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TEST REPORT

| Test Result : | PASS * |
|--------------------------|---|
| Date of Issue: | 2022/1/17 |
| Date of Test: | 2022/1/7 to 2022/1/9 |
| Date of Receipt: | 2021/12/19 |
| | 47 CFR Part 15, Subpart C |
| Standards: | 47 CFR FCC Part 2, Subpart J |
| FCC ID: | XMR2021SC606TNAD |
| Trade Mark: | Quectel |
| Model No.: | SC606T-NAD |
| EUT Description: | LTE Module |
| Address of Manufacturer: | Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai, China, 200233 |
| Manufacturer: | Quectel Wireless Solutions Co., Ltd. |
| Address of Applicant: | Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai, China, 200233 |
| Applicant: | Quectel Wireless Solutions Co., Ltd. |
| Application No.: | HR/2021/B0011 |
| | |

In the configuration tested, the EUT detailed in this report complied with the standards specified above.

Authorized Signature:

S

anta Sun

Panta Sun Wireless Laboratory Manager



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1 Version

| Revision Record | | | | |
|-----------------|---------|-----------|----------|----------|
| Version | Chapter | Date | Modifier | Remark |
| 01 | | 2022/1/17 | | Original |
| | | | | |
| | | | | |

| Prepared By | weller liu | | |
|-------------|-------------------------|--|--|
| | (Weller Liu) / Engineer | | |
| Checked By | Well Wei | | |
| | (Well Wei) / Reviewer | | |



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2 Test Summary

SG

| Test Item | Test Requirement | Test Method | Test Result | Result |
|---|-----------------------------|-----------------------|-----------------------------|--------|
| Antenna Requirement | 15.203/247(b) | | Refer to HR/2020/A000204 | PASS |
| AC Power Line Conducted Emission | 15.207 | ANSI C63.10 (2013) | Refer to HR/2020/A000204 | PASS |
| Conducted Peak Output Power | 15.247 (b)(1) | ANSI C63.10 (2013) | Refer to HR/2020/A000204 | PASS |
| 20dB Emission Bandwidth & 99% Occupied Bandwidth | 15.247 (a)(1) | ANSI C63.10 (2013) | Refer to HR/2020/A000204 | PASS |
| Carrier Frequencies Separation | 15.247 (a)(1) | ANSI C63.10 (2013) | Refer to HR/2020/A000204 | PASS |
| Hopping Channel Number | 15.247 (a)(1) | ANSI C63.10 (2013) | Refer to HR/2020/A000204 | PASS |
| Dwell Time | 15.247 (a)(1) | ANSI C63.10 (2013) | Refer to HR/2020/A000204 | PASS |
| Band-edge for RF Conducted Emissions | 15.247(d) | ANSI C63.10 (2013) | Refer to HR/2020/A000204 | PASS |
| RF Conducted Spurious Emissions | 15.247(d) | ANSI C63.10 (2013) | Refer to HR/2020/A000204 | PASS |
| Radiated Spurious emissions | 15.247(d); 15.205/15.209 | ANSI C63.10 (2013) | Clause 4.1 | PASS |
| Restricted bands around fundamental frequency (Radiated Emission) | 15.247(d); 15.205/15.209 | ANSI C63.10 (2013) | Clause 4.2 | PASS |



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Remark:

This test report (Report No.: SUHR/2021/B001102 issued on 2022/1/17) is based on the original FCC ID with ID number XMR2021SC606TNAD issued on 2022/1/16.

Review this report and original report, this report just changing the parts according to the declaration letter from client.

Considering to the difference, pre-scan were performed on the sample in this report to find the items which can be influential to the result in the original test report for fully retest.

Therefore in this report only radiated spurious emissions were performed based on the worst case of the original FCC ID with ID number XMR2021SC606TNAD issued on 2022/1/16 and other test data in this report are based on the previous FCC ID with ID number XMR2021SC606TNAD issued on 2022/1/16.



