

Shenzhen ENTEK Co., Ltd.
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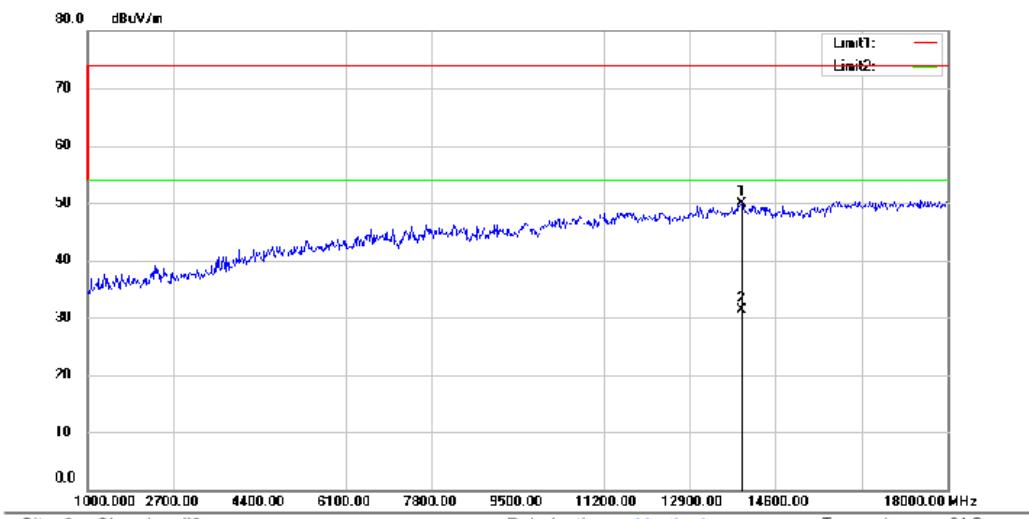

Access to the World

Radiated Emission Measurement

File :TUV

Data :#941

Date:2016/06/15



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: MID721-RB

Mode:11B 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		13920.00	58.12	-8.21	49.91	74.00	-24.09	peak	0	
2	*	13920.00	39.61	-8.21	31.40	54.00	-22.60	AVG	0	

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

Operator:

File :TUV\Data :#941

Page: 1

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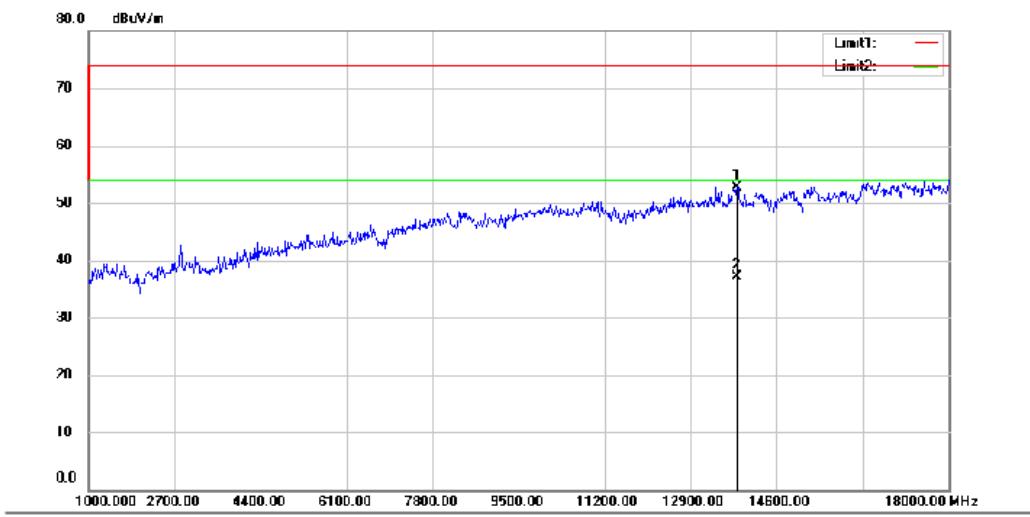

Access to the World

Radiated Emission Measurement

File :TUV

Data #:942

Date:2016/06/15



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: MID721-RB

Mode:11B 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		13818.00	61.44	-8.71	52.73	74.00	-21.27	peak	0	
2	*	13818.00	45.81	-8.71	37.10	54.00	-16.90	AVG	0	

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

Operator: KK

File :TUV\Data #:942

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Access to the World

Radiated Emission Measurement

File :TUV

Data :#943

Date:2016/06/15



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: MID721-RB

Mode:11B 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		14974.00	61.99	-9.55	52.44	74.00	-21.56	peak	0	
2	*	14974.00	46.25	-9.55	36.70	54.00	-17.30	AVG	0	

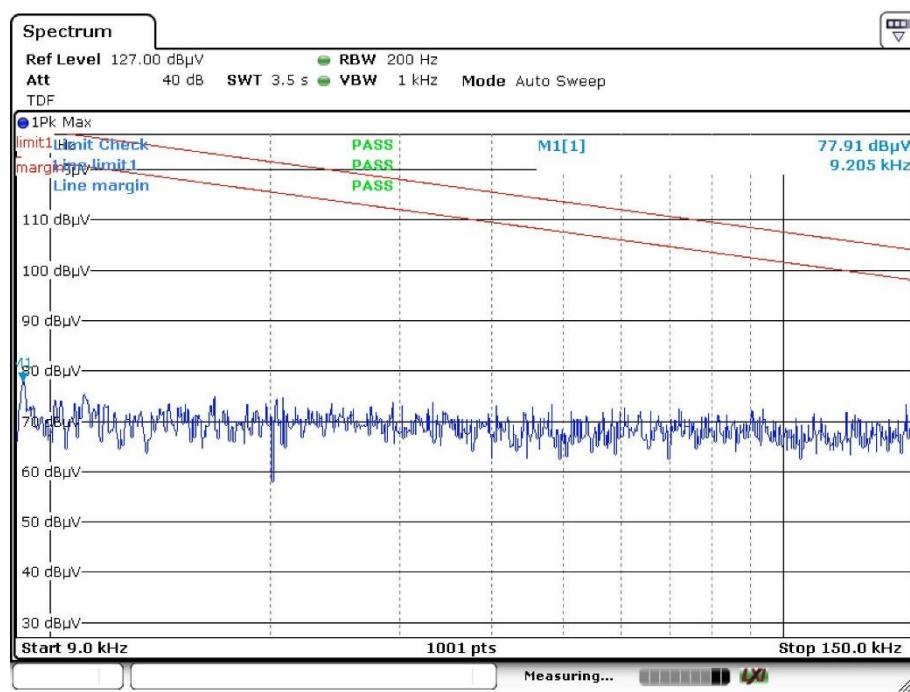
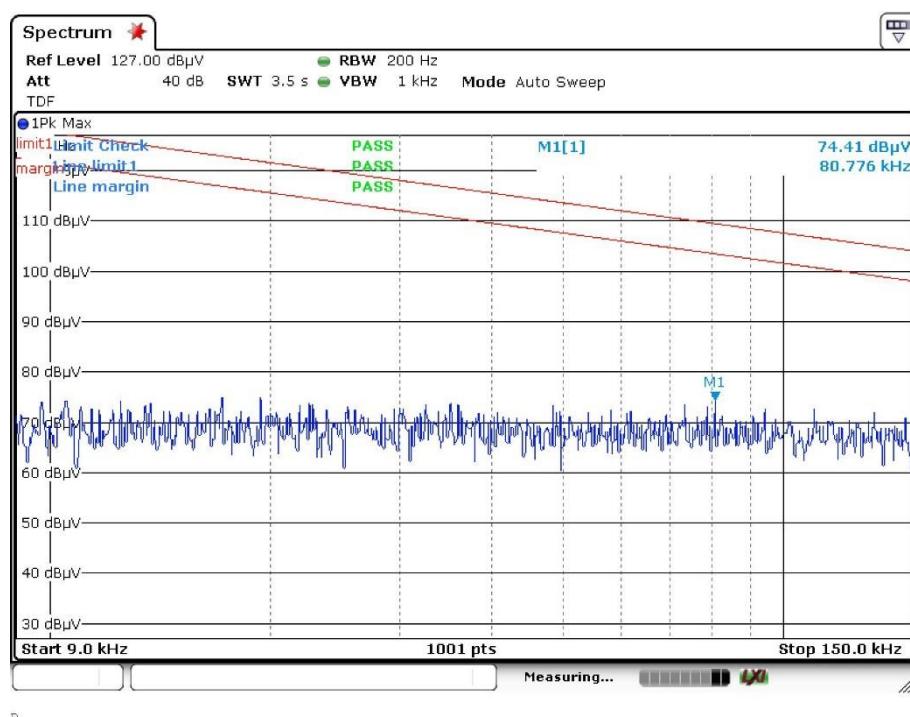
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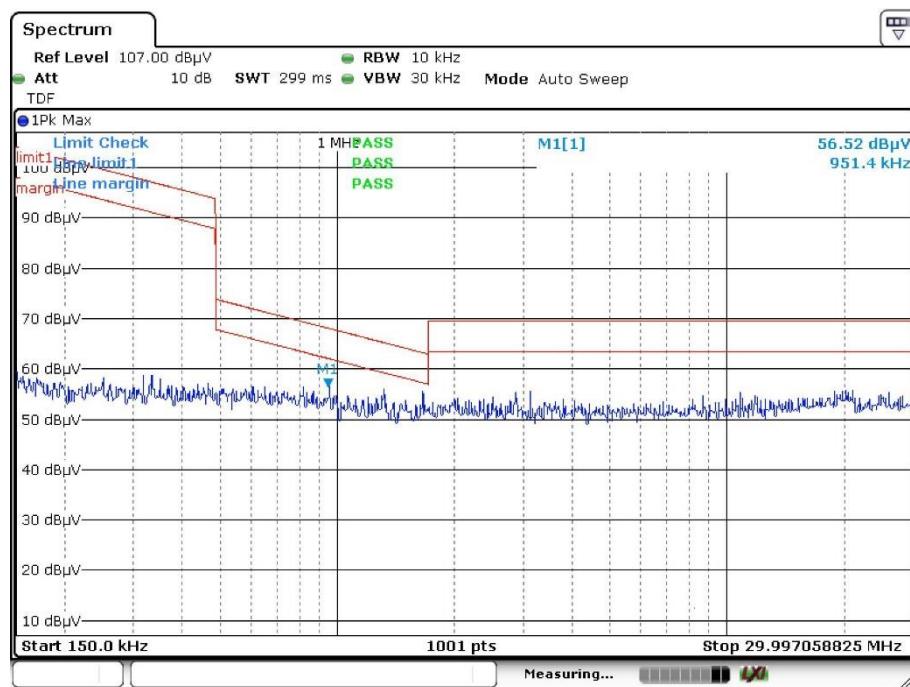
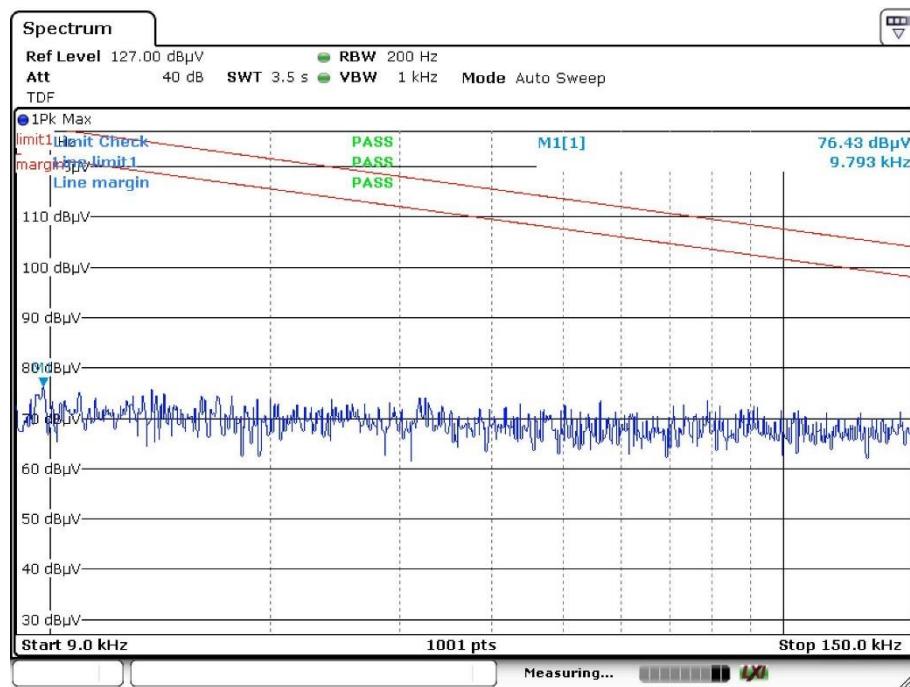
Operator: KK

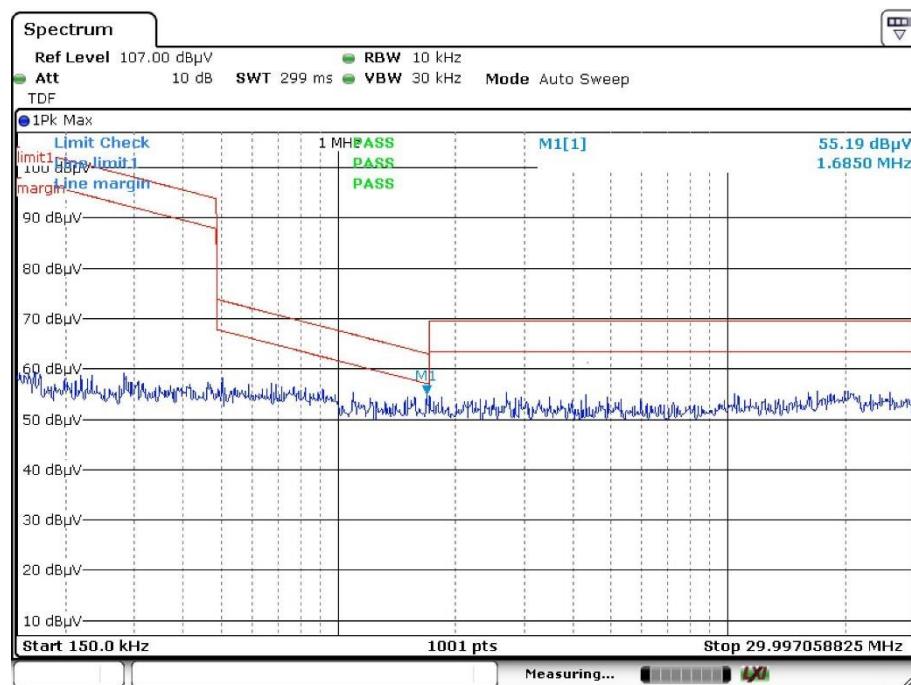
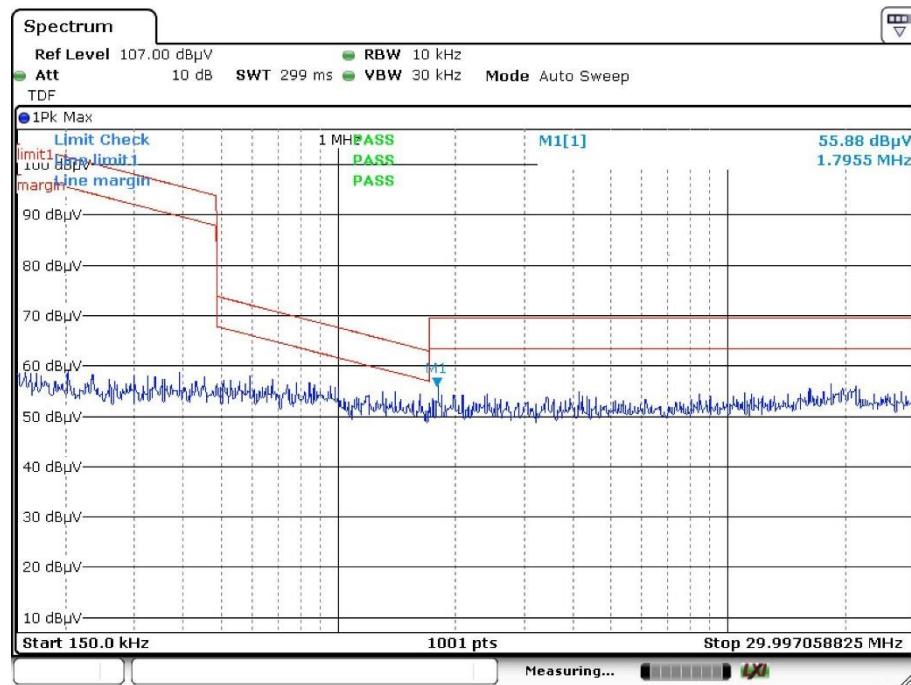
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Page: 1

