



## **2.7 FIELD STRENGTH OF SPURIOUS RADIATION**

### **2.7.1 Specification Reference**

Part 22 Subpart H §22.917(a) and Part 24 Subpart E §24.238(a)

### **2.7.2 Standard Applicable**

Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log(P)$  dB.

### **2.7.3 Equipment Under Test and Modification State**

Serial No: SS220414800535 / Test Configuration B

### **2.7.4 Date of Test/Initial of test personnel who performed the test**

June 10 to July 08, 2014 / AC

### **2.7.5 Test Equipment Used**

The major items of test equipment used for the above tests are identified in Section 3.1.

### **2.7.6 Environmental Conditions/ Test Location**

Test performed at TÜV SÜD America Inc. Rancho Bernardo facility

Ambient Temperature	23.8-25.4°C
Relative Humidity	49.3-51.7%
ATM Pressure	99.7-98.7 kPa

### **2.7.7 Additional Observations**

- This is a radiated test using substitution method as per Unwanted Emissions: Radiated Spurious method of measurement of ANSI/TIA/EIA-603-C 2004, August 17, 2004.
- Only the worst case configuration presented in this test report.
- Measurement was done using EMC32 V8.52 automated software. Reported level is the actual level with all the correction factors factored in. Correction Factor column is for informational purposes only.

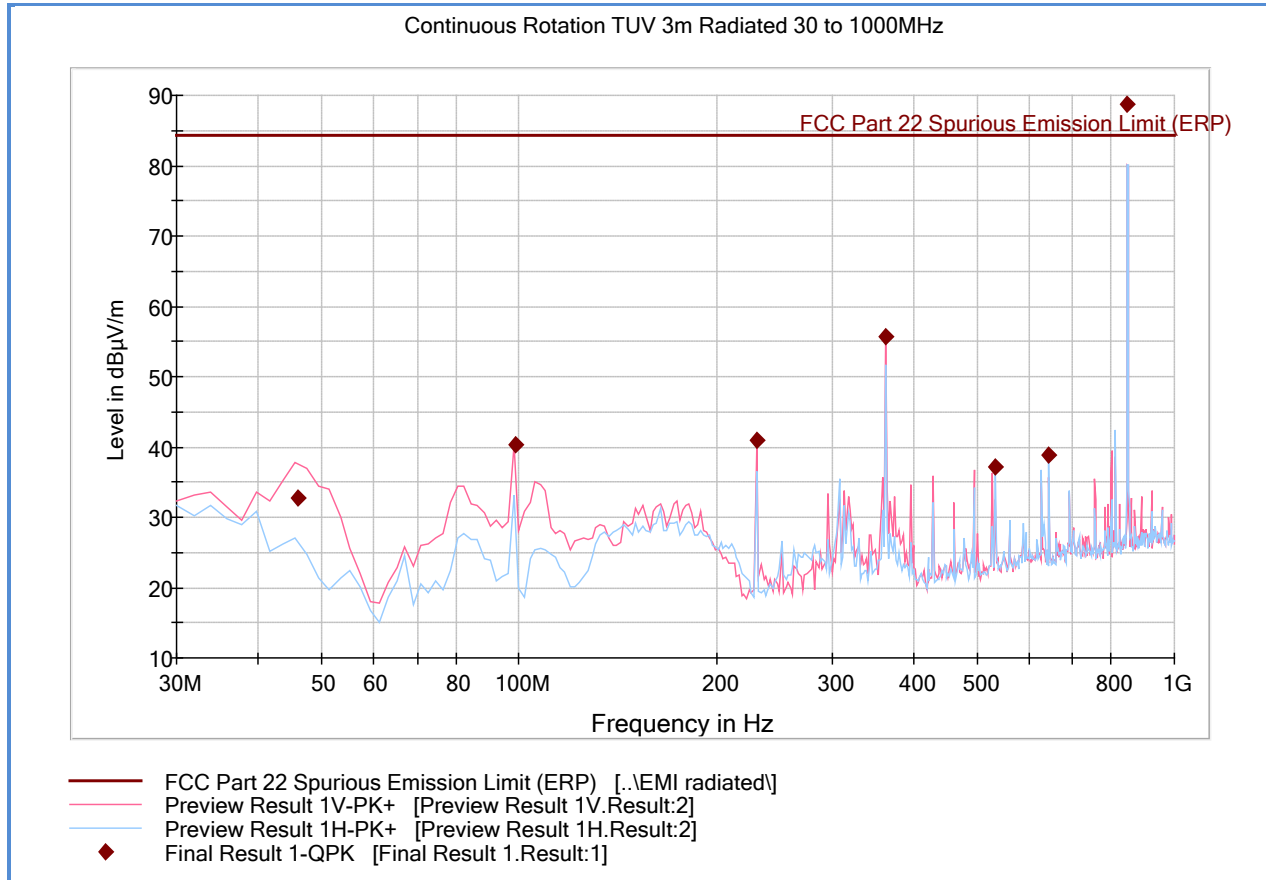
### **2.7.8 Test Results**

See attached plots.



America

2.7.9 Test Results Below 1GHz\_Worst Case Configuration\_CDMA 2000-1xRTT\_Cell BC0\_High Channel (777)



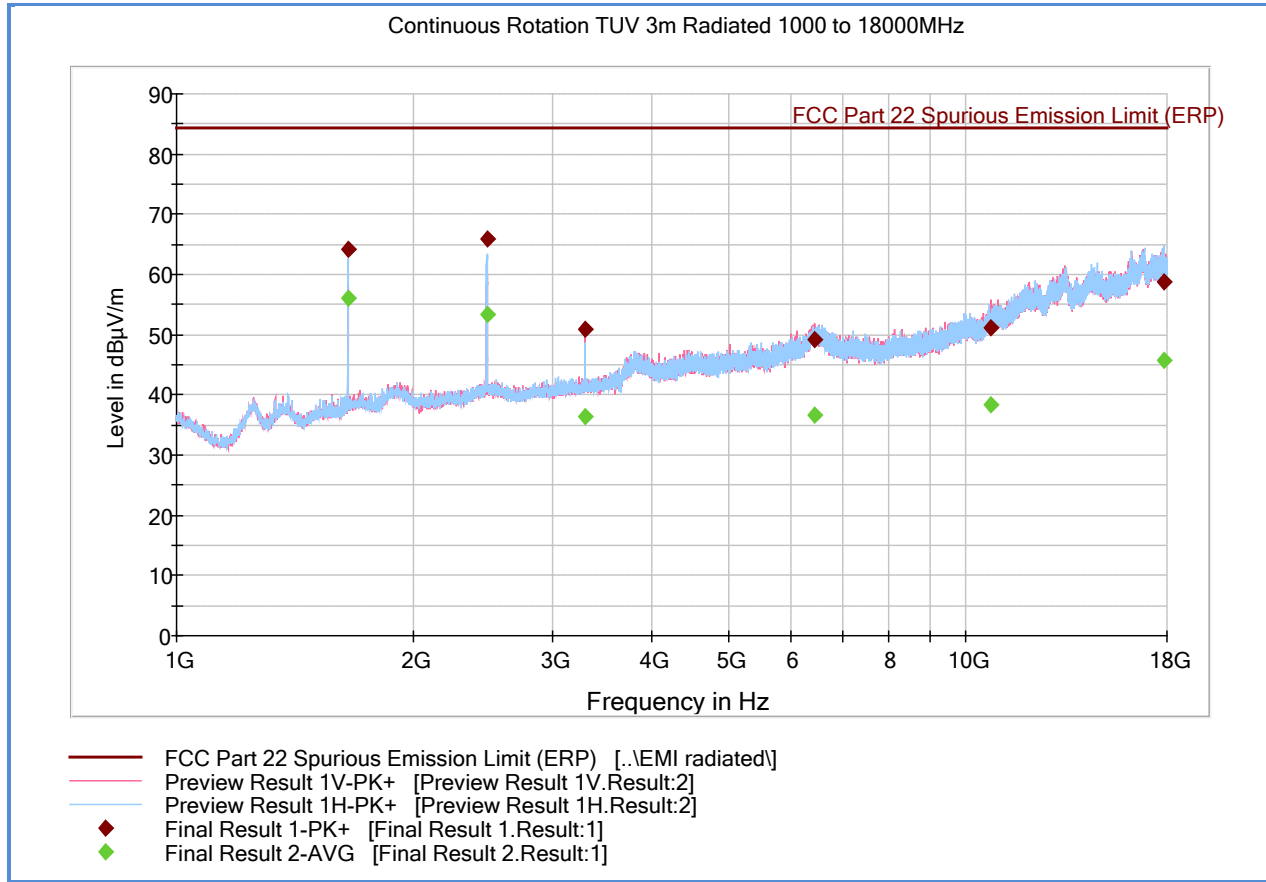
Quasi Peak Data

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
46.031102	32.6	1000.0	120.000	116.0	V	341.0	-17.7	51.7	84.4
98.996072	40.3	1000.0	120.000	100.0	V	243.0	-18.9	44.1	84.4
230.980441	40.9	1000.0	120.000	100.0	V	231.0	-13.9	43.4	84.4
363.004810	55.7	1000.0	120.000	100.0	V	197.0	-9.0	28.7	84.4
532.026934	37.1	1000.0	120.000	109.0	H	47.0	-4.9	47.3	84.4
644.028537	38.8	1000.0	120.000	100.0	H	60.0	-2.9	45.6	84.4
848.016754	88.6	1000.0	120.000	150.0	H	155.0		Fundamental	

**Test Notes:** Only worst case channel presented for spurious emissions below 1GHz.



**2.7.10 Test Results Above 1GHz\_CDMA 2000-1xRTT\_Cell BCO\_Low Channel (1013)**



**Peak/Average Data**

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Peak Margin (dB)	Average Margin (dB)	Limit (dBµV/m)
1648.666667	64.1	56.0	1000.0	1000.000	99.7	H	31.0	-4.3	20.3	28.3	84.4
2472.966667	65.8	53.4	1000.0	1000.000	100.7	H	138.0	0.1	18.6	31.0	84.4
3298.800000	51.0	36.4	1000.0	1000.000	99.7	V	80.0	2.3	33.4	48.0	84.4
6430.600000	49.1	36.5	1000.0	1000.000	248.3	V	222.0	12.6	35.3	47.9	84.4
10774.233333	51.1	38.4	1000.0	1000.000	123.7	V	242.0	16.3	33.3	46.0	84.4
17881.700000	58.9	45.8	1000.0	1000.000	196.5	H	197.0	25.5	25.5	38.6	84.4

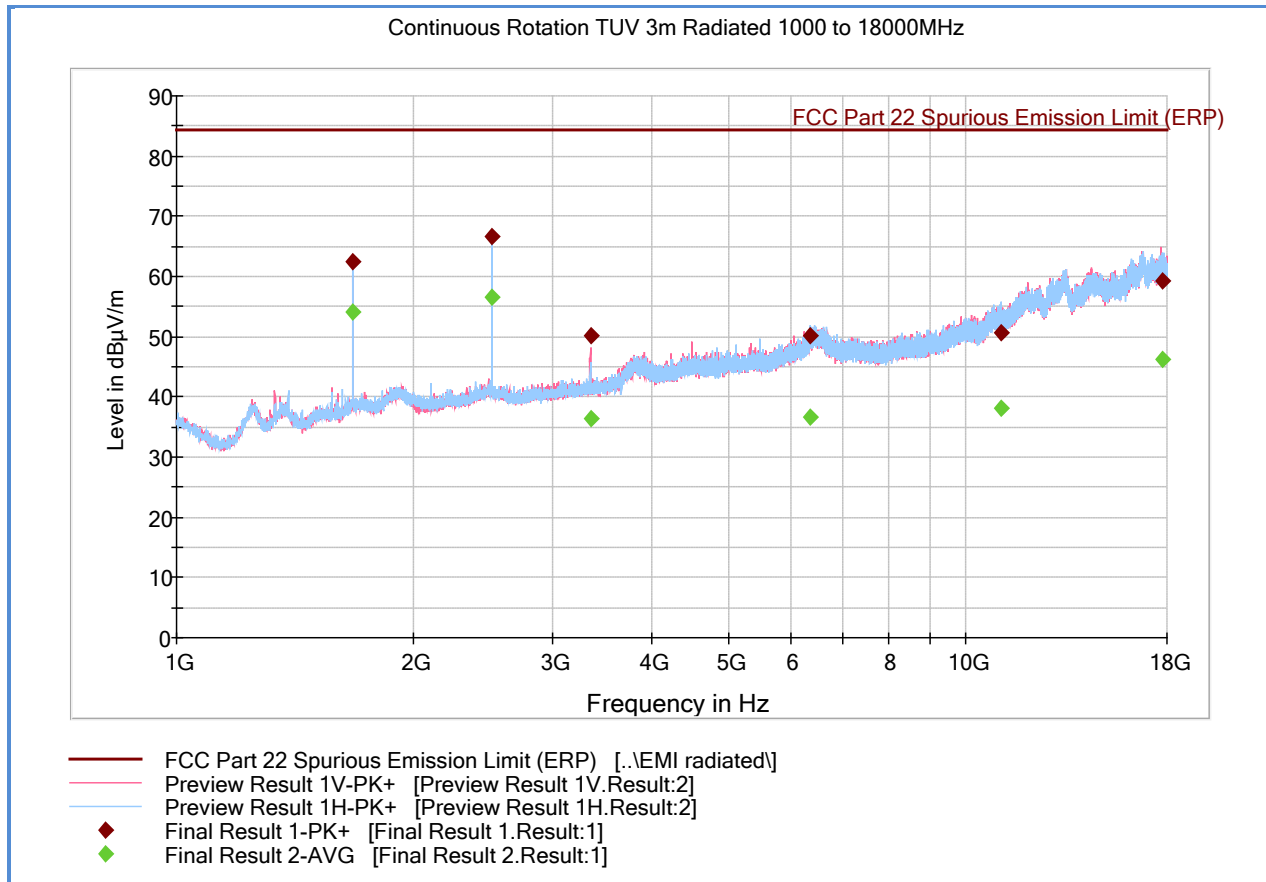
**Substitution Data**

Frequency (MHz)	Field Strength @ 3 meters (dbµV/m)	Cable Loss (dB)	Substitution Antenna Gain (dBi)	Signal Generator Level (dBm)	Substitution Data SGL+AG-CL (dBm)	Limit (dBm)	Compliance
2472.966667	65.8	-3.7	9.5	-35.23	-31.57	-13	Complies

**Test Notes:** Only worst case modulation/bandwidth presented for spurious emissions above 1GHz. Measurement was performed with a 800MHz to 1GHz notch filter. Substitution data required when margin is <20dB compared to the -13dBm limit (converted to field strength @ 3 meters).



2.7.11 Test Results Above 1GHz\_CDMA 2000-1xRTT\_Cell BCO\_Mid Channel (384)



Peak/Average Data

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Peak Margin (dB)	Average Margin (dB)	Limit (dBµV/m)
1673.166667	62.4	54.0	1000.0	1000.000	99.7	H	350.0	-4.0	22.0	30.4	84.4
2509.566667	66.7	56.6	1000.0	1000.000	113.7	H	120.0	0.2	17.7	27.8	84.4
3345.833333	50.0	36.5	1000.0	1000.000	169.6	V	141.0	2.4	34.3	47.9	84.4
6365.033333	50.1	36.7	1000.0	1000.000	100.7	H	356.0	12.6	34.3	47.6	84.4
11100.866666	50.7	38.2	1000.0	1000.000	171.6	H	101.0	16.5	33.7	46.2	84.4
17730.133333	59.2	46.2	1000.0	1000.000	355.1	V	4.0	25.7	25.2	38.2	84.4

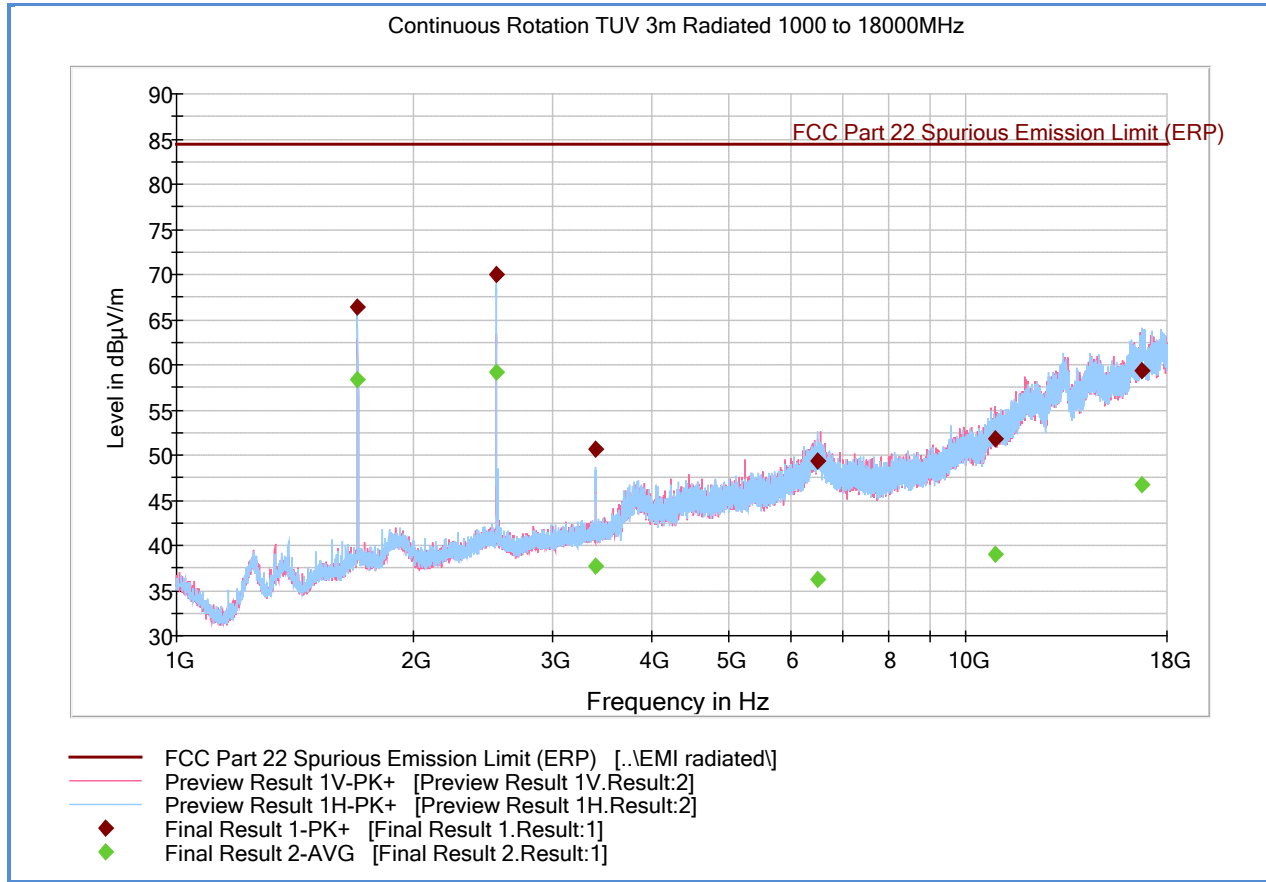
Substitution Data

Frequency (MHz)	Field Strength @ 3 meters (dbµV/m)	Cable Loss (dB)	Substitution Antenna Gain (dBi)	Signal Generator Level (dBm)	Substitution Data SGL+AG-CL (dBm)	Limit (dBm)	Compliance
2509.566667	66.7	-3.8	9.8	-34.52	-30.67	-13	Complies

**Test Notes:** Only worst case modulation/bandwidth presented for spurious emissions above 1GHz. Measurement was performed with a 800MHz to 1GHz notch filter. Substitution data required when margin is <20dB compared to the -13dBm limit (converted to field strength @ 3 meters).



