APPENDIX 2: Data of EMI test

RF Output Power (Conducted)

UL Japan, Inc
Head Office EMC Lab. No.6 and No.7 Shielded room

Company	Edmo Distributors, Inc.	Regulation	FCC part 87, Section 87.131 / Part 2, Section 2.1046	
Equipment	VHF AM TRANSCEIVER		TIA/EIA-603-C Section 2.2.1	
Model	FL-760	Test Distance	-	
S/N	Sample 1	Date	December 18, 2007	January 8, 2008
Power	DC 13.8V / DC 31.0V	Temperature	25 deg.C.	24 deg.C.
Mode	Transmitting (Modulation OFF / ON)	Humidity	46 %	35 %
		Engineer	Kenichi Adachi (None Modulation)	Kenichi Adachi (Modulation)

(None modulation, DC31.0V)

Ch.	FREQ [MHz]	P/M Reading (Peak) [dBm]	Cable Loss [dB]	ATT Loss [dB]	Result [dBm]	Result [W]	Limit (50W) [dB]	Margin [dB]
L	118.000	-3.01	0.22	39.57	36.78	4.76	47.00	10.22
M	127.500	-2.98	0.23	39.57	36.82	4.81	47.00	10.18
H	136.975	-3.13	0.24	39.57	36.68	4.66	47.00	10.32

*Calculation : Result= P/M Reading + Cable Loss + ATT(=Attenuator) Loss

(None modulation, DC13.8V)

Ch.	FREQ [MHz]	P/M Reading (Peak) [dBm]	Cable Loss [dB]	ATT Loss [dB]	Result [dBm]	Result [W]	Limit (50W) [dB]	Margin [dB]
L	118.000	-3.11	0.22	39.57	36.68	4.66	47.00	10.32
M	127.500	-3.07	0.23	39.57	36.73	4.71	47.00	10.27
H	136.975	-3.23	0.24	39.57	36.58	4.55	47.00	10.42

*Calculation : Result= P/M Reading + Cable Loss + ATT(=Attenuator) Loss

(DC 31.0V, modulation, Audio 1kHz, -23.5dBV(Dynamic mic line)(50 % modulation input level (-39.5dBV)+16dB), Volume max)

Ch.	FREQ [MHz]	P/M Reading (Peak) [dBm]	Cable Loss [dB]	ATT Loss [dB]	Result [dBm]	Result [W]	Limit (50W) [dB]	Margin [dB]
L	118.000	-0.23	0.12	39.57	39.46	8.83	47.00	7.54
M	127.500	0.06	0.11	39.57	39.74	9.42	47.00	7.26
H	136.975	-0.24	0.11	39.57	39.44	8.79	47.00	7.56

*Calculation : Result= P/M Reading + Cable Loss + ATT(=Attenuator) Loss

(DC13.8V, modulation, Audio 1kHz, -23.5dBV(Dynamic mic line)(50 % modulation input level (-39.5dBV)+16dB), Volume max)

Ch.	FREQ [MHz]	P/M Reading (Peak) [dBm]	Cable Loss [dB]	ATT Loss [dB]	Result [dBm]	Result [W]	Limit (50W) [dB]	Margin [dB]
L	118.000	-0.43	0.12	39.57	39.26	8.43	47.00	7.74
M	127.500	-0.06	0.11	39.57	39.62	9.16	47.00	7.38
H	136.975	-0.31	0.11	39.57	39.37	8.65	47.00	7.63

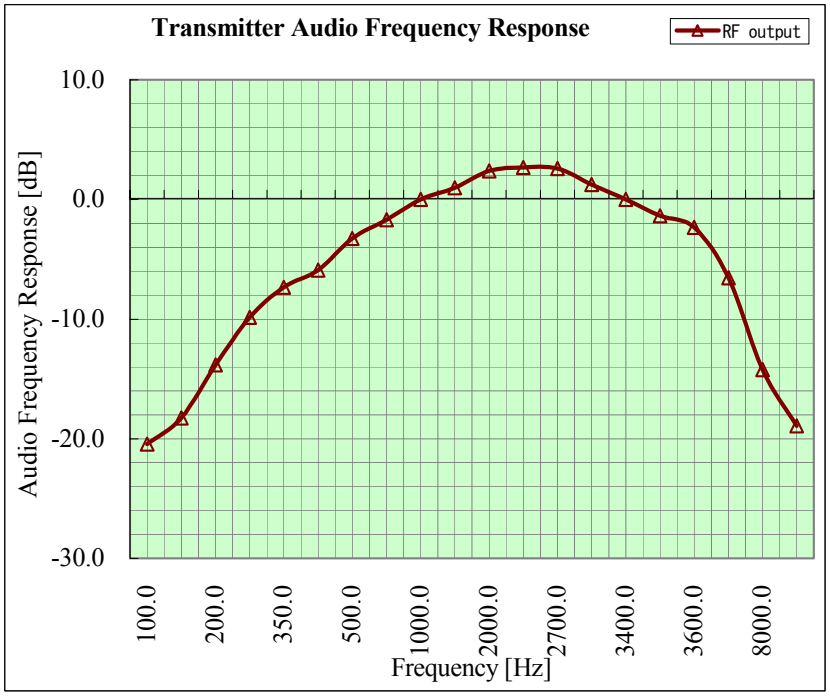
*Calculation : Result= P/M Reading + Cable Loss + ATT(=Attenuator) Loss

Audio Frequency Response (Conducted)

UL Japan, Inc
Head Office EMC Lab. No.6 Shielded room

Company	Edmo Distributors, Inc.	Regulation	FCC Part 2, Section 2.1047(a) TIA/EIA-603-C Section 2.2.6
Equipment	VHF AM TRANSCEIVER		
Model	FL-760	Test Distance	-
S/N	Sample 1	Date	January 29, 2008
Power	DC 31.0V	Temperature	22 deg.C.
Mode	Transmitting (Modulation ON) 127.5MHz	Humidity	35 %
		Engineer	Kenichi Adachi

Frequency [Hz]	RF output [mV] (ATT out)	Audio Response [dB]
100.0	0.0021	-20.4435
180.0	0.0027	-18.2606
200.0	0.0045	-13.8236
300.0	0.0071	-9.8627
350.0	0.0095	-7.3334
400.0	0.0112	-5.9035
500.0	0.0152	-3.2510
800.0	0.0182	-1.6864
1000.0	0.0221	0.0000
1500.0	0.0247	0.9661
2000.0	0.0291	2.3900
2600.0	0.0301	2.6835
2700.0	0.0298	2.5965
3000.0	0.0255	1.2430
3400.0	0.0221	0.0000
3500.0	0.0189	-1.3586
3600.0	0.0169	-2.3301
5000.0	0.0104	-6.5472
8000.0	0.0043	-14.2185
10000.0	0.0025	-18.9290



Input level at 20% modulation (-49.5dBV)
* EUT input voltage : DC 31.0V
* Center frequency : 127.5 MHz

Audio Frequency Response (Conducted)

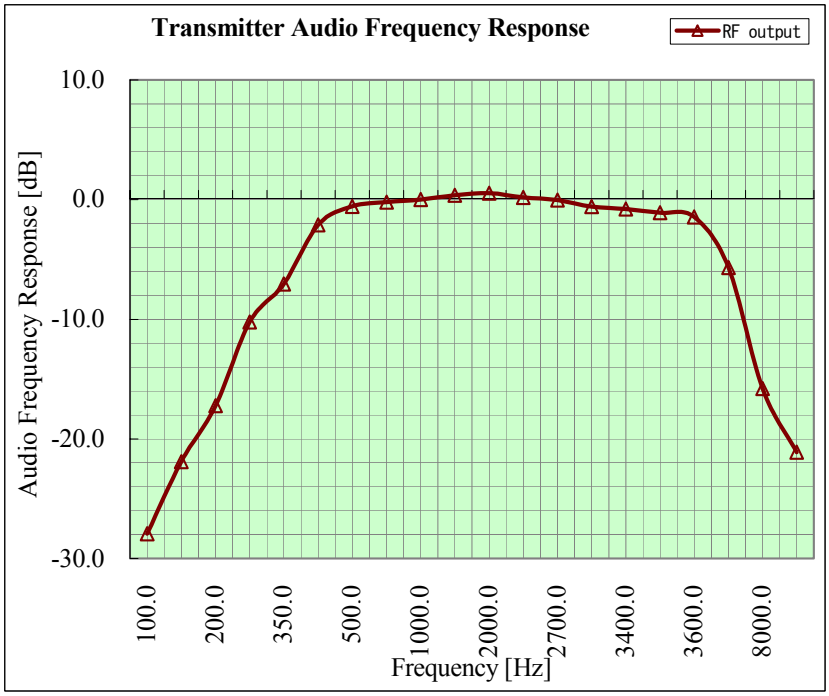
(Reference data)

UL Japan, Inc

Head Office EMC Lab. No.6 Shielded room

Company	Edmo Distributors, Inc.	Regulation	FCC Part 2, Section 2.1047(a)
Equipment	VHF AM TRANSCEIVER		RTCA/DO-186B Section 2.3.5
Model	FL-760	Test Distance	-
S/N	Sample 1	Date	January 29, 2008
Power	DC 31.0V	Temperature	22 deg.C.
Mode	Transmitting (Modulation ON)	Humidity	35 %
	127.5MHz	Engineer	Kenichi Adachi

Frequency [Hz]	RF output [mV] (ATT out)	Audio Response [dB]
100.0	0.0021	-27.9256
180.0	0.0042	-21.9050
200.0	0.0072	-17.2234
300.0	0.0161	-10.2335
350.0	0.0232	-7.0603
400.0	0.0410	-2.1144
500.0	0.0490	-0.5661
800.0	0.0510	-0.2186
1000.0	0.0523	0.0000
1500.0	0.0545	0.3579
2000.0	0.0556	0.5315
2600.0	0.0534	0.1808
2700.0	0.0521	-0.0333
3000.0	0.0489	-0.5839
3400.0	0.0478	-0.7815
3500.0	0.0461	-1.0960
3600.0	0.0442	-1.4616
5000.0	0.0272	-5.6787
8000.0	0.0085	-15.7817
10000.0	0.0046	-21.1149



Input level at 70% modulation (-37.5dBV)
* EUT input voltage : DC 31.0V
* Center frequency : 127.5 MHz

