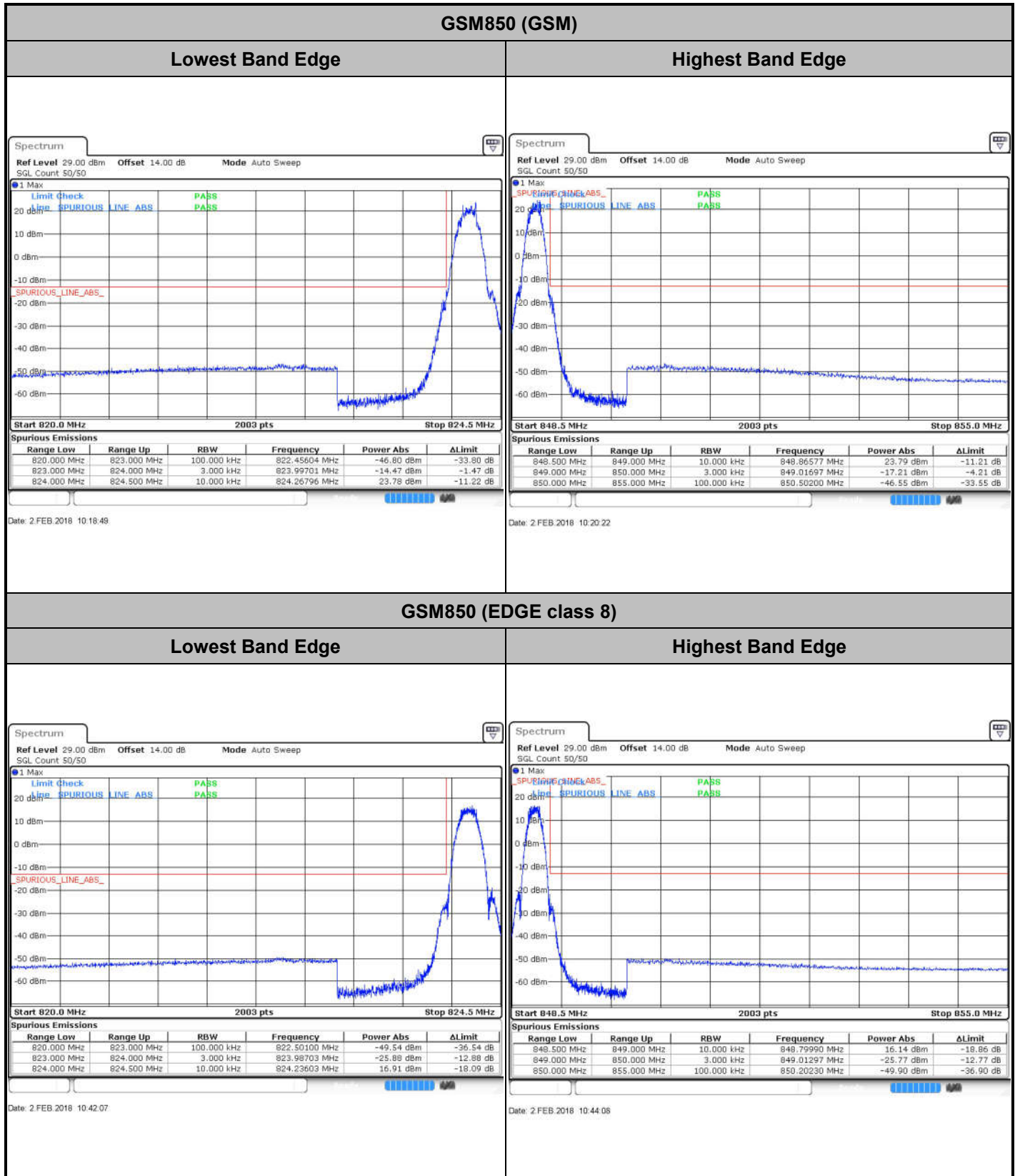
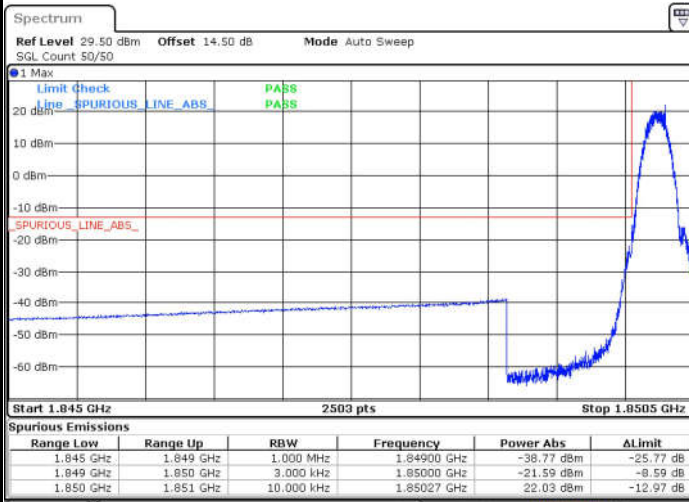


**Conducted Band Edge**

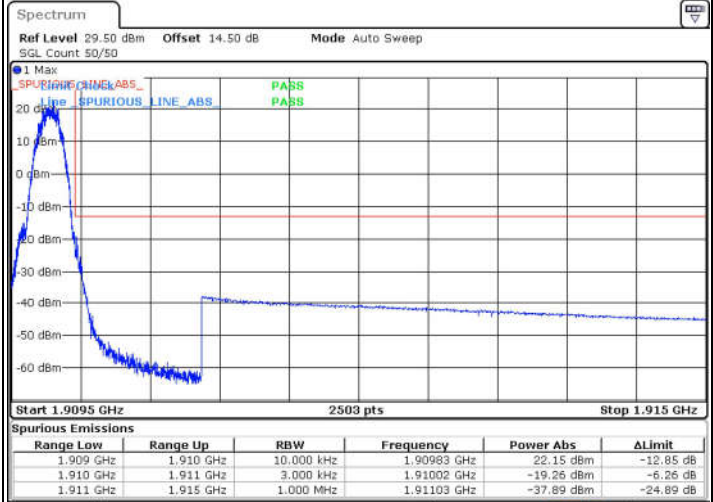


GSM1900 (GSM)

Lowest Band Edge

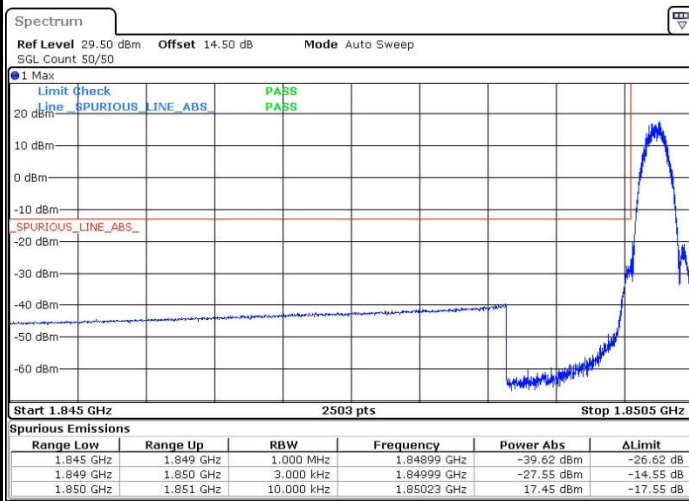


Highest Band Edge

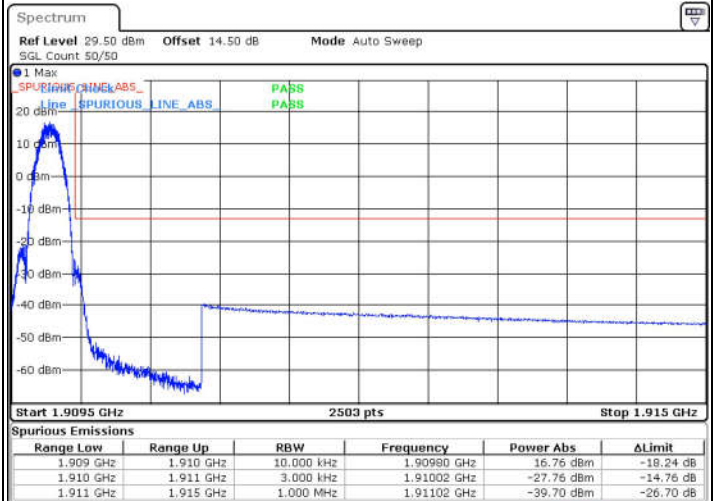


GSM1900 (EDGE class 8)

