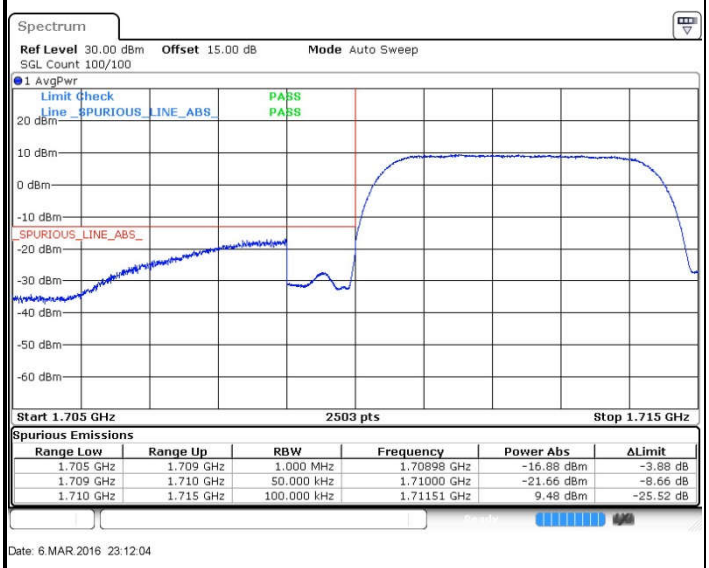
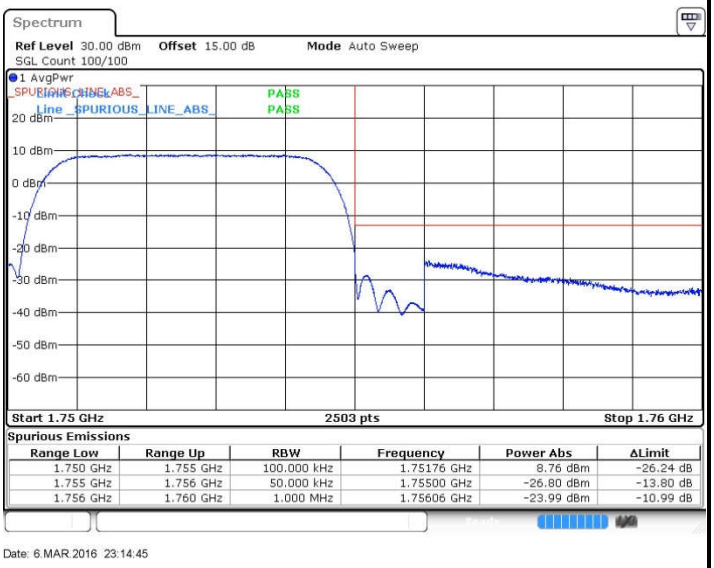
WCDMA Band IV (RMC 12.2Kbps)	
Lowest Band Edge	**Highest Band Edge**

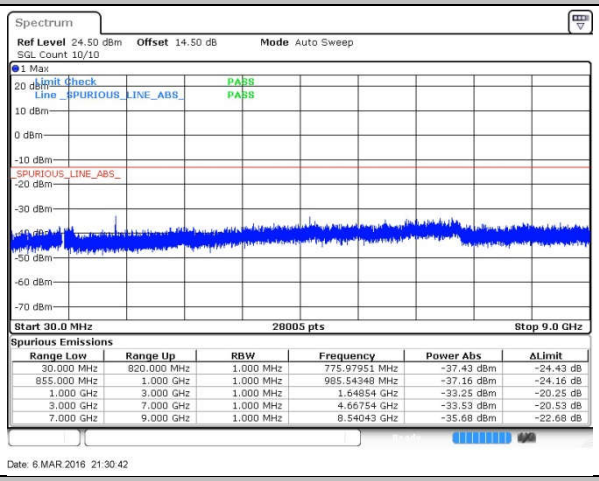




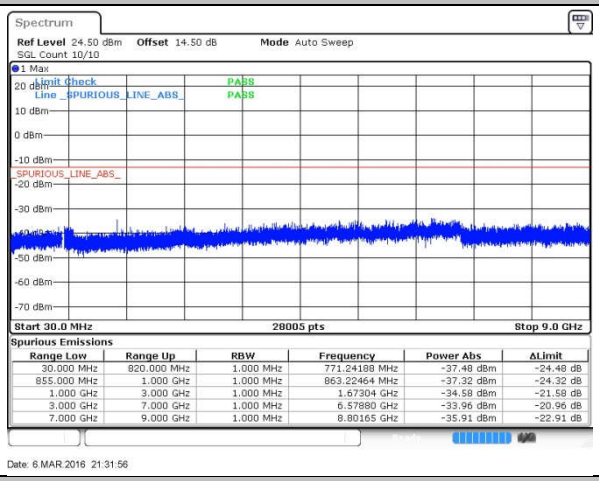
Conducted Spurious Emission

GSM850 (GSM)