Wi-Fi 802.11 g mode, 6 Mbps
9KHz - 30MHz

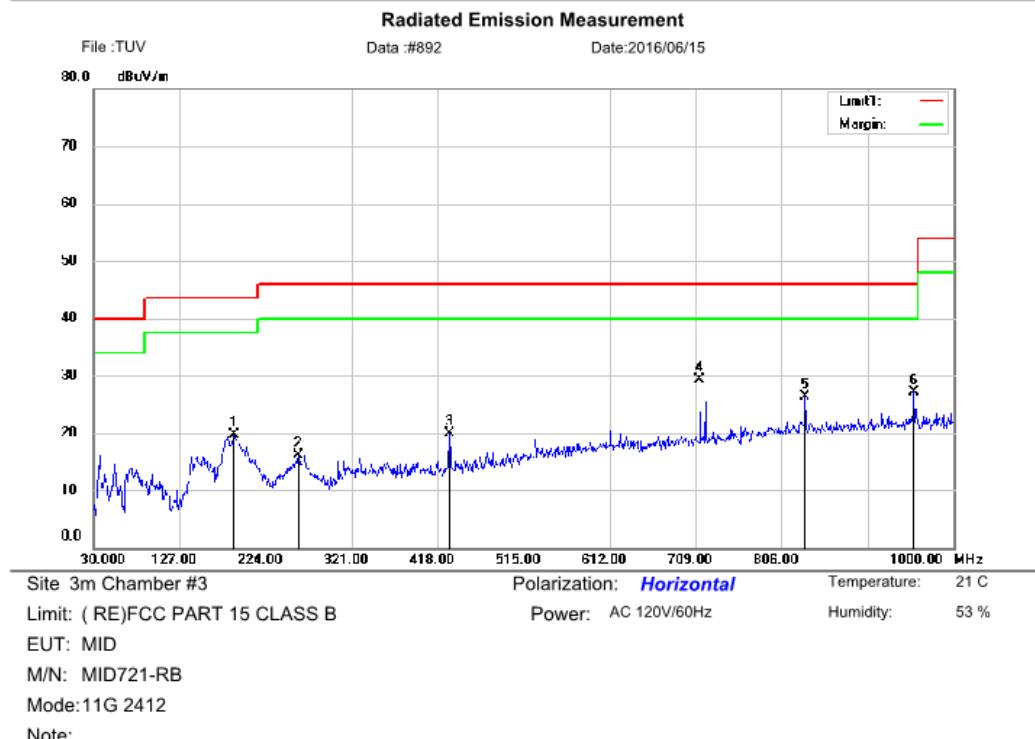






30MHz - 1GHz

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No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		188.1100	52.31	-32.63	19.68	43.50	-23.82	QP		0
2		260.8600	46.71	-30.64	16.07	46.00	-29.93	QP		0
3		431.5800	46.02	-26.15	19.87	46.00	-26.13	QP		0
4	*	713.8500	49.33	-20.12	29.21	46.00	-16.79	QP		0
5		832.1900	43.97	-17.69	26.28	46.00	-19.72	QP		0
6		955.3800	42.83	-15.69	27.14	46.00	-18.86	QP		0

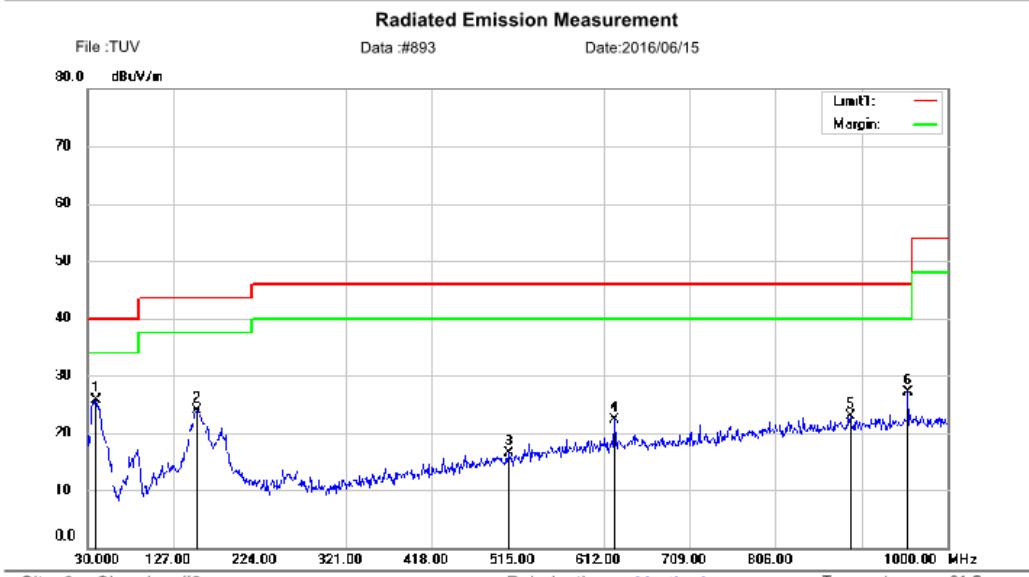
*:Maximum data x:Over limit !:over margin

Operator: CSL

File :TUV\Data :#892

Page: 1

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No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	39.7000	56.39	-30.65	25.74	40.00	-14.26	QP		0
2		153.1900	58.91	-34.94	23.97	43.50	-19.53	QP		0
3		505.3000	40.49	-24.00	16.49	46.00	-29.51	QP		0
4		624.6100	43.66	-21.29	22.37	46.00	-23.63	QP		0
5		890.3900	39.63	-16.67	22.96	46.00	-23.04	QP		0
6		955.3800	42.80	-15.69	27.11	46.00	-18.89	QP		0

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

Operator: CSL

File :TUV\Data #:893

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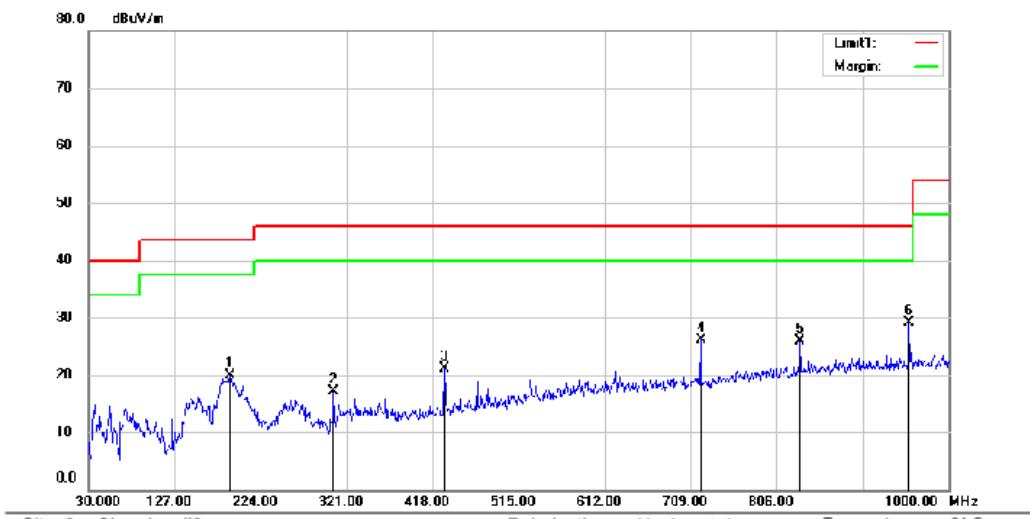
EMTEK Access to the World

Radiated Emission Measurement

File :TUV

Data :#894

Date:2016/06/15



Site 3m Chamber #3

Polarization: *Horizontal*

Temperature: 21 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-RB

Mode:11G 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		190.0500	52.35	-32.47	19.88	43.50	-23.62	QP		0
2		306.4500	46.47	-29.31	17.16	46.00	-28.84	QP		0
3		431.5800	47.33	-26.15	21.18	46.00	-24.82	QP		0
4		720.6400	46.15	-19.98	26.17	46.00	-19.83	QP		0
5		832.1900	43.55	-17.69	25.86	46.00	-20.14	QP		0
6	*	955.3800	44.82	-15.69	29.13	46.00	-16.87	QP		0

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

Operator: CSL

File :TUV\Data :#894

Page: 1

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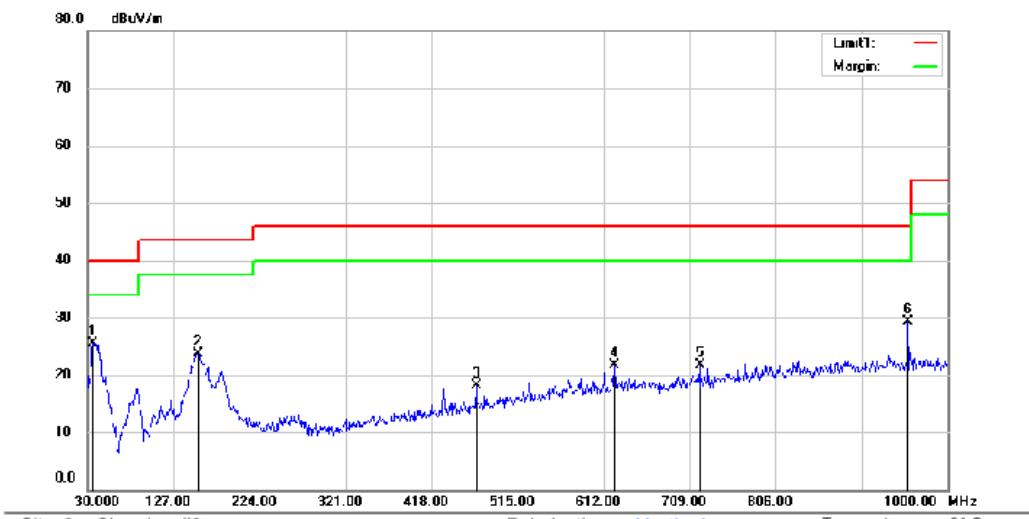


Radiated Emission Measurement

File :TUV

Data :#895

Date:2016/06/15



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 21 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-RB

Mode:11G 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	35.8200	57.28	-31.77	25.51	40.00	-14.49	QP		0
2		155.1300	58.67	-34.88	23.79	43.50	-19.71	QP		0
3		468.4400	43.18	-25.12	18.06	46.00	-27.94	QP		0
4		623.6400	43.00	-21.32	21.68	46.00	-24.32	QP		0
5		720.6400	41.71	-19.98	21.73	46.00	-24.27	QP		0
6		955.3800	45.04	-15.69	29.35	46.00	-16.65	QP		0

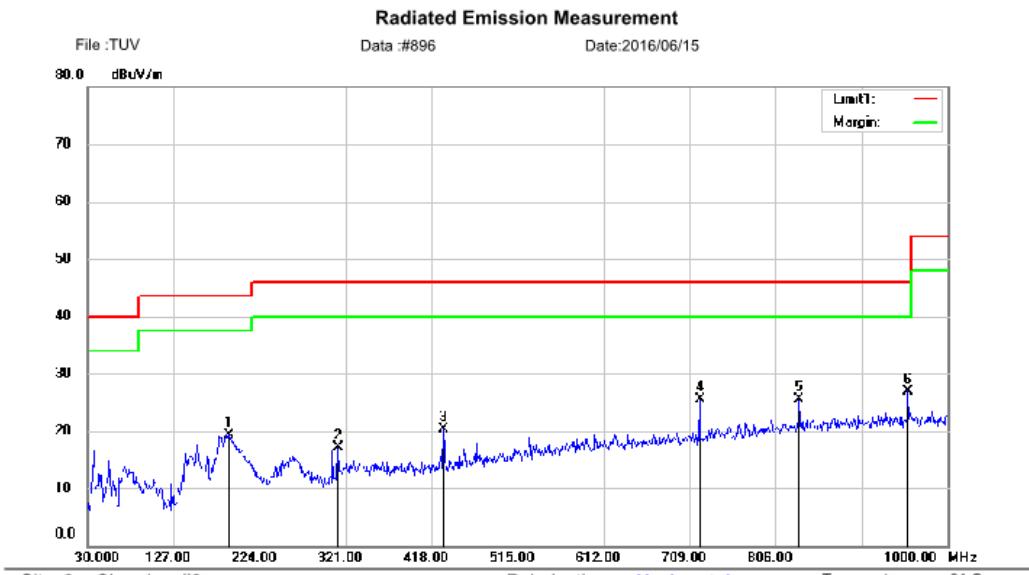
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Operator: CSL

File :TUV\Data :#895

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No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		189.0800	51.93	-32.55	19.38	43.50	-24.12	QP		0
2		312.2700	46.22	-29.15	17.07	46.00	-28.93	QP		0
3		431.5800	46.38	-26.15	20.23	46.00	-25.77	QP		0
4		720.6400	45.43	-19.98	25.45	46.00	-20.55	QP		0
5		832.1900	43.20	-17.69	25.51	46.00	-20.49	QP		0
6	*	955.3800	42.69	-15.69	27.00	46.00	-19.00	QP		0

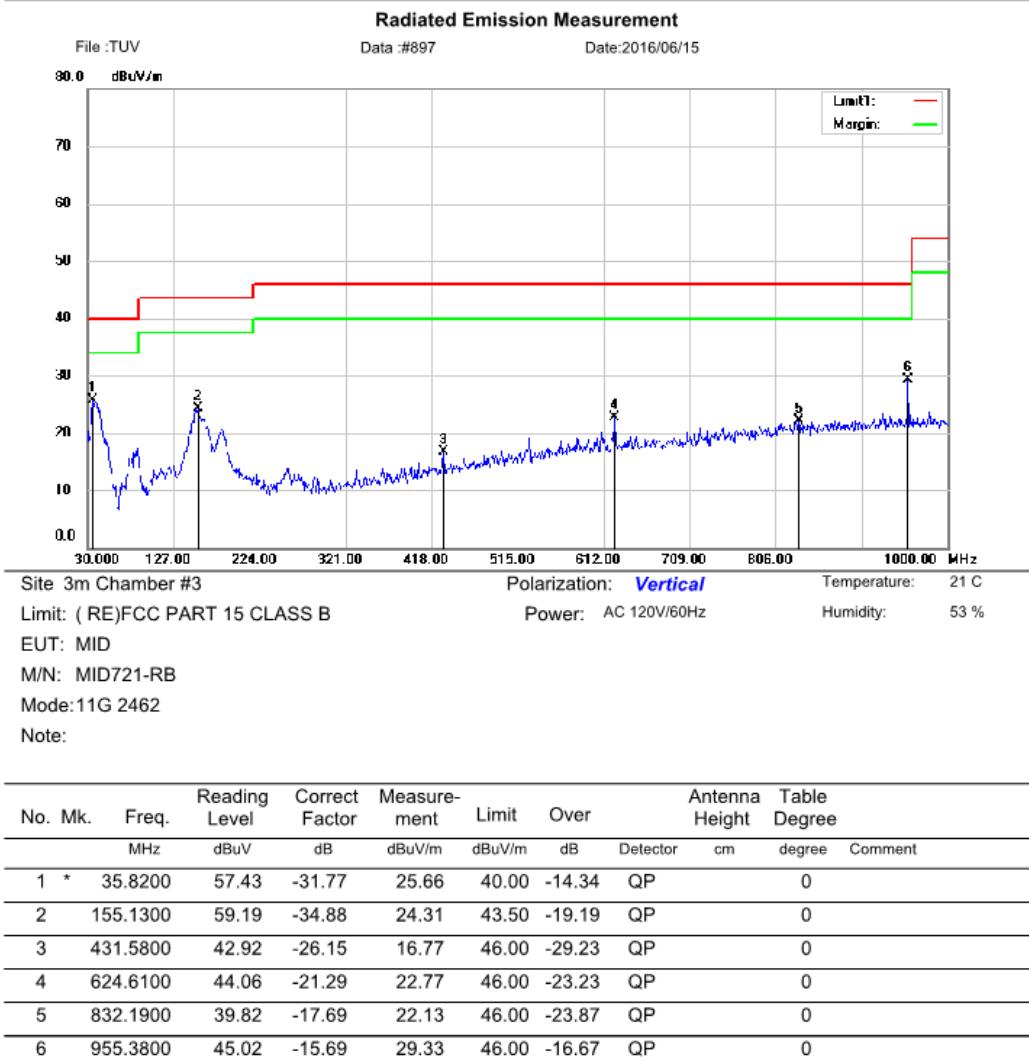
*:Maximum data x:Over limit !:over margin

