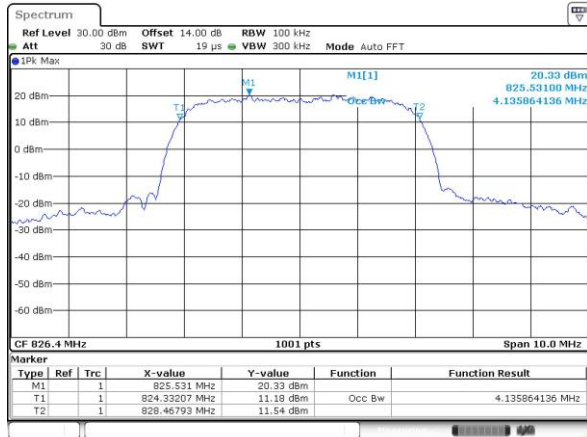




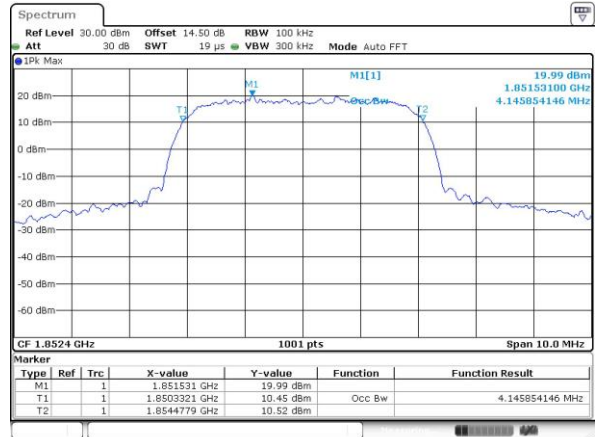
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

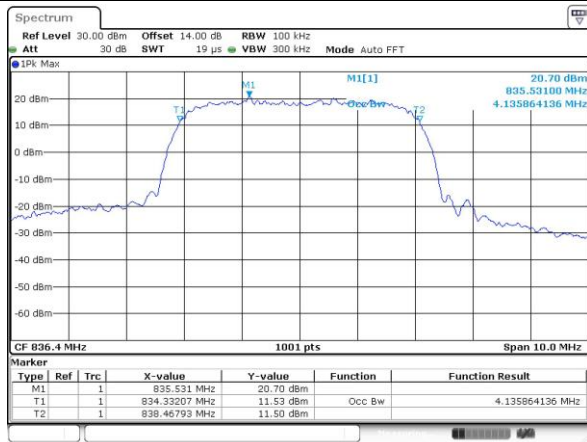


WCDMA Band II (RMC 12.2Kbps)

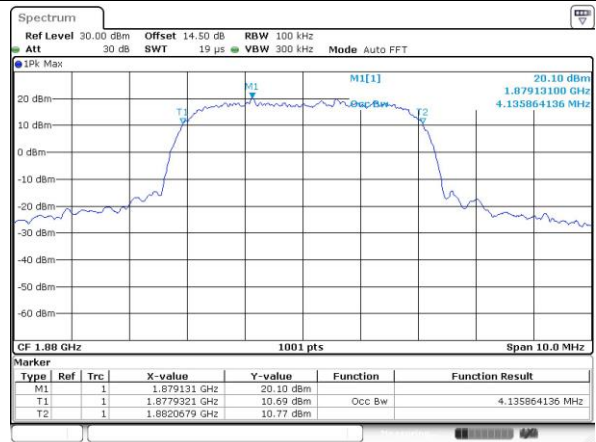
Lowest Channel



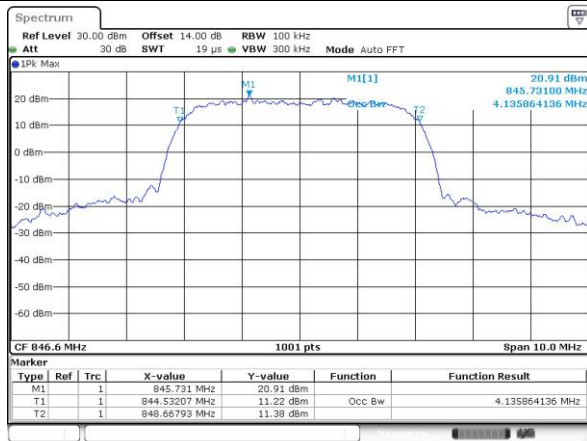
Middle Channel



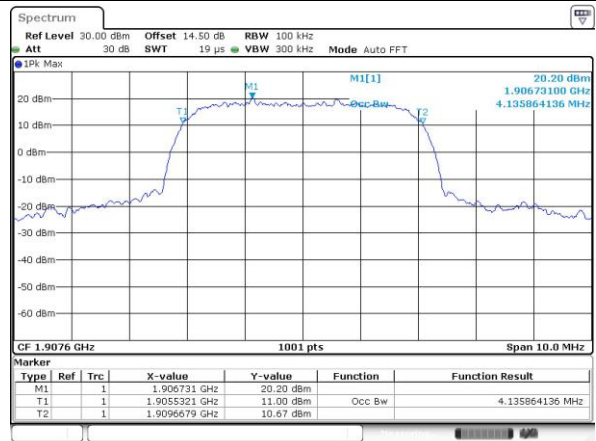
Middle Channel



Highest Channel

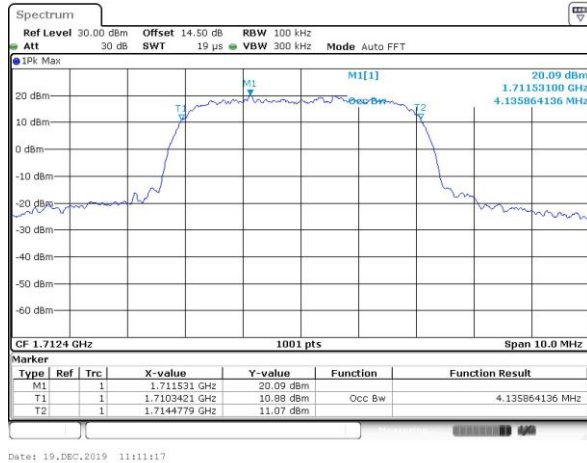


Highest Channel

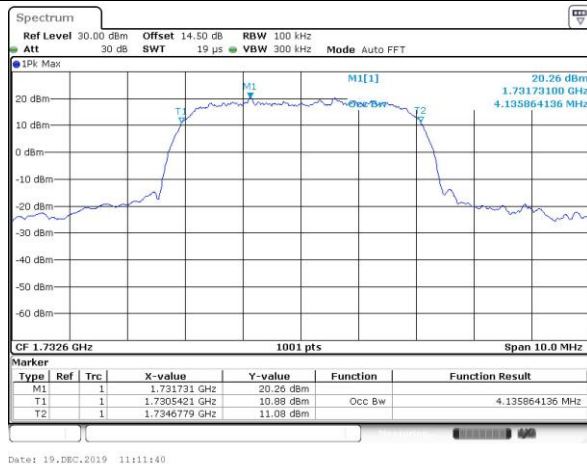


WCDMA Band IV (RMC 12.2Kbps)

