

CONDUCTED EMISSIONS



Test Report #: 2705 Run 4 Test Area: LTS

EUT Model #: 52-846-03-900 Rev F Date: 6/4/04

EUT Serial #: EUT Power: 60 Hz / 110 VAC Temperature: 23.0 °C

Test Method: Air Pressure: 99.0 kPa

Customer: GE Security Rel. Humidity: 36.0 %

EUT Description: Allegro SuperBus 2000. 900 MHz transceiver

Notes:

Data File Name: 2705.dat

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List of measurements for run #: 4

FREQ	LEVEL (dBuV)	CABLE / ANT / PREAMP / ATTEN (dB)	FINAL (dBuV / m)	EUT Lead	DELTA1 FCC-B CE	DELTA2 EN55022 B Qp
150.0 kHz	33.29 Qp	0.1 / 3.0 / 0.0 / 0.0	36.39	N	n/a	-29.61
160.0 kHz	29.17 Qp	0.1 / 2.8 / 0.0 / 0.0	32.07	N	n/a	-33.39
250.0 kHz	25.7 Qp	0.1 / 1.75 / 0.0 / 0.0	27.55	N	n/a	-34.21
285.0 kHz	24.51 Qp	0.1 / 1.58 / 0.0 / 0.0	26.19	N	n/a	-34.48
1.187 MHz	7.56 Qp	0.2 / 0.05 / 0.0 / 0.0	7.81	N	-40.19	-48.19
4.645 MHz	1.75 Qp	0.46 / 0.05 / 0.0 / 0.0	2.26	N	-45.74	-53.74
8.0 MHz	8.19 Qp	0.6 / 0.05 / 0.0 / 0.0	8.84	N	-39.16	-51.16
24.0 MHz	8.85 Qp	1.13 / 0.1 / 0.0 / 0.0	10.08	N	-37.92	-49.92
150.0 kHz	33.33 Qp	0.1 / 3.0 / 0.0 / 0.0	36.43	L1	n/a	-29.57
160.0 kHz	29.35 Qp	0.1 / 2.8 / 0.0 / 0.0	32.25	L1	n/a	-33.21
250.0 kHz	25.89 Qp	0.1 / 1.75 / 0.0 / 0.0	27.74	L1	n/a	-34.02
285.0 kHz	24.45 Qp	0.1 / 1.58 / 0.0 / 0.0	26.13	L1	n/a	-34.54
1.187 MHz	7.21 Qp	0.2 / 0.05 / 0.0 / 0.0	7.46	L1	-40.54	-48.54
4.645 MHz	1.77 Qp	0.46 / 0.05 / 0.0 / 0.0	2.28	L1	-45.72	-53.72
8.0 MHz	-1.79 Qp	0.6 / 0.05 / 0.0 / 0.0	-1.14	L1	-49.14	-61.14
24.0 MHz	-3.06 Qp	1.13 / 0.1 / 0.0 / 0.0	-1.83	L1	-49.83	-61.83

End of data.

Tested by: J. C. Sausen
Printed Signature

Reviewed
by: Printed Signature

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Measurement summary for limit1: FCC-B CE (Qp)

FREQ	LEVEL (dBuV)	CABLE / ANT / PREAMP / ATTEN (dB)	FINAL (dBuV / m)	EUT Lead	DELTA1 FCC-B CE
24.0 MHz	8.85 Qp	1.13 / 0.1 / 0.0 / 0.0	10.08	N	-37.92
8.0 MHz	8.19 Qp	0.6 / 0.05 / 0.0 / 0.0	8.84	N	-39.16
1.187 MHz	7.56 Qp	0.2 / 0.05 / 0.0 / 0.0	7.81	N	-40.19
4.645 MHz	1.77 Qp	0.46 / 0.05 / 0.0 / 0.0	2.28	L1	-45.72

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EUT Description: Allegro SuperBus 2000. 900 MHz transceiver

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Measurement summary for limit2: EN55022 B Qp (Qp)

