



Prüfbericht-Nr.: <i>Test report no.:</i>	CN23RJTZ (FCC-Colocated) 001	Auftrags-Nr.: <i>Order no.:</i>	48224548	Seite 1 von 17 Page 1 of 17
Kunden-Referenz-Nr.: <i>Client reference no.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	2023-10-12	
Auftraggeber: <i>Client:</i>	medDV GmbH Rudolf-Diesel-Straße 10-12, 35463 Fernwald, Germany			
Prüfgegenstand: <i>Test item:</i>	Mobile Medical Assistant			
Bezeichnung / Typ-Nr.: <i>Identification / Type no.:</i>	NIDApad			
Auftrags-Inhalt: <i>Order content:</i>	Spot Checking Emissions (FCC)			
Prüfgrundlage: <i>Test specification:</i>	FCC 47CFR Part 15: Subpart C Section 15.247 FCC 47CFR Part 15: Subpart E Section 15.407			
Wareneingangsdatum: <i>Date of sample receipt:</i>	2023-10-04			
Prüfmuster-Nr.: <i>Test sample no.:</i>	A003574313-017			
Prüfzeitraum: <i>Testing period:</i>	2023-11-10			
Ort der Prüfung: <i>Place of testing:</i>	EMC/RF Taipei Testing Site			
Prüflaboratorium: <i>Testing laboratory:</i>	Taipei Testing Laboratories			
Prüfergebnis*: <i>Test result*:</i>	Pass			
überprüft von: <i>compiled by:</i>			genehmigt von: <i>authorized by:</i>	
Datum: <i>Date:</i>	2023-11-23		Ausstellungsdatum: <i>Issue date:</i>	2023-11-23
Stellung / Position:	David Huang Project Manager		Stellung / Position:	Brenda Chen Senior Project Manager
Sonstiges / Other:				
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>				
Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>				
* Legende:	1 = sehr gut P(ass) = entspricht o.g. Prüfgrundlage(n)	2 = gut F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	3 = befriedigend F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	4 = ausreichend N/A = nicht anwendbar
* Legend:	1 = very good P(ass) = passed a.m. test specification(s)	2 = good F(ail) = failed a.m. test specification(s)	3 = satisfactory F(ail) = failed a.m. test specification(s)	4 = sufficient N/A = not applicable
5 = mangelhaft N/T = nicht getestet				
5 = poor N/T = not tested				
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

TEST SUMMARY

Report Section	FCC Clause	Test Item	Result
5.1.1	15.247(d) & 15.407(b) & 15.205 & 15.209	Radiated Spurious Emissions and Band Edges	Pass

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

Contents

HISTORY OF THIS TEST REPORT	4
1. GENERAL REMARKS	5
1.1 COMPLEMENTARY MATERIALS.....	5
1.2 DECISION RULE OF CONFORMITY	5
2. TEST SITES	6
2.1 TEST LABORATORY	6
2.2 TEST FACILITY.....	6
2.3 TRACEABILITY	7
2.4 CALIBRATION	7
2.5 MEASUREMENT UNCERTAINTY	7
3. GENERAL PRODUCT INFORMATION.....	8
3.1 PRODUCT FUNCTION AND INTENDED USE	8
3.2 SYSTEM DETAILS AND RATINGS.....	8
3.3 NOISE GENERATING AND NOISE SUPPRESSING PARTS	9
3.4 SUBMITTED DOCUMENTS.....	9
4. TEST SET-UP AND OPERATION MODES.....	10
4.1 PRINCIPLE OF CONFIGURATION SELECTION	10
4.2 TEST OPERATION AND TEST SOFTWARE.....	11
4.3 SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT	12
4.4 TEST SETUP DIAGRAM	12
5. TEST RESULTS	13
5.1 TRANSMITTER REQUIREMENT & TEST SUITES	13
5.1.1 Radiated Spurious Emissions	13

APPENDIX A - TEST RESULT OF RADIATED EMISSIONS

APPENDIX SP - PHOTOGRAPHS OF TEST SETUP

APPENDIX EP - PHOTOGRAPHS OF EUT

Prüfbericht - Nr.: CN23RJTZ (FCC-Colocated) 001
*Test Report No.***Seite 4 von 17**
*Page 4 of 17***HISTORY OF THIS TEST REPORT**

Revision	Description	Date Issued
R01	Original Release	2023-11-23

1. General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix A - Test Result of Radiated Emissions

Appendix SP - Photographs of Test Setup

Appendix EP - Photographs of EUT

Applied Standard and Test Levels

Radio
FCC CFR47 Part 15: Subpart C Section 15.247
FCC CFR47 Part 15: Subpart E Section 15.407
FCC CFR47 Part 2: Subpart J Section 2.1091
ANSI C63.10:2013
KDB 558074 D01 15.247 Meas Guidance v05r02
KDB 996369 D04 Module Integration Guide v01

1.2 Decision Rule of Conformity

The decision rule of conformity of this test report is following the requirements of the requested standard in the quotation, and agreed among testing laboratory and manufacturer (applicant) to exclude the consideration of Measurement Uncertainty, unless it is required by the specific standard.

2. Test Sites

2.1 Test Laboratory

Taipei Testing Laboratories

11F. No.758, Sec. 4, Bade Rd., Songshan Dist.
Taipei City 105
Taiwan (R.O.C.)