Operator: CSL

File :TUV\Data #:896

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

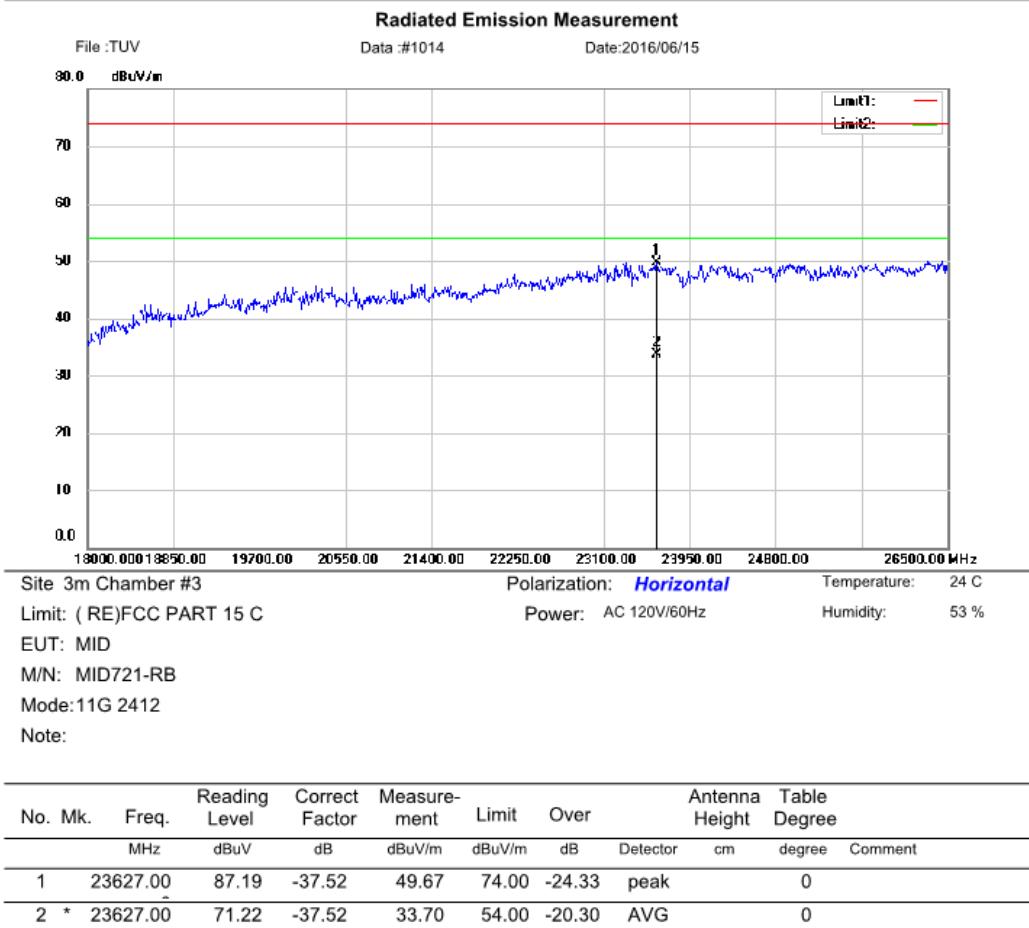
Operator: CSL

File :TUV\Data #:897

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1GHz - 18GHz

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

Operator: KK

File :TUV\Data :#1014

Page: 1

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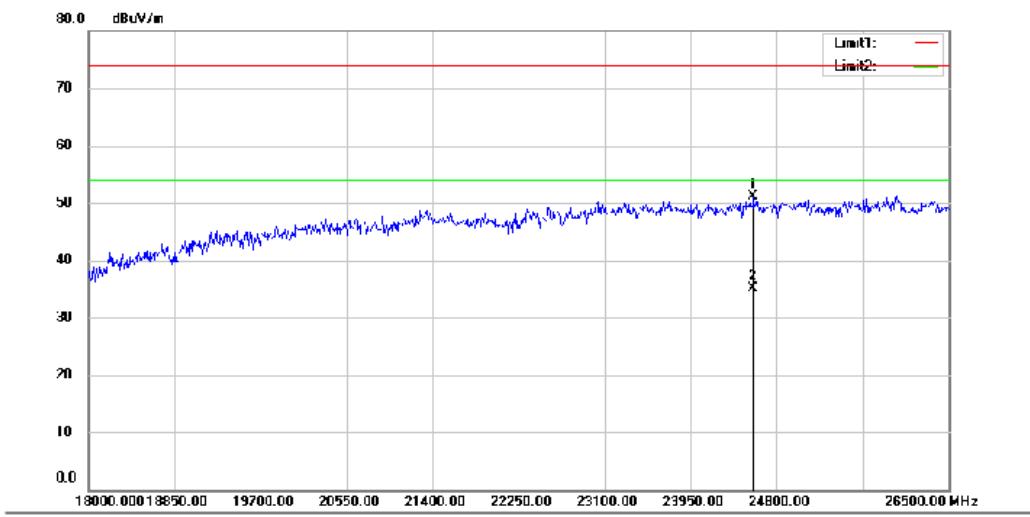

Access to the World

Radiated Emission Measurement

File :TUV

Data :#1015

Date:2016/06/15



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: MID721-RB

Mode:11G 2412

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		24570.50	88.07	-37.06	51.01	74.00	-22.99	peak	0	
2	*	24570.50	72.26	-37.06	35.20	54.00	-18.80	AVG	0	

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

Operator: KK

File :TUV\#1015

Page: 1

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Access to the World

Radiated Emission Measurement

File :TUV

Data :#1010

Date:2016/06/15



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: MID721-RB

Mode:11G 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		23202.00	88.57	-37.97	50.60	74.00	-23.40	peak	0	
2	*	23202.00	72.67	-37.97	34.70	54.00	-19.30	AVG	0	

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

Operator: KK

File :TUV\Data :#1010

Page: 1

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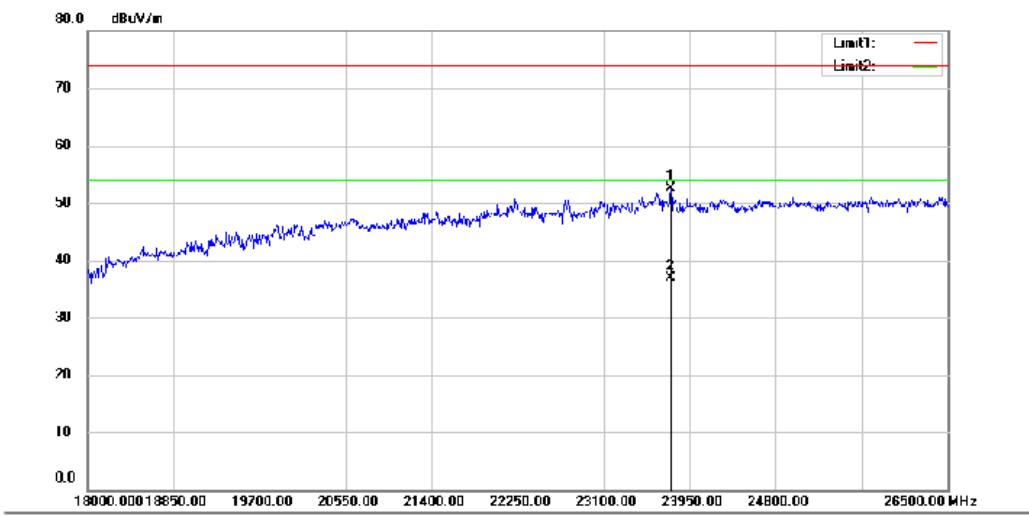

Access to the World

Radiated Emission Measurement

File :TUV

Data :#1011

Date:2016/06/15



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: MID721-RB

Mode:11G 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		23763.00	89.79	-37.38	52.41	74.00	-21.59	peak	0	
2	*	23763.00	74.28	-37.38	36.90	54.00	-17.10	AVG	0	

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

Operator: KK

File :TUV\Data :#1011

Page: 1

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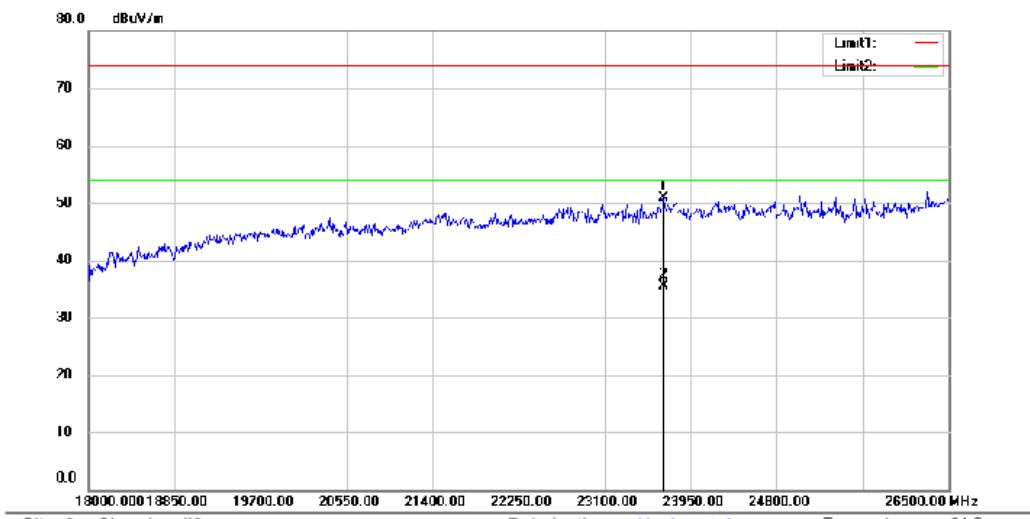

Access to the World

Radiated Emission Measurement

File :TUV

Data :#1012

Date:2016/06/15



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: MID721-RB

Mode:11G 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		23686.50	88.38	-37.46	50.92	74.00	-23.08	peak	0	
2	*	23686.50	73.06	-37.46	35.60	54.00	-18.40	AVG	0	

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

Operator: KK

File :TUV\Data :#1012

Page: 1

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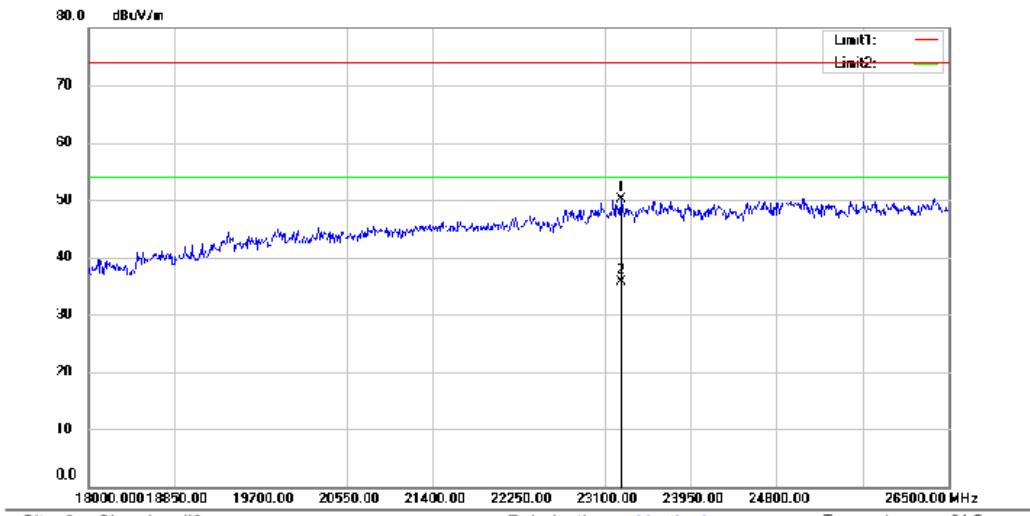

Access to the World

Radiated Emission Measurement

File :TUV

Data :#1013

Date:2016/06/15



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: MID721-RB

Mode:11G 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		23261.50	88.01	-37.91	50.10	74.00	-23.90	peak	0	
2	*	23261.50	73.71	-37.91	35.80	54.00	-18.20	AVG	0	

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

Operator: KK

File :TUV\Data :#1013

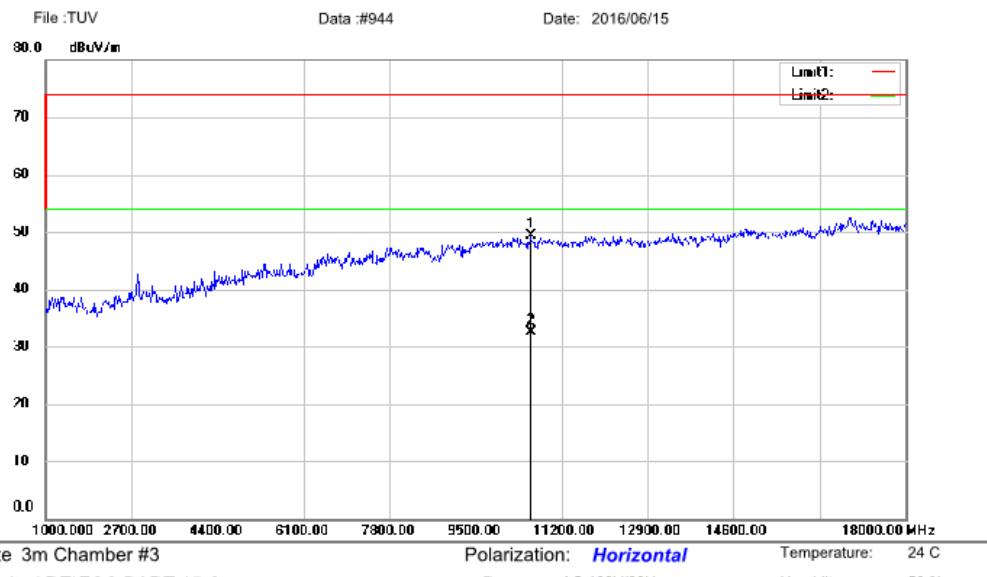
Page: 1

18GHz - 26GHz

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Access to the World

Radiated Emission Measurement



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		10588.00	63.73	-14.42	49.31	74.00	-24.69	peak	0	
2	*	10588.00	46.92	-14.42	32.50	54.00	-21.50	AVG	0	

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

Operator: KK

File :TUV Data #:944

Page: 1

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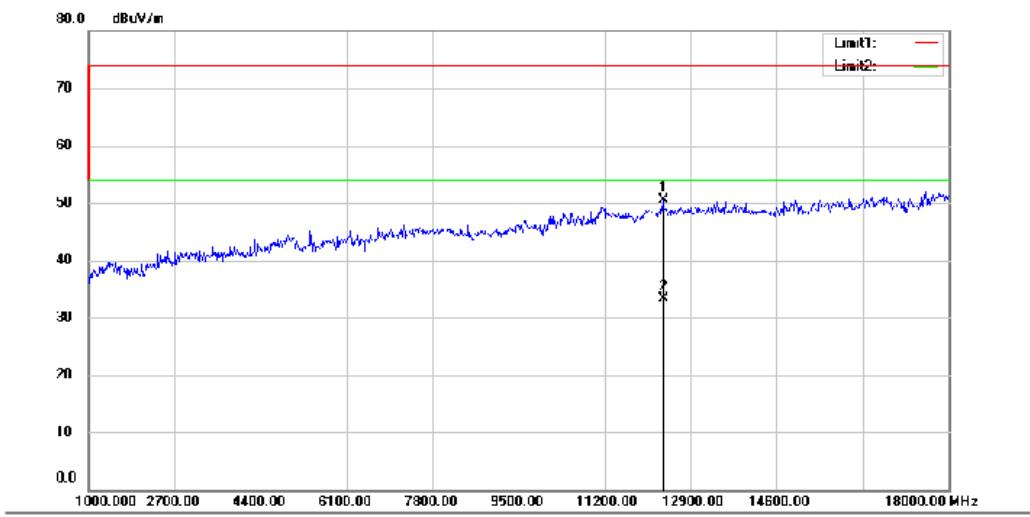

Access to the World

Radiated Emission Measurement

File :TUV

Data :#945

Date:2016/06/15



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: MID721-RB

Mode:11G 2412

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		12356.00	63.72	-13.24	50.48	74.00	-23.52	peak	0	
2	*	12356.00	46.64	-13.24	33.40	54.00	-20.60	AVG	0	

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

Operator: KK

File :TUV\Data :#945

Page: 1

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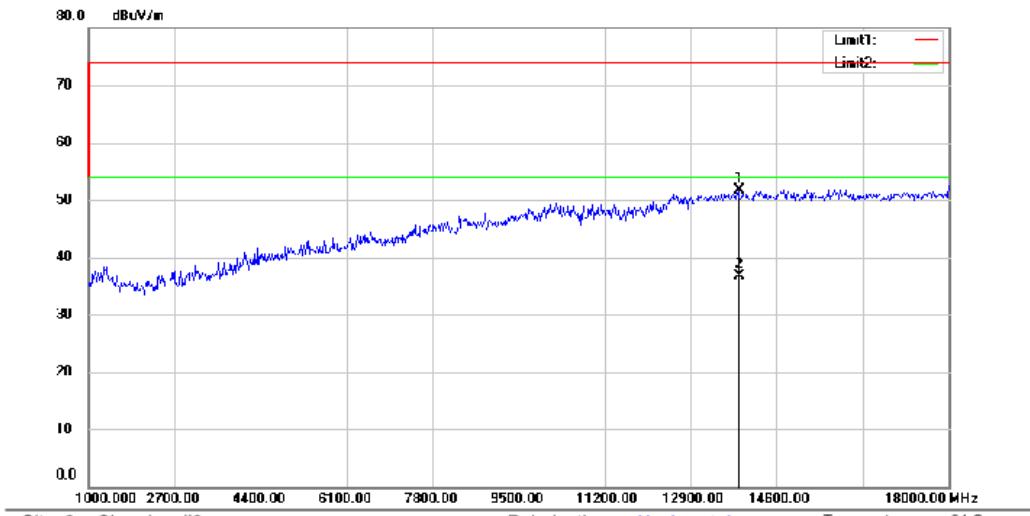