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3 General Information

3.1 Details of Client

| Applicant: | Quectel Wireless Solutions Co., Ltd. |
|--------------------------|---|
| Address of Applicant: | Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai, China, 200233 |
| Manufacturer: | Quectel Wireless Solutions Co., Ltd. |
| Address of Manufacturer: | Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai, China, 200233 |

3.2 Test Location

| Company: | SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd |
|----------------|--|
| Address: | South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone |
| Post code: | 215000 |
| Test engineer: | Weller Liu, King-p Li, Nature Shen, Tizzy Song |

3.3 Test Facility

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

A2LA (Certificate No. 6336.01) SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 6336.01. Innovation, Science and Economic Development Canada SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. has been recognized by ISED as an accredited testing laboratory. CAB identifier: CN0120. IC#: 27594. FCC -Designation Number: CN1312 SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. has been recognized as an accredited testing laboratory. Designation Number: CN1312. Test Firm Registration Number:0031225543



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3.4 General Description of EUT

| - | r | | | | |
|-----------------------|---|--------------------|-------------------|--|--|
| EUT Description: | LTE Module | | | | |
| Model No.: | SC606T-NAD | | | | |
| Trade Mark: | Quectel | Quectel | | | |
| Hardware Version: | R1.0 | | | | |
| Software Version: | SC606TNADNAR09A01 | | | | |
| Operation Frequency: | 2400MHz~2483.5MHz fc = 2402 MHz + N * 1 MHz, where: -fc = "Operating Frequency" in MHz, -N = "Channel Number" with the range from 0 to 78. | | | | |
| Bluetooth version: | Bluetooth V4.2 | | | | |
| Modulation Technique: | Frequency Hopping Spr | ead Spectrum(FHSS) | | | |
| Modulation Type: | GFSK, π/4DQPSK, 8DF | PSK | | | |
| Number of Channel: | 79 | | | | |
| Hopping Channel Type: | Adaptive Frequency Ho | oping systems | | | |
| Sample Type: | □Portable Device, ⊠N | lodule | | | |
| Antenna Type: | External, Integrate | d | | | |
| Antonno Cointi | Provided by applicant | t | | | |
| Antenna Gain*: | 5.0dBi | | | | |
| | ☑Provided by applicant | | | | |
| RF Cable*: | 0.5dB(0.6~1GHz) | 0.8dB(1.4~2GHz) | 1.0dB(2.1~2.7GHz) | | |
| | 1.5dB(3~4GHz) | 1.8dB(4.4~6GHz) | | | |
| Dementa | | | | | |

Remark:

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*Since the above data and/or information is provided by the applicant relevant results or conclusions of this report are only made for these data and/or information, SGS is not responsible for the authenticity, integrity and results of the data and information and/or the validity of the conclusion.



