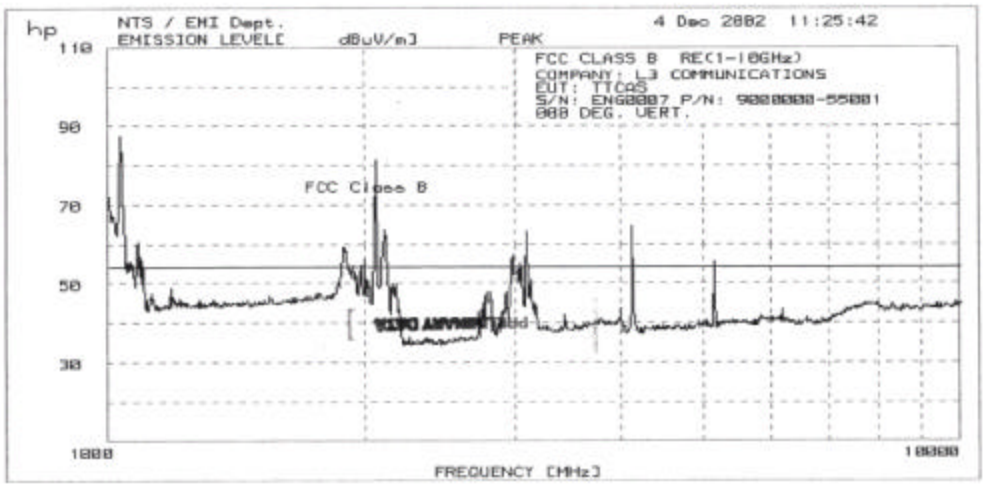

Figure 58: 4MCU, Radiated, Mode 2, 1-10GHz, 000 Deg, Vertical

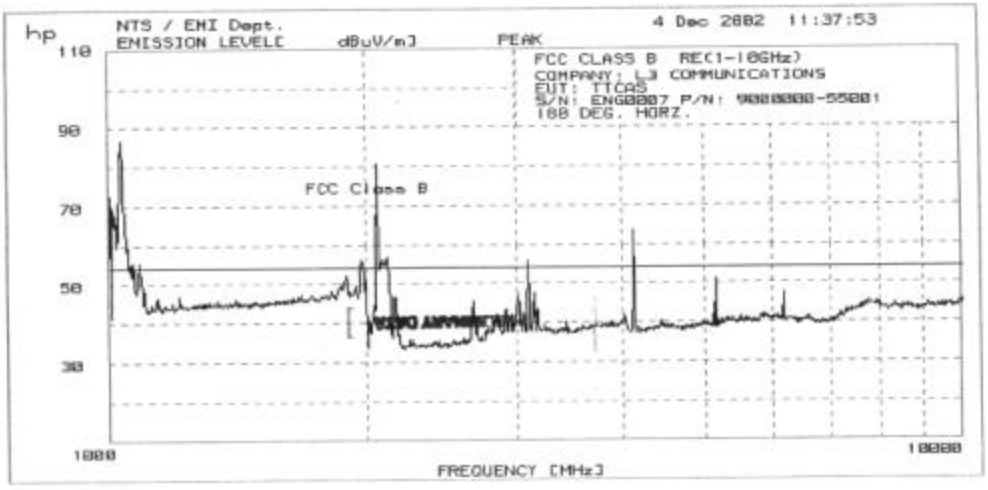

Figure 59: 4MCU, Radiated, Mode 2, 1-10GHz, 180 Deg, Horizontal

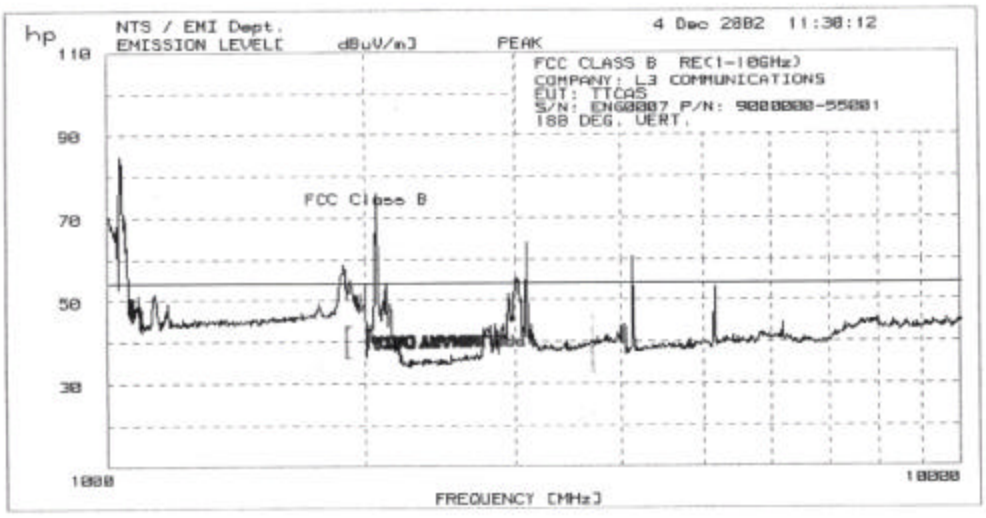

Figure 60: 4MCU, Radiated, Mode 2, 1-10GHz, 180 Deg, Vertical

9.1.2 Class B Spurious Emissions (Radiated) Standby Mode (Non-Transmitting)

Transmitting in standby mode for the first two harmonics to measure local oscillator leakage. All other data taken while transmitting into a dummy load.

