



TEST REPORT

Applicant:	NKOK, Inc.
Address:	5354 Irwindale Ave Unit A Irwindale CA 91706

Manufacturer or Supplier	NKOK, Inc.
Address	5354 Irwindale Ave Unit A Irwindale CA 91706
Product:	R/C Toy
Brand Name:	NKOK, Inc.
Model:	772
Additional Model & Model Difference	6503, see items 3.1
Date of tests:	Sep. 13, 2022 ~ Sep. 19, 2022

the tests have been carried out according to the requirements of the following standard:

CONCLUSION: The submitted sample was found to **COMPLY** with the test requirement

Tested by Niko Zhang	Approved by Glyn He		
Project Engineer / EMC Department	Assistant Manager / EMC Department		

Date: Oct. 30, 2022

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF2209WDG0020	Original release	Oct. 30, 2022

Tel: +86 769 8998 2098 Fax: +86 769 8593 1080 Email: customerservice.dg@cn.bureauveritas.com



1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC PART 15, SUBPART C (SECTION 15.249)						
STANDARD SECTION	OARD TEST TYPE AND LIMIT RESULT REMARK					
§15.203	Antenna Requirement	PASS	No antenna connector is used			
§15.207 (a)	Conducted Emission	N/A	Powered from battery			
§15.205	Restricted Band of Operation	PASS	Compliant			
§15.209 §15.249(a)	Radiated Emission	PASS	Compliant			
§15.215(c)	20dB Bandwidth Test	PASS	Compliant			

2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

MEASUREMENT	FREQUENCY	UNCERTAINTY
	9KHz ~ 30MHz	2.16dB
Radiated emissions	30MHz ~ 1GMHz	3.63dB
naulateu emissions	1GHz ~ 18GHz	4.96dB
	18GHz ~ 40GHz	4.37dB
20dB Bandwidth	1GHz ~ 18GHz	1.132x10 ⁻⁴ %

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



3 GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

PRODUCT	R/C Toy	
MODEL NO.	772	
ADDITIONAL MODEL	6503	
FCC ID	XQPDJ092224TX	
NOMINAL VOLTAGE	Remote Control: DC 3V (1.5V*AA*2) from Battery	
NOMINAL VOLTAGE	Car: DC 7.4V from Li-ion Battery	
MODULATION TECHNOLOGY	GFSK	
OPERATING FREQUENCY	2413-2470MHz	
ANTENNA TYPE	Monopole Antenna, with 2dBi gain	
I/O PORTS	Refer to user's manual	
CABLE SUPPLIED	Battery Charging Cable: Unshielded, detachable, 50cm	

NOTES:

- 1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
- 2. For the test results, the EUT had been tested with all conditions, but only the worst case was shown in test report.
- 3. Please refer to the EUT photo document (Reference No.: 2209WDG0020) for detailed product photo.
- 4. Additional model 6503 is identical with the test model 772 except the color of the appearance and model name for trading purpose.



3.2 DESCRIPTION OF TEST MODES

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and packet type. The worst case was found when the EUT was positioned on Y axis for radiated emission. The EUT was tested under the following mode.

EUT CONFIGURE		APPLICA	ABLE TO		DESCRIPTION	
MODE	RE<1G	RE≥1G	PLC	BW		
Α	√	\checkmark	-	√	DC 3.0V from New Battery	

Where

RE<1G: Radiated Emission below 1GHz

RE≥1G: Radiated Emission above 1GHz

BW: 20db bandwidth

PLC: Power Line Conducted Emission NOTE: No need to concern of Conducted Emission due to the EUT is powered by battery.

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

TESTED CHANNEL	TESTED FREQUENCY
Low	2413 MHz
Middle	2442 MHz
High	2470 MHz

Channel List

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
1	2413	2	2442	3	2470

.Note: The more detailed channel, please refer to the product specifications

TEST CONDITION:

APPLICABLE TO	ENVIRONMENTAL CONDITIONS	INPUT POWER	TESTED BY
RE	25deg. C, 55%RH	DC 3.0V from New Battery	Hugo
BW	25deg. C, 56%RH	DC 3.0V from New Battery	Hugo
PLC	-	-	-

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3.3 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC Part 15, Subpart C, Section 15.249 ANSI C63.10-2013

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

3.4 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together without any other necessary accessories or support units.



