

Test Report # 317059 A

Equipment Under Test: Skynet Beacon

Test Date(s): 5/22/17 – 5/24/17, 5/31/17, 6/9/17, & 6/12/17

Prepared for: Skynet Healthcare
Attn: Dorian Levy
31105 US Hwy 19 N
Palm Harbor, FL 34684

Report Issued by:

Signature: *Coty Hammerer*

Date: 11/22/17

Report Reviewed by: Adam Alger, Quality Systems Engineer

Signature: *Adam Alger*

Date: 10/03/2017

Report Constructed by:

Signature: *Coty Hammerer*

Date: 8/2/17

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Laird Technologies Test Services in Review

The Laird Technologies, Inc. laboratory located at W66 N220 Commerce Court Cedarburg, Wisconsin, 53012 USA is recognized through the following organizations:



A2LA – American Association for Laboratory Accreditation

Accreditation based on ISO/IEC 17025: 2005 with Electrical (EMC) Scope

A2LA Certificate Number: 1255.01

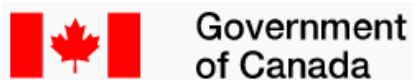
Scope of accreditation includes all test methods listed herein, unless otherwise noted.



Federal Communications Commission (FCC) – USA

Accredited recognition of two 3 meter Semi-Anechoic Chambers

Accredited Test Firm Registration Number: 953492



Innovation, Science and Economic Development Canada

ISED Site listing of two 3 meter Semi-Anechoic Chambers based on RSS-GEN – Issue 4

File Number: IC 3088A-2

File Number: IC 3088A-3

Company: Skynet Healthcare	Page 3 of 32	EUT Name: Skynet Beacon
Report: 317059		Model: Sky300
Job: C-2687		Serial: Engineering Sample

1 TEST REPORT SUMMARY

During **5/22/17 – 6/12/17** the Equipment Under Test (EUT), **Skynet Beacon**, as provided by **Skynet Healthcare** was tested to the following requirements:

Requirement	Description	Specification	Method	Result
FCC: 15.247 (a)(2) IC: RSS-247 5.2 (a)	Digital Modulation System 6 dB bandwidth	500 kHz	ANSI C63.10	Pass
FCC: 2.1049 IC: RSS-GEN 6.6	Occupied Bandwidth	Reported	ANSI C63.10	Pass
FCC: 15.247 (b)(3) IC: RSS-247 5.4 (d)	Maximum Conducted Output Power	30 dBm	ANSI C63.10	Pass
FCC: 15.247 (e) IC: RSS-247 5.2 (b)	Digital Modulation System Power Spectral Density	8 dBm / 3 kHz	ANSI C63.10	Pass
FCC: 15.247 (d) IC: RSS-247 5.5	RF Spurious Emissions at the Transmitter Antenna Terminal	20 dBc	ANSI C63.10	Pass
FCC: 15.247 (d) IC: RSS-GEN 8.10	Spurious Radiated Emissions in Restricted Bands	FCC 15.209 RSS-GEN 8.9	ANSI C63.10	Pass
FCC: 2.1055 (d) IC: RSS-GEN 6.11	Frequency Stability	Reported	ANSI C63.10	Pass

Notice:

The results relate only to the item tested and described in this report. Any modifications made to the equipment under test after the specified test date(s) may invalidate the data herein.

If the resulting measurement margin is seen to be within the uncertainty value, as listed in this report, the possibility exists that this unit may not meet the required limit specification if subsequently tested.

2 CLIENT INFORMATION

Company Name	Skynet Healthcare
Contact Person	Dorian Levy
Address	31105 US Hwy 19 N Palm Harbor, FL 34684

2.1 Equipment Under Test (EUT) Information

The following information has been supplied by the client

Product Name	Skynet Beacon
Model Number	Sky300
Serial Number	Engineering Sample
Additional Information	EUT consists only of BLE Radio
FCC ID#	2AMN8-SKY300
IC ID#	22892-SKY300

2.2 Product Description

The Sky300 is a wearable beacon that will be placed in a pendant or wristband. It acts as an un-connectable advertiser that sends an advertising packet once a second. Encoded in the advertising packets are rssi, button status, and battery level.

The antenna used on the EUT is a PCB Trace antenna (meandered Inverted F) with a peak antenna gain of +5.3 dBi.

2.3 Modifications Incorporated for Compliance

Firmware power setting dropped from 5 dBm to 4 dBm setting to pass Harmonics. Client understands the modifications.

2.4 Deviations and Exclusions from Test Specifications

None noted at time of test.

2.5 Additional Information

Some units were set up for conducted measurements and some for radiated measurements. No difference in model # or serial # to differentiate which units were used for actual testing. For radiated measurements below 1 GHz the EUT stood alone and was powered via DC bench supply located under the turn table and was oriented in 3 different orientations. For radiated measurements above 1 GHz the EUT was powered via programming board which was powered via laptop from a mini-USB cable. Emissions under 1 GHz were extremely high with peripheral equipment therefore the method of powering the unit needed to be modified to see if emissions were a product of the EUT or the peripheral equipment. Peripheral Equipment would be considered the HP laptop supplied by the customer and the TI CC2650 LaunchPad also supplied by the customer. The TI LaunchPad connects to the EUT and transports firmware to the EUT. EUT powered at 3.0 VDC. Channels tested: 2402, 2440, 2480 MHz. TI SmartRF Studio Version 3.4 was the software used for programming firmware onto the unit.

3 REFERENCES

Publication	Edition	Date
FCC CFR Parts 0-15	-	2017
ANSI C63.10	-	2013
RSS-247	2	2017
RSS-GEN	4	2014
FCC KDB 558074 D01 Measurement Guidance	04	2017

4 UNCERTAINTY SUMMARY

Using the guidance of the following publications the calculated measurement uncertainty represents an expanded uncertainty expressed at approximately the 95 % confidence level, using a coverage factor of $k = 2$.

