



STANDARD SECTION 15.247

EUT	Wireless LAN Access Point	MODEL	A300-2
MODE	Normal Mode	CHANNEL	9
FREQUENCY RANGE	1000MHz~40000MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	26 deg. C, 67%RH, 969 hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Eric 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	#5120.00	48.70 PK	74.00	-25.30	1.36 H	65	11.70	37.00
2	#5408.00	51.00 PK	74.00	-23.00	1.04 H	78	13.90	37.00
2	#5408.00	43.10 AV	54.00	-10.90	1.04 H	78	6.10	37.00
3	#5440.00	54.40 PK	74.00	-19.60	1.36 H	65	17.30	37.00
3	#5440.00	46.50 AV	54.00	-7.50	1.36 H	65	9.50	37.00
4	*5745.00	102.80 PK			1.05 H	65	65.20	37.60
4	*5745.00	94.50 AV			1.05 H	65	57.00	37.60
5	#11490.00	51.60 PK	74.00	-22.40	1.63 H	98	0.30	51.30
5	#11490.00	43.80 AV	54.00	-10.20	1.63 H	98	-7.50	51.30

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	#5120.00	54.20 PK	74.00	-19.80	1.02 V	312	17.20	37.00
1	#5120.00	48.80 AV	54.00	-5.20	1.02 V	312	11.70	37.00
2	#5408.00	58.90 PK	74.00	-15.10	1.02 V	11	21.90	37.00
2	#5408.00	50.80 AV	54.00	-3.20	1.02 V	11	13.80	37.00
3	#5440.00	61.70 PK	74.00	-12.30	1.02 V	50	24.70	37.00
3	#5440.00	52.70 AV	54.00	-1.30	1.02 V	50	15.70	37.00
4	*5745.00	109.70 PK			1.06 V	241	72.10	37.60
4	*5745.00	101.70 AV			1.06 V	241	64.10	37.60
5	#11490.00	54.90 PK	74.00	-19.10	1.55 V	24	3.50	51.30
5	#11490.00	46.90 AV	54.00	-7.10	1.55 V	24	-4.40	51.30

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
(Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
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.



STANDARD SECTION 15.247

EUT	Wireless LAN Access Point	MODEL	A300-2
MODE	Normal Mode	CHANNEL	11
FREQUENCY RANGE	1000MHz~40000MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	26 deg. C, 67%RH, 969 hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Eric 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	#5120.00	49.60 PK	74.00	-24.40	1.01 H	25	12.60	37.00
2	#5376.00	50.60 PK	74.00	-23.40	1.55 H	62	13.50	37.00
3	#5440.00	53.90 PK	74.00	-20.10	1.00 H	1	16.90	37.00
3	#5440.00	45.90 AV	54.00	-8.10	1.00 H	1	8.90	37.00
4	*5785.00	94.50 PK			1.63 H	326	56.90	37.60
4	*5785.00	94.80 AV			1.63 H	326	57.20	37.60
5	#11570.00	50.70 PK	74.00	-23.30	1.22 H	63	-0.40	51.10

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	#5120.00	55.60 PK	74.00	-18.40	1.02 V	33	18.50	37.00
1	#5120.00	48.70 AV	54.00	-5.30	1.02 V	33	11.60	37.00
2	#5376.00	57.90 PK	74.00	-16.10	1.20 V	89	20.90	37.00
2	#5376.00	50.10 AV	54.00	-3.90	1.20 V	89	13.10	37.00
3	#5440.00	58.70 PK	74.00	-15.30	1.45 V	41	21.70	37.00
3	#5440.00	51.30 AV	54.00	-2.70	1.45 V	41	14.30	37.00
4	*5785.00	109.70 PK			1.52 V	24	72.10	37.60
4	*5785.00	101.80 AV			1.52 V	24	64.20	37.60
5	#11570.00	55.30 PK	74.00	-18.70	1.56 V	326	4.20	51.10
5	#11570.00	46.60 AV	54.00	-7.40	1.56 V	326	-4.50	51.10

NOTE:

- Emission level = Raw value - Correction Factor
- Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
(Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
- Margin value = Emission level - Limit value
- The other emission levels were very low against the limit.
- "*": Fundamental frequency
- "#": The radiated frequency falling in the restricted band.



STANDARD SECTION 15.247

EUT	Wireless LAN Access Point	MODEL	A300-2
MODE	Normal Mode	CHANNEL	13
FREQUENCY RANGE	1000MHz~40000MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	26 deg. C, 67%RH, 969 hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Eric 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	#5120.00	49.20 PK	74.00	-24.80	1.25 H	45	12.20	37.00
2	#5376.00	52.60 PK	74.00	-21.40	1.65 H	45	15.60	37.00
2	#5376.00	44.00 AV	54.00	-10.00	1.65 H	45	7.00	37.00
3	#5440.00	51.00 PK	74.00	-23.00	1.02 H	123	14.00	37.00
3	#5440.00	43.90 AV	54.00	-10.10	1.02 H	123	6.90	37.00
4	*5825.00	101.90 PK			1.22 H	36	64.20	37.70
4	*5825.00	95.70 AV			1.22 H	36	58.00	37.70
5	#11650.00	51.10 PK	74.00	-22.90	1.86 H	32	0.20	50.80
5	#11650.00	44.00 AV	54.00	-10.00	1.86 H	32	-6.90	50.80

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	#5120.00	53.70 PK	74.00	-20.30	1.25 V	41	16.60	37.00
1	#5120.00	46.80 AV	54.00	-7.20	1.25 V	41	9.70	37.00
2	#5376.00	56.20 PK	74.00	-17.80	1.19 V	217	19.10	37.00
2	#5376.00	49.10 AV	54.00	-4.90	1.19 V	217	12.10	37.00
3	#5440.00	57.40 PK	74.00	-16.60	1.56 V	226	20.30	37.00
3	#5440.00	50.00 AV	54.00	-4.00	1.56 V	226	12.90	37.00
4	*5825.00	111.40 PK			1.06 V	98	73.70	37.70
4	*5825.00	102.40 AV			1.06 V	98	64.60	37.70
5	#11650.00	56.10 PK	74.00	-17.90	1.75 V	41	5.30	50.80
5	#11650.00	47.20 AV	54.00	-6.80	1.75 V	41	-3.60	50.80

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
(Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
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.



STANDARD SECTION 15.407

EUT	Wireless LAN Access Point	MODEL	A300-2
MODE	Turbo Mode	CHANNEL	1
FREQUENCY RANGE	1000MHz~40000MHz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	28 deg. C, 56%RH, 969 hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Eric 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	#5088.00	54.6 PK	74.00	-19.40	1.09 H	8	17.60	37.00
1	#5088.00	48.2 AV	54.00	-5.80	1.09 H	8	11.20	37.00
2	#5150.00	51.9 PK	74.00	-22.10	1.06 H	113	14.90	37.00
2	#5150.00	44.6 AV	54.00	-9.40	1.06 H	113	7.60	37.00
3	*5210.00	93.7 PK			1.45 H	24	56.70	37.00
3	*5210.00	86.7 AV			1.45 H	24	49.70	37.00
4	#5440.00	49.4 PK	74.00	-24.60	1.25 H	236	12.40	37.00
5	10420.00	47.3 PK	68.30	-21.00	1.07 H	254	2.50	44.80

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	#5088.00	58.4 PK	74.00	-15.60	1.58 V	9	21.30	37.00
1	#5088.00	49.6 AV	54.00	-4.40	1.58 V	9	12.60	37.00
2	#5150.00	56.9 PK	74.00	-17.10	1.08 V	57	19.90	37.00
2	#5150.00	49.2 AV	54.00	-4.80	1.08 V	57	12.20	37.00
3	*5210.00	99.2 PK			1.54 V	24	62.20	37.00
3	*5210.00	92.2 AV			1.54 V	24	55.20	37.00
4	#5440.00	59.4 PK	74.00	-14.60	1.03 V	31	22.30	37.00
4	#5440.00	50.4 AV	54.00	-3.60	1.03 V	31	13.30	37.00
5	10420.00	51.4 PK	68.30	-16.90	1.54 V	212	6.50	44.80

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
(Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
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.



STANDARD SECTION 15.407

EUT	Wireless LAN Access Point	MODEL	A300-2
MODE	Turbo Mode	CHANNEL	2
FREQUENCY RANGE	1000MHz~40000MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	28 deg. C, 56%RH, 969 hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Eric 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	#5120.00	52.2 PK	74.00	-21.80	1.30 H	269	15.10	37.00
1	#5120.00	44.6 AV	54.00	-9.40	1.30 H	269	7.60	37.00
2	*5250.00	95.3 PK			1.41 H	29	58.30	37.00
2	*5250.00	87.1 AV			1.41 H	29	50.10	37.00
3	#5408.00	50.8 PK	74.00	-23.20	1.36 H	5	13.70	37.00
4	10500.00	50.9 PK	68.30	-17.40	1.08 H	222	5.90	45.00

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	#5120.00	51.4 PK	74.00	-22.60	1.04 V	249	14.40	37.00
1	#5120.00	46.2 AV	54.00	-7.80	1.04 V	249	9.20	37.00
2	*5250.00	100.5 PK			1.30 V	25	63.50	37.00
2	*5250.00	93.2 AV			1.30 V	25	56.20	37.00
3	#5408.00	57.2 PK	74.00	-16.80	1.06 V	329	20.20	37.00
3	#5408.00	50.4 AV	54.00	-3.60	1.06 V	329	13.40	37.00
4	10500.00	52.0 PK	68.30	-16.20	1.00 V	28	7.00	45.00

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
(Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
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.



STANDARD SECTION 15.407

EUT	Wireless LAN Access Point	MODEL	A300-2
MODE	Turbo Mode	CHANNEL	3
FREQUENCY RANGE	1000MHz~40000MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	28 deg. C, 56%RH, 969 hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Eric 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	#5088.00	51.0 PK	74.00	-23.00	1.30 H	61	13.90	37.00
1	#5088.00	44.6 AV	54.00	-9.40	1.30 H	61	7.50	37.00
2	*5290.00	95.1 PK			1.58 H	99	58.00	37.00
2	*5290.00	86.7 AV			1.58 H	99	49.60	37.00
3	#5350.00	51.2 PK	74.00	-22.80	1.33 H	119	14.10	37.00
3	#5350.00	41.0 AV	54.00	-13.00	1.33 H	119	4.00	37.00
4	#5408.00	50.4 PK	74.00	-23.60	1.54 H	26	13.40	37.00
5	10580.00	51.8 PK	68.30	-16.50	1.35 H	26	6.00	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/m)
1	#5088.00	56.0 PK	74.00	-18.00	1.11 V	9	19.00	37.00
1	#5088.00	49.6 AV	54.00	-4.40	1.11 V	9	12.60	37.00
2	*5290.00	98.9 PK			1.00 V	0	61.90	37.00
2	*5290.00	91.2 AV			1.00 V	0	54.20	37.00
3	#5350.00	57.0 PK	74.00	-17.00	1.05 V	24	20.00	37.00
3	#5350.00	47.8 AV	54.00	-6.20	1.05 V	24	10.80	37.00
4	#5408.00	59.4 PK	74.00	-14.60	1.05 V	24	22.30	37.00
4	#5408.00	50.8 AV	54.00	-3.20	1.05 V	24	13.70	37.00
5	10580.00	55.1 PK	68.30	-13.20	1.52 V	329	9.40	45.70

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
(Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
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.



