

## TEST PLOT OF SPECTRAL DENSITY FOR MIDDLE CHANNEL

## TEST PLOT OF SPECTRAL DENSITY FOR HIGH CHANNEL



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# **11. RADIATED EMISSION**

## **11.1. MEASUREMENT PROCEDURE**

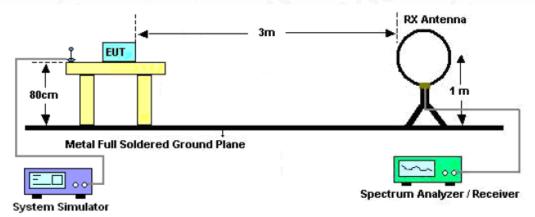
- 1. The EUT was placed on the top of the turntable 0.8 or 1.5 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
- 2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
- 3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
- 4. For each suspected emissions, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
- 5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
- 6. For emissions above 1GHz, use 1MHz RBW and 3MHz VBW for peak reading. Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
- 7. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum values.
- 8.If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
- 9. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
- 10. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High Low scan is not required in this case.

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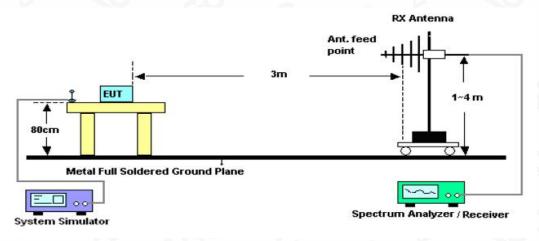


# 11.2. TEST SETUP

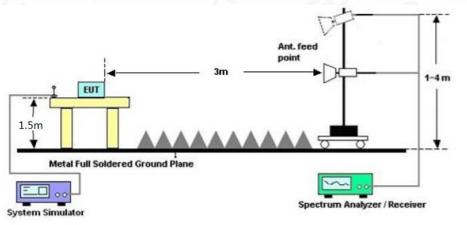
Radiated Emission Test-Setup Frequency Below 30MHz



## RADIATED EMISSION TEST SETUP 30MHz-1000MHz



## RADIATED EMISSION TEST SETUP ABOVE 1000MHz



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Attestation of Global Compliance(Shenzhen)Co., Ltd Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/

# **11.3. LIMITS AND MEASUREMENT RESULT**

15.209(a) Limit in the below table has to be followed

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)		
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	3		
88~216	150	3		
216~960	200	3		
Above 960	500	3		

Note: All modes were tested For restricted band radiated emission,

the test records reported below are the worst result compared to other modes.

# 11.4. TEST RESULT

# **RADIATED EMISSION BELOW 30MHZ**

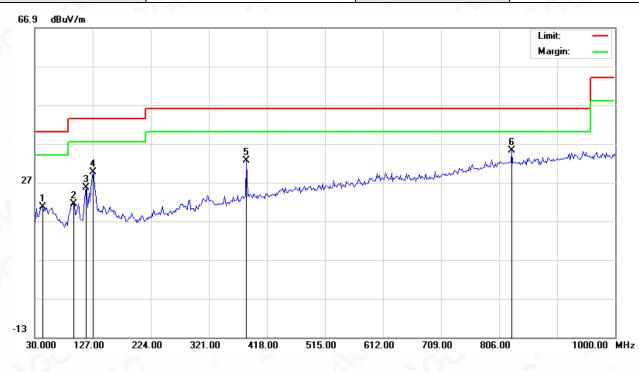
No emission found between lowest internal used/generated frequencies to 30MHz.

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## **RADIATED EMISSION BELOW 1GHZ**

EUT	Luna Diffuser	Model Name	AJ-ADA007
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with date rate 1 2412MHZ	Antenna	Horizontal



No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector
	•	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		42.9333	0.68	19.98	20.66	40.00	-19.34	peak
2		94.6667	5.98	15.46	21.44	43.50	-22.06	peak
3		115.6833	7.97	17.55	25.52	43.50	-17.98	peak
4		127.0000	11.29	18.41	29.70	43.50	-13.80	peak
5		384.0500	10.16	22.42	32.58	46.00	-13.42	peak
6	*	827.0167	4.36	30.76	35.12	46.00	-10.88	peak

