

FCC - TEST REPORTReport Number : **60.790.15.009.02** Date of Issue : June 5, 2015Model : **Giant Neos Sync**Product Type : **Bike Computer**Applicant : **DAYTON INDUSTRIAL CO., LTD**Address : **2-12 Kwai Fat Road, 11-A Kwai Chung, New Territories, Hong Kong**Production Facility : **KENDY Enterprise Ltd**Address : **2-12 Kwai Fat Road, 11-A Kwai Chung, New Territories, Hong Kong**Test Result : **Positive** **Negative**Total pages including Appendices : 44

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2 Description of Equipment Under Test

Description of the Equipment Under Test

Product:	Bike Computer
Model no.:	Giant Neos Sync
FCC ID:	O4GNEOSSYNC
Rating:	3.7VDC (1 x 3.7VDC Internal rechargeable battery)
Frequency:	2402MHz-2480MHz
Antenna gain:	0 dBi
Number of operated channel:	40
Modulation:	GFSK

3 Summary of Test Standards

Test Standards

FCC Part 15 Subpart C 10-1-13 Edition Federal Communications Commission, PART 15 — Radio Frequency Devices, Subpart C — Unintentional Radiators

4 Details about the Test Laboratory

Site 1

Company name: TÜV SÜD Hong Kong Ltd.
3/F, West Wing, Lakeside 2,
10 Science Park West Avenue,
Science Park, Shatin, Hong Kong

Site 2

Company name: TÜV SÜD China Ltd.
Building 12&13 Zhiheng Wisdomland Business Park,
Nantou Checkpoint Road 2,
Shenzhen 518052, P.R.China
FCC Registration Number: 502708

Emission Tests	
Test Item	Test Site
FCC Part 15 Subpart C	
FCC Title 47 Part 15.205, 15.209 & 15.247(d) Spurious Radiated Emission	Site 2
FCC Title 47 Part 15.207 Conduct Emission	NIL
FCC Title 47 Part 15.247(a)(2) 6dB & 99% Bandwidth	Site 2
FCC Title 47 Part 15.247(b) Peak Output Power	Site 2
FCC Title 47 Part 2.1051 & 15.247(d) Spurious Emissions at Antenna Terminals	Site 2
FCC Title 47 Part 15.247(d) 100kHz Bandwidth of band edges	Site 2
FCC Title 47 Part 15.247(e) Power Spectral Density	Site 2
FCC Title 47 Part 15.203 & 15.247(b) Antenna Requirement	Site 2

4.1 Test Equipment Site List

Radiated emission Test – Site 3

DESCRIPTION	MANUFACTURER	MODEL NO.	SERIAL NO.	CAL. DUE DATE
EMI Test Receiver	Rohde & Schwarz	ESR 26	101269	17-Aug-15
Trilog Super Broadband Test Antenna	Schwarzbeck	VULB 9163	707	17-Aug-17
Horn Antenna	Rohde & Schwarz	HF907	102294	17-Aug-17
Pre-amplifier	Rohde & Schwarz	SCU 18	102230	17-Aug-15
3m Semi-anechoic chamber	TDK	9X6X6	----	29-May-19

6dB & 99% Bandwidth, Peak Output Power, Spurious Emissions at Antenna Terminals, 100kHz Bandwidth of band edges, Power Spectral Density – Site 3

DESCRIPTION	MANUFACTURER	MODEL NO.	SERIAL NO.	CAL. DUE DATE
Signal Generator	Rohde & Schwarz	SMB100A	108272	17-Aug-15
Signal Analyzer	Rohde & Schwarz	FSV40	101030	17-Aug-15
Vector Signal Generator	Rohde & Schwarz	SMU 200A	105324	17-Aug-15
RF Switch Module	Rohde & Schwarz	OSP120/OSP-B157	101226/100851	17-Aug-15

4.2 Measurement System Uncertainty

Measurement System Uncertainty Emissions

System Measurement Uncertainty	
Items	Extended Uncertainty
Uncertainty for Radiated Emission in 3m chamber 9kHz-30MHz	4.54dB
Uncertainty for Radiated Emission in 3m chamber 30MHz-1000MHz	Horizontal: 4.83dB; Vertical: 4.91dB;
Uncertainty for Radiated Emission in 3m chamber 1000MHz-25000MHz	Horizontal: 4.89dB; Vertical: 4.88dB;
Uncertainty for Conducted RF test	2.04dB

5 Summary of Test Results

Emission Tests				
FCC Part 15 Subpart C				
Test Condition	Pages	Test Result		
		Pass	Fail	N/A
FCC Title 47 Part 15.205, 15.209 & 15.247(d) Spurious Radiated Emission	10-15	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FCC Title 47 Part 15.207 Conduct Emission	NIL	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FCC Title 47 Part 15.247(a)(2) 6dB & 99% Bandwidth	16-21	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FCC Title 47 Part 15.247(b) Peak Output Power	22-24	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FCC Title 47 Part 2.1051 & 15.247(d) Spurious Emissions at Antenna Terminals	25-27	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FCC Title 47 Part 15.247(d) 100kHz Bandwidth of band edges	28-31	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FCC Title 47 Part 15.247(e) Power Spectral Density	32-34	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FCC Title 47 Part 15.203 & 15.247(b) Antenna Requirement	35	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6 General Remarks

Remarks

NIL

SUMMARY:

- All tests according to the regulations cited on page 5 were

■ - Performed

□ - **Not** Performed

- The Equipment Under Test

■ - **Fulfills** the general approval requirements.

□ - **Does not** fulfill the general approval requirements.

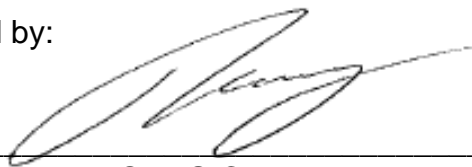
Sample Received Date: May 14, 2015

Testing Start Date: May 15, 2015

Testing End Date: May 29, 2015

- TÜV SÜD HONG KONG LTD. -

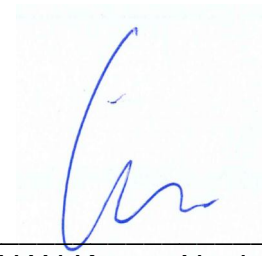
Reviewed by:



TSENG Chi Kit
EMC Project Engineer



Prepared by:



CHAN Kwong Ngai
EMC Test Engineer

7 Emission Test Results

7.1 Spurious Radiated Emission

EUT: GIANT NEOS SYNC
 Op Condition: Operated, TX Mode (2402MHz)
 Test Specification: FCC15.205, 15.209 & 15.247(d) Antenna: Horizontal
 Comment: 3.7VDC
 Remark: 9kHz to 25GHz

Test Result	
<input checked="" type="checkbox"/>	Passed
<input type="checkbox"/>	Not Passed

Frequency MHz	Result dB μ V/m	Limit dB μ V/m	Margin dB	Detector
58.736	18.05	40	-21.95	Quasi Peak
69.527	17.67	40	-22.33	Quasi Peak
109.115	14.80	43.5	-28.70	Quasi Peak
1167.800	37.44	74	-32.56	Peak
2400.000	46.18	54	-3.82	Average
2438.400	39.25	74	-30.75	Peak
4803.750	65.57	74	-8.43	Peak
4803.750	39.56	54	-14.44	Average
7206.250	58.03	74	-15.97	Peak
7206.250	36.99	54	-17.01	Average

Spurious Radiated Emission

EUT: GIANT NEOS SYNC
 Op Condition: Operated, TX Mode (2402MHz)
 Test Specification: FCC15.205, 15.209 & 15.247(d) Antenna: Vertical
 Comment: 3.7VDC
 Remark: 9kHz to 25GHz

Test Result	
<input checked="" type="checkbox"/>	Passed
<input type="checkbox"/>	Not Passed

Frequency MHz	Result dBµV/m	Limit dBµV/m	Margin dB	Detector
88.200	19.93	43.5	-23.57	Quasi Peak
119.725	20.82	43.5	-22.68	Quasi Peak
136.215	23.74	43.5	-19.76	Quasi Peak
151.674	20.62	43.5	-22.88	Quasi Peak
1173.600	39.48	74	-34.52	Peak
2404.600	45.77	74	-28.23	Peak
2404.600	42.91	54	-11.09	Average
4803.750	65.54	74	-8.46	Peak
4803.750	37.76	54	-16.24	Average
7206.875	54.27	74	-19.73	Peak
7206.875	36.80	54	-17.20	Average

Spurious Radiated Emission

EUT: GIANT NEOS SYNC
 Op Condition: Operated, TX Mode (2440MHz)
 Test Specification: FCC15.205, 15.209 & 15.247(d) Antenna: Horizontal
 Comment: 3.7VDC
 Remark: 9kHz to 25GHz

Test Result	
<input checked="" type="checkbox"/>	Passed
<input type="checkbox"/>	Not Passed

Frequency MHz	Result dBµV/m	Limit dBµV/m	Margin dB	Detector
58.736	18.05	40	-21.95	Quasi Peak
69.527	17.67	40	-22.33	Quasi Peak
109.115	14.80	43.5	-28.70	Quasi Peak
1605.400	39.47	74	-34.53	Peak
2453.200	45.03	74	-28.97	Peak
2453.200	44.44	54	-9.56	Average
4879.375	65.19	74	-8.81	Peak
4879.375	42.17	54	-11.83	Average
7320.000	60.18	74	-13.82	Peak
7320.000	39.60	54	-14.40	Average

Spurious Radiated Emission

EUT: GIANT NEOS SYNC
 Op Condition: Operated, TX Mode (2440MHz)
 Test Specification: FCC15.205, 15.209 & 15.247(d) Antenna: Vertical
 Comment: 3.7VDC
 Remark: 9kHz to 25GHz

Test Result	
<input checked="" type="checkbox"/>	Passed
<input type="checkbox"/>	Not Passed

Frequency MHz	Result dBµV/m	Limit dBµV/m	Margin dB	Detector
88.200	19.93	43.5	-23.57	Quasi Peak
119.725	20.82	43.5	-22.68	Quasi Peak
136.215	23.74	43.5	-19.76	Quasi Peak
151.674	20.62	43.5	-22.88	Quasi Peak
2145.800	42.32	74	-31.68	Peak
2556.200	41.43	54	-12.57	Average
4880.625	61.44	74	-12.56	Peak
4880.625	38.56	54	-15.44	Average
7319.375	57.45	74	-16.55	Peak
7319.375	37.25	54	-16.75	Average