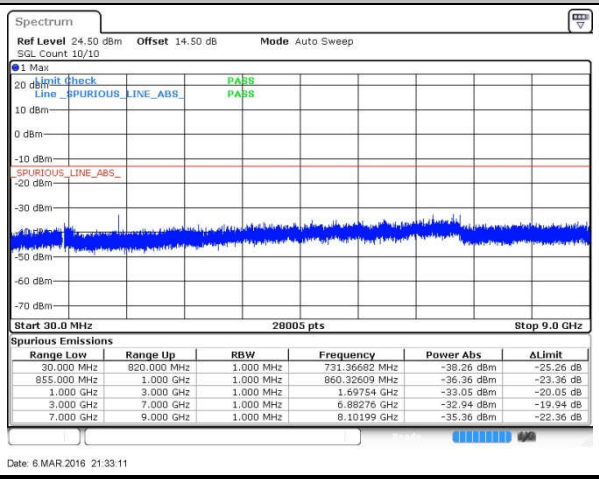
Lowest Channel



Middle Channel

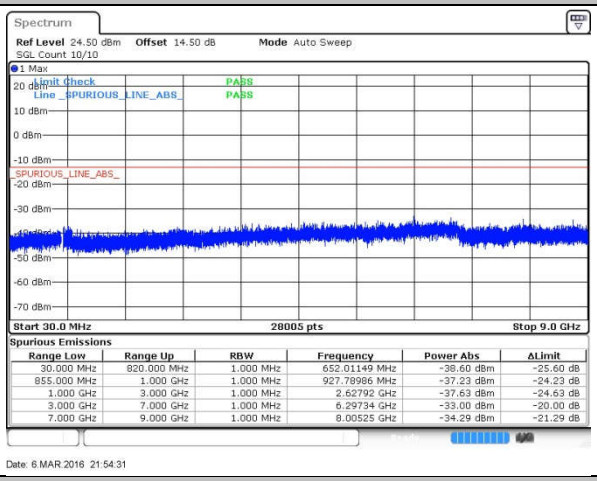


Highest Channel

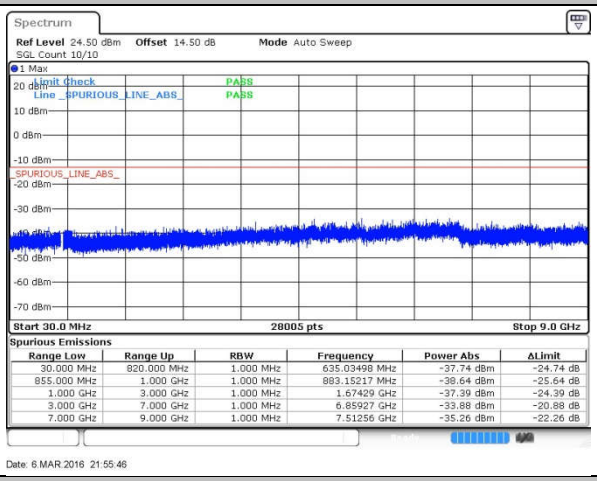


GSM850 (EDGE class 8)

