

Report No. 326237-3

Test Report

Product Digital Wireless Transmitter

Name and address of the

applicant

RØDE Microphones 107 Carnarvon Street 2128 Silverwater, Australia

Name and address of the

manufacturer

RØDE Microphones 107 Carnarvon Street 2128 Silverwater, Australia

Model RØDELink TX-M2

Rating 3.0V DC Primary Batteries (5.0V DC, 500mA USB Powered)

Trademark RØDELink

Serial number 0001 and 0002

Additional information Digital Wireless Transmitter with Microphone or USB HID

Tested according to FCC Part 15.247

Frequency Hopping Transmitters / Digital Transmission Systems

Industry Canada RSS-247, Issue 2

Low Power Licence-Exempt Radiocommunications Devices

Order number 326237

Tested in period 2017.04.03 to 2017.04.24

Issue date 2017.06.28

Name and address of the testing laboratory

Nemko

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Prepared by [Frode Sveinsen]

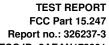
Approved by [G.Suhanthakumar]

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FCC Part 15.247 Report no.: 326237-3 FCC ID: 2AEAN173001



1 **INFORMATION**

1.1 **Test Item**

Name :	RØDE Microphones
Name:	'
FCC ID:	2AEAN173001
Industry Canada ID :	20091-173001
Model/version:	RØDELink TX-M2
Serial number :	Radiated sample: 0001 Conducted Sample: 0002
Hardware identity and/or version:	v0003 rA
Software identity and/or version :	V0003
Frequency Range :	2403 – 2481 MHz
Number of Channels :	39
Operating Modes :	USB HID (no RF) Audio (RF On)
Type of Modulation :	Digital (GFSK)
User Frequency Adjustment :	None
Rated Output Power :	0.0074 W (Conducted)
Power Supply :	Primary Batteries (2x AA cells), or Secondary Battery (3.8V Li-lon battery pack), or USB Power (5V DC, 500mA)
Antenna Connector :	None (Integral Antennas)
Number of Antennas :	2
Antenna Diversity Supported :	Yes
Smart Antenna System :	No
Interfaces :	USB HID, USB Power

Description of Test Item

The EUT is a Digital Wireless Audio Transmitter. The equipment uses adaptive dynamic frequency selection.



1.2 Normal test condition

Temperature: 21.3 - 23.6 °C Relative humidity: 29 - 50 %

Normal test voltage: 3.0 V DC (Nominal Battery Voltage)

All tests were performed with fresh alkaline batteries.

The values are the limit registered during the test period.

1.3 Test Engineer(s)

Frode Sveinsen

1.4 Description of modification for Modification Filing

Not applicable.

1.5 Family List Rational

Not Applicable.

1.6 Antenna Requirement

s the antenna detachable?	☐ Yes	⊠ No
If detachable, is the antenna connector non-standard?	☐ Yes	☐ No
Type of antenna connector: Reverse SMA		
D (FOO ME 000		

Ref. FCC §15.203

1.7 Comments

It was checked that output power remained constant when the EUT was powered from USB, the USB voltage was also varied by $\pm 10\%$.



2 TEST REPORT SUMMARY

2.1 General

All measurements are tracable to national standards.

The tests were conducted for demonstrating compliance with FCC CFR 47 Part 15, paragraph 15.247 and ISED RSS-247 Issue 2.

Tests were performed in accordance with ANSI C63.4-2014 and and ANSI C63.10-2013.

Radiated tests were made in a semi-anechoic chamber at measuring distances of 1m and 3m.

A description of the test facility is on file with the FCC and ISED.

	□ Production Unit		
☐ Class II Permissive Change	☐ Pre-production Unit		
DTS Equipment Code	☐ Family Listing		

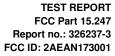


THIS TEST REPORT APPLIES ONLY TO THE ITEM(S) AND CONFIGURATIONS TESTED.

Deviations from, additions to, or exclusions from the test specifications are described in "Summary of Test Data".

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2.2 Test Summary

Name of test	FCC Part 15 reference	RSS-247 Issue 2, RSS-GEN Issue 4 reference	Result
Supply Voltage Variations	15.31(e)	6.11 (RSS-GEN)	Complies
Antenna Requirement	15.203	8.3 (RSS-GEN)	Complies
Power Line Conducted Emission	15.107(a) 15.207(a)	8.8 (RSS-GEN)	Complies
Occupied Bandwidth	N/A	6.6 (RSS-GEN)	Complies
Minimum 6 dB Bandwidth	15.247(a)(2)	5.2 (1) (RSS-247)	Complies
Peak Power Output	15.247(b)	5.4 (RSS-247)	Complies
Power Spectral Density	15.247(d)	5.2 (2) (RSS-247)	Complies
Spurious Emissions (Antenna Conducted)	15.247(c)	5.5 (RSS-247)	Complies
Spurious Emissions (Radiated)	15.247(c) 15.109(a) 15.209(a)	5.5 (RSS-247) 6.13 (RSS-GEN) 8.9 (RSS-GEN)	Complies



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3 TEST RESULTS

3.1 Power Line Conducted Emissions

FCC Part 15.207 (a)

ISED RSS-GEN Issue 4, Clause 8.8

Test Performed By: Thanh Tran Date of Test: 24-April-2017

Measurement procedure: ANSI C63.4-2014 using 50 μ H/50 ohms LISN.

Test Results: Complies.

Measurement Data: See attached graph, (Peak detector).

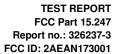
Highest measured value (L1 and N):

All emissions are below the limits in FCC 15.207

Powered from USB Adaptor, Active Link:

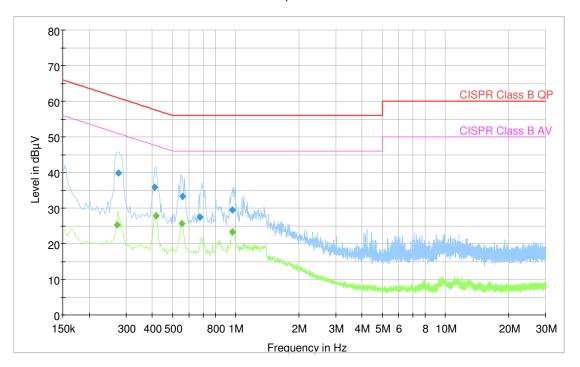
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	PE	Corr. (dB)
0.272		25.32	51.06	25.74	1000	9	L1	GND	10.1
0.276	39.76		60.94	21.18	1000	9	N	GND	10.1
0.412	35.86		57.61	21.75	1000	9	L1	GND	10.1
0.416		27.76	47.53	19.77	1000	9	L1	GND	10.1
0.556		25.55	46.00	20.45	1000	9	L1	GND	10.1
0.560	33.29		56.00	22.71	1000	9	L1	GND	10.1
0.676	27.43		56.00	28.57	1000	9	L1	GND	10.1
0.964		23.25	46.00	22.75	1000	9	L1	GND	10.1
0.964	29.40		56.00	26.60	1000	9	L1	GND	10.1

The test was performed with an Apple A1400 USB adaptor (Flextronics, EU version). Input voltage to the adaptor was 120V 60 Hz.









Powered from USB Adaptor, Active Link



3.2 Occupied Bandwidth

FCC Part 15.247 (a)(1)(iii)
Test Results: Complies

Measurement Data: 39 RF channels in use

Carrier Frequency	Occupied Bandwidth (99%) (MHz)
2403 MHz	1.36
2441 MHz	1.36
2481 MHz	1.35

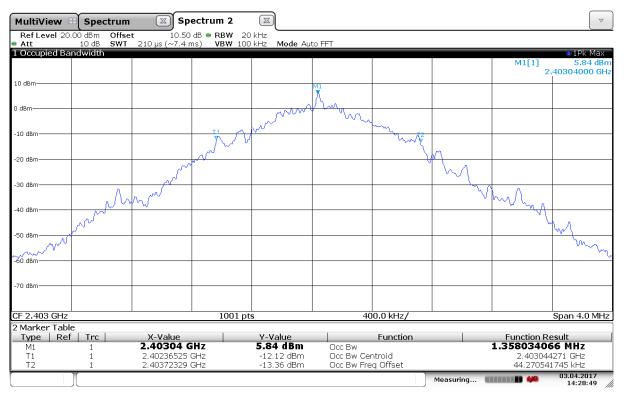
Occupied Bandwith is reported for information only.

See attached plots.

