

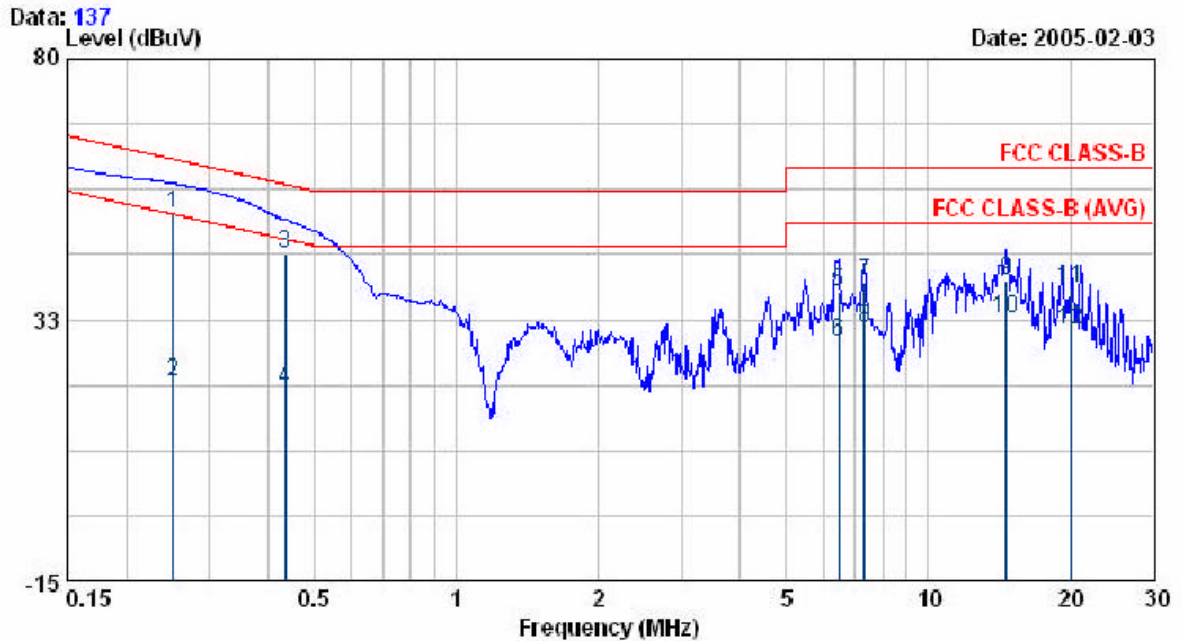
4.2. Test Result of Conducted Emission

The test result including three kind of power adaptor

Test mode 1: Adaptor Model: AD-121A2

EUT : WGR613VAL
 Power : AC 110V
 Test Mode : 802.11b CH L0
 Memo : AD-121A2

Pol/Phase : NEUTRAL
 Temperature : 25 °C
 Humidity : 58 %



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.251	51.63	0.30	51.93	61.73	-9.80	QP
0.251	21.02	0.30	21.32	51.73	-30.41	AVERAGE
0.435	44.12	0.49	44.61	57.15	-12.54	QP
0.435	19.44	0.49	19.93	47.15	-27.22	AVERAGE
6.451	36.88	0.50	37.38	60.00	-22.62	QP
6.451	27.83	0.50	28.33	50.00	-21.67	AVERAGE
7.325	38.65	0.50	39.15	60.00	-20.85	QP
7.325	30.52	0.50	31.02	50.00	-18.98	AVERAGE
14.618	38.96	0.78	39.74	60.00	-20.26	QP
14.618	32.01	0.78	32.79	50.00	-17.21	AVERAGE
20.099	37.63	0.70	38.33	60.00	-21.67	QP
20.099	29.81	0.70	30.51	50.00	-19.49	AVERAGE

Remarks: 1. Level = Read Level + Factor
 2. Factor = LISN(15N) Factor + Cable Loss

