

Submitted Measured Data

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RF Power Output Data

The RF power output was measured with the indicated voltage applied to and current into the final RF amplifying device.

484.975 MHz

Measured RF output	5.3 Watts
Nominal DC voltage	7.5 Volts
Nominal DC Current	1.76 Amps
Primary Supply Voltage	7.5 Volts

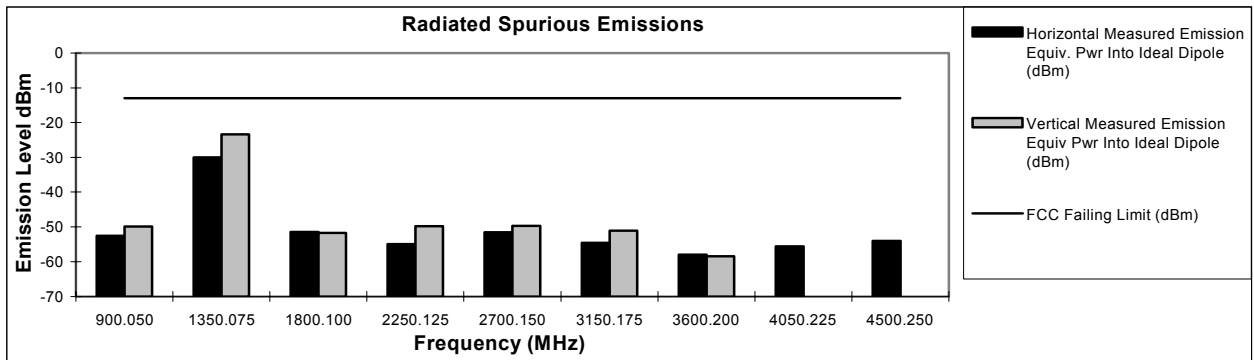
Measured RF output	3.0 Watts
Nominal DC voltage	7.5 Volts
Nominal DC Current	1.22 Amps
Primary Supply Voltage	7.5 Volts

Measured RF output	1.0 Watt
Nominal DC voltage	7.5 Volts
Nominal DC Current	0.84 Amps
Primary Supply Voltage	7.5 Volts

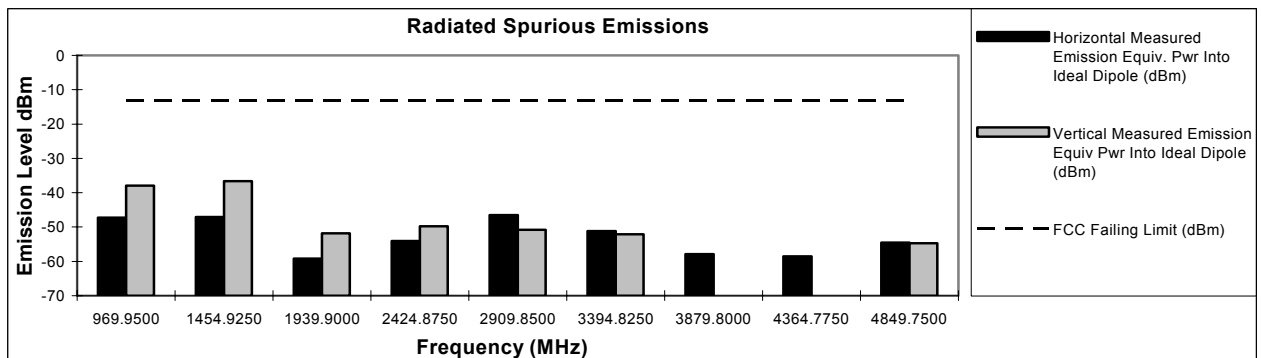
Motorola Inc.

Transmit Radiated Spurious Emissions: XTS5000**Tx Power: 5.3 Watts****450.025 MHz****Channel Spacing 25kHz | S/N 1**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
900.050	-13	-52.55	-49.84
1350.075	-13	-30.08	-23.36
1800.100	-13	-51.51	-51.73
2250.125	-13	-54.96	-49.79
2700.150	-13	-51.56	-49.75
3150.175	-13	-54.51	-51.07
3600.200	-13	-57.93	-58.41
4050.225	-13	-55.60	*
4500.250	-13	-53.97	*

