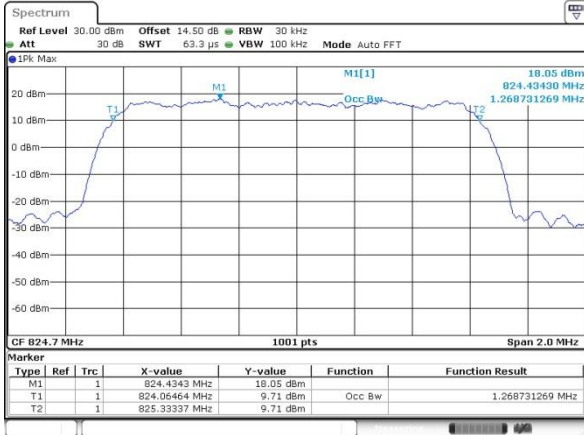




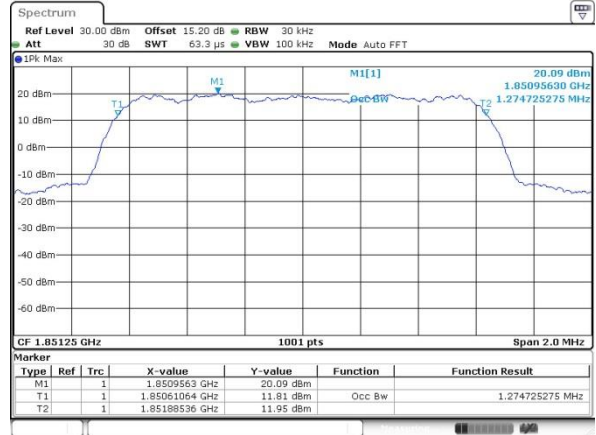
CDMA BC0 (1xRTT)

Lowest Channel

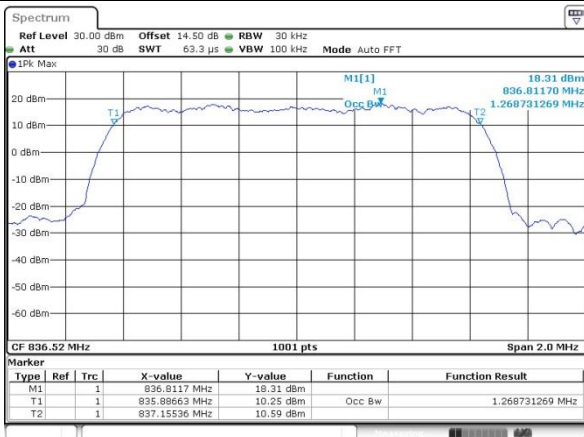


CDMA BC1 (1xRTT)

