

RADIATED EMISSIONS



Test Report #: WC806674 Run 1 Test Area: LTS

EUT Model #: 0746 Date: 8/5/2008

EUT Serial #: 2580108 EUT Power: 12 VDC Temperature: 21.0 °C

Test Method: FCC B Air Pressure: 98.0 kPa

Customer: Hunt Technologies Rel. Humidity: 74.0 %

EUT Description: Focus AX with Zigbee

Notes: _____

Data File Name: 6674.dat

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List of measurements for run #: 1

FREQ	LEVEL (dBuV)	CABLE / ANT / PREAMP / ATTEN / DUTY CYCLE (dB)	FINAL (dBuV / m)	POL / HGT / AZ (m)(DEG)	DELTA1 FCC B >1G 3 M peak	DELTA2 FCC B >1GHz 3m ave
middle channel - continuous transmitting - pulsed duty cycle relaxation = 11.3 dB - antenna 1						
4.892 GHz	53.6 Pk	9.65 / 32.96 / 43.62 / 0.63 / 0	53.22	V / 1.00 / 0	-20.78	n/a
4.892 GHz	44.87 Av	9.65 / 32.96 / 43.6 / .6 / 11.3	33.18	V / 1.00 / 0	n/a	-20.82
7.335 GHz	57.3 Pk	13.2 / 36.19 / 43.19 / 1.22 / 0	64.73	V / 1.00 / 0	-9.27	n/a
7.335 GHz	47.5 Av	13.2 / 36.1 / 43.19 / 1.2 / 11.3	43.63	V / 1.00 / 0	n/a	-10.37
4.892 GHz	54.5 Pk	9.65 / 32.96 / 43.62 / 0.63 / 0	54.12	V / 1.00 / 180	-19.88	n/a
4.892 GHz	45.99 Av	9.65 / 32.96 / 43.6 / .63 / 11.3	34.3	V / 1.00 / 180	n/a	-19.7
7.335 GHz	58.2 Pk	13.2 / 36.19 / 43.19 / 1.22 / 0	65.63	V / 1.00 / 270	-8.37	n/a
7.338 GHz	48.0 Av	13.2 / 36.1 / 43.1 / 1.2 / 11.3	44.14	V / 1.00 / 270	n/a	-9.86
7.335 GHz	60.4 Pk	13.2 / 36.19 / 43.19 / 1.22 / 0	67.83	V / 1.30 / 330	-6.17	n/a
7.335 GHz	49.2 Av	13.2 / 36.1 / 43.1 / 1.2 / 11.3	45.33	V / 1.30 / 330	n/a	-8.67
low channel						
4.81 GHz	56.2 Pk	9.52 / 32.78 / 43.55 / 0.58 / 0	55.53	V / 1.30 / 330	-18.47	n/a
4.812 GHz	46.4 Av	9.5 / 32.79 / 43.5 / .58 / 11.3	34.43	V / 1.30 / 330	n/a	-19.57
7.215 GHz	59.1 Pk	13.07 / 36.03 / 43.1 / 1.28 / 0	66.37	V / 1.30 / 330	-7.63	n/a
7.218 GHz	49.3 Av	13.0 / 36.0 / 43.1 / 1.2 / 11.3	45.27	V / 1.30 / 330	n/a	-8.73
no harmonics seen on high channel						
switched to antenna 2						
4.892 GHz	54.3 Pk	9.65 / 32.96 / 43.62 / 0.63 / 0	53.92	V / 1.00 / 0	-20.08	n/a
4.892 GHz	44.1 Av	9.65 / 32.96 / 43.6 / .6 / 11.3	32.41	V / 1.00 / 0	n/a	-21.59
7.338 GHz	51.3 Pk	13.2 / 36.19 / 43.19 / 1.22 / 0	58.73	V / 1.00 / 0	-15.27	n/a
7.335 GHz	40.5 Av	13.2 / 36.1 / 43.19 / 1.2 / 11.3	36.63	V / 1.00 / 0	n/a	-17.37
7.338 GHz	52.2 Pk	13.2 / 36.19 / 43.19 / 1.22 / 0	59.63	V / 1.00 / 180	-14.37	n/a
7.335 GHz	42.3 Av	13.2 / 36.1 / 43.19 / 1.2 / 11.3	38.43	V / 1.00 / 180	n/a	-15.57
4.89 GHz	55.1 Pk	9.64 / 32.96 / 43.62 / 0.63 / 0	54.71	V / 1.00 / 90	-19.29	n/a
4.892 GHz	45.4 Av	9.65 / 32.96 / 43.6 / .63 / 11.3	33.71	V / 1.00 / 90	n/a	-20.29
7.335 GHz	56.6 Pk	13.2 / 36.19 / 43.19 / 1.22 / 0	64.03	V / 1.50 / 110	-9.97	n/a
7.338 GHz	46.6 Av	13.2 / 36.1 / 43.19 / 1.2 / 11.3	42.73	V / 1.50 / 110	n/a	-11.27

