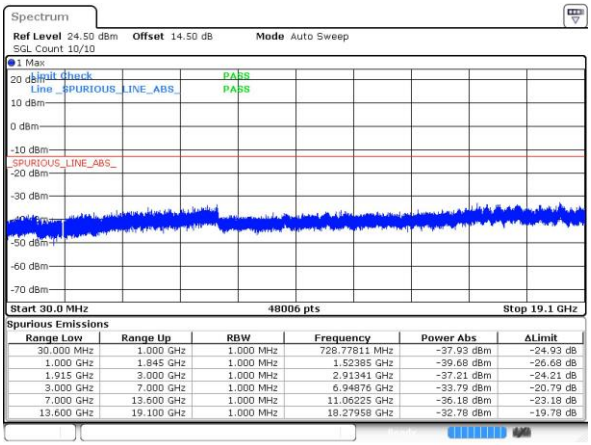
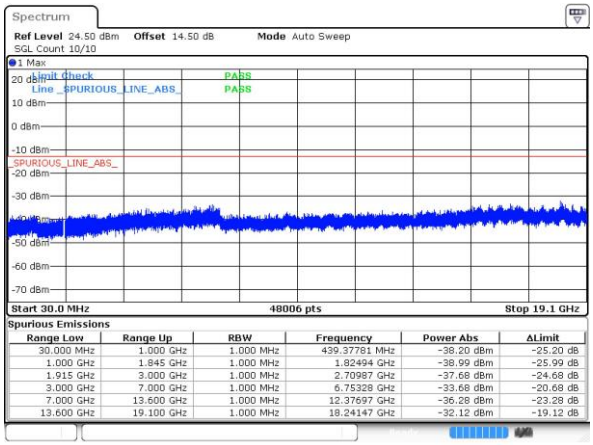
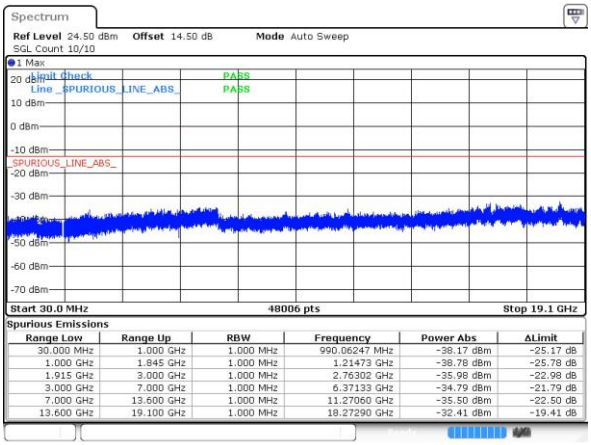
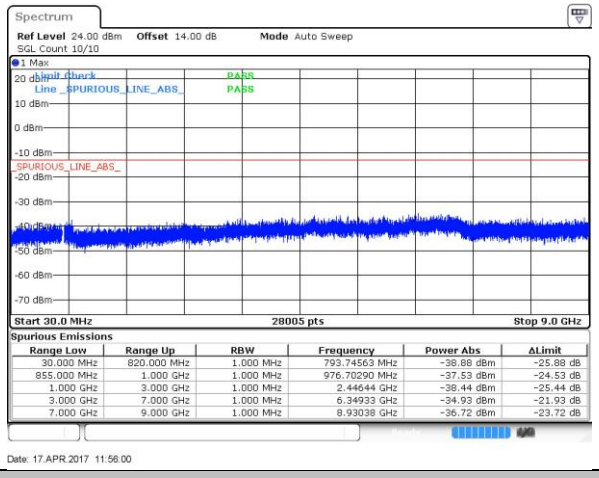
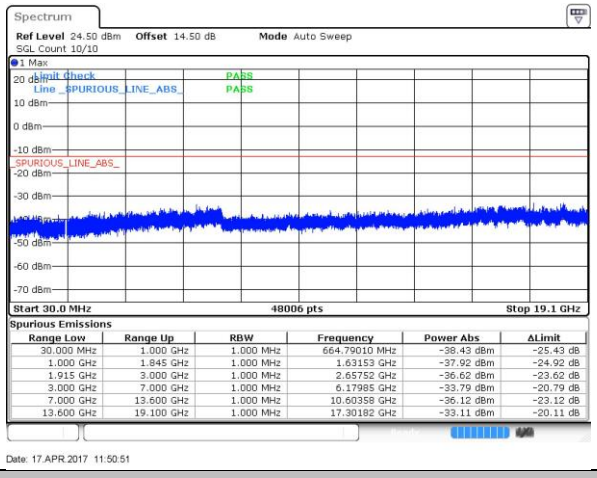
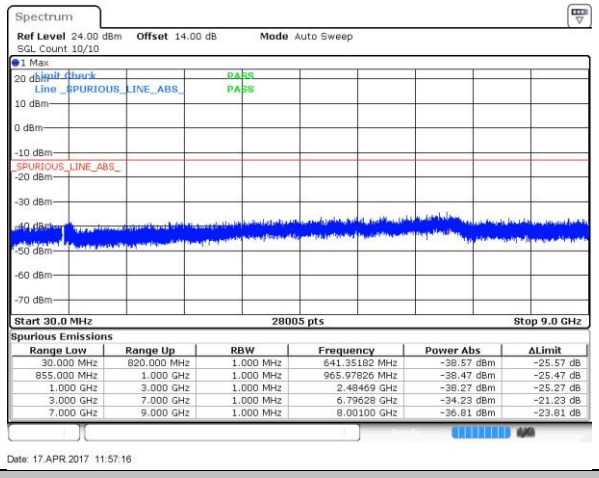
