

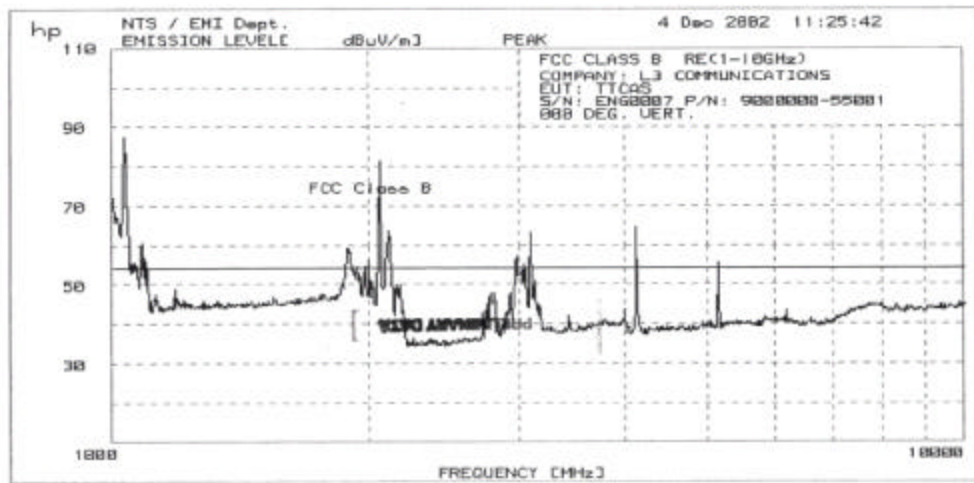


Figure 58: 4MCU, Radiated, Mode 2, 1-10GHz, 000 Deg, Vertical

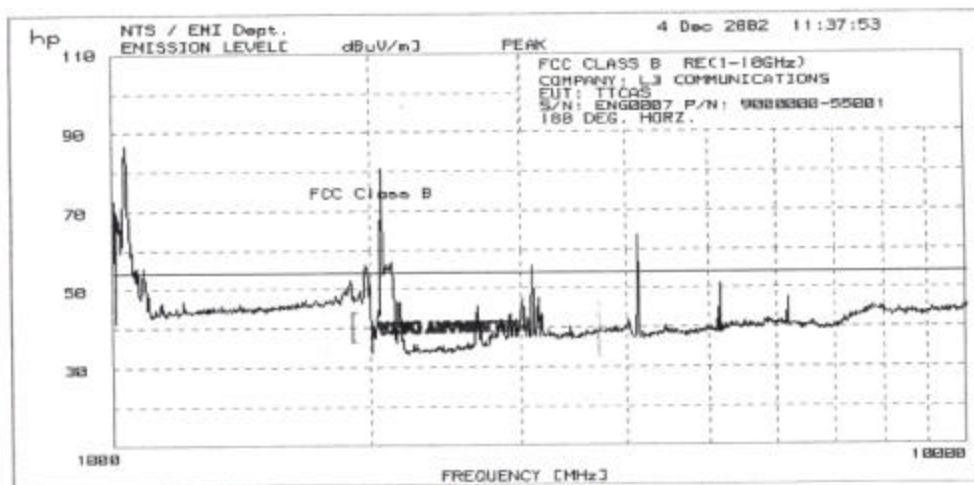


Figure 59: 4MCU, Radiated, Mode 2, 1-10GHz, 180 Deg, Horizontal

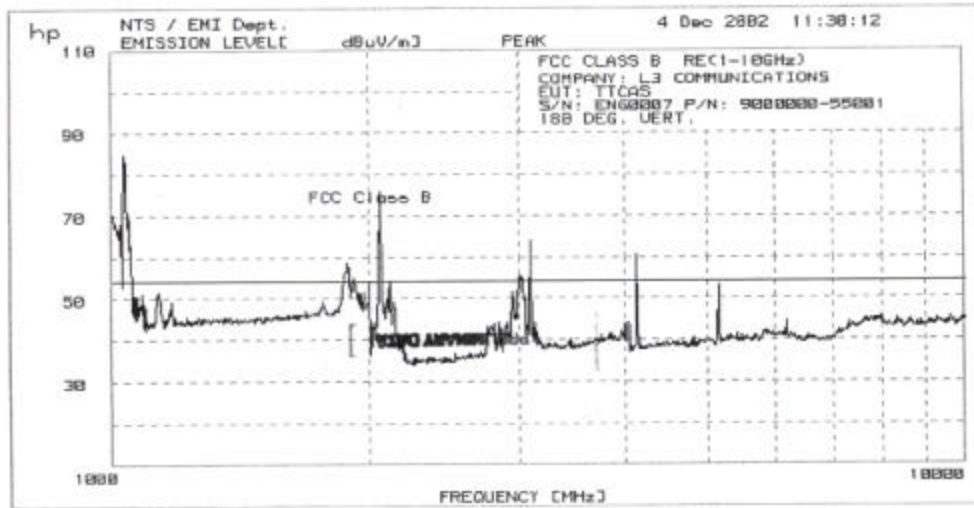


Figure 60: 4MCU, Radiated, Mode 2, 1-10GHz, 180 Deg, Vertical

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.

