

CONDUCTED EMISSIONS



Test Report #: WC1000616 Run 7 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: 2.4 GHz Transmitter

Notes:

Data File Name: 0616.dat

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List of measurements for run #: 7

FREQ	LEVEL (dBuV)	CABLE / ANT / PREAMP / ATTEN (dB)	FINAL (dBuV)	EUT Lead	DELTA1 FCC B Qp	DELTA2 FCC B Avg
Start of Conducted Scan						
155.0 kHz	1.99 Qp	0.11 / 0.29 / 0.0 / 0.0	2.38	N	-63.35	n/a
270.0 kHz	-0.51 Qp	0.11 / 0.1 / 0.0 / 0.0	-0.3	N	-61.42	n/a
545.0 kHz	10.55 Qp	0.12 / 0.1 / 0.0 / 0.0	10.77	N	-45.23	n/a
1.02 MHz	5.87 Qp	0.15 / 0.06 / 0.0 / 0.0	6.08	N	-49.92	n/a
1.77 MHz	1.09 Qp	0.18 / 0.0 / 0.0 / 0.0	1.27	N	-54.73	n/a
3.06 MHz	0.97 Qp	0.22 / 0.0 / 0.0 / 0.0	1.19	N	-54.81	n/a
7.15 MHz	13.01 Qp	0.3 / 0.0 / 0.0 / 0.0	13.31	N	-46.69	n/a
10.04 MHz	14.93 Qp	0.33 / 0.2 / 0.0 / 0.0	15.46	N	-44.54	n/a
8.66 MHz	19.23 Qp	0.31 / 0.09 / 0.0 / 0.0	19.64	N	-40.36	n/a
16.565 MHz	8.59 Qp	0.39 / 0.27 / 0.0 / 0.0	9.24	N	-50.76	n/a
29.11 MHz	0.23 Qp	0.51 / 1.03 / 0.0 / 0.0	1.77	N	-58.23	n/a
155.0 kHz	-7.02 Av	0.11 / 0.29 / 0.0 / 0.0	-6.63	N	n/a	-62.36
270.0 kHz	-6.58 Av	0.11 / 0.1 / 0.0 / 0.0	-6.37	N	n/a	-57.49
545.0 kHz	-6.92 Av	0.12 / 0.1 / 0.0 / 0.0	-6.7	N	n/a	-52.7
1.02 MHz	6.65 Av	0.15 / 0.06 / 0.0 / 0.0	6.86	N	n/a	-39.14
1.77 MHz	-0.51 Av	0.18 / 0.0 / 0.0 / 0.0	-0.33	N	n/a	-46.33
3.06 MHz	-7.32 Av	0.22 / 0.0 / 0.0 / 0.0	-7.1	N	n/a	-53.1
7.15 MHz	3.07 Av	0.3 / 0.0 / 0.0 / 0.0	3.37	N	n/a	-46.63
8.66 MHz	-7.91 Av	0.31 / 0.09 / 0.0 / 0.0	-7.5	N	n/a	-57.5
10.04 MHz	1.65 Av	0.33 / 0.2 / 0.0 / 0.0	2.18	N	n/a	-47.82
16.565 MHz	-7.38 Av	0.39 / 0.27 / 0.0 / 0.0	-6.73	N	n/a	-56.73
29.11 MHz	-7.97 Av	0.51 / 1.03 / 0.0 / 0.0	-6.43	N	n/a	-56.43
155.0 kHz	1.87 Qp	0.11 / 0.29 / 0.0 / 0.0	2.26	L1	-63.47	n/a
270.0 kHz	-2.43 Qp	0.11 / 0.1 / 0.0 / 0.0	-2.22	L1	-63.34	n/a
545.0 kHz	10.65 Qp	0.12 / 0.1 / 0.0 / 0.0	10.87	L1	-45.13	n/a
1.02 MHz	-3.47 Qp	0.15 / 0.06 / 0.0 / 0.0	-3.26	L1	-59.26	n/a
1.77 MHz	-4.25 Qp	0.18 / 0.0 / 0.0 / 0.0	-4.07	L1	-60.07	n/a

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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: 2.4 GHz Transmitter

Notes:

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List of measurements for run #: 7