Spurious Radiated Emission

EUT: GIANT NEOS SYNC
 Op Condition: Operated, TX Mode (2480MHz)
 Test Specification: FCC15.205, 15.209 & 15.247(d) Antenna: Horizontal
 Comment: 3.7VDC
 Remark: 9kHz to 25GHz

Test Result	
<input checked="" type="checkbox"/>	Passed
<input type="checkbox"/>	Not Passed

Frequency MHz	Result dBµV/m	Limit dBµV/m	Margin dB	Detector
58.736	18.05	40	-21.95	Quasi Peak
69.527	17.67	40	-22.33	Quasi Peak
109.115	14.80	43.5	-28.70	Quasi Peak
1599.800	46.73	74	-27.27	Peak
1599.800	45.67	54	-8.33	Average
2396.200	45.40	74	-28.60	Peak
4960.000	62.22	74	-11.78	Peak
4960.000	35.94	54	-8.06	Average
7439.375	58.90	74	-15.10	Peak
7439.375	35.20	54	-8.80	Average

Spurious Radiated Emission

EUT: GIANT NEOS SYNC
 Op Condition: Operated, TX Mode (2480MHz)
 Test Specification: FCC15.205, 15.209 & 15.247(d) Antenna: Vertical
 Comment: 3.7VDC
 Remark: 9kHz to 25GHz

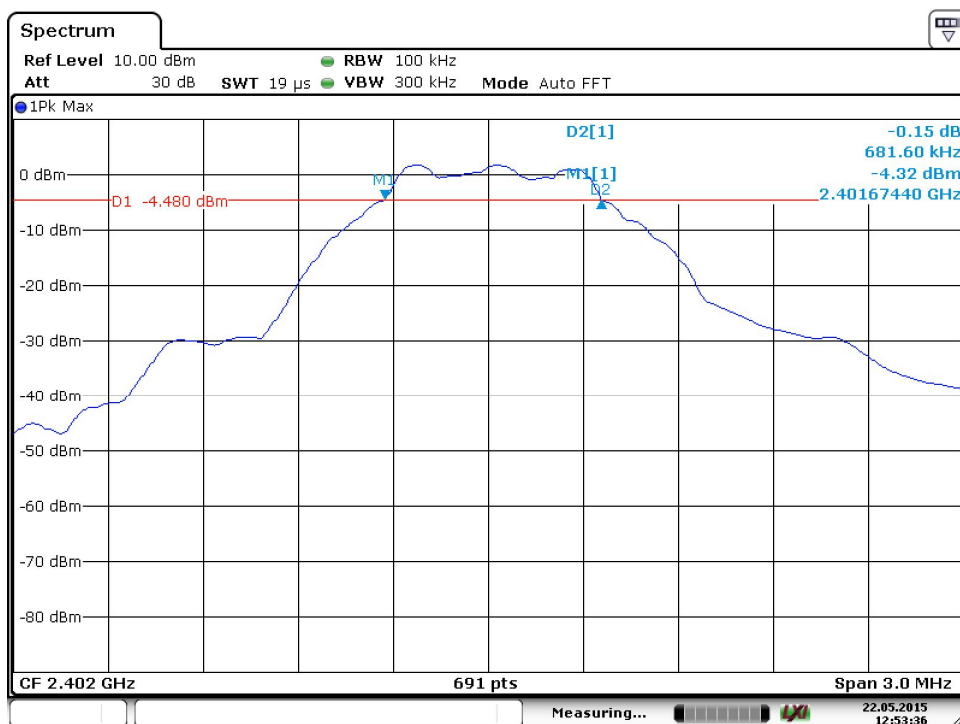
Test Result	
<input checked="" type="checkbox"/>	Passed
<input type="checkbox"/>	Not Passed

Frequency MHz	Result dBµV/m	Limit dBµV/m	Margin dB	Detector
88.200	19.93	43.5	-23.57	Quasi Peak
119.725	20.82	43.5	-22.68	Quasi Peak
136.215	23.74	43.5	-19.76	Quasi Peak
151.674	20.62	43.5	-22.88	Quasi Peak
1198.200	39.67	74	-34.33	Peak
2612.400	39.91	74	-34.09	Peak
2612.400	38.07	54	-15.93	Average
4960.625	62.23	74	-11.77	Peak
4960.625	37.11	54	-16.89	Average
7440.000	59.22	74	-14.78	Peak
7440.000	35.08	54	-18.92	Average

7.2 6dB & 99% Bandwidth

EUT: GIANT NEOS SYNC
 Op Condition: Operated, TX Mode (2402MHz)
 Test Specification: FCC15.247(a)(2), 6dB Bandwidth
 Comment: 3.7VDC

Test Result	
<input checked="" type="checkbox"/>	Passed
<input type="checkbox"/>	Not Passed



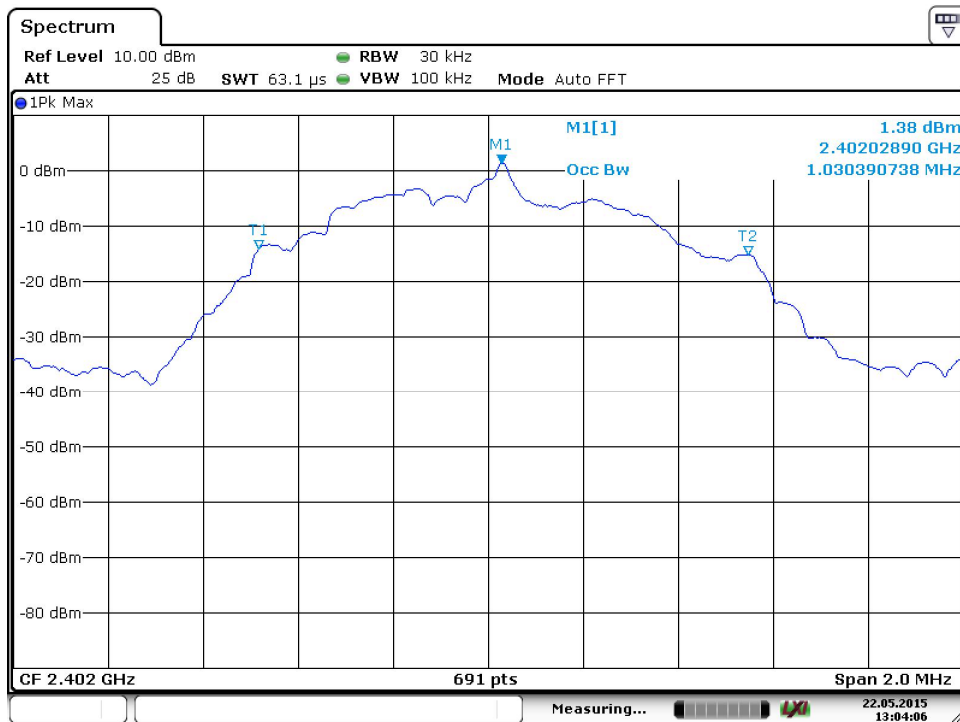
Date: 22.MAY.2015 12:53:36

6dB bandwidth	Limit
681.600 kHz	> 500 kHz

6dB & 99% Bandwidth

EUT: GIANT NEOS SYNC
Op Condition: Operated, TX Mode (2402MHz)
Test Specification: FCC15.247(a)(2), 99% Bandwidth
Comment: 3.7VDC

Test Result	
<input checked="" type="checkbox"/>	Passed
<input type="checkbox"/>	Not Passed



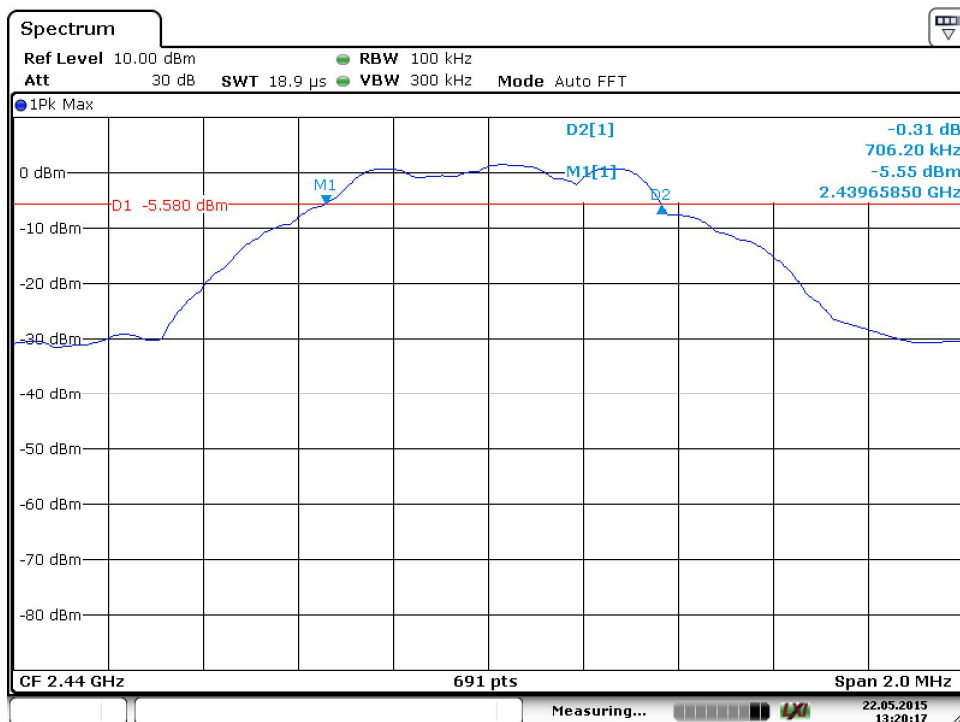
Date: 22.MAY.2015 13:04:06

99% bandwidth
1030.390 kHz

6dB & 99% Bandwidth

EUT: GIANT NEOS SYNC
 Op Condition: Operated, TX Mode (2440MHz)
 Test Specification: FCC15.247(a)(2), 6dB Bandwidth
 Comment: 3.7VDC

Test Result	
<input checked="" type="checkbox"/>	Passed
<input type="checkbox"/>	Not Passed



Date: 22.MAY.2015 13:20:16

6dB bandwidth	Limit
706.200 kHz	> 500 kHz

6dB & 99% Bandwidth

EUT: GIANT NEOS SYNC
 Op Condition: Operated, TX Mode (2440MHz)
 Test Specification: FCC15.247(a)(2), 99% Bandwidth
 Comment: 3.7VDC

Test Result	
<input checked="" type="checkbox"/>	Passed
<input type="checkbox"/>	Not Passed



