

Data: RF Power and Current output.
Product: Cosmo Portable UHF-R1
Date: 9/20/99

Power Level: High (4.3 Watts)

Frequency tested	403.1	MHz
Measured RF output power	4.3	Watts
Normal DC voltage	7.5	Volts
Normal DC current	1700	mA
Primary Supply Voltage	7.5	Volts

Frequency tested	463.7	MHz
Measured RF output power	4.3	Watts
Normal DC voltage	7.5	Volts
Normal DC current	2000	mA
Primary Supply Voltage	7.5	Volts

Power Level : Low (1.0 watt)

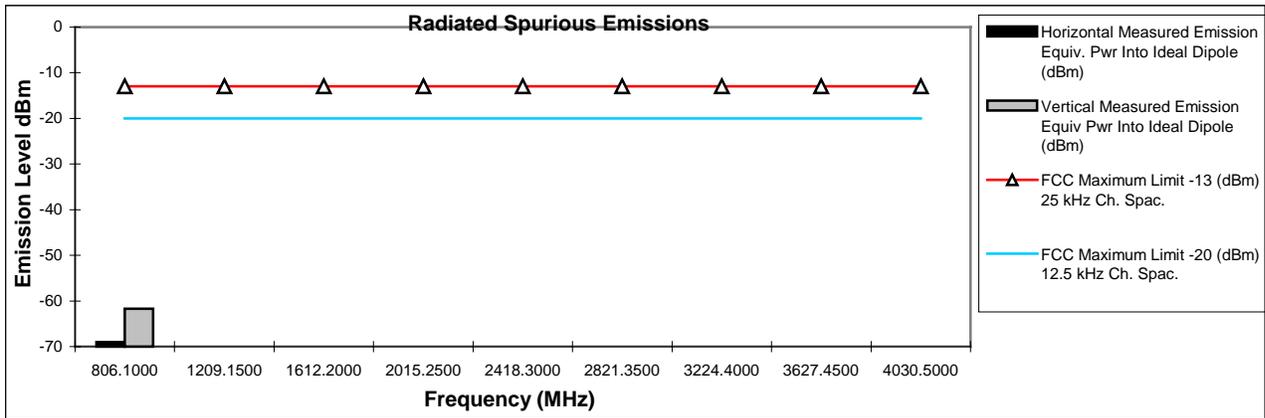
Frequency tested	403.1	MHz
Measured RF output power	1.0	Watts
Normal DC voltage	7.5	Volts
Normal DC current	1000	mA
Primary Supply Voltage	7.5	Volts

Frequency tested	463.7	MHz
Measured RF output power	1.0	Watts
Normal DC voltage	7.5	Volts
Normal DC current	1100	mA
Primary Supply Voltage	7.5	Volts

Transmitter Radiated Spurious Emissions: Cosmo UHF B1

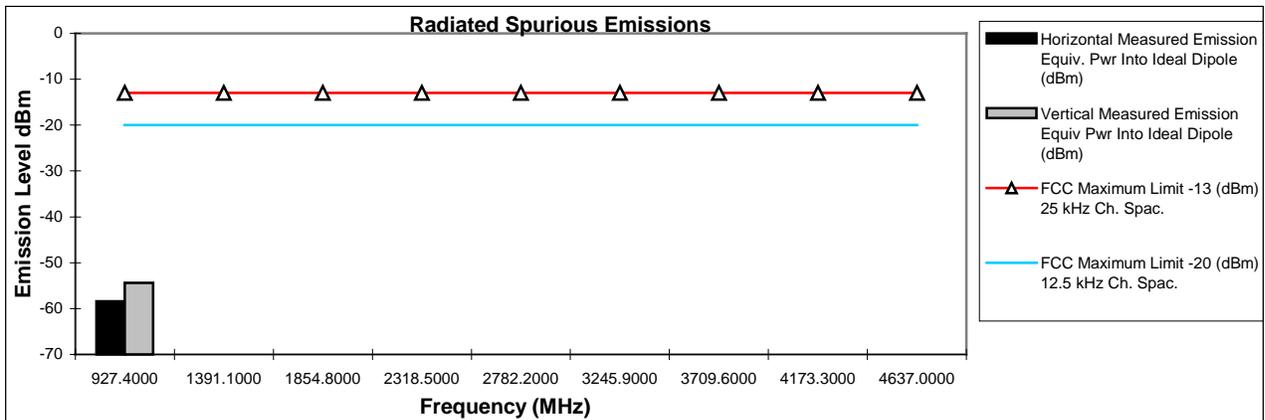
403.05 MHz - 4.0 W - 25 kHz CH. Spacing

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	FCC Maximum Limit -20 (dBm) 12.5 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
2X FUND	806.1000	-13	-20	-69.0	-61.7
3X FUND	1209.1500	-13	-20	*	*
4X FUND	1612.2000	-13	-20	*	*
5X FUND	2015.2500	-13	-20	*	*
6X FUND	2418.3000	-13	-20	*	*
7X FUND	2821.3500	-13	-20	*	*
8X FUND	3224.4000	-13	-20	*	*
9X FUND	3627.4500	-13	-20	*	*
10XFUND	4030.5000	-13	-20	*	*



