



FCC LISTED, REGISTRATION NUMBER: 720267

ISED LISTED REGISTRATION NUMBER 4621A-2

Informe de ensayo nº: Test report No:

NIE: 52641RRF.004

Test reportUSA FCC Part 15.247, 15.209CANADA RSS-247, RSS-GenRadio Frequency Devices. Operation within the bands 902 - 928 MHz, 2400 -2483.5 MHz, and 5725 - 5850 MHz.Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices.General Requirements and Information for the Certification of Radio Apparatus.			
Identificación del objeto ensayado: Identification of item tested	Analogic Wireless Datalogger		
Marca: Trademark	Loadsensing G6		
Modelo y/o referencia tipo: Model and /or type reference	LS-G6-VW-1P		
<b>Otra identificación del producto:</b> Other identification of the product	FCC ID: 2AHN4-LS-G6-VW-1P IC: 21260-LSG6VW1P		
Final HW version:	1P		
Final SW version:	2.23		
Características: Features	Model with radio		
Fabricante: Manufacturer	WORLDSENSING SL c/Viriat, 47, Edificio Numancia 1, 7th floor, 08014 Barcelona, SPAIN		
Método de ensayo solicitado, norma: Test method requested, standard	<ul> <li>USA FCC Part 15.247 10-1-17 Edition: Operation within the bands 902 - 928 MHz, 2400 -2483.5 MHz, and 5725 - 5850 MHz.</li> <li>USA FCC Part 15.209 10-1-17 Edition: Radiated emission limits; general requirements.</li> <li>CANADA RSS-247 Issue 2 (February 2017).</li> <li>CANADA RSS-Gen Issue 4 (November 2014).</li> <li>Guidance for Performing Compliance Measurements on Digital Transmission Systems (DTS) Operating Under §15.247 558074 D01 DTS Meas Guidance v04 dated 05/04/2017.</li> <li>ANSI C63.10-2013: American National Standard for Testing Unlicensed Wireless Devices.</li> </ul>		
Resultado: Summary	IN COMPLIANCE		



<b>Aprobado por (nombre / cargo y firma):</b> Approved by (name / position & signature)	A. Llamas RF Lab. Manager
Fecha de realización: Date of issue	2018-03-12
Formato de informe No: Report template No	FDT08_20



## Index

Competences and guarantees	4
General conditions	4
Uncertainty	4
Usage of samples	
Test sample description	5
Identification of the client	
Testing period	5
Environmental conditions	5
Remarks and comments	6
Testing verdicts	7
Appendix A – Test result	8



### **Competences and guarantees**

DEKRA Testing and Certification is a testing laboratory accredited by the National Accreditation Body (ENAC - Entidad Nacional de Acreditación), to perform the tests indicated in the Certificate No. 51/LE 147.

DEKRA Testing and Certification is a laboratory with a measurement facility in compliance with the requirements of Section 2.948 of the FCC rules and has been added to the list of facilities whose measurements data will be accepted in conjuction with applications for Certification under Parts 15 or 18 of the Commission's Rules. Registration Number: 720267.

DEKRA Testing and Certification is a laboratory with a measurement site in compliance with the requirements of RSS 212, Issue 1 (Provisional) and has been added to the list of filed sites of the Canadian Certification and Engineering Bureau. Reference File Number: ISED 4621A-2.

In order to assure the traceability to other national and international laboratories, DEKRA Testing and Certification has a calibration and maintenance program for its measurement equipment.

DEKRA Testing and Certification guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated on the report and, it is based on the knowledge and technical facilities available at DEKRA Testing and Certification at the time of performance of the test.

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The results presented in this Test Report apply only to the particular item under test established in this document.

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### **General conditions**

- 1. This report is only referred to the item that has undergone the test.
- 2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or competent Authorities.
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- 4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of DEKRA Testing and Certification and the Accreditation Bodies.

## Uncertainty

Uncertainty (factor k=2) was calculated according to the DEKRA Testing and Certification.internal document PODT000.

## Usage of samples

Samples undergoing test have been selected by: the client



Sample S/01 is composed of the following elements:

Control Nº	Description	Model	Serial N°	Date of reception
52641/047	Analogic Wireless Datalogger	LS-G6-VW-1P	8	2017-09-21

1. Sample S/01 has undergone following test(s).

All radiated tests indicated in appendix A.

Sample S/02 is	composed	of the follo	owing	elements.
Sumple 5/02 15	composed	or the rone	5 m m 6	ciemento.

Control Nº	Description	Model	Serial N°	Date of reception
52641/042	Analogic Wireless Datalogger	LS-G6-VW-1M(*)	5	2017-09-21

(\*) Testing has been carried out on model LS-G6-VW-1M which, according to manufacturer's, presents no RF functional differences with respect to models LS-G6-VW-1P.

1. Sample S/02 has undergone following test(s).

All conducted tests indicated in appendix A.

### Test sample description

The test sample consists of a sensor which is capable of measuring changes in pressure by using a vibrating wire.

## **Identification of the client**

WORLDSENSING SL c/Viriat, 47, Edificio Numancia 1, 7th floor, 08014 Barcelona, SPAIN

## **Testing period**

The performed test started on 2017-09-22 and finished on 2017-09-29. The tests have been performed at DEKRA Testing and Certification.

### **Environmental conditions**

In the control chamber, the following limits were not exceeded during the test:

Temperature	Min. = 15 °C Max. = 35 °C
Relative humidity	Min. = 20 % Max. = 75 %
Shielding effectiveness	> 100 dB
Electric insulation	$> 10 \text{ k}\Omega$
Reference resistance to earth	< 1 Ω



In the semianechoic chamber, the following limits were not exceeded during the test.