Lowest Band Edge



Highest Band Edge



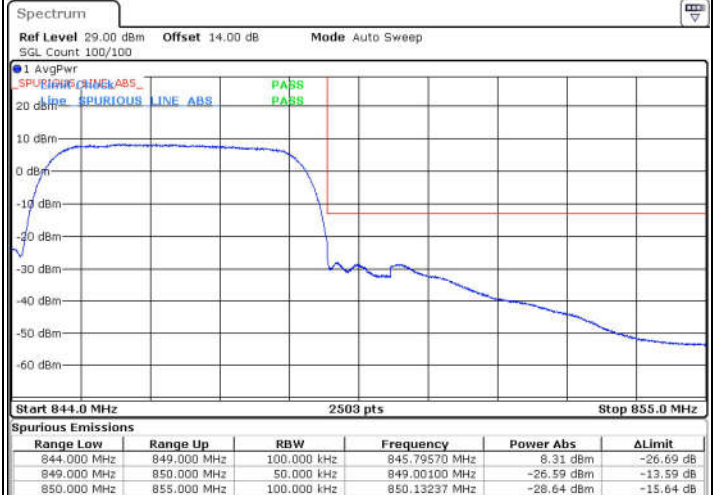


WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge



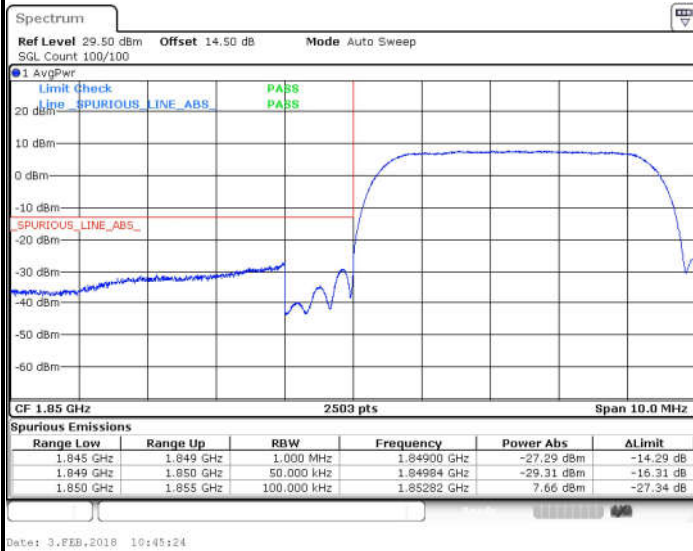
Highest Band Edge



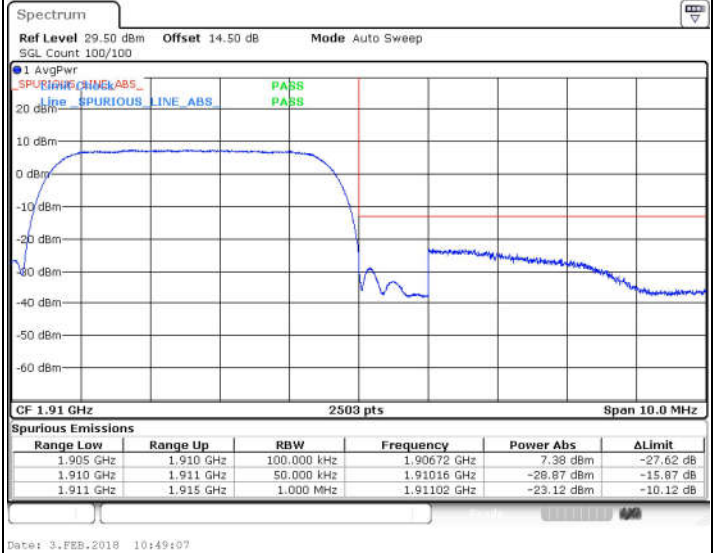


WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



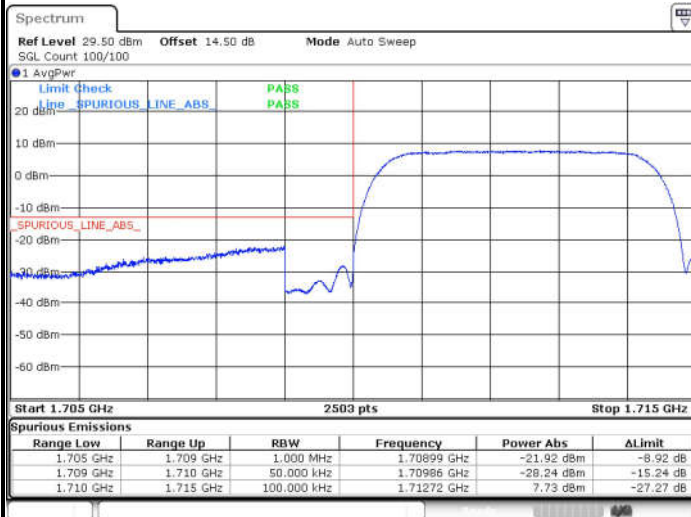
Highest Band Edge



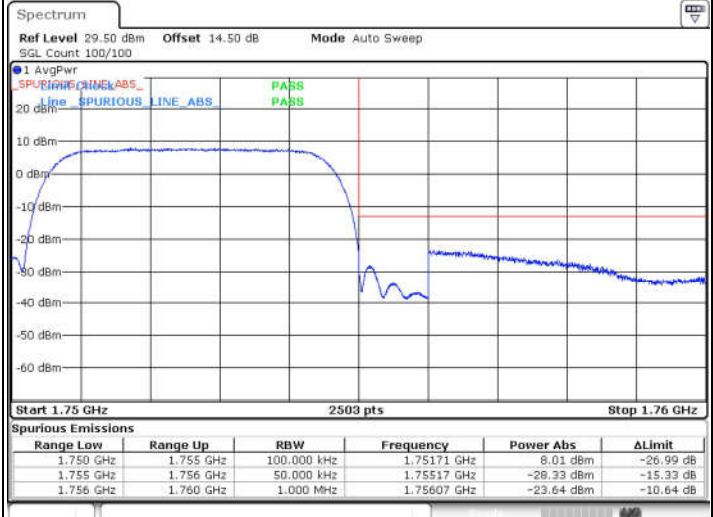


WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge



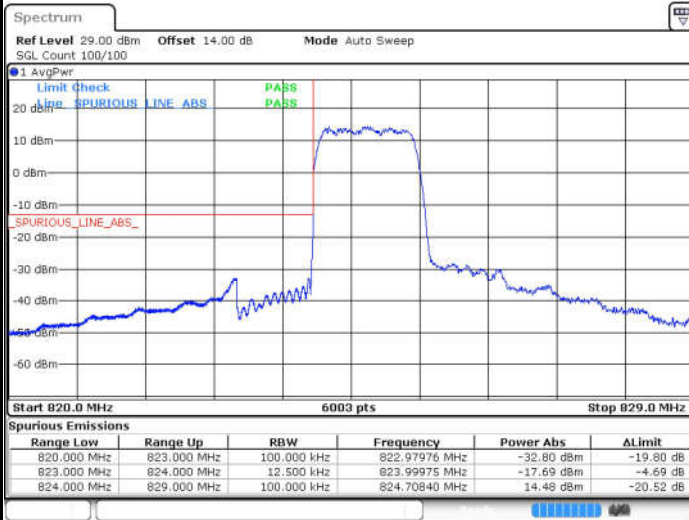
Highest Band Edge



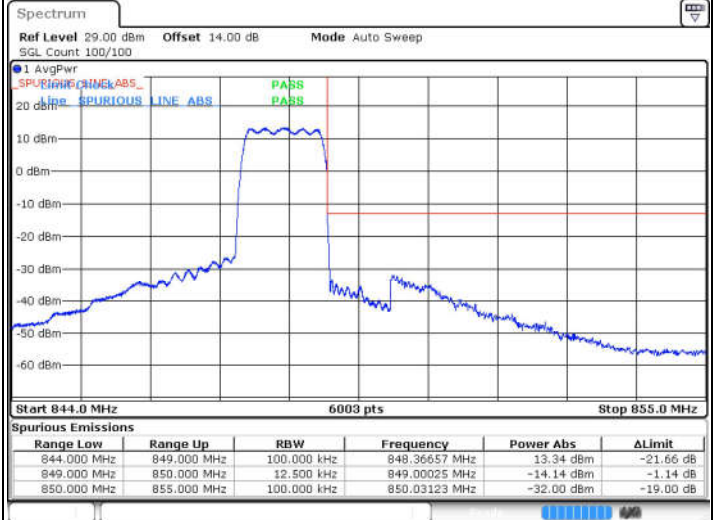


CDMA BC0 (1xRTT)

Lowest Band Edge

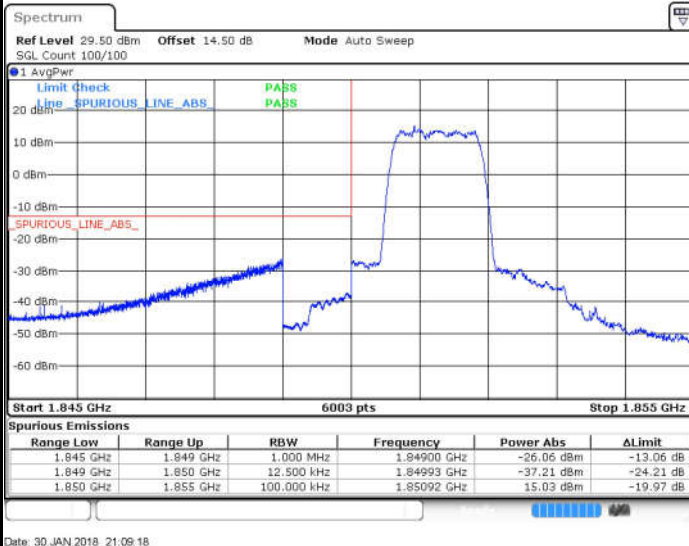


Highest Band Edge

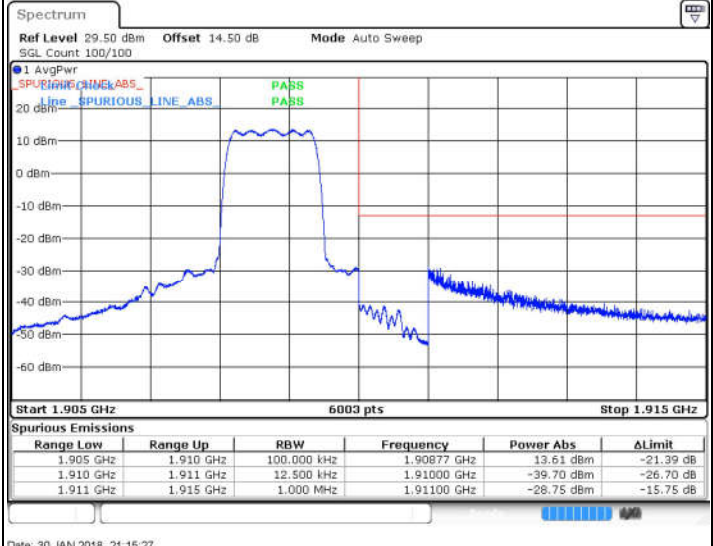


CDMA BC1 (1xRTT)