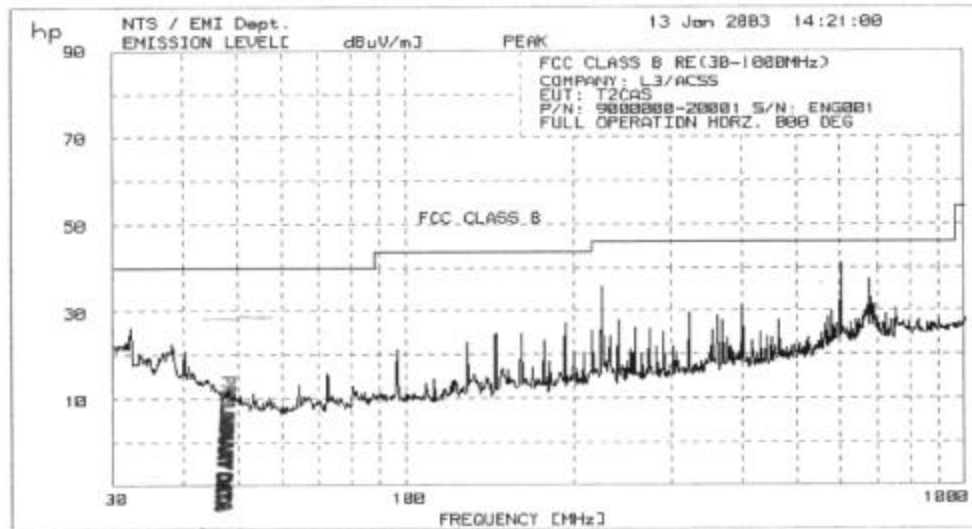


Figure 61: 4MCU, Radiated, Standby Mode, 30MHz-1GHz, 000 Deg, Horizontal

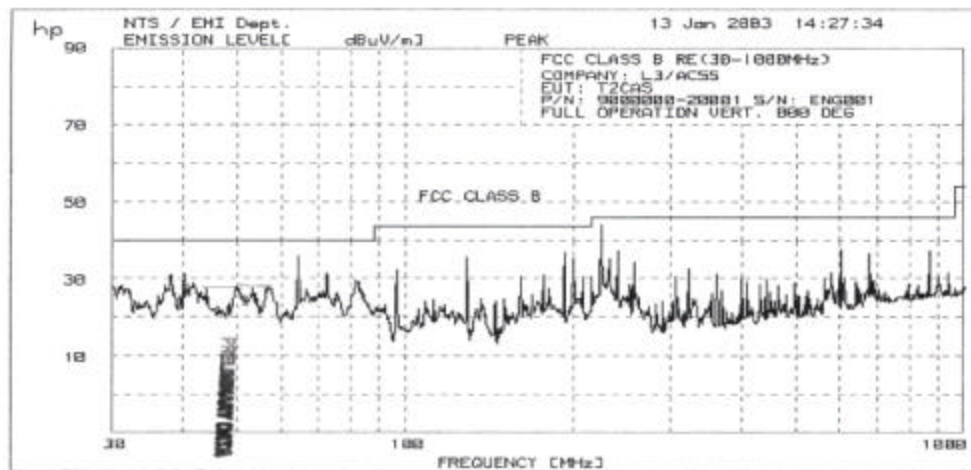


Figure 62: 4MCU, Radiated, Standby Mode, 30MHz-1GHz, 000 Deg, Vertical

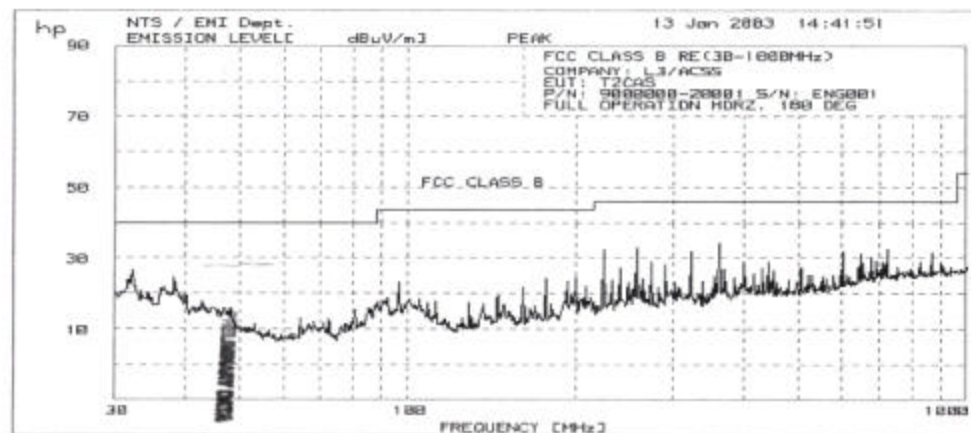


