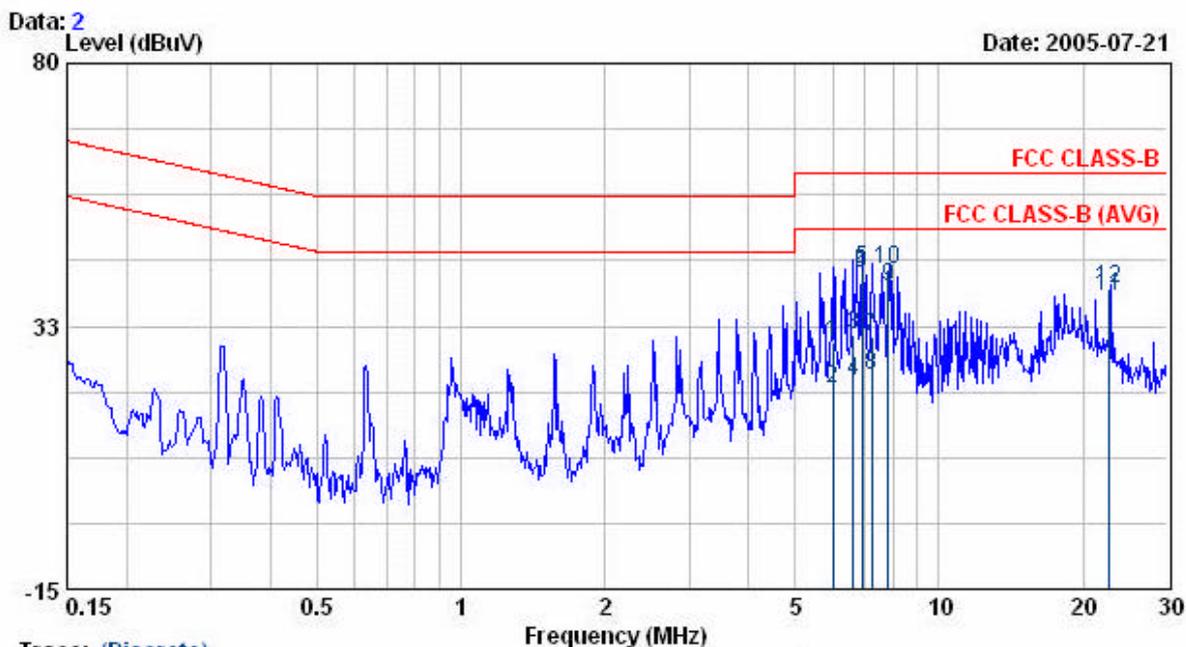


Test Adaptor 2 : DV-151A-1

EUT : MBR814X  
 Power : AC 120V  
 Test Mode : 802.11b\_ch1  
 Memo : DV151A-1

Pol/Phase : NEUTRAL  
 Temperature : 25 °C  
 Humidity : 64 %



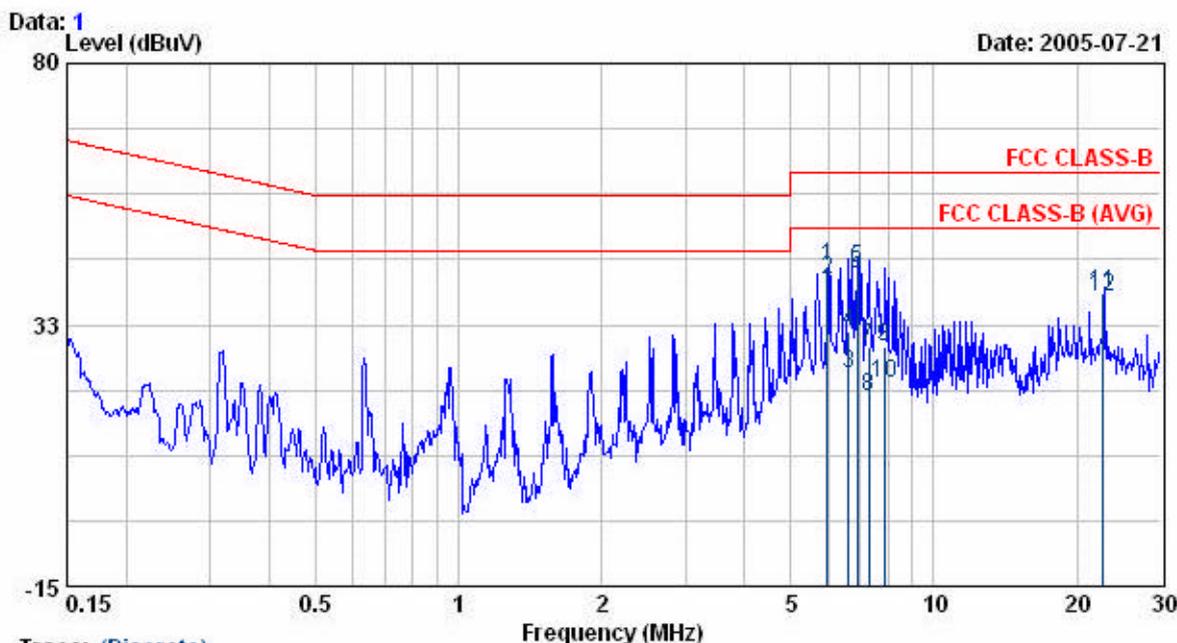
Trace: (Discrete)

Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
5.99	28.87	0.60	29.47	60.00	-30.53	QP
5.99	20.51	0.60	21.11	50.00	-28.89	AVERAGE
6.61	30.21	0.60	30.81	60.00	-29.19	QP
6.61	22.11	0.60	22.71	50.00	-27.29	AVERAGE
6.91	42.30	0.60	42.90	60.00	-17.10	QP
6.91	41.45	0.60	42.05	50.00	-7.95	AVERAGE
7.24	29.98	0.60	30.58	60.00	-29.42	QP
7.24	23.11	0.60	23.71	50.00	-26.29	AVERAGE
7.85	39.04	0.60	39.64	50.00	-10.36	AVERAGE
7.85	42.01	0.60	42.61	60.00	-17.39	QP
22.75	37.10	0.80	37.90	50.00	-12.10	AVERAGE
22.75	38.39	0.80	39.19	60.00	-20.81	QP

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

EUT : MBR814X  
 Power : AC 120V  
 Test Mode : 802.11b\_ch1  
 Memo : DV151A-1

Pol/Phase : LINE  
 Temperature : 25 °C  
 Humidity : 64 %



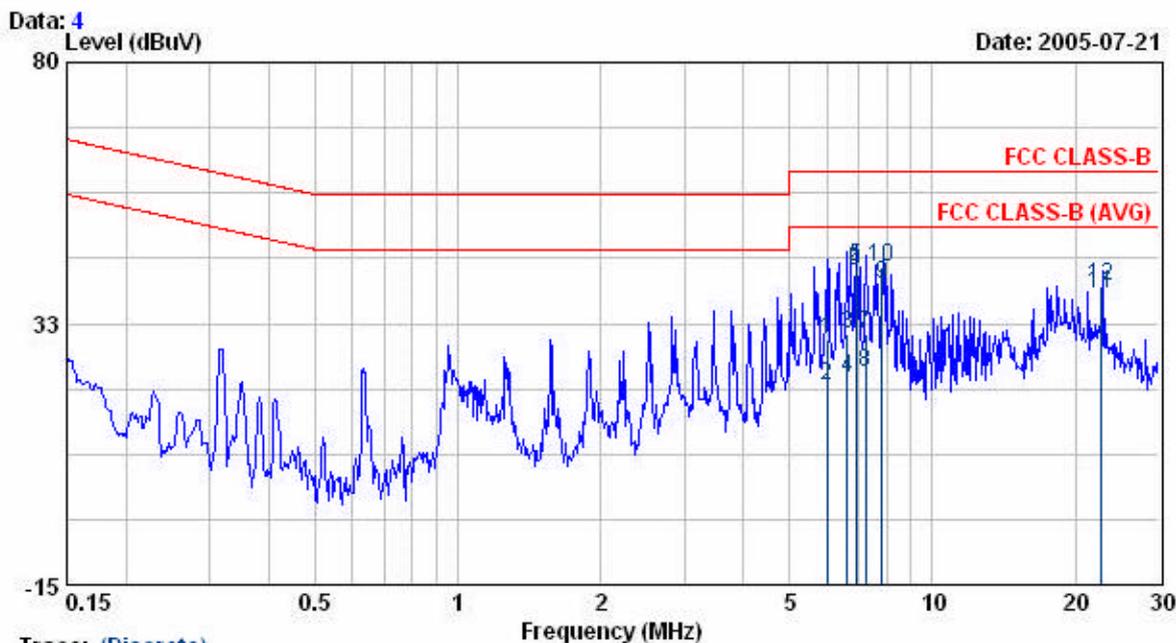
Trace: (Discrete)

Freq MHz	Read Level dBuV	Factor dB	Level dBuV	Limit dBuV	Over Limit dBuV	Remark
5.97	42.50	0.66	43.16	60.00	-16.84	QP
5.97	40.16	0.66	40.82	50.00	-9.18	AVERAGE
6.62	23.00	0.65	23.65	50.00	-26.35	AVERAGE
6.62	30.59	0.65	31.24	60.00	-28.76	QP
6.91	41.98	0.64	42.62	60.00	-17.38	QP
6.91	41.07	0.64	41.71	50.00	-8.29	AVERAGE
7.30	27.77	0.63	28.40	60.00	-31.60	QP
7.30	18.86	0.63	19.49	50.00	-30.51	AVERAGE
7.88	27.90	0.63	28.53	60.00	-31.47	QP
7.88	21.11	0.63	21.74	50.00	-28.26	AVERAGE
22.75	37.53	0.72	38.25	60.00	-21.75	QP
22.75	36.94	0.72	37.66	50.00	-12.34	AVERAGE