463.7 MHz - 4.0 W - 25 kHz CH. Spacing

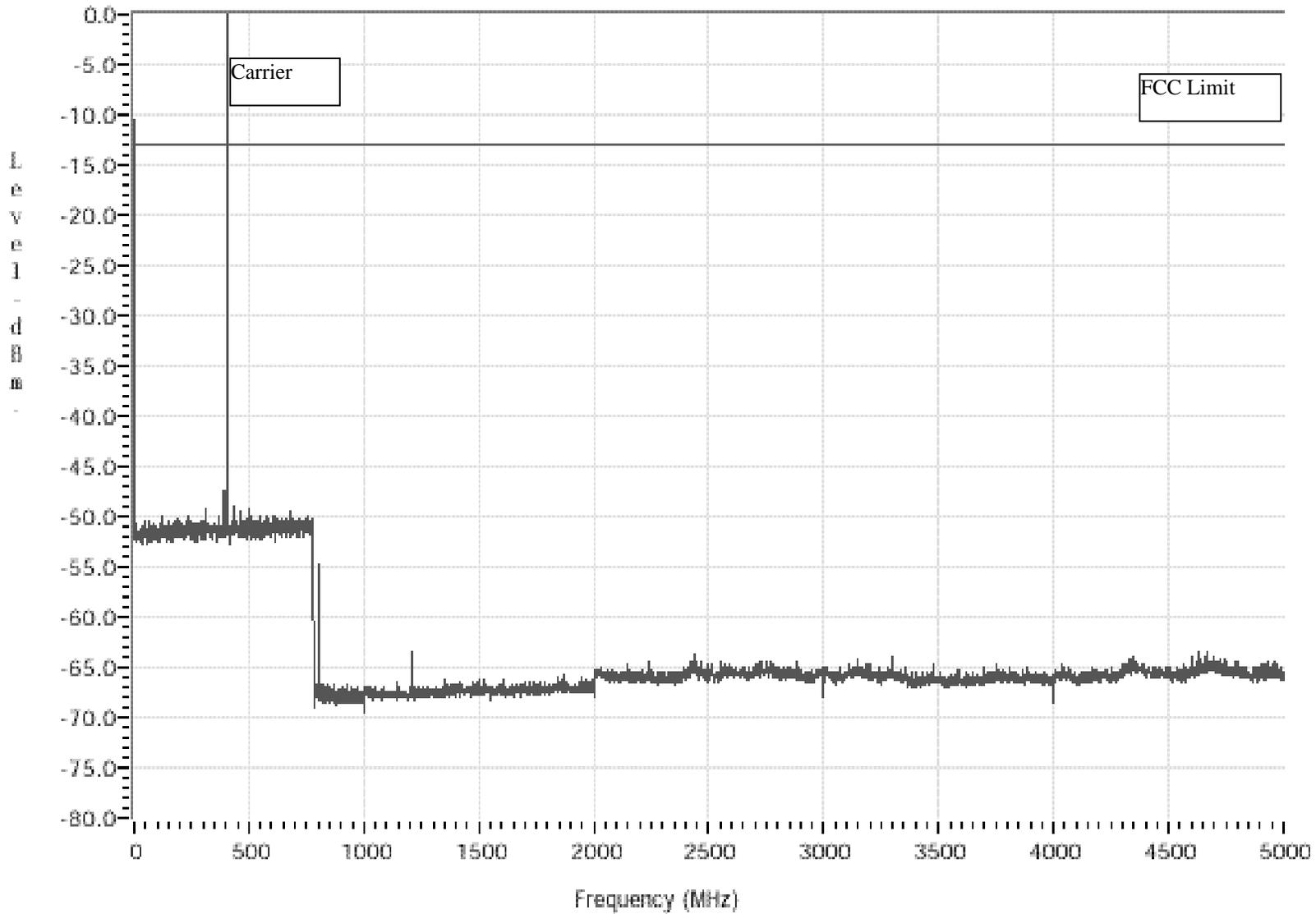
Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	FCC Maximum Limit -20 (dBm) 12.5 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
2X FUND	927.4000	-13	-20	-58.4	-54.4
3X FUND	1391.1000	-13	-20	*	*
4X FUND	1854.8000	-13	-20	*	*
5X FUND	2318.5000	-13	-20	*	*
6X FUND	2782.2000	-13	-20	*	*
7X FUND	3245.9000	-13	-20	*	*
8X FUND	3709.6000	-13	-20	*	*
9X FUND	4173.3000	-13	-20	*	*
10XFUND	4637.0000	-13	-20	*	*



* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

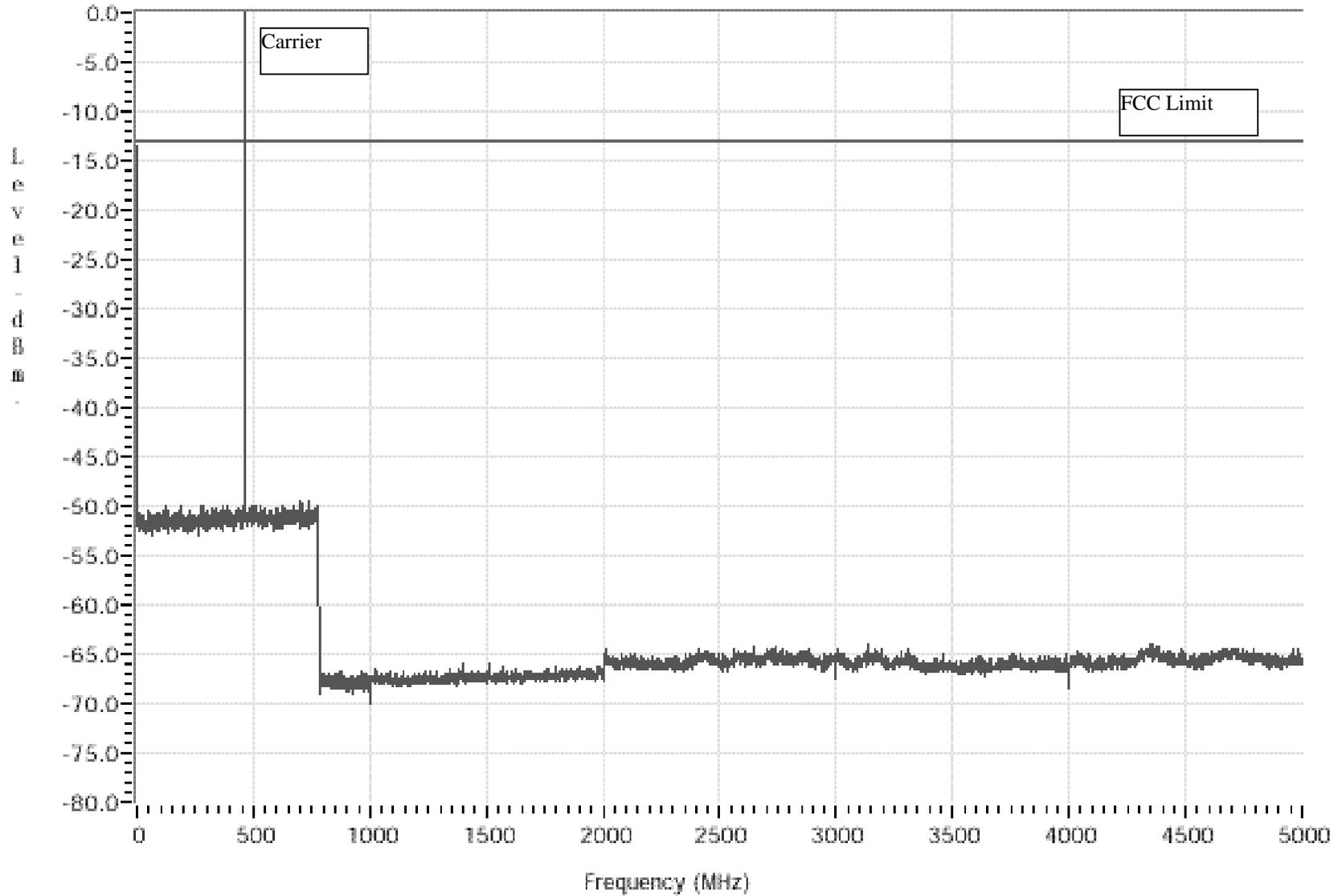
TRANSMITTER CONDUCTED SPURIOUS AND HARMONIC EMISSIONS

