

Vayyar Imaging Ltd./ VM20BT

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RF Test Report

Project Number: 4281161

Report Number: 4281161EMC01 Revision Level: 0

Client: Vayyar Imaging Ltd.

Equipment Under Test: Handheld UWB Device

Model Number VM20BT

FCC ID: 2AHIS-VMAKER

Applicable Standards: ANSI C63.10:2013

FCC Part 15.519

Report issued on: 26 March 2018

Test Result: Compliant

Reviewed by:

Remarks: This report details the results of the testing carried out on one sample, the results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

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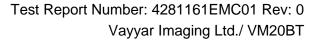






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Summary of Test Results

Basic Standards	Test Result
15.519(c) / 15.209, Radiated Emissions below 960 MHz	Compliant
15.519(d), Radiated Emissions in GPS Receive Bands	Compliant
15.519(b), UWB Bandwidth requirement	Compliant
15.519(c) Radiated power density(EIRP)	Compliant
15.519(e), Peak Power within a 50MHz bandwidth	Compliant

Modifications Required to Compliance

None

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General Information

Client Information 2.1

Name: Vayyar Imaging Ltd.

Address: 11 Altalef St.

City, State, Zip, Country: Yahud, Israel, 5621608

Test Laboratory 2.2

Name: SGS North America, Inc.

Address: 620 Old Peachtree Road NW, Suite 100

City, State, Zip, Country: Suwanee, GA 30024, USA

General Information of EUT 2.3

Model Number: VM20BT Serial Number: AO12917661

Firmware Version: FCC_v01_04dec2017

FCC ID: 2AHIS-VMAKER

Sample Received Date: 08 March 2018

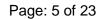
Dates of testing: 13 March 2018

Operating Modes and Conditions 2.4

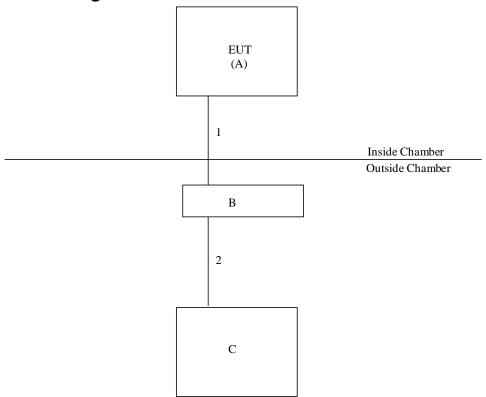
The EUT was programmed by the manufacturer to transmit continuously.

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2.6 System Configurations

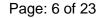
Device reference	Manufacturer	Description	Model Number	Serial Number				
Α	Vayyar Imaging	UWB device	VM20BT	AO12917661				
	Support Equipment							
В	Unitek	USB 3.0 7-Port Hub	Y-3187	NSN				
С	Lenovo	Ideapad Laptop	320-15AST	80XV009CUS				

2.7 Cable List

Cable reference	Port Name	Start	End	Cable Length (m)	Ferrite installed?	Shielded?
1	USB	EUT	USB Hub	8	N	Y
2	USB	USB Hub	Laptop	2	N	Υ

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Radiated Emissions below 960 MHz

Test Result 3.1

Test Description	Basic Standards	Test Result
Radiated Emissions	FCC15.519(3) (c)	Compliant

Test Method 3.2

Exploratory scans were performed over the frequency range as indicated in the tables below using the max hold function and incorporating a Peak detector and using TILE! software. The final test data was measured using a Quasi-Peak detector. The receiver's resolution bandwidth was set to 120 kHz. Measurements were made with the antenna positioned in both the horizontal and vertical planes of polarization. The antenna height was varied from 1 m to 4 m and the EUT was rotated 360° to find the maximum emitting point for each frequency. The EUT was manipulated through 3 orthogonal axes. The radiated measurements were recorded and compared to the limits indicated in the table below.

Radiated emissions limit below 1 GHz					
Frequency Range(MHz) Limit(QP dBµV/m) Distance					
30 – 88	40	3m			
88 – 216	43.52	3m			
216 – 960	46	3m			

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Test Site 3.3

3m Absorber Lined Shielded Enclosure (ALSE), Suwanee, GA

Environmental Conditions

Temperature: 23.5 °C Relative Humidity: 24.3 % Atmospheric Pressure: 98.0 kPa

Test Equipment 3.4

Test End Date: 13-Mar-2018 Tester: JOP

Equipment	Model	Manufacturer	Asset Number	Cal Due Date
EMI TEST RECEIVER	ESU40	ROHDE & SCHWARZ	B079629	25-Apr-2018
ANTENNA, BILOG	JB6	SUNOL	B079689	16-Oct-2018
RF CABLE	SF106	HUBER & SUHNER	B079712	24-Jul-2018
RF CABLE	NFS-290-78.7-NFS	FLORIDA RF LABS	B095019	24-Jul-2018
RF CABLE	UC-N-MM-78	MAURY MICROWAVE	17017	25-Jul-2018
RF CABLE	104PE	HUBER & SUHNER	B079793	24-Jul-2018
LOW NOISE AMPLIFIER	TS-PR18	ROHDE & SCHWARZ	15003	28-Jul-2018

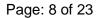
Note: The equipment calibration period is 1 year.

