

Appendix B

Bluetooth 4.2 (Dual mode) of Radiated Spurious Emissions and Conducted Emissions on AC Mains

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NOTE

During the pretest the EUT was rotated through three orthogonal axes to determine the attitude that maximizes the emissions. After that the EUT was manually handled to find the orientation that has the maximum emission, which is the orientation shown in the test set-up photos.

All the tested emissions from 9KHz to 30MHz are far below the limit with floor noise and not reported.

Appendix B.1: Test Plots of Radiated Spurious Emission

30MHz - 1GHz, EDR mode

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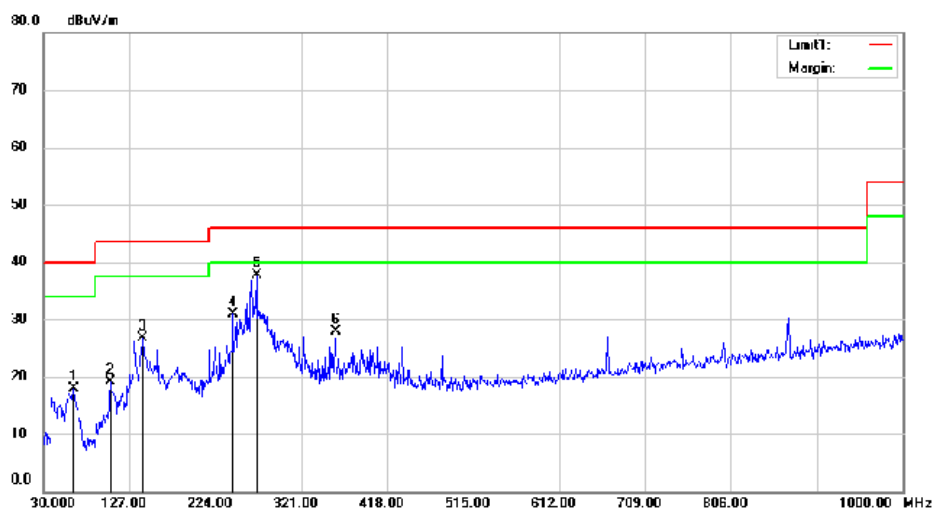


Radiated Emission Measurement

File :TUV

Data :#2366

Date: 16/10/08/



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:8DPSK 2441

Note:

No. Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	63.9500	34.22	-16.30	17.92	40.00	-22.08	QP		
2	105.6600	34.35	-15.32	19.03	43.50	-24.47	QP		
3	141.5500	45.66	-19.05	26.61	43.50	-16.89	QP		
4	243.4000	44.63	-13.70	30.93	46.00	-15.07	QP		
5 *	270.5600	50.33	-12.62	37.71	46.00	-8.29	QP		
6	359.8000	38.45	-10.55	27.90	46.00	-18.10	QP		

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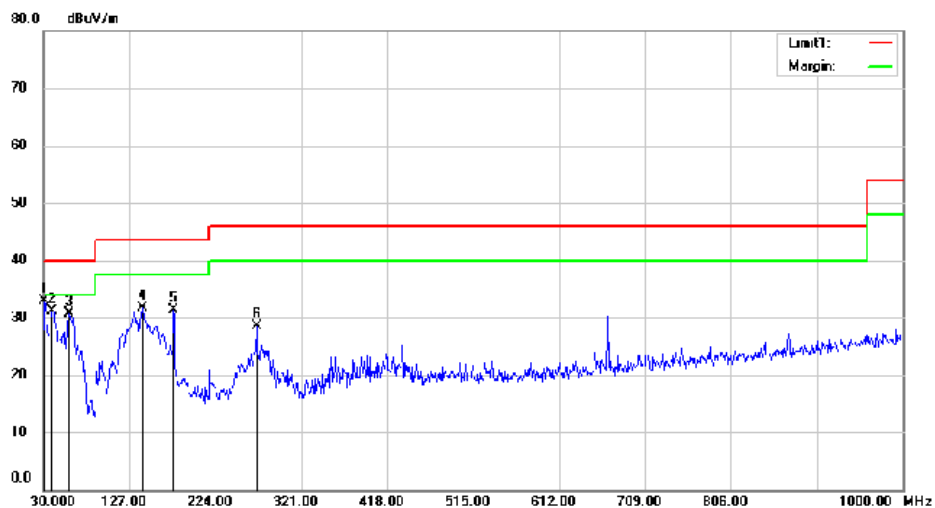
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Radiated Emission Measurement

File :TUV

Data :#2365

Date: 16/10/08/



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:8DPSK 2441

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	30.9700	50.65	-17.71	32.94	40.00	-7.06	QP		
2		39.7000	46.04	-14.84	31.20	40.00	-8.80	QP		
3		59.1000	46.33	-15.59	30.74	40.00	-9.26	QP		
4		141.5500	50.74	-19.05	31.69	43.50	-11.81	QP		
5		176.4700	48.53	-17.15	31.38	43.50	-12.12	QP		
6		270.5600	41.08	-12.62	28.46	46.00	-17.54	QP		

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

Operator: KK

File :TUVData :#2365

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Radiated Emission Measurement

File :TUV

Data :#2364

Date: 16/10/08/



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:8DPSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		39.7000	30.95	-14.84	16.11	40.00	-23.89	QP		
2		63.9500	34.56	-16.30	18.26	40.00	-21.74	QP		
3		132.8200	46.38	-18.63	27.75	43.50	-15.75	QP		
4		141.5500	46.05	-19.05	27.00	43.50	-16.50	QP		
5	*	270.5600	47.96	-12.62	35.34	46.00	-10.66	QP		
6		359.8000	38.08	-10.55	27.53	46.00	-18.47	QP		

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

Operator: KK

File :TUVData :#2364

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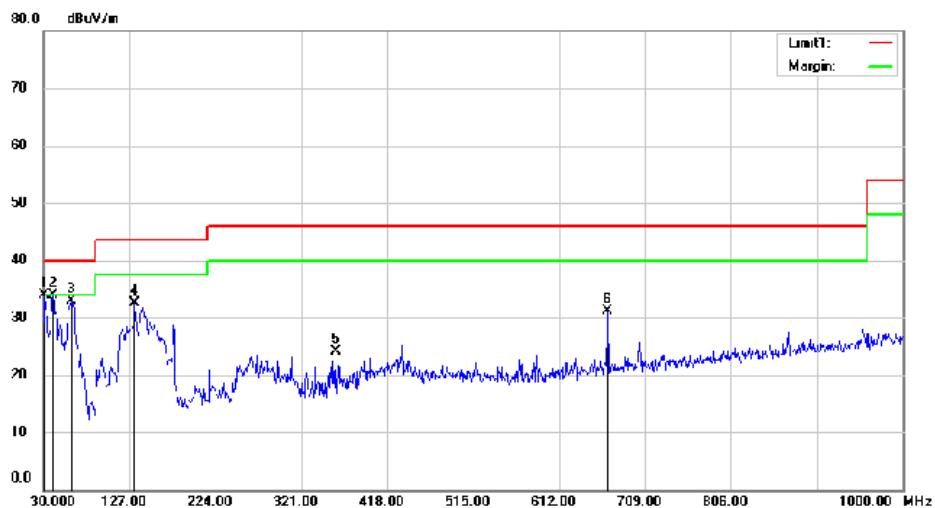
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Radiated Emission Measurement

File :TUV

Data :#2363

Date: 16/10/08/



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:8DPSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	30.9700	51.68	-17.71	33.97	40.00	-6.03	QP		
2		40.6700	48.71	-14.80	33.91	40.00	-6.09	QP		
3		61.0400	48.79	-15.87	32.92	40.00	-7.08	QP		
4		132.8200	51.06	-18.63	32.43	43.50	-11.07	QP		
5		359.8000	34.58	-10.55	24.03	46.00	-21.97	QP		
6		667.2900	35.79	-4.73	31.06	46.00	-14.94	QP		

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

Operator: KK

File :TUVData :#2363

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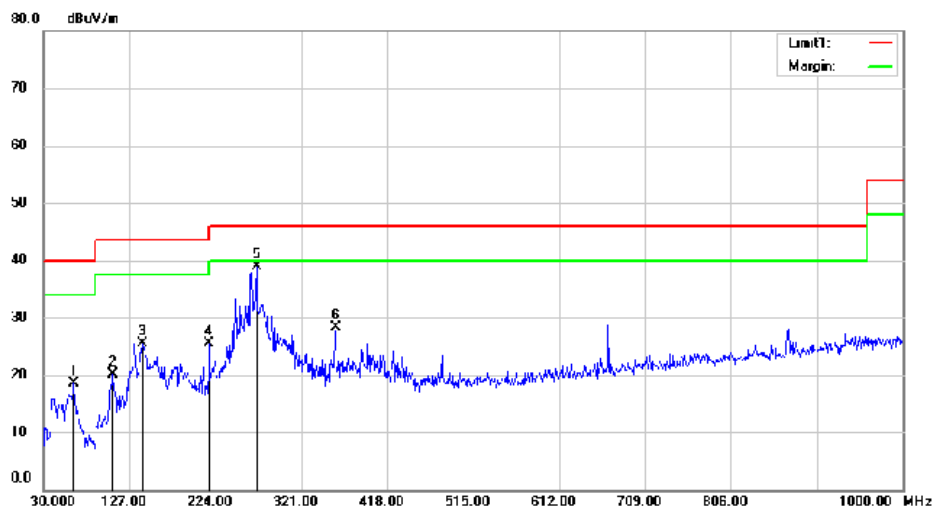
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Radiated Emission Measurement

File :TUV

Data :#2368

Date: 16/10/08/



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:8DPSK 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		63.9500	34.77	-16.30	18.47	40.00	-21.53	QP		
2		108.5700	35.41	-15.37	20.04	43.50	-23.46	QP		
3		141.5500	44.59	-19.05	25.54	43.50	-17.96	QP		
4		217.2100	40.10	-14.58	25.52	46.00	-20.48	QP		
5	*	270.5600	51.52	-12.62	38.90	46.00	-7.10	QP		
6		359.8000	38.90	-10.55	28.35	46.00	-17.65	QP		

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

Operator: KK

File :TUVData :#2368

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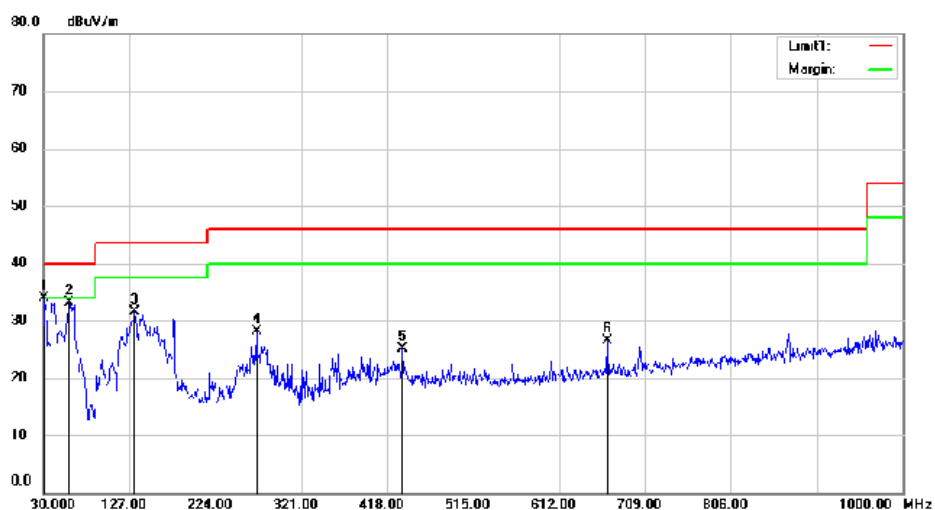