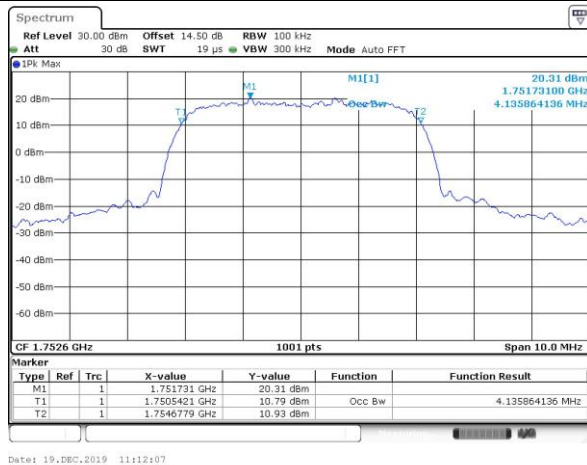
Lowest Channel



Middle Channel



Highest Channel

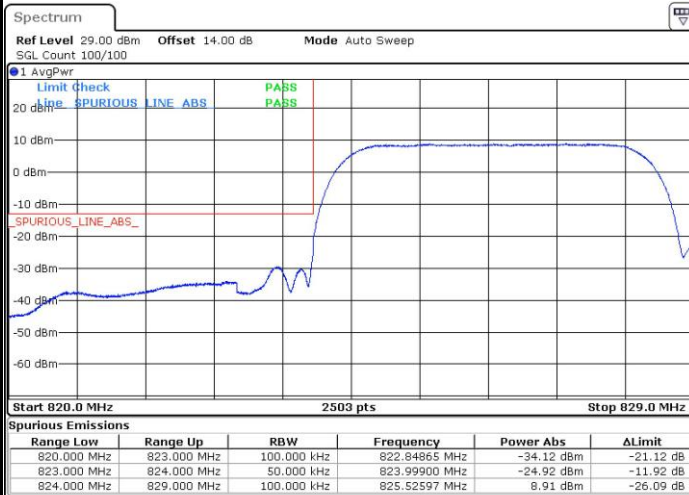




Conducted Band Edge

WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge

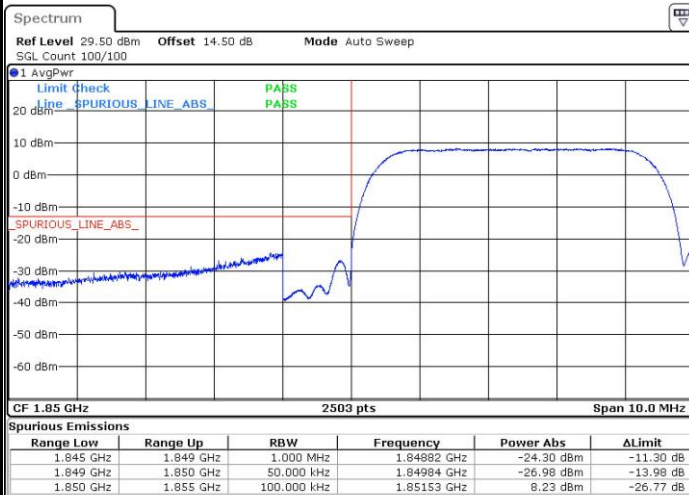


Highest Band Edge

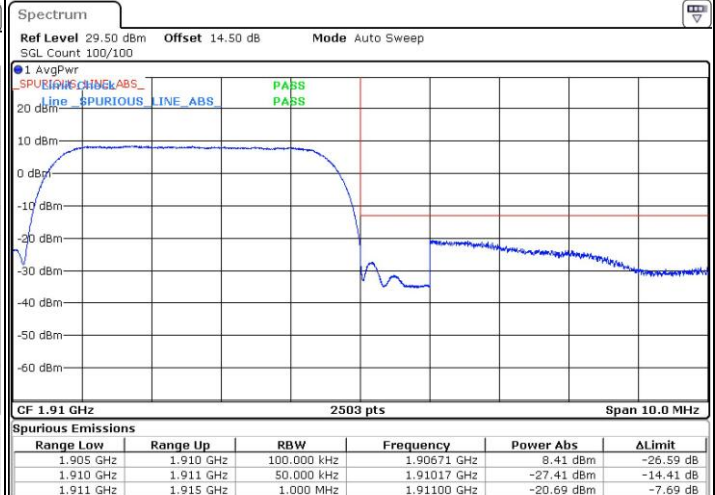


WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



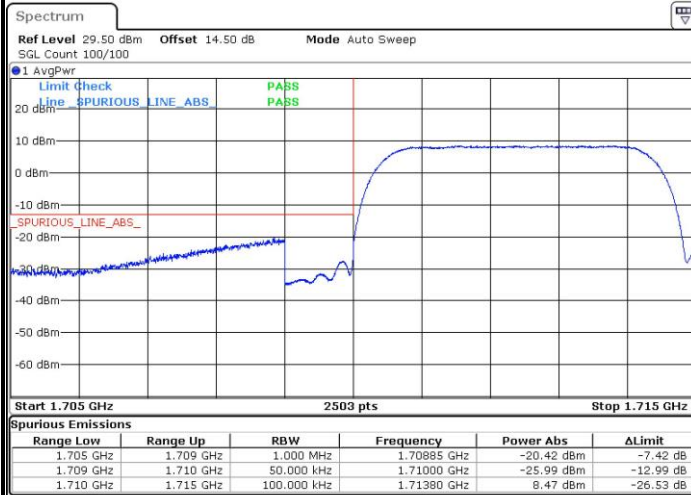
Highest Band Edge





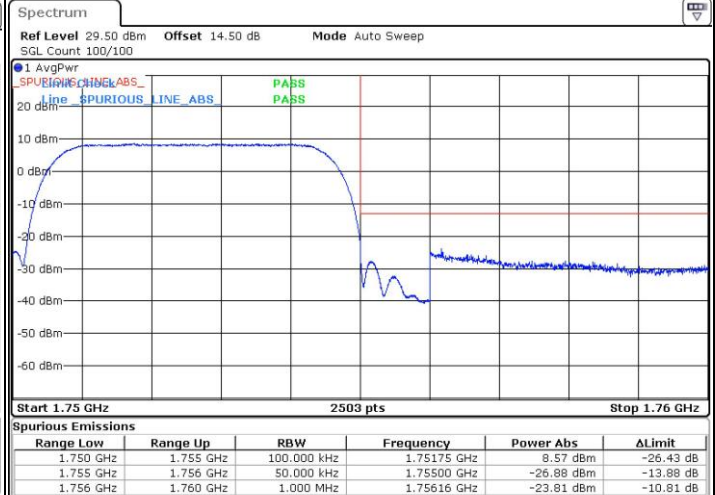
WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge



Date: 19.DEC.2019 11:14:06

Highest Band Edge



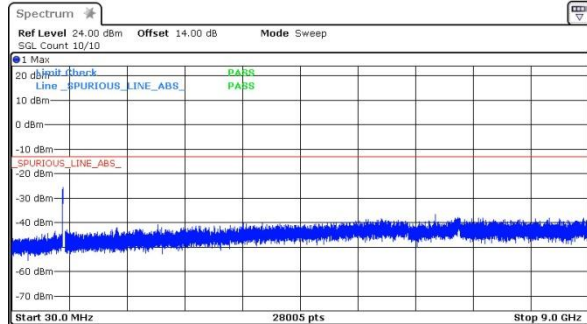
Date: 19.DEC.2019 11:16:06



Conducted Spurious Emission

WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

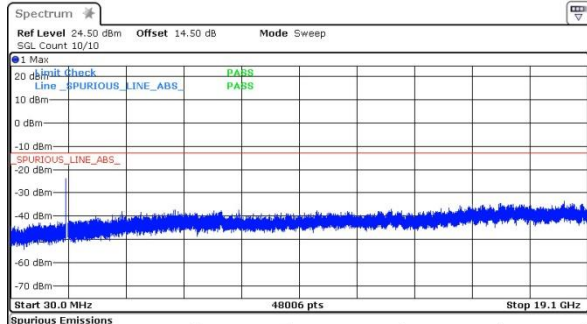


Range Low	Range Up	RBW	Frequency	Power Abs	ALimit
30.000 MHz	820.000 MHz	1.000 MHz	819.80260 MHz	-25.58 dBm	-12.58 dB
855.000 MHz	1.000 GHz	1.000 MHz	878.58696 MHz	-42.93 dBm	-29.93 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.29721 GHz	-40.88 dBm	-27.88 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.61630 GHz	-36.64 dBm	-23.64 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.38220 GHz	-37.97 dBm	-24.97 dB

Date: 19_DEC.2019 11:06:37

WCDMA Band II (RMC 12.2Kbps)

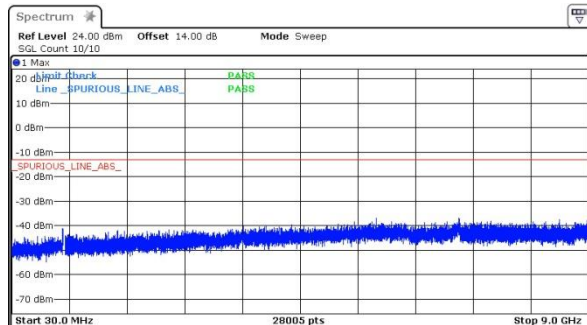
Lowest Channel



Range Low	Range Up	RBW	Frequency	Power Abs	ALimit
30.000 MHz	1.000 GHz	1.000 MHz	944.98001 MHz	-43.00 dBm	-30.00 dB
1.000 GHz	1.845 GHz	1.000 MHz	1.84268 GHz	-23.81 dBm	-10.81 dB
1.915 GHz	3.000 GHz	1.000 MHz	2.83788 GHz	-40.15 dBm	-27.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.45044 GHz	-37.53 dBm	-24.53 dB
7.000 GHz	13.600 GHz	1.000 MHz	12.60041 GHz	-37.09 dBm	-24.09 dB
13.600 GHz	19.100 GHz	1.000 MHz	18.31886 GHz	-33.57 dBm	-20.57 dB

Date: 19_DEC.2019 11:28:18

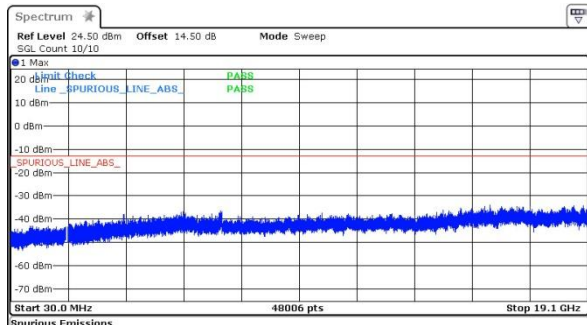
Middle Channel



Range Low	Range Up	RBW	Frequency	Power Abs	ALimit
30.000 MHz	820.000 MHz	1.000 MHz	819.01299 MHz	-41.09 dBm	-28.09 dB
855.000 MHz	1.000 GHz	1.000 MHz	915.39855 MHz	-43.39 dBm	-30.39 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85089 GHz	-41.77 dBm	-28.77 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.69991 GHz	-36.92 dBm	-23.92 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.54068 GHz	-37.61 dBm	-24.61 dB

Date: 19_DEC.2019 11:07:01

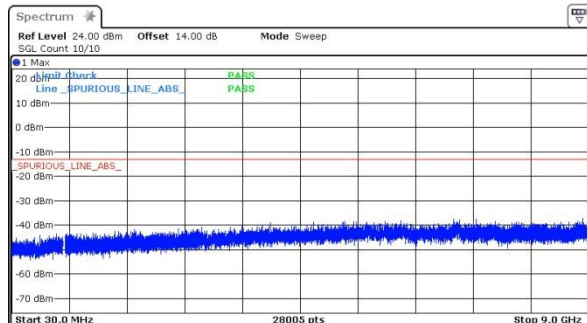
Middle Channel



Range Low	Range Up	RBW	Frequency	Power Abs	ALimit
30.000 MHz	1.000 GHz	1.000 MHz	698.72314 MHz	-43.21 dBm	-30.21 dB
1.000 GHz	1.845 GHz	1.000 MHz	1.25992 GHz	-42.98 dBm	-29.98 dB
1.915 GHz	3.000 GHz	1.000 MHz	2.91572 GHz	-40.16 dBm	-27.16 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95776 GHz	-36.63 dBm	-23.63 dB
7.000 GHz	13.600 GHz	1.000 MHz	10.30566 GHz	-37.49 dBm	-24.49 dB
13.600 GHz	19.100 GHz	1.000 MHz	15.85818 GHz	-33.94 dBm	-20.94 dB

Date: 19_DEC.2019 11:28:50

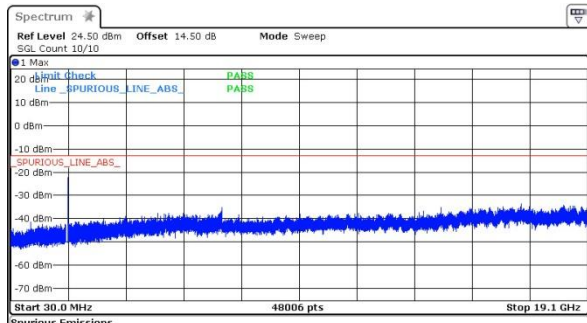
Highest Channel



Range Low	Range Up	RBW	Frequency	Power Abs	ALimit
30.000 MHz	820.000 MHz	1.000 MHz	721.10195 MHz	-43.60 dBm	-30.60 dB
855.000 MHz	1.000 GHz	1.000 MHz	877.06522 MHz	-43.37 dBm	-30.37 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98613 GHz	-40.66 dBm	-27.66 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90476 GHz	-37.56 dBm	-24.56 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.50964 GHz	-37.22 dBm	-24.22 dB

