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a) ELECTROMAGNETIC EMISSIONS COMPLI-

ANCE REPORT

INTENTIONAL RADIATOR CERTIFICATION TO **FCC PART 15 SUBPART C REQUIREMENT**

Applicant: Smart Parking Technology Ltd

583 Great South Road, Penrose, Auckland 1061, New Zealand

Product Name: SmartSpot Brand Name: Smart Parking Model No.: V3 SmartSpot Lite

Model Difference: N/A

FCC ID: 2AN5A-SSL915-V3-1 **Report Number:** ER/2017/A00256

FCC Rule Part: §15.249

Issue Date: Oct. 30, 2017 **Date of Test:** Oct. 18, 2017 Date of EUT Received: Oct. 18, 2017

We hereby certify that:

The above equipment was tested by SGS Taiwan Ltd. Electronics & Communication Laboratory The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10:2013 and the energy emitted by the sample EUT tested as described in this report is in compliance with conducted and radiated emission limits.

The test results of this report relate only to the tested sample identified in this report.

Approved By: Jim Chang / Asst. Manager

SGS Taiwan Ltd.



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Revision History

Report Number	Revision	Description	Issue Date
ER/2017/A0256	Rev.00	Initial creation of document	Oct. 30, 2017

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GENERAL INFORMATION

1.1 Product Description

General:

h			
Product Name:	SmartSpot		
Brand Name:	Smart Parking		
Model No.:	V3 SmartSpo	ot Lite	
Model Difference:	N/A		
Product SW/HW version:	N/A / NA		
Radio SW/HW version:	N/A / NA		
Test SW Version:	N/A		
RF power setting in TEST SW:	: N/A		
	24Vdc from PoE Adapter		
Power Supply:	Adapter:	Model:GP-A240-050, Supplier:UBIQUITI NETWORKS	
Antenna Designation:	Dipole Antenna		

915MHz

Transmit Power	105.30dBuV/m (Peak)
Operation Frequency:	915MHz
Channel number:	1 channels
Modulation Type:	GFSK

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Test Methodology of Applied Standards

FCC Part 15, Subpart C §15.249 ANSI C63.10:2013

Note:

All test items have been performed and record as per the above standards.

Test Facility 1.3

SGS Taiwan Ltd. Electronics & Communication Laboratory No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803 (TAF code 0513)

FCC Registration Numbers are: 509634 / TW0001

1.4 Special Accessories

There are no special accessories used while test was conducted.

1.5 **Equipment Modifications**

There was no modification incorporated into the EUT.

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SYSTEM TEST CONFIGURATION

2.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

2.2 EUT Exercise

An engineering test mode (software/firmware) that applicant provided was utilized to manipulate the EUT into transmit, selection of the test channel, and modulation scheme.

2.3 **Test Procedure**

2.3.1 Conducted Emissions

The EUT is a placed on as turn table which is 0.8 m above ground plane. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz,. The CISPR Quasi-Peak and Average detector mode is employed according to §15.207. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

2.3.2 Radiated Emissions

The EUT is a placed on as turn table. For emissions testing at or below 1 GHz, the table height shall be 80 cm above the reference ground plane. For emission measurements above 1 GHz, the table height shall be 1.5 m. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the max. emission, the relative positions of this transmitter (EUT) was rotated through three orthogonal axes and measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made "while keeping the antenna in the 'cone of radiation' from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response." is still within the 3dB illumination BW of the measurement antenna.

2.4 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuation factor between EUT conducted port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly EUT RF output level.

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2.5 Limitation

(1) Conducted Emission

Conducted Emission Limits is as following.

Frequency	Conducted Limit (dBuV)		
(MHz)	Quasi-Peak	Average	
0.15 – 0.5	66 - 56	56 - 46	
0.5 – 5	56	46	
5 - 30	60	50	

(2) Radiated Emission

The field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following.

Frequency	Field strength of	Field strength of	Distance (m)
(MHz)	Fundamental	Harmonics	
902 – 928	50 mV/m	500 uV/m	3
	(94dBuV/m)	(54dBuV/m)	
2400 – 2483.5	50 mV/m	500 uV/m	3
	(94dBuV/m)	(54dBuV/m)	
5725 – 5875	50 mV/m	500 uV/m	3
	(94dBuV/m)	(54dBuV/m)	
24.0 – 24.25 GHz	250 mV/m	2500 uV/m	3
	(107.95dBuV/m)	(67.95dBuV/m)	

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(3) Radiated Emission

Emission Radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50dB below the level of the fundamental or to the general radiated emission limits as below, whichever is the lesser attenuation.

