

CONDUCTED EMISSIONS



Test Report #: WC905024 Run 1 Test Area: STS

EUT Model #: S4E Date: 6/23/2009

EUT Serial #: N/A EUT Power: 240V/60Hz Temperature: 36.0 °C

Test Method: FCC Part 15 Air Pressure: 98.0 kPa

Customer: Landis & GYR Rel. Humidity: 40.0 %

EUT Description: Electric Meter

Notes:

Data File Name: 5024.dat

Page: 1 of 5

List of measurements for run #: 1

FREQ	LEVEL (dBuV)	CABLE / ANT / PREAMP / ATTEN (dB)	FINAL (dBuV)	EUT Lead	DELTA1 FCC 15.207 CE QP	DELTA2 FCC 15.207 CE Avg
Start of Conducted Scan						
150.0 kHz	52.94 Qp	0.23 / 0.2 / 0.0 / 0.0	53.37	N	-12.63	n/a
210.0 kHz	45.18 Qp	0.26 / 0.12 / 0.0 / 0.0	45.56	N	-17.64	n/a
350.0 kHz	39.78 Qp	0.32 / 0.1 / 0.0 / 0.0	40.2	N	-18.76	n/a
450.0 kHz	38.5 Qp	0.35 / 0.1 / 0.0 / 0.0	38.95	N	-17.92	n/a
625.0 kHz	40.2 Qp	0.41 / 0.16 / 0.0 / 0.0	40.77	N	-15.23	n/a
875.0 kHz	31.24 Qp	0.47 / 0.2 / 0.0 / 0.0	31.91	N	-24.09	n/a
1.54 MHz	23.6 Qp	0.65 / 0.1 / 0.0 / 0.0	24.35	N	-31.65	n/a
2.75 MHz	26.36 Qp	0.9 / 0.1 / 0.0 / 0.0	27.36	N	-28.64	n/a
4.0 MHz	27.86 Qp	1.12 / 0.1 / 0.0 / 0.0	29.08	N	-26.92	n/a
6.825 MHz	26.62 Qp	1.51 / 0.14 / 0.0 / 0.0	28.27	N	-31.73	n/a
13.615 MHz	22.44 Qp	2.11 / 0.48 / 0.0 / 0.0	25.03	N	-34.97	n/a
17.515 MHz	29.2 Qp	2.44 / 0.68 / 0.0 / 0.0	32.31	N	-27.69	n/a
24.165 MHz	15.74 Qp	2.84 / 1.0 / 0.0 / 0.0	19.57	N	-40.43	n/a
150.0 kHz	41.21 Av	0.23 / 0.2 / 0.0 / 0.0	41.64	N	n/a	-14.36
210.0 kHz	36.82 Av	0.26 / 0.12 / 0.0 / 0.0	37.2	N	n/a	-16.0
350.0 kHz	31.72 Av	0.32 / 0.1 / 0.0 / 0.0	32.14	N	n/a	-16.82
450.0 kHz	29.01 Av	0.35 / 0.1 / 0.0 / 0.0	29.46	N	n/a	-17.41
625.0 kHz	34.45 Av	0.41 / 0.16 / 0.0 / 0.0	35.02	N	n/a	-10.98
875.0 kHz	25.41 Av	0.47 / 0.2 / 0.0 / 0.0	26.08	N	n/a	-19.92
1.54 MHz	20.13 Av	0.65 / 0.1 / 0.0 / 0.0	20.88	N	n/a	-25.12
2.75 MHz	19.24 Av	0.9 / 0.1 / 0.0 / 0.0	20.24	N	n/a	-25.76
4.0 MHz	14.32 Av	1.12 / 0.1 / 0.0 / 0.0	15.54	N	n/a	-30.46
6.825 MHz	21.43 Av	1.51 / 0.14 / 0.0 / 0.0	23.08	N	n/a	-26.92
13.615 MHz	21.31 Av	2.11 / 0.48 / 0.0 / 0.0	23.9	N	n/a	-26.1
17.515 MHz	24.87 Av	2.44 / 0.68 / 0.0 / 0.0	27.98	N	n/a	-22.02
24.165 MHz	6.13 Av	2.84 / 1.0 / 0.0 / 0.0	9.96	N	n/a	-40.04
150.0 kHz	52.74 Qp	0.23 / 0.2 / 0.0 / 0.0	53.17	L1	-12.83	n/a