Temperature	Min. = 15 °C Max. = 35 °C
Relative humidity	Min. = 20 % Max. = 75 %
Air pressure	Min. = 860 mbar Max. = 1060 mbar
Shielding effectiveness	> 100 dB
Electric insulation	$> 10 \text{ k}\Omega$
Reference resistance to earth	<10
Normal site attenuation (NSA)	< ±4 dB at 10 m distance between item under test and receiver antenna, (30 MHz to 1000 MHz)
Field homogeneity	More than 75% of illuminated surface is between 0 and 6 dB (26 MHz to 1000 MHz).

In the chamber for conducted measurements, the following limits were not exceeded during the test:

Temperature	Min. = 15 °C Max. = 35 °C	
Relative humidity	Min. = 20 % Max. = 75 %	
Air pressure	Min. = 860 mbar Max. = 1060 mbar	
Shielding effectiveness	> 100 dB	
Electric insulation	$> 10 \text{ k}\Omega$	
Reference resistance to earth	< 1 Ω	

### **Remarks and comments**

1: The tests have been performed by the technical personnel: Carolina Postigo, Pedro Parada and Carlos Alberto Contreras.

2: Used instrumentation:

Conducted Measurements

1. 2. 3.	Spectruml analyzer Agilent E4440A Spectrum analyser Rohde & Schwarz FSV40 DC power supply R&S NGPE 40/40	Last Cal. date 2017/10 2017/07 2014/11	Cal. due date 2019/10 2019/07 2017/11
Raula	ted Measurements		
1.	Semianechoic Absorber Lined Chamber ETS FACT3	Last Cal. date N.A.	Cal. due date N.A.
2.	200STP BiconicalLog antenna ETS LINDGREN 3142E	2015/06	2018/06
2. 3.	Multi Device Controller EMCO 2090	N.A.	N.A.
4.	Double-ridge Guide Horn antenna 1-18 GHz SCHWARZBECK BBHA 9120 D	2016/11	2019/11
5.	EMI Test Receiver R&S ESU 40	2016/03	2018/03
6.	Spectrum analyser Rohde & Schwarz FSW50	2015/12	2017/12
7.	RF pre-amplifier 20 MHz-7 GHz PAM-0207	2016/09	2017/09
8.	RF pre-amplifier 1-18 GHz Bonn Elektronik BLMA 0118-1M	2016/02	2018/02



## **Testing verdicts**

Not applicable:	N/A
Pass:	Р
Fail:	F
Not measured:	N/M

FCC PART 15 PARAGRAPH / RSS-247			VERDICT		
		NA	Р	F	NM
FCC 15.247 Subclause (a) (1) / RSS-247 Clause 5.1 (b)	20 dB Bandwidth and Carrier frequency separation		Р		
FCC 15.247 Subclause (a)(1)(iii) / RSS-247 Clause 5.1 (c)	Number of hopping channels	NA			
FCC 15.247 Subclause (f) / RSS-247 Clause 5.3 (a)	Time of occupancy (Dwell Time)		Р		
FCC 15.247 Subclause (b) / RSS-247 Clause 5.4 (a)	Maximum peak output power and antenna gain		Р		
FCC 15.247 Subclause (d) / RSS-247 Clause 5.5	Emission limitations conducted (Transmitter)		Р		
FCC 15.247 Subclause (d) / RSS-247 Clause 5.5.	Band-edge emissions compliance (Transmitter)		Р		
FCC 15.247 Subclause (f) / RSS-247 5.3. (b)	Power spectral density		Р		
FCC 15.247 Subclause (d) / RSS-247 Clause 5.5	Emission limitations radiated (Transmitter)		Р		



# Appendix A – Test result



#### INDEX

TEST CONDITIONS
Occupied Bandwidth
FCC Section 15.247 Subclause (a) (1) (i)/ RSS-247 Clause 5.1 (b). 20 dB Bandwidth and Carrier frequency separation 14
FCC Section 15.247 Subclause (f)/ RSS-247 Clause 5.3 (a). Time of occupancy (Dwell Time)17
FCC Section 15.247 Subclause (b) / RSS-247 Clause 5.4 (a). Maximum peak output power and antenna gain
FCC Section 15.247 Subclause (d) / RSS-247 Clause 5.5. Band-edge compliance of conducted emissions (Transmitter)23
FCC Section 15.247 Subclause (d) / RSS-247 Clause 5.5. Emission limitations conducted (Transmitter)26
FCC Section 15.247 Subclause (f) / RSS-247 Clause 5.3. (b) Power spectral density for hybrid systems
FCC Section 15.247 Subclause (d) / RSS-247 Clause 5.5 Emission limitations radiated (Transmitter)



#### **TEST CONDITIONS**

Power supply (V):

 $V_{nominal} = 3.7 Vdc$ 

Type of power supply = DC voltage from internal battery.

Type of antenna = Integral antenna

Declared Gain for antenna (maximum) = +1.6 dBi

#### TEST FREQUENCIES:

Lowest channel: 902.3 MHz

Middle channel: 908.7 MHz

Highest channel: 914.9 MHz

The equipment can operate as a hybrid system using 8 hopping channels.

The sample was used to configure the EUT to transmit at a specified output power in all channels (Power Setting in DUT = 14 and shielded model).

#### CONDUCTED MEASUREMENTS

The equipment under test was set up in a shielded room and it is directly connected to the spectrum analyzer.



The DC supply voltage is applied using an external calibrated power supply.

#### RADIATED MEASUREMENTS

All radiated tests were performed in a semi-anechoic chamber. The measurement antenna is situated at a distance of 3 m for the frequency range 30 MHz-1000 MHz (30 MHz-1000 MHz Bilog antenna) and at a distance of 1m for the frequency range 1 GHz-10 GHz (1 GHz-18 GHz Double ridge horn antenna).