FREQ	LEVEL (dBuV)	CABLE / ANT / PREAMP / ATTEN (dB)	FINAL (dBuV)	EUT Lead	DELTA1 FCC B Qp	DELTA2 FCC B Avg
3.06 MHz	8.11 Qp	0.22 / 0.0 / 0.0 / 0.0	8.33	L1	-47.67	n/a
7.15 MHz	15.25 Qp	0.3 / 0.0 / 0.0 / 0.0	15.55	L1	-44.45	n/a
8.66 MHz	25.67 Qp	0.31 / 0.09 / 0.0 / 0.0	26.08	L1	-33.92	n/a
10.04 MHz	23.4 Qp	0.33 / 0.2 / 0.0 / 0.0	23.93	L1	-36.07	n/a
16.565 MHz	11.73 Qp	0.39 / 0.27 / 0.0 / 0.0	12.38	L1	-47.62	n/a
29.11 MHz	5.75 Qp	0.51 / 1.03 / 0.0 / 0.0	7.29	L1	-52.71	n/a
155.0 kHz	-8.02 Av	0.11 / 0.29 / 0.0 / 0.0	-7.63	L1	n/a	-63.36
270.0 kHz	-7.75 Av	0.11 / 0.1 / 0.0 / 0.0	-7.54	L1	n/a	-58.66
545.0 kHz	-6.97 Av	0.12 / 0.1 / 0.0 / 0.0	-6.75	L1	n/a	-52.75
1.02 MHz	-6.44 Av	0.15 / 0.06 / 0.0 / 0.0	-6.23	L1	n/a	-52.23
1.77 MHz	-8.42 Av	0.18 / 0.0 / 0.0 / 0.0	-8.24	L1	n/a	-54.24
3.06 MHz	-8.66 Av	0.22 / 0.0 / 0.0 / 0.0	-8.44	L1	n/a	-54.44
7.15 MHz	-8.72 Av	0.3 / 0.0 / 0.0 / 0.0	-8.42	L1	n/a	-58.42
8.66 MHz	-3.46 Av	0.31 / 0.09 / 0.0 / 0.0	-3.05	L1	n/a	-53.05
10.04 MHz	5.36 Av	0.33 / 0.2 / 0.0 / 0.0	5.89	L1	n/a	-44.11
16.565 MHz	-6.68 Av	0.39 / 0.27 / 0.0 / 0.0	-6.03	L1	n/a	-56.03
29.11 MHz	-8.6 Av	0.51 / 1.03 / 0.0 / 0.0	-7.06	L1	n/a	-57.06
End of Scan.						

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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: 2.4 GHz Transmitter

Notes: _____

Data File Name: 0616.dat

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Measurement summary for limit1: FCC B Qp (Qp)

FREQ	LEVEL (dBuV)	CABLE / ANT / PREAMP / ATTEN (dB)	FINAL (dBuV)	EUT Lead	DELTA1 FCC B Qp
8.66 MHz	25.67 Qp	0.31 / 0.09 / 0.0 / 0.0	26.08	L1	-33.92
10.04 MHz	23.4 Qp	0.33 / 0.2 / 0.0 / 0.0	23.93	L1	-36.07
7.15 MHz	15.25 Qp	0.3 / 0.0 / 0.0 / 0.0	15.55	L1	-44.45
545.0 kHz	10.65 Qp	0.12 / 0.1 / 0.0 / 0.0	10.87	L1	-45.13
16.565 MHz	11.73 Qp	0.39 / 0.27 / 0.0 / 0.0	12.38	L1	-47.62
3.06 MHz	8.11 Qp	0.22 / 0.0 / 0.0 / 0.0	8.33	L1	-47.67
1.02 MHz	5.87 Qp	0.15 / 0.06 / 0.0 / 0.0	6.08	N	-49.92
29.11 MHz	5.75 Qp	0.51 / 1.03 / 0.0 / 0.0	7.29	L1	-52.71
1.77 MHz	1.09 Qp	0.18 / 0.0 / 0.0 / 0.0	1.27	N	-54.73
270.0 kHz	-0.51 Qp	0.11 / 0.1 / 0.0 / 0.0	-0.3	N	-61.42
155.0 kHz	1.99 Qp	0.11 / 0.29 / 0.0 / 0.0	2.38	N	-63.35

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

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

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Measurement summary for limit2: FCC B Avg (Av)