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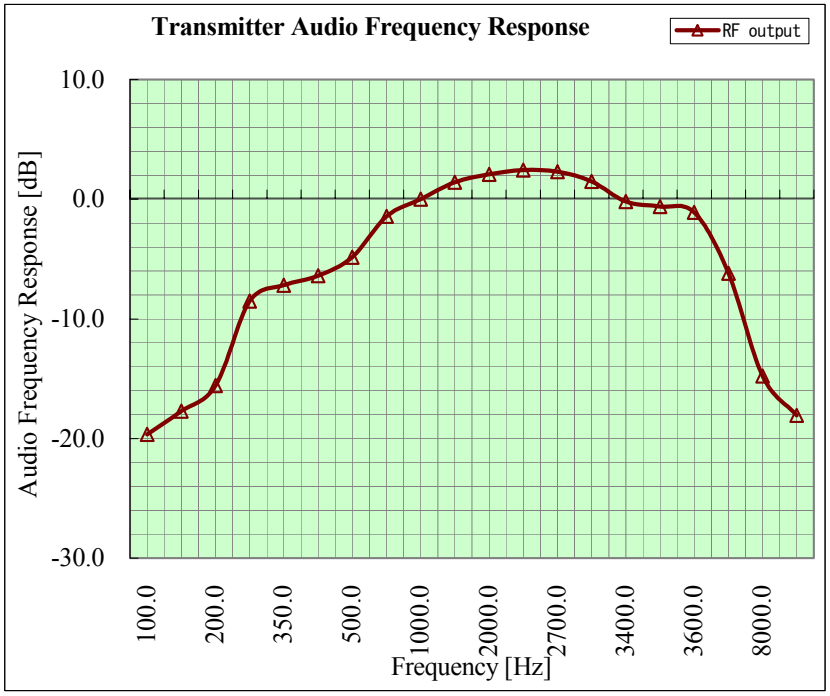
Audio Frequency Response (Conducted)

UL Japan, Inc
Head Office EMC Lab. No.6 Shielded room

Company	Edmo Distributors, Inc.	Regulation	FCC Part 2, Section 2.1047(a) TIA/EIA-603-C Section 2.2.6
Equipment	VHF AM TRANSCEIVER		
Model	FL-760	Test Distance	-
S/N	Sample 1	Date	January 29, 2008
Power	DC 13.8V	Temperature	22 deg.C.
Mode	Transmitting (Modulation ON) 127.5MHz	Humidity	35 %
		Engineer	Kenichi Adachi

Frequency [Hz]	RF output [mV] (ATT out)	Audio Response [dB]
100.0	0.0020	-19.6454
180.0	0.0025	-17.7072
200.0	0.0032	-15.5630
300.0	0.0072	-8.5194
350.0	0.0084	-7.1804
400.0	0.0092	-6.3903
500.0	0.0110	-4.8382
800.0	0.0163	-1.4223
1000.0	0.0192	0.0000
1500.0	0.0226	1.4161
2000.0	0.0244	2.0818
2600.0	0.0254	2.4306
2700.0	0.0250	2.2928
3000.0	0.0228	1.4927
3400.0	0.0188	-0.1829
3500.0	0.0179	-0.6090
3600.0	0.0169	-1.1083
5000.0	0.0094	-6.2035
8000.0	0.0035	-14.7847
10000.0	0.0024	-18.0618



Input level at 20% modulation (-47dBV)
* EUT input voltage : DC 13.8V
* Center frequency : 127.5 MHz

Audio Frequency Response (Conducted)

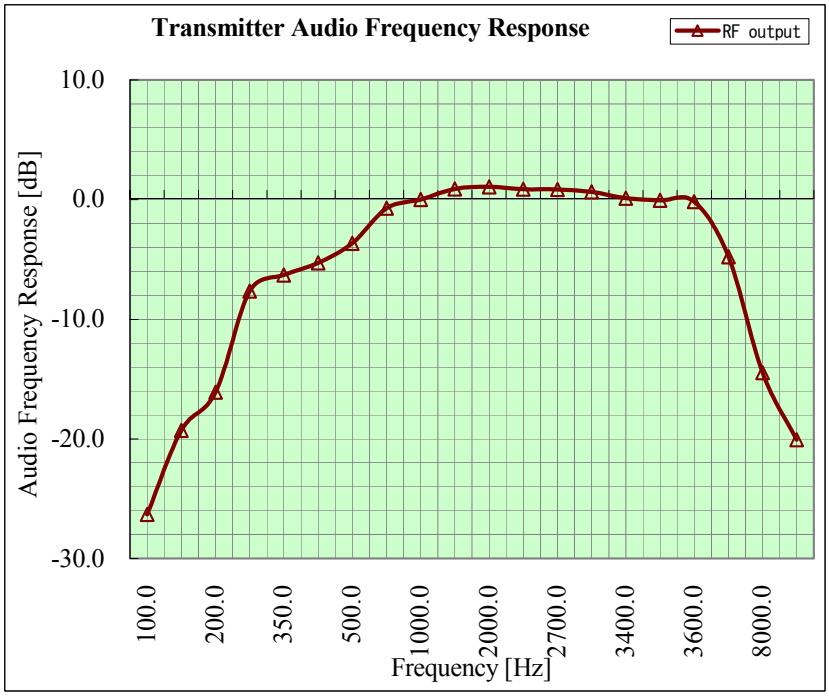
(Reference data)

UL Japan, Inc

Head Office EMC Lab. No.6 Shielded room

Company	Edmo Distributors, Inc.	Regulation	FCC Part 2, Section 2.1047(a)
Equipment	VHF AM TRANSCEIVER		RTCA/DO-186B Section 2.3.5
Model	FL-760	Test Distance	-
S/N	Sample 1	Date	January 29, 2008
Power	DC 13.8V	Temperature	22 deg.C.
Mode	Transmitting (Modulation ON)	Humidity	35 %
	127.5MHz	Engineer	Kenichi Adachi

Frequency [Hz]	RF output [mV] (ATT out)	Audio Response [dB]
100.0	0.0021	-26.3054
180.0	0.0047	-19.3078
200.0	0.0068	-16.0996
300.0	0.0180	-7.6443
350.0	0.0210	-6.3054
400.0	0.0236	-5.2916
500.0	0.0285	-3.6529
800.0	0.0399	-0.7303
1000.0	0.0434	0.0000
1500.0	0.0481	0.8931
2000.0	0.0490	1.0541
2600.0	0.0479	0.8569
2700.0	0.0478	0.8388
3000.0	0.0467	0.6365
3400.0	0.0440	0.1193
3500.0	0.0431	-0.0602
3600.0	0.0425	-0.1820
5000.0	0.0250	-4.7910
8000.0	0.0082	-14.4735
10000.0	0.0043	-20.0804

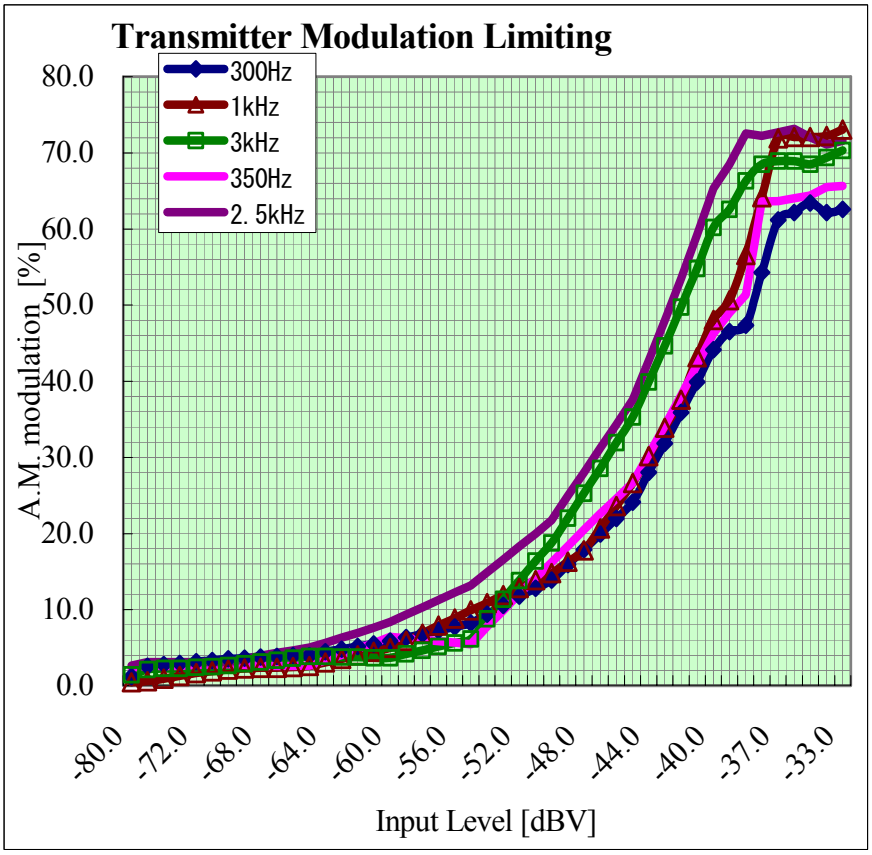


Input level at 70% modulation (-37.5dBV)
* EUT input voltage : DC 13.8V
* Center frequency : 127.5 MHz

Modulation Limiting (Conducted)

UL Japan, Inc
Head Office EMC Lab. No.6 Shielded room

Company	Edmo Distributors, Inc.	Regulation	FCC part 87, Section 87.141 / Part 2, Section 2.1047(b)	
Equipment	VHF AM TRANSCEIVER		TIA/EIA-603-C Section 2.2.3	
Model	FL-760	Test Distance	-	
S/N	Sample 1	Date	December 18, 2007	January 29, 2008
Power	DC 13.8V	Temperature	25 deg.C.	22 deg.C.
Mode	Transmitting (Modulation ON)	Humidity	46 %	35 %
	127.5MHz	Engineer	Kenichi Adachi	Kenichi Adachi



Modulation Limiting (Conducted)

