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# **TEST REPORT**

# Part 15 Subpart C 15.247

**Equipment under test** 

Kint under testGaming HeadsetModel nameYY2977FCC IDAK8YY2977ApplicantSony Group CorporationManufacturerSony Group CorporationDate of test(s)2023.07.18 ~ 2023.07.21Date of issue2023.07.21

Wireless Noise Canceling

# Issued to

# Sony Group Corporation

1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan Tel: +81-50-3750-0068 / Fax : -

# Issued by KES Co., Ltd.

3701, 40, Simin-daero 365beon-gil, Dongan-gu, Anyang-si,

Gyeonggi-do, 14057, Korea

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Test and report completed by :	Report approval by :
	Z
Bong-Seok, Kim	Yeong-Jun, Cho
Test engineer	Technical manager

# This test report is not related to KS Q ISO/IEC 17025 and KOLAS



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### **Revision history**

Revision	Date of issue	Test report No.	Description
-	2023.07.20	KES-RF-23T0099	Initial
R1	2023.07.21	KES-RF-23T0099-R1	Output power, Power spectral density, Conducted spurious emissions & band edge Retest



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# 1. General information

Applicant:	Sony Group Corporation		
Applicant address:	1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan		
Test site:	KES Co., Ltd.		
Test site address:	3701, 40, Simin-daero 365beo	on-gil, Dongan-gu, Anyang-si,	
	Gyeonggi-do, 14057, Korea		
	🖂 473-21, Gayeo-ro, Yeoju-si, Gyeonggi-do, Korea		
Test Facility	FCC Accreditation Designation No.: KR0100, Registration No.: 444148		
FCC rule part(s):	FCC: 15.247		
FCC ID:	AK8YY2977		
Test device serial No.:	Production	Pre-production	Engineering

# 1.1. EUT description

Equipment under test	Wireless Noise Canceling Gaming Headset
Frequency range	2 402 MHz ~ 2 480 MHz (LE 1 Mbps)
	2 404 MHz ~ 2 478 MHz (LE 2 Mbps)
Model	YY2977
Modulation technique	GFSK (Bluetooth LE 1 Mbps / 2 Mbps)
Number of channels	2 402 MHz ~ 2 480 MHz (LE 1 Mbps) : 40 ch
	2 404 MHz ~ 2 478 MHz (LE 2 Mbps) : 37 ch
Antenna specification	LDS Antenna
	Earbuds (L) Peak gain : -2.17 dBi
	Earbuds (R) Peak gain : -2.95 dBi
Power source	DC 3.85 V (Battery)
FVIN	V0.5.1
Test Software	TM05 Earbud RF Spurious v0.0.1
	TM05 Earbud RF SingleTone v0.0.1
RF Power setting in Test SW	Default



# **1.2.** Test configuration

### The Sony Group Corporation // Wireless Noise Canceling Gaming Headset // YY2977 //

<u>FCC ID: AK8YY2977</u> was tested according to the specification of EUT, the EUT must comply with following standards and KDB documents.

FCC Part 15.247 KDB 558074 D01 v05 r02 ANSI C63.10-2013

# **1.3.** Information about derivative model N/A

#### 1.4. Accessory information

Equipment	Manufacturer	Model	Serial No.	Power source
Cradle	Sony Group Corporation	YY2977	-	Input DC 5 V

#### **1.5.** Sample calculation

Where relevant, the following sample calculation is provided For all conducted test items :

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Offset(dB) = RF cable loss(dB) + attenuator factor(dB). = 0.72 + 10 = 10.72 (dB)

For Radiation test :

Field strength level  $(^{dB}\mu V/m)$  = Measured level  $(^{dB}\mu V)$  + Antenna factor  $(^{dB})$  + Cable loss  $(^{dB})$  - Amplifier gain  $(^{dB})$ 

#### **1.6.** Measurement Uncertainty

Test Item		Uncertainty	
Uncertainty for Conduction emission test		2.22 dB (SHIELD ROOM #6)	
Uncertainty for Radiation emission test Below 101/2		4.04 dB (SAC #6)	
(include Fundamental emission)	Above 10Hz	5.32 dB (SAC #5)	
Note. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$ .			



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# **1.7.** Frequency/channel operations

Ch.	Frequency (Mbz)	Rate(Mbps)
00	2 402	LE 1 Mbps
	•	
19	2 440	LE 1 Mbps
39	2 480	LE 1 Mbps

Ch.	Frequency (Mbz)	Rate(Mbps)
01	2 404	LE 2 Mbps
· ·	•	•
18	2 440	LE 2 Mbps
•	•	•
37	2 478	LE 2 Mbps



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# 2. Summary of tests

Section in FCC Part 15	Test description	Test results
15.247(a)(2)	6 dB bandwidth	Pass
15.247(b)(3)	Output power	Pass
15.247(e)	Power spectral density	Pass
15.205 15.209	Radiated restricted band and emission	Pass
15.247(d)	Conducted spurious emission and band edge	Pass
15.207(a)	AC Conducted emissions	Pass <sup>note1</sup>
15.203	Antenna Requirement	Pass note2

#### Note

1.As the charging cradle is included, the EUT was mounted on the cradle and tested in a charging state.