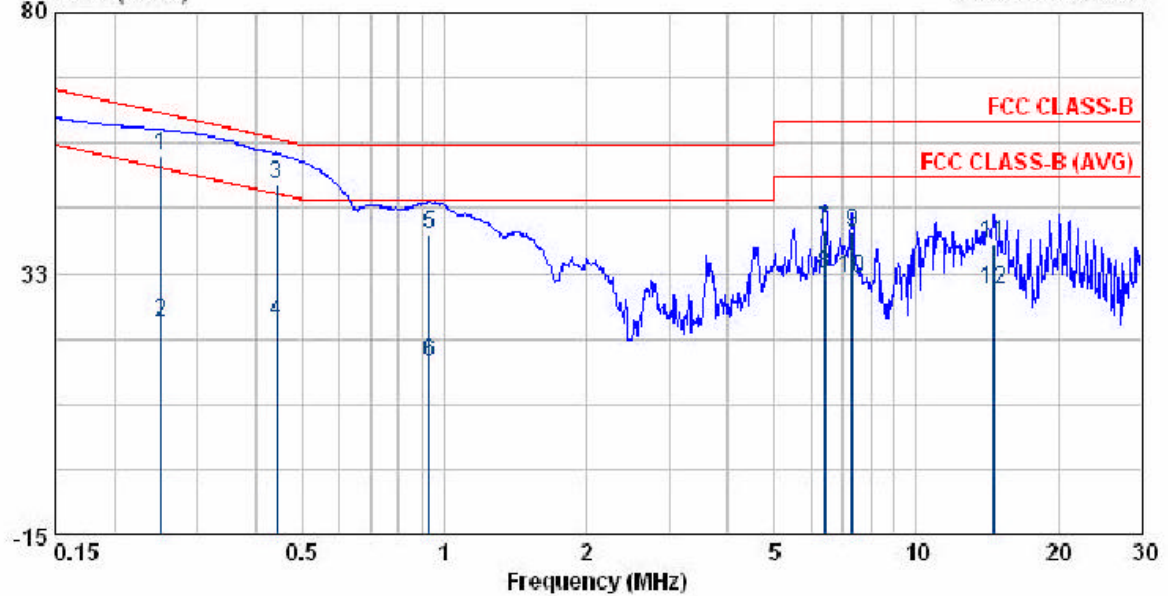
EUT : WGR613VAL
 Power : AC 110V
 Test Mode : 802.11b CH L0
 Memo : AD-121A2

Pol/Phase : LINE
 Temperature : 25 °C
 Humidity : 58 %

Data: 136

Level (dBuV)

Date: 2005-02-03



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.251	53.46	0.30	53.76	61.73	-7.97	QP
0.251	23.36	0.30	23.66	51.73	-28.07	AVERAGE
0.442	48.32	0.49	48.81	57.02	-8.21	QP
0.442	23.14	0.49	23.63	47.02	-23.39	AVERAGE
0.928	39.33	0.41	39.74	56.00	-16.26	QP
0.928	15.93	0.41	16.34	46.00	-29.66	AVERAGE
6.409	39.96	0.45	40.41	60.00	-19.59	QP
6.409	31.77	0.45	32.22	50.00	-17.78	AVERAGE
7.317	39.46	0.43	39.89	60.00	-20.11	QP
7.317	31.33	0.43	31.76	50.00	-18.24	AVERAGE
14.652	37.03	0.78	37.81	60.00	-22.19	QP
14.652	28.63	0.78	29.41	50.00	-20.59	AVERAGE

Remarks: 1. Level = Read Level + Factor
 2. Factor = LISN(15N) Factor + Cable Loss