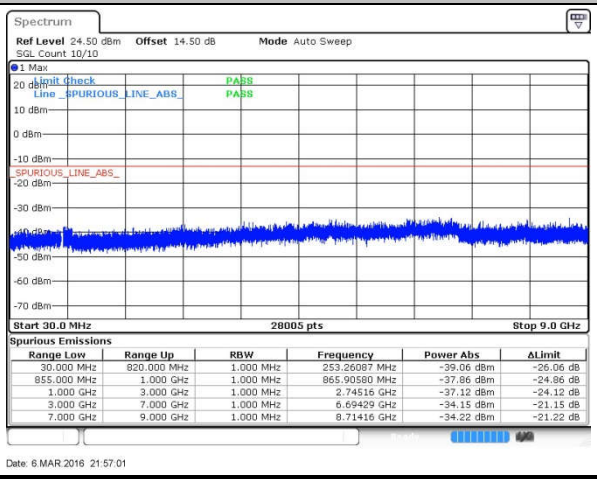
Lowest Channel

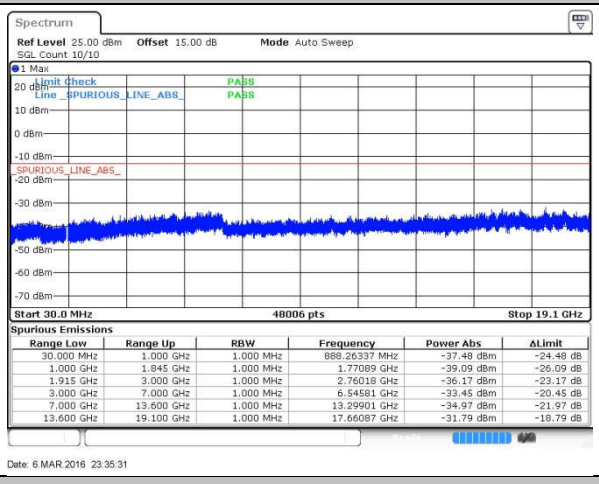
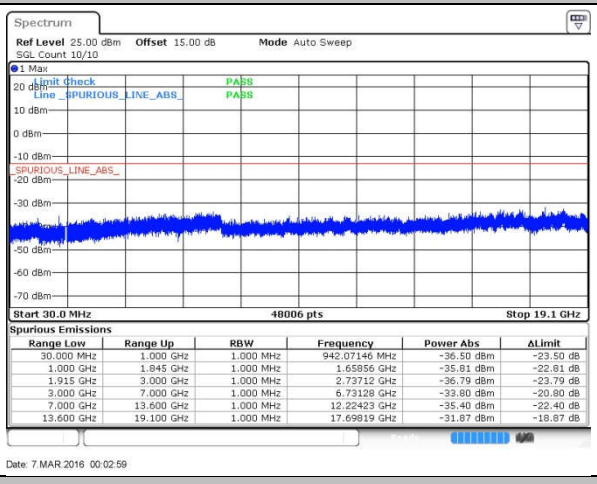
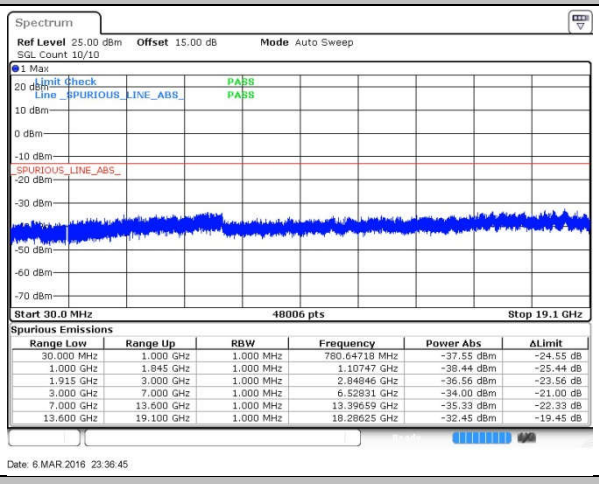
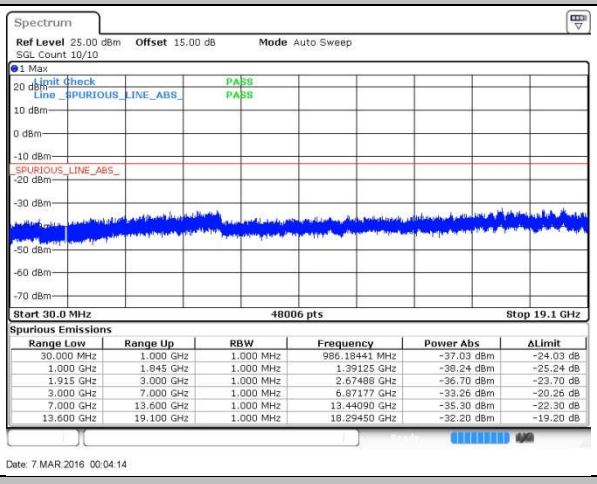
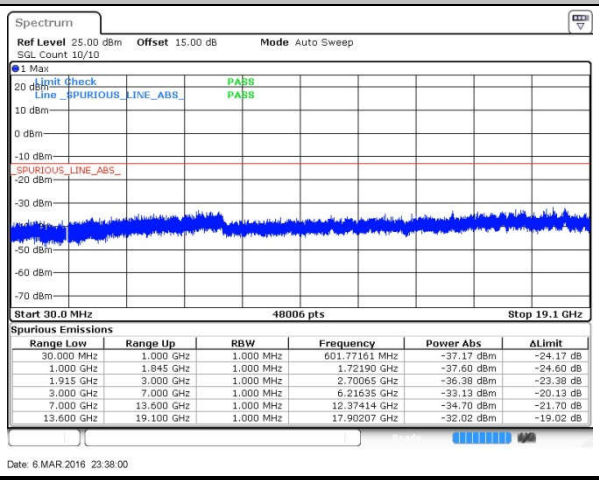
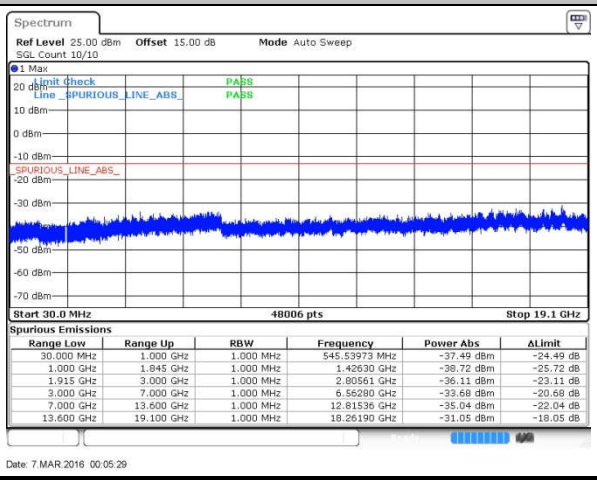


