

FCC VERIFICATION TEST REPORT

For Electromagnetic Interference of

Report Reference No.: 14FAS04014 21

Date of issue: 2014-05-09

Testing Laboratory: ATT Product Service Co., Ltd.
Address: No. 3, ChangLianShan Industrial Park, ChangAn Town, DongGuan City, GuangDong, China.

Applicant's name: SHENZHEN ESER Industrial Design Co.,Ltd
Address: 2010-2011 Huafeng international business building, NO.4018 Road BAOAN,BAOAN District SHENZHEN

Manufacturer: SHENZHEN ESER Industrial Design Co.,Ltd

Test specification:

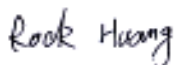
Test item description.....: Health perception computer

Trade Mark: --

Model/Type reference: ES99AH1

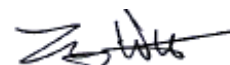
Ratings: I/P: 9Vdc,2A via adapter
Adapter information (Model: MX18L1-0902000C, I/P:100-240V-0.5A 50/60Hz, O/P:9Vd.c 2A)

Responsible Engineer



(Rock Huang/ Engineer)

Approved by



(Tomy Wu /EMC Manager)

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NO.L3098

PRODUCT SERVICE

1. CERTIFICATION

Testing Laboratory: ATT Product Service Co., Ltd.
Address.....: No. 3, ChangLianShan Industrial Park, ChangAn Town,
DongGuan City, GuangDong, China.

Applicant's name: SHENZHEN ESER Industrial Design Co.,Ltd
Address.....: 2010-2011 Huafeng international business building, NO.4018
Road BAOAN,BAOAN District SHENZHEN

Manufacturer: Same as applicant
Address.....: Same as applicant

Factory.....: Shin Tech Engineering, Ltd
Address.....: Dengwulou Industrial District Qiaotou Town Dongguan
Guangdong, China

Test specification:

Test item description.....: Health perception computer

Trade Mark: --

Model/Type reference: ES99AH1

Test Sample: ES99AH1

Ratings.....: I/P: 9Vdc,2A via adapter
Adapter information (Model: MX18L1-0902000C, I/P:100-240V-
0.5A 50/60Hz, O/P:9Vd.c 2A)

Tested Power: AC 120V 60Hz

Standards: FCC Part 15 Subpart B

The device described above was tested by ATT Product Service Co., Ltd to determine the maximum emission levels emanated from the device and severity levels of the device endure and its performance criterion. The measurement results are contained in this test report and ATT Product Service Co., Ltd assumes full responsibility for the accuracy and completeness of these measurements. This report shows the EUT is technically compliance with the Part 15 Subpart B, ANSI C63.4 official requirements. This report applies to the above sample only and shall not be reproduced in part without written approval of ATT Product Service Co., Ltd.

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

EMC Emission				
Standard	Test Item	Limit	Judgment	Remark
FCC Part 15 B	Conducted Emission	Clause 15.107	PASS	
	Radiated Emission	Clause 15.109	PASS	

2.1 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95 %.

A. Conducted Measurement :

Test Site	Method	Measurement Frequency Range	U , (dB)	NOTE
C01	ANSI	150 KHz ~ 30MHz	2.44	

B. Radiated Measurement :

Test Site	Method	Measurement Frequency Range	Ant. H / V	U , (dB)	NOTE
R03	ANSI	30MHz ~ 200MHz	V	3.42	
		30MHz ~ 200MHz	H	3.52	
		200MHz ~ 1,000MHz	V	3.52	
		200MHz ~ 1,000MHz	H	3.54	
		1GHz ~ 6GHz	V	4.08	
		1GHz ~ 6GHz	H	4.08	

Note: The highest internal source of the EUT is 1.2GHz,the measurement shall only be Made up to 6GHz.

2.2 DESCRIPTION OF TEST MODES AND ASSISTANT EQUIPMENT FOR TEST

2.2.1 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	Video Playing
Mode 2	data transmitting mode
Mode 3	Connected PC
Mode 4	Health test

For Conducted Test	
Final Test Mode	Description
Mode 1	Video Playing
Mode 2	data transmitting mode
Mode 3	Health test

For Radiated Test	
Final Test Mode	Description
Mode 1	Video Playing
Mode 2	data transmitting mode
Mode 3	Connected PC
Mode 4	Health test

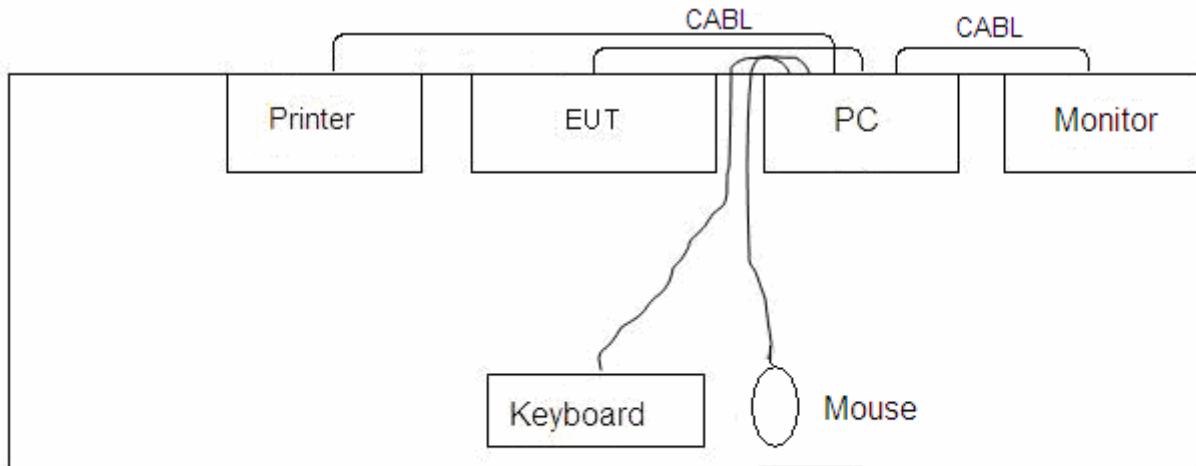
2.3 EQUIPMENT USED DURING TESTING:

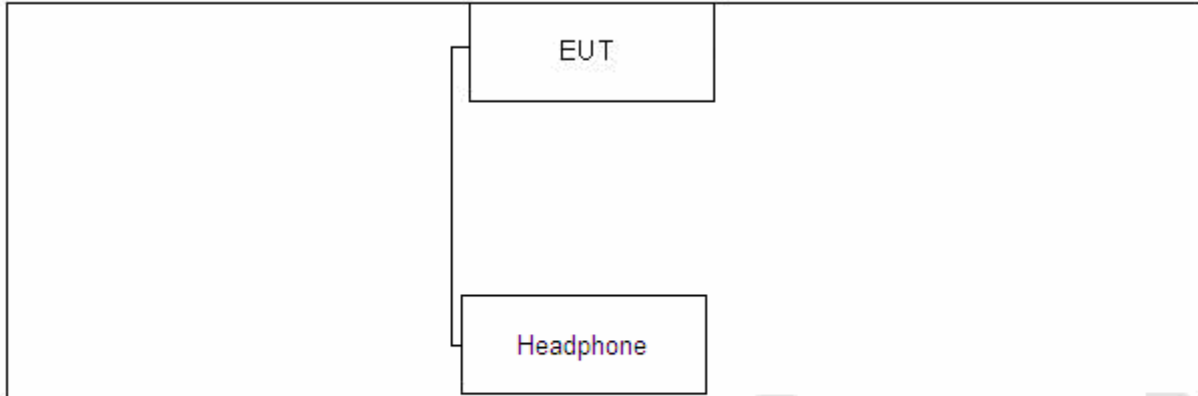
Product Type*	Device	Manufacturer	Model No.	Comments
AE	PC	Lenovo	Jiayue E R500	SS09845833
AE	Mouse	Lenovo	45J4886	44F0301
AE	keyboard	Lenovo	JME7053	2C087729
AE	Monitor	Lenovo	L1961WC	8M04771C2513094
AE	Printer	Epson	P952B	AXQ0018586
AE	Headphone	Senicc	ST-2688	1.8m Non-Shielding
CABL	USB Cable	---	---	1.2m Shielding with core

*Note: Use abbreviations:

- EUT - Equipment Under Test,
- AE - Auxiliary/Associated Equipment, or
- SIM - Simulator (Not Subjected to Test)
- CABL – Connecting cables

2.4 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED





3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION (Frequency Range 150KHz-30MHz)

FREQUENCY (MHz)	Class B (dBuV)	
	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

3.1.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Pulse Limiter	MTS-systemtechnik	MTS-IMP-136	261115-010-0024	12/21/2014
2	EMI Test Receiver	R&S	ESCI	101308	12/21/2014
3	LISN	AFJ	LS16	16011103219	12/21/2014
4	LISN	SCHWARZBECK	NSLK 8127	8127-432	12/22/2014

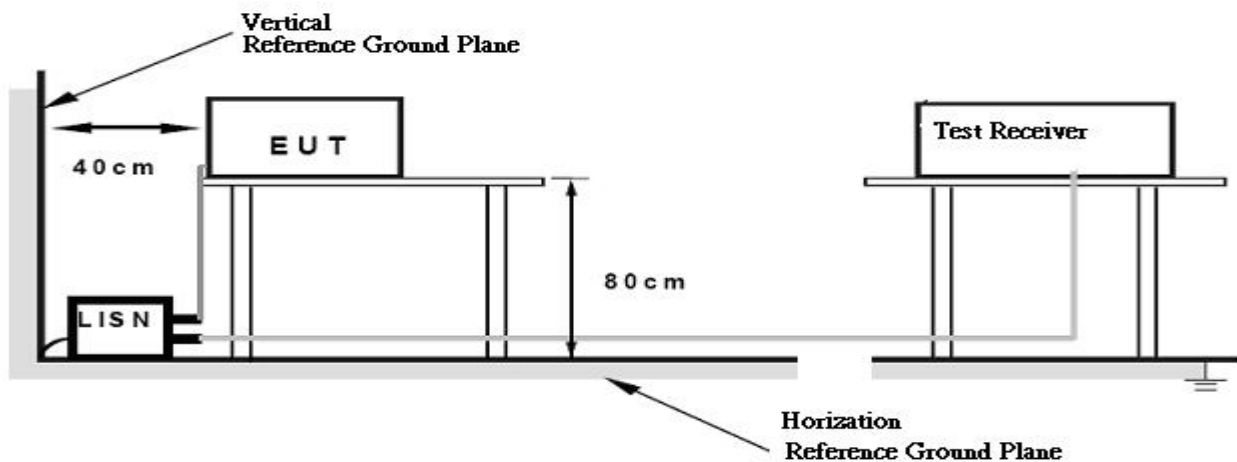
3.1.3 TEST PROCEDURE

- The EUT was placed 0.8 meters from the horizontal reference ground plane and 0.4 meters from vertical reference ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- LISN at least 80 cm from nearest part of EUT chassis.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

3.1.4 DEVIATION FROM TEST STANDARD

No deviation

3.1.5 TEST SETUP



3.1.6 EUT OPERATING CONDITIONS

The EUT exercise program used during radiated and/or conducted emission measurement was designed to exercise the various system components in a manner similar to a typical use.