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

EUT : MBR814X  
 Power : AC 120V  
 Test Mode : 802.11b\_ch6  
 Memo : DV151A-1

Pol/Phase : NEUTRAL  
 Temperature : 25 °C  
 Humidity : 64 %



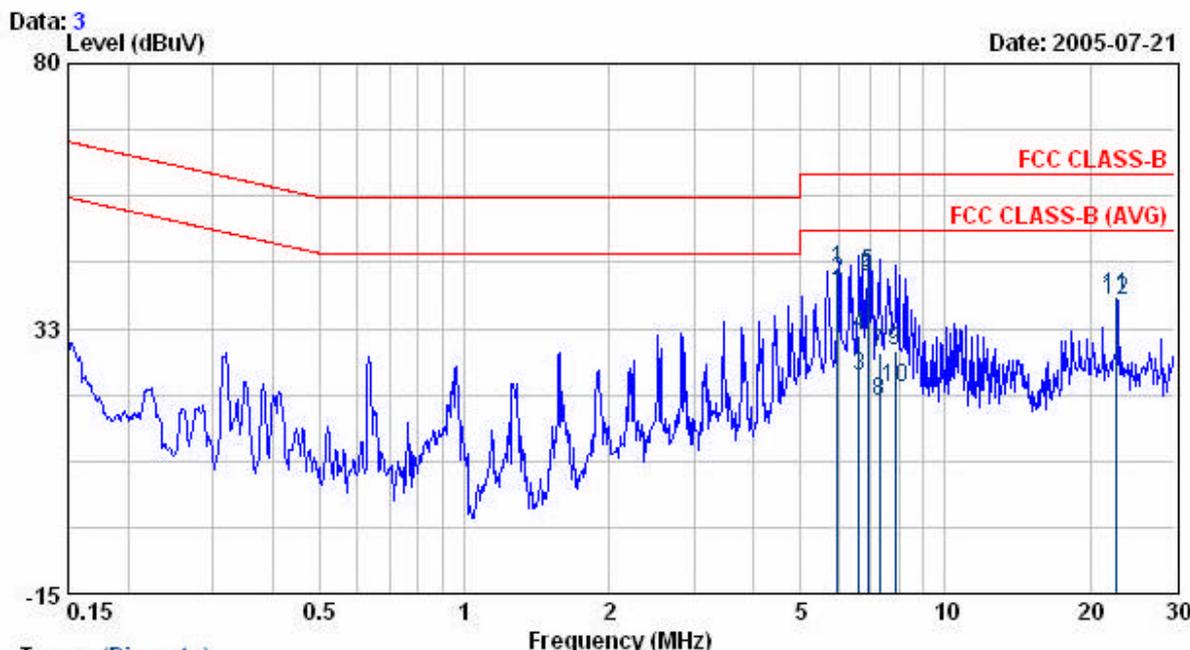
Trace: (Discrete)

Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
5.99	28.78	0.60	29.38	60.00	-30.62	QP
5.99	20.60	0.60	21.20	50.00	-28.80	AVERAGE
6.61	30.06	0.60	30.66	60.00	-29.34	QP
6.61	22.08	0.60	22.68	50.00	-27.32	AVERAGE
6.91	42.11	0.60	42.71	60.00	-17.29	QP
6.91	41.39	0.60	41.99	50.00	-8.01	AVERAGE
7.24	30.02	0.60	30.62	60.00	-29.38	QP
7.24	23.20	0.60	23.80	50.00	-26.20	AVERAGE
7.85	39.04	0.60	39.64	50.00	-10.36	AVERAGE
7.85	42.01	0.60	42.61	60.00	-17.39	QP
22.75	37.05	0.80	37.85	50.00	-12.15	AVERAGE
22.75	38.36	0.80	39.16	60.00	-20.84	QP

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

EUT : MBR814X  
 Power : AC 120V  
 Test Mode : 802.11b\_ch6  
 Memo : DV151A-1

Pol/Phase : LINE  
 Temperature : 25 °C  
 Humidity : 64 %



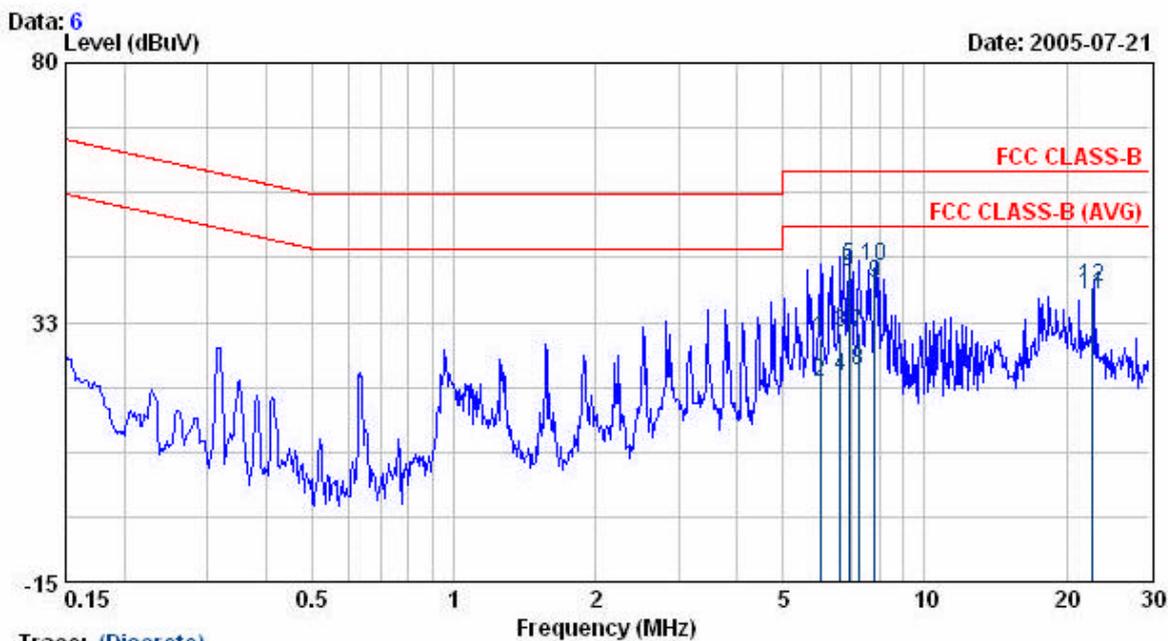
Trace: (Discrete)

