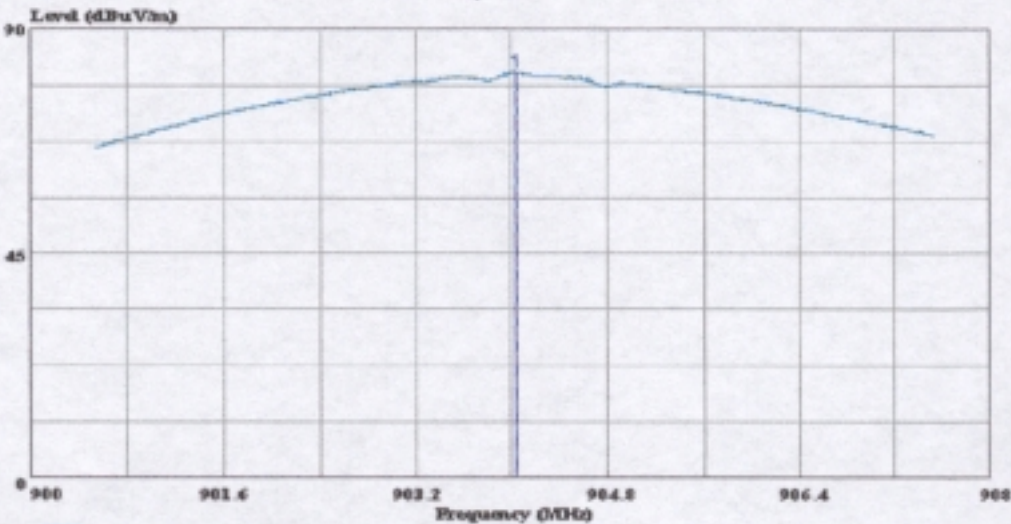




峰鑫科技有限公司
PEP Testing Laboratory

Data#: 2310 File#: E2000.eml Date: 2001-05-29 Time: 17:01:08



Trace: 2349
Site : Chamber No.3(Jason Gong)-Linko Site
Condition: 3m ANT,3M(V) VERTICAL
cut : F004U
power : AC 115V / 60Hz
memo : Peak Value
 : Channel 1: 904.2MHz
 : Part No. FB004
 : Test : E.I.R.P
 : RBW : 3MHz; VBW:3MHz ; Span:5MHz

Page: 1

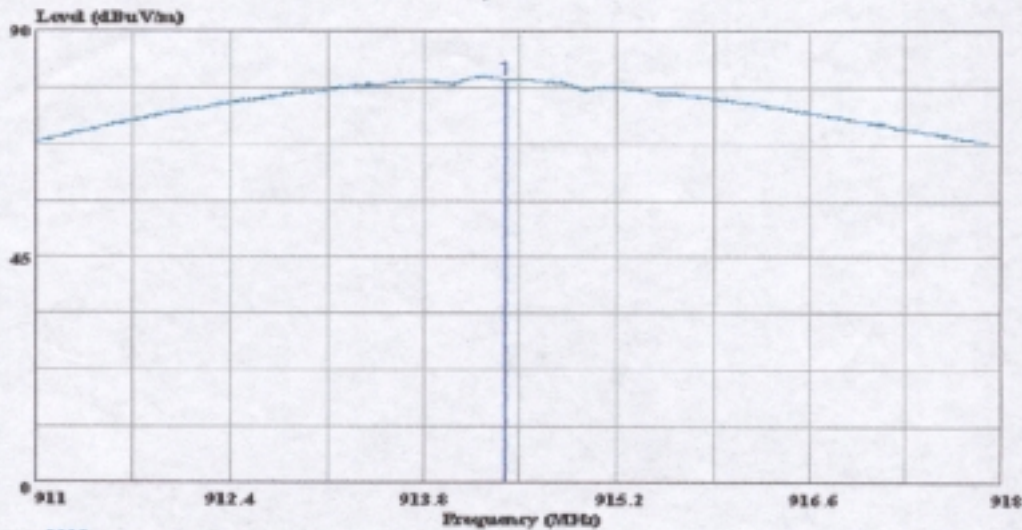
	Freq	Level	Over Limit	Limit	Read Level	Probe Factor	Cable Loss	Preamp Factor
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB
1	904.037	81.22	-----	-----	74.90	23.53	2.79	20.00

