CONDUCTED EMISSION DATA

Date of Test	:	JULY 3, 2000	EUT	:	DVL-2000R
Test Mode	:	Mode 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.

General Radiated Emission Data

Date of Test	:	JULY 3, 2000	EUT	:	DVL-2000R
Test Mode	:	Mode 1	Test Site	:	No.1 Open Test Site

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

Radiated Emission Data

Date of Test	:	JULY 3, 2000	EUT	:	DVL-2000R
Test Mode	:	Mode 1	Test Site	:	No.1 Open Test Site

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
Quasi-Peak Detector									
439.870	3.13	15.51	26.00	79.95	72.59	8.24	80.82	0	0
879.840	5.38	20.09	26.00	60.75	60.23	1.77	62.00	0	0
Peak Detector									
1320.030	2.50	25.76	35.45	53.40	46.22	35.78	82.00	0	0
1760.020	3.08	27.35	35.04	51.16	46.56	35.44	82.00	0	0
2199.840	3.61	28.73	34.90	43.09	<40.53	41.47	82.00	0	0
2639.850	4.08	29.84	34.93	42.63	<41.62	40.38	82.00	0	0
3079.480	4.56	30.92	35.01	42.32	<42.79	39.21	82.00	0	0
3519.330	5.01	31.67	35.08	42.45	<44.04	37.96	82.00	0	0
3959.180	5.45	32.42	34.64	41.43	<44.66	37.34	82.00	0	0
4399.025	5.88	32.99	34.84	41.36	<45.38	36.62	82.00	0	0
Average Detector									
1320.115	2.50	25.76	35.45	48.13	40.95	21.05	62.00	0	0
1759.975	3.08	27.35	35.04	44.18	39.58	22.42	62.00	0	0
2200.055	3.61	28.73	34.90	32.91	30.35	31.65	62.00	0	0
2639.740	4.08	29.84	34.93	30.80	<29.79	32.21	62.00	0	0
3079.590	4.56	30.92	35.01	31.63	<32.10	29.90	62.00	0	0
3519.320	5.01	31.67	35.08	31.88	<33.47	28.53	62.00	0	0
3959.170	5.45	32.42	34.64	31.19	<34.42	27.58	62.00	0	0
4399.020	5.88	32.99	34.84	30.98	<35.00	27.00	62.00	0	0

Remarks:

1. " * ", means this data is the worst emission level.
2. For Average Detect: Probe Factor = Antenna Factor+Duty cycle Factor
3. Emission Level = Reading Level + Probe Factor + Cable loss-PreAmp

Radiated Emission Data

Date of Test	:	JULY 3, 2000	EUT	:	DVL-2000R
Test Mode	:	Mode 1	Test Site	:	No.1 Open Test Site

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
Quasi-Peak Detector									
439.850	3.13	15.59	26.00	81.07	73.79	7.04	80.82	0	0
879.830	5.38	20.29	26.00	59.03	58.70	3.30	62.00	0	0
Peak Detector									
1320.200	2.50	25.76	35.45	53.91	46.73	35.27	82.00	0	0
1760.320	3.08	27.35	35.04	48.51	43.91	38.09	82.00	0	0
2200.320	3.61	28.73	34.90	44.84	42.28	39.72	82.00	0	0
2640.240	4.08	29.84	34.93	41.95	<40.94	41.06	82.00	0	0
3080.140	4.56	30.92	35.01	41.73	<42.20	39.80	82.00	0	0
3519.960	5.01	31.67	35.08	42.02	<43.61	38.39	82.00	0	0
3959.820	5.45	32.42	34.64	42.27	<45.50	36.50	82.00	0	0
4399.730	5.88	32.99	34.84	41.44	<45.46	36.54	82.00	0	0
Average Detector									
1320.170	2.50	25.76	35.45	49.86	42.68	19.32	62.00	0	0
1760.210	3.08	27.35	35.04	41.93	37.33	24.67	62.00	0	0
2200.335	3.61	28.73	34.90	37.42	34.86	27.14	62.00	0	0
2640.290	4.08	29.84	34.93	30.77	<29.76	32.24	62.00	0	0
3080.140	4.56	30.92	35.01	31.51	<31.98	30.02	62.00	0	0
3519.990	5.01	31.67	35.08	31.63	<33.22	28.78	62.00	0	0
3959.840	5.45	32.42	34.64	30.97	<34.20	27.80	62.00	0	0
4399.690	5.88	32.99	34.84	30.77	<34.79	27.21	62.00	0	0