Frequency	Field strength	Distance (m)	Field strength at
(MHz)	μ V/m		3m dBμV/m
1.705-30	30	30	69.54
30-88	100	3	40
88-216	150	3	43.5
216-960	200	3	46
Above 960	500	3	54

(4) Radiated Emission

For frequencies above 1000MHz, the above field strength limits are based on average limits. The peak filed strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20dB under any condition of modulation.

Re-

Emission level in dBuV/m=20 log (uV/m)

mark:

- 2. Measurement was performed at an antenna to the closed point of EUT distance of meters.
- 3. Only spurious frequency is permitted to locate within the Restricted Bands specified in provision of ξ 15.205 and RSS-Gen § 8.10
- 4. Emission spurious frequency which appearing within the Restricted Bands specified in provision of £15.205 and RSS-Gen § 8.10, then the general radiated emission limits in ξ 15.209 and RSS-Gen § 8.9 apply.

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2.6 Configuration of Tested System

Fig. 2-1 Radiated Emission & Conducted (Antenna Port) Configuration

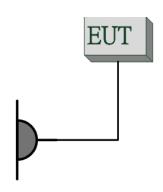


Table 2-1 Equipment Used in Tested System

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Data Cable	Power Cord
1.	N/A					

SUMMARY OF TEST RESULTS

FCC Rules	Description Of Test	Result	
§15.207(a)	AC Power Line Conducted	Compliant	
§15.207(a)	Emission	Compilant	
§15.249(a)(d)(e)	Radiated Emission	Compliant	
\$45.245(a)	20dB bandwidth	Compliant	
§15.215(c)	Measurement	Compliant	

DESCRIPTION OF TEST MODES

4.1 Operated in 920~928MHz Band

1 channels are provided.

Channel	Frequency
1	915MHz

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4.2 The Worst Test Modes and Channel Details

- 1. The EUT has been tested under operating condition.
- 2. Test program used to control the EUT for staying in continuous transmitting and receiving mode is programmed.

RADIATED EMISSION TEST:

	RADIATED EMISSION TEST					
MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	ANTENNA PORT		
915MHz	1	1	GFSK	MAIN		

Note:

The field strength of radiation emission was measured as EUT stand-up position (H mode) and lie down position (E1, E2 mode), the worst case H position was reported.

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MEASUREMENT UNCERTAINTY

Test Items	Uncertainty
AC Power Line Conducted Emission	+/- 2.586 dB
20dB & 99% Bandwidth	+/- 51.33 Hz
100 kHz Bandwidth Of Frequency Band Edges	+/- 0.84 dB
Temperature	+/- 0.65 °C
Humidity	+/- 4.6 %
DC / AC Power Source	DC= +/- 0.13%, AC= +/- 0.2%

Radiated Spurious Emission:

	9kHz – 30MHz: +/- 2.87 dB		
	30MHz - 180MHz: +/- 3.37dB		
Measurement uncertainty	180MHz -417MHz: +/- 3.19dB		
(Polarization : Vertical)	0.417GHz-1GHz: +/- 3.19dB		
	1GHz - 18GHz: +/- 4.04dB		
	18GHz - 40GHz: +/- 4.04dB		

	9kHz – 30MHz: +/- 2.87 dB			
	30MHz - 167MHz: +/- 4.22dB			
Measurement uncertainty	167MHz -500MHz: +/- 3.44dB			
(Polarization : Horizontal)	0.5GHz-1GHz: +/- 3.39dB			
	1GHz - 18GHz: +/- 4.08dB			
	18GHz - 40GHz: +/- 4.08dB			

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

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CONDUCTED EMISSION TEST

6.1 Standard Applicable:

Frequency range within 150kHz to 30MHz shall not exceed the Limit table as below.

Frequency range	Limits dB(uV)					
MHz	Quasi-peak	Average				
0.15 to 0.50	66 to 56	56 to 46				
0.50 to 5	56	46				
5 to 30	60	50				

Note

- 1. The lower limit shall apply at the transition frequencies
- 2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.

