

RADIATED EMISSIONS



Test Report #: WC605425 Run 1 Test Area: LTS

EUT Model #: 677 Focus Date: 10/6/2006

EUT Serial #: 53106070 EUT Power: 60 Hz / 220 VAC Temperature: 23.0 °C

Test Method: FCC 15.247 Air Pressure: 99.0 kPa

Customer: Hunt Technology Rel. Humidity: 35.0 %

EUT Description: Power meter transmitter

Limited modular.

Notes:

Data File Name: 5425.dat

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List of measurements for run #: 1

FREQ	LEVEL (dBuV)	CABLE / ANT / PREAMP / ATTEN (dB)	FINAL (dBuV / m)	POL / HGT / AZ (m)(DEG)	DELTA1	DELTA2
909.542 MHz	88.28 Qp	2.51 / 22.32 / 0.0 / 0.0	113.11	H / 1.88 / 19	n/a	n/a
909.542 MHz	87.45 Qp	2.51 / 22.32 / 0.0 / 0.0	112.28	V / 1.22 / 352	n/a	n/a
921.734 MHz	92.33 Qp	2.53 / 22.5 / 0.0 / 0.0	117.35	V / 1.10 / 276	n/a	n/a
921.734 MHz	87.17 Qp	2.53 / 22.5 / 0.0 / 0.0	112.19	H / 1.00 / 347	n/a	n/a
915.991 MHz	86.14 Qp	2.52 / 22.41 / 0.0 / 0.0	111.07	H / 1.00 / 345	n/a	n/a
915.991 MHz	87.37 Qp	2.52 / 22.41 / 0.0 / 0.0	112.3	V / 1.00 / 15	n/a	n/a
-20dBc Limit for spurious and harmonics will be 97.35 dBuV						
1.832 GHz	91.55 Pk	4.04 / 26.99 / 50.55 / 0.61	72.64	V / 1.00 / 15	n/a	n/a
1.832 GHz	80.5 Pk	4.04 / 26.99 / 50.55 / 0.61	61.59	H / 1.00 / 15	n/a	n/a
2.748 GHz	60.35 Pk	4.61 / 29.42 / 49.65 / 0.3	45.02	H / 1.00 / 0	n/a	n/a
2.748 GHz	62.9 Pk	4.61 / 29.42 / 49.65 / 0.3	47.57	V / 1.00 / 0	n/a	n/a
3.664 GHz	45.95 Pk	5.41 / 31.49 / 48.67 / 0.52	34.7	V / 1.00 / 0	n/a	n/a
3.664 GHz	51.35 Pk	5.41 / 31.49 / 48.67 / 0.52	40.1	H / 1.00 / 0	n/a	n/a
4.58 GHz	39.7 Pk	6.01 / 32.21 / 47.69 / 0.5	30.72	H / 1.00 / 0	n/a	n/a
4.58 GHz	42.35 Pk	6.01 / 32.21 / 47.69 / 0.5	33.37	V / 1.00 / 0	n/a	n/a
5.496 GHz	41.75 Pk	6.84 / 33.41 / 46.71 / 0.75	36.04	H / 1.00 / 0	n/a	n/a
5.496 GHz	37.8 Pk	6.84 / 33.41 / 46.71 / 0.75	32.09	V / 1.00 / 0	n/a	n/a
7.328 GHz	41.2 Pk	8.07 / 35.82 / 47.09 / 0.91	38.9	V / 1.00 / 0	n/a	n/a
7.328 GHz	39.5 Pk	8.07 / 35.82 / 47.09 / 0.0	37.2	H / 1.00 / 0	n/a	n/a
8.244 GHz	37.9 Pk	8.84 / 36.85 / 46.95 / 0.74	37.38	H / 1.00 / 0	n/a	n/a
8.244 GHz	37.7 Pk	8.84 / 36.85 / 46.95 / 0.74	37.18	V / 1.00 / 0	n/a	n/a
9.16 GHz	37.4 Pk	9.69 / 37.4 / 46.65 / 0.51	38.35	V / 1.00 / 0	n/a	n/a
9.16 GHz	39.0 Pk	9.69 / 37.4 / 46.65 / 0.51	39.95	H / 1.00 / 0	n/a	n/a
1.819 GHz	71.05 Pk	4.04 / 26.91 / 50.52 / 0.6	52.07	H / 1.00 / 0	n/a	n/a
1.819 GHz	66.3 Pk	4.04 / 26.91 / 50.52 / 0.6	47.32	V / 1.00 / 0	n/a	n/a
2.729 GHz	67.45 Pk	4.57 / 29.38 / 49.68 / 0.3	52.03	V / 1.00 / 0	n/a	n/a
2.729 GHz	67.6 Pk	4.57 / 29.38 / 49.68 / 0.3	52.18	H / 1.00 / 0	n/a	n/a