References	Version / Date
CISPR 16-4-1	Ed. 2 (2009-02)
CISPR 16-4-2	Ed. 2 (2011-06)
CISPR 32	Ed. 1 (2012-01)
ANSI C63.23	2012
A2LA P103	February 4, 2016
A2LA P103c	August 10, 2015
ETSI TR 100-028	V1.3.1 (2001-03)

Measurement Type	Configuration	Uncertainty \pm
Radiated Emissions	Biconical Antenna	5.0 dB
Radiated Emissions	Log Periodic Antenna	5.3 dB
Radiated Emissions	Horn Antenna	4.7 dB
AC Line Conducted Emissions	Artificial Mains Network	3.4 dB
Telecom Conducted Emissions	Asymmetric Artificial Network	4.9 dB
Disturbance Power Emissions	Absorbing Clamp	4.1 dB
Radiated Immunity	3 Volts/meter	2.2 dB
Conducted Immunity	CDN/EM/BCI	2.4/3.5/3.4 dB
EFT Burst/Surge	Peak pulse voltage	164 volts
ESD Immunity	15 kV level	1377 Volts

Parameter	ETSI U.C. \pm	U.C. \pm
Radio Frequency, from F0	1×10^{-7}	0.55×10^{-7}
Occupied Channel Bandwidth	5 %	2 %
RF conducted Power (Power Meter)	1.5 dB	1.2 dB
RF conducted emissions (Spectrum Analyzer)	3.0 dB	1.7 dB
All emissions, radiated	6.0 dB	5.3 dB
Temperature	1° C	0.65° C
Humidity	5 %	2.9 %
Supply voltages	3 %	1 %

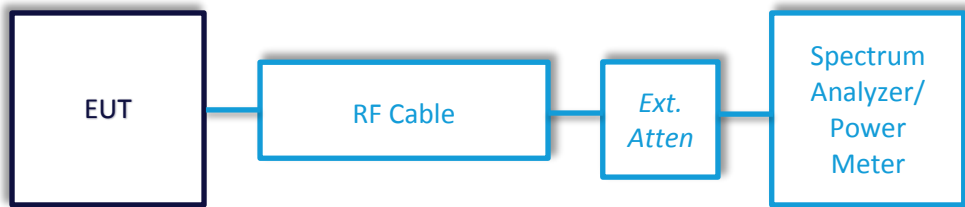
Company: Skynet Healthcare	Page 8 of 32	EUT Name: Skynet Beacon
Report: 317059		Model: Sky300
Job: C-2687		Serial: Engineering Sample

5 TEST DATA

5.1 Antenna Port Conducted Measurements

Description of Measurement	<p>The direct measurement of emissions at the antenna port of the EUT is achieved by use of a RF connection to a spectrum analyzer or power meter.</p> <p>The cable and attenuator factors are loaded into the analyzer or power meter allowing for direct measurement readings without the need for further corrections.</p>
Example Calculations	<p>Measurement (dBm) + Cable factor (dB) + External Attenuator (dB) = Corrected Reading (dBm)</p> <p>Margin (dB) = Limit (dBm) – Corrected Reading (dBm)</p>

Block Diagram



5.1.1 Antenna Port Conducted Measurements – DTS Bandwidth

Operator	Micheal Hintzke
QA	Khairul Aidi Zainal
Test Date	5/31/17
Location	Conducted Bench Area
Temp. / R.H.	71 F/ 51%
Requirement	CFR 47 Part 15.247(a)(2) RSS-247 section 5.2 (a)
Method	FCC KDB 558074 D01 Meas Guidance v04 section 8.1

Limits:

Frequency (MHz)	DTS BW Limit (MHz)
2402	0.5
2440	0.5
2480	0.5

Test Parameters

Frequency	2402, 2440, 2480 MHz
Settings	RBW=100kHz, VBW=300kHz
Settings	Span= 3 MHz
EUT	Continuous Tx Mod.
EUT	1 Mbps Data Rate

Instrumentation



Date : 31-May-2017

Test : DTS Bandwidth

Job # : C-2687

PE: Coby Hammerer

Customer : Skynet Healthcare

Quote #: 317059

No.	Asset #	Description	Manufacturer	Model #	Serial #	Cal Date	Cal Due Date	Equipment Status
1	EE 960095	EMI Receiver	Agilent	N9038A	MY51210148	5/12/2017	5/12/2018	Active Calibration

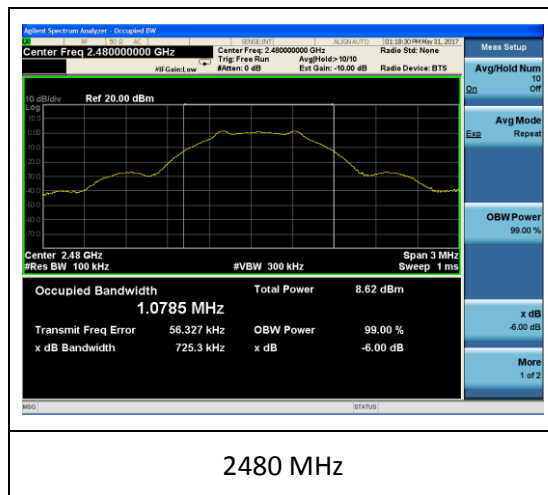
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Report: 317059		Model: Sky300
Job: C-2687		Serial: Engineering Sample

Table

Frequency (MHz)	DTS BW Measurement (MHz)	DTS BW Limit (MHz)	DTS BW Margin (MHz)
2402	0.7	0.5	0.2
2440	0.7	0.5	0.2
2480	0.7	0.5	0.2

Plots





5.1.2 Antenna Port Conducted Measurements – 99% OBW

Operator	Micheal Hintzke
QA	Khairul Aidi Zainal
Test Date	5/31/17
Location	Conducted Bench Area
Temp. / R.H.	71 F/ 51%
Requirement	ANSI C63.10 section 11.8.1
Method	ANSI C63.10 section 6.9.3

Limits:

N/A, Measurements only to be reported.

