EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
FREQUENCY RANGE	Below 1000MHz	DETECTOR FUNCTION	Quasi-Peak
ENVIRONMENTAL CONDITIONS	23deg. C, 80%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	50.00	32.12 QP	40.00	-7.88	1.19 V	150	22.85	9.27
2	75.00	36.09 QP	40.00	-3.91	1.19 V	157	28.57	7.52
3	125.11	38.17 QP	43.50	-5.33	1.00 V	90	25.36	12.81
4	131.11	31.19 QP	43.50	-12.31	1.67 V	185	18.69	12.50
5	166.93	35.02 QP	43.50	-8.48	3.59 V	236	24.41	10.61
6	175.25	36.52 QP	43.50	-6.98	1.00 V	39	26.00	10.52
7	199.22	40.24 QP	43.50	-3.26	1.00 V	222	29.49	10.75
8	200.00	33.78 QP	43.50	-9.72	1.50 V	78	23.02	10.76
9	225.06	35.35 QP	46.00	-10.65	1.50 V	354	23.16	12.19
10	233.51	38.12 QP	46.00	-7.88	1.00 V	238	25.45	12.67
11	249.98	37.35 QP	46.00	-8.65	1.69 V	254	23.74	13.61
12	300.00	31.25 QP	46.00	-14.75	1.38 V	289	15.59	15.66
13	324.96	35.15 QP	46.00	-10.85	2.36 V	236	19.12	16.03
14	349.96	35.15 QP	46.00	-10.85	2.49 V	325	18.75	16.40
15	375.04	36.89 QP	46.00	-9.11	2.84 V	207	19.57	17.32
16	432.01	39.40 QP	46.00	-6.60	1.39 V	166	20.76	18.64
17	476.78	38.11 QP	46.00	-7.89	1.00 V	0	18.57	19.54
18	501.30	33.66 QP	46.00	-12.34	1.00 V	172	13.51	20.15
19	524.98	31.52 QP	46.00	-14.48	1.22 V	5	11.04	20.48
20	554.48	37.89 QP	46.00	-8.11	1.00 V	152	16.92	20.97
21	576.93	38.08 QP	46.00	-7.92	2.55 V	130	16.46	21.62
22	601.71	38.39 QP	46.00	-7.61	2.02 V	278	16.10	22.29
23	950.14	36.75 QP	46.00	-9.25	1.00 V	185	11.94	24.81

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Normal Mode	CHANNEL	1
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	30deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Jun Wu		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	#5150.00	49.48 PK	74.00	-24.52	1.46 H	185	13.05	36.43
2	*5180.00	99.91 PK			1.46 H	185	63.45	36.46
2	*5180.00	90.76 AV			1.46 H	185	54.30	36.46
3	10360.00	57.24 PK	69.77	-12.53	1.13 H	208	11.90	45.33
3	10360.00	46.16 AV	69.77	-23.61	1.13 H	208	0.82	45.33
4	#15540.00	60.74 PK	74.00	-13.26	1.88 H	208	15.40	45.33
4	#15540.00	47.41 AV	54.00	-6.59	1.88 H	208	2.07	45.33

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	#5150.00	52.15 PK	74.00	-21.85	2.12 V	75	15.72	36.43
1	#5150.00	43.09 AV	54.00	-10.91	2.12 V	75	6.66	36.43
2	*5180.00	102.58 PK			2.12 V	75	66.12	36.46
2	*5180.00	93.52 AV			2.12 V	75	57.06	36.46
3	10360.00	61.81 PK	69.77	-7.96	1.62 V	213	16.47	45.33
3	10360.00	49.62 AV	69.77	-20.15	1.62 V	213	4.28	45.33
4	#15540.00	66.15 PK	74.00	-7.85	1.10 V	213	18.46	47.69
4	#15540.00	52.75 AV	54.00	-1.25	1.10 V	213	5.06	47.69

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency
6. “#”The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Normal Mode	CHANNEL	4
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	30deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Jun Wu		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	#4380.00	44.16 PK	74.00	-29.84	1.43 H	285	10.12	34.04
2	*5240.00	100.73 PK			1.00 H	270	64.23	36.50
2	*5240.00	91.98 AV			1.00 H	270	55.48	36.50
3	10480.00	61.08 PK	69.77	-8.69	1.37 H	225	15.67	45.41
3	10480.00	43.24 AV	69.77	-26.53	1.37 H	225	-2.17	45.41

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5240.00	101.26 PK			1.00 V	248	64.76	36.50
1	*5240.00	92.66 AV			1.00 V	248	56.16	36.50
2	10480.00	58.42 PK	69.77	-11.35	1.24 V	325	13.01	45.41
2	10480.00	43.11 AV	69.77	-26.66	1.24 V	325	-2.30	45.41

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency
6. “#”The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	**MODEL**	WMIA-105AG
MODE	Normal Mode	**CHANNEL**	5
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	30deg. C, 60%RH, 991hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Jun Wu		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5260.00	99.68 PK			1.07 H	86	63.16	36.52
1	*5260.00	89.60 AV			1.07 H	86	53.08	36.52
2	#15779.00	59.07 PK	74.00	-14.93	1.55 H	241	12.40	46.66
2	#15779.00	44.84 AV	54.00	-9.16	1.55 H	241	-1.83	46.66

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5260.00	101.79 PK			1.02 V	250	65.27	36.52
1	*5260.00	92.29 AV			1.02 V	250	55.77	36.52
2	#15779.00	61.29 PK	74.00	-12.71	1.43 V	275	14.62	46.66
2	#15779.00	46.04 AV	54.00	-7.96	1.43 V	275	-0.63	46.66

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Normal Mode	CHANNEL	8
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	30deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Jun Wu		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)
1	*5320.00	98.72 PK			1.00 H	270	62.19	36.53
1	*5320.00	88.87 AV			1.00 H	270	52.34	36.53
2	#5350.00	48.61 PK	74.00	-25.39	1.00 H	270	12.11	36.50
3	#10640.00	57.27 PK	74.00	-16.73	1.22 H	220	11.90	45.37
3	#10640.00	43.18 AV	54.00	-10.82	1.22 H	220	-2.19	45.37
4	#15960.00	58.76 PK	74.00	-15.24	1.32 H	196	12.51	46.25
4	#15960.00	44.50 AV	54.00	-9.50	1.32 H	196	-1.75	46.25

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)
1	*5320.00	101.71 PK			1.36 V	176	65.18	36.53
1	*5320.00	93.39 AV			1.36 V	176	56.86	36.53
2	#5350.00	49.70 PK	74.00	-24.30	1.36 V	176	13.20	36.50
3	#10640.00	59.85 PK	74.00	-14.15	1.58 V	287	14.48	45.37
3	#10640.00	46.49 AV	54.00	-7.51	1.58 V	287	1.12	45.37
4	#15962.00	63.33 PK	74.00	-10.67	1.30 V	236	17.08	46.25
4	#15962.00	49.75 AV	54.00	-4.25	1.30 V	236	3.50	46.25

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Normal Mode	CHANNEL	9
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	30deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Jun Wu		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5725.00	68.11 PK	78.84	-10.73	1.36 H	282	30.99	37.12
1	5725.00	59.81 AV	69.64	-9.83	1.36 H	282	22.69	37.12
2	*5745.00	98.84 PK			1.36 H	282	61.64	37.20
2	*5745.00	89.64 AV			1.36 H	282	52.44	37.20
3	#11490.00	57.01 PK	74.00	-16.99	1.01 H	209	11.25	45.76
3	#11490.00	43.63 AV	54.00	-10.37	1.01 H	209	-2.13	45.76
4	17235.00	65.06 PK	78.84	-13.78	1.32 H	257	14.28	50.78
4	17235.00	52.13 AV	69.64	-17.51	1.32 H	257	1.35	50.78

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5725.00	70.00 PK	81.02	-11.02	1.07 V	251	32.88	37.12
1	5725.00	61.22 AV	70.75	-9.53	1.07 V	251	24.10	37.12
2	*5745.00	101.02 PK			1.07 V	251	63.82	37.20
2	*5745.00	90.75 AV			1.07 V	251	53.55	37.20
3	#11490.00	59.23 PK	74.00	-14.77	1.11 V	288	13.47	45.76
3	#11490.00	44.99 AV	54.00	-9.01	1.11 V	288	-0.77	45.76
4	17235.00	67.01 PK	81.02	-14.01	1.25 V	160	16.23	50.78
4	17235.00	53.72 AV	70.75	-17.03	1.25 V	160	2.94	50.78

NOTE:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB).
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Normal Mode	CHANNEL	11
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	30deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Jun Wu		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	100.32 PK			1.93 H	283	62.95	37.37
1	*5785.00	90.07 AV			1.93 H	283	52.70	37.37
2	#11570.00	58.06 PK	74.00	-15.94	1.40 H	271	12.47	45.59
2	#11570.00	44.15 AV	54.00	-9.85	1.40 H	271	-1.44	45.59
3	17355.00	65.87 PK	80.32	-14.45	1.23 H	266	14.08	51.78
3	17355.00	53.12 AV	70.07	-16.95	1.23 H	266	1.33	51.78

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	101.91 PK			1.96 V	262	64.54	37.37
1	*5785.00	92.28 AV			1.96 V	262	54.91	37.37
2	#11570.00	58.39 PK	74.00	-15.61	1.51 V	230	12.80	45.59
2	#11570.00	45.80 AV	54.00	-8.20	1.51 V	230	0.21	45.59
3	17355.00	64.78 PK	81.91	-17.13	1.07 V	265	12.99	51.78
3	17355.00	52.66 AV	72.28	-19.62	1.07 V	265	0.87	51.78

NOTE:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB).
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Normal Mode	CHANNEL	13
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	30deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Jun Wu		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	97.99 PK			1.92 H	285	60.54	37.45
1	*5825.00	89.01 AV			1.92 H	285	51.56	37.45
2	5850.00	67.28 PK	77.99	-10.71	1.92 H	285	29.81	37.47
3	#11650.00	55.85 PK	74.00	-18.15	1.67 H	272	10.36	45.49
3	#11650.00	42.49 AV	54.00	-11.51	1.67 H	272	-3.00	45.49
4	17475.00	66.56 PK	77.99	-11.43	1.13 H	263	13.67	52.89
4	17475.00	53.23 AV	69.01	-16.78	1.13 H	263	0.34	52.89

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	101.08 PK			1.89 V	262	63.63	37.45
1	*5825.00	92.07 AV			1.89 V	262	54.62	37.45
2	5850.00	68.08 PK	81.08	-13.00	1.89 V	262	30.61	37.47
3	#11650.00	57.71 PK	74.00	-16.29	1.51 V	224	12.22	45.49
3	#11650.00	44.34 AV	54.00	-9.66	1.51 V	224	-1.15	45.49
4	17475.00	67.05 PK	81.08	-14.03	1.00 V	249	14.16	52.89
4	17475.00	51.92 AV	72.07	-20.15	1.00 V	249	-0.97	52.89

NOTE:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB).
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Turbo Mode	CHANNEL	1
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	30deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Jun Wu		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	#5150.00	50.16 PK	74.00	-23.84	1.50 H	75	13.73	36.43
1	#5150.00	39.39 AV	54.00	-14.61	1.50 H	78	2.96	36.43
2	*5210.00	96.25 PK			1.50 H	75	59.77	36.48
2	*5210.00	85.48 AV			1.50 H	75	49.00	36.48
3	10420.00	55.68 PK	69.77	-14.09	1.57 H	353	10.24	45.44
4	#15630.00	61.13 PK	74.00	-12.87	1.09 H	263	13.68	47.45
4	#15630.00	48.83 AV	54.00	-5.17	1.09 H	263	1.38	47.45

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	5150.00	52.04 PK	74.00	-21.96	1.00 V	249	15.61	36.43
1	5150.00	40.39 AV	54.00	-13.61	1.00 V	249	3.96	36.43
2	*5210.00	98.13 PK			1.00 V	249	61.65	36.48
2	*5210.00	86.48 AV			1.00 V	249	50.00	36.48
3	10420.00	58.38 PK	69.77	-11.39	1.94 V	245	12.94	45.44
4	#15634.00	61.99 PK	74.00	-12.01	1.31 V	264	14.55	47.44
4	#15634.00	49.35 AV	54.00	-4.65	1.31 V	264	1.91	47.44

NOTE:

1. Emission level = Raw value+ Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	**MODEL**	WMIA-105AG
MODE	Turbo Mode	**CHANNEL**	2
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	30deg. C, 60%RH, 991hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Jun Wu		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5250.00	96.62 PK			1.04 H	77	60.11	36.51
1	*5250.00	84.40 AV			1.04 H	77	47.89	36.51
2	10500.00	60.21 PK	69.77	-9.56	1.15 H	201	14.81	45.40

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5250.00	96.90 PK			1.00 V	248	60.39	36.51
1	*5250.00	85.19 AV			1.00 V	248	48.68	36.51
2	10500.00	60.91 PK	69.77	-8.86	1.22 V	214	15.52	45.40

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “#”The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Turbo Mode	CHANNEL	3
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	30deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Jun Wu		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5290.00	97.20 PK			1.03 H	78	60.66	36.54
1	*5290.00	85.16 AV			1.03 H	78	48.62	36.54
2	#5350.00	46.14 PK	74.00	-27.86	1.03 H	78	9.64	36.50
3	10580.00	54.15 PK	69.77	-15.62	1.37 H	208	8.77	45.38

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5290.00	96.96 PK			1.50 V	203	60.42	36.54
1	*5290.00	85.72 AV			1.50 V	203	49.18	36.54
2	#5350.00	45.90 PK	74.00	-28.10	1.50 V	203	9.40	36.50
3	10580.00	54.96 PK	69.77	-14.81	1.09 V	228	9.58	45.38

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	**MODEL**	WMIA-105AG
MODE	Turbo Mode	**CHANNEL**	4
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	30deg. C, 60%RH, 991hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Jun Wu		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	5725.00	73.92 PK	75.86	-1.94	2.07 H	291	36.80	37.12
2	*5760.00	95.86 PK			2.07 H	291	58.59	37.27
2	*5760.00	86.97 AV			2.07 H	291	49.70	37.27
3	#11520.00	60.97 PK	74.00	-13.03	1.29 H	251	15.27	45.70
3	#11520.00	46.16 AV	54.00	-7.84	1.29 H	251	0.46	45.70
4	17280.00	64.70 PK	75.86	-11.16	1.23 H	175	13.58	51.12
4	17280.00	51.30 AV	66.97	-15.67	1.23 H	175	0.18	51.12

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	5725.00	74.23 PK	78.01	-3.78	1.00 V	275	37.11	37.12
2	*5760.00	98.01 PK			1.00 V	275	60.74	37.27
2	*5760.00	90.55 AV			1.00 V	275	53.28	37.27
3	#11520.00	63.62 PK	74.00	-10.38	1.00 V	236	17.92	45.70
3	#11520.00	50.83 AV	54.00	-3.17	1.00 V	236	5.13	45.70
4	17280.00	66.16 PK	78.01	-11.85	1.36 V	268	15.04	51.12
4	17280.00	52.92 AV	70.55	-17.63	1.36 V	268	1.80	51.12

NOTE:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB).
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.

. 6."#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Turbo Mode	CHANNEL	5
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	30deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Jun Wu		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5800.00	95.61 PK			1.00 H	292	58.18	37.43
1	*5800.00	86.99 AV			1.00 H	292	49.56	37.43
3	#11600.00	57.47 PK	74.00	-16.53	1.79 H	306	11.95	45.52
3	#11600.00	44.24 AV	54.00	-9.76	1.79 H	306	-1.28	45.52
4	17400.00	65.31 PK	75.61	-10.30	1.74 H	280	13.11	52.20
4	17400.00	51.51 AV	66.99	-15.48	1.74 H	280	-0.69	52.20

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5800.00	100.92 PK			1.00 V	276	63.49	37.43
1	*5800.00	92.26 AV			1.00 V	276	54.83	37.43
2	**5825.00**	**80.25 PK**	**80.92**	**-0.67**	**1.00 V**	**276**	**42.80**	**37.45**
3	#11600.00	61.60 PK	74.00	-12.40	1.18 V	235	16.08	45.52
3	#11600.00	47.63 AV	54.00	-6.37	1.18 V	235	2.11	45.52
4	17400.00	66.28 PK	80.92	-14.64	1.21 V	262	14.08	52.20
4	17400.00	53.12 AV	72.26	-19.14	1.21 V	262	0.92	52.20

NOTE:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB).
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.
6. "#"The radiated frequency falling in the restricted band.

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5.2.9 TEST RESULTS (MODE 2)

EUT	Wireless 11a+g mini-PCI	**MODEL**	WMIA-105AG
FREQUENCY RANGE	Below 1000MHz	**DETECTOR FUNCTION**	Quasi-Peak
ENVIRONMENTAL CONDITIONS	25deg. C, 60%RH, 991hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Jamison Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	99.98	41.29 QP	43.50	-2.21	2.50 H	1	31.00	10.29
2	133.30	41.10 QP	43.50	-2.40	1.34 H	62	27.82	13.28
3	166.07	39.64 QP	43.50	-3.86	1.50 H	16	25.90	13.74
4	292.42	39.08 QP	46.00	-6.92	1.00 H	346	24.17	14.92
5	323.53	34.93 QP	46.00	-11.07	1.00 H	190	19.21	15.72
6	401.28	37.49 QP	46.00	-8.51	1.00 H	142	19.74	17.75

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	35.83	30.90 QP	40.00	-9.10	1.25 V	337	17.23	13.66
2	99.98	33.68 QP	43.50	-9.82	4.00 V	280	23.40	10.29
3	133.03	35.22 QP	43.50	-8.28	2.50 V	298	21.96	13.26
4	166.07	29.65 QP	43.50	-13.85	1.75 V	112	15.91	13.74
5	401.28	30.08 QP	46.00	-15.92	1.00 V	7	12.32	17.75
6	902.81	29.21 QP	46.00	-16.79	1.00 V	85	2.03	27.17

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Normal Mode	CHANNEL	1
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	#5150.00	51.79 PK	74.00	-22.21	1.00 H	136	15.36	36.43
1	#5150.00	40.66 AV	54.00	-13.34	1.00 H	136	4.23	36.43
2	*5180.00	100.44 PK			1.00 H	136	63.98	36.46
2	*5180.00	89.31 AV			1.00 H	136	52.85	36.46
3	10360.00	48.24 PK	69.62	-21.38	1.18 H	245	2.91	45.33

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	#5150.00	56.44 PK	74.00	-17.56	1.00 V	120	20.01	36.43
1	#5150.00	45.23 AV	54.00	-8.77	1.00 V	120	8.80	36.43
2	*5180.00	105.09 PK			1.00 V	120	68.63	36.46
2	*5180.00	93.88 AV			1.00 V	120	57.42	36.46
3	10360.00	49.36 PK	69.62	-20.26	1.20 V	119	4.03	45.33

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency
6. “#”The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	**MODEL**	WMIA-105AG
MODE	Normal Mode	**CHANNEL**	4
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5240.00	100.35 PK			1.16 H	121	63.85	36.50
1	*5240.00	89.16 AV			1.16 H	121	52.66	36.50
2	10480.00	49.66 PK	69.62	-19.96	1.61 H	267	4.25	45.41
3	#15720.00	50.23 PK	74.00	-23.77	1.77 H	86	3.12	47.11

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5240.00	103.89 PK			1.00 V	120	67.39	36.50
1	*5240.00	92.71 AV			1.00 V	120	56.21	36.50
2	10480.00	52.11 PK	69.62	-17.51	1.33 V	287	6.70	45.41
3	#15720.00	53.22 PK	74.00	-20.78	1.22 V	268	6.11	47.11
3	#15720.00	43.51 AV	54.00	-10.49	1.22 V	268	-3.60	47.11

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency
6. “#”The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Normal Mode	CHANNEL	5
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5260.00	100.54 PK			1.00 H	122	64.02	36.52
1	*5260.00	89.70 AV			1.00 H	122	53.18	36.52
2	10520.00	53.62 PK	69.62	-16.00	1.77 H	278	8.22	45.40
3	#15785.00	56.32 PK	74.00	-17.68	1.54 H	266	9.70	46.62
3	#15785.00	42.11 AV	54.00	-11.89	1.54 H	266	-4.51	46.62

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5260.00	104.09 PK			1.12 V	121	67.57	36.52
1	*5260.00	93.35 AV			1.12 V	121	56.83	36.52
2	10520.00	56.12 PK	69.62	-13.50	1.00 V	79	10.72	45.40
3	#15785.00	53.60 PK	74.00	-20.40	1.07 V	262	6.98	46.62
3	#15785.00	44.11 AV	54.00	-9.89	1.07 V	262	-2.51	46.62

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Normal Mode	CHANNEL	8
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)
1	*5320.00	100.85 PK			1.00 H	118	64.32	36.53
1	*5320.00	89.75 AV			1.00 H	118	53.22	36.53
2	#5350.00	50.97 PK	74.00	-23.03	1.00 H	118	14.47	36.50
3	#10640.00	54.80 PK	74.00	-19.20	2.08 H	271	9.43	45.37
3	#10640.00	40.62 AV	54.00	-13.38	2.08 H	271	-4.75	45.37
4	#15960.00	57.39 PK	74.00	-16.61	1.41 H	167	11.13	46.25
4	#15960.00	43.33 AV	54.00	-10.67	1.41 H	167	-2.93	46.25

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)
1	*5320.00	104.18 PK			1.86 V	85	67.65	36.53
1	*5320.00	92.76 AV			1.86 V	85	56.23	36.53
2	#5350.00	54.30 PK	74.00	-19.70	1.86 V	85	17.80	36.50
2	#5350.00	42.88 AV	54.00	-11.12	1.86 V	85	6.38	36.50
3	#10640.00	55.01 PK	74.00	-18.99	1.36 V	257	9.64	45.37
3	#10640.00	41.46 AV	54.00	-12.54	1.36 V	257	-3.91	45.37
4	#15960.00	57.77 PK	74.00	-16.23	1.00 V	181	11.51	46.25
4	#15960.00	44.36 AV	54.00	-9.64	1.00 V	181	-1.90	46.25

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	**MODEL**	WMIA-105AG
MODE	Normal Mode	**CHANNEL**	9
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5725.00	79.01 PK	81.67	-2.66	1.07 H	147	41.89	37.12
1	5725.00	63.52 AV	70.35	-6.83	1.07 H	147	26.40	37.12
2	*5745.00	101.67 PK			1.07 H	147	64.47	37.20
2	*5745.00	90.35 AV			1.07 H	147	53.15	37.20
3	#11490.00	56.54 PK	74.00	-17.46	1.24 H	218	10.78	45.76
3	#11490.00	42.23 AV	54.00	-11.77	1.24 H	218	-3.53	45.76
4	17235.00	66.86 PK	81.67	-14.81	1.24 H	272	16.08	50.78
4	17235.00	52.95 AV	70.35	-17.40	1.24 H	272	2.17	50.78

