

CONDUCTED EMISSION DATA

Date of Test	August 9, 2000	EUT	AWT951 B/C
Test Mode	Channel 1	Detect Mode	Quasi-Peak

Frequency	Cable	LISN	Reading Level	Measurement Level	Limits
	Loss	Factor	Line1	Line1	
MHz	dB	dB	dBuV	dBuV	dBuV
0.466	0.06	0.10	31.25	31.41	48.00
0.587	0.07	0.10	25.87	26.04	48.00
0.861	0.09	0.10	19.05	19.24	48.00
6.115	0.22	0.18	17.78	18.18	48.00
8.291	0.26	0.19	24.41	24.86	48.00
*20.373	0.36	0.46	36.98	37.80	48.00

Frequency	Cable	LISN	Reading Level	Measurement Level	Limits
	Loss	Factor	Line2	Line2	
MHz	dB	dB	dBuV	dBuV	dBuV
0.457	0.06	0.10	34.36	34.52	48.00
0.525	0.07	0.10	31.14	31.31	48.00
0.873	0.09	0.10	21.86	22.05	48.00
1.353	0.12	0.11	16.43	16.66	48.00
6.181	0.22	0.18	16.51	16.91	48.00
*20.345	0.36	0.46	36.76	37.58	48.00

Remarks :

1. “ * ” means that this data is the worst emission level.
2. The average measurement was not performed when the peak measured data under the limit of average detection.



CONDUCTED EMISSION DATA

Date of Test : August 9, 2000 EUT : AWT951 B/C
 Test Mode : Channel 2 Detect Mode : Quasi-Peak

Frequency	Cable	LISN	Reading Level	Measurement Level	Limits
	Loss	Factor	Line1	Line1	
MHz	dB	dB	dBuV	dBuV	dBuV
0.457	0.06	0.10	32.73	32.89	48.00
0.517	0.07	0.10	30.19	30.36	48.00
0.658	0.08	0.10	23.63	23.81	48.00
6.115	0.22	0.18	18.25	18.65	48.00
7.822	0.25	0.19	18.40	18.84	48.00
*21.033	0.36	0.47	35.21	36.04	48.00

Frequency	Cable	LISN	Reading Level	Measurement Level	Limits
	Loss	Factor	Line2	Line2	
MHz	dB	dB	dBuV	dBuV	dBuV
0.486	0.06	0.10	33.28	33.44	48.00
0.541	0.07	0.10	30.07	30.24	48.00
0.587	0.07	0.10	28.32	28.49	48.00
6.181	0.22	0.18	16.94	17.34	48.00
7.834	0.25	0.19	15.80	16.24	48.00
*20.170	0.36	0.45	36.31	37.12	48.00

Remarks :

1. “ * ” means that this data is the worst emission level.
2. The average measurement was not performed when the peak measured data under the limit of average detection.



CONDUCTED EMISSION DATA

Date of Test : August 9, 2000 EUT : AWT951 B/C
 Test Mode : Channel 4 Detect Mode : Quasi-Peak

Frequency	Cable	LISN	Reading Level	Measurement Level	Limits
MHz	Loss	Factor	Line1	Line1	
	dB	dB	dBuV	dBuV	dBuV
0.486	0.06	0.10	30.97	31.13	48.00
0.541	0.07	0.10	28.53	28.70	48.00
0.916	0.10	0.10	17.53	17.73	48.00
6.115	0.22	0.18	20.03	20.43	48.00
7.697	0.25	0.19	17.02	17.46	48.00
*20.627	0.36	0.46	36.49	37.31	48.00

Frequency	Cable	LISN	Reading Level	Measurement Level	Limits
MHz	Loss	Factor	Line2	Line2	
	dB	dB	dBuV	dBuV	dBuV
0.545	0.07	0.10	29.67	29.84	48.00
0.740	0.08	0.10	25.32	25.50	48.00
1.212	0.11	0.11	16.86	17.08	48.00
6.185	0.22	0.18	12.00	12.40	48.00
7.822	0.25	0.19	17.26	17.70	48.00
*20.654	0.36	0.46	35.59	36.41	48.00

Remarks :

1. “ * ” means that this data is the worst emission level.
2. The average measurement was not performed when the peak measured data under the limit of average detection.



