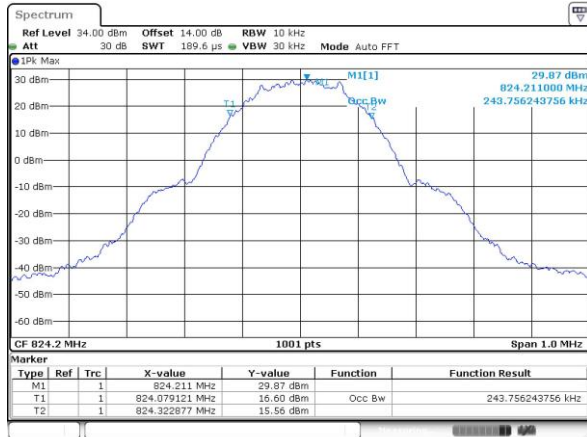




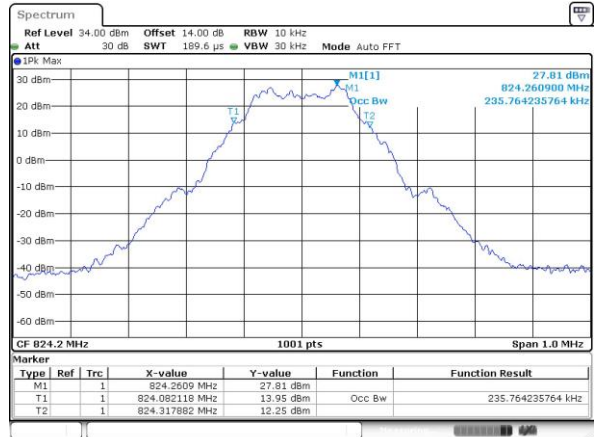
GSM850 (GSM)

Lowest Channel

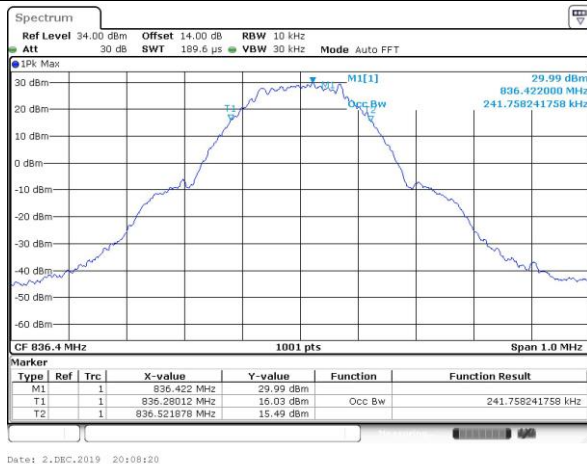


GSM850 (EDGE class 8)

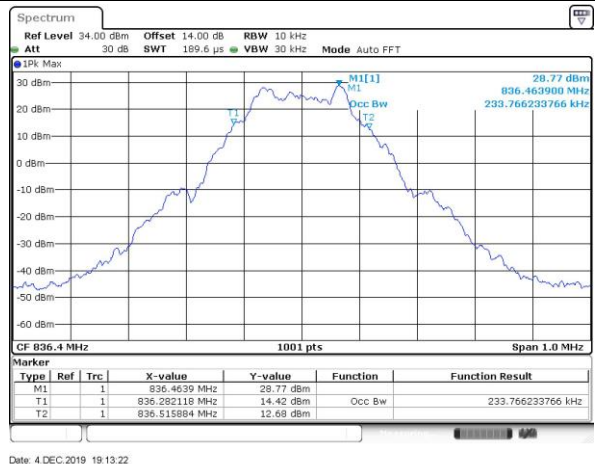
Lowest Channel



Middle Channel



Middle Channel



Highest Channel



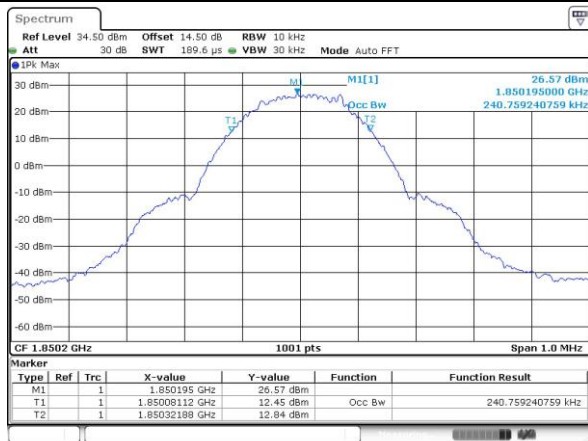
Highest Channel





GSM1900 (GSM)

Lowest Channel



GSM1900 (EDGE class 8)

Lowest Channel



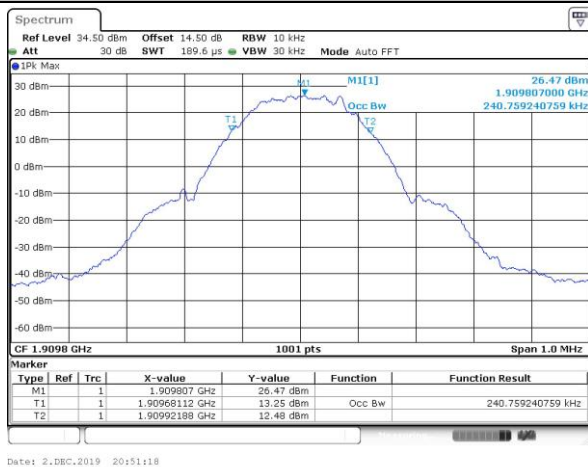
Middle Channel



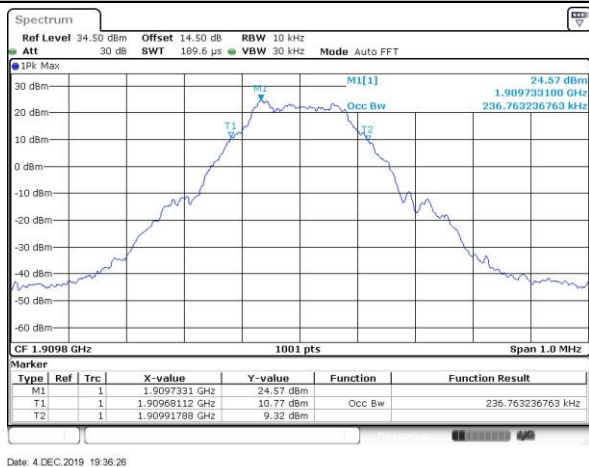
Middle Channel



Highest Channel



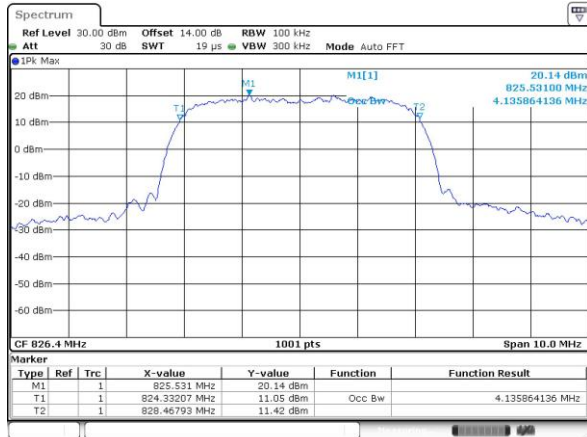
Highest Channel





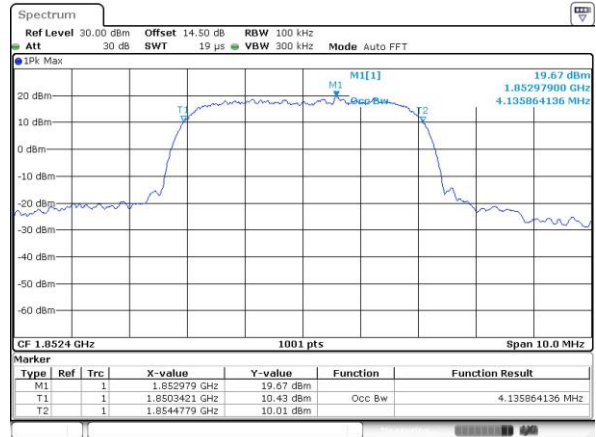
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

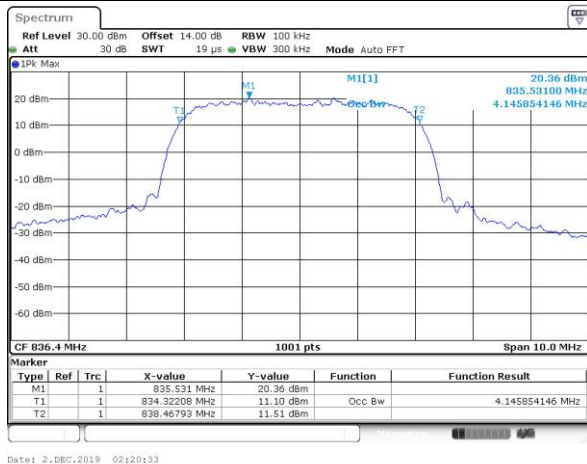


WCDMA Band II (RMC 12.2Kbps)