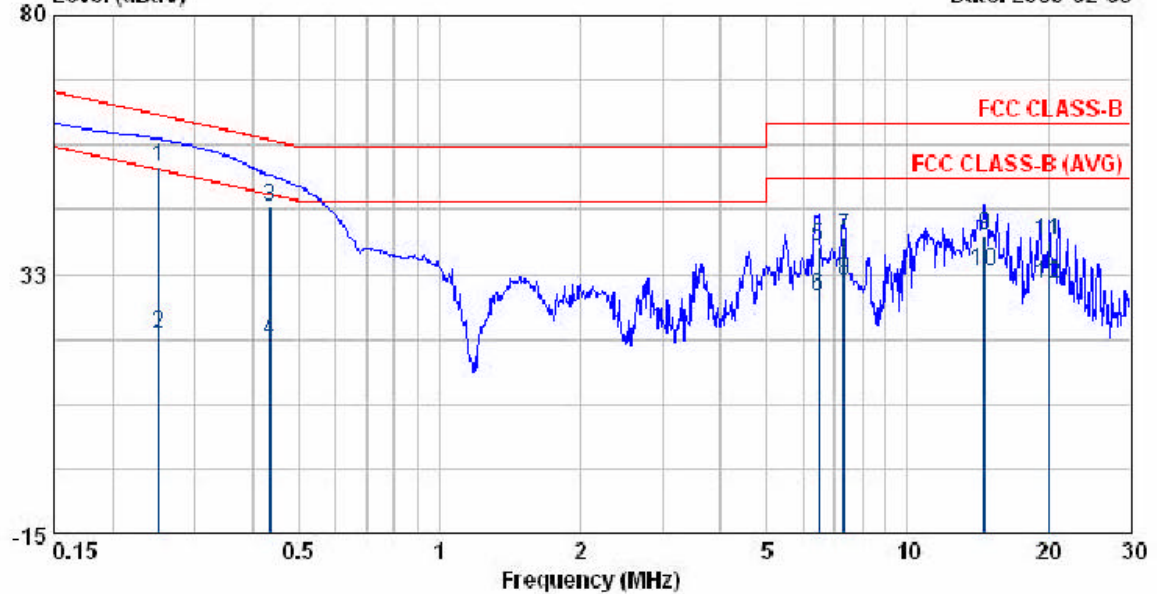
EUT : WGR613VAL
 Power : AC 110V
 Test Mode : 802.11b CH MID
 Memo : AD-121A2

Pol/Phase : NEUTRAL
 Temperature : 25 °C
 Humidity : 58 %

Data: 133

Level (dBuV)

Date: 2005-02-03



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.251	51.71	0.30	52.01	61.73	-9.72	QP
0.251	21.13	0.30	21.43	51.73	-30.30	AVERAGE
0.435	44.21	0.49	44.70	57.15	-12.45	QP
0.435	19.63	0.49	20.12	47.15	-27.03	AVERAGE
6.451	36.96	0.50	37.46	60.00	-22.54	QP
6.451	27.93	0.50	28.43	50.00	-21.57	AVERAGE
7.325	38.74	0.50	39.24	60.00	-20.76	QP
7.325	30.64	0.50	31.14	50.00	-18.86	AVERAGE
14.618	38.74	0.78	39.52	60.00	-20.48	QP
14.618	32.14	0.78	32.92	50.00	-17.08	AVERAGE
20.099	37.74	0.70	38.44	60.00	-21.56	QP
20.099	29.75	0.70	30.45	50.00	-19.55	AVERAGE

Remarks: 1. Level = Read Level + Factor
 2. Factor = LISN(15N) Factor + Cable Loss