Radiated Emission Measurement

File :TUV

Data :#2367

Date: 16/10/08/



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:8DPSK 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	30.9700	51.70	-17.71	33.99	40.00	-6.01	QP		
2		59.1000	48.78	-15.59	33.19	40.00	-6.81	QP		
3		132.8200	50.10	-18.63	31.47	43.50	-12.03	QP		
4		270.5600	40.81	-12.62	28.19	46.00	-17.81	QP		
5		435.4600	33.90	-8.76	25.14	46.00	-20.86	QP		
6		666.3200	31.23	-4.75	26.48	46.00	-19.52	QP		

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

Operator: KK

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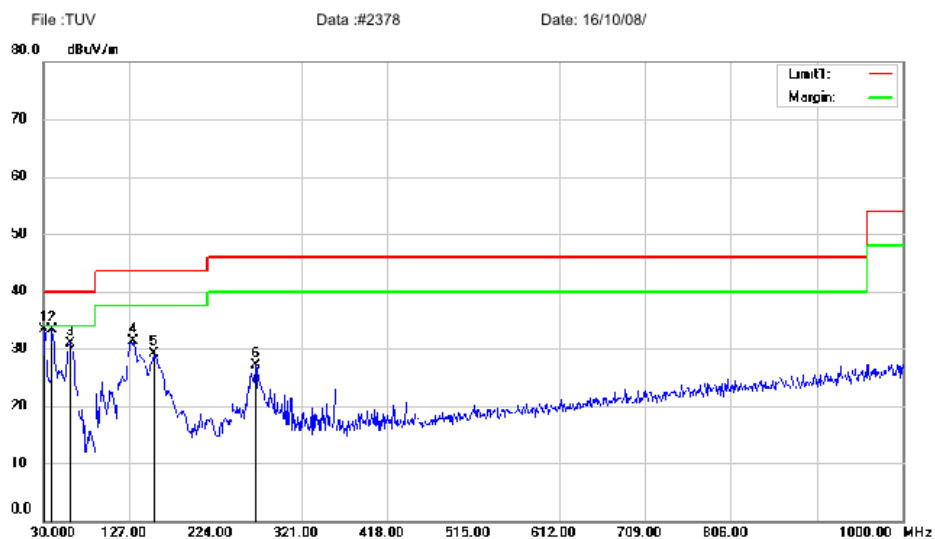
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30MHz - 1GHz, Low Energy mode

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Radiated Emission Measurement



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode: BLE 2440

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment
1	*	30.9700	51.00	-17.71	33.29	40.00	-6.71	QP		
2		39.7000	48.07	-14.84	33.23	40.00	-6.77	QP		
3		60.0700	46.55	-15.71	30.84	40.00	-9.16	QP		
4		131.8500	49.86	-18.57	31.29	43.50	-12.21	QP		
5		154.1600	47.80	-18.62	29.18	43.50	-14.32	QP		
6		269.5900	39.72	-12.65	27.07	46.00	-18.93	QP		

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

Operator: KK

File: TUVData: #2378

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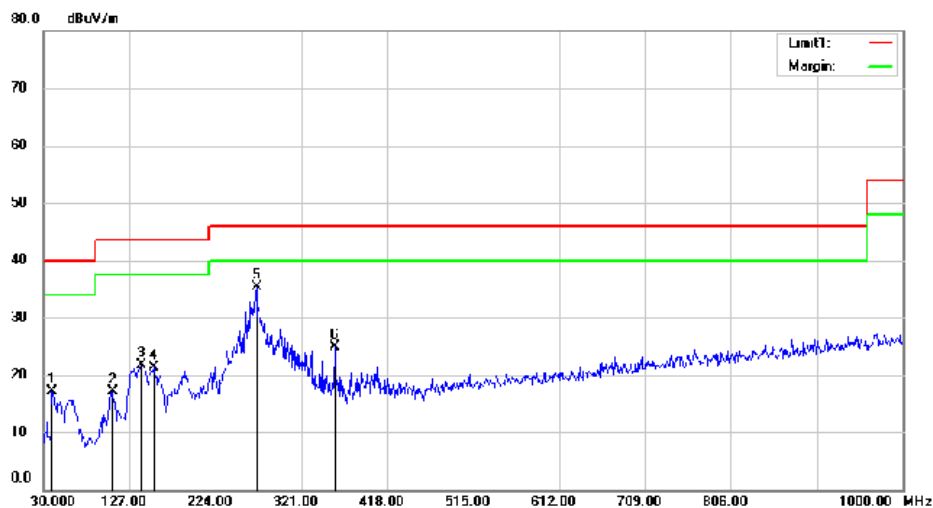
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Radiated Emission Measurement

File :TUV

Data :#2377

Date: 16/10/08/



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:BLE 2440

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		39.7000	31.97	-14.84	17.13	40.00	-22.87	QP		
2		107.6000	32.48	-15.35	17.13	43.50	-26.37	QP		
3		140.5800	40.78	-19.07	21.71	43.50	-21.79	QP		
4		154.1600	39.85	-18.62	21.23	43.50	-22.27	QP		
5	*	270.5600	47.98	-12.62	35.36	46.00	-10.64	QP		
6		358.8300	35.41	-10.53	24.88	46.00	-21.12	QP		

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

Operator: KK

File :TUVData :#2377

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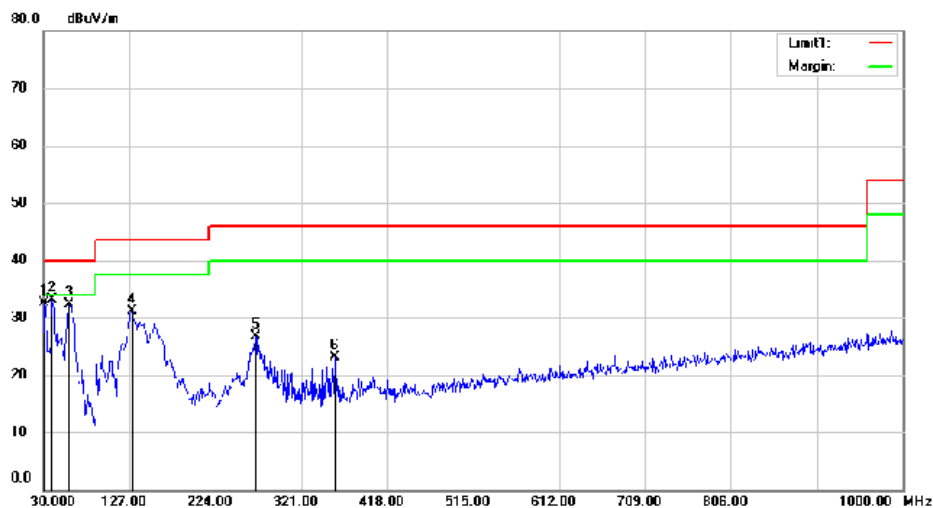
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Radiated Emission Measurement

File :TUV

Data :#2376

Date: 16/10/08/



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:BLE 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		30.9700	50.30	-17.71	32.59	40.00	-7.41	QP		
2	*	39.7000	48.03	-14.84	33.19	40.00	-6.81	QP		
3		59.1000	47.96	-15.59	32.37	40.00	-7.63	QP		
4		129.9100	49.63	-18.45	31.18	43.50	-12.32	QP		
5		269.5900	39.39	-12.65	26.74	46.00	-19.26	QP		
6		358.8300	33.56	-10.53	23.03	46.00	-22.97	QP		

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

Operator: KK

File :TUVData :#2376

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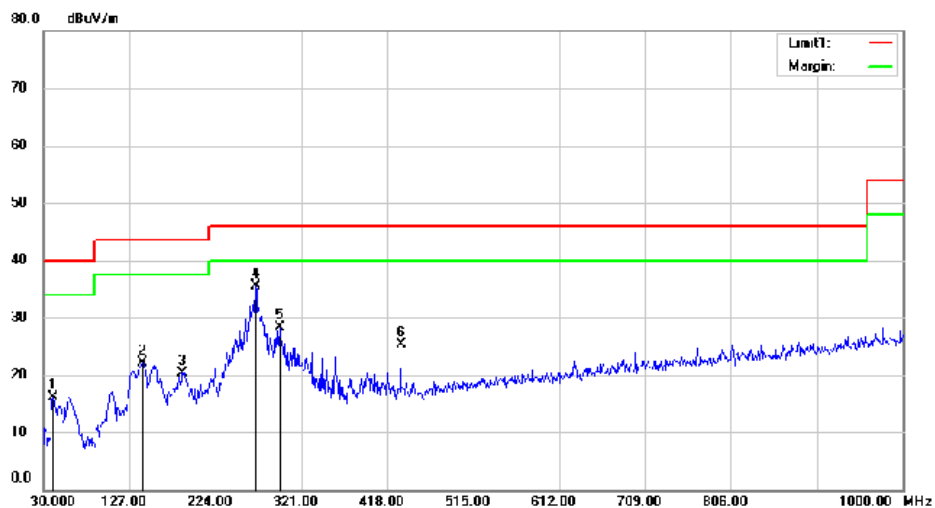
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Radiated Emission Measurement

File :TUV

Data :#2375

Date: 16/10/08/



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:BLE 2402

Note:

No. Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	40.6700	30.87	-14.80	16.07	40.00	-23.93	QP		
2	141.5500	41.08	-19.05	22.03	43.50	-21.47	QP		
3	187.1400	37.26	-16.87	20.39	43.50	-23.11	QP		
4 *	269.5900	48.13	-12.65	35.48	46.00	-10.52	QP		
5	296.7500	39.88	-11.63	28.25	46.00	-17.75	QP		
6	433.5200	34.16	-8.83	25.33	46.00	-20.67	QP		

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

Operator: KK

File :TUVData :#2375

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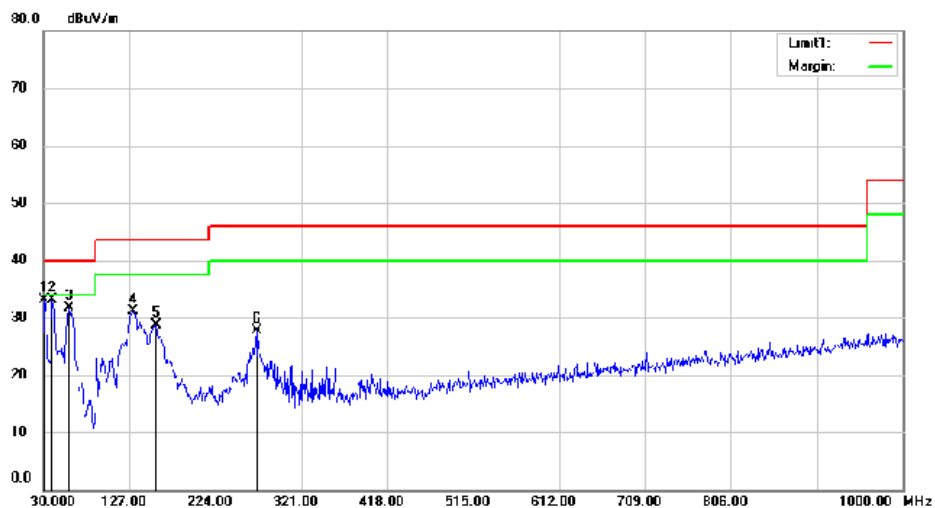


Radiated Emission Measurement

File :TUV

Data :#2380

Date: 16/10/08/



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:BLE 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	30.9700	50.76	-17.71	33.05	40.00	-6.95	QP		
2		39.7000	47.88	-14.84	33.04	40.00	-6.96	QP		
3		59.1000	47.29	-15.59	31.70	40.00	-8.30	QP		
4		131.8500	49.59	-18.57	31.02	43.50	-12.48	QP		
5		157.0700	47.23	-18.49	28.74	43.50	-14.76	QP		
6		270.5600	40.38	-12.62	27.76	46.00	-18.24	QP		