Access to the World

Radiated Emission Measurement

File :TUV

Data :#946

Date:2016/06/15



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: MID721-RB

Mode:11G 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		13852.00	60.15	-8.54	51.61	74.00	-22.39	peak	0	
2	*	13852.00	45.24	-8.54	36.70	54.00	-17.30	AVG	0	

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

Operator: KK

File :TUV\Data :#946

Page: 1

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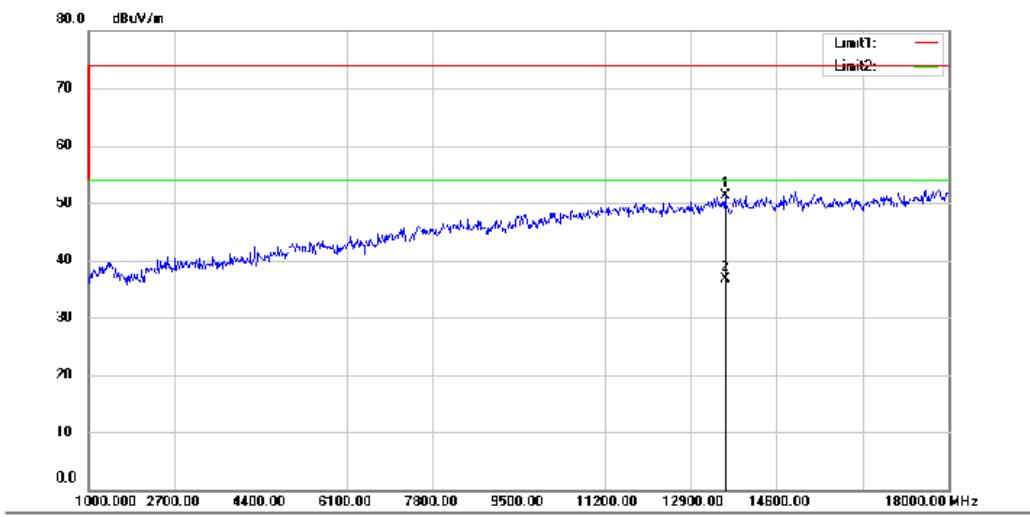

Access to the World

Radiated Emission Measurement

File :TUV

Data :#947

Date:2016/06/15



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: MID721-RB

Mode:11G 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		13580.00	61.27	-9.88	51.39	74.00	-22.61	peak	0	
2	*	13580.00	46.68	-9.88	36.80	54.00	-17.20	AVG	0	

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

Operator: KK

File :TUV\Data :#947

Page: 1

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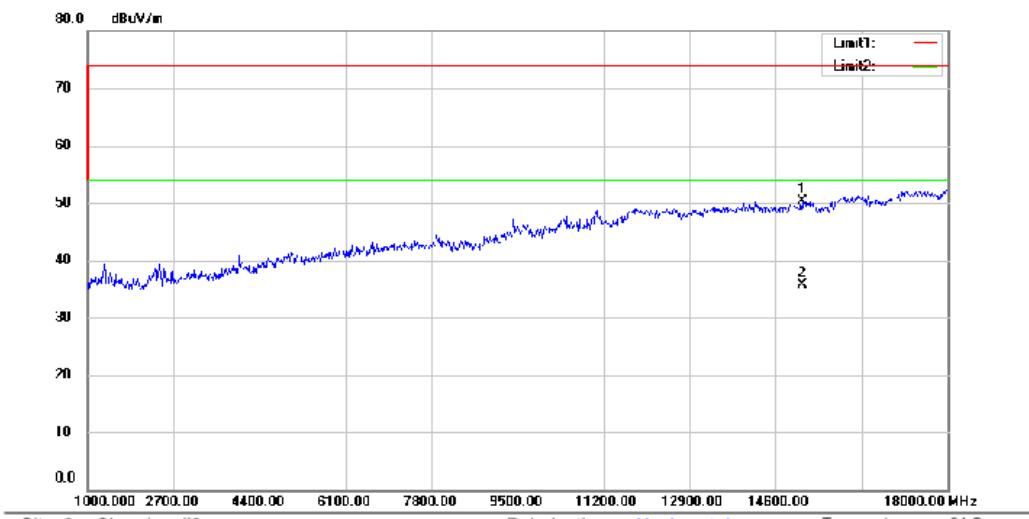

Access to the World

Radiated Emission Measurement

File :TUV

Data :#948

Date:2016/06/15



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: MID721-RB

Mode:11G 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		15127.00	60.37	-9.99	50.38	74.00	-23.62	peak	0	
2	*	15127.00	45.79	-9.99	35.80	54.00	-18.20	AVG	0	

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

Operator: KK

File :TUV\Data :#948

Page: 1

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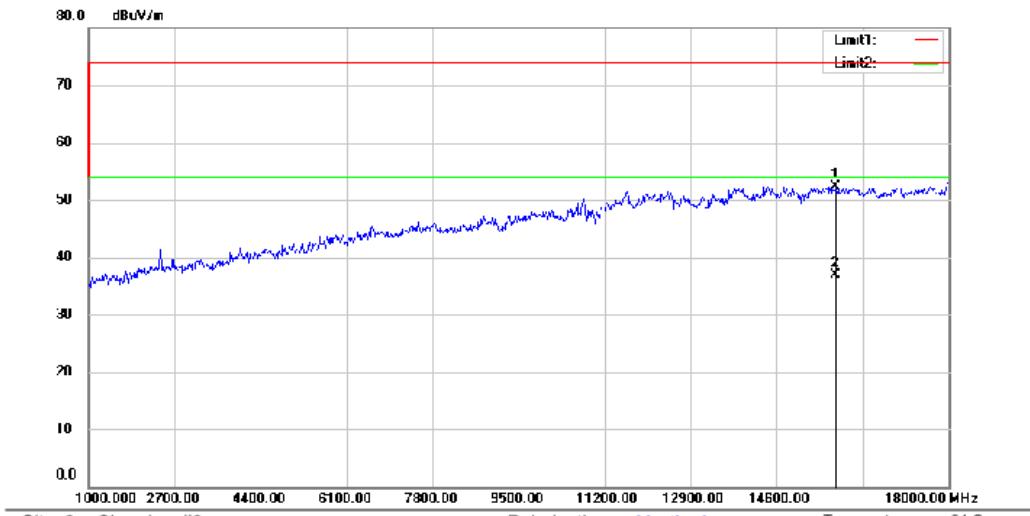

Access to the World

Radiated Emission Measurement

File :TUV

Data :#949

Date:2016/06/15



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: MID721-RB

Mode:11G 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		15773.00	64.31	-12.04	52.27	74.00	-21.73	peak	0	
2	*	15773.00	48.94	-12.04	36.90	54.00	-17.10	AVG	0	

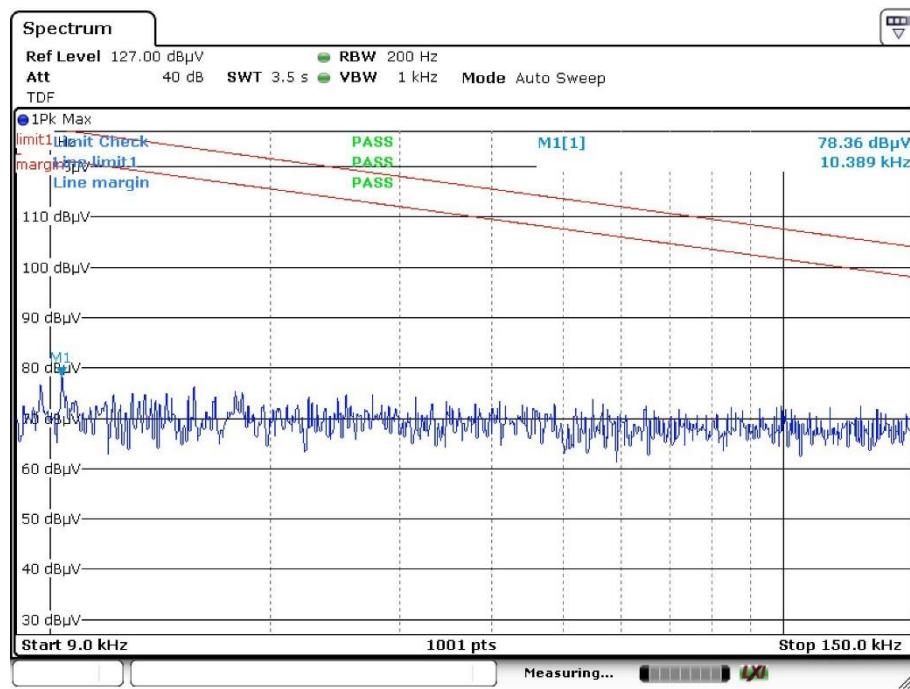
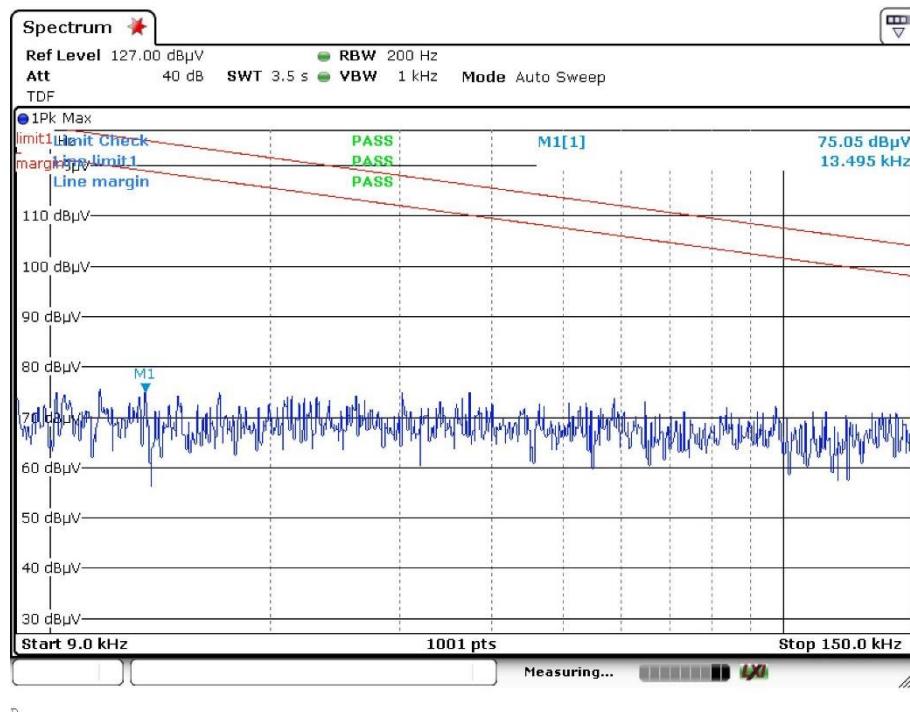
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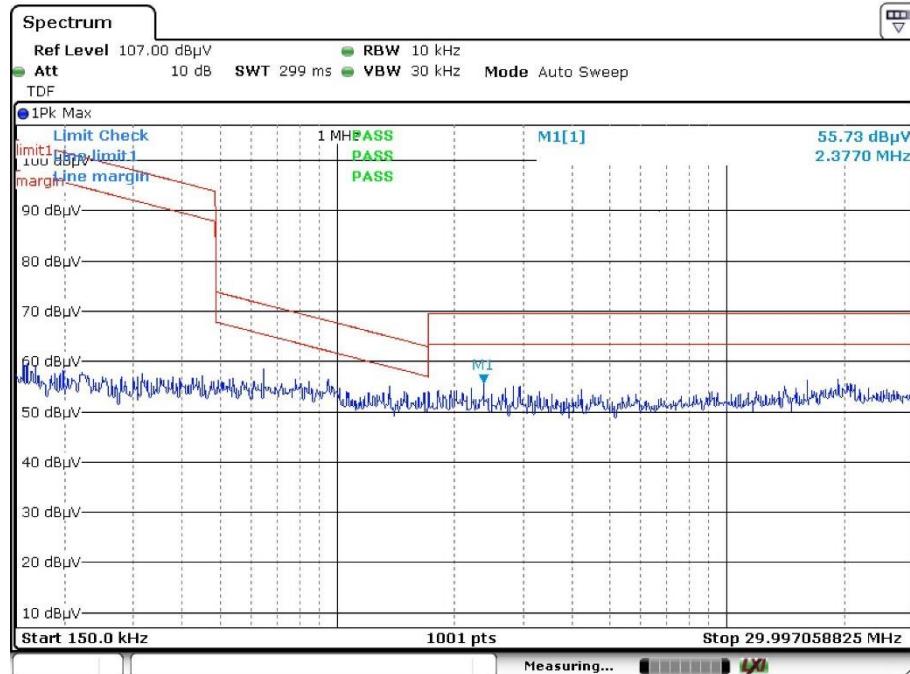
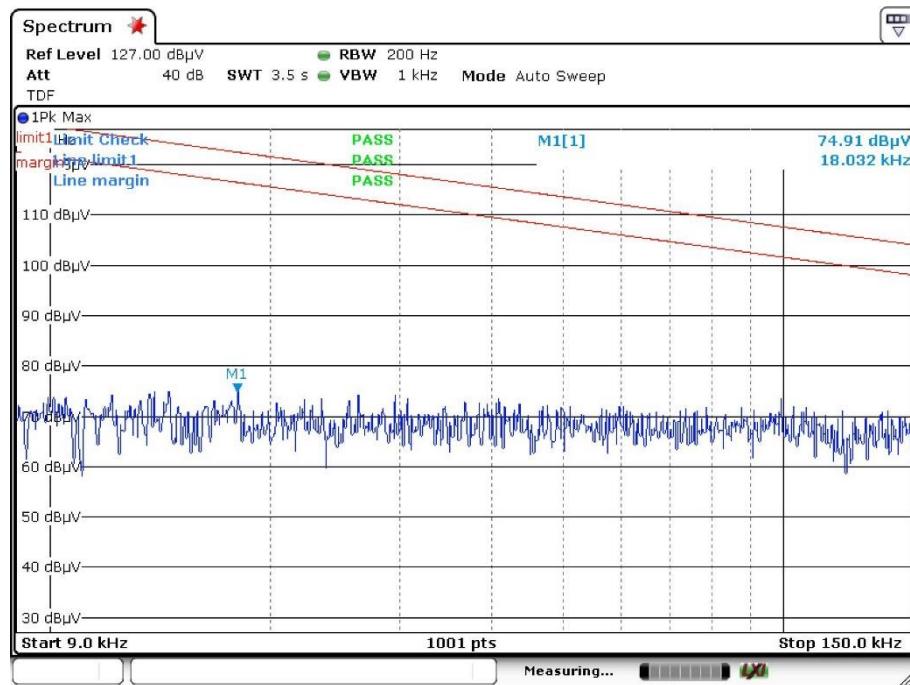
Operator: KK