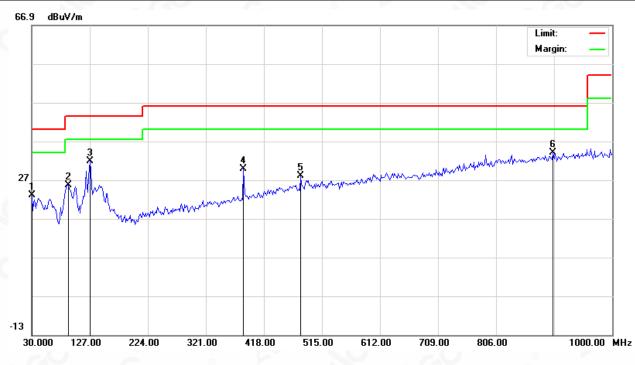
## **RESULT: PASS**

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EUT	Luna Diffuser	Model Name	AJ-ADA007
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with date rate 1 2412MHZ	Antenna	Vertical



No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector
	•	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		30.0000	4.83	18.17	23.00	40.00	-17.00	peak
2		91.4333	10.53	15.13	25.66	43.50	-17.84	peak
3	*	127.0000	13.36	18.41	31.77	43.50	-11.73	peak
4		384.0500	7.30	22.42	29.72	46.00	-16.28	peak
5		479.4333	3.41	24.58	27.99	46.00	-18.01	peak
6		901.3833	2.23	31.71	33.94	46.00	-12.06	peak

## **RESULT: PASS**

**Note:** 1. Factor=Antenna Factor + Cable loss, Margin=Measurement-Limit.

2. The "Factor" value can be calculated automatically by software of measurement system.

3. All test modes had been pre-tested. The 802.11b at low channel is the worst case and recorded in the report.

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# **RADIATED EMISSION ABOVE 1GHZ**

EUT	Luna Diffuser	Model Name	AJ-ADA007
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with date rate 1 2412MHZ	Antenna	Horizontal

(dBµV) 45.55	(dB) 0.08	(dBµV/m)	(dBµV/m)	(dB)	<ul> <li>Value Type</li> </ul>
45.55	<sup>©</sup> 0.08			· · ·	
	0.00	45.63	74	-28.37	peak
41.3	0.08	41.38	54	-12.62	AVG
43.62	2.21	45.83	74	-28.17	peak
38.53	2.21	40.74	54	-13.26	AVG
G	) G			200	
		0			
	43.62 38.53	43.62         2.21           38.53         2.21	43.62 2.21 45.83	43.62         2.21         45.83         74           38.53         2.21         40.74         54	43.62         2.21         45.83         74         -28.17           38.53         2.21         40.74         54         -13.26

Factor = Antenna Factor + Cable Loss – Pre-amplifier.

EUT	Luna Diffuser	Model Name	AJ-ADA007
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with date rate 1 2412MHZ	Antenna	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Tree
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	- Value Type
4824.000	43.65	0.08 💿	43.73	74	-30.27	peak
4824.000	39.22	0.08	39.3	54	-14.7	AVG
7236.000	40.09	2.21	42.3	74	-31.7	peak
7236.000	35.84	2.21	38.05	54	-15.95	AVG
		®				

## Remark:

Factor = Antenna Factor + Cable Loss - Pre-amplifier.

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### Report No.: AGC00210200621FE05 Page 57 of 94

EUT	Luna Diffuser	Model Name	AJ-ADA007
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with date rate 1 2437MHZ	Antenna	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Trees
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	- Value Type
4874.000	44.1	0.14	44.24	74	-29.76	peak
4874.000	39.91	0.14	40.05	54	-13.95	AVG
7311.000	42.15	2.36	44.51	74	-29.49	peak
7311.000	38.35	2.36	40.71	54	-13.29	AVG
e.C	8			e.G	8	
emark:						

Factor = Antenna Factor + Cable Loss – Pre-amplifier.