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| | Operation Frequency of each channel | | | | | | |
|---------|-------------------------------------|---------|-----------|---------|-----------|---------|-----------|
| Channel | Frequency | Channel | Frequency | Channel | Frequency | Channel | Frequency |
| 0 | 2402MHz | 20 | 2422MHz | 40 | 2442MHz | 60 | 2462MHz |
| 1 | 2403MHz | 21 | 2423MHz | 41 | 2443MHz | 61 | 2463MHz |
| 2 | 2404MHz | 22 | 2424MHz | 42 | 2444MHz | 62 | 2464MHz |
| 3 | 2405MHz | 23 | 2425MHz | 43 | 2445MHz | 63 | 2465MHz |
| 4 | 2406MHz | 24 | 2426MHz | 44 | 2446MHz | 64 | 2466MHz |
| 5 | 2407MHz | 25 | 2427MHz | 45 | 2447MHz | 65 | 2467MHz |
| 6 | 2408MHz | 26 | 2428MHz | 46 | 2448MHz | 66 | 2468MHz |
| 7 | 2409MHz | 27 | 2429MHz | 47 | 2449MHz | 67 | 2469MHz |
| 8 | 2410MHz | 28 | 2430MHz | 48 | 2450MHz | 68 | 2470MHz |
| 9 | 2411MHz | 29 | 2431MHz | 49 | 2451MHz | 69 | 2471MHz |
| 10 | 2412MHz | 30 | 2432MHz | 50 | 2452MHz | 70 | 2472MHz |
| 11 | 2413MHz | 31 | 2433MHz | 51 | 2453MHz | 71 | 2473MHz |
| 12 | 2414MHz | 32 | 2434MHz | 52 | 2454MHz | 72 | 2474MHz |
| 13 | 2415MHz | 33 | 2435MHz | 53 | 2455MHz | 73 | 2475MHz |
| 14 | 2416MHz | 34 | 2436MHz | 54 | 2456MHz | 74 | 2476MHz |
| 15 | 2417MHz | 35 | 2437MHz | 55 | 2457MHz | 75 | 2477MHz |
| 16 | 2418MHz | 36 | 2438MHz | 56 | 2458MHz | 76 | 2478MHz |
| 17 | 2419MHz | 37 | 2439MHz | 57 | 2459MHz | 77 | 2479MHz |
| 18 | 2420MHz | 38 | 2440MHz | 58 | 2460MHz | 78 | 2480MHz |
| 19 | 2421MHz | 39 | 2441MHz | 59 | 2461MHz | | |

Remark:

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In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

| Channel | Frequency |
|---------------------------|-----------|
| The Lowest channel(CH0) | 2402MHz |
| The Middle channel(CH39) | 2441MHz |
| The Highest channel(CH78) | 2480MHz |



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3.5 Test Environment

| Environment Parameter | Environment Parameter 101.0 KPa Selected Values During Tests | | |
|-----------------------------------|--|------------|--|
| Relative Humidity | 44-46 % RH Ambient | | |
| Value Temperature(°C) Voltag | | Voltage(V) | |
| NTNV | 22~23 | 3.85 | |
| LTNV | -35 | 3.85 | |
| HTNV | 65 | 3.85 | |
| Remark: | | | |
| NV: Normal Voltage | | | |
| NT: Normal Temperature | | | |
| LT: Low Extreme Test Temperature | | | |
| HT: High Extreme Test Temperature | | | |

3.6 Description of Support Units

The EUT has been tested independent unit.



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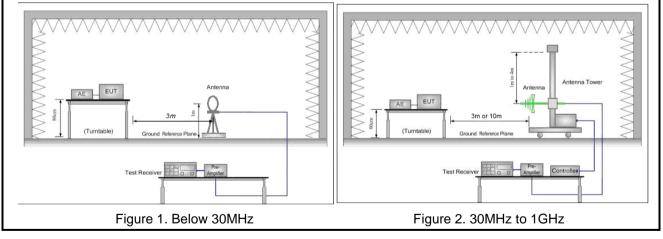
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4 Test results and Measurement Data

4.1 Radiated Spurious Emissions

| Test Requirement: | 47 CFR Part 15C Section 15.209 and 15.205 | | | | | | |
|-------------------|--|---|---------------|-----------------|-----|--|--|
| Test Method: | ANSI C63.10 :2013 Section | on 11.12 | | | | | |
| Test Site: | Measurement Distance: 3 | m (Semi-Anechoic | Chamber) | | | | |
| Limit: | t: Frequency Field strength Limit Remark distance distanc | | | | | | |
| | 0.009MHz-0.490MHz | 2400/F(kHz) | - | - | 300 | | |
| | 0.490MHz-1.705MHz | 24000/F(kHz) | - | - | 30 | | |
| | 1.705MHz-30MHz | 30 | - | - | 30 | | |
| | 30MHz-88MHz | 100 | 40.0 | Quasi-peak | 3 | | |
| | 88MHz-216MHz | 150 | 43.5 | Quasi-peak | 3 | | |
| | 216MHz-960MHz | 200 | 46.0 | Quasi-peak | 3 | | |
| | 960MHz-1GHz | 500 | 54.0 | Quasi-peak | 3 | | |
| | Above 1GHz 500 54.0 Average 3 | | | | | | |
| | Remark: 15.35(b),Unless emissions is 20dB above applicable to the equipme level radiated by the device | the maximum pern nt under test. This | nitted averag | e emission limi | it | | |