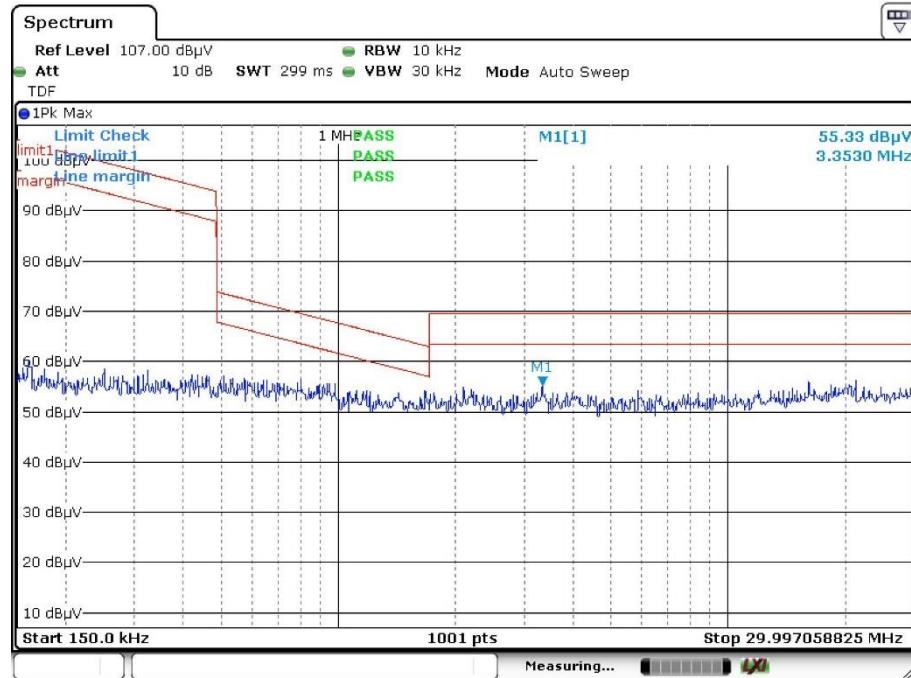
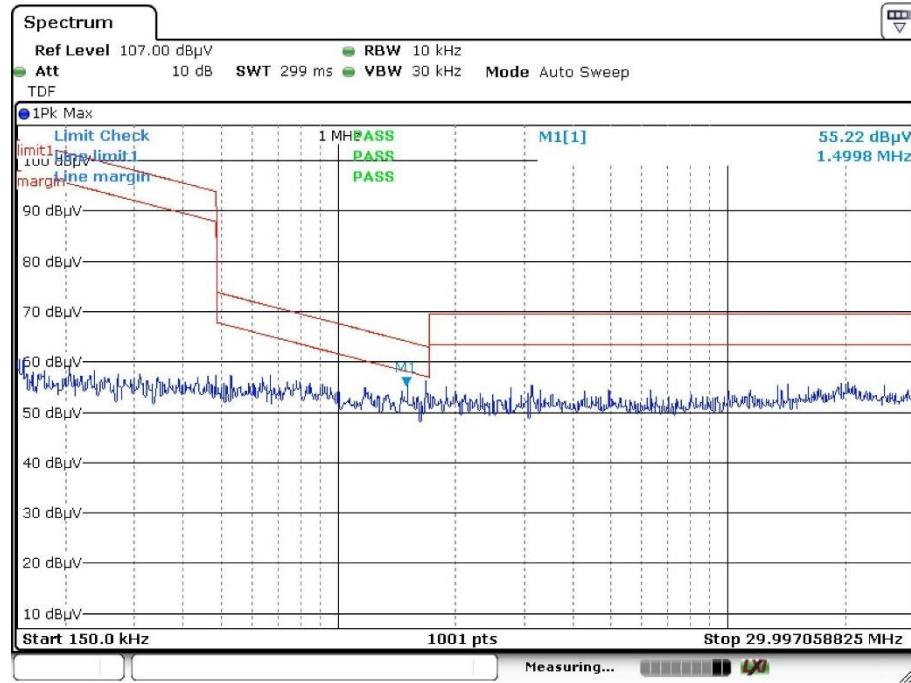
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Page: 1

Wi-Fi 802.11 n(HT20) mode, MCS0
9KHz - 30MHz

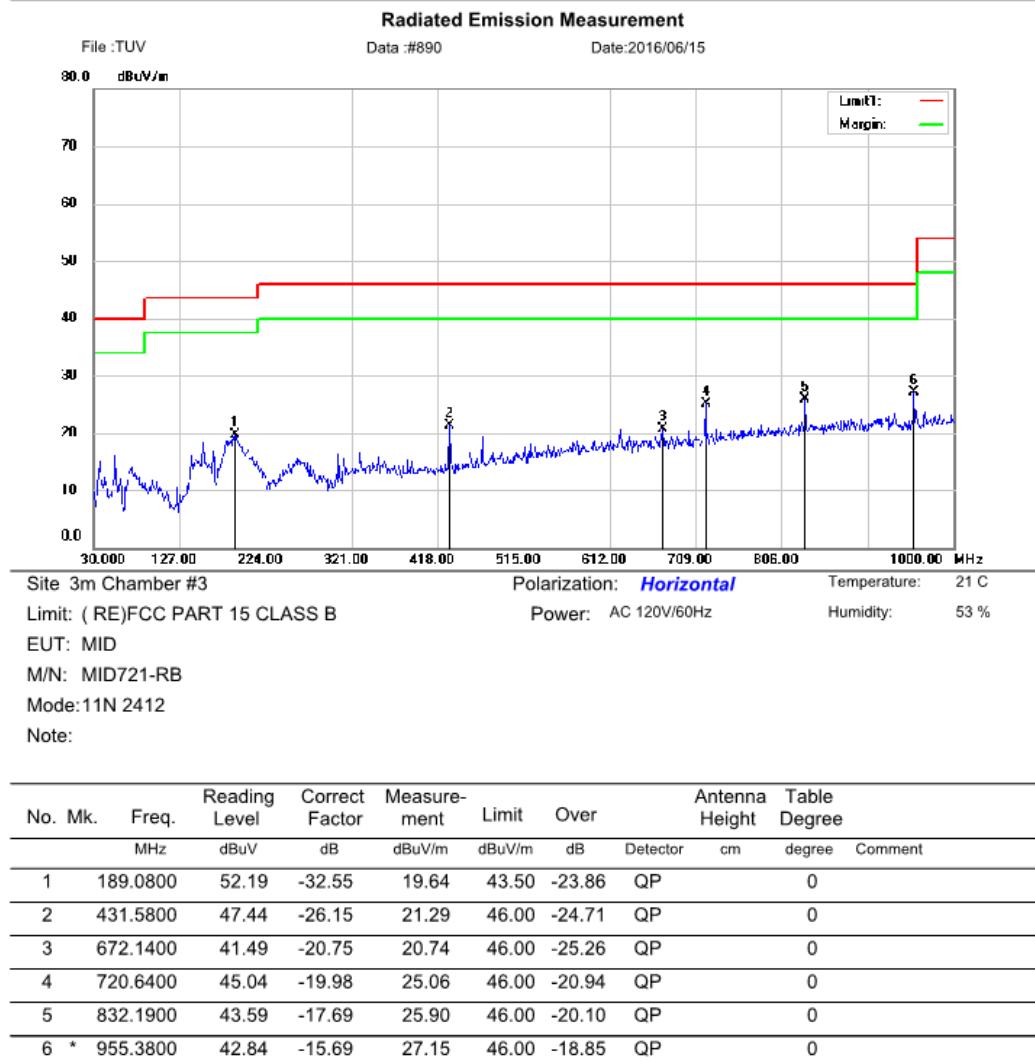






30MHz - 1GHz

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

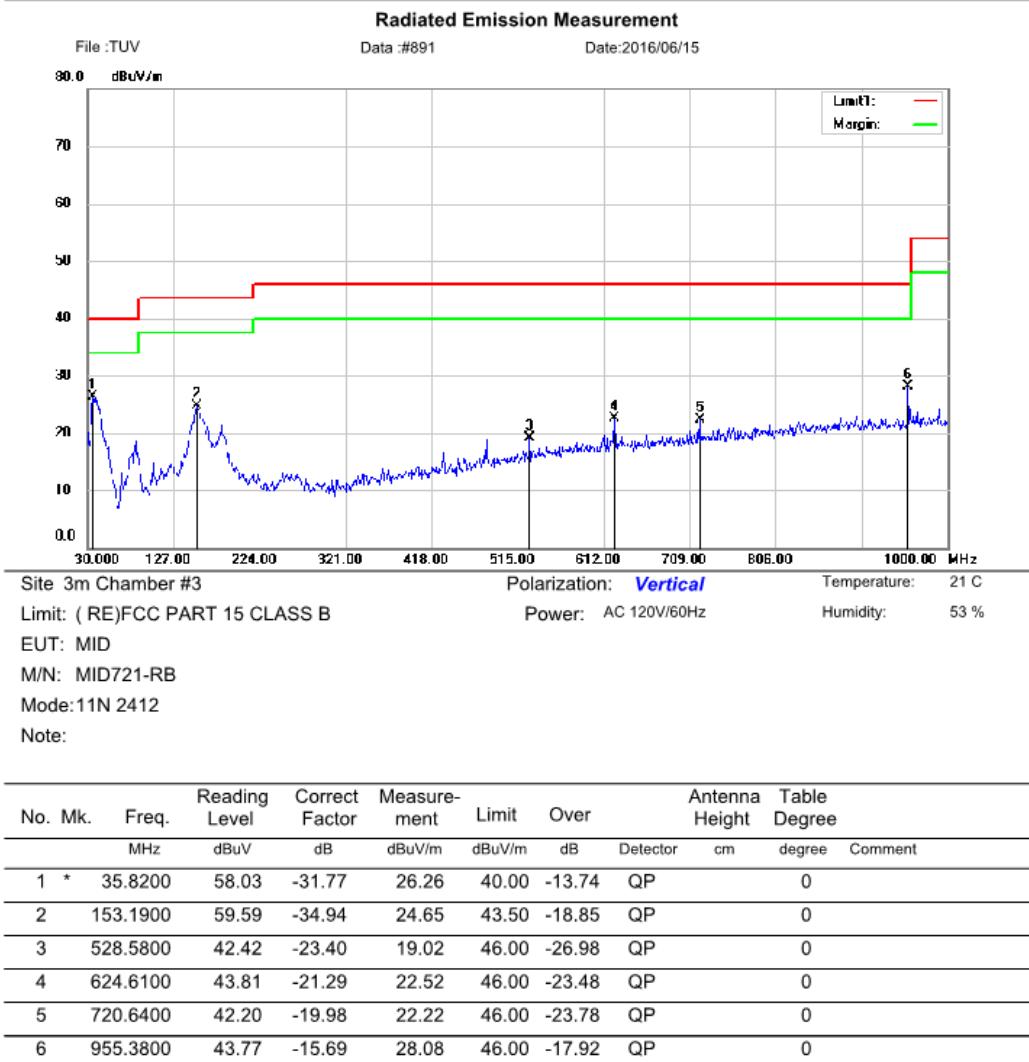
Operator: CSL

File :TUV\Data :#890

Page: 1

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Access to the World



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

Operator: CSL

File :TUV\Data #:891

Page: 1

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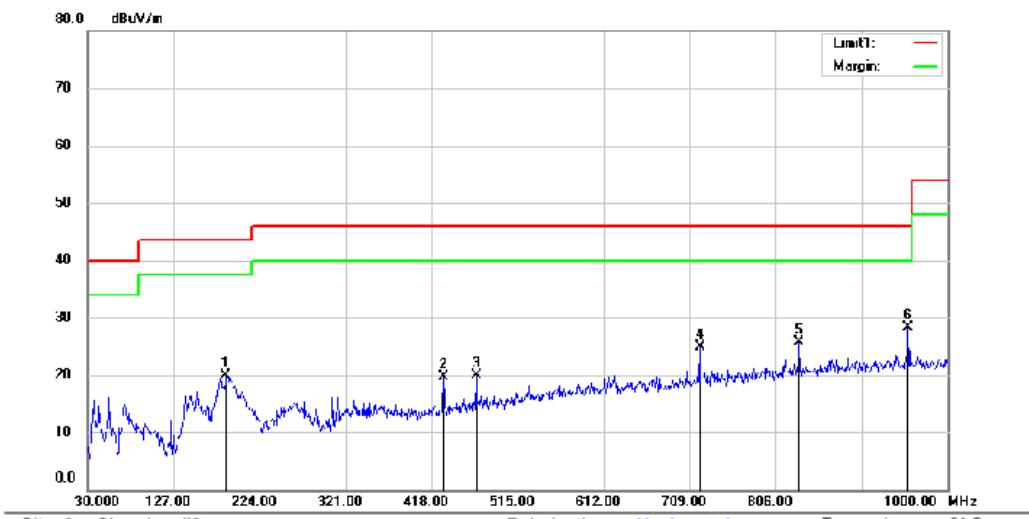
EMTEK Access to the World

Radiated Emission Measurement

File :TUV

Data #:888

Date:2016/06/15



Site 3m Chamber #3

Polarization: *Horizontal*

Temperature: 21 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-RB

Mode:11N 2437

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dB	Over Detector	Antenna Height cm	Table Degree	Comment
1		186.1700	52.80	-32.80	20.00	43.50	-23.50	QP		0
2		431.5800	45.92	-26.15	19.77	46.00	-26.23	QP		0
3		468.4400	44.99	-25.12	19.87	46.00	-26.13	QP		0
4		720.6400	44.88	-19.98	24.90	46.00	-21.10	QP		0
5		832.1900	43.45	-17.69	25.76	46.00	-20.24	QP		0
6	*	955.3800	43.92	-15.69	28.23	46.00	-17.77	QP		0

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

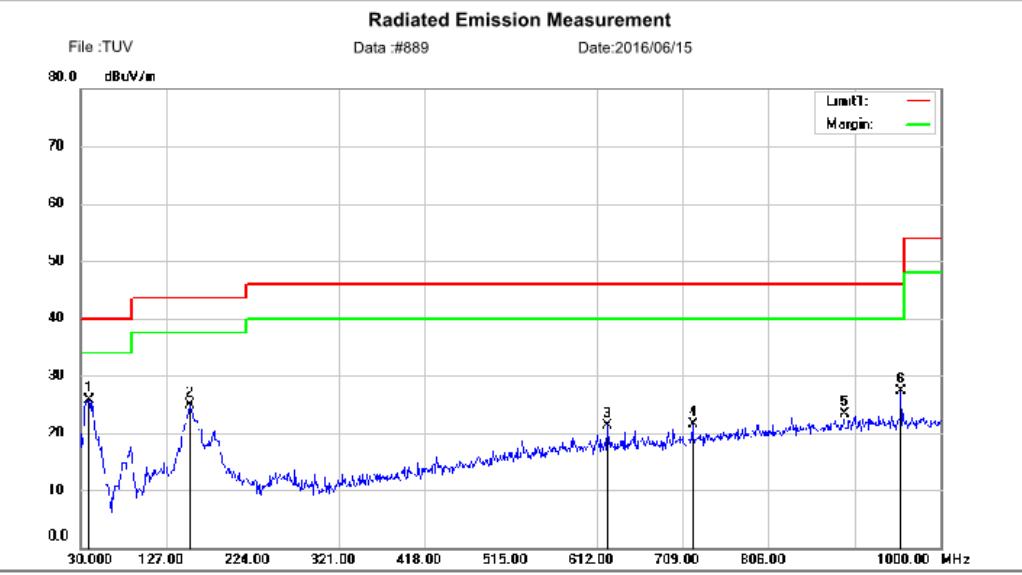
Operator: CSL

File :TUV\Data #:888

Page: 1

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No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	39.7000	56.40	-30.65	25.75	40.00	-14.25	QP		0
2		153.1900	59.78	-34.94	24.84	43.50	-18.66	QP		0
3		623.6400	42.69	-21.32	21.37	46.00	-24.63	QP		0
4		720.6400	41.39	-19.98	21.41	46.00	-24.59	QP		0
5		891.3600	39.88	-16.65	23.23	46.00	-22.77	QP		0
6		955.3800	42.90	-15.69	27.21	46.00	-18.79	QP		0

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

Operator: CSL

File :TUV\Data #:889

Page: 1

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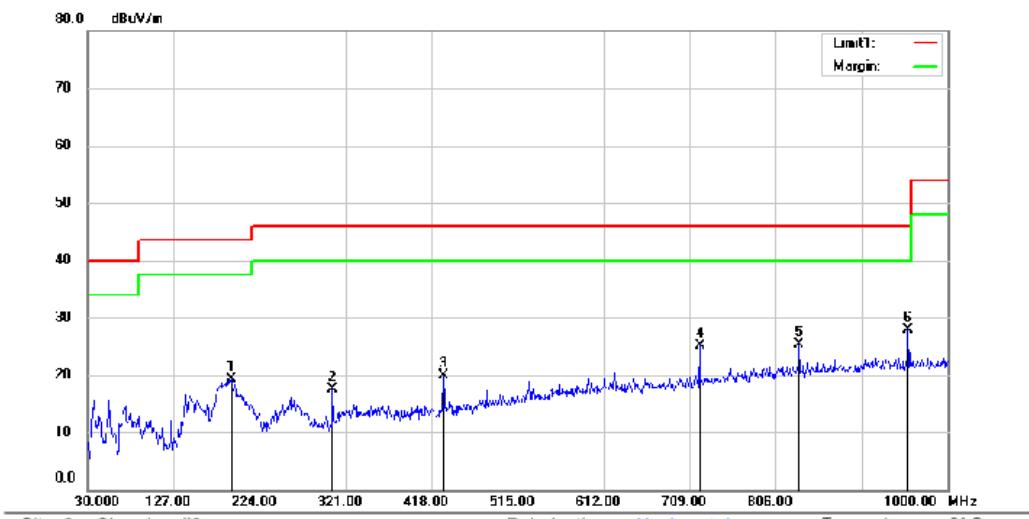
EMTEK Access to the World

Radiated Emission Measurement

File :TUV

Data #:886

Date:2016/06/15



Site 3m Chamber #3

Polarization: *Horizontal*

Temperature: 21 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: MID721-RB

Mode:11N 2462

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dB	Over Detector	Antenna Height cm	Table Degree degree	Comment
1		191.9900	51.74	-32.47	19.27	43.50	-24.23	QP	0	
2		306.4500	46.80	-29.31	17.49	46.00	-28.51	QP	0	
3		431.5800	46.15	-26.15	20.00	46.00	-26.00	QP	0	
4		720.6400	45.10	-19.98	25.12	46.00	-20.88	QP	0	
5		832.1900	42.93	-17.69	25.24	46.00	-20.76	QP	0	
6	*	955.3800	43.67	-15.69	27.98	46.00	-18.02	QP	0	

