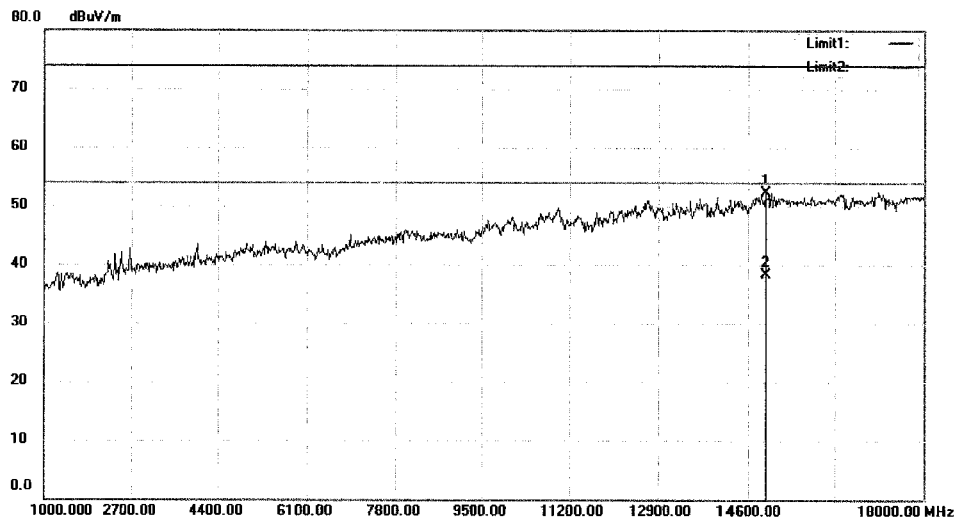


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Radiated Emission Measurement

File : TUV 8 Data : #85 Date: 15/08/08/ Time: 20:54:09



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode: 8DPSK 2402

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		14940.00	50.55	1.82	52.37	74.00	-21.63	peak		
2	*	14940.00	36.41	1.82	38.23	54.00	-15.77	AVG		

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

Operator: KK

File : TUV 8 \Data : #85

Page: 1

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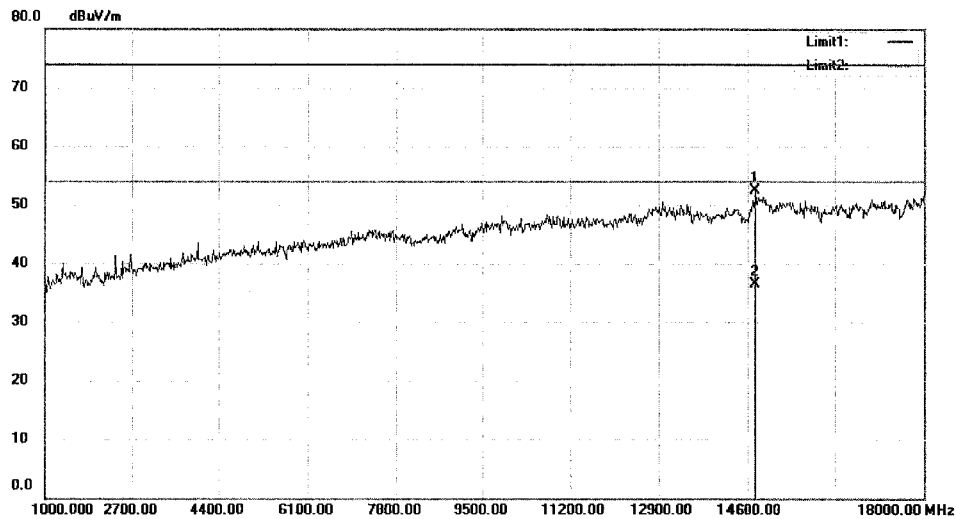

Radiated Emission Measurement

File :TUV 8

Data :#86

Date: 15/08/08/

Time: 20:57:13



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode:8DPSK 2402

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		14753.00	50.56	1.95	52.51	74.00	-21.49	peak		
2	*	14753.00	34.64	1.95	36.59	54.00	-17.41	AVG		

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

Operator: KK

File :TUV 8\Data :#86

Page: 1

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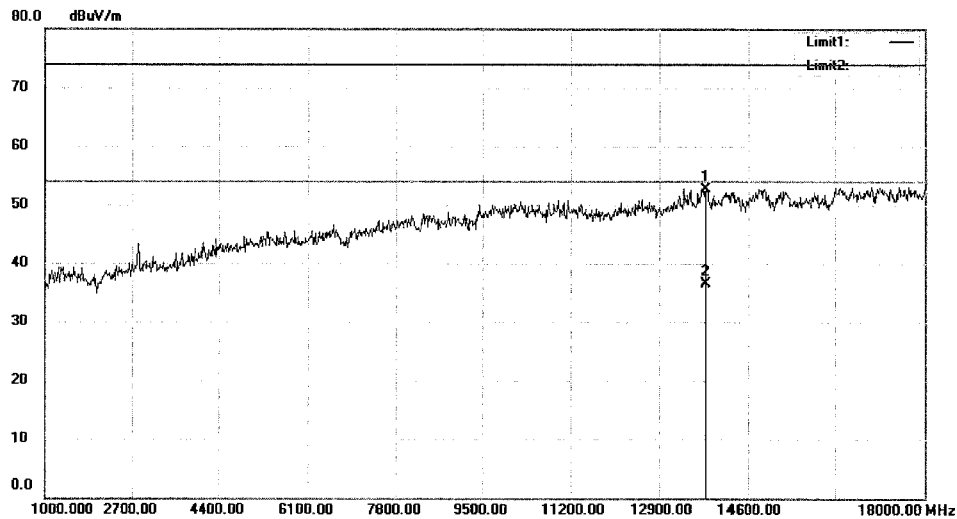

Radiated Emission Measurement

File :TUV 8

Data :#87

Date: 15/08/08/

Time: 20:59:45



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode:8DPSK 2441

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		13818.00	47.80	4.93	52.73	74.00	-21.27	peak		
2	*	13818.00	31.60	4.93	36.53	54.00	-17.47	AVG		

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

Operator: KK

File :TUV 8\Data :#87

Page: 1

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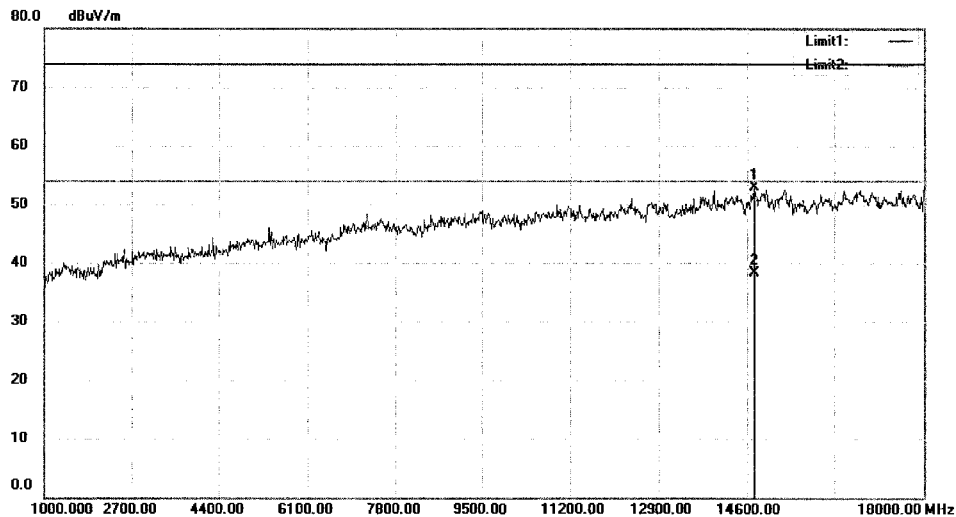

Radiated Emission Measurement

File :TUV 8

Data :#88

Date: 15/08/08/

Time: 21:03:36



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode:8DPSK 2441

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		14753.00	47.55	5.33	52.88	74.00	-21.12	peak		
2	*	14753.00	32.91	5.33	38.24	54.00	-15.76	AVG		

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

Operator: KK

File :TUV 8\Data :#88

Page: 1

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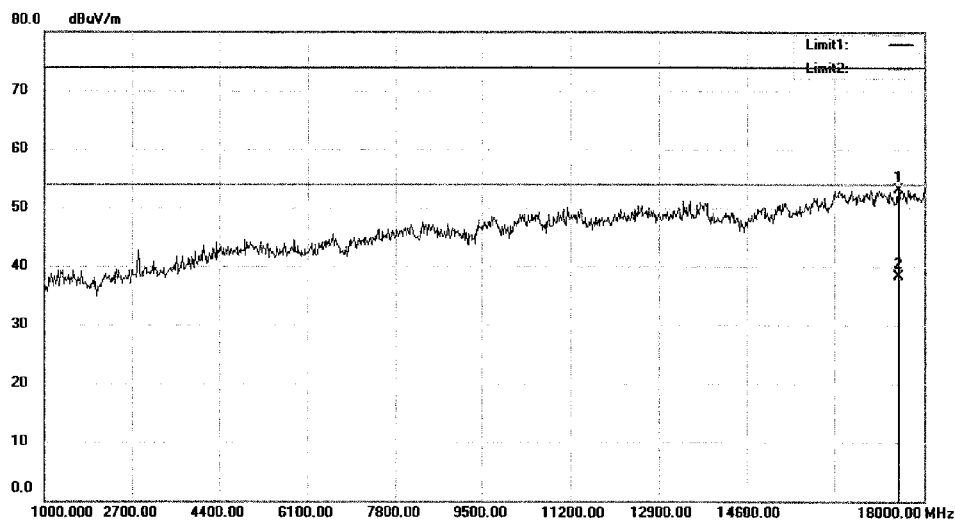

Radiated Emission Measurement

File :TUV 8

Data :#89

Date: 15/08/08/

Time: 21:05:18



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode:8DPSK 2480

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Detector	Comment
1		17507.00	40.61	12.50	53.11	74.00	-20.89			peak	
2	*	17507.00	25.76	12.50	38.26	54.00	-15.74			AVG	

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

Operator: KK

File :TUV 8\Data :#89

Page: 1

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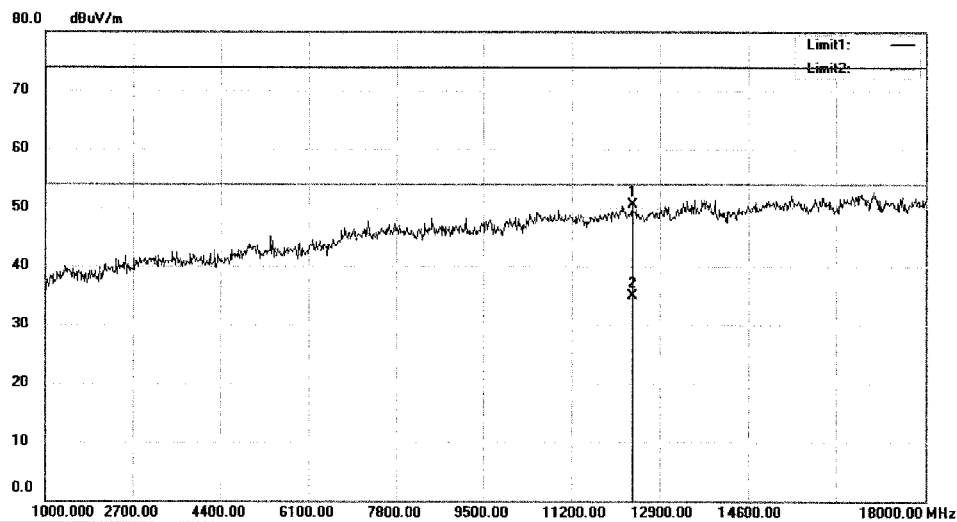

Radiated Emission Measurement

File :TUV 8

Data :#90

Date: 15/08/08/

Time: 21:07:13



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode:8DPSK 2480

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		12356.00	50.55	-0.07	50.48	74.00	-23.52	peak		
2	*	12356.00	34.93	-0.07	34.86	54.00	-19.14	AVG		

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

Operator: KK

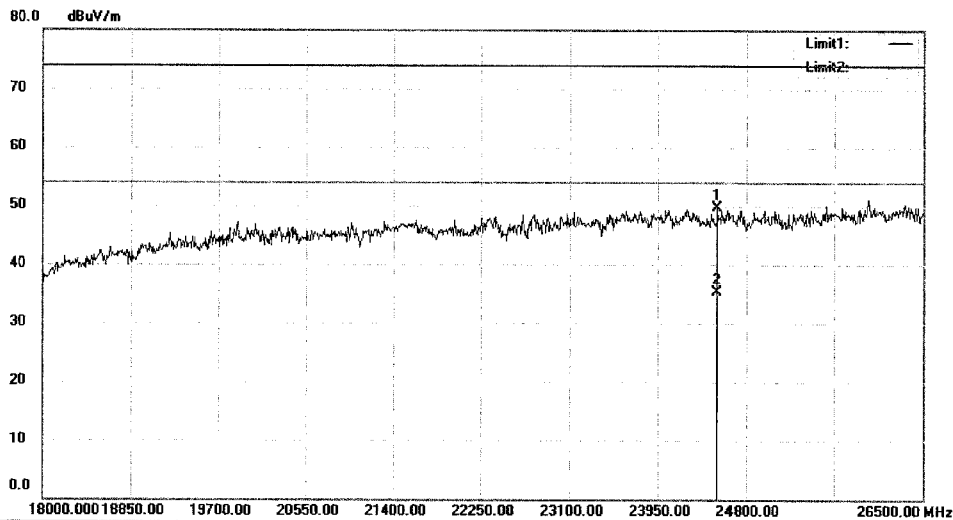
File :TUV 8\Data :#90

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Radiated Emission Measurement

File : TUV 8 Data : #157 Date: 15/08/09/ Time: 10/11/26



Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 CLASS B Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: MID721-L DL718M
 Mode: 8DPSK 2402
 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		24536.50	86.84	-37.07	49.77	74.00	-24.23	peak		
2	*	24536.50	72.31	-37.07	35.24	54.00	-18.76	AVG		

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

Operator: KK

File : TUV 8 \Data : #157

Page: 1

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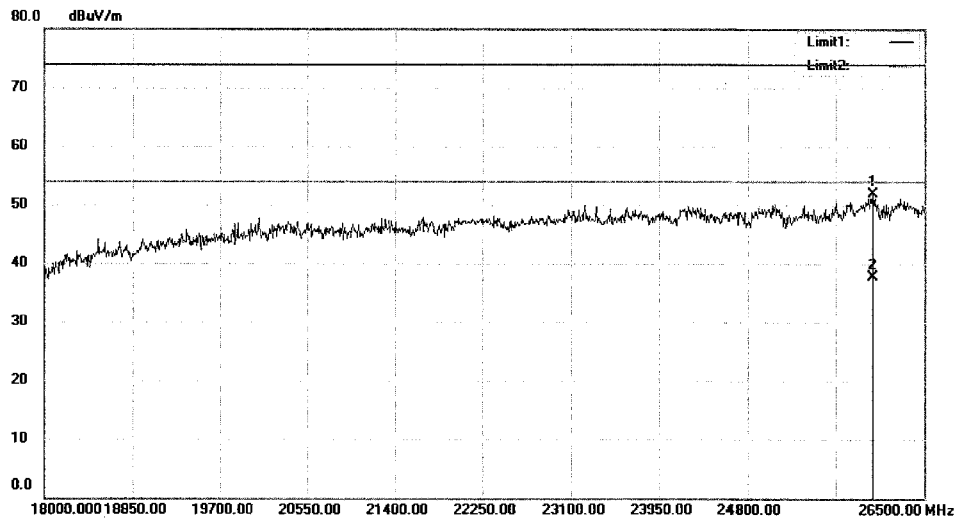

Radiated Emission Measurement

File :TUV 8

Data :#158

Date: 15/08/09/

Time: 10/11/30



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode:8DPSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree Comment
1		26007.00	87.73	-35.78	51.95	74.00	-22.05	peak		
2	*	26007.00	73.43	-35.78	37.65	54.00	-16.35	AVG		

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

Operator: KK

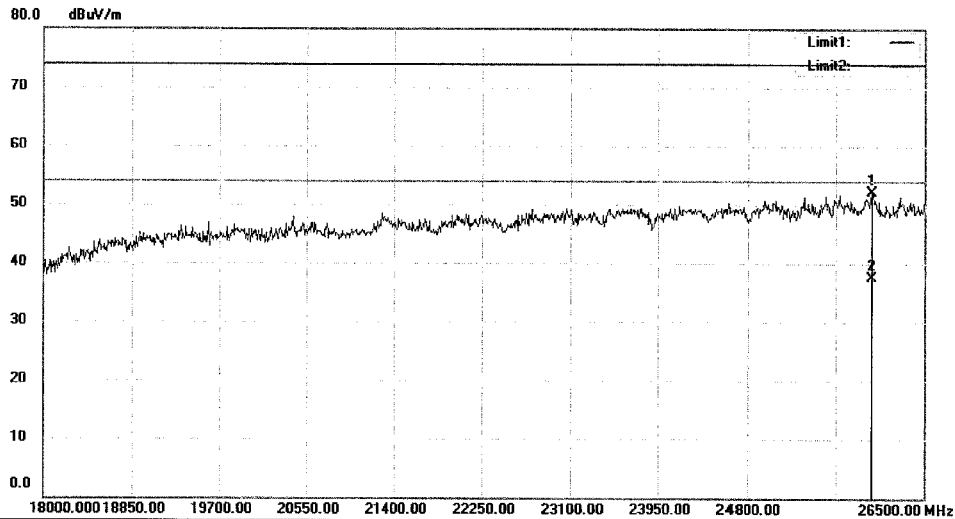
File :TUV 8\Data :#158

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Radiated Emission Measurement

File : TUV 8 Data : #159 Date: 15/08/09/ Time: 10/11/37



Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE) FCC PART 15 CLASS B Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: MID721-L DL718M
 Mode: 8DPSK 2441
 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		25990.00	87.87	-35.80	52.07	74.00	-21.93	peak		
2	*	25990.00	73.25	-35.80	37.45	54.00	-16.55	AVG		

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

Operator: KK

File : TUV 8 \Data : #159

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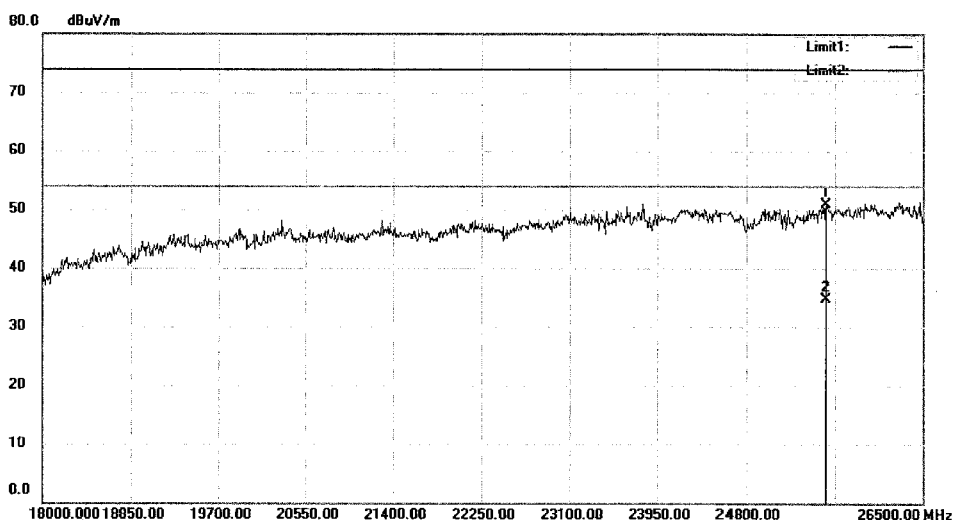

Radiated Emission Measurement

File :TUV 8

Data :#160

Date: 15/08/09/

Time: 10/11/41



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode:8DPSK 2441

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		25565.00	87.25	-36.32	50.93	74.00	-23.07	peak		
2	*	25565.00	70.96	-36.32	34.64	54.00	-19.36	AVG		

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

Operator: KK

File :TUV 8\Data :#160

Page: 1

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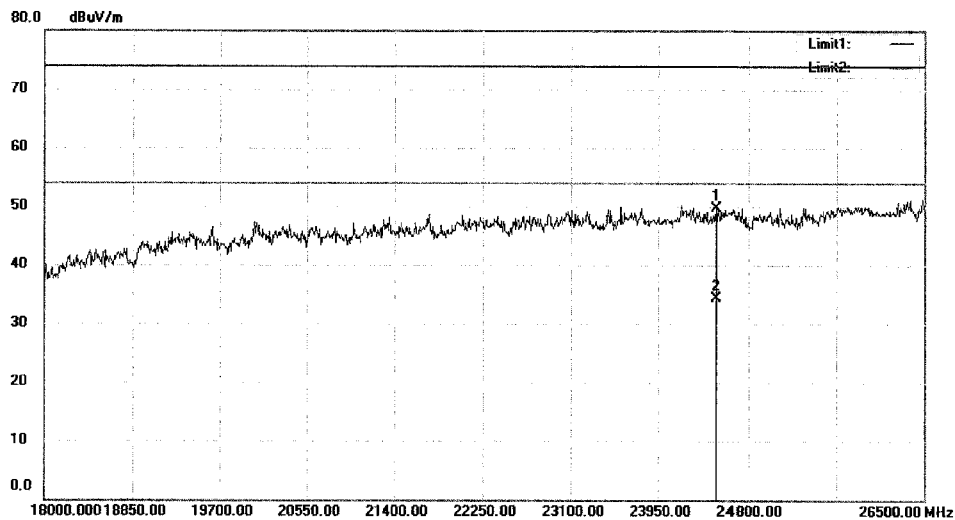

