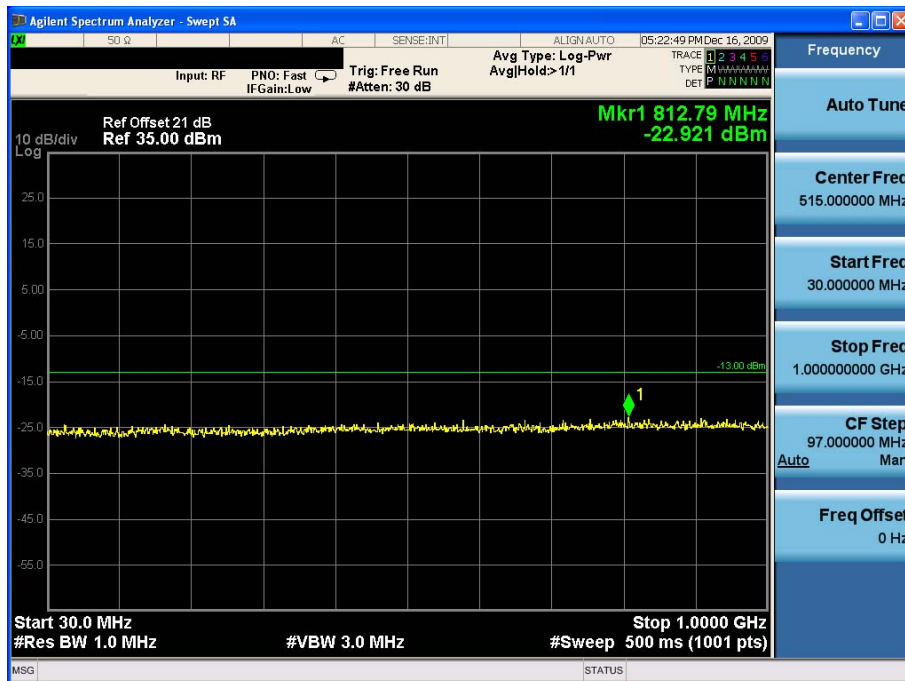
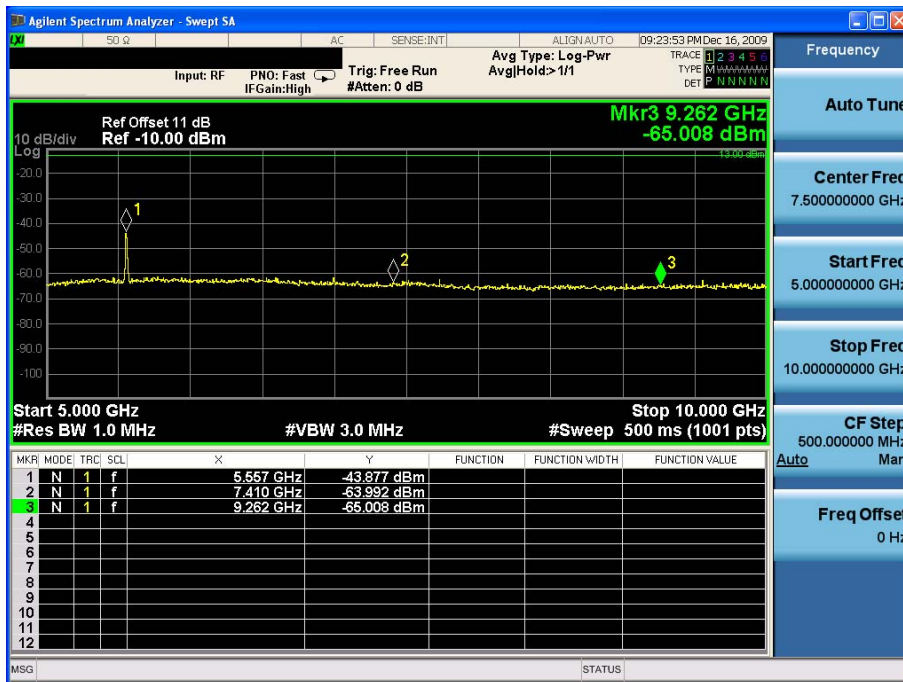
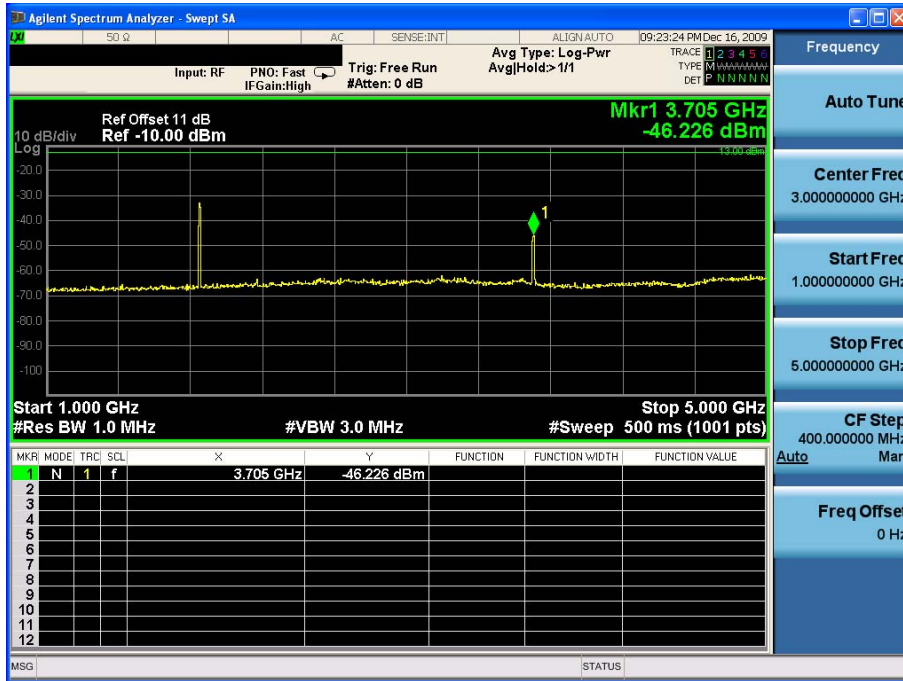