Level = 81.22
 $E (v/m) = 10^{(81.22/20)} \times 10^{-6} = 10^{4.1} \times 10^{-6} = 0.013$
 $E.I.R.P = [0.013 \times 3]^2 / 30 = 0.05mw$
E.I.R.P = 0.05mw 且 < 1W 故 pass



峰鑫科技有限公司
PEP Testing Laboratory

Data#: 2306 File#: E2000.emi Date: 2001-05-29 Time: 16:42:22



Trace: 2306
Site : Chamber No.3(Jason Gong)-Linko Site
Condition: 3m ANT.3M(H) HORIZONTAL
cut : F004U
power : AC 115V / 60Hz
memo : Peak Value
: Channel 1: 914.4MHz
: Part No. FB004
: Test : E.I.R.P
: RBW : 3MHz; VBW:3MHz ; Span:5MHz

Page: 1

	Freq	Level	Over	Limit	Read	Probe	Cable	Preamp
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB
1	914.400	80.37	-----	-----	73.66	23.93	2.78	20.00

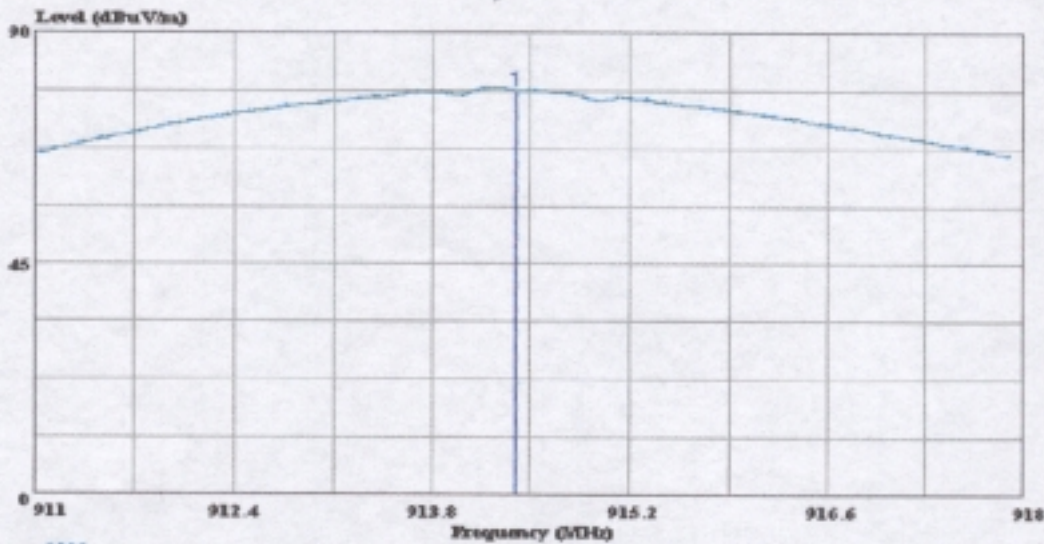
Level = 80.37
 $E(v/m) = 10^{(80.37/20)} \times 10^{-6} = 10^4 \times 10^{-6} = 0.01$
 $E.I.R.P = [0.01 \times 3]^2 / 30 = 0.03mw$
E.I.R.P = 0.03mw 且 < 1W 故 pass



緯鑫科技有限公司
PEP Testing Laboratory

Data#: 2304 File#: E2000.emi

Date: 2001-05-29 Time: 16:30:24



Trace: 2303

Site : Chamber No.3(Jason Gong)-Linko Site
Condition: 3m ANT.3M(V) VERTICAL
eut : F004U
power : AC 115V / 60Hz
memo : Peak Value
: Channel 1: 914.4MHz
: Part No. FB004
: Test : E.I.R.P
: RBW : 3MHz; VBW:3MHz ; Span:5MHz