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5725.00	77.75 PK	85.46	-7.71	1.48 V	122	40.63	37.12
1	5725.00	64.41 AV	74.47	-10.06	1.48 V	122	27.29	37.12
2	*5745.00	105.46 PK			1.48 V	122	68.26	37.20
2	*5745.00	94.47 AV			1.48 V	122	57.27	37.20
3	#11490.00	59.35 PK	74.00	-14.65	1.81 V	80	13.59	45.76
3	#11490.00	44.00 AV	54.00	-10.00	1.81 V	80	-1.76	45.76
4	17235.00	69.53 PK	85.46	-15.93	1.19 V	267	18.75	50.78
4	17235.00	54.79 AV	74.47	-19.68	1.19 V	267	4.01	50.78

NOTE:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB).
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	**MODEL**	WMIA-105AG
MODE	Normal Mode	**CHANNEL**	11
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	99.98 PK			1.29 H	137	62.61	37.37
1	*5785.00	89.08 AV			1.29 H	137	51.71	37.37
2	#11570.00	55.24 PK	74.00	-18.76	1.00 H	217	9.65	45.59
2	#11570.00	41.25 AV	54.00	-12.75	1.00 H	217	-4.34	45.59
3	17355.00	65.87 PK	79.98	-14.11	1.90 H	305	14.08	51.78
3	17355.00	52.20 AV	69.08	-16.88	1.90 H	305	0.41	51.78

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	102.55 PK			1.00 V	114	65.18	37.37
1	*5785.00	91.88 AV			1.00 V	114	54.51	37.37
2	#11570.00	57.22 PK	74.00	-16.78	1.47 V	29	11.63	45.59
2	#11570.00	43.37 AV	54.00	-10.63	1.47 V	29	-2.22	45.59
3	17355.00	69.31 PK	82.55	-13.24	1.25 V	262	17.52	51.78
3	17355.00	54.75 AV	71.88	-17.13	1.25 V	262	2.96	51.78

NOTE:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB).
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	**MODEL**	WMIA-105AG
MODE	Normal Mode	**CHANNEL**	13
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	100.48 PK			1.23 H	165	63.03	37.45
1	*5825.00	89.72 AV			1.23 H	165	52.27	37.45
2	5850.00	66.14 PK	80.48	-14.34	1.23 H	165	28.67	37.47
2	5850.00	53.65 AV	69.72	-16.07	1.23 H	165	16.18	37.47
3	#11650.00	56.86 PK	74.00	-17.14	1.30 H	210	11.37	45.49
3	#11650.00	42.90 AV	54.00	-11.10	1.30 H	210	-2.59	45.49
4	17475.00	66.78 PK	80.48	-13.70	1.86 H	242	13.89	52.89
4	17475.00	52.50 AV	69.72	-17.22	1.86 H	242	-0.39	52.89

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	103.39 PK			1.00 V	120	65.94	37.45
1	*5825.00	91.77 AV			1.00 V	120	54.32	37.45
2	5850.00	70.04 PK	83.39	-13.35	1.00 V	120	32.57	37.47
2	5850.00	54.04 AV	71.77	-17.73	1.00 V	120	16.57	37.47
3	#11650.00	56.87 PK	74.00	-17.13	1.58 V	201	11.38	45.49
3	#11650.00	43.52 AV	54.00	-10.48	1.58 V	201	-1.97	45.49
4	17475.00	71.23 PK	83.39	-12.16	1.16 V	265	18.34	52.89
4	17475.00	56.66 AV	71.77	-15.11	1.16 V	265	3.77	52.89

NOTE:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB).
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Turbo Mode	CHANNEL	1
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	#5150.00	49.62 PK	74.00	-24.38	1.00 H	121	13.19	36.43
2	*5210.00	100.01 PK			1.00 H	121	63.53	36.48
2	*5210.00	87.29 AV			1.00 H	121	50.81	36.48
3	10420.00	55.03 PK	69.62	-14.59	1.54 H	241	9.59	45.44
3	10420.00	40.87 AV	69.62	-28.75	1.54 H	241	-4.57	45.44
4	#15630.00	59.67 PK	74.00	-14.33	1.30 H	281	12.22	47.45
4	#15630.00	46.09 AV	54.00	-7.91	1.30 H	281	-1.36	47.45

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	#5150.00	53.78 PK	74.00	-20.22	1.01 V	114	17.35	36.43
1	#5150.00	42.96 AV	54.00	-11.04	1.01 V	114	6.53	36.43
2	*5210.00	104.17 PK			1.01 V	114	67.69	36.48
2	*5210.00	93.35 AV			1.01 V	114	56.87	36.48
3	10420.00	55.41 PK	69.62	-14.21	1.38 V	207	9.97	45.44
3	10420.00	41.45 AV	69.62	-28.17	1.38 V	207	-3.99	45.44
4	#15630.00	60.42 PK	74.00	-13.58	1.34 V	145	12.97	47.45
4	#15630.00	47.45 AV	54.00	-6.55	1.34 V	145	0.00	47.45

NOTE:

1. Emission level = Raw value+ Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Turbo Mode	CHANNEL	2
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5250.00	98.63 PK			1.01 H	192	62.12	36.51
1	*5250.00	87.19 AV			1.01 H	192	50.68	36.51
2	10500.00	54.69 PK	69.62	-14.93	1.68 H	236	9.29	45.40
2	10500.00	40.11 AV	69.62	-29.51	1.68 H	236	-5.29	45.40
3	#15750.00	59.71 PK	74.00	-14.29	1.39 H	67	12.83	46.88
3	#15750.00	45.82 AV	54.00	-8.18	1.39 H	67	-1.06	46.88

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5250.00	100.60 PK			1.00 V	113	64.09	36.51
1	*5250.00	90.13 AV			1.00 V	113	53.62	36.51
2	10500.00	56.22 PK	69.62	-13.40	1.21 V	262	10.82	45.40
2	10500.00	42.53 AV	69.62	-27.09	1.21 V	262	-2.87	45.40
3	#15750.00	59.68 PK	74.00	-14.32	1.44 V	271	12.80	46.88
3	#15750.00	46.40 AV	54.00	-7.60	1.44 V	271	-0.49	46.88

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “#”The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Turbo Mode	CHANNEL	3
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5290.00	96.62 PK			1.11 H	192	60.08	36.54
1	*5290.00	86.75 AV			1.11 H	192	50.21	36.54
2	#5350.00	47.45 PK	74.00	-26.55	1.11 H	192	10.95	36.50
3	10580.00	57.15 PK	69.62	-12.47	1.48 H	312	11.77	45.38
4	#15870.00	57.44 PK	74.00	-16.56	1.42 H	188	11.00	46.44
4	#15870.00	42.33 AV	54.00	-11.67	1.42 H	188	-4.11	46.44

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5290.00	101.35 PK			1.00 V	274	64.81	36.54
1	*5290.00	91.27 AV			1.00 V	274	54.73	36.54
2	#5350.00	52.18 PK	74.00	-21.82	1.00 V	274	15.68	36.50
2	#5350.00	42.10 AV	54.00	-11.90	1.00 V	274	5.60	36.50
3	10580.00	55.46 PK	69.62	-14.46	1.21 V	187	10.08	45.38
4	#15870.00	58.12 PK	74.00	-15.88	4.00 V	87	11.68	46.44
4	#15870.00	42.43 AV	54.00	-11.57	4.00 V	87	-4.01	46.44

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Turbo Mode	CHANNEL	4
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	5725.00	73.70 PK	78.87	-5.17	1.28 H	138	36.58	37.12
1	5725.00	58.85 AV	68.77	-9.92	1.28 H	138	21.73	37.12
2	*5760.00	98.87 PK			1.28 H	138	61.60	37.27
2	*5760.00	88.77 AV			1.28 H	138	51.50	37.27
3	#11520.00	51.36 PK	74.00	-22.64	1.66 H	122	5.66	45.70
3	#11520.00	41.69 AV	54.00	-12.31	1.66 H	122	-4.01	45.70

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	5725.00	78.63 PK	83.43	-4.80	1.00 V	121	41.51	37.12
1	5725.00	63.50 AV	72.67	-9.17	1.00 V	121	26.38	37.12
2	*5760.00	103.43 PK			1.00 V	121	66.16	37.27
2	*5760.00	92.67 AV			1.00 V	121	55.40	37.27
3	#11520.00	54.56 PK	74.00	-19.44	1.21 V	67	8.86	45.70
3	#11520.00	47.22 AV	54.00	-6.78	1.21 V	67	1.52	45.70

NOTE:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB).
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.

. 6."#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	**MODEL**	WMIA-105AG
MODE	Turbo Mode	**CHANNEL**	5
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5800.00	98.84 PK			1.28 H	137	61.41	37.43
1	*5800.00	89.65 AV			1.28 H	137	52.22	37.43
2	5825.00	67.38 PK	78.84	-11.46	1.28 H	137	29.93	37.45
2	5825.00	54.93 AV	69.65	-14.72	1.28 H	137	17.48	37.45
3	#11600.00	57.33 PK	74.00	-16.67	1.58 H	131	11.81	45.52
3	#11600.00	46.19 AV	54.00	-7.81	1.58 H	131	0.67	45.52

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5800.00	101.67 PK			1.00 V	122	64.24	37.43
1	*5800.00	91.61 AV			1.00 V	122	54.18	37.43
2	5825.00	72.55 PK	81.67	-9.12	1.00 V	122	35.10	37.45
2	5825.00	56.23 AV	71.61	-15.38	1.00 V	122	18.78	37.45
3	#11600.00	58.96 PK	74.00	-15.04	1.22 V	277	13.44	45.52
3	#11600.00	49.74 AV	54.00	-4.26	1.22 V	277	4.22	45.52

NOTE:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB).
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.
6. "#"The radiated frequency falling in the restricted band.

5.2.10 TEST RESULTS (MODE 3)

EUT	Wireless 11a+g mini-PCI	**MODEL**	WMIA-105AG
FREQUENCY RANGE	Below 1000MHz	**DETECTOR FUNCTION**	Quasi-Peak
ENVIRONMENTAL CONDITIONS	25deg. C, 60%RH, 991hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Haradway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	99.70	37.80 QP	43.50	-5.70	1.42 H	85	26.33	11.47
2	133.20	41.10 QP	43.50	-2.40	1.34 H	52	28.71	12.39
3	166.40	41.90 QP	43.50	-1.60	1.13 H	62	31.28	10.62
4	199.12	36.06 QP	43.50	-7.44	1.00 H	31	25.31	10.75
5	234.11	36.61 QP	46.00	-9.39	1.12 H	251	23.91	12.70
6	300.20	36.79 QP	46.00	-9.21	1.25 H	217	21.13	15.66

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	37.78	30.10 QP	40.00	-9.90	1.00 V	325	15.95	14.15
2	99.98	35.77 QP	43.50	-7.73	4.00 V	283	24.24	11.53
3	133.03	33.96 QP	43.50	-9.54	3.00 V	103	21.56	12.40
4	166.07	28.49 QP	43.50	-15.01	2.00 V	97	17.87	10.62
5	201.06	26.77 QP	43.50	-16.73	1.00 V	322	15.95	10.82
6	469.32	28.96 QP	46.00	-17.04	1.00 V	337	9.60	19.36

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Normal Mode	CHANNEL	1
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	25deg. C, 55%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	#5150.00	53.20 PK	74.00	-20.80	1.18 H	200	16.77	36.43
1	#5150.00	43.66 AV	54.00	-10.34	1.18 H	200	7.23	36.43
2	*5180.00	103.44 PK			1.18 H	200	66.98	36.46
2	*5180.00	93.90 AV			1.18 H	200	57.44	36.46
3	10360.00	54.45 PK	71.05	-16.60	1.21 H	19	9.12	45.33
4	#15720.00	57.66 PK	74.00	-16.34	1.30 H	283	10.54	47.11
4	#15720.00	44.23 AV	54.00	-9.77	1.30 H	283	-2.89	47.11

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	#5150.00	56.26 PK	74.00	-17.74	1.41 V	294	19.83	36.43
1	#5150.00	45.60 AV	54.00	-8.40	1.41 V	294	9.17	36.43
2	*5180.00	106.50 PK			1.41 V	294	70.04	36.46
2	*5180.00	95.84 AV			1.41 V	294	59.38	36.46
3	10360.00	54.68 PK	71.05	-16.37	1.08 V	93	9.35	45.33
4	#15720.00	57.92 PK	74.00	-16.08	1.47 V	188	10.80	47.11
4	#15720.00	44.49 AV	54.00	-9.51	1.47 V	188	-2.63	47.11

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	**MODEL**	WMIA-105AG
MODE	Normal Mode	**CHANNEL**	4
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	25deg. C, 55%RH, 991hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5240.00	103.52 PK			1.07 H	175	67.02	36.50
1	*5240.00	94.25 AV			1.07 H	175	57.75	36.50
2	10480.00	55.50 PK	71.05	-15.55	2.03 H	47	10.09	45.41

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5240.00	104.74 PK			1.57 V	6	68.24	36.50
1	*5240.00	94.38 AV			1.57 V	6	57.88	36.50
2	10480.00	56.31 PK	71.05	-14.74	1.19 V	188	10.90	45.41

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency
6. “#”The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Normal Mode	CHANNEL	5
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	25deg. C, 55%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5260.00	104.40 PK			1.33 H	196	67.88	36.52
1	*5260.00	93.89 AV			1.33 H	196	57.37	36.52
2	10520.00	54.57 PK	71.05	-16.48	1.19 H	232	9.18	45.40

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5260.00	105.04 PK			1.18 V	265	68.52	36.52
1	*5260.00	96.27 AV			1.18 V	265	59.75	36.52
2	10520.00	55.49 PK	71.05	-15.56	1.35 V	211	10.10	45.40

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Normal Mode	CHANNEL	8
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	25deg. C, 55%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)
1	*5320.00	103.69 PK			1.05 H	194	67.16	36.53
1	*5320.00	93.82 AV			1.05 H	194	57.29	36.53
2	#5350.00	48.41 PK	74.00	-25.59	1.05 H	194	11.91	36.50
3	#10640.00	54.65 PK	74.00	-19.35	1.00 H	210	9.28	45.37
3	#10640.00	41.72 AV	54.00	-12.28	1.00 H	210	-3.65	45.37
4	#15960.00	55.76 PK	74.00	-18.24	1.54 H	124	9.51	46.25
4	#15960.00	43.50 AV	54.00	-10.50	1.54 H	124	-2.75	46.25

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)
1	*5320.00	105.67 PK			1.16 V	268	69.14	36.53
1	*5320.00	95.95 AV			1.16 V	268	59.42	36.53
2	#5350.00	50.39 PK	74.00	-23.61	1.16 V	268	13.89	36.50
3	#10640.00	54.55 PK	74.00	-19.45	1.35 V	142	9.18	45.37
3	#10640.00	42.00 AV	54.00	-12.00	1.35 V	142	-3.37	45.37
4	#15960.00	56.23 PK	74.00	-17.77	1.33 V	203	9.97	46.25
4	#15960.00	43.62 AV	54.00	-10.38	1.33 V	203	-2.64	46.25

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Normal Mode	CHANNEL	9
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	25deg. C, 55%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5725.00	72.58 PK	83.92	-11.34	2.02 H	217	35.46	37.12
1	5725.00	63.99 AV	74.45	-10.46	2.02 H	217	26.87	37.12
2	*5745.00	103.92 PK			1.24 H	212	66.72	37.20
2	*5745.00	94.45 AV			1.24 H	212	57.25	37.20
3	#11490.00	56.06 PK	74.00	-17.94	1.85 H	139	10.30	45.76
3	#11490.00	42.97 AV	54.00	-11.03	1.85 H	139	-2.79	45.76
4	17235.00	65.57 PK	83.92	-18.35	1.22 H	267	14.79	50.78
4	17235.00	52.77 AV	74.45	-21.68	1.22 H	267	1.99	50.78

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5725.00	73.64 PK	84.50	-10.86	1.54 V	72	36.52	37.12
1	5725.00	64.57 AV	75.64	-11.07	1.54 V	72	27.45	37.12
2	*5745.00	104.50 PK			1.54 V	72	67.30	37.20
2	*5745.00	95.64 AV			1.54 V	72	58.44	37.20
3	#11490.00	58.14 PK	74.00	-15.86	1.94 V	213	12.38	45.76
3	#11490.00	44.24 AV	54.00	-9.76	1.94 V	213	-1.52	45.76
4	17235.00	63.61 PK	84.50	-20.89	2.18 V	213	12.83	50.78
4	17235.00	49.76 AV	75.64	-25.88	2.18 V	213	-1.02	50.78

NOTE:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB).
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Normal Mode	CHANNEL	11
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	25deg. C, 55%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	103.90 PK			2.02 H	217	66.53	37.37
1	*5785.00	94.84 AV			2.02 H	217	57.47	37.37
2	#11570.00	55.59 PK	74.00	-18.41	1.57 H	257	10.00	45.59
2	#11570.00	42.77 AV	54.00	-11.23	1.57 H	257	-2.82	45.59
3	17355.00	66.03 PK	83.90	-17.87	1.24 H	269	14.24	51.78
3	17355.00	53.50 AV	74.84	-21.34	1.24 H	269	1.71	51.78

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	108.48 PK			2.38 V	81	71.11	37.37
1	*5785.00	98.37 AV			2.38 V	81	61.00	37.37
2	#11570.00	56.22 PK	74.00	-17.78	2.25 V	219	10.63	45.59
2	#11570.00	43.87 AV	54.00	-10.13	2.25 V	219	-1.72	45.59
3	17355.00	65.11 PK	88.48	-23.37	1.89 V	54	13.32	51.78
3	17355.00	51.47 AV	78.37	-26.90	1.89 V	54	-0.32	51.78

NOTE:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB).
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Normal Mode	CHANNEL	13
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	25deg. C, 55%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	103.94 PK			1.15 H	200	66.49	37.45
1	*5825.00	94.26 AV			1.15 H	200	56.81	37.45
2	5850.00	68.95 PK	83.94	-14.99	1.15 H	200	31.48	37.47
3	#11650.00	56.46 PK	74.00	-17.54	1.05 H	225	10.97	45.49
3	#11650.00	43.61 AV	54.00	-10.39	1.05 H	225	-1.88	45.49
4	17475.00	66.45 PK	83.94	-17.49	1.19 H	251	13.56	52.89
4	17475.00	53.58 AV	74.26	-20.68	1.19 H	251	0.69	52.89

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	106.58 PK			2.39 V	79	69.13	37.45
1	*5825.00	97.30 AV			2.39 V	79	59.85	37.45
2	5850.00	70.82 PK	86.58	-15.76	2.39 V	79	33.35	37.47
3	#11650.00	58.61 PK	74.00	-15.39	2.27 V	67	13.12	45.49
3	#11650.00	46.18 AV	54.00	-7.82	2.27 V	67	0.69	45.49
4	17475.00	64.90 PK	86.58	-21.68	2.18 V	93	12.01	52.89
4	17475.00	52.34 AV	77.30	-24.96	2.18 V	93	-0.55	52.89

NOTE:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB).
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Turbo Mode	CHANNEL	1
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	30deg. C, 65%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	#5150.00	54.10 PK	74.00	-19.90	1.00 H	189	17.67	36.43
1	#5150.00	44.84 AV	54.00	-9.16	1.00 H	189	8.41	36.43
2	*5210.00	102.47 PK			1.00 H	189	65.99	36.48
2	*5210.00	93.21 AV			1.00 H	189	56.73	36.48
3	10420.00	55.88 PK	71.05	-15.17	1.66 H	274	10.44	45.44
4	#15630.00	59.19 PK	74.00	-14.81	1.20 H	279	11.74	47.45
4	#15630.00	45.43 AV	54.00	-8.57	1.20 H	279	-2.02	47.45

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	#5150.00	45.33 PK	74.00	-22.97	2.00 V	263	8.90	36.43
1	#5150.00	43.68 AV	54.00	-10.32	2.00 V	263	7.25	36.43
2	*5210.00	100.90 PK			2.00 V	263	64.42	36.48
2	*5210.00	92.05 AV			2.00 V	263	55.57	36.48
3	10420.00	54.83 PK	71.05	-16.22	2.02 V	218	9.39	45.44
4	#15630.00	59.33 PK	74.00	-14.67	1.38 V	137	11.88	47.45
4	#15630.00	46.64 AV	54.00	-7.36	1.38 V	137	-0.81	47.45

NOTE:

1. Emission level = Raw value+ Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Turbo Mode	CHANNEL	2
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	30deg. C, 65%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5250.00	104.95 PK			1.48 H	79	68.44	36.51
1	*5250.00	95.46 AV			1.48 H	79	58.95	36.51
2	10500.00	52.85 PK	71.05	-18.20	1.77 H	261	7.45	45.40
3	#15750.00	54.39 PK	74.00	-19.61	1.66 H	218	7.51	46.88
3	#15750.00	43.25 AV	54.00	-10.75	1.66 H	218	-3.63	46.88

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5250.00	105.35 PK			1.48 V	79	68.84	36.51
1	*5250.00	95.59 AV			1.48 V	79	59.08	36.51
2	10500.00	54.36 PK	71.05	-16.69	1.60 V	225	8.96	45.40
3	#15750.00	57.66 PK	74.00	-16.34	1.50 V	179	10.77	46.88
3	#15750.00	44.65 AV	54.00	-9.35	1.50 V	179	-2.23	46.88

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “#”The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Turbo Mode	CHANNEL	3
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	30deg. C, 65%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5290.00	104.10 PK			1.00 H	209	67.56	36.54
1	*5290.00	95.01 AV			1.00 H	209	58.47	36.54
2	#5350.00	53.48 PK	74.00	-20.52	1.00 H	209	16.98	36.50
2	#5350.00	44.39 AV	54.00	-9.61	1.00 H	209	7.89	36.50
3	10580.00	55.98 PK	71.05	-15.07	1.11 H	289	10.60	45.38
4	#15870.00	57.16 PK	74.00	-16.84	1.66 H	168	10.72	46.44
4	#15870.00	43.59 AV	54.00	-10.41	1.66 H	168	-2.85	46.44

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5290.00	103.55 PK			1.71 V	291	67.01	36.54
1	*5290.00	94.20 AV			1.71 V	291	57.66	36.54
2	#5350.00	52.93 PK	74.00	-21.07	1.71 V	291	16.43	36.50
2	#5350.00	43.58 AV	54.00	-10.42	1.71 V	291	7.08	36.50
3	10580.00	55.32 PK	71.05	-15.73	1.21 V	336	9.94	45.38
4	#15870.00	57.85 PK	74.00	-16.15	1.44 V	150	11.41	46.44
4	#15870.00	44.36 AV	54.00	-9.64	1.44 V	150	-2.08	46.44

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	**MODEL**	WMIA-105AG
MODE	Turbo Mode	**CHANNEL**	4
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	30deg. C, 65%RH, 991hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	5725.00	71.25 PK	82.31	-11.06	1.34 H	214	34.13	37.12
1	5725.00	63.58 AV	73.89	-10.31	1.34 H	214	26.46	37.12
2	*5760.00	102.31 PK			1.34 H	214	65.04	37.27
2	*5760.00	93.89 AV			1.34 H	214	56.62	37.27
3	#11520.00	55.88 PK	74.00	-18.12	1.88 H	287	10.18	45.70
3	#11520.00	42.86 AV	54.00	-11.14	1.88 H	287	-2.84	45.70
4	17280.00	64.52 PK	82.31	-17.79	1.73 H	292	13.40	51.12
4	17280.00	52.31 AV	73.89	-21.58	1.73 H	292	1.19	51.12

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	5725.00	72.58 PK	83.51	-10.93	1.78 V	266	35.46	37.12
1	5725.00	64.11 AV	74.62	-10.51	1.78 V	266	26.99	37.12
2	5760.00	103.51 PK			1.78 V	266	66.24	37.27
2	5760.00	94.62 AV			1.78 V	266	57.35	37.27
3	#11520.00	59.54 PK	74.00	-14.46	1.54 V	235	13.84	45.70
3	#11520.00	45.24 AV	54.00	-8.76	1.54 V	235	-0.46	45.70
4	17280.00	64.81 PK	83.51	-18.70	1.68 V	293	13.69	51.12
4	17280.00	52.95 AV	74.62	-21.67	1.68 V	293	1.83	51.12

NOTE:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB).
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.