Test Parameters

Frequency	2402, 2440, 2480 MHz
Settings	RBW=30kHz, VBW=100kHz
Settings	Span= 3 MHz
EUT	Continuous Tx Mod.
EUT	1 Mbps Data Rate

Instrumentation



Smart Technology. Delivered.

Date: 31-May-2017 Test: 99% Bandwidth Job #: C-2687
PE: Coly Hammerer Customer: Skynet Healthcare Quote #: 317059

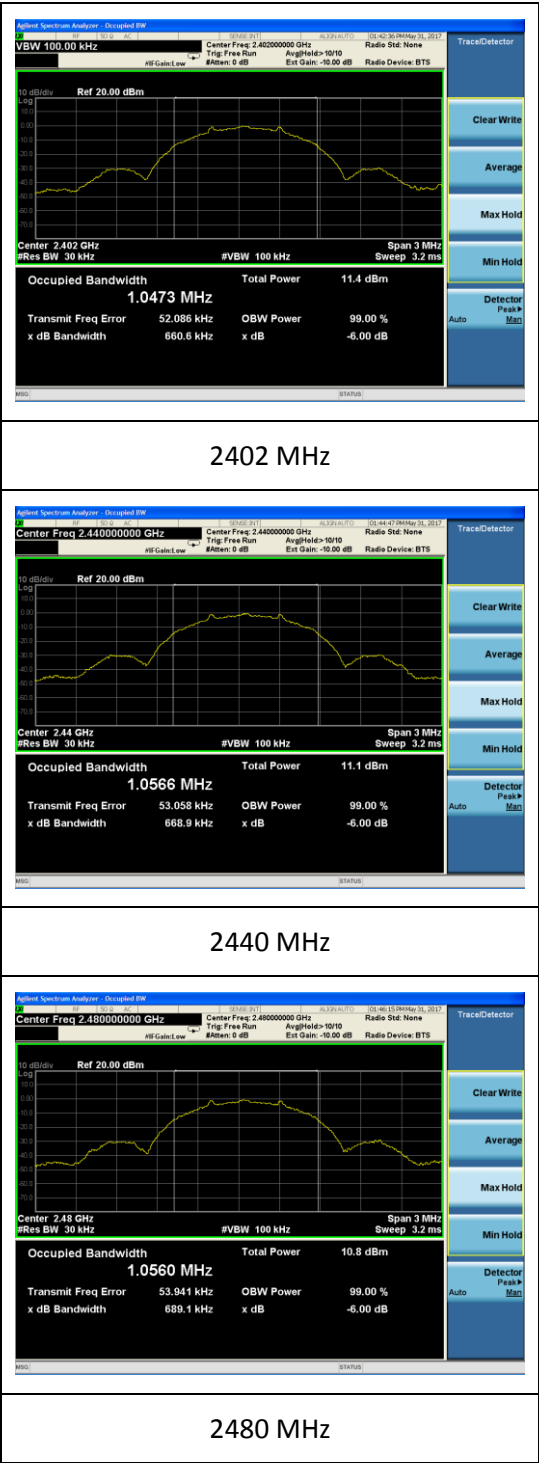
No.	Asset #	Description	Manufacturer	Model #	Serial #	Cal Date	Cal Due Date	Equipment Status
1	EE 960095	EMI Receiver	Agilent	N9036A	MY51210148	5/12/2017	5/12/2018	Active Calibration

Table

Frequency (MHz)	99% OBW Measurement (MHz)
2402	1.0
2440	1.1
2480	1.1

Company: Skynet Healthcare	Page 13 of 32	EUT Name: Skynet Beacon
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Job: C-2687		Serial: Engineering Sample

Plots



5.1.3 Antenna Port Conducted Measurements – Duty Cycle

Operator	Micheal Hintzke
QA	Khairul Aidi Zainal
Test Date	5/31/17
Location	Conducted Bench Area
Temp. / R.H.	71 F/ 51%
Requirement	ANSI C63.10 Section 11.6
Method	558074 D01 DTS Meas Guidance v04 section 6.0

Limits:

N/A, Measurements only to be reported.

Test Parameters

Frequency	2402, 2440, 2480 MHz
Settings	RBW=1MHz, VBW=50MHz
Settings	Span= 0 Hz
EUT	Continuous Tx Mod.
EUT	1 Mbps Data Rate

Instrumentation



Date : 31-May-2017

Test : Duty Cycle

Job # : C-2687

PE : Coty Hammerer

Customer : Skynet Healthcare

Quote #: 317059

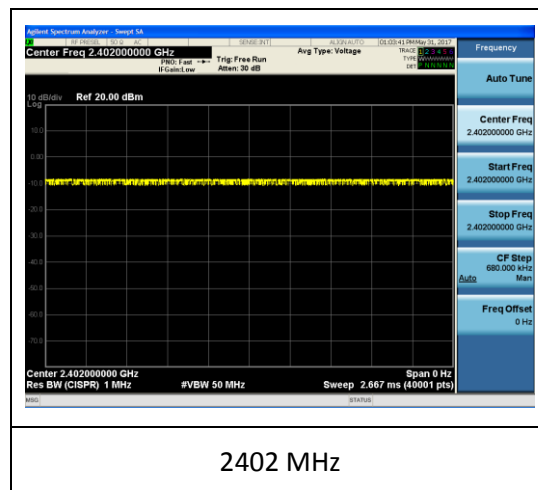
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1	EE 960085	EMI Receiver	Agilent	N9038A	MY51210148	5/12/2017	5/12/2018	Active Calibration