2.Please check the antenna spec for the Antenna Requirement.



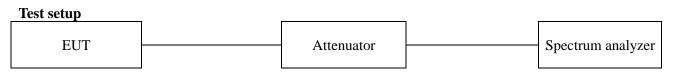
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3. Test results

# 3.1. 6 dB bandwidth

Test procedure

ANSI C63.10-2013 - Section 11.8.2



#### ANSI C63.10-2013 - Section 11.8.2

The automatic bandwidth measurement capability of an instrument may be employed using the X dB bandwidth mode with X set to 6 dB, if the functionality described above (i.e., RBW = 100 kHz,  $VBW \ge 3 \times RBW$ , peak detector with maximum hold) is implemented by the instrumentation function. When using this capability, care shall be taken so that the bandwidth measurement is not influenced by any intermediate power nulls in the fundamental emission that might be  $\ge 6 \text{ dB}$ .

#### Limit

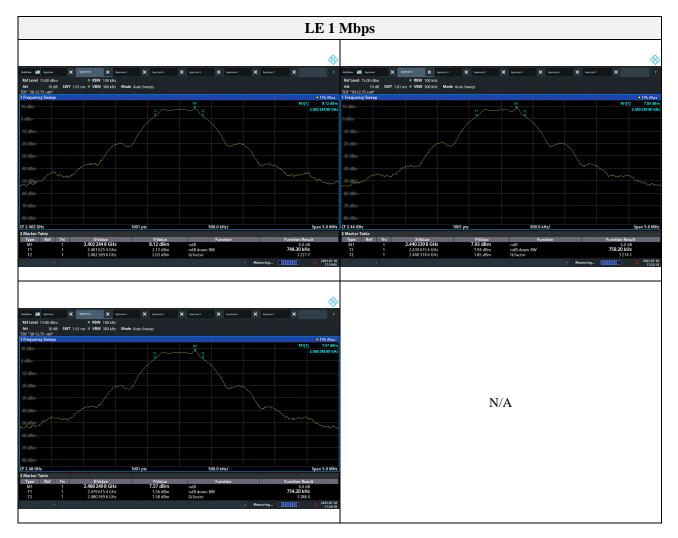
According to \$15.247(a)(2), systems using digital modulation techniques may operate  $902 \sim 928$  MHz,  $2400 \sim 2483.5$  MHz, and  $5725 \sim 5850$  MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.



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### Test results Mode : LE 1Mbps (Left Unit)

Frequency(Mz)	6 dB bandwidth(Mb)	Limit(Mb)
2 402	0.74	
2 440	0.76	$\geq 0.500$
2 480	0.75	

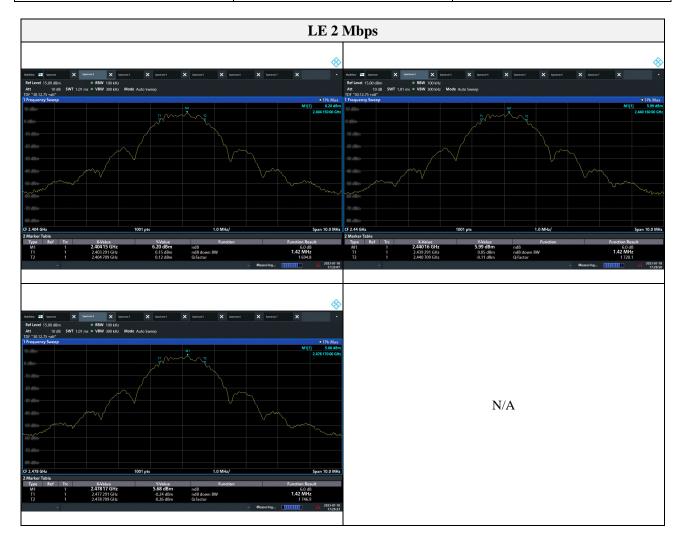




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#### Mode : LE 2Mbps (Left Unit)

Frequency(Mz)	6 dB bandwidth(Mb)	Limit(觃)
2 404	1.42	
2 440	1.42	$\geq 0.500$
2 478	1.42	