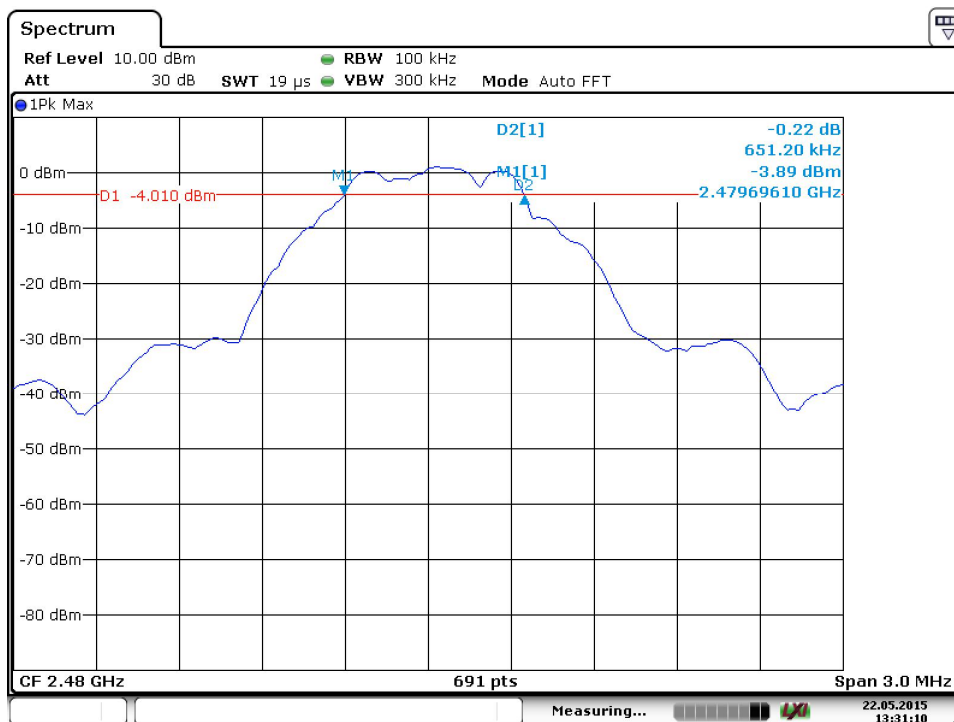
Date: 22.MAY.2015 13:13:18

99% bandwidth
995.658 kHz

6dB & 99% Bandwidth

EUT: GIANT NEOS SYNC
 Op Condition: Operated, TX Mode (2480MHz)
 Test Specification: FCC15.247(a)(2), 6dB Bandwidth
 Comment: 3.7VDC

Test Result	
<input checked="" type="checkbox"/>	Passed
<input type="checkbox"/>	Not Passed



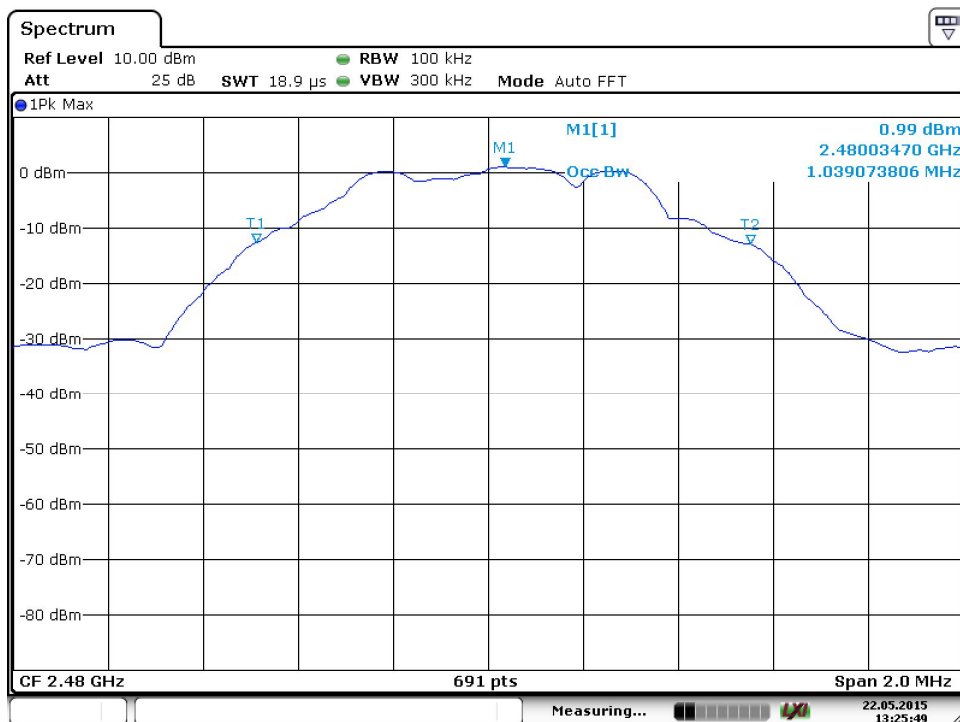
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6dB bandwidth	Limit
651.200 kHz	> 500 kHz

6dB & 99% Bandwidth

EUT: GIANT NEOS SYNC
 Op Condition: Operated, TX Mode (2480MHz)
 Test Specification: FCC15.247(a)(2), 99% Bandwidth
 Comment: 3.7VDC

Test Result	
<input checked="" type="checkbox"/>	Passed
<input type="checkbox"/>	Not Passed



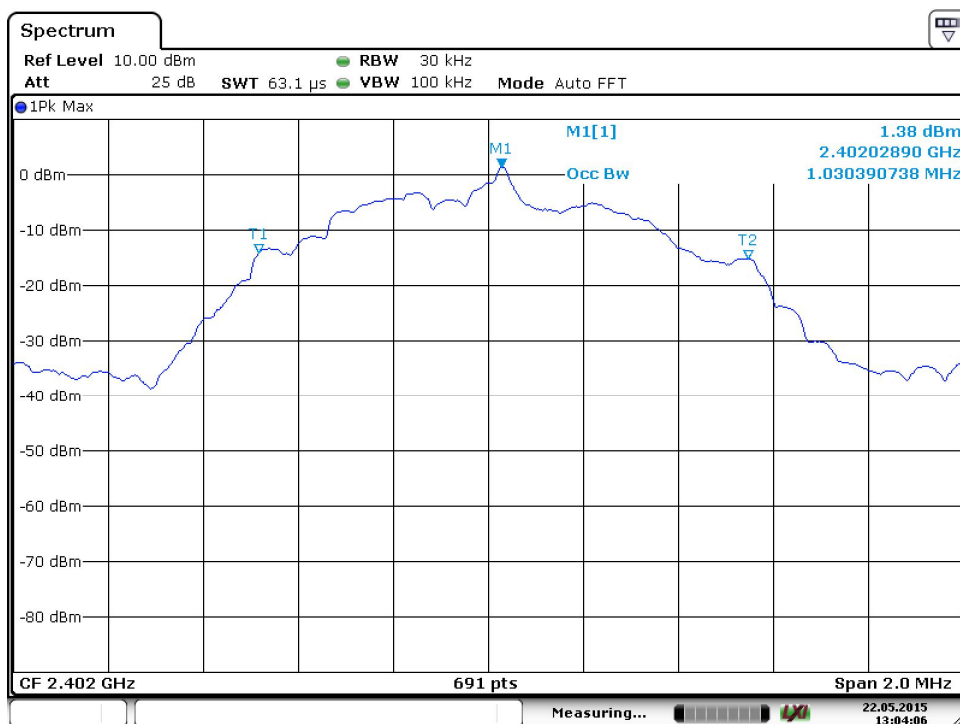
Date: 22.MAY.2015 13:25:49

99% bandwidth
1039.073 kHz

7.3 Peak Output Power

EUT: GIANT NEOS SYNC
 Op Condition: Operated, TX Mode (2402MHz)
 Test Specification: FCC15.247(b)
 Comment: 3.7VDC

Test Result	
<input checked="" type="checkbox"/>	Passed
<input type="checkbox"/>	Not Passed



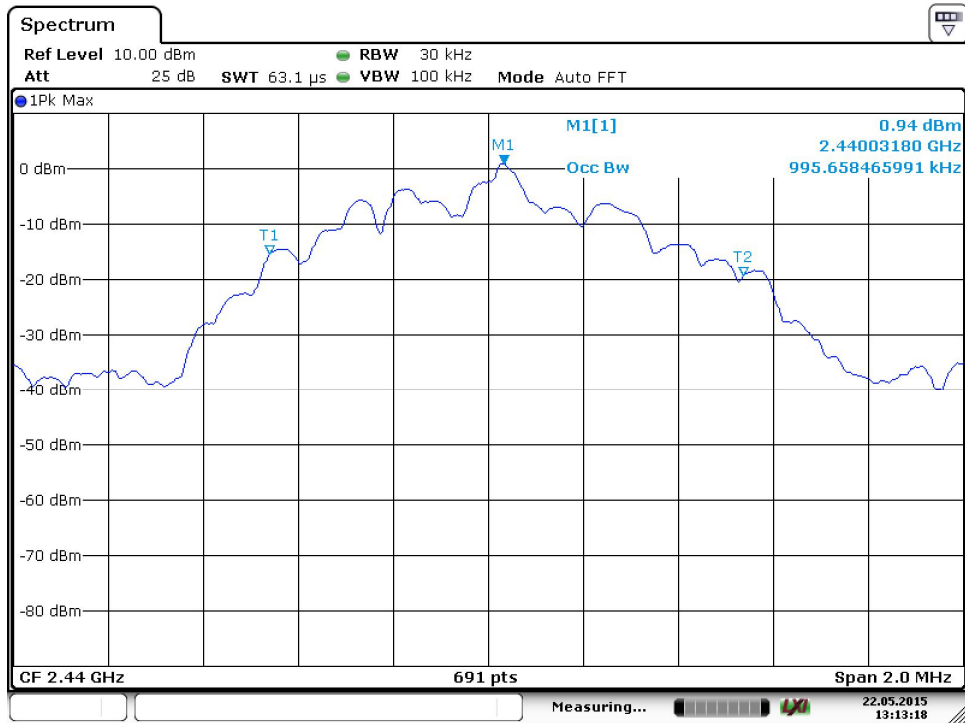
Date: 22.MAY.2015 13:04:06

Conducted Output Power	Limit
1.38 dBm	< 30dBm

Peak Output Power

EUT: GIANT NEOS SYNC
 Op Condition: Operated, TX Mode (2440MHz)
 Test Specification: FCC15.247(b)
 Comment: 3.7VDC

Test Result	
<input checked="" type="checkbox"/>	Passed
<input type="checkbox"/>	Not Passed



