

ISED CABid: ES1909  
Lab. Company Number: 4621A

Test Report No:  
79405RRF.016A1

## Partial Test Report

USA FCC 15.31(h), 15.209, 15.247, 15.407  
CANADA RSS-247, RSS-Gen

|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (*) Identification of item tested   | Rear Seat Entertainment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| (*) Trademark                       | BMW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| (*) Model and /or type reference    | IDCEVO-RSE_EXBX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Other identification of the product | FCC ID: T8GIDCEVORSE<br>IC: 6434A-IDCEVORSE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| (*) Features                        | WLAN, Bluetooth<br>HW version: 1.1.5<br>SW version: 25W46_2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| (*) Manufacturer                    | Harman Becker Automotive Systems GMBH<br>Becker-Goering-STR. 16; 76307 Karlsbad. GERMANY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Test method requested, standard     | <p>USA FCC Part 15.31(h) (10-1-24 Edition): Measurement standard.</p> <p>USA FCC Part 15.209 (10-1-24 Edition): Radiated emission limits; general requirements.</p> <p>USA FCC Part 15.247 (10-1-24 Edition): Operation within the bands 902 - 928 MHz, 2400 -2483.5 MHz, and 5725 - 5850 MHz.</p> <p>USA FCC Part 15.407 (10-1-24 Edition): Unlicensed National Information Infrastructure (U-NII) Devices. General technical requirements. Band U-NII-3 (5725 MHz – 5850 MHz).</p> <p>CANADA RSS-247 Issue 4, Jul. 2025.</p> <p>CANADA RSS-Gen Issue 5, Amendment 2, Feb. 2021.</p> <ul style="list-style-type: none"> <li>- Emission limitations radiated with simultaneous transmissions.</li> </ul> <p>Guidance for Performing Compliance Measurements on Digital Transmission System, Frequency Hopping Spread Spectrum: System, and Hybrid Systems Devices Operating Under Section 15.247 of the FCC Rules. 558074 D01 Meas Guidance v05r02 dated April 2, 2019.</p> <p>Guidance for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices 789033 D02 General U-NII Test Procedures New Rules v02r01 dated Dec. 14, 2017.</p> <p>Measurement Guidance for Certification of Licensed Digital Transmitters. 971168 D01 Power Meas License Digital Systems v03r01 dated April 9, 2018.</p> |

|                                              |                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                             |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                              | ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 +<br>Errata to C63.10a-2024: American National Standard for<br>Testing Unlicensed Wireless Devices.<br>ANSI C63.26-2015 IEEE/ANSI Standard for Testing of<br>Transmitters Used in Licensed Radio Services. |                                                                                                                                                                                                                             |
| Approved by (name / position &<br>signature) | José Manuel Gómez Galván<br>EMC Consumer & RF<br>Lab. Manager                                                                                                                                                                                           |  <div>Firmado<br/>digitalmente por<br/>53680346W JOSE<br/>MANUEL GOMEZ<br/>(CA29507456)<br/>Fecha: 2026.06.19<br/>11:24:30 +02'00'</div> |
| Date of issue                                | 2026-06-19                                                                                                                                                                                                                                              |                                                                                                                                                                                                                             |
| Report template No.                          | FDT08_25<br>(*) "Data provided by the client"                                                                                                                                                                                                           |                                                                                                                                                                                                                             |

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## Competences and guarantees

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DEKRA Testing and Certification is an FCC-recognized accredited testing laboratory with appropriate scope of accreditation that covers the performed tests in this report.

DEKRA Testing and Certification is an ISED-recognized accredited testing laboratory, CABid: ES1909, Company Number: 4621A, with the appropriate scope of accreditation that covers the performed tests in this report.

In order to assure the traceability to other national and international laboratories, DEKRA Testing and Certification has a calibration and maintenance program for its measurement equipment.

DEKRA Testing and Certification guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated on the report and it is based on the knowledge and technical facilities available at DEKRA Testing and Certification at the time of performance of the test.

DEKRA Testing and Certification is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

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## General conditions

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1. This report is only referred to the item that has undergone the test.
2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or competent Authorities.
3. This document is only valid if complete; no partial reproduction can be made without previous written permission of DEKRA Testing and Certification S.A.U.
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## Uncertainty

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Uncertainty (factor  $k=2$ ) was calculated according to the DEKRA Testing and Certification S.A.U. internal document PODT000.

The total uncertainty of the measurement system for the radiated emissions of the EUT from 30 MHz to 1 GHz is: Measurement uncertainty  $\leq \pm 5.35$  dB (with factor  $k=2$ ).

The total uncertainty of the measurement system for the radiated emissions of the EUT from 1 to 17 GHz is: Measurement uncertainty  $\leq \pm 4.32$  dB (with factor  $k=2$ ).

The total uncertainty of the measurement system for the radiated emissions of the EUT from 17 to 40 GHz is: Measurement uncertainty  $\leq \pm 5.51$  dB (with factor  $k=2$ ).

## Data provided by the client

---

The following data has been provided by the client:

1. Information relating to the description of the sample ("Identification of the item tested", "Trademark", "Model and/or type reference tested", "Manufacturer").
2. The sample consists of a Rear Seat Entertainment

DEKRA Testing and Certification S.A.U. declines any responsibility with respect to the information provided by the client and that may affect the validity of results. The laboratory is not responsible for such information and it is not covered by accreditation.

## Usage of samples

Samples undergoing test have been selected by: The client.

| Id   | Control Number | Description          | Model           | Serial N°      | Date of Reception | Application        |
|------|----------------|----------------------|-----------------|----------------|-------------------|--------------------|
| S/01 | 79405_482.1    | Headunit             | IDCEVO-RSE_EXBX | HBB513S94YA263 | 2025-12-12        | Element Under Test |
|      | 79405_490.1    | Módule Circuit Board | --              | --             | 2025-12-12        | Auxiliary Element  |
|      | 79405_505.1    | Harness              | --              | --             | 2025-12-12        | Auxiliary Element  |
|      | 79405_513.1    | OABR Adapter Cable   | --              | --             | 2025-12-12        | Auxiliary Element  |