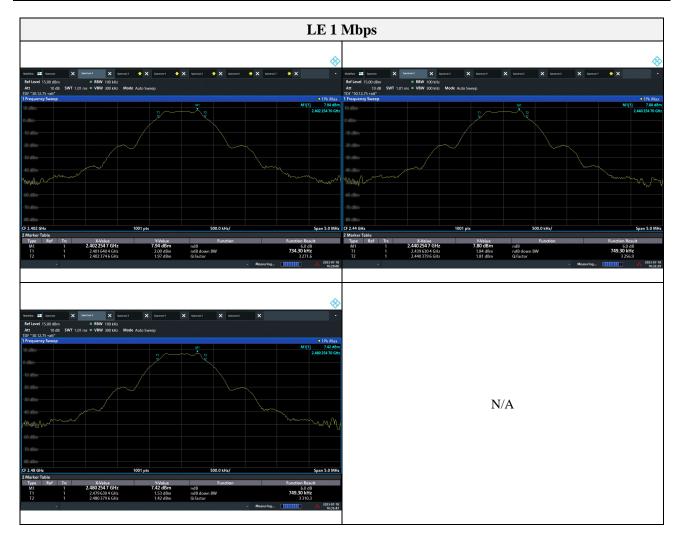




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#### Mode : LE 1Mbps (Right Unit)

Frequency(Mz)	6 dB bandwidth(Mb)	Limit(觃)
2 402	0.73	
2 440	0.75	$\geq 0.500$
2 480	0.75	

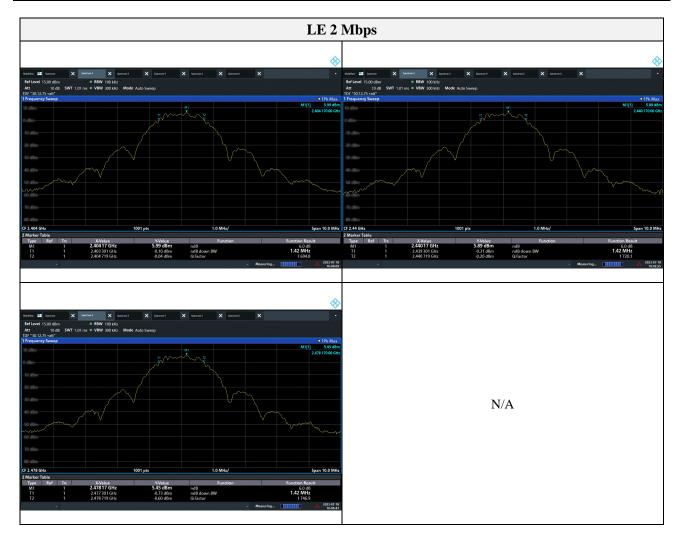




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#### Mode : LE 2Mbps (Right Unit)

Frequency(Mz)	6 dB bandwidth(Mz)	Limit(Mz)
2 404	1.42	
2 440	1.42	$\geq 0.500$
2 478	1.42	





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#### **3.2.** Output power

**Test procedure** 

ANSI C63.10-2013 - Section 11.9.1.3 and 11.9.2.3.2

#### Test setup



#### ANSI C63.10-2013 - Section 11.9.1.3

The maximum peak conducted output power may be measured using a broadband peak RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the DTS ba ndwidth and shall use a fast-responding diode detector.

#### ANSI C63.10-2013 - Section 11.9.2.3.2

Alternatively, measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Because the measurement is made only during the ON time of the transmitter, no duty cycle correction is required.

#### Limit

According to \$15.247(b)(3), For systems using digital modulation in the 902~928 Mz, 2 400~2 483.5 Mz, and 5 725~5 850 Mz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted out-put power. Maximum Conducted Out-put Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.



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## **Test results**

	2 40	2 MHz	2 44	0 MHz	2 48	0 MHz
Mode	Average (dBm)	Peak (dBm)	Average (dBm)	Peak (dBm)	Average (dBm)	Peak (dBm)
LE 1 Mbps (Left Unit)	8.11	8.25	8.06	8.20	8.07	8.27
LE 1 Mbps (Right Unit)	8.19	8.32	8.00	8.15	7.78	7.93

	2 40	4 MHz	2 44	0 MHz	2 47	8 MHz
Mode	Average (dBm)	Peak (dBm)	Average (dBm)	Peak (dBm)	Average (dBm)	Peak (dBm)
LE 2 Mbps (Left Unit)	8.07	8.27	8.05	8.25	8.03	8.23
LE 2 Mbps (Right Unit)	8.06	8.27	7.90	8.12	7.72	7.92



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#### 3.3. Power spectral density

Test procedure

ANSI C63.10-2013 - Section 11.10.2

#### Test setup



#### Section 10.2 & ANSI C63.10-2013 - Section 11.10.2

- a. Set analyzer center frequency to DTS channel center frequency.
- b. Set the span to 1.5 times the DTS bandwidth.
- c. Set the RBW to 3 kHz  $\leq$  RBW  $\leq$  100 kHz
- d. Set the VBW  $\geq$  [3  $\times$  RBW].
- e. Detector = peak.
- f. Sweep time = auto couple.
- g. Trace mode = max hold.
- h. Allow trace to fully stabilize.
- i. Use the peak marker function to determine the maximum amplitude level within the RBW.
- j. If measured value exceeds requirement, then reduce RBW (but no less than 3 kHz) and repeat.