Lowest Band Edge

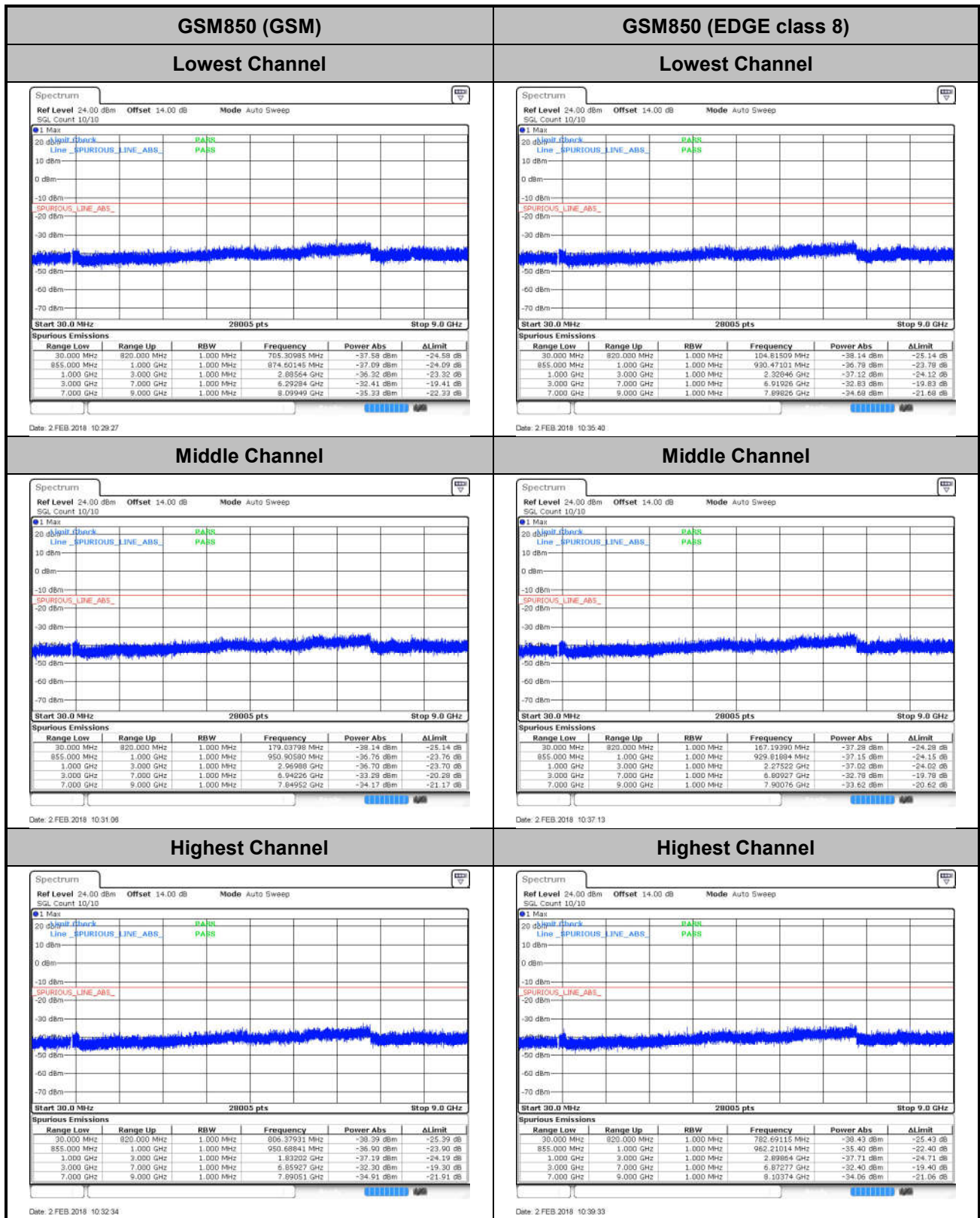


Highest Band Edge





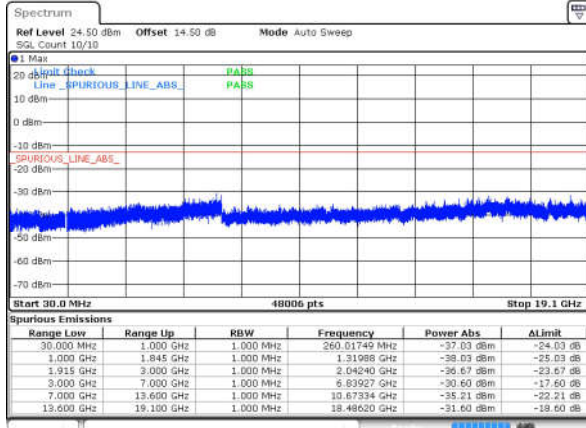
Conducted Spurious Emission





GSM1900 (GSM)

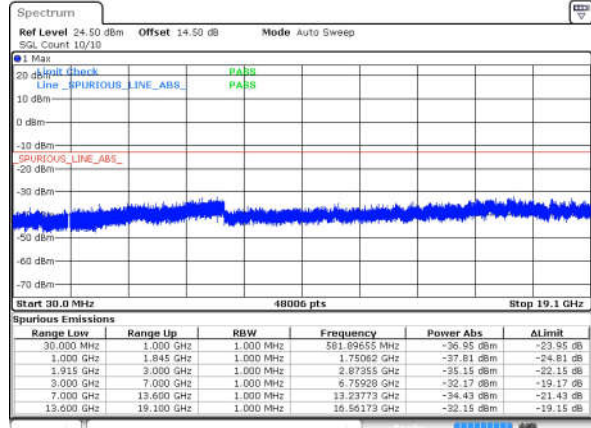
Lowest Channel



Date: 2 FEB 2018 11:22:09

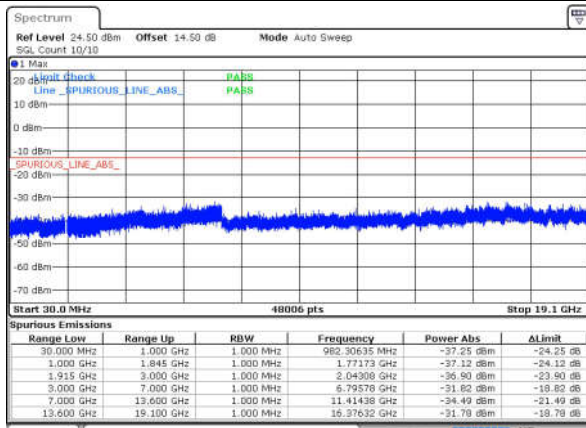
GSM1900 (EDGE class 8)

