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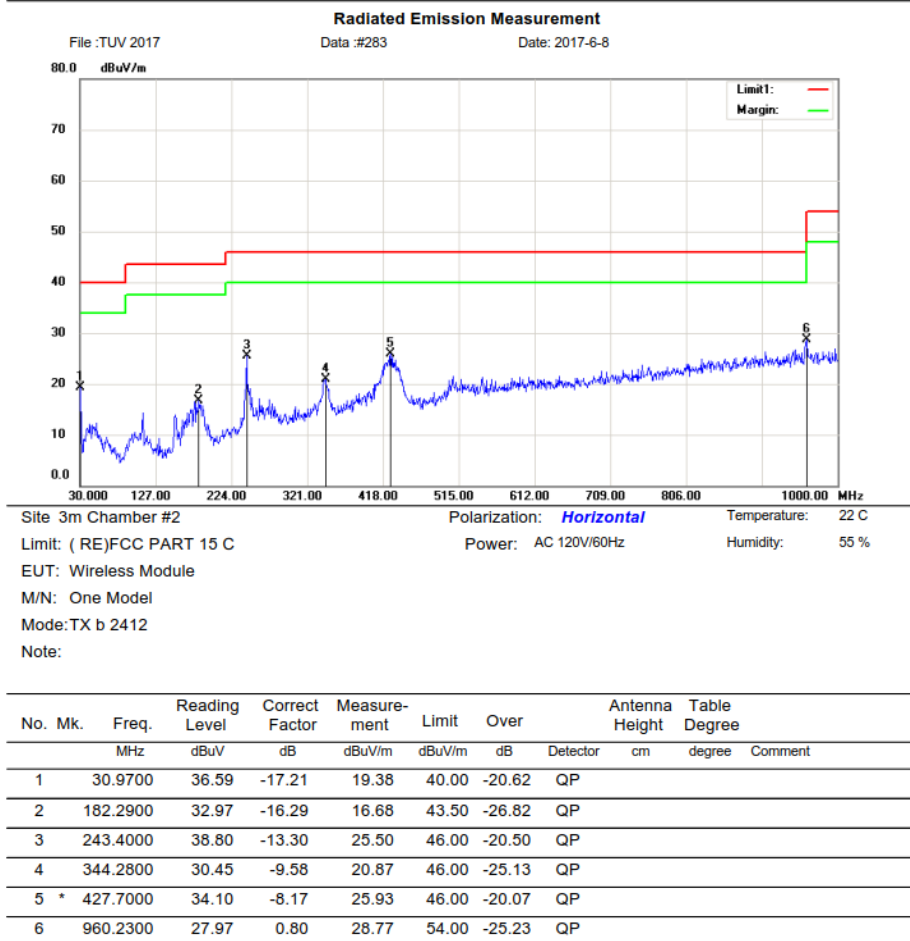
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1. Transmitter Spurious Emissions

Note 1: Testing was carried out within frequency range 9 kHz to the tenth harmonics. The measurement results below 30MHz and above 18GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

1.1 Transmitter Spurious Emissions, 30MHz - 1GHz

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

Operator: KK

File : TUV 2017 Data : #283

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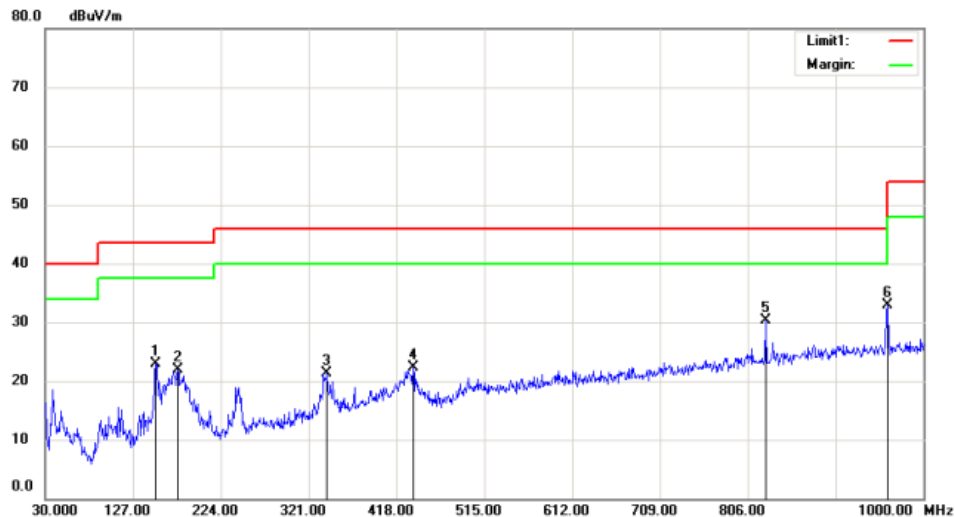


Radiated Emission Measurement

File :TUV 2017

Data :#284

Date: 2017-6-8



Site 3m Chamber #2

Polarization: **Vertical**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode:TX b 2412

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		152.2200	40.97	-18.09	22.88	43.50	-20.62	QP		
2		176.4700	38.40	-16.42	21.98	43.50	-21.52	QP		
3		341.3700	31.05	-9.69	21.36	46.00	-24.64	QP		
4		436.4300	30.30	-8.07	22.23	46.00	-23.77	QP		
5	*	825.4000	31.04	-0.77	30.27	46.00	-15.73	QP		
6		960.2300	32.03	0.80	32.83	54.00	-21.17	QP		

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

Operator: KK

File :TUV 2017\Data :#284

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Radiated Emission Measurement

File :TUV 2017

Data :#286

Date: 2017-6-5



Site 3m Chamber #2

Limit: (RE)FCC PART 15 C

EUT: Wireless Module

M/N: One Model

Mode:TX b 2437

Note:

Polarization: **Horizontal**

Temperature: 22 C

Power: AC 120V/60Hz

Humidity: 55 %

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		172.5900	39.84	-16.45	23.39	43.50	-20.11	QP		
2		243.4000	33.98	-13.30	20.68	46.00	-25.32	QP		
3		341.3700	31.49	-9.69	21.80	46.00	-24.20	QP		
4		411.2100	30.67	-8.34	22.33	46.00	-23.67	QP		
5	*	891.3600	30.80	0.03	30.83	46.00	-15.17	QP		
6		960.2300	30.36	0.80	31.16	54.00	-22.84	QP		

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

Operator: KK

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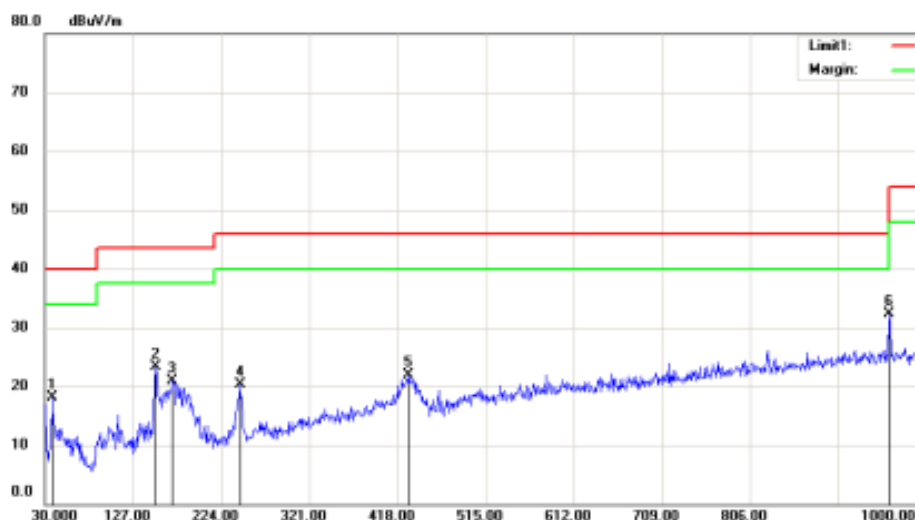


Radiated Emission Measurement

File :TUV 2017

Data :#285

Date: 2017-6-5



Site 3m Chamber #2

Limit: (RE)FCC PART 15 C

EUT: Wireless Module

M/N: One Model

Mode:TX b 2437

Note:

Polarization: **Vertical**

Temperature: 22 C

Power: AC 120V/60Hz

Humidity: 55 %

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		37.7600	32.96	-14.87	18.09	40.00	-21.91	QP		
2		152.2200	41.46	-18.09	23.37	43.50	-20.13	QP		
3		170.6500	37.34	-16.46	20.88	43.50	-22.62	QP		
4		245.3400	33.51	-13.29	20.22	46.00	-25.78	QP		
5		430.6100	30.14	-8.14	22.00	46.00	-24.00	QP		
6	*	959.2600	31.51	0.79	32.30	46.00	-13.70	QP		

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

Operator: KK

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Radiated Emission Measurement

File :TUV 2017

Data :#287

Date: 2017-6-5



Site 3m Chamber #2

Limit: (RE)FCC PART 15 C

EUT: Wireless Module

M/N: One Model

Mode:TX b 2462

Note:

Polarization: **Horizontal**

Temperature: 22 C

Power: AC 120V/60Hz

Humidity: 55 %

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		30.9700	34.88	-17.21	17.67	40.00	-22.33	QP		
2		183.2600	32.42	-16.25	16.17	43.50	-27.33	QP		
3		244.3700	38.95	-13.29	25.66	46.00	-20.34	QP		
4		342.3400	30.51	-9.65	20.86	46.00	-25.14	QP		
5	*	436.4300	35.07	-8.07	27.00	46.00	-19.00	QP		
6		960.2300	31.49	0.80	32.29	54.00	-21.71	QP		

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

Operator: KK

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Radiated Emission Measurement

File :TUV 2017

Data :#288

Date: 2017-6-5



Site 3m Chamber #2

Limit: (RE)FCC PART 15 C

EUT: Wireless Module

M/N: One Model

Mode:TX b 2462

Note:

Polarization: **Vertical**

Power: AC 120V/60Hz

Temperature: 22 C

Humidity: 55 %

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		38.7300	33.55	-14.50	19.05	40.00	-20.95	QP		
2	*	152.2200	42.93	-18.09	24.84	43.50	-18.66	QP		
3		244.3700	38.36	-13.29	25.07	46.00	-20.93	QP		
4		434.4900	29.90	-8.10	21.80	46.00	-24.20	QP		
5		804.0600	26.33	-1.03	25.30	46.00	-20.70	QP		
6		960.2300	28.50	0.80	29.30	54.00	-24.70	QP		

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

Operator: KK

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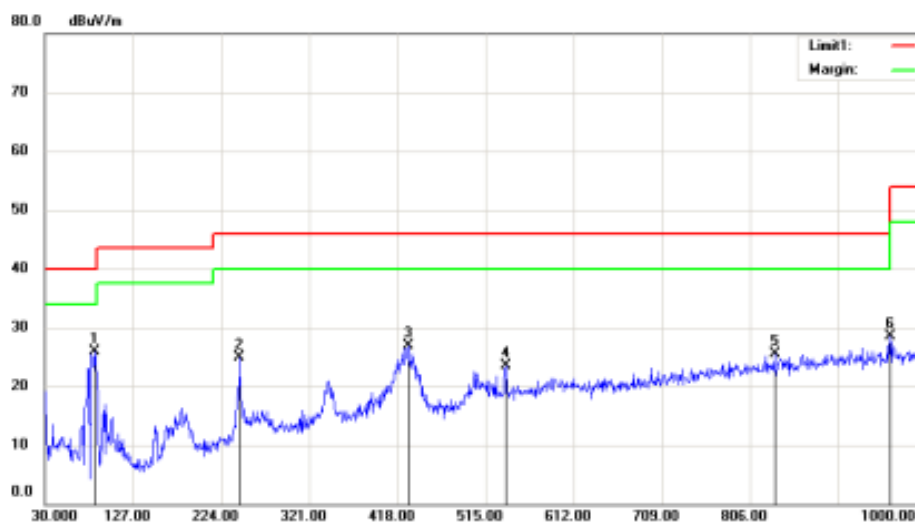


Radiated Emission Measurement

File :TUV 2017

Data :#290

Date: 2017-6-5



Site 3m Chamber #2

Limit: (RE)FCC PART 15 C

EUT: Wireless Module

M/N: One Model

Mode:TX g 2412

Note:

Polarization: **Horizontal**

Temperature: 22 C

Power: AC 120V/60Hz

Humidity: 55 %

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	*	85.2900	44.01	-18.10	25.91	40.00	-14.09	QP		
2		244.3700	38.28	-13.29	24.99	46.00	-21.01	QP		
3		429.6400	35.08	-8.14	26.94	46.00	-19.06	QP		
4		537.3100	29.46	-5.88	23.58	46.00	-22.42	QP		
5		833.1600	26.21	-0.67	25.54	46.00	-20.46	QP		
6		960.2300	27.63	0.80	28.43	54.00	-25.57	QP		

