

APPENDIX E

DATA SHEETS



RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.249)

COMPANY	HUNTER INDUSTRIES, INC.	DATE	12/16/02
EUT	WIRELESS VALVE PROGRAMMER	DUTY CYCLE	N/A %
MODEL	WVP	PEAK TO AVG	N/A dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	KYLE FUJIMOTO	LAB	D

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi- Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
921.7500	61.1	61.0 QP	H	1.0	180	X	LOW	21.8	5.4	0.0	0.0	0.0	88.2	-5.8	94.0	
921.7500	65.6	65.5 QP	H	1.0	180	Y	LOW	21.8	5.4	0.0	0.0	0.0	92.7	-1.3	94.0	
921.7500	66.6	66.5 QP	H	1.0	90	Z	LOW	21.8	5.4	0.0	0.0	0.0	93.7	-0.3	94.0	
921.7500	57.1	57.0 QP	V	1.0	180	X	LOW	21.8	5.4	0.0	0.0	0.0	84.2	-9.8	94.0	
921.7500	62.7	62.6 QP	V	1.0	180	Y	LOW	21.8	5.4	0.0	0.0	0.0	89.8	-4.2	94.0	
921.7500	59.4	59.3 QP	V	1.0	180	Z	LOW	21.8	5.4	0.0	0.0	0.0	86.5	-7.5	94.0	

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN
 ** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.249)

COMPANY	HUNTER INDUSTRIES, INC.	DATE	12/16/02
EUT	WIRELESS VALVE PROGRAMMER	DUTY CYCLE	N/A %
MODEL	WVP	PEAK TO AVG	N/A dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	KYLE FUJIMOTO	LAB	D

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi- Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
1843.5000	44.3	A	H	1.0	180	X	LOW	28.5	3.4	31.9	0.0	0.0	44.3	-9.7	54.0	
1843.5000	46.7	A	H	1.0	180	Y	LOW	28.5	3.4	31.9	0.0	0.0	46.7	-7.3	54.0	
1843.5000	44.2	A	H	2.5	270	Z	LOW	28.5	3.4	31.9	0.0	0.0	44.2	-9.8	54.0	
1843.5000	45.7	A	V	1.0	0	X	LOW	28.5	3.4	31.9	0.0	0.0	45.7	-8.3	54.0	
1843.5000	45.3	A	V	1.0	180	Y	LOW	28.5	3.4	31.9	0.0	0.0	45.3	-8.7	54.0	
1843.5000	44.0	A	V	2.0	0	Z	LOW	28.5	3.4	31.9	0.0	0.0	44.0	-10.0	54.0	

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN
 ** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.249)

COMPANY	HUNTER INDUSTRIES, INC.	DATE	12/16/02
EUT	WIRELESS VALVE PROGRAMMER	DUTY CYCLE	N/A %
MODEL	WVP	PEAK TO AVG	N/A dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	KYLE FUJIMOTO	LAB	D

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi- Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
2765.2500	38.7	A	H	1.0	180	X	LOW	30.8	4.4	32.5	0.0	0.0	41.4	-12.6	54.0	
2765.2500	44.3	A	H	1.0	270	Y	LOW	30.8	4.4	32.5	0.0	0.0	47.0	-7.0	54.0	
2765.2500	42.5	A	H	1.0	270	Z	LOW	30.8	4.4	32.5	0.0	0.0	45.2	-8.8	54.0	
2765.2500	45.2	A	V	1.0	180	X	LOW	30.8	4.4	32.5	0.0	0.0	47.9	-6.1	54.0	
2765.2500	43.2	A	V	1.0	180	Y	LOW	30.8	4.4	32.5	0.0	0.0	45.9	-8.1	54.0	
2765.2500	42.8	A	V	1.0	90	Z	LOW	30.8	4.4	32.5	0.0	0.0	45.5	-8.5	54.0	

RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.249)