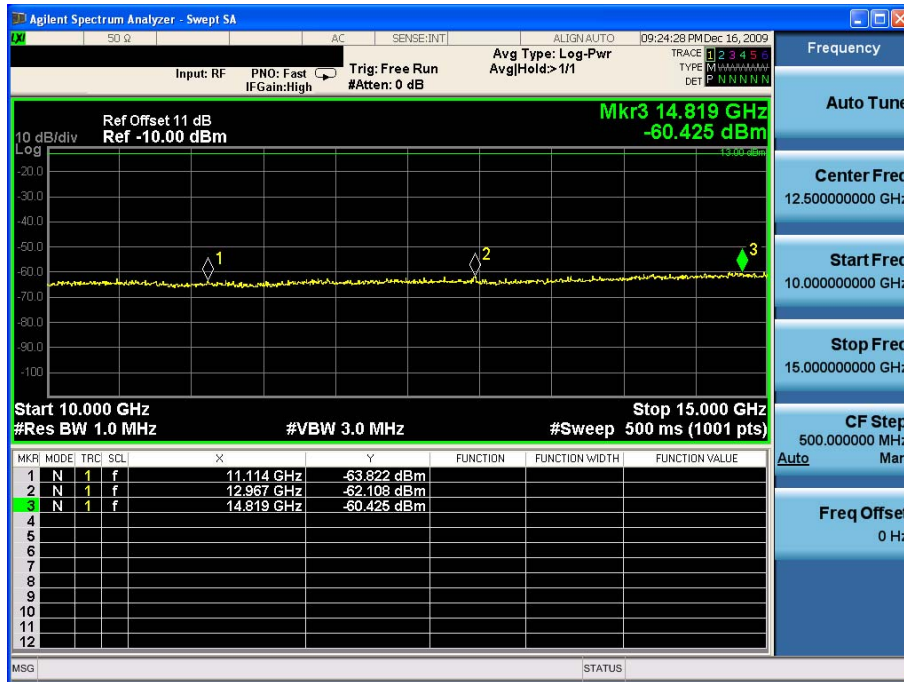
Product	Smart Handheld		
Test Mode	Spurious Emission (Conducted)		
Date of Test	2009/12/16	Test Site	CTR
Test Condition	WCDMA BAND II HSDPA	Test Range	30MHz~20GHz

WCDMA BAND II HSDPA Low-Channel 9262

Frequency (MHz)	Reading Level (dBm)	Path Loss (dB)	Emission Level (dBm)	Limit (dBm)
3760	-46.226	1.1	-45.126	-13
5640	-43.877	1.23	-42.647	-13
7520	-63.992	1.59	-62.402	-13
9400	-65.008	1.89	-63.118	-13
11280	-63.822	2.07	-61.752	-13
13160	-62.108	2.26	-59.848	-13
15040	-60.425	2.64	-57.785	-13
16920	-60.892	3.5	-57.392	-13
18800	-59.872	3.7	-56.172	-13