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Report: 317059		Model: Sky300
Job: C-2687		Serial: Engineering Sample

Table

Frequency (MHz)	Duty Cycle (%)
2402	100
2440	100
2480	100

Plots - Example



Note: Low, Mid, and High Channels all have 100% Duty Cycle

5.1.4 Antenna Port Conducted Measurements – Peak Conducted Output Power

Operator	Coty Hammerer
QA	Khairul Aidi Zainal
Test Date	6/16/17
Location	Conducted Bench Area
Temp. / R.H.	71 F/ 48%
Requirement	CFR 47 Part 15.247 (b) (3) and RSS-247 Section 5.4 (d)
Method	558074 D01 DTS Meas Guidance v04 Section 9.1

Limits:

Frequency (MHz)	Peak Output Power Limit (dBm)
2402	30.0
2440	30.0
2480	30.0

Test Parameters

Frequency	2402, 2440, 2480 MHz
Settings	RBW=1MHz, VBW=3MHz
Settings	Span= 3MHz
EUT	Continuous Tx Mod.
EUT	1 Mbps Data Rate

Instrumentation



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Date : 16-Jun-2017 Test : Conducted Power Output Job #: C-2687
PE: Coty Hammerer Customer : Skynet Healthcare Quote #: 317059

No.	Asset #	Description	Manufacturer	Model #	Serial #	Cal Date	Cal Due Date	Equipment Status
1	EE 960087	44GHz EXA Spectrum Analyzer	Agilent	N9010A	MY53400296	12/23/2016	12/23/2017	Active Calibration

Tested By: Coty Hammerer

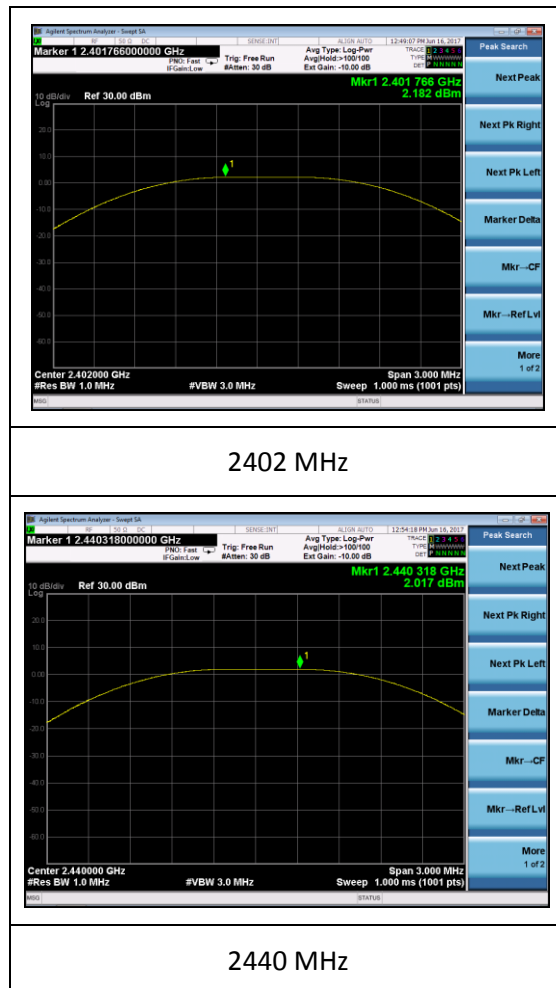
Quality Assurance: Khairul Aidi Zainal

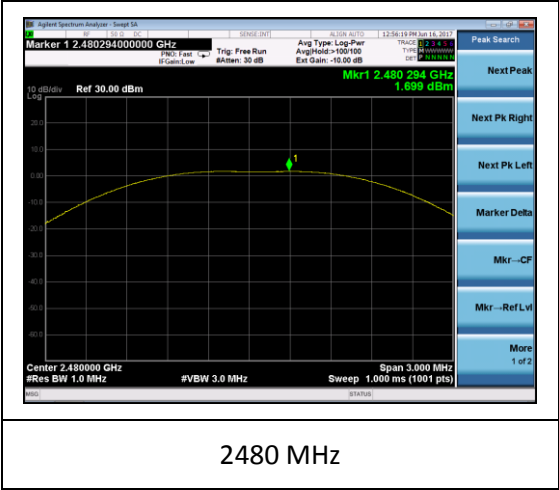
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Job: C-2687		Serial: Engineering Sample

Table

Frequency (MHz)	Peak Conducted Output Power (dBm)	Peak Output Power Limit (dBm)	Margin (dB)
2402	2.2	30.0	27.8
2440	2.0	30.0	28.0
2480	1.7	30.0	28.3

Plots





5.1.5 Antenna Port Conducted Measurements – PSD

Operator	Coty Hammerer
QA	Khairul Aidi Zainal
Test Date	6/16/17
Location	Conducted Bench Area
Temp. / R.H.	71 F/ 48%
Requirement	CFR 47 Part 15.247 Section (e) RSS-247 Section 5.4 (b)
Method	FCC KDB 558074 D01 Meas Guidance v04 section 10.2

Limits:

Frequency (MHz)	PSD In 3kHz BW (dBm)
2402	8.0
2440	8.0
2480	8.0

Test Parameters

Frequency	2402, 2440, 2480 MHz
Settings	RBW=100kHz, VBW=300kHz
Settings	Span = 1.5 x DTS BW
EUT	Continuous Tx Mod.
EUT	1 Mbps Data Rate

Instrumentation



Smart Technology. Delivered.

