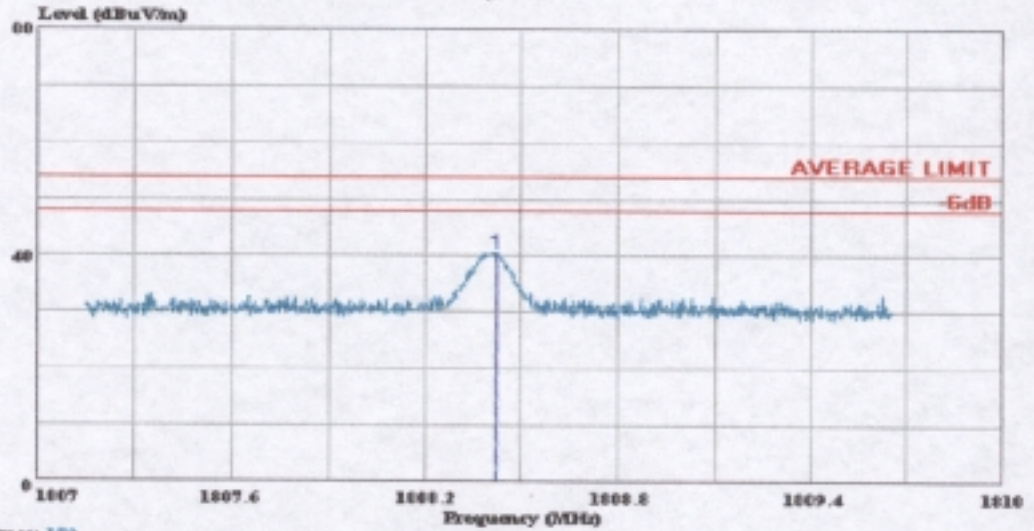




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Data#: 180 File#: 1g-5g.eml Date: 2001-05-30 Time: 20:32:42



Trace: 179

Site : Chamber No.3 (Jason Gong)-Linko Site
 Condition: AVERAGE LIMIT 3m HORN.3(V) VERTICAL
 cut : F004U
 power : AC 115V 60Hz
 memo : Average Value
 : Harmonic
 : RBW:100KHz;VBW:100KHz;Span:2.5MHz
 : Part No. FB004
 : Channel 1 : 904.2*2-1808.4MHz

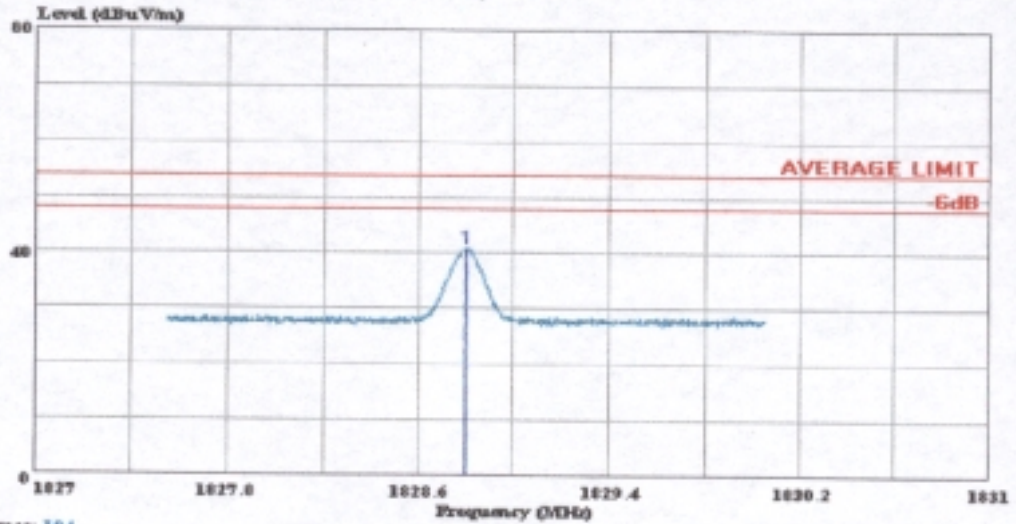
Page: 1

Freq	Level	Over Limit	Limit	Read	Probe	Cable	Preamp
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB
1 1808.422	40.55	-13.45	54.00	29.79	27.69	3.07	20.00