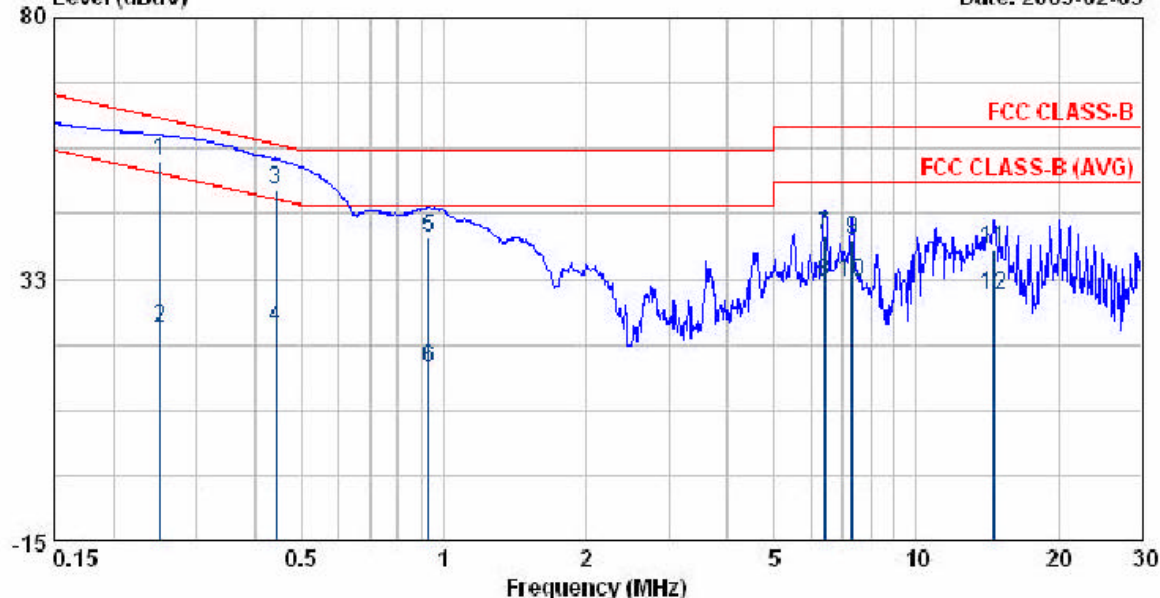
EUT : WGR613VAL
 Power : AC 110V
 Test Mode : 802.11b CH MID
 Memo : AD-121A2

Pol/Phase : LINE
 Temperature : 25 °C
 Humidity : 58 %

Data: 135

Level (dBuV)

Date: 2005-02-03



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.251	53.55	0.30	53.85	61.73	-7.88	QP
0.251	23.34	0.30	23.64	51.73	-28.09	AVERAGE
0.442	48.12	0.49	48.61	57.02	-8.41	QP
0.442	23.21	0.49	23.70	47.02	-23.32	AVERAGE
0.928	39.42	0.41	39.83	56.00	-16.17	QP
0.928	15.87	0.41	16.28	46.00	-29.72	AVERAGE
6.409	40.01	0.45	40.46	60.00	-19.54	QP
6.409	31.63	0.45	32.08	50.00	-17.92	AVERAGE
7.317	39.26	0.43	39.69	60.00	-20.31	QP
7.317	31.43	0.43	31.86	50.00	-18.14	AVERAGE
14.652	37.13	0.78	37.91	60.00	-22.09	QP
14.652	28.61	0.78	29.39	50.00	-20.61	AVERAGE

Remarks: 1. Level = Read Level + Factor

2. Factor = LISN(1SN) Factor + Cable Loss

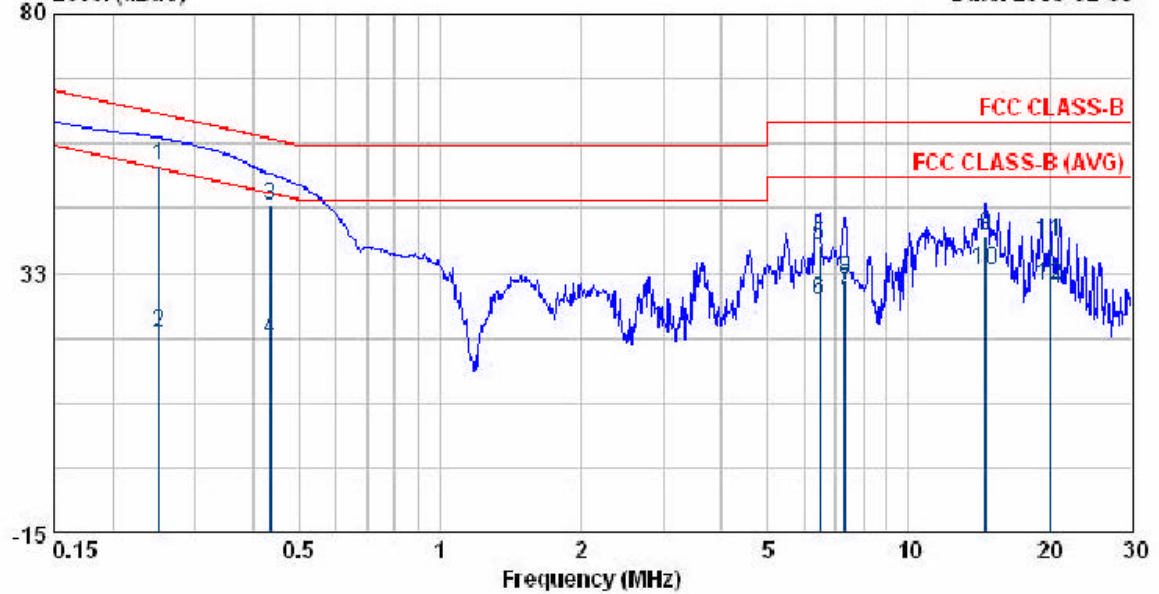
EUT : WGR613VAL
 Power : AC 110V
 Test Mode : BD2.11b CH HI
 Memo : AD-121A2