2.2 Test Facility

Taipei Testing Laboratories

No.458-18, Sec. 2, Fenliao Rd., Linkou Dist.,
New Taipei City 244
Taiwan (R.O.C.)
FCC Registration No.: 180491
ISED Registration No.: 25563

2.3 Traceability

All measurement equipment calibrations are traceable to NML(Taiwan)/NIST(USA) or where calibration is performed outside Taiwan, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically in a suitably accredited Calibration Lab. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

All measurement uncertainty values are shown with a coverage factor of $k=2$ to indicate a 95% level of confidence.

Emission Measurement Uncertainty

Parameter	Uncertainty
Radiated Emission (9 kHz ~ 30 MHz)	± 1.15 dB
Radiated Emission (30 MHz ~ 200 MHz)	± 1.30 dB
Radiated Emission (200 MHz ~ 1 GHz)	± 1.30 dB
Radiated Emission (1 GHz ~ 18 GHz)	± 1.54 dB
Radiated Emission (18 GHz ~ 40 GHz)	± 2.52 dB
Mains Conducted Emission	± 1.65 dB

3. General Product Information

3.1 Product Function and Intended Use

The EUT is a Mobile Medical Assistant. It contains WLAN and Bluetooth compatible module enabling the user to communicate data through a Wireless interface.

For details refer to the User Guide, Data Sheet and Circuit Diagram.

3.2 System Details and Ratings

Basic Information of EUT

Item	EUT information
Kind of Equipment/Test Item	Mobile Medical Assistant
Type Identification	NIDApad
FCC ID	2AWKZ-QCNFA765

Technical Specification of EUT

Item	EUT information
Operating Frequency	WiFi 2.4G: 2412 MHz ~ 2462 MHz WiFi 5G/6G: Band 1: 5180 MHz ~ 5240 MHz Band 2: 5260 MHz ~ 5320 MHz Band 3: 5500 MHz ~ 5720 MHz Band 4: 5745 MHz ~ 5825 MHz Band 5: 5955 MHz ~ 6415 MHz Band 6: 6435 MHz ~ 6525 MHz Band 7: 6525 MHz ~ 6875 MHz Band 8: 6875 MHz ~ 7115 MHz Bluetooth: 2402 MHz ~ 2480 MHz
Operation Voltage	7.2 Vdc (Battery) 12 Vdc (Adapter)
Modulation	WiFi: DSSS (DBPSK, DQPSK, CCK) OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM) OFDMA (1024QAM) Bluetooth: GFSK, $\pi/4$ -DQPSK, 8DPSK Bluetooth LE: GFSK
RF Module	QCNFA765
Antenna Information	WiFi 2.4G: Ant 1: 2.46 dBi (Aux.) / Ant 2: 2.7 dBi (Main) WLAN 5G/6G: Ant 1: 2.6 dBi (Aux.) / Ant 2: 2.09 dBi (Main) Bluetooth: 2.46 dBi

3.3 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.4 Submitted Documents

- Circuit Diagram
- Instruction Manual
- Rating Label
- Technical Description

4. Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

The test modes were adapted accordingly in reference to the instructions for use.

During testing, Channel and Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output expected by the customer and is going to be fixed on the firmware of the final end product.

4.2 Test Operation and Test Software

Setup for testing: Test samples are provided with an USB interface which makes it possible to control them through a test software installed on a notebook computer.

This software was running on the laptop computer connected to the EUT. It was used to enable the operation modes listed as below.

Test Software	QRCT
---------------	------

The samples were used as follows:

A003574313-017

Full test was applied on all test modes, but only worst case was shown.

EUT Configure Mode	Applicable To		Description
	Radiated Spurious Emissions above 1 GHz	Radiated Spurious Emissions below 1 GHz	
-	√	√	-

Note:

1. The EUT had been pre-tested on the positioned of each 3 axis. The worst case was found when position on **Y-plane**.
2. "-" means no effect.

Radiated Spurious Emissions (Above 1 GHz)

- ☒ Pre-Scan full test was applied on all test modes, but only worst case was shown.
- ☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Description
-	Bluetooth LE 1Mbps_2402MHz + WiFi 2.4G 802.11ax HE40_2447MHz
-	Bluetooth LE 1Mbps_2402MHz + WiFi 5G 802.11ax HE40_5190MHz
-	Bluetooth LE 1Mbps_2402MHz + WiFi 6G 802.11ax HE20_7115MHz
-	Bluetooth 8DPSK_2480MHz + WiFi 2.4G 802.11ax HE40_2447MHz
-	Bluetooth 8DPSK_2480MHz + WiFi 5G 802.11ax HE40_5190MHz
-	Bluetooth 8DPSK_2480MHz + WiFi 6G 802.11ax HE20_7115MHz

Radiated Spurious Emissions (Below 1 GHz)

- ☒ Pre-Scan full test was applied on all test modes, but only worst case was shown.
- ☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Description
-	Bluetooth 8DPSK_2480MHz + WiFi 2.4G 802.11ax HE40_2447MHz

Test Condition

Test Item	Ambient Temperature	Relative Humidity	Tested by
Radiated Spurious Emissions	22.6-24.5 °C	52-54 %	Ray Huang

4.3 Special Accessories and Auxiliary Equipment

The product has been tested together with the following additional accessories:

Accessory of EUT

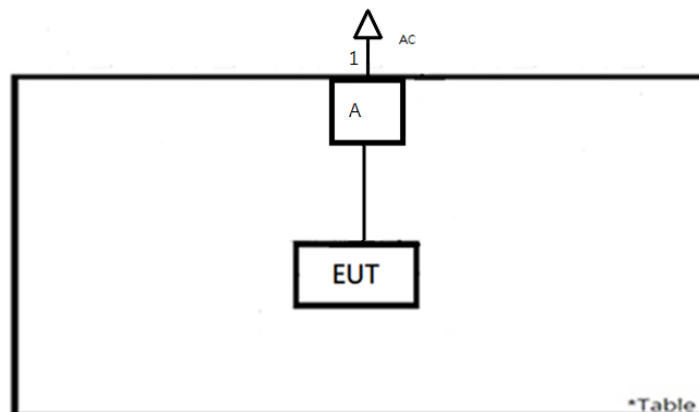
No.	Product	Brand	Model	Description
B	Adapter	FSP	FSP096-AHAN3	I/P: 100-240 Vac, 1.8 A O/P: 12 Vdc, 8 A
-	Battery	medDV	OPM-P05T-C1	7.2 Vdc, 4545 mAh

Support Unit

Support Unit								
No	Description	Brand	Model	S/N	Shielded	Ferrite Core (Qty)	Length (cm)	Remark
1	Power cord	Onyx Healthcare	N/A	N/A	NO	NO	180	--

4.4 Test Setup Diagram

<Radiated Spurious Emissions mode>



5. Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Radiated Spurious Emissions

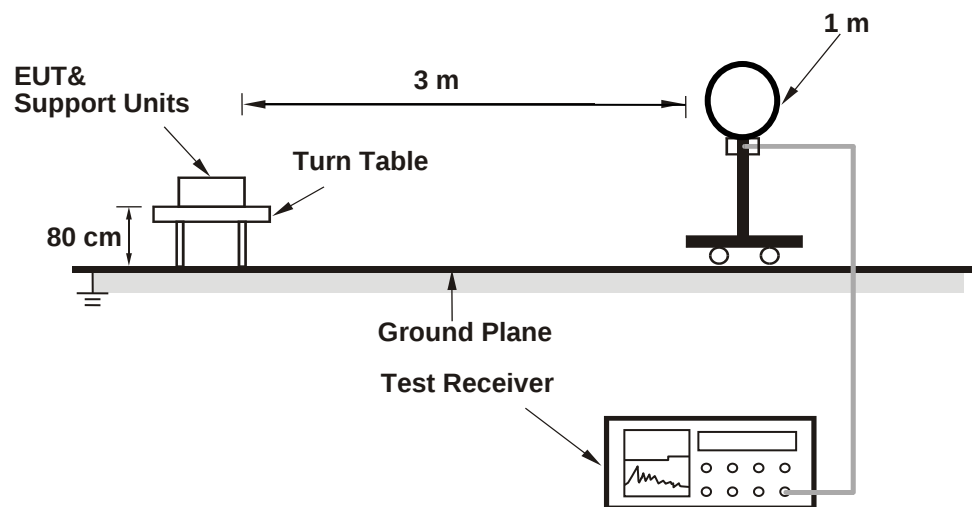
Limit

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

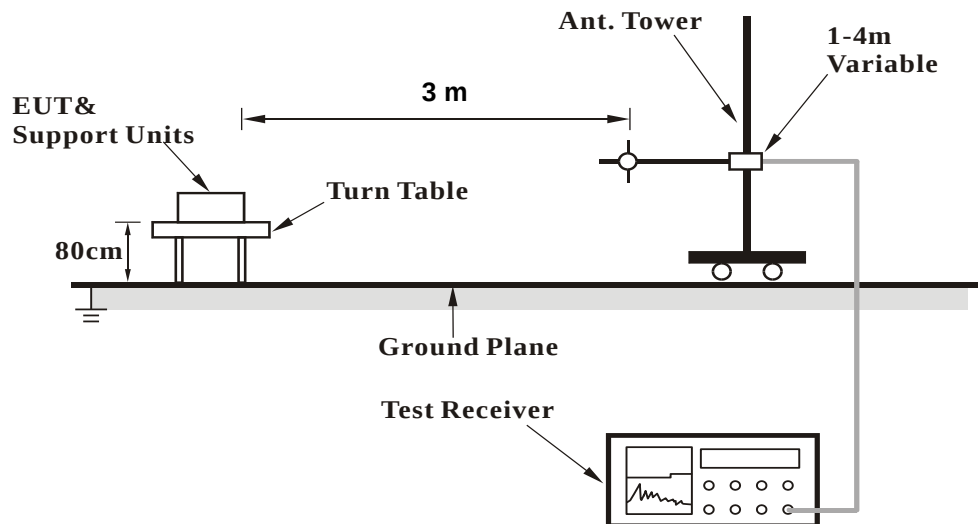
Kind of Test Site 3m Semi-Anechoic Chamber

