



## CTK Co., Ltd.

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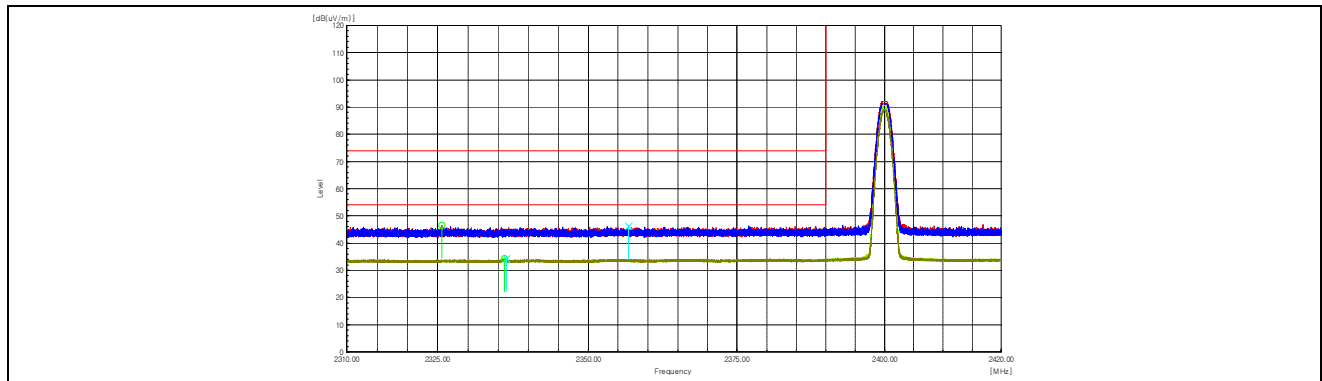
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### 3. 2 310 MHz to 2 390 MHz

The requirements are:

☒ Complies

Test mode : Transmit, Low Channel(Worst case)



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note    |
|-----------------|-----|----------------|---------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 2 325.7         | H   | 51.3           | -4.8          | 46.5                | ----                | 74.0                | ----                | 27.5           | ----           | Peak    |
| 2 336.0         | H   | 39.2           | -4.8          | ----                | 34.4                | ----                | 54.0                | ----           | 19.6           | Average |
| 2 356.7         | V   | 51.0           | -4.7          | 46.3                | ----                | 74.0                | ----                | 27.7           | ----           | Peak    |
| 2 336.3         | V   | 39.1           | -4.8          | ----                | 34.3                | ----                | 54.0                | ----           | 19.7           | Average |

#### Remarks

1. The Unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in stand-up position(Z axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain
4. Radiated Emission measured at 100 % duty cycle.



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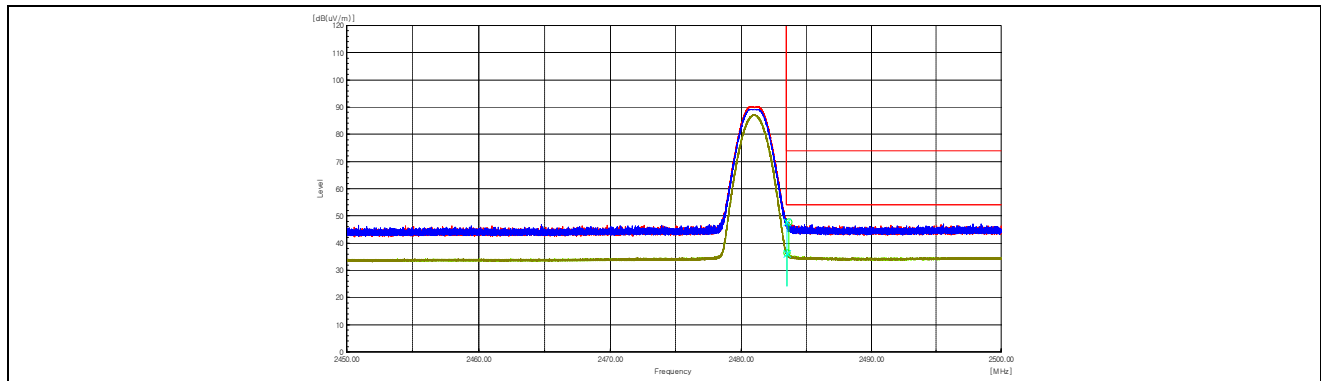
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### 4. 2 483.5 MHz to 2 500 MHz