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

Operator: KK

File :TUVData :#2380

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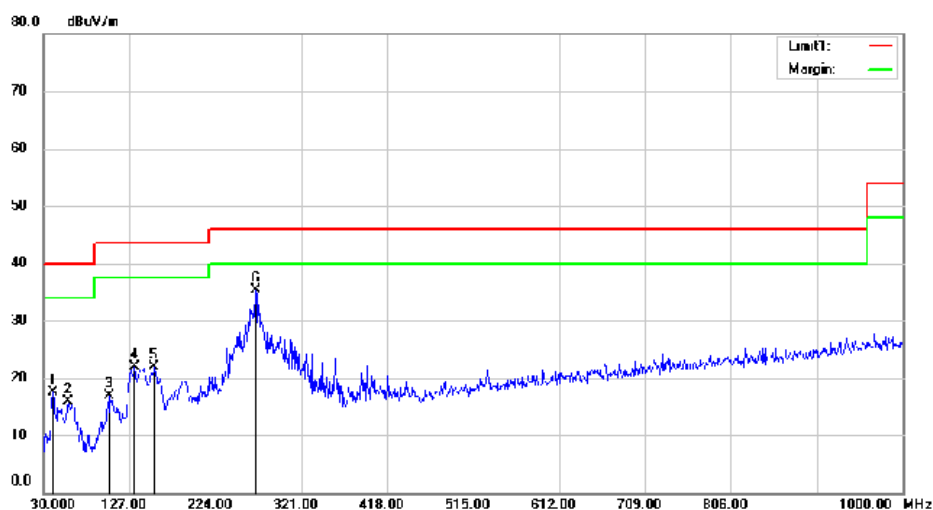


Radiated Emission Measurement

File :TUV

Data :#2379

Date: 16/10/08/



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:BLE 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		40.6700	32.25	-14.80	17.45	40.00	-22.55	QP		
2		58.1300	31.41	-15.49	15.92	40.00	-24.08	QP		
3		104.6900	32.18	-15.31	16.87	43.50	-26.63	QP		
4		132.8200	40.53	-18.63	21.90	43.50	-21.60	QP		
5		155.1300	40.42	-18.58	21.84	43.50	-21.66	QP		
6	*	269.5900	47.87	-12.65	35.22	46.00	-10.78	QP		

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

Operator: KK

File :TUVData :#2379

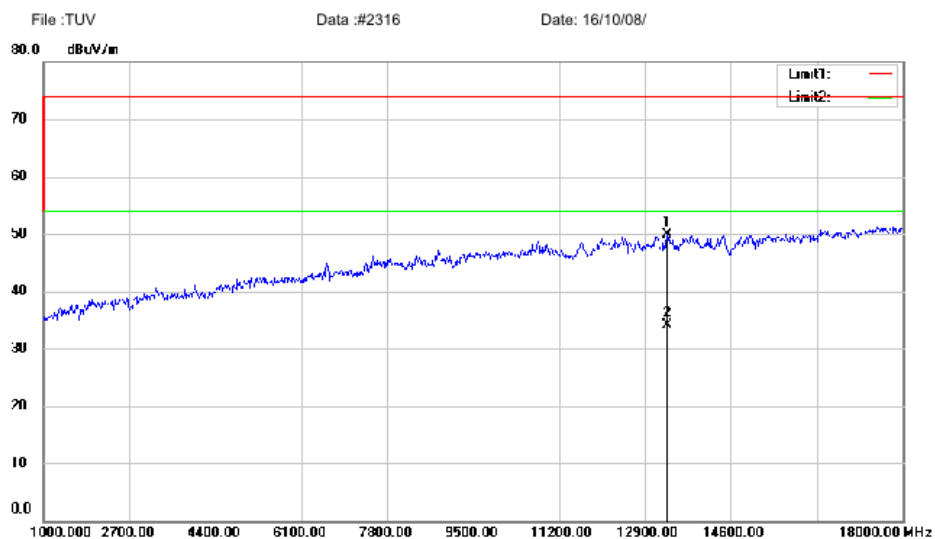
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1GHz - 18GHz, EDR mode

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Radiated Emission Measurement



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode: 8DPSK 2441

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		13342.00	50.29	-0.31	49.98	74.00	-24.02	peak		0
2	*	13342.00	34.41	-0.31	34.10	54.00	-19.90	AVG		0

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

Operator: KK

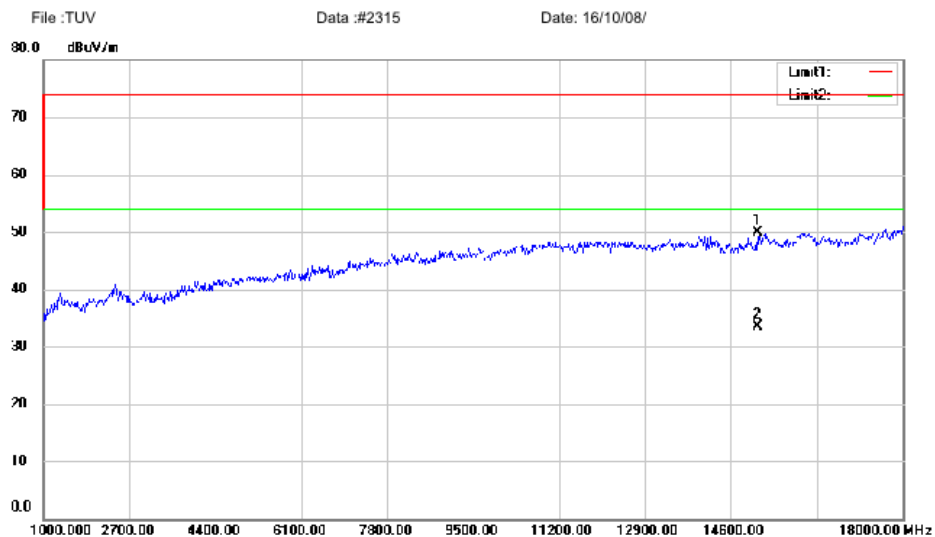
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Radiated Emission Measurement



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:8DPSK 2441

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		15127.00	48.60	1.28	49.88	74.00	-24.12	peak	0	
2	*	15127.00	32.22	1.28	33.50	54.00	-20.50	AVG	0	

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

Operator: KK

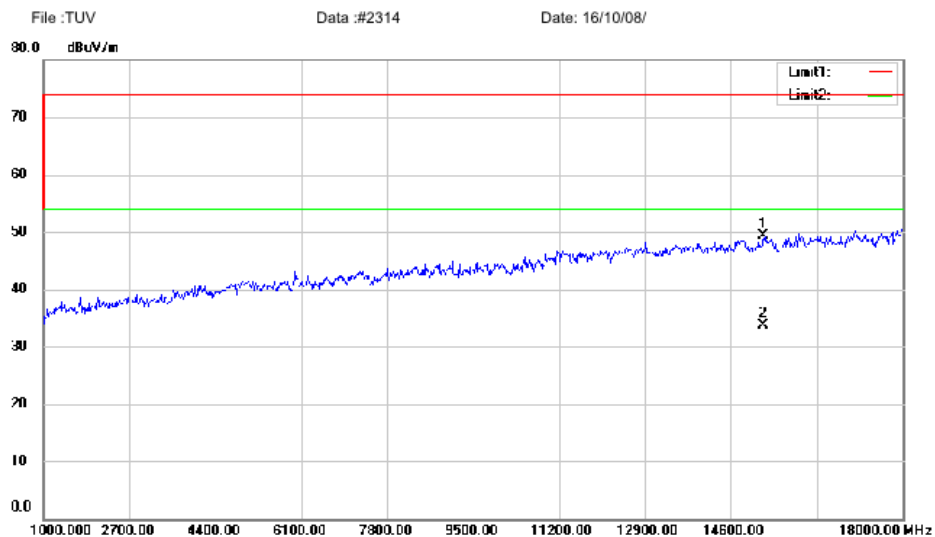
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Page: 1

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Radiated Emission Measurement



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:8DPSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		15246.00	46.40	2.89	49.29	74.00	-24.71	peak	0	
2	*	15246.00	30.81	2.89	33.70	54.00	-20.30	AVG	0	

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

Operator: XLX

File :TUVData :#2314

Page: 1

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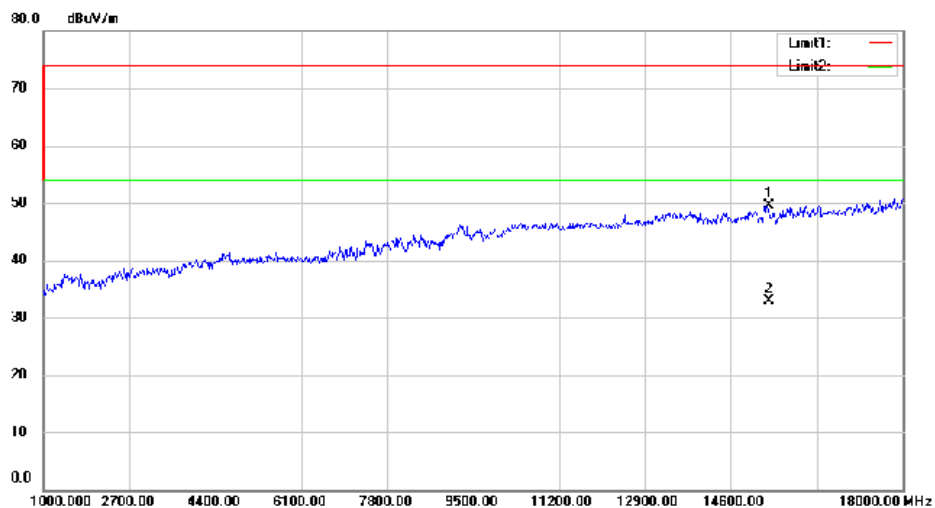


Radiated Emission Measurement

File :TUV

Data :#2313

Date: 16/10/08/



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:8DPSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		15348.00	47.06	2.51	49.57	74.00	-24.43	peak	0	
2	*	15348.00	30.39	2.51	32.90	54.00	-21.10	AVG	0	

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

Operator: XLX

File :TUVData :#2313

Page: 1

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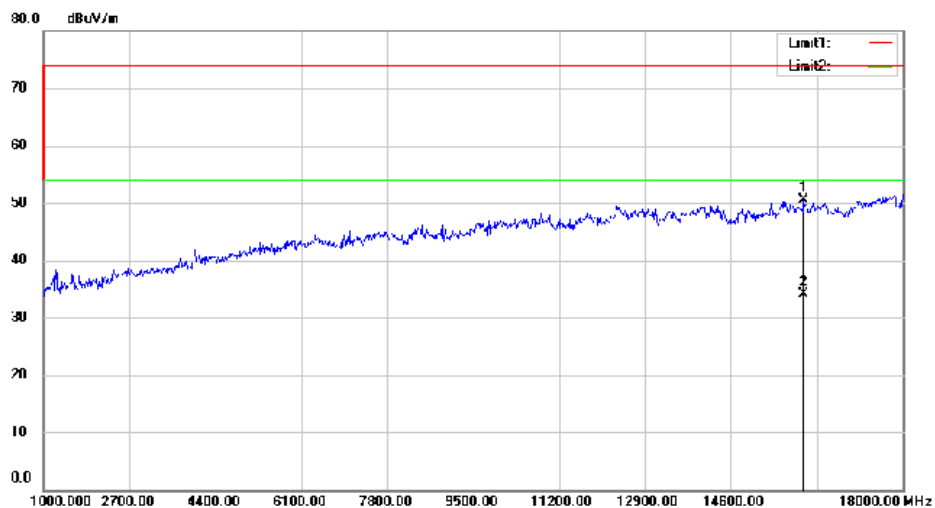