Test Setup

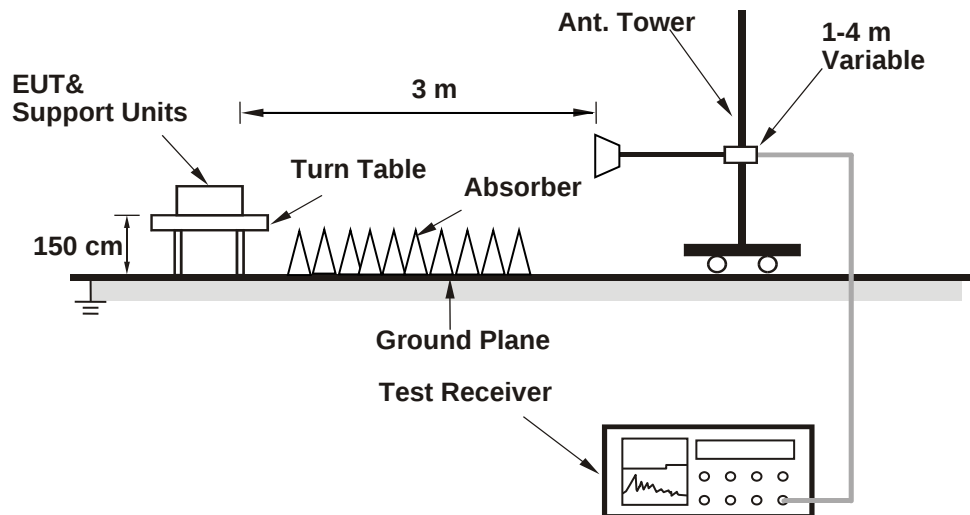
<Radiated Emissions below 30 MHz>



<Radiated Emissions 30 MHz to 1 GHz>



<Radiated Emissions above 1 GHz>



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

Test Instruments

Kind of Equipment	Manufacturer	Type	S/N	Calibration Date	Calibration Due Date
Above 1 GHz					
Signal Analyzer	R&S	FSV40	101509	2023/4/26	2024/4/24
Horn Antenna	ETS-Lindgren	3117	00218929	2022/11/17	2023/11/16
Horn Antenna	SCHWARZBECK	BBHA 9170	00890	2023/5/4	2024/5/2
HF-AMP + AC source	EMCI	EMC051845SE	980635	2023/2/16	2024/2/15
HF-AMP + AC source	EMCI	EMC051845SE	980656	2023/1/16	2024/1/15
Test Software	Audix E3	15914a_20191106 tuv	PK-001087	N/A	N/A
30 MHz ~ 1 GHz					
Receiver	R&S	ESR7	102109	2023/2/24	2024/2/23
Bilog Antenna	SCHWARZBECK	VULB-9168	00951	2023/3/31	2024/3/29
LF-AMP	Agilent	8447D	2944A107722	2023/3/22	2024/3/20
Test Software	Audix E3	15914a_20191106 tuv	PK-001087	N/A	N/A
Below 30 MHz					
Receiver	R&S	ESR7	102109	2023/2/24	2024/2/23
Loop Antenna	SCHWARZBECK	FMZB 1519B	00215	2023/1/4	2024/1/3
Test Software	Audix E3	15914a_20191106 tuv	PK-001087	N/A	N/A

Test Procedures**For Radiated Emissions below 30 MHz**

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

Note: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9 kHz at frequency below 30 MHz.

For Radiated Emissions above 30 MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters (for 30 MHz ~ 1 GHz) / 1.5 meters (for above 1 GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- f. The test-receiver system was set to peak and average detected function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) or Peak detection (PK) at frequency below 1 GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1 GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is $\geq 1/T$ (Duty cycle $< 98\%$) or 10 Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1 GHz.
4. All modes of operation were investigated and the worst-case emissions are reported.
5. The Radiated Emissions testing was performed in the X(E1), Y(H) and Z(E2) axis orientation. The worst-case Axis orientation is recorded in this test report.
6. The emission levels of other frequencies (including the 10th harmonic of the highest fundamental frequency) are very lower than the limit and are not shown in the test report.

Test Results

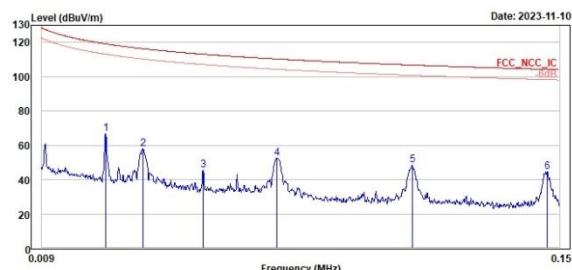
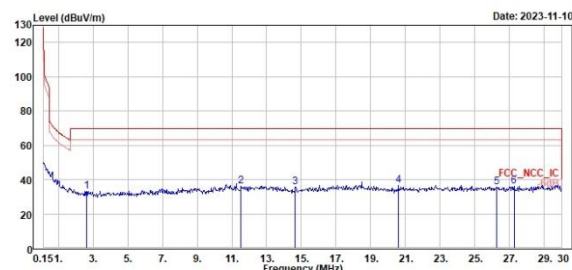
Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)

Level (dBuV/m) = Reading (dBuV) + Factor (dB/m)

Please refer to Appendix A.

