

FCC TEST REPORT

NINGBO JINHUI PHOTOGRAPHIC EQUIPMENT CO.,LTD

Remote

Model No.: S520 N/INT R2N, S520 C/INT R2C, S520 S/INT R2S S519-N, S519-C, S519-S

Prepared For NINGBO JINHUI PHOTOGRAPHIC EQUIPMENT CO.,LTD.

NO.69 FENGYI ROAD, SOUTHWEST ECONOMY DEVELOPMENT Address

ZONE, YUYAO, ZHEJIANG, Ningbo, China 315403

Prepared By Shenzhen Anbotek Compliance Laboratory Limited

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Date of Report Nov. 21, 2018



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TEST REPORT

Applicant : NINGBO JINHUI PHOTOGRAPHIC EQUIPMENT CO.,LTD.

Manufacturer : NINGBO JINHUI PHOTOGRAPHIC EQUIPMENT CO.,LTD.

Product Name : Remote

Model No. : S520 N/INT R2N, S520 C/INT R2C, S520 S/INT R2S S519-N, S519-C, S519-S

Trade Mark : N.A.

Rating(s) : Input: DC 3V, 100mA "AA"

Test Standard(s) : FCC Part15 Subpart C, Paragraph 15.249

Test Method(s) : **ANSI C63.10: 2013**

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	Nov. 07~21, 2018
TIBOTAL CONTRACTOR OF THE PARTY	olivay larg
Prepared By Anbotek	Anbotek Anbotek
E PIC S	(Engineer / Oliay Yang)
Anbotek Anbotek Anbotek Anbotek Anbotek Anbo	
Reviewer	All Batek Ambortek
	(Supervisor / Snowy Meng)
	Sally Zhoung
Approved & Authorized Signer	notek Anbotek Anbote Ans Anstek
	(Manager / Sally Zhang)

1. General Information

1.1. Client Information

Applicant	: NINGBO JINHUI PHOTOGRAPHIC EQUIPMENT CO.,LTD.	b.
Address	: NO.69 FENGYI ROAD, SOUTHWEST ECONOMY DEVELOPMENT ZONE, YUYAO, ZHEJIANG, Ningbo, China 315403China 523000	e.k
Manufacturer	: NINGBO JINHUI PHOTOGRAPHIC EQUIPMENT CO.,LTD.	ootel
Address	: NO.69 FENGYI ROAD, SOUTHWEST ECONOMY DEVELOPMENT ZONE, YUYAO, ZHEJIANG, Ningbo, China 315403China 523000	Pupo
Factory	: NINGBO JINHUI PHOTOGRAPHIC EQUIPMENT CO.,LTD.	P
Address	: NO.69 FENGYI ROAD, SOUTHWEST ECONOMY DEVELOPMENT ZONE, YUYAO, ZHEJIANG, Ningbo, China 315403China 523000	*

1.2. Description of Device (EUT)

Ç	Product Name		Sotek Anbote And	k Anbotek Anbo ok wotek Ar
	1 Toduct Ivallie	ļ.	Remote	tek potek Anbote Ann stek
	Model No.	:	ter up	2C, S520 S/INT R2S S519-N, S519-C, S519-S except the model name, so we prepare
2	Trade Mark	:	N.A. Anbotek Anbotek	Anbotek Anbotek Anbo
0	Test Power Supply	:	DC 3V By Battery	Anbotek Anbotek Anbotek An
S			Operation Frequency:	2402-2417MHz
			Number of Channel:	16 Channels
1	Product Description	:	Modulation Type:	GFSK
5			Antenna Type:	PCB Antenna
0			Antenna Gain(Peak):	1 dBi Anbotek Anbotek Anbotek
	Domarke 1)For a mo	ro d	datailed feetures description place	ve refer to the manufacturer's specifications or t

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

1.3. Auxiliary Equipment Used During Test

1.12 /-	-17	Pro-		" (J.).		100	Dr.	
N/A		anborek	Anbo	hotek	Anbote	And	abotek	N

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.