Radiated Emission Measurement

File :TUV

Data :#2318

Date: 16/10/08/



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:8DPSK 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		16045.00	51.57	-1.11	50.46	74.00	-23.54	peak		0
2	*	16045.00	35.21	-1.11	34.10	54.00	-19.90	AVG		0

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

Operator:

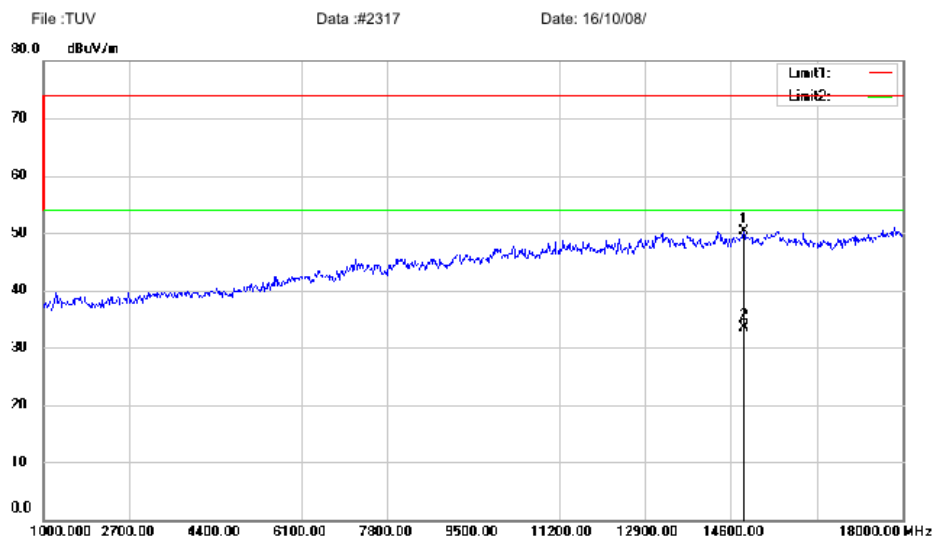
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Radiated Emission Measurement



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode: 8DPSK 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		14855.00	47.67	2.66	50.33	74.00	-23.67	peak	0	
2	*	14855.00	30.84	2.66	33.50	54.00	-20.50	AVG	0	

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

Operator:

File: TUVData: #2317

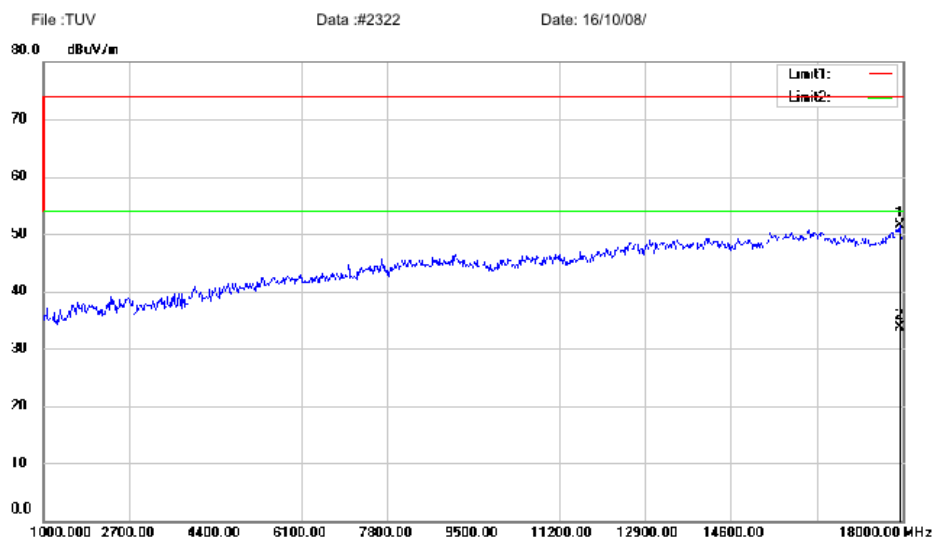
Page: 1

1GHz - 18GHz, Low Energy mode

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Radiated Emission Measurement



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:BLE 2440

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		17932.00	37.23	14.28	51.51	74.00	-22.49	peak		0
2	*	17932.00	19.42	14.28	33.70	54.00	-20.30	AVG		0

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

Operator:

File :TUVData :#2322

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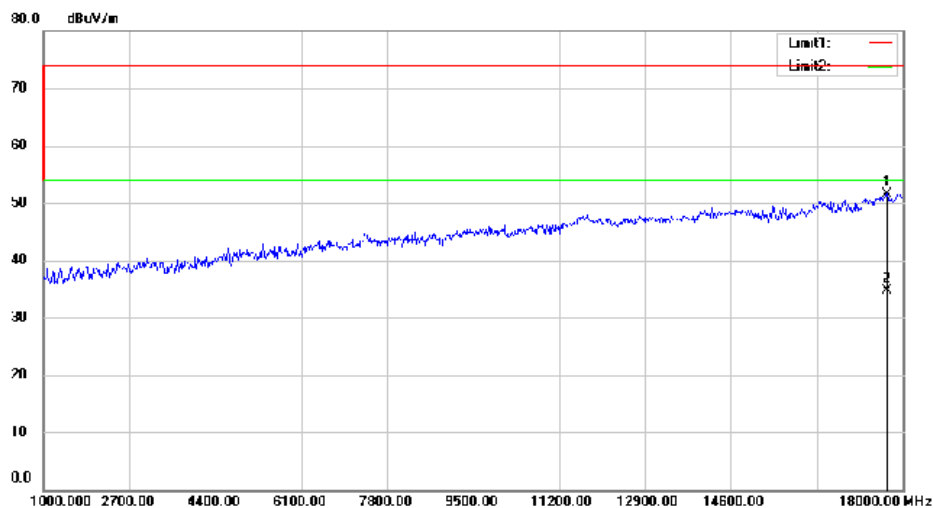


Radiated Emission Measurement

File :TUV

Data :#2321

Date: 16/10/08/



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:BLE 2440

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		17694.00	40.24	11.36	51.60	74.00	-22.40	peak	0	
2	*	17694.00	23.44	11.36	34.80	54.00	-19.20	AVG	0	

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

Operator:

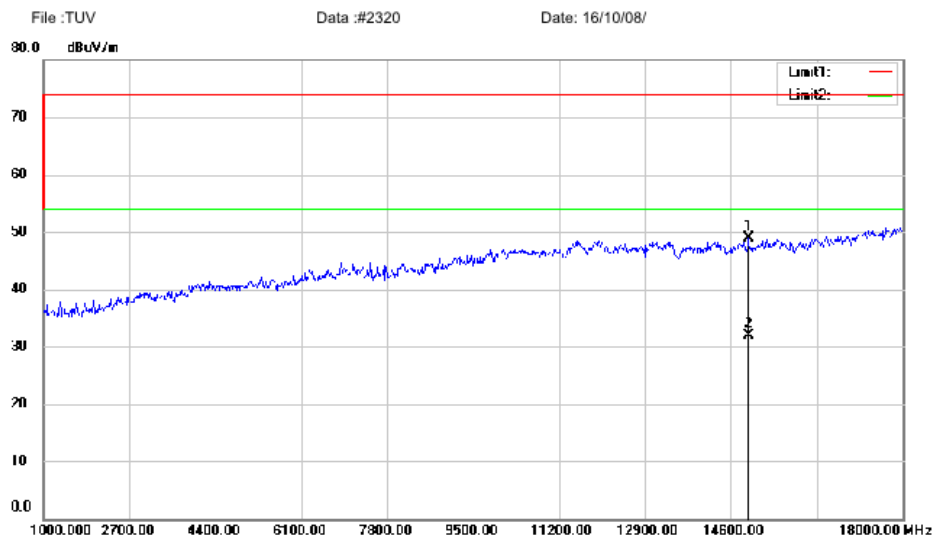
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Radiated Emission Measurement



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:BLE 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		14940.00	46.35	2.54	48.89	74.00	-25.11	peak	0	
2	*	14940.00	29.46	2.54	32.00	54.00	-22.00	AVG	0	

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

Operator:

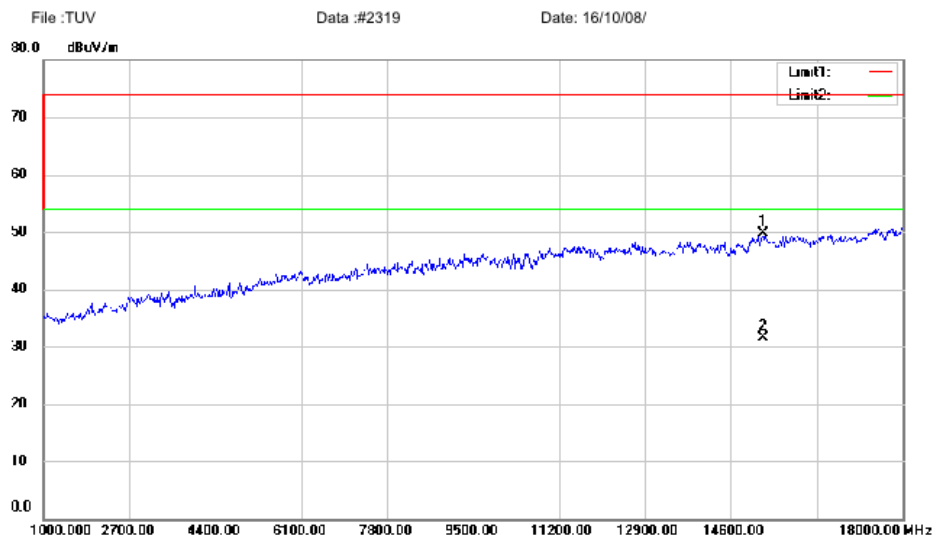
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Radiated Emission Measurement



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:BLE 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		15246.00	48.14	1.53	49.67	74.00	-24.33	peak		0
2	*	15246.00	29.97	1.53	31.50	54.00	-22.50	AVG		0

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

Operator:

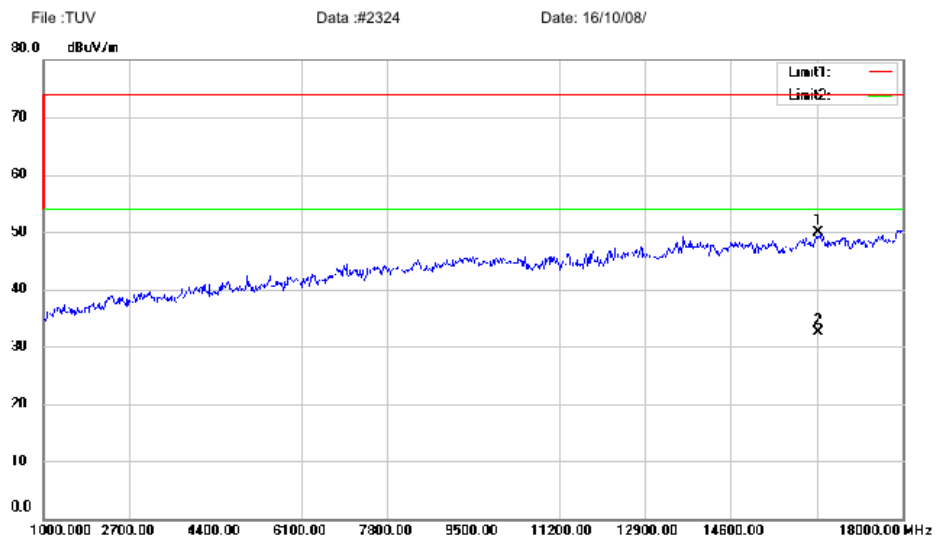
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Radiated Emission Measurement



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:BLE 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		16334.00	48.40	1.56	49.96	74.00	-24.04	peak	0	
2	*	16334.00	31.04	1.56	32.60	54.00	-21.40	AVG	0	