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CONDUCTED EMISSIONS



Test Report #: WC905024 Run 1 Test Area: STS

EUT Model #: S4E Date: 6/23/2009

EUT Serial #: N/A EUT Power: 240V/60Hz Temperature: 36.0 °C

Test Method: FCC Part 15 Air Pressure: 98.0 kPa

Customer: Landis & GYR Rel. Humidity: 40.0 %

EUT Description: Electric Meter

Notes:

Data File Name: 5024.dat

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List of measurements for run #: 1

FREQ	LEVEL (dBuV)	CABLE / ANT / PREAMP / ATTEN (dB)	FINAL (dBuV)	EUT Lead	DELTA1 FCC 15.207 CE QP	DELTA2 FCC 15.207 CE Avg
210.0 kHz	45.54 Qp	0.26 / 0.12 / 0.0 / 0.0	45.92	L1	-17.28	n/a
350.0 kHz	35.38 Qp	0.32 / 0.1 / 0.0 / 0.0	35.8	L1	-23.16	n/a
450.0 kHz	37.96 Qp	0.35 / 0.1 / 0.0 / 0.0	38.41	L1	-18.46	n/a
625.0 kHz	35.24 Qp	0.41 / 0.16 / 0.0 / 0.0	35.81	L1	-20.19	n/a
875.0 kHz	24.46 Qp	0.47 / 0.2 / 0.0 / 0.0	25.13	L1	-30.87	n/a
1.54 MHz	18.9 Qp	0.65 / 0.1 / 0.0 / 0.0	19.65	L1	-36.35	n/a
2.75 MHz	18.34 Qp	0.9 / 0.1 / 0.0 / 0.0	19.34	L1	-36.66	n/a
4.0 MHz	22.02 Qp	1.12 / 0.1 / 0.0 / 0.0	23.24	L1	-32.76	n/a
6.825 MHz	26.94 Qp	1.51 / 0.14 / 0.0 / 0.0	28.59	L1	-31.41	n/a
13.615 MHz	3.8 Qp	2.11 / 0.48 / 0.0 / 0.0	6.39	L1	-53.61	n/a
17.515 MHz	38.74 Qp	2.44 / 0.68 / 0.0 / 0.0	41.85	L1	-18.15	n/a
24.165 MHz	27.96 Qp	2.84 / 1.0 / 0.0 / 0.0	31.79	L1	-28.21	n/a
150.0 kHz	43.1 Av	0.23 / 0.2 / 0.0 / 0.0	43.53	L1	n/a	-12.47
210.0 kHz	31.84 Av	0.26 / 0.12 / 0.0 / 0.0	32.22	L1	n/a	-20.98
350.0 kHz	28.43 Av	0.32 / 0.1 / 0.0 / 0.0	28.85	L1	n/a	-20.11
450.0 kHz	27.86 Av	0.35 / 0.1 / 0.0 / 0.0	28.31	L1	n/a	-18.56
625.0 kHz	26.69 Av	0.41 / 0.16 / 0.0 / 0.0	27.26	L1	n/a	-18.74
875.0 kHz	17.25 Av	0.47 / 0.2 / 0.0 / 0.0	17.92	L1	n/a	-28.08
1.54 MHz	13.97 Av	0.65 / 0.1 / 0.0 / 0.0	14.72	L1	n/a	-31.28
2.75 MHz	11.03 Av	0.9 / 0.1 / 0.0 / 0.0	12.03	L1	n/a	-33.97
4.0 MHz	11.84 Av	1.12 / 0.1 / 0.0 / 0.0	13.06	L1	n/a	-32.94
6.825 MHz	20.34 Av	1.51 / 0.14 / 0.0 / 0.0	21.99	L1	n/a	-28.01
13.615 MHz	-1.47 Av	2.11 / 0.48 / 0.0 / 0.0	1.12	L1	n/a	-48.88
17.515 MHz	33.65 Av	2.44 / 0.68 / 0.0 / 0.0	36.76	L1	n/a	-13.24
24.165 MHz	13.9 Av	2.84 / 1.0 / 0.0 / 0.0	17.73	L1	n/a	-32.27