## Test sample description

|                                                 |                                  |                                 |                             |                 |                     |          |           |
|-------------------------------------------------|----------------------------------|---------------------------------|-----------------------------|-----------------|---------------------|----------|-----------|
| Ports..... :                                    | <b>Port name and description</b> | <b>Cable</b>                    |                             |                 |                     |          |           |
|                                                 |                                  | <b>Specified max length [m]</b> | <b>Attached during test</b> | <b>Shielded</b> |                     |          |           |
|                                                 | HDMI                             | -                               | X                           | -               |                     |          |           |
|                                                 | USB                              | -                               | X                           | -               |                     |          |           |
|                                                 | Main 16 pol.<br>(Car Connector)  | -                               | X                           | -               |                     |          |           |
|                                                 | CONM 2POL ROS<br>E6S20A-40MT5-D  | -                               | X                           | -               |                     |          |           |
|                                                 | CONM 2POL ROS<br>E6S20A-40MT5-D  | -                               | X                           | -               |                     |          |           |
| Supplementary information to the ports..... :   | -                                |                                 |                             |                 |                     |          |           |
| Rated power supply ..... :                      | <b>Voltage and Frequency</b>     |                                 | <b>Reference poles</b>      |                 |                     |          |           |
|                                                 |                                  |                                 | <b>L1</b>                   | <b>L2</b>       | <b>L3</b>           | <b>N</b> | <b>PE</b> |
|                                                 | AC:                              |                                 |                             |                 |                     |          |           |
|                                                 | X                                | DC: 13.2 V                      |                             |                 |                     |          |           |
| Rated Power..... :                              | -                                |                                 |                             |                 |                     |          |           |
| Clock frequencies..... :                        | -                                |                                 |                             |                 |                     |          |           |
| Other parameters..... :                         | -                                |                                 |                             |                 |                     |          |           |
| Software version..... :                         | -                                |                                 |                             |                 |                     |          |           |
| Hardware version..... :                         | -                                |                                 |                             |                 |                     |          |           |
| Dimensions in cm (W x H x D) ... :              | 170.4 x 41 x 167.45 cm           |                                 |                             |                 |                     |          |           |
| Mounting position ..... :                       |                                  | Table top equipment             |                             |                 |                     |          |           |
|                                                 |                                  | Wall/Ceiling mounted equipment  |                             |                 |                     |          |           |
|                                                 |                                  | Floor standing equipment        |                             |                 |                     |          |           |
|                                                 |                                  | Hand-held equipment             |                             |                 |                     |          |           |
|                                                 | X                                | Other: automotive dashboard     |                             |                 |                     |          |           |
| Modules/parts..... :                            | <b>Module/parts of test item</b> |                                 | <b>Type</b>                 |                 | <b>Manufacturer</b> |          |           |
|                                                 | -                                |                                 | -                           |                 | -                   |          |           |
| Accessories (not part of the test item) ..... : | <b>Description</b>               |                                 | <b>Type</b>                 |                 | <b>Manufacturer</b> |          |           |
|                                                 | -                                |                                 | -                           |                 | -                   |          |           |
| Documents as provided by the applicant..... :   | <b>Description</b>               |                                 | <b>File name</b>            |                 | <b>Issue date</b>   |          |           |
|                                                 | -                                |                                 | -                           |                 | -                   |          |           |

## Identification of the client

Harman Becker Automotive Systems GMBH  
Becker-Goering-STR. 16; 76307 Karlsbad. GERMANY

## Testing period and place

|               |                                                                                                                                                       |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Location | DEKRA TESTING AND CERTIFICATION S.A.U.<br>C/ Margarita Salas Boulevard, 26 - Parque Tecnológico de Andalucía; 29590 Campanillas (Málaga) (Location D) |
| Date (start)  | 2026-04-07                                                                                                                                            |
| Date (finish) | 2026-04-08                                                                                                                                            |

## Document history

| Report number  | Date       | Description                                                                                                                               |
|----------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 79405RRF.016   | 2026-04-21 | First release.                                                                                                                            |
| 79405RRF.016A1 | 2026-06-19 | First modification.<br><br>Antenna gain value for WLAN6GHz has been included.<br><br>This report cancels and replaces report 79405RRF.016 |

## Environmental conditions

In the control chamber, the following limits were not exceeded during the test:

|                   |                              |
|-------------------|------------------------------|
| Temperature       | Min. = 15 °C<br>Max. = 35 °C |
| Relative humidity | Min. = 20 %<br>Max. = 75 %   |

In the semi-anechoic chamber, the following limits were not exceeded during the test.

|                   |                              |
|-------------------|------------------------------|
| Temperature       | Min. = 15 °C<br>Max. = 35 °C |
| Relative humidity | Min. = 20 %<br>Max. = 75 %   |

## Remarks and comments

The tests have been performed by the technical personnel: Álvaro Borrego Robles, Rubén Mora Fernández and Victoria Olmedo Villalba.

Used instrumentation:

| Control No. | Equipment                                  | Model        | Manufacturer                | Next Calibration |
|-------------|--------------------------------------------|--------------|-----------------------------|------------------|
| 10304       | EMI TEST RECEIVER 2Hz-44GHz                | ESW44        | ROHDE AND SCHWARZ           | 2026-10-01       |
| 07040       | EXTENSION FOR OPEN SWITCH UNIT UP TO 40GHz | OSP-B157Wx   | ROHDE AND SCHWARZ           | 2027-08-26       |
| 07763       | HORN ANTENNA 1-18GHz                       | BBHA 9120D   | SCHWARZBECK MESS-ELEKTRONIK | 2029-03-11       |
| 07039       | Rohde&Schwarz                              | OSP-B157W8   | ROHDE AND SCHWARZ           | 2027-08-14       |
| 08130       | SEMIANECHOIC ABSORBER LINED CHAMBER        | P29419       | ALBATROSS                   | --               |
| 08134       | SHIELDED ROOM                              | P29419       | ALBATROSS PROJECTS GMBH     | --               |
| 08661       | SHIELDED ROOM                              | -            | SIEPEL                      | --               |
| 07794       | SIGNAL AND SPECTRUM ANALYZER 10Hz-40GHz    | FSV40        | ROHDE AND SCHWARZ           | 2027-06-10       |
| 04848       | SOFTWARE FOR EMC/RF TESTING                | EMC32        | ROHDE AND SCHWARZ           | --               |
| 07550       | TEMPERATURE AND HUMIDITY PROBE             | HWg-STE      | HW GROUP                    | 2026-04-23       |
| 07549       | TEMPERATURE AND HUMIDITY PROBE             | HWg-STE      | HW GROUP                    | 2026-04-23       |
| 07552       | TEMPERATURE AND HUMIDITY PROBE             | HWg-STE      | HW GROUP                    | 2026-04-23       |
| 07798       | WMS32                                      | WMS32        | ROHDE AND SCHWARZ           | --               |
| 10574       | PRE-AMPLIFIER G>50dB 1-18 GHz              | BLMA 0118-M  | BONN ELEKTRONIK             | 2026-03-07       |
| 07862       | PRE-AMPLIFIER G>30dB 17-40GHz              | BLMA 1840-3G | BONN ELEKTRONIK             | 2026-07-09       |
| 06495       | HORN ANTENNA 18-40GHz                      | BBHA 9170    | SCHWARZBECK                 | 2027-07-11       |
| 09968       | HYBRID BILOG ANTENNA 30MHz-6GHz            | 3142E        | ETS LINDGREN                | 2026-09-22       |

## Sample Calculation

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For radiated measurements:

Values measures by the test receiver / analyzer are converted to field strength, in dBuV/m, at the regulatory distance using the following calculation:

$$\text{Unwanted Lvl (dBuV/m)} = \text{Raw Rec (dBuV)} + \text{Preamp (dB)} + \text{Trd Corre. (dB/m)} + \text{SigPath (dB)}$$

Where,

Raw Rec (dBuV): Measured voltage in the receiver / spectrum analyzer in dBuV

Preamp (dB): Path losses due to preamplifier

Trd Corr. (dB/m): Antenna factor in dB/m

SigPath (dB) = Cable loss (dB) – External Gain amplifier (dB) – Distance factor (dB)

Cable loss (dB): Cable loss

External Gain amplifier (dB): Gain from external amplifier (when used)

Distance factor (dB): Distance factor in dB. When measurement distance is different to limit distance

The field strength, calculated by this way is compared with the regulatory limit.