Figure 63: 4MCU, Radiated, Standby Mode, 30MHz-1GHz, 180 Deg, Horizontal

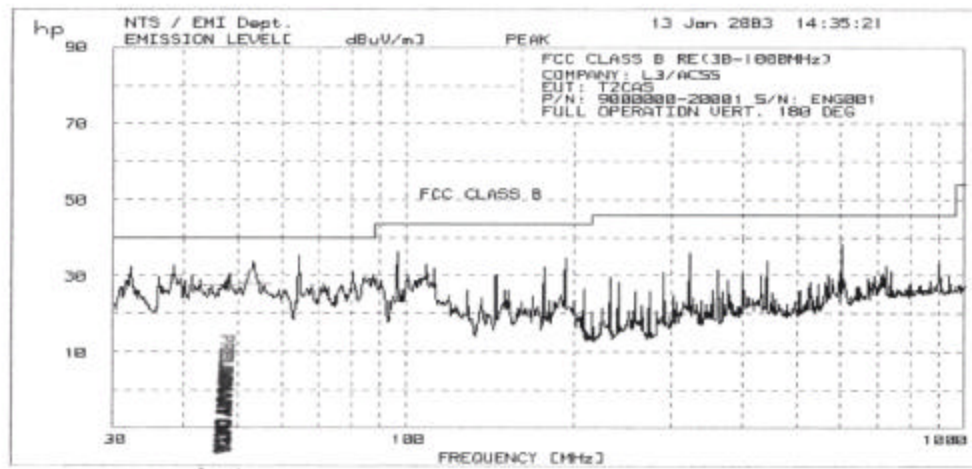


Figure 64: 4MCU, Radiated, Standby Mode, 30MHz-1GHz, 180 Deg, Vertical

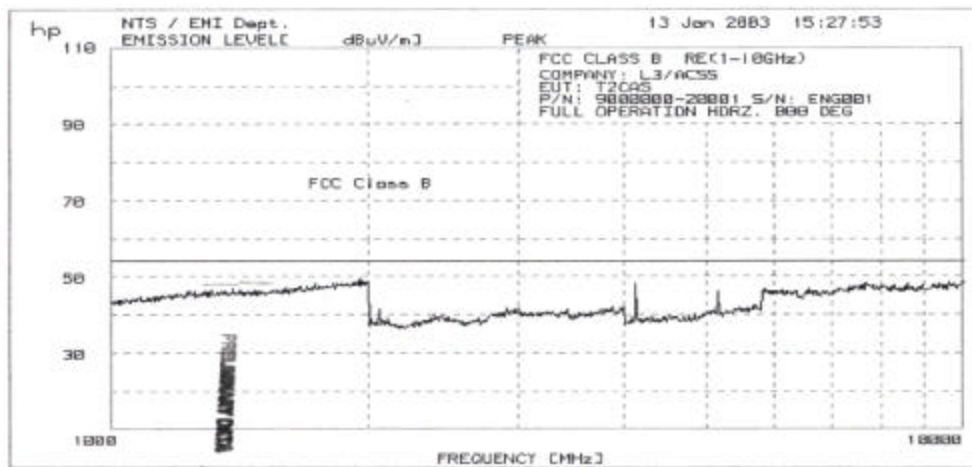


Figure 65: 4MCU, Radiated, Standby Mode, 1-10GHz, 000 Deg, Horizontal