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

Operator: KK

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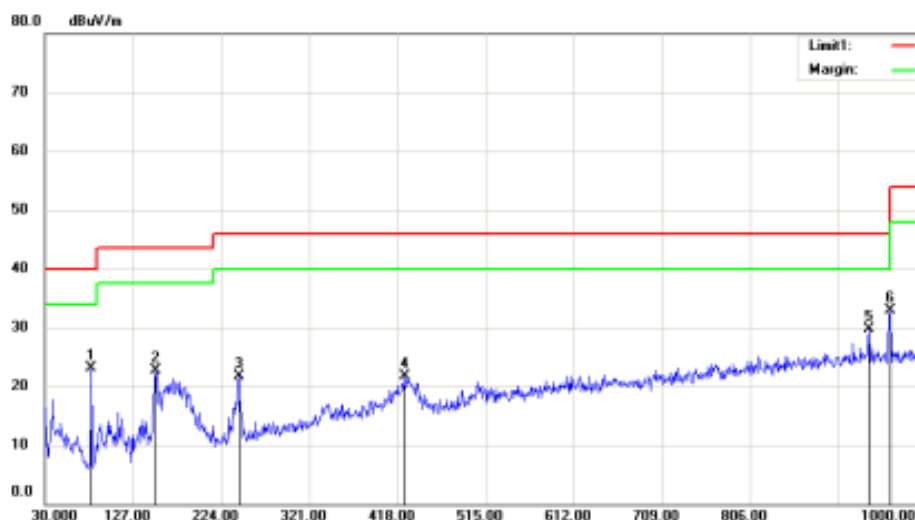


Radiated Emission Measurement

File :TUV 2017

Data :#289

Date: 2017-6-5



Site 3m Chamber #2

Limit: (RE)FCC PART 15 C

EUT: Wireless Module

M/N: One Model

Mode:TX g 2412

Note:

Polarization: **Vertical**

Temperature: 22 C

Power: AC 120V/60Hz

Humidity: 55 %

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		81.4100	42.26	-19.13	23.13	40.00	-16.87	QP		
2		152.2200	40.70	-18.09	22.61	43.50	-20.89	QP		
3		243.4000	34.91	-13.30	21.61	46.00	-24.39	QP		
4		426.7300	29.95	-8.18	21.77	46.00	-24.23	QP		
5	*	936.9500	29.11	0.55	29.66	46.00	-16.34	QP		
6		960.2300	32.06	0.80	32.86	54.00	-21.14	QP		

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

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Radiated Emission Measurement

File :TUV 2017

Data :#291

Date: 2017-6-5



Site 3m Chamber #2

Limit: (RE)FCC PART 15 C

EUT: Wireless Module

M/N: One Model

Mode:TX g 2437

Note:

Polarization: **Horizontal**

Temperature: 22 C

Power: AC 120V/60Hz

Humidity: 55 %

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	*	82.3800	48.64	-18.86	29.78	40.00	-10.22	QP		
2		244.3700	34.86	-13.29	21.57	46.00	-24.43	QP		
3		427.7000	33.44	-8.17	25.27	46.00	-20.73	QP		
4		475.2300	35.02	-7.34	27.68	46.00	-18.32	QP		
5		899.1200	25.47	0.12	25.59	46.00	-20.41	QP		
6		960.2300	26.84	0.80	27.64	54.00	-26.36	QP		

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

Operator: KK

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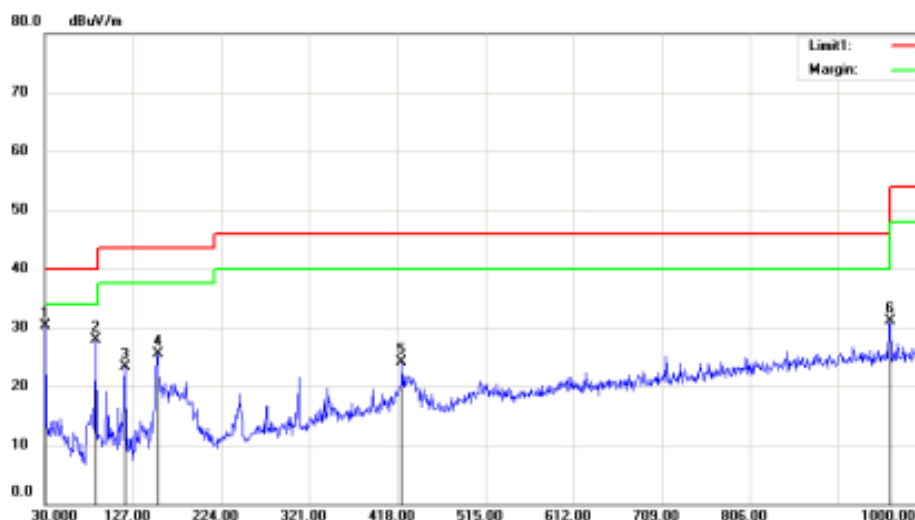


Radiated Emission Measurement

File :TUV 2017

Data :#292

Date: 2017-6-5



Site 3m Chamber #2

Limit: (RE)FCC PART 15 C

EUT: Wireless Module

M/N: One Model

Mode:TX g 2437

Note:

Polarization: **Vertical**

Temperature: 22 C

Power: AC 120V/60Hz

Humidity: 55 %

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	*	30.9700	47.55	-17.21	30.34	40.00	-9.66	QP		
2		86.2600	45.83	-17.95	27.88	40.00	-12.12	QP		
3		118.2700	39.43	-16.09	23.34	43.50	-20.16	QP		
4		154.1600	43.54	-18.00	25.54	43.50	-17.96	QP		
5		422.8500	32.26	-8.22	24.04	46.00	-21.96	QP		
6		960.2300	30.35	0.80	31.15	54.00	-22.85	QP		

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

Operator: KK

File :TUV 2017/Data :#292

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Radiated Emission Measurement

File :TUV 2017

Data :#294

Date: 2017-6-5



Site 3m Chamber #2

Limit: (RE)FCC PART 15 C

EUT: Wireless Module

M/N: One Model

Mode:TX g 2462

Note:

Polarization: **Horizontal**

Temperature: 22 C

Power: AC 120V/60Hz

Humidity: 55 %

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	*	200.7200	42.79	-15.22	27.57	43.50	-15.93	QP		
2		243.4000	35.54	-13.30	22.24	46.00	-23.76	QP		
3		423.8200	31.47	-8.20	23.27	46.00	-22.73	QP		
4		502.3900	30.46	-6.68	23.78	46.00	-22.22	QP		
5		713.8500	27.96	-2.65	25.31	46.00	-20.69	QP		
6		960.2300	34.96	0.80	35.76	54.00	-18.24	QP		

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

Operator: KK

File :TUV 2017/Data :#294

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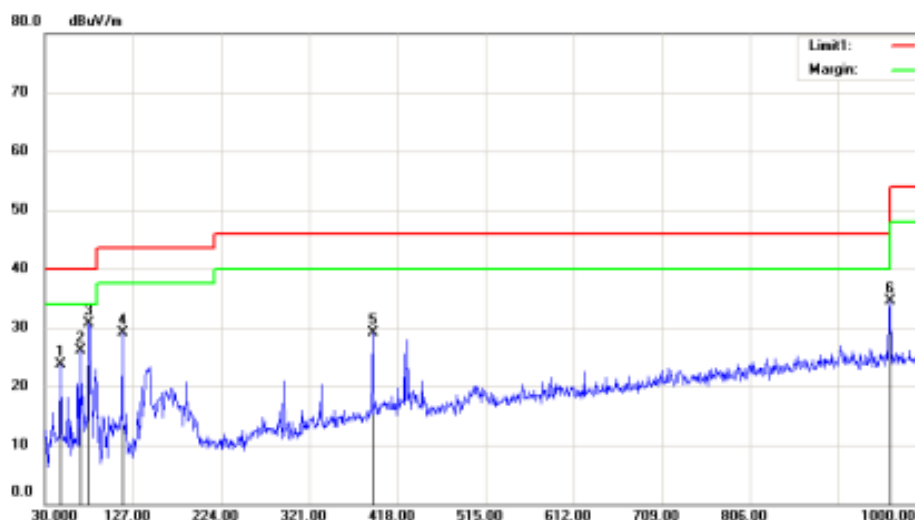


Radiated Emission Measurement

File :TUV 2017

Data :#293

Date: 2017-6-5



Site 3m Chamber #2

Limit: (RE)FCC PART 15 C

EUT: Wireless Module

M/N: One Model

Mode:TX g 2462

Note:

Polarization: **Vertical**

Temperature: 22 C

Power: AC 120V/60Hz

Humidity: 55 %

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		47.4600	36.80	-13.08	23.72	40.00	-16.28	QP		
2		68.8000	42.91	-16.78	26.13	40.00	-13.87	QP		
3	*	78.5000	49.82	-19.14	30.68	40.00	-9.32	QP		
4		115.3600	44.76	-15.74	29.02	43.50	-14.48	QP		
5		390.8400	37.82	-8.62	29.20	46.00	-16.80	QP		
6		960.2300	33.75	0.80	34.55	54.00	-19.45	QP		

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

Operator: KK

File :TUV 2017/Data :#293

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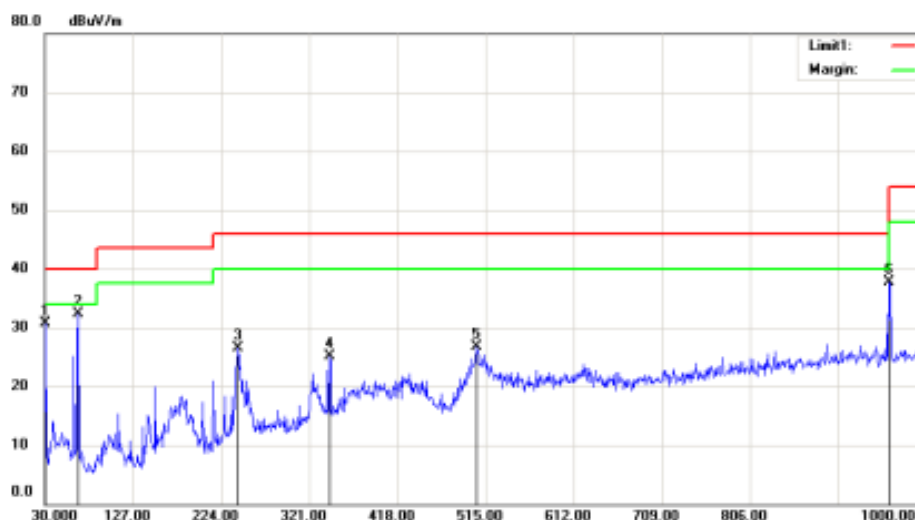


Radiated Emission Measurement

File :TUV 2017

Data :#295

Date: 2017-6-5



Site 3m Chamber #2

Limit: (RE)FCC PART 15 C

EUT: Wireless Module

M/N: One Model

Mode:TX n20 2412

Note:

Polarization: **Horizontal**

Temperature: 22 C

Power: AC 120V/60Hz

Humidity: 55 %

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		30.9700	47.94	-17.21	30.73	40.00	-9.27	QP		
2	*	66.8600	48.57	-16.19	32.38	40.00	-7.62	QP		
3		242.4300	39.75	-13.31	26.44	46.00	-19.56	QP		
4		343.3100	34.67	-9.61	25.06	46.00	-20.94	QP		
5		505.3000	33.30	-6.61	26.69	46.00	-19.31	QP		
6		959.2600	36.97	0.79	37.76	46.00	-8.24	QP		

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

Operator: KK

File :TUV 2017/Data :#295

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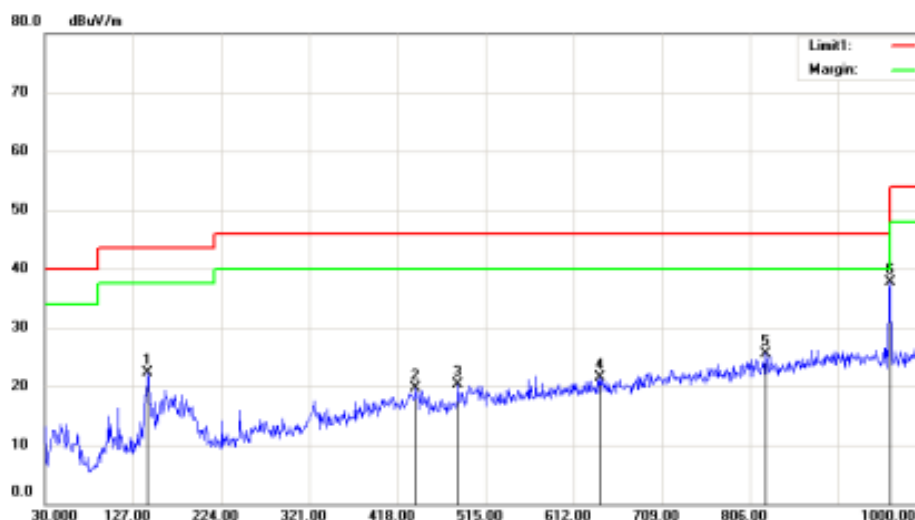


Radiated Emission Measurement

File :TUV 2017

Data :#296

Date: 2017-6-5



Site 3m Chamber #2

Limit: (RE)FCC PART 15 C

EUT: Wireless Module

M/N: One Model

Mode:TX n20 2412

Note:

Polarization: **Vertical**

Temperature: 22 C

Power: AC 120V/60Hz

Humidity: 55 %

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		143.4900	40.51	-18.24	22.27	43.50	-21.23	QP		
2		438.3700	27.81	-8.07	19.74	46.00	-26.26	QP		
3		484.9300	27.50	-7.10	20.40	46.00	-25.60	QP		
4		641.1000	25.25	-3.81	21.44	46.00	-24.56	QP		
5		823.4600	26.39	-0.79	25.60	46.00	-20.40	QP		
6	*	960.2300	36.90	0.80	37.70	54.00	-16.30	QP		

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

Operator: KK

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Radiated Emission Measurement

File :TUV 2017

Data :#298

Date: 2017-6-5



Site 3m Chamber #2

Limit: (RE)FCC PART 15 C

EUT: Wireless Module

M/N: One Model

Mode:TX n20 2437

Note:

Polarization: **Horizontal**

Temperature: 22 C

Power: AC 120V/60Hz

Humidity: 55 %

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	*	62.9800	38.88	-15.52	23.36	40.00	-16.64	QP		
2		210.4200	39.20	-14.65	24.55	43.50	-18.95	QP		
3		242.4300	40.30	-13.31	26.99	46.00	-19.01	QP		
4		429.6400	34.33	-8.14	26.19	46.00	-19.81	QP		
5		499.4800	30.96	-6.75	24.21	46.00	-21.79	QP		
6		960.2300	31.93	0.80	32.73	54.00	-21.27	QP		

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

Operator: KK

File :TUV 2017/Data :#298

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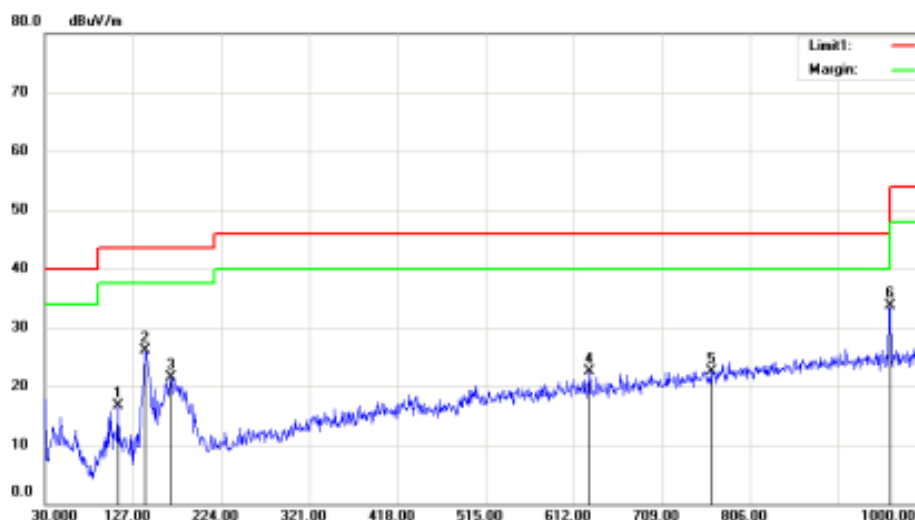


Radiated Emission Measurement

File :TUV 2017

Data :#297

Date: 2017-6-5



Site 3m Chamber #2

Limit: (RE)FCC PART 15 C

EUT: Wireless Module

M/N: One Model

Mode:TX n20 2437

Note:

Polarization: **Vertical**

Temperature: 22 C

Power: AC 120V/60Hz

Humidity: 55 %

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		110.5100	31.76	-15.13	16.63	43.50	-26.87	QP		
2	*	140.5800	44.43	-18.26	26.17	43.50	-17.33	QP		
3		168.7100	38.20	-16.63	21.57	43.50	-21.93	QP		
4		629.4600	26.55	-3.99	22.56	46.00	-23.44	QP		
5		763.3200	24.34	-1.75	22.59	46.00	-23.41	QP		
6		960.2300	32.85	0.80	33.65	54.00	-20.35	QP		

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

Operator: KK

File :TUV 2017/Data :#297

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Radiated Emission Measurement

File :TUV 2017

Data :#299

Date: 2017-6-5



Site 3m Chamber #2

Limit: (RE)FCC PART 15 C

EUT: Wireless Module

M/N: One Model

Mode:TX n20 2462

Note:

Polarization: **Horizontal**

Temperature: 22 C

Power: AC 120V/60Hz

Humidity: 55 %

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		69.7700	38.38	-17.08	21.30	40.00	-18.70	QP		
2		191.9900	45.21	-15.79	29.42	43.50	-14.08	QP		
3		228.8500	43.69	-13.51	30.18	46.00	-15.82	QP		
4		243.4000	42.77	-13.30	29.47	46.00	-16.53	QP		
5		378.2300	33.92	-8.84	25.08	46.00	-20.92	QP		
6	*	959.2600	35.11	0.79	35.90	46.00	-10.10	QP		

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

Operator: KK

File :TUV 2017/Data :#299

Page: 1

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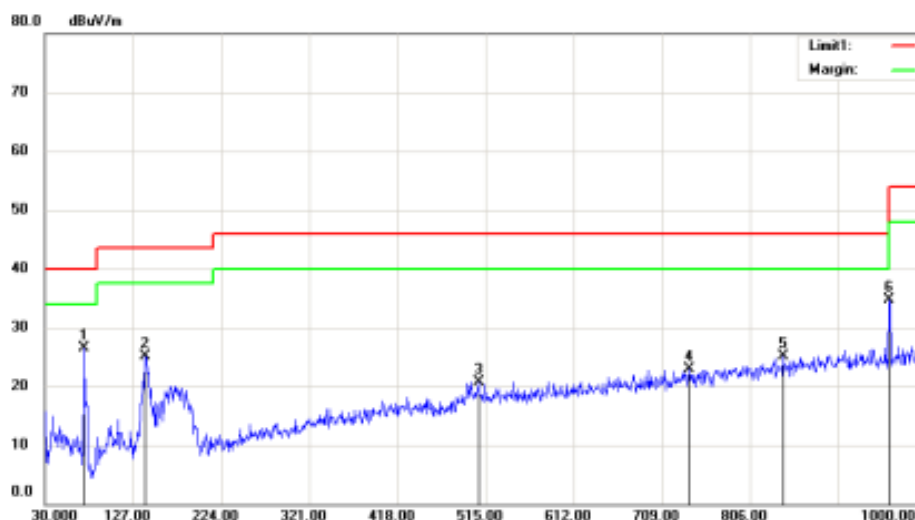


Radiated Emission Measurement

File :TUV 2017

Data :#300

Date: 2017-6-5



Site 3m Chamber #2

Limit: (RE)FCC PART 15 C

EUT: Wireless Module

M/N: One Model

Mode:TX n20 2462

Note:

Polarization: **Vertical**

Temperature: 22 C

Power: AC 120V/60Hz

Humidity: 55 %

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		73.6500	44.54	-17.98	26.56	40.00	-13.44	QP		
2		140.5800	43.31	-18.26	25.05	43.50	-18.45	QP		
3		507.2400	27.30	-6.57	20.73	46.00	-25.27	QP		
4		739.0700	25.03	-2.19	22.84	46.00	-23.16	QP		
5		842.8600	25.70	-0.55	25.15	46.00	-20.85	QP		
6	*	959.2600	33.87	0.79	34.66	46.00	-11.34	QP		

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

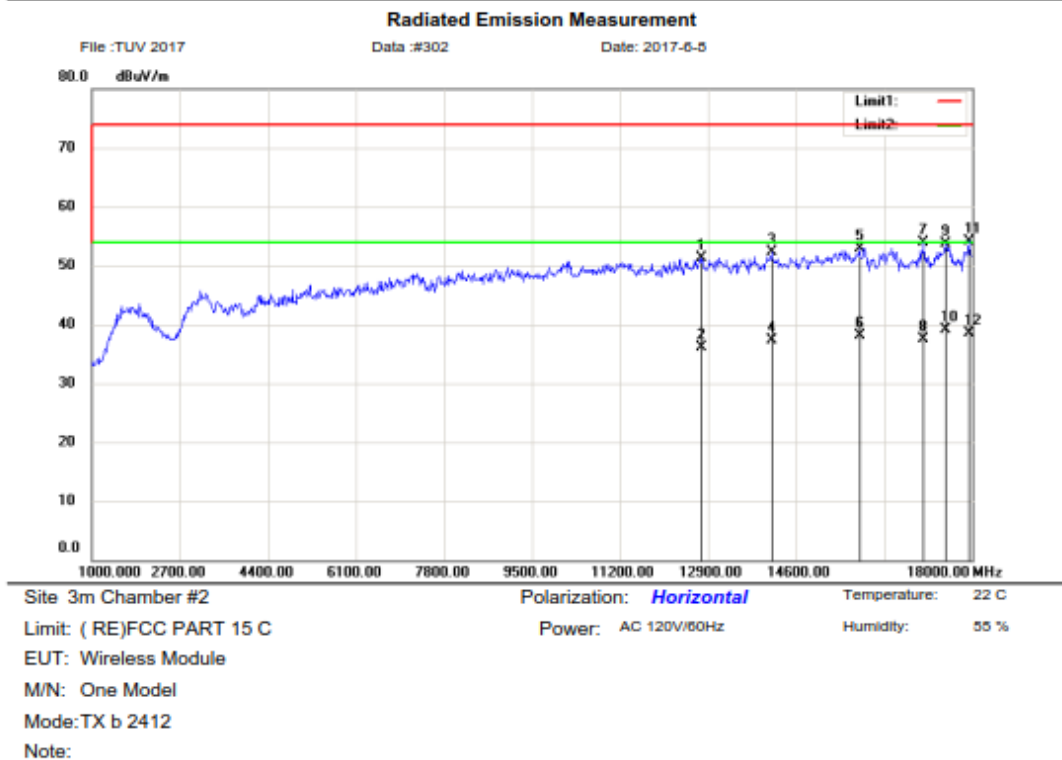
Operator: KK

File :TUV 2017/Data :#300

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1.2 Transmitter Spurious Emissions, 1GHz - 18GHz

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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		12764.00	39.94	11.28	51.22	74.00	-22.78	peak		
2		12764.00	24.92	11.28	36.20	54.00	-17.80	AVG		
3		14124.00	38.29	13.98	52.27	74.00	-21.73	peak		
4		14124.00	23.42	13.98	37.40	54.00	-16.60	AVG		
5		15824.00	42.55	10.45	53.00	74.00	-21.00	peak		
6		15824.00	27.65	10.45	38.10	54.00	-15.90	AVG		
7		17065.00	36.83	17.07	53.90	74.00	-20.10	peak		
8		17065.00	20.53	17.07	37.60	54.00	-16.40	AVG		
9		17490.00	35.95	17.67	53.62	74.00	-20.38	peak		
10	*	17490.00	21.43	17.67	39.10	54.00	-14.90	AVG		
11		17932.00	35.90	18.30	54.20	74.00	-19.80	peak		
12		17932.00	20.20	18.30	38.50	54.00	-15.50	AVG		

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

Operator: KK

File :TUV 2017\Data :#302

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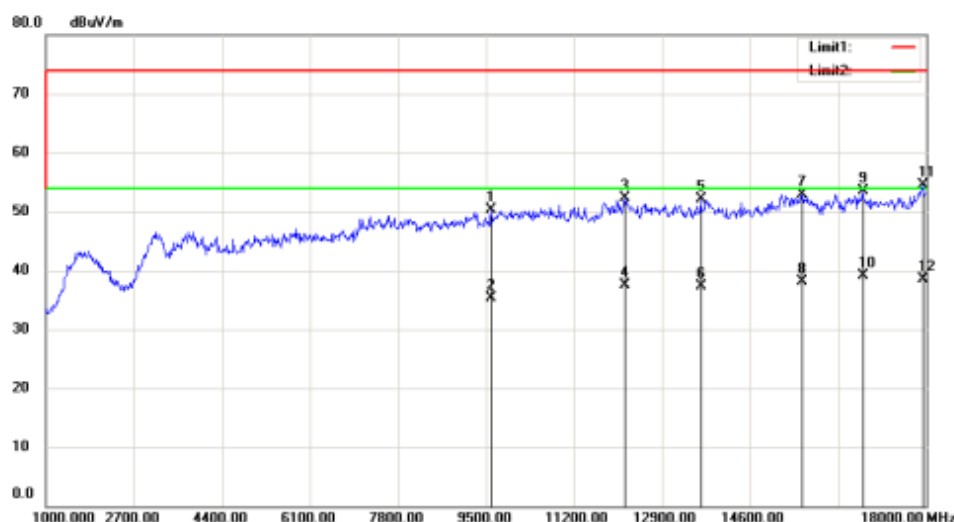


Radiated Emission Measurement

File :TUV 2017

Data :#301

Date: 2017-5-5



Site 3m Chamber #2

Polarization: **Vertical**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode:TX b 2412

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		9602.000	42.41	7.86	50.27	74.00	-23.73	peak		
2		9602.000	27.54	7.86	35.40	54.00	-18.60	AVG		
3		12186.00	40.88	11.41	52.29	74.00	-21.71	peak		
4		12186.00	26.19	11.41	37.60	54.00	-16.40	AVG		
5		13648.00	38.97	13.15	52.12	74.00	-21.88	peak		
6		13648.00	24.25	13.15	37.40	54.00	-16.60	AVG		
7		15603.00	42.01	10.99	53.00	74.00	-21.00	peak		
8		15603.00	27.21	10.99	38.20	54.00	-15.80	AVG		
9		16776.00	38.01	15.42	53.43	74.00	-20.57	peak		
10	*	16776.00	23.68	15.42	39.10	54.00	-14.90	AVG		
11		17932.00	36.18	18.30	54.48	74.00	-19.52	peak		
12		17932.00	20.20	18.30	38.50	54.00	-15.50	AVG		