Date : 16-Jun-2017

Test : Conducted Power Output

Job # : C-2687

PE : Coty Hammerer

Customer : Skynet Healthcare

Quote # : 317059

No.	Asset #	Description	Manufacturer	Model #	Serial #	Cal Date	Cal Due Date	Equipment Status
1	EE 960087	44GHz EXA Spectrum Analyzer	Agilent	N9010A	MY53400296	12/22/2016	12/22/2017	Active Calibration

Tested By: Coty Hammerer

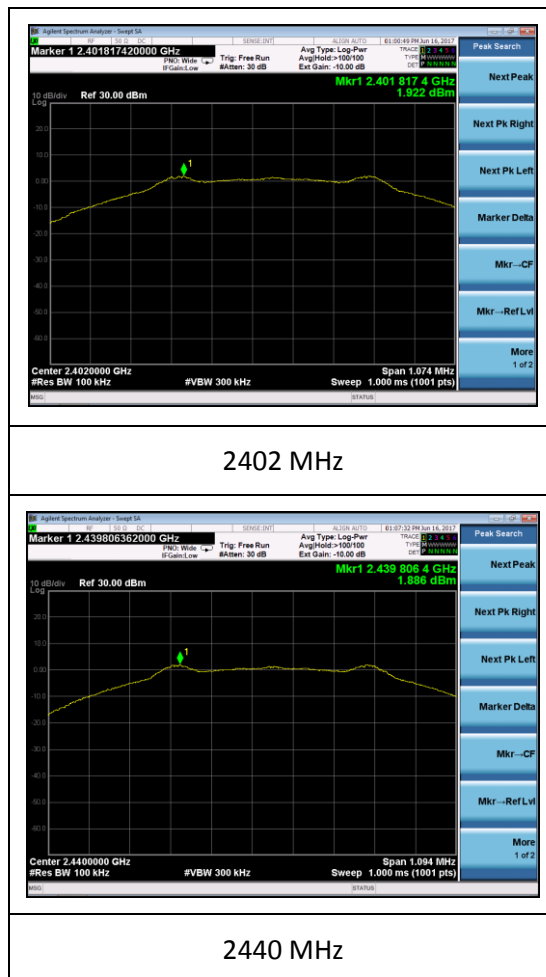
Quality Assurance: Khairul Aidi Zainal

Company: Skynet Healthcare	Page 20 of 32	EUT Name: Skynet Beacon
Report: 317059		Model: Sky300
Job: C-2687		Serial: Engineering Sample

Table

Frequency (MHz)	PSD In 100kHz Minimum BW (dBm)	PSD in 3kHz BW Limit (dBm)	Margin (dB)
2402	1.92	8	6.08
2440	1.89	8	6.11
2480	1.62	8	6.38

Plots





5.1.6 Antenna Port Conducted Measurements – TX Spurious in 100 kHz BW Measurements

Operator	Coty Hammerer
QA	Khairul Aidi Zainal
Test Date	6/16/17
Location	Conducted Bench Area
Temp. / R.H.	71 F/ 48%
Requirement	CFR 47 Part 15.247 Section (d) and RSS-247 Section 5.5
Method	558074 D01 DTS Meas Guidance v04 section 11

Limits:

Frequency (MHz)	Reference Level (dBm) [From 100kHz PSD Measurements]	Limit (dBm)
2402	1.922	-18.078
2440	1.886	-18.114
2480	1.615	-18.385

Test Parameters

Frequency	30 MHz – 25 GHz
Settings	RBW=100kHz, VBW=300kHz
Settings	Peak Detector
EUT	Continuous Tx Mod.
EUT	1 Mbps Data Rate

Instrumentation



Date : 16-Jun-2017		Test : Conducted Power Output				Job # : C-2687		
PE: Coty Hammerer		Customer : Skynet Healthcare				Quote #: 317059		
No.	Asset #	Description	Manufacturer	Model #	Serial #	Cal Date	Cal Due Date	Equipment Status
1	EE 960087	44GHz EXA Spectrum Analyzer	Agilent	N9010A	MY53400296	12/23/2016	12/23/2017	Active Calibration

Tested By: Coty Hammerer

Quality Assurance: Khairul Airdid Zainal

Tested By: Coty Hammerer

Quality Assurance: Khairul Aidi Zainal

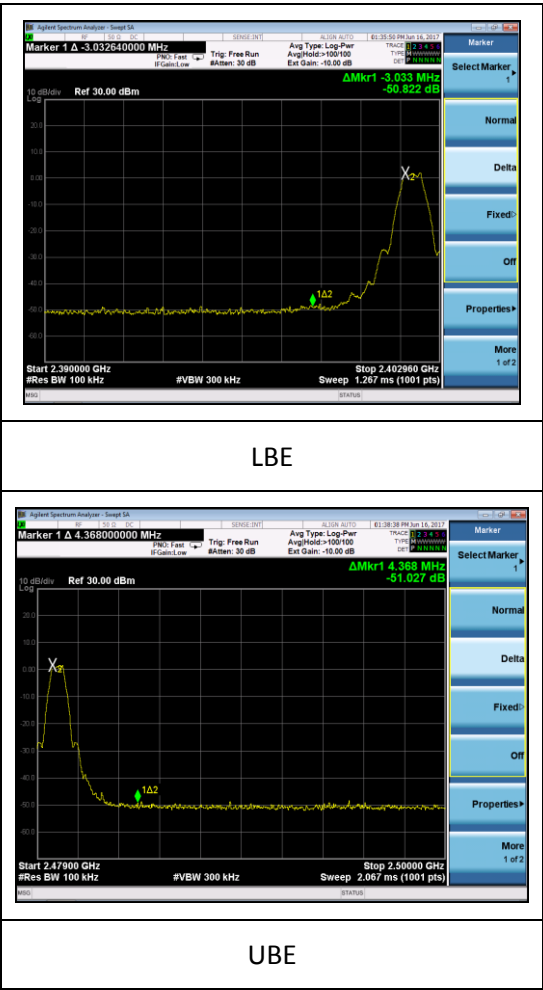
Company: Skynet Healthcare	Page 23 of 32	EUT Name: Skynet Beacon
Report: 317059		Model: Sky300
Job: C-2687		Serial: Engineering Sample