Tested by: J. C. Sausen

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J C Sausen

Signature

Reviewed by: Greg Jakubowski

by:

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G Jakubowski

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FREQ	LEVEL (dBuV)	CABLE / ANT / PREAMP / ATTEN (dB)	FINAL (dBuV / m)	POL / HGT / AZ (m)(DEG)	DELTA1	DELTA2
3.638 GHz	48.35 Pk	5.39 / 31.43 / 48.7 / 0.51	36.99	H / 1.00 / 0	n/a	n/a
3.638 GHz	47.45 Pk	5.39 / 31.43 / 48.7 / 0.51	36.09	V / 1.00 / 0	n/a	n/a
4.548 GHz	40.15 Pk	5.98 / 32.16 / 47.72 / 0.48	31.06	V / 1.00 / 0	n/a	n/a
4.548 GHz	42.2 Pk	5.98 / 32.16 / 47.72 / 0.48	33.11	H / 1.00 / 0	n/a	n/a
5.457 GHz	41.45 Pk	6.8 / 33.36 / 46.75 / 0.74	35.59	V / 1.00 / 0	n/a	n/a
5.457 GHz	43.55 Pk	6.8 / 33.36 / 46.75 / 0.74	37.69	H / 1.00 / 0	n/a	n/a
6.367 GHz	40.3 Pk	7.56 / 34.55 / 46.34 / 0.83	36.91	H / 1.00 / 0	n/a	n/a
6.367 GHz	41.3 Pk	7.56 / 34.55 / 46.34 / 0.83	37.91	V / 1.00 / 0	n/a	n/a
7.276 GHz	40.95 Pk	8.04 / 35.75 / 47.05 / 0.88	38.57	V / 1.00 / 0	n/a	n/a
7.276 GHz	41.5 Pk	8.04 / 35.75 / 47.05 / 0.88	39.12	H / 1.00 / 0	n/a	n/a
8.186 GHz	41.3 Pk	8.78 / 36.81 / 46.97 / 0.75	40.68	H / 1.00 / 0	n/a	n/a
8.186 GHz	38.85 Pk	8.78 / 36.81 / 46.97 / 0.75	38.23	V / 1.00 / 0	n/a	n/a
9.096 GHz	37.75 Pk	9.67 / 37.36 / 46.67 / 0.52	38.63	V / 1.00 / 0	n/a	n/a
9.096 GHz	38.6 Pk	9.67 / 37.36 / 46.67 / 0.52	39.48	H / 1.00 / 0	n/a	n/a
1.843 GHz	84.2 Pk	4.04 / 27.06 / 50.56 / 0.62	65.35	V / 1.00 / 0	n/a	n/a
1.843 GHz	81.1 Pk	4.04 / 27.06 / 50.56 / 0.62	62.25	H / 1.00 / 0	n/a	n/a
2.765 GHz	66.35 Pk	4.63 / 29.45 / 49.64 / 0.3	51.09	H / 1.00 / 0	n/a	n/a
2.765 GHz	67.95 Pk	4.63 / 29.45 / 49.64 / 0.3	52.69	V / 1.00 / 0	n/a	n/a
3.687 GHz	45.2 Pk	5.42 / 31.55 / 48.65 / 0.53	34.05	V / 1.00 / 0	n/a	n/a
3.687 GHz	42.4 Pk	5.42 / 31.55 / 48.65 / 0.53	31.25	H / 1.00 / 0	n/a	n/a
4.609 GHz	43.0 Pk	6.03 / 32.24 / 47.66 / 0.5	34.12	H / 1.00 / 0	n/a	n/a
4.609 GHz	39.7 Pk	6.03 / 32.24 / 47.66 / 0.5	30.82	V / 1.00 / 0	n/a	n/a
5.531 GHz	41.8 Pk	6.89 / 33.45 / 46.67 / 0.75	36.22	V / 1.00 / 0	n/a	n/a
5.531 GHz	44.45 Pk	6.89 / 33.45 / 46.67 / 0.75	38.87	H / 1.00 / 0	n/a	n/a
6.452 GHz	41.85 Pk	7.6 / 34.67 / 46.41 / 0.81	38.53	H / 1.00 / 0	n/a	n/a
6.452 GHz	40.5 Pk	7.6 / 34.67 / 46.41 / 0.81	37.18	V / 1.00 / 0	n/a	n/a
7.374 GHz	40.75 Pk	8.09 / 35.88 / 47.13 / 0.94	38.53	V / 1.00 / 0	n/a	n/a