Lowest Channel

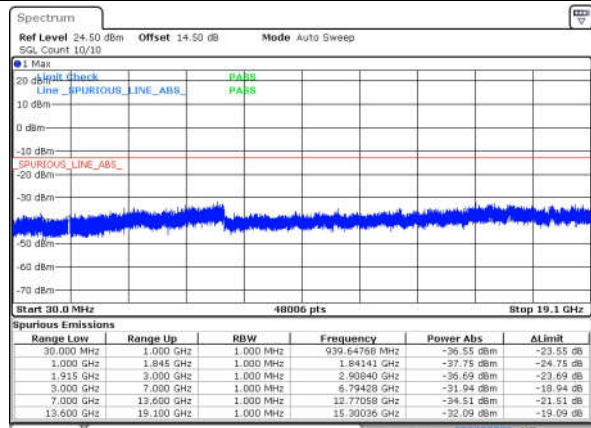


Date: 2 FEB 2018 11:29:27

Middle Channel

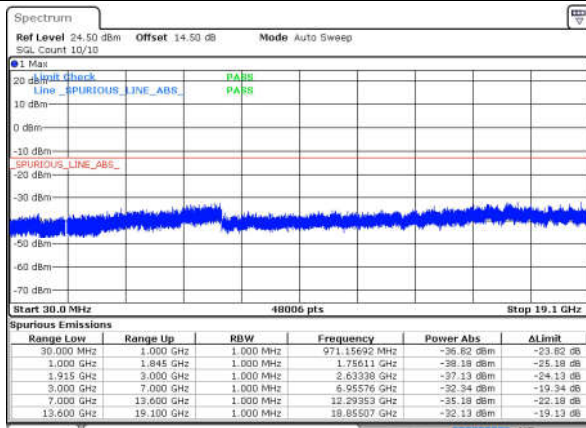


Date: 2 FEB 2018 11:23:31

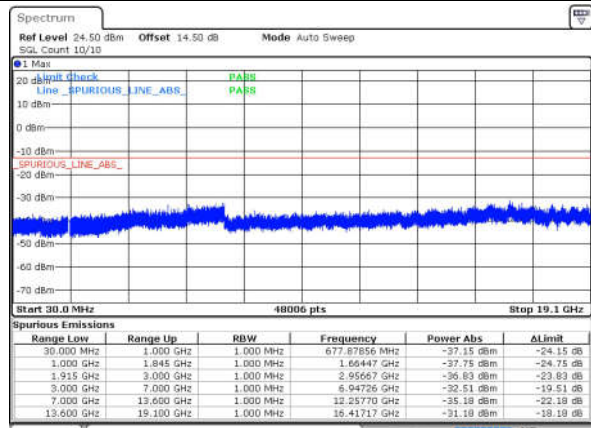


Date: 2 FEB 2018 11:30:53

Highest Channel



Date: 2 FEB 2018 11:25:08

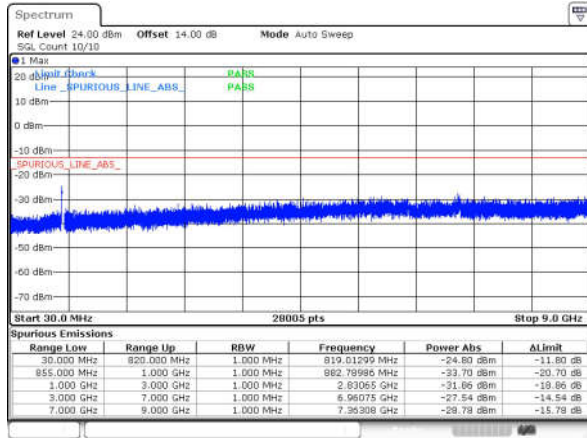


Date: 2 FEB 2018 11:32:14



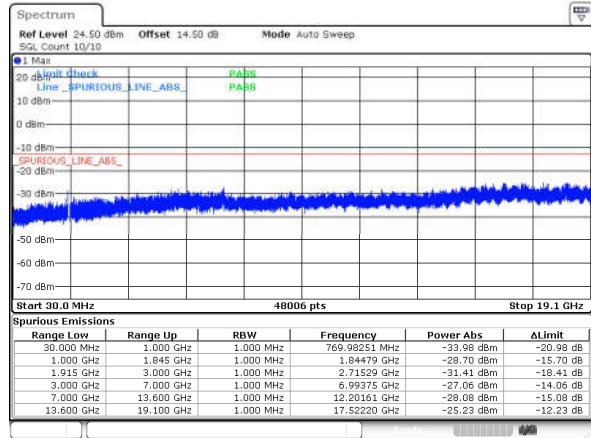
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

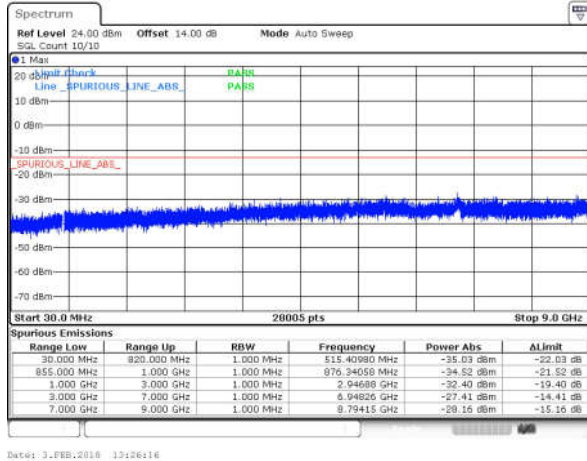


WCDMA Band II (RMC 12.2Kbps)

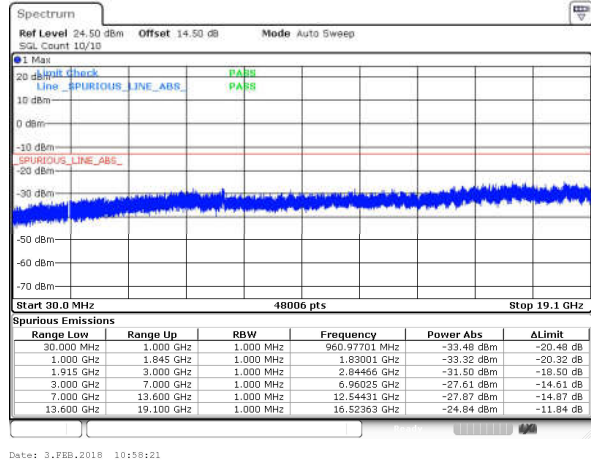
Lowest Channel



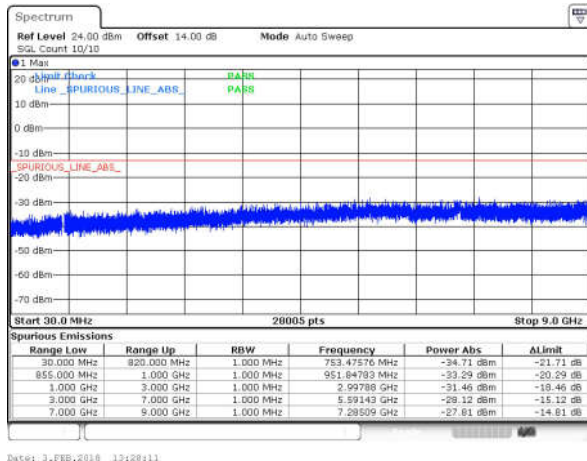
Middle Channel



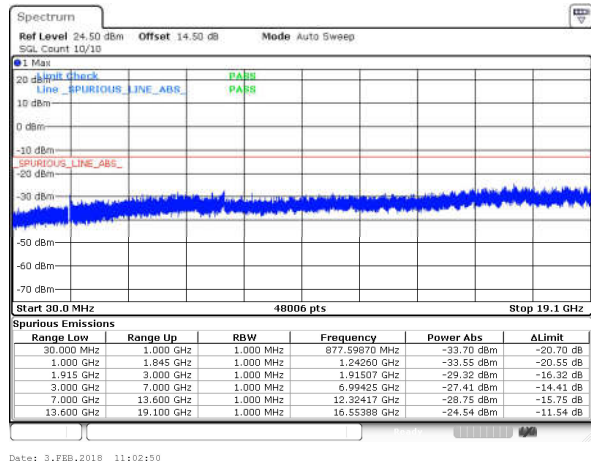
Middle Channel



Highest Channel



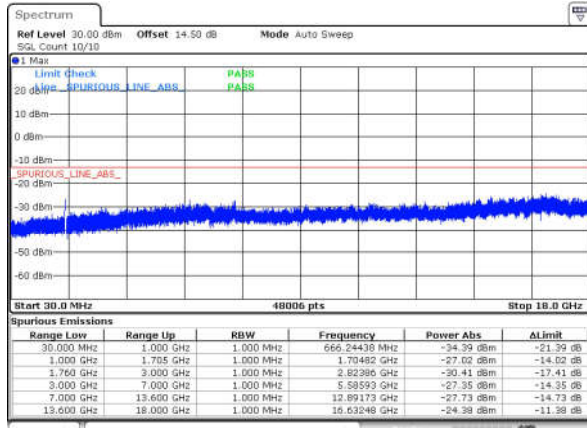
Highest Channel





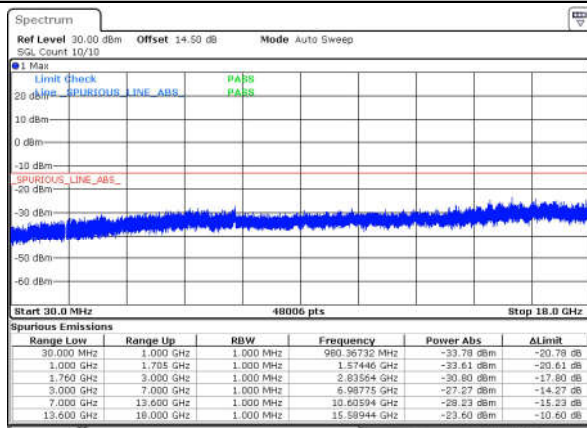
WCDMA Band IV (RMC 12.2Kbps)

Lowest Channel



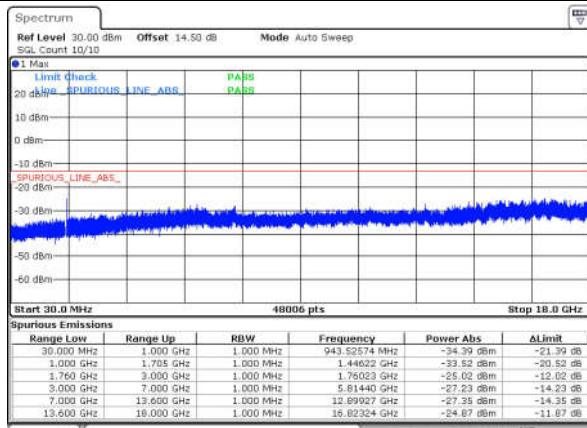
Date: 3.FEB.2018 12:55:36

Middle Channel



Date: 3.FEB.2018 12:57:15

Highest Channel

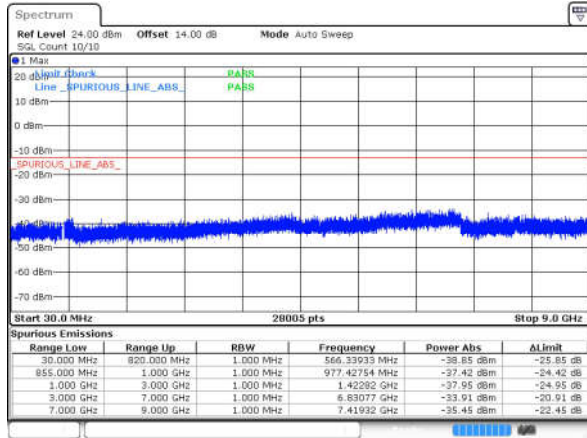


Date: 3.FEB.2018 13:08:02



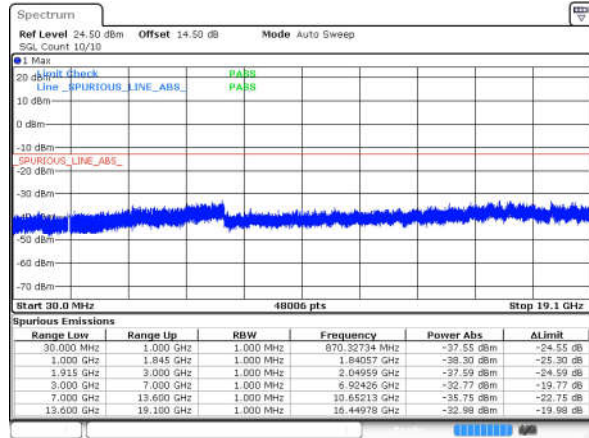
CDMA BC0 (1xRTT)