Transmitting 127.5MHz

Input	Modulation Depth [%]														
	(Audio out)		300Hz	(Audio out)		350Hz	(Audio out)		1kHz	(Audio out)		2.5kHz	(Audio out)		3kHz
	Min range	Max Range	Mod. Depth	Min range	Max Range	Mod. Depth	Min range	Max Range	Mod. Depth	Min range	Max Range	Mod. Depth	Min range	Max Range	Mod. Depth
[dBV]	[mV]	[mV]	[%]	[mV]	[mV]	[%]	[mV]	[mV]	[%]	[mV]	[mV]	[%]	[mV]	[mV]	[%]
-80.0	**408.0**	**418.0**	1.21	**408.0**	**428.0**	2.39	**416.0**	**420.0**	0.48	**406.0**	**428.0**	2.64	**412.0**	**424.0**	1.44
-75.0	**418.0**	**440.0**	2.56	**410.0**	**432.0**	2.61	419	424	0.59	**402.0**	**428.0**	3.13	**410.0**	**428.0**	2.15
-74.0	416	440	2.8	410	432	2.61	417	425	0.95	402	428	3.13	408	427	2.28
-73.0	415	440	2.92	410	432	2.61	415	426	1.31	402	428	3.13	407	426	2.28
-72.0	413	440	3.17	409	432	2.73	413	427	1.67	402	428	3.13	405	425	2.41
-71.0	412	440	3.29	409	432	2.73	412	428	1.9	402	428	3.13	404	425	2.53
-70.0	**410.0**	**440.0**	3.53	**408.0**	**432.0**	2.86	**410.0**	**428.0**	2.15	**402.0**	**428.0**	3.13	**402.0**	**424.0**	2.66
-69.0	410	441	3.64	408	431	2.74	411	430	2.26	401	430	3.49	402	426	2.9
-68.0	410	442	3.76	408	430	2.63	412	432	2.37	400	433	3.96	402	428	3.13
-67.0	410	443	3.87	407	429	2.63	413	433	2.36	399	435	4.32	401	429	3.37
-66.0	410	444	3.98	407	429	2.63	414	435	2.47	399	438	4.66	401	431	3.61
-65.0	**410.0**	**444.0**	3.98	**406.0**	**428.0**	2.64	414	436	2.59	**398.0**	**440.0**	5.01	**400.0**	**432.0**	3.85
-64.0	408	446	4.45	404	432	3.35	412	438	3.06	395	442	5.62	398	430	3.86
-63.0	407	448	4.8	402	436	4.06	410	440	3.53	392	445	6.33	397	428	3.76
-62.0	405	449	5.15	399	440	4.89	407	441	4.01	389	447	6.94	395	426	3.78
61.0	404	451	5.5	397	444	5.59	405	443	4.48	386	450	7.66	394	424	3.67
-60.0	**402.0**	**452.0**	5.85	**394.0**	**448.0**	6.41	**402.0**	**444.0**	4.96	**382.0**	**452.0**	8.39	**392.0**	**422.0**	3.69
-59.0	400	454	6.32	391	443	6.24	398	448	5.91	378	456	9.35	390	424	4.18
-58.0	398	456	6.79	388	438	6.05	394	452	6.86	374	460	10.31	388	426	4.67
-57.0	395	457	7.28	385	433	5.87	390	457	7.91	370	464	11.27	386	428	5.16
-56.0	393	459	7.75	383	429	5.67	386	461	8.85	366	468	12.23	384	430	5.65
-55.0	**390.0**	**460.0**	8.24	**380.0**	**424.0**	5.47	382	466	9.91	**362.0**	**472.0**	13.19	**382.0**	**432.0**	6.14
-54.0	385	465	9.41	374	437	7.77	378	470	10.85	354	478	14.9	374	446	8.78
-53.0	380	470	10.59	369	450	9.89	374	475	11.9	347	485	16.59	366	460	11.38
-52.0	375	475	11.76	363	463	12.11	370	479	12.84	339	491	18.31	358	473	13.84
-51.0	371	480	12.81	358	476	14.15	366	484	13.88	332	498	20	350	487	16.37
-50.0	**366.0**	**484.0**	13.88	**352.0**	**488.0**	16.19	**362.0**	**488.0**	14.82	**324.0**	**504.0**	21.74	**342.0**	**500.0**	18.76
-49.0	356	491	15.94	343	497	18.33	354	492	16.31	310	516	24.94	326	510	22.01
-48.0	347	498	17.87	334	506	20.48	346	496	17.81	297	528	28	310	520	25.3
-47.0	337	505	19.95	325	515	22.62	334	508	20.67	283	540	31.23	294	529	28.55
-46.0	328	513	22	317	524	24.61	320	518	23.63	270	552	34.31	278	539	31.95
-45.0	**318.0**	**520.0**	24.11	**308.0**	**532.0**	26.67	**306.0**	**528.0**	26.62	**256.0**	**564.0**	37.56	**262.0**	**548.0**	35.31
-44.0	298	530	28.02	290	543	30.37	289	539	30.19	231	575	42.68	240	559	39.92
-43.0	279	540	31.87	272	554	34.14	271	549	33.9	206	586	47.98	218	570	44.67
-42.0	259	549	35.89	253	565	38.14	254	560	37.59	181	597	53.47	195	581	49.74
-41.0	240	559	39.92	235	577	42.12	224	564	43.15	156	609	59.22	173	593	54.83
-40.0	**220.0**	**568.0**	44.16	**216.0**	**588.0**	46.27	**202.0**	**576.0**	48.07	**130.0**	**620.0**	65.33	**150.0**	**604.0**	60.21
-39.5	**214.0**	**586.0**	46.5	**204.0**	**596.0**	49	**190.0**	**580.0**	50.65	**116.0**	**620.0**	68.48	**140.0**	**608.0**	62.57
-39.0	**210.0**	**588.0**	47.37	**194.0**	**604.0**	51.38	**162.0**	**584.0**	56.57	**100.0**	**628.0**	72.53	**124.0**	**612.0**	66.3
-38.0	**176.0**	**594.0**	54.29	**136.0**	**611.0**	63.59	**130.0**	**596.0**	64.19	**102.0**	**632.0**	72.21	**116.0**	**620.0**	68.48
-37.0	**146.0**	**606.0**	61.17	**136.0**	**612.0**	63.64	**98.0**	**600.0**	71.92	**100.0**	**632.0**	72.68	**114.0**	**620.0**	68.94
-36.0	**144.0**	**617.0**	62.16	**134.0**	**611.0**	64.03	**98.0**	**604.0**	72.08	**98.0**	**632.0**	73.15	**114.0**	**620.0**	68.94
-35.0	**138.0**	**617.0**	63.44	**132.0**	**610.0**	64.42	**98.0**	**604.0**	72.08	**102.0**	**628.0**	72.05	**116.0**	**620.0**	68.48
-34.0	**144.0**	**617.0**	62.16	**128.0**	**614.0**	65.5	**98.0**	**608.0**	72.24	**106.0**	**628.0**	71.12	**112.0**	**620.0**	69.4
-33.0	**142.0**	**617.0**	62.58	**128.0**	**618.0**	65.68	**94.0**	**604.0**	73.07	**104.0**	**628.0**	71.58	**108.0**	**620.0**	70.33

* Input Frequency : 300Hz , 350kHz, 1kHz , 2.5kHz, 3kHz
* EUT input voltage : DC 13.8V
* Center frequency : 127.5 MHz
* Audio out : EUT's audio output level (through 40dB Attenutor)

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Modulation Limiting (Conducted)

(Reference data)

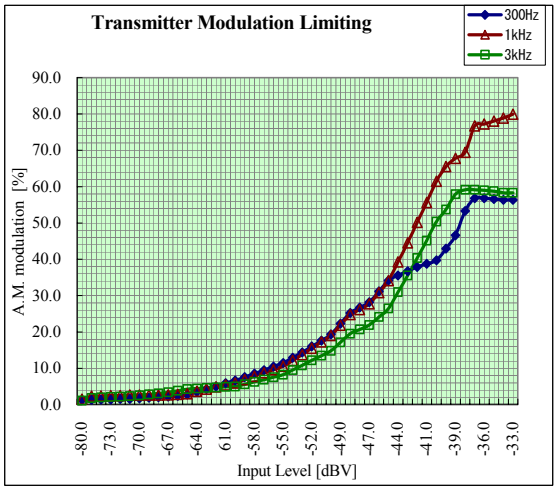
UL Japan, Inc

Head Office EMC Lab. No.3 Shielded room

Company	Edmo Distributors, Inc.	Regulation	FCC part 87, Section 87.141 / Part 2, Section 2.1047(b)
Equipment	VHF AM TRANSCEIVER		TIA/EIA-603-C Section 2.2.3
Model	FL-760	Test Distance	-
S/N	Sample 1	Date	January 21, 2008
Power	DC 31.0V	Temperature	24 deg.C.
Mode	Transmitting (Modulation ON)	Humidity	37 %
	127.5MHz	Engineer	Kenichi Adachi