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PEP Testing Laboratory

Data#: 185 File#: 1g-5g.emi Date: 2001-05-30 Time: 20:43:21



Trace: 184
 Site : Chamber No.3(Jason Gong)-Linko Site
 Condition: AVERAGE LIMIT 3m HCRN.3(E) HORIZONTAL
 eut : F004U
 power : AC 115V 60Hz
 memo : Average Value
 : Harmonic
 : RBW:100KHz;VBW:100KHz;Span:2.5MHz
 : Part No. FBC04
 : Channel 1 : 914.4*2=1828.8MHz

Page: 1

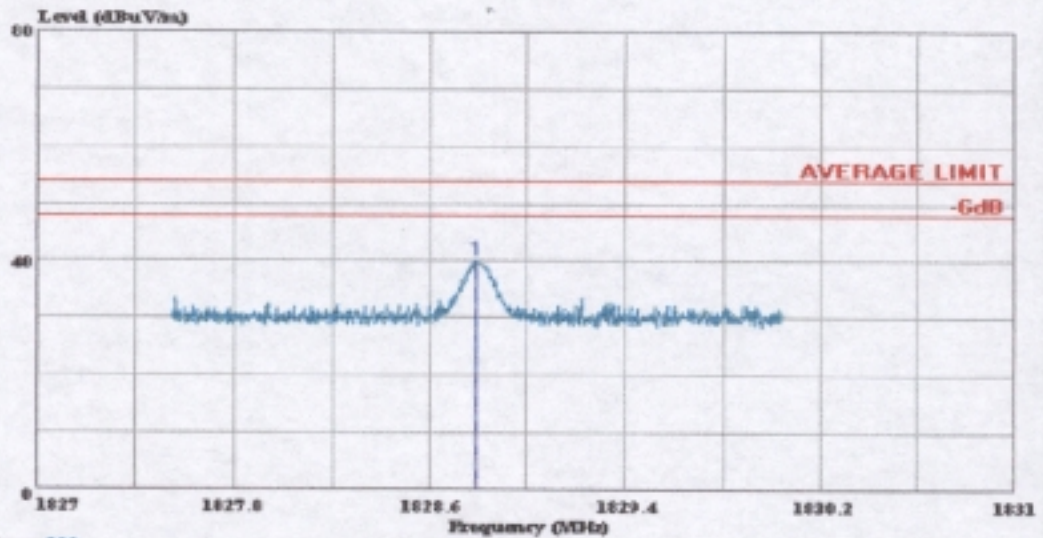
1	Freq	Level	Over	Limit	Read	Probe	Cable	Preamp
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor
			dB	dBuV/m	dBuV	dB	dB	dB
1	1828.800	40.71	-13.29	54.00	29.79	27.77	3.15	20.00



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PEP Testing Laboratory

Data#: 183 File#: 1g-5g.emi Date: 2001-05-30 Time: 20:39:33



Trace: 181
 Site : Chamber No.3(Jason Gong)-Linko Site
 Condition: AVERAGE LIMIT 3m HORN.3(V) VERTICAL
 out : F004U
 power : AC 115V 60Hz
 memo : Average Value
 : Harmonic
 : RBW:100KHz;VBW:100KHz;Span:2.5MHz
 : Part No. FB004
 : Channel 1 : 914.4*2-1828.8MHz