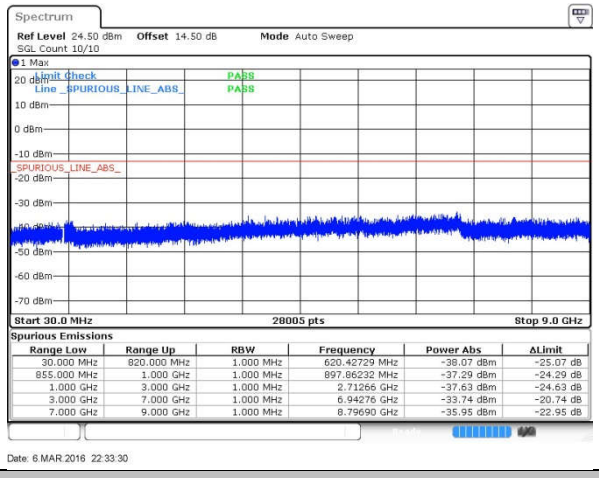
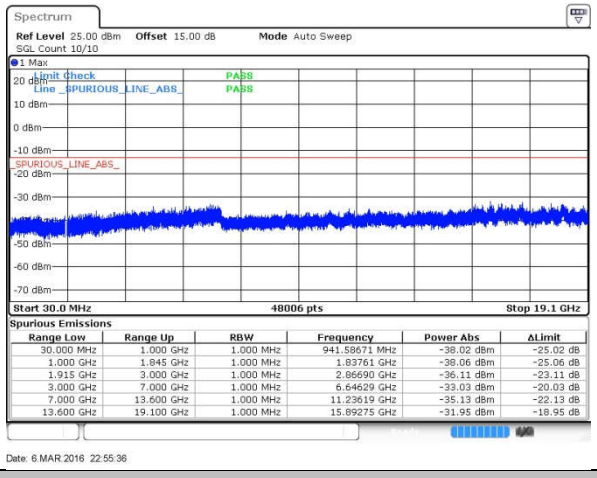
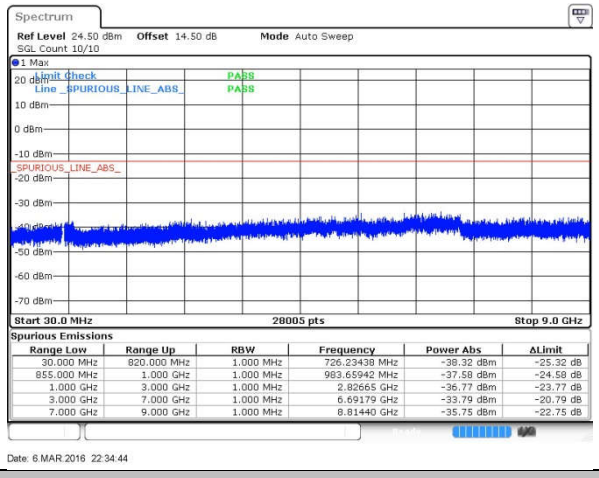
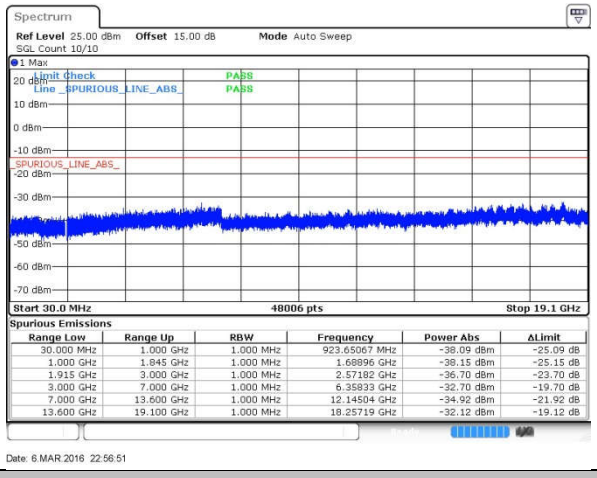
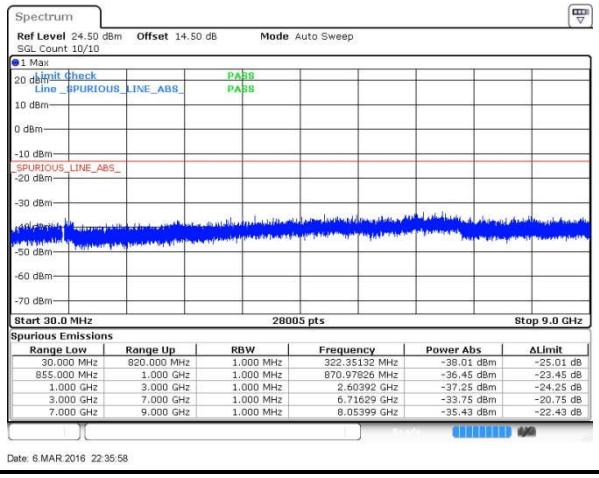
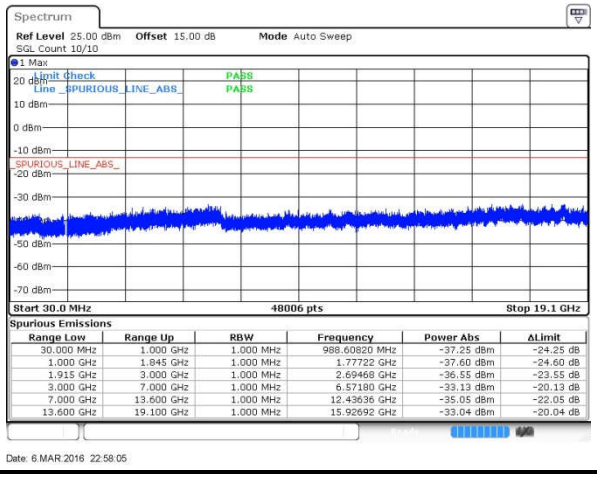
Middle Channel