Transmitting 127.5MHz

Input	ModulationDepth [%]								
	(Audio out) 300Hz			(Audio out) 1kHz			(Audio out) 3kHz		
[dBV]	Min range [mV]	Max Range [mV]	Mod. Depth [%]	Min range [mV]	Max Range [mV]	Mod. Depth [%]	Min range [mV]	Max Range [mV]	Mod. Depth [%]
-80.0	**390.0**	**400.0**	1.27	**388.0**	**400.0**	1.52	**438.0**	**448.0**	1.13
-75.0	**366.0**	**376.0**	1.35	**374.0**	**392.0**	2.35	**424.0**	**440.0**	1.85
-74.0	362	372	1.36	372	390	2.36	423	440	1.97
-73.0	358	368	1.38	370	389	2.5	422	440	2.09
-72.0	353	364	1.53	368	387	2.52	421	440	2.21
-71.0	349	360	1.55	366	386	2.66	420	440	2.33
-70.0	**344.0**	**356.0**	1.71	**364.0**	**384.0**	2.67	**418.0**	**440.0**	2.56
-69.0	339	352	1.88	363	383	2.68	411	435	2.84
-68.0	334	348	2.05	362	382	2.69	404	430	3.12
-67.0	329	344	2.23	361	381	2.7	397	425	3.41
-66.0	324	340	2.41	360	381	2.83	390	421	3.82
-65.0	**318.0**	**336.0**	2.75	**358.0**	**380.0**	2.98	**382.0**	**416.0**	4.26
-64.0	316	339	3.51	362	390	3.72	389	425	4.42
-63.0	314	342	4.27	367	400	4.3	396	434	4.58
-62.0	312	345	5.02	371	409	4.87	403	443	4.73
61.0	310	349	5.92	376	419	5.41	410	452	4.87
-60.0	**308.0**	**352.0**	6.67	**380.0**	**428.0**	5.94	**416.0**	**460.0**	5.02
-59.0	304	354	7.6	373	428	6.87	413	462	5.6
-58.0	300	356	8.54	366	428	7.81	410	465	6.29
-57.0	295	357	9.51	359	428	8.77	407	467	6.86
-56.0	291	359	10.46	353	428	9.6	404	470	7.55
-55.0	**286.0**	**360.0**	11.46	**346.0**	**428.0**	10.59	**400.0**	**472.0**	8.26
-54.0	280	363	12.91	336	429	12.16	394	477	9.53
-53.0	274	366	14.38	326	430	13.76	388	482	10.8
-52.0	267	369	16.04	315	431	15.55	381	487	12.21
-51.0	261	373	17.67	305	432	17.23	375	492	13.49
-50.0	**254.0**	**376.0**	19.37	**294.0**	**432.0**	19.01	**368.0**	**496.0**	14.81
-49.0	244	384	22.29	281	438	21.84	357	505	17.17
-48.0	234	392	25.24	268	445	24.82	346	514	19.53
-47.5	229	396	26.72	262	448	26.2	341	519	20.7
-47.0	224	400	28.21	255	451	27.76	335	523	21.91
-46.0	214	408	31.19	242	458	30.86	325	532	24.15
-45.0	**204.0**	**416.0**	34.19	**228.0**	**464.0**	34.1	**314.0**	**540.0**	26.46
-44.0	214	450	35.54	208	477	39.27	291	552	30.96
-43.0	224	484	36.72	188	490	44.54	268	564	35.58
-42.0	233	517	37.87	167	503	50.15	245	576	40.32
-41.0	243	551	38.79	147	516	55.66	222	588	45.19
-40.0	**252.0**	**584.0**	39.71	**126.0**	**528.0**	61.47	**198.0**	**600.0**	50.38
-39.5	**230.0**	**576.0**	42.93	**110.0**	**528.0**	65.52	**182.0**	**604.0**	53.69
-39.0	**220.0**	**604.0**	46.6	**102.0**	**532.0**	67.82	**162.0**	**608.0**	57.92
-38.0	**190.0**	**624.0**	53.32	**108.0**	**600.0**	69.49	**158.0**	**616.0**	59.17
-37.0	**174.0**	**632.0**	56.82	**78.0**	**592.0**	76.72	**158.0**	**616.0**	59.17
-36.0	**174.0**	**632.0**	56.82	**74.0**	**576.0**	77.23	**158.0**	**612.0**	58.96
-35.0	**174.0**	**628.0**	56.61	**70.0**	**568.0**	78.06	**158.0**	**608.0**	58.75
-34.0	**174.0**	**624.0**	56.39	**66.0**	**560.0**	78.91	**158.0**	**600.0**	58.31
-33.0	**174.0**	**624.0**	56.39	**62.0**	**556.0**	79.94	**158.0**	**600.0**	58.31



* Input Frequency : 300Hz , 1kHz , 3kHz
* EUT input voltage : DC 31.0V
* Center frequency : 127.5 MHz
* Audio out : EUT's audio output level (through 40dB Attenutor)

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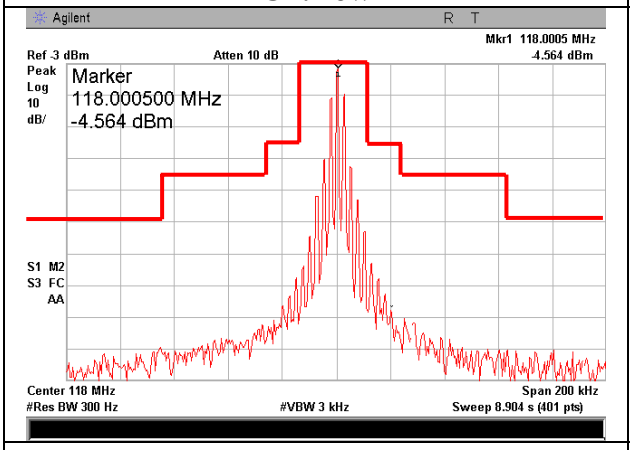
Bandwidth of Emission (Condcuted)

UL Japan, Inc
Head Office EMC Lab. No.6 Shielded room

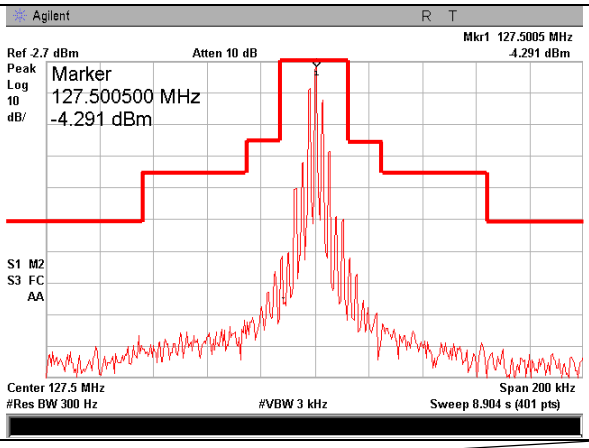
Company	Edmo Distributors, Inc.	Regulation	FCC part 87, Section 87.139(a) / Part 2, Section 2.1049
Equipment	VHF AM TRANSCEIVER		TIA/EIA-603-C Section 2.2.11
Model	FL-760	Test Distance	-
S/N	Sample 1	Date	January 8, 2007
Power	DC 31.0V / DC 13.8V	Temperature	24 deg.C.
Mode	Transmitting (Modulation ON)	Humidity	35 %
	(Input Audio signal: -23.5dBV, 2.5kHz)	Engineer	Kenichi Adachi

DC 13.8V

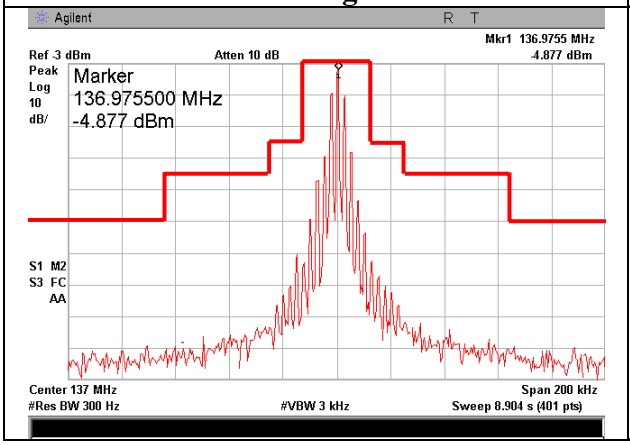
Ch:Low



Ch:Mid



Ch:High

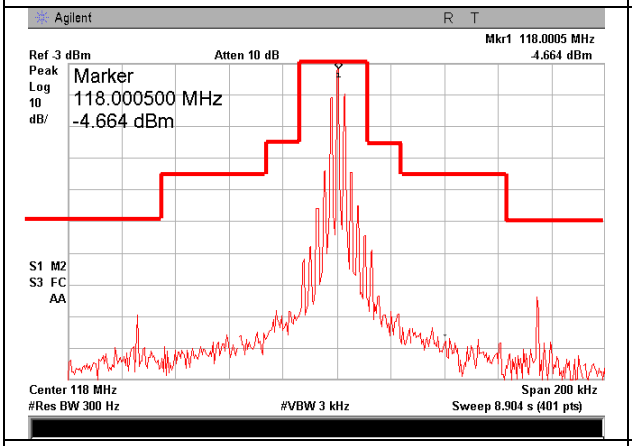


* Spurious Limit Line -52.7dBm = Limit -13dBm –Loss 39.7dB

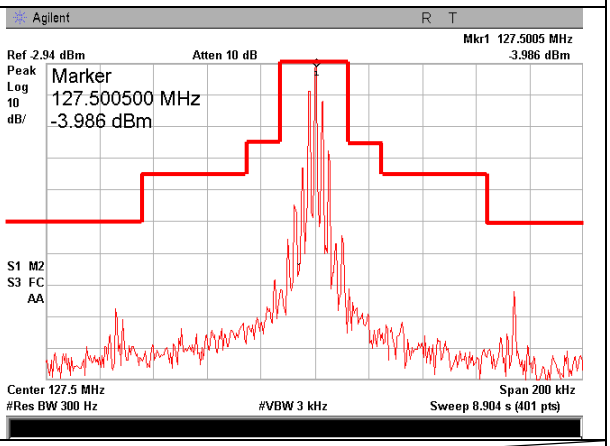
Bandwidth of Emission (Condcuted)

DC 31.0V

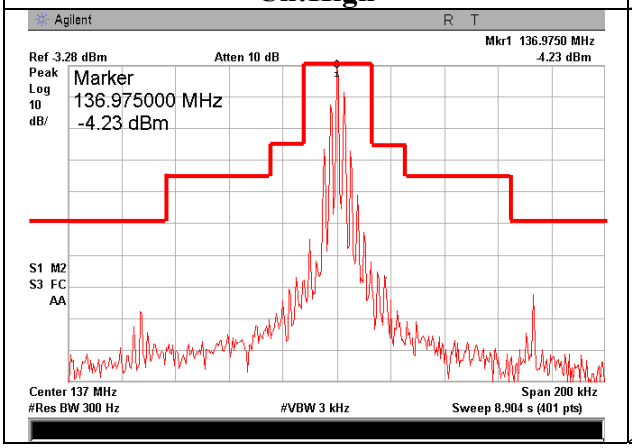
Ch:Low

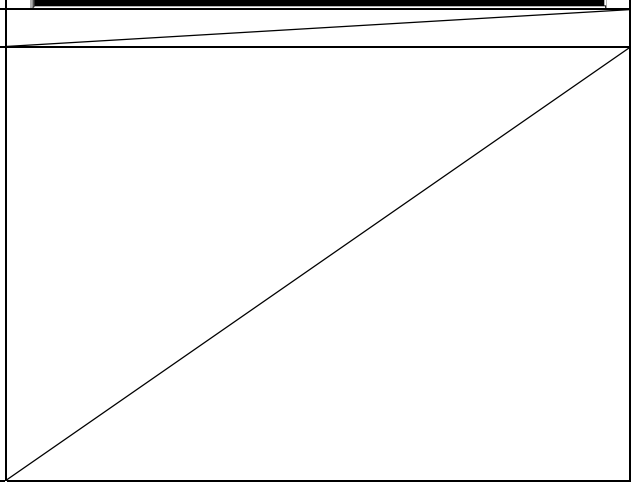


Ch:Mid



Ch:High





* Spurious Limit Line -52.7dBm = Limit -13dBm –Loss 39.7dB

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Spurious Emissions (Condcuted)