Table

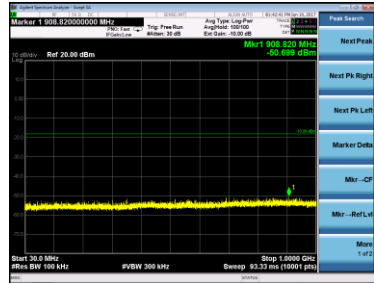
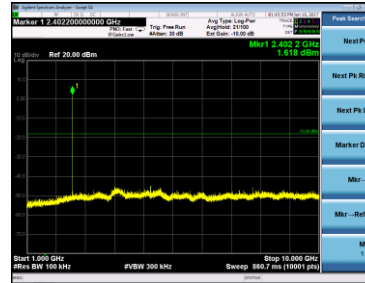
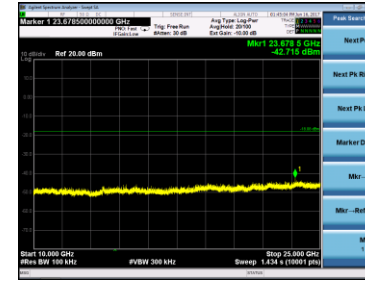
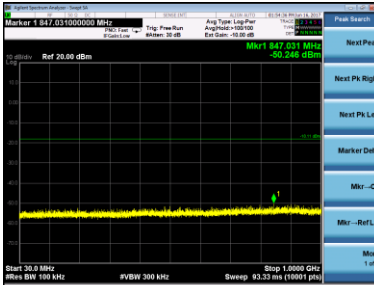
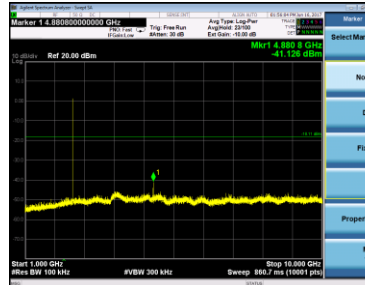
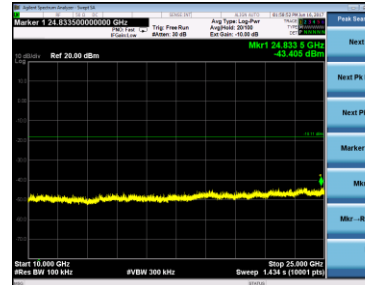
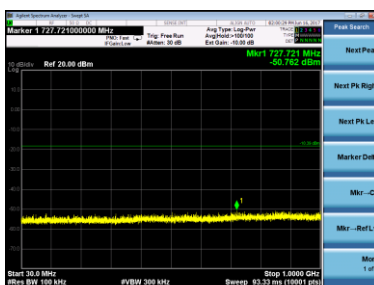
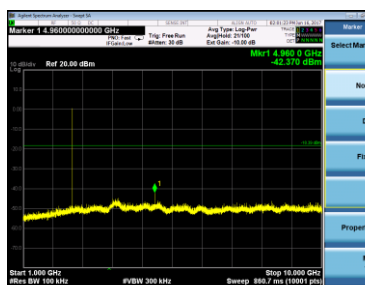

N/A, all emissions are 20dB or greater below the limit.

Reference Level Plots: Refer to PSD Plots in 100 kHz BW

Conducted Band-Edge in 100 kHz BW



TX Spurious in 100 kHz BW Conducted Measurement

		
Low Channel, 30 – 1000 MHz	Low Channel, 1 – 10 GHz	Low Channel, 10 – 25 GHz
		
Mid Channel, 30 – 1000 MHz	Mid Channel, 1 – 10 GHz	Mid Channel, 10 – 25 GHz
		
High Channel, 30 – 1000 MHz	High Channel, 1 – 10 GHz	High Channel, 10 – 25 GHz

5.1.7 Antenna Port Conducted Measurements – Frequency Stability

Operator	Coty Hammerer
QA	Khairul Aidi Zainal
Test Date	6/16/17
Location	Conducted Bench Area
Temp. / R.H.	71 F/ 48%
Requirement	CFR 47 Part 15.247
Method	CFR 47 Part 2.1055 (d)(1) RSS-Gen section 6.11

Test Parameters

Frequency	2402, 2440, 2480 MHz
Settings	RBW=100kHz, VBW=300kHz
Settings	Span = 1.5 x DTS BW
EUT	Continuous Tx Mod.
EUT	1 Mbps Data Rate

Instrumentation

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Smart Technology. Delivered.