Radiated Emission Measurement

File :TUV 8

Data :#161

Date: 15/08/09/

Time: 10/11/46



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode:8DPSK 2480

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		24519.50	86.82	-37.07	49.75	74.00	-24.25	peak		
2	*	24519.50	71.36	-37.07	34.29	54.00	-19.71	AVG		

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

Operator: KK

File :TUV 8\Data :#161

Page: 1

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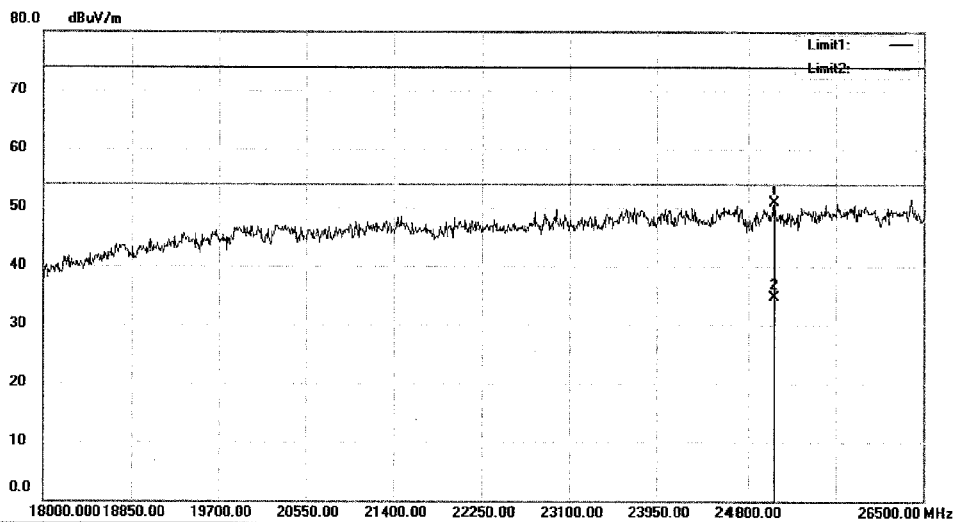

Radiated Emission Measurement

File : TUV 8

Data : #162

Date: 15/08/09/

Time: 10/11/50



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode: 8DPSK 2480

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		25055.00	87.82	-36.94	50.88	74.00	-23.12	peak		
2	*	25055.00	71.68	-36.94	34.74	54.00	-19.26	AVG		

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

Operator: KK

File : TUV 8\Data : #162

Page: 1

Test Plot of Band Edge of BDR & EDR

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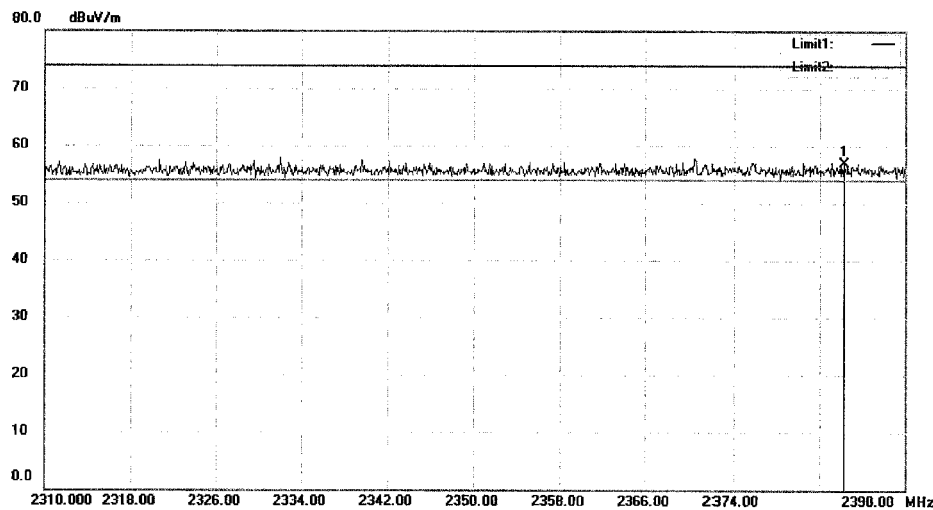
Radiated Emission Measurement

File :TUV 8

Data :#227

Date: 15/08/08/

Time: 15/11/09



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode:GFSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2384.240	26.69	30.25	56.94	74.00	-17.06	peak		Comment

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

Operator: KK

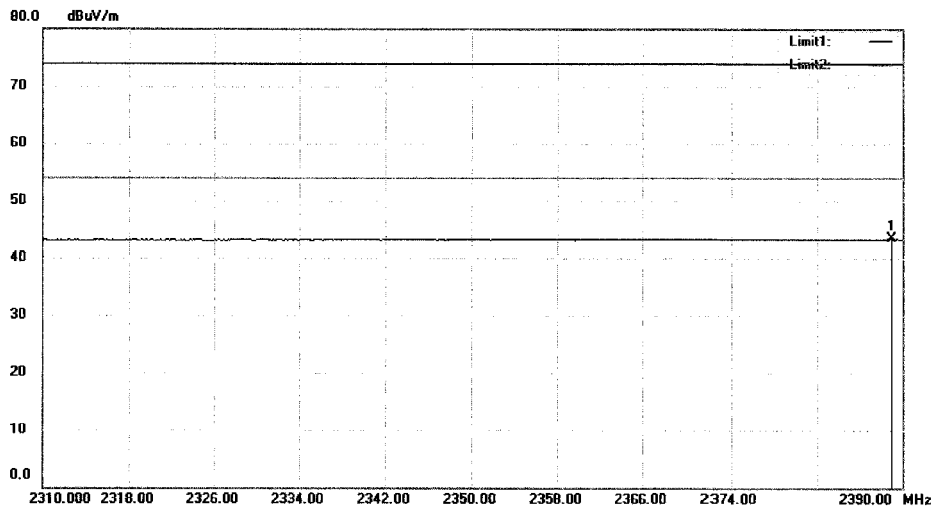
File :TUV 8\Data :#227

Page: 1

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Radiated Emission Measurement

File: TUV 8 Data: #228 Date: 15/08/08/ Time: 15/11/57



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode: GFSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2388.960	13.16	30.27	43.43	54.00	-10.57	AVG		

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

Operator: KK

File: TUV 8\Data: #228

Page: 1

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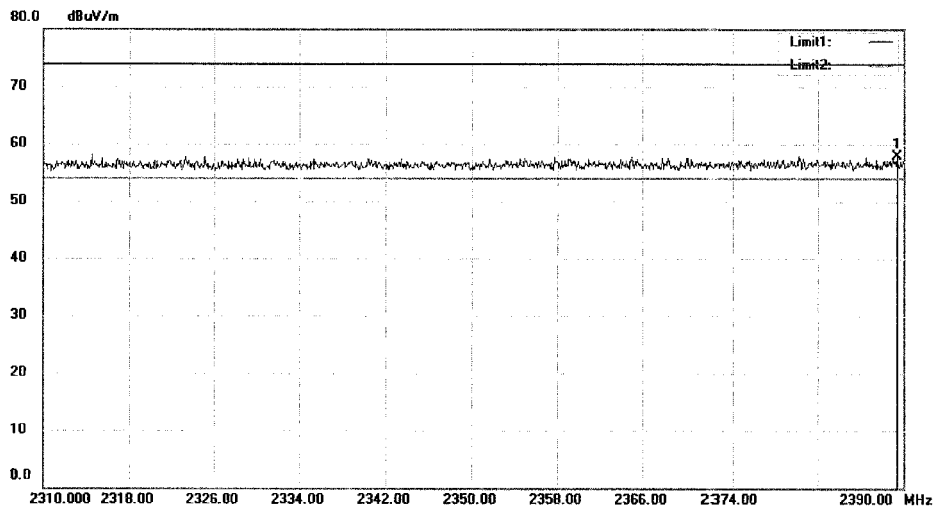

Radiated Emission Measurement

File :TUV 8

Data :#225

Date: 15/08/08/

Time: 15/08/34



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode:GFSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2389.360	27.54	30.27	57.81	74.00	-16.19	peak		

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

Operator: KK

File :TUV 8\Data :#225

Page: 1

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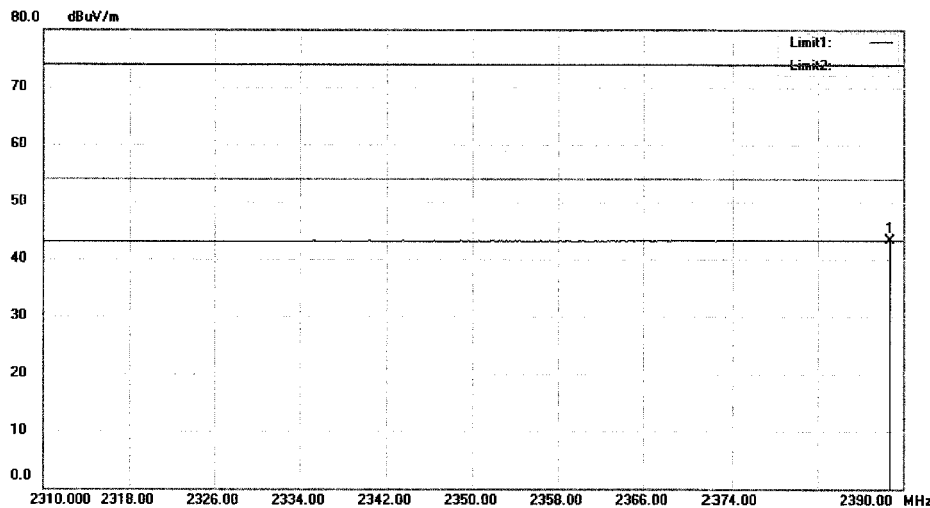

Radiated Emission Measurement

File :TUV 8

Data :#226

Date: 15/08/08/

Time: 15/09/22



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode:GFSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2388.800	13.09	30.27	43.36	54.00	-10.64	AVG		Comment

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

Operator: KK

File :TUV 8\Data :#226

Page: 1

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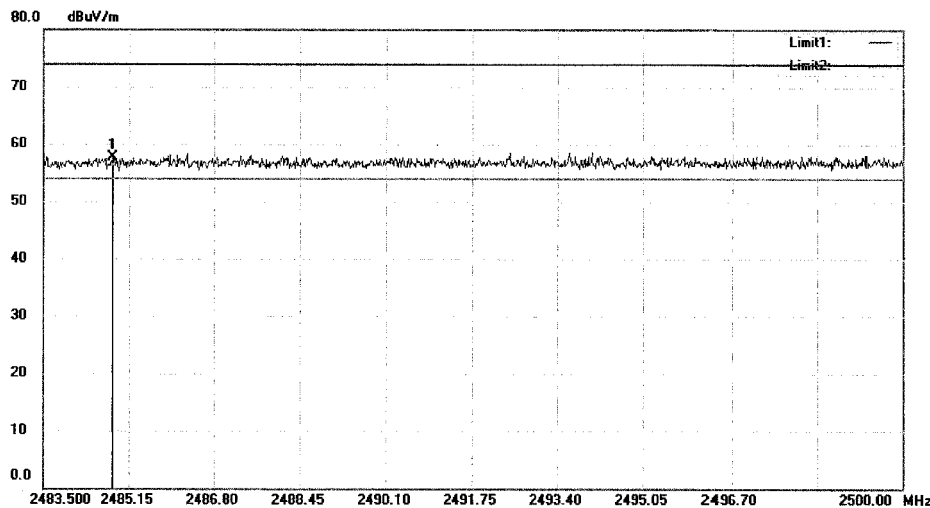

Radiated Emission Measurement

File :TUV 8

Data :#229

Date: 15/08/08/

Time: 15/12/49



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode:GFSK 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2484.836	26.93	30.71	57.64	74.00	-16.36	peak		Comment

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

Operator: KK

File :TUV 8\Data :#229

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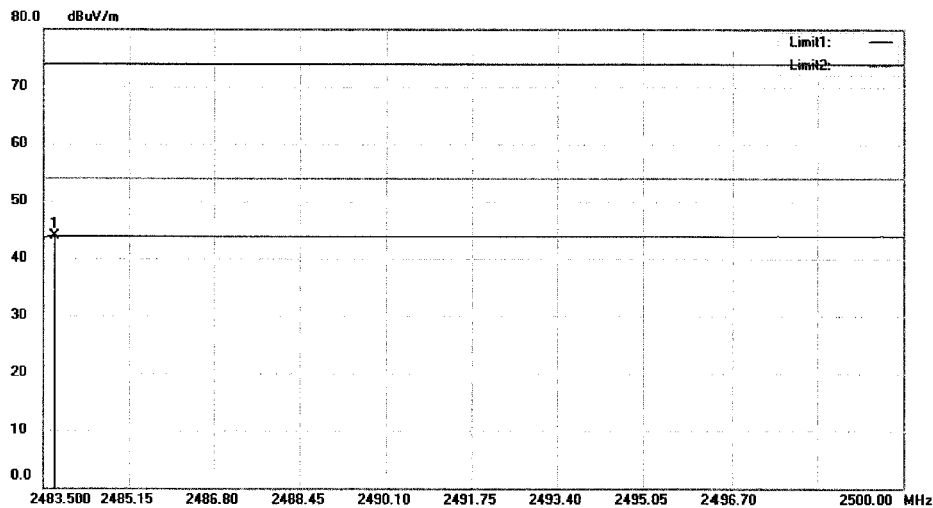

Radiated Emission Measurement

File :TUV 8

Data :#230

Date: 15/08/08/

Time: 15/13/29



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode:GFSK 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm
1	*	2483.715	13.18	30.70	43.88	54.00	-10.12	AVG	.

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

Operator: KK

File :TUV 8\Data :#230

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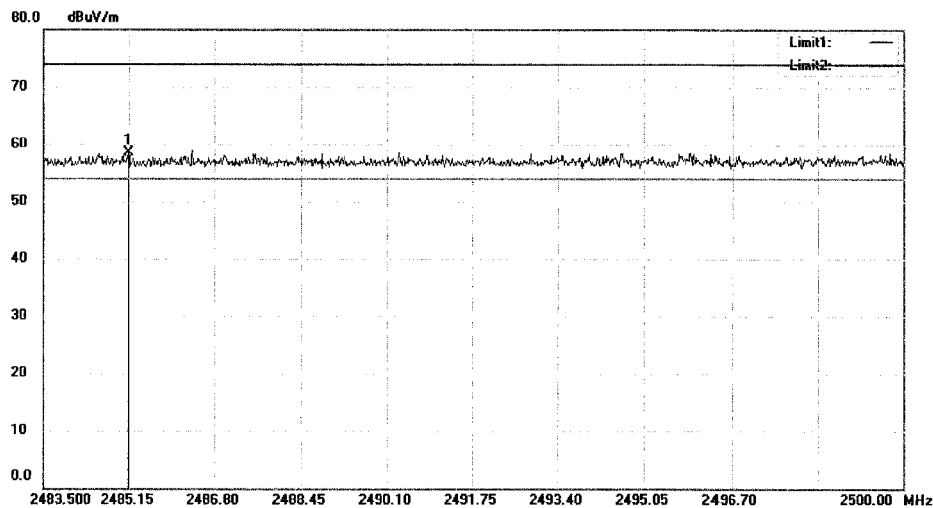

Radiated Emission Measurement

File :TUV 8

Data :#231

Date: 15/08/08/

Time: 15/14/25



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode:GFSK 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2485.133	27.78	30.71	58.49	74.00	-15.51	peak		

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

Operator: KK

File :TUV 8\Data :#231

Page: 1

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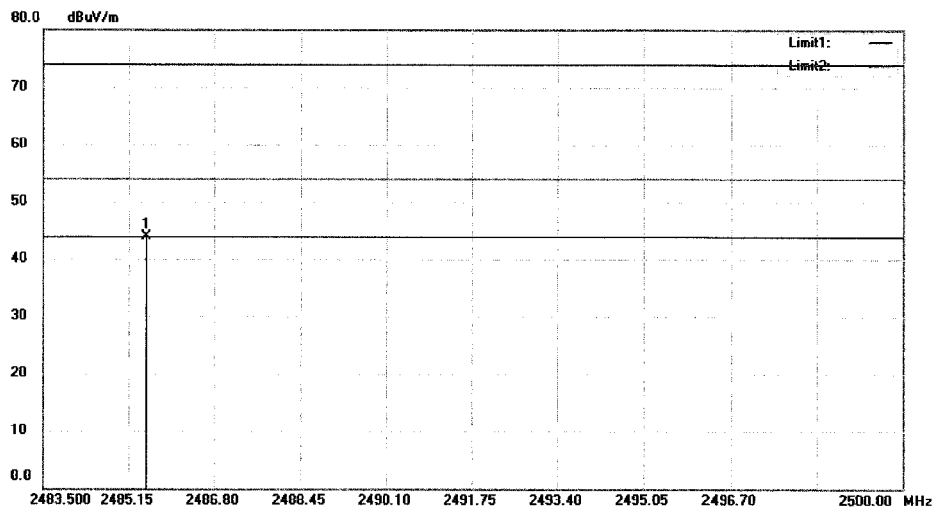
Radiated Emission Measurement

File :TUV 8

Data :#232

Date: 15/08/08/

Time: 15/15/01



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode:GFSK 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2485.497	13.16	30.71	43.87	54.00	-10.13	AVG		

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

Operator: KK

File :TUV 8\Data :#232

Page: 1

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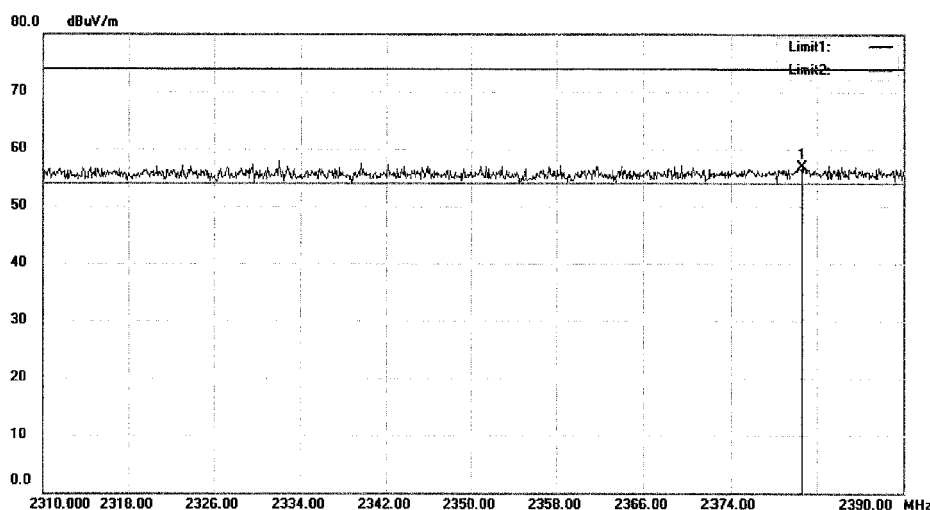

Radiated Emission Measurement

File :TUV 8

Data :#243

Date: 15/08/08/

Time: 15/11/09



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode:8DPSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2380.640	26.67	30.23	56.90	74.00	-17.10	peak		

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

Operator: KK

File :TUV 8\Data :#243

Page: 1

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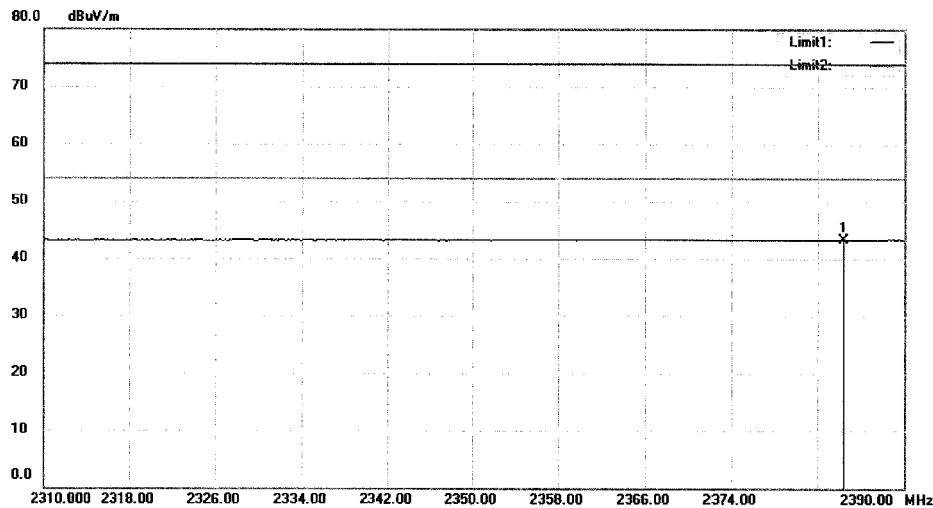

Radiated Emission Measurement

File: TUV 8

Data: #244

Date: 15/08/08/

Time: 15/11/57



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode: 8DPSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2384.400	13.06	30.25	43.31	54.00	-10.69	AVG		

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

Operator: KK

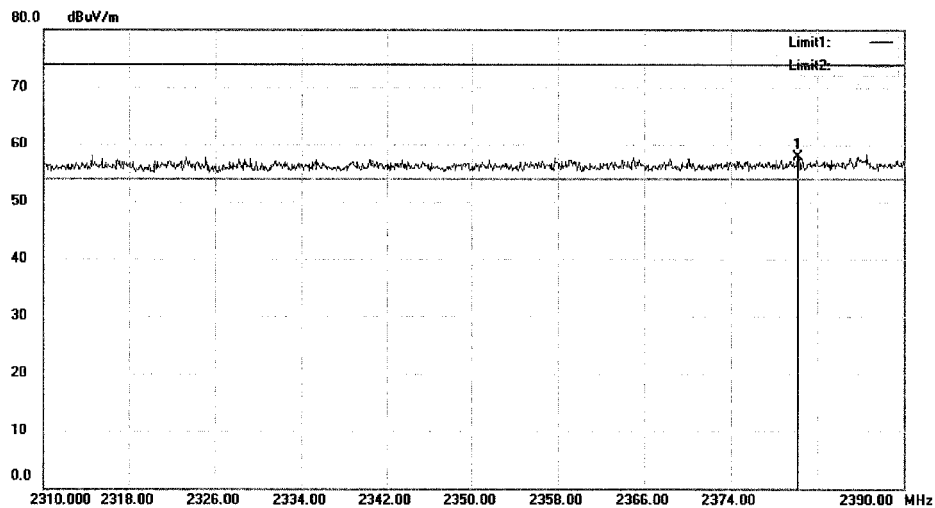
File: TUV 8\Data: #244

Page: 1

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Radiated Emission Measurement