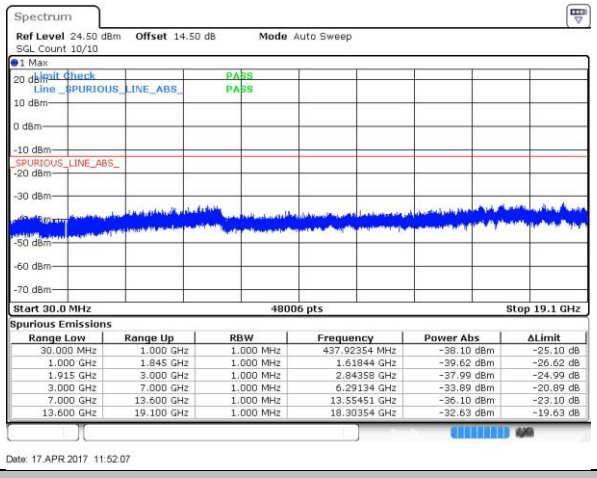
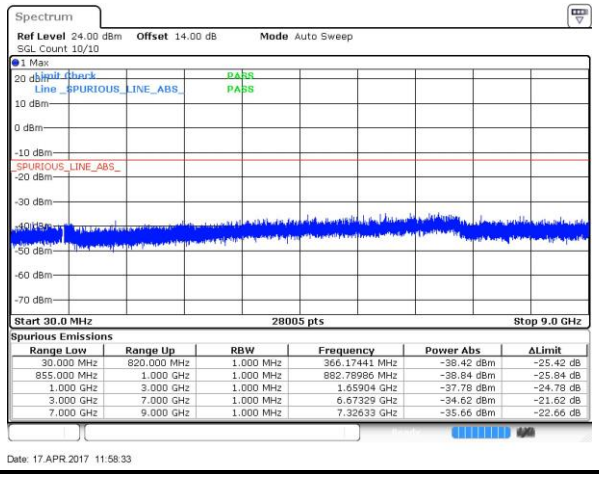
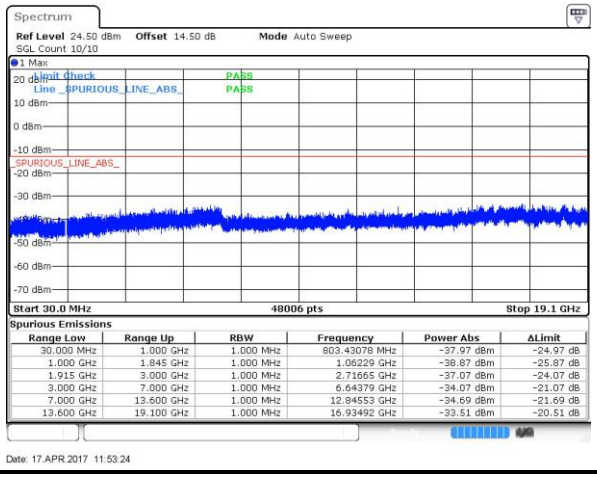
GSM1900 (GSM)	GSM1900 (EDGE class 8)
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

