TEST REPORT

Product Name	:	True wireless earbud
Brand Mark	:	ENACFIRE
Model No.	:	IT100, E90
FCC ID	:	2AXI9IT100
Report Number	:	BLA-EMC-202009-A2102
Date of Sample Receipt	:	2020/9/07
Date of Test	:	2020/9/07 to 2020/9/27
Date of Issue	:	2020/9/27
Test Standard	:	47 CFR Part 15, Subpart C 15.247
Test Result	:	Pass

Prepared for:

Shenzhen RB-LINK Intelligent Technology Co., Ltd

Room 401, Building C , Runhe Industrial Park, Zhentou Road,Nandong,Huangpu Community,Xinqiao Street , Baoan District ,Shenzhen

Prepared by:

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Review by: Sweet. Liang

Approved by: Kmen Li

Date: 2020/9/27

BlueAsia of Technical Services(Shenzhen) Co.,Ltd. BLA

REPORT REVISE RECORD

Version No.	Date	Description
00	2020/9/27	Original

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1 TEST SUMMARY

Test item	Test Requirement	Test Method	Class/Severity	Result
Antenna Requirement	47 CFR Part 15, Subpart C 15.247	N/A	47 CFR Part 15, Subpart C 15.203 & 15.247(c)	Pass
Conducted Peak Output Power	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 7.8.5	47 CFR Part 15, Subpart C 15.247(b)(3)	Pass
Conducted Emissions at AC Power Line (150kHz-30MHz)	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 6.2	47 CFR Part 15, Subpart C 15.207	Pass
Radiated Spurious Emissions	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 6.4,6.5,6.6	47 CFR Part 15, Subpart C 15.209 & 15.247(d)	Pass
Radiated Emissions which fall in the restricted bands	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 6.10.5	47 CFR Part 15, Subpart C 15.209 & 15.247(d)	Pass
Conducted Spurious Emissions	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 7.8.6 & Section 11.11	47 CFR Part 15, Subpart C 15.247(d)	Pass
Conducted Band Edges Measurement	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 7.8.8 & Section 11.13.3.2	47 CFR Part 15, Subpart C 15.247(d)	Pass
Dwell Time	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 7.8.4	47 CFR Part 15, Subpart C 15.247a(1)(iii)	Pass
Hopping Channel Number	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 7.8.3	47 CFR Part 15, Subpart C 15.247a(1)(iii)	Pass
Carrier Frequencies Separation	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 7.8.2	47 CFR Part 15, Subpart C 15.247a(1)	Pass
20dB Bandwidth	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 7.8.7	47 CFR Part 15, Subpart C 15.247(a)(1)	Pass

2 GENERAL INFORMATION

Applicant	Shenzhen RB-LINK Intelligent Technology Co., Ltd
Address	Room 401, Building C , Runhe Industrial Park, Zhentou Road,Nandong,Huangpu Community,Xinqiao Street , Baoan District ,Shenzhen
Manufacturer	Shenzhen RB-LINK Intelligent Technology Co., Ltd
Address	Room 401, Building C , Runhe Industrial Park, Zhentou Road,Nandong,Huangpu Community,Xinqiao Street , Baoan District ,Shenzhen
Factory	Shenzhen RB-LINK Intelligent Technology Co., Ltd
Address	Room 401, Building C , Runhe Industrial Park, Zhentou Road,Nandong,Huangpu Community,Xinqiao Street , Baoan District ,Shenzhen
Product Name	True wireless earbud
Test Model No.	IT100

3 GENERAL DESCRIPTION OF E.U.T.

Hardware Version	IT100_QCC3020_V2.0_20200723
Software Version	IT100-200522-renzheng.xuv

Operation Frequency:	2402MHz-2480MHz
Modulation Type:	GFSK, π/4 DQPSK, 8DPSK
Channel Spacing:	1MHz
Number of Channels:	79
Antenna Type:	Chip Antenna
Antenna Gain:	1.06 dBi(Provided by the customer)

4 TEST ENVIRONMENT

Environment	Temperature	Voltage
Normal	+25°C	3.7Vdc

5 TEST MODE

TEST MODE	TEST MODE DESCRIPTION
TX	Keep the EUT in transmitting mode
TX mode (SE) below 1G	Keep the EUT in transmitting mode
TX mode (SE) Above 1G	Keep the EUT in transmitting mode
TX Low channel	Keep the EUT in continuously transmitting mode in low channel
TX middle channel	Keep the EUT in continuously transmitting mode in middle channel
TX high channel	Keep the EUT in continuously transmitting mode in high channel
Remark: hopping and non hopping mode all have been tested, non hopping mode is worse case for RE. Full battery is used during all test except ac conducted emission, DH1,DH3, DH5 all have been tested, during the test, GFSK, Pi/4QPSK, 8-DPSK modulation were all pre-scanned Only the GFSK, Pi/4QPSK 8DPSK of the worst mode would be recorded in this report.	

6 MEASUREMENT UNCERTAINTY

Parameter	Expanded Uncertainty (Confidence of 95%)
Radiated Emission	±4.34dB
Radiated Emission	±4.24dB
Radiated Emission	±4.68dB
AC Power Line Conducted Emission	±3.45dB

Parameter	Expanded Uncertainty (Confidence of 95%)
Occupied Channel Bandwidth	±5 %
RF output power, conducted	±1.5 dB
Power Spectral Density, conducted	±3.0 dB
Unwanted Emissions, conducted	±3.0 dB
Temperature	±3 °C
Supply voltages	±3 %
Time	±5 %
Radiated Emission (30MHz ~ 1000MHz)	±4.35 dB
Radiated Emission (1GHz ~ 18GHz)	±4.44 dB

7 DESCRIPTION OF SUPPORT UNIT

Device Type	Manufacturer	Model Name	Serial No.	Remark
AC Adapter	UGREEN	CD112	N/A	N/A
PC	HASEE	K610D	N/A	N/A

8 LABORATORY LOCATION

All tests were performed at:
BlueAsia of Technical Services(Shenzhen) Co., Ltd.
IOT Test Centre of BlueAsia
No. 448 Bulong Road, Bantian Street, Longgang District, Shenzhen,China
Telephone: TEL: +86-755-28682673 FAX: +86-755-28682673
Tests were sub-contracted:
Radiation test is conducted by Global United Technology Services Co., Ltd.
No. 123-128, Tower A, Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, sBaoan District, Shenzhen, Guangdong, China 518102
FCC —Registration No.: 381383
Job No.: GTS202009000155

9 TEST INSTRUMENTS LIST

Test Equipment Of Conducted Spurious Emissions					
Equipment	**Manufacturer**	**Model**	**S/N**	**Cal.Date**	**Cal.Due**
Spectrum	R&S	FSP40	100817	7/1/2020	6/30/2021
Spectrum	Agilent	N9020A	MY49100060	12/17/2019	12/16/2020
Signal Generator	Agilent	N5182A	MY49060650	12/17/2019	12/16/2020
Signal Generator	Agilent	E8257D	MY44320250	4/20/2020	4/19/2021

Test Equipment Of Hopping Channel Number					
Equipment	**Manufacturer**	**Model**	**S/N**	**Cal.Date**	**Cal.Due**
Spectrum	R&S	FSP40	100817	7/1/2020	6/30/2021
Spectrum	Agilent	N9020A	MY49100060	12/17/2019	12/16/2020
Signal Generator	Agilent	N5182A	MY49060650	12/17/2019	12/16/2020
Signal Generator	Agilent	E8257D	MY44320250	4/20/2020	4/19/2021

Test Equipment Of Carrier Frequencies Separation					
Equipment	**Manufacturer**	**Model**	**S/N**	**Cal.Date**	**Cal.Due**
Spectrum	R&S	FSP40	100817	7/1/2020	6/30/2021
Spectrum	Agilent	N9020A	MY49100060	12/17/2019	12/16/2020
Signal Generator	Agilent	N5182A	MY49060650	12/17/2019	12/16/2020
Signal Generator	Agilent	E8257D	MY44320250	4/20/2020	4/19/2021

Test Equipment Of 20dB Bandwidth					
Equipment	**Manufacturer**	**Model**	**S/N**	**Cal.Date**	**Cal.Due**

Spectrum	R&S	FSP40	100817	7/1/2020	6/30/2021
Spectrum	Agilent	N9020A	MY49100060	12/17/2019	12/16/2020
Signal Generator	Agilent	N5182A	MY49060650	12/17/2019	12/16/2020
Signal Generator	Agilent	E8257D	MY44320250	4/20/2020	4/19/2021

Test Equipment Of Conducted Peak Output Power					
Equipment	**Manufacturer**	**Model**	**S/N**	**Cal.Date**	**Cal.Due**
Spectrum	R&S	FSP40	100817	7/1/2020	6/30/2021
Spectrum	Agilent	N9020A	MY49100060	12/17/2019	12/16/2020
Signal Generator	Agilent	N5182A	MY49060650	12/17/2019	12/16/2020
Signal Generator	Agilent	E8257D	MY44320250	4/20/2020	4/19/2021

Test Equipment Of Conducted Emissions at AC Power Line (150kHz-30MHz)					
Equipment	**Manufacturer**	**Model**	**S/N**	**Cal.Date**	**Cal.Due**
Shield room	SKET	833	N/A	6/10/2018	6/9/2021
Receiver	R&S	ESPI3	101082	4/20/2020	4/19/2021
LISN	R&S	ENV216	3560.6550.15	7/1/2020	6/30/2021
LISN	AT	AT166-2	AKK1806000003	12/17/2019	12/16/2020
EMI software	EZ	EZ-EMC	N/A	N/A	N/A