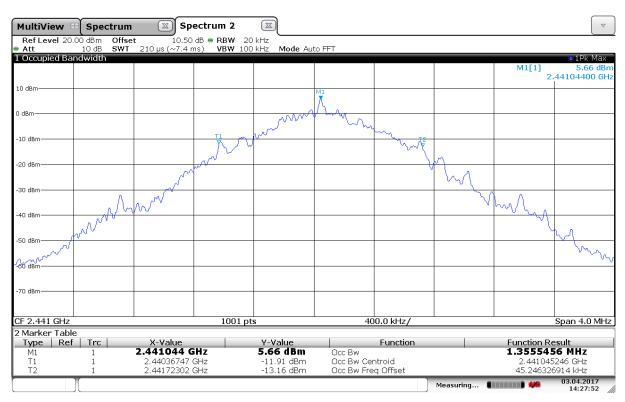
Requirements:

No requirements for Digital Transmission Systems.



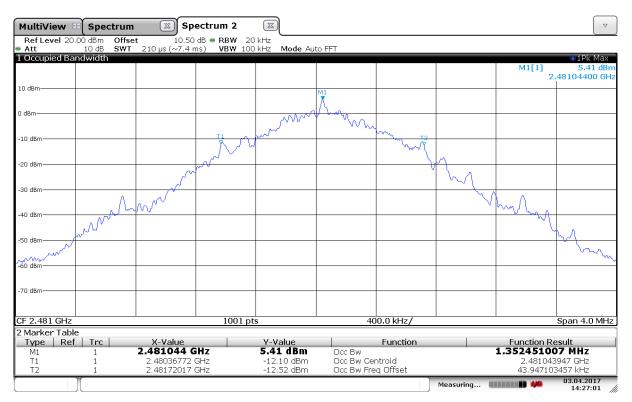


99% Bandwidth, 2403 MHz



99% Bandwidth, 2441 MHz





99% Bandwidth, 2481 MHz



3.3 Minimum 6 dB Bandwidth

FCC Part 15.247 (a)(2)

Test Results: Complies

Measurement Data:

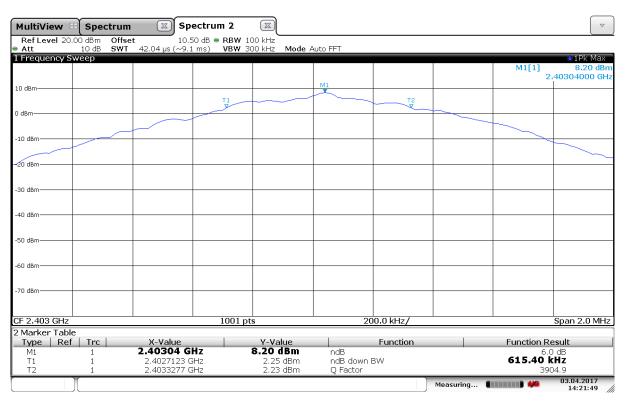
Carrier Frequency	Minimum 6 dB Bandwidth (kHz)
2403 MHz	615
2441 MHz	663
2481 MHz	601

Power supply variation within 85 % to 115% of nominal value has no influence on measured value.

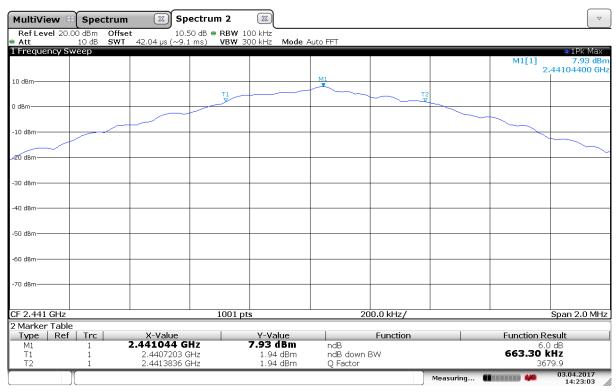
Requirements:

For Digital Transmission Systems in the 2400-2483.5 MHz band the minimum 6 dB bandwidth shall be at least 500 KHz.





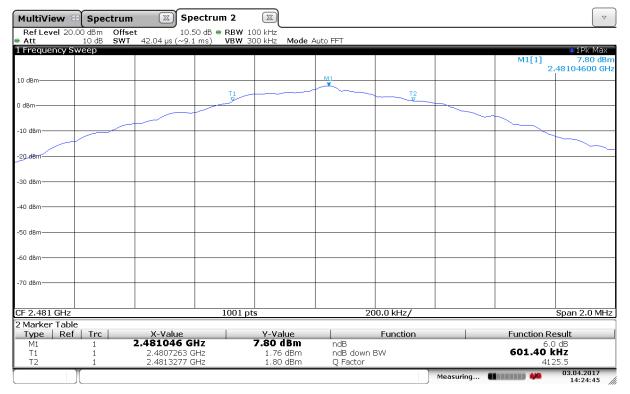
Minimum 6 dB Bandwidth, 2403 MHz



Minimum 6 dB Bandwidth, 2441 MHz



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Minimum 6 dB Bandwidth, 2481 MHz



Peak Power Output

FCC part 15.247 (b)

3.4

Test Results: Complies

Measurement Data:

Carrier Frequency	2403 MHz	2441 MHz	2481 MHz
Conducted Power (dBm)	8.7	8.4	8.1
Conducted Power (mW)	7.4	6.9	6.5
Field Strength (dBμV/m)	107.7	107.0	106.7
EIRP, Calculated (mW)	17.6	14.9	13.9
Antenna gain (dBi)	3.7	3.3	3.3

Antenna gain = 10*log(EIRP/Conducted power) dBi

EIRP is calculated from measured field strength by the formulas in KDB 412172 D01 Determining ERP and EIRP v01.

Power supply variation within 85 % to 115% of nominal value has no influence on measured value.

Radiated Power was measured on both antennas and the EUT was rotated in 3 planes to find the maximum value. Only the maximum value is reported.

See attached plots.

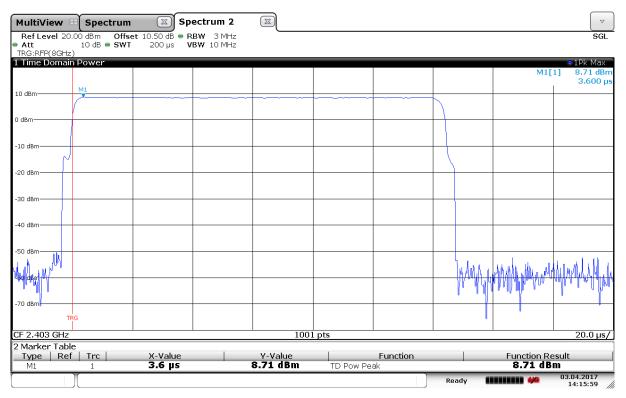
Requirements:

The maximum peak output power shall not exceed the following limits:

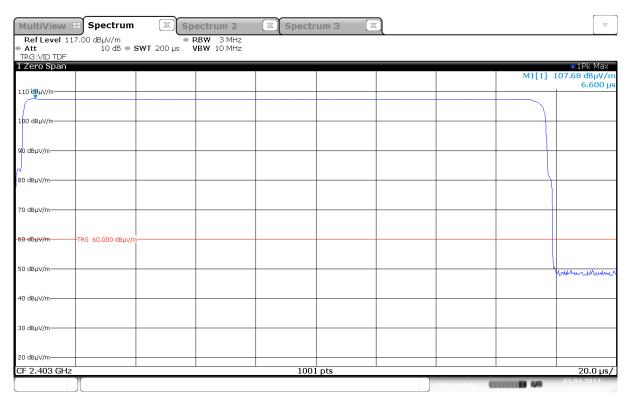
For Digital Transmission Systems in the 2400 - 2483.5 MHz band: 1 Watt

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power from the intentional radiator shall be reduced below the stated value above by the amount in dB that the directional gain of the antenna exceeds 6 dBi.