6.2 Measurement Equipment Used:

Conducted Emission Test Site										
EQUIPMENT	MFR	MODEL	SERIAL	LAST	CAL DUE.					
TYPE		NUMBER	NUMBER	CAL.						
EMI Test Receiver	R&S	ESCI7	100760	05/11/2017	05/10/2018					
LISN	SCHWARZBECK	NSLK 8127	8127-649	05/22/2017	05/21/2018					
LISN	MESS TEC	FCC-LISN-50/2 50-25-2-01	4034	03/19/2017	03/18/2018					
Coaxial Cables	N/A	WK CE Cable	N/A	11/26/2016	11/25/2017					

6.3 EUT Setup:

- 1. The conducted emission tests were performed in the test site, using the setup in accordance with the ANSI C63.10:2013.
- 2. The AC/DC Power adaptor of EUT was plug-in LISN. The EUT was placed flushed with the rear of the table.
- 3. The LISN was connected with 120Vac/60Hz power source.

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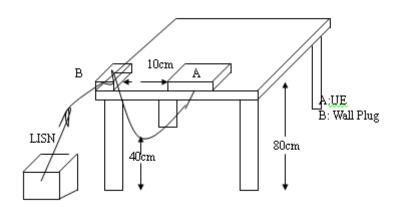
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6.4 Test SET-UP (Block Diagram of Configuration)



6.5 Measurement Procedure:

- 1. The EUT was placed on a table which is 0.8m above ground plane.
- 2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
- 3. Repeat above procedures until all phases of power being supplied by given UE are completed

6.6 Measurement Result:

Note: Refer to next page for measurement data and plots.

Note2: The * reveals the worst-case results that closet to the limit.

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AC POWER LINE CONDUCTED EMISSION TEST DATA

Operation Mode: operation mode Test By: Jerry

Site Conduction Room

Phase:

L1

Temperature: 20 °C

Power: AC 120V/60Hz Humidity: 58 %

Mode: Operation

Note: Adapter: GP-A240-050

Limit: FCC Class B Conduction(QP)

Conducted Emission File :Data Date: 2017/10/18 Time: 下午 10:38:57 80.0 dBuV FCC Class B Conduction(QP) FCC Class B Conduction(AVG) 0.0 0.150 0.5 (MHz) 5 30.000

Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
0.1500	51.38	0.07	51.45	66.00	-14.55	peak	
0.1780	45.81	0.07	45.88	64.58	-18.70	peak	
0.1940	43.19	0.07	43.26	63.86	-20.60	peak	
0.2260	42.41	0.07	42.48	62.60	-20.12	peak	
0.3180	39.04	0.08	39.12	59.76	-20.64	peak	
0.4460	36.84	0.08	36.92	56.95	-20.03	peak	
	MHz 0.1500 0.1780 0.1940 0.2260 0.3180	MHz dBuV 0.1500 51.38 0.1780 45.81 0.1940 43.19 0.2260 42.41 0.3180 39.04	MHz dBuV dB 0.1500 51.38 0.07 0.1780 45.81 0.07 0.1940 43.19 0.07 0.2260 42.41 0.07 0.3180 39.04 0.08	MHz dBuV dB dBuV 0.1500 51.38 0.07 51.45 0.1780 45.81 0.07 45.88 0.1940 43.19 0.07 43.26 0.2260 42.41 0.07 42.48 0.3180 39.04 0.08 39.12	MHz dBuV dB dBuV dBuV 0.1500 51.38 0.07 51.45 66.00 0.1780 45.81 0.07 45.88 64.58 0.1940 43.19 0.07 43.26 63.86 0.2260 42.41 0.07 42.48 62.60 0.3180 39.04 0.08 39.12 59.76	MHz dBuV dB dBuV dBuV dB 0.1500 51.38 0.07 51.45 66.00 -14.55 0.1780 45.81 0.07 45.88 64.58 -18.70 0.1940 43.19 0.07 43.26 63.86 -20.60 0.2260 42.41 0.07 42.48 62.60 -20.12 0.3180 39.04 0.08 39.12 59.76 -20.64	MHz dBuV dB dBuV dBuV dB Detector 0.1500 51.38 0.07 51.45 66.00 -14.55 peak 0.1780 45.81 0.07 45.88 64.58 -18.70 peak 0.1940 43.19 0.07 43.26 63.86 -20.60 peak 0.2260 42.41 0.07 42.48 62.60 -20.12 peak 0.3180 39.04 0.08 39.12 59.76 -20.64 peak

