


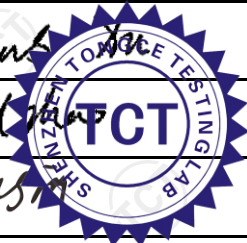


# TEST REPORT

<b>FCC ID</b> ..... :	2ACVFK-15	
<b>Test Report No</b> ..... :	TCT240726E009	
<b>Date of issue</b> ..... :	Aug. 16, 2024	
<b>Testing laboratory</b> .....	SHENZHEN TONGCE TESTING LAB	
<b>Testing location/ address:</b>	2101 & 2201, Zhenchang Factory Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China	
<b>Applicant's name</b> ..... :	Shenzhen ChangTaiWei Electronic CO., LTD	
<b>Address</b> ..... :	5/F., 6 Block, XinGu Industrial zone, GuShu Village, XiXiang Town, BaoAn District, Shenzhen City, China	
<b>Manufacturer's name</b> ... :	Shenzhen ChangTaiWei Electronic CO., LTD	
<b>Address</b> ..... :	5/F., 6 Block, XinGu Industrial zone, GuShu Village, XiXiang Town, BaoAn District, Shenzhen City, China	
<b>Standard(s)</b> .....	FCC CFR Title 47 Part 2 FCC CFR Title 47 Part95	
<b>Product Name</b> ..... :	Walkie Talkie	
<b>Trade Mark</b> .....	N/A	
<b>Model/Type reference</b> ..... :	K15	
<b>Rating(s)</b> ..... :	Adapter Information: Model: SJL608 Input: AC 100-220V, 50/60Hz, 0.3A Max Output: DC 5V, 2.1A Rechargeable NIMH Batteries DC 1.2V*3	
<b>Date of receipt of test item</b> .....	Jul. 26, 2024	
<b>Date (s) of performance of test</b> ..... :	Jul. 26, 2024 ~ Aug. 16, 2024	
<b>Tested by (+signature)</b> ... :	Brews XU	
<b>Check by (+signature)</b> .... :	Beryl ZHAO	
<b>Approved by (+signature):</b>	Tomsin	



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## 1. General Product Information

### 1.1. EUT description

Product Name.....:	Walkie Talkie
Model/Type reference.....:	K15
Sample Number.....:	TCT240726E009-0101
Operation Frequency .....	462.5626MHz - 462.7125MHz (1-7 channel) 467.5626MHz - 467.7125MHz (8-14 channel) 462.5500MHz - 462.7250MHz (15-22 channel)
Channel Separation .....	12.5KHz
Maximum Output Power to Antenna.....:	31.37dBm
99% Occupied Bandwidth.....:	9.77KHz
Emission Designator .....	10K0F3E
Type of Modulation.....:	FM
Antenna Type.....:	Internal Antenna
Antenna Gain.....:	-2.97dBi
Rating(s).....:	Adapter Information: Model: SJL608 Input: AC 100-220V, 50/60Hz, 0.3A Max Output: DC 5V, 2.1A Rechargeable NIMH Batteries DC 1.2V*3

Note: The antenna gain listed in this report is provided by applicant, and the test laboratory is not responsible for this parameter.

### 1.2. Model(s) list

None.

### 1.3. Operation Frequency

Channel:	Frequency (KHz)	Channel:	Frequency (MHz)
1	462.5625	12	467.6625
2	462.5875	13	467.6875
3	462.6125	14	467.7125
4	<b>462.6375</b>	15	462.5500
5	462.6625	16	462.5750
6	462.6875	17	462.6000
7	462.7125	18	<b>462.6250</b>
8	467.5625	19	462.6500
9	467.5875	20	462.6750
10	467.6125	21	462.7000
11	<b>467.6375</b>	22	462.7250

## 2. Test Result Summary

Requirement	CFR 47 Section	Result
FRS frequency accuracy	§2.1055; §95.565	PASS
FRS transmit power	§2.1046; §95.567	PASS
FRS emission types	§95.571	PASS
FRS authorized bandwidth	§2.1049; §95.573	PASS
Emission Mask	§95.579	PASS
FRS modulation limits	§2.1047; §95.575	PASS
FRS unwanted emissions limits	§2.1053; §95.579	PASS
FRS additional requirements	§95.587	PASS

**Note:**

1. PASS: Test item meets the requirement.
2. Fail: Test item does not meet the requirement.
3. N/A: Test case does not apply to the test object.
4. The test result judgment is decided by the limit of test standard.

### 3. General Information

#### 3.1. Test environment and mode

Operating Environment:	
Temperature:	25.0 °C
Humidity:	56 % RH
Atmospheric Pressure:	1010 mbar
Remark: This product has a rechargeable battery, so in an independent test, the EUT battery was fully-charged.	

Test Mode
The Transmitter was operated in the normal operating mode. The TX frequency was fixed which was for the purpose of the measurements.

### 3.2. Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Equipment	Model No.	Serial No.	FCC ID	Trade Name
/	/	/	/	/

**Note:**

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

### 3.3. Configuration of Tested System



### 3.4. Measurement Results Explanation Example

**For all conducted test items:**

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

*Offset = RF cable loss + attenuator factor.*

The following shows an offset computation example with RF cable loss 3 dB and a 5dB attenuator.

Example: *Offset (dB) = RF cable loss (dB) + attenuator factor (dB).*  
*= 8(dB)*



## 4. Facilities and Accreditations

### 4.1. Facilities

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

- FCC - Registration No.: 645098

SHENZHEN TONGCE TESTING LAB

Designation Number: CN1205

The testing lab has been registered and fully described in a report with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files.

- IC - Registration No.: 10668A-1

SHENZHEN TONGCE TESTING LAB

CAB identifier: CN0031

The testing lab has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing.

### 4.2. Location

SHENZHEN TONGCE TESTING LAB

Address: 2101 & 2201, Zhenchang Factory Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China

TEL: +86-755-27673339

### 4.3. Measurement Uncertainty

The reported uncertainty of measurement  $y \pm U$ , where expanded uncertainty  $U$  is based on a standard uncertainty multiplied by a coverage factor of  $k=2$ , providing a level of confidence of approximately 95 %.

No.	Item	MU
1	Conducted Emission	$\pm 3.10$ dB
2	RF power, conducted	$\pm 0.12$ dB
3	Spurious emissions, conducted	$\pm 0.11$ dB
4	All emissions, radiated(<1 GHz)	$\pm 4.56$ dB
5	All emissions, radiated(1 GHz - 18 GHz)	$\pm 4.22$ dB
6	All emissions, radiated(18 GHz- 40 GHz)	$\pm 4.36$ dB
7	Temperature	$\pm 0.1^{\circ}\text{C}$
8	Humidity	$\pm 1.0\%$

## 5. Test Results and Measurement Data

### 5.1. FRS frequency accuracy

#### 5.1.1. Test Specification

<b>Test Requirement:</b>	FCC Part 2.1055 ; Part95.565
<b>Test Method:</b>	C63.26-2015, Clause 5.6
<b>Operation mode:</b>	Refer to item 3.1
<b>Limit:</b>	±2.5 ppm
<b>Test Setup:</b>	<pre> graph TD     EPS[External power supply] --- EUT[EUT]     subgraph EC [Environmental Chamber]         EUT     end     EUT --- ATT[Attenuator]     ATT --- SA[Spectrum Analyzer]     </pre>
<b>Test Procedure:</b>	<p>Test Procedures for Temperature Variation</p> <p>Frequency stability is a measure of the frequency drift due to temperature and supply voltage variations, with reference to the frequency measured at +20 ° C and rated supply voltage. The operating carrier frequency shall be set up in accordance with the manufacturer’ s published operation and instruction manual prior to the commencement of these tests. No adjustment of any frequency determining circuit element shall be made subsequent to this initial set-up. Frequency stability is tested:</p> <p>a) At 10 ° C intervals of temperatures between –30 ° C and +50 ° C at the manufacturer’ s rated supply voltage, and</p> <p>b) At +20 ° C temperature and ± 15% supply voltage variations. If a product is specified to operate over a range of input voltage then the –15% variation is applied to the lowermost voltage and the +15% is applied to the uppermost voltage. During the test all necessary settings, adjustments and control of the EUT have to be performed without disturbing the test environment, i.e., without opening the environmental chamber. The frequency stabilities can be maintained to a lesser temperature range provided that the transmitter is automatically inhibited from operating outside the lesser temperature range. For handheld</p>

	<p>equipment that is only capable of operating from internal batteries and the supply voltage cannot be varied, the frequency stability tests shall be performed at the nominal battery voltage and the battery end point voltage specified by the manufacturer. An external supply voltage can be used and set at the internal battery nominal voltage, and again at the battery operating end point voltage which shall be specified by the equipment manufacturer. If an unmodulated carrier is not available, the mean frequency of a modulated carrier can be obtained by using a frequency counter with gating time set to an appropriately large multiple of bit periods (gating time depending on the required accuracy). Full details on the choice of values shall be included in the test report.</p>
<b>Test Result:</b>	PASS



**5.1.2. Test Instruments**


Equipment	Manufacturer	Model	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 26, 2025
Programable temperature and humidity chamber	JQ	JQ-2000	510101234	Jun. 26, 2025
DC power supply	Kingrang	KR3005K	/	Jun. 26, 2025
Combiner Box	Ascentest	AT890-RFB	/	/

**5.1.3. Test Data**

Test conditions		Test Frequency (MHz)			Limit (ppm)	Result
		Frequency error (ppm)				
Voltage(V)	Temperature(°C)	462.6375	467.6375	462.6250		
3.6	-30	0.108	0.053	0.102	±2.5	PASS
	-20	0.096	0.062	0.105		
	-10	0.126	0.060	0.116		
	0	0.103	0.055	0.099		
	10	0.109	0.067	0.097		
	20	0.101	0.051	0.110		
	30	0.112	0.068	0.113		
	40	0.098	0.032	0.118		
	50	0.102	0.036	0.115		
4.2	20	0.101	0.044	0.109		
3.0	20	0.100	0.050	0.108		

## 5.2. FRS transmit power

### 5.2.1. Test Specification

<b>Test Requirement:</b>	FCC part 95.567
<b>Test Method:</b>	C63.26-2015, Clause 5.2.3.3
<b>Operation mode:</b>	Refer to item 3.1
<b>Limits:</b>	Each FRS transmitter type must be designed such that the effective radiated power (ERP) on channels 8 through 14 does not exceed 0.5 Watts(27dBm) and the ERP on channels 1 through 7 and 15 through 22 does not exceed 2.0 Watts(33dBm).
<b>Test Setup:</b>	 <pre> graph LR     SA[Spectrum Analyzer] --- A[Attenuator]     A --- EUT[EUT]     EUT --- CTS[Communication Test Set]             </pre>
<b>Test Procedure:</b>	<p>This procedure can be used to measure the peak power in either a CW-like or noise-like narrowband RF signal. The measurement instrument must have a RBW that is greater than or equal to the OBW of the signal to be measured and a VBW <math>\geq 3 \times</math> RBW.</p> <ol style="list-style-type: none"> <li>Set the RBW <math>\geq</math> OBW.</li> <li>Set VBW <math>\geq 3 \times</math> RBW.</li> <li>Set span <math>\geq 2 \times</math> OBW.</li> <li>Sweep time <math>\geq 10 \times</math> (number of points in sweep) <math>\times</math> (transmission symbol period).</li> <li>Detector = peak.</li> <li>Trace mode = max hold.</li> <li>Allow trace to fully stabilize.</li> <li>Use the peak marker function to determine the peak amplitude level.</li> </ol>
<b>Test Result:</b>	PASS

### 5.2.2. Test Instruments


Equipment	Manufacturer	Model	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 26, 2025
RF Communications Tester	HP	8920A	348A05658	Jun. 26, 2025
Combiner Box	Ascentest	AT890-RFB	/	/

**5.2.3. Test data**

Channel No.	Frequency (MHz)	Conducted Output power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	ERP (dBm)	ERP Limit (dBm)
4	462.6375	31.37	-2.97	28.40	26.25	≤33
11	467.6375	28.21	-2.97	25.24	23.09	≤27
18	462.6250	31.31	-2.97	28.34	26.19	≤33

### 5.3. FRS authorized bandwidth

#### 5.3.1. Test Specification

<b>Test Requirement:</b>	FCC part 65.573
<b>Test Method:</b>	C63.26-2015, Clause 5.4.4
<b>Operation mode:</b>	Refer to item 3.1
<b>Limit:</b>	Each FRS transmitter type must be designed such that the occupied bandwidth does not exceed 12.5 kHz.
<b>Test Setup:</b>	 <pre> graph LR     SA[Spectrum Analyzer] --- A[Attenuator]     A --- EUT[EUT]     EUT --- CTS[Communication Test Set]             </pre>
<b>Test Procedure:</b>	<p>The OBW is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission.</p> <p>The following procedure shall be used for measuring (99%) power bandwidth:31</p> <ol style="list-style-type: none"> <li>The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be set wide enough to capture all modulation products including the emission skirts (typically a span of <math>1.5 \times \text{OBW}</math> is sufficient).</li> <li>The nominal IF filter 3 dB bandwidth (RBW) shall be in the range of 1% to 5% of the anticipated OBW, and the VBW shall be set <math>\geq 3 \times \text{RBW}</math>.</li> <li>Set the reference level of the instrument as required to prevent the signal amplitude from exceeding the maximum spectrum analyzer input mixer level for linear operation. See guidance provided in 4.2.3.</li> </ol> <p>NOTE—Step a), step b), and step c) may require iteration to adjust within the specified tolerances.</p> <ol style="list-style-type: none"> <li>Set the detection mode to peak, and the trace mode to max-hold.</li> <li>If the instrument does not have a 99% OBW function, recover the trace data points and sum directly in linear power terms. Place the recovered amplitude data points, beginning at the lowest frequency, in a running sum until 0.5% of the total is reached. Record that frequency as the lower OBW frequency. Repeat the process until 99.5% of the total is reached and record that frequency as the upper OBW frequency. The 99% power OBW can be determined by computing the difference</li> </ol>



	these two frequencies. f) The OBW shall be reported and plot(s) of the measuring instrument display shall be provided with the test report. The frequency and amplitude axis and scale shall be clearly labeled. Tabular data can be reported in addition to the plot(s).
<b>Test Result:</b>	PASS

**5.3.2. Test Instruments**

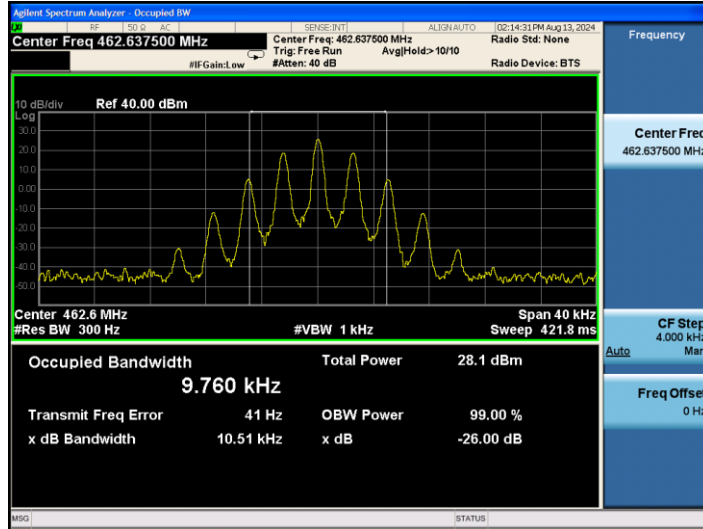
Equipment	Manufacturer	Model	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 26, 2025
RF Communications Tester	HP	8920A	348A05658	Jun. 26, 2025
Combiner Box	Ascentest	AT890-RFB	/	/

5.3.3. Test data

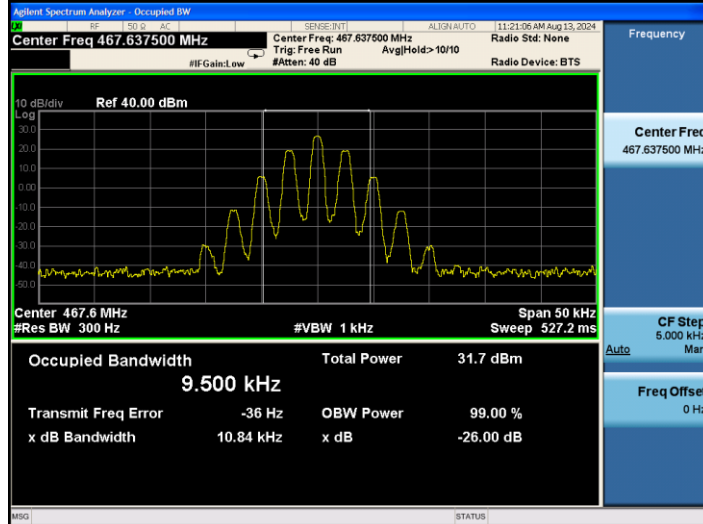
Channel	4	8	18
Frequency (MHz)	462.6375	467.6375	462.6250
99% OBW (kHz)	9.76	9.50	9.768
26dB BW (kHz)	10.51	10.84	10.51

Test plots as follows:

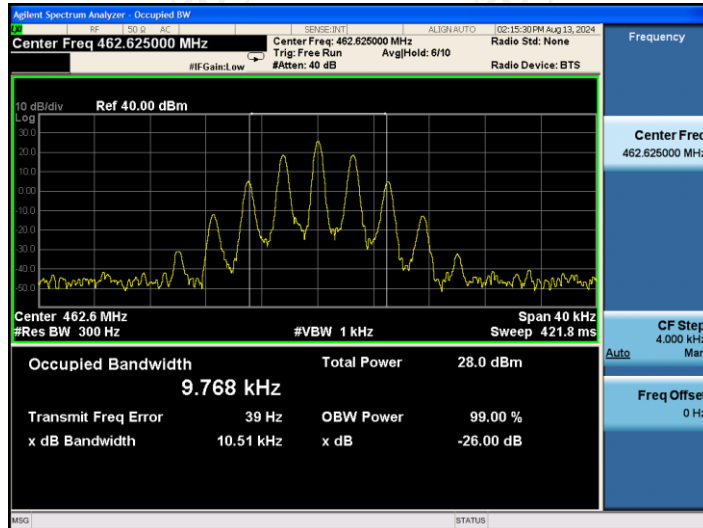
26dB&99% Occupied Bandwidth Plot of Channel 4



26dB&99% Occupied Bandwidth Plot of Channel 11

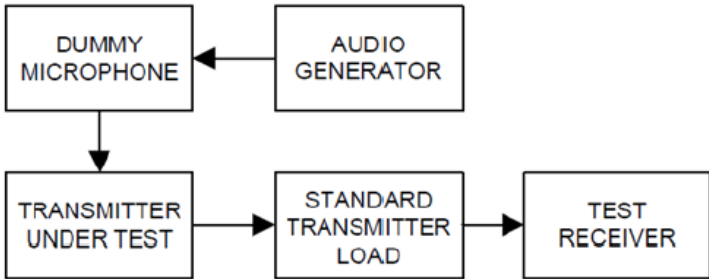
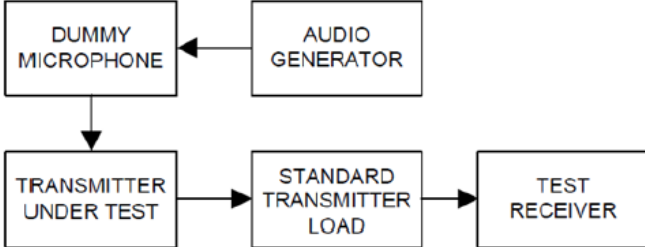


26dB&99% Occupied Bandwidth Plot of Channel 18



## 5.4. FRS modulation limits

### 5.4.1. Test Specification

<b>Test Requirement:</b>	FCC part95.575
<b>Test Method:</b>	C63.26-2015, Clause 5.3.2
<b>Operation mode:</b>	Refer to item 3.1
<b>Limit:</b>	Each FRS transmitter type must be designed such that the peak frequency deviation does not exceed 2.5 kHz, and the highest audio frequency contributing substantially to modulation must not exceed 3.125 kHz.
<b>Test Setup:</b>	 <p style="text-align: center;"><b>Figure 1—Equipment set-up for modulation limiting test</b></p>  <p style="text-align: center;"><b>Figure 3—Equipment set-up audio frequency response (constant input)</b></p>
<b>Test Procedure:</b>	<p><b>Modulation limiting test</b></p> <ol style="list-style-type: none"> <li>Connect the equipment as illustrated in Figure 1.</li> <li>Adjust the transmitter per the manufacturer's procedure for full rated system deviation.</li> <li>Set the test receiver to measure peak positive deviation. Set the audio bandwidth for <math>\leq 0.25</math> Hz to <math>\geq 15\ 000</math> Hz. Turn the de-emphasis function off.</li> <li>Apply a 1000 Hz modulating signal to the transmitter from the audio frequency generator, and adjust the level to obtain 60% of full rated system deviation. This is the 0 dB reference level.</li> <li>Increase the level from the audio generator by 20 dB in 5 dB increments recording the deviation as measured from the test receiver in each step. Verify that the audio level used to make the OBW measurement is included in the sweep.</li> <li>Repeat for step e) at 300 Hz, 2500 Hz and 3000 Hz at a minimum using the 0 dB reference level</li> </ol>

	<p>obtained in step d).  g) Set the test receiver to measure peak negative deviation and repeat step d) through step f).  h) The values recorded in step f) and step g) are the modulation limiting.  i) Plot the data set as a percentage of deviation relative to the 0 dB reference point versus input voltage.</p> <p><b>Audio frequency response test</b>  a) Connect the equipment as illustrated in Figure 3.  b) Set the test receiver to measure peak positive deviation. Set the audio bandwidth for <math>\leq 50</math> Hz to <math>\geq 15\ 000</math> Hz. Turn the de-emphasis function off.  c) Adjust the transmitter per the manufacturer's procedure for full rated system deviation.  d) Apply a 1000 Hz tone and adjust the audio frequency generator to produce 20% of the rated system deviation.  e) Set the test receiver to measure rms deviation and record the deviation reading as DEVREF.  f) Set the audio frequency generator to the desired test frequency between 300 Hz and 3000 Hz.</p>
<b>Test Result:</b>	PASS

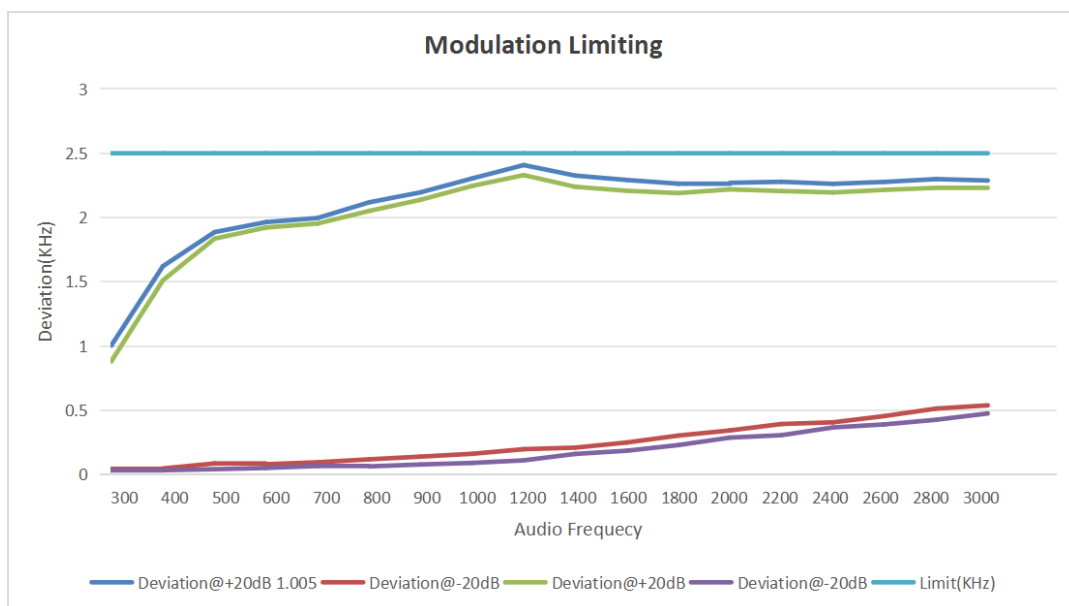
**5.4.2. Test Instruments**

Equipment	Manufacturer	Model	Serial Number	Calibration Due
Audio Analyzer	R&S	UPV	103866	Jun. 26, 2025
RF Communications Tester	HP	8920A	348A05658	Jun. 26, 2025
Combiner Box	Ascentest	AT890-RFB	/	/

5.4.3. Test data

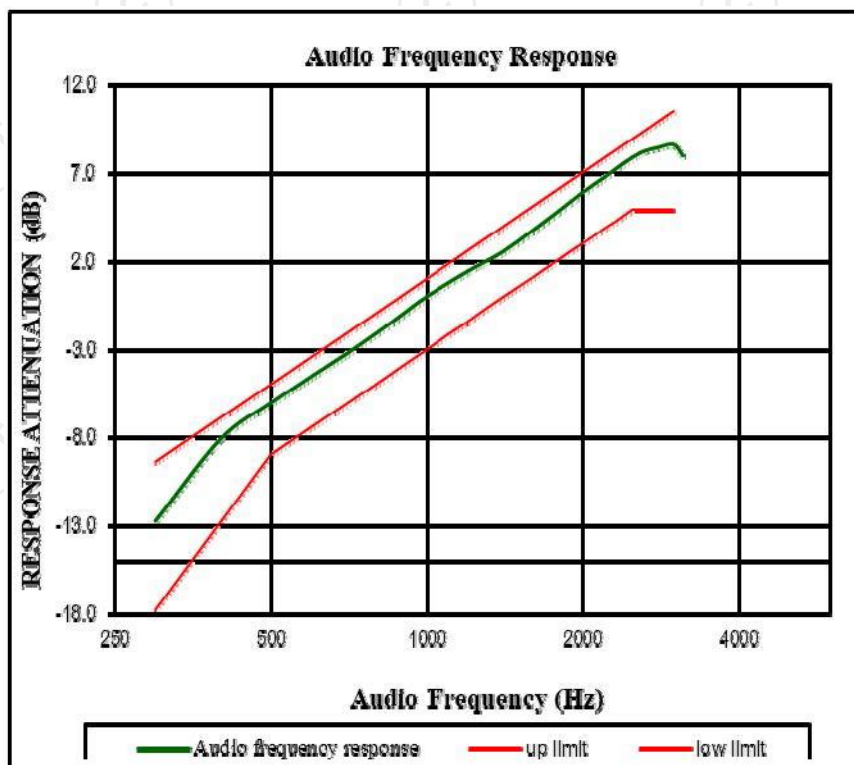
Modulation Limiting

Frequency: 462.6375 MHz					
Audio Frequency (Hz)	Instantaneous		Steady-state		Limit (KHz)
	Deviation@+20dB (KHz)	Deviation@-20dB (KHz)	Deviation@+20dB (KHz)	Deviation@-20dB (KHz)	
300	1.005	0.044	0.882	0.032	2.5
400	1.621	0.047	1.511	0.033	
500	1.886	0.086	1.835	0.041	
600	1.964	0.080	1.922	0.051	
700	1.996	0.095	1.953	0.066	
800	2.118	0.118	2.051	0.063	
900	2.196	0.139	2.138	0.078	
1000	2.304	0.161	2.246	0.090	
1200	2.408	0.197	2.330	0.110	
1400	2.326	0.209	2.239	0.160	
1600	2.292	0.249	2.208	0.185	
1800	2.263	0.303	2.190	0.229	
2000	2.270	0.343	2.219	0.287	
2200	2.278	0.393	2.206	0.306	
2400	2.262	0.406	2.195	0.366	
2600	2.277	0.455	2.215	0.390	
2800	2.299	0.513	2.231	0.426	
3000	2.288	0.538	2.230	0.475	



**Audio Frequency Response**

Frequency: 462.6375 MHz	
Audio Frequency (Hz)	Response Attenuation (dB)
300	-12.81
400	-8.18
500	-6.10
600	-4.55
700	-3.28
800	-2.09
900	-1.00
1000	-0.01
1200	1.39
1400	2.46
1600	3.70
1800	4.80
2000	5.86
2200	6.69
2400	7.52
2600	8.14
2800	8.40
3000	8.60
3125	-12.81

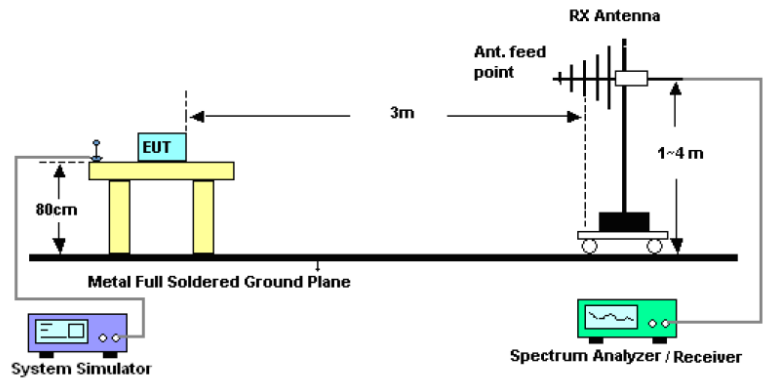


## 5.5. Emission Mask and Radiated Spurious Emission

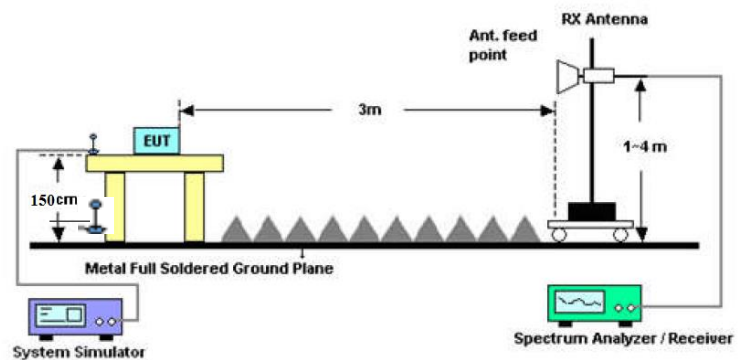
### 5.5.1. Test Specification

<b>Test Requirement:</b>	FCC part 95.579
<b>Test Method:</b>	ANSI C63.26-2015 Clause 5.5.3
<b>Operation mode:</b>	Refer to item 3.1
<b>Limit:</b>	<p>(a) <i>Attenuation requirements.</i> The power of unwanted emissions must be attenuated below the carrier power output in Watts (P) by at least:</p> <p>(1) 25 dB (decibels) in the frequency band 6.25 kHz to 12.5 kHz removed from the channel center frequency.</p> <p>(2) 35 dB in the frequency band 12.5 kHz to 31.25 kHz removed from the channel center frequency.</p> <p>(3) <math>43 + 10 \log (P)</math> dB in any frequency band removed from the channel center frequency by more than 31.25 kHz.</p> <p>(b) <i>Measurement bandwidths.</i> The power of unwanted emissions in the frequency bands specified in paragraphs (a)(1) and (2) of this section is measured with a reference bandwidth of 300 Hz. The power of unwanted emissions in the frequency range specified in paragraph (a)(3) is measured with a reference bandwidth of at least 30 kHz.</p> <p>(c) <i>Measurement conditions.</i> The requirements in this section apply to each FRS transmitter type both with and without the connection of permitted attachments, such as an external speaker, microphone and/or power cord.</p>
<b>Test setup:</b>	For 30MHz~1GHz





Above 1GHz



**Test Procedure:**

1. The testing follows ANSI C63.26-2015 Clause 5.5.3.
2. The EUT was placed on a rotatable wooden table 0.8 meters above the ground.
3. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between one meter and four meters to search for the maximum spurious emission for both horizontal and vertical polarizations.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking record of maximum spurious emission.
7. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
8. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
9. Taking the record of output power at antenna port.
10. Repeat step 7 to step 8 for another polarization.
11.  $EIRP (dBm) = S.G. Power - Tx Cable Loss + Tx Antenna Gain$
12.  $ERP (dBm) = EIRP - 2.15$
13. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

	14. The limit line is derived from 43 + 10log(P) dB below the transmitter power P(Watts) = P(W) - [43 + 10log(P)] (dB) = [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB) = -13dBm.
<b>Test results:</b>	PASS
<b>Remark:</b>	All modulations have been tested, but only the worst modulation show in this test item.



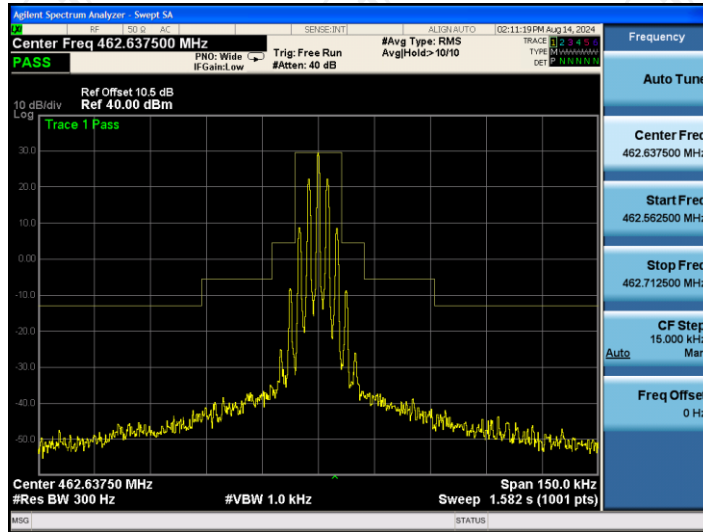
**5.5.2. Test Instruments**

Radiated Emission Test Site (966)				
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 26, 2025
RF Communications Tester	HP	8920A	348A05658	Jun. 26, 2025
Signal Generator	HP	N5173B	MY58108823	Jan. 31, 2025
Broadband Antenna	Schwarzbeck	VULB9163	340	Jun. 28, 2025
Horn Antenna	Schwarzbeck	BBHA 9120D	631	Jun. 28, 2025
Broadband Antenna	Schwarzbeck	VULB9163	412	Jun. 28, 2025
Horn Antenna	Schwarzbeck	BBHA 9120D	1201	Jun. 28, 2025
Horn Antenna	Schwarzbeck	BBHA 9170	00956	Feb. 02, 2025
Coaxial cable	SKET	RE-03-D	/	Jun. 26, 2025
Coaxial cable	SKET	RE-03-M	/	Jun. 26, 2025
Coaxial cable	SKET	RE-03-L	/	Jun. 26, 2025
Coaxial cable	SKET	RE-04-D	/	Jun. 26, 2025
Coaxial cable	SKET	RE-04-M	/	Jun. 26, 2025
Coaxial cable	SKET	RE-04-L	/	Jun. 26, 2025
Antenna Mast	Keleto	RE-AM	/	/
EMI Test Software	EZ_EMCC	FA-03A2 RE+	1.1.4.2	/