Freq	Read	Factor	Level	Limit	Over	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
5.97	42.55	0.66	43.21	60.00	-16.79	QP
5.97	40.22	0.66	40.88	50.00	-9.12	AVERAGE
6.62	23.20	0.65	23.85	50.00	-26.15	AVERAGE
6.62	30.73	0.65	31.38	60.00	-28.62	QP
6.91	41.78	0.64	42.42	60.00	-17.58	QP
6.91	40.99	0.64	41.63	50.00	-8.37	AVERAGE
7.30	27.68	0.63	28.31	60.00	-31.69	QP
7.30	18.90	0.63	19.53	50.00	-30.47	AVERAGE
7.88	27.93	0.63	28.56	60.00	-31.44	QP
7.88	21.13	0.63	21.76	50.00	-28.24	AVERAGE
22.75	37.53	0.72	38.25	60.00	-21.75	QP
22.75	36.96	0.72	37.68	50.00	-12.32	AVERAGE

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

EUT : MBR814X  
 Power : AC 120V  
 Test Mode : 802.11b\_ch11  
 Memo : DV151A-1

Pol/Phase : NEUTRAL  
 Temperature : 25 °C  
 Humidity : 64 %



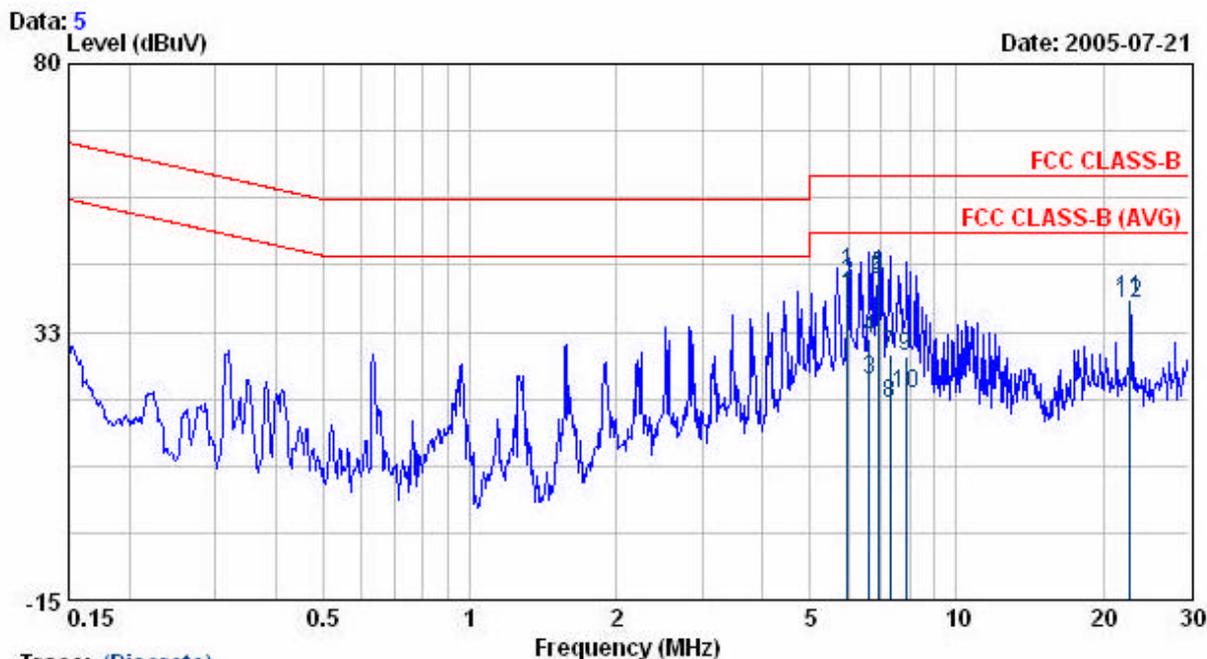
Trace: (Discrete)

Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
5.99	28.84	0.60	29.44	60.00	-30.56	QP
5.99	20.77	0.60	21.37	50.00	-28.63	AVERAGE
6.61	30.15	0.60	30.75	60.00	-29.25	QP
6.61	22.14	0.60	22.74	50.00	-27.26	AVERAGE
6.91	42.03	0.60	42.63	60.00	-17.37	QP
6.91	41.29	0.60	41.89	50.00	-8.11	AVERAGE
7.24	29.90	0.60	30.50	60.00	-29.50	QP
7.24	23.09	0.60	23.69	50.00	-26.31	AVERAGE
7.85	39.03	0.60	39.63	50.00	-10.37	AVERAGE
7.85	42.01	0.60	42.61	60.00	-17.39	QP
22.75	36.88	0.80	37.68	50.00	-12.32	AVERAGE
22.75	38.21	0.80	39.01	60.00	-20.99	QP

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

EUT : MBR814X  
 Power : AC 120V  
 Test Mode : 802.11b\_ch11  
 Memo : DV151A-1

Pol/Phase : LINE  
 Temperature : 25 °C  
 Humidity : 64 %



Trace: (Discrete)