	Pretest Mode						Description	n			
	Anbotek N	Mode 1	otek A	nbotek	Aupole	ak Anu	Keeping TX 1	node	Anbor	stek b	Anbotel
<i>y</i> -	Anbolo N	Mode 2	nbotek	Anbotek	k Aupor	otek b.	CH01	Aupoten	ek Vup	abotek	Anb
otek	Anbo	Mode 3	Anbotek	Anbore	rek An	nbotek	СН09	Anbo	otek	Anbotek	P
Mpor	otek N	Mode 4	Anbotek	Anb	hotek	Anbotek	CH16	ek Yu	- nbotek	Anbo	rek r

V	***	For Conducted Emission	
	Final Test Mode	Description	
O	Mode 1	Keeping TX mode	P.

	For Radiated Emission							
	Final Test Mod	le			Descript	tion		
rek k.	Mode 2	ipote,	Andabotek	Anbotek	CH01	Anbotek	Anbotek	Anbe
botek	Mode 3	Anboundek	Anbotek	Anbote	CH09	Anbotek	Anbott	ek V
Anbotek	Mode 4	And	ek Anbotek	Anbox	CH16	Stek Anbot	er Anbo	notek

Note:

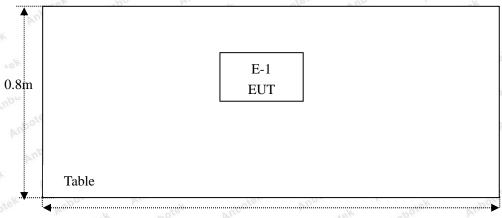
- 1. The engineering test program was provided and the EUT was programmed to be in continuously transmitting mode.
- 2. EUT built-in battery-powered, fully-charged battery use of the test battery.

1.5. List of Channels

Channel	Freq.	Channel	Freq.	Channel	Freq.	Channel	Freq.
	(MHz)		(MHz)		(MHz)		(MHz)
1 Aupo	2402	ootek 5 Ar	2406	9	2410	Anboard 13	2414
ooten 2 An	2403	6	2407	10	2411	14	2415
Anbotek	2404	7tek	2408	Anu otek	2412	15	2416
Anh4tek	2405	8 notek	2409	12	2413	ek 16 Anbo	2417

1.6. Description of Test Setup

RE



1.7. Test Equipment List

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.
iek 1. potek	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
. 5.	MAX Spectrum Analysis	Agilent	N9020A	MY51170037	Nov. 05, 2018	1 Year
6.	Preamplifier	SKET Electronic	BK1G18G30D	KD17503	Nov. 05, 2018	1 Year
7. Ani	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-K F	J211060628	Nov. 20, 2018	1 Year
11.	Pre-amplifier	SONOMA	310N	186860	Nov. 05, 2018	1 Year
12.	EMI Test Software EZ-EMC	SHURPLE	N/A	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

Standard Section	Test Item	Result
15.203	Antenna Requirement	PASS
15.207	Conducted Emission	N/A
15.249	Radiated Emission	PASS
15.215(c)	20dB Bandwidth	PASS
15.249(c)	Band Edge	PASS
15.249(c) Remark: "N/A" is an abbrev	stek Anbore Ant wek botek Anbo	PASS

3. Conducted Emission Test

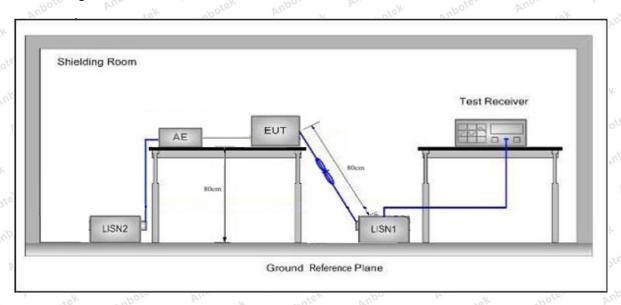
3.1. Test Standard and Limit

	Test Standard	FCC Part15 Section 15.20	7 Anbote And botek	Anbotek Anbotek At			
		Engayonav	Maximum RF Line Voltage (dBuV)				
8		Frequency	Quasi-peak Level	Average Level			
	Test Limit	150kHz~500kHz	66 ~ 56 *	56 ~ 46 *			
		500kHz~5MHz	Anbotek 56 bot tek	46			
		5MHz~30MHz	60	50 botes And			

Remark: (1) *Decreasing linearly with logarithm of the frequency.

(2) The lower limit shall apply at the transition frequency.

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

The EUT is powered by DC 3V By Battery inside, so there is no need to conduct this test.

