

10/21/05 **High Frequency Fundamental Measurement**
Compliance Certification Services, Morgan Hill 5m Chamber Site

Test Engr: Frank Ibrahim
Project #: 05U3601-1
Company: Sierra Wireless
EUT Descrip.: Express Mini PCI, USB Wireless CDMA modem module installed in M-Note Plastic laptop
EUT M/N: MC5720
Test Target: FCC Part 24
Mode Oper: TX ON, Laptop SN: SIVBV1B00000009

Test Equipment: (RBW=VBW=3MHz, No Preamp)

Receiving: Horn T73, and 12ft S/N: 197209005 (Setup this one for testing EUT)
Substitution: Horn T60 Substitution, 4ft SMA Cable Warehouse S/N: 177081002

f GHz	SA reading (dBuV/m)	Ant. Pol. (H/V)	SG reading (dBm)	CL (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Notes
1.851	87.9	H	10.7	0.9	8.3	18.1	33.0	-15.0	
1.851	86.6	V	9.2	0.9	8.3	16.6	33.0	-16.4	
1.880	87.0	H	10.2	0.9	8.3	17.6	33.0	-15.4	
1.880	87.7	V	10.0	0.9	8.3	17.5	33.0	-15.6	
1.909	84.0	H	7.4	0.9	8.4	14.9	33.0	-18.1	
1.909	84.0	V	7.0	0.9	8.4	14.5	33.0	-18.5	