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

Operator: XLX

File :TUVData :#2324

Page: 1

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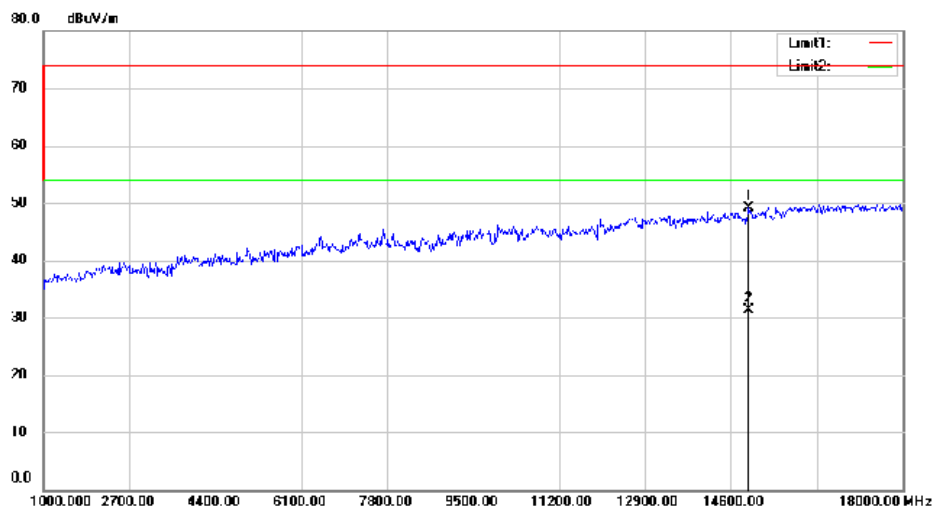


Radiated Emission Measurement

File :TUV

Data :#2323

Date: 16/10/08/



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:BLE 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		14940.00	45.17	3.86	49.03	74.00	-24.97	peak	0	
2	*	14940.00	27.54	3.86	31.40	54.00	-22.60	AVG	0	

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

Operator: XLX

File :TUVData :#2323

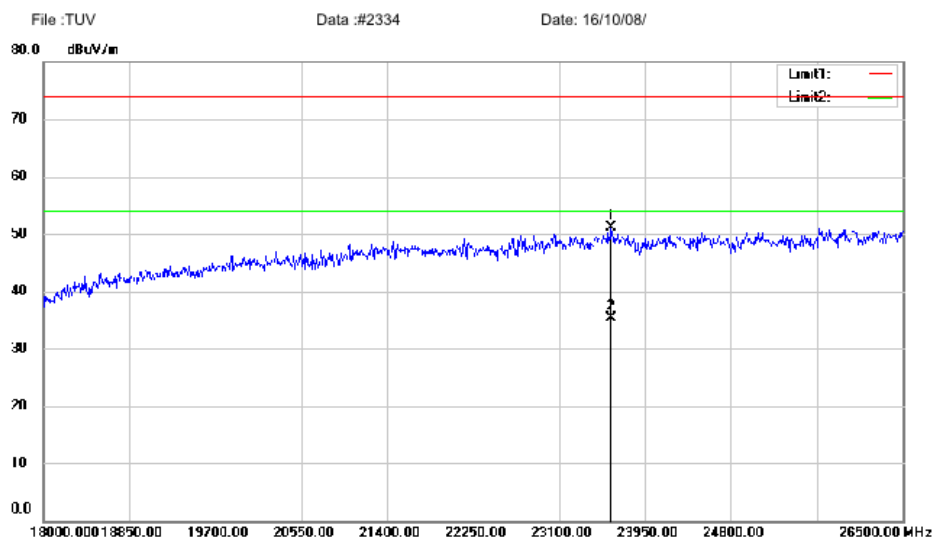
Page: 1

18GHz - 26.5GHz, EDR mode

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Radiated Emission Measurement



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode: 8DPSK 2441

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		23618.50	88.71	-37.53	51.18	74.00	-22.82	peak		0
2	*	23618.50	72.93	-37.53	35.40	54.00	-18.60	AVG		0

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

Operator: KK

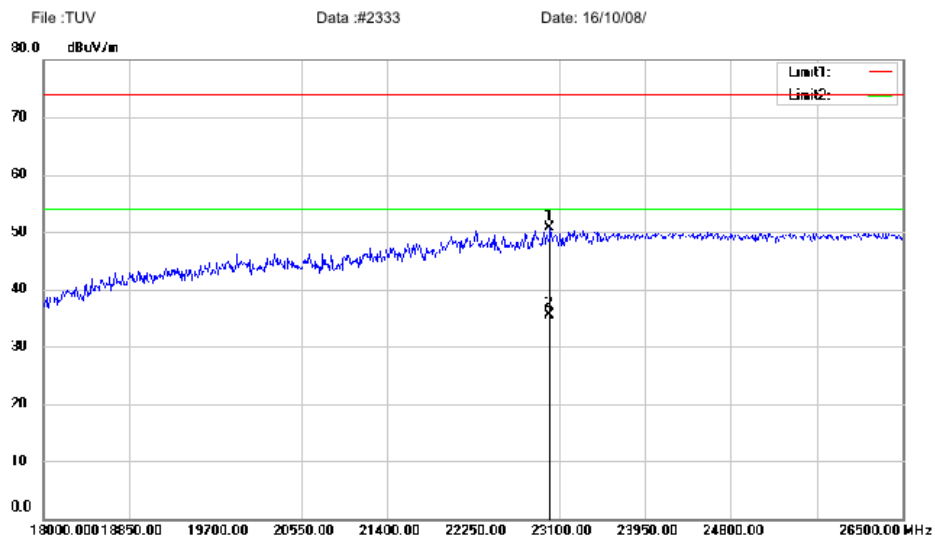
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Page: 1

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Radiated Emission Measurement



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:8DPSK 2441

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		23006.50	88.89	-38.17	50.72	74.00	-23.28	peak	0	
2	*	23006.50	73.77	-38.17	35.60	54.00	-18.40	AVG	0	

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

Operator: KK

File :TUVData :#2333

Page: 1

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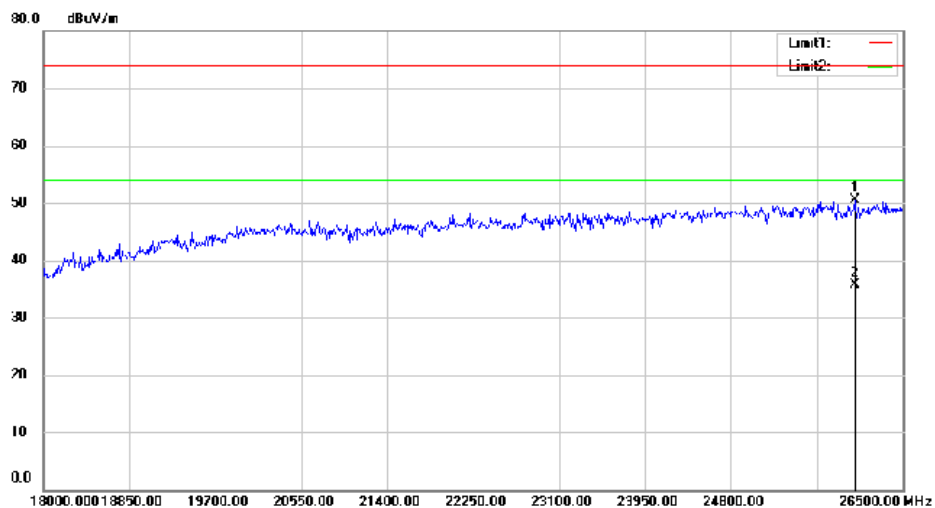


Radiated Emission Measurement

File :TUV

Data :#2332

Date: 16/10/08/



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:8DPSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		26024.00	86.28	-35.76	50.52	74.00	-23.48	peak	0	
2	*	26024.00	71.46	-35.76	35.70	54.00	-18.30	AVG	0	

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

Operator: KK

File :TUVData :#2332

Page: 1

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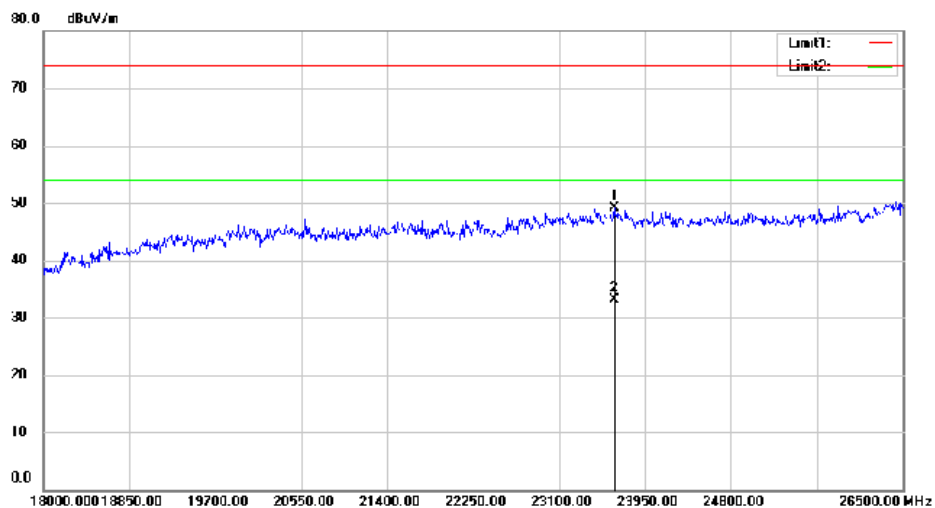


Radiated Emission Measurement

File :TUV

Data :#2331

Date: 16/10/08/



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:8DPSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		23644.00	86.54	-37.50	49.04	74.00	-24.96	peak	0	
2	*	23644.00	70.70	-37.50	33.20	54.00	-20.80	AVG	0	

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

Operator: KK

File :TUVData :#2331

Page: 1

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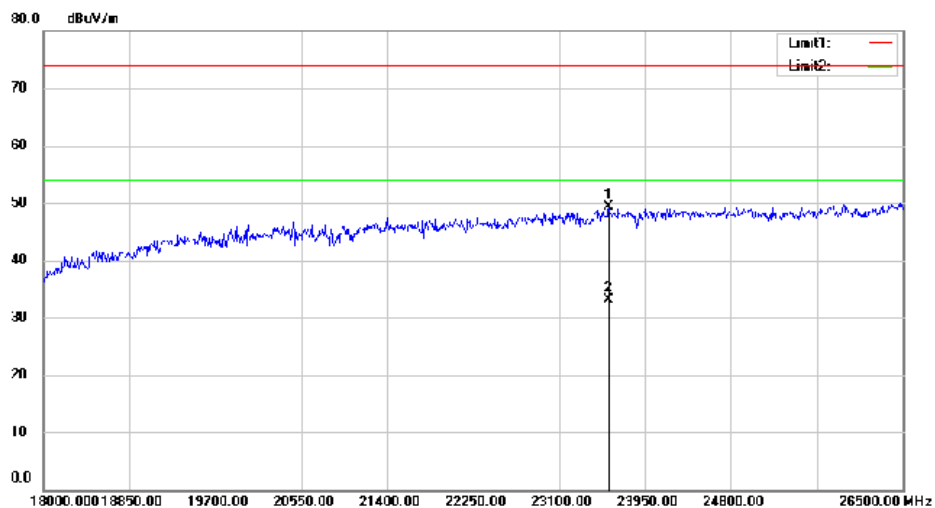


Radiated Emission Measurement

File :TUV

Data :#2336

Date: 16/10/08/



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:8DPSK 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		23593.00	86.92	-37.56	49.36	74.00	-24.64	peak	0	
2	*	23593.00	70.76	-37.56	33.20	54.00	-20.80	AVG	0	