#### Limit

According to \$15.247(e), For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

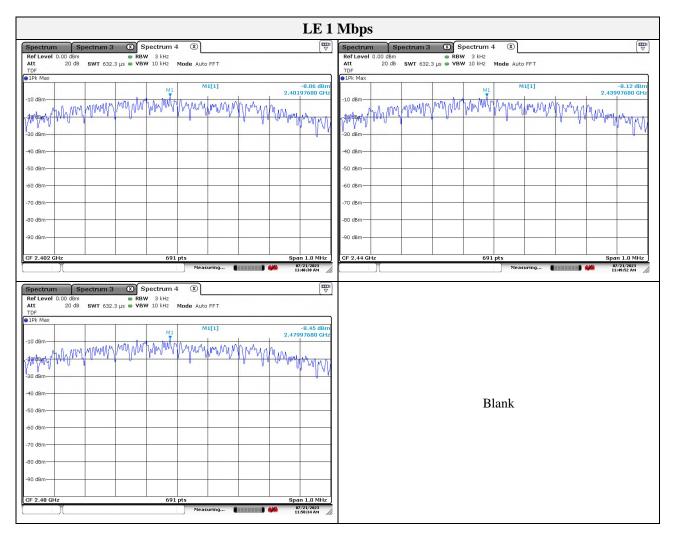


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## Results

Mode : LE 1 Mbps (Left Unit)

Frequency(Mz)	PSD (dBm/3kHz)	Limit(dBm/3kHz)
2 402	-8.06	
2 440	-8.12	8
2 480	-8.45	

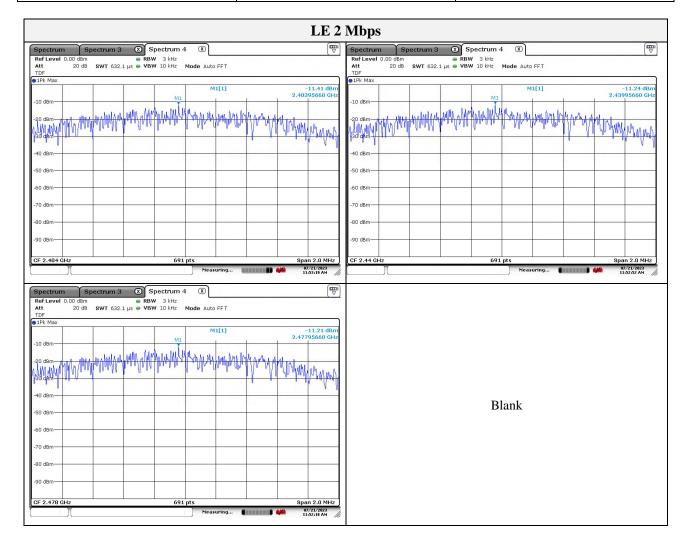




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#### Mode : LE 2 Mbps (Left Unit)

Frequency(Mz)	PSD (dBm/3kHz)	Limit(dBm/3kHz)
2 404	-11.41	
2 440	-11.24	8
2 478	-11.21	

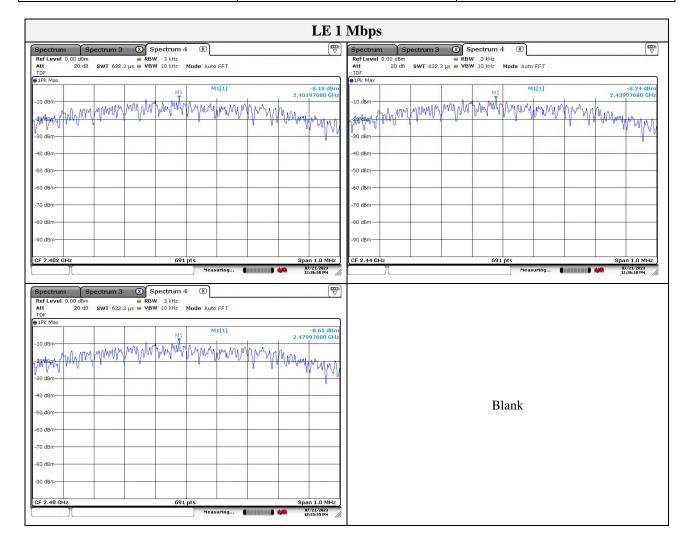




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#### Mode : LE 1 Mbps (Right Unit)

