

RADIATED EMISSIONS



Test Report #: 2705 Run 2 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: 2707-2-rad.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	DELTA2
Harmonics of 902 MHz:						
2.706 GHz	69.15 Pk	4.48 / 31.11 / 43.84 / 0.2	61.1	H / 1.00 / 0	n/a	n/a
3.608 GHz	55.75 Pk	5.48 / 33.26 / 44.45 / 0.4	50.44	H / 1.00 / 0	n/a	n/a
2.706 GHz	64.35 Pk	4.48 / 31.11 / 43.84 / 0.2	56.3	V / 1.00 / 0	n/a	n/a
3.608 GHz	50.4 Pk	5.48 / 33.26 / 44.45 / 0.4	45.09	V / 1.00 / 0	n/a	n/a
915 MHz:						
2.746 GHz	64.7 Pk	4.5 / 31.19 / 43.93 / 0.2	56.67	V / 1.00 / 0	n/a	n/a
3.661 GHz	50.4 Pk	5.53 / 33.39 / 44.51 / 0.42	45.23	V / 1.00 / 0	n/a	n/a
2.746 GHz	69.35 Pk	4.5 / 31.19 / 43.93 / 0.2	61.32	H / 1.00 / 0	n/a	n/a
3.661 GHz	56.5 Pk	5.53 / 33.39 / 44.51 / 0.42	51.33	H / 1.00 / 0	n/a	n/a
928 MHz:						
2.784 GHz	67.8 Pk	4.54 / 31.27 / 44.01 / 0.2	59.8	H / 1.00 / 0	n/a	n/a
3.712 GHz	53.6 Pk	5.57 / 33.51 / 44.58 / 0.44	48.55	H / 1.00 / 0	n/a	n/a
3.712 GHz	53.0 Pk	5.57 / 33.51 / 44.58 / 0.44	47.95	V / 1.00 / 0	n/a	n/a
2.784 GHz	61.25 Pk	4.54 / 31.27 / 44.01 / 0.2	53.25	V / 1.00 / 0	n/a	n/a
902 MHz:						
4.51 GHz	41.55 Pk	6.13 / 33.73 / 44.35 / 0.3	37.36	V / 1.00 / 0	n/a	n/a
5.412 GHz	42.8 Pk	6.75 / 35.76 / 44.0 / 0.5	41.81	V / 1.00 / 0	n/a	n/a
4.51 GHz	45.15 Pk	6.13 / 33.73 / 44.35 / 0.3	40.96	H / 1.00 / 0	n/a	n/a
5.412 GHz	45.9 Pk	6.75 / 35.76 / 44.0 / 0.5	44.91	H / 1.00 / 0	n/a	n/a
7.216 GHz	38.9 Pk	8.1 / 37.23 / 44.1 / 0.59	40.72	H / 1.00 / 0	n/a	n/a
7.216 GHz	40.2 Pk	8.1 / 37.23 / 44.1 / 0.59	42.02	V / 1.00 / 0	n/a	n/a
915 MHz:						
4.576 GHz	42.05 Pk	6.17 / 33.91 / 44.31 / 0.3	38.13	V / 1.00 / 0	n/a	n/a

Tested by: J. C. Sausen
Printed Signature

Reviewed by:
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5.491 GHz	44.6 Pk	6.79 / 35.89 / 44.0 / 0.5	43.78	V / 1.00 / 0	n/a	n/a
7.322 GHz	39.35 Pk	8.1 / 37.44 / 44.06 / 0.63	41.47	V / 1.00 / 0	n/a	n/a
4.576 GHz	47.6 Pk	6.17 / 33.91 / 44.31 / 0.3	43.68	H / 1.00 / 0	n/a	n/a
5.491 GHz	46.15 Pk	6.79 / 35.89 / 44.0 / 0.5	45.33	H / 1.00 / 0	n/a	n/a
7.322 GHz	38.65 Pk	8.1 / 37.44 / 44.06 / 0.63	40.77	H / 1.00 / 0	n/a	n/a
928 MHz:						
4.639 GHz	40.7 Pk	6.21 / 34.09 / 44.26 / 0.31	37.05	H / 1.00 / 0	n/a	n/a
5.567 GHz	48.6 Pk	6.84 / 36.02 / 44.0 / 0.5	47.96	H / 1.00 / 0	n/a	n/a
7.423 GHz	37.6 Pk	8.11 / 37.65 / 44.02 / 0.67	40.01	H / 1.00 / 0	n/a	n/a
4.639 GHz	39.3 Pk	6.21 / 34.09 / 44.26 / 0.31	35.65	V / 1.00 / 0	n/a	n/a
5.567 GHz	39.7 Pk	6.84 / 36.02 / 44.0 / 0.5	39.06	V / 1.00 / 0	n/a	n/a
7.423 GHz	35.25 Pk	8.11 / 37.65 / 44.02 / 0.67	37.66	V / 1.00 / 0	n/a	n/a
8.351 GHz	34.05 Pk	8.99 / 37.78 / 43.32 / 0.4	37.9	V / 1.00 / 0	n/a	n/a
9.279 GHz	36.2 Pk	9.38 / 38.94 / 43.55 / 0.21	41.18	V / 1.00 / 0	n/a	n/a
8.351 GHz	38.0 Pk	8.99 / 37.78 / 43.32 / 0.4	41.85	H / 1.00 / 0	n/a	n/a
9.279 GHz	34.1 Pk	9.38 / 38.94 / 43.55 / 0.21	39.08	H / 1.00 / 0	n/a	n/a
902 MHz:						
8.144 GHz	35.0 Pk	8.66 / 37.62 / 43.42 / 0.4	38.25	H / 1.00 / 0	n/a	n/a
9.072 GHz	37.95 Pk	9.3 / 39.36 / 43.44 / 0.25	43.41	H / 1.00 / 0	n/a	n/a
8.144 GHz	36.35 Pk	8.66 / 37.62 / 43.42 / 0.4	39.6	V / 1.00 / 0	n/a	n/a
9.072 GHz	37.0 Pk	9.3 / 39.36 / 43.44 / 0.25	42.46	V / 1.00 / 0	n/a	n/a
915 MHz:						
8.237 GHz	34.55 Pk	8.81 / 37.69 / 43.38 / 0.4	38.07	V / 1.00 / 0	n/a	n/a
9.152 GHz	35.5 Pk	9.33 / 39.2 / 43.48 / 0.23	40.77	V / 1.00 / 0	n/a	n/a
8.237 GHz	34.8 Pk	8.81 / 37.69 / 43.38 / 0.4	38.32	H / 1.00 / 0	n/a	n/a

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9.152 GHz	35.5 Pk	9.33 / 39.2 / 43.48 / 0.23	40.77	H / 1.00 / 0	n/a	n/a
End of harmonic measurements.						

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Reviewed
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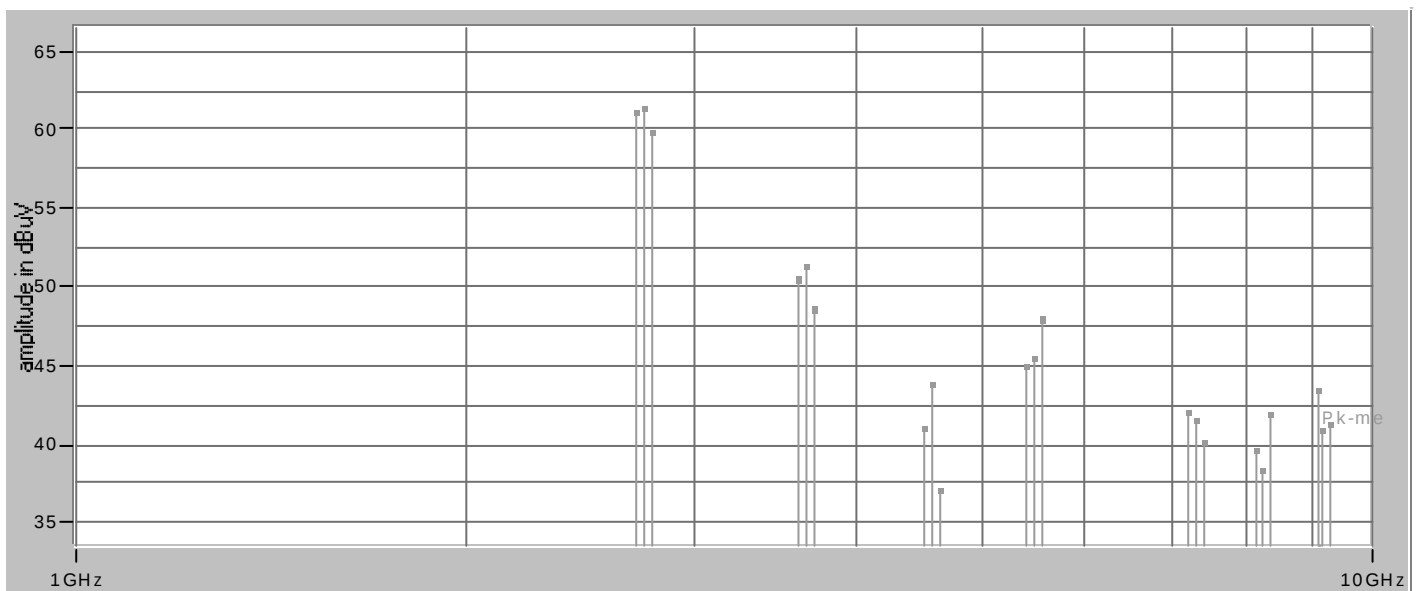
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Graph:



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