

Radiated Emissions Table							Curtis-Straus LLC		
Date: 19-Jul-02			Company: Microtek			Table 1			
Engineer: Evan Gould			EUT Desc: Minilink 5.8			Work Order: C0490			
Frequency Range: 30MHz-40GHz					Measurement Distance: 3 m				
Notes: Fundamental and 1/2 Fundamental measurements were taken with no modulation for worst-case readings (CW=continuous wave).					EUT Max Freq: 5858MHz				
Bandedge readings were taken using modulation.					Test Site: "T"				
No other spurious emissions were found within 20dB of the limit.									
Antenna Polarization (H / V)	Frequency (MHz)	Reading (dBµV)	Preamp Factor (dB)	Antenna Factor (dB/m)	Cable Factor (dB)	Adjusted Reading (dBµV/m)	47 CFR 15.249		
							Limit (dBµV/m)	Margin (dB)	Result (Pass/Fail)
Ch.1 1/2 Fund. CW pk	2870.6	39.3	24.4	31.4	1.6	47.9	54.0	-6.1	Pass
Ch.5 1/2 Fund. CW pk	2896.5	34.4	24.4	31.5	1.6	43.1	54.0	-10.9	Pass
Ch.10 1/2 Fund. CW pk	2929.0	43.5	24.4	31.5	1.6	52.2	54.0	-1.8	Pass
Ch.1 Fundamental; CW pk	5741.0	75.3	23.8	36.6	2.4	90.5	93.9	-3.4	Pass
Ch.5 Fundamental; CW pk	5793.0	73.5	23.7	36.7	2.4	88.9	93.9	-5.0	Pass
Ch.10 Fundamental; CW pk	5858.0	74.9	23.6	36.8	2.4	90.5	93.9	-3.4	Pass
lower band edge									
Ch.1 worst case modulated pk	5725.0	31.0	21.1	36.2	2.4	48.5	59.6	-11.1	Pass
Ch.1 worst case modulated avg	5725.0	22.1	21.1	36.2	2.4	39.6	54.0	-14.4	Pass
upper band edge									
Ch. 10 worst case modulated pk	5875.0	35.3	21.1	36.4	2.4	53.0	59.9	-6.9	Pass
Ch. 10 worst case modulated avg	5875.0	22.2	21.1	36.4	2.4	39.9	54.0	-14.1	Pass
Table Result: Pass by -1.8 dB Worst Freq: 2929.0 MHz									
30-1000MHz >>			Pre-Amp: Blue-Blk		Cable: 65 ft RG8A/U		Analyzer: Green		Antenna: Green