CONDUCTED EMISSION DATA

Date of Test	:	JULY 3, 2000	EUT	:	DVL-1000TX
Test Mode	:	Channel 1	Detect Mode	:	Quasi-Peak

Frequency MHz	Cable Loss dB	LISN Factor dB	Reading Level Line1 dBuV	Measurement Level Line1 dBuV	Limits dBuV
*0.563	0.07	0.10	36.98	37.15	48.00
0.595	0.07	0.10	36.33	36.50	48.00
0.684	0.08	0.10	31.98	32.16	48.00
0.919	0.10	0.10	28.27	28.47	48.00
1.145	0.11	0.11	25.30	25.51	48.00
1.536	0.13	0.12	28.22	28.47	48.00

Frequency MHz	Cable Loss dB	LISN Factor dB	Reading Level Line2 dBuV	Measurement Level Line2 dBuV	Limits dBuV
*0.470	0.06	0.10	38.56	38.72	48.00
0.497	0.06	0.10	38.41	38.57	48.00
0.548	0.07	0.10	37.96	38.13	48.00
0.637	0.08	0.10	36.94	37.12	48.00
0.739	0.08	0.10	32.71	32.89	48.00
0.841	0.09	0.10	28.70	28.89	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	:	JULY 3, 2000	EUT	:	DVL-1000TX
Test Mode	:	Channel 2	Detect Mode	:	Quasi-Peak

Frequency MHz	Cable Loss dB	LISN Factor dB	Reading Level Line1 dBuV	Measurement Level Line1 dBuV	Limits dBuV
*0.462	0.06	0.10	29.20	29.36	48.00
0.524	0.07	0.10	27.57	27.74	48.00
0.579	0.07	0.10	29.02	29.19	48.00
0.602	0.07	0.10	28.76	28.93	48.00
0.657	0.08	0.10	25.80	25.98	48.00
1.442	0.12	0.12	23.84	24.08	48.00

Frequency MHz	Cable Loss dB	LISN Factor dB	Reading Level Line2 dBuV	Measurement Level Line2 dBuV	Limits dBuV
*0.454	0.06	0.10	38.80	38.96	48.00
0.493	0.06	0.10	38.55	38.71	48.00
0.563	0.07	0.10	38.04	38.21	48.00
0.618	0.07	0.10	37.47	37.64	48.00
0.696	0.08	0.10	34.78	34.96	48.00
0.794	0.09	0.10	31.28	31.47	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	:	JULY 3, 2000	EUT	:	DVL-1000TX
Test Mode	:	Channel 4	Detect Mode	:	Quasi-Peak

Frequency MHz	Cable Loss dB	LISN Factor dB	Reading Level Line1 dBuV	Measurement Level Line1 dBuV	Limits dBuV
0.477	0.06	0.10	28.47	28.63	48.00
0.516	0.07	0.10	27.76	27.93	48.00
*0.555	0.07	0.10	28.47	28.64	48.00
0.645	0.08	0.10	26.69	26.87	48.00
0.829	0.09	0.10	24.35	24.54	48.00
0.919	0.10	0.10	24.80	25.00	48.00

Frequency MHz	Cable Loss dB	LISN Factor dB	Reading Level Line2 dBuV	Measurement Level Line2 dBuV	Limits dBuV
*0.450	0.06	0.10	39.07	39.23	48.00
0.477	0.06	0.10	38.76	38.92	48.00
0.520	0.07	0.10	38.48	38.65	48.00
0.555	0.07	0.10	38.16	38.33	48.00
0.626	0.08	0.10	37.55	37.73	48.00
0.692	0.08	0.10	35.14	35.32	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	:	JULY 3, 2000	EUT	:	DVL-1000TX
Test Mode	:	Channel 1	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
*43.265	1.28	10.74	0.00	0.10	12.12	27.88	40.00	216	95
86.625	1.69	10.69	0.00	-3.83	8.55	31.45	40.00	182	23
143.025	2.23	12.10	0.00	-0.30	14.03	29.47	43.50	174	96
165.362	2.46	11.07	0.00	-1.84	11.69	31.81	43.50	186	78
223.364	3.02	10.58	0.00	-1.00	12.59	33.41	46.00	126	69
243.065	3.20	12.44	0.00	0.42	16.07	29.93	46.00	159	76

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
53.320	1.37	7.54	0.00	-5.35	3.56	36.44	40.00	99	181
64.200	1.48	8.04	0.00	0.83	10.35	29.65	40.00	99	154
110.000	1.93	12.00	0.00	-1.52	12.40	31.10	43.50	99	6
*120.000	2.02	11.86	0.00	0.77	14.65	28.85	43.50	99	34
174.100	2.53	8.16	0.00	-2.60	8.09	35.41	43.50	99	48
205.756	2.84	9.71	0.00	-5.08	7.47	36.03	43.50	99	201

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	:	JULY 3, 2000	EUT	:	DVL-1000TX
Test Mode	:	Channel 2	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
39.850	1.24	12.66	0.00	-2.17	11.74	28.26	40.00	398	85
*65.340	1.49	6.64	0.00	6.10	14.23	25.77	40.00	398	57
165.256	2.46	11.07	0.00	-1.19	12.34	31.16	43.50	148	89
212.326	2.91	9.91	0.00	-0.54	12.27	31.23	43.50	148	78
220.840	2.99	10.38	0.00	2.42	15.79	30.21	46.00	398	131
263.123	3.39	13.59	0.00	0.24	17.22	28.78	46.00	126	91

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
*39.625	1.24	11.54	0.00	1.08	13.87	26.13	40.00	100	11
53.156	1.37	7.54	0.00	-2.82	6.09	33.91	40.00	100	152
136.625	2.18	11.69	0.00	1.11	14.98	28.52	43.50	100	158
152.626	2.33	10.37	0.00	-3.39	9.30	34.20	43.50	100	48
195.626	2.75	8.79	0.00	1.29	12.82	30.68	43.50	100	69
244.326	3.21	12.93	0.00	-3.33	12.81	33.19	46.00	100	169

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	:	JULY 3, 2000	EUT	:	DVL-1000TX
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
*41.032	1.25	12.01	0.00	3.02	16.29	23.71	40.00	249	96
69.365	1.53	7.88	0.00	-1.59	7.82	32.18	40.00	251	15
123.012	2.05	12.78	0.00	0.21	15.04	28.46	43.50	176	103
152.126	2.33	11.74	0.00	-1.16	12.91	30.59	43.50	185	93
216.365	2.94	10.08	0.00	-1.21	11.82	34.18	46.00	156	120
225.365	3.03	10.82	0.00	0.98	14.83	31.17	46.00	144	100

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
*42.326	1.27	10.51	0.00	-1.40	10.38	29.62	40.00	100	48
54.626	1.38	8.24	0.00	-1.60	8.02	31.98	40.00	100	136
155.659	2.36	10.26	0.00	2.45	15.07	28.43	43.50	101	78
182.625	2.62	7.69	0.00	0.24	10.55	32.95	43.50	100	51
244.695	3.22	13.09	0.00	-3.33	12.99	33.01	46.00	100	59
263.326	3.39	13.65	0.00	-1.46	15.58	30.42	46.00	100	88

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	:	JULY 3, 2000	EUT	:	DVL-1000TX
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									
2410.120	3.84	29.26	34.50	85.48	84.08	29.92	114.00	0	0
Channel 2									
2430.100	3.86	29.31	34.50	87.28	85.94	28.06	114.00	0	0
Channel 4									
2470.120	3.89	29.39	34.50	88.88	87.67	26.33	114.00	0	0

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									
2410.120	3.84	29.26	34.50	88.38	86.98	27.02	114.00	0	0
Channel 2									
2430.140	3.86	29.31	34.50	85.98	84.64	29.36	114.00	0	0
Channel 4									
2470.140	3.89	29.39	34.50	87.97	86.76	27.24	114.00	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	:	JULY 3, 2000	EUT	:	DVL-1000TX
Test Mode	:	Channel 1	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:									
4940.380	6.38	33.64	34.49	49.32	54.85	19.15	74.00	0	0
7410.430	8.46	36.41	34.76	42.02	<52.12	21.88	74.00	0	0
9880.600	10.34	37.47	35.12	43.42	<56.11	17.89	74.00	0	0
Average Detector:									
4940.335	6.38	33.64	34.49	46.44	51.97	2.03	54.00	0	0
9880.590	10.34	37.47	35.12	32.50	<45.19	8.81	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	:	JULY 3, 2000	EUT	:	DVL-1000TX
Test Mode	:	Channel 1	Test Site	:	Open Site 2

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:									
4820.400	6.27	33.50	34.47	44.73	50.04	23.96	74.00	0	0
7230.480	8.31	36.22	34.69	42.46	<52.30	21.70	74.00	0	0
9640.540	10.17	37.43	35.17	42.64	<55.06	18.94	74.00	0	0
Average Detector:									
9640.360	10.17	37.43	35.17	31.35	<43.77	10.23	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	:	JULY 3, 2000	EUT	:	DVL-1000TX
Test Mode	:	Channel 2	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:									
4860.360	6.30	33.54	34.47	48.89	54.26	19.74	74.00	0	0
7290.475	8.37	36.29	34.72	41.45	<51.38	22.62	74.00	0	0
9720.625	10.23	37.44	35.15	43.28	<55.80	18.20	74.00	0	0
Average Detector:									
4860.315	6.30	33.54	34.47	46.63	52.00	2.00	54.00	0	0
9720.625	10.23	37.44	35.15	31.60	<44.12	9.88	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	:	JULY 3, 2000	EUT	:	DVL-1000TX
Test Mode	:	Channel 2	Test Site	:	Open Site 2

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:									
4860.220	6.30	33.54	34.47	46.11	51.48	22.52	74.00	0	0
7290.490	8.37	36.29	34.72	42.00	<51.93	22.07	74.00	0	0
9720.540	10.23	37.44	35.15	43.17	<55.69	18.31	74.00	0	0
Average Detector:									
9720.585	10.23	37.44	35.15	31.47	<43.99	10.01	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	:	JULY 3, 2000	EUT	:	DVL-1000TX
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:									
4940.380	6.38	33.64	34.49	49.32	54.85	19.15	74.00	0	0
7410.430	8.46	36.41	34.76	42.02	<52.12	21.88	74.00	0	0
9880.600	10.34	37.47	35.12	43.42	<56.11	17.89	74.00	0	0
Average Detector:									
4940.335	6.38	33.64	34.49	46.44	51.97	2.03	54.00	0	0
9880.590	10.34	37.47	35.12	32.50	<45.19	8.81	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	:	JULY 3, 2000	EUT	:	DVL-1000TX
Test Mode	:	Channel 4	Test Site	:	Open Site 2

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:									
4940.460	6.38	33.64	34.49	51.02	56.55	17.45	74.00	0	0
7410.380	8.46	36.41	34.76	41.36	<51.46	22.54	74.00	0	0
9880.400	10.34	37.47	35.12	43.65	<56.34	17.66	74.00	0	0
Average Detector:									
4940.325	6.38	33.64	34.49	44.30	49.83	4.17	54.00	0	0
9880.390	10.34	37.47	35.12	31.74	<44.43	9.57	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.