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

Operator: KK

File :TUV 2017\Data :#301

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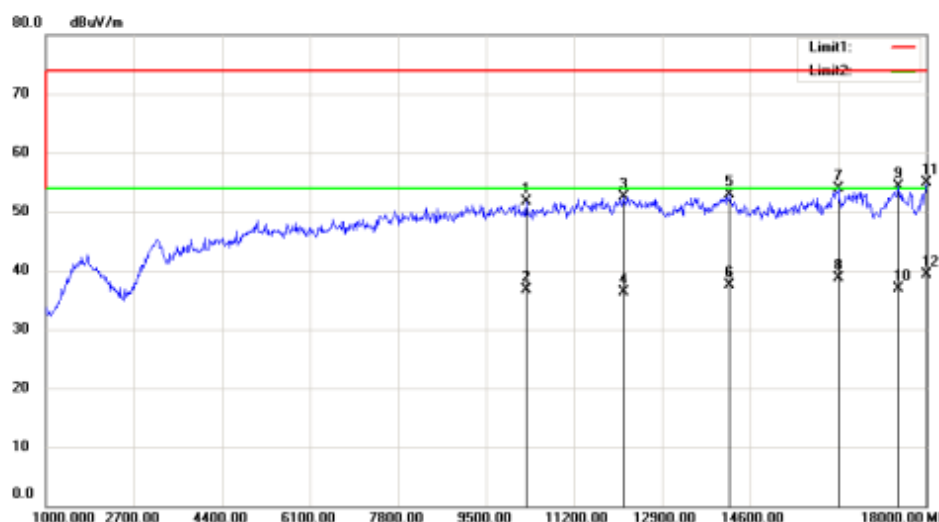


Radiated Emission Measurement

File :TUV 2017

Data :#304

Date: 2017-5-5



Site 3m Chamber #2

Polarization: **Horizontal**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode:TX b 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		10282.00	42.48	9.23	51.71	74.00	-22.29	peak		
2		10282.00	27.57	9.23	36.80	54.00	-17.20	AVG		
3		12152.00	41.16	11.42	52.58	74.00	-21.42	peak		
4		12152.00	24.98	11.42	36.40	54.00	-17.60	AVG		
5		14209.00	39.01	13.83	52.84	74.00	-21.16	peak		
6		14209.00	23.67	13.83	37.50	54.00	-16.50	AVG		
7		16300.00	41.80	12.11	53.91	74.00	-20.09	peak		
8		16300.00	26.69	12.11	38.80	54.00	-15.20	AVG		
9		17456.00	36.75	17.63	54.38	74.00	-19.62	peak		
10		17456.00	19.27	17.63	36.90	54.00	-17.10	AVG		
11		18000.00	36.50	18.39	54.89	74.00	-19.11	peak		
12	*	18000.00	20.91	18.39	39.30	54.00	-14.70	AVG		

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

Operator: KK

File :TUV 2017\Data :#304

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Appendix B

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Produkte
Products

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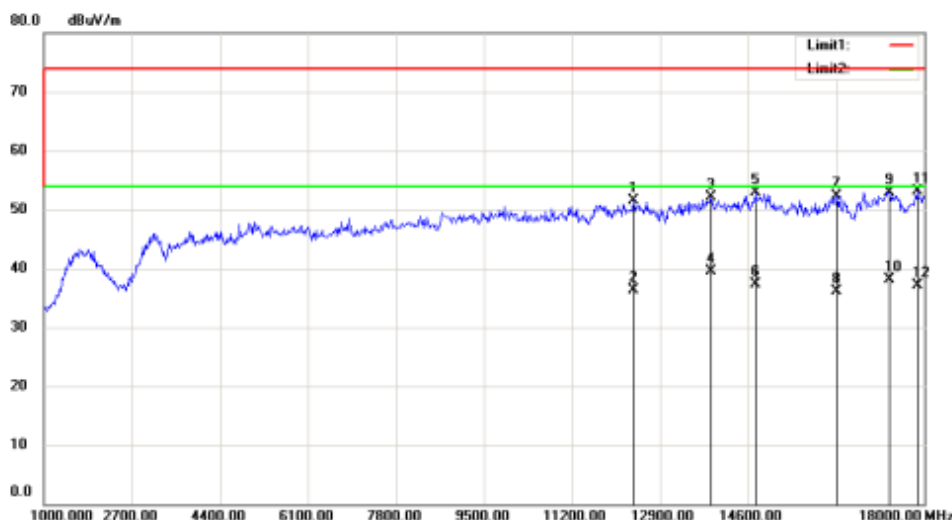


Radiated Emission Measurement

File :TUV 2017

Data :#303

Date: 2017-5-5



Site 3m Chamber #2

Polarization: **Vertical**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode:TX b 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		12390.00	40.10	11.37	51.47	74.00	-22.53	peak		
2		12390.00	24.93	11.37	36.30	54.00	-17.70	AVG		
3		13886.00	38.18	13.85	52.03	74.00	-21.97	peak		
4	*	13886.00	25.65	13.85	39.50	54.00	-14.50	AVG		
5		14736.00	39.90	12.92	52.82	74.00	-21.18	peak		
6		14736.00	24.48	12.92	37.40	54.00	-16.60	AVG		
7		16317.00	40.02	12.23	52.25	74.00	-21.75	peak		
8		16317.00	23.97	12.23	36.20	54.00	-17.80	AVG		
9		17320.00	35.56	17.44	53.00	74.00	-21.00	peak		
10		17320.00	20.76	17.44	38.20	54.00	-15.80	AVG		
11		17864.00	34.81	18.20	53.01	74.00	-20.99	peak		
12		17864.00	18.90	18.20	37.10	54.00	-16.90	AVG		

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

Operator: KK

File :TUV 2017\Data :#303

Page: 1

Appendix B

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Produkte
Products

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Radiated Emission Measurement

File :TUV 2017

Data :#306

Date: 2017-6-5



Site 3m Chamber #2

Polarization: **Horizontal**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode:TX b 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11676.00	40.53	11.24	51.77	74.00	-22.23	peak		
2		11676.00	24.56	11.24	35.80	54.00	-18.20	AVG		
3		12288.00	40.15	11.38	51.53	74.00	-22.47	peak		
4		12288.00	25.52	11.38	36.90	54.00	-17.10	AVG		
5		14124.00	38.05	13.98	52.03	74.00	-21.97	peak		
6		14124.00	23.22	13.98	37.20	54.00	-16.80	AVG		
7		15858.00	42.54	10.37	52.91	74.00	-21.09	peak		
8		15858.00	25.73	10.37	36.10	54.00	-17.90	AVG		
9		16606.00	38.81	14.25	53.06	74.00	-20.94	peak		
10	*	16606.00	24.65	14.25	38.90	54.00	-15.10	AVG		
11		17881.00	35.43	18.23	53.66	74.00	-20.34	peak		
12		17881.00	19.17	18.23	37.40	54.00	-16.60	AVG		

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

Operator: KK

File :TUV 2017\Data :#306

Page: 1

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Radiated Emission Measurement

File :TUV 2017

Data :#305

Date: 2017-6-5



Site 3m Chamber #2

Polarization: **Vertical**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode:TX b 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		9653.000	43.63	7.96	51.59	74.00	-22.41	peak		
2		9653.000	27.54	7.96	35.50	54.00	-18.50	AVG		
3		11234.00	40.69	10.96	51.65	74.00	-22.35	peak		
4		11234.00	25.34	10.96	36.30	54.00	-17.70	AVG		
5		14107.00	38.97	14.00	52.97	74.00	-21.03	peak		
6		14107.00	22.90	14.00	36.90	54.00	-17.10	AVG		
7		15008.00	40.34	12.45	52.79	74.00	-21.21	peak		
8		15008.00	23.65	12.45	36.10	54.00	-17.90	AVG		
9		16997.00	36.51	16.98	53.49	74.00	-20.51	peak		
10		16997.00	20.52	16.98	37.50	54.00	-16.50	AVG		
11		17592.00	35.90	17.82	53.72	74.00	-20.28	peak		
12	*	17592.00	20.38	17.82	38.20	54.00	-15.80	AVG		

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

Operator: KK

File :TUV 2017\Data :#305

Page: 1

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Radiated Emission Measurement

File :TUV 2017

Data :#307

Date: 2017-6-5



Site 3m Chamber #2

Polarization: **Horizontal**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode:TX g 2412

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11268.00	40.94	10.97	51.91	74.00	-22.09	peak		
2		11268.00	24.83	10.97	35.80	54.00	-18.20	AVG		
3		12815.00	41.05	11.27	52.32	74.00	-21.68	peak		
4		12815.00	25.23	11.27	36.50	54.00	-17.50	AVG		
5		13801.00	38.76	13.60	52.36	74.00	-21.64	peak		
6		13801.00	24.00	13.60	37.60	54.00	-16.40	AVG		
7		15756.00	42.85	10.62	53.47	74.00	-20.53	peak		
8		15756.00	26.78	10.62	37.40	54.00	-16.60	AVG		
9		16283.00	41.56	11.99	53.55	74.00	-20.45	peak		
10	*	16283.00	27.51	11.99	39.50	54.00	-14.50	AVG		
11		17898.00	36.71	18.25	54.96	74.00	-19.04	peak		
12		17898.00	19.95	18.25	38.20	54.00	-15.80	AVG		

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

Operator: KK

File :TUV 2017\Data :#307

Page: 1

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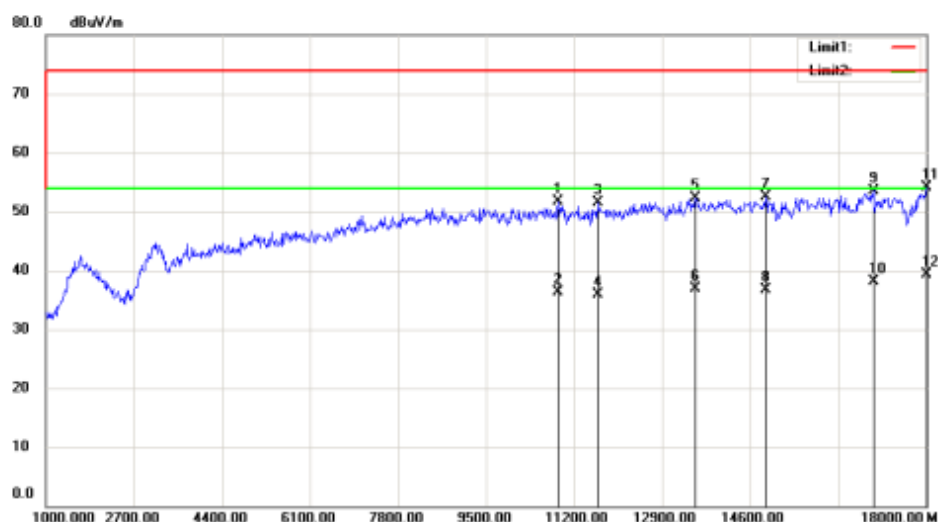


Radiated Emission Measurement

File :TUV 2017

Data :#308

Date: 2017-6-5



Site 3m Chamber #2

Polarization: **Vertical**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode:TX g 2412

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		10894.00	41.10	10.57	51.67	74.00	-22.33	peak		
2		10894.00	25.83	10.57	36.40	54.00	-17.60	AVG		
3		11659.00	40.25	11.23	51.48	74.00	-22.52	peak		
4		11659.00	24.67	11.23	35.90	54.00	-18.10	AVG		
5		13546.00	39.55	12.85	52.40	74.00	-21.60	peak		
6		13546.00	24.15	12.85	37.00	54.00	-17.00	AVG		
7		14906.00	39.93	12.62	52.55	74.00	-21.45	peak		
8		14906.00	24.18	12.62	36.80	54.00	-17.20	AVG		
9		16980.00	36.75	16.85	53.60	74.00	-20.40	peak		
10		16980.00	21.25	16.85	38.10	54.00	-15.90	AVG		
11		18000.00	35.81	18.39	54.20	74.00	-19.80	peak		
12	*	18000.00	20.91	18.39	39.30	54.00	-14.70	AVG		

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

Operator: KK

File :TUV 2017\Data :#308

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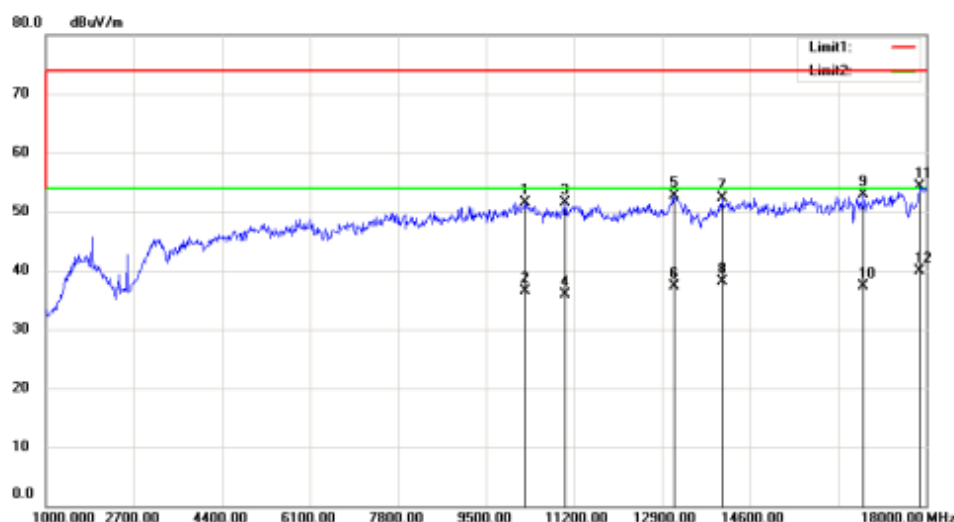


Radiated Emission Measurement

File :TUV 2017

Data :#310

Date: 2017-5-5



Site 3m Chamber #2

Polarization: **Horizontal**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode:TX g 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		10265.00	42.35	9.20	51.55	74.00	-22.45	peak		
2		10265.00	27.40	9.20	36.60	54.00	-17.40	AVG		
3		11030.00	40.75	10.82	51.57	74.00	-22.43	peak		
4		11030.00	25.08	10.82	35.90	54.00	-18.10	AVG		
5		13138.00	41.09	11.65	52.74	74.00	-21.26	peak		
6		13138.00	25.75	11.65	37.40	54.00	-16.60	AVG		
7		14056.00	38.23	14.09	52.32	74.00	-21.68	peak		
8		14056.00	24.01	14.09	38.10	54.00	-15.90	AVG		
9		16793.00	37.27	15.55	52.82	74.00	-21.18	peak		
10		16793.00	21.75	15.55	37.30	54.00	-16.70	AVG		
11		17864.00	36.12	18.20	54.32	74.00	-19.68	peak		
12	*	17864.00	21.70	18.20	39.90	54.00	-14.10	AVG		