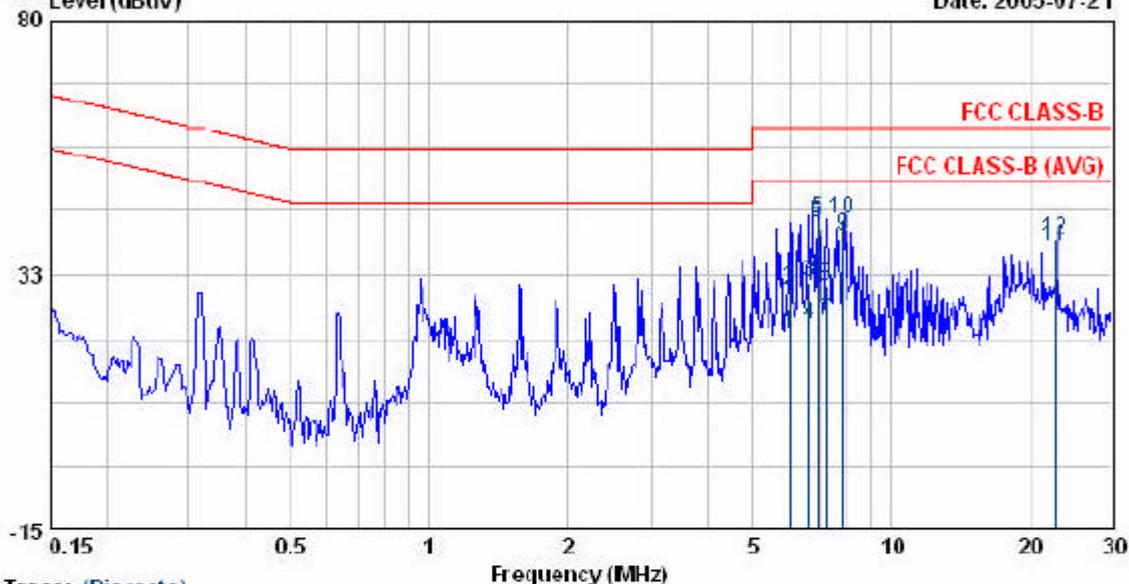
Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
5.97	42.58	0.66	43.24	60.00	-16.76	QP
5.97	40.26	0.66	40.92	50.00	-9.08	AVERAGE
6.62	23.33	0.65	23.98	50.00	-26.02	AVERAGE
6.62	30.79	0.65	31.44	60.00	-28.56	QP
6.91	41.66	0.64	42.30	60.00	-17.70	QP
6.91	41.06	0.64	41.70	50.00	-8.30	AVERAGE
7.30	27.75	0.63	28.38	60.00	-31.62	QP
7.30	19.22	0.63	19.85	50.00	-30.15	AVERAGE
7.88	27.68	0.63	28.31	60.00	-31.69	QP
7.88	21.00	0.63	21.63	50.00	-28.37	AVERAGE
22.75	37.50	0.72	38.22	60.00	-21.78	QP
22.75	36.91	0.72	37.63	50.00	-12.37	AVERAGE

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

EUT : MBR014X  
 Power : AC 120V  
 Test Mode : 802.11g\_ch1  
 Memo : DV151A-1

Pol/Phase : NEUTRAL  
 Temperature : 25 °C  
 Humidity : 64 %

Data: 8 Level (dBuV) Date: 2005-07-21



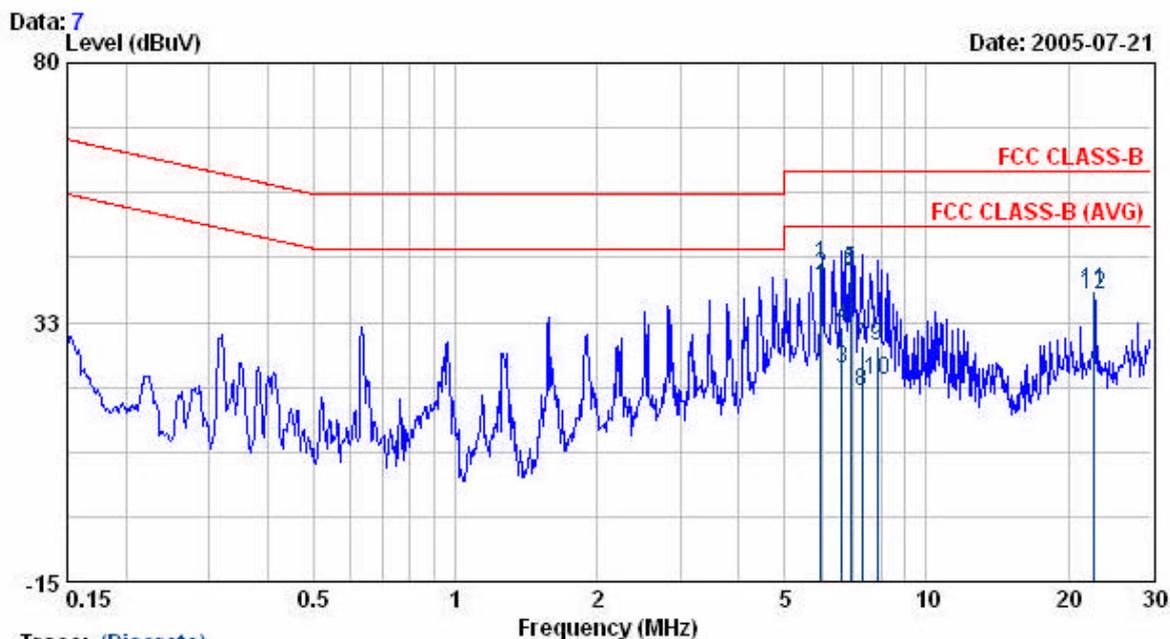
Trace: (Discrete)

Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
5.99	20.85	0.60	21.45	50.00	-28.55	AVERAGE
5.99	28.77	0.60	29.37	60.00	-30.63	QP
6.61	30.20	0.60	30.80	60.00	-29.20	QP
6.61	22.16	0.60	22.76	50.00	-27.24	AVERAGE
6.91	42.14	0.60	42.74	60.00	-17.26	QP
6.91	41.36	0.60	41.96	50.00	-8.04	AVERAGE
7.24	22.95	0.60	23.55	50.00	-26.45	AVERAGE
7.24	29.70	0.60	30.30	60.00	-29.70	QP
7.85	39.16	0.60	39.76	50.00	-10.24	AVERAGE
7.85	42.11	0.60	42.71	60.00	-17.29	QP
22.75	36.88	0.80	37.68	50.00	-12.32	AVERAGE
22.75	38.21	0.80	39.01	60.00	-20.99	QP

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

EUT : MBR814X  
 Power : AC 120V  
 Test Mode : 802.11g\_ch1  
 Memo : DV151A-1

Pol/Phase : LINE  
 Temperature : 25 °C  
 Humidity : 64 %



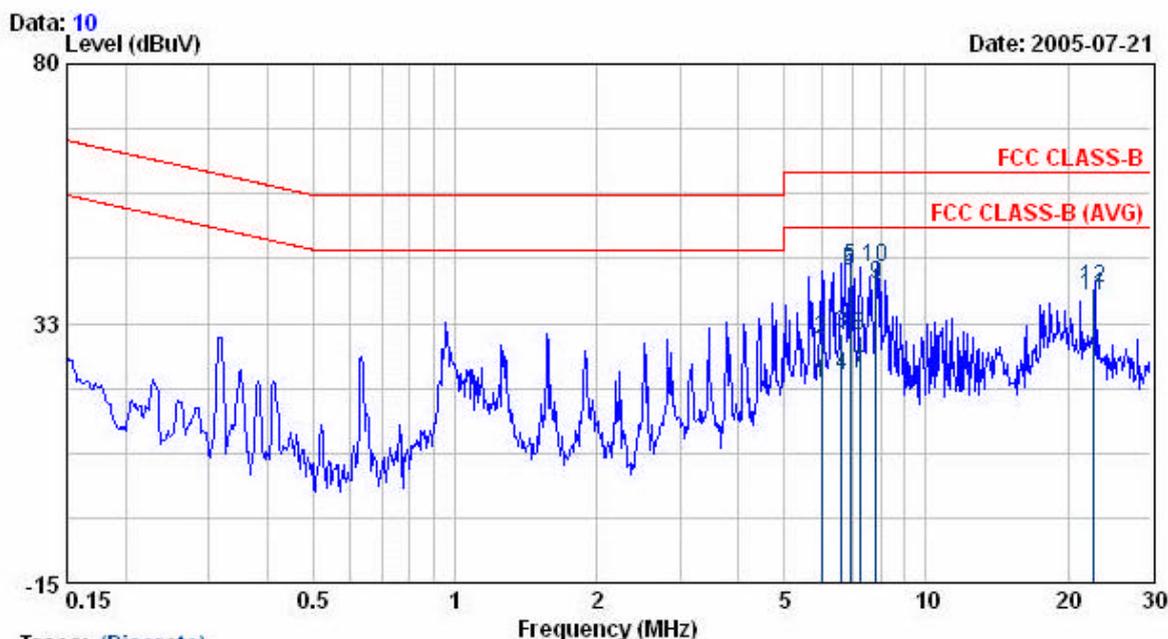
Trace: (Discrete)

Freq MHz	Read Level dBuV	Factor dB	Level dBuV	Limit dBuV	Over Limit dBuV	Remark
5.97	42.49	0.66	43.15	60.00	-16.85	QP
5.97	40.40	0.66	41.06	50.00	-8.94	AVERAGE
6.62	23.50	0.65	24.15	50.00	-25.85	AVERAGE
6.62	30.92	0.65	31.57	60.00	-28.43	QP
6.91	41.50	0.64	42.14	60.00	-17.86	QP
6.91	40.93	0.64	41.57	50.00	-8.43	AVERAGE
7.30	27.57	0.63	28.20	60.00	-31.80	QP
7.30	19.10	0.63	19.73	50.00	-30.27	AVERAGE
7.88	27.55	0.63	28.18	60.00	-31.82	QP
7.88	21.10	0.63	21.73	50.00	-28.27	AVERAGE
22.75	37.60	0.72	38.32	60.00	-21.68	QP
22.75	36.80	0.72	37.52	50.00	-12.48	AVERAGE