2.7.12 Test Results Above 1GHz\_DMA 2000-1xRTT\_Cell BC0\_High Channel (777)



Peak/Average Data

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Peak Margin (dB)	Average Margin (dB)	Limit (dBµV/m)
1696.800000	66.4	58.4	1000.0	1000.000	99.7	H	42.0	-3.7	17.9	26.0	84.4
2543.800000	69.9	59.1	1000.0	1000.000	101.7	H	154.0	0.1	14.4	25.3	84.4
3393.233333	50.6	37.7	1000.0	1000.000	100.7	H	97.0	2.5	33.8	46.7	84.4
6494.600000	49.3	36.3	1000.0	1000.000	311.2	H	318.0	12.7	35.1	48.1	84.4
10886.266666	51.8	39.1	1000.0	1000.000	300.6	V	50.0	16.7	32.6	45.3	84.4
16699.133333	59.3	46.7	1000.0	1000.000	390.1	H	3.0	25.8	25.0	37.7	84.4

Substitution Data

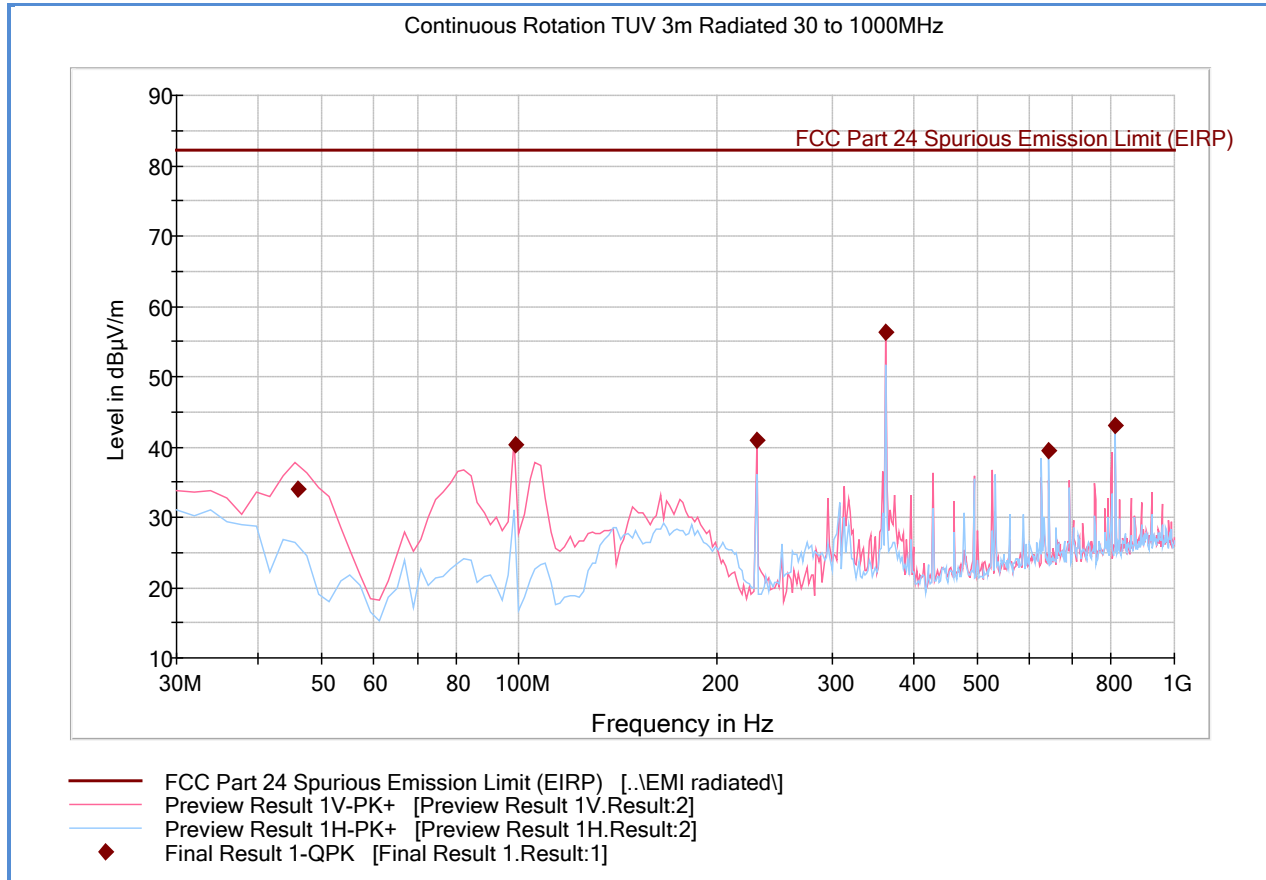
Frequency (MHz)	Field Strength @ 3 meters (dbµV/m)	Cable Loss (dB)	Substitution Antenna Gain (dBi)	Signal Generator Level (dBm)	Substitution Data SGL+AG-CL (dBm)	Limit (dBm)	Compliance
1696.800000	66.4	-3.2	9.1	-34.77	-30.97	-13	Complies
2543.800000	69.9	-3.8	9.8	-34.32	-30.47	-13	Complies

**Test Notes:** Only worst case modulation/bandwidth presented for spurious emissions above 1GHz. Measurement was performed with a 800MHz to 1GHz notch filter. Substitution data required when margin is <20dB compared to the -13dBm limit (converted to field strength @ 3 meters).



America

**2.7.13 Test Results Below 1GHz\_Worst Case Configuration\_CDMA 2000-1xRTT\_PCS BC1\_High Channel (1175)**



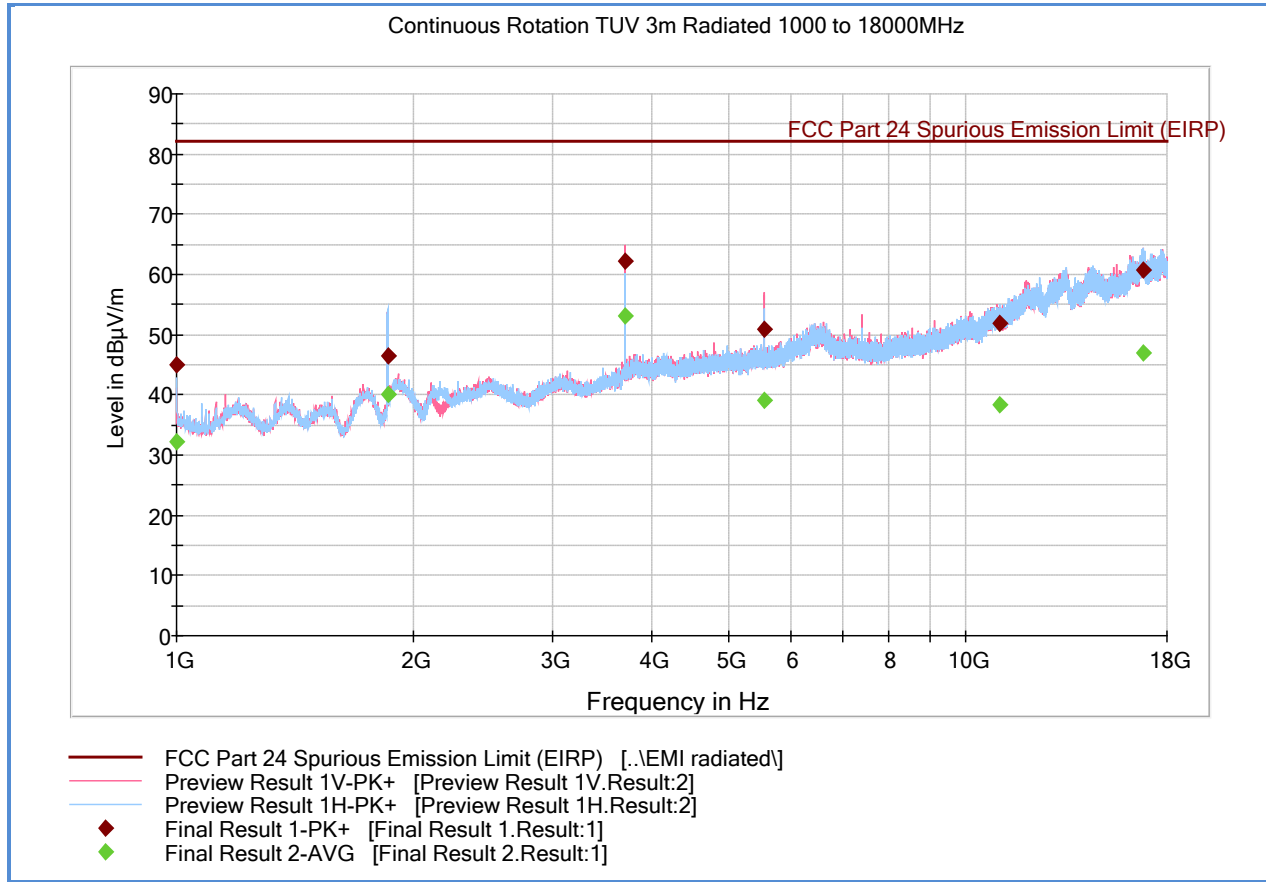
**Quasi Peak Data**

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
45.911102	34.1	1000.0	120.000	100.0	V	199.0	-17.6	48.1	82.2
98.996072	40.4	1000.0	120.000	109.0	V	213.0	-18.9	41.9	82.2
230.980441	41.0	1000.0	120.000	100.0	V	237.0	-13.9	41.2	82.2
363.004810	56.3	1000.0	120.000	100.0	V	198.0	-9.0	26.0	82.2
644.028537	39.4	1000.0	120.000	100.0	H	63.0	-2.9	42.9	82.2
812.026774	43.1	1000.0	120.000	100.0	H	81.0	0.2	39.1	82.2

**Test Notes:** Only worst case channel presented for spurious emissions below 1GHz.



2.7.14 Test Results Above 1GHz\_CDMA 2000-1xRTT\_PCS BC1\_Low Channel (25)



Peak/Average Data

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Peak Margin (dB)	Average Margin (dB)	Limit (dBµV/m)
1000.000000	45.1	32.1	1000.0	1000.000	268.3	H	37.0	-7.0	37.2	50.1	82.2
1851.333333	46.6	40.0	1000.0	1000.000	200.5	H	318.0	-2.2	35.7	42.2	82.2
3701.700000	62.1	53.1	1000.0	1000.000	99.7	V	295.0	4.7	20.1	29.2	82.2
5554.100000	50.9	39.1	1000.0	1000.000	137.7	V	294.0	8.9	31.3	43.1	82.2
11064.566666	51.8	38.5	1000.0	1000.000	122.7	H	231.0	16.7	30.5	43.8	82.2
16772.000000	60.6	46.9	1000.0	1000.000	236.4	V	355.0	25.9	21.6	35.3	82.2

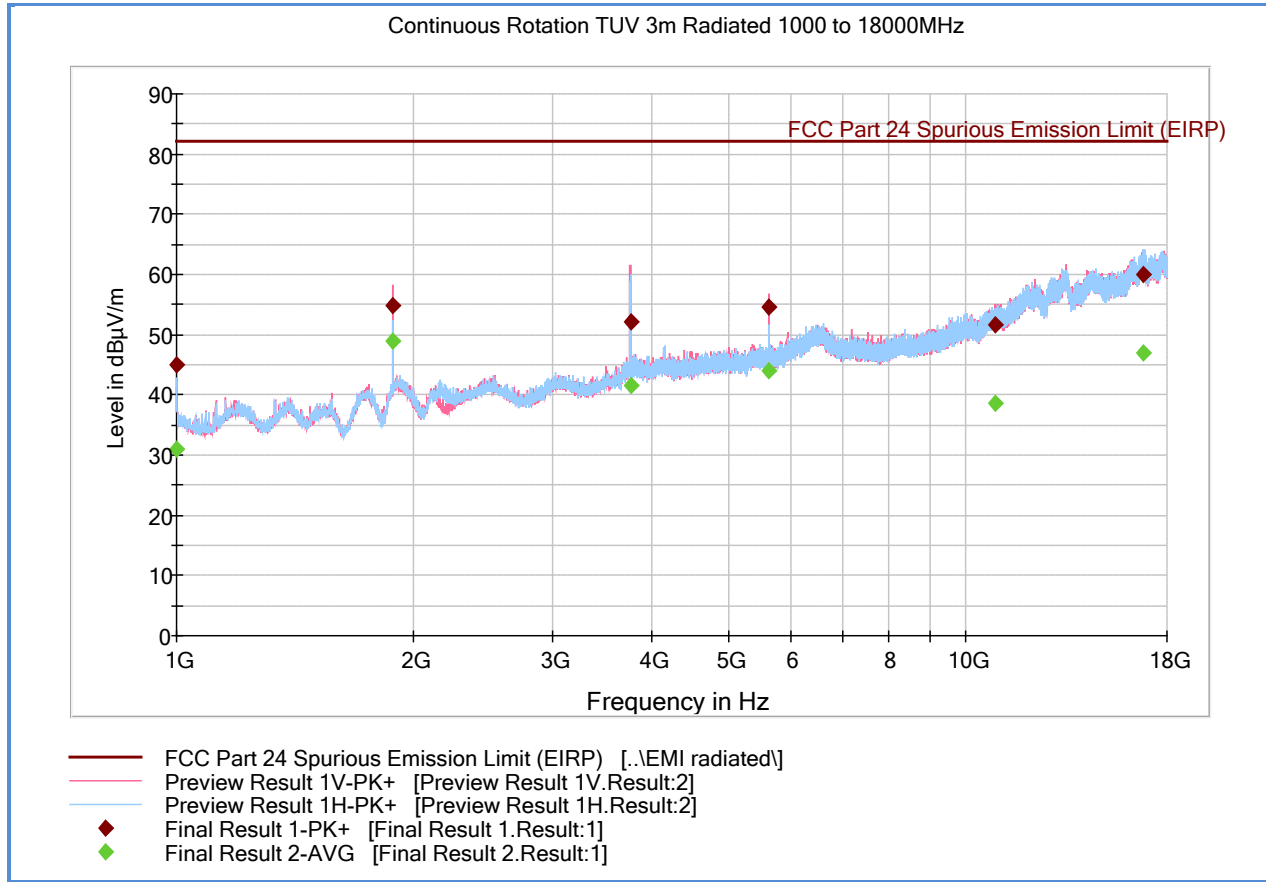
Substitution Data

Frequency (MHz)	Field Strength @ 3 meters (dBµV/m)	Cable Loss (dB)	Substitution Antenna Gain (dBi)	Signal Generator Level (dBm)	Substitution Data SGL+AG-CL (dBm)	Limit (dBm)	Compliance

**Test Notes:** Only worst case modulation/bandwidth presented for spurious emissions above 1GHz. Measurement was performed with a 1800MHz to 2000MHz notch filter. Substitution data not required since margin is >20dB compared to the -13dBm limit (converted to field strength @ 3 meters).



