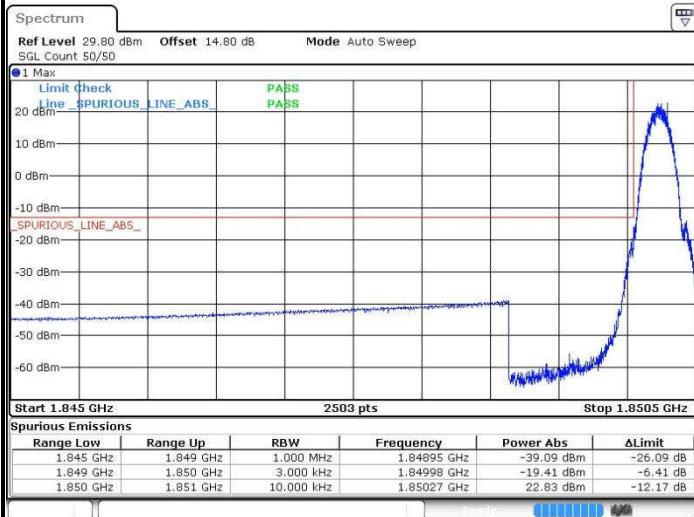


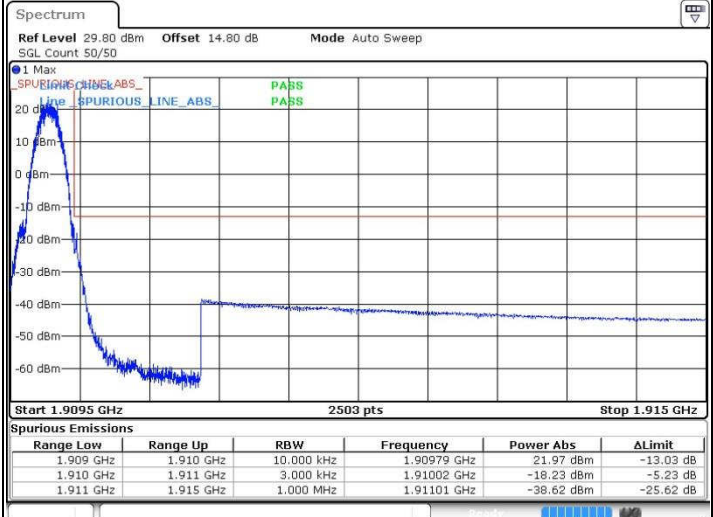


GSM1900 (GSM)