STANDARD SECTION 15.247

EUT	Wireless LAN Access Point	MODEL	A300-2
MODE	Turbo Mode	CHANNEL	4
FREQUENCY RANGE	1000MHz~40000MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	26 deg. C, 67%RH, 969 hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Eric 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	#5120.00	46.60 PK	74.00	-27.40	1.65 H	25	9.60	37.00
2	#5376.00	49.50 PK	74.00	-24.50	1.59 H	325	12.50	37.00
3	#5440.00	49.90 PK	74.00	-24.10	1.11 H	9	12.90	37.00
4	*5760.00	93.60 PK			1.63 H	30	56.00	37.60
4	*5760.00	86.50 AV			1.63 H	30	49.00	37.60
5	#11520.00	50.10 PK	74.00	-23.90	1.05 H	42	-1.20	51.30

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	#5120.00	51.90 PK	74.00	-22.10	1.02 V	41	14.80	37.00
1	#5120.00	48.40 AV	54.00	-5.60	1.02 V	41	11.30	37.00
2	#5376.00	57.30 PK	74.00	-16.70	1.42 V	36	20.20	37.00
2	#5376.00	48.10 AV	54.00	-5.90	1.42 V	36	11.10	37.00
3	#5440.00	59.00 PK	74.00	-15.00	1.56 V	62	21.90	37.00
3	#5440.00	50.00 AV	54.00	-4.00	1.56 V	62	12.90	37.00
4	*5760.00	99.70 PK			1.54 V	21	62.10	37.60
4	*5760.00	92.80 AV			1.54 V	21	55.30	37.60
5	#11520.00	54.60 PK	74.00	-19.40	1.68 V	95	3.30	51.30
5	#11520.00	46.80 AV	54.00	-7.20	1.68 V	95	-4.50	51.30

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
(Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
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.



STANDARD SECTION 15.247

EUT	Wireless LAN Access Point	MODEL	A300-2
MODE	Turbo Mode	CHANNEL	5
FREQUENCY RANGE	1000MHz~40000MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	28 deg. C, 56%RH, 969 hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Eric 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	#5120.00	47.20 PK	74.00	-26.80	1.35 H	26	10.20	37.00
2	#5376.00	51.30 PK	74.00	-22.70	1.55 H	201	14.20	37.00
2	#5376.00	42.60 AV	54.00	-11.40	1.55 H	201	5.60	37.00
3	#5440.00	51.20 PK	74.00	-22.80	1.02 H	32	14.20	37.00
3	#5440.00	42.90 AV	54.00	-11.10	1.02 H	32	5.90	37.00
4	*5800.00	91.70 PK			1.56 H	6	54.00	37.70
4	*5800.00	86.20 AV			1.56 H	6	48.60	37.70
5	#11600.00	49.80 PK	74.00	-24.20	1.63 H	6	-1.20	51.00

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	#5120.00	51.80 PK	74.00	-22.20	1.56 V	326	14.80	37.00
1	#5120.00	47.40 AV	54.00	-6.60	1.56 V	326	10.30	37.00
2	#5376.00	57.30 PK	74.00	-16.70	1.25 V	66	20.20	37.00
2	#5376.00	47.50 AV	54.00	-6.50	1.25 V	66	10.40	37.00
3	#5440.00	58.10 PK	74.00	-15.90	1.02 V	58	21.00	37.00
3	#5440.00	49.00 AV	54.00	-5.00	1.02 V	58	11.90	37.00
4	*5800.00	101.70 PK			1.45 V	24	64.00	37.70
4	*5800.00	93.90 AV			1.45 V	24	56.30	37.70
5	#11600.00	56.20 PK	74.00	-17.80	1.42 V	10	5.20	51.00
5	#11600.00	46.90 AV	54.00	-7.10	1.42 V	10	-4.10	51.00

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
(Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
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.



5.2.10 TEST RESULTS (B)

STANDARD SECTION 15.407

EUT	Wireless LAN Access Point	MODEL	A300-2
MODE	Normal Mode	CHANNEL	5
FREQUENCY RANGE	1000MHz~40000MHz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	26 deg. C, 59%RH, 969 hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Eric 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	#5088.00	43.0 PK	74.00	-31.00	1.79 H	62	5.70	37.30
2	#5120.00	47.5 PK	74.00	-26.50	1.03 H	258	10.00	37.50
3	*5260.00	98.1 PK			1.53 H	62	60.00	38.10
3	*5260.00	90.4 AV			1.53 H	62	52.30	38.10
4	10520.00	45.5 PK	68.30	-22.80	1.68 H	42	1.00	44.50

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	#5088.00	51.1 PK	74.00	-22.90	1.35 V	246	13.70	37.30
1	#5088.00	42.3 AV	54.00	-11.70	1.35 V	246	5.00	37.30
2	#5120.00	54.0 PK	74.00	-20.00	1.02 V	44	16.50	37.50
2	#5120.00	46.7 AV	54.00	-7.30	1.02 V	44	9.20	37.50
3	*5260.00	106.1 PK			1.15 V	2	68.00	38.10
3	*5260.00	98.3 AV			1.15 V	2	60.20	38.10
4	10520.00	51.7 PK	68.30	-16.60	1.05 V	41	7.20	44.50

NOTE:

- Emission level = Raw value - Correction Factor
- Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
(Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
- Margin value = Emission level - Limit value
- The other emission levels were very low against the limit.
- "*": Fundamental frequency



STANDARD SECTION 15.407

EUT	Wireless LAN Access Point	MODEL	A300-2
MODE	Normal Mode	CHANNEL	8
FREQUENCY RANGE	1000MHz~40000MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	26 deg. C, 59%RH, 969 hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Eric 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	#5088.00	48.40 PK	74.00	-25.60	1.66 H	359	11.30	37.00
2	*5320.00	96.20 PK			1.52 H	45	59.20	37.00
2	*5320.00	89.30 AV			1.52 H	45	52.30	37.00
3	#5350.00	52.70 PK	74.00	-21.30	1.63 H	89	15.60	37.00
3	#5350.00	41.20 AV	54.00	-12.80	1.63 H	89	4.20	37.00
4	#5376.00	55.60 PK	74.00	-18.40	1.65 H	63	18.60	37.00
4	#5376.00	43.90 AV	54.00	-10.10	1.65 H	63	6.80	37.00
5	#5408.00	50.20 PK	74.00	-23.80	1.65 H	256	13.20	37.00
6	#10640.00	46.40 PK	74.00	-27.60	1.63 H	326	0.10	46.30

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	#5088.00	57.00 PK	74.00	-17.00	1.19 V	68	19.90	37.00
1	#5088.00	48.30 AV	54.00	-5.70	1.19 V	68	11.20	37.00
2	*5320.00	103.60 PK			1.02 V	9	66.50	37.00
2	*5320.00	96.10 AV			1.02 V	9	59.10	37.00
3	#5350.00	63.90 PK	74.00	-10.10	1.52 V	69	26.90	37.00
3	#5350.00	51.20 AV	54.00	-2.80	1.52 V	69	14.20	37.00
4	#5376.00	64.50 PK	74.00	-9.50	1.35 V	9	27.50	37.00
4	#5376.00	52.60 AV	54.00	-1.40	1.35 V	9	15.60	37.00
5	#5408.00	58.20 PK	74.00	-15.80	1.00 V	24	21.20	37.00
5	#5408.00	48.00 AV	54.00	-6.00	1.00 V	24	11.00	37.00
6	#10640.00	53.10 PK	74.00	-20.90	1.50 V	9	6.80	46.30
6	#10640.00	42.90 AV	54.00	-11.10	1.50 V	9	-3.40	46.30

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
(Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
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.



STANDARD SECTION 15.247

EUT	Wireless LAN Access Point	MODEL	A300-2
MODE	Normal Mode	CHANNEL	9
FREQUENCY RANGE	1000MHz~40000MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	26 deg. C, 67%RH, 969 hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Eric 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	#5120.00	48.30 PK	74.00	-25.70	1.54 H	21	11.20	37.00
2	#5408.00	50.30 PK	74.00	-23.70	1.20 H	21	13.20	37.00
3	#5440.00	47.60 PK	74.00	-26.40	1.23 H	6	10.60	37.00
4	*5745.00	103.80 PK			1.63 H	99	66.20	37.60
4	*5745.00	95.80 AV			1.63 H	99	58.20	37.60
5	#11490.00	51.60 PK	74.00	-22.40	1.22 H	96	0.30	51.30
5	#11490.00	43.90 AV	54.00	-10.10	1.22 H	96	-7.50	51.30

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	#5120.00	53.50 PK	74.00	-20.50	1.05 V	24	16.50	37.00
1	#5120.00	48.40 AV	54.00	-5.60	1.05 V	24	11.30	37.00
2	#5408.00	59.10 PK	74.00	-14.90	1.52 V	44	22.00	37.00
2	#5408.00	50.00 AV	54.00	-4.00	1.52 V	44	13.00	37.00
3	#5440.00	53.40 PK	74.00	-20.60	1.29 V	351	16.40	37.00
3	#5440.00	48.70 AV	54.00	-5.30	1.29 V	351	11.70	37.00
4	*5745.00	112.10 PK			1.13 V	2	74.50	37.60
4	*5745.00	102.50 AV			1.13 V	2	65.00	37.60
5	#11490.00	55.50 PK	74.00	-18.50	1.25 V	4	4.20	51.30
5	#11490.00	46.90 AV	54.00	-7.10	1.25 V	4	-4.40	51.30

NOTE:

- Emission level = Raw value - Correction Factor
- Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
(Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
- Margin value = Emission level - Limit value
- The other emission levels were very low against the limit.
- "*": Fundamental frequency
- "# " : The radiated frequency falling in the restricted band.



STANDARD SECTION 15.247

EUT	Wireless LAN Access Point	MODEL	A300-2
MODE	Normal Mode	CHANNEL	11
FREQUENCY RANGE	1000MHz~40000MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	26 deg. C, 67%RH, 969 hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Eric 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	#5120.00	49.20 PK	74.00	-24.80	1.02 H	9	12.20	37.00
2	#5376.00	51.30 PK	74.00	-22.70	1.43 H	16	14.30	37.00
2	#5376.00	44.00 AV	54.00	-10.00	1.43 H	16	7.00	37.00
3	#5440.00	50.60 PK	74.00	-23.40	1.25 H	44	13.60	37.00
4	*5785.00	104.90 PK			1.11 H	22	67.30	37.60
4	*5785.00	95.90 AV			1.11 H	22	58.30	37.60
5	#11570.00	51.30 PK	74.00	-22.70	1.25 H	69	0.20	51.10
5	#11570.00	43.60 AV	54.00	-10.40	1.25 H	69	-7.50	51.10

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	#5120.00	54.30 PK	74.00	-19.70	1.07 V	174	17.30	37.00
1	#5120.00	49.90 AV	54.00	-4.10	1.07 V	174	12.90	37.00
2	#5376.00	57.90 PK	74.00	-16.10	1.29 V	97	20.90	37.00
2	#5376.00	50.90 AV	54.00	-3.10	1.29 V	97	13.90	37.00
3	#5440.00	57.90 PK	74.00	-16.10	1.45 V	21	20.90	37.00
3	#5440.00	51.00 AV	54.00	-3.00	1.45 V	21	13.90	37.00
4	*5785.00	112.50 PK			1.13 V	336	74.90	37.60
4	*5785.00	102.30 AV			1.13 V	336	64.70	37.60
5	#11570.00	56.50 PK	74.00	-17.50	1.59 V	357	5.40	51.10
5	#11570.00	47.90 AV	54.00	-6.10	1.59 V	357	-3.20	51.10

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
(Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
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.



