

RADIATED EMISSIONS



Test Report #: WC803112 Run 1 Test Area: LTS

EUT Model #: 762 Date: 4/18/2008

EUT Serial #: 0038 EUT Power: 13VDC Temperature: 20.0 °C

Test Method: FCC Air Pressure: 99.0 kPa

Customer: Hunt Technologies Rel. Humidity: 28.0 %

EUT Description: Electric meter

Notes:

Data File Name: 3112.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 FCC B >1GHz 3m av	DELTA2 FCC B >1G 3 M pk
Reference measurement, FS is incorrect, horn ACF estimated						
high channel						
927.868 MHz	89.4 Pk	3.57 / 25.5 / 0.0 / 0.0	118.47	V / 1.00 / 0	n/a	n/a
preamp						
Maximized						
2.784 GHz	49.03 Av	6.67 / 29.44 / 43.41 / 0.37	42.1	V / 1.20 / 177	-11.9	n/a
2.784 GHz	53.15 Pk	6.67 / 29.44 / 43.41 / 0.37	46.22	V / 1.20 / 177	-7.78*	-27.78
2.784 GHz	54.16 Av	6.67 / 29.44 / 43.41 / 0.37	47.23	H / 1.50 / 181	-6.77	n/a
2.784 GHz	56.65 Pk	6.67 / 29.44 / 43.41 / 0.37	49.72	H / 1.50 / 181	-4.28*	-24.28
3.712 GHz	40.5 Av	7.92 / 31.62 / 43.61 / 0.53	36.96	H / 1.43 / 207	-17.04	n/a
3.712 GHz	48.15 Pk	7.92 / 31.62 / 43.61 / 0.53	44.61	H / 1.43 / 207	-9.39*	-29.39
3.712 GHz	38.92 Av	7.92 / 31.62 / 43.61 / 0.0	35.38	V / 1.03 / 220	-18.62	n/a
3.712 GHz	46.7 Pk	7.92 / 31.62 / 43.61 / 0.53	43.16	V / 1.03 / 220	-10.84*	-30.84
No higher harmonics detected						
915 MHz Fc						
2.745 GHz	47.43 Av	6.61 / 29.35 / 43.55 / 0.39	40.23	V / 1.25 / 171	-13.77	n/a
2.745 GHz	51.25 Pk	6.61 / 29.35 / 43.55 / 0.39	44.05	V / 1.25 / 171	-9.95*	-29.95
2.745 GHz	52.55 Av	6.61 / 29.35 / 43.55 / 0.39	45.35	H / 1.54 / 183	-8.65	n/a
2.745 GHz	54.95 Pk	6.61 / 29.35 / 43.55 / 0.39	47.75	H / 1.54 / 183	-6.25*	-26.25
3.66 GHz	40.42 Av	7.86 / 31.5 / 43.61 / 0.57	36.73	H / 1.46 / 214	-17.27	n/a
3.66 GHz	48.05 Pk	7.86 / 31.5 / 43.61 / 0.57	44.36	H / 1.46 / 214	-9.64*	-29.64
3.66 GHz	38.62 Av	7.86 / 31.5 / 43.61 / 0.57	34.93	V / 1.27 / 225	-19.07	n/a
3.66 GHz	46.5 Pk	7.86 / 31.5 / 43.61 / 0.57	42.81	V / 1.27 / 225	-11.19*	-31.19
No higher harmonics detected						

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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 FCC B >1GHz 3m av	DELTA2 FCC B >1G 3 M pk
902.10 MHz Fc						
2.706 GHz	42.86 Av	6.56 / 29.26 / 43.7 / 0.36	35.34	V / 1.31 / 157	-18.66	n/a
2.706 GHz	50.2 Pk	6.56 / 29.26 / 43.7 / 0.36	42.68	V / 1.31 / 157	-11.32*	-31.32
2.706 GHz	50.13 Av	6.56 / 29.26 / 43.7 / 0.36	42.61	H / 1.56 / 200	-11.39	n/a
2.706 GHz	54.55 Pk	6.56 / 29.26 / 43.7 / 0.36	47.03	H / 1.56 / 200	-6.97*	-26.97
3.608 GHz	37.96 Av	7.79 / 31.38 / 43.65 / 0.55	34.03	H / 1.49 / 202	-19.97	n/a
3.608 GHz	47.3 Pk	7.79 / 31.38 / 43.65 / 0.55	43.37	H / 1.49 / 202	-10.63*	-30.63
3.608 GHz	37.39 Av	7.79 / 31.38 / 43.65 / 0.55	33.46	V / 1.29 / 161	-20.54	n/a
3.608 GHz	45.85 Pk	7.79 / 31.38 / 43.65 / 0.55	41.92	V / 1.29 / 161	-12.08*	-32.08
No higher harmonics detected						

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Customer: Hunt Technologies Rel. Humidity: 28.0 %

EUT Description: Electric meter

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Measurement summary for limit1: FCC B >1GHz 3m av (Av)

