

FCC TEST REPORT

For

General Procurement, Inc

Hyundai Koral_7M4

Model No.: Koral_7M4

Prepared For : General Procurement, Inc

Address : 800 E Dyer Road, Santa Ana, California, United States 92705

Prepared By : Shenzhen Anbotek Compliance Laboratory Limited

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Report Number : SZAWW181107001-03

Date of Receipt : Nov. 07, 2018

Date of Test : Nov. 07~Dec. 12, 2018

Date of Report : Dec. 13, 2018



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TEST REPORT

Applicant : General Procurement, Inc

Manufacturer : Shen Zhen Cheng Fong Digital-Tech Limited

Product Name : Hyundai Koral 7M4

Model No. : Koral 7M4

Trade Mark : Hyundai

Rating(s) Input: DC 5V, 2A(Via adapter Input: AC 100~240V, 50/60Hz, Max: 0.35A;

with DC 3.7V, 2800mAh Battery inside)

Test Standard(s) : FCC Part15 Subpart C 2018, Section 15.247

Test Method(s) : ANSI C63.10: 2013, KDB558074 D01 DTS Meas Guidance v05

The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and Shenzhen Anbotek Compliance Laboratory Limited is assumed full of responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT (Equipment Under Test) is technically compliant with the FCC Part 15 Subpart C requirements.

This report applies to above tested sample only and shall not be reproduced in part without written approval of Shenzhen Anbotek Compliance Laboratory Limited.

Date of Test	110V. 07~Dec. 12, 2018
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Prepared by Anbotek	Anbotek Anbotek Anbotek Anbotek Anbotek
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Reviewer	Anbotek Anbo Shavy Anbotek Anbootek
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	(Supervisor / Snowy Meng)
	Sally Zhoung
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	Andrew Sally Zhoung
Approved & Authorized Signer	notek Anbore Ann tek abotek Anbo.
Anbo ak hotek Anboten	(Manager / Sally Zhang)
	(Manager, Surry Entirity)



1. General Information

1.1. Client Information

Applicant		General Procurement, Inc
Address		800 E Dyer Road , Santa Ana, California, United States 92705
Manufacturer	:	Shen Zhen Cheng Fong Digital-Tech Limited
Address	:	Building A, ChengFong Industrial Area, Huaxing road, Dalang, Longhua, Shen Zhen, China
Factory		Shen Zhen Cheng Fong Digital-Tech Limited
Address	:	Building A, ChengFong Industrial Area, Huaxing road, Dalang, Longhua, Shen Zhen, China

1.2. Description of Device (EUT)

Y	Product Name	:	Hyundai Koral_7M4	abotek Anbotek Anbotek Anbotek Anbo
30	Model No.	:	Koral_7M4	Anbotek Anbotek Anbotek Anbotek Ar
X	Trade Mark	:	Hyundai	Anbotes Anbotek Anbotek Anbotek
	Test Power Supply	:	AC 240V, 60Hz for adapt	er/ AC 120V, 60Hz for adapter/ DC 3.7V Battery inside
4	Test Sample No.	:	S1(Normal Sample), S2(E	Engineering Sample)
0			Operation Frequency:	802.11b/ g/ n(HT20) 2412-2462MHz
1			Number of Channel:	11 Channels for 802.11b/ g/ n(HT20)
	Product Description	:	Modulation Type:	802.11b CCK; 802.11g/n OFDM
6		Antenna Type:	Antenna Type:	PIFA Antenna
3)			Antenna Gain(Peak):	2.5 dBi
O	101		MO. Do.	, n

Remark: 1) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

2) This report is for Wifi 2.4G module.

1.3. Auxiliary Equipment Used During Test

Adapter	:	Manufacturer: Shenzhen Jihongda Power Co., Ltd.	Arr.
		M/N: JHD-AP013U-050200BB-B	0/0
		Input: 100-240V~ 50/60Hz, 0.35A	
		Output: DC 5V, 2000mA	



1.4. Description of Test Modes

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

RADIATED EMISSION TEST (BELOW 1GHz):

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and antenna ports (if EUT with antenna diversity architecture).

Following channel(s) was (were) selected for the final test as listed below.

Mode	Available Channel	Test Channel Modulation Tech.		Modulation Type	Data Rate (Mbps)
802.11b	1 to 11	k Nupor	CCK	DBPSK	1.0

For the test results, only the worst case was shown in test report.

RADIATED EMISSION TEST (ABOVE 1GHz):

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and antenna ports (if EUT with antenna diversity architecture).

Following channel(s) was (were) selected for the final test as listed below.

Mode	Available Channel	Test Channel	Modulation Tech.	Modulation Type	Data Rate (Mbps)
802.11b	1 to 11	1, 6, 11	CCK	DBPSK	otek 1.0 Anbo
802.11g	1 to 11	1, 6, 11	OFDM	BPSK	6.0
802.11n HT20	1 to 11	1, 6, 11	OFDM	BPSK	6.5

POWER LINE CONDUCTED EMISSION TEST:

The EUT was tested with the following mode

EUT configure mode	Test Mode				
And tek spotek	Keeping TX mode				

BANDEDGE MEASUREMENT:

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

Following channel(s) was (were) selected for the final test as listed below.

Mode	Available Channel Test Channel Modulation Tech.		Modulation Type	Data Rate (Mbps)	
802.11b	1 to 11	1, 11	CCK	DBPSK	1.0
802.11g	1 to 11	1, 11	OFDM	BPSK	6.0
802.11n HT20	nbotek 1 to 11 mbo	1, 11 botek	OFDM	BPSK	6.5



ANTENNA PORT CONDUCTED MEASUREMENT:

This item includes all test value of each mode, but only includes spectrum plot of worst value of each mode.

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

Following channel(s) was (were) selected for the final test as listed below.

Mode	Available Channel	Test Channel	Modulation Tech.	Modulation Type	Data Rate (Mbps)
802.11b	1 to 11	1, 6, 11	CCK	DBPSK	1.0
802.11g	1 to 11	1, 6, 11 page	OFDM	BPSK	6.0
802.11n HT20	1 to 11	1, 6, 11	OFDM	BPSK	6.5

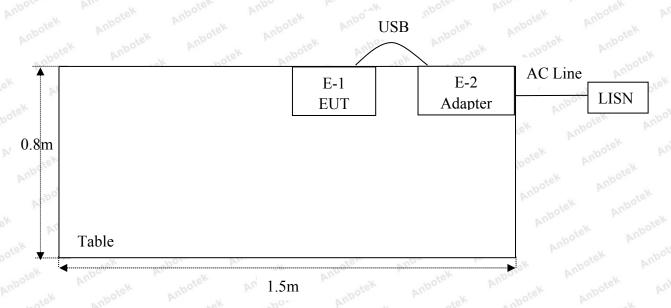
1.5. List of channels

no"	57.	1	81.	100	V -010	V11.	
Channel	Freq.	Channel	Freq.	Channel	Freq.	Channel	Freq.
	(MHz)		(MHz)		(MHz)		(MHz)
note 101	2412	04	2427	07	2442	poter 10 Ar	2457
02	2417	05	2432	08	2447	I Podna	2462
And 03	2422	06	2437	09	2452		