Test Setup:





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|---------------------|--|
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| | Antenna Tower Im or 3m Jun datassa Jun datassa Ground Reference Plane Test Receiver |
| | Figure 3. Above 1 GHz |
| Test Procedure: | a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation. b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation. |
| | c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. |
| | d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. |
| | e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters(for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. |
| | f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. |
| | g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be retested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet. |
| | h. Test the EUT in the lowest channel, the middle channel ,the Highest channel. |
| | The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case. Repeat above procedures until all frequencies measured was complete. |
| Test Configuration: | Measurements Below 1000MHz |
| | • RBW = 120 kHz |
| | • VBW = 300 kHz |
| | Detector = Peak |
| | Trace mode = max hold |
| | Peak Measurements Above 1000 MHz |
| | • RBW = 1 MHz • $VPW > 2$ MHz |
| | • VBW ≥ 3 MHz |



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| | Detector = Peak |
|---------------------------|---|
| | Sweep time = auto |
| | Trace mode = max hold |
| | Average Measurements Above 1000MHz |
| | • RBW = 1 MHz |
| | • VBW ≥ [3 *RBW] |
| | Detector = RMS (power averaging), if span / (# of points in sweep) ≤ (RBW / 2). Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak. |
| | Sweep time = auto |
| | Perform a trace average of at least 100 traces. |
| | condition cannot be satisfied, then the detector mode shall be set to peak. |
| | transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation. |
| E destas Test | Non-hopping transmitting mode with all kind of modulation and all kind of |
| Exploratory Test Mode: | data type |
| wode. | Charge + Transmitting mode. |
| | Through Pre-scan, find the |
| | DH5 of data type and GFSK modulation is the worst case. |
| Final Test Mode: | Pretest the EUT at Charge + Transmitting mode |
| | For below 1GHz part, through pre-scan, the worst case is the lowest channel. |
| | Only the worst case is recorded in the report. |
| Instruments Used: | Refer to section 6 for details |
| Test Results: | Pass |
| The detailed test data | a see: Appendix |
| | |

Remark: Through pre-scan, The disturbance between 9KHz to 30MHz and below 18GHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.



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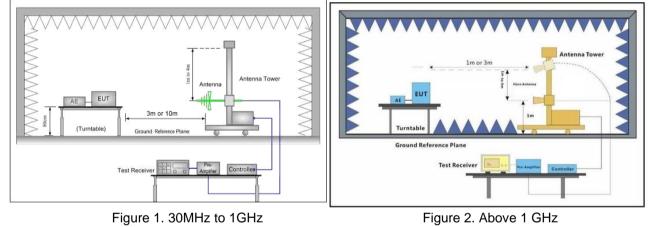
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4.2 Restricted bands around fundamental frequency

| Test Requirement: | 47 CFR Part 15C Section 1 | 47 CFR Part 15C Section 15.209 and 15.205 | | | | | | |
|-------------------|--|---|---------------|--|--|--|--|--|
| Test Method: | ANSI C63.10: 2013 | | | | | | | |
| Test Site: | Measurement Distance: 3m (Semi-Anechoic Chamber) | | | | | | | |
| Limit: | Frequency | Limit (dBuV/m) | Remark | | | | | |
| | 30MHz-88MHz | 40.0 | Quasi-peak | | | | | |
| | 88MHz-216MHz | 43.5 | Quasi-peak | | | | | |
| | 216MHz-960MHz | 46.0 | Quasi-peak | | | | | |
| | 960MHz-1GHz | 54.0 | Quasi-peak | | | | | |
| | Above 1GHz | 54.0 | Average Value | | | | | |
| | ADOVE IGHZ | 74.0 | Peak Value | | | | | |