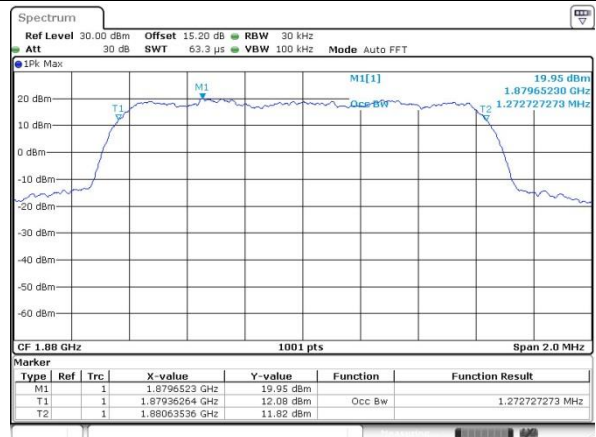
Lowest Channel



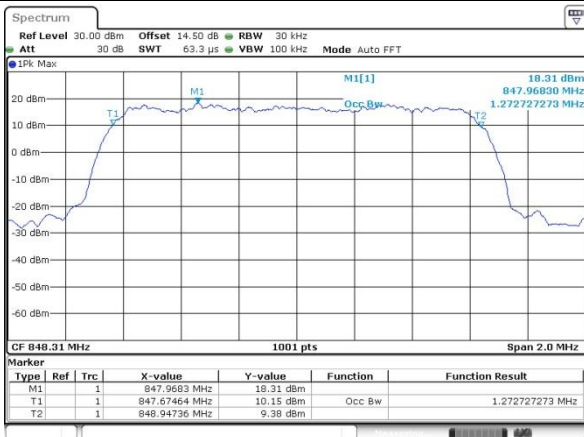
Middle Channel



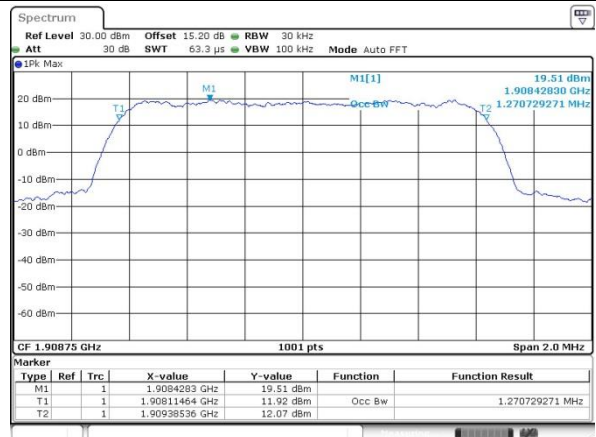
Middle Channel



Highest Channel

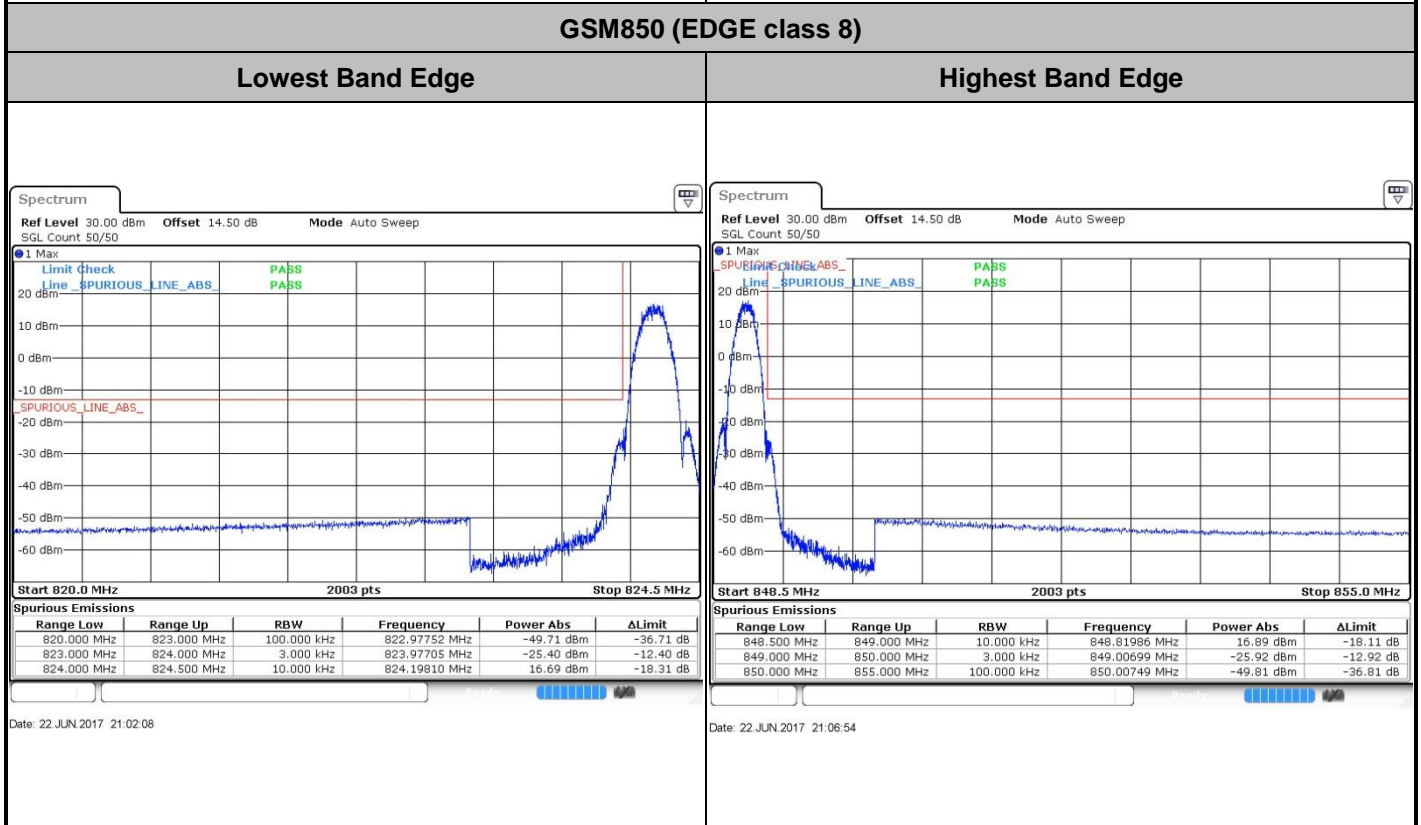
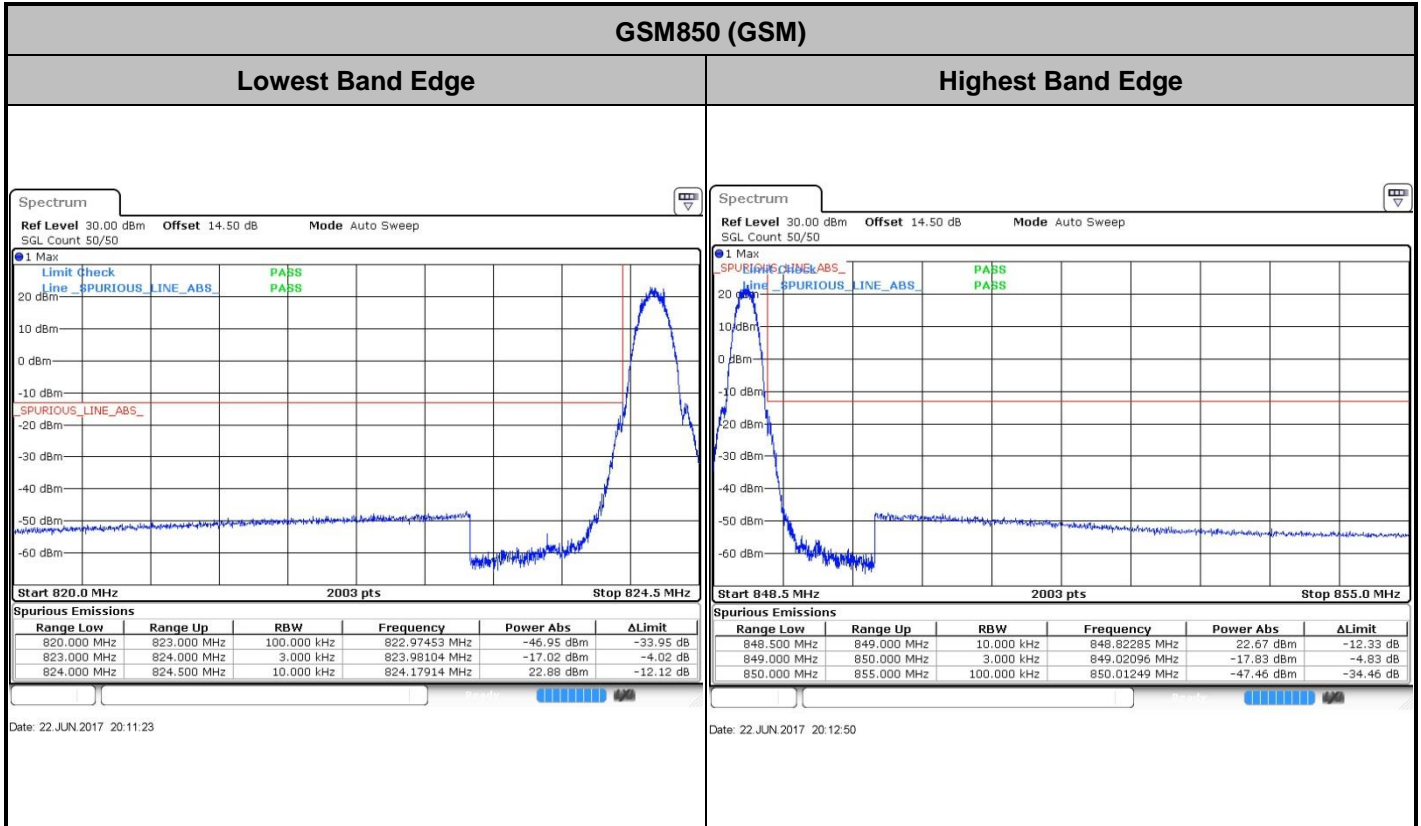


Highest Channel





Conducted Band Edge

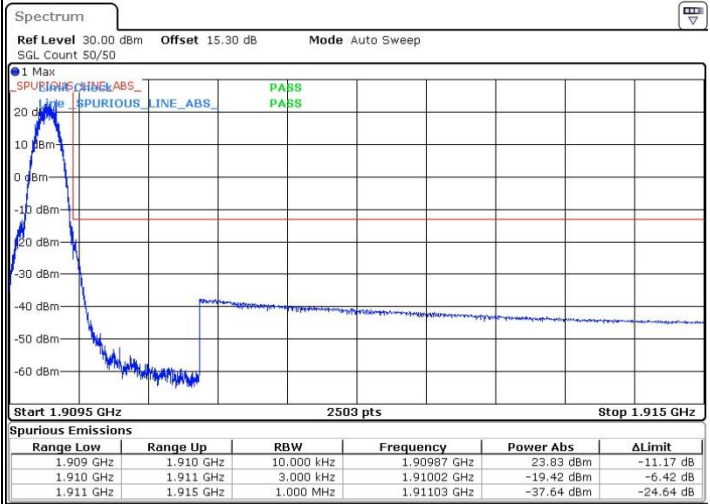
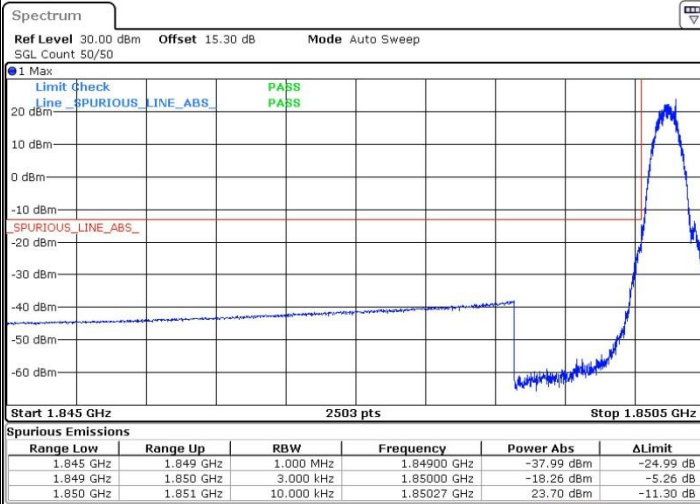




GSM1900 (GSM)

Lowest Band Edge

Highest Band Edge



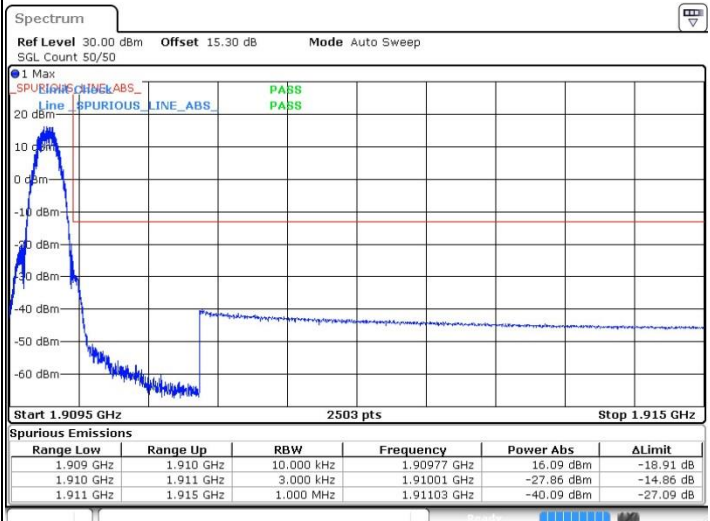
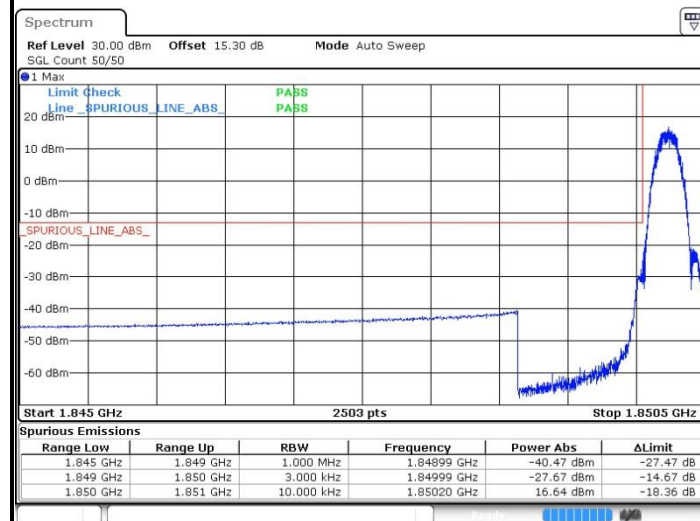
Date: 22 JUN 2017 21:33:18

Date: 22 JUN 2017 21:34:45

GSM1900 (EDGE class 8)

Lowest Band Edge

Highest Band Edge

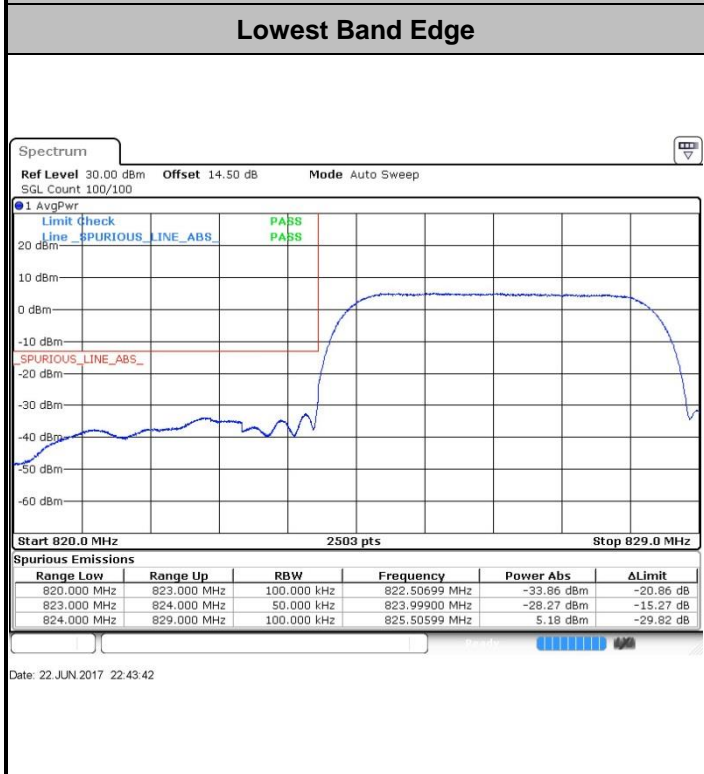


Date: 22 JUN 2017 21:50:04

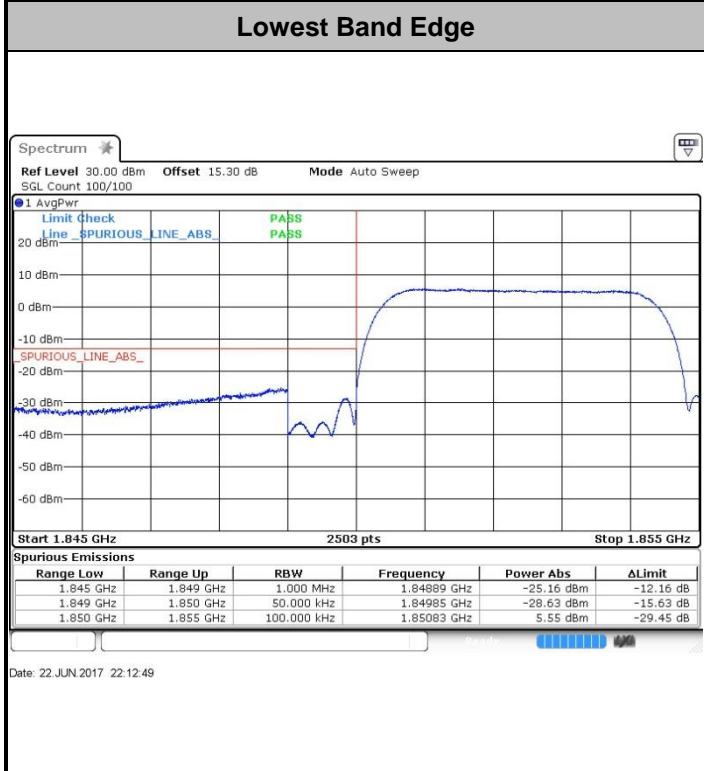
Date: 22 JUN 2017 21:51:47

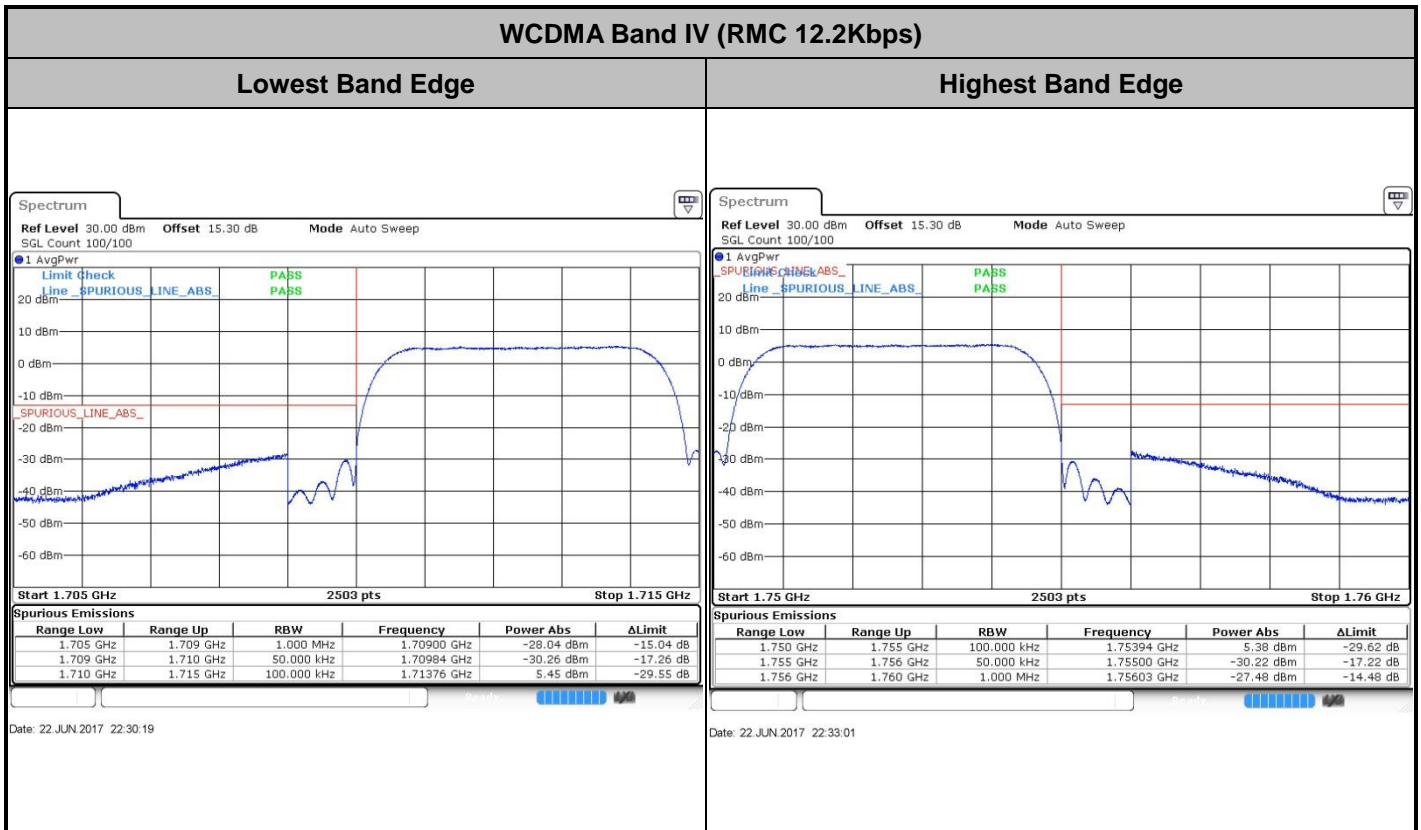


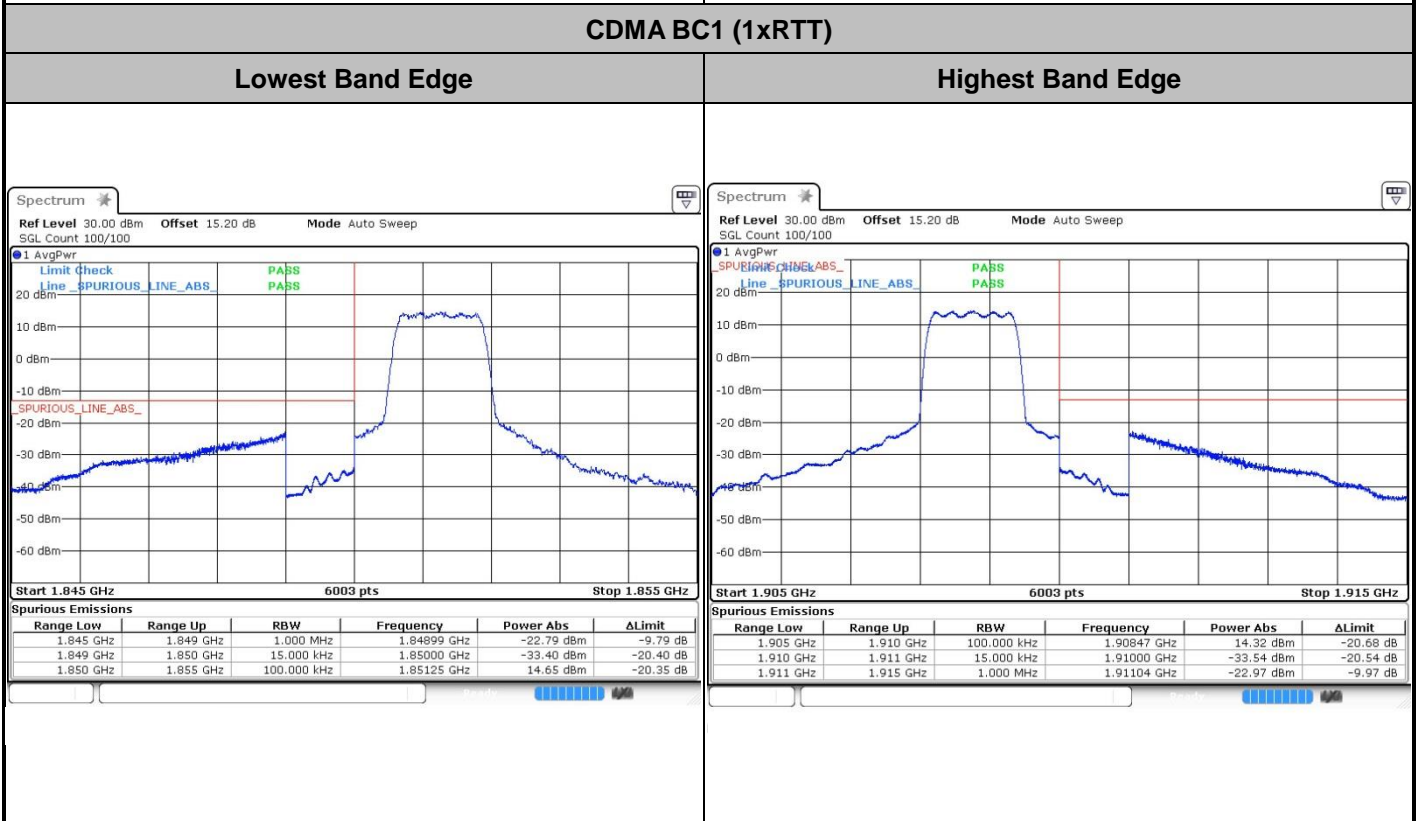
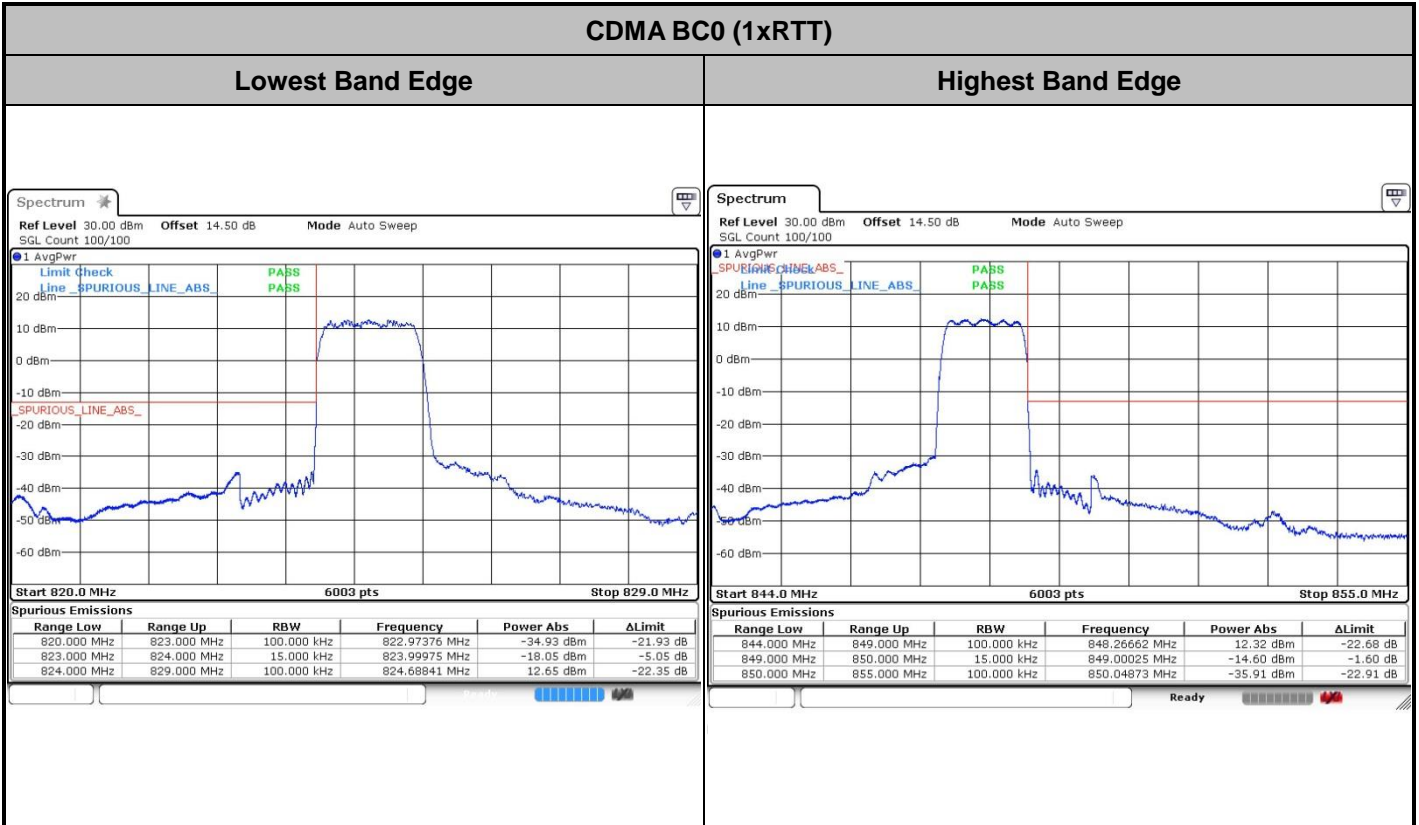
WCDMA Band V (RMC 12.2Kbps)



WCDMA Band II (RMC 12.2Kbps)

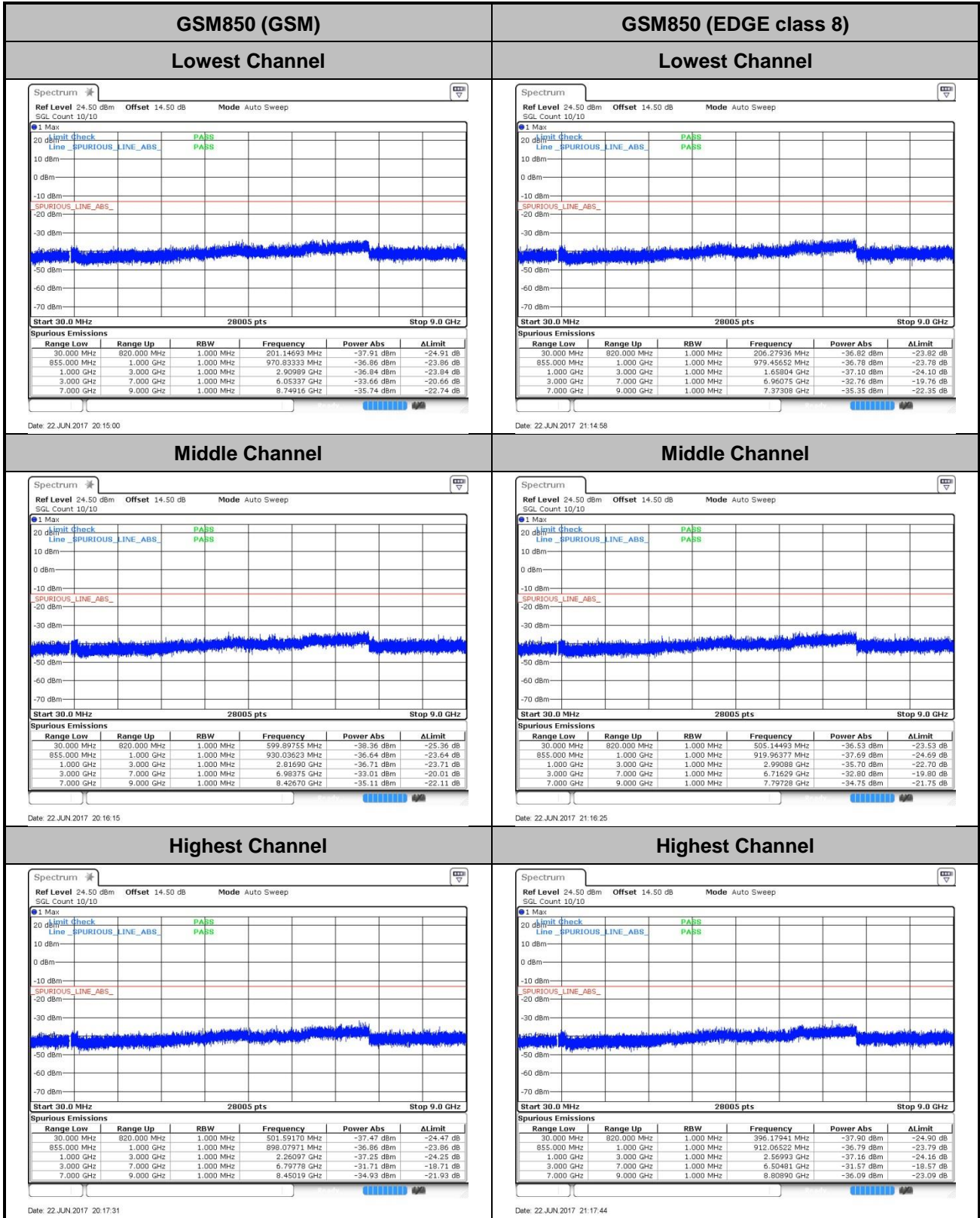


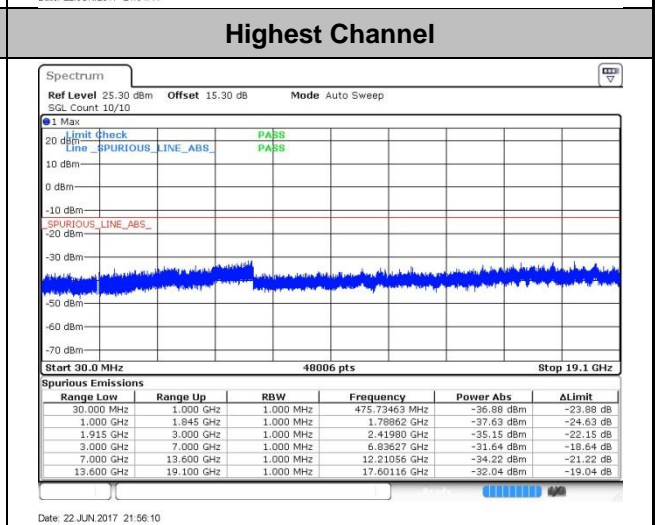
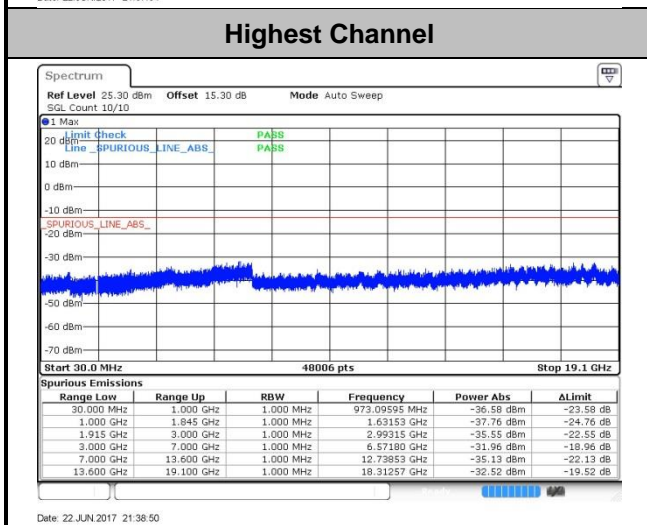
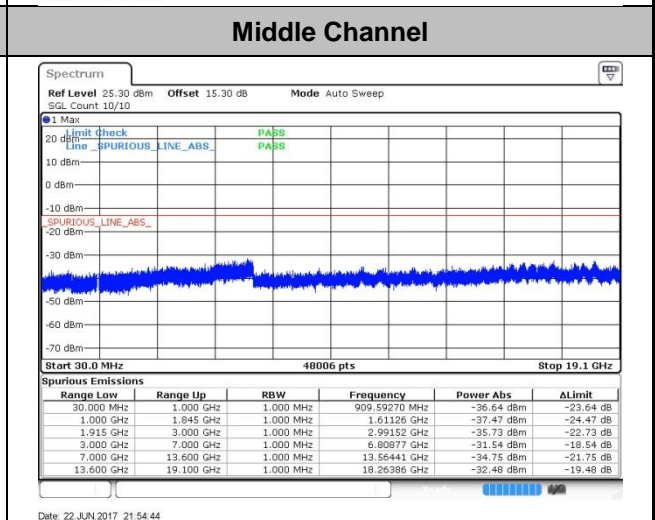
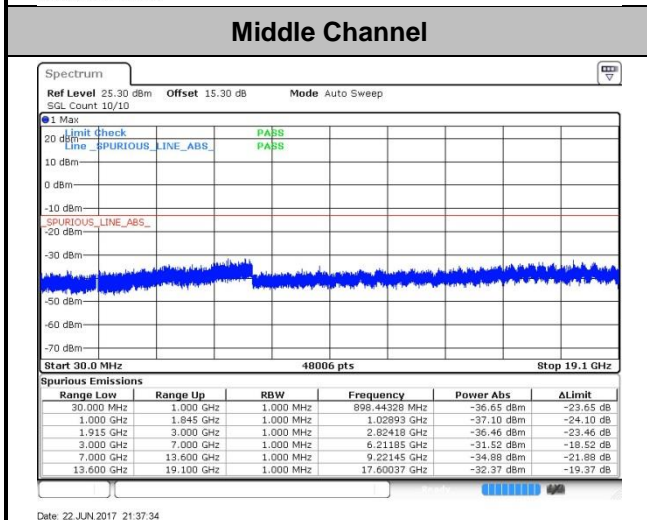
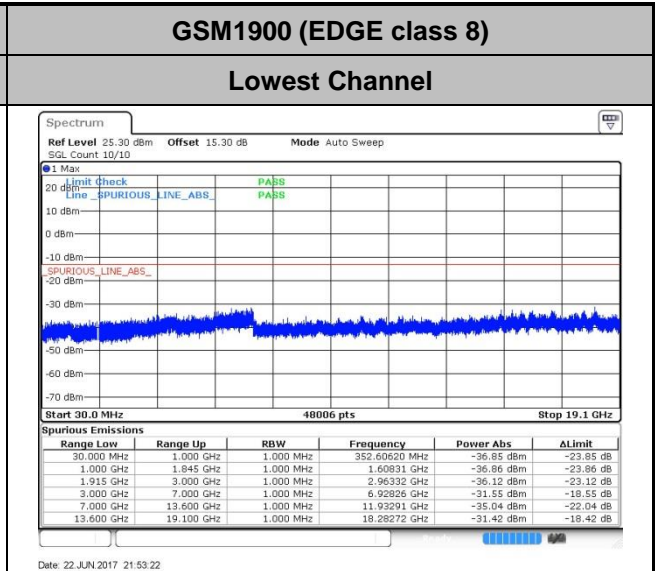
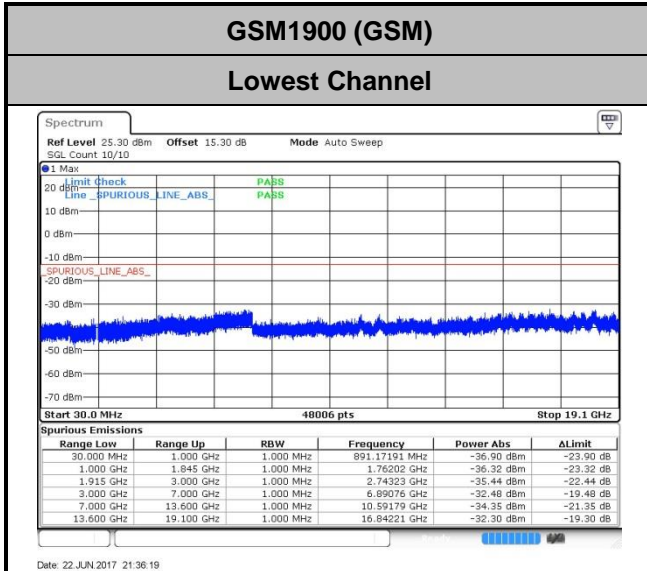






Conducted Spurious Emission

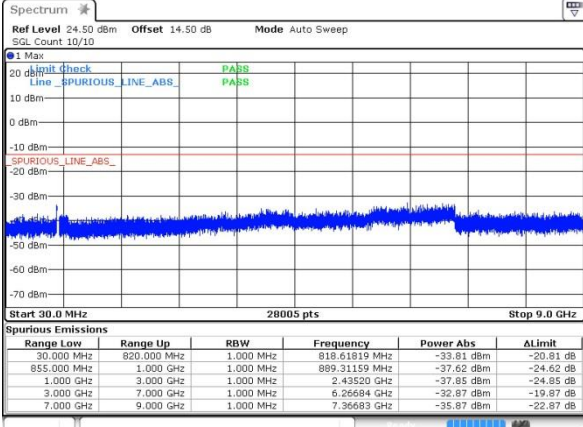






WCDMA Band V (RMC 12.2Kbps)

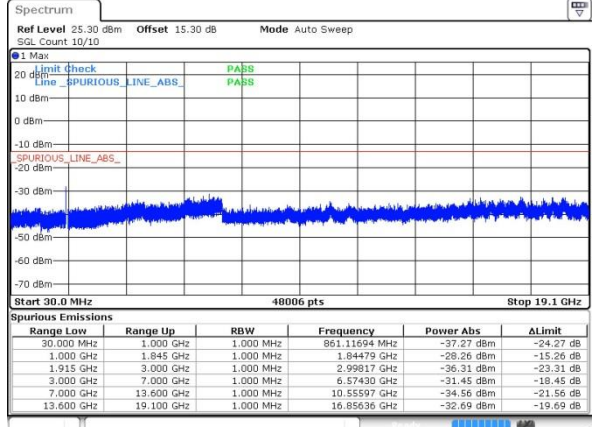
Lowest Channel



Date: 22 JUN 2017 22:47:42

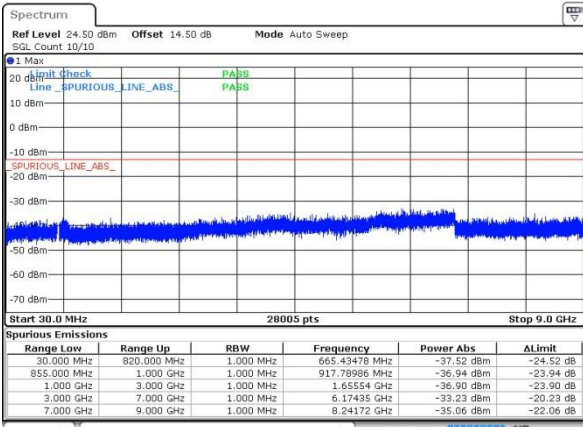
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



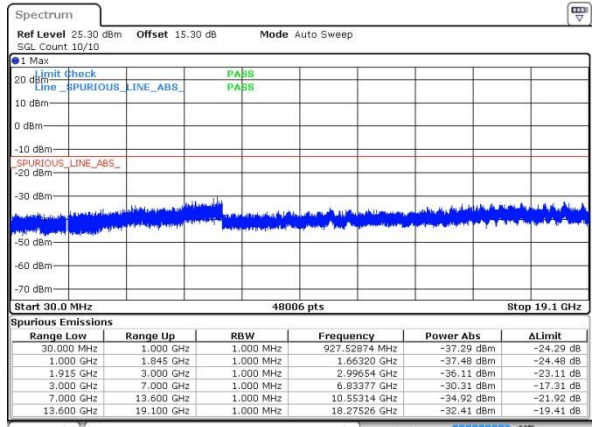
Date: 22 JUN 2017 22:17:45

Middle Channel



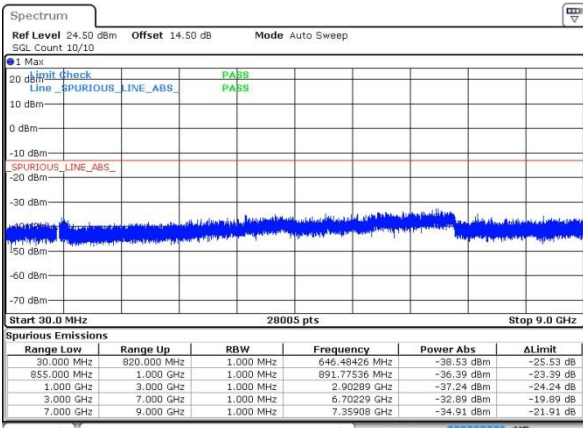
Date: 22 JUN 2017 22:48:57

Middle Channel



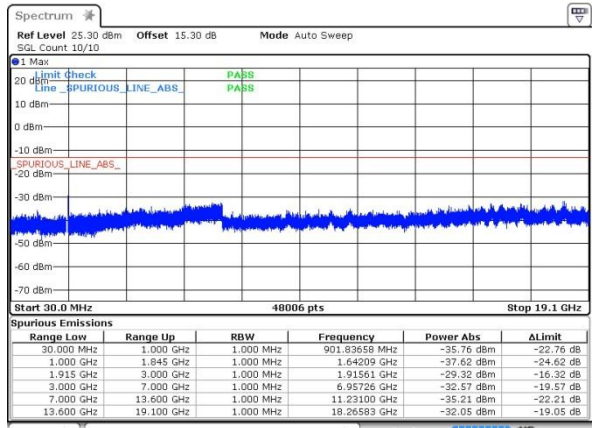
Date: 22 JUN 2017 22:19:00

Highest Channel

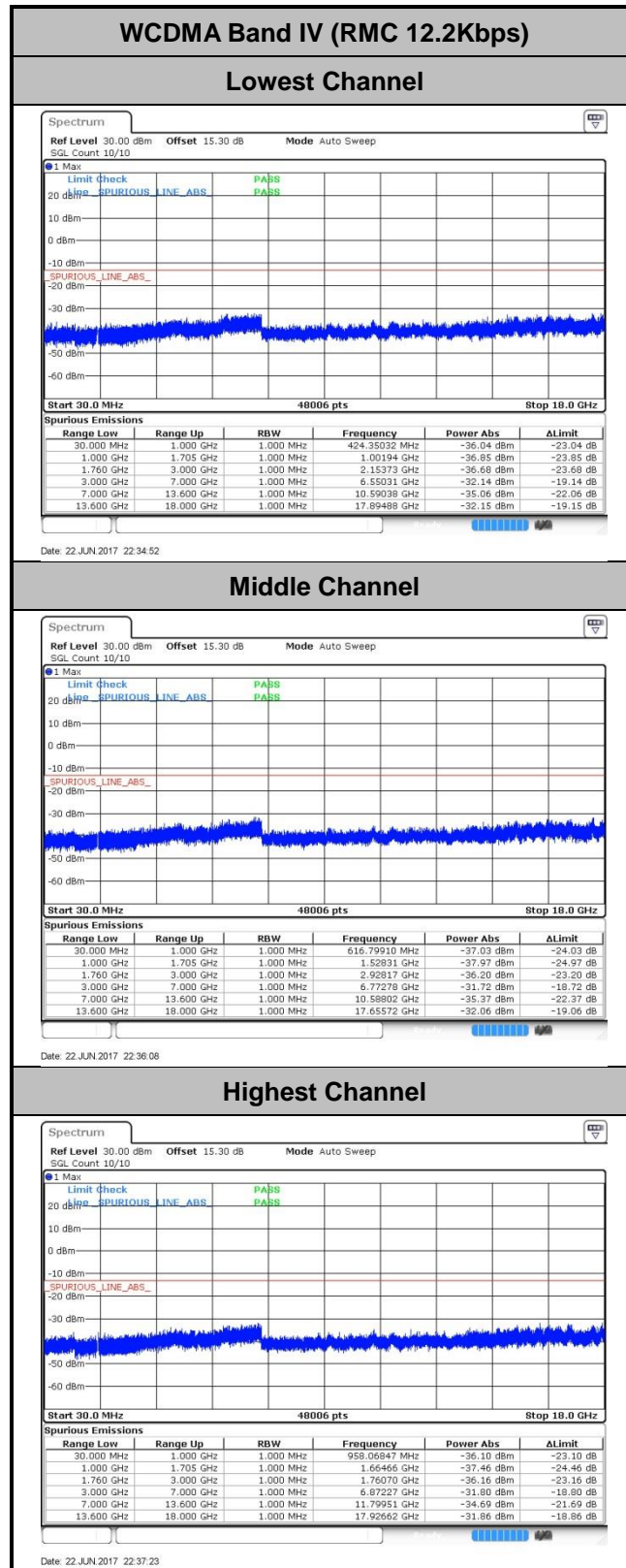


Date: 22 JUN 2017 22:50:13

Highest Channel



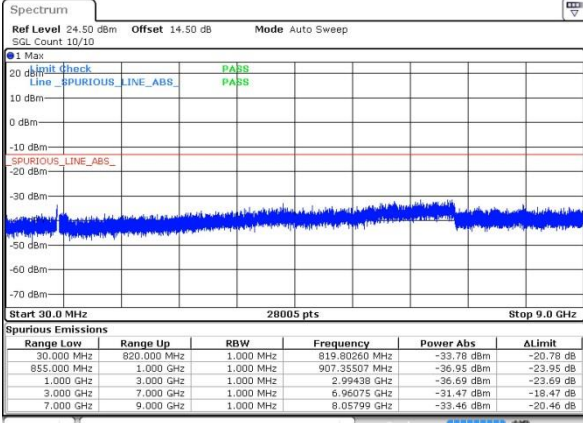
Date: 22 JUN 2017 22:20:16





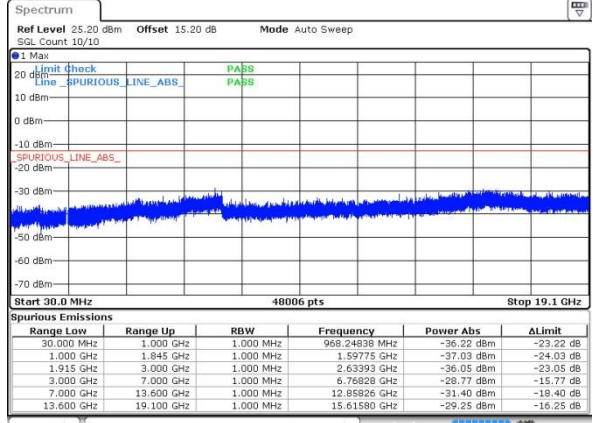
CDMA BC0 (1xRTT)

Lowest Channel

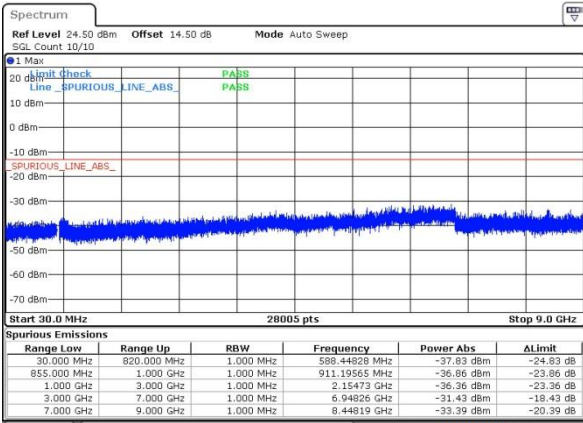


CDMA BC1 (1xRTT)

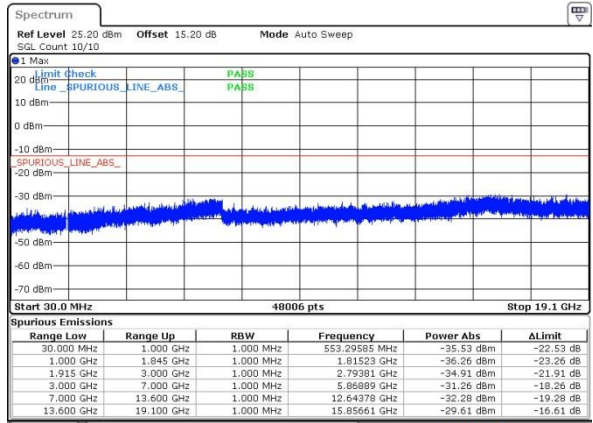
Lowest Channel



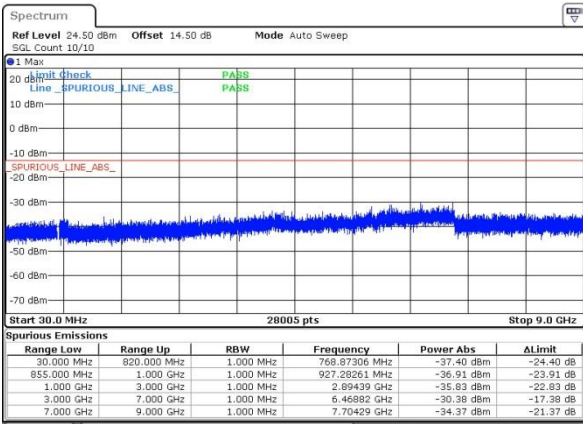
Middle Channel



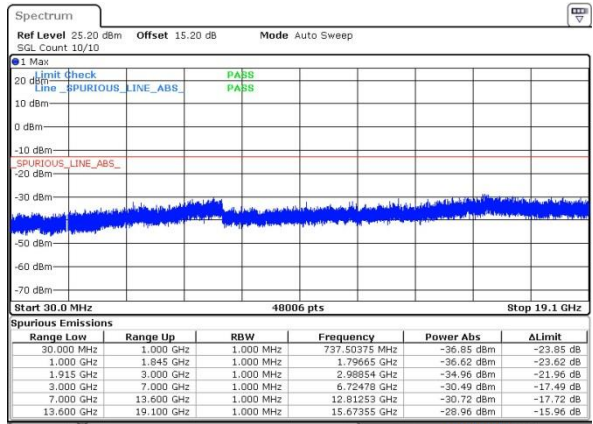
Middle Channel



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	0.0072	0.0048	PASS
40	Normal Voltage	0.0072	0.0012	
30	Normal Voltage	0.0096	0.0012	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0024	0.0072	
0	Normal Voltage	0.0036	0.0048	
-10	Normal Voltage	0.0155	0.0024	
-20	Normal Voltage	0.0108	0.0060	
-30	Normal Voltage	0.0084	0.0096	
20	Maximum Voltage	0.0179	0.0036	
20	Normal Voltage	0.0227	0.0108	
20	Battery End Point	0.0096	0.0024	

Note: Normal Voltage = 3.8V. ; Battery End Point (BEP) =3.4V. ; Maximum Voltage =4.35V

Test Conditions	Middle Channel	GSM1900 (GSM)	GSM1900 (EDGE class 8)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)		Result
50	Normal Voltage	0.0005	0.0032	PASS
40	Normal Voltage	0.0021	0.0005	
30	Normal Voltage	0.0005	0.0005	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0011	0.0011	
0	Normal Voltage	0.0016	0.0011	
-10	Normal Voltage	0.0032	0.0043	
-20	Normal Voltage	0.0027	0.0016	
-30	Normal Voltage	0.0037	0.0032	
20	Maximum Voltage	0.0032	0.0048	
20	Normal Voltage	0.0016	0.0064	
20	Battery End Point	0.0043	0.0074	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) =3.4V. ; Maximum Voltage =4.35V
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	0.0024	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0048	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0072	
0	Normal Voltage	0.0060	
-10	Normal Voltage	0.0143	
-20	Normal Voltage	0.0155	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0227	
20	Normal Voltage	0.0036	
20	Battery End Point	0.0024	

Note: Normal Voltage = 3.8V. ; Battery End Point (BEP) =3.4V. ; Maximum Voltage =4.35V

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0027	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0053	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0069	
-20	Normal Voltage	0.0037	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0085	
20	Normal Voltage	0.0043	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) =3.4V. ; Maximum Voltage =4.35V
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	0.0012	PASS
40	Normal Voltage	0.0035	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0035	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0040	
-30	Normal Voltage	0.0040	
20	Maximum Voltage	0.0173	
20	Normal Voltage	0.0052	
20	Battery End Point	0.0029	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) =3.4V. ; Maximum Voltage =4.35V
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	0.0167	PASS
40	Normal Voltage	0.0060	
30	Normal Voltage	0.0239	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0179	
0	Normal Voltage	0.0036	
-10	Normal Voltage	0.0227	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0143	
20	Maximum Voltage	0.0155	
20	Normal Voltage	0.0024	
20	Battery End Point	0.0036	

Note: Normal Voltage = 3.8V. ; Battery End Point (BEP) =3.4V. ; Maximum Voltage =4.35V

Test Conditions	Middle Channel	CDMA BC1 (1xRTT)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0037	PASS
40	Normal Voltage	0.0027	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0064	
0	Normal Voltage	0.0085	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0096	
-30	Normal Voltage	0.0128	
20	Maximum Voltage	0.0021	
20	Normal Voltage	0.0133	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.4V. ; Maximum Voltage =4.35 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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)
Middle	1672	-59.00	-13	-46.00	-57.63	-60.86	1.19	5.20	H
	2508	-50.24	-13	-37.24	-54.14	-52.46	1.53	5.90	H
	3345	-67.49	-13	-54.49	-71.44	-70.28	1.76	6.70	H
	1672	-59.12	-13	-46.12	-57.08	-60.98	1.19	5.20	V
	2508	-45.00	-13	-32.00	-49.61	-47.22	1.53	5.90	V
	3345	-68.42	-13	-55.42	-71.74	-71.21	1.76	6.70	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)
Middle	1672	-61.99	-13	-48.99	-60.62	-63.85	1.19	5.20	H
	2508	-56.71	-13	-43.71	-59.70	-58.93	1.53	5.90	H
	3345	-68.37	-13	-55.37	-72.32	-71.16	1.76	6.70	H
	1672	-61.30	-13	-48.30	-59.26	-63.16	1.19	5.20	V
	2508	-48.07	-13	-35.07	-51.95	-50.29	1.53	5.90	V
	3345	-68.60	-13	-55.60	-71.92	-71.39	1.76	6.70	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)
Middle	3759	-63.68	-13	-50.68	-67.19	-68.67	1.88	6.87	H
	5640	-62.99	-13	-49.99	-71.18	-70.29	2.38	9.68	H
	7520	-62.13	-13	-49.13	-74.16	-71.20	2.74	11.81	H
	3759	-62.33	-13	-49.33	-66.12	-67.32	1.88	6.87	V
	5640	-61.63	-13	-48.63	-70.2	-68.93	2.38	9.68	V
	7520	-63.52	-13	-50.52	-74.23	-72.59	2.74	11.81	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)
Middle	3759	-66.62	-13	-53.62	-70.13	-71.61	1.88	6.87	H
	5640	-64.74	-13	-51.74	-72.93	-72.04	2.38	9.68	H
	7520	-61.46	-13	-48.46	-73.49	-70.53	2.74	11.81	H
	3759	-67.51	-13	-54.51	-71.3	-72.50	1.88	6.87	V
	5640	-63.78	-13	-50.78	-72.35	-71.08	2.38	9.68	V
	7520	-63.51	-13	-50.51	-74.22	-72.58	2.74	11.81	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)
Middle	1673	-67.17	-13	-54.17	-65.80	-69.03	1.19	5.20	H
	2510	-64.28	-13	-51.28	-67.27	-66.50	1.53	5.90	H
	3345	-68.49	-13	-55.49	-72.44	-71.28	1.76	6.70	H
	1673	-64.67	-13	-51.67	-62.63	-66.53	1.19	5.20	V
	2510	-63.65	-13	-50.65	-65.63	-65.87	1.53	5.90	V
	3345	-68.00	-13	-55.00	-71.32	-70.79	1.76	6.70	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)
Middle	3760	-62.76	-13	-49.76	-66.27	-67.75	1.88	6.87	H
	5640	-64.17	-13	-51.17	-72.36	-71.47	2.38	9.68	H
	7520	-63.00	-13	-50.00	-75.03	-72.07	2.74	11.81	H
	3760	-63.49	-13	-50.49	-67.28	-68.48	1.88	6.87	V
	5640	-64.05	-13	-51.05	-72.62	-71.35	2.38	9.68	V
	7520	-64.24	-13	-51.24	-74.95	-73.31	2.74	11.81	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)
Middle	3465	-63.28	-13	-50.28	-70.07	-68.17	1.81	6.70	H
	5196	-59.19	-13	-46.19	-71.87	-66.09	2.23	9.13	H
	6930	-58.86	-13	-45.86	-74.04	-66.92	2.60	10.66	H
	3465	-67.10	-13	-54.10	-72.3	-71.99	1.81	6.70	V
	5196	-59.28	-13	-46.28	-72.83	-66.18	2.23	9.13	V
	6930	-59.93	-13	-46.93	-74.98	-67.99	2.6	10.66	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)
Middle	1672	-65.32	-13	-52.32	-63.95	-67.18	1.19	5.20	H
	2510	-63.62	-13	-50.62	-66.61	-65.84	1.53	5.90	H
	3345	-67.30	-13	-54.30	-71.25	-70.09	1.76	6.70	H
	1672	-65.78	-13	-52.78	-63.74	-67.64	1.19	5.20	V
	2510	-65.57	-13	-52.57	-67.55	-67.79	1.53	5.90	V
	3345	-67.98	-13	-54.98	-71.3	-70.77	1.76	6.70	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)
Middle	3759	-59.28	-13	-46.28	-62.79	-64.27	1.88	6.87	H
	5640	-62.56	-13	-49.56	-70.75	-69.86	2.38	9.68	H
	7521	-62.88	-13	-49.88	-74.91	-71.95	2.74	11.81	H
	3759	-59.48	-13	-46.48	-63.27	-64.47	1.88	6.87	V
	5640	-62.79	-13	-49.79	-71.36	-70.09	2.38	9.68	V
	7521	-64.34	-13	-51.34	-75.05	-73.41	2.74	11.81	V

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