Lowest Channel

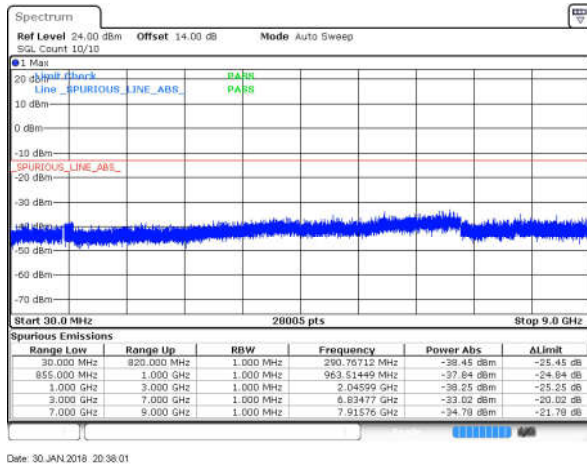


CDMA BC1 (1xRTT)

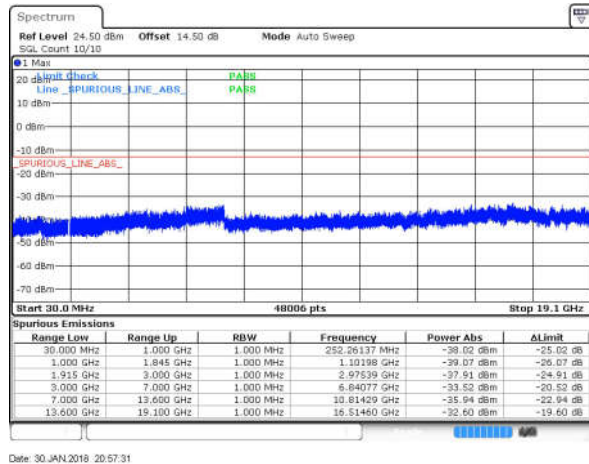
Lowest Channel



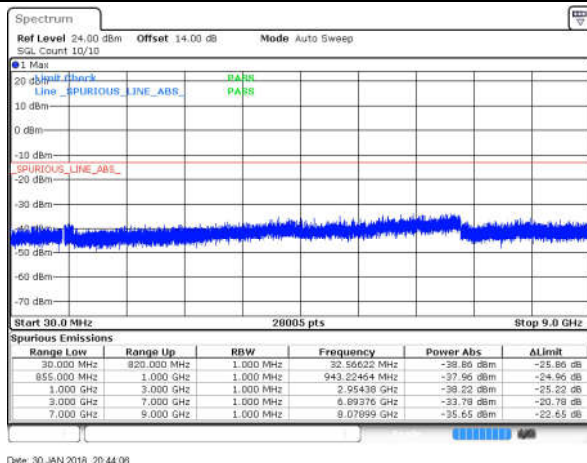
Middle Channel



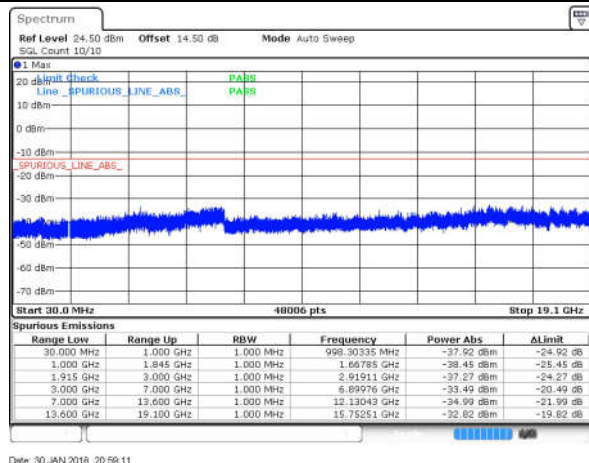
Middle Channel



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	0.0043	0.0037	PASS
40	Normal Voltage	0.0027	0.0048	
30	Normal Voltage	0.0207	0.0025	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0090	0.0022	
0	Normal Voltage	0.0050	0.0094	
-10	Normal Voltage	0.0182	0.0018	
-20	Normal Voltage	0.0000	0.0037	
-30	Normal Voltage	0.0012	0.0071	
20	Maximum Voltage	0.0094	0.0055	
20	Normal Voltage	0.0000	0.0000	
20	Battery End Point	0.0085	0.0108	

Note: Normal Voltage = 3.9V. : Battery End Point (BEP) = 3.8 V. : Maximum Voltage =4.2 V



Test Conditions	Middle Channel	GSM1900 (GSM)	GSM1900 (EDGE class 8)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)		Result
50	Normal Voltage	0.0021	0.0020	PASS
40	Normal Voltage	0.0009	0.0022	
30	Normal Voltage	0.0053	0.0010	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0065	0.0035	
0	Normal Voltage	0.0060	0.0007	
-10	Normal Voltage	0.0027	0.0044	
-20	Normal Voltage	0.0023	0.0041	
-30	Normal Voltage	0.0016	0.0012	
20	Maximum Voltage	0.0049	0.0002	
20	Normal Voltage	0.0000	0.0000	
20	Battery End Point	0.0028	0.0023	

Note:

1. Normal Voltage = 3.9V. ; Battery End Point (BEP) = 3.8 V. ; Maximum Voltage =4.2 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	0.0100	PASS
40	Normal Voltage	0.0061	
30	Normal Voltage	0.0066	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0164	
0	Normal Voltage	0.0111	
-10	Normal Voltage	0.0103	
-20	Normal Voltage	0.0124	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0039	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0087	

Note: Normal Voltage = 3.9V. : Battery End Point (BEP) = 3.8 V. : Maximum Voltage =4.2 V



Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0052	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0080	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0163	
0	Normal Voltage	0.0077	
-10	Normal Voltage	0.0059	
-20	Normal Voltage	0.0057	
-30	Normal Voltage	0.0056	
20	Maximum Voltage	0.0039	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0082	

Note:

1. Normal Voltage = 3.9V. ; Battery End Point (BEP) = 3.8 V. ; Maximum Voltage =4.2 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	0.0058	PASS
40	Normal Voltage	0.0068	
30	Normal Voltage	0.0054	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0029	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0034	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0038	

Note:

1. Normal Voltage = 3.9V. ; Battery End Point (BEP) = 3.8 V. ; Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions	Middle Channel	CDMA BC0 (1xRTT)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0323	PASS
40	Normal Voltage	0.0263	
30	Normal Voltage	0.0131	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0036	
-10	Normal Voltage	0.0048	
-20	Normal Voltage	0.0084	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0108	
20	Normal Voltage	0.0131	
20	Battery End Point	0.0056	

Note: Normal Voltage = 3.9V. : Battery End Point (BEP) = 3.8 V. : Maximum Voltage =4.2 V



Test Conditions	Middle Channel	CDMA BC1 (1xRTT)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0115	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0136	
-10	Normal Voltage	0.0146	
-20	Normal Voltage	0.0157	
-30	Normal Voltage	0.0195	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage = 3.9V. ; Battery End Point (BEP) = 3.8 V. ; Maximum Voltage =4.2 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

Radiated Spurious Emission

Top Antenna:

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	1648.4	-66.91	-13	-53.91	-72.47	-71.32	2.82	9.38	H
	2472.6	-43.96	-13	-30.96	-58.11	-48.71	3.68	10.58	H
	3296.8	-64.18	-13	-51.18	-78.94	-70.25	4.35	12.57	H
	1648.4	-61.93	-13	-48.93	-66.64	-66.34	2.82	9.38	V
	2472.6	-43.98	-13	-30.98	-57.36	-48.73	3.68	10.58	V
	3296.8	-65.25	-13	-52.25	-78.82	-71.32	4.35	12.57	V
Middle	1672.8	-67.58	-13	-54.58	-73.14	-71.99	2.84	9.40	H
	2509.2	-46.34	-13	-33.34	-59.36	-51.09	3.7	10.60	H
	3345.6	-64.68	-13	-51.68	-79.44	-70.76	4.37	12.60	H
	1672.8	-62.92	-13	-49.92	-67.63	-67.33	2.84	9.40	V
	2509.2	-45.30	-13	-32.30	-58.35	-50.05	3.70	10.60	V
	3345.6	-65.82	-13	-52.82	-79.39	-71.90	4.37	12.60	V
Highest	1697.6	-69.10	-13	-56.10	-74.66	-73.51	2.86	9.42	H
	2546.4	-56.35	-13	-43.35	-66.77	-61.09	3.74	10.63	H
	3395.2	-64.41	-13	-51.41	-79.17	-70.49	4.45	12.68	H
	1697.6	-66.07	-13	-53.07	-70.78	-70.48	2.86	9.42	V
	2546.4	-55.33	-13	-42.33	-65.16	-60.07	3.74	10.63	V
	3395.2	-65.59	-13	-52.59	-79.16	-71.67	4.45	12.68	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	1648.4	-66.89	-13	-53.89	-72.45	-71.30	2.82	9.38	H
	2472.6	-53.07	-13	-40.07	-63.49	-57.82	3.68	10.58	H
	3296.8	-64.19	-13	-51.19	-78.95	-70.26	4.35	12.57	H
	1648.4	-63.92	-13	-50.92	-68.63	-68.33	2.82	9.38	V
	2472.6	-47.18	-13	-34.18	-59.77	-51.93	3.68	10.58	V
	3296.8	-65.51	-13	-52.51	-79.08	-71.58	4.35	12.57	V
Middle	1672.8	-67.57	-13	-54.57	-73.13	-71.98	2.84	9.40	H
	2509.2	-53.71	-13	-40.71	-64.13	-58.46	3.7	10.60	H
	3345.6	-64.66	-13	-51.66	-79.42	-70.74	4.37	12.60	H
	1672.8	-65.26	-13	-52.26	-69.97	-69.67	2.84	9.40	V
	2509.2	-51.60	-13	-38.60	-62.29	-56.35	3.70	10.60	V
	3345.6	-66.05	-13	-53.05	-79.62	-72.13	4.37	12.60	V
Highest	1697.6	-69.60	-13	-56.60	-75.16	-74.01	2.86	9.42	H
	2546.4	-57.59	-13	-44.59	-68.01	-62.33	3.74	10.63	H
	3395.2	-64.53	-13	-51.53	-79.29	-70.61	4.45	12.68	H
	1697.6	-67.59	-13	-54.59	-72.30	-72.00	2.86	9.42	V
	2546.4	-57.56	-13	-44.56	-67.39	-62.30	3.74	10.63	V
	3395.2	-65.73	-13	-52.73	-79.30	-71.81	4.45	12.68	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	3700.4	-60.33	-13	-47.33	-79.94	-68.07	4.82	12.56	H
	5550.6	-48.82	-13	-35.82	-72.27	-56.35	5.55	13.08	H
	7400.8	-59.15	-13	-46.15	-82.67	-63.91	6.52	11.28	H
	3700.4	-59.56	-13	-46.56	-79.95	-67.30	4.82	12.56	V
	5550.6	-50.58	-13	-37.58	-74.63	-58.11	5.55	13.08	V
	7400.8	-59.12	-13	-46.12	-82.66	-63.88	6.52	11.28	V
Middle	3760	-59.53	-13	-46.53	-79.14	-67.28	4.85	12.60	H
	5640	-46.46	-13	-33.46	-69.91	-53.98	5.58	13.10	H
	7520	-58.58	-13	-45.58	-82.10	-63.32	6.56	11.30	H
	3760	-58.55	-13	-45.55	-78.94	-66.30	4.85	12.60	V
	5640	-47.36	-13	-34.36	-71.41	-54.88	5.58	13.10	V
	7520	-58.49	-13	-45.49	-82.03	-63.23	6.56	11.30	V
Highest	3819.6	-59.88	-13	-46.88	-79.49	-67.62	4.88	12.62	H
	5729.4	-43.31	-13	-30.31	-66.76	-50.83	5.60	13.12	H
	7639.2	-58.60	-13	-45.60	-82.12	-63.34	6.58	11.32	H
	3819.6	-59.15	-13	-46.15	-79.54	-66.89	4.88	12.62	V
	5729.4	-53.44	-13	-40.44	-77.49	-60.96	5.60	13.12	V
	7639.2	-58.70	-13	-45.70	-82.24	-63.44	6.58	11.32	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	3700.4	-60.32	-13	-47.32	-79.93	-68.06	4.82	12.56	H
	5550.6	-47.83	-13	-34.83	-71.28	-55.36	5.55	13.08	H
	7400.8	-59.04	-13	-46.04	-82.56	-63.80	6.52	11.28	H
	3700.4	-59.46	-13	-46.46	-79.85	-67.20	4.82	12.56	V
	5550.6	-45.25	-13	-32.25	-69.3	-52.78	5.55	13.08	V
	7400.8	-59.10	-13	-46.10	-82.64	-63.86	6.52	11.28	V
Middle	3760	-59.50	-13	-46.50	-79.11	-67.25	4.85	12.60	H
	5640	-51.19	-13	-38.19	-74.64	-58.71	5.58	13.10	H
	7520	-58.57	-13	-45.57	-82.09	-63.31	6.56	11.30	H
	3760	-58.83	-13	-45.83	-79.22	-66.58	4.85	12.60	V
	5640	-51.60	-13	-38.60	-75.65	-59.12	5.58	13.10	V
	7520	-58.54	-13	-45.54	-82.08	-63.28	6.56	11.30	V
Highest	3819.6	-59.93	-13	-46.93	-79.54	-67.67	4.88	12.62	H
	5729.4	-50.01	-13	-37.01	-73.46	-57.53	5.60	13.12	H
	7639.2	-58.64	-13	-45.64	-82.16	-63.38	6.58	11.32	H
	3819.6	-59.16	-13	-46.16	-79.55	-66.90	4.88	12.62	V
	5729.4	-49.60	-13	-36.60	-73.65	-57.12	5.60	13.12	V
	7639.2	-58.65	-13	-45.65	-82.19	-63.39	6.58	11.32	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	1648.4	-70.58	-13	-57.58	-76.14	-74.99	2.82	9.38	H
	2472.6	-67.29	-13	-54.29	-77.71	-72.04	3.68	10.58	H
	3296.8	-64.37	-13	-51.37	-79.13	-70.44	4.35	12.57	H
	1648.4	-71.52	-13	-58.52	-76.23	-75.93	2.82	9.38	V
	2472.6	-68.38	-13	-55.38	-78.21	-73.13	3.68	10.58	V
	3296.8	-65.60	-13	-52.60	-79.17	-71.67	4.35	12.57	V
Middle	1672.8	-70.72	-13	-57.72	-76.28	-75.13	2.84	9.40	H
	2509.2	-67.28	-13	-54.28	-77.70	-72.03	3.7	10.60	H
	3345.6	-64.83	-13	-51.83	-79.59	-70.91	4.37	12.60	H
	1672.8	-71.68	-13	-58.68	-76.39	-76.09	2.84	9.40	V
	2509.2	-68.20	-13	-55.20	-78.03	-72.95	3.70	10.60	V
	3345.6	-66.00	-13	-53.00	-79.57	-72.08	4.37	12.60	V
Highest	1697.6	-70.92	-13	-57.92	-76.48	-75.33	2.86	9.42	H
	2546.4	-67.30	-13	-54.30	-77.72	-72.04	3.74	10.63	H
	3395.2	-64.26	-13	-51.26	-79.02	-70.34	4.45	12.68	H
	1697.6	-71.76	-13	-58.76	-76.47	-76.17	2.86	9.42	V
	2546.4	-68.08	-13	-55.08	-77.91	-72.82	3.74	10.63	V
	3395.2	-65.67	-13	-52.67	-79.24	-71.75	4.45	12.68	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	3704.8	-60.24	-13	-47.24	-79.85	-67.98	4.82	12.56	H
	5557.2	-57.79	-13	-44.79	-81.24	-65.32	5.55	13.08	H
	7409.6	-59.15	-13	-46.15	-82.67	-63.91	6.52	11.28	H
	3704.8	-59.32	-13	-46.32	-79.71	-67.06	4.82	12.56	V
	5557.2	-57.20	-13	-44.20	-81.25	-64.73	5.55	13.08	V
	7409.6	-59.11	-13	-46.11	-82.65	-63.87	6.52	11.28	V
Middle	3760	-59.61	-13	-46.61	-79.22	-67.36	4.85	12.60	H
	5640	-57.63	-13	-44.63	-81.08	-65.15	5.58	13.10	H
	7520	-58.37	-13	-45.37	-81.89	-63.11	6.56	11.30	H
	3760	-58.86	-13	-45.86	-79.25	-66.61	4.85	12.60	V
	5640	-57.06	-13	-44.06	-81.11	-64.58	5.58	13.10	V
	7520	-58.60	-13	-45.60	-82.14	-63.34	6.56	11.30	V
Highest	3815.2	-59.80	-13	-46.80	-79.41	-67.54	4.88	12.62	H
	5722.8	-57.44	-13	-44.44	-80.89	-64.96	5.60	13.12	H
	7630.4	-58.41	-13	-45.41	-81.93	-63.15	6.58	11.32	H
	3815.2	-58.87	-13	-45.87	-79.26	-66.61	4.88	12.62	V
	5722.8	-56.96	-13	-43.96	-81.01	-64.48	5.60	13.12	V
	7630.4	-58.55	-13	-45.55	-82.09	-63.29	6.58	11.32	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	3424.8	-59.39	-13	-46.39	-78.72	-67.62	4.35	12.58	H
	5137.2	-58.01	-13	-45.01	-82.17	-65.77	4.92	12.68	H
	6849.6	-57.81	-13	-44.81	-81.72	-63.19	6.3	11.68	H
	3424.8	-62.59	-13	-49.59	-78.67	-70.82	4.35	12.58	V
	5137.2	-62.59	-13	-49.59	-82.1	-70.35	4.92	12.68	V
	6849.6	-57.88	-13	-44.88	-81.79	-63.26	6.3	11.68	V
Middle	3465.2	-59.68	-13	-46.68	-79.01	-67.91	4.37	12.60	H
	5197.8	-57.57	-13	-44.57	-81.73	-65.33	4.94	12.70	H
	6930.4	-58.08	-13	-45.08	-81.99	-63.46	6.32	11.70	H
	3465.2	-62.96	-13	-49.96	-79.04	-71.19	4.37	12.60	V
	5197.8	-62.15	-13	-49.15	-81.66	-69.91	4.94	12.70	V
	6930.4	-58.10	-13	-45.10	-82.01	-63.48	6.32	11.70	V
Highest	3505.2	-59.66	-13	-46.66	-78.99	-67.89	4.39	12.62	H
	5257.8	-57.80	-13	-44.80	-81.96	-65.56	4.96	12.72	H
	7010.4	-57.77	-13	-44.77	-81.68	-63.15	6.34	11.72	H
	3505.2	-62.98	-13	-49.98	-79.06	-71.21	4.39	12.62	V
	5257.8	-62.45	-13	-49.45	-81.96	-70.21	4.96	12.72	V
	7010.4	-57.81	-13	-44.81	-81.72	-63.19	6.34	11.72	V