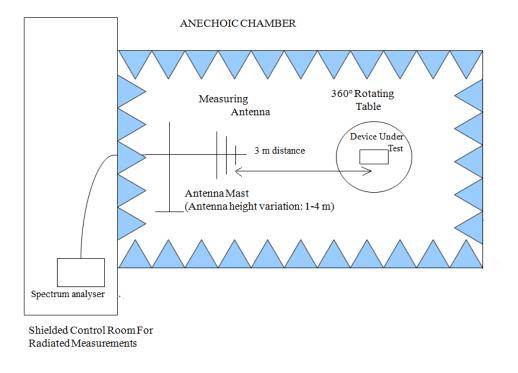
For radiated emissions in the range 1 GHz-10 GHz that is performed at a distance closer than the specified distance, an inverse proportionality factor of 20 dB per decade is used to normalize the measured data for determining compliance.

The equipment under test was set up on a non-conductive platform above the ground plane and the situation and orientation was varied to find the maximum radiated emission. It was also rotated 360° and the antenna height was varied from 1 to 4 meters to find the maximum radiated emission.

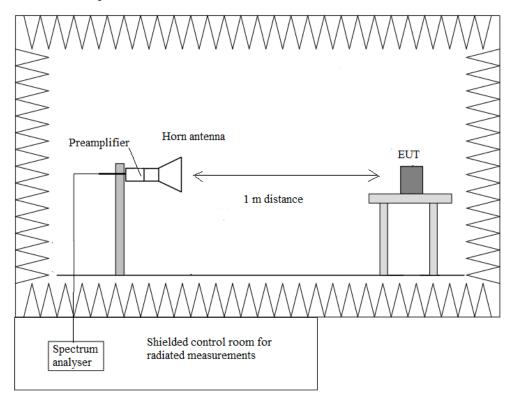
Measurements were made in both horizontal and vertical planes of polarization.



#### Radiated measurements setup f < 1 GHz



Radiated measurements setup f > 1 GHz





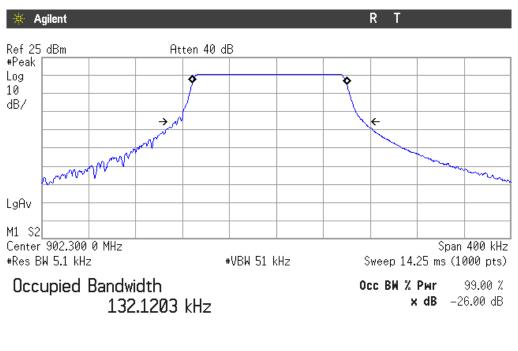
#### **Occupied Bandwidth**

#### **RESULTS**

(see next plots).

	Lowest frequency	Middle frequency	Highest frequency
	902.3 MHz	908.7 MHz	914.9 MHz
99% bandwidth (kHz)	132.120	130.925	130.681
-26 dBc bandwidth (kHz)	161.623	160.330	153.634
Measurement uncertainty (kHz)		<± 0.67	

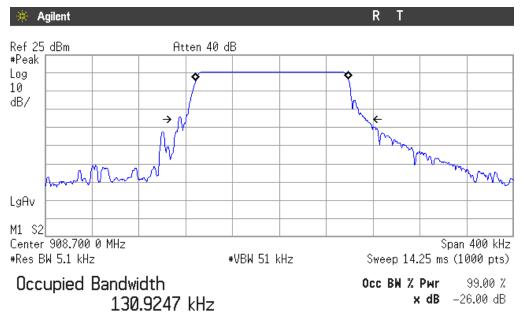
#### Lowest Channel



Transmit Freq Error	-5.947 kHz
x dB Bandwidth	161.623 kHz

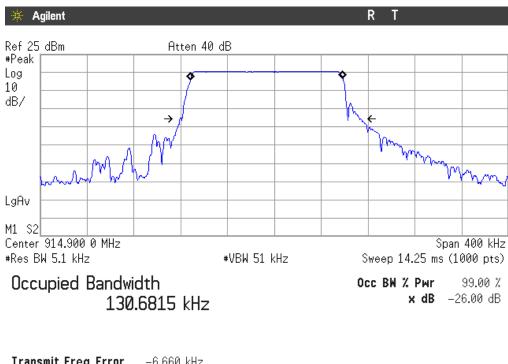


#### Middle Channel



Transmit Freq Error	–6.297 kHz
x dB Bandwidth	160.333 kHz

#### Highest channel



Iransmit Freq Error	— ხ.ხხს KHZ
x dB Bandwidth	153.634 kHz



## FCC Section 15.247 Subclause (a) (1) (i)/ RSS-247 Clause 5.1 (b). 20 dB Bandwidth and Carrier frequency separation

#### **SPECIFICATION**

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater.