(Low)

UL Japan, Inc.
Head Office EMC Lab. No.3 shielded room

Company	Edmo Distributors, Inc.		
Equipment	VHF AM TRANSCEIVER	Regulation	FCC part 87, Section 87.139 (a)(3), FCC 2.1051
Model	FL-760		TIA/EIA-603-C Section 2.2.13
S/N	Sample 1	Test Distance	-
Power	DC 31.0V	Date	January 21, 2008
Mode	Transmitting (Modulation ON), 118MHz	Temperature	24 deg.C.
	(Input Audio signal: -23.5dBV, 2.5kHz)	Humidity	37 %
		Engineer	Kenichi Adachi

(Spurious Below 1GHz) (RBW: 10kHz , VBW:30kHz , ATT 10dB , SWP :auto)

No.	FREQ [MHz]	S/A READING [dBm]	ATT Loss [dB]	Cable Loss [dB]	RESULT Conducted [dBm]	Limit [dBm]	MARGIN Conducted [dB]
1	236.10	-63.56	39.60	0.33	-23.63	-13.00	10.63
2	354.00	-61.48	39.61	0.41	-21.46	-13.00	**8.46**
3	471.80	-65.00	39.62	0.48	-24.90	-13.00	11.90
4	590.00	-66.31	39.64	0.53	-26.14	-13.00	13.14
5	708.00	-67.59	39.67	0.59	-27.33	-13.00	14.33
6	826.00	-66.33	39.64	0.65	-26.04	-13.00	13.04
7	944.00	-66.54	39.61	0.71	-26.22	-13.00	13.22

(Spurious Above 1GHz) (RBW: 1MHz , VBW:3MHz , ATT 10dB , SWP: auto)

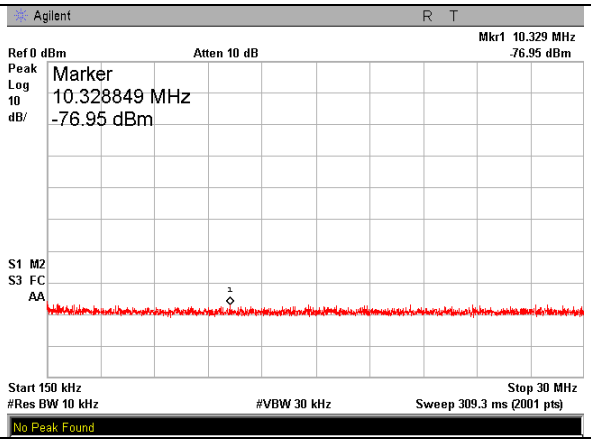
No.	FREQ [MHz]	S/A READING [dBm]	ATT Loss [dB]	Cable Loss [dB]	RESULT Conducted [dBm]	Limit [dBm]	MARGIN Conducted [dB]
8	1062.00	-60.13	30.19	0.82	-29.12	-13.00	16.12
9	1180.00	-60.50	30.19	0.86	-29.45	-13.00	16.45

REMARKS
CALCULATION RESULT=Reading + ATT Loss + Cable Loss
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
- Below 1GHz : SA PK(RBW:10kHz/VBW:30kHz) Above 1GHz : S/A PK(RBW:1MHz/VBW:3MHz)

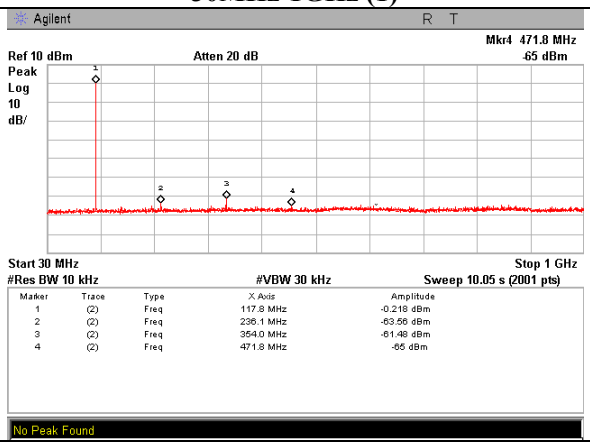
Spurious Emissions (Condcuted)

(Low)

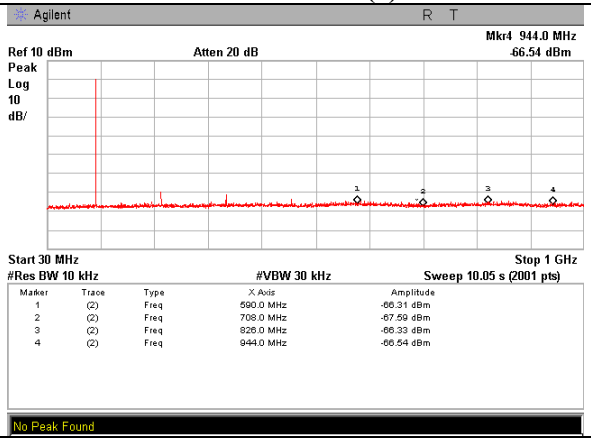
Below 30MHz



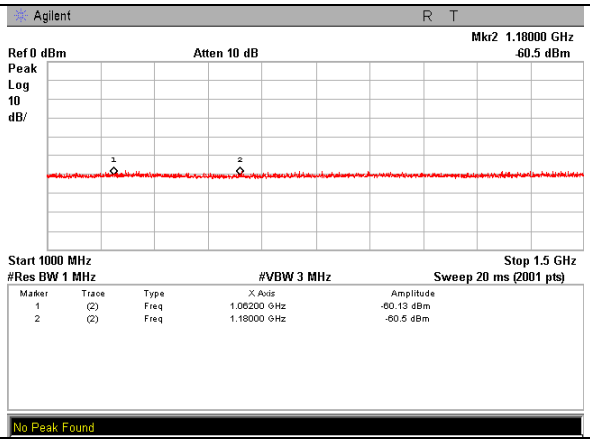
30MHz-1GHz (1)



30MHz-1GHz (2)



1GHz-1.5GHz



Spurious Emissions (Condcuted)

(Mid)

UL Japan, Inc.
Head Office EMC Lab. No.3 shielded room

Company	Edmo Distributors, Inc.		
Equipment	VHF AM TRANSCEIVER	Regulation	FCC part 87, Section 87.139 (a)(3), FCC 2.1051
Model	FL-760		TIA/EIA-603-C Section 2.2.13
S/N	Sample 1	Test Distance	-
Power	DC 31.0V	Date	January 21, 2008
Mode	Transmitting (Modulation ON), 127.5MHz	Temperature	24 deg.C.
	(Input Audio signal: -23.5dBV, 2.5kHz)	Humidity	37 %
		Engineer	Kenichi Adachi

(Spurious Below 1GHz) (RBW: 10kHz , VBW:30kHz , ATT 10dB , SWP :auto)

No.	FREQ [MHz]	S/A READING [dBm]	ATT Loss [dB]	Cable Loss [dB]	RESULT Conducted [dBm]	Limit [dBm]	MARGIN Conducted [dB]
1	255.00	-61.94	39.60	0.33	-22.01	-13.00	9.01
2	382.60	-60.93	39.61	0.43	-20.89	-13.00	**7.89**
3	510.10	-63.53	39.62	0.50	-23.41	-13.00	10.41
4	637.70	-64.05	39.65	0.56	-23.84	-13.00	10.84
5	765.30	-66.33	39.65	0.63	-26.05	-13.00	13.05
6	892.80	-66.25	39.63	0.69	-25.93	-13.00	12.93

(Spurious Above 1GHz) (RBW: 1MHz , VBW:3MHz , ATT 10dB , SWP: auto)

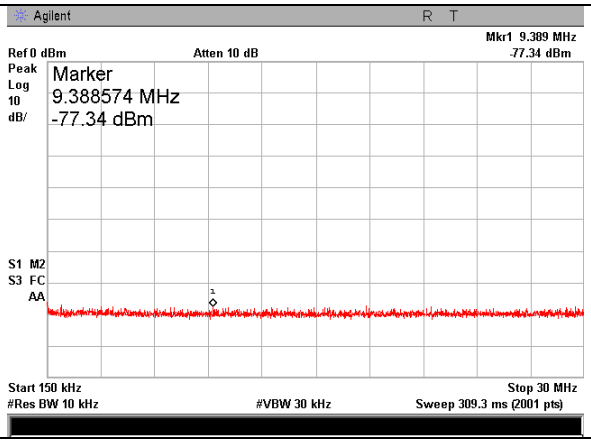
No.	FREQ [MHz]	S/A READING [dBm]	ATT Loss [dB]	Cable Loss [dB]	RESULT Conducted [dBm]	Limit [dBm]	MARGIN Conducted [dB]
7	1020.00	-60.89	30.19	0.81	-29.89	-13.00	16.89
8	1147.50	-61.07	30.19	0.85	-30.03	-13.00	17.03
9	1275.00	-60.55	30.20	0.88	-29.47	-13.00	16.47

REMARKS
CALCULATION RESULT=Reading + ATT Loss + Cable Loss
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
- Below 1GHz : SA PK(RBW:10kHz/VBW:30kHz) Above 1GHz : S/A PK(RBW:1MHz/VBW:3MHz)

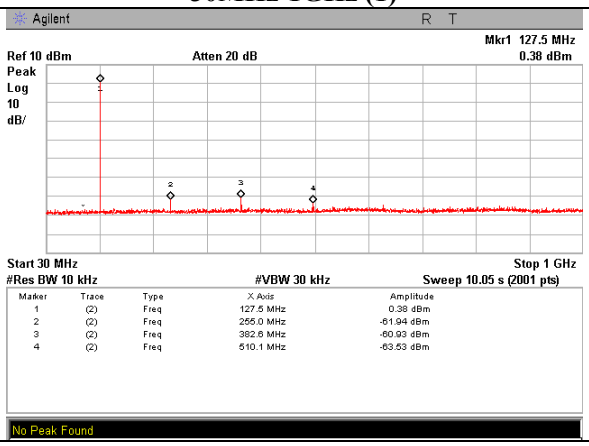
Spurious Emissions (Condcuted)

(Mid)