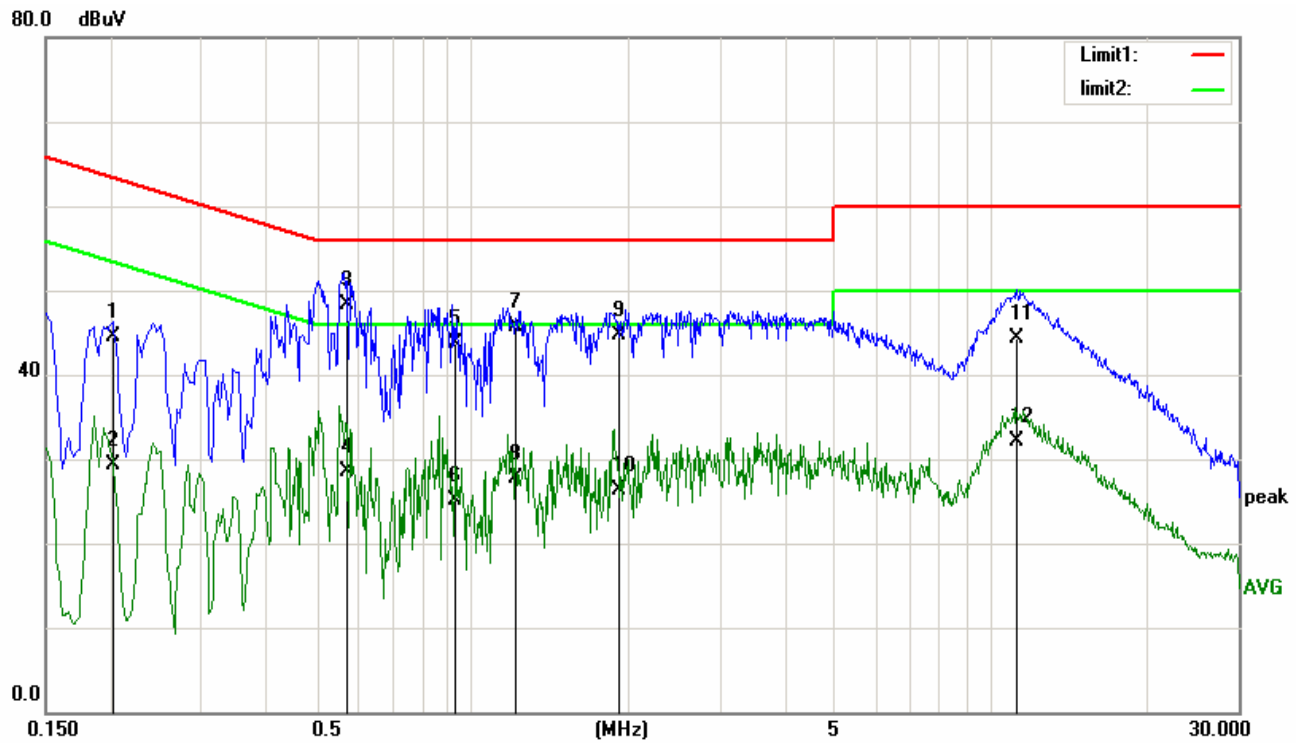
3.1.7 TEST RESULTS

EUT :	Health perception computer	Model No. :	ES99AH1
Temperature :	24℃	Relative Humidity:	55 %
Pressure :	1008 hPa	Test Power :	AC 120V/60Hz
Test Mode :	Video Playing/ data transmitting mode/ Health test		

Remark

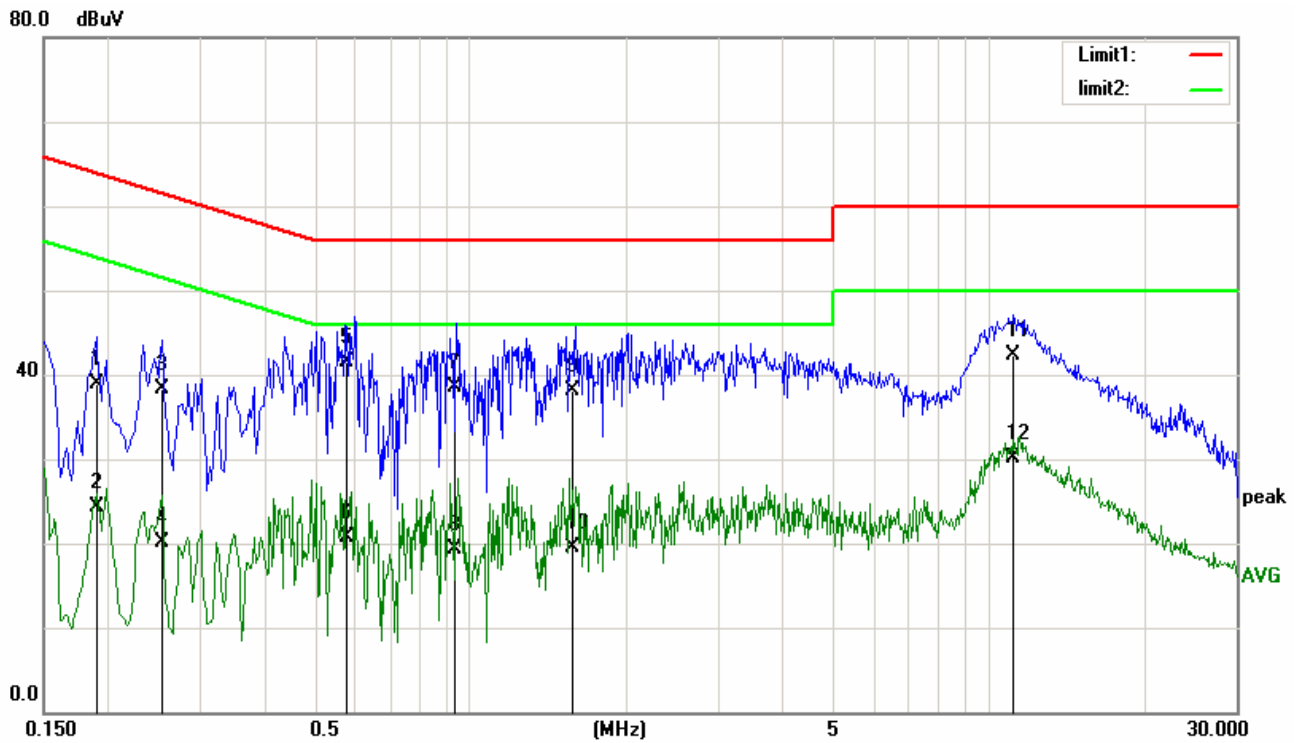
- (1) Reading in which marked as QP means measurements by using are Quasi-Peak Mode with Detector BW=9KHz : SPA setting in RBW=10KHz,VBW =10KHz, Sweep. Time = 0.3 sec./MHz. Reading in which marked as AV means measurements by using are Average Mode with instrument setting in RBW=1MHz,VBW=10Hz, Sweep. Time =0.3 sec./MHz.
- (2) All readings are QP Mode value unless otherwise stated AVG in column of 『Note』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform. In this case, a “ * ” marked in AVG Mode column of Interference Voltage Measured.
- (3) Measuring frequency range from 150KHz to 30MHz.

EUT:	Health perception computer	Model No.:	ES99AH1
Temperature:	24°C	Relative Humidity:	55%
Probe:	L1	Test Power:	AC 120V/60Hz
Standard:	(CE)FCC PART 15 class B_QP	Test Result:	Pass
Test Mode:	Video Playing	Test By:	Vito



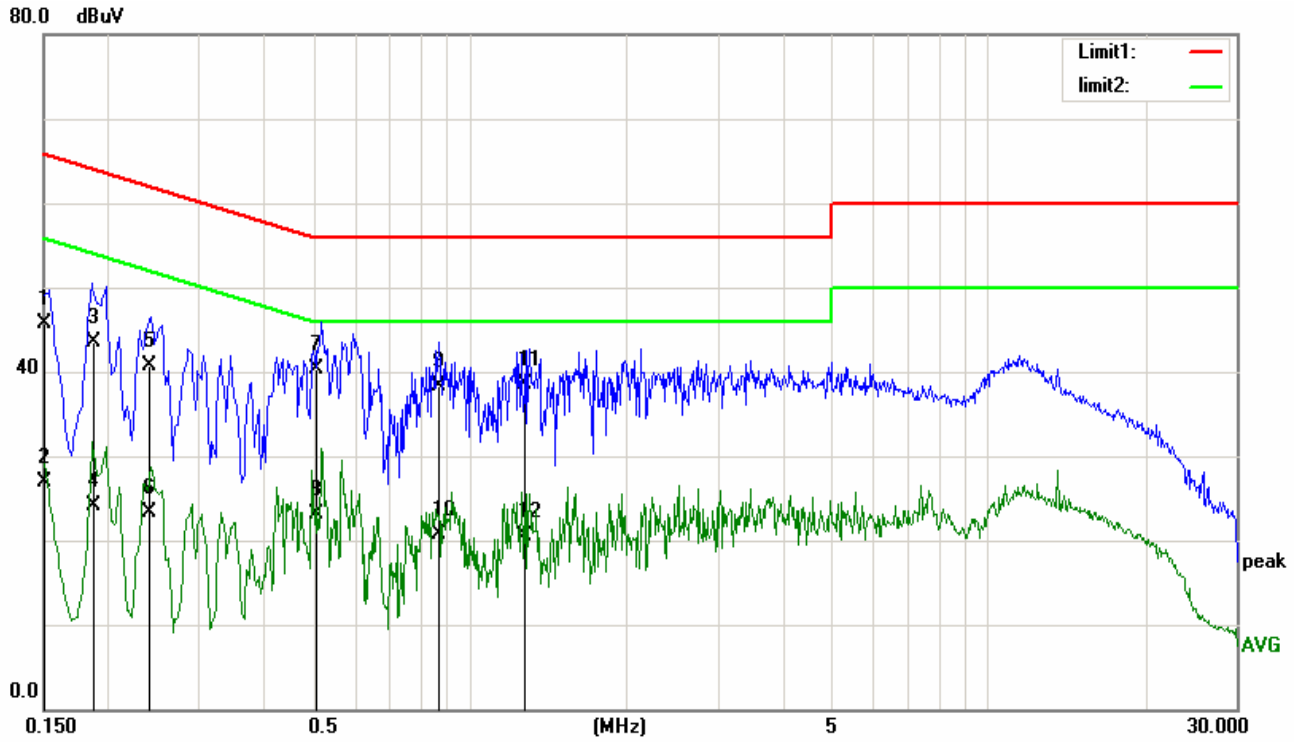
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.2010	33.35	11.12	44.47	63.56	-19.09	QP
2	0.2010	18.23	11.12	29.35	53.56	-24.21	AVG
3	0.5697	38.20	10.16	48.36	56.00	-7.64	QP
4	0.5697	18.41	10.16	28.57	46.00	-17.43	AVG
5	0.9249	33.65	10.10	43.75	56.00	-12.25	QP
6	0.9249	15.07	10.10	25.17	46.00	-20.83	AVG
7	1.2151	35.63	10.10	45.73	56.00	-10.27	QP
8	1.2151	17.70	10.10	27.80	46.00	-18.20	AVG
9	1.9237	34.63	10.11	44.74	56.00	-11.26	QP
10	1.9237	16.20	10.11	26.31	46.00	-19.69	AVG
11	11.2633	34.24	10.15	44.39	60.00	-15.61	QP
12	11.2633	21.88	10.15	32.03	50.00	-17.97	AVG

EUT:	Health perception computer	Model No.:	ES99AH1
Temperature:	24°C	Relative Humidity:	55%
Probe:	N	Test Power:	AC 120V/60Hz
Standard:	(CE)FCC PART 15 class B_QP	Test Result:	Pass
Test Mode:	Video Playing	Test By:	Vito



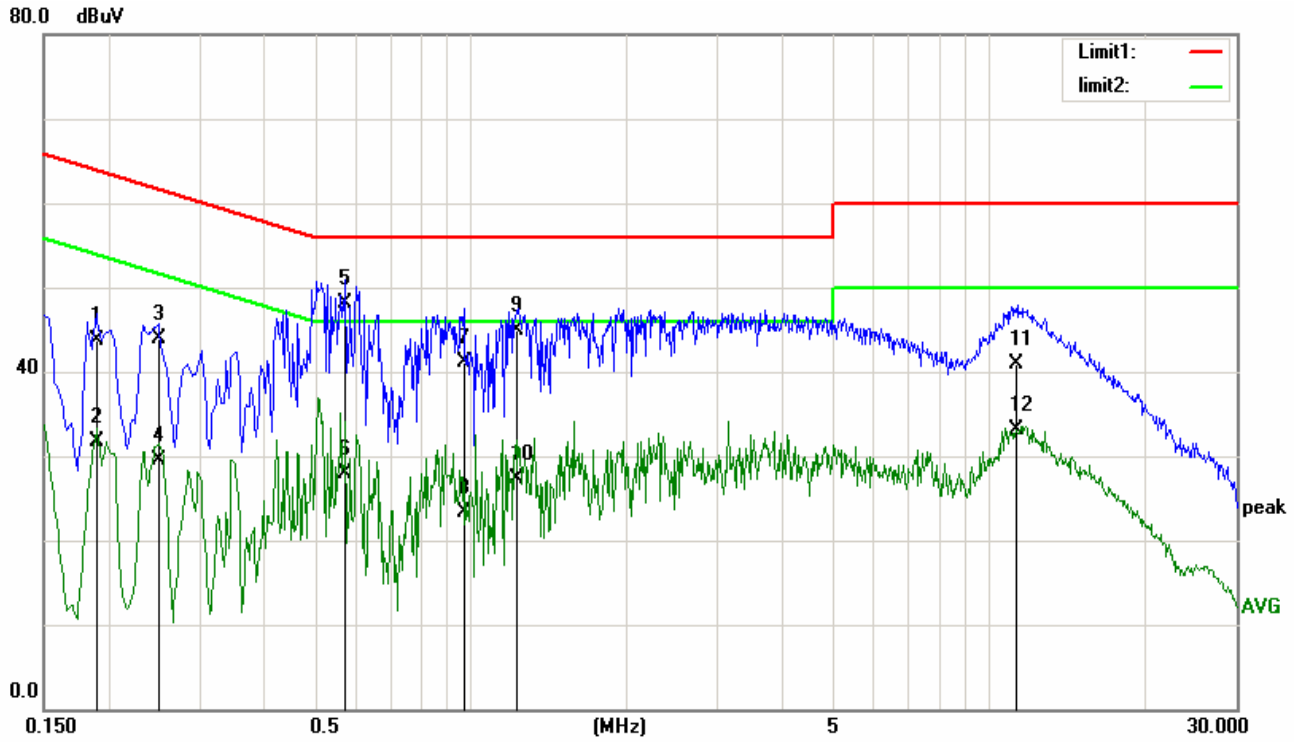
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1905	27.68	11.19	38.87	64.01	-25.14	QP
2	0.1905	13.18	11.19	24.37	54.01	-29.64	AVG
3	0.2525	27.55	10.76	38.31	61.67	-23.36	QP
4	0.2525	9.37	10.76	20.13	51.67	-31.54	AVG
5	0.5808	31.44	10.16	41.60	56.00	-14.40	QP
6	0.5808	10.45	10.16	20.61	46.00	-25.39	AVG
7	0.9366	28.31	10.10	38.41	56.00	-17.59	QP
8	0.9366	9.14	10.10	19.24	46.00	-26.76	AVG
9	1.5766	28.03	10.11	38.14	56.00	-17.86	QP
10	1.5766	9.30	10.11	19.41	46.00	-26.59	AVG
11	11.2432	32.10	10.15	42.25	60.00	-17.75	QP
12	11.2432	19.89	10.15	30.04	50.00	-19.96	AVG