## Testing verdicts

|                 |     |
|-----------------|-----|
| Not applicable: | N/A |
| Pass:           | P   |
| Fail:           | F   |
| Not measured:   | N/M |

## Summary

### 1. BT EDR, WLAN 2.4 GHz, WLAN 5 GHz, WLAN6:

| FCC 15 / CANADA RSS-247, RSS-Gen PARAGRAPH                                                                                         |         |        |
|------------------------------------------------------------------------------------------------------------------------------------|---------|--------|
| Requirement – Test case                                                                                                            | Verdict | Remark |
| FCC 15.31 (h), 15.209 (a), 15.247 (d), 15.407 (b) /<br>RSS-247 6.6, 7.3.1.3 and 7.3.2.3, RSS-Gen 8.9                               | P       | (1)    |
| <b>Supplementary information and remarks:</b><br>(1) Only simultaneous transmission radiated spurious emission test was requested. |         |        |

# Appendix A: Test results

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FCC 15.31 (h), 15.209 (a), 15.247 (d), 15.407 (b), 22.917 (a), 24.238 (a), 27.53 (m) (4) RSS-132 5.5,  
RSS-133 6.5, RSS-199 5.6, RSS-247 6.6, 7.3.1.3 and 7.3.2.3, RSS-Gen 8.9 Emission limitations  
radiated (Transmitter).....16

## TEST CONDITIONS

(\*): Data provided by the Applicant.

### POWER SUPPLY (\*):

Vnominal: 12Vdc

Type of Power Supply: External power supply (Vehicle Battery)

### ANTENNA (\*):

Type of Antenna: Internal antenna.

Maximum Declared Antenna Gain:

|               |          |
|---------------|----------|
| BT:           | 4.7 dBi  |
| WLAN 2.4 GHz: | 5.2 dBi  |
| WLAN 5 GHz:   | 5.54 dBi |
| WLAN 6 GHz:   | 6.00 dBi |

### TEST FREQUENCIES:

| Frequency range | Technologies  | Modulations                             | Worst case                                   |
|-----------------|---------------|-----------------------------------------|----------------------------------------------|
| 2.4 GHz         | Bluetooth EDR | Bluetooth EDR (GFSK, Pi/4-DQPSK, 8DPSK) | Bluetooth EDR (Low Channel, GFSK)            |
|                 | WLAN 2.4 GHz  | WLAN 2.4 GHz (802.11 bgn20)             | WLAN 2.4 GHz (Low Channel, 802.11 b)         |
| f > 5 GHz       | WLAN 5 GHz    | WLAN 5 GHz (a, ac, n, ax)               | WLAN 5 GHz U-NII-3. a20, High Channel (SISO) |
|                 | WLAN 6 GHz    | WLAN 6 GHz (a, ac, n, ax)               | WIFI 6GHz A20 Ch2 (SISO)                     |

The test set-up was made according to the general provisions of FCC 558074 D01 15.247 Meas Guidance v05r02 dated April 2, 2019.

The EUT was tested in the following operating mode during the transmitter tests:

## TEST FREQUENCIES FOR SIMULTANEOUS TRANSMISSION MODE RADIATED TESTS:

The EUT was configured to simultaneously transmit the following signals at maximum output power:

- 1. Simultaneous transmission mode 01: BT + WLAN 5G with the EUT configured to simultaneously transmit all these signals at maximum output power**
  - BTEDR1DH5 CHLow
  - WIFI 5GHz UNII3 A20 ChHigh (SISO)
- 2. Simultaneous transmission mode 02: BT + WLAN 2G4 with the EUT configured to simultaneously transmit all these signals at maximum output power**
  - BTEDR1DH5 CHLow
  - WIFI 2,4 B CHLow
- 3. Simultaneous transmission mode 03: BT + WLAN 6G with the EUT configured to simultaneously transmit all these signals at maximum output power**
  - BTEDR1DH5 CHLow
  - WIFI 6GHz A20 Ch2 (SISO)

### Tables:

#### Spectrum Analyzer Parameters

| Subrange        | Step Size  | Detectors | Bandwidth | Sweep Time | Preamp |
|-----------------|------------|-----------|-----------|------------|--------|
| 30 MHz - 1 GHz  | 4,85 kHz   | PK+       | 100 kHz   | 1 s        | 30 dB  |
| 1 GHz - 3 GHz   | 66,667 kHz | PK+; AVG  | 1 MHz     | 1 s        | 0 dB   |
| 3 GHz - 7 GHz   | 200 kHz    | PK+; AVG  | 1 MHz     | 1 s        | 0 dB   |
| 7 GHz - 17 GHz  | 500 kHz    | PK+; AVG  | 1 MHz     | 1 s        | 0 dB   |
| 17 GHz - 26 GHz | 500 kHz    | PK+; AVG  | 1 MHz     | 1 s        | 0 dB   |
| 26 GHz - 40 GHz | 500 kHz    | PK+; AVG  | 1 MHz     | 1 s        | 0 dB   |

FCC 15.31 (h), 15.209 (a), 15.247 (d), 15.407 (b), 22.917 (a), 24.238 (a), 27.53 (m) (4)  
RSS-132 5.5, RSS-133 6.5, RSS-199 5.6, RSS-247 6.6, 7.3.1.3 and 7.3.2.3, RSS-Gen 8.9  
Emission limitations radiated (Transmitter)

**Limits:**

**Bluetooth EDR, WLAN 2.4 GHz, WLAN 5 GHz, WLAN 6 GHz:**

Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c) / RSS-Gen):

| Frequency Range (MHz) | Field strength (µV/m) | Field strength (dBµV/m) | Measurement distance (m) |
|-----------------------|-----------------------|-------------------------|--------------------------|
| 0.009-0.490           | 2400/F(kHz)           | -                       | 300                      |
| 0.490-1.705           | 24000/F(kHz)          | -                       | 30                       |
| 1.705 - 30.0          | 30                    | -                       | 30                       |
| 30 - 88               | 100                   | 40                      | 3                        |
| 88 - 216              | 150                   | 43.5                    | 3                        |
| 216 - 960             | 200                   | 46                      | 3                        |
| 960 - 25000           | 500                   | 54                      | 3                        |

The emission limits shown in the above table are based on measurements employing CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

For average radiated emission measurements above 1000 MHz, there is also a limit specified when measuring with peak detector function corresponding to 20 dB above the indicated values in the table above.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz (68.23 dBµV/m at 3 m distance) at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

RSS-247. Attenuation below the general field strength limits specified in RSS-Gen is not required.