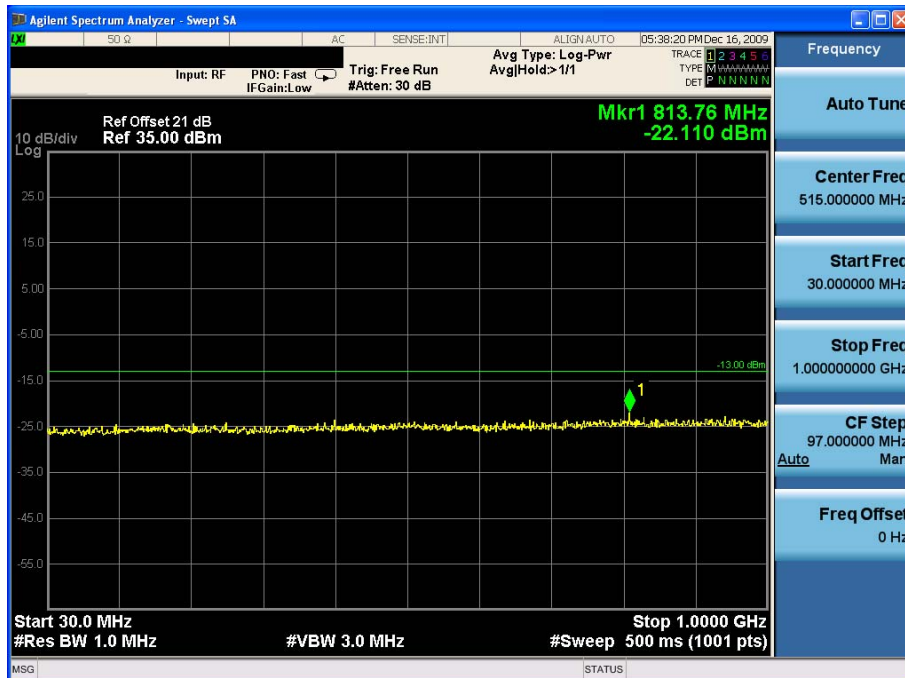


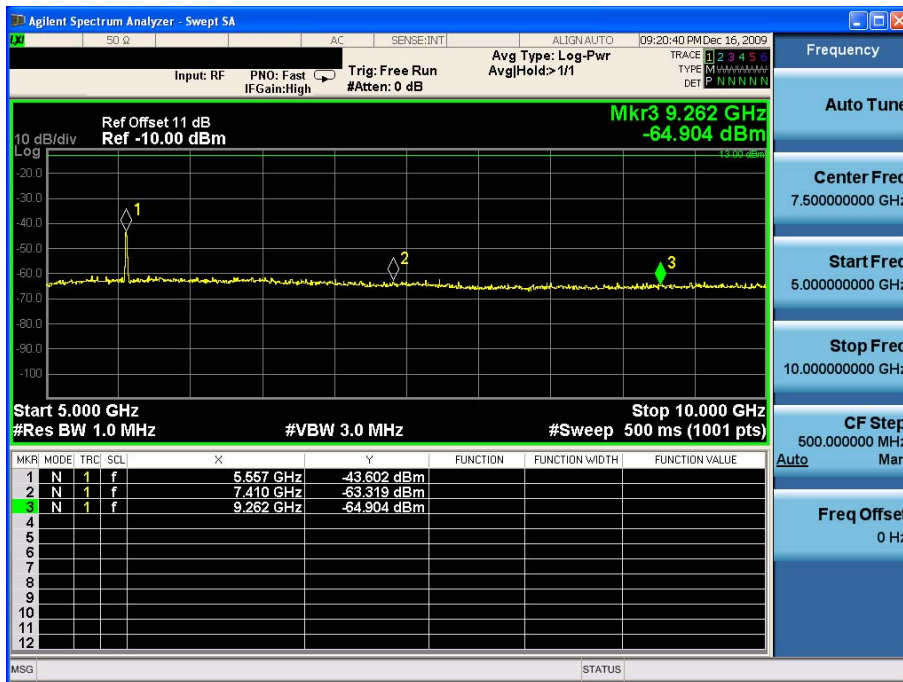
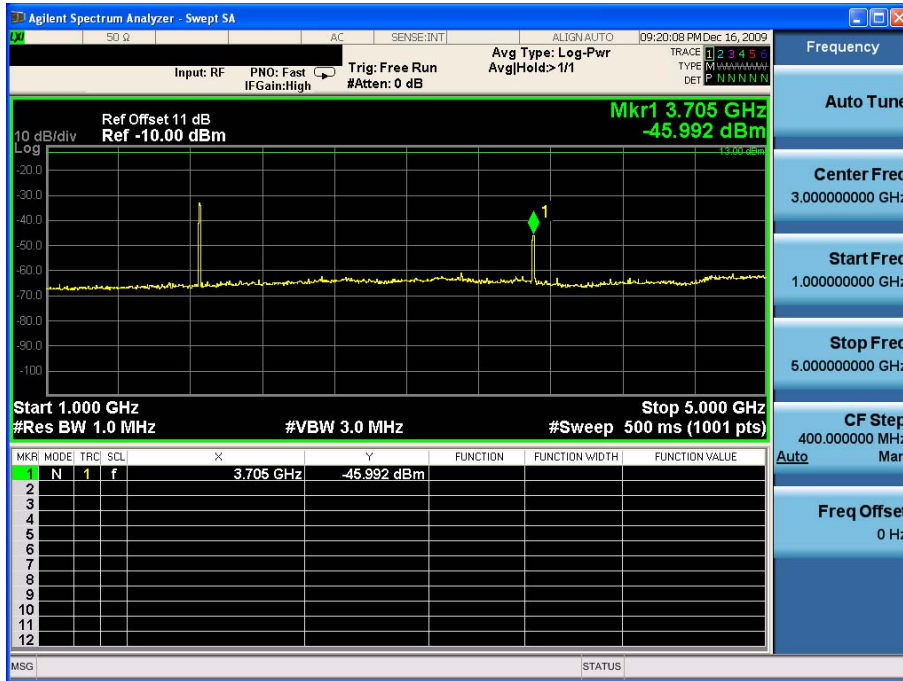


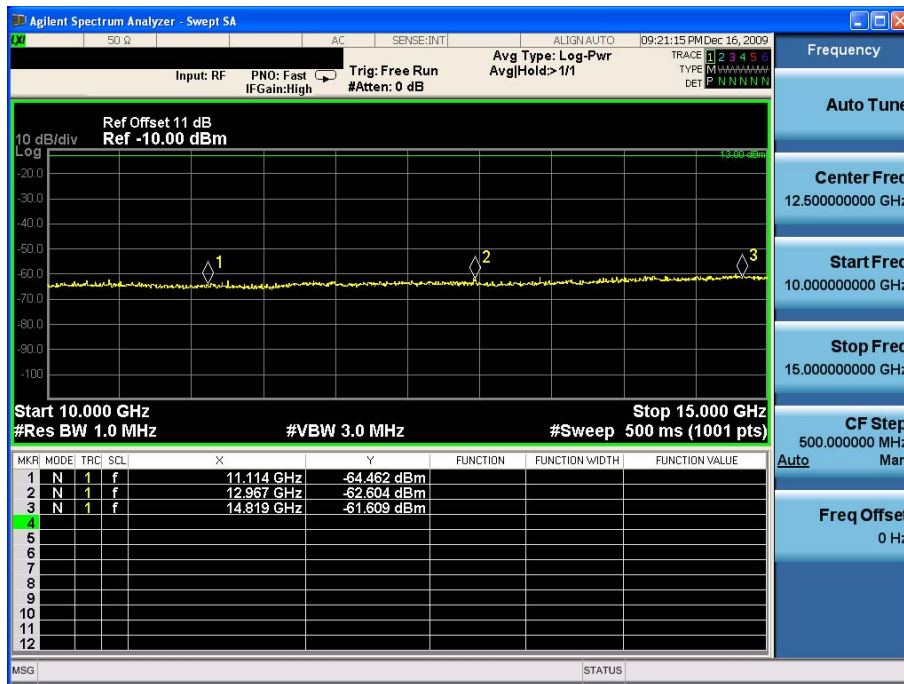
Product	Smart Handheld		
Test Mode	Spurious Emission (Conducted)		
Date of Test	2009/12/16	Test Site	CTR
Test Condition	WCDMA BAND II HSUPA	Test Range	30MHz~20GHz