EUT:	Health perception computer	Model No.:	ES99AH1
Temperature:	24°C	Relative Humidity:	55%
Probe:	N	Test Power:	AC 120V/60Hz
Standard:	(CE)FCC PART 15 class B_QP	Test Result:	Pass
Test Mode:	Data transmitting mode	Test By:	Vito



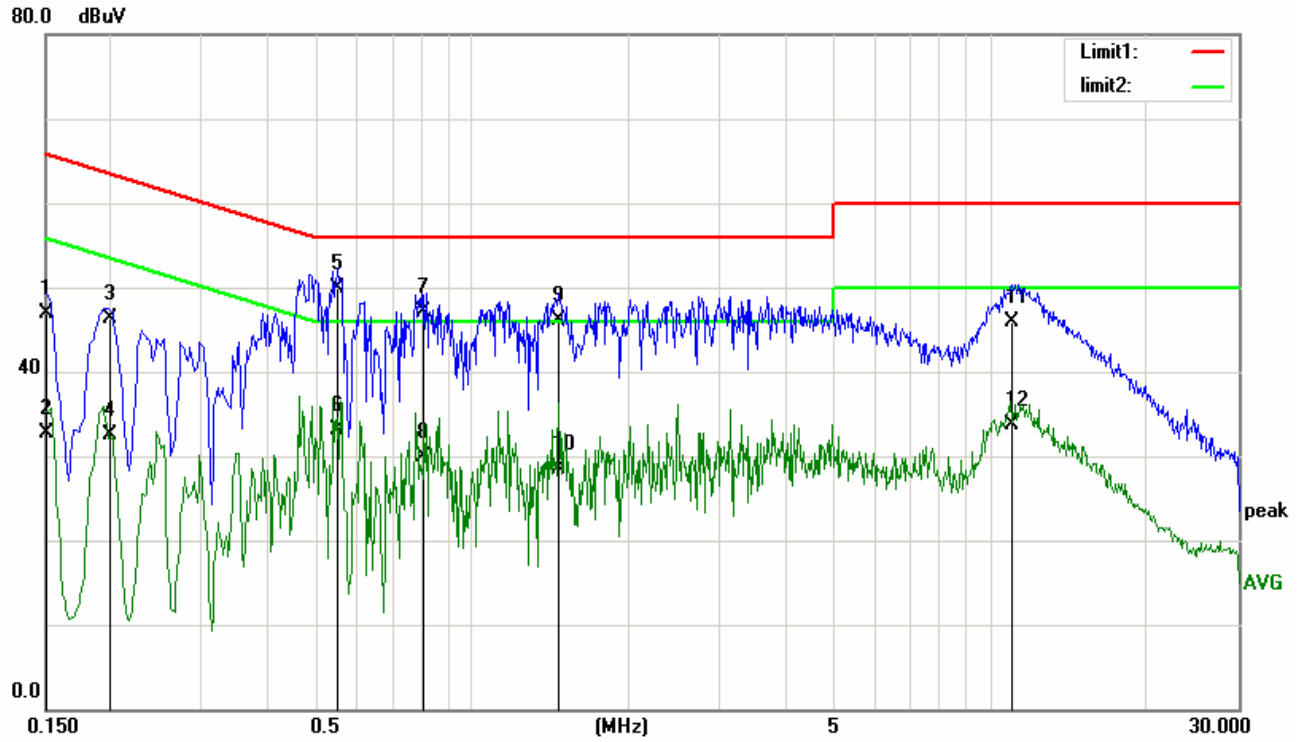
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1504	34.30	11.47	45.77	65.97	-20.20	QP
2	0.1504	15.44	11.47	26.91	55.97	-29.06	AVG
3	0.1876	32.20	11.21	43.41	64.14	-20.73	QP
4	0.1876	12.83	11.21	24.04	54.14	-30.10	AVG
5	0.2387	29.91	10.86	40.77	62.14	-21.37	QP
6	0.2387	12.43	10.86	23.29	52.14	-28.85	AVG
7	0.5049	30.22	10.18	40.40	56.00	-15.60	QP
8	0.5049	13.02	10.18	23.20	46.00	-22.80	AVG
9	0.8678	28.20	10.09	38.29	56.00	-17.71	QP
10	0.8678	10.60	10.09	20.69	46.00	-25.31	AVG
11	1.2681	28.33	10.10	38.43	56.00	-17.57	QP
12	1.2681	10.32	10.10	20.42	46.00	-25.58	AVG

EUT:	Health perception computer	Model No.:	ES99AH1
Temperature:	24℃	Relative Humidity:	55%
Probe:	L1	Test Power:	AC 120V/60Hz
Standard:	(CE)FCC PART 15 class B_QP	Test Result:	Pass
Test Mode:	Data transmitting mode	Test By:	Vito



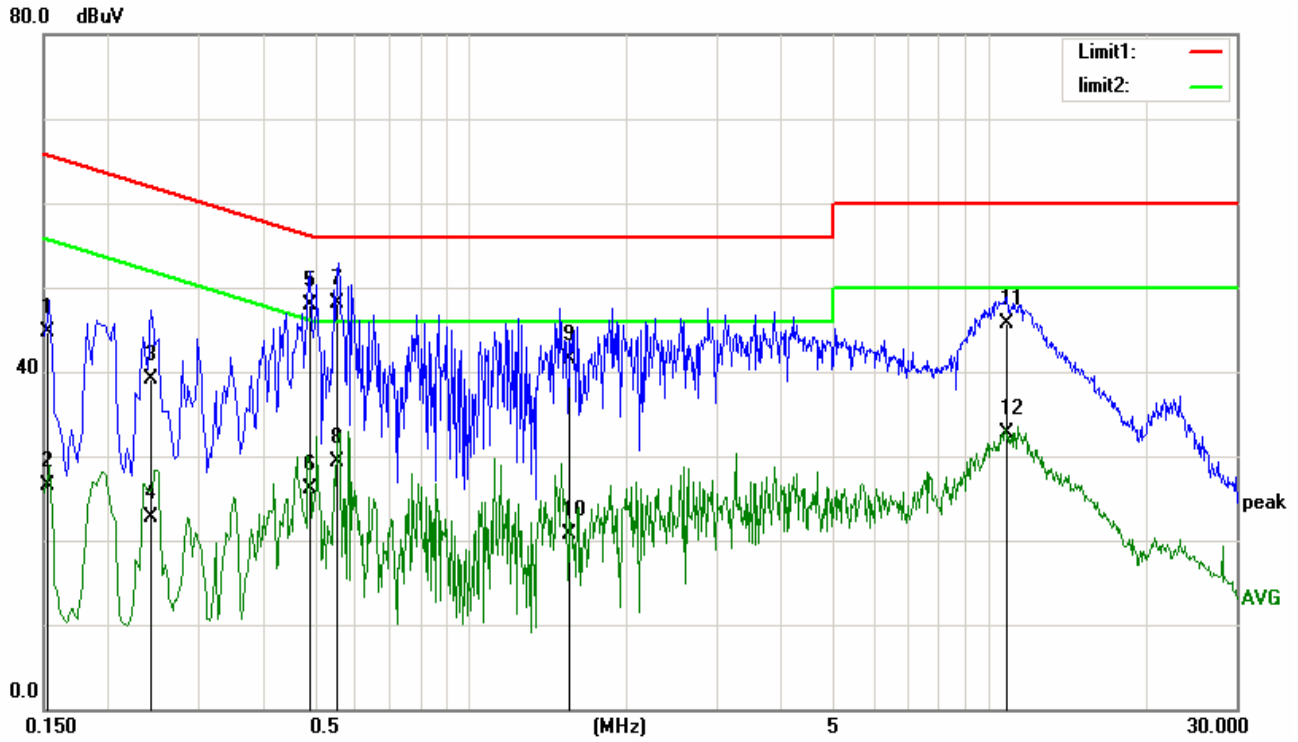
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1888	32.54	11.20	43.74	64.08	-20.34	QP
2	0.1888	20.59	11.20	31.79	54.08	-22.29	AVG
3	0.2498	33.06	10.78	43.84	61.76	-17.92	QP
4	0.2498	18.81	10.78	29.59	51.76	-22.17	AVG
5	0.5757	37.98	10.16	48.14	56.00	-7.86	QP
6	0.5757	17.72	10.16	27.88	46.00	-18.12	AVG
7	0.9666	31.03	10.09	41.12	56.00	-14.88	QP
8	0.9666	13.18	10.09	23.27	46.00	-22.73	AVG
9	1.2236	34.90	10.10	45.00	56.00	-11.00	QP
10	1.2236	17.29	10.10	27.39	46.00	-18.61	AVG
11	11.2819	30.68	10.15	40.83	60.00	-19.17	QP
12	11.2819	23.04	10.15	33.19	50.00	-16.81	AVG

EUT:	Health perception computer	Model No.:	ES99AH1
Temperature:	24°C	Relative Humidity:	55%
Probe:	L1	Test Power:	AC 120V/60Hz
Standard:	(CE)FCC PART 15 class B_QP	Test Result:	Pass
Test Mode:	Health test	Test By:	Vito



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1514	35.41	11.46	46.87	65.92	-19.05	QP
2	0.1514	21.25	11.46	32.71	55.92	-23.21	AVG
3	0.2000	35.27	11.13	46.40	63.61	-17.21	QP
4	0.2000	21.42	11.13	32.55	53.61	-21.06	AVG
5	0.5534	39.78	10.16	49.94	56.00	-6.06	QP
6	0.5534	23.02	10.16	33.18	46.00	-12.82	AVG
7	0.8058	37.00	10.09	47.09	56.00	-8.91	QP
8	0.8058	19.74	10.09	29.83	46.00	-16.17	AVG
9	1.4695	35.98	10.10	46.08	56.00	-9.92	QP
10	1.4695	18.48	10.10	28.58	46.00	-17.42	AVG
11	10.9952	35.74	10.15	45.89	60.00	-14.11	QP
12	10.9952	23.62	10.15	33.77	50.00	-16.23	AVG

EUT:	Health perception computer	Model No.:	ES99AH1
Temperature:	24℃	Relative Humidity:	55%
Probe:	N	Test Power:	AC 120V/60Hz
Standard:	(CE)FCC PART 15 class B_QP	Test Result:	Pass
Test Mode:	Health test	Test By:	Vito



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1521	33.30	11.45	44.75	65.88	-21.13	QP
2	0.1521	15.06	11.45	26.51	55.88	-29.37	AVG
3	0.2409	28.28	10.84	39.12	62.06	-22.94	QP
4	0.2409	11.95	10.84	22.79	52.06	-29.27	AVG
5	0.4876	37.61	10.20	47.81	56.21	-8.40	QP
6	0.4876	15.99	10.20	26.19	46.21	-20.02	AVG
7	0.5502	37.88	10.16	48.04	56.00	-7.96	QP
8	0.5502	19.17	10.16	29.33	46.00	-16.67	AVG
9	1.5401	31.44	10.11	41.55	56.00	-14.45	QP
10	1.5401	10.66	10.11	20.77	46.00	-25.23	AVG
11	10.8118	35.52	10.15	45.67	60.00	-14.33	QP
12	10.8118	22.61	10.15	32.76	50.00	-17.24	AVG

3.2 RADIATED EMISSION MEASUREMENT

3.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

FREQUENCY RANGE OF RADIATED MEASUREMENT (For FCC)

FCC Class B Limit at 3m

Frequency	Distance	Field Strength	
MHz	Meter	$\mu\text{V/m}$	$\text{dB}\mu\text{V/m}$
30 to 88	3	100	40.0
88 to 216	3	150	43.5
216 to 960	3	200	46.0
Above 960	3	500	54.0

3.2.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Log-Bicon Antenna	SCHWARZBECK	VULB9168	VULB9168-192	12/27/2014
2	Pre-Amplifier	HP	8447F	3113A05680	12/21/2014
3	EMI Test Receiver	R&S	ESCI	101307	12/21/2014
4	Spectrum Analyzer	Agilent	E4407B	US40240708	07/17/2014
5	Horn Antenna	Schwarzbeck	BBHA 9120D	BBHA 9120D 1065	12/21/2014
6	Pre-Amplifier	CY	EMC011830	980136	12/22/2014
7	Turn Table	UC	UC3000	N/A	N/A
8	Antenna Mast	UC	UC3000	N/A	N/A

Remark: " N/A" denotes No Model No. / Serial No. and No Calibration specified.