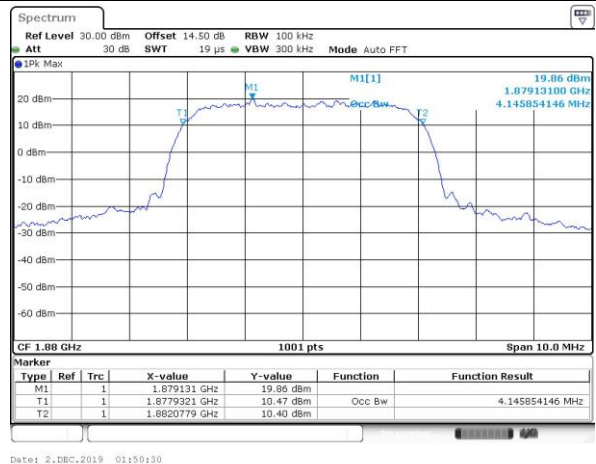
Lowest Channel



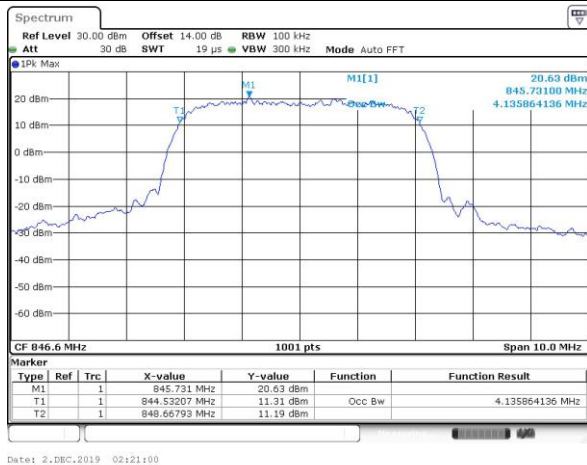
Middle Channel



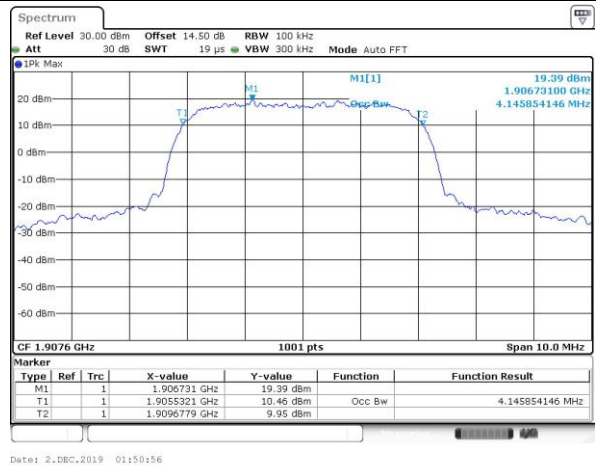
Middle Channel



Highest Channel



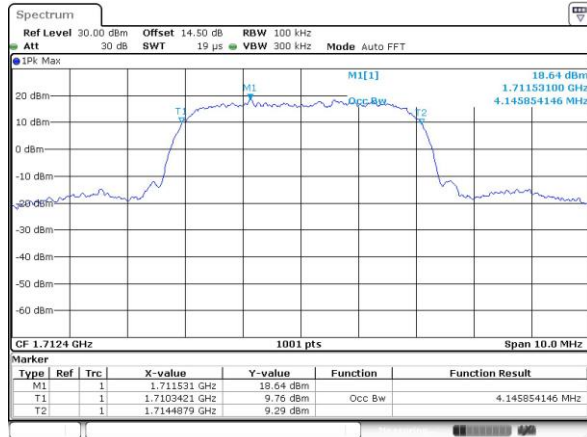
Highest Channel



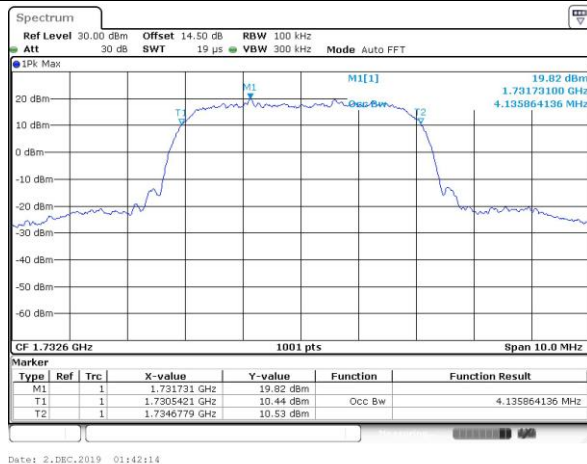


WCDMA Band IV (RMC 12.2Kbps)

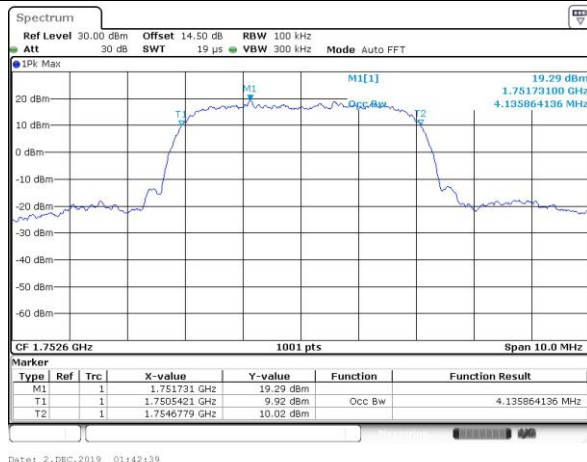
Lowest Channel



Middle Channel



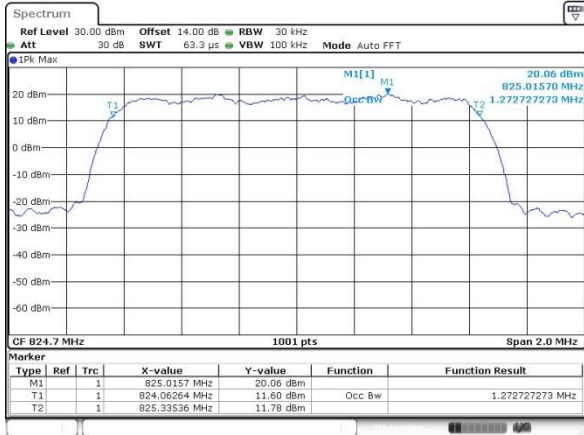
Highest Channel





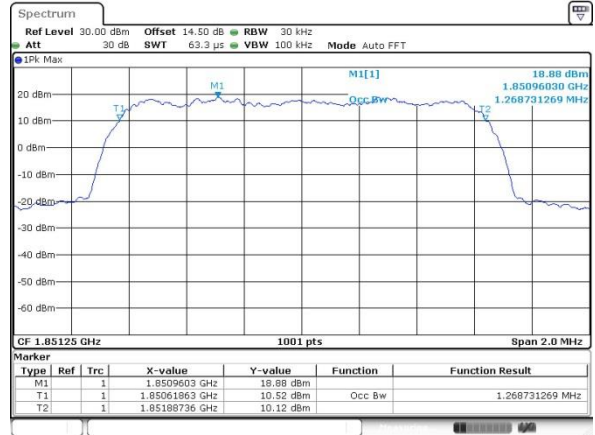
CDMA BC0 (1xRTT)

Lowest Channel

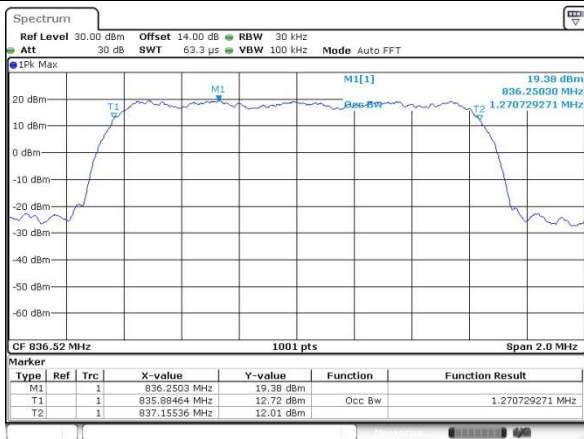


CDMA BC1 (1xRTT)

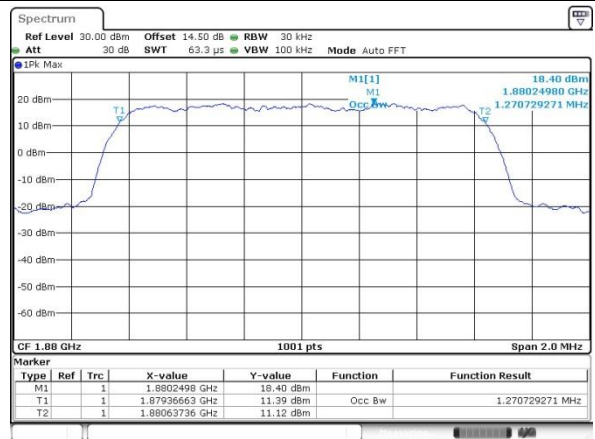
Lowest Channel



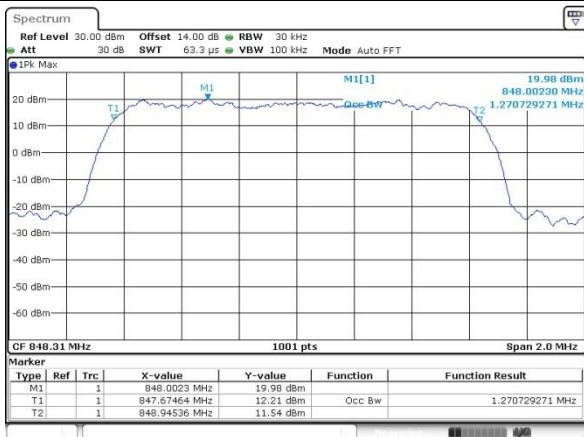
Middle Channel



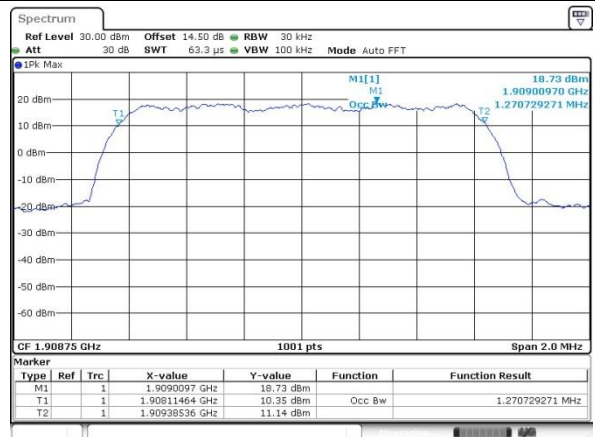
Middle Channel

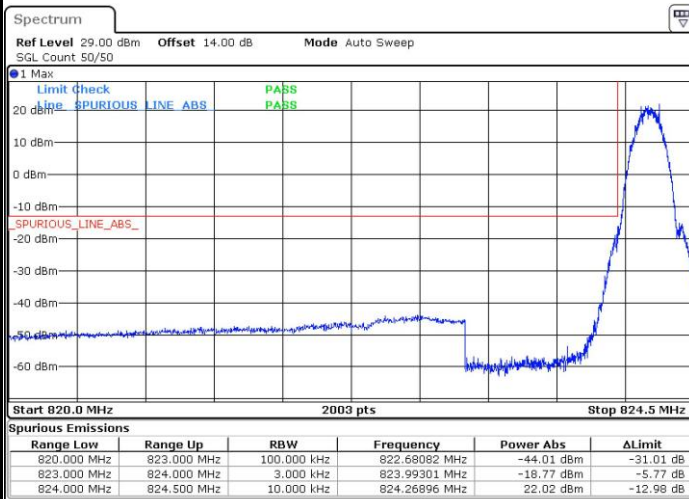
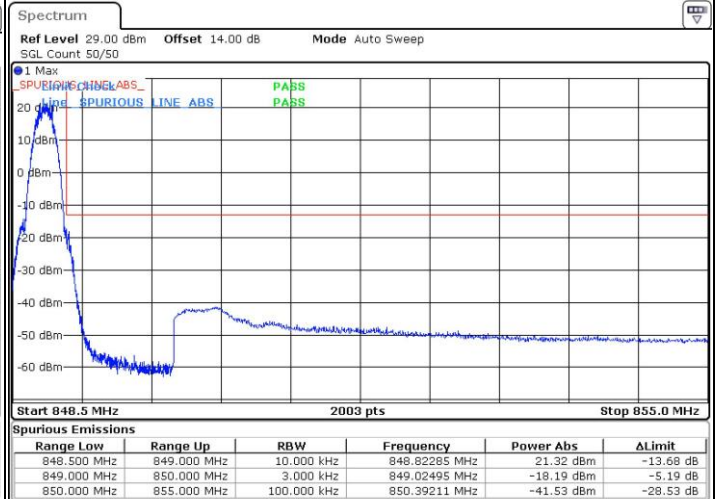
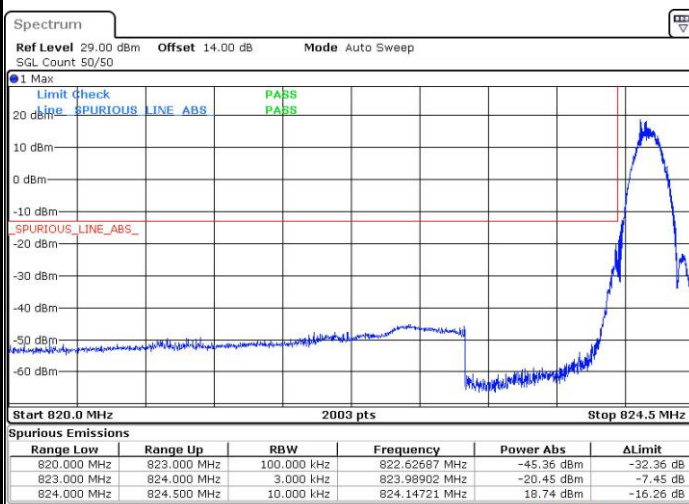
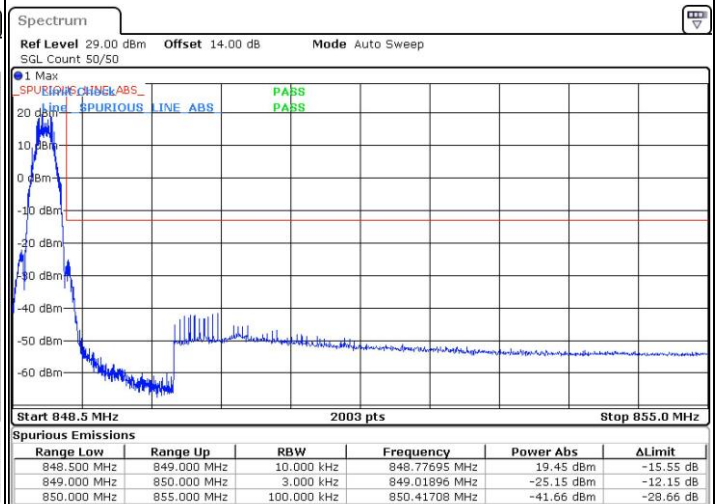