Lowest Band Edge



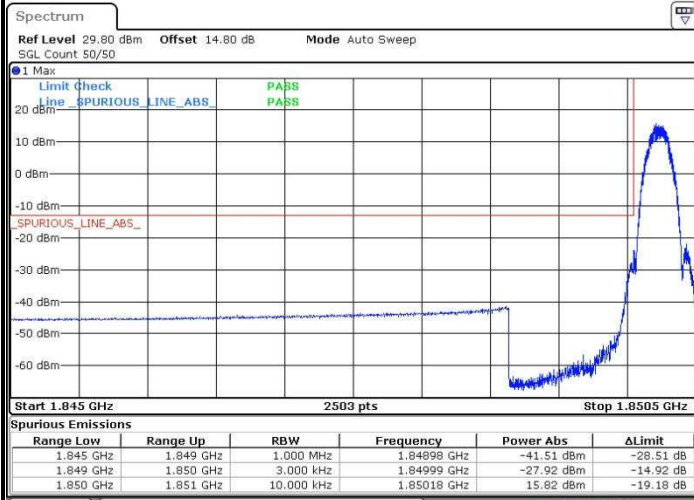
Highest Band Edge



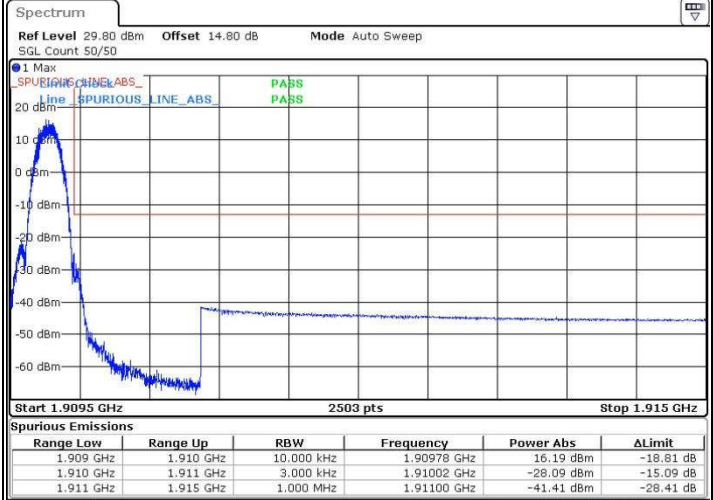


GSM1900 (EDGE class 8)

Lowest Band Edge



Highest Band Edge





WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge



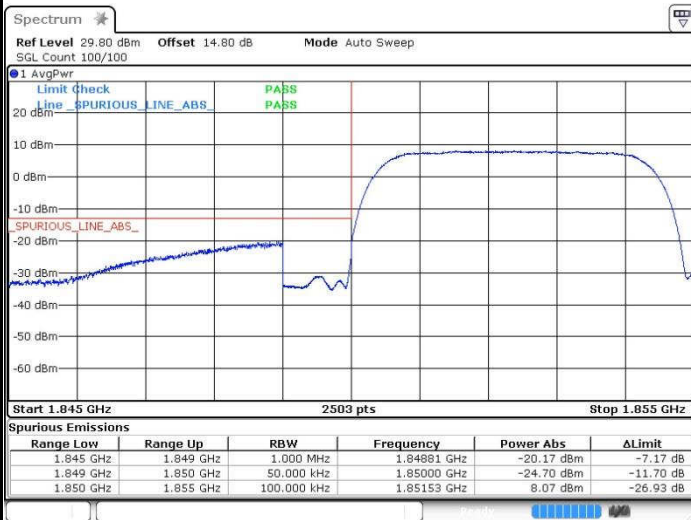
Highest Band Edge





WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



Date: 24 FEB 2016 09:17:06

Highest Band Edge



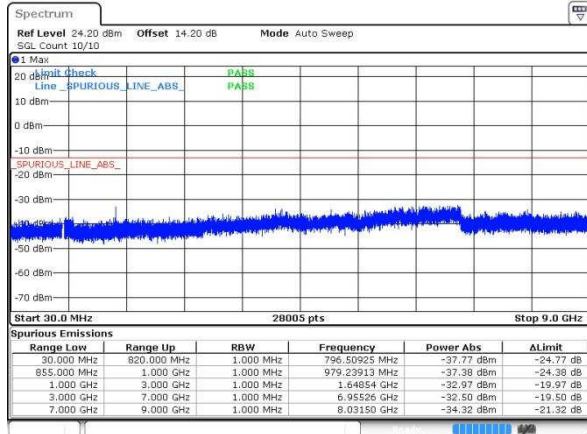
Date: 24 FEB 2016 09:19:47



Conducted Spurious Emission

GSM850 (GSM)