Page: 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	914.400	78.82	-----	-----	72.11	23.93	2.78	20.00

Level = 78.82

$$E(v/m) = 10^{(78.82/20)} \times 10^{-6} = 10^{3.9} \times 10^{-6} = 0.008$$

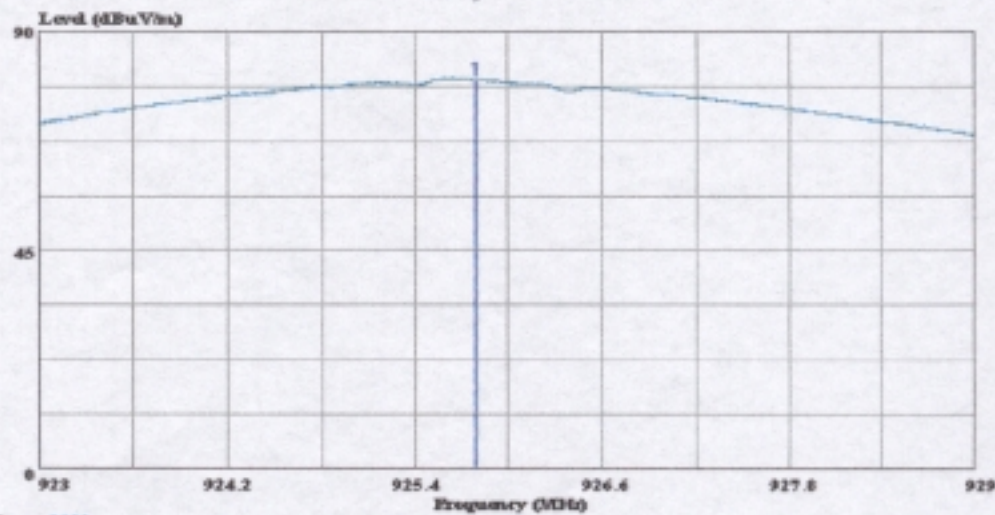
$$E.I.R.P = [0.008 \times 3]^2 / 30 = 0.0192mw$$

E.I.R.P = 0.0192mw 且 < 1W 故 pass



峰鑫科技有限公司
PEP Testing Laboratory

Data#: 2300 File#: E2000.emi Date: 2001-05-29 Time: 16:17:57



Trace: 2299
Site : Chamber No.3 (Jason Gong)-Linko Site
Condition: 3m ANT.3M(H) HORIZONTAL
ant : F004U
power : AC 115V / 60Hz
memo : Peak Value
: Channel 1: 925.8MHz
: Prst No.FB004
: Test : E.I.R.P
: RBW : 3MHz; VBW:3MHz ; Span:5MHz