Frequency(Mz)	PSD (dBm/3kHz)	Limit(dBm/3kHz)
2 402	-8.18	
2 440	-8.24	8
2 480	-8.65	

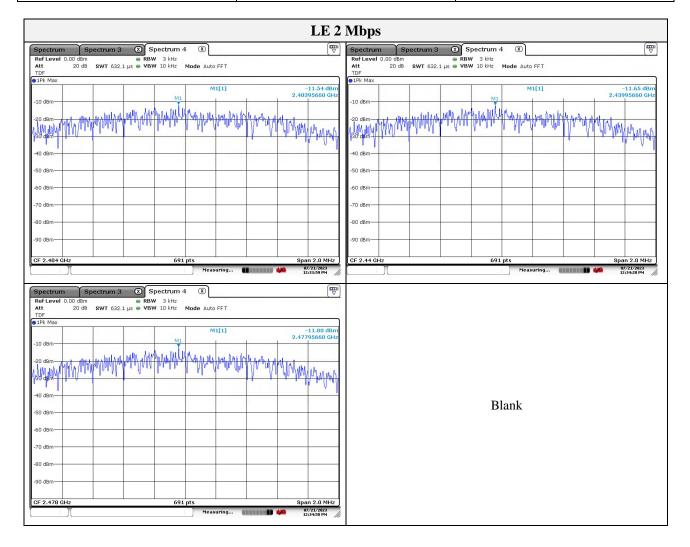




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#### Mode : LE 2 Mbps (Right Unit)

Frequency(Mz)	PSD (dBm/3kHz)	Limit(dBm/3kHz)
2 404	-11.54	
2 440	-11.65	8
2 478	-11.80	





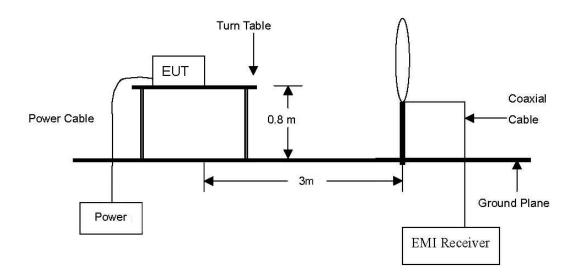
**KES Co., Ltd.** 3701, 40, Simin-daero 365beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, 14057, Korea Tel: +82-31-425-6200 / Fax: +82-31-424-0450 www.kes.co.kr

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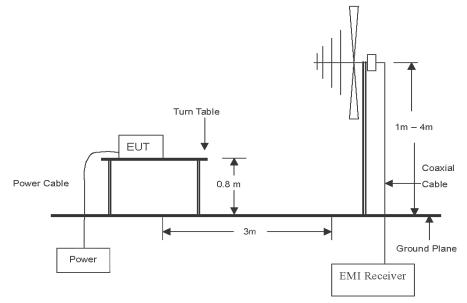
# 3.4. Radiated restricted band and emissions

#### Test setup

The diagram below shows the test setup that is utilized to make the measurements for emission from 9 kHz to 30 MHz Emissions.



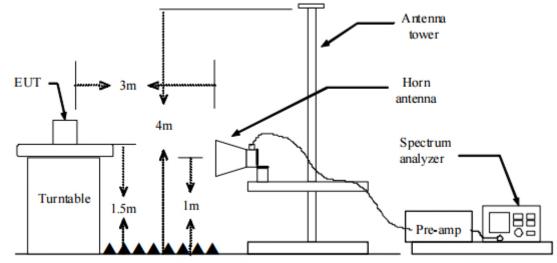
The diagram below shows the test setup that is utilized to make the measurements for emission from 30 Mz to 1 Gz emissions.





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The diagram below shows the test setup that is utilized to make the measurements for emission from 1 GHz to the tenth harmonic of the highest fundamental frequency or to 40 GHz emissions, whichever is lower.



#### **Test procedure**

Radiated emissions from the EUT were measured according to the dictates in section 11.11 & 11.12 of ANSI C63.10-2013.

#### Test procedure below 30 Mz

- 1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter anechoic chamber test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- 2. Then antenna is a loop antenna is fixed at one meter above the ground to determine the maximum value of the field strength. Both parallel, ground parallel and perpendicular of the antenna are set to make the measurement. It was determined that **parallel** was worst-case orientation; therefore, all final radiated testing was performed with the EUT in **parallel**.
- 3. For each suspected emission, the EUT was arranged to its worst case and then the table was turned from 0 degrees to 360 degrees to find the maximum reading.
- 4. The test-receiver system was set to average or quasi peak detect function and Specified Bandwidth with Maximum hold mode.