EUT	Luna Diffuser	Model Name	AJ-ADA007
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with date rate 1 2437MHZ	Antenna	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Trees
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	- Value Type
4874.000	42.31	0.14	42.45	74	-31.55	peak
4874.000	37.85	0.14 💿	37.99	54	-16.01	AVG
7311.000	40.72	2.36	43.08	74	-30.92	peak
7311.000	36.01	2.36	38.37	54	-15.63	AVG
				C.	8	
						3

Factor = Antenna Factor + Cable Loss - Pre-amplifier.

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EUT	Luna Diffuser	Model Name	AJ-ADA007
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with date rate 1 2462MHZ	Antenna	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Trees
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Value Type peak AVG peak
4924.000	43.6	0.22	43.82	(dBµV/m)         (dB)         Value           74         -30.18         pea           54         -15.35         AV           74         -31.12         pea	peak	
4924.000	38.43	0.22	38.65	54	-15.35	AVG
7386.000	40.24	2.64	42.88	74	-31.12	peak
7386.000	35.79	2.64	38.43	54	-15.57	AVG
-0			4 .04	0	8	
mark:						

Factor = Antenna Factor + Cable Loss – Pre-amplifier.

EUT	Luna Diffuser	Model Name	AJ-ADA007
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with date rate 1 2462MHZ	Antenna	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	- Value Type
4924.000	41.19	0.22	41.41	74	-32.59	peak
4924.000	36.9	0.22	37.12	54	-16.88	AVG
7386.000	37.47	2.64	40.11	74	-33.89	💿 peak 🖉
7386.000	32.95	2.64	35.59	54	-18.41	AVG
		N	a Ci	8		

Factor = Antenna Factor + Cable Loss – Pre-amplifier.

# **RESULT: PASS**

Note:

Other emissions from 1G to 25 GHz are considered as ambient noise. No recording in the test report. Factor = Antenna Factor + Cable loss - Amplifier gain, Over=Measure-Limit.

The "Factor" value can be calculated automatically by software of measurement system.

All test modes had been pre-tested. The 802.11b mode is the worst case and recorded in the report.

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# **12. BAND EDGE EMISSION**

## **12.1. MEASUREMENT PROCEDURE**

Radiated restricted band edge measurements

The radiated restricted band edge measurements are measured with an EMI test receiver connected to the receive antenna while the EUT is transmitting

## 12.2. TEST SET-UP

same as 11.2

### Note:

1. Factor=Antenna Factor + Cable loss - Amplifier gain. Field Strength=Factor + Reading level

2. The factor had been edited in the "Input Correction" of the Spectrum Analyzer. So the Amplitude of test plots is equal to Reading level plus the Factor in dB. Use the A dB( $\mu$ V) to represent the Amplitude. Use the F dB( $\mu$ V/m) to represent the Field Strength. So A=F.

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## 12.3. TEST RESULT

EUT	Luna Diffuser	Model Name	AJ-ADA007
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with data rate 1 2412MHZ	Antenna	Horizontal

ΡK



AV



## **RESULT: PASS**

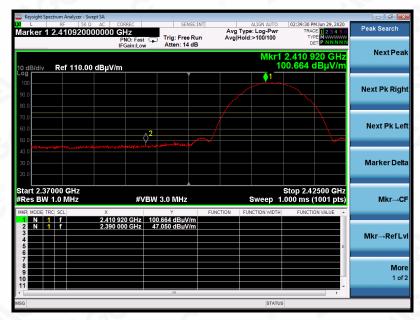
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EUT	Luna Diffuser	Model Name	AJ-ADA007
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with data rate 1 2412MHZ	Antenna	Vertical

ΡK



#### AV

	ectrum Analyzer - S RF 50		CORREC		SENSE:	INT		ALIGN AUTO	02-20-24 0	M Jun 29, 2020	-	
arker 1	2.411085		GHz PNO: Fast		ig: Free Ru	ın	Avg Typ Avg Hole		TRAC		Pe	ak Search
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EUT	Luna Diffuser	Model Name	AJ-ADA007
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with data rate 1 2462MHZ	Antenna	Horizontal

ΡK



#### AV



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Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with data rate 1 2462MHZ	Antenna	Vertical