Appendix A: Test Results of Radiated Emissions Test

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

Bluetooth 8DPSK_2480MHz + WiFi 2.4G 802.11ax HE40_2447MHz																																																																																																																																																																																																																	
9kHz~150kHz (Open)						150kHz~30MHz (Open)																																																																																																																																																																																																											
 TUV Rheinland Taiwan Ltd. No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.) Tel: +886-2172-1000 Fax: +886-2172-1322						 TUV Rheinland Taiwan Ltd. No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.) Tel: +886-2172-1000 Fax: +886-2172-1322																																																																																																																																																																																																											
 Date: 2023-11-10						 Date: 2023-11-10																																																																																																																																																																																																											
Site : 3m_Semi-Anechoic_Chamber(966_D) Condition : Vertical Test Engineer: RAY Product : Mobile Medical Assistant Model NO : MP3 Test Rating : AC120V/60Hz Tmp/Hum : 22.6~24.5°C/52~54% Mode : TX_3DH5_2480+TX_ax40_2447 Power Setting: 11 Plane : H <table><tr><th>Freq</th><th>Level</th><th>Read</th><th>Level</th><th>Factor</th><th>Limit</th><th>Over</th><th>APos</th><th>TPos</th><th>Remark</th><th>Pol/Phase</th><th>Note</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dBuV/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th><th></th><th></th></tr><tr><td>1</td><td>0.03</td><td>66.95</td><td>48.00</td><td>18.95</td><td>119.13</td><td>-52.18</td><td>100</td><td>195</td><td>Peak</td><td>Open</td><td></td></tr><tr><td>2</td><td>0.04</td><td>57.81</td><td>38.63</td><td>19.18</td><td>116.31</td><td>-58.50</td><td>100</td><td>194</td><td>Peak</td><td>Open</td><td></td></tr><tr><td>3</td><td>0.05</td><td>45.68</td><td>26.64</td><td>19.04</td><td>113.11</td><td>-67.43</td><td>100</td><td>193</td><td>Peak</td><td>Open</td><td></td></tr><tr><td>4</td><td>0.07</td><td>52.29</td><td>33.73</td><td>18.56</td><td>110.33</td><td>-58.04</td><td>100</td><td>199</td><td>Peak</td><td>Open</td><td></td></tr><tr><td>5</td><td>0.11</td><td>48.26</td><td>30.30</td><td>17.96</td><td>106.77</td><td>-58.51</td><td>100</td><td>194</td><td>Peak</td><td>Open</td><td></td></tr><tr><td>6</td><td>0.15</td><td>44.58</td><td>26.47</td><td>18.11</td><td>104.27</td><td>-59.69</td><td>100</td><td>194</td><td>Peak</td><td>Open</td><td></td></tr></table>												Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg					1	0.03	66.95	48.00	18.95	119.13	-52.18	100	195	Peak	Open		2	0.04	57.81	38.63	19.18	116.31	-58.50	100	194	Peak	Open		3	0.05	45.68	26.64	19.04	113.11	-67.43	100	193	Peak	Open		4	0.07	52.29	33.73	18.56	110.33	-58.04	100	199	Peak	Open		5	0.11	48.26	30.30	17.96	106.77	-58.51	100	194	Peak	Open		6	0.15	44.58	26.47	18.11	104.27	-59.69	100	194	Peak	Open		Site : 3m_Semi-Anechoic_Chamber(966_D) Condition : Vertical Test Engineer: RAY Product : Mobile Medical Assistant Model NO : MP3 Test Rating : AC120V/60Hz Tmp/Hum : 22.6~24.5°C/52~54% Mode : TX_3DH5_2480+TX_ax40_2447 Power Setting: 11 Plane : H <table><tr><th>Freq</th><th>Level</th><th>Read</th><th>Level</th><th>Factor</th><th>Limit</th><th>Over</th><th>APos</th><th>TPos</th><th>Remark</th><th>Pol/Phase</th><th>Note</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dBuV/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th><th></th><th></th></tr><tr><td>1</td><td>2.63</td><td>33.28</td><td>13.73</td><td>19.55</td><td>69.50</td><td>-36.22</td><td>100</td><td>14</td><td>Peak</td><td>Open</td><td></td></tr><tr><td>2</td><td>11.52</td><td>36.15</td><td>14.46</td><td>21.69</td><td>69.50</td><td>-33.35</td><td>100</td><td>197</td><td>Peak</td><td>Open</td><td></td></tr><tr><td>3</td><td>14.66</td><td>35.45</td><td>13.53</td><td>21.92</td><td>69.50</td><td>-34.05</td><td>100</td><td>309</td><td>Peak</td><td>Open</td><td></td></tr><tr><td>4</td><td>20.60</td><td>36.73</td><td>14.43</td><td>22.30</td><td>69.50</td><td>-32.77</td><td>100</td><td>332</td><td>Peak</td><td>Open</td><td></td></tr><tr><td>5</td><td>26.24</td><td>35.82</td><td>13.47</td><td>22.35</td><td>69.50</td><td>-33.68</td><td>100</td><td>280</td><td>Peak</td><td>Open</td><td></td></tr><tr><td>6</td><td>27.25</td><td>36.03</td><td>13.67</td><td>22.36</td><td>69.50</td><td>-33.47</td><td>100</td><td>294</td><td>Peak</td><td>Open</td><td></td></tr></table>						Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg					1	2.63	33.28	13.73	19.55	69.50	-36.22	100	14	Peak	Open		2	11.52	36.15	14.46	21.69	69.50	-33.35	100	197	Peak	Open		3	14.66	35.45	13.53	21.92	69.50	-34.05	100	309	Peak	Open		4	20.60	36.73	14.43	22.30	69.50	-32.77	100	332	Peak	Open		5	26.24	35.82	13.47	22.35	69.50	-33.68	100	280	Peak	Open		6	27.25	36.03	13.67	22.36	69.50	-33.47	100	294	Peak	Open	
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note																																																																																																																																																																																																						
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1	0.03	66.95	48.00	18.95	119.13	-52.18	100	195	Peak	Open																																																																																																																																																																																																							
2	0.04	57.81	38.63	19.18	116.31	-58.50	100	194	Peak	Open																																																																																																																																																																																																							
3	0.05	45.68	26.64	19.04	113.11	-67.43	100	193	Peak	Open																																																																																																																																																																																																							
4	0.07	52.29	33.73	18.56	110.33	-58.04	100	199	Peak	Open																																																																																																																																																																																																							
5	0.11	48.26	30.30	17.96	106.77	-58.51	100	194	Peak	Open																																																																																																																																																																																																							
6	0.15	44.58	26.47	18.11	104.27	-59.69	100	194	Peak	Open																																																																																																																																																																																																							
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note																																																																																																																																																																																																						
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg																																																																																																																																																																																																										
1	2.63	33.28	13.73	19.55	69.50	-36.22	100	14	Peak	Open																																																																																																																																																																																																							
2	11.52	36.15	14.46	21.69	69.50	-33.35	100	197	Peak	Open																																																																																																																																																																																																							
3	14.66	35.45	13.53	21.92	69.50	-34.05	100	309	Peak	Open																																																																																																																																																																																																							
4	20.60	36.73	14.43	22.30	69.50	-32.77	100	332	Peak	Open																																																																																																																																																																																																							
5	26.24	35.82	13.47	22.35	69.50	-33.68	100	280	Peak	Open																																																																																																																																																																																																							
6	27.25	36.03	13.67	22.36	69.50	-33.47	100	294	Peak	Open																																																																																																																																																																																																							