The requirements are:

☒ Complies

Test mode : Transmit, High Channel\_1 (Worst case)



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note    |
|-----------------|-----|----------------|---------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 2 483.7         | H   | 51.9           | -4.2          | 47.7                | ----                | 74.0                | ----                | 26.3           | ----           | Peak    |
| 2 483.5         | H   | 40.5           | -4.2          | ----                | 36.3                | ----                | 54.0                | ----           | 17.7           | Average |
| 2 483.5         | V   | 51.9           | -4.2          | 47.7                | ----                | 74.0                | ----                | 26.3           | ----           | Peak    |
| 2 483.5         | V   | 40.5           | -4.2          | ----                | 36.3                | ----                | 54.0                | ----           | 17.7           | Average |

### Remarks

1. The Unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in stand-up position(Z axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain
4. Radiated Emission measured at 100 % duty cycle.



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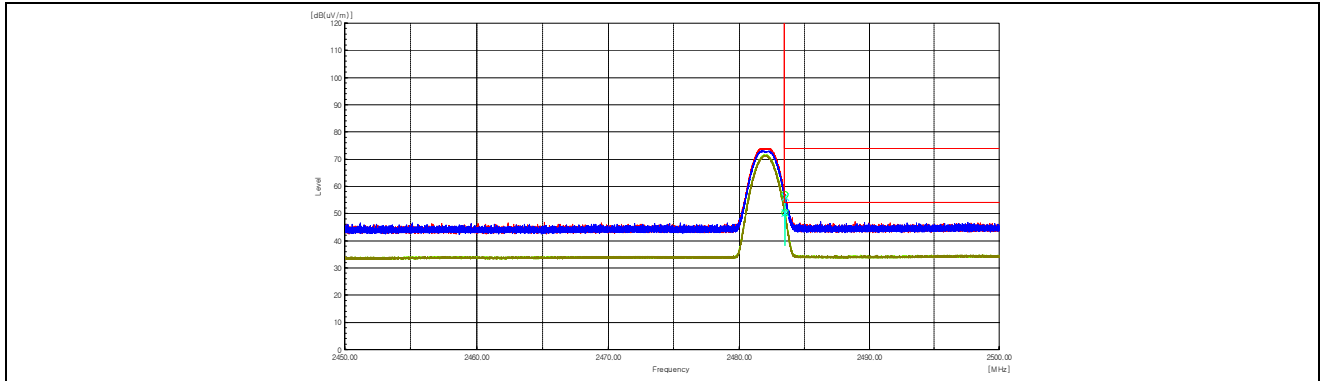
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The requirements are:

☒ Complies

Test mode : Transmit, High Channel\_2 (Worst case)



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note    |
|-----------------|-----|----------------|---------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 2 483.5         | H   | 61.2           | -4.2          | 57.0                | -----               | 74.0                | -----               | 17.0           | -----          | Peak    |
| 2 483.5         | H   | 54.6           | -4.2          | -----               | 50.4                | -----               | 54.0                | -----          | 3.6            | Average |
| 2 483.5         | V   | 60.4           | -4.2          | 56.2                | -----               | 74.0                | -----               | 17.8           | -----          | Peak    |
| 2 483.5         | V   | 54.6           | -4.2          | -----               | 50.4                | -----               | 54.0                | -----          | 3.6            | Average |

## Remarks

1. The Unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in stand-up position(Z axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain
4. Radiated Emission measured at 100 % duty cycle.