. 6."#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Turbo Mode	CHANNEL	5
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	30deg. C, 65%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5800.00	102.41 PK			1.37 H	226	64.98	37.43
1	*5800.00	94.13 AV			1.37 H	226	56.70	37.43
2	5850.00	69.73 PK	82.41	-12.68	1.37 H	226	32.26	37.47
3	#11600.00	54.56 PK	74.00	-19.44	1.20 H	177	9.04	45.52
3	#11600.00	42.29 AV	54.00	-11.71	1.20 H	177	-3.23	45.52
4	17400.00	65.97 PK	82.41	-16.44	1.27 H	266	13.77	52.20
4	17400.00	53.61 AV	74.13	-20.52	1.27 H	266	1.41	52.20

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5800.00	101.91 PK			2.04 V	268	64.48	37.43
1	*5800.00	92.76 AV			2.04 V	268	55.33	37.43
2	5850.00	71.17 PK	81.91	-10.74	2.04 V	268	33.70	37.47
3	#11600.00	56.40 PK	74.00	-17.60	1.52 V	195	10.88	45.52
3	#11600.00	43.93 AV	54.00	-10.07	1.52 V	195	-1.59	45.52
4	17400.00	65.61 PK	81.91	-16.30	2.01 V	3	13.41	52.20
4	17400.00	52.12 AV	72.76	-20.64	2.01 V	3	-0.08	52.20

NOTE:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB).
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.
6. "#"The radiated frequency falling in the restricted band.

5.2.11 TEST RESULTS (MODE 4)

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
FREQUENCY RANGE	Below 1000MHz	DETECTOR FUNCTION	Quasi-Peak
ENVIRONMENTAL CONDITIONS	23deg. C, 80%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Haradway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	50.13	35.85 QP	40.00	-4.15	1.22 H	300	26.58	9.26
2	75.00	35.76 QP	40.00	-4.24	1.49 H	80	28.24	7.52
3	100.29	40.69 QP	43.50	-2.81	1.14 H	188	29.14	11.55
4	133.06	36.15 QP	43.50	-7.35	2.14 H	0	23.75	12.40
5	167.42	40.56 QP	43.50	-2.94	2.11 H	164	29.95	10.61
6	175.24	37.30 QP	43.50	-6.20	1.22 H	36	26.77	10.52
7	200.43	40.91 QP	43.50	-2.59	1.49 H	1	30.13	10.78
8	234.21	39.77 QP	46.00	-6.23	1.80 H	189	27.06	12.71
9	250.00	36.48 QP	46.00	-9.52	2.19 H	71	22.87	13.61
10	266.06	40.04 QP	46.00	-5.96	1.77 H	77	24.89	15.15
11	275.00	32.71 QP	46.00	-13.29	2.19 H	72	17.46	15.25
12	299.15	42.17 QP	46.00	-3.83	1.73 H	39	26.52	15.65
13	332.80	41.08 QP	46.00	-4.92	1.00 H	160	24.93	16.15
14	366.49	41.74 QP	46.00	-4.26	1.22 H	30	24.73	17.01
15	375.00	33.82 QP	46.00	-12.18	1.40 H	1	16.50	17.32
16	398.80	37.96 QP	46.00	-8.04	1.00 H	217	19.76	18.20
17	401.18	41.24 QP	46.00	-4.76	1.40 H	146	22.99	18.25
18	432.06	35.78 QP	46.00	-10.22	1.00 H	197	17.14	18.64
19	565.75	35.82 QP	46.00	-10.18	1.00 H	238	14.53	21.29
20	600.01	36.18 QP	46.00	-9.82	1.49 H	43	13.90	22.28
21	601.78	39.41 QP	46.00	-6.59	1.00 H	55	17.12	22.29

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
FREQUENCY RANGE	Below 1000MHz	DETECTOR FUNCTION	Quasi-Peak
ENVIRONMENTAL CONDITIONS	23deg. C, 80%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Haradway Lee		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	50.10	33.58 QP	40.00	-6.42	1.00 V	187	24.32	9.26
2	65.94	30.93 QP	40.00	-9.07	1.14 V	127	23.43	7.50
3	75.03	33.54 QP	40.00	-6.46	1.18 V	44	26.01	7.53
4	125.00	36.64 QP	43.50	-6.86	1.00 V	144	23.82	12.82
5	150.00	29.23 QP	43.50	-14.27	1.00 V	233	17.87	11.36
6	175.01	31.60 QP	43.50	-11.90	1.00 V	7	21.08	10.52
7	199.22	40.64 QP	43.50	-2.86	1.00 V	173	29.89	10.75
8	199.96	36.28 QP	43.50	-7.22	1.00 V	297	25.52	10.76
9	225.03	32.02 QP	46.00	-13.98	1.82 V	0	19.83	12.19
10	250.00	34.26 QP	46.00	-11.74	1.03 V	123	20.65	13.61
11	275.00	32.08 QP	46.00	-13.92	1.60 V	118	16.83	15.25
12	299.15	36.34 QP	46.00	-9.66	1.61 V	106	20.69	15.65
13	349.95	35.19 QP	46.00	-10.81	2.64 V	250	18.79	16.40
14	375.12	41.90 QP	46.00	-4.10	2.64 V	269	24.58	17.32
15	450.00	38.65 QP	46.00	-7.35	1.72 V	142	19.78	18.87
16	525.00	37.44 QP	46.00	-8.56	1.42 V	294	16.95	20.48
17	559.13	36.89 QP	46.00	-9.11	1.37 V	0	15.79	21.10
18	563.24	36.86 QP	46.00	-9.14	1.00 V	225	15.64	21.22
19	595.25	39.17 QP	46.00	-6.83	1.00 V	341	17.03	22.14
20	600.00	40.15 QP	46.00	-5.85	3.32 V	74	17.87	22.28
21	857.96	35.18 QP	46.00	-10.82	1.64 V	36	10.82	24.36

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Normal Mode	CHANNEL	1
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	25deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	#5150.00	47.20 PK	74.00	-26.80	1.11 H	255	8.66	38.54
2	*5180.00	98.20 PK			1.11 H	255	59.58	38.62
2	*5180.00	88.07 AV			1.11 H	255	49.45	38.62
3	10360.00	53.06 PK	71.30	-18.24	1.11 H	255	8.19	44.87
4	#15541.00	61.31 PK	74.00	-12.69	1.41 H	162	14.32	46.99
4	#15541.00	49.27 AV	54.00	-4.73	1.41 H	162	2.28	46.99

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	#5150.00	60.12 PK	74.00	-13.88	1.27 V	311	21.58	38.54
1	#5150.00	49.00 AV	54.00	-5.00	1.27 V	311	10.46	38.54
2	*5180.00	111.12 PK			1.27 V	311	72.50	38.62
2	*5180.00	100.45 AV			1.27 V	311	61.83	38.62
3	10360.00	52.76 PK	71.30	-18.54	1.30 V	227	7.89	44.87
4	#15541.00	63.17 PK	74.00	-10.83	1.18 V	224	16.18	46.99
4	#15541.00	50.07 AV	54.00	-3.93	1.18 V	224	3.08	46.99

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	**MODEL**	WMIA-105AG
MODE	Normal Mode	**CHANNEL**	4
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	25deg. C, 60%RH, 991hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5240.00	98.52 PK			1.62 H	246	59.80	38.72
1	*5240.00	88.52 AV			1.62 H	246	49.80	38.72
2	10480.00	53.75 PK	71.30	-17.55	1.15 H	34	8.72	45.03
3	#15710.00	59.50 PK	74.00	-14.50	1.54 H	345	11.43	48.07
3	#15710.00	48.50 AV	54.00	-5.50	1.54 H	345	0.43	48.07

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5240.00	110.72 PK			1.54 V	345	72.00	38.72
1	*5240.00	99.56 AV			1.54 V	345	60.84	38.72
2	10490.00	54.14 PK	71.30	-17.16	1.32 V	154	9.09	45.05
3	#15710.00	58.17 PK	74.00	-15.83	1.21 V	334	11.62	46.55
3	#15710.00	46.77 AV	54.00	-7.23	1.21 V	334	0.22	46.55

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Normal Mode	CHANNEL	5
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	25deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5260.00	99.03 PK			1.02 H	154	60.28	38.75
1	*5260.00	88.66 AV			1.02 H	154	49.91	38.75
2	10520.00	54.32 PK	71.30	-16.98	1.15 H	34	9.21	45.12
3	#15784.00	57.24 PK	74.00	-16.76	1.31 H	62	10.99	46.25
3	#15784.00	46.84 AV	54.00	-7.16	1.31 H	62	0.59	46.25

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5260.00	111.15 PK			1.04 V	237	72.40	38.75
1	*5260.00	101.11 AV			1.04 V	237	62.36	38.75
2	10520.00	54.82 PK	71.30	-16.48	1.25 V	227	9.71	45.12
3	#15784.00	56.70 PK	74.00	-17.30	1.38 V	177	10.45	46.25
3	#15784.00	47.24 AV	54.00	-6.76	1.38 V	177	0.99	46.25

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Normal Mode	CHANNEL	8
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	25deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)
1	*5320.00	99.22 PK			1.30 H	34	60.39	38.83
1	*5320.00	89.28 AV			1.30 H	34	50.45	38.83
2	#5350.00	47.10 PK	74.00	-26.90	1.30 H	34	8.23	38.87
3	#10640.00	53.06 PK	74.00	-20.94	1.28 H	251	7.76	45.31
3	#10640.00	44.56 AV	54.00	-9.44	1.28 H	251	-0.74	45.31
4	#15967.00	54.68 PK	74.00	-19.32	1.32 H	341	7.71	46.97
4	#15967.00	45.28 AV	54.00	-8.72	1.32 H	341	-1.69	46.97

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)
1	*5320.00	112.02 PK			1.04 V	220	73.19	38.83
1	*5320.00	101.23 AV			1.04 V	220	62.40	38.83
2	#5350.00	60.00 PK	74.00	-14.00	1.04 V	220	21.13	38.87
2	#5350.00	49.80 AV	54.00	-4.20	1.04 V	220	10.93	38.87
3	#10640.00	54.16 PK	74.00	-19.84	1.04 V	220	8.86	45.31
3	#10640.00	43.56 AV	54.00	-10.44	1.04 V	220	-1.74	45.31
4	#15967.00	56.58 PK	74.00	-17.42	1.31 V	7	9.61	46.97
4	#15967.00	46.58 AV	54.00	-7.42	1.31 V	7	-0.39	46.97

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Normal Mode	CHANNEL	9
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	25deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5725.00	62.30 PK	76.61	-14.31	1.71 H	246	25.18	37.12
1	5725.00	53.90 AV	66.65	-14.75	1.71 H	246	16.78	37.12
2	*5745.00	96.61 PK			1.71 H	246	59.41	37.20
2	*5745.00	86.65 AV			1.71 H	246	49.45	37.20
3	#11490.00	53.90 PK	74.00	-20.10	2.13 H	71	8.14	45.76
3	#11490.00	41.59 AV	54.00	-12.41	2.13 H	71	-4.17	45.76
4	17235.00	58.99 PK	76.61	-17.62	1.87 H	9	8.21	50.78
4	17235.00	47.14 AV	66.65	-19.51	1.87 H	9	-3.64	50.78

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5725.00	76.57 PK	88.61	-12.04	1.00 V	248	39.45	37.12
1	5725.00	68.22 AV	78.95	-10.73	1.00 V	248	31.10	37.12
2	*5745.00	108.61 PK			1.00 V	248	71.41	37.20
2	*5745.00	98.95 AV			1.00 V	248	61.75	37.20
3	#11490.00	61.06 PK	74.00	-12.94	2.34 V	47	15.30	45.76
3	#11490.00	48.62 AV	54.00	-5.38	2.34 V	47	2.86	45.76
4	17235.00	60.05 PK	88.61	-28.56	1.14 V	144	9.27	50.78
4	17235.00	48.95 AV	78.95	-30.00	1.14 V	144	-1.83	50.78

NOTE:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB).
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Normal Mode	CHANNEL	11
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	25deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	94.81 PK			1.57 H	299	57.44	37.37
1	*5785.00	85.31 AV			1.57 H	299	47.94	37.37
2	#11570.00	54.42 PK	74.00	-19.58	1.41 H	252	8.83	45.59
2	#11570.00	42.54 AV	54.00	-11.46	1.41 H	252	-3.05	45.59
3	17355.00	65.31 PK	74.81	-9.50	1.46 H	324	13.52	51.78
3	17355.00	52.21 AV	65.31	-13.10	1.46 H	324	0.42	51.78

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	108.06 PK			1.04 V	255	70.69	37.37
1	*5785.00	98.43 AV			1.04 V	255	61.06	37.37
2	#11570.00	58.79 PK	74.00	-15.21	1.98 V	301	13.20	45.59
2	#11570.00	46.58 AV	54.00	-7.42	1.98 V	301	0.99	45.59
3	17355.00	60.96 PK	88.06	-27.10	1.41 V	49	9.17	51.78
3	17355.00	49.15 AV	78.43	-29.28	1.41 V	49	-2.64	51.78

NOTE:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB).
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	**MODEL**	WMIA-105AG
MODE	Normal Mode	**CHANNEL**	13
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	25deg. C, 60%RH, 991hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	94.54 PK			1.67 H	298	57.09	37.45
1	*5825.00	85.26 AV			1.67 H	298	47.81	37.45
2	5850.00	64.56 PK	74.54	-9.98	1.67 H	298	27.09	37.47
2	5850.00	55.17 AV	65.26	-10.09	1.67 H	298	17.70	37.47
3	#11650.00	55.66 PK	74.00	-18.34	1.70 H	28	10.17	45.49
3	#11650.00	43.54 AV	54.00	-10.46	1.70 H	28	-1.95	45.49
4	17475.00	65.01 PK	74.54	-9.53	1.60 H	238	12.12	52.89
4	17475.00	52.42 AV	65.26	-12.84	1.60 H	238	-0.47	52.89

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	107.17 PK			1.19 V	256	69.72	37.45
1	*5825.00	97.51 AV			1.19 V	256	60.06	37.45
2	5850.00	72.50 PK	87.17	-14.67	1.19 V	256	35.03	37.47
2	5850.00	65.21 AV	77.51	-12.30	1.19 V	256	27.74	37.47
3	#11650.00	55.91 PK	74.00	-18.09	1.45 V	252	10.42	45.49
3	#11650.00	43.63 AV	54.00	-10.37	1.45 V	252	-1.86	45.49
4	17475.00	63.51 PK	87.17	-23.66	1.33 V	266	10.62	52.89
4	17475.00	51.51 AV	77.51	-26.00	1.33 V	266	-1.38	52.89

NOTE:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB).
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Turbo Mode	CHANNEL	1
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	25deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Martin Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	#5150.00	41.00 PK	74.00	-33.00	1.54 H	328	2.46	38.54
2	*5210.00	96.43 PK			1.54 H	328	57.75	38.68
2	*5210.00	85.18 AV			1.54 H	328	46.50	38.68
3	10420.00	54.04 PK	71.30	-17.26	1.18 H	34	9.14	44.90

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	#5150.00	58.00 PK	74.00	-16.00	1.09 V	48	19.46	38.54
1	#5150.00	48.00 AV	54.00	-6.00	1.09 V	48	9.46	38.54
2	*5210.00	107.19 PK			1.09 V	48	68.51	38.68
2	*5210.00	97.37 AV			1.09 V	48	58.69	38.68
3	10420.00	53.49 PK	71.30	-17.81	1.28 V	248	8.59	44.90

NOTE:

1. Emission level = Raw value+ Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency
6. “#”The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Turbo Mode	CHANNEL	2
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	25deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Martin Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5250.00	97.71 PK			1.69 H	121	58.97	38.74
1	*5250.00	87.63 AV			1.69 H	121	48.89	38.74
2	10500.00	53.27 PK	71.30	-18.03	1.24 H	182	8.20	45.07

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5250.00	108.29 PK			1.13 V	34	69.55	38.74
1	*5250.00	98.06 AV			1.13 V	34	59.32	38.74
2	10500.00	56.27 PK	71.30	-15.03	1.29 V	328	11.20	45.07

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “#”The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Turbo Mode	CHANNEL	3
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	25deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Martin Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5290.00	96.84 PK			1.13 H	34	58.05	38.79
1	*5290.00	85.95 AV			1.13 H	34	47.16	38.79
2	#5350.00	46.80 PK	74.00	-27.20	1.13 H	34	7.93	38.87
3	10580.00	54.80 PK	71.30	-16.50	1.25 H	85	9.55	45.25

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5290.00	108.49 PK			1.09 V	262	69.70	38.79
1	*5290.00	97.60 AV			1.09 V	262	58.81	38.79
2	#5350.00	58.49 PK	74.00	-15.51	1.09 V	262	19.62	38.87
2	#5350.00	47.60 AV	54.00	-6.40	1.09 V	262	8.73	38.87
3	10580.00	55.16 PK	71.30	-16.14	1.31 V	245	9.91	45.25

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency
6. “#”The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	**MODEL**	WMIA-105AG
MODE	Turbo Mode	**CHANNEL**	4
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	5725.00	65.22 PK	78.31	-13.09	1.03 H	129	28.10	37.12
1	5725.00	53.90 AV	68.36	-14.46	1.03 H	129	16.78	37.12
2	*5760.00	98.31 PK			1.03 H	129	61.04	37.27
2	*5760.00	88.36 AV			1.03 H	129	51.09	37.27
3	#11520.00	54.64 PK	74.00	-19.36	1.68 H	19	8.94	45.70
3	#11520.00	42.49 AV	54.00	-11.51	1.68 H	19	-3.21	45.70
4	17280.00	61.46 PK	78.31	-16.85	1.70 H	285	10.34	51.12
4	17280.00	48.71 AV	68.36	-19.65	1.70 H	285	-2.41	51.12

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	5725.00	75.90 PK	89.58	-13.68	1.00 V	249	38.78	37.12
1	5725.00	65.99 AV	78.77	-12.78	1.00 V	249	28.87	37.12
2	*5760.00	109.58 PK			1.00 V	249	72.31	37.27
2	*5760.00	98.77 AV			1.00 V	249	61.50	37.27
3	#11520.00	55.02 PK	74.00	-18.98	1.32 V	238	9.32	45.70
3	#11520.00	42.94 AV	54.00	-11.06	1.32 V	238	-2.76	45.70
4	17280.00	61.80 PK	89.58	-27.78	1.59 V	231	10.68	51.12
4	17280.00	49.22 AV	78.77	-29.55	1.59 V	231	-1.90	51.12

NOTE:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB).
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.

. 6."#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Turbo Mode	CHANNEL	5
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 65%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5800.00	98.73 PK			1.15 H	252	61.30	37.43
1	*5800.00	89.09 AV			1.15 H	252	51.66	37.43
2	5850.00	68.78 PK	78.73	-9.95	1.15 H	252	31.31	37.47
2	5850.00	58.11 AV	69.09	-10.98	1.15 H	252	20.64	37.47
3	#11600.00	62.58 PK	74.00	-11.42	1.47 H	233	17.06	45.52
3	#11600.00	47.36 AV	54.00	-6.64	1.47 H	233	1.84	45.52
4	17400.00	69.36 PK	78.73	-9.37	1.21 H	271	17.16	52.20
4	17400.00	54.77 AV	69.09	-14.32	1.21 H	271	2.57	52.20

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5800.00	111.24 PK			1.00 V	248	73.81	37.43
1	*5800.00	100.18 AV			1.00 V	248	62.75	37.43
2	5850.00	80.15 PK	91.24	-11.09	1.00 V	248	42.68	37.47
2	5850.00	70.15 AV	80.18	-10.03	1.00 V	248	32.68	37.47
3	#11600.00	56.65 PK	74.00	-17.35	1.26 V	272	11.13	45.52
3	#11600.00	42.76 AV	54.00	-11.24	1.26 V	272	-2.76	45.52
4	17400.00	72.09 PK	91.24	-19.15	1.39 V	273	19.89	52.20
4	17400.00	57.09 AV	80.18	-23.09	1.39 V	273	4.89	52.20

NOTE:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB).
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.
6. "#"The radiated frequency falling in the restricted band.