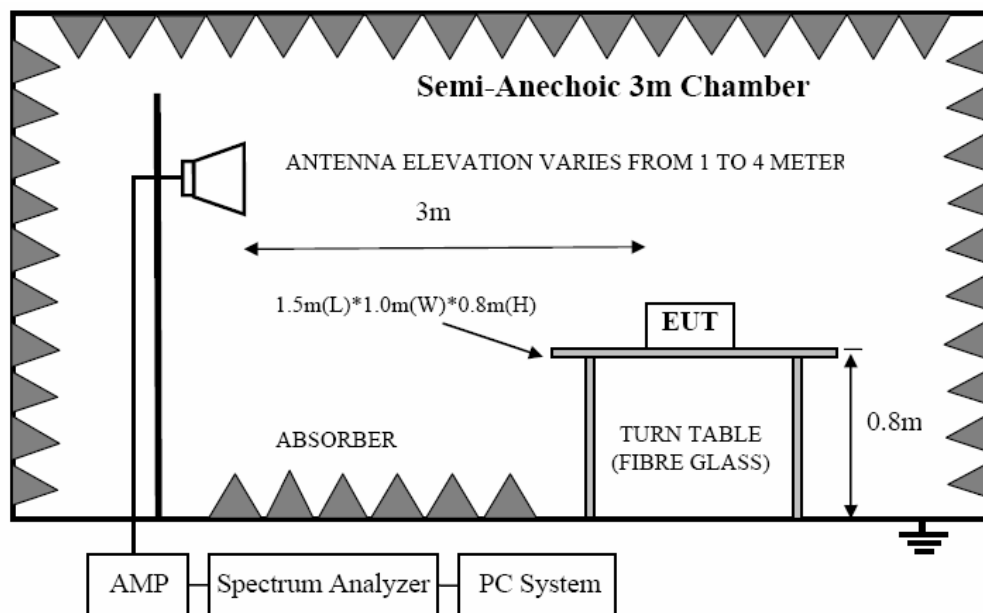
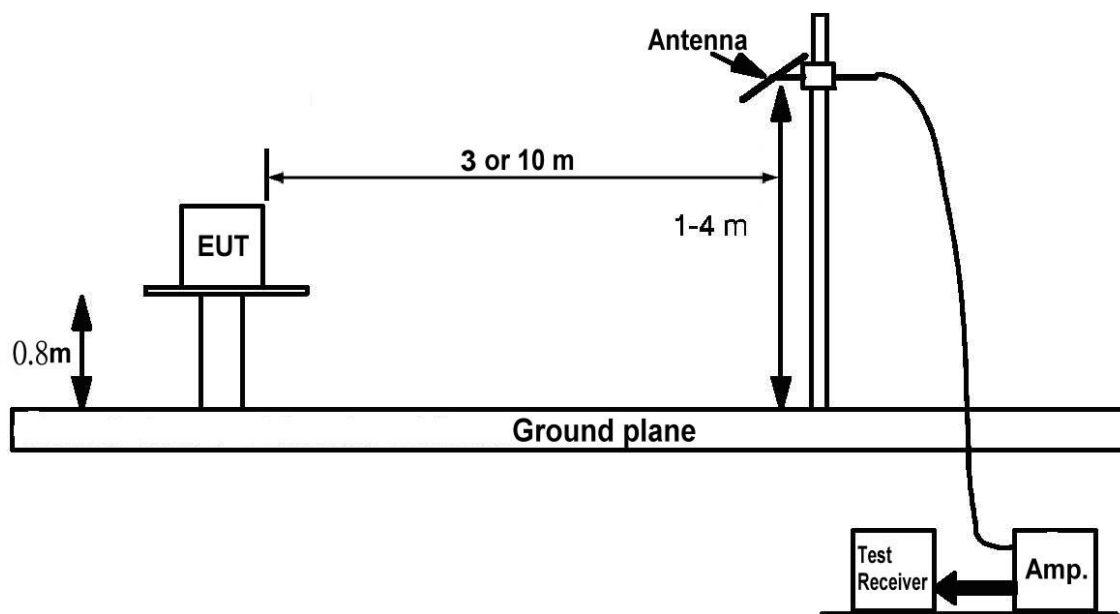
3.2.3 TEST PROCEDURE

- a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3m or 10 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.
- g. For emissions above 1GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1MHz, VBW is set at 3MHz for Peak measure, Detector is at PK; RBW is set at 1MHz, VBW is set at 1Hz for Average measure, Detector is at AV.

3.2.4 DEVIATION FROM TEST STANDARD

No deviation

3.2.5 TEST SETUP



3.2.6 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.2 Unless otherwise a special operating condition is specified in the follows during the testing.

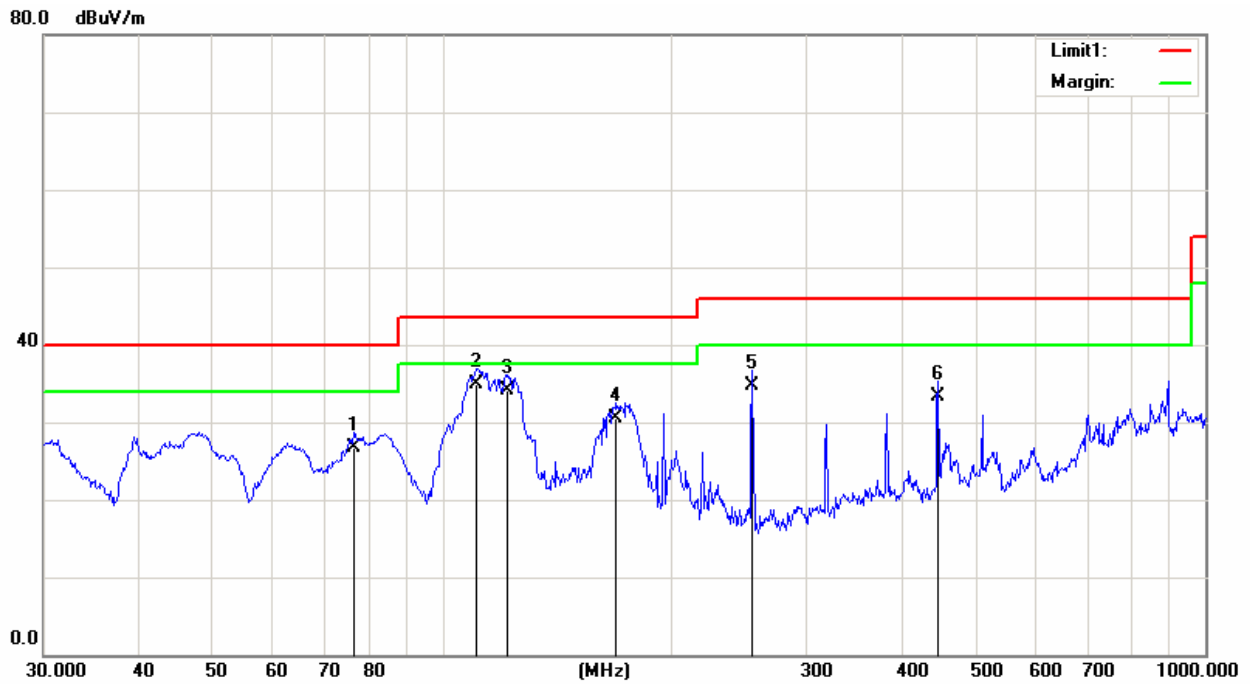
3.2.7 TEST RESULTS

EUT :	Health perception computer	Model No. :	ES99AH1
Temperature :	24℃	Relative Humidity:	55 %
Pressure :	1009 hPa	Test Power :	AC 120V/60Hz
Test Mode :	Video Playing/ data transmitting mode/ Connected PC/ Health test		

Remark :

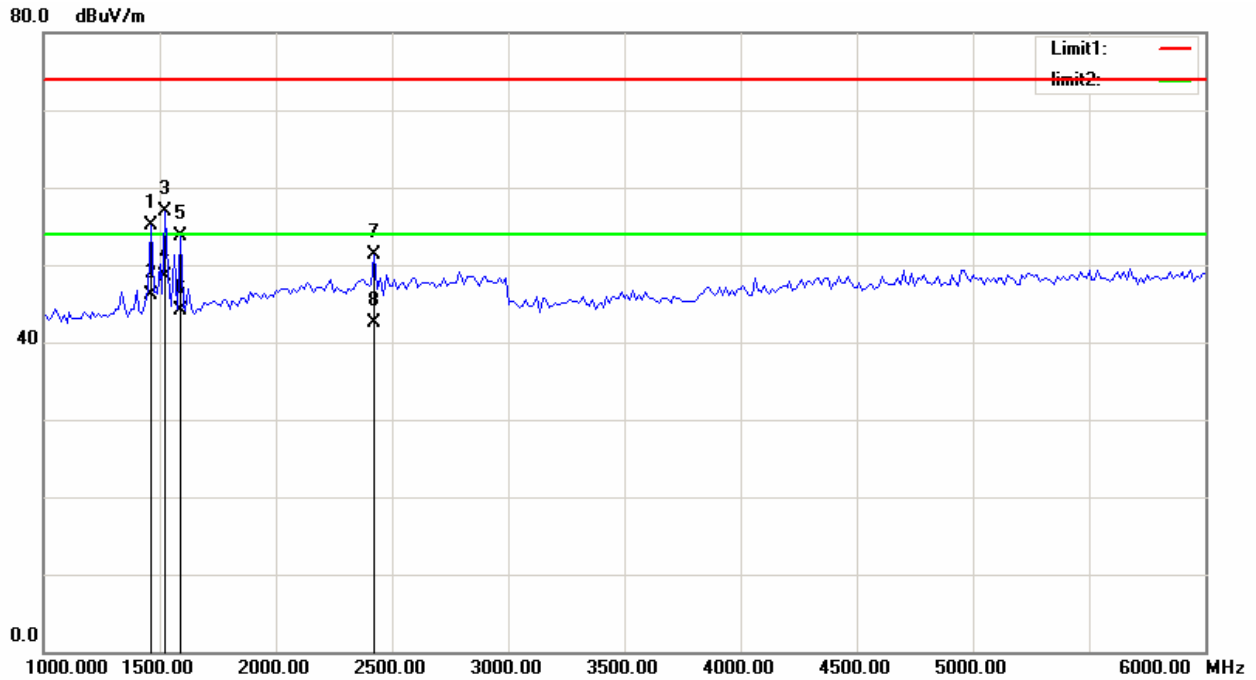
- (1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz ; SPA setting in RBW=120KHz, VBW =120KHz, Sweep. Time = 0.3 sec./MHz.
- (2) All readings are Peak unless otherwise stated QP in column of 『Note 』 . Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 6000MHz.
- (4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table.