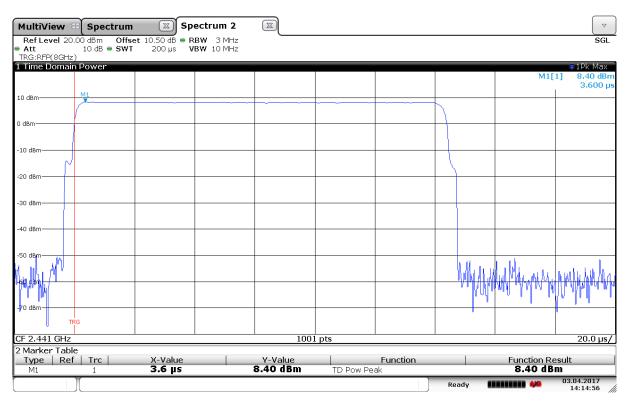


Conducted Power, 2403 MHz

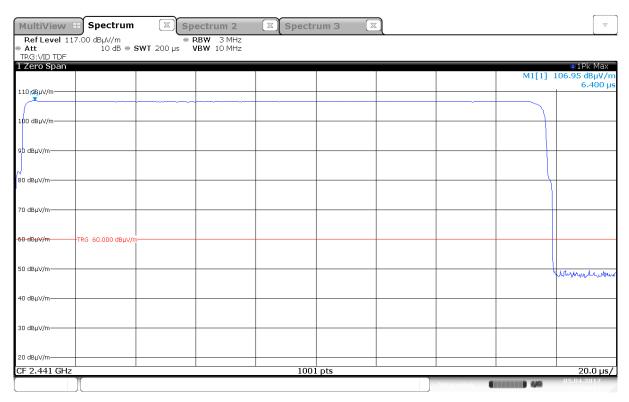


Radiated Power, 2403 MHz (Max: EUT H2, Ant2, VP)



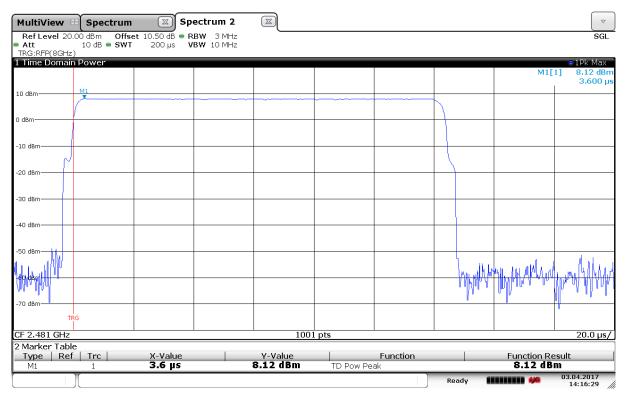


Conducted Power, 2441 MHz

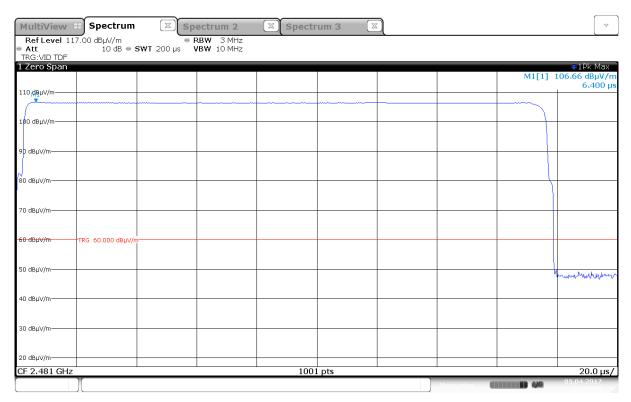


Radiated Power, 2441 MHz (Max: EUT H2, Ant2, VP)





Conducted Power, 2481 MHz



Radiated Power, 2481 MHz (Max: EUT H2, Ant2, VP)



3.5 Conducted Emissions at Antenna Connector

FCC Part 15.247 (d)

Test Results: Complies

Measurement Data:

Carrier Frequency	Highest Value (dBc)	Margin (dB)	Verdict
2403 MHz	> 60	> 40	Pass
2441 MHz	> 60	> 40	Pass
2481 MHz	> 60	> 40	Pass

Measured with Peak Detector

RF conducted power to 25 GHz: see attached plots.

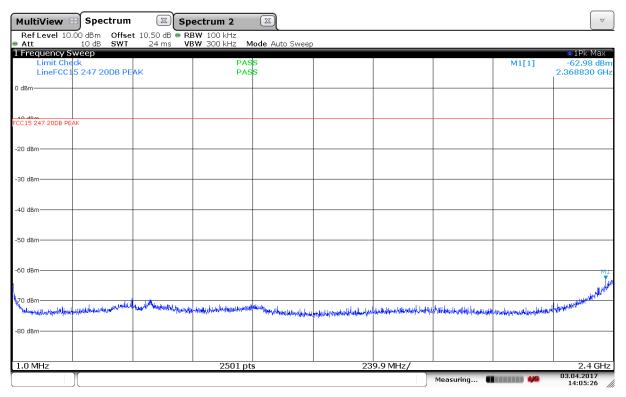
Limit

Peak measurement	RMS averaging
20 dBc or more in 100 kHz bandwidth	30 dBc or more in 100 kHz bandwidth

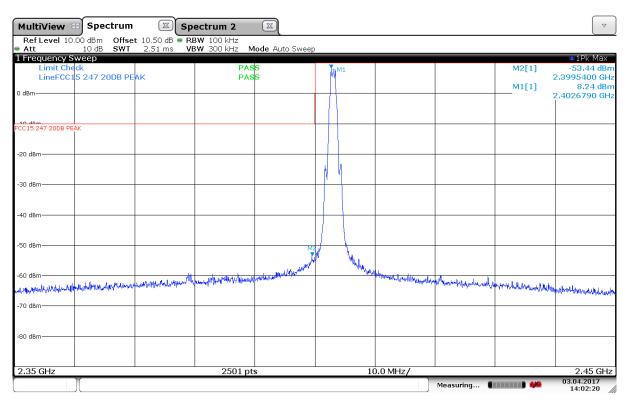
Detector type shall be the same as used for measuring Output Power.

Attenuation below the general limits specified in part 15.209(a) is not required.



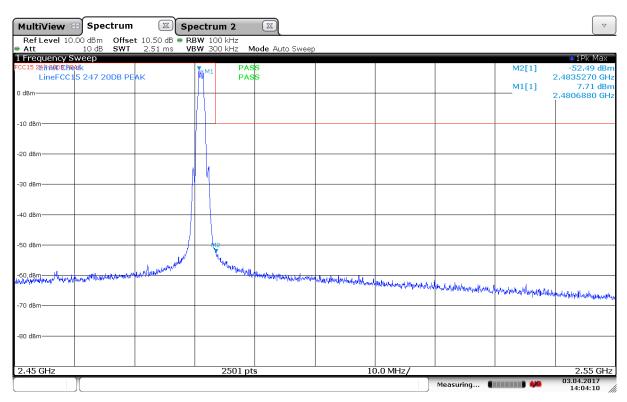


Conducted Emissions, 1 - 2400 MHz, 2441MHz

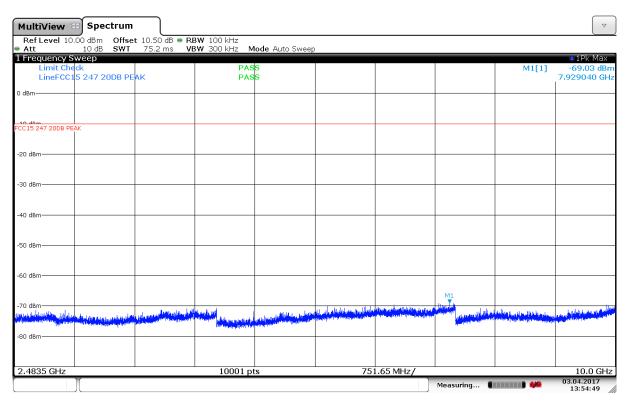


Conducted Emissions, 2350 - 2450 MHz, 2403MHz

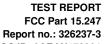




Conducted Emissions, 2450 - 2550 MHz, 2481 MHz

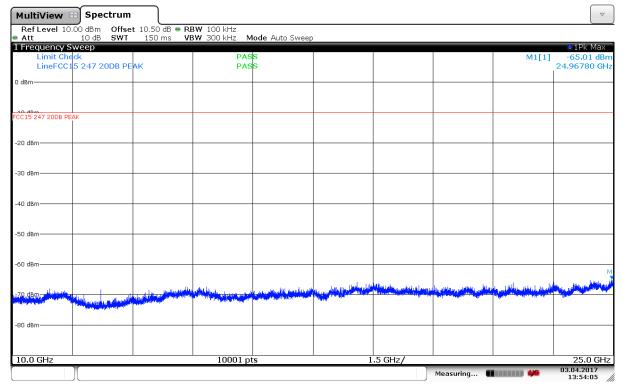


Conducted Emissions, 2483.5 - 10000 MHz, 2441MHz

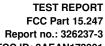


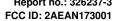
FCC ID: 2AEAN173001





Conducted Emissions, 10000 - 25000 MHz, 2441MHz







3.6 **Restricted Bands of operation**

Restricted Bands of operation for FCC and ISED are defined in FCC Part 15.205 and ISED RSS-GEN, Issue 4 clause 8.10.