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

EUT : MBR814X  
 Power : AC 120V  
 Test Mode : 802.11g\_ch6  
 Memo : DV151A-1

Pol/Phase : NEUTRAL  
 Temperature : 25 °C  
 Humidity : 64 %



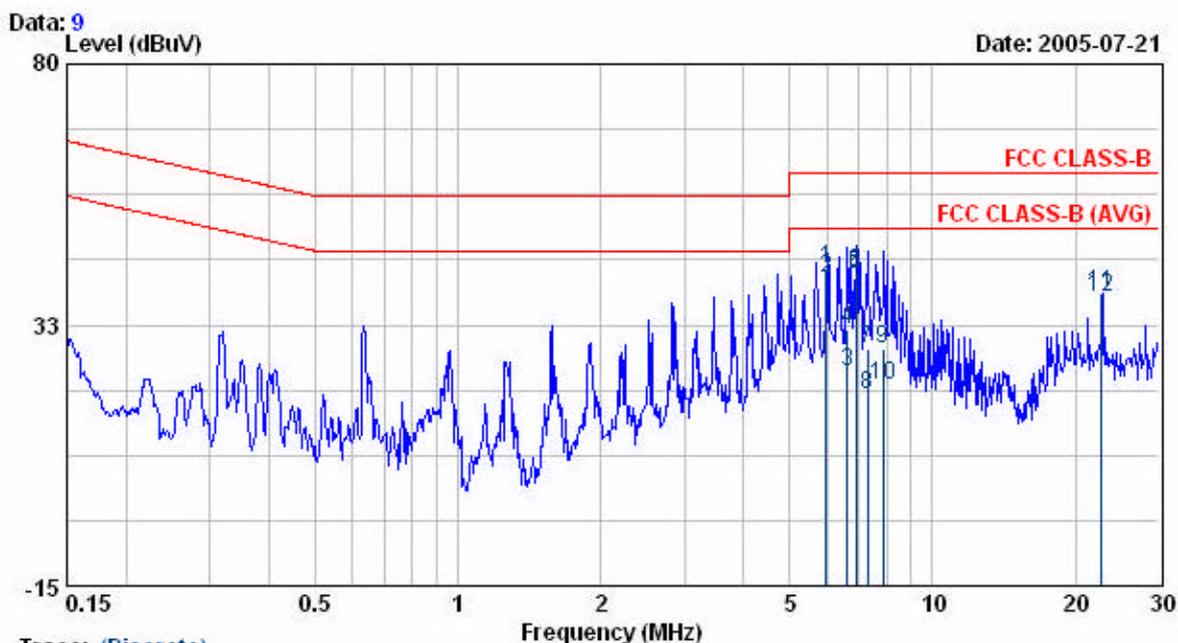
Trace: (Discrete)

Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
5.99	20.99	0.60	21.59	50.00	-28.41	AVERAGE
5.99	28.93	0.60	29.53	60.00	-30.47	QP
6.61	30.14	0.60	30.74	60.00	-29.26	QP
6.61	22.19	0.60	22.79	50.00	-27.21	AVERAGE
6.91	42.24	0.60	42.84	60.00	-17.16	QP
6.91	41.40	0.60	42.00	50.00	-8.00	AVERAGE
7.24	22.80	0.60	23.40	50.00	-26.60	AVERAGE
7.24	29.60	0.60	30.20	60.00	-29.80	QP
7.85	39.16	0.60	39.76	50.00	-10.24	AVERAGE
7.85	42.11	0.60	42.71	60.00	-17.29	QP
22.75	36.80	0.80	37.60	50.00	-12.40	AVERAGE
22.75	38.17	0.80	38.97	60.00	-21.03	QP

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

EUT : MBR814X  
 Power : AC 120V  
 Test Mode : 802.11g\_ch6  
 Memo : DV151A-1

Pol/Phase : LINE  
 Temperature : 25 °C  
 Humidity : 64 %



Trace: (Discrete)

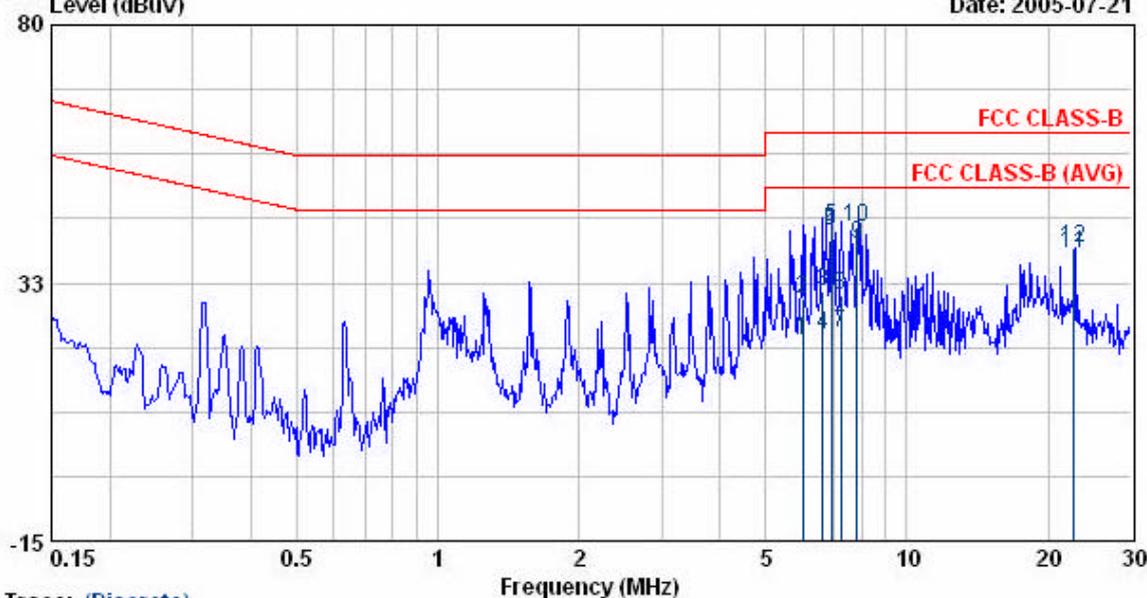
Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
5.97	42.20	0.66	42.86	60.00	-17.14	QP
5.97	40.21	0.66	40.87	50.00	-9.13	AVERAGE
6.62	23.39	0.65	24.04	50.00	-25.96	AVERAGE
6.62	30.88	0.65	31.53	60.00	-28.47	QP
6.91	41.37	0.64	42.01	60.00	-17.99	QP
6.91	41.11	0.64	41.75	50.00	-8.25	AVERAGE
7.30	27.59	0.63	28.22	60.00	-31.78	QP
7.30	19.10	0.63	19.73	50.00	-30.27	AVERAGE
7.88	27.49	0.63	28.12	60.00	-31.88	QP
7.88	21.07	0.63	21.70	50.00	-28.30	AVERAGE
22.75	37.60	0.72	38.32	60.00	-21.68	QP
22.75	36.80	0.72	37.52	50.00	-12.48	AVERAGE