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



CDMA BC0(1xRTT)									
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	1648.4	-70.75	-13	-57.75	-76.31	-75.16	2.82	9.38	H
	2472.6	-67.83	-13	-54.83	-78.25	-72.58	3.68	10.58	H
	3296.8	-64.29	-13	-51.29	-79.05	-70.36	4.35	12.57	H
	1648.4	-71.69	-13	-58.69	-76.40	-76.10	2.82	9.38	V
	2472.6	-68.40	-13	-55.40	-78.23	-73.15	3.68	10.58	V
	3296.8	-65.63	-13	-52.63	-79.20	-71.70	4.35	12.57	V
Middle	1672.8	-70.88	-13	-57.88	-76.44	-75.29	2.84	9.40	H
	2509.2	-67.77	-13	-54.77	-78.19	-72.52	3.7	10.60	H
	3345.6	-64.81	-13	-51.81	-79.57	-70.89	4.37	12.60	H
	1672.8	-71.65	-13	-58.65	-76.36	-76.06	2.84	9.40	V
	2509.2	-68.30	-13	-55.30	-78.13	-73.05	3.70	10.60	V
	3345.6	-66.05	-13	-53.05	-79.62	-72.13	4.37	12.60	V
Highest	1697.6	-70.81	-13	-57.81	-76.37	-75.22	2.86	9.42	H
	2546.4	-67.50	-13	-54.50	-77.92	-72.24	3.74	10.63	H
	3395.2	-64.53	-13	-51.53	-79.29	-70.61	4.45	12.68	H
	1697.6	-71.66	-13	-58.66	-76.37	-76.07	2.86	9.42	V
	2546.4	-67.93	-13	-54.93	-77.76	-72.67	3.74	10.63	V
	3395.2	-65.66	-13	-52.66	-79.23	-71.74	4.45	12.68	V

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



CDMA BC1(1xRTT)									
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	3702.5	-60.23	-13	-47.23	-79.84	-67.97	4.82	12.56	H
	5553.75	-57.71	-13	-44.71	-81.16	-65.24	5.55	13.08	H
	7405	-59.07	-13	-46.07	-82.59	-63.83	6.52	11.28	H
	3702.5	-59.53	-13	-46.53	-79.92	-67.27	4.82	12.56	V
	5553.75	-57.17	-13	-44.17	-81.22	-64.70	5.55	13.08	V
	7405	-58.97	-13	-45.97	-82.51	-63.73	6.52	11.28	V
Middle	3760	-59.56	-13	-46.56	-79.17	-67.31	4.85	12.60	H
	5640	-57.70	-13	-44.70	-81.15	-65.22	5.58	13.10	H
	7520	-58.59	-13	-45.59	-82.11	-63.33	6.56	11.30	H
	3760	-58.81	-13	-45.81	-79.2	-66.56	4.85	12.60	V
	5640	-57.18	-13	-44.18	-81.23	-64.70	5.58	13.10	V
	7520	-58.42	-13	-45.42	-81.96	-63.16	6.56	11.30	V
Highest	3817.6	-59.82	-13	-46.82	-79.43	-67.56	4.88	12.62	H
	5726.4	-57.38	-13	-44.38	-80.83	-64.90	5.60	13.12	H
	7635.2	-58.69	-13	-45.69	-82.21	-63.43	6.58	11.32	H
	3817.6	-59.02	-13	-46.02	-79.41	-66.76	4.88	12.62	V
	5726.4	-56.95	-13	-43.95	-81	-64.47	5.60	13.12	V
	7635.2	-58.51	-13	-45.51	-82.05	-63.25	6.58	11.32	V

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



Bottom Antenna:

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	1648.4	-60.34	-13	-47.34	-73.60	-63.57	3.98	9.36	H
	2472.6	-51.86	-13	-38.86	-70.58	-55.41	4.85	10.55	H
	3296.8	-56.21	-13	-43.21	-77.36	-61.14	5.50	12.58	H
	1648.4	-57.22	-13	-44.22	-69.96	-60.45	3.98	9.36	V
	2472.6	-53.43	-13	-40.43	-71.95	-56.98	4.85	10.55	V
	3296.8	-56.31	-13	-43.31	-77.07	-61.24	5.50	12.58	V
Middle	1672.8	-61.86	-13	-48.86	-75.47	-65.11	4.00	9.40	H
	2509.2	-49.92	-13	-36.92	-68.72	-53.49	4.88	10.60	H
	3345.6	-56.31	-13	-43.31	-77.30	-61.24	5.52	12.60	H
	1672.8	-60.78	-13	-47.78	-73.88	-64.03	4.00	9.40	V
	2509.2	-52.66	-13	-39.66	-71.29	-56.23	4.88	10.60	V
	3345.6	-56.68	-13	-43.68	-77.23	-61.61	5.52	12.60	V
Highest	1697.6	-61.65	-13	-48.65	-75.41	-64.82	4.10	9.42	H
	2546.4	-54.96	-13	-41.96	-73.83	-58.54	4.90	10.63	H
	3395.2	-56.99	-13	-43.99	-77.10	-61.91	5.55	12.62	H
	1697.6	-60.82	-13	-47.82	-74.08	-63.99	4.10	9.42	V
	2546.4	-53.91	-13	-40.91	-72.52	-57.49	4.90	10.63	V
	3395.2	-57.57	-13	-44.57	-77.17	-62.49	5.55	12.62	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	1648.4	-55.43	-13	-42.43	-68.69	-58.66	3.98	9.36	H
	2472.6	-56.16	-13	-43.16	-74.88	-59.71	4.85	10.55	H
	3296.8	-55.43	-13	-42.43	-76.58	-60.36	5.50	12.58	H
	1648.4	-56.96	-13	-43.96	-69.70	-60.19	3.98	9.36	V
	2472.6	-57.94	-13	-44.94	-76.46	-61.49	4.85	10.55	V
	3296.8	-56.40	-13	-43.40	-77.16	-61.33	5.50	12.58	V
Middle	1672.8	-59.98	-13	-46.98	-73.59	-63.23	4.00	9.40	H
	2509.2	-51.53	-13	-38.53	-70.33	-55.10	4.88	10.60	H
	3345.6	-56.72	-13	-43.72	-77.71	-61.65	5.52	12.60	H
	1672.8	-60.79	-13	-47.79	-73.89	-64.04	4.00	9.40	V
	2509.2	-56.69	-13	-43.69	-75.32	-60.26	4.88	10.60	V
	3345.6	-56.89	-13	-43.89	-77.44	-61.82	5.52	12.60	V
Highest	1697.6	-60.67	-13	-47.67	-74.43	-63.84	4.10	9.42	H
	2546.4	-57.18	-13	-44.18	-76.05	-60.76	4.90	10.63	H
	3395.2	-56.90	-13	-43.90	-77.01	-61.82	5.55	12.62	H
	1697.6	-61.21	-13	-48.21	-74.47	-64.38	4.10	9.42	V
	2546.4	-57.78	-13	-44.78	-76.39	-61.36	4.90	10.63	V
	3395.2	-57.31	-13	-44.31	-76.91	-62.23	5.55	12.62	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	3700.4	-55.10	-13	-42.10	-78.37	-61.86	5.82	12.58	H
	5550.6	-46.24	-13	-33.24	-73.65	-51.96	7.28	13.00	H
	7400.8	-47.26	-13	-34.26	-79.16	-50.42	8.32	11.48	H
	3700.4	-54.06	-13	-41.06	-76.66	-60.82	5.82	12.58	V
	5550.6	-47.64	-13	-34.64	-74.29	-53.36	7.28	13.00	V
	7400.8	-47.80	-13	-34.80	-78.99	-50.96	8.32	11.48	V
Middle	3760	-54.19	-13	-41.19	-77.69	-60.94	5.85	12.60	H
	5640	-46.97	-13	-33.97	-74.24	-52.77	7.30	13.10	H
	7520	-47.50	-13	-34.50	-78.59	-50.65	8.35	11.50	H
	3760	-54.31	-13	-41.31	-77.04	-61.06	5.85	12.60	V
	5640	-46.55	-13	-33.55	-72.76	-52.35	7.30	13.10	V
	7520	-48.21	-13	-35.21	-78.72	-51.36	8.35	11.50	V
Highest	3819.6	-52.31	-13	-39.31	-76.16	-59.05	5.88	12.62	H
	5729.4	-37.03	-13	-24.03	-64.66	-42.84	7.32	13.13	H
	7639.2	-48.20	-13	-35.20	-78.94	-51.36	8.38	11.54	H
	3819.6	-53.36	-13	-40.36	-76.36	-60.10	5.88	12.62	V
	5729.4	-46.03	-13	-33.03	-72.73	-51.84	7.32	13.13	V
	7639.2	-48.53	-13	-35.53	-78.75	-51.69	8.38	11.54	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	3700.4	-55.01	-13	-42.01	-78.28	-61.77	5.82	12.58	H
	5550.6	-51.71	-13	-38.71	-79.12	-57.43	7.28	13.00	H
	7400.8	-47.41	-13	-34.41	-79.31	-50.57	8.32	11.48	H
	3700.4	-55.63	-13	-42.63	-78.23	-62.39	5.82	12.58	V
	5550.6	-52.80	-13	-39.80	-79.45	-58.52	7.28	13.00	V
	7400.8	-47.95	-13	-34.95	-79.14	-51.11	8.32	11.48	V
Middle	3760	-54.57	-13	-41.57	-78.07	-61.32	5.85	12.60	H
	5640	-51.94	-13	-38.94	-79.21	-57.74	7.30	13.10	H
	7520	-47.33	-13	-34.33	-78.42	-50.48	8.35	11.50	H
	3760	-55.42	-13	-42.42	-78.15	-62.17	5.85	12.60	V
	5640	-52.88	-13	-39.88	-79.09	-58.68	7.30	13.10	V
	7520	-48.93	-13	-35.93	-79.44	-52.08	8.35	11.50	V
Highest	3819.6	-54.25	-13	-41.25	-78.10	-60.99	5.88	12.62	H
	5729.4	-52.16	-13	-39.16	-79.79	-57.97	7.32	13.13	H
	7639.2	-48.02	-13	-35.02	-78.76	-51.18	8.38	11.54	H
	3819.6	-55.35	-13	-42.35	-78.35	-62.09	5.88	12.62	V
	5729.4	-53.07	-13	-40.07	-79.77	-58.88	7.32	13.13	V
	7639.2	-48.55	-13	-35.55	-78.77	-51.71	8.38	11.54	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	1652.8	-61.93	-13	-48.93	-75.19	-65.16	3.98	9.36	H
	2479.2	-57.58	-13	-44.58	-76.30	-61.13	4.85	10.55	H
	3305.6	-55.75	-13	-42.75	-76.86	-60.68	5.50	12.58	H
	1652.8	-62.50	-13	-49.50	-75.24	-65.73	3.98	9.36	V
	2479.2	-57.53	-13	-44.53	-76.05	-61.08	4.85	10.55	V
	3305.6	-56.14	-13	-43.14	-76.84	-61.07	5.50	12.58	V
Middle	1672.8	-61.94	-13	-48.94	-75.55	-65.19	4.00	9.40	H
	2509.2	-57.45	-13	-44.45	-76.25	-61.02	4.88	10.60	H
	3345.6	-56.01	-13	-43.01	-77.00	-60.94	5.52	12.60	H
	1672.8	-62.16	-13	-49.16	-75.26	-65.41	4.00	9.40	V
	2509.2	-57.56	-13	-44.56	-76.19	-61.13	4.88	10.60	V
	3345.6	-56.49	-13	-43.49	-77.04	-61.42	5.52	12.60	V
Highest	1693.2	-61.90	-13	-48.90	-75.66	-65.07	4.10	9.42	H
	2539.8	-57.68	-13	-44.68	-76.52	-61.26	4.90	10.63	H
	3386.4	-56.85	-13	-43.85	-77.24	-61.77	5.55	12.62	H
	1693.2	-62.19	-13	-49.19	-75.45	-65.36	4.10	9.42	V
	2539.8	-57.78	-13	-44.78	-76.36	-61.36	4.90	10.63	V
	3386.4	-57.35	-13	-44.35	-77.26	-62.27	5.55	12.62	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	3704.8	-54.45	-13	-41.45	-77.72	-61.21	5.82	12.58	H
	5557.2	-51.88	-13	-38.88	-79.28	-57.60	7.28	13.00	H
	7409.6	-47.13	-13	-34.13	-79.03	-50.29	8.32	11.48	H
	3704.8	-54.92	-13	-41.92	-77.52	-61.68	5.82	12.58	V
	5557.2	-52.06	-13	-39.06	-78.7	-57.78	7.28	13.00	V
	7409.6	-47.47	-13	-34.47	-78.66	-50.63	8.32	11.48	V
Middle	3760	-53.83	-13	-40.83	-77.33	-60.58	5.85	12.60	H
	5640	-51.33	-13	-38.33	-78.60	-57.13	7.30	13.10	H
	7520	-47.15	-13	-34.15	-78.24	-50.30	8.35	11.50	H
	3760	-54.60	-13	-41.60	-77.33	-61.35	5.85	12.60	V
	5640	-52.28	-13	-39.28	-78.49	-58.08	7.30	13.10	V
	7520	-47.90	-13	-34.90	-78.41	-51.05	8.35	11.50	V
Highest	3815.2	-53.37	-13	-40.37	-77.19	-60.11	5.88	12.62	H
	5722.8	-51.23	-13	-38.23	-78.86	-57.04	7.32	13.13	H
	7630.4	-47.63	-13	-34.63	-78.33	-50.79	8.38	11.54	H
	3815.2	-54.21	-13	-41.21	-77.18	-60.95	5.88	12.62	V
	5722.8	-52.18	-13	-39.18	-78.88	-57.99	7.32	13.13	V
	7630.4	-48.09	-13	-35.09	-78.28	-51.25	8.38	11.54	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	3424.8	-56.82	-13	-43.82	-77.36	-63.70	5.60	12.48	H
	5137.2	-49.56	-13	-36.56	-76.50	-55.24	7.10	12.78	H
	6849.6	-49.84	-13	-36.84	-79.00	-53.23	8.38	11.77	H
	3424.8	-56.83	-13	-43.83	-76.87	-63.71	5.60	12.48	V
	5137.2	-52.27	-13	-39.27	-78.43	-57.95	7.10	12.78	V
	6849.6	-50.55	-13	-37.55	-78.83	-53.94	8.38	11.77	V
Middle	3465.2	-55.84	-13	-42.84	-76.78	-62.69	5.65	12.50	H
	5197.8	-51.41	-13	-38.41	-78.60	-57.08	7.13	12.80	H
	6930.4	-49.58	-13	-36.58	-78.67	-52.98	8.40	11.80	H
	3465.2	-56.54	-13	-43.54	-76.99	-63.39	5.65	12.50	V
	5197.8	-52.92	-13	-39.92	-79.04	-58.59	7.13	12.80	V
	6930.4	-49.78	-13	-36.78	-78.49	-53.18	8.40	11.80	V
Highest	3505.2	-55.47	-13	-42.47	-76.84	-62.31	5.68	12.52	H
	5257.8	-50.29	-13	-37.29	-76.27	-55.96	7.15	12.82	H
	7010.4	-49.32	-13	-36.32	-78.56	-52.75	8.42	11.85	H
	3505.2	-55.51	-13	-42.51	-76.4	-62.35	5.68	12.52	V
	5257.8	-53.37	-13	-40.37	-78.29	-59.04	7.15	12.82	V
	7010.4	-49.53	-13	-36.53	-78.73	-52.96	8.42	11.85	V

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



CDMA BC0(1xRTT)									
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	1649.4	-62.01	-13	-49.01	-75.27	-65.24	3.98	9.36	H
	2474.1	-57.33	-13	-44.33	-76.05	-60.88	4.85	10.55	H
	3298.8	-55.29	-13	-42.29	-76.44	-60.22	5.50	12.58	H
	1649.4	-62.43	-13	-49.43	-75.17	-65.66	3.98	9.36	V
	2474.1	-57.43	-13	-44.43	-75.95	-60.98	4.85	10.55	V
	3298.8	-55.95	-13	-42.95	-76.71	-60.88	5.50	12.58	V
Middle	1673.04	-61.93	-13	-48.93	-75.54	-65.18	4.00	9.40	H
	2509.56	-57.34	-13	-44.34	-76.14	-60.91	4.88	10.60	H
	3346.08	-56.09	-13	-43.09	-77.08	-61.02	5.52	12.60	H
	1673.04	-62.33	-13	-49.33	-75.43	-65.58	4.00	9.40	V
	2509.56	-57.28	-13	-44.28	-75.91	-60.85	4.88	10.60	V
	3346.08	-56.22	-13	-43.22	-76.77	-61.15	5.52	12.60	V
Highest	1696.62	-61.46	-13	-48.46	-75.22	-64.63	4.10	9.42	H
	2544.93	-57.25	-13	-44.25	-76.12	-60.83	4.90	10.63	H
	3393.24	-56.18	-13	-43.18	-76.29	-61.10	5.55	12.62	H
	1696.62	-62.25	-13	-49.25	-75.51	-65.42	4.10	9.42	V
	2544.93	-57.61	-13	-44.61	-76.22	-61.19	4.90	10.63	V
	3393.24	-56.93	-13	-43.93	-76.53	-61.85	5.55	12.62	V

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



CDMA BC1(1xRTT)									
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	3702.5	-54.39	-13	-41.39	-77.66	-61.15	5.82	12.58	H
	5553.75	-51.84	-13	-38.84	-79.24	-57.56	7.28	13.00	H
	7405	-47.34	-13	-34.34	-79.24	-50.50	8.32	11.48	H
	3702.5	-54.92	-13	-77.52	-77.52	-61.68	5.82	12.58	V
	5553.75	-52.46	-13	-79.10	-78.7	-58.18	7.28	13.00	V
	7405	-47.19	-13	-78.38	-78.66	-50.35	8.32	11.48	V
Middle	3760	-53.97	-13	-40.97	-77.47	-60.72	5.85	12.60	H
	5640	-51.12	-13	-38.12	-78.39	-56.92	7.30	13.10	H
	7520	-47.01	-13	-34.01	-78.10	-50.16	8.35	11.50	H
	3760	-54.82	-13	-41.82	-77.55	-61.57	5.85	12.60	V
	5640	-52.03	-13	-39.03	-78.24	-57.83	7.30	13.10	V
	7520	-48.04	-13	-35.04	-78.55	-51.19	8.35	11.50	V
Highest	3817.5	-53.58	-13	-77.40	-77.19	-60.32	5.88	12.62	H
	5726.25	-50.98	-13	-78.61	-78.86	-56.79	7.32	13.13	H
	7635	-47.67	-13	-78.37	-78.33	-50.83	8.38	11.54	H
	3817.5	-54.73	-13	-41.73	-77.7	-61.47	5.88	12.62	V
	5726.25	-51.99	-13	-38.99	-78.69	-57.80	7.32	13.13	V
	7635	-48.28	-13	-35.28	-78.47	-51.44	8.38	11.54	V

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