Radiated Emission:						
Item	**Test Equipment**	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal.Date (mm-dd-yy)**	**Cal.Due date (mm-dd-yy)**
1	3m Semi- Anechoic Chamber	ZhongYu Electron	9.2(L)*6.2(W)* 6.4(H)	GTS250	July. 02 2020	July. 01 2025
2	Control Room	ZhongYu Electron	6.2(L)*2.5(W)* 2.4(H)	GTS251	N/A	N/A
3	EMI Test Receiver	Rohde & Schwarz	ESU26	GTS203	June. 25 2020	June. 24 2021
4	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	GTS214	June. 25 2020	June. 24 2021

5	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120 D	GTS208	June. 25 2020	June. 24 2021
6	Horn Antenna	ETS-LINDGREN	3160	GTS217	June. 25 2020	June. 24 2021
7	EMI Test Software	AUDIX	E3	N/A	N/A	N/A
8	Coaxial Cable	GTS	N/A	GTS213	June. 25 2020	June. 24 2021
9	Coaxial Cable	GTS	N/A	GTS211	June. 25 2020	June. 24 2021
10	Coaxial cable	GTS	N/A	GTS210	June. 25 2020	June. 24 2021
11	Coaxial Cable	GTS	N/A	GTS212	June. 25 2020	June. 24 2021
12	Amplifier(100kHz-3GHz)	HP	8347A	GTS204	June. 25 2020	June. 24 2021
13	Amplifier(2GHz-20GHz)	HP	84722A	GTS206	June. 25 2020	June. 24 2021
14	Amplifier (18-26GHz)	Rohde & Schwarz	AFS33-18002 650-30-8P-44	GTS218	June. 25 2020	June. 24 2021
15	Band filter	Amindeon	82346	GTS219	June. 25 2020	June. 24 2021
16	Power Meter	Anritsu	ML2495A	GTS540	June. 25 2020	June. 24 2021
17	Power Sensor	Anritsu	MA2411B	GTS541	June. 25 2020	June. 24 2021
18	Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	GTS575	June. 25 2020	June. 24 2021
19	Splitter	Agilent	11636B	GTS237	June. 25 2020	June. 24 2021
20	Loop Antenna	ZHINAN	ZN30900A	GTS534	June. 25 2020	June. 24 2021
21	Breitband hornantenne	SCHWARZBECK	BBHA 9170	GTS579	Oct. 19 2019	Oct. 18 2020
22	Amplifier	TDK	PA-02-02	GTS574	Oct. 19 2019	Oct. 18 2020
23	Amplifier	TDK	PA-02-03	GTS576	Oct. 19 2019	Oct. 18 2020
24	PSA Series Spectrum Analyzer	Rohde & Schwarz	FSP	GTS578	June. 25 2020	June. 24 2021

Test Equipment Of Conducted Band Edges Measurement

Equipment	Manufacturer	Model	S/N	Cal.Date	Cal.Due
Spectrum	R&S	FSP40	100817	7/1/2020	6/30/2021
Spectrum	Agilent	N9020A	MY49100060	12/17/2019	12/16/2020
Signal Generator	Agilent	N5182A	MY49060650	12/17/2019	12/16/2020
Signal Generator	Agilent	E8257D	MY44320250	4/20/2020	4/19/2021

Test Equipment Of Dwell Time

Equipment	Manufacturer	Model	S/N	Cal.Date	Cal.Due
Spectrum	R&S	FSP40	100817	7/1/2020	6/30/2021
Spectrum	Agilent	N9020A	MY49100060	12/17/2019	12/16/2020
Signal Generator	Agilent	N5182A	MY49060650	12/17/2019	12/16/2020

Signal Generator	Agilent	E8257D	MY44320250	4/20/2020	4/19/2021

ANTENNA REQUIREMENT

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	N/A

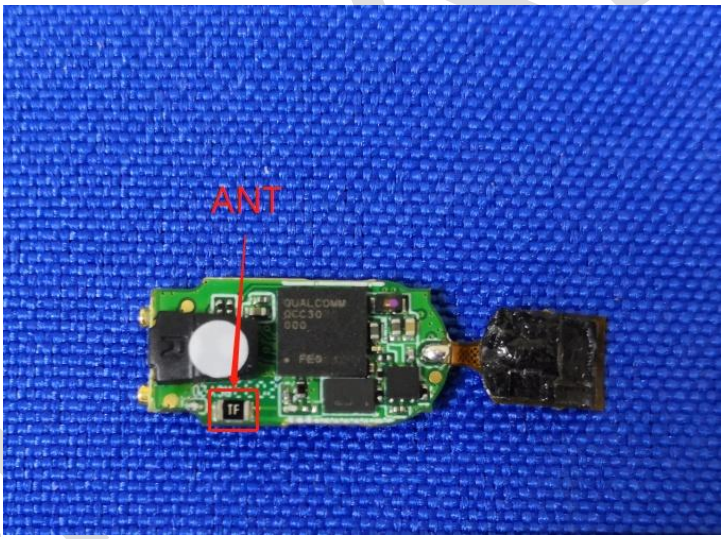
CONCLUSION

Standard 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 antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit permanently attached antenna or of an so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

EUT Antenna:

The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the antenna is 1.06dBi



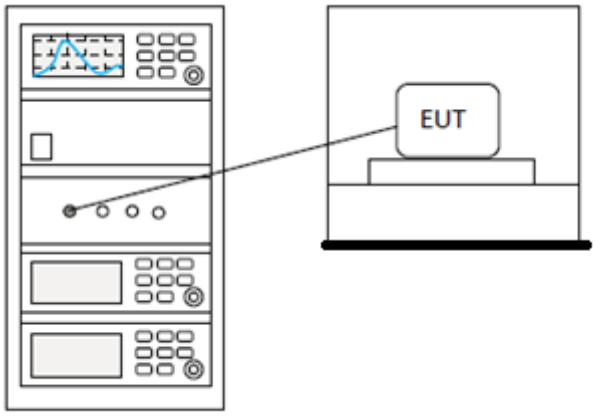
CONDUCTED PEAK OUTPUT POWER

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.5
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25℃
Humidity	60%

LIMITS

Frequency range(MHz)	Output power of the intentional radiator(watt)
902-928	1 for ≥50 hopping channels
	0.25 for 25≤ hopping channels <50
	1 for digital modulation
2400-2483.5	1 for ≥75 non-overlapping hopping channels
	0.125 for all other frequency hopping systems
	1 for digital modulation
5725-5850	1 for frequency hopping systems and digital modulation

BLOCK DIAGRAM OF TEST SETUP



TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details

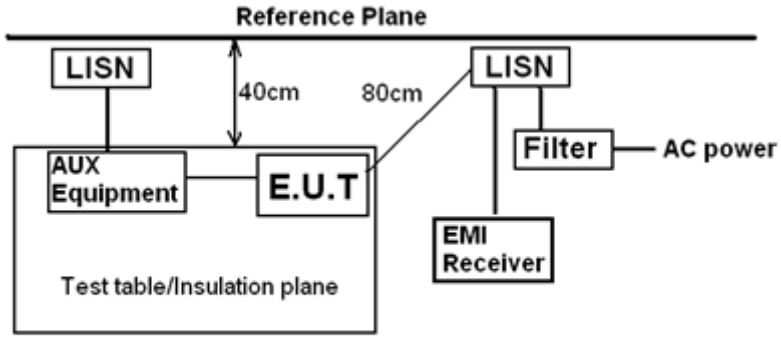
CONDUCTED EMISSIONS AT AC POWER LINE (150KHZ-30MHZ)

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 6.2
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25℃
Humidity	60%

LIMITS

Frequency of emission(MHz)	Conducted limit(dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50
*Decreases with the logarithm of the frequency.		

BLOCK DIAGRAM OF TEST SETUP



Remark
E.U.T: Equipment Under Test
LISN: Line Impedence Stabilization Network
Test table height=0.8m

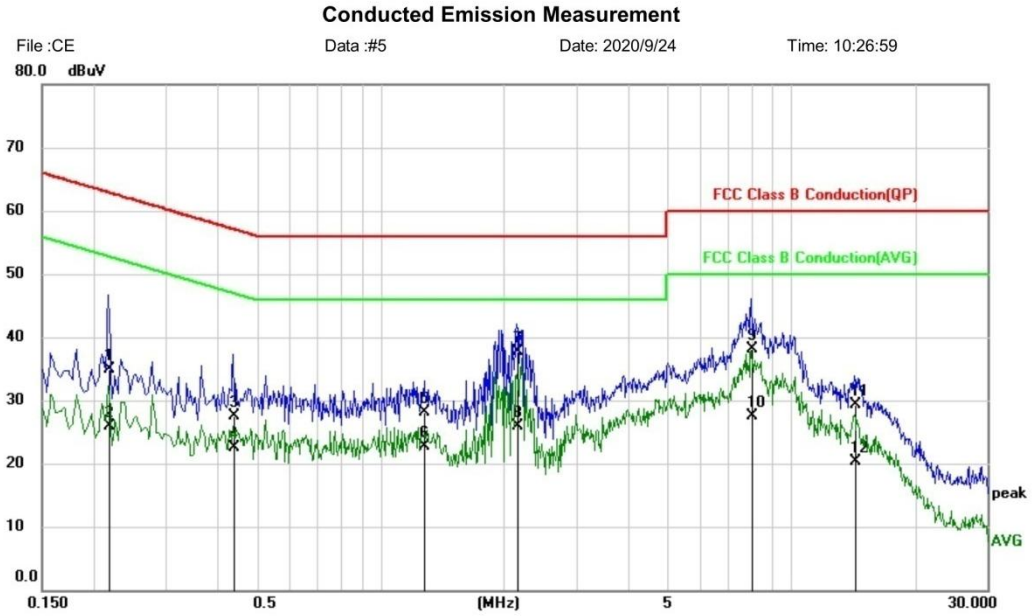
PROCEDURE

1) The mains terminal disturbance voltage test was conducted in a shielded room.
2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50ohm/50?H + 5ohm linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.

