



# TEST REPORT

**Test Report No. :** UL-RPT-RP16171218JD05C

**Applicant\*** : Apple Inc.  
**Model No.\*** : A3534  
**FCC ID\*** : BCGA3534  
**Technology** : NB-FHSS / U-NII-1  
**Test Standard(s)** : FCC Parts 15.35(c), 15.209(a) & 15.407

**Test Laboratory** : UL International (UK) Ltd, Basingstoke, Hampshire, RG24 8AH, United Kingdom

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2. The results in this report apply only to the sample(s) tested.
3. The sample tested is in compliance with the above standard(s).
4. The test results in this report are traceable to the national or international standards.
5. All information marked with (\*) was provided by the Customer, Applicant or Authorised representative
6. Version 3.0 supersedes all previous versions.

**Date of Issue:** 11 August 2026

**Checked by:**

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**Applicant Information**

|                       |                                                             |
|-----------------------|-------------------------------------------------------------|
| <b>Company Name*:</b> | Apple Inc.                                                  |
| <b>Address*:</b>      | One Apple Park Way<br>Cupertino, California 95014<br>U.S.A. |
| <b>Contact Name*:</b> | Stuart Thomas                                               |

**Report Revision History**

| <b>Version Number</b> | <b>Issue Date</b> | <b>Revision Details</b> | <b>Revised By</b> |
|-----------------------|-------------------|-------------------------|-------------------|
| 1.0                   | 08/07/2026        | Initial Version         | Sarah Williams    |
| 2.0                   | 23/07/2026        | Admin update            | Sarah Williams    |
| 3.0                   | 11/08/2026        | Address TCB feedback    | Sarah Williams    |

## **Table of Contents**

|                                                  |            |
|--------------------------------------------------|------------|
| <b>Applicant Information .....</b>               | <b>2</b>   |
| <b>Report Revision History .....</b>             | <b>2</b>   |
| <b>Table of Contents.....</b>                    | <b>3</b>   |
| <b>1 Attestation of Test Results.....</b>        | <b>4</b>   |
| 1.1 Description of EUT                           | 4          |
| 1.2 General Information                          | 4          |
| 1.3 Summary of Test Results                      | 4          |
| 1.4 Deviations from the Test Specification       | 4          |
| <b>2 Summary of Testing.....</b>                 | <b>5</b>   |
| 2.1 Facilities and Accreditation                 | 5          |
| 2.2 Methods and Procedures                       | 5          |
| 2.3 Calibration and Uncertainty                  | 6          |
| 2.4 Sample Calculation                           | 7          |
| 2.5 Test and Measurement Equipment               | 8          |
| <b>3 Equipment Under Test (EUT) .....</b>        | <b>11</b>  |
| 3.1 Identification of Equipment Under Test (EUT) | 11         |
| 3.2 Modifications Incorporated in the EUT        | 11         |
| 3.3 Additional Information Related to Testing    | 11         |
| 3.4 Description of Available Antennas            | 13         |
| 3.5 Description of Test Setup                    | 14         |
| <b>4 Antenna Port Test Results .....</b>         | <b>18</b>  |
| 4.1 Duty Cycle                                   | 18         |
| 4.2 26 dB Bandwidth                              | 22         |
| 4.3 Maximum Conducted Output Power               | 50         |
| 4.4 Maximum Power Spectral Density               | 77         |
| <b>5 Radiated Test Results.....</b>              | <b>107</b> |
| 5.1 Duty Cycle                                   | 107        |
| 5.2 Out of Band Radiated Emissions <1 GHz        | 109        |
| 5.3 Out of Band Radiated Emissions >1 GHz        | 111        |
| 5.4 Band Edge Radiated Emissions                 | 114        |

## **1 Attestation of Test Results**

### **1.1 Description of EUT**

The equipment under test (EUT) was a desktop computer.\*

### **1.2 General Information**

|                                  |                                                                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Specification Reference:</b>  | 47CFR15.407                                                                                                                                                  |
| <b>Specification Title:</b>      | Code of Federal Regulations Volume 47 (Telecommunication):<br>Part 15 Subpart E (Unlicensed National Information Infrastructure Devices)<br>– Section 15.407 |
| <b>Specification Reference:</b>  | 47CFR15.209                                                                                                                                                  |
| <b>Specification Title:</b>      | Code of Federal Regulations Volume 47 (Telecommunications):<br>Part 15 Subpart C (Intentional Radiators) – Section 15.209                                    |
| <b>Site Registration:</b>        | 685609                                                                                                                                                       |
| <b>FCC Lab. Designation No.:</b> | UK2011                                                                                                                                                       |
| <b>Location of Testing:</b>      | Units 3 & 4 Horizon, Wade Road, Kingsland Business Park, Basingstoke,<br>Hampshire, RG24 8AH, United Kingdom                                                 |
| <b>Test Dates:</b>               | 11 April 2026 to 11 June 2026                                                                                                                                |

### **1.3 Summary of Test Results**

| <b>FCC Clause (47CFR)</b>  | <b>Transmitter Measurement</b> | <b>Result</b> |
|----------------------------|--------------------------------|---------------|
| Part 15.35(c)              | Duty Cycle                     | Note 1        |
| Part 15.403                | 26 dB Emission Bandwidth       | Complied      |
| Part 15.407(a)             | Maximum Conducted Output Power | Complied      |
| Part 15.407(a)             | Maximum Power Spectral Density | Complied      |
| Part 15.407(b) / 15.209(a) | Out of Band Radiated Emissions | Complied      |
| Part 15.407(b) / 15.209(a) | Band Edge Radiated Emissions   | Complied      |
| Part 15.407(h)(1)          | Transmitter Power Control      | Note 2        |

#### **Note(s):**

1. Reporting purposes only.
2. Transmit Power Control was not tested as the maximum EIRP is less than 500 mW (27 dBm).

### **1.4 Deviations from the Test Specification**

For the measurements contained within this test report, there were no deviations from, additions to, or exclusions from the test specification identified above.

## **2 Summary of Testing**

### **2.1 Facilities and Accreditation**

The test site and measurement facilities used to collect data are located at Units 3 & 4 Horizon, Wade Road, Kingsland Business Park, Basingstoke, Hampshire, RG24 8AH, United Kingdom. The following table identifies which facilities were utilised for radiated emission measurements documented in this report. Specific facilities are also identified in the test results sections.

|         |   |
|---------|---|
| Site 1  | - |
| Site 17 | - |
| Site 32 | X |
| Site 33 | X |

UL International (UK) Ltd is accredited by the United Kingdom Accreditation Service (UKAS). UKAS is one of the signatories to the International Laboratory Accreditation Co-operation (ILAC) Arrangement for the mutual recognition of test reports. The tests reported herein have been performed in accordance with its terms of accreditation.

### **2.2 Methods and Procedures**

|                   |                                                                                                                        |
|-------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Reference:</b> | ANSI C63.10-2020                                                                                                       |
| <b>Title:</b>     | American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices                         |
| <b>Reference:</b> | #ANSI C63.10-2020/Cor1-2023                                                                                            |
| <b>Title:</b>     | American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices – Corrigendum 1         |
| <b>Reference:</b> | #ANSI C63.10-2020+C63.10a-2024                                                                                         |
| <b>Title:</b>     | American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices – Amendment 1           |
| <b>Reference:</b> | #ANSI C63.10-2020+Errata to C63.10a-2024                                                                               |
| <b>Title:</b>     | Errata to American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices – Amendment 1 |

*#The use of ANSI C63.10-2020/Cor1-2023 and C63.10a-2024 does not deviate from the testing procedures of ANSI C63.10-2020*

## **2.3 Calibration and Uncertainty**

### **Measuring Instrument Calibration**

In accordance with UKAS requirements all the measurement equipment is on a calibration schedule. All equipment was within the calibration period on the date of testing.

### **Measurement Uncertainty & Decision Rule**

#### **Overview**

No measurement or test can ever be perfect and the imperfections give rise to error of measurement in the results. Consequently the result of a measurement is only an approximation to the value of the measurand (the specific quantity subject to measurement) and is only complete when accompanied by a statement of the uncertainty of the approximation.

The expression of uncertainty of a measurement result allows realistic comparison of results with reference values and limits given in specifications and standards.

#### **Decision Rule**

Measurement system instrumentation shall be used with an accuracy specification meeting the accuracy specification limits according to IEC/IECEE OD-5014.

As applicable, unless specified otherwise in this quotation, the compliance "Decision Rule" is based on Simple Acceptance. If the measured value is on the limit, the result is defined as a pass. For further information regarding risk assessment refer to ILAC G8:09/2019.

#### **Measurement Uncertainty**

The reported expanded uncertainties below are based on a standard uncertainty multiplied by an appropriate coverage factor such that a confidence level of approximately 95% is maintained. For the purposes of this document "approximately" is interpreted as meaning "effectively" or "for most practical purposes".

| Measurement Type                      | Range                 | Confidence Level (%) | Calculated Uncertainty |
|---------------------------------------|-----------------------|----------------------|------------------------|
| Duty Cycle                            | 5.15 GHz to 5.850 GHz | 95%                  | ±1.14 %                |
| 26 dB Emission Bandwidth              | 5.15 GHz to 5.850 GHz | 95%                  | ±3.27 %                |
| Maximum Conducted Output Power / EIRP | 5.15 GHz to 5.850 GHz | 95%                  | ±0.61 dB               |
| Maximum Power Spectral Density        | 5.15 GHz to 5.850 GHz | 95%                  | ±1.25 dB               |
| Radiated Spurious Emissions           | 30 MHz to 1 GHz       | 95%                  | ±4.66 dB               |
| Radiated Spurious Emissions           | 1 GHz to 40 GHz       | 95%                  | ±5.06 dB               |

The methods used to calculate the above uncertainties are in line with those recommended within the various measurement specifications. Where measurement specifications do not include guidelines for the evaluation of measurement uncertainty the published guidance of the appropriate accreditation body is followed.

## **2.4 Sample Calculation**

Where relevant, the following calculations were used:

### **Antenna Port**

- The following equation is used to calculate the duty cycle correction factor:

$$10 \log (1 / (\text{On Time} / [\text{Period or } 100 \text{ ms whichever is the lesser}])))$$

### **Radiated Emissions**

- The recorded emission level was calculated from the level indicated by the measuring receiver, adjusted by a transducer factor (TDF in dB), using the formula:

$$\text{TDF (dB)} = C_{\text{Att}} (\text{dB}) + \text{AF (dB/m)} - P_{\text{Gain}} (\text{dB}) + D_{\text{Cor}} (\text{dB})$$

Where:

$C_{\text{Att}}$ : conducted path attenuation (cables + attenuators)

AF: antenna factor

$P_{\text{Gain}}$ : external preamplifier gain

$D_{\text{Cor}}$ : distance correction factor (where applicable)

- The following equation can be used to convert from field strength to EIRP if measured at a distance of 3 metres:

$$\text{EIRP [dBm]} = \text{Field Strength [dB}\mu\text{V/m]} - 95.2$$

- The following equation can be used to calculate the duty cycle in the time domain:

$$10 \log (1 / (\text{On Time} / [\text{Period or } 100 \text{ ms whichever is the lesser}])))$$

### **Directional Antenna Gain Calculations for Beamforming**

For 2Tx TXBF modes, in accordance with ANSI C63.10 Section 14.6.3.2.4a), directional gain was calculated as:

$$\text{Directional gain} = 10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{\text{ANT}}] = \text{dBi}$$

## **2.5 Test and Measurement Equipment**

### **Test Equipment Used for Conducted Tests**

| <b>Asset No.</b> | <b>Instrument</b> | <b>Manufacturer</b> | <b>Type No.</b> | <b>Serial No.</b> | <b>Date Calibration Due</b> | <b>Cal. Interval (Months)</b> |
|------------------|-------------------|---------------------|-----------------|-------------------|-----------------------------|-------------------------------|
| M2042            | Thermohygrometer  | Testo               | 608-H1          | 45124926          | 18 Dec 2026                 | 12                            |
| M231909          | Signal Analyser   | Keysight            | N9020B          | MY63430168        | 01 Oct 2026                 | 12                            |
| A237327          | Attenuator        | Pasternack          | PE7013-10       | #18               | Calibrated before use       | -                             |
| A237328          | Attenuator        | Pasternack          | PE7013-10       | #19               | Calibrated before use       | -                             |
| M215600          | Power Sensor      | Boonton             | RTP5008         | 11837             | 15 Sep 2026                 | 12                            |
| M225503          | Power Sensor      | Boonton             | RTP5008         | 12324             | 24 Mar 2027                 | 12                            |
| A231993          | Switching Unit    | Mini-Circuits       | ZT-400          | 12211020014       | Calibrated before use       | -                             |
| M241601          | Network Analyser  | Keysight            | P5007B          | MY61100200        | 02 Oct 2026                 | 12                            |

### **Test Measurement Software/Firmware Used for Conducted Tests**

| <b>Name</b> | <b>Version</b> | <b>Release Date</b> |
|-------------|----------------|---------------------|
| Phoenix     | 5.0.17         | 27 April 2026       |

**Test and Measurement Equipment (continued)****Test Equipment Used for Radiated Emissions Tests**

| <b>Asset No.</b> | <b>Instrument</b>        | <b>Manufacturer</b> | <b>Type No.</b>         | <b>Serial No.</b> | <b>Date Calibration Due</b> | <b>Cal. Interval (Months)</b> |
|------------------|--------------------------|---------------------|-------------------------|-------------------|-----------------------------|-------------------------------|
| M226556          | Thermohygrometer         | Testo               | 608-H1                  | 83800306          | 17 Dec 2026                 | 12                            |
| K226203          | 3m RSE Chamber           | Albatross Projects  | N/A                     | N/A               | 07 Jul 2026                 | 12                            |
| M274016          | Test Receiver            | Rohde & Schwarz     | ESW44                   | 103584            | 17 Dec 2026                 | 12                            |
| A266802          | Signal Conditioning Unit | Link Microtek       | AMUNIT-SCB-UL1          | 16817             | 16 Jul 2026                 | 12                            |
| A231567          | Pre-Amplifier            | RF Bay              | LNA-1070                | 2                 | 07 Jul 2026                 | 12                            |
| A230567          | Pre-Amplifier            | Atlantic Microwave  | A-HPAKX-380143-K5K5     | VJ3601001         | 07 Jul 2026                 | 12                            |
| A3161            | Antenna                  | Teseq               | CBL6111D                | 50859             | 21 Aug 2026                 | 12                            |
| A231044          | Antenna                  | Schwarzbeck         | BBHA 9120 B             | 00835             | 07 Jul 2026                 | 12                            |
| A231045          | Antenna                  | Schwarzbeck         | HWRD 750                | 00064             | 07 Jul 2026                 | 12                            |
| A231050          | Antenna                  | Schwarzbeck         | BBHA 9170               | 01280             | 07 Jul 2026                 | 12                            |
| A3113            | Attenuator               | AltanTecRF          | AN18-06                 | 219706#3          | 21 Aug 2026                 | 12                            |
| A227145          | Low Pass Filter          | AltanTecRF          | Micro-Tronics           | LPM21015          | 07 Jul 2026                 | 12                            |
| C227002          | RF Cable                 | Huber + Suhner      | SF126EA/11N/1 1N/6000mm | 520901            | 07 Jul 2026                 | 12                            |
| C226916          | RF Cable                 | Huber + Suhner      | SF126EA/11N/1 1N/4000mm | 520384            | 07 Jul 2026                 | 12                            |
| C226955          | RF Cable                 | Huber + Suhner      | SF126EA/11N/1 1N/2000   | 520363/126EA      | 07 Jul 2026                 | 12                            |
| C226942          | RF Cable                 | Huber + Suhner      | SF126EA/11N/1 1N/800    | 520358/126EA      | 07 Jul 2026                 | 12                            |
| C267843          | RF Cable                 | Huber + Suhner      | SF526EA/11N/1 1N/7000   | 3458770001        | 06 Nov 2026                 | 12                            |
| C226957          | RF Cable                 | Huber + Suhner      | SF126EA/11N/1 1N/2000   | 520366            | 06 Nov 2026                 | 12                            |
| C223506          | RF Cable                 | Schwarzbeck         | AK 9540-2.0             | 00035             | 07 Jul 2026                 | 12                            |
| C223502          | RF Cable                 | Schwarzbeck         | AK 9540-0.6             | 00029             | 07 Jul 2026                 | 12                            |

**Test and Measurement Equipment (continued)****Test Equipment Used for Duty Cycle & Band Edge Radiated Emissions Tests**

| Asset No. | Instrument               | Manufacturer       | Type No.              | Serial No. | Date Calibration Due | Cal. Interval (Months) |
|-----------|--------------------------|--------------------|-----------------------|------------|----------------------|------------------------|
| M226556   | Thermohygrometer         | Testo              | 608-H1                | 83800306   | 17 Dec 2026          | 12                     |
| K226203   | 3m RSE Chamber           | Albatross Projects | N/A                   | N/A        | 07 Jul 2026          | 12                     |
| M274016   | Test Receiver            | Rohde & Schwarz    | ESW44                 | 103584     | 17 Dec 2026          | 12                     |
| A266802   | Signal Conditioning Unit | Link Microtek      | AMUNIT-SCB-UL1        | 16817      | 16 Jul 2026          | 12                     |
| A231044   | Antenna                  | Schwarzbeck        | BBHA 9120 B           | 00835      | 07 Jul 2026          | 12                     |
| C267843   | RF Cable                 | Huber + Suhner     | SF526EA/11N/11 N/7000 | 3458770001 | 06 Nov 2026          | 12                     |
| C226957   | RF Cable                 | Huber + Suhner     | SF126EA/11N/11 N/2000 | 520366     | 06 Nov 2026          | 12                     |

**Test Measurement Software/Firmware Used for Radiated Tests**

| Name             | Version         | Release Date                  |
|------------------|-----------------|-------------------------------|
| Phoenix Core     | 5.0.11 & 5.0.12 | 08 April 2026 & 16 April 2026 |
| Phoenix Radiated | 5.1.3           | 10 April 2026                 |

### **3 Equipment Under Test (EUT)**

#### **3.1 Identification of Equipment Under Test (EUT)**

|                               |          |
|-------------------------------|----------|
| <b>Brand Name*:</b>           | Apple    |
| <b>Model Name or Number*:</b> | A3534    |
| <b>FCC ID*:</b>               | BCGA3534 |

| <b>Test Sample Serial Number*:</b> | <b>Hardware Version*:</b> | <b>Software Version*:</b> | <b>Date of Receipt:</b> |
|------------------------------------|---------------------------|---------------------------|-------------------------|
| KQH4V6G739 ( <i>Conducted #1</i> ) | REV 1.0                   | 26A259                    | 16 April 2026           |
| G14HWWN6X4 ( <i>Radiated #1</i> )  | REV 1.0                   | 26A259                    | 23 March 2026           |
| PK2K7963XX ( <i>Radiated #2</i> )  | REV 1.0                   | 26A259                    | 23 March 2026           |
| L5Q6J36Y22 ( <i>Radiated #3</i> )  | REV 1.0                   | 26A285                    | 23 March 2026           |

#### **3.2 Modifications Incorporated in the EUT**

No modifications were applied to the EUT during testing.