5.2.12 TEST RESULTS (MODE 6)

EUT	Wireless 11a+g mini-PCI	**MODEL**	WMIA-105AG
FREQUENCY RANGE	Below 1000MHz	**DETECTOR FUNCTION**	Quasi-Peak
ENVIRONMENTAL CONDITIONS	24deg. C, 60%RH, 991hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Martin Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	67.24	35.23 QP	40.00	-4.77	1.88 H	16	29.09	6.14
2	99.88	25.93 QP	43.50	-17.57	1.47 H	196	15.44	10.49
3	166.61	29.86 QP	43.50	-13.64	1.71 H	165	19.32	10.54
4	186.87	28.11 QP	43.50	-15.39	1.39 H	176	17.90	10.21
5	192.00	28.21 QP	43.50	-15.29	1.78 H	315	17.90	10.31
6	200.50	38.40 QP	43.50	-5.10	1.00 H	25	27.90	10.50
7	220.86	34.27 QP	46.00	-11.73	1.35 H	143	22.36	11.91
8	233.79	31.46 QP	46.00	-14.54	1.63 H	241	18.66	12.80
9	240.04	33.74 QP	46.00	-12.26	1.72 H	330	20.51	13.23
10	300.76	37.43 QP	46.00	-8.57	1.44 H	223	21.13	16.30
11	382.30	37.05 QP	46.00	-8.95	1.00 H	220	18.39	18.66
12	400.94	40.92 QP	46.00	-5.08	1.10 H	291	21.48	19.44
13	503.00	28.89 QP	46.00	-17.11	1.57 H	2	6.90	21.99
14	800.50	31.66 QP	46.00	-14.34	1.60 H	160	4.45	27.21

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
FREQUENCY RANGE	Below 1000MHz	DETECTOR FUNCTION	Quasi-Peak
ENVIRONMENTAL CONDITIONS	24deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Martin Lee		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	67.03	37.24 QP	40.00	-2.76	1.00 V	299	31.11	6.13
2	79.33	28.94 QP	40.00	-11.06	1.00 V	104	21.21	7.73
3	125.00	33.11 QP	43.50	-10.39	1.38 V	207	20.64	12.46
4	167.45	27.68 QP	43.50	-15.82	1.58 V	276	17.17	10.51
5	200.76	32.45 QP	43.50	-11.05	1.78 V	94	21.93	10.52
6	234.04	28.13 QP	46.00	-17.87	1.34 V	238	15.31	12.82
7	300.64	28.60 QP	46.00	-17.40	1.78 V	93	12.30	16.30
8	382.30	31.86 QP	46.00	-14.14	1.34 V	187	13.20	18.66
9	400.94	33.33 QP	46.00	-12.67	1.74 V	119	13.89	19.44
10	534.50	26.46 QP	46.00	-19.54	1.32 V	69	3.57	22.89

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Normal Mode	CHANNEL	1
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	#5150.00	49.52 PK	74.00	-24.48	1.32 H	125	13.09	36.43
2	*5180.00	100.37 PK			1.32 H	125	63.91	36.46
2	*5180.00	90.50 AV			1.32 H	125	54.04	36.46
3	10360.00	55.79 PK	68.30	-12.51	1.15 H	193	10.46	45.33

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	5150.00	47.09 PK	74.00	-26.91	1.08 V	235	10.66	36.43
2	*5180.00	97.94 PK			1.08 V	235	61.48	36.46
2	*5180.00	88.57 AV			1.08 V	235	52.11	36.46
3	10360.00	53.68 PK	68.30	-14.62	1.49 V	257	8.35	45.33

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency
6. “#”The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	**MODEL**	WMIA-105AG
MODE	Normal Mode	**CHANNEL**	4
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 60%RH, 991hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5240.00	99.86 PK			1.02 H	124	63.36	36.50
1	*5240.00	90.31 AV			1.02 H	124	53.81	36.50
2	10480.00	58.65 PK	68.30	-9.65	1.36 H	265	13.24	45.41
3	#15720.00	58.14 PK	74.00	-15.86	1.74 H	88	11.03	47.11
3	#15720.00	46.92 AV	54.00	-7.08	1.74 H	88	-0.19	47.11

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5240.00	97.94 PK			1.02 V	124	61.44	36.50
1	*5240.00	88.02 AV			1.02 V	124	51.52	36.50
2	10480.00	57.55 PK	68.30	-10.75	1.35 V	277	12.14	45.41
3	#15720.00	57.57 PK	74.00	-16.43	1.27 V	69	10.45	47.11
3	#15720.00	44.83 AV	54.00	-9.17	1.27 V	69	-2.29	47.11

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency
6. “#”The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Normal Mode	CHANNEL	5
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5260.00	98.31 PK			1.12 H	136	61.79	36.52
1	*5260.00	88.37 AV			1.12 H	136	51.85	36.52
2	10520.00	55.27 PK	68.30	-13.03	1.32 H	323	9.88	45.40
3	#15780.00	58.63 PK	74.00	-15.37	1.24 H	185	11.97	46.66
3	#15780.00	45.43 AV	54.00	-8.57	1.24 H	185	-1.23	46.66

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5260.00	97.96 PK			1.07 V	195	61.44	36.52
1	*5260.00	88.74 AV			1.07 V	195	52.22	36.52
2	10520.00	54.53 PK	68.30	-13.77	1.75 V	288	9.14	45.40
3	#15780.00	58.28 PK	74.00	-15.72	1.55 V	311	11.62	46.66
3	#15780.00	44.73 AV	54.00	-9.27	1.55 V	311	-1.93	46.66

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Normal Mode	CHANNEL	8
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)
1	*5320.00	100.52 PK			1.00 H	188	63.99	36.53
1	*5320.00	90.25 AV			1.00 H	188	53.72	36.53
2	#5350.00	47.20 PK	74.00	-26.80	1.00 H	188	10.70	36.50
3	#10640.00	55.13 PK	74.00	-18.87	1.14 H	289	9.76	45.37
3	#10640.00	43.13 AV	54.00	-10.87	1.14 H	289	-2.24	45.37
4	#15960.00	57.56 PK	74.00	-16.44	1.37 H	67	11.30	46.25
4	#15960.00	44.53 AV	54.00	-9.47	1.37 H	67	-1.73	46.25

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor (dB)
1	*5320.00	99.47 PK			1.20 V	1	62.94	36.53
1	*5320.00	89.20 AV			1.20 V	1	52.67	36.53
2	#5350.00	46.15 PK	74.00	-27.85	1.20 V	1	9.65	36.50
3	#10640.00	54.49 PK	74.00	-19.51	1.37 V	187	9.12	45.37
4	#15960.00	57.39 PK	74.00	-16.61	1.65 V	241	11.13	46.25
4	#15960.00	44.43 AV	54.00	-9.57	1.65 V	241	-1.83	46.25

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency
6. “#”The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Normal Mode	CHANNEL	9
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5725.00	65.99 PK	77.91	-11.92	1.28 H	213	28.87	37.12
1	5725.00	54.22 AV	67.73	-13.51	1.28 H	213	17.10	37.12
2	*5745.00	97.91 PK			1.28 H	213	60.71	37.20
2	*5745.00	87.73 AV			1.28 H	213	50.53	37.20
3	#11490.00	55.20 PK	74.00	-18.80	1.44 H	196	9.44	45.76
3	#11490.00	43.13 AV	54.00	-10.87	1.44 H	196	-2.63	45.76

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5725.00	70.21 PK	80.88	-10.67	1.10 V	129	33.09	37.12
1	5725.00	61.22 AV	71.42	-10.20	1.10 V	129	24.10	37.12
2	*5745.00	100.88 PK			1.10 V	129	63.68	37.20
2	*5745.00	91.42 AV			1.10 V	129	54.22	37.20
3	#11490.00	57.83 PK	74.00	-16.17	1.33 V	277	12.07	45.76
3	#11490.00	43.93 AV	54.00	-10.07	1.33 V	277	-1.83	45.76

NOTE:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB).
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Normal Mode	CHANNEL	11
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	97.67 PK			1.80 H	183	60.30	37.37
1	*5785.00	87.63 AV			1.80 H	183	50.26	37.37
2	#11570.00	55.06 PK	74.00	-18.94	1.41 H	239	9.47	45.59
2	#11570.00	43.05 AV	54.00	-10.95	1.41 H	239	-2.54	45.59

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	100.60 PK			1.27 V	126	63.23	37.37
1	*5785.00	90.64 AV			1.27 V	126	53.27	37.37
2	#11570.00	56.85 PK	74.00	-17.15	1.31 V	277	11.26	45.59
2	#11570.00	43.59 AV	54.00	-10.41	1.31 V	277	-2.00	45.59

NOTE:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB).
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Normal Mode	CHANNEL	13
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	98.56 PK			1.74 H	199	61.11	37.45
1	*5825.00	88.72 AV			1.74 H	199	51.27	37.45
2	5850.00	68.40 PK	78.56	-10.16	1.74 H	199	30.93	37.47
3	#11650.00	54.70 PK	74.00	-19.30	1.29 H	280	9.21	45.49
3	#11650.00	42.78 AV	54.00	-11.22	1.29 H	280	-2.71	45.49
4	17475.00	65.77 PK	78.56	-12.79	1.22 H	276	12.88	52.89
4	17475.00	52.50 AV	68.72	-16.22	1.22 H	276	-0.39	52.89

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	102.47 PK			1.45 V	86	65.02	37.45
1	*5825.00	92.75 AV			1.45 V	86	55.30	37.45
2	5850.00	69.40 PK	82.47	-13.07	1.45 V	86	31.93	37.47
3	#11650.00	54.86 PK	74.00	-19.14	1.09 V	145	9.37	45.49
3	#11650.00	43.33 AV	54.00	-10.67	1.09 V	145	-2.16	45.49
4	17475.00	66.73 PK	82.47	-15.74	1.32 V	270	13.84	52.89
4	17475.00	55.95 AV	72.75	-16.80	1.32 V	270	3.06	52.89

NOTE:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB).
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Turbo Mode	CHANNEL	1
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	#5150.00	47.59 PK	74.00	-26.41	1.60 H	188	11.16	36.43
2	*5210.00	97.77 PK			1.60 H	188	61.29	36.48
2	*5210.00	87.03 AV			1.60 H	188	50.55	36.48
3	10420.00	63.28 PK	68.30	-5.02	1.11 H	298	17.84	45.44

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	#5150.00	48.84 PK	74.00	-25.16	1.62 V	73	12.41	36.43
2	*5210.00	99.02 PK			1.62 V	73	62.54	36.48
2	*5210.00	89.57 AV			1.62 V	73	53.09	36.48
3	10420.00	56.90 PK	68.30	-11.40	1.44 V	174	11.46	45.44

NOTE:

1. Emission level = Raw value+ Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Turbo Mode	CHANNEL	2
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5250.00	97.65 PK			1.66 H	201	61.14	36.51
1	*5250.00	89.24 AV			1.66 H	201	52.73	36.51
2	10500.00	53.24 PK	68.30	-15.06	1.62 H	211	7.84	45.40

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5250.00	99.14 PK			1.55 V	277	62.63	36.51
1	*5250.00	89.78 AV			1.55 V	277	53.27	36.51
2	10500.00	55.32 PK	68.30	-12.98	1.77 V	170	9.92	45.40

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “#”The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Turbo Mode	CHANNEL	3
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5290.00	98.65 PK			1.53 H	197	62.11	36.54
1	*5290.00	88.97 AV			1.53 H	197	52.43	36.54
2	#5350.00	49.41 PK	74.00	-24.59	1.53 H	197	12.91	36.50
2	#5350.00	39.37 AV	54.00	-14.63	1.53 H	197	2.87	36.50
3	10580.00	62.19 PK	68.30	-6.11	1.21 H	81	16.80	45.38

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5290.00	99.68 PK			1.44 V	218	63.14	36.54
1	*5290.00	89.47 AV			1.44 V	218	52.93	36.54
2	#5350.00	51.44 PK	74.00	-22.56	1.44 V	218	14.94	36.50
2	#5350.00	40.23 AV	54.00	-13.77	1.44 V	218	3.73	36.50
3	10580.00	55.12 PK	68.30	-13.18	1.72 V	92	9.74	45.38

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor = Ant. Factor + Cable loss
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. "*" : Fundamental frequency
6. "#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	MODEL	WMIA-105AG
MODE	Turbo Mode	CHANNEL	4
FREQUENCY RANGE	Above 1000 MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 60%RH, 991hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	5725.00	68.21 PK	78.54	-10.33	1.61 H	210	31.09	37.12
1	5725.00	57.98 AV	68.08	-10.10	1.61 H	210	20.86	37.12
2	*5760.00	98.54 PK			1.61 H	210	61.27	37.27
2	*5760.00	88.08 AV			1.61 H	210	50.81	37.27
3	#11520.00	64.16 PK	74.00	-9.84	1.16 H	322	18.46	45.70
3	#11520.00	52.13 AV	54.00	-1.87	1.16 H	322	6.43	45.70

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	5725.00	68.54 PK	79.17	-10.63	1.70 V	66	31.42	37.12
1	5725.00	58.96 AV	69.78	-10.82	1.70 V	66	21.84	37.12
2	*5760.00	99.17 PK			1.70 V	66	61.90	37.27
2	*5760.00	89.78 AV			1.70 V	66	52.51	37.27
3	#11520.00	55.76 PK	74.00	-18.24	1.55 V	168	10.06	45.70
3	#11520.00	43.41 AV	54.00	-10.59	1.55 V	168	-2.29	45.70

NOTE:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB).
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.

. 6."#"The radiated frequency falling in the restricted band.

EUT	Wireless 11a+g mini-PCI	**MODEL**	WMIA-105AG
MODE	Turbo Mode	**CHANNEL**	5
FREQUENCY RANGE	Above 1000 MHz	**DETECTOR FUNCTION**	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	20deg. C, 60%RH, 991hPa	**INPUT POWER (SYSTEM)**	120Vac, 60Hz
TESTED BY	Hardaway Lee		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5800.00	96.99 PK			1.64 H	198	59.56	37.43
1	*5800.00	88.46 AV			1.64 H	198	51.03	37.43
2	5850.00	68.97 PK	76.99	-8.02	1.64 H	198	31.50	37.47
3	#11600.00	55.14 PK	74.00	-18.86	1.66 H	209	9.62	45.52
3	#11600.00	43.27 AV	54.00	-10.73	1.66 H	209	-2.25	45.52

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB)
1	*5800.00	98.44 PK			1.60 V	121	61.01	37.43
1	*5800.00	88.65 AV			1.60 V	121	51.22	37.43
2	5850.00	70.15 PK	78.44	-8.29	1.60 V	121	32.68	37.47
3	#11600.00	55.98 PK	74.00	-18.02	1.72 V	169	10.46	45.52
3	#11600.00	34.62 AV	54.00	-19.38	1.72 V	169	-10.90	45.52

NOTE:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB).
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.
6. "#"The radiated frequency falling in the restricted band.

for frequency 5.15~5.35GHZ

5.3 PEAK TRANSMIT POWER MEASUREMENT

5.3.1 LIMITS OF PEAK TRANSMIT POWER MEASUREMENT

Frequency Band	Limit
5.15 – 5.25GHz	The lesser of 50mW (17dBm) or 4dBm + 10logB
5.25 – 5.35GHz	The lesser of 250mW (24dBm) or 11dBm + 10logB
5.725 – 5.825GHz	The lesser of 1W (30dBm) or 17dBm + 10logB

NOTE: Where B is the 26dB emission bandwidth in MHz.

5.3.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
R&S SPECTRUM ANALYZER	FSEK30	100049	Aug. 12, 2004

NOTE: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

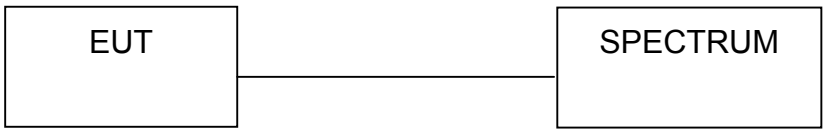
5.3.3 TEST PROCEDURE

1. The transmitter output was connected to the spectrum analyzer.
2. Set span to encompass the entire emission bandwidth of the signal.
3. Set RBW to 1MHz, VBW to 300kHz.
4. Using the spectrum analyzer's channel power measurement function to measure the output power.

5.3.4 DEVIATION FROM TEST STANDARD

No deviation

5.3.5 TEST SETUP



5.3.6 EUT OPERATING CONDITIONS

The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.

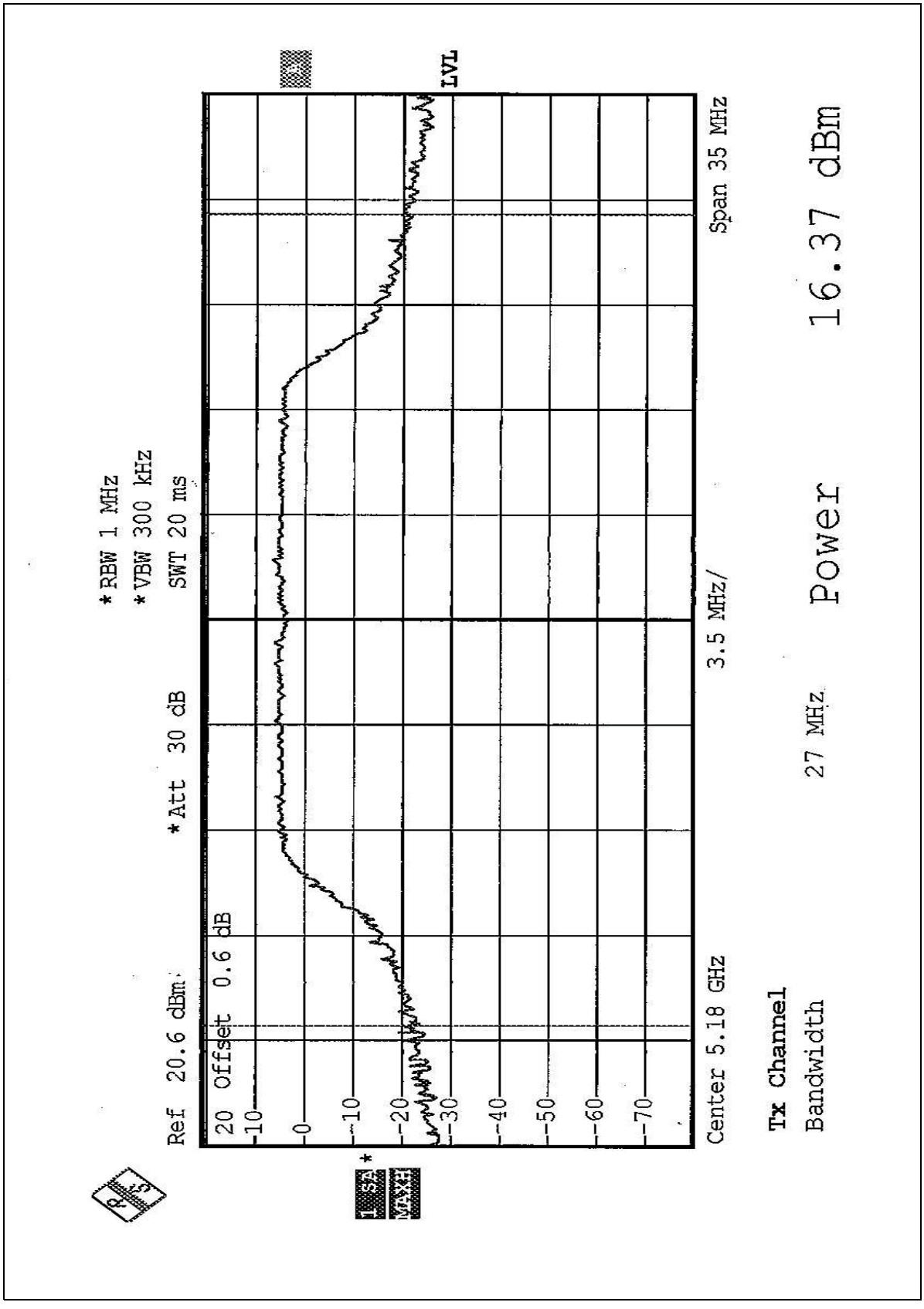
5.3.7 TEST RESULTS

EUT	Wireless 11a+g mini-PCI	**MODEL**	WMIA-105AG
MODE	Normal	**INPUT POWER (SYSTEM)**	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	27deg. C, 58%RH, 991hPa	**TESTED BY**	Ansen Lei

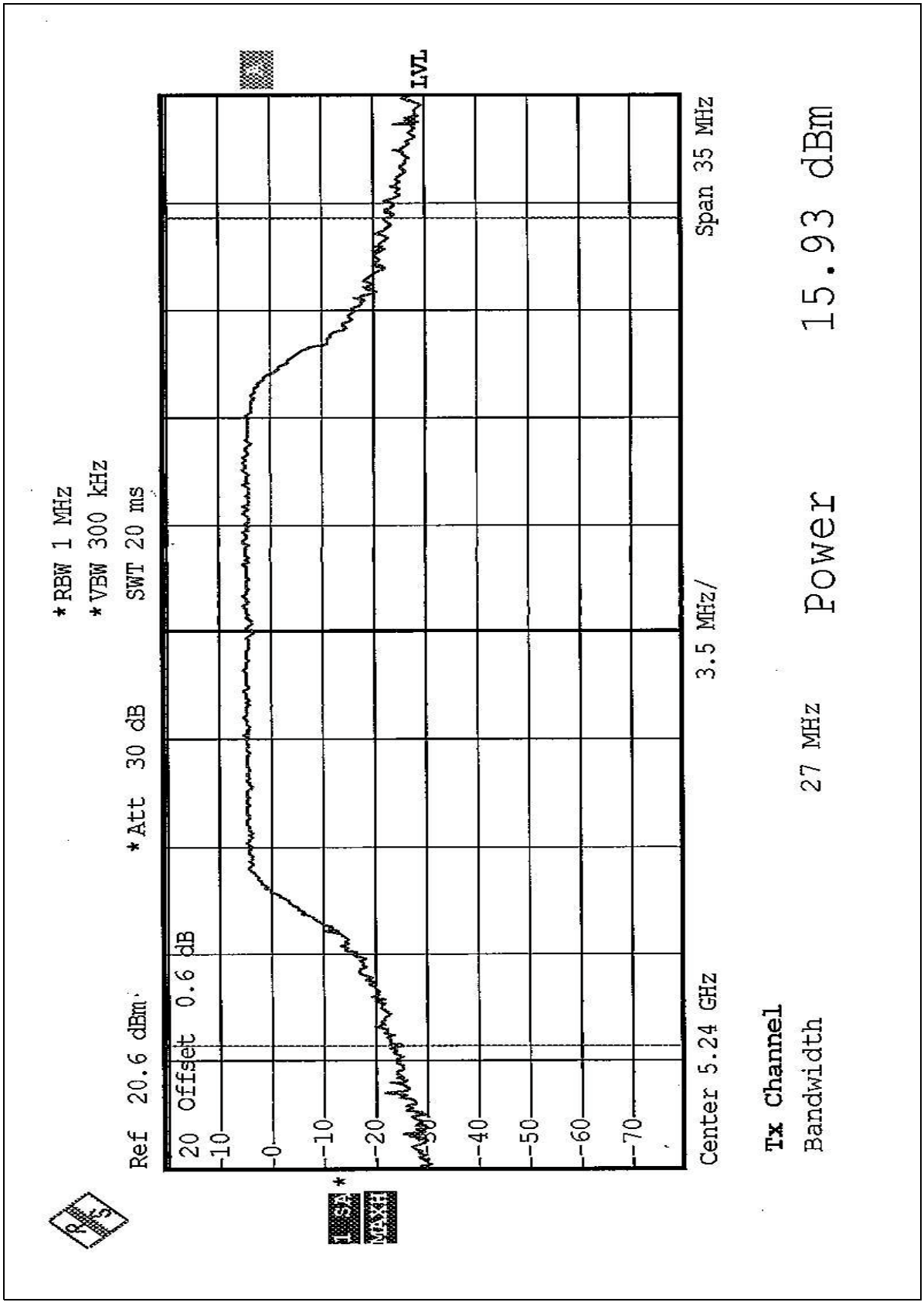
CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	26dBc Occupied Bandwidth (MHz)	PASS/FAIL
1	5180	16.37	17.00	25.44	PASS
4	5240	15.93	17.00	25.68	PASS
5	5260	15.62	24.00	26.24	PASS
8	5320	16.56	24.00	25.68	PASS

NOTE: The 26dBc Occupied Bandwidth plot, please refer to the following pages.