Test Setup:

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| riguio | 1. 00 | |
|-----------------|-------|--|
| Test Procedure: | a. | For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation. |
| | b. | For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation. |
| | C. | The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. |
| | d. | The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. |
| | e. | For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. |
| | f. | The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. |
| | g. | Place a marker at the end of the restricted band closest to the transmit |



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| | frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel h. Test the EUT in the lowest channel , the Highest channel i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case. j. Repeat above procedures until all frequencies measured was complete. |
| Test Configuration: | Measurements Below 1000MHz RBW = 120 kHz VBW = 300 kHz Detector = Peak Trace mode = max hold Peak Measurements Above 1000 MHz RBW = 1 MHz VBW ≥ 3 MHz Detector = Peak Sweep time = auto Trace mode = max hold Average Measurements Above 1000MHz RBW = 1 MHz VBW ≥ [3 *RBW] Detector = RMS (power averaging), if span / (# of points in sweep) ≤ (RBW / 2). Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak. Sweep time = auto Perform a trace average of at least 100 traces. transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation. |
| Exploratory Test Mode: | Non-hopping transmitting mode with all kind of modulation and all kind of data type Charge + Transmitting mode. |
| Final Test Mode: | Through Pre-scan, find the DH5 of data type and GFSK modulation is the worst case. Pretest the EUT at Charge + Transmitting mode, Only the worst case is recorded in the report. |
| Instruments Used: | Refer to section 6 for details |
| Test Results: | Pass |
| The detailed test data see | e: Appendix |
| | |



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5 Measurement Uncertainty (95% confidence levels, k=2)

| No. | Item | Measurement Uncertainty |
|-----|-------------------|-------------------------|
| | | ± 3.13dB (9kHz - 30MHz) |
| 4 | Radiated Emission | ± 4.8dB (30MHz - 1GHz) |
| | Radiated Emission | ± 4.8dB (1GHz to 18GHz) |
| | | ± 4.8dB (Above 18GHz) |



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6 Equipment List

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| RSE Test Equipment | | | | | | | | | | |
|------------------------------------|--|---------------------|---------------|-----------|-----------------|--|--|--|--|--|
| Equipment | Manufacturer | Model No. | Inventory No. | Cal Date | Cal Due Date | | | | | |
| Semi-Anechoic Chamber | Brilliant-emc | N/A | SUWI-04-02-01 | 2021/5/8 | 2024/5/7 | | | | | |
| Temperature and humidity meter | MingGao | TH101B | SUWI-01-01-05 | 2021/2/20 | 2022/2/19 | | | | | |
| Signal Analyzer | ROHDE&SCHWARZ | FSW43 | SUWI-01-02-04 | 2021/5/28 | 2022/5/27 | | | | | |
| Test receiver | ROHDE&SCHWARZ | ESR7 | SUWI-01-10-01 | 2021/2/20 | 2022/2/19 | | | | | |
| DC Power Supply | HYELEC | HY3005B | SUWI-01-18-01 | 2021/2/20 | 2022/2/19 | | | | | |
| Receiving antenna | SCHWRZBECK MESS-ELEKTRONIK | VULB 9163 | SUWI-01-11-01 | 2021/5/16 | 2022/5/15 | | | | | |
| Receiving antenna | SCHWRZBECK MESS-ELEKTRONIK | BBHA 9120D | SUWI-01-11-02 | 2021/5/16 | 2022/5/15 | | | | | |
| Receiving antenna | eceiving antenna SCHWRZBECK MESS-ELEKTRONIK | | SUWI-01-11-03 | 2021/5/14 | 2022/5/13 | | | | | |
| Amplifier | Tonscend | TAP9K3G40 | SUWI-01-14-01 | 2021/2/20 | 2022/2/19 | | | | | |
| Amplifier | Tonscend | TAP01018050 | SUWI-01-14-02 | 2021/2/20 | 2022/2/19 | | | | | |
| Amplifier | Tonscend | TAP18040048 | SUWI-01-14-03 | 2021/2/20 | 2022/2/19 | | | | | |
| Active Loop Antenna | SCHWRZBECK MESS-ELEKTRONIK | FMZB 1519B | SUWI-01-21-01 | 2021/6/10 | 2022/6/9 | | | | | |
| Measurement Software | Tonscend | JS32-RE V3.0.0.3 | SUWI-02-09-04 | NCR | NCR | | | | | |
| Radio Communication Analyzer | ROHDE&SCHWARZ | CMW500 | SUWI-01-27-01 | 2021/9/28 | 2022/9/27 | | | | | |