3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,
4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.
5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.
Remark: LISN=Read Level+ Cable Loss+ LISN Factor

TEST DATA

[TestMode: TX]; [Line: Line]



Site
Limit: FCC Class B Conduction(QP)
EUT: Ture wireless earbuds
M/N: IT100
Mode: BT mode
Note:

Phase: *L1*
Power: AC 120V 60Hz

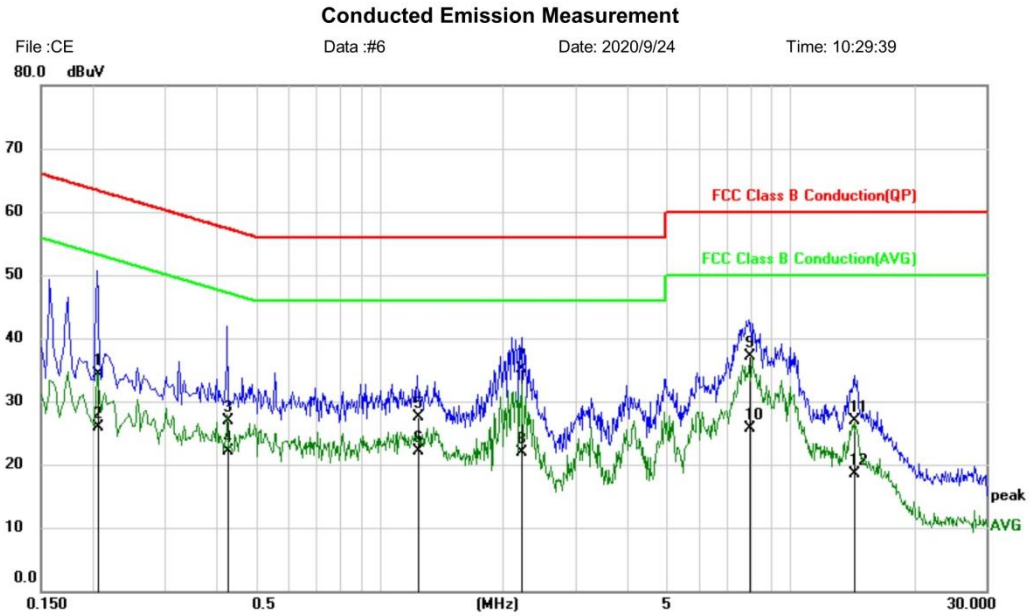
Temperature: 26
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2180	24.93	9.90	34.83	62.89	-28.06	QP	
2		0.2180	16.08	9.90	25.98	52.89	-26.91	AVG	
3		0.4380	17.85	9.69	27.54	57.10	-29.56	QP	
4		0.4380	12.90	9.69	22.59	47.10	-24.51	AVG	
5		1.2780	18.30	9.82	28.12	56.00	-27.88	QP	
6		1.2780	12.97	9.82	22.79	46.00	-23.21	AVG	
7	*	2.1460	27.87	9.82	37.69	56.00	-18.31	QP	
8		2.1460	16.11	9.82	25.93	46.00	-20.07	AVG	
9		7.9820	28.33	9.87	38.20	60.00	-21.80	QP	
10		7.9820	17.63	9.87	27.50	50.00	-22.50	AVG	
11		14.2340	19.31	9.96	29.27	60.00	-30.73	QP	
12		14.2340	10.25	9.96	20.21	50.00	-29.79	AVG	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Test Result: Pass

[TestMode: TX]; [Line: Nutral]



Site
Phase: N
Temperature: 26
Limit: FCC Class B Conduction(QP)
Power: AC 120V 60Hz
Humidity: 60 %
EUT: Ture wireless earbuds
M/N: IT100
Mode: BT mode
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2060	24.52	9.88	34.40	63.37	-28.97	QP	
2		0.2060	15.96	9.88	25.84	53.37	-27.53	AVG	
3		0.4260	17.11	9.70	26.81	57.33	-30.52	QP	
4		0.4260	12.33	9.70	22.03	47.33	-25.30	AVG	
5		1.2420	17.62	9.83	27.45	56.00	-28.55	QP	
6		1.2420	12.36	9.83	22.19	46.00	-23.81	AVG	
7	*	2.2220	25.17	9.86	35.03	56.00	-20.97	QP	
8		2.2220	12.09	9.86	21.95	46.00	-24.05	AVG	
9		7.9580	27.32	9.87	37.19	60.00	-22.81	QP	
10		7.9580	15.86	9.87	25.73	50.00	-24.27	AVG	
11		14.3420	16.90	10.01	26.91	60.00	-33.09	QP	
12		14.3420	8.42	10.01	18.43	50.00	-31.57	AVG	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Test Result: Pass

RADIATED SPURIOUS EMISSIONS

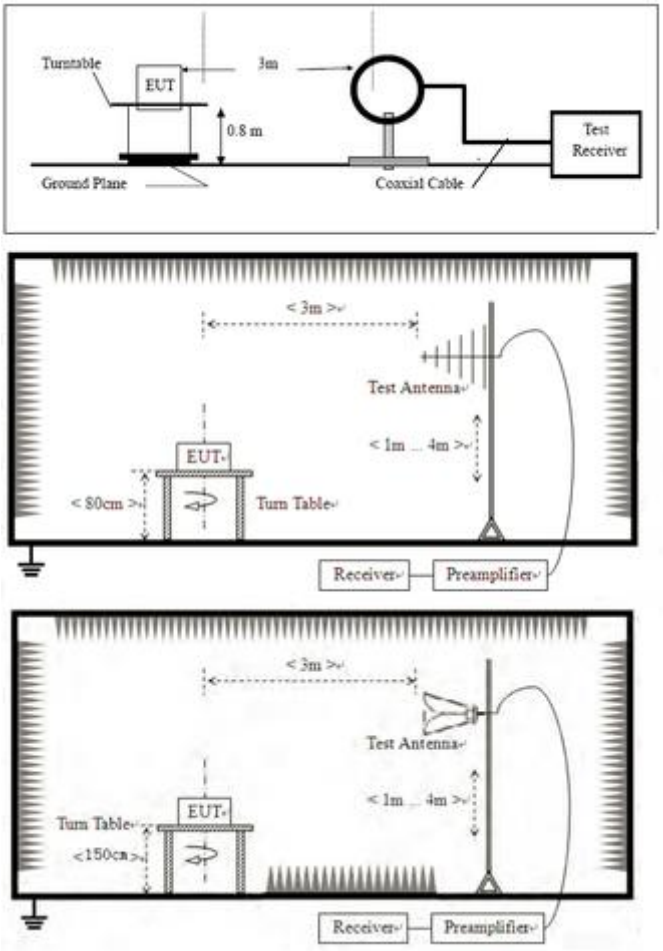
Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 6.4,6.5,6.6
Test Mode (Pre-Scan)	TX mode (SE) below 1G;TX mode (SE) Above 1G;TX Low channel;TX middle channel;TX high channel
Test Mode (Final Test)	TX mode (SE) below 1G;TX mode (SE) Above 1G;TX Low channel;TX middle channel;TX high channel
Tester	Jozu
Temperature	25℃
Humidity	60%

LIMITS

Frequency(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

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

BLOCK DIAGRAM OF TEST SETUP



PROCEDURE

a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
d. The antenna 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.
e. 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 (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

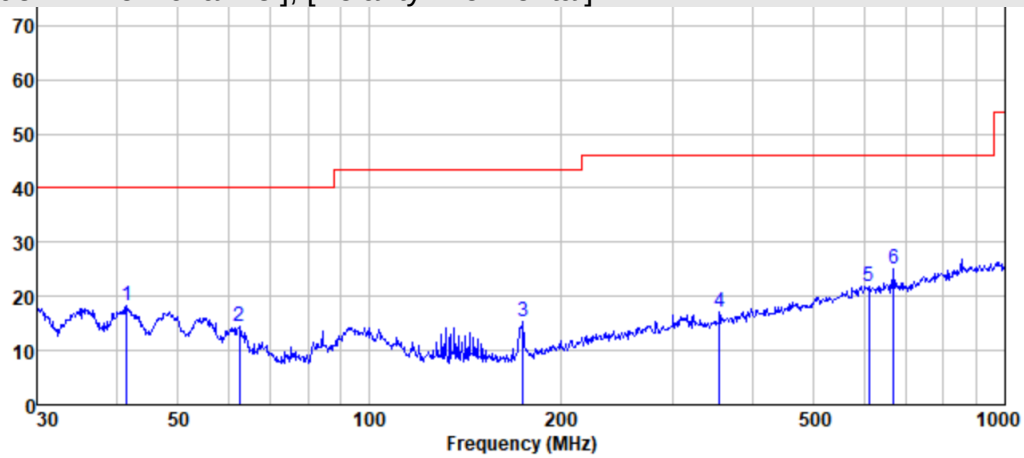
h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
j. Repeat above procedures until all frequencies measured was complete.

