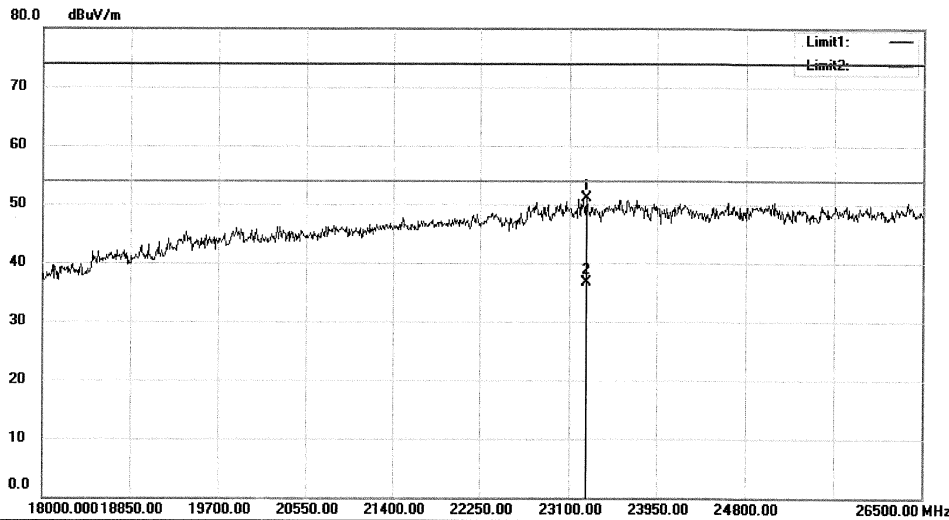


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Radiated Emission Measurement

File :TUV Data :#740 Date: 16/06/03/



Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: 11G 2462
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		23261.50	89.01	-37.91	51.10	74.00	-22.90	peak		
2	*	23261.50	74.71	-37.91	36.80	54.00	-17.20	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

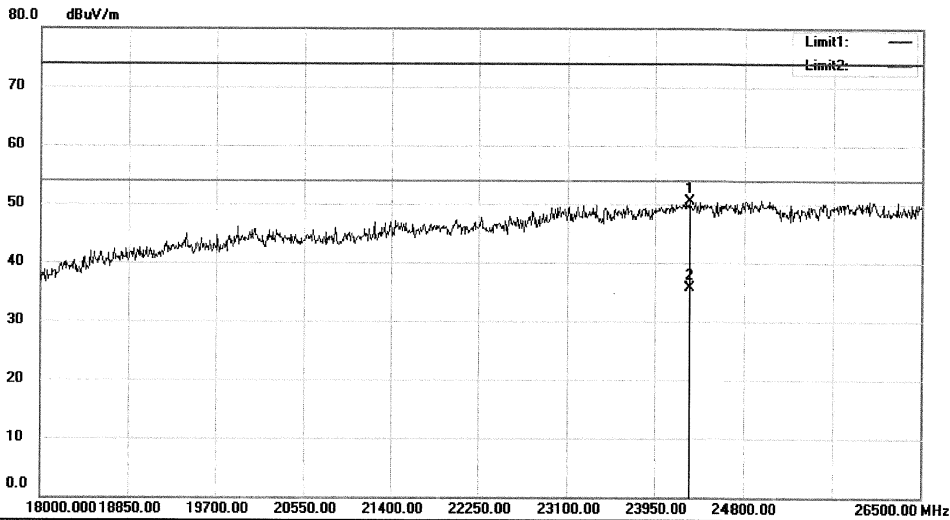
File :TUV\Data :#740

Page: 1

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Radiated Emission Measurement

File :TUV Data :#747 Date: 16/06/03/



Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode:11N 2412
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		24290.00	87.60	-37.10	50.50	74.00	-23.50	peak		
2	*	24290.00	72.90	-37.10	35.80	54.00	-18.20	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV\Data :#747

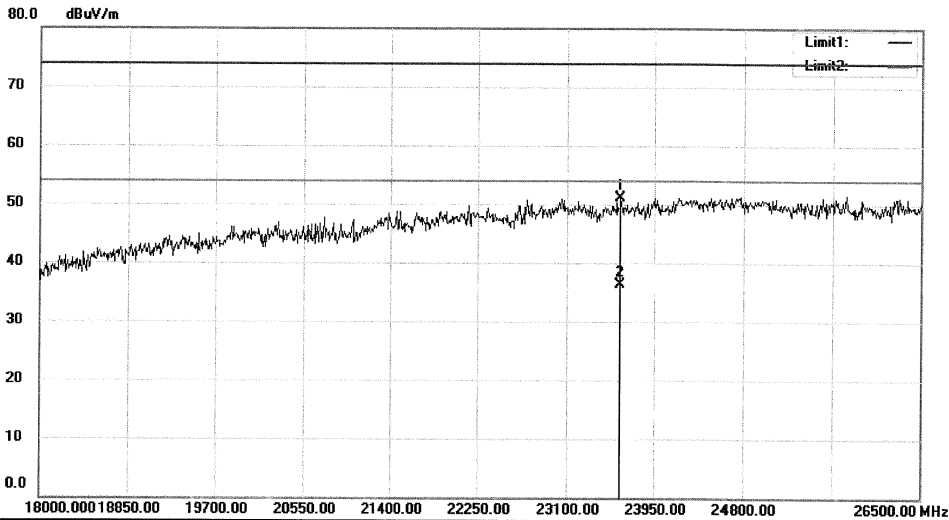
Page: 1

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Radiated Emission Measurement