File: TUV 8 Data: #241 Date: 15/08/08/ Time: 15/08/34



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode: 8DPSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2380.240	27.75	30.23	57.98	74.00	-16.02	peak		

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

Operator: KK

File: TUV 8\Data: #241

Page: 1

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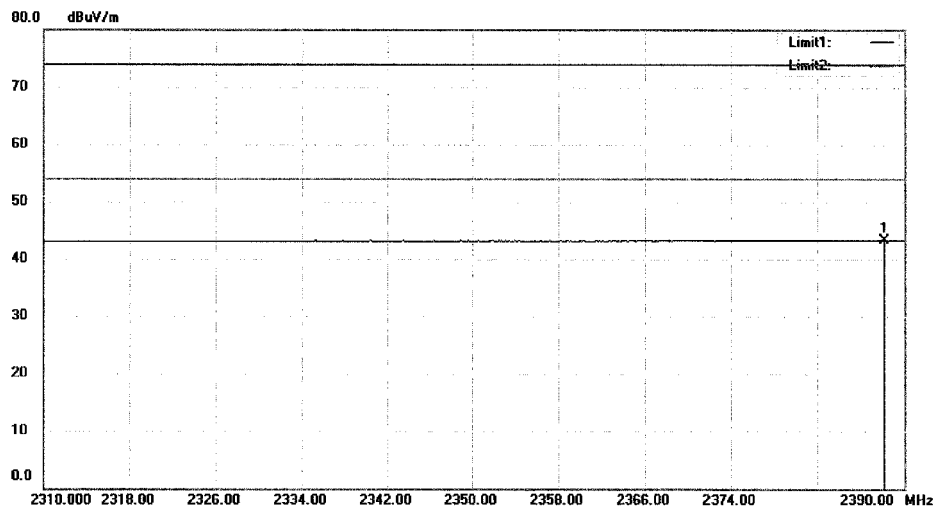

Radiated Emission Measurement

File :TUV 8

Data :#242

Date: 15/08/08/

Time: 15/09/22



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode:8DPSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2388.080	13.06	30.27	43.33	54.00	-10.67	AVG		

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

Operator: KK

File :TUV 8\Data :#242

Page: 1

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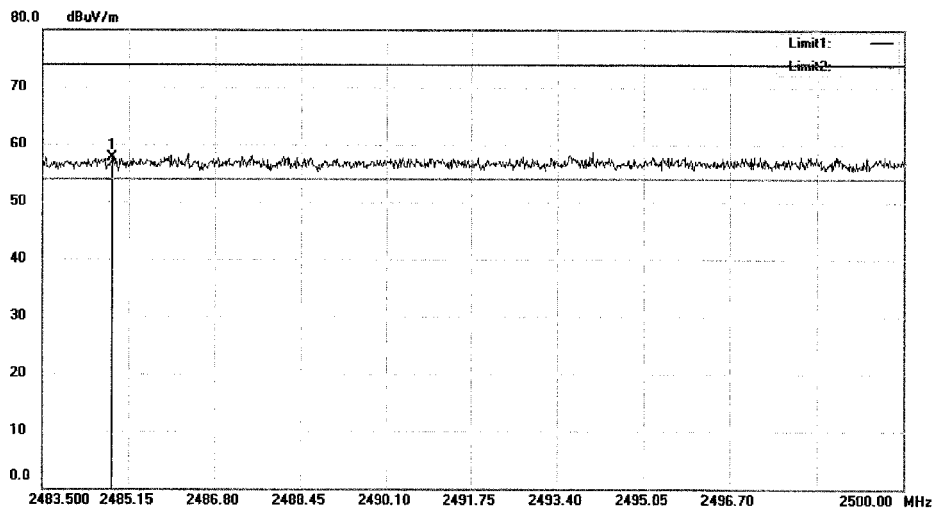

Radiated Emission Measurement

File: TUV 8

Data: #245

Date: 15/08/08/

Time: 15/12/49



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode: 8DPSK 2480

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
1	*	2484.836	26.93	30.71	57.64	74.00	-16.36 peak		

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

Operator: KK

File: TUV 8\Data: #245

Page: 1

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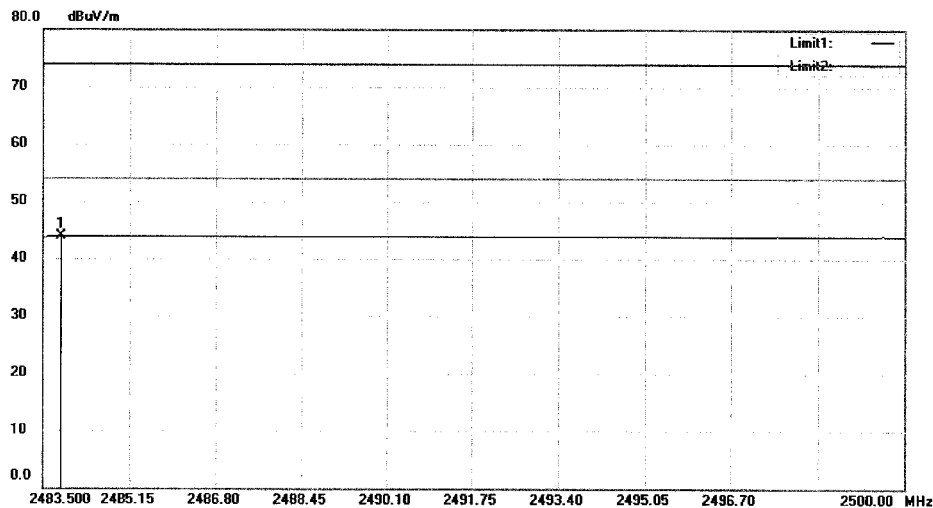

Radiated Emission Measurement

File :TUV 8

Data :#246

Date: 15/08/08/

Time: 15/13/29



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode:8DPSK 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2483.847	13.14	30.71	43.85	54.00	-10.15	AVG		

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

Operator: KK

File :TUV 8\Data :#246

Page: 1

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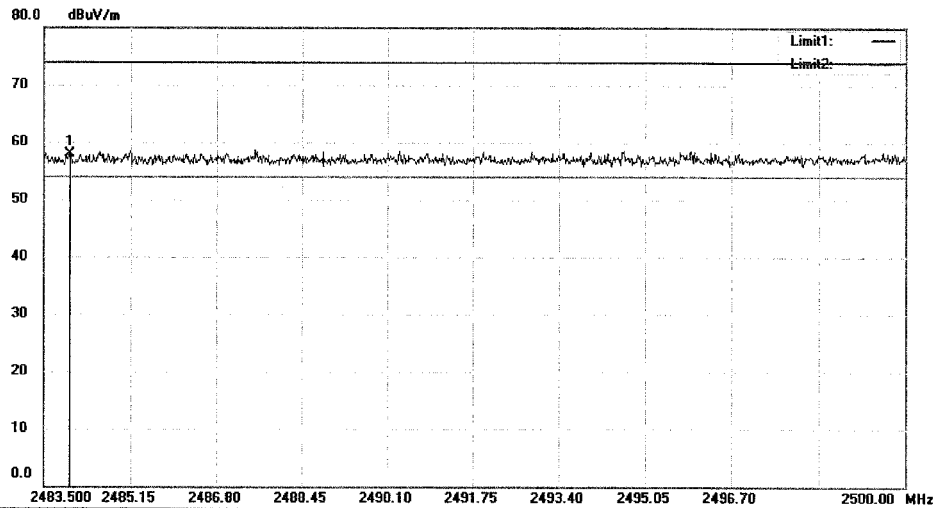

Radiated Emission Measurement

File: TUV 8

Data: #247

Date: 15/08/08/

Time: 15/14/25



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode: 8DPSK 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2483.995	27.12	30.71	57.83	74.00	-16.17	peak		

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

Operator: KK

File :TUV 8\Data :#247

Page: 1

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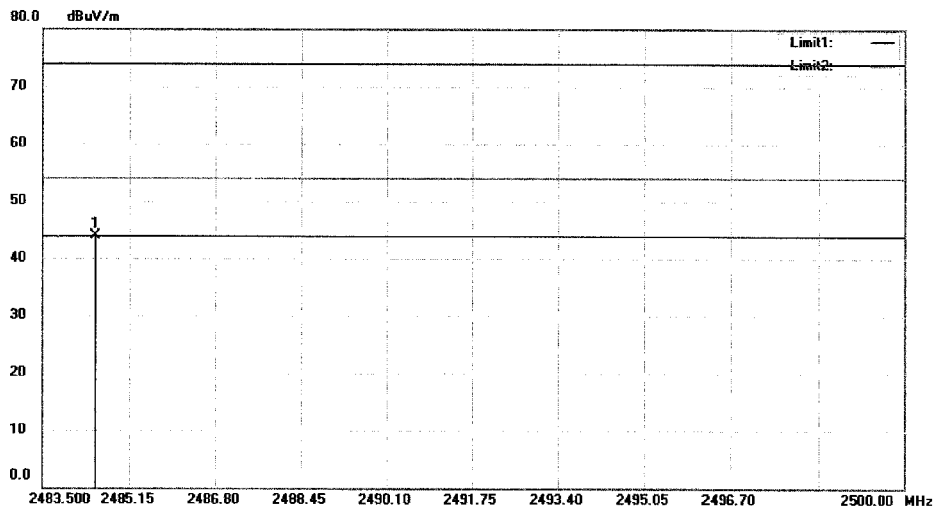

Radiated Emission Measurement

File: TUV 8

Data: #248

Date: 15/08/08/

Time: 15/15/01



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode: 8DPSK 2480

Note:

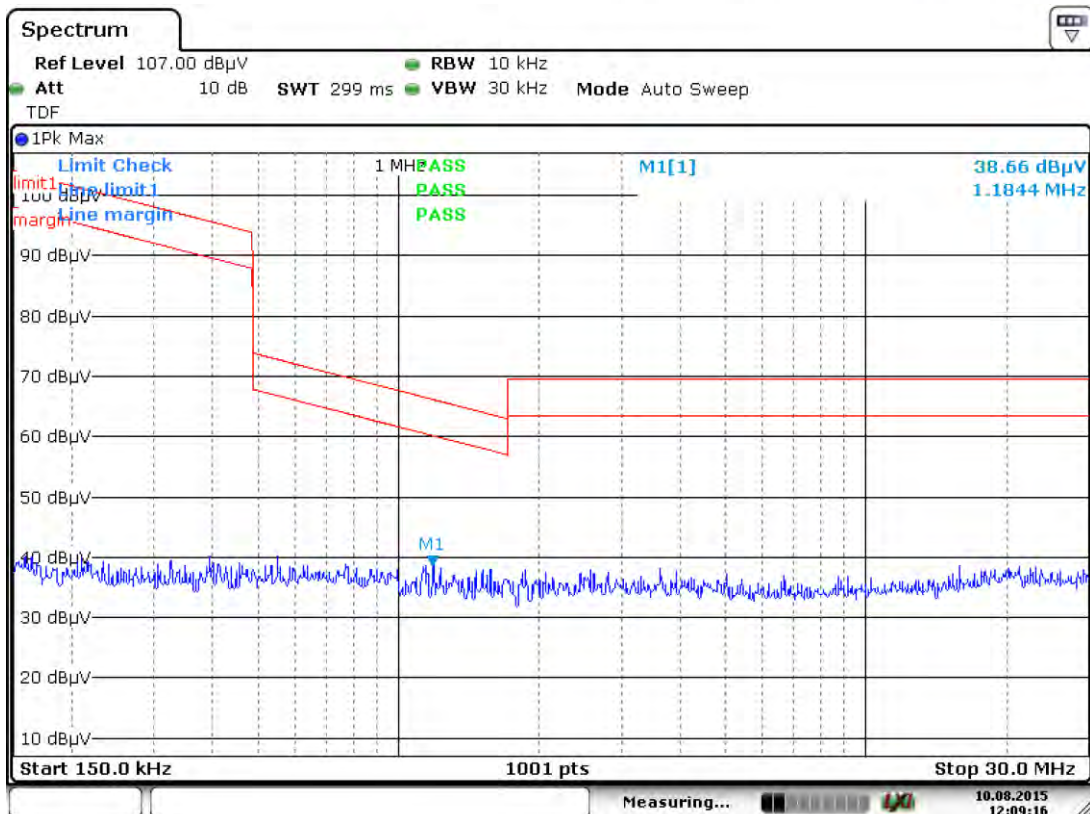
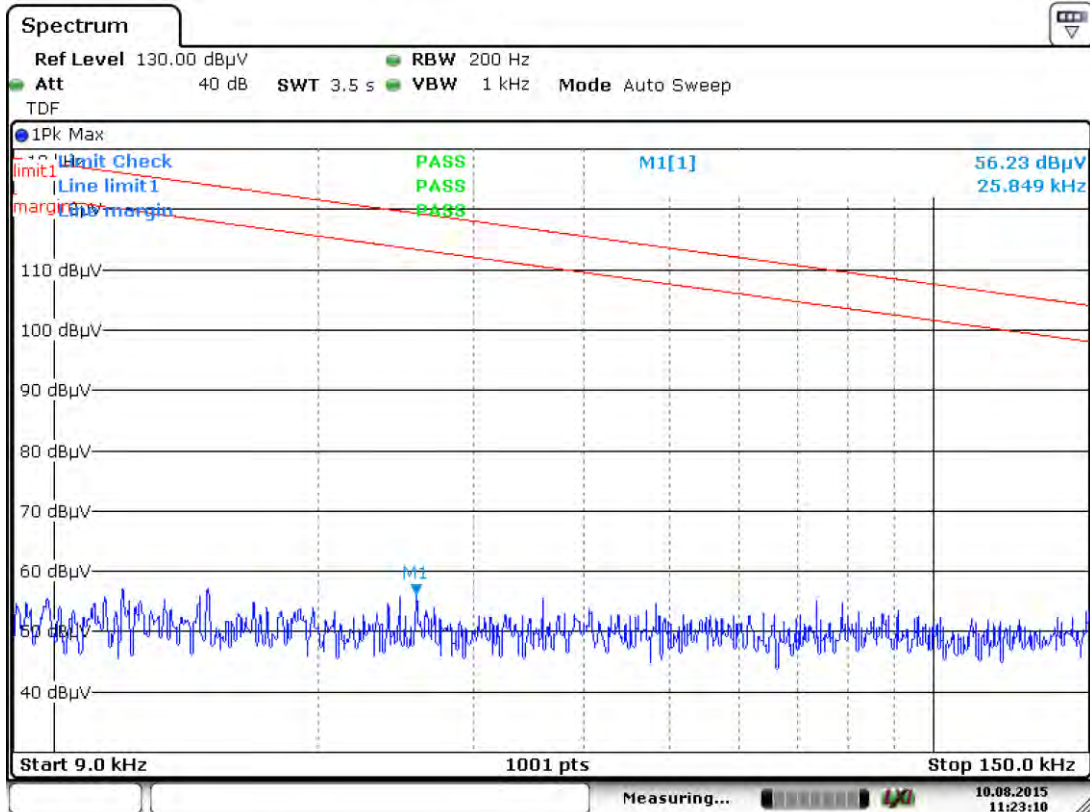
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2484.506	13.15	30.71	43.86	54.00	-10.14	AVG		

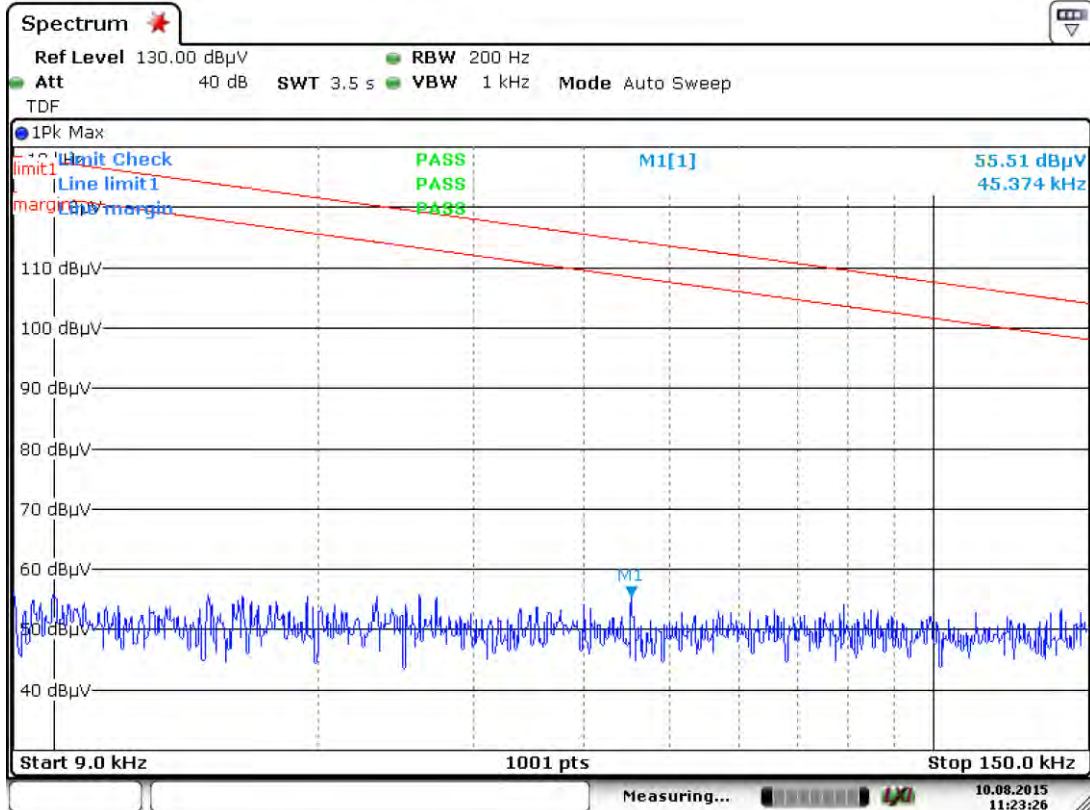
*:Maximum data x:Over limit !:over margin

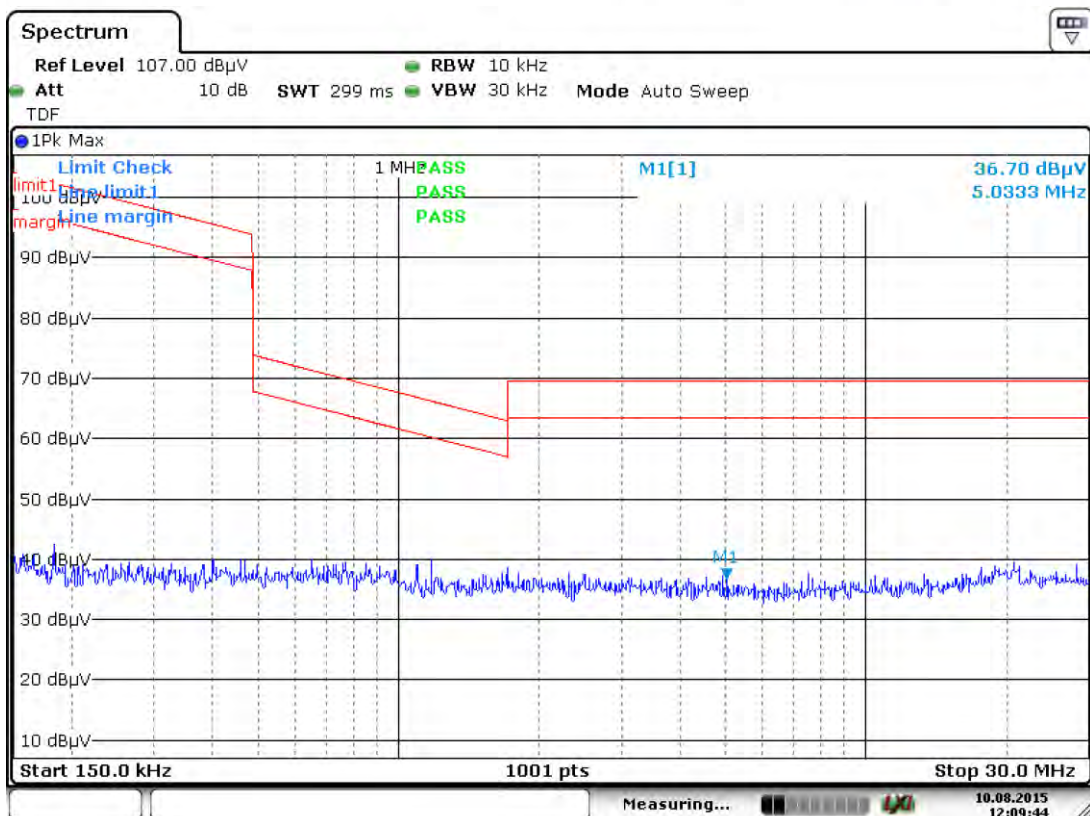
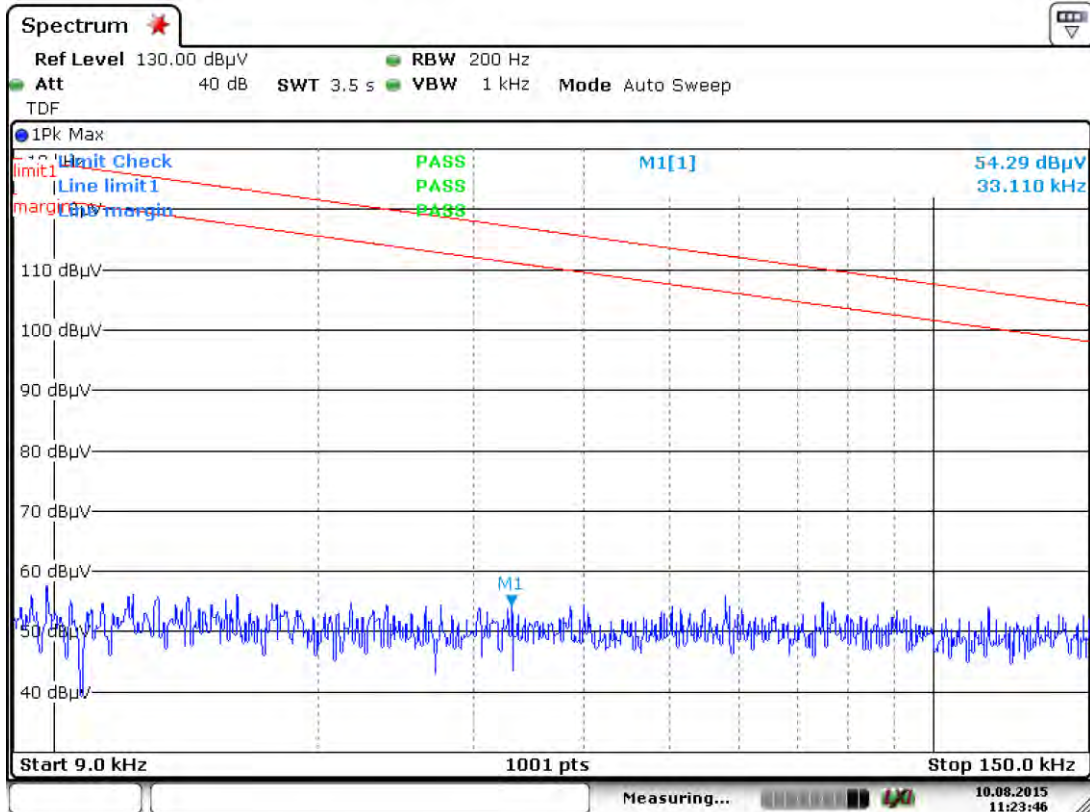
Operator: KK