Highest Channel



Highest Channel

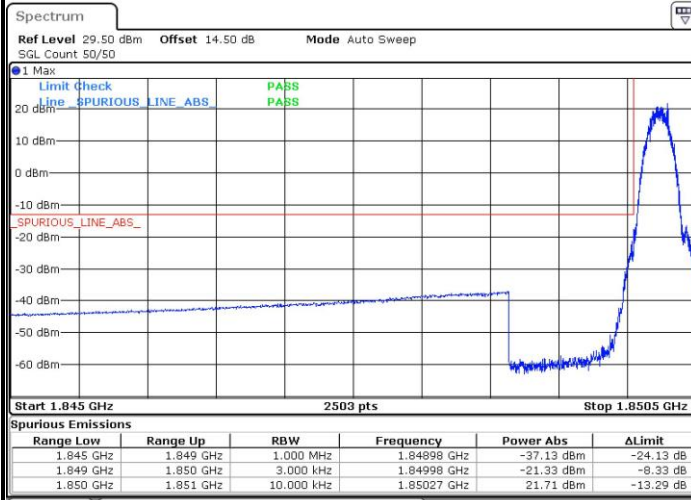


**Conducted Band Edge****GSM850 (GSM)****Lowest Band Edge****Highest Band Edge****GSM850 (EDGE class 8)****Lowest Band Edge****Highest Band Edge**

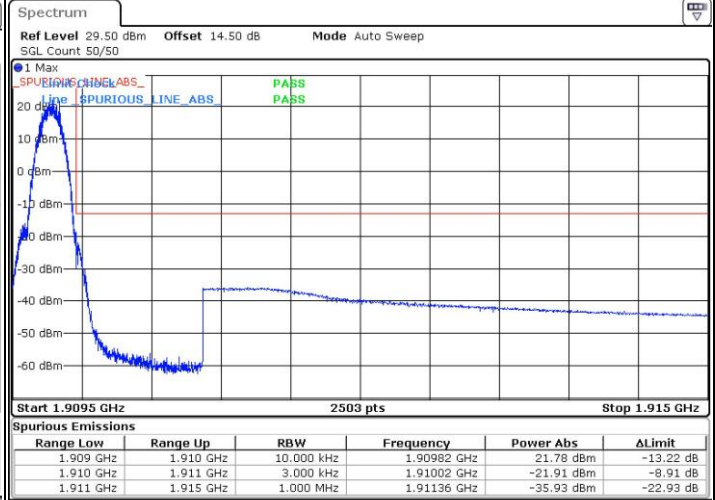


GSM1900 (GSM)

Lowest Band Edge

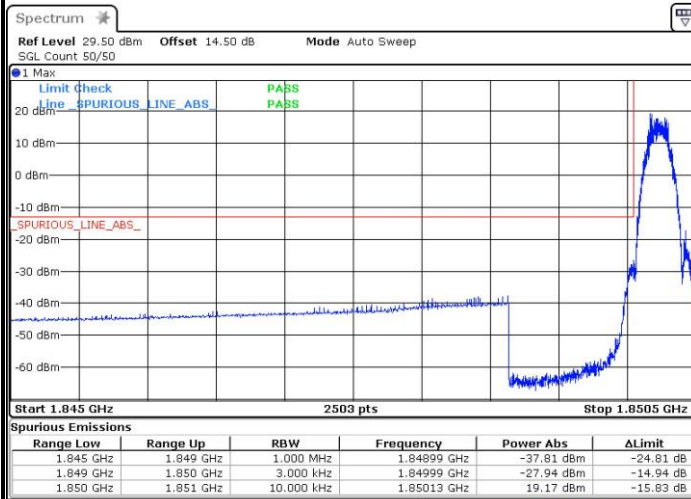


Highest Band Edge

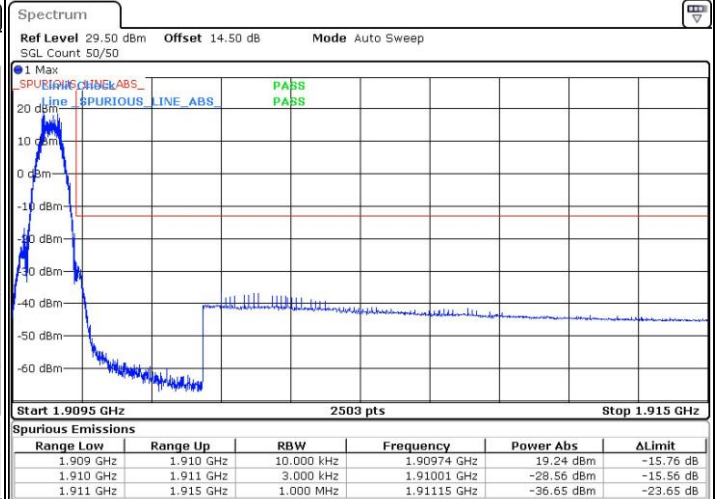


GSM1900 (EDGE class 8)

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



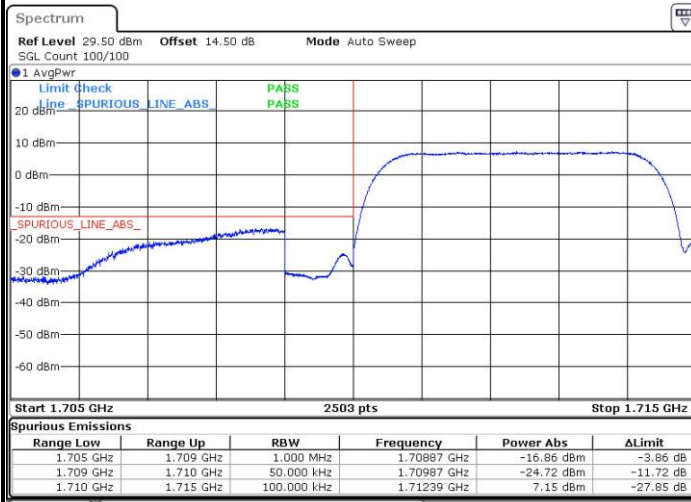
Highest Band Edge





WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge

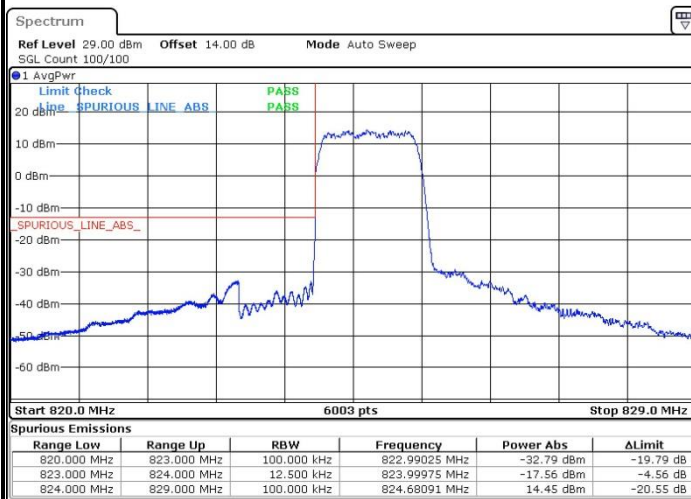


Highest Band Edge

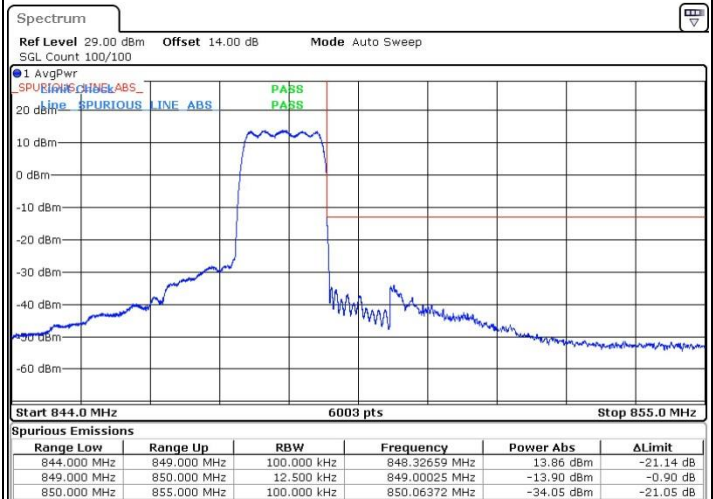


CDMA BC0 (1xRTT)

Lowest Band Edge



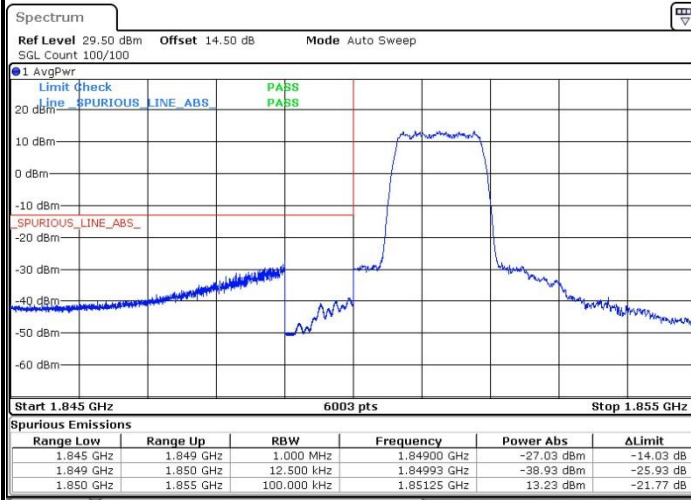
Highest Band Edge



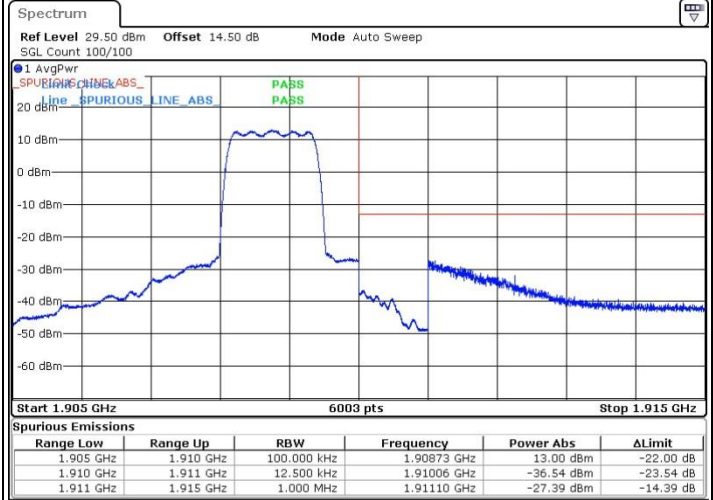


CDMA BC1 (1xRTT)