File : TUV Data : #748 Date : 16/06/03/



Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
EUT: MID
M/N: NS-P16AT08
Mode: 11N 2412
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		23618.50	88.71	-37.53	51.18	74.00	-22.82	peak		
2	*	23618.50	73.93	-37.53	36.40	54.00	-17.60	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

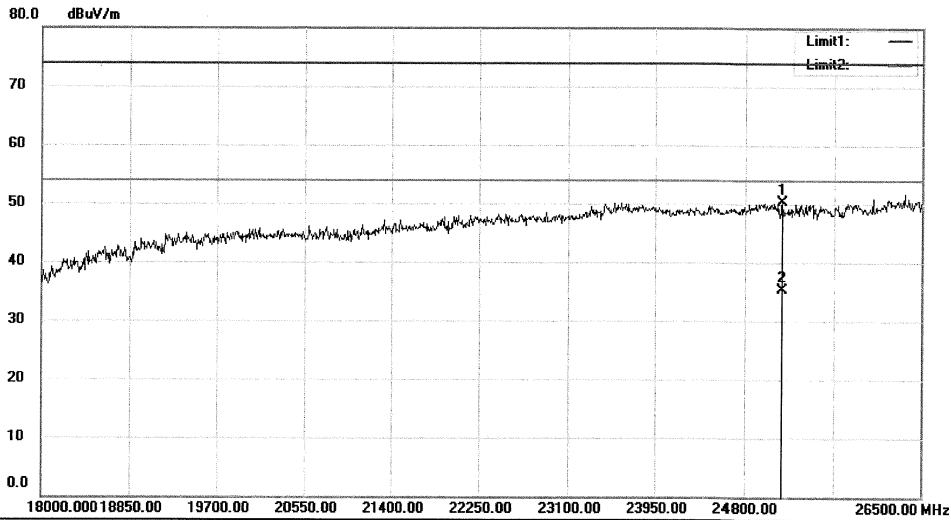
File : TUV\Data : #748

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Radiated Emission Measurement

File : TUV Data #743 Date: 16/06/03/



Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: 11N 2437
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		25157.00	87.04	-36.82	50.22	74.00	-23.78	peak		
2	*	25157.00	72.12	-36.82	35.30	54.00	-18.70	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

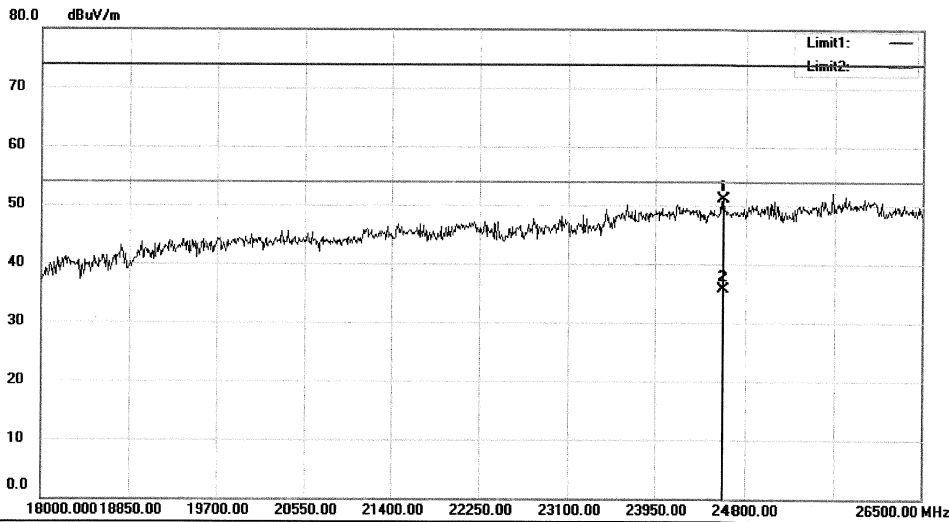
File : TUV\Data :#743

Page: 1

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Radiated Emission Measurement

File :TUV Data #744 Date: 16/06/03/



Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode:11N 2437
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree
1		24613.00	88.10	-37.06	51.04	74.00	-22.96	peak	
2	*	24613.00	72.86	-37.06	35.80	54.00	-18.20	AVG	

*:Maximum data x:Over limit !:over margin

Operator: KK

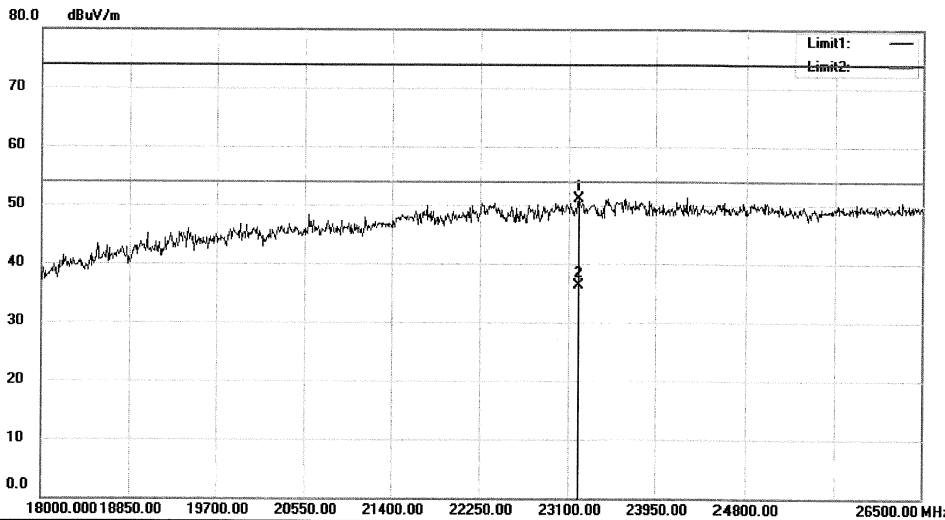
File :TUV\Data :#744

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Radiated Emission Measurement