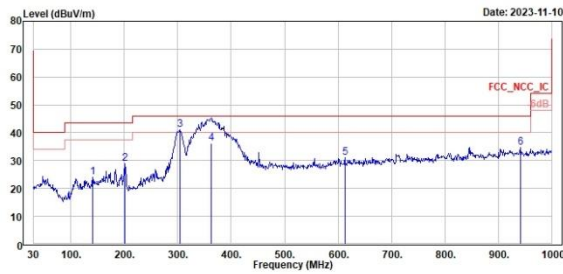
Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

Bluetooth 8DPSK_2480MHz + WiFi 2.4G 802.11ax HE40_2447MHz

Horizontal



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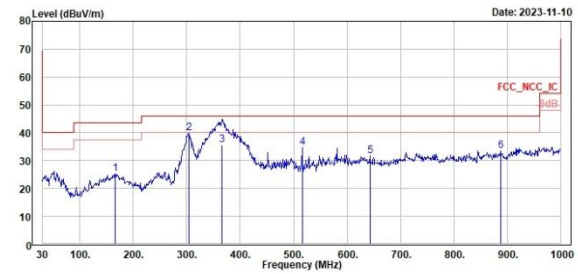
Site : 3m_Semi-Anechoic_Chamber(966_D)
Condition : Horizontal
Test Engineer: RAY
Product : Mobile Medical Assistant
Model NO : MP3
Test Rating : AC120V/60Hz
Tmp/Hum : 22.6~24.5°C/52~54%
Mode : TX_3DH5_2480+TX_ax40_2447
Power Setting: 11
Plane : H

	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	140.58	24.07	30.82	-6.75	43.50	-19.43	148		0	Peak	Horizontal	
2	201.69	28.84	37.55	-8.71	43.50	-14.66	100		0	Peak	Horizontal	
3	303.54	41.21	45.83	-4.62	46.00	-4.79	100		179	Peak	Horizontal	
4	362.71	36.21	39.72	-3.51	46.00	-9.79	100		351	QP	Horizontal	
5	612.97	31.07	30.51	0.56	46.00	-14.93	200		148	Peak	Horizontal	
6	941.00	34.75	29.51	5.24	46.00	-11.25	184		0	Peak	Horizontal	

Vertical



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Site : 3m_Semi-Anechoic_Chamber(966_D)
Condition : Vertical
Test Engineer: RAY
Product : Mobile Medical Assistant
Model NO : MP3
Test Rating : AC120V/60Hz
Tmp/Hum : 22.6~24.5°C/52~54%
Mode : TX_3DH5_2480+TX_ax40_2447
Power Setting: 11
Plane : H

	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	165.00	25.19	30.86	-5.67	43.50	-18.31	300		126	Peak	Vertical	
2	303.54	39.61	44.43	-4.82	46.00	-6.19	200		314	Peak	Vertical	
3	366.59	35.68	39.13	-3.45	46.00	-10.32	152		0	QP	Vertical	
4	515.97	34.68	35.87	-1.19	46.00	-11.32	100		178	Peak	Vertical	
5	643.04	31.72	30.77	0.95	46.00	-14.28	100		199	Peak	Vertical	
6	887.48	33.32	28.72	4.60	46.00	-12.68	100		170	Peak	Vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 40GHz

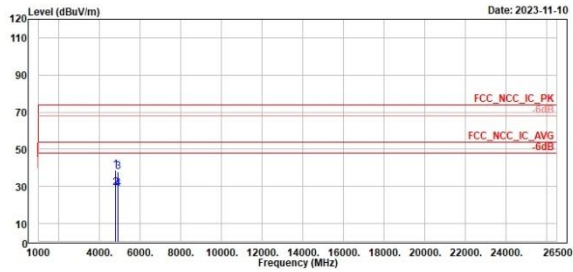
Bluetooth LE 1Mbps_2402MHz + WiFi 2.4G 802.11ax HE40_2447MHz