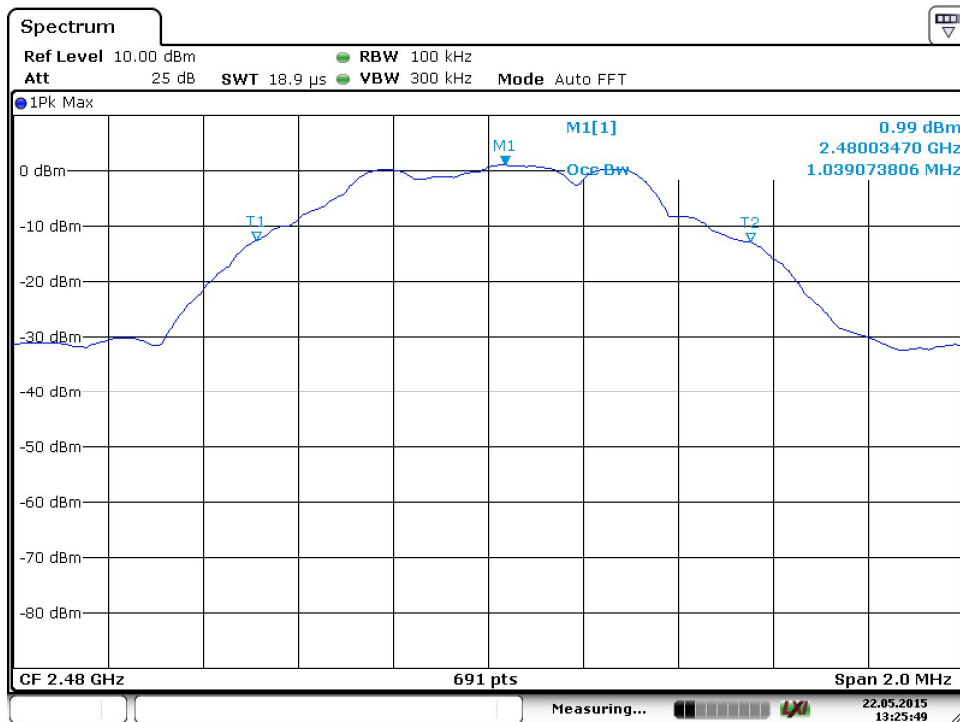
Date: 22.MAY.2015 13:13:18

Conducted Output Power	Limit
0.94 dBm	< 30dBm

Peak Output Power

EUT: GIANT NEOS SYNC
 Op Condition: Operated, TX Mode (2480MHz)
 Test Specification: FCC15.247(b)
 Comment: 3.7VDC

Test Result	
<input checked="" type="checkbox"/>	Passed
<input type="checkbox"/>	Not Passed



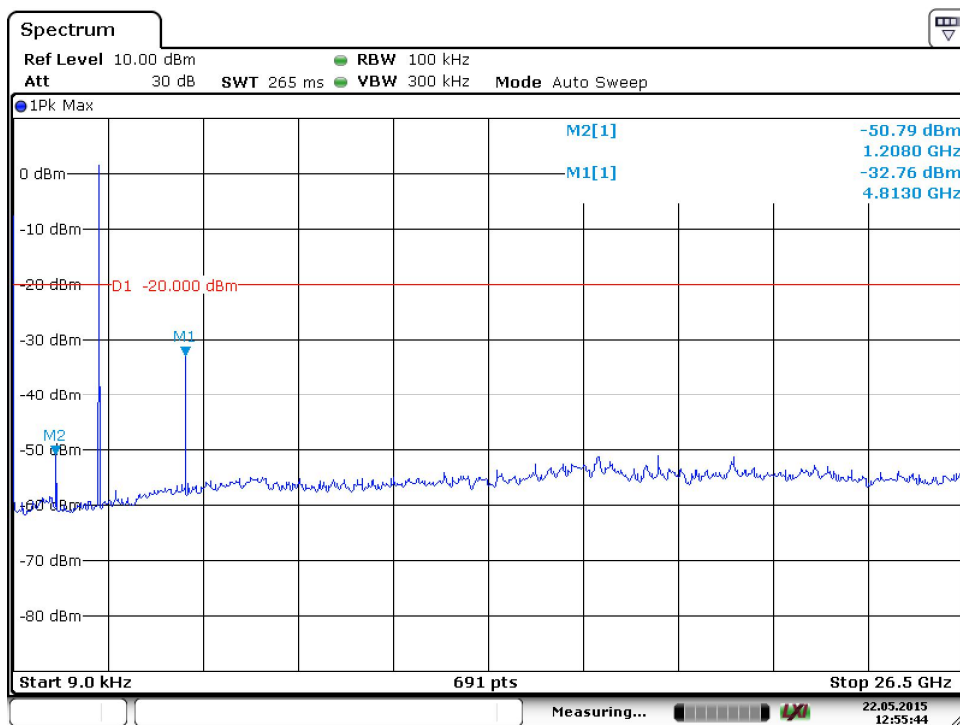
Date: 22.MAY.2015 13:25:49

Conducted Output Power	Limit
0.99 dBm	< 30dBm

7.4 Spurious Emissions at Antenna Terminals

EUT: GIANT NEOS SYNC
 Op Condition: Operated, TX Mode (2402MHz)
 Test Specification: FCC2.1051 & 15.247(d)
 Comment: 3.7VDC
 Remark: 9kHz to 26.5GHz

Test Result	
<input checked="" type="checkbox"/>	Passed
<input type="checkbox"/>	Not Passed

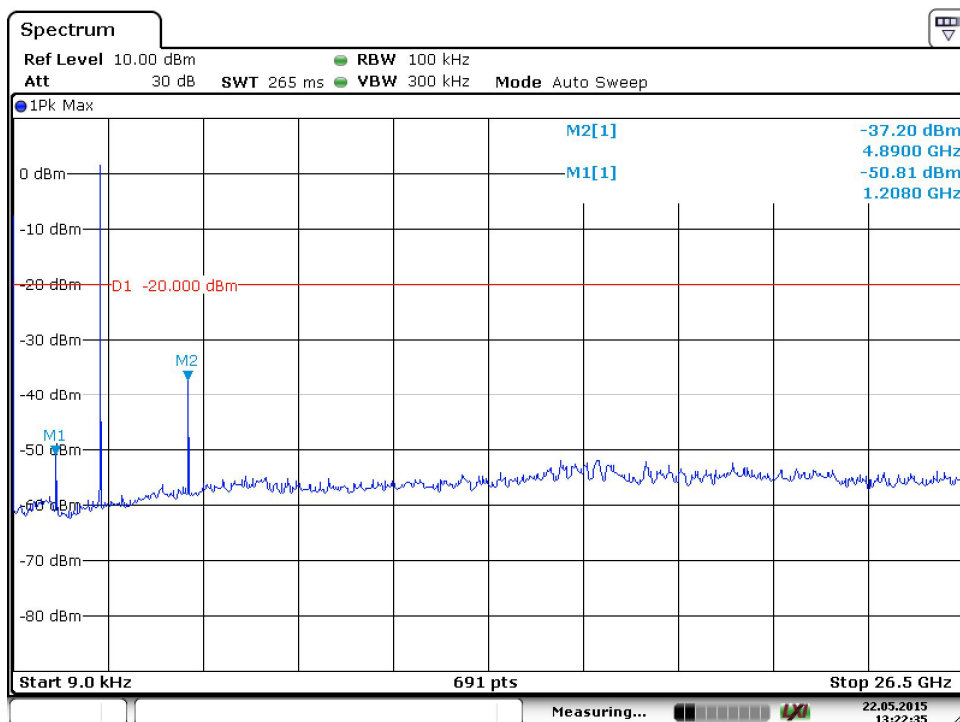


Date: 22 MAY 2015 12:55:44

Spurious Emissions at Antenna Terminals

EUT: GIANT NEOS SYNC
 Op Condition: Operated, TX Mode (2440MHz)
 Test Specification: FCC2.1051 & 15.247(d)
 Comment: 3.7VDC
 Remark: 9kHz to 26.5GHz

Test Result	
<input checked="" type="checkbox"/>	Passed
<input type="checkbox"/>	Not Passed

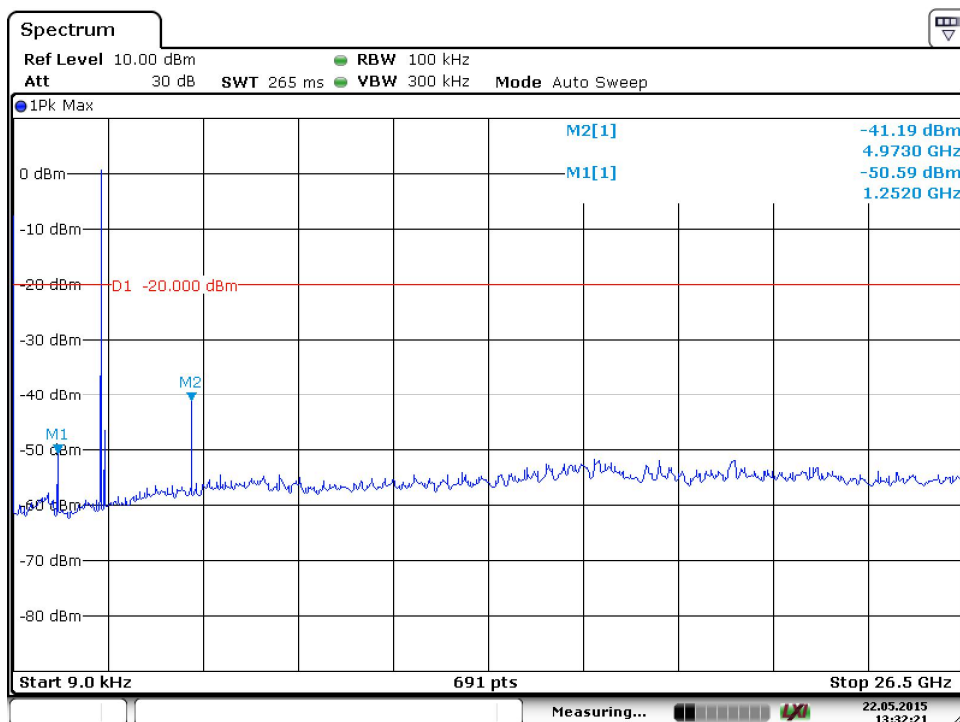


Date: 22.MAY.2015 13:22:36

Spurious Emissions at Antenna Terminals

EUT: GIANT NEOS SYNC
 Op Condition: Operated, TX Mode (2480MHz)
 Test Specification: FCC2.1051 & 15.247(d)
 Comment: 3.7VDC
 Remark: 9kHz to 26.5GHz