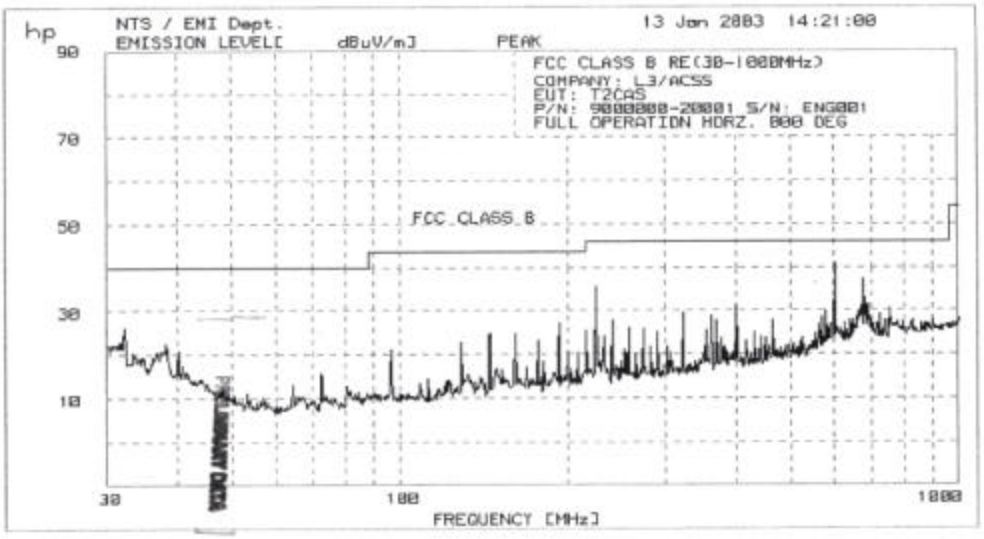

Figure 61: 4MCU, Radiated, Standby Mode, 30MHz-1GHz, 000 Deg, Horizontal

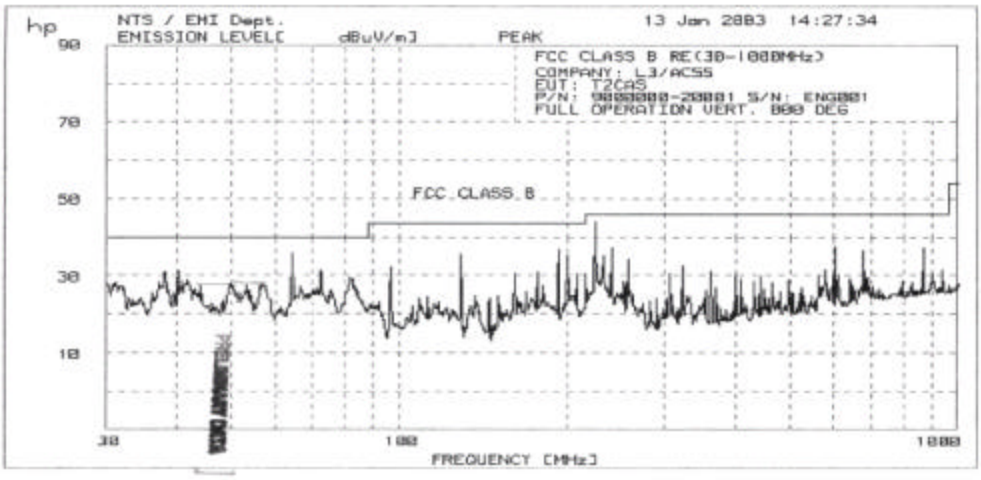

Figure 62: 4MCU, Radiated, Standby Mode, 30MHz-1GHz, 000 Deg, Vertical

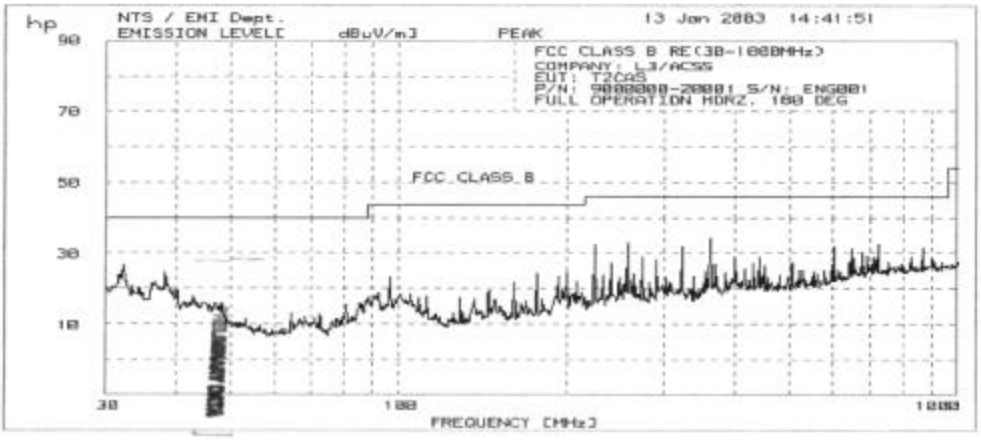

Figure 63: 4MCU, Radiated, Standby Mode, 30MHz-1GHz, 180 Deg, Horizontal

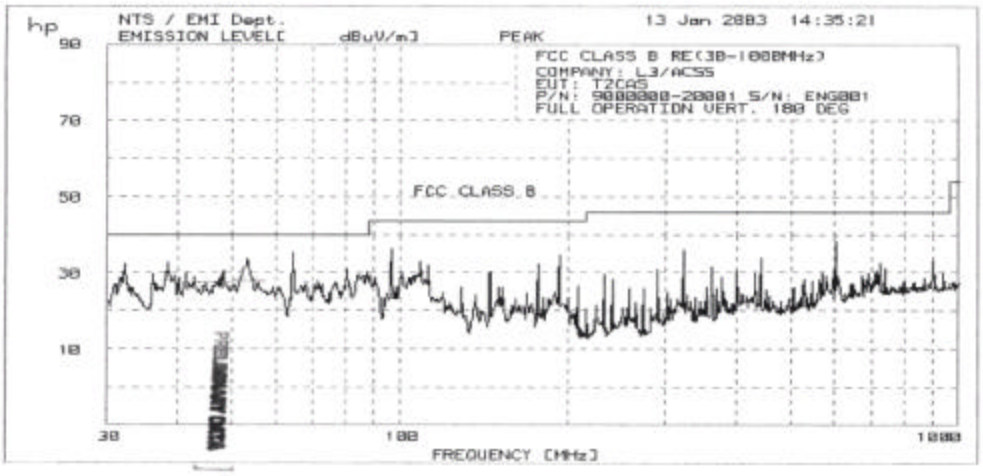