Lowest Band Edge



Highest Band Edge

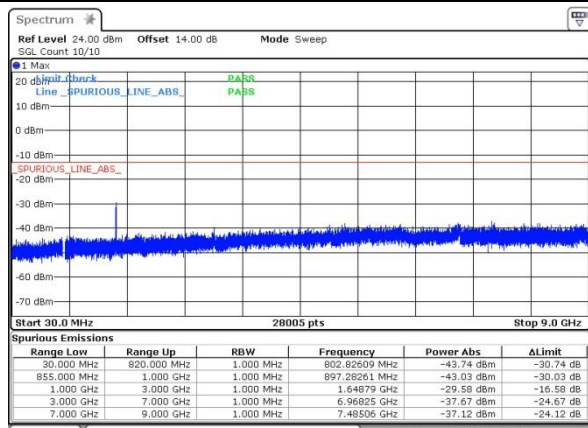




Conducted Spurious Emission

GSM850 (GSM)

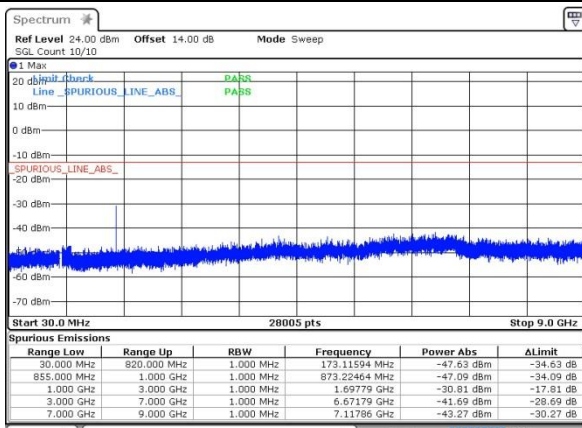
Lowest Channel



Date: 2.DEC.2019 20:42:55

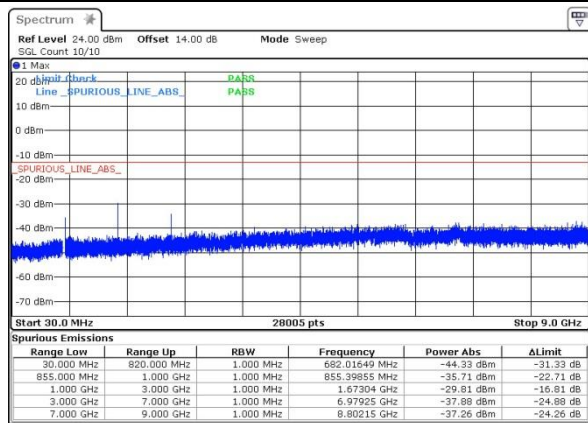
GSM850 (EDGE class 8)

Lowest Channel



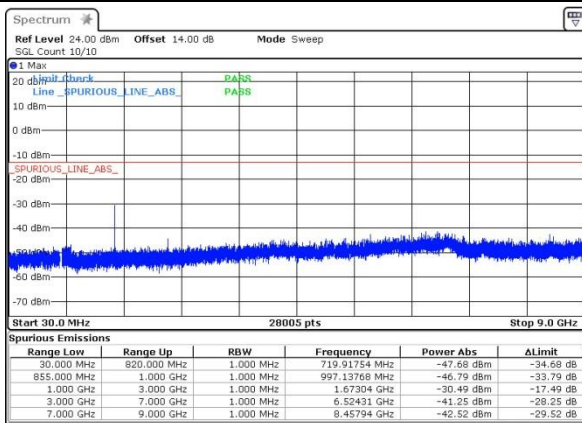
Date: 4 DEC 2019 19:19:41

Middle Channel



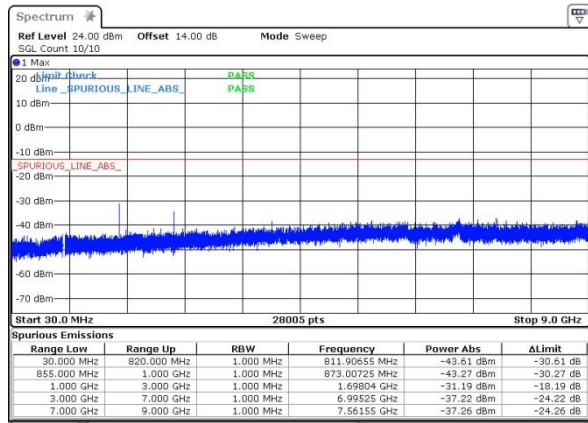
Date: 2.DEC.2019 20:43:32

Middle Channel



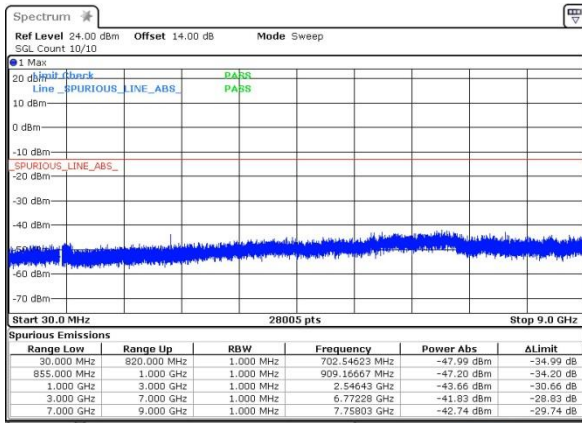
Date: 4 DEC 2019 19:20:13

Highest Channel



Date: 2.DEC.2019 20:43:50

Highest Channel

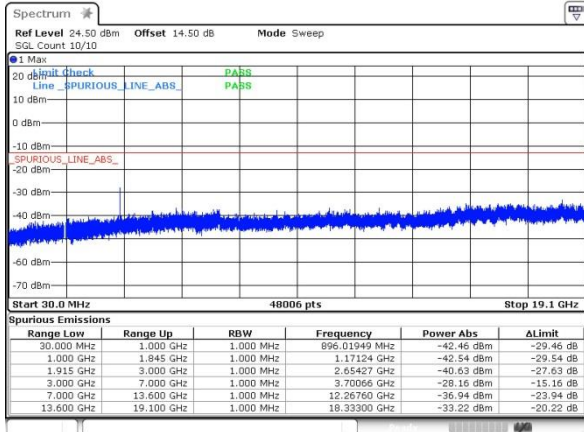


Date: 4 DEC 2019 19:20:38



GSM1900 (GSM)

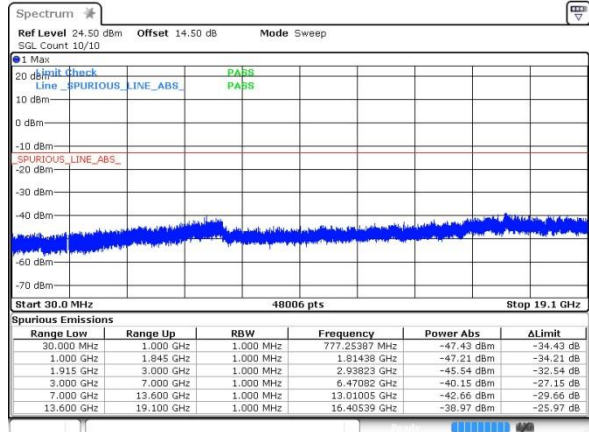
Lowest Channel



Date: 2.DEC.2019 20:57:49

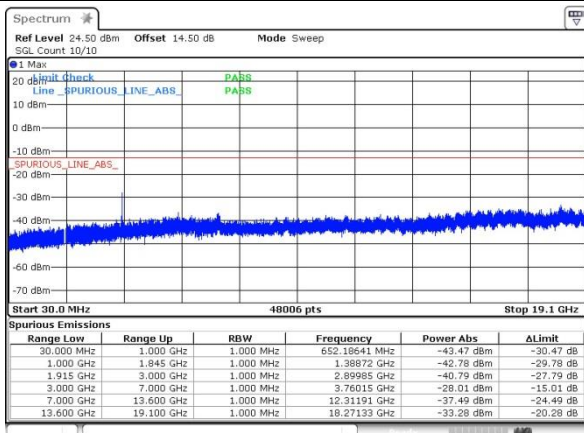
GSM1900 (EDGE class 8)

Lowest Channel



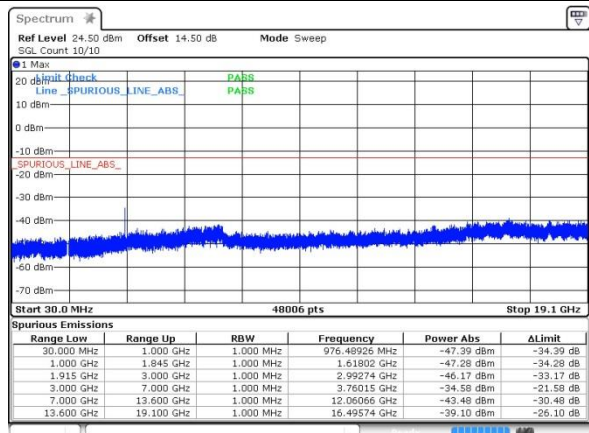
Date: 4 DEC 2019 19:41:21

Middle Channel



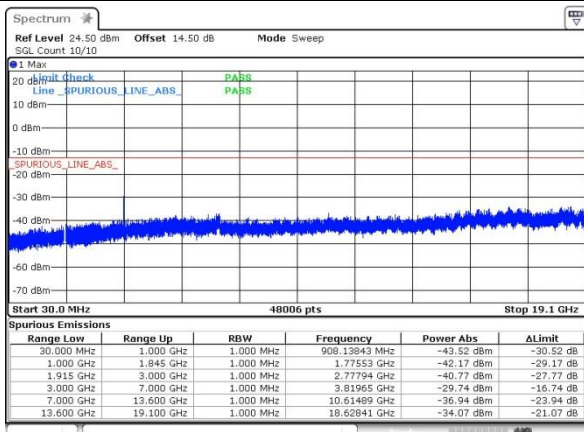
Date: 2.DEC.2019 20:58:38

Middle Channel



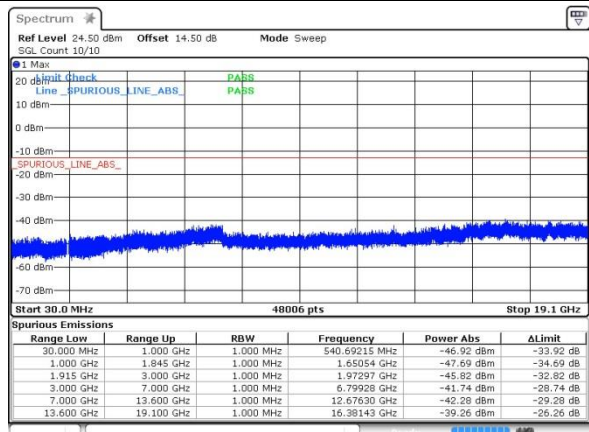
Date: 4 DEC 2019 19:41:42

Highest Channel



Date: 2.DEC.2019 20:59:04

Highest Channel

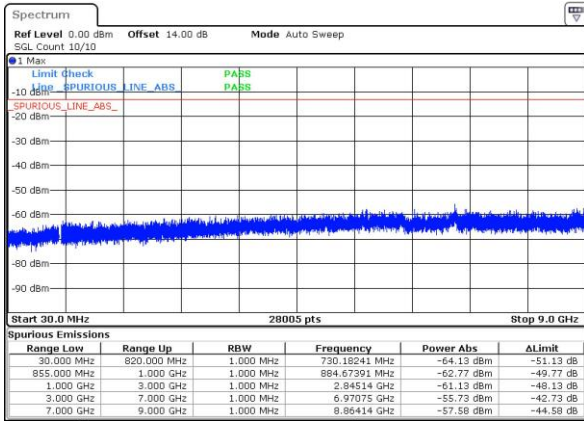


Date: 4 DEC 2019 19:42:12



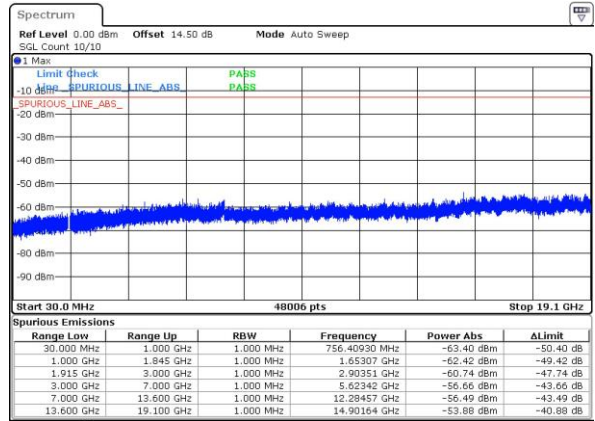
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