**2.7.15 Test Results Above 1GHz\_CDMA 2000-1xRTT\_PCS BC1\_Mid Channel (600)**



**Peak/Average Data**

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Peak Margin (dB)	Average Margin (dB)	Limit (dBµV/m)
1000.400000	45.0	31.0	1000.0	1000.000	257.3	H	352.0	-7.0	37.2	51.3	82.2
1879.866667	54.7	48.9	1000.0	1000.000	247.3	V	2.0	-1.8	27.5	33.4	82.2
3759.900000	52.2	41.6	1000.0	1000.000	113.7	V	166.0	5.3	30.0	40.7	82.2
5639.733333	54.7	43.9	1000.0	1000.000	120.7	V	300.0	9.2	27.5	38.3	82.2
10909.43333	51.6	38.6	1000.0	1000.000	217.4	V	110.0	16.8	30.7	43.6	82.2
16795.10000	60.1	46.9	1000.0	1000.000	407.1	H	318.0	25.9	22.1	35.3	82.2

**Substitution Data**

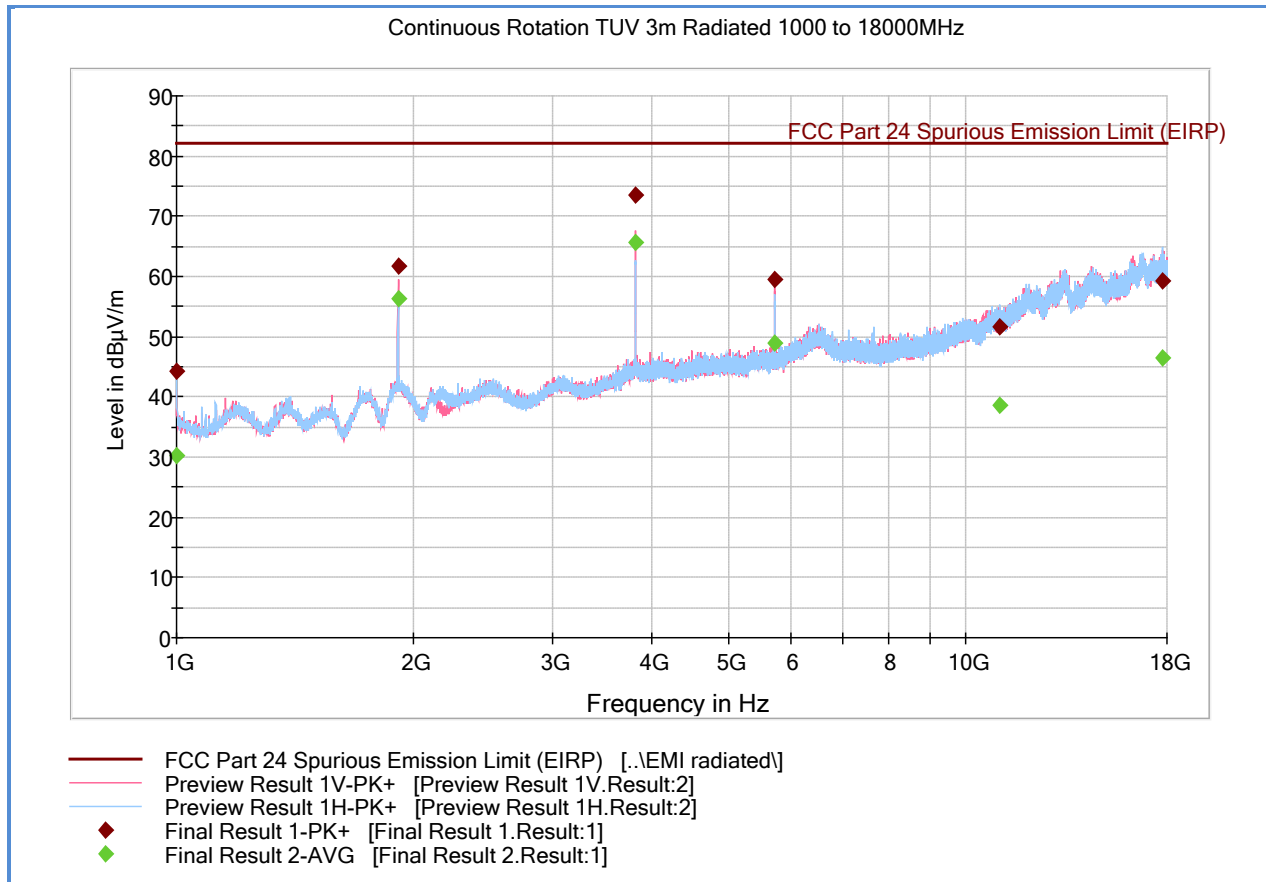
Frequency (MHz)	Field Strength @ 3 meters (dbµV/m)	Cable Loss (dB)	Substitution Antenna Gain (dBi)	Signal Generator Level (dBm)	Substitution Data SGL+AG-CL (dBm)	Limit (dBm)	Compliance

**Test Notes:** Only worst case modulation/bandwidth presented for spurious emissions above 1GHz. Measurement was performed with a 1800MHz to 2000MHz notch filter. Substitution data not required since margin is >20dB compared to the -13dBm limit (converted to field strength @ 3 meters).





2.7.16 Test Results Above 1GHz\_CDMA 2000-1xRTT\_PCS BC1\_High Channel (1175)



Peak/Average Data

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Peak Margin (dB)	Average Margin (dB)	Limit (dBµV/m)
1000.400000	44.3	30.3	1000.0	1000.000	268.3	H	20.0	-7.0	37.9	51.9	82.2
1908.766667	61.8	56.3	1000.0	1000.000	164.6	V	169.0	-1.5	20.5	26.0	82.2
3817.833333	73.5	65.6	1000.0	1000.000	99.7	V	83.0	6.0	8.7	16.6	82.2
5726.533333	59.6	48.9	1000.0	1000.000	103.7	V	28.0	9.6	22.6	33.3	82.2
11045.10000	51.6	38.7	1000.0	1000.000	101.7	H	31.0	16.8	30.7	43.5	82.2
17773.46666	59.2	46.5	1000.0	1000.000	226.4	H	51.0	25.8	23.1	35.8	82.2

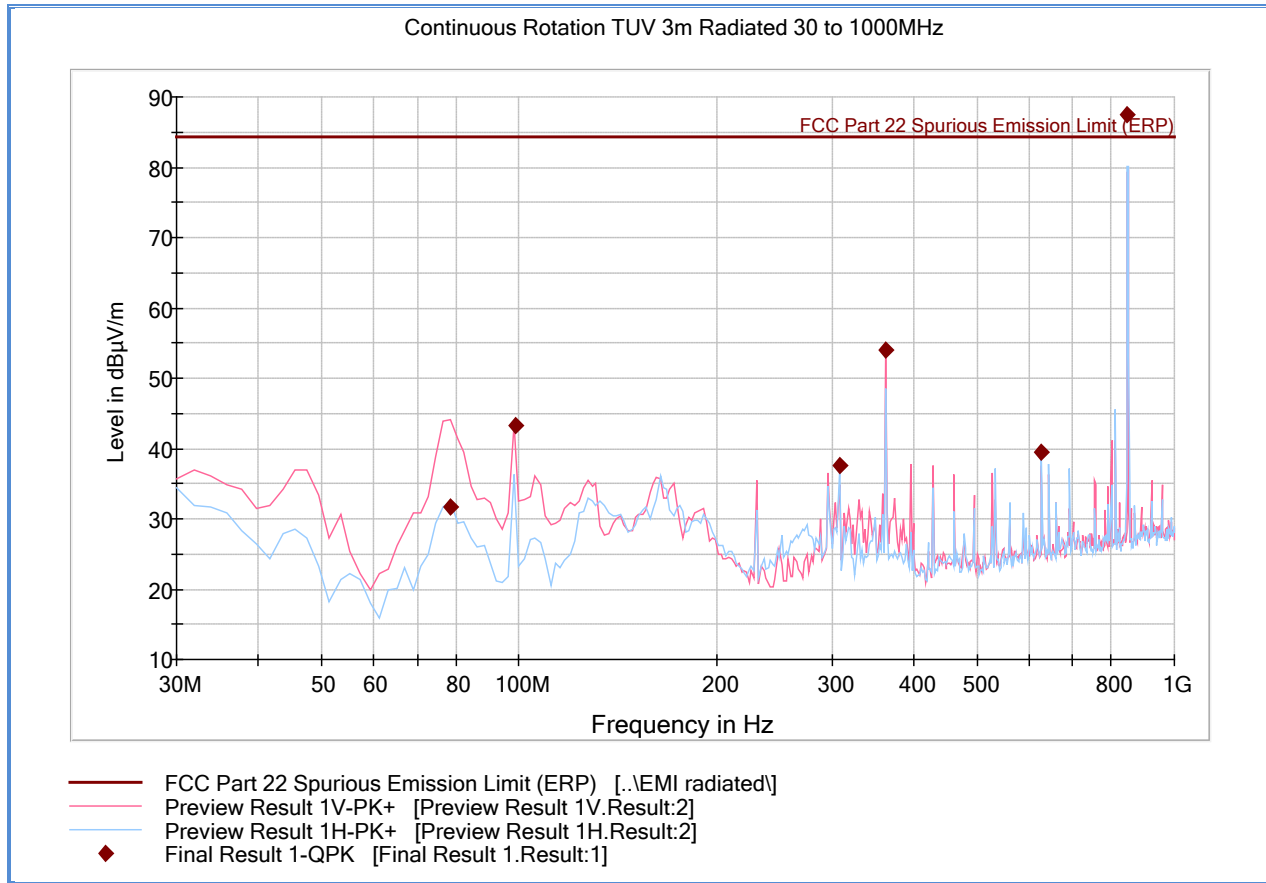
Substitution Data

Frequency (MHz)	Field Strength @ 3 meters (dbµV/m)	Cable Loss (dB)	Substitution Antenna Gain (dBi)	Signal Generator Level (dBm)	Substitution Data SGL+AG-CL (dBm)	Limit (dBm)	Compliance
3817.833333	73.5	-3.8	9.1	-27.12	-21.72	-13	Complies

**Test Notes:** Only worst case modulation/bandwidth presented for spurious emissions above 1GHz. Measurement was performed with a 1800MHz to 2000MHz notch filter. Substitution data required when margin is <20dB compared to the -13dBm limit (converted to field strength @ 3 meters).



**2.7.17 Test Results Below 1GHz\_Worst Case Configuration  
 CDMA 2000-1xEV-DO\_Release 0\_Cell BCO\_High Channel (777)**



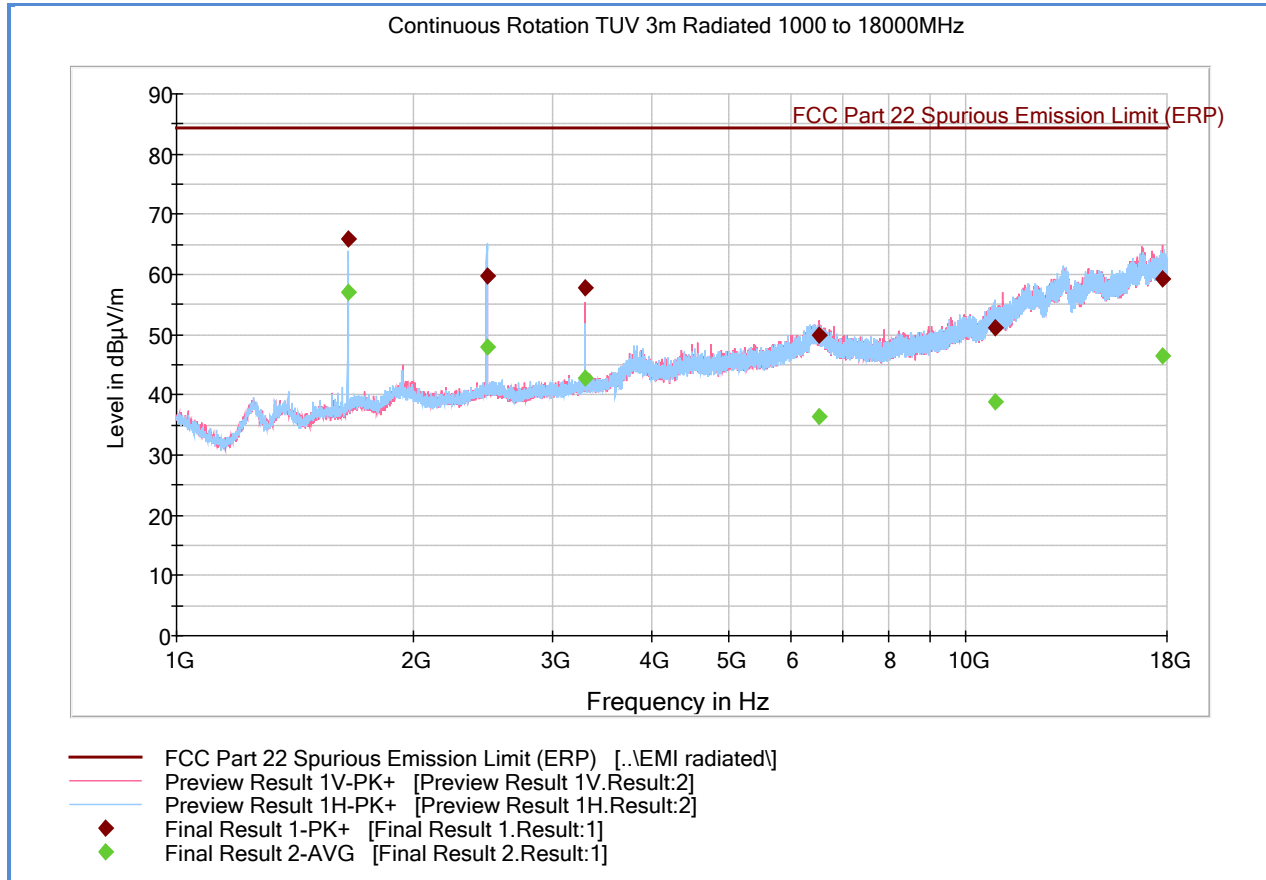
**Quasi Peak Data**

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
78.397194	31.6	1000.0	120.000	100.0	V	11.0	-21.1	52.8	84.4
98.996072	43.3	1000.0	120.000	100.0	V	195.0	-18.9	41.0	84.4
308.015952	37.5	1000.0	120.000	133.0	H	121.0	-10.9	46.8	84.4
363.004810	53.9	1000.0	120.000	100.0	V	148.0	-9.0	30.5	84.4
626.973547	39.4	1000.0	120.000	105.0	H	145.0	-2.4	45.0	84.4
848.640641	87.6	1000.0	120.000	100.0	H	-3.0	0.7	-3.2	84.4

**Test Notes:** Only worst case channel presented for spurious emissions below 1GHz.



2.7.18 Test Results Above 1GHz\_CDMA 2000-1xEV-DO\_Release 0\_Cell BC0\_Low Channel (1013)



Peak/Average Data

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Peak Margin (dB)	Average Margin (dB)	Limit (dBµV/m)
1648.666667	65.8	57.2	1000.0	1000.000	99.7	H	36.0	-4.3	18.6	57.2	84.4
2472.966667	59.8	47.9	1000.0	1000.000	114.7	H	179.0	0.1	24.6	47.9	84.4
3299.000000	57.9	42.9	1000.0	1000.000	99.7	V	278.0	2.3	26.5	42.9	84.4
6533.933333	49.9	36.3	1000.0	1000.000	177.6	V	170.0	12.8	34.5	36.3	84.4
10886.26666	51.2	38.9	1000.0	1000.000	112.7	H	0.0	16.7	33.2	38.9	84.4
17765.93333	59.4	46.5	1000.0	1000.000	163.6	V	241.0	25.8	25.0	46.5	84.4

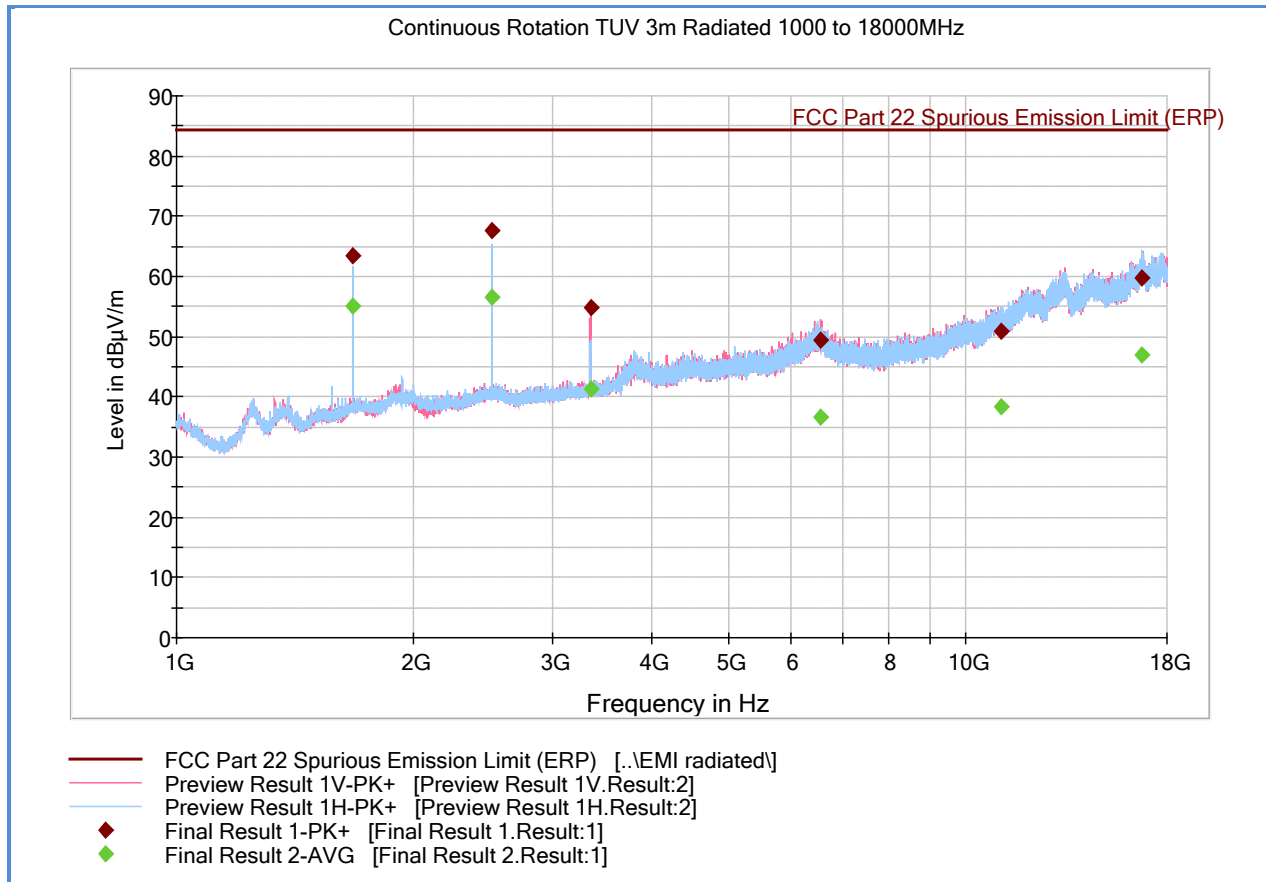
Substitution Data

Frequency (MHz)	Field Strength @ 3 meters (dbµV/m)	Cable Loss (dB)	Substitution Antenna Gain (dBi)	Signal Generator Level (dBm)	Substitution Data SGL+AG-CL (dBm)	Limit (dBm)	Compliance
1648.666667	65.8	-3.1	9.1	-35.4	-31.57	-13	Complies

**Test Notes:** Only worst case modulation/bandwidth presented for spurious emissions above 1GHz. Measurement was performed with a 800MHz to 1GHz notch filter. Substitution data required when margin is <20dB compared to the -13dBm limit (converted to field strength @ 3 meters).