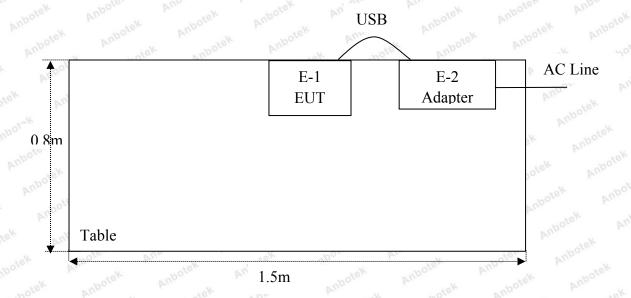


1.6. Description Of Test Setup

CE



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1.7. Test Equipment List

175	-V	V _{Ur}	100°	P.,	Vie.	C.
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
otek 1. nbotek	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	Nov. 05, 2018	1 Year
2.00	EMI Test Receiver	Rohde & Schwarz	ESPI3	101604	Nov. 05, 2018	1 Year
3.	RF Switching Unit	Compliance Direction	RSU-M2	38303	Nov. 05, 2018	1 Year
4.	Spectrum Analysis	Agilent	E4407B	US39390582	Nov. 05, 2018	1 Year
stek 5.	MAX Spectrum Analysis	Agilent	N9020A	MY51170037	Nov. 05, 2018	1 Year
6.	Preamplifier	SKET Electronic	BK1G18G30D	KD17503	Nov. 05, 2018	1 Year
Anbox 7.	Double Ridged Horn Antenna	Instruments corporation	GTH-0118	351600	Nov. 19, 2018	1 Year
8.	Bilog Broadband Antenna	Schwarzbeck	VULB9163	VULB 9163-289	Nov. 19, 2018	1 Year
9.	Loop Antenna	Schwarzbeck	FMZB1519B	00053	Nov. 19, 2018	1 Year
10.	Horn Antenna	A-INFO	LB-180400-KF	J211060628	Nov. 20, 2018	1 Year
AT.	Pre-amplifier	SONOMA	310N	186860	Nov. 05, 2018	1 Year
12.	EMI Test Software EZ-EMC	SHURPLE	N/A Moot	N/A	N/A	N/A
13.	RF Test Control System	YIHENG	YH3000	2017430	Nov. 05, 2018	1 Year
14.	Power Sensor	DAER	RPR3006W	15I00041SN045	Nov. 05, 2018	1 Year
15.	Power Sensor	DAER	RPR3006W	15I00041SN046	Nov. 05, 2018	1 Year
16.	MXA Spectrum Analysis	Agilent	N9020A	MY51170037	Nov. 05, 2018	1 Year
17.	MXG RF Vector Signal Generator	Agilent	N5182A	MY48180656	Nov. 05, 2018	1 Year
18.	Signal Generator	Agilent	E4421B	MY41000743	Nov. 05, 2018	1 Year
19.	DC Power Supply	IVYTECH	IV3605	1804D360510	Apr. 02, 2018	1 Year
20.	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ-KHWS80B	N/A	Nov. 01, 2018	1 Year

1.8. Description of Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

FCC-Registration No.: 184111

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registed and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No. 184111, July 31, 2017.

ISED-Registration No.: 8058A-1

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (ISED) Innovation, Science and Economic Development Canada. The acceptance letter from the ISED is maintained in our files. Registration 8058A-1, June 13, 2016.

Test Location

Shenzhen Anbotek Compliance Laboratory Limited.

1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.518102



2. Summary of Test Results

Test Item	Result
Antenna Requirement	PASS
Conducted Emission	PASS
Spurious Emission	PASS
Conducted Peak Output Power	PASS
6dB Occupied Bandwidth	PASS
Power Spectral Density	PASS
Band Edge	PASS
	Antenna Requirement Conducted Emission Spurious Emission Conducted Peak Output Power 6dB Occupied Bandwidth Power Spectral Density

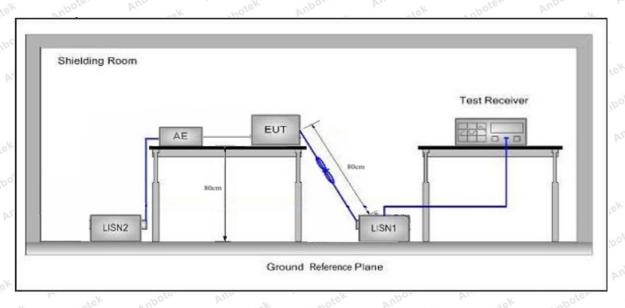


3. Conducted Emission Test

3.1. Test Standard and Limit

	Γ	Maximum RF	Line Voltage (dBuV)
	Frequency	Quasi-peak Level	Average Level
Γest Limit	150kHz~500kHz	66 ~ 56 *	56 ~ 46 *
	500kHz~5MHz	Anbore 56	46
	5MHz~30MHz	60	50 both

3.2. Test Setup



3.3. Test Procedure

The EUT system is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to FCC ANSI C63.10-2013 on Conducted Emission Measurement.

The bandwidth of test receiver (ESCI) set at 9kHz.

The frequency range from 150kHz to 30MHz is checked.

3.4. Test Data

Please to see the following pages.

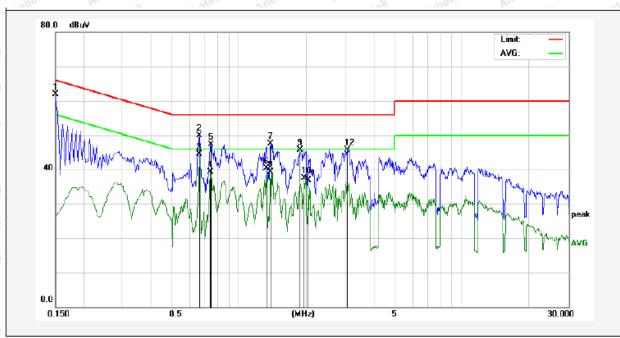


Test Site: 1# Shielded Room

Operating Condition: Keeping TX+ Charging Mode
Test Specification: AC 240V, 60Hz for adapter

Comment: Live Line

Tem.: 24.2°C Hum.: 47%



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit dBuV	Over Limit (dB)	Detector	Remark
1	0.1500	41.96	19.90	61.86	65.99	-4.13	QP	
2	0.6620	29.80	20.03	49.83	56.00	-6.17	QP	
3	0.6620	24.48	20.03	44.51	46.00	-1.49	AVG	
4	0.7460	19.22	20.05	39.27	46.00	-6.73	AVG	
5	0.7500	27.24	20.05	47.29	56.00	-8.71	QP	
6	1.3300	20.17	20.13	40.30	46.00	-5.70	AVG	
7	1.3860	27.34	20.13	47.47	56.00	-8.53	QP	
8	1.3860	19.09	20.13	39.22	46.00	-6.78	AVG	
9	1.8700	25.63	20.14	45.77	56.00	-10.23	QP	
10	1.9660	17.38	20.14	37.52	46.00	-8.48	AVG	
11	2.0500	16.77	20.14	36.91	46.00	-9.09	AVG	
12	3.0700	25.58	20.16	45.74	56.00	-10.26	QP	

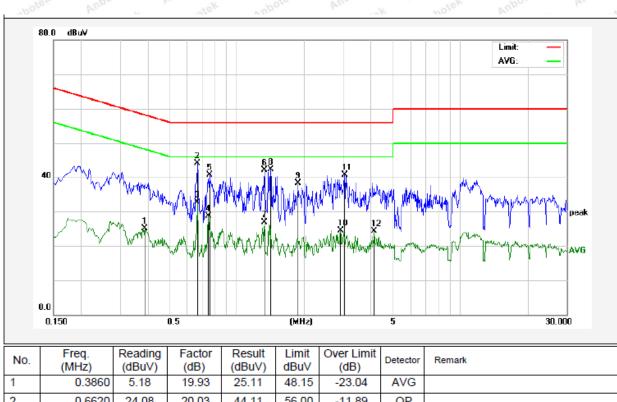


Test Site: 1# Shielded Room

Operating Condition: Keeping TX+ Charging Mode Test Specification: AC 240V, 60Hz for adapter

Comment: Neutral Line

Tem.: 24.2°C Hum.: 47%



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit dBuV	Over Limit (dB)	Detector	Remark
1	0.3860	5.18	19.93	25.11	48.15	-23.04	AVG	
2	0.6620	24.08	20.03	44.11	56.00	-11.89	QP	
3	0.6620	12.59	20.03	32.62	46.00	-13.38	AVG	
4	0.7460	8.65	20.05	28.70	46.00	-17.30	AVG	
5	0.7539	20.73	20.05	40.78	56.00	-15.22	QP	
6	1.3300	22.00	20.13	42.13	56.00	-13.87	QP	
7	1.3300	6.84	20.13	26.97	46.00	-19.03	AVG	
8	1.4140	22.26	20.13	42.39	56.00	-13.61	QP	
9	1.8780	18.24	20.14	38.38	56.00	-17.62	QP	
10	2.9020	4.34	20.16	24.50	46.00	-21.50	AVG	
11	3.0260	20.50	20.16	40.66	56.00	-15.34	QP	
12	4.1140	4.15	20.18	24.33	46.00	-21.67	AVG	