Pol/Phase : NEUTRAL
 Temperature : 25 °C
 Humidity : 58 %

Data: 132

Level (dBuV)

Date: 2005-02-03



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.251	51.69	0.30	51.99	61.73	-9.74	QP
0.251	21.10	0.30	21.40	51.73	-30.33	AVERAGE
0.435	44.36	0.49	44.85	57.15	-12.30	QP
0.435	19.75	0.49	20.24	47.15	-26.91	AVERAGE
6.451	37.01	0.50	37.51	60.00	-22.49	QP
6.451	27.03	0.50	27.53	50.00	-22.47	AVERAGE
7.325	28.83	0.50	29.33	60.00	-30.67	QP
7.325	30.74	0.50	31.24	50.00	-18.76	AVERAGE
14.618	38.63	0.78	39.41	60.00	-20.59	QP
14.618	32.32	0.78	33.10	50.00	-16.90	AVERAGE
20.099	37.69	0.70	38.39	60.00	-21.61	QP
20.099	29.63	0.70	30.33	50.00	-19.67	AVERAGE

Remarks: 1. Level = Read Level + Factor
 2. Factor = LISN(ISN) Factor + Cable Loss

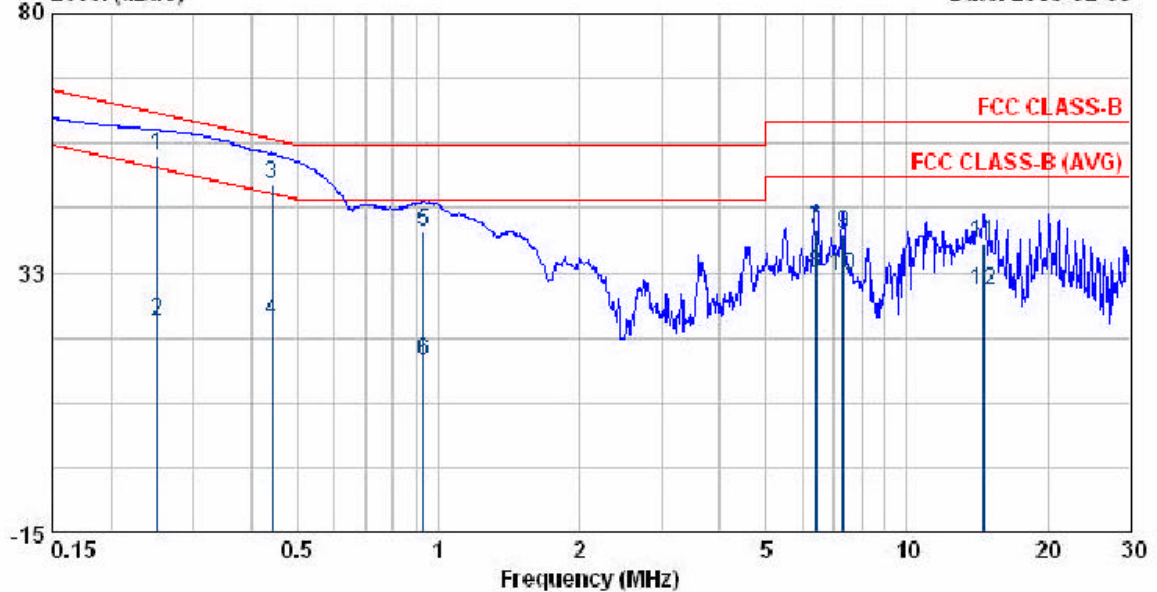
EUT : WGR613VAL
 Power : AC 110V
 Test Mode : 802.11b CH HI
 Memo : AD-121A2