#### Test procedure above 30 Mz ~ 1 000 Mz

- 1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter anechoic chamber test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- 2. The antenna is a bi-log antenna, a horn antenna, and its height are 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.
- 3. 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 table was turned from 0 degrees to 360 degrees to find the maximum reading.
- 4. The test receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.



#### Test procedure above 1 000 Mbz

- 1. The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter anechoic chamber test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- 2. The antenna is a bi-log antenna, a horn antenna, and its height are 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.
- 3. 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 table was turned from 0 degrees to 360 degrees to find the maximum reading.
- 4. The test receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- 5. Spectrum analyzer settings for f < 1 GHz:
  - (1) Span = wide enough to fully capture the emission being measured  $\square$
  - 2 RBW = 100 kHz
  - ③ VBW  $\ge$  RBW
  - ④ Detector = quasi peak
  - 5 Sweep time = auto
  - $\bigcirc$  Trace = max hold
- 6. Spectrum analyzer settings for  $f \ge 1$  GHz: Peak
  - ① Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
  - 2 RBW = 1 Mz
  - ③ VBW  $\ge$  3 Mb
  - (4) Detector = peak
  - (5) Sweep time = auto
  - $\bigcirc$  Trace = max hold
  - $\bigcirc$  Trace was allowed to stabilize



- 7. Spectrum analyzer settings for  $f \ge 1$  GHz: Average
  - ① Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
  - 2 RBW = 1 Mz
  - (3)  $VBW \ge 3 \times RBW$
  - (4) Detector = RMS, if span/(# of points in sweep)  $\leq$  (RBW/2). Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.
  - (5) Averaging type = power(i.e., RMS)
    - 1) As an alternative, the detector and averaging type may be set for linear voltage averaging.
    - 2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.
  - 6 Sweep = auto
  - $\bigcirc$  Trace = max hold
  - (8) Perform a trace average of at least 100 traces. A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:
    - 1) If power averaging (RMS) mode was used in step (5), then the applicable correction factor is  $10 \log(1/x)$ , where x is the duty cycle.
    - 2) If linear voltage averaging mode was used in step (5), then the applicable correction factor is 20 log(1/x), where x is the duty cycle.
    - 3) If a specific emission is demonstrated to be continuous ( $\geq 98$  percent duty cycle) rather than turning on and off with the transmit cycle, then no duty cycle correction is required for that emission.



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#### Note.

- 1. f < 30 MHz, extrapolation factor of 40 dB/decade of distance.  $F_d = 40 \log(D_m/Ds)$  $f \ge 30$  MHz, extrapolation factor of 20 dB/decade of distance.  $F_d = 20 \log(D_m/Ds)$ Where:
  - $F_d$  = Distance factor in dB
  - $D_m$  = Measurement distance in meters
  - D<sub>s</sub> = Specification distance in meters
- 2. Field strength( $dB\mu N/m$ ) = Level( $dB\mu N$ ) + CF (dB) + or DCF(dB)
- 3. Margin(dB) = Limit(dB $\mu$ /m) Field strength(dB $\mu$ /m)
- 4. Emissions below 18 GHz were measured at a 3 meter test distance while emissions above 18 GHz were measured at a 1 meter test distance with the application of a distance correction factor.
- 5. The fundamental of the EUT was investigated in three orthogonal orientations X, Y and Z, it was determined that <u>X orientation</u> was worst-case orientation; therefore, all final radiated testing was performed with the EUT in <u>X orientation</u>.
- 6. The worst-case emissions are reported however emissions whose levels were not within 20 dB of respective limits were not reported.
- 7. According to exploratory test no any obvious emission were detected from 9 kHz to 30 MHz. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30 m open field site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 414788.

#### Limit

According to 15.209(a), for an intentional radiator devices, the general required of field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values :

Frequency (Mz)	Distance (Meters)	Radiated (µN/m)
0.009 ~ 0.490	300	2 400/F(kHz)
0.490 ~ 1.705	30	24 000/F(klz)
1.705 ~ 30.0	30	30
30 ~ 88	3	100**
88 ~ 216	3	150**
216 ~ 960	3	200**
Above 960	3	500

\*\*Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands  $54 \sim 72$  Mb,  $76 \sim 88$  Mb,  $174 \sim 216$  Mb or  $470 \sim 806$  Mb. However, operation within these frequency bands is permitted under other sections of this Part, e.g., Sections 15.231 and 15.241.



#### **Duty cycle**

Regarding to KDB 558074 D01\_v05 r02, 6. Measurements of duty cycle and transmission duration shall be performed using one of the following techniques:

a) A diode detector and an oscilloscope that together have sufficiently short response time to permit accurate measurements of the on- and off-times of the transmitted signal.