Generally, no fundamentals are allowed in the restricted bands and all emissions must comply with the limits in FCC 15.209 or RSS-GEN, Issue 4, clause 8.9.

FCC (MHz)	ISED (MHz)	FCC (GHz)	ISED (GHz)
0.090-0.110		0.96-1.24 1.3-1.427	0.96-1.427
0.495-0.505		1.435-1.6265	
2.1735-2.1905		1.6455-1.6465	
	3.020-3.026	1.660-1.710	
4.125-4.128		1.7188-1.7222	
4.17725-4.17775		2.2-2.3	
4.20725-4.20775		2.31-2.39	
	5.677-5.683	2.4835-2.5	
6.215-6.218		2.69-2.9	2.655-2.9
6.26775-6.26825		3.26-3.267	
6.31175-6.31225		3.332-3.339	
8.291-8.294		3.3458-3.358	
8.362-8.366		3.6-4.4	3.5-4.4
8.37625-8.38675		4.5-5.15	
8.41425-8.41475		5.35-5.46	
12.29-12.293		7.25-7.75	
12.51975-12.52025		8.025-8.5	
12.57675-12.57725		9.0-9.2	
13.36-13.41		9.3-9.5	
16.42-16.423		10.6-12.7	
16.69475-16.69525		13.25-13.4	
16.80425-16.80475		14.47-14.5	
25.5-25.67		15.35-16.2	
37.5-38.25		17.7-21.4	
73-74.6		22.01-23.12	
74.8-75.2		23.6-24.0	
108-121.94 123-138	108-138	31.2-31.8	
149.9-150.05		36.43-36.5	
156.52475-156.52525		Above 38.6	
156.7-156.9			
162.0125-167.17			
167.72-173.2			
240-285			
322-335.4			
399.9-410			
608-614		<u> </u>	

Frequencies in **Bold** text are specific for FCC or ISED, all other frequencies are common.



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3.7 Spurious Emissions (Radiated)

FCC 15.205, 15.209
Test Results: Complies

Measurement Data:

Band-edge conducted power

	Measured field str	Limit	Margin		
	2390 MHz	2483.5 MHz	dBμV/m	d	В
Peak Detector	52.1	46.5*	74	21.9	27.5
Average Detector	45.0	39.4*	54	21.9	14.6

^{*}Measured with Marker Delta Method

Average Detector values are measured with Peak Detector and corrected for Duty Cycle.

Both antennas were tested and the EUT was rotated in 3 planes to find the maximum value. Band Edge values were measured in the maximum position and antenna.

See attached plots.

Marker Delta Method:

Peak level at 2481MHz RBW=1MHz: 106.62 dBμV/m

Marker Delta 100kHz: 60.12 dB

Peak Level at Band Edge: $46.50 \text{ dB}\mu\text{V/m}$ Av Level at Band Edge: $39.40 \text{ dB}\mu\text{V/m}$

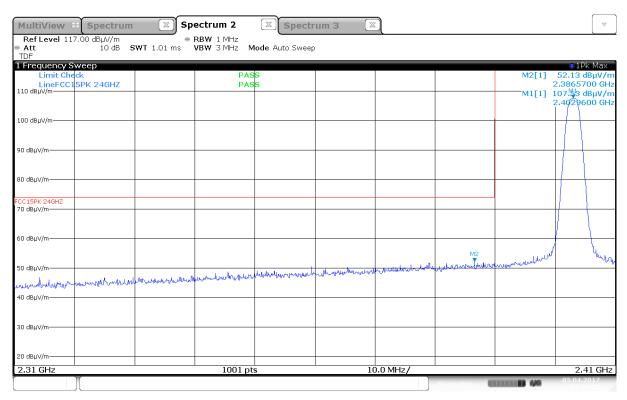
Duty Cycle Correction Factor Calculation:

Duty Cycle = slot length / frame length

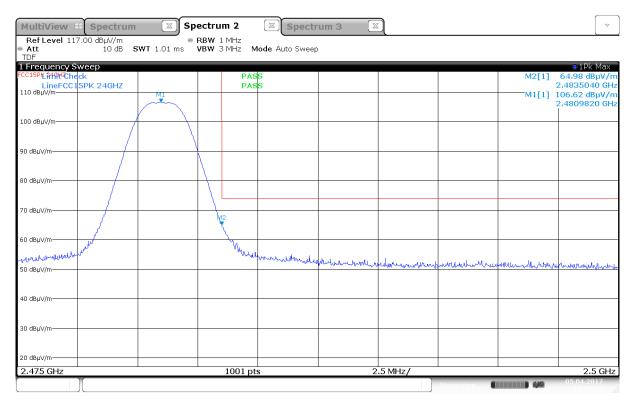
Duty Cycle Correction factor = -20 x log(Duty Cycle) = 7.1 dB

Maximum Duty Cycle Correction Factor per Para 15.35 (b): 7.1 dB





Lower Band Edge, 2403MHz, Peak (Max: EUT H2, Ant 2, VP)

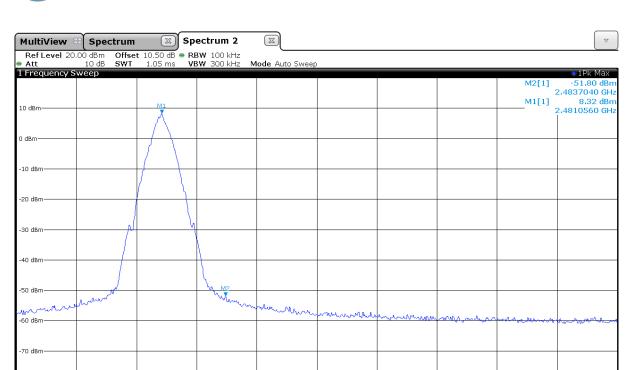


Upper Band Edge, 2481MHz, Peak (Max: EUT H2, Ant 2, VP)

Span 25.0 MHz

Measuring...

21.04.2017 15:25:19



2.5 MHz/

Upper Band Edge, 2481MHz, Marker Delta

1001 pts

CF 2.4875 GHz



3.8 Radiated Emissions, below 1GHz

FCC 15.205, 15.209

ISED RSS-GEN, Issue 4, Clause 8.9

Test Results: Complies

Radiated emission 30 - 1000 MHz.

Detector: Quasi-Peak Measuring distance 3 m

Tested in during normal operation with active connection and with diversity

Measured values:

Frequency	RF channel	Field Strength, QP	Limit	Margin
MHz	L,M,H	dBμV/m @3m	dBμV/m	dB
50.3*	М	28.1	40	11.9
30-88 (other freqs)	М	< 20 (Peak)	40	>20
88-216	М	< 30 (Peak)	43.5	>13.5
216-960	М	< 35 (Peak)	46	>11
960-1000	М	< 25 (Peak)	54	>29

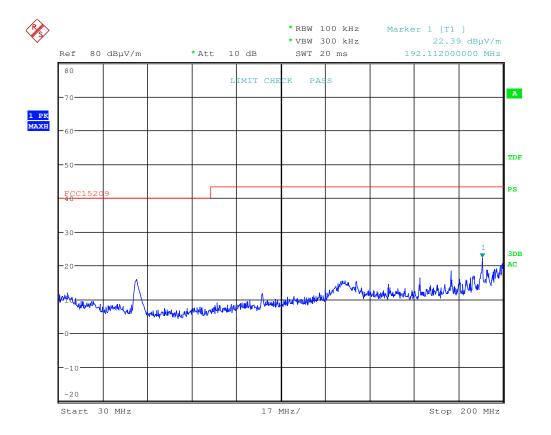
^{*}Not in a restricted band

See attached plots.