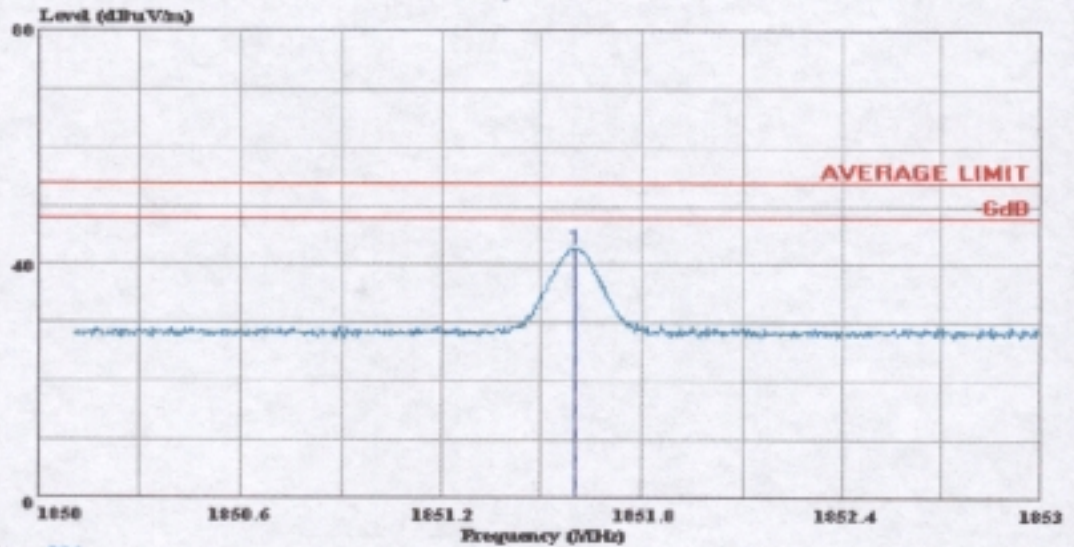
Page: 1

	Over	Limit	Read	Probe	Cable	Preamp
Freq	Level	Limit	Line	Level	Factor	Loss
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB
1 1828.795	40.28	-13.72	54.00	29.36	27.77	3.15 20.00



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Data#: 187 File#: 1g-5g.emi Date: 2001-05-30 Time: 20:48:48



Trace: 186

Site : Chamber No.3(Jason Gong)-Linko Site
 Condition: AVERAGE LIMIT 3m HORN.3(H) HORIZONTAL
 eut : F004U
 power : AC 115V 60Hz
 memo : Average Value
 : Harmonic
 : RBW:100KHz;VBW:100KHz;Span:2.5MHz
 : Part No. FB004
 : Channel 1 : 925.8*2-1851.6MHz

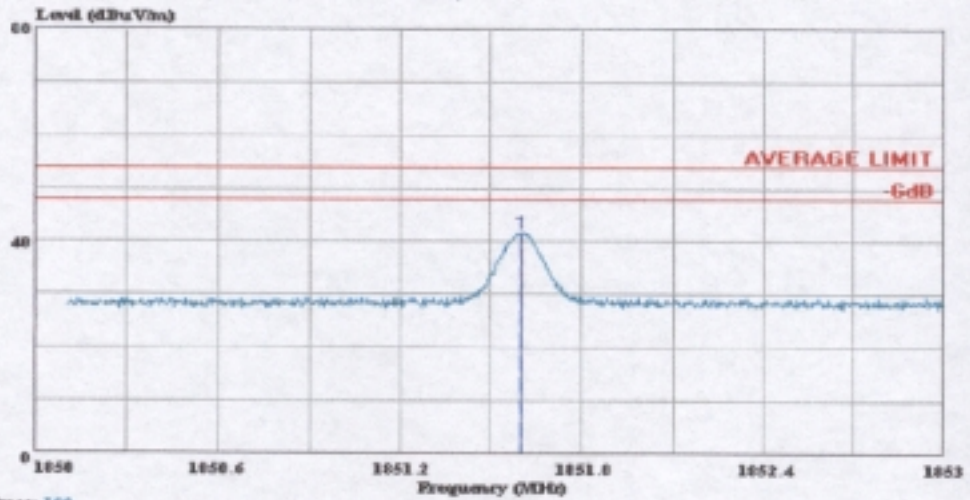
Page: 1

	Over	Limit	Read	Probe	Cable	Preamp		
Freq	Level	Limit	Line	Level	Factor	Factor		
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB		
1	1851.603	42.77	-11.23	54.00	31.68	27.85	3.24	20.00