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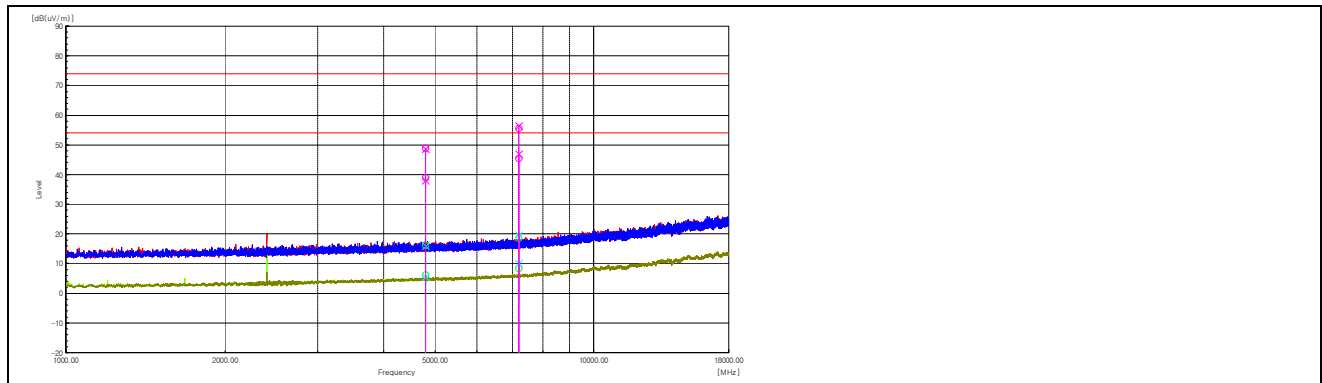
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### 5. 1 GHz to 18 GHz

The requirements are:

☒ Complies

Test mode : Transmit, High Channel\_1(Worst case)



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note    |
|-----------------|-----|----------------|---------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|---------|
| 4 961.2         | V   | 49.5           | 3.8           | 53.3                | -----               | 74.0                | -----               | 20.7           | -----          | Peak    |
| 4 961.8         | H   | 39.8           | 3.8           | -----               | 43.6                | -----               | 54.0                | -----          | 10.4           | Average |
| 4 961.8         | V   | 39.2           | 3.8           | -----               | 43.0                | -----               | 54.0                | -----          | 11.0           | Average |
| 4 962.6         | H   | 49.3           | 3.8           | 53.1                | -----               | 74.0                | -----               | 20.9           | -----          | Peak    |
| 7 442.5         | H   | 50.6           | 9.4           | 60.0                | -----               | 74.0                | -----               | 14.0           | -----          | Peak    |
| 7 442.5         | H   | 39.7           | 9.4           | -----               | 49.1                | -----               | 54.0                | -----          | 4.9            | Average |
| 7 443.2         | V   | 41.7           | 9.4           | -----               | 51.1                | -----               | 54.0                | -----          | 2.9            | Average |
| 7 444.3         | V   | 50.8           | 9.4           | 60.2                | -----               | 74.0                | -----               | 13.8           | -----          | Peak    |

#### Remarks

1. The Unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in stand-up position(Z axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain
4. Radiated Emission measured at 100 % duty cycle.