4. TEST TYPES AND RESULTS

4.1 RADIATED EMISSION MEASUREMENT

4.1.1 LIMITS OF RADIATED EMISSION MEASUREMENT

Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209 as following:

FREQUENCIES (MHz)	FIELD STRENGTH (microvolts/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

According to §15.249(a), the field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:

Fundamental Frequency	Field strength of fundamental (milli-volts/meter)	Field strength of harmonics (micro-volts/meter)
902-928 MHz	50	500
2400-2483.5 MHz	50	500
5725-5875 MHz	50	500
24.0-24.25 GHz	250	2500

The emission limit in this paragraph is based on measurement instrumentation employing an average detector. The provisions in §15.35 for limiting peak emissions apply.

NOTE:

- 1. The lower limit shall apply at the transition frequencies.
- 2. Emission level $(dBuV/m) = 20 \log Emission level (uV/m)$.
- 3. As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.



4.1.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESU40	100449	Feb. 22, 23
Signal and Spectrum Analyzer	Rohde&Schwarz	FSV7	102331	May. 09, 23
Active Loop Antenna (9KHz -30MHz)	SCHWARZBECK	FMZB 1519B	1519B-045	Apr. 27, 23
Amplifier (9KHz -1GHz)	Burgeon	BPA-530	100210	Mar. 08, 23
Trilog-Broadband Antenna(20M-2G)	SCHWARZBECK	VULB 9168	01263	Sep. 30, 22
Horn Antenna (1GHz -18GHz)	ETS -Lindgren	3117	00062558	Apr. 27, 23
Horn Antenna (18GHz -40GHz)	SCHWARZBECK	BBHA 9170	BBHA9170147	Apr. 28, 23
3m Semi-anechoic Chamber	ETS-LINDGREN	9m*6m*6m	NSEMC003	May 22, 23
Test Software	ADT	ADT_Radiated_V7.6.15.9.2	N/A	N/A
Broadband Preamplifier (1GHz~18GHz)	SCHWARZBECK	BBV9718	305	Apr. 26, 23
Pre-Amplifier (18GHz-40GHz)	EMCI	EMC 184045	980102	Jan. 10, 24
Test Software	ADT	ADT_Radiated_V7.6.15.9.2	N/A	N/A
BLUETOOTH TESTER	Rohde&Schwarz	CBT32	100811	N/A

NOTE:

- 1. The test was performed in 966 Chamber.
- 2. The calibration interval of the above test instruments are 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
- 3. The horn antenna is used only for the measurement of emission frequency above1GHz if tested.
- 4. The FCC Site Registration No. is 749762.



4.1.3 TEST PROCEDURES

- a. The EUT was placed on the top of a rotating table 1.5 meters (above 1GHz) and 0.8 meters (below 1GHz) above the ground at a 3 meters semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna is a broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength.
 Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. For below 30MHz, a loop antenna with its vertical plane is place 3m from the EUT and rotated about its vertical axis for maximum response at each azimuth about the EUT, the lowest height of the magnetic antenna shall be 1.3m above the ground.
- g. If the emission level of the EUT in peak mode was lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

NOTE:

- 1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection at frequency below 1GHz.
- 2. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
- 3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 10Hz for Average detection (AV) at frequency above 1GHz.
- 4. All modes of operation were investigated and the worst-case emissions are reported.
- 5. The testing of the EUT was performed on all 3 orthogonal axes; the worst-case test configuration was reported on the file test setup photo.

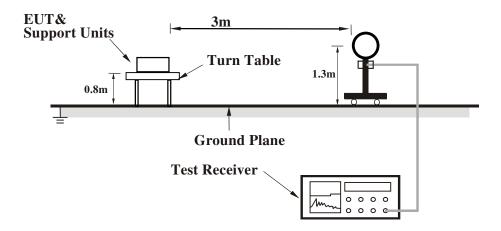
4.1.4 DEVIATION FROM TEST STANDARD

No deviation.