Software:

"RE 30-1000 MHz (12-2015)" TILE!

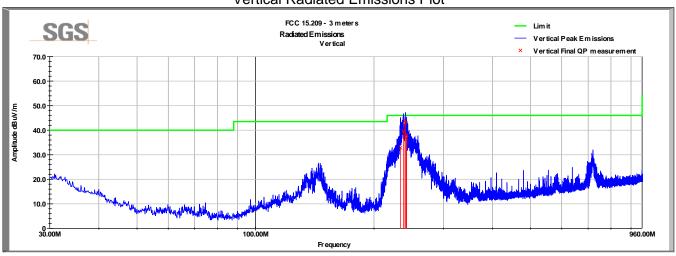
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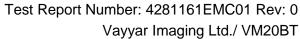
Test Data 3.5

Vertical Radiated Emissions Plot



Vertical Radiated Emissions Table

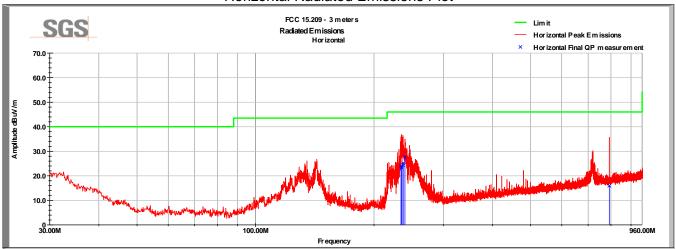
Frequency	Raw QP	Polarity	Azimuth	Height	AF	Loss	Amp	QP Value	Limit	Margin
MHz	(dBuV)	(∀/H)	(degrees)	(cm)	(dB/m)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)
233.49	53.4	V	26.0	266.0	12.0	1.1	33.7	32.8	46.0	-13.2
237.55	60.0	V	40.0	100.0	12.2	1.1	33.7	39.7	46.0	-6.3
239.73	64.2	V	8.0	146.0	12.2	1.1	33.7	43.9	46.0	-2.1
240.37	63.3	V	95.0	130.0	12.2	1.1	33.7	43.0	46.0	-3.0
241.77	57.2	V	31.0	117.0	12.2	1.1	33.7	36.9	46.0	-9.1
242.17	58.3	V	107.0	127.0	12.2	1.1	33.7	38.0	46.0	-8.0
QP Value = Le	evel + AF + CL	₋-Amp								
Margin = QP \	/alue - Limit									





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Horizontal Radiated Emissions Plot



Horizontal Radiated Emissions Table

Frequency	Raw QP	Polarity	Azimuth	Height	AF	Loss	Amp	QP Value	Limit	Margin
MHz	(dBuV)	(∀/H)	(degrees)	(cm)	(dB/m)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)
234.25	44.4	Η	259.0	250.0	12.1	1.1	33.7	23.9	46.0	-22.1
235.07	43.7	Η	258.0	250.0	12.1	1.1	33.7	23.3	46.0	-22.7
236.88	44.8	Η	206.0	250.0	12.1	1.1	33.7	24.4	46.0	-21.6
237.29	45.5	Η	220.0	250.0	12.1	1.1	33.7	25.2	46.0	-20.8
239.75	48.0	Η	243.0	250.0	12.2	1.1	33.7	27.7	46.0	-18.3
792.39	25.3	Н	80.0	267.0	22.0	2.1	33.4	16.0	46.0	-30.0
QP Value = Le	evel + AF + CL	Amp								
Margin = QP V	alue - Limit									



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Bandwidth requirements

Test Result 4.1

Test Description	Basic Standards	Test Result
Bandwidth requirement (-10 dB requirements)	15.503 (d), 15.519 (3)(b)	Compliant

Test Method 4.2

- 1) The -10 dB bandwidth of the fundamental emission shall be at least 500 MHz. For transmitters that employ frequency hopping, stepped frequency or similar modulation types, measurement of the -10 dB minimum bandwidth specified in this paragraph shall be made with the frequency hop or step function disabled and with the transmitter operating continuously at a fundamental frequency following the provisions of §15.31(m).
- 2) The -10 dB bandwidth is based on measurement using a peak detector, a 1 MHz resolution bandwidth, and a video bandwidth greater than or equal to the resolution bandwidth.