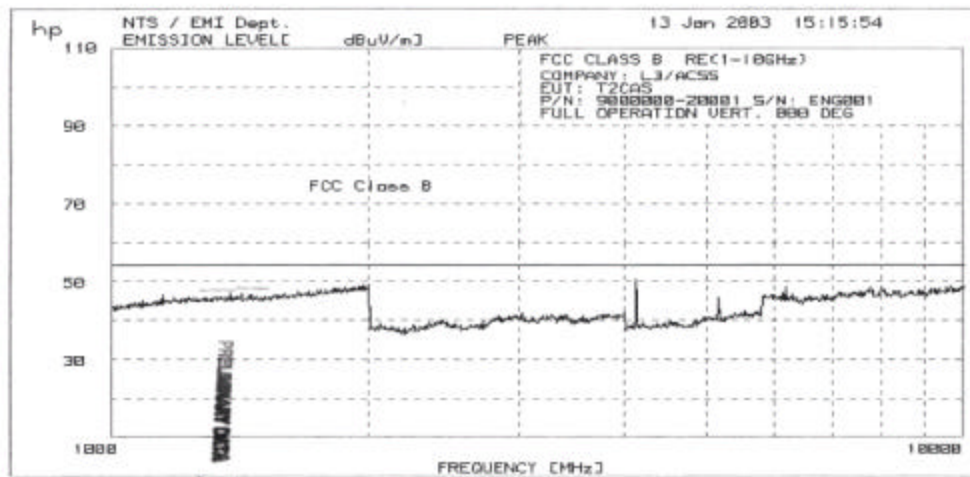


Figure 66: 4MCU, Radiated, Standby Mode, 1-10GHz, 000 Deg, Vertical

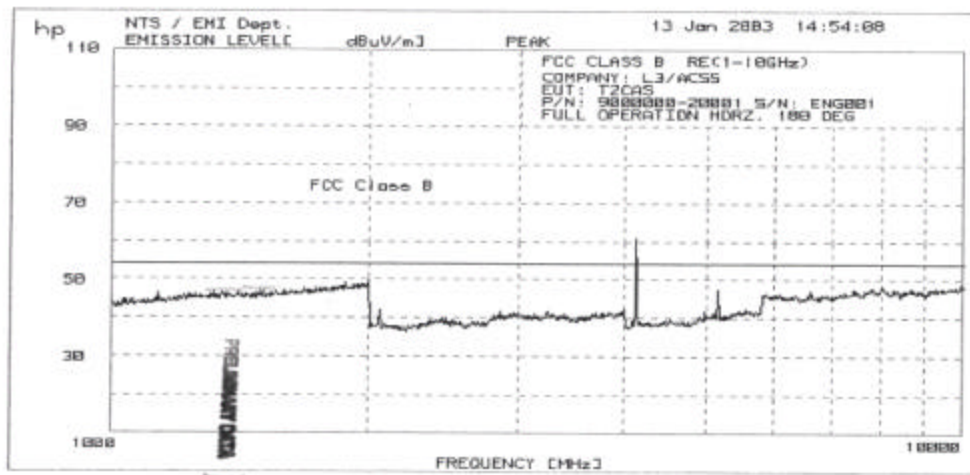


Figure 67: 4MCU, Radiated, Standby Mode, 1-10GHz, 180 Deg, Horizontal

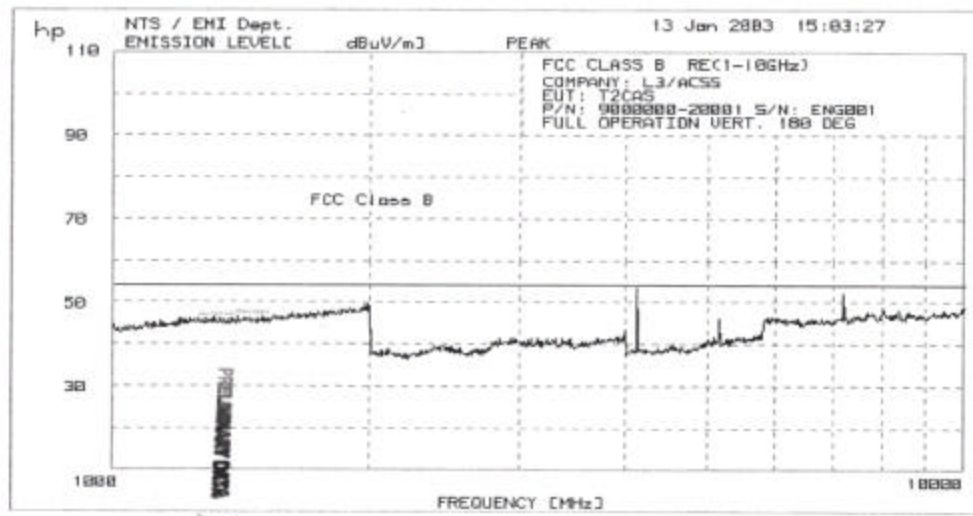
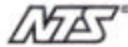


