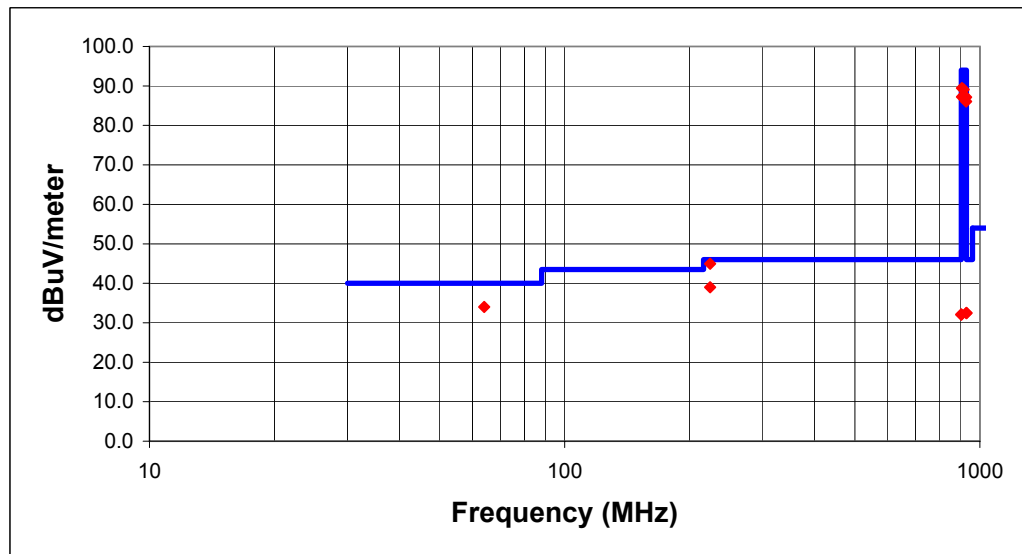


EXHIBIT N – Radiated Emissions

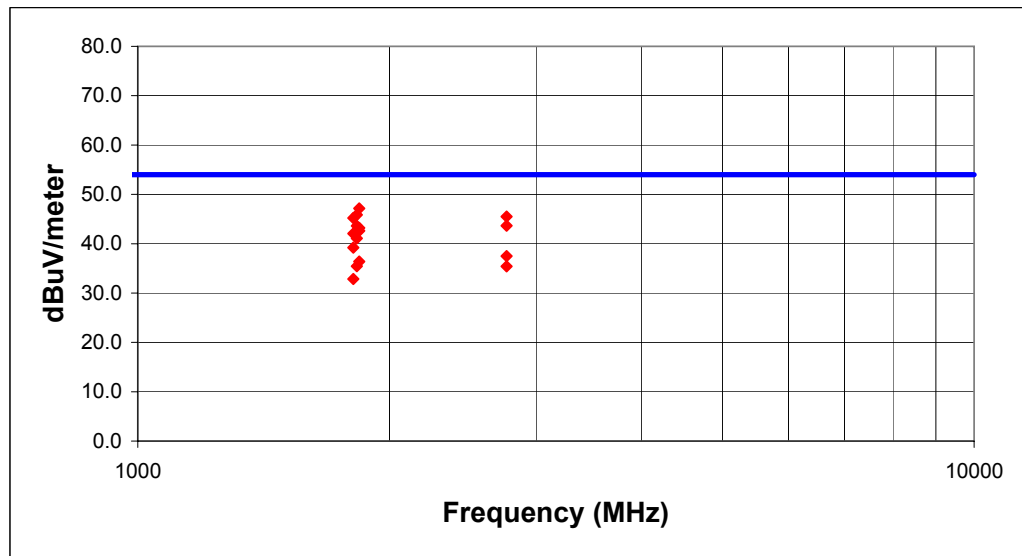
FCC ID# PYUCONSOLE4

NORTHWEST			
EMC		Radiated and Conducted Emissions	
		Rev 4.10 07/06/01	
EUT:	Perception Analyzer Model 400 Console		Work Order: SEIT0050
Serial Number:	none		Date: 9/25/2001 & 10/02/2001
Customer:	Seltz & Associates		Temperature: 22
Attendees:	N/A	Tester: Rod Peloquin	Humidity: 42%
Customer Ref. No.:	N/A	Power: 120 V, 60 Hz	Job Site: EV01
TEST SPECIFICATIONS			
Specification:	FCC 15.249	Year:	2000
Method:	ANSI C63.4	Year:	1992
SAMPLE CALCULATIONS			
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Attenuation Factor - Amplifier Gain			
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator			
COMMENTS			
Transmitting at low, mid, and high channels.			
EUT OPERATING MODES			
See Comments			
DEVIATIONS FROM TEST STANDARD			
None			
RESULTS			
PASS	DISTANCE (m)	LINE	RUN
	3		
OTHER			
		 Tested By	