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

Operator: KK

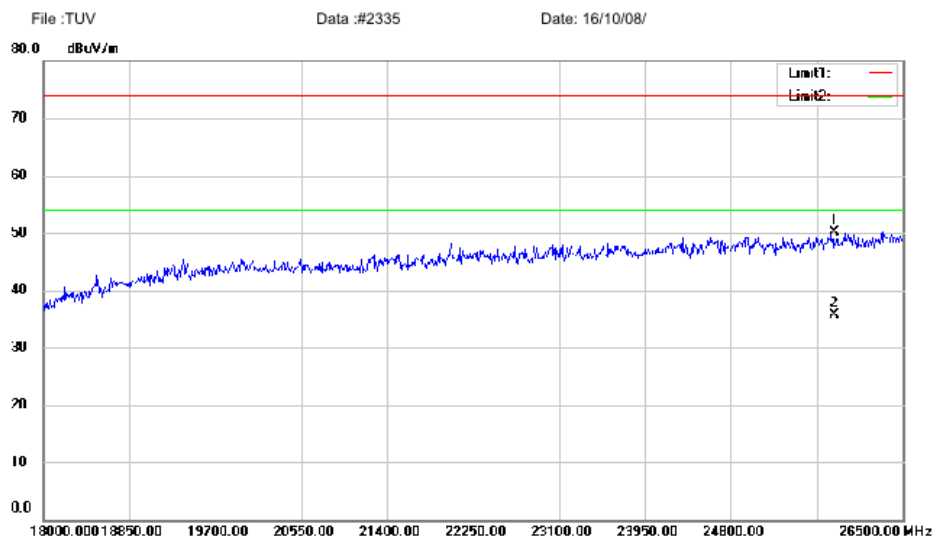
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Page: 1

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Radiated Emission Measurement



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode: 8DPSK 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		25820.00	86.21	-36.01	50.20	74.00	-23.80	peak	0	
2	*	25820.00	71.71	-36.01	35.70	54.00	-18.30	AVG	0	

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

Operator: KK

File: TUVData: #2335

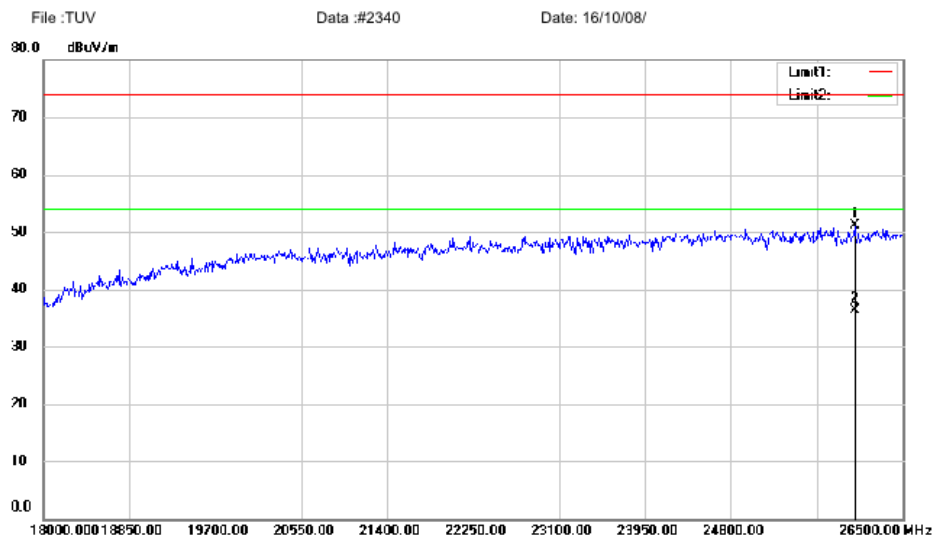
Page: 1

18GHz - 26.5GHz, Low Energy mode

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Radiated Emission Measurement



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:BLE 2440

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		26024.00	86.78	-35.76	51.02	74.00	-22.98	peak		0
2	*	26024.00	72.16	-35.76	36.40	54.00	-17.60	AVG		0

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

Operator: KK

File :TUVData :#2340

Page: 1

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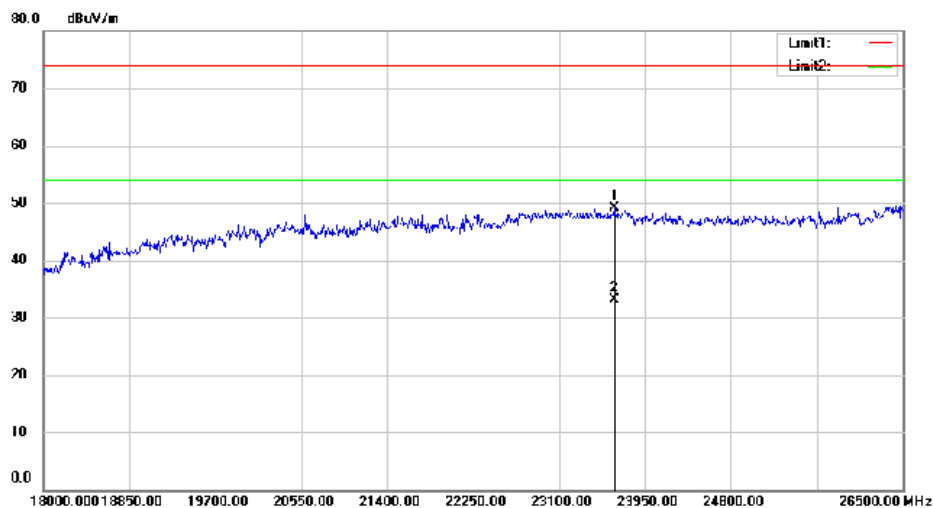


Radiated Emission Measurement

File :TUV

Data :#2339

Date: 16/10/08/



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:BLE 2440

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		23644.00	86.54	-37.50	49.04	74.00	-24.96	peak	0	
2	*	23644.00	70.70	-37.50	33.20	54.00	-20.80	AVG	0	

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

Operator: KK

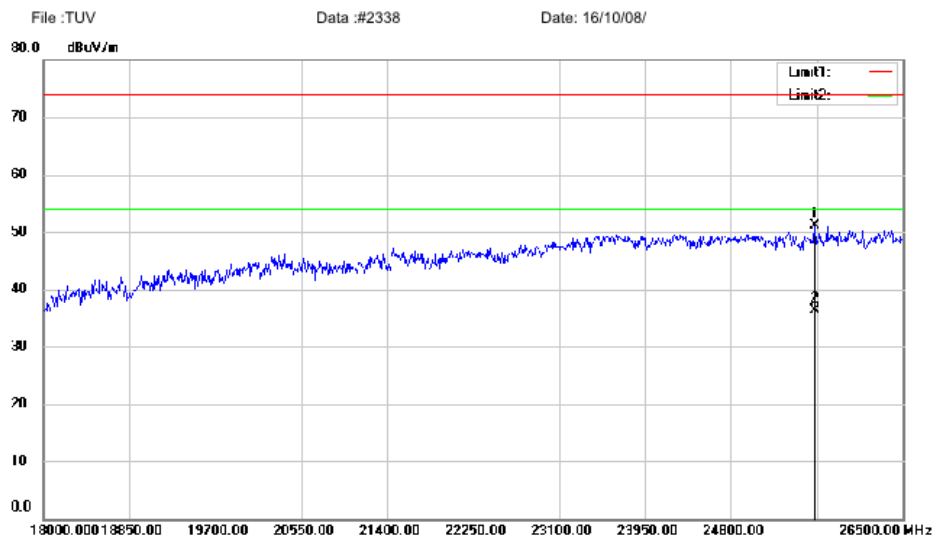
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Page: 1

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Radiated Emission Measurement



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:BLE 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		25633.00	87.32	-36.24	51.08	74.00	-22.92	peak	0	
2	*	25633.00	72.64	-36.24	36.40	54.00	-17.60	AVG	0	

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

Operator: KK

File :TUVData :#2338

Page: 1

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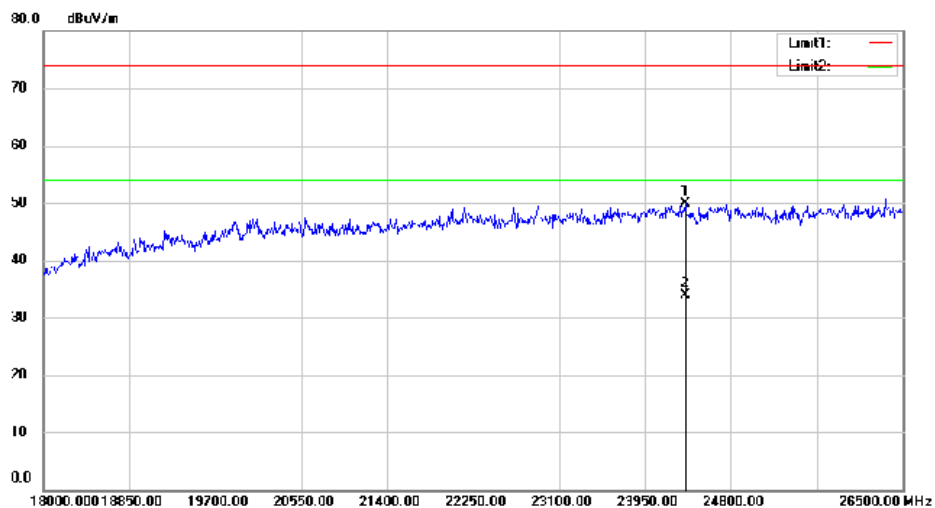


Radiated Emission Measurement

File :TUV

Data :#2337

Date: 16/10/08/



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:BLE 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		24349.50	86.90	-37.09	49.81	74.00	-24.19	peak	0	
2	*	24349.50	70.99	-37.09	33.90	54.00	-20.10	AVG	0	

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

Operator: KK

File :TUVData :#2337

Page: 1

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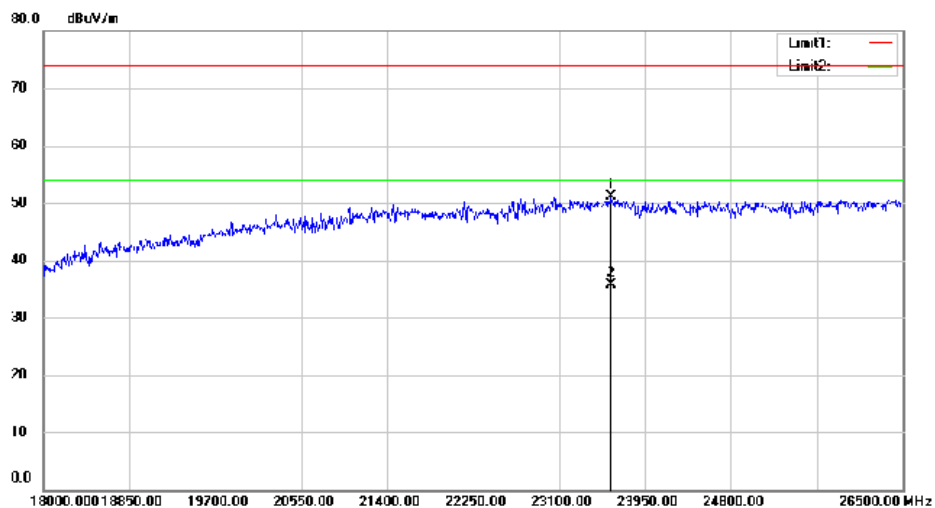


Radiated Emission Measurement

File :TUV

Data :#2342

Date: 16/10/08/



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:BLE 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		23618.50	88.71	-37.53	51.18	74.00	-22.82	peak	0	
2	*	23618.50	73.33	-37.53	35.80	54.00	-18.20	AVG	0	