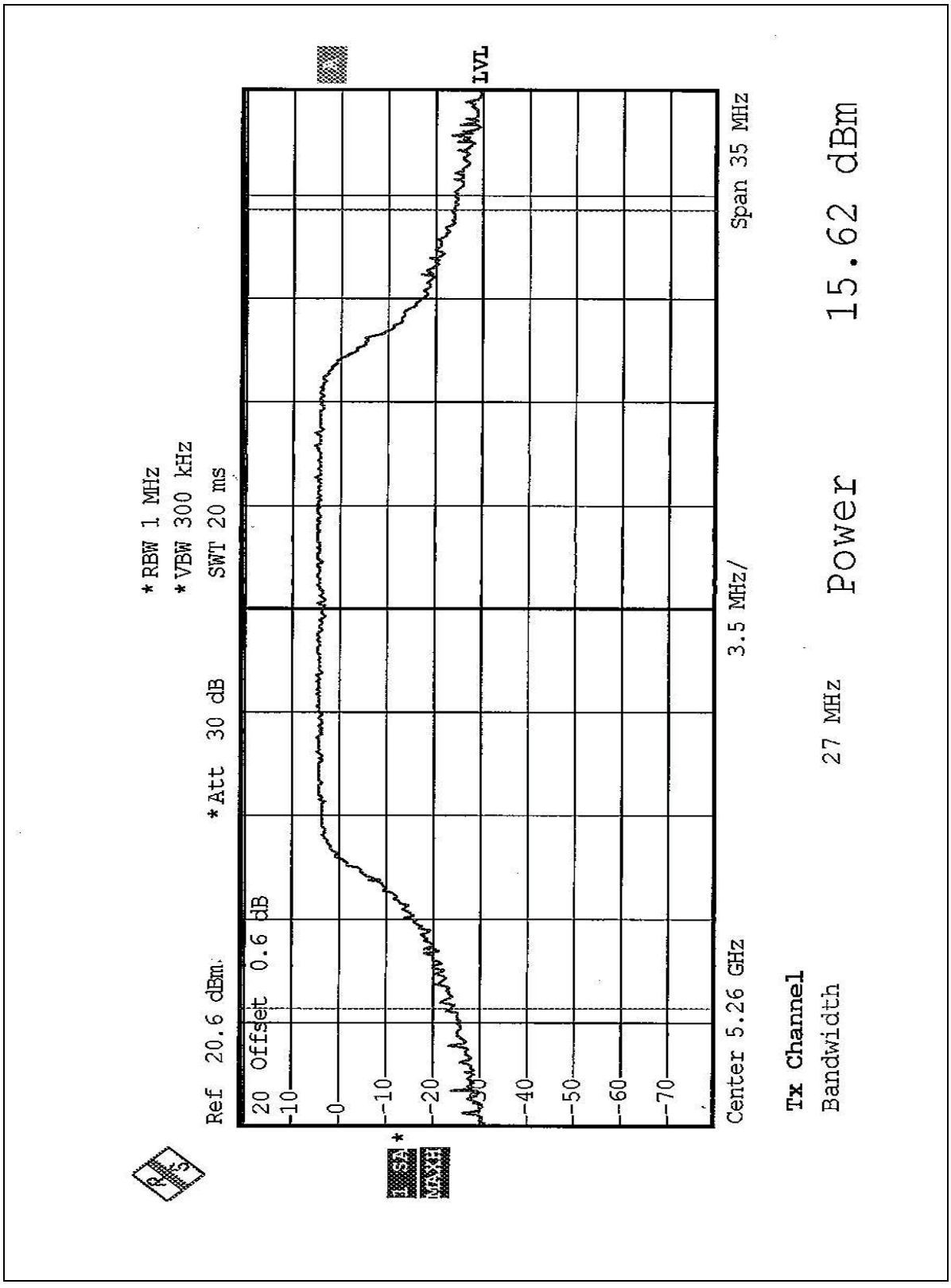
CHANNEL 1


Ref 20.6 dBm
20 Offset 0.6 dB
*Att 30 dB
*RBW 1 MHz
*VBW 300 kHz
SWT 20 ms
LVL
Center 5.18 GHz
3.5 MHz/
Span 35 MHz
Tx Channel
Bandwidth
27 MHz
Power
16.37 dBm

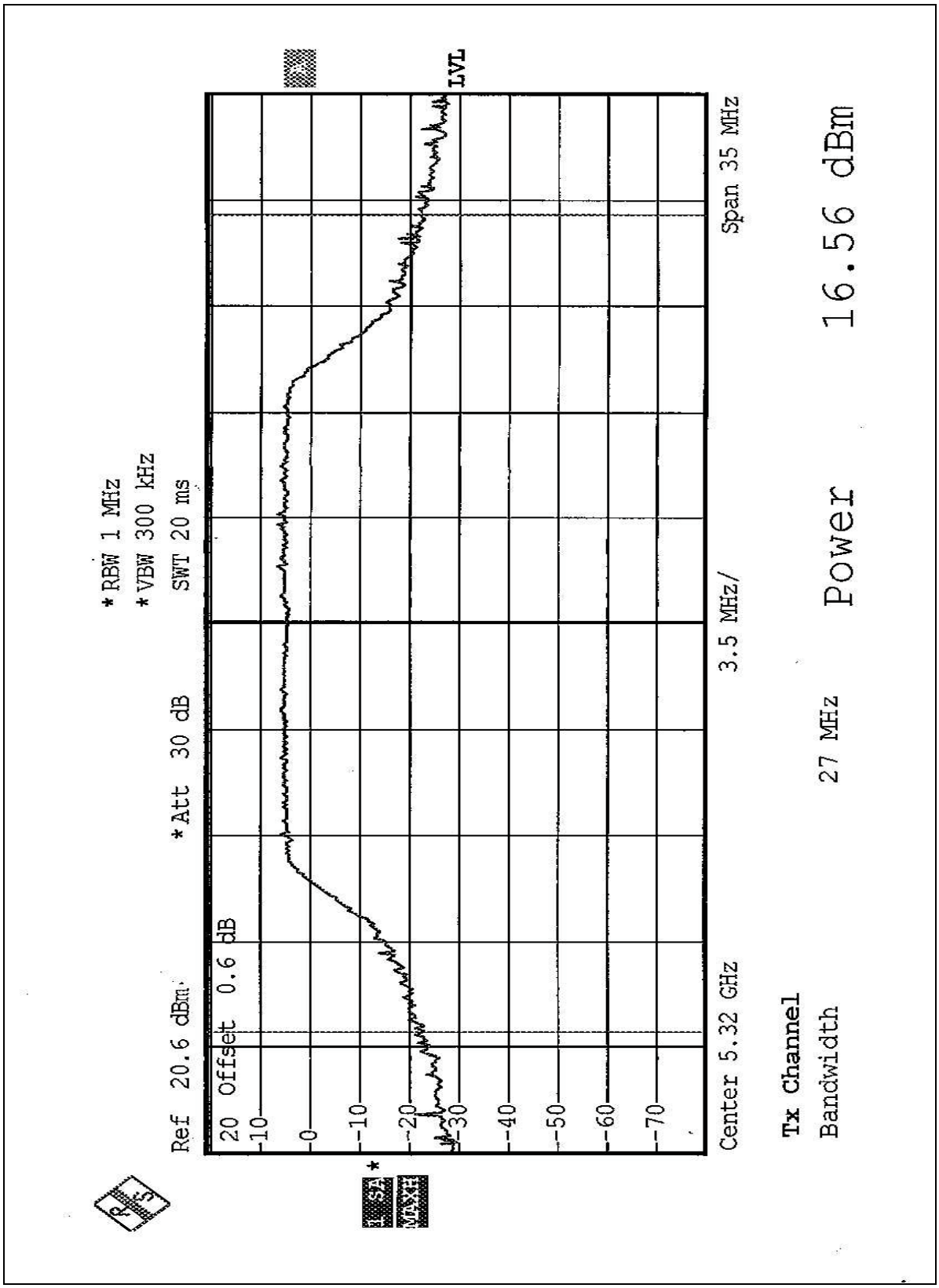
CHANNEL 4


Ref 20.6 dBm
20 Offset 0.6 dB
*Att 30 dB
*RBW 1 MHz
*VBW 300 kHz
SWT 20 ms
Center 5.24 GHz
3.5 MHz/
Span 35 MHz
Tx Channel
Bandwidth
27 MHz
Power
15.93 dBm
LVL
-10
0
-10
-20
-30
-40
-50
-60
-70

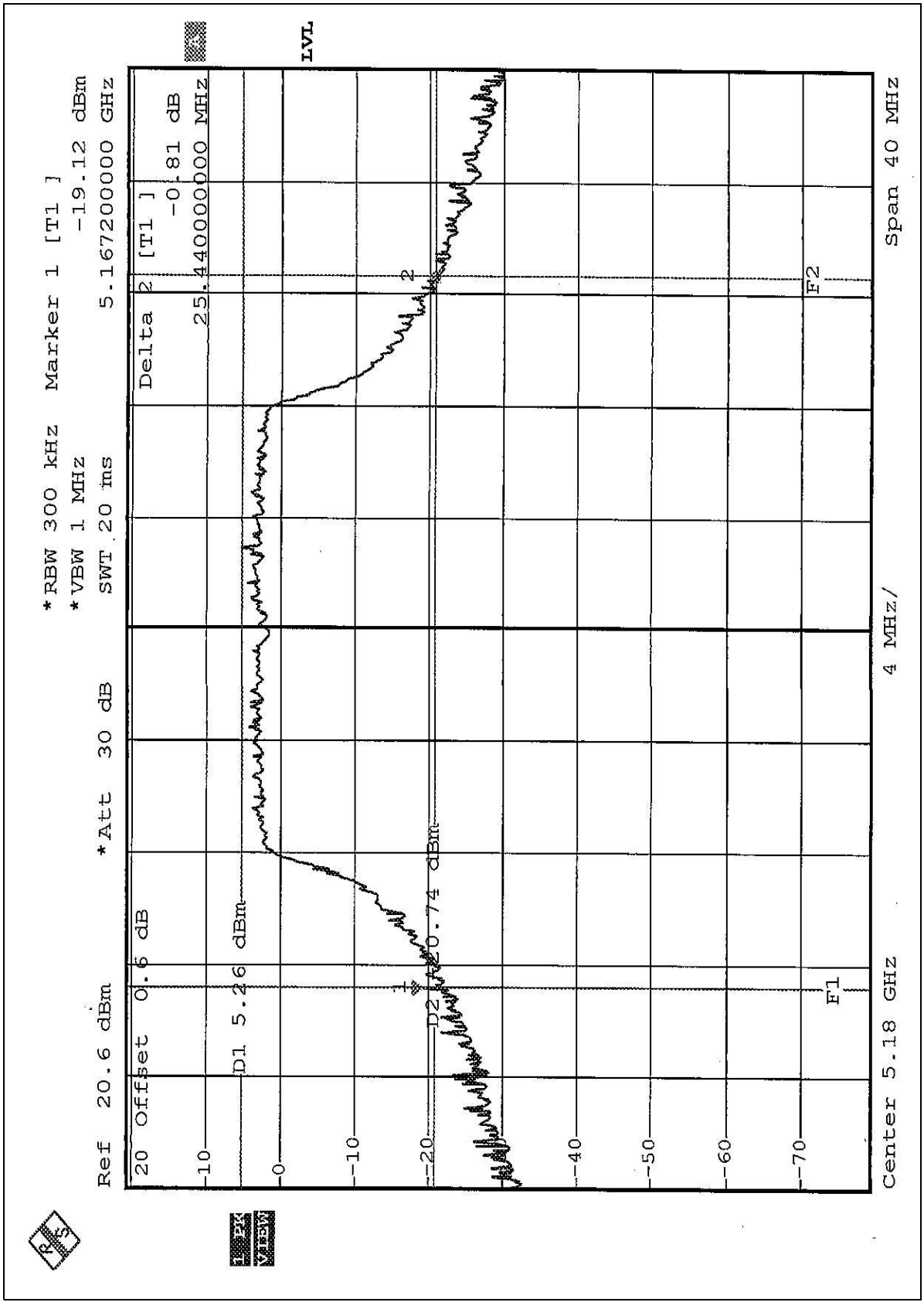
CHANNEL 5


Ref 20.6 dBm
20 Offset 0.6 dB
*Att 30 dB
*RBW 1 MHz
*VBW 300 kHz
SWT 20 ms
LVL
Center 5.26 GHz
3.5 MHz/
Span 35 MHz
Tx Channel
Bandwidth
27 MHz
Power
15.62 dBm

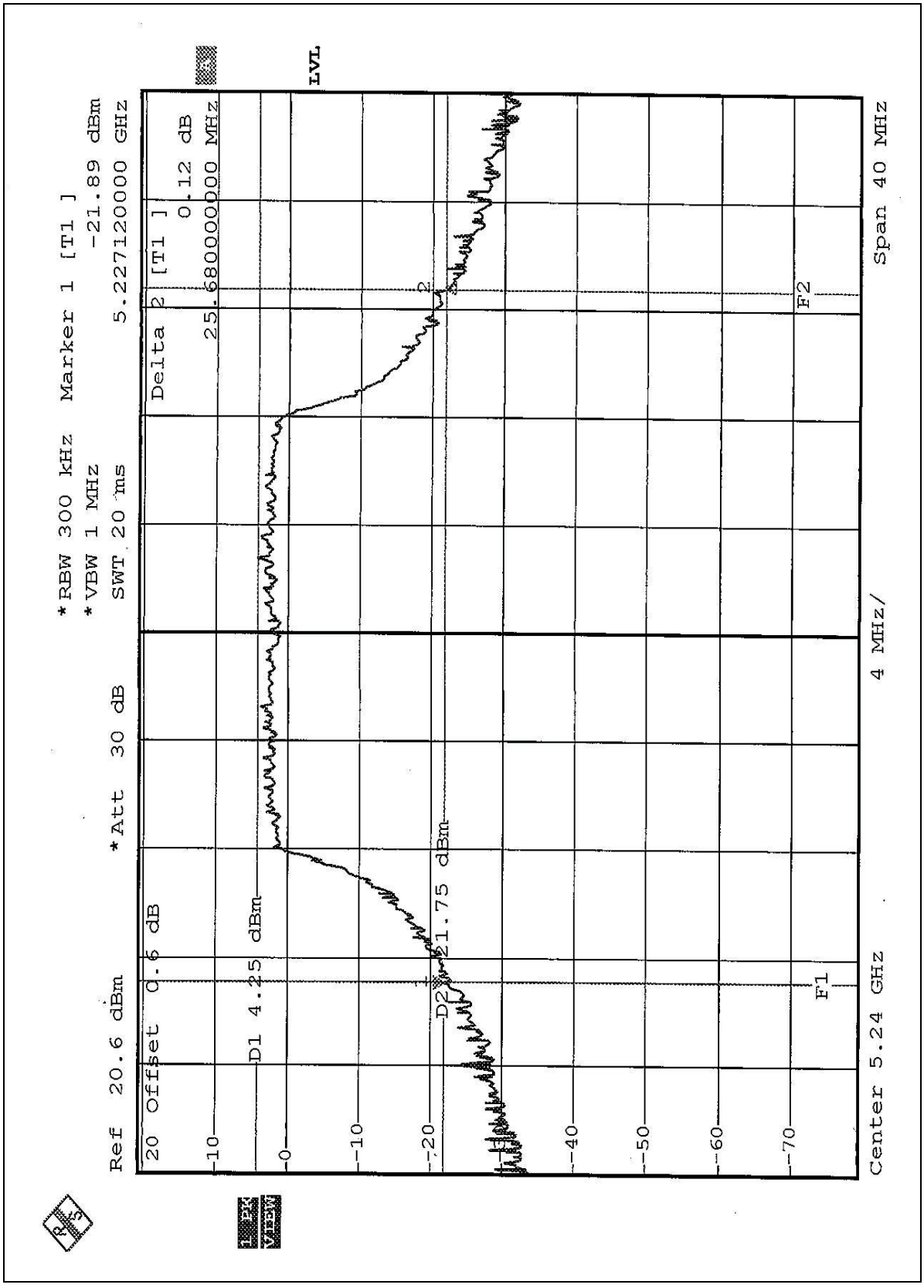
CHANNEL 8


Ref 20.6 dBm
20 Offset 0.6 dB
10
0
-10
-20
-30
-40
-50
-60
-70
* RBW 1 MHz
* VBW 300 kHz
* Att 30 dB
SWT 20 ms
Center 5.32 GHz
3.5 MHz/
Span 35 MHz
Tx Channel
Bandwidth
27 MHz
Power
16.56 dBm
LVL

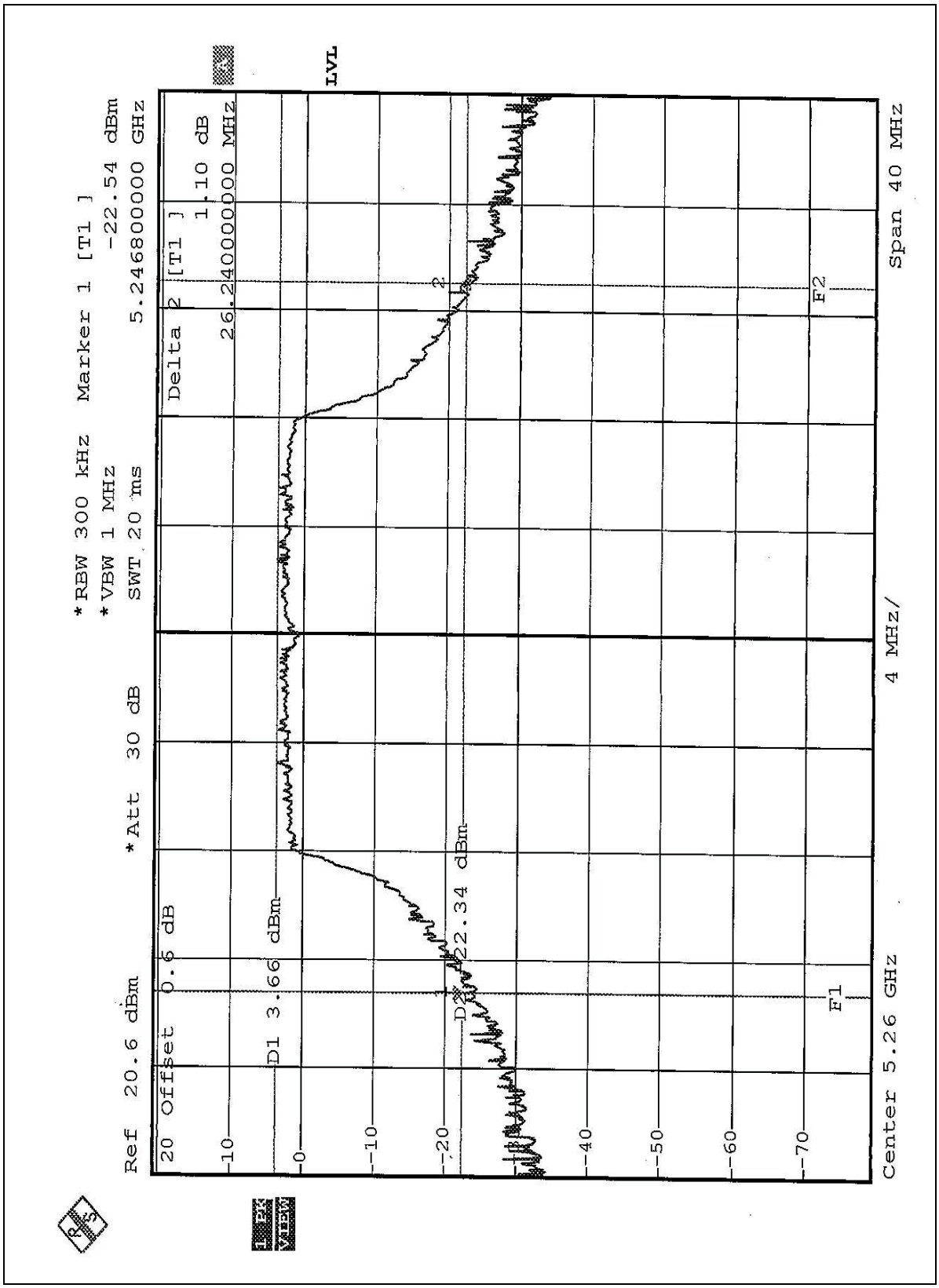
CHANNEL 1


*RBW 300 kHz
*VBW 1 MHz
SWT 20 ms
Marker 1 [T1]
-19.12 dBm
5.167200000 GHz
Delta 2 [T1]
-0.81 dB
25.440000000 MHz
Ref 20.6 dBm
20 Offset 0.6 dB
*Att 30 dB
D1 5.26 dBm
D2 -20.74 dBm
Center 5.18 GHz
4 MHz/
Span 40 MHz
F1
F2
PK
VIEW