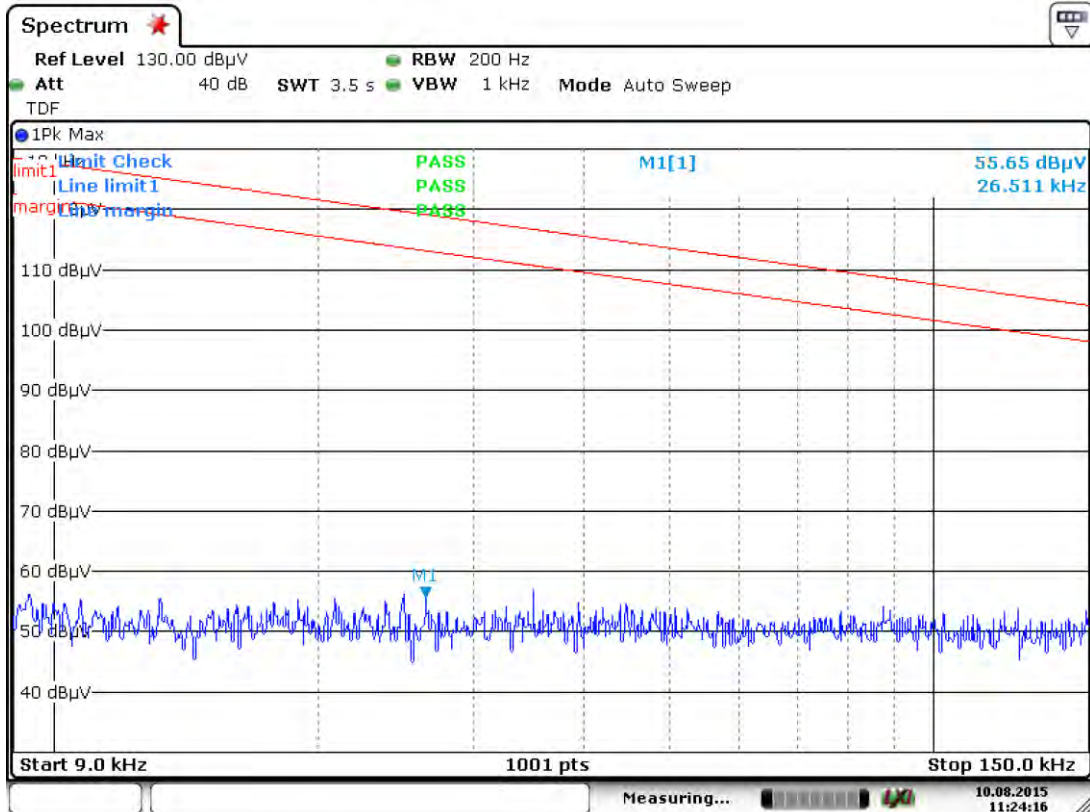
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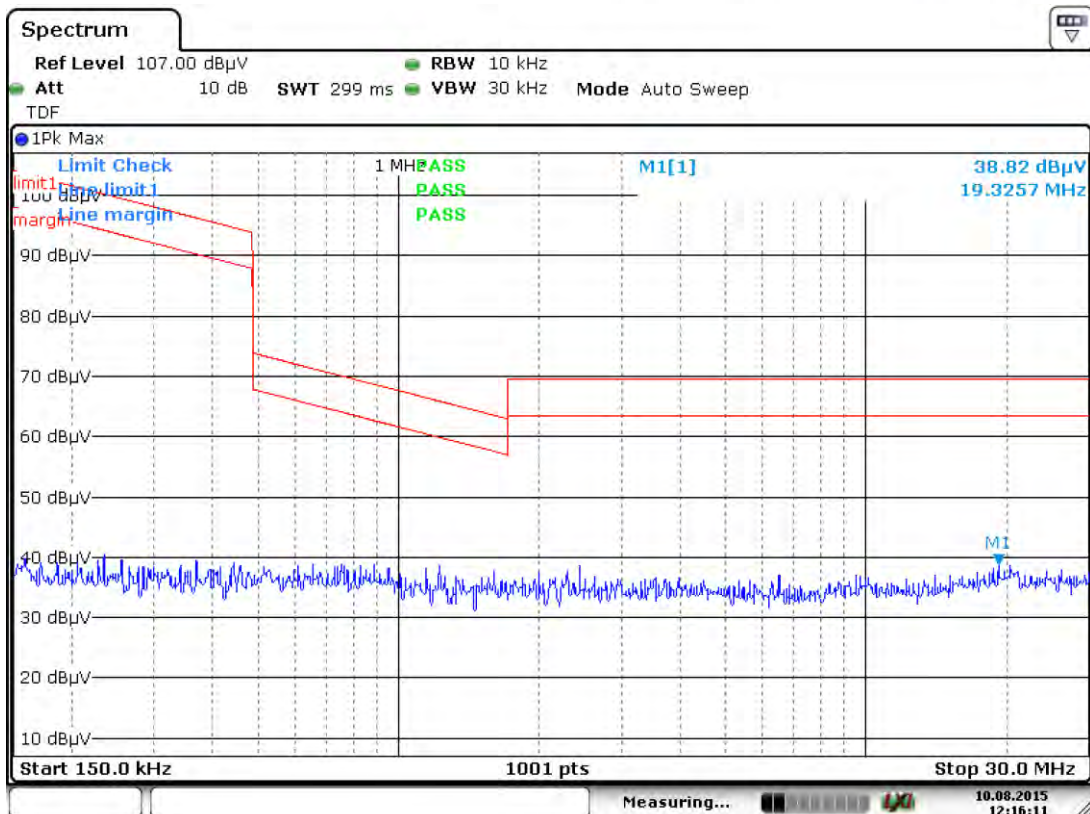
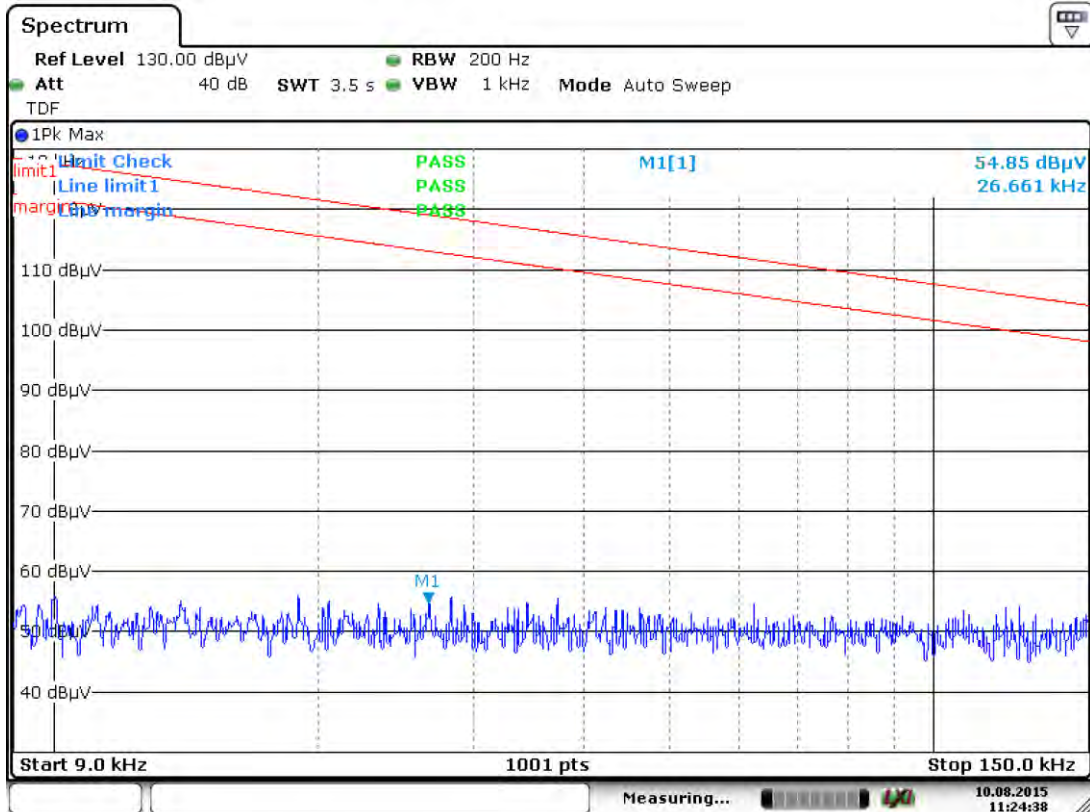
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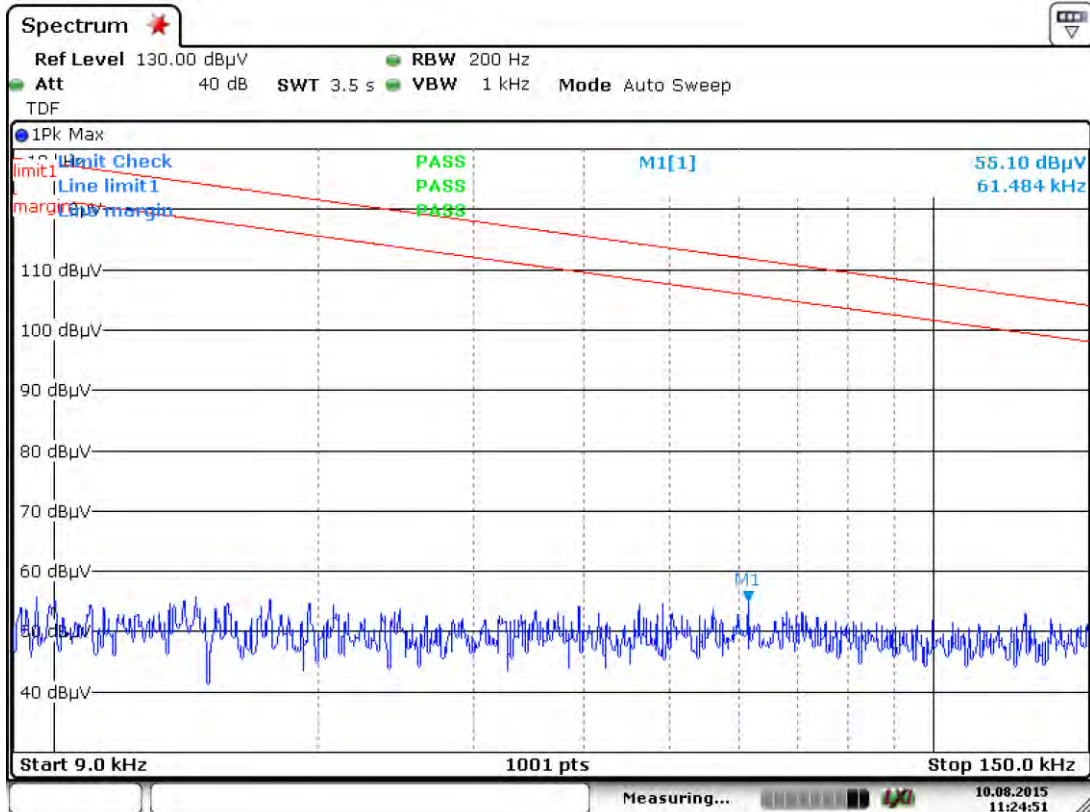
Test Plot of 2402MHz-X of LE mode


Test Plot of 2402MHz-Y of LE mode


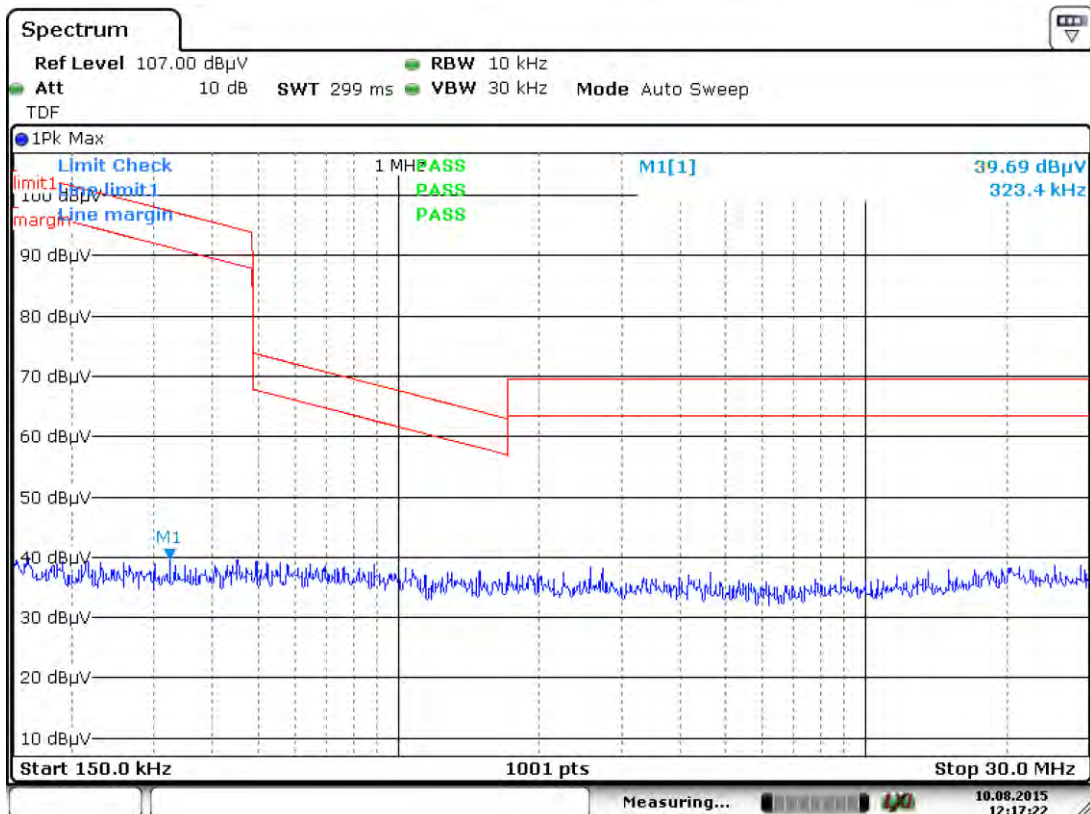
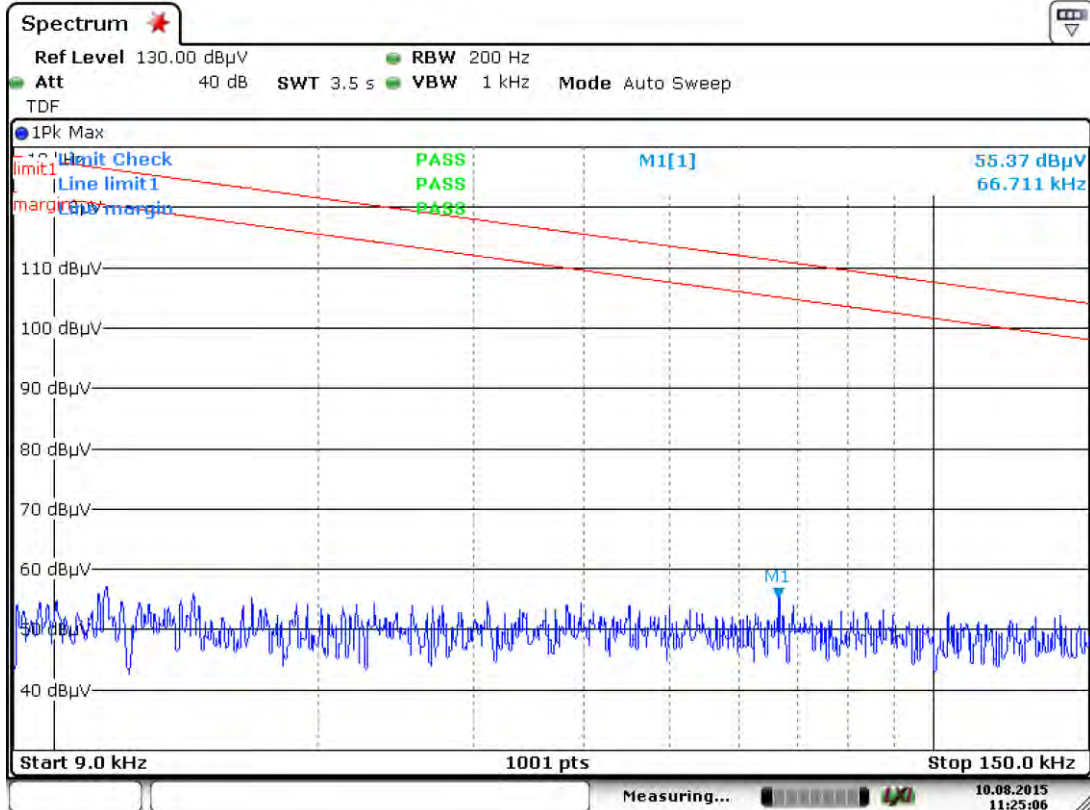
Test Plot of 2402MHz-Z of LE mode


