



Appendix B. Attachment of Report for additional measurement data

EQUIPMENT: Motorola Shred stereo headset

TRADE NAME : Motorola

MODEL NO. : S805

FCC ID: QVZ58905349

APPLICANT: Motorola Inc.


600 North US Highway 45, Room AN2, Libertyville, Illinois, 60048, U.S.A.

MANUFACTURER: Microlink Communications Inc

8F, No. 31, Hsintai Rd., Chupei City Hsinchu 302, Taiwan, R.O.C.

The hardware in this project is the same with that in project **FR592324**, except an additional adapter with model name PSM5202A was added. Spurious emission below 1 GHz and Conduction emission test results have been modified.

This attachment should be filed together with original test report **FR92324** for reference.



Wayne Hsu / Supervisor
Sporton International Inc.

Sporton International Inc.

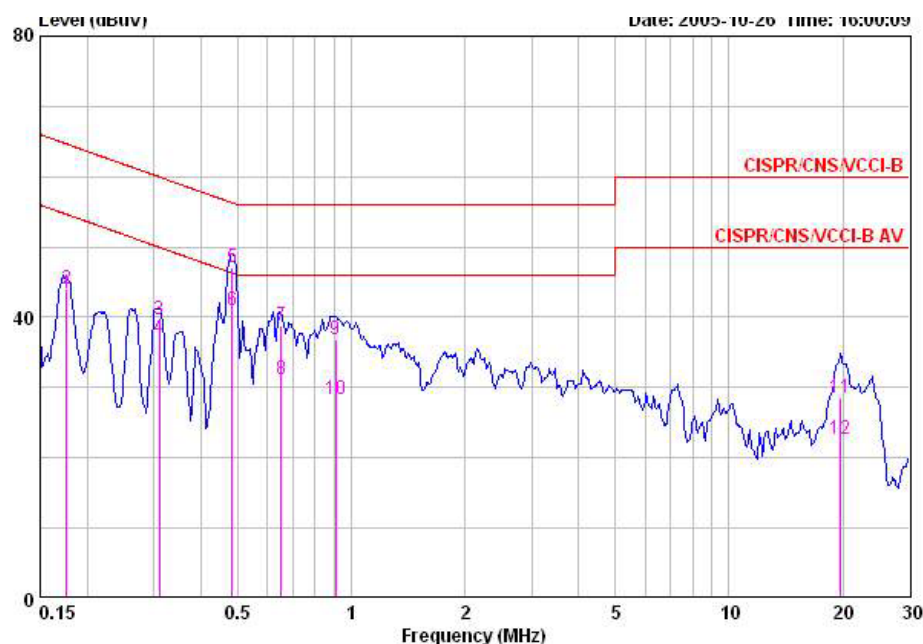
6F, No. 106, Sec. 1, Hsin Tai Wu Rd.,
Hsi Chih, Taipei Hsien, Taiwan, R.O.C.

1. Test Result

1.1. AC Power Line Conducted Emissions Measurement

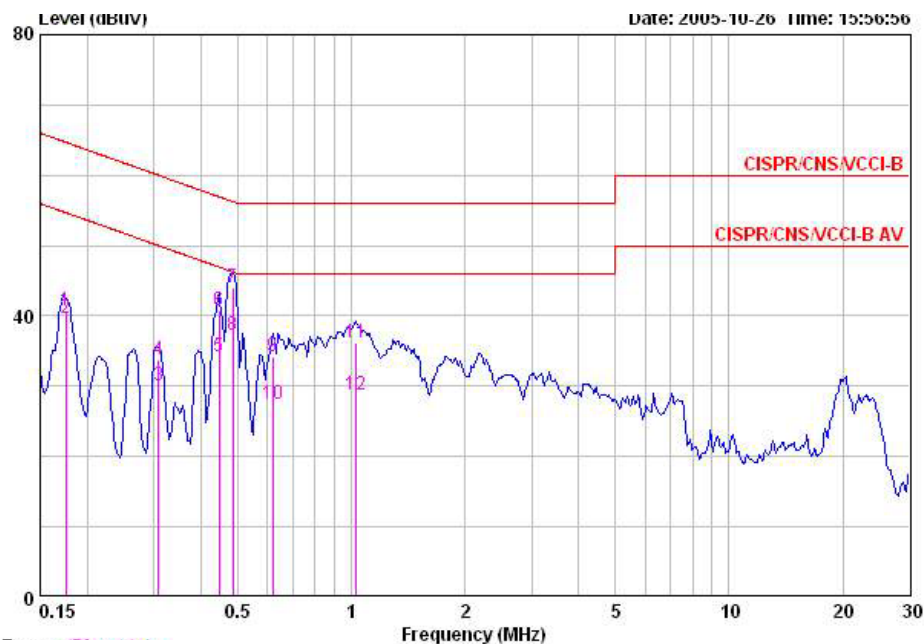
- Temperature: 24°C
- Relative Humidity: 55%
- Test Engineer: Steven Lu