ΡK



#### AV



## **RESULT: PASS**

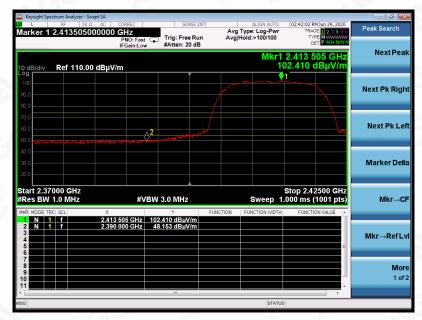
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EUT	Luna Diffuser	Model Name	AJ-ADA007
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11g with data rate 6 2412MHZ	Antenna	Horizontal

ΡK



#### AV

	Jun 29, 2020		ALIGN AUTO		SE:INT	SEN	ORREC	2 AC	F 50 \$	F	L
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## **RESULT: PASS**

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EUT	Luna Diffuser	Model Name	AJ-ADA007
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11g with data rate 6 2412MHZ	Antenna	Vertical

ΡK



#### AV

L	RF 50 2.410920	Ω AC	CORREC		SENS	E:INT	Ava	ALIGN AUTO		M Jun 29, 2020 CE <b>1 2 3 4 5 6</b>	Peak Search
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Res BW		X			0 MHz*		CTION	Sweep	1.000 ms (	2500 GHz 1001 pts)	Mkr⊸
1 N 1 2 N 1 3 4 5 6			920 GHz 000 GHz	<u>90.14</u> 37.63	15 dBµV/r 35 dBµV/r	n					Mkr→Refl
7 8 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10											<b>Мс</b> 1 с
11										•	

## **RESULT: PASS**

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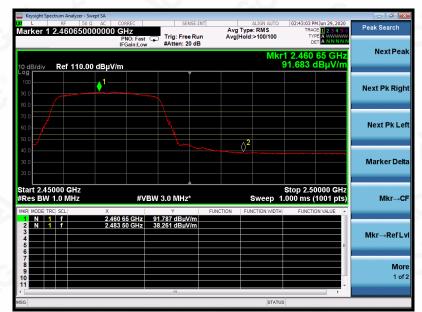
### Report No.: AGC00210200621FE05 Page 66 of 94

EUT	Luna Diffuser	Model Name	AJ-ADA007
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11g with data rate 6 2462MHZ	Antenna	Horizontal

ΡK



#### AV



## **RESULT: PASS**

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### Report No.: AGC00210200621FE05 Page 67 of 94

EUT	Luna Diffuser	Model Name	AJ-ADA007
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11g with data rate 6 2462MHZ	Antenna	Vertical

ΡK



#### AV



## **RESULT: PASS**

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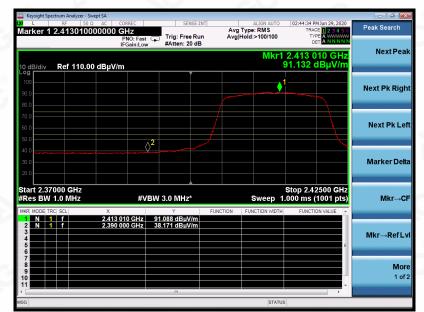
### Report No.: AGC00210200621FE05 Page 68 of 94

EUT	Luna Diffuser	Model Name	AJ-ADA007
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n 20 with data rate 6.5 2412MHZ	Antenna	Horizontal

ΡK



#### AV



## **RESULT: PASS**

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the Bedicated Pasting/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC the test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuer of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



### Report No.: AGC00210200621FE05 Page 69 of 94

EUT	Luna Diffuser	Model Name	AJ-ADA007
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n 20 with data rate 6.5 2412MHZ	Antenna	Vertical

ΡK



#### AV



## **RESULT: PASS**

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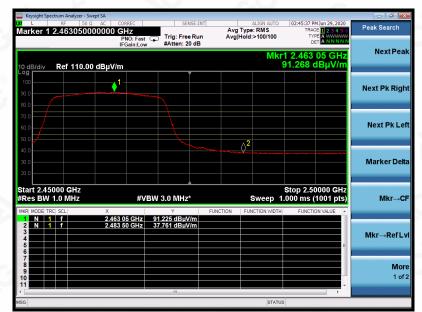
### Report No.: AGC00210200621FE05 Page 70 of 94

EUT	Luna Diffuser	Model Name	AJ-ADA007
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n 20 with data rate 6.5 2462MHZ	Antenna	Horizontal