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Temperature: 20 ℃ Phase: Site Conduction Room N AC 120V/60Hz Humidity: 58 % Limit: FCC Class B Conduction(QP) Power:

Mode: Operation

Note: Adapter: GP-A240-050

Conducted Emission File :Data Data :#1 Date: 2017/10/18 Time: 下午 10:38:07 80.0 dBuV FCC Class B Conduction(QP) FCC Class B Conduction(AVG) 0.0 0.150 30.000 (MHz) Reading Correct Measure-Limit Over No. Mk. Freq. Factor Level ment MHz dB Detector 1 * 0.1540 49.37 0.07 49.44 65.78 -16.34peak 0.2100 2 45 24 0.07 45 31 63 21 -17.90 peak 3 0.3220 38.72 0.08 38.80 59.66 -20.86 peak 4 0.4140 38.88 0.08 38.96 57.57 -18.61 peak 5 3.3700 28.78 0.18 28.96 56.00 -27.04 peak 6 27.9500 33.54 0.63 34.17 60.00 -25.83 peak

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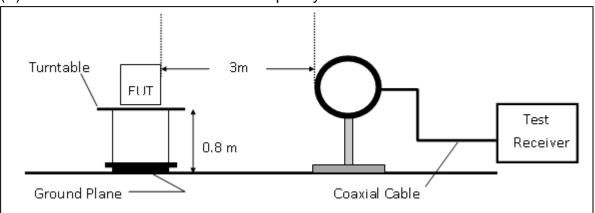
Radiated Emission Test

7.1. Measurement Procedure

- 1. The EUT was placed on a turn table with 0.8m for frequency< 1GHz and 1.5m for frequency> 1GHz above ground plane.
- 2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
- 3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
- 4. Repeat above procedures until all frequency measured were complete.

7.2. Test SET-UP (Block Diagram of Configuration)

(A) Radiated Emission Test Set-UP Frequency Below 30MHz.



Note: There is a comparison data of both open-field test site and semi-Anechoic, and test result came out very similar.

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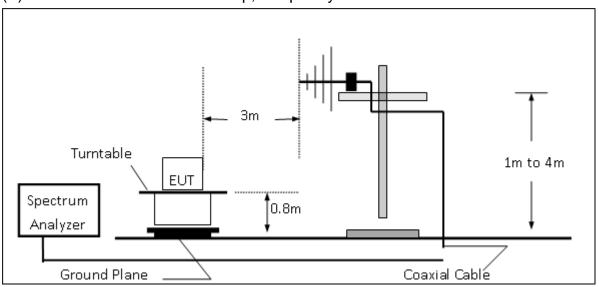
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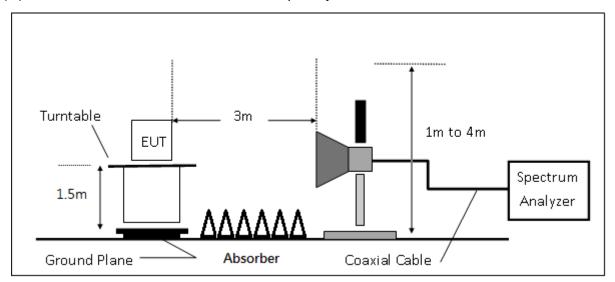


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(B) Radiated Emission Test Set-Up, Frequency form 30MHz to 1000MHz



(C) Radiated Emission Test Set-UP Frequency Over 1 GHz



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7.3. Measurement Equipment Used:

	966 Chamber									
EQUIPMENT	MFR	MODEL	SERIAL	LAST	CAL DUE.					
TYPE		NUMBER	NUMBER	CAL.						
EMI Test Receiver	R&S	ESCI7	100760	05/11/2017	05/10/2018					
Spectrum Analyzer	Agilent	E4446A	MY51100003	04/25/2017	04/24/2018					
Loop Antenna	ETS-Lindgren	6502	148045	09/20/2017	09/19/2018					
Bilog Antenna	SCHWAZBECK	VULB9168	378	12/19/2016	12/18/2017					
Horn Antenna	Schwarzbeck	BBHA9120D	1441	08/04/2017	08/03/2018					
Pre-Amplifier	Agilent	8447D	2944A07676	01/03/2017	01/02/2018					
Pre-Amplifier	EMC Instruments Corp.	EMC0126530	980038	01/03/2017	01/02/2018					
Turn Table	HD	DT420	N/A	N.C.R	N.C.R					
Antenna Tower	ChamPro	AM-BS-4500-B	060776-ABS	N.C.R	N.C.R					
Controller	ChamPro	EM1000	60776	N.C.R	N.C.R					
Low Loss Cable	Huber Suhner	966_RX	9	01/05/2017	01/04/2018					
3m Site NSA	SGS	966 chamber	N/A	07/01/2017	06/30/2018					
Low Loss Cable	Huber Suhner	966 TX	1	01/05/2017	01/04/2018					
Horn Antenna	Schwarzbeck	BBHA9170	184	12/12/2016	12/11/2017					
Pre-Amplifier	EMC Instruments Corp.	EMC184045	980135	01/05/2017	01/04/2018					