File : TUV Data : #745 Date : 16/06/03/



Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: 11N 2462
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree
1		23193.50	89.15	-37.98	51.17	74.00	-22.83	peak	
2	*	23193.50	74.38	-37.98	36.40	54.00	-17.60	AVG	

*:Maximum data x:Over limit !:over margin

Operator: KK

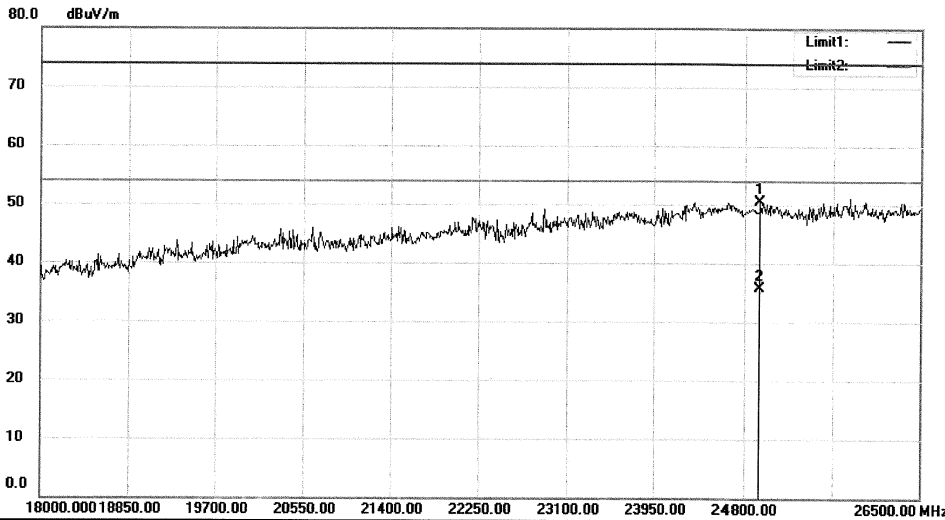
File : TUV\Data : #745

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Radiated Emission Measurement

File :TUV Data #746 Date: 16/06/03/



Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode:11N 2462
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		24944.50	87.60	-37.02	50.58	74.00	-23.42	peak		
2	*	24944.50	72.82	-37.02	35.80	54.00	-18.20	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV\Data :#746

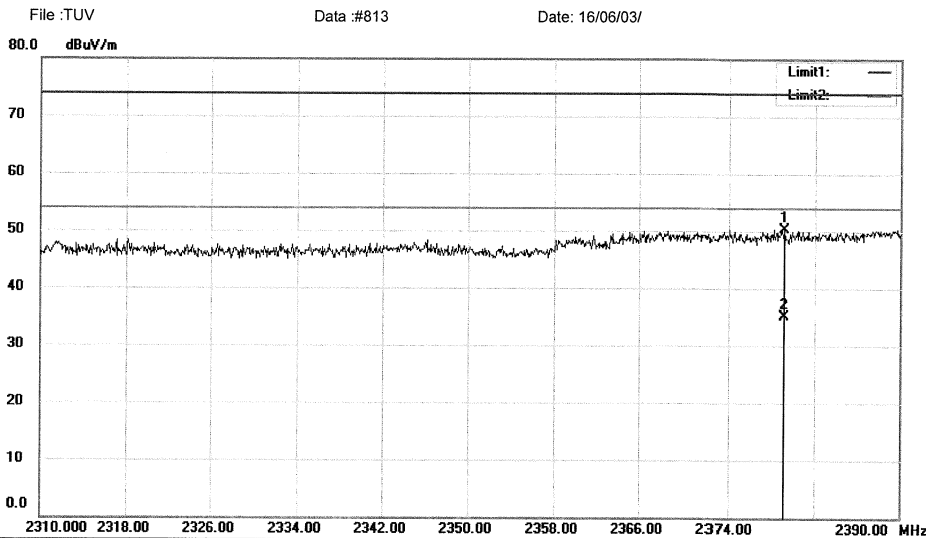
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Test Plot of Band Edge

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Radiated Emission Measurement



Site: 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: 11B 2412
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2379.200	35.33	14.95	50.28	74.00	-23.72	peak		
2	*	2379.200	20.15	14.95	35.10	54.00	-18.90	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