Test Result	
<input checked="" type="checkbox"/>	Passed
<input type="checkbox"/>	Not Passed

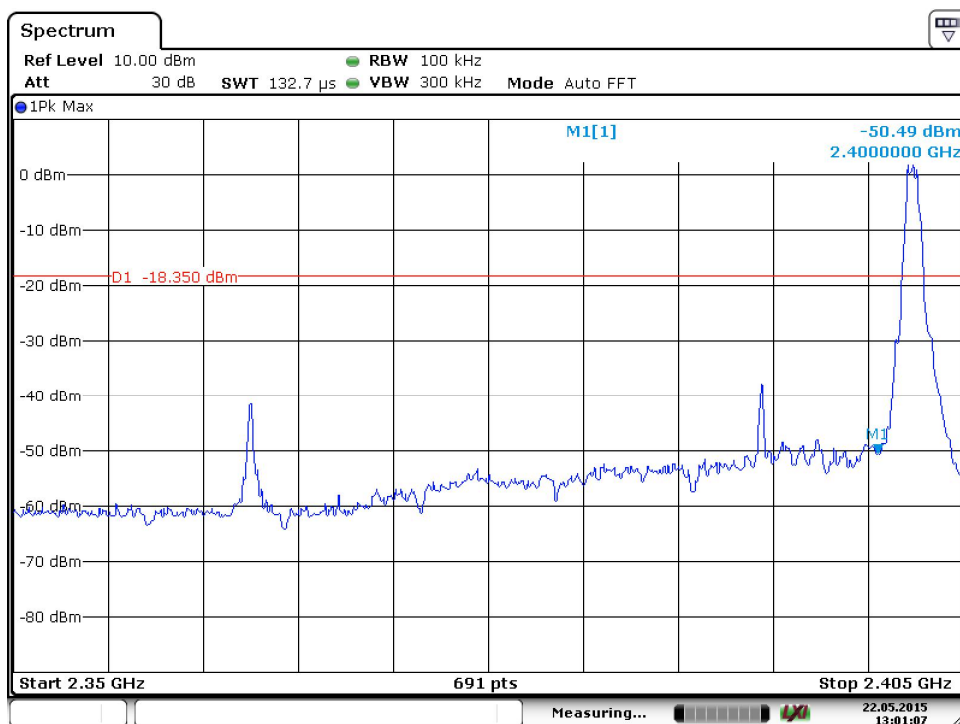


Date: 22.MAY.2015 13:32:21

7.5 100kHz Bandwidth of band edges

EUT: GIANT NEOS SYNC
 Op Condition: Operated, TX Mode (2402MHz)
 Test Specification: FCC15.247(d), Conducted
 Comment: 3.7VDC

Test Result	
<input checked="" type="checkbox"/>	Passed
<input type="checkbox"/>	Not Passed



Date: 22.MAY.2015 13:01:07

Frequency	Result
2.402 GHz	1.65 dBm
2.390 GHz	-50.49 dBm

Band edges	Limit
52.14 dB	> 20dB

100kHz Bandwidth of band edges

EUT: GIANT NEOS SYNC
 Op Condition: Operated, TX Mode (2402MHz)
 Test Specification: FCC15.247(d), Radiated
 Comment: 3.7VDC

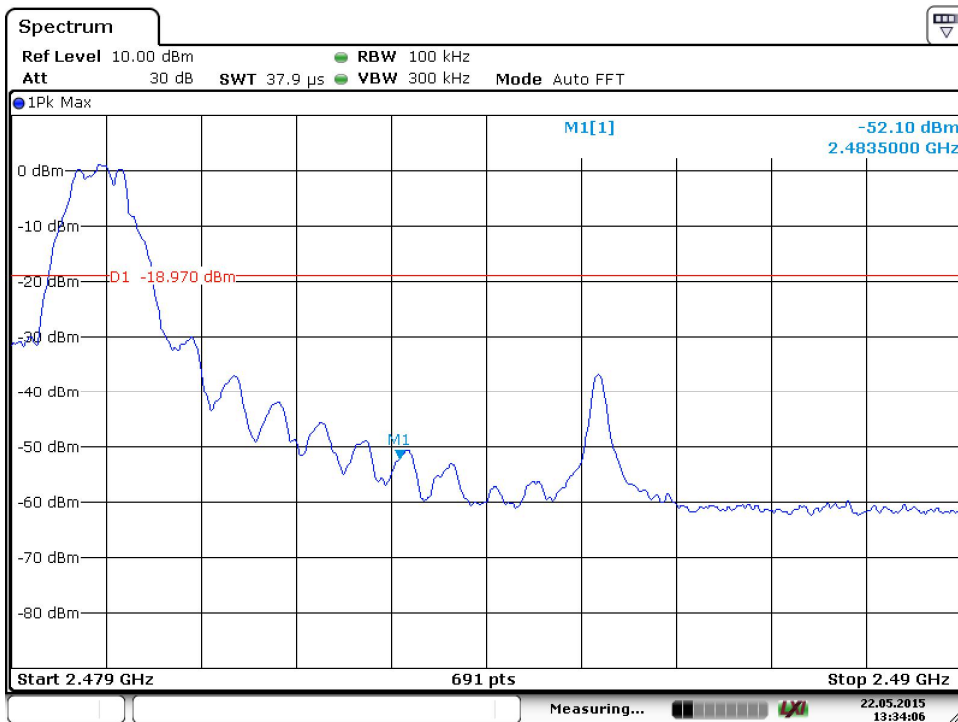
Test Result	
<input checked="" type="checkbox"/>	Passed
<input type="checkbox"/>	Not Passed

Frequency MHz	Result dBµV/m	Limit dBµV/m	Margin dB	Detector
2439.000	35.78	74	-38.32	Peak
2439.000	31.06	54	-22.94	Average

100kHz Bandwidth of band edges

EUT: GIANT NEOS SYNC
 Op Condition: Operated, TX Mode (2480MHz)
 Test Specification: FCC15.247(d), Conducted
 Comment: 3.7VDC

Test Result	
<input checked="" type="checkbox"/>	Passed
<input type="checkbox"/>	Not Passed



Date: 22.MAY.2015 13:34:06

Frequency	Result
2.480 GHz	1.03 dBm
2.4835 GHz	-52.10 dBm

Band edges	Limit
53.13 dB	> 20dB

100kHz Bandwidth of band edges

EUT: GIANT NEOS SYNC
 Op Condition: Operated, TX Mode (2480MHz)
 Test Specification: FCC15.247(d), Radiated
 Comment: 3.7VDC

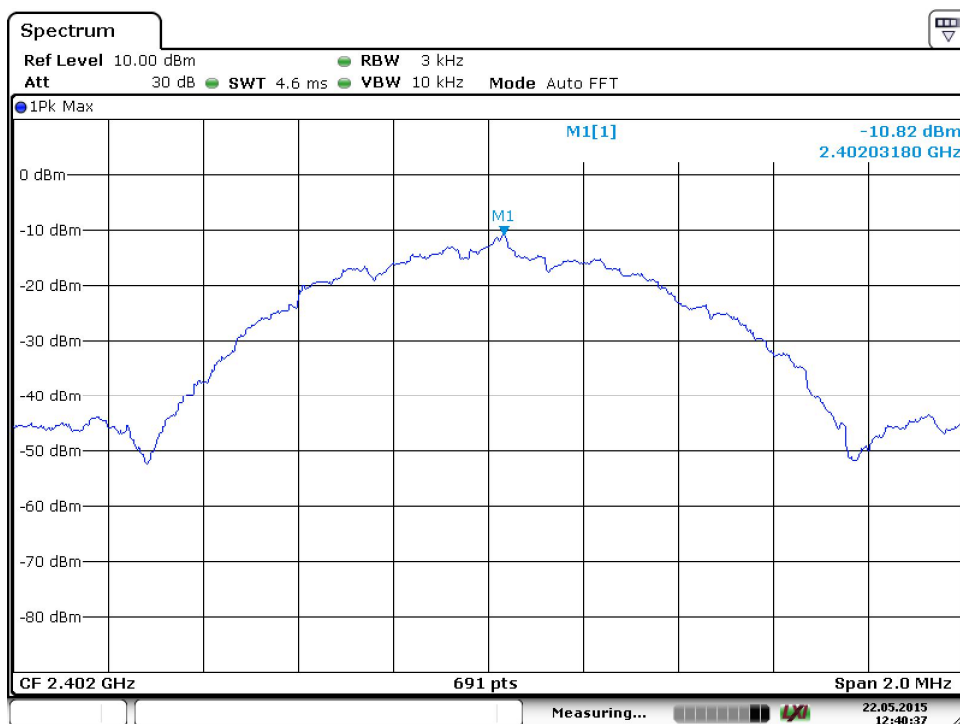
Test Result	
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<input type="checkbox"/>	Not Passed

Frequency MHz	Result dBµV/m	Limit dBµV/m	Margin dB	Detector
2483.500	36.85	74	-37.15	Peak
2483.500	32.14	54	-21.86	Average

7.6 Power Spectral Density

EUT: GIANT NEOS SYNC
 Op Condition: Operated, TX Mode (2402MHz)
 Test Specification: FCC15.247(e)
 Comment: 3.7VDC

Test Result	
<input checked="" type="checkbox"/>	Passed
<input type="checkbox"/>	Not Passed