Pol/Phase : LINE
 Temperature : 25 °C
 Humidity : 58 %

Data: 134

Level (dBuV)

Date: 2005-02-03



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.251	53.63	0.30	53.93	61.73	-7.80	QP
0.251	23.34	0.30	23.64	51.73	-28.09	AVERAGE
0.442	48.12	0.49	48.61	57.02	-8.41	QP
0.442	23.21	0.49	23.70	47.02	-23.32	AVERAGE
0.928	39.42	0.41	39.83	56.00	-16.17	QP
0.928	15.96	0.41	16.37	46.00	-29.63	AVERAGE
6.409	39.92	0.45	40.37	60.00	-19.63	QP
6.409	31.75	0.45	32.20	50.00	-17.80	AVERAGE
7.317	39.36	0.43	39.79	60.00	-20.21	QP
7.317	31.53	0.43	31.96	50.00	-18.04	AVERAGE
14.652	37.23	0.78	38.01	60.00	-21.99	QP
14.652	28.56	0.78	29.34	50.00	-20.66	AVERAGE

Remarks: 1. Level = Read Level + Factor
 2. Factor = LISN(ISN) Factor + Cable Loss

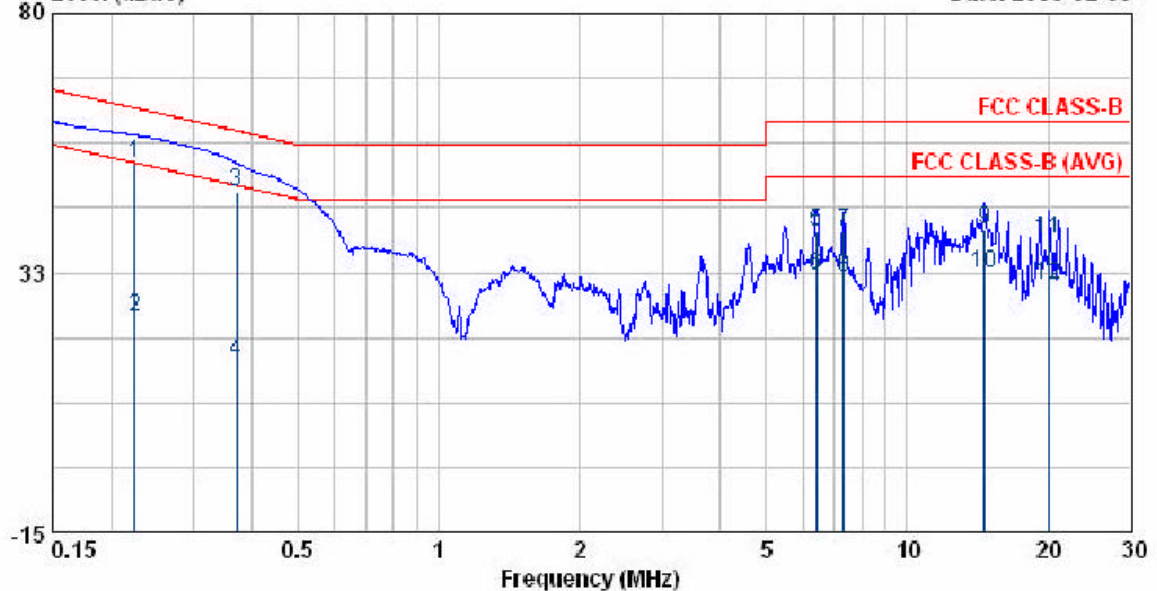
EUT : WGR613VAL
 Power : AC 110V
 Test Mode : 802.11g CH L0
 Memo : AD-121A2

Pol/Phase : NEUTRAL
 Temperature : 25 °C
 Humidity : 58 %

Data: 130

Level (dBuV)