COMPANY	HUNTER INDUSTRIES, INC.	DATE	12/16/02
EUT	WIRELESS VALVE PROGRAMMER	DUTY CYCLE	N/A %
MODEL	WVP	PEAK TO AVG	N/A dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	KYLE FUJIMOTO	LAB	D

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi- Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
3687.0000	39.7	A	H	1.0	180	X	LOW	32.5	5.1	31.5	0.0	0.0	45.9	-8.1	54.0	
3687.0000	41.4	A	H	1.0	180	Y	LOW	32.5	5.1	31.5	0.0	0.0	47.6	-6.4	54.0	
3687.0000	43.1	A	H	1.0	90	Z	LOW	32.5	5.1	31.5	0.0	0.0	49.3	-4.7	54.0	
3687.0000	40.3	A	V	1.0	270	X	LOW	32.5	5.1	31.5	0.0	0.0	46.5	-7.5	54.0	
3687.0000	43.1	A	V	1.0	180	Y	LOW	32.5	5.1	31.5	0.0	0.0	49.3	-4.7	54.0	
3687.0000	40.1	A	V	1.0	90	Z	LOW	32.5	5.1	31.5	0.0	0.0	46.3	-7.7	54.0	

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN
 ** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.249)

COMPANY	HUNTER INDUSTRIES, INC.	DATE	12/16/02
EUT	WIRELESS VALVE PROGRAMMER	DUTY CYCLE	N/A %
MODEL	WVP	PEAK TO AVG	N/A dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	KYLE FUJIMOTO	LAB	D

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi- Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
4608.7500	34.5	A	H	1.0	180	X	LOW	34.4	5.9	31.2	0.0	0.0	43.6	-10.4	54.0	
4608.7500	34.7	A	H	1.0	180	Y	LOW	34.4	5.9	31.2	0.0	0.0	43.8	-10.2	54.0	
4608.7500	37.3	A	H	1.0	180	Z	LOW	34.4	5.9	31.2	0.0	0.0	46.4	-7.6	54.0	
4608.7500	36.9	A	V	1.0	180	X	LOW	34.4	5.9	31.2	0.0	0.0	46.0	-8.0	54.0	
4608.7500	35.4	A	V	1.0	180	Y	LOW	34.4	5.9	31.2	0.0	0.0	44.5	-9.5	54.0	
4608.7500	37.0	A	V	1.0	270	Z	LOW	34.4	5.9	31.2	0.0	0.0	46.1	-7.9	54.0	

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN
 ** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.249)

COMPANY	HUNTER INDUSTRIES, INC.	DATE	12/16/02
EUT	WIRELESS VALVE PROGRAMMER	DUTY CYCLE	N/A %
MODEL	WVP	PEAK TO AVG	N/A dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	KYLE FUJIMOTO	LAB	D

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi- Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
5530.5000	34.3	A	H	1.0	180	X	LOW	35.6	6.3	31.3	0.0	0.0	44.9	-9.1	54.0	
5530.5000	35.0	A	H	1.0	180	Y	LOW	35.6	6.3	31.3	0.0	0.0	45.6	-8.4	54.0	
5530.5000	34.9	A	H	1.0	180	Z	LOW	35.6	6.3	31.3	0.0	0.0	45.5	-8.5	54.0	
5530.5000	35.4	A	V	1.0	90	X	LOW	35.6	6.3	31.3	0.0	0.0	46.0	-8.0	54.0	
5530.5000	34.1	A	V	1.0	180	Y	LOW	35.6	6.3	31.3	0.0	0.0	44.7	-9.3	54.0	
5530.5000	34.3	A	V	1.0	0	Z	LOW	35.6	6.3	31.3	0.0	0.0	44.9	-9.1	54.0	

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN
 ** DELTA = SPEC LIMIT - CORRECTED READING