General Radiated Emission Data

Date of Test	:	August 9, 2000	EUT	:	AWT951 B/C
Test Mode	:	Channel 1	Test Site	:	Open Site 2

Freq.	Cable	Probe	PreAMP	Reading	Measurement	Margin	Limit	Ant	Turn
	Loss	Factor		Level	HORIZONTAL				
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
*36.790	1.04	14.60	26.00	35.40	25.05	14.95	40.00	0	0
42.610	1.07	11.31	26.00	35.20	21.58	18.42	40.00	0	0
49.400	1.10	7.64	26.00	37.00	19.74	20.26	40.00	0	0
68.800	1.18	7.76	26.00	44.80	27.74	12.26	40.00	0	0
151.250	1.52	11.74	26.00	35.40	22.66	17.34	40.00	0	0
462.620	2.79	17.37	26.00	31.40	25.56	21.44	47.00	0	0

Freq.	Cable	Probe	PreAMP	Reading	Measurement	Margin	Limit	Ant	Turn
	Loss	Factor		Level	VERTICAL				
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
*36.790	1.04	12.97	26.00	48.20	36.21	3.79	40.00	0	0
42.610	1.07	10.51	26.00	45.60	31.18	8.82	40.00	0	0
54.250	1.12	8.24	26.00	42.80	26.15	13.85	40.00	0	0
81.410	1.23	9.51	26.00	35.80	20.54	19.46	40.00	0	0
96.930	1.29	10.96	26.00	33.80	20.06	19.94	40.00	0	0
150.280	1.51	10.38	26.00	32.80	18.69	21.31	40.00	0	0

Remarks:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss



General Radiated Emission Data

Date of Test	: August 9, 2000	EUT	:	AWT951 B/C
Test Mode	: Channel 2	Test Site	:	Open Site 2

Freq.	Cable	Probe	PreAMP	Reading	Measurement	Margin	Limit	Ant	Turn
	Loss	Factor		Level	HORIZONTAL				
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
*30.000	1.02	19.36	26.00	30.60	24.98	15.02	40.00	0	0
36.790	1.04	14.60	26.00	35.20	24.85	15.15	40.00	0	0
42.610	1.07	11.31	26.00	35.00	21.38	18.62	40.00	0	0
96.930	1.29	11.94	26.00	32.60	19.83	20.17	40.00	0	0
151.250	1.52	11.74	26.00	35.40	22.66	17.34	40.00	0	0
307.420	2.16	13.81	26.00	30.20	20.16	26.84	47.00	0	0

Freq.	Cable	Probe	PreAMP	Reading	Measurement	Margin	Limit	Ant	Turn
	Loss	Factor		Level	VERTICAL				
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
*36.790	1.04	12.97	26.00	48.20	36.21	3.79	40.00	0	0
42.610	1.07	10.51	26.00	45.40	30.98	9.02	40.00	0	0
54.250	1.12	8.24	26.00	40.00	23.35	16.65	40.00	0	0
66.860	1.17	8.34	26.00	47.00	30.50	9.50	40.00	0	0
95.960	1.29	10.72	26.00	34.00	20.01	19.99	40.00	0	0
121.180	1.39	11.87	26.00	36.80	24.06	15.94	40.00	0	0

Remarks:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss



General Radiated Emission Data

Date of Test	: August 9, 2000	EUT	:	AWT951 B/C
Test Mode	: Channel 4	Test Site	:	Open Site 2

Freq.	Cable	Probe	PreAMP	Reading	Measurement	Margin	Limit	Ant	Turn
	Loss	Factor		Level	HORIZONTAL				
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
*36.790	1.04	14.60	26.00	35.60	25.25	14.75	40.00	0	0
49.400	1.10	7.64	26.00	37.00	19.74	20.26	40.00	0	0
96.930	1.29	11.94	26.00	32.40	19.63	20.37	40.00	0	0
153.190	1.52	11.71	26.00	34.00	21.23	18.77	40.00	0	0
263.770	1.98	13.41	26.00	29.40	18.79	28.21	47.00	0	0
461.650	2.79	17.37	26.00	31.20	25.36	21.64	47.00	0	0