Frequency: 403.125 MHz Power Out: 4.2 W



TRANSMITTER CONDUCTED SPURIOUS AND HARMONIC EMISSIONS

Frequency: 463.725 MHz Power Out: 4.2W



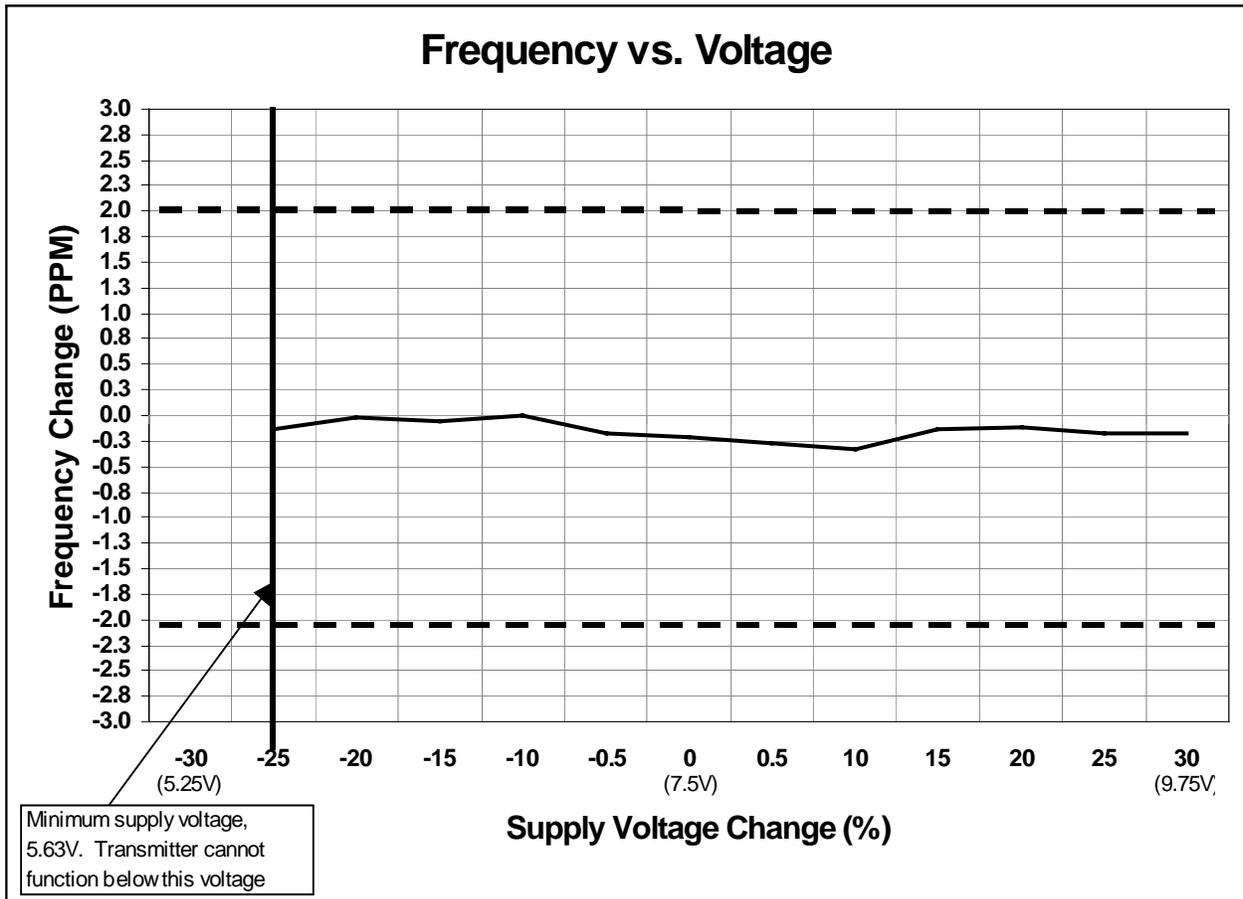
STABILITY CHARACTERISTIC FREQUENCY vs. VOLTAGE

Date: 21th. September 1999

Signature: Thanh Tran

Frequency: 463.700MHz

Supply Voltage: 7.5 Volts



**STABILITY CHARACTERISTIC
FREQUENCY vs. TEMPERATURE**

Date: 24th. September 1999

Signature: Thanh Tran

Frequency: 463.700MHz