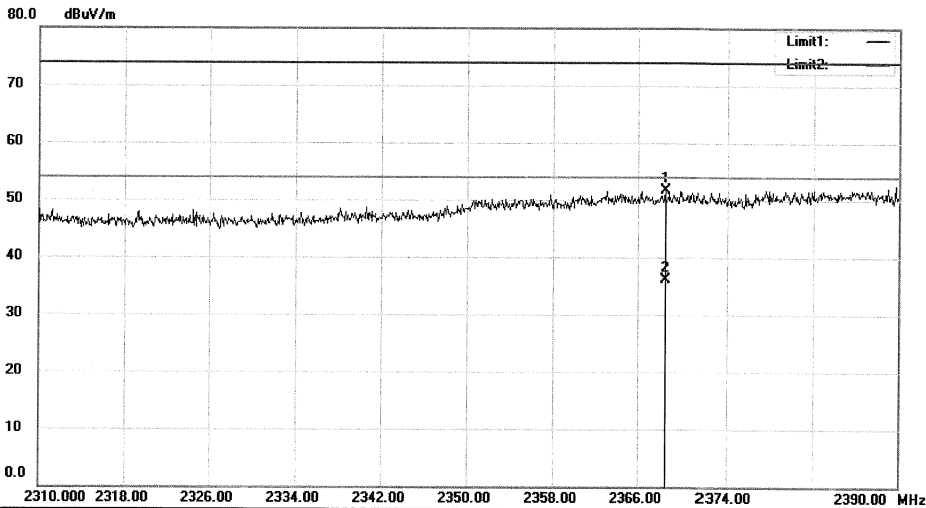
File: TUVData: #813

Page: 1

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Radiated Emission Measurement

File :TUV Data :#812 Date: 16/06/03/



Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode:11B 2412
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		2368.560	36.84	14.86	51.70	74.00	-22.30	peak		
2	*	2368.560	21.24	14.86	36.10	54.00	-17.90	AVG		

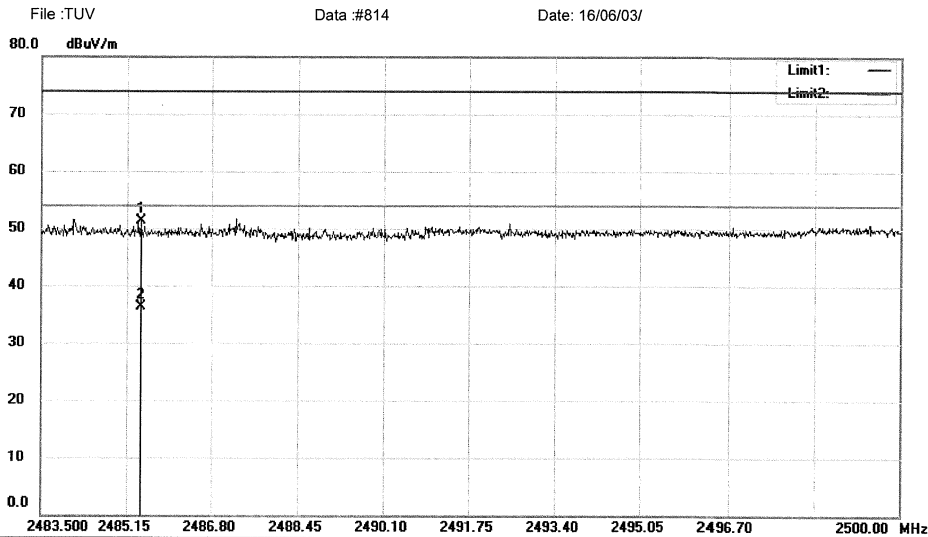
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUVData :#812

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Radiated Emission Measurement


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: 11B 2462
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2485.414	35.52	15.82	51.34	74.00	-22.66	peak		
2	*	2485.414	20.58	15.82	36.40	54.00	-17.60	AVG		

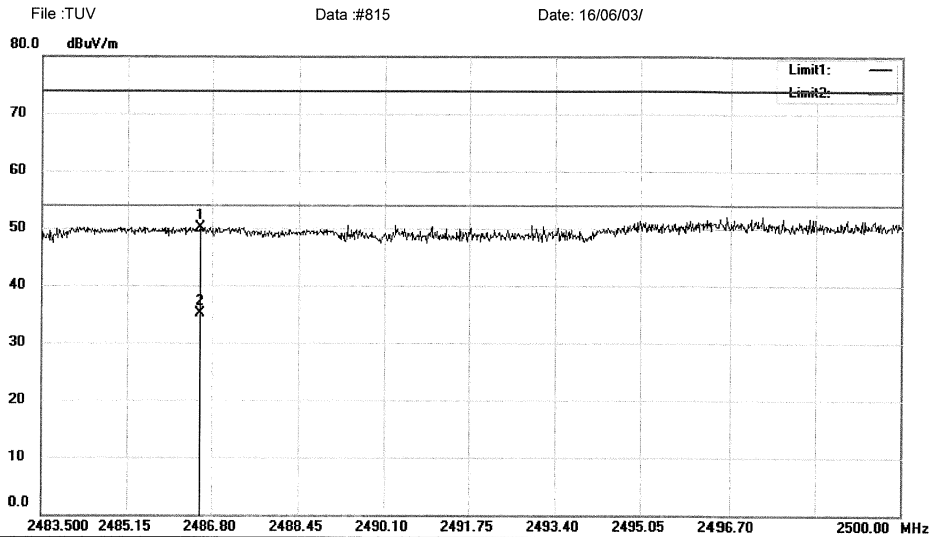
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUVData :#814

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Radiated Emission Measurement


Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: 11B 2462
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2486.569	34.34	15.83	50.17	74.00	-23.83	peak		
2	*	2486.569	19.37	15.83	35.20	54.00	-18.80	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