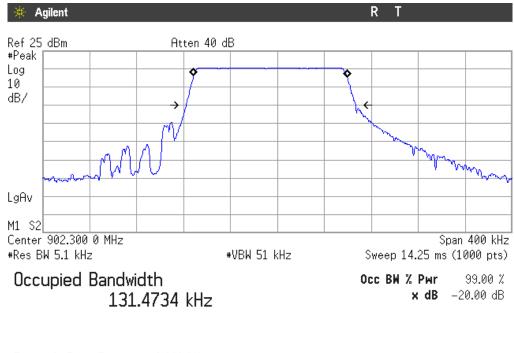
#### **RESULTS**

(See next plots)

	Lowest frequency	Middle frequency	Highest frequency
	902.3 MHz	908.7 MHz	914.9 MHz
20 dB Spectrum bandwidth (kHz)	145.015	145.584	146.327
Measurement uncertainty (kHz)	<± 0.67		

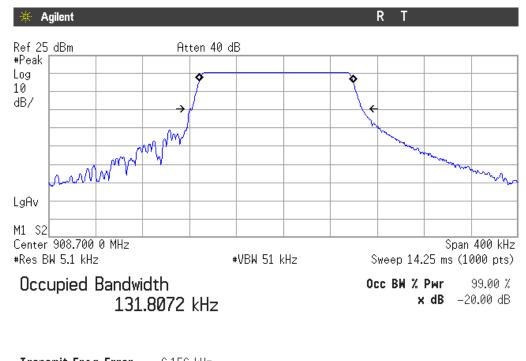


Lowest Channel: 902.3 MHz.



Transmit Freq Error	-6.009 kHz
x dB Bandwidth	145.015 kHz

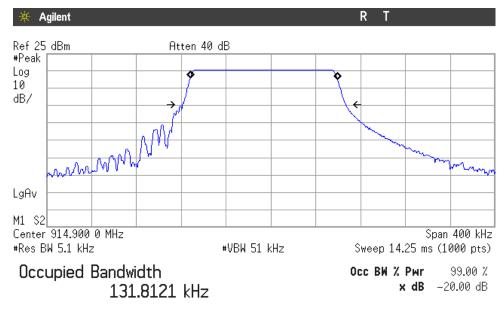
#### Middle Channel: 908.7 MHz.



Transmit Freq Error	–6.156 kHz
x dB Bandwidth	145.584 kHz

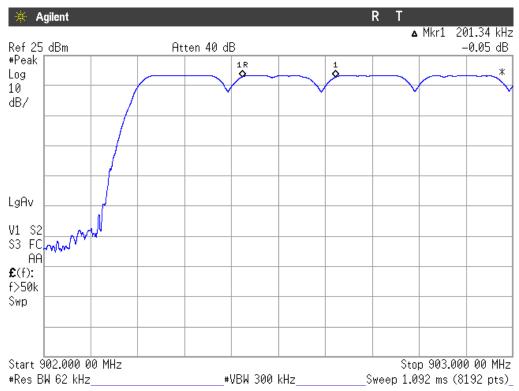


#### Highest Channel: 914.9 MHz.



Transmit Freq Error	–6.358 kHz
x dB Bandwidth	146.327 kHz

#### **Carrier frequency separation**



The hopping channel carrier frequencies are separated by a minimum of the 20 dB bandwidth of the hopping channel.



#### FCC Section 15.247 Subclause (f)/ RSS-247 Clause 5.3 (a). Time of occupancy (Dwell Time)

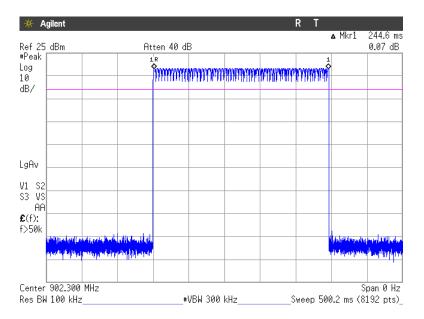
#### **SPECIFICATION**

For the purposes of this section, hybrid systems are those that employ a combination of both frequency hopping and digital modulation techniques. The frequency hopping operation of the hybrid system, with the direct sequence or digital modulation operation turned-off, shall have an average time of occupancy on any frequency not to exceed 0.4 seconds within a time period in seconds equal to the number of hopping frequencies employed multiplied by 0.4 (0.4 x 8 = 3.2 seconds).

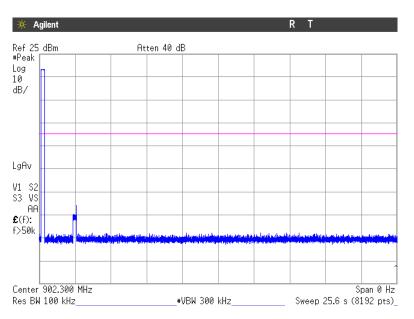
#### **RESULTS**

## 1. TIME OF OCCUPANCY (DWELL TIME) FOR OPERATION AS FREQUENCY HOPPING SYSTEM USING 8 HOPPING CHANNELS.

- Tx- time per hop = 244.6 ms (see next plot).
- Number of hops over a period of 3.2 seconds = 1 (see next plot).







Averaging time of occupancy = 244.6 ms x 1 hop = 244.6 ms per 3.2 seconds.

Measurement uncertainty (%)	<±0.01
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#### FCC Section 15.247 Subclause (b) / RSS-247 Clause 5.4 (a). Maximum peak output power and antenna gain

#### **SPECIFICATION**

For frequency hopping systems operating in the 902-928 MHz band: 1 watt for systems employing at least 50 hopping channels; and, 0.25 watts for systems employing less than 50 hopping channels, but at least 25 hopping channels.

Hybrid systems shall comply with the 1 W limit.

Additionally for RSS-247:

For FHSs operating in the band 902-928 MHz, the e.i.r.p. shall not exceed 4 W if the hopset uses 50 or more hopping channels; the e.i.r.p. shall not exceed 1 W if the hopset uses less than 50 hopping channels.

#### **RESULTS**

The maximum conducted (average) output power was measured using the method AVGSA-2 (trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction) according to point 9.2.2.4. of Guidance for Performing Compliance Measurements on Digital Transmission Systems (DTS) Operating Under §15.247 558074 D01 DTS Meas Guidance v04 dated 05/04/2017.

MAXIMUM OUTPUT POWER. See next plots.

The EIRP power (dBm) is calculated by adding the declared maximum antenna gain to the measured conducted power.