EUT:	Health perception computer	Model No.:	ES99AH1
Temperature:	24°C	Relative Humidity:	55%
Distance:	3m	Test Power:	AC 120V/60Hz
Polarization:	Vertical	Test Result:	Pass
Standard:	(RE)FCC PART 15 class B 3m	Test By:	Vito
Test Mode:	Video Playing		



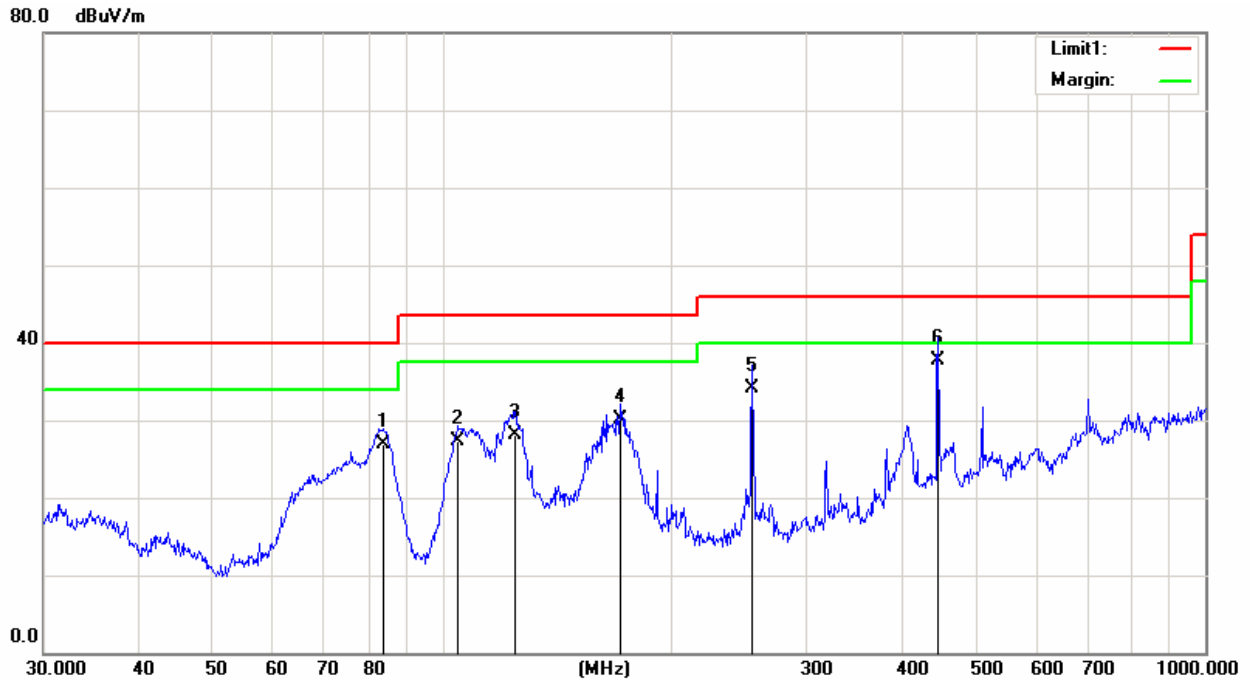
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	76.5121	40.62	-13.86	26.76	40.00	-13.24	QP
2	110.5687	46.76	-11.80	34.96	43.50	-8.54	QP
3	121.5485	45.61	-11.48	34.13	43.50	-9.37	QP
4	169.0054	38.66	-8.14	30.52	43.50	-12.98	QP
5	254.7281	43.47	-8.67	34.80	46.00	-11.20	QP
6	446.4141	36.54	-3.25	33.29	46.00	-12.71	QP

EUT:	Health perception computer	Model No.:	ES99AH1
Temperature:	24°C	Relative Humidity:	55%
Distance:	3m	Test Power:	AC 120V/60Hz
Polarization:	Vertical	Test Result:	Pass
Standard:	(RE)FCC PART 15 class B 3m	Test By:	Vito
Test Mode:	Video Playing		



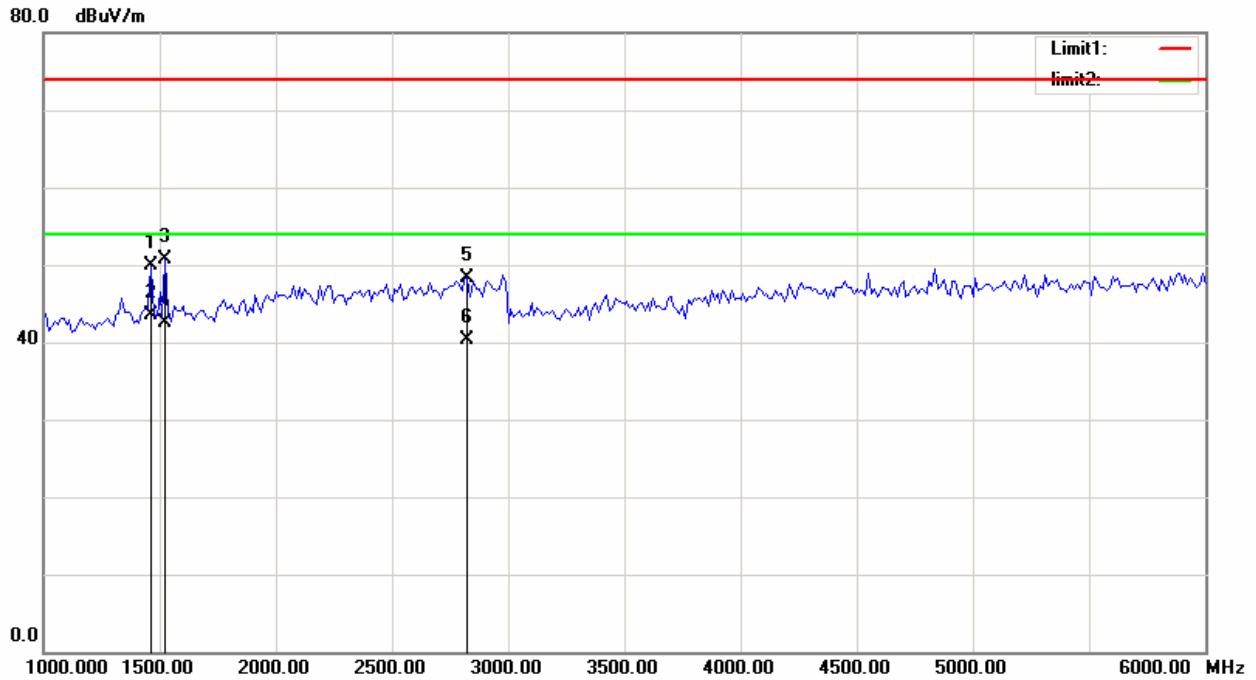
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1462.500	60.50	-5.39	55.11	74.00	-18.89	peak
2	1462.500	51.59	-5.39	46.20	54.00	-7.80	AVG
3	1525.000	62.44	-5.46	56.98	74.00	-17.02	peak
4	1525.000	53.96	-5.46	48.50	54.00	-5.50	AVG
5	1587.500	59.23	-5.54	53.69	74.00	-20.31	peak
6	1587.500	49.74	-5.54	44.20	54.00	-9.80	AVG
7	2425.000	53.35	-2.14	51.21	74.00	-22.79	peak
8	2425.000	44.64	-2.14	42.50	54.00	-11.50	AVG

EUT:	Health perception computer	Model No.:	ES99AH1
Temperature:	24°C	Relative Humidity:	55%
Distance:	3m	Test Power:	AC 120V/60Hz
Polarization:	Horizontal	Test Result:	Pass
Standard:	(RE)FCC PART 15 class B 3m	Test By:	Vito
Test Mode:	Video Playing		



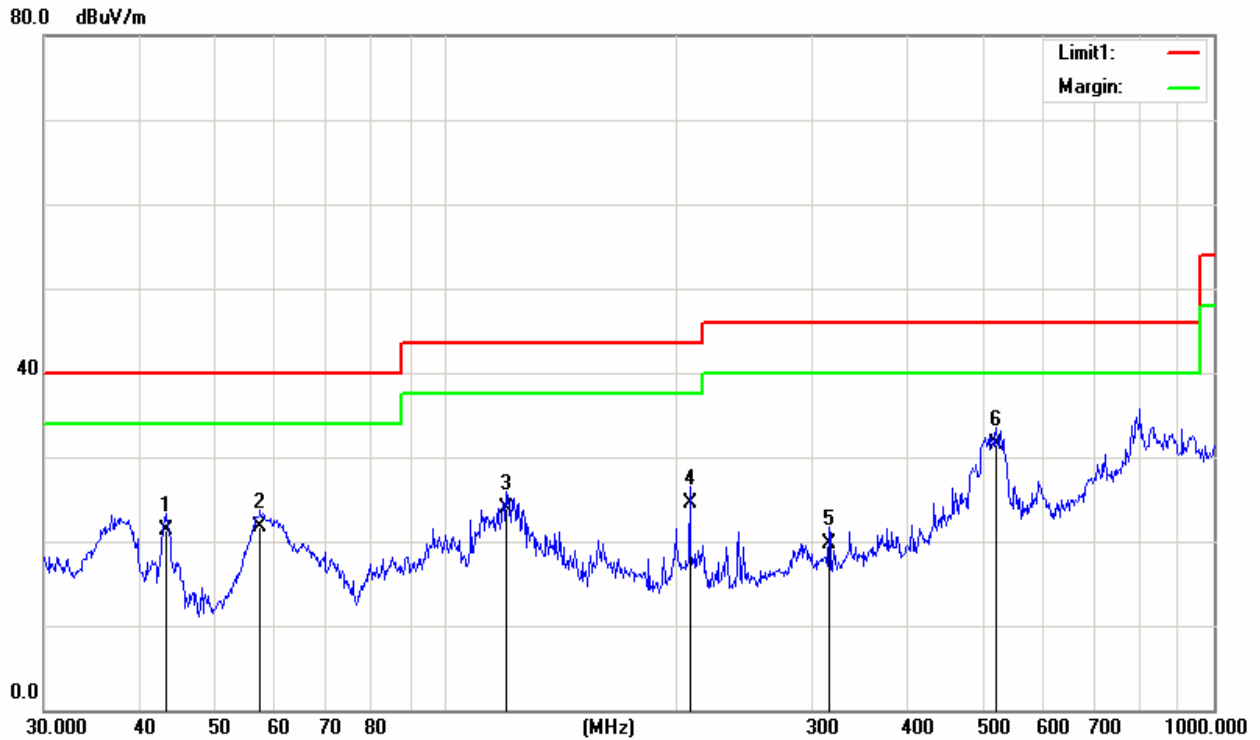
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	83.5220	44.05	-17.19	26.86	40.00	-13.14	QP
2	104.9033	43.77	-16.52	27.25	43.50	-16.25	QP
3	124.5690	40.57	-12.37	28.20	43.50	-15.30	QP
4	171.3925	41.09	-11.04	30.05	43.50	-13.45	QP
5	254.7281	44.86	-10.67	34.19	46.00	-11.81	QP
6	446.4141	40.01	-2.25	37.76	46.00	-8.24	QP

EUT:	Health perception computer	Model No.:	ES99AH1
Temperature:	24℃	Relative Humidity:	55%
Distance:	3m	Test Power:	AC 120V/60Hz
Polarization:	Horizontal	Test Result:	Pass
Standard:	(RE)FCC PART 15 class B 3m	Test By:	Vito
Test Mode:	Video Playing		



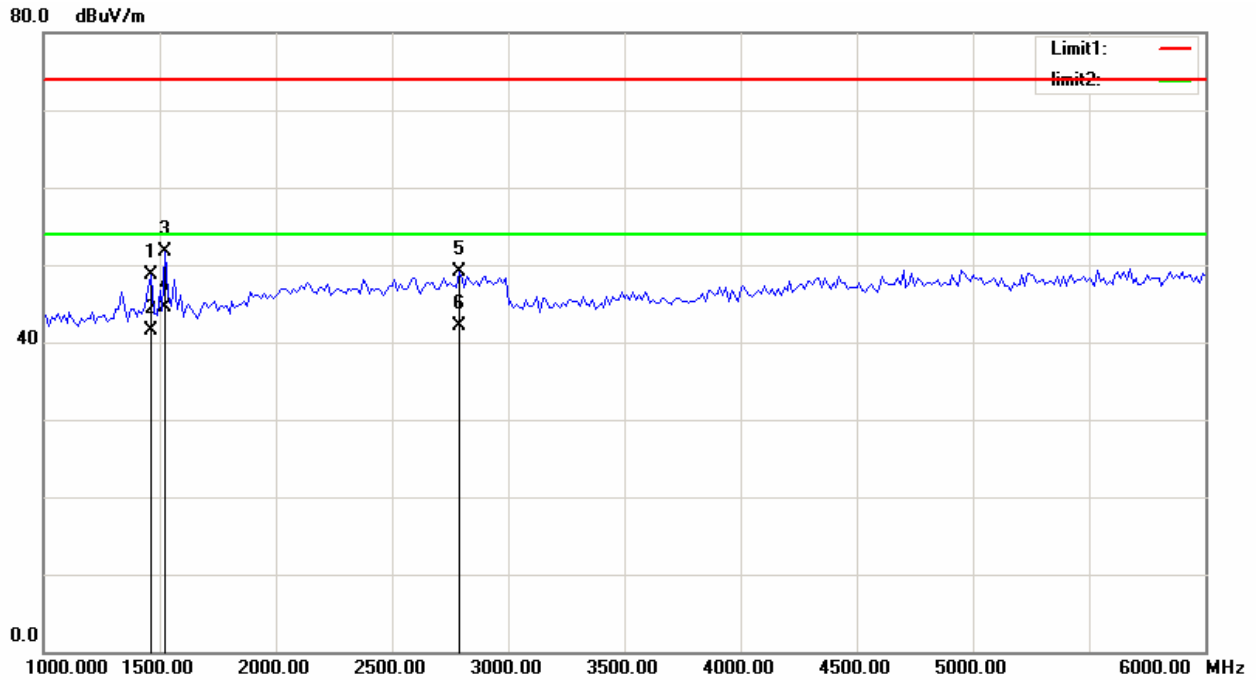
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1462.500	55.22	-5.39	49.83	74.00	-24.17	peak
2	1462.500	48.99	-5.39	43.60	54.00	-10.40	AVG
3	1525.000	56.12	-5.46	50.66	74.00	-23.34	peak
4	1525.000	47.96	-5.46	42.50	54.00	-11.50	AVG
5	2825.000	50.11	-1.71	48.40	74.00	-25.60	peak
6	2825.000	42.11	-1.71	40.40	54.00	-13.60	AVG