Remark:
1) For emission below 1GHz, through pre-scan found the worst case is the lowest channel. Only the worst case is recorded in the report.
2) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
Final Test Level =Receiver Reading + Antenna Factor + Cable Factor ¨C Preamplifier Factor
3) Scan from 9kHz to 25GHz, the disturbance above 18GHz and below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
4) For frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

TEST DATA

Remark: During the test, pre-scan the GFSK, Pi/4QPSK, 8-DPSK modulation, and found the 8-DPSK modulation which it is worse case.

[TestMode: TX Low channel]; [Polarity: Horizontal]

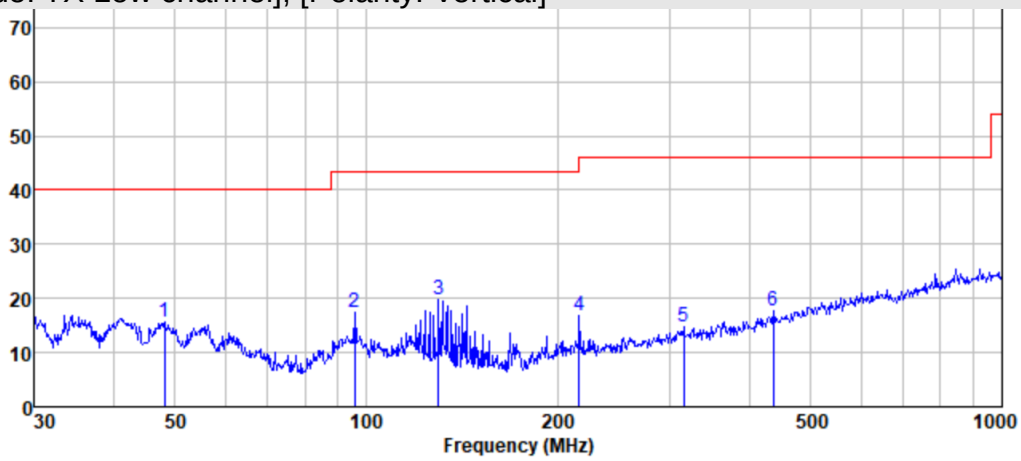


Condition : FCC CLASS-B 3m HORIZONTAL
Job.No : GTS202009000155
Test Mode : TX2402
Test Engineer: Jacob
Remark :

	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	41.567	41.12	12.22	35.75	0.68	18.27	40.00	-21.73	QP
2	62.431	39.70	10.38	36.35	0.88	14.61	40.00	-25.39	QP
3	174.424	42.21	8.67	37.21	1.71	15.38	43.50	-28.12	QP
4	355.427	37.34	14.61	37.48	2.64	17.11	46.00	-28.89	QP
5	609.922	36.23	19.51	37.55	3.76	21.95	46.00	-24.05	QP
6	668.142	39.07	19.57	37.60	3.97	25.01	46.00	-20.99	QP

Test Result: Pass

[TestMode: TX Low channel]; [Polarity: Vertical]

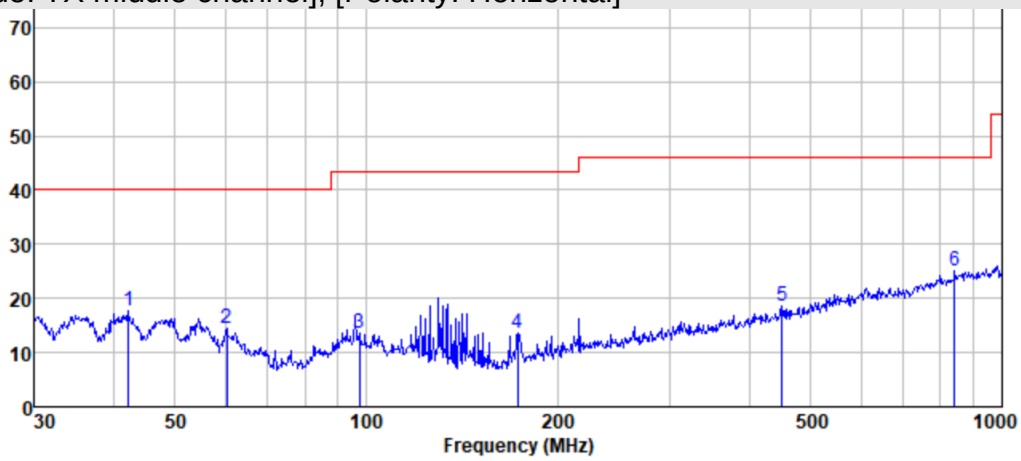


Condition : FCC CLASS-B 3m VERTICAL
Job.No : GTS202009000155
Test Mode : TX2402
Test Engineer: Jacob
Remark :

	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	48.163	38.60	12.28	36.09	0.75	15.54	40.00	-24.46	QP
2	95.762	41.24	11.59	36.69	1.16	17.30	43.50	-26.20	QP
3	129.923	47.17	8.20	36.95	1.44	19.86	43.50	-23.64	QP
4	216.024	41.16	11.02	37.35	1.93	16.76	46.00	-29.24	QP
5	315.481	35.82	13.90	37.44	2.44	14.72	46.00	-31.28	QP
6	437.120	36.16	16.12	37.52	3.03	17.79	46.00	-28.21	QP

Test Result: Pass

[TestMode: TX middle channel]; [Polarity: Horizontal]

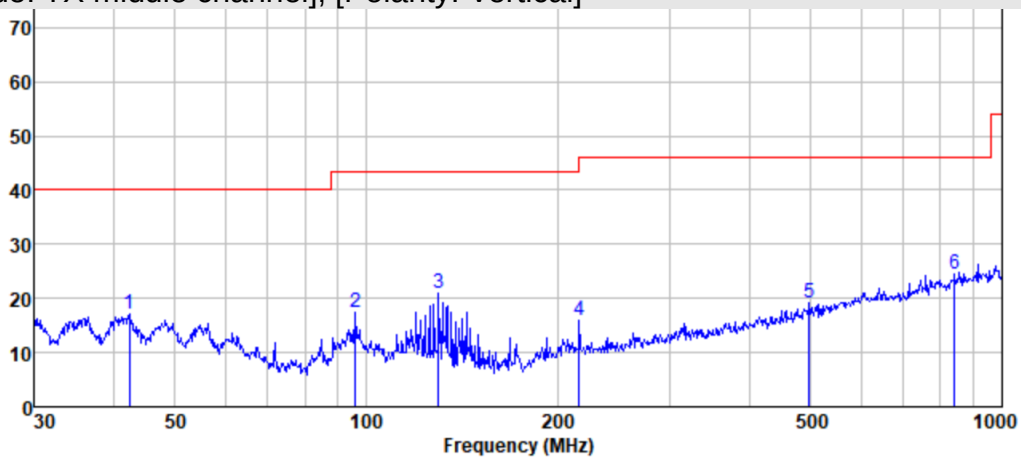


Condition : FCC CLASS-B 3m HORIZONTAL
Job.No : GTS202009000155
Test Mode : TX2441
Test Engineer: Jacob
Remark :

	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	42.302	40.48	12.23	35.79	0.69	17.61	40.00	-22.39	QP
2	60.280	38.80	11.18	36.33	0.86	14.51	40.00	-25.49	QP
3	97.456	37.34	11.86	36.70	1.17	13.67	43.50	-29.83	QP
4	173.205	40.49	8.63	37.20	1.70	13.62	43.50	-29.88	QP
5	451.135	36.62	16.40	37.51	3.09	18.60	46.00	-27.40	QP
6	842.130	36.19	21.78	37.61	4.63	24.99	46.00	-21.01	QP

Test Result: Pass

[TestMode: TX middle channel]; [Polarity: Vertical]

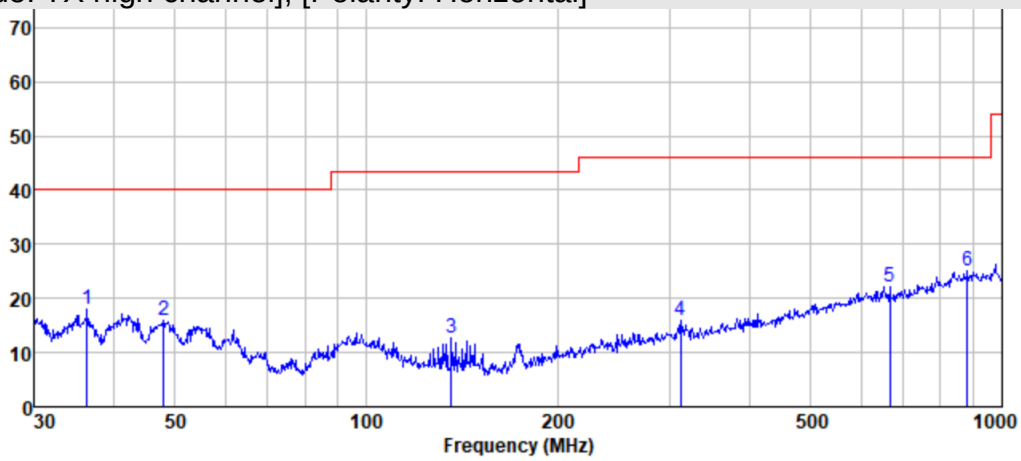


Condition : FCC CLASS-B 3m VERTICAL
Job.No : GTS202009000155
Test Mode : TX2441
Test Engineer: Jacob
Remark :