Test Site 4.3

3m Absorber Lined Shielded Enclosure (ALSE), Suwanee, GA

Environmental Conditions

Temperature: 23.5 °C Relative Humidity: 24.3 % Atmospheric Pressure: 98.0 kPa

Test Equipment

Test End Date: 13-Mar-2018 Tester: JOP

Equipment	Model	Manufacturer	Asset Number	Cal Due Date
EMI TEST RECEIVER	ESU40	ROHDE & SCHWARZ	B079629	25-Apr-2018
ANTENNA, DRG HORN (MEDIUM)	3117	ETS LINDGREN	B079699	16-May-2018
RF CABLE	SF106	HUBER & SUHNER	B079712	24-Jul-2018
RF CABLE	UC-N-MM-78	MAURY MICROWAVE	17017	25-Jul-2018
RF CABLE	104PE	HUBER & SUHNER	B079793	24-Jul-2018
LOW NOISE AMPLIFIER	TS-PR18	ROHDE & SCHWARZ	15003	28-Jul-2018

Note: The calibration period for this equipment is 1 year.

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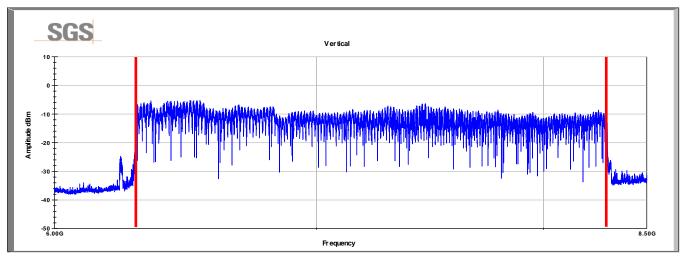
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Test Data 4.5



Lower (-10 dB): 6.294 GHz Upper (10 dB): 8.304 GHz

Bandwidth = 2010 MHz **Center = 7.299 GHz**



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Peak Power within a 50 MHz bandwidth

Test Result 5.1

Test Description	Basic Standards	Test Result
Peak Power in a 50 MHz Bandwidth	15.519 (3)(e)	Compliant

Test Method 5.2

- 1) There is a limit on the peak level of the emissions contained within a 50 MHz bandwidth centered on the frequency at which the highest radiated emission occurs, f_M. That limit is 0 dBm EIRP.
- 2) The peak EIRP limit is 20 log (RBW/50) dBm where RBW is the resolution bandwidth in megahertz that is employed by the measurement instrument. RBW shall not be lower than 1 MHz or greater than 50 MHz. The video bandwidth of the measurement instrument shall not be less than RBW.

If RBW is greater than 3 MHz, the application for certification filed with the Commission shall contain a detailed description of the test procedure, calibration of the test setup, and the Test Site.

Scans were performed with the EUT oriented in 3 orthogonal axes. The worst case orientation was reported.

Test Site 5.3

3m Absorber Lined Shielded Enclosure (ALSE), Suwanee, GA

Environmental Conditions

Temperature: 23.5 °C Relative Humidity: 24.3 % Atmospheric Pressure: 98.0 kPa

Test Equipment 5.4

Test Fnd Date: 13-Mar-2018 Tester: JOP

Equipment	Model	Manufacturer	Asset Number	Cal Due Date
EMI TEST RECEIVER	ESU40	ROHDE & SCHWARZ	B079629	25-Apr-2018
ANTENNA, DRG HORN (MEDIUM)	3117	ETS LINDGREN	B079699	16-May-2018
RF CABLE	SF106	HUBER & SUHNER	B079712	24-Jul-2018
RF CABLE	UC-N-MM-78	MAURY MICROWAVE	17017	25-Jul-2018
RF CABLE	104PE	HUBER & SUHNER	B079793	24-Jul-2018
LOW NOISE AMPLIFIER	TS-PR18	ROHDE & SCHWARZ	15003	28-Jul-2018

Note: The calibration period for this equipment is 1 year.