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PEP Testing Laboratory

Data#: 189 File#: 1g-5g.emi Date: 2001-05-30 Time: 21:02:27



Time: 188

Site : Chamber No.3(Jason Gong)-Linko Site
 Condition: AVERAGE LIMIT 3m HORN.3(V) VERTICAL
 out : F004U
 power : AC 115V 60Hz
 memo : Average Value
 : Harmonic
 : RBW:100KHz;VBW:100KHz;Span:2.5MHz
 : Part No. FB004
 : Channel 1 : 925.8*2=1851.6MHz

Page: 1

	Freq	Level	Over	Limit	Read	Probe	Cable	Preamp
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB
1	1851.600	41.63	-12.37	54.00	30.54	27.85	3.24	20.00

4.4.2 Test result of spurious radiated emissions

FCC ID : FU5F004U

EUT System: FB004 + FE004 + Mobile Phone**RADIATED EMISSIONS TEST DATA**Antenna polarization : HORIZONTAL ; Test distance : 3 m ;

Freq. (MHz)	Level (dB)	Over Limit (dB)	Limit Line (dB)	Read Level (dB)	Probe Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)
105.660	27.92	-38.12	66.04	37.35	10.39	0.18	20.00
307.420	40.66	-25.38	66.04	45.00	14.50	1.16	20.00
345.250	42.91	-23.13	66.04	47.26	14.70	0.95	20.00
364.650	46.58	-19.46	66.04	50.90	14.82	0.86	20.00
384.050	45.38	-20.66	66.04	49.53	15.08	0.77	20.00
481.050	47.17	-18.87	66.04	47.79	17.93	1.45	20.00
498.510	48.41	-17.63	66.04	49.69	17.14	1.58	20.00
518.880	49.07	-16.97	66.04	49.96	17.49	1.62	20.00
528.580	46.71	-19.33	66.04	47.32	17.76	1.63	20.00
538.280	49.25	-16.79	66.04	49.53	18.08	1.64	20.00
547.010	48.43	-17.61	66.04	48.41	18.37	1.65	20.00
547.010	48.43	-17.61	66.04	48.41	18.37	1.65	20.00
566.410	48.09	-17.95	66.04	47.19	19.23	1.67	20.00
576.110	45.95	-20.09	66.04	44.59	19.68	1.68	20.00
585.810	47.03	-19.01	66.04	45.32	20.02	1.69	20.00
604.240	43.92	-22.12	66.04	41.62	20.60	1.70	20.00
624.610	44.29	-21.75	66.04	41.59	21.00	1.70	20.00
662.440	43.82	-22.22	66.04	40.79	21.33	1.70	20.00
700.270	45.00	-21.04	66.04	41.61	21.70	1.69	20.00
719.670	45.22	-20.82	66.04	41.91	21.70	1.61	20.00
740.040	44.30	-21.74	66.04	40.49	22.28	1.53	20.00
777.870	42.44	-23.60	66.04	38.19	22.46	1.79	20.00
923.370	86.04			79.01	24.26	2.77	20.00

Note :

1. Level = Read Level + Probe Factor + Cable Loss – Preamp Factor
2. Over Limit = Level – Limit Line
3. All the other frequencies from 30MHz to 9.3GHz are under the limits more than 20dB

EUT System: FB004 + FE004 + Mobile Phone**RADIATED EMISSIONS TEST DATA****Antenna polarization : VERTICAL ; Test distance : 3 m ;**