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7 **Photographs - EUT Constructional Details**

Refer to Appendix A.2 WLAN Setup Photos.



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Appendix



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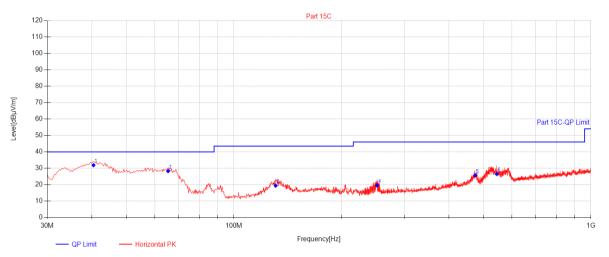
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Test on the worst case: Radiated Spurious Emissions

Radiated emission below 1GHz

Worst case Mode: GFSK_Channel 78



| Final | Final Data List | | | | | | | | | | | |
|-------|--------------------|-------------------|----------------|----------------------|----------------------|-------------------|----------------|--------------|------------|--|--|--|
| NO. | Frequency [MHz] | Reading [dBµV] | Factor [dB] | QP Value [dBµV/m] | QP Limit [dBµV/m] | QP Margin [dB] | Height [cm] | Angle [°] | Polarity | | | |
| 1 | 40.4275 | 54.11 | -22.23 | 31.88 | 40.00 | 8.12 | 112 | 257 | Horizontal | | | |
| 2 | 65.405 | 53.02 | -24.76 | 28.26 | 40.00 | 11.74 | 204 | 206 | Horizontal | | | |
| 3 | 130.88 | 42.15 | -22.78 | 19.37 | 43.50 | 24.13 | 311 | 185 | Horizontal | | | |
| 4 | 251.8875 | 42.22 | -22.64 | 19.58 | 46.00 | 26.42 | 142 | 308 | Horizontal | | | |
| 5 | 474.0175 | 42.35 | -16.70 | 25.65 | 46.00 | 20.35 | 116 | 164 | Horizontal | | | |
| 6 | 544.8275 | 42.02 | -15.52 | 26.50 | 46.00 | 19.50 | 119 | 308 | Horizontal | | | |



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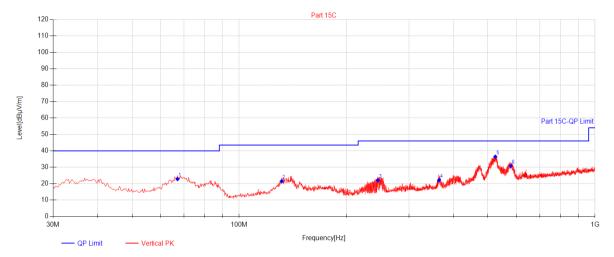
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Worst case Mode: GFSK_Channel 78