Maximum declared antenna gain: +1.6 dBi.

Measured Duty cycle: x = 0.892. Correction =  $10*\log(1/x) = 0.50$  dB.

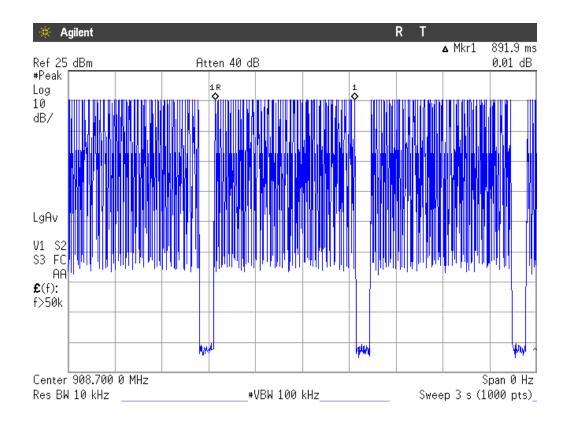
	Lowest frequency	Middle frequency	Highest frequency
	902.3 MHz	908.7 MHz	914.9 MHz
Maximum Average conducted power (dBm)	12.48	12.10	11.97
Maximum Average corrected power (dBm)	12.98	12.60	12.47
Maximum Average EIRP power (dBm)	14.58	14.20	14.07
Measurement uncertainty (dB)	<± 0.66		

The maximum directional gain of the antenna is less than 6 dBi and therefore the maximum output power is not required to be reduced from the stated values.

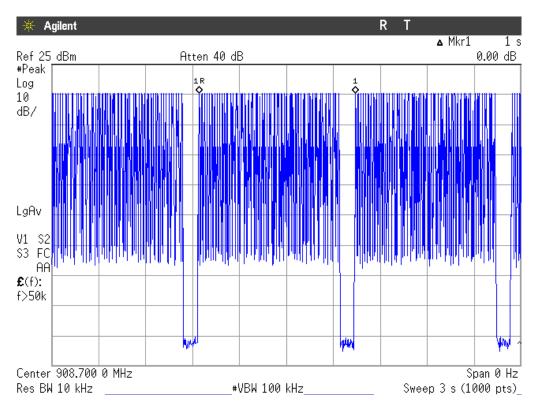


#### DUTY CYCLE

T ON

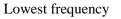


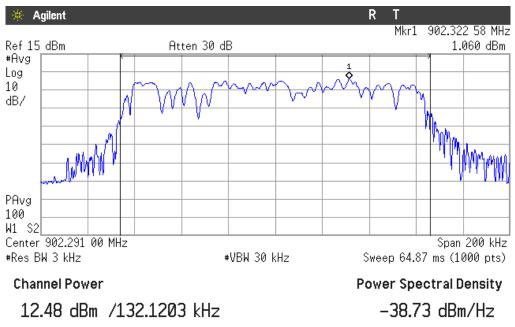
#### T ON+OFF



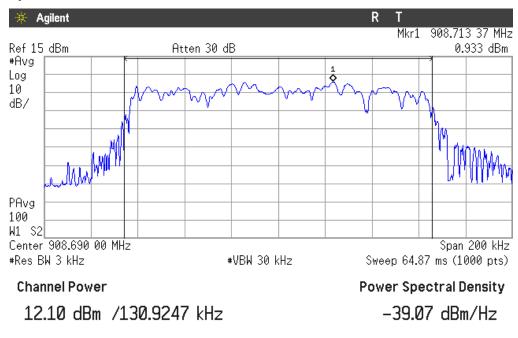


#### CONDUCTED AVERAGE POWER.



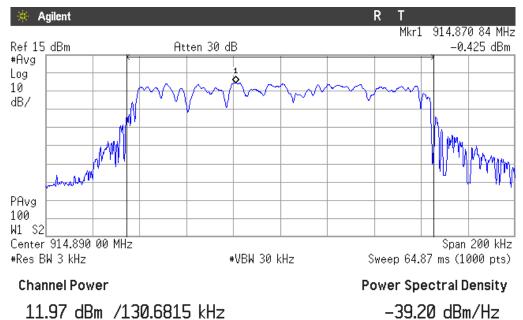


#### Middle frequency





#### Highest frequency





## FCC Section 15.247 Subclause (d) / RSS-247 Clause 5.5. Band-edge compliance of conducted emissions (Transmitter)

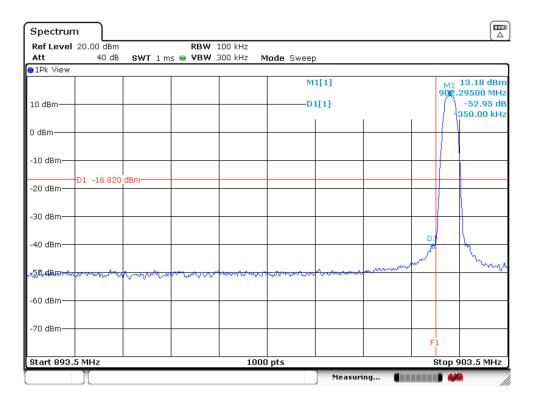
#### **SPECIFICATION**

In any 100 kHz bandwidths outside the frequency band in which the intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

#### **RESULTS**:

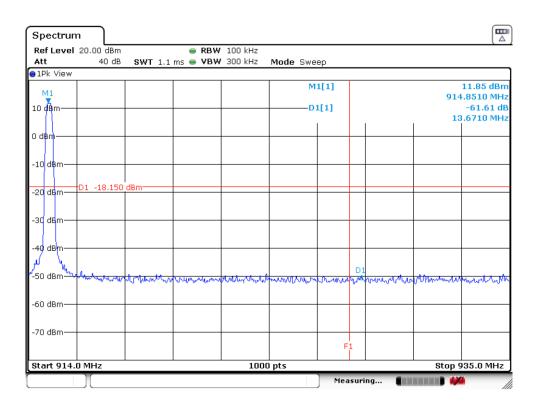
The attenuation of highest emissions at the band-edge is more than 30 dB respect to the highest level of the desired power.