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

Operator: KK

File :TUV 2017\Data :#310

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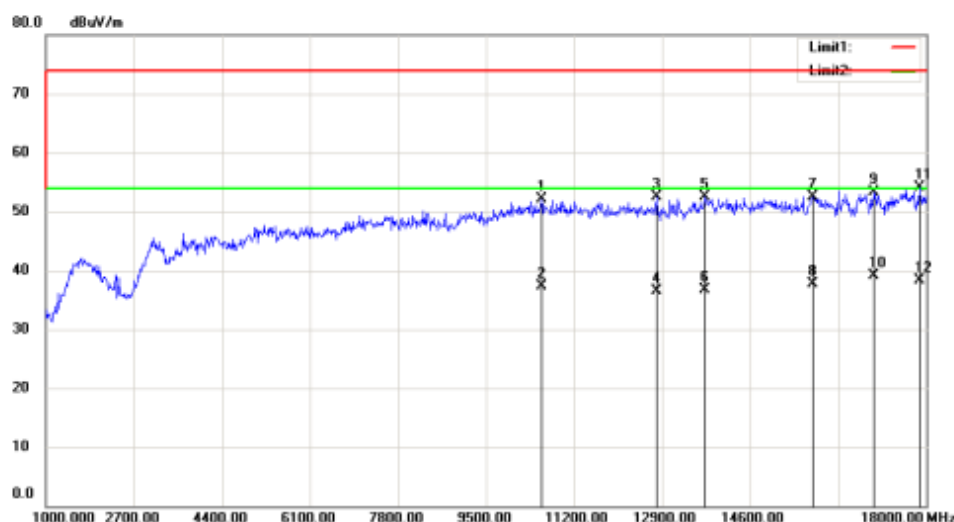


Radiated Emission Measurement

File :TUV 2017

Data :#309

Date: 2017-5-5



Site 3m Chamber #2

Polarization: **Vertical**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode:TX g 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		10571.00	42.22	9.87	52.09	74.00	-21.91	peak		
2		10571.00	27.53	9.87	37.40	54.00	-16.60	AVG		
3		12798.00	41.27	11.27	52.54	74.00	-21.46	peak		
4		12798.00	25.23	11.27	36.50	54.00	-17.50	AVG		
5		13733.00	39.00	13.41	52.41	74.00	-21.59	peak		
6		13733.00	23.29	13.41	36.70	54.00	-17.30	AVG		
7		15807.00	41.98	10.50	52.48	74.00	-21.52	peak		
8		15807.00	27.30	10.50	37.80	54.00	-16.20	AVG		
9		16980.00	36.37	16.85	53.22	74.00	-20.78	peak		
10	*	16980.00	22.35	16.85	39.20	54.00	-14.80	AVG		
11		17864.00	35.95	18.20	54.15	74.00	-19.85	peak		
12		17864.00	20.20	18.20	38.40	54.00	-15.60	AVG		

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

Operator: KK

File :TUV 2017\Data :#309

Page: 1

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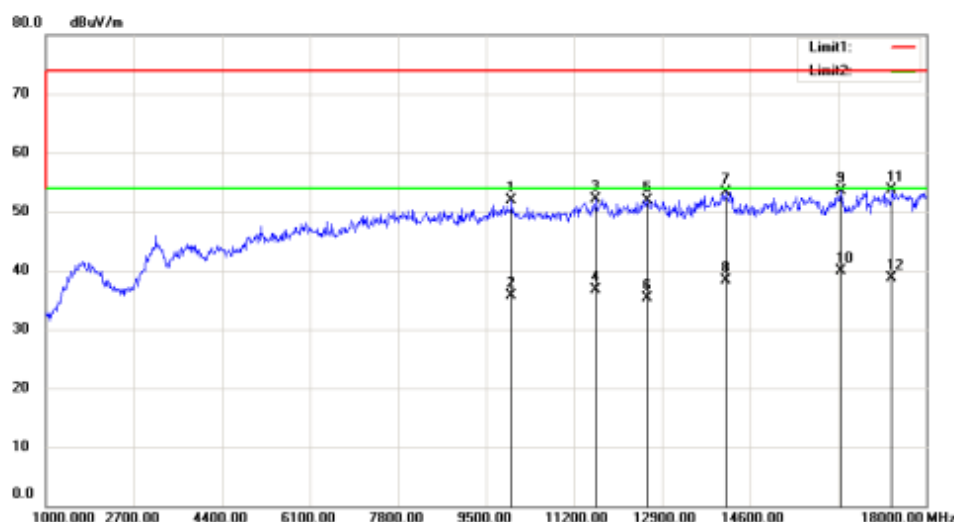


Radiated Emission Measurement

File :TUV 2017

Data :#311

Date: 2017-6-5



Site 3m Chamber #2

Polarization: **Horizontal**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode:TX g 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		9993.000	43.22	8.60	51.82	74.00	-22.18	peak		
2		9993.000	27.20	8.60	35.80	54.00	-18.20	AVG		
3		11608.00	40.99	11.19	52.18	74.00	-21.82	peak		
4		11608.00	25.51	11.19	36.70	54.00	-17.30	AVG		
5		12611.00	40.67	11.31	51.98	74.00	-22.02	peak		
6		12611.00	23.99	11.31	35.30	54.00	-18.70	AVG		
7		14124.00	39.42	13.98	53.40	74.00	-20.60	peak		
8		14124.00	24.42	13.98	38.40	54.00	-15.60	AVG		
9		16351.00	40.95	12.46	53.41	74.00	-20.59	peak		
10	*	16351.00	27.44	12.46	39.90	54.00	-14.10	AVG		
11		17337.00	36.19	17.46	53.65	74.00	-20.35	peak		
12		17337.00	21.24	17.46	38.70	54.00	-15.30	AVG		

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

Operator: KK

File :TUV 2017\Data :#311

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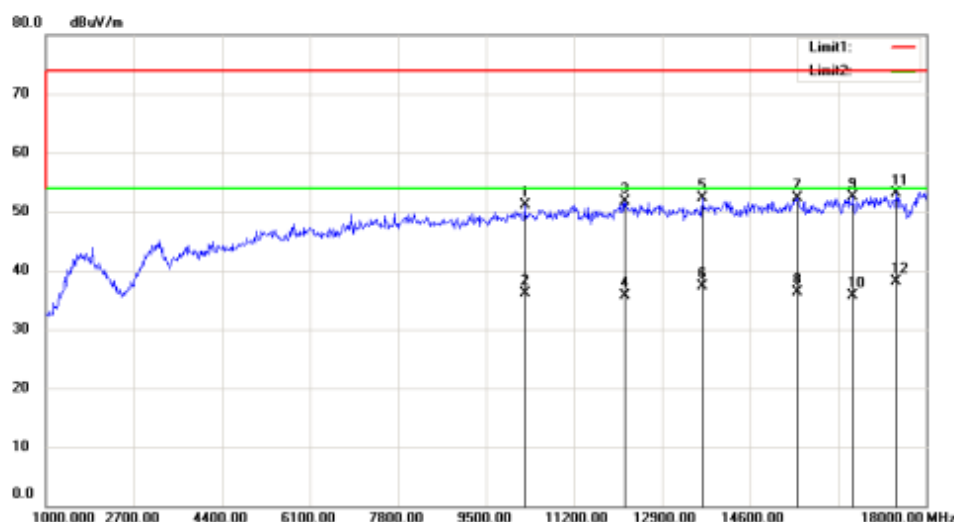


Radiated Emission Measurement

File :TUV 2017

Data :#312

Date: 2017-5-5



Site 3m Chamber #2

Polarization: **Vertical**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode:TX g 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		10248.00	42.00	9.16	51.16	74.00	-22.84	peak		
2		10248.00	27.04	9.16	36.20	54.00	-17.80	AVG		
3		12186.00	40.26	11.41	51.67	74.00	-22.33	peak		
4		12186.00	24.39	11.41	35.80	54.00	-18.20	AVG		
5		13682.00	39.11	13.25	52.36	74.00	-21.64	peak		
6		13682.00	24.15	13.25	37.40	54.00	-16.60	AVG		
7		15518.00	41.05	11.20	52.25	74.00	-21.75	peak		
8		15518.00	25.20	11.20	36.40	54.00	-17.60	AVG		
9		16589.00	38.46	14.13	52.59	74.00	-21.41	peak		
10		16589.00	21.67	14.13	35.80	54.00	-18.20	AVG		
11		17422.00	35.42	17.59	53.01	74.00	-20.99	peak		
12	*	17422.00	20.51	17.59	38.10	54.00	-15.90	AVG		

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

Operator: KK

File :TUV 2017\Data :#312

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Appendix B

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Produkte
Products

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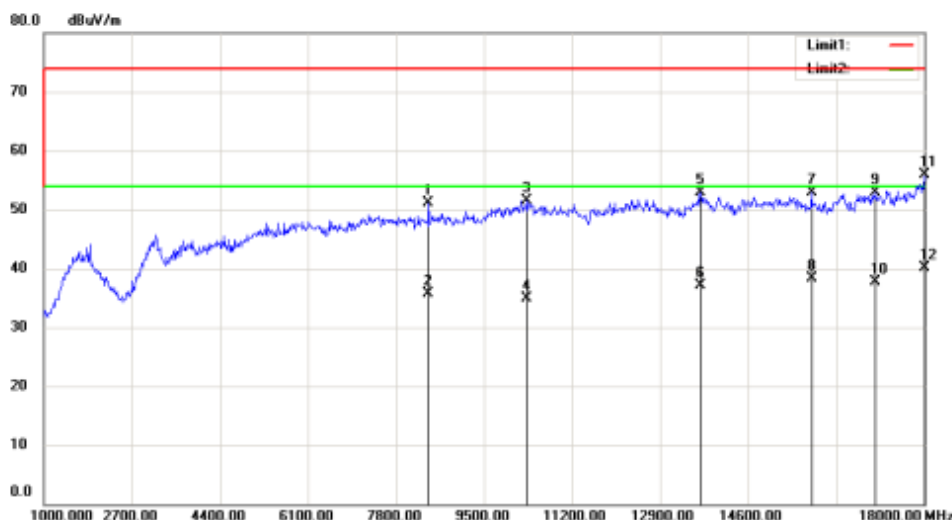


Radiated Emission Measurement

File :TUV 2017

Data :#314

Date: 2017-5-5



Site 3m Chamber #2

Polarization: **Horizontal**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode:TX n20 2412

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		8429.000	45.31	5.82	51.13	74.00	-22.87	peak		
2		8429.000	29.88	5.82	35.70	54.00	-18.30	AVG		
3		10316.00	42.24	9.31	51.55	74.00	-22.45	peak		
4		10316.00	25.59	9.31	34.90	54.00	-19.10	AVG		
5		13682.00	39.68	13.25	52.93	74.00	-21.07	peak		
6		13682.00	23.95	13.25	37.20	54.00	-16.80	AVG		
7		15824.00	42.47	10.45	52.92	74.00	-21.08	peak		
8		15824.00	27.85	10.45	38.30	54.00	-15.70	AVG		
9		17065.00	35.81	17.07	52.88	74.00	-21.12	peak		
10		17065.00	20.63	17.07	37.70	54.00	-16.30	AVG		
11		18000.00	37.53	18.39	55.92	74.00	-18.08	peak		
12	*	18000.00	21.71	18.39	40.10	54.00	-13.90	AVG		

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

Operator: KK

File :TUV 2017\Data :#314

Page: 1

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Radiated Emission Measurement

File :TUV 2017

Data :#313

Date: 2017-6-5



Site 3m Chamber #2

Polarization: **Vertical**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode:TX n20 2412

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		9976.000	41.99	8.57	50.56	74.00	-23.44	peak		
2		9976.000	26.23	8.57	34.80	54.00	-19.20	AVG		
3		11591.00	40.03	11.18	51.21	74.00	-22.79	peak		
4		11591.00	24.12	11.18	35.30	54.00	-18.70	AVG		
5		14039.00	38.13	14.12	52.25	74.00	-21.75	peak		
6		14039.00	23.38	14.12	37.50	54.00	-16.50	AVG		
7		15756.00	41.95	10.62	52.57	74.00	-21.43	peak		
8		15756.00	26.28	10.62	36.90	54.00	-17.10	AVG		
9		16708.00	38.84	14.96	53.80	74.00	-20.20	peak		
10	*	16708.00	23.44	14.96	38.40	54.00	-15.60	AVG		
11		17524.00	35.51	17.73	53.24	74.00	-20.76	peak		
12		17524.00	20.47	17.73	38.20	54.00	-15.80	AVG		