(A) Polarization: Horizontal



	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.17590	43.44	-11.24	54.68	41.46	1.78	0.20	AVERAGE
2	0.17590	43.99	-20.69	64.68	42.01	1.78	0.20	QP
3	0.30998	39.68	-20.29	59.97	38.78	0.70	0.20	QP
4	0.30998	36.96	-13.01	49.97	36.06	0.70	0.20	AVERAGE
5	0.48375	47.03	-9.24	56.27	46.43	0.50	0.10	QP
6 @	0.48375	40.93	-5.34	46.27	40.33	0.50	0.10	AVERAGE
7	0.65084	38.77	-17.23	56.00	38.17	0.40	0.20	QP
8	0.65084	31.22	-14.78	46.00	30.62	0.40	0.20	AVERAGE
9	0.90874	36.89	-19.11	56.00	36.39	0.30	0.20	QP
10	0.90874	28.37	-17.63	46.00	27.87	0.30	0.20	AVERAGE
11	19.740	28.60	-31.40	60.00	27.80	0.30	0.50	QP
12	19.740	22.63	-27.37	50.00	21.83	0.30	0.50	AVERAGE

(B) Polarization: Vertical



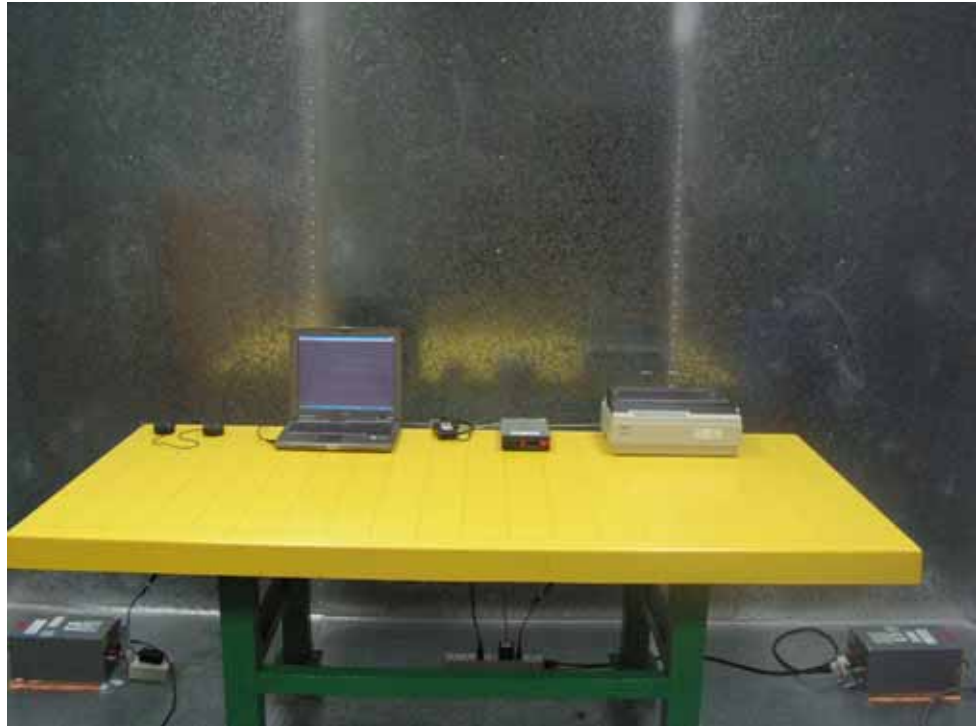
	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.17540	40.67	-24.03	64.70	38.89	1.58	0.20	QP
2	0.17540	39.76	-14.94	54.70	37.98	1.58	0.20	AVERAGE
3	0.30859	30.11	-19.90	50.01	29.31	0.60	0.20	AVERAGE
4	0.30859	33.74	-26.27	60.01	32.94	0.60	0.20	QP
5	0.44679	34.33	-12.60	46.93	33.73	0.40	0.20	AVERAGE
6	0.44679	40.79	-16.14	56.93	40.19	0.40	0.20	QP
7	0.48562	44.01	-12.23	56.24	43.51	0.40	0.10	QP
8	0.48562	37.34	-8.90	46.24	36.84	0.40	0.10	AVERAGE
9	0.62054	34.26	-21.74	56.00	33.76	0.30	0.20	QP
10	0.62054	27.41	-18.59	46.00	26.91	0.30	0.20	AVERAGE
11	1.032	36.24	-19.76	56.00	35.75	0.30	0.19	QP
12	1.032	28.68	-17.32	46.00	28.19	0.30	0.19	AVERAGE