2.7.19 Test Results Above 1GHz\_CDMA 2000-1xEV-DO\_Release 0\_Cell BC0\_Mid Channel (384)



Peak/Average Data

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Peak Margin (dB)	Average Margin (dB)	Limit (dBµV/m)
1672.866667	63.4	55.1	1000.0	1000.000	99.7	H	35.0	-4.0	21.0	29.3	84.4
2508.666667	67.5	56.7	1000.0	1000.000	103.7	H	176.0	0.2	16.9	27.7	84.4
3346.200000	54.9	41.3	1000.0	1000.000	113.7	V	86.0	2.4	29.5	43.1	84.4
6539.400000	49.3	36.6	1000.0	1000.000	202.3	V	326.0	12.8	35.1	47.8	84.4
11092.16666	50.8	38.3	1000.0	1000.000	257.3	H	-1.0	16.6	33.6	46.1	84.4
16760.13333	59.7	47.0	1000.0	1000.000	145.7	H	61.0	25.9	24.7	37.4	84.4

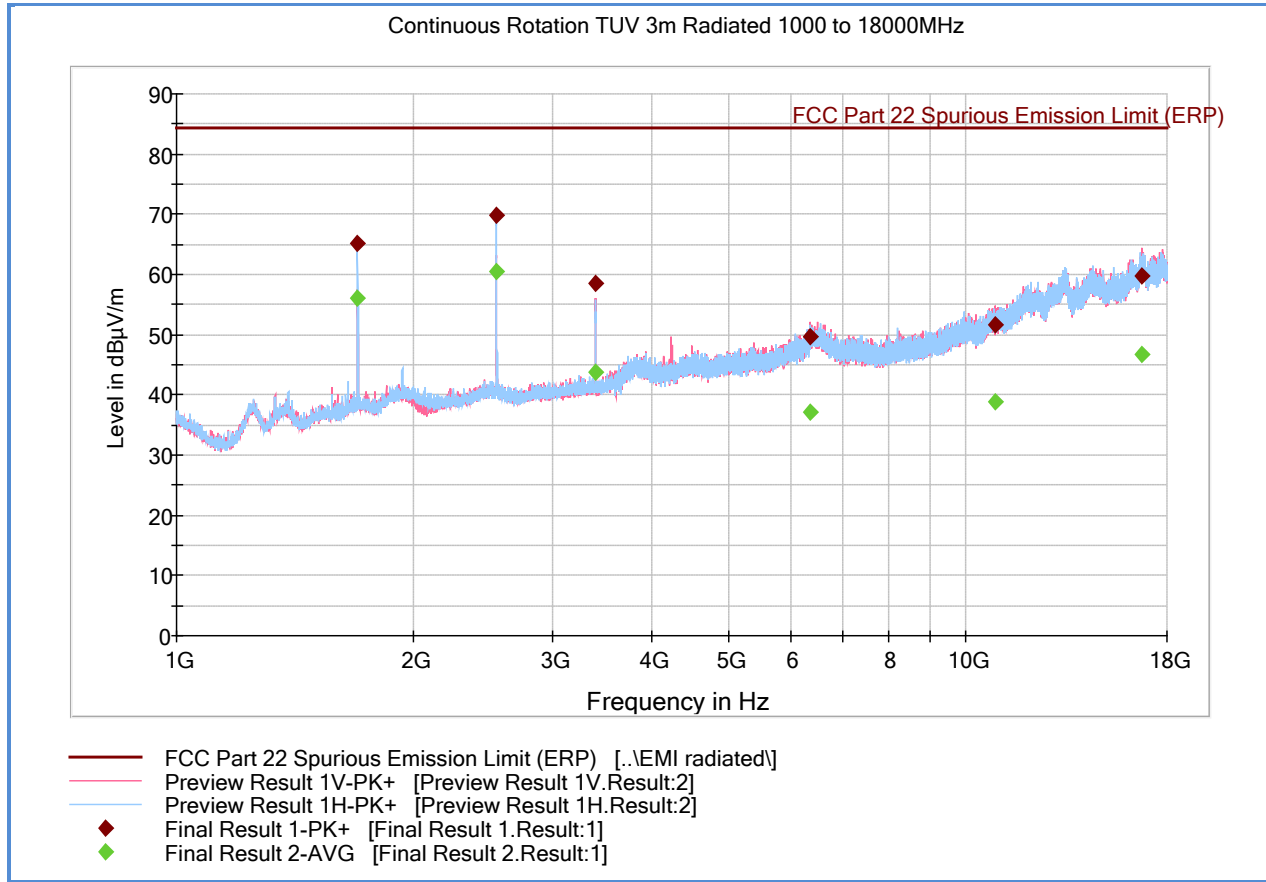
Substitution Data

Frequency (MHz)	Field Strength @ 3 meters (dBµV/m)	Cable Loss (dB)	Substitution Antenna Gain (dBi)	Signal Generator Level (dBm)	Substitution Data SGL+AG-CL (dBm)	Limit (dBm)	Compliance
2508.666667	67.5	-3.8	9.8	-33.72	-29.87	-13	Complies

**Test Notes:** Only worst case modulation/bandwidth presented for spurious emissions above 1GHz. Measurement was performed with a 1800MHz to 2000MHz notch filter. Substitution data required when margin is <20dB compared to the -13dBm limit (converted to field strength @ 3 meters).



**2.7.20 Test Results Above 1GHz\_CDMA 2000-1xEV-DO\_Release 0\_Cell BC0\_High Channel (777)**



**Peak/Average Data**

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Peak Margin (dB)	Average Margin (dB)	Limit (dBµV/m)
1696.666667	65.1	56.1	1000.0	1000.000	101.7	H	32.0	-3.7	19.3	28.3	84.4
2545.266667	69.8	60.4	1000.0	1000.000	102.7	H	179.0	0.0	14.6	24.0	84.4
3392.100000	58.6	43.9	1000.0	1000.000	113.7	V	87.0	2.5	25.8	40.5	84.4
6354.833333	49.7	37.0	1000.0	1000.000	161.6	V	257.0	12.5	34.7	47.3	84.4
10922.16666	51.7	38.8	1000.0	1000.000	120.7	V	185.0	16.8	32.6	45.5	84.4
16703.70000	59.6	46.7	1000.0	1000.000	201.3	V	221.0	25.8	24.7	37.7	84.4

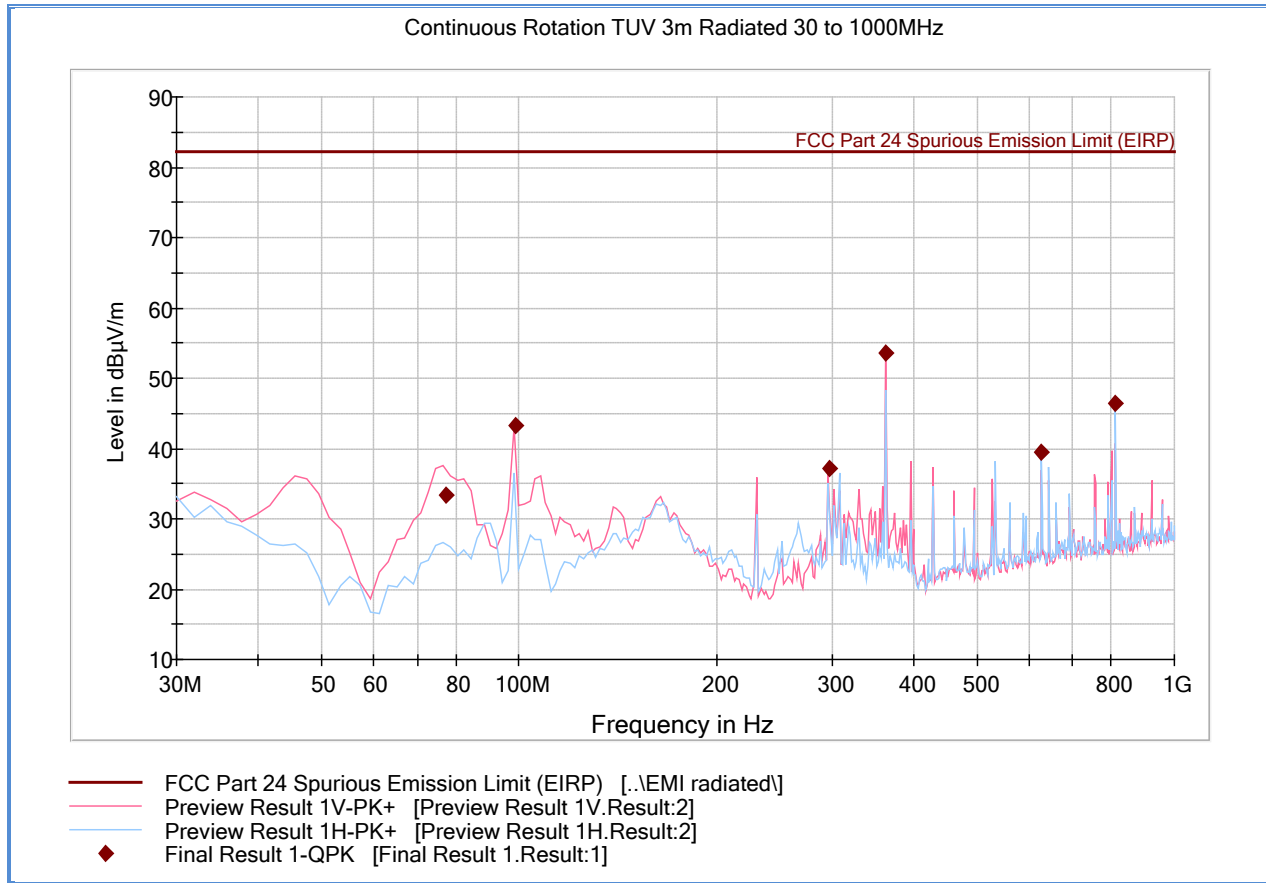
**Substitution Data**

Frequency (MHz)	Field Strength @ 3 meters (dbµV/m)	Cable Loss (dB)	Substitution Antenna Gain (dBi)	Signal Generator Level (dBm)	Substitution Data SGL+AG-CL (dBm)	Limit (dBm)	Compliance
1696.666667	65.1	-3.2	9.1	-36.0	-32.27	-13	Complies
2545.266667	69.8	-3.8	9.8	-31.42	-27.57	-13	Complies

**Test Notes:** Only worst case modulation/bandwidth presented for spurious emissions above 1GHz. Measurement was performed with a 1800MHz to 2000MHz notch filter. Substitution data required when margin is <20dB compared to the -13dBm limit (converted to field strength @ 3 meters).



**2.7.21 Test Results Below 1GHz\_Worst Case Configuration**  
**CDMA 2000-1xEV-DO\_Release 0\_PCS BC1\_High Channel (1175)**



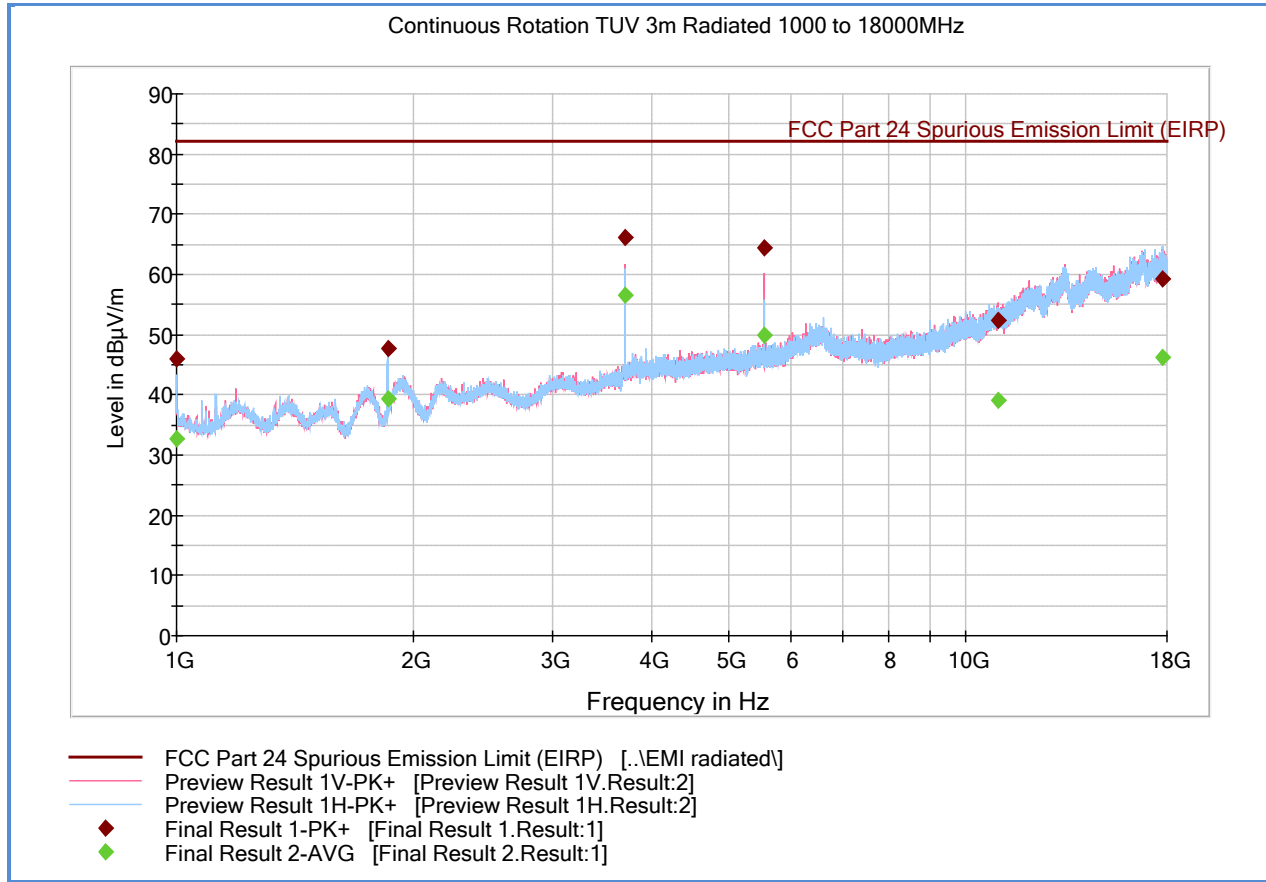
**Quasi Peak Data**

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
77.173307	33.4	1000.0	120.000	110.0	V	334.0	-21.2	48.9	82.2
98.996072	43.3	1000.0	120.000	100.0	V	180.0	-18.9	38.9	82.2
296.992625	37.2	1000.0	120.000	100.0	V	68.0	-11.6	45.0	82.2
363.004810	53.6	1000.0	120.000	100.0	V	140.0	-9.0	28.6	82.2
626.973547	39.4	1000.0	120.000	105.0	H	146.0	-2.4	42.8	82.2
812.026774	46.4	1000.0	120.000	100.0	H	83.0	0.2	35.8	82.2

**Test Notes:** Only worst case channel presented for spurious emissions below 1GHz.



2.7.22 Test Results Above 1GHz\_CDMA 2000-1xEV-DO\_Release 0\_PCS BC1\_Low Channel (25)



Peak/Average Data

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Peak Margin (dB)	Average Margin (dB)	Limit (dBµV/m)
1000.000000	45.9	32.7	1000.0	1000.000	268.3	H	300.0	-7.0	36.3	49.5	82.2
1850.933333	47.7	39.3	1000.0	1000.000	200.5	H	316.0	-2.2	34.5	42.9	82.2
3702.666667	66.1	56.5	1000.0	1000.000	99.7	V	273.0	4.7	16.2	25.8	82.2
5553.966667	64.5	49.9	1000.0	1000.000	105.7	V	10.0	8.9	17.7	32.4	82.2
11006.00000	52.4	39.1	1000.0	1000.000	160.6	V	321.0	17.0	29.8	43.1	82.2
17751.83333	59.2	46.2	1000.0	1000.000	136.7	V	-1.0	25.8	23.0	36.1	82.2

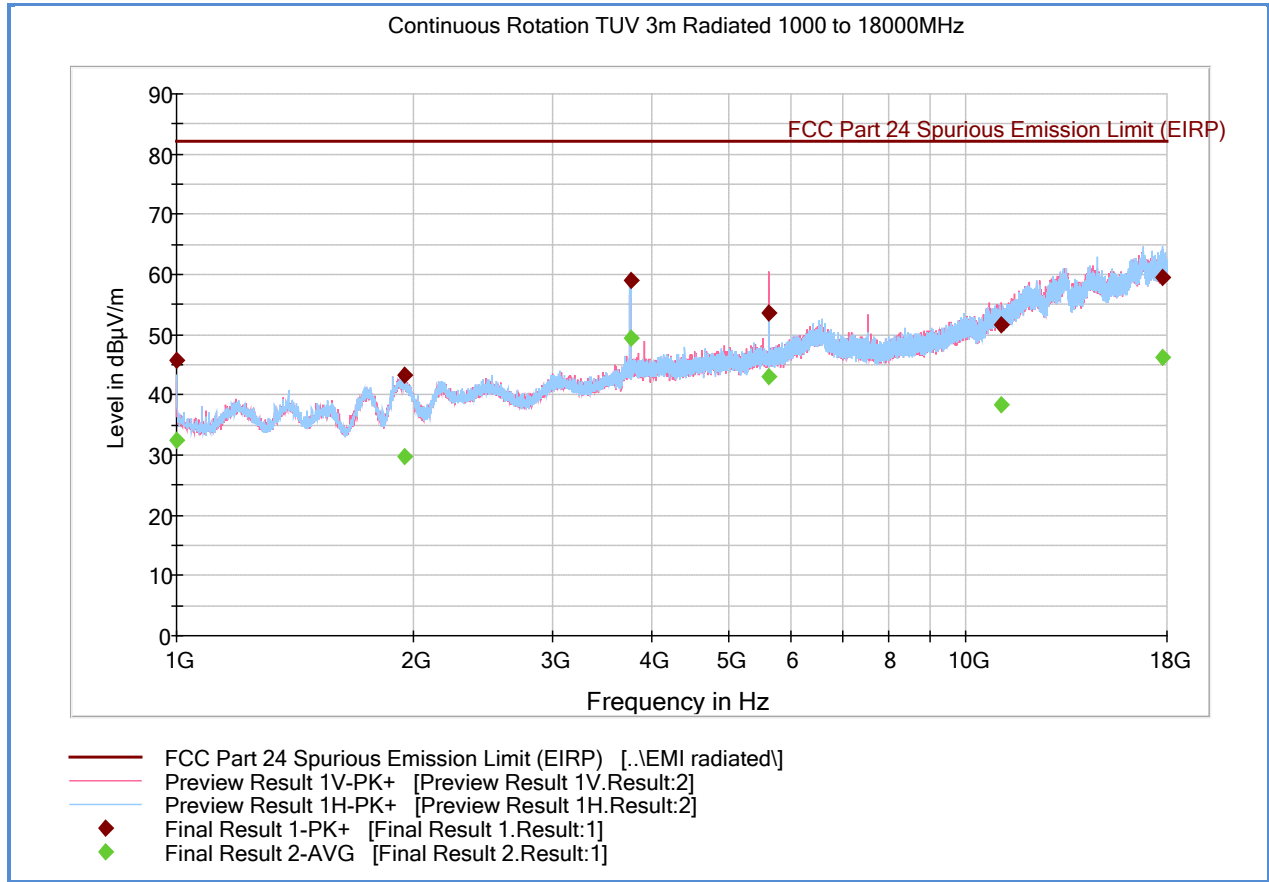
Substitution Data

Frequency (MHz)	Field Strength @ 3 meters (dbµV/m)	Cable Loss (dB)	Substitution Antenna Gain (dBi)	Signal Generator Level (dBm)	Substitution Data SGL+AG-CL (dBm)	Limit (dBm)	Compliance
3702.666667	66.1	-3.8	9.6	-34.9	-29.12	-13	Complies
5553.966667	64.5	-5.7	10.95	-35.98	-30.72	-13	Complies

**Test Notes:** Only worst case modulation/bandwidth presented for spurious emissions above 1GHz. Measurement was performed with a 1800MHz to 2000MHz notch filter. Substitution data required when margin is <20dB compared to the -13dBm limit (converted to field strength @ 3 meters).



**2.7.23 Test Results Above 1GHz\_CDMA 2000-1xEV-DO\_Release 0\_PCS BC1\_Mid Channel (600)**



**Peak/Average Data**

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Peak Margin (dB)	Average Margin (dB)	Limit (dBµV/m)
1000.000000	45.7	32.5	1000.0	1000.000	269.3	H	41.0	-7.0	36.5	49.7	82.2
1944.433333	43.3	29.8	1000.0	1000.000	202.3	H	299.0	-1.3	38.9	52.5	82.2
3760.633333	59.1	49.3	1000.0	1000.000	122.7	H	234.0	5.4	23.1	32.9	82.2
5639.533333	53.7	43.0	1000.0	1000.000	121.7	V	34.0	9.2	28.5	39.3	82.2
11079.13333	51.8	38.3	1000.0	1000.000	302.2	V	357.0	16.6	30.5	43.9	82.2
17761.56666	59.4	46.1	1000.0	1000.000	99.7	H	190.0	25.8	22.8	36.1	82.2

**Substitution Data**

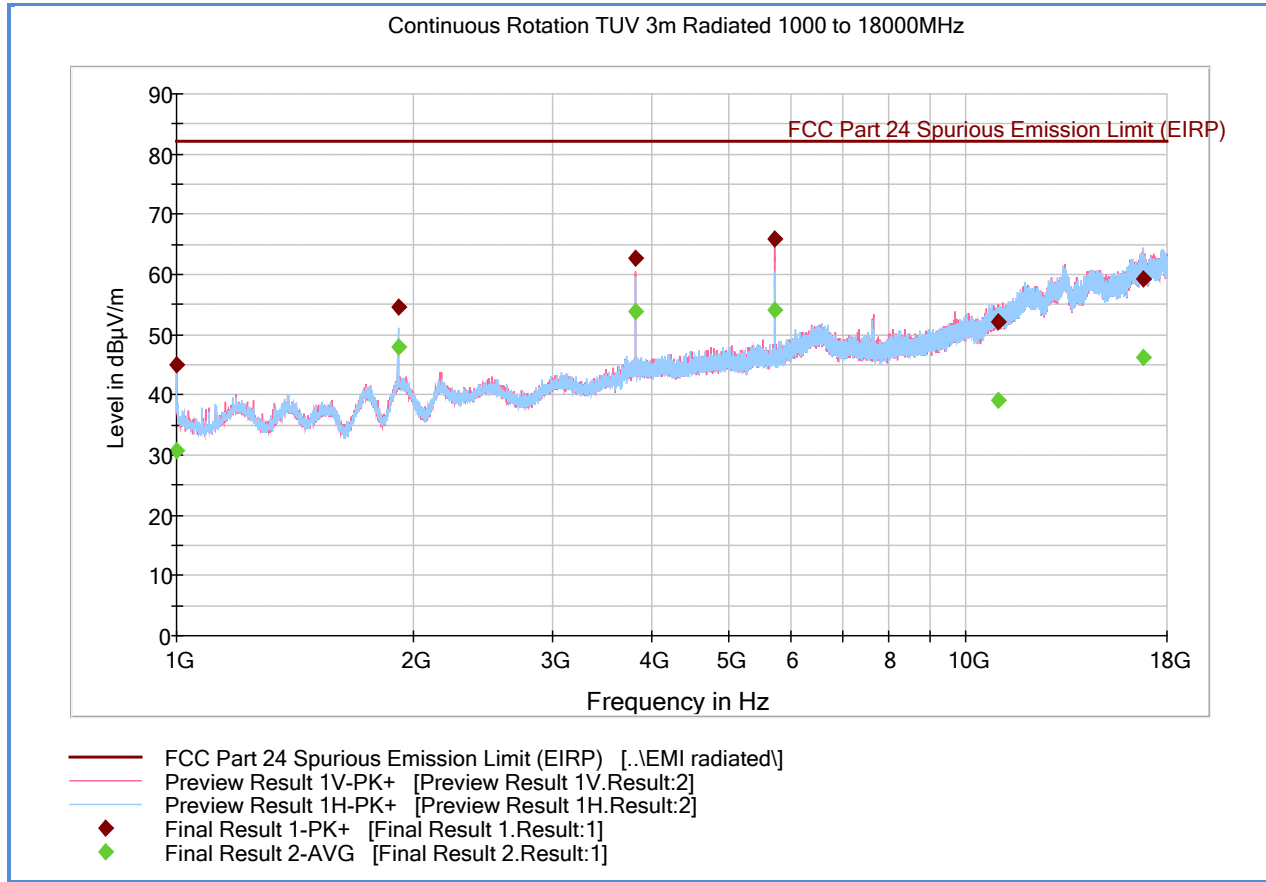
Frequency (MHz)	Field Strength @ 3 meters (dBµV/m)	Cable Loss (dB)	Substitution Antenna Gain (dBi)	Signal Generator Level (dBm)	Substitution Data SGL+AG-CL (dBm)	Limit (dBm)	Compliance

**Test Notes:** Only worst case modulation/bandwidth presented for spurious emissions above 1GHz. Measurement was performed with a 1800MHz to 2000MHz notch filter. Substitution data not required since margin is >20dB compared to the -13dBm limit (converted to field strength @ 3 meters).





2.7.24 Test Results Above 1GHz\_CDMA 2000-1xEV-DO\_Release 0\_PCS BC1\_High Channel (1175)



Peak/Average Data

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Peak Margin (dB)	Average Margin (dB)	Limit (dBµV/m)
1000.400000	44.9	30.8	1000.0	1000.000	279.3	H	125.0	-7.0	37.3	51.4	82.2
1908.966667	54.7	47.9	1000.0	1000.000	112.7	H	208.0	-1.5	27.6	34.3	82.2
3816.866667	62.1	53.9	1000.0	1000.000	391.1	V	187.0	6.0	20.1	28.3	82.2
5726.200000	65.9	54.1	1000.0	1000.000	99.7	V	48.0	9.6	16.3	28.1	82.2
11012.433333	52.2	39.1	1000.0	1000.000	255.3	V	-9.0	17.0	30.0	43.2	82.2
16825.833333	59.2	46.1	1000.0	1000.000	302.2	V	13.0	25.5	23.1	36.1	82.2

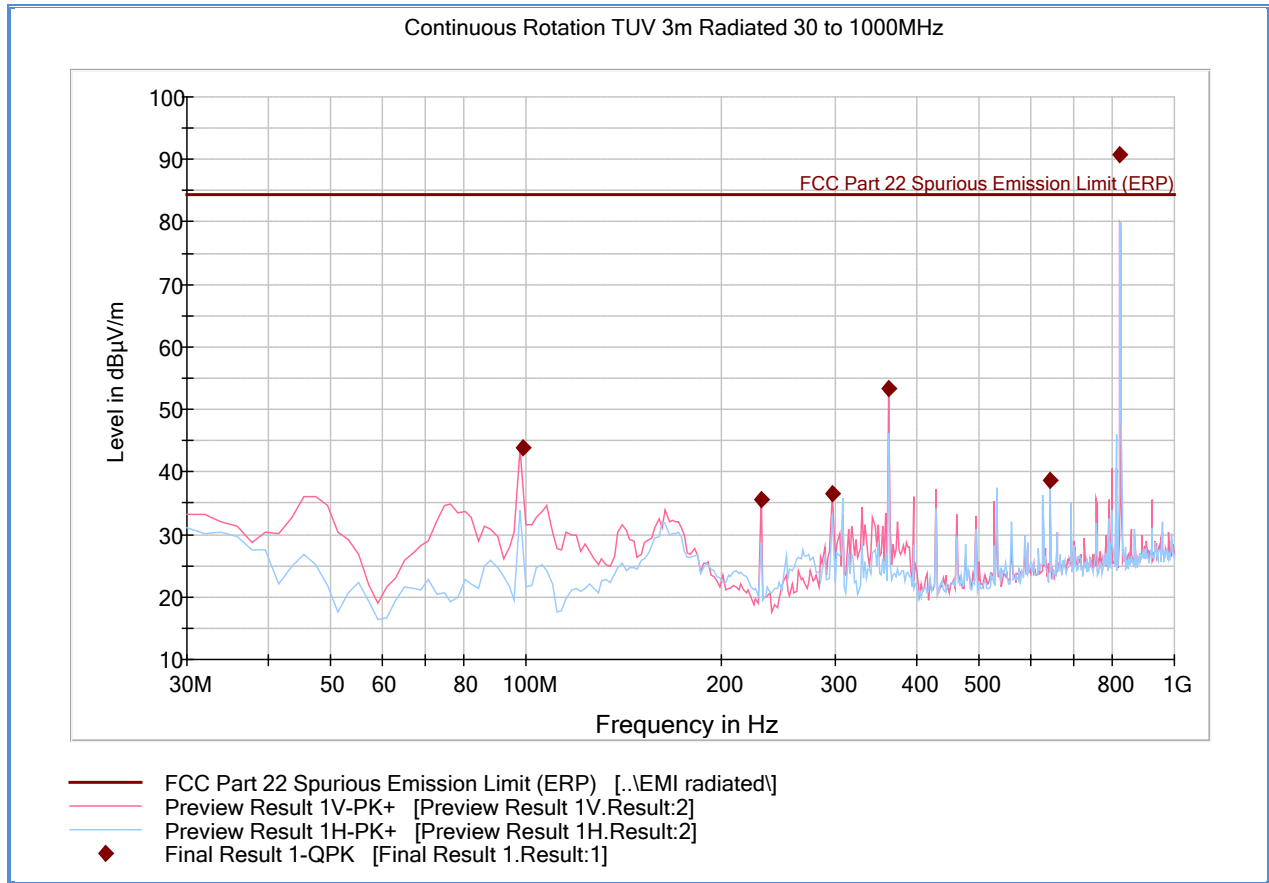
Substitution Data

Frequency (MHz)	Field Strength @ 3 meters (dBµV/m)	Cable Loss (dB)	Substitution Antenna Gain (dBi)	Signal Generator Level (dBm)	Substitution Data SGL+AG-CL (dBm)	Limit (dBm)	Compliance
5726.200000	65.9	-6.1	11.51	-34.7	-29.32	-13	Complies

**Test Notes:** Only worst case modulation/bandwidth presented for spurious emissions above 1GHz. Measurement was performed with a 1800MHz to 2000MHz notch filter. Substitution data required when margin is <20dB compared to the -13dBm limit (converted to field strength @ 3 meters).



**2.7.25 Test Results Below 1GHz\_Worst Case Configuration**  
**CDMA 2000-1xEV-DO\_Release A\_Cell BC0\_Low Channel (1013)**



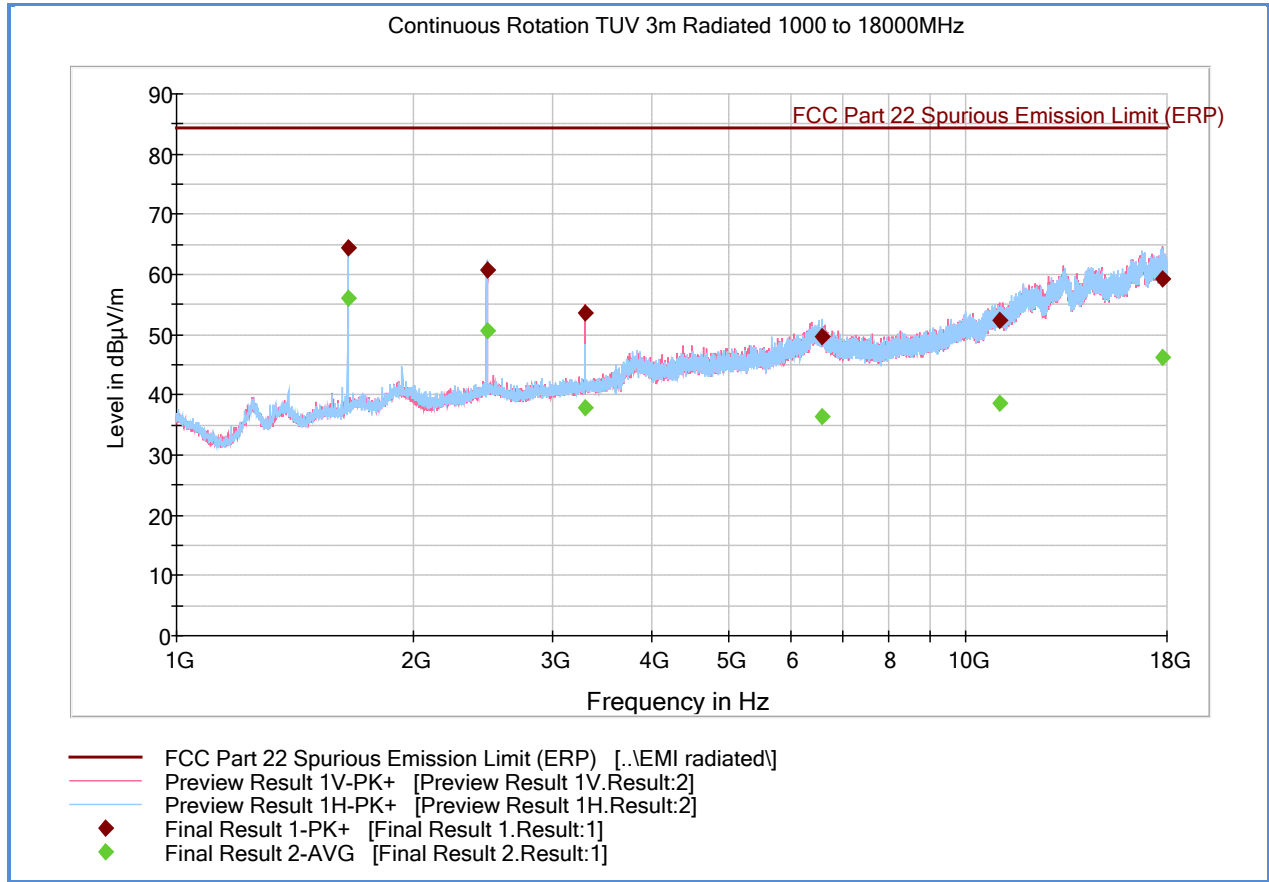
**Quasi Peak Data**

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
98.996072	43.9	1000.0	120.000	100.0	V	189.0	-18.9	40.5	84.4
230.980441	35.6	1000.0	120.000	100.0	V	-2.0	-13.9	48.8	84.4
296.992625	36.5	1000.0	120.000	100.0	V	63.0	-11.6	47.9	84.4
363.004810	53.4	1000.0	120.000	100.0	V	144.0	-9.0	31.0	84.4
644.028537	38.6	1000.0	120.000	105.0	H	56.0	-2.9	45.8	84.4
824.393988	90.7	1000.0	120.000	100.0	H	333.0		Fundamental	

**Test Notes:** Only worst case channel presented for spurious emissions below 1GHz.



2.7.26 Test Results Above 1GHz\_CDMA 2000-1xEV-DO\_Release A\_Cell BC0\_Low Channel (1013)



Peak/Average Data

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Peak Margin (dB)	Average Margin (dB)	Limit (dBµV/m)
1649.600000	64.4	56.1	1000.0	1000.000	99.7	H	37.0	-4.3	20.0	28.3	84.4
2473.866667	60.6	50.6	1000.0	1000.000	100.7	H	179.0	0.1	23.7	33.8	84.4
3298.200000	53.5	37.8	1000.0	1000.000	99.7	V	278.0	2.3	30.9	46.6	84.4
6587.166667	49.8	36.3	1000.0	1000.000	333.1	H	301.0	12.8	34.6	48.1	84.4
11056.43333	52.3	38.7	1000.0	1000.000	186.5	V	209.0	16.8	32.1	45.7	84.4
17733.46666	59.3	46.2	1000.0	1000.000	169.6	V	34.0	25.7	25.1	38.2	84.4

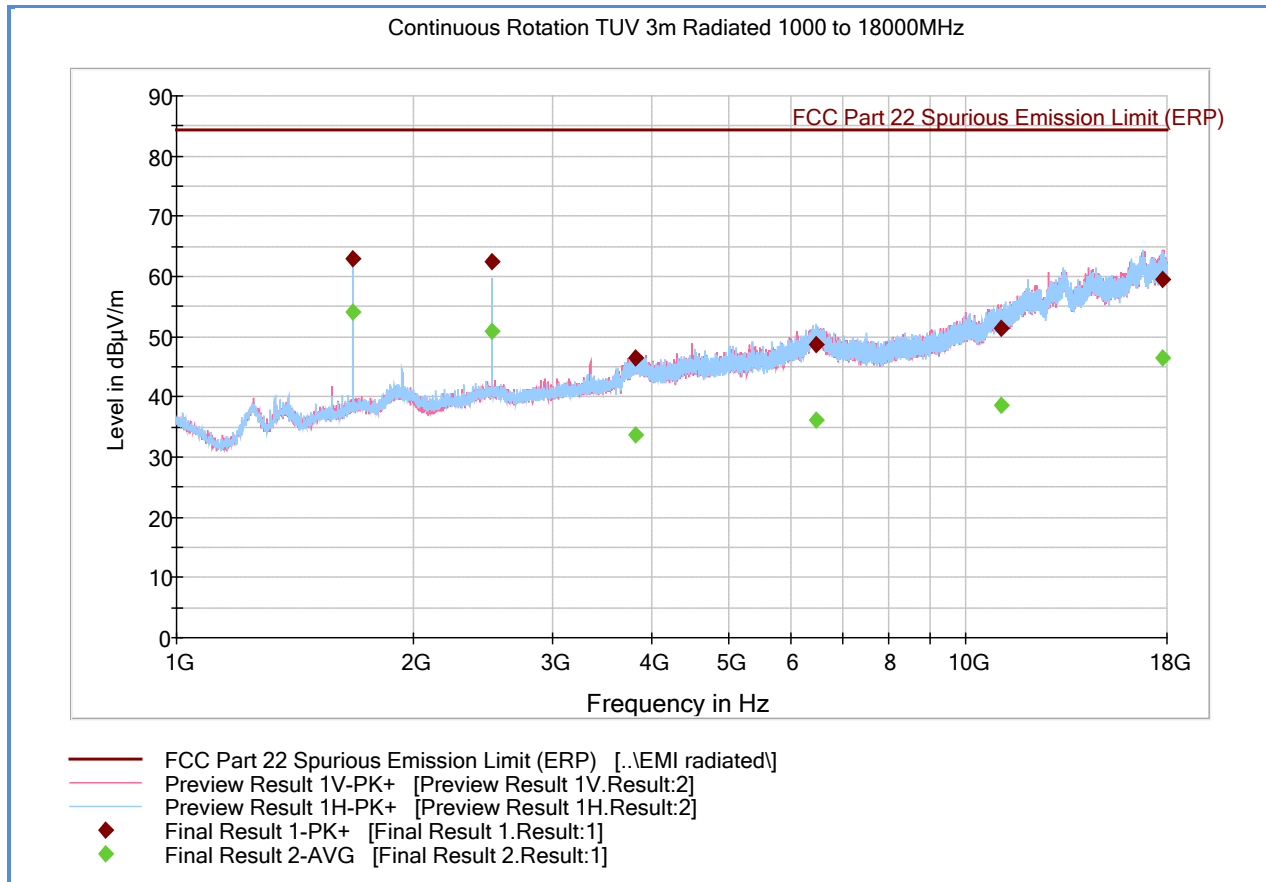
Substitution Data

Frequency (MHz)	Field Strength @ 3 meters (dbµV/m)	Cable Loss (dB)	Substitution Antenna Gain (dBi)	Signal Generator Level (dBm)	Substitution Data SGL+AG-CL (dBm)	Limit (dBm)	Compliance

**Test Notes:** Only worst case modulation/bandwidth presented for spurious emissions above 1GHz. Measurement was performed with a 800MHz to 1GHz notch filter. Substitution data not required since margin is >20dB compared to the -13dBm limit (converted to field strength @ 3 meters).



**2.7.27 Test Results Above 1GHz\_CDMA 2000-1xEV-DO\_Release A\_Cell BC0\_Mid Channel (384)**



**Peak/Average Data**

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Peak Margin (dB)	Average Margin (dB)	Limit (dBµV/m)
1673.033333	63.0	54.1	1000.0	1000.000	99.7	H	40.0	-4.0	21.4	30.3	84.4
2509.266667	62.4	51.0	1000.0	1000.000	100.7	H	178.0	0.2	22.0	33.4	84.4
3812.333333	46.6	33.8	1000.0	1000.000	407.1	H	-16.0	6.0	37.8	50.6	84.4
6468.566667	48.6	36.2	1000.0	1000.000	155.6	H	13.0	12.7	35.8	48.2	84.4
11073.43333	51.4	38.5	1000.0	1000.000	380.0	V	109.0	16.7	33.0	45.9	84.4
17764.70000	59.4	46.6	1000.0	1000.000	406.7	V	325.0	25.8	25.0	37.8	84.4

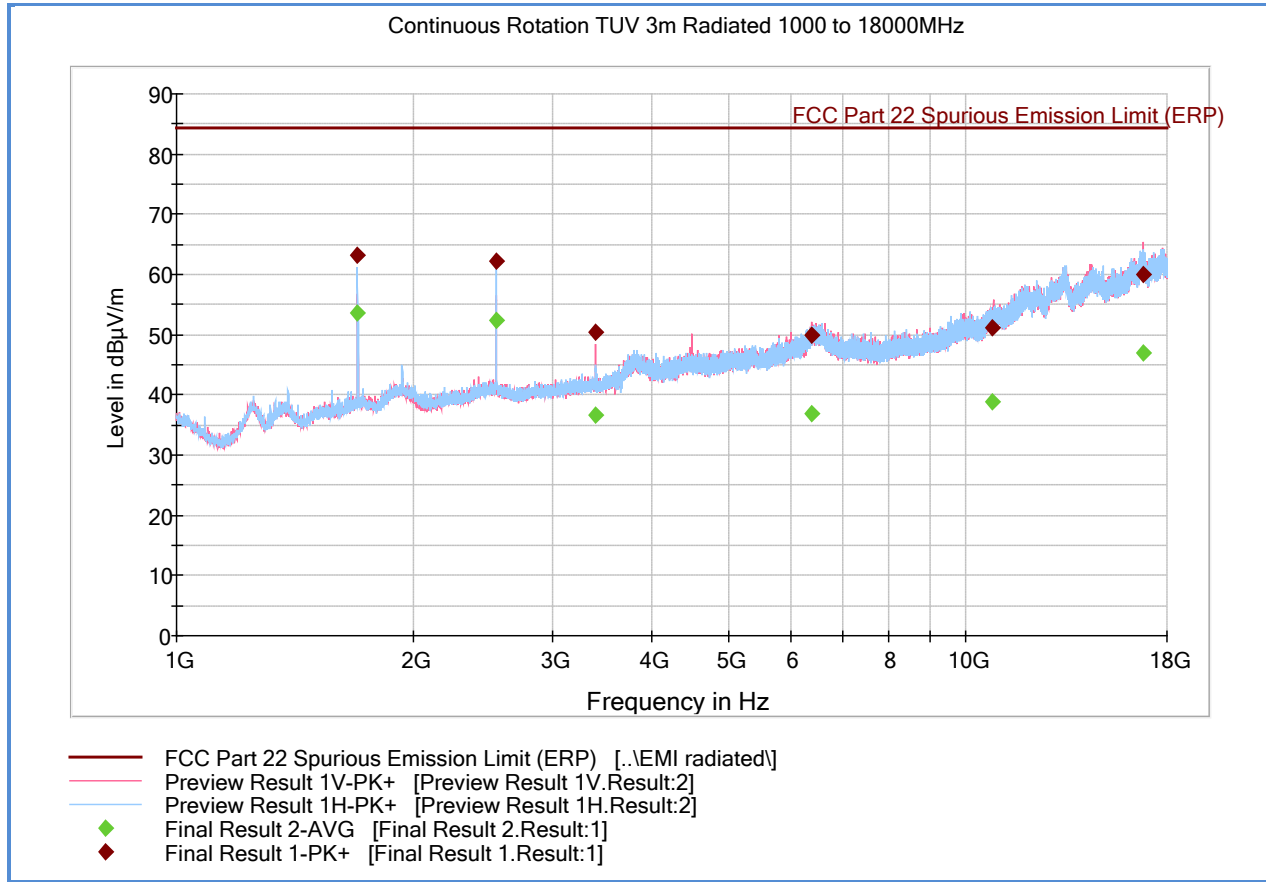
**Substitution Data**

Frequency (MHz)	Field Strength @ 3 meters (dbµV/m)	Cable Loss (dB)	Substitution Antenna Gain (dBi)	Signal Generator Level (dBm)	Substitution Data SGL+AG-CL (dBm)	Limit (dBm)	Compliance

**Test Notes:** Only worst case modulation/bandwidth presented for spurious emissions above 1GHz. Measurement was performed with a 800MHz to 1GHz notch filter. Substitution data not required since margin is >20dB compared to the -13dBm limit (converted to field strength @ 3 meters).



**2.7.28 Test Results Above 1GHz\_CDMA 2000-1xEV-DO\_Release A\_Cell BC0\_High Channel (777)**



**Peak/Average Data**

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Peak Margin (dB)	Average Margin (dB)	Limit (dBµV/m)
1696.666667	63.3	53.6	1000.0	1000.000	99.7	H	25.0	-3.7	21.1	30.8	84.4
2544.733333	62.2	52.5	1000.0	1000.000	100.7	H	157.0	0.0	22.2	31.9	84.4
3392.900000	50.5	36.5	1000.0	1000.000	112.7	V	86.0	2.5	33.9	47.9	84.4
6370.533333	49.9	37.0	1000.0	1000.000	267.3	V	212.0	12.6	34.5	47.4	84.4
10834.30000	51.2	38.8	1000.0	1000.000	99.7	V	182.0	16.5	33.1	45.6	84.4
16787.70000	59.9	47.1	1000.0	1000.000	180.6	V	16.0	25.9	24.4	37.3	84.4

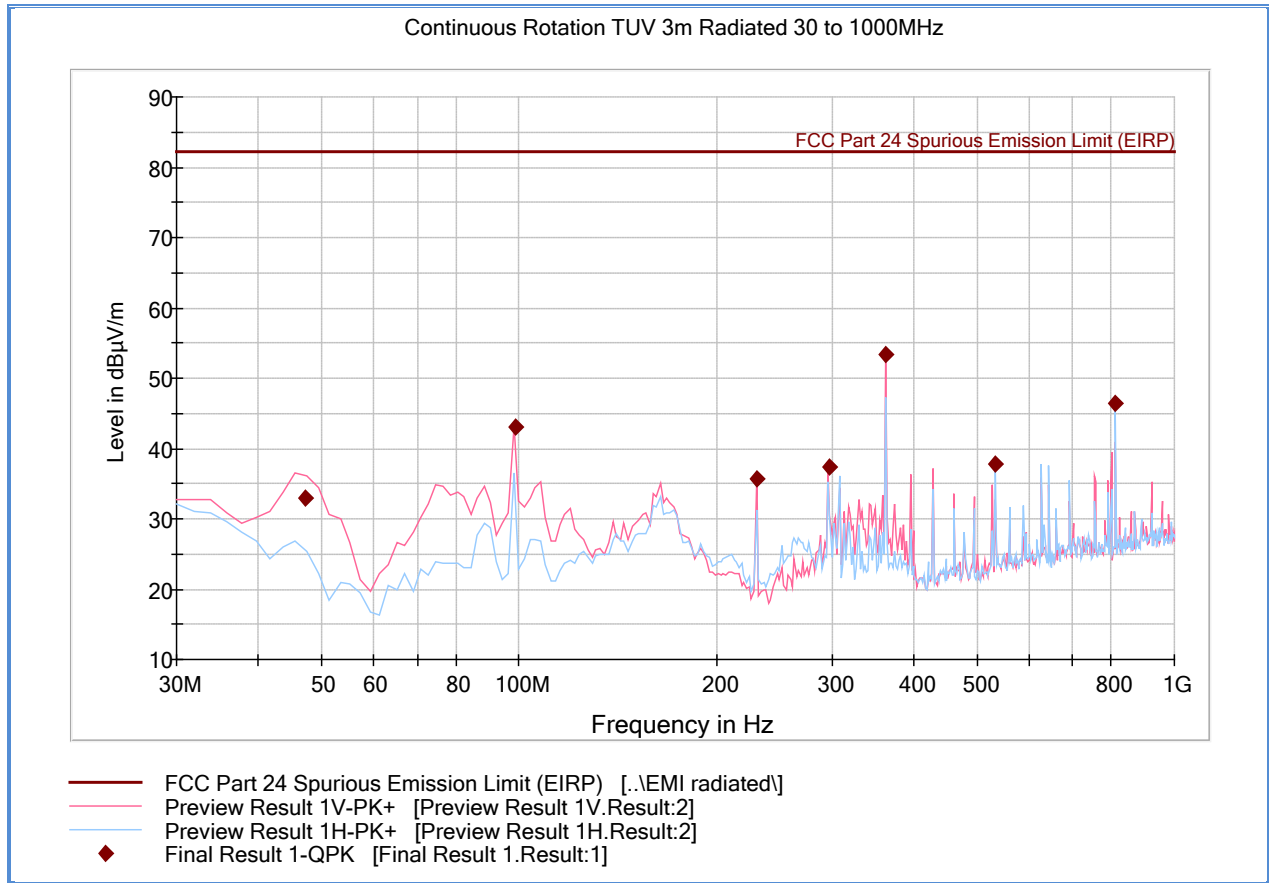
**Substitution Data**

Frequency (MHz)	Field Strength @ 3 meters (dBµV/m)	Cable Loss (dB)	Substitution Antenna Gain (dBi)	Signal Generator Level (dBm)	Substitution Data SGL+AG-CL (dBm)	Limit (dBm)	Compliance

**Test Notes:** Only worst case modulation/bandwidth presented for spurious emissions above 1GHz. Measurement was performed with a 800MHz to 1GHz notch filter. Substitution data not required since margin is >20dB compared to the -13dBm limit (converted to field strength @ 3 meters).



**2.7.29 Test Results Below 1GHz\_Worst Case Configuration**  
**CDMA 2000-1xEV-DO\_Release A\_PCS BC1\_Mid Channel (600)**



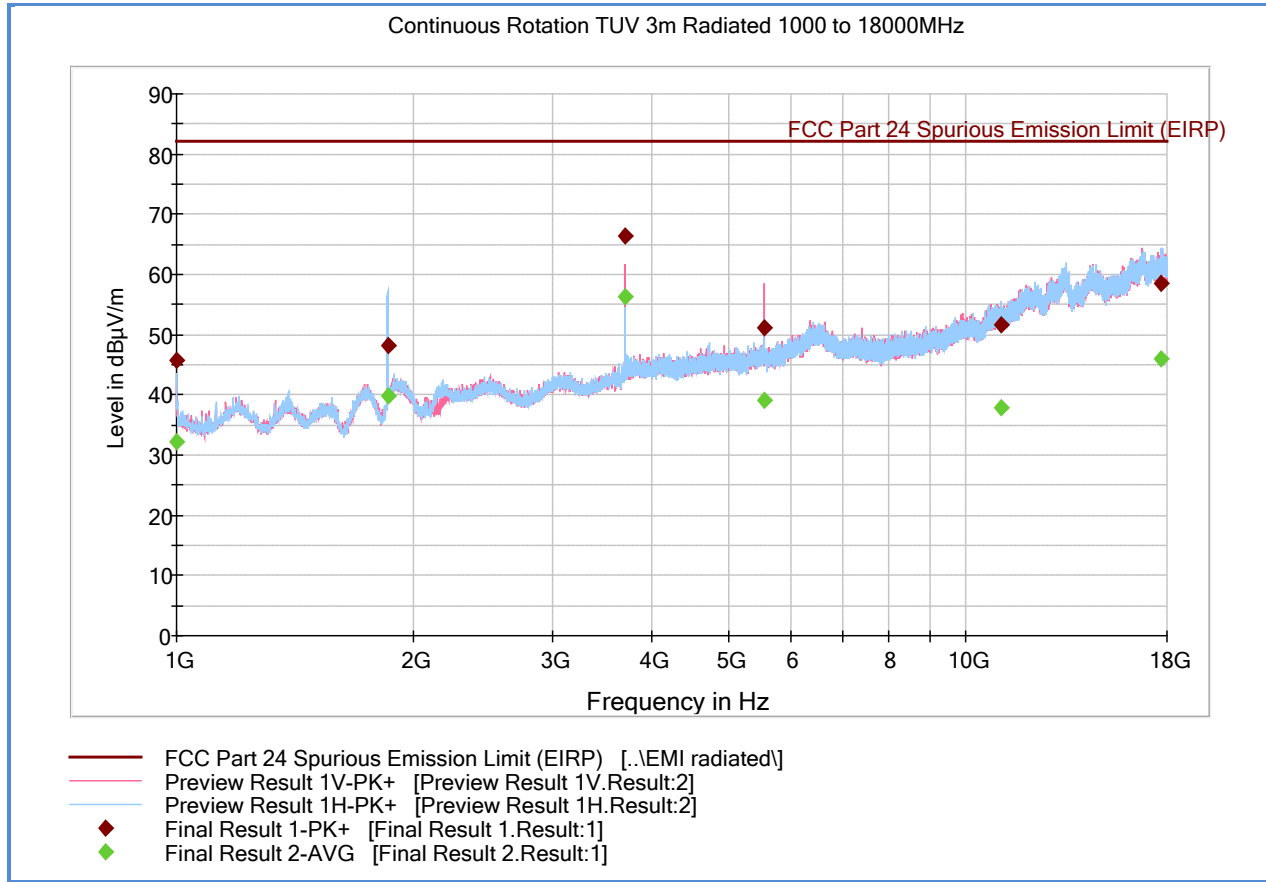
**Quasi Peak Data**

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
47.231102	33.0	1000.0	120.000	100.0	V	282.0	-18.1	49.3	82.2
98.996072	43.1	1000.0	120.000	109.0	V	170.0	-18.9	39.1	82.2
230.980441	35.7	1000.0	120.000	100.0	V	9.0	-13.9	46.5	82.2
296.992625	37.3	1000.0	120.000	100.0	V	75.0	-11.6	44.9	82.2
363.004810	53.4	1000.0	120.000	100.0	V	142.0	-9.0	28.9	82.2
532.026934	37.8	1000.0	120.000	100.0	H	40.0	-4.9	44.4	82.2
812.026774	46.5	1000.0	120.000	100.0	H	76.0	0.2	35.7	82.2

