

DATA OF SUPURIOUS EMISSIONS(1GHz to 26GHz)

A-PEX INTERNATIONAL CO., LTD.
YOKOWA NO.3 OPEN SITE

Company : DENSO WAVE INCORPORATED
Equipment : Micro ISA Wireless LAN Adapter
Model : MI802B3
Sample No. :
FCC ID : PZWMI802B3
Power : DC 3.3V
Mode : Transmitting (ch11: 2462MHz)

Report No. : 22IE0091-YW-1
Regulation : FCC Part15C 247 / 205 & 209
Test Distance : 3m and 1m
Date : 2002/05/19
Temperature : 22deg.C
Humidity : 67%
Reviced Date : 2002/07/02

ENGINEER : Naoki Sakamoto

AV DETECT(S/A : RBW 1MHz and VBW 10Hz)

No.	FREQ [GHz]	S/A READING		ANT Factor [dB]	AMP GAIN [dB]	CABLE LOSS [dB]	H-Pass Filter [dB]	ATTN [dB]	Duty Factor [dB]	D-fac [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR	VER								HOR	VER		HOR	VER
		[dBuV]									[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + (High Pass or ATTN)															
1	2.48350	40.4	39.7	31.6	38.0	3.0	0.0	10.0	-	0.0	47.0	46.3	54.0	7.0	7.7
2	2.49721	42.2	40.7	31.6	38.0	3.0	0.0	10.0	-	0.0	48.8	47.3	54.0	5.2	6.7
3	4.92400	36.8	35.3	35.8	37.9	4.5	1.1	0.0	-	0.0	40.3	38.8	54.0	13.7	15.2
4	7.38600	32.3	32.6	39.2	38.3	5.6	0.5	0.0	-	0.0	39.3	39.6	54.0	14.7	14.4
5	9.84800	34.3	34.2	39.2	38.5	6.7	0.5	0.0	-	0.0	42.2	42.1	54.0	11.8	11.9
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + High Pass - Dfac															
6	12.31000	33.4	33.3	43.3	38.5	7.5	0.5	0.0	-	9.5	36.7	36.6	54.0	17.3	17.4
7	14.77200	32.4	32.6	42.9	38.5	8.3	0.5	0.0	-	9.5	36.1	36.3	54.0	17.9	17.7
8	17.23400	34.6	34.4	38.7	38.5	8.6	0.6	0.0	-	9.5	34.5	34.3	54.0	19.5	19.7
9	19.69600	35.6	34.8	38.0	38.5	10.3	1.5	0.0	-	9.5	37.4	36.6	54.0	16.6	17.4
10	22.15800	35.7	35.5	39.4	38.5	11.3	0.3	0.0	-	9.5	38.7	38.5	54.0	15.3	15.5
11	24.62000	35.6	35.5	39.1	38.6	12.3	0.9	0.0	-	9.5	39.8	39.7	54.0	14.2	14.3

PK DETECT(S/A : RBW 1MHz and VBW 1MHz)

No.	FREQ [GHz]	S/A READING		ANT Factor [dB]	AMP GAIN [dB]	CABLE LOSS [dB]	H-Pass Filter [dB]	ATTN [dB]	Duty Factor [dB]	D-fac [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR	VER								HOR	VER		HOR	VER
		[dBuV]									[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + (High Pass or ATTEN)															
1	2.48350	51.7	50.6	31.6	38.0	3.0	0.0	10.0	-	0.0	58.3	57.2	74.0	15.7	16.8
2	2.49721	49.9	49.6	31.6	38.0	3.0	0.0	10.0	-	0.0	56.5	56.2	74.0	17.5	17.8
3	4.92400	50.2	46.5	35.8	37.9	4.5	1.1	0.0	-	0.0	53.7	50.0	74.0	20.3	24.0
4	7.38600	43.9	44.1	39.2	38.3	5.6	0.5	0.0	-	0.0	50.9	51.1	74.0	23.1	22.9
5	9.84800	45.4	44.8	39.2	38.5	6.7	0.5	0.0	-	0.0	53.3	52.7	74.0	20.7	21.3
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + High Pass - Dfac															
6	12.31000	45.3	45.0	43.3	38.5	7.5	0.5	0.0	-	9.5	48.6	48.3	74.0	25.4	25.7
7	14.77200	44.5	44.2	42.9	38.5	8.3	0.5	0.0	-	9.5	48.2	47.9	74.0	25.8	26.1
8	17.23400	46.3	45.8	38.7	38.5	8.6	0.6	0.0	-	9.5	46.2	45.7	74.0	27.8	28.3
9	19.69600	46.7	46.7	38.0	38.5	10.3	1.5	0.0	-	9.5	48.5	48.5	74.0	25.5	25.5
10	22.15800	48.2	47.3	39.4	38.5	11.3	0.3	0.0	-	9.5	51.2	50.3	74.0	22.8	23.7
11	24.62000	47.2	46.5	39.1	38.6	12.3	0.9	0.0	-	9.5	51.4	50.7	74.0	22.6	23.3

REMARKS

*Test Distance 1.0m : Distance Factor(D-fac) = 20log(3/1) = 9.5dB

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

Page: A11