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

Operator: CSL

File :TUV\Data #:886

Page: 1

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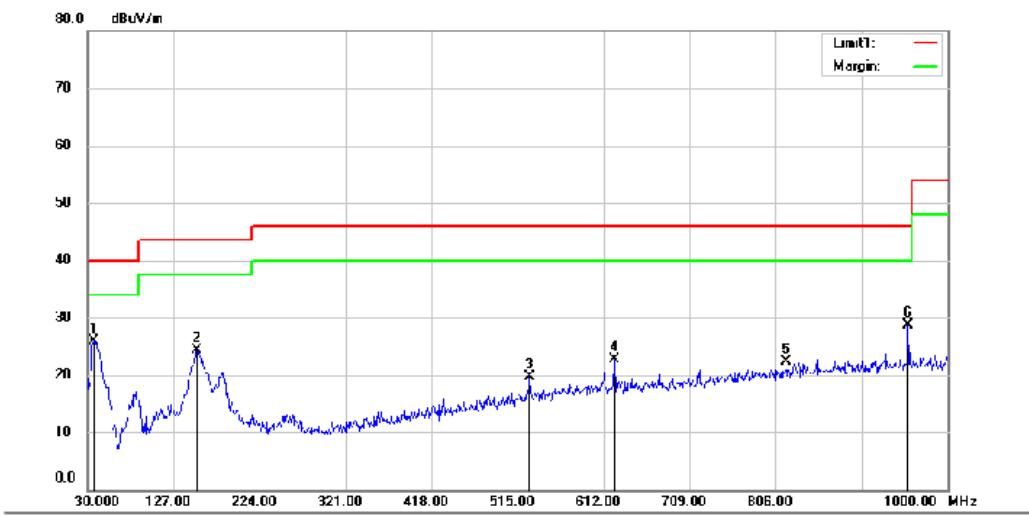


Radiated Emission Measurement

File :TUV

Data #:887

Date:2016/06/15



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	36.7900	57.31	-31.44	25.87	40.00	-14.13	QP		0
2		153.1900	59.20	-34.94	24.26	43.50	-19.24	QP		0
3		528.5800	43.01	-23.40	19.61	46.00	-26.39	QP		0
4		624.6100	44.03	-21.29	22.74	46.00	-23.26	QP		0
5		818.6100	40.26	-17.93	22.33	46.00	-23.67	QP		0
6		955.3800	44.44	-15.69	28.75	46.00	-17.25	QP		0

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

Operator: CSL

File :TUV\Data #:887

Page: 1

1GHz - 18GHz

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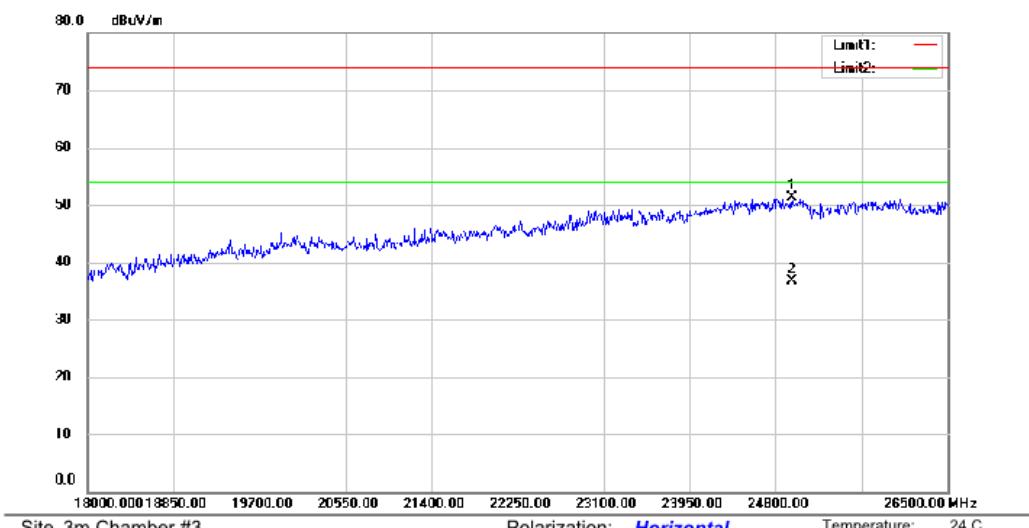

Access to the World

Radiated Emission Measurement

File :TUV

Data #:1020

Date:2016/06/15



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: MID721-RB

Mode:11N 2412

Note:

No.	Mk.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	24961.50	88.24	-37.01	51.23	74.00	-22.77	peak	0	
2 *	24961.50	73.71	-37.01	36.70	54.00	-17.30	AVG	0	

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

Operator: KK

File :TUVData #:1020

Page: 1

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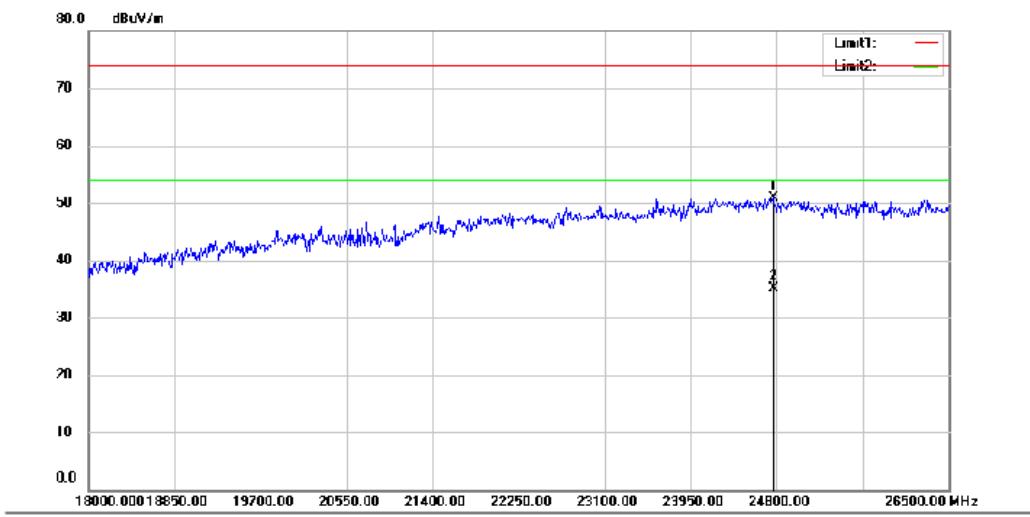

Access to the World

Radiated Emission Measurement

File :TUV

Data :#1021

Date:2016/06/15



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: MID721-RB

Mode:11N 2412

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		24766.00	87.93	-37.04	50.89	74.00	-23.11	peak	0	
2	*	24766.00	72.14	-37.04	35.10	54.00	-18.90	AVG	0	

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

Operator: KK

File :TUV\Data :#1021

Page: 1

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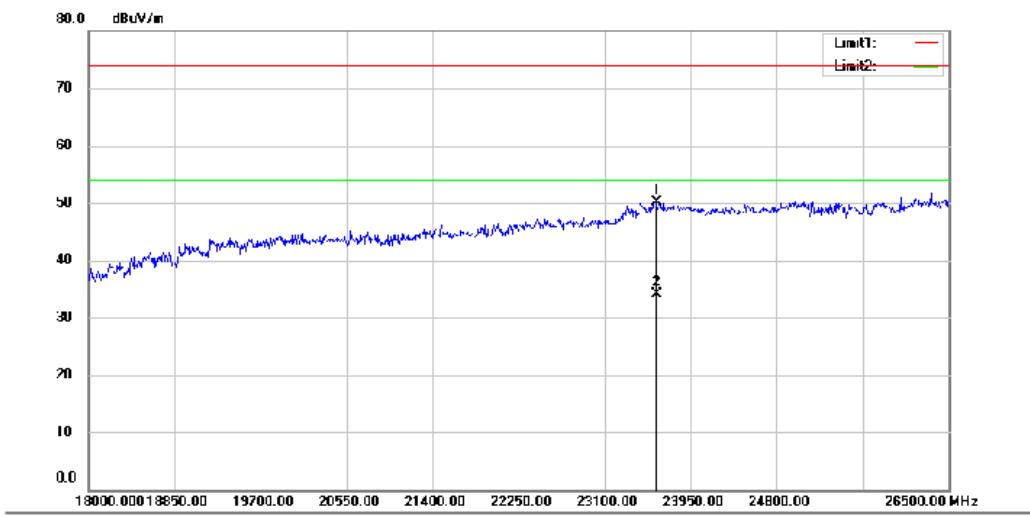

Access to the World

Radiated Emission Measurement

File :TUV

Data :#1016

Date:2016/06/15



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: MID721-RB

Mode:11N 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		23618.50	87.64	-37.53	50.11	74.00	-23.89	peak	0	
2	*	23618.50	71.73	-37.53	34.20	54.00	-19.80	AVG	0	

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

Operator: KK

File :TUV\Data :#1016

Page: 1

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Access to the World

Radiated Emission Measurement

File :TUV

Data :#1017

Date:2016/06/15



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: MID721-RB

Mode:11N 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		25752.00	88.04	-36.09	51.95	74.00	-22.05	peak	0	
2	*	25752.00	71.99	-36.09	35.90	54.00	-18.10	AVG	0	

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

Operator: KK

File :TUV\Data :#1017

Page: 1

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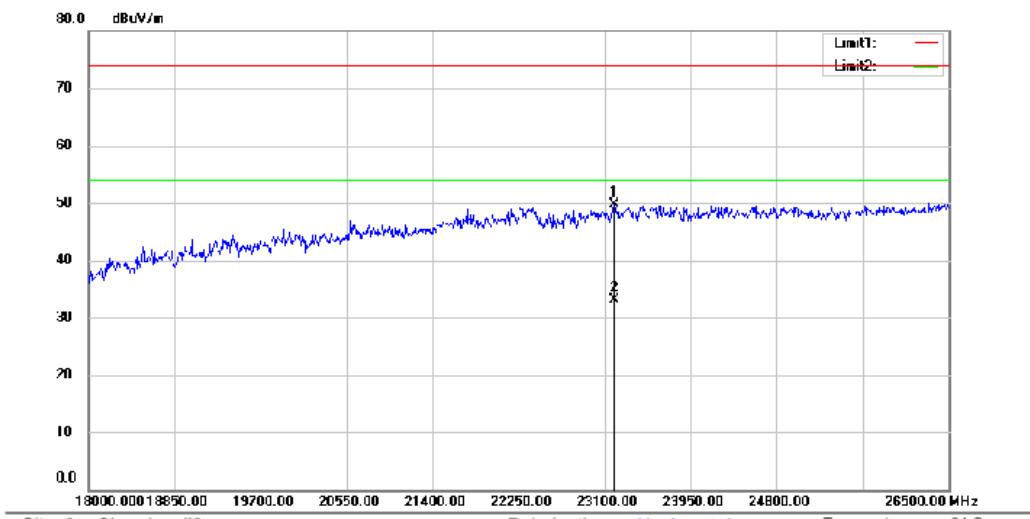

Access to the World

Radiated Emission Measurement

File :TUV

Data :#1018

Date:2016/06/15



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: MID721-RB

Mode:11N 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		23193.50	87.65	-37.98	49.67	74.00	-24.33	peak	0	
2	*	23193.50	71.08	-37.98	33.10	54.00	-20.90	AVG	0	

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

Operator: KK

File :TUV\#1018

Page: 1

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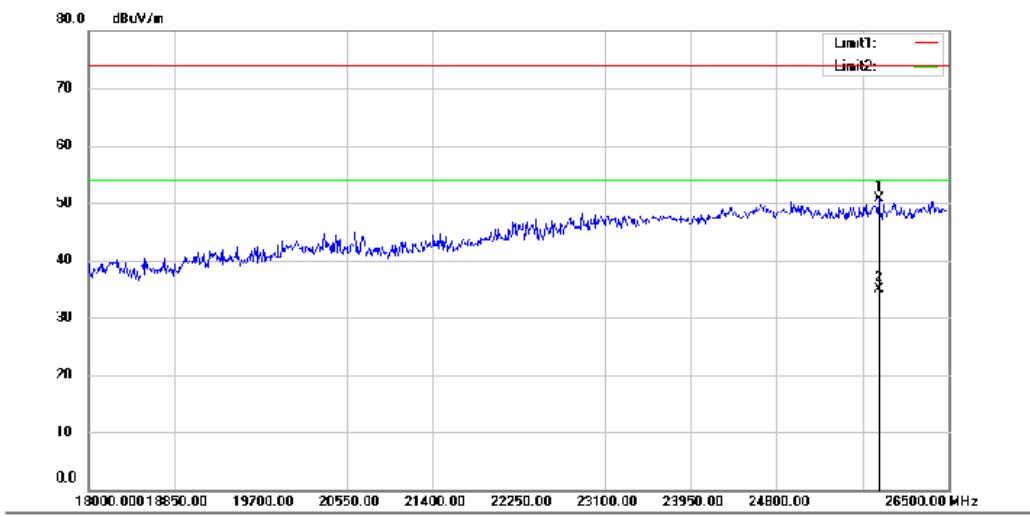

Access to the World

Radiated Emission Measurement

File :TUV

Data :#1019

Date:2016/06/15



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: MID721-RB

Mode:11N 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		25811.50	86.64	-36.02	50.62	74.00	-23.38	peak	0	
2	*	25811.50	70.92	-36.02	34.90	54.00	-19.10	AVG	0	

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

Operator: KK

File :TUV\Data :#1019

Page: 1

18GHz - 26GHz

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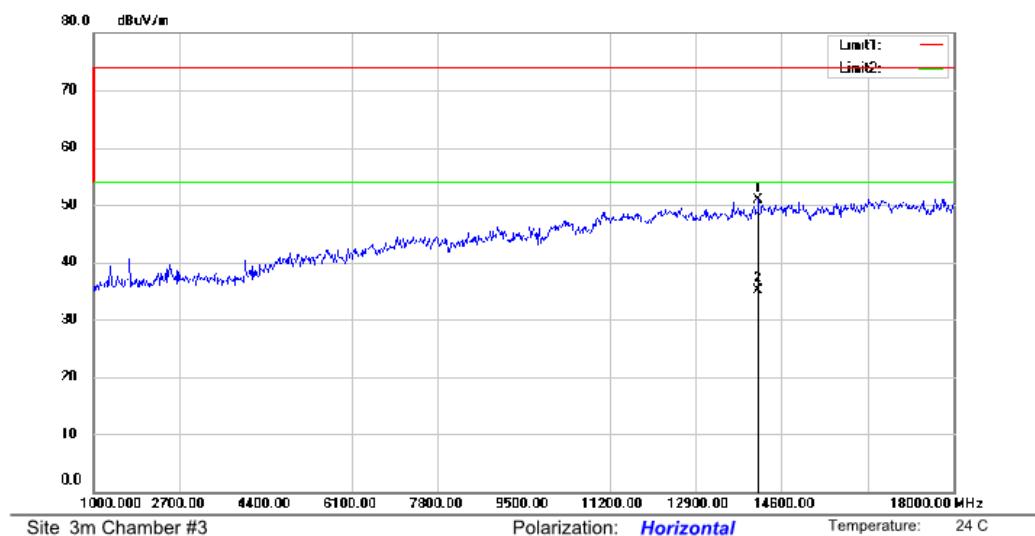

Access to the World

Radiated Emission Measurement

File :TUV

Data :#950

Date:2016/06/15



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: MID721-RB

Mode:11N 2412

Note:

No.	Mk.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
	Freq.	Level	Factor	m	dBuV/m	dB	Detector	Height	Degree
1	14141.00	58.94	-8.07	50.87	74.00	-23.13	peak		0
2 *	14141.00	43.27	-8.07	35.20	54.00	-18.80	AVG		0

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

Operator: KK

File :TUV Data :#950

Page: 1

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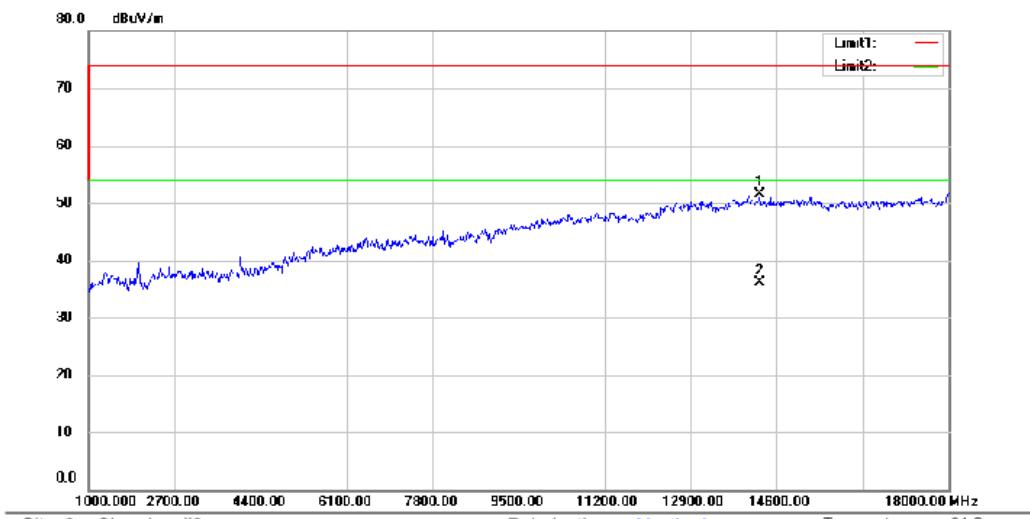