WCDMA BAND II HSUPA Low-Channel 9262

Frequency (MHz)	Reading Level (dBm)	Path Loss (dB)	Emission Level (dBm)	Limit (dBm)
3704.8	-45.992	1.1	-44.892	-13
5557.2	-43.602	1.23	-42.372	-13
7409.6	-63.319	1.59	-61.729	-13
9262	-64.904	1.89	-63.014	-13
11114.4	-64.462	2.07	-62.392	-13
12966.8	-62.604	2.26	-60.344	-13
14819.2	-61.609	2.64	-58.969	-13
16671.6	-61.311	3.5	-57.811	-13
18524	-58.987	3.7	-55.287	-13







Product	Smart Handheld		
Test Mode	Spurious Emission (Radiated)		
Date of Test	2009/12/24	Test Site	OATS 5
Test Condition	Channel 128 (GSM 850)	Test Range	30MHz~10GHz

Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)

Horizontal Emissions

1648.4	-29.794	-40.188	1.630	8.69	-33.128	-13
2472.6	-42.330	-50.974	2.100	9.85	-43.224	-13
3296.8	-51.071	-58.528	2.350	9.88	-50.998	-13
4121	-59.828	-66.160	2.700	10.24	-58.620	-13
4945.2	-59.592	-63.777	2.830	10.91	-55.697	-13
5769.4	-59.512	-61.888	3.200	11.42	-53.668	-13

Vertical Emissions

1648.4	-36.111	-44.992	1.630	8.69	-37.932	-13
2472.6	-42.979	-51.982	2.100	9.85	-44.232	-13
3296.8	-55.084	-61.514	2.350	9.88	-53.984	-13
4121	-59.939	-65.724	2.700	10.24	-58.184	-13
4945.2	-60.389	-63.556	2.830	10.91	-55.476	-13
5769.4	-60.716	-62.263	3.200	11.42	-54.043	-13

Note:

1. Receiver setting (Peak Detector) : RBW:3MHz; VBW:3MHz
2. EIRP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 6 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Smart Handheld		
Test Mode	Spurious Emission (Radiated)		
Date of Test	2009/12/24	Test Site	OATS 5
Test Condition	Channel 128 (GSM 850 GPRS)	Test Range	30MHz~10GHz

Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)

Horizontal Emissions

1648.4	-30.046	-40.440	1.630	8.69	-33.380	-13
2472.6	-44.068	-52.712	2.100	9.85	-44.962	-13
3296.8	-53.531	-60.985	2.350	9.88	-53.455	-13
4121	-59.881	-66.213	2.700	10.24	-58.673	-13
4945.2	-60.269	-64.454	2.830	10.91	-56.374	-13
5769.4	-60.742	-63.118	3.200	11.42	-54.898	-13

Vertical Emissions

1648.4	-37.476	-46.357	1.630	8.69	-39.297	-13
2472.6	-43.995	-52.998	2.100	9.85	-45.248	-13
3296.8	-55.562	-61.992	2.350	9.88	-54.462	-13
4121	-60.358	-66.089	2.700	10.24	-58.549	-13
4945.2	-60.618	-63.785	2.830	10.91	-55.705	-13
5769.4	-59.006	-60.553	3.200	11.42	-52.333	-13

Note:

1. Receiver setting (Peak Detector) : RBW:3MHz; VBW:3MHz
2. EIRP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 6 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Smart Handheld		
Test Mode	Spurious Emission (Radiated)		
Date of Test	2009/12/24	Test Site	OATS 5
Test Condition	Channel 128 (GSM 850 EGPRS)	Test Range	30MHz~10GHz

Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)

Horizontal Emissions

1648.4	-30.739	-41.133	1.630	8.69	-34.073	-13
2472.6	-46.510	-55.154	2.100	9.85	-47.404	-13
3296.8	-52.348	-59.802	2.350	9.88	-52.272	-13
4121	-58.228	-64.560	2.700	10.24	-57.020	-13
4945.2	-60.526	-64.711	2.830	10.91	-56.631	-13
5769.4	-60.784	-63.160	3.200	11.42	-54.940	-13

Vertical Emissions

1648.4	-39.002	-47.883	1.630	8.69	-40.823	-13
2472.6	-46.819	-55.822	2.100	9.85	-48.072	-13
3296.8	-55.944	-62.382	2.350	9.88	-54.852	-13
4121	-60.169	-65.954	2.700	10.24	-58.414	-13
4945.2	-60.445	-63.612	2.830	10.91	-55.532	-13
5769.4	-60.138	-61.685	3.200	11.42	-53.465	-13

Note:

1. Receiver setting (Peak Detector) : RBW:3MHz; VBW:3MHz
2. EIRP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 6 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Smart Handheld		
Test Mode	Spurious Emission (Radiated)		
Date of Test	2009/12/24	Test Site	OATS 5
Test Condition	Channel 512 (PCS1900)	Test Range	30MHz~20GHz

Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)

Horizontal Emissions

3700.4	-50.934	-57.643	2.530	10.00	-50.173	-13
5550.6	-47.719	-50.883	3.050	11.16	-42.773	-13
7400.8	-61.999	-62.390	3.650	11.68	-54.360	-13
9251	-62.022	-54.439	3.850	11.80	-46.489	-13
11101.2	-61.582	-55.164	4.580	12.08	-47.664	-13

Vertical Emissions

3700.4	-47.719	-54.268	2.530	10.00	-46.798	-13
5550.6	-51.580	-53.434	3.050	11.16	-45.324	-13
7400.8	-62.690	-62.438	3.650	11.68	-54.408	-13
9251	-58.980	-50.525	3.850	11.80	-42.575	-13
11101.2	-61.916	-54.785	4.580	12.08	-47.285	-13

Note:

1. Receiver setting (Peak Detector) : RBW:3MHz; VBW:3MHz
2. EIRP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 12GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Smart Handheld		
Test Mode	Spurious Emission (Radiated)		
Date of Test	2009/12/24	Test Site	OATS 5
Test Condition	Channel 661 (PCS1900 GPRS)	Test Range	30MHz~20GHz

Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)