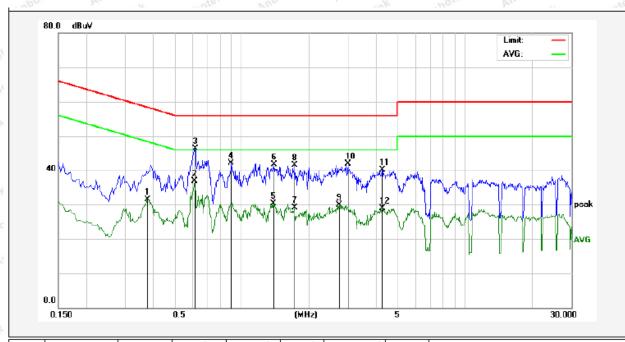


Test Site: 1# Shielded Room

Operating Condition: Keeping TX+ Charging Mode
Test Specification: AC 120V, 60Hz for adapter

Comment: Live Line

Tem.: 24.2°C Hum.: 47%



	No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit dBuV	Over Limit (dB)	Detector	Remark
	1	0.3780	11.63	19.93	31.56	48.32	-16.76	AVG	
	2	0.6140	16.93	20.01	36.94	46.00	-9.06	AVG	
	3	0.6180	26.33	20.02	46.35	56.00	-9.65	QP	
	4	0.8980	22.02	20.09	42.11	56.00	-13.89	QP	
ſ	5	1.3860	10.12	20.13	30.25	46.00	-15.75	AVG	
ſ	6	1.3980	21.59	20.13	41.72	56.00	-14.28	QP	
	7	1.7180	8.90	20.13	29.03	46.00	-16.97	AVG	
	8	1.7260	21.34	20.13	41.47	56.00	-14.53	QP	
	9	2.7260	9.85	20.15	30.00	46.00	-16.00	AVG	
	10	2.9860	21.66	20.16	41.82	56.00	-14.18	QP	
	11	4.2540	19.86	20.19	40.05	56.00	-15.95	QP	
	12	4.2540	8.67	20.19	28.86	46.00	-17.14	AVG	

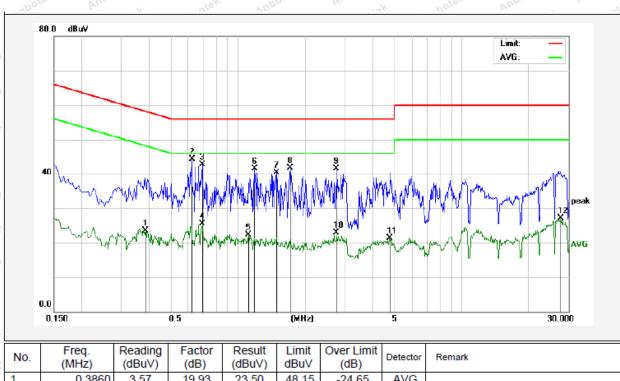


Test Site: 1# Shielded Room

Operating Condition: Keeping TX+ Charging Mode
Test Specification: AC 120V, 60Hz for adapter

Comment: Neutral Line

Tem.: 24.2°C Hum.: 47%



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit dBuV	Over Limit (dB)	Detector	Remark
1	0.3860	3.57	19.93	23.50	48.15	-24.65	AVG	
2	0.6220	24.28	20.02	44.30	56.00	-11.70	QP	
3	0.6900	22.68	20.04	42.72	56.00	-13.28	QP	
4	0.6900	5.55	20.04	25.59	46.00	-20.41	AVG	
5	1.1140	2.27	20.12	22.39	46.00	-23.61	AVG	
6	1.1860	21.30	20.12	41.42	56.00	-14.58	QP	
7	1.4819	20.09	20.13	40.22	56.00	-15.78	QP	
8	1.7100	21.56	20.13	41.69	56.00	-14.31	QP	
9	2.7540	21.45	20.15	41.60	56.00	-14.40	QP	
10	2.7540	2.74	20.15	22.89	46.00	-23.11	AVG	
11	4.7260	1.18	20.20	21.38	46.00	-24.62	AVG	
12	27.6820	6.88	20.27	27.15	50.00	-22.85	AVG	



4. Radiation Spurious Emission and Band Edge

4.1. Test Standard and Limit

Test Standard	FCC Part15 C Section 15.	209 and 15.205	Andhotek	Anbotek A	rupo, tek
F	Frequency (MHz)	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)
	0.009MHz~0.490MHz	2400/F(kHz)	obotek - Anbo	o Pur	300
2	0.490MHz-1.705MHz	24000/F(kHz)	Aupotek Ar	pore Aur	30 And
9	1.705MHz-30MHz	30	Anbatek	Aupore P	30
Test Limit	30MHz~88MHz	100	40.0	Quasi-peak	3.ek
	88MHz~216MHz	150	43.5	Quasi-peak	3 _{botek}
	216MHz~960MHz	200	46.0	Quasi-peak	3 potek
A	960MHz~1000MHz	500	54.0	Quasi-peak	otek 3 nbo
	Above 1000MHz	500	54.0	Average	3
	Above ToutiviHZ	botek - Anbot	74.0	Peak	3 ×

Remark:

- (1) The lower limit shall apply at the transition frequency.
- (2) 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.

4.2. Test Setup

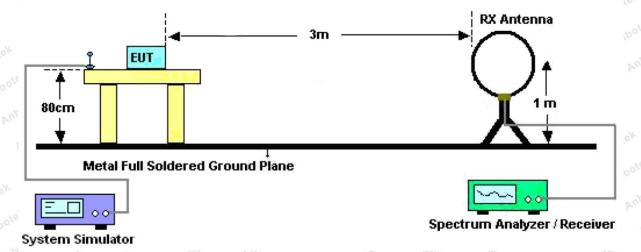


Figure 1. Below 30MHz

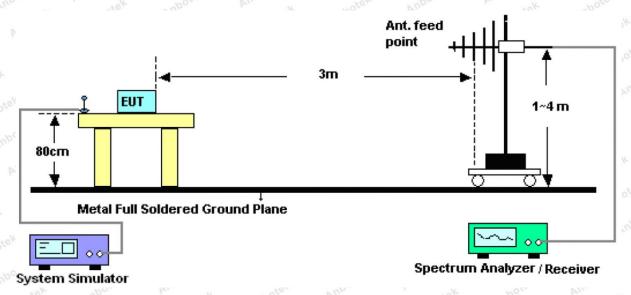


Figure 2. 30MHz to 1GHz

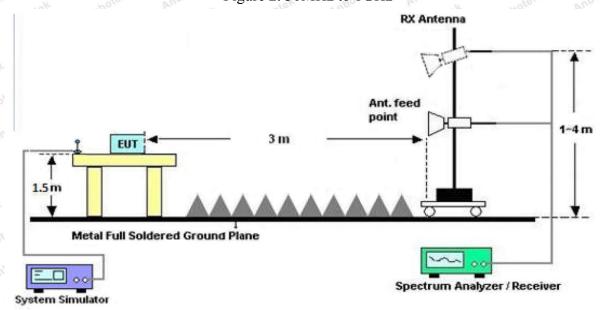


Figure 3. Above 1 GHz

4.3. Test Procedure

For below 1GHz: The EUT is placed on a turntable, which is 0.8m above the ground plane.

For above 1GHz: The EUT is placed on a turntable, which is 1.5m above the ground plane.

The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna which is mounted on a antenna tower. The antenna can be moved up and down from 1 to 4 meters to find out the maximum emission level. Rotated the EUT through three orthogonal axes to determine the maximum emissions, both horizontal and vertical polarization of the antenna are set on test. The EUT is tested in 9*6*6 Chamber. The device is evaluated in xyz orientation.

For the radiated emission test above 1GHz:

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.

For 9kHz to 150kHz, Set the spectrum analyzer as:

RBW = 200Hz, VBW = 1kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

For 150kHz to 30MHz, Set the spectrum analyzer as:

RBW = 9KHz, VBW = 30kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

For 30MHz to 1000MHz, Set the spectrum analyzer as:

RBW = 100kHz, VBW =300kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

For above 1GHz,Set the spectrum analyzer as:

RBW =1MHz, VBW =1MHz, Detector= Peak, Trace mode= Max hold, Sweep- auto couple.

RBW =1MHz, VBW =10Hz, Detector= Average, Trace mode= Max hold, Sweep- auto couple.

4.4. Test Data

PASS

During the test, Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the X-axis is the worst case.