Note: N.C.R refers to Not Calibrated Required

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7.4. Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CL - AG$$

Where	S .	CL = Cable Attenuation Factor (Cable Loss)
	RA = Reading Amplitude	AG = Amplifier Gain
	AF = Antenna Factor	

Actual FS(dB μ V/m) = SPA. Reading level(dB μ V) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) - Pre Amplifier Gain(dB)

"F": denotes Fundamental Frequency.; "H": denotes Harmonic Frequency. Note:

"E": denotes Band Edge Frequency.; "S": denotes Spurious Frequency.

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:VERTICAL

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Measurement Antenna Pol.

7.5. Measurement Result

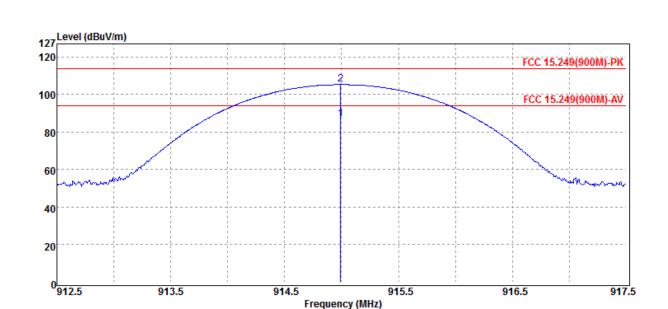
Radiated Spurious Emission Measurement Result (MAIN)

:H Plane

Operation Band :900M Test Date :2017-10-18

Fundamental Frequency Temp./Humi. :915 MHz :22 deg C / 61 RH

Engineer **Operation Mode** :Main :Tin EUT Pol.



Freq.	Note	Detector	Spectrum	Factor	Actual	Limit	Safe
		Mode	Reading Level		FS	@3m	Margin
MHz	F/H/E/S	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
914.99	F	Average	81.80	4.99	86.79	94.00	-7.21
914.99	F	Peak	100.31	4.99	105.30	114.00	-8.70

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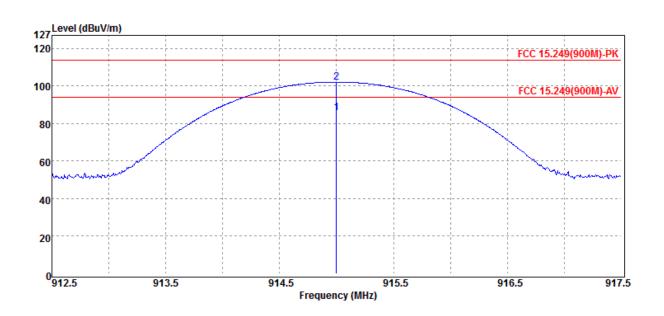
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Operation Band :900M **Fundamental Frequency** :915 MHz Operation Mode :Main EUT Pol. :H Plane

Test Date :2017-10-18 Temp./Humi. :22 deg_C / 61 RH

Engineer :Tin

:HORIZONTAL Measurement Antenna Pol.