(Horizontal) Peak

(Vertical) Peak



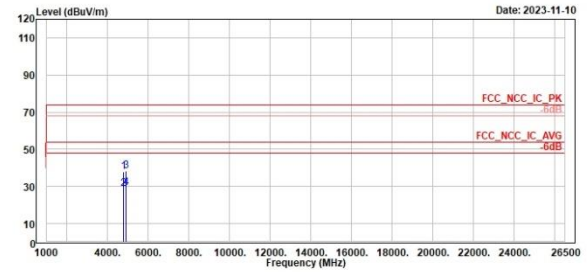
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	cm	deg			
1	4894.00	38.94	46.66	-7.72	74.00	-35.06	100			0 Peak	Horizontal	
2	4894.00	29.07	36.79	-7.72	54.00	-24.93	100			0 Average	Horizontal	
3	4894.00	38.02	45.75	-7.73	74.00	-35.98	100			26 Peak	Horizontal	
4	4894.00	28.75	36.48	-7.73	54.00	-25.25	100			26 Average	Horizontal	



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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	cm	deg			
1	4894.00	38.00	45.72	-7.72	74.00	-36.00	100			360 Peak	Vertical	
2	4894.00	28.69	36.41	-7.72	54.00	-25.31	100			360 Average	Vertical	
3	4894.00	38.16	45.89	-7.73	74.00	-35.84	100			274 Peak	Vertical	
4	4894.00	29.03	36.76	-7.73	54.00	-24.97	100			274 Average	Vertical	

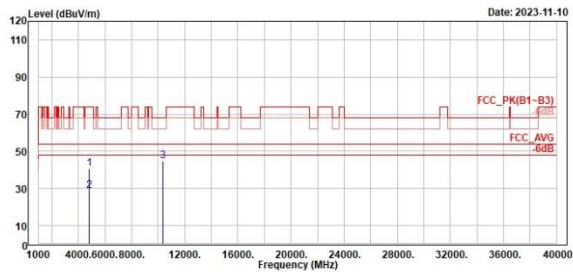
Bluetooth LE 1Mbps_2402MHz + WiFi 5G 802.11ax HE40_5190MHz

(Horizontal) Peak

(Vertical) Peak



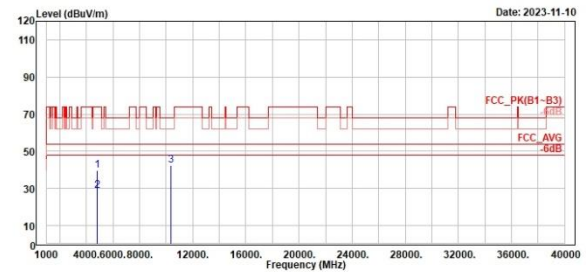
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4894.00	48.74	48.46	-7.72	74.00	-33.26	100			70 Peak	Horizontal	
2	4894.00	28.62	36.54	-7.72	54.00	-25.18	100			70 Average	Horizontal	
3	10398.00	44.93	45.65	-0.72	68.20	-23.27	100			134 Peak	Horizontal	



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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4894.00	39.71	47.43	-7.72	74.00	-34.29	145			16 Peak	Vertical	
2	4894.00	28.96	36.68	-7.72	54.00	-25.04	145			16 Average	Vertical	
3	10398.00	42.58	43.30	-0.72	68.20	-25.62	100			157 Peak	Vertical	

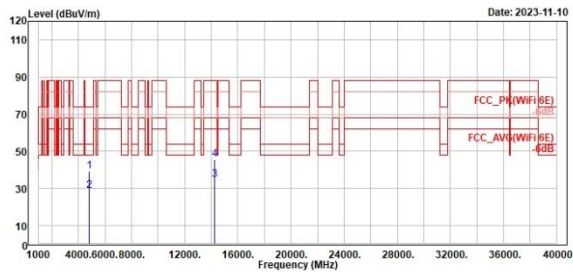
Bluetooth LE 1Mbps_2402MHz + WiFi 6G 802.11ax HE20_7115MHz

(Horizontal) Peak

(Vertical) Peak



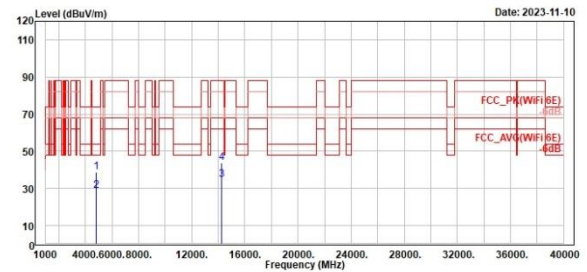
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4894.00	39.37	47.09	-7.72	74.00	-34.63	100	188	Peak	Horizontal		
2	4894.00	28.69	36.41	-7.72	54.00	-25.31	100	188	Average	Horizontal		
3	14230.00	34.76	30.20	4.56	68.20	-33.44	100	93	RMS	Horizontal		
4	14230.00	45.50	40.94	4.56	88.20	-42.70	100	93	Peak	Horizontal		



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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4894.00	38.85	46.57	-7.72	74.00	-35.15	100	9	Peak	Vertical		
2	4894.00	28.92	36.64	-7.72	54.00	-25.08	100	9	Average	Vertical		
3	14230.00	34.72	30.16	4.56	68.20	-33.48	100	64	RMS	Vertical		
4	14230.00	43.76	39.20	4.56	88.20	-44.44	100	64	Peak	Vertical		