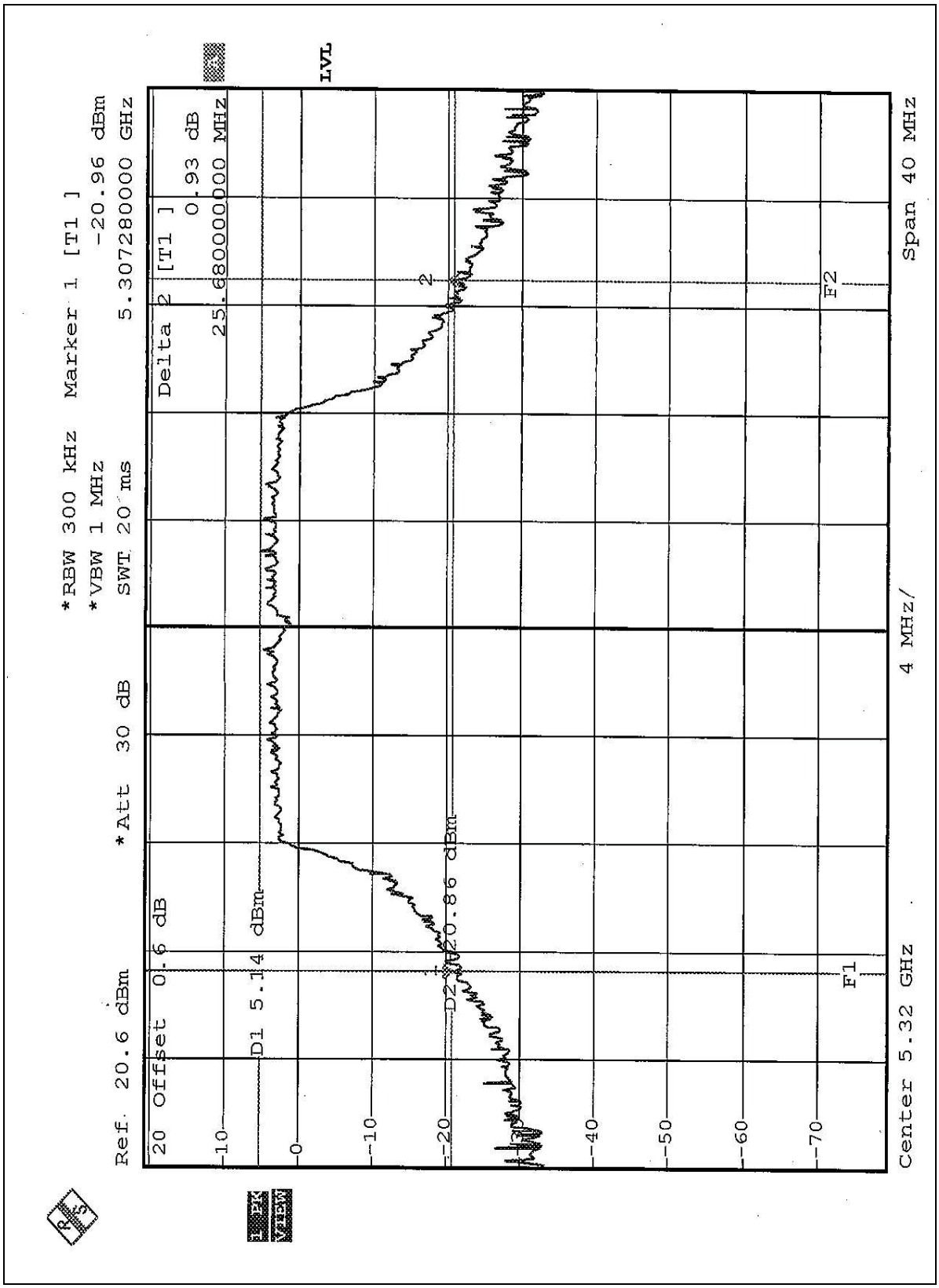
CHANNEL 4


Ref 20.6 dBm
20 Offset 0.6 dB
*Att 30 dB
*RBW 300 kHz
*VBW 1 MHz
SWT 20 ms
Marker 1 [T1]
-21.89 dBm
5.227120000 GHz
Delta 2 [T1]
0.12 dB
25.680000000 MHz
D1 4.25 dBm
D2 -21.75 dBm
F1
F2
Center 5.24 GHz
4 MHz/
Span 40 MHz

CHANNEL 5


Ref 20.6 dBm
20 Offset 0.6 dB
*Att 30 dB
*RBW 300 kHz
*VBW 1 MHz
SWT 20 ms
Marker 1 [T1]
-22.54 dBm
5.246800000 GHz
Delta 2 [T1]
1.10 dB
26.240000000 MHz
D1 3.66 dBm
D2 22.34 dBm
LVL
Center 5.26 GHz
4 MHz/
Span 40 MHz
F1
F2

CHANNEL 8

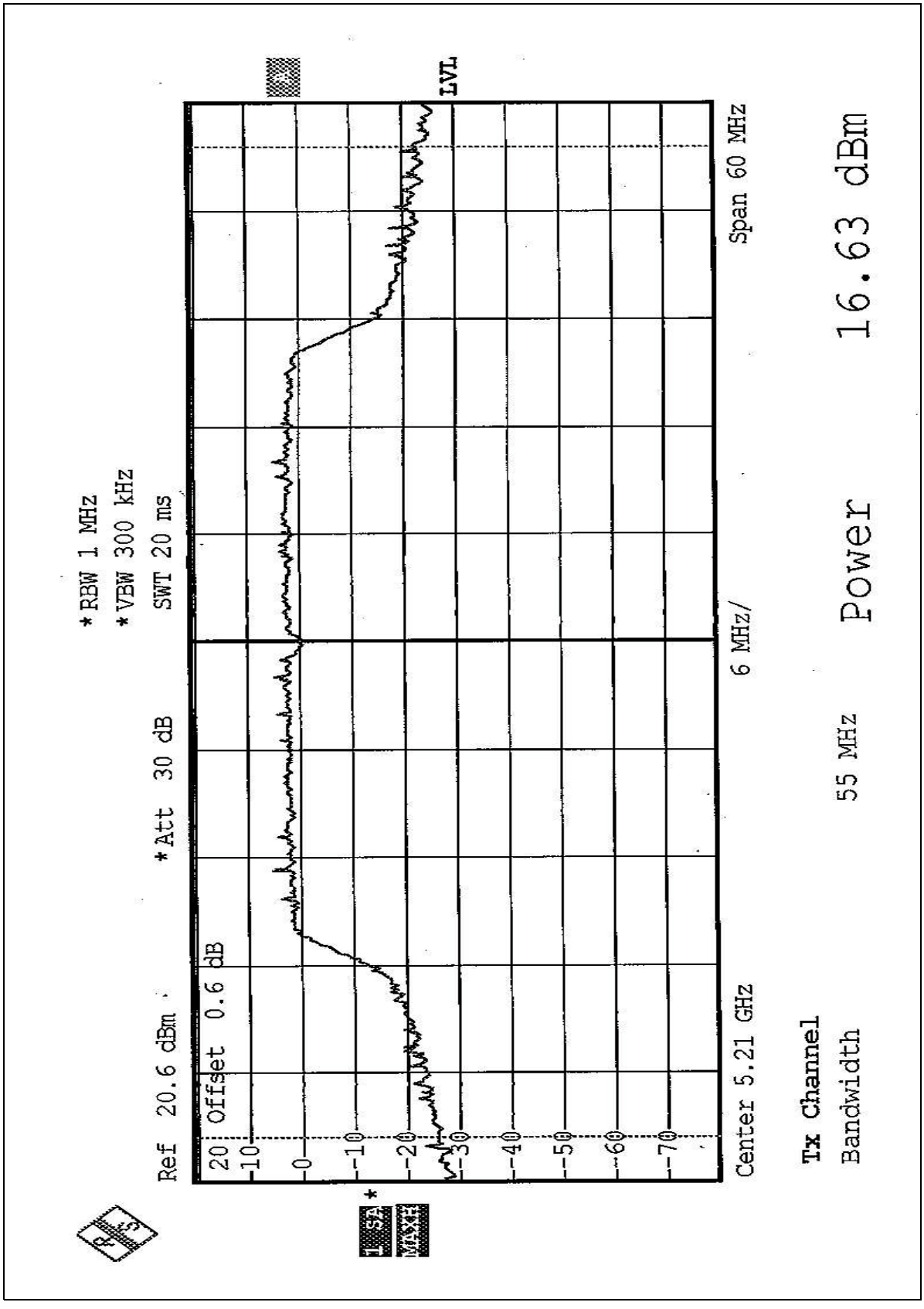

RBW 300 kHz
VBW 1 MHz
SWT 20 ms
Marker 1 [T1]
-20.96 dBm
5.307280000 GHz
Delta 2 [T1]
0.93 dB
25.680000000 MHz
Ref 20.6 dBm
Offset 0.6 dB
Att 30 dB
D1 5.14 dBm
D2 -20.86 dBm
Center 5.32 GHz
4 MHz/
Span 40 MHz
F1
F2
LVL

EUT	Wireless 11a+g mini-PCI	**MODEL**	WMIA-105AG
MODE	Turbo	**INPUT POWER (SYSTEM)**	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	27deg. C, 58%RH, 991hPa	**TESTED BY**	Ansen Lei

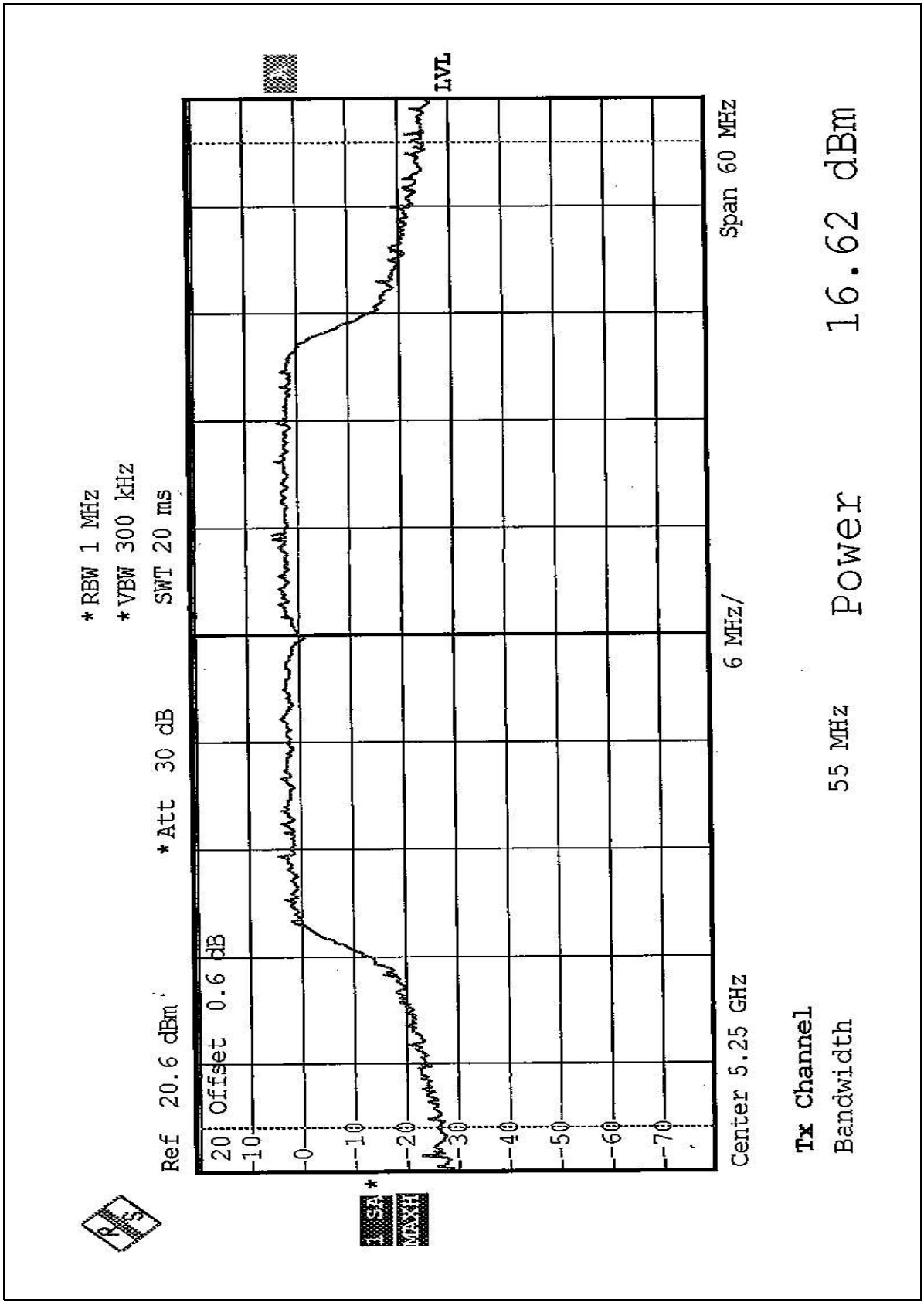
CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	26dBc Occupied Bandwidth (MHz)	PASS/FAIL
1	5210	16.63	17.00	53.04	PASS
2	5250	16.62	17.00	48.72	PASS
3	5290	17.61	24.00	53.48	PASS

NOTE: The 26dBc Occupied Bandwidth plot, please refer to the following pages.

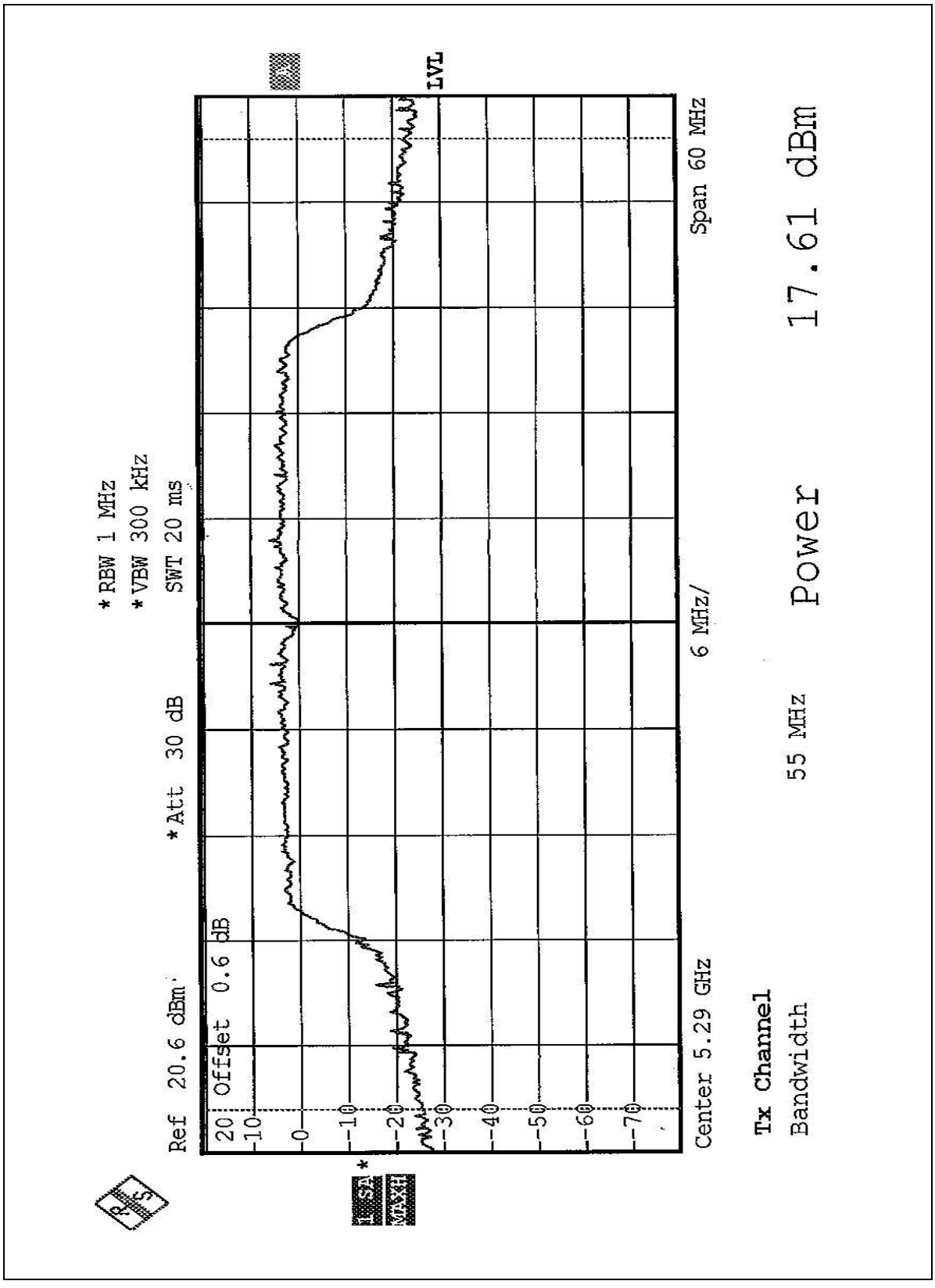
CHANNEL 1


LVL
Span 60 MHz
16.63 dBm
Power
55 MHz
6 MHz/
Center 5.21 GHz
Tx Channel
Bandwidth
Ref 20.6 dBm
Offset 0.6 dB
*Att 30 dB
SWT 20 ms
*VBW 300 kHz
*RBW 1 MHz
20
10
0
-10
-20
-30
-40
-50
-60
-70

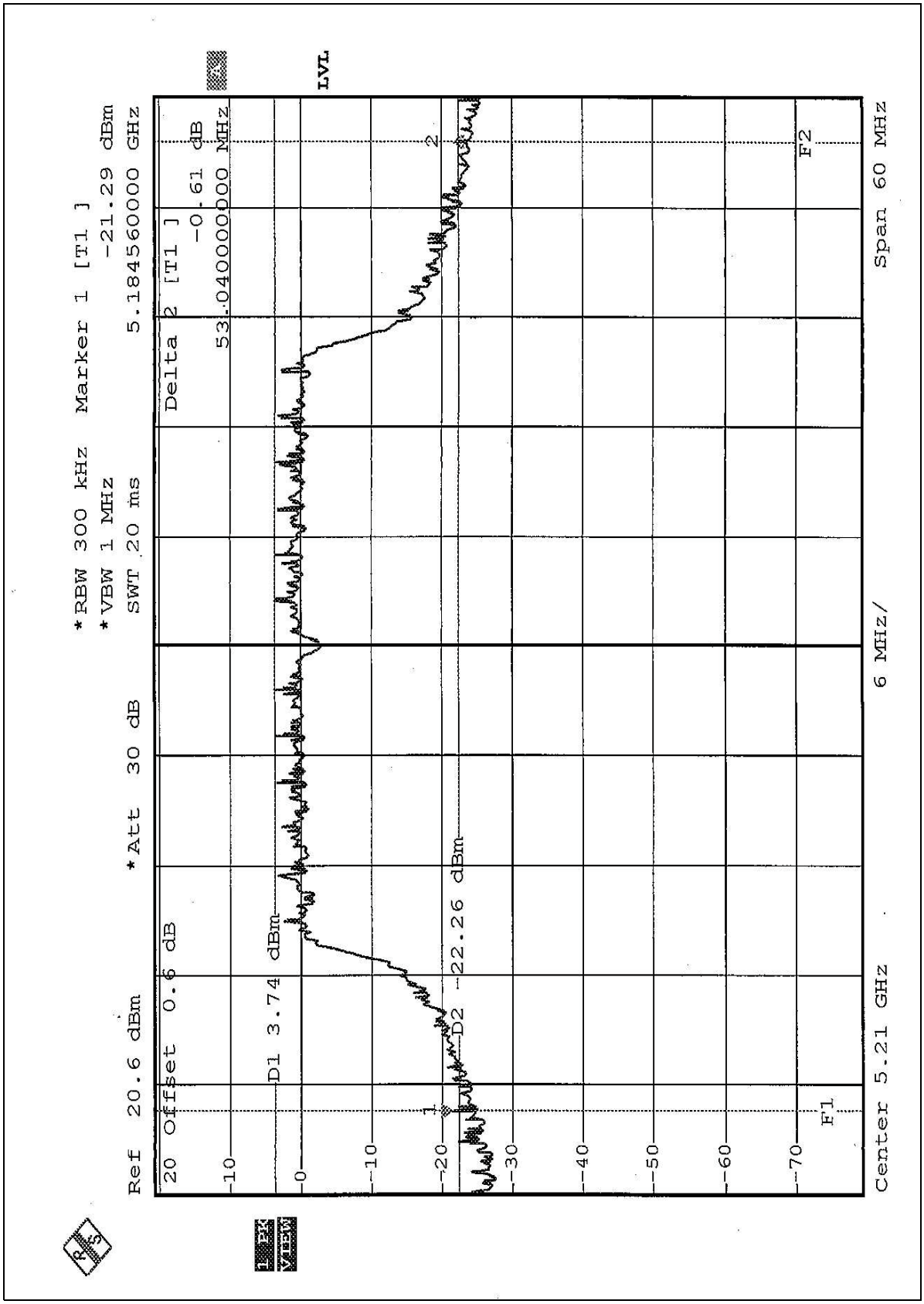
CHANNEL 2


Ref 20.6 dBm
Offset 0.6 dB
* Att 30 dB
* RBW 1 MHz
* VBW 300 kHz
SWT 20 ms
Center 5.25 GHz
6 MHz/
Span 60 MHz
Tx Channel
Bandwidth
55 MHz
Power
16.62 dBm
CLRWR
MAXH