WCDMA Band V (RMC 12.2Kbps)	WCDMA Band II (RMC 12.2Kbps)
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

Frequency Stability

Test Conditions	Middle Channel	GSM850 (GSM)	GSM850 (EDGE class 8)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)		Result
50	Normal Voltage	0.0096	0.0072	PASS
40	Normal Voltage	0.0024	0.0024	
30	Normal Voltage	0.0418	0.0275	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0442	0.0048	
0	Normal Voltage	0.0036	0.0335	
-10	Normal Voltage	0.0012	0.0143	
-20	Normal Voltage	0.0048	0.0359	
-30	Normal Voltage	0.0359	0.0072	
20	Maximum Voltage	0.0072	0.0024	
20	Normal Voltage	0.0000	0.0000	
20	Battery End Point	0.0048	0.0299	

Note: Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.6 V.；Maximum Voltage =4.35 V

Test Conditions	Middle Channel	GSM1900 (GSM)	GSM1900 (EDGE class 8)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)		Result
50	Normal Voltage	0.0005	0.0005	PASS
40	Normal Voltage	0.0005	0.0021	
30	Normal Voltage	0.0106	0.0218	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0021	0.0255	
0	Normal Voltage	0.0005	0.0037	
-10	Normal Voltage	0.0133	0.0043	
-20	Normal Voltage	0.0016	0.0245	
-30	Normal Voltage	0.0005	0.0016	
20	Maximum Voltage	0.0144	0.0032	
20	Normal Voltage	0.0000	0.0223	
20	Battery End Point	0.0011	0.0011	

Note:

1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.6 V.；Maximum Voltage =4.35 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Test Conditions	Middle Channel	WCDMA Band V (RMC 12.2Kbps)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0024	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0036	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0179	
0	Normal Voltage	0.0048	
-10	Normal Voltage	0.0096	
-20	Normal Voltage	0.0239	
-30	Normal Voltage	0.0048	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0215	

Note: Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.6 V.；Maximum Voltage =4.35 V

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0037	
30	Normal Voltage	0.0245	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0213	
0	Normal Voltage	0.0043	
-10	Normal Voltage	0.0207	
-20	Normal Voltage	0.0037	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0202	

Note:

1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.6 V.；Maximum Voltage =4.35 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Appendix B. Test Results of Radiated Test

ERP/EIRP

Channel	Mode	Horizontal		Vertical	
		ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	GSM850 GSM	27.67	0.5848	14.35	0.0272
Middle		27.79	0.6012	13.95	0.0248
Highest		28.02	0.6339	15.22	0.0333
Lowest	GSM850 EDGE class 8	23.08	0.2032	9.27	0.0085
Middle		22.73	0.1875	9.13	0.0082
Highest		22.26	0.1683	9.50	0.0089
Lowest	WCDMA Band V RMC 12.2Kbps	17.17	0.0521	4.33	0.0027
Middle		17.66	0.0583	4.36	0.0027
Highest		18.41	0.0693	6.23	0.0042
Limit	ERP < 7W	Result		PASS	

Channel	Mode	Horizontal		Vertical	
		EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	GSM1900 GSM	28.51	0.7096	28.48	0.7047
Middle		28.06	0.6397	28.05	0.6383
Highest		26.77	0.4753	26.95	0.4955
Lowest	GSM1900 EDGE class 8	25.87	0.3864	26.01	0.3990
Middle		24.81	0.3027	25.01	0.3170
Highest		23.27	0.2123	23.82	0.2410
Lowest	WCDMA Band II RMC 12.2Kbps	23.41	0.2193	23.43	0.2203
Middle		22.64	0.1837	22.69	0.1858
Highest		21.47	0.1403	21.70	0.1479
Limit	EIRP < 2W	Result		PASS	