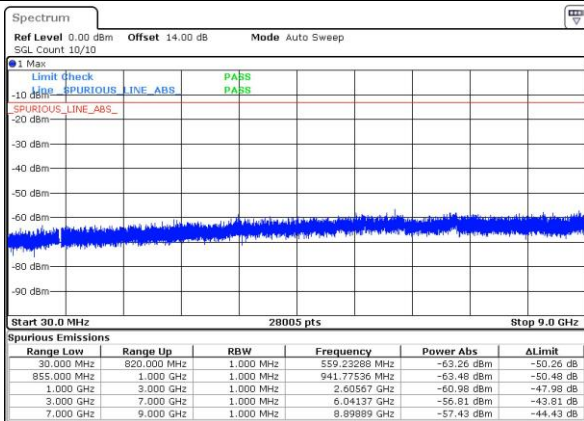


WCDMA Band II (RMC 12.2Kbps)

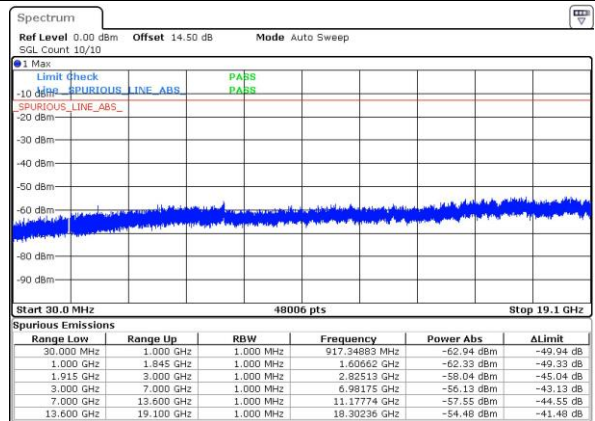
Lowest Channel



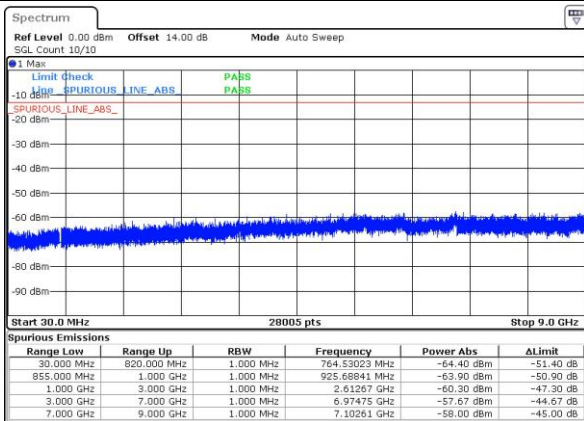
Middle Channel



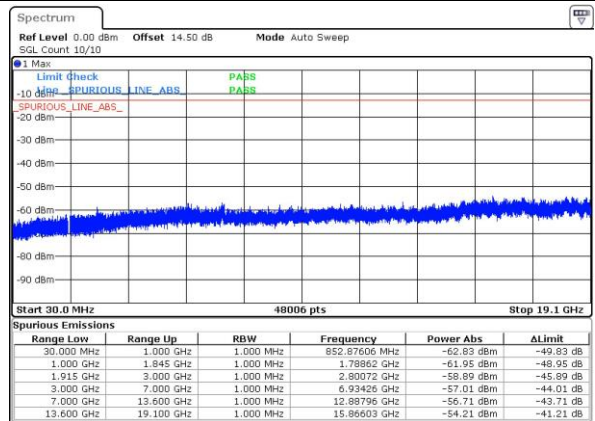
Middle Channel



Highest Channel



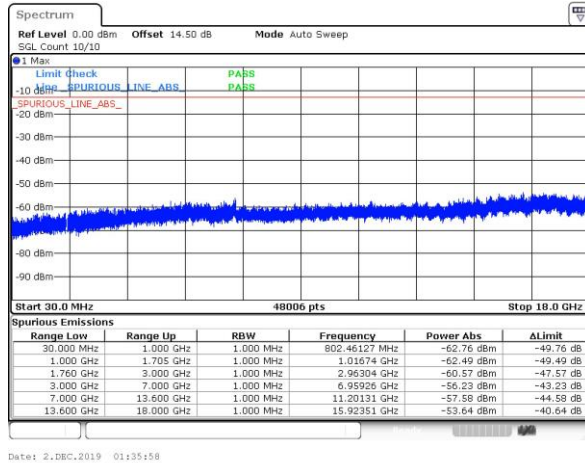
Highest Channel



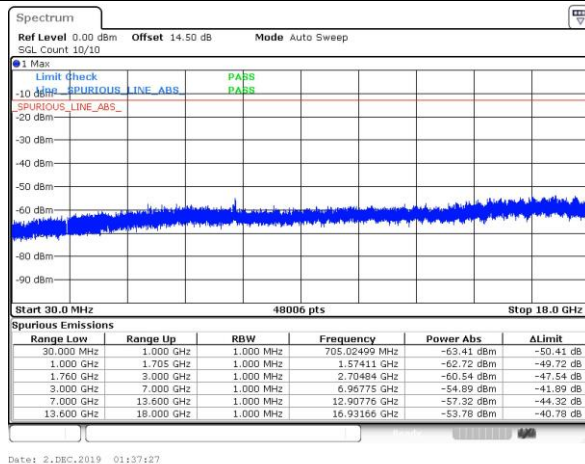


WCDMA Band IV (RMC 12.2Kbps)

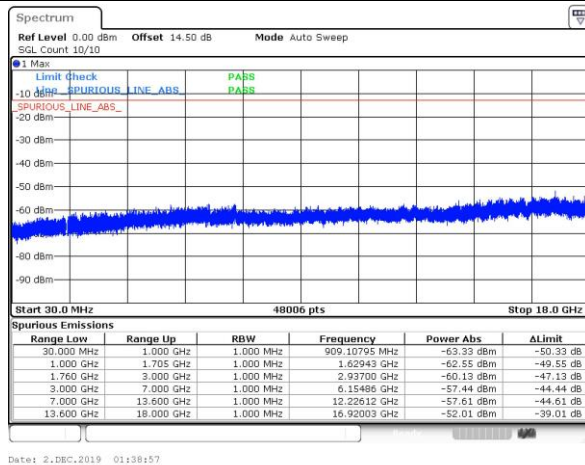
Lowest Channel



Middle Channel



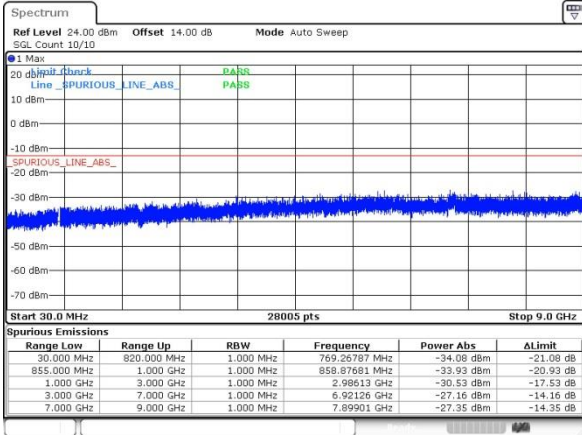
Highest Channel





CDMA BC0 (1xRTT)

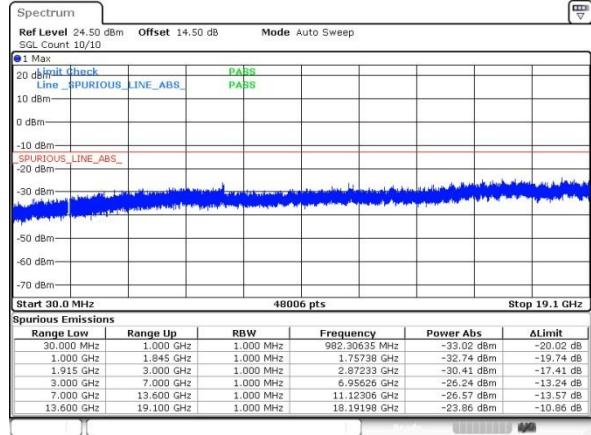
Lowest Channel



Date: 16.DEC.2019 16:01:04

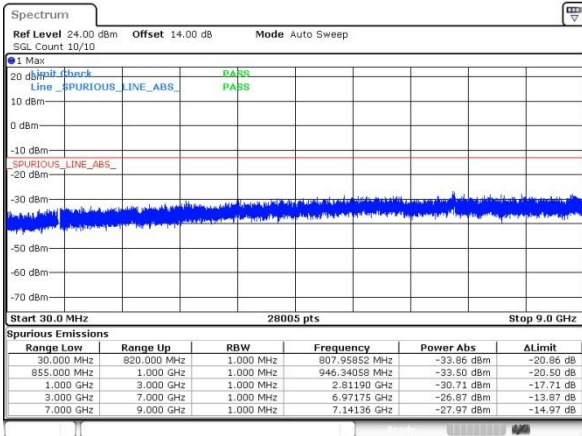
CDMA BC1 (1xRTT)