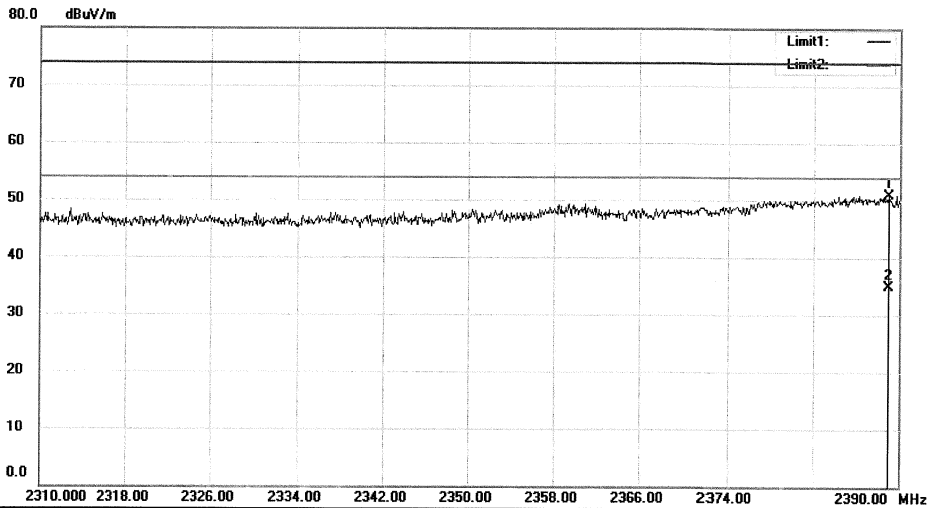
File : TUV\Data : #815

Page: 1

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Radiated Emission Measurement

File :TUV Data #819 Date: 16/06/03/



Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode:11G 2412
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2388.960	35.88	15.03	50.91	74.00	-23.09	peak		
2	*	2388.960	19.87	15.03	34.90	54.00	-19.10	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

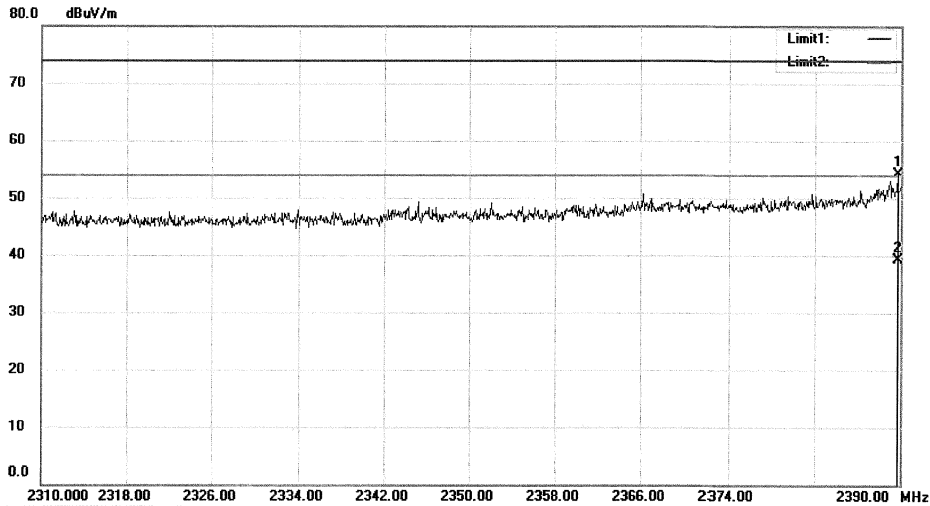
File :TUVData :#819

Page: 1

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Radiated Emission Measurement

File :TUV Data :#818 Date: 16/06/03/



Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode:11G 2412
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2389.680	39.35	15.03	54.38	74.00	-19.62	peak		
2	*	2389.680	24.37	15.03	39.40	54.00	-14.60	AVG		

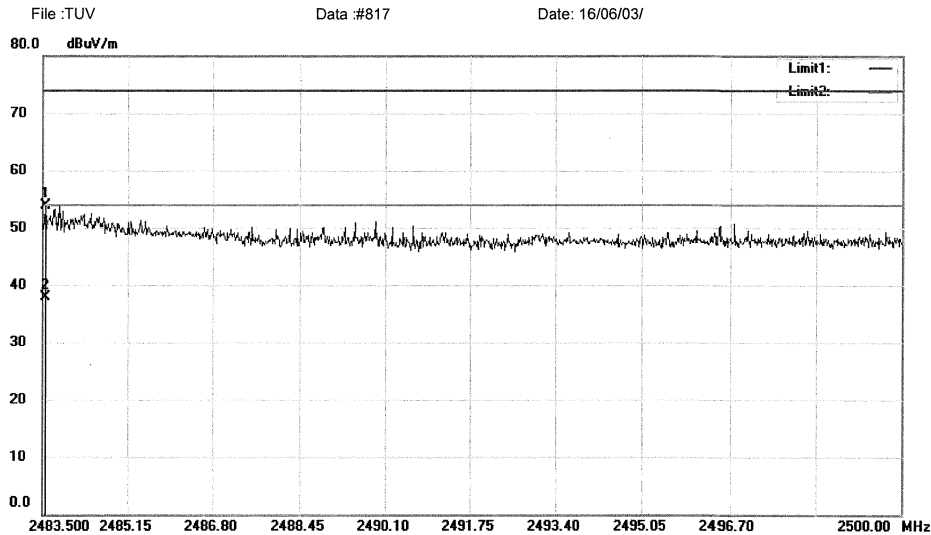
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV\Data :#818

Page: 1

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Radiated Emission Measurement


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: 11G 2462
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2483.550	38.05	15.80	53.85	74.00	-20.15	peak		
2	*	2483.550	22.20	15.80	38.00	54.00	-16.00	AVG		