No Harmonics Nor Emissions Found After
the 6th Harmonic

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Test location: Compatible Electronics
Customer : HUNTER INDUSTRIES, INC. Date : 12/16/2002
Manufacturer : HUNTER INDUSTRIES, INC. Time : 10.25
EUT name : WIRELESS VALVE PROGRAMMER Model: WVP
Specification: Fcc_B Test distance: 3.0 mtrs Lab: D
Distance correction factor($20 \cdot \log(\text{test}/\text{spec})$) : 0.00
Test Mode : RADIATED SPURIOUS EMISSIONS - TRANSMIT MODE
10 kHz - 9300 MHz VERTICAL POLARIZATION
TEMPERATURE 65 DEGREES F., RELATIVE HUMIDITY 75%
TESTED BY: KYLE FUJIMOTO

Pol	Freq MHz	Rdng dBuV	Cable loss dB	Ant factor dB	Amp gain dB	Cor'd rdg = R dBuV	limit = L dBuV/m	Delta R-L dB
1V	32.61	53.60	0.75	14.14	38.50	30.00	40.00	-10.00
2V	35.64	49.50	0.81	13.96	38.50	25.77	40.00	-14.23
3V	36.63	47.70	0.83	13.90	38.50	23.93	40.00	-16.07
4V	40.72	40.00	0.91	13.45	38.50	15.87	40.00	-24.13
5V	44.76	49.30	1.00	12.08	38.50	23.88	40.00	-16.12
6V	48.83	48.10	1.08	11.54	38.50	22.22	40.00	-17.78
7V	52.94	44.40	1.13	10.90	38.50	17.93	40.00	-22.07
8V	56.95	45.20	1.17	10.22	38.50	18.09	40.00	-21.91
9V	65.09	44.00	1.25	8.99	38.50	15.74	40.00	-24.26
10V	88.52	56.60	1.50	7.77	38.33	27.54	43.50	-15.96
11V	113.09	42.10	1.70	9.97	38.46	15.32	43.50	-28.18
12V	118.00	40.90	1.74	10.49	38.52	14.62	43.50	-28.88
13V	132.71	38.90	1.86	12.07	38.57	14.26	43.50	-29.24
14V	147.53	45.80	1.98	12.55	38.51	21.82	43.50	-21.68
15V	162.28	37.20	2.15	13.08	38.45	13.98	43.50	-29.52
16V	177.04	36.80	2.31	14.35	38.41	15.05	43.50	-28.45
17V	206.52	37.80	2.43	15.33	38.50	17.06	43.50	-26.44
18V	221.27	40.00	2.49	15.87	38.50	19.85	46.00	-26.15
19V	235.99	35.10	2.63	16.40	38.46	15.67	46.00	-30.33
20V	280.20	36.80	3.04	18.23	38.42	19.65	46.00	-26.35
21V	916.93	36.70	5.34	21.64	37.06	26.61	46.00	-19.39
22V	918.17	35.30	5.36	21.67	37.05	25.28	46.00	-20.72
23V	919.44	41.00	5.39	21.71	37.04	31.05	46.00	-14.95
24V	924.25	43.80	5.49	21.83	37.01	34.11	46.00	-11.89
25V	925.53	40.00	5.51	21.86	37.00	30.38	46.00	-15.62
26V	926.67	43.60	5.53	21.89	36.99	34.04	46.00	-11.96



Page: 1 of 1

Test location: Compatible Electronics
Customer : HUNTER INDUSTRIES, INC. Date : 12/16/2002
Manufacturer : HUNTER INDUSTRIES, INC. Time : 11.00
EUT name : WIRELESS VALVE PROGRAMMER Model: WVP
Specification: Fcc_B Test distance: 3.0 mtrs Lab: D
Distance correction factor($20 \cdot \log(\text{test}/\text{spec})$) : 0.00
Test Mode : RADIATED SPURIOUS EMISSIONS - TRANSMIT MODE
10 kHz - 9300 MHz HORIZONTAL POLARIZATION
TEMPERATURE 65 DEGREES F., RELATIVE HUMIDITY 75%
TESTED BY: KYLE FUJIMOTO