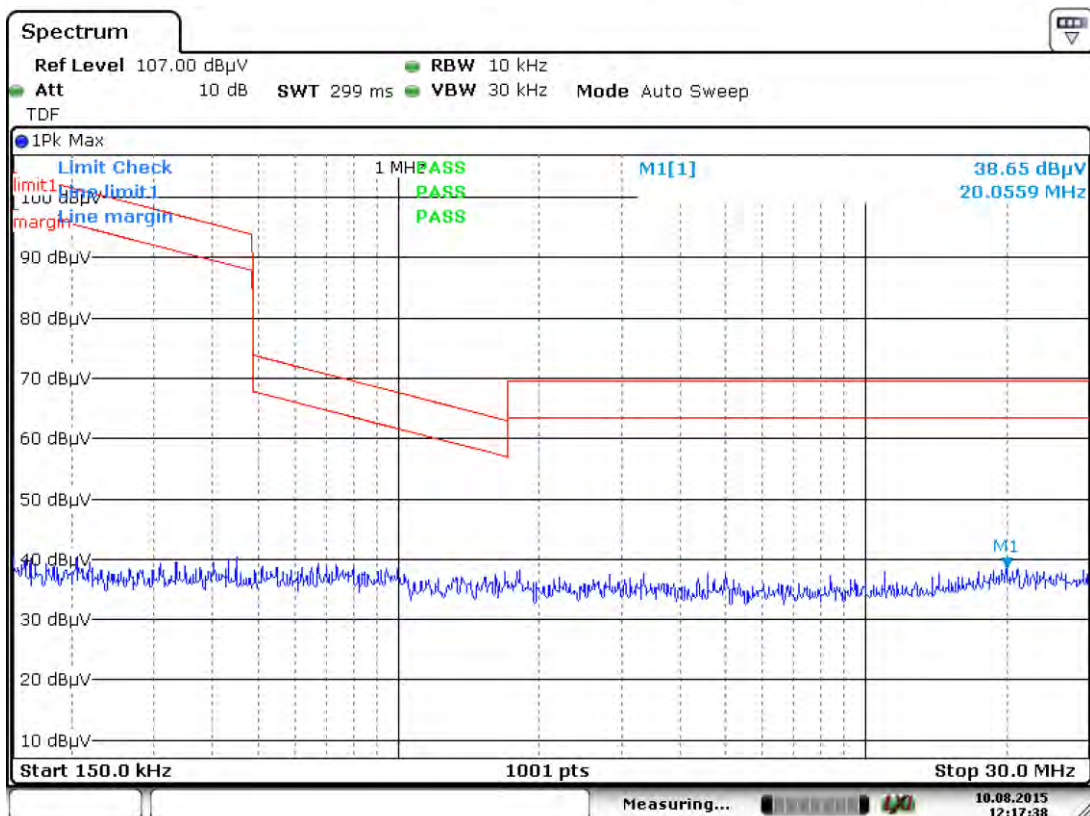
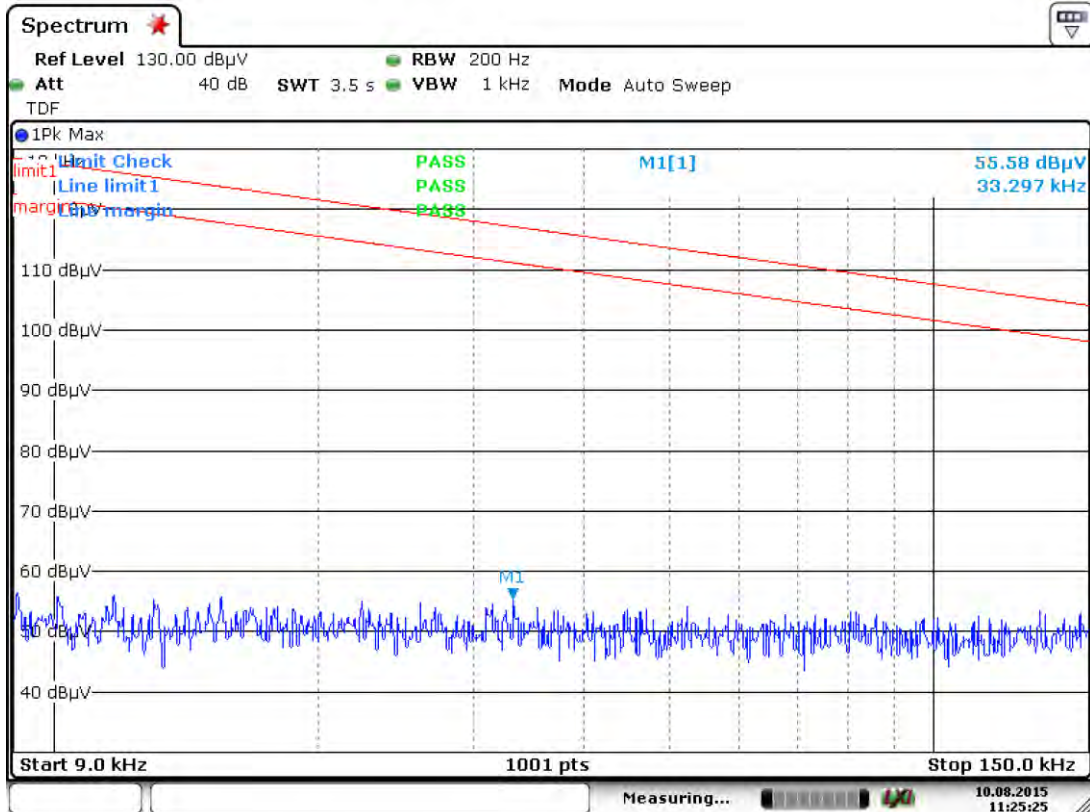
Test Plot of 2440MHz-X of LE mode


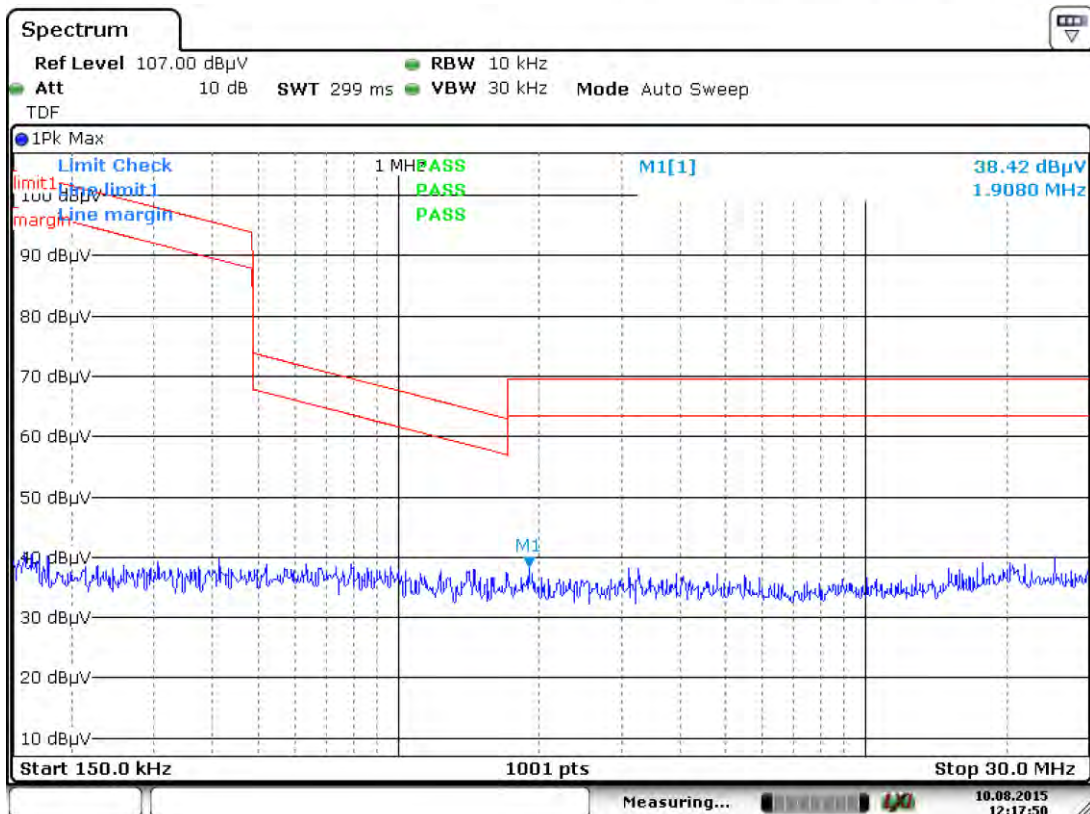
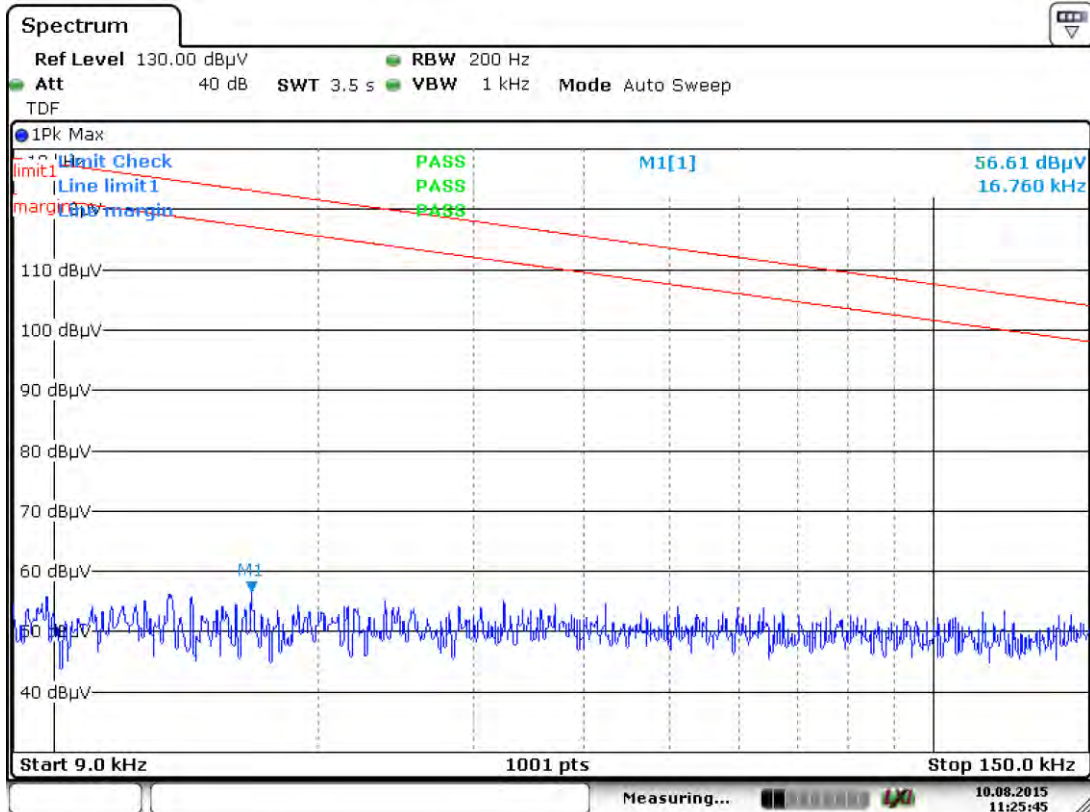
Test Plot of 2440MHz-Y of LE mode


Test Plot of 2440MHz-Z of LE mode


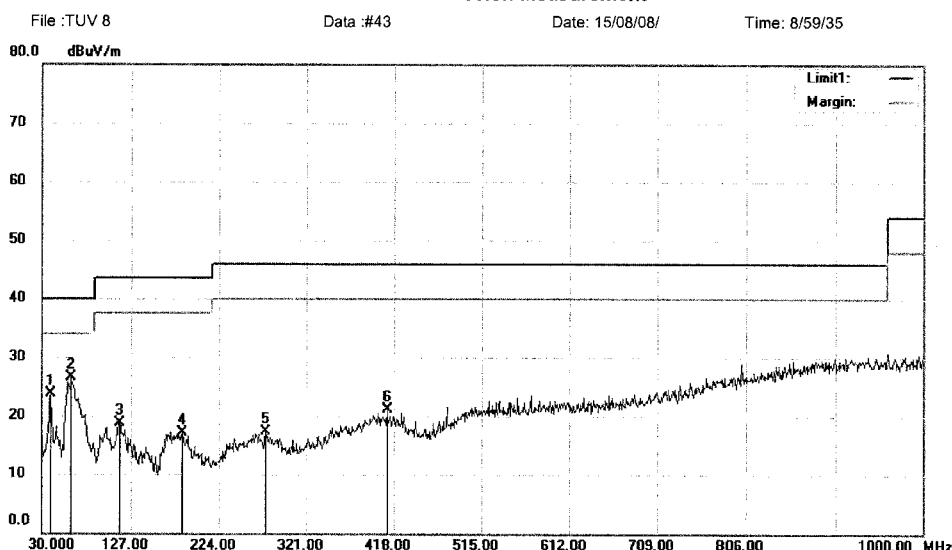
Test Plot of 2480MHz-X of LE mode



Test Plot of 2480MHz-Y of LE mode


Test Plot of 2480MHz-Z of LE mode


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Radiated Emission Measurement


Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode: BLE 2402

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		39.7000	36.56	-12.95	23.61	40.00	-16.39	QP		
2	*	62.0100	42.65	-16.12	26.53	40.00	-13.47	QP		
3		114.3900	33.79	-15.15	18.64	43.50	-24.86	QP		
4		183.2600	35.44	-18.41	17.03	43.50	-26.47	QP		
5		276.3800	29.85	-12.61	17.24	46.00	-28.76	QP		
6		410.2400	30.22	-9.16	21.06	46.00	-24.94	QP		

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

Operator: XLX

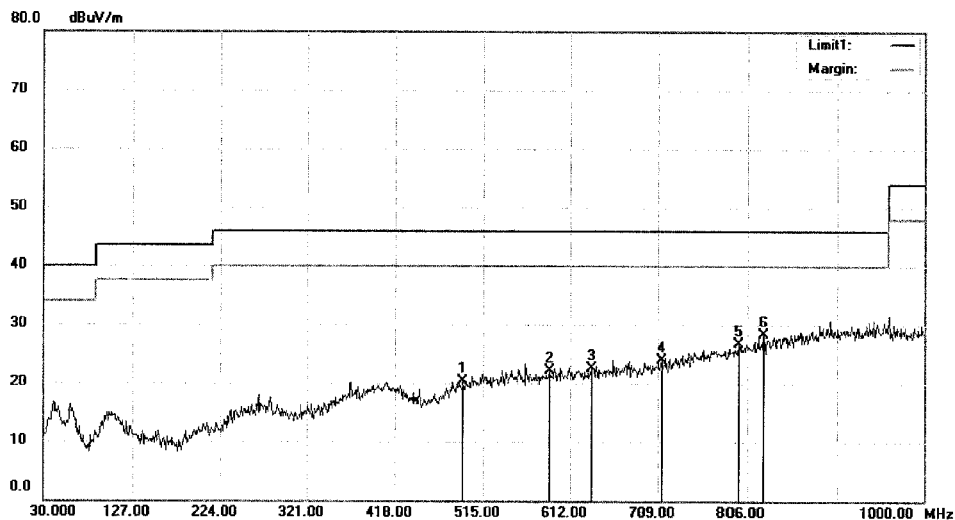
File : TUV 8 \Data : #43

Page: 1

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Radiated Emission Measurement

File: TUV 8 Data: #44 Date: 15/08/08/ Time: 9/00/37



Site: 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode: BLE 2402

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		492.6900	28.78	-8.44	20.34	46.00	-25.66	QP		
2		588.7200	29.12	-7.07	22.05	46.00	-23.95	QP		
3		636.2500	29.12	-6.63	22.49	46.00	-23.51	QP		
4		712.8800	29.40	-5.58	23.82	46.00	-22.18	QP		
5		796.3000	29.76	-2.99	26.77	46.00	-19.23	QP		
6	*	823.4600	30.72	-2.34	28.38	46.00	-17.62	QP		

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

Operator: XLX

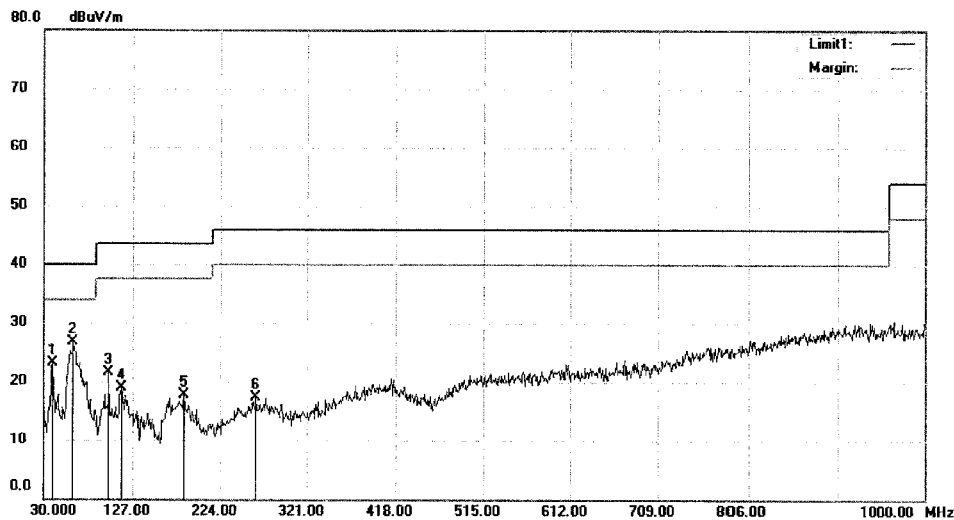
File: TUV 8\Data: #44

Page: 1

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Radiated Emission Measurement

File : TUV 8 Data : #45 Date: 15/08/08/ Time: 9/01/03



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode: BLE 2440

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		39.7000	36.14	-12.95	23.19	40.00	-16.81	QP		
2	*	62.0100	42.80	-16.12	26.68	40.00	-13.32	QP		
3		100.8100	35.46	-14.02	21.44	43.50	-22.06	QP		
4		114.3900	34.14	-15.15	18.99	43.50	-24.51	QP		
5		183.2600	36.13	-18.41	17.72	43.50	-25.78	QP		
6		263.7700	30.09	-12.75	17.34	46.00	-28.66	QP		

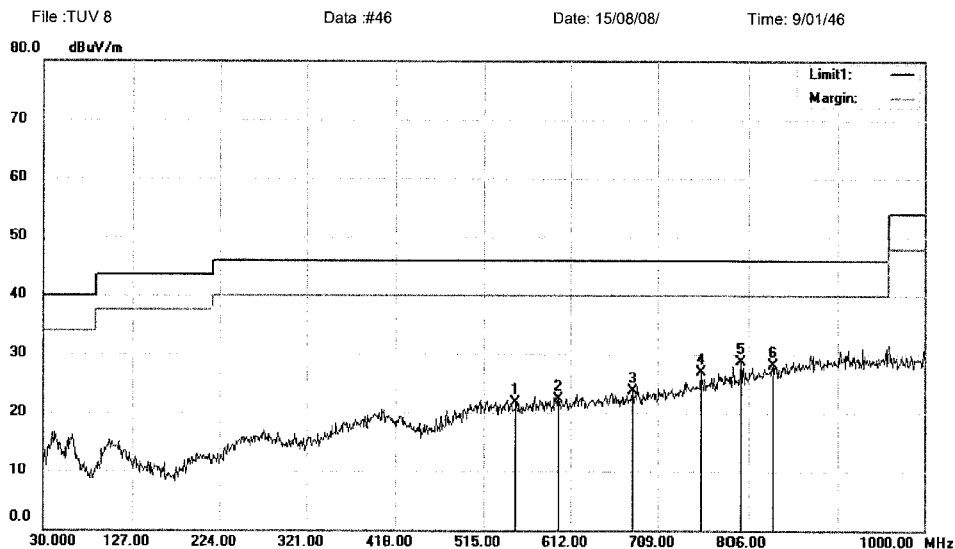
*:Maximum data x:Over limit !:over margin

Operator: XLX

File : TUV 8 \Data : #45

Page: 1

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Radiated Emission Measurement


Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode: BLE 2440

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		550.8900	29.19	-7.39	21.80	46.00	-24.20	QP		
2		598.4200	29.30	-7.00	22.30	46.00	-23.70	QP		
3		680.8700	29.96	-6.18	23.78	46.00	-22.22	QP		
4		757.5000	31.06	-4.20	26.86	46.00	-19.14	QP		
5	*	797.2700	31.66	-2.95	28.71	46.00	-17.29	QP		
6		832.1900	30.28	-2.15	28.13	46.00	-17.87	QP		

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

Operator: XLX

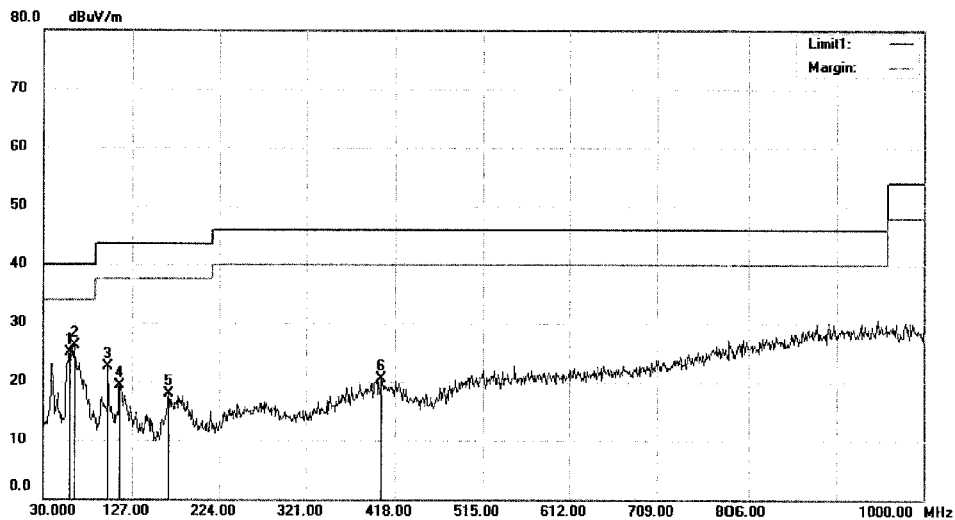
File : TUV 8 \Data : #46

Page: 1

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Radiated Emission Measurement

File : TUV 8 Data : #47 Date: 15/08/08/ Time: 9/02/09



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode: BLE 2480

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		59.1000	40.48	-15.55	24.93	40.00	-15.07	QP		
2	*	63.9500	42.80	-16.70	26.10	40.00	-13.90	QP		
3		100.8100	36.48	-14.02	22.46	43.50	-21.04	QP		
4		113.4200	34.28	-14.94	19.34	43.50	-24.16	QP		
5		167.7400	37.13	-19.27	17.86	43.50	-25.64	QP		
6		403.4500	29.42	-8.96	20.46	46.00	-25.54	QP		

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

Operator: XLX

File : TUV 8\Data : #47

Page: 1

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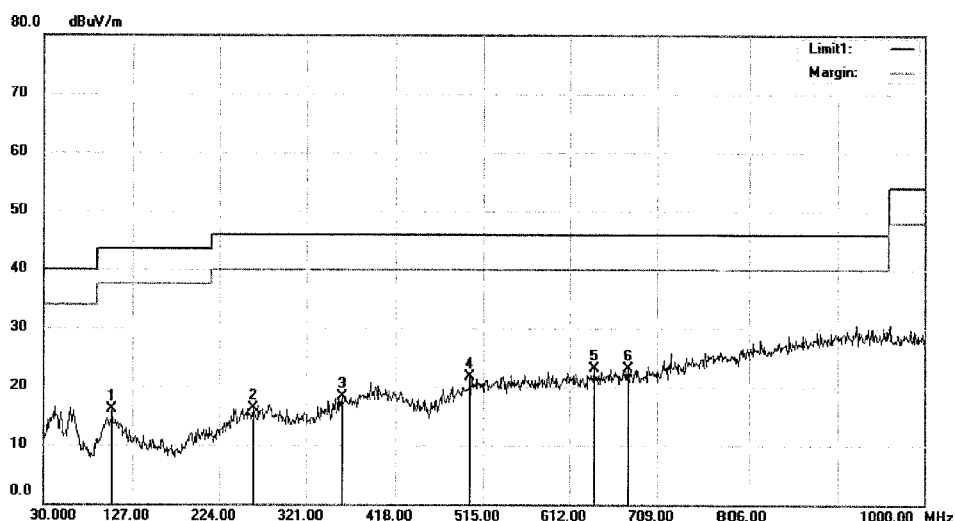
Radiated Emission Measurement