End of Conducted Scan

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CONDUCTED EMISSIONS



Test Report #: WC905024 Run 1 Test Area: STS

EUT Model #: S4E Date: 6/23/2009

EUT Serial #: N/A EUT Power: 240V/60Hz Temperature: 36.0 °C

Test Method: FCC Part 15 Air Pressure: 98.0 kPa

Customer: Landis & GYR Rel. Humidity: 40.0 %

EUT Description: Electric Meter

Notes: _____

Data File Name: 5024.dat

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Measurement summary for limit1: FCC 15.207 CE QP (Qp)

FREQ	LEVEL (dBuV)	CABLE / ANT / PREAMP / ATTEN (dB)	FINAL (dBuV)	EUT Lead	DELTA1 FCC 15.207 CE QP
150.0 kHz	52.94 Qp	0.23 / 0.2 / 0.0 / 0.0	53.37	N	-12.63
625.0 kHz	40.2 Qp	0.41 / 0.16 / 0.0 / 0.0	40.77	N	-15.23
210.0 kHz	45.54 Qp	0.26 / 0.12 / 0.0 / 0.0	45.92	L1	-17.28
450.0 kHz	38.5 Qp	0.35 / 0.1 / 0.0 / 0.0	38.95	N	-17.92
17.515 MHz	38.74 Qp	2.44 / 0.68 / 0.0 / 0.0	41.85	L1	-18.15
350.0 kHz	39.78 Qp	0.32 / 0.1 / 0.0 / 0.0	40.2	N	-18.76
875.0 kHz	31.24 Qp	0.47 / 0.2 / 0.0 / 0.0	31.91	N	-24.09
4.0 MHz	27.86 Qp	1.12 / 0.1 / 0.0 / 0.0	29.08	N	-26.92
24.165 MHz	27.96 Qp	2.84 / 1.0 / 0.0 / 0.0	31.79	L1	-28.21
2.75 MHz	26.36 Qp	0.9 / 0.1 / 0.0 / 0.0	27.36	N	-28.64
6.825 MHz	26.94 Qp	1.51 / 0.14 / 0.0 / 0.0	28.59	L1	-31.41
1.54 MHz	23.6 Qp	0.65 / 0.1 / 0.0 / 0.0	24.35	N	-31.65
13.615 MHz	22.44 Qp	2.11 / 0.48 / 0.0 / 0.0	25.03	N	-34.97

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Test Report #: WC905024 Run 1 Test Area: STS

EUT Model #: S4E Date: 6/23/2009

EUT Serial #: N/A EUT Power: 240V/60Hz Temperature: 36.0 °C

Test Method: FCC Part 15 Air Pressure: 98.0 kPa

Customer: Landis & GYR Rel. Humidity: 40.0 %

EUT Description: Electric Meter

Notes: _____

Data File Name: 5024.dat

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Measurement summary for limit2: FCC 15.207 CE Avg (Av)

FREQ	LEVEL (dBuV)	CABLE / ANT / PREAMP / ATTEN (dB)	FINAL (dBuV)	EUT Lead	DELTA2 FCC 15.207 CE Avg
625.0 kHz	34.45 Av	0.41 / 0.16 / 0.0 / 0.0	35.02	N	-10.98
150.0 kHz	43.1 Av	0.23 / 0.2 / 0.0 / 0.0	43.53	L1	-12.47
17.515 MHz	33.65 Av	2.44 / 0.68 / 0.0 / 0.0	36.76	L1	-13.24
210.0 kHz	36.82 Av	0.26 / 0.12 / 0.0 / 0.0	37.2	N	-16.0
350.0 kHz	31.72 Av	0.32 / 0.1 / 0.0 / 0.0	32.14	N	-16.82
450.0 kHz	29.01 Av	0.35 / 0.1 / 0.0 / 0.0	29.46	N	-17.41
875.0 kHz	25.41 Av	0.47 / 0.2 / 0.0 / 0.0	26.08	N	-19.92
1.54 MHz	20.13 Av	0.65 / 0.1 / 0.0 / 0.0	20.88	N	-25.12
2.75 MHz	19.24 Av	0.9 / 0.1 / 0.0 / 0.0	20.24	N	-25.76
13.615 MHz	21.31 Av	2.11 / 0.48 / 0.0 / 0.0	23.9	N	-26.1
6.825 MHz	21.43 Av	1.51 / 0.14 / 0.0 / 0.0	23.08	N	-26.92
4.0 MHz	14.32 Av	1.12 / 0.1 / 0.0 / 0.0	15.54	N	-30.46
24.165 MHz	13.9 Av	2.84 / 1.0 / 0.0 / 0.0	17.73	L1	-32.27

