EXHIBIT M – Radiated Emissions

FCC ID# PYUDIAL4

NORTHWEST EMC

Radiated and Conducted Emissions

Rev 4.10
07/06/01

EUT:	Perception Analyzer Model 400 Handset			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:	Battery	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

See comments next to each data point

EUT OPERATING MODES

See comments next to each data point

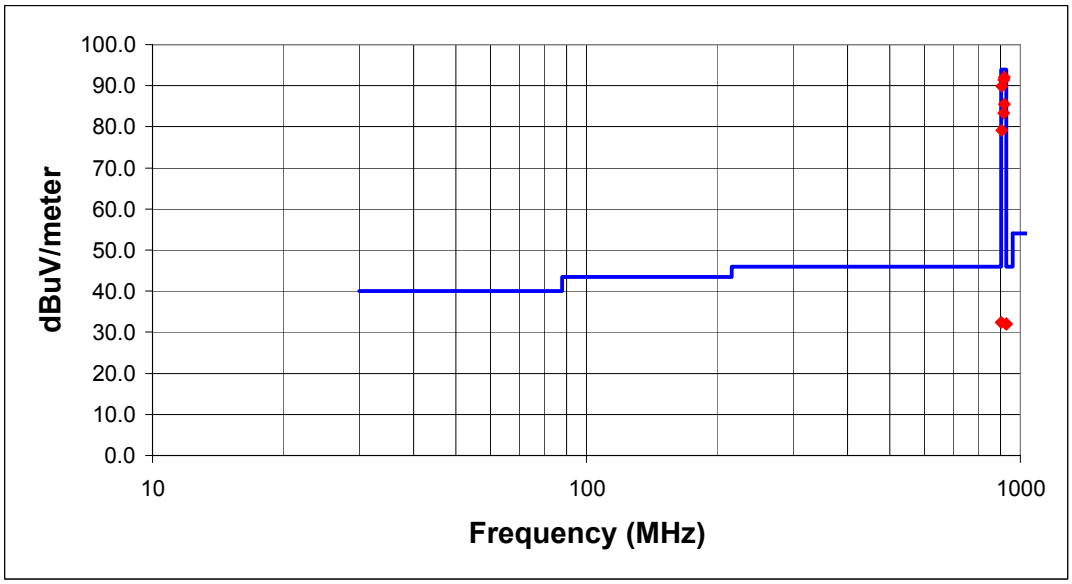
DEVIATIONS FROM TEST STANDARD

None

RESULTS	DISTANCE (m)	LINE	RUN
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
920.000	66.9	QP	23.5	HBLG	0.0	1.7	49.0	1.0	92.1	94.0	-1.9	High Channel Xmit, Fundamental
914.000	66.3	QP	23.4	HBLG	0.0	1.7	239.0	1.0	91.4	94.0	-2.6	Mid Channel Xmit, Fundamental
905.000	64.9	QP	23.3	HBLG	0.0	1.7	260.0	1.2	89.9	94.0	-4.1	Low Channel Xmit, Fundamental
920.000	60.3	QP	23.5	VBLG	0.0	1.7	0.0	2.9	85.5	94.0	-8.5	High Channel Xmit, Fundamental
914.000	58.2	QP	23.4	VBLG	0.0	1.7	182.0	2.8	83.3	94.0	-10.7	Mid Channel Xmit, Fundamental
902.000	38.0	QP	23.3	HBLG	30.6	1.7	261.0	1.2	32.4	46.0	-13.6	Low Channel Xmit, Bandedge Compliance
928.001	37.4	QP	23.5	VBLG	30.6	1.7	206.0	2.9	32.0	46.0	-14.0	High Xmit Channel, Bandedge Compliance
928.001	37.3	QP	23.5	HBLG	30.6	1.7	121.0	1.0	31.9	46.0	-14.1	High Xmit Channel, Bandedge Compliance
905.000	54.2	QP	23.3	VBLG	0.0	1.7	73.0	1.3	79.2	94.0	-14.8	Low Channel Xmit, Fundamental