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

EUT : MBR814X  
 Power : AC 120V  
 Test Mode : 802.11g\_ch11  
 Memo : DV151A-1

Pol/Phase : NEUTRAL  
 Temperature : 25 °C  
 Humidity : 64 %

Data: 12 Level (dBuV) Date: 2005-07-21



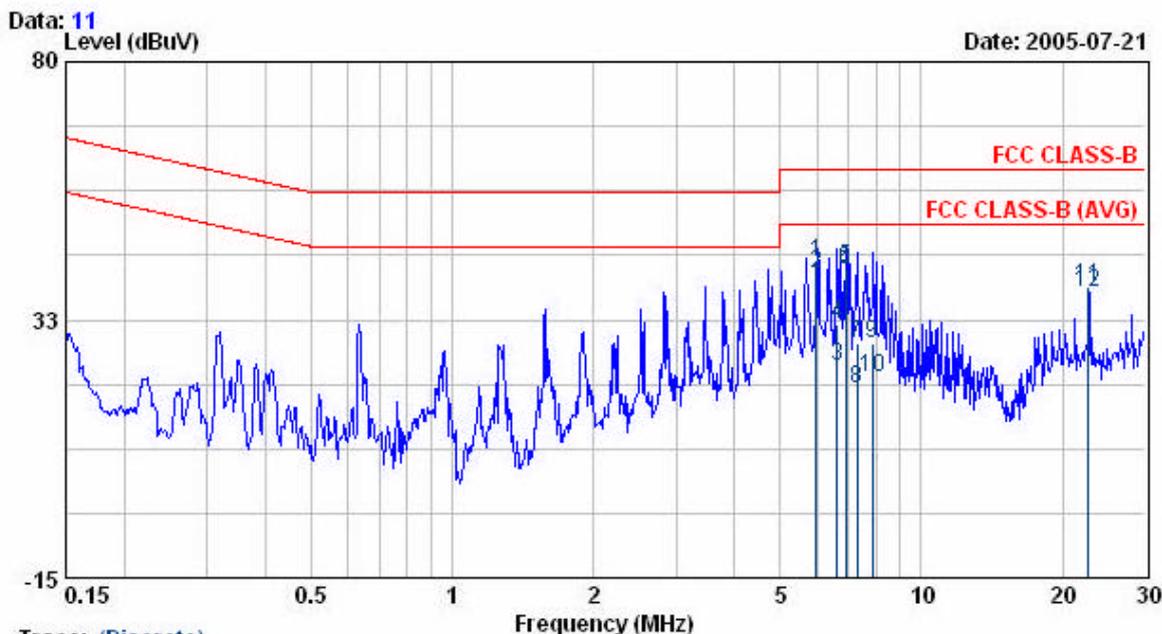
Trace: (Discrete)

Freq MHz	Read Level dBuV	Factor dB	Level dBuV	Limit dBuV	Over Limit dBuV	Remark
5.99	21.23	0.60	21.83	50.00	-28.17	AVERAGE
5.99	29.05	0.60	29.65	60.00	-30.35	QP
6.61	30.18	0.60	30.78	60.00	-29.22	QP
6.61	22.30	0.60	22.90	50.00	-27.10	AVERAGE
6.91	42.24	0.60	42.84	60.00	-17.16	QP
6.91	41.40	0.60	42.00	50.00	-8.00	AVERAGE
7.24	22.80	0.60	23.40	50.00	-26.60	AVERAGE
7.24	29.69	0.60	30.29	60.00	-29.71	QP
7.85	39.16	0.60	39.76	50.00	-10.24	AVERAGE
7.85	42.11	0.60	42.71	60.00	-17.29	QP
22.75	36.99	0.80	37.79	50.00	-12.21	AVERAGE
22.75	38.30	0.80	39.10	60.00	-20.90	QP

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

EUT : MBR814X  
 Power : AC 120V  
 Test Mode : 802.11g\_ch11  
 Memo : DV151A-1

Pol/Phase : LINE  
 Temperature : 25 °C  
 Humidity : 64 %



Trace: (Discrete)

Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
5.97	42.44	0.66	43.10	60.00	-16.90	QP
5.97	40.38	0.66	41.04	50.00	-8.96	AVERAGE
6.62	23.27	0.65	23.92	50.00	-26.08	AVERAGE
6.62	30.90	0.65	31.55	60.00	-28.45	QP
6.91	41.32	0.64	41.96	60.00	-18.04	QP
6.91	41.00	0.64	41.64	50.00	-8.36	AVERAGE
7.30	27.49	0.63	28.12	60.00	-31.88	QP
7.30	19.01	0.63	19.64	50.00	-30.36	AVERAGE
7.88	27.55	0.63	28.18	60.00	-31.82	QP
7.88	21.20	0.63	21.83	50.00	-28.17	AVERAGE
22.75	37.77	0.72	38.49	60.00	-21.51	QP
22.75	36.85	0.72	37.57	50.00	-12.43	AVERAGE

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

Test engineer: Ben

4.5.1. Test Photographs

Front View



Rear View