	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	42.451	39.98	12.23	35.80	0.69	17.10	40.00	-22.90	QP
2	96.099	41.33	11.65	36.69	1.16	17.45	43.50	-26.05	QP
3	129.923	48.35	8.20	36.95	1.44	21.04	43.50	-22.46	QP
4	216.024	40.47	11.02	37.35	1.93	16.07	46.00	-29.93	QP
5	497.677	36.26	17.26	37.51	3.29	19.30	46.00	-26.70	QP
6	842.130	35.74	21.78	37.61	4.63	24.54	46.00	-21.46	QP

Test Result: Pass

[TestMode: TX high channel]; [Polarity: Horizontal]

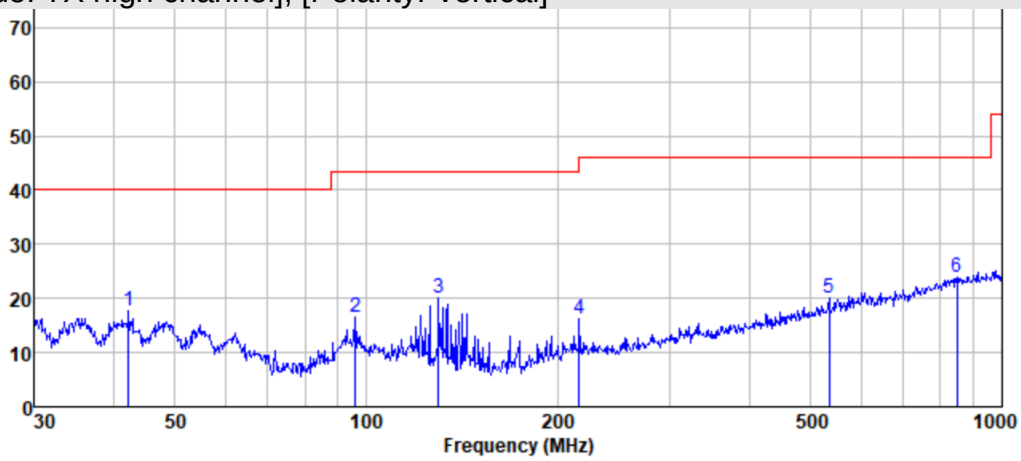


Condition : FCC CLASS-B 3m HORIZONTAL
Job.No : GTS202009000155
Test Mode : TX2480
Test Engineer: Jacob
Remark :

	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	36.381	41.20	11.58	35.45	0.62	17.95	40.00	-22.05	QP
2	47.994	38.90	12.28	36.09	0.75	15.84	40.00	-24.16	QP
3	135.982	40.58	7.73	36.99	1.48	12.80	43.50	-30.70	QP
4	312.179	37.14	13.85	37.43	2.42	15.98	46.00	-30.02	QP
5	665.804	36.14	19.57	37.60	3.97	22.08	46.00	-23.92	QP
6	881.407	35.73	22.13	37.60	4.79	25.05	46.00	-20.95	QP

Test Result: Pass

[TestMode: TX high channel]; [Polarity: Vertical]



Condition : FCC CLASS-B 3m VERTICAL
Job.No : GTS202009000155
Test Mode : TX2480
Test Engineer: Jacob
Remark :

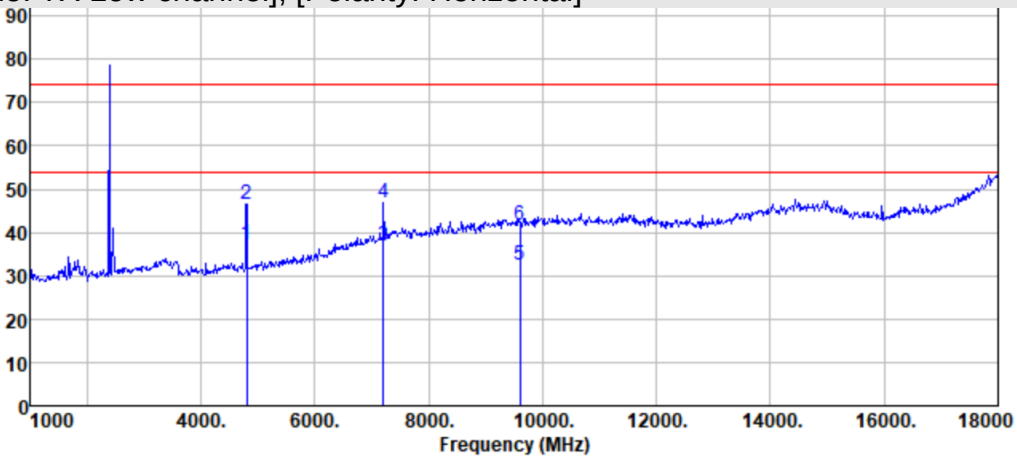
	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	42.302	40.48	12.23	35.79	0.69	17.61	40.00	-22.39	QP
2	96.099	40.49	11.65	36.69	1.16	16.61	43.50	-26.89	QP
3	129.923	47.42	8.20	36.95	1.44	20.11	43.50	-23.39	QP
4	216.024	40.68	11.02	37.35	1.93	16.28	46.00	-29.72	QP
5	533.832	36.12	18.07	37.52	3.46	20.13	46.00	-25.87	QP
6	848.056	35.01	21.85	37.61	4.65	23.90	46.00	-22.10	QP

Test Result: Pass

Above 1GHz

Remark: During the test, pre-scan the GFSK, Pi/4QPSK, 8-DPSK modulation, and found the 8-DPSK modulation which it is worse case.

[TestMode: TX Low channel]; [Polarity: Horizontal]

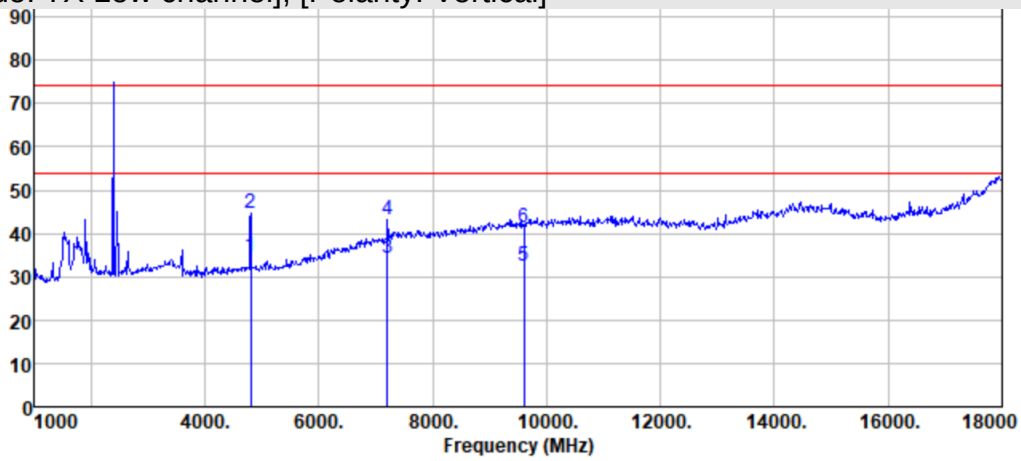


Condition : FCC PART 15 (PK) 3m HORIZONTAL
Job.No : GTS202009000122
Test Mode : TX2402
Test Engineer: hans
Remark :

	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	4804.000	39.19	31.20	37.73	4.61	37.27	54.00	-16.73	Average
2	4804.000	48.25	31.20	37.73	4.61	46.33	74.00	-27.67	Peak
3	7206.000	29.99	36.16	35.63	6.48	37.00	54.00	-17.00	Average
4	7206.000	39.86	36.16	35.63	6.48	46.87	74.00	-27.13	Peak
5	9608.000	21.62	37.93	34.94	7.97	32.58	54.00	-21.42	Average
6	9608.000	30.63	37.93	34.94	7.97	41.59	74.00	-32.41	Peak

Test Result: Pass

[TestMode: TX Low channel]; [Polarity: Vertical]