Access to the World

Radiated Emission Measurement

File :TUV

Data :#951

Date:2016/06/15



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: MID721-RB

Mode:11N 2412

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		14260.00	59.74	-8.28	51.46	74.00	-22.54	peak	0	
2	*	14260.00	44.38	-8.28	36.10	54.00	-17.90	AVG	0	

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

Operator: KK

File :TUV\Data :#951

Page: 1

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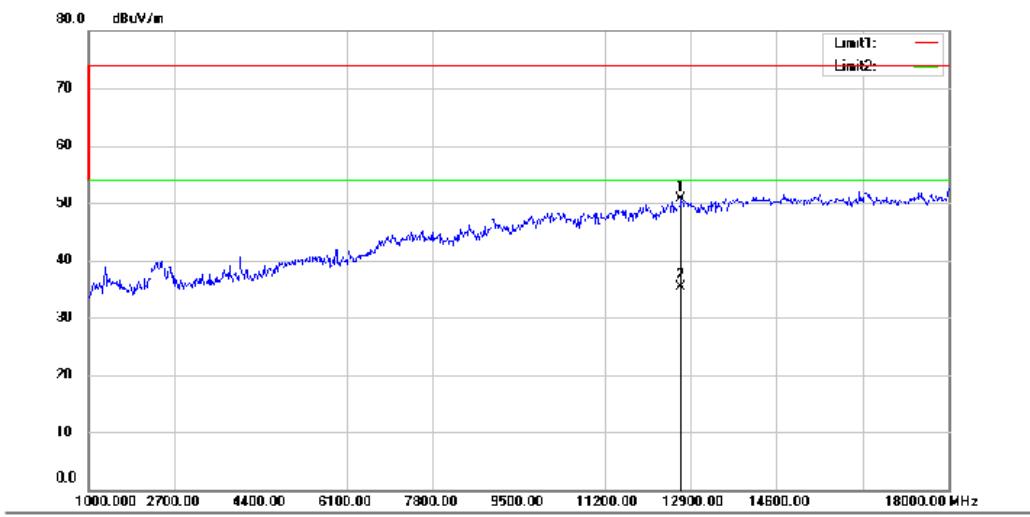

Access to the World

Radiated Emission Measurement

File :TUV

Data :#952

Date:2016/06/15



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: MID721-RB

Mode:11N 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		12713.00	63.63	-12.96	50.67	74.00	-23.33	peak	0	
2	*	12713.00	48.26	-12.96	35.30	54.00	-18.70	AVG	0	

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

Operator: KK

File :TUV\Data :#952

Page: 1

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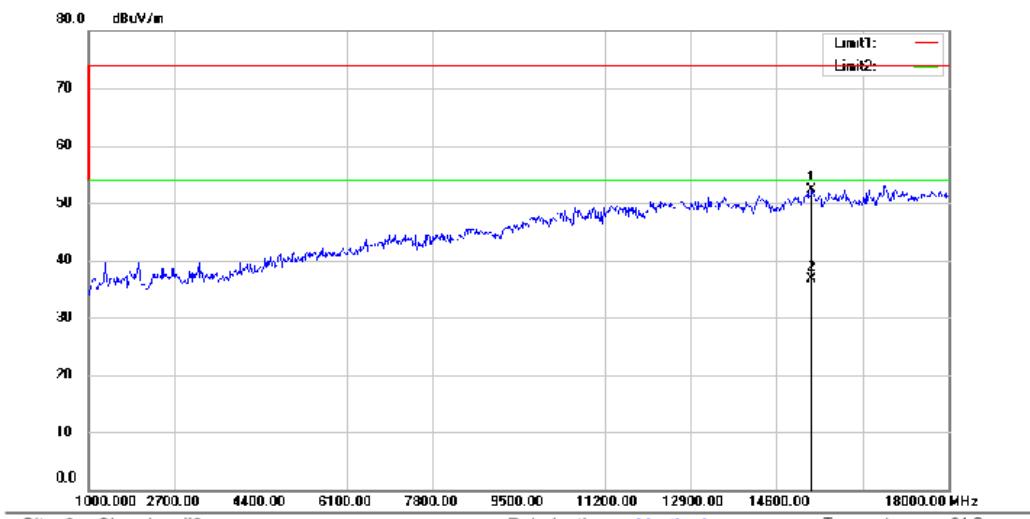

EMTEK Access to the World

Radiated Emission Measurement

File :TUV

Data :#953

Date:2016/06/15



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: MID721-RB

Mode:11N 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		15297.00	62.92	-10.53	52.39	74.00	-21.61	peak	0	
2	*	15297.00	47.23	-10.53	36.70	54.00	-17.30	AVG	0	

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

Operator: KK

File :TUV\Data :#953

Page: 1

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Access to the World

Radiated Emission Measurement

File :TUV

Data :#954

Date:2016/06/15



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: MID721-RB

Mode:11N 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11778.00	64.18	-13.50	50.68	74.00	-23.32	peak	0	
2	*	11778.00	48.90	-13.50	35.40	54.00	-18.60	AVG	0	

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

Operator: KK

File :TUV\Data :#954

Page: 1

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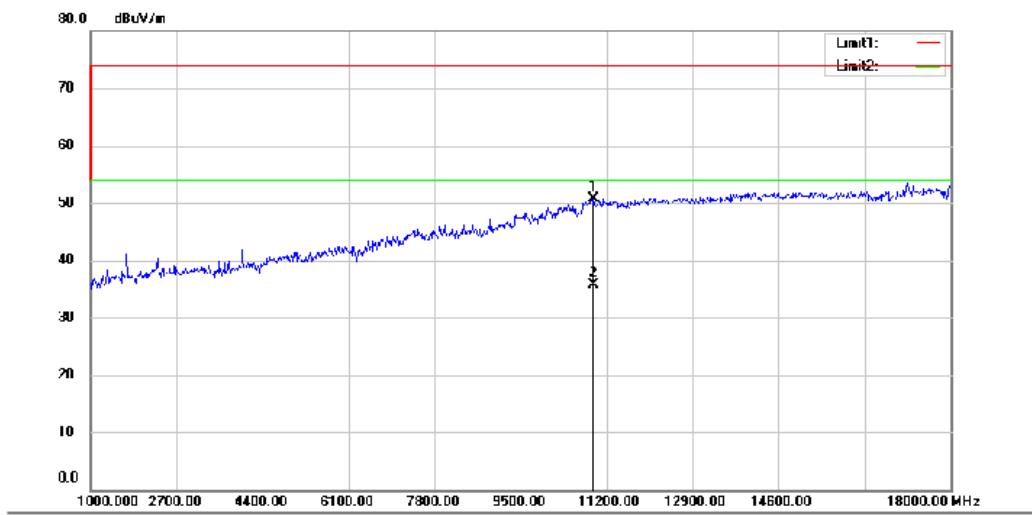

Access to the World

Radiated Emission Measurement

File :TUV

Data :#955

Date:2016/06/15



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: MID721-RB

Mode:11N 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		10945.00	64.19	-13.52	50.67	74.00	-23.33	peak	0	
2	*	10945.00	49.32	-13.52	35.80	54.00	-18.20	AVG	0	

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

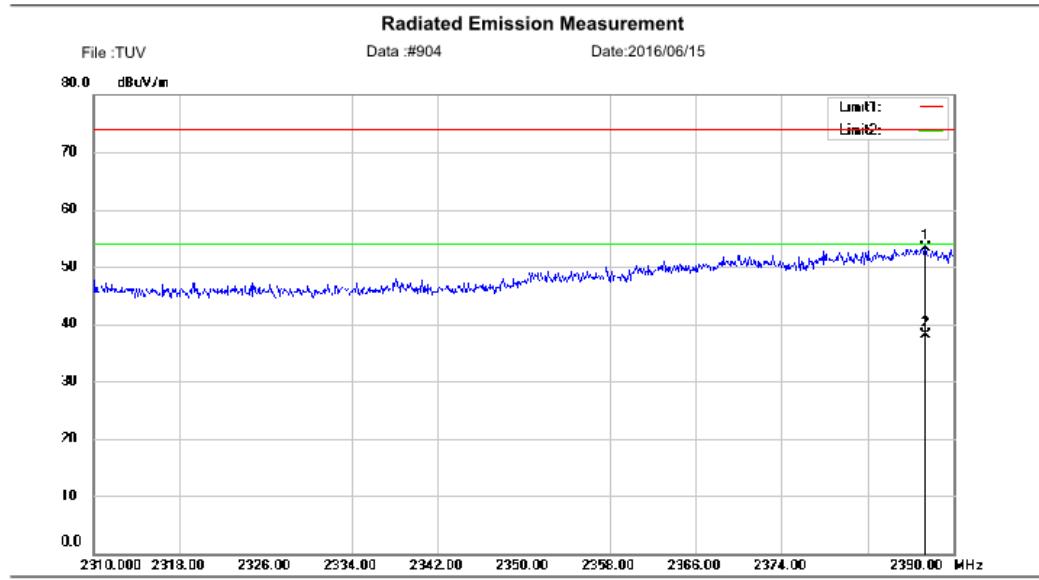
Operator: KK

File :TUV\Data :#955

Page: 1

Appendix D.2: Test Results of Radiated Emissions in Restricted Bands
Wi-Fi 802.11 b mode, 1 Mbps
Low channel

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No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	
1		2387.360	38.27	15.01	53.28	74.00	-20.72	peak	0	
2	*	2387.360	23.19	15.01	38.20	54.00	-15.80	AVG	0	

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

Operator: KK

File :TUV\Data :#904

Page: 1

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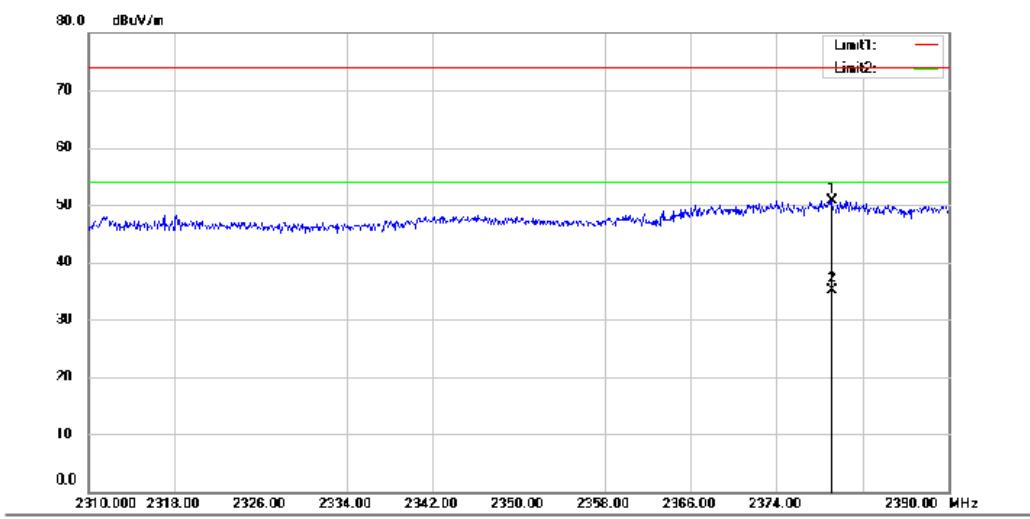

Access to the World

Radiated Emission Measurement

File :TUV

Data #:905

Date:2016/06/15



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: MID721-RB

Mode:11B 2412

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2379.200	35.83	14.95	50.78	74.00	-23.22	peak	0	
2	*	2379.200	20.25	14.95	35.20	54.00	-18.80	AVG	0	

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

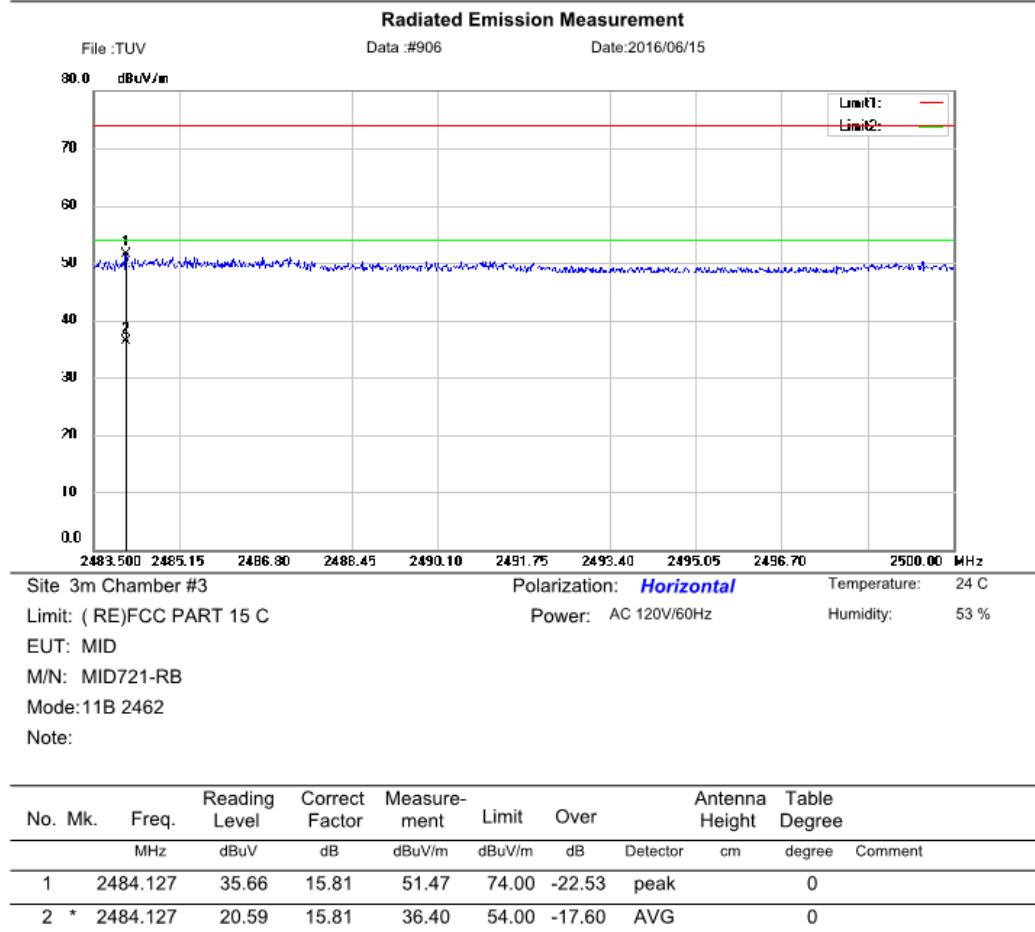
Operator: KK

File :TUV\Data #:905

Page: 1

High channel

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

Operator: KK

File :TUV\Data :#906

Page: 1

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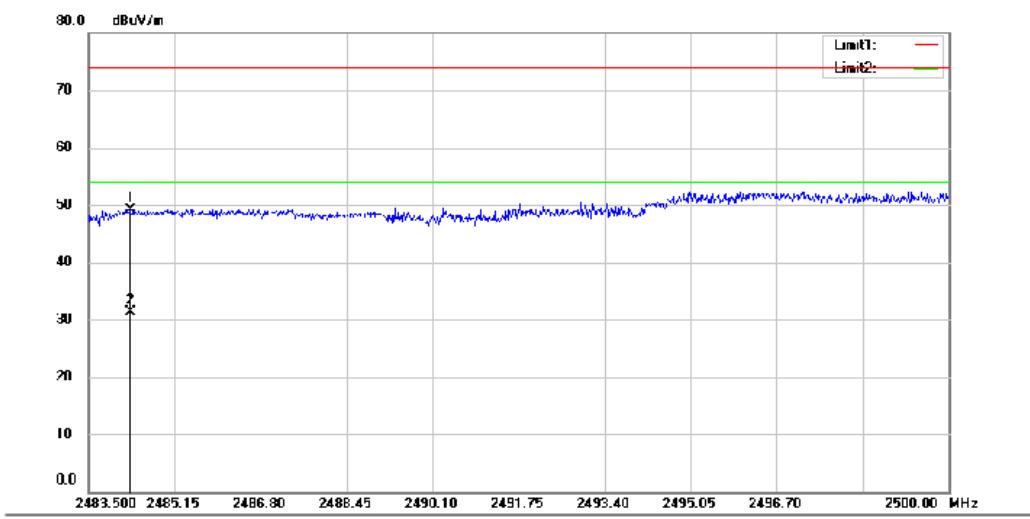

Access to the World

Radiated Emission Measurement

File :TUV

Data :#907

Date:2016/06/15



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: MID721-RB

Mode:11B 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2484.292	33.35	15.81	49.16	74.00	-24.84	peak	0	
2	*	2484.292	15.59	15.81	31.40	54.00	-22.60	AVG	0	