Date: 19_DEC.2019 11:07:21

Highest Channel



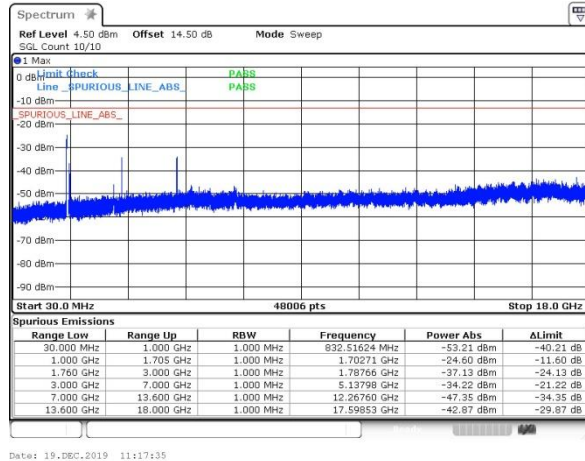
Range Low	Range Up	RBW	Frequency	Power Abs	ALimit
30.000 MHz	1.000 GHz	1.000 MHz	676.42429 MHz	-41.68 dBm	-28.68 dB
1.000 GHz	1.845 GHz	1.000 MHz	1.80847 GHz	-42.49 dBm	-29.49 dB
1.915 GHz	3.000 GHz	1.000 MHz	1.91520 GHz	-22.47 dBm	-9.47 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-35.39 dBm	-22.39 dB
7.000 GHz	13.600 GHz	1.000 MHz	13.53141 GHz	-37.45 dBm	-24.45 dB
13.600 GHz	19.100 GHz	1.000 MHz	16.90271 GHz	-33.54 dBm	-20.54 dB

Date: 19_DEC.2019 11:29:21

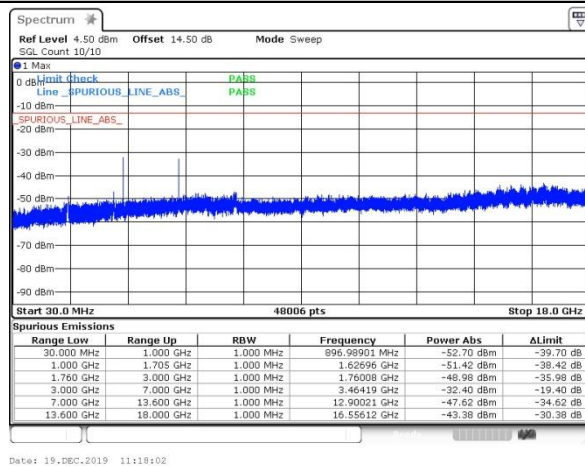


WCDMA Band IV (RMC 12.2Kbps)

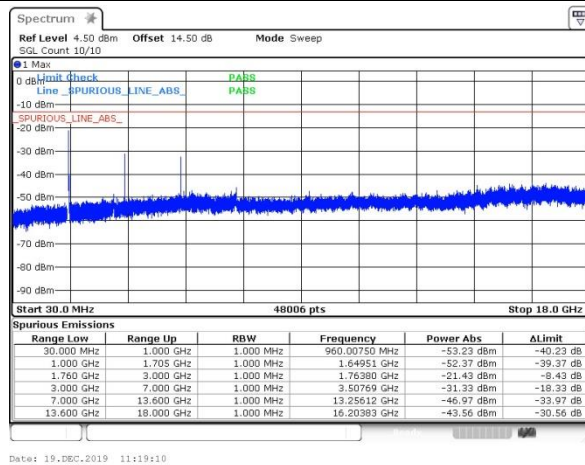
Lowest Channel



Middle Channel



Highest Channel



**Frequency Stability**

Test Conditions	Middle Channel	WCDMA Band V (RMC 12.2Kbps)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

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 II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0010	

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 IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0005	PASS
40	Normal Voltage	0.0000	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

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.



CDMA

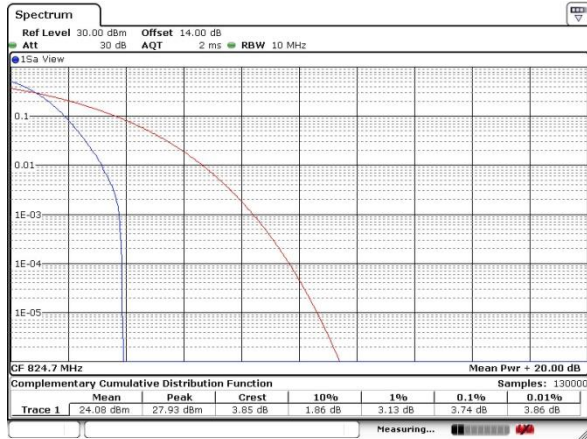
Peak-to-Average Ratio

Mode	CDMA BC0	CDMA BC1	Limit: 13dB
Mod.	1xRTT	1xRTT	Result
Lowest CH	3.74	3.71	PASS
Middle CH	3.74	3.74	
Highest CH	3.74	3.71	



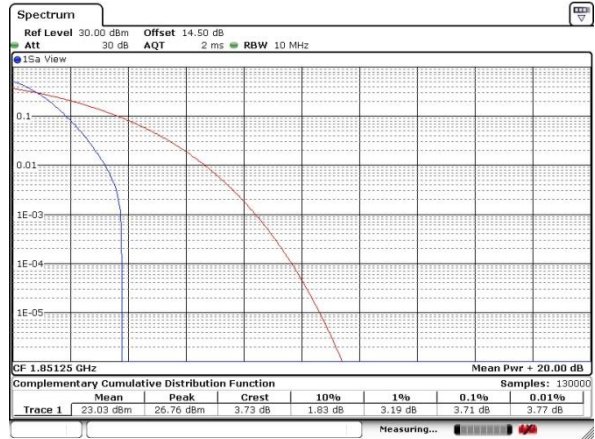
CDMA BC0 (1xRTT)

Lowest Channel

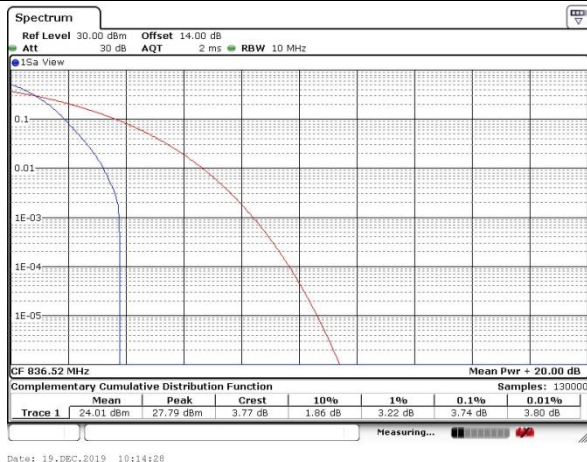


CDMA BC1 (1xRTT)

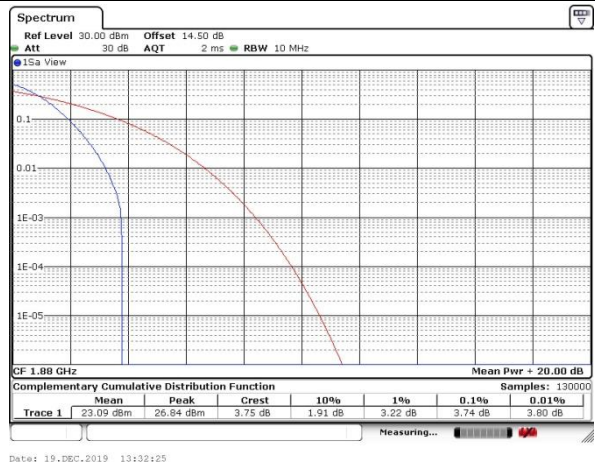
Lowest Channel



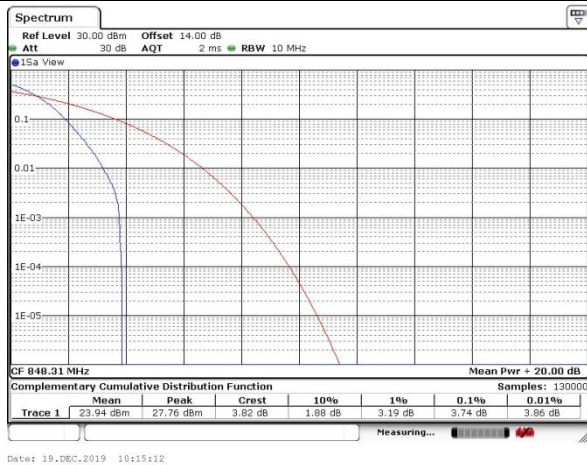
Middle Channel



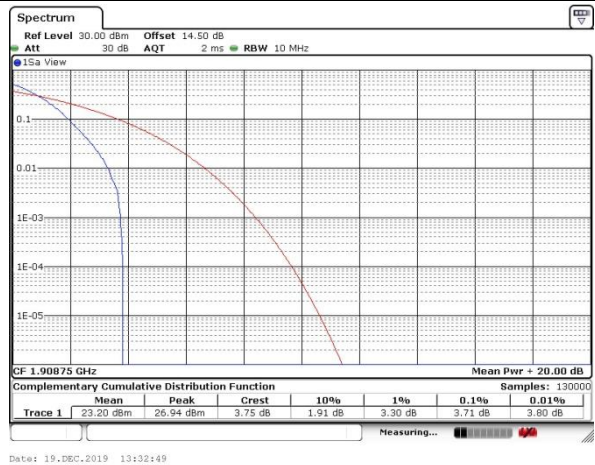
Middle Channel



Highest Channel



Highest Channel





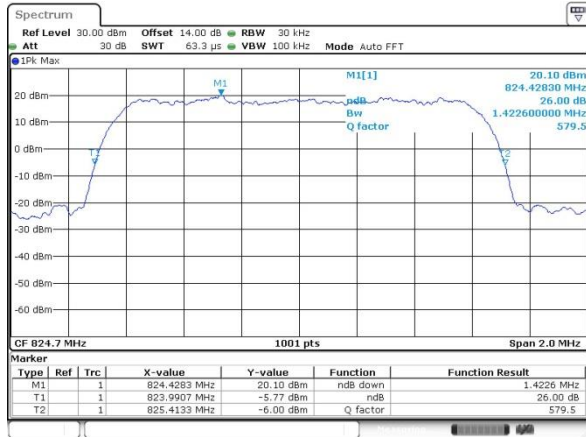
26dB Bandwidth

Mode	CDMA BC0	CDMA BC1
Mod.	1xRTT	1xRTT
Lowest CH	1.423	1.425
Middle CH	1.425	1.423
Highest CH	1.425	1.425