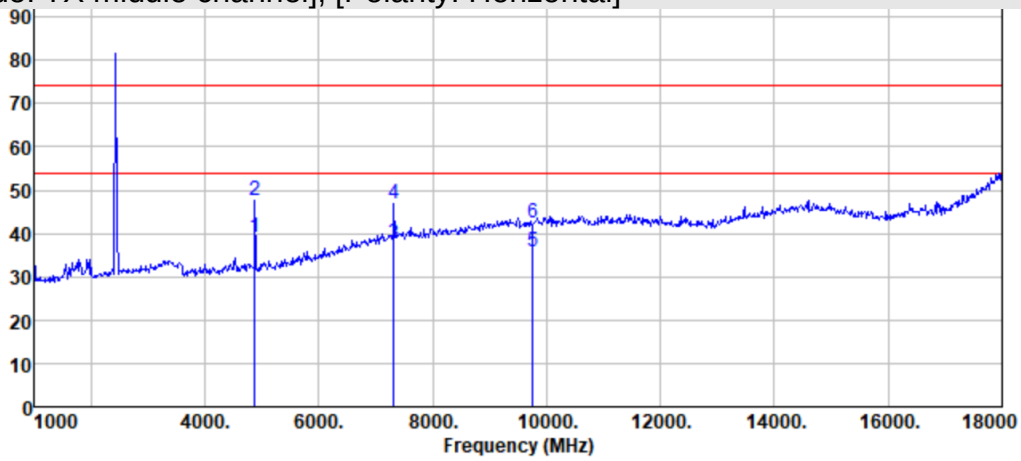


Condition : FCC PART 15 (PK) 3m VERTICAL
Job.No : GTS202009000122
Test Mode : TX2402
Test Engineer: hans
Remark :

	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	4804.000	36.77	31.20	37.73	4.61	34.85	54.00	-19.15	Average
2	4804.000	46.52	31.20	37.73	4.61	44.60	74.00	-29.40	Peak
3	7206.000	27.21	36.16	35.63	6.48	34.22	54.00	-19.78	Average
4	7206.000	36.31	36.16	35.63	6.48	43.32	74.00	-30.68	Peak
5	9608.000	21.56	37.93	34.94	7.97	32.52	54.00	-21.48	Average
6	9608.000	30.27	37.93	34.94	7.97	41.23	74.00	-32.77	Peak

Test Result: Pass

[TestMode: TX middle channel]; [Polarity: Horizontal]

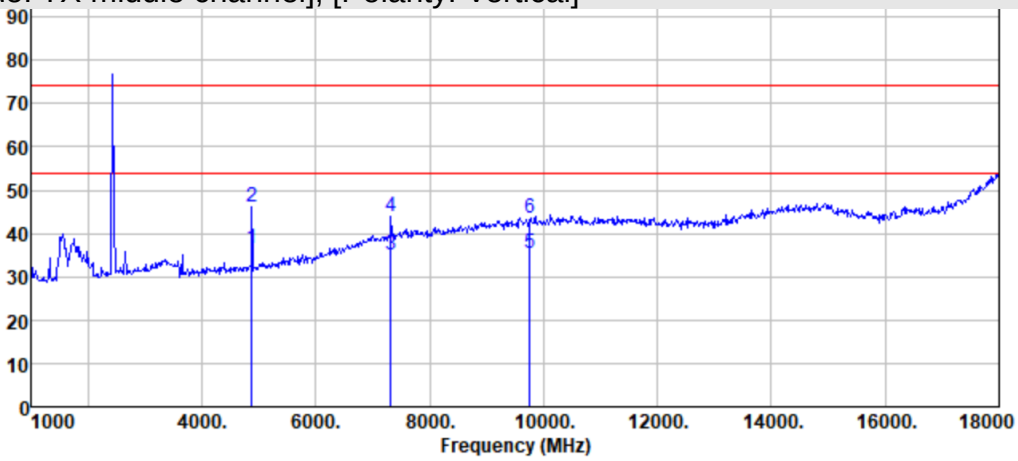


Condition : FCC PART 15 (PK) 3m HORIZONTAL
Job.No : GTS202009000122
Test Mode : TX2441
Test Engineer: hans
Remark :

	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	4882.000	40.88	31.33	37.76	4.69	39.14	54.00	-14.86	Average
2	4882.000	49.42	31.33	37.76	4.69	47.68	74.00	-26.32	Peak
3	7323.000	30.14	36.43	35.60	6.63	37.60	54.00	-16.40	Average
4	7323.000	39.28	36.43	35.60	6.63	46.74	74.00	-27.26	Peak
5	9764.000	24.56	38.10	35.03	8.03	35.66	54.00	-18.34	Average
6	9764.000	31.16	38.10	35.03	8.03	42.26	74.00	-31.74	Peak

Test Result: Pass

[TestMode: TX middle channel]; [Polarity: Vertical]

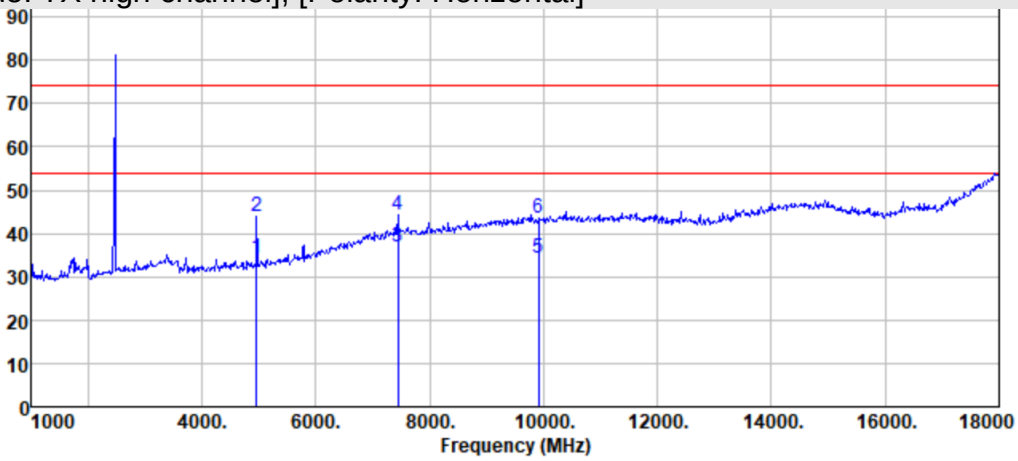


Condition : FCC PART 15 (PK) 3m VERTICAL
Job.No : GTS202009000122
Test Mode : TX2441
Test Engineer: hans
Remark :

	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	4882.000	38.37	31.33	37.76	4.69	36.63	54.00	-17.37	Average
2	4882.000	47.78	31.33	37.76	4.69	46.04	74.00	-27.96	Peak
3	7323.000	27.56	36.43	35.60	6.63	35.02	54.00	-18.98	Average
4	7323.000	36.50	36.43	35.60	6.63	43.96	74.00	-30.04	Peak
5	9764.000	24.50	38.10	35.03	8.03	35.60	54.00	-18.40	Average
6	9764.000	32.50	38.10	35.03	8.03	43.60	74.00	-30.40	Peak

Test Result: Pass

[TestMode: TX high channel]; [Polarity: Horizontal]

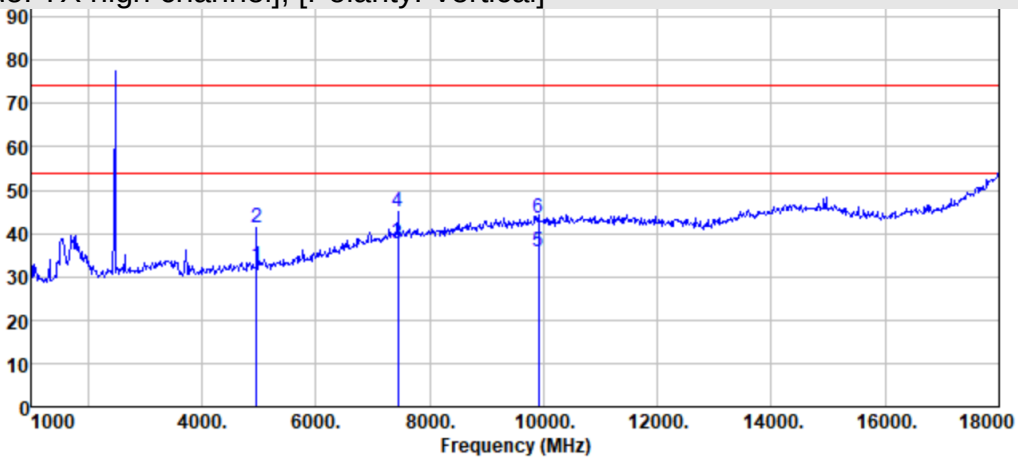


Condition : FCC PART 15 (PK) 3m HORIZONTAL
Job.No : GTS202009000122
Test Mode : TX2480
Test Engineer: hans
Remark :

	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	4960.000	35.90	31.44	37.78	4.79	34.35	54.00	-19.65	Average
2	4960.000	45.43	31.44	37.78	4.79	43.88	74.00	-30.12	Peak
3	7440.000	28.92	36.66	35.56	6.77	36.79	54.00	-17.21	Average
4	7440.000	36.51	36.66	35.56	6.77	44.38	74.00	-29.62	Peak
5	9920.000	23.11	38.30	35.14	8.09	34.36	54.00	-19.64	Average
6	9920.000	32.43	38.30	35.14	8.09	43.68	74.00	-30.32	Peak

Test Result: Pass

[TestMode: TX high channel]; [Polarity: Vertical]



Condition : FCC PART 15 (PK) 3m VERTICAL
Job.No : GTS202009000122
Test Mode : TX2480
Test Engineer: hans
Remark :