STANDARD SECTION 15.247

EUT	Wireless LAN Access Point	MODEL	A300-2
MODE	Normal Mode	CHANNEL	13
FREQUENCY RANGE	1000MHz~40000MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	26 deg. C, 67%RH, 969 hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Eric 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	#5120.00	49.20 PK	74.00	-24.80	1.11 H	293	12.20	37.00
2	#5376.00	50.90 PK	74.00	-23.10	1.32 H	161	13.90	37.00
3	#5440.00	50.80 PK	74.00	-23.20	1.03 H	19	13.80	37.00
4	*5825.00	104.70 PK			1.08 H	73	67.00	37.70
4	*5825.00	96.00 AV			1.08 H	73	58.30	37.70
5	#11650.00	52.00 PK	74.00	-22.00	1.53 H	62	1.10	50.80
5	#11650.00	44.10 AV	54.00	-9.90	1.53 H	62	-6.80	50.80

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	#5120.00	54.90 PK	74.00	-19.10	1.02 V	47	17.90	37.00
1	#5120.00	48.40 AV	54.00	-5.60	1.02 V	47	11.30	37.00
2	#5376.00	57.00 PK	74.00	-17.00	1.20 V	222	20.00	37.00
2	#5376.00	49.90 AV	54.00	-4.10	1.20 V	222	12.80	37.00
3	#5440.00	56.20 PK	74.00	-17.80	1.36 V	63	19.10	37.00
3	#5440.00	50.70 AV	54.00	-3.30	1.36 V	63	13.60	37.00
4	*5825.00	112.60 PK			1.12 V	5	74.90	37.70
4	*5825.00	103.70 AV			1.12 V	5	66.00	37.70
5	#11650.00	56.10 PK	74.00	-17.90	1.23 V	6	5.30	50.80
5	#11650.00	47.90 AV	54.00	-6.10	1.23 V	6	-2.90	50.80

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
(Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
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.



STANDARD SECTION 15.407

EUT	Wireless LAN Access Point	MODEL	A300-2
MODE	Turbo Mode	CHANNEL	3
FREQUENCY RANGE	1000MHz~40000MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	26 deg. C, 67%RH, 969 hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Eric 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	*5290.00	89.9 PK			1.72 H	213	51.60	38.30
1	*5290.00	82.5 AV			1.72 H	213	44.30	38.30
2	#5350.00	43.9 PK	74.00	-30.10	1.36 H	62	5.40	38.50
3	#5376.00	51.9 PK	74.00	-22.10	1.52 H	152	13.30	38.70
3	#5376.00	42.9 AV	54.00	-11.10	1.52 H	152	4.20	38.70
4	#5408.00	42.5 PK	74.00	-31.50	1.42 H	58	3.60	38.80
5	#5440.00	43.0 PK	74.00	-31.00	1.52 H	41	4.00	39.00
6	10580.00	48.0 PK	68.30	-20.30	1.45 H	213	2.90	45.10

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	*5290.00	99.0 PK			1.00 V	6	60.70	38.30
1	*5290.00	91.5 AV			1.00 V	6	53.20	38.30
2	#5350.00	53.2 PK	74.00	-20.80	1.72 V	201	14.70	38.50
2	#5350.00	46.9 AV	54.00	-7.10	1.72 V	201	8.30	38.50
3	#5376.00	61.2 PK	74.00	-12.80	1.35 V	324	22.50	38.70
3	#5376.00	52.6 AV	54.00	-1.40	1.35 V	324	13.90	38.70
4	#5408.00	50.0 PK	74.00	-24.00	1.54 V	24	11.20	38.80
5	#5440.00	51.3 PK	74.00	-22.70	1.02 V	22	12.30	39.00
5	#5440.00	42.6 AV	54.00	-11.40	1.02 V	22	3.70	39.00
6	10580.00	51.2 PK	68.30	-17.10	1.02 V	14	6.10	45.10

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
(Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
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.



STANDARD SECTION 15.247

EUT	Wireless LAN Access Point	MODEL	A300-2
MODE	Turbo Mode	CHANNEL	4
FREQUENCY RANGE	1000MHz~40000MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	26 deg. C, 67%RH, 969 hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Eric 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	#5120.00	47.30 PK	74.00	-26.70	1.63 H	321	10.30	37.00
2	#5376.00	50.30 PK	74.00	-23.70	1.30 H	29	13.20	37.00
3	#5440.00	53.20 PK	74.00	-20.80	1.59 H	11	16.10	37.00
3	#5440.00	44.60 AV	54.00	-9.40	1.59 H	11	7.60	37.00
4	*5760.00	95.80 PK			1.49 H	63	58.20	37.60
4	*5760.00	87.60 AV			1.49 H	63	50.00	37.60
5	#11520.00	50.60 PK	74.00	-23.40	1.30 H	259	-0.70	51.30

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	#5120.00	52.70 PK	74.00	-21.30	1.54 V	24	15.60	37.00
1	#5120.00	49.40 AV	54.00	-4.60	1.54 V	24	12.40	37.00
2	#5376.00	58.10 PK	74.00	-15.90	1.52 V	35	21.00	37.00
2	#5376.00	50.00 AV	54.00	-4.00	1.52 V	35	13.00	37.00
3	#5440.00	59.90 PK	74.00	-14.10	1.22 V	5	22.90	37.00
3	#5440.00	50.50 AV	54.00	-3.50	1.22 V	5	13.50	37.00
4	*5760.00	102.50 PK			1.11 V	5	65.00	37.60
4	*5760.00	94.70 AV			1.11 V	5	57.10	37.60
5	#11520.00	55.70 PK	74.00	-18.30	1.11 V	20	4.40	51.30
5	#11520.00	48.00 AV	54.00	-6.00	1.11 V	20	-3.30	51.30

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
(Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
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.



STANDARD SECTION 15.247

EUT	Wireless LAN Access Point	MODEL	A300-2
MODE	Turbo Mode	CHANNEL	5
FREQUENCY RANGE	1000MHz~40000MHz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	26 deg. C, 67%RH, 969 hPa	INPUT POWER (SYSTEM)	120Vac, 60Hz
TESTED BY	Eric 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	#5120.00	48.00 PK	74.00	-26.00	1.25 H	52	11.00	37.00
2	#5376.00	51.30 PK	74.00	-22.70	1.21 H	96	14.30	37.00
2	#5376.00	43.30 AV	54.00	-10.70	1.21 H	96	6.20	37.00
3	#5440.00	53.40 PK	74.00	-20.60	1.01 H	111	16.30	37.00
3	#5440.00	44.30 AV	54.00	-9.70	1.01 H	111	7.20	37.00
4	*5800.00	94.90 PK			1.01 H	341	57.20	37.70
4	*5800.00	87.60 AV			1.01 H	341	50.00	37.70
5	#11600.00	51.20 PK	74.00	-22.80	1.08 H	72	0.20	51.00
5	#11600.00	43.80 AV	54.00	-10.20	1.08 H	72	-7.20	51.00

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	#5120.00	53.40 PK	74.00	-20.60	1.02 V	41	16.30	37.00
1	#5120.00	49.30 AV	54.00	-4.70	1.02 V	41	12.20	37.00
2	#5376.00	57.00 PK	74.00	-17.00	1.63 V	65	20.00	37.00
2	#5376.00	46.90 AV	54.00	-7.10	1.63 V	65	9.90	37.00
3	#5440.00	57.50 PK	74.00	-16.50	4.00 V	326	20.50	37.00
3	#5440.00	49.30 AV	54.00	-4.70	4.00 V	326	12.20	37.00
4	*5800.00	102.00 PK			1.52 V	62	64.30	37.70
4	*5800.00	94.70 AV			1.52 V	62	57.00	37.70
5	#11600.00	56.20 PK	74.00	-17.80	1.11 V	57	5.20	51.00
5	#11600.00	47.80 AV	54.00	-6.20	1.11 V	57	-3.20	51.00

NOTE:

1. Emission level = Raw value - Correction Factor
2. Correction Factor = Pre-Amp. Factor - Ant. Factor - Cable loss
(Pre-Amp. Factor = 0, when a Pre-Amplifier is not used for the test.)
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.

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 – 5.25 GHz	The lesser of 50mW (17dBm) or 4dBm + 10logB
5.25 – 5.35 GHz	The lesser of 250mW (24dBm) or 11dBm + 10logB
5.725 – 5.825 GHz	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	FSP30	100019	Dec. 19, 2003

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 TEST SETUP



5.3.5 EUT OPERATING CONDITIONS

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



5.3.6 TEST RESULTS (A)

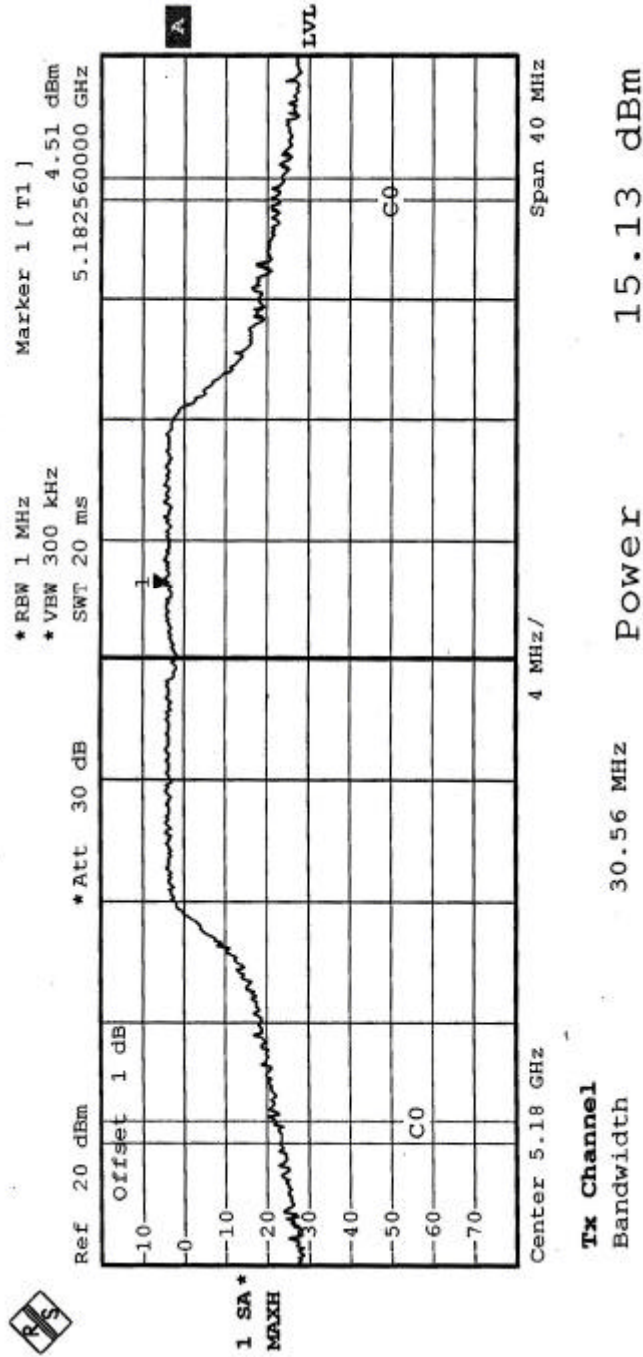
EUT	Wireless LAN Access Point	MODEL	A300-2
MODE	Normal	INPUT POWER (SYSTEM)	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	21eg. C, 58RH, 969 hPa	TESTED BY	Eric Lee