ΡK



#### AV



# **RESULT: PASS**

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#### Report No.: AGC00210200621FE05 Page 71 of 94

EUT	Luna Diffuser	Model Name	AJ-ADA007
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n 20 with data rate 6.5 2462MHZ	Antenna	Vertical

ΡK



#### AV



# **RESULT: PASS**

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#### Report No.: AGC00210200621FE05 Page 72 of 94

EUT	Luna Diffuser	Model Name	AJ-ADA007
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n 40 with data rate 13.5 2422MHZ	Antenna	Horizontal

ΡK

Peak Search 0000 GH Avg Type: Log-Pw Avg|Hold:>100/100 Trig: Free Run #Atten: 20 dB PNO: Fast Next Pea Ref 110.00 dBµV/m Next Pk Right Next Pk Lef Marker Delt Start 2.37000 GHz #Res BW 1.0 MHz Stop 2.44500 GHz #VBW 3.0 MHz Mkr→C Sweep 2.420 250 GHz 2.390 000 GHz 99.223 dB Mkr→RefLv More 1 of 2

AV



# **RESULT: PASS**

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#### Report No.: AGC00210200621FE05 Page 73 of 94

EUT	Luna Diffuser	Model Name	AJ-ADA007
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n 40 with data rate 13.5 2422MHZ	Antenna	Vertical

ΡK



#### AV



## **RESULT: PASS**

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the Bedicated Pasting/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC the test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuer of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



### Report No.: AGC00210200621FE05 Page 74 of 94

EUT	Luna Diffuser	Model Name	AJ-ADA007
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n 40with data rate 13.5 2452MHZ	Antenna	Horizontal

ΡK



#### AV

Peak Search	1 Jun 29, 2020		ALIGN AUTO		:INT	SEN	RREC	AC C	50 Ω	RF	L
Feak Search	E 1 2 3 4 5 6 E A WWWW T A N N N N N	TY	: RMS :>100/100			Trig: Free	NO: Fast 🔾		504400	1 2.45	rker
NextPe	44 GHz	2.450			3B	#Atten: 20	Gain:Low				
	lBµV/m	37.152 (	<u> </u>					dBµV/n	f 110.00	Ret	dB/div
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Mkr→RefL					-			2.400		<u> </u>	
	E										
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			STATUS								_

## **RESULT: PASS**

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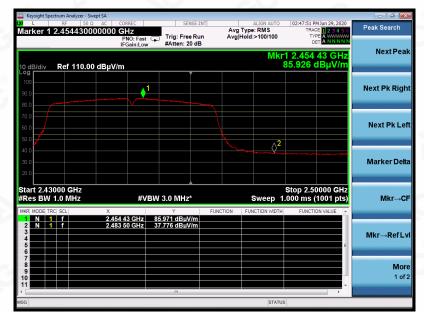
#### Report No.: AGC00210200621FE05 Page 75 of 94

EUT	Luna Diffuser	Model Name	AJ-ADA007
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n 40 with data rate 13.5 2452MHZ	Antenna	Vertical

ΡK



#### AV



# **RESULT: PASS**

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# **13. FCC LINE CONDUCTED EMISSION TEST**

# **13.1. LIMITS OF LINE CONDUCTED EMISSION TEST**

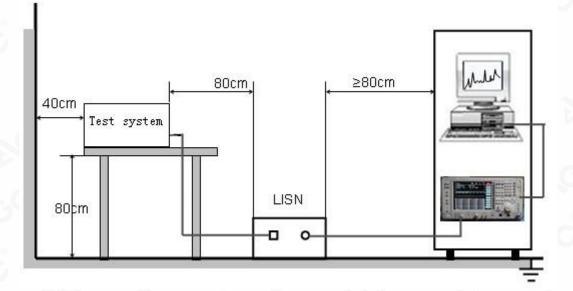
Franciscov	Maximum RF Line Voltage				
Frequency	Q.P.( dBuV)	Average( dBuV)			
150kHz-500kHz	66-56	56-46			
500kHz-5MHz	56	46			
5MHz-30MHz	60	50			

Note:

1. The lower limit shall apply at the transition frequency.

2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50MHz.