Date: 16-Jun-2017 Test: Conducted Power Output Job #: C-2687

PE: Coty Hammerer Customer: Skynet Healthcare Quote #: 317059

No.	Asset #	Description	Manufacturer	Model #	Serial #	Cal Date	Cal Due Date	Equipment Status
1	EE 960087	44GHz EKA Spectrum Analyzer	Agilent	N8910A	M153400296	12/22/2016	12/22/2017	Active Calibration

Tested By: Coty Hammerer Quality Assurance: Khairul Aidi Zainal

Table

	2.55VDC	3.0VDC	3.45VDC	
Channel	Frequency (Hz)	Frequency (Hz)	Frequency (Hz)	Frequency Drift (Hz)
2402	2402052758	2402052962	2402052834	204.007
2440	2440054609	2440054685	2440054582	103.6129999
2480	2480054324	2480054231	2480054125	199.8109999

5.2 Radiated Emissions

Description of Measurement	<p>The frequency spectrum is investigated for intentional and / or unintentional signals emanating from the EUT by use of a standardized test site and measurement antenna.</p> <p>The antenna, cable, pre-amp, and other necessary measurement system correction factors are loaded onto the EMI receiver / spectrum analyzer when the measurements are performed allowing the data to be gathered and reported as corrected values.</p> <p>The maximum emissions from the EUT are determined by turn-table azimuth rotation (360°) and scanning of the measurement antenna. Maximized levels are noted at degree values of azimuth, measurement antenna height, and measurement antenna polarity.</p>
Example Calculations	<p>Measurement (dBμV) + Cable factor (dB) + Other (dB) + Antenna Factor (dB/m) = Corrected Reading (dBμV/m)</p> <p>Margin (dB) = Limit (dBμV/m) - Corrected Reading (dBμV/m)</p> <p>Example at 4000 MHz: Reading = 40 dBμV + 3.4 dB + 0.9 dB + 6.5 dB/m = 50.8 dBμV/m Average Limit = 20 log (500) = 54 dBμV/m Margin = 54 dBμV/m - 50.8 dBμV/m = 3.2 dB</p>

Block Diagram



5.2.1 Radiated Emissions

Operator	Coty Hammerer
QA	Khairul Aidi Zainal
Test Date	5/23/17, 5/24/17, 6/9/17, & 6/12/17
Location	3m Chamber
Temp. / R.H.	71 F/ 50 %
Requirement	CFR 47 Part 15.209 CFR 47 Part 15.205 RSS-GEN Section 6.13
Method	ANSI C63.10

Limits:

Frequency (MHz)	Field Strength ($\mu\text{V/m}$)	Measurement Distance (m)
30-88	100	3
88-216	150	3
216-960	200	3
>960	500	3

Test Parameters

Frequency	30 MHz – 25 GHz
Distance	3 meters
RBW Settings	≤ 1 GHz: 120 kHz >1 GHz: 1 MHz
VBW Settings	≤ 1 GHz: 1.2 MHz >1 GHz: 3 MHz (Peak); 10 Hz (Average)
EUT	Powered By DC Bench Supply Under Turn Table for Measurements < 1 GHz
EUT	Powered by host programming board which is powered by a laptop under the turn table. A USB to micro USB cable runs from the laptop to the host board for measurements > 1 GHz
Notes	3 Orthogonal Orientations of EUT were tested

Instrumentation



Date : 22-May-2017

Test : Radiated Emissions

Job # : C-2687

FE : Coty Hammerer

Customer : Skynet Healthcare

Quote # : 317059

No.	Asset #	Description	Manufacturer	Model #	Serial #	Cal Date	Cal Due Date	Equipment Status
1	EE 960087	Spectrum Analyzer	Agilent	N9010A	MY53400296	12/23/2016	12/23/2017	Active Calibration
2	AA 960171	Cable - low loss 6m	A.H. Systems, Inc.	SAC-26G-6	386	3/3/2016	10/2/2017	Active Verification
3	AA 960007	Double Ridge Horn Antenna	EMCO	3115	9311-4138	9/30/2017	9/30/2018	Active Calibration
4	AA 960154	High Pass Filter 2.4 GHz	KVM	HPF-L-14186	7272-02	9/30/2017	9/30/2018	Active Calibration
5	AA 960174	Small Horn Antenna	ETS Lindgren	316C-PA	00206880	9/12/2017	9/12/2018	Active Calibration
6	AA 960128	Biconical Antenna	ETS Lindgren	3110B	00062899	4/13/2017	4/13/2018	Active Calibration
7	EE 960088	EMI Receiver	Agilent	N9038A	MY51210138	3/2/2017	3/2/2018	Active Calibration
8	EE 960163	DC Power Supply	Tenma	72-8350A	MG371512549	7/12/2016	10/5/2017	Active Verification
9	AA 960078	Log Periodic Antenna	EMCO	93146	9701-4855	4/17/2017	4/17/2018	Active Calibration

Table

Peak Frequency (MHz)	Peak Measurement (dBμV/m)	Peak Limit (dBμV/m)	Peak Margin (dB)	Average Frequency (MHz)	Average Measurement (dBμV/m)	Average Limit (dBμV/m)	Average Margin (dB)
2376.32	56.73	74.00	17.27	2388.64	43.33	54.00	10.67
2484.01	57.91	74.00	16.09	2483.52	44.32	54.00	9.68