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	26dBc Occupied Bandwidth (MHz)	PASS/FAIL
1	5180	15.13	17.00	30.56	PASS
4	5240	15.37	17.00	30.80	PASS
5	5260	19.90	24.00	29.52	PASS
8	5320	15.14	24.00	30.32	PASS

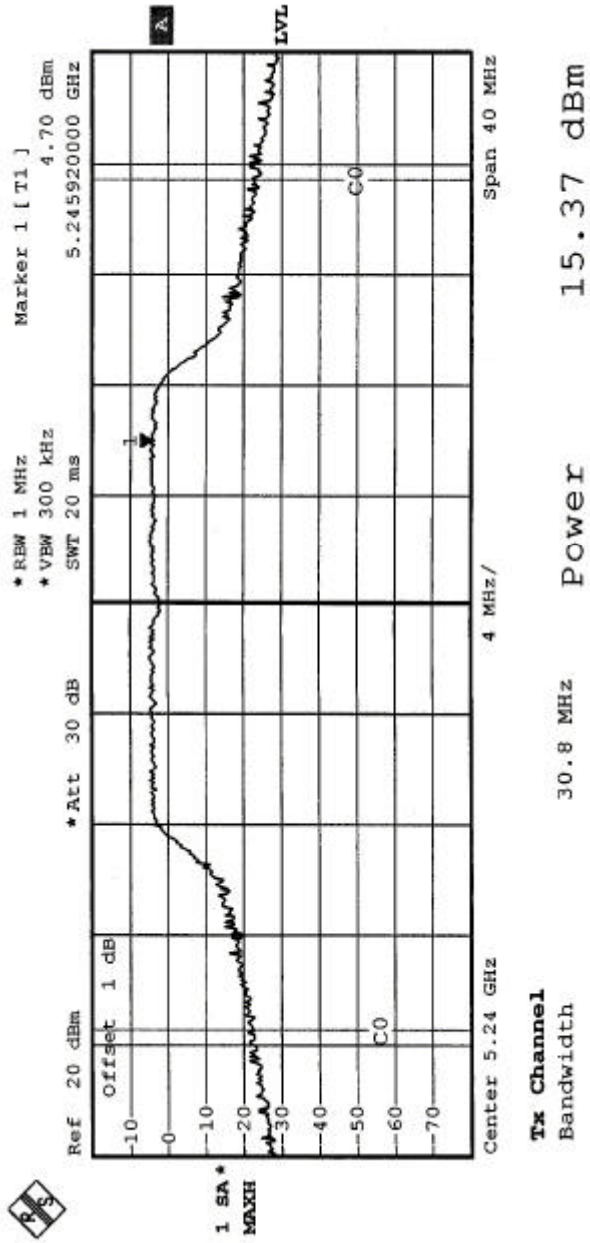
NOTE: The 26dBc Occupied Bandwidth plot, please refer to the following pages.