Freq. (MHz)	Level (dB)	Over Limit (dB)	Limit Line (dB)	Read Level (dB)	Probe Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)
105.660	24.34	-35.15	59.49	33.77	10.39	0.18	20.00
481.050	39.91	-19.58	59.49	40.53	17.93	1.45	20.00
498.510	39.27	-20.22	59.49	40.55	17.14	1.58	20.00
518.880	40.77	-18.72	59.49	41.66	17.49	1.62	20.00
538.280	39.47	-20.02	59.49	39.75	18.08	1.64	20.00
547.010	39.82	-19.67	59.49	39.80	18.37	1.65	20.00
556.710	39.78	-19.71	59.49	39.35	18.77	1.66	20.00
585.810	40.58	-18.91	59.49	38.87	20.02	1.69	20.00
604.240	40.44	-19.05	59.49	38.14	20.60	1.70	20.00
624.610	40.56	-18.93	59.49	37.86	21.00	1.70	20.00
662.440	39.63	-19.86	59.49	36.60	21.33	1.70	20.00
682.810	39.41	-20.08	59.49	35.75	21.96	1.70	20.00
700.270	39.69	-19.80	59.49	36.30	21.70	1.69	20.00
719.670	39.73	-19.76	59.49	36.42	21.70	1.61	20.00
757.500	38.53	-20.96	59.49	34.40	22.53	1.60	20.00
918.520	79.49			72.66	24.05	2.78	20.00

Note :

1. Level = Read Level + Probe Factor + Cable Loss – Preamp Factor
2. Over Limit = Level – Limit Line
3. All the other frequencies from 30MHz to 9.3GHz are under the limits more than 20dB

EUT System: Charging Mode for FB004**RADIATED EMISSIONS TEST DATA**

Antenna polarization : HORIZONTAL ; Test distance : 3 m ;

Freq. (MHz)	Level (dB)	Over Limit (dB)	Limit Line (dB)	Read Level (dB)	Probe Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)
44.550	28.84	-28.48	57.32	35.60	13.14	0.10	20.00
154.160	32.59	-24.73	57.32	38.24	14.14	0.21	20.00
211.390	35.01	-22.31	57.32	42.64	11.42	0.95	20.00
230.790	41.04	-16.28	57.32	48.18	11.84	1.02	20.00
250.190	40.23	-17.09	57.32	47.83	11.30	1.10	20.00
268.620	37.21	-20.11	57.32	42.80	13.27	1.14	20.00
288.020	34.71	-22.61	57.32	39.27	14.26	1.18	20.00
307.420	40.00	-17.32	57.32	44.34	14.50	1.16	20.00
326.820	40.88	-16.44	57.32	45.13	14.70	1.05	20.00
624.610	34.98	-22.34	57.32	32.28	21.00	1.70	20.00
924.340	77.32			70.25	24.30	2.77	20.00

Note :

1. Level = Read Level + Probe Factor + Cable Loss – Preamp Factor
2. Over Limit = Level – Limit Line
3. All the other frequencies from 30MHz to 9.3GHz are under the limits more than 20dB

EUT System: Charging Mode for FB004**RADIATED EMISSIONS TEST DATA**Antenna polarization : VERTICAL ; Test distance : 3 m ;

Freq. (MHz)	Level (dB)	Over Limit (dB)	Limit Line (dB)	Read Level (dB)	Probe Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)
42.610	35.63	-19.42	55.05	42.31	13.22	0.10	20.00
182.290	32.48	-22.57	55.05	39.54	12.22	0.72	20.00
191.990	32.33	-22.72	55.05	40.13	11.38	0.82	20.00
230.790	36.68	-18.37	55.05	43.82	11.84	1.02	20.00
250.190	32.56	-22.49	55.05	40.16	11.30	1.10	20.00
268.620	34.95	-20.10	55.05	40.54	13.27	1.14	20.00
288.020	36.13	-18.92	55.05	40.69	14.26	1.18	20.00
307.420	35.96	-19.09	55.05	40.30	14.50	1.16	20.00
326.820	35.52	-19.53	55.05	39.77	14.70	1.05	20.00
346.220	30.09	-24.96	55.05	34.44	14.70	0.95	20.00
604.240	32.67	-22.38	55.05	30.37	20.60	1.70	20.00
923.370	75.05			68.02	24.26	2.77	20.00

Note :

1. Level = Read Level + Probe Factor + Cable Loss – Preamp Factor
2. Over Limit = Level – Limit Line
3. All the other frequencies from 30MHz to 9.3GHz are under the limits more than 20dB

4.4.3 Radiate Emission Testing Photo.

FCC ID : FU5F004U

EUT System: FB004 + FE004 + Mobile Phone

< FRONT VIEW >



< REAR VIEW >