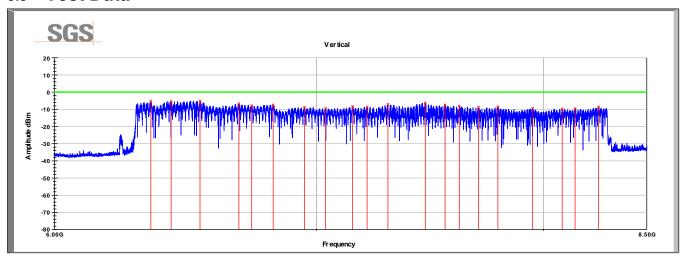
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Test Data 5.5



Frequency	Raw Peak	Polarity	Axis	Azimuth	Height	AF	CL	Amp	Measurment	Conversion	Test Distance	Conversion	Peak Value	Limit	Margin
MHz	dBuV		(x,y,z)	(degrees)			(dB)		BW	to 50MHz	m	FS to EIRP	dBm		(dB)
6350.00	80.0	٧	у	0.0	175.0	35.9	3.7	34.3	10.0	14.0	1.0	104.7	-5.4	0.0	-5.4
6426.25	79.9	V	у	0.0	175.0	35.9	3.8	34.3	10.0	14.0	1.0	104.7	-5.5	0.0	-5.5
6536.50	80.0	V	у	0.0	175.0	36.0	3.8	34.3	10.0	14.0	1.0	104.7	-5.2	0.0	-5.2
6687.50	78.4	V	у	0.0	175.0	36.0	3.9	34.3	10.0	14.0	1.0	104.7	-6.8	0.0	-6.8
6738.25	77.1	V	у	0.0	175.0	36.1	3.9	34.3	10.0	14.0	1.0	104.7	-7.9	0.0	-7.9
6823.75	77.5	V	У	0.0	175.0	36.1	4.0	34.3	10.0	14.0	1.0	104.7	-7.4	0.0	-7.4
6950.50	75.8	V	у	0.0	175.0	36.3	4.1	34.3	10.0	14.0	1.0	104.7	-8.9	0.0	-8.9
7037.25	75.1	V	у	0.0	175.0	36.3	4.1	34.3	10.0	14.0	1.0	104.7	-9.5	0.0	-9.5
7149.75	76.2	V	У	0.0	175.0	36.3	4.2	34.3	10.0	14.0	1.0	104.7	-8.4	0.0	-8.4
7211.25	75.9	V	У	0.0	175.0	36.2	4.2	34.3	10.0	14.0	1.0	104.7	-8.7	0.0	-8.7
7300.00	77.5	V	У	0.0	175.0	36.1	4.3	34.3	10.0	14.0	1.0	104.7	-7.1	0.0	-7.1
7462.00	78.2	V	У	0.0	175.0	36.0	4.5	34.4	10.0	14.0	1.0	104.7	-6.3	0.0	-6.3
7549.25	77.0	V	У	0.0	175.0	36.1	4.5	34.4	10.0	14.0	1.0	104.7	-7.5	0.0	-7.5
7612.75	76.2	V	У	0.0	175.0	36.1	4.6	34.3	10.0	14.0	1.0	104.7	-8.1	0.0	-8.1
7699.75	75.3	V	У	0.0	175.0	36.2	4.7	34.3	10.0	14.0	1.0	104.7	-8.9	0.0	-8.9
7787.75	75.5	V	У	0.0	175.0	36.2	4.8	34.3	10.0	14.0	1.0	104.7	-8.5	0.0	-8.5
7948.50	74.3	V	У	0.0	175.0	36.2	5.0	34.2	10.0	14.0	1.0	104.7	-9.4	0.0	-9.4
8087.50	73.7	V	У	0.0	175.0	36.2	5.2	34.2	10.0	14.0	1.0	104.7	-9.8	0.0	-9.8
8149.25	74.0	V	У	0.0	175.0	36.2	5.1	34.2	10.0	14.0	1.0	104.7	-9.6	0.0	-9.6
8262.50	75.0	V	у	0.0	175.0	36.3	5.0	34.2	10.0	14.0	1.0	104.7	-8.6	0.0	-8.6
Peak Value =	Level + AF +	CL - Amp + Co	onversion(28/5	io) + Conversi	on (FS/EIRP)										
Margin = Pea	k Value - Limit														

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Radiated Emissions (EIRP)

Test Result 6.1

Test Description	Basic Standards	Test Result
Radiated power density	15.519 (c)	Compliant

Test Method 6.2

Exploratory scan was performed on a test site that meets the requirements of ANSI C63.4:2014 above 960 MHz. The scan was performed at a distance of 1 meter. Field strength measurements were converted to EIRP. The distance of the scan is indicated on each scan.

Scans were performed with the EUT oriented in 3 orthogonal axes.

The conversion factor was calculated using 95.2 + 20*log(3/D) where D is the measurement distance.