# **13.2. BLOCK DIAGRAM OF TEST SETUP**



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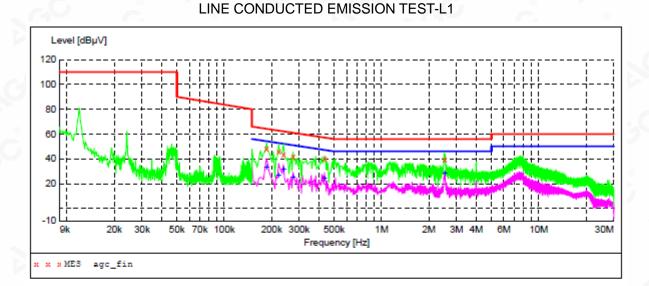


## **13.3. PROCEDURE OF LINE CONDUCTED EMISSION TEST**

- (1) The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.
- (2) Support equipment, if needed, was placed as per ANSI C63.10.
- (3) All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10.
- (4) The EUT received AC120V/60Hz power from a LISN.
- (5) The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
- (6) Analyzer / Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes.
- (7) During the above scans, the emissions were maximized by cable manipulation.
- (8) A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions.
- (9) Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. If EUT emission level was less –2dB to the A.V. limit in Peak mode, then the emission signal was re-checked using Q.P and Average detector.

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## 13.4. TEST RESULT OF LINE CONDUCTED EMISSION TEST

#### MEASUREMENT RESULT: "agc fin"

020/6/24 9:47 Frequency MHz		Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.186000 0.222000 0.238000 0.274000	48.40 46.20 44.00 42.00	9.3 9.3 9.3 9.3	64 63 62 61	15.8 16.5 18.2 19.0	QP .	L1 L1 L1 L1	FLO FLO FLO FLO
0.434000 2.526000	40.20 39.90	9.3 9.4	57 56	17.0	QP QP	L1 L1	FLO FLO

#### MEASUREMENT RESULT: "agc fin2"

2020/6/24 9:47 Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.186000	33.50	9.3	54	20.7	AV	L1	FLO
0.222000	26.90	9.3	53	25.8	AV	L1	FLO
0.238000	31.80	9.3	52	20.4	AV	L1	FLO
0.274000	25.20	9.3	51	25.8	AV	L1	FLO
0.434000	24.40	9.3	47	22.8	AV	L1	FLO
2.526000	28.50	9.4	46	17.5	AV	L1	FLO

## **RESULT: PASS**

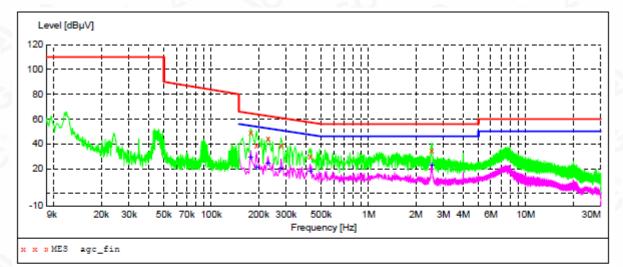
2

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## LINE CONDUCTED EMISSION TEST-N



#### MEASUREMENT RESULT: "agc fin"

#### 2020/6/24 9:26

2

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.178000 0.194000 0.230000	49.60 38.90 44.80	9.3 9.3 9.3	65 64 62	15.0 25.0 17.6	QP .	N N N	FLO FLO FLO
0.278000 0.426000 2.526000	39.20 30.30 34.80	9.3 9.3 9.4	61 57 56		QP .	N N N	FLO FLO FLO

#### MEASUREMENT RESULT: "agc fin2"

020/6/24 9:26 Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.178000	28.70	9.3	55	25.9	AV	N	FLO
0.194000	21.30	9.3	54	32.6	AV	N	FLO
0.230000	24.50	9.3	52	27.9	AV	N	FLO
0.278000	20.00	9.3	51	30.9	AV	N	FLO
0.426000	17.60	9.3	47	29.7	AV	N	FLO
2.526000	22.60	9.4	46	23.4	AV	N	FLO

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# APPENDIX A: PHOTOGRAPHS OF TEST SETUP FCC RADIATED EMISSION TEST SETUP BELOW 1GHZ