Figure 68: 4MCU, Radiated, Standby Mode, 1-10GHz, 180 Deg, Vertical

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



③

CONDUCTED EMISSION TEST DATA SHEET

CUSTOMER: L3 COMMUNICATIONS		MJO NO.: 271-1729			
TEST ITEM: TTCAS		P/N: 9000000-20001			
MODEL:		S/N: ENG-0001			
TEST BY: NARE TRAN		DATE: 12/4/02		PAGE OF	
ENGINEER:		NTS QA		GOVT	
SPECIFICATION: FCC Class 1B					
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
1.201	35.1	47.96	-12.86	PASS	
5.019	37.6	47.96	-10.36	PASS	
9.875	36.6	47.96	-11.36	PASS	
3.516	27.6	47.96	-20.36	PASS	
16.12	37.9	47.96	-10.06	PASS	
10.00	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	
4.998	41.7	47.96	-6.26	PASS	
16.06	42.1	47.96	-5.86	PASS	
10.09	40.9	47.96	-7.06	PASS	
3.606	40.8	47.96	-7.16	PASS	
4.716	38.8	47.96	-9.16	PASS	
Note: A Quasi-Peak detector should be used					

Figure 69: 4MCU, Conducted Test Results

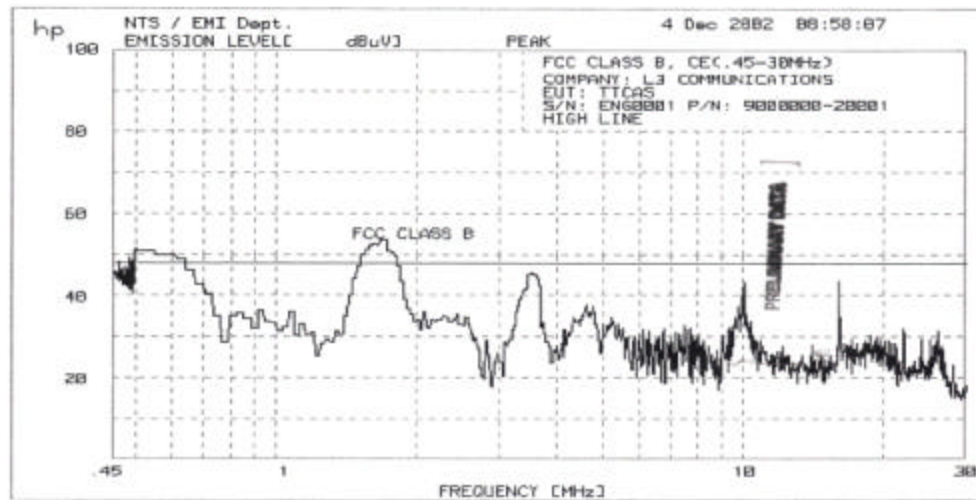


Figure 70: 4MCU, Conducted, High Line

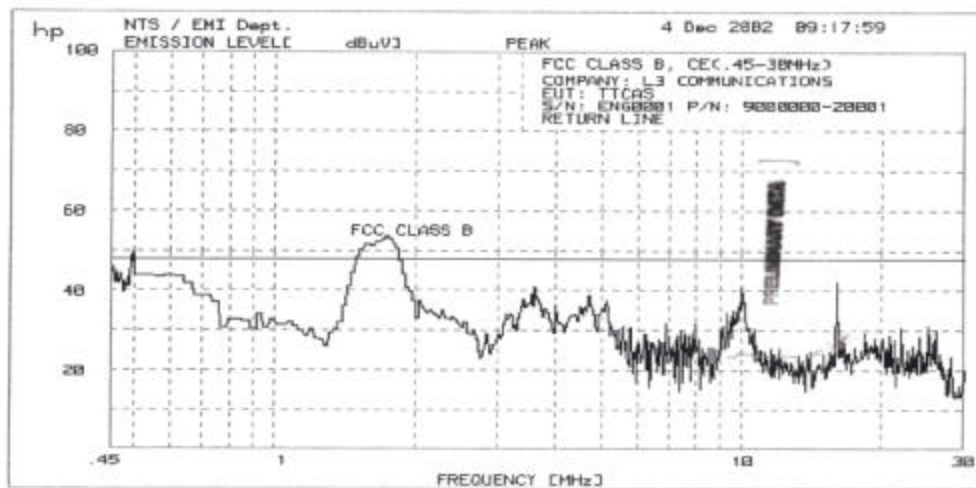


Figure 71: 4MCU, Conducted, Return Line