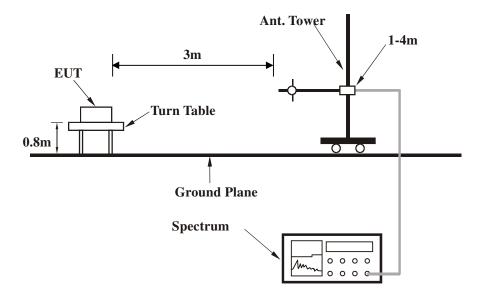


4.1.5 TEST SETUP

Below 30MHz test setup



Below 1GHz test setup

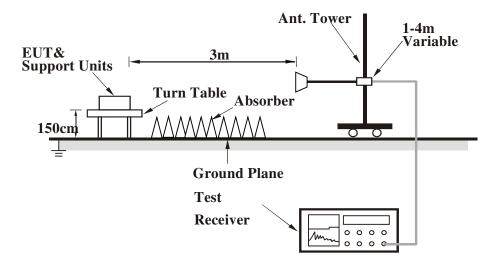


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Above 1GHz test setup



Note: For the actual test configuration, please refer to the attached file (Test Setup Photo).

4.1.6 EUT OPERATING CONDITIONS

- a) Turned on the power of all equipment.
- b) EUT was operated according to the type used was description in manufacturer's specifications or the User's Manual.

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4.1.7 TEST RESULTS

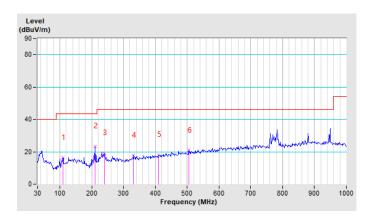
BELOW 1GHz WORST-CASE DATA

CHANNEL	TX Middle Channel	DETECTOR	Ougai Baak (OB)
FREQUENCY RANGE	9KHz ~ 1GHz	FUNCTION	Quasi-Peak (QP)

	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)	
1	109.28	16.23 QP	43.50	-27.27	1.50 H	0	35.87	-19.64	
2	210.32	23.44 QP	43.50	-20.06	1.50 H	0	42.33	-18.89	
3	239.86	19.22 QP	46.00	-26.78	1.50 H	0	36.61	-17.39	
4	331.57	17.87 QP	46.00	-28.13	1.50 H	0	32.41	-14.54	
5	410.85	18.10 QP	46.00	-27.90	1.50 H	0	30.52	-12.42	
6	505.67	21.07 QP	46.00	-24.93	1.50 H	0	31.07	-10.00	

REMARKS:

- 1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
- 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
- 3. The emission levels of other frequencies were greater than 20dB margin.
- 4. 9KHz~30MHz have been test and test data more than 20dB margin.
- 5. Margin value = Emission level Limit value.



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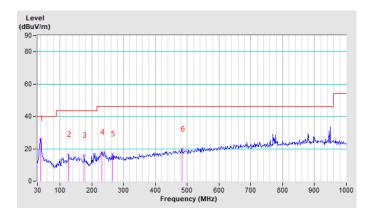


CHANNEL	TX Middle Channel	DETECTOR	Ougai Baak (OB)
FREQUENCY RANGE	9KHz ~ 1GHz	FUNCTION	Quasi-Peak (QP)

	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)	
1	39.33	26.14 QP	40.00	-13.86	1.50 V	0	42.95	-16.81	
2	127.93	16.41 QP	43.50	-27.09	1.50 V	0	34.29	-17.88	
3	176.12	16.15 QP	43.50	-27.35	1.50 V	0	33.92	-17.77	
4	232.08	17.85 QP	46.00	-28.15	1.50 V	0	35.63	-17.78	
5	264.73	16.88 QP	46.00	-29.12	1.50 V	0	33.39	-16.51	
6	483.91	19.86 QP	46.00	-26.14	1.50 V	0	30.44	-10.58	

REMARKS:

- 1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
- 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
- 3. The emission levels of other frequencies were greater than 20dB margin.
- 4. 9KHz~30MHz have been test and test data more than 20dB margin.
- 5. Margin value = Emission level Limit value.