#### **3.3 Additional Information Related to Testing**

|                                        |                                       |
|----------------------------------------|---------------------------------------|
| <b>Technology Tested:</b>              | NarrowBand FHSS                       |
| <b>Type of Unit:</b>                   | Transceiver                           |
| <b>Power Supply Requirement(s)*:</b>   | 12 VDC via 120 VAC 60 Hz AC/DC supply |
| <b>Channel Bandwidth(s):</b>           | 1, 2, 4 & 8 MHz                       |
| <b>Maximum Conducted Output Power:</b> | 15.92 dBm                             |

**Additional Information Related to Testing (continued)**

| <b>Mode*</b>                  | <b>Modulation*</b> | <b>Packet Type<br/>(Maximum Payload)*</b> | <b>Data Rate<br/>(Mbps)*</b> |
|-------------------------------|--------------------|-------------------------------------------|------------------------------|
| Basic Rate                    | GFSK               | DH5                                       | 1                            |
| Low Energy                    | GFSK               | LE1M                                      | 1                            |
| Low Energy                    | GFSK               | LE2M                                      | 2                            |
| High Data Rate                | $\pi/4$ -DQPSK     | 4DH5                                      | 4                            |
| High Data Rate                | $\pi/4$ -DQPSK     | 8DH5                                      | 8                            |
| High Data Rate Plus           | OQPSK              | HDRPS2                                    | 2                            |
| Extremely High Data Rate Plus | OQPSK              | XHDRPS2                                   | 2                            |
| High Data Rate Plus           | OQPSK              | HDRPM4                                    | 4                            |
| High Data Rate Plus           | OQPSK              | HDRPM6                                    | 6                            |
| High Data Rate Plus           | OQPSK              | HDRPM8                                    | 8                            |
| Extremely High Data Rate Plus | OQPSK              | XHDRPM4                                   | 4                            |
| Extremely High Data Rate Plus | OQPSK              | XHDRPM6                                   | 6                            |
| Extremely High Data Rate Plus | OQPSK              | XHDRPM8                                   | 8                            |
| High Data Rate Plus           | 16QAM              | HDRPM12                                   | 12                           |
| High Data Rate Plus           | 16QAM              | HDRPM16                                   | 16                           |
| Extremely High Data Rate Plus | 16QAM              | XHDRPM12                                  | 12                           |
| Extremely High Data Rate Plus | 16QAM              | XHDRPM16                                  | 16                           |
| High Data Rate Plus           | OQPSK              | HDRPL8                                    | 8                            |
| High Data Rate Plus           | OQPSK              | HDRPL12                                   | 12                           |
| High Data Rate Plus           | OQPSK              | HDRPL16                                   | 16                           |
| Extremely High Data Rate Plus | OQPSK              | XHDRPL8                                   | 8                            |
| Extremely High Data Rate Plus | OQPSK              | XHDRPL12                                  | 12                           |
| Extremely High Data Rate Plus | OQPSK              | XHDRPL16                                  | 16                           |
| High Data Rate Plus           | 16QAM              | HDRPL24                                   | 24                           |
| High Data Rate Plus           | 16QAM              | HDRPL32                                   | 32                           |
| Extremely High Data Rate Plus | 16QAM              | XHDRPL24                                  | 24                           |
| Extremely High Data Rate Plus | 16QAM              | XHDRPL32                                  | 32                           |
| High Data Throughput          | $\pi/4$ -QPSK      | HDT2                                      | 2                            |
| High Data Throughput          | $\pi/4$ -QPSK      | HDT3                                      | 3                            |
| High Data Throughput          | 8PSK               | HDT4                                      | 4                            |
| High Data Throughput          | 16QAM              | HDT6                                      | 6                            |
| High Data Throughput          | 16QAM              | HDT8                                      | 7.5                          |

**Additional Information Related to Testing (continued)**

|                                  |                                                           |                                |
|----------------------------------|-----------------------------------------------------------|--------------------------------|
| <b>Transmit Frequency Range:</b> | 5150 MHz to 5250 MHz                                      |                                |
| <b>Mode*:</b>                    | DH5 / LE1M / LE2M / 4DH5 / 8DH5 /(X)HDRPS2 / HDT2/3/4/6/8 |                                |
| <b>Static Channels Tested:</b>   | <b>Channel ID</b>                                         | <b>Channel Frequency (MHz)</b> |
|                                  | Bottom                                                    | 5162                           |
|                                  | Middle                                                    | 5203                           |
|                                  | Top                                                       | 5245                           |
| <b>Mode*:</b>                    | (X)HDRPM4/6/8/12/16                                       |                                |
| <b>Static Channels Tested:</b>   | <b>Channel ID</b>                                         | <b>Channel Frequency (MHz)</b> |
|                                  | Bottom                                                    | 5163                           |
|                                  | Middle                                                    | 5203                           |
|                                  | Top                                                       | 5245                           |
| <b>Mode*:</b>                    | (X)HDRPL8/12/16/24/32                                     |                                |
| <b>Static Channels Tested:</b>   | <b>Channel ID</b>                                         | <b>Channel Frequency (MHz)</b> |
|                                  | Bottom                                                    | 5165                           |
|                                  | Middle                                                    | 5203                           |
|                                  | Top                                                       | 5245                           |

**3.4 Description of Available Antennas**

The radio utilizes two integrated antennas, with the following maximum gains:

| <b>Frequency Band (MHz)</b> | <b>G<sub>Antenna 1 / Core 0</sub> (dBi)</b> | <b>G<sub>Antenna 2 / Core 1</sub> (dBi)</b> |
|-----------------------------|---------------------------------------------|---------------------------------------------|
| 5150 to 5250                | 3.4                                         | 4.7                                         |

| <b>Frequency Band (MHz)</b> | <b>Directional Antenna Gain for Power and PSD Measurements (dBi)</b> |
|-----------------------------|----------------------------------------------------------------------|
| 5150 to 5250                | 7.1                                                                  |

The EUT complies with FCC Part 15.203 requirements by using permanently attached antennas with no option for external connections.

### **3.5 Description of Test Setup**

#### **Support Equipment**

The following support equipment was used to exercise the EUT during testing:

#### **Customer Supplied\*:**

| Description          | Brand Name | Model Name or Number | Serial Number |
|----------------------|------------|----------------------|---------------|
| Test Laptop          | Apple      | MacBook Pro          | DM66H33Y9M    |
| USB Diagnostic Cable | Apple      | Chimp                | 439181        |
| Test Laptop          | Apple      | MacBook Pro          | D097W7KM29    |
| USB Diagnostic Cable | Apple      | Chimp                | 4398AB        |

#### **Laboratory Supplied:**

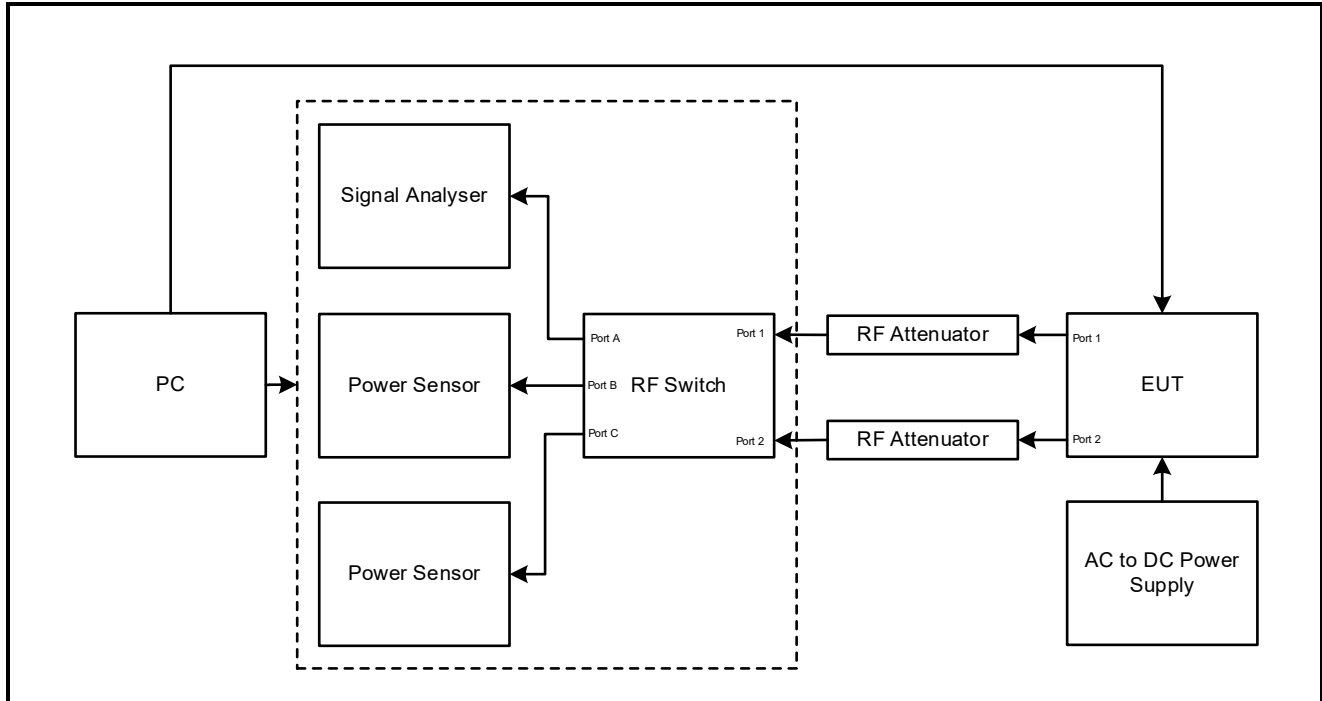
| Description                            | Brand Name           | Model Name or Number | Serial Number        |
|----------------------------------------|----------------------|----------------------|----------------------|
| USB-C Docking Station.<br>Quantity 2   | Lenovo               | LDA-KP<br>LDC-G2     | ZVR03H0D<br>ZKW05W5E |
| Ethernet Cable. Length 5m.             | Not marked or stated | Not marked or stated | Not marked or stated |
| HDMI Cable. Length 5m.                 | Not marked or stated | Not marked or stated | Not marked or stated |
| USB-A Cable. Quantity 4.<br>Length 3m. | Not marked or stated | Not marked or stated | Not marked or stated |
| USB C-A Adapter. Quantity 4.           | Not marked or stated | Not marked or stated | Not marked or stated |
| Personal Hands Free (PHF)              | Not marked or stated | Not marked or stated | Not marked or stated |

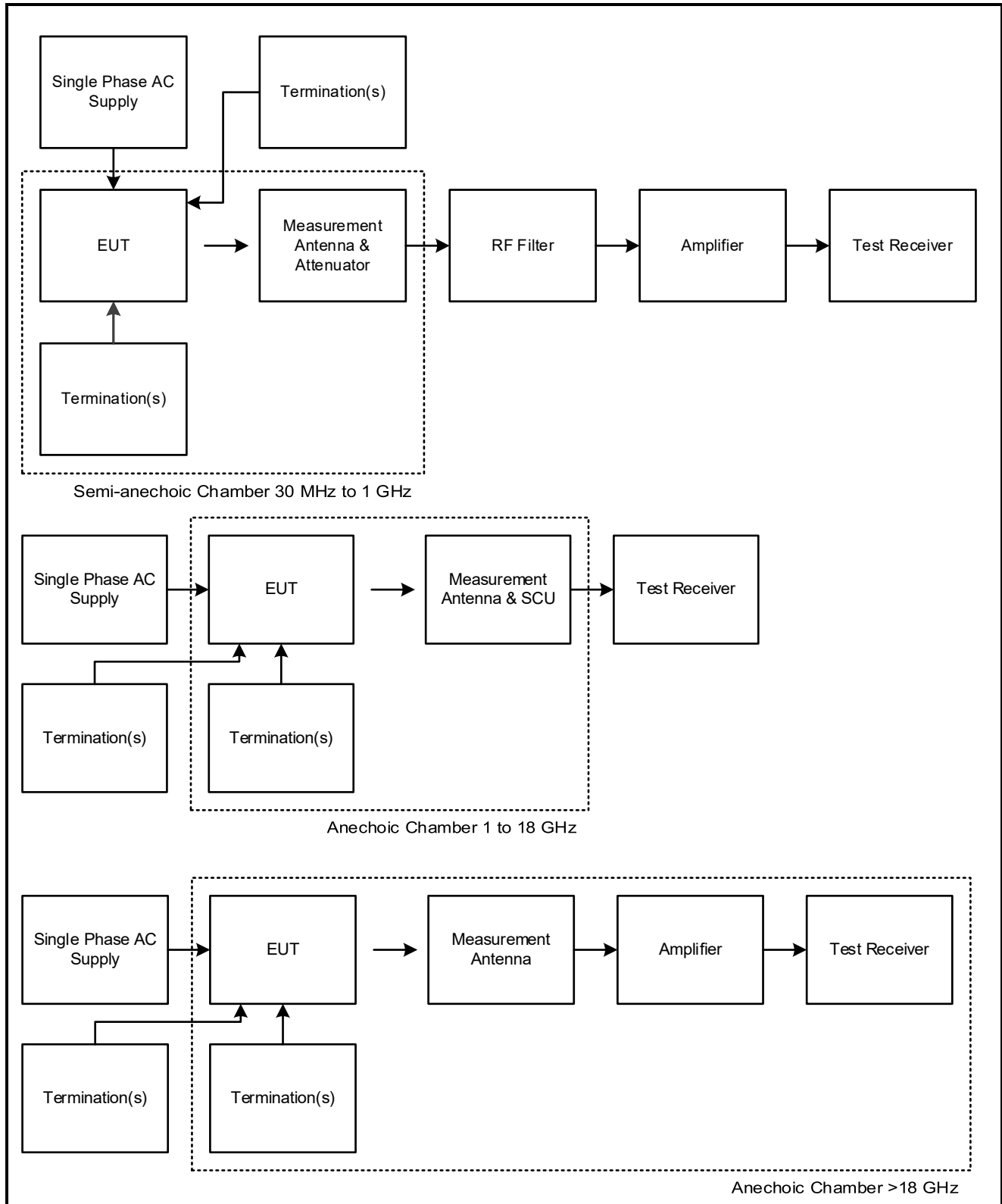
### **Operating Modes, Configuration and Peripherals**

- Continuously transmitting at maximum output power on the packet types shown in section 3.3.
- Controlled in test mode using a set of commands entered into a terminal application on the test laptop supplied by the customer. The commands were used to enable a continuous transmission and to select the test channels & packet types as required.
- The EUT has two cores that operate in both SISO and beamforming modes. Core 0 and Core 1 have equal powers and unequal gains. The output power and PSD were investigated across all modulation schemes on Core 0. The worst-case modes were then used for testing Core 1 and the beamforming mode.
- The worst-case output power and PSD results are presented in the table below.

| Worst-case Summary |          |       |     |          |          |       |     |
|--------------------|----------|-------|-----|----------|----------|-------|-----|
| Mode               | BW (MHz) | Power | PSD | Mode     | BW (MHz) | Power | PSD |
| DH5                | 1        | X     | X   | HDT2     | 2.4      |       |     |
| LE1M               | 1        | X     | X   | HDT3     |          | X     | X   |
| LE2M               | 2        | X     | X   | HDT4     | 2.4      | X     | X   |
| 4DH5               | 2.4      | X     | X   | HDT6     | 2.4      |       |     |
| 8DH5               | 4.8      | X     | X   | HDT8     |          | X     | X   |
| HDRPS2             | 2.4      | X     | X   | HDRPL24  | 8        | X     | X   |
| XHDRPS2            |          |       |     | HDRPL32  |          |       |     |
| HDRPM4             | 4.8      |       |     | XHDRPL24 |          |       |     |
| HDRPM6             |          |       |     | XHDRPL32 |          |       |     |
| HDRPM8             |          |       |     | HDRPL8   | 8        |       |     |
| XHDRPM4            |          |       |     | HDRPL12  |          |       |     |
| XHDRPM6            |          | X     | X   | HDRPL16  |          |       |     |
| XHDRPM8            |          |       |     | XHDRPL8  |          |       |     |
| HDRPM12            | 4.8      |       |     | XHDRPL12 |          |       |     |
| HDRPM16            |          |       |     | XHDRPL16 | X        | X     |     |
| XHDRPM12           |          |       |     |          |          |       |     |
| XHDRPM16           |          | X     | X   |          |          |       |     |

- The customer supplied RF test cable connections to the internal EUT antenna ports in order to perform conducted measurements. The respective path losses were added to the measurements along with the automated test system path losses.
- The EUT was powered from an AC to DC Power Supply. The input was connected to a 120 VAC 60 Hz single phase mains supply.
- Radiated tests were performed with the EUT in its worst-case orientation with respect to emissions.
- All active ports were terminated using the appropriate terminations during radiated emissions testing.
- Sections 5.2 & 5.3 only have the worst case configuration of BDR / Beamforming / Core 0 + Core 1 / ePA reported. All the other modes are archived on the UL IT server and available for inspection if required.
- Radiated Band Edge measurements were performed on the worst-case modes declared by the customer.

**Test Setup Diagrams****Conducted Tests:****Test Setup for Conducted Tests**

**Test Setup Diagrams (continued)****Radiated Tests:****Test Setup for Radiated Emissions**

## **4 Antenna Port Test Results**

### **4.1 Duty Cycle**

#### **Test Summary:**

|                                   |             |                   |              |
|-----------------------------------|-------------|-------------------|--------------|
| <b>Test Engineer:</b>             | Jerome Moyo | <b>Test Date:</b> | 05 June 2026 |
| <b>Test Sample Serial Number:</b> | KQH4V6G739  |                   |              |

|                          |                          |
|--------------------------|--------------------------|
| <b>FCC Clause:</b>       | Part 15.35(c)            |
| <b>Test Method Used:</b> | ANSI C63.10 Section 12.4 |

#### **Environmental Conditions:**

|                               |    |
|-------------------------------|----|
| <b>Temperature (°C):</b>      | 22 |
| <b>Relative Humidity (%):</b> | 48 |

#### **Note(s):**

1. The duty cycle was measured using a calibrated power sensor. The power sensor used has a sufficiently short response time to accurately capture the ON and OFF periods of the transmitted signal.
2. The duty cycle is identical for both SISO and Beamforming modes.