**Transmit Radiated Spurious Emissions: XTS5000****Tx Power: 5.3 Watts****484.975 MHz****Channel Spacing 25kHz | S/N 1**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
969.9500	-13	-47.29	-37.91
1454.9250	-13	-47.10	-36.67
1939.9000	-13	-59.20	-51.80
2424.8750	-13	-54.07	-49.77
2909.8500	-13	-46.51	-50.84
3394.8250	-13	-51.22	-52.09
3879.8000	-13	-57.92	*
4364.7750	-13	-58.61	*
4849.7500	-13	-54.57	-54.77



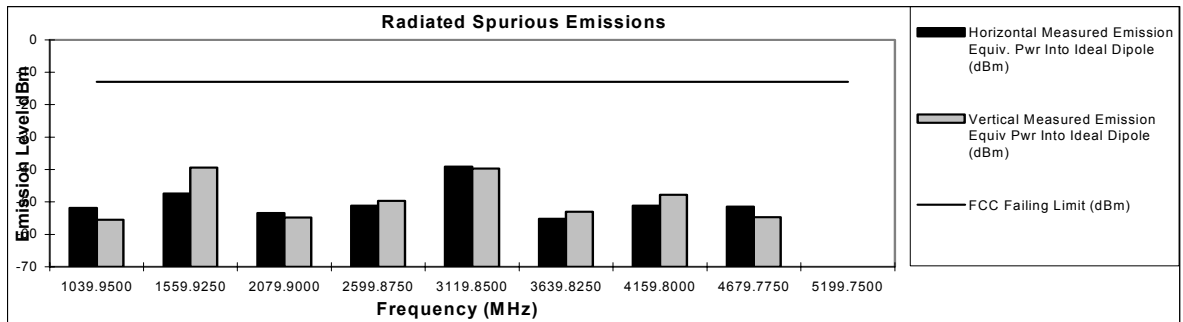
* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Inc.

Transmit Radiated Spurious Emissions: XTS5000**Tx Power: 5.3 Watts****519.975 MHz****Channel Spacing 25kHz | S/N 1**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1039.9500	-13	-51.79	-55.56
1559.9250	-13	-47.47	-39.42
2079.9000	-13	-53.46	-54.79
2599.8750	-13	-51.18	-49.67
3119.8500	-13	-39.10	-39.70
3639.8250	-13	-55.20	-53.03
4159.8000	-13	-51.18	-47.75
4679.7750	-13	-51.51	-54.73
5199.7500	-13	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Plantation EMC Lab – Test Performed by: Curt Mc Lennan

August 19, 2004

FCC Registration: 91932 / Industry Canada: IC3679

EXHIBIT 6B

Transmitter Conducted Spurious Emissions

FREQ: 450.02500 MHz

Power 5.0 W

Channel Spacing: 12.50 kHz

Spurious Frequency	FCC Limit	Measured Value (dBm)
898.30000	-20.0	-44.5
1344.00000	-20.0	-45.0



All Transmitter Spurious Emissions tested to the 10th Harmonic

Motorola Plantation ATE Lab

Friday, 6th August 2004

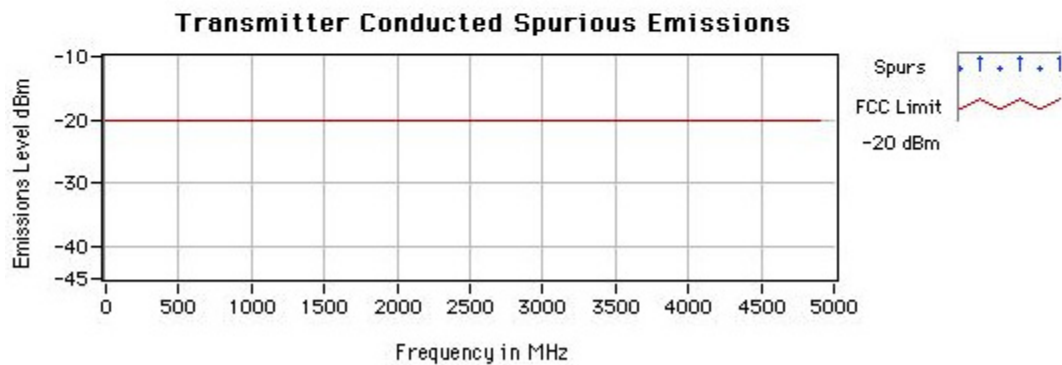
Transmitter Conducted Spurious Emissions

FREQ: 484.97500 MHz

Power 5.0 W

Channel Spacing: 12.50 kHz

Spurious Frequency	FCC Limit	Measured Value (dBm)
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All Transmitter Spurious Emissions tested to the 10th Harmonic