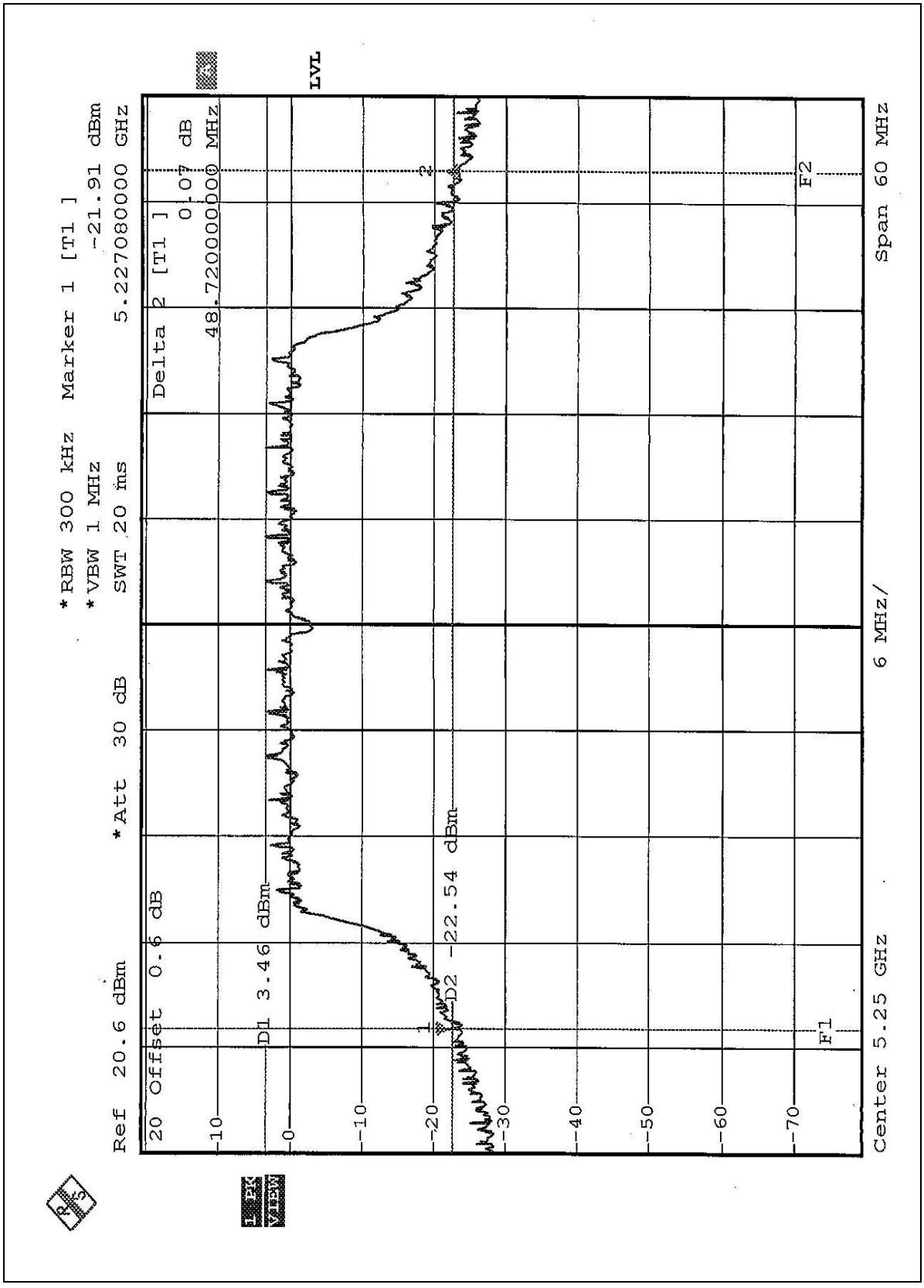
CHANNEL 3


Ref 20.6 dBm
Offset 0.6 dB
*Att 30 dB
*RBW 1 MHz
*VBW 300 kHz
SWT 20 ms
Center 5.29 GHz
6 MHz/
Span 60 MHz
Tx Channel
Bandwidth
55 MHz
Power
17.61 dBm

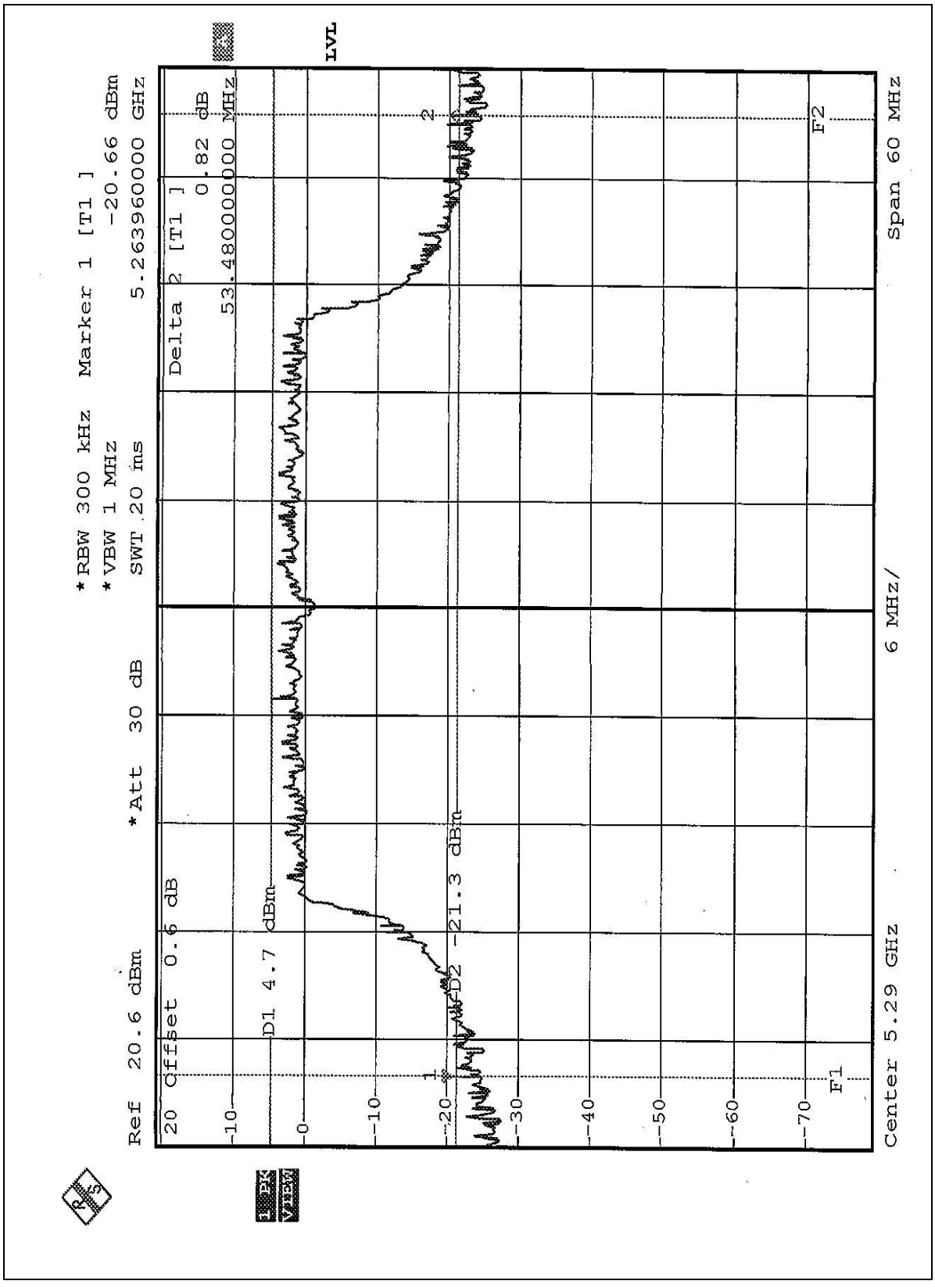
CHANNEL 1


Ref 20.6 dBm
20 Offset 0.6 dB
*Att 30 dB
*RBW 300 kHz
*VBW 1 MHz
SWT 20 ms
Marker 1 [T1]
-21.29 dBm
5.184560000 GHz
Delta 2 [T1]
-0.61 dB
53.040000000 MHz
D1 3.74 dBm
D2 -22.26 dBm
Center 5.21 GHz
6 MHz/
Span 60 MHz
LVL
F1
F2

CHANNEL 2


Ref 20.6 dBm
20 Offset 0.6 dB
*Att 30 dB
SWT 20 ms
*VBW 1 MHz
*RBW 300 kHz
Marker 1 [T1]
-21.91 dBm
5.227080000 GHz
Delta 2 [T1]
0.07 dB
48.720000000 MHz
D1 3.46 dBm
D2 -22.54 dBm
Center 5.25 GHz
6 MHz/
Span 60 MHz
F1
F2
LVL
1 PK
VIEW

CHANNEL 3


LVL
Ref 20.6 dBm
Offset 0.6 dB
*Att 30 dB
*RBW 300 kHz
*VBW 1 MHz
SWT 20 ms
Marker 1 [T1]
-20.66 dBm
5.263960000 GHz
Delta 2 [T1]
0.82 dB
53.480000000 MHz
D1 4.7 dBm
D2 -21.3 dBm
Center 5.29 GHz
6 MHz/
Span 60 MHz
F1
F2
PK
VIEW

5.4 PEAK POWER EXCURSION MEASUREMENT

5.4.1 LIMITS OF PEAK POWER EXCURSION MEASUREMENT

Frequency Band	Limit
5.15 – 5.25 GHz	13dB
5.25 – 5.35 GHz	13dB
5.725 – 5.825 GHz	13dB

5.4.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
SPECTRUM ANALYZER	FSEK30	100049	Aug. 12, 2004

NOTE: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

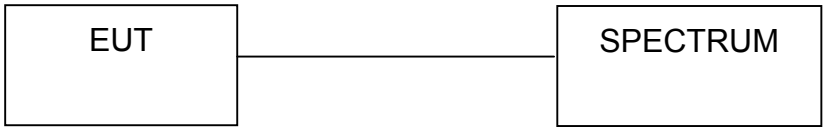
5.4.3 TEST PROCEDURE

The transmitter output was connected to the spectrum analyzer.
Set the spectrum bandwidth span to view the entire spectrum.
Using peak detector and Max-hold function for Trace 1 (RB=1MHz, VB=3MHz) and 2 (RB=1MHz, VB=300KHz).
The largest difference between Trace 1 and Trace 2 in any 1MHz band on any frequency was recorded.

5.4.4 DEVIATION FROM TEST STANDARD

No deviation

5.4.5 TEST SETUP



5.4.6 EUT OPERATING CONDITIONS

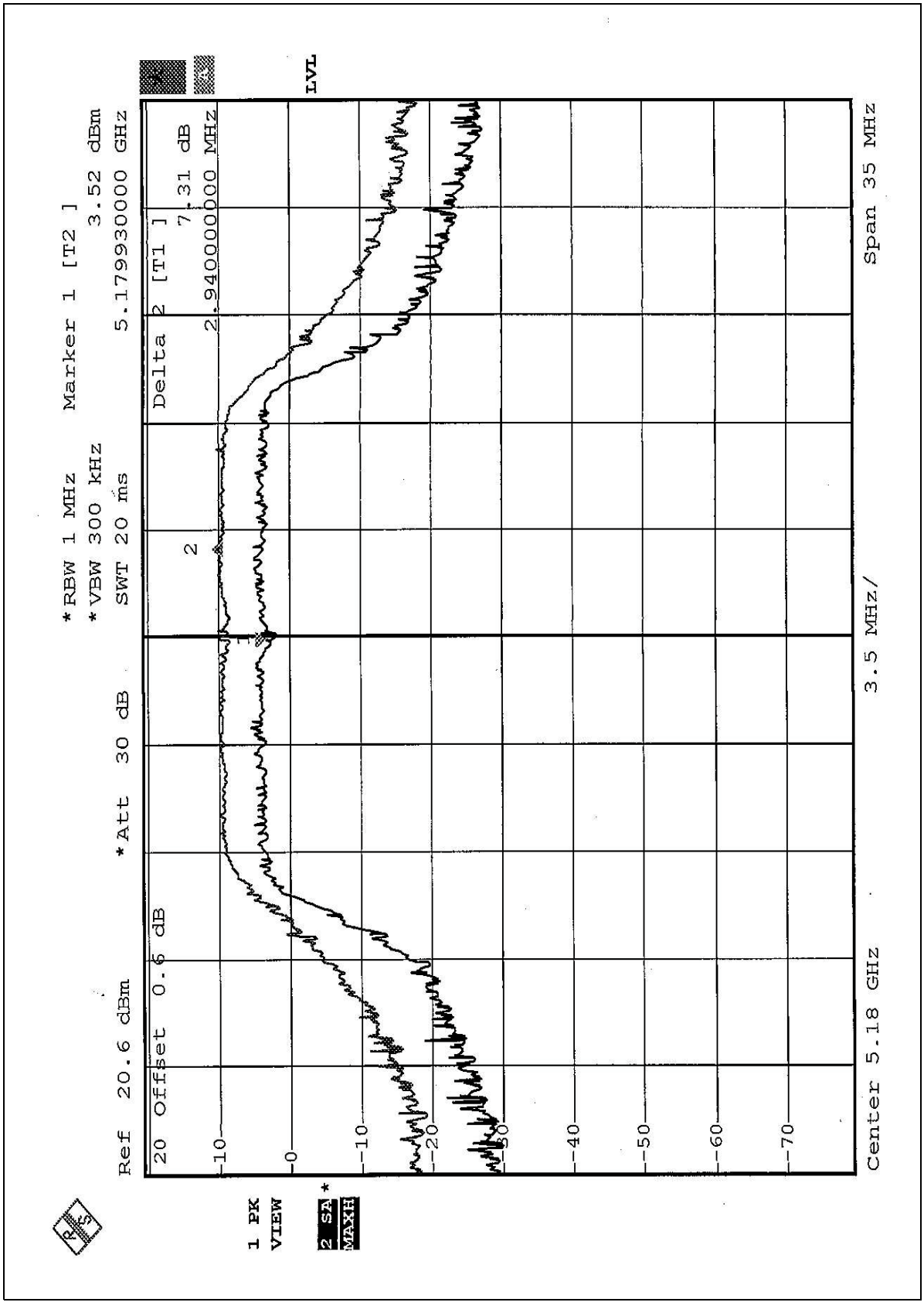
The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.

5.4.7 TEST RESULTS

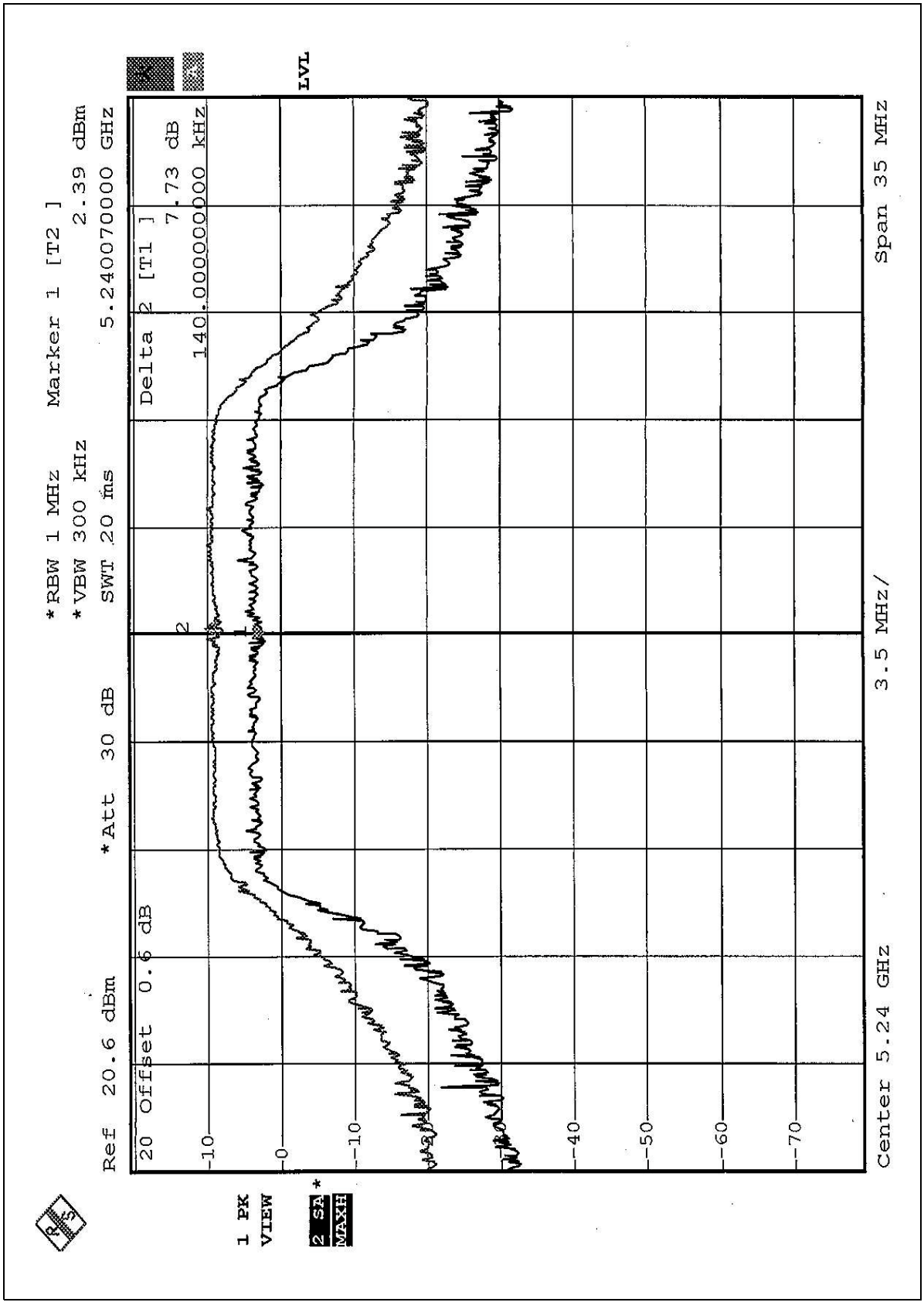
EUT	Wireless 11a+g mini-PCI	**MODEL**	WMIA-105AG
MODE	Normal	**INPUT POWER (SYSTEM)**	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	27deg. C, 58%RH, 991hPa	**TESTED BY**	Ansen Lei

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER EXCURSION (dB)	PEAK to AVERAGE EXCURSION LIMIT (dB)	PASS/FAIL
1	5180	7.31	13	PASS
4	5240	7.73	13	PASS
5	5260	7.97	13	PASS
8	5320	8.30	13	PASS

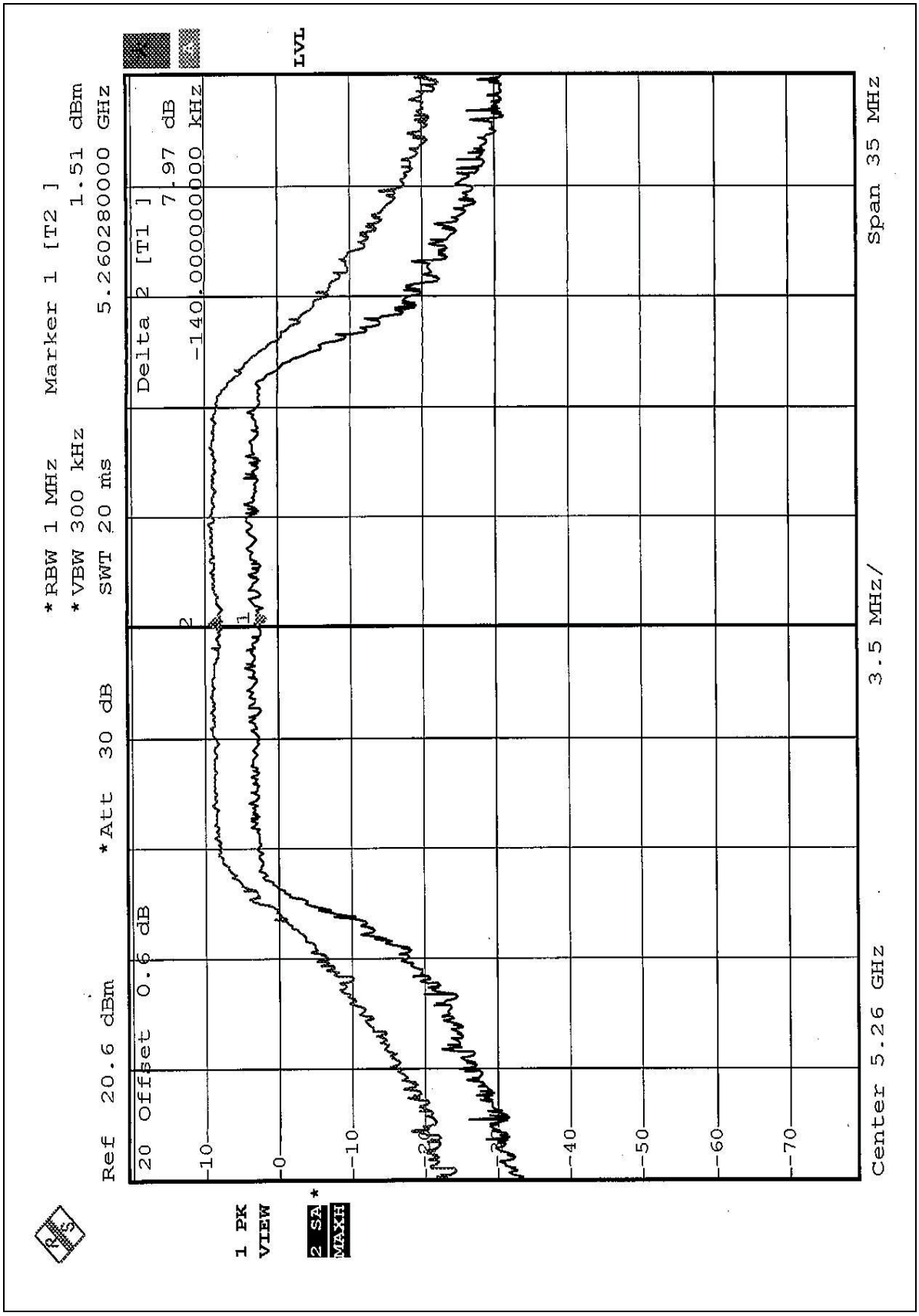
CHANNEL 1


Ref 20.6 dBm
20 Offset 0.6 dB
*Att 30 dB
*RBW 1 MHz
*VBW 300 kHz
SWT 20 ms
Marker 1 [T2]
3.52 dBm
5.179930000 GHz
Delta 2 [T1]
7.31 dB
2.940000000 MHz
LVL
Center 5.18 GHz
3.5 MHz/
Span 35 MHz
1 PK VIEW
2 SA MAXH