The test results of 9kHz-30MHz was attenuated more than 20dB below the permissible limits, so the results don't record in the report.

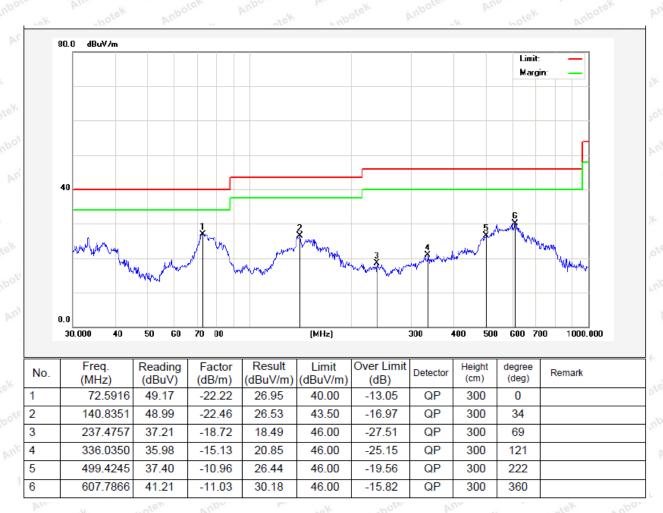


Test Results (30~1000MHz)

Job No.: SZAWW181107001-01 Temp.(°C)/Hum.(%RH): 24.5°C/53%RH

Standard: FCC PART 15C Power Source: DC 3.7V Battery inside

Test Mode: Keeping TX Mode Polarization: Horizontal



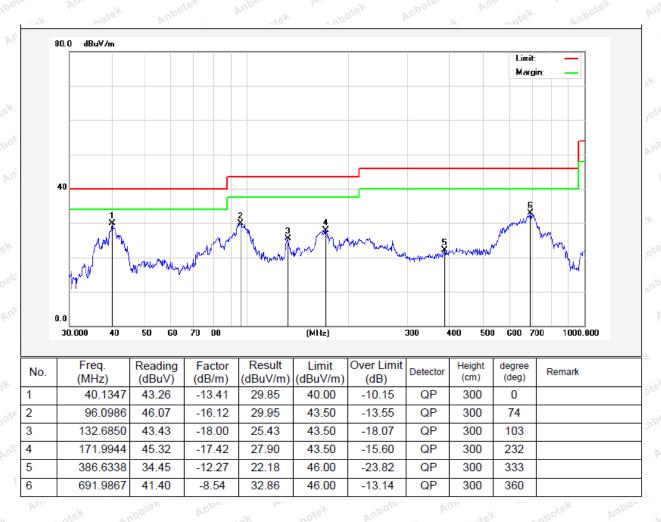


Test Results (30~1000MHz)

Job No.: SZAWW181107001-01 Temp.(°C)/Hum.(%RH): 24.5°C/53%RH

Standard: FCC PART 15C Power Source: DC 3.7V Battery inside

Test Mode: Keeping TX Mode Polarization: Vertical





Test Results (Above 1000MHz)

Test Mode:	802.11b Mod	e		Test	channel: Low	est		
				Peak Value				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
4824.00	40.07	34.13	6.61	34.09	46.72	74.00	-27.28	boten V
7236.00	34.08	37.14	7.74	34.51	44.45	74.00	-29.55	AupV
9648.00	32.61	39.35	9.26	34.80	46.42	74.00	-27.58	V
12060.00	tek * Anb	otek b	Upor b	motek	Anbotek	74.00	nbotek	V
14472.00	notek*	nbotek	Aupore	Anabotek	Anbotek	74.00	k Anbot	V
16884.00	**	Anbotek	Aupor	s nbo	cek Anbot	74.00	stek an	oo ^{tek} V
4824.00	38.77	34.13	6.61	34.09	45.42	74.00	-28.58	AnbHek
7236.00	33.84	37.14	7.74	34.51	44.21	74.00	-29.79	_A H ^{ot}
9648.00	32.20	39.35	9.26	34.80	46.01	74.00	-27.99	Han
12060.00	*	obotek	Anboten	Ann	Anbotek	74.00	e abot	ъ№ Н
14472.00	*	Anbotek	Anbote	And	ek Anboke	74.00	Fek al	o ^{tel} H
16884.00	*	Anbotek	Anbore	Pur Pur	lotek Ant	74.00	otek Air	Hodo.
10%	700		A	verage Valu	ie		~0°	200
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
4824.00	29.17	34.13	6.61	34.09	35.82	54.00	-18.18	ote*V
7236.00	22.95	37.14	7.74	34.51	33.32	54.00	-20.68	V
9648.00	22.96	39.35	9.26	34.80	36.77	54.00	-17.23	V
12060.00	***************************************	ek by	ootek Ar	poler	Anbo botek	54.00	Anboten	V
14472.00	* 4700	otek Ai		Aupoton	Ambo	54.00	Anbore	V
16884.00	*	por	Anbotek	Anboten	K Anb	54.00	Anbots	N V
4824.00	28.32	34.13	6.61	34.09	34.97	54.00	-19.03	Н
7236.00	22.43	37.14	7.74	34.51	32.80	54.00	-21.20	Hee
9648.00	21.95	39.35	9.26	34.80	35.76	54.00	-18.24	Anbo
12060.00	* 4000	rek Yu	nbotek	Anbotek	Anbor	54.00	Anboten	H
14472.00	otek * An	pole.	nbotek	Anbotek	Anbo	54.00	Anbote	H
16884.00	nbotek	Anbore	All notek	Anbote	Aupo	54.00	rek Pup.	Н



Test Results (Above 1000MHz)

Test Mode:	802.11b Mod	e		Test	channel: Mide	dle		
				Peak Value				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol
4874.00	39.16	34.35	6.67	34.09	46.09	74.00	-27.91	botek V
7311.00	34.17	37.21	7.77	34.53	44.62	74.00	-29.38	AnbV
9748.00	33.65	39.45	9.33	34.80	47.63	74.00	-26.37	V
12185.00	tek * Anb	otek p	upote, b	no nbotek	Anbotek	74.00	An abotek	V
14622.00	**	nbotek	Anboten	Ambotek	Anbotek	74.00	k nboi	e ^k V
17059.00	**K	Anbotek	Aupor	Anabol	ek Anbot	74.00	stek ko	oteV
4874.00	39.67	34.35	6.67	34.09	46.60	74.00	-27.40	Hdna
7311.00	32.83	37.21	7.77	34.53	43.28	74.00	-30.72	Н
9748.00	33.54	39.45	9.33	34.80	47.52	74.00	-26.48	Н
12185.00	*	botek	Anboles	Anbe	Anbotek	74.00	Aug Post	№ Н
14622.00	*	anbotek	Anboten	Ann	K Anbore	74.00	eek w	o ^{tel} H
17059.00	And * tek	Anbotek	Anbote	Y Dur	otek Ant	74.00	rek k	Hodo
		12.	A	verage Valu	e	Nr.	- 05	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol
4874.00	30.03	34.35	6.67	34.09	36.96	54.00	-17.04	, tek V
7311.00	22.49	37.21	7.77	34.53	32.94	54.00	-21.06	V
9748.00	22.90	39.45	9.33	34.80	36.88	54.00	-17.12	V
12185.00	*	ek bun	ootek Ar	potek	inpo.	54.00	Anboton	V
14622.00	* Anbo	* SK Vu	abotek	Anbotek	Anbo	54.00	Anboten	V
17059.00	potek * An	born	anbotek .	Anbotek	Anbo	54.00	Anbote	V
4874.00	29.79	34.35	6.67	34.09	36.72	54.00	-17.28	Н
7311.00	21.92	37.21	7.77	34.53	32.37	54.00	-21.63	H
9748.00	23.26	39.45	9.33	34.80	37.24	54.00	-16.76	Anbo H
12185.00	* Anbot	V. V.	notek	Anbotek	Anbore	54.00	Anbotek	Ĥ
14622.00	otek * An	DOLE.	abotek .	Anbotek	Anbore	54.00	Anboto	Н
17059.00	abotek	Anbore, tek	Pur	Anbote	Aupor	54.00	10. 4.	Н



Test Results (Above 1000MHz)