Figure 64: 4MCU, Radiated, Standby Mode, 30MHz-1GHz, 180 Deg, Vertical

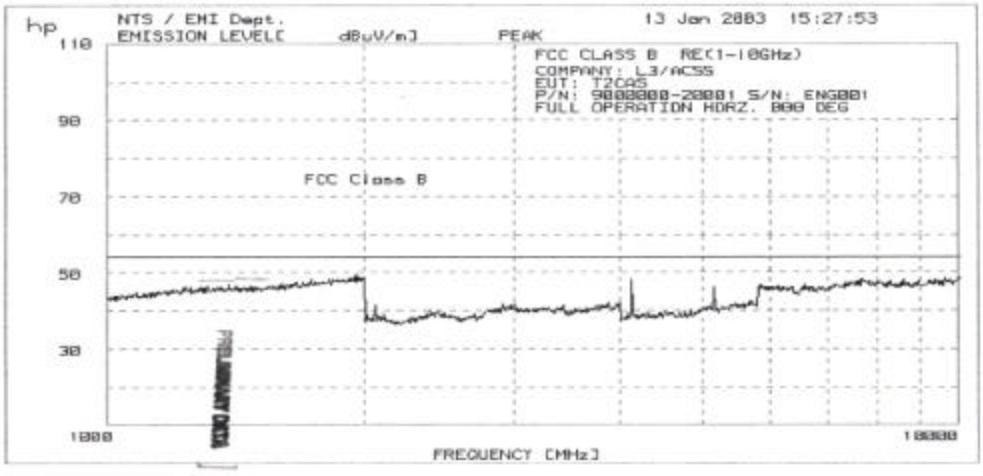

Figure 65: 4MCU, Radiated, Standby Mode, 1-10GHz, 000 Deg, Horizontal

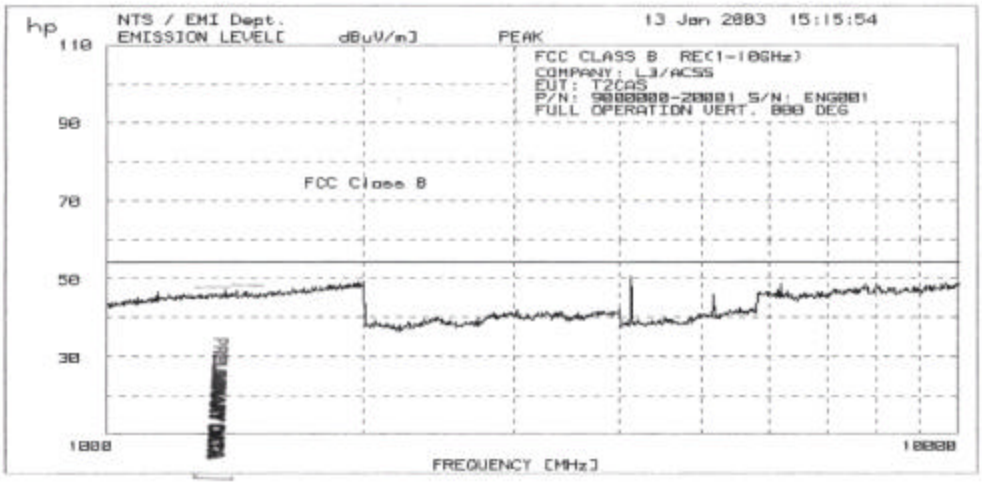

Figure 66: 4MCU, Radiated, Standby Mode, 1-10GHz, 000 Deg, Vertical

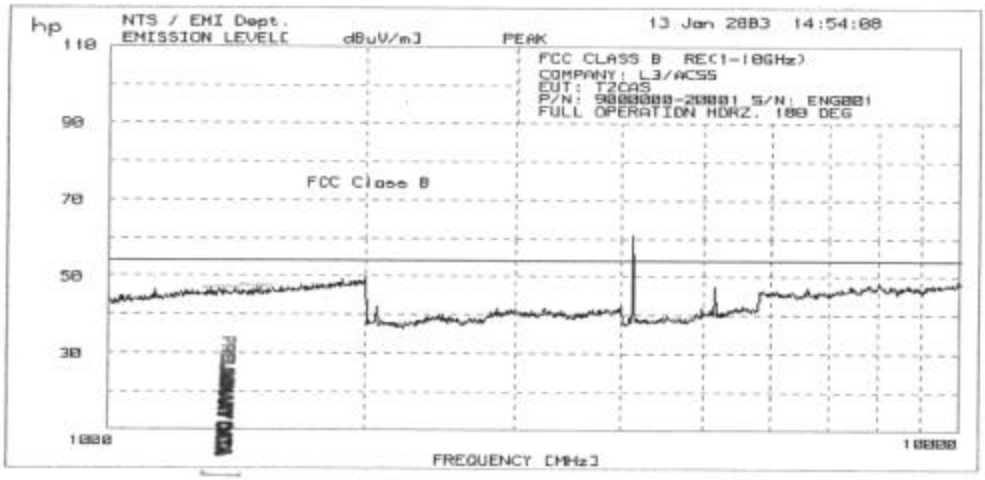

Figure 67: 4MCU, Radiated, Standby Mode, 1-10GHz, 180 Deg, Horizontal