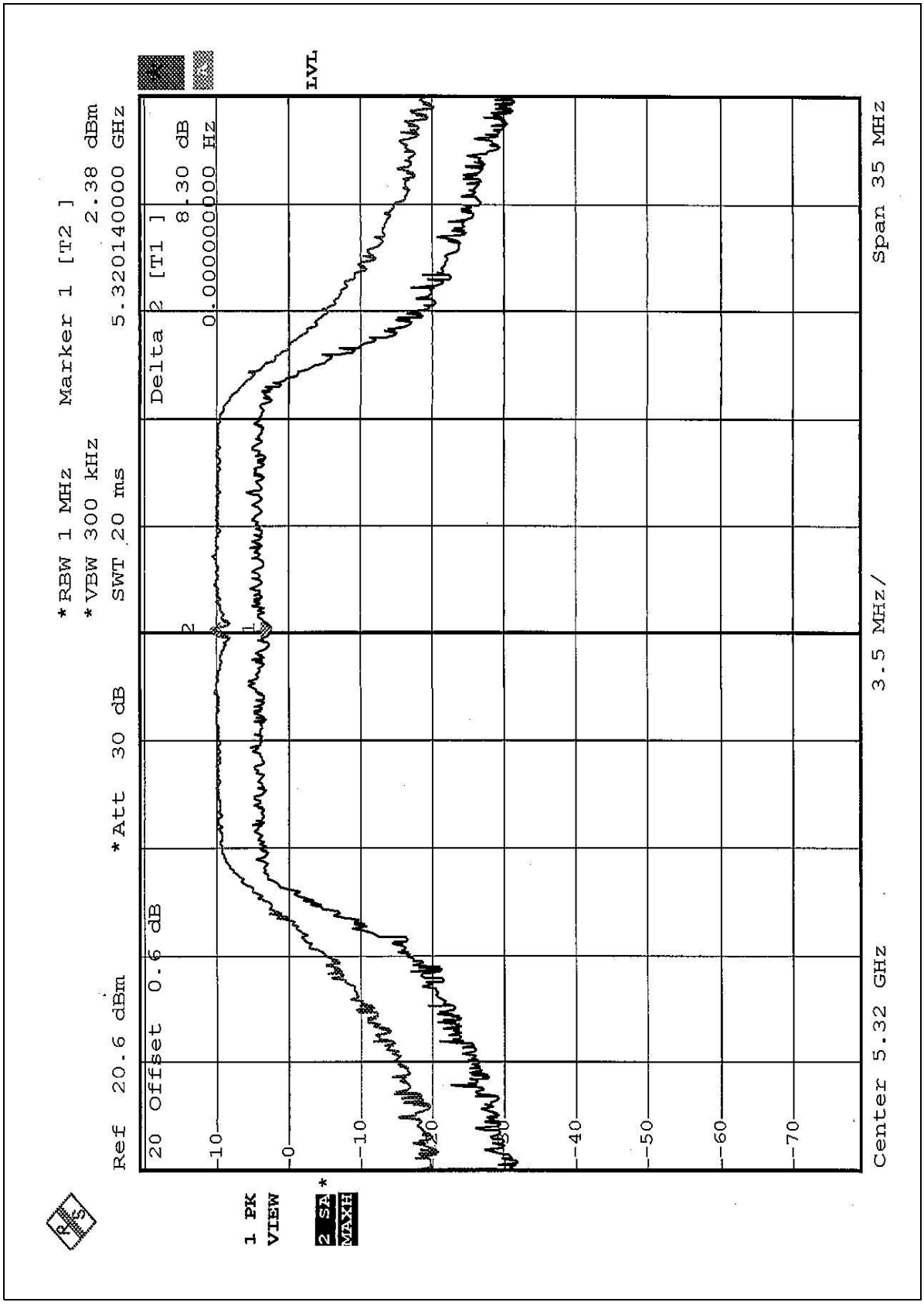
CHANNEL 4


Ref 20.6 dBm
20 Offset 0.6 dB
*Att 30 dB
*RBW 1 MHz
*VBW 300 kHz
SWT 20 ms
Marker 1 [T2]
2.39 dBm
5.240070000 GHz
Delta 2 [T1]
7.73 dB
140.000000000 kHz
Center 5.24 GHz
3.5 MHz/
Span 35 MHz
1 PK VIEW
2 SA MAXH
LVL

CHANNEL 5


Ref 20.6 dBm
20 Offset 0.6 dB
*Att 30 dB
*RBW 1 MHz
*VBW 300 kHz
SWT 20 ms
Marker 1 [T2]
1.51 dBm
5.260280000 GHz
Delta 2 [T1]
7.97 dB
-140.000000000 kHz
LVL
Center 5.26 GHz
3.5 MHz/
Span 35 MHz
1 PK VIEW
2 SA MAXH

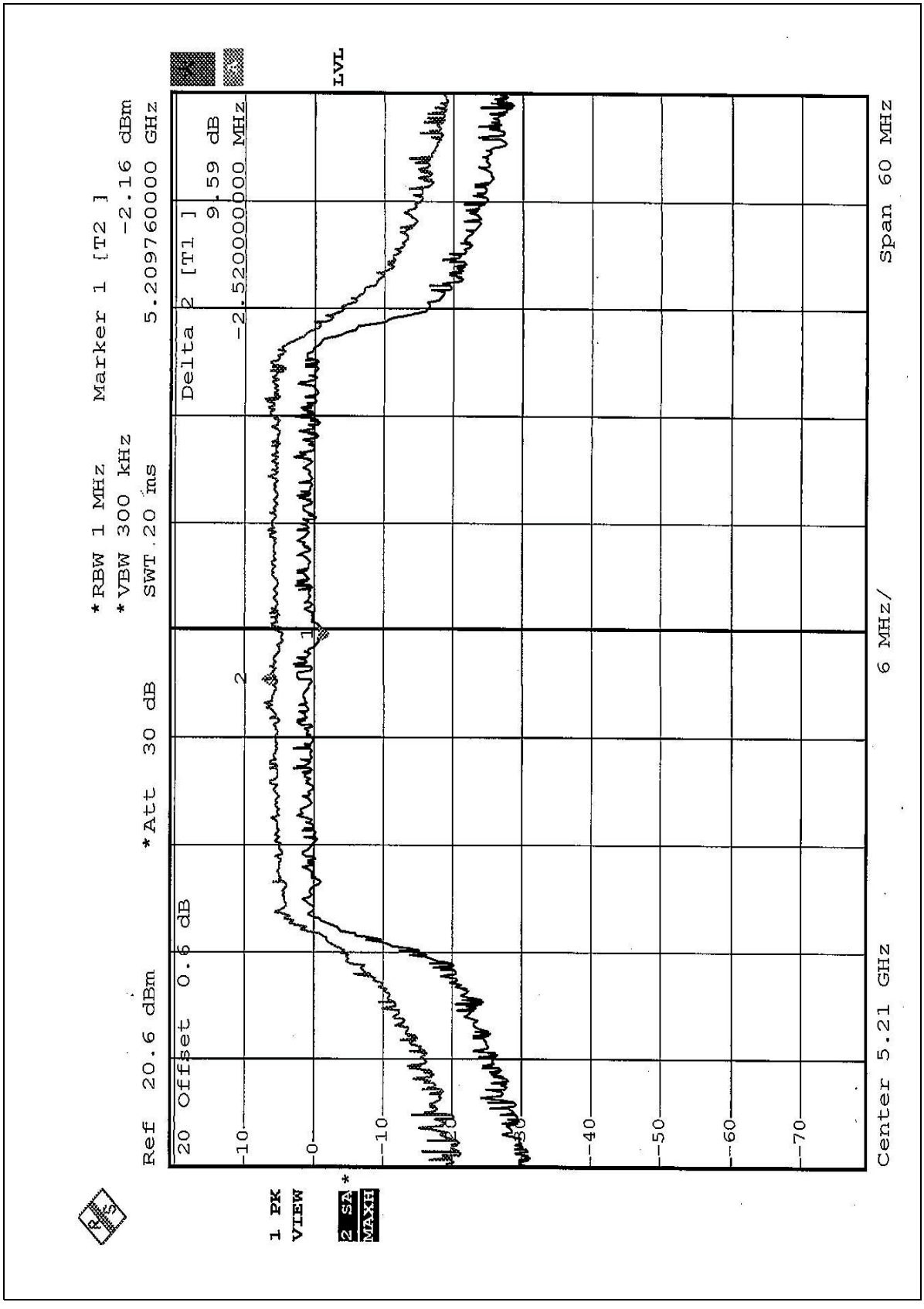
CHANNEL 8


RBW 1 MHz
VBW 300 kHz
SWT 20 ms
Marker 1 [T2]
2.38 dBm
5.320140000 GHz
Delta 2 [T1]
8.30 dB
0.000000000 Hz
Ref 20.6 dBm
20 Offset 0.6 dB
Att 30 dB
Center 5.32 GHz
3.5 MHz/
Span 35 MHz
1 PK VIEW
2 SA MAXH
LVL

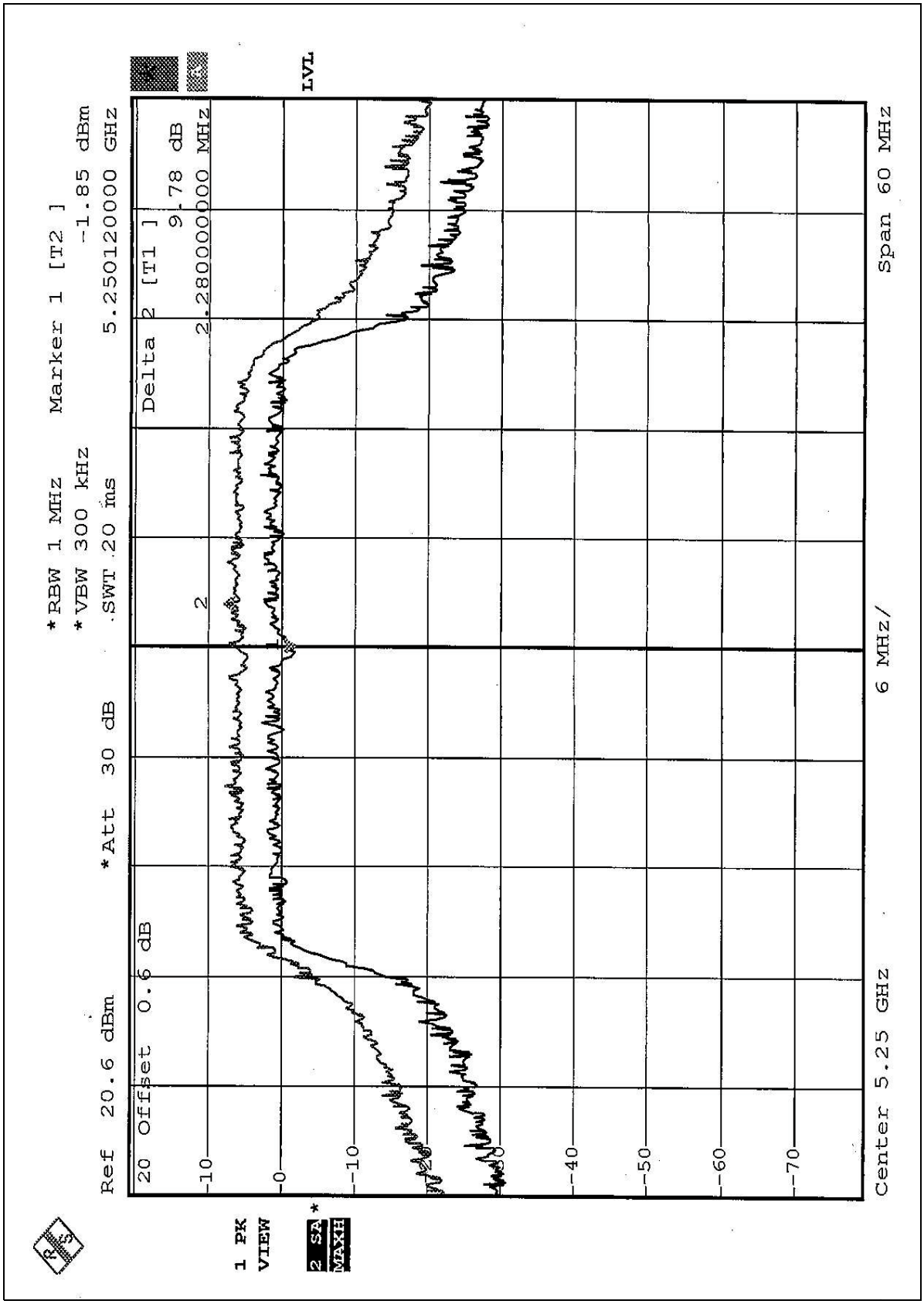
EUT	Wireless 11a+g mini-PCI	**MODEL**	WMIA-105AG
MODE	Turbo	**INPUT POWER (SYSTEM)**	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	27deg. C, 58%RH, 991hPa	**TESTED BY**	Ansen Lei

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER EXCURSION (dB)	PEAK to AVERAGE EXCURSION LIMIT (dB)	PASS/FAIL
1	5210	9.59	13	PASS
2	5250	9.78	13	PASS
3	5290	8.36	13	PASS

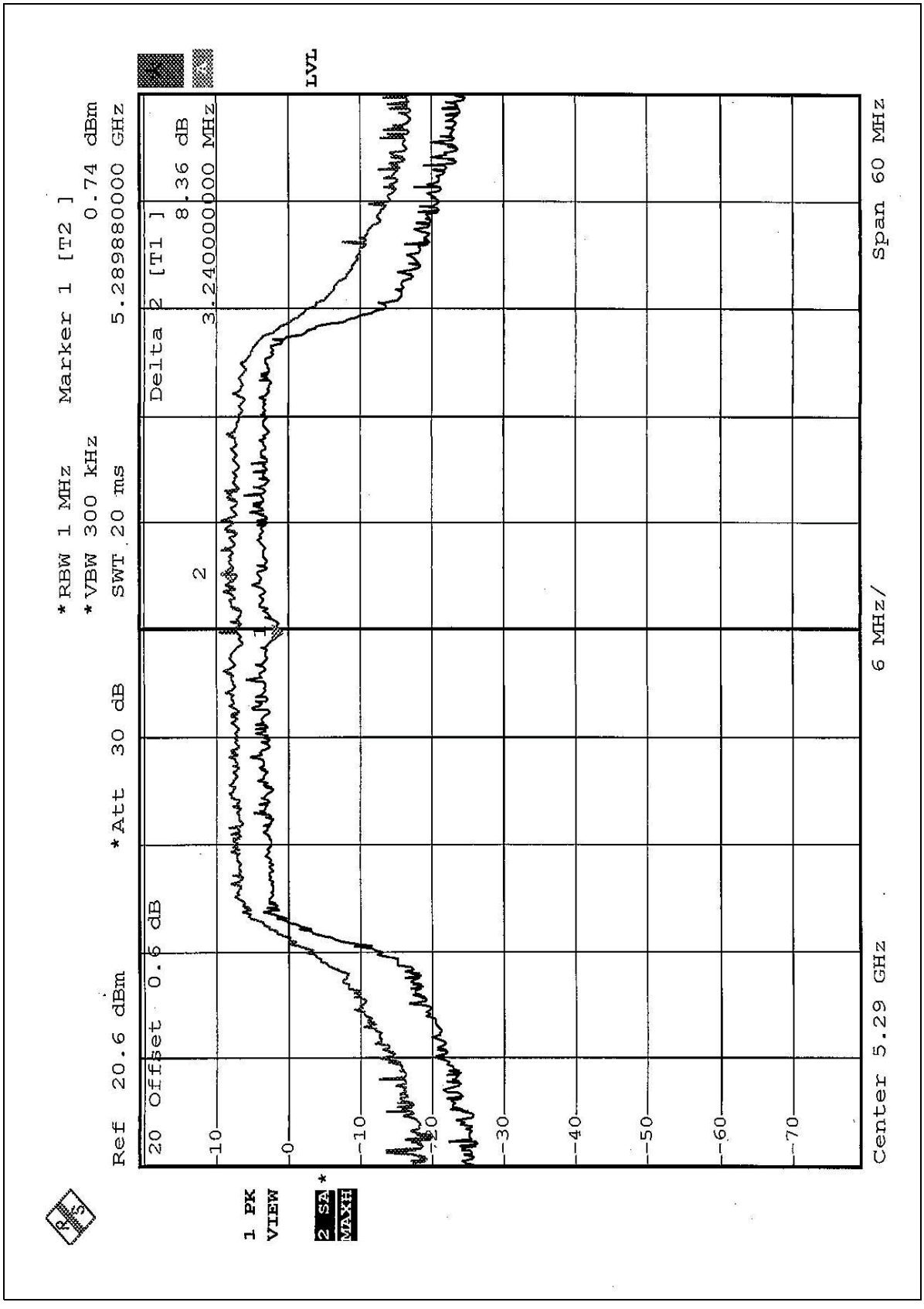
CHANNEL 1


Ref 20.6 dBm
20 Offset 0.6 dB
*Att 30 dB
*RBW 1 MHz
*VBW 300 kHz
SWT 20 ms
Marker 1 [T2]
-2.16 dBm
5.209760000 GHz
Delta 2 [T1]
9.59 dB
-2.520000000 MHz
LVL
1 PK
VIEW
2 SA
MAXH
Center 5.21 GHz
6 MHz/
Span 60 MHz

CHANNEL 2


Ref 20.6 dBm
20 Offset 0.6 dB
*Att 30 dB
*RBW 1 MHz
*VBW 300 kHz
SWT 20 ms
Marker 1 [T2]
-1.85 dBm
5.250120000 GHz
Delta 2 [T1]
9.78 dB
2.280000000 MHz
Center 5.25 GHz
6 MHz/
Span 60 MHz
1 PK VIEW
2 SA MAXH

CHANNEL 3


Ref 20.6 dBm
20 Offset 0.6 dB
*Att 30 dB
*RBW 1 MHz
*VBW 300 kHz
SWT 20 ms
Marker 1 [T2]
0.74 dBm
5.28980000 GHz
Delta 2 [T1]
8.36 dB
3.24000000 MHz
LVL
Center 5.29 GHz
6 MHz/
Span 60 MHz
1 PK VIEW
2 SA MAXH

5.5 PEAK POWER SPECTRAL DENSITY MEASUREMENT

5.5.1 LIMITS OF PEAK POWER SPECTRAL DENSITY MEASUREMENT

Frequency Band	Limit
5.15 – 5.25GHz	4dBm
5.25 – 5.35GHz	11dBm
5.725 – 5.825GHz	17dBm

5.5.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
SPECTRUM ANALYZER	FSEK30	100049	Aug. 12, 2004

NOTE: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

5.5.3 TEST PROCEDURES

The transmitter output was connected to the spectrum analyzer.
Set RBW=1MHz, VBW=3MHz. The PPSD is the highest level found across the emission in any 1MHz band.

5.5.4 DEVIATION FROM TEST STANDARD

No deviation

5.5.5 TEST SETUP

5.5.6 EUT OPERATING CONDITIONS

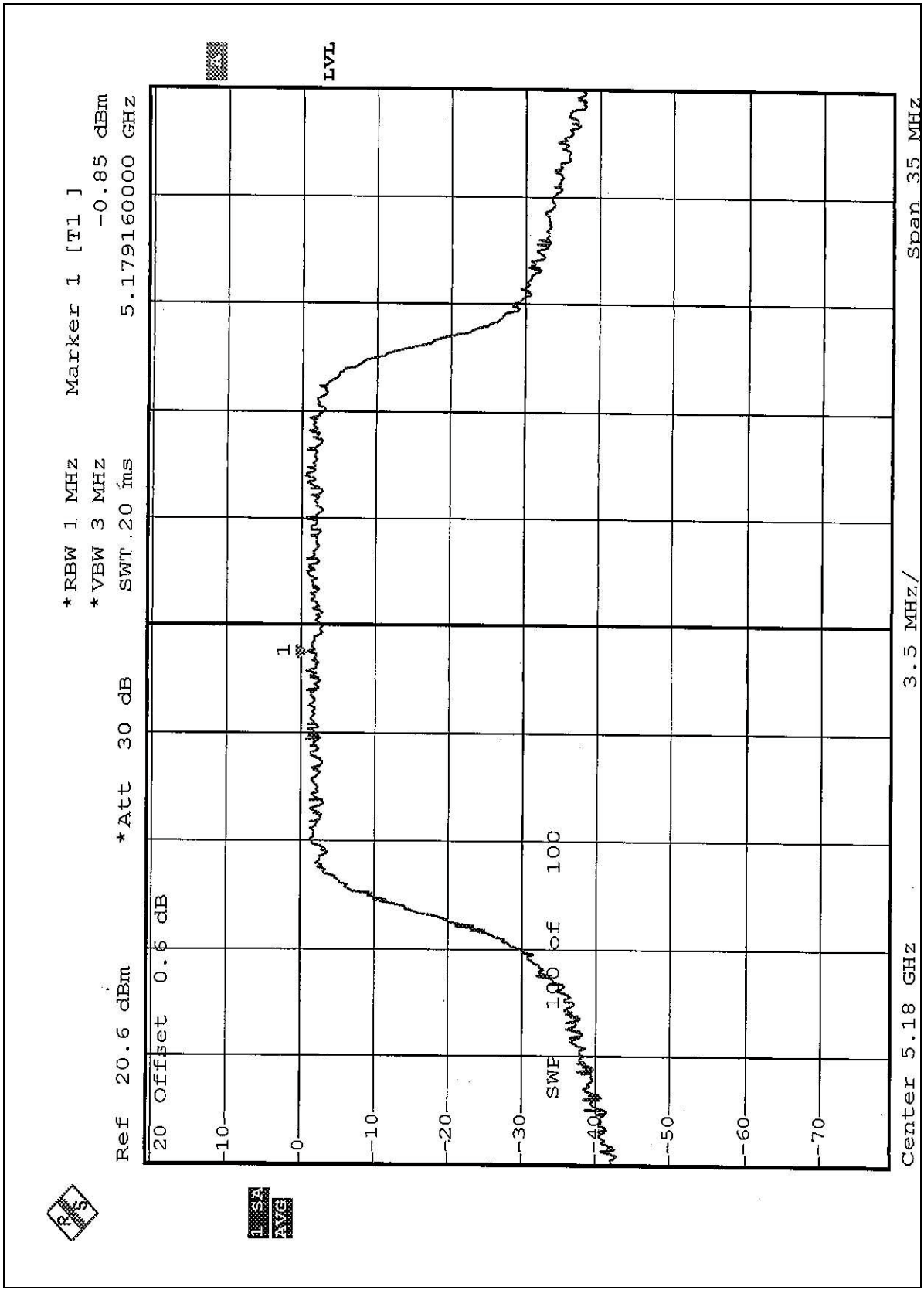
Same as 5.3.6

5.5.7 TEST RESULTS

EUT	Wireless 11a+g mini-PCI	**MODEL**	WMIA-105AG
MODE	Normal	**INPUT POWER (SYSTEM)**	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	27deg. C, 58%RH, 991hPa	**TESTED BY**	Ansen Lei

CHANNEL	CHANNEL FREQUENCY (MHz)	RF POWER LEVEL IN 1MHz BW (dBm)	MAXIMUM LIMIT (dBm)	PASS/FAIL
1	5180	-0.85	4	PASS
4	5240	-1.36	4	PASS
5	5260	-1.37	11	PASS
8	5320	-0.55	11	PASS

CHANNEL 1


Ref 20.6 dBm
20 Offset 0.6 dB
*Att 30 dB
*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms
Marker 1 [T1]
-0.85 dBm
5.179160000 GHz
1 AA
AVG
SWP 100 of 100
Center 5.18 GHz
3.5 MHz/
Span 35 MHz