

High Frequency Substitution Measurement

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 22
Mode Oper:	TX ON, Laptop SN: SIVBV1B00000009

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	94.3	V	17.3	0.5	0.0	16.8	38.5	-21.6	
824.70	99.0	H	20.7	0.5	0.0	20.2	38.5	-18.2	
836.50	95.6	V	19.6	0.6	0.0	19.0	38.5	-19.5	
836.50	98.5	H	20.3	0.6	0.0	19.7	38.5	-18.7	
848.30	95.6	V	20.2	0.7	0.0	19.5	38.5	-18.9	
848.30	96.5	H	18.4	0.7	0.0	17.7	38.5	-20.7	