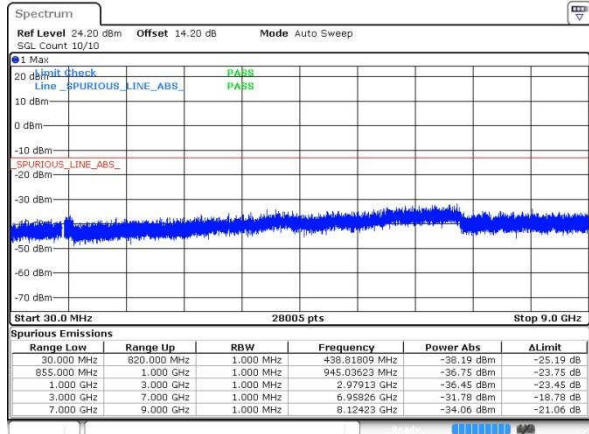
Lowest Channel



Date: 24 FEB 2016 01:10:03

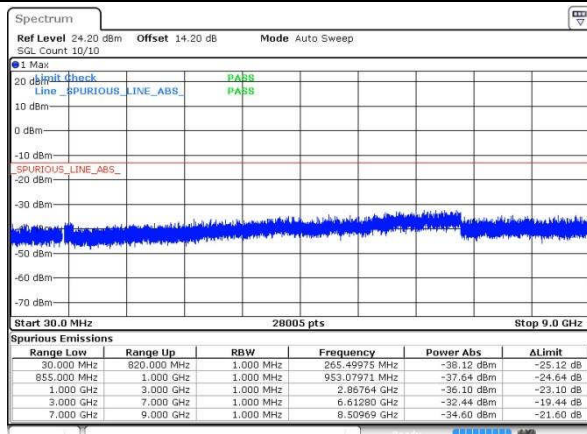
GSM850 (EDGE class 8)

Lowest Channel



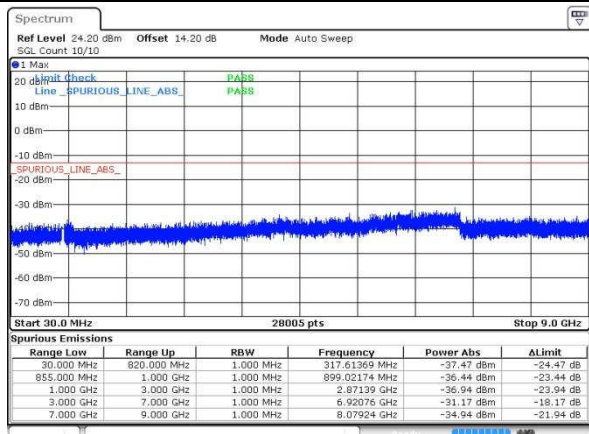
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Middle Channel



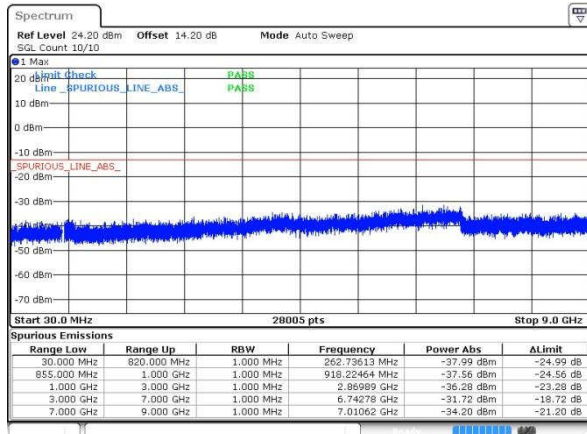
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Middle Channel