CHANNEL 1

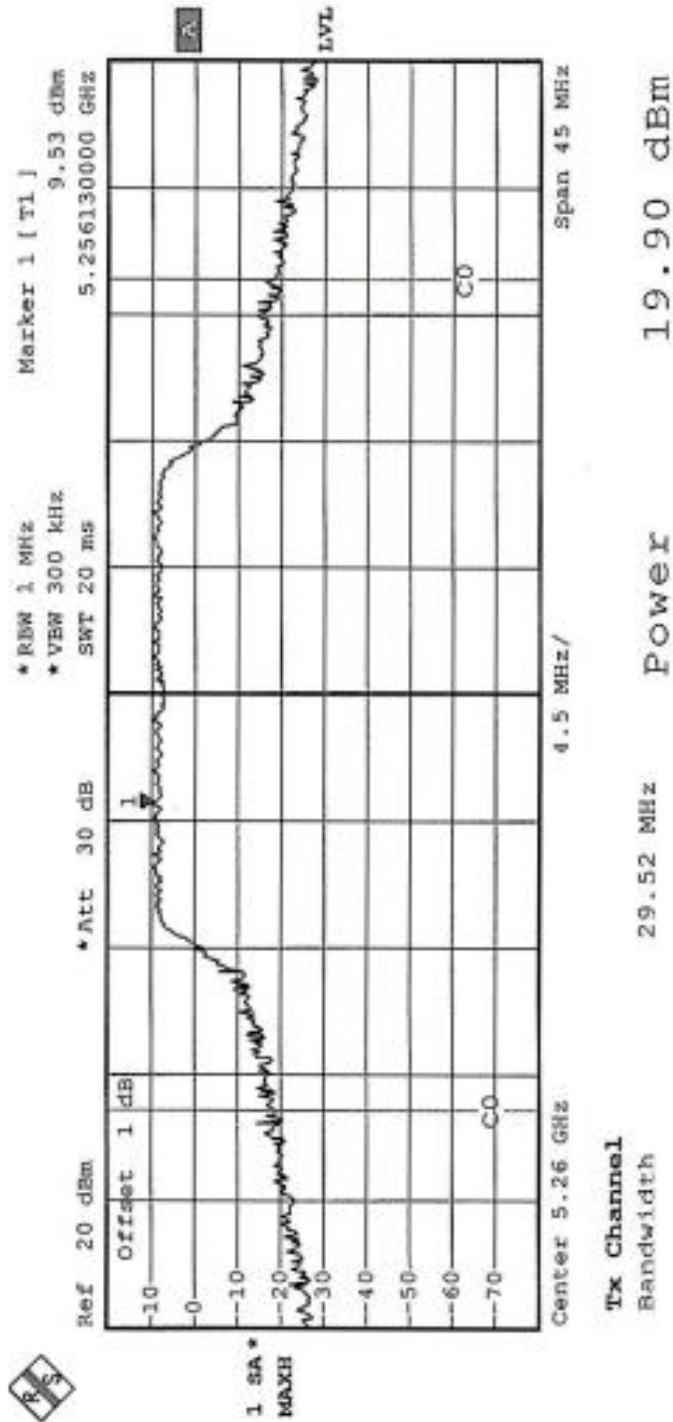


CHANNEL 4



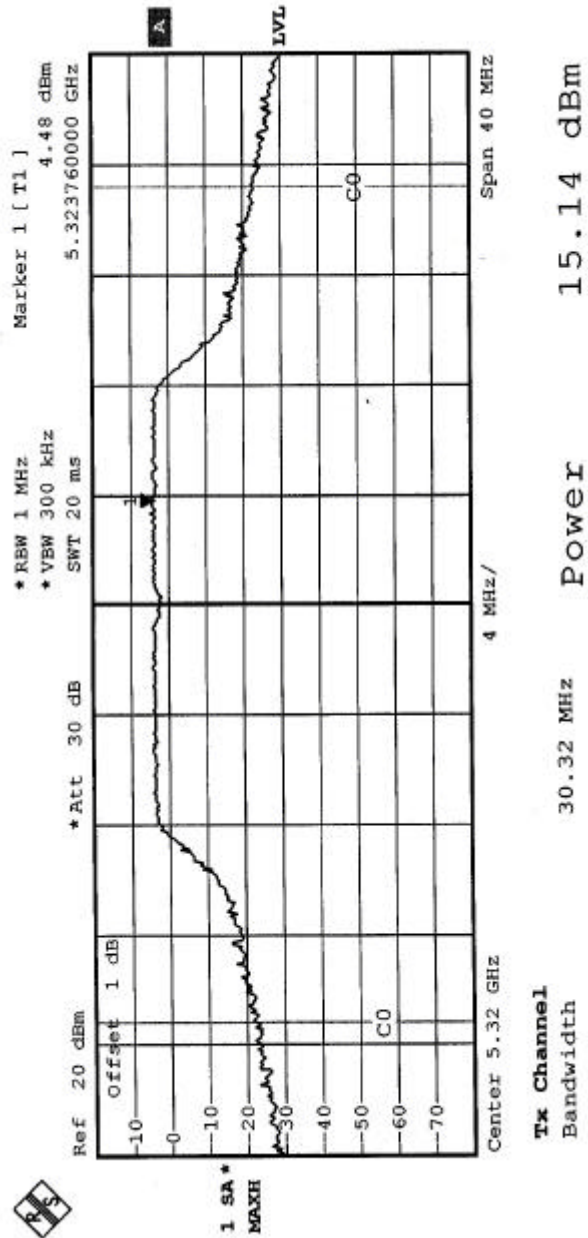


CHANNEL 5



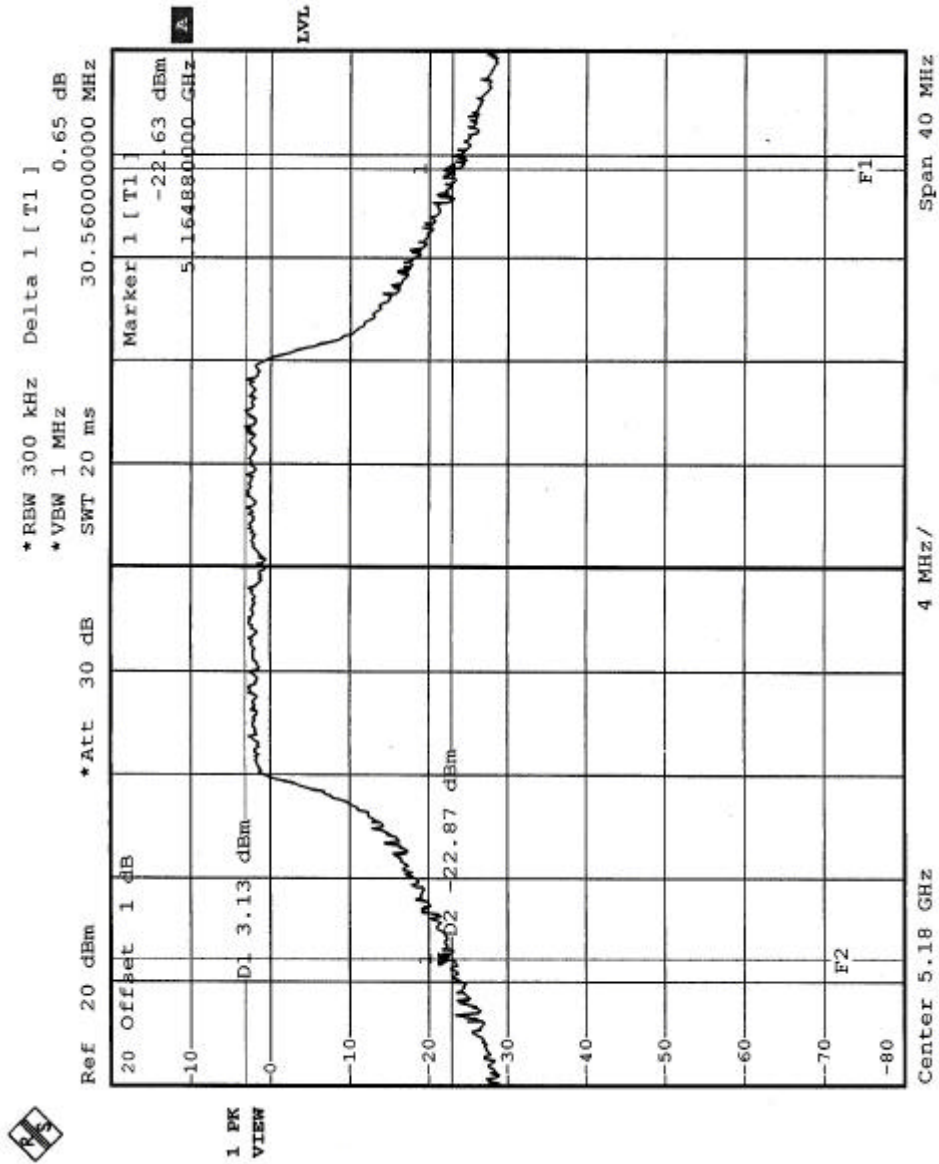


CHANNEL 8



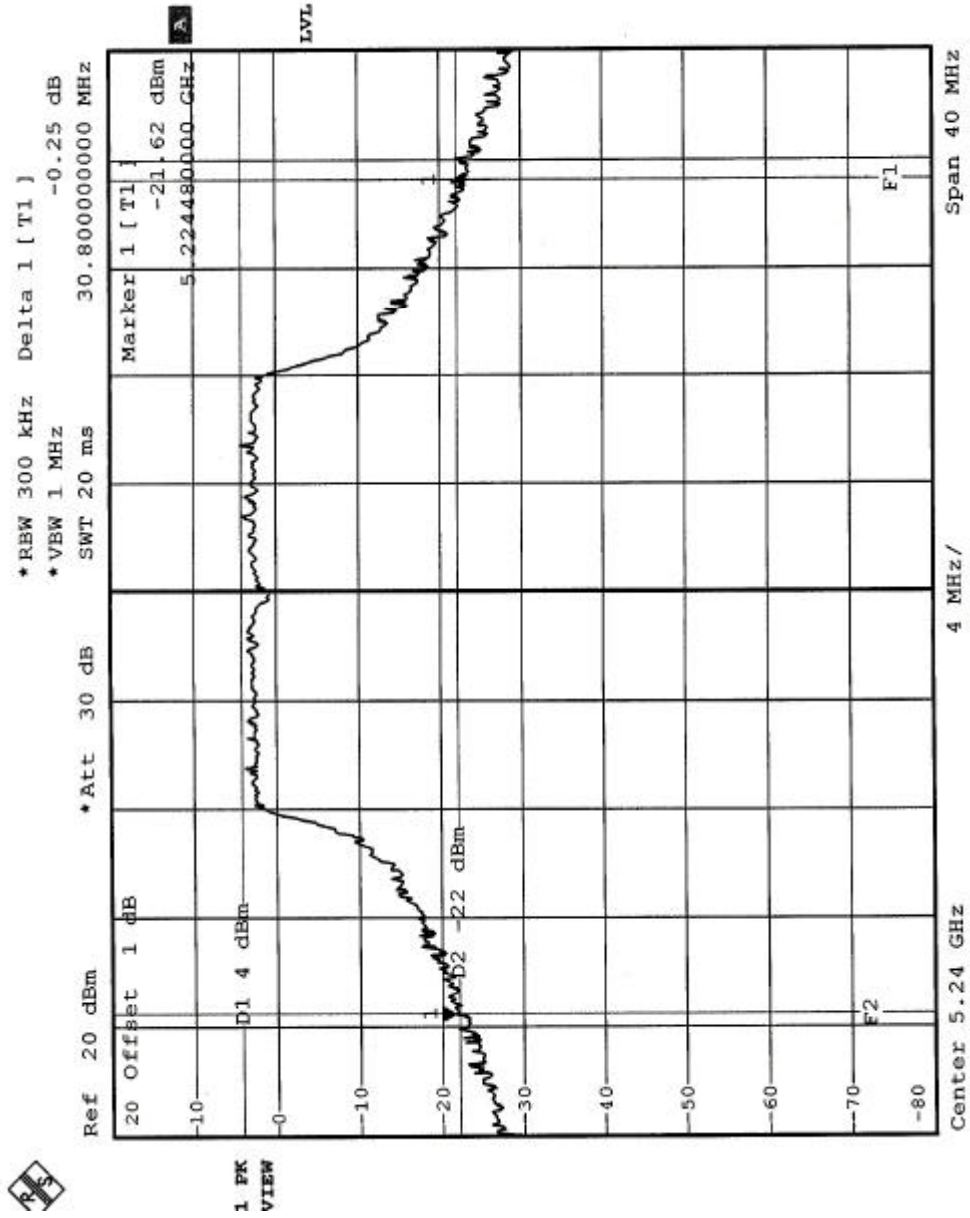


CHANNEL 1



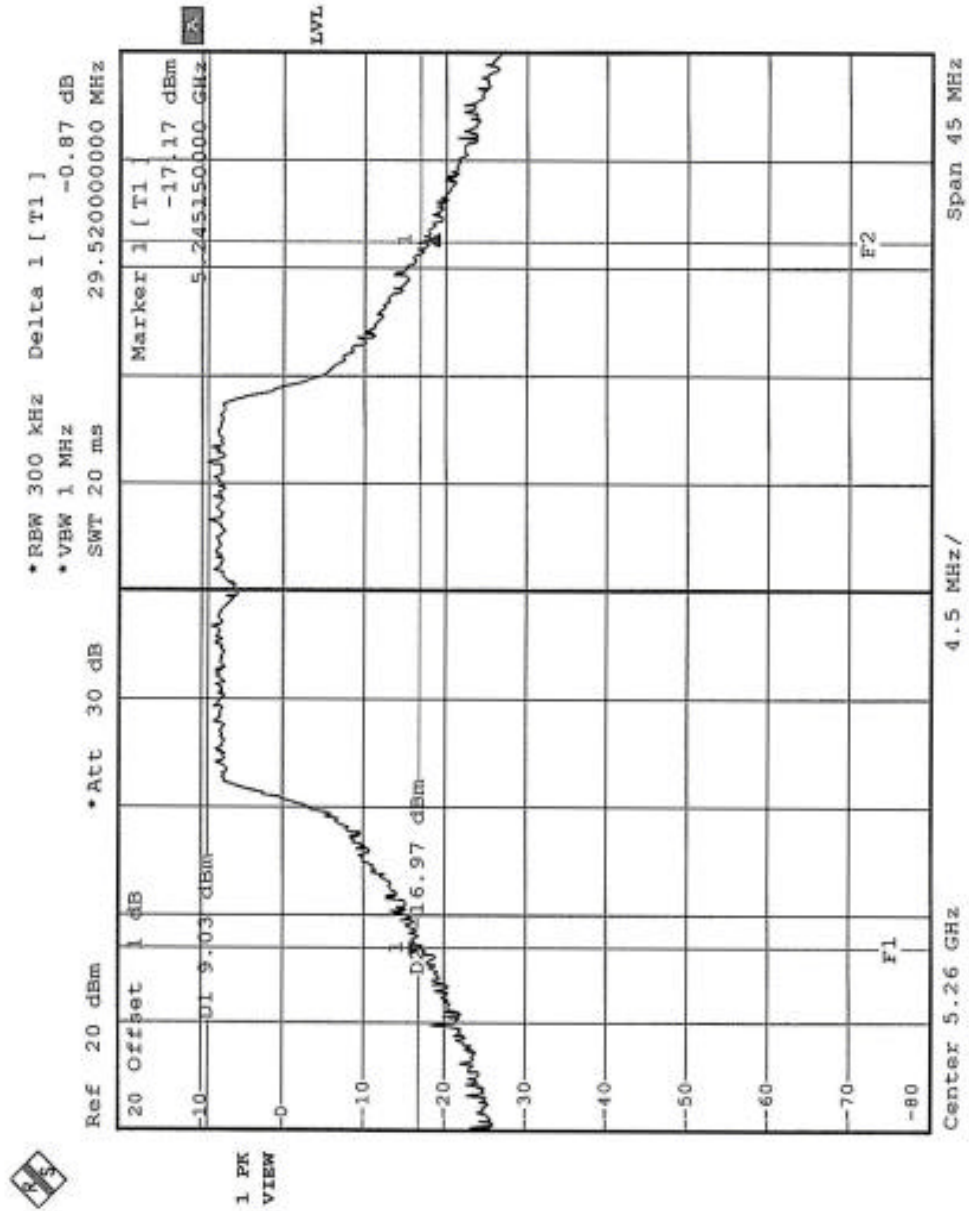


CHANNEL 4



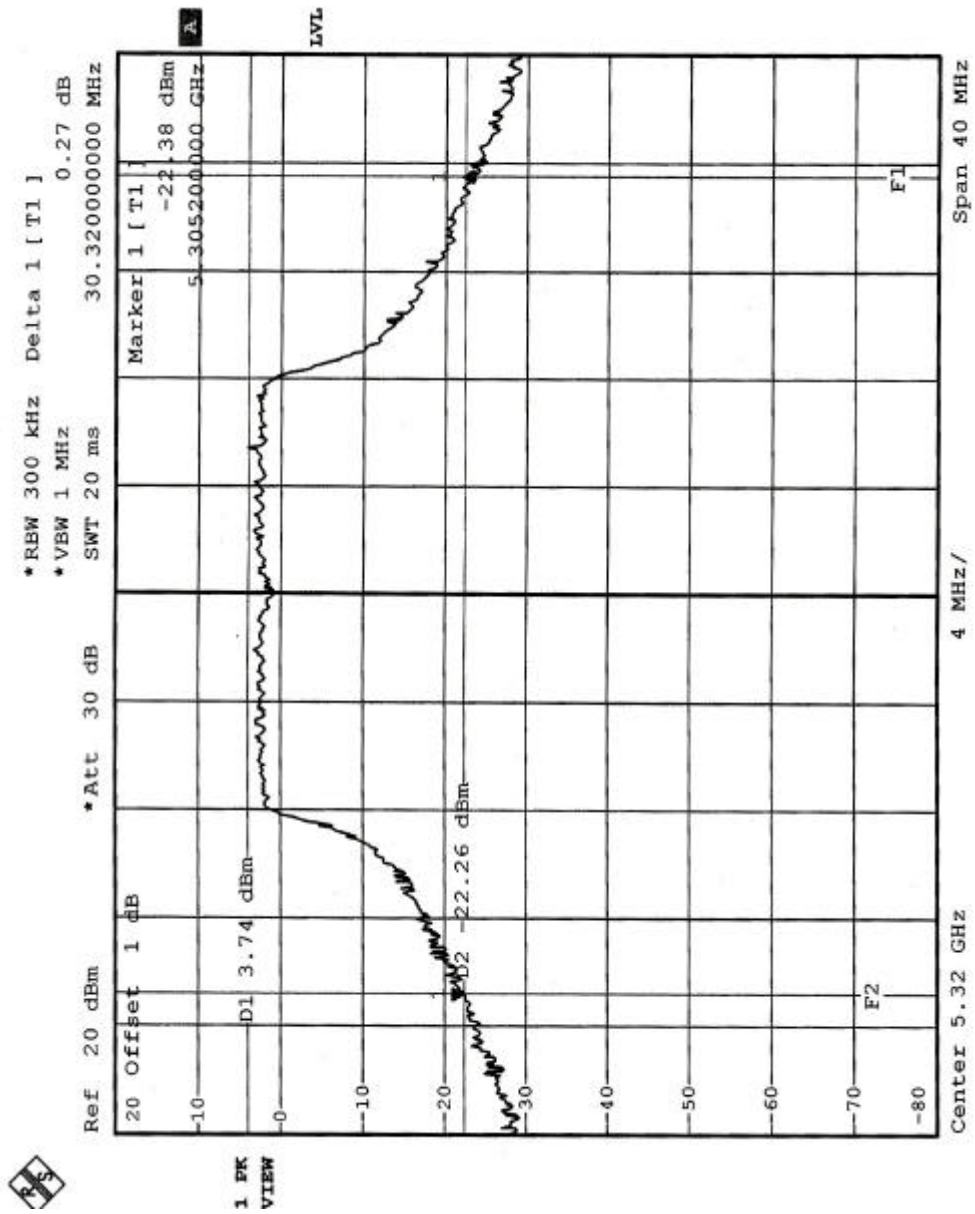


CHANNEL 5





CHANNEL 8