#### **Results: SISO**

|                               |            |                         |            |
|-------------------------------|------------|-------------------------|------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | BDR        |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | DH5 (GFSK) |

| Test Frequency (MHz) | Burst Type | Stability | Duty Cycle (%) | Period (ms) | Width (ms) |
|----------------------|------------|-----------|----------------|-------------|------------|
| 5162                 | Burst Tx   | < ±2%     | 76.69          | 3.750       | 2.876      |

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | LE 1M (GFSK) |

| Test Frequency (MHz) | Burst Type | Stability | Duty Cycle (%) | Period (ms) | Width (ms) |
|----------------------|------------|-----------|----------------|-------------|------------|
| 5162                 | Burst Tx   | < ±2%     | 84.95          | 2.500       | 2.124      |

**Duty Cycle (continued)**

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | LE 2M (GFSK) |

| Test Frequency (MHz) | Burst Type | Stability   | Duty Cycle (%) | Period (ms) | Width (ms) |
|----------------------|------------|-------------|----------------|-------------|------------|
| 5162                 | Burst Tx   | < $\pm 2\%$ | 56.92          | 1.875       | 1.067      |

|                               |            |                         |                        |
|-------------------------------|------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | 4DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | Burst Type | Stability   | Duty Cycle (%) | Period (ms) | Width (ms) |
|----------------------|------------|-------------|----------------|-------------|------------|
| 5162                 | Burst Tx   | < $\pm 2\%$ | 78.11          | 3.750       | 2.929      |

|                               |            |                         |                        |
|-------------------------------|------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | 8DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | Burst Type | Stability   | Duty Cycle (%) | Period (ms) | Width (ms) |
|----------------------|------------|-------------|----------------|-------------|------------|
| 5162                 | Burst Tx   | < $\pm 2\%$ | 78.21          | 3.750       | 2.933      |

|                               |            |                         |                |
|-------------------------------|------------|-------------------------|----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR            |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | HDRPS2 (OQPSK) |

| Test Frequency (MHz) | Burst Type | Stability   | Duty Cycle (%) | Period (ms) | Width (ms) |
|----------------------|------------|-------------|----------------|-------------|------------|
| 5162                 | Burst Tx   | < $\pm 2\%$ | 92.54          | 17.500      | 16.195     |

**Duty Cycle (continued)**

|                               |            |                         |                 |
|-------------------------------|------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | XHDRPM6 (OQPSK) |

| Test Frequency (MHz) | Burst Type | Stability   | Duty Cycle (%) | Period (ms) | Width (ms) |
|----------------------|------------|-------------|----------------|-------------|------------|
| 5163                 | Burst Tx   | < $\pm 2\%$ | 86.70          | 6.250       | 5.419      |

|                               |            |                         |                  |
|-------------------------------|------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | XHDRPM16 (16QAM) |

| Test Frequency (MHz) | Burst Type | Stability   | Duty Cycle (%) | Period (ms) | Width (ms) |
|----------------------|------------|-------------|----------------|-------------|------------|
| 5163                 | Burst Tx   | < $\pm 2\%$ | 87.95          | 3.750       | 3.298      |

|                               |            |                         |                  |
|-------------------------------|------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | XHDRPL16 (OQPSK) |

| Test Frequency (MHz) | Burst Type | Stability   | Duty Cycle (%) | Period (ms) | Width (ms) |
|----------------------|------------|-------------|----------------|-------------|------------|
| 5165                 | Burst Tx   | < $\pm 2\%$ | 95.34          | 3.750       | 3.575      |

|                               |            |                         |                 |
|-------------------------------|------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | HDRPL24 (16QAM) |

| Test Frequency (MHz) | Burst Type | Stability   | Duty Cycle (%) | Period (ms) | Width (ms) |
|----------------------|------------|-------------|----------------|-------------|------------|
| 5165                 | Burst Tx   | < $\pm 2\%$ | 87.57          | 1.250       | 1.095      |

**Duty Cycle (continued)**

|                               |            |                         |                       |
|-------------------------------|------------|-------------------------|-----------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT                   |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | HDT3 ( $\pi/4$ -QPSK) |

| Test Frequency (MHz) | Burst Type | Stability   | Duty Cycle (%) | Period (ms) | Width (ms) |
|----------------------|------------|-------------|----------------|-------------|------------|
| 5162                 | Burst Tx   | $< \pm 2\%$ | 94.99          | 1.524       | 1.447      |

|                               |            |                         |             |
|-------------------------------|------------|-------------------------|-------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT         |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | HDT4 (8PSK) |

| Test Frequency (MHz) | Burst Type | Stability   | Duty Cycle (%) | Period (ms) | Width (ms) |
|----------------------|------------|-------------|----------------|-------------|------------|
| 5162                 | Burst Tx   | $< \pm 2\%$ | 93.53          | 1.180       | 1.103      |

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT          |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | HDT8 (16QAM) |

| Test Frequency (MHz) | Burst Type | Stability   | Duty Cycle (%) | Period (ms) | Width (ms) |
|----------------------|------------|-------------|----------------|-------------|------------|
| 5162                 | Burst Tx   | $< \pm 2\%$ | 89.06          | 0.699       | 0.622      |

**4.2 26 dB Bandwidth****Test Summary:**

|                                   |             |                    |                                 |
|-----------------------------------|-------------|--------------------|---------------------------------|
| <b>Test Engineer:</b>             | Jerome Moyo | <b>Test Dates:</b> | 05 June 2026 to<br>11 June 2026 |
| <b>Test Sample Serial Number:</b> | KQH4V6G739  |                    |                                 |

|                          |                            |
|--------------------------|----------------------------|
| <b>FCC Clause:</b>       | Part 15.403                |
| <b>Test Method Used:</b> | ANSI C63.10 Section 12.5.2 |

**Environmental Conditions:**

|                               |          |
|-------------------------------|----------|
| <b>Temperature (°C):</b>      | 22 to 23 |
| <b>Relative Humidity (%):</b> | 44 to 51 |

**Note(s):**

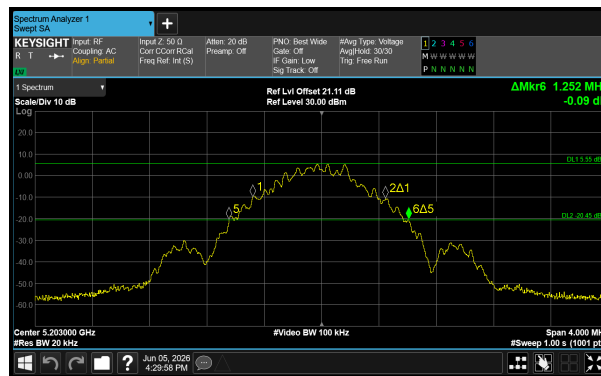
1. The transmitter output is connected to a signal analyser. The RBW is set in the range of 1% to 5% of the EBW. The VBW is set to  $\geq 3 \times \text{RBW}$ . The sweep time is coupled.
2. Example plots of each modulation on the worst-case channel, for one antenna configuration, can be seen below to show setting parameters comply with testing method/procedure. All other plots are archived on the UL IT server and available for inspection if required.

### 26 dB Bandwidth (continued)

### Results: SISO / ePA / Core 0

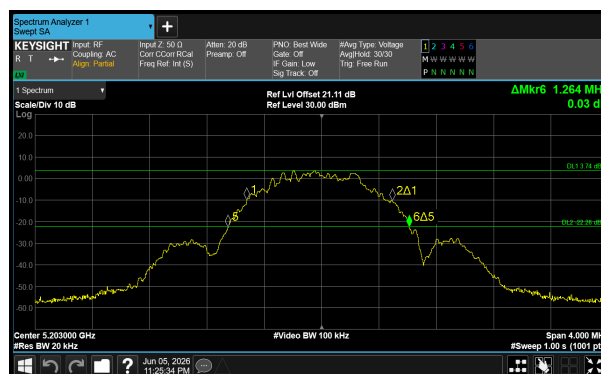
|                               |            |                         |            |
|-------------------------------|------------|-------------------------|------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | BDR        |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | DH5 (GFSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |   |   | Limit (kHz) |
|----------------------|-----------------------|-------|---|---|-------------|
|                      | 1                     | 2     | 3 | 4 |             |
| 5162                 | -                     | 1.252 | - | - | -           |
| 5203                 | -                     | 1.252 | - | - | -           |
| 5245                 | -                     | 1.252 | - | - | -           |



|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | LE 1M (GFSK) |

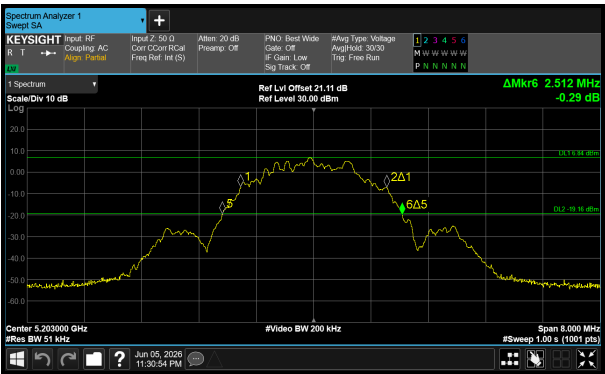
| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |   |   | Limit (kHz) |
|----------------------|-----------------------|-------|---|---|-------------|
|                      | 1                     | 2     | 3 | 4 |             |
| 5162                 | -                     | 1.264 | - | - | -           |
| 5203                 | -                     | 1.264 | - | - | -           |
| 5245                 | -                     | 1.264 | - | - | -           |



26 dB Bandwidth (continued)

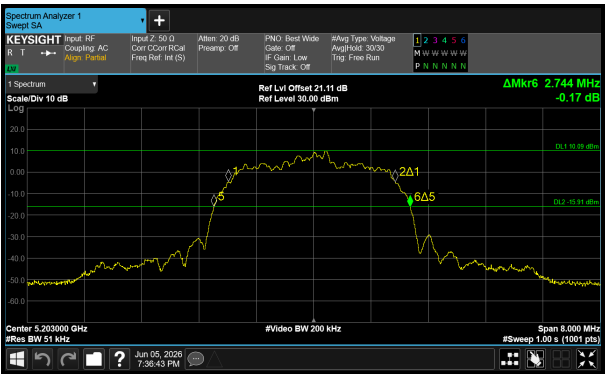
|                        |            |                  |              |
|------------------------|------------|------------------|--------------|
| Antenna Configuration: | SISO       | Mode:            | LE           |
| Test Port:             | 2 (Core 0) | Rate/Modulation: | LE 2M (GFSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |   |   | Limit (kHz) |
|----------------------|-----------------------|-------|---|---|-------------|
|                      | 1                     | 2     | 3 | 4 |             |
| 5162                 | -                     | 2.512 | - | - | -           |
| 5203                 | -                     | 2.512 | - | - | -           |
| 5245                 | -                     | 2.512 | - | - | -           |



|                        |            |                  |                  |
|------------------------|------------|------------------|------------------|
| Antenna Configuration: | SISO       | Mode:            | HDR              |
| Test Port:             | 2 (Core 0) | Rate/Modulation: | 4DH5 (π/4-DQPSK) |

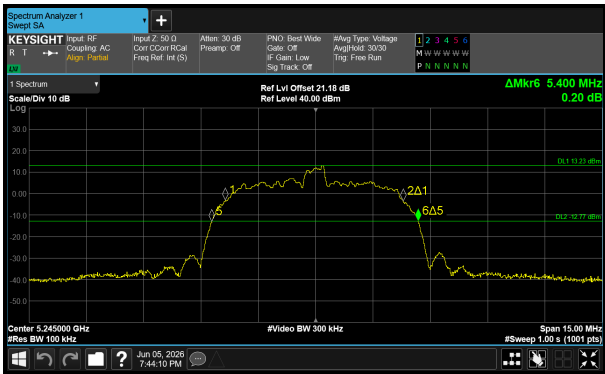
| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |   |   | Limit (kHz) |
|----------------------|-----------------------|-------|---|---|-------------|
|                      | 1                     | 2     | 3 | 4 |             |
| 5162                 | -                     | 2.744 | - | - | -           |
| 5203                 | -                     | 2.744 | - | - | -           |
| 5245                 | -                     | 2.744 | - | - | -           |



26 dB Bandwidth (continued)

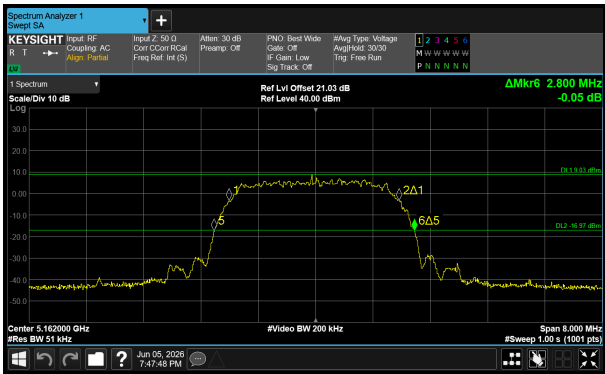
|                        |            |                  |                        |
|------------------------|------------|------------------|------------------------|
| Antenna Configuration: | SISO       | Mode:            | HDR                    |
| Test Port:             | 2 (Core 0) | Rate/Modulation: | 8DH5 ( $\pi$ /4-DQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |   |   | Limit (kHz) |
|----------------------|-----------------------|-------|---|---|-------------|
|                      | 1                     | 2     | 3 | 4 |             |
| 5162                 | -                     | 5.400 | - | - | -           |
| 5203                 | -                     | 5.385 | - | - | -           |
| 5245                 | -                     | 5.400 | - | - | -           |



|                        |            |                  |                |
|------------------------|------------|------------------|----------------|
| Antenna Configuration: | SISO       | Mode:            | HDR            |
| Test Port:             | 2 (Core 0) | Rate/Modulation: | HDRPS2 (OQPSK) |

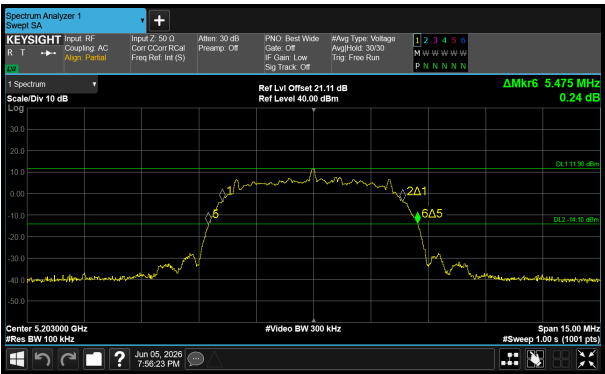
| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |   |   | Limit (kHz) |
|----------------------|-----------------------|-------|---|---|-------------|
|                      | 1                     | 2     | 3 | 4 |             |
| 5162                 | -                     | 2.800 | - | - | -           |
| 5203                 | -                     | 2.712 | - | - | -           |
| 5245                 | -                     | 2.712 | - | - | -           |



26 dB Bandwidth (continued)

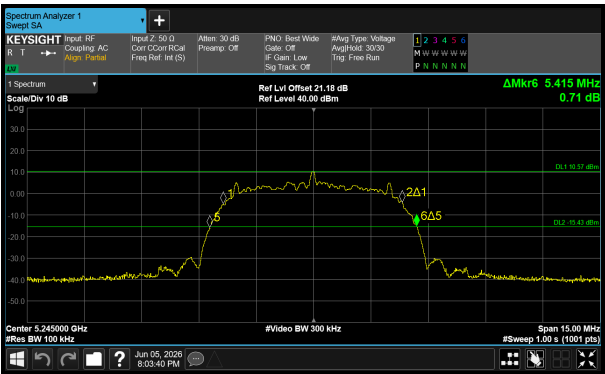
|                        |            |                  |                 |
|------------------------|------------|------------------|-----------------|
| Antenna Configuration: | SISO       | Mode:            | HDR             |
| Test Port:             | 2 (Core 0) | Rate/Modulation: | XHDRPM6 (OQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |   |   | Limit (kHz) |
|----------------------|-----------------------|-------|---|---|-------------|
|                      | 1                     | 2     | 3 | 4 |             |
| 5163                 | -                     | 5.460 | - | - | -           |
| 5203                 | -                     | 5.475 | - | - | -           |
| 5245                 | -                     | 5.475 | - | - | -           |



|                        |            |                  |                  |
|------------------------|------------|------------------|------------------|
| Antenna Configuration: | SISO       | Mode:            | HDR              |
| Test Port:             | 2 (Core 0) | Rate/Modulation: | XHDRPM16 (16QAM) |

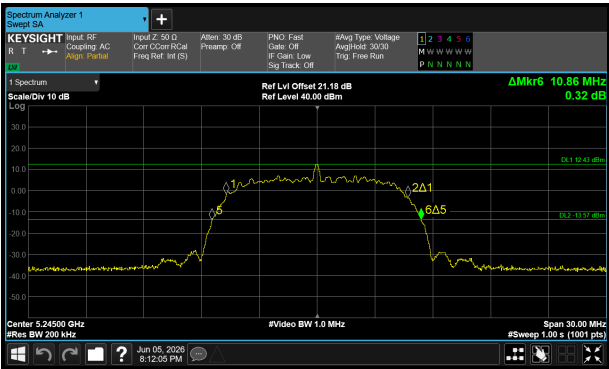
| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |   |   | Limit (kHz) |
|----------------------|-----------------------|-------|---|---|-------------|
|                      | 1                     | 2     | 3 | 4 |             |
| 5163                 | -                     | 5.415 | - | - | -           |
| 5203                 | -                     | 5.400 | - | - | -           |
| 5245                 | -                     | 5.415 | - | - | -           |



26 dB Bandwidth (continued)