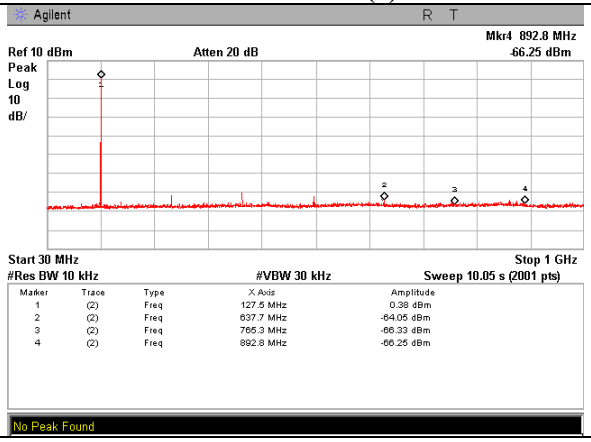
Below 30MHz



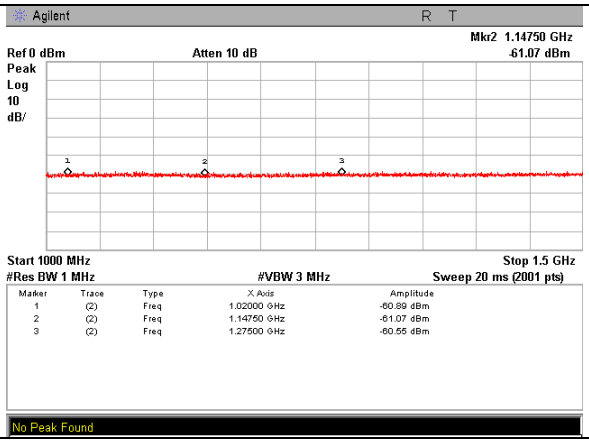
30MHz-1GHz (1)



30MHz-1GHz (2)



1GHz-1.5GHz



Spurious Emissions (Condcuted)

(High)

UL Japan, Inc.

Head Office EMC Lab. No.3 shielded room

Company	Edmo Distributors, Inc.		
Equipment	VHF AM TRANSCEIVER	Regulation	FCC part 87, Section 87.139 (a)(3), FCC 2.1051
Model	FL-760		TIA/EIA-603-C Section 2.2.13
S/N	Sample 1	Test Distance	-
Power	DC 31.0V	Date	January 21, 2008
Mode	Transmitting (Modulation ON), 136.975MHz	Temperature	24 deg.C.
	(Input Audio signal: -23.5dBV, 2.5kHz)	Humidity	37 %
		Engineer	Kenichi Adachi

(Spurious Below 1GHz) (RBW: 10kHz , VBW:30kHz , ATT 10dB , SWP :auto)

No.	FREQ [MHz]	S/A READING [dBm]	ATT Loss [dB]	Cable Loss [dB]	RESULT Conducted [dBm]	Limit [dBm]	MARGIN Conducted [dB]
1	273.95	-65.32	39.60	0.35	-25.37	-13.00	12.37
2	410.93	-63.34	39.61	0.44	-23.29	-13.00	**10.29**
3	547.90	-67.28	39.63	0.51	-27.14	-13.00	14.14
4	684.88	-68.47	39.67	0.58	-28.22	-13.00	15.22
5	821.85	-71.35	39.64	0.65	-31.06	-13.00	18.06
6	958.83	-71.58	39.61	0.71	-31.26	-13.00	18.26

(Spurious Above 1GHz) (RBW: 1MHz , VBW:3MHz , ATT 10dB , SWP: auto)

No.	FREQ [MHz]	S/A READING [dBm]	ATT Loss [dB]	Cable Loss [dB]	RESULT Conducted [dBm]	Limit [dBm]	MARGIN Conducted [dB]
7	1095.80	-59.21	30.20	0.83	-28.18	-13.00	15.18
8	1232.78	-60.05	30.20	0.87	-28.98	-13.00	15.98
9	1369.75	-58.55	30.20	0.91	-27.44	-13.00	14.44

REMARKS

CALCULATION RESULT=Reading + ATT Loss + Cable Loss

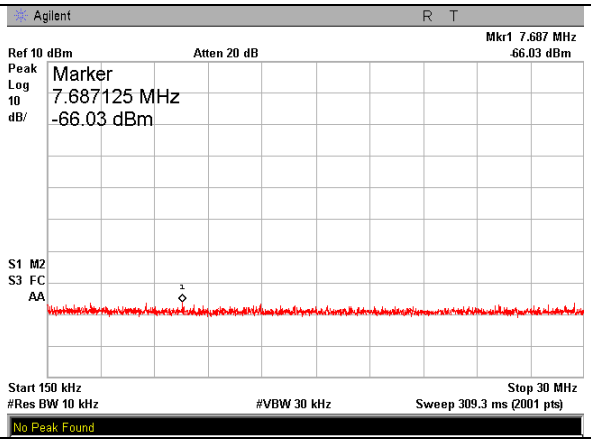
*Except for the above table : All other spurious emissions were less than 20dB for the limit.

- Below 1GHz : SA PK(RBW:10kHz/VBW:30kHz) Above 1GHz : S/A PK(RBW:1MHz/VBW:3MHz)

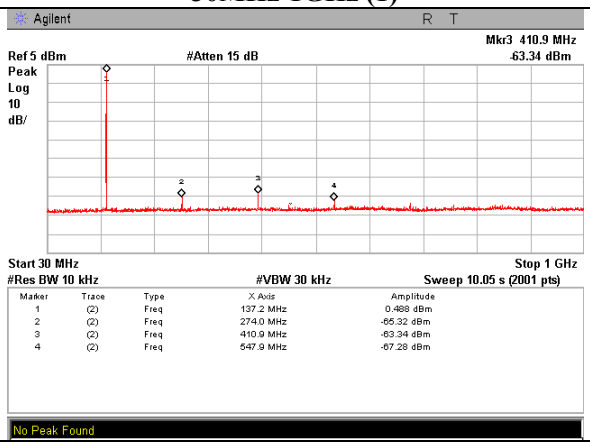
Spurious Emissions (Condcuted)

(High)

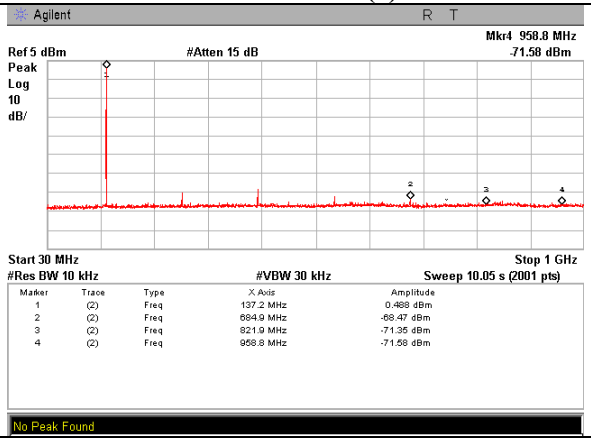
Below 30MHz



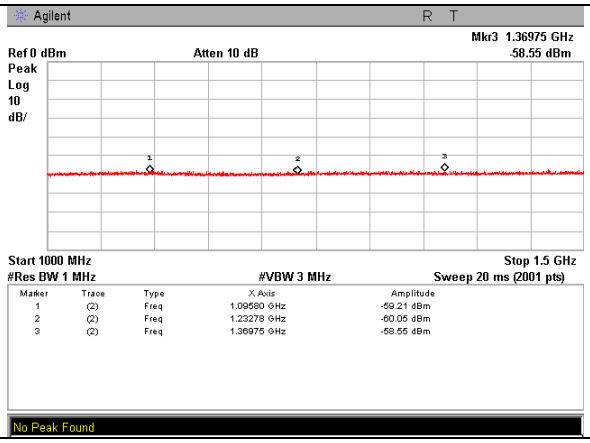
30MHz-1GHz (1)



30MHz-1GHz (2)



1GHz-1.5GHz



Spuripous Emissions (Radiated) (Transmitting)

(Low)

UL Japan, Inc.
Head Office EMC Lab. No.1 and No.3 Semi Anechoic Chamber

Company	Edmo Distributors, Inc.		
Equipment	VHF AM TRANSCEIVER	Regulation	FCC part 87, Section 87.139 (a)(3), FCC 2.1053
Model	FL-760		TIA/EIA-603-C Section 2.2.12
S/N	Sample 1	Test Distance	3m
Power	DC 13.8V	Date	December 26, 2007 / December 27, 2007
Mode	Transmitting (Modulation ON), 118MHz, (Input Audio signal: -23.5dBV, 2.5kHz)	Temperature	21 deg.C. / 24 deg.C.
		Humidity	31 % / 31 %
EUT-Position	Normal-axis	Engineer	Kenichi Adachi (No.1A/C) / Kenichi Adachi (No.3A/C)
Tx Antenna	0.8m Height (Antenna connecter 50ohm Terminated)		

No.	Frequency [MHz]	Electric Field Strength (After Factor Calculation) [dBuV/m]		SG Reading [dBm]		Tx Cable Loss [dB]	Tx Ant. Gain [dBi]	Tx Ant. ATT. Loss [dB]	RESULT (EIRP) [dBm]		LIMIT [dBm] (EIRP)	MARGIN [dB]		Mode	A/C	Remarks
		HOR	VER	HOR	VER				HOR	VER		HOR	VER			
1	118.00	54.7	58.7	-31.1	-27.6	3.8	1.9	10.0	-43.0	-39.5	-13.0	30.0	26.5	Operating	No1	
2	236.00	70.2	61.4	-17.5	-18.9	5.6	2.2	9.9	-30.9	-32.3	-13.0	17.9	19.3	Operating	No1	
3	354.00	70.8	55.9	-15.5	-26.5	7.1	2.2	9.7	-30.2	-41.2	-13.0	**17.2**	28.2	Operating	No1	
4	472.00	64.7	59.2	-19.6	-23.7	8.6	2.2	10.0	-36.1	-40.2	-13.0	23.1	27.2	Operating	No1	
5	590.00	52.4	53.3	-30.8	-28.3	10.2	2.2	10.1	-48.8	-46.4	-13.0	35.8	33.4	Operating	No1	
6	708.00	57.7	49.7	-23.7	-29.0	11.6	2.2	10.0	-43.2	-48.5	-13.0	30.2	35.5	Operating	No1	
7	826.00	63.2	62.1	-18.1	-15.6	12.5	2.2	9.8	-38.3	-35.7	-13.0	25.3	22.7	Operating	No1	
8	944.00	45.7	46.9	-33.6	-30.0	13.1	2.2	9.7	-54.2	-50.6	-13.0	41.2	37.6	Operating	No1	
9	1062.01	44.8	49.1	-55.6	-53.1	1.7	6.6	0.0	-50.7	-48.2	-13.0	37.7	35.2	Operating	No3	
10	1180.00	35.7	35.6	-65.7	-67.5	1.8	7.1	0.0	-60.4	-62.1	-13.0	47.4	49.1	Operating	No3	

CALCULATION RESULT = SG Reading - Tx Loss + Tx Ant. Gain - Tx Ant. ATT. Loss
Rx-ANTENNA : Biconical Antenna(30-300MHz), Logperriodic Antenna(300-1000MHz), Horn Antenna(1-12.75GHz)
Tx-ANTENNA : Shorted Dipole Antenna(30-120MHz), Dipole Antenna(120-1000MHz), Horn Antenna(1-12.75GHz)
All other emissions were at least 20dB below the specification limit.
The noise was measured at each position of all three axes X, Y and Z to compare the level, and the maximum noise.
With the result above, the effective radiated power was calculated on the basis of the reference value
- for the calibration data on the substitution measurement.
*The limit is rounded down to one decimal place.
*The test result is round off to one or two decimal places, so some differences might be observed.
Detector : Below 1GHz : S/A PK(RBW:10kHz/VBW:300kHz), Above 1GHz : S/A PK(RBW:1MHz/VBW:3MHz)

Spuripous Emissions (Radiated) (Transmitting)

(Mid)

UL Japan, Inc.