**Method:**

The measurement was performed with the EUT inside a semi-anechoic chamber.

The spectrum was scanned from 30 MHz to at least the 10th harmonic of the highest frequency of the co-located radios up to 40 GHz.

The EUT was placed on a non-conductive stand at a 3-meter distance from the measuring antenna for measurements up to 17 GHz and at 1.5-meter distance for measurements above 17 GHz.

Detected emissions were maximized at each frequency by rotating the EUT and adjusting the measuring antenna height and polarization. The maximum meter reading was recorded. Measurements were made in both horizontal and vertical planes of polarization.

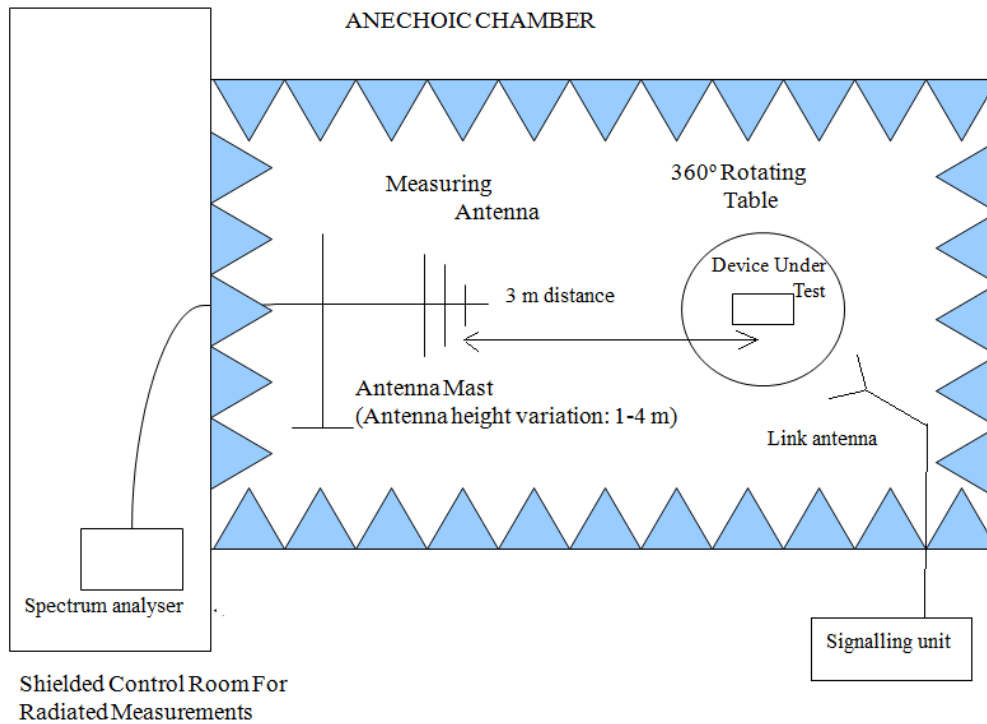
The field strength is calculated by adding correction factor to the measured level from the spectrum analyzer. This correction factor includes antenna factor, cable loss and pre-amplifiers gain.

For radiated measurements above 17 GHz performed at a distance closer than the distance specified in standard, an inverse proportionality factor of 20 dB per decade is used to normalize the measured data for determining compliance.

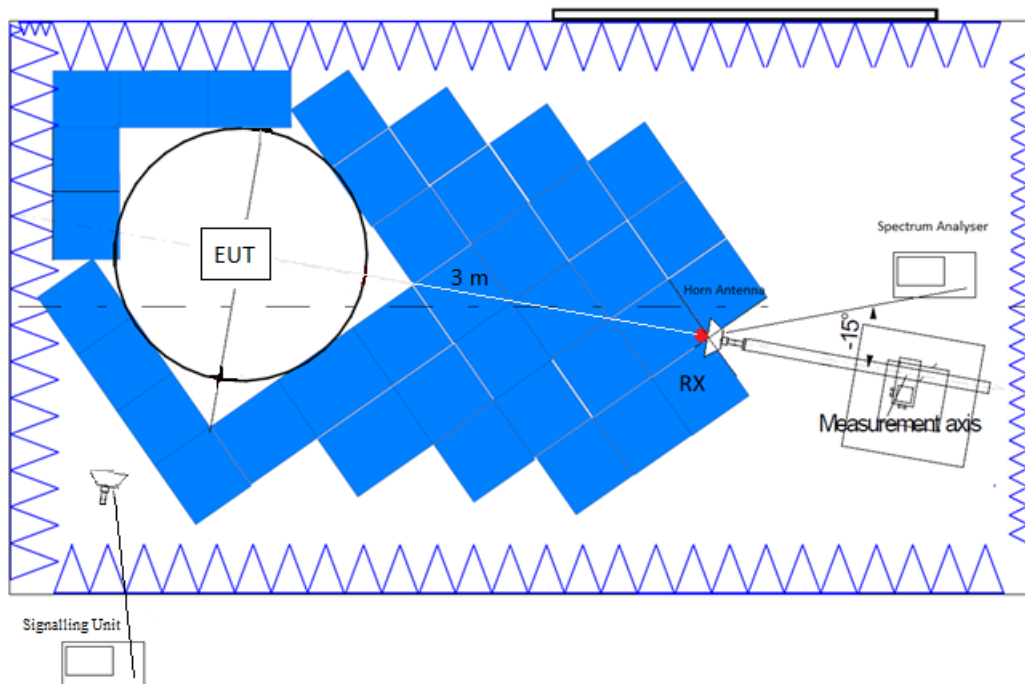
These measurements have been performed in order to check the impact of the Co-Location of all radio interfaces (that can transmit simultaneously).