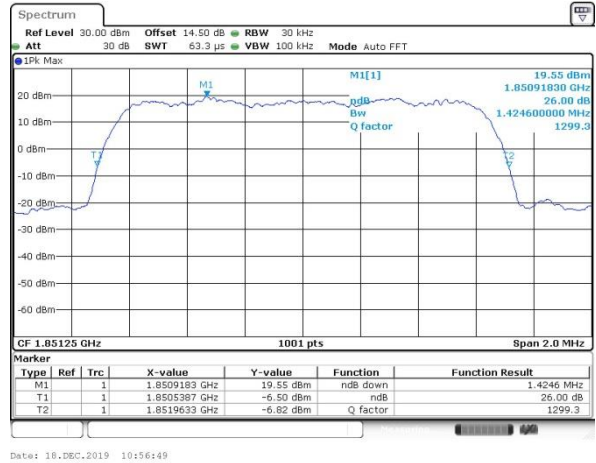
CDMA BC0 (1xRTT)

Lowest Channel

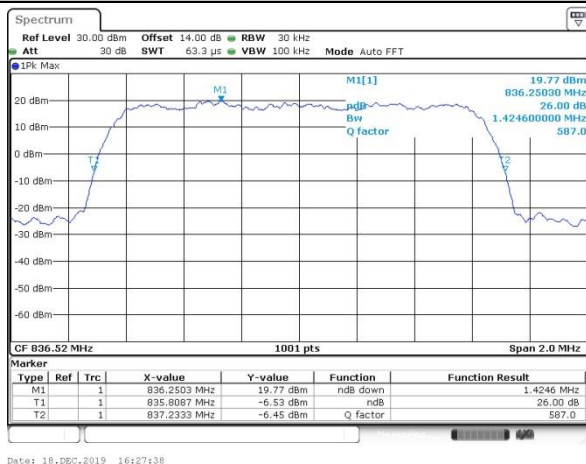


CDMA BC1 (1xRTT)

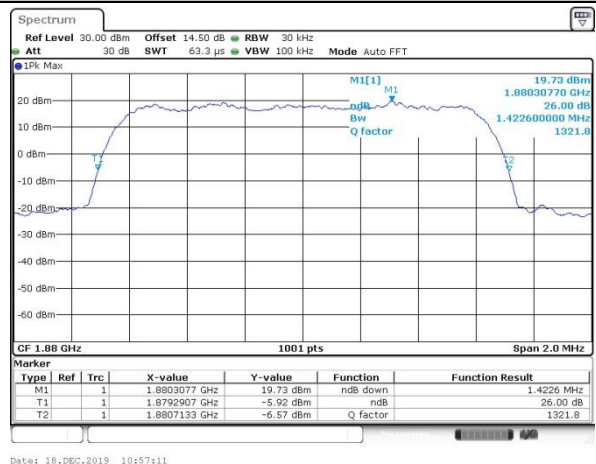
Lowest Channel



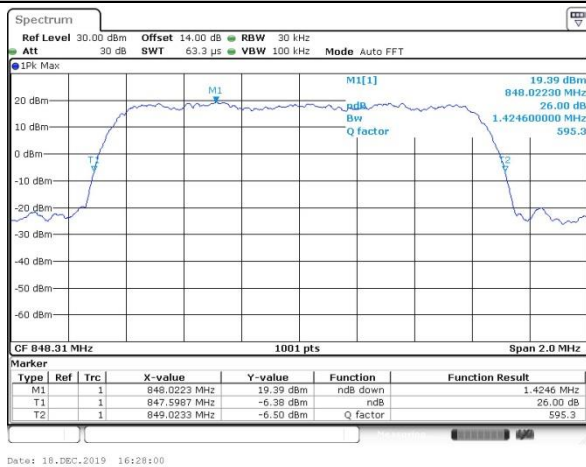
Middle Channel



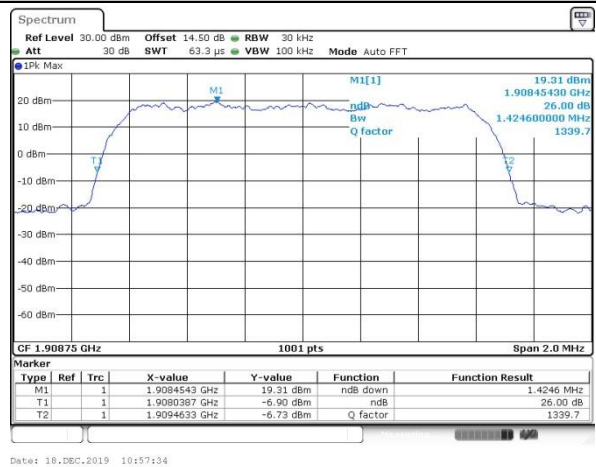
Middle Channel



Highest Channel



Highest Channel





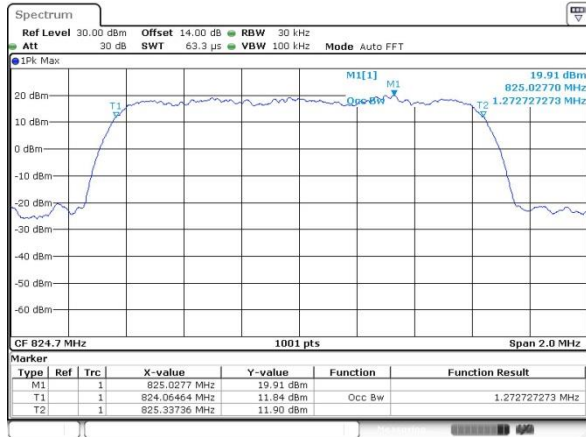
Occupied Bandwidth

Mode	CDMA BC0	CDMA BC1
Mod.	1xRTT	1xRTT
Lowest CH	1.27	1.27
Middle CH	1.27	1.27
Highest CH	1.27	1.27



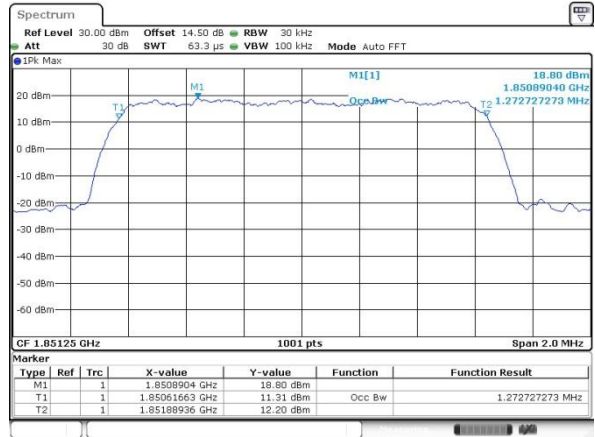
CDMA BC0 (1xRTT)

Lowest Channel

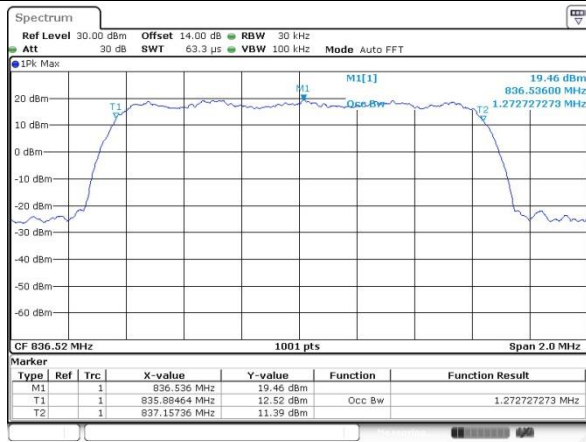


CDMA BC1 (1xRTT)