Horizontal Emissions

3700.4	-44.740	-51.447	2.530	10.00	-43.977	-13
5550.6	-54.379	-57.543	3.050	11.16	-49.433	-13
7400.8	-61.925	-62.316	3.650	11.68	-54.286	-13
9251	-61.688	-54.105	3.850	11.80	-46.155	-13
11101.2	-61.445	-55.027	4.580	12.08	-47.527	-13

Vertical Emissions

3700.4	-45.125	-51.674	2.530	10.00	-44.204	-13
5550.6	-56.238	-58.092	3.050	11.16	-49.982	-13
7400.8	-60.889	-60.637	3.650	11.68	-52.607	-13
9251	-60.585	-52.130	3.850	11.80	-44.180	-13
11101.2	-60.447	-53.316	4.580	12.08	-45.816	-13

Note:

1. Receiver setting (Peak Detector) : RBW:3MHz; VBW:3MHz
2. EIRP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 12GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Smart Handheld		
Test Mode	Spurious Emission (Radiated)		
Date of Test	2009/12/24	Test Site	OATS 5
Test Condition	Channel 661 (PCS1900 EGPRS)	Test Range	30MHz~20GHz

Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)

Horizontal Emissions

3700.4	-51.323	-58.030	2.530	10.00	-50.560	-13
5550.6	-57.861	-61.025	3.050	11.16	-52.915	-13
7400.8	-61.865	-62.256	3.650	11.68	-54.226	-13
9251	-61.371	-54.102	3.850	11.80	-46.152	-13
11101.2	-61.962	-55.544	4.580	12.08	-48.044	-13

Vertical Emissions

3700.4	-51.008	-57.557	2.530	10.00	-50.087	-13
5550.6	-56.099	-57.953	3.050	11.16	-49.843	-13
7400.8	-62.393	-62.141	3.650	11.68	-54.111	-13
9251	-61.302	-53.461	3.850	11.80	-45.511	-13
11101.2	-61.812	-54.681	4.580	12.08	-47.181	-13

Note:

1. Receiver setting (Peak Detector) : RBW:3MHz; VBW:3MHz
2. EIRP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 12GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Smart Handheld		
Test Mode	Spurious Emission (Radiated)		
Date of Test	2009/12/24	Test Site	OATS 5
Test Condition	Channel 4233 (WCDMA BAND V)	Test Range	30MHz~10GHz

Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)

Horizontal Emissions

1693.2	-40.145	-50.680	1.630	8.72	-43.590	-13
2539.8	-47.925	-56.142	2.100	9.88	-48.362	-13
3386.4	-55.551	-63.275	2.350	9.93	-55.695	-13
4233	-60.257	-66.402	2.700	10.47	-58.632	-13
5079.6	-60.374	-64.206	2.830	10.93	-56.106	-13
5926.2	-60.901	-62.669	3.200	11.61	-54.259	-13

Vertical Emissions

1693.2	-47.233	-56.418	1.630	8.72	-49.328	-13
2539.8	-52.964	-61.067	2.100	9.88	-53.287	-13
3386.4	-58.167	-64.515	2.350	9.93	-56.935	-13
4233	-60.276	-65.638	2.700	10.47	-57.868	-13
5079.6	-60.397	-63.038	2.830	10.93	-54.938	-13
5926.2	-60.458	-61.684	3.200	11.61	-53.274	-13

Note:

1. Receiver setting (Peak Detector) : RBW:3MHz; VBW:3MHz
2. EIRP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 6 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Smart Handheld		
Test Mode	Spurious Emission (Radiated)		
Date of Test	2009/12/24	Test Site	OATS 5
Test Condition	Channel 4233 (WCDMA BAND V HSDPA)	Test Range	30MHz~10GHz

Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)

Horizontal Emissions

1693.2	-38.196	-48.731	1.630	8.72	-41.641	-13
2539.8	-50.538	-58.755	2.100	9.88	-50.975	-13
3386.4	-58.928	-66.646	2.350	9.93	-59.066	-13
4233	-60.251	-66.396	2.700	10.47	-58.626	-13
5079.6	-59.974	-63.806	2.830	10.93	-55.706	-13
5926.2	-60.633	-62.401	3.200	11.61	-53.991	-13

Vertical Emissions

1693.2	-47.570	-56.726	1.630	8.72	-49.636	-13
2539.8	-52.600	-60.766	2.100	9.88	-52.986	-13
3386.4	-58.394	-64.742	2.350	9.93	-57.162	-13
4233	-59.866	-65.228	2.700	10.47	-57.458	-13
5079.6	-60.305	-62.946	2.830	10.93	-54.846	-13
5926.2	-61.043	-62.269	3.200	11.61	-53.859	-13

Note:

1. Receiver setting (Peak Detector) : RBW:3MHz; VBW:3MHz
2. EIRP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 6 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Smart Handheld		
Test Mode	Spurious Emission (Radiated)		
Date of Test	2009/12/24	Test Site	OATS 5
Test Condition	Channel 4233 (WCDMA BAND V HSUPA)	Test Range	30MHz~10GHz

Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)

Horizontal Emissions

1693.2	-35.881	-46.416	1.630	8.72	-39.326	-13
2539.8	-48.449	-56.666	2.100	9.88	-48.886	-13
3386.4	-57.874	-65.592	2.350	9.93	-58.012	-13
4233	-60.570	-66.715	2.700	10.47	-58.945	-13
5079.6	-60.236	-64.068	2.830	10.93	-55.968	-13
5926.2	-60.960	-62.728	3.200	11.61	-54.318	-13

Vertical Emissions

1693.2	-46.451	-55.629	1.630	8.72	-48.539	-13
2539.8	-50.510	-58.613	2.100	9.88	-50.833	-13
3386.4	-59.490	-65.838	2.350	9.93	-58.258	-13
4233	-59.881	-65.243	2.700	10.47	-57.473	-13
5079.6	-59.746	-62.387	2.830	10.93	-54.287	-13
5926.2	-60.676	-61.902	3.200	11.61	-53.492	-13

Note:

1. Receiver setting (Peak Detector) : RBW:3MHz; VBW:3MHz
2. EIRP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 6 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Smart Handheld		
Test Mode	Spurious Emission (Radiated)		
Date of Test	2009/12/24	Test Site	OATS 5
Test Condition	Channel 9262 (WCDMA BAND II)	Test Range	30MHz~20GHz

Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)

Horizontal Emissions

3704.8	-51.863	-58.592	2.530	10.00	-51.122	-13
5557.2	-55.389	-58.583	3.050	11.17	-50.463	-13
7409.6	-61.872	-62.215	3.650	11.67	-54.195	-13
9262	-61.996	-54.276	3.850	11.81	-46.316	-13
11114.4	-62.658	-56.313	4.580	12.06	-48.833	-13

Vertical Emissions

3704.8	-51.669	-58.255	2.530	10.00	-50.785	-13
5557.2	-58.934	-60.819	3.050	11.17	-52.699	-13
7409.6	-61.783	-61.509	3.650	11.67	-53.489	-13
9262	-62.913	-54.353	3.850	11.81	-46.393	-13
11114.4	-61.256	-54.229	4.580	12.06	-46.749	-13

Note:

1. Receiver setting (Peak Detector) : RBW:3MHz; VBW:3MHz
2. EIRP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 12GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Smart Handheld		
Test Mode	Spurious Emission (Radiated)		
Date of Test	2009/12/24	Test Site	OATS 5
Test Condition	Channel 9262 (WCDMA BAND II HSDPA)	Test Range	30MHz~20GHz

Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)

Horizontal Emissions

3704.8	-51.618	-58.347	2.530	10.00	-50.877	-13
5557.2	-59.066	-62.260	3.050	11.17	-54.140	-13
7409.6	-61.100	-61.443	3.650	11.67	-53.423	-13
9262	-62.405	-54.685	3.850	11.81	-46.725	-13
11114.4	-62.215	-55.870	4.580	12.06	-48.390	-13

Vertical Emissions

3704.8	-53.946	-60.514	2.530	10.00	-53.044	-13
5557.2	-59.853	-61.738	3.050	11.17	-53.618	-13
7409.6	-62.352	-62.078	3.650	11.67	-54.058	-13
9262	-63.213	-54.653	3.850	11.81	-46.693	-13
11114.4	-61.629	-54.602	4.580	12.06	-47.122	-13

Note:

1. Receiver setting (Peak Detector) : RBW:3MHz; VBW:3MHz
2. EIRP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 12GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Smart Handheld		
Test Mode	Spurious Emission (Radiated)		
Date of Test	2009/12/24	Test Site	OATS 5
Test Condition	Channel 9262 (WCDMA BAND II HSUPA)	Test Range	30MHz~20GHz

Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna Gain	EIRP Value	Limit
(GHz)	(dBm)	(dBm)	(dB)	(dBi)	(dBm)	(dBm)

Horizontal Emissions

3704.8	-51.978	-58.707	2.530	10.00	-51.237	-13
5557.2	-49.750	-52.944	3.050	11.17	-44.824	-13
7409.6	-61.395	-61.738	3.650	11.67	-53.718	-13
9262	-63.013	-55.293	3.850	11.81	-47.333	-13
11114.4	-62.058	-55.713	4.580	12.06	-48.233	-13

Vertical Emissions

3704.8	-53.499	-60.067	2.530	10.00	-52.597	-13
5557.2	-53.560	-55.445	3.050	11.17	-47.325	-13
7409.6	-60.590	-60.316	3.650	11.67	-52.296	-13
9262	-62.779	-54.219	3.850	11.81	-46.259	-13
11114.4	-61.985	-54.958	4.580	12.06	-47.478	-13

Note:

1. Receiver setting (Peak Detector) : RBW:3MHz; VBW:3MHz
2. EIRP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 12GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

6. Frequency Stability Under Temperature & Voltage Variations

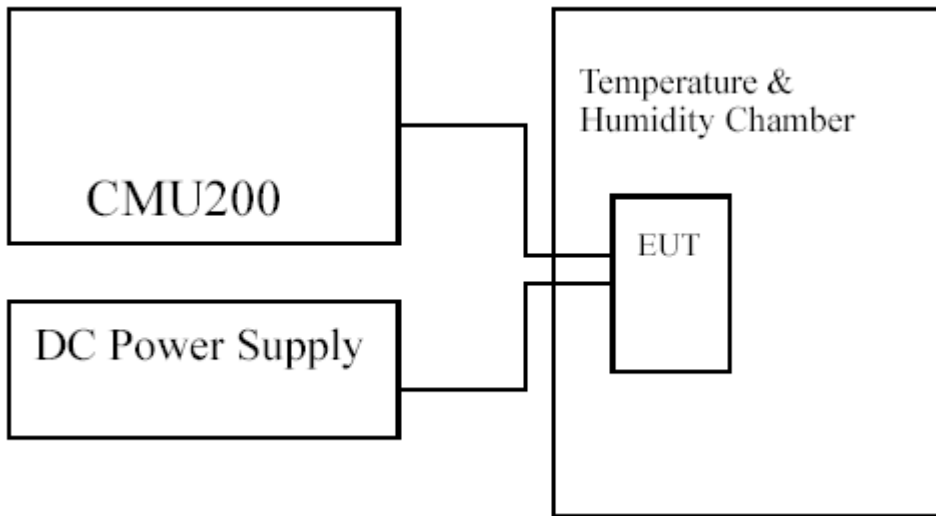
6.1. Test Equipment

The following test equipments are used during the frequency stability test:

Equipment	Manufacturer	Model No./Serial No.	Last Cal.
Universal Radio Communication Tester	R & S	CMU200 / 104846	May., 2009
Standard Temperature & Humidity Chamber	WIT	TH-1S-B / 108210	Aug., 2009
DC Power Supply	Topward	6303D / 670302	N/A

Note: All equipments upon which need to be calibrated are with calibration period of 1 year

6.2. Test Setup



6.3. Limits

Limit	<±2.5ppm
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6.4. Test Procedure

The frequency stability of transmitter is measured by:

- (a) Temperature: The temperature is varied from -30°C to 50°C in 10°C increment using a standard temperature & Humidity chamber.
- (b) Primary Supply Voltage: The primary supply voltage is varied 85% to 115% of the nominal value for non hand-carried equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating endpoint which shall be specified by the manufacturer.