### Test setup:

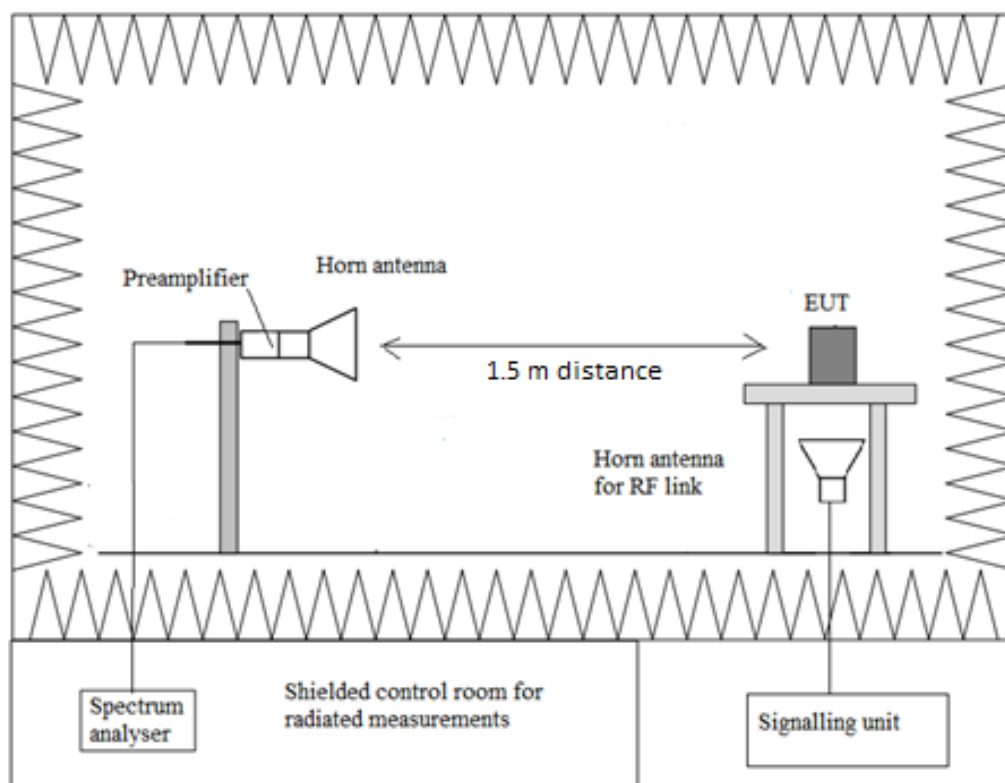
Radiated measurements below 1 GHz.



Radiated measurements between 1 GHz and 17 GHz.



## Radiated measurements above 17 GHz.



**Results:**

**1. Simultaneous transmission mode 01: BT + WLAN 5G**

- BTEDR1DH5 CHLow
- WIFI 5GHz UNII3 A20 ChHigh (SISO)

**Frequency range 30 MHz - 1 GHz:**

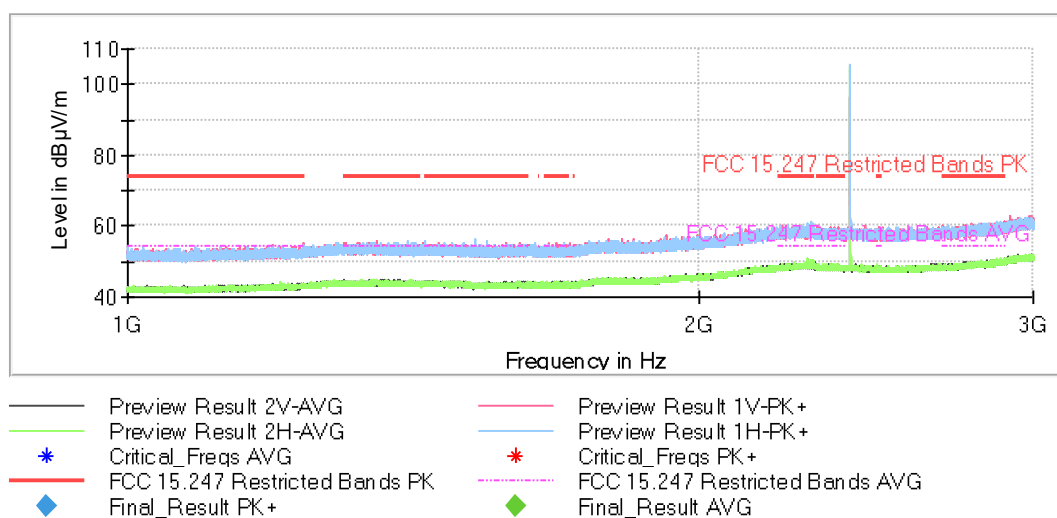
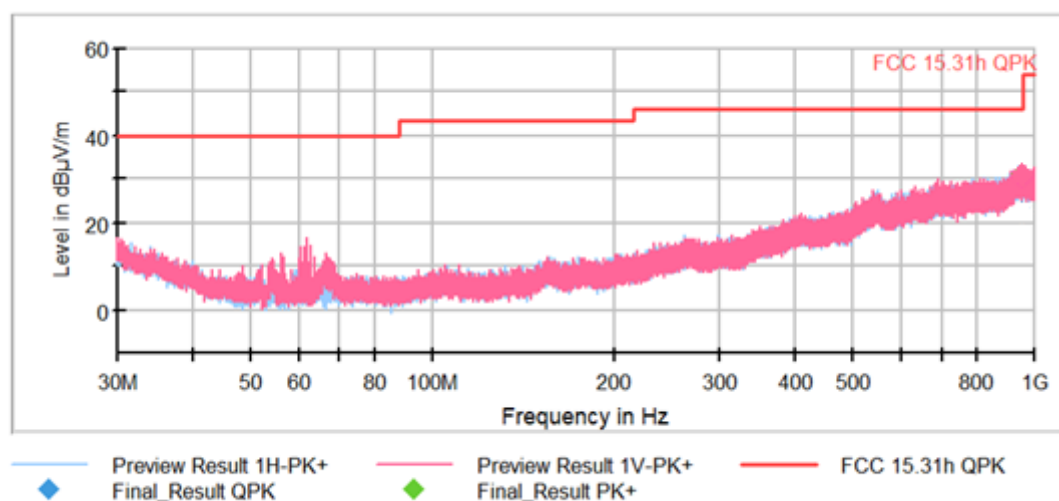
See graphics