Requirements/Limit

FCC	Part 15.209 @ frequencies defined in §1	Part 15.209 @ frequencies defined in §15.205		
ISED	RSS-GEN Issue 4, Clause 8.9 @ frequen	RSS-GEN Issue 4, Clause 8.9 @ frequencies defined in clause 8.10		
	Radiated emissi	Radiated emission limit @3 meters		
Frequency (MHz)	Quasi Peak (μV/m)	Quasi Peak (dBμV/m)		
30 – 88	100	40.0		
88 – 216	150	43.5		
216 – 960	200	46.0		
Above 960	500	54.0		

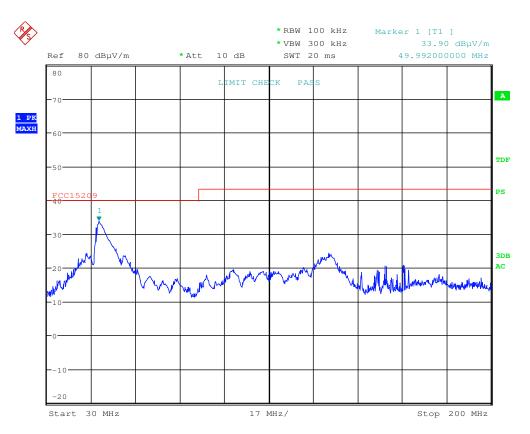




Date: 5.APR.2017 13:09:26

Radiated emissions, 30 -200MHz, HP, Peak

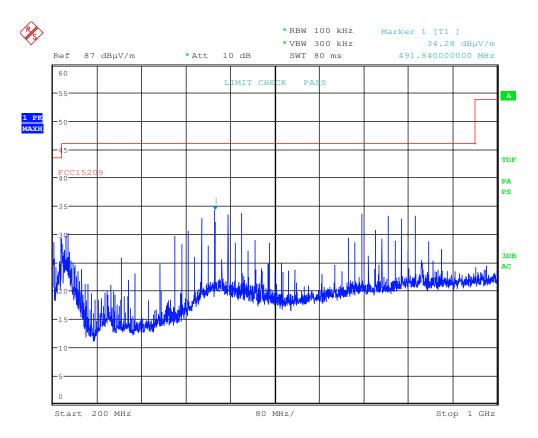




Date: 5.APR.2017 13:07:27

Radiated emissions, 30 -200MHz, VP, Peak

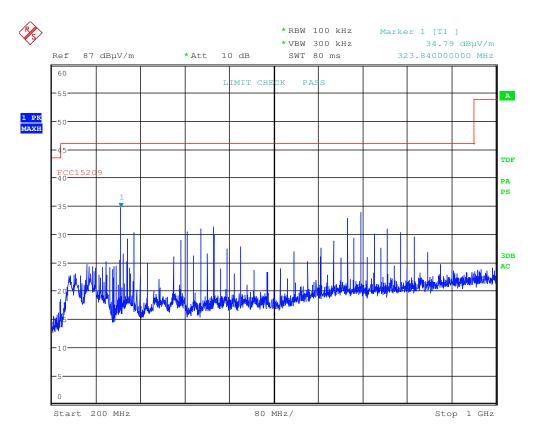




Date: 5.APR.2017 12:57:37

Radiated emissions, 200 -1000MHz, HP, Peak





Date: 5.APR.2017 12:55:29

Radiated emissions, 200 -1000MHz, VP, Peak



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3.9 Radiated Emissions, above 1GHz

FCC 15.205, 15.209

ISED RSS-GEN, Issue 4, Clause 8.9

Test Results: Complies
Measurement Data:

Radiated Emissions, 1-25 GHz

Measuring distance:

3m (1 – 8.5 GHz) 1m (8 – 18 GHz)

A pre-scan was performed above 18 GHz and no spurious emissions were detected.

Measured values:

Frequency	RF channel	Field Strength Peak	Field Strength AV	Limit	Marg	in dB
GHz	L,M,H	dBμV/m @3m	dBμV/m @3m	dBμV/m	Peak	AV
All freqs	М	< 54	< 34	74/54	>20	>20

No spurious emissions were detected.

Average Detector values are calculated from Peak values by Duty Cycle Correction Factor.

Antenna factor, amplifier gain and cable loss are included in spectrum analyzer "Transducer factor".

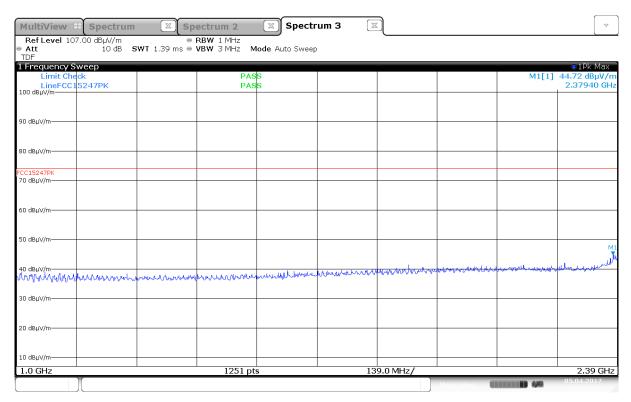
Both antennas were tested and the EUT was rotated in 3 planes.

See plots.

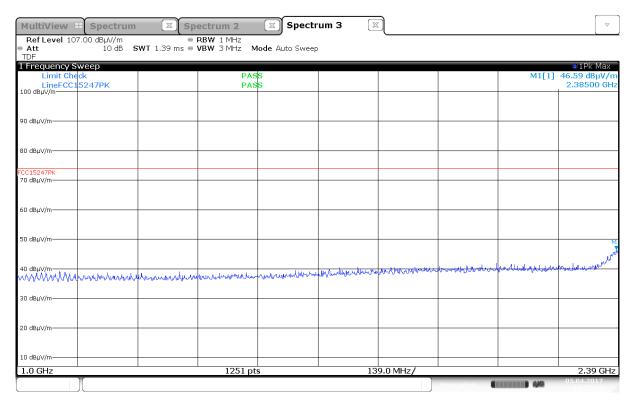
Requirements/Limit

FCC	Part 15.209 @ frequencies defined in §15.205		
ISED	RSS-GEN Issue 4, Clause 8.9 @ frequencies defined in clause 8.10		
	Radiated emission limit @3 meters		
Frequency (MHz)	AV (dBμV/m)	Peak (dBμV/m)	
Above 1 GHz	54.0	74.0	