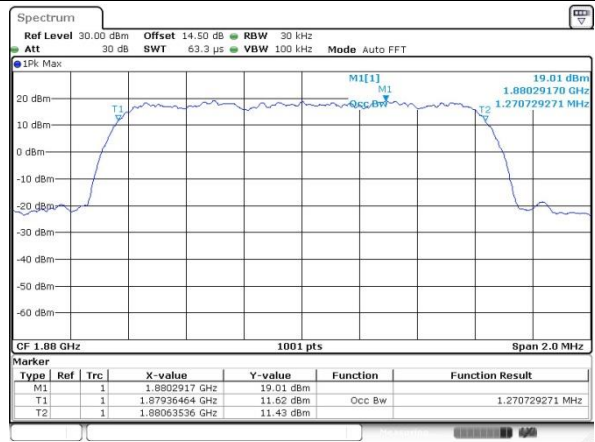
Lowest Channel



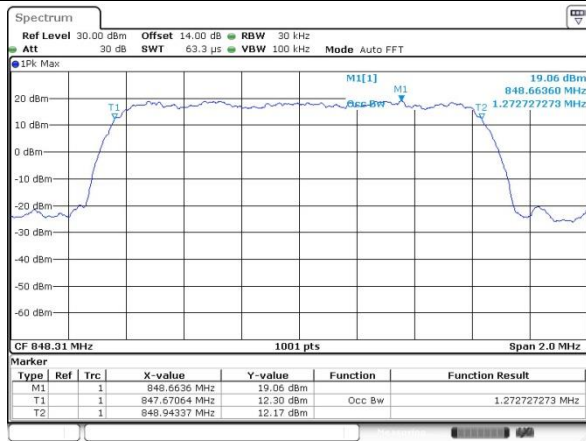
Middle Channel



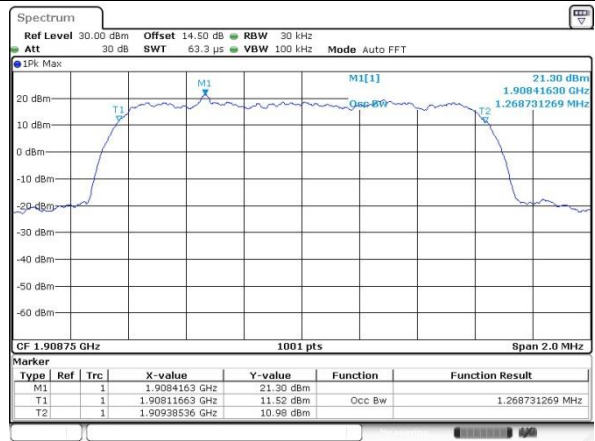
Middle Channel

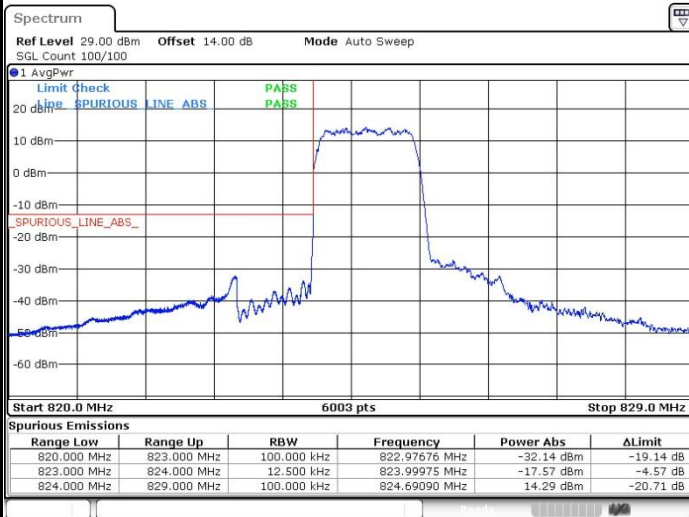
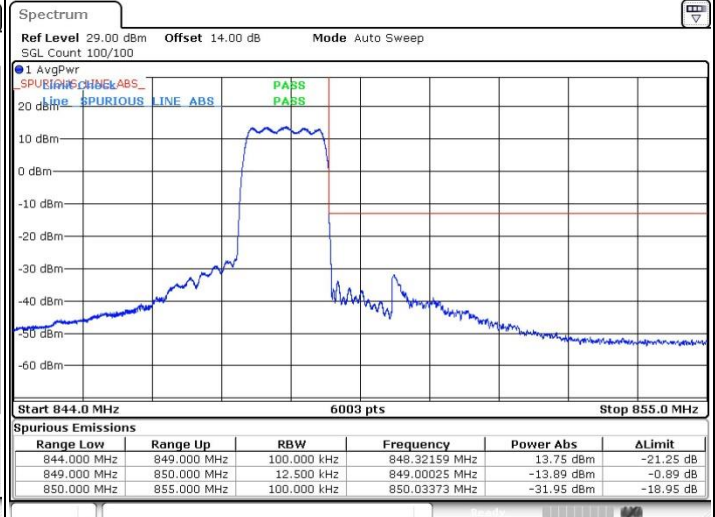
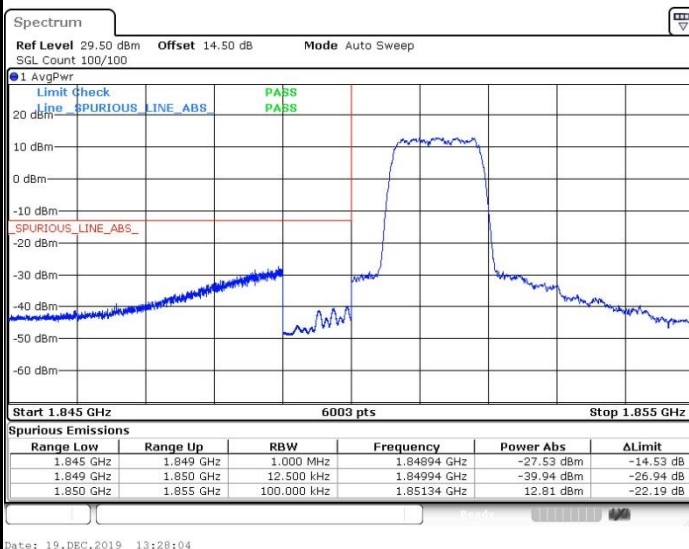
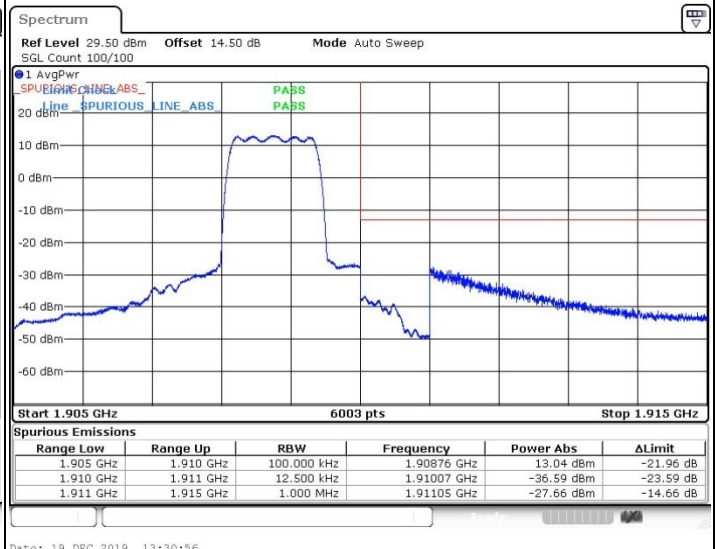


Highest Channel



Highest Channel



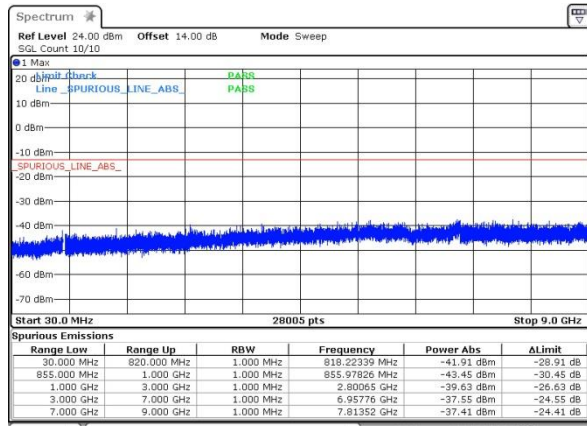
**Conducted Band Edge****CDMA BC0 (1xRTT)****Lowest Band Edge****Highest Band Edge****CDMA BC1 (1xRTT)****Lowest Band Edge****Highest Band Edge**



Conducted Spurious Emission

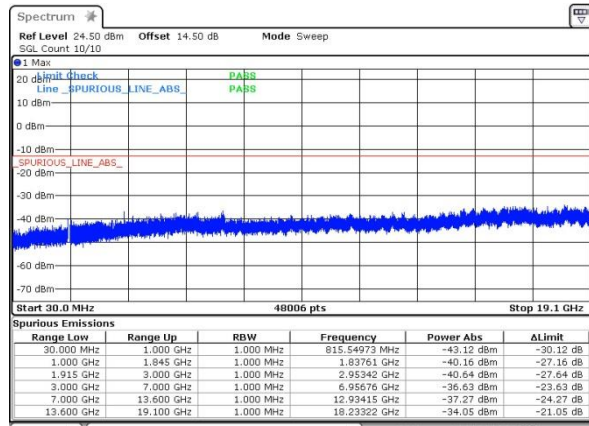
CDMA BC0 (1xRTT)

Lowest Channel

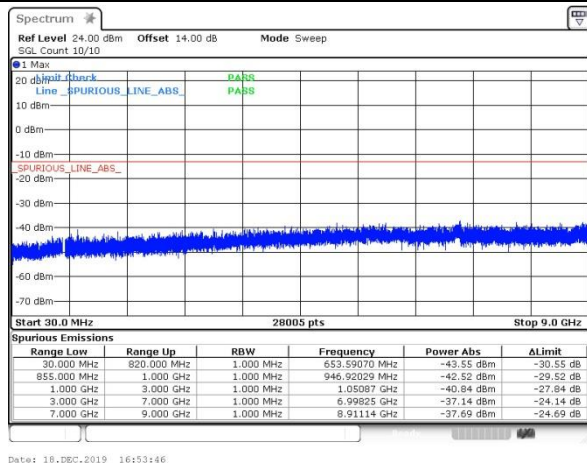


CDMA BC1 (1xRTT)