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

Operator: KK

File :TUV 2017\Data :#313

Page: 1

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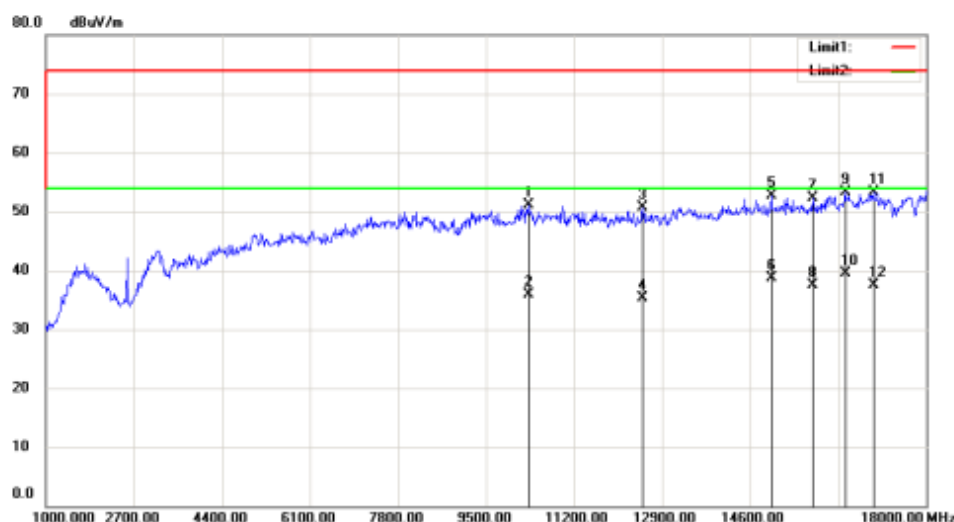


Radiated Emission Measurement

File :TUV 2017

Data :#315

Date: 2017-6-5



Site 3m Chamber #2

Polarization: **Horizontal**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode:TX n20 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		10316.00	41.76	9.31	51.07	74.00	-22.93	peak		
2		10316.00	26.59	9.31	35.90	54.00	-18.10	AVG		
3		12526.00	39.29	11.34	50.63	74.00	-23.37	peak		
4		12526.00	23.96	11.34	35.30	54.00	-18.70	AVG		
5		15008.00	40.22	12.45	52.67	74.00	-21.33	peak		
6		15008.00	26.35	12.45	38.80	54.00	-15.20	AVG		
7		15807.00	41.89	10.50	52.39	74.00	-21.61	peak		
8		15807.00	27.00	10.50	37.50	54.00	-16.50	AVG		
9		16436.00	40.30	13.07	53.37	74.00	-20.63	peak		
10	*	16436.00	26.53	13.07	39.60	54.00	-14.40	AVG		
11		16980.00	36.54	16.85	53.39	74.00	-20.61	peak		
12		16980.00	20.75	16.85	37.60	54.00	-16.40	AVG		

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

Operator: KK

File :TUV 2017\Data :#315

Page: 1

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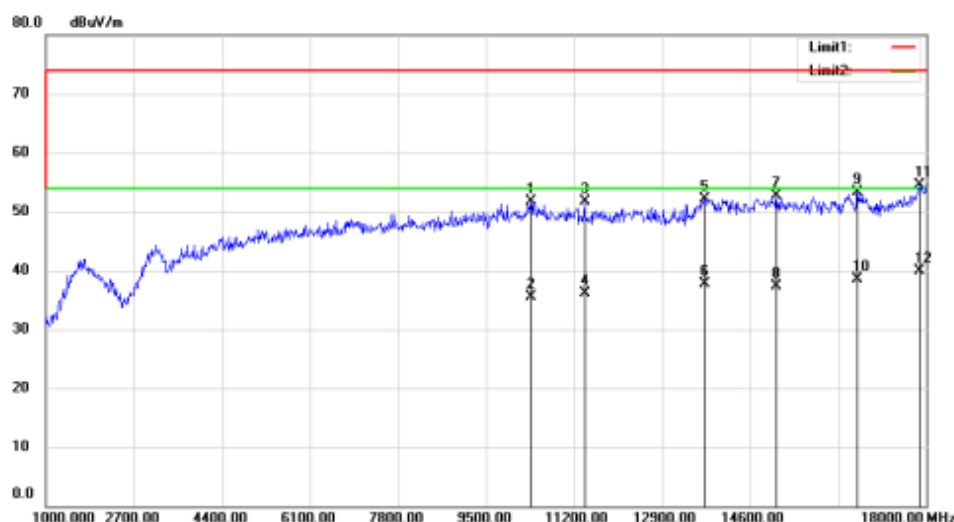


Radiated Emission Measurement

File :TUV 2017

Data :#316

Date: 2017-5-5



Site 3m Chamber #2

Polarization: **Vertical**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode:TX n20 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		10367.00	42.24	9.42	51.66	74.00	-22.34	peak		
2		10367.00	26.18	9.42	35.60	54.00	-18.40	AVG		
3		11404.00	40.54	11.07	51.61	74.00	-22.39	peak		
4		11404.00	25.03	11.07	36.10	54.00	-17.90	AVG		
5		13716.00	38.77	13.35	52.12	74.00	-21.88	peak		
6		13716.00	24.35	13.35	37.70	54.00	-16.30	AVG		
7		15110.00	40.53	12.20	52.73	74.00	-21.27	peak		
8		15110.00	25.20	12.20	37.40	54.00	-16.60	AVG		
9		16674.00	38.59	14.72	53.31	74.00	-20.69	peak		
10		16674.00	23.78	14.72	38.50	54.00	-15.50	AVG		
11		17881.00	36.18	18.23	54.41	74.00	-19.59	peak		
12	*	17881.00	21.67	18.23	39.90	54.00	-14.10	AVG		

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

Operator: KK

File :TUV 2017\Data :#316

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Products

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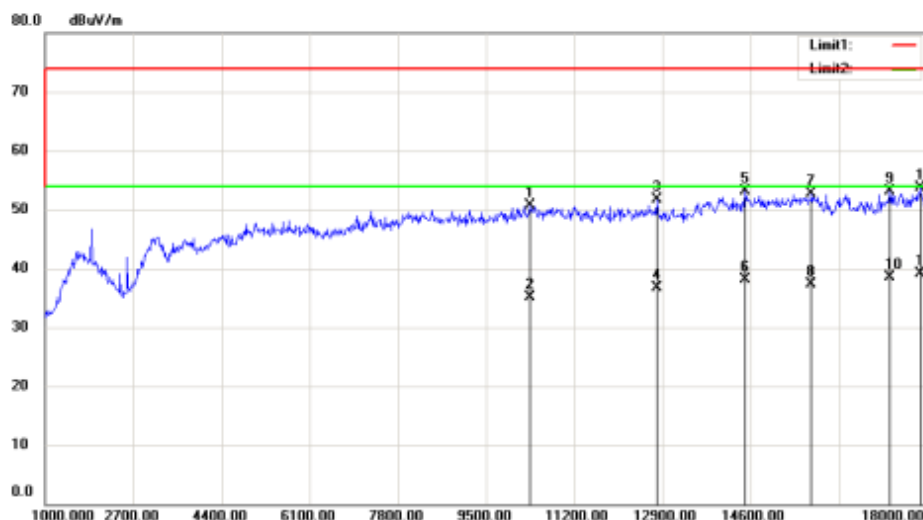


Radiated Emission Measurement

File :TUV 2017

Data :#315

Date: 2017-5-5



Site 3m Chamber #2

Polarization: **Horizontal**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode:TX n20 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		10350.00	41.37	9.39	50.76	74.00	-23.24	peak		
2		10350.00	25.81	9.39	35.20	54.00	-18.80	AVG		
3		12798.00	40.43	11.27	51.70	74.00	-22.30	peak		
4		12798.00	25.43	11.27	36.70	54.00	-17.30	AVG		
5		14498.00	39.83	13.33	53.16	74.00	-20.84	peak		
6		14498.00	24.87	13.33	38.20	54.00	-15.80	AVG		
7		15773.00	42.10	10.58	52.68	74.00	-21.32	peak		
8		15773.00	26.82	10.58	37.40	54.00	-16.60	AVG		
9		17286.00	35.63	17.39	53.02	74.00	-20.98	peak		
10		17286.00	21.11	17.39	38.50	54.00	-15.50	AVG		
11		17864.00	35.43	18.20	53.63	74.00	-20.37	peak		
12	*	17864.00	20.90	18.20	39.10	54.00	-14.90	AVG		

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

Operator: KK

File :TUV 2017\Data :#318

Page: 1

Appendix B 50089764 001



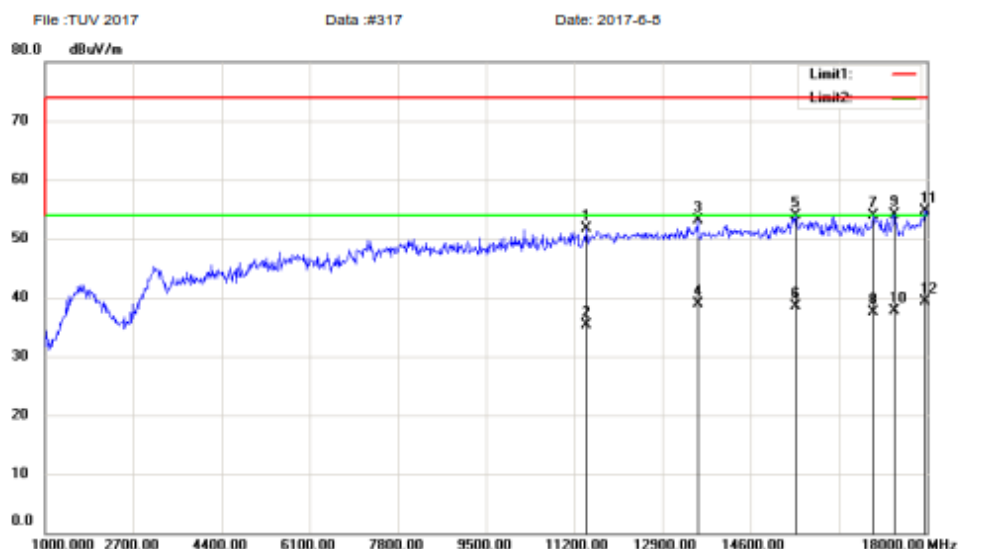
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Products

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Radiated Emission Measurement



Site: 3m Chamber #2 Polarization: **Vertical** Temperature: 22 C
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Wireless Module
M/N: One Model
Mode: TX n20 2462
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11438.00	40.54	11.08	51.62	74.00	-22.38	peak		
2		11438.00	24.22	11.08	35.30	54.00	-18.70	AVG		
3		13580.00	40.10	12.94	53.04	74.00	-20.96	peak		
4		13580.00	25.96	12.94	38.90	54.00	-15.10	AVG		
5		15467.00	42.63	11.33	53.96	74.00	-20.04	peak		
6		15467.00	27.17	11.33	38.50	54.00	-15.50	AVG		
7		16963.00	37.12	16.73	53.85	74.00	-20.15	peak		
8		16963.00	20.87	16.73	37.60	54.00	-16.40	AVG		
9		17371.00	36.60	17.51	54.11	74.00	-19.89	peak		
10		17371.00	20.29	17.51	37.80	54.00	-16.20	AVG		
11		17966.00	36.40	18.34	54.74	74.00	-19.26	peak		
12	*	17966.00	21.06	18.34	39.40	54.00	-14.60	AVG		

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

Operator: KK

File: TUV 2017\Data: #317

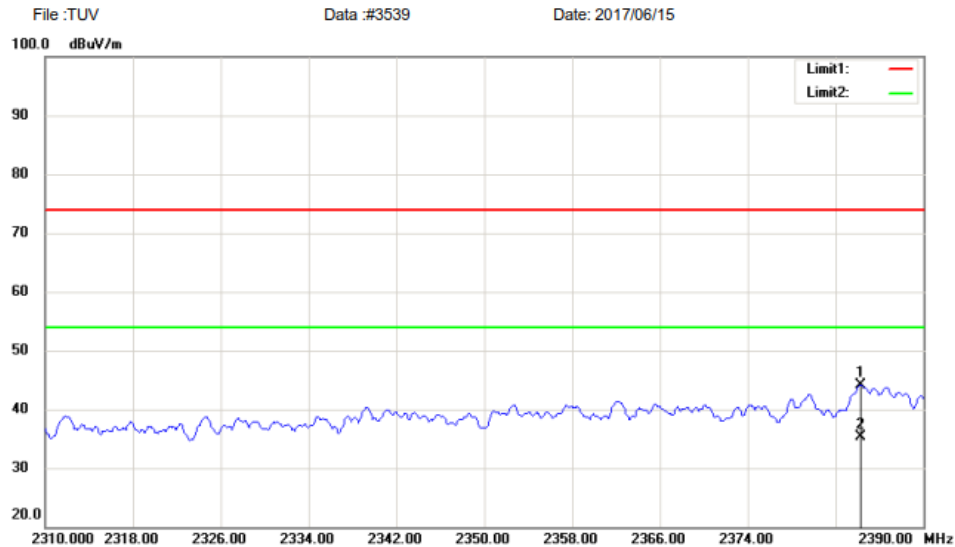
Page: 1

1.3 Restricted Bands

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Radiated Emission Measurement



Site 3m Chamber #2 Polarization: **Horizontal** Temperature: 22 C
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Wireless Module
M/N: One Model
Mode: 11b 2412
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2384.240	58.38	-14.25	44.13	74.00	-29.87	peak		
2	*	2384.240	49.45	-14.25	35.20	54.00	-18.80	AVG		