Lowest Channel



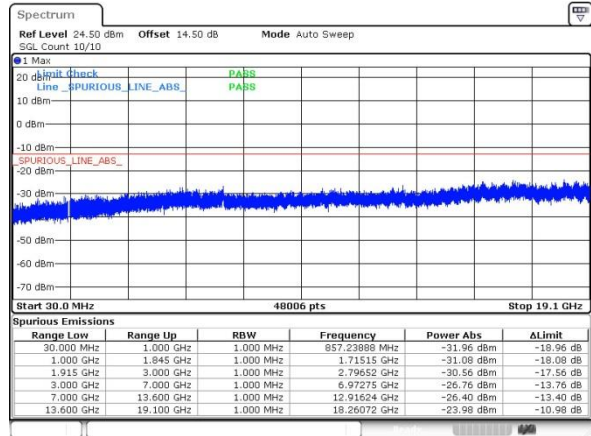
Date: 16.DEC.2019 16:12:27

Middle Channel



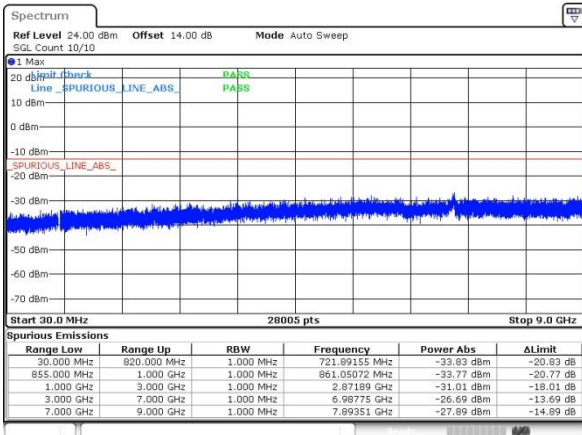
Date: 16.DEC.2019 16:03:48

Middle Channel



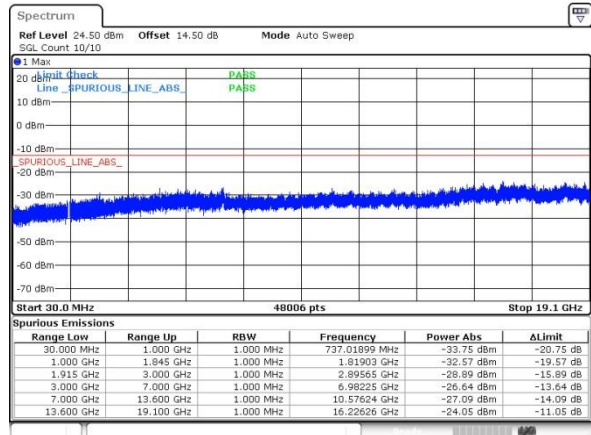
Date: 16.DEC.2019 16:13:10

Highest Channel



Date: 16.DEC.2019 16:06:30

Highest Channel



Date: 16.DEC.2019 16:13:57



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	0.0120	0.0122	PASS
40	Normal Voltage	0.0012	0.0011	
30	Normal Voltage	0.0019	0.0007	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0000	0.0138	
0	Normal Voltage	0.0026	0.0007	
-10	Normal Voltage	0.0006	0.0013	
-20	Normal Voltage	0.0036	0.0138	
-30	Normal Voltage	0.0025	0.0133	
20	Maximum Voltage	0.0108	0.0128	
20	Normal Voltage	0.0000	0.0000	
20	Battery End Point	0.0012	0.0009	

Note: Normal Voltage = 3.87V. ; Battery End Point (BEP) = 3.6 V.; Maximum Voltage =4.45 V

Test Conditions	Middle Channel	GSM1900 (GSM)	GSM1900 (EDGE class 8)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)		Result
50	Normal Voltage	0.0170	0.0138	PASS
40	Normal Voltage	0.0022	0.0015	
30	Normal Voltage	0.0026	0.0019	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0024	0.0154	
0	Normal Voltage	0.0017	0.0009	
-10	Normal Voltage	0.0029	0.0004	
-20	Normal Voltage	0.0004	0.0140	
-30	Normal Voltage	0.0011	0.0149	
20	Maximum Voltage	0.0148	0.0144	
20	Normal Voltage	0.0000	0.0000	
20	Battery End Point	0.0033	0.0137	

Note:

1. Normal Voltage = 3.87V. ; Battery End Point (BEP) = 3.6 V.; Maximum Voltage =4.45 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	0.0002	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0145	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note: Normal Voltage = 3.87V. ; Battery End Point (BEP) = 3.6 V.; Maximum Voltage =4.45 V

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	



Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage = 3.87V. ; Battery End Point (BEP) = 3.6 V.; Maximum Voltage =4.45 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
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	2.5ppm
50	Normal Voltage	0.0105	PASS
40	Normal Voltage	0.0108	
30	Normal Voltage	0.0103	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0111	
0	Normal Voltage	0.0115	
-10	Normal Voltage	0.0112	
-20	Normal Voltage	0.0111	
-30	Normal Voltage	0.0117	
20	Maximum Voltage	0.0109	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0118	

Note: Normal Voltage = 3.87V. ; Battery End Point (BEP) = 3.6 V.; Maximum Voltage =4.45 V



Test Conditions	Middle Channel	CDMA BC1 (1xRTT)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0261	PASS
40	Normal Voltage	0.0260	
30	Normal Voltage	0.0259	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0257	
0	Normal Voltage	0.0257	
-10	Normal Voltage	0.0258	
-20	Normal Voltage	0.0257	
-30	Normal Voltage	0.0259	
20	Maximum Voltage	0.0260	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0256	

Note:

1. Normal Voltage = 3.87V. ; Battery End Point (BEP) = 3.6 V.; Maximum Voltage =4.45 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	-64.83	-13	-51.83	-73.90	-68.06	3.98	9.36	H
	2472.6	-55.24	-13	-42.24	-68.74	-58.79	4.85	10.55	H
	3296.8	-66.07	-13	-53.07	-81.65	-71.00	5.50	12.58	H
	1648.4	-69.65	-13	-56.65	-78.35	-72.88	3.98	9.36	V
	2472.6	-65.01	-13	-52.01	-78.44	-68.56	4.85	10.55	V
	3296.8	-66.28	-13	-53.28	-81.93	-71.21	5.50	12.58	V
Middle	1672.8	-63.52	-13	-50.52	-72.37	-66.77	4.00	9.40	H
	2509.2	-56.66	-13	-43.66	-70.14	-60.23	4.88	10.60	H
	3345.6	-66.49	-13	-53.49	-81.96	-71.42	5.52	12.60	H
	1672.8	-69.70	-13	-56.70	-78.34	-72.95	4.00	9.40	V
	2509.2	-65.29	-13	-52.29	-78.62	-68.86	4.88	10.60	V
	3345.6	-66.30	-13	-53.30	-81.77	-71.23	5.52	12.60	V
Highest	1697.6	-64.45	-13	-51.45	-73.43	-67.62	4.10	9.42	H
	2546.4	-57.41	-13	-44.41	-70.81	-60.99	4.90	10.63	H
	3395.2	-66.73	-13	-53.73	-81.76	-71.65	5.55	12.62	H
	1697.6	-68.62	-13	-55.62	-77.40	-71.79	4.10	9.42	V
	2546.4	-64.73	-13	-51.73	-78.03	-68.31	4.90	10.63	V
	3395.2	-66.89	-13	-53.89	-81.95	-71.81	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	-65.24	-13	-52.24	-74.31	-68.47	3.98	9.36	H
	2472.6	-57.37	-13	-44.37	-70.87	-60.92	4.85	10.55	H
	3296.8	-66.04	-13	-53.04	-81.62	-70.97	5.50	12.58	H
	1648.4	-69.73	-13	-56.73	-78.43	-72.96	3.98	9.36	V
	2472.6	-66.89	-13	-53.89	-80.32	-70.44	4.85	10.55	V
	3296.8	-66.12	-13	-53.12	-81.77	-71.05	5.50	12.58	V
Middle	1672.8	-62.44	-13	-49.44	-71.29	-65.69	4.00	9.40	H
	2509.2	-58.99	-13	-45.99	-72.47	-62.56	4.88	10.60	H
	3345.6	-66.66	-13	-53.66	-82.13	-71.59	5.52	12.60	H
	1672.8	-70.52	-13	-57.52	-79.16	-73.77	4.00	9.40	V
	2509.2	-66.98	-13	-53.98	-80.31	-70.55	4.88	10.60	V
	3345.6	-66.75	-13	-53.75	-82.22	-71.68	5.52	12.60	V
Highest	1697.6	-62.84	-13	-49.84	-71.82	-66.01	4.10	9.42	H
	2546.4	-60.95	-13	-47.95	-74.35	-64.53	4.90	10.63	H
	3395.2	-67.32	-13	-54.32	-82.35	-72.24	5.55	12.62	H
	1697.6	-69.96	-13	-56.96	-78.74	-73.13	4.10	9.42	V
	2546.4	-66.51	-13	-53.51	-79.81	-70.09	4.90	10.63	V
	3395.2	-67.29	-13	-54.29	-82.35	-72.21	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	-64.29	-13	-51.29	-81.21	-71.05	5.82	12.58	H
	5550.6	-62.31	-13	-49.31	-83.22	-68.03	7.28	13.00	H
	7400.8	-56.79	-13	-43.79	-83.63	-59.95	8.32	11.48	H
	3700.4	-64.27	-13	-51.27	-81.22	-71.03	5.82	12.58	V
	5550.6	-61.95	-13	-48.95	-83.06	-67.67	7.28	13.00	V
	7400.8	-56.94	-13	-43.94	-83.46	-60.10	8.32	11.48	V
Middle	3760	-63.96	-13	-50.96	-80.96	-70.71	5.85	12.60	H
	5640	-62.49	-13	-49.49	-83.16	-68.29	7.30	13.10	H
	7520	-56.79	-13	-43.79	-83.06	-59.94	8.35	11.50	H
	3760	-63.77	-13	-50.77	-80.81	-70.52	5.85	12.60	V
	5640	-61.87	-13	-48.87	-82.94	-67.67	7.30	13.10	V
	7520	-56.98	-13	-43.98	-83.06	-60.13	8.35	11.50	V
Highest	3819.6	-64.51	-13	-51.51	-81.64	-71.25	5.88	12.62	H
	5729.4	-62.52	-13	-49.52	-83.53	-68.33	7.32	13.13	H
	7639.2	-57.31	-13	-44.31	-83.33	-60.47	8.38	11.54	H
	3819.6	-64.39	-13	-51.39	-81.58	-71.13	5.88	12.62	V
	5729.4	-62.24	-13	-49.24	-83.58	-68.05	7.32	13.13	V
	7639.2	-57.30	-13	-44.30	-83.17	-60.46	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	-64.47	-13	-51.47	-81.39	-71.23	5.82	12.58	H
	5550.6	-62.28	-13	-49.28	-83.19	-68.00	7.28	13.00	H
	7400.8	-56.90	-13	-43.90	-83.74	-60.06	8.32	11.48	H
	3700.4	-64.47	-13	-51.47	-81.42	-71.23	5.82	12.58	V
	5550.6	-62.63	-13	-49.63	-83.74	-68.35	7.28	13.00	V
	7400.8	-56.87	-13	-43.87	-83.39	-60.03	8.32	11.48	V
Middle	3760	-64.08	-13	-51.08	-81.08	-70.83	5.85	12.60	H
	5640	-62.52	-13	-49.52	-83.19	-68.32	7.30	13.10	H
	7520	-57.21	-13	-44.21	-83.48	-60.36	8.35	11.50	H
	3760	-64.59	-13	-51.59	-81.63	-71.34	5.85	12.60	V
	5640	-62.42	-13	-49.42	-83.49	-68.22	7.30	13.10	V
	7520	-57.42	-13	-44.42	-83.5	-60.57	8.35	11.50	V
Highest	3819.6	-64.20	-13	-51.20	-81.33	-70.94	5.88	12.62	H
	5729.4	-62.14	-13	-49.14	-83.15	-67.95	7.32	13.13	H
	7639.2	-57.11	-13	-44.11	-83.13	-60.27	8.38	11.54	H
	3819.6	-64.44	-13	-51.44	-81.63	-71.18	5.88	12.62	V
	5729.4	-61.87	-13	-48.87	-83.21	-67.68	7.32	13.13	V
	7639.2	-57.36	-13	-44.36	-83.23	-60.52	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	-69.48	-13	-56.48	-78.58	-72.71	3.98	9.36	H
	2479.2	-67.16	-13	-54.16	-80.66	-70.71	4.85	10.55	H
	3305.6	-66.47	-13	-53.47	-82.01	-71.40	5.50	12.58	H
	1652.8	-70.22	-13	-57.22	-78.95	-73.45	3.98	9.36	V
	2479.2	-67.02	-13	-54.02	-80.45	-70.57	4.85	10.55	V
	3305.6	-66.50	-13	-53.50	-82.09	-71.43	5.50	12.58	V
Middle	1672.8	-69.99	-13	-56.99	-78.84	-73.24	4.00	9.40	H
	2509.2	-66.79	-13	-53.79	-80.27	-70.36	4.88	10.60	H
	3345.6	-66.26	-13	-53.26	-81.73	-71.19	5.52	12.60	H
	1672.8	-70.21	-13	-57.21	-78.85	-73.46	4.00	9.40	V
	2509.2	-67.20	-13	-54.20	-80.53	-70.77	4.88	10.60	V
	3345.6	-66.77	-13	-53.77	-82.24	-71.70	5.52	12.60	V
Highest	1693.2	-69.75	-13	-56.75	-78.73	-72.92	4.10	9.42	H
	2539.8	-67.18	-13	-54.18	-80.57	-70.76	4.90	10.63	H
	3386.4	-67.10	-13	-54.10	-82.27	-72.02	5.55	12.62	H
	1693.2	-70.14	-13	-57.14	-78.92	-73.31	4.10	9.42	V
	2539.8	-67.04	-13	-54.04	-80.33	-70.62	4.90	10.63	V
	3386.4	-66.86	-13	-53.86	-82.06	-71.78	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	3700.4	-63.11	-13	-50.11	-80.03	-69.87	5.82	12.58	H
	5550.6	-61.99	-13	-48.99	-82.90	-67.71	7.28	13.00	H
	7400.8	-56.70	-13	-43.70	-83.54	-59.86	8.32	11.48	H
	3700.4	-64.15	-13	-51.15	-81.1	-70.91	5.82	12.58	V
	5550.6	-60.55	-13	-47.55	-81.66	-66.27	7.28	13.00	V
	7400.8	-56.92	-13	-43.92	-83.44	-60.08	8.32	11.48	V
Middle	3700.4	-64.15	-13	-51.15	-81.07	-70.90	5.85	12.60	H
	5550.6	-62.56	-13	-49.56	-83.47	-68.36	7.30	13.10	H
	7400.8	-56.25	-13	-43.25	-83.09	-59.40	8.35	11.50	H
	3700.4	-64.18	-13	-51.18	-81.13	-70.93	5.85	12.60	V
	5550.6	-62.23	-13	-49.23	-83.34	-68.03	7.30	13.10	V
	7400.8	-57.02	-13	-44.02	-83.54	-60.17	8.35	11.50	V
Highest	3819.6	-62.27	-13	-49.27	-79.40	-69.01	5.88	12.62	H
	5729.4	-62.41	-13	-49.41	-83.42	-68.22	7.32	13.13	H
	7639.2	-57.21	-13	-44.21	-83.23	-60.37	8.38	11.54	H
	3819.6	-64.42	-13	-51.42	-81.61	-71.16	5.88	12.62	V
	5729.4	-61.62	-13	-48.62	-82.96	-67.43	7.32	13.13	V
	7639.2	-56.86	-13	-43.86	-82.73	-60.02	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	-66.45	-13	-53.45	-81.77	-73.33	5.60	12.48	H
	5137.2	-63.09	-13	-50.09	-83.18	-68.77	7.10	12.78	H
	6849.6	-58.70	-13	-45.70	-83.59	-62.09	8.38	11.77	H
	3424.8	-66.63	-13	-53.63	-81.99	-73.51	5.60	12.48	V
	5137.2	-62.70	-13	-49.70	-83.22	-68.38	7.10	12.78	V
	6849.6	-59.08	-13	-46.08	-84.2	-62.47	8.38	11.77	V
Middle	3465.2	-65.50	-13	-52.50	-81.12	-72.35	5.65	12.50	H
	5197.8	-63.69	-13	-50.69	-83.86	-69.36	7.13	12.80	H
	6930.4	-58.94	-13	-45.94	-84.23	-62.34	8.40	11.80	H
	3465.2	-65.76	-13	-52.76	-81.41	-72.61	5.65	12.50	V
	5197.8	-63.20	-13	-50.20	-83.82	-68.87	7.13	12.80	V
	6930.4	-59.04	-13	-46.04	-84.44	-62.44	8.40	11.80	V
Highest	3505.2	-66.06	-13	-53.06	-81.97	-72.90	5.68	12.52	H
	5257.8	-64.28	-13	-51.28	-83.92	-69.95	7.15	12.82	H
	7010.4	-58.34	-13	-45.34	-83.99	-61.77	8.42	11.85	H
	3505.2	-65.72	-13	-52.72	-81.66	-72.56	5.68	12.52	V
	5257.8	-64.41	-13	-51.41	-84.06	-70.08	7.15	12.82	V
	7010.4	-57.96	-13	-44.96	-83.71	-61.39	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	-69.51	-13	-56.51	-78.58	-72.74	3.98	9.36	H
	2474.1	-67.08	-13	-54.08	-80.58	-70.63	4.85	10.55	H
	3298.8	-66.57	-13	-53.57	-82.15	-71.50	5.50	12.58	H
	1649.4	-70.11	-13	-57.11	-78.81	-73.34	3.98	9.36	V
	2474.1	-67.03	-13	-54.03	-80.46	-70.58	4.85	10.55	V
	3298.8	-66.60	-13	-53.60	-82.25	-71.53	5.50	12.58	V
Middle	1673.04	-70.24	-13	-57.24	-79.09	-73.49	4.00	9.40	H
	2509.56	-67.15	-13	-54.15	-80.63	-70.72	4.88	10.60	H
	3346.08	-66.40	-13	-53.40	-81.87	-71.33	5.52	12.60	H
	1673.04	-70.37	-13	-57.37	-79.01	-73.62	4.00	9.40	V
	2509.56	-67.34	-13	-54.34	-80.67	-70.91	4.88	10.60	V
	3346.08	-67.00	-13	-54.00	-82.47	-71.93	5.52	12.60	V
Highest	1696.62	-69.63	-13	-56.63	-78.61	-72.80	4.10	9.42	H
	2544.93	-66.95	-13	-53.95	-80.35	-70.53	4.90	10.63	H
	3393.24	-67.46	-13	-54.46	-82.49	-72.38	5.55	12.62	H
	1696.62	-70.10	-13	-57.10	-78.88	-73.27	4.10	9.42	V
	2544.93	-67.07	-13	-54.07	-80.37	-70.65	4.90	10.63	V
	3393.24	-66.88	-13	-53.88	-81.94	-71.80	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	-61.60	-13	-48.60	-78.52	-68.36	5.82	12.58	H
	5553.75	-59.94	-13	-46.94	-80.85	-65.66	7.28	13.00	H
	7405	-56.00	-13	-43.00	-82.84	-59.16	8.32	11.48	H
	3702.5	-62.99	-13	-49.99	-79.94	-69.75	5.82	12.58	V
	5553.75	-60.22	-13	-47.22	-81.33	-65.94	7.28	13.00	V
	7405	-56.29	-13	-43.29	-82.81	-59.45	8.32	11.48	V
Middle	3760	-64.04	-13	-51.04	-81.04	-70.79	5.85	12.60	H
	5640	-62.17	-13	-49.17	-82.84	-67.97	7.30	13.10	H
	7520	-56.85	-13	-43.85	-83.12	-60.00	8.35	11.50	H
	3760	-63.90	-13	-50.90	-80.94	-70.65	5.85	12.60	V
	5640	-62.05	-13	-49.05	-83.12	-67.85	7.30	13.10	V
	7520	-57.01	-13	-44.01	-83.09	-60.16	8.35	11.50	V
Highest	3817.5	-64.25	-13	-51.25	-81.39	-70.99	5.88	12.62	H
	5726.25	-62.09	-13	-49.09	-83.10	-67.90	7.32	13.13	H
	7635	-56.68	-13	-43.68	-82.69	-59.84	8.38	11.54	H
	3817.5	-64.22	-13	-51.22	-81.42	-70.96	5.88	12.62	V
	5726.25	-61.90	-13	-48.90	-83.24	-67.71	7.32	13.13	V