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ABOVE 1GHz WORST-CASE DATA:

CHANNEL	TX Low Channel	DETECTOR	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz	FUNCTION	Average (AV)

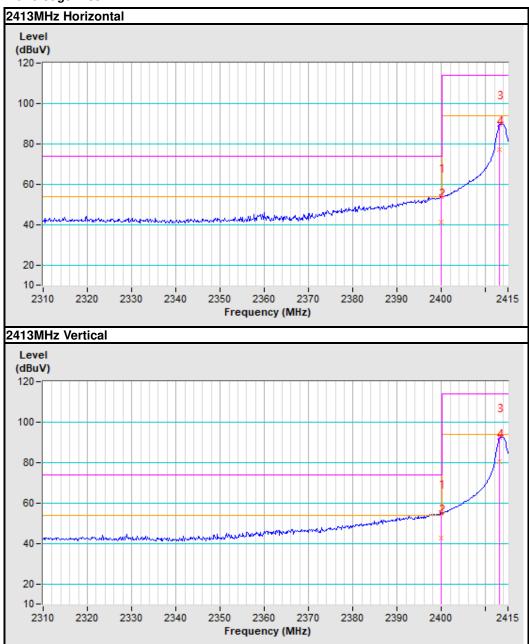
	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)	
1	2400.00	53.69 PK	74.00	-20.31	1.00 H	125	50.86	2.83	
2	2400.00	41.28 AV	54.00	-12.72	1.00 H	125	38.45	2.83	
3	*2413.00	89.72 PK	114.00	-24.28	1.00 H	125	86.84	2.88	
4	*2413.00	77.31 AV	94.00	-16.69	1.00 H	125	74.43	2.88	
5	4826.00	51.00 PK	74.00	-23.00	1.00 H	166	43.77	7.23	
6	4826.00	38.59 AV	54.00	-15.41	1.00 H	166	31.36	7.23	
7	7239.00	53.00 PK	74.00	-21.00	1.00 H	154	43.01	9.99	
8	7239.00	40.59 AV	54.00	-13.41	1.00 H	154	30.60	9.99	
		ANTENNA	POLARITY	& TEST DI	STANCE : V	ERTICAL A	T 3 M		
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)	
1	2400.00	54.99 PK	74.00	-19.01	1.00 V	154	52.16	2.83	
2	2400.00	42.58 AV	54.00	-11.42	1.00 V	154	39.75	2.83	
3	*2413.00	92.62 PK	114.00	-21.38	1.00 V	154	89.74	2.88	
4	*2413.00	80.21 AV	94.00	-13.79	1.00 V	154	77.33	2.88	
5	4826.00	50.59 PK	74.00	-23.41	1.00 V	168	43.36	7.23	
6	4826.00	38.18 AV	54.00	-15.82	1.00 V	168	30.95	7.23	
7	7239.00	53.14 PK	74.00	-20.86	1.00 V	157	43.15	9.99	
8	7239.00	40.73 AV	54.00	-13.27	1.00 V	157	30.74	9.99	

REMARK:

- 1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
- 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
- 3. The emission levels of other frequencies were greater than 20dB margin.
- 4. Margin value = Emission level Limit value.
- 5. " * ": Fundamental frequency.



Band edge Plot



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CHANNEL	TX Middle Channel	DETECTOR	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz	FUNCTION	Average (AV)

	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)	
1	*2442.00	91.34 PK	114.00	-22.66	1.00 H	122	88.38	2.96	
2	*2442.00	78.93 AV	94.00	-15.07	1.00 H	122	75.97	2.96	
3	4884.00	51.85 PK	74.00	-22.15	1.00 H	125	44.20	7.65	
4	4884.00	39.44 AV	54.00	-14.56	1.00 H	125	31.79	7.65	
5	7326.00	53.77 PK	74.00	-20.23	1.00 H	125	43.65	10.12	
6	7326.00	41.36 AV	54.00	-12.64	1.00 H	125	31.24	10.12	
		ANTENNA	POLARITY	& TEST DI	STANCE : V	ERTICAL A	T 3 M		
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)	
1	*2442.00	92.55 PK	114.00	-21.45	1.00 V	128	89.59	2.96	
2	*2442.00	80.14 AV	94.00	-13.86	1.00 V	128	77.18	2.96	
3	4882.00	51.01 PK	74.00	-22.99	1.00 V	10	43.38	7.63	
4	4882.00	38.60 AV	54.00	-15.40	1.00 V	10	30.97	7.63	
5	7326.00	53.10 PK	74.00	-20.90	1.00 V	158	42.98	10.12	
6	7326.00	40.69 AV	54.00	-13.31	1.00 V	158	30.57	10.12	

REMARKS:

- 1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
- 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
- 3. The emission levels of other frequencies were greater than 20dB margin.
- 4. Margin value = Emission level Limit value.
- 5. " * ": Fundamental frequency.

