

RADIATED EMISSIONS



Test Report #: WC1000616 Run 2 Test Area: LTS

EUT Model #: 864 Date: 1/26/2010

EUT Serial #: 92C72 EUT Power: 14VDC Temperature: 23.0 °C

Test Method: FCC Part 15 B Air Pressure: 98.0 kPa

Customer: Landis & Gyr Rel. Humidity: 18.0 %

EUT Description: 902 MHz Transmitter

Notes:

Data File Name: 0616.dat

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List of measurements for run #: 2

FREQ	LEVEL (dBuV)	CABLE / ANT / PREAMP / ATTEN (dB)	FINAL (dBuV / m)	POL / HGT / AZ (m)(DEG)	DELTA1 FCC-B <1GHz 3m	DELTA2
Start of Spurious Scan 30 - 1000 MHz.						
Low Channel (902.1 MHz)						
No significant emissions detected in the vertical or horizontal polarization.						
Mid Channel (915 MHz)						
No significant emissions detected in the vertical or horizontal polarization.						
High Channel (927.9 MHz)						
45.097 MHz	37.65 Qp	0.32 / 15.08 / 29.68 / 0.0	23.36	V / 1.00 / 0	-16.64	n/a
112.268 MHz	34.35 Qp	0.82 / 9.59 / 29.62 / 0.0	15.14	V / 1.00 / 0	-28.36	n/a
128.289 MHz	33.7 Qp	0.86 / 8.77 / 29.6 / 0.0	13.73	V / 1.00 / 0	-29.77	n/a
135.338 MHz	34.75 Qp	0.88 / 8.34 / 29.59 / 0.0	14.38	V / 1.00 / 0	-29.12	n/a
147.309 MHz	32.95 Qp	0.91 / 9.48 / 29.58 / 0.0	13.76	V / 1.00 / 0	-29.74	n/a
161.4 MHz	32.8 Qp	0.94 / 8.88 / 29.56 / 0.0	13.06	V / 1.00 / 0	-30.44	n/a
184.951 MHz	33.6 Qp	1.01 / 10.23 / 29.54 / 0.0	15.29	V / 1.00 / 0	-28.21	n/a
195.421 MHz	33.85 Qp	1.03 / 10.79 / 29.53 / 0.0	16.14	V / 1.00 / 0	-27.36	n/a
196.728 MHz	33.9 Qp	1.04 / 10.75 / 29.53 / 0.0	16.16	V / 1.00 / 0	-27.34	n/a
219.529 MHz	33.55 Qp	1.1 / 10.86 / 29.5 / 0.0	16.0	V / 1.00 / 0	-30.0	n/a
238.729 MHz	33.4 Qp	1.15 / 11.62 / 29.59 / 0.0	16.58	V / 1.00 / 0	-29.42	n/a
249.225 MHz	33.25 Qp	1.17 / 12.13 / 29.57 / 0.0	16.99	V / 1.00 / 0	-29.01	n/a
338.686 MHz	32.9 Qp	1.29 / 14.61 / 29.5 / 0.0	19.31	V / 1.00 / 0	-26.69	n/a
369.707 MHz	33.2 Qp	1.33 / 15.6 / 29.38 / 0.0	20.75	V / 1.00 / 0	-25.25	n/a
384.158 MHz	33.5 Qp	1.34 / 15.75 / 29.32 / 0.0	21.27	V / 1.00 / 0	-24.73	n/a
405.883 MHz	33.65 Qp	1.37 / 16.14 / 29.41 / 0.0	21.74	V / 1.00 / 0	-24.26	n/a
444.193 MHz	33.55 Qp	1.41 / 16.72 / 29.32 / 0.0	22.36	V / 1.00 / 0	-23.64	n/a
688.877 MHz	36.35 Qp	1.82 / 20.06 / 29.38 / 0.0	28.84	V / 1.00 / 0	-17.16	n/a
726.017 MHz	36.95 Qp	1.88 / 20.7 / 29.31 / 0.0	30.23	V / 1.00 / 0	-15.77	n/a
778.317 MHz	35.05 Qp	1.98 / 21.78 / 29.2 / 0.0	29.61	V / 1.00 / 0	-16.39	n/a

Tested by: Robert J Behringer

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Robert J Behringer

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Reviewed by: Dennis E Maloney

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List of measurements for run #: 2

FREQ	LEVEL (dBuV)	CABLE / ANT / PREAMP / ATTEN (dB)	FINAL (dBuV / m)	POL / HGT / AZ (m)(DEG)	DELTA1 FCC-B <1GHz 3m	DELTA2
Maxed.						
249.225 MHz	35.43 Qp	1.17 / 12.13 / 29.57 / 0.0	19.17	V / 1.00 / 25	-26.83	n/a
726.017 MHz	44.06 Qp	1.88 / 20.7 / 29.31 / 0.0	37.34	V / 1.00 / 320	-8.66	n/a
End of Scan.						

