



Report No.: TW2106177-01E File reference No.: 2021-07-31

Applicant: Shenzhen Jingwah Information Technology Co., Ltd.

Product: VR Headset

Model No.: CVR-255-64, CVR-255-32

Trademark: CLASS VR

Test Standards: FCC Part 15.247

Test result:

It is herewith confirmed and found to comply with the

requirements set up by ANSI C63.10, FCC Part 15.247 for the

evaluation of electromagnetic compatibility

Approved By

Jack Chung

Manager

Dated: July 31, 2021

Results appearing herein relate only to the sample tested

The technical reports is issued errors and omissions exempt and is subject to withdrawal at

SHENZHEN TIMEWAY TESTING LABORATORIES

Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le Village, Nanshan District, Shenzhen, China

Tel (755) 83448688, Fax (755) 83442996, E-Mail:info@timeway-lab.com

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Special Statement:

The testing quality ability of our laboratory meet with "Quality Law of People's Republic of China" Clause 19.

The testing quality system of our laboratory meets with ISO/IEC-17025 requirements, which is approved by CNAS. This approval result is accepted by MRA of APLAC.

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

CNAS-LAB Code: L2292

The EMC Laboratory has been assessed and in compliance with CNAS-CL01 accreditation criteria for testing Laboratories (identical to ISO/IEC 17025:2005 General Requirements) for the Competence of testing Laboratories.

FCC-Registration No.: 744189

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission. The acceptance letter from the FCC is maintained in our files. Registration No.: 744189.

Industry Canada (IC) — Registration No.:5205A

The EMC Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 5205A.

A2LA (Certification Number:5013.01)

The EMC Laboratory has been accredited by the American Association for Laboratory Accreditation (A2LA). Certification Number:5013.01

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Test Report Conclusion

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1.0 General Details

1.1 Test Lab Details

Name: SHENZHEN TIMEWAY TESTING LABORATORIES.

Address: Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le

Village, Nanshan District, Shenzhen, China

Telephone: (755) 83448688 Fax: (755) 83442996

1.2 Applicant Details

Applicant: Shenzhen Jingwah Information Technology Co., Ltd.

Address: 6F, Bldg.4, Jinghua Square, No. 168, Zhenzhong Rd., Fuqiang Community, Huaqiangbei,

Futian District, Shenzhen

Telephone: -Fax: --

1.3 Description of EUT

Product: VR Headset

Manufacturer: Shenzhen Jingwah Information Technology Co., Ltd.

Address: 6F, Bldg.4, Jinghua Square, No. 168, Zhenzhong Rd., Fuqiang Community,

Huaqiangbei, Futian District, Shenzhen

Brand Name: CLASS VR
Model Number: CVR-255-64
Additional Model Number: CVR-255-32
Hardware Version: EM_AX139_MB_V1.0
Software Version: qfil-cvr25564-1.1.11-64gb

Serial No.: 251VRBESG1

Type of Modulation GFSK, 月/4DQPSK, 8DPSK for Bluetooth

Frequency range 2402-2480MHz for Bluetooth

Channel Spacing 1MHz for Bluetooth

Frequency Selection By software

Channel Number 79 channels for Bluetooth

Antenna: FPC Antenna. The gain of the antennas is 2.5dBi (Get from the antenna specification

provided the manufacturer)

Power Supply: Model: AV-ASC-USB-002; Input: 100-240V~, 1.3A, 50/60Hz;

Output: DC5V, 2.4A*5 or DC5V, 1A*10

Input Voltage: DC5V, 2.4A

Battery: DC3.8V, 3800mAh, 14.44Wh Li-ion battery

1.4 Submitted Sample: 3 Samples

The report refers only to the sample tested and does not apply to the bulk.

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1.5 Test Duration 2021-06-15 to 2021-07-31

1.6 Test Uncertainty

Conducted Emissions Uncertainty = 3.6dB Radiated Emissions below 1GHz Uncertainty =4.7dB Radiated Emissions above 1GHz Uncertainty =6.0dB Conducted Power Uncertainty =6.0dB Occupied Channel Bandwidth Uncertainty =5%

1.7 Test Engineer

Terry Tang The sample tested by

Print Name: Terry Tang

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2.0 Test Equipment					
Instrument Type	Manufacturer	Model	Serial No.	Date of Cal.	Due Date
ESPI Test Receiver	R&S	ESPI 3	100379	2021-06-18	2022-06-17
TWO Line-V-NETW	R&S	EZH3-Z5	100294	2021-06-18	2022-06-17
TWO Line-V-NETW	R&S	EZH3-Z5	100253	2021-06-18	2022-06-17
Impuls-Begrenzer	R&S	ESH3-Z2	100281	2021-06-18	2022-06-17
Loop Antenna	EMCO	6507	00078608	2021-06-18	2022-06-17
Spectrum	R&S	FSIQ26	100292	2021-06-18	2022-06-17
Horn Antenna	A-INFO	LB-180400-KF	J211060660	2021-06-18	2022-06-17
Horn Antenna	R&S	BBHA 9120D	9120D-631	2021-07-02	2024-07-01
Power meter	Anritsu	ML2487A	6K00003613	2021-06-18	2022-06-17
Power sensor	Anritsu	MA2491A	32263	2021-06-18	2022-06-17
Bilog Antenna	Schwarebeck	VULB9163	9163/340	2021-07-02	2024-07-01
9*6*6 Anechoic			N/A	2018-02-07	2021-02-06
EMI Test Receiver	RS	ESVB	826156/011	2021-06-18	2022-06-17
EMI Test Receiver	RS	ESH3	860904/006	2021-06-18	2022-06-17
Spectrum	HP/Agilent	ESA-L1500A	US37451154	2021-06-18	2022-06-17
Spectrum	HP/Agilent	E4407B	MY50441392	2021-06-18	2022-06-17
Spectrum	RS	FSP	1164.4391.38	2021-01-15	2022-01-14
RF Cable	Zhengdi	ZT26-NJ-NJ-8M/F A		2021-06-18	2022-06-17
RF Cable	Zhengdi	7m		2021-06-18	2022-06-17
RF Switch	EM	EMSW18	060391	2021-06-18	2022-06-17
Pre-Amplifier	Schwarebeck	BBV9743	#218	2021-06-18	2022-06-17
Pre-Amplifier	HP/Agilent	8449B	3008A00160	2021-06-18	2022-06-17
LISN	SCHAFFNER	NNB42	00012	2021-01-15	2022-01-14

2.2 Automation Test Software

For Conducted Emission Test

Name	Version		
EZ-EMC	Ver.EMC-CON 3A1.1		

For Radiated Emissions

Name	Version
EMI Test Software BL410-EV18.91	V18.905
EMI Test Software BL410-EV18.806 High Frequency	V18.06

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3.0 **Technical Details**

3.1 **Summary of test results**

The FIIT has	hoon tosted	according	to the	following	specifications:
THE LUI HAS	neen testeu	accorume	w me	LOHOWIHZ	specifications:

Requirement	CFR 47 Section	Result	Notes
Antenna Requirement	15.203, 15.247(b)(4)	PASS	Complies
Maximum Peak Out Power	15.247 (b)(1), (4)	PASS	Complies
Carrier Frequency Separation	15.247(a)(1)	PASS	Complies
20dB Channel Bandwidth	15.247 (a)(1)	PASS	Complies
Number of Hopping Channels	15.247(a)(iii), 15.247(b)(1)	PASS	Complies
Time of Occupancy (Dwell Time)	15.247(a)(iii)	PASS	Complies
Spurious Emission, Band Edge, and Restricted bands	15.247(d),15.205(a), 15.209 (a),15.109	PASS	Complies
Conducted Emissions	15.207(a), 15.107	PASS	Complies
RF Exposure	15.247(i), 1.1307(b)(1)	PASS	Complies

3.2 **Test Standards**

FCC Part 15 Subpart & Subpart C, Paragraph 15.247

4.0 **EUT Modification**

No modification by SHENZHEN TIMEWAY TESTING LABORATORIES.

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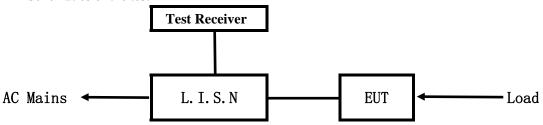
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5. Power Line Conducted Emission Test

5.1 Schematics of the test

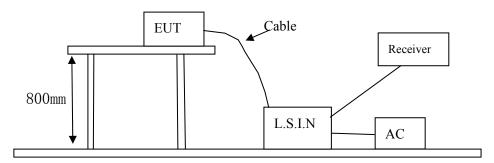


EUT: Equipment Under Test

5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.10-2013. The Frequency spectrum From 0.15MHz to 30MHz was investigated. The LISN used was 50ohm/50uH as specified by section 5.1 of ANSI C63.10-2013.

Test Voltage: 120V~ 60Hz Block diagram of Test setup



5.3 Configuration of The EUT

The EUT was configured according to ANSI C63.10-2013. All interface ports were connected to the appropriate peripherals. All peripherals and cables are listed below.

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A. EUT

Device	Manufacturer	Model	FCC ID
VR Headset	Shenzhen Jingwah Information	CVR-255-64,	RBD-CVR-255-64
	Technology Co., Ltd.	CVR-255-32	NDD-C V K-233-04

B. Internal Device

Device	Manufacturer	Model	Rating

C. Peripherals

Device	Manufacturer	Model	Rating
N/A			

5.4 EUT Operating Condition

Operating condition is according to ANSI C63.10-2013.

- A Setup the EUT and simulators as shown on follow
- B Enable AF signal and confirm EUT active to normal condition

5.5 Power line conducted Emission Limit according to Paragraph 15.207

Frequency	Limits (dB \(\mu \)				
(MHz)	Quasi-peak Level	Average Level			
$0.15 \sim 0.50$	66.0~56.0*	56.0~46.0*			
$0.50 \sim 5.00$	56.0	46.0			
5.00 ~ 30.00	60.0	50.0			

Notes:

- 1. *Decreasing linearly with logarithm of frequency.
- 2. The tighter limit shall apply at the transition frequencies

5.6 Test Results

The frequency spectrum from 0.15MHz to 30MHz was investigated. All reading are quasi-peak values with a resolution bandwidth of 9kHz.

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A: Conducted Emission on Live Terminal (150kHz to 30MHz)

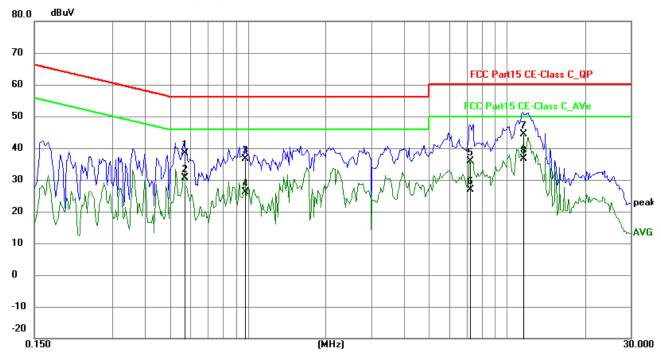
EUT Operating Environment

Humidity: 65%RH Atmospheric Pressure: 101 kPa Temperature: 26°C

EUT set Condition: Keep Bluetooth Transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.5673	28.67	9.77	38.44	56.00	-17.56	QP	Р
2	0.5673	20.86	9.77	30.63	46.00	-15.37	AVG	Р
3	0.9768	26.83	9.79	36.62	56.00	-19.38	QP	Р
4	0.9768	16.35	9.79	26.14	46.00	-19.86	AVG	Р
5	7.2042	25.87	10.02	35.89	60.00	-24.11	QP	Р
6	7.2042	16.89	10.02	26.91	50.00	-23.09	AVG	Р
7	11.5176	34.16	10.23	44.39	60.00	-15.61	QP	Р
8	11.5176	26.48	10.23	36.71	50.00	-13.29	AVG	Р

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B: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

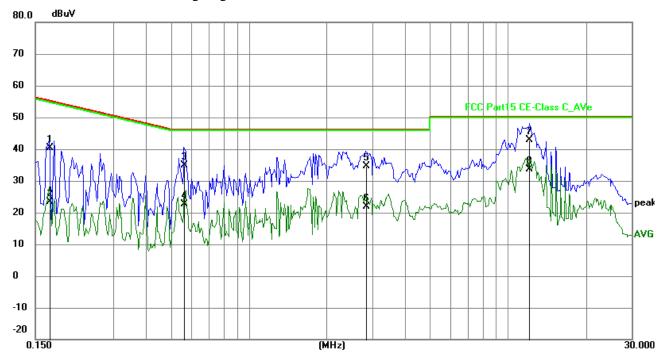
EUT Operating Environment

Humidity: 65%RH Atmospheric Pressure: 101 kPa Temperature: 26°C

EUT set Condition: Keep Bluetooth Transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1695	30.64	9.77	40.41	54.98	-14.57	QP	Р
2	0.1695	13.68	9.77	23.45	54.98	-31.53	AVG	Р
3	0.5633	25.22	9.77	34.99	46.00	-11.01	QP	Р
4	0.5633	12.82	9.77	22.59	46.00	-23.41	AVG	Р
5	2.8293	24.77	9.84	34.61	46.00	-11.39	QP	Р
6	2.8293	12.11	9.84	21.95	46.00	-24.05	AVG	Р
7	12.0791	32.59	10.25	42.84	50.00	-7.16	QP	Р
8	12.0791	23.45	10.25	33.70	50.00	-16.30	AVG	Р