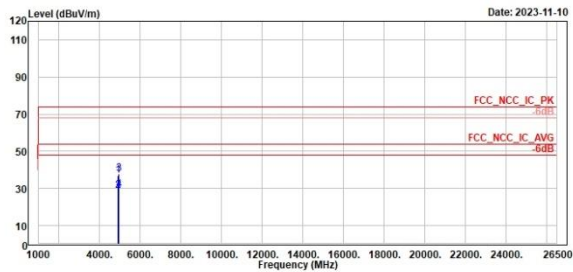
Bluetooth 8DPSK_2480MHz + WiFi 2.4G 802.11ax HE40_2447MHz

(Horizontal) Peak

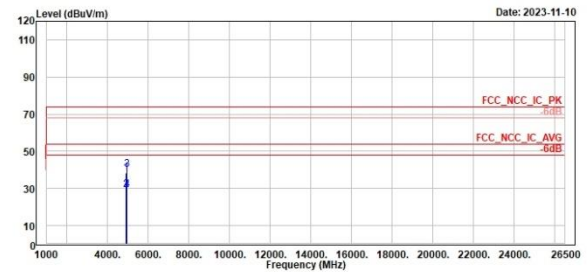
(Vertical) Peak



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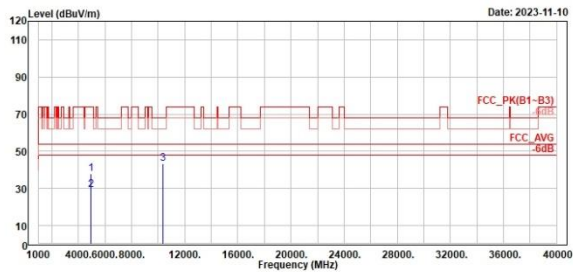
Bluetooth 8DPSK_2480MHz + WiFi 5G 802.11ax HE40_5190MHz

(Horizontal) Peak

(Vertical) Peak



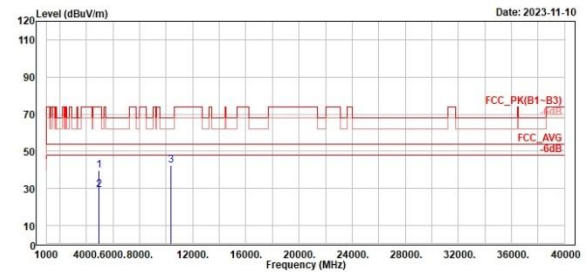
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4968.00	37.85	45.37	-7.51	74.00	-36.14	100	296	Peak	Horizontal	
2	4968.00	29.83	36.54	-7.51	54.00	-24.97	100	296	Average	Horizontal	
3	10388.00	43.16	43.88	-0.72	68.20	-25.04	100	97	Peak	Horizontal	



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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4968.00	39.69	47.20	-7.51	74.00	-34.31	100	161	Peak	Vertical	
2	4968.00	29.38	36.81	-7.51	54.00	-24.70	100	161	Average	Vertical	
3	10388.00	42.55	43.27	-0.72	68.20	-25.65	100	197	Peak	Vertical	

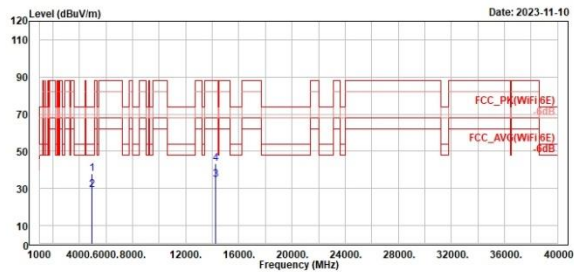
Bluetooth 8DPSK_2480MHz + WiFi 6G 802.11ax HE20_7115MHz

(Horizontal) Peak

(Vertical) Peak



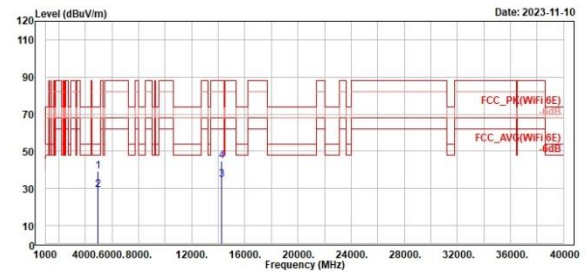
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4968.00	37.96	45.47	-7.51	74.00	-36.04	100	179	Peak	Horizontal		
2	4968.00	29.25	36.76	-7.51	54.00	-24.75	100	179	Average	Horizontal		
3	14238.00	34.71	38.15	4.56	68.20	-33.49	100	44	RMS	Horizontal		
4	14238.00	43.50	38.94	4.56	88.20	-44.70	100	44	Peak	Horizontal		



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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4968.00	39.12	46.63	-7.51	74.00	-34.88	100	331	Peak	Vertical		
2	4968.00	28.98	36.49	-7.51	54.00	-25.02	100	331	Average	Vertical		
3	14238.00	34.76	38.20	4.56	68.20	-33.44	100	360	RMS	Vertical		
4	14238.00	44.86	40.30	4.56	88.20	-43.34	100	360	Peak	Vertical		