EUT:	Health perception computer	Model No.:	ES99AH1
Temperature:	24°C	Relative Humidity:	55%
Distance:	3m	Test Power:	AC 120V/60Hz
Polarization:	Vertical	Test Result:	Pass
Standard:	(RE)FCC PART 15 class B 3m	Test By:	Vito
Test Mode:	Connected PC		



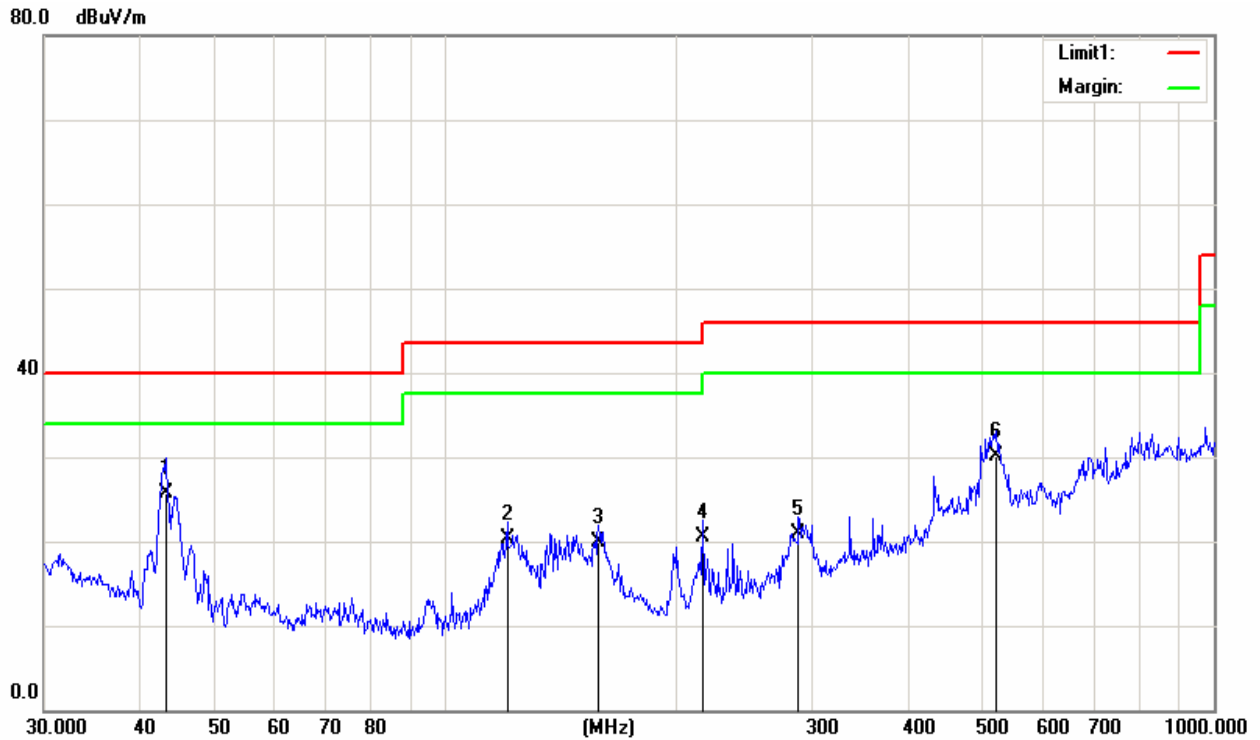
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	43.2017	35.24	-13.99	21.25	40.00	-18.75	QP
2	57.3922	34.07	-12.43	21.64	40.00	-18.36	QP
3	119.8555	35.45	-11.57	23.88	43.50	-19.62	QP
4	207.8500	33.09	-8.54	24.55	43.50	-18.95	QP
5	315.4806	26.52	-6.76	19.76	46.00	-26.24	QP
6	520.8881	31.89	-0.30	31.59	46.00	-14.41	QP

EUT:	Health perception computer	Model No.:	ES99AH1
Temperature:	24°C	Relative Humidity:	55%
Distance:	3m	Test Power:	AC 120V/60Hz
Polarization:	Vertical	Test Result:	Pass
Standard:	(RE)FCC PART 15 class B 3m	Test By:	Vito
Test Mode:	Connected PC		



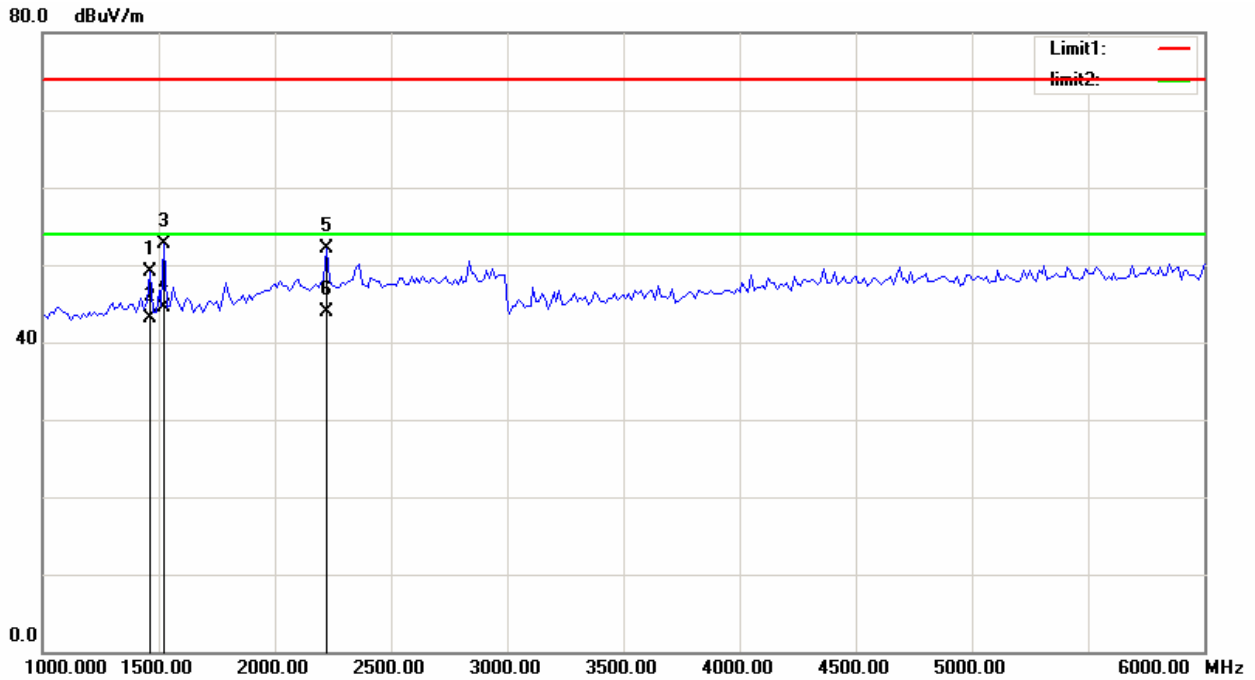
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1462.500	54.16	-5.39	48.77	74.00	-25.23	peak
2	1462.500	46.99	-5.39	41.60	54.00	-12.40	AVG
3	1525.000	57.24	-5.46	51.78	74.00	-22.22	peak
4	1525.000	49.96	-5.46	44.50	54.00	-9.50	AVG
5	2787.500	50.90	-1.74	49.16	74.00	-24.84	peak
6	2787.500	43.94	-1.74	42.20	54.00	-11.80	AVG

EUT:	Health perception computer	Model No.:	ES99AH1
Temperature:	24°C	Relative Humidity:	55%
Distance:	3m	Test Power:	AC 120V/60Hz
Polarization:	Horizontal	Test Result:	Pass
Standard:	(RE)FCC PART 15 class B 3m	Test By:	Vito
Test Mode:	Connected PC		



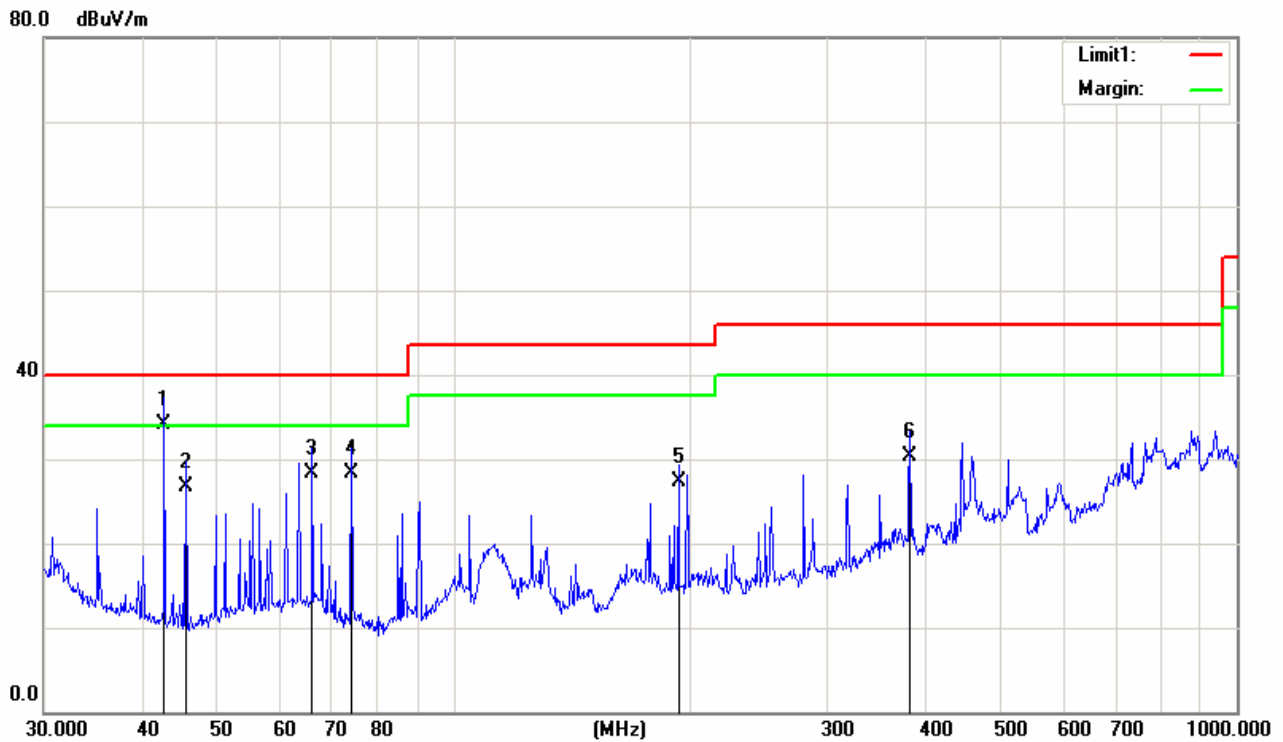
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	43.2017	39.51	-13.71	25.80	40.00	-14.20	QP
2	120.2766	33.84	-13.50	20.34	43.50	-23.16	QP
3	158.1123	31.37	-11.50	19.87	43.50	-23.63	QP
4	216.0240	32.88	-12.31	20.57	46.00	-25.43	QP
5	287.9904	29.47	-8.58	20.89	46.00	-25.11	QP
6	520.8882	30.22	-0.12	30.10	46.00	-15.90	QP

EUT:	Health perception computer	Model No.:	ES99AH1
Temperature:	24°C	Relative Humidity:	55%
Distance:	3m	Test Power:	AC 120V/60Hz
Polarization:	Horizontal	Test Result:	Pass
Standard:	(RE)FCC PART 15 class B 3m	Test By:	Vito
Test Mode:	Connected PC		