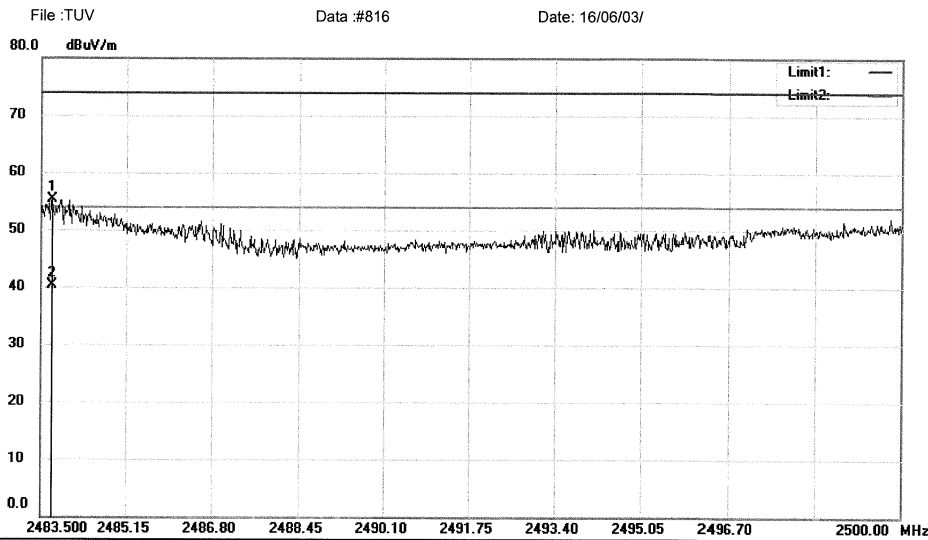
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV\Data :#817

Page: 1

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Radiated Emission Measurement


Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: 11G 2462
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2483.715	39.51	15.80	55.31	74.00	-18.69	peak		
2	*	2483.715	24.50	15.80	40.30	54.00	-13.70	AVG		

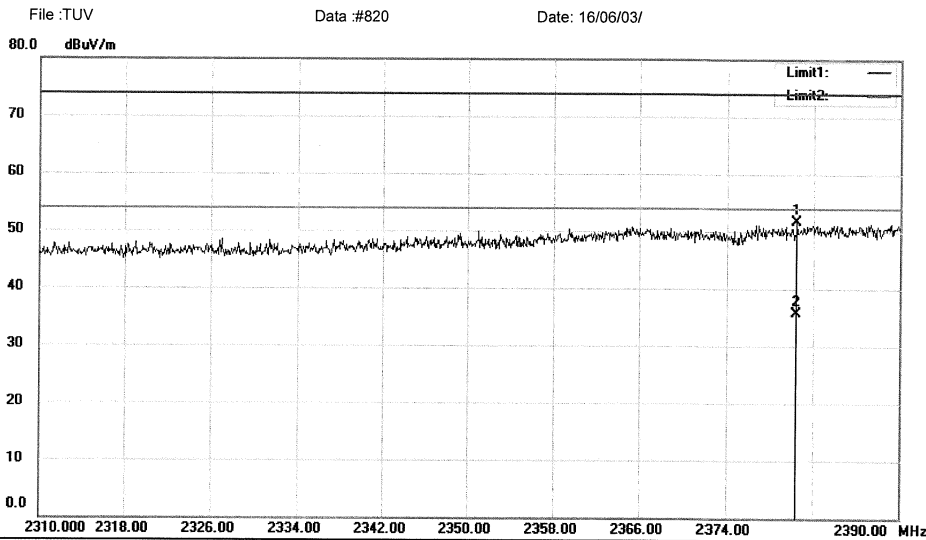
*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUVData :#816

Page: 1

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Radiated Emission Measurement


Site: 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: 11N 2412
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2380.480	36.76	14.96	51.72	74.00	-22.28	peak		
2	*	2380.480	20.84	14.96	35.80	54.00	-18.20	AVG		

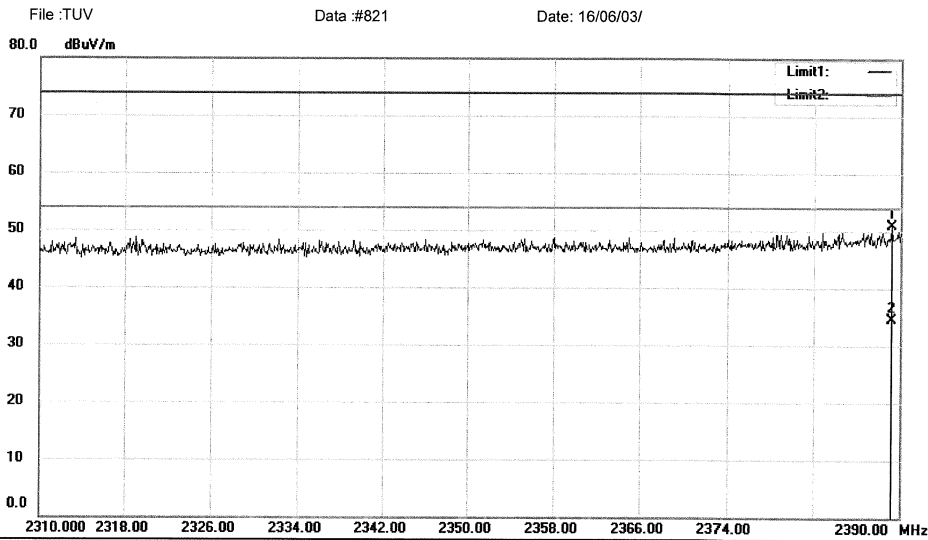
*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUVData :#820