Pol	Freq MHz	Rdng dBuV	Cable loss dB	Ant factor dB	Amp gain dB	Cor'd rdg = R dBuV	limit = L dBuV/m	Delta R-L dB
1H	32.62	46.30	0.75	14.14	38.50	22.70	40.00	-17.30
2H	35.65	47.10	0.81	13.96	38.50	23.37	40.00	-16.63
3H	36.63	47.00	0.83	13.90	38.50	23.23	40.00	-16.77
4H	40.71	46.90	0.91	13.46	38.50	22.77	40.00	-17.23
5H	44.73	50.60	0.99	12.09	38.50	25.19	40.00	-14.81
6H	48.80	49.80	1.08	11.54	38.50	23.92	40.00	-16.08
7H	52.94	38.40	1.13	10.90	38.50	11.93	40.00	-28.07
8H	56.95	39.10	1.17	10.22	38.50	11.99	40.00	-28.01
9H	65.08	41.60	1.25	8.99	38.50	13.34	40.00	-26.66
10H	88.54	50.10	1.50	7.77	38.33	21.04	43.50	-22.46
11H	113.08	39.80	1.70	9.97	38.46	13.02	43.50	-30.48
12H	118.00	37.70	1.74	10.49	38.52	11.42	43.50	-32.08
13H	132.74	38.00	1.86	12.07	38.57	13.36	43.50	-30.14
14H	147.51	43.30	1.98	12.55	38.51	19.32	43.50	-24.18
15H	162.26	35.60	2.15	13.08	38.45	12.38	43.50	-31.12
16H	177.03	35.40	2.31	14.34	38.41	13.64	43.50	-29.86
17H	206.47	35.80	2.43	15.33	38.50	15.06	43.50	-28.44
18H	221.25	39.00	2.48	15.86	38.50	18.85	46.00	-27.15
19H	235.97	35.30	2.63	16.39	38.46	15.87	46.00	-30.13
20H	280.18	37.20	3.04	18.23	38.42	20.05	46.00	-25.95
21H	916.89	35.40	5.34	21.64	37.06	25.31	46.00	-20.69
22H	918.18	39.50	5.36	21.67	37.05	29.48	46.00	-16.52
23H	919.38	41.30	5.39	21.70	37.04	31.35	46.00	-14.65
24H	924.28	39.40	5.49	21.83	37.01	29.71	46.00	-16.29
25H	926.75	41.10	5.53	21.90	36.99	31.54	46.00	-14.46



Page: 1 of 1

Test location: Compatible Electronics
Customer : HUNTER INDUSTRIES, INC. Date : 12/16/2002
Manufacturer : HUNTER INDUSTRIES, INC. Time : 13.33
EUT name : WIRELESS VALVE PROGRAMMER Model: WVP
Specification: Fcc_B Test distance: 3.0 mtrs Lab: D
Distance correction factor(20*log(test/spec)) : 0.00
Test Mode : RADIATED SPURIOUS EMISIONS - RECEIVE MODE
10 kHz TO 1000 MHz - VERTICAL POLARIZATION
55 DEGREES F., RELATIVE HUMIDITY 71%
TESTED BY: KYLE FUJIMOTO