Date: 2005-02-03



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.225	52.20	0.25	52.45	62.64	-10.19	QP
0.225	24.07	0.25	24.32	52.64	-28.32	AVERAGE
0.371	46.78	0.47	47.25	58.47	-11.23	QP
0.371	15.85	0.47	16.32	48.47	-32.16	AVERAGE
6.414	39.53	0.50	40.03	60.00	-19.97	QP
6.414	31.37	0.50	31.87	50.00	-18.13	AVERAGE
7.325	39.32	0.50	39.82	60.00	-20.18	QP
7.325	31.24	0.50	31.74	50.00	-18.26	AVERAGE
14.644	39.69	0.78	40.47	60.00	-19.53	QP
14.644	31.43	0.78	32.21	50.00	-17.79	AVERAGE
20.097	37.80	0.70	38.50	60.00	-21.50	QP
20.097	29.63	0.70	30.33	50.00	-19.67	AVERAGE

Remarks: 1. Level = Read Level + Factor
 2. Factor = LISN(ISN) Factor + Cable Loss

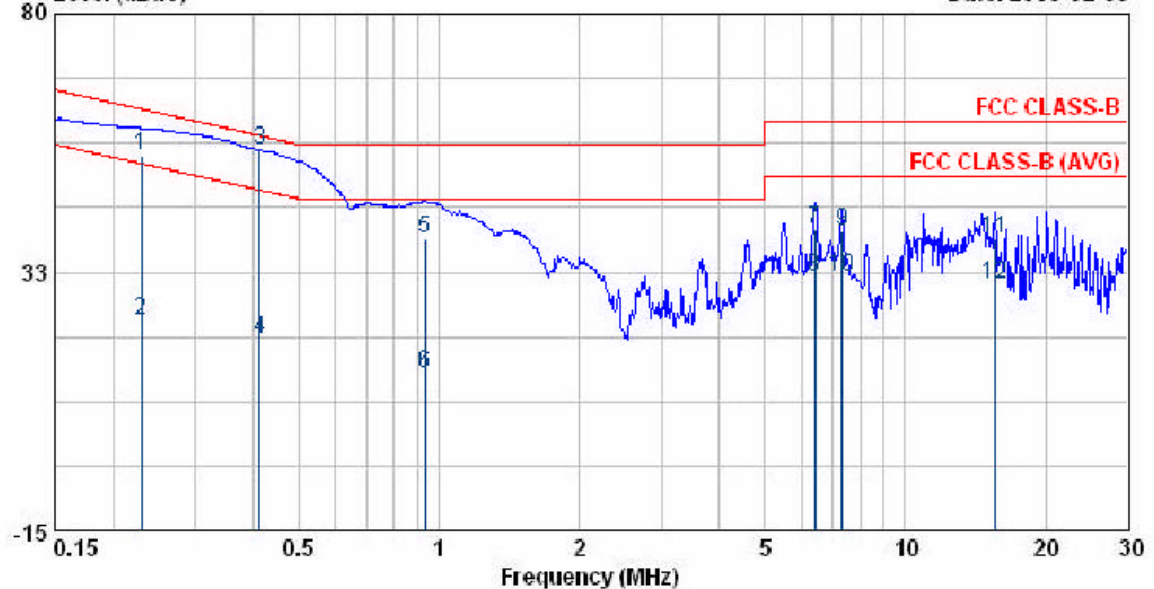
EUT : WGR613VAL
 Power : AC 110V
 Test Mode : 802.11g CH L0
 Memo : AD-121A2

Pol/Phase : LINE
 Temperature : 25 °C
 Humidity : 58 %

Data: 131

Level (dBuV)

Date: 2005-02-03



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.230	53.70	0.26	53.96	62.44	-8.47	QP
0.230	23.49	0.26	23.75	52.44	-28.68	AVERAGE
0.413	54.40	0.50	54.90	57.59	-2.70	QP
0.413	19.78	0.50	20.28	47.59	-27.32	AVERAGE
0.933	38.13	0.41	38.54	56.00	-17.46	QP
0.933	13.32	0.41	13.73	46.00	-32.27	AVERAGE
6.420	39.76	0.45	40.21	60.00	-19.79	QP
6.420	31.08	0.45	31.53	50.00	-18.47	AVERAGE
7.326	39.57	0.43	40.00	60.00	-20.00	QP
7.326	31.21	0.43	31.64	50.00	-18.36	AVERAGE
15.537	37.70	0.79	38.49	60.00	-21.51	QP
15.537	29.53	0.79	30.32	50.00	-19.68	AVERAGE