	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	4960.000	33.84	31.44	37.78	4.79	32.29	54.00	-21.71	Average
2	4960.000	42.79	31.44	37.78	4.79	41.24	74.00	-32.76	Peak
3	7440.000	29.89	36.66	35.56	6.77	37.76	54.00	-16.24	Average
4	7440.000	37.04	36.66	35.56	6.77	44.91	74.00	-29.09	Peak
5	9920.000	24.37	38.30	35.14	8.09	35.62	54.00	-18.38	Average
6	9920.000	32.30	38.30	35.14	8.09	43.55	74.00	-30.45	Peak

Test Result: Pass

RADIATED EMISSIONS WHICH FALL IN THE RESTRICTED BANDS

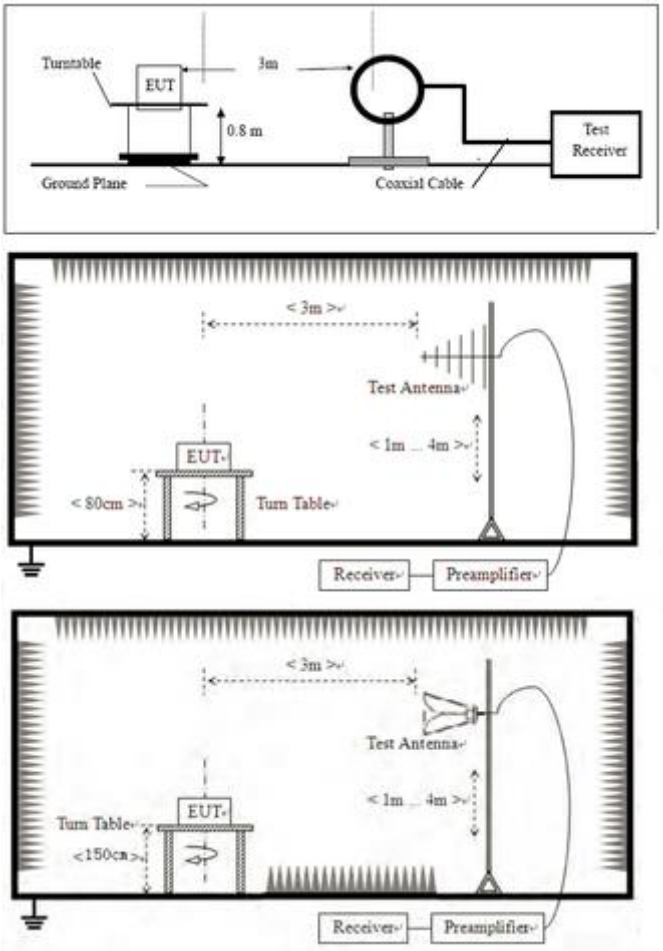
Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 6.10.5
Test Mode (Pre-Scan)	TX Low channel;TX high channel
Test Mode (Final Test)	TX Low channel;TX high channel
Tester	Jozu
Temperature	25℃
Humidity	60%

LIMITS

Frequency(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

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

BLOCK DIAGRAM OF TEST SETUP



PROCEDURE

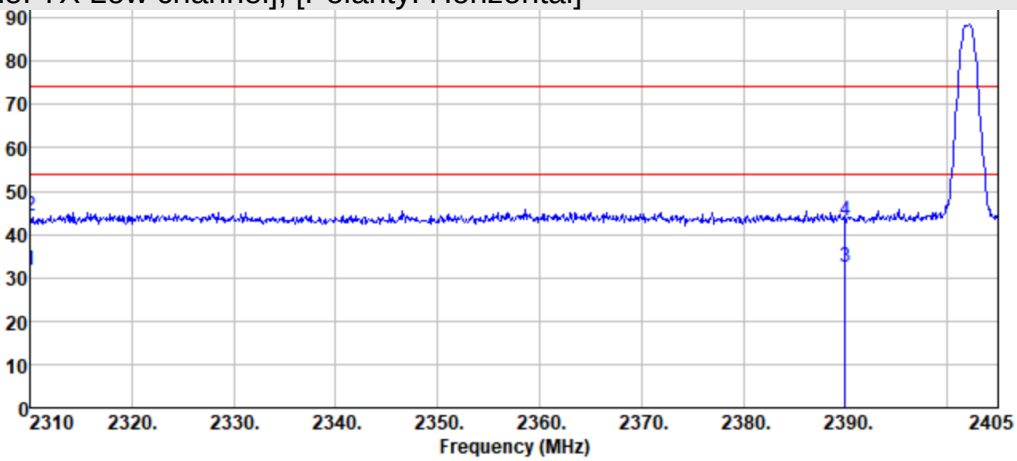
a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
d. The antenna 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.
e. 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 (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
j. Repeat above procedures until all frequencies measured was complete.
Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
Remark 2: For frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

TEST DATA

Remark: During the test, pre-scan the GFSK, Pi/4QPSK, 8-DPSK modulation, and found the 8-DPSK modulation which it is worse case.

[TestMode: TX Low channel]; [Polarity: Horizontal]

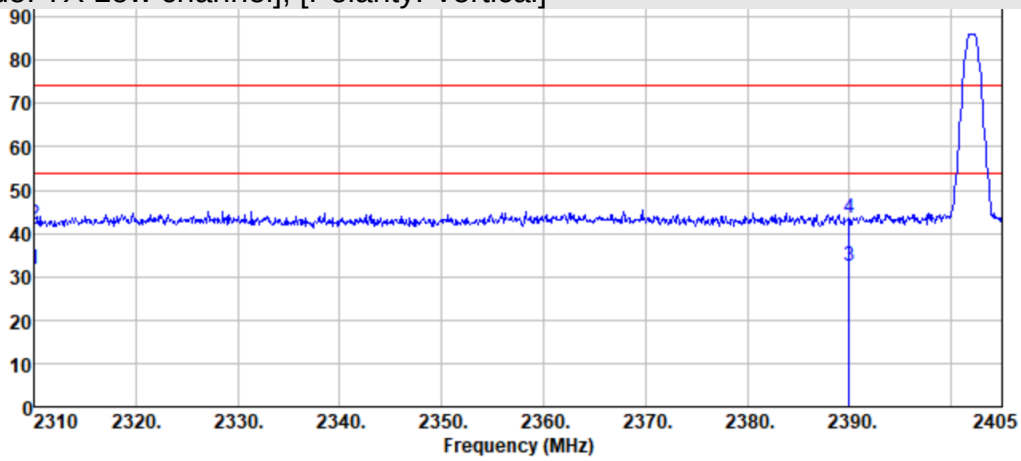


Condition : FCC PART 15 (PK) 3m HORIZONTAL
Job.No : GTS202009000155
Test Mode : TX2402
Test Engineer: hans
Remark :

	Freq	ReadLevel	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2310.000	32.31	27.14	30.43	2.81	31.83	54.00	-22.17	Average
2	2310.000	44.60	27.14	30.43	2.81	44.12	74.00	-29.88	Peak
3	2390.000	32.39	27.37	30.24	2.91	32.43	54.00	-21.57	Average
4	2390.000	43.30	27.37	30.24	2.91	43.34	74.00	-30.66	Peak

Test Result: Pass

[TestMode: TX Low channel]; [Polarity: Vertical]

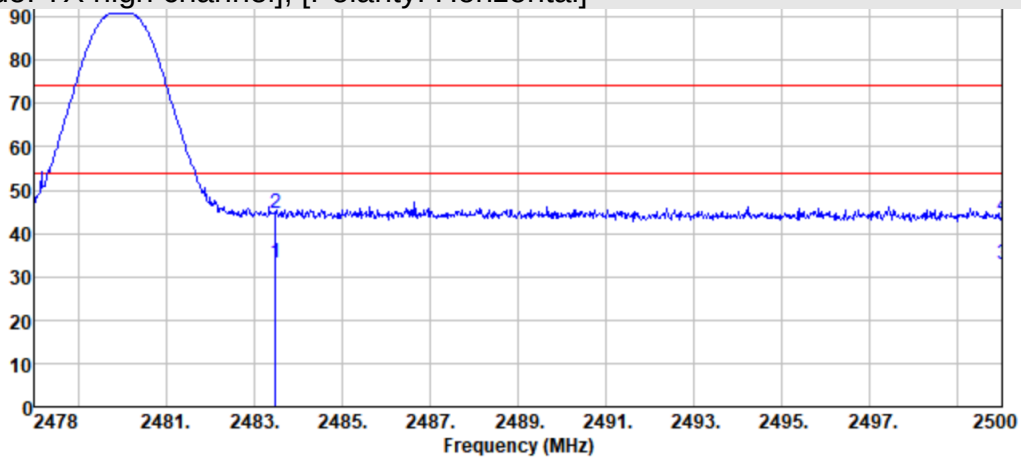


Condition : FCC PART 15 (PK) 3m VERTICAL
Job.No : GTS202009000155
Test Mode : TX2402
Test Engineer: hans
Remark :

	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2310.000	32.28	27.14	30.43	2.81	31.80	54.00	-22.20	Average
2	2310.000	42.63	27.14	30.43	2.81	42.15	74.00	-31.85	Peak
3	2390.000	32.30	27.37	30.24	2.91	32.34	54.00	-21.66	Average
4	2390.000	43.47	27.37	30.24	2.91	43.51	74.00	-30.49	Peak

Test Result: Pass

[TestMode: TX high channel]; [Polarity: Horizontal]