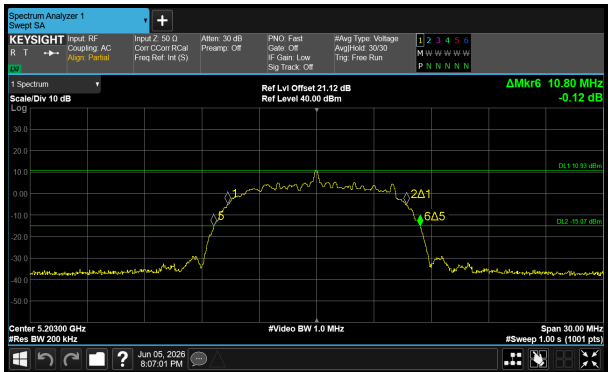
|                        |            |                  |                  |
|------------------------|------------|------------------|------------------|
| Antenna Configuration: | SISO       | Mode:            | HDR              |
| Test Port:             | 2 (Core 0) | Rate/Modulation: | XHDRPL16 (OQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|-------------|
|                      | 1                     | 2      | 3 | 4 |             |
| 5165                 | -                     | 10.830 | - | - | -           |
| 5203                 | -                     | 10.830 | - | - | -           |
| 5245                 | -                     | 10.860 | - | - | -           |



|                        |            |                  |                 |
|------------------------|------------|------------------|-----------------|
| Antenna Configuration: | SISO       | Mode:            | HDR             |
| Test Port:             | 2 (Core 0) | Rate/Modulation: | HDRPL24 (16QAM) |

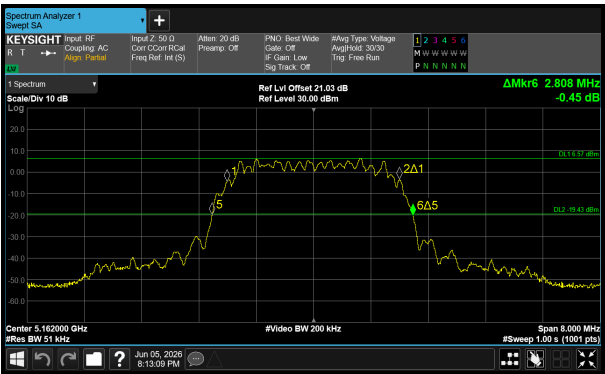
| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|-------------|
|                      | 1                     | 2      | 3 | 4 |             |
| 5165                 | -                     | 10.800 | - | - | -           |
| 5203                 | -                     | 10.800 | - | - | -           |
| 5245                 | -                     | 10.800 | - | - | -           |



26 dB Bandwidth (continued)

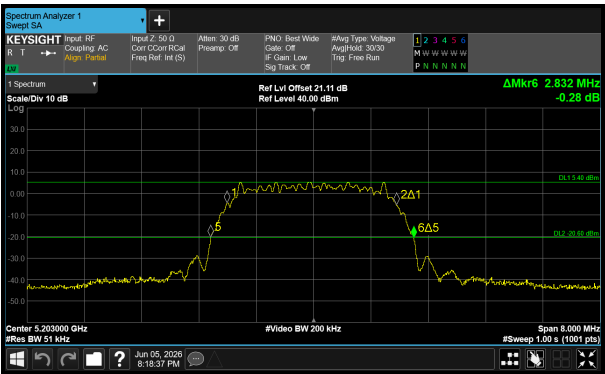
|                        |            |                  |                 |
|------------------------|------------|------------------|-----------------|
| Antenna Configuration: | SISO       | Mode:            | HDT             |
| Test Port:             | 2 (Core 0) | Rate/Modulation: | HDT3 (π/4-QPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |   |   | Limit (kHz) |
|----------------------|-----------------------|-------|---|---|-------------|
|                      | 1                     | 2     | 3 | 4 |             |
| 5162                 | -                     | 2.808 | - | - | -           |
| 5203                 | -                     | 2.800 | - | - | -           |
| 5245                 | -                     | 2.800 | - | - | -           |



|                        |            |                  |             |
|------------------------|------------|------------------|-------------|
| Antenna Configuration: | SISO       | Mode:            | HDT         |
| Test Port:             | 2 (Core 0) | Rate/Modulation: | HDT4 (8PSK) |

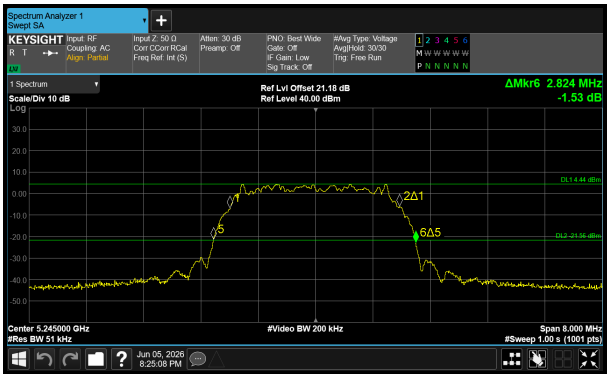
| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |   |   | Limit (kHz) |
|----------------------|-----------------------|-------|---|---|-------------|
|                      | 1                     | 2     | 3 | 4 |             |
| 5162                 | -                     | 2.832 | - | - | -           |
| 5203                 | -                     | 2.832 | - | - | -           |
| 5245                 | -                     | 2.832 | - | - | -           |



26 dB Bandwidth (continued)

|                        |            |                  |              |
|------------------------|------------|------------------|--------------|
| Antenna Configuration: | SISO       | Mode:            | HDT          |
| Test Port:             | 2 (Core 0) | Rate/Modulation: | HDT8 (16QAM) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |   |   | Limit (kHz) |
|----------------------|-----------------------|-------|---|---|-------------|
|                      | 1                     | 2     | 3 | 4 |             |
| 5162                 | -                     | 2.816 | - | - | -           |
| 5203                 | -                     | 2.816 | - | - | -           |
| 5245                 | -                     | 2.824 | - | - | -           |



**26 dB Bandwidth (continued)****Results: SISO / ePA / Core 1**

|                               |            |                         |            |
|-------------------------------|------------|-------------------------|------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | BDR        |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | DH5 (GFSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |       |   | Limit (kHz) |
|----------------------|-----------------------|---|-------|---|-------------|
|                      | 1                     | 2 | 3     | 4 |             |
| 5162                 | -                     | - | 1.256 | - | -           |
| 5203                 | -                     | - | 1.256 | - | -           |
| 5245                 | -                     | - | 1.216 | - | -           |

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | LE 1M (GFSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |       |   | Limit (kHz) |
|----------------------|-----------------------|---|-------|---|-------------|
|                      | 1                     | 2 | 3     | 4 |             |
| 5162                 | -                     | - | 1.264 | - | -           |
| 5203                 | -                     | - | 1.264 | - | -           |
| 5245                 | -                     | - | 1.264 | - | -           |

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | LE 2M (GFSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |       |   | Limit (kHz) |
|----------------------|-----------------------|---|-------|---|-------------|
|                      | 1                     | 2 | 3     | 4 |             |
| 5162                 | -                     | - | 2.512 | - | -           |
| 5203                 | -                     | - | 2.504 | - | -           |
| 5245                 | -                     | - | 2.512 | - | -           |

**26 dB Bandwidth (continued)**

|                               |            |                         |                        |
|-------------------------------|------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | 4DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |       |   | Limit (kHz) |
|----------------------|-----------------------|---|-------|---|-------------|
|                      | 1                     | 2 | 3     | 4 |             |
| 5162                 | -                     | - | 2.744 | - | -           |
| 5203                 | -                     | - | 2.752 | - | -           |
| 5245                 | -                     | - | 2.752 | - | -           |

|                               |            |                         |                        |
|-------------------------------|------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | 8DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |       |   | Limit (kHz) |
|----------------------|-----------------------|---|-------|---|-------------|
|                      | 1                     | 2 | 3     | 4 |             |
| 5162                 | -                     | - | 5.400 | - | -           |
| 5203                 | -                     | - | 5.400 | - | -           |
| 5245                 | -                     | - | 5.400 | - | -           |

|                               |            |                         |                |
|-------------------------------|------------|-------------------------|----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR            |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDRPS2 (OQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |       |   | Limit (kHz) |
|----------------------|-----------------------|---|-------|---|-------------|
|                      | 1                     | 2 | 3     | 4 |             |
| 5162                 | -                     | - | 2.712 | - | -           |
| 5203                 | -                     | - | 2.712 | - | -           |
| 5245                 | -                     | - | 2.712 | - | -           |

|                               |            |                         |                 |
|-------------------------------|------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | XHDRPM6 (OQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |       |   | Limit (kHz) |
|----------------------|-----------------------|---|-------|---|-------------|
|                      | 1                     | 2 | 3     | 4 |             |
| 5163                 | -                     | - | 5.475 | - | -           |
| 5203                 | -                     | - | 5.475 | - | -           |
| 5245                 | -                     | - | 5.475 | - | -           |

**26 dB Bandwidth (continued)**

|                               |            |                         |                  |
|-------------------------------|------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | XHDRPM16 (16QAM) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |       |   | Limit (kHz) |
|----------------------|-----------------------|---|-------|---|-------------|
|                      | 1                     | 2 | 3     | 4 |             |
| 5163                 | -                     | - | 5.415 | - | -           |
| 5203                 | -                     | - | 5.430 | - | -           |
| 5245                 | -                     | - | 5.415 | - | -           |

|                               |            |                         |                  |
|-------------------------------|------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | XHDRPL16 (OQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |        |   | Limit (kHz) |
|----------------------|-----------------------|---|--------|---|-------------|
|                      | 1                     | 2 | 3      | 4 |             |
| 5165                 | -                     | - | 10.860 | - | -           |
| 5203                 | -                     | - | 10.830 | - | -           |
| 5245                 | -                     | - | 10.830 | - | -           |

|                               |            |                         |                 |
|-------------------------------|------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDRPL24 (16QAM) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |        |   | Limit (kHz) |
|----------------------|-----------------------|---|--------|---|-------------|
|                      | 1                     | 2 | 3      | 4 |             |
| 5165                 | -                     | - | 10.770 | - | -           |
| 5203                 | -                     | - | 10.800 | - | -           |
| 5245                 | -                     | - | 10.800 | - | -           |

|                               |            |                         |                       |
|-------------------------------|------------|-------------------------|-----------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT                   |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDT3 ( $\pi/4$ -QPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |       |   | Limit (kHz) |
|----------------------|-----------------------|---|-------|---|-------------|
|                      | 1                     | 2 | 3     | 4 |             |
| 5162                 | -                     | - | 2.808 | - | -           |
| 5203                 | -                     | - | 2.808 | - | -           |
| 5245                 | -                     | - | 2.808 | - | -           |

**26 dB Bandwidth (continued)**

|                               |            |                         |             |
|-------------------------------|------------|-------------------------|-------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT         |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDT4 (8PSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |       |   | Limit (kHz) |
|----------------------|-----------------------|---|-------|---|-------------|
|                      | 1                     | 2 | 3     | 4 |             |
| 5162                 | -                     | - | 2.840 | - | -           |
| 5203                 | -                     | - | 2.840 | - | -           |
| 5245                 | -                     | - | 2.840 | - | -           |

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT          |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDT8 (16QAM) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |       |   | Limit (kHz) |
|----------------------|-----------------------|---|-------|---|-------------|
|                      | 1                     | 2 | 3     | 4 |             |
| 5162                 | -                     | - | 2.824 | - | -           |
| 5203                 | -                     | - | 2.824 | - | -           |
| 5245                 | -                     | - | 2.824 | - | -           |

**26 dB Bandwidth (continued)****Results: SISO / iPA / Core 0**

|                               |            |                         |            |
|-------------------------------|------------|-------------------------|------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | BDR        |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | DH5 (GFSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |   |   | Limit (kHz) |
|----------------------|-----------------------|-------|---|---|-------------|
|                      | 1                     | 2     | 3 | 4 |             |
| 5162                 | -                     | 1.252 | - | - | -           |
| 5203                 | -                     | 1.252 | - | - | -           |
| 5245                 | -                     | 1.252 | - | - | -           |

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | LE 1M (GFSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |   |   | Limit (kHz) |
|----------------------|-----------------------|-------|---|---|-------------|
|                      | 1                     | 2     | 3 | 4 |             |
| 5162                 | -                     | 1.264 | - | - | -           |
| 5203                 | -                     | 1.264 | - | - | -           |
| 5245                 | -                     | 1.264 | - | - | -           |

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | LE 2M (GFSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |   |   | Limit (kHz) |
|----------------------|-----------------------|-------|---|---|-------------|
|                      | 1                     | 2     | 3 | 4 |             |
| 5162                 | -                     | 2.512 | - | - | -           |
| 5203                 | -                     | 2.512 | - | - | -           |
| 5245                 | -                     | 2.512 | - | - | -           |

**26 dB Bandwidth (continued)**

|                               |            |                         |                        |
|-------------------------------|------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | 4DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |   |   | Limit (kHz) |
|----------------------|-----------------------|-------|---|---|-------------|
|                      | 1                     | 2     | 3 | 4 |             |
| 5162                 | -                     | 2.752 | - | - | -           |
| 5203                 | -                     | 2.752 | - | - | -           |
| 5245                 | -                     | 2.752 | - | - | -           |

|                               |            |                         |                        |
|-------------------------------|------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | 8DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |   |   | Limit (kHz) |
|----------------------|-----------------------|-------|---|---|-------------|
|                      | 1                     | 2     | 3 | 4 |             |
| 5162                 | -                     | 5.415 | - | - | -           |
| 5203                 | -                     | 5.430 | - | - | -           |
| 5245                 | -                     | 5.415 | - | - | -           |

|                               |            |                         |                |
|-------------------------------|------------|-------------------------|----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR            |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | HDRPS2 (OQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |   |   | Limit (kHz) |
|----------------------|-----------------------|-------|---|---|-------------|
|                      | 1                     | 2     | 3 | 4 |             |
| 5162                 | -                     | 2.720 | - | - | -           |
| 5203                 | -                     | 2.712 | - | - | -           |
| 5245                 | -                     | 2.712 | - | - | -           |

|                               |            |                         |                 |
|-------------------------------|------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | XHDRPM6 (OQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |   |   | Limit (kHz) |
|----------------------|-----------------------|-------|---|---|-------------|
|                      | 1                     | 2     | 3 | 4 |             |
| 5163                 | -                     | 5.490 | - | - | -           |
| 5203                 | -                     | 5.475 | - | - | -           |
| 5245                 | -                     | 5.490 | - | - | -           |

**26 dB Bandwidth (continued)**

|                               |            |                         |                  |
|-------------------------------|------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | XHDRPM16 (16QAM) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |   |   | Limit (kHz) |
|----------------------|-----------------------|-------|---|---|-------------|
|                      | 1                     | 2     | 3 | 4 |             |
| 5163                 | -                     | 5.445 | - | - | -           |
| 5203                 | -                     | 5.445 | - | - | -           |
| 5245                 | -                     | 5.445 | - | - | -           |

|                               |            |                         |                  |
|-------------------------------|------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | XHDRPL16 (OQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|-------------|
|                      | 1                     | 2      | 3 | 4 |             |
| 5165                 | -                     | 10.860 | - | - | -           |
| 5203                 | -                     | 10.860 | - | - | -           |
| 5245                 | -                     | 10.860 | - | - | -           |

|                               |            |                         |                 |
|-------------------------------|------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | HDRPL24 (16QAM) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |   |   | Limit (kHz) |
|----------------------|-----------------------|--------|---|---|-------------|
|                      | 1                     | 2      | 3 | 4 |             |
| 5165                 | -                     | 10.860 | - | - | -           |
| 5203                 | -                     | 10.830 | - | - | -           |
| 5245                 | -                     | 10.860 | - | - | -           |

|                               |            |                         |                       |
|-------------------------------|------------|-------------------------|-----------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT                   |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | HDT3 ( $\pi/4$ -QPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |   |   | Limit (kHz) |
|----------------------|-----------------------|-------|---|---|-------------|
|                      | 1                     | 2     | 3 | 4 |             |
| 5162                 | -                     | 2.808 | - | - | -           |
| 5203                 | -                     | 2.800 | - | - | -           |
| 5245                 | -                     | 2.808 | - | - | -           |

**26 dB Bandwidth (continued)**

|                               |            |                         |             |
|-------------------------------|------------|-------------------------|-------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT         |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | HDT4 (8PSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |   |   | Limit (kHz) |
|----------------------|-----------------------|-------|---|---|-------------|
|                      | 1                     | 2     | 3 | 4 |             |
| 5162                 | -                     | 2.840 | - | - | -           |
| 5203                 | -                     | 2.840 | - | - | -           |
| 5245                 | -                     | 2.832 | - | - | -           |

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT          |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | HDT8 (16QAM) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |   |   | Limit (kHz) |
|----------------------|-----------------------|-------|---|---|-------------|
|                      | 1                     | 2     | 3 | 4 |             |
| 5162                 | -                     | 2.824 | - | - | -           |
| 5203                 | -                     | 2.824 | - | - | -           |
| 5245                 | -                     | 2.824 | - | - | -           |

**26 dB Bandwidth (continued)****Results: SISO / iPA / Core 1**

|                               |            |                         |            |
|-------------------------------|------------|-------------------------|------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | BDR        |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | DH5 (GFSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |       |   | Limit (kHz) |
|----------------------|-----------------------|---|-------|---|-------------|
|                      | 1                     | 2 | 3     | 4 |             |
| 5162                 | -                     | - | 1.256 | - | -           |
| 5203                 | -                     | - | 1.256 | - | -           |
| 5245                 | -                     | - | 1.256 | - | -           |

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | LE 1M (GFSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |       |   | Limit (kHz) |
|----------------------|-----------------------|---|-------|---|-------------|
|                      | 1                     | 2 | 3     | 4 |             |
| 5162                 | -                     | - | 1.264 | - | -           |
| 5203                 | -                     | - | 1.260 | - | -           |
| 5245                 | -                     | - | 1.264 | - | -           |

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | LE 2M (GFSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |       |   | Limit (kHz) |
|----------------------|-----------------------|---|-------|---|-------------|
|                      | 1                     | 2 | 3     | 4 |             |
| 5162                 | -                     | - | 2.504 | - | -           |
| 5203                 | -                     | - | 2.512 | - | -           |
| 5245                 | -                     | - | 2.504 | - | -           |