Page: 1

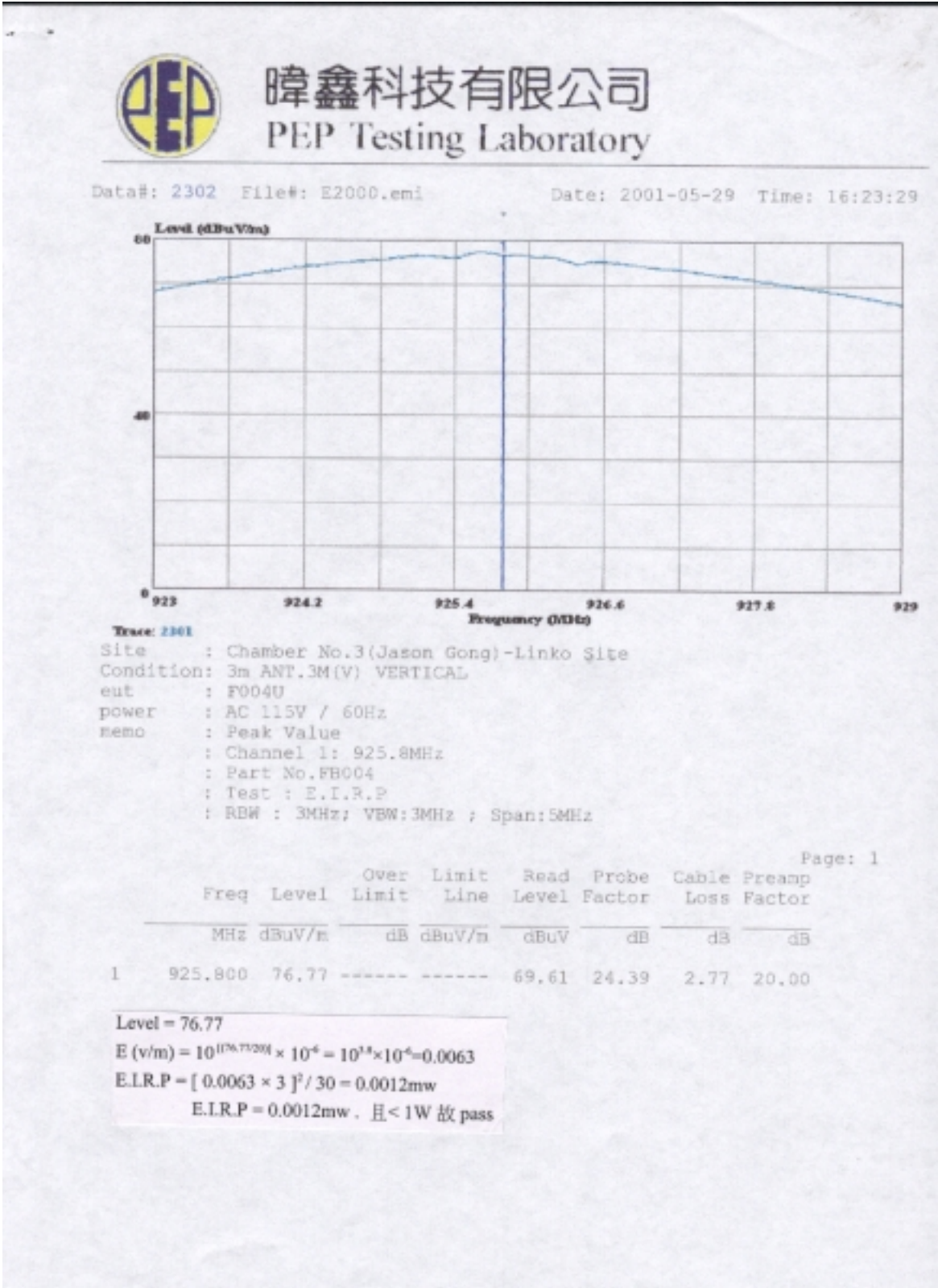
Freq	Level	Over	Limit	Read	Probe	Cable	Preamp
		Limit	Line				
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB
1	925.800	79.97	-----	72.81	24.39	2.77	20.00

Level = 79.97

$$E(v/m) = 10^{(79.97/20)} \times 10^{-6} = 10^4 \times 10^{-6} = 0.01$$

$$E.I.R.P = [0.01 \times 3]^2 / 30 = 0.03mw$$

E.I.R.P = 0.03mw 且 < 1W 故 pass



4.4 Spurious Emissions Test

4.4.1 Test result of second harmonic

FCC ID : FU5F004U

EUT Model No. FB004

RBW = 100KHz , VBW = 100MHz , Span = 2.5MHz

Channel	Antenna Polarity (H/V)	Fundamental Frequency (MHz)	(1) Fundamental Level (dBuV/m)	2 nd Harmonic Frequency (GHz)	(2) 2 nd Harmonic Level (dBuV/m)	(3) Result (1) – (2) (dB)	(4) Limit (dB)
Top	H	904.2	81.66	1.808	42.51	39.15	20
	V		81.22		40.55	40.67	
Middle	H	914.4	80.37	1.828	40.71	39.66	20
	V		78.82		40.28	38.54	
Bottom	H	925.8	79.97	1.851	42.77	37.20	20
	V		76.77		41.63	35.14	

Note : column (3) must at least over 20 dB .

FCC ID : FU5F004U
EUT Model No. FB004