Freq.	Cable	Probe	PreAMP	Reading	Measurement	Margin	Limit	Ant	Turn
	Loss	Factor		Level	VERTICAL				
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
*36.790	1.04	12.97	26.00	48.00	36.01	3.99	40.00	0	0
42.610	1.07	10.51	26.00	45.00	30.58	9.42	40.00	0	0
64.920	1.16	8.14	26.00	43.40	26.70	13.30	40.00	0	0
96.930	1.29	10.96	26.00	33.80	20.06	19.94	40.00	0	0
133.790	1.44	11.78	26.00	31.40	18.62	21.38	40.00	0	0
308.390	2.16	14.00	26.00	30.40	20.56	26.44	47.00	0	0

Remarks:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss



Fundamental Radiated Emission Data

Date of Test : August 9, 2000 EUT : AWT951 B/C
 Test Mode : Normal Test Site : Open Site 2

Freq.	Cable Loss	Probe Factor	PreAMP	Reading Level	Measurement Horizontal	Margin	Limit	Ant	Turn
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg

Peak Detector

Channel 1

2412.890	3.84	29.26	0.00	53.92	87.02	26.98	114.00	0	0
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Channel 2

2431.360	3.86	29.31	34.90	79.14	77.40	36.60	114.00	0	0
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Channel 4

2466.920	3.89	29.39	0.00	53.10	86.39	27.61	114.00	0	0
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Freq.	Cable Loss	Probe Factor	PreAMP	Reading Level	Measurement Vertical	Margin	Limit	Ant	Turn
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg

Peak Detector

Channel 1

2414.570	3.84	29.26	0.00	64.34	97.44	16.56	114.00	0	0
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Average:

2413.930	3.84	29.26	0.00	59.70	92.80	1.20	94.00	0	0
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Channel 2

2431.850	3.86	29.31	34.90	89.94	88.20	5.80	94.00	0	0
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Channel 4

2466.460	3.89	29.39	0.00	60.91	94.20	19.80	114.00	0	0
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Average:

2468.230	3.89	29.39	0.00	53.38	86.67	7.33	94.00	0	0
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Remarks:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss
4. The average measurement was not performed when the peak measured data under the limit of average detection.



Harmonic Radiated Emission Data

Date of Test	:	August 9, 2000	EUT	:	AWT951 B/C
Test Mode	:	Channel 1	Test Site	:	Open Site 2

Freq.	Cable	Probe	PreAMP	Reading	Measurement	Margin	Limit	Ant	Turn
	Loss	Factor		Level	Horizontal				
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg

Peak Detector:

4829.010	6.27	33.50	34.77	45.70	50.70	23.30	74.00	0	0
7243.650	8.32	36.24	34.90	42.55	<52.21	21.79	74.00	0	0
9656.930	10.18	37.43	35.10	43.29	<55.80	18.20	74.00	0	0

Average Detector:

9656.890	10.18	37.43	35.10	32.12	44.63	9.37	54.00	0	0
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Remarks:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss
4. The average measurement was not performed when the peak measured data under the limit of average detection.



Harmonic Radiated Emission Data

Date of Test	:	August 9, 2000	EUT	:	AWT951 B/C
Test Mode	:	Channel 1	Test Site	:	Open Site 2

Freq.	Cable	Probe	PreAMP	Reading	Measurement	Margin	Limit	Ant	Turn
	Loss	Factor		Level	Vertical				
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg

Peak Detector:

4827.550	6.27	33.50	34.77	50.34	55.34	18.66	74.00	0	0
7241.350	8.32	36.24	34.90	43.20	<52.86	21.14	74.00	0	0
9655.430	10.18	37.43	35.10	44.34	<56.85	17.15	74.00	0	0

Average Detector:

4828.170	6.27	33.50	34.77	42.27	47.27	6.73	54.00	0	0
9655.270	10.18	37.43	35.10	32.13	<44.64	9.36	54.00	0	0

Remarks:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss
4. The average measurement was not performed when the peak measured data under the limit of average detection.



Harmonic Radiated Emission Data

Date of Test	: August 9, 2000	EUT	:	AWT951 B/C
Test Mode	: Channel 2	Test Site	:	Open Site 2

Freq.	Cable	Probe	PreAMP	Reading	Measurement	Margin	Limit	Ant	Turn
	Loss	Factor		Level	Horizontal				
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg

Peak Detector:

4858.440	6.30	33.54	34.76	47.00	52.09	21.91	74.00	0	0
7291.220	8.37	36.29	34.90	40.28	50.03	23.97	74.00	0	0
9722.440	10.23	37.44	35.10	42.27	<54.84	19.16	74.00	0	0
12156.98	11.97	39.16	34.58	41.01	<57.56	16.44	74.00	0	0

Average Detector:

9725.220	10.23	37.44	35.10	28.36	<40.93	13.07	54.00	0	0
12156.98	11.97	39.16	34.58	28.11	<44.66	9.34	54.00	0	0

Remarks:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss
4. The average measurement was not performed when the peak measured data under the limit of average detection.



Harmonic Radiated Emission Data

Date of Test	: August 9, 2000	EUT	:	AWT951 B/C
Test Mode	: Channel 2	Test Site	:	Open Site 2

Freq.	Cable	Probe	PreAMP	Reading	Measurement	Margin	Limit	Ant	Turn
MHz	Loss	Factor	dB	Level	Vertical	dB	dBuV/m	cm	deg
	dB	dB/m	dB	dBuV	dBuV/m				

Peak Detector:

4862.350	6.30	33.54	34.76	46.54	51.63	22.37	74.00	0	0
7299.900	8.38	36.31	34.90	41.86	51.64	22.36	74.00	0	0
9722.850	10.23	37.44	35.10	41.98	<54.55	19.45	74.00	0	0
12157.00	11.97	39.16	34.58	41.16	<57.71	16.29	74.00	0	0

Average Detector:

9726.530	10.23	37.44	35.10	28.34	<40.91	13.09	54.00	0	0
12157.96	11.97	39.16	34.58	28.17	<44.72	9.28	54.00	0	0

Remarks:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss
4. The average measurement was not performed when the peak measured data under the limit of average detection.



Harmonic Radiated Emission Data

Date of Test	: August 9, 2000	EUT	: AWT951 B/C
Test Mode	: Channel 4	Test Site	: Open Site 2

Freq.	Cable Loss	Probe Factor	PreAMP	Reading Level	Measurement Horizontal	Margin	Limit	Ant	Turn
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg

Peak Detector:

4938.740	6.38	33.64	34.72	48.10	53.40	20.60	74.00	0	0
7405.020	8.46	36.41	34.90	43.03	<53.00	21.00	74.00	0	0
9872.820	10.34	37.47	35.10	45.04	<57.76	16.24	74.00	0	0

Average Detector:

9873.220	10.34	37.47	35.10	32.35	<45.07	8.93	54.00	0	0
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Remarks:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss
4. The average measurement was not performed when the peak measured data under the limit of average detection.



Harmonic Radiated Emission Data

Date of Test	:	August 9, 2000	EUT	:	AWT951 B/C
Test Mode	:	Channel 4	Test Site	:	Open Site 2

Freq.	Cable	Probe	PreAMP	Reading	Measurement	Margin	Limit	Ant	Turn
	Loss	Factor		Level	Vertical				
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg

Peak Detector:

4935.580	6.38	33.64	34.72	48.99	54.29	19.71	74.00	0	0
7404.180	8.46	36.41	34.90	43.30	<53.27	20.73	74.00	0	0
9871.500	10.34	37.47	35.10	44.24	<56.96	17.04	74.00	0	0

Average Detector:

9871.500	10.34	37.47	35.10	32.28	<45.00	9.00	54.00	0	0
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Remarks:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss
4. The average measurement was not performed when the peak measured data under the limit of average detection.