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)
Middle	1672.8	-62.71	-13	-49.71	-68.27	-67.12	2.84	9.40	H
	2509.2	-58.17	-13	-45.17	-68.59	-62.92	3.7	10.60	H
	3345.6	-65.97	-13	-52.97	-80.73	-72.05	4.37	12.60	H
	4182	-49.41	-13	-36.41	-66.98	-55.01	4.85	12.60	H
	1672.8	-70.14	-13	-57.14	-74.85	-74.55	2.84	9.40	V
	2509.2	-56.78	-13	-43.78	-66.61	-61.53	3.70	10.60	V
	3345.6	-65.72	-13	-52.72	-79.29	-71.80	4.37	12.60	V
	4182	-52.87	-13	-39.87	-70.58	-58.47	4.85	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)
Middle	1672.8	-68.59	-13	-55.59	-74.15	-73.00	2.84	9.40	H
	2509.2	-67.91	-13	-54.91	-78.33	-72.66	3.7	10.60	H
	3345.6	-66.06	-13	-53.06	-80.82	-72.14	4.37	12.60	H
	1672.8	-72.23	-13	-59.23	-76.94	-76.64	2.84	9.40	V
	2509.2	-68.39	-13	-55.39	-78.22	-73.14	3.70	10.60	V
	3345.6	-67.37	-13	-54.37	-80.94	-73.45	4.37	12.60	V

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

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)
Middle	3760	-48.06	-13	-35.06	-67.67	-55.81	4.85	12.60	H
	5640	-39.12	-13	-26.12	-62.37	-46.64	5.58	13.10	H
	7520	-55.00	-13	-42.00	-78.52	-59.74	6.56	11.30	H
	9400	-42.86	-13	-29.86	-70.90	-47.29	7.47	11.90	H
	3760	-59.33	-13	-46.33	-79.72	-67.08	4.85	12.6	V
	5640	-42.95	-13	-29.95	-67	-50.47	5.58	13.1	V
	7520	-56.74	-13	-43.74	-80.28	-61.48	6.56	11.3	V
	9400	-44.15	-13	-31.15	-71.9	-48.58	7.47	11.9	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)
Middle	3760	-56.89	-13	-43.89	-76.50	-64.64	4.85	12.60	H
	5640	-49.10	-13	-36.10	-72.55	-56.62	5.58	13.10	H
	7520	-58.30	-13	-45.30	-81.82	-63.04	6.56	11.30	H
	3760	-59.22	-13	-46.22	-79.61	-66.97	4.85	12.60	V
	5640	-56.02	-13	-43.02	-80.07	-63.54	5.58	13.10	V
	7520	-57.78	-13	-44.78	-81.32	-62.52	6.56	11.30	V

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

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)
Middle	1672.8	-71.17	-13	-58.17	-76.73	-75.58	2.84	9.40	H
	2509.2	-64.83	-13	-51.83	-75.25	-69.58	3.7	10.60	H
	3345.6	-63.57	-13	-50.57	-78.33	-69.65	4.37	12.60	H
	4182	-62.94	-13	-49.94	-80.51	-68.54	4.85	12.60	H
	1672.8	-71.22	-13	-58.22	-75.93	-75.63	2.84	9.40	V
	2509.2	-61.93	-13	-48.93	-71.76	-66.68	3.70	10.60	V
	3345.6	-63.42	-13	-50.42	-76.99	-69.50	4.37	12.60	V
	4182	-64.17	-13	-51.17	-81.88	-69.77	4.85	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)
Middle	3760	-60.08	-13	-47.08	-79.69	-67.83	4.85	12.60	H
	5640	-58.03	-13	-45.03	-81.48	-65.55	5.58	13.10	H
	7520	-57.62	-13	-44.62	-81.14	-62.36	6.56	11.30	H
	3760	-58.70	-13	-45.70	-79.09	-66.45	4.85	12.60	V
	5640	-57.35	-13	-44.35	-81.4	-64.87	5.58	13.10	V
	7520	-58.25	-13	-45.25	-81.79	-62.99	6.56	11.30	V

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