**26 dB Bandwidth (continued)**

|                               |            |                         |                        |
|-------------------------------|------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | 4DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |       |   | Limit (kHz) |
|----------------------|-----------------------|---|-------|---|-------------|
|                      | 1                     | 2 | 3     | 4 |             |
| 5162                 | -                     | - | 2.752 | - | -           |
| 5203                 | -                     | - | 2.752 | - | -           |
| 5245                 | -                     | - | 2.752 | - | -           |

|                               |            |                         |                        |
|-------------------------------|------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | 8DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |       |   | Limit (kHz) |
|----------------------|-----------------------|---|-------|---|-------------|
|                      | 1                     | 2 | 3     | 4 |             |
| 5162                 | -                     | - | 5.430 | - | -           |
| 5203                 | -                     | - | 5.430 | - | -           |
| 5245                 | -                     | - | 5.430 | - | -           |

|                               |            |                         |                |
|-------------------------------|------------|-------------------------|----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR            |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDRPS2 (OQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |       |   | Limit (kHz) |
|----------------------|-----------------------|---|-------|---|-------------|
|                      | 1                     | 2 | 3     | 4 |             |
| 5162                 | -                     | - | 2.720 | - | -           |
| 5203                 | -                     | - | 2.720 | - | -           |
| 5245                 | -                     | - | 2.720 | - | -           |

|                               |            |                         |                 |
|-------------------------------|------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | XHDRPM6 (OQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |       |   | Limit (kHz) |
|----------------------|-----------------------|---|-------|---|-------------|
|                      | 1                     | 2 | 3     | 4 |             |
| 5163                 | -                     | - | 5.490 | - | -           |
| 5203                 | -                     | - | 5.475 | - | -           |
| 5245                 | -                     | - | 5.490 | - | -           |

**26 dB Bandwidth (continued)**

|                               |            |                         |                  |
|-------------------------------|------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | XHDRPM16 (16QAM) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |       |   | Limit (kHz) |
|----------------------|-----------------------|---|-------|---|-------------|
|                      | 1                     | 2 | 3     | 4 |             |
| 5163                 | -                     | - | 5.430 | - | -           |
| 5203                 | -                     | - | 5.445 | - | -           |
| 5245                 | -                     | - | 5.430 | - | -           |

|                               |            |                         |                  |
|-------------------------------|------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | XHDRPL16 (OQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |        |   | Limit (kHz) |
|----------------------|-----------------------|---|--------|---|-------------|
|                      | 1                     | 2 | 3      | 4 |             |
| 5165                 | -                     | - | 10.860 | - | -           |
| 5203                 | -                     | - | 10.860 | - | -           |
| 5245                 | -                     | - | 10.830 | - | -           |

|                               |            |                         |                 |
|-------------------------------|------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDRPL24 (16QAM) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |        |   | Limit (kHz) |
|----------------------|-----------------------|---|--------|---|-------------|
|                      | 1                     | 2 | 3      | 4 |             |
| 5165                 | -                     | - | 10.860 | - | -           |
| 5203                 | -                     | - | 10.860 | - | -           |
| 5245                 | -                     | - | 10.860 | - | -           |

|                               |            |                         |                       |
|-------------------------------|------------|-------------------------|-----------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT                   |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDT3 ( $\pi/4$ -QPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |       |   | Limit (kHz) |
|----------------------|-----------------------|---|-------|---|-------------|
|                      | 1                     | 2 | 3     | 4 |             |
| 5162                 | -                     | - | 2.808 | - | -           |
| 5203                 | -                     | - | 2.808 | - | -           |
| 5245                 | -                     | - | 2.808 | - | -           |

**26 dB Bandwidth (continued)**

|                               |            |                         |             |
|-------------------------------|------------|-------------------------|-------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT         |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDT4 (8PSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |       |   | Limit (kHz) |
|----------------------|-----------------------|---|-------|---|-------------|
|                      | 1                     | 2 | 3     | 4 |             |
| 5162                 | -                     | - | 2.832 | - | -           |
| 5203                 | -                     | - | 2.832 | - | -           |
| 5245                 | -                     | - | 2.840 | - | -           |

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT          |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDT8 (16QAM) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |   |       |   | Limit (kHz) |
|----------------------|-----------------------|---|-------|---|-------------|
|                      | 1                     | 2 | 3     | 4 |             |
| 5162                 | -                     | - | 2.816 | - | -           |
| 5203                 | -                     | - | 2.816 | - | -           |
| 5245                 | -                     | - | 2.824 | - | -           |

**26 dB Bandwidth (continued)****Results: Beamforming / ePA**

|                               |                       |                         |            |
|-------------------------------|-----------------------|-------------------------|------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | BDR        |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | DH5 (GFSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |       |   | Limit (kHz) |
|----------------------|-----------------------|-------|-------|---|-------------|
|                      | 1                     | 2     | 3     | 4 |             |
| 5162                 | -                     | 1.256 | 1.256 | - | -           |
| 5203                 | -                     | 1.256 | 1.252 | - | -           |
| 5245                 | -                     | 1.252 | 1.252 | - | -           |

|                               |                       |                         |              |
|-------------------------------|-----------------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | LE 1M (GFSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |       |   | Limit (kHz) |
|----------------------|-----------------------|-------|-------|---|-------------|
|                      | 1                     | 2     | 3     | 4 |             |
| 5162                 | -                     | 1.264 | 1.264 | - | -           |
| 5203                 | -                     | 1.264 | 1.264 | - | -           |
| 5245                 | -                     | 1.264 | 1.264 | - | -           |

|                               |                       |                         |              |
|-------------------------------|-----------------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | LE 2M (GFSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |       |   | Limit (kHz) |
|----------------------|-----------------------|-------|-------|---|-------------|
|                      | 1                     | 2     | 3     | 4 |             |
| 5162                 | -                     | 2.512 | 2.512 | - | -           |
| 5203                 | -                     | 2.512 | 2.512 | - | -           |
| 5245                 | -                     | 2.512 | 2.512 | - | -           |

**26 dB Bandwidth (continued)**

|                               |                       |                         |                        |
|-------------------------------|-----------------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | 4DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |       |   | Limit (kHz) |
|----------------------|-----------------------|-------|-------|---|-------------|
|                      | 1                     | 2     | 3     | 4 |             |
| 5162                 | -                     | 2.744 | 2.744 | - | -           |
| 5203                 | -                     | 2.744 | 2.744 | - | -           |
| 5245                 | -                     | 2.744 | 2.744 | - | -           |

|                               |                       |                         |                        |
|-------------------------------|-----------------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | 8DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |       |   | Limit (kHz) |
|----------------------|-----------------------|-------|-------|---|-------------|
|                      | 1                     | 2     | 3     | 4 |             |
| 5162                 | -                     | 5.400 | 5.400 | - | -           |
| 5203                 | -                     | 5.400 | 5.400 | - | -           |
| 5245                 | -                     | 5.385 | 5.400 | - | -           |

|                               |                       |                         |                |
|-------------------------------|-----------------------|-------------------------|----------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR            |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDRPS2 (OQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |       |   | Limit (kHz) |
|----------------------|-----------------------|-------|-------|---|-------------|
|                      | 1                     | 2     | 3     | 4 |             |
| 5162                 | -                     | 2.712 | 2.712 | - | -           |
| 5203                 | -                     | 2.712 | 2.712 | - | -           |
| 5245                 | -                     | 2.712 | 2.712 | - | -           |

|                               |                       |                         |                 |
|-------------------------------|-----------------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | XHDRPM6 (OQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |       |   | Limit (kHz) |
|----------------------|-----------------------|-------|-------|---|-------------|
|                      | 1                     | 2     | 3     | 4 |             |
| 5163                 | -                     | 5.475 | 5.475 | - | -           |
| 5203                 | -                     | 5.460 | 5.460 | - | -           |
| 5245                 | -                     | 5.475 | 5.475 | - | -           |

**26 dB Bandwidth (continued)**

|                               |                       |                         |                  |
|-------------------------------|-----------------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | XHDRPM16 (16QAM) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |       |   | Limit (kHz) |
|----------------------|-----------------------|-------|-------|---|-------------|
|                      | 1                     | 2     | 3     | 4 |             |
| 5163                 | -                     | 5.415 | 5.415 | - | -           |
| 5203                 | -                     | 5.415 | 5.415 | - | -           |
| 5245                 | -                     | 5.415 | 5.415 | - | -           |

|                               |                       |                         |                  |
|-------------------------------|-----------------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | XHDRPL16 (OQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |        |   | Limit (kHz) |
|----------------------|-----------------------|--------|--------|---|-------------|
|                      | 1                     | 2      | 3      | 4 |             |
| 5165                 | -                     | 10.830 | 10.830 | - | -           |
| 5203                 | -                     | 10.830 | 10.830 | - | -           |
| 5245                 | -                     | 10.830 | 10.830 | - | -           |

|                               |                       |                         |                 |
|-------------------------------|-----------------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDRPL24 (16QAM) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |        |   | Limit (kHz) |
|----------------------|-----------------------|--------|--------|---|-------------|
|                      | 1                     | 2      | 3      | 4 |             |
| 5165                 | -                     | 10.800 | 10.800 | - | -           |
| 5203                 | -                     | 10.770 | 10.770 | - | -           |
| 5245                 | -                     | 10.770 | 10.800 | - | -           |

|                               |                       |                         |                       |
|-------------------------------|-----------------------|-------------------------|-----------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDT                   |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDT3 ( $\pi/4$ -QPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |       |   | Limit (kHz) |
|----------------------|-----------------------|-------|-------|---|-------------|
|                      | 1                     | 2     | 3     | 4 |             |
| 5162                 | -                     | 2.800 | 2.800 | - | -           |
| 5203                 | -                     | 2.800 | 2.800 | - | -           |
| 5245                 | -                     | 2.800 | 2.800 | - | -           |

**26 dB Bandwidth (continued)**

|                               |                       |                         |             |
|-------------------------------|-----------------------|-------------------------|-------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDT         |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDT4 (8PSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |       |   | Limit (kHz) |
|----------------------|-----------------------|-------|-------|---|-------------|
|                      | 1                     | 2     | 3     | 4 |             |
| 5162                 | -                     | 2.840 | 2.840 | - | -           |
| 5203                 | -                     | 2.840 | 2.840 | - | -           |
| 5245                 | -                     | 2.840 | 2.840 | - | -           |

|                               |                       |                         |              |
|-------------------------------|-----------------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDT          |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDT8 (16QAM) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |       |   | Limit (kHz) |
|----------------------|-----------------------|-------|-------|---|-------------|
|                      | 1                     | 2     | 3     | 4 |             |
| 5162                 | -                     | 2.824 | 2.824 | - | -           |
| 5203                 | -                     | 2.824 | 2.824 | - | -           |
| 5245                 | -                     | 2.824 | 2.824 | - | -           |

**26 dB Bandwidth (continued)****Results: Beamforming / iPA**

|                               |                       |                         |            |
|-------------------------------|-----------------------|-------------------------|------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | BDR        |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | DH5 (GFSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |       |   | Limit (kHz) |
|----------------------|-----------------------|-------|-------|---|-------------|
|                      | 1                     | 2     | 3     | 4 |             |
| 5162                 | -                     | 1.256 | 1.252 | - | -           |
| 5203                 | -                     | 1.252 | 1.252 | - | -           |
| 5245                 | -                     | 1.256 | 1.256 | - | -           |

|                               |                       |                         |              |
|-------------------------------|-----------------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | LE 1M (GFSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |       |   | Limit (kHz) |
|----------------------|-----------------------|-------|-------|---|-------------|
|                      | 1                     | 2     | 3     | 4 |             |
| 5162                 | -                     | 1.264 | 1.264 | - | -           |
| 5203                 | -                     | 1.264 | 1.264 | - | -           |
| 5245                 | -                     | 1.264 | 1.264 | - | -           |

|                               |                       |                         |              |
|-------------------------------|-----------------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | LE 2M (GFSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |       |   | Limit (kHz) |
|----------------------|-----------------------|-------|-------|---|-------------|
|                      | 1                     | 2     | 3     | 4 |             |
| 5162                 | -                     | 2.512 | 2.504 | - | -           |
| 5203                 | -                     | 2.504 | 2.504 | - | -           |
| 5245                 | -                     | 2.512 | 2.504 | - | -           |

**26 dB Bandwidth (continued)**

|                               |                       |                         |                        |
|-------------------------------|-----------------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | 4DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |       |   | Limit (kHz) |
|----------------------|-----------------------|-------|-------|---|-------------|
|                      | 1                     | 2     | 3     | 4 |             |
| 5162                 | -                     | 2.752 | 2.744 | - | -           |
| 5203                 | -                     | 2.744 | 2.744 | - | -           |
| 5245                 | -                     | 2.744 | 2.752 | - | -           |

|                               |                       |                         |                        |
|-------------------------------|-----------------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | 8DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |       |   | Limit (kHz) |
|----------------------|-----------------------|-------|-------|---|-------------|
|                      | 1                     | 2     | 3     | 4 |             |
| 5162                 | -                     | 5.415 | 5.415 | - | -           |
| 5203                 | -                     | 5.430 | 5.430 | - | -           |
| 5245                 | -                     | 5.430 | 5.430 | - | -           |

|                               |                       |                         |                |
|-------------------------------|-----------------------|-------------------------|----------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR            |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDRPS2 (OQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |       |   | Limit (kHz) |
|----------------------|-----------------------|-------|-------|---|-------------|
|                      | 1                     | 2     | 3     | 4 |             |
| 5162                 | -                     | 2.720 | 2.720 | - | -           |
| 5203                 | -                     | 2.720 | 2.712 | - | -           |
| 5245                 | -                     | 2.712 | 2.720 | - | -           |

|                               |                       |                         |                 |
|-------------------------------|-----------------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | XHDRPM6 (OQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |       |   | Limit (kHz) |
|----------------------|-----------------------|-------|-------|---|-------------|
|                      | 1                     | 2     | 3     | 4 |             |
| 5163                 | -                     | 5.475 | 5.475 | - | -           |
| 5203                 | -                     | 5.475 | 5.475 | - | -           |
| 5245                 | -                     | 5.475 | 5.475 | - | -           |

**26 dB Bandwidth (continued)**

|                               |                       |                         |                  |
|-------------------------------|-----------------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | XHDRPM16 (16QAM) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |       |   | Limit (kHz) |
|----------------------|-----------------------|-------|-------|---|-------------|
|                      | 1                     | 2     | 3     | 4 |             |
| 5163                 | -                     | 5.430 | 5.430 | - | -           |
| 5203                 | -                     | 5.430 | 5.445 | - | -           |
| 5245                 | -                     | 5.430 | 5.430 | - | -           |

|                               |                       |                         |                  |
|-------------------------------|-----------------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | XHDRPL16 (OQPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |        |   | Limit (kHz) |
|----------------------|-----------------------|--------|--------|---|-------------|
|                      | 1                     | 2      | 3      | 4 |             |
| 5165                 | -                     | 10.860 | 10.860 | - | -           |
| 5203                 | -                     | 10.860 | 10.860 | - | -           |
| 5245                 | -                     | 10.860 | 10.860 | - | -           |

|                               |                       |                         |                 |
|-------------------------------|-----------------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDRPL24 (16QAM) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |        |        |   | Limit (kHz) |
|----------------------|-----------------------|--------|--------|---|-------------|
|                      | 1                     | 2      | 3      | 4 |             |
| 5165                 | -                     | 10.830 | 10.830 | - | -           |
| 5203                 | -                     | 10.830 | 10.860 | - | -           |
| 5245                 | -                     | 10.830 | 10.830 | - | -           |

|                               |                       |                         |                       |
|-------------------------------|-----------------------|-------------------------|-----------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDT                   |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDT3 ( $\pi/4$ -QPSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |       |   | Limit (kHz) |
|----------------------|-----------------------|-------|-------|---|-------------|
|                      | 1                     | 2     | 3     | 4 |             |
| 5162                 | -                     | 2.808 | 2.808 | - | -           |
| 5203                 | -                     | 2.808 | 2.800 | - | -           |
| 5245                 | -                     | 2.808 | 2.800 | - | -           |

**26 dB Bandwidth (continued)**

|                               |                       |                         |             |
|-------------------------------|-----------------------|-------------------------|-------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDT         |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDT4 (8PSK) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |       |   | Limit (kHz) |
|----------------------|-----------------------|-------|-------|---|-------------|
|                      | 1                     | 2     | 3     | 4 |             |
| 5162                 | -                     | 2.840 | 2.840 | - | -           |
| 5203                 | -                     | 2.840 | 2.840 | - | -           |
| 5245                 | -                     | 2.840 | 2.840 | - | -           |

|                               |                       |                         |              |
|-------------------------------|-----------------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDT          |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDT8 (16QAM) |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) |       |       |   | Limit (kHz) |
|----------------------|-----------------------|-------|-------|---|-------------|
|                      | 1                     | 2     | 3     | 4 |             |
| 5162                 | -                     | 2.824 | 2.824 | - | -           |
| 5203                 | -                     | 2.824 | 2.824 | - | -           |
| 5245                 | -                     | 2.824 | 2.824 | - | -           |

### **4.3 Maximum Conducted Output Power**

#### **Test Summary:**

|                                   |             |                   |              |
|-----------------------------------|-------------|-------------------|--------------|
| <b>Test Engineer:</b>             | Jerome Moyo | <b>Test Date:</b> | 05 June 2026 |
| <b>Test Sample Serial Number:</b> | KQH4V6G739  |                   |              |

|                          |                              |
|--------------------------|------------------------------|
| <b>FCC Clause:</b>       | Part 15.407(a)(1)(iv)        |
| <b>Test Method Used:</b> | ANSI C63.10 Section 12.4.3.2 |

#### **Environmental Conditions:**

|                               |    |
|-------------------------------|----|
| <b>Temperature (°C):</b>      | 22 |
| <b>Relative Humidity (%):</b> | 48 |

#### **Note(s):**

1. For Beamforming modes, conducted power was measured on all ports and then combined using the measure-and-sum technique stated in ANSI C63.10 Section 14.3.1.
2. For SISO modes of operation, the antenna gain is < 6 dBi.
3. For Beamforming modes of operation presented in this section of the test report, the EUT has a directional antenna gain of 7.08 dBi. In accordance with Part 15.407(a)(1)(iv), the limit was reduced by the amount in dB that the antenna gain exceeds 6 dBi. Therefore, the limit of 24.0 dBm has been reduced by 1.08 dB to 22.92 dBm.
4. Directional antenna gains have been calculated for the results below using the equations in section 2.4.