Tested by: J. T. Schneider _____

Printed Signature

Reviewed by: _____

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no higher readings on low or high channels						
scanned 1-25 GHz, v & h, 3 m, 1-4 m high, 360 deg						
Peak = 1 MHz rbw/vbw - Average = 1 MHz rbw / 10 Hz vbw						

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Measurement summary for limit1: FCC B >1G 3 M peak (Pk)

FREQ	LEVEL (dBuV)	CABLE / ANT / PREAMP / ATTEN / DUTY CYCLE (dB)	FINAL (dBuV / m)	POL / HGT / AZ (m)(DEG)	DELTA1 FCC B >1G 3 M peak
7.335 GHz	60.4 Pk	13.2 / 36.19 / 43.19 / 1.22 / 0	67.83	V / 1.30 / 330	-6.17
7.215 GHz	59.1 Pk	13.07 / 36.03 / 43.1 / 1.28 / 0	66.37	V / 1.30 / 330	-7.63
7.338 GHz	52.2 Pk	13.2 / 36.19 / 43.19 / 1.22 / 0	59.63	V / 1.00 / 180	-14.37
4.81 GHz	56.2 Pk	9.52 / 32.78 / 43.55 / 0.58 / 0	55.53	V / 1.30 / 330	-18.47
4.89 GHz	55.1 Pk	9.64 / 32.96 / 43.62 / 0.63 / 0	54.71	V / 1.00 / 90	-19.29
4.892 GHz	54.5 Pk	9.65 / 32.96 / 43.62 / 0.63 / 0	54.12	V / 1.00 / 180	-19.88

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Printed Signature

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Measurement summary for limit2: FCC B >1GHz 3m ave (Av)

FREQ	LEVEL (dBuV)	CABLE / ANT / PREAMP / ATTEN / DUTY CYCLE (dB)	FINAL (dBuV / m)	POL / HGT / AZ (m)(DEG)	DELTA2 FCC B >1GHz 3m ave
7.335 GHz	49.2 Av	13.2 / 36.1 / 43.1 / 1.2 / 11.3	45.33	V / 1.30 / 330	-8.67
7.218 GHz	49.3 Av	13.0 / 36.0 / 43.1 / 1.2 / 11.3	45.27	V / 1.30 / 330	-8.73
7.338 GHz	48.0 Av	13.2 / 36.1 / 43.1 / 1.2 / 11.3	44.14	V / 1.00 / 270	-9.86
4.812 GHz	46.4 Av	9.5 / 32.79 / 43.5 / .58 / 11.3	34.43	V / 1.30 / 330	-19.57
4.892 GHz	45.99 Av	9.65 / 32.96 / 43.6 / .63 / 11.3	34.3	V / 1.00 / 180	-19.7

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