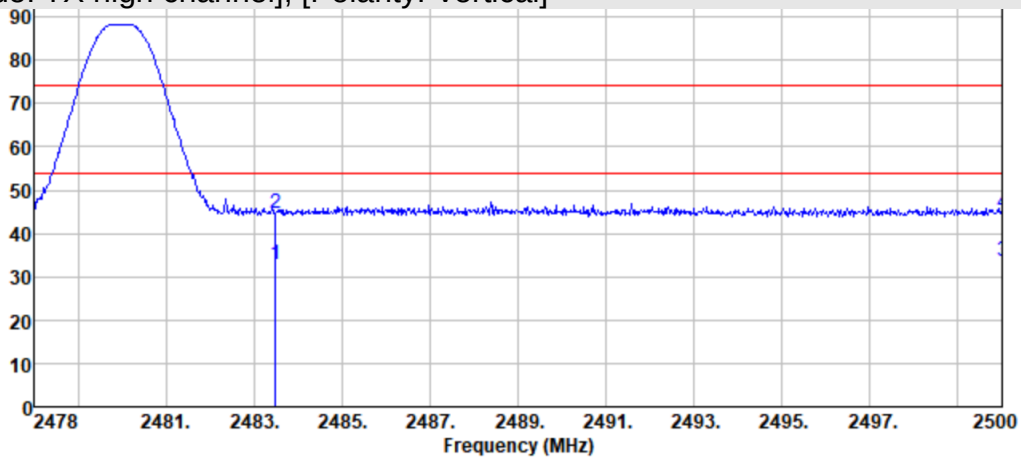


Condition : FCC PART 15 (PK) 3m HORIZONTAL
Job.No : GTS202009000155
Test Mode : TX2480
Test Engineer: hans
Remark :

	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	32.60	27.66	30.12	2.99	33.13	54.00	-20.87	Average
2	2483.500	44.23	27.66	30.12	2.99	44.76	74.00	-29.24	Peak
3	2500.000	32.34	27.70	30.13	3.01	32.92	54.00	-21.08	Average
4	2500.000	43.48	27.70	30.13	3.01	44.06	74.00	-29.94	Peak

Test Result: Pass

[TestMode: TX high channel]; [Polarity: Vertical]



Condition : FCC PART 15 (PK) 3m VERTICAL
Job.No : GTS202009000155
Test Mode : TX2480
Test Engineer: hans
Remark :

	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	32.47	27.66	30.12	2.99	33.00	54.00	-21.00	Average
2	2483.500	44.15	27.66	30.12	2.99	44.68	74.00	-29.32	Peak
3	2500.000	32.90	27.70	30.13	3.01	33.48	54.00	-20.52	Average
4	2500.000	43.93	27.70	30.13	3.01	44.51	74.00	-29.49	Peak

Test Result: Pass

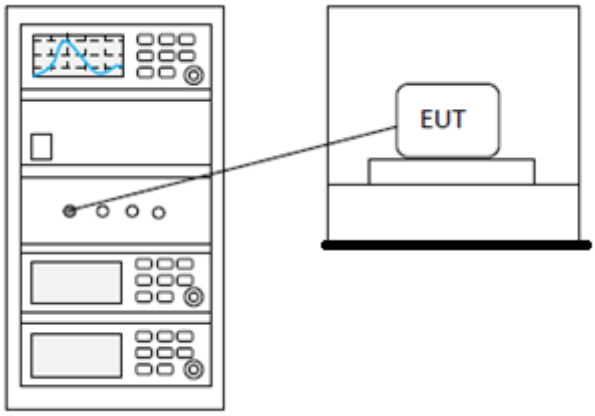
CONDUCTED SPURIOUS EMISSIONS

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.6 & Section 11.11
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25℃
Humidity	60%

LIMITS

Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. 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 in §15.209(a) (see §15.205(c)).

BLOCK DIAGRAM OF TEST SETUP



TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details

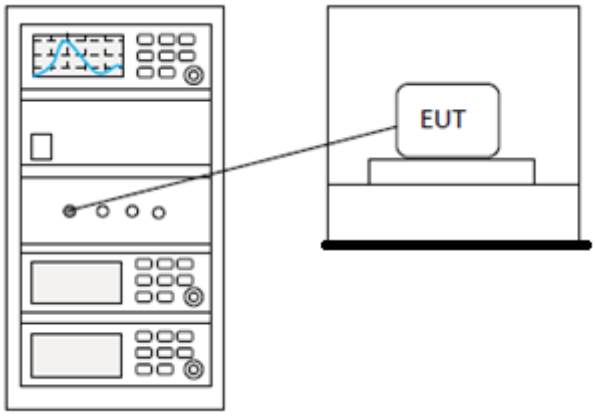
CONDUCTED BAND EDGES MEASUREMENT

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.8 & Section 11.13.3.2
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25℃
Humidity	60%

LIMITS

Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. 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 in §15.209(a) (see §15.205(c)).

BLOCK DIAGRAM OF TEST SETUP



TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details

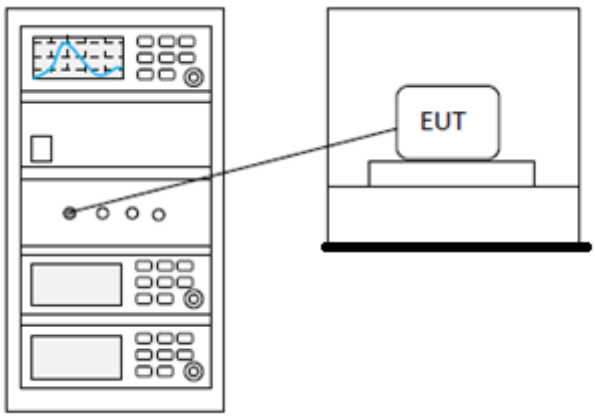
DWELL TIME

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.4
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25℃
Humidity	60%

LIMITS

Frequency(MHz)	Limit
902-928	0.4S within a 20S period(20dB bandwidth<250kHz)
	0.4S within a 10S period(20dB bandwidth≥250kHz)
2400-2483.5	0.4S within a period of 0.4S multiplied by the number of hopping channels
5725-5850	0.4S within a 30S period

BLOCK DIAGRAM OF TEST SETUP



TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details

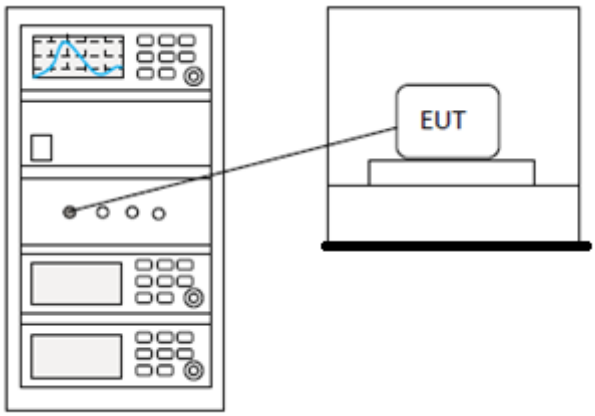
HOPPING CHANNEL NUMBER

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.3
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25℃
Humidity	60%

LIMITS

Frequency range(MHz)	Number of hopping channels (minimum)
902-928	50 for 20dB bandwidth <250kHz
	25 for 20dB bandwidth ≥250kHz
2400-2483.5	≥15
5725-5850	75

BLOCK DIAGRAM OF TEST SETUP



TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details

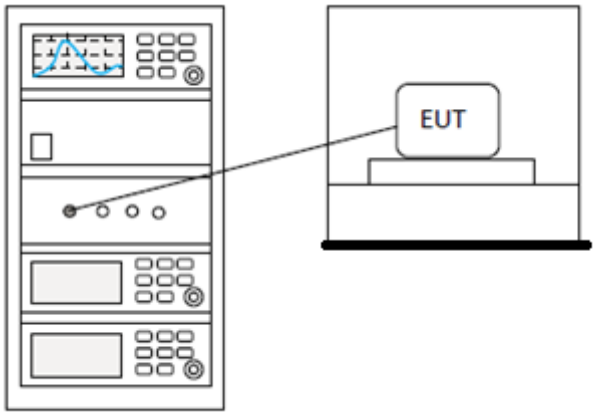
CARRIER FREQUENCIES SEPARATION

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.2
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25℃
Humidity	60%

LIMITS

Limit:	2/3 of the 20dB bandwidth base on the transmission power is less than 0.125W

BLOCK DIAGRAM OF TEST SETUP



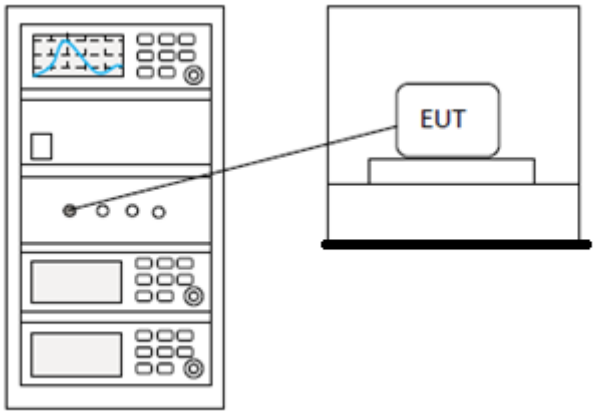
TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details

20DB BANDWIDTH

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.7
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25℃
Humidity	60%

BLOCK DIAGRAM OF TEST SETUP



TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details