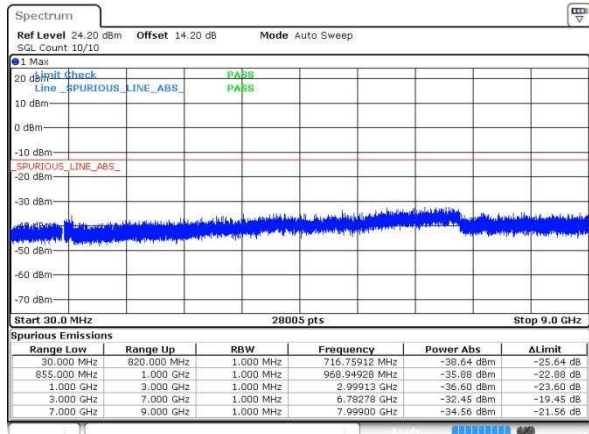
Date: 24 FEB 2016 01:43:36

Highest Channel



Date: 24 FEB 2016 01:12:35

Highest Channel

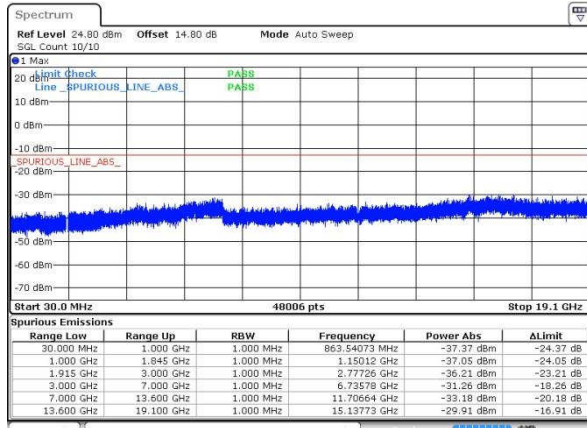


Date: 24 FEB 2016 01:45:02



GSM1900 (GSM)

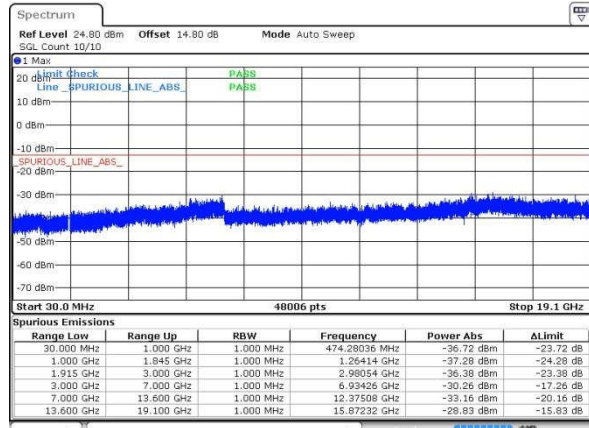
Lowest Channel



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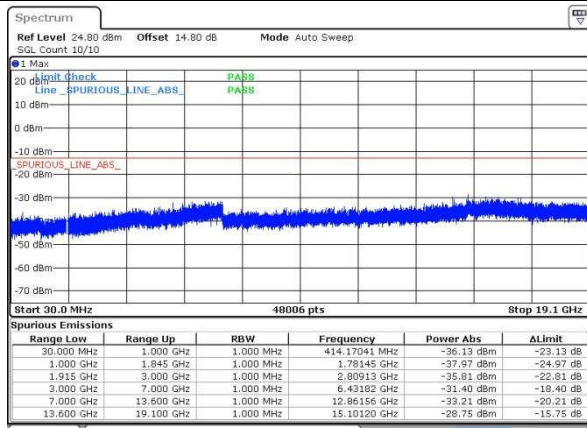
GSM1900 (EDGE class 8)