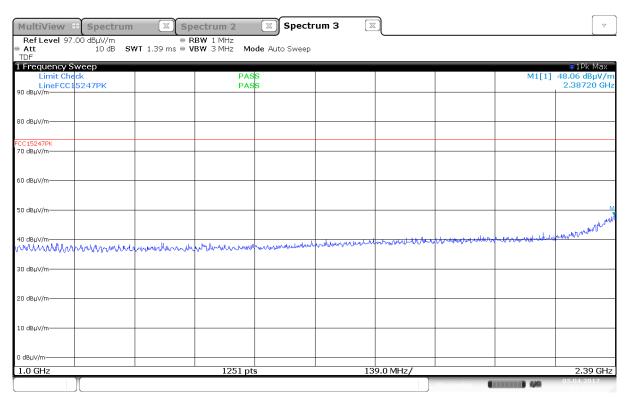


Radiated emissions, 1000 -2390MHz, HP, 2403MHz, EUT H2, Ant 1

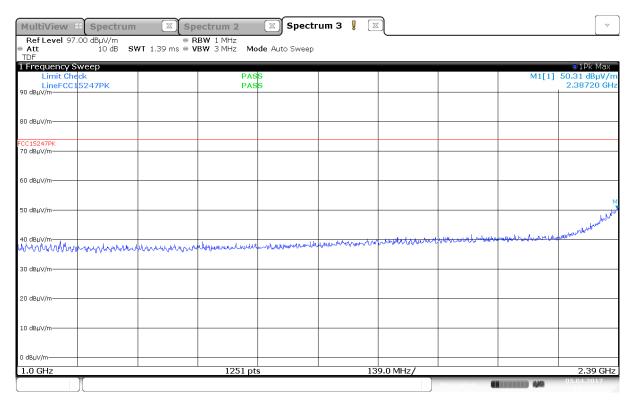


Radiated emissions, 1000 -2390MHz, VP, 2403MHz, EUT H2, Ant 1



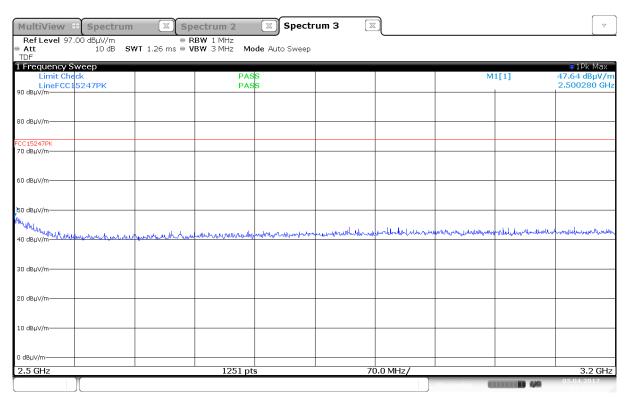


Radiated emissions, 1000 -2390MHz, HP, 2403MHz, EUT H2, Ant 2

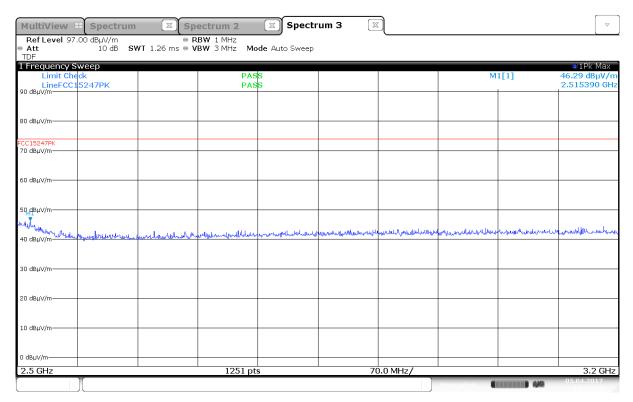


Radiated emissions, 1000 -2390MHz, VP, 2403MHz, EUT H2, Ant 2



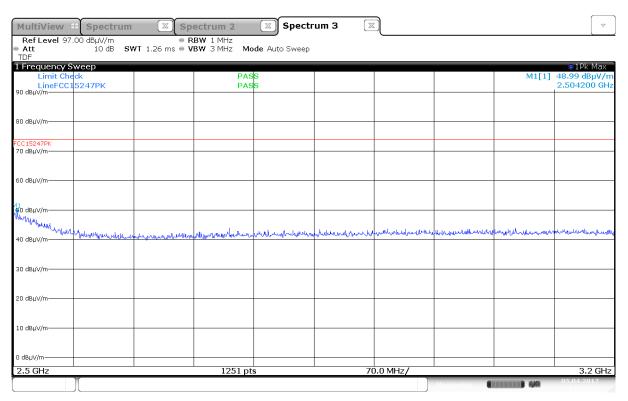


Radiated emissions, 2500 -3200MHz, HP, 2481MHz, EUT H2, Ant 1

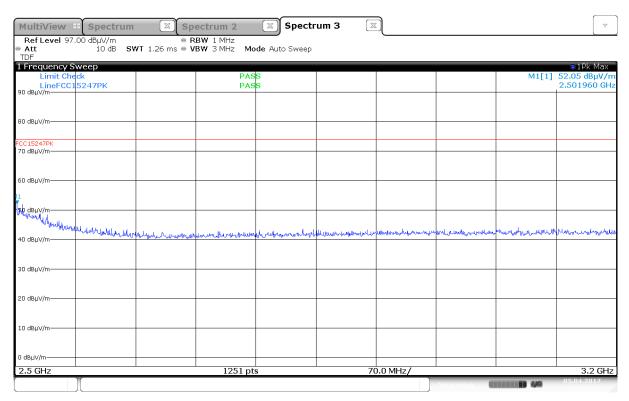


Radiated emissions, 2500 -3200MHz, VP, 2481MHz, EUT H2, Ant 1



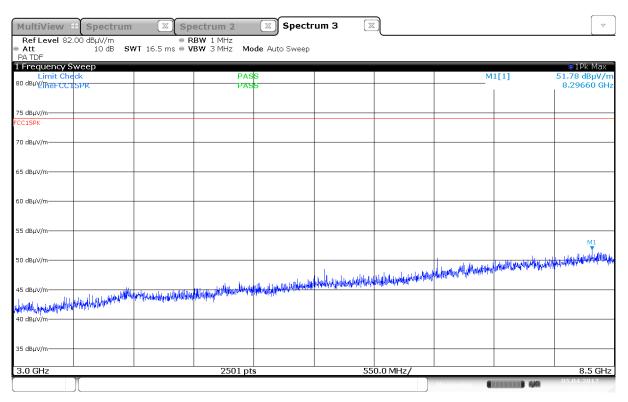


Radiated emissions, 2500 -3200MHz, HP, 2481MHz, EUT H2, Ant 2

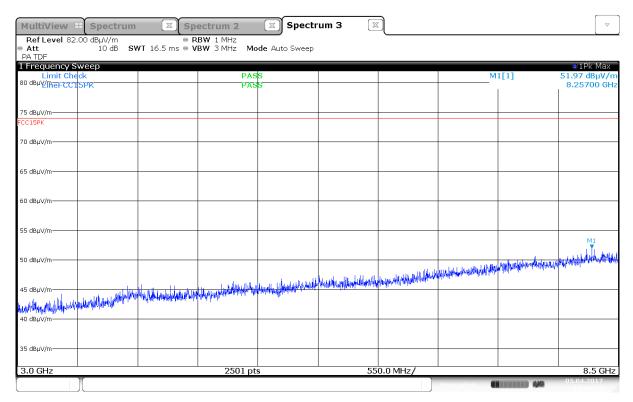


Radiated emissions, 2500 -3200MHz, VP, 2481MHz, EUT H2, Ant 2



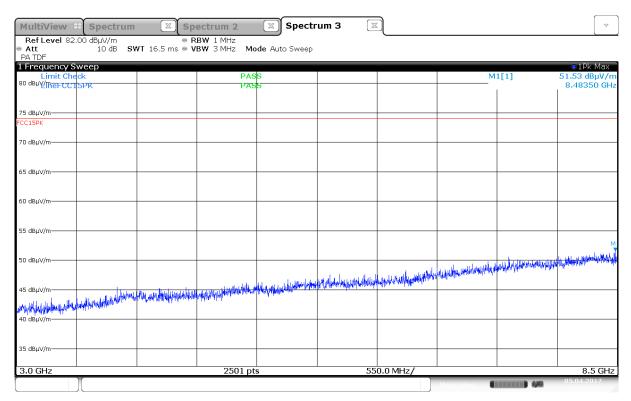


Radiated emissions, 3000 -8500MHz, HP, 2441MHz, EUT H2, Ant 1

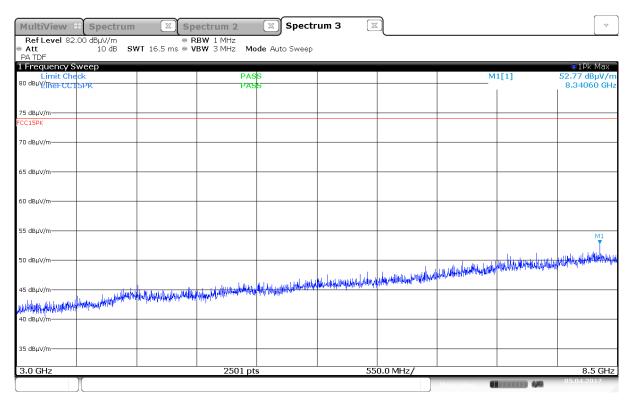


Radiated emissions, 3000 -8500MHz, VP, 2441MHz, EUT H2, Ant 1



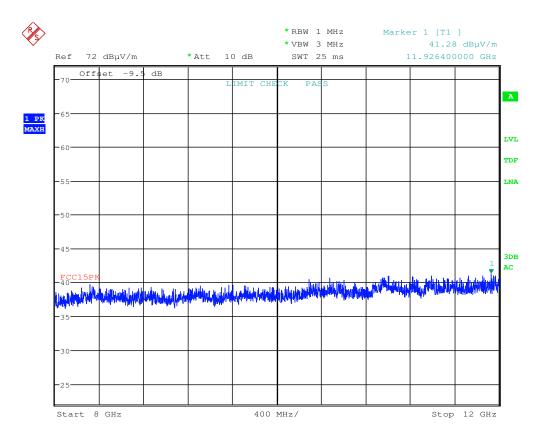


Radiated emissions, 3000 -8500MHz, HP, 2441MHz, EUT H2, Ant 2



Radiated emissions, 3000 -8500MHz, VP, 2441MHz, EUT H2, Ant 2

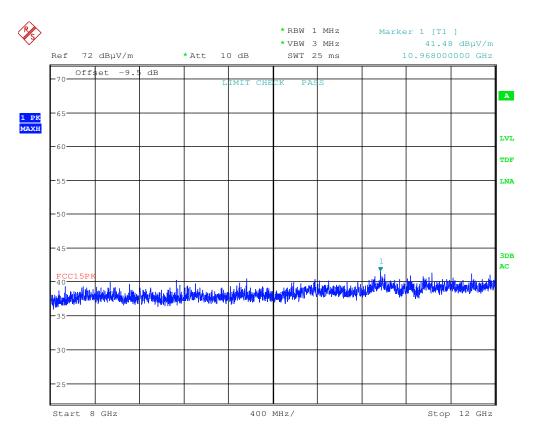




Date: 18.APR.2017 16:20:39

Radiated emissions, 8000 -12000MHz, HP, 2441MHz, EUT H2, Ant 1, @1m