The EUT was connected via the base station simulator. Universal Radio Communication Tester, (CMU200), was used to measure The Frequency Error. The maximum result of measurements was recorded.

6.5. Test Specification

According to Part 2.1055,22.355,24.235

6.6. Test Result of Frequency Stability Under Temperature Variations

Product	Smart Handheld		
Test Mode	Frequency Stability Under Temperature Variations & Voltage Variations		
Date of Test	2009/12/30	Test Site	CTR
Test Condition	GSM 850 / Channel 251	Test Range	-30°C ~+50°C

Temperature Interval(°C)	Test Frequency (GHz)	Deviation (Hz)	Limit (KHz)
-30	0.849	-32	±2.09
-20	0.849	-39	±2.09
-10	0.849	-56	±2.09
0	0.849	-39	±2.09
10	0.849	-36	±2.09
20	0.849	-42	±2.09
30	0.849	-46	±2.09
40	0.849	-40	±2.09
50	0.849	-34	±2.09

Voltage Variations

DC Voltage (V)	Test Frequency (GHz)	Deviation (Hz)	Limit (KHz)
4.2	0.849	-44	±2.09
3.7	0.849	-42	±2.09
3.6	0.849	-43	±2.09

Product	Smart Handheld		
Test Mode	Frequency Stability Under Temperature Variations & Voltage Variations		
Date of Test	2009/12/30	Test Site	CTR
Test Condition	GSM 850 GPRS / Channel 251	Test Range	-30°C ~+50°C

Temperature Interval(°C)	Test Frequency (GHz)	Deviation (Hz)	Limit (KHz)
-30	0.849	-19	±2.09
-20	0.849	-22	±2.09
-10	0.849	-25	±2.09
0	0.849	-40	±2.09
10	0.849	-37	±2.09
20	0.849	-30	±2.09
30	0.849	-42	±2.09
40	0.849	-31	±2.09
50	0.849	-40	±2.09

Voltage Variations

DC Voltage (V)	Test Frequency (GHz)	Deviation (Hz)	Limit (KHz)
4.2	0.849	-33	±2.09
3.7	0.849	-30	±2.09
3.6	0.849	-27	±2.09

Product	Smart Handheld		
Test Mode	Frequency Stability Under Temperature Variations & Voltage Variations		
Date of Test	2009/12/30	Test Site	CTR
Test Condition	GSM 850 EGPRS / Channel 251	Test Range	-30°C ~+50°C

Temperature Interval(°C)	Test Frequency (GHz)	Deviation (Hz)	Limit (KHz)
-30	0.849	-41	±2.09
-20	0.849	-39	±2.09
-10	0.849	-45	±2.09
0	0.849	-47	±2.09
10	0.849	-48	±2.09
20	0.849	-35	±2.09
30	0.849	-38	±2.09
40	0.849	-37	±2.09
50	0.849	-42	±2.09

Voltage Variations

DC Voltage (V)	Test Frequency (GHz)	Deviation (Hz)	Limit (KHz)
4.2	0.849	-29	±2.09
3.7	0.849	-35	±2.09
3.6	0.849	-31	±2.09

Product	Smart Handheld		
Test Mode	Frequency Stability Under Temperature Variations & Voltage Variations		
Date of Test	2009/12/30	Test Site	CTR
Test Condition	PCS 1900 / Channel 661	Test Range	-30°C ~+50°C

Temperature Interval(°C)	Test Frequency (GHz)	Deviation (Hz)	Limit (KHz)
-30	1.88	-68	±4.7
-20	1.88	-72	±4.7
-10	1.88	-76	±4.7
0	1.88	-98	±4.7
10	1.88	-68	±4.7
20	1.88	-85	±4.7
30	1.88	-89	±4.7
40	1.88	-118	±4.7
50	1.88	-95	±4.7

Voltage Variations

DC Voltage (V)	Test Frequency (GHz)	Deviation (Hz)	Limit (KHz)
4.2	1.88	-69	±4.7
3.7	1.88	-85	±4.7
3.6	1.88	-79	±4.7

Product	Smart Handheld		
Test Mode	Frequency Stability Under Temperature Variations & Voltage Variations		
Date of Test	2009/12/30	Test Site	CTR
Test Condition	PCS 1900 GPRS / Channel 661	Test Range	-30°C ~+50°C

Temperature Interval(°C)	Test Frequency (GHz)	Deviation (Hz)	Limit (KHz)
-30	1.88	-68	±4.7
-20	1.88	-69	±4.7
-10	1.88	-52	±4.7
0	1.88	-104	±4.7
10	1.88	-81	±4.7
20	1.88	-98	±4.7
30	1.88	-86	±4.7
40	1.88	-100	±4.7
50	1.88	-71	±4.7

Voltage Variations

DC Voltage (V)	Test Frequency (GHz)	Deviation (Hz)	Limit (KHz)
4.2	1.88	-84	±4.7
3.7	1.88	-98	±4.7
3.6	1.88	-103	±4.7

Product	Smart Handheld		
Test Mode	Frequency Stability Under Temperature Variations & Voltage Variations		
Date of Test	2009/12/30	Test Site	CTR
Test Condition	PCS 1900 EGPRS / Channel 661	Test Range	-30°C ~+50°C

Temperature Interval(°C)	Test Frequency (GHz)	Deviation (Hz)	Limit (KHz)
-30	1.88	-73	±4.7
-20	1.88	-65	±4.7
-10	1.88	-69	±4.7
0	1.88	-90	±4.7
10	1.88	-121	±4.7
20	1.88	-79	±4.7
30	1.88	-75	±4.7
40	1.88	-94	±4.7
50	1.88	-81	±4.7