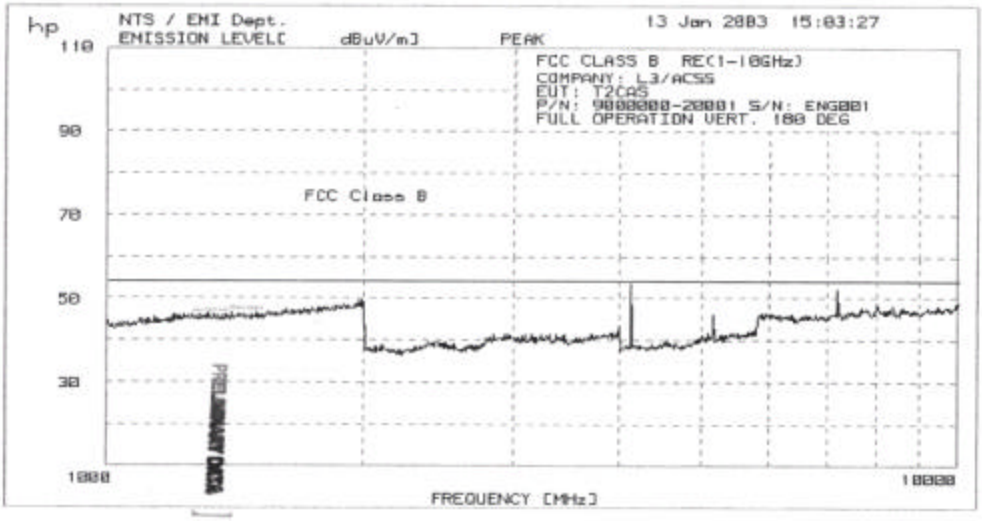

Figure 68: 4MCU, Radiated, Standby Mode, 1-10GHz, 180 Deg, Vertical

10 APPENDIX B: TT-951 (4MCU) CONDUCTED EMISSIONS

NTS (3)

CONDUCTED EMISSION TEST DATA SHEET

CUSTOMER: L3 COMMUNICATIONS	MJO NO.: 271-1729
TEST ITEM: TTCAS	P/N: 9000000-20001
MODEL:	S/N: ENG0001
TEST BY: MARK TRAIN	DATE: 12/4/02 PAGE OF
ENGINEER:	NTS QA / GOVT
SPECIFICATION: FCC Class B [redacted]	

CONDUCTED EMISSION (450 kHz - 30 MHz)
AC Power Leads - Voltage

Tested Line: HIGH

Frequency (MHz)	Actual Reading (dBµV)	Limits (dBµV)	Delta (dB)	Results (Pass/Fail)	Remarks
1.701	35.1	47.96	-12.86	PASS	
.5019	37.6	47.96	-10.36	PASS	
.9875	36.6	47.96	-11.36	PASS	
3.516	27.6	47.96	-20.36	PASS	
16.12	37.4	47.96	-10.56	PASS	
10.08	31.6	47.96	-16.36	PASS	