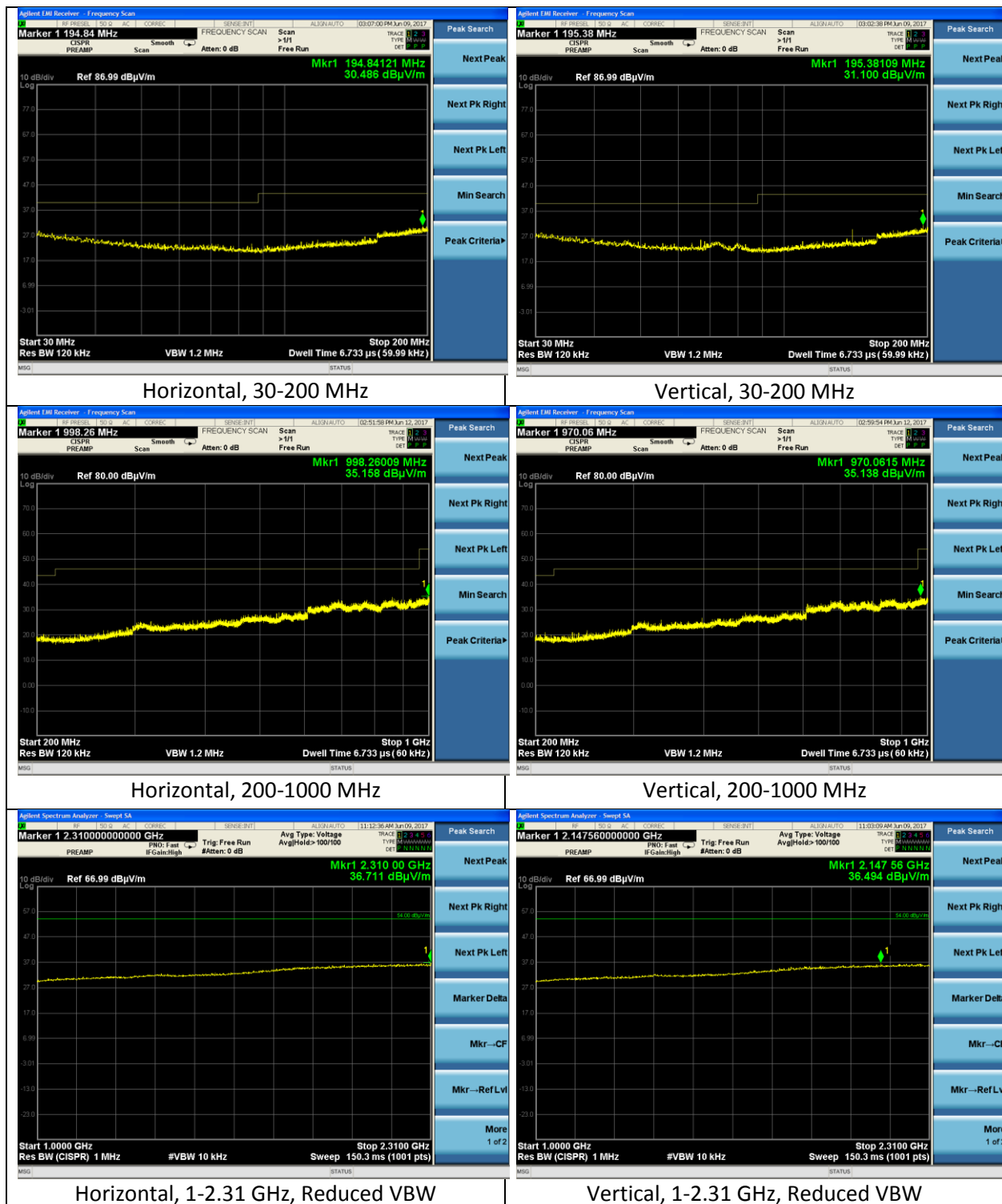
15.205 Restricted Band Emissions – Band Edges

Frequency (MHz)	Height (m)	Azimuth (degree)	Peak Reading (dBμV/m)	Average Reading (dBμV/m)	Average Limit (dBμV/m)	Average Margin (dB)	Antenna Polarity	EUT orientation
4804.00	2.60	79.00	50.34	45.67	54.00	8.33	Horizontal	Flat
4804.00	1.65	264.00	49.10	42.00	54.00	12.00	Vertical	Flat
4880.00	2.54	341.00	50.69	45.97	54.00	8.03	Horizontal	Vertical
4880.00	1.00	205.00	46.10	38.62	54.00	15.38	Vertical	Vertical
4880.00	2.54	343.00	47.78	41.99	54.00	12.01	Horizontal	Side
4880.00	2.18	21.50	50.75	46.06	54.00	7.94	Vertical	Side
4880.00	2.86	113.00	50.14	45.55	54.00	8.45	Horizontal	Flat
4880.00	3.80	247.00	47.97	41.88	54.00	12.12	Vertical	Flat
7320.00	2.25	310.00	57.21	51.11	54.00	2.89	Horizontal	Vertical
7320.00	2.15	150.00	60.01	53.98	54.00	0.02	Vertical	Vertical
7320.00	2.10	35.00	59.23	53.51	54.00	0.49	Horizontal	Side
7320.00	2.89	90.00	59.69	53.40	54.00	0.60	Vertical	Side
7320.00	2.33	118.00	60.60	52.13	54.00	1.87	Horizontal	Flat
7320.00	2.39	254.00	52.17	44.31	54.00	9.69	Vertical	Flat
4960.00	2.72	119.00	50.98	46.10	54.00	7.90	Horizontal	Flat
4960.00	1.00	270.00	48.41	42.19	54.00	11.81	Vertical	Flat
7440.00	2.30	121.00	53.34	45.94	54.00	8.06	Horizontal	Flat
7440.00	1.00	328.00	47.94	37.36	54.00	16.64	Vertical	Flat

15.205 Restricted Band Emissions – Transmitter Harmonics

Company: Skynet Healthcare	Page 29 of 32	EUT Name: Skynet Beacon
Report: 317059		Model: Sky300
Job: C-2687		Serial: Engineering Sample

Plots- Worst Case





6 REVISION HISTORY

Version	Date	Notes	Person
0	9/19/17		Coty Hammerer
V1	10/3/17	Revisions	Coty Hammerer
V2	10/9/17	FCC/IC IDs Added	Coty Hammerer
V3	11/17/17	RSS-247 Issue 2 Update	Coty Hammerer
V4	11/22/17	TCB Comments Addressed	Coty Hammerer

END OF REPORT