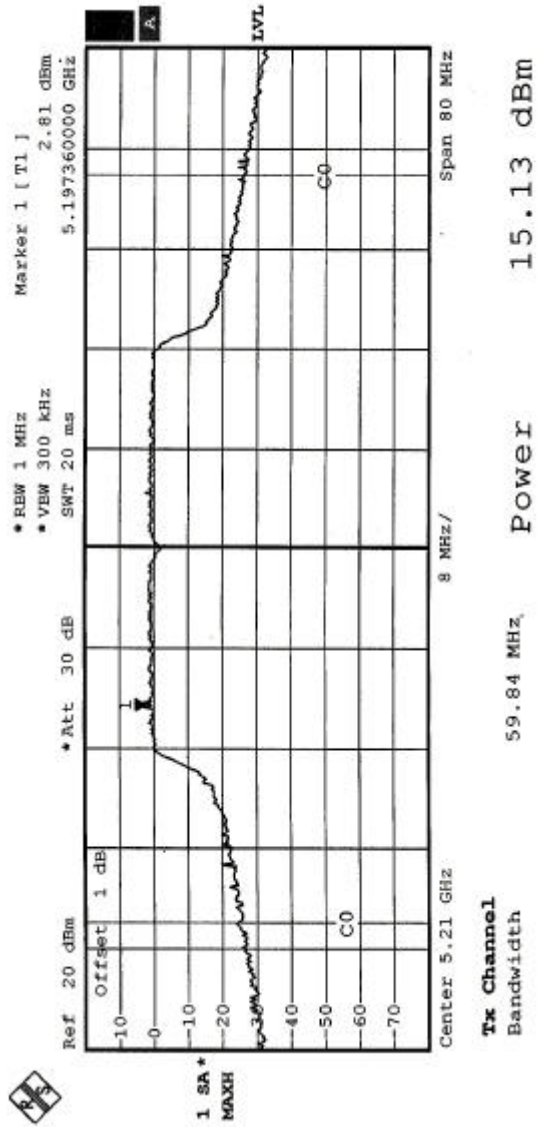
EUT	Wireless LAN Access Point	MODEL	A300-2
MODE	Turbo	INPUT POWER (SYSTEM)	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	25eg. C, 66RH, 969 hPa	TESTED BY	Eric Lee

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	26dBc Occupied Bandwidth (MHz)	PASS/FAIL
1	5210	15.13	17.00	59.84	PASS
2	5250	15.53	24.00	57.60	PASS
3	5290	15.57	24.00	60.96	PASS