Emissions from a transmitter operating under this section shall not exceed the following equivalent isotropically radiated power (EIRP) density levels:

1) The radiated emissions above 960 MHz from a device operating under the provisions of this section shall not exceed the following RMS average limits based on measurements using a 1 MHz resolution bandwidth:

Frequency (MHz)	EIRP (dBm)
960–1610	-75.3
1610–1990	-63.3
1990–3100	-61.3
3100–10600	-41.3
Above 10600	-61.3

2) In addition to the radiated emission limits specified in the table in paragraph (d)(1) of this section, transmitters operating under the provisions of this section shall not exceed the following RMS average limits when measured using a resolution bandwidth of no less than 1 kHz:

Frequency (MHz)	EIRP (dBm)
1164–1240	-85.3
1559–1610	-85.3



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Test Site 6.3

3m Absorber Lined Shielded Enclosure (ALSE), Suwanee, GA

Environmental Conditions

Temperature: 23.5 °C Relative Humidity: 24.3 % Atmospheric Pressure: 98.0 kPa

Test Equipment 6.4

Test End Date: 13-Mar-2018 Tester: JOP

Equipment	Model	Manufacturer	Asset Number	Cal Due Date
EMI TEST RECEIVER	ESU40	ROHDE & SCHWARZ	B079629	25-Apr-2018
ANTENNA, DRG HORN (MEDIUM)	3117	ETS LINDGREN	B079699	16-May-2018
RF CABLE	SF106	HUBER & SUHNER	B079712	24-Jul-2018
RF CABLE	UC-N-MM-78	MAURY MICROWAVE	17017	25-Jul-2018
RF CABLE	104PE	HUBER & SUHNER	B079793	24-Jul-2018
LOW NOISE AMPLIFIER	TS-PR18	ROHDE & SCHWARZ	15003	28-Jul-2018
RF CABLE	NFS-290-78.7-NFS	FLORIDA RF LABS	B095019	24-Jul-2018
ANTENNA, BILOG	JB6	SUNOL	B079689	16-Oct-2018
RF CABLE	SF102	HUBER & SUHNER	B079822	27-Jul-2018
RF CABLE	SF102	HUBER & SUHNER	B079823	26-Jul-2018
LOW NOISE AMPLIFIER	NSP1840-HG	MITEQ	B087572	28-Jul-2018
HORN(SMALL)	LB-180400-20-C-KF	A-INFO	15007	21-Mar-2018

Note: The calibration period for this equipment is 1 year.

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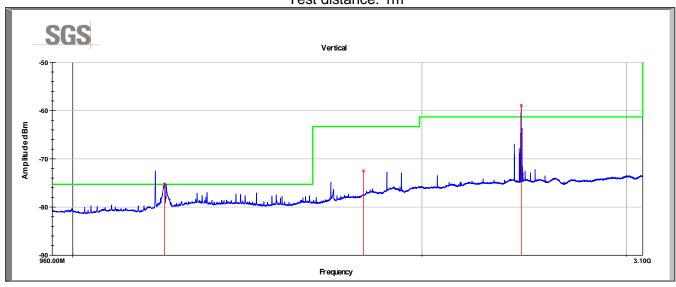


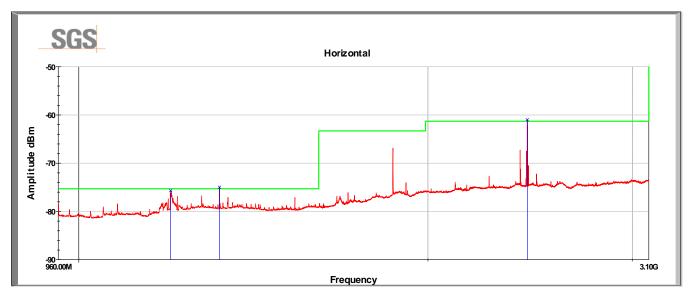
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Test Data

960 to 3100 MHz Test distance: 1m





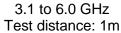
Frequency	Raw RMS	Polarity	Axis	AF	CL	Amp	Test Distance	Conversion	RMS Value	Limit	Margin	
MHz	dBuV	(V/H)	(x,y,z)	(dB/m)	(dB)	(dB)	m	FS to EIRP	dBm	dBm	(dB)	Note
1200.00	32.5	V	у	28.5	1.9	33.5	1.0	104.7	-75.3	-75.3	0.0	1
1781.00	33.0	V	У	30.5	2.4	33.6	1.0	104.7	-72.5	-63.3	-9.2	1
2435.70	43.8	V	У	32.9	2.8	33.7	1.0	104.7	-58.9	-61.3	2.4	1
1200.00	32.1	Н	у	28.5	1.9	33.5	1.0	104.7	-75.7	-75.3	-0.4	1
1322.30	32.1	Н	у	29.1	2.0	33.5	1.0	104.7	-75.0	-75.3	0.3	1
2435.70	41.7	Н	у	32.9	2.8	33.7	1.0	104.7	-61.0	-61.3	0.3	1
RMS Value = Level + AF + CL - Amp + Conversion (FS/EIRP)												
Margin = RMS	Value - Limit											