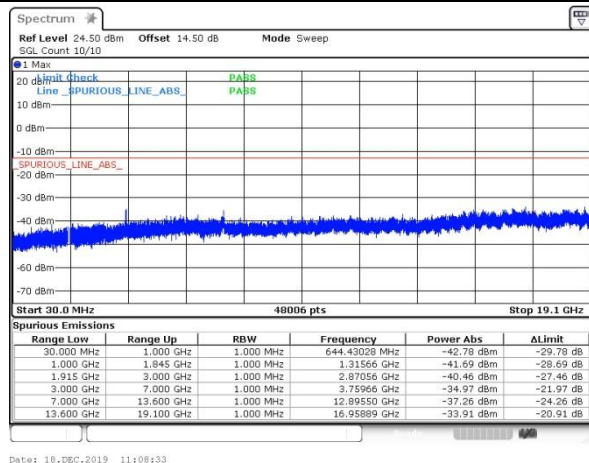
Lowest Channel



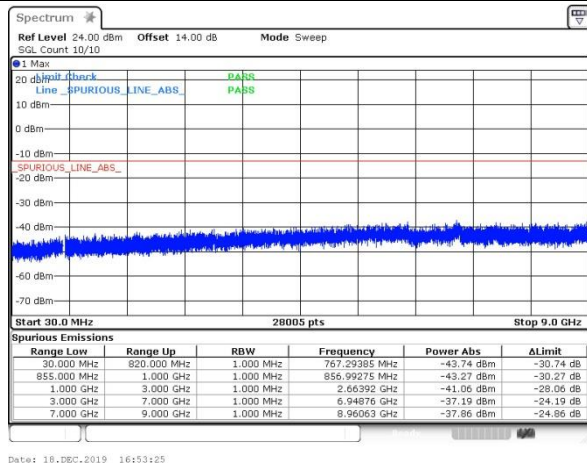
Middle Channel



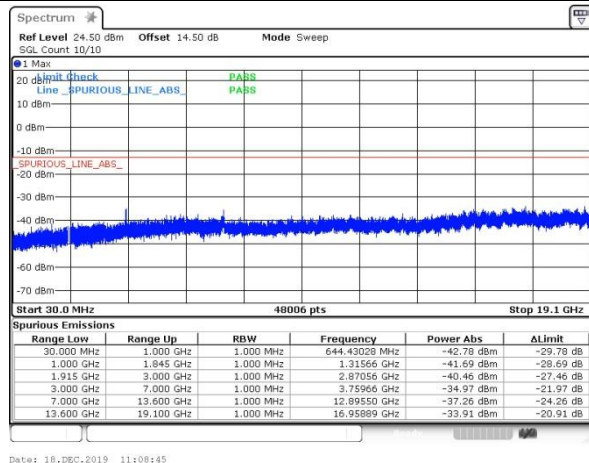
Middle Channel



Highest Channel



Highest Channel



**Frequency Stability**

Test Conditions	Middle Channel	CDMA BC0 (1xRTT)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0111	PASS
40	Normal Voltage	0.0108	
30	Normal Voltage	0.0103	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0105	
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:

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 BC1 (1xRTT)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0257	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	-65.92	-13	-52.92	-76.67	-69.15	3.98	9.36	H
	2472.6	-60.67	-13	-47.67	-79.01	-64.22	4.85	10.55	H
	3296.8	-59.88	-13	-46.88	-80.19	-64.81	5.50	12.58	H
	1648.4	-65.63	-13	-52.63	-77.02	-68.86	3.98	9.36	V
	2472.6	-60.78	-13	-47.78	-79.44	-64.33	4.85	10.55	V
	3296.8	-59.16	-13	-46.16	-80.36	-64.09	5.50	12.58	V
Middle	1672.8	-66.51	-13	-53.51	-77.45	-69.76	4.00	9.40	H
	2509.2	-60.18	-13	-47.18	-78.78	-63.75	4.88	10.60	H
	3345.6	-60.06	-13	-47.06	-80.67	-64.99	5.52	12.60	H
	1672.8	-65.74	-13	-52.74	-77.39	-68.99	4.00	9.40	V
	2509.2	-60.28	-13	-47.28	-79.09	-63.85	4.88	10.60	V
	3345.6	-59.49	-13	-46.49	-80.40	-64.42	5.52	12.60	V
Highest	1697.6	-66.31	-13	-53.31	-77.57	-69.48	4.10	9.42	H
	2546.4	-60.33	-13	-47.33	-79.06	-63.91	4.90	10.63	H
	3395.2	-60.56	-13	-47.56	-79.91	-65.48	5.55	12.62	H
	1697.6	-65.29	-13	-52.29	-77.22	-68.46	4.10	9.42	V
	2546.4	-60.21	-13	-47.21	-79.16	-63.79	4.90	10.63	V
	3395.2	-59.11	-13	-46.11	-79.79	-64.03	5.55	12.62	V

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



GSM850 (EDGE 1Tx slots)									
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	-66.40	-13	-53.40	-77.15	-69.63	3.98	9.36	H
	2472.6	-61.09	-13	-48.09	-79.43	-64.64	4.85	10.55	H
	3296.8	-59.80	-13	-46.80	-80.11	-64.73	5.50	12.58	H
	1648.4	-65.63	-13	-52.63	-77.02	-68.86	3.98	9.36	V
	2472.6	-60.71	-13	-47.71	-79.37	-64.26	4.85	10.55	V
	3296.8	-58.81	-13	-45.81	-80.01	-63.74	5.50	12.58	V
Middle	1672.8	-66.18	-13	-53.18	-77.12	-69.43	4.00	9.40	H
	2509.2	-60.63	-13	-47.63	-79.23	-64.20	4.88	10.60	H
	3345.6	-60.20	-13	-47.20	-80.81	-65.13	5.52	12.60	H
	1672.8	-65.86	-13	-52.86	-77.51	-69.11	4.00	9.40	V
	2509.2	-60.68	-13	-47.68	-79.49	-64.25	4.88	10.60	V
	3345.6	-59.53	-13	-46.53	-80.44	-64.46	5.52	12.60	V
Highest	1697.6	-66.18	-13	-53.18	-77.44	-69.35	4.10	9.42	H
	2546.4	-60.78	-13	-47.78	-79.51	-64.36	4.90	10.63	H
	3395.2	-60.53	-13	-47.53	-79.88	-65.45	5.55	12.62	H
	1697.6	-65.24	-13	-52.24	-77.17	-68.41	4.10	9.42	V
	2546.4	-60.05	-13	-47.05	-79.00	-63.63	4.90	10.63	V
	3395.2	-59.15	-13	-46.15	-79.83	-64.07	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	-64.79	-13	-51.79	-81.71	-71.55	5.82	12.58	H
	5550.6	-62.99	-13	-49.99	-83.90	-68.71	7.28	13.00	H
	7400.8	-56.76	-13	-43.76	-83.60	-59.92	8.32	11.48	H
	3700.4	-64.88	-13	-51.88	-81.83	-71.64	5.82	12.58	V
	5550.6	-62.50	-13	-49.50	-83.61	-68.22	7.28	13.00	V
	7400.8	-57.01	-13	-44.01	-83.53	-60.17	8.32	11.48	V
Middle	3760	-64.71	-13	-51.71	-81.71	-71.46	5.85	12.60	H
	5640	-62.81	-13	-49.81	-83.48	-68.61	7.30	13.10	H
	7520	-56.94	-13	-43.94	-83.21	-60.09	8.35	11.50	H
	3760	-64.42	-13	-51.42	-81.46	-71.17	5.85	12.60	V
	5640	-62.33	-13	-49.33	-83.4	-68.13	7.30	13.10	V
	7520	-57.24	-13	-44.24	-83.32	-60.39	8.35	11.50	V
Highest	3819.6	-63.22	-13	-50.22	-80.35	-69.96	5.88	12.62	H
	5729.4	-61.26	-13	-48.26	-82.27	-67.07	7.32	13.13	H
	7639.2	-57.40	-13	-44.40	-83.42	-60.56	8.38	11.54	H
	3819.6	-64.10	-13	-51.10	-81.29	-70.84	5.88	12.62	V
	5729.4	-61.92	-13	-48.92	-83.26	-67.73	7.32	13.13	V
	7639.2	-57.47	-13	-44.47	-83.34	-60.63	8.38	11.54	V

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



GSM1900 (EDGE 1Tx slots)									
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	-63.86	-13	-50.86	-80.78	-70.62	5.82	12.58	H
	5550.6	-61.91	-13	-48.91	-82.82	-67.63	7.28	13.00	H
	7400.8	-55.87	-13	-42.87	-82.71	-59.03	8.32	11.48	H
	3700.4	-63.75	-13	-50.75	-80.7	-70.51	5.82	12.58	V
	5550.6	-61.79	-13	-48.79	-82.9	-67.51	7.28	13.00	V
	7400.8	-56.47	-13	-43.47	-82.99	-59.63	8.32	11.48	V
Middle	3760	-64.87	-13	-51.87	-81.87	-71.62	5.85	12.60	H
	5640	-62.66	-13	-49.66	-83.33	-68.46	7.30	13.10	H
	7520	-57.05	-13	-44.05	-83.32	-60.20	8.35	11.50	H
	3760	-64.65	-13	-51.65	-81.69	-71.40	5.85	12.60	V
	5640	-62.30	-13	-49.30	-83.37	-68.10	7.30	13.10	V
	7520	-57.47	-13	-44.47	-83.55	-60.62	8.35	11.50	V
Highest	3819.6	-64.26	-13	-51.26	-81.39	-71.00	5.88	12.62	H
	5729.4	-62.17	-13	-49.17	-83.18	-67.98	7.32	13.13	H
	7639.2	-56.46	-13	-43.46	-82.48	-59.62	8.38	11.54	H
	3819.6	-64.26	-13	-51.26	-81.45	-71.00	5.88	12.62	V
	5729.4	-61.69	-13	-48.69	-83.03	-67.50	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 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	1672.8	-54.76	-13	-41.76	-65.70	-57.99	3.98	9.36	H
	2509.2	-57.55	-13	-44.55	-76.15	-61.10	4.85	10.55	H
	3345.6	-58.23	-13	-45.23	-78.84	-63.16	5.50	12.58	H
	1672.8	-56.27	-13	-43.27	-67.92	-59.50	3.98	9.36	V
	2509.2	-59.81	-13	-46.81	-78.62	-63.36	4.85	10.55	V
	3345.6	-58.84	-13	-45.84	-79.75	-63.77	5.50	12.58	V
Middle	1672.8	-66.54	-13	-53.54	-77.48	-69.79	4.00	9.40	H
	2509.2	-60.34	-13	-47.34	-78.94	-63.91	4.88	10.60	H
	3345.6	-59.95	-13	-46.95	-80.56	-64.88	5.52	12.60	H
	1672.8	-66.20	-13	-53.20	-77.85	-69.45	4.00	9.40	V
	2509.2	-57.42	-13	-44.42	-76.23	-60.99	4.88	10.60	V
	3345.6	-59.65	-13	-46.65	-80.56	-64.58	5.52	12.60	V
Highest	1693.2	-66.04	-13	-53.04	-77.30	-69.21	4.10	9.42	H
	2539.8	-60.51	-13	-47.51	-79.24	-64.09	4.90	10.63	H
	3386.4	-60.76	-13	-47.76	-80.53	-65.68	5.55	12.62	H
	1693.2	-65.13	-13	-52.13	-77.06	-68.30	4.10	9.42	V
	2539.8	-60.11	-13	-47.11	-79.06	-63.69	4.90	10.63	V
	3386.4	-59.65	-13	-46.65	-80.41	-64.57	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	-64.58	-13	-51.58	-81.50	-71.34	5.82	12.58	H
	5557.2	-62.34	-13	-49.34	-83.25	-68.06	7.28	13.00	H
	7409.6	-56.82	-13	-43.82	-83.66	-59.98	8.32	11.48	H
	3704.8	-64.66	-13	-51.66	-81.61	-71.42	5.82	12.58	V
	5557.2	-62.63	-13	-49.63	-83.74	-68.35	7.28	13.00	V
	7409.6	-56.86	-13	-43.86	-83.38	-60.02	8.32	11.48	V
Middle	3760	-64.50	-13	-51.50	-81.50	-71.25	5.85	12.60	H
	5640	-62.32	-13	-49.32	-82.99	-68.12	7.30	13.10	H
	7520	-56.91	-13	-43.91	-83.18	-60.06	8.35	11.50	H
	3760	-64.44	-13	-51.44	-81.48	-71.19	5.85	12.60	V
	5640	-61.72	-13	-48.72	-82.79	-67.52	7.30	13.10	V
	7520	-57.06	-13	-44.06	-83.14	-60.21	8.35	11.50	V
Highest	3815.2	-64.73	-13	-51.73	-81.87	-71.47	5.88	12.62	H
	5722.8	-62.94	-13	-49.94	-83.95	-68.75	7.32	13.13	H
	7630.4	-57.61	-13	-44.61	-83.62	-60.77	8.38	11.54	H
	3815.2	-64.84	-13	-51.84	-82.04	-71.58	5.88	12.62	V
	5722.8	-62.36	-13	-49.36	-83.7	-68.17	7.32	13.13	V
	7630.4	-57.75	-13	-44.75	-83.62	-60.91	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	-62.35	-13	-49.35	-76.05	-70.35	4.58	12.58	H
	5137.2	-61.13	-13	-48.13	-79.06	-67.59	6.21	12.67	H
	6849.6	-59.46	-13	-46.46	-79.08	-64.25	8.16	12.95	H
	3424.8	-64.48	-13	-51.48	-75.89	-72.48	4.58	12.58	V
	5137.2	-65.40	-13	-52.40	-79.01	-71.86	6.21	12.67	V
	6849.6	-60.09	-13	-47.09	-79.21	-64.88	8.16	12.95	V
Middle	3465.2	-62.40	-13	-49.40	-76.10	-70.37	4.63	12.60	H
	5197.8	-61.26	-13	-48.26	-79.19	-67.71	6.25	12.70	H
	6930.4	-59.16	-13	-46.16	-78.78	-63.93	8.23	13.00	H
	3465.2	-64.55	-13	-51.55	-75.96	-72.52	4.63	12.60	V
	5197.8	-65.42	-13	-52.42	-79.03	-71.87	6.25	12.70	V
	6930.4	-60.13	-13	-47.13	-79.25	-64.90	8.23	13.00	V
Highest	3505.2	-62.50	-13	-49.50	-76.20	-70.50	4.66	12.66	H
	5257.8	-61.30	-13	-48.30	-79.23	-67.74	6.31	12.75	H
	7010.4	-59.56	-13	-46.56	-79.18	-64.33	8.35	13.12	H
	3505.2	-65.03	-13	-52.03	-76.44	-73.03	4.66	12.66	V
	5257.8	-65.74	-13	-52.74	-79.35	-72.18	6.31	12.75	V
	7010.4	-60.19	-13	-47.19	-79.31	-64.96	8.35	13.12	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	-65.46	-13	-52.46	-76.21	-68.69	3.98	9.36	H
	2474.1	-59.96	-13	-46.96	-78.30	-63.51	4.85	10.55	H
	3298.8	-58.88	-13	-45.88	-79.19	-63.81	5.50	12.58	H
	1649.4	-64.35	-13	-51.35	-75.74	-67.58	3.98	9.36	V
	2474.1	-59.01	-13	-46.01	-77.67	-62.56	4.85	10.55	V
	3298.8	-56.94	-13	-43.94	-78.14	-61.87	5.50	12.58	V
Middle	1673.04	-65.54	-13	-52.54	-76.48	-68.79	4.00	9.40	H
	2509.56	-59.34	-13	-46.34	-77.94	-62.91	4.88	10.60	H
	3346.08	-59.20	-13	-46.20	-79.81	-64.13	5.52	12.60	H
	1673.04	-66.20	-13	-53.20	-77.85	-69.45	4.00	9.40	V
	2509.56	-61.08	-13	-48.08	-79.89	-64.65	4.88	10.60	V
	3346.08	-58.65	-13	-45.65	-79.56	-63.58	5.52	12.60	V
Highest	1696.62	-65.04	-13	-52.04	-76.30	-68.21	4.10	9.42	H
	2544.93	-59.51	-13	-46.51	-78.24	-63.09	4.90	10.63	H
	3393.24	-59.62	-13	-46.62	-78.97	-64.54	5.55	12.62	H
	1696.62	-64.27	-13	-51.27	-76.20	-67.44	4.10	9.42	V
	2544.93	-59.11	-13	-46.11	-78.06	-62.69	4.90	10.63	V
	3393.24	-58.28	-13	-45.28	-78.96	-63.20	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	-64.47	-13	-51.47	-81.39	-71.23	5.82	12.58	H
	5553.75	-62.34	-13	-49.34	-83.25	-68.06	7.28	13.00	H
	7405	-56.40	-13	-43.40	-83.24	-59.56	8.32	11.48	H
	3702.5	-64.35	-13	-51.35	-81.3	-71.11	5.82	12.58	V
	5553.75	-62.47	-13	-49.47	-83.58	-68.19	7.28	13.00	V
	7405	-57.18	-13	-44.18	-83.7	-60.34	8.32	11.48	V
Middle	3760	-64.38	-13	-51.38	-81.38	-71.13	5.85	12.60	H
	5640	-62.32	-13	-49.32	-82.99	-68.12	7.30	13.10	H
	7520	-56.83	-13	-43.83	-83.10	-59.98	8.35	11.50	H
	3760	-64.25	-13	-51.25	-81.29	-71.00	5.85	12.60	V
	5640	-62.09	-13	-49.09	-83.16	-67.89	7.30	13.10	V
	7520	-57.36	-13	-44.36	-83.44	-60.51	8.35	11.50	V
Highest	3817.5	-64.86	-13	-51.86	-82.00	-71.60	5.88	12.62	H
	5726.25	-62.44	-13	-49.44	-83.45	-68.25	7.32	13.13	H
	7635	-57.23	-13	-44.23	-83.24	-60.39	8.38	11.54	H
	3817.5	-64.75	-13	-51.75	-81.95	-71.49	5.88	12.62	V
	5726.25	-62.07	-13	-49.07	-83.41	-67.88	7.32	13.13	V
	7635	-56.90	-13	-43.90	-82.77	-60.06	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	1652.8	-65.79	-13	-52.79	-76.60	-69.02	3.98	9.36	H
	2479.2	-59.97	-13	-46.97	-78.31	-63.52	4.85	10.55	H
	3305.6	-59.09	-13	-46.09	-79.50	-64.02	5.50	12.58	H
	1652.8	-66.21	-13	-53.21	-77.66	-69.44	3.98	9.36	V
	2479.2	-62.06	-13	-49.06	-80.72	-65.61	4.85	10.55	V
	3305.6	-59.45	-13	-46.45	-80.56	-64.38	5.50	12.58	V
Middle	1672.8	-64.82	-13	-51.82	-75.76	-68.07	4.00	9.40	H
	2509.2	-59.70	-13	-46.70	-78.30	-63.27	4.88	10.60	H
	3345.6	-59.04	-13	-46.04	-79.65	-63.97	5.52	12.60	H
	1672.8	-64.71	-13	-51.71	-76.36	-67.96	4.00	9.40	V
	2509.2	-59.07	-13	-46.07	-77.88	-62.64	4.88	10.60	V
	3345.6	-58.62	-13	-45.62	-79.53	-63.55	5.52	12.60	V
Highest	1697.6	-63.30	-13	-50.30	-74.56	-66.47	4.10	9.42	H
	2546.4	-59.59	-13	-46.59	-78.32	-63.17	4.90	10.63	H
	3395.2	-57.76	-13	-44.76	-77.11	-62.68	5.55	12.62	H
	1697.6	-63.29	-13	-50.29	-75.22	-66.46	4.10	9.42	V
	2546.4	-57.31	-13	-44.31	-76.26	-60.89	4.90	10.63	V
	3395.2	-54.35	-13	-41.35	-75.03	-59.27	5.55	12.62	V

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



GSM850 (EDGE 1Tx slots)									
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	-65.40	-13	-52.40	-76.15	-68.63	3.98	9.36	H
	2472.6	-60.09	-13	-47.09	-78.43	-63.64	4.85	10.55	H
	3296.8	-57.80	-13	-44.80	-78.11	-62.73	5.50	12.58	H
	1648.4	-64.63	-13	-51.63	-76.02	-67.86	3.98	9.36	V
	2472.6	-59.71	-13	-46.71	-78.37	-63.26	4.85	10.55	V
	3296.8	-57.81	-13	-44.81	-79.01	-62.74	5.50	12.58	V
Middle	1672.8	-65.18	-13	-52.18	-76.12	-68.43	4.00	9.40	H
	2509.2	-59.63	-13	-46.63	-78.23	-63.20	4.88	10.60	H
	3345.6	-59.20	-13	-46.20	-79.81	-64.13	5.52	12.60	H
	1672.8	-64.86	-13	-51.86	-76.51	-68.11	4.00	9.40	V
	2509.2	-59.68	-13	-46.68	-78.49	-63.25	4.88	10.60	V
	3345.6	-58.53	-13	-45.53	-79.44	-63.46	5.52	12.60	V
Highest	1697.6	-65.82	-13	-52.82	-77.08	-68.99	4.10	9.42	H
	2546.4	-60.42	-13	-47.42	-79.15	-64.00	4.90	10.63	H
	3395.2	-59.96	-13	-46.96	-79.31	-64.88	5.55	12.62	H
	1697.6	-64.87	-13	-51.87	-76.80	-68.04	4.10	9.42	V
	2546.4	-59.69	-13	-46.69	-78.64	-63.27	4.90	10.63	V
	3395.2	-58.78	-13	-45.78	-79.46	-63.70	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	-64.57	-13	-51.57	-81.49	-71.33	5.82	12.58	H
	5550.6	-62.55	-13	-49.55	-83.46	-68.27	7.28	13.00	H
	7400.8	-56.96	-13	-43.96	-83.80	-60.12	8.32	11.48	H
	3700.4	-64.19	-13	-51.19	-81.14	-70.95	5.82	12.58	V
	5550.6	-62.37	-13	-49.37	-83.48	-68.09	7.28	13.00	V
	7400.8	-57.04	-13	-44.04	-83.56	-60.20	8.32	11.48	V
Middle	3760	-64.81	-13	-51.81	-81.81	-71.56	5.85	12.60	H
	5640	-62.58	-13	-49.58	-83.25	-68.38	7.30	13.10	H
	7520	-57.17	-13	-44.17	-83.44	-60.32	8.35	11.50	H
	3760	-64.43	-13	-51.43	-81.47	-71.18	5.85	12.60	V
	5640	-62.23	-13	-49.23	-83.3	-68.03	7.30	13.10	V
	7520	-57.49	-13	-44.49	-83.57	-60.64	8.35	11.50	V
Highest	3819.6	-65.11	-13	-52.11	-82.24	-71.85	5.88	12.62	H
	5729.4	-62.37	-13	-49.37	-83.38	-68.18	7.32	13.13	H
	7639.2	-57.42	-13	-44.42	-83.44	-60.58	8.38	11.54	H
	3819.6	-65.08	-13	-52.08	-82.27	-71.82	5.88	12.62	V
	5729.4	-62.25	-13	-49.25	-83.59	-68.06	7.32	13.13	V
	7639.2	-57.64	-13	-44.64	-83.51	-60.80	8.38	11.54	V