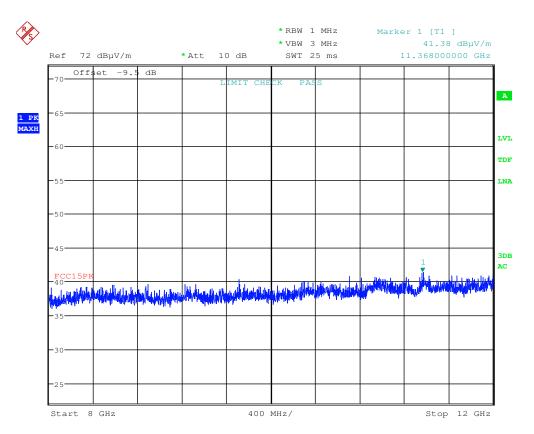




Date: 18.APR.2017 16:18:50

Radiated emissions, 8000 -12000MHz, VP, 2441MHz, EUT H2, Ant 1, @1m

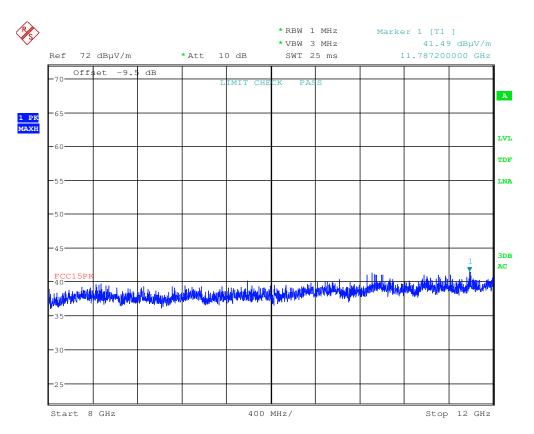




Date: 18.APR.2017 16:26:06

Radiated emissions, 8000 -12000MHz, HP, 2441MHz, EUT H2, Ant 2, @1m

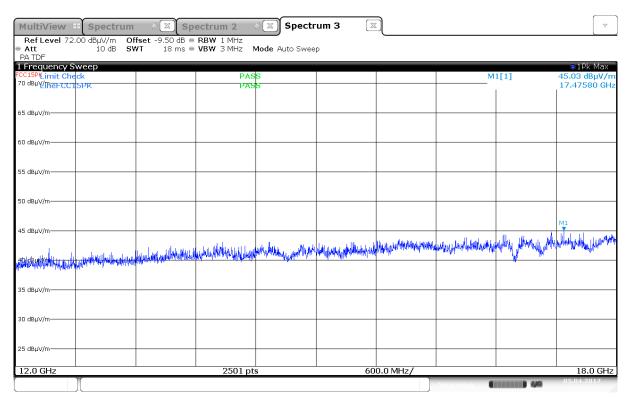




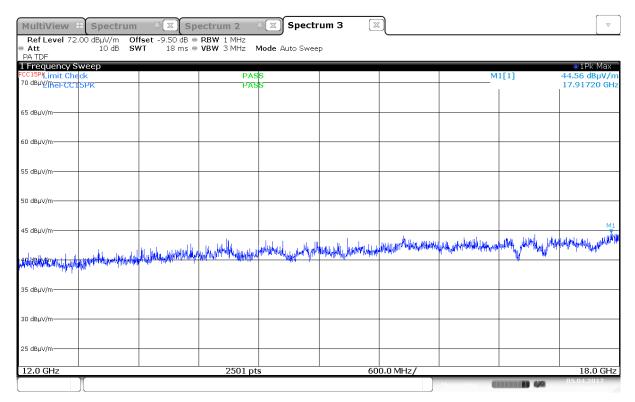
Date: 18.APR.2017 16:24:17

Radiated emissions, 8000 -12000MHz, VP, 2441MHz, EUT H2, Ant 2, @1m



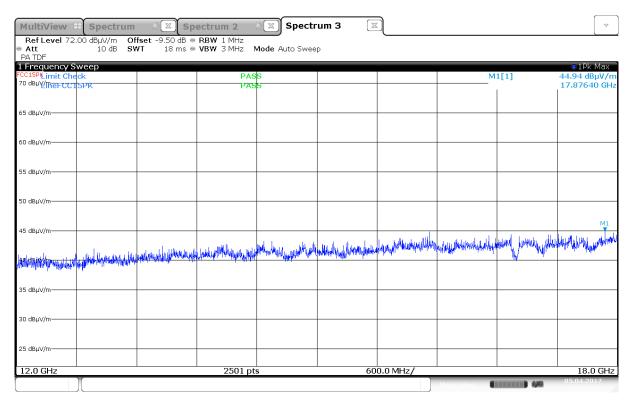


Radiated emissions, 12000 -18000MHz, HP, 2441MHz, EUT H2, Ant 1, @1m

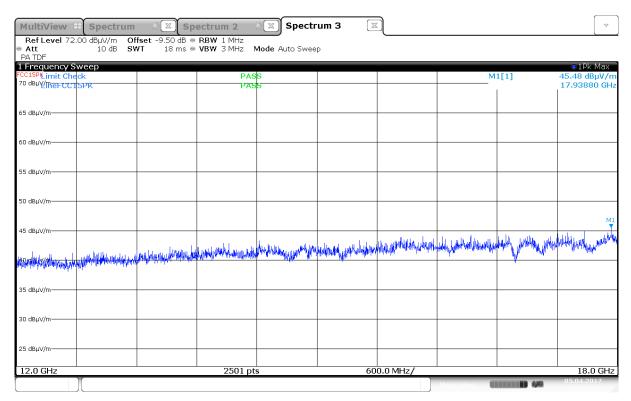


Radiated emissions, 12000 -18000MHz, VP, 2441MHz, EUT H2, Ant 1, @1m



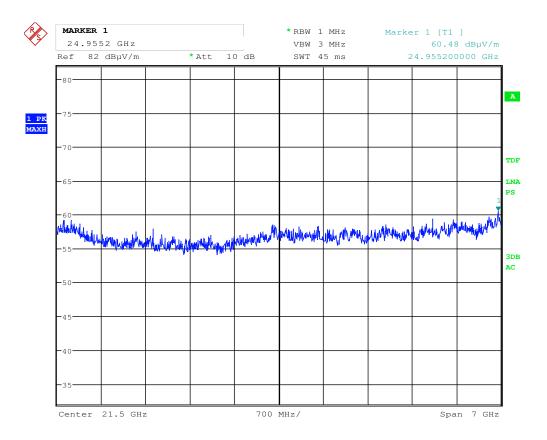


Radiated emissions, 12000 -18000MHz, HP, 2441MHz, EUT H2, Ant 2, @1m



Radiated emissions, 12000 -18000MHz, VP, 2441MHz, EUT H2, Ant 2, @1m

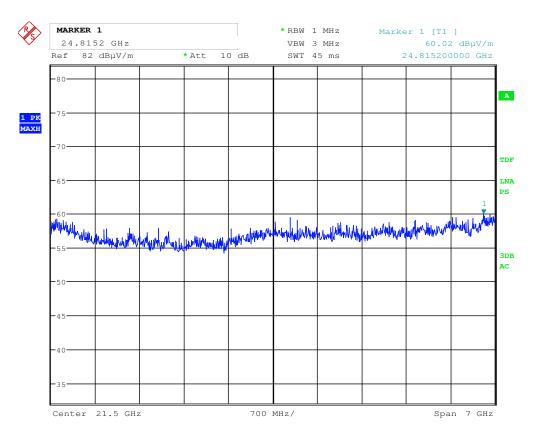




Date: 19.APR.2017 15:19:26

Pre-scan, 18000 -25000 MHz, 2441MHz, Ant 1, @ approx 10cm





Date: 19.APR.2017 15:21:02

Pre-scan, 18000 -25000 MHz, 2441MHz, Ant 2, @ approx 10cm



TEST REPORT FCC Part 15.247 Report no.: 326237-3 FCC ID: 2AEAN173001

3.10 Power Spectral Density (PSD)

FCC part 15.247(e)
Test Results: Passed

Measured and Calculated Data:

The measurement procedures PKPSD described in ANSI C63.10-2013 was used.