No Spurs Found Above -45 dBm

Motorola Plantation ATE Lab

Friday, 6th August 2004

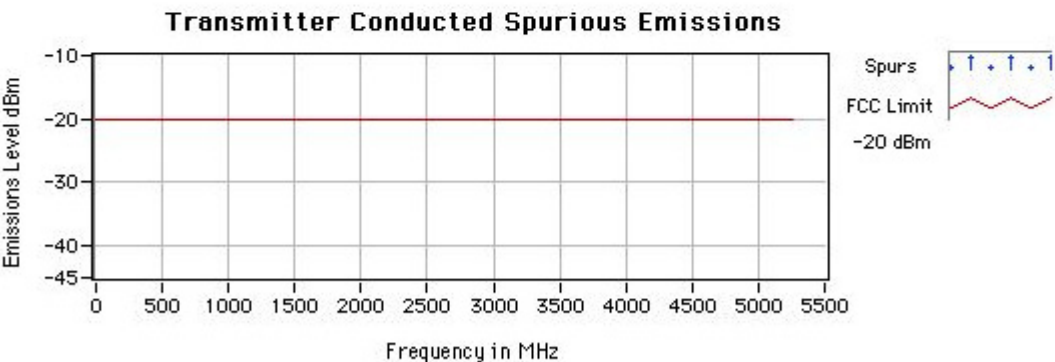
Transmitter Conducted Spurious Emissions

FREQ: 519.97500 MHz

Power 5.0 W

Channel Spacing: 12.50 kHz

Spurious Frequency	FCC Limit	Measured Value (dBm)
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All Transmitter Spurious Emissions tested to the 10th Harmonic