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

Operator: KK

File :TUV\Data :#3539

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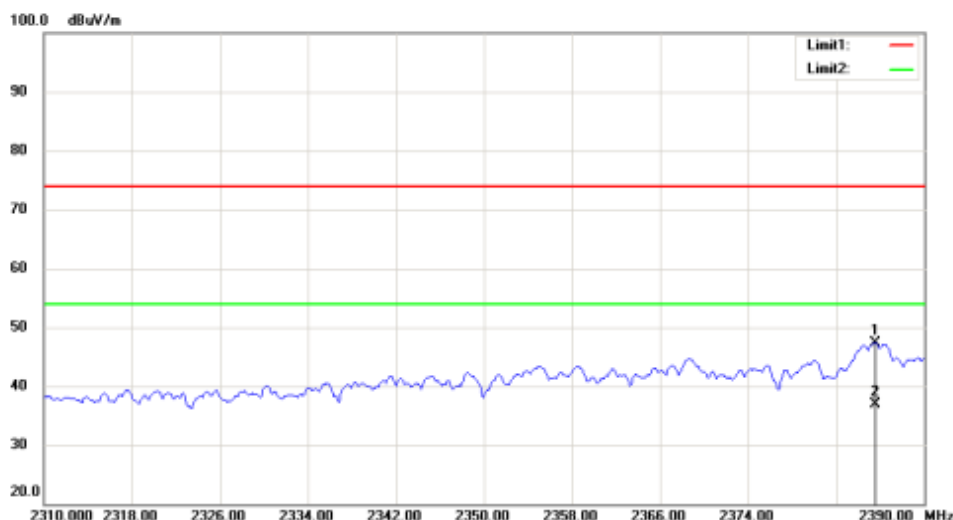


Radiated Emission Measurement

File :TUV

Data :#3540

Date: 2017/06/15



Site 3m Chamber #2

Polarization: **Vertical**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode:11b 2412

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2385.520	61.61	-14.25	47.36	74.00	-26.64	peak		
2	*	2385.520	51.15	-14.25	36.90	54.00	-17.10	AVG		

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

Operator: KK

File :TUVData :#3540

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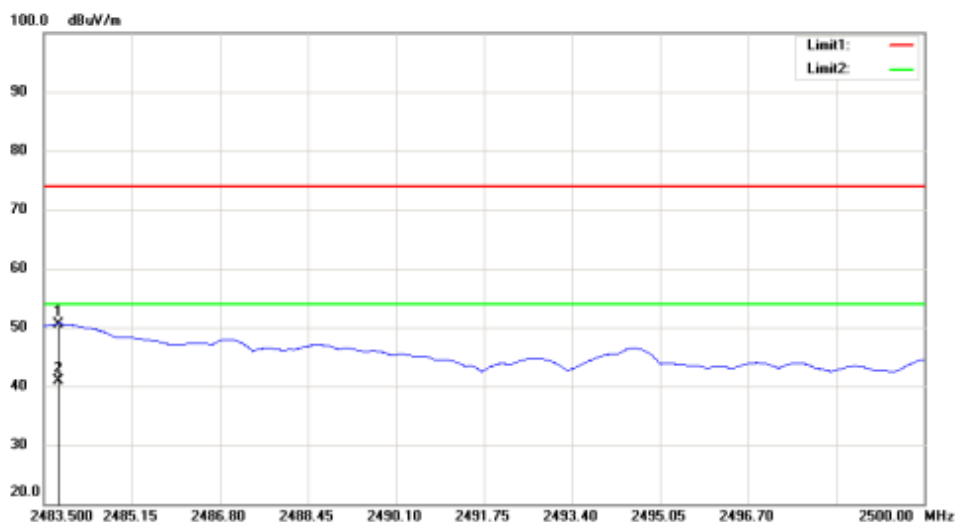


Radiated Emission Measurement

File :TUV

Data :#3553

Date: 2016-12-20



Site 3m Chamber #2

Polarization: **Horizontal**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode:11b 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2483.780	64.35	-13.75	50.60	74.00	-23.40	peak		
2	*	2483.780	54.75	-13.75	41.00	54.00	-13.00	AVG		

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

Operator: KK

File :TUV\Data :#3553

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Produkte
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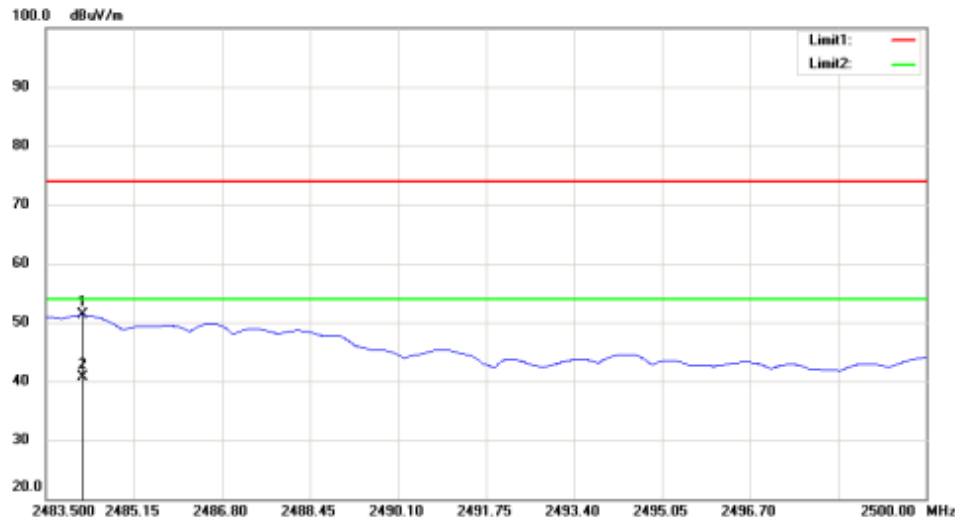


Radiated Emission Measurement

File :TUV

Data :#3554

Date: 2016-12-20



Site 3m Chamber #2

Polarization: **Vertical**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode:11b 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2484.177	64.96	-13.75	51.21	74.00	-22.79	peak		
2	*	2484.177	54.45	-13.75	40.70	54.00	-13.30	AVG		

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

Operator: KK

File :TUVData :#3554

Page: 1

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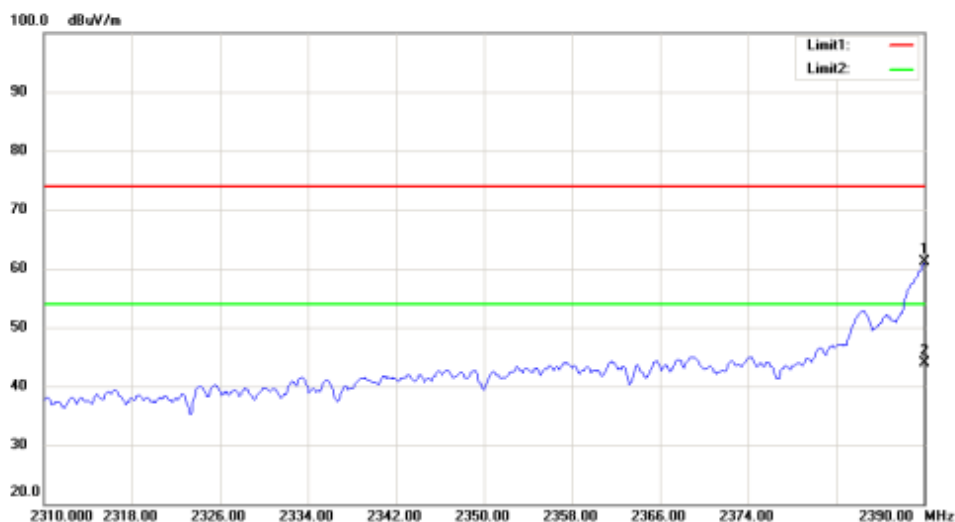


Radiated Emission Measurement

File :TUV

Data :#3542

Date: 2017/06/15



Site 3m Chamber #2

Polarization: **Horizontal**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

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		2390.000	75.25	-14.22	61.03	74.00	-12.97	peak		
2	*	2390.000	58.12	-14.22	43.90	54.00	-10.10	AVG		

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

Operator: KK

File :TUVData :#3542

Page: 1

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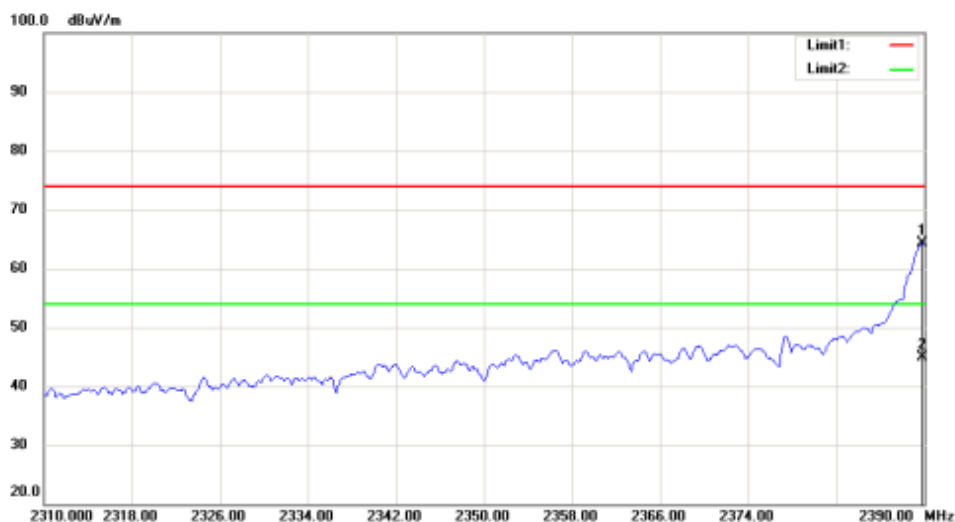


Radiated Emission Measurement

File :TUV

Data :#3541

Date: 2017/06/15



Site 3m Chamber #2

Polarization: **Vertical**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

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		2389.840	78.55	-14.22	64.33	74.00	-9.67	peak		
2	*	2389.840	59.12	-14.22	44.90	54.00	-9.10	AVG		

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

Operator: KK

File :TUVData :#3541

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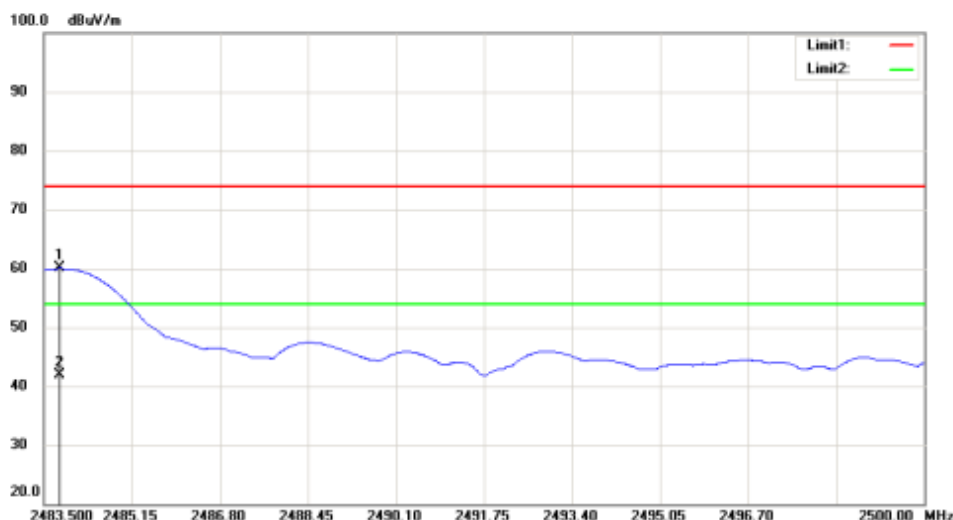


Radiated Emission Measurement

File :TUV

Data :#3552

Date: 2016-12-20



Site 3m Chamber #2

Polarization: **Horizontal**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode:11g 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2483.797	73.76	-13.75	60.01	74.00	-13.99	peak		
2	*	2483.797	55.65	-13.75	41.90	54.00	-12.10	AVG		

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

Operator: KK

File :TUV\Data :#3552

Page: 1

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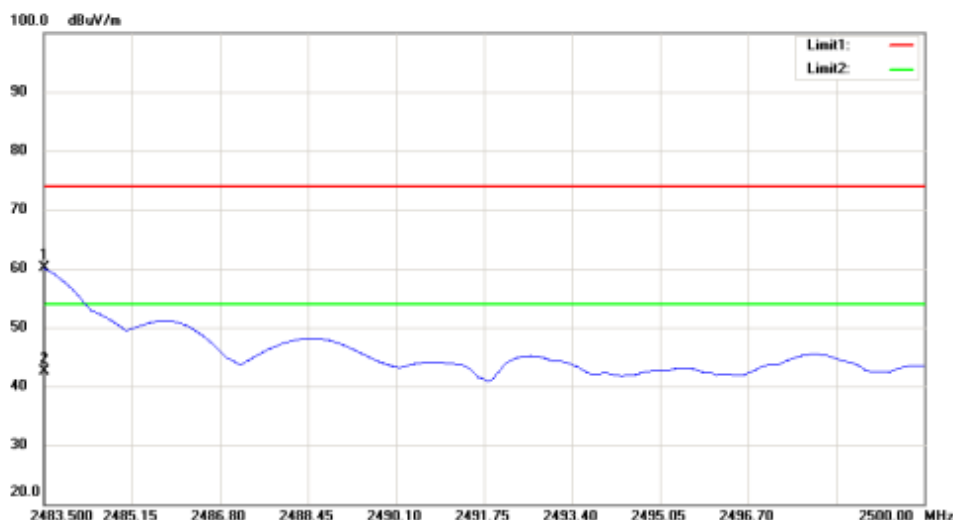


Radiated Emission Measurement

File :TUV

Data :#3551

Date: 2016-12-20



Site 3m Chamber #2

Polarization: **Vertical**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode:11g 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2483.500	73.81	-13.75	60.06	74.00	-13.94	peak		
2	*	2483.500	56.35	-13.75	42.60	54.00	-11.40	AVG		