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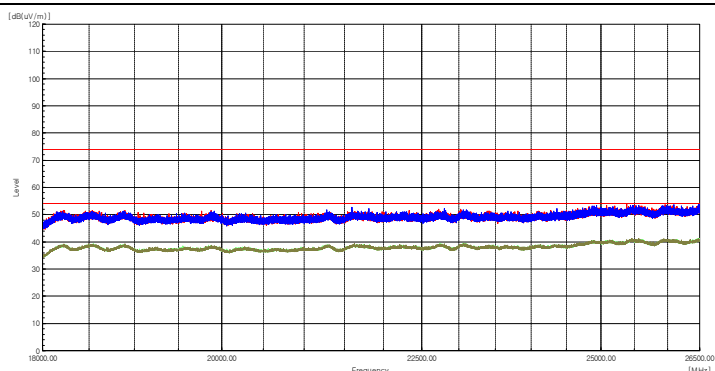
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## 6. 18.0 GHz to 26.5 GHz

Test mode : Transmit, High Channel\_1 (Worst case)

The requirements are:

☒ Complies



| Frequency [MHz] | (P) | Reading [dBuV] | c.f [dB(1/m)] | Level PK [dB(uV/m)] | Level AV [dB(uV/m)] | Limit PK [dB(uV/m)] | Limit AV [dB(uV/m)] | Margin PK [dB] | Margin AV [dB] | Note |
|-----------------|-----|----------------|---------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|
|-----------------|-----|----------------|---------------|---------------------|---------------------|---------------------|---------------------|----------------|----------------|------|

There were no emissions above the noise floor.

### Remarks

1. The Unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in stand-up position(Z axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain
4. Radiated Emission measured at 100 % duty cycle.

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## APPENDIX A – Test Equipment Used For Tests

| No. | Name of Equipment              | Manufacturer                             | Model No.   | Serial No.      | Cal Date   | Due Date   |
|-----|--------------------------------|------------------------------------------|-------------|-----------------|------------|------------|
| 1   | Signal Analyzer                | Agilent                                  | N9020A      | MY50510324      | 2025-11-25 | 2026-11-25 |
| 2   | Signal Generator               | Rohde & Schwarz                          | SMB100A     | 175528          | 2026-03-12 | 2027-03-12 |
| 3   | EMI TEST RECEIVER              | Rohde & Schwarz                          | ESW44       | 102039          | 2026-04-27 | 2027-04-27 |
| 4   | Active Loop Antenna            | SCHWARZBECK                              | FMZB 1513   | 1513-125        | 2026-03-25 | 2028-03-25 |
| 5   | Bilog Antenna                  | TESEQ                                    | CBL6111D    | 60654           | 2025-08-21 | 2027-08-21 |
| 6   | AMPLIFIER                      | SONOMA<br>INSTRUMENT                     | 310N        | 411011          | 2025-07-28 | 2026-07-28 |
| 7   | ATTENUATOR                     | PASTERNAK                                | PE7AP006-06 | L20210504000023 | 2025-07-28 | 2026-07-28 |
| 8   | ATTENUATOR                     | NONE                                     | 6dB         | 190557          | 2025-09-18 | 2026-09-18 |
| 9   | Preamplifier                   | Agilent                                  | 8449B       | 3008A00620      | 2026-03-11 | 2027-03-11 |
| 10  | Double Ridged Guide<br>Antenna | ETS-Lindgren                             | 3115        | 00078895        | 2026-03-13 | 2027-03-13 |
| 11  | Horn Antenna                   | SCHWARZBECK                              | BBHA9170    | 01153           | 2025-09-30 | 2026-09-30 |
| 12  | Low Noise Amplifier            | TESTEK                                   | TK-PA1840H  | 210124-L        | 2025-09-30 | 2026-09-30 |
| 13  | Band Reject Filter             | Micro Tronics                            | BRM50702    | G233            | 2025-11-25 | 2026-11-25 |
| 14  | Spectrum Analyzer              | Rohde & Schwarz                          | FSV40       | 101574          | 2026-01-13 | 2027-01-13 |
| 15  | DC Power Supply                | Agilent                                  | E3632A      | MY40009327      | 2026-03-11 | 2027-03-11 |
| 16  | Dual-Tracking DC Power Supply  | Topward Electric<br>Instruments Co.,Ltd. | 6303D       | 802204          | 2026-03-12 | 2027-03-12 |

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