Lowest Channel

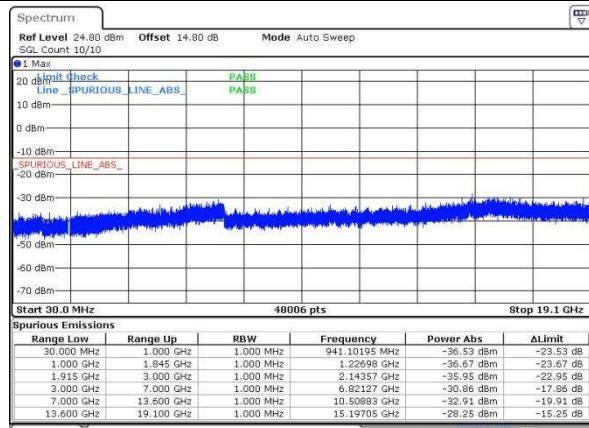


Date: 24 FEB 2016 02:55:25

Middle Channel

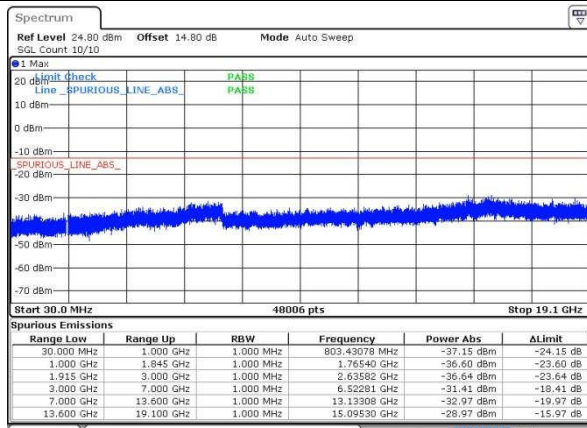


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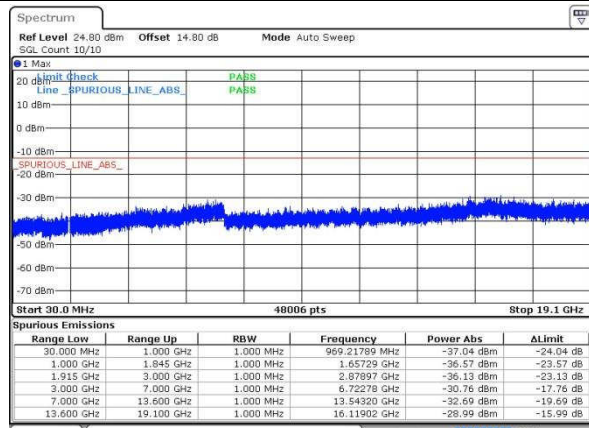


Date: 24 FEB 2016 02:56:44

Highest Channel



Date: 24 FEB 2016 02:40:17

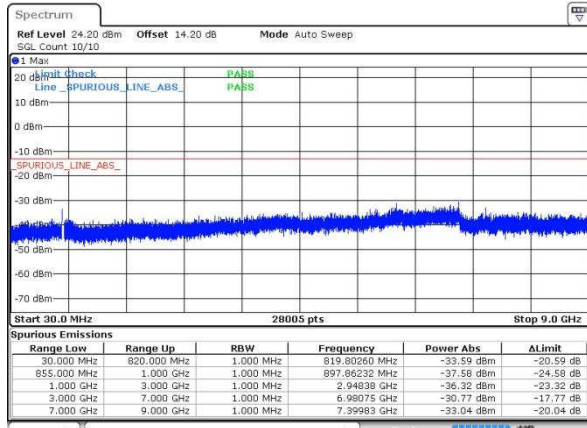


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WCDMA Band V (RMC 12.2Kbps)

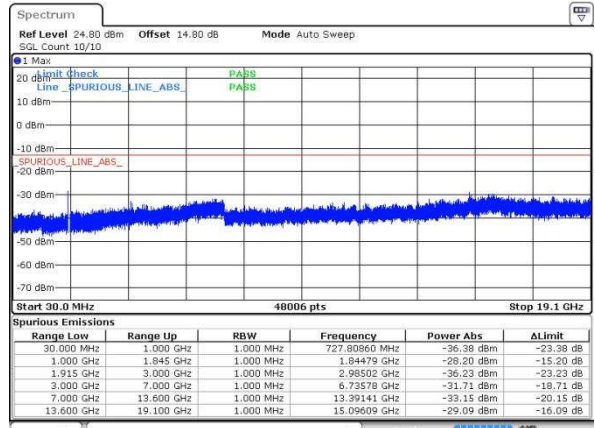
Lowest Channel



Date: 24 FEB 2016 09:46:53

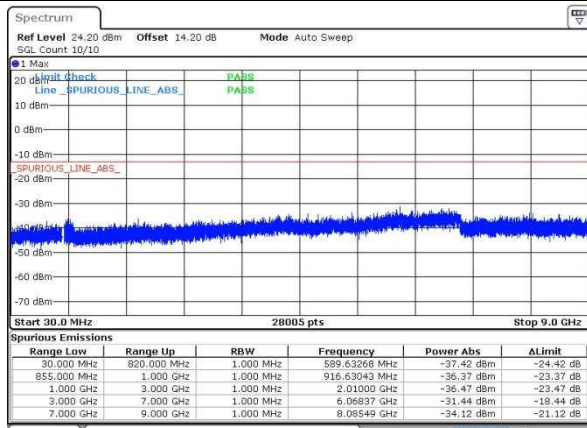
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