File :TUV 8

Data :#48

Date: 15/08/08/

Time: 9/02/33



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode:BLE 2480

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		104.6900	30.25	-14.10	16.15	43.50	-27.35	QP		
2		261.8300	29.13	-12.77	16.36	46.00	-29.64	QP		
3		359.8000	29.13	-10.76	18.37	46.00	-27.63	QP		
4		500.4500	29.56	-7.80	21.76	46.00	-24.24	QP		
5		639.1600	29.71	-6.59	23.12	46.00	-22.88	QP		
6	*	676.9900	29.42	-6.22	23.20	46.00	-22.80	QP		

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

Operator: XLX

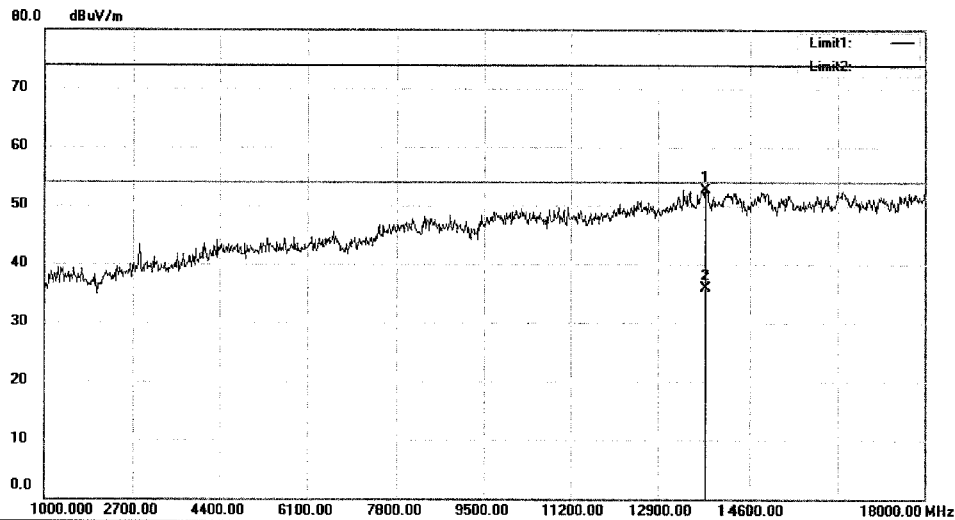
File :TUV 8\Data :#48

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Radiated Emission Measurement

File :TUV 8 Data :#91 Date: 15/08/08/ Time: 21:09:48



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode:BLE 2402

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		13818.00	47.80	4.93	52.73	74.00	-21.27	peak		
2	*	13818.00	31.01	4.93	35.94	54.00	-18.06	AVG		

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

Operator: KK

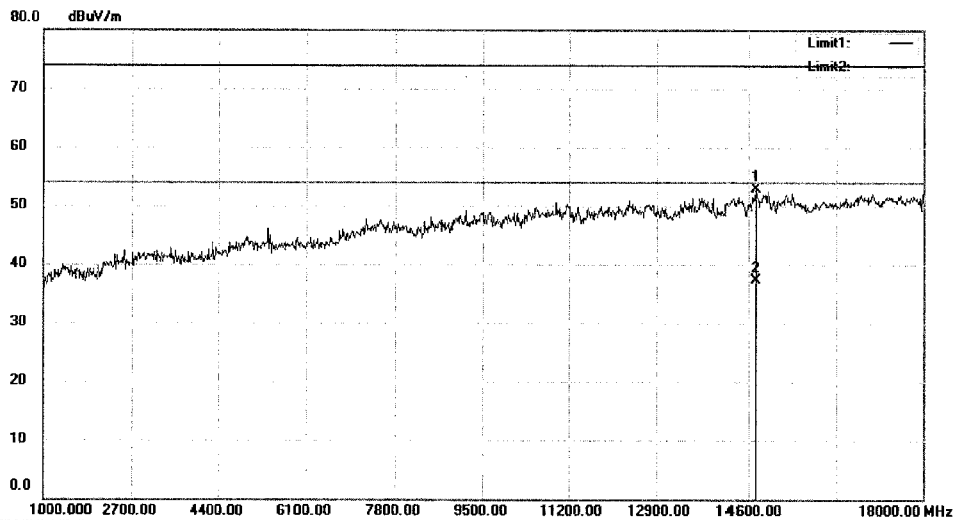
File :TUV 8\Data :#91

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Radiated Emission Measurement

File :TUV 8 Data :#92 Date: 15/08/08/ Time: 21:11:26



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode:BLE 2402

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		14753.00	47.55	5.33	52.88	74.00	-21.12	peak		
2	*	14753.00	31.90	5.33	37.23	54.00	-16.77	AVG		

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

Operator: KK

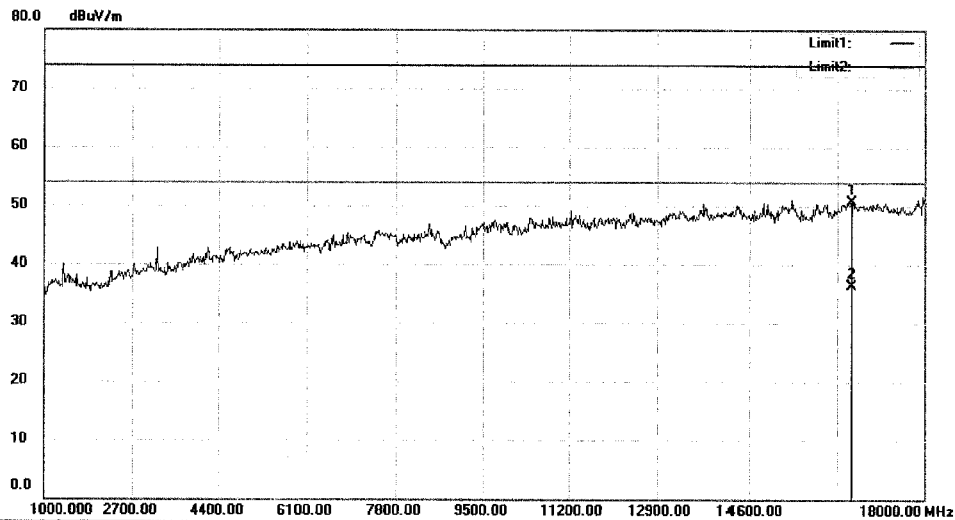
File :TUV 8\Data :#92

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Radiated Emission Measurement

File : TUV 8 Data : #94 Date: 15/08/09/ Time: 8/53/37



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode: BLE 2440

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		16572.00	49.65	1.06	50.71	74.00	-23.29	peak		
2	*	16572.00	35.28	1.06	36.34	54.00	-17.66	AVG		

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

Operator: KK

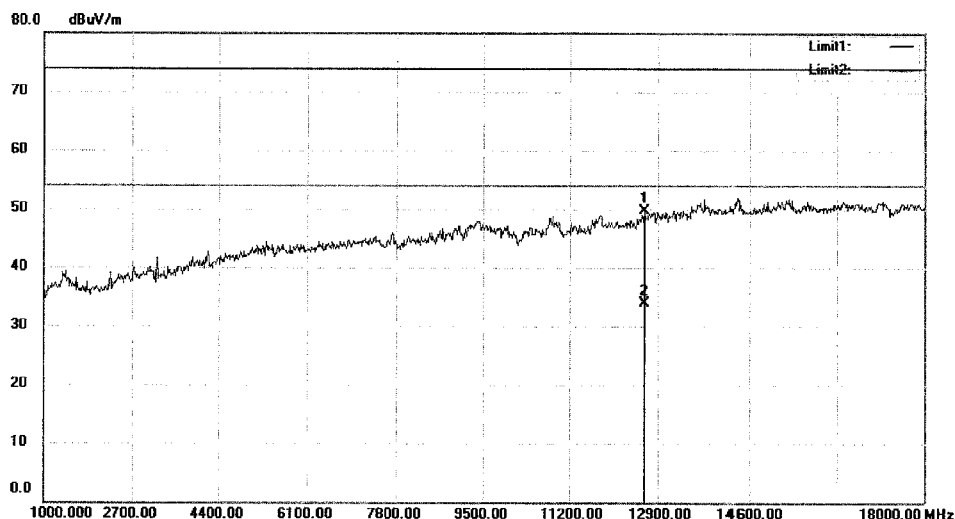
File : TUV 8 \Data : #94

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Radiated Emission Measurement

File: TUV 8 Data: #93 Date: 15/08/09/ Time: 8/52/29



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode: BLE 2440

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		12628.00	51.32	-1.53	49.79	74.00	-24.21	peak		
2	*	12628.00	35.39	-1.53	33.86	54.00	-20.14	AVG		

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

Operator: KK

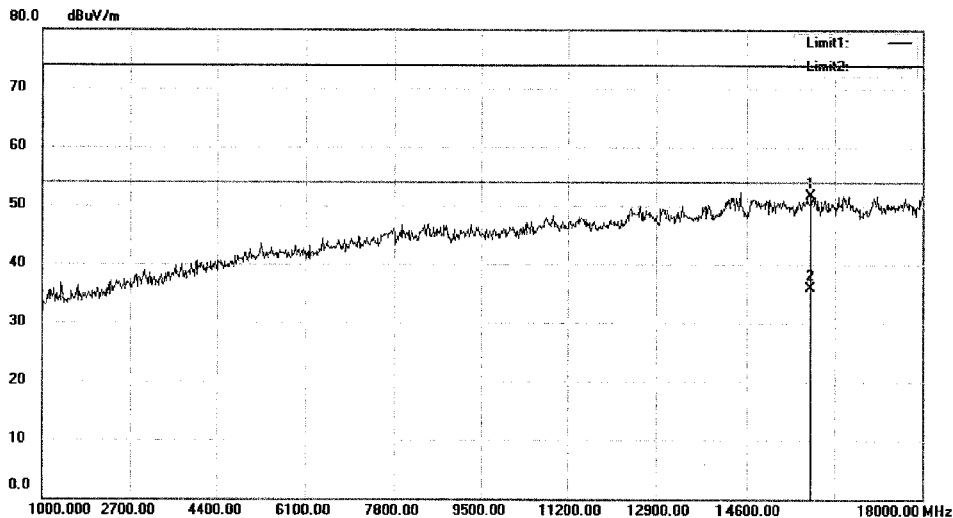
File: TUV 8\Data: #93

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Radiated Emission Measurement

File : TUV 8 Data : #96 Date: 15/08/09/ Time: 8/58/38


 Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 CLASS B Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: MID721-L DL718M
 Mode: BLE 2480
 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		15841.00	52.36	-0.71	51.65	74.00	-22.35	peak		
2	*	15841.00	36.53	-0.71	35.82	54.00	-18.18	AVG		

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

Operator: KK

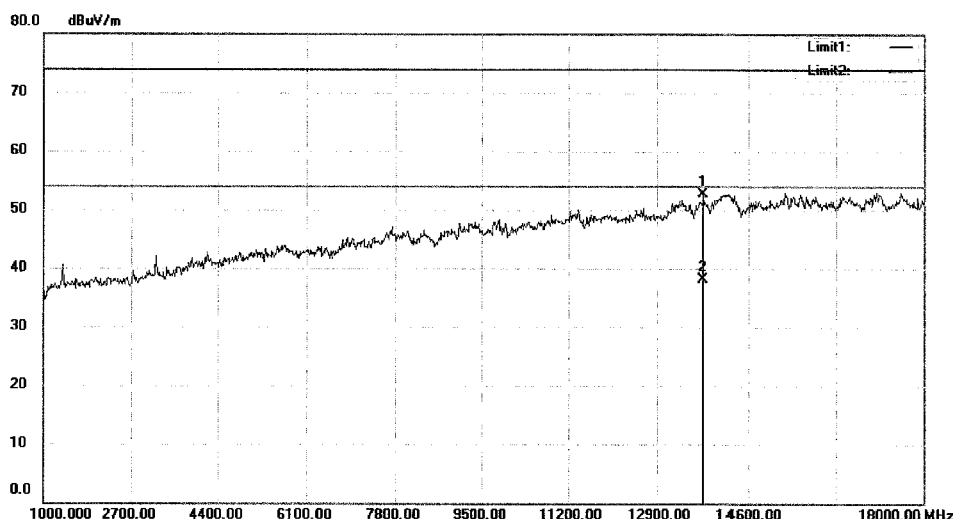
File : TUV 8\Data : #96

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Radiated Emission Measurement

File :TUV 8 Data :#95 Date: 15/08/09/ Time: 8/55/50



Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 CLASS B Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: MID721-L DL718M
 Mode:BLE 2480
 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		13801.00	49.77	2.96	52.73	74.00	-21.27	peak		
2	*	13801.00	35.20	2.96	38.16	54.00	-15.84	AVG		

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

Operator: KK

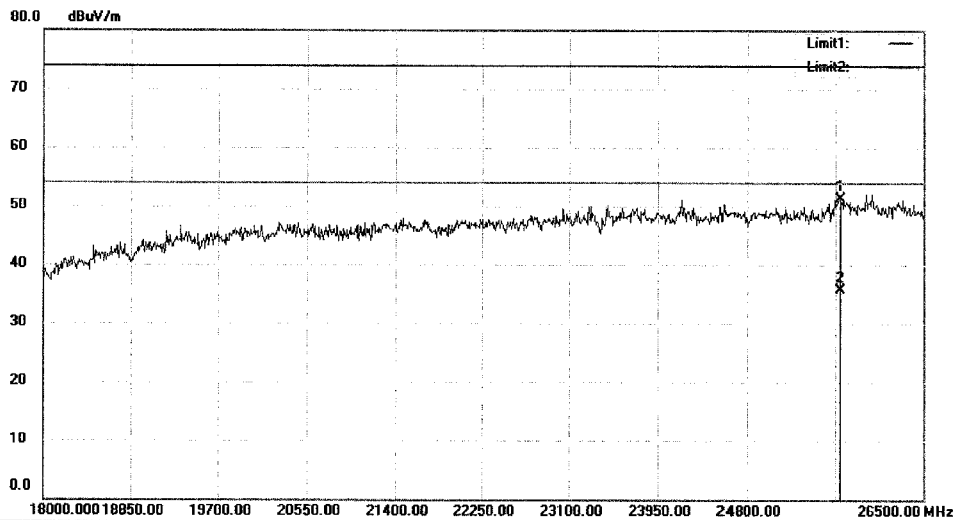
File :TUV 8\Data :#95

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Radiated Emission Measurement

File: TUV 8 Data: #163 Date: 15/08/09 Time: 10/11/54



Site: 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 CLASS B Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: MID721-L DL718M
 Mode: BLE 2402
 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		25701.00	87.40	-36.15	51.25	74.00	-22.75	peak		
2	*	25701.00	71.79	-36.15	35.64	54.00	-18.36	AVG		

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

Operator: KK

File: TUV 8\Data: #163

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Radiated Emission Measurement

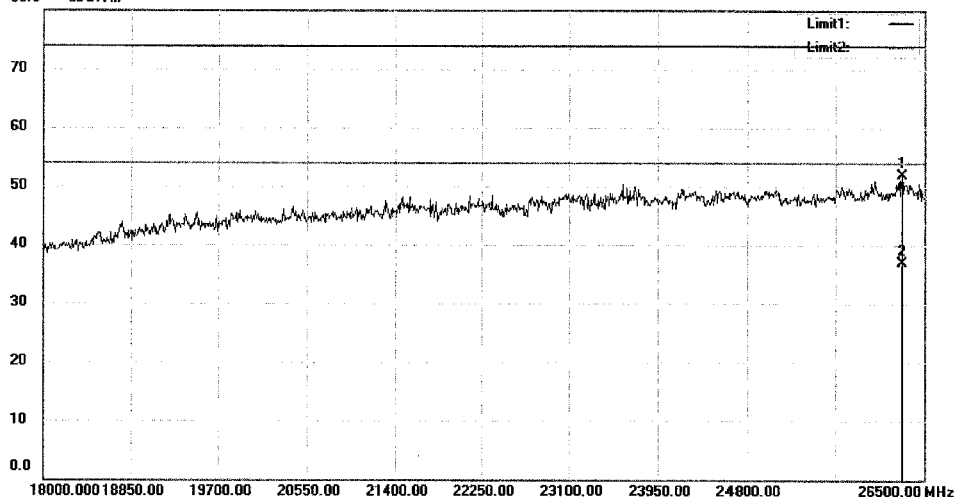
File :TUV 8

Data :#164

Date: 15/08/09/

Time: 10/11/59

80.0 dBuV/m



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode:BLE 2402

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		26287.50	87.27	-35.44	51.83	74.00	-22.17	peak		
2	*	26287.50	72.39	-35.44	36.95	54.00	-17.05	AVG		

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

Operator: KK

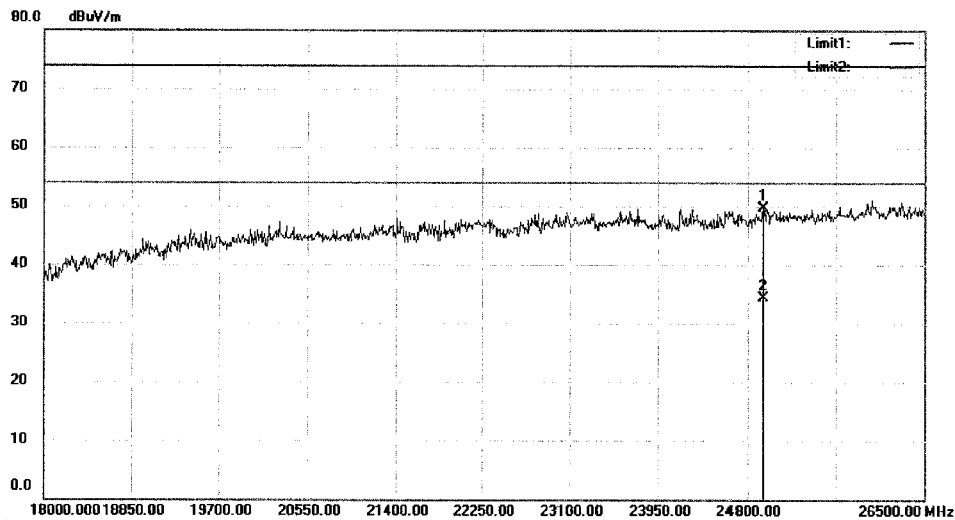
File :TUV 8\Data :#164

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Radiated Emission Measurement

File: TUV 8 Data: #165 Date: 15/08/09/ Time: 10/12/02



Site: 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 CLASS B Power: AC 120V/60Hz Humidity: 53 %
 EUT: MID
 M/N: MID721-L DL718M
 Mode: BLE 2440
 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		24953.00	86.72	-37.02	49.70	74.00	-24.30	peak		
2	*	24953.00	71.38	-37.02	34.36	54.00	-19.64	AVG		

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

Operator: KK

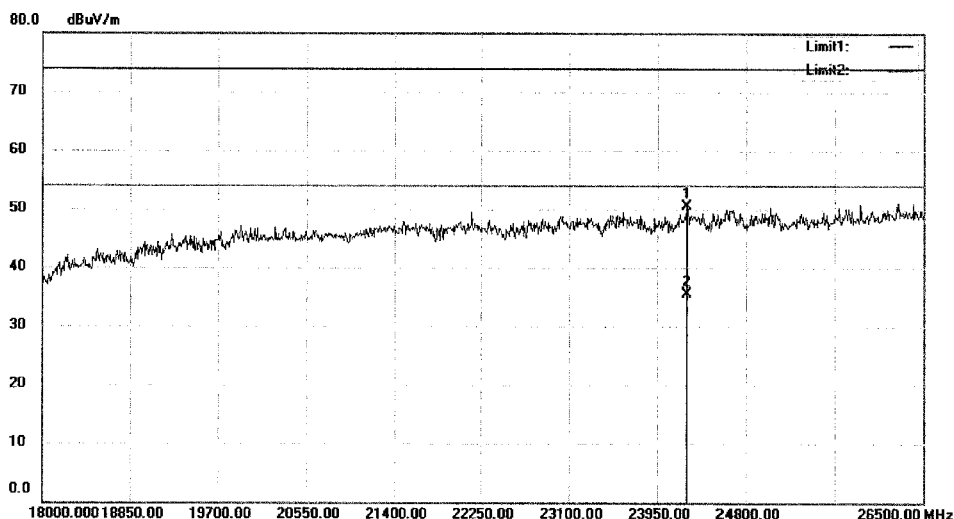
File: TUV 8 \Data: #165

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Radiated Emission Measurement

File :TUV 8 Data :#166 Date: 15/08/09/ Time: 10/12/06



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode: BLE 2440

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		24239.00	87.59	-37.10	50.49	74.00	-23.51	peak		
2	*	24239.00	72.52	-37.10	35.42	54.00	-18.58	AVG		