Remarks: 1. Level = Read Level + Factor
 2. Factor = LISN(1SN) Factor + Cable Loss

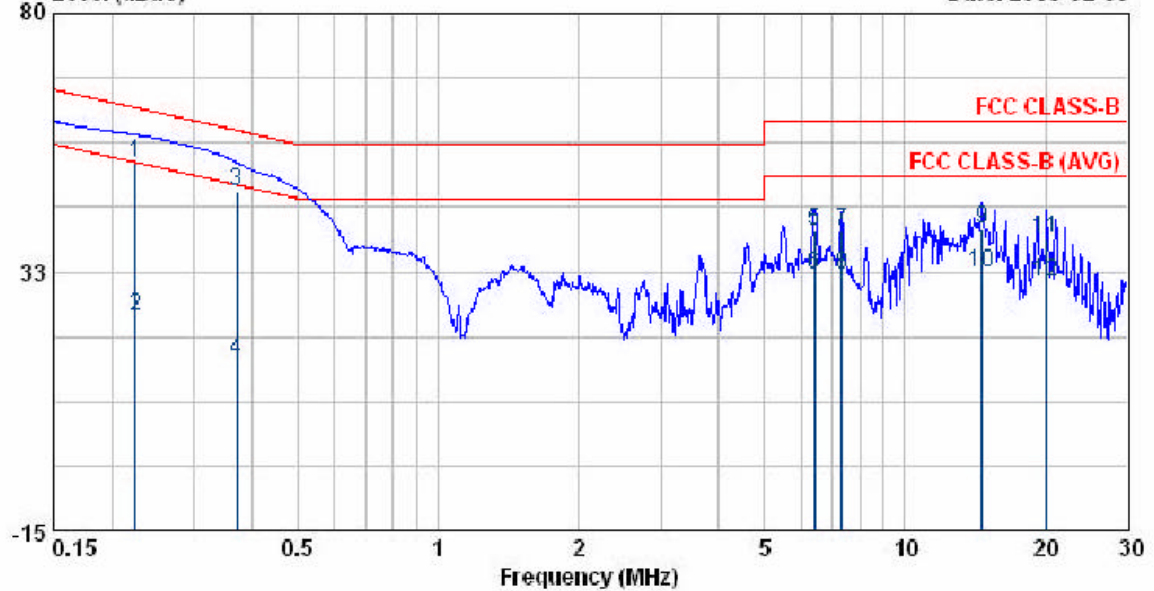
EUT : WGR613VAL
 Power : AC 110V
 Test Mode : 802.11g CH MID
 Memo : AD-121A2

Pol/Phase : NEUTRAL
 Temperature : 25 °C
 Humidity : 58 %

Data: 129

Level (dBuV)

Date: 2005-02-03



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.225	52.31	0.25	52.56	62.64	-10.08	QP
0.225	24.13	0.25	24.38	52.64	-28.26	AVERAGE
0.371	46.88	0.47	47.35	58.47	-11.13	QP
0.371	15.93	0.47	16.40	48.47	-32.08	AVERAGE
6.414	39.53	0.50	40.03	60.00	-19.97	QP
6.414	31.37	0.50	31.87	50.00	-18.13	AVERAGE
7.325	39.41	0.50	39.91	60.00	-20.09	QP
7.325	31.33	0.50	31.83	50.00	-18.17	AVERAGE
14.644	39.51	0.78	40.29	60.00	-19.71	QP
14.644	31.43	0.78	32.21	50.00	-17.79	AVERAGE
20.097	37.93	0.70	38.63	60.00	-21.37	QP
20.097	29.71	0.70	30.41	50.00	-19.59	AVERAGE

Remarks: 1. Level = Read Level + Factor
 2. Factor = LISN(ISN) Factor + Cable Loss