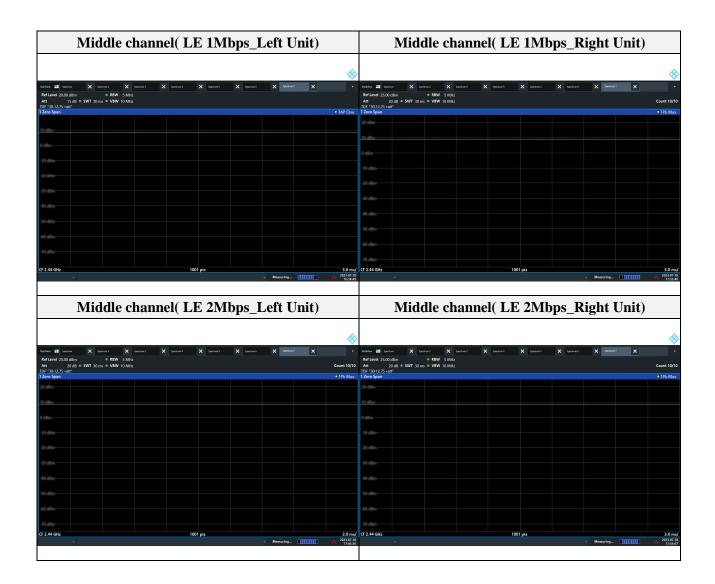
b) The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the on- and off-times of the transmitted signal.

Mode	T <sub>on</sub> time (ms)	Period (ms)	Duty cycle (Linear)	Duty cycle (%)	Duty cycle correction factor (dB)
LE 1Mbps	30	30	1.00	100	0
(Left Unit)	50	30	1.00	100	0
LE 2Mbps	30	30	1.00	100	0
(Left Unit)	50	50	1.00	100	0
LE 1Mbps	30	30	1.00	100	0
(Right Unit)	50	30	1.00	100	0
LE 2Mbps	30	30	1.00	100	0
(Right Unit)	50	30	1.00	100	U

Duty cycle (Linear) = T<sub>on</sub> time/Period DCF(Duty cycle correction factor (dB)) = 10log(1/duty cycle)



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Test results (Below 30 Mz)	1
Mode:	LE 1 Mbps (Left Unit)
Distance of measurement:	3 meter
Channel:	00 (Worst case)

				< <re (0.009="" -="" 30<="" test="" th=""><th>)) MH=&gt;&gt;</th><th></th><th>July 19, 20</th><th>023 13:3</th></re>	)) MH=>>		July 19, 20	023 13:3
hamber N Iodel No. Iode Yower Wemark	0. : I, SAC : YY2977 : : Batter :			Limit Ant. Fa Test By	: sctor : FMZB 15 y : KES : :	13		
1:						<fcc 9<="" td=""><td>LHZ - 30 MHZ 15 209&gt; Lfmit(QP) L 9-30 LEIM&gt; Scan(PK) Final Item(QP)</td><td></td></fcc>	LHZ - 30 MHZ 15 209> Lfmit(QP) L 9-30 LEIM> Scan(PK) Final Item(QP)	
11	.0					<earset< td=""><td>L 9-30 LEIM&gt; Scan(PK) Final Item(QP)</td><td></td></earset<>	L 9-30 LEIM> Scan(PK) Final Item(QP)	
10	0							
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	0		mon why has	marken and the				
-	.0							
1	0							
-1	0.009	0.100		1.000	10.000	30.000		
			Frequenc	γ[MH=]				
Fina	l Result	Deading			Limit	Margin	Ingle Demar	ŀ
Fina	Frequency	QP	c.f	Result QP	QP	QP	Angle Remar	k
Fina		QP	c.f	Result QP	QP	QP [dB] [	-	k
Fina No.	Frequency [MHz] 0.395	QP [dB(µV)]	c.f [dB(1/m)]	Result QP [dB(µV/m)]	QP [dB(µV/m)]	QP	deg]	k
Fine No.	Frequency [MHz]	QP [dB(µV)] 34.6	c.f [dB(1/m)] 19.4	Result QP [dB(µV/m)] 54.0	QP [dB(µV/m)] 95.7 69.6	QP [dB] [ 41.7	deg] 73.7	k
Fina No. 1 2	Frequency [MHz] 0.395 0.793	QP [dB(µV)] 34.6 30.1	c.f [dB(1/m)] 19.4 20.1	Result QP [dB(µV/m)] 54.0 50.2	QP [dB(µV/m)] 95.7 69.6 66.1	QP [dB] [ 41.7 19.4	deg] 73.7 204.0	k