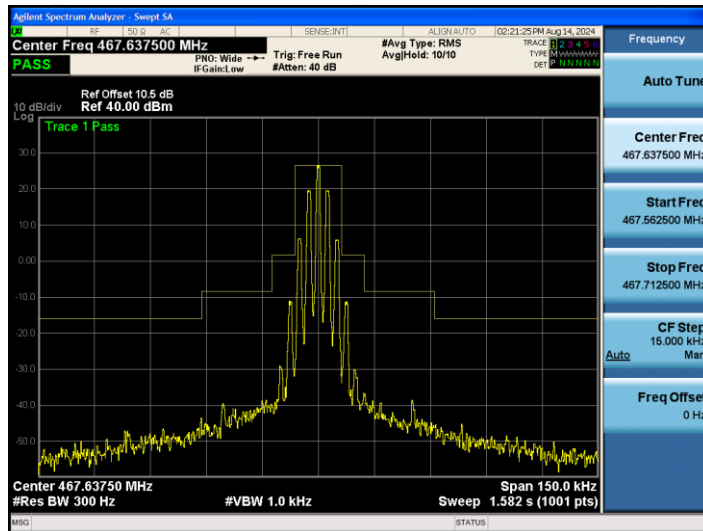
5.5.3. Test Data

Emission Mask

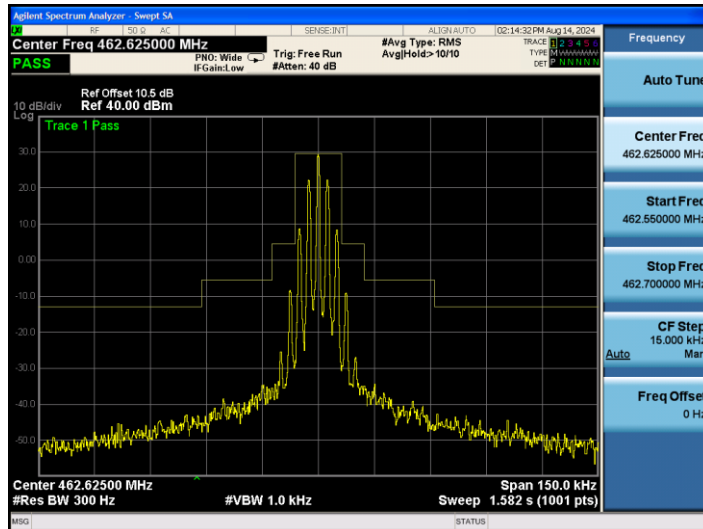
Channel 4



Channel 11



Channel 18



**Radiated Spurious Emission**

462.6375MHz						
Frequency (MHz)	Spurious Emission				Limit (dBm)	Result
	Polarization	Level (dBm)	Correction Factor (dB)	Spurious emissions (dBm)		
925.2750	Vertical	-32.53	15.62	-16.91	-13.00	PASS
1387.9125	V	-38.63	19.51	-19.12		
1850.5500	V	-46.15	22.36	-23.79		
925.2750	Horizontal	-30.68	14.92	-15.76		
1387.9125	H	-36.71	20.33	-16.38		
1850.5500	H	-43.22	23.41	-19.81		
467.6375MHz						
Frequency (MHz)	Spurious Emission				Limit (dBm)	Result
	Polarization	Level (dBm)	Correction Factor (dB)	Spurious emissions (dBm)		
935.2750	Vertical	-35.77	15.71	-20.06	-13.00	PASS
1402.9125	V	-41.67	19.66	-22.01		
1870.5500	V	-49.53	22.52	-27.01		
935.2750	Horizontal	-33.28	15.23	-18.05		
1402.9125	H	-39.67	20.53	-19.14		
1870.5500	H	-47.09	23.61	-23.48		
462.6250MHz						
Frequency (MHz)	Spurious Emission				Limit (dBm)	Result
	Polarization	Level (dBm)	Correction Factor (dB)	Spurious emissions (dBm)		
925.2500	Vertical	-33.71	15.61	-18.1	-13.00	PASS
1387.8750	V	-39.06	19.49	-19.57		
1850.5000	V	-47.69	22.33	-25.36		
925.2500	Horizontal	-32.11	14.88	-17.23		
1387.8750	H	-39.04	20.31	-18.73		
1850.5000	H	-44.13	23.35	-20.78		

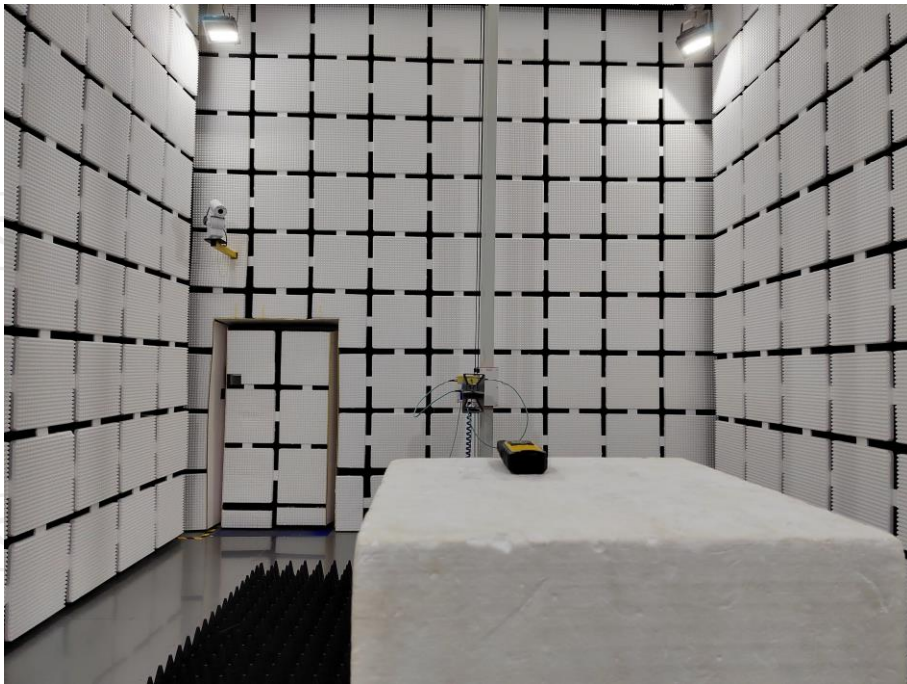
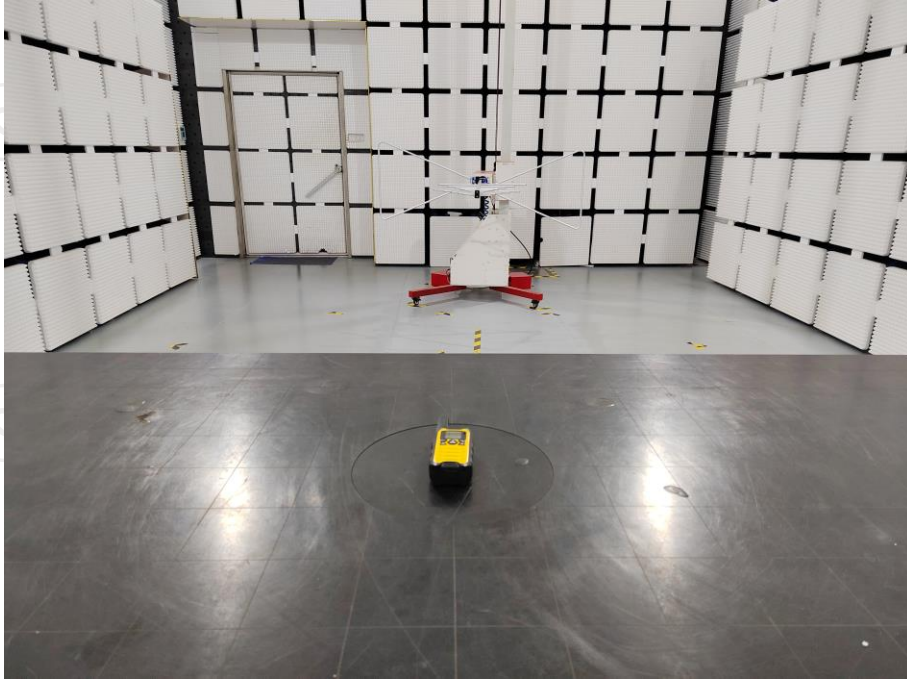
**Note:** The emission levels within 9KHz-30MHz are 20 dB below the limit value, which are not reported. It is deemed to comply with the requirement

## Appendix A: Photographs of Test Setup

Product: Walkie Talkie

Model: K15

Radiated Emission



## Appendix B: Photographs of EUT

Refer to the Appendix

**\*\*\*\*\*END OF REPORT\*\*\*\*\***