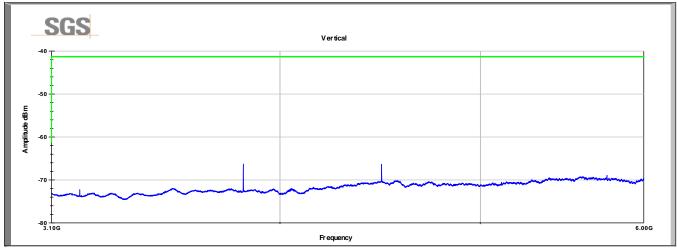
Note (1): The emissions were not associated with the transmissions from the EUT. These were digital transmissions traced to the USB or other digital emissions from the EUT. These emissions did not fluctuate when the UWB power was substantially reduced. As non-UWB emissions, they all meet the 500µV/m (-41.3dBm) limits of 15.209.

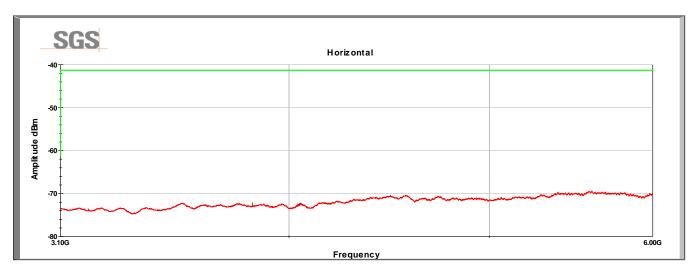


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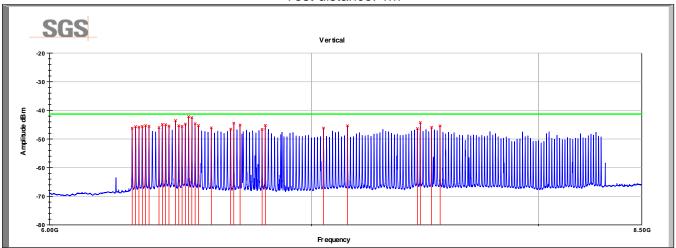




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6.0 to 8.5 GHz Test distance: 1m