Test Mode:	802.11b Mod	e	15.5	Test	channel: High	iest		
				Peak Value				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
4924.00	44.56	34.57	6.74	34.09	51.78	74.00	-22.22	boteV
7386.00	34.76	37.29	7.80	34.55	45.30	74.00	-28.70	AnbVek
9848.00	36.88	39.55	9.41	34.81	51.03	74.00	-22.97	Voot
12310.00	*	otek A	obotek P	'upor	Abotek .	74.00	Aupo	V
14772.00	*	notek.	Anbotek	Vupor rek	An abotek	74.00	Anbo	e ^V V
17234.00	nbote * P	in solek	Anbotek	Anbor	ek spot	74.00	Anbo	V
4924.00	43.91	34.57	6.74	34.09	51.13	74.00	-22.87	HK
7386.00	33.69	37.29	7.80	34.55	44.23	74.00	-29.77	Anbou
9848.00	33.06	39.55	9.41	34.81	47.21	74.00	-26.79	H
12310.00	tek * Anb	yes A	lon lek	anbotek	Anbote	74.00	Anbotek	$H_{YU_{L}}$
14772.00	hotek *	obotell	Anbountek	nbotek	Anbote	74.00	Anbott	Н
17234.00	**	Anbotek	Aupo	nbot	K Aupore	74.00	tek vul	o ^{tek} H
		N.	A	verage Valu	e		100	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
4924.00	35.50	34.57	6.74	34.09	42.72	54.00	-11.28	V
7386.00	24.68	37.29	7.80	34.55	35.22	54.00	-18.78	ateV V
9848.00	25.39	39.55	9.41	34.81	39.54	54.00	-14.46	V
12310.00	*	Anbe	ek nbo'	iek Wur	Or Viv	54.00	botek	V,el
14772.00	*	Aup	otek or	potek	inpose b	54.00	Anbotek	V
17234.00	ek * Anbo	e, Vu	atek K	Anbotek	Anboter	54.00	Anbotek	Vnbs
4924.00	34.29	34.57	6.74	34.09	41.51	54.00	-12.49	Н Р
7386.00	23.08	37.29	7.80	34.55	33.62	54.00	-20.38	o ^{tek} H
9848.00	22.33	39.55	9.41	34.81	36.48	54.00	-17.52	$\dot{\mathbf{H}}^{odn}$
12310.00	* * notek	Anbot	Sk Vupo,	rek by.	obotek A	54.00	-otek	Hrek
14772.00	*	ek Anl	otek An	bor b	abotek	54.00	Anna	Habo
17234.00	*	otek	unbotek	Anbor	Anbotek	54.00	And	Н

Remark:

- 1. During the test, pre-scan the 802.11b, g, n(HT20N) mode, and found the 802.11b mode is worse case, the report only record this mode.
- 2. Level = Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 3. "*", means this data is the too weak instrument of signal is unable to test.



Radiated Band Edge:

Test Mode:	802.11b Mod	e		Test	channel: Low	est		
				Peak Value				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
2390.00	52.15	29.15	3.41	34.01	50.70	74.00	-23.30	poteK
2400.00	61.33	29.16	3.43	34.01	59.91	74.00	-14.09	AnbHek
2390.00	53.87	29.15	3.41	34.01	52.42	74.00	-21.58	Voote
2400.00	63.26	29.16	3.43	34.01	61.84	74.00	-12.16	VAND
			A	verage Valu	e			
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
2390.00	38.77	29.15	3.41	34.01	37.32	54.00	-16.68	Hote
2400.00	47.12	29.16	3.43	34.01	45.70	54.00	-8.30	H
2390.00	40.63	29.15	3.41	34.01	39.18	54.00	-14.82	V
2400.00	48.28	29.16	3.43	34.01	46.86	54.00	-7.14	ote V

Test Mode.	802.11b Mod				channel: High			
				Peak Value				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
2483.50	53.02	29.28	3.53	34.03	51.80	74.00	-22.20	$_{nb}$ o \mathbf{H}^{k}
2500.00	48.69	29.30	3.56	34.03	47.52	74.00	-26.48	Ar Hote
2483.50	55.38	29.28	3.53	34.03	54.16	74.00	-19.84	Vn
2500.00	51.29	29.30	3.56	34.03	50.12	74.00	-23.88	· V
			A	verage Valu	ie			
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
2483.50	39.21	29.28	3.53	34.03	37.99	54.00	-16.01	H
2500.00	35.21	29.30	3.56	34.03	34.04	54.00	-19.96	Н
2483.50	41.20	29.28	3.53	34.03	39.98	54.00	-14.02	vek V
2500.00	37.12	29.30	3.56	34.03	35.95	54.00	-18.05	V

Remark:

1. Level =Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor



Radiated Band Edge:

Test Mode:	802.11g Mode	e		Test	channel: Low	est		
			1	Peak Value				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
2390.00	51.31	27.53	5.47	33.92	50.39	74.00	-23.61	botek H
2400.00	60.21	27.55	5.49	29.93	63.32	74.00	-10.68	AnbHek
2390.00	52.97	27.53	5.47	33.92	52.05	74.00	-21.95	Voot
2400.00	61.92	27.55	5.49	29.93	65.03	74.00	-8.97	V
			A	verage Valu	e		233	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.
2390.00	38.17	27.53	5.47	33.92	37.25	54.00	-16.75	Hote
2400.00	46.43	27.55	5.49	29.93	49.54	54.00	-4.46	Н
2390.00	39.96	27.53	5.47	33.92	39.04	54.00	-14.96	V
2400.00	47.53	27.55	5.49	29.93	50.64	54.00	-3.36	ate V

Test Mode: 8	302.11g Mode			Tes	t channel: Highe	est					
				Peak Value	;						
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.			
2483.50	51.82	29.28	3.53	34.03	50.60	74.00	-23.40	nboH ^k			
2500.00	47.76	29.30	3.56	34.03	46.59	74.00	-27.41	Hotel			
2483.50	54.01	29.28	3.53	34.03	52.79	74.00	-21.21	V			
2500.00	50.21	29.30	3.56	34.03	49.04	74.00	-24.96	V			
			A	verage Val	ue	1.01					
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.			
2483.50	38.48	29.28	3.53	34.03	37.26	54.00	-16.74	Anb H			
2500.00	34.65	29.30	3.56	34.03	33.48	54.00	-20.52	H			
2483.50	40.40	29.28	3.53	34.03	39.18	54.00	-14.82	V			
2500.00	36.52	29.30	3.56	34.03	35.35	54.00	-18.65	V			
00-	- 16	~070	2.11		10/2 1/91	120		168			

Remark:

1. Level =Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor



Radiated Band Edge:

Test Mode:	802.11n20 M	ode		Test	Test channel: Lowest					
				Peak Value						
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.		
2390.00	50.79	27.53	5.47	33.92	49.87	74.00	-24.13	botek H		
2400.00	59.51	27.55	5.49	29.93	62.62	74.00	-11.38	AnbHek		
2390.00	52.41	27.53	5.47	33.92	51.49	74.00	-22.51	Voot		
2400.00	61.08	27.55	5.49	29.93	64.19	74.00	-9.81	VAN		
			A	verage Valu	e					
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.		
2390.00	37.80	27.53	5.47	33.92	36.88	54.00	-17.12	Hote		
2400.00	46.00	27.55	5.49	29.93	49.11	54.00	-4.89	H		
2390.00	39.55	27.53	5.47	33.92	38.63	54.00	-15.37	v V		
2400.00	47.06	27.55	5.49	29.93	50.17	54.00	-3.83	oteVV		

Test Mode: 8	302.11n20 Mod	de		Tes	Test channel: Highest				
				Peak Value	÷				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.	
2483.50	51.08	29.28	3.53	34.03	49.86	74.00	-24.14	nboH ^k	
2500.00	47.18	29.30	3.56	34.03	46.01	74.00	-27.99	Hotel	
2483.50	53.16	29.28	3.53	34.03	51.94	74.00	-22.06	V	
2500.00	49.53	29.30	3.56	34.03	48.36	74.00	-25.64	V N	
			A	verage Val	ue				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Pol.	
2483.50	38.03	29.28	3.53	34.03	36.81	54.00	-17.19	Anb	
2500.00	34.30	29.30	3.56	34.03	33.13	54.00	-20.87	H	
2483.50	39.90	29.28	3.53	34.03	38.68	54.00	-15.32	V	
2500.00	36.14	29.30	3.56	34.03	34.97	54.00	-19.03	V	
(U)	1/0.	Nor	Dell'		101 101		AL.	1-010	

Remark:

1. Level =Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor

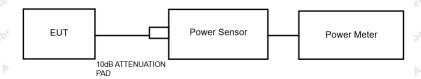


5. Maximum Peak Output Power Test

5.1. Test Standard and Limit

Test Standard	FCC Part15	C Section 15.2	47 (b)(3)	Andwork	Anbotek	Anbor	Vi.
Test Limit	30dBm	A. anbotek	Anbore.	And	Anbotek	Anbor	k b

5.2. Test Setup



5.3. Test Procedure

- 1. The Transmitter output (antenna port) was connected to the power meter.
- 2. Turn on the EUT and power meter and then record the power value.
- 3. Repeat above procedures on all channels needed to be tested.