| Final | Final Data List | | | | | | | | | | | |
|-------|--------------------|-------------------|----------------|----------------------|----------------------|-------------------|----------------|--------------|----------|--|--|--|
| NO. | Frequency [MHz] | Reading [dBµV] | Factor [dB] | QP Value [dBµV/m] | QP Limit [dBµV/m] | QP Margin [dB] | Height [cm] | Angle [°] | Polarity | | | |
| 1 | 67.1025 | 47.89 | -25.11 | 22.78 | 40.00 | 17.22 | 213 | 282 | Vertical | | | |
| 2 | 131.6075 | 44.11 | -22.72 | 21.39 | 43.50 | 22.11 | 122 | 256 | Vertical | | | |
| 3 | 245.34 | 45.20 | -23.20 | 22.00 | 46.00 | 24.00 | 109 | 174 | Vertical | | | |
| 4 | 364.65 | 42.16 | -20.04 | 22.12 | 46.00 | 23.88 | 154 | 225 | Vertical | | | |
| 5 | 524.7 | 52.26 | -15.85 | 36.41 | 46.00 | 9.59 | 107 | 209 | Vertical | | | |
| 6 | 579.99 | 45.45 | -14.66 | 30.79 | 46.00 | 15.21 | 121 | 236 | Vertical | | | |



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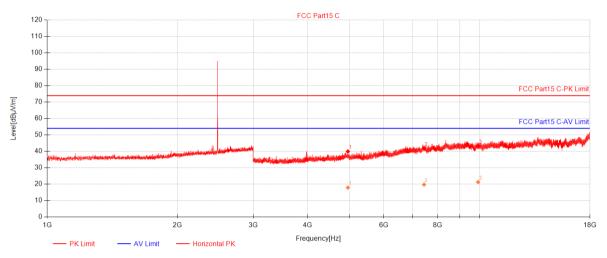
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Transmitter emission above 1GHz

Worst case Mode: GFSK_Channel 78



| Final | Final Data List | | | | | | | | | | | |
|-------|--------------------|-------------------|----------------|-------------------|-------------------|----------------|----------------|--------------|------------|--|--|--|
| NO. | Frequency [MHz] | Reading [dBµV] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity | | | |
| 1 | 4960 | 52.74 | -12.83 | 39.91 | 74.00 | 34.09 | 125 | 242 | Horizontal | | | |
| 2 | 4960 | - | - | 17.86 | 54 | 36.14 | - | - | Horizontal | | | |
| 3 | 7440 | 48.57 | -6.83 | 41.74 | 74.00 | 32.26 | 163 | 258 | Horizontal | | | |
| 4 | 7440 | - | - | 19.69 | 54 | 34.31 | - | - | Horizontal | | | |
| 5 | 9920 | 44.24 | -0.93 | 43.31 | 74.00 | 30.69 | 195 | 208 | Horizontal | | | |
| 6 | 9920 | - | - | 21.26 | 54 | 32.74 | - | - | Horizontal | | | |



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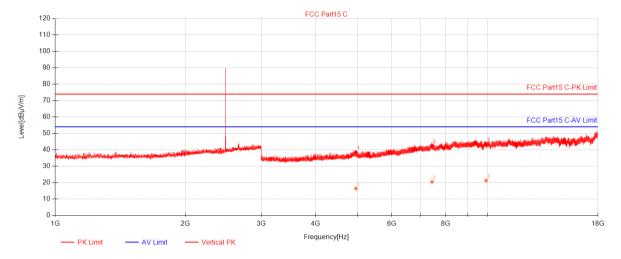
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Worst case Mode: GFSK_Channel 78

