

High Frequency Substitution Measurement

Test Engr:	Frank Ibrahim
Project #:	05U3601-1
Company:	Sierra Wireless
EUT Descr.:	Express Mini PCI, USB Wireless CDMA modem module installed in M-Note Metal laptop
EUT M/N:	MC5720
Test Target:	FCC Part 22
Mode Oper:	TX ON, Laptop SN: SIVBV1B400000074

Receiving: Sunol T122, and 5m Chamber N-type Cable (Setup this one for testing EUT)
Substitution: Dipole S/N: 00022117, and 4ft SMA Cable Warehouse S/N: 177081002

f MHz	SA reading (dBuV/m)	Ant. Pol. (H/V)	SG reading (dBm)	CL (dB)	Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)	Notes
824.70	93.8	V	16.9	0.5	0.0	16.4	38.5	-22.0	
824.70	93.4	H	15.0	0.5	0.0	14.5	38.5	-23.9	
836.50	93.6	V	17.6	0.6	0.0	17.0	38.5	-21.5	
836.50	94.9	H	16.7	0.6	0.0	16.1	38.5	-22.3	
848.30	91.9	V	16.5	0.7	0.0	15.8	38.5	-22.7	
848.30	94.1	H	16.0	0.7	0.0	15.3	38.5	-23.1	