4. Radiated Emission and Band Edge

4.1. Test Standard and Limit

Test Standard	FCC Part15 C Section 15.20	09 and 15.205	All	Anbotek A	upo stek
	Frequency (MHz)	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)
	0.009MHz~0.490MHz	2400/F(kHz)	obotek - Anbo	e Pur	300
	0.490MHz-1.705MHz	24000/F(kHz)	Aupotek Ar	Pore VIII	30 M
	1.705MHz-30MHz	30 No. 1	Anbatek	Anbore P	30
Test Limit	30MHz~88MHz	100	40.0	Quasi-peak	3.04
	88MHz~216MHz	150	43.5	Quasi-peak	3 _{ootek}
	216MHz~960MHz	200	46.0	Quasi-peak	ek 3 potek
	960MHz~1000MHz	500	54.0	Quasi-peak	3 Annual
	Above 1000MHz	500	54.0	Average	3
	Above 1000MHz	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.

Test Standard	FCC Part15 C	Section 15.249	A abolek A	upote. K	in hotek	Anbotek
	Frequency (MHz)	Field Strength of fundamental ((millivolts /meter)	Field Strength of Harmonics (microvolts/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)
Test Limit	2400~2483.5	50	Anbotek - Anbo	114.0	Peak	poter 3 Amb
	2400~2483.5	50	Anbotek Anb	94.0	Average	Anbote 3
o ^l	2400~2483.5	ok Am botek	500	74.0	Peak	3
	2400~2483.5	upor August	500	54.0	Average	3

Remark:

(1) 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

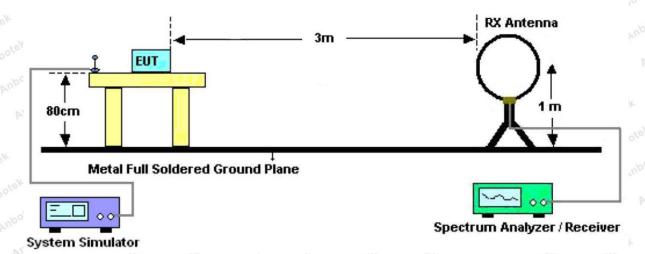


Figure 2. 30MHz to 1GHz

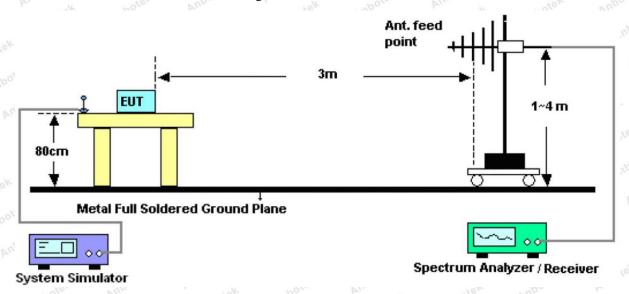
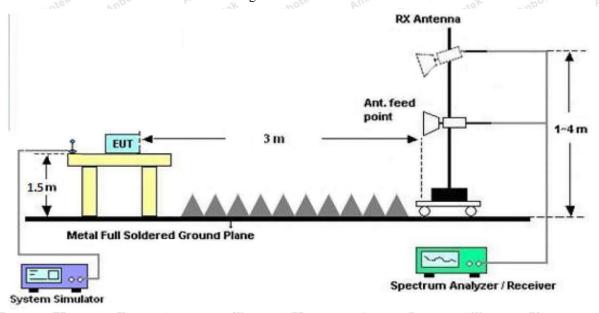


Figure 3. Above 1 GHz





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.

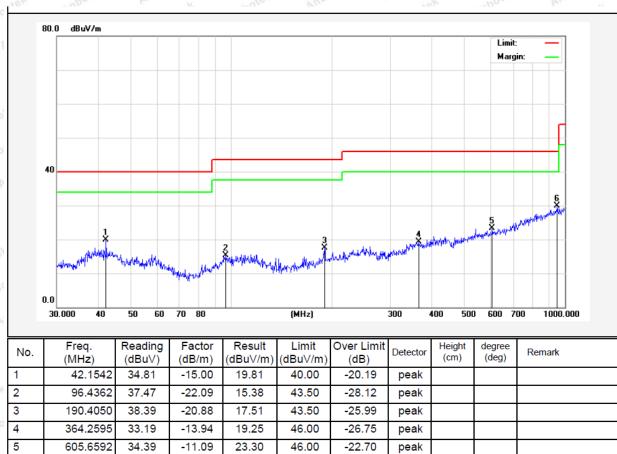


Test Results (30~1000MHz)

SZAWW181106003-01 Job No.: Temp.($^{\circ}$ C)/Hum.($^{\circ}$ RH): 23.2°C/53.4%RH

FCC PART 15C DC 3V By Battery Standard: Power Source:

Test Mode: TX Mode Polarization: Horizontal



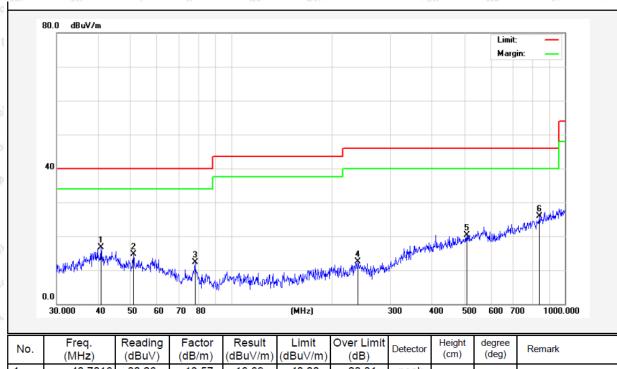


Test Results (30~1000MHz)

Job No.: SZAWW181106003-01 Temp.(℃)/Hum.(%RH): 23.2℃/53.4%RH

Standard: FCC PART 15C Power Source: DC 3V By Battery

Test Mode: TX Mode Polarization: Vertical



ı	No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1		40.7016	30.26	-13.57	16.69	40.00	-23.31	peak			
2		50.9420	31.34	-16.59	14.75	40.00	-25.25	peak			
3		77.8654	33.44	-21.13	12.31	40.00	-27.69	peak			
4		239.9874	26.96	-14.49	12.47	46.00	-33.53	peak			
5		508.2582	31.17	-10.81	20.36	46.00	-25.64	peak			
6		839.1818	30.63	-4.82	25.81	46.00	-20.19	peak			



Test Results (1GHz-25GHz)

Test Mode: 0	CH01 (Low ch	nannel)							
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.	Detector
2402.0000	96.62	31.12	2.18	35.33	94.59	114.00	-19.41	V	Peak
2402.0000	85.30	31.12	2.18	35.33	83.27	94.00	-10.73	V	AVG
4804.0000	47.64	34.01	2.58	34.65	49.58	74.00	-24.42	V	Peak
4804.0000	39.14	34.01	2.58	34.65	41.08	54.00	-12.92	V	AVG
7206.0000	48.98	36.16	2.97	35.07	53.04	74.00	-20.96	V	Peak
7206.0000	37.31	36.16	2.97	35.07	41.37	54.00	-12.63	V	AVG
9608.0000	nbote*	Yupo viek	nbotek	Anbo	re. Yu.	hotek	Anbotek	Anb	rek
12010.0000	Anbokel	Vupo.	k Noo'	8K	poter	Ambotek	Anbotek	P	upor
14412.0000	*	Aupor	rek v	potek	Anboten	Aup	Anbo	ek	Anbore
16814.0000	*Anbote	N AUD	0. E.	abotek	Anboten	N. Aug	rek vi	potek	Anbox
2402.0000	95.25	31.12	2.18	35.33	93.22	114.00	-20.78	Hrek	Peak
2402.0000	82.22	31.12	2.18	35.33	80.19	94.00	-13.81	Habo	AVG
4804.0000	50.93	34.01	2.58	34.65	52.87	74.00	-21.13	Н	Peak
4804.0000	41.87	34.01	2.58	34.65	43.81	54.00	-10.19	ek H	AVG
7206.0000	48.59	36.16	2.97	35.07	52.65	74.00	-21.35	Н	Peak
7206.0000	36.05	36.16	2.97	35.07	40.11	54.00	-13.89	H	AVG
9608.0000	*	otek p	anbotek	Aupote,	K Nun	otek a	botek	Aupor	ek bu
12010.0000	*	nbo	anbotek	Anbot	ak And	botek	Anbotek	Anbo	rek
14412.0000	Anbotek	Aupor Ley	Anbote	K An	oofer. b	mbotek	Anbotek	PL	Por
16814.0000	ALI*OLO	Vupo,	rek no	otek	Aupoten	Vun Viek	Hodna	K	Aupolo

Note:

- 1. Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. "*" means the test results were attenuated more than 20dB below the permissible limits, so the results don't record in the report.



Test Mode: 0	CH09 (Middle	channel)							
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.	Detector
2410.0000	94.55	31.12	2.20	34.51	93.36	114.00	-20.64	V	Peak
2410.0000	83.18	31.22	2.20	34.51	82.09	94.00	-11.91	V	AVG
4820.0000	47.23	34.98	2.49	34.14	50.56	74.00	-23.44	V	Peak
4820.0000	39.28	34.98	2.49	34.14	42.61	54.00	-11.39	V	AVG
7230.0000	48.83	36.01	3.01	34.56	53.29	74.00	-20.71	V	Peak
7230.0000	37.06	36.01	3.01	34.56	41.52	54.00	-12.48	ATV	AVG
9640.0000	nbotek*	Aupota	An	Anbo	lek Vu	Po.	nbotek	Anb	Ye.
12050.0000	Vupo*sk	Anboten	K PUL	8K 01	potek	Yupor	Protek	P	Upoler
14460.0000	*otek	Anbote	K WW	otek	Anbotek	Aupore	k bo	lek.	Anboten
16870.0000	* nbote	K Ant	oje, Vu	Lotek Lotek	Anbotek	Aupor	rek by	botek	Anbot
2410.0000	94.91	31.12	2.20	34.51	93.72	114.00	-20.28	Hiel	Peak
2410.0000	82.56	31.12	2.20	34.51	81.37	94.00	-12.63	H	AVG
4820.0000	49.99	34.98	2.49	34.14	53.32	74.00	-20.68	H	Peak
4820.0000	40.69	34.98	2.49	34.14	44.02	54.00	-9.98	H	AVG
7230.0000	45.09	36.01	3.01	34.56	49.55	74.00	-24.45	Н	Peak
7230.0000	35.76	36.01	3.01	34.56	40.22	54.00	-13.78	H	AVG
9640.0000	tek * And	Dr. P	hotek	Anbotek	Aupor	*ek	botek	Anboter	r Vui
12050.0000	botek * P	nbote	Pur Potek	Anbot	er Aup	otek b	abotek	Anbo	(81,
14460.0000	*	Aupoten	Anu Lote	K An'	ootek p	Upo.	All abotek	P.	Poler
16870.0000	*016*	Vupore,	K	otek	Inpotek	Aupor	All hot	Y _S	Anborek

Note:

- 1. Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. "*" means the test results were attenuated more than 20dB below the permissible limits, so the results don't record in the report.



Test Mode: 0	CH16 (High cl	hannel)							
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.	Detector
2417.0000	93.91	31.65	2.23	36.07	91.72	114.00	-22.28	V	Peak
2417.0000	85.95	31.65	2.23	36.07	83.76	94.00	-10.24	V	AVG
4834.0000	48.07	35.06	2.60	34.93	50.80	74.00	-23.20	V	Peak
4834.0000	38.72	35.06	2.60	34.93	41.45	54.00	-12.55	V	AVG
7251.0000	47.04	36.19	3.12	35.11	51.24	74.00	-22.76	V	Peak
7251.0000	38.20	36.19	3.12	35.11	42.40	54.00	-11.60	A.V	AVG
9668.0000	nbotek*	Aupote	And	Anbo	lek Au	or rek	nbotek	Anb	oter.
12085.0000	Anbokek	Anboten	Yun.	eV V	potek	Yupor	Pil. Potek	P	hotel
14502.0000	*otek	Anbote	K Muga	otek	Anbotek	Anbore	r Po	lek.	Anbotek
16919.0000	* abote	K Ant	oten Pu	otek	Anbotek	Anbore	PU.	botek	Anbor
2417.0000	94.13	31.65	2.23	36.07	91.94	114.00	-22.06	Hiel	Peak
2417.0000	83.02	31.65	2.23	36.07	80.83	94.00	-13.17	H	AVG
4834.0000	49.53	35.06	2.60	34.93	52.26	74.00	-21.74	H	Peak
4834.0000	39.34	35.06	2.60	34.93	42.07	54.00	-11.93	, Н	AVG
7251.0000	48.84	36.19	3.12	35.11	53.04	74.00	-20.96	Н	Peak
7251.0000	36.74	36.19	3.12	35.11	40.94	54.00	-13.06	Н	AVG
9668.0000	tek * Aup	Pre, b	hotek	Anbotek	Anbore	rok VIII	botek	Anboten	V VIII
12085.0000	botek * b	upore	protek wotek	Anbot	SK WHO	Die V	potek	Anbo	ler.
14502.0000	nbo*	Aupoten	pub.	K KN	ootek p	Moore	Andrek	A.	polek
16919.0000	*otek	Aupote	Pupo	ntek h	nbotek	Anbore	An.	48	Anbotek

Note:

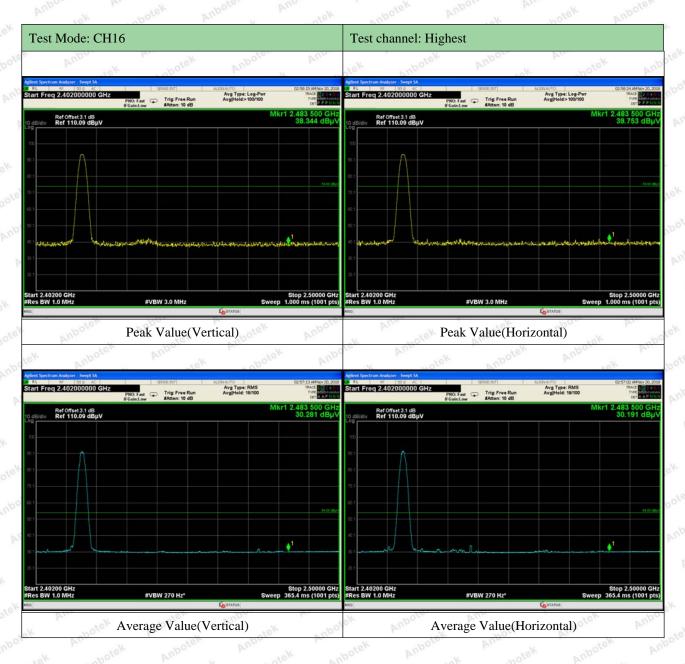
- 1. Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. "*" means the test results were attenuated more than 20dB below the permissible limits, so the results don't record in the report.



Radiated Band Edge:



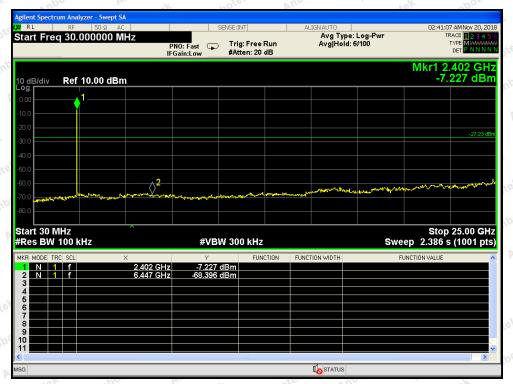




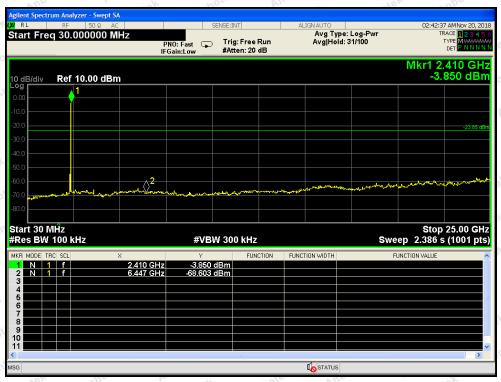
Remark:

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

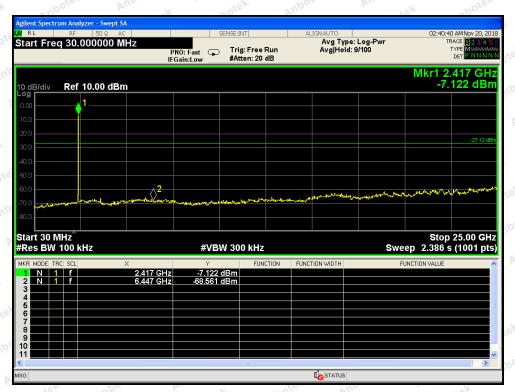
Conducted Emission Method



CH: Low



CH: Middle



CH: High



5. 20dB Bandwidth Test

5.1. Test Standard and Limit

Test Standard	FCC Part15 C Section 15.249		
NO.		100	

5.2. Test Setup



5.3. 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:

 $RBW = 30kHz, VBW \ge 3*RBW = 100kHz,$

Detector= Average

Trace mode= Max hold.

Sweep- auto couple.

- 4. Mark the peak frequency and -20dB (upper and lower) frequency.
- 5. Repeat until all the rest channels are investigated.

5.4. Test Data

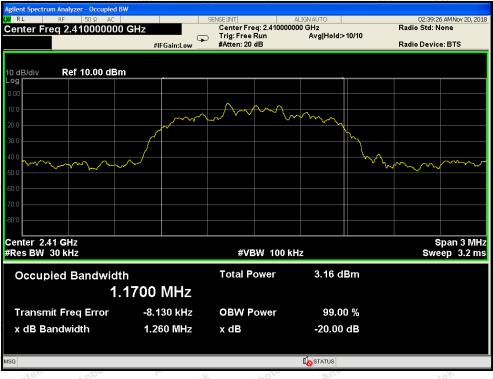
Test Item	:	20dB Bandwidth	Test Mode :	TX Mode
Test Voltage	:	DC 3V By Battery	Temperature :	24℃
Test Result	:	PASS	Humidity :	55%RH

	Frequency (MHz)		В	andwidth (kHz)	*10		Result	1/
A. abotek	2402MHZ	Auprotek	Anbotek	1261	Anabote	Anbo	PASS	Anbo.
by.	2410MHZ	Anb	Anbotek	1260	VII.	otek Ar	PASS	Aupo
8/4	2417MHZ	Ans	lek upotek	1259	ok Ki	hotek	PASS	Anbo





Test Mode: Low



Test Mode: Middle





Test Mode: High

6. Antenna Requirement

6.1. Test Standard and Requirement

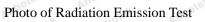
Test Standard	FCC Part15 Section 15.203
Requirement	1) 15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

6.2. Antenna Connected Construction

The antenna is a PCB Antenna which permanently attached, and the best case gain of the antenna is 1 dBi. It complies with the standard requirement.



APPENDIX I -- TEST SETUP PHOTOGRAPH









APPENDIX II -- EXTERNAL PHOTOGRAPH

TX Anbotek



















RX





















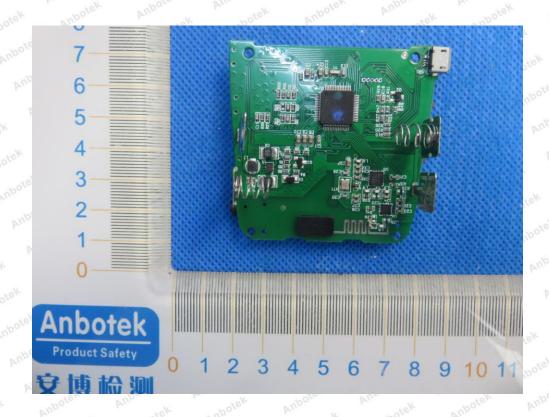
APPENDIX III -- INTERNAL PHOTOGRAPH

TX



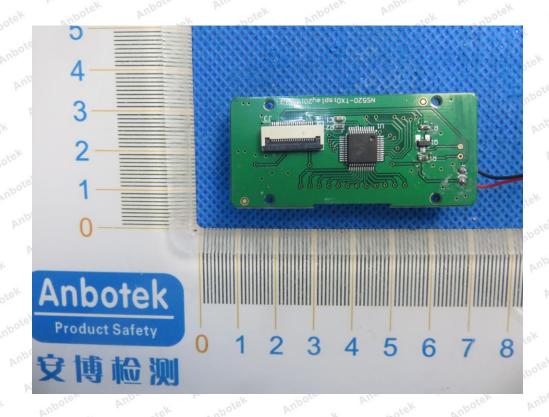


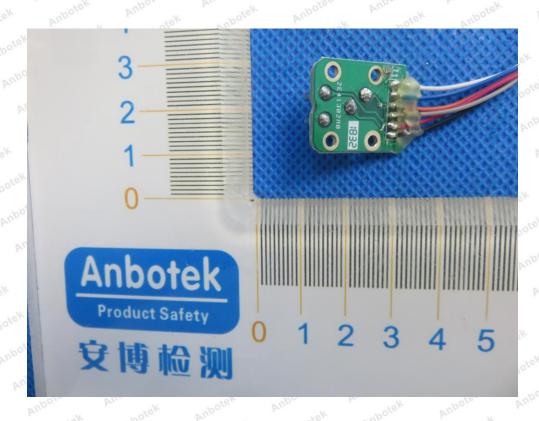




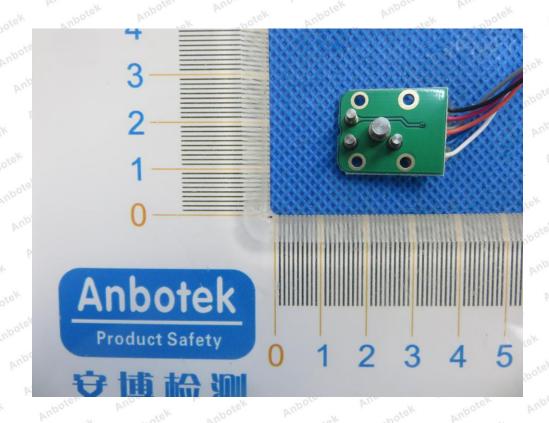


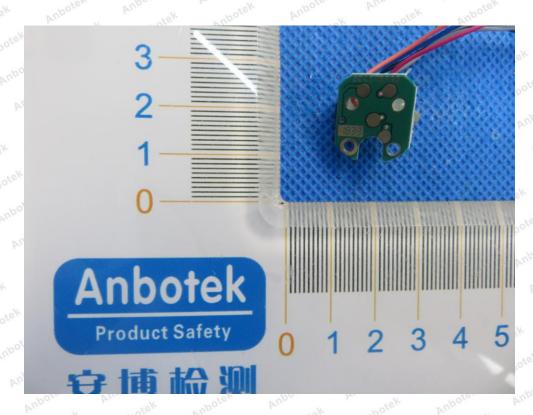
















RX M

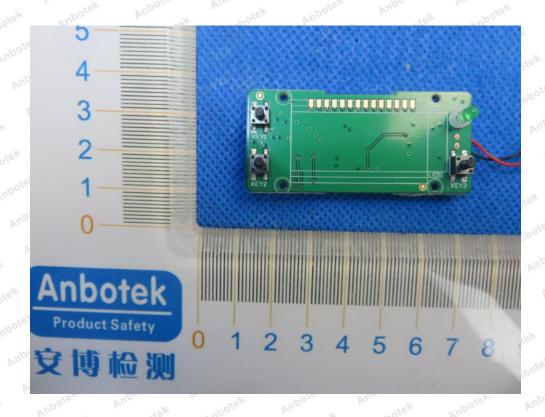


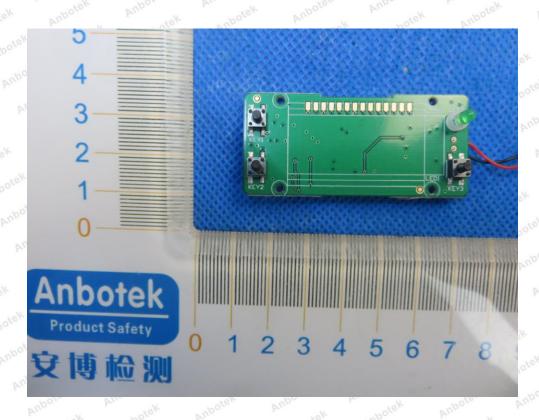




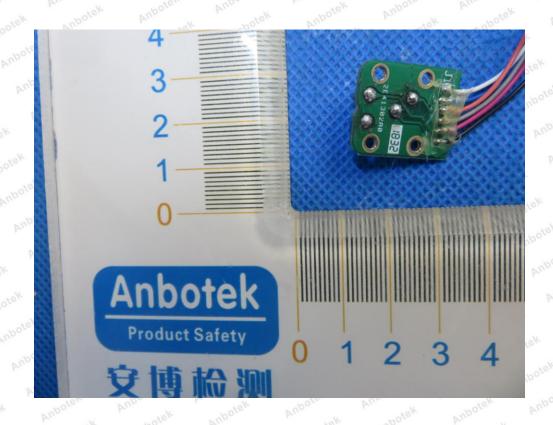




















End of Report