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

Operator: KK

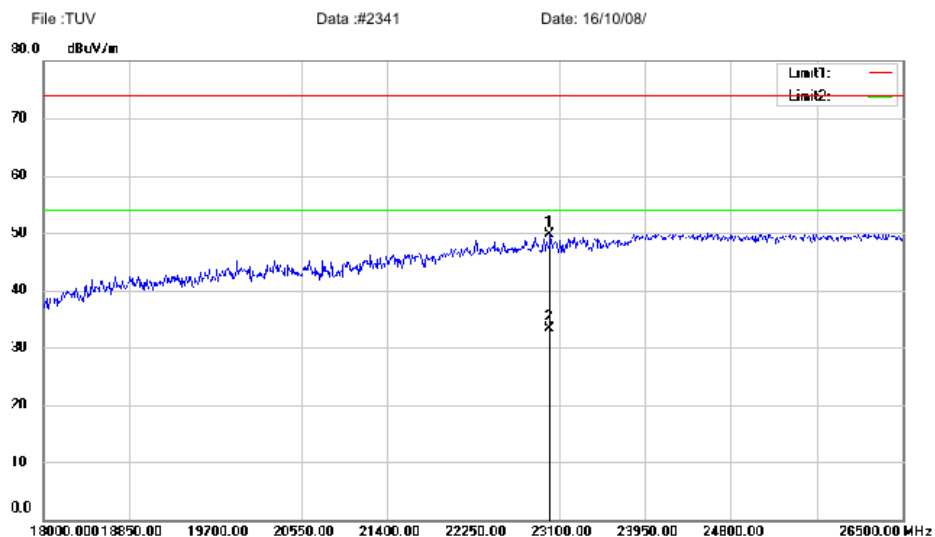
File :TUVData :#2342

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Radiated Emission Measurement



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode: BLE 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		23006.50	87.89	-38.17	49.72	74.00	-24.28	peak	0	
2	*	23006.50	71.57	-38.17	33.40	54.00	-20.60	AVG	0	

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

Operator: KK

File: TUVData: #2341

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Appendix B.2: Test Plots of Band Edge (Radiated)

Low Channel, EDR mode

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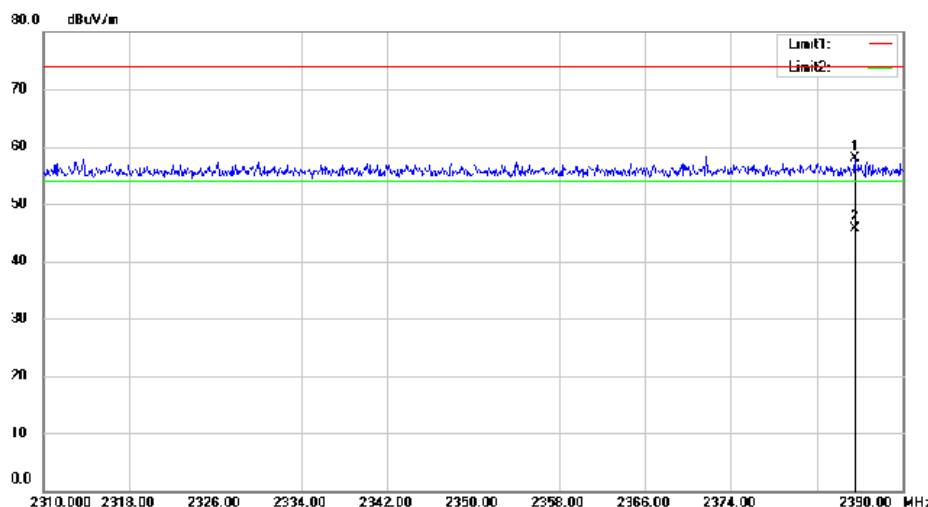


Radiated Emission Measurement

File :TUV

Data :#2351

Date: 16/10/08/



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:8DPSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2385.520	27.73	30.25	57.98	74.00	-16.02	peak		0
2	*	2385.520	15.45	30.25	45.70	54.00	-8.30	AVG		0

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

Operator: KK

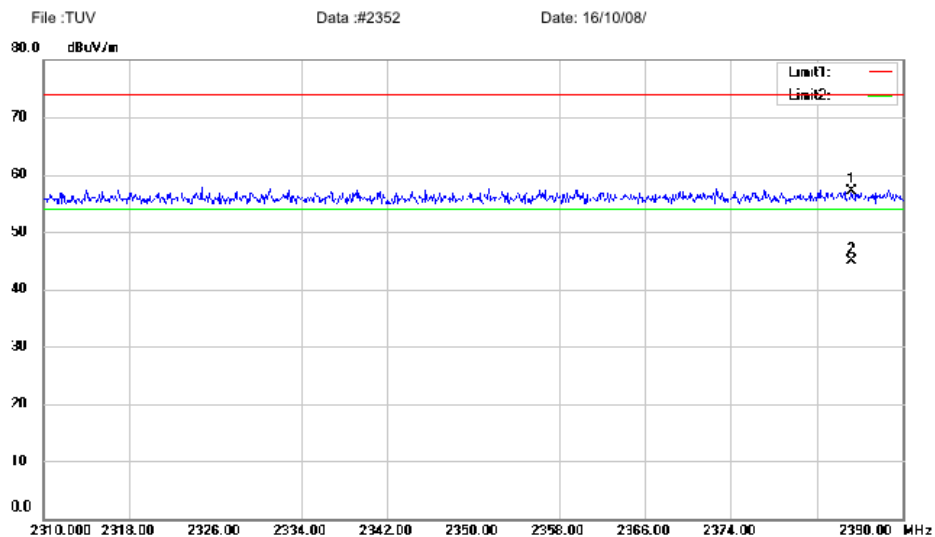
File :TUVData :#2351

Page: 1

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Radiated Emission Measurement



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:8DPSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2385.280	26.88	30.25	57.13	74.00	-16.87	peak	0	
2	*	2385.280	14.65	30.25	44.90	54.00	-9.10	AVG	0	

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

Operator: KK

File :TUVData :#2352

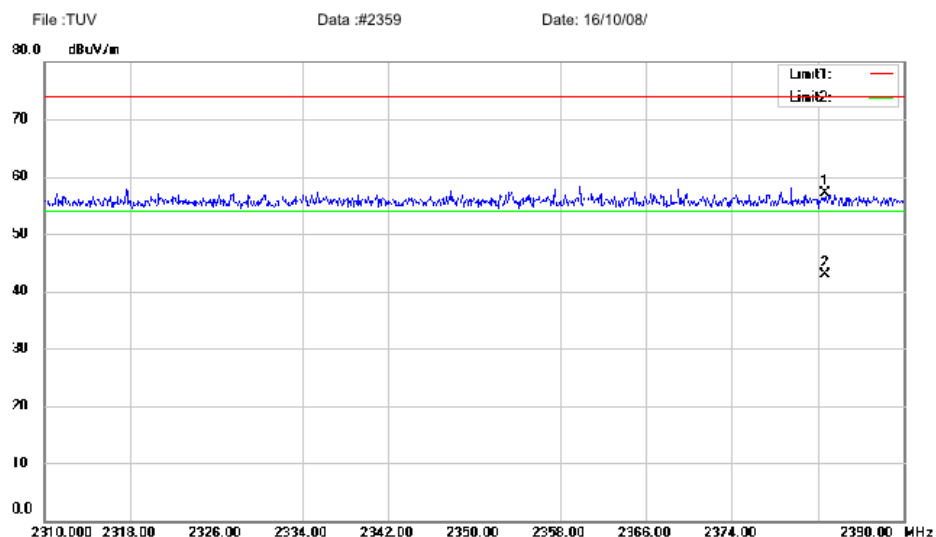
Page: 1

Low Channel, Low Energy mode

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Radiated Emission Measurement



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode: BLE 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2382.640	26.91	30.24	57.15	74.00	-16.85	peak		0
2	*	2382.640	12.66	30.24	42.90	54.00	-11.10	AVG		0

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

Operator: KK

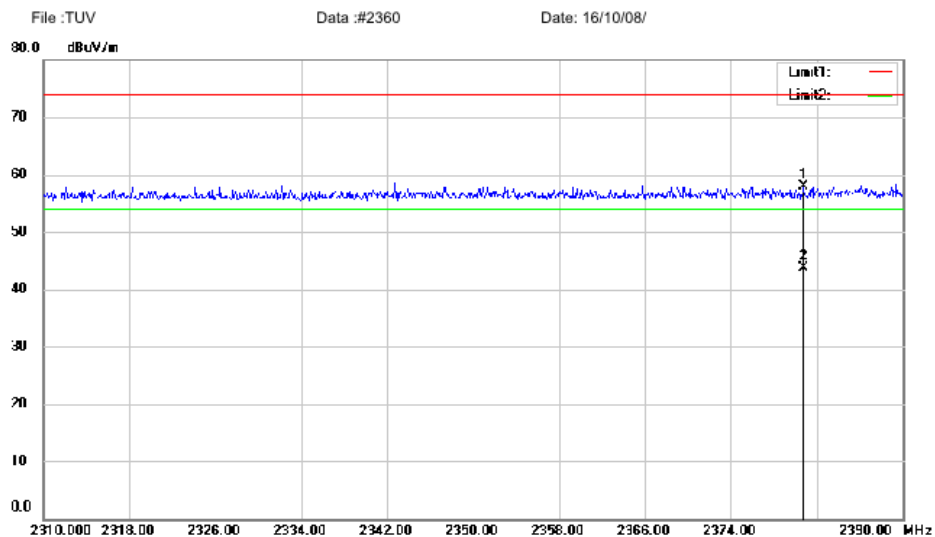
File: TUVData: #2359

Page: 1

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Radiated Emission Measurement



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:BLE 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2380.720	27.63	30.23	57.86	74.00	-16.14	peak	0	
2	*	2380.720	13.47	30.23	43.70	54.00	-10.30	AVG	0	

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

Operator: KK

File :TUVData :#2360

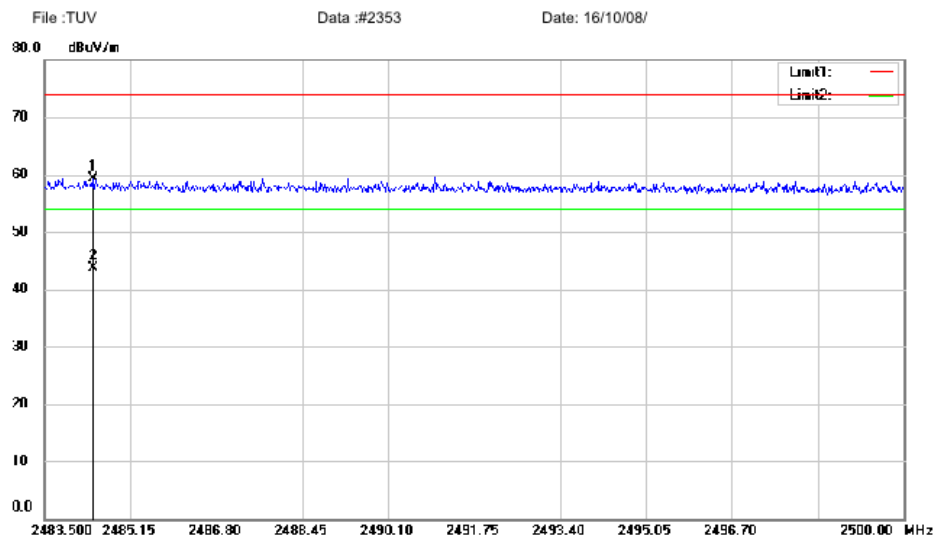
Page: 1

High Channel, EDR mode

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Radiated Emission Measurement



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:8DPSK 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2484.424	28.64	30.71	59.35	74.00	-14.65	peak		0
2	*	2484.424	12.99	30.71	43.70	54.00	-10.30	AVG		0