Page: 1

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Radiated Emission Measurement


Site: 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: 11N 2412
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2389.200	35.82	15.03	50.85	74.00	-23.15	peak		
2	*	2389.200	19.57	15.03	34.60	54.00	-19.40	AVG		

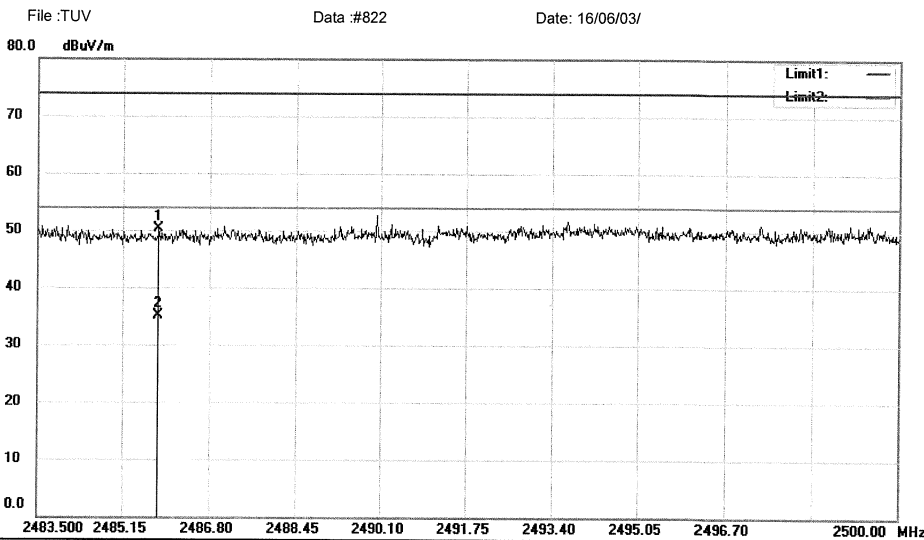
*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUVData :#821

Page: 1

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Radiated Emission Measurement


Site: 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: 11N 2462
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2485.827	34.48	15.82	50.30	74.00	-23.70	peak		
2	*	2485.827	19.38	15.82	35.20	54.00	-18.80	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

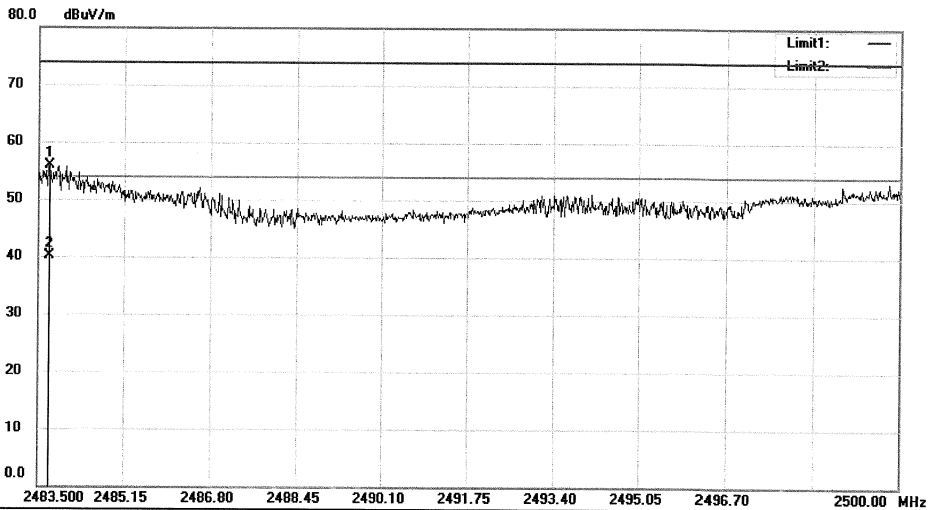
File: TUVData: #822

Page: 1

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Radiated Emission Measurement

File :TUV Data :#823 Date: 16/06/03/



Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: NS-P16AT08
 Mode:11N 2462
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2483.715	40.01	15.80	55.81	74.00	-18.19	peak		
2	*	2483.715	24.40	15.80	40.20	54.00	-13.80	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUVData :#823

Page: 1

Prüfbericht - Nr.: 50046347 002

Test Report No.

Seite 110 von 116

Page 110 of 116

5.1.7 Conducted emissions

RESULT:**Pass**

Date of testing : 2016-06-03
Test standard : FCC Part 15.207
RSS-Gen Clause 8.8
Basic standard : ANSI C63.10: 2013
Frequency range : 0.15 – 30MHz
Limits : FCC Part 15.207
Table 3 of RSS-Gen
Kind of test site : Shield room