Note:

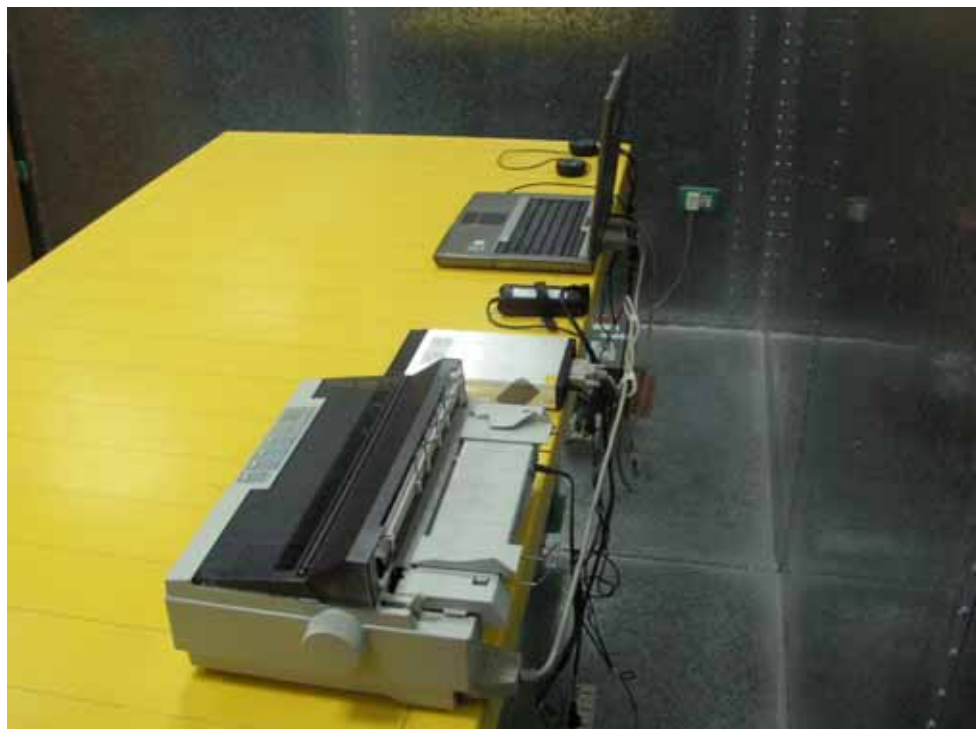
Level = Read Level + LISN Factor + Cable Loss.