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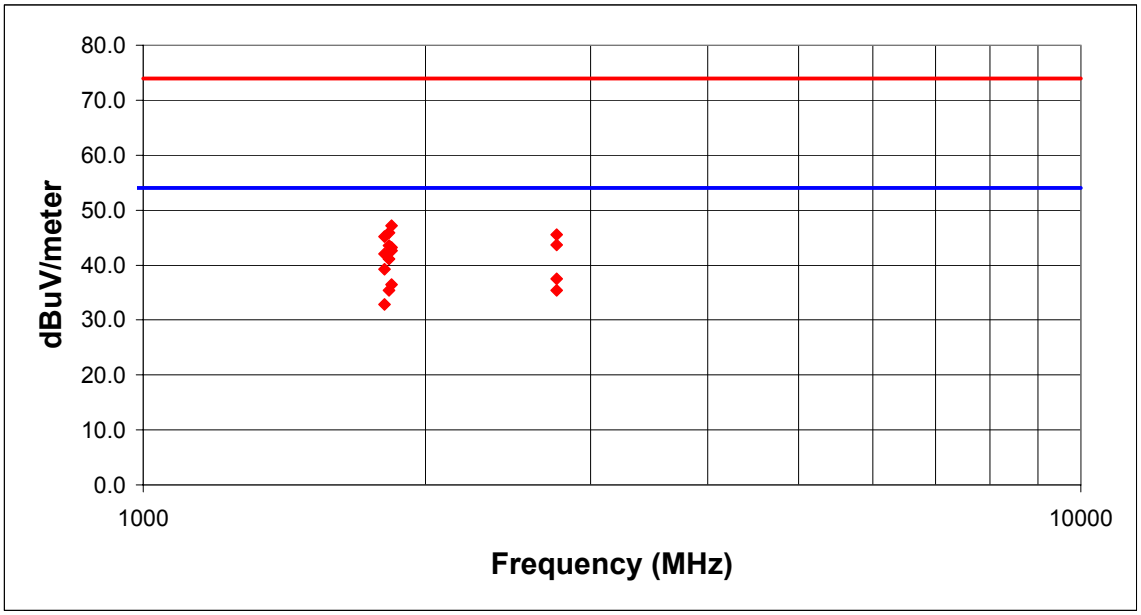

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1840.000	45.9	AV	28.4	VHRN	34.1	2.4	171.0	1.0	42.6	54.0	-11.4	High Channel
1828.000	44.5	AV	28.3	VHRN	34.1	2.4	0.0	1.0	41.1	54.0	-12.9	Mid Channel
1810.000	42.6	AV	28.3	VHRN	34.1	2.4	109.0	1.0	39.2	54.0	-14.8	Low Channel
2760.000	37.2	AV	31.2	HHRN	33.9	3.0	231.0	2.0	37.5	54.0	-16.5	High Channel
1840.000	39.7	AV	28.4	HHRN	34.1	2.4	125.0	1.3	36.4	54.0	-17.6	High 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
2760.128	35.1	AV	31.2	VHRN	33.9	3.0	121.0	1.0	35.4	54.0	-18.6	High 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
1840.000	50.5	PK	28.4	VHRN	34.1	2.4	171.0	1.0	47.2	74.0	-26.9	High Channel
1828.000	49.3	PK	28.3	VHRN	34.1	2.4	0.0	1.0	45.9	74.0	-28.2	Mid Channel
2760.128	45.2	PK	31.2	VHRN	33.9	3.0	121.0	1.0	45.5	74.0	-28.5	High Channel
1810.000	48.6	PK	28.3	VHRN	34.1	2.4	109.0	1.0	45.2	74.0	-28.8	Low Channel
2760.000	43.4	PK	31.2	HHRN	33.9	3.0	231.0	2.0	43.7	74.0	-30.4	High Channel
1828.000	47.0	PK	28.3	HHRN	34.1	2.4	270.0	3.1	43.6	74.0	-30.4	Mid Channel
1840.000	46.5	PK	28.4	HHRN	34.1	2.4	125.0	1.3	43.2	74.0	-30.8	High Channel
1810.000	45.5	PK	28.3	HHRN	34.1	2.4	33.0	3.8	42.1	74.0	-32.0	Low Channel