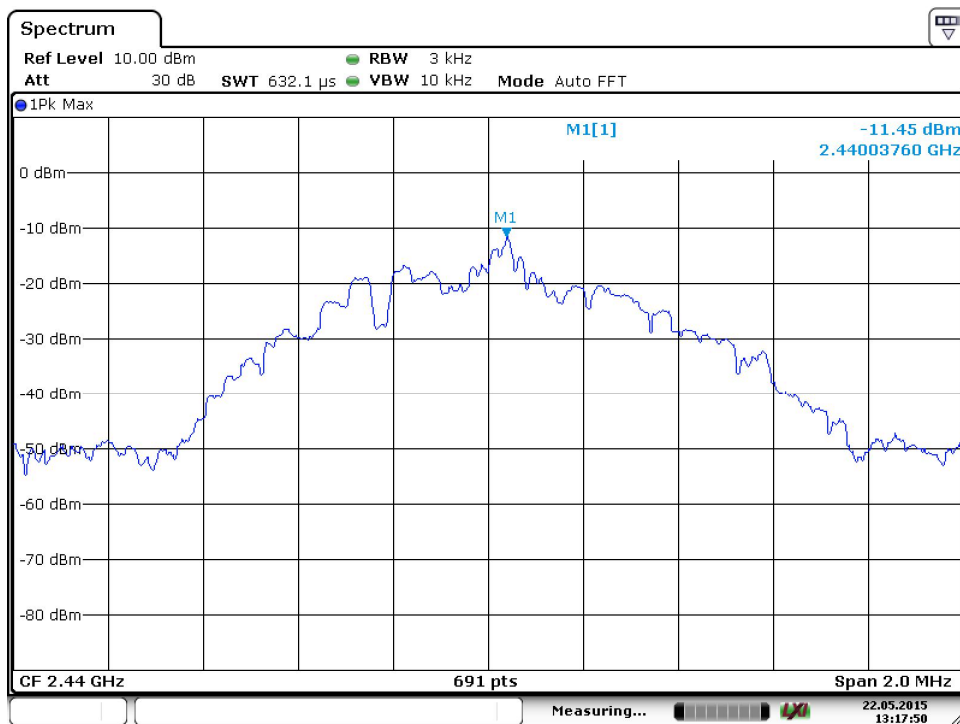
Date: 22.MAY.2015 12:40:37

Frequency	PSD	Result
2.402GHz	-10.82 dBm / 3kHz	< 8 dBm / 3 kHz

Power Spectral Density

EUT: GIANT NEOS SYNC
 Op Condition: Operated, TX Mode (2440MHz)
 Test Specification: FCC15.247(e)
 Comment: 3.7VDC

Test Result	
<input checked="" type="checkbox"/>	Passed
<input type="checkbox"/>	Not Passed



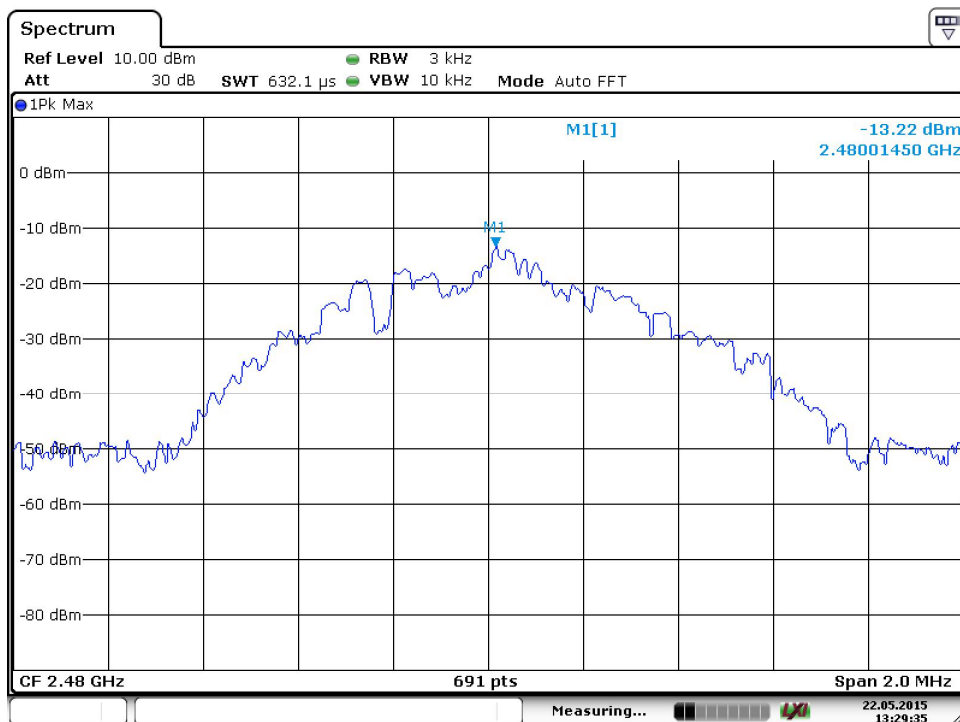
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Frequency	PSD	Result
2.440GHz	-11.45 dBm / 3kHz	< 8 dBm / 3 kHz

Power Spectral Density

EUT: GIANT NEOS SYNC
 Op Condition: Operated, TX Mode (2480MHz)
 Test Specification: FCC15.247(e)
 Comment: 3.7VDC

Test Result	
<input checked="" type="checkbox"/>	Passed
<input type="checkbox"/>	Not Passed



Date: 22.MAY.2015 13:29:36

Frequency	PSD	Result
2.480GHz	-13.22 dBm / 3kHz	< 8 dBm / 3 kHz

7.7 Antenna Requirement

EUT: GIANT NEOS SYNC
 Op Condition: Operated, TX Mode
 Test Specification: FCC15.203 & 15.247(b)
 Comment: 3.7VDC

Test Result	
<input checked="" type="checkbox"/>	Passed
<input type="checkbox"/>	Not Passed

Limit

For intentional device, according to FCC Title 47 Part 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC Title 47 Part 15.247(b), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

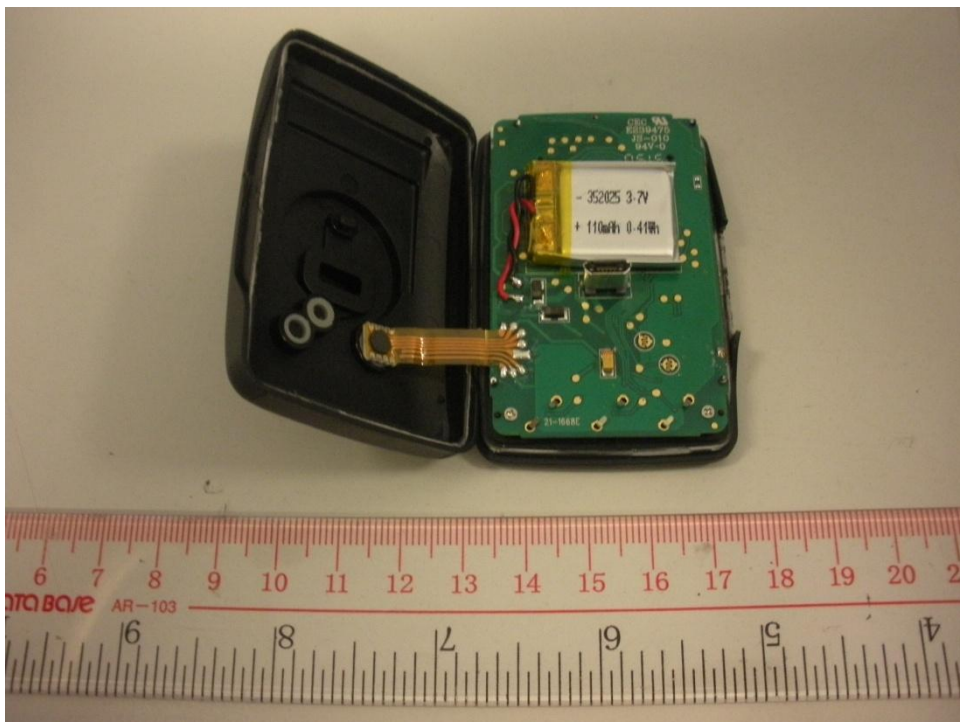
Antenna Connector Construction

The antenna used in this product is PCB antenna, and the maximum gain of this antenna is 0.0 dBi.