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

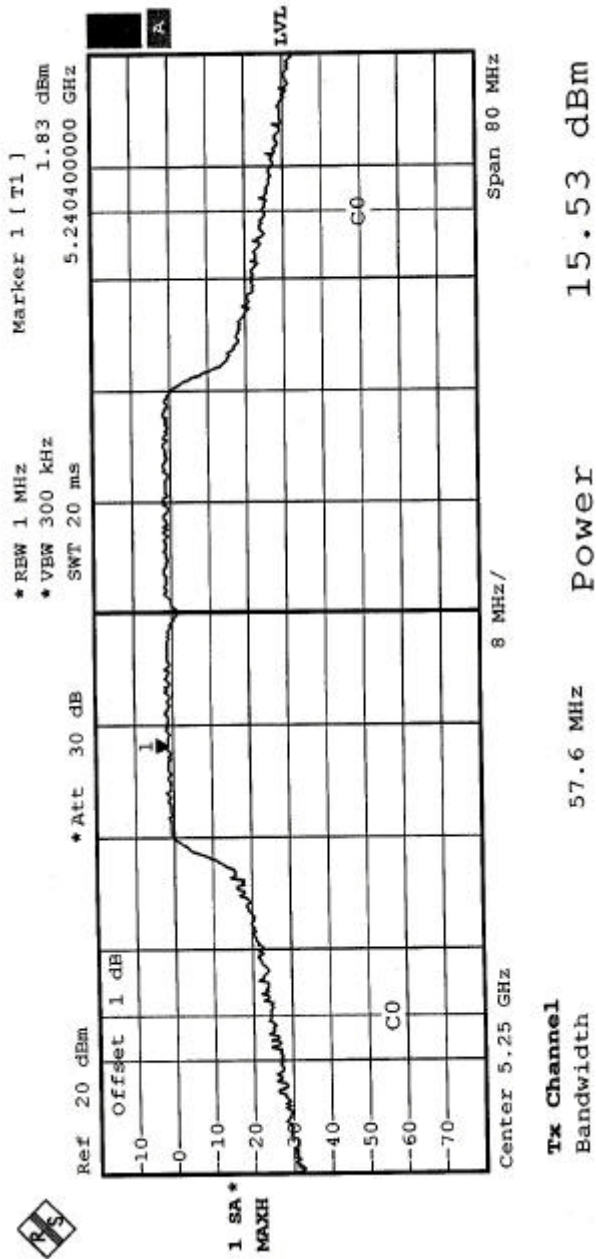


CHANNEL 1



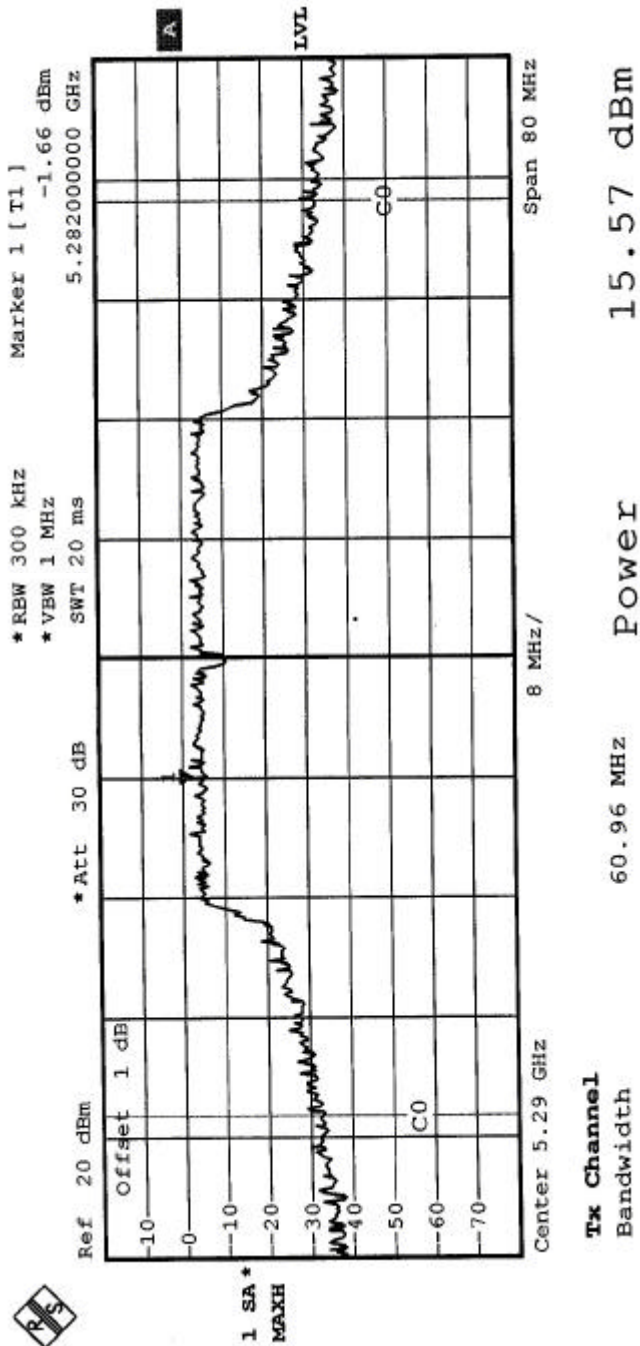


CHANNEL 2



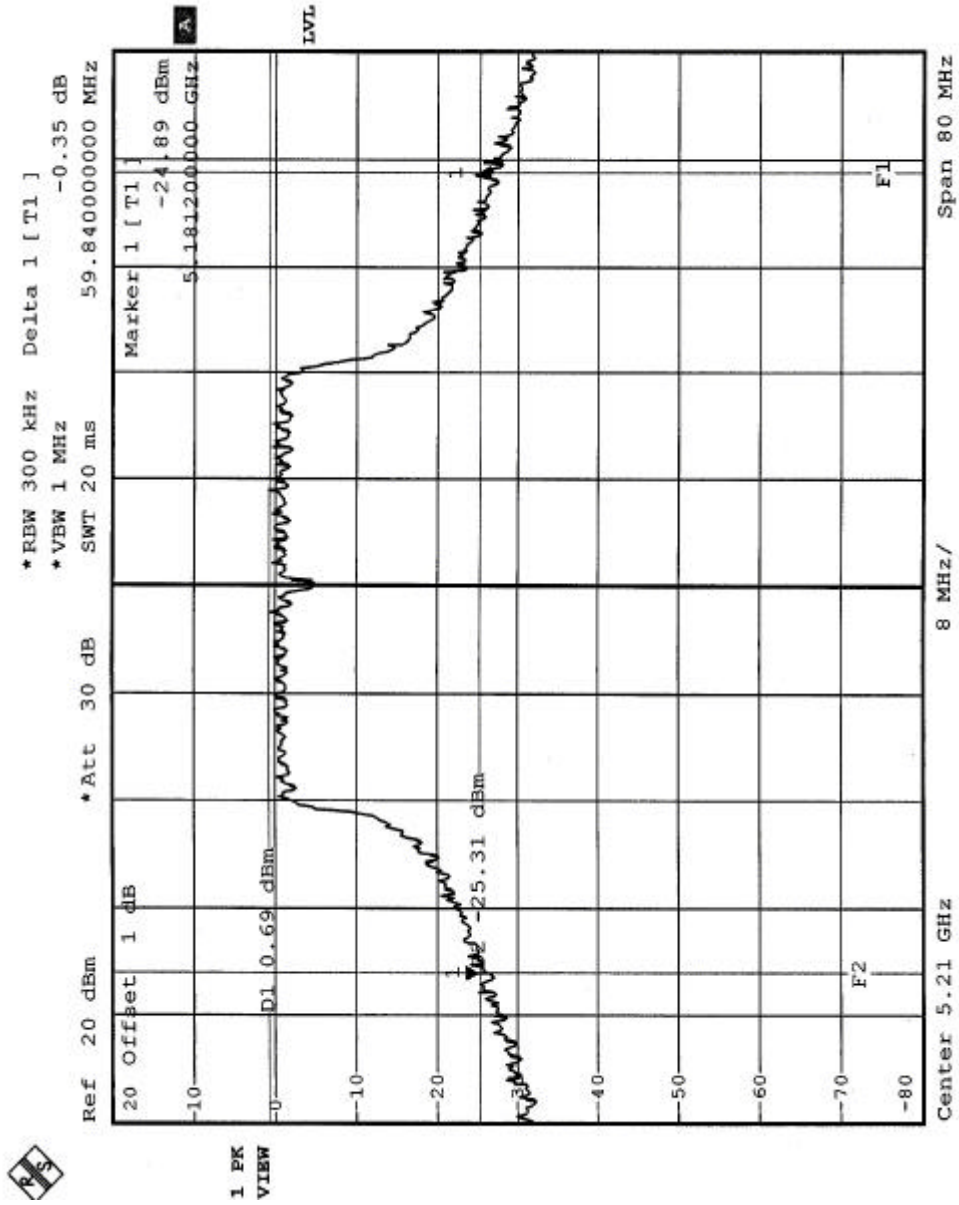


CHANNEL 3



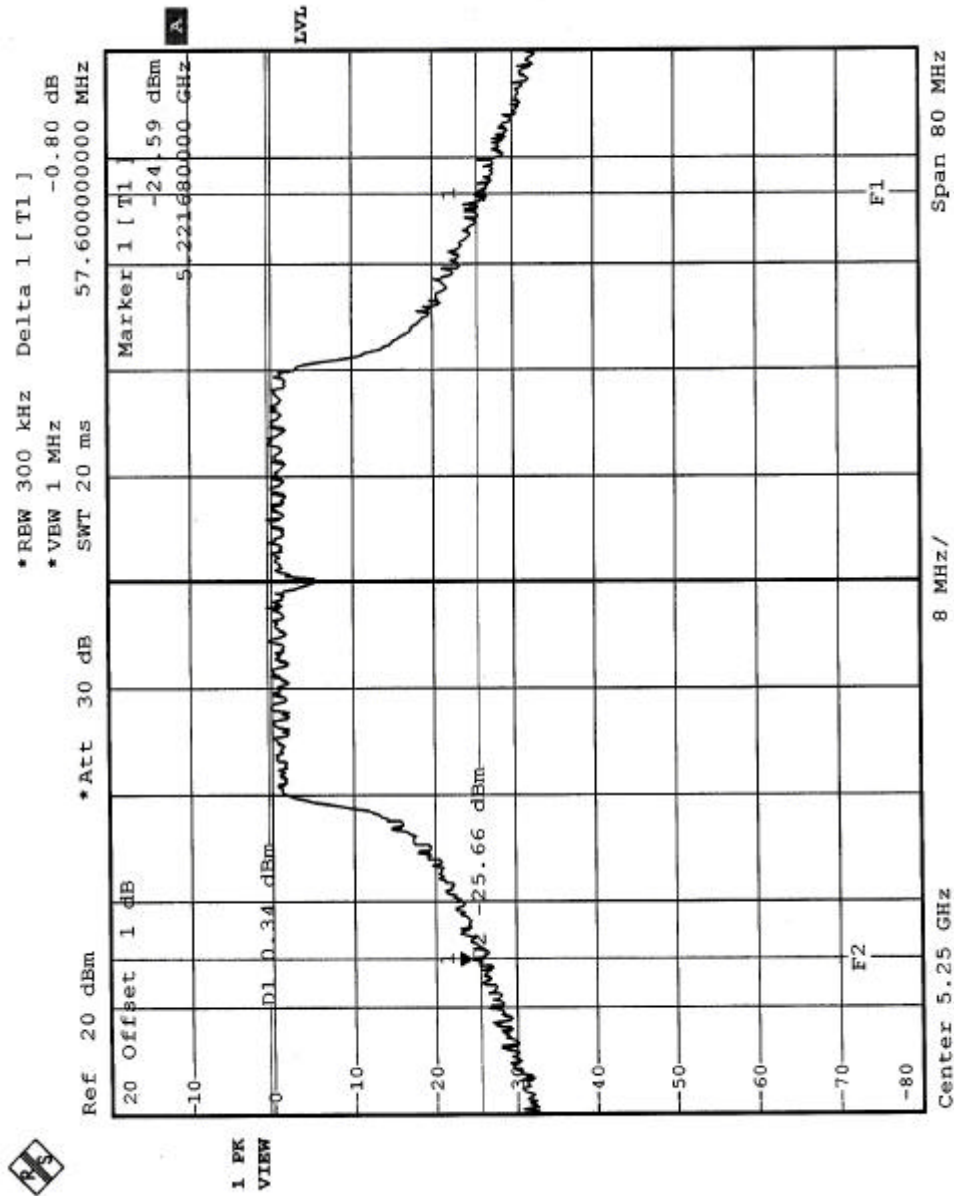


CHANNEL 1



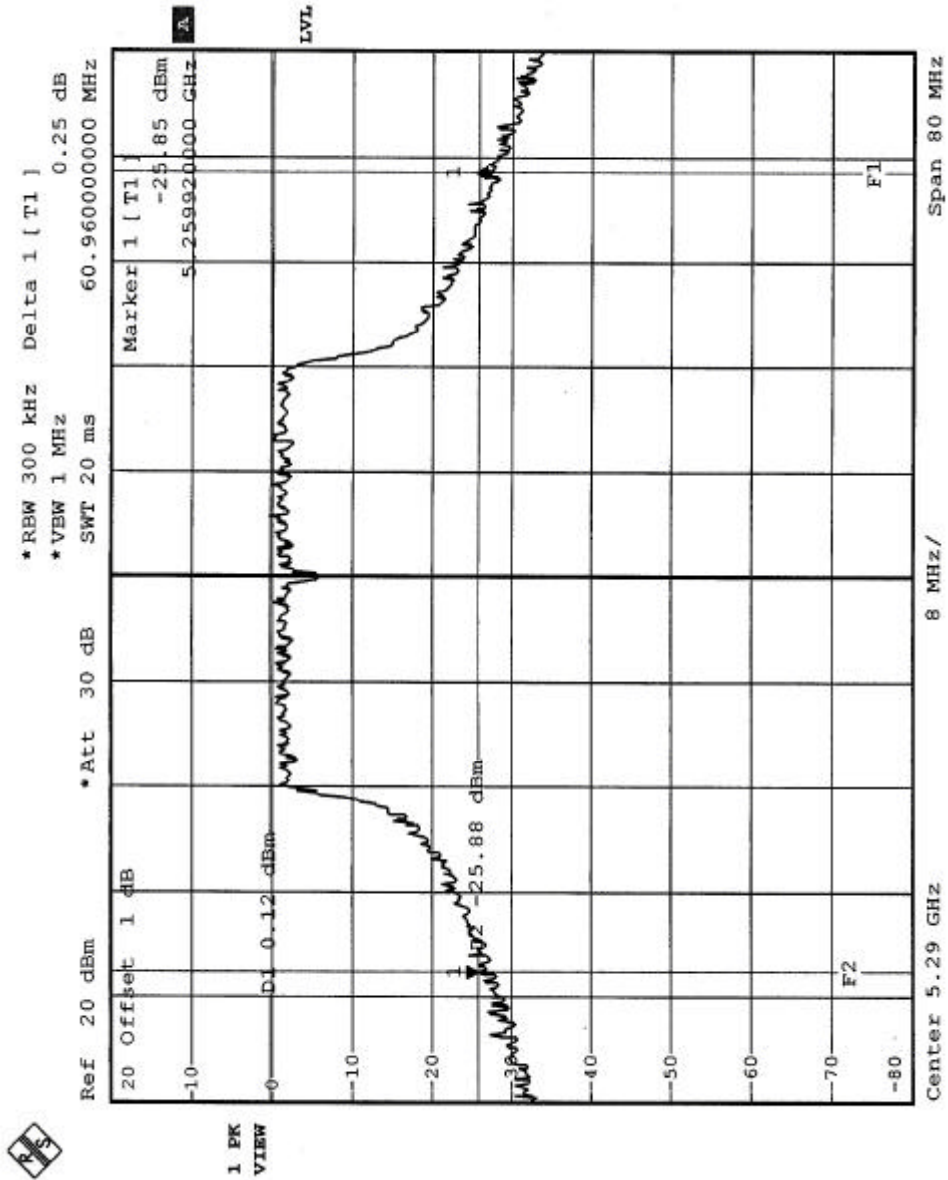


CHANNEL 2





CHANNEL 3





5.3.7 TEST RESULTS (B)

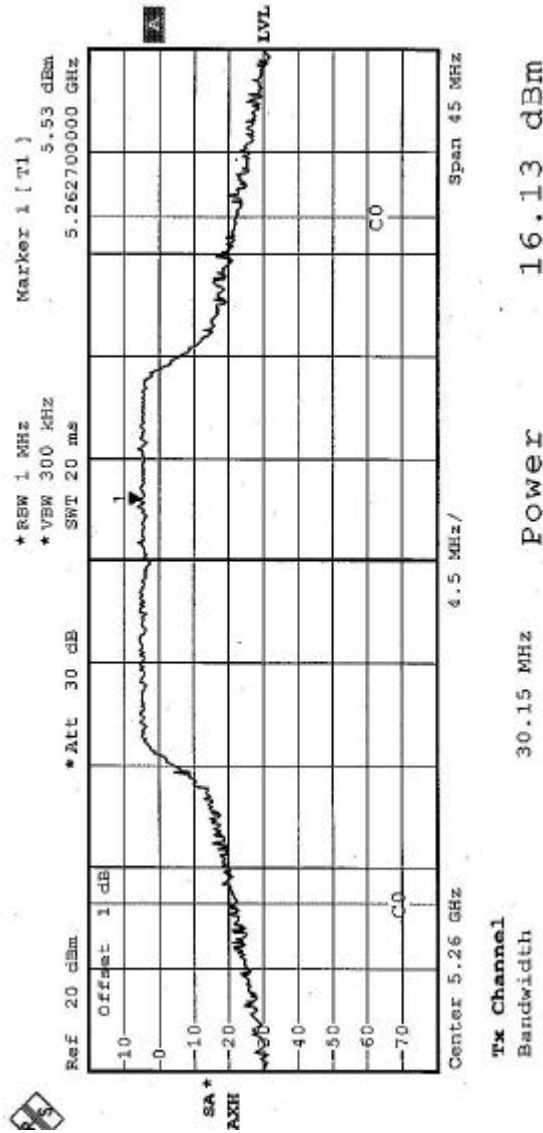
EUT	Wireless LAN Access Point	MODEL	A300-2
MODE	Normal	INPUT POWER (SYSTEM)	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	21eg. C, 58RH, 969 hPa	TESTED BY	Eric Lee