**Test Notes:** Only worst case channel presented for spurious emissions below 1GHz.



**2.7.30 Test Results Above 1GHz\_CDMA 2000-1xEV-DO\_Release A\_PCS BC1\_Low Channel (25)**



**Peak/Average Data**

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Peak Margin (dB)	Average Margin (dB)	Limit (dBµV/m)
1000.000000	45.8	32.3	1000.0	1000.000	301.2	H	0.0	-7.0	36.5	49.9	82.2
1850.933333	48.3	40.0	1000.0	1000.000	198.5	H	316.0	-2.2	33.9	42.3	82.2
3701.866667	66.4	56.2	1000.0	1000.000	99.7	V	87.0	4.7	15.9	26.0	82.2
5553.400000	51.2	39.2	1000.0	1000.000	137.7	V	291.0	8.9	31.0	43.0	82.2
11113.30000	51.5	38.0	1000.0	1000.000	187.5	H	88.0	16.5	30.7	44.2	82.2
17706.86666	58.5	45.9	1000.0	1000.000	186.5	H	279.0	25.6	23.8	36.3	82.2

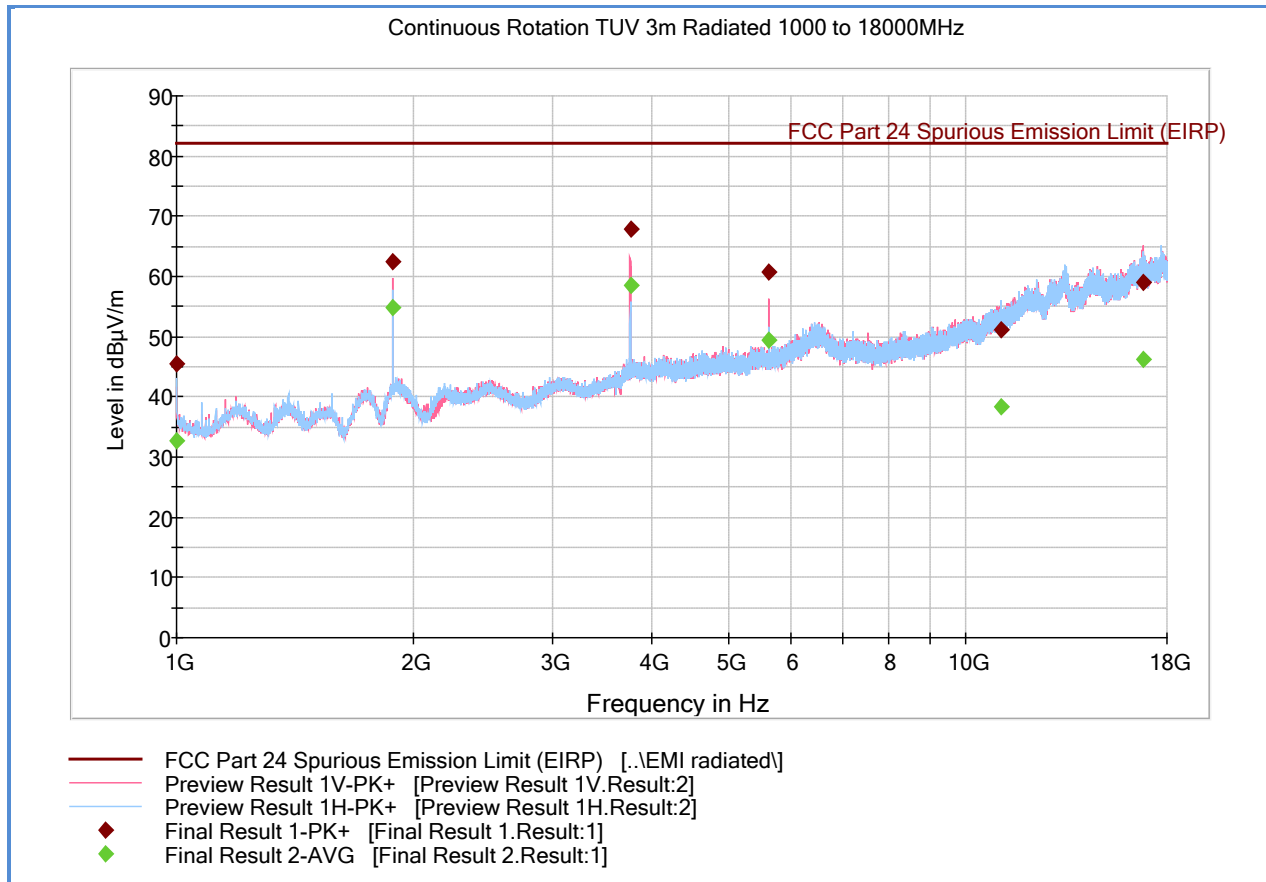
**Substitution Data**

Frequency (MHz)	Field Strength @ 3 meters (dbµV/m)	Cable Loss (dB)	Substitution Antenna Gain (dBi)	Signal Generator Level (dBm)	Substitution Data SGL+AG-CL (dBm)	Limit (dBm)	Compliance
3701.866667	66.4	-3.8	9.6	-34.66	-28.82	-13	Complies

**Test Notes:** Only worst case modulation/bandwidth presented for spurious emissions above 1GHz. Measurement was performed with a 1800MHz to 2000MHz notch filter. Substitution data required when margin is <20dB compared to the -13dBm limit (converted to field strength @ 3 meters).



2.7.31 Test Results Above 1GHz\_CDMA 2000-1xEV-DO\_Release A\_PCS BC1\_Mid Channel (600)



Peak/Average Data

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Peak Margin (dB)	Average Margin (dB)	Limit (dBµV/m)
1000.000000	45.6	32.7	1000.0	1000.000	299.2	H	118.0	-7.0	36.6	49.5	82.2
1880.233333	62.4	54.9	1000.0	1000.000	217.4	V	129.0	-1.8	19.8	27.3	82.2
3759.900000	67.9	58.5	1000.0	1000.000	99.7	V	86.0	5.3	14.4	23.7	82.2
5639.833333	60.8	49.5	1000.0	1000.000	103.7	V	304.0	9.2	21.4	32.8	82.2
11072.50000	51.2	38.4	1000.0	1000.000	404.3	H	17.0	16.7	31.0	43.8	82.2
16832.10000	59.1	46.2	1000.0	1000.000	406.7	V	281.0	25.4	23.2	36.0	82.2

Substitution Data

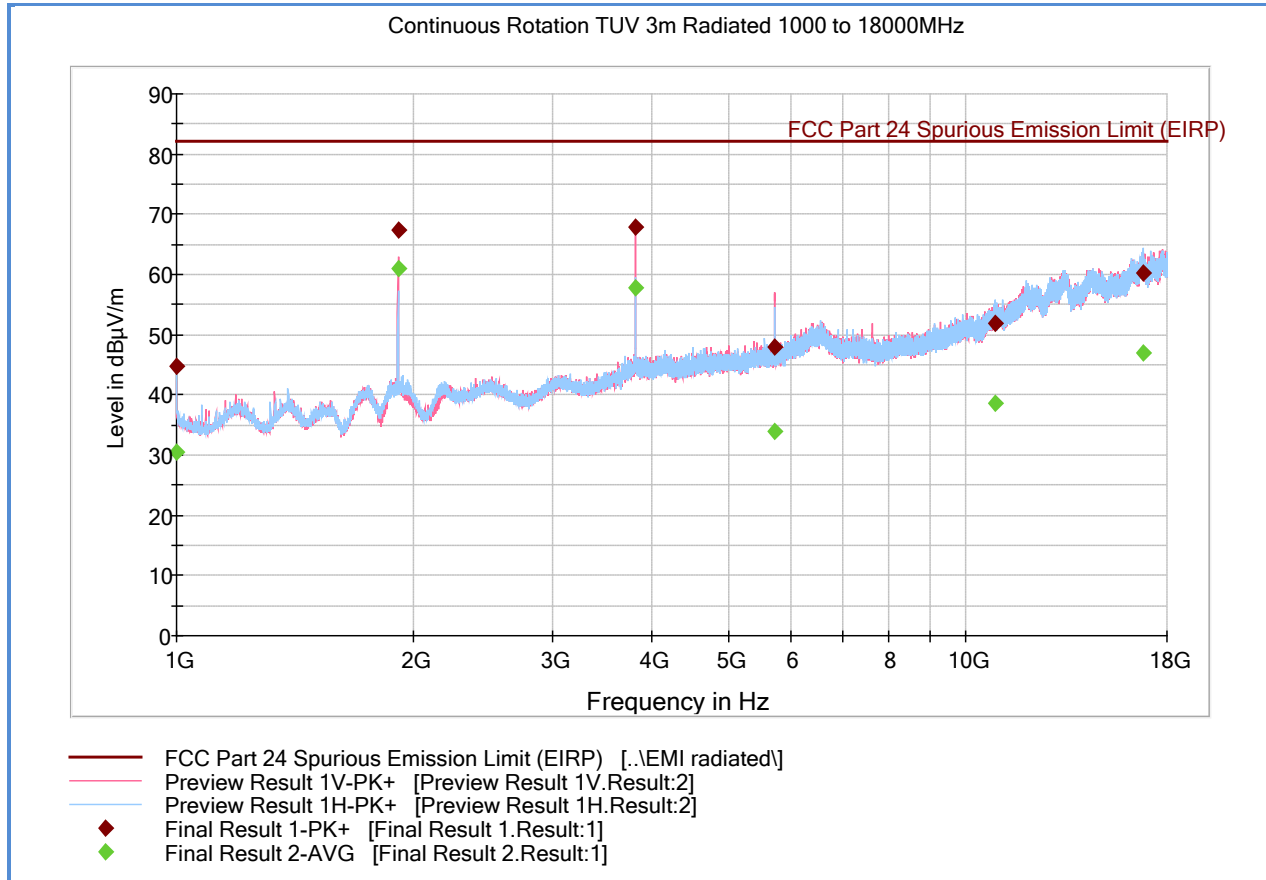
Frequency (MHz)	Field Strength @ 3 meters (dbµV/m)	Cable Loss (dB)	Substitution Antenna Gain (dBi)	Signal Generator Level (dBm)	Substitution Data SGL+AG-CL (dBm)	Limit (dBm)	Compliance
1880.233333	62.4	-3.3	8.37	-37.9	-32.8	-13	Complies
3759.900000	67.9	-3.8	9.6	-33.16	-27.32	-13	Complies

**Test Notes:** Only worst case modulation/bandwidth presented for spurious emissions above 1GHz. Measurement was performed with a 1800MHz to 2000MHz notch filter. Substitution data required when margin is <20dB compared to the -13dBm limit (converted to field strength @ 3 meters).





2.7.32 Test Results Above 1GHz\_CDMA 2000-1xEV-DO\_Release A\_PCS BC1\_High Channel (1175)



Peak/Average Data

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Peak Margin (dB)	Average Margin (dB)	Limit (dBµV/m)
1000.500000	44.8	30.4	1000.0	1000.000	268.3	H	132.0	-7.0	37.5	51.9	82.2
1908.566667	67.5	60.9	1000.0	1000.000	164.6	V	168.0	-1.5	14.8	21.3	82.2
3818.066667	67.9	57.8	1000.0	1000.000	120.7	V	86.0	6.0	14.3	24.4	82.2
5726.366667	48.1	34.0	1000.0	1000.000	120.7	V	16.0	9.6	34.2	48.2	82.2
10900.033333	51.8	38.5	1000.0	1000.000	162.6	H	96.0	16.8	30.5	43.7	82.2
16772.000000	60.1	47.0	1000.0	1000.000	380.0	H	224.0	25.9	22.1	35.2	82.2

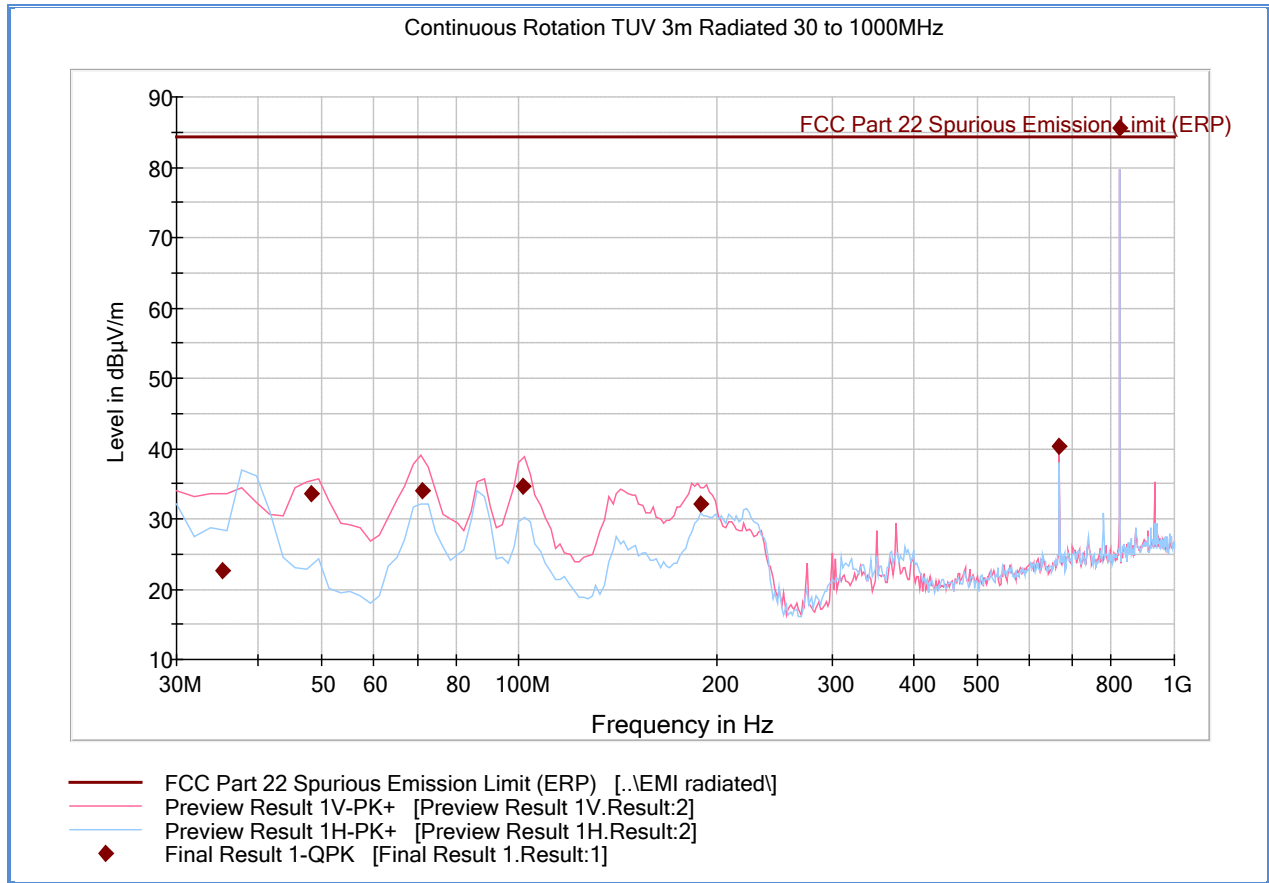
Substitution Data

Frequency (MHz)	Field Strength @ 3 meters (dbµV/m)	Cable Loss (dB)	Substitution Antenna Gain (dBi)	Signal Generator Level (dBm)	Substitution Data SGL+AG-CL (dBm)	Limit (dBm)	Compliance
1908.566667	67.5	-3.3	8.2	-32.7	-27.72	-13	Complies
3818.066667	67.9	-3.8	9.19	-32.72	-27.32	-13	Complies

**Test Notes:** Only worst case modulation/bandwidth presented for spurious emissions above 1GHz. Measurement was performed with a 1800MHz to 2000MHz notch filter. Substitution data required when margin is <20dB compared to the -13dBm limit (converted to field strength @ 3 meters).