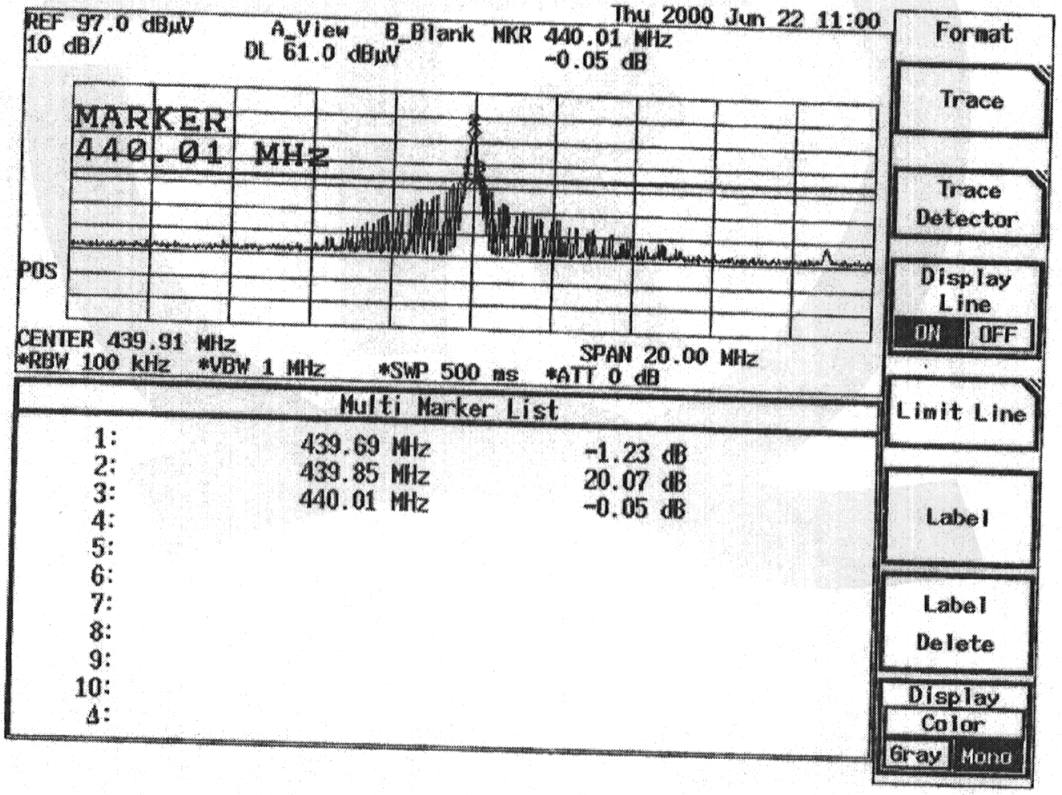
Remarks:

1. " * ", means this data is the worst emission level.
4. For Average Detect: Probe Factor = Antenna Factor+Duty cycle Factor
2. Emission Level = Reading Level + Probe Factor + Cable loss–PreAmp

Occupied Bandwidth of Radiated Emission Data

Date of Test	:	JULY 3, 2000	EUT	:	DVL-2000R
Test Mode	:	Mode 1	Test Site	:	No.1 Open Test Site

Center Frequency	439.850	MHz
Allowable Bandwidth (70-900 MHz:0.25%, Above 900MHz: 0.5%)	1100	kHz
Bandwidth at 20dB down (Max)	320	kHz
Result	Complied with regulation	



Duty Cycle Measurement Data

Date of Test	:	JULY 3, 2000	EUT	:	DVL-2000R
Test Mode	:	Mode 1	Test Site	:	No.1 Open Test Site