Head Office EMC Lab. No.1 and No.3 Semi Anechoic Chamber

Company	Edmo Distributors, Inc.		
Equipment	VHF AM TRANSCEIVER	Regulation	FCC part 87, Section 87.139 (a)(3), FCC 2.1053
Model	FL-760		TIA/EIA-603-C Section 2.2.12
S/N	Sample 1	Test Distance	3m
Power	DC 13.8V	Date	December 26, 2007 December 27, 2007
Mode	Transmitting (Modulation ON), 127.5MHz, (Input Audio signal: -23.5dBV, 2.5kHz)	Temperature	21 deg.C. 24 deg.C.
		Humidity	31 % 31 %
EUT-Position	Normal-axis	Engineer	Kenichi Adachi Kenichi Adachi
Tx Antenna	0.8m Height (Antenna connecter 50ohm Terminated)		(No.1A/C) (No.3A/C)

No.	Frequency [MHz]	Electric Field Strength (After Factor Calculation) [dBuV/m]		SG Reading [dBm]		Tx Cable Loss [dB]	Tx Ant. Gain [dBi]	Tx Ant. ATT. Loss [dB]	RESULT (EIRP) [dBm]		LIMIT [dBm] (EIRP)	MARGIN [dB]		Mode	A/C	Remarks
		HOR	VER	HOR	VER				HOR	VER		HOR	VER			
1	127.50	53.7	60.4	-32.1	-25.1	3.9	2.2	10.1	-44.0	-37.0	-13.0	31.0	24.0	Operating	No1	
2	255.00	73.5	61.3	-13.5	-18.5	5.9	2.2	9.9	-27.0	-32.0	-13.0	**14.0**	19.0	Operating	No1	
3	382.50	60.6	57.2	-25.3	-25.5	7.5	2.2	9.7	-40.3	-40.6	-13.0	27.3	27.6	Operating	No1	
4	510.00	59.8	58.8	-23.9	-24.0	9.1	2.2	10.1	-41.0	-41.0	-13.0	28.0	28.0	Operating	No1	
5	637.50	54.0	46.4	-28.5	-34.1	10.8	2.2	10.1	-47.1	-52.7	-13.0	34.1	39.7	Operating	No1	
6	765.00	58.0	58.4	-23.8	-19.8	12.1	2.2	9.9	-43.6	-39.7	-13.0	30.6	26.7	Operating	No1	
7	892.00	46.5	45.7	-33.1	-31.4	12.8	2.2	9.6	-53.3	-51.6	-13.0	40.3	38.6	Operating	No1	
8	1020.02	47.6	50.2	-52.5	-51.7	1.6	6.4	0.0	-47.7	-46.9	-13.0	34.7	33.9	Operating	No3	
9	1274.97	43.8	43.7	-58.5	-60.1	1.8	7.5	0.0	-52.8	-54.4	-13.0	39.8	41.4	Operating	No3	

CALCULATION RESULT = SG Reading - Tx Loss + Tx Ant. Gain - Tx Ant. ATT. Loss

Rx-ANTENNA : Biconical Antenna(30-300MHz), Logperriodic Antenna(300-1000MHz), Horn Antenna(1-12.75GHz)

Tx-ANTENNA : Shorted Dipole Antenna(30-120MHz), Dipole Antenna(120-1000MHz), Horn Antenna(1-12.75GHz)

All other emissions were at least 20dB below the specification limit.

The noise was measured at each position of all three axes X, Y and Z to compare the level, and the maximum noise.

With the result above, the effective radiated power was calculated on the basis of the reference value

- for the calibration data on the substitution measurement.

*The limit is rounded down to one decimal place.

*The test result is round off to one or two decimal places, so some differences might be observed.

Detector : Below 1GHz : S/A PK(RBW:10kHz/VBW:300kHz), Above 1GHz : S/A PK(RBW:1MHz/VBW:3MHz)

Spuripous Emissions (Radiated) (Transmitting)

(High)

UL Japan, Inc.

Head Office EMC Lab. No.1 and No.3 Semi Anechoic Chamber

Company	Edmo Distributors, Inc.			
Equipment	VHF AM TRANSCEIVER	Regulation	FCC part 87, Section 87.139 (a)(3), FCC 2.1053	
Model	FL-760		TIA/EIA-603-C Section 2.2.12	
S/N	Sample 1	Test Distance	3m	
Power	DC 13.8V	Date	December 26, 2007	December 27, 2007
Mode	Transmitting (Modulation ON), 136.975MHz, (Input Audio signal: -23.5dBV, 2.5kHz)	Temperature	21 deg.C.	24 deg.C.
		Humidity	31 %	31 %
EUT-Position	Normal-axis	Engineer	Kenichi Adachi (No.1A/C)	Kenichi Adachi (No.3A/C)
Tx Antenna	0.8m Height (Antenna connecter 50ohm Terminated)			

No.	Frequency [MHz]	Electric Field Strength (After Factor Calculation) [dBuV/m]		SG Reading [dBm]		Tx Cable Loss [dB]	Tx Ant. Gain [dBi]	Tx Ant. ATT. Loss [dB]	RESULT (EIRP) [dBm]		LIMIT [dBm] (EIRP)	MARGIN [dB]		Mode	A/C	Remarks
		HOR	VER	HOR	VER				HOR	VER		HOR	VER			
1	136.98	55.6	61.9	-30.7	-23.5	4.1	2.2	10.0	-42.6	-35.4	-13.0	29.6	22.4	Operating	No1	
2	273.95	66.8	62.3	-20.0	-18.1	6.1	2.2	9.9	-33.8	-31.9	-13.0	20.8	18.9	Operating	No1	
3	410.93	71.2	59.1	-14.2	-23.8	7.8	2.2	9.8	-29.7	-39.3	-13.0	**16.7**	26.3	Operating	No1	
4	547.90	50.2	54.3	-33.3	-27.9	9.6	2.2	10.1	-50.8	-45.5	-13.0	37.8	32.5	Operating	No1	
5	684.88	51.0	46.3	-30.7	-32.9	11.3	2.2	10.1	-49.9	-52.1	-13.0	36.9	39.1	Operating	No1	
6	821.85	58.5	57.6	-22.9	-20.1	12.5	2.2	9.8	-43.1	-40.2	-13.0	30.1	27.2	Operating	No1	
7	958.83	46.2	46.9	-33.0	-29.9	13.2	2.2	9.7	-53.8	-50.7	-13.0	40.8	37.7	Operating	No1	
8	1095.79	43.0	48.4	-57.7	-54.0	1.7	6.7	0.0	-52.7	-49.0	-13.0	39.7	36.0	Operating	No3	
9	1232.78	43.1	44.4	-58.8	-59.0	1.8	7.3	0.0	-53.3	-53.5	-13.0	40.3	40.5	Operating	No3	
10	1369.77	45.1	47.5	-58.0	-57.0	1.9	7.9	0.0	-52.0	-51.0	-13.0	39.0	38.0	Operating	No3	

CALCULATION RESULT = SG Reading - Tx Loss + Tx Ant. Gain - Tx Ant. ATT. Loss

Rx-ANTENNA : Biconical Antenna(30-300MHz), Logperriodic Antenna(300-1000MHz), Horn Antenna(1-12.75GHz)

Tx-ANTENNA : Shorted Dipole Antenna(30-120MHz), Dipole Antenna(120-1000MHz), Horn Antenna(1-12.75GHz)

All other emissions were at least 20dB below the specification limit.

The noise was measured at each position of all three axes X, Y and Z to compare the level, and the maximum noise.

With the result above, the effective radiated power was calculated on the basis of the reference value - for the calibration data on the substitution measurement.

*The limit is rounded down to one decimal place.

*The test result is round off to one or two decimal places, so some differences might be observed.