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

Operator: KK

File :TUV\Data :#907

Page: 1

Wi-Fi 802.11 g mode, 6 Mbps
Low channel

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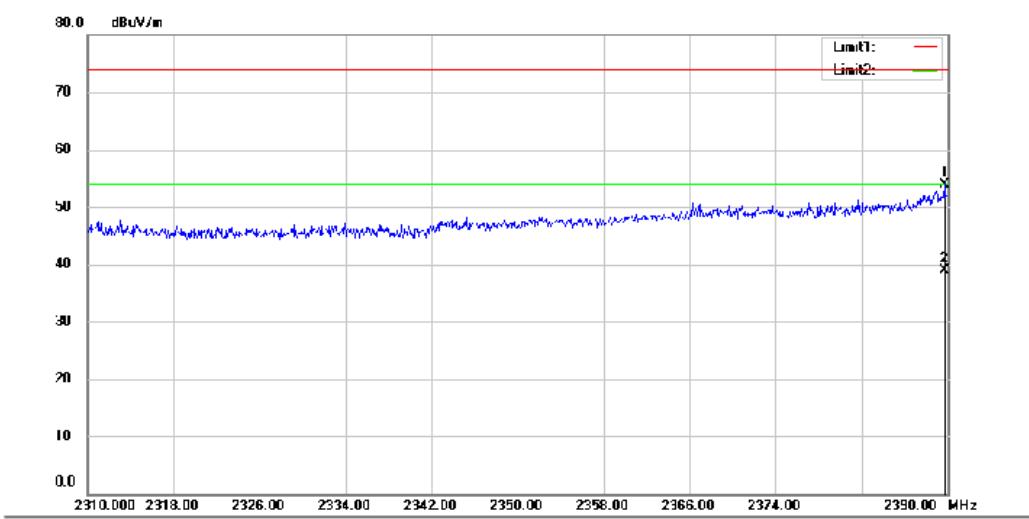


Radiated Emission Measurement

File :TUV

Data :#910

Date:2016/06/15



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: MID721-RB

Mode:11G 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	Detector	cm degree
1		2389.680	38.85	15.03	53.88	74.00	-20.12	peak	0
2	*	2389.680	23.87	15.03	38.90	54.00	-15.10	AVG	0

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

Operator: KK

File :TUV\Data :#910

Page: 1

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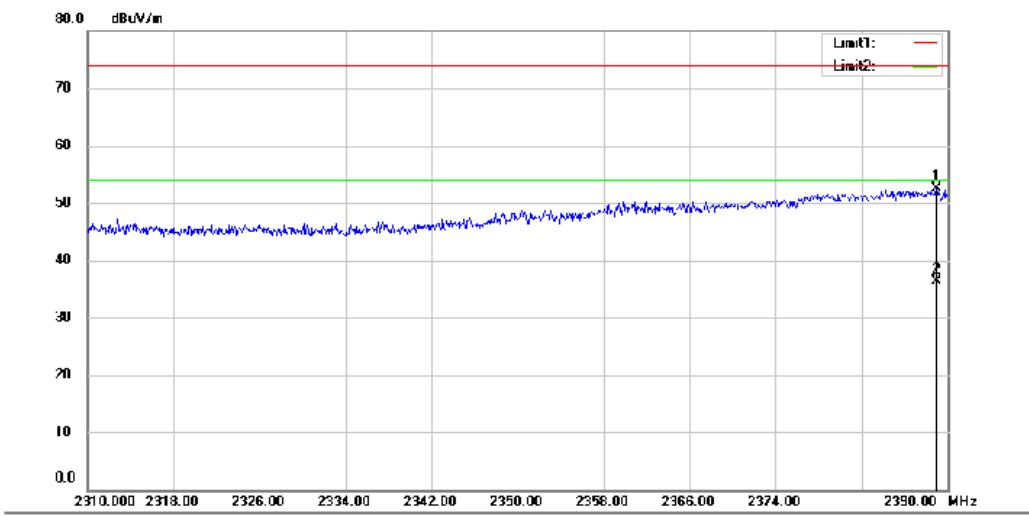

Access to the World

Radiated Emission Measurement

File :TUV

Data :#911

Date:2016/06/15



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: MID721-RB

Mode:11G 2412

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2388.960	37.38	15.03	52.41	74.00	-21.59	peak	0	
2	*	2388.960	21.37	15.03	36.40	54.00	-17.60	AVG	0	

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

Operator: KK

File :TUV\Data :#911

Page: 1

High channel

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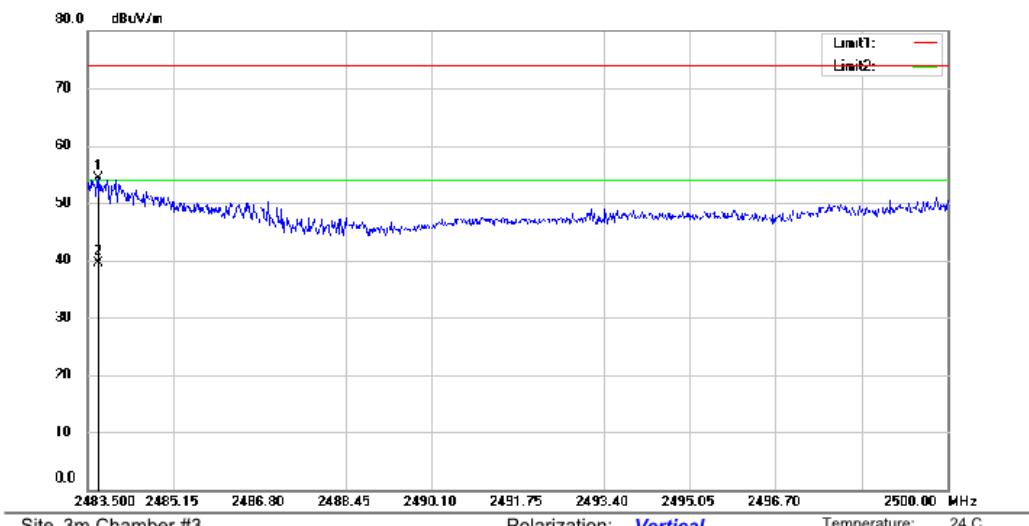


Radiated Emission Measurement

File :TUV

Data :#908

Date:2016/06/15



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: MID721-RB

Mode:11G 2462

Note:

No.	Mk.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
	Freq.	Level	Factor	m	dBuV/m	dB	Detector	Height	Degree
	MHz	dBuV	dB				cm	degree	Comment
1	2483.715	38.51	15.80	54.31	74.00	-19.69	peak	0	
2 *	2483.715	23.70	15.80	39.50	54.00	-14.50	AVG	0	

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

Operator: KK

File :TUV Data :#908

Page: 1

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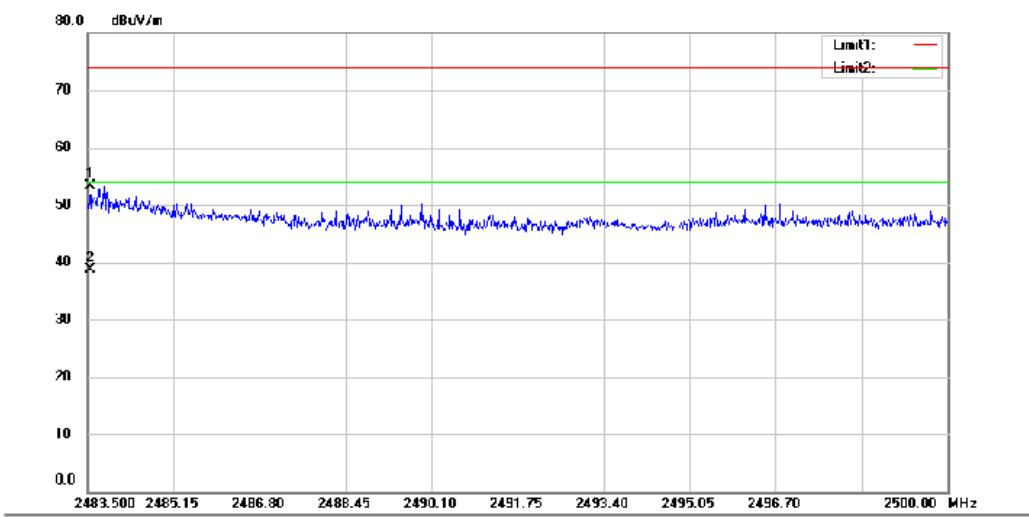

Access to the World

Radiated Emission Measurement

File :TUV

Data :#909

Date:2016/06/15



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: MID721-RB

Mode:11G 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2483.550	37.55	15.80	53.35	74.00	-20.65	peak	0	
2	*	2483.550	22.90	15.80	38.70	54.00	-15.30	AVG	0	

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

Operator: KK

File :TUV\Data :#909

Page: 1

Wi-Fi 802.11 n(HT20) mode, MCS0
Low channel

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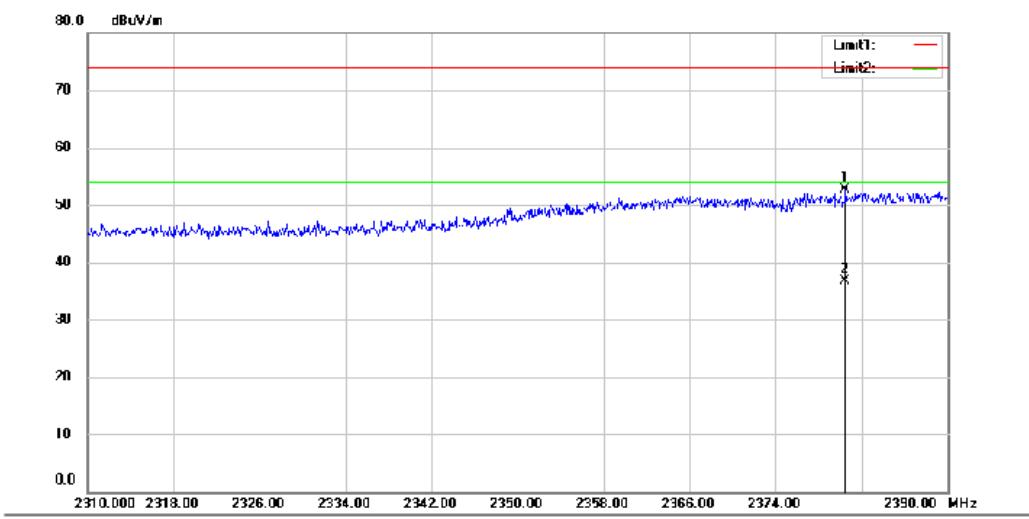


Radiated Emission Measurement

File :TUV

Data :#912

Date:2016/06/15



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: MID721-RB

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	Detector	cm degree
1		2380.480	37.76	14.96	52.72	74.00	-21.28	peak	0
2	*	2380.480	21.74	14.96	36.70	54.00	-17.30	AVG	0

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

Operator: KK

File :TUV\Data :#912

Page: 1

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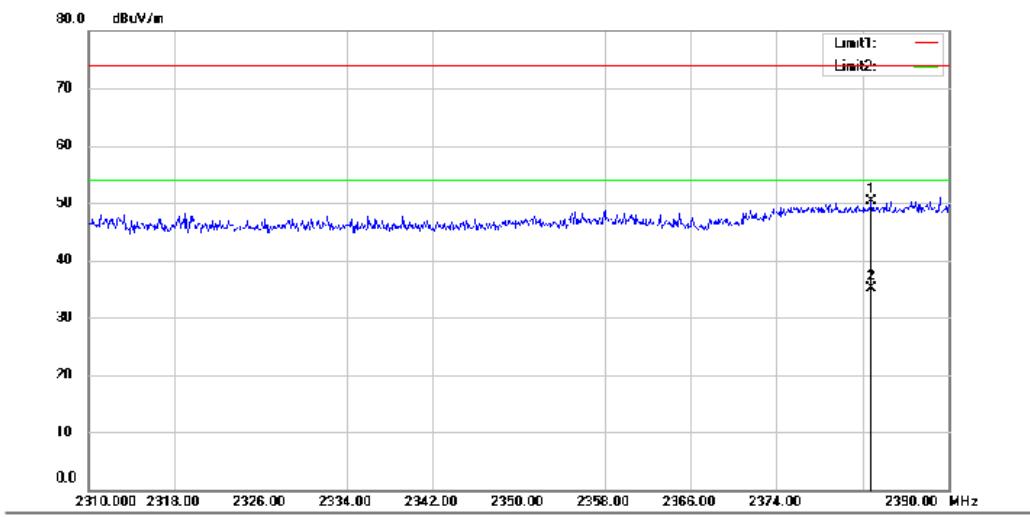

Access to the World

Radiated Emission Measurement

File :TUV

Data #:913

Date:2016/06/15



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: MID721-RB

Mode:11N 2412

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2382.800	35.24	14.98	50.22	74.00	-23.78	peak	0	
2	*	2382.800	20.22	14.98	35.20	54.00	-18.80	AVG	0	

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

Operator: KK

File :TUV\Data #:913

Page: 1

High channel

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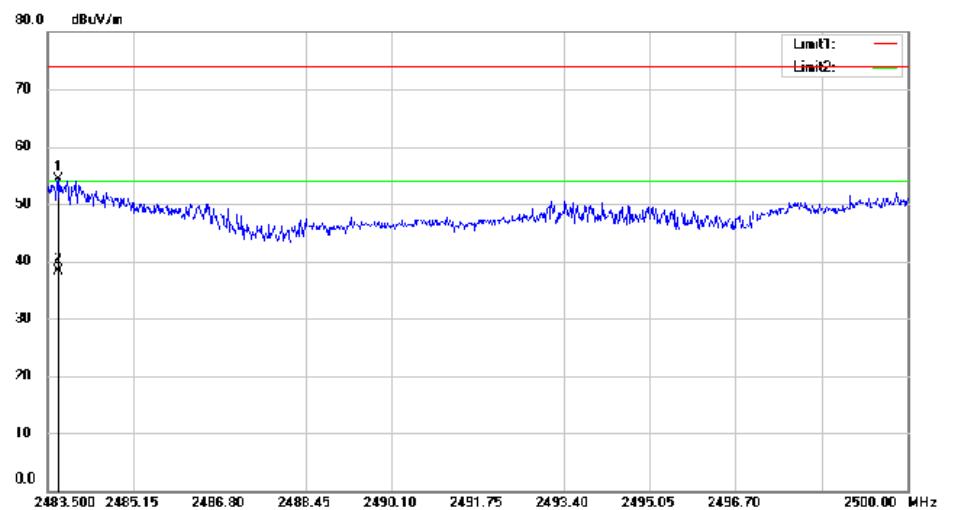


Radiated Emission Measurement

File :TUV

Data :#915

Date:2016/06/15



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: MID721-RB

Mode:11N 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2483.715	38.51	15.80	54.31	74.00	-19.69	peak	0	
2	*	2483.715	22.60	15.80	38.40	54.00	-15.60	AVG	0	

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

Operator: KK

File :TUV\Data .#915

Page: 1

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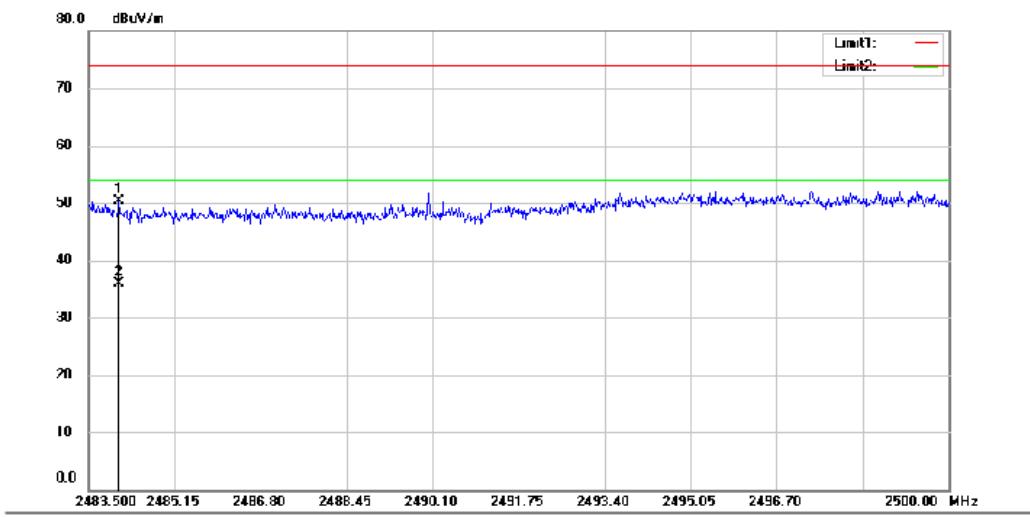

Access to the World

Radiated Emission Measurement

File :TUV

Data :#914

Date:2016/06/15



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: MID721-RB

Mode:11N 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2484.077	34.46	15.81	50.27	74.00	-23.73	peak	0	
2	*	2484.077	20.09	15.81	35.90	54.00	-18.10	AVG	0	

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

Operator: KK

File :TUV\Data :#914

Page: 1