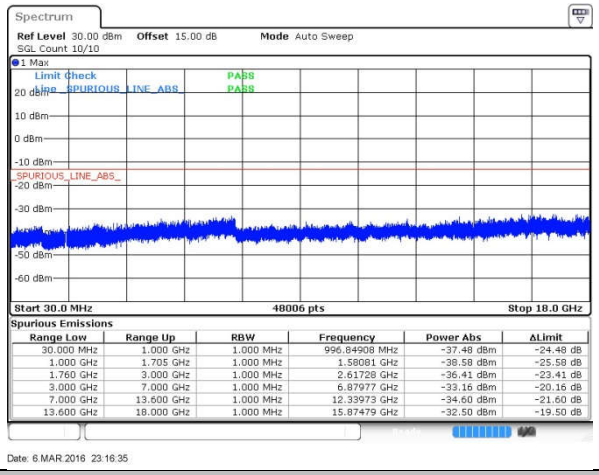
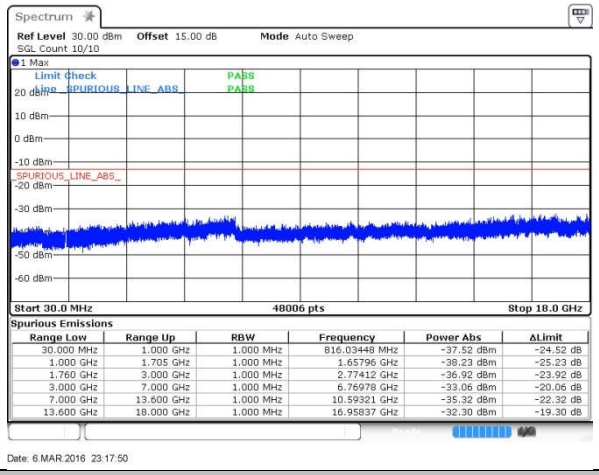
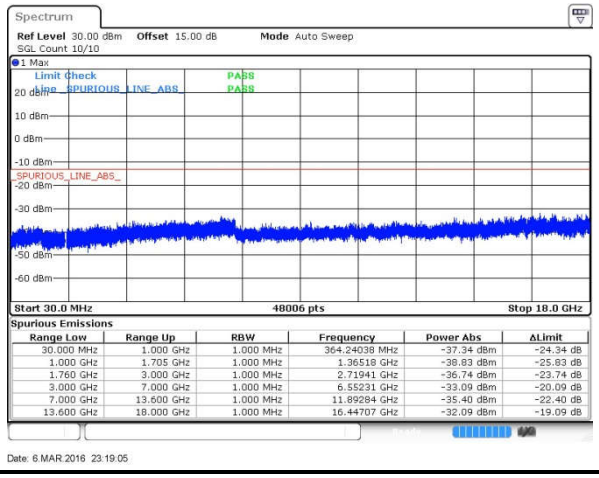


Highest Channel



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**
	

WCDMA Band IV (RMC 12.2Kbps)	
Lowest Channel	
	
Middle 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	0.0215	0.0430	PASS
40	Normal Voltage	0.0084	0.0275	
30	Normal Voltage	0.0395	0.0359	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0072	0.0215	
0	Normal Voltage	0.0024	0.0036	
-10	Normal Voltage	0.0263	0.0251	
-20	Normal Voltage	0.0048	0.0335	
-30	Normal Voltage	0.0012	0.0275	
20	Maximum Voltage	0.0143	0.0167	
20	Normal Voltage	0.0036	0.0299	
20	Battery End Point	0.0012	0.0203	

Note: Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.6 V.；Maximum Voltage =4.4 V

Test Conditions	Middle Channel	GSM1900 (GSM)	GSM1900 (EDGE class 8)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)		Result
50	Normal Voltage	0.0016	0.0059	PASS
40	Normal Voltage	0.0112	0.0048	
30	Normal Voltage	0.0048	0.0011	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0011	0.0021	
0	Normal Voltage	0.0043	0.0160	
-10	Normal Voltage	0.0080	0.0016	
-20	Normal Voltage	0.0117	0.0128	
-30	Normal Voltage	0.0122	0.0005	
20	Maximum Voltage	0.0144	0.0027	
20	Normal Voltage	0.0133	0.0043	
20	Battery End Point	0.0106	0.0027	

Note:

1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.6 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.

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	0.0084	PASS
40	Normal Voltage	0.0120	
30	Normal Voltage	0.0048	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0060	
0	Normal Voltage	0.0179	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0191	
-30	Normal Voltage	0.0132	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0036	
20	Battery End Point	0.0227	

Note: Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.6 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	0.0043	PASS
40	Normal Voltage	0.0074	
30	Normal Voltage	0.0059	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0080	
0	Normal Voltage	0.0069	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0053	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0064	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.6 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.

Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0075	PASS
40	Normal Voltage	0.0225	
30	Normal Voltage	0.0265	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0231	
0	Normal Voltage	0.0052	
-10	Normal Voltage	0.0029	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0139	
20	Maximum Voltage	0.0167	
20	Normal Voltage	0.0058	
20	Battery End Point	0.0190	

Note:

1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.6 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.

Appendix B. Test Results of Radiated Test

ERP/EIRP

Channel	Mode	Horizontal		Vertical	
		ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	GSM850 GSM	26.39	0.4355	22.30	0.1698
Middle		26.09	0.4064	22.77	0.1892
Highest		26.32	0.4285	23.17	0.2075
Lowest	GSM850 EDGE class 8	20.06	0.1014	15.91	0.0390
Middle		19.69	0.0931	16.03	0.0401
Highest		19.71	0.0935	16.54	0.0451
Lowest	WCDMA Band V RMC 12.2Kbps	17.19	0.0524	13.00	0.0200
Middle		18.29	0.0675	14.61	0.0289
Highest		17.83	0.0607	14.28	0.0268
Limit	ERP < 7W	Result		PASS	

Channel	Mode	Horizontal		Vertical	
		EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	GSM1900 GSM	29.74	0.9419	30.09	1.0209
Middle		28.65	0.7328	29.34	0.8590
Highest		28.84	0.7656	28.54	0.7145
Lowest	GSM1900 EDGE class 8	25.51	0.3556	25.73	0.3741
Middle		24.24	0.2655	25.04	0.3192
Highest		23.50	0.2239	23.77	0.2382
Lowest	WCDMA Band II RMC 12.2Kbps	20.38	0.1091	22.65	0.1841
Middle		19.98	0.0995	20.53	0.1130
Highest		21.08	0.1282	20.93	0.1239
Limit	EIRP < 2W	Result		PASS	

Channel	Mode	Horizontal		Vertical	
		EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	WCDMA Band IV RMC 12.2Kbps	27.53	0.5662	27.61	0.5768
Middle		27.51	0.5636	27.35	0.5433
Highest		27.39	0.5483	27.41	0.5508
Limit	EIRP < 1W	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)
Lowest	1648	-55.06	-13	-42.06	-57.24	-56.95	1.86	5.90	H
	2474	-52.24	-13	-39.24	-61.27	-54.58	2.31	6.80	H
	3297	-53.94	-13	-40.94	-66.57	-56.34	2.85	7.40	H
	1648	-58.99	-13	-45.99	-57.85	-60.88	1.86	5.90	V
	2472	-44.56	-13	-31.56	-57.70	-46.90	2.31	6.80	V
	3297	-51.98	-13	-38.98	-65.96	-54.38	2.85	7.40	V
Middle	1672	-55.58	-13	-42.58	-57.76	-57.47	1.86	5.90	H
	2510	-50.28	-13	-37.28	-59.31	-52.62	2.31	6.80	H
	3345	-53.95	-13	-40.95	-66.58	-56.35	2.85	7.40	H
	1674	-55.71	-13	-42.71	-55.30	-57.60	1.86	5.90	V
	2510	-43.47	-13	-30.47	-57.14	-45.81	2.31	6.80	V
	3345	-51.02	-13	-38.02	-65.00	-53.42	2.85	7.40	V
Highest	1698	-54.59	-13	-41.59	-56.77	-56.48	1.86	5.90	H
	2548	-52.32	-13	-39.32	-61.35	-54.66	2.31	6.80	H
	3396	-53.82	-13	-40.82	-66.45	-56.22	2.85	7.40	H
	1698	-57.77	-13	-44.77	-56.63	-59.66	1.86	5.90	V
	2548	-49.48	-13	-36.48	-60.45	-51.82	2.31	6.80	V
	3396	-51.84	-13	-38.84	-65.82	-54.24	2.85	7.40	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)
Lowest	1648	-53.88	-13	-40.88	-56.06	-55.77	1.86	5.90	H
	2474	-51.01	-13	-38.01	-60.04	-53.35	2.31	6.80	H
	3297	-51.70	-13	-38.70	-64.33	-54.10	2.85	7.40	H
	1648	-53.18	-13	-40.18	-53.75	-55.07	1.86	5.90	V
	2474	-42.91	-13	-29.91	-56.69	-45.25	2.31	6.80	V
	3297	-51.46	-13	-38.46	-65.44	-53.86	2.85	7.40	V
Middle	1672	-55.58	-13	-42.58	-57.76	-57.47	1.86	5.90	H
	2509	-53.76	-13	-40.76	-62.79	-56.10	2.31	6.80	H
	3345	-54.15	-13	-41.15	-66.78	-56.55	2.85	7.40	H
	1672	-57.22	-13	-44.22	-56.08	-59.11	1.86	5.90	V
	2509	-51.64	-13	-38.64	-62.61	-53.98	2.31	6.80	V
	3345	-52.24	-13	-39.24	-66.22	-54.64	2.85	7.40	V
Highest	1698	-54.47	-13	-41.47	-56.65	-56.36	1.86	5.90	H
	2548	-53.18	-13	-40.18	-62.21	-55.52	2.31	6.80	H
	3396	-54.18	-13	-41.18	-66.81	-56.58	2.85	7.40	H
	1698	-57.71	-13	-44.71	-56.57	-59.60	1.86	5.90	V
	2548	-51.70	-13	-38.70	-62.67	-54.04	2.31	6.80	V
	3396	-52.93	-13	-39.93	-66.91	-55.33	2.85	7.40	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)
Lowest	3700	-50.10	-13	-37.10	-64.30	-54.70	3.00	7.60	H
	5550	-43.36	-13	-30.36	-57.15	-49.62	3.84	10.10	H
	7401	-40.46	-13	-27.46	-60.24	-47.96	4.43	11.93	H
	3700	-52.81	-13	-39.81	-65.3	-57.41	3.00	7.60	V
	5550	-40.21	-13	-27.21	-55.33	-46.47	3.84	10.10	V
	7401	-35.13	-13	-22.13	-54.93	-42.63	4.43	11.93	V
Middle	3759	-51.17	-13	-38.17	-65.37	-55.77	3.00	7.60	H
	5640	-47.82	-13	-34.82	-61.61	-54.08	3.84	10.10	H
	7521	-42.66	-13	-29.66	-62.44	-50.16	4.43	11.93	H
	3759	-53.25	-13	-40.25	-65.74	-57.85	3.00	7.60	V
	5640	-47.39	-13	-34.39	-59.8	-53.65	3.84	10.10	V
	7521	-46.06	-13	-33.06	-63.85	-53.56	4.43	11.93	V
Highest	3819	-51.51	-13	-38.51	-65.71	-56.11	3.00	7.60	H
	5730	-43.17	-13	-30.17	-56.96	-49.43	3.84	10.10	H
	7638	-43.02	-13	-30.02	-62.80	-50.52	4.43	11.93	H
	3819	-49.34	-13	-36.34	-61.83	-53.94	3.00	7.60	V
	5730	-37.47	-13	-24.47	-53.94	-43.73	3.84	10.10	V
	7641	-41.64	-13	-28.64	-59.43	-49.14	4.43	11.93	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)
Lowest	3699	-50.44	-13	-37.44	-64.64	-55.04	3.00	7.60	H
	5550	-42.95	-13	-29.95	-56.74	-49.21	3.84	10.10	H
	7401	-40.78	-13	-27.78	-60.56	-48.28	4.43	11.93	H
	3699	-52.09	-13	-39.09	-64.58	-56.69	3.00	7.60	V
	5550	-40.72	-13	-27.72	-55.67	-46.98	3.84	10.10	V
	7401	-35.51	-13	-22.51	-55.25	-43.01	4.43	11.93	V
Middle	3759	-51.88	-13	-38.88	-66.08	-56.48	3.00	7.60	H
	5640	-48.37	-13	-35.37	-62.16	-54.63	3.84	10.10	H
	7521	-44.07	-13	-31.07	-63.85	-51.57	4.43	11.93	H
	3759	-53.88	-13	-40.88	-66.37	-58.48	3.00	7.60	V
	5640	-50.27	-13	-37.27	-62.68	-56.53	3.84	10.10	V
	7521	-45.82	-13	-32.82	-63.61	-53.32	4.43	11.93	V
Highest	3819	-50.98	-13	-37.98	-65.18	-55.58	3.00	7.60	H
	5730	-42.35	-13	-29.35	-56.14	-48.61	3.84	10.10	H
	7638	-42.68	-13	-29.68	-62.46	-50.18	4.43	11.93	H
	3819	-49.51	-13	-36.51	-62	-54.11	3.00	7.60	V
	5730	-36.71	-13	-23.71	-53.54	-42.97	3.84	10.10	V
	7638	-35.16	-13	-22.16	-54.96	-42.66	4.43	11.93	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)
Lowest	1652	-55.16	-13	-42.16	-57.34	-57.05	1.86	5.90	H
	2480	-53.04	-13	-40.04	-62.07	-55.38	2.31	6.80	H
	3306	-52.82	-13	-39.82	-65.45	-55.22	2.85	7.40	H
	1652	-58.59	-13	-45.59	-57.45	-60.48	1.86	5.90	V
	2480	-52.58	-13	-39.58	-63.55	-54.92	2.31	6.80	V
	3306	-53.40	-13	-40.40	-67.38	-55.80	2.85	7.40	V
Middle	1672	-55.91	-13	-42.91	-58.09	-57.80	1.86	5.90	H
	2509	-52.82	-13	-39.82	-61.85	-55.16	2.31	6.80	H
	3345	-53.11	-13	-40.11	-65.74	-55.51	2.85	7.40	H
	1672	-59.47	-13	-46.47	-58.33	-61.36	1.86	5.90	V
	2509	-51.34	-13	-38.34	-62.31	-53.68	2.31	6.80	V
	3345	-52.36	-13	-39.36	-66.34	-54.76	2.85	7.40	V
Highest	1692	-54.81	-13	-41.81	-56.99	-56.70	1.86	5.90	H
	2539	-53.89	-13	-40.89	-62.92	-56.23	2.31	6.80	H
	3387	-54.29	-13	-41.29	-66.92	-56.69	2.85	7.40	H
	1693	-58.84	-13	-45.84	-57.70	-60.73	1.86	5.90	V
	2540	-52.27	-13	-39.27	-63.24	-54.61	2.31	6.80	V
	3387	-52.06	-13	-39.06	-66.04	-54.46	2.85	7.40	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)
Lowest	3705	-50.90	-13	-37.90	-65.10	-55.50	3.00	7.60	H
	5557	-48.07	-13	-35.07	-61.86	-54.33	3.84	10.10	H
	7410	-42.38	-13	-29.38	-62.16	-49.88	4.43	11.93	H
	3705	-52.97	-13	-39.97	-65.46	-57.57	3.00	7.60	V
	5557	-49.71	-13	-36.71	-62.12	-55.97	3.84	10.10	V
	7410	-44.61	-13	-31.61	-62.4	-52.11	4.43	11.93	V
Middle	3759	-52.09	-13	-39.09	-66.29	-56.69	3.00	7.60	H
	5640	-48.45	-13	-35.45	-62.24	-54.71	3.84	10.10	H
	7521	-44.13	-13	-31.13	-63.91	-51.63	4.43	11.93	H
	3759	-54.39	-13	-41.39	-66.88	-58.99	3.00	7.60	V
	5640	-50.59	-13	-37.59	-63	-56.85	3.84	10.10	V
	7521	-46.06	-13	-33.06	-63.85	-53.56	4.43	11.93	V
Highest	3816	-51.98	-13	-38.98	-66.18	-56.58	3.00	7.60	H
	5722.8	-47.61	-13	-34.61	-61.40	-53.87	3.84	10.10	H
	7629	-42.94	-13	-29.94	-62.72	-50.44	4.43	11.93	H
	3714	-54.37	-13	-41.37	-66.86	-58.97	3.00	7.60	V
	5724	-48.63	-13	-35.63	-61.04	-54.89	3.84	10.10	V
	7629	-46.32	-13	-33.32	-64.11	-53.82	4.43	11.93	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)
Lowest	3426	-51.90	-13	-38.90	-66.03	-56.27	3.12	7.49	H
	5137.2	-49.60	-13	-36.60	-62.75	-55.40	3.65	9.45	H
	6849	-46.21	-13	-33.21	-63.07	-53.41	4.15	11.35	H
	3426	-52.95	-13	-39.95	-65.77	-57.32	3.12	7.49	V
	5137.2	-45.69	-13	-32.69	-59.7	-51.49	3.65	9.45	V
	6849	-46.83	-13	-33.83	-62.08	-54.03	4.15	11.35	V
Middle	3465	-52.90	-13	-39.90	-67.03	-57.27	3.12	7.49	H
	5199	-49.37	-13	-36.37	-62.52	-55.17	3.65	9.45	H
	6930	-45.63	-13	-32.63	-62.49	-52.83	4.15	11.35	H
	3465	-54.99	-13	-41.99	-67.81	-62.65	5.73	13.39	V
	5199	-49.94	-13	-36.94	-63.95	-57.38	6.05	13.49	V
	6930	-47.87	-13	-34.87	-63.12	-54.78	6.68	13.59	V
Highest	3504	-53.83	-13	-40.83	-67.96	-58.20	3.12	7.49	H
	5259	-49.18	-13	-36.18	-62.33	-54.98	3.65	9.45	H
	7011	-44.76	-13	-31.76	-61.62	-51.96	4.15	11.35	H
	3504	-54.35	-13	-41.35	-67.17	-58.72	3.12	7.49	V
	5257.8	-47.54	-13	-34.54	-61.55	-53.34	3.65	9.45	V
	7011	-46.75	-13	-33.75	-62	-53.95	4.15	11.35	V

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