EXHIBIT O – Frequency Stability

FCC ID# PURRFU7

EMC		EMISSIONS [DATA SH	EET		Rev BETA 01/30/01	
EUT:	IDEN Radio Work Order: DATC000						
Serial Number:	170 Date: 07/27/01						
Customer:	Radio Frame Networks				Temperature:	See data	
Attendees:	Dean Bush		Tested by:	Greg Kiemel	Humidity	38% RH	
Customer Ref. No.:	N/A		Power:	120V, 60 Hz	Job Site:	EV09	
TEST SPECIFICATION	NS						
Specification:	47 CFR 2.1055 & 90.217	Year: Most Current	Method:	TIA/EIA - 603	Year:	1993	
SAMPLE CALCULATI	ONS						
COMMENTS	ppm = [(Measured Frequer	ncy / Assigned Frequency) ·	-1] * 1e6				
EUT OPERATING MO	DES						
Transmitting with no	modulation (CW mode).						
DEVIATIONS FROM T	EST STANDARD						
None							
REQUIREMENTS							
Minimum frequency s	tability of 1.0 parts per million (pr	om) for variations of temperature a	and supply voltage				
RESULTS			MINIMUM FREQUENC	Y STABILITY			
Pass		0.0118	ppm				
SIGNATURE							
Tested By:							
DESCRIPTION OF TE	sт						
Frequency Stability							

Frequency Stability with Variation of Ambient Temperature (Primary Supply = 120V, 60Hz]

Temp	Assigned Frequency	Measured Frequency	Tolerance	Specification
(°C)	(MHz)	(MHz)	(ppm)	(ppm)
-30	851.012520	851.012520	0.0000	1
-20	851.012520	851.012520	0.0000	1
-10	851.012520	851.012525	0.0059	1
0	851.012520	851.012525	0.0059	1
10	851.012520	851.012525	0.0059	1
20	851.012520	851.012520	0.0000	1
30	851.012520	851.012520	0.0000	1
40	851.012520	851.012510	0.0118	1
50	851.012520	851.012520	0.0000	1

Frequency Stability with Variation of Primary Supply Voltage (Ambient Temperature = 25C)

Voltage	Assigned Frequency	Measured Frequency	Tolerance	Specification
(VAC, 60Hz)	(MHz)	(MHz)	(ppm)	(ppm)
138 (115%)	851.012520	851.012520	0.00	1
132 (110%)	851.012520	851.012520	0.00	1
126 (105%)	851.012520	851.012520	0.00	1
120 (100%)	851.012520	851.012520	0.00	1
114 (95%)	851.012520	851.012520	0.00	1
108 (90%)	851.012520	851.012520	0.00	1
102 (85%)	851.012520	851.012520	0.00	1

Frequency Stability with Variation of Battery Voltage (Ambient Temperature = 2.ºC)

(Does not apply because EUT is not a battery powered portable unit

EMC		EMISSIONS I	DATA SH	EET		Rev BETA 01/30/01	
EUT:	IDEN Radio				Work Order:	DATC0007	
Serial Number:	170 Date: 07/27/01						
Customer:	Radio Frame Networks				Temperature:	See data	
Attendees:	Dean Bush		Tested by:	Greg Kiemel	Humidity:	38% RH	
Customer Ref. No.:	N/A		Power:	120V, 60 Hz	Job Site:	EV09	
TEST SPECIFICATION	IS						
Specification:	47 CFR 2.1055 & 90.217	Year: Most Current	Method:	TIA/EIA - 603	Year:	1993	
SAMPLE CALCULATI	ONS						
COMMENTS	ppm = [(Measured Freque	ncy / Assigned Frequency)	-1] * 1e6				
EUT OPERATING MOI	DES						
Transmitting with no r	modulation (CW mode).						
DEVIATIONS FROM T	EST STANDARD						
None							
REQUIREMENTS							
Minimum frequency s	tability of 1.0 parts per million (p	om) for variations of temperature	and supply voltage				
RESULTS			MINIMUM FREQUENC	Y STABILITY			
Pass	0.0199 ppm						
SIGNATURE							
Tested By:							
DESCRIPTION OF TES	DESCRIPTION OF TEST						
	Frequency Stability						

Frequency Stability with Variation of Ambient Temperature (Primary Supply = 120V, 60Hz]