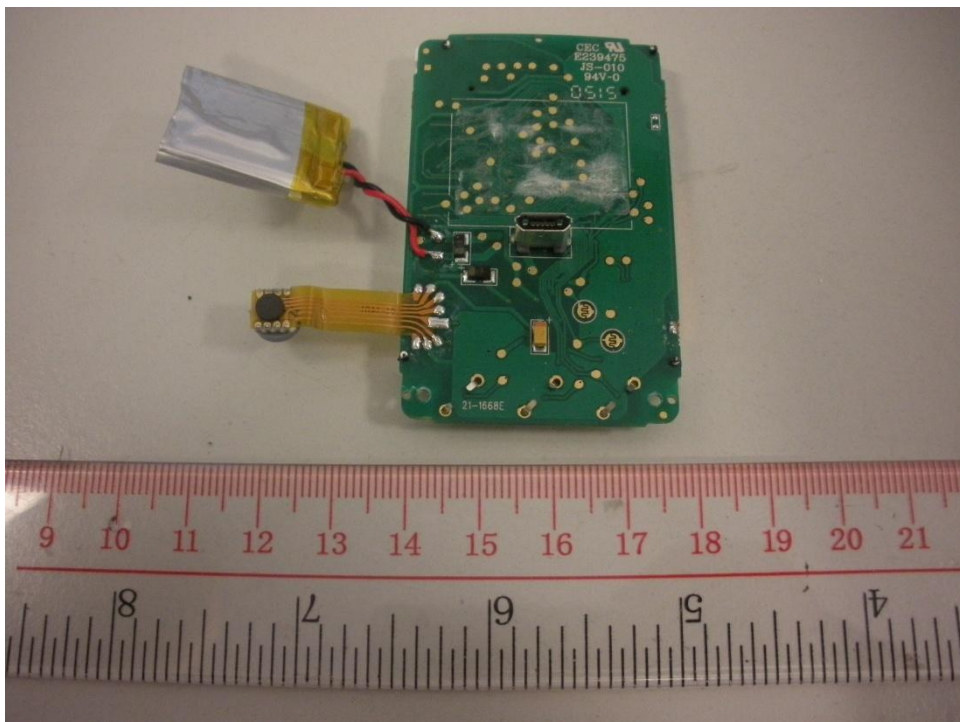
8 Appendix A - Photographs of EUT



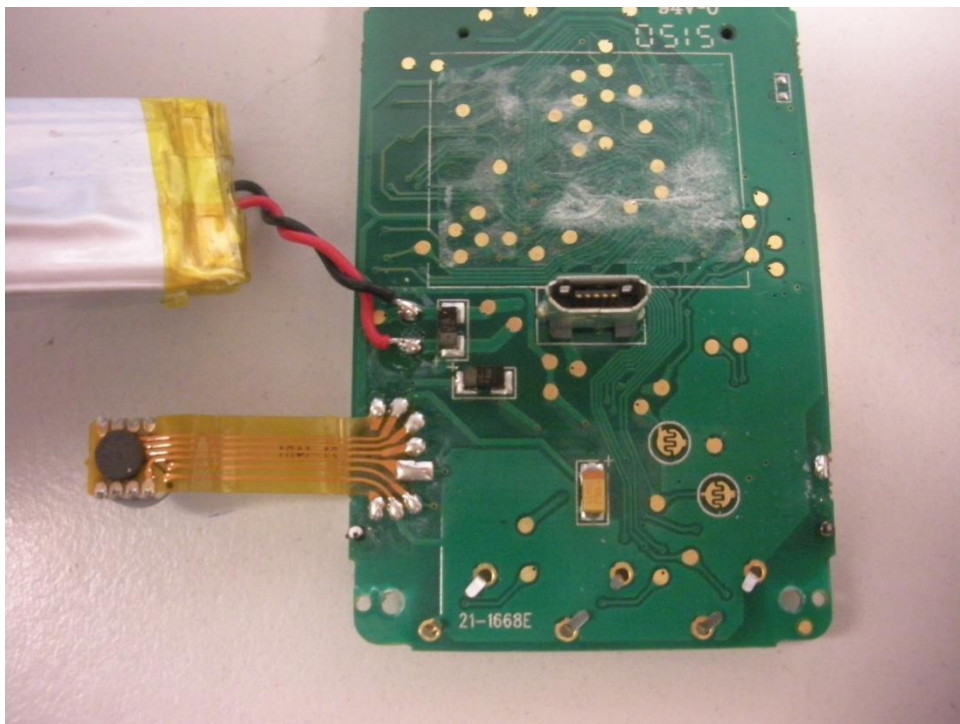
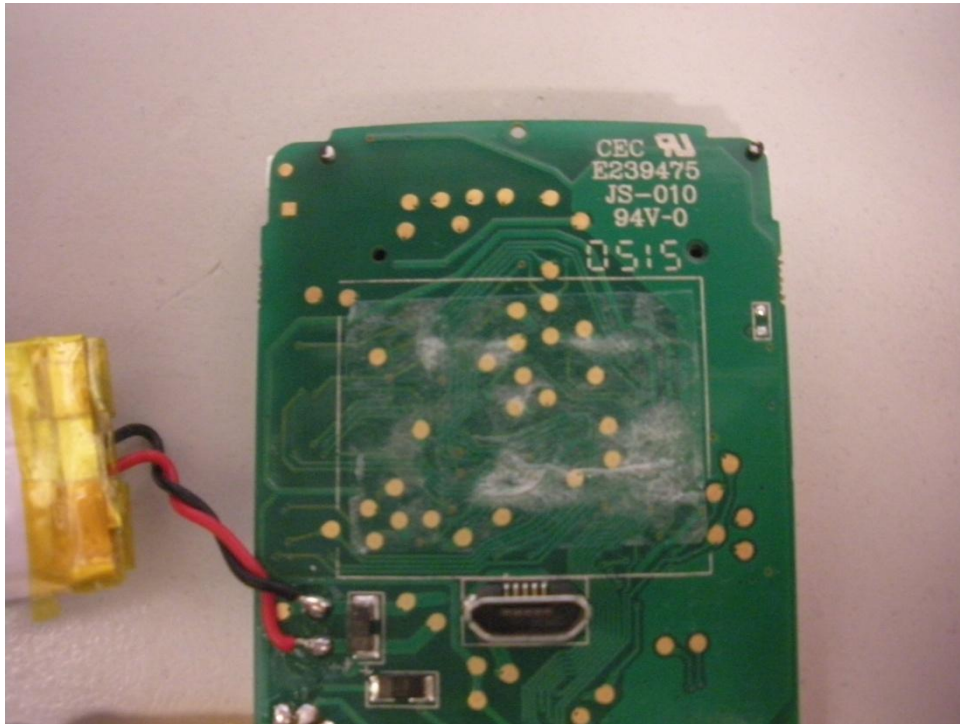
Appendix A



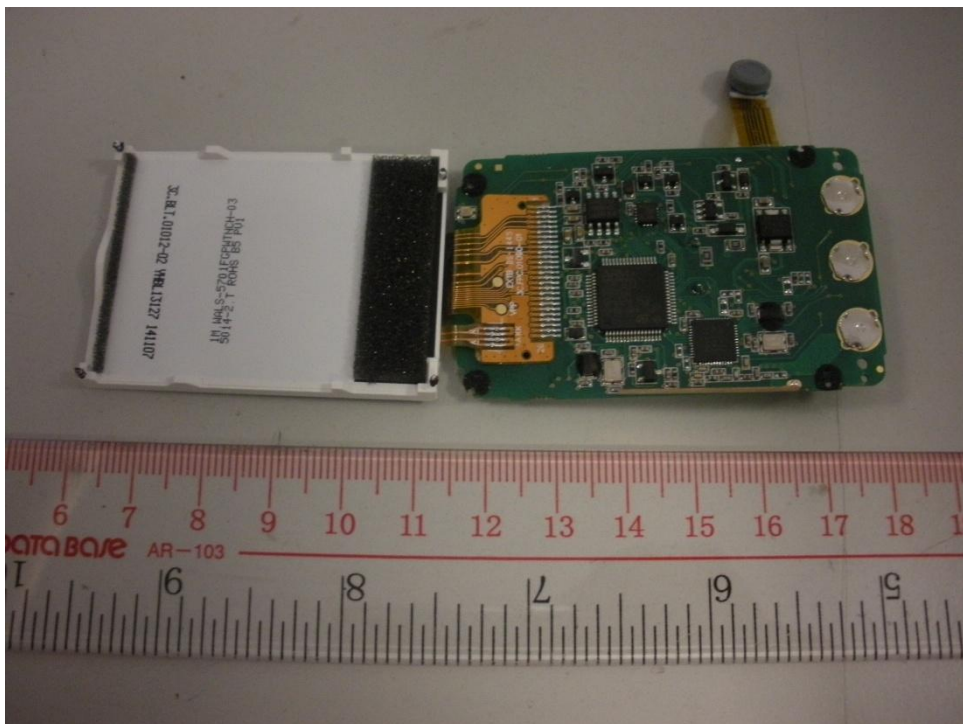
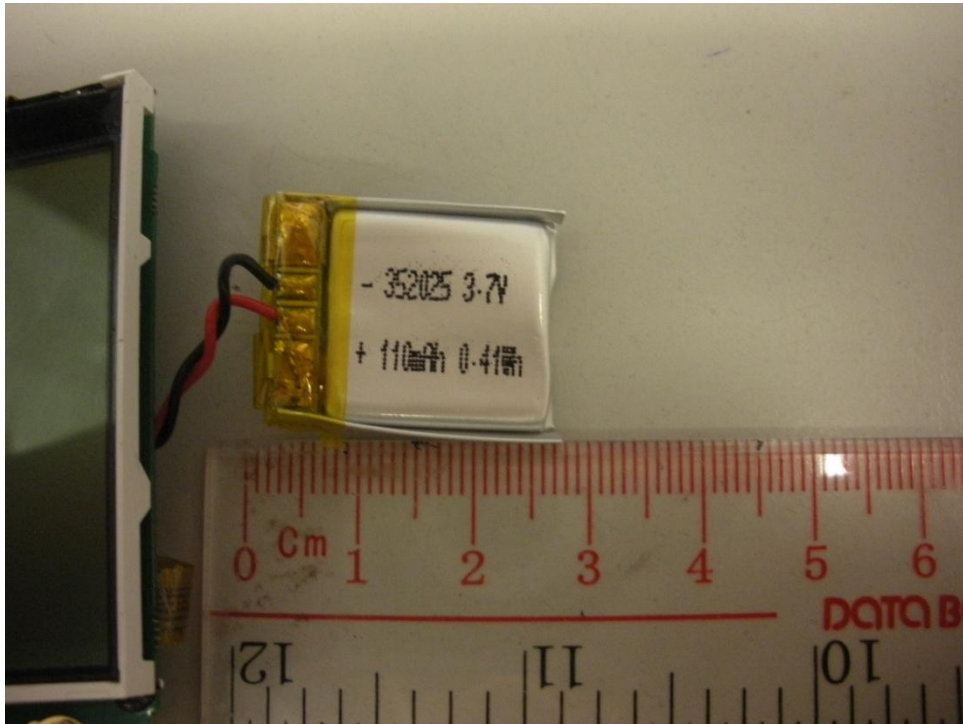
Appendix A