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Mode:	LE 2 Mbps (Left Unit)
Distance of measurement:	3 meter
Channel:	00 (Worst case)

		< <re< th=""><th>Test (0.009 - 30) MHz&gt;&gt;</th><th></th><th>July 19, 2023 13:5</th></re<>	Test (0.009 - 30) MHz>>		July 19, 2023 13:5
Chamber No. Model No. Mode Power Remark	: I, SAC \$6 : YY2977 : : Battery :	J	Limit Ant. Factor Test By	: : FMZB 1518 : KES :	
1200 [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[					(RCC 9.308 - 30.908,15.25) LLR1(P0) (darmet 1.9-30.1290 0 FilmA Tem(CP)
Final H No. Fr		.ng c.f			rgin Angle Remark 29
	[MHz] [dB(µV 0.395 34.	7)] [dB(1/m)] [dB 4 19.4 .6 20.1	(μV/m)] [dB(μV 53.8 46.7	95.7 41	[deg] 1.9 46.4 2.9 110.5



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Mode:	LE 1 Mbps (Right Unit)
Distance of measurement:	3 meter
Channel:	00 (Worst case)

					0.009 - 30) MHm>>			July 19, 2023 13
				< <re (0<="" lest="" th=""><th></th><th></th><th></th><th>July 19, 2023 1.</th></re>				July 19, 2023 1.
Chamber Model No Mode Power Remark	NO. : 1, . : YY2 : : Bat :				Limit Ant. Factor Test By	: FM2B : KES :	1513	
	130							ERCC 9 kHz - 30 KHz 15 209> List(EQP) ERIVET R 9-30 LENA Scan(FR) Final Ttem(QP)
	110							Scan(PK) Final Item(QP)
-	90							
Level[dB{µV/m]]	80 <b>E</b> 70 <b>E</b>							
1[dB{	50							
Leve	40	+ + + + + + + + + + + + + + + + + + + +	man har					
	30	+ + + + + + + + + + + + + + + + + + + +		the start where the starter		New York Constraints	(11.11. Billing all all and an a	
	20	+ + + + + + + + + + + + + + + + + + + +				the second with the second s	and the second se	
	20							
	20 10 0 10 10					10.000	20.000	
	20	0.14		1.000 ency[MHs]		10.000	20.000	
	20 10 0 10 10	0.1				10.000	30.000	
Fina	1 Result Frequency	Reading QP	c.f	Resu. QP		Limit QP	Margir QP	
Fina No.	1 Result Frequency [MHz]	Reading QP [dB(µV)]	c.f [dB(1/m)]	Resu QP [dB (µV/1	m)][dB(1	Limit QP 1V/m)]	Margir QP [dB]	[deg]
Fina No.	1 Result Frequency (MHz) 0.395	Reading QP [dB(µV)] 34.1	c.f [dB(1/m)] 19.4	Resu: QP [dB (µV/1 5	m)] [dB(1 3.5	Limit QP 1V/m)] 95.7	Margir QP [dB] 42.2	[deg] 93.7
Fina No. 1 2	1 Result Frequency [MHz] 0.395 0.793	Reading QP [dB(µV)] 34.1 30.6	c.f [dB(1/m)] 19.4 20.1	Resu QP [dB(µV/1 51	m)] [dB(1 3.5 0.7	Limit QP 2V/m)] 95.7 69.6	Margir QP [dB] 42.2 18.9	[deg] 93.7 160.7
Fina No. 1	1 Result Frequency (MHz) 0.395	Reading QP [dB(µV)] 34.1	c.f [dB(1/m)] 19.4	Resu QP [dB(µV/: 5: 4	m)] [dB(1 3.5	Limit QP 1V/m)] 95.7	Margir QP [dB] 42.2	[deg] 93.7



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Mode:	LE 2 Mbps (Right Unit)
Distance of measurement:	3 meter
Channel:	00 (Worst case)

				< <re (0.009="" -="" 30)<="" test="" th=""><th>MHz&gt;&gt;</th><th>July 19, 2023</th><th>3 13:4</th></re>	MHz>>	July 19, 2023	3 13:4
Chamber No. Nodel No. Node Power Nemark	: I, SAC #6 : YY2977 : : Battery :			Limit Ant. Fac Test By	: FMZB 151 : FMZB 151 : KES :	3	
			Mar Mar			<pre><pcc -="" 11,="" 28="" 509<="" 9="" mr="" th=""><th></th></pcc></pre>	
20 10 -10 0.009		0.100		1.000	10.000	20.000	
			Frequency				
			Frequency	i tumi t			
Final F No. Fr		Reading			Limit	Margin Angle Remark	
	equency R	QP	c.f	Result QP	QP	Margin Angle Remark QP [dB] [deg] 42.2 217.8 19.7 153.6	: