



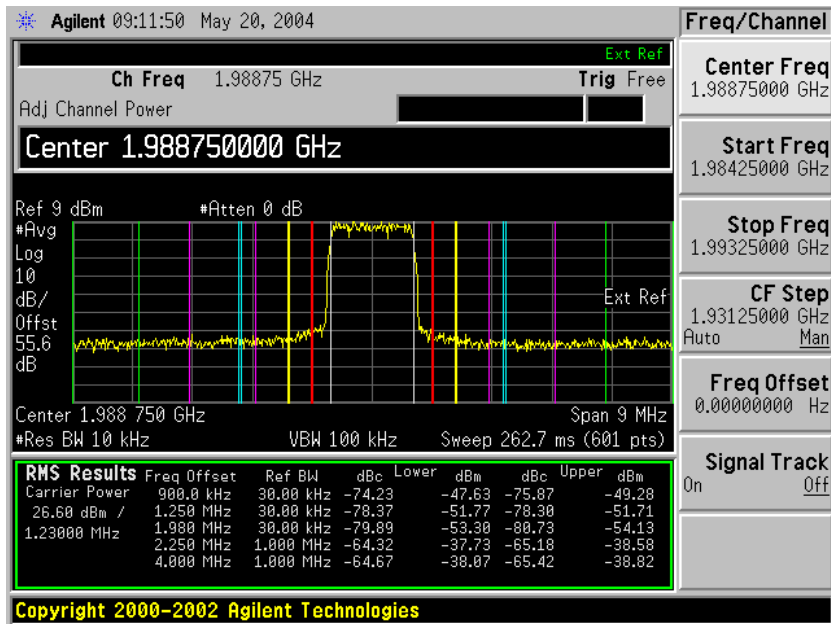
Global Telecom Solutions Sector

SC4812T-MC 1X/1X-DO @ 1.9 GHz CDMA BTS

FCC ID: IHET6DY1

Test Report Exhibit

Spurious Emissions at Antenna Terminal – 0.45W Channel 1175 – 1.98875 GHz – QPSK

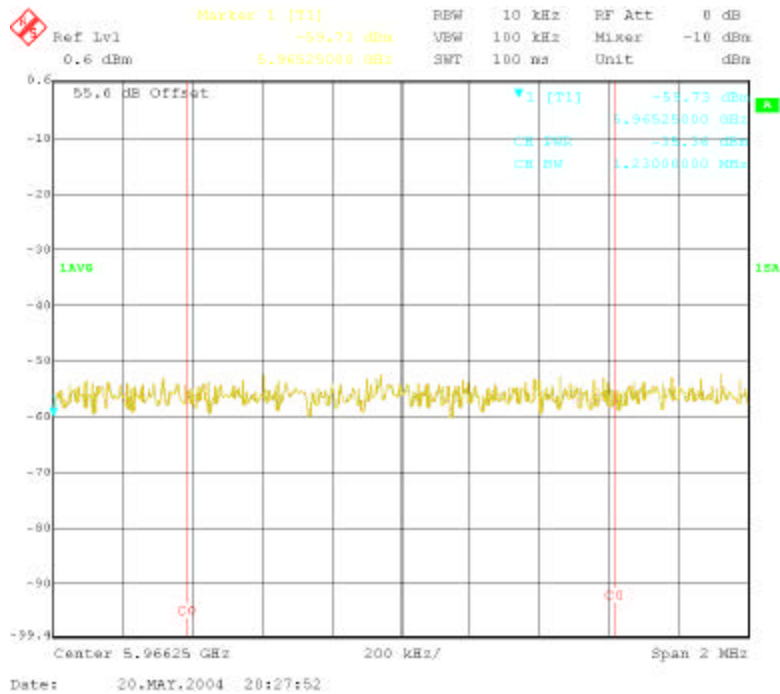
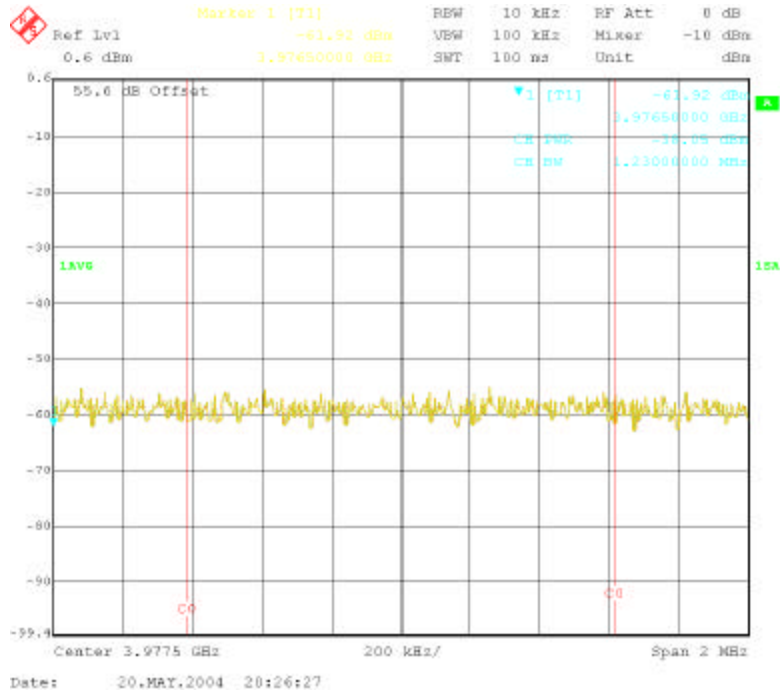




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SC4812T-MC 1X/1X-DO @ 1.9 GHz CDMA BTS
Test Report Exhibit

FCC ID: IHET6DY1

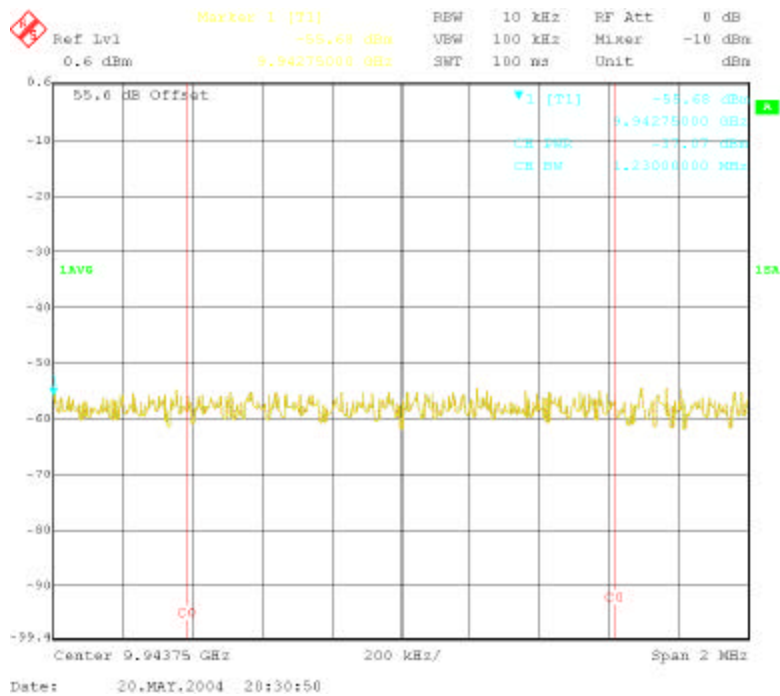
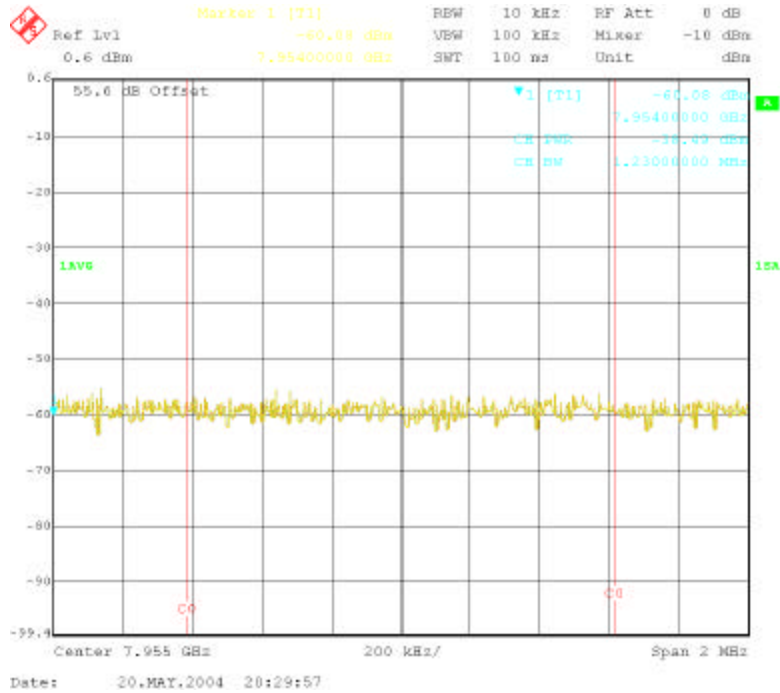




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SC4812T-MC 1X/1X-DO @ 1.9 GHz CDMA BTS
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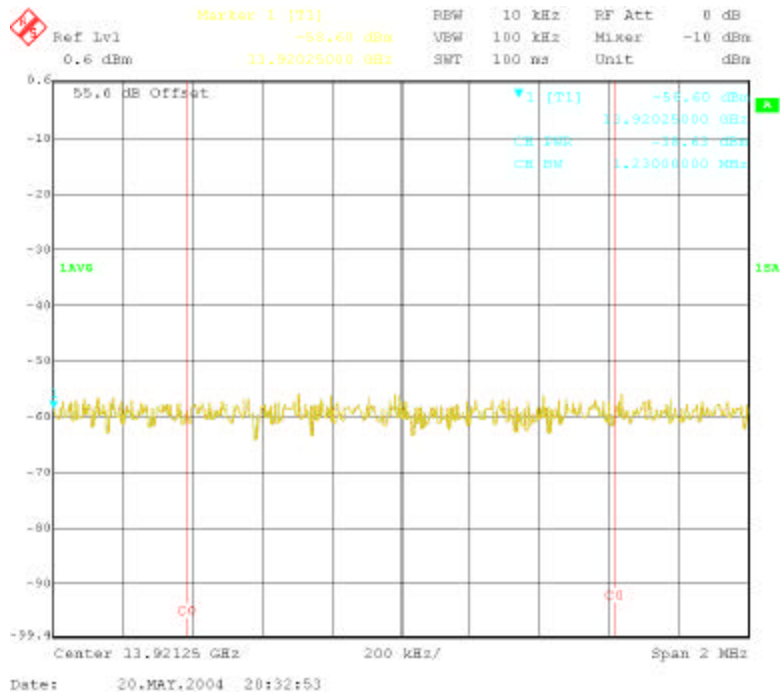
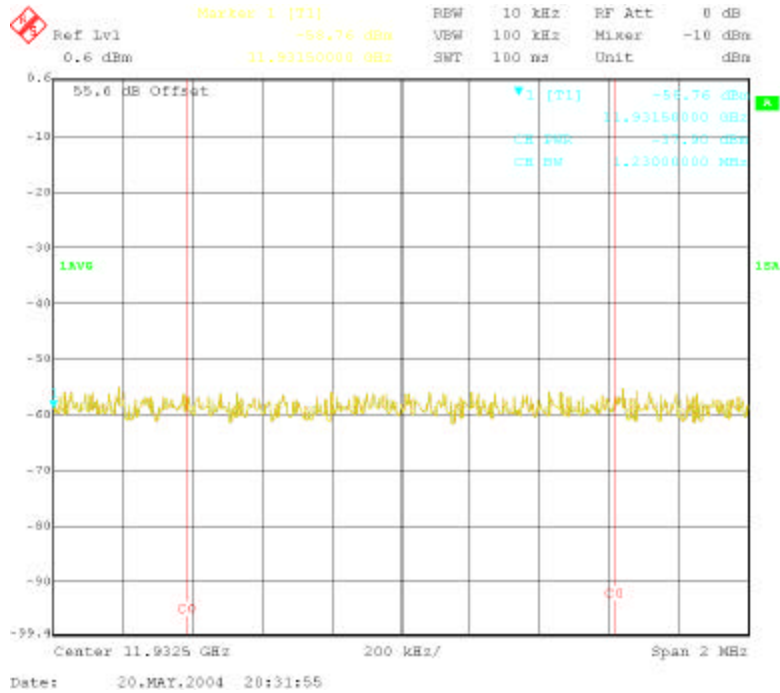




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SC4812T-MC 1X/1X-DO @ 1.9 GHz CDMA BTS
Test Report Exhibit

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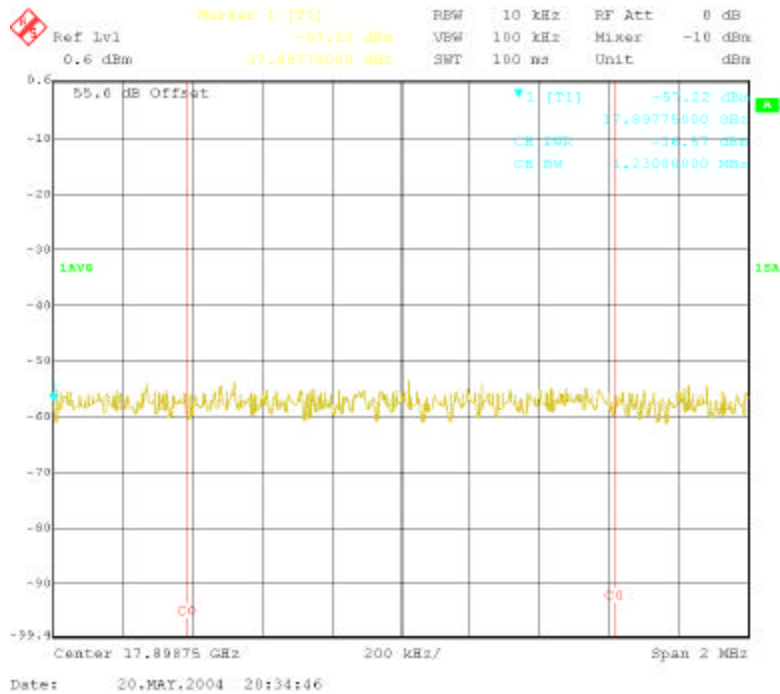
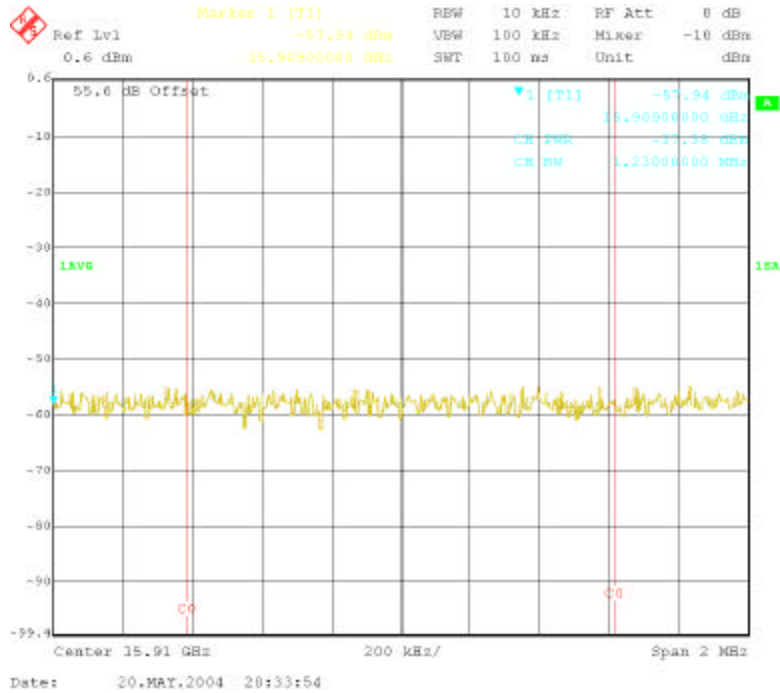




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SC4812T-MC 1X/1X-DO @ 1.9 GHz CDMA BTS
Test Report Exhibit

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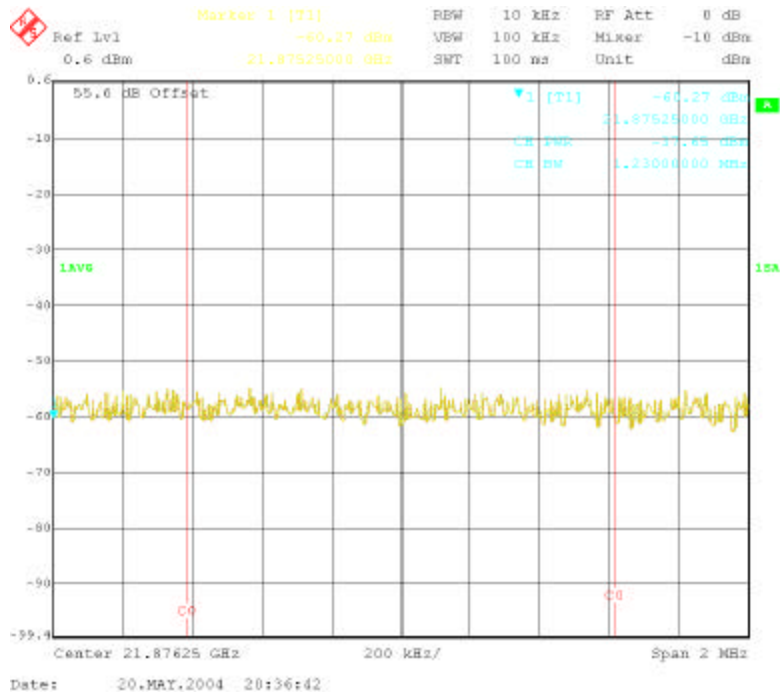
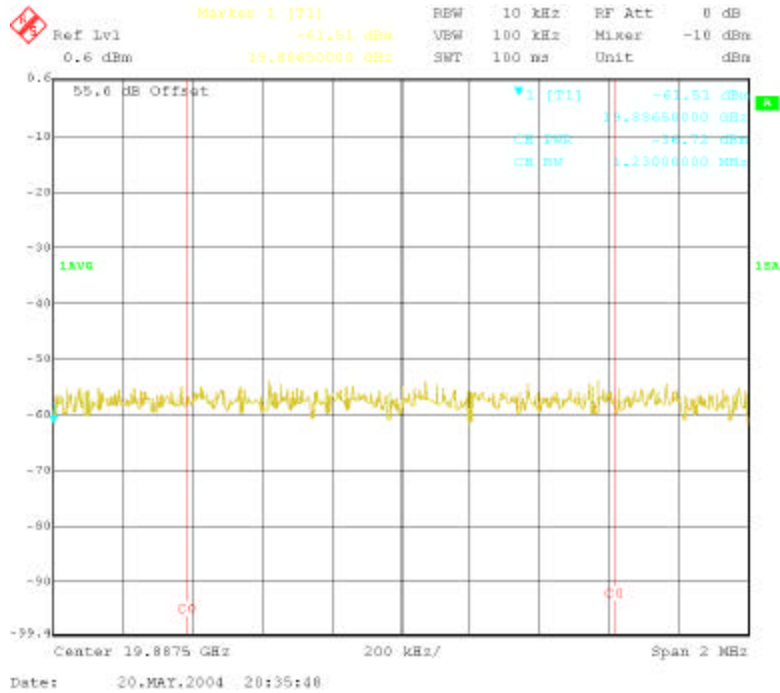




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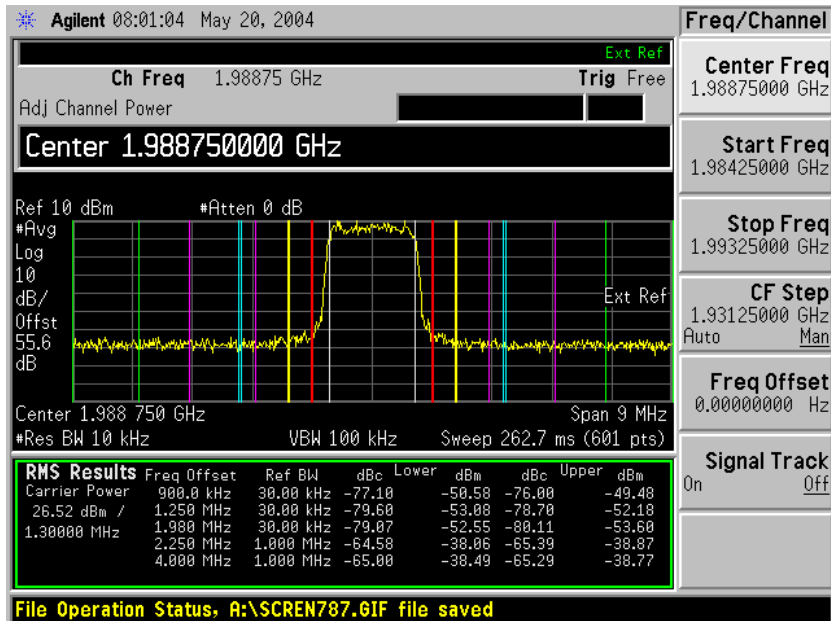
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SC4812T-MC 1X/1X-DO @ 1.9 GHz CDMA BTS

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Test Report Exhibit

Spurious Emissions at Antenna Terminal – 0.45W Channel 1175 – 1.98875 GHz – 16QAM

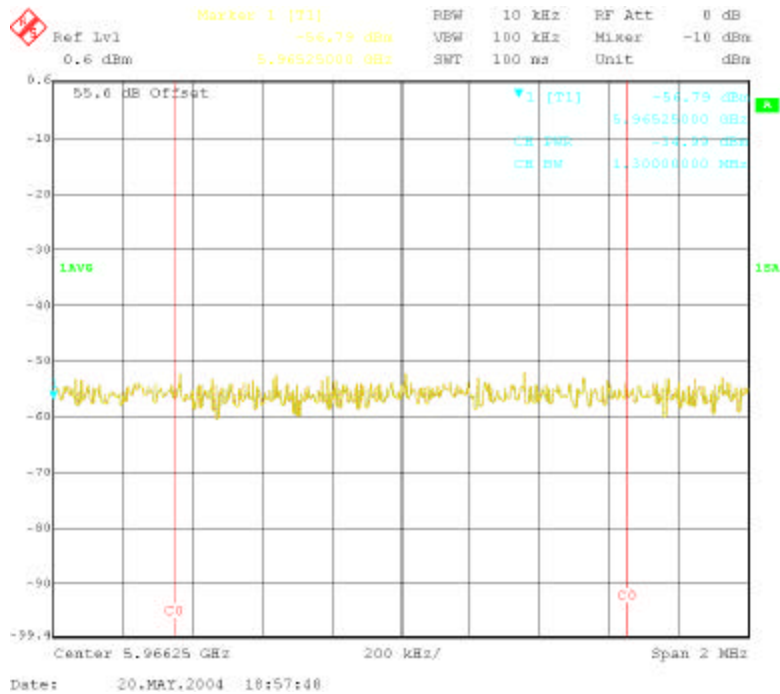
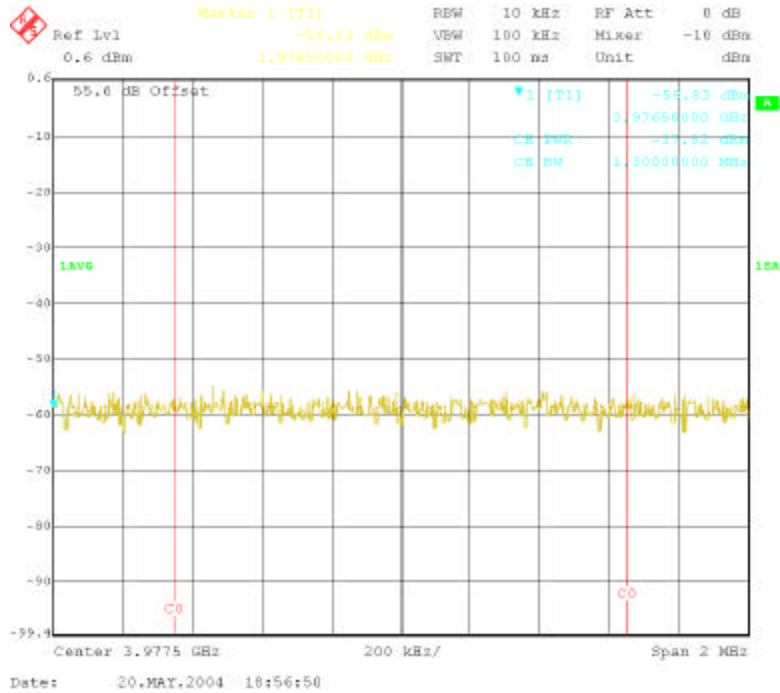