Freq.	Note	Detector	Spectrum	Factor	Actual	Limit	Safe
		Mode	Reading Level		FS	@3m	Margin
MHz	F/H/E/S	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
915.00	F	Average	80.79	4.99	85.78	94.00	-8.22
915.00	F	Peak	97.17	4.99	102.16	114.00	-11.84

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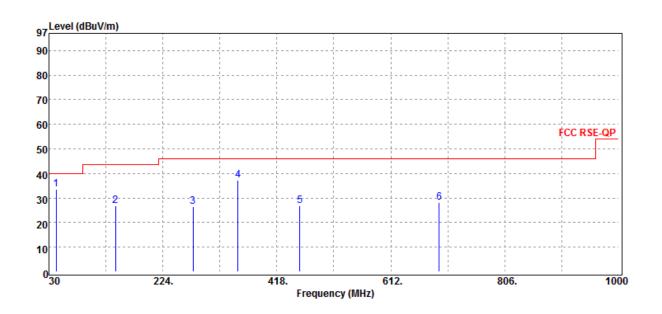
Radiated Spurious Emission Measurement Result Below 1GHz measurement

Operation Band :900M **Test Date** :2017-10-18

Fundamental Frequency Temp./Humi. :915 MHz :22 deg_C / 61 RH

Operation Mode Engineer

:H Plane EUT Pol. :VERTICAL Measurement Antenna Pol.



Freq.	Note	Detector	Spectrum	Factor	Actual	Limit	Margin
		Mode	Reading Level		FS	@3m	
MHz	F/H/E/S	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
42.61	S	Peak	41.71	-8.29	33.42	40.00	-6.58
143.49	S	Peak	35.08	-8.09	26.99	43.50	-16.51
275.41	S	Peak	33.06	-6.63	26.43	46.00	-19.57
352.04	S	Peak	42.32	-4.94	37.38	46.00	-8.62
456.80	S	Peak	29.55	-2.65	26.90	46.00	-19.10
694.45	S	Peak	26.88	1.36	28.24	46.00	-17.76

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Operation Band :900M **Fundamental Frequency** :915 MHz

Operation Mode

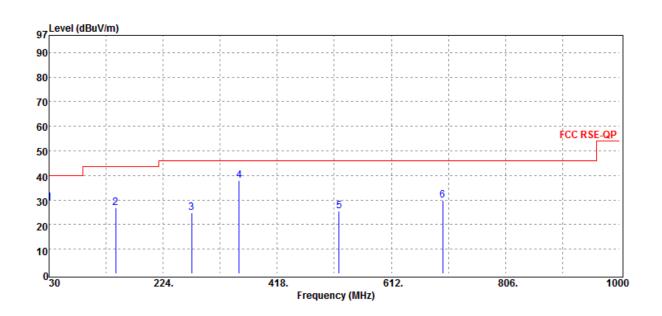
EUT Pol. :H Plane

:2017-10-18 **Test Date**

Temp./Humi. :22 deg_C / 61 RH

Engineer :Tin

:HORIZONTAL Measurement Antenna Pol.



Freq.	Note	Detector	Spectrum	Factor	Actual	Limit	Margin
		Mode	Reading Level		FS	@3m	
MHz	F/H/E/S	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
30.00	S	Peak	38.10	-9.19	28.91	40.00	-11.09
143.49	S	Peak	34.99	-8.09	26.90	43.50	-16.60
272.50	S	Peak	31.61	-6.77	24.84	46.00	-21.16
353.01	S	Peak	42.69	-4.90	37.79	46.00	-8.21
522.76	S	Peak	27.12	-1.66	25.46	46.00	-20.54
699.30	S	Peak	28.48	1.44	29.92	46.00	-16.08

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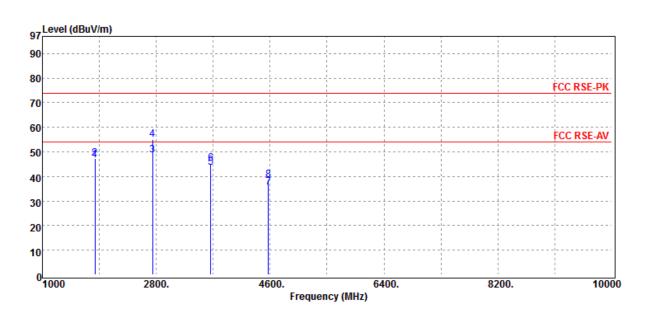
Above 1GHz measurement

Operation Band :900M **Test Date** :2017-10-18

Fundamental Frequency :915 MHz Temp./Humi. :22 deg_C / 61 RH

Operation Mode Engineer

EUT Pol. :VERTICAL :H Plane Measurement Antenna Pol.