FCC RADIATED EMISSION TEST SETUP ABOVE 1GHZ



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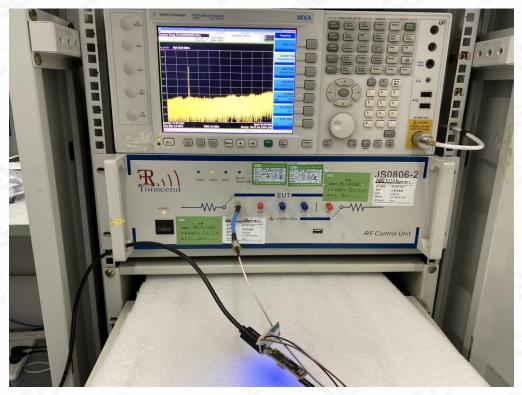


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FCC CONDUCTED EMISSION TEST SETUP

CONDUCTED TEST SETUP



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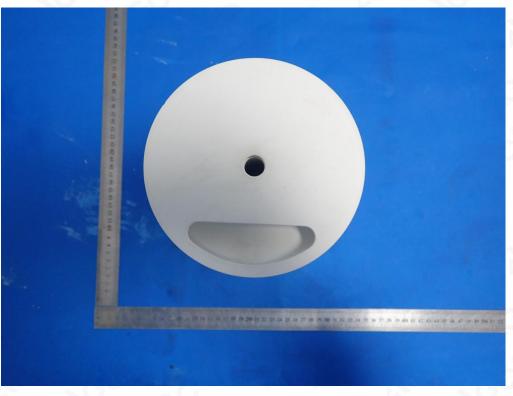


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# APPENDIX B: PHOTOGRAPHS OF EUT ALL VIEW OF EUT

TOP VIEW OF EUT

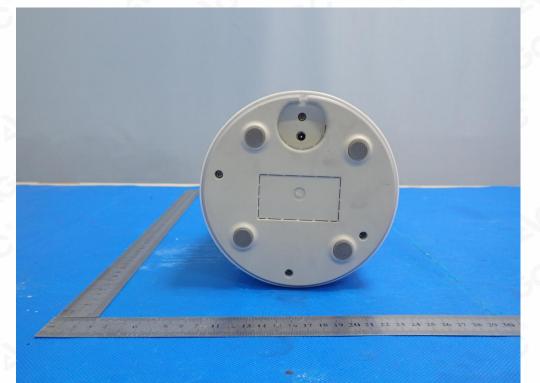


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## BOTTOM VIEW OF EUT



FRONT VIEW OF EUT



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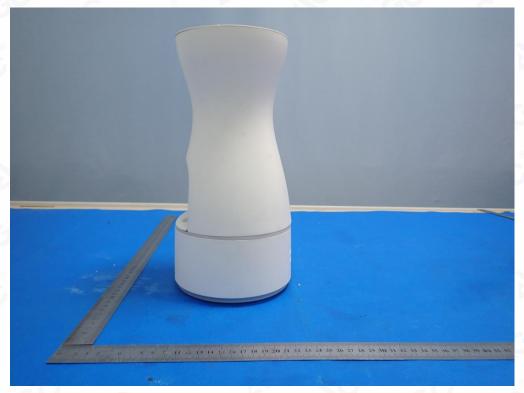


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# BACK VIEW OF EUT



## LEFT VIEW OF EUT

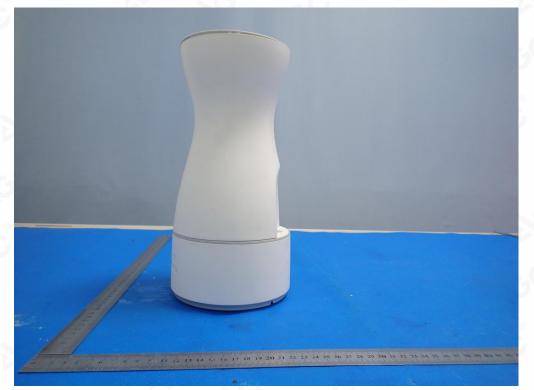


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## **RIGHT VIEW OF EUT**



## **OPEN VIEW OF EUT-1**



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