FREQ	LEVEL (dBuV)	CABLE / ANT / PREAMP / ATTEN (dB)	FINAL (dBuV / m)	EUT Lead	DELTA2 EN55022 B Qp
150.0 kHz	33.33 Qp	0.1 / 3.0 / 0.0 / 0.0	36.43	L1	-29.57
160.0 kHz	29.35 Qp	0.1 / 2.8 / 0.0 / 0.0	32.25	L1	-33.21
250.0 kHz	25.89 Qp	0.1 / 1.75 / 0.0 / 0.0	27.74	L1	-34.02
285.0 kHz	24.51 Qp	0.1 / 1.58 / 0.0 / 0.0	26.19	N	-34.48
1.187 MHz	7.56 Qp	0.2 / 0.05 / 0.0 / 0.0	7.81	N	-48.19
24.0 MHz	8.85 Qp	1.13 / 0.1 / 0.0 / 0.0	10.08	N	-49.92
8.0 MHz	8.19 Qp	0.6 / 0.05 / 0.0 / 0.0	8.84	N	-51.16
4.645 MHz	1.77 Qp	0.46 / 0.05 / 0.0 / 0.0	2.28	L1	-53.72

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EUT Serial #: _____ EUT Power: 60 Hz / 110 VAC Temperature: 23.0 °C

Test Method: _____ Air Pressure: 99.0 kPa

Customer: GE Security Rel. Humidity: 36.0 %

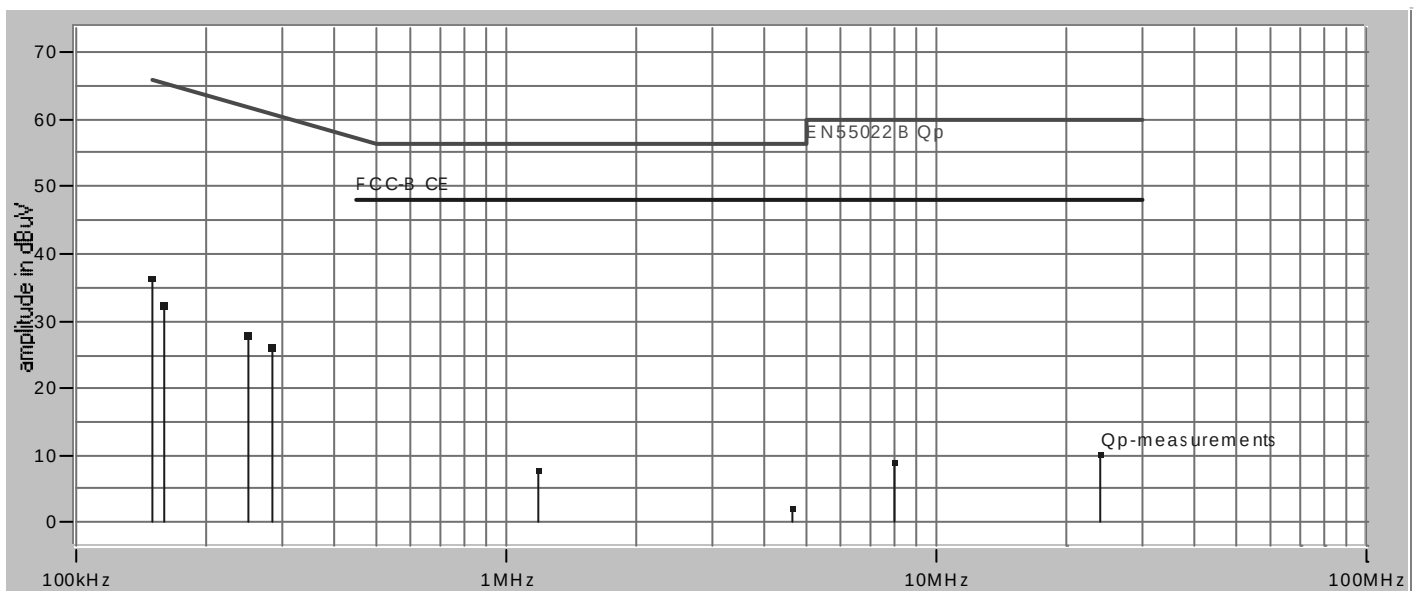
EUT Description: Allegro SuperBus 2000. 900 MHz transceiver

Notes: _____

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Graph:



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