Voltage Variations

DC Voltage (V)	Test Frequency (GHz)	Deviation (Hz)	Limit (KHz)
4.2	1.88	-75	±4.7
3.7	1.88	-79	±4.7
3.6	1.88	-89	±4.7

Product	Smart Handheld		
Test Mode	Frequency Stability Under Temperature Variations & Voltage Variations		
Date of Test	2009/12/31	Test Site	CTR
Test Condition	WCDMA BAND V / Channel 4132	Test Range	-30°C ~+50°C

Temperature Interval(°C)	Test Frequency (GHz)	Deviation (Hz)	Limit (KHz)
-30	0.826	29	±2.09
-20	0.826	-36	±2.09
-10	0.826	-28	±2.09
0	0.826	-14	±2.09
10	0.826	16	±2.09
20	0.826	-23	±2.09
30	0.826	-27	±2.09
40	0.826	41	±2.09
50	0.826	38	±2.09

Voltage Variations

DC Voltage (V)	Test Frequency (GHz)	Deviation (Hz)	Limit (KHz)
4.2	0.826	19	±2.09
3.7	0.826	-23	±2.09
3.6	0.826	-24	±2.09

.Product	Smart Handheld		
Test Mode	Frequency Stability Under Temperature Variations & Voltage Variations		
Date of Test	2009/12/31	Test Site	CTR
Test Condition	WCDMA BAND V HSDPA / Channel 4132	Test Range	-30°C ~+50°C

Temperature Interval(°C)	Test Frequency (GHz)	Deviation (Hz)	Limit (KHz)
-30	0.826	-16	±2.09
-20	0.826	-27	±2.09
-10	0.826	-26	±2.09
0	0.826	-30	±2.09
10	0.826	-29	±2.09
20	0.826	-19	±2.09
30	0.826	-28	±2.09
40	0.826	-19	±2.09
50	0.826	-23	±2.09

Voltage Variations

DC Voltage (V)	Test Frequency (GHz)	Deviation (Hz)	Limit (KHz)
4.2	0.826	23	±2.09
3.7	0.826	-19	±2.09
3.6	0.826	15	±2.09

.Product	Smart Handheld		
Test Mode	Frequency Stability Under Temperature Variations & Voltage Variations		
Date of Test	2009/12/31	Test Site	CTR
Test Condition	WCDMA BAND V HSUPA / Channel 4132	Test Range	-30°C ~+50°C

Temperature Interval(°C)	Test Frequency (GHz)	Deviation (Hz)	Limit (KHz)
-30	0.826	-24	±2.09
-20	0.826	26	±2.09
-10	0.826	16	±2.09
0	0.826	24	±2.09
10	0.826	-22	±2.09
20	0.826	-25	±2.09
30	0.826	31	±2.09
40	0.826	39	±2.09
50	0.826	-44	±2.09

Voltage Variations

DC Voltage (V)	Test Frequency (GHz)	Deviation (Hz)	Limit (KHz)
4.2	0.826	-26	±2.09
3.7	0.826	-25	±2.09
3.6	0.826	-28	±2.09

Product	Smart Handheld		
Test Mode	Frequency Stability Under Temperature Variations & Voltage Variations		
Date of Test	2009/12/31	Test Site	CTR
Test Condition	WCDMA BAND II / Channel 9262	Test Range	-30°C ~ +50°C

Temperature Interval(°C)	Test Frequency (GHz)	Deviation (Hz)	Limit (KHz)
-30	1.852	39	±4.7
-20	1.852	60	±4.7
-10	1.852	-58	±4.7
0	1.852	26	±4.7
10	1.852	37	±4.7
20	1.852	33	±4.7
30	1.852	40	±4.7
40	1.852	48	±4.7
50	1.852	-55	±4.7

Voltage Variations

DC Voltage (V)	Test Frequency (GHz)	Deviation (Hz)	Limit (KHz)
4.2	1.852	32	±4.7
3.7	1.852	33	±4.7
3.6	1.852	-31	±4.7

.Product	Smart Handheld		
Test Mode	Frequency Stability Under Temperature Variations & Voltage Variations		
Date of Test	2009/12/31	Test Site	CTR
Test Condition	WCDMA BAND II HSDPA / Channel 9262	Test Range	-30°C ~+50°C

Temperature Interval(°C)	Test Frequency (GHz)	Deviation (Hz)	Limit (KHz)
-30	1.852	40	±4.7
-20	1.852	49	±4.7
-10	1.852	-50	±4.7
0	1.852	-44	±4.7
10	1.852	33	±4.7
20	1.852	34	±4.7
30	1.852	37	±4.7
40	1.852	31	±4.7
50	1.852	62	±4.7

Voltage Variations

DC Voltage (V)	Test Frequency (GHz)	Deviation (Hz)	Limit (KHz)
4.2	1.852	-39	±4.7
3.7	1.852	34	±4.7
3.6	1.852	-51	±4.7

.Product	Smart Handheld		
Test Mode	Frequency Stability Under Temperature Variations & Voltage Variations		
Date of Test	2009/12/31	Test Site	CTR
Test Condition	WCDMA BAND II HSUPA / Channel 9262	Test Range	-30°C ~+50°C

Temperature Interval(°C)	Test Frequency (GHz)	Deviation (Hz)	Limit (KHz)
-30	1.852	42	±4.7
-20	1.852	37	±4.7
-10	1.852	30	±4.7
0	1.852	-29	±4.7
10	1.852	-38	±4.7
20	1.852	-41	±4.7
30	1.852	-50	±4.7
40	1.852	39	±4.7
50	1.852	-53	±4.7

Voltage Variations

DC Voltage (V)	Test Frequency (GHz)	Deviation (Hz)	Limit (KHz)
4.2	1.852	32	±4.7
3.7	1.852	-41	±4.7
3.6	1.852	-46	±4.7

7. EMI Reduction Method During Compliance Testing

No modification was made during testing.