Pol	Freq MHz	Rdng dBuV	Cable loss dB	Ant factor dB	Amp gain dB	Cor'd rdg = R dBuV	limit = L dBuV/m	Delta R-L dB
1V	30.14	45.20	0.70	14.29	38.50	21.69	40.00	-18.31
2V	31.12	48.20	0.72	14.23	38.50	24.66	40.00	-15.34
3V	34.16	44.60	0.78	14.05	38.50	20.93	40.00	-19.07
4V	35.20	46.90	0.80	13.99	38.50	23.19	40.00	-16.81
5V	36.18	50.30	0.82	13.93	38.50	26.55	40.00	-13.45
6V	37.22	50.40	0.84	13.87	38.50	26.61	40.00	-13.39
7V	39.20	43.60	0.88	13.75	38.50	19.73	40.00	-20.27
8V	40.22	42.90	0.90	13.63	38.50	18.93	40.00	-21.07
9V	45.24	47.50	1.00	11.97	38.50	21.98	40.00	-18.02
10V	47.26	48.70	1.05	11.73	38.50	22.97	40.00	-17.03
11V	48.24	46.30	1.06	11.61	38.50	20.48	40.00	-19.52
12V	51.26	44.40	1.11	11.19	38.50	18.20	40.00	-21.80
13V	53.26	46.40	1.13	10.85	38.50	19.88	40.00	-20.12
14V	60.26	43.10	1.20	9.66	38.50	15.47	40.00	-24.53
15V	68.34	46.90	1.28	8.53	38.50	18.22	40.00	-21.78
16V	84.41	42.40	1.50	7.69	38.41	13.18	40.00	-26.82
17V	113.48	43.50	1.71	10.02	38.46	16.76	43.50	-26.74
18V	124.50	39.30	1.80	11.33	38.59	13.83	43.50	-29.67
19V	128.55	42.50	1.83	11.71	38.59	17.45	43.50	-26.05
20V	128.57	41.10	1.83	11.71	38.59	16.05	43.50	-27.45
21V	130.57	39.70	1.84	11.88	38.58	14.85	43.50	-28.65
22V	140.60	35.90	1.92	12.69	38.54	11.98	43.50	-31.52
23V	150.67	34.80	2.01	12.53	38.50	10.84	43.50	-32.66
24V	152.64	44.10	2.03	12.61	38.49	20.25	43.50	-23.25
25V	168.70	34.70	2.22	13.60	38.43	12.10	43.50	-31.40
26V	176.73	37.10	2.31	14.31	38.41	15.31	43.50	-28.19
27V	206.51	35.30	2.43	15.33	38.50	14.56	43.50	-28.94
28V	220.90	36.00	2.48	15.85	38.50	15.84	46.00	-30.16
29V	294.98	36.70	3.16	18.88	38.48	20.26	46.00	-25.16
30V	921.68	47.70	5.43	21.76	37.03	37.87	46.00	-8.13



Page: 1 of 1

Test location: Compatible Electronics
Customer : HUNTER INDUSTRIES, INC. Date : 12/16/2002
Manufacturer : HUNTER INDUSTRIES, INC. Time : 13.14
EUT name : WIRELESS VALVE PROGRAMMER Model: WVP
Specification: Fcc_B Test distance: 3.0 mtrs Lab: D
Distance correction factor($20 \cdot \log(\text{test}/\text{spec})$) : 0.00
Test Mode : RADIATED SPURIOUS EMISIONS - RECEIVE MODE
10 kHz TO 1000 MHz - HORIZONTAL POLARIZATION
55 DEGREES F., RELATIVE HUMIDITY 71%
TESTED BY: KYLE FUJIMOTO

