Elliott

EMC Test Data

Client:	Handspring	Job Number:	J44013
Model:	Shea	T-Log Number:	T44028
		Proj Eng:	Mark Briggs
Contact:	David Waitt		
Spec:	FCC 24E and ETS 300 342-3	Class:	N/A

FCC Frequency Stability

Test Specifics

Objective: The objective of this test session is to perform engineering evaluation testing of the EUT with respect to the specification listed above.

Date of Test:	7/10/01	Config. Used:	1
Test Engineer:	jmartinez	Config Change:	None
Test Location:	Environmental Chamber	EUT Voltage:	120V/60Hz

General Test Configuration

The all local support equipment were located outside the Environmental Chamber. EUT was place inside the Environmental Chamber to be tested from -30 to +50 degress celcius.

For AC operated units the voltage was varied to 85% and to 115% of the nomial voltage. Test was performed at room temperature

For DC operated units the voltage was reduce to find the battery end point. Test was perform at room temperature.

Ambient Conditions:

Temperature: N/A

Rel. Humidity: N/A

Summary of Results

Run #	Test Performed	Limit	Result	Comment	
1	Temperature Vs. Frequency	FCC 24.235	Pass		
2	Voltage Vs. Frequency	FCC 24.235	Pass		
3	Voltage Vs. Frequency	FCC 24.235	Pass		

Modifications Made During Testing:

No modifications were made to the EUT during testing

Deviations From The Standard

No deviations were made from the requirements of the standard.

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Run# 1: Temperature Vs. Frequency
Frequency: 1850.2 MHz

Temp(Cels	Drift (Hz)	Limit (kHz)
-30	0	N/A
-20	0	N/A
-10	0	N/A
0	0	N/A
10	0	N/A
20	0	N/A
30	0	N/A
40	0	N/A
50	0	N/A

Run# 2: Voltage Vs. Frequency
Frequency: 1850.2 MHz

Reduction	Drift	Limit
(%)	(Hz)	(kHz)
85	0	N/A
115	0	N/A

Run# 3: Voltage Vs. Frequency

Battery End-point is **3.4Vdc**. This is stated in the user manual specification. No drift was measure as DC voltage was reduced.