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CHANNEL	TX High Channel	DETECTOR	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz	FUNCTION	Average (AV)

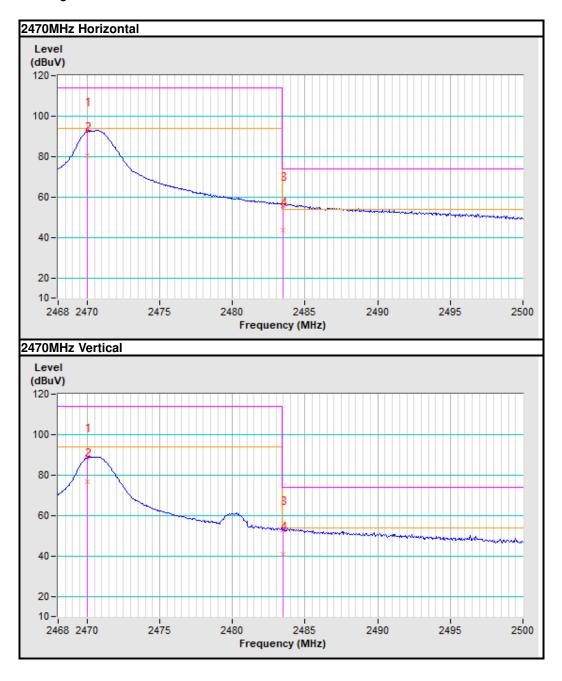
		ANITENINIA	DOL A DITY	TECT DIC	TANOE: UO	DIZONTAL	AT O M		
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	TANCE: HO ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)	
1	*2470.00	92.81 PK	114.00	-21.19	1.00 H	125	89.76	3.05	
2	*2470.00	80.40 AV	94.00	-13.60	1.00 H	125	77.35	3.05	
3	2483.50	55.85 PK	74.00	-18.15	1.00 H	125	52.77	3.08	
4	2483.50	43.44 AV	54.00	-10.56	1.00 H	125	40.36	3.08	
5	4940.00	52.47 PK	74.00	-21.53	1.57 H	135	44.40	8.07	
6	4940.00	40.06 AV	54.00	-13.94	1.57 H	135	31.99	8.07	
7	7410.00	54.00 PK	74.00	-20.00	1.00 H	147	43.77	10.23	
8	7410.00	41.59 AV	54.00	-12.41	1.00 H	147	31.36	10.23	
ANTENNA POLARITY & TEST DISTANCE : VERTICAL AT 3 M									
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)	
1	*2470.00	89.00 PK	114.00	-25.00	1.20 V	115	85.95	3.05	
2	*2470.00	76.59 AV	94.00	-17.41	1.20 V	115	73.54	3.05	
3	2483.50	52.99 PK	74.00	-21.01	1.20 V	115	49.91	3.08	
4	2483.50	40.58 AV	54.00	-13.42	1.20 V	115	37.50	3.08	
5	4940.00	52.45 PK	74.00	-21.55	1.21 V	154	44.38	8.07	
6	4940.00	40.04 AV	54.00	-13.96	1.21 V	154	31.97	8.07	
7	7410.00	54.96 PK	74.00	-19.04	1.57 V	133	44.73	10.23	
8	7410.00	42.55 AV	54.00	-11.45	1.57 V	133	32.32	10.23	

REMARK:

- 1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
- 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
- 3. The emission levels of other frequencies were greater than 20dB margin.
- 4. Margin value = Emission level Limit value.
- 5. " * ": Fundamental frequency.



Band edge Plot



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4.2 20dB BANDWIDTH MEASUREMENT

4.2.1 LIMITS OF 20dB BANDWIDTH MEASUREMENT

According to FCC 15.215(c), must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.