FREQ	LEVEL (dBuV)	CABLE / ANT / PREAMP / ATTEN (dB)	FINAL (dBuV)	EUT Lead	DELTA2 FCC B Avg
1.02 MHz	6.65 Av	0.15 / 0.06 / 0.0 / 0.0	6.86	N	-39.14
10.04 MHz	5.36 Av	0.33 / 0.2 / 0.0 / 0.0	5.89	L1	-44.11
1.77 MHz	-0.51 Av	0.18 / 0.0 / 0.0 / 0.0	-0.33	N	-46.33
7.15 MHz	3.07 Av	0.3 / 0.0 / 0.0 / 0.0	3.37	N	-46.63
545.0 kHz	-6.92 Av	0.12 / 0.1 / 0.0 / 0.0	-6.7	N	-52.7
8.66 MHz	-3.46 Av	0.31 / 0.09 / 0.0 / 0.0	-3.05	L1	-53.05
3.06 MHz	-7.32 Av	0.22 / 0.0 / 0.0 / 0.0	-7.1	N	-53.1
16.565 MHz	-6.68 Av	0.39 / 0.27 / 0.0 / 0.0	-6.03	L1	-56.03
29.11 MHz	-7.97 Av	0.51 / 1.03 / 0.0 / 0.0	-6.43	N	-56.43
270.0 kHz	-6.58 Av	0.11 / 0.1 / 0.0 / 0.0	-6.37	N	-57.49
155.0 kHz	-7.02 Av	0.11 / 0.29 / 0.0 / 0.0	-6.63	N	-62.36

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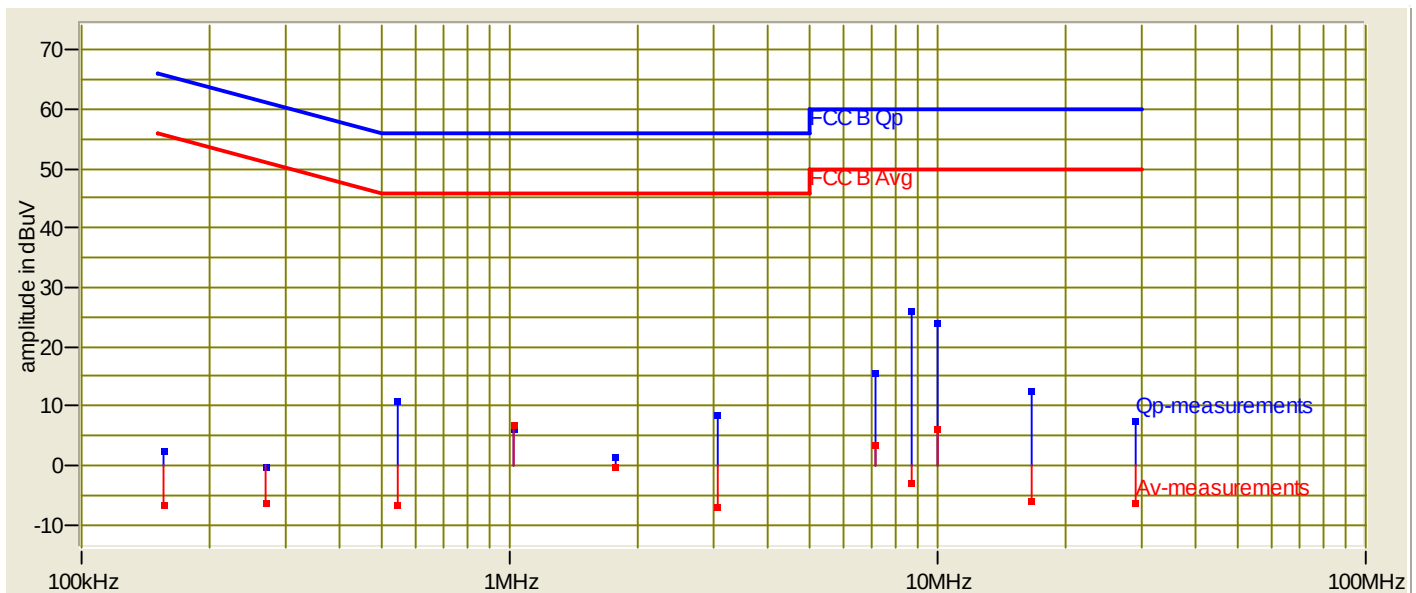
Test Report #: WC1000616 Run 7 Test Area: LTS
EUT Model #: 864 Date: 1/26/2010
EUT Serial #: 92C72 EUT Power: 14VDC Temperature: 23.0 °C
Test Method: FCC Part 15 B Air Pressure: 98.0 kPa
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EUT Description: 2.4 GHz Transmitter

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Graph:



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