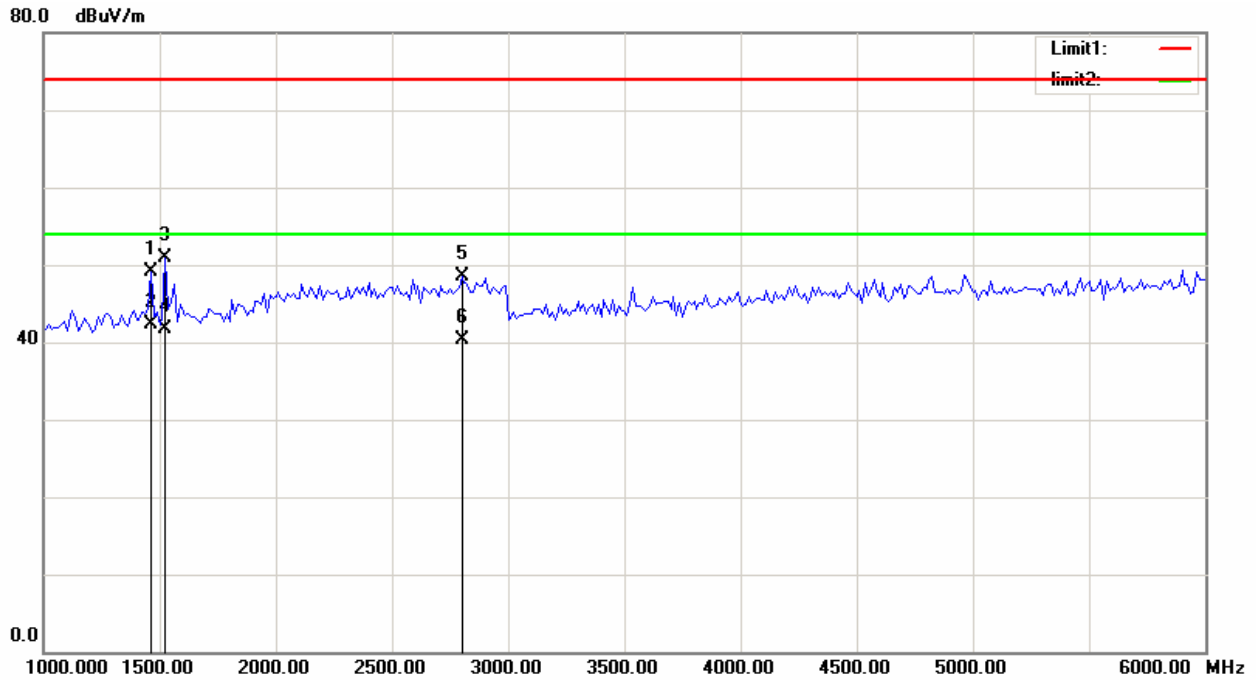
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1462.500	80.10	-30.96	49.14	74.00	-24.86	peak
2	1462.500	74.06	-30.96	43.10	54.00	-10.90	AVG
3	1525.000	83.66	-30.91	52.75	74.00	-21.25	peak
4	1525.000	75.51	-30.91	44.60	54.00	-9.40	AVG
5	2225.000	82.59	-30.51	52.08	74.00	-21.92	peak
6	2225.000	74.41	-30.51	43.90	54.00	-10.10	AVG

EUT:	Health perception computer	Model No.:	ES99AH1
Temperature:	24°C	Relative Humidity:	55%
Distance:	3m	Test Power:	AC 120V/60Hz
Polarization:	Vertical	Test Result:	Pass
Standard:	(RE)FCC PART 15 class B 3m	Test By:	Vito
Test Mode:	Data transmitting mode		



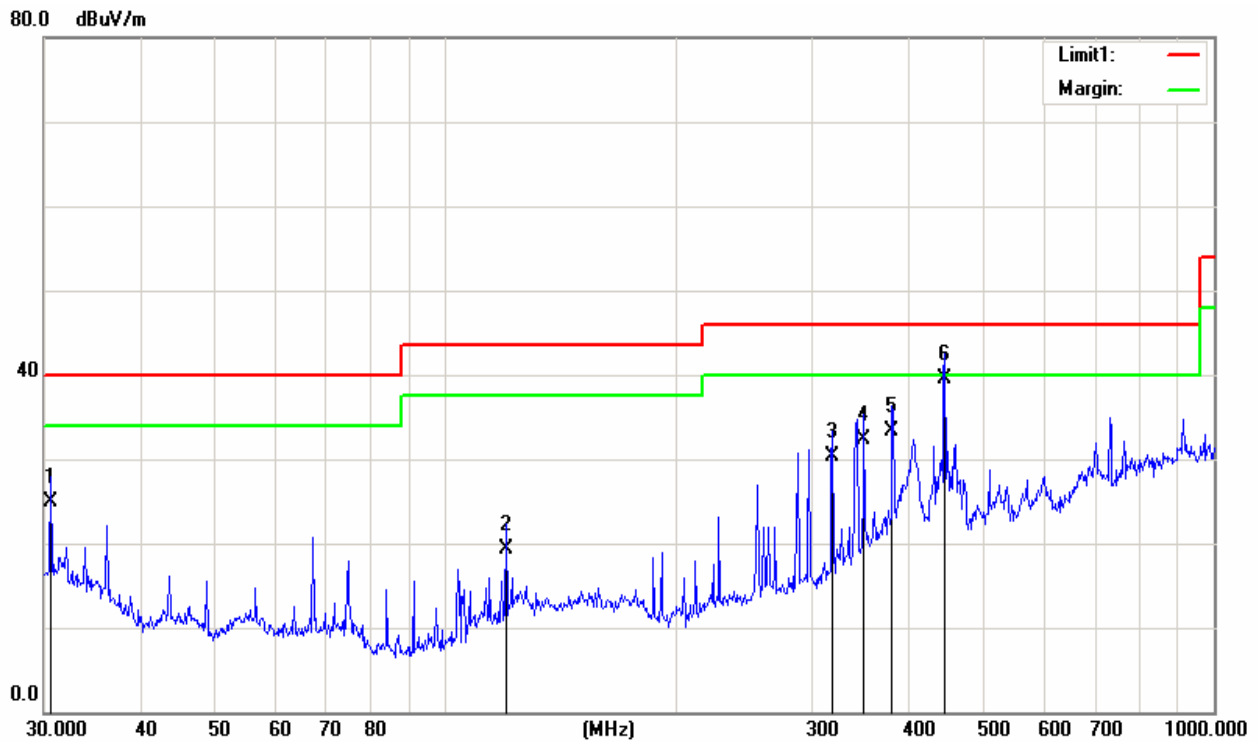
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	42.7496	48.10	-13.90	34.20	40.00	-5.80	QP
2	45.5347	40.95	-14.27	26.68	40.00	-13.32	QP
3	66.0340	40.41	-12.09	28.32	40.00	-11.68	QP
4	74.1350	41.82	-13.46	28.36	40.00	-11.64	QP
5	193.7727	36.82	-9.47	27.35	43.50	-16.15	QP
6	382.5878	35.16	-4.89	30.27	46.00	-15.73	QP

EUT:	Health perception computer	Model No.:	ES99AH1
Temperature:	24℃	Relative Humidity:	55%
Distance:	3m	Test Power:	AC 120V/60Hz
Polarization:	Vertical	Test Result:	Pass
Standard:	(RE)FCC PART 15 class B 3m	Test By:	Vito
Test Mode:	Data transmitting mode		



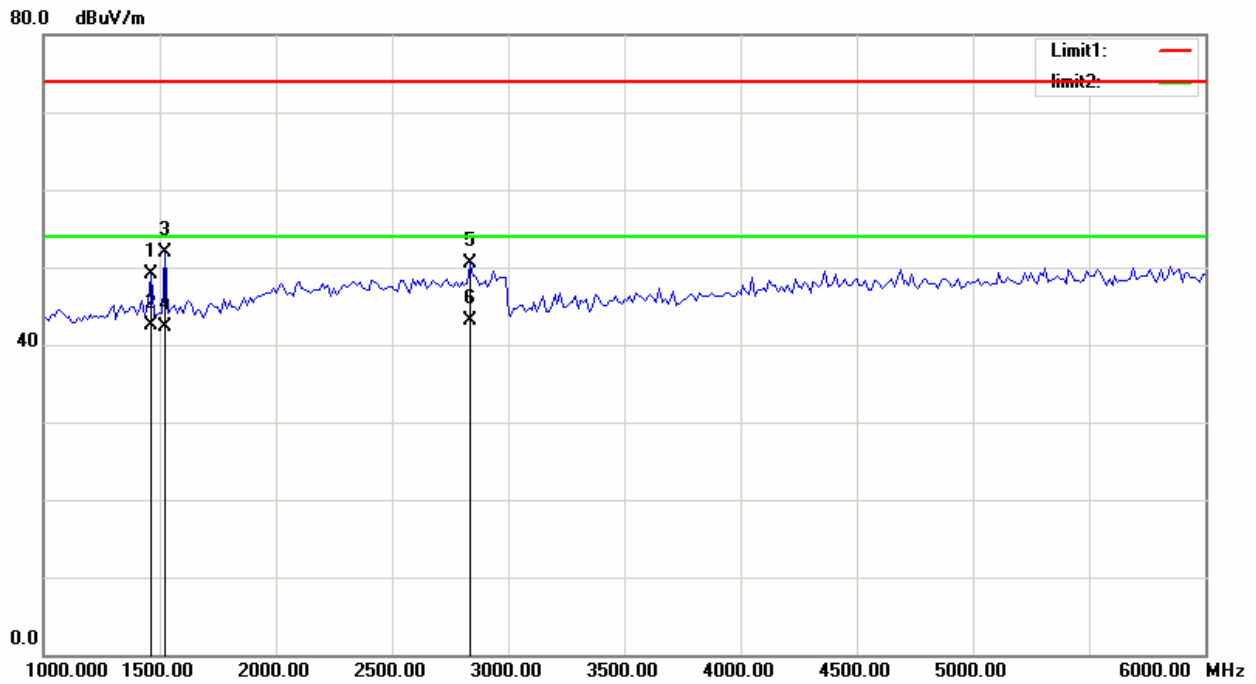
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1462.500	54.48	-5.39	49.09	74.00	-24.91	peak
2	1462.500	47.79	-5.39	42.40	54.00	-11.60	AVG
3	1525.000	56.32	-5.46	50.86	74.00	-23.14	peak
4	1525.000	47.16	-5.46	41.70	54.00	-12.30	AVG
5	2800.000	50.14	-1.73	48.41	74.00	-25.59	peak
6	2800.000	42.03	-1.73	40.30	54.00	-13.70	AVG

EUT:	Health perception computer	Model No.:	ES99AH1
Temperature:	24°C	Relative Humidity:	55%
Distance:	3m	Test Power:	AC 120V/60Hz
Polarization:	Horizontal	Test Result:	Pass
Standard:	(RE)FCC PART 15 class B 3m	Test By:	Vito
Test Mode:	Data transmitting mode		



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.6378	33.48	-8.52	24.96	40.00	-15.04	QP
2	119.8555	32.85	-13.63	19.22	43.50	-24.28	QP
3	318.8170	37.98	-7.66	30.32	46.00	-15.68	QP
4	350.4768	39.12	-6.88	32.24	46.00	-13.76	QP
5	381.2487	39.25	-5.92	33.33	46.00	-12.67	QP
6	446.4141	41.76	-2.25	39.51	46.00	-6.49	QP

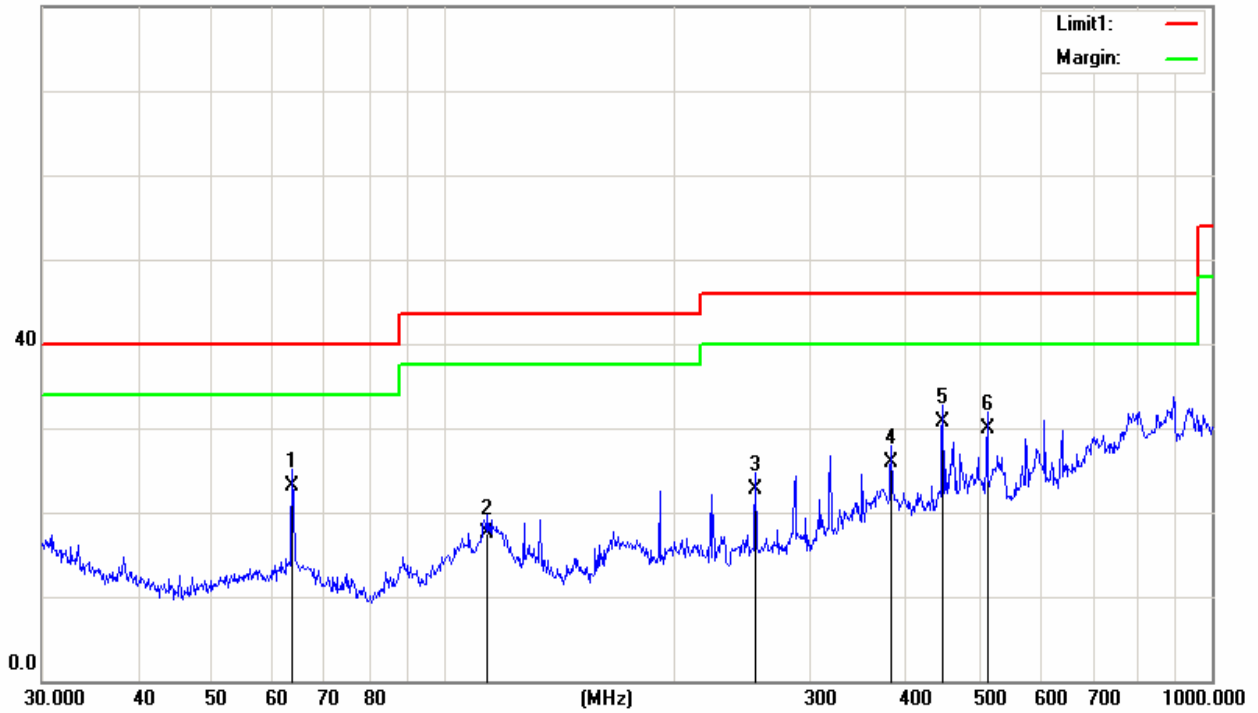
EUT:	Health perception computer	Model No.:	ES99AH1
Temperature:	24°C	Relative Humidity:	55%
Distance:	3m	Test Power:	AC 120V/60Hz
Polarization:	Horizontal	Test Result:	Pass
Standard:	(RE)FCC PART 15 class B 3m	Test By:	Vito
Test Mode:	Data transmitting mode		