**Maximum Conducted Output Power****Results: SISO / ePA / Core 0**

|                               |            |                         |            |
|-------------------------------|------------|-------------------------|------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | BDR        |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | DH5 (GFSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|---|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 9.83 | - | - | -        | 24.00       | 14.17       | 3.40               |
| 5203                 | -                                    | 9.91 | - | - | -        | 24.00       | 14.09       | 3.40               |
| 5245                 | -                                    | 9.76 | - | - | -        | 24.00       | 14.24       | 3.40               |

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | LE 1M (GFSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|---|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 9.88 | - | - | -        | 24.00       | 14.12       | 3.40               |
| 5203                 | -                                    | 9.95 | - | - | -        | 24.00       | 14.05       | 3.40               |
| 5245                 | -                                    | 9.86 | - | - | -        | 24.00       | 14.14       | 3.40               |

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | LE 2M (GFSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |       |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|-------|---|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2     | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 10.61 | - | - | -        | 24.00       | 13.39       | 3.40               |
| 5203                 | -                                    | 10.71 | - | - | -        | 24.00       | 13.29       | 3.40               |
| 5245                 | -                                    | 10.56 | - | - | -        | 24.00       | 13.44       | 3.40               |

**Maximum Conducted Output Power**

|                               |            |                         |                        |
|-------------------------------|------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | 4DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |       |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|-------|---|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2     | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 11.91 | - | - | -        | 24.00       | 12.09       | 3.40               |
| 5203                 | -                                    | 12.00 | - | - | -        | 24.00       | 12.00       | 3.40               |
| 5245                 | -                                    | 11.92 | - | - | -        | 24.00       | 12.08       | 3.40               |

|                               |            |                         |                        |
|-------------------------------|------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | 8DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |       |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|-------|---|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2     | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 12.88 | - | - | -        | 24.00       | 11.12       | 3.40               |
| 5203                 | -                                    | 12.94 | - | - | -        | 24.00       | 11.06       | 3.40               |
| 5245                 | -                                    | 12.82 | - | - | -        | 24.00       | 11.18       | 3.40               |

|                               |            |                         |                |
|-------------------------------|------------|-------------------------|----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR            |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | HDRPS2 (OQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |       |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|-------|---|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2     | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 11.97 | - | - | -        | 24.00       | 12.03       | 3.40               |
| 5203                 | -                                    | 11.55 | - | - | -        | 24.00       | 12.45       | 3.40               |
| 5245                 | -                                    | 11.92 | - | - | -        | 24.00       | 12.08       | 3.40               |

**Maximum Conducted Output Power**

|                               |            |                         |                 |
|-------------------------------|------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | XHDRPM6 (OQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |       |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|-------|---|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2     | 3 | 4 | $\Sigma$ |             |             |                    |
| 5163                 | -                                    | 12.93 | - | - | -        | 24.00       | 11.07       | 3.40               |
| 5203                 | -                                    | 12.78 | - | - | -        | 24.00       | 11.22       | 3.40               |
| 5245                 | -                                    | 12.94 | - | - | -        | 24.00       | 11.06       | 3.40               |

|                               |            |                         |                  |
|-------------------------------|------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | XHDRPM16 (16QAM) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |       |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|-------|---|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2     | 3 | 4 | $\Sigma$ |             |             |                    |
| 5163                 | -                                    | 10.95 | - | - | -        | 24.00       | 13.05       | 3.40               |
| 5203                 | -                                    | 10.99 | - | - | -        | 24.00       | 13.01       | 3.40               |
| 5245                 | -                                    | 10.91 | - | - | -        | 24.00       | 13.09       | 3.40               |

|                               |            |                         |                  |
|-------------------------------|------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | XHDRPL16 (OQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |       |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|-------|---|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2     | 3 | 4 | $\Sigma$ |             |             |                    |
| 5165                 | -                                    | 12.59 | - | - | -        | 24.00       | 11.41       | 3.40               |
| 5203                 | -                                    | 12.69 | - | - | -        | 24.00       | 11.31       | 3.40               |
| 5245                 | -                                    | 12.56 | - | - | -        | 24.00       | 11.44       | 3.40               |

**Maximum Conducted Output Power**

|                               |            |                         |                 |
|-------------------------------|------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | HDRPL24 (16QAM) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |       |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|-------|---|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2     | 3 | 4 | $\Sigma$ |             |             |                    |
| 5165                 | -                                    | 10.84 | - | - | -        | 24.00       | 13.16       | 3.40               |
| 5203                 | -                                    | 10.99 | - | - | -        | 24.00       | 13.01       | 3.40               |
| 5245                 | -                                    | 10.92 | - | - | -        | 24.00       | 13.08       | 3.40               |

|                               |            |                         |                       |
|-------------------------------|------------|-------------------------|-----------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT                   |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | HDT3 ( $\pi/4$ -QPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |       |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|-------|---|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2     | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 11.92 | - | - | -        | 24.00       | 12.08       | 3.40               |
| 5203                 | -                                    | 12.02 | - | - | -        | 24.00       | 11.98       | 3.40               |
| 5245                 | -                                    | 11.89 | - | - | -        | 24.00       | 12.11       | 3.40               |

|                               |            |                         |             |
|-------------------------------|------------|-------------------------|-------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT         |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | HDT4 (8PSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |       |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|-------|---|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2     | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 12.25 | - | - | -        | 24.00       | 11.75       | 3.40               |
| 5203                 | -                                    | 12.06 | - | - | -        | 24.00       | 11.94       | 3.40               |
| 5245                 | -                                    | 12.19 | - | - | -        | 24.00       | 11.81       | 3.40               |

**Maximum Conducted Output Power**

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT          |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | HDT8 (16QAM) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |       |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|-------|---|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2     | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 10.84 | - | - | -        | 24.00       | 13.16       | 3.40               |
| 5203                 | -                                    | 10.89 | - | - | -        | 24.00       | 13.11       | 3.40               |
| 5245                 | -                                    | 10.79 | - | - | -        | 24.00       | 13.21       | 3.40               |

**Results: SISO / ePA / Core 1**

|                               |            |                         |            |
|-------------------------------|------------|-------------------------|------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | BDR        |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | DH5 (GFSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | - | 9.64 | - | -        | 24.00       | 14.36       | 4.70               |
| 5203                 | -                                    | - | 9.61 | - | -        | 24.00       | 14.39       | 4.70               |
| 5245                 | -                                    | - | 9.78 | - | -        | 24.00       | 14.22       | 4.70               |

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | LE 1M (GFSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | - | 9.68 | - | -        | 24.00       | 14.32       | 4.70               |
| 5203                 | -                                    | - | 9.68 | - | -        | 24.00       | 14.32       | 4.70               |
| 5245                 | -                                    | - | 9.83 | - | -        | 24.00       | 14.17       | 4.70               |

**Maximum Conducted Output Power (continued)**

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | LE 2M (GFSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |   |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|---|-------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2 | 3     | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | - | 10.44 | - | -        | 24.00       | 13.56       | 4.70               |
| 5203                 | -                                    | - | 10.42 | - | -        | 24.00       | 13.58       | 4.70               |
| 5245                 | -                                    | - | 10.59 | - | -        | 24.00       | 13.41       | 4.70               |

|                               |            |                         |                        |
|-------------------------------|------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | 4DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |   |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|---|-------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2 | 3     | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | - | 11.54 | - | -        | 24.00       | 12.46       | 4.70               |
| 5203                 | -                                    | - | 11.55 | - | -        | 24.00       | 12.45       | 4.70               |
| 5245                 | -                                    | - | 11.63 | - | -        | 24.00       | 12.37       | 4.70               |

|                               |            |                         |                        |
|-------------------------------|------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | 8DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |   |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|---|-------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2 | 3     | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | - | 12.92 | - | -        | 24.00       | 11.08       | 4.70               |
| 5203                 | -                                    | - | 12.88 | - | -        | 24.00       | 11.12       | 4.70               |
| 5245                 | -                                    | - | 12.56 | - | -        | 24.00       | 11.44       | 4.70               |

**Maximum Conducted Output Power (continued)**

|                               |            |                         |                |
|-------------------------------|------------|-------------------------|----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR            |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDRPS2 (OQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |   |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|---|-------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2 | 3     | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | - | 11.85 | - | -        | 24.00       | 12.15       | 4.70               |
| 5203                 | -                                    | - | 11.77 | - | -        | 24.00       | 12.23       | 4.70               |
| 5245                 | -                                    | - | 11.95 | - | -        | 24.00       | 12.05       | 4.70               |

|                               |            |                         |                 |
|-------------------------------|------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | XHDRPM6 (OQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |   |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|---|-------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2 | 3     | 4 | $\Sigma$ |             |             |                    |
| 5163                 | -                                    | - | 12.95 | - | -        | 24.00       | 11.05       | 4.70               |
| 5203                 | -                                    | - | 12.98 | - | -        | 24.00       | 11.02       | 4.70               |
| 5245                 | -                                    | - | 12.90 | - | -        | 24.00       | 11.10       | 4.70               |

|                               |            |                         |                  |
|-------------------------------|------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | XHDRPM16 (16QAM) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |   |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|---|-------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2 | 3     | 4 | $\Sigma$ |             |             |                    |
| 5163                 | -                                    | - | 10.98 | - | -        | 24.00       | 13.02       | 4.70               |
| 5203                 | -                                    | - | 10.96 | - | -        | 24.00       | 13.04       | 4.70               |
| 5245                 | -                                    | - | 10.89 | - | -        | 24.00       | 13.11       | 4.70               |

**Maximum Conducted Output Power (continued)**

|                               |            |                         |                  |
|-------------------------------|------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | XHDRPL16 (OQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |   |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|---|-------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2 | 3     | 4 | $\Sigma$ |             |             |                    |
| 5165                 | -                                    | - | 12.78 | - | -        | 24.00       | 11.22       | 4.70               |
| 5203                 | -                                    | - | 12.78 | - | -        | 24.00       | 11.22       | 4.70               |
| 5245                 | -                                    | - | 12.67 | - | -        | 24.00       | 11.33       | 4.70               |

|                               |            |                         |                 |
|-------------------------------|------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDRPL24 (16QAM) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |   |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|---|-------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2 | 3     | 4 | $\Sigma$ |             |             |                    |
| 5165                 | -                                    | - | 10.97 | - | -        | 24.00       | 13.03       | 4.70               |
| 5203                 | -                                    | - | 10.95 | - | -        | 24.00       | 13.05       | 4.70               |
| 5245                 | -                                    | - | 10.61 | - | -        | 24.00       | 13.39       | 4.70               |

|                               |            |                         |                       |
|-------------------------------|------------|-------------------------|-----------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT                   |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDT3 ( $\pi/4$ -QPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |   |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|---|-------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2 | 3     | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | - | 12.02 | - | -        | 24.00       | 11.98       | 4.70               |
| 5203                 | -                                    | - | 12.03 | - | -        | 24.00       | 11.97       | 4.70               |
| 5245                 | -                                    | - | 12.19 | - | -        | 24.00       | 11.81       | 4.70               |

**Maximum Conducted Output Power (continued)**

|                               |            |                         |             |
|-------------------------------|------------|-------------------------|-------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT         |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDT4 (8PSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |   |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|---|-------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2 | 3     | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | - | 11.80 | - | -        | 24.00       | 12.20       | 4.70               |
| 5203                 | -                                    | - | 11.80 | - | -        | 24.00       | 12.20       | 4.70               |
| 5245                 | -                                    | - | 11.92 | - | -        | 24.00       | 12.08       | 4.70               |

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT          |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDT8 (16QAM) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |   |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|---|-------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2 | 3     | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | - | 10.67 | - | -        | 24.00       | 13.33       | 4.70               |
| 5203                 | -                                    | - | 10.65 | - | -        | 24.00       | 13.35       | 4.70               |
| 5245                 | -                                    | - | 10.82 | - | -        | 24.00       | 13.18       | 4.70               |

**Results: SISO / iPA / Core 0**

|                               |            |                         |            |
|-------------------------------|------------|-------------------------|------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | BDR        |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | DH5 (GFSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|---|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 6.76 | - | - | -        | 24.00       | 17.24       | 3.40               |
| 5203                 | -                                    | 6.60 | - | - | -        | 24.00       | 17.40       | 3.40               |
| 5245                 | -                                    | 6.56 | - | - | -        | 24.00       | 17.44       | 3.40               |

**Maximum Conducted Output Power**

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | LE 1M (GFSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|---|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 6.64 | - | - | -        | 24.00       | 17.36       | 3.40               |
| 5203                 | -                                    | 6.55 | - | - | -        | 24.00       | 17.45       | 3.40               |
| 5245                 | -                                    | 6.54 | - | - | -        | 24.00       | 17.46       | 3.40               |

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | LE 2M (GFSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|---|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 6.74 | - | - | -        | 24.00       | 17.26       | 3.40               |
| 5203                 | -                                    | 6.59 | - | - | -        | 24.00       | 17.41       | 3.40               |
| 5245                 | -                                    | 6.56 | - | - | -        | 24.00       | 17.44       | 3.40               |

|                               |            |                         |                        |
|-------------------------------|------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | 4DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|---|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 3.70 | - | - | -        | 24.00       | 20.30       | 3.40               |
| 5203                 | -                                    | 3.60 | - | - | -        | 24.00       | 20.40       | 3.40               |
| 5245                 | -                                    | 3.54 | - | - | -        | 24.00       | 20.46       | 3.40               |

**Maximum Conducted Output Power**

|                               |            |                         |                        |
|-------------------------------|------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | 8DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|---|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 3.76 | - | - | -        | 24.00       | 20.24       | 3.40               |
| 5203                 | -                                    | 3.58 | - | - | -        | 24.00       | 20.42       | 3.40               |
| 5245                 | -                                    | 3.52 | - | - | -        | 24.00       | 20.48       | 3.40               |

|                               |            |                         |                |
|-------------------------------|------------|-------------------------|----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR            |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | HDRPS2 (OQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|---|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 3.77 | - | - | -        | 24.00       | 20.23       | 3.40               |
| 5203                 | -                                    | 3.59 | - | - | -        | 24.00       | 20.41       | 3.40               |
| 5245                 | -                                    | 3.53 | - | - | -        | 24.00       | 20.47       | 3.40               |

|                               |            |                         |                 |
|-------------------------------|------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | XHDRPM6 (OQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|---|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3 | 4 | $\Sigma$ |             |             |                    |
| 5163                 | -                                    | 3.76 | - | - | -        | 24.00       | 20.24       | 3.40               |
| 5203                 | -                                    | 3.57 | - | - | -        | 24.00       | 20.43       | 3.40               |
| 5245                 | -                                    | 3.51 | - | - | -        | 24.00       | 20.49       | 3.40               |

**Maximum Conducted Output Power**

|                               |            |                         |                  |
|-------------------------------|------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | XHDRPM16 (16QAM) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|---|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3 | 4 | $\Sigma$ |             |             |                    |
| 5163                 | -                                    | 0.78 | - | - | -        | 24.00       | 23.22       | 3.40               |
| 5203                 | -                                    | 0.58 | - | - | -        | 24.00       | 23.42       | 3.40               |
| 5245                 | -                                    | 0.53 | - | - | -        | 24.00       | 23.47       | 3.40               |

|                               |            |                         |                  |
|-------------------------------|------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | XHDRPL16 (OQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|---|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3 | 4 | $\Sigma$ |             |             |                    |
| 5165                 | -                                    | 3.66 | - | - | -        | 24.00       | 20.34       | 3.40               |
| 5203                 | -                                    | 3.94 | - | - | -        | 24.00       | 20.06       | 3.40               |
| 5245                 | -                                    | 3.90 | - | - | -        | 24.00       | 20.10       | 3.40               |

|                               |            |                         |                 |
|-------------------------------|------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | HDRPL24 (16QAM) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|---|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3 | 4 | $\Sigma$ |             |             |                    |
| 5165                 | -                                    | 0.66 | - | - | -        | 24.00       | 23.34       | 3.40               |
| 5203                 | -                                    | 0.70 | - | - | -        | 24.00       | 23.30       | 3.40               |
| 5245                 | -                                    | 0.65 | - | - | -        | 24.00       | 23.35       | 3.40               |

**Maximum Conducted Output Power**

|                               |            |                         |                       |
|-------------------------------|------------|-------------------------|-----------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT                   |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | HDT3 ( $\pi/4$ -QPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|---|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 3.71 | - | - | -        | 24.00       | 20.29       | 3.40               |
| 5203                 | -                                    | 3.52 | - | - | -        | 24.00       | 20.48       | 3.40               |
| 5245                 | -                                    | 3.95 | - | - | -        | 24.00       | 20.05       | 3.40               |

|                               |            |                         |             |
|-------------------------------|------------|-------------------------|-------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT         |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | HDT4 (8PSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|---|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 3.71 | - | - | -        | 24.00       | 20.29       | 3.40               |
| 5203                 | -                                    | 3.54 | - | - | -        | 24.00       | 20.46       | 3.40               |
| 5245                 | -                                    | 3.95 | - | - | -        | 24.00       | 20.05       | 3.40               |

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT          |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | HDT8 (16QAM) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|---|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 0.69 | - | - | -        | 24.00       | 23.31       | 3.40               |
| 5203                 | -                                    | 0.75 | - | - | -        | 24.00       | 23.25       | 3.40               |
| 5245                 | -                                    | 0.69 | - | - | -        | 24.00       | 23.31       | 3.40               |

**Maximum Conducted Output Power (continued)****Results: SISO / iPA / Core 1**

|                               |            |                         |            |
|-------------------------------|------------|-------------------------|------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | BDR        |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | DH5 (GFSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | - | 6.90 | - | -        | 24.00       | 17.10       | 4.70               |
| 5203                 | -                                    | - | 6.56 | - | -        | 24.00       | 17.44       | 4.70               |
| 5245                 | -                                    | - | 6.79 | - | -        | 24.00       | 17.21       | 4.70               |

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | LE 1M (GFSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | - | 6.92 | - | -        | 24.00       | 17.08       | 4.70               |
| 5203                 | -                                    | - | 6.58 | - | -        | 24.00       | 17.42       | 4.70               |
| 5245                 | -                                    | - | 6.80 | - | -        | 24.00       | 17.20       | 4.70               |

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | LE 2M (GFSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | - | 6.92 | - | -        | 24.00       | 17.08       | 4.70               |
| 5203                 | -                                    | - | 6.59 | - | -        | 24.00       | 17.41       | 4.70               |
| 5245                 | -                                    | - | 6.81 | - | -        | 24.00       | 17.19       | 4.70               |