1. LOW FREQUENCY SECTION (HOPPING OFF). See next plot.





#### 2. HIGH FREQUENCY SECTION (HOPPING OFF). See next plot.



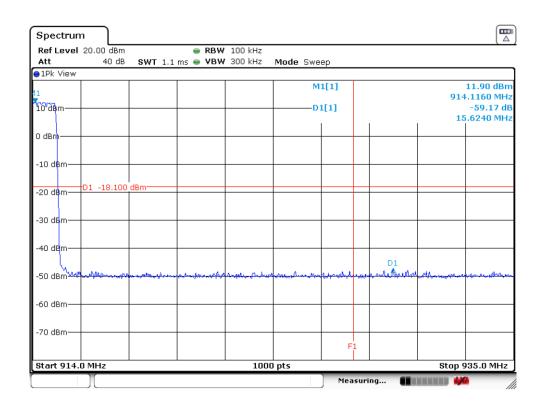
#### Verdict: PASS

#### 3. LOW FREQUENCY SECTION (HOPPING ON). See next plot.

Spectrum Ref Level 20.00 dBm RBW 100 kHz Att 40 dB SWT 1 ms 👄 VBW 300 kHz Mode Sweep ⊖1Pk View M1[1] 12.80 dBm 902.28500 MHz 10 dBm D1[1] -320.00 kHz 0 dBm -10 dBm D1 -17.200 dBm -20 dBm--30 dBm--40 dBm-50 dBn -60 dBm -70 dBm-Fİ Start 893.5 MHz 1000 pts Stop 903.5 MHz Measuring... 



#### 4. HIGH FREQUENCY SECTION (HOPPING ON). See next plot.



Measurement uncertainty (dB)	<±1.20
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#### FCC Section 15.247 Subclause (d) / RSS-247 Clause 5.5. Emission limitations conducted (Transmitter)

#### **SPECIFICATION**

In any 100 kHz bandwidths outside the frequency band in which the intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

**RESULTS:** 

Lowest frequency 902.3 MHz:

All peaks are more than 20 dB below the limit.

Middle frequency 908.7 MHz:

All peaks are more than 20 dB below the limit.

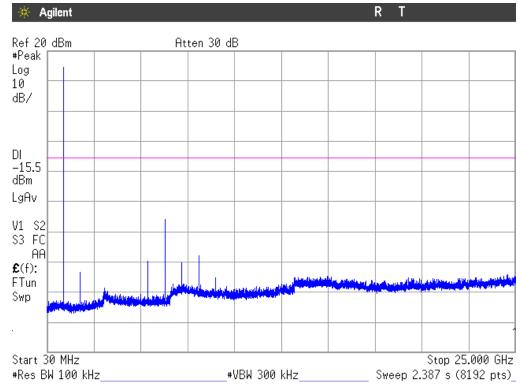
Highest frequency 914.9 MHz:

All peaks are more than 20 dB below the limit.

Measurement uncertainty (dB): < 2.03

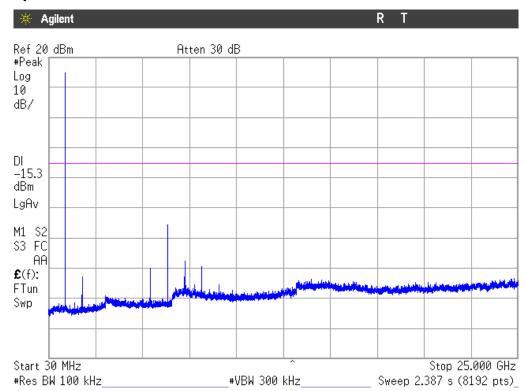


#### Lowest frequency



Note: The peak shown in the plot above the limit is the carrier frequency.

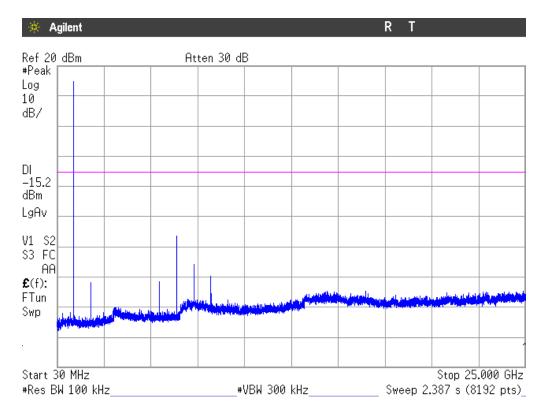
#### Middle frequency



Note: The peak shown in the plot above the limit is the carrier frequency.



#### Highest frequency



Note: The peak shown in the plot above the limit is the carrier frequency.



#### FCC Section 15.247 Subclause (f) / RSS-247 Clause 5.3. (b) Power spectral density for hybrid systems

#### **SPECIFICATION**

For the purposes of this section, hybrid systems are those that employ a combination of both frequency hopping and digital modulation techniques.

The power spectral density conducted from the intentional radiator to the antenna due to the digital modulation operation of the hybrid system, with the frequency hopping operation turned off, shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

#### <u>RESULTS</u>

The maximum power spectral density level in the fundamental emission was measured using the method AVGPSD-2 (trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction) according to point 10.5. of Guidance for Performing Compliance Measurements on Digital Transmission Systems (DTS) Operating Under §15.247 558074 D01 DTS Meas Guidance v04 dated 05/04/2017.