Detector : Below 1GHz : S/A PK(RBW:10kHz/VBW:300kHz), Above 1GHz : S/A PK(RBW:1MHz/VBW:3MHz)

Frequency Stability

UL Japan, Inc.
Head Office EMC Lab. No.6 Shielded room

Company	Edmo Distributors, Inc.		
Equipment	VHF AM TRANSCEIVER	Regulation	FCC part 87, Section 87.133(a), FCC 2.1055
Model	FL-760		TIA/EIA-603-C Section 2.2.2
S/N	Sample 1	Test Distance	-
Power	DC 26.0V	Date	January 21, 2008
Mode	Transmitting (Modulation OFF)	Temperature	22 deg.C.
		Humidity	33 %
		Engineer	Kenichi Adachi

		Tx118.000MHz			Tx127.500MHz			Tx136.975MHz		
Temp. [deg.C]	Volt. [V]	Frequency Reading [MHz]	Frequency Error [kHz]	Limit 20ppm [kHz]	Frequency Reading [MHz]	Frequency Error [kHz]	Limit 20ppm [kHz]	Frequency Reading [MHz]	Frequency Error [kHz]	Limit 20ppm [kHz]
-30.0	26.0	117.9999768	-0.02	2.55	127.4999745	-0.03	2.55	136.9749785	-0.02	2.55
-20.0	26.0	117.9999825	-0.02	2.55	127.4999838	-0.02	2.55	136.9749813	-0.02	2.55
-10.0	26.0	117.9999857	-0.01	2.55	127.4999864	-0.01	2.55	136.9749845	-0.02	2.55
0.0	26.0	117.9999832	-0.02	2.55	127.4999824	-0.02	2.55	136.9749747	-0.03	2.55
10.0	26.0	117.9999604	-0.04	2.55	127.4999635	-0.04	2.55	136.9749415	-0.06	2.55
20.0	26.0	117.9998959	-0.10	2.55	127.4998633	-0.14	2.55	136.9748713	-0.13	2.55
30.0	26.0	117.9999356	-0.06	2.55	127.4999345	-0.07	2.55	136.9749418	-0.06	2.55
40.0	26.0	117.9999586	-0.04	2.55	127.4999458	-0.05	2.55	136.9749516	-0.05	2.55
50.0	26.0	117.9999310	-0.07	2.55	127.4999338	-0.07	2.55	136.9749115	-0.09	2.55
55.0	26.0	117.9999289	-0.07	2.55	127.4999292	-0.07	2.55	136.9749085	-0.09	2.55

Temp. [deg.C]	Volt. *1) [V]	Frequency Reading [MHz]	Frequency Error [kHz]	Limit 1.5ppm [kHz]	Frequency Reading [MHz]	Frequency Error [kHz]	Limit 1.5ppm [kHz]	Frequency Reading [MHz]	Frequency Error [kHz]	Limit 1.5ppm [kHz]
20.0	31.00	117.9998920	-0.11	2.55	127.4999210	-0.08	2.55	136.9748920	-0.11	2.55
20.0	11.70	117.9998928	-0.11	2.55	127.4999290	-0.07	2.55	136.9748929	-0.11	2.55

*1) Low 11.7V, High 31V, Since EUT's specification DC 11.7V to DC 16V (Normal 13.8V) and DC 22V to 31V (Normal 26V).

99%Occupied Bandwidth

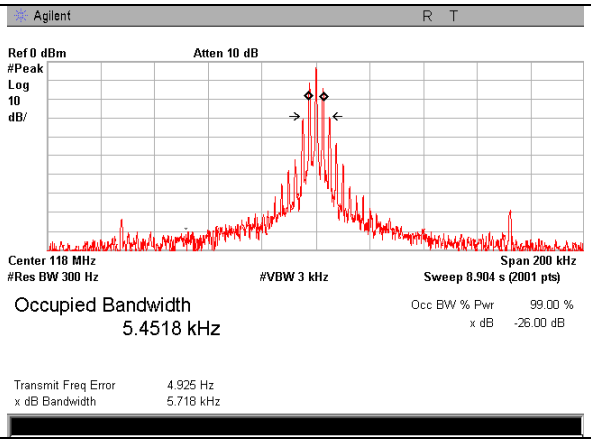
(Reference data)

UL Japan, Inc.

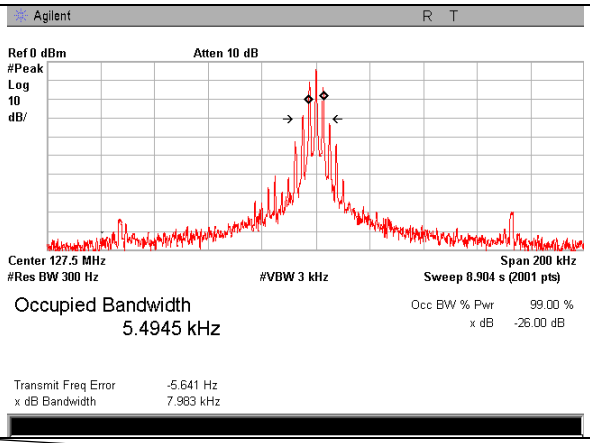
Head Office EMC Lab. No.3 shielded room

Company	Edmo Distributors, Inc.		
Equipment	VHF AM TRANSCEIVER	Regulation	(Reference)
Model	FL-760	Test Distance	-
S/N	Sample 1	Date	January 21, 2008
Power	DC 31.0V	Temperature	24 deg.C.
Mode	Transmitting (Modulation ON)	Humidity	37 %
	(Input Audio signal: -23.5dBV, 2.5kHz)	Engineer	Kenichi Adachi

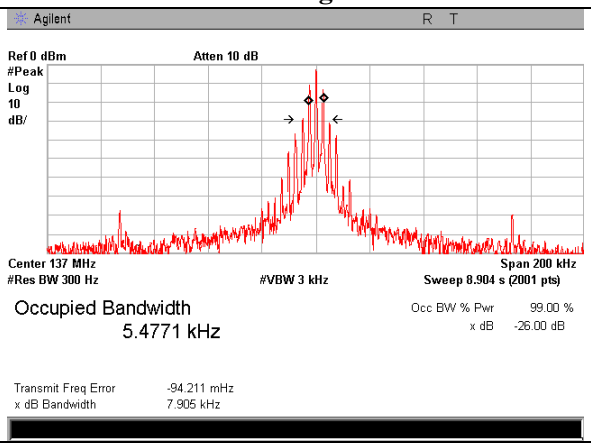
Ch:Low



Ch:Mid



Ch:High



APPENDIX 3: Test Instruments

EMI test equipment (1/2)

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
MPM-10	Dual Power Meter	Hewlett Packard	E4419A (=EPM-442A)	AT	2007/05/31 * 12
MPSE-13	Power Sensor	Hewlett Packard	ECP-E18A (=E4412A)	AT	2007/05/31 * 12
MAT-16	Attenuator(40dB)_DC-1GHz_N	Weinschel Corp	MODEL 1	AT	2008/01/10 * 12
MCC-64	Coaxial Cable	TOYO Technica Corporation	-	AT	2007/03/30 * 12
MSA-03	Spectrum Analyzer	Agilent	E4448A	AT	2007/09/05 * 12
MRENT-49	Audio Analizer	KENWOOD	VA-2230	AT	2007/02/13 * 12
MOS-14	Thermo-Hygrometer	Custom	CTH-180	AT	2008/01/10 * 12
MDPS-13	DC Power Supply	Kikusui	PAK35-10A	AT	Pre Check
EST-19	Digitizing Oscilloscope	Tektronix	TDS420A	AT	2007/05/10 * 12
MDO-04	Digitizing Oscilloscope	Tektronix	TDS410A	AT	2007/05/15 * 12
MAEC-01	Anechoic Chamber	TDK	Semi Anechoic Chamber 10m	RE	2007/11/23 * 12
MTR-01	Test Receiver	Rohde & Schwarz	ESI40	RE	2007/10/19 * 12
MCC-01	Coaxial Cable 0.1-3000MHz	Suhner/storm/Agilent/TSJ	-	RE	2007/12/27 * 12
MPA-04	Pre Amplifier	Agilent	8447D	RE	2007/07/11 * 12
MAT-06	Attenuator(6dB)	Weinschel Corp	2	RE	2007/11/14 * 12
MBA-01	Biconical Antenna	Schwarzbeck	BBA9106	RE	2007/10/21 * 12
MLA-09	Logperiodic Antenna	Schwarzbeck	USLP9143B	RE	2008/01/12 * 12
MTA-14	Terminator	TME	CT-03NP	RE	2007/11/15 * 12
MSTW-14	EMI measurement program	TSJ	TEPTO-DV	RE	-
MJM-01	Measure	KDS	ES19-55	RE	-
MOS-01	Digital Humidity Indicator	N.T	NT-1800	RE	2007/11/12 * 12
MAEC-03	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	RE	2007/03/05 * 12
MSA-09	Spectrum Analyzer	Advantest	R3273	RE	2007/12/21 * 12
MCC-56	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	RE	2007/03/29 * 12
MPA-11	MicroWave System Amplifier	Agilent	83017A	RE	2007/03/02 * 12
MHA-20	Horn Antenna 1-18GHz	Schwarzbeck	BBHA9120D	RE	2007/04/14 * 12
MCC-51	Coaxial cable	UL Japan	-	RE	2007/07/26 * 12
MPA-13	Pre Amplifier	SONOMA INSTRUMENT	310	RE	2007/03/16 * 12
MAT-30	Attenuator(6dB)	TME	UFA-01	RE	2007/03/05 * 12
MBA-03	Biconical Antenna	Schwarzbeck	BBA9106	RE	2008/01/12 * 12
MLA-03	Logperiodic Antenna	Schwarzbeck	USLP9143	RE	2008/01/12 * 12
MTR-02	Test Receiver	Rohde & Schwarz	ESCS30	RE	2007/02/03 * 12
MOS-13	Thermo-Hygrometer	Custom	CTH-180	RE	2008/01/10 * 12
MJM-06	Measure	PROMART	SEN1955	RE	-
MTA-20	Terminator	TME	CT-03NP	RE	2007/11/20 * 12
MOS-04	Digital Humidity Indicator	N.T	NT-1800	AT	2007/11/12 * 12

EMI test equipment (2/2)

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
MSA-06	Spectrum Analyzer	Agilent	E4407B	AT	2007/04/10 * 12
MCC-30	Coaxial cable	UL Japan	-	AT	2007/06/04 * 12
MAT-20	Attenuator(10dB)(above 1GHz)	HIROSE ELECTRIC CO.,LTD.	AT-110	AT	2008/01/09 * 12
MAT-23	Attenuator(10dB) DC-18GHz	Orient Microwave	BX10-0476-00	AT	2007/03/07 * 12
MAT-25	Attenuator(10dB)(above 1GHz)	Agilent	8493C	AT	2007/06/28 * 12
MCC-66	Microwave Cable 1G-40GHz	Schner	SUCOFLEX102	AT	2007/04/03 * 12
MOS-12	Thermo-Hygrometer	Custom	CTH-180	AT	2008/01/10 * 12
MUC-01	Universal Counter	Agilent	53132A	AT	2007/05/23 * 12
MCH-04	Temperature and Humidity Chamber	Espec	PL-2KP	AT	2007/08/30 * 12

The expiration date of the calibration is the end of the expired month.
All equipment is calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

As for some calibrations performed after the tested dates, those test equipment have been controlled by means of an unbroken chains of calibrations.Test Item:

AT. Conducted emission at Antenna Terminals
RE. Radiated emission