**2.7.33 Test Results Below 1GHz\_Worst Case Configuration  
 GSM850 (GPRS)\_Cell\_Low Channel (128)**



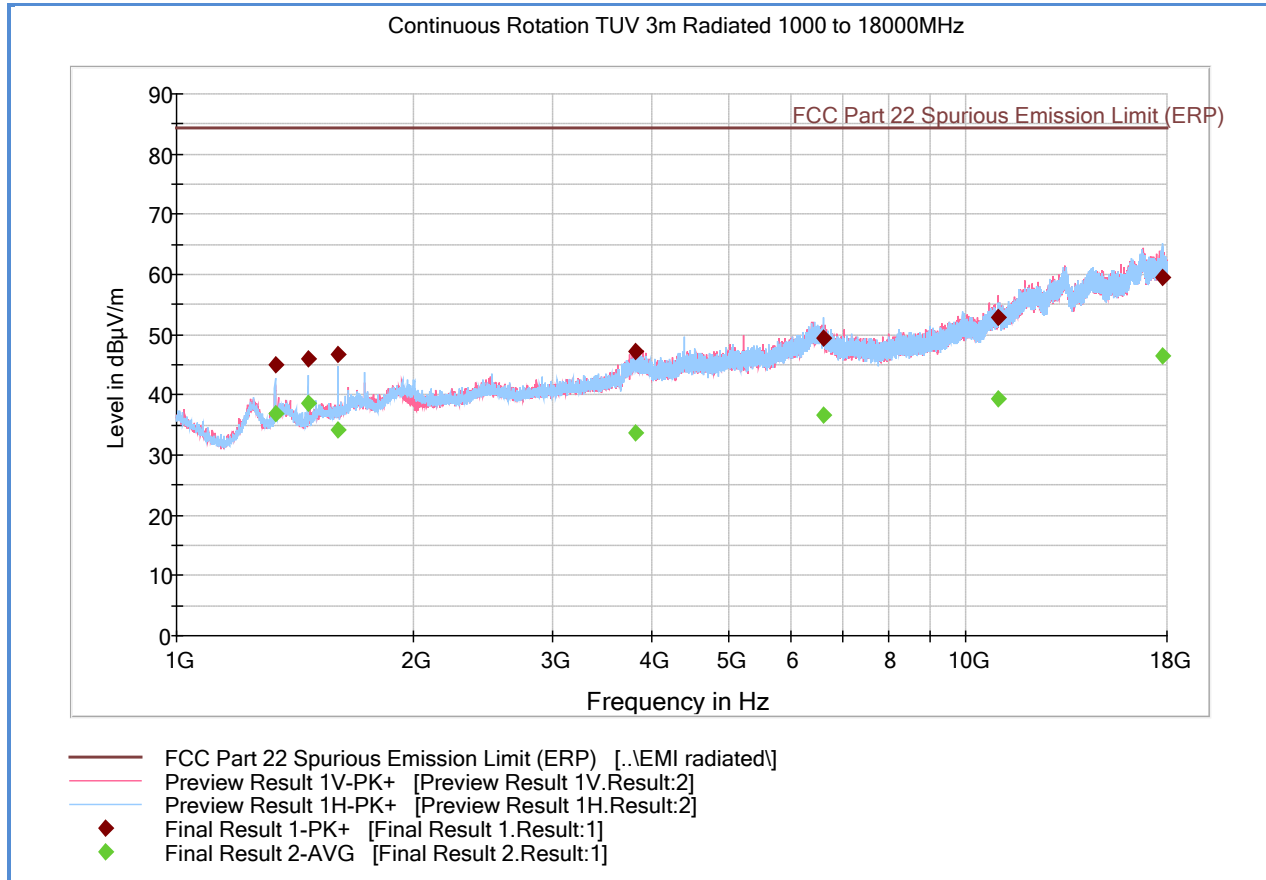
**Quasi Peak Data**

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
35.215551	22.6	1000.0	120.000	400.0	H	15.0	-13.4	61.8	84.4
48.238878	33.6	1000.0	120.000	100.0	V	62.0	-18.3	50.8	84.4
71.021643	34.0	1000.0	120.000	109.0	V	252.0	-21.5	50.4	84.4
101.603848	34.7	1000.0	120.000	100.0	V	282.0	-18.8	49.7	84.4
189.422685	32.0	1000.0	120.000	100.0	V	229.0	-15.3	52.3	84.4
666.675190	40.4	1000.0	120.000	100.0	V	193.0	-2.0	44.0	84.4
824.130100	85.6	1000.0	120.000	196.0	H	74.0		Fundamental	

**Test Notes:** Only worst case channel presented for spurious emissions below 1GHz.



**2.7.34 Test Results Above 1GHz\_GSM850 (GPRS)\_Cell\_Low Channel (128)**



**Peak/Average Data**

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Peak Margin (dB)	Average Margin (dB)	Limit (dBµV/m)
1333.400000	45.0	36.9	1000.0	1000.000	151.7	H	318.0	-5.0	39.3	47.5	84.4
1466.566667	46.1	38.7	1000.0	1000.000	128.7	H	325.0	-5.2	38.3	45.7	84.4
1599.733333	46.8	34.2	1000.0	1000.000	151.7	H	346.0	-4.9	37.6	50.2	84.4
3811.100000	47.2	33.8	1000.0	1000.000	403.6	V	4.0	6.0	37.2	50.6	84.4
6603.000000	49.5	36.7	1000.0	1000.000	351.2	H	41.0	12.8	34.9	47.7	84.4
10998.83333	52.8	39.4	1000.0	1000.000	403.6	V	33.0	17.1	31.6	45.0	84.4
17781.26666	59.6	46.5	1000.0	1000.000	177.6	H	94.0	25.8	24.8	37.8	84.4

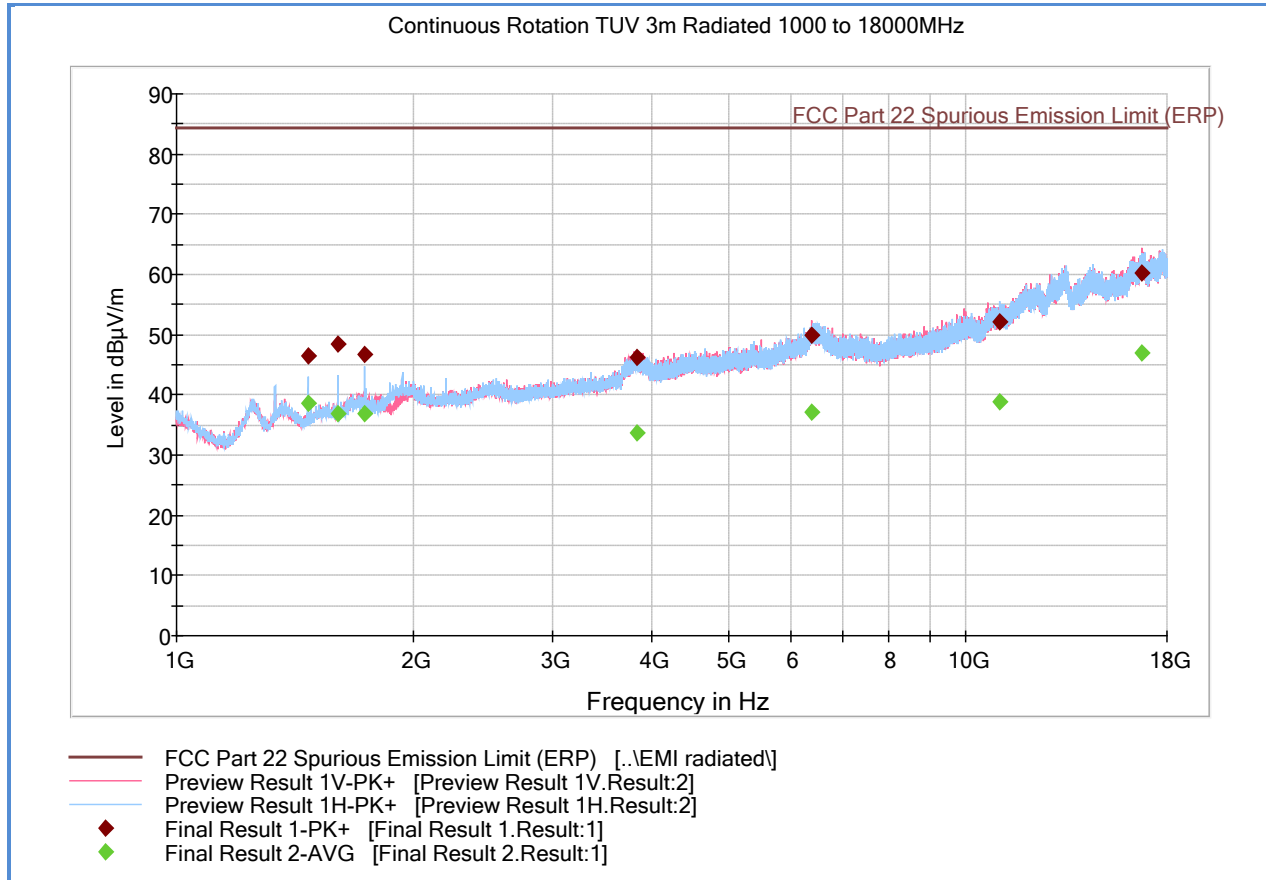
**Substitution Data**

Frequency (MHz)	Field Strength @ 3 meters (dBµV/m)	Cable Loss (dB)	Substitution Antenna Gain (dBi)	Signal Generator Level (dBm)	Substitution Data SGL+AG-CL (dBm)	Limit (dBm)	Compliance

**Test Notes:** Only worst case modulation/bandwidth presented for spurious emissions above 1GHz. Measurement was performed with a 800MHz to 1GHz notch filter. Substitution data not required since margin is >20dB compared to the -13dBm limit (converted to field strength @ 3 meters).



**2.7.35 Test Results Above 1GHz\_GSM850 (GPRS)\_Cell\_Mid Channel (190)**



**Peak/Average Data**

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Peak Margin (dB)	Average Margin (dB)	Limit (dBµV/m)
1466.566667	46.4	38.7	1000.0	1000.000	120.7	H	322.0	-5.2	38.0	45.7	84.4
1599.933333	48.4	36.9	1000.0	1000.000	128.7	H	358.0	-4.9	35.9	47.5	84.4
1733.066667	46.7	37.0	1000.0	1000.000	112.7	H	-4.0	-3.4	37.7	47.4	84.4
3825.633333	46.3	33.8	1000.0	1000.000	403.6	H	304.0	6.0	38.1	50.6	84.4
6378.600000	49.9	37.1	1000.0	1000.000	202.3	V	-2.0	12.6	34.5	47.3	84.4
11038.466666	52.2	38.9	1000.0	1000.000	403.6	H	250.0	16.9	32.2	45.4	84.4
16752.000000	60.3	47.0	1000.0	1000.000	403.6	V	96.0	25.9	24.1	37.4	84.4

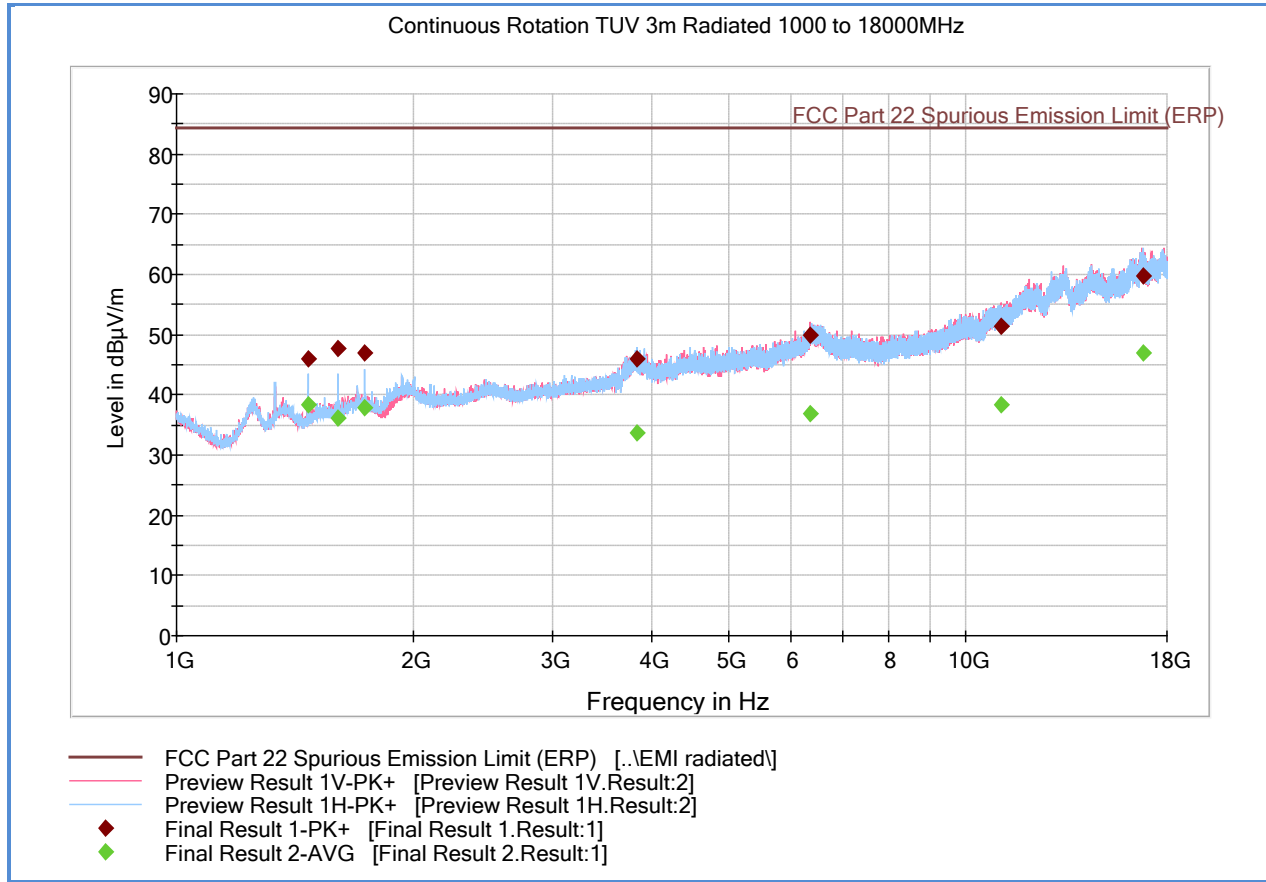
**Substitution Data**

Frequency (MHz)	Field Strength @ 3 meters (dBµV/m)	Cable Loss (dB)	Substitution Antenna Gain (dBi)	Signal Generator Level (dBm)	Substitution Data SGL+AG-CL (dBm)	Limit (dBm)	Compliance

**Test Notes:** Only worst case modulation/bandwidth presented for spurious emissions above 1GHz. Measurement was performed with a 800MHz to 1GHz notch filter. Substitution data not required since margin is >20dB compared to the -13dBm limit (converted to field strength @ 3 meters).



2.7.36 Test Results Above 1GHz\_GSM850 (GPRS)\_Cell\_High Channel (251)



Peak/Average Data

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Peak Margin (dB)	Average Margin (dB)	Limit (dBµV/m)
1466.566667	45.9	38.4	1000.0	1000.000	121.7	H	329.0	-5.2	38.5	45.9	84.4
1599.900000	47.6	36.2	1000.0	1000.000	145.7	H	0.0	-4.9	36.8	48.2	84.4
1733.466667	47.0	37.8	1000.0	1000.000	102.7	H	-3.0	-3.4	37.4	46.6	84.4
3837.300000	45.9	33.6	1000.0	1000.000	146.7	H	323.0	6.1	38.4	50.8	84.4
6353.166667	49.9	36.9	1000.0	1000.000	102.7	V	143.0	12.5	34.4	47.5	84.4
11085.366666	51.3	38.3	1000.0	1000.000	199.5	V	290.0	16.6	33.1	46.0	84.4
16767.133333	59.7	47.1	1000.0	1000.000	403.6	H	230.0	25.9	24.7	37.3	84.4

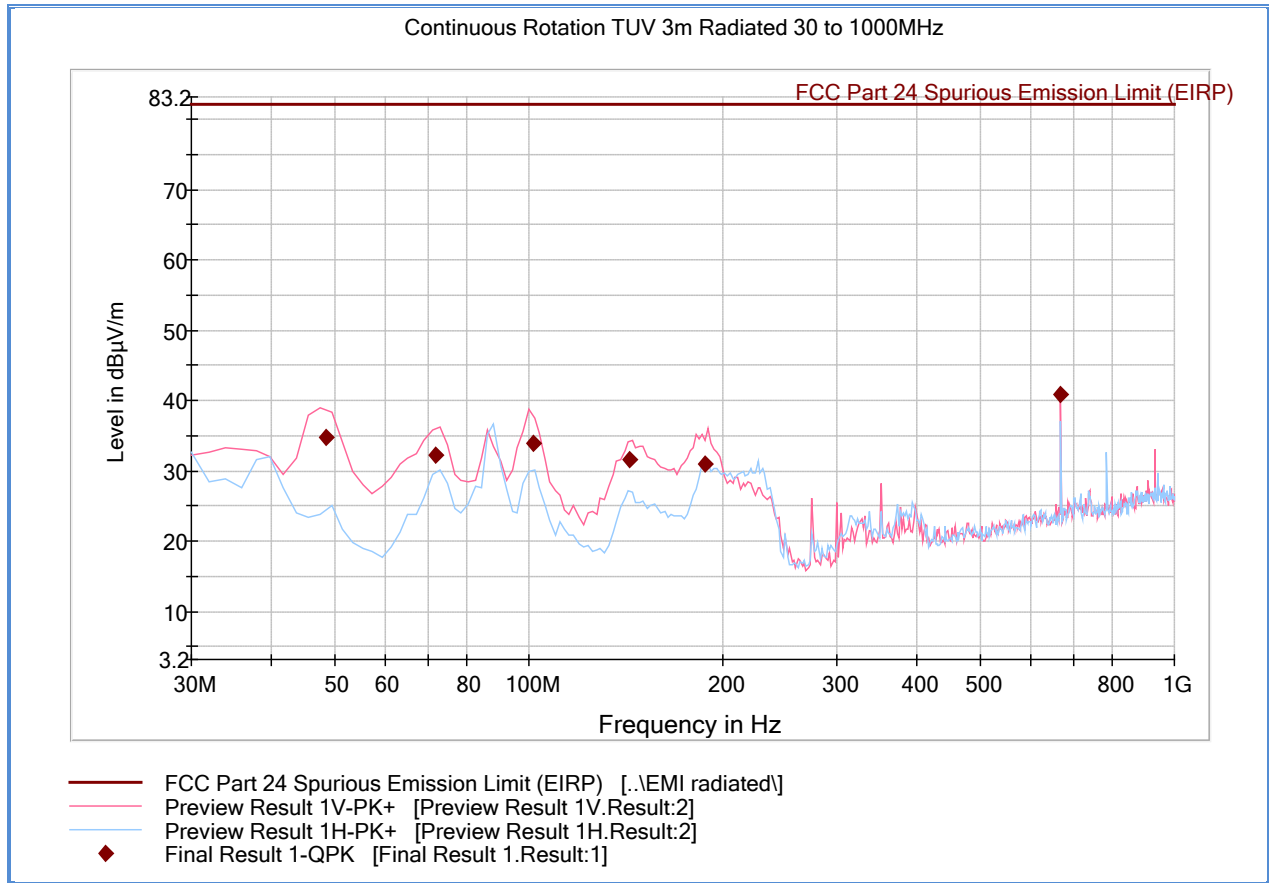
Substitution Data

Frequency (MHz)	Field Strength @ 3 meters (dBµV/m)	Cable Loss (dB)	Substitution Antenna Gain (dBi)	Signal Generator Level (dBm)	Substitution Data SGL+AG-CL (dBm)	Limit (dBm)	Compliance

**Test Notes:** Only worst case modulation/bandwidth presented for spurious emissions above 1GHz. Measurement was performed with a 800MHz to 1GHz notch filter. Substitution data not required since margin is >20dB compared to the -13dBm limit (converted to field strength @ 3 meters).



**2.7.37 Test Results Below 1GHz\_Worst Case Configuration  
 GSM1900 (GPRS)\_PCS\_High Channel (810)**



**Quasi Peak Data**

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
48.614990	34.8	1000.0	120.000	100.0	V	206.0	-18.5	47.4	82.2
71.805531	32.3	1000.0	120.000	100.0	V	294.0	-21.4	50.0	82.2
101.539960	33.9	1000.0	120.000	100.0	V	262.0	-18.8	48.4	82.2
143.289379	31.7	1000.0	120.000	100.0	V	134.0	-18.6	50.6	82.2
187.798798	30.9	1000.0	120.000	100.0	V	264.0	-15.4	51.3	82.2
666.675190	40.9	1000.0	120.000	100.0	V	325.0	-2.0	41.4	82.2

**Test Notes:** Only worst case channel presented for spurious emissions below 1GHz.