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

Operator: KK

File :TUV\Data :#3551

Page: 1

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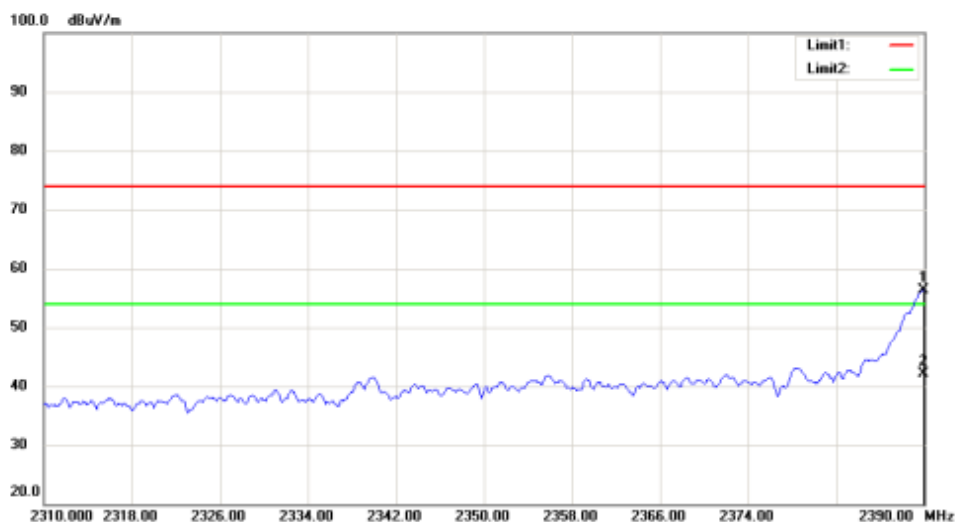


Radiated Emission Measurement

File :TUV

Data :#3544

Date: 2017/06/15



Site 3m Chamber #2

Polarization: **Horizontal**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode:11nH20 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		2389.920	70.50	-14.22	56.28	74.00	-17.72	peak		
2	*	2389.920	56.32	-14.22	42.10	54.00	-11.90	AVG		

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

Operator: KK

File :TUV\Data :#3544

Page: 1

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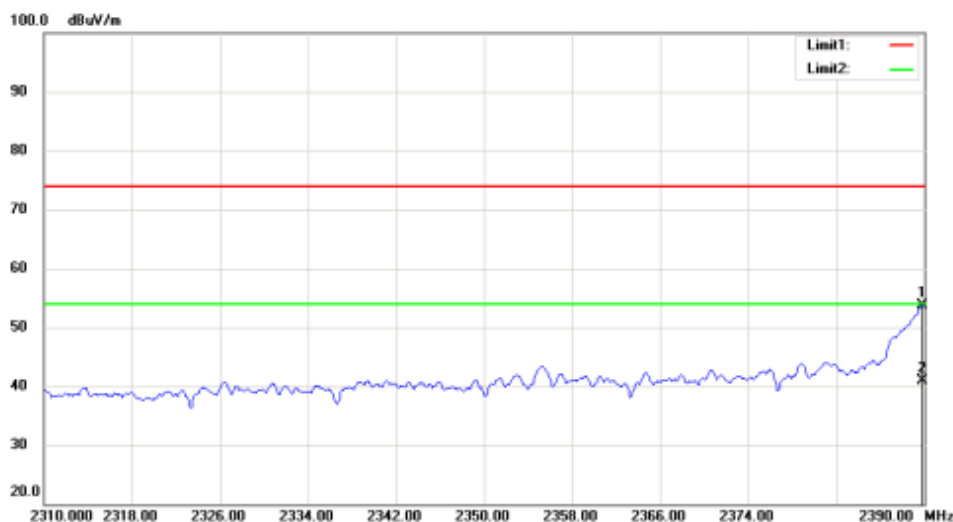


Radiated Emission Measurement

File :TUV

Data :#3543

Date: 2017/06/15



Site 3m Chamber #2

Polarization: **Vertical**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode:11nH20 2412

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2389.840	67.87	-14.22	53.65	74.00	-20.35	peak		
2	*	2389.840	55.22	-14.22	41.00	54.00	-13.00	AVG		

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

Operator: KK

File :TUVData :#3543

Page: 1

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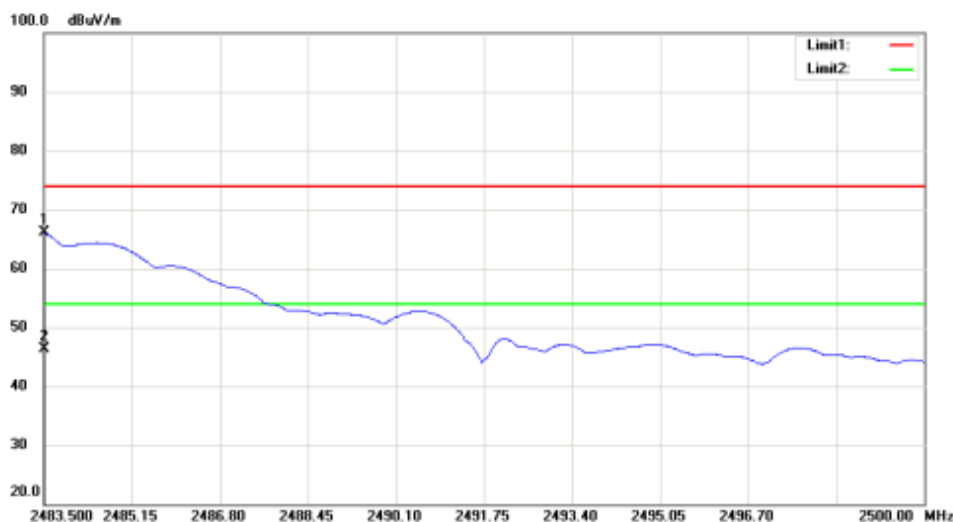


Radiated Emission Measurement

File :TUV

Data :#3550

Date: 2017/06/15



Site 3m Chamber #2

Polarization: **Horizontal**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode:11nH20 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2483.500	79.88	-13.75	66.13	74.00	-7.87	peak		
2	*	2483.500	60.05	-13.75	46.30	54.00	-7.70	AVG		

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

Operator: KK

File :TUV\Data :#3550

Page: 1

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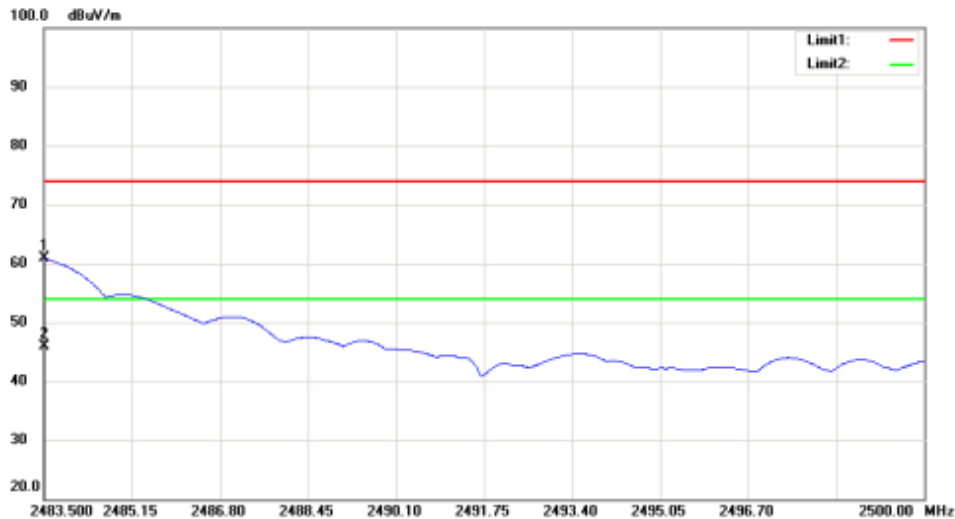


Radiated Emission Measurement

File :TUV

Data :#3549

Date: 2017/06/15



Site 3m Chamber #2

Polarization: **Vertical**

Temperature: 22 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode:11nH20 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2483.500	74.62	-13.75	60.87	74.00	-13.13	peak		
2	*	2483.500	59.65	-13.75	45.90	54.00	-8.10	AVG		

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

Operator: KK

File :TUVData :#3549

Page: 1

2. Conducted Emissions

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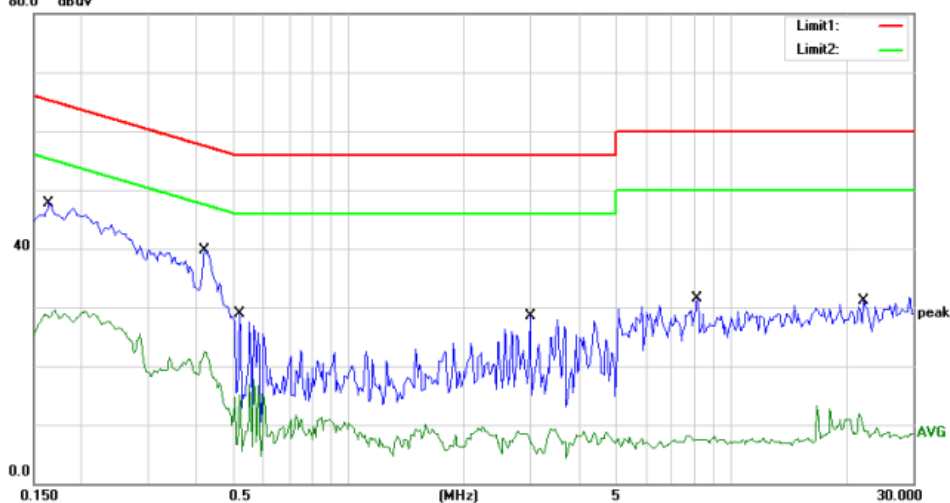


Conducted Emission Measurement

File : TUV
80.0 dBuV

Data : #2793

Date: 17/06/28/



Site Conduction #1

Phase: L1

Temperature: 22C

Limit: (CE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode: Wifi ON

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1650	47.64	0.00	47.64	65.21	-17.57	QP	
2		0.1650	29.54	0.00	29.54	55.21	-25.67	AVG	
3		0.4200	39.80	0.00	39.80	57.45	-17.65	QP	
4		0.4200	22.46	0.00	22.46	47.45	-24.99	AVG	
5		0.5200	28.82	0.00	28.82	56.00	-27.18	QP	
6		0.5200	17.90	0.00	17.90	46.00	-28.10	AVG	
7		2.9800	28.56	0.00	28.56	56.00	-27.44	QP	
8		2.9800	9.30	0.00	9.30	46.00	-36.70	AVG	
9		8.1600	31.42	0.00	31.42	60.00	-28.58	QP	
10		8.1600	8.18	0.00	8.18	50.00	-41.82	AVG	
11		22.2600	31.04	0.00	31.04	60.00	-28.96	QP	
12		22.2600	11.96	0.00	11.96	50.00	-38.04	AVG	

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

File : TUVData :#2793

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Appendix B

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Produkte
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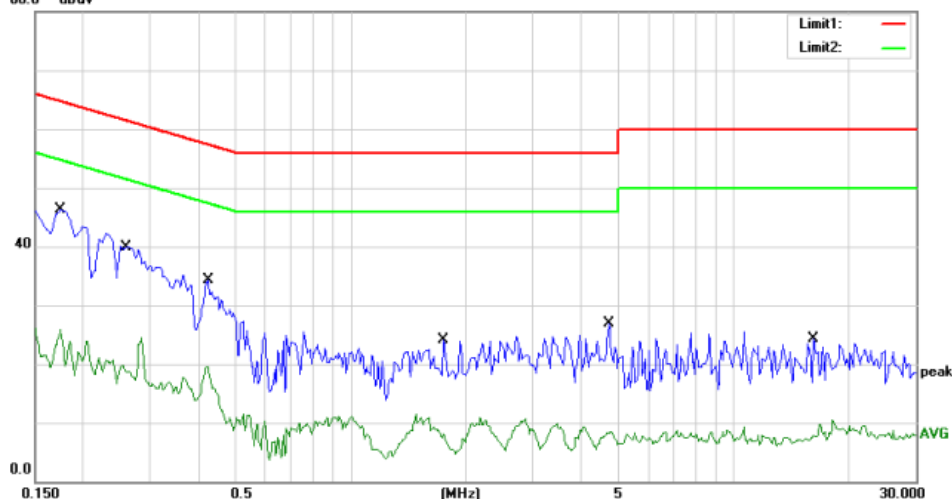


Conducted Emission Measurement

File: TUV
80.0 dBuV

Data: #2794

Date: 17/06/28/



Site: Conduction #1

Phase: N

Temperature: 22C

Limit: (CE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Wireless Module

M/N: One Model

Mode: Wifi ON

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1750	46.26	0.00	46.26	64.72	-18.46	QP	
2		0.1750	26.08	0.00	26.08	54.72	-28.64	AVG	
3		0.2600	39.99	0.00	39.99	61.43	-21.44	QP	
4		0.2600	24.52	0.00	24.52	51.43	-26.91	AVG	
5		0.4250	34.28	0.00	34.28	57.35	-23.07	QP	
6		0.4250	19.59	0.00	19.59	47.35	-27.76	AVG	
7		1.7500	24.10	0.00	24.10	56.00	-31.90	QP	
8		1.7500	10.89	0.00	10.89	46.00	-35.11	AVG	
9		4.7350	27.00	0.00	27.00	56.00	-29.00	QP	
10		4.7350	8.59	0.00	8.59	46.00	-37.41	AVG	
11		16.1900	24.26	0.00	24.26	60.00	-35.74	QP	
12		16.1900	10.60	0.00	10.60	50.00	-39.40	AVG	

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

File: TUVData: #2794

Page: 1