**Maximum Conducted Output Power (continued)**

|                               |            |                         |                        |
|-------------------------------|------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | 4DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | - | 3.92 | - | -        | 24.00       | 20.08       | 4.70               |
| 5203                 | -                                    | - | 3.60 | - | -        | 24.00       | 20.40       | 4.70               |
| 5245                 | -                                    | - | 3.82 | - | -        | 24.00       | 20.18       | 4.70               |

|                               |            |                         |                        |
|-------------------------------|------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | 8DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | - | 3.88 | - | -        | 24.00       | 20.12       | 4.70               |
| 5203                 | -                                    | - | 3.57 | - | -        | 24.00       | 20.43       | 4.70               |
| 5245                 | -                                    | - | 3.80 | - | -        | 24.00       | 20.20       | 4.70               |

|                               |            |                         |                |
|-------------------------------|------------|-------------------------|----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR            |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDRPS2 (OQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | - | 3.90 | - | -        | 24.00       | 20.10       | 4.70               |
| 5203                 | -                                    | - | 3.58 | - | -        | 24.00       | 20.42       | 4.70               |
| 5245                 | -                                    | - | 3.79 | - | -        | 24.00       | 20.21       | 4.70               |

**Maximum Conducted Output Power (continued)**

|                               |            |                         |                 |
|-------------------------------|------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | XHDRPM6 (OQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5163                 | -                                    | - | 3.95 | - | -        | 24.00       | 20.05       | 4.70               |
| 5203                 | -                                    | - | 3.54 | - | -        | 24.00       | 20.46       | 4.70               |
| 5245                 | -                                    | - | 3.76 | - | -        | 24.00       | 20.24       | 4.70               |

|                               |            |                         |                  |
|-------------------------------|------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | XHDRPM16 (16QAM) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5163                 | -                                    | - | 0.71 | - | -        | 24.00       | 23.29       | 4.70               |
| 5203                 | -                                    | - | 0.51 | - | -        | 24.00       | 23.49       | 4.70               |
| 5245                 | -                                    | - | 0.78 | - | -        | 24.00       | 23.22       | 4.70               |

|                               |            |                         |                  |
|-------------------------------|------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | XHDRPL16 (OQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5165                 | -                                    | - | 3.99 | - | -        | 24.00       | 20.01       | 4.70               |
| 5203                 | -                                    | - | 3.90 | - | -        | 24.00       | 20.10       | 4.70               |
| 5245                 | -                                    | - | 3.64 | - | -        | 24.00       | 20.36       | 4.70               |

**Maximum Conducted Output Power (continued)**

|                               |            |                         |                 |
|-------------------------------|------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDRPL24 (16QAM) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5165                 | -                                    | - | 0.59 | - | -        | 24.00       | 23.41       | 4.70               |
| 5203                 | -                                    | - | 0.65 | - | -        | 24.00       | 23.35       | 4.70               |
| 5245                 | -                                    | - | 0.64 | - | -        | 24.00       | 23.36       | 4.70               |

|                               |            |                         |                       |
|-------------------------------|------------|-------------------------|-----------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT                   |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDT3 ( $\pi/4$ -QPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | - | 3.82 | - | -        | 24.00       | 20.18       | 4.70               |
| 5203                 | -                                    | - | 3.50 | - | -        | 24.00       | 20.50       | 4.70               |
| 5245                 | -                                    | - | 3.72 | - | -        | 24.00       | 20.28       | 4.70               |

|                               |            |                         |             |
|-------------------------------|------------|-------------------------|-------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT         |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDT4 (8PSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | - | 3.83 | - | -        | 24.00       | 20.17       | 4.70               |
| 5203                 | -                                    | - | 3.50 | - | -        | 24.00       | 20.50       | 4.70               |
| 5245                 | -                                    | - | 3.72 | - | -        | 24.00       | 20.28       | 4.70               |

**Maximum Conducted Output Power (continued)**

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT          |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDT8 (16QAM) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | - | 0.51 | - | -        | 24.00       | 23.49       | 4.70               |
| 5203                 | -                                    | - | 0.68 | - | -        | 24.00       | 23.32       | 4.70               |
| 5245                 | -                                    | - | 0.69 | - | -        | 24.00       | 23.31       | 4.70               |

**Results: Beamforming / ePA**

|                               |                       |                         |            |
|-------------------------------|-----------------------|-------------------------|------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | BDR        |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | DH5 (GFSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 5.50 | 5.37 | - | 8.44     | 22.92       | 14.47       | 7.08               |
| 5203                 | -                                    | 5.58 | 5.38 | - | 8.49     | 22.92       | 14.42       | 7.08               |
| 5245                 | -                                    | 5.66 | 5.46 | - | 8.58     | 22.92       | 14.34       | 7.08               |

|                               |                       |                         |              |
|-------------------------------|-----------------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | LE 1M (GFSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 5.56 | 5.44 | - | 8.51     | 22.92       | 14.40       | 7.08               |
| 5203                 | -                                    | 5.63 | 5.46 | - | 8.55     | 22.92       | 14.36       | 7.08               |
| 5245                 | -                                    | 5.49 | 5.56 | - | 8.53     | 22.92       | 14.38       | 7.08               |

**Maximum Conducted Output Power (continued)**

|                               |                       |                         |              |
|-------------------------------|-----------------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | LE 2M (GFSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 6.59 | 6.33 | - | 9.47     | 22.92       | 13.44       | 7.08               |
| 5203                 | -                                    | 6.63 | 6.36 | - | 9.51     | 22.92       | 13.41       | 7.08               |
| 5245                 | -                                    | 6.74 | 6.51 | - | 9.64     | 22.92       | 13.28       | 7.08               |

|                               |                       |                         |                        |
|-------------------------------|-----------------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | 4DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 7.96 | 7.96 | - | 10.97    | 22.92       | 11.94       | 7.08               |
| 5203                 | -                                    | 7.98 | 7.93 | - | 10.97    | 22.92       | 11.95       | 7.08               |
| 5245                 | -                                    | 7.86 | 7.62 | - | 10.75    | 22.92       | 12.16       | 7.08               |

|                               |                       |                         |                        |
|-------------------------------|-----------------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | 8DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 9.92 | 9.96 | - | 12.95    | 22.92       | 9.96        | 7.08               |
| 5203                 | -                                    | 9.97 | 9.92 | - | 12.96    | 22.92       | 9.96        | 7.08               |
| 5245                 | -                                    | 9.86 | 9.54 | - | 12.71    | 22.92       | 10.21       | 7.08               |

**Maximum Conducted Output Power (continued)**

|                               |                       |                         |                |
|-------------------------------|-----------------------|-------------------------|----------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR            |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDRPS2 (OQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 7.57 | 7.64 | - | 10.62    | 22.92       | 12.30       | 7.08               |
| 5203                 | -                                    | 7.89 | 7.74 | - | 10.83    | 22.92       | 12.09       | 7.08               |
| 5245                 | -                                    | 7.77 | 8.00 | - | 10.90    | 22.92       | 12.02       | 7.08               |

|                               |                       |                         |                 |
|-------------------------------|-----------------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | XHDRPM6 (OQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |       |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|-------|-------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2     | 3     | 4 | $\Sigma$ |             |             |                    |
| 5163                 | -                                    | 10.44 | 10.48 | - | 13.47    | 22.92       | 9.45        | 7.08               |
| 5203                 | -                                    | 10.47 | 10.44 | - | 13.46    | 22.92       | 9.45        | 7.08               |
| 5245                 | -                                    | 10.38 | 10.31 | - | 13.35    | 22.92       | 9.56        | 7.08               |

|                               |                       |                         |                  |
|-------------------------------|-----------------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | XHDRPM16 (16QAM) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |       |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|-------|-------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2     | 3     | 4 | $\Sigma$ |             |             |                    |
| 5163                 | -                                    | 10.43 | 10.46 | - | 13.46    | 22.92       | 9.46        | 7.08               |
| 5203                 | -                                    | 10.46 | 10.42 | - | 13.45    | 22.92       | 9.47        | 7.08               |
| 5245                 | -                                    | 10.39 | 10.34 | - | 13.38    | 22.92       | 9.54        | 7.08               |

**Maximum Conducted Output Power (continued)**

|                               |                       |                         |                  |
|-------------------------------|-----------------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | XHDRPL16 (OQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |       |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|-------|-------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2     | 3     | 4 | $\Sigma$ |             |             |                    |
| 5165                 | -                                    | 12.93 | 12.89 | - | 15.92    | 22.92       | 7.00        | 7.08               |
| 5203                 | -                                    | 12.66 | 12.79 | - | 15.73    | 22.92       | 7.18        | 7.08               |
| 5245                 | -                                    | 12.56 | 12.93 | - | 15.76    | 22.92       | 7.16        | 7.08               |

|                               |                       |                         |                 |
|-------------------------------|-----------------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDRPL24 (16QAM) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |       |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|-------|-------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2     | 3     | 4 | $\Sigma$ |             |             |                    |
| 5165                 | -                                    | 10.78 | 10.95 | - | 13.88    | 22.92       | 9.04        | 7.08               |
| 5203                 | -                                    | 10.95 | 10.92 | - | 13.94    | 22.92       | 8.97        | 7.08               |
| 5245                 | -                                    | 10.88 | 10.82 | - | 13.86    | 22.92       | 9.06        | 7.08               |

|                               |                       |                         |                       |
|-------------------------------|-----------------------|-------------------------|-----------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDT                   |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDT3 ( $\pi/4$ -QPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 8.16 | 7.98 | - | 11.08    | 22.92       | 11.83       | 7.08               |
| 5203                 | -                                    | 8.23 | 7.97 | - | 11.11    | 22.92       | 11.81       | 7.08               |
| 5245                 | -                                    | 8.11 | 7.84 | - | 10.99    | 22.92       | 11.93       | 7.08               |

**Maximum Conducted Output Power (continued)**

|                               |                       |                         |             |
|-------------------------------|-----------------------|-------------------------|-------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDT         |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDT4 (8PSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 8.08 | 8.18 | - | 11.14    | 22.92       | 11.77       | 7.08               |
| 5203                 | -                                    | 8.14 | 8.15 | - | 11.16    | 22.92       | 11.76       | 7.08               |
| 5245                 | -                                    | 8.02 | 7.82 | - | 10.93    | 22.92       | 11.98       | 7.08               |

|                               |                       |                         |              |
|-------------------------------|-----------------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDT          |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDT8 (16QAM) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 8.00 | 7.58 | - | 10.81    | 22.92       | 12.11       | 7.08               |
| 5203                 | -                                    | 7.83 | 7.55 | - | 10.70    | 22.92       | 12.21       | 7.08               |
| 5245                 | -                                    | 7.93 | 7.57 | - | 10.77    | 22.92       | 12.15       | 7.08               |

**Results: Beamforming / iPA**

|                               |                       |                         |            |
|-------------------------------|-----------------------|-------------------------|------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | BDR        |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | DH5 (GFSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 5.48 | 5.57 | - | 8.54     | 22.92       | 14.38       | 7.08               |
| 5203                 | -                                    | 5.29 | 5.25 | - | 8.28     | 22.92       | 14.63       | 7.08               |
| 5245                 | -                                    | 5.72 | 5.46 | - | 8.60     | 22.92       | 14.31       | 7.08               |

**Maximum Conducted Output Power (continued)**

|                               |                       |                         |              |
|-------------------------------|-----------------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | LE 1M (GFSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 5.47 | 5.59 | - | 8.54     | 22.92       | 14.38       | 7.08               |
| 5203                 | -                                    | 5.27 | 5.25 | - | 8.27     | 22.92       | 14.64       | 7.08               |
| 5245                 | -                                    | 5.70 | 5.47 | - | 8.60     | 22.92       | 14.32       | 7.08               |

|                               |                       |                         |              |
|-------------------------------|-----------------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | LE 2M (GFSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 6.42 | 6.58 | - | 9.51     | 22.92       | 13.40       | 7.08               |
| 5203                 | -                                    | 6.26 | 6.27 | - | 9.27     | 22.92       | 13.64       | 7.08               |
| 5245                 | -                                    | 6.75 | 6.47 | - | 9.62     | 22.92       | 13.29       | 7.08               |

|                               |                       |                         |                        |
|-------------------------------|-----------------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | 4DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 3.74 | 3.82 | - | 6.79     | 22.92       | 16.13       | 7.08               |
| 5203                 | -                                    | 3.54 | 3.51 | - | 6.53     | 22.92       | 16.38       | 7.08               |
| 5245                 | -                                    | 3.95 | 3.73 | - | 6.85     | 22.92       | 16.06       | 7.08               |

**Maximum Conducted Output Power (continued)**

|                               |                       |                         |                        |
|-------------------------------|-----------------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | 8DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 3.68 | 3.78 | - | 6.74     | 22.92       | 16.17       | 7.08               |
| 5203                 | -                                    | 3.97 | 3.94 | - | 6.97     | 22.92       | 15.95       | 7.08               |
| 5245                 | -                                    | 3.92 | 3.70 | - | 6.82     | 22.92       | 16.10       | 7.08               |

|                               |                       |                         |                |
|-------------------------------|-----------------------|-------------------------|----------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR            |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDRPS2 (OQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 3.69 | 3.79 | - | 6.75     | 22.92       | 16.17       | 7.08               |
| 5203                 | -                                    | 3.50 | 3.95 | - | 6.74     | 22.92       | 16.18       | 7.08               |
| 5245                 | -                                    | 3.92 | 3.70 | - | 6.82     | 22.92       | 16.09       | 7.08               |

|                               |                       |                         |                 |
|-------------------------------|-----------------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | XHDRPM6 (OQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5163                 | -                                    | 3.66 | 3.99 | - | 6.84     | 22.92       | 16.08       | 7.08               |
| 5203                 | -                                    | 3.96 | 3.93 | - | 6.95     | 22.92       | 15.96       | 7.08               |
| 5245                 | -                                    | 3.91 | 3.68 | - | 6.80     | 22.92       | 16.11       | 7.08               |

**Maximum Conducted Output Power (continued)**

|                               |                       |                         |                  |
|-------------------------------|-----------------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | XHDRPM16 (16QAM) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5163                 | -                                    | 0.69 | 0.65 | - | 3.68     | 22.92       | 19.24       | 7.08               |
| 5203                 | -                                    | 0.72 | 0.69 | - | 3.72     | 22.92       | 19.20       | 7.08               |
| 5245                 | -                                    | 0.68 | 0.69 | - | 3.70     | 22.92       | 19.22       | 7.08               |

|                               |                       |                         |                  |
|-------------------------------|-----------------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | XHDRPL16 (OQPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5165                 | -                                    | 3.57 | 3.88 | - | 6.74     | 22.92       | 16.18       | 7.08               |
| 5203                 | -                                    | 3.84 | 3.81 | - | 6.83     | 22.92       | 16.08       | 7.08               |
| 5245                 | -                                    | 3.96 | 3.54 | - | 6.76     | 22.92       | 16.15       | 7.08               |

|                               |                       |                         |                 |
|-------------------------------|-----------------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDRPL24 (16QAM) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5165                 | -                                    | 0.56 | 0.52 | - | 3.55     | 22.92       | 19.36       | 7.08               |
| 5203                 | -                                    | 0.59 | 0.55 | - | 3.58     | 22.92       | 19.33       | 7.08               |
| 5245                 | -                                    | 0.56 | 0.54 | - | 3.56     | 22.92       | 19.36       | 7.08               |

**Maximum Conducted Output Power (continued)**

|                               |                       |                         |                       |
|-------------------------------|-----------------------|-------------------------|-----------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDT                   |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDT3 ( $\pi/4$ -QPSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 3.61 | 3.96 | - | 6.80     | 22.92       | 16.12       | 7.08               |
| 5203                 | -                                    | 3.91 | 3.89 | - | 6.91     | 22.92       | 16.01       | 7.08               |
| 5245                 | -                                    | 4.00 | 3.62 | - | 6.82     | 22.92       | 16.09       | 7.08               |

|                               |                       |                         |             |
|-------------------------------|-----------------------|-------------------------|-------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDT         |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDT4 (8PSK) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 3.62 | 3.96 | - | 6.80     | 22.92       | 16.11       | 7.08               |
| 5203                 | -                                    | 3.92 | 3.88 | - | 6.91     | 22.92       | 16.01       | 7.08               |
| 5245                 | -                                    | 4.00 | 3.62 | - | 6.82     | 22.92       | 16.09       | 7.08               |

|                               |                       |                         |              |
|-------------------------------|-----------------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDT          |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDT8 (16QAM) |

| Test Frequency (MHz) | Maximum Conducted Output Power (dBm) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|--------------------------------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1                                    | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -                                    | 0.59 | 0.68 | - | 3.64     | 22.92       | 19.27       | 7.08               |
| 5203                 | -                                    | 0.64 | 0.60 | - | 3.63     | 22.92       | 19.29       | 7.08               |
| 5245                 | -                                    | 0.58 | 0.60 | - | 3.60     | 22.92       | 19.32       | 7.08               |

#### **4.4 Maximum Power Spectral Density**

##### **Test Summary:**

|                                   |             |                   |              |
|-----------------------------------|-------------|-------------------|--------------|
| <b>Test Engineer:</b>             | Jerome Moyo | <b>Test Date:</b> | 05 June 2026 |
| <b>Test Sample Serial Number:</b> | KQH4V6G739  |                   |              |

|                          |                                                        |
|--------------------------|--------------------------------------------------------|
| <b>FCC Clause:</b>       | Part 15.407(a)(1)(iv)                                  |
| <b>Test Method Used:</b> | ANSI C63.10 Section 12.6. referencing Section 12.4.2.4 |

##### **Environmental Conditions:**

|                               |    |
|-------------------------------|----|
| <b>Temperature (°C):</b>      | 22 |
| <b>Relative Humidity (%):</b> | 48 |

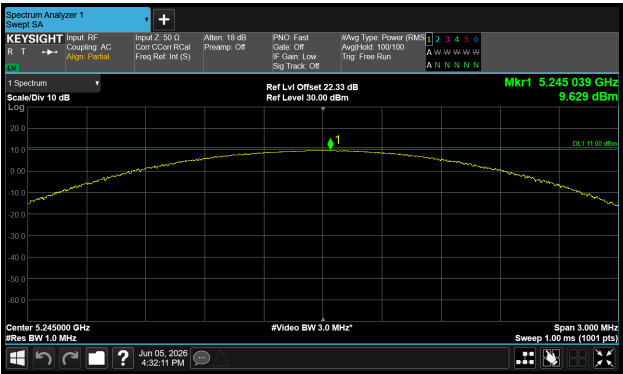
##### **N Note(s):**

1. For data rates where the EUT was transmitting at <98% duty cycle, the equation in section 2.4 was used to calculate the correction factor based on the measured duty cycle in section 4.1. The correction factor was added to the spectrum analyser reference level offset to calculate the average maximum power spectral density during the actual transmission time.
2. For Beamforming modes, PSD was measured on all ports and then combined using the measure-and-sum technique stated in ANSI C63.10 Section 14.5.2.2.
3. For SISO modes of operation, the antenna gain is < 6 dBi.
4. For Beamforming modes of operation presented in this section of the test report, the EUT has a directional antenna gain of 7.08 dBi. In accordance with Part 15.407(a)(1)(iv), the limit was reduced by the amount in dB the antenna gain exceeds 6 dBi. Therefore, the limit of 11.0 dBm has been reduced by 1.08 dB to 9.92 dBm.
5. Directional antenna gains have been calculated for the results below using the equations in section 2.4.
6. Example plots of each modulation on the worst-case channel, for one antenna configuration, can be seen below to show setting parameters comply with testing method/procedure. All other plots are archived on the UL IT server and available for inspection if required.