Pol	Freq MHz	Rdng dBuV	Cable loss dB	Ant factor dB	Amp gain dB	Cor'd rdg = R dBuV	limit = L dBuV/m	Delta R-L dB
1H	30.18	46.00	0.70	14.29	38.50	22.49	40.00	-17.51
2H	31.16	49.40	0.72	14.23	38.50	25.85	40.00	-14.15
3H	34.19	45.00	0.78	14.05	38.50	21.33	40.00	-18.67
4H	36.18	49.90	0.82	13.93	38.50	26.15	40.00	-13.85
5H	37.22	43.10	0.84	13.87	38.50	19.31	40.00	-20.69
6H	39.20	44.70	0.88	13.75	38.50	20.83	40.00	-19.17
7H	40.22	46.60	0.90	13.63	38.50	22.63	40.00	-17.37
8H	45.24	50.40	1.00	11.97	38.50	24.88	40.00	-15.12
9H	47.26	46.50	1.05	11.73	38.50	20.77	40.00	-19.23
10H	48.24	45.40	1.06	11.61	38.50	19.58	40.00	-20.42
11H	51.26	40.70	1.11	11.19	38.50	14.50	40.00	-25.50
12H	53.26	39.60	1.13	10.85	38.50	13.08	40.00	-26.92
13H	60.26	38.90	1.20	9.66	38.50	11.27	40.00	-28.73
14H	68.31	39.00	1.28	8.54	38.50	10.32	40.00	-29.68
15H	84.38	40.40	1.50	7.69	38.41	11.18	40.00	-28.82
16H	113.44	37.80	1.71	10.01	38.46	11.06	43.50	-32.44
17H	124.50	39.80	1.80	11.33	38.59	14.33	43.50	-29.17
18H	128.55	35.80	1.83	11.71	38.59	10.75	43.50	-32.75
19H	130.57	36.40	1.84	11.88	38.58	11.55	43.50	-31.95
20H	140.60	34.40	1.92	12.69	38.54	10.48	43.50	-33.02
21H	150.67	36.60	2.01	12.53	38.50	12.64	43.50	-30.86
22H	168.70	37.10	2.22	13.60	38.43	14.50	43.50	-29.00
23H	172.69	35.80	2.27	13.91	38.41	13.58	43.50	-29.92
24H	176.69	39.30	2.31	14.30	38.41	17.50	43.50	-26.00
25H	206.55	34.60	2.43	15.34	38.50	13.86	43.50	-29.64
26H	886.77	50.70	5.11	21.20	37.39	39.62	46.00	-6.38
27H	921.69	53.90	5.43	21.76	37.03	44.07	46.00	-1.93



Page: 1 of 1

Test location: Compatible Electronics
Customer : HUNTER INDUSTRIES, INC. Date : 12/17/2002
Manufacturer : HUNTER INDUSTRIES, INC. Time : 9.35
EUT name : WIRELESS VALVE PROGRAMMER Model: WVP
Specification: Fcc_B Test distance: 3.0 mtrs Lab: D
Distance correction factor($20 \cdot \log(\text{test}/\text{spec})$) : 0.00
Test Mode : RADIATED SPURIOUS EMISSIONS - RECEIVE MODE
1000 MHz TO 9300 MHz - VERTICAL POLARIZATION
TEMPERATURE 57 DEGREES F., RELATIVE HUMIDITY 72%
TESTED BY: KYLE FUJIMOTO

Pol	Freq MHz	Rdng dBuV	Cable loss dB	Ant factor dB	Amp gain dB	Cor'd rdg = R dBuV	limit = L dBuV/m	Delta R-L dB
1V	1843.38	45.50	3.40	28.50	31.90	45.50	54.00	-8.50
2V	2765.07	38.10	4.40	30.80	32.50	40.80	54.00	-13.20
3V	3686.76	40.10	5.10	32.50	31.50	46.20	54.00	-7.80



Page: 1 of 1

Test location: Compatible Electronics
Customer : HUNTER INDUSTRIES, INC. Date : 12/17/2002
Manufacturer : HUNTER INDUSTRIES, INC. Time : 8.56
EUT name : WIRELESS VALVE PROGRAMMER Model: WVP
Specification: Fcc_B Test distance: 3.0 mtrs Lab: D
Distance correction factor($20 \cdot \log(\text{test}/\text{spec})$) : 0.00
Test Mode : RADIATED SPURIOUS EMISSIONS - RECEIVE MODE
1000 MHz TO 9300 MHz - HORIZONTAL POLARIZATION
TEMPERATURE 52 DEGREES F., RELATIVE HUMIDITY 85%
TESTED BY: KYLE FUJIMOTO

Pol	Freq MHz	Rdng dBuV	Cable loss dB	Ant factor dB	Amp gain dB	Cor'd rdg = R dBuV	limit = L dBuV/m	Delta R-L dB
1H	1843.38	42.40	3.40	28.50	31.90	42.40	54.00	-11.60
2H	2765.07	36.80	4.40	30.80	32.50	39.50	54.00	-14.50
3H	3686.76	35.40	5.10	32.50	31.50	41.50	54.00	-12.50