**Frequency range 1 - 40 GHz:**

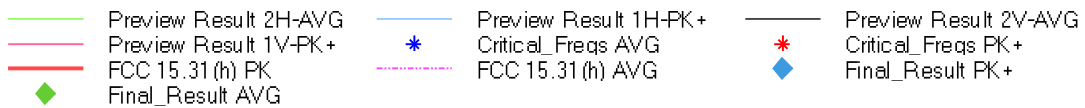
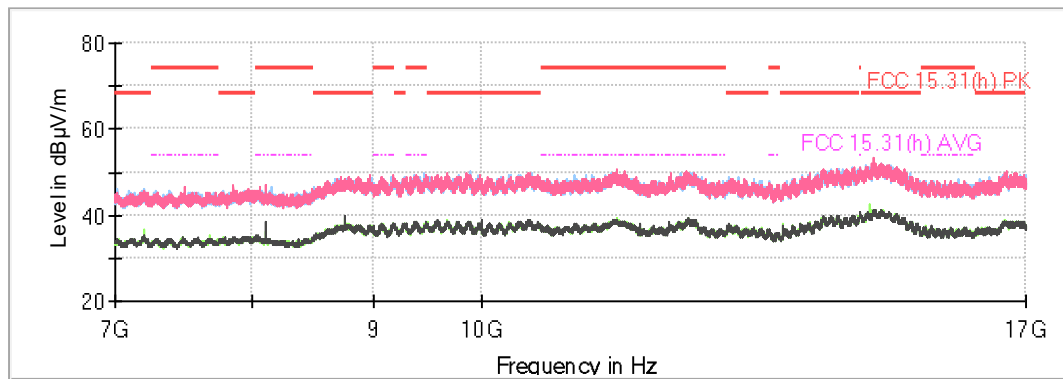
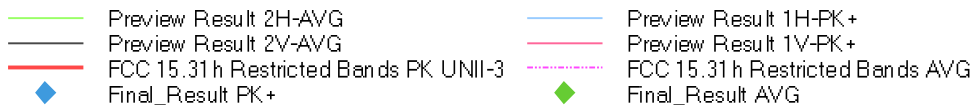
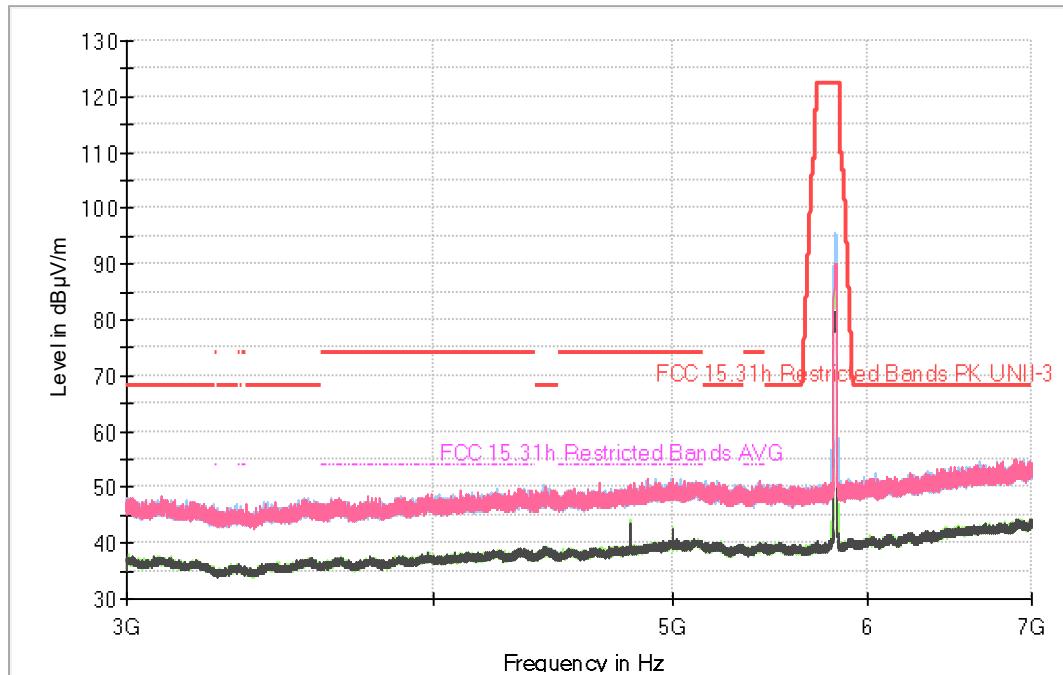
See graphics

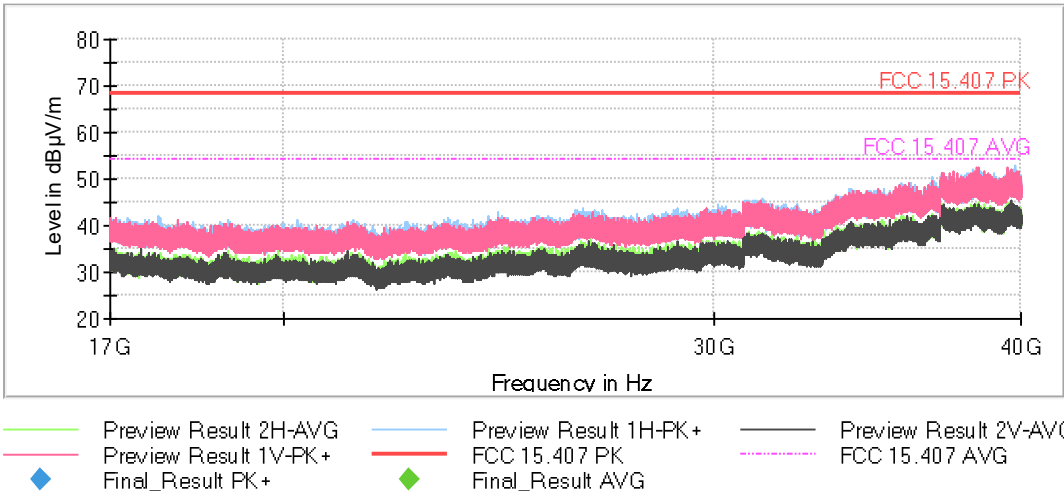
**Verdict**

Pass



# Full Spectrum





## 2. Simultaneous transmission mode 02: BT + WLAN 2G4

- BTEDR1DH5 CHLow
- WIFI 2,4 B CHLow

### Frequency range 30 MHz - 1 GHz:

See graphics

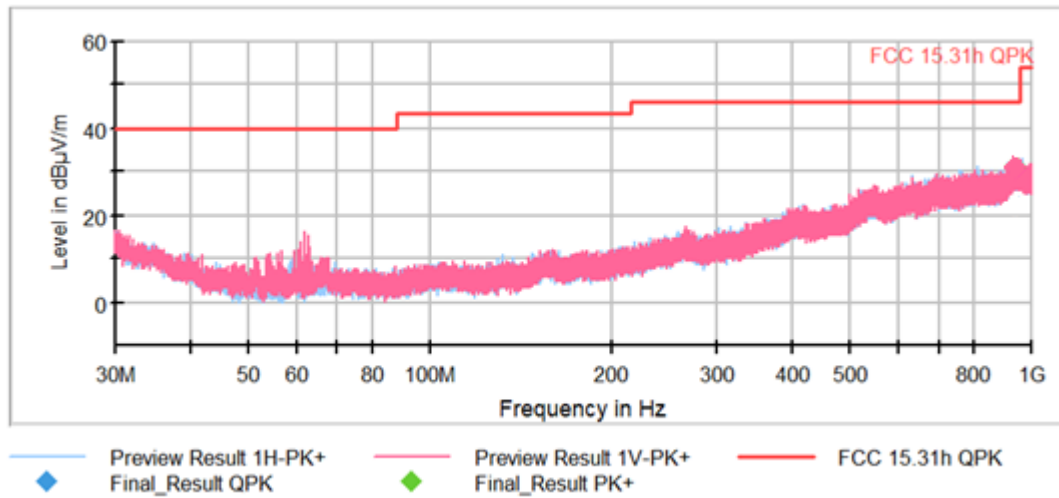
### Frequency range 1 - 26 GHz:

See graphics

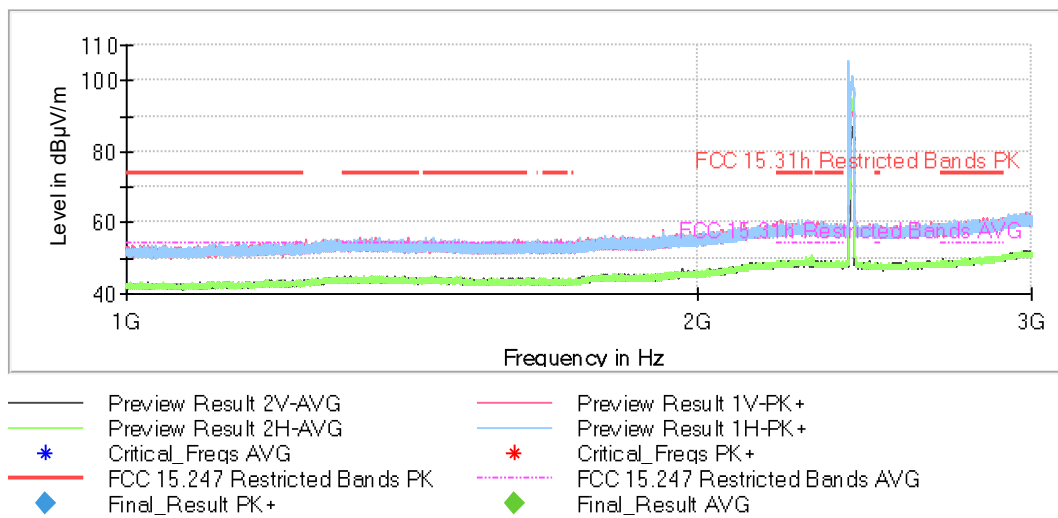
### **Verdict**

Pass

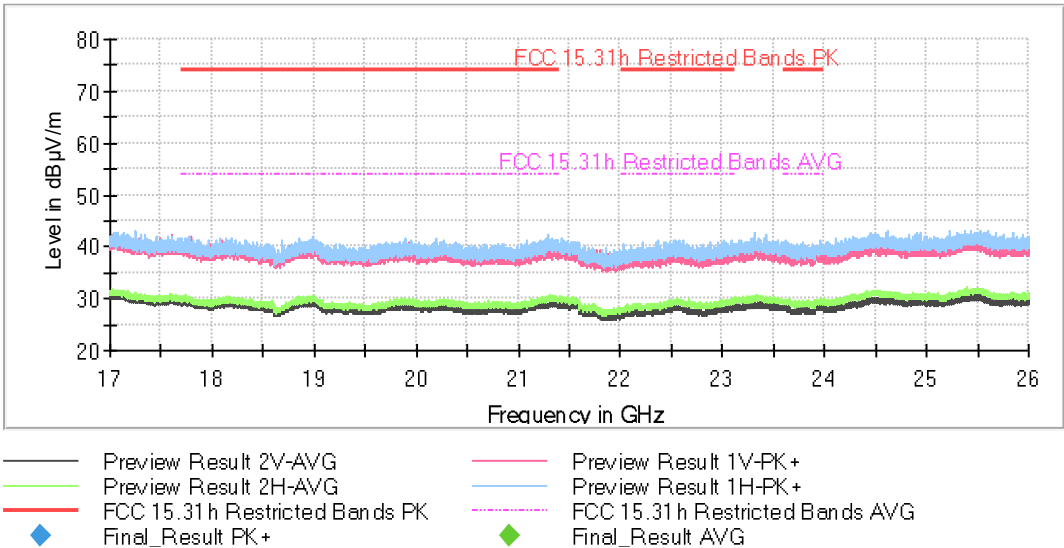
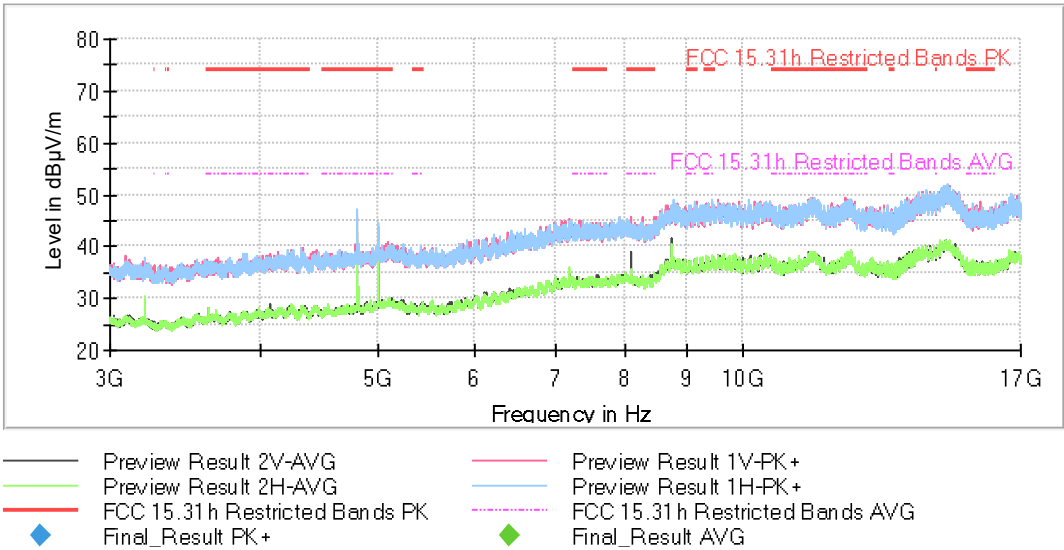
## FREQUENCY RANGE 30 MHz - 1 GHz:



## FREQUENCY RANGE 1 - 26 GHz:



The peaks above the limit are the BT and WLAN carrier



### 3. Simultaneous transmission mode 02: BT + WLAN 6G

- BTEDR1DH5 CHLow
- WIFI 6GHz A20 Ch2 (SISO)

#### Frequency range 30 MHz - 1 GHz:

See graphics

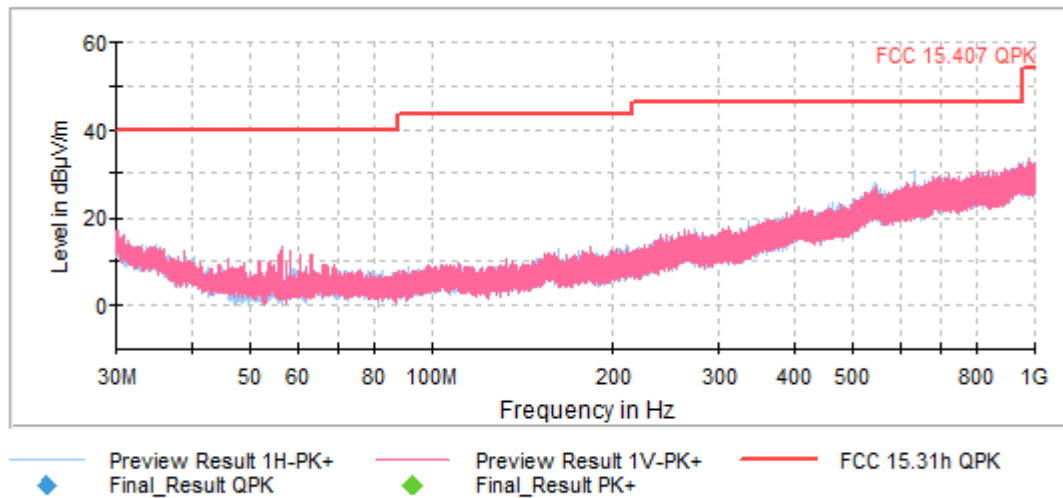
#### Frequency range 1 - 40 GHz:

See graphics

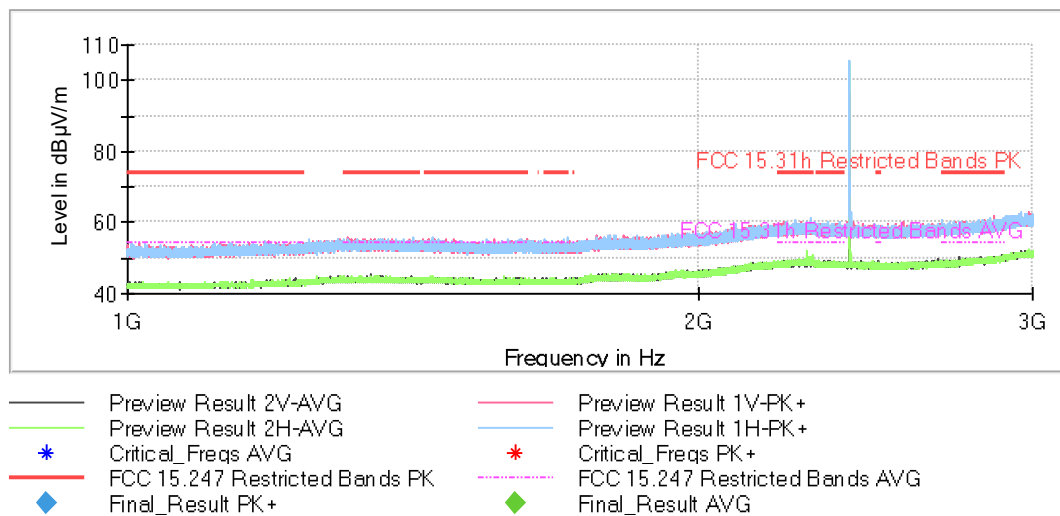
#### **Verdict**

Pass

## FREQUENCY RANGE 30 MHz - 1 GHz:

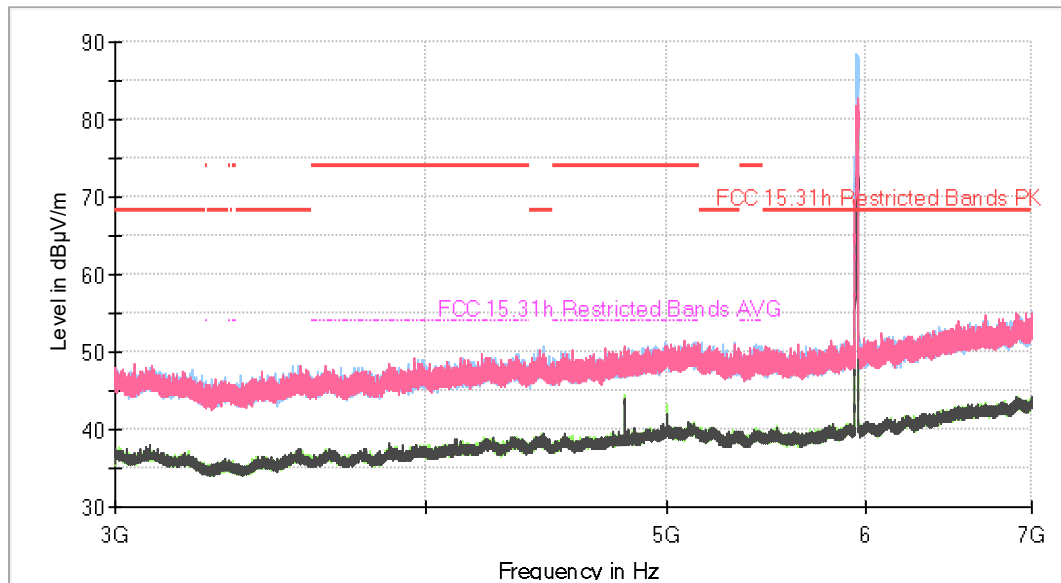


## FREQUENCY RANGE 1 - 40 GHz:



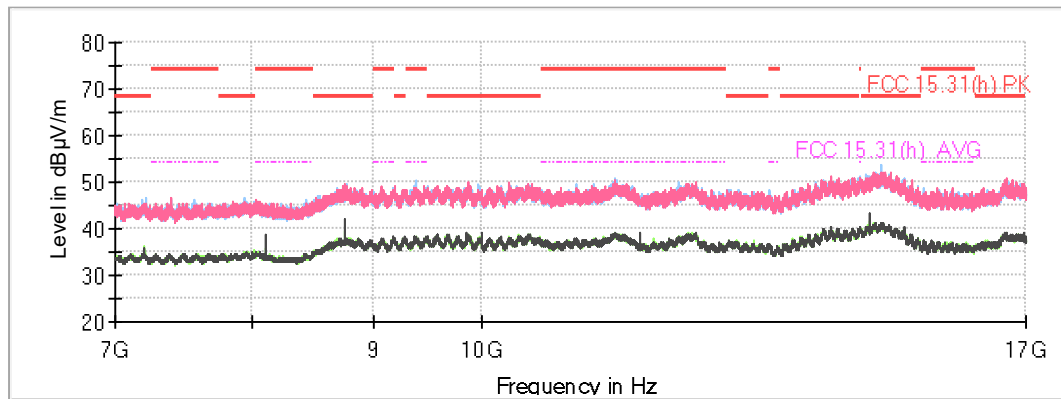
The peak above the limit is the BT carrier

Full Spectrum



- Preview Result 2H-AVG
- Preview Result 1H-PK+
- Preview Result 2V-AVG
- Preview Result 1V-PK+
- FCC 15.31 h Restricted Bands PK UNII-1 and UNII-2
- FCC 15.31 h Restricted Bands AVG
- Final\_Result PK+
- Final\_Result AVG

The peak above the limit is the WLAN carrier



- Preview Result 2H-AVG
- Preview Result 1H-PK+
- Preview Result 2V-AVG
- Preview Result 1V-PK+
- FCC 15.31(h) PK
- FCC 15.31(h) AVG
- Final\_Result PK+
- Final\_Result AVG