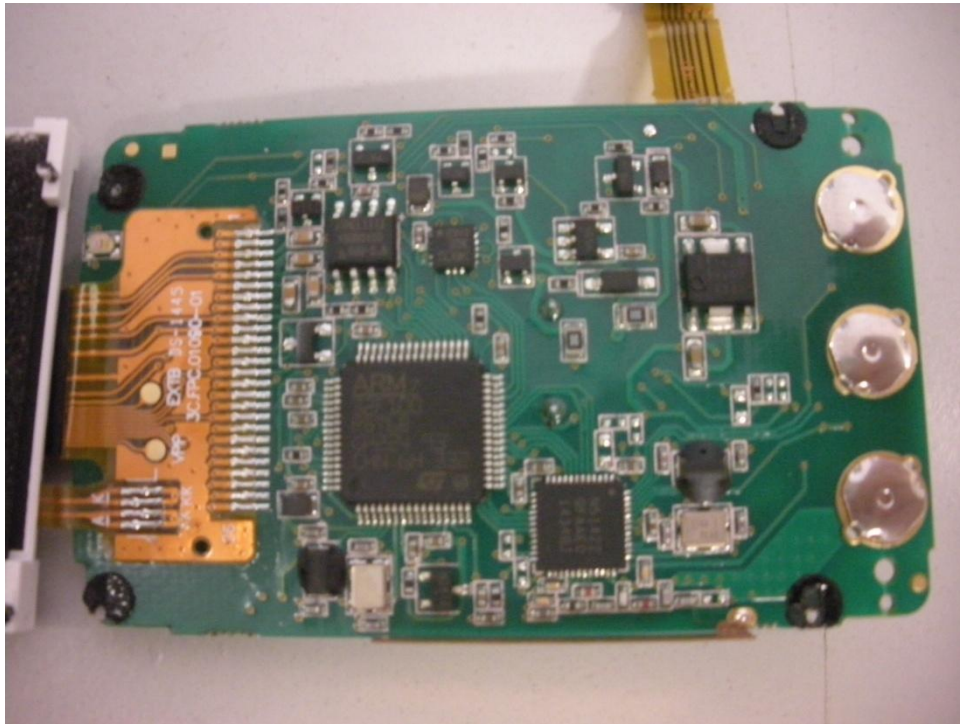
Appendix A



Appendix A

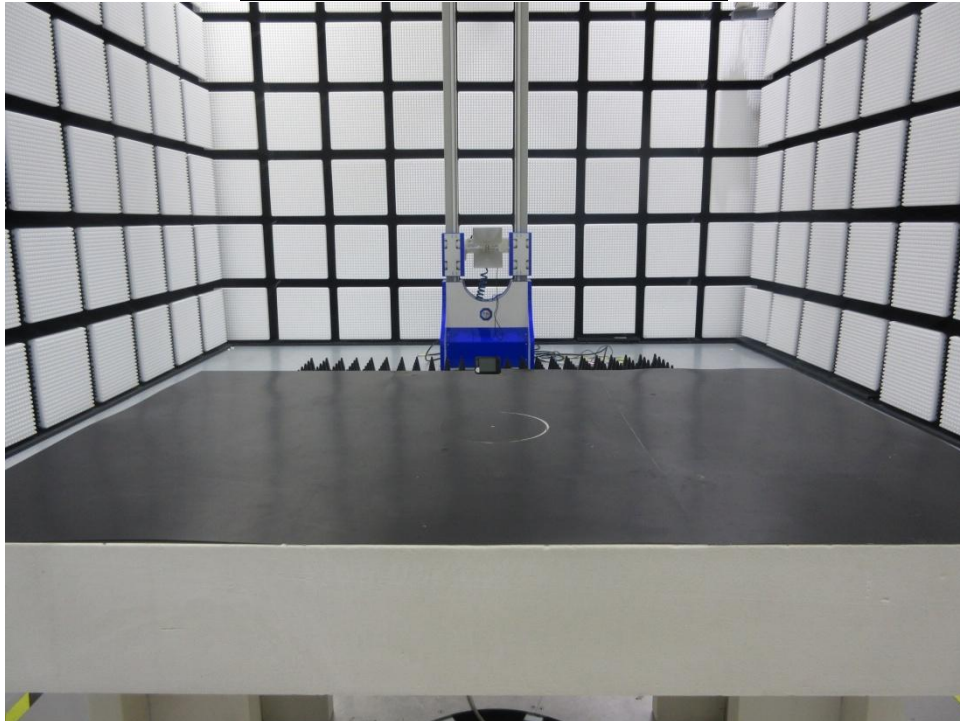


Appendix A

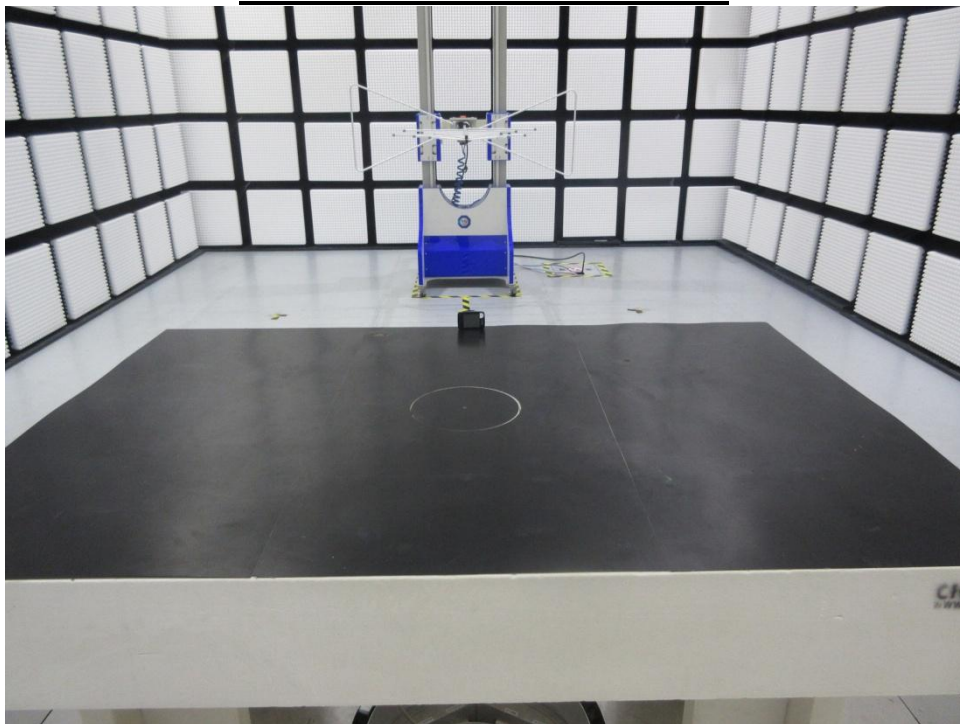


9 Appendix B - Setup Photographs of EUT

Radiated Emission 1GHz-25GHz

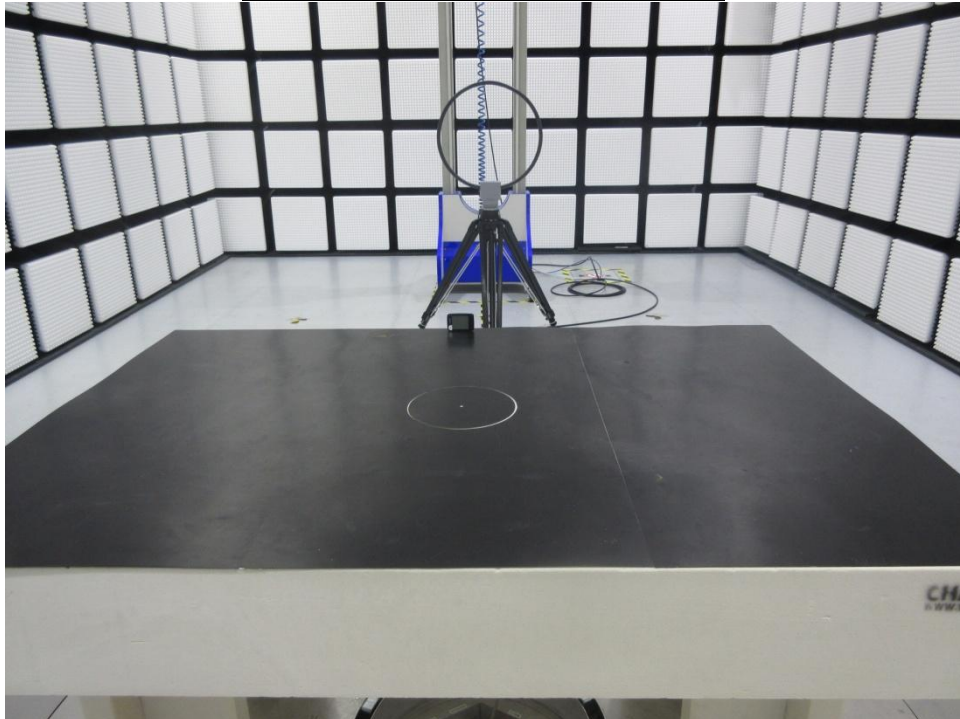


Radiated Emission 30MHz-1GHz

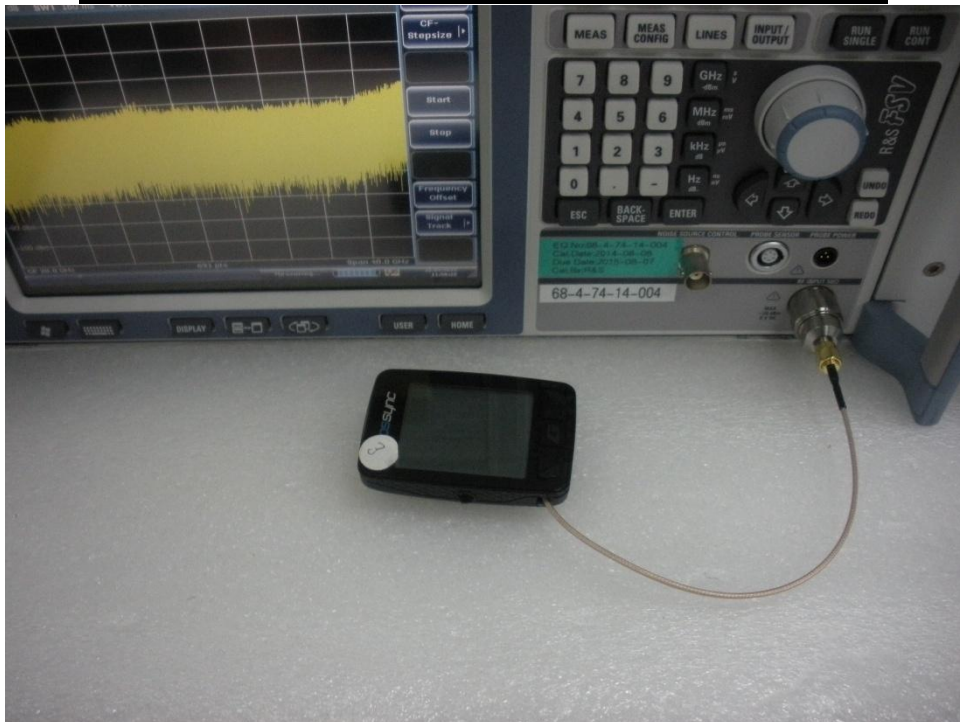


Appendix B

Radiated Emission 9kHz-30MHz



**6dB & 99% Bandwidth, Peak Output Power,
Spurious Emissions at Antenna Terminals,
100kHz Bandwidth of band edges, Power Spectral Density**



10 Appendix C - General Product Information

Radiofrequency radiation exposure evaluation

According to KDB 447498 D01v05r02 section 4.3.1,

>> The 1-g SAR test exclusion thresholds, for 100MHz to 6GHz, at test separation distances ≤ 50 mm are determined by:

Power at 2.402GHz = 1.3740 mW EIRP

Power at 2.440GHz = 1.2416 mW EIRP

Power at 2.480GHz = 1.2560 mW EIRP

$[(1.3740 \text{ mW}) / (20 \text{ mm})] \cdot [\text{sqrt}(2.402 \text{ GHz})] = 0.1064$ which is ≤ 3.0 for 1-g SAR.

$[(1.2416 \text{ mW}) / (20 \text{ mm})] \cdot [\text{sqrt}(2.440 \text{ GHz})] = 0.0969$ which is ≤ 3.0 for 1-g SAR.

$[(1.2560 \text{ mW}) / (20 \text{ mm})] \cdot [\text{sqrt}(2.480 \text{ GHz})] = 0.0988$ which is ≤ 3.0 for 1-g SAR.

Therefore the device is exempt from stand-alone SAR test requirements.

>> The fundamental frequency of the EUT is 2402MHz-2480MHz, the test separation distance is < 50 mm. (Manufacturer Specification distance is 20mm)

>> The power of EUT measured is:

- For 2402MHz: $1.3740\text{mW} = 10 \log(1.3740) \text{ dBm} \sim +1.38\text{dBm}$
- For 2440MHz: $1.2416\text{mW} = 10 \log(1.2416) \text{ dBm} \sim +0.94\text{dBm}$
- For 2480MHz: $1.2560\text{mW} = 10 \log(1.2560) \text{ dBm} \sim +0.99\text{dBm}$