4.2.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Next Cal.
Power Sensor	Keysight	U2021XA	MY57320002	Feb. 23, 23
Power Meter	Anritsu	ML2495A	1139001	Aug. 22, 23
Power Sensor	Anritsu	MA2411B	1531155	Aug. 22, 23
Digital Multimeter	FLUKE	15B	A1220010DG	N/A
Humid & Temp Programmable Tester	Haida	HD-225T	110807201	Nov. 03, 22
Oscilloscope	Agilent	DSO9254A	MY51260160	Jul. 27, 23
Signal and Spectrum Analyzer	Rohde&Schwarz	FSV40	101094	Jan. 16, 24
Signal Generator	Agilent	N5183A	MY50140980	Jul. 20, 23
MXG-B RF Vector Signal Generator	Keysight	N5182B	MY56200288	Jul. 20, 23
BLUETOOTH TESTER	Rohde&Schwarz	CBT32	100811	N/A
Attenuator	MINI	BW-S10W2+	S130129FGE2	N/A
DC Source	Keysight	E3642A	MY56146098	N/A
Test software	ADT	ADT_RF Test Software V6.6.5.3	N/A	N/A

NOTE:

- 1. The test was performed in RF Oven room.
- 2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.



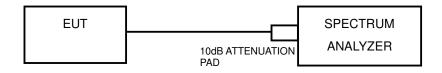
4.2.3 TEST PROCEDURE

- a. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
- b. Turn on the EUT and connect it to measurement instrument. Then set it to any one convenient frequency within its operating range. Set a reference level on the measuring instrument equal to the highest peak value.
- c. Measure the frequency difference of two frequencies that were attenuated 20dB from the reference level. Record the frequency difference as the emission bandwidth.
- d. Repeat above procedures until all frequencies measured were complete.

4.2.4 DEVIATION FROM TEST STANDARD

No deviation.

4.2.5 TEST SETUP



4.2.6 EUT OPERATING CONDITIONS

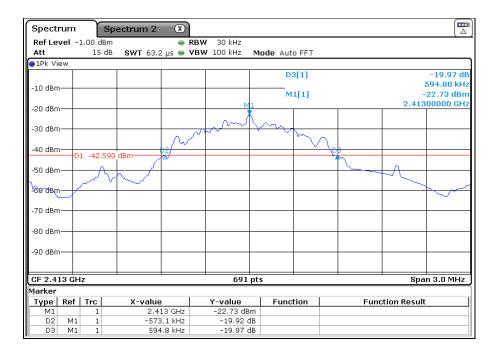
- a) Turned on the power of all equipment.
- b) EUT was operated according to the type used was description in manufacturer's specifications or the User's Manual.



4.2.7 TEST RESULTS

CHANNEL	CHANNEL FREQUENCY (MHz)	20dB BANDWIDTH (MHz)	
Low	2413	0.5948	
Middle	2442	0.6122	
High	2470	0.6035	

Test Data: Low channel

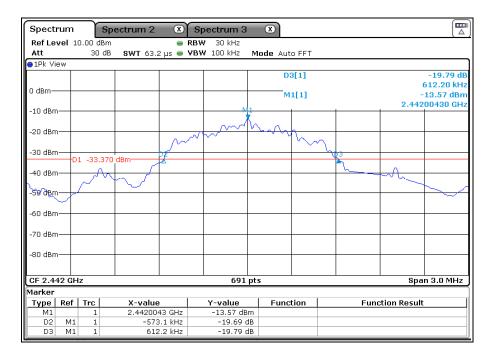


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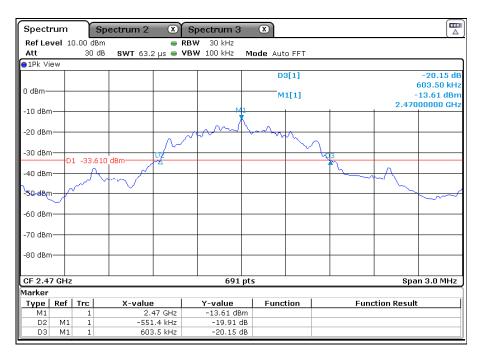
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Test Data: Middle channel



Test Data: High channel



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5. PHOTOGRAPHS OF THE TEST CONFIGURATION

Please refer to the attached file (Test Setup Photo).

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APPENDIX A - MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.

---END---