Frequency (MHz)	Meter Reading (dBuV)	Detector	Antenna Factor (dB/m)	Antenna Polarity	Preamp Gain (dB)	Cable Loss (dB)	Table Azimuth (degrees)	Antenna Height (meters)	Adjusted Level (dBuV/m)	Spec. Limit (dBuV/m)	Margin (dB)	Comment
901.956	37.7	QP	23.3	VB LG	30.6	1.7	54.0	1.1	32.1	46.0	-13.9	Low Channel band edge
901.956	37.7	QP	23.3	HBLG	30.6	1.7	226.0	1.0	32.1	46.0	-13.9	Low Channel band edge
905.000	64.5	QP	23.3	HBLG	0.0	1.7	226.0	1.0	89.5	94.0	-4.5	Low Channel Fundamental frequency
905.000	62.2	QP	23.3	VB LG	0.0	1.7	54.0	1.1	87.2	94.0	-6.8	Low Channel Fundamental frequency
914.000	62.5	QP	23.4	VB LG	0.0	1.7	354.0	1.3	87.6	94.0	-6.4	Mid Channel Fundamental frequency
914.000	64.0	QP	23.4	HBLG	0.0	1.7	229.0	1.0	89.1	94.0	-4.9	Mid Channel Fundamental frequency
926.200	60.9	QP	23.5	VB LG	0.0	1.7	355.0	1.3	86.1	94.0	-8.0	High Channel Fundamental frequency
926.200	62.0	QP	23.5	HBLG	0.0	1.7	242.0	1.0	87.2	94.0	-6.8	High Channel Fundamental frequency
928.005	37.9	QP	23.5	HBLG	30.6	1.7	243.0	1.0	32.5	46.0	-13.5	High Channel band edge
928.005	37.8	QP	23.5	VB LG	30.6	1.7	356.0	1.3	32.4	46.0	-13.6	High Channel band edge
224.030	62.1	QP	11.6	HBLG	29.5	0.8	158.0	1.4	45.0	46.0	-1.0	High Channel
63.999	55.6	PK	7.6	VB LG	29.7	0.5	30.0	1.3	34.0	40.0	-6.0	High Channel
223.999	56.1	PK	11.6	VB LG	29.5	0.8	78.0	1.3	39.0	46.0	-7.0	High Channel

NORTHWEST			
EMC		Radiated and Conducted Emissions	
		Rev 4.10 07/06/01	
EUT:	Perception Analyzer Model 400 Console		Work Order: SEIT0050
Serial Number:	none		Date: 10/02/01
Customer:	Seitz & Associates		Temperature: 22
Attendees:	N/A	Tester: Greg Kiemel	Humidity: 33%
Customer Ref. No.:	N/A	Power: 120 V, 60 Hz	Job Site: EV01
TEST SPECIFICATIONS			
Specification:	FCC 15.249	Year:	2000
Method:	ANSI C63.4	Year:	1992
SAMPLE CALCULATIONS			
Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Attenuation Factor - Amplifier Gain			
Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator			
COMMENTS			
Transmitting at low, mid, and high channels.			
EUT OPERATING MODES			
See Comments			
DEVIATIONS FROM TEST STANDARD			
None			
RESULTS		DISTANCE (m)	LINE
PASS		3	
OTHER		 Tested By	



Frequency (MHz)	Meter Reading (dBuV)	Detector	Antenna Factor (dB/m)	Antenna Polarity	Preamp Gain (dB)	Cable Loss (dB)	Table Azimuth (degrees)	Antenna Height (meters)	Adjusted Level (dBuV/m)	Spec. Limit (dBuV/m)	Margin (dB)	Comment
1810.000	45.5	PK	28.3	HHRN	34.1	2.4	33.0	3.8	42.1	54.0	-12.0	Low Channel
1810.000	48.6	PK	28.3	VHRN	34.1	2.4	109.0	1.0	45.2	54.0	-8.8	Low Channel
1810.000	42.6	AV	28.3	VHRN	34.1	2.4	109.0	1.0	39.2	54.0	-14.8	Low Channel
1810.000	36.3	AV	28.3	HHRN	34.1	2.4	33.0	3.8	32.9	54.0	-21.2	Low Channel
1828.000	49.3	PK	28.3	VHRN	34.1	2.4	0.0	1.0	45.9	54.0	-8.2	Mid Channel
1828.000	47.0	PK	28.3	HHRN	34.1	2.4	270.0	3.1	43.6	54.0	-10.4	Mid Channel
1828.000	44.5	AV	28.3	VHRN	34.1	2.4	0.0	1.0	41.1	54.0	-12.9	Mid Channel
1828.000	38.9	AV	28.3	HHRN	34.1	2.4	270.0	3.1	35.5	54.0	-18.6	Mid Channel
1840.000	39.7	AV	28.4	HHRN	34.1	2.4	125.0	1.3	36.4	54.0	-17.6	High Channel
1840.000	46.5	PK	28.4	HHRN	34.1	2.4	125.0	1.3	43.2	54.0	-10.8	High Channel
1840.000	50.5	PK	28.4	VHRN	34.1	2.4	171.0	1.0	47.2	54.0	-6.9	High Channel
1840.000	45.9	AV	28.4	VHRN	34.1	2.4	171.0	1.0	42.6	54.0	-11.4	High Channel
2760.000	43.4	PK	31.2	HHRN	33.9	3.0	231.0	2.0	43.7	54.0	-10.4	High Channel
2760.000	37.2	AV	31.2	HHRN	33.9	3.0	231.0	2.0	37.5	54.0	-16.5	High Channel
2760.128	45.2	PK	31.2	VHRN	33.9	3.0	121.0	1.0	45.5	54.0	-8.5	High Channel
2760.128	35.1	AV	31.2	VHRN	33.9	3.0	121.0	1.0	35.4	54.0	-18.6	High Channel