Note: The cable loss and attenuator loss were offset into measure device as amplitude offset.

5.4. Test Data

V-	Test Item	:	Max. peak output power	Test Mode :	CH Low ~ CH High
o	Test Voltage	:	DC 3.7V Battery inside	Temperature :	24°C
į.	Test Result	:	PASS	Humidity :	55%RH



Test Channel Frequency (MHz)		Maximum Peak Conducted Output Power (PK) (dBm)	Limit dBm	Results
oten Anbo	ek abotek	TX 802.11b Mode	Anbo.	A. botek
CH01	2412	10.32	30	PASS
CH06	2437	10.95	notek 30 kabou	PASS
CH11	2462	12.88	30 Mario	PASS
Anbotek	Anbo. An	TX 802.11g Mode	Anbotek Ant	or Mu
CH01	2412	9.44	30	PASS
CH06	2437	12.08	30	PASS
CH11	2462	13.71	30	PASS
Ank	Anbotek Anbote	TX 802.11n(20) Mode	bo tek nbote	Anbore
CH01	2412	9.70	30	PASS
CH06	2437	12.21	30	PASS
CH11	2462	13.78	30	PASS

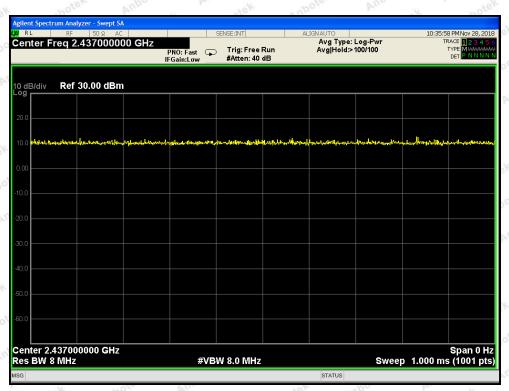
Note: For power test the duty cycle is 100% in continuous transmitting mode. Please see the plot of next page



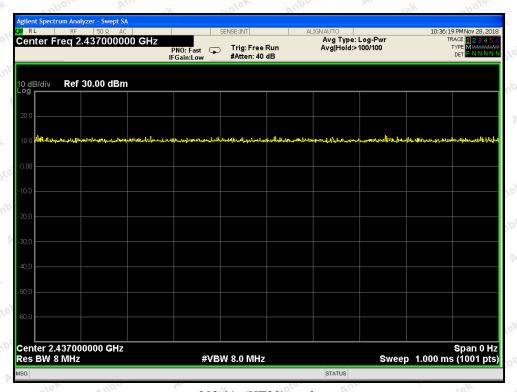
Duty Cycle



802.11b mode



802.11g mode



802.11n(HT20) mode

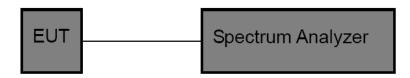


6. 6DB Occupy Bandwidth Test

6.1. Test Standard and Limit

Test Standard	FCC Part15	C Section 15.2	247 (a)(2)	An botek	Anbotek	Anbo	p.
Test Limit	>500kHz	Anbotek	Anboro	All.	Anbotek	Anboatek	

6.2. Test Setup



6.3. Test Procedure

- 1. Place the EUT on the table and set it in the transmitting mode.
- 2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
- 3. Set the spectrum analyzer as:

RBW= 100kHz, VBW\ge23*RBW =300kHz

Detector= Peak

Trace mode= Max hold.

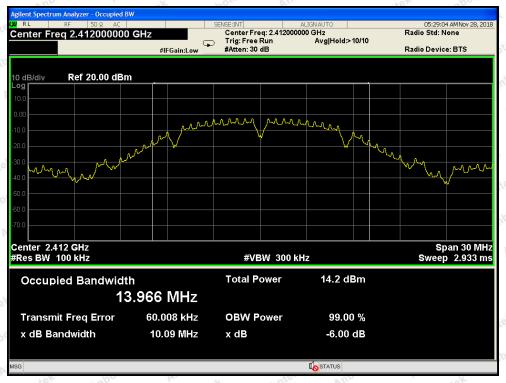
Sweep- auto couple.

- 4. Mark the peak frequency and -6dB (upper and lower) frequency.
- 5. Repeat until all the rest channels are investigated.

6.4. Test Data

Test Item	:	6dB Bandwidth	Test Mode :	CH Low ~ CH High
Test Voltage	:	DC 3.7V Battery inside	Temperature :	24℃
Test Result	:	PASS	Humidity :	55%RH

Mode	Channel	Frequency (MHz)	Bandwidth (MHz)	Limit (kHz)	Results
	Low	2412	10.09	anbotek Anb	PASS
802.11b	Middle	2437	10.09	>500	PASS
	High	2462	10.06	A". hotek	PASS
k hotek	Low	2412	15.17	k hotek	PASS
802.11g	Middle	2437	15.15	>500	PASS
	High High	2462	15.08	ooten Anbo	PASS
Anboten An	Low	2412	15.16	Anbotek Anbo	PASS
802.11n20	Middle	2437	15.71	>500	PASS
	High	2462	15.45	Potek	PASS



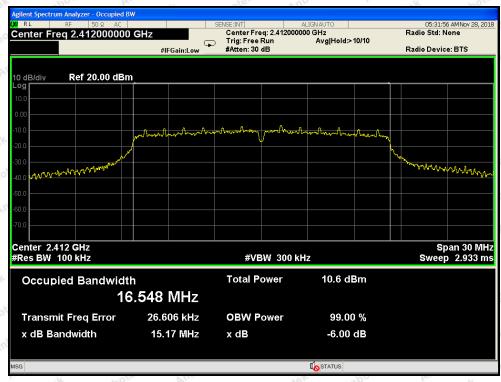
802.11b mode: Lowest



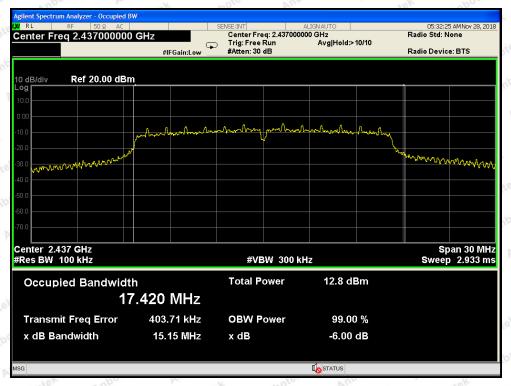
802.11b mode: Middle



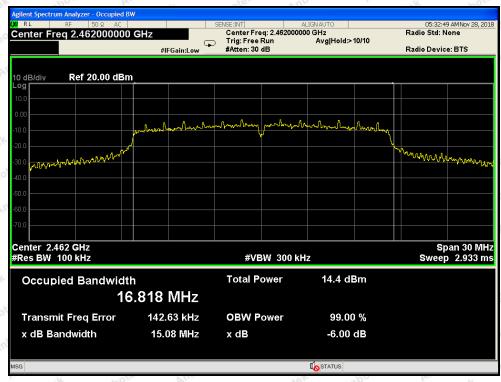
802.11b mode: Highest



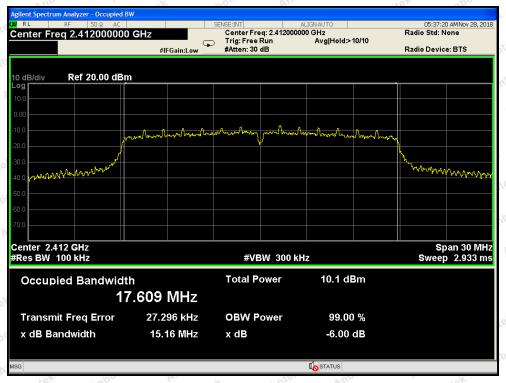
802.11g mode: Lowest



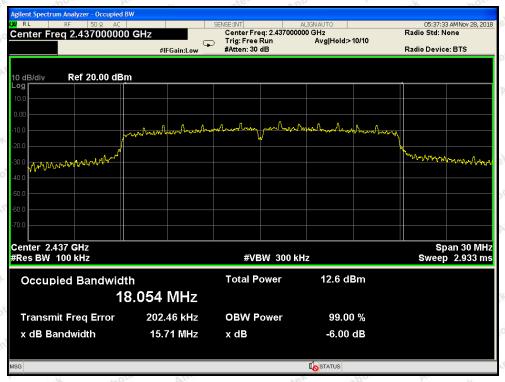
802.11g mode: Middle



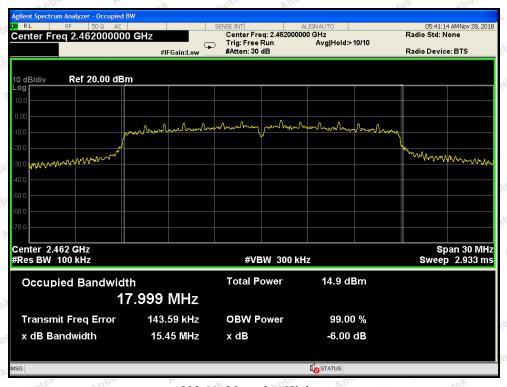
802.11g mode: Highest



802.11n20 mode: Lowest



802.11n20 mode: Middle



802.11n20 mode: Highest

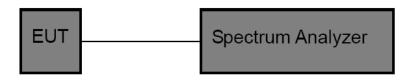


7. Power Spectral Density Test

7.1. Test Standard and Limit

Test Standard	FCC Part15 C	Section 15.2	247 (e)	Annabotek	Anbotek	Anbo	br.
Test Limit	8dBm/3KHz	Anbotek	Anboro	All.	Anbotek	Anbo	P

7.2. Test Setup



7.3. Test Procedure

- 1. Place the EUT on the table and set it in transmitting mode. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
- 2. Set the spectrum analyzer as RBW = 3kHz, VBW = 10kHz, Span = 1.5xDTS BW
- 3. Record the max. reading.
- 4. Repeat the above procedure until the measurements for all frequencies are completed.

7.4. Test Data

Test Item : Power Spectral Density Test Mode : CH Low ~ CH High

Test Voltage : DC 3.7V Battery inside Temperature : 24℃

Test Result : PASS Humidity : 55%RH

Mode	Channel	Frequency (MHz)	PPSD (dBm/3KHz)	Limit (dBm/3KHz)	Results
lek Anbore	Low	2412	-16.639	8.00	PASS
802.11b	Middle	2437	-14.890	8.00	PASS
Anbotek A	High	2462	-14.691	8.00	PASS
Anbotek	Low	2412	-20.066	8.00	PASS
802.11g	Middle	2437	-19.668	8.00	PASS
lek Anbotek	High	2462	-16.498	8.00	PASS
botek Anbo	Low	2412	-22.938	8.00	PASS
802.11n20	Middle	2437	-19.521	8.00	PASS
Anbotek	High	2462	-17.773	8.00	PASS



802.11b mode: Lowest



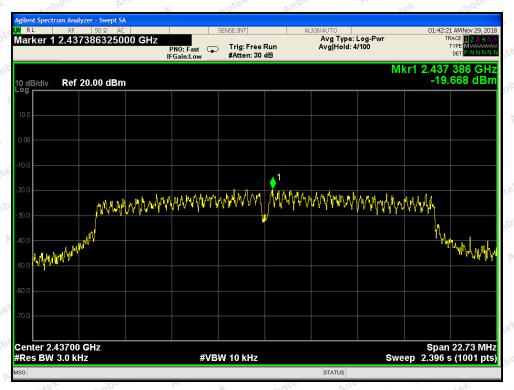
802.11b mode: Middle



802.11b mode: Highest



802.11g mode: Lowest



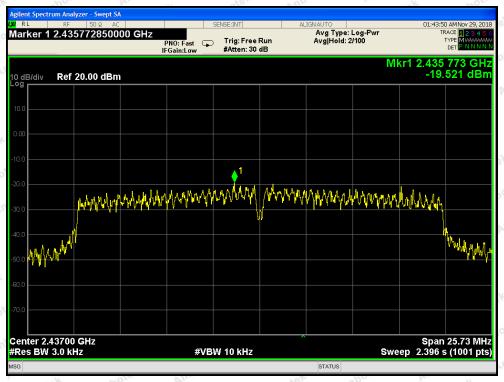
802.11g mode: Middle



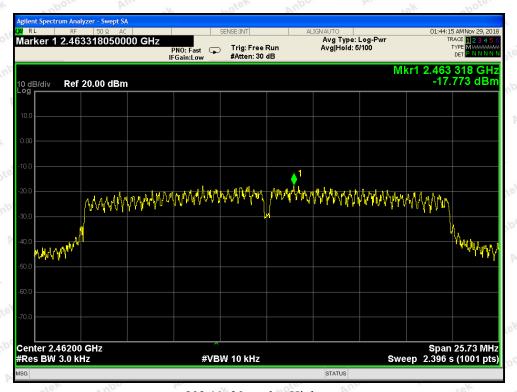
802.11g mode: Highest



802.11n20 mode: Lowest



802.11n20 mode: Middle



802.11n20 mode: Highest

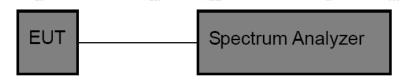


8. 100kHz Bandwidth of Frequency Band Edge Requirement

8.1. Test Standard and Limit

Test Standard	FCC Part15 C Section 15.247 (d)
Test Limit	in any 100 kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator in operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in15.209(a).

8.2. Test Setup



8.3. Test Procedure

Using the following spectrum analyzer setting:

- 1. Set the RBW = 100KHz.
- 2. Set the VBW = 300KHz.
- 3. Sweep time = auto couple.
- 4. Detector function = peak.
- 5. Trace mode = max hold.
 - 6. Allow trace to fully stabilize.

8.4. Test Data

 Test Item
 : Band edge
 Test Mode
 : CH Low ~ CH High

 Test Voltage
 : DC 3.7V Battery inside
 Temperature
 : 24℃

 Test Result
 : PASS
 Humidity
 : 55%RH

Mode	Frequency Band (MHz)	Delta Peak to Band Emission (dBc)	Limit (dBc)	Results
000 111	2412	37.954	>20	PASS
802.11b	2462	47.390	>20	PASS
002.11	2412	29.351	>20	PASS
802.11g	2462	38.111	>20	PASS
902 11-20	2412	28.587	>20	PASS
802.11n20	2462	37.485	>20	PASS



802.11b mode: Lowest



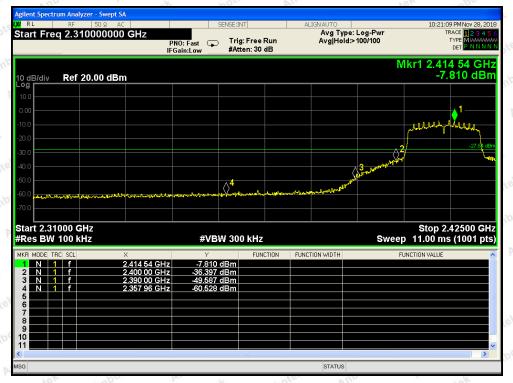
802.11b mode: Highest



802.11g mode: Lowest



802.11g mode: Highest



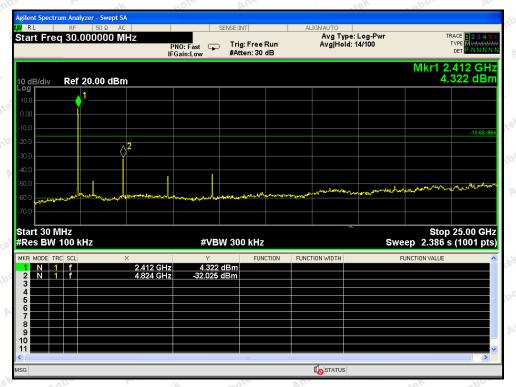
802.11n20 mode: Lowest



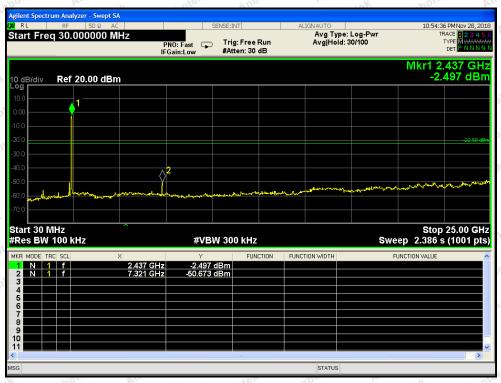
802.11n20 mode: Highest



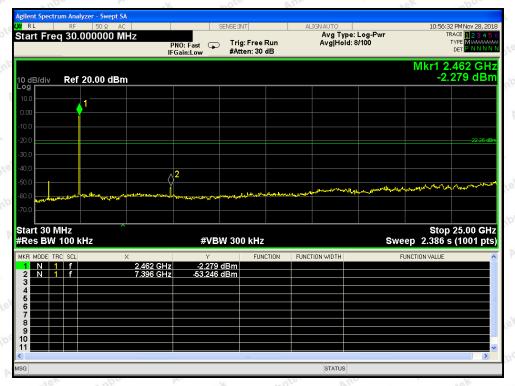
Conducted Emission Method



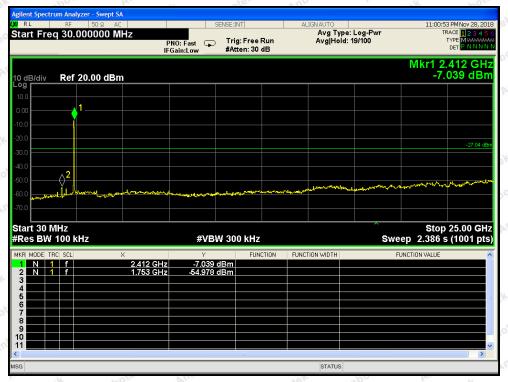
802.11b mode: Lowest



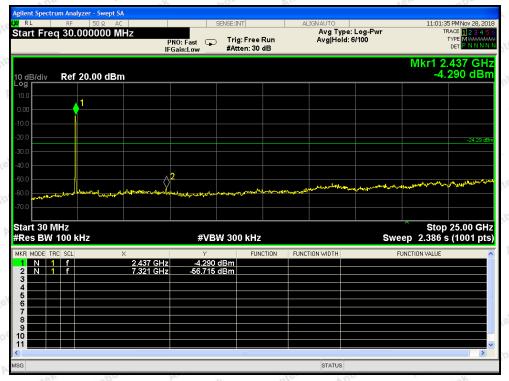
802.11b mode: Middle



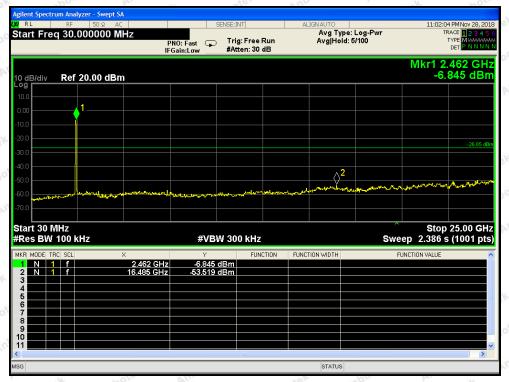
802.11b mode: Highest



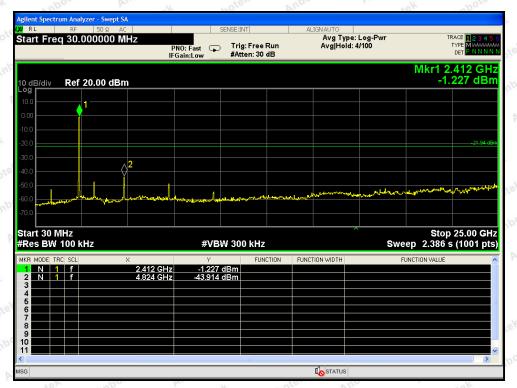
802.11g mode: Lowest



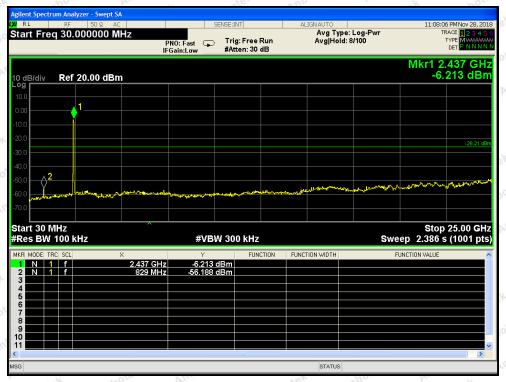
802.11g mode: Middle



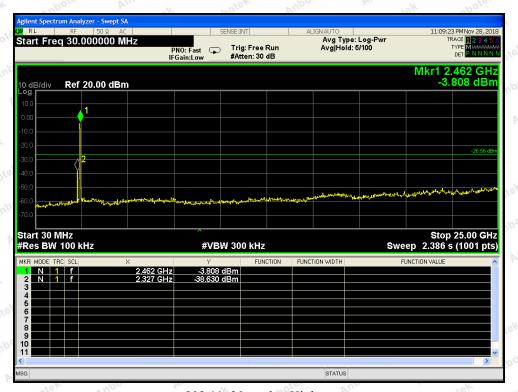
802.11g mode: Highest



802.11n20 mode: Lowest



802.11n20 mode: Middle



802.11n20 mode: Highest



9. Antenna Requirement

9.1. Test Standard and Requirement

Test Standard	FCC Part15 Section 15.203 /247(c)			
	1) 15.203 requirement:			
	An intentional radiator shall be designed to ensure that no antenna other than that furnished			
	by the responsible party shall be used with the device. The use of a permanently			
	attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the			
	manufacturer may design the unit so that a broken antenna can be replaced by the user, but			
Requirement	the use of a standard antenna jack or electrical connector is prohibited.			
	2) 15.247(c) (1)(i) requirement:			
	Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed.			
	Point-to-point operations may employ transmitting antennas with directional gain greater			
	than 6dBi provided the maximum conducted output power of the intentional radiator is			
	reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi.			

9.2. Antenna Connected Construction

The antenna is a PIFA Antenna which permanently attached, and the best case gain of the antenna is 2.5 dBi It complies with the standard requirement.



Code: AB-RF-05-a

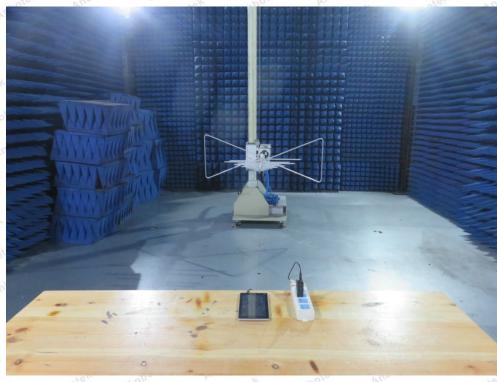


APPENDIX I -- TEST SETUP PHOTOGRAPH

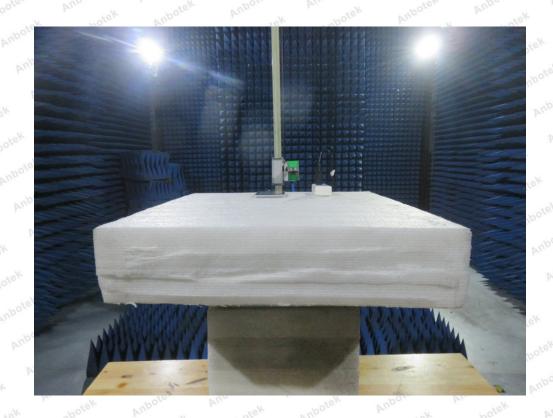




Photo of Radiation Emission Test









APPENDIX II -- PHOTOGRAPH

Reference to the test report SZAWW181107001-01 --- End of Report ----