Freq.	Note	Detector	Spectrum	Factor	Actual	Limit	Safe
		Mode	Reading Level		FS	@3m	Margin
MHz	F/H/E/S	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
1830.00	Н	Average	55.86	-9.21	46.65	54.00	-7.35
1830.00	Н	Peak	56.69	-9.21	47.48	74.00	-26.52
2745.00	Н	Average	55.33	-6.54	48.79	54.00	-5.21
2745.00	Н	Peak	61.75	-6.54	55.21	74.00	-18.79
3660.00	Н	Average	49.01	-5.36	43.65	54.00	-10.35
3660.00	Н	Peak	50.51	-5.36	45.15	74.00	-28.85
4575.00	Н	Average	39.32	-3.75	35.57	54.00	-18.43
4575.00	Н	Peak	42.22	-3.75	38.47	74.00	-35.53

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Operation Band :900M **Fundamental Frequency** :915 MHz

Operation Mode

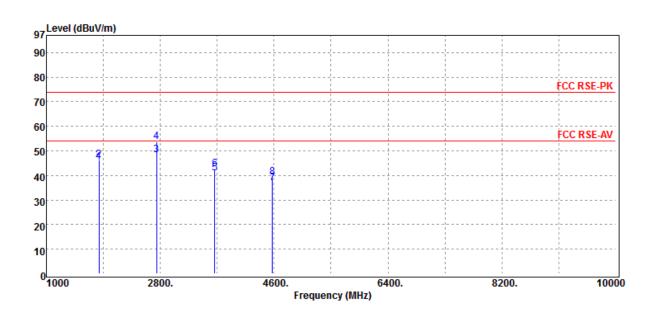
EUT Pol. :H Plane

:2017-10-18 **Test Date**

Temp./Humi. :22 deg_C / 61 RH

Engineer :Tin

:HORIZONTAL Measurement Antenna Pol.



Freq.	Note	Detector	Spectrum	Factor	Actual	Limit	Safe
		Mode	Reading Level		FS	@3m	Margin
MHz	F/H/E/S	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
1830.00	Н	Average	54.47	-9.21	45.26	54.00	-8.74
1830.00	Н	Peak	55.39	-9.21	46.18	74.00	-27.82
2745.00	Н	Average	54.88	-6.54	48.34	54.00	-5.66
2745.00	Н	Peak	60.11	-6.54	53.57	74.00	-20.43
3660.00	Н	Average	46.15	-5.36	40.79	54.00	-13.21
3660.00	Н	Peak	47.95	-5.36	42.59	74.00	-31.41
4575.00	Н	Average	40.52	-3.75	36.77	54.00	-17.23
4575.00	Н	Peak	42.95	-3.75	39.20	74.00	-34.80

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20 dB Bandwidth Measurement

8.1 Measurement Procedure

- The EUT was placed on a turn table which is 0.8m above ground plane.
- Set ETU normal operating mode.
- 3. Set SPA Center Frequency = fundamental frequency, RBW = 100kHz, VBW = 300kHz, Span = 5MHz.
- 4. Set SPA Max hold. Mark peak, -20dB.

8.2 Test SET-UP (Block Diagram of Configuration)

Refer to section 7.2 for the plot.

8.3 Measurement Equipment Used:

Refer to section 7.3 for the plot.

8.4 Measurement Results:

Frequency (MHz)	20dB Bandwidth (kHz)		
915MHz	275.8		

Refer to attached data chart.

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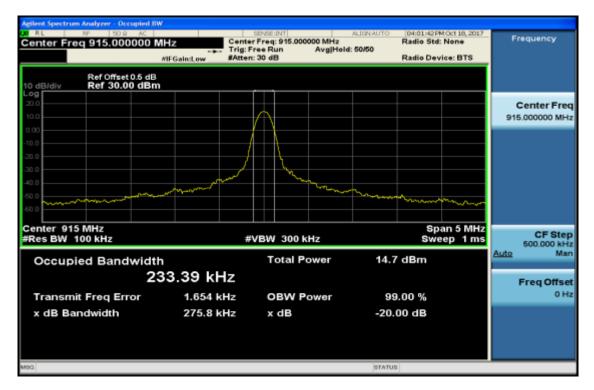
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915MHz



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Antenna Requirement

9.1 Standard Applicable:

For intentional device, according to §15.203, an intentional radiator shall be designed to ensure that no antenna other than furnished by the responsible party shall be used with the device.

9.2 Antenna Connected Construction:

embedded-in antenna design is used.

The antenna is designed as permanently attached and no consideration of replacement. Please see EUT photo and antenna spec. for details.

~ End of Report ~

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