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	26dBc Occupied Bandwidth (MHz)	PASS/FAIL
5	5260	16.13	24.00	30.15	PASS
8	5320	17.72	24.00	30.69	PASS

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

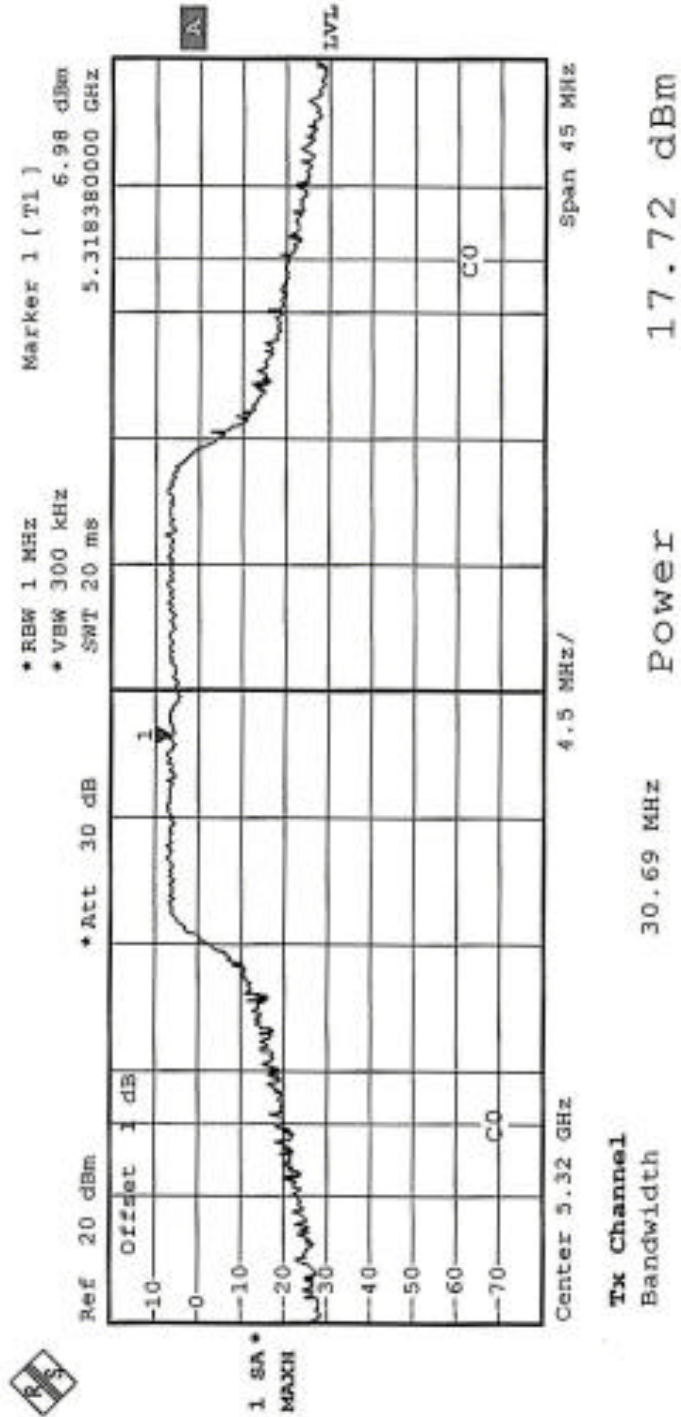


CHANNEL 5



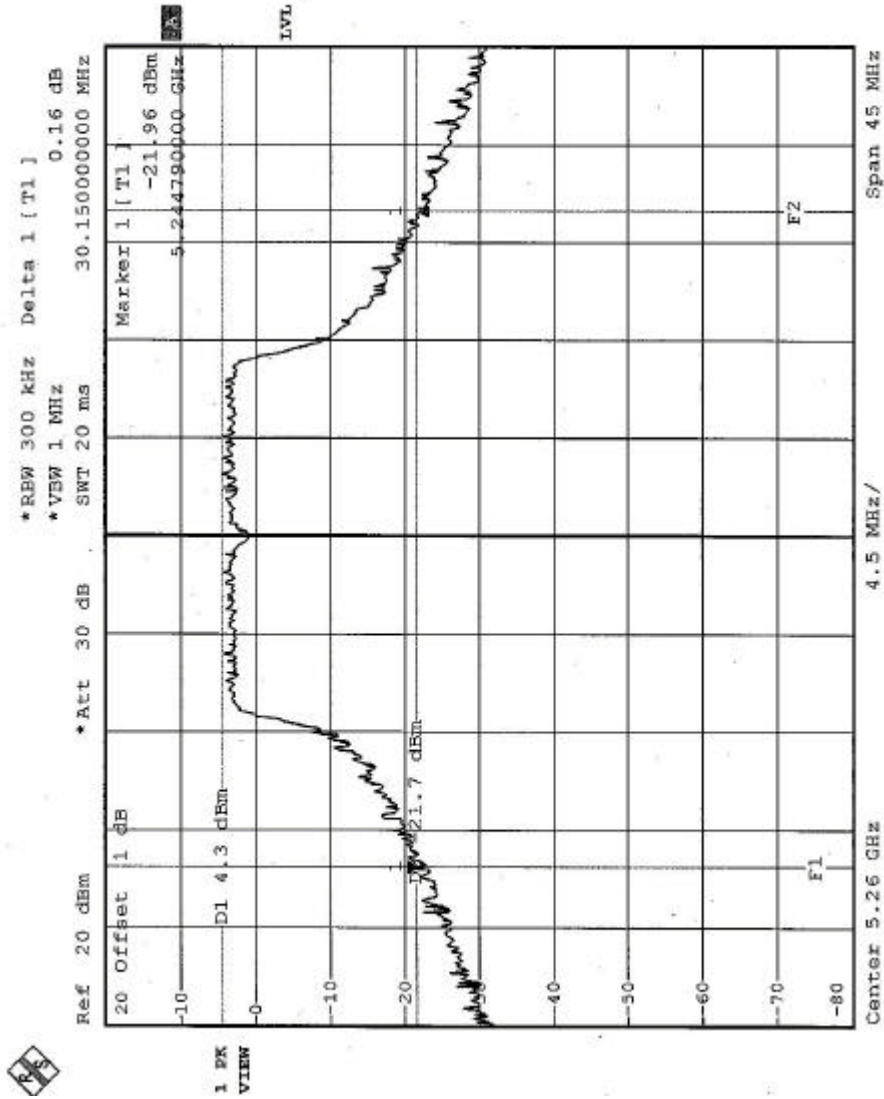


CHANNEL 8



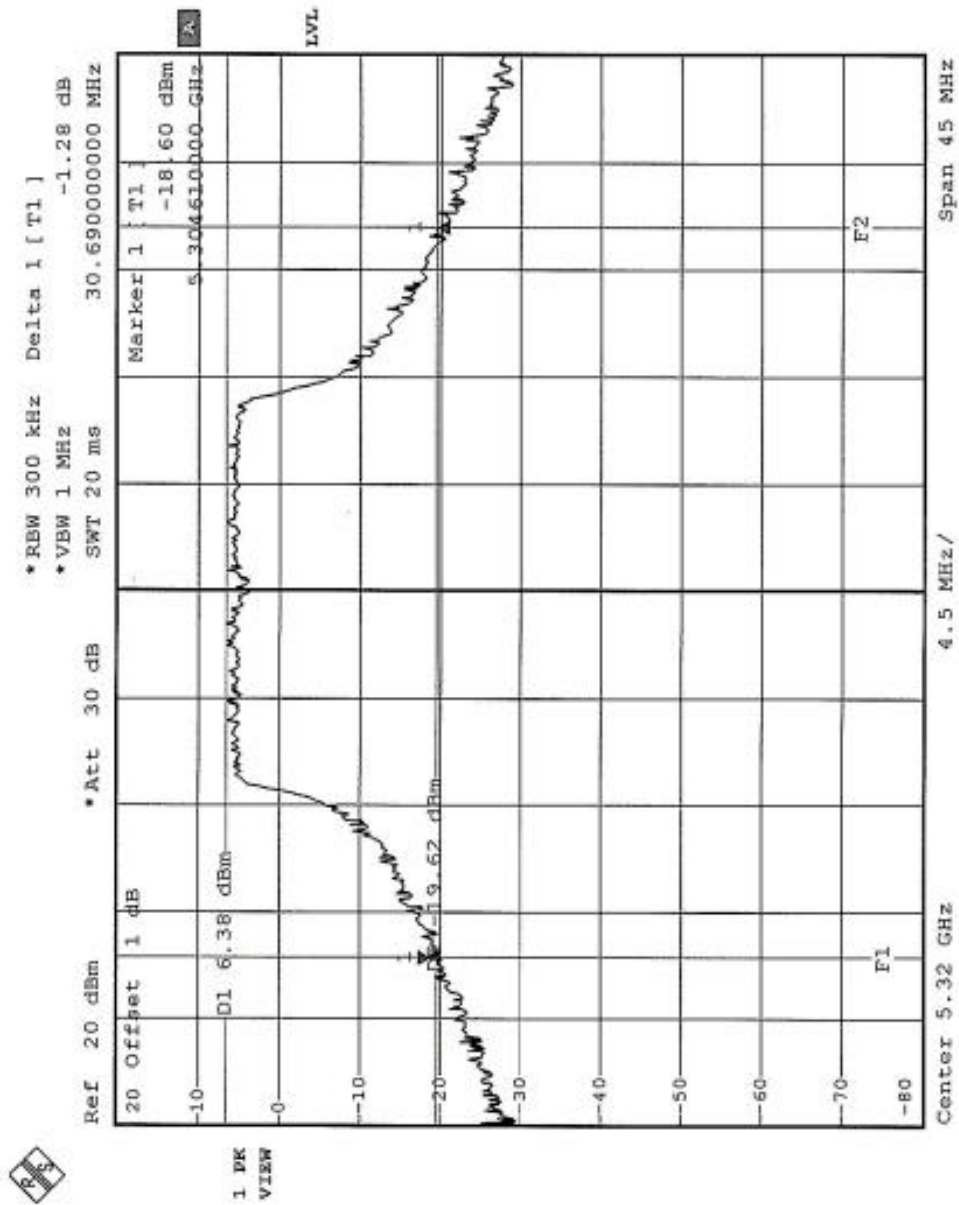


CHANNEL 5





CHANNEL 8





EUT	Wireless LAN Access Point	MODEL	A300-2
MODE	Turbo	INPUT POWER (SYSTEM)	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	25eg. C, 66RH, 969 hPa	TESTED BY	Eric Lee

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	26dBc Occupied Bandwidth (MHz)	PASS/FAIL
3	5290	12.94	24.00	54.50	PASS

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