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

Operator: KK

File :TUV 8\Data :#166

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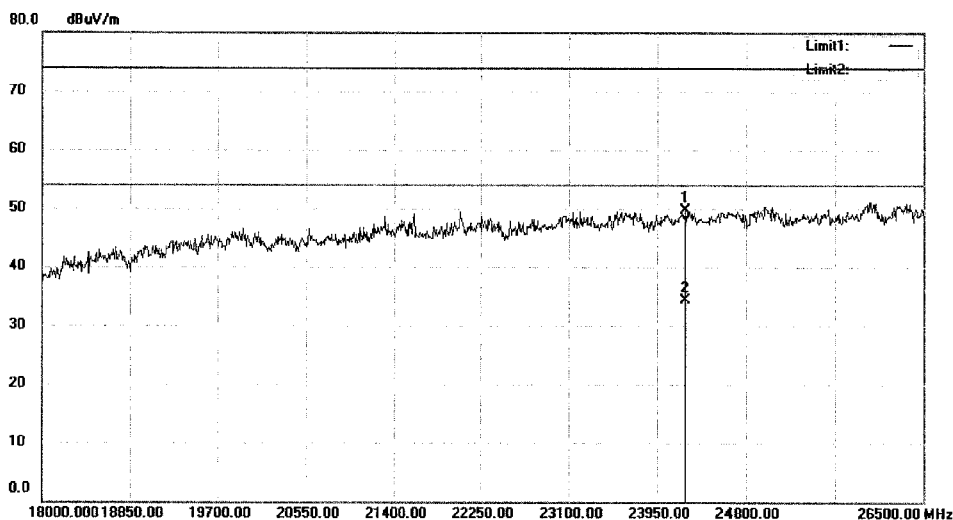

Radiated Emission Measurement

File :TUV 8

Data :#167

Date: 15/08/09/

Time: 10/12/12



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode:BLE 2480

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		24230.50	86.78	-37.10	49.68	74.00	-24.32	peak		
2	*	24230.50	71.39	-37.10	34.29	54.00	-19.71	AVG		

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

Operator: KK

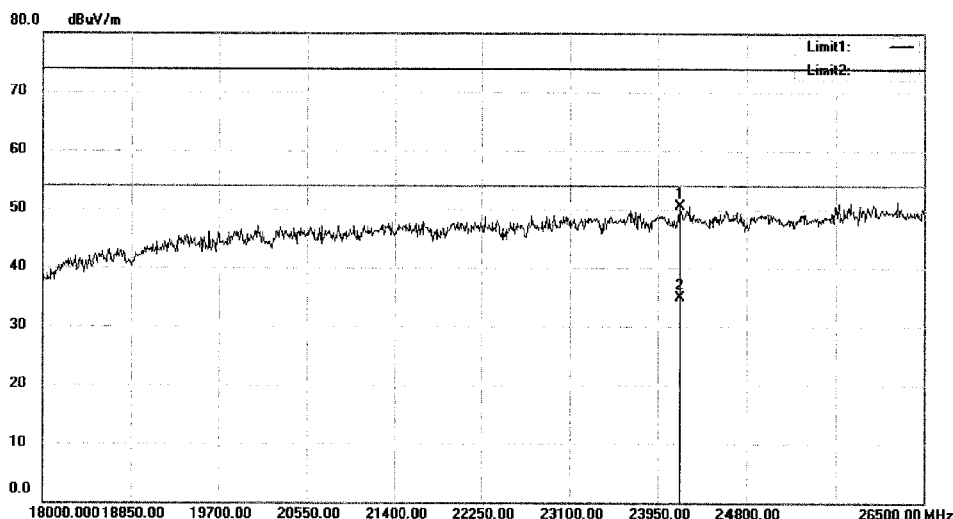
File :TUV 8\Data :#167

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Radiated Emission Measurement

File : TUV 8 Data : #168 Date: 15/08/09/ Time: 10/12/17



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode: BLE 2480

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		24171.00	87.62	-37.11	50.51	74.00	-23.49	peak		
2	*	24171.00	71.94	-37.11	34.83	54.00	-19.17	AVG		

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

Operator: KK

File : TUV 8 \Data : #168

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Prüfbericht - Nr.: 17051492 001
Test Report No.
Seite 130 von 149
Page 130 of 149

Test Plot of Band Edge of Bluetooth LE mode

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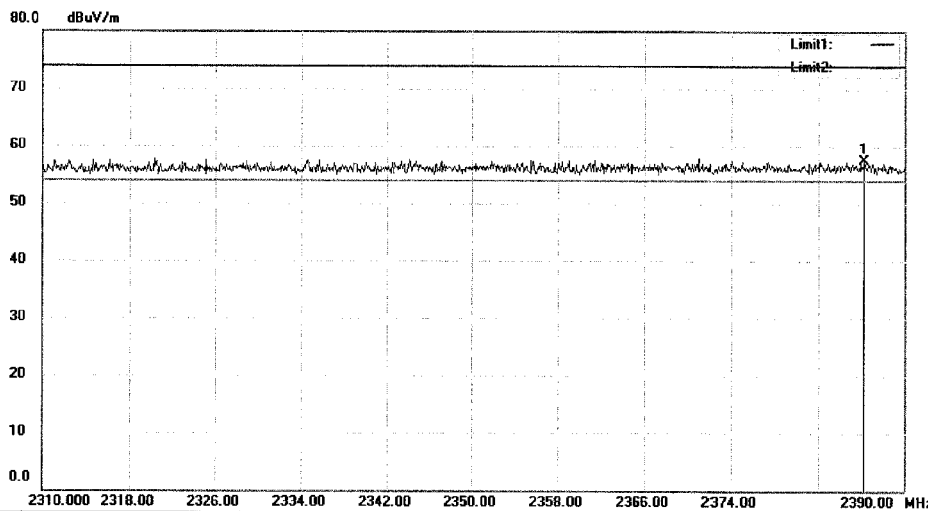
Radiated Emission Measurement

File :TUV 8

Data :#257

Date: 15/08/08/

Time: 15/46/12



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode:BLE 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2386.240	27.15	30.26	57.41	74.00	-16.59	peak		Comment

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

Operator: KK

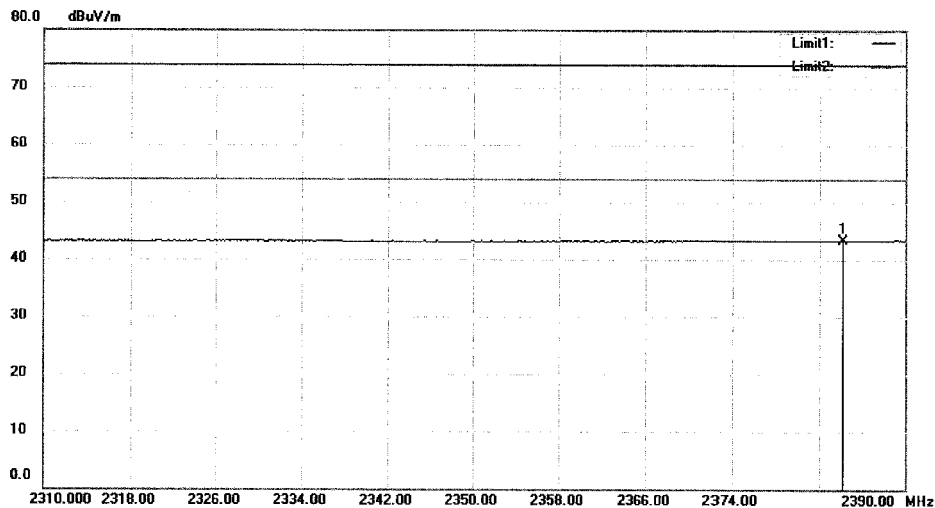
File :TUV 8\Data :#257

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Radiated Emission Measurement

File: TUV 8 Data: #258 Date: 15/08/08/ Time: 15/46/49



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode: BLE 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2384.160	13.08	30.25	43.33	54.00	-10.67	AVG		

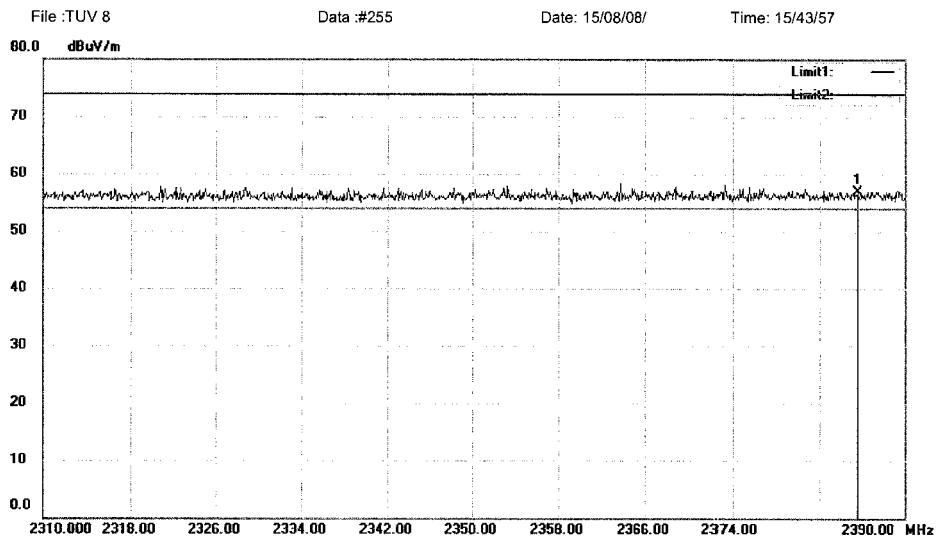
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 8\Data :#258

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Radiated Emission Measurement


Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode: BLE 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2385.520	26.73	30.25	56.98	74.00	-17.02	peak		

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

Operator: KK

File: TUV 8\Data: #255

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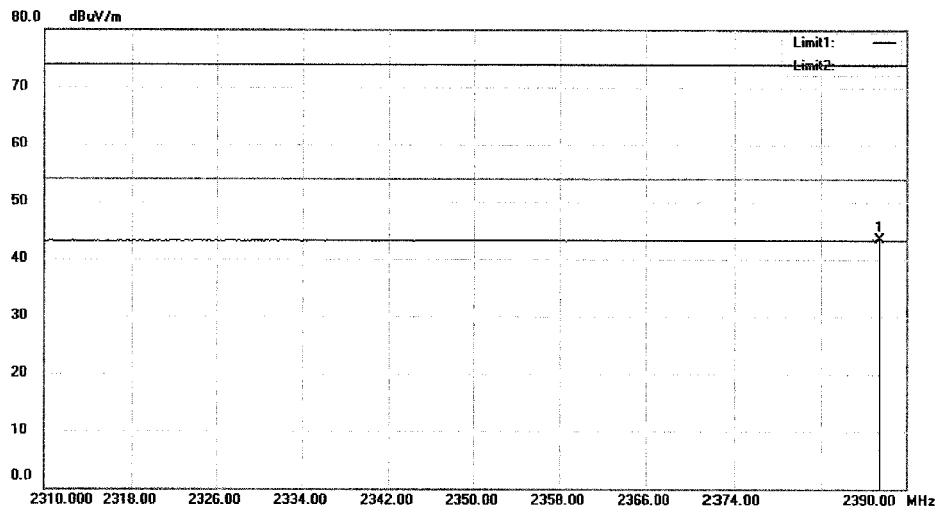

Radiated Emission Measurement

File : TUV 8

Data : #256

Date: 15/08/08/

Time: 15/44/49



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE) FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode: BLE 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2387.520	13.16	30.27	43.43	54.00	-10.57	AVG		

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

Operator: KK

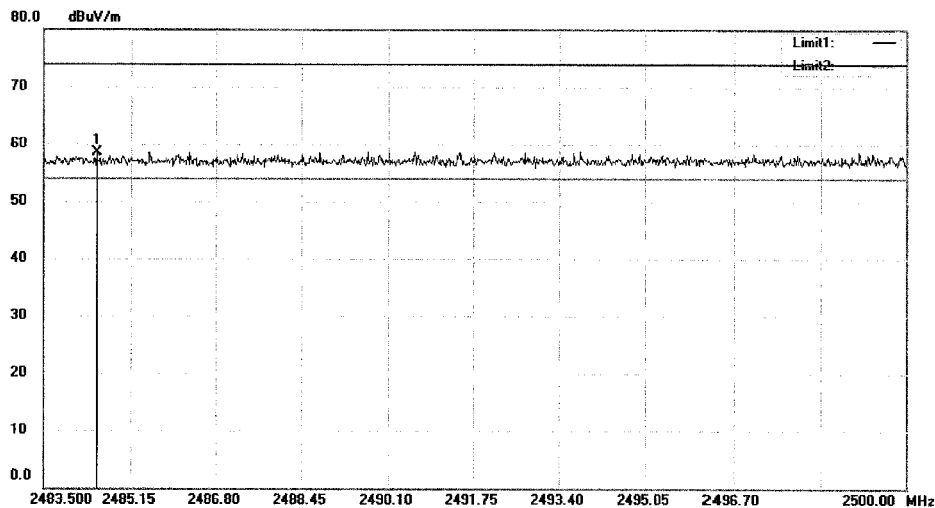
File : TUV 8\Data : #256

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Radiated Emission Measurement

File: TUV 8 Data: #259 Date: 15/08/08/ Time: 15/47/55



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode: BLE 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2484.490	27.74	30.71	58.45	74.00	-15.55	peak		Comment

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

Operator: KK

File :TUV 8\Data :#259

Page: 1

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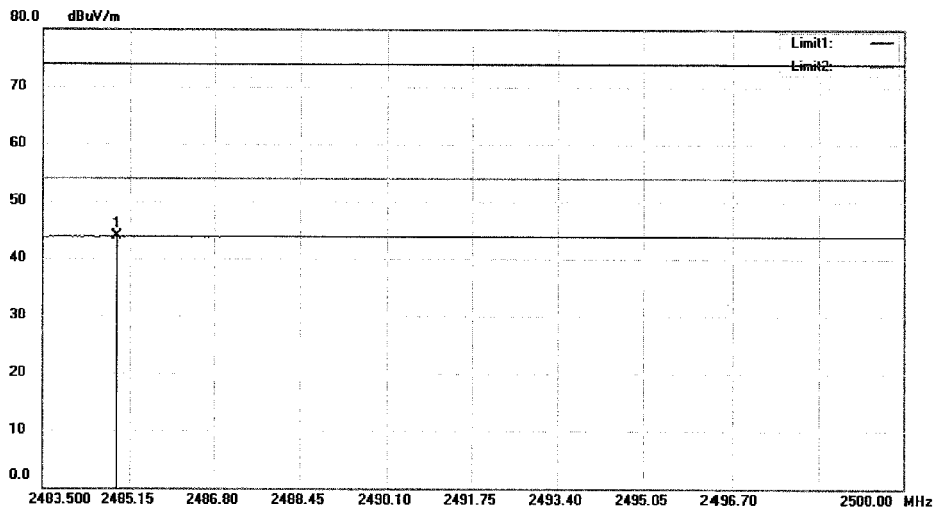

Radiated Emission Measurement

File :TUV 8

Data :#260

Date: 15/08/08/

Time: 15/48/37



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode:BLE 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2484.886	13.13	30.71	43.84	54.00	-10.16	AVG		

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

Operator: KK

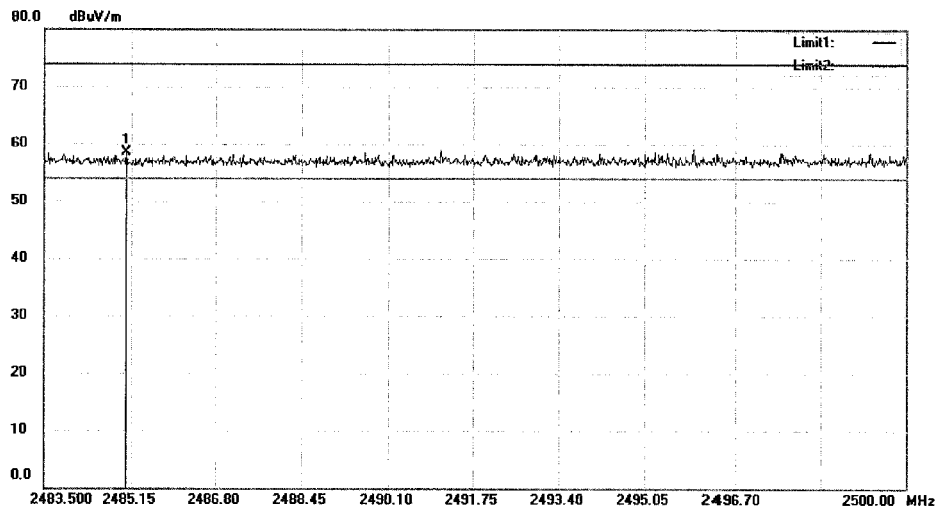
File :TUV 8\Data :#260

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Radiated Emission Measurement

File: TUV 8 Data: #261 Date: 15/08/08/ Time: 15/49/24



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode: BLE 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2485.051	27.76	30.71	58.47	74.00	-15.53	peak		

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

Operator: KK

File :TUV 8\Data :#261

Page: 1

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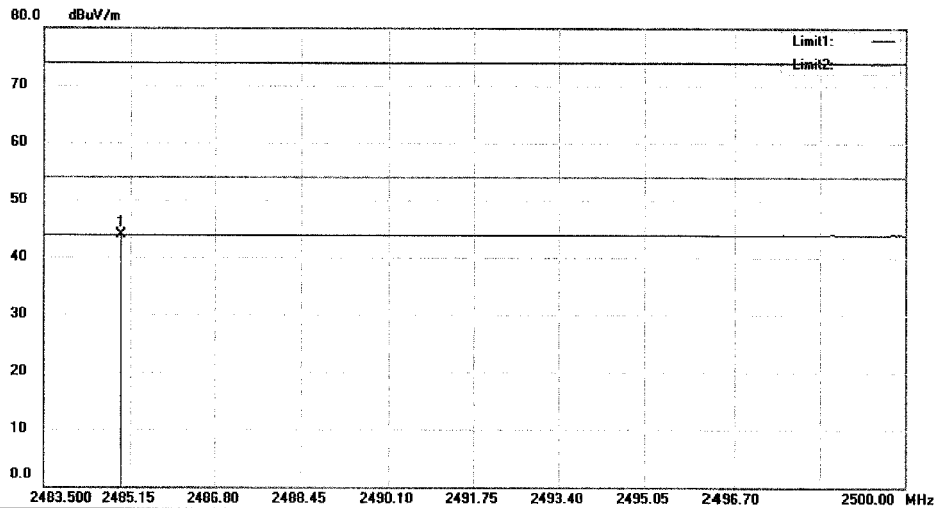

Radiated Emission Measurement

File :TUV 8

Data :#262

Date: 15/08/08/

Time: 15/49/47



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-L DL718M

Mode:BLE 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2484.952	13.22	30.71	43.93	54.00	-10.07	AVG		

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

Operator: KK

File :TUV 8\Data :#262

Page: 1

5.1.8 Frequency Separation

RESULT:
Pass

Date of testing : 2015-08-08
 Test standard : FCC part 15.247(a)(1)
 Basic standard : ANSI C63.10: 2013
 Limit : $\geq 25\text{kHz}$ or two-thirds of 20dB bandwidth,
 whichever is greater
 Kind of test site : Shield room

Test setup

Test Channel : Low/ Middle/ High
 Operation Mode : A.1.a
 Ambient temperature : 25°C
 Relative humidity : 50%
 Atmospheric pressure : 101kPa

Table 14: Test result of Frequency Separation

Channel	Channel Frequency (MHz)	Measured Channel Separation (MHz)	Limit (kHz)	Result
Low Channel	2402	1.000	$\geq 25\text{kHz}$ or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2403			
Mid Channel	2441	1.000	$\geq 25\text{kHz}$ or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2442			
High Channel	2479	1.000	$\geq 25\text{kHz}$ or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2480			

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Test Report No.

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5.1.9 Number of hopping frequency**RESULT:****Pass**

Date of testing : 2015-08-08
Test standard : FCC part 15.247(a)(1)(iii)
Basic standard : ANSI C63.10: 2013
Limits : ≥ 15 non-overlapping channels
Kind of test site : Shield room

Test setup

Test Channel : Low/ Middle/ High
Operation Mode : A.1.a
Ambient temperature : 25°C
Relative humidity : 50%
Atmospheric pressure : 101kPa

Table 15: Test result of Number of hopping frequency

Frequency Range	Measured Quantity of Hopping Channel	Limit	Result
2402 to 2480MHz	79	≥ 15	Pass

5.1.10 Time of Occupancy

RESULT:
Pass

Date of testing : 2015-08-11
 Test standard : FCC part 15.247(a)(1)(iii)
 Basic standard : ANSI C63.10: 2013
 Limits : 0.4s
 Kind of test site : Shield room

Test setup

Test Channel : Low/ Middle/ High
 Operation Mode : A.1.a
 Ambient temperature : 25°C
 Relative humidity : 50%
 Atmospheric pressure : 101kPa

Table 16: Test result of Time of Occupancy

Mode	Packet Type	Channel Frequency (MHz)	Packet Duration [ms]	Number of Hops per Channel	Dwell Time (ms)	Limit [ms]
BDR	DH1	2402	0.408	320	130.56	400
		2441	0.404	320	129.28	400
		2480	0.408	320	130.56	400
	DH3	2402	1.659	165	273.74	400
		2441	1.659	165	273.74	400
		2480	1.659	165	273.74	400
	DH5	2402	2.910	112	325.92	400
		2441	2.910	112	325.92	400
		2480	2.900	112	324.80	400
EDR	DH1	2402	0.408	320	130.56	400
		2441	0.408	320	130.56	400
		2480	0.408	320	130.56	400
	DH3	2402	1.659	165	273.74	400
		2441	1.659	165	273.74	400
		2480	1.659	165	273.74	400
	DH5	2402	2.830	112	316.96	400
		2441	2.840	112	318.08	400
		2480	2.820	112	315.84	400

Prüfbericht - Nr.: 17051492 001

Test Report No.

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5.1.11 Conducted emissions**RESULT:****Pass**

Date of testing	:	2015-08-17
Test standard	:	FCC Part 15.207
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	:	26°C
Relative humidity	:	55%
Atmospheric pressure	:	101kPa

For details refer to following test plot.