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CONDUCTED EMISSIONS



Test Report #: WC905024 Run 1 Test Area: STS

EUT Model #: S4E Date: 6/23/2009

EUT Serial #: N/A EUT Power: 240V/60Hz Temperature: 36.0 °C

Test Method: FCC Part 15 Air Pressure: 98.0 kPa

Customer: Landis & GYR Rel. Humidity: 40.0 %

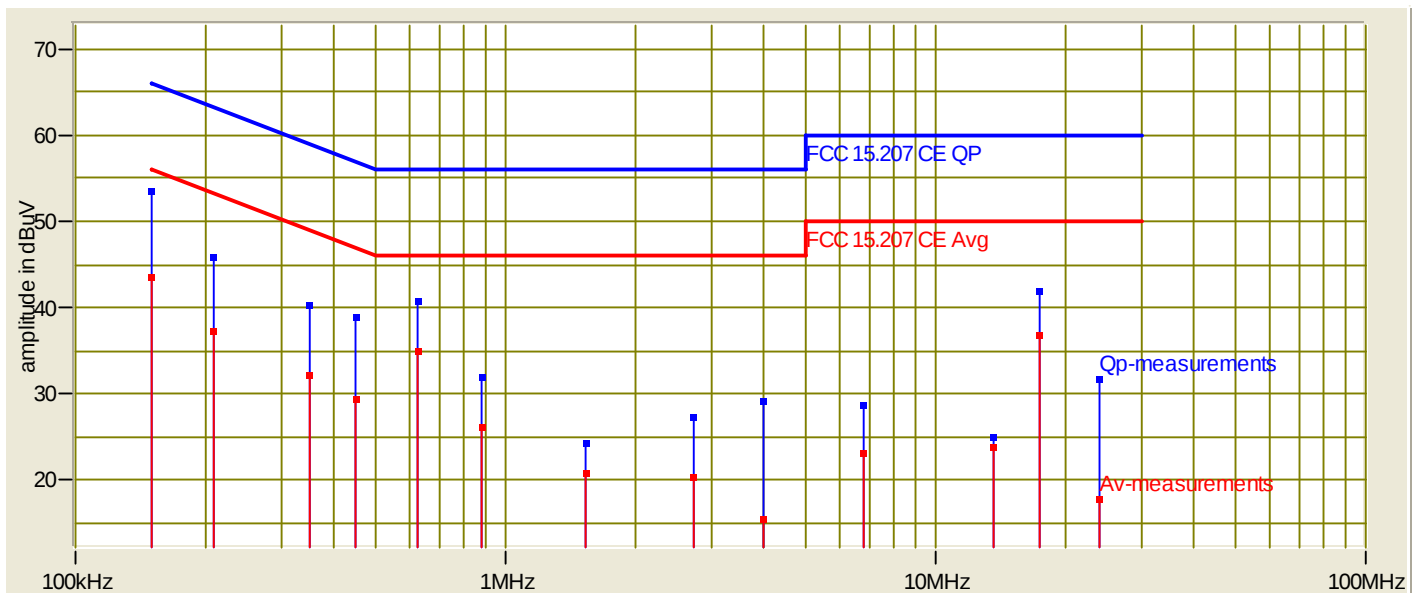
EUT Description: Electric Meter

Notes:

Data File Name: 5024.dat

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Graph:



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