| Final | Final Data List | | | | | | | | | | | |
|-------|--------------------|-------------------|----------------|-------------------|-------------------|----------------|----------------|--------------|----------|--|--|--|
| NO. | Frequency [MHz] | Reading [dBµV] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity | | | |
| 1 | 4960 | 51.31 | -12.83 | 38.48 | 74.00 | 35.52 | 185 | 276 | Vertical | | | |
| 2 | 4960 | - | - | 16.43 | 54 | 37.57 | - | - | Vertical | | | |
| 3 | 7440 | 49.35 | -6.83 | 42.52 | 74.00 | 31.48 | 162 | 10 | Vertical | | | |
| 4 | 7440 | - | - | 20.47 | 54 | 33.53 | - | - | Vertical | | | |
| 5 | 9920 | 44.19 | -0.93 | 43.26 | 74.00 | 30.74 | 133 | 310 | Vertical | | | |
| 6 | 9920 | - | - | 21.21 | 54 | 32.79 | - | - | Vertical | | | |



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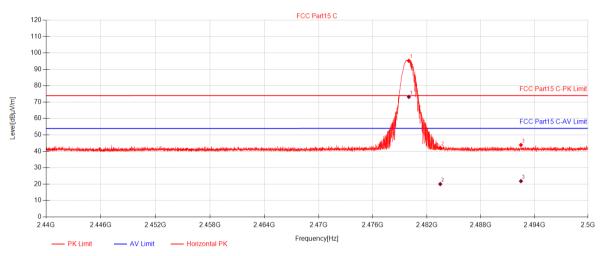
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Restricted bands around fundamental frequency

Worst case Mode: GFSK_Channel 78



| Final Data List | | | | | | | | | | |
|-----------------|--------------------|-------------------|----------------|-------------------|-------------------|----------------|----------------|--------------|------------|--|
| NO. | Frequency [MHz] | Reading [dBµV] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity | |
| 1 | 2480 | 91.66 | 3.57 | 95.23 | - | - | 265 | 213 | Horizontal | |
| 2 | 2480 | - | - | 73.18 | - | - | - | - | Horizontal | |
| 3 | 2483.5 | 38.48 | 3.60 | 42.08 | 74.00 | 31.92 | 265 | 213 | Horizontal | |
| 4 | 2483.5 | - | - | 20.03 | 54 | 33.97 | - | - | Horizontal | |
| 5 | 2492.4925 | 40.24 | 3.65 | 43.89 | 74.00 | 30.11 | 265 | 213 | Horizontal | |
| 6 | 2492.4925 | - | - | 21.84 | 54 | 32.16 | - | - | Horizontal | |



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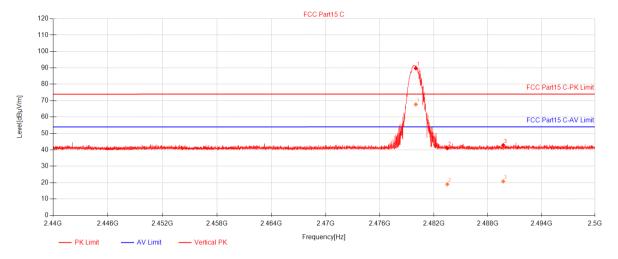
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Worst case Mode: GFSK_Channel 78

| Final Data List | | | | | | | | | | | |
|-----------------|--------------------|-------------------|----------------|-------------------|-------------------|----------------|----------------|--------------|----------|--|--|
| NO. | Frequency [MHz] | Reading [dBµV] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity | | |
| 1 | 2480 | 86.15 | 3.57 | 89.72 | - | - | 270 | 64 | Vertical | | |
| 2 | 2480 | - | - | 67.67 | - | - | - | - | Vertical | | |
| 3 | 2483.5 | 37.42 | 3.60 | 41.02 | 74.00 | 32.98 | 270 | 64 | Vertical | | |
| 4 | 2483.5 | - | - | 18.97 | 54 | 35.03 | - | - | Vertical | | |
| 5 | 2489.7325 | 39.20 | 3.64 | 42.84 | 74.00 | 31.16 | 270 | 64 | Vertical | | |
| 6 | 2489.7325 | - | - | 20.79 | 54 | 33.21 | - | - | Vertical | | |

The End



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