Temp	Assigned Frequency	Measured Frequency	Tolerance	Specification
(°C)	(MHz)	(MHz)	(ppm)	(ppm)
-30	856.012513	856.012520	0.0082	1
-20	856.012513	856.012525	0.0140	1
-10	856.012513	856.012530	0.0199	1
0	856.012513	856.012525	0.0140	1
10	856.012513	856.012515	0.0023	1
20	856.012513	856.012513	0.0000	1
30	856.012513	856.012520	0.0082	1
40	856.012513	856.012520	0.0082	1
50	856.012513	856.012515	0.0023	1

Frequency Stability with Variation of Primary Supply Voltage (Ambient Temperature = 25C)

Voltage	Assigned Frequency	Measured Frequency	Tolerance	Specification
(VAC, 60Hz)	(MHz)	(MHz)	(ppm)	(ppm)
138 (115%)	856.012513	856.012513	0.00	1
132 (110%)	856.012513	856.012513	0.00	1
126 (105%)	856.012513	856.012513	0.00	1
120 (100%)	856.012513	856.012513	0.00	1
114 (95%)	856.012513	856.012513	0.00	1
108 (90%)	856.012513	856.012513	0.00	1
102 (85%)	856.012513	856.012513	0.00	1

Frequency Stability with Variation of Battery Voltage (Ambient Temperature = 2.ºC)

(Does not apply because EUT is not a battery powered portable unit

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NORTHWEST EMC		EMISSIONS [DATA SH	EET		Rev BETA 01/30/01		
EUT:	IDEN Radio				Work Order:	DATC0007		
Serial Number:	70 Date: 07/27/01							
Customer:	Radio Frame Networks				Temperature:	See data		
Attendees:	Dean Bush		Tested by:	Greg Kiemel	Humidity	38% RH		
Customer Ref. No.:	N/A		Power:	120V, 60 Hz	Job Site:	EV09		
TEST SPECIFICATION	IS							
Specification:	47 CFR 2.1055 & 90.217	Year: Most Current	Method:	TIA/EIA - 603	Year:	1993		
SAMPLE CALCULATI	ONS							
COMMENTS	ppm = [(Measured Frequer	ncy / Assigned Frequency) -	·1] * 1e6					
COMMENTO								
EUT OPERATING MOI	DES							
Transmitting with no	modulation (CW mode).							
DEVIATIONS FROM T	EST STANDARD							
None								
REQUIREMENTS								
Minimum frequency s	tability of 1.0 parts per million (pr	om) for variations of temperature a	ind supply voltage					
RESULTS			MINIMUM FREQUENC	Y STABILITY				
Pass	s 0.0174 ppm							
SIGNATURE	SIGNATURE							
Tested By:								
DESCRIPTION OF TES	DESCRIPTION OF TEST							
Frequency Stability								

Frequency Stability with Variation of Ambient Temperature (Primary Supply = 120V, 60Hz]

Temp	Assigned Frequency	Measured Frequency	Tolerance	Specification
(°C)	(MHz)	(MHz)	(ppm)	(ppm)
-30	863.012530	863.012525	0.0058	1
-20	863.012530	863.012520	0.0116	1
-10	863.012530	863.012525	0.0058	1
0	863.012530	863.012530	0.0000	1
10	863.012530	863.012520	0.0116	1
20	863.012530	863.012530	0.0000	1
30	863.012530	863.012525	0.0058	1
40	863.012530	863.012520	0.0116	1
50	863.012530	863.012515	0.0174	1

Frequency Stability with Variation of Primary Supply Voltage (Ambient Temperature = 25C)

Voltage	Assigned Frequency	Measured Frequency	Tolerance	Specification
(VAC, 60Hz)	(MHz)	(MHz)	(ppm)	(ppm)
138 (115%)	863.012530	863.012530	0.00	1
132 (110%)	863.012530	863.012530	0.00	1
126 (105%)	863.012530	863.012530	0.00	1
120 (100%)	863.012530	863.012530	0.00	1
114 (95%)	863.012530	863.012530	0.00	1
108 (90%)	863.012530	863.012530	0.00	1
102 (85%)	863.012530	863.012530	0.00	1

Frequency Stability with Variation of Battery Voltage (Ambient Temperature = 2.ºC)

(Does not apply because EUT is not a battery powered portable unit