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

Operator: KK

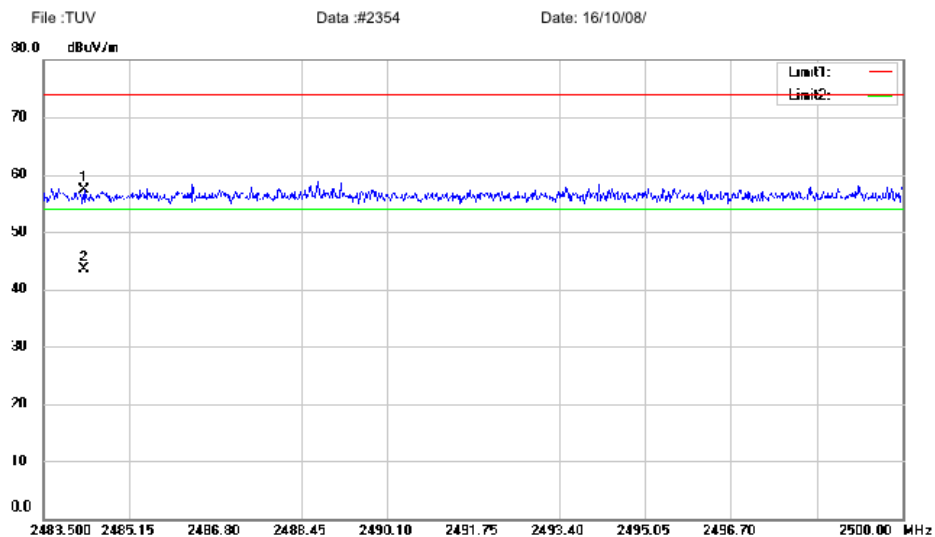
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Page: 1

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Radiated Emission Measurement



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:8DPSK 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2484.276	26.67	30.71	57.38	74.00	-16.62	peak	0	
2	*	2484.276	12.79	30.71	43.50	54.00	-10.50	AVG	0	

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

Operator: KK

File :TUVData :#2354

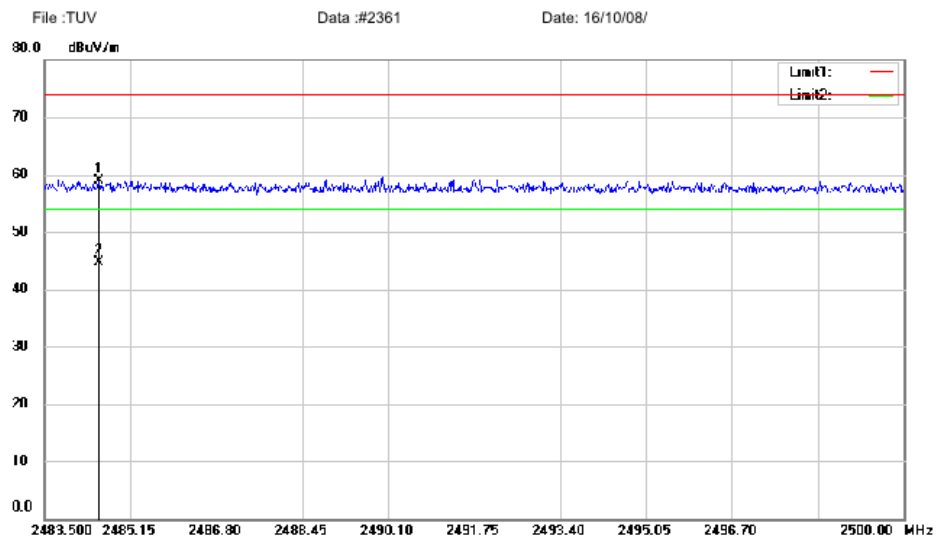
Page: 1

High Channel, Low Energy mode

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Radiated Emission Measurement



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:BLE 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2484.539	28.24	30.71	58.95	74.00	-15.05	peak		0
2	*	2484.539	14.09	30.71	44.80	54.00	-9.20	AVG		0

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

Operator: KK

File :TUVData :#2361

Page: 1

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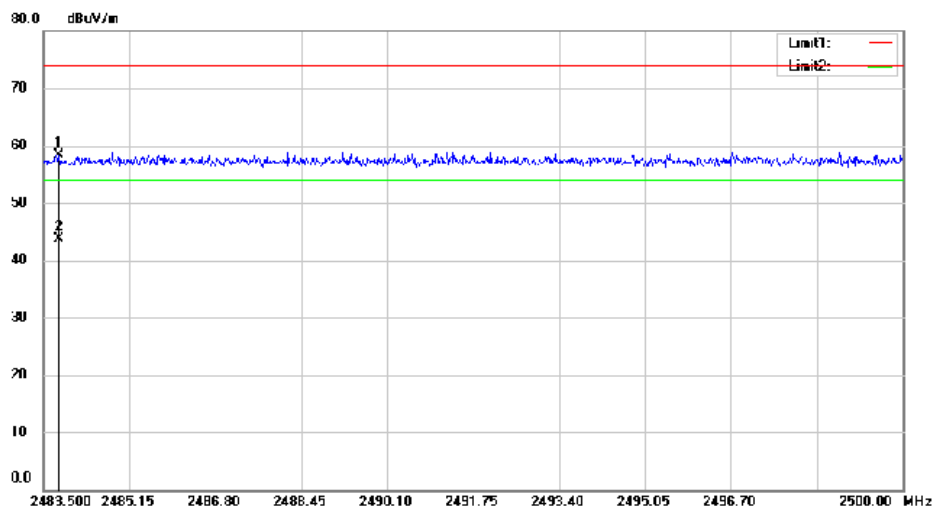


Radiated Emission Measurement

File :TUV

Data :#2362

Date: 16/10/08/



Site 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: MID 1026-IB

Mode:BLE 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2483.797	27.64	30.70	58.34	74.00	-15.66	peak		0
2	*	2483.797	13.00	30.70	43.70	54.00	-10.30	AVG		0

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

Operator: KK

File :TUVData :#2362

Page: 1

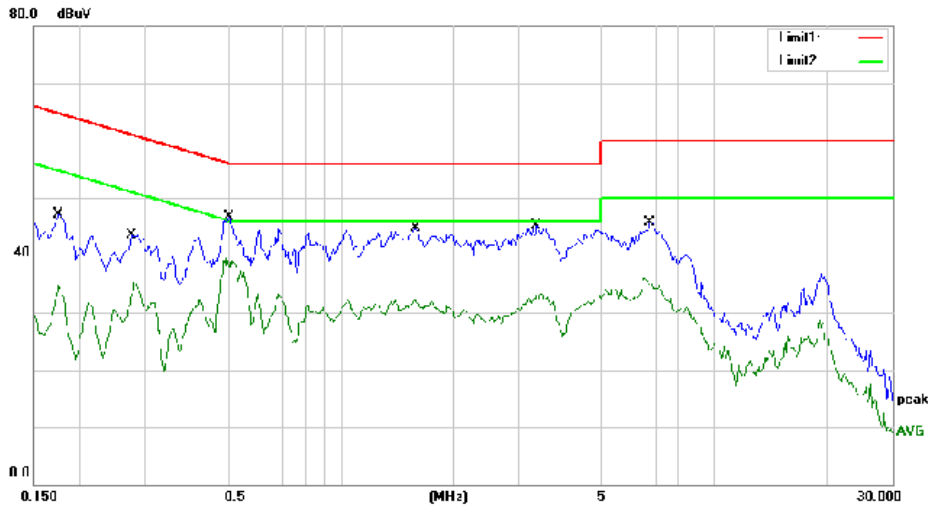
Appendix B.3: Test Results of Conducted Emission on AC Mains

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Conducted Emission Measurement

File: TUV Data: #2452 Date: 16/09/01/ Time: 1/23/36



Site Conduction #1 Phase: N Temperature: 22
Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 55 %
EUT: tablet PC
M/N: MID1026-IB
Mode: BT MODE
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1750	47.15	0.00	47.15	64.72	-17.57	QP	
2		0.1750	34.66	0.00	34.66	54.72	-20.06	AVG	
3		0.2750	43.50	0.00	43.50	60.97	-17.47	QP	
4		0.2750	35.22	0.00	35.22	50.97	-15.75	AVG	
5		0.5000	46.61	0.00	46.61	56.00	-9.39	QP	
6	*	0.5000	38.81	0.00	38.81	46.00	-7.19	AVG	
7		1.5850	44.64	0.00	44.64	56.00	-11.36	QP	
8		1.5850	32.18	0.00	32.18	46.00	-13.82	AVG	
9		3.3450	45.07	0.00	45.07	56.00	-10.93	QP	
10		3.3450	33.37	0.00	33.37	46.00	-12.63	AVG	
11		6.7100	45.77	0.00	45.77	60.00	-14.23	QP	
12		6.7100	36.02	0.00	36.02	50.00	-13.98	AVG	

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

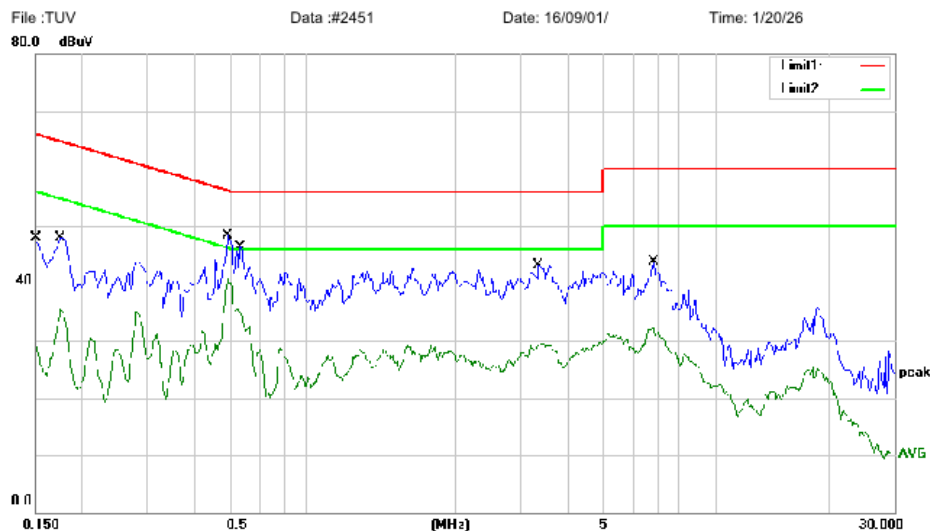
File: TUV\Data: #2452

Page: 1

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Conducted Emission Measurement



Site Conduction #1

Phase: L1

Temperature: 22

Limit: (CE)FCC PART 15 class B_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: tablet PC

M/N: MID1026-IB

Mode: BT MODE

Note:

No. Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1500	47.83	0.00	47.83	66.00	-18.17	QP	
2	0.1500	29.93	0.00	29.93	56.00	-26.07	AVG	
3	0.1750	47.98	0.00	47.98	64.72	-16.74	QP	
4	0.1750	35.48	0.00	35.48	54.72	-19.24	AVG	
5	0.4900	48.33	0.00	48.33	56.17	-7.84	QP	
6 *	0.4900	40.79	0.00	40.79	46.17	-5.38	AVG	
7	0.5300	46.36	0.00	46.36	56.00	-9.64	QP	
8	0.5300	35.40	0.00	35.40	46.00	-10.60	AVG	
9	3.3350	43.16	0.00	43.16	56.00	-12.84	QP	
10	3.3350	29.45	0.00	29.45	46.00	-16.55	AVG	
11	6.7800	43.66	0.00	43.66	60.00	-16.34	QP	
12	6.7800	32.12	0.00	32.12	50.00	-17.88	AVG	

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

File :TUVData :#2451

Page: 1