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SC4812T-MC 1X/1X-DO @ 1.9 GHz CDMA BTS
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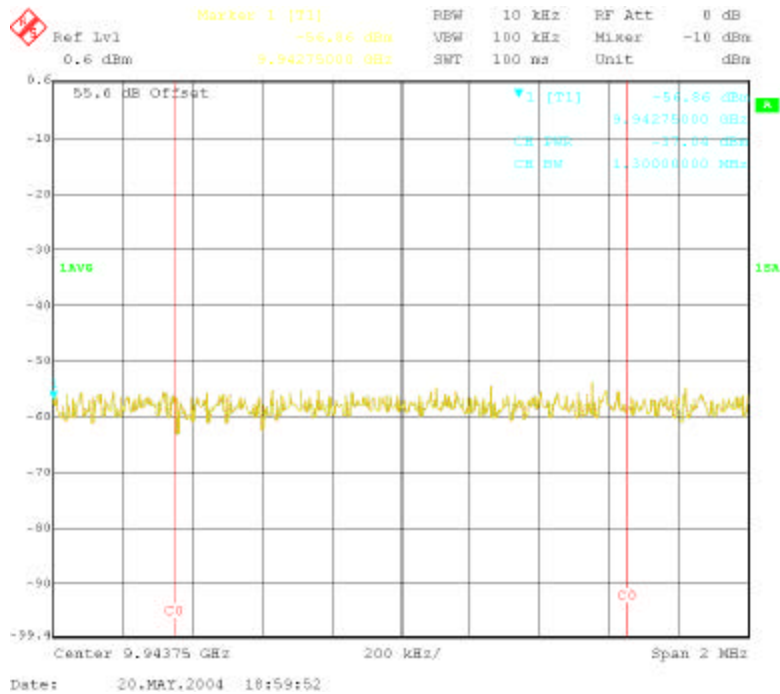
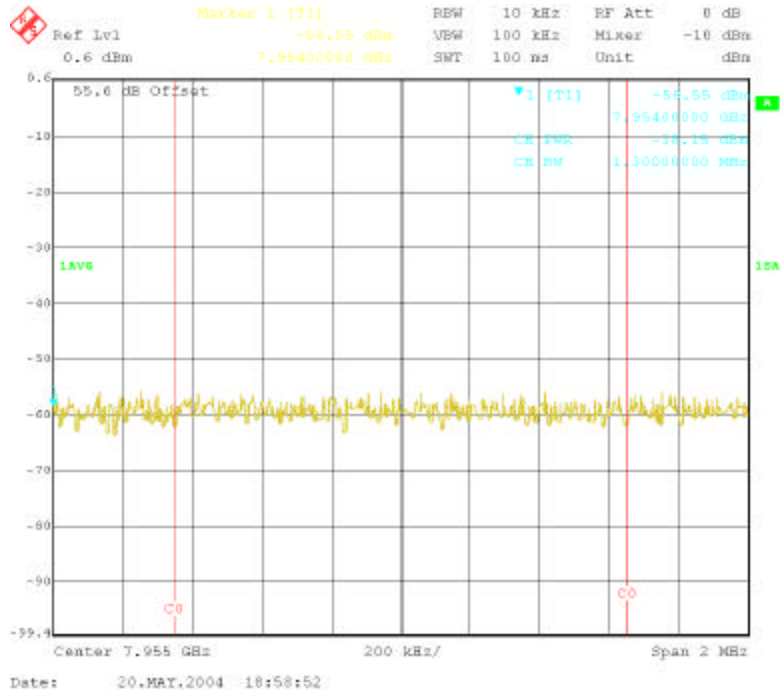




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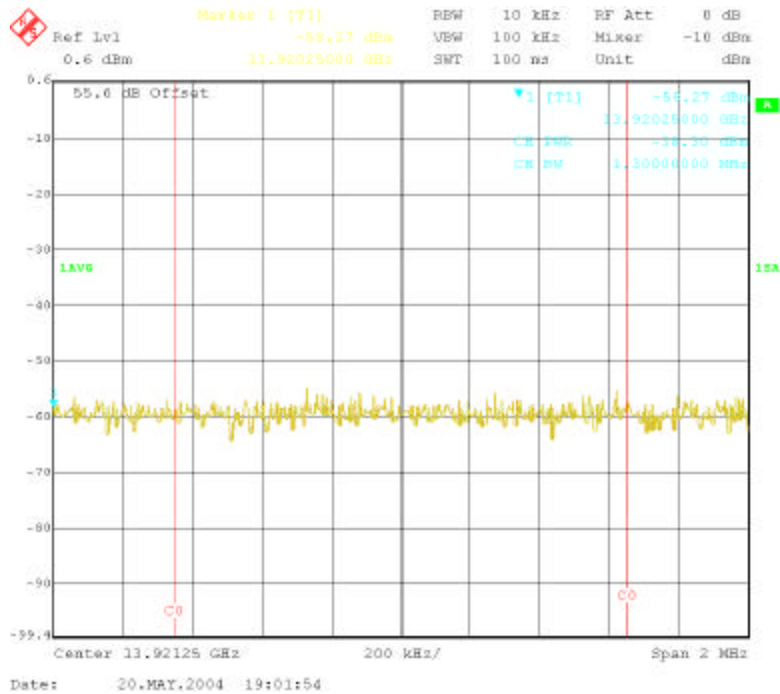
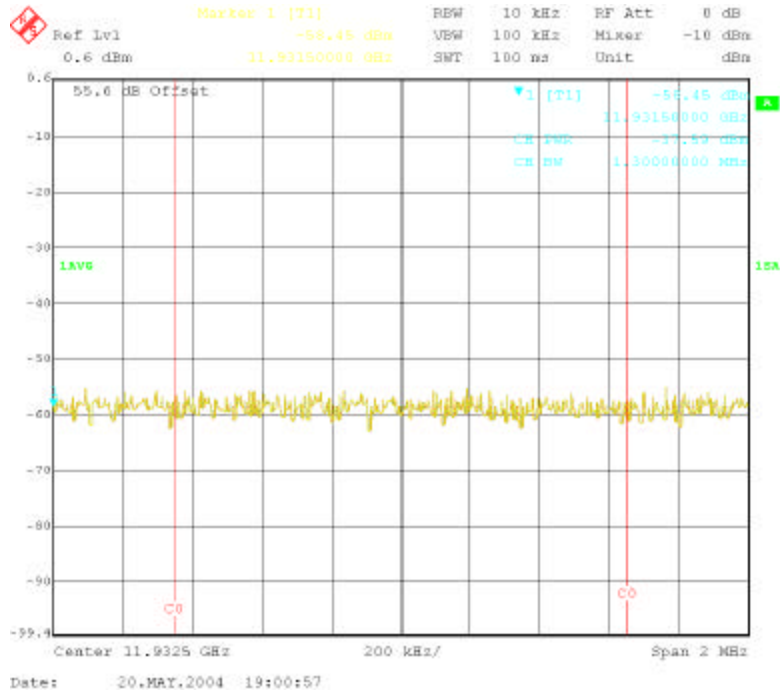




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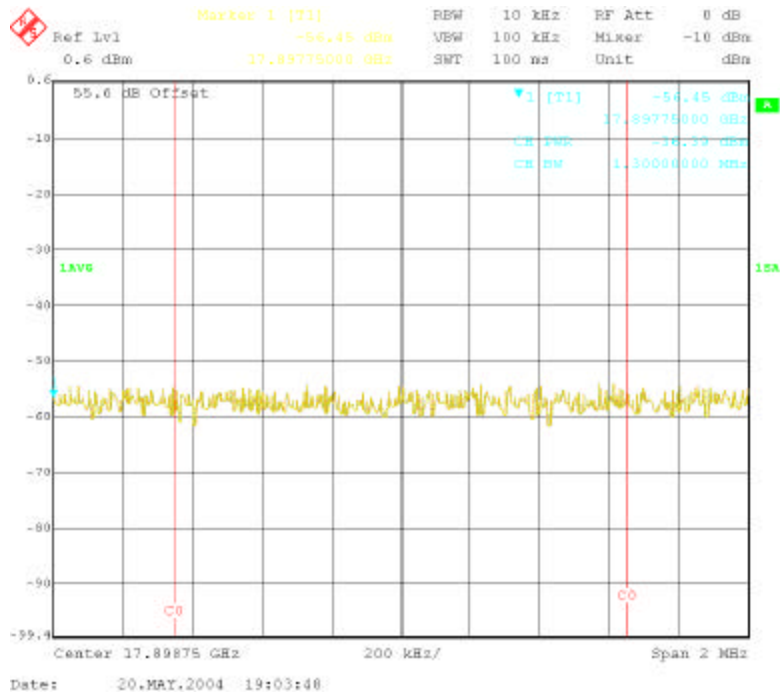
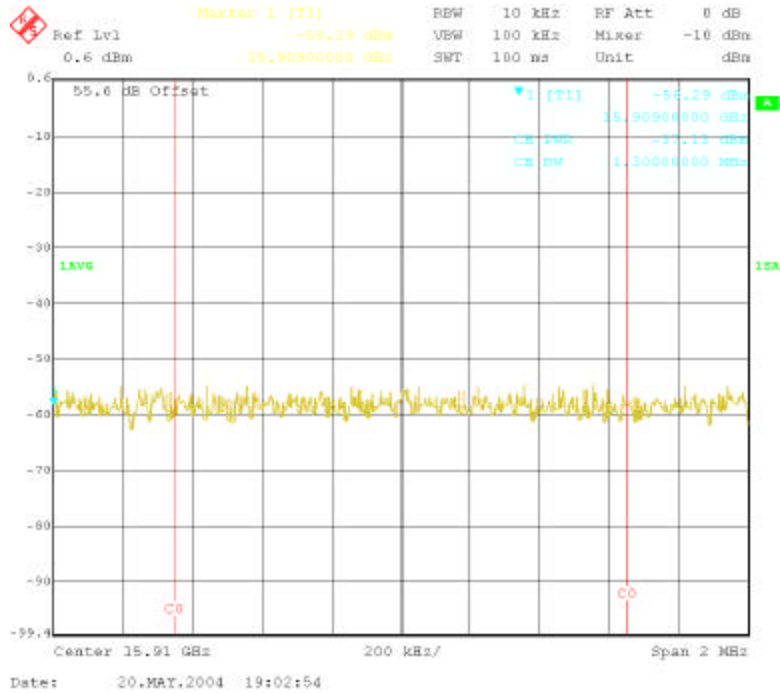




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SC4812T-MC 1X/1X-DO @ 1.9 GHz CDMA BTS
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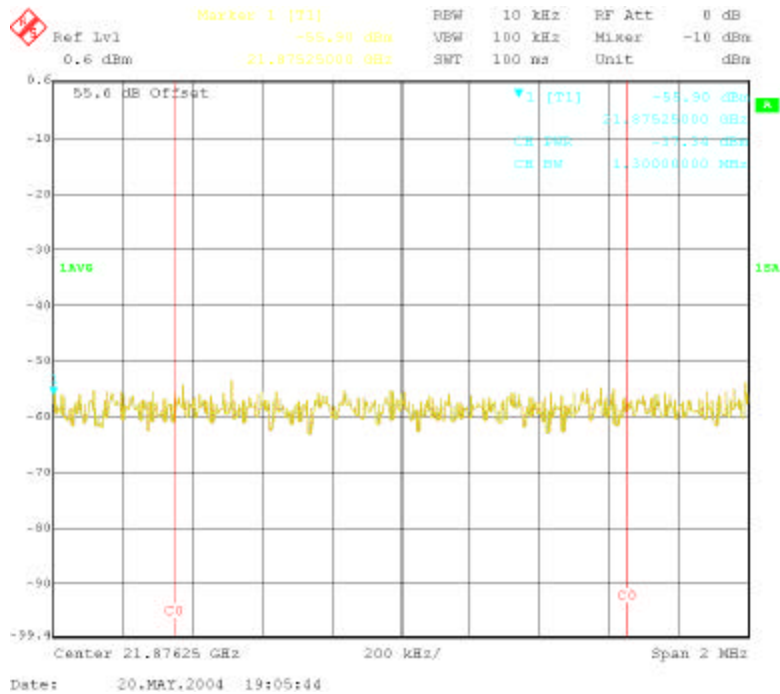
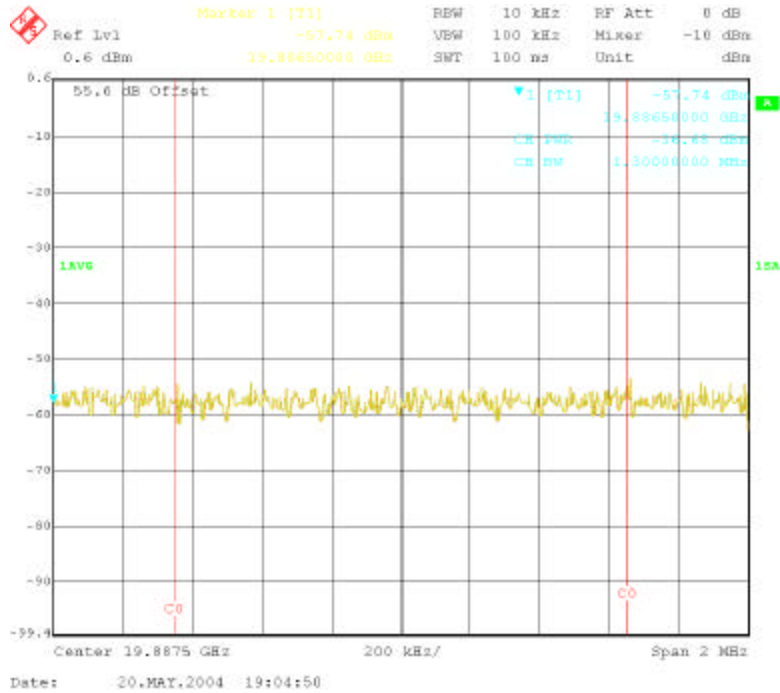




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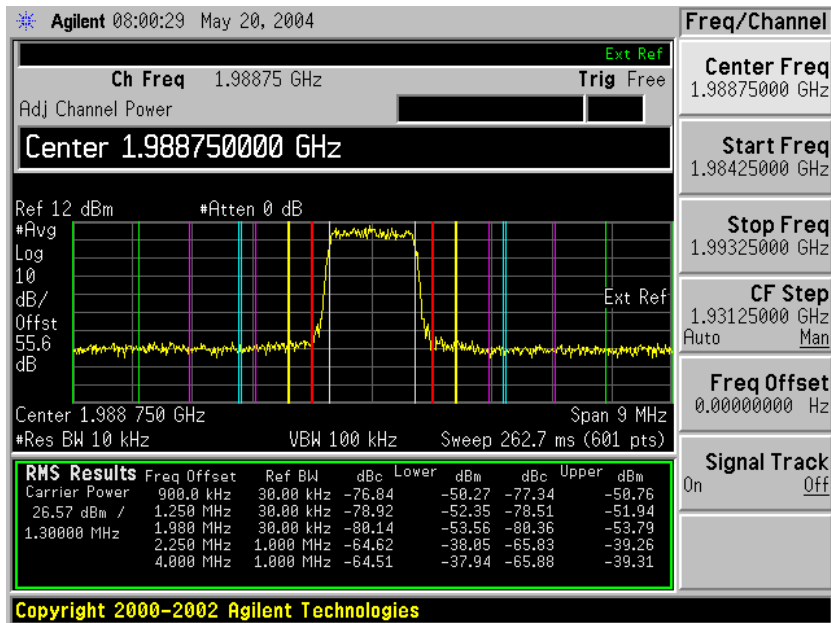
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SC4812T-MC 1X/1X-DO @ 1.9 GHz CDMA BTS

FCC ID: IHET6DY1

Test Report Exhibit

Spurious Emissions at Antenna Terminal – 0.45W Channel 1175 – 1.98875 GHz – 8PSK

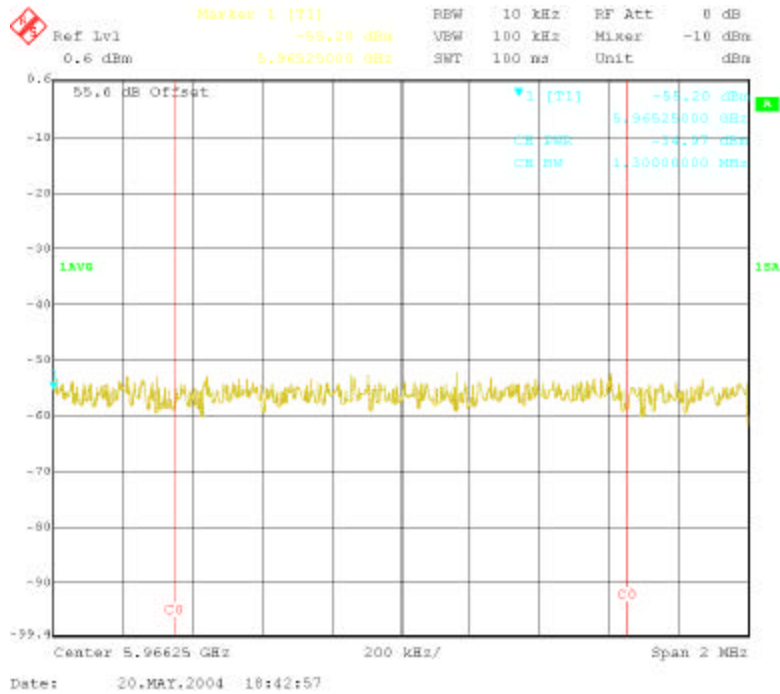
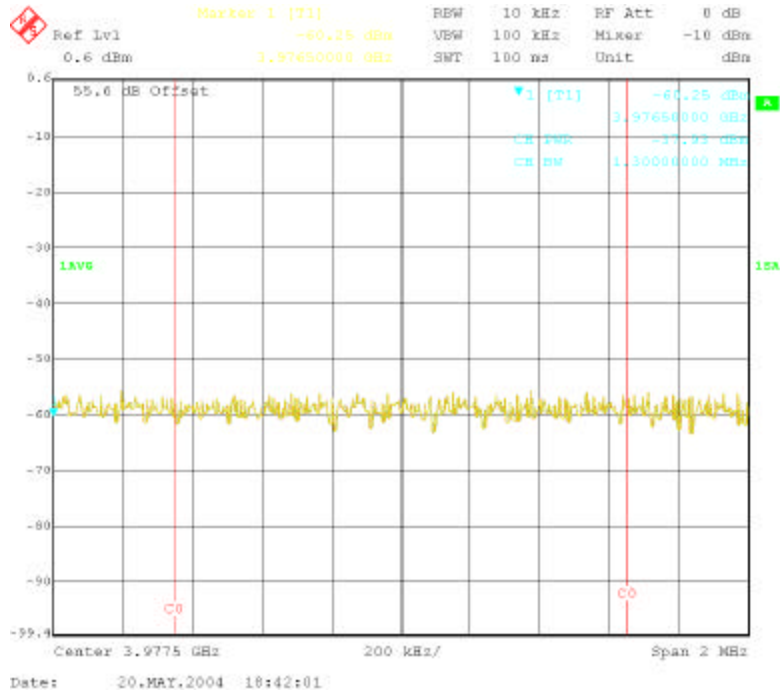




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SC4812T-MC 1X/1X-DO @ 1.9 GHz CDMA BTS
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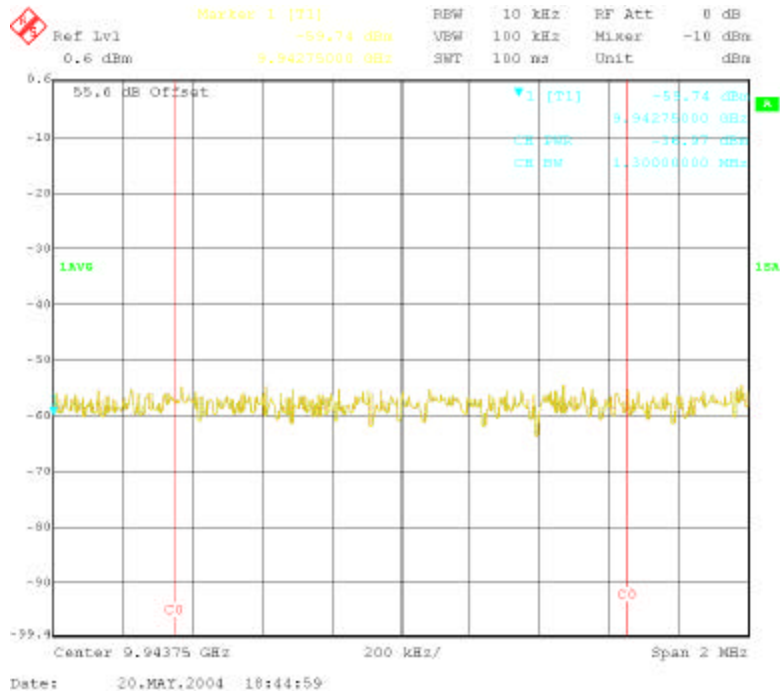
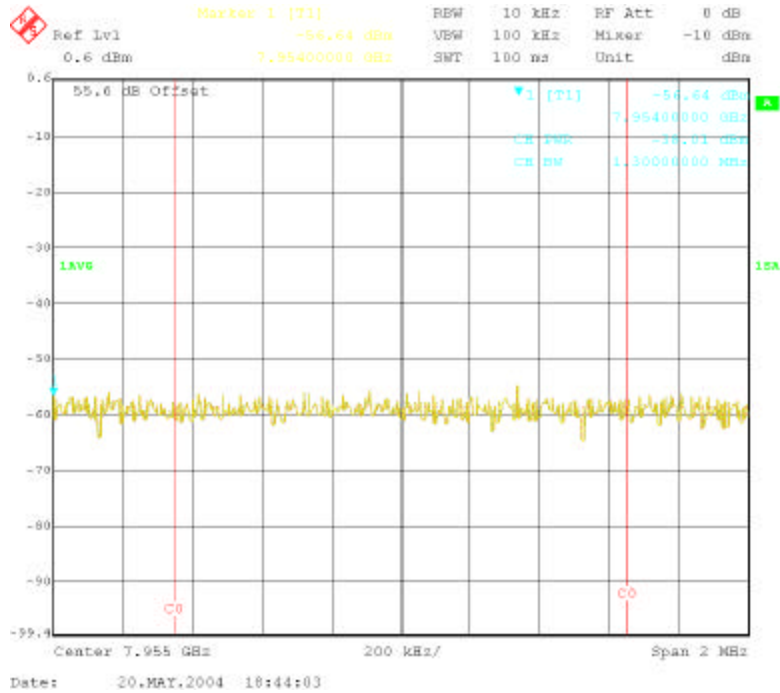




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SC4812T-MC 1X/1X-DO @ 1.9 GHz CDMA BTS
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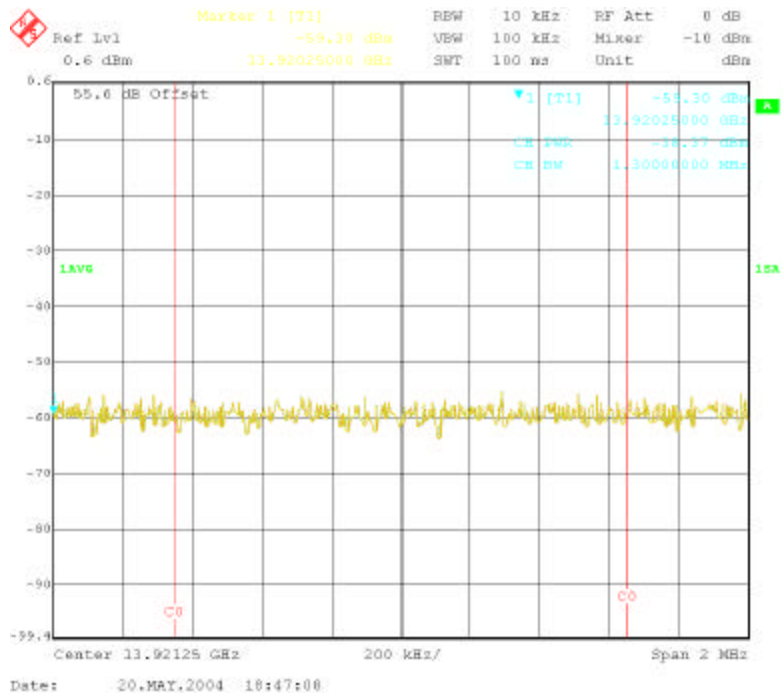
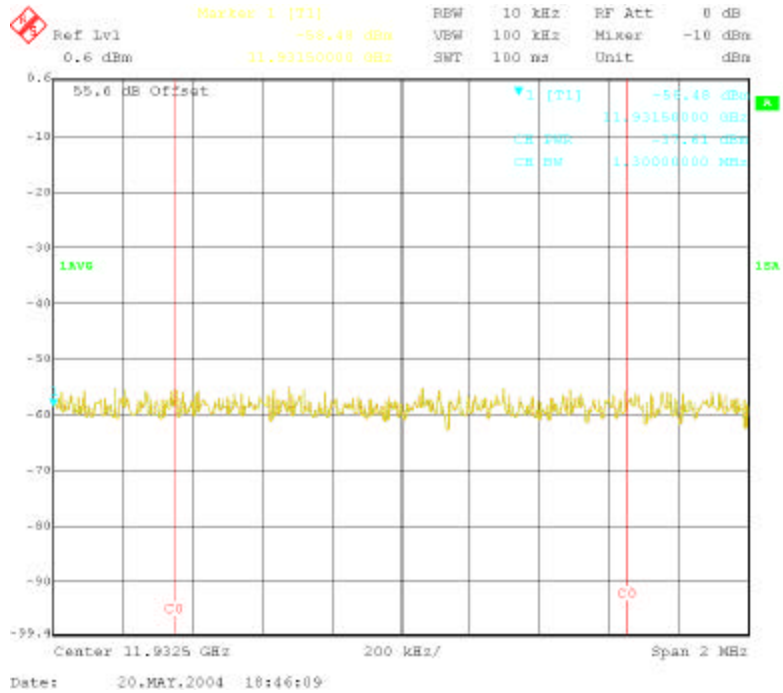




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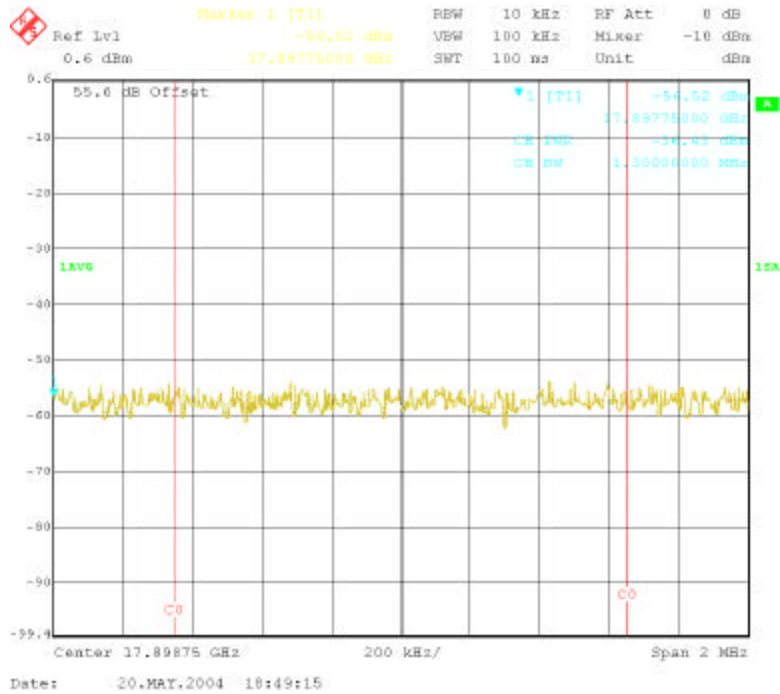
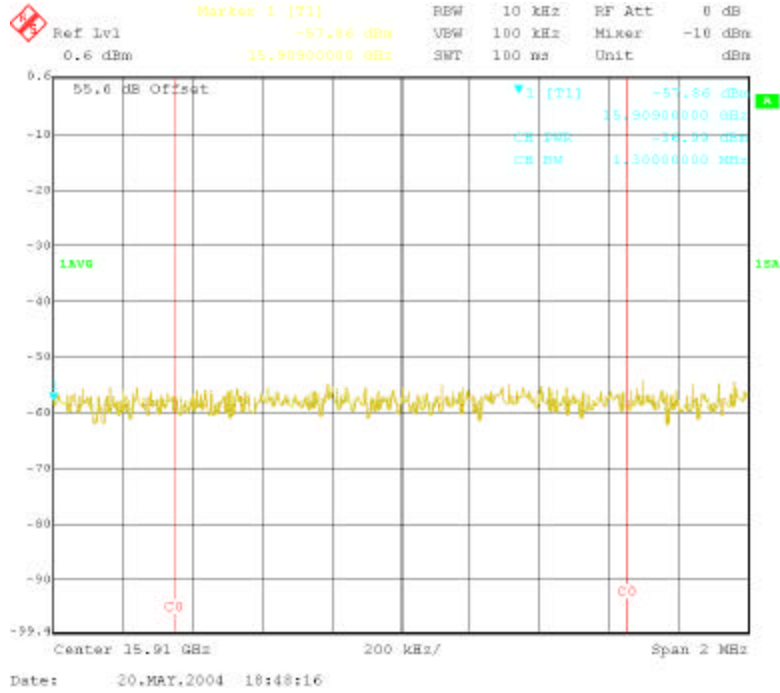




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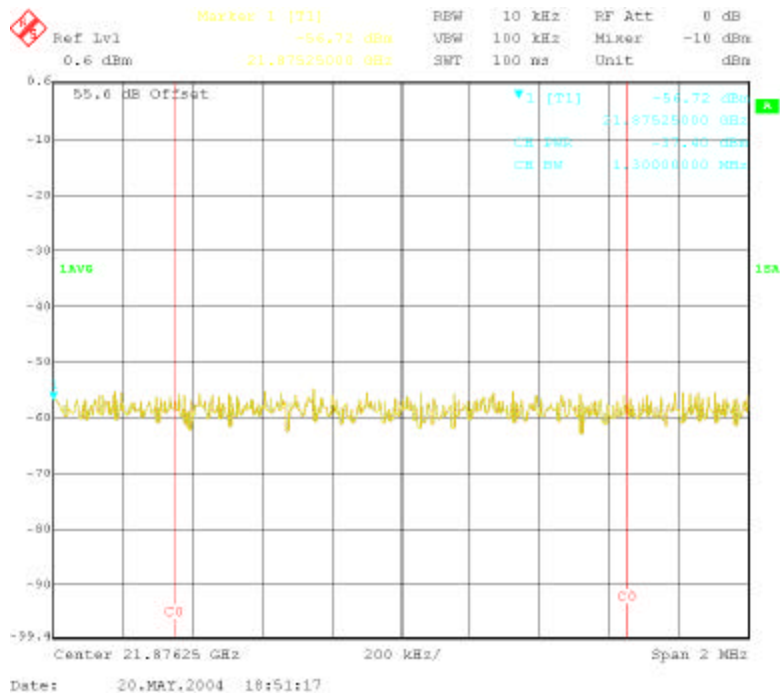
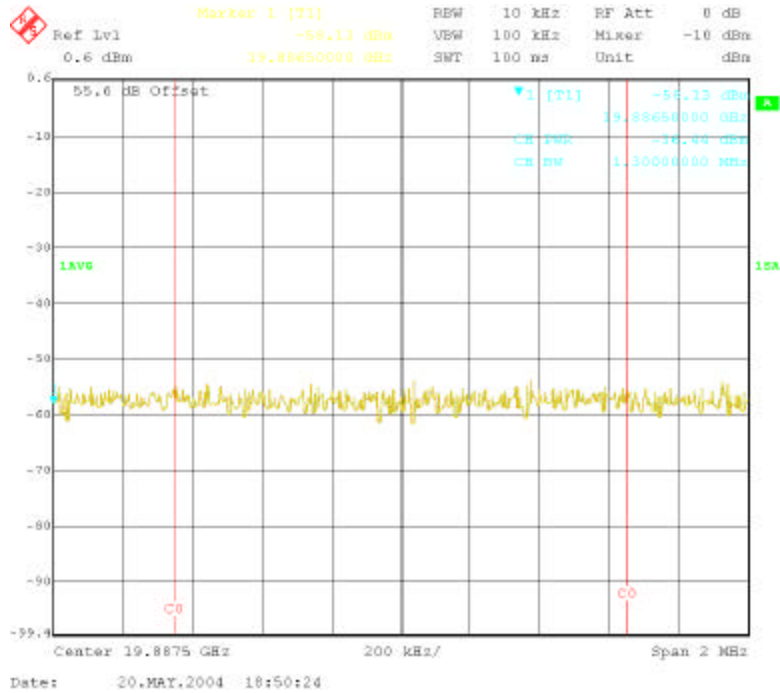




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SECTION E

Field Strength of Spurious Radiation - 47CFR2.1053

Worst case Radiated RF Spur Levels

TRANSMIT CHANNEL	SPUR FREQUENCY (MHz)	MEASURED SIGNAL LEVEL dBuV/meter	MEASURED Signal Level (dBm)	FCC, Part 22 MAX LIMIT (dBm)
25H	11587.5	57.640	-37.59	-13
25V	11587.5	57.190	-38.04	-13
1175H	11932.5	57.320	-37.91	-13
1175V	7955.0	57.990	-37.24	-13

Converting dBuV/meter to dBm when Part 24 is done at 3 meters.

1. $(\text{dBuV/M} / 20) * (\text{Inverse Log}) = \text{uV/M}$
2. $\text{Log}(\text{uV/M} / 57735) * 20 = \text{dBm}$

If the test is done at 10 meters, the first formula would remain the same.

The 2nd is as follows $\text{Log}[(\text{uV/m} * 1 / (3 * 57735)/10)] * 20 \text{ dBm}$



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SC4812T-MC 1X/1X-DO @ 1.9 GHz CDMA BTS
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FCC ID: IHET6DY1

SECTION F

Frequency Stability - 47CFR2.1055

Mode	27V Power	Worst case DPPM	FCC Requirement	Pass/Fail
CSM1	85-115%	<0.02	+/- 1.5 ppm max	Pass
CSM 2	85-115%	<0.02	+/- 1.5 ppm max	Pass

Mode	Temperature	DPPM	FCC Requirement	Pass/Fail
CSM1	-30 to +50 C	<0.02	+/- 1.5 ppm max	Pass
CSM2	-30 to +50 C	<0.02	+/- 1.5 ppm max	Pass

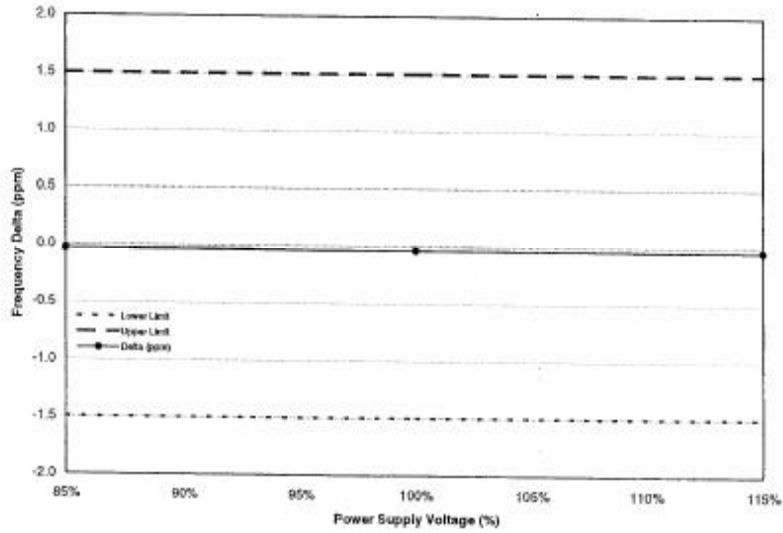


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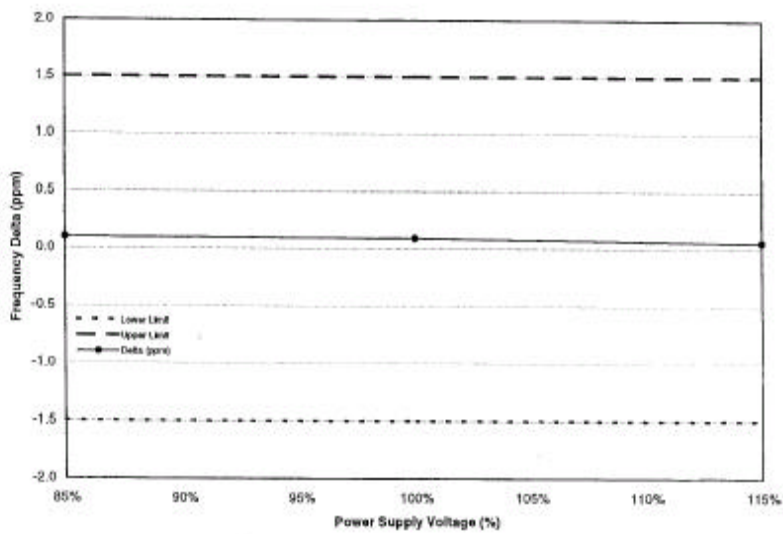
SC4812T-MC 1X/1X-DO @ 1.9 GHz CDMA BTS
Test Report Exhibit

FCC ID: IHET6DY1

Frequency Stability with Varying Supply Voltage - CSM1



Frequency Stability with Varying Supply Voltage - CSM2



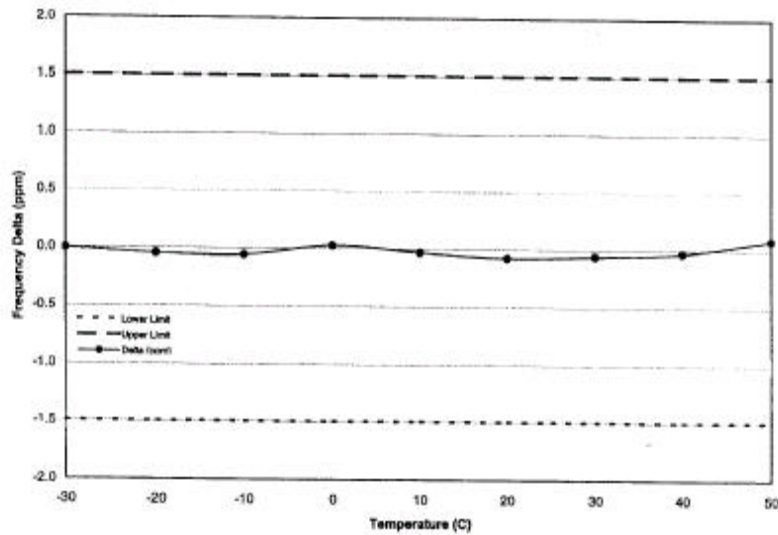


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SC4812T-MC 1X/1X-DO @ 1.9 GHz CDMA BTS
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FCC ID: IHET6DY1

Frequency Stability Over Temperature - CSM1



Frequency Stability Over Temperature - CSM2