No Spurs Found Above -45 dBm

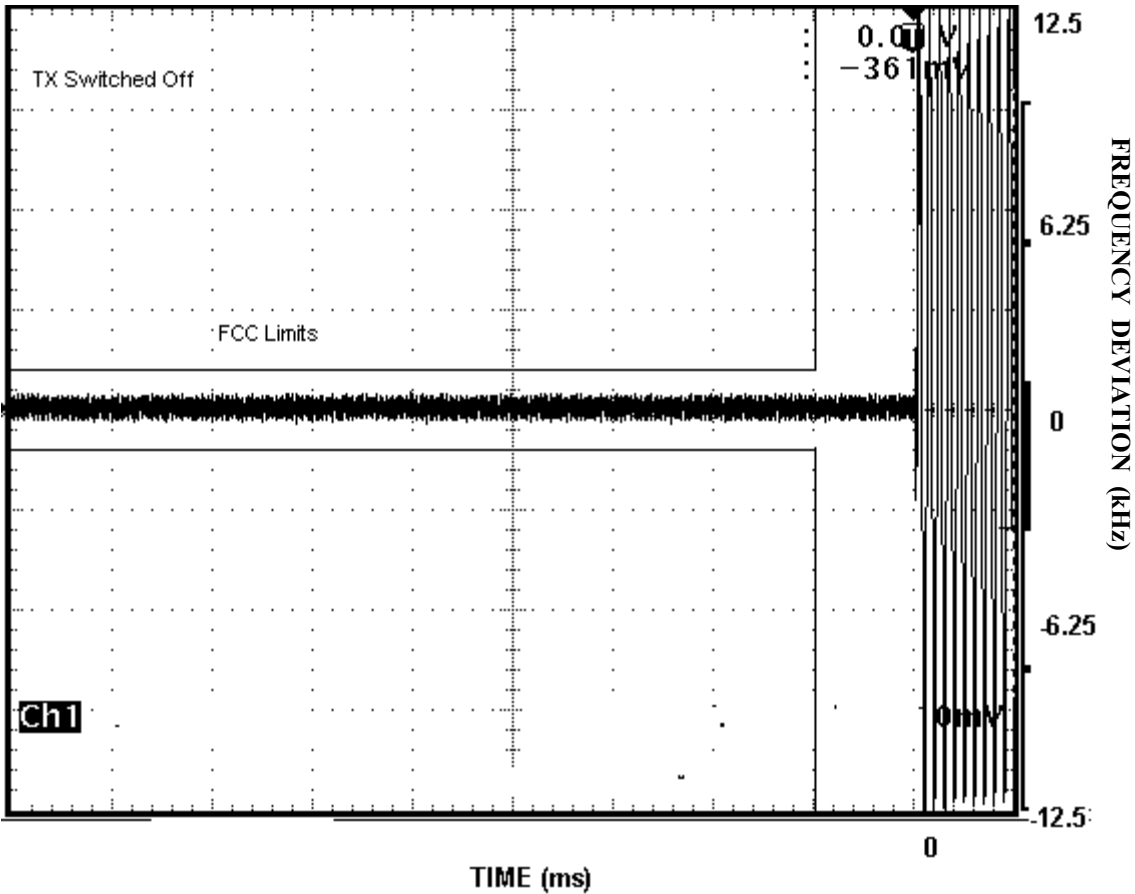
Motorola Plantation ATE Lab

Friday, 6th August 2004

Frequency = 484.975 MHz Channel Spacing = 12.5 kHz TX ON

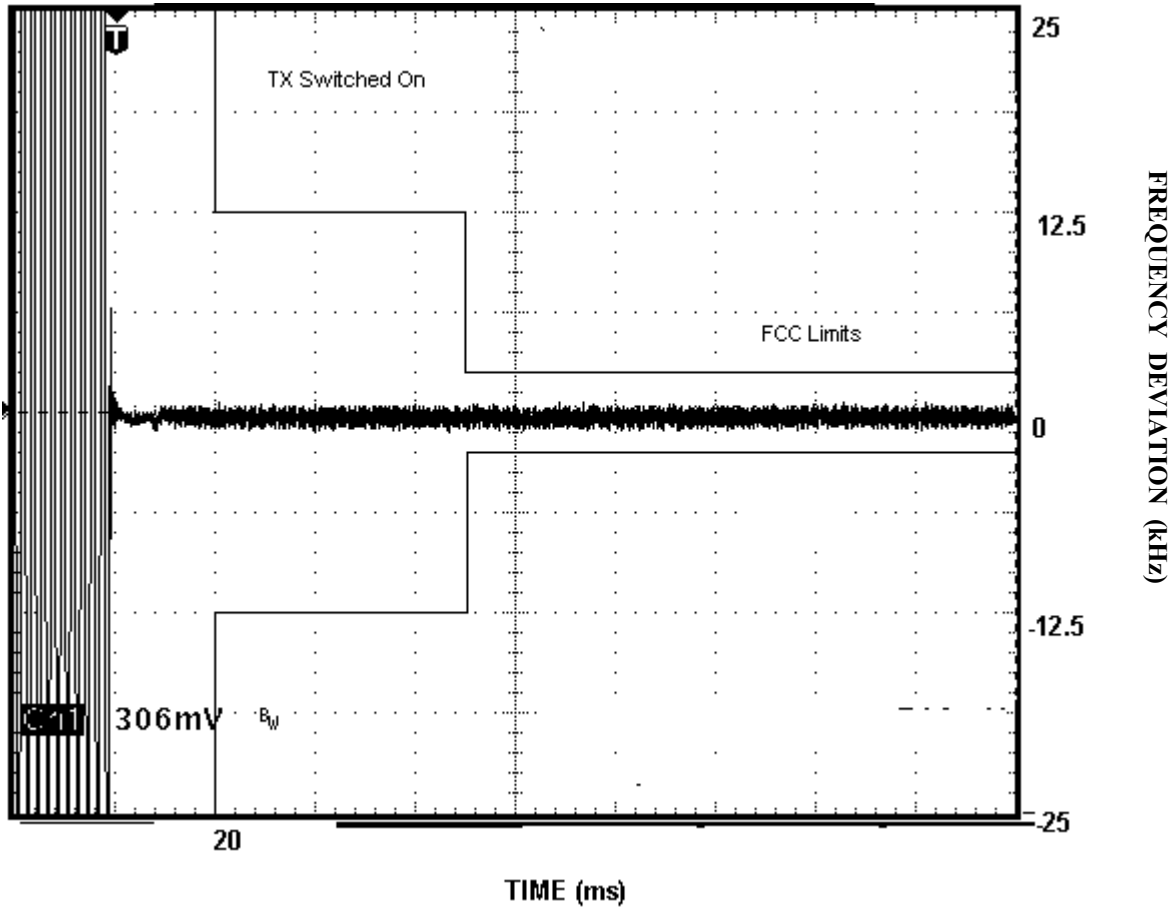
Transmitter Transient Frequency Behavior

Frequency = 484.975 MHz Channel Spacing = 12.5 kHz, TX OFF



Transmitter Transient Frequency Behavior

Frequency = 484.975 MHz Channel Spacing = 25 kHz TX ON



Transmitter Transient Frequency Behavior

Frequency = 484.975 MHz Channel Spacing = 25 kHz TX OFF