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7.374 GHz	41.95 Pk	8.09 / 35.88 / 47.13 / 0.94	39.73	H / 1.00 / 0	n/a	n/a
8.296 GHz	37.95 Pk	8.9 / 36.88 / 46.93 / 0.73	37.52	H / 1.00 / 0	n/a	n/a
8.296 GHz	41.4 Pk	8.9 / 36.88 / 46.93 / 0.73	40.97	V / 1.00 / 0	n/a	n/a
9.217 GHz	38.3 Pk	9.72 / 37.43 / 46.63 / 0.5	39.32	V / 1.00 / 0	n/a	n/a
9.217 GHz	38.35 Pk	9.72 / 37.43 / 46.63 / 0.5	39.37	H / 1.00 / 0	n/a	n/a

No further significant EUT spurious emissions detected 30 MHz to 9.2 GHz, vert and hor ant.

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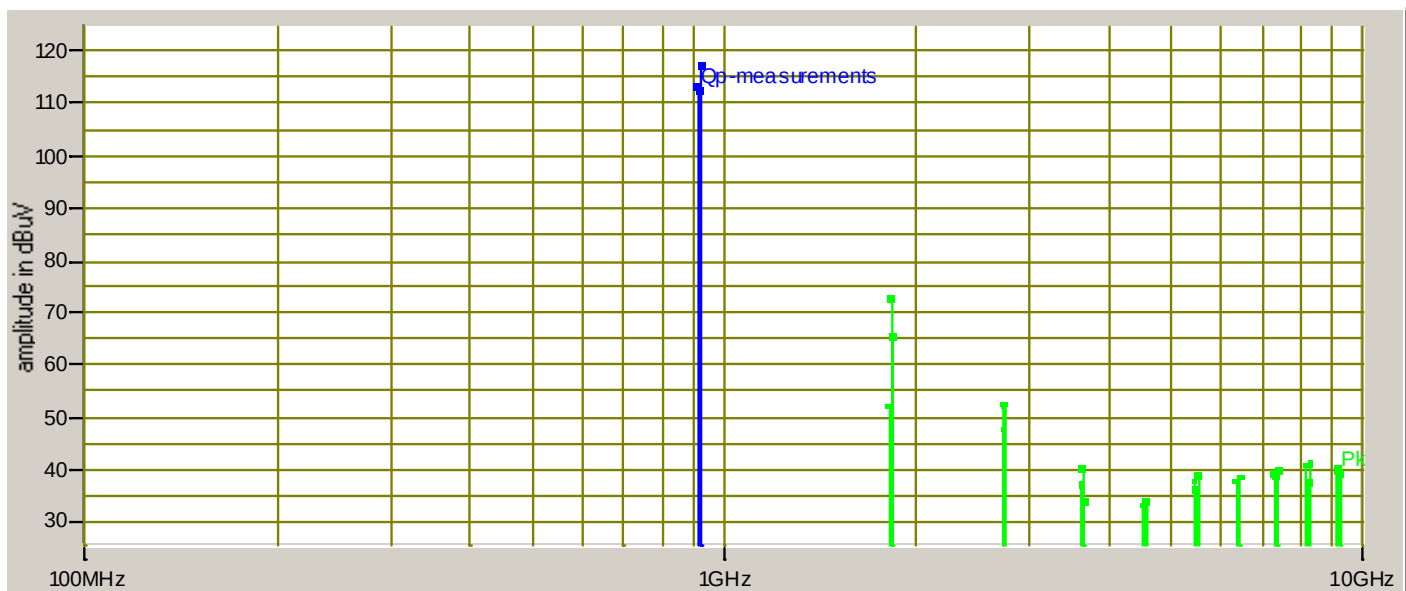
Signature

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Test Method:	FCC 15.247	Air Pressure:	99.0 kPa		
Customer:	Hunt Technology	Rel. Humidity:	35.0 %		
EUT Description:	Power meter transmitter				
Notes:	Limited modular.				
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Graph:



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