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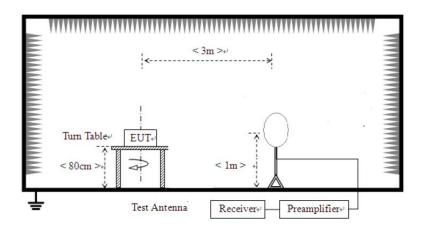


6 Radiated Emission Test

- 6.1 Test Method and test Procedure:
- (1) The EUT was tested according to ANSI C63.10-2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) The EUT, peripherals were put on the turntable which table size is 1m x 1.5 m, table high 0.8 m. All set up is according to ANSI C63.10-2013.
- (3) The frequency spectrum from 30 MHz to 25GHz was investigated. All readings from 30 MHz to 1 GHz are quasi-peak values with a resolution bandwidth of 120 kHz. For measurement above 1GHz, peak values with RBW=VBW=1MHz and PK detector. AV value with RBW=1MHz, VBW=10Hz and PK detector. Measurements were made at 3 meters.
- (4) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (5) Maximizing procedure was performed on the six (6) highest emissions to ensure EUT compliance is with all installation combinations. All data was recorded in the peak detection mode. Quasi-peak readings was performed only when an emission was found to be marginal (within -4 dB of specification limit), and are distinguished with a "**QP**" in the data table.
- (6) The antenna polarization: Vertical polarization and Horizontal polarization.

Block diagram of Test setup

For radiated emissions from 9kHz to 30MHz



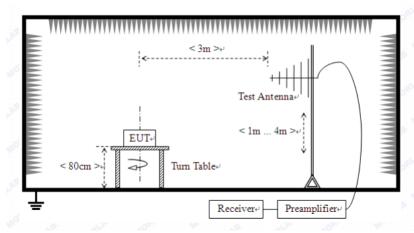
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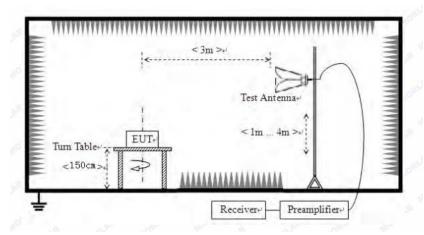
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For radiated emissions from 30MHz to1GHz



For radiated emissions above 1GHz



- 6.2 Configuration of The EUT

 Same as section 5.3 of this report
- 6.3 EUT Operating Condition
 Same as section 5.4 of this report.
- 6.4 Radiated Emission Limit

All emission from a digital device, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strength specified below:

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Frequencies in restricted band are complied to limit on Paragraph 15.209

Frequency Range (MHz)	Distance (m)	Field strength (dB μ V/m)
30-88	3	40.0
88-216	3	43.5
216-960	3	46.0
Above 960	3	54.0

Note:

- 1. RF Voltage (dBuV) = 20 log RF Voltage (uV)
- 2. In the Above Table, the higher limit applies at the band edges.
- 3. Distance refers to the distance in meters between the measuring instrument antenna and the EUT
- 4. GFSK was the worst case because it has highest output power
- 5. This is a handhold device. The radiated emissions should be tested under 3-axes position (Lying, Side, and Stand), After pre-test. It was found that the worse radiated emission was get at the lying position.

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Test result

General Radiated Emission Data and Harmonics Radiated Emission Data

Radiated Emission In Horizontal/Vertical (30MHz----1000MHz)

EUT set Condition: Keep Bluetooth Transmitting

Results: Pass

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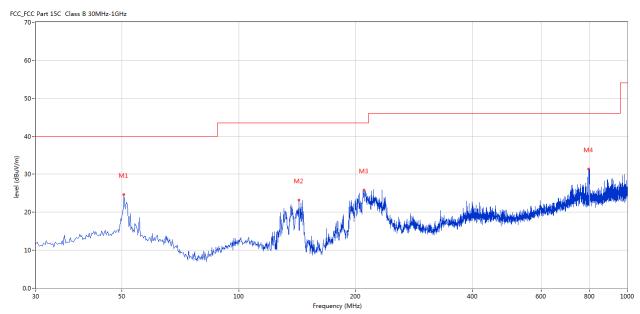
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Test Figure:

H



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	50.607	24.68	-11.39	40.0	-15.32	Peak	123.00	100	Horizontal	Pass
2	142.734	23.16	-17.30	43.5	-20.34	Peak	109.00	100	Horizontal	Pass
3	209.890	25.90	-13.56	43.5	-17.60	Peak	347.00	100	Horizontal	Pass
4	796.593	31.42	-3.07	46.0	-14.58	Peak	102.00	100	Horizontal	Pass

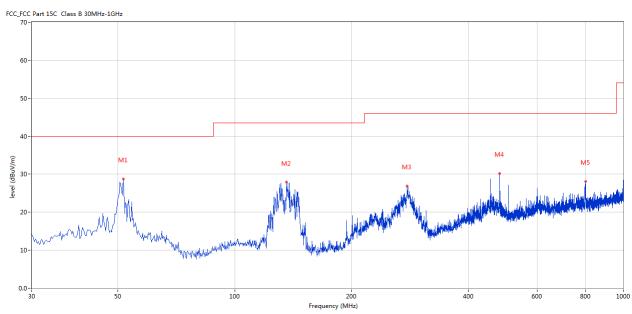
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Test Figure:

V



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	51.577	28.77	-11.41	40.0	-11.23	Peak	335.00	100	Vertical	Pass
2	135.946	27.89	-17.16	43.5	-15.61	Peak	230.00	100	Vertical	Pass
3	277.531	26.94	-11.54	46.0	-19.06	Peak	258.00	100	Vertical	Pass
4	480.937	30.25	-7.36	46.0	-15.75	Peak	335.00	100	Vertical	Pass
5	799.745	28.08	-2.97	46.0	-17.92	Peak	195.00	100	Vertical	Pass

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Operation Mode: Transmitting under Low Channel (2402MHz)

Frequency (MHz)	Level@3m (dBμV/m)	Antenna Polarity	Limit@3m (dB \(\mu \)V/m)
4804		Н	74(Peak)/ 54(AV)
4804		V	74(Peak)/ 54(AV)
7206		H/V	74(Peak)/ 54(AV)
9608		H/V	74(Peak)/ 54(AV)
12010		H/V	74(Peak)/ 54(AV)
14412		H/V	74(Peak)/ 54(AV)
16814		H/V	74(Peak)/ 54(AV)
19216		H/V	74(Peak)/ 54(AV)
21618		H/V	74(Peak)/ 54(AV)
24020		H/V	74(Peak)/ 54(AV)

Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit

2. Remark "---" means that the emissions level is too low to be measured

Operation Mode: Transmitting g under Middle Channel (2441MHz)

Frequency (MHz)	Level@3m (dB \u03b4 V/m)	Antenna Polarity	Limit@3m (dB \(\mu \)V/m)
4882	-	Н	74(Peak)/ 54(AV)
4882		V	74(Peak)/ 54(AV)
7323		H/V	74(Peak)/ 54(AV)
9764		H/V	74(Peak)/ 54(AV)
12205		H/V	74(Peak)/ 54(AV)
14646		H/V	74(Peak)/ 54(AV)
17087		H/V	74(Peak)/ 54(AV)
19528		H/V	74(Peak)/ 54(AV)
21969		H/V	74(Peak)/ 54(AV)
24410	-	H/V	74(Peak)/ 54(AV)

Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit

2. Remark "---" means that the emissions level is too low to be measured

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Operation Mode: Transmitting under High Channel (2480MHz)

Frequency (MHz)	Level@3m (dB \u03b4 V/m)	Antenna Polarity	Limit@3m (dB \(\mu \)V/m)
4960		Н	74(Peak)/ 54(AV)
4960		V	74(Peak)/ 54(AV)
7440		H/V	74(Peak)/ 54(AV)
9920		H/V	74(Peak)/ 54(AV)
12400		H/V	74(Peak)/ 54(AV)
14880		H/V	74(Peak)/ 54(AV)
17360		H/V	74(Peak)/ 54(AV)
19840		H/V	74(Peak)/ 54(AV)
22320		H/V	74(Peak)/ 54(AV)
24800		H/V	74(Peak)/ 54(AV)

Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit

^{2.} Remark "---" means that the emissions level is too low to be measured

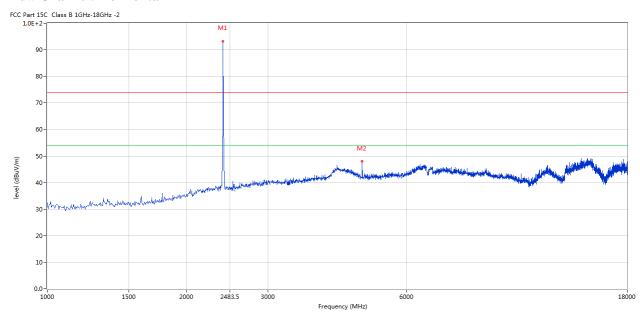
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Please refer to the following test plots for details:

Low Channel: Horizontal



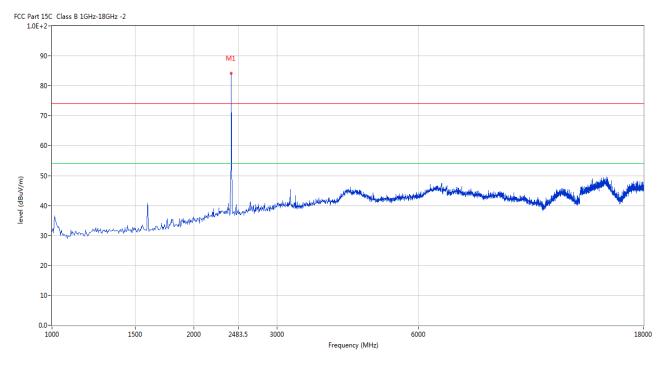
Ī	No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
		(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
	2	4802.799	48.04	3.12	74.0	-25.96	Peak	288.00	100	Horizontal	Pass

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Low Channel: Vertical

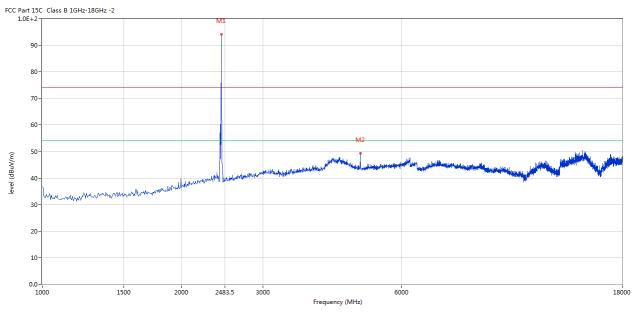


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Middle Channel: Horizontal



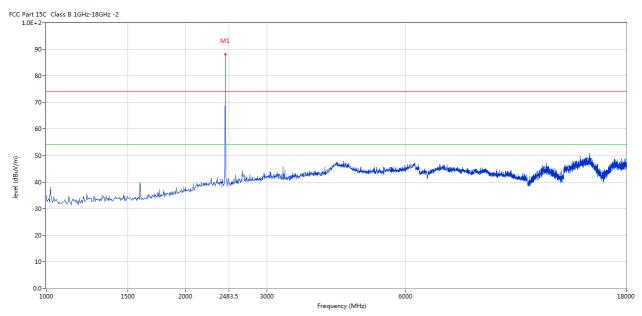
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
2	4883.529	49.76	3.20	74.0	-24.24	Peak	298.00	100	Horizontal	Pass

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Middle Channel: Vertical



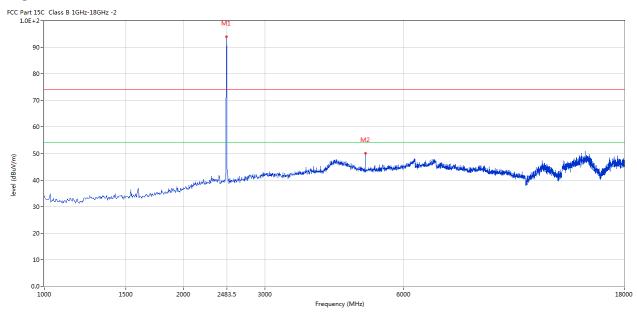
N	o.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
		(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1		2440.390	88.19	-3.57	74.0	14.19	Peak	359.00	100	Vertical	N/A

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High Channel: Horizontal



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
2	4960.010	50.17	3.36	74.0	-23.83	Peak	300.00	100	Horizontal	Pass

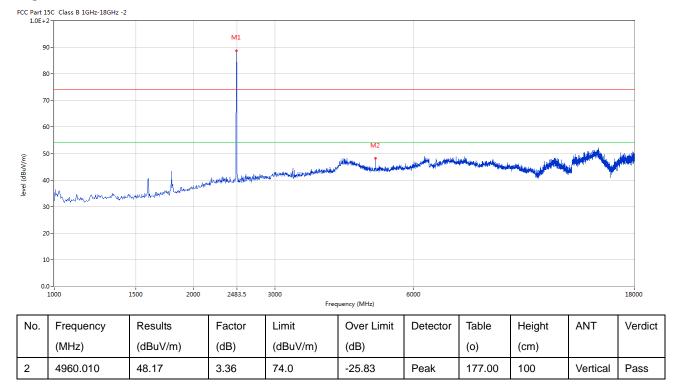
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High Channel: Vertical



Note: 1. for the radiated emissions above 18G and below 30MHz, it is the floor noise.

2. the measured PK radiated emissions level less than the AV limit, so no necessary to take down the AV result

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7.0 20dB Bandwidth Measurement

7.1 Regulation

Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in Subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.

7.2 Limits of 20dB Bandwidth Measurement

N/A

7.3 Test Procedure.

- 1. Check the calibration of the measuring instrument (spectrum analyzer) using either an internal calibrator or a known signal from an external generator.
- 2. Set the spectrum analyzer as follows: Span =3MHz, RBW =30 kHz, VBW=100 kHz, Sweep = auto Detector function = peak, Trace = max hold
- 3. Measure the highest amplitude appearing on spectral display and record the level to calculate results. 6. Repeat above procedures until all frequencies measured were complete.

7.4 Test Result

Type of Modulation: GFSK

J 1	ype of filodulation. G1511								
EUT	VI	R Headset	Model	CVR-255-64					
Mode	Keep	Transmitting	Input Voltage	DC3.8V					
Temperat	ure 2	4 deg. C,	Humidity	56% RH					
Channel	Channel Frequency (MHz)	20 dB Bandwidth (kHz)	Minimum Limit (kHz)	Pass/ Fail					
Low	2402	1034		Pass					
Middle	2441	1034		Pass					
High	2480	1034		Pass					

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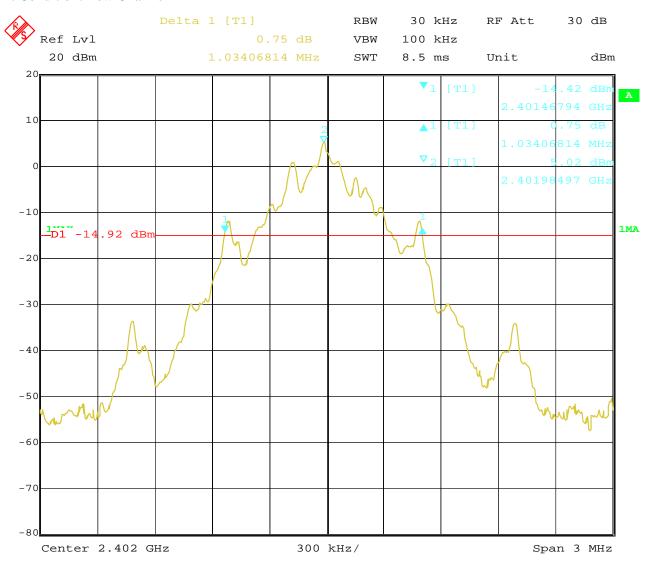
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Test Figure:

1. Condition: Low Channel



Date: 30.JUL.2021 10:27:26

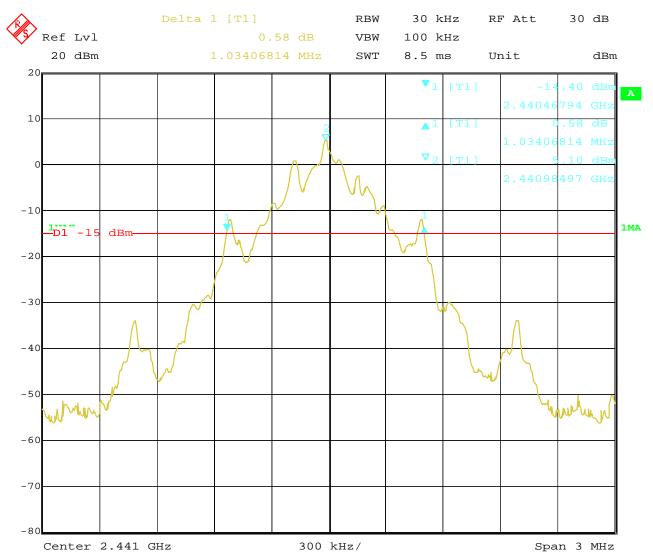
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2. Condition: Middle Channel



Date: 30.JUL.2021 10:25:50

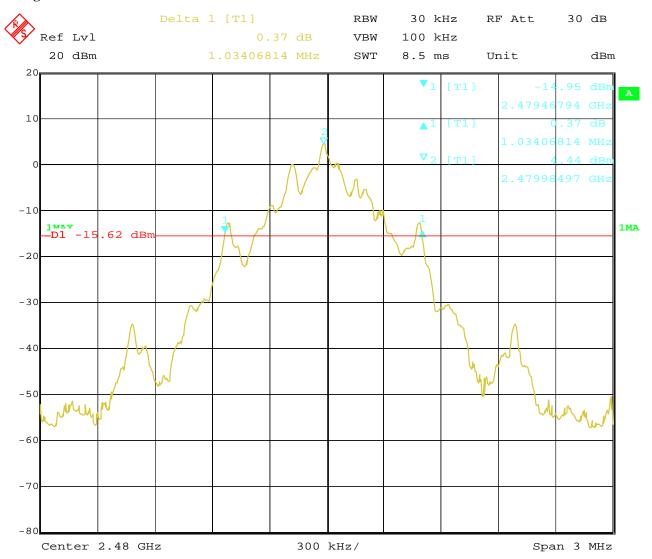
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3. High Channel



Date: 30.JUL.2021 10:24:21 Report No.: TW2106177-01E

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Test Result

Type of Modulation: JI/4DQPSK

EUT	V	R Headset	Model	CVR-255-64
Mode	Keep	Transmitting	Input Voltage	DC3.8V
Temperature	2	24 deg. C,	Humidity	56% RH
Channel	Channel Frequency (MHz)	20 dB Bandwidth (kHz)	Maximum Limit (kHz)	Pass/ Fail
Low	2402	1136		Pass
Middle	2441	1136		Pass
High	2480	1136		Pass

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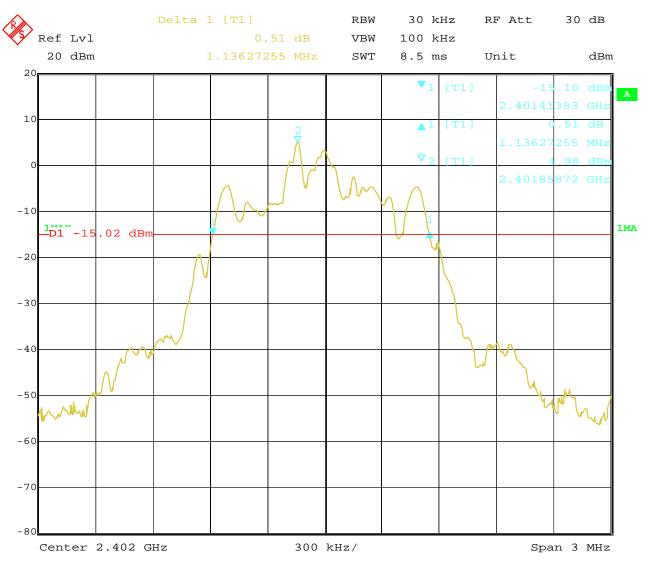
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Test Figure:

1. Condition: Low Channel



Date: 30.JUL.2021 10:28:51

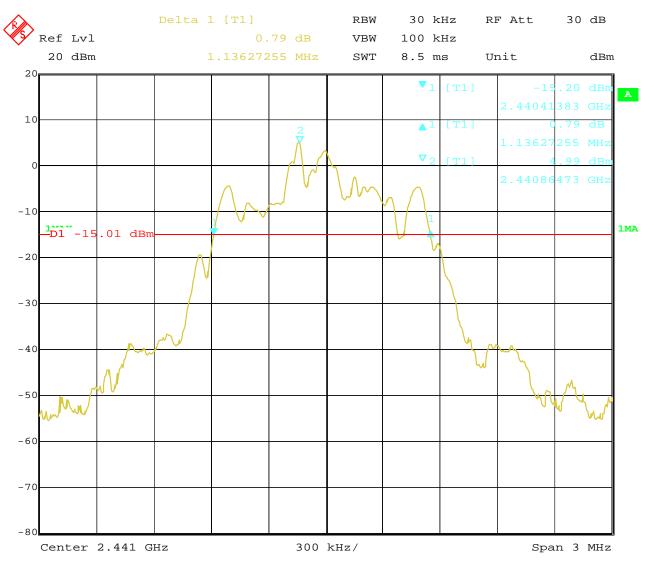
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2. Condition: Middle Channel

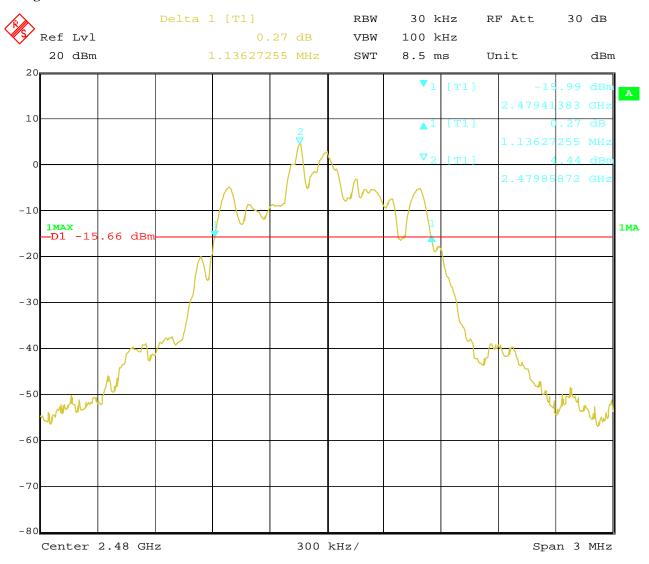


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3. High Channel



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Test Result

Type of Modulation: 8DPSK

EUT	VR Headset		Model	CVR-255-64
Mode	Keep Transmitting		Input Voltage	DC3.8V
Temperature	24 deg. C,		Humidity	56% RH
Channel	Channel Frequency (MHz)	20 dB Bandwidth (kHz)	Maximum Limit (kHz)	Pass/ Fail
Low	2402	1250		Pass
Middle	2441	1257		Pass
High	2480	1202		Pass

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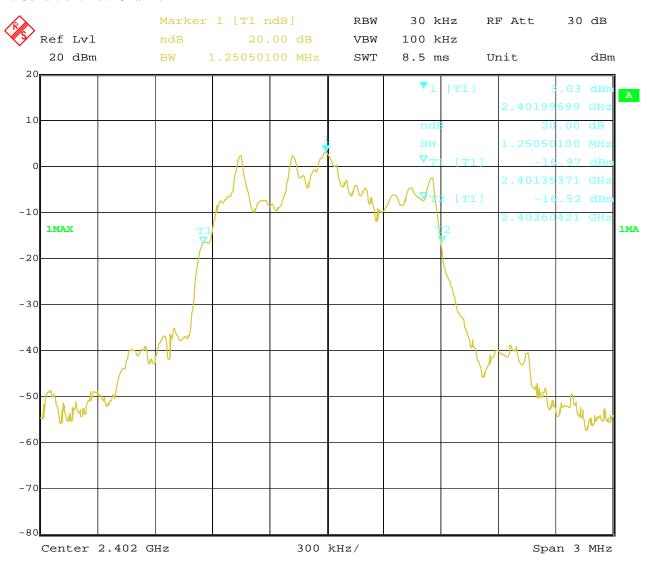
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Test Figure:

1. Condition: Low Channel



Date: 30.JUL.2021 10:41:14

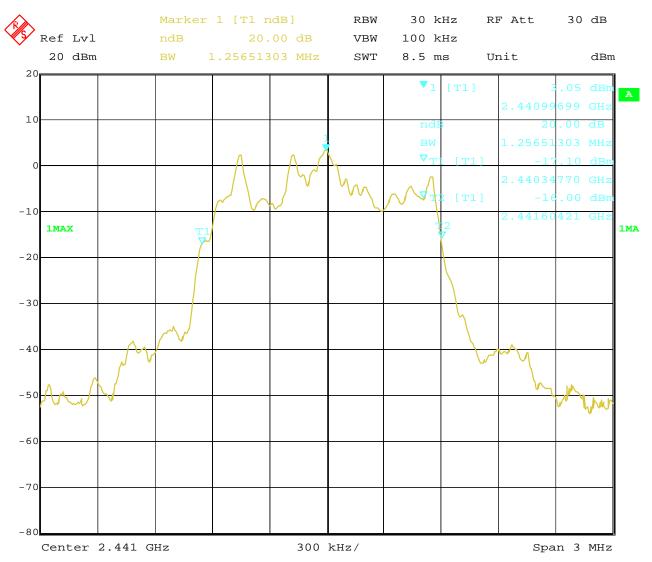
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2. Condition: Middle Channel

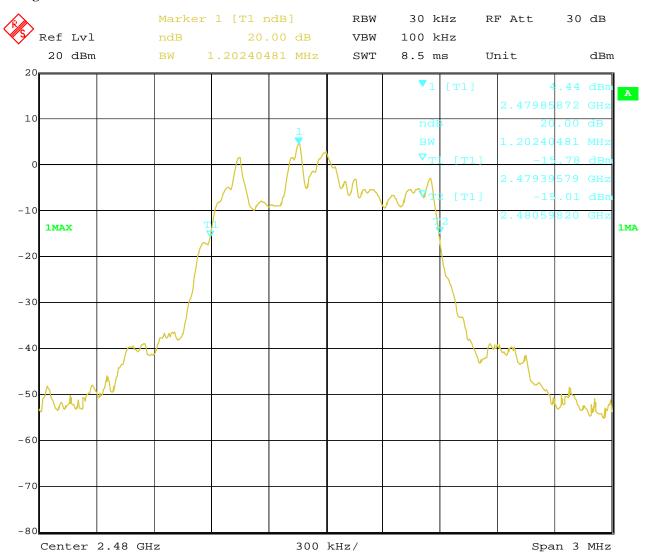


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3. High Channel



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8. Maximum Output Power

8.1 Regulation

According to §15.247(b)(1), for frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5MHz band:0.125 watts. According to §15.247(b)(4), the conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

8.2 Limits of Maximum Output Power

The Maximum Output Power Measurement is 30dBm.

8.3 Test Procedure

- 1. Check the calibration of the measuring instrument (spectrum analyzer) using either an internal calibrator or a known signal from an external generator.
- 2. Set the spectrum analyzer as follows: Span = approximately 5 times the 20 dB bandwidth, centered on a hopping channel; RBW > the 20 dB bandwidth of the emission being measured; VBW = RBW=3MHz; Sweep = 60s; Detector function = PK; Trace = max hold
- 3. Measure the highest amplitude appearing on spectral display and record the level to calculate results.
- 4. Repeat above procedures until all frequencies measured were complete.

Note: The Average power were measured

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8.4Test Results

Type of Modulation: GFSK

EUT	VR Headset		Model	CVR-255-64
Mode	Keep Transmitting		Input Voltage	DC3.8V
Temperature		24 deg. C,	Humidity	56% RH
Channel	Channel Frequency (MHz)	Max. Power Output (dBm)	Peak Power Limit (dBm)	Pass/ Fail
Low	2402	11.20	30	Pass
Middle	2441	11.65	30	Pass
High	2480	11.36	30	Pass

Note: 1. the result basic equation calculation as follow:

Max. Power Output = Power Reading + Cable loss + Attenuator

- 2. The worse case was recorded
- 3. The **AV** power was measured

Type of Modulation: JI/4DQPSK

EUT	VR Headset		Model	CVR-255-64
Mode		Keep Transmitting	Input Voltage	DC3.8V
Temperature	24 deg. C,		Humidity	56% RH
Channel	Channel Max. Power Output (dBm) Frequency (MHz) AV		Peak Power Limit (dBm)	Pass/ Fail
Low	2402	8.20	30	Pass
Middle	2441	8.92	30	Pass
High	2480	8.86	30	Pass

Note: 1. the result basic equation calculation as follow:

Max. Power Output = Power Reading + Cable loss + Attenuator

- 2. The worse case was recorded
- 3. The AV power was measured

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Type of Modulation: 8DPSK

EUT		VR Headset		CVR-255-64
Mode	Ke	ep Transmitting	Input Voltage	DC3.8V
Temperature	e	24 deg. C,		56% RH
Channel	Channel Frequency	Max. Power Output (dBm)	Peak Power Limit	Pass/ Fail
Chamer	(MHz)	AV	(dBm)	
Low	2402	8.20	30	Pass
Middle	2441	8.27	30	Pass
High	2480	8.88	30	Pass

Note: 1. the result basic equation calculation as follow:

Max. Power Output = Power Reading + Cable loss + Attenuator

- 2. The worse case was recorded
- 3. The AV power was measured

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9. Carrier Frequency Separation

9.1 Regulation

According to §15.247(a)(1), frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.

9.2 Limits of Carrier Frequency Separation

The Maximum Power Spectral Density Measurement is 25kHz or two-thirds of the 20dB bandwidth of the hopping Channel which is great.

9.3 Test Procedure

- 1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
- 2. Set the spectrum analyzer as follows: Span = wide enough to capture the peaks of two adjacent channels: Resolution (or IF) Bandwidth (RBW) \geq 1% of the span; Video (or Average) Bandwidth (VBW) \geq RBW; Sweep = auto; Detector function = peak; Trace = max hold
- 3. Measure the separation between the peaks of the adjacent channels using the marker-delta function.
- 4. Repeat above procedures until all frequencies measured were complete.

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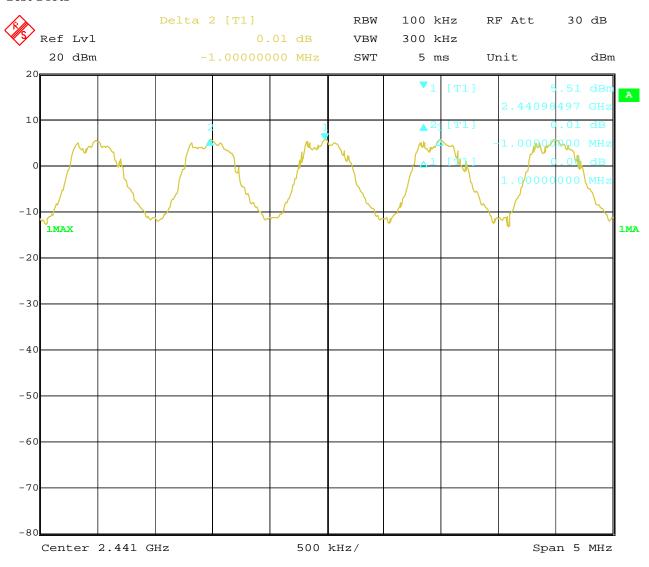


9.4Test Result

Type of Modulation: GFSK

EUT	VR Headset N		Model	C	VR-255-64
Mode	Hopping On I		Input Voltage		DC3.8V
Temperature	24 deg. C,		Humidity	56% RH	
Carrier Frequency Separation			Limit		Pass/ Fail
	1.000MHz	≥ 25 kHz or 2/3	of the 20 dB ban	dwidth	Pass

Test Plots



Date: 29.JUL.2021 17:21:45

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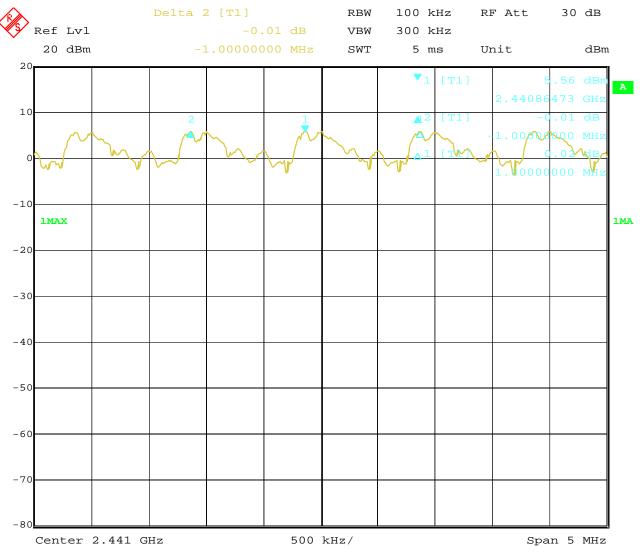
Date: 2021-07-31



Type of Modulation: Л/4DQPSK

EUT	VR Headse	Model	С	VR-255-64	
Mode	Hopping On Ir		Input Voltage		DC3.8V
Temperature	24 deg. C,		Humidity	56% RH	
Carrier Frequency Separation			Limit		Pass/ Fail
	1.000MHz	≥ 25 kHz or 2/3 of 20 dB bandwidth		vidth	Pass

Test Plots



29.JUL.2021 19:07:00 Date:

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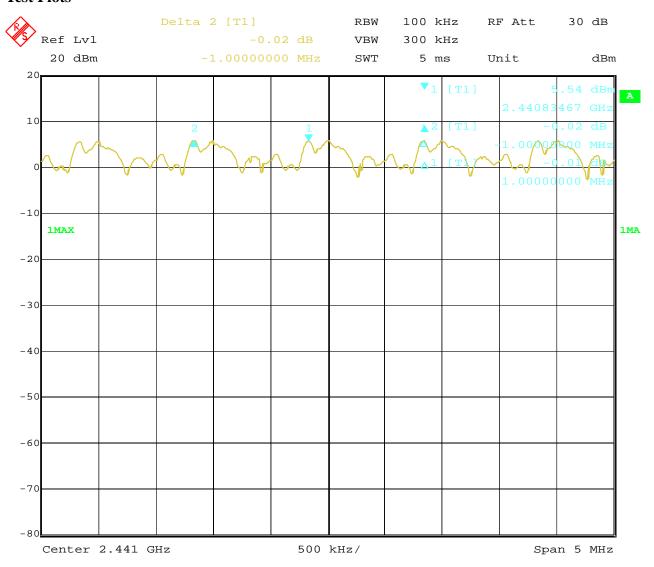
Date: 2021-07-31



Type of Modulation: 8DPSK

EUT	VR Headse	Model	С	VR-255-64	
Mode	Hopping On In		Input Voltage		DC3.8V
Temperature	24 deg. C,		Humidity	56% RH	
Carrier Frequency Separation			Limit		Pass/ Fail
	1.000MHz	≥ 25 kHz or 2/3 of 20 dB bandwidth		width	Pass

Test Plots



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10. Number of Hopping Channels

10.1 Regulation

According to §15.247(a)(1)(iii), frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used. According to §15.247(b)(1), for frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.

10.2 Limits of Number of Hopping Channels

The frequency hopping systems in the 2400-2483.5MHz band shall use at least 15 channels.

10.3 Test Procedure

- 1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
- 2. Set the spectrum analyzer as follows: Span = the frequency band of operation; RBW=100 kHz, VBW=300 kHz; Sweep = auto; Detector function = peak; Trace = max hold
- 3. Record the number of hopping channels.

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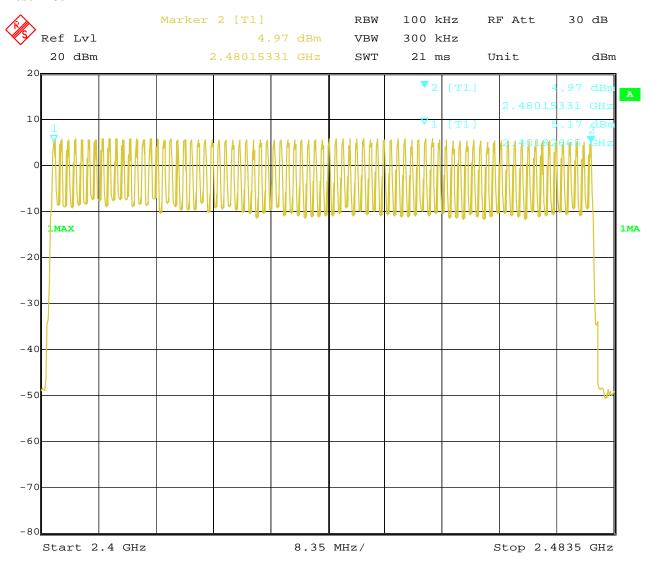


10.4Test Result

Type of Modulation: GFSK

EUT	VR Headset		Model	CVR-255-64	
Mode	Hopping On		Input Voltage	DC3.8V	
Temperature	24 deg. C,		Humidity	56% RH	
Operating Frequency Number of hopp			oing channels	Limit	Pass/ Fail
2402-2480MHz		79		≥ 15	Pass

Test Plot



29.JUL.2021 16:39:47 Date:

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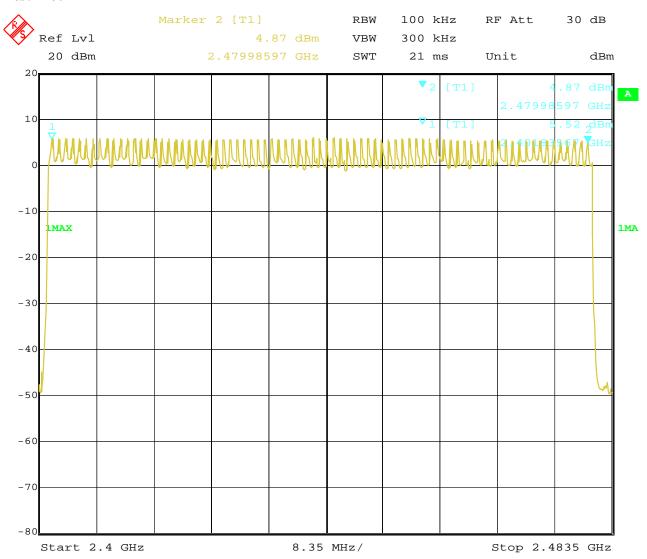
Date: 2021-07-31



Type of Modulation: $\sqrt{1/4}$ DQPSK

EUT	VR Headset		Mode	odel		CVR-255-64
Mode	Hopping On		_	Input Voltage		DC3.8V
Temperature	24 deg. C,		Hum	idity		56% RH
Operating Frequency		Number of hopping channels		Lin	nit	Pass/ Fail
2402-2480MHz		79		<u>></u>	15	Pass

Test Plot



29.JUL.2021 20:03:48 Date:

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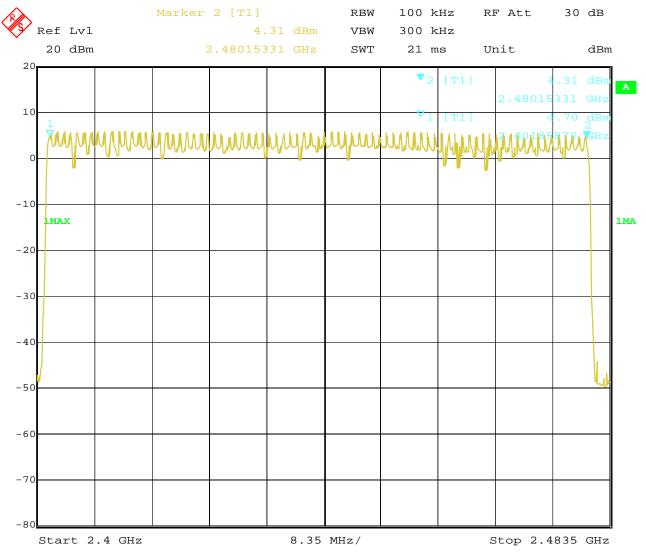
Date: 2021-07-31



Type of Modulation: 8DPSK

EUT	VR Headset		Model	:1		CVR-255-64
Mode	Hopping On		Input V	oltage		DC3.8V
Temperature	2	24 deg. C,		ity		56% RH
Operating Frequency		Number of hopp channels	oing	Liı	mit	Pass/ Fail
2402-2480MHz		79		<u> </u>	15	Pass

Test Plot



29.JUL.2021 Date: 22:11:30

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11. Time of Occupancy (Dwell Time)

11.1 Regulation

According to §15.247(a)(1)(iii), frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used.

11.2 Limits of Carrier Frequency Separation

The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed

11.3 Test Procedure

- 1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
- 2. Set the spectrum analyzer as follows: Span = zero span, centered on a hopping channel; RBW = 1 MHz; VBW \geq RBW; Sweep = as necessary to capture the entire dwell time per hopping channel; Detector function = peak; Trace = max hold
- 3. Measure the dwell time using the marker-delta function.
- 4. Repeat above procedures until all frequencies measured were complete.
- 5. Repeat this test for different modes of operation (e.g., data rate, modulation format, etc.), if applicable.

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11.4 Test Result

Type of Modulation: GFSK

EUT	VR I	VR Headset		CVR-255-64					
Mode	Keep Tra	ansmitting	Input Voltage	I	DC3.8V				
Temperatur	e 24 d	24 deg. C,		5	56% RH				
Channel	Reading	Hoping	Hoping Rate		Limit				
	DH5								
Middle	2.946ms	266.66	7 hop/s	0.314s	0.4s				
			DH3						
Middle	1.683ms	400 hop/s		0.269s	0.4s				
	DH1								
Middle	0.421ms	800 l	nop/s	0.135s	0.4s				

Actual = Reading \times (Hopping rate / Number of channels) \times Test period, Test period = 0.4 [seconds / channel] \times 79 [channel] = 31.6 [seconds] NOTE: The EUT makes worst case 1600 hops per second or 1 time slot has a length of 625 μ s with 79 channels.

A DH5 Packet needs 5 time slot for transmitting and 1 time slot for receiving. Then the EUT makes worst case 266.667 hops per second with 79 channels.

A DH3 Packet needs 3 time slot for transmitting and 1 time slot for receiving. Then the EUT makes worst case 400 hops per second with 79 channels.

A DH1 Packet needs 1 time slot for transmitting and 1 time slot for receiving. Then the EUT makes worst case 800 hops per second with 79 channels.

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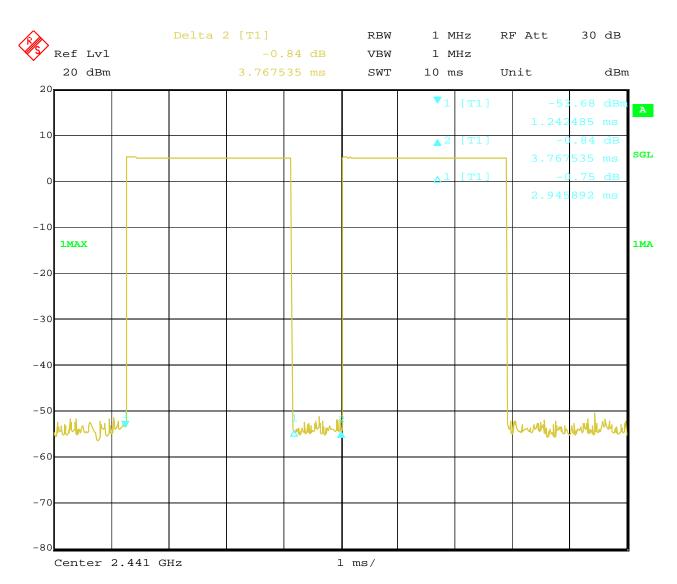
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Test Plots:

DH5

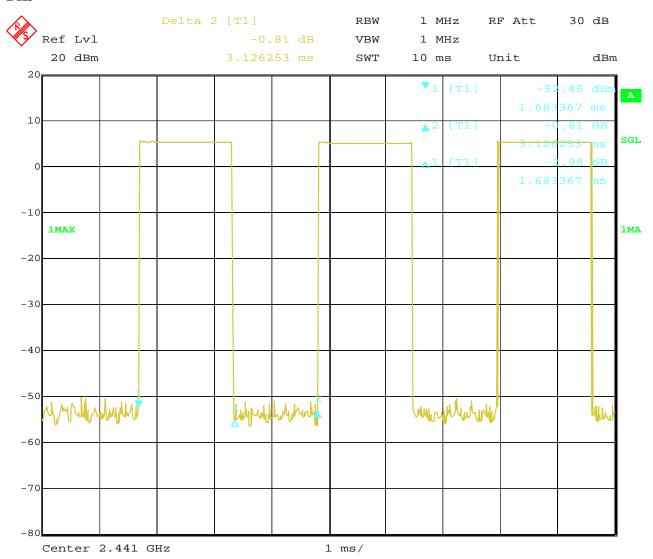


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DH3

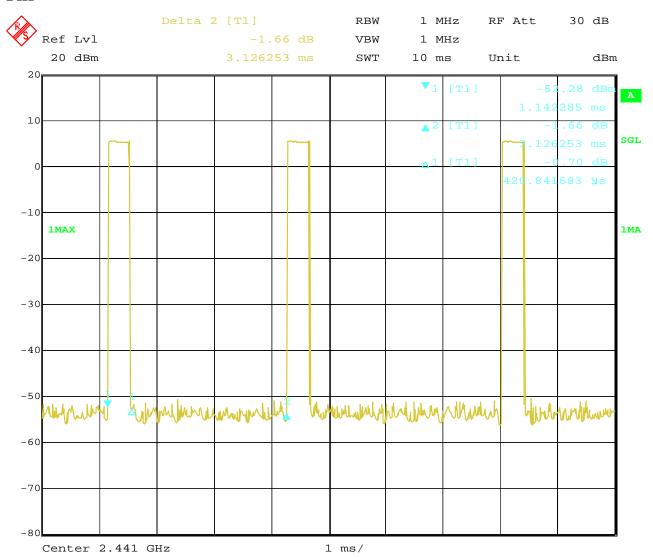


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DH1



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Test Result

Type of Modulation: √ //4DQPSK

EUT	VR I	VR Headset		CV	R-255-64				
Mode	Keep Tra	ansmitting	Input Voltage	Ε	OC3.8V				
Temperature	e 24 d	24 deg. C,		5	6% RH				
Channel	Reading	Hoping	Hoping Rate		Limit				
	2DH5								
Middle	2.946ms	266.66	7 hop/s	0.314s	0.4s				
			2DH3						
Middle	1.683ms	400 hop/s		0.269s	0.4s				
	2DH1								
Middle	0.421ms	800 h	nop/s	0.135s	0.4s				

Actual = Reading \times (Hopping rate / Number of channels) \times Test period, Test period = 0.4 [seconds / channel] \times 79 [channel] = 31.6 [seconds] NOTE: The EUT makes worst case 1600 hops per second or 1 time slot has a length of 625 μ s with 79 channels.

A DH5 Packet needs 5 time slot for transmitting and 1 time slot for receiving. Then the EUT makes worst case 266.667 hops per second with 79 channels.

A DH3 Packet needs 3 time slot for transmitting and 1 time slot for receiving. Then the EUT makes worst case 400 hops per second with 79 channels.

A DH1 Packet needs 1 time slot for transmitting and 1 time slot for receiving. Then the EUT makes worst case 800 hops per second with 79 channels.

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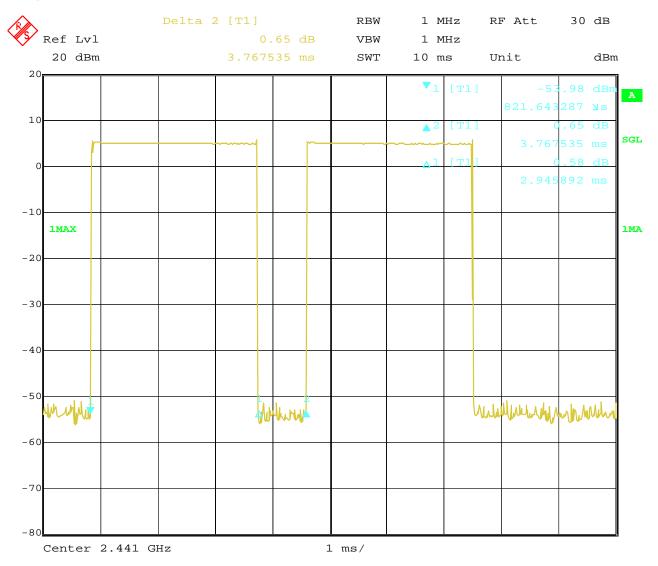
Report No.: TW2106177-01E

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Test Plots:

2DH5



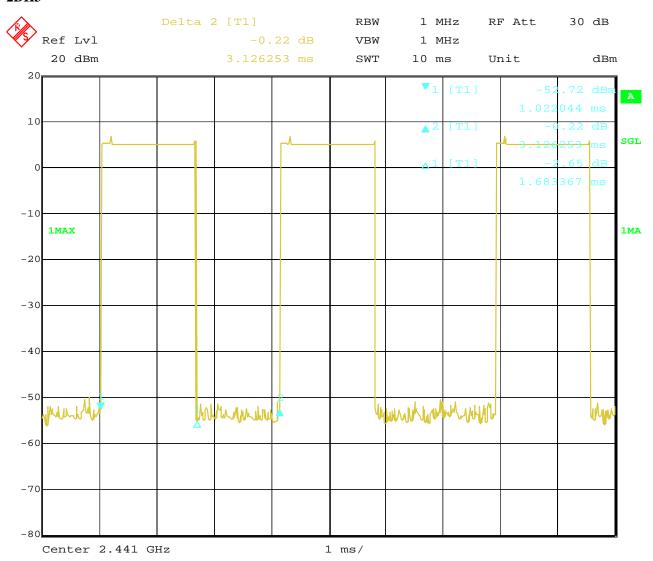
30.JUL.2021 10:52:52 Date:

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2DH3

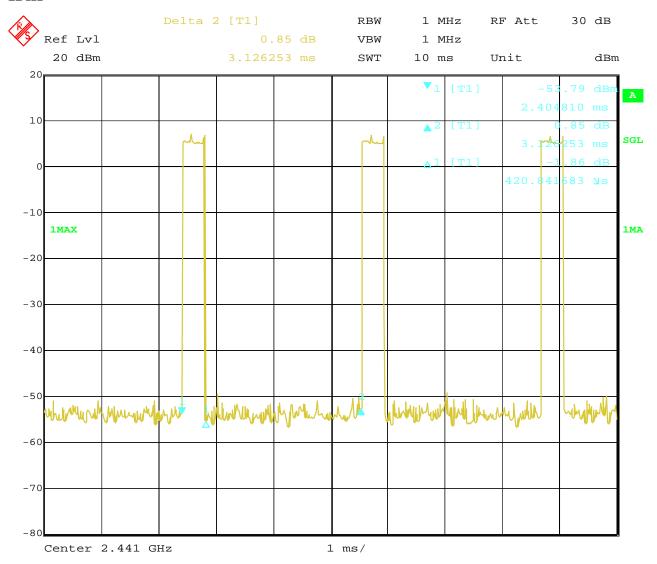


Date: 30.JUL.2021 10:52:20 Report No.: TW2106177-01E Page 57 of 92

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2DH1



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Type of Modulation: 8DPSK

EUT	VR I	VR Headset		CV	/R-255-64				
Mode	Keep Tra	ansmitting	Input Voltage]	DC3.8V				
Temperatur	re 24 d	24 deg. C,		4	56% RH				
Channel	Reading	Hoping	g Rate	Actual	Limit				
	3DH5								
Middle	2.946ms	266.66	7 hop/s	0.314s	0.4s				
			3DH3						
Middle	1.683ms	400 h	nop/s	0.269s	0.4s				
	3DH1								
Middle	0.441ms	800 1	nop/s	0.141s	0.4s				

Actual = Reading \times (Hopping rate / Number of channels) \times Test period, Test period = 0.4 [seconds / channel] \times 79 [channel] = 31.6 [seconds] NOTE: The EUT makes worst case 1600 hops per second or 1 time slot has a length of 625 μ s with 79 channels.

A DH5 Packet needs 5 time slot for transmitting and 1 time slot for receiving. Then the EUT makes worst case 266.667 hops per second with 79 channels.

A DH3 Packet needs 3 time slot for transmitting and 1 time slot for receiving. Then the EUT makes worst case 400 hops per second with 79 channels.

A DH1 Packet needs 1 time slot for transmitting and 1 time slot for receiving. Then the EUT makes worst case 800 hops per second with 79 channels.

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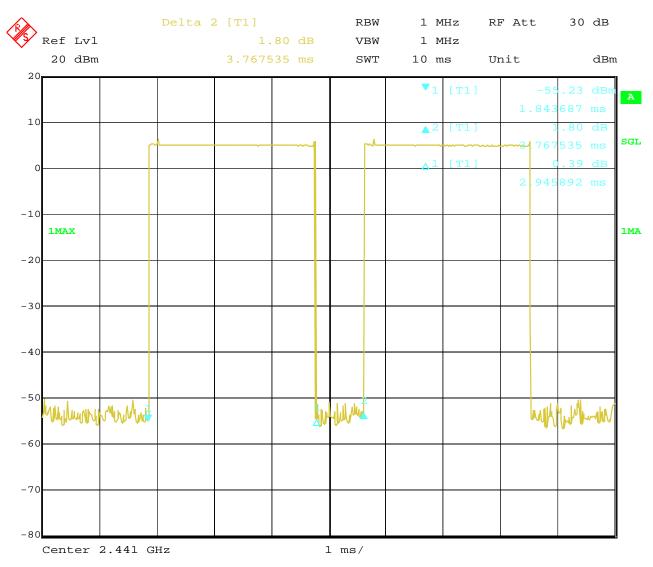
Report No.: TW2106177-01E

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Test Plots:

3DH5

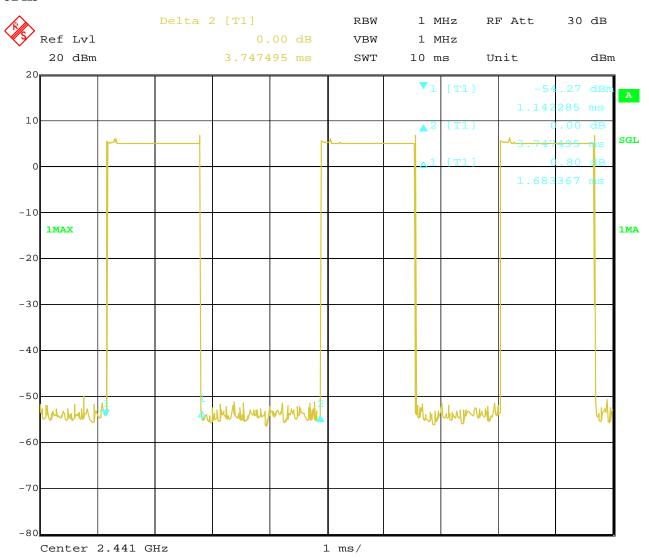


30.JUL.2021 Date: 10:54:55 Report No.: TW2106177-01E Page 60 of 92

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3DH3

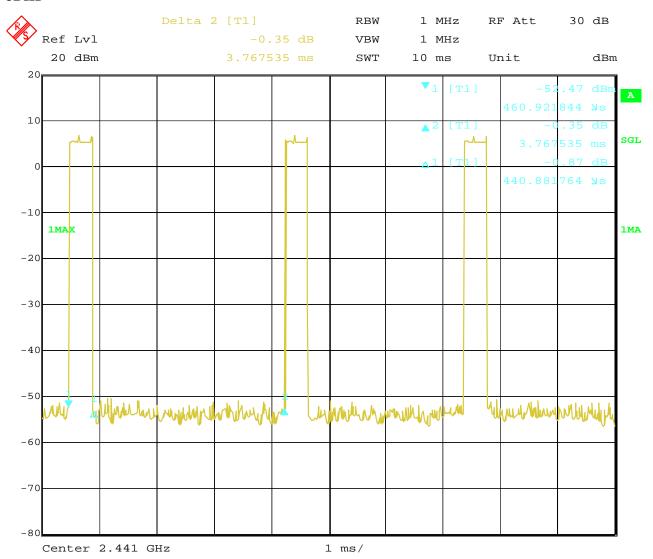


Date: 30.JUL.2021 10:54:13 Report No.: TW2106177-01E Page 61 of 92

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3DH1



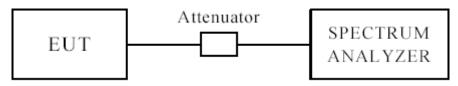
Date: 30.JUL.2021 10:53:30 Report No.: TW2106177-01E Page 62 of 92

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12 Out of Band Measurement

12.1 Test Setup



The restricted band requirement based on radiated emission test; please see the clause 6 for the test setup

12.2 Limits of Out of Band Emissions Measurement

- 1. Below –20dB of the highest emission level of operating band (in 100kHz Resolution Bandwidth).
- 2. Fall in the restricted bands listed in section 15.205. The maximum permitted average field strength is listed in section 15.209.

12.3 Test Procedure

For signals in the restricted bands above and below the 2.4-2.483GHz allocated band a measurement was made of radiated emission test. Peak values with RBW=VBW=1MHz and PK detector.

For bandage test, the spectrum set as follows: RBW=100kHz, VBW=300 kHz. A conducted measurement used

Note: 1. For band-edge measurement, the frequency from 30MHz-25GHz was tested. And It met the FCC rule.

2. This is a handhold device. The radiated emissions should be tested under 3-axes position (Lying, Side, and Stand), After pre-test. It was found that the worse radiated emission was get at the lying position.

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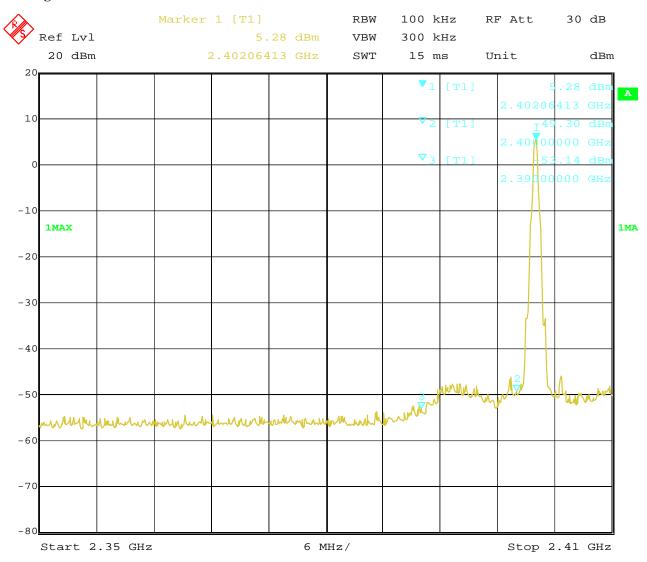


Type of Modulation: GFSK

Band Edge Test Result 12.4

Product:	VR Headset	Test Mode:	CVR-255-64
Mode	Keeping Transmitting	Input Voltage	DC3.8V
Temperature	24 deg. C	Humidity	56% RH
Test Result:	Pass	Detector	PK

Test Figure:



30.JUL.2021 Date: 10:11:50

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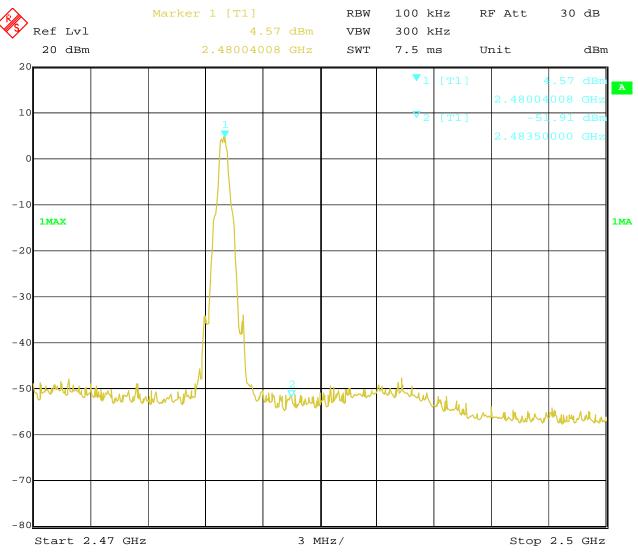


Type of Modulation: GFSK

12.4 Band Edge Test Result

Product:	VR Headset Test Mode:		CVR-255-64
Mode	Keeping Transmitting	Input Voltage	DC3.8V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK

Test Figure:



30.JUL.2021 Date: 10:23:08

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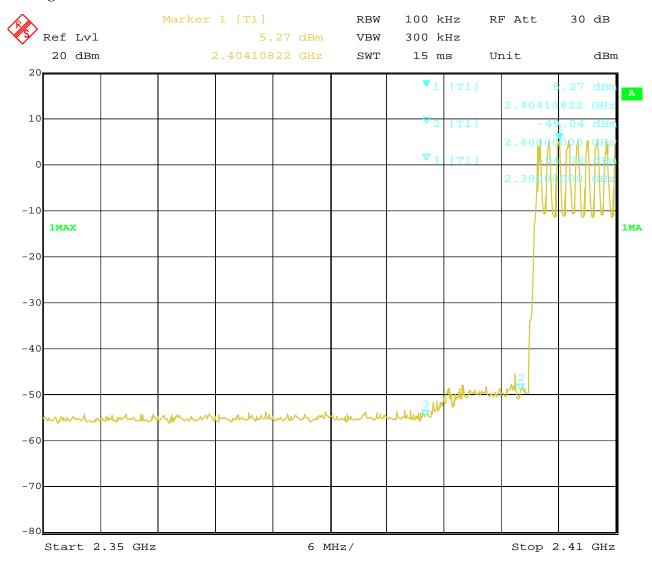


Type of Modulation: GFSK

Band Edge Test Result

Product:	VR Headset	Test Mode:	CVR-255-64
Mode	ode Hopping On Input Vol		DC3.8V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK

Test Figure:



30.JUL.2021 Date: 09:57:29

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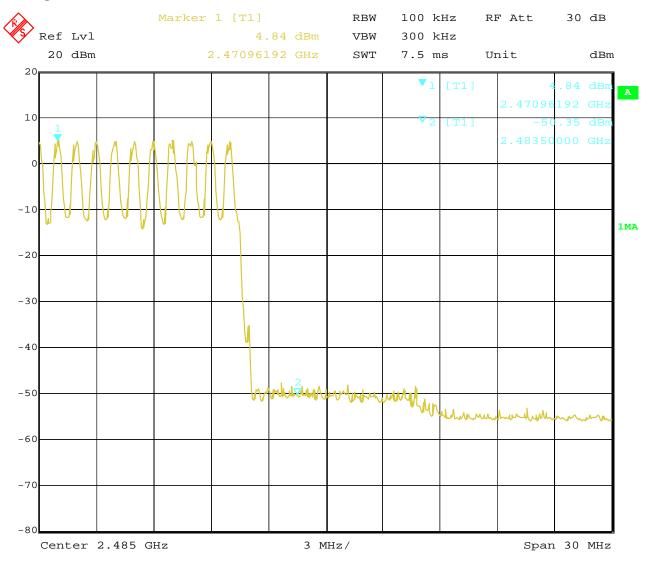


Type of Modulation: GFSK

12.4 Band Edge Test Result

Product:	VR Headset	Test Mode:	CVR-255-64
Mode	Hopping On	Input Voltage	DC3.8V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK

Test Figure:



Date: 30.JUL.2021 09:26:26

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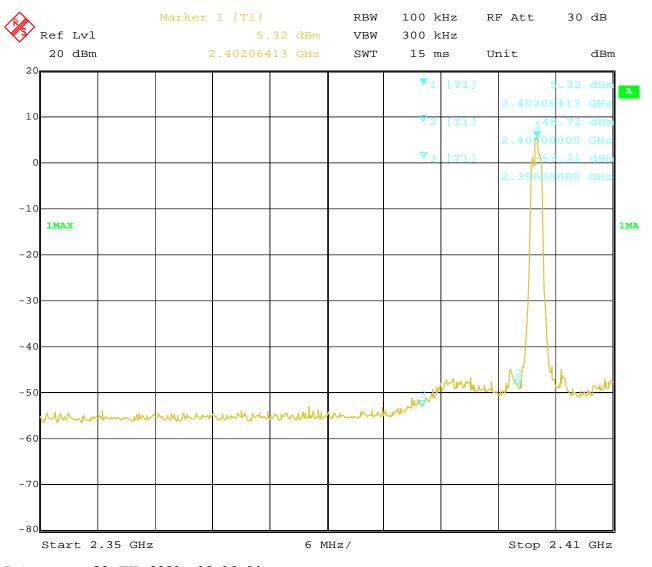


Type of Modulation: $\sqrt{1/4}$ DQPSK

12.4 Out of Band Test Result

Product:	VR Headset	Test Mode:	CVR-255-64
Mode	Keeping Transmitting	Input Voltage	DC3.8V
Temperature	24 deg. C	Humidity	56% RH
Test Result:	Pass	Detector	PK

Test Figure:



Date: 30.JUL.2021 10:16:04

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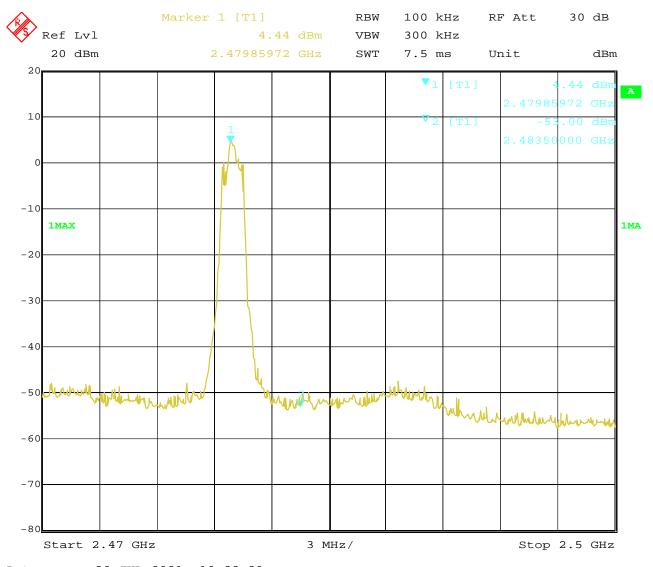


Type of Modulation: $\sqrt{1/4}$ DQPSK

12.4 Band Edge Test Result

Product:	VR Headset	Test Mode:	CVR-255-64
Mode	Keeping Transmitting Input Voltage		DC3.8V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK

Test Figure:



Date: 30.JUL.2021 10:22:29

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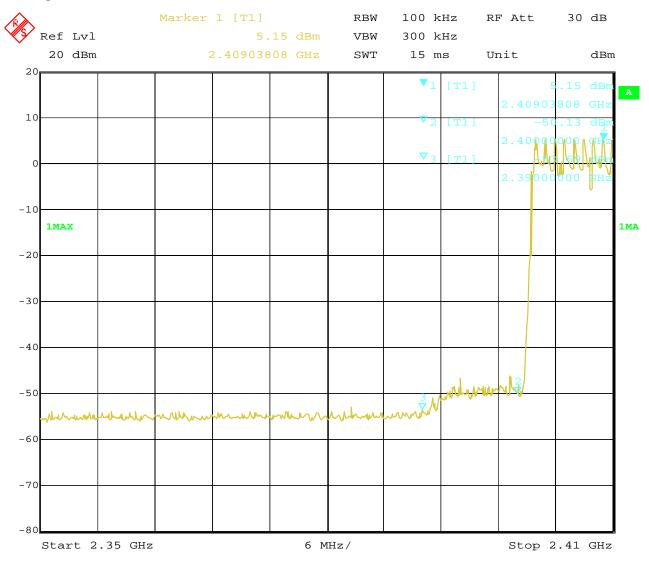


Type of Modulation: JI/4DQPSK

12.4 Out of Band Test Result

Product:	VR Headset	Test Mode:	CVR-255-64
Mode	Hopping On	Input Voltage	DC3.8V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK

Test Figure:



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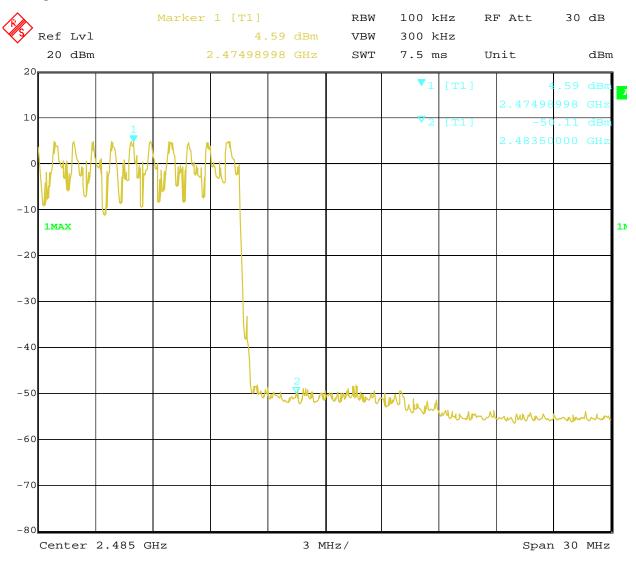


Type of Modulation: $\sqrt{1/4}$ DQPSK

12.4 Out of Band Test Result

Product:	VR Headset	Test Mode:	CVR-255-64
Mode	Hopping On	Input Voltage	DC3.8V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK

Test Figure:



Date: 30.JUL.2021 09:33:13

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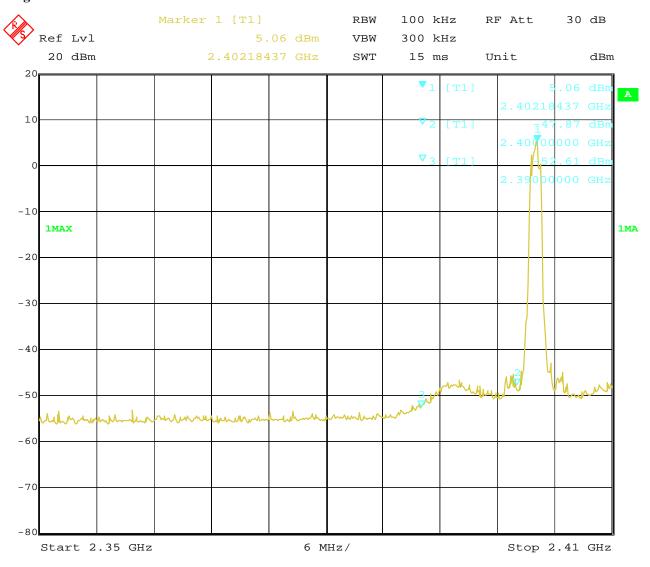


Type of Modulation: 8DPSK

12.4 Band Edge Test Result

Product:	VR Headset	Test Mode:	CVR-255-64
Mode	Keeping Transmitting	Input Voltage	DC3.8V
Temperature	24 deg. C	Humidity	56% RH
Test Result:	Pass	Detector	PK

Test Figure:



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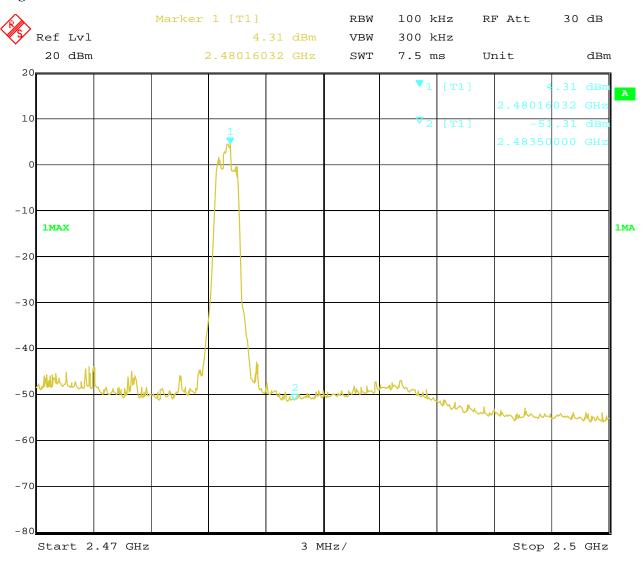


Type of Modulation: 8DPSK

12.4 Band Edge Test Result

Product:	VR Headset		Test Mode:	CVR-255-64
Mode	Keeping Transmitting		Input Voltage	DC3.8V
Temperature	24 deg. C,		Humidity	56% RH
Test Result:	Pass		Detector	PK
The Max. FS in	PK (dBμV/m)			74(dBµV/m)
Restrict Band	$AV(dB\mu V/m)$		Limit	54(dBµV/m)
2483.5MHz				

Test Figure:



Date: 30.JUL.2021 10:21:04

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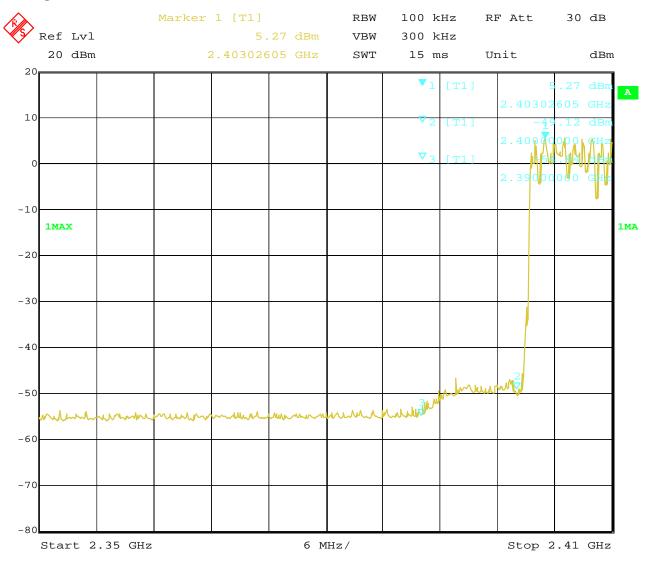


Type of Modulation: 8DPSK

12.4 Band Edge Test Result

Product:	VR Headset	Test Mode:	CVR-255-64
Mode	Hopping On	Input Voltage	DC3.8V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK

Test Figure:



Date: 30.JUL.2021 09:50:38

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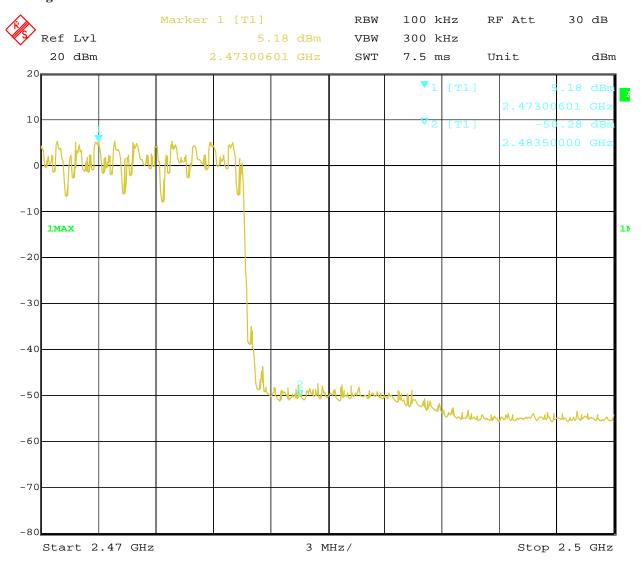


Type of Modulation: 8DPSK

12.4 Band Edge Test Result

Product:	VR Headset	Test Mode:	CVR-255-64
Mode	Hopping On	Input Voltage	DC3.8V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK

Test Figure:



Date: 29.JUL.2021 22:22:49

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12.4 Restrict Band Measurement

	EUT	VR	Headset		Model			CV.	R-255-64	
	Mode	Keep T	ransmittin	g	Input Voltag	ge		D	C3.8V	
Те	mperature	24	deg. C,		Humidity	-		50	6% RH	
Те	est Result:		Pass	N	Modulation T	ype		8	DPSK	
C Part 1	15C Class B 1GHz-18GHz	-2		•						
	10-								Ch.	
8	10-								/ \	
7	70-									
6	60-							M2		
									W	1. 1
5	60-					M3	A PHANES	hay hely d		
. 5	10-			A Company of the Land of the L	Harry Market Harry Harry	МЗ	A PARTIE AND A PAR		V	
4	0-	الارادة الأوساران فيوم الأطريبية الانتجارية والإداري		المناف المنافعة المنا	the part of the state of the st	МЗ	A PARTIE AND A PAR			
. 4		ri ikidhidisa di Muddaddaka keriya.		And the second of the second	Handay find the ball the land	M3	Hall bridge of the state of the		\ 	
3		w.Repthylicians of Many delications and the second		to libraria propinsi dalah da	Heater Hard Hard Hard Hard Hard Hard Hard Har	M3			V	WALL-PAN-BAN-
3 2	.0-	o de de la companya d	affication and a labor	to the second of	And the second s	M3			V	MANAPANA
. 4 3 2	10-	or Depth Associated by the similar parties, a	affication in the late of the		Frequency (MHz)	M3			\ 	2410
3	.0-	Results	Factor			Detector	Table	Height	ANT	2410 Verdict
4 3 2 1	0-				Frequency (MHz)				ANT	

Note: The measured PK value less than the AV limit, no necessary to take down the AV measurement result.

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12.4 Restrict Band Measurement

	EUT	\	/R Headset		Mode	el		CVR-	255-64	
	Mode	Kee	p Transmitt	ing	Input Vol	ltage		DC:	3.8V	
Т	emperature		24 deg. C,		Humid	ity		56%	6 RH	
T	est Result:		Pass		Modulation	n Type		8D	PSK	
C Part	15C Class B 1GHz-18GHz +2-	-2								
	90-							M1		
	80-								\	
	70-									
								N		
	60-								10	
	50-					M3	all har reado	M2		
	50-			harter tendence				M2 •	A Marie Control	
	50-	iteriological interestivation	s describe where the	dan kandalan da	naikikabababan pinda		gill hople, liberation to be the control	A2	Jayya	madagilipa k
	50- 40-	Marita de esta de la constitución de la constitució	ta describe and describe		ng ikal adda da iddi safa bila			M2	laype	
	50- 40- 30- 20-	likertahun das jakeni kidelehin relasihki			ngia ki plansa ki ki na pia ki ili			M2	Any parties	Mary Mary
	30- 20-	lderdahan dasiplasi kadi kharatirahli	and a supply with a supply wit		nga kalandah ngangkun			M2	anger 1	Market V
	50- 40- 30- 20-	identahan dasiphanikah kannisinah k			equency (MHz)			M2	The state of the s	2410
(30- 20-	Results	Factor				Table	Height	ANT	2410
	30- 20- 20- 2350			Fr	equency (MHz)	deration of the state of the st	Table (o)	Height (cm)	-197	Paris Control

Note: The measured PK value less than the AV limit, no necessary to take down the AV measurement result.

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12.4 Restrict Band Measurement

	EUT	VR	Headset		Model			CV	/R-255-64	
	Mode	Keep	Γransmittir	ng	Input Volt	tage		I	DC3.8V	
Te	mperature	24	deg. C,		Humidit	ty		5	56% RH	
Te	est Result:		Pass		Modulation	Туре		;	8DPSK	
Part 1	5C Class B 1GHz-18GHz	-2					•			
91	0-			N. A.						
70	0-									
_	n-	J	f							
60	·			M2	<u> </u>					
51		halumpany		M2	No. of the second second		hard the same of the	hid gold and an annual section	nto displayed and price and price positive each disp	allysing sitter.
50	0-	Andrew framework		M2			a hada da ayaydd	hidadhan unasa iliy		All prints place a
50 40 30 20 10	0-	Andrew Alaka programme		M2					ati dina daga daga daga daga daga daga daga da	2500
50 40 30 20 10 0.0		Results	Factor	2483.	.5	Detector	Table	Height	ANT	2500
50 40 30 20 10	0-	Results (dBuV/m)	Factor (dB)	T	.5 Frequency (MHz)					
5(4) 44 3(2) 1(1) 0.1	Frequency			Limit	.5 Frequency (MHz)		Table	Height		2500

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12.4 Restrict Band Measurement

	EUT	VR	Headset			Model			CVR-2	255-64	
	Mode	Кеер Т	ransmitting	g	I	nput Voltage	e		DC3	.8V	
Te	mperature	24	deg. C,			Humidity			56%	RH	
Te	est Result:		Pass		Mo	odulation Ty	pe		8DF	PSK	
C Part 1 1.0E+ 9 8	0-	2	m	7			- 1				
6 5 (iii) Annao 4 4 3 3 3 3 3 3	0- 0- 14-14-14-14-14-14-14-14-14-14-14-14-14-1	Alfanisaria antikani kalendari	<i>N</i>	,	M	Mary Mary Market	t Maring Palasilla	or and the state of the state o	itroduktion obs	dan adagus din didah	10 les har
34 24		Alleri serbi en sistema del este a del	<i>N</i>		2483.5 Freq	quency (MHz)		March Andrews Liver	ihemblebblikken, obe	dan mada kun bahan	2500
(W/Ango) (e/Ango) (e/		Results (dBuV/m)	Factor (dB)	Limit (dBuV/r	Freq	over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	
3 2 1 0.	o- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0-			Limit	Freq	Over Limit		Table	Height		2500

Note: 1. For Restricted band test, only the worst case was reported and GFSK was the worst case

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13.0 Antenna Requirement

13.1 Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, 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.

And according to FCC 47 CFR Section 15.247 (b), if transmitter antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the mount in dB that the directional gain of the antenna exceeds 6 dBi.

13.2 Antenna Connected constructions

FPC antenna used. The gain of the antennas is 2.5dBi (Get from the antenna specification provided the manufacturer)

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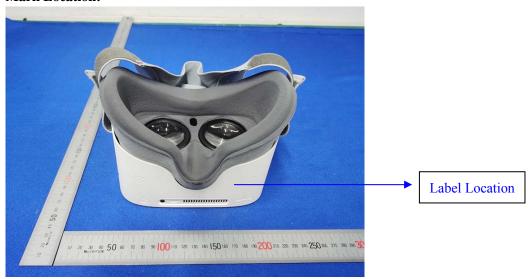
14.0 FCC ID Label

FCC ID: RBD-CVR-255-64

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The label must not be a stick-on paper label. The label on these products must be permanently affixed to the product and readily visible at the time of purchase and must last the expected lifetime of the equipment not be readily detachable.

Mark Location:



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15.0 Photo of testing

Conducted Emission Test Setup:



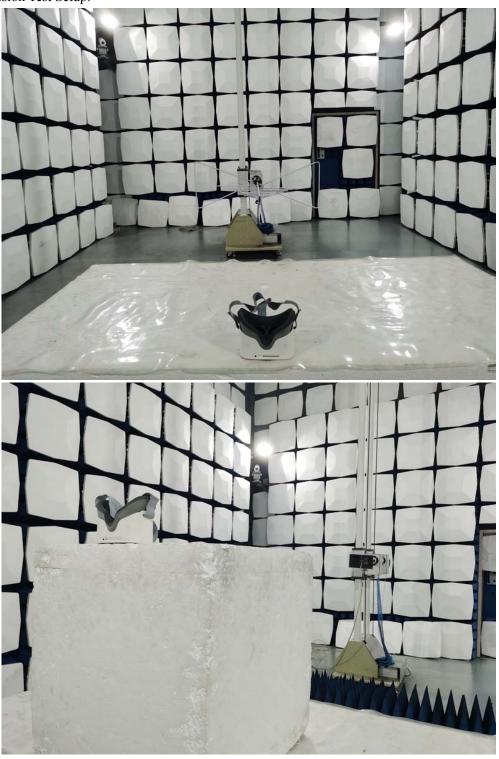
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Radiated Emission Test Setup:



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Photographs - EUT



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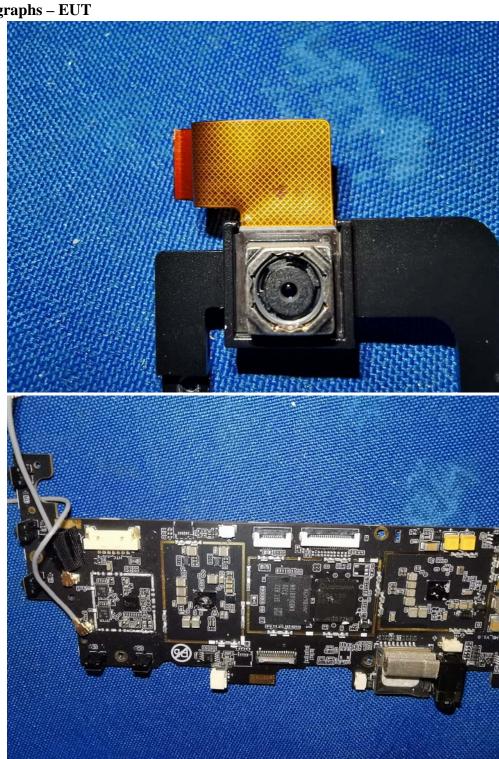
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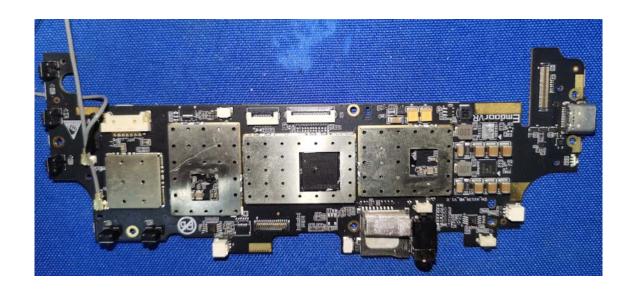
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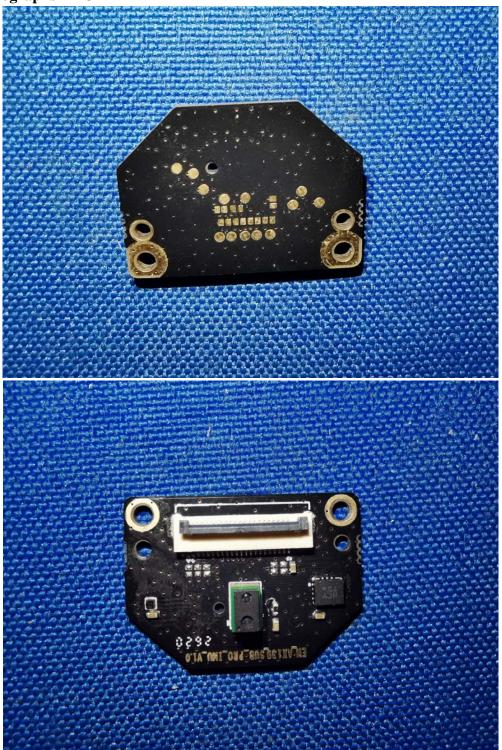
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