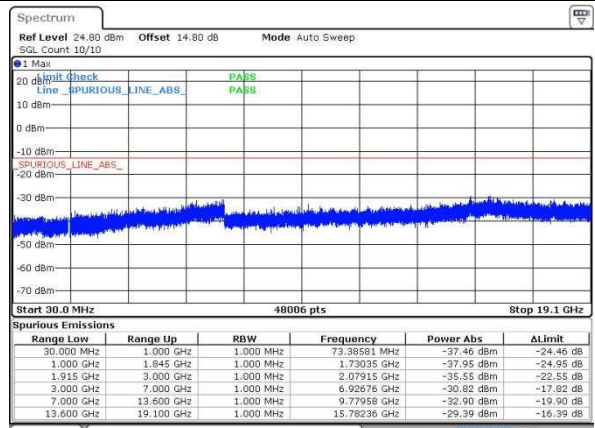
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Middle Channel



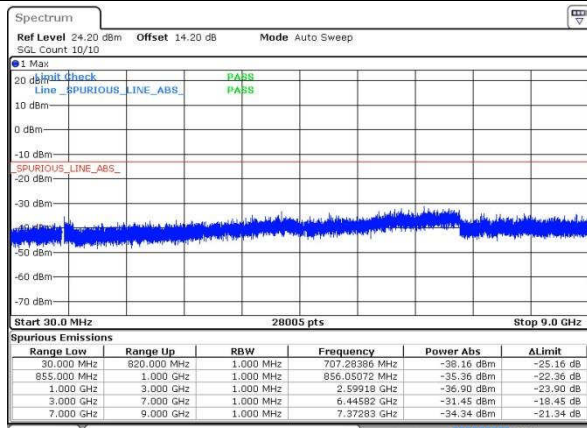
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Middle Channel



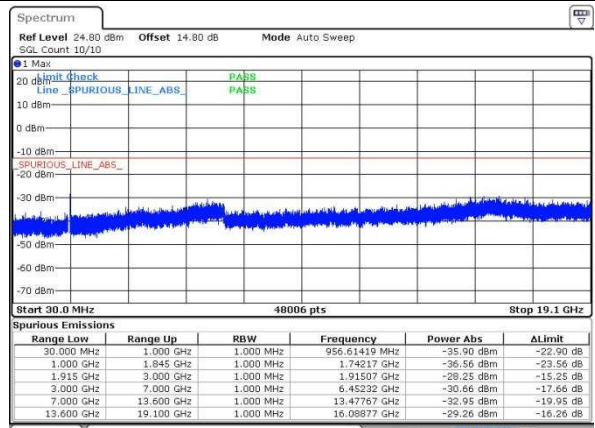
Date: 24 FEB 2016 09:22:40

Highest Channel



Date: 24 FEB 2016 09:49:24

Highest Channel



Date: 24 FEB 2016 09:23:55

**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	0.0538	0.0442	PASS
40	Normal Voltage	0.0084	0.0096	
30	Normal Voltage	0.0478	0.0538	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0430	0.0084	
0	Normal Voltage	0.0383	0.0072	
-10	Normal Voltage	0.0120	0.0048	
-20	Normal Voltage	0.0084	0.0622	
-30	Normal Voltage	0.0478	0.0155	
20	Maximum Voltage	0.0538	0.0598	
20	Normal Voltage	0.0048	0.0143	
20	Battery End Point	0.0060	0.0132	

Note: Normal Voltage = 3.9V. ; Battery End Point (BEP) = 3.5 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	0.0218	0.0202	PASS
40	Normal Voltage	0.0021	0.0223	
30	Normal Voltage	0.0186	0.0016	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0181	0.0032	
0	Normal Voltage	0.0191	0.0239	
-10	Normal Voltage	0.0229	0.0250	
-20	Normal Voltage	0.0037	0.0037	
-30	Normal Voltage	0.0005	0.0037	
20	Maximum Voltage	0.0170	0.0186	
20	Normal Voltage	0.0021	0.0170	
20	Battery End Point	0.0032	0.0027	

Note:

1. Normal Voltage = 3.9V. ; Battery End Point (BEP) = 3.5 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	0.0359	PASS
40	Normal Voltage	0.0084	
30	Normal Voltage	0.0407	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0442	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0048	
-20	Normal Voltage	0.0060	
-30	Normal Voltage	0.0347	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0418	
20	Battery End Point	0.0179	

Note: Normal Voltage = 3.9V. ; Battery End Point (BEP) = 3.5 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	0.0064	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0037	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0160	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0165	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0048	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0043	
20	Battery End Point	0.0059	

Note:

1. Normal Voltage = 3.9V. ; Battery End Point (BEP) = 3.5 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	26.76	0.4742	19.64	0.0920
Middle		27.35	0.5437	20.79	0.1199
Highest		27.19	0.5241	21.21	0.1321
Lowest	GSM850 EDGE class 8	20.16	0.1037	13.02	0.0201
Middle		20.08	0.1017	13.56	0.0227
Highest		20.25	0.1060	14.26	0.0267
Lowest	WCDMA Band V RMC 12.2Kbps	18.17	0.0657	11.18	0.0131
Middle		17.96	0.0625	11.62	0.0145
Highest		17.99	0.0629	11.86	0.0153
Limit	ERP < 7W	Result		PASS	

Channel	Mode	Horizontal		Vertical	
		EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	GSM1900 GSM	31.19	1.3153	31.47	1.4043
Middle		31.50	1.4115	32.07	1.6103
Highest		30.80	1.2018	31.70	1.4807
Lowest	GSM1900 EDGE class 8	26.76	0.4744	26.90	0.4899
Middle		26.92	0.4922	27.51	0.5640
Highest		26.63	0.4601	27.47	0.5584
Lowest	WCDMA Band II RMC 12.2Kbps	24.16	0.2608	24.52	0.2829
Middle		24.42	0.2769	24.96	0.3136
Highest		24.50	0.2817	25.23	0.3334
Limit	EIRP < 2W	Result		PASS	

**Radiated Spurious Emission**

GSM850 (GSM) for Adapter 1 and USB Cable 1									
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	1674	-49.99	-13	-36.99	-51.49	-52.01	1.73	5.90	H
	2510	-52.59	-13	-39.59	-57.00	-55.13	2.11	6.80	H
	3345	-59.94	-13	-46.94	-65.02	-62.72	2.47	7.40	H
	1674	-49.45	-13	-36.45	-51.35	-51.47	1.73	5.90	V
	2510	-43.22	-13	-30.22	-49.16	-45.76	2.11	6.80	V
	3345	-60.47	-13	-47.47	-65.76	-63.25	2.47	7.40	V

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

GSM850 (EDGE class 8) for Adapter 1 and USB Cable 1									
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	-61.75	-13	-48.75	-61.83	-63.77	1.73	5.90	H
	2509	-59.03	-13	-46.03	-63.16	-61.57	2.11	6.80	H
	3345	-61.05	-13	-48.05	-66.13	-63.83	2.47	7.40	H
	1674	-58.12	-13	-45.12	-59.63	-60.14	1.73	5.90	V
	2508	-57.84	-13	-44.84	-63.33	-60.38	2.11	6.80	V
	3345	-60.08	-13	-47.08	-65.37	-62.86	2.47	7.40	V