FREQ	LEVEL (dBuV)	CABLE / ANT / PREAMP / ATTEN (dB)	FINAL (dBuV / m)	POL / HGT / AZ (m)(DEG)	DELTA1 FCC B >1GHz 3m av
2.784 GHz	54.16 Av	6.67 / 29.44 / 43.41 / 0.37	47.23	H / 1.50 / 181	-6.77
2.745 GHz	52.55 Av	6.61 / 29.35 / 43.55 / 0.39	45.35	H / 1.54 / 183	-8.65
2.706 GHz	50.13 Av	6.56 / 29.26 / 43.7 / 0.36	42.61	H / 1.56 / 200	-11.39
3.712 GHz	40.5 Av	7.92 / 31.62 / 43.61 / 0.53	36.96	H / 1.43 / 207	-17.04
3.66 GHz	40.42 Av	7.86 / 31.5 / 43.61 / 0.57	36.73	H / 1.46 / 214	-17.27
3.608 GHz	37.96 Av	7.79 / 31.38 / 43.65 / 0.55	34.03	H / 1.49 / 202	-19.97
2.784 GHz	56.65 Pk	6.67 / 29.44 / 43.41 / 0.37	49.72	H / 1.50 / 181	-4.28*
3.712 GHz	48.15 Pk	7.92 / 31.62 / 43.61 / 0.53	44.61	H / 1.43 / 207	-9.39*
2.745 GHz	54.95 Pk	6.61 / 29.35 / 43.55 / 0.39	47.75	H / 1.54 / 183	-6.25*
3.66 GHz	48.05 Pk	7.86 / 31.5 / 43.61 / 0.57	44.36	H / 1.46 / 214	-9.64*
2.706 GHz	54.55 Pk	6.56 / 29.26 / 43.7 / 0.36	47.03	H / 1.56 / 200	-6.97*
3.608 GHz	47.3 Pk	7.79 / 31.38 / 43.65 / 0.55	43.37	H / 1.49 / 202	-10.63*

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EUT Serial #: 0038 EUT Power: 13VDC Temperature: 20.0 °C

Test Method: FCC Air Pressure: 99.0 kPa

Customer: Hunt Technologies Rel. Humidity: 28.0 %

EUT Description: Electric meter

Notes: _____

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Measurement summary for limit2: FCC B >1G 3 M pk (Pk)

FREQ	LEVEL (dBuV)	CABLE / ANT / PREAMP / ATTEN (dB)	FINAL (dBuV / m)	POL / HGT / AZ (m)(DEG)	DELTA2 FCC B >1G 3 M pk
2.784 GHz	56.65 Pk	6.67 / 29.44 / 43.41 / 0.37	49.72	H / 1.50 / 181	-24.28
2.745 GHz	54.95 Pk	6.61 / 29.35 / 43.55 / 0.39	47.75	H / 1.54 / 183	-26.25
2.706 GHz	54.55 Pk	6.56 / 29.26 / 43.7 / 0.36	47.03	H / 1.56 / 200	-26.97
3.712 GHz	48.15 Pk	7.92 / 31.62 / 43.61 / 0.53	44.61	H / 1.43 / 207	-29.39
3.66 GHz	48.05 Pk	7.86 / 31.5 / 43.61 / 0.57	44.36	H / 1.46 / 214	-29.64
3.608 GHz	47.3 Pk	7.79 / 31.38 / 43.65 / 0.55	43.37	H / 1.49 / 202	-30.63

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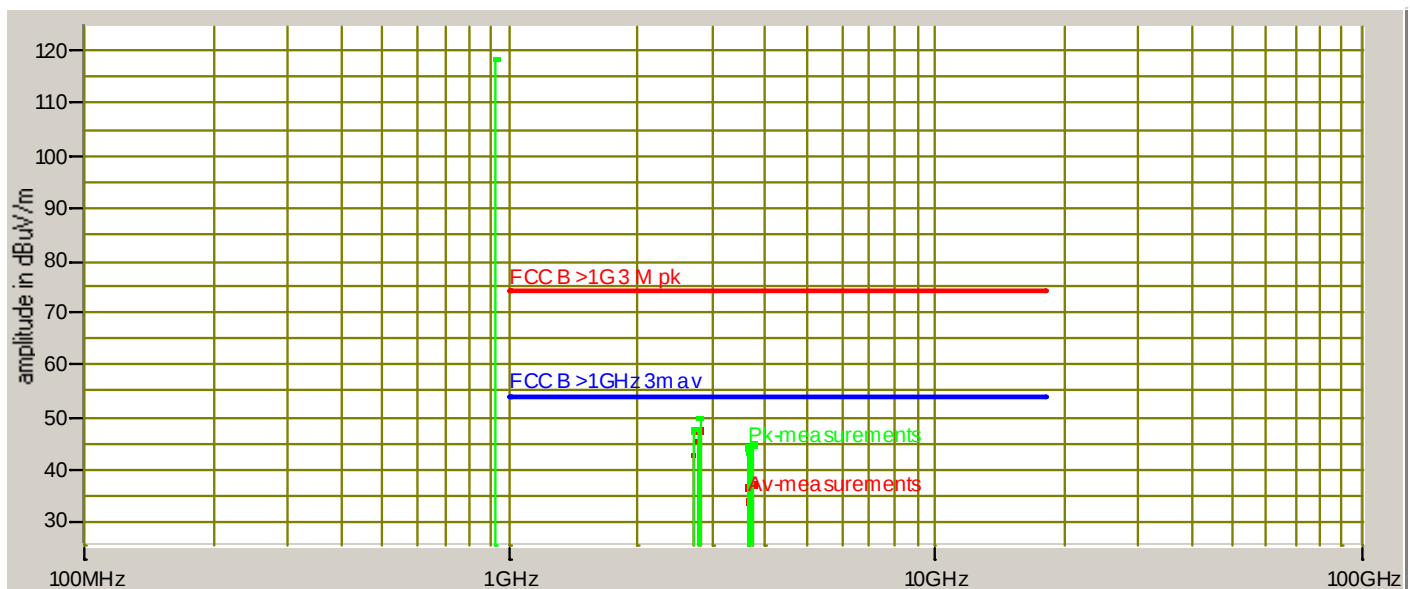
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Test Method: FCC Air Pressure: 99.0 kPa
Customer: Hunt Technologies Rel. Humidity: 28.0 %
EUT Description: Electric meter

Notes:

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Graph:



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