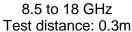
Only worst-case orientation reported

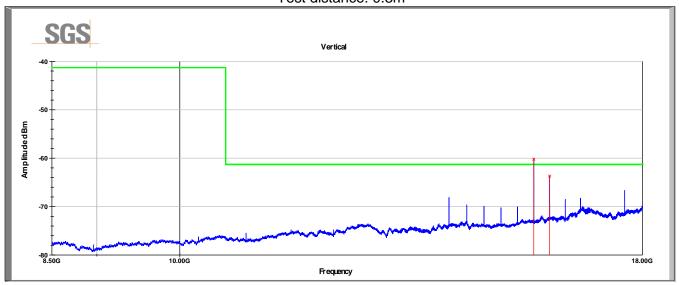
Frequency	Raw RMS	Polarity	Axis	AF	CL	Amp	Test Distance	Conversion	RMS Value	Limit	Margin
MHz	dBuV	(∨/H)	(x,y,z)	(dB/m)	(dB)	(dB)	m	FS to EIRP	dBm	dBm	(dB)
6299.50	53.1	V	у	36.0	3.7	34.3	1.0	104.7	-46.2	-41.3	-4.9
6312.00	53.7	V	у	36.0	3.7	34.3	1.0	104.7	-45.7	-41.3	-4.4
6324.50	53.5	V	у	36.0	3.7	34.3	1.0	104.7	-45.8	-41.3	-4.5
6337.00	53.8	V	у	35.9	3.7	34.3	1.0	104.7	-45.6	-41.3	-4.3
6349.25	54.0	V	у	35.9	3.7	34.3	1.0	104.7	-45.3	-41.3	-4.0
6362.25	53.8	V	у	35.9	3.7	34.3	1.0	104.7	-45.5	-41.3	-4.2
6399.50	53.3	V	у	35.9	3.7	34.3	1.0	104.7	-46.0	-41.3	-4.7
6412.00	54.4	V	у	35.9	3.8	34.3	1.0	104.7	-44.9	-41.3	-3.6
6424.50	54.3	V	у	35.9	3.8	34.3	1.0	104.7	-45.0	-41.3	-3.7
6437.00	53.8	V	у	36.0	3.8	34.3	1.0	104.7	-45.5	-41.3	-4.2
6462.00	55.7	V	у	36.0	3.8	34.3	1.0	104.7	-43.5	-41.3	-2.2
6474.50	53.9	V	у	36.0	3.8	34.3	1.0	104.7	-45.4	-41.3	-4.1
6487.00	53.6	V	у	36.0	3.8	34.3	1.0	104.7	-45.6	-41.3	-4.3
6499.50	54.5	V	у	36.0	3.8	34.3	1.0	104.7	-44.8	-41.3	-3.5
6512.00	57.0	V	у	36.0	3.8	34.3	1.0	104.7	-42.2	-41.3	-0.9
6524.25	56.7	V	у	36.0	3.8	34.3	1.0	104.7	-42.5	-41.3	-1.2
6537.00	54.6	V	у	36.0	3.8	34.3	1.0	104.7	-44.6	-41.3	-3.3
6549.75	53.9	V	у	36.0	3.8	34.3	1.0	104.7	-45.3	-41.3	-4.0
6599.50	53.1	V	у	36.0	3.8	34.3	1.0	104.7	-46.1	-41.3	-4.8
6675.00	52.6	V	у	36.0	3.9	34.3	1.0	104.7	-46.5	-41.3	-5.2
6687.25	54.7	V	у	36.0	3.9	34.3	1.0	104.7	-44.5	-41.3	-3.2
6712.00	54.0	V	у	36.0	3.9	34.3	1.0	104.7	-45.1	-41.3	-3.8
6799.50	52.3	V	у	36.1	3.9	34.3	1.0	104.7	-46.6	-41.3	-5.3
6812.25	53.7	V	у	36.1	4.0	34.3	1.0	104.7	-45.2	-41.3	-3.9
7049.50	52.4	V	у	36.3	4.1	34.3	1.0	104.7	-46.2	-41.3	-4.9
7149.50	53.2	V	у	36.3	4.2	34.3	1.0	104.7	-45.4	-41.3	-4.1
7449.50	52.2	V	у	36.1	4.5	34.4	1.0	104.7	-46.4	-41.3	-5.1
7462.25	54.2	V	у	36.0	4.5	34.4	1.0	104.7	-44.3	-41.3	-3.0
7512.25	52.6	V	у	36.1	4.5	34.4	1.0	104.7	-45.9	-41.3	-4.6
7549.75	53.0	V	у	36.1	4.5	34.4	1.0	104.7	-45.4	-41.3	-4.1
RMS Value =	Level + AF + 0	CL - Amp + Co	nversion (FS/I	EIRP)							
Margin = RMS	Value - Limit										

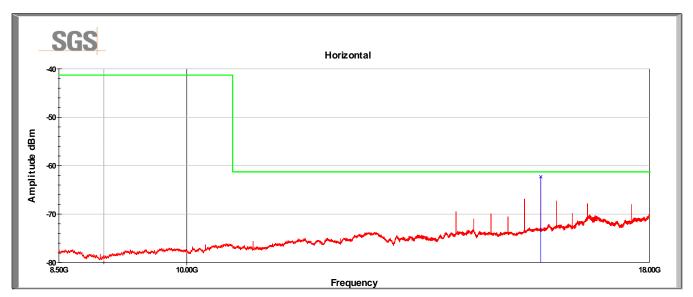


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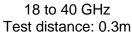
Frequency	Raw RMS	Polarity	Axis	AF	CL	Amp	Test Distance	Conversion	RMS Value	Limit	Margin	
MHz	dBuV	(V/H)	(x,y,z)	(dB/m)	(dB)	(dB)	m	FS to EIRP	dBm	dBm	(dB)	Note
15679.20	30.5	V	у	40.5	7.7	34.1	1.0	104.7	-60.2	-61.3	1.1	1
15998.80	26.6	V	у	40.9	7.7	34.1	1.0	104.7	-63.7	-61.3	-2.4	1
15679.20	28.4	Н	у	40.5	7.7	34.1	1.0	104.7	-62.3	-61.3	-1.0	1
RMS Value =	Level + AF + 0	CL - Amp + Co	nversion (FS/	EIRP)								
Margin = RMS	Value - Limit											