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1462.500	80.09	-30.96	49.13	74.00	-24.87	peak
2	1462.500	73.56	-30.96	42.60	54.00	-11.40	AVG
3	1525.000	82.87	-30.91	51.96	74.00	-22.04	peak
4	1525.000	73.31	-30.91	42.40	54.00	-11.60	AVG
5	2837.500	80.89	-30.43	50.46	74.00	-23.54	peak
6	2837.500	73.53	-30.43	43.10	54.00	-10.90	AVG

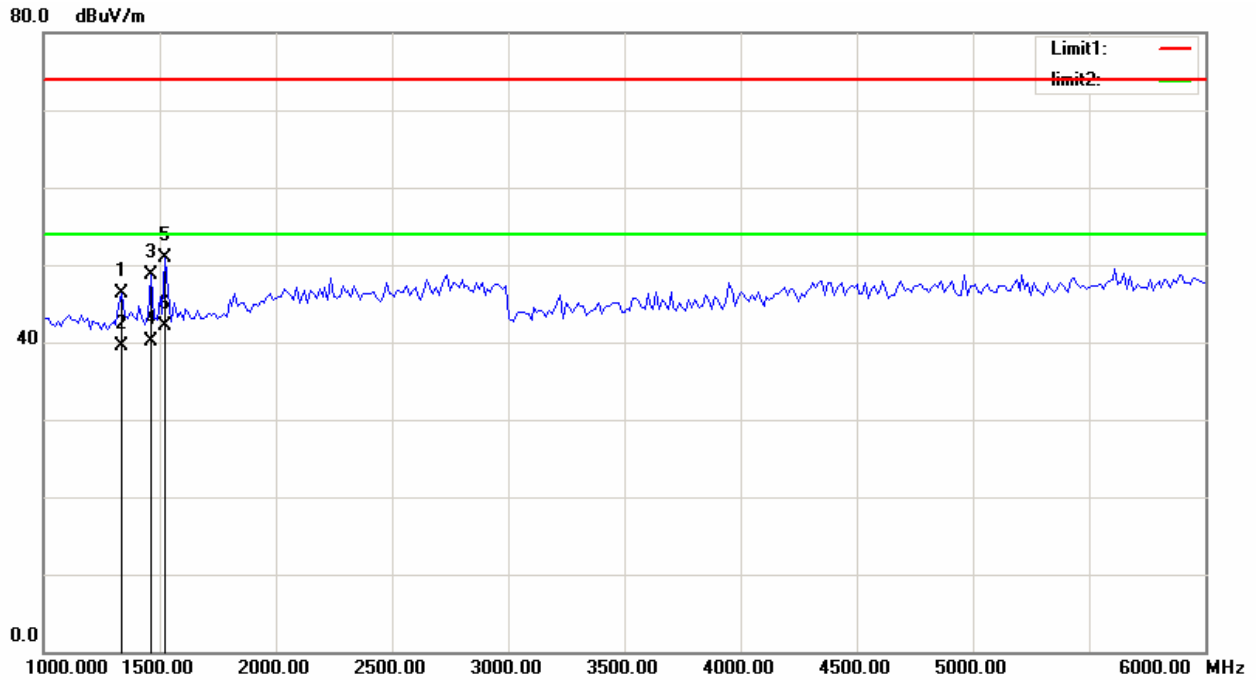
EUT:	Health perception computer	Model No.:	ES99AH1
Temperature:	24°C	Relative Humidity:	55%
Distance:	3m	Test Power:	AC 120V/60Hz
Polarization:	Vertical	Test Result:	Pass
Standard:	(RE)FCC PART 15 class B 3m	Test By:	Vito
Test Mode:	Health test		

80.0 dBuV/m



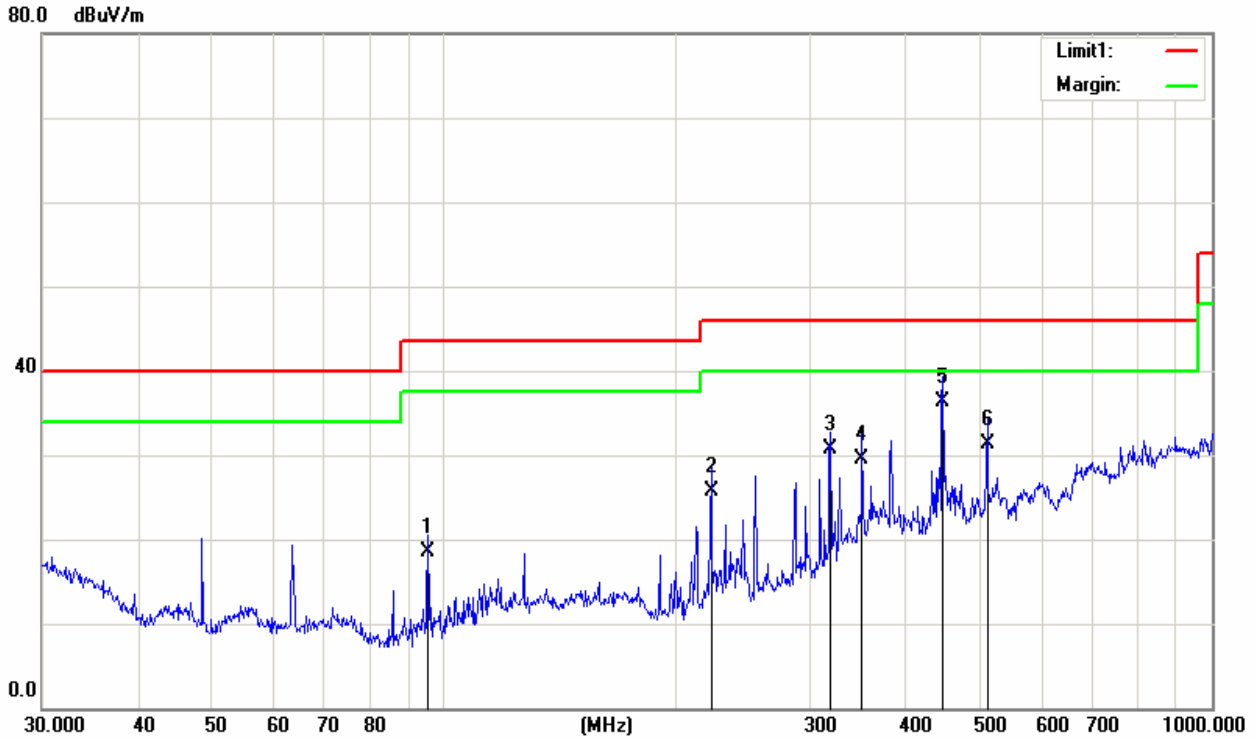
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	63.5356	34.95	-11.87	23.08	40.00	-16.92	QP
2	114.1136	28.94	-11.34	17.60	43.50	-25.90	QP
3	254.7283	31.33	-8.67	22.66	46.00	-23.34	QP
4	382.5878	30.76	-4.89	25.87	46.00	-20.13	QP
5	446.4141	33.86	-3.25	30.61	46.00	-15.39	QP
6	510.0436	31.50	-1.61	29.89	46.00	-16.11	QP

EUT:	Health perception computer	Model No.:	ES99AH1
Temperature:	24°C	Relative Humidity:	55%
Distance:	3m	Test Power:	AC 120V/60Hz
Polarization:	Vertical	Test Result:	Pass
Standard:	(RE)FCC PART 15 class B 3m	Test By:	Vito
Test Mode:	Health test		



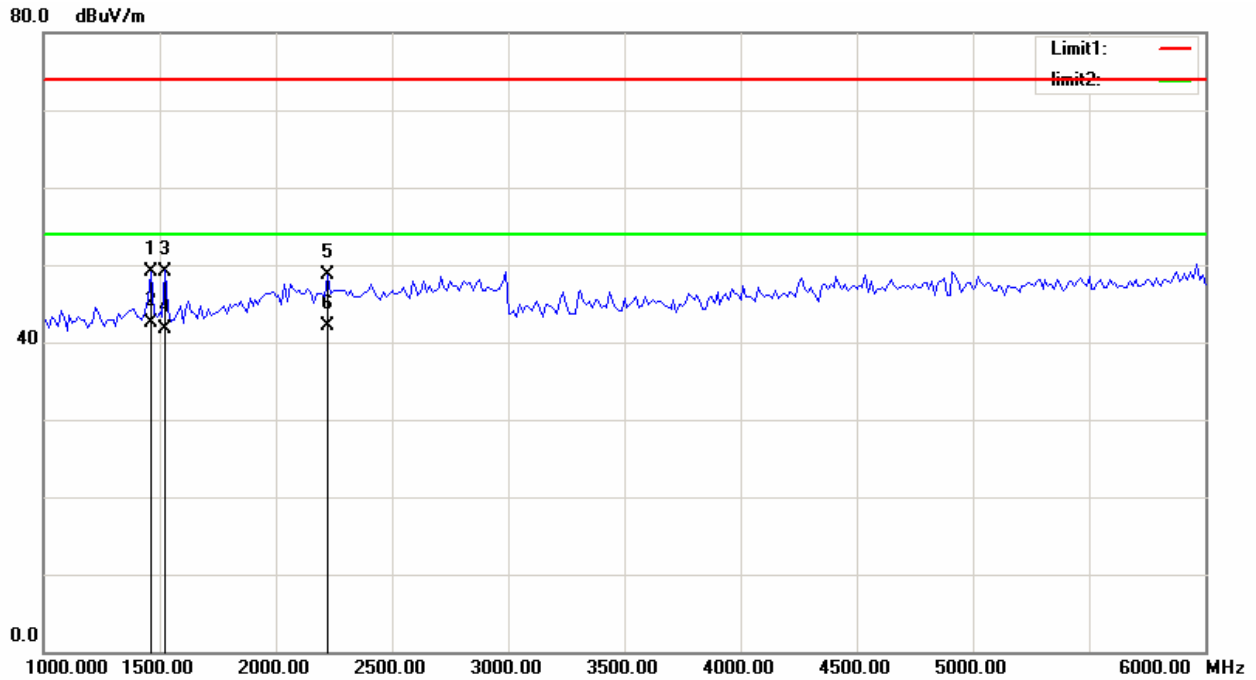
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1337.500	51.96	-5.64	46.32	74.00	-27.68	peak
2	1337.500	45.24	-5.64	39.60	54.00	-14.40	AVG
3	1462.500	54.09	-5.39	48.70	74.00	-25.30	peak
4	1462.500	45.59	-5.39	40.20	54.00	-13.80	AVG
5	1525.000	56.34	-5.46	50.88	74.00	-23.12	peak
6	1525.000	47.66	-5.46	42.20	54.00	-11.80	AVG

EUT:	Health perception computer	Model No.:	ES99AH1
Temperature:	24°C	Relative Humidity:	55%
Distance:	3m	Test Power:	AC 120V/60Hz
Polarization:	Horizontal	Test Result:	Pass
Standard:	(RE)FCC PART 15 class B 3m	Test By:	Vito
Test Mode:	Health test		



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	95.4270	35.34	-16.92	18.42	43.50	-25.08	QP
2	222.9499	37.14	-11.38	25.76	46.00	-20.24	QP
3	318.8170	38.42	-7.66	30.76	46.00	-15.24	QP
4	350.4768	36.35	-6.88	29.47	46.00	-16.53	QP
5	446.4141	38.59	-2.25	36.34	46.00	-9.66	QP
6	510.0436	31.86	-0.61	31.25	46.00	-14.75	QP

EUT:	Health perception computer	Model No.:	ES99AH1
Temperature:	24°C	Relative Humidity:	55%
Distance:	3m	Test Power:	AC 120V/60Hz
Polarization:	Horizontal	Test Result:	Pass
Standard:	(RE)FCC PART 15 class B 3m	Test By:	Vito
Test Mode:	Health test		



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1462.500	80.00	-30.96	49.04	74.00	-24.96	peak
2	1462.500	73.46	-30.96	42.50	54.00	-11.50	AVG
3	1525.000	80.11	-30.91	49.20	74.00	-24.80	peak
4	1525.000	72.71	-30.91	41.80	54.00	-12.20	AVG
5	2225.000	79.17	-30.51	48.66	74.00	-25.34	peak
6	2225.000	72.61	-30.51	42.10	54.00	-11.90	AVG

4. EUT TEST PHOTO

Conducted Measurement Photos



Radiated Measurement Photos



EUT Photo