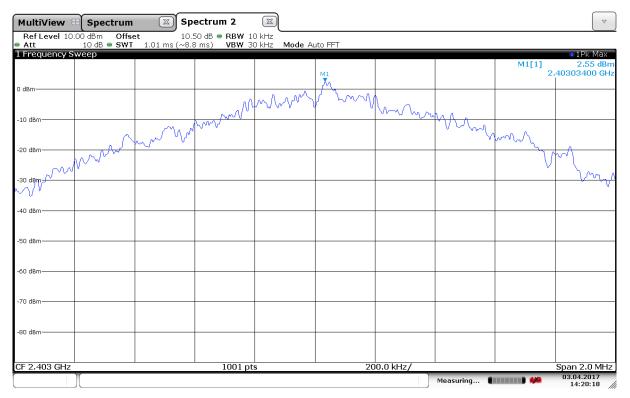
Carrier Frequency	2402 MHz	2440 MHz	2480 MHz
Measured value (dBm)	-2.6	-3.0	-3.0

The measured values with 10kHz RBW are corrected by a Bandwidth Correction Factor of -5.2 dB.

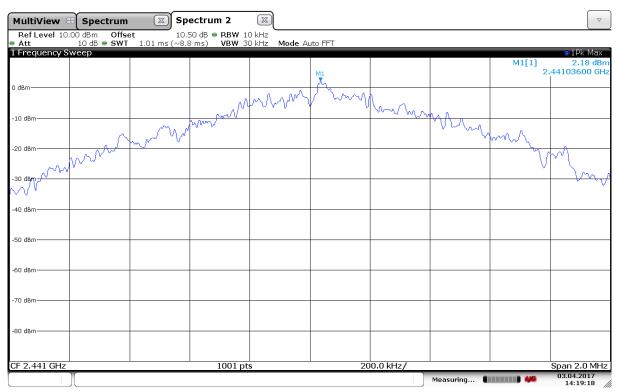
Requirements:

The Power Spectral Density of a Digital Transmission System shall be no greater than +8 dBm in any 3kHz band



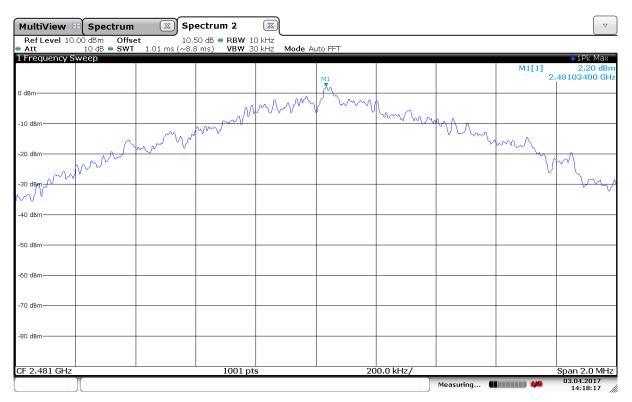


PSD, 2403MHz

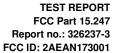


PSD, 2441MHz





PSD, 2481MHz





4 Measurement Uncertainty

Measurement Uncertainty Values		
Test Item		Uncertainty
Output Power		±0.5 dB
Power Spectral Density	±0.5 dB	
Out of Band Emissions, Conducted	< 3.6 GHz	±0.6 dB
	> 3.6 GHz	±0.9 dB
Spurious Emissions, Radiated	< 1 GHz	±2.5 dB
	> 1 GHz	±2.2 dB
Emission Bandwidth		±4 %
Power Line Conducted Emissions		+2.9 / -4.1 dB
Spectrum Mask Measurements	Frequency	±5 %
	Amplitude	±1.0 dB
Frequency Error		±0.6 ppm
Temperature Uncertainty		±1 °C

All uncertainty values are expanded standard uncertainty to give a confidence level of 95%, based on coverage factor k=2



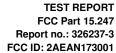
TEST REPORT FCC Part 15.247 Report no.: 326237-3 FCC ID: 2AEAN173001

5 LIST OF TEST EQUIPMENT

To facilitate inclusion on each page of the test equipment used for related tests, each item of test equipment and ancillaries are identified (numbered) by the Test Laboratory.

No.	Model number	Description	Manufacturer	Ref. no.	Cal. date	Cal. Due
1	FSW26	Spectrum Analyzer	Rohde & Schwarz	LR 1640	2017.01	2018.01
2	ESU40	Measuring Receiver	Rohde & Schwarz	LR 1639	2016.12	2017.12
3	6810.17B	Attenuator	Suhner	LR 1669	Cal b4 use	
4	6HC3000/18000	Highpass Filter	Trilithic	LR 1614	Cal b4 use	
5	317	Pre-amplifier	Sonoma Instrument	LR 1687	2016.05	2017.05
6	8449A	Pre-amplifier	Hewlett Packard	LR 1322	2016.10	2017.10
7	6812B	AC Power Source	Agilent	LR1515	Cal b4 use	
8	3115	Horn Antenna	EMCO	LR 1330	2016.10	2021.10
9	PM7320X	Antenna Horn	Sivers Lab	LR 102	2009.01	2019.01
10	DBF-520-20	Antenna Horn	Systron Donner	LR 100	2009.01	2019.01
11	638	Antenna Horn	Narda	LR 098	2010.06	2020.06
12	HK116	Biconical Antenna	Rohde & Schwarz	LR 1260	2013.12	2018.12
13	HL223	LogPeriod Antenna	Rohde & Schwarz	LR 1261	2013.12	2018.12
14	Model 87V	Multimeter	Fluke	LR 1597	2016.10	2017.10
15	ESCI3	Measuring receiver	Rohde & Schwarz	N-4259	2015.08	2017.08
16	ESH3-Z2	Pulse Limiter	Rohde & Schwarz	LR 1074	2016.05	2017.05
17	ESH3-Z5	Two-Line V-Network	Rohde & Schwarz	N-3403	2015.07	2017.07

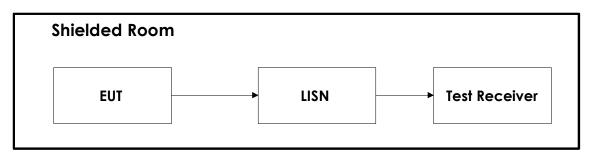
Test Software List			
Description	Manufacturer	Model	Version
EMC Software for Conducted tests	Rohde & Schwarz	EMC32	9.26.00



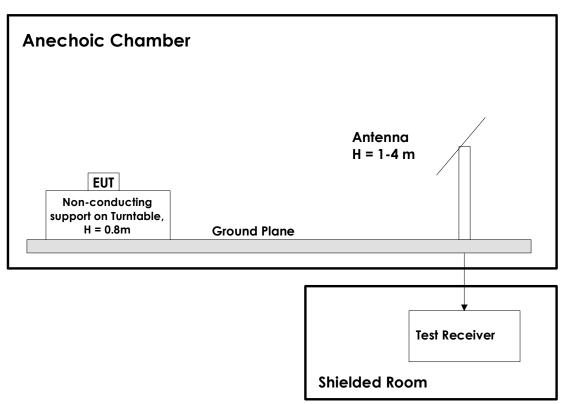


6 BLOCK DIAGRAM

6.1 Power Line Conducted Emission



6.2 Test Site Radiated Emission



Measurements at 1GHz and above were performed with turntable height 1.5m and with the ground plane covered by absorbers.



TEST REPORT FCC Part 15.247 Report no.: 326237-3 FCC ID: 2AEAN173001

Revision history

Version	Date	Comment	Sign
1.0	2017.04.21	First edition	FS
1.1	2017.06.28	Added comments	FS