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



GSM1900 (GSM) for Adapter 1 and USB Cable 1									
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	-57.20	-13	-44.20	-66.76	-62.20	2.60	7.60	H
	5640	-49.48	-13	-36.48	-63.47	-56.48	3.10	10.10	H
	7521	-50.24	-13	-37.24	-68.97	-56.40	5.77	11.93	H
	3759	-55.14	-13	-42.14	-65.66	-60.14	2.60	7.60	V
	5640	-51.22	-13	-38.22	-65.68	-58.22	3.10	10.10	V
	7521	-49.52	-13	-36.52	-67.44	-55.68	5.77	11.93	V

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

GSM1900 (EDGE class 8) for Adapter 1 and USB Cable 1									
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	3759	-57.20	-13	-44.20	-66.76	-62.20	2.60	7.60	H
	5640	-54.02	-13	-41.02	-68.01	-61.02	3.10	10.10	H
	7521	-50.12	-13	-37.12	-68.85	-56.28	5.77	11.93	H
	3760	-55.36	-13	-42.36	-65.88	-60.36	2.60	7.60	V
	5640	-53.54	-13	-40.54	-68	-60.54	3.10	10.10	V
	7521	-50.78	-13	-37.78	-68.7	-56.94	5.77	11.93	V

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



WCDMA Band V(RMC 12.2Kbps) for Adapter 1 and USB Cable 1									
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	-59.75	-13	-46.75	-59.98	-61.77	1.73	5.90	H
	2509	-58.26	-13	-45.26	-62.39	-60.80	2.11	6.80	H
	3345	-60.73	-13	-47.73	-65.81	-63.51	2.47	7.40	H
	1670	-55.55	-13	-42.55	-57.26	-57.57	1.73	5.90	V
	2508	-57.08	-13	-44.08	-62.57	-59.62	2.11	6.80	V
	3345	-59.77	-13	-46.77	-65.06	-62.55	2.47	7.40	V

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

WCDMA Band II(RMC 12.2Kbps) for Adapter 1 and USB Cable 1									
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	3759	-54.95	-13	-41.95	-64.51	-59.95	2.60	7.60	H
	5640	-52.94	-13	-39.94	-66.93	-59.94	3.10	10.10	H
	7521	-50.07	-13	-37.07	-68.80	-56.23	5.77	11.93	H
	3760	-55.55	-13	-42.55	-66.07	-60.55	2.60	7.60	V
	5640	-53.74	-13	-40.74	-68.2	-60.74	3.10	10.10	V
	7521	-51.67	-13	-38.67	-69.59	-57.83	5.77	11.93	V



GSM850 (GSM) for Adapter 2 and USB Cable 2									
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	1674	-44.58	-13	-31.58	-45.30	-46.60	1.73	5.90	H
	2510	-54.18	-13	-41.18	-58.31	-56.72	2.11	6.80	H
	3345	-60.68	-13	-47.68	-65.76	-63.46	2.47	7.40	H
	1674	-41.38	-13	-28.38	-43.48	-43.40	1.73	5.90	V
	2510	-49.27	-13	-36.27	-54.96	-51.81	2.11	6.80	V
	3345	-60.54	-13	-47.54	-65.83	-63.32	2.47	7.40	V

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

GSM1900 (GSM) for Adapter 2 and USB Cable 2									
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	3702	-48.60	-13	-35.60	-58.91	-53.60	2.60	7.60	H
	5550	-49.83	-13	-36.83	-63.82	-56.83	3.10	10.10	H
	7521	-50.60	-13	-37.60	-69.33	-56.76	5.77	11.93	H
	3702	-50.41	-13	-37.41	-61.09	-55.41	2.60	7.60	V
	5550	-43.01	-13	-30.01	-58.51	-50.01	3.10	10.10	V
	7521	-51.70	-13	-38.70	-69.62	-57.86	5.77	11.93	V