Power spectral density (see next plots).

Measured Duty cycle: x = 0.892. Correction =  $10*\log(1/x) = 0.50$  dB.

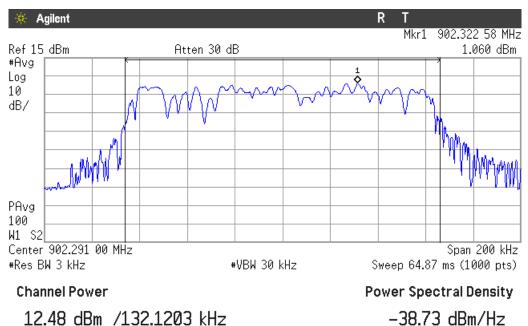
(NOTE: See section "Maximum peak output power and antenna gain").

	Lowest frequency 902.3 MHz	Middle frequency 908.7 MHz	Highest frequency 914.9 MHz		
Power spectral density (dBm)	1.060	0.933	-0.425		
Average PSD (dBm)	1.560	0.075			
Measurement uncertainty (dB)	1.560 1.433 0.075 <±0.78				

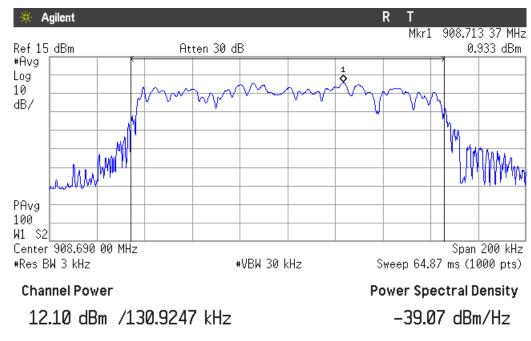


#### POWER SPECTRAL DENSITY

#### Lowest Channel

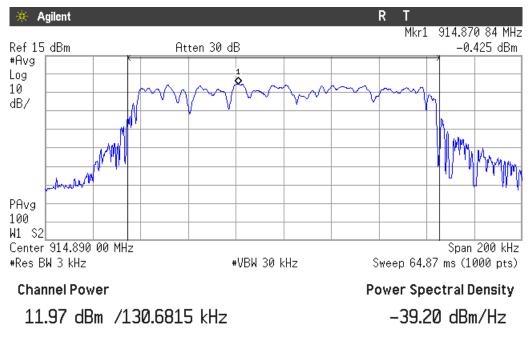


#### Middle Channel





#### Highest Channel





#### FCC Section 15.247 Subclause (d) / RSS-247 Clause 5.5 Emission limitations radiated (Transmitter) <u>SPECIFICATION</u>

## Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)/RSS-Gen):

Frequency Range (MHz)	Field strength ( $\mu V/m$ )	Field strength (dBµV/m)	Measurement distance (m)
0.009-0.490	2400/F(kHz)	-	300
0.490-1.705	24000/F(kHz)	-	30
1.705 - 30.0	30	-	30
30 - 88	100	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
960 - 10000	500	54	3

The emission limits shown in the above table are based on measurements employing CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

For average radiated emission measurements above 1000 MHz, there is also a limit corresponding to 20 dB above the indicated values in the table is specified when measuring with peak detector function.

<u>RSS-247</u>. Attenuation below the general field strength limits specified in RSS-Gen is not required.

#### **RESULTS:**

The situation and orientation was varied to find the maximum radiated emission. It was also rotated 360° and the antenna height was varied from 1 to 4 meters to find the maximum radiated emission.

Measurements were made in both horizontal and vertical planes of polarization.

All tests were performed in a semi-anechoic chamber at a distance of 3 m for the frequency range 30 MHz-1000 MHz and at distance of 1m for the frequency range 1 GHz-10 GHz.

The field strength is calculated by adding correction factor to the measured level from the spectrum analyzer. This correction factor includes antenna factor, cable loss and pre-amplifiers gain.



#### Frequency range 30 MHz-1000 MHz.

No spurious signals were found at less than 20 dB respect to the limit.

#### Frequency range 1 GHz-10 GHz

The results in the next tables show the maximum measured levels in the 1-10 GHz range (see next plots).

Spurious signals with peak levels above the average limit (54  $dB\mu V/m$  at 3 m) are measured with average detector for checking compliance with the average limit.

#### 1. CHANNEL: LOWEST (902.3 MHz).

Spurious frequency (GHz)	Polarization	Detector Emission Level (dBµV/m)		Measurement Uncertainty (dB)
1.80475	V	Peak	40.32	± 4.87
2.70685	Н	Peak	36.89	± 4.87
5.41345	Н	Peak	41.54	± 4.87
		Peak	55.83	± 4.87
6.31615 (*)	V	AVG	55.39	± 4.87
		Peak	54.72	± 4.87
7.21825	V	AVG	53.17	± 4.87
		Peak	54.06	± 4.87
8.12065	V	AVG	52.86	± 4.87
9.02365	V	Peak	47.67	± 4.87
9.92485	Н	Peak	48.81	± 4.87

(\*): This spurious frequency is outside the restricted bands as defined in 15.205(a). The measured maximum carrier level at 3 m was 85.96 dB W/m (Peak) so the spurious level is more than 30 dB below the carrier level.



Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)
1.81735	V	Peak	46.02	± 4.87
2.72605	Н	Peak	38.21	± 4.87
3.63475	Н	Peak	37.77	± 4.87
		Peak	54.07	± 4.87
6.36055	V	AVG	53.16	± 4.87
	V	Peak	54.33	± 4.87
7.26895		AVG	52.99	± 4.87
		Peak	54.95	± 4.87
8.17825	V	AVG	53.52	± 4.87
9.08665	V	Peak	48.12	± 4.87
9.99595	V	Peak	47.55	± 4.87

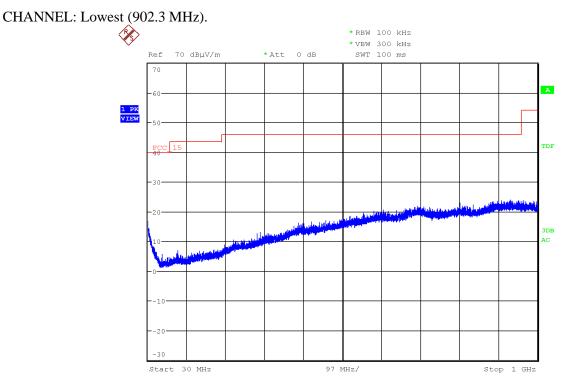
#### 2. CHANNEL: MIDDLE (908.7 MHz).

#### 3. CHANNEL: HIGHEST (914.9 MHz).

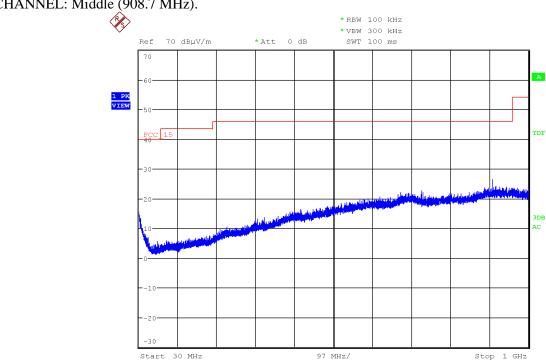
Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)
1.82965	V	Peak	45.09	$\pm 4.87$
2.74465	V	Peak	37.66	± 4.87
5.48935	Н	Peak	39.40	± 4.87
6.40465	Н	Peak	46.31	± 4.87
7.31875	V	Peak	53.38	± 4.87
8.23375	V	Peak	45.56	± 4.87
9.14845	V	Peak	47.62	± 4.87



#### FREQUENCY RANGE 30 MHz-1000 MHz.



Note: The carrier was attenuated using a notch-filter.

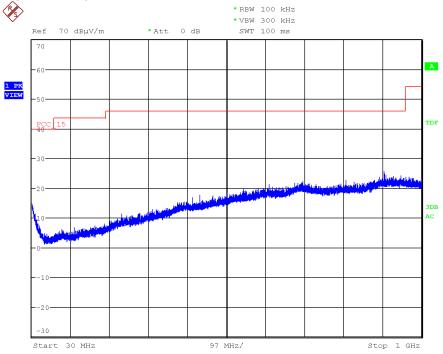


CHANNEL: Middle (908.7 MHz).

Note: The carrier was attenuated using a notch-filter.



#### CHANNEL: Highest (914.9 MHz).



Note: The carrier was attenuated using a notch-filter.



#### FREQUENCY RANGE 1 GHz to 10 GHz.

#### CHANNEL: Lowest (902.3 MHz).

MultiView 🔠 Spectrum				
TDF	BBW 1 MHz     VBW 3 MHz     Mode Auto	Sweep		
1 Frequency Sweep				. IPk View ⊚2Av ViewLin
Н1 74.000 dBµV/m				
70 dBµV/m				
60 dBµV/m H2 54.000 dBµV/m				
50 dBµV/m				and the second street being a second street being
40 dBµV/m at dBµV/m digitations and the strain of the strain	and the set of the second set of the second set of the set	19. Les rente de la contra de la		
20 dBµV/m	and the second	and the second sec		
10 dBµV/m				
0 dBµV/m				
-10 dBµV/m				
1.0 GHz	30000 pts	900	0.0 MHz/	10.0 GHz

#### CHANNEL: Middle (908.7 MHz).

	Spectrum								
Ref Level 80 Att TDF	.00 dBµV/m 0 dB ● S	● RBW WT 1s ● VBW	1 MHz 3 MHz Mode A	Auto Sweep					
1 Frequency S	weep							●1Pk View	⊜2Av ViewLin
70 dBµV/m	−H1 74.000 dBµV/m								
60 dBµV/m	H2 54.000	dBi 0//m							
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10 dBµV/m									
) dBµV/m									
-10 dBµV/m									
1.0 GHz			30000 pt	S	. 90	0.0 MHz/			10.0 GH



#### CHANNEL: Highest (914.9 MHz).

MultiView 😁	Spectrum	l						
Ref Level 80.0 Att TDF	OdBµV/m OdB <b>● SWT</b> 1 s	<ul> <li>RBW 1 MHz</li> <li>VBW 3 MHz</li> <li>Mode A</li> </ul>	Auto Sweep					
1 Frequency Sw	еер						⊙1Pk View	∋2Av ViewLin
	1 74.000 dBµV/m							
70 dBµV/m								
60 dBµV/m								
50 dBµV/m						. Ja diata satut da	والمرابع والمحافظ ألمين وروار والم	
40 dBµV/m			a filmen sinten an anna starta fala.	n i su i s				Laurent and the second s
B2 dBµV/m	HAN SHITTER AND A SAME AND			فيقته والمتحافظ والمتارك والمتقار		م مذر الاف الم الله من المعالم الم الم الم الم الم الم الم الم الم	ling and the second	
20 dBµV/m	Non-stationary and a second							
10 dBµV/m								
0 dBµV/m								
-10 dBµV/m								
1.0 GHz		30000 pt	S	90	0.0 MHz/			10.0 GHz