1.1.1. Photographs of Conducted Emissions Test Configuration

FRONT VIEW



REAR VIEW



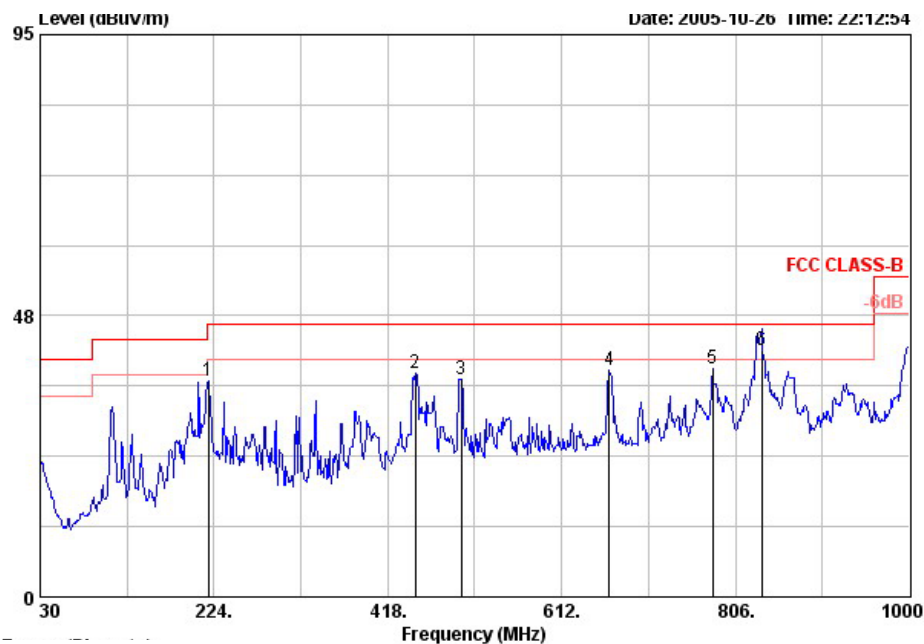


1.2. Test of Spurious Radiated Emission

1.2.1. Test Results in normal operation condition for emission below 1GHz

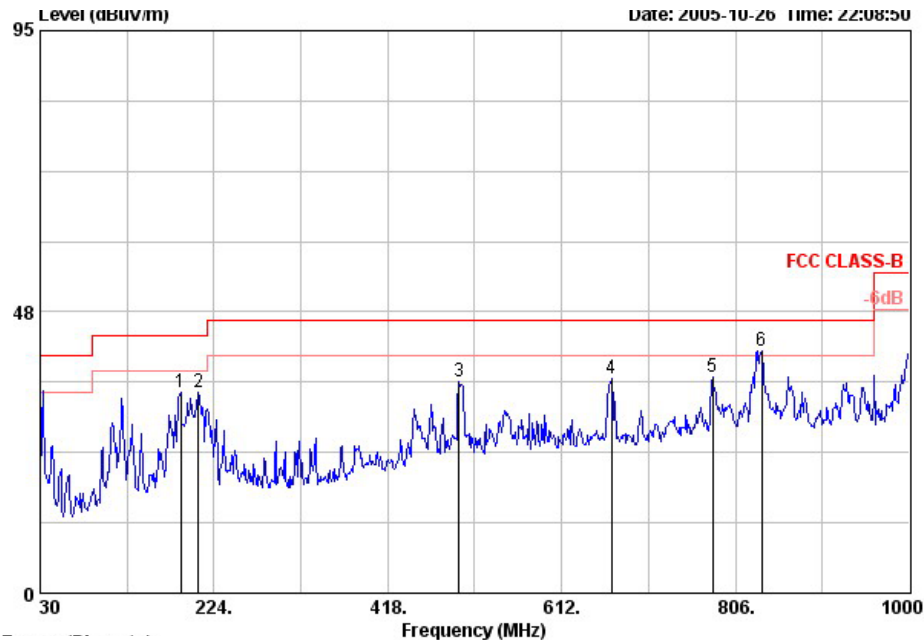
- Temperature: 24°C
- Relative Humidity: 55%
- Test Engineer: Steven Lu

(A) Polarization: Horizontal



	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Remark	Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor		Pos	Pos
			dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	218.180	36.53	-9.47	46.00	57.44	8.40	2.10	31.41	Peak	---	---
2	449.040	37.80	-8.20	46.00	49.42	16.40	2.90	30.92	Peak	---	---
3	500.450	36.83	-9.17	46.00	47.27	17.20	3.30	30.94	Peak	---	---
4	665.350	38.37	-7.63	46.00	46.47	18.73	3.53	30.37	Peak	---	---
5	780.780	38.51	-7.49	46.00	45.09	19.80	3.84	30.21	Peak	---	---
6	835.100	41.77	-4.23	46.00	47.55	20.41	3.94	30.14	QP	---	---

(B) Polarization: Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	187.140	33.93	-9.57	43.50	55.40	8.15	1.95	31.57	Peak	---	---
2	206.540	33.81	-9.69	43.50	54.58	8.63	2.04	31.43	Peak	---	---
3	497.540	35.74	-10.26	46.00	46.25	17.16	3.27	30.94	Peak	---	---
4	667.290	36.15	-9.85	46.00	44.26	18.73	3.53	30.38	Peak	---	---
5	780.780	36.52	-9.48	46.00	43.10	19.80	3.84	30.21	Peak	---	---
6	835.100	40.95	-5.05	46.00	46.73	20.41	3.94	30.14	Peak	---	---

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m)

Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

1.2.2. Photographs of Radiated Emission Test Configuration

FRONT VIEW



REAR VIEW