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



GSM1900 (EDGE 1Tx slots)									
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	-64.58	-13	-51.58	-81.50	-71.34	5.82	12.58	H
	5550.6	-62.81	-13	-49.81	-83.72	-68.53	7.28	13.00	H
	7400.8	-56.74	-13	-43.74	-83.58	-59.90	8.32	11.48	H
	3700.4	-64.54	-13	-51.54	-81.49	-71.30	5.82	12.58	V
	5550.6	-62.70	-13	-49.70	-83.81	-68.42	7.28	13.00	V
	7400.8	-56.88	-13	-43.88	-83.4	-60.04	8.32	11.48	V
Middle	3760	-64.33	-13	-51.33	-81.33	-71.08	5.85	12.60	H
	5640	-62.64	-13	-49.64	-83.31	-68.44	7.30	13.10	H
	7520	-56.70	-13	-43.70	-82.97	-59.85	8.35	11.50	H
	3760	-64.52	-13	-51.52	-81.56	-71.27	5.85	12.60	V
	5640	-62.28	-13	-49.28	-83.35	-68.08	7.30	13.10	V
	7520	-57.56	-13	-44.56	-83.64	-60.71	8.35	11.50	V
Highest	3819.6	-65.03	-13	-52.03	-82.16	-71.77	5.88	12.62	H
	5729.4	-62.76	-13	-49.76	-83.77	-68.57	7.32	13.13	H
	7639.2	-57.56	-13	-44.56	-83.58	-60.72	8.38	11.54	H
	3819.6	-64.79	-13	-51.79	-81.98	-71.53	5.88	12.62	V
	5729.4	-62.24	-13	-49.24	-83.58	-68.05	7.32	13.13	V
	7639.2	-57.50	-13	-44.50	-83.37	-60.66	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	-66.10	-13	-53.10	-76.91	-69.33	3.98	9.36	H
	2479.2	-60.34	-13	-47.34	-78.68	-63.89	4.85	10.55	H
	3305.6	-59.21	-13	-46.21	-79.62	-64.14	5.50	12.58	H
	1652.8	-64.35	-13	-51.35	-75.80	-67.58	3.98	9.36	V
	2479.2	-59.01	-13	-46.01	-77.67	-62.56	4.85	10.55	V
	3305.6	-58.68	-13	-45.68	-79.79	-63.61	5.50	12.58	V
Middle	1672.8	-67.21	-13	-54.21	-78.15	-70.46	4.00	9.40	H
	2509.2	-61.51	-13	-48.51	-80.11	-65.08	4.88	10.60	H
	3345.6	-60.19	-13	-47.19	-80.80	-65.12	5.52	12.60	H
	1672.8	-65.57	-13	-52.57	-77.22	-68.82	4.00	9.40	V
	2509.2	-61.44	-13	-48.44	-80.25	-65.01	4.88	10.60	V
	3345.6	-60.01	-13	-47.01	-80.92	-64.94	5.52	12.60	V
Highest	1693.2	-66.04	-13	-53.04	-77.30	-69.21	4.10	9.42	H
	2539.8	-60.51	-13	-47.51	-79.24	-64.09	4.90	10.63	H
	3386.4	-60.76	-13	-47.76	-80.53	-65.68	5.55	12.62	H
	1693.2	-65.13	-13	-52.13	-77.06	-68.30	4.10	9.42	V
	2539.8	-60.11	-13	-47.11	-79.06	-63.69	4.90	10.63	V
	3386.4	-59.65	-13	-46.65	-80.41	-64.57	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	-64.28	-13	-51.28	-81.20	-71.04	5.82	12.58	H
	5557.2	-61.98	-13	-48.98	-82.89	-67.70	7.28	13.00	H
	7409.6	-56.41	-13	-43.41	-83.25	-59.57	8.32	11.48	H
	3704.8	-64.24	-13	-51.24	-81.19	-71.00	5.82	12.58	V
	5557.2	-62.18	-13	-49.18	-83.29	-67.90	7.28	13.00	V
	7409.6	-56.76	-13	-43.76	-83.28	-59.92	8.32	11.48	V
Middle	3760	-63.92	-13	-50.92	-80.92	-70.67	5.85	12.60	H
	5640	-61.96	-13	-48.96	-82.63	-67.76	7.30	13.10	H
	7520	-56.46	-13	-43.46	-82.73	-59.61	8.35	11.50	H
	3760	-64.12	-13	-51.12	-81.16	-70.87	5.85	12.60	V
	5640	-61.71	-13	-48.71	-82.78	-67.51	7.30	13.10	V
	7520	-56.79	-13	-43.79	-82.87	-59.94	8.35	11.50	V
Highest	3815.2	-64.88	-13	-51.88	-82.02	-71.62	5.88	12.62	H
	5722.8	-62.80	-13	-49.80	-83.81	-68.61	7.32	13.13	H
	7630.4	-57.57	-13	-44.57	-83.58	-60.73	8.38	11.54	H
	3815.2	-64.99	-13	-51.99	-82.19	-71.73	5.88	12.62	V
	5722.8	-62.72	-13	-49.72	-84.06	-68.53	7.32	13.13	V
	7630.4	-57.26	-13	-44.26	-83.13	-60.42	8.38	11.54	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	-66.46	-13	-53.46	-77.21	-69.69	3.98	9.36	H
	2474.1	-60.96	-13	-47.96	-79.30	-64.51	4.85	10.55	H
	3298.8	-59.88	-13	-46.88	-80.19	-64.81	5.50	12.58	H
	1649.4	-65.35	-13	-52.35	-76.74	-68.58	3.98	9.36	V
	2474.1	-60.01	-13	-47.01	-78.67	-63.56	4.85	10.55	V
	3298.8	-58.94	-13	-45.94	-80.14	-63.87	5.50	12.58	V
Middle	1673.04	-66.22	-13	-53.22	-77.16	-69.47	4.00	9.40	H
	2509.56	-60.02	-13	-47.02	-78.62	-63.59	4.88	10.60	H
	3346.08	-59.52	-13	-46.52	-80.13	-64.45	5.52	12.60	H
	1673.04	-65.99	-13	-52.99	-77.64	-69.24	4.00	9.40	V
	2509.56	-60.72	-13	-47.72	-79.53	-64.29	4.88	10.60	V
	3346.08	-59.29	-13	-46.29	-80.20	-64.22	5.52	12.60	V
Highest	1696.62	-66.38	-13	-53.38	-77.64	-69.55	4.10	9.42	H
	2544.93	-60.85	-13	-47.85	-79.58	-64.43	4.90	10.63	H
	3393.24	-61.32	-13	-48.32	-80.67	-66.24	5.55	12.62	H
	1696.62	-64.61	-13	-51.61	-76.54	-67.78	4.10	9.42	V
	2544.93	-59.46	-13	-46.46	-78.41	-63.04	4.90	10.63	V
	3393.24	-58.63	-13	-45.63	-79.31	-63.55	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	-64.51	-13	-51.51	-81.43	-71.27	5.82	12.58	H
	5553.75	-62.77	-13	-49.77	-83.68	-68.49	7.28	13.00	H
	7405	-56.88	-13	-43.88	-83.72	-60.04	8.32	11.48	H
	3702.5	-64.45	-13	-51.45	-81.4	-71.21	5.82	12.58	V
	5553.75	-62.57	-13	-49.57	-83.68	-68.29	7.28	13.00	V
	7405	-57.04	-13	-44.04	-83.56	-60.20	8.32	11.48	V
Middle	3760	-64.58	-13	-51.58	-81.58	-71.33	5.85	12.60	H
	5640	-62.15	-13	-49.15	-82.82	-67.95	7.30	13.10	H
	7520	-56.90	-13	-43.90	-83.17	-60.05	8.35	11.50	H
	3760	-64.49	-13	-51.49	-81.53	-71.24	5.85	12.60	V
	5640	-62.24	-13	-49.24	-83.31	-68.04	7.30	13.10	V
	7520	-57.26	-13	-44.26	-83.34	-60.41	8.35	11.50	V
Highest	3817.5	-65.06	-13	-52.06	-82.20	-71.80	5.88	12.62	H
	5726.25	-62.70	-13	-49.70	-83.71	-68.51	7.32	13.13	H
	7635	-57.42	-13	-44.42	-83.43	-60.58	8.38	11.54	H
	3817.5	-65.04	-13	-52.04	-82.24	-71.78	5.88	12.62	V
	5726.25	-62.35	-13	-49.35	-83.69	-68.16	7.32	13.13	V
	7635	-57.70	-13	-44.70	-83.57	-60.86	8.38	11.54	V

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