

Exhibit S: Frequency Stability

FCC ID: HN2WN-5MP01

Test: Frequency Stability
Test Facility: Intermec Everett OATS
Test Engineer: Carl K. Turk
Test Date: 20-Jun-02

EUT: WN-5MP01 (5 GHz Transceiver) (Host Device: WA22)
Test Standard: FCC Parts 15.407(g), 2.1055

Ambient Temperature: 65 deg (F)
Relative Humidity: 60%
Operation Band: 5.150 - 5.350 GHz

Frequencies Tested:	5.180 GHz	5.240 GHz	5.320 GHz					
Temperatures Tested:	-20 deg C	-10 deg C	0 deg C	10 deg C	20 deg C	30 deg C	40 deg C	55 deg C
Voltages Tested:	102 VAC	120 VAC	138 VAC					

Criteria: +/- 100 ppm, signal must remain within authorized band

Temperature Stability Test Results

Temp. (deg C)	Meas. Freq. (GHz)	Error (Hz)	Pass / Fail
Channel 1 (5.180 GHz)			
-20	5.180155	155000	P
-10	5.180052	52000	P
0	5.180114	114000	P
10	5.180125	125000	P
20	5.180256	256000	P
30	5.180048	48000	P
40	5.180145	145000	P
55	5.180132	132000	P
Channel 2 (5.240 GHz)			
-20	5.240165	165000	P
-10	5.240184	184000	P
0	5.240075	75000	P
10	5.240124	124000	P
20	5.240088	88000	P
30	5.240116	116000	P
40	5.240073	73000	P
55	5.240118	118000	P
Channel 3 (5.320 GHz)			
-20	5.320231	231000	P
-10	5.320184	184000	P
0	5.320115	115000	P
10	5.320086	86000	P
20	5.320147	147000	P
30	5.320183	183000	P
40	5.320154	154000	P
55	5.320226	226000	P

Voltage Stability Test Results

Voltage (VAC)	Meas. Freq. (GHz)	Error (Hz)	Pass / Fail
Channel 1 (5.180 GHz)			
102	5.180212	212000	P
120	5.179946	54000	P
138	5.180142	142000	P
Channel 2 (5.240 GHz)			
102	5.240156	156000	P
120	5.240182	182000	P
138	5.240087	87000	P
Channel 3 (5.320 GHz)			
102	5.320134	134000	P
120	5.320148	148000	P
138	5.320061	61000	P