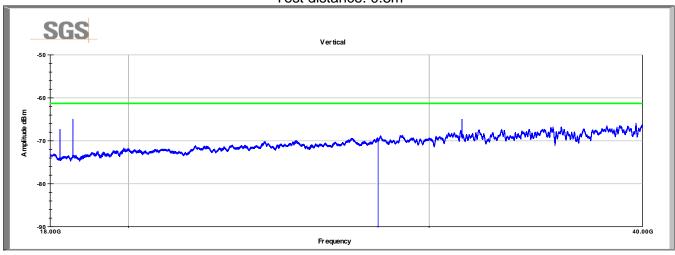
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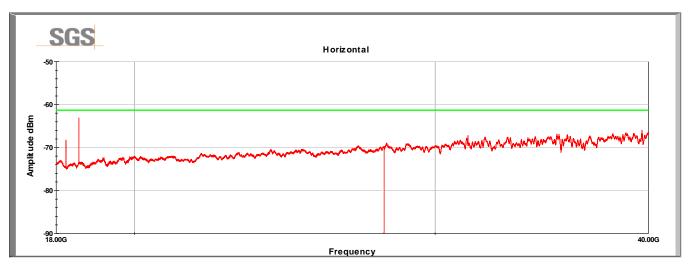


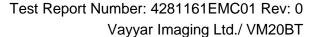
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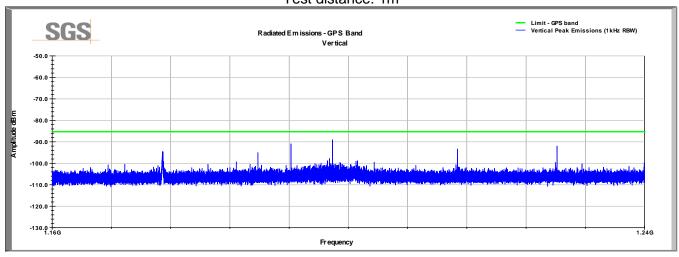


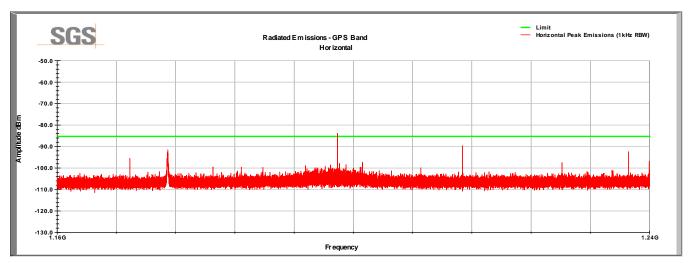


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Lower GPS Band Test distance: 1m





Frequency MHz	Raw RMS dBuV	Polarity	Axis	AF (dB/m)	CL (dB)		Test Distance	Conversion FS to EIRP	RMS Value	Limit dBm	Margin	Note
		(V/H)	(x,y,z)	_ ` /	(dB)	(dB)	m				(dB)	Note
1200.00	18.4	V	У	28.5	1.9	33.2	1.0	104.7	-89.1	-85.3	-3.8	1
1200.00	23.6	Н	у	28.5	1.9	33.2	1.0	104.7	-83.9	-85.3	1.4	1
RMS Value = Level + AF + CL - Amp + Conversion (FS/EIRP)												
Margin = RMS	Value - Limit											

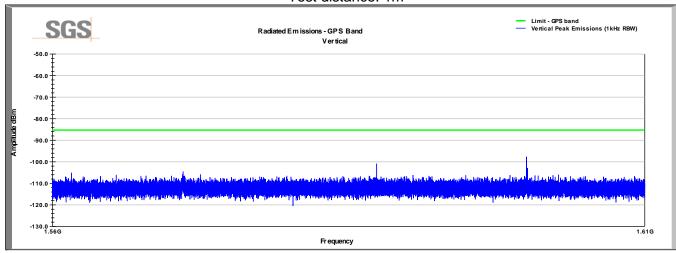
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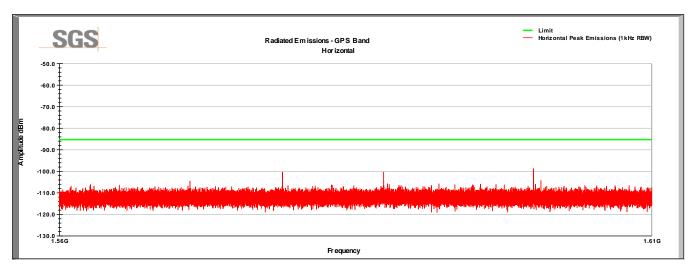


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Upper GPS Band Test distance: 1m







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7 Revision History

ision Date
arch 2018

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