	7635	-57.45	-13	-44.45	-83.32	-60.61	8.38	11.54	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	-69.92	-13	-56.92	-78.99	-73.15	3.98	9.36	H
	2472.6	-67.09	-13	-54.09	-80.59	-70.64	4.85	10.55	H
	3296.8	-66.13	-13	-53.13	-81.71	-71.06	5.50	12.58	H
	1648.4	-70.35	-13	-57.35	-79.05	-73.58	3.98	9.36	V
	2472.6	-66.92	-13	-53.92	-80.35	-70.47	4.85	10.55	V
	3296.8	-66.39	-13	-53.39	-82.04	-71.32	5.50	12.58	V
Middle	1672.8	-69.79	-13	-56.79	-78.64	-73.04	4.00	9.40	H
	2509.2	-67.04	-13	-54.04	-80.52	-70.61	4.88	10.60	H
	3345.6	-66.55	-13	-53.55	-82.02	-71.48	5.52	12.60	H
	1672.8	-70.27	-13	-57.27	-78.91	-73.52	4.00	9.40	V
	2509.2	-66.47	-13	-53.47	-79.80	-70.04	4.88	10.60	V
	3345.6	-66.49	-13	-53.49	-81.96	-71.42	5.52	12.60	V
Highest	1697.6	-69.93	-13	-56.93	-78.91	-73.10	4.10	9.42	H
	2546.4	-66.86	-13	-53.86	-80.26	-70.44	4.90	10.63	H
	3395.2	-67.47	-13	-54.47	-82.50	-72.39	5.55	12.62	H
	1697.6	-70.00	-13	-57.00	-78.78	-73.17	4.10	9.42	V
	2546.4	-66.80	-13	-53.80	-80.10	-70.38	4.90	10.63	V
	3395.2	-67.24	-13	-54.24	-82.30	-72.16	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	-70.27	-13	-57.27	-79.34	-73.50	3.98	9.36	H
	2472.6	-67.07	-13	-54.07	-80.57	-70.62	4.85	10.55	H
	3296.8	-66.64	-13	-53.64	-82.22	-71.57	5.50	12.58	H
	1648.4	-70.15	-13	-57.15	-78.85	-73.38	3.98	9.36	V
	2472.6	-67.09	-13	-54.09	-80.52	-70.64	4.85	10.55	V
	3296.8	-66.62	-13	-53.62	-82.27	-71.55	5.50	12.58	V
Middle	1672.8	-69.81	-13	-56.81	-78.66	-73.06	4.00	9.40	H
	2509.2	-66.68	-13	-53.68	-80.16	-70.25	4.88	10.60	H
	3345.6	-66.77	-13	-53.77	-82.24	-71.70	5.52	12.60	H
	1672.8	-70.33	-13	-57.33	-78.97	-73.58	4.00	9.40	V
	2509.2	-67.52	-13	-54.52	-80.85	-71.09	4.88	10.60	V
	3345.6	-66.66	-13	-53.66	-82.13	-71.59	5.52	12.60	V
Highest	1697.6	-69.90	-13	-56.90	-78.88	-73.07	4.10	9.42	H
	2546.4	-67.33	-13	-54.33	-80.73	-70.91	4.90	10.63	H
	3395.2	-67.31	-13	-54.31	-82.34	-72.23	5.55	12.62	H
	1697.6	-70.07	-13	-57.07	-78.85	-73.24	4.10	9.42	V
	2546.4	-67.29	-13	-54.29	-80.59	-70.87	4.90	10.63	V
	3395.2	-66.66	-13	-53.66	-81.72	-71.58	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	-64.39	-13	-51.39	-81.31	-71.15	5.82	12.58	H
	5550.6	-62.50	-13	-49.50	-83.41	-68.22	7.28	13.00	H
	7400.8	-56.46	-13	-43.46	-83.30	-59.62	8.32	11.48	H
	3700.4	-64.19	-13	-51.19	-81.14	-70.95	5.82	12.58	V
	5550.6	-62.47	-13	-49.47	-83.58	-68.19	7.28	13.00	V
	7400.8	-56.98	-13	-43.98	-83.5	-60.14	8.32	11.48	V
Middle	3760	-64.04	-13	-51.04	-81.04	-70.79	5.85	12.60	H
	5640	-61.90	-13	-48.90	-82.57	-67.70	7.30	13.10	H
	7520	-56.89	-13	-43.89	-83.16	-60.04	8.35	11.50	H
	3760	-64.38	-13	-51.38	-81.42	-71.13	5.85	12.60	V
	5640	-62.14	-13	-49.14	-83.21	-67.94	7.30	13.10	V
	7520	-57.51	-13	-44.51	-83.59	-60.66	8.35	11.50	V
Highest	3819.6	-64.24	-13	-51.24	-81.37	-70.98	5.88	12.62	H
	5729.4	-62.45	-13	-49.45	-83.46	-68.26	7.32	13.13	H
	7639.2	-57.28	-13	-44.28	-83.30	-60.44	8.38	11.54	H
	3819.6	-64.32	-13	-51.32	-81.51	-71.06	5.88	12.62	V
	5729.4	-62.13	-13	-49.13	-83.47	-67.94	7.32	13.13	V
	7639.2	-57.40	-13	-44.40	-83.27	-60.56	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	-64.22	-13	-51.22	-81.14	-70.98	5.82	12.58	H
	5550.6	-62.32	-13	-49.32	-83.23	-68.04	7.28	13.00	H
	7400.8	-56.82	-13	-43.82	-83.66	-59.98	8.32	11.48	H
	3700.4	-64.07	-13	-51.07	-81.02	-70.83	5.82	12.58	V
	5550.6	-62.51	-13	-49.51	-83.62	-68.23	7.28	13.00	V
	7400.8	-56.90	-13	-43.90	-83.42	-60.06	8.32	11.48	V
Middle	3760	-64.53	-13	-51.53	-81.53	-71.28	5.85	12.60	H
	5640	-62.87	-13	-49.87	-83.54	-68.67	7.30	13.10	H
	7520	-57.17	-13	-44.17	-83.44	-60.32	8.35	11.50	H
	3760	-64.38	-13	-51.38	-81.42	-71.13	5.85	12.60	V
	5640	-62.39	-13	-49.39	-83.46	-68.19	7.30	13.10	V
	7520	-57.37	-13	-44.37	-83.45	-60.52	8.35	11.50	V
Highest	3819.6	-64.55	-13	-51.55	-81.68	-71.29	5.88	12.62	H
	5729.4	-62.38	-13	-49.38	-83.39	-68.19	7.32	13.13	H
	7639.2	-56.79	-13	-43.79	-82.81	-59.95	8.38	11.54	H
	3819.6	-64.55	-13	-51.55	-81.74	-71.29	5.88	12.62	V
	5729.4	-61.75	-13	-48.75	-83.09	-67.56	7.32	13.13	V
	7639.2	-57.54	-13	-44.54	-83.41	-60.70	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	-69.61	-13	-56.61	-78.71	-72.84	3.98	9.36	H
	2479.2	-66.84	-13	-53.84	-80.34	-70.39	4.85	10.55	H
	3305.6	-66.44	-13	-53.44	-81.98	-71.37	5.50	12.58	H
	1652.8	-69.76	-13	-56.76	-78.49	-72.99	3.98	9.36	V
	2479.2	-67.33	-13	-54.33	-80.76	-70.88	4.85	10.55	V
	3305.6	-66.52	-13	-53.52	-82.11	-71.45	5.50	12.58	V
Middle	1672.8	-70.20	-13	-57.20	-79.05	-73.45	4.00	9.40	H
	2509.2	-67.07	-13	-54.07	-80.55	-70.64	4.88	10.60	H
	3345.6	-66.56	-13	-53.56	-82.03	-71.49	5.52	12.60	H
	1672.8	-69.93	-13	-56.93	-78.57	-73.18	4.00	9.40	V
	2509.2	-67.39	-13	-54.39	-80.72	-70.96	4.88	10.60	V
	3345.6	-66.80	-13	-53.80	-82.27	-71.73	5.52	12.60	V
Highest	1693.2	-69.63	-13	-56.63	-78.61	-72.80	4.10	9.42	H
	2539.8	-66.68	-13	-53.68	-80.07	-70.26	4.90	10.63	H
	3386.4	-67.41	-13	-54.41	-82.58	-72.33	5.55	12.62	H
	1693.2	-69.89	-13	-56.89	-78.67	-73.06	4.10	9.42	V
	2539.8	-67.45	-13	-54.45	-80.74	-71.03	4.90	10.63	V
	3386.4	-66.83	-13	-53.83	-82.03	-71.75	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	3700.4	-64.20	-13	-51.20	-81.12	-70.96	5.82	12.58	H
	5550.6	-62.24	-13	-49.24	-83.15	-67.96	7.28	13.00	H
	7400.8	-56.91	-13	-43.91	-83.75	-60.07	8.32	11.48	H
	3700.4	-64.16	-13	-51.16	-81.11	-70.92	5.82	12.58	V
	5550.6	-62.02	-13	-49.02	-83.13	-67.74	7.28	13.00	V
	7400.8	-56.72	-13	-43.72	-83.24	-59.88	8.32	11.48	V
Middle	3760	-64.42	-13	-51.42	-81.42	-71.17	5.85	12.60	H
	5640	-62.47	-13	-49.47	-83.14	-68.27	7.30	13.10	H
	7520	-56.67	-13	-43.67	-82.94	-59.82	8.35	11.50	H
	3760	-64.01	-13	-51.01	-81.05	-70.76	5.85	12.60	V
	5640	-62.36	-13	-49.36	-83.43	-68.16	7.30	13.10	V
	7520	-57.24	-13	-44.24	-83.32	-60.39	8.35	11.50	V
Highest	3819.6	-64.67	-13	-51.67	-81.80	-71.41	5.88	12.62	H
	5729.4	-61.92	-13	-48.92	-82.93	-67.73	7.32	13.13	H
	7639.2	-57.42	-13	-44.42	-83.44	-60.58	8.38	11.54	H
	3819.6	-63.03	-13	-50.03	-80.22	-69.77	5.88	12.62	V
	5729.4	-61.71	-13	-48.71	-83.05	-67.52	7.32	13.13	V
	7639.2	-57.43	-13	-44.43	-83.3	-60.59	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	-63.11	-13	-50.11	-78.43	-69.99	5.60	12.48	H
	5137.2	-60.76	-13	-47.76	-80.85	-66.44	7.10	12.78	H
	6849.6	-59.10	-13	-46.10	-83.99	-62.49	8.38	11.77	H
	3424.8	-65.00	-13	-52.00	-80.36	-71.88	5.60	12.48	V
	5137.2	-57.26	-13	-44.26	-77.78	-62.94	7.10	12.78	V
	6849.6	-58.60	-13	-45.60	-83.72	-61.99	8.38	11.77	V
Middle	3465.2	-61.18	-13	-48.18	-76.80	-68.03	5.65	12.50	H
	5197.8	-60.15	-13	-47.15	-80.32	-65.82	7.13	12.80	H
	6930.4	-58.88	-13	-45.88	-84.17	-62.28	8.40	11.80	H
	3465.2	-64.87	-13	-51.87	-80.52	-71.72	5.65	12.50	V
	5197.8	-57.97	-13	-44.97	-78.59	-63.64	7.13	12.80	V
	6930.4	-58.80	-13	-45.80	-84.2	-62.20	8.40	11.80	V
Highest	3505.2	-61.89	-13	-48.89	-77.80	-68.73	5.68	12.52	H
	5257.8	-61.70	-13	-48.70	-81.34	-67.37	7.15	12.82	H
	7010.4	-58.24	-13	-45.24	-83.89	-61.67	8.42	11.85	H
	3505.2	-65.23	-13	-52.23	-81.17	-72.07	5.68	12.52	V
	5257.8	-61.05	-13	-48.05	-80.7	-66.72	7.15	12.82	V
	7010.4	-58.38	-13	-45.38	-84.13	-61.81	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	-69.89	-13	-56.89	-78.96	-73.12	3.98	9.36	H
	2474.1	-67.01	-13	-54.01	-80.51	-70.56	4.85	10.55	H
	3298.8	-66.60	-13	-53.60	-82.18	-71.53	5.50	12.58	H
	1649.4	-70.33	-13	-57.33	-79.03	-73.56	3.98	9.36	V
	2474.1	-66.83	-13	-53.83	-80.26	-70.38	4.85	10.55	V
	3298.8	-66.49	-13	-53.49	-82.14	-71.42	5.50	12.58	V
Middle	1673.04	-70.22	-13	-57.22	-79.07	-73.47	4.00	9.40	H
	2509.56	-66.82	-13	-53.82	-80.30	-70.39	4.88	10.60	H
	3346.08	-67.13	-13	-54.13	-82.60	-72.06	5.52	12.60	H
	1673.04	-70.30	-13	-57.30	-78.94	-73.55	4.00	9.40	V
	2509.56	-67.57	-13	-54.57	-80.90	-71.14	4.88	10.60	V
	3346.08	-66.80	-13	-53.80	-82.27	-71.73	5.52	12.60	V
Highest	1696.62	-69.71	-13	-56.71	-78.69	-72.88	4.10	9.42	H
	2544.93	-67.00	-13	-54.00	-80.40	-70.58	4.90	10.63	H
	3393.24	-67.12	-13	-54.12	-82.15	-72.04	5.55	12.62	H
	1696.62	-70.13	-13	-57.13	-78.91	-73.30	4.10	9.42	V
	2544.93	-67.14	-13	-54.14	-80.44	-70.72	4.90	10.63	V
	3393.24	-67.24	-13	-54.24	-82.30	-72.16	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	-64.11	-13	-51.11	-81.03	-70.87	5.82	12.58	H
	5553.75	-62.74	-13	-49.74	-83.65	-68.46	7.28	13.00	H
	7405	-56.63	-13	-43.63	-83.47	-59.79	8.32	11.48	H
	3702.5	-64.44	-13	-51.44	-81.39	-71.20	5.82	12.58	V
	5553.75	-62.38	-13	-49.38	-83.49	-68.10	7.28	13.00	V
	7405	-56.99	-13	-43.99	-83.51	-60.15	8.32	11.48	V
Middle	3760	-63.99	-13	-50.99	-80.99	-70.74	5.85	12.60	H
	5640	-62.57	-13	-49.57	-83.24	-68.37	7.30	13.10	H
	7520	-56.96	-13	-43.96	-83.23	-60.11	8.35	11.50	H
	3760	-63.51	-13	-50.51	-80.55	-70.26	5.85	12.60	V
	5640	-62.33	-13	-49.33	-83.4	-68.13	7.30	13.10	V
	7520	-57.31	-13	-44.31	-83.39	-60.46	8.35	11.50	V
Highest	3760	-64.41	-13	-51.41	-81.41	-71.15	5.88	12.62	H
	5640	-62.67	-13	-49.67	-83.34	-68.48	7.32	13.13	H
	7520	-57.16	-13	-44.16	-83.43	-60.32	8.38	11.54	H
	3760	-63.92	-13	-50.92	-80.96	-70.66	5.88	12.62	V
	5640	-62.31	-13	-49.31	-83.38	-68.12	7.32	13.13	V
	7520	-57.02	-13	-44.02	-83.1	-60.18	8.38	11.54	V

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