Tested Line: RETURN

Frequency (MHz)	Actual Reading (dBµV)	Limits (dBµV)	Delta (dB)	Results (Pass/Fail)	Remarks
1.23	35.1	47.96	-12.86	PASS	
.4998	41.7	47.96	-6.26	PASS	
16.06	42.1	47.96	-5.9	PASS	
10.09	40.9	47.96	-7.1	PASS	
3.606	40.8	47.96	-7.2	PASS	
9.716	38.8	47.96	-9.2	PASS	

Note: A *Quasi-Peak* detector **should** be used

Figure 69: 4MCU, Conducted Test Results

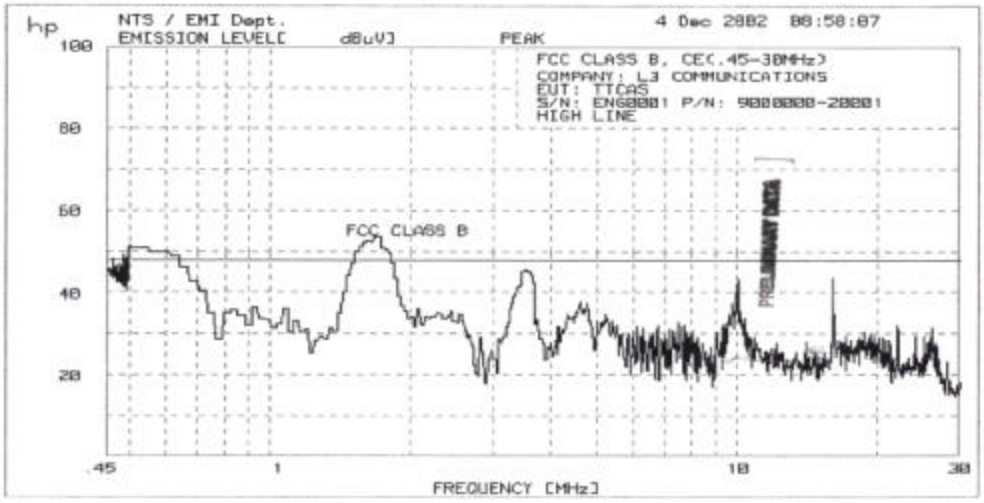

Figure 70: 4MCU, Conducted, High Line

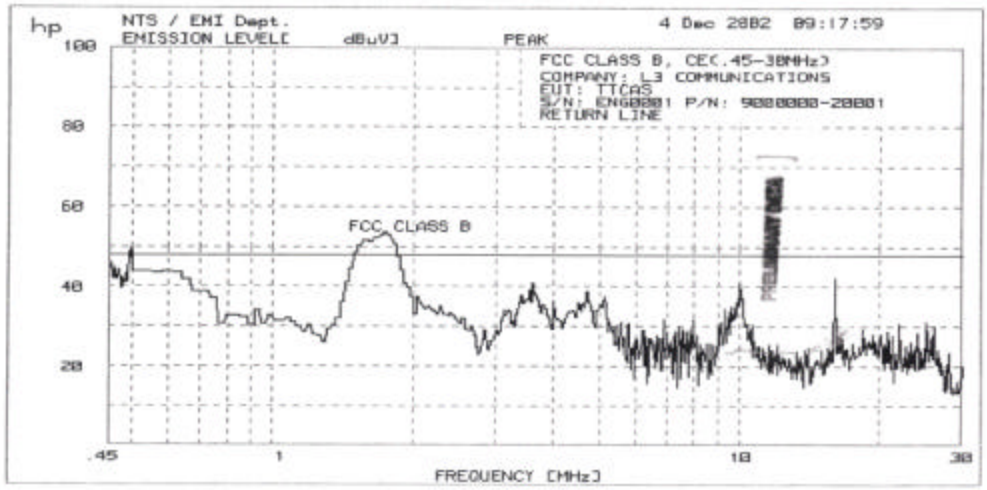

Figure 71: 4MCU, Conducted, Return Line