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Measurement summary for limit1: FCC-B <1GHz 3m (Qp)

FREQ	LEVEL (dBuV)	CABLE / ANT / PREAMP / ATTEN (dB)	FINAL (dBuV / m)	POL / HGT / AZ (m)(DEG)	DELTA1 FCC-B <1GHz 3m
726.017 MHz	44.06 Qp	1.88 / 20.7 / 29.31 / 0.0	37.34	V / 1.00 / 320	-8.66
778.317 MHz	35.05 Qp	1.98 / 21.78 / 29.2 / 0.0	29.61	V / 1.00 / 0	-16.39
45.097 MHz	37.65 Qp	0.32 / 15.08 / 29.68 / 0.0	23.36	V / 1.00 / 0	-16.64
688.877 MHz	36.35 Qp	1.82 / 20.06 / 29.38 / 0.0	28.84	V / 1.00 / 0	-17.16
444.193 MHz	33.55 Qp	1.41 / 16.72 / 29.32 / 0.0	22.36	V / 1.00 / 0	-23.64
405.883 MHz	33.65 Qp	1.37 / 16.14 / 29.41 / 0.0	21.74	V / 1.00 / 0	-24.26
384.158 MHz	33.5 Qp	1.34 / 15.75 / 29.32 / 0.0	21.27	V / 1.00 / 0	-24.73
369.707 MHz	33.2 Qp	1.33 / 15.6 / 29.38 / 0.0	20.75	V / 1.00 / 0	-25.25
338.686 MHz	32.9 Qp	1.29 / 14.61 / 29.5 / 0.0	19.31	V / 1.00 / 0	-26.69
249.225 MHz	35.43 Qp	1.17 / 12.13 / 29.57 / 0.0	19.17	V / 1.00 / 25	-26.83
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128.289 MHz	33.7 Qp	0.86 / 8.77 / 29.6 / 0.0	13.73	V / 1.00 / 0	-29.77
219.529 MHz	33.55 Qp	1.1 / 10.86 / 29.5 / 0.0	16.0	V / 1.00 / 0	-30.0
161.4 MHz	32.8 Qp	0.94 / 8.88 / 29.56 / 0.0	13.06	V / 1.00 / 0	-30.44

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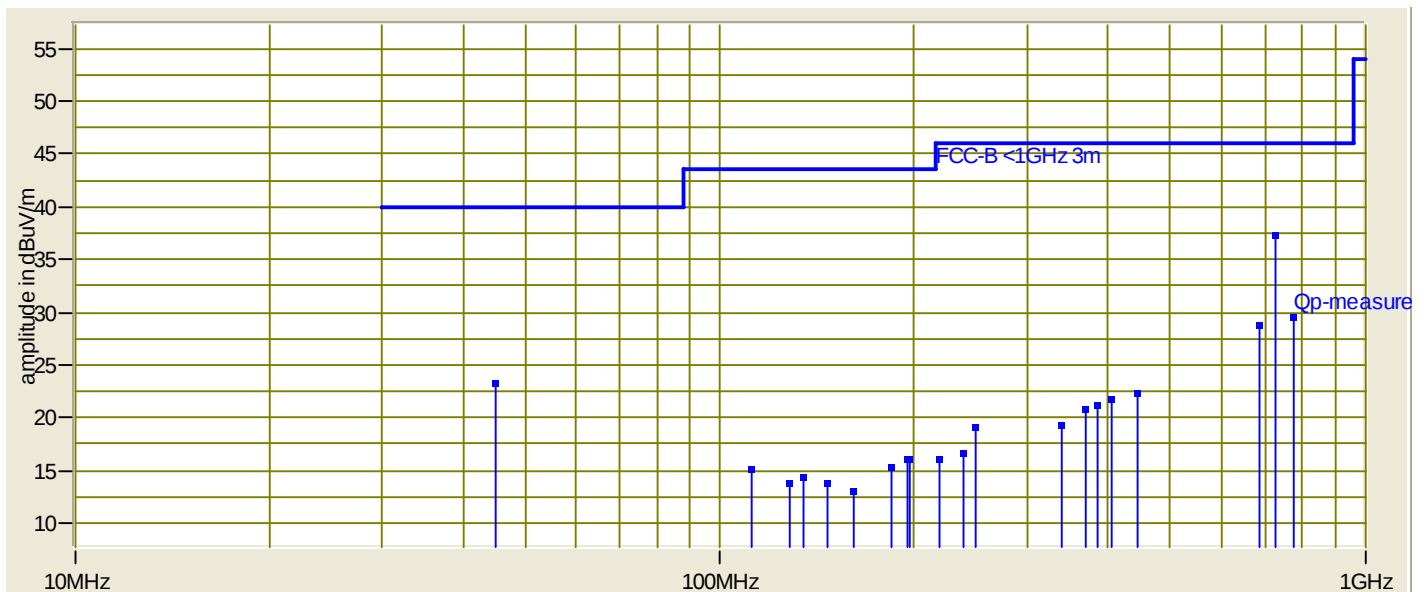
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Graph:



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