Test setup

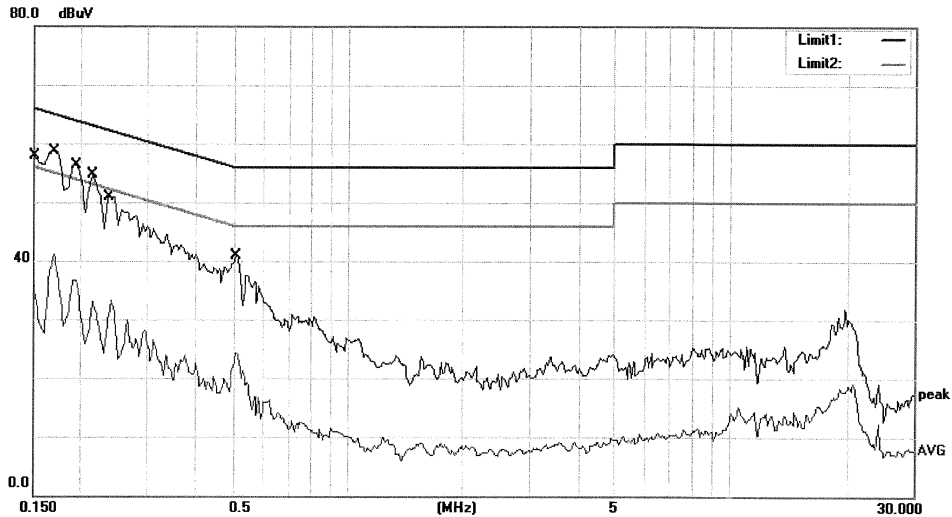
Input Voltage : AC 120V, 60Hz
Operation Mode : A
Earthing : Not Connected
Ambient temperature : 22°C
Relative humidity : 55%
Atmospheric pressure : 101kPa

For details refer to following test plot.

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Conducted Emission Measurement

File: TUV Data #2237 Date: 16/06/03/



Site Conduction #1 Phase: **L1** Temperature: 22
 Limit: (CE)FCC PART 15 class B_QP Power: AC120V/60Hz Humidity: 55 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: WIFI
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1500	57.87	0.00	57.87	66.00	-8.13	QP	
2		0.1500	35.98	0.00	35.98	56.00	-20.02	AVG	
3	*	0.1700	58.77	0.00	58.77	64.96	-6.19	QP	
4		0.1700	41.07	0.00	41.07	54.96	-13.89	AVG	
5		0.1950	56.39	0.00	56.39	63.82	-7.43	QP	
6		0.1950	36.74	0.00	36.74	53.82	-17.08	AVG	
7		0.2150	54.70	0.00	54.70	63.01	-8.31	QP	
8		0.2150	33.06	0.00	33.06	53.01	-19.95	AVG	
9		0.2366	50.99	0.00	50.99	62.21	-11.22	QP	
10		0.2366	33.36	0.00	33.36	52.21	-18.85	AVG	
11		0.5100	40.99	0.00	40.99	56.00	-15.01	QP	
12		0.5100	24.40	0.00	24.40	46.00	-21.60	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: CSL

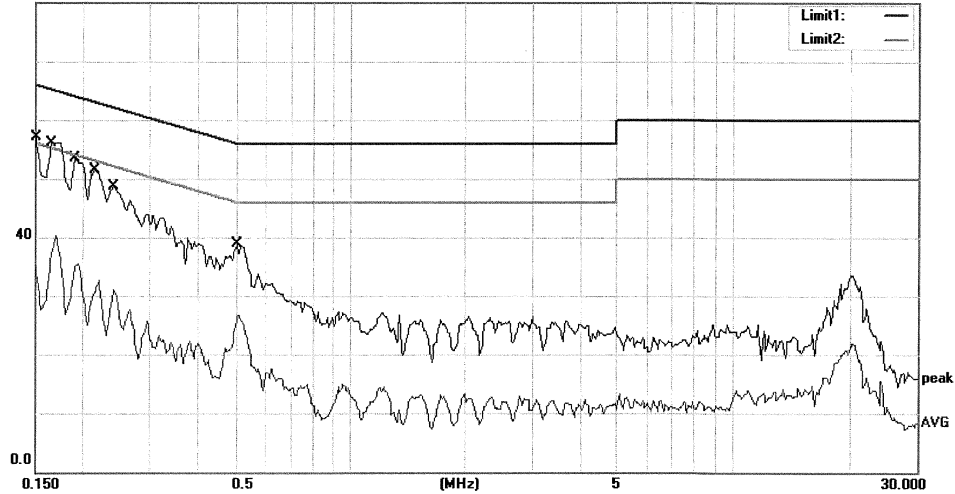
File :TUV\Data :#2237

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Conducted Emission Measurement

File : TUV Data : #2238 Date : 16/06/03/
 80.0 dBuV



Site Conduction #1 Phase: **N** Temperature: 22
 Limit: (CE)FCC PART 15 class B_QP Power: AC120V/60Hz Humidity: 55 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: WIFI
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.1500	57.05	0.00	57.05	66.00	-8.95	QP	
2		0.1500	35.30	0.00	35.30	56.00	-20.70	AVG	
3		0.1650	56.11	0.00	56.11	65.21	-9.10	QP	
4		0.1650	40.25	0.00	40.25	55.21	-14.96	AVG	
5		0.1900	53.60	0.00	53.60	64.04	-10.44	QP	
6		0.1900	35.57	0.00	35.57	54.04	-18.47	AVG	
7		0.2150	51.60	0.00	51.60	63.01	-11.41	QP	
8		0.2150	32.75	0.00	32.75	53.01	-20.26	AVG	
9		0.2400	48.77	0.00	48.77	62.10	-13.33	QP	
10		0.2400	31.17	0.00	31.17	52.10	-20.93	AVG	
11		0.5050	39.00	0.00	39.00	56.00	-17.00	QP	
12		0.5050	26.78	0.00	26.78	46.00	-19.22	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: CSL

File : TUV\Data : #2238

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