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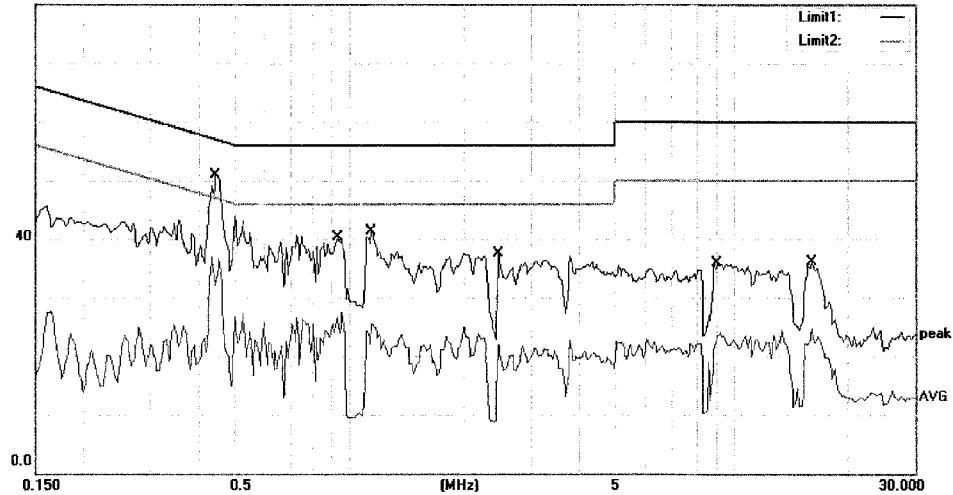
Conducted Emission Measurement

File :TUV

Data :#713

Date: 2015/08/17

80.0 dBuV/m



Site Conduction #2

Phase: L1

Temperature: 26

Limit: (CE)FCC PART 15 class C_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: MID

M/N: MID721-L

Mode: BT 3.0 MODE

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.4450	50.97	0.00	50.97	56.97	-6.00	QP	
2		0.4450	36.83	0.00	36.83	46.97	-10.14	AVG	
3		0.9300	40.35	0.00	40.35	56.00	-15.65	QP	
4		0.9300	27.52	0.00	27.52	46.00	-18.48	AVG	
5		1.1400	41.31	0.00	41.31	56.00	-14.69	QP	
6		1.1400	25.53	0.00	25.53	46.00	-20.47	AVG	
7		2.4600	37.47	0.00	37.47	56.00	-18.53	QP	
8		2.4600	23.14	0.00	23.14	46.00	-22.86	AVG	
9		9.0300	35.86	0.00	35.86	60.00	-24.14	QP	
10		9.0300	24.07	0.00	24.07	50.00	-25.93	AVG	
11		16.0750	36.04	0.00	36.04	60.00	-23.96	QP	
12		16.0750	24.61	0.00	24.61	50.00	-25.39	AVG	

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

Comment: Factor build in receiver.

Operator: Neo

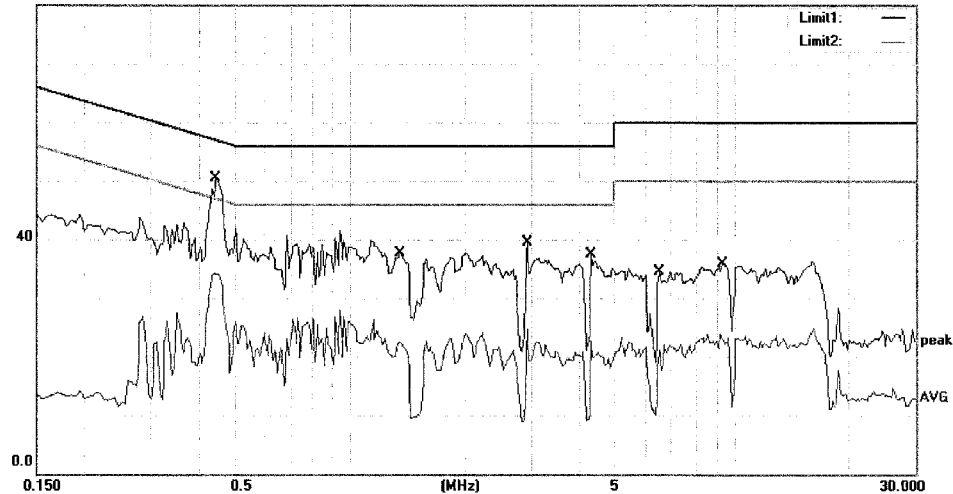
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Conducted Emission Measurement

File: TUV Data: #714 Date: 2015/08/17
 dBuV/m



Site: Conduction #2 Phase: N Temperature: 26
 Limit: (CE)FCC PART 15 class C_QP Power: AC 120V/60Hz Humidity: 55 %
 EUT: MID
 M/N: MID721-L
 Mode: BT 3.0 MODE
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	0.4450	50.47	0.00	50.47	56.97	-6.50	QP	
2		0.4450	34.32	0.00	34.32	46.97	-12.65	AVG	
3		1.3450	37.77	0.00	37.77	56.00	-18.23	QP	
4		1.3450	22.60	0.00	22.60	46.00	-23.40	AVG	
5		2.9200	39.59	0.00	39.59	56.00	-16.41	QP	
6		2.9200	24.70	0.00	24.70	46.00	-21.30	AVG	
7		4.3200	37.49	0.00	37.49	56.00	-18.51	QP	
8		4.3200	22.64	0.00	22.64	46.00	-23.36	AVG	
9		6.5000	34.47	0.00	34.47	60.00	-25.53	QP	
10		6.5000	22.11	0.00	22.11	50.00	-27.89	AVG	
11		9.2800	35.86	0.00	35.86	60.00	-24.14	QP	
12		9.2800	23.89	0.00	23.89	50.00	-26.11	AVG	

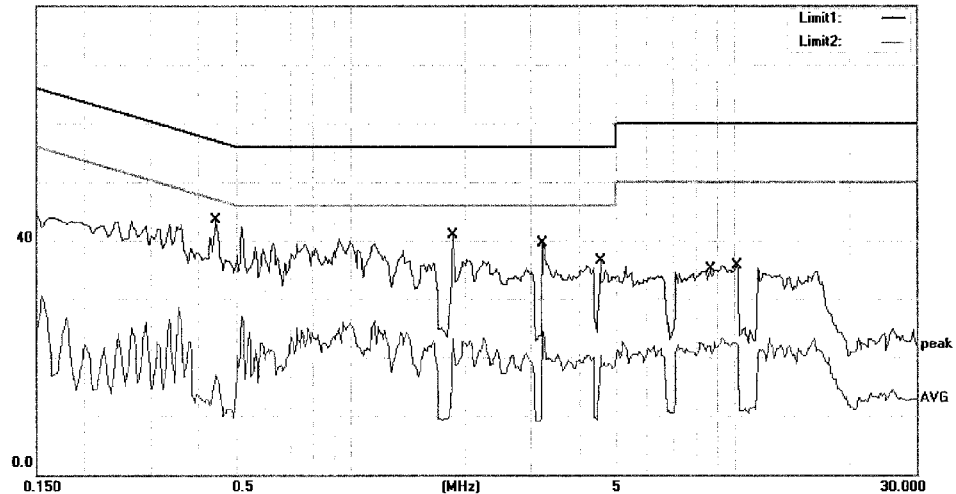
*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Neo

File: TUVData: #714

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Conducted Emission Measurement

 File : TUV Data : #716 Date : 2015/08/17
 80.0 dBuV/m

 Site Conduction #2 Phase: **L1** Temperature: 26
 Limit: (CE)FCC PART 15 class C_QP Power: AC 120V/60Hz Humidity: 55 %
 EUT: MID
 M/N: MID721-L
 Mode: BT 4.0 MODE
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1	*	0.4450	43.49	0.00	43.49	56.97	-13.48	QP	
2		0.4450	27.09	0.00	27.09	46.97	-19.88	AVG	
3		1.8550	40.99	0.00	40.99	56.00	-15.01	QP	
4		1.8550	24.32	0.00	24.32	46.00	-21.68	AVG	
5		3.2200	39.41	0.00	39.41	56.00	-16.59	QP	
6		3.2200	24.53	0.00	24.53	46.00	-21.47	AVG	
7		4.5600	36.49	0.00	36.49	56.00	-19.51	QP	
8		4.5600	21.37	0.00	21.37	46.00	-24.63	AVG	
9		8.6000	35.11	0.00	35.11	60.00	-24.89	QP	
10		8.6000	23.26	0.00	23.26	50.00	-26.74	AVG	
11		10.1750	35.62	0.00	35.62	60.00	-24.38	QP	
12		10.1750	23.35	0.00	23.35	50.00	-26.65	AVG	

 *:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Neo
 File : TUVData : #716 Page: 1

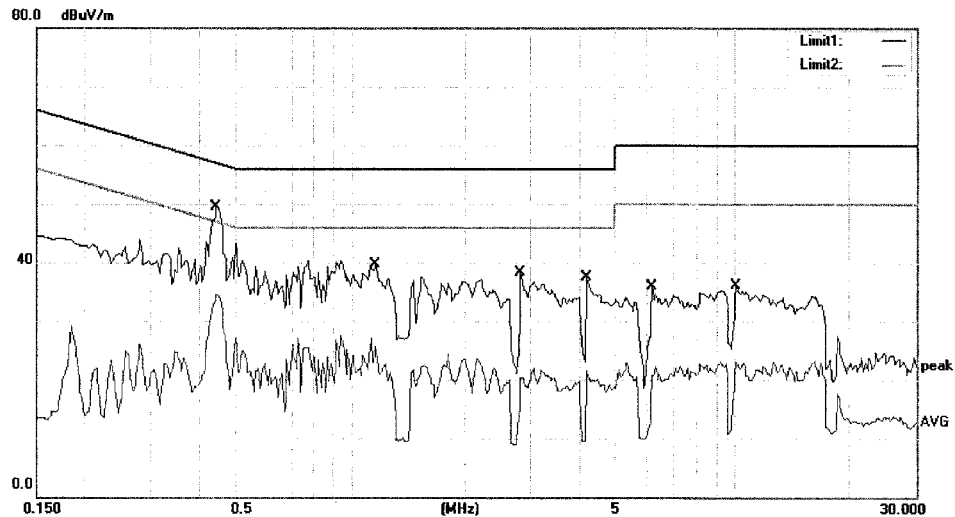
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Conducted Emission Measurement

File : TUV

Data : #715

Date: 2015/08/17



Site Conduction #2

Phase: N

Temperature: 26

Limit: (CE)FCC PART 15 class C_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: MID

M/N: MID721-L

Mode: BT 4.0 MODE

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.4450	49.59	0.00	49.59	56.97	-7.38	QP	
2		0.4450	34.52	0.00	34.52	46.97	-12.45	AVG	
3		1.1550	39.62	0.00	39.62	56.00	-16.38	QP	
4		1.1550	27.05	0.00	27.05	46.00	-18.95	AVG	
5		2.8150	38.25	0.00	38.25	56.00	-17.75	QP	
6		2.8150	23.54	0.00	23.54	46.00	-22.46	AVG	
7		4.1950	37.46	0.00	37.46	56.00	-18.54	QP	
8		4.1950	22.99	0.00	22.99	46.00	-23.01	AVG	
9		6.2000	35.99	0.00	35.99	60.00	-24.01	QP	
10		6.2000	22.32	0.00	22.32	50.00	-27.68	AVG	
11		10.0750	36.17	0.00	36.17	60.00	-23.83	QP	
12		10.0750	23.15	0.00	23.15	50.00	-26.85	AVG	

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

File : TUVData : #715

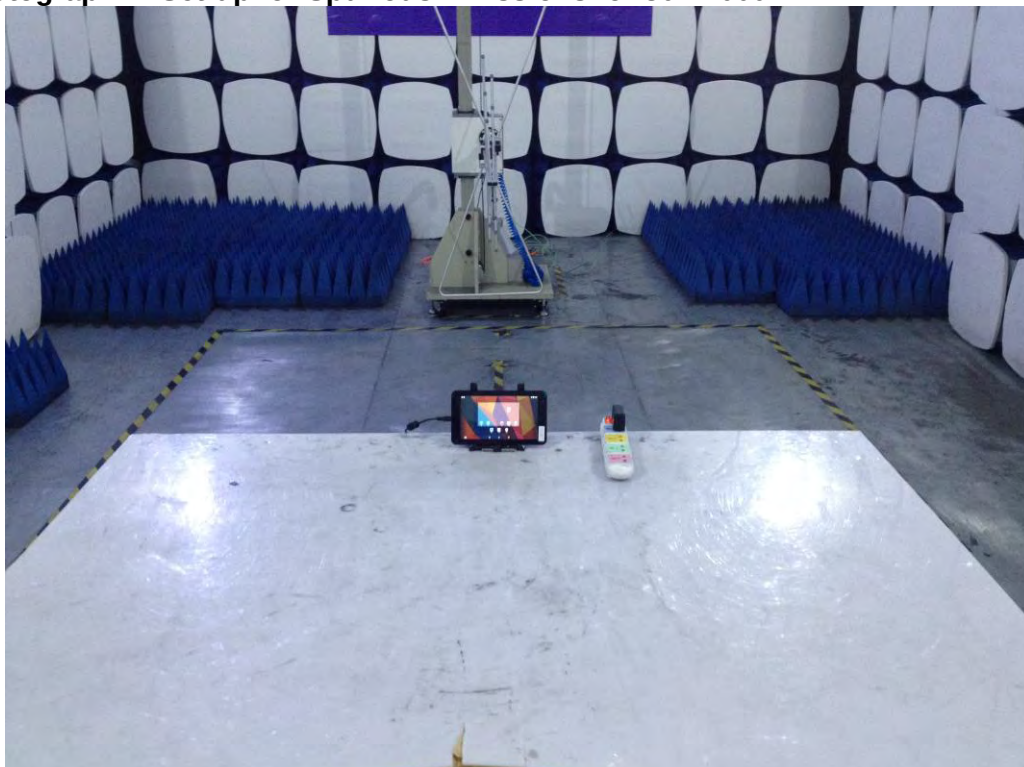
Page: 1

6. Photographs of the Test Set-Up

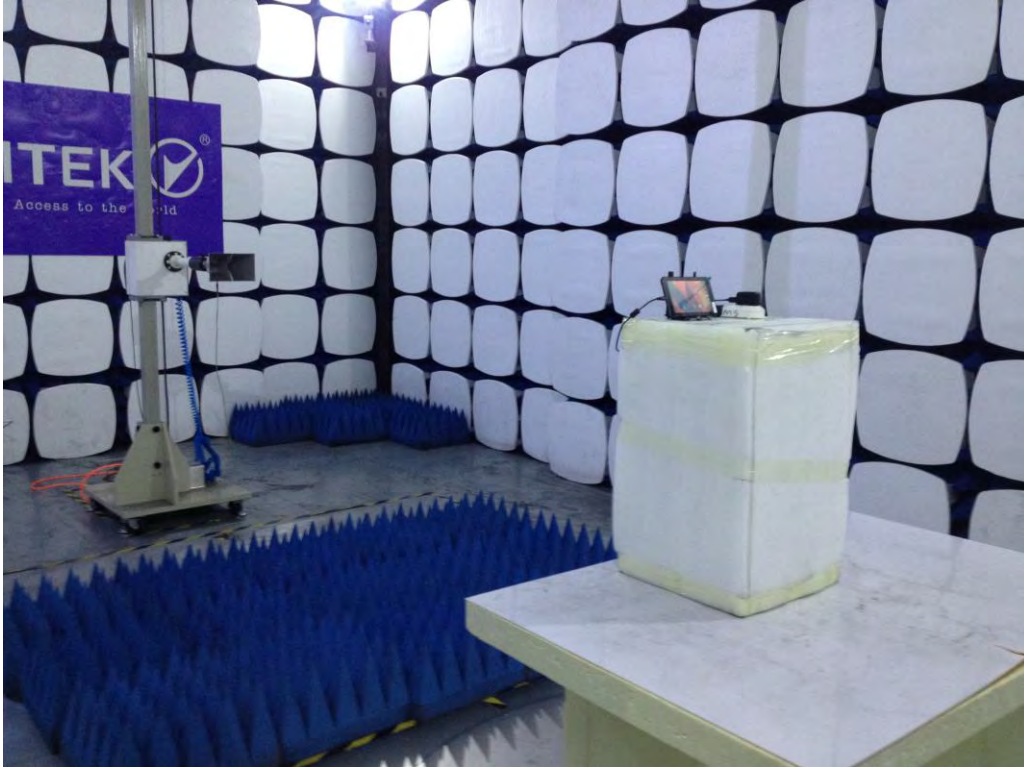
Photograph 1: Set-up for Spurious Emissions for below 30MHz



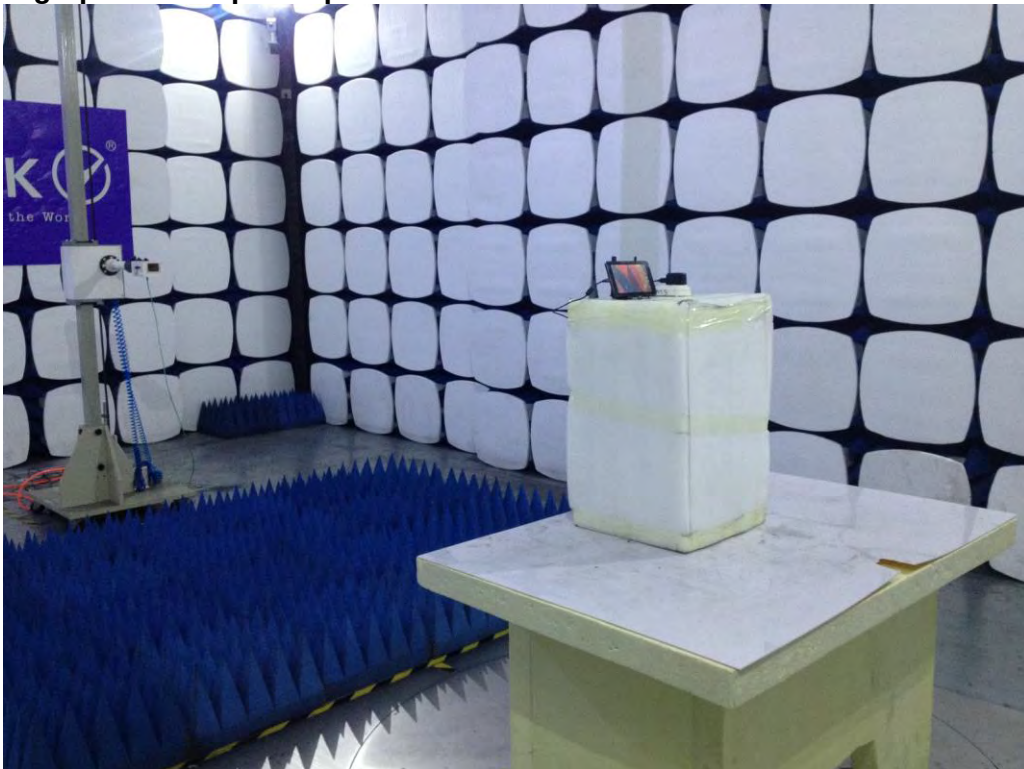
Photograph 2: Set-up for Spurious Emissions for 30 - 1000MHz



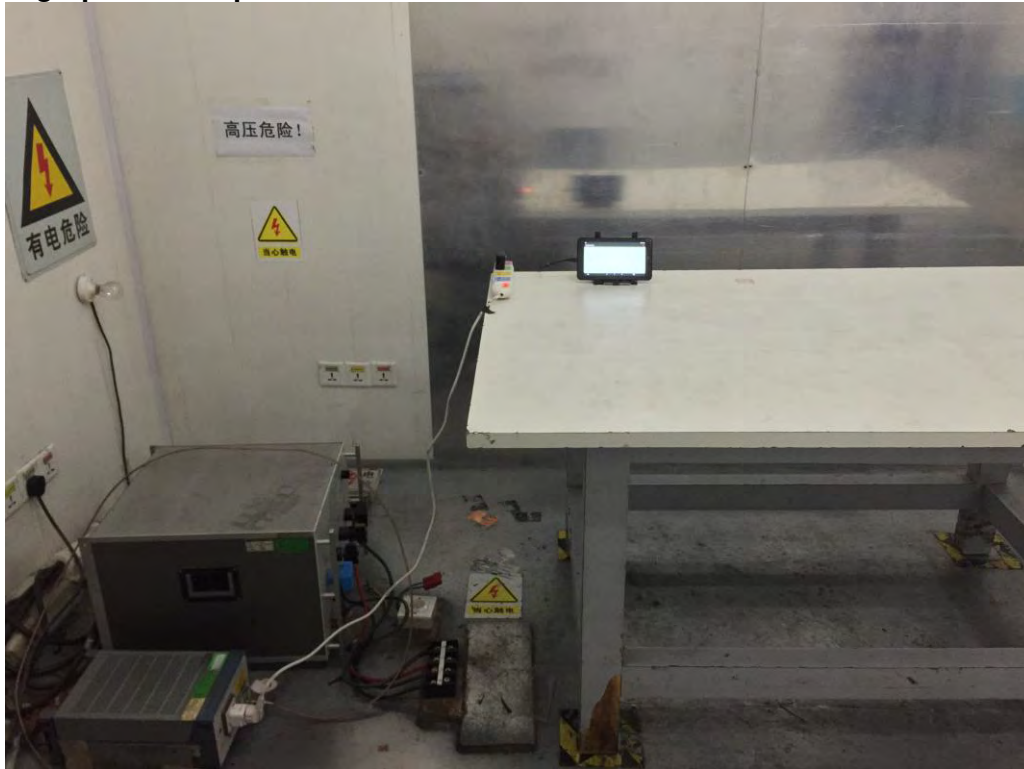
Photograph 3: Set-up for Spurious Emissions for 1 - 18GHz



Photograph 4: Set-up for Spurious Emissions for 18 - 26.5GHz



Photograph 5: Set-up for Conducted Emission



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