Maximum PSD (continued)  
Results: SISO / ePA / Core 0

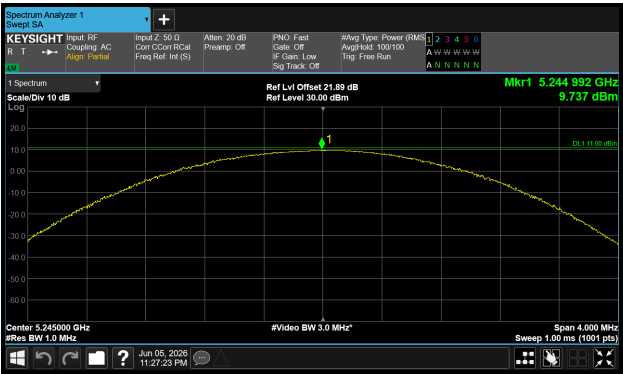
|                        |            |                  |            |
|------------------------|------------|------------------|------------|
| Antenna Configuration: | SISO       | Mode:            | BDR        |
| Test Port:             | 2 (Core 0) | Rate/Modulation: | DH5 (GFSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |   | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|---|---|---|-------------|-------------|--------------------|
|                      | 1               | 2    | 3 | 4 | Σ |             |             |                    |
| 5162                 | -               | 9.45 | - | - | - | 11.00       | 1.55        | 3.40               |
| 5203                 | -               | 9.16 | - | - | - | 11.00       | 1.84        | 3.40               |
| 5245                 | -               | 9.63 | - | - | - | 11.00       | 1.37        | 3.40               |



|                        |            |                  |              |
|------------------------|------------|------------------|--------------|
| Antenna Configuration: | SISO       | Mode:            | LE           |
| Test Port:             | 2 (Core 0) | Rate/Modulation: | LE 1M (GFSK) |

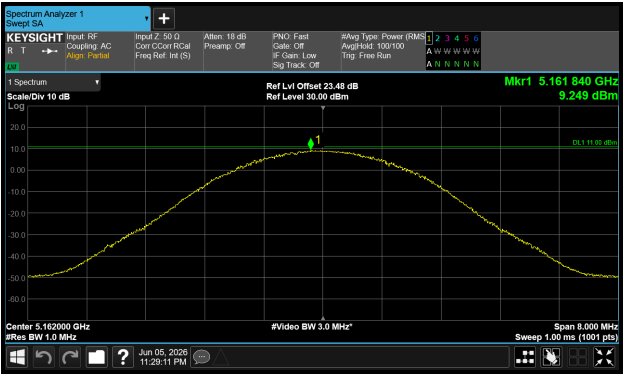
| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |   | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|---|---|---|-------------|-------------|--------------------|
|                      | 1               | 2    | 3 | 4 | Σ |             |             |                    |
| 5162                 | -               | 9.44 | - | - | - | 11.00       | 1.56        | 3.40               |
| 5203                 | -               | 9.60 | - | - | - | 11.00       | 1.40        | 3.40               |
| 5245                 | -               | 9.74 | - | - | - | 11.00       | 1.26        | 3.40               |



Maximum PSD (continued)

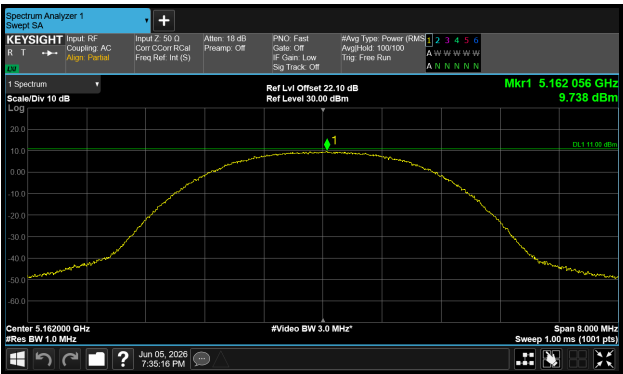
|                        |            |                  |              |
|------------------------|------------|------------------|--------------|
| Antenna Configuration: | SISO       | Mode:            | LE           |
| Test Port:             | 2 (Core 0) | Rate/Modulation: | LE 2M (GFSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |   | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|---|---|---|-------------|-------------|--------------------|
|                      | 1               | 2    | 3 | 4 | Σ |             |             |                    |
| 5162                 | -               | 9.25 | - | - | - | 11.00       | 1.75        | 3.40               |
| 5203                 | -               | 8.92 | - | - | - | 11.00       | 2.08        | 3.40               |
| 5245                 | -               | 9.12 | - | - | - | 11.00       | 1.88        | 3.40               |



|                        |            |                  |                  |
|------------------------|------------|------------------|------------------|
| Antenna Configuration: | SISO       | Mode:            | HDR              |
| Test Port:             | 2 (Core 0) | Rate/Modulation: | 4DH5 (π/4-DQPSK) |

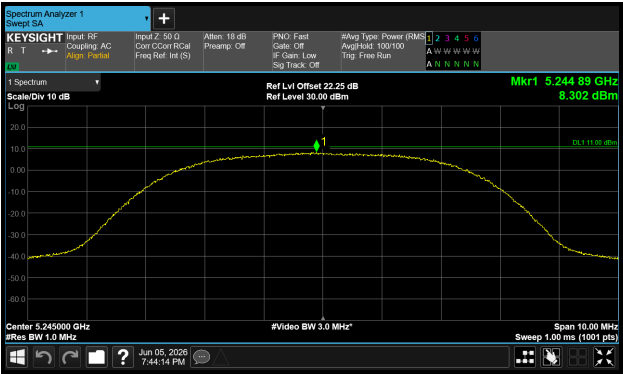
| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |   | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|---|---|---|-------------|-------------|--------------------|
|                      | 1               | 2    | 3 | 4 | Σ |             |             |                    |
| 5162                 | -               | 9.74 | - | - | - | 11.00       | 1.26        | 3.40               |
| 5203                 | -               | 9.49 | - | - | - | 11.00       | 1.51        | 3.40               |
| 5245                 | -               | 9.21 | - | - | - | 11.00       | 1.79        | 3.40               |



Maximum PSD (continued)

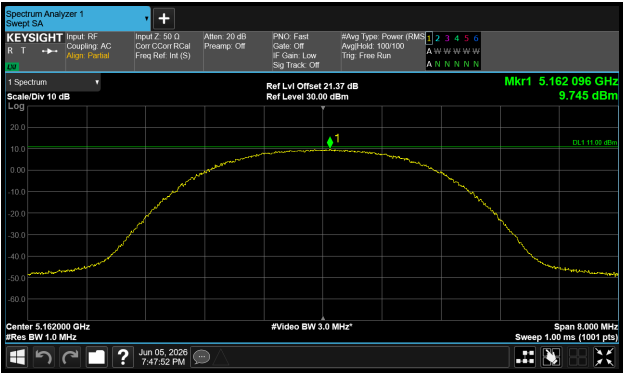
|                        |            |                  |                        |
|------------------------|------------|------------------|------------------------|
| Antenna Configuration: | SISO       | Mode:            | HDR                    |
| Test Port:             | 2 (Core 0) | Rate/Modulation: | 8DH5 ( $\pi$ /4-DQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|---|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | 7.65 | - | - | -        | 11.00       | 3.35        | 3.40               |
| 5203                 | -               | 7.83 | - | - | -        | 11.00       | 3.17        | 3.40               |
| 5245                 | -               | 8.30 | - | - | -        | 11.00       | 2.70        | 3.40               |



|                        |            |                  |                |
|------------------------|------------|------------------|----------------|
| Antenna Configuration: | SISO       | Mode:            | HDR            |
| Test Port:             | 2 (Core 0) | Rate/Modulation: | HDRPS2 (OQPSK) |

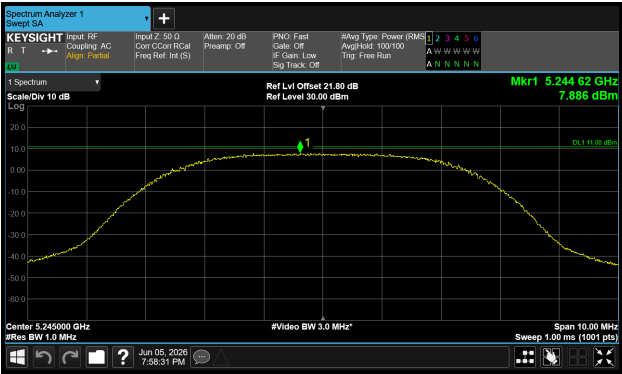
| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|---|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | 9.74 | - | - | -        | 11.00       | 1.26        | 3.40               |
| 5203                 | -               | 8.78 | - | - | -        | 11.00       | 2.22        | 3.40               |
| 5245                 | -               | 9.72 | - | - | -        | 11.00       | 1.28        | 3.40               |



Maximum PSD (continued)

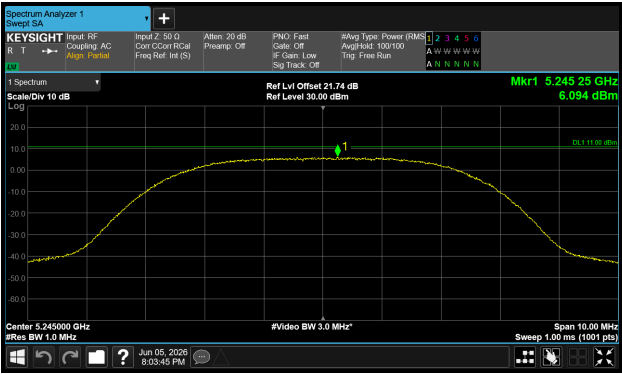
|                        |            |                  |                 |
|------------------------|------------|------------------|-----------------|
| Antenna Configuration: | SISO       | Mode:            | HDR             |
| Test Port:             | 2 (Core 0) | Rate/Modulation: | XHDRPM6 (OQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |   | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|---|---|---|-------------|-------------|--------------------|
|                      | 1               | 2    | 3 | 4 | Σ |             |             |                    |
| 5163                 | -               | 7.80 | - | - | - | 11.00       | 3.20        | 3.40               |
| 5203                 | -               | 7.65 | - | - | - | 11.00       | 3.35        | 3.40               |
| 5245                 | -               | 7.89 | - | - | - | 11.00       | 3.11        | 3.40               |



|                        |            |                  |                  |
|------------------------|------------|------------------|------------------|
| Antenna Configuration: | SISO       | Mode:            | HDR              |
| Test Port:             | 2 (Core 0) | Rate/Modulation: | XHDRPM16 (16QAM) |

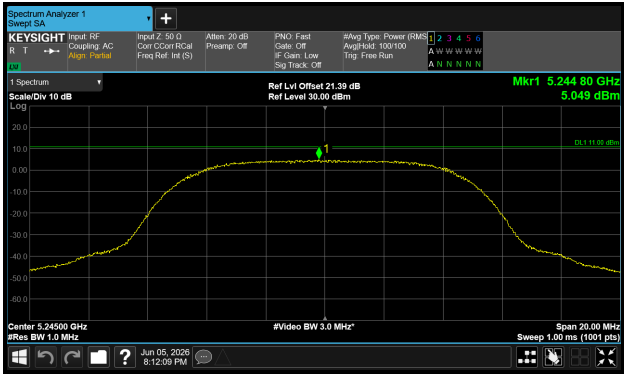
| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |   | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|---|---|---|-------------|-------------|--------------------|
|                      | 1               | 2    | 3 | 4 | Σ |             |             |                    |
| 5163                 | -               | 5.96 | - | - | - | 11.00       | 5.04        | 3.40               |
| 5203                 | -               | 6.06 | - | - | - | 11.00       | 4.94        | 3.40               |
| 5245                 | -               | 6.09 | - | - | - | 11.00       | 4.91        | 3.40               |



Maximum PSD (continued)

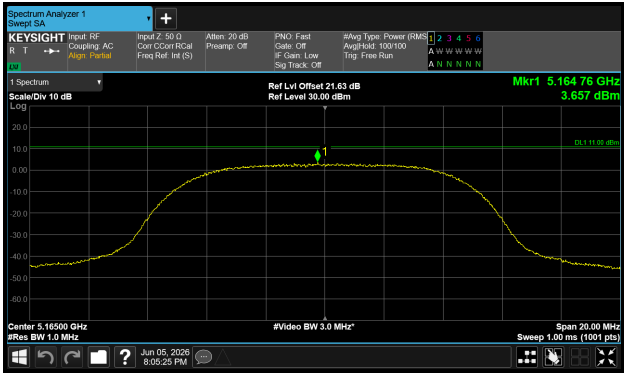
|                        |            |                  |                  |
|------------------------|------------|------------------|------------------|
| Antenna Configuration: | SISO       | Mode:            | HDR              |
| Test Port:             | 2 (Core 0) | Rate/Modulation: | XHDRPL16 (OQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |   | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|---|---|---|-------------|-------------|--------------------|
|                      | 1               | 2    | 3 | 4 | Σ |             |             |                    |
| 5165                 | -               | 4.68 | - | - | - | 11.00       | 6.32        | 3.40               |
| 5203                 | -               | 4.56 | - | - | - | 11.00       | 6.44        | 3.40               |
| 5245                 | -               | 5.05 | - | - | - | 11.00       | 5.95        | 3.40               |



|                        |            |                  |                 |
|------------------------|------------|------------------|-----------------|
| Antenna Configuration: | SISO       | Mode:            | HDR             |
| Test Port:             | 2 (Core 0) | Rate/Modulation: | HDRPL24 (16QAM) |

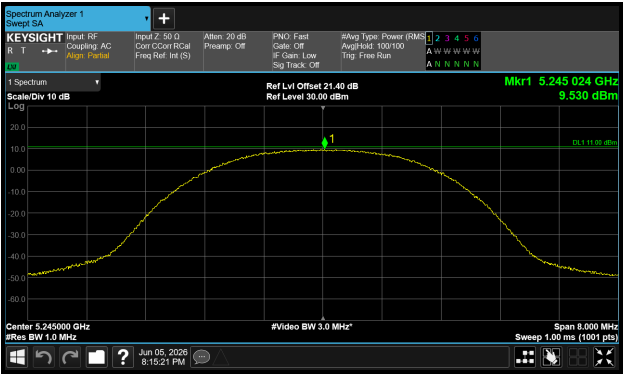
| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |   | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|---|---|---|-------------|-------------|--------------------|
|                      | 1               | 2    | 3 | 4 | Σ |             |             |                    |
| 5165                 | -               | 3.66 | - | - | - | 11.00       | 7.34        | 3.40               |
| 5203                 | -               | 2.91 | - | - | - | 11.00       | 8.09        | 3.40               |
| 5245                 | -               | 3.60 | - | - | - | 11.00       | 7.40        | 3.40               |



Maximum PSD (continued)

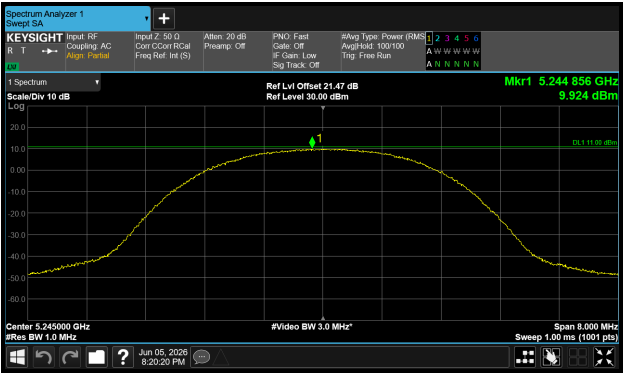
|                        |            |                  |                 |
|------------------------|------------|------------------|-----------------|
| Antenna Configuration: | SISO       | Mode:            | HDT             |
| Test Port:             | 2 (Core 0) | Rate/Modulation: | HDT3 (π/4-QPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |   | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|---|---|---|-------------|-------------|--------------------|
|                      | 1               | 2    | 3 | 4 | Σ |             |             |                    |
| 5162                 | -               | 9.38 | - | - | - | 11.00       | 1.62        | 3.40               |
| 5203                 | -               | 9.35 | - | - | - | 11.00       | 1.65        | 3.40               |
| 5245                 | -               | 9.53 | - | - | - | 11.00       | 1.47        | 3.40               |



|                        |            |                  |             |
|------------------------|------------|------------------|-------------|
| Antenna Configuration: | SISO       | Mode:            | HDT         |
| Test Port:             | 2 (Core 0) | Rate/Modulation: | HDT4 (8PSK) |

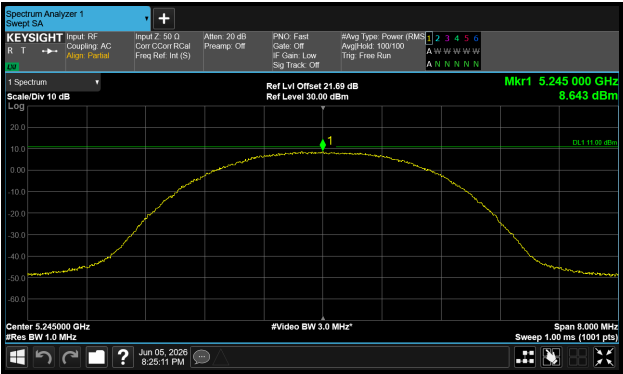
| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |   | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|---|---|---|-------------|-------------|--------------------|
|                      | 1               | 2    | 3 | 4 | Σ |             |             |                    |
| 5162                 | -               | 9.72 | - | - | - | 11.00       | 1.28        | 3.40               |
| 5203                 | -               | 9.14 | - | - | - | 11.00       | 1.86        | 3.40               |
| 5245                 | -               | 9.92 | - | - | - | 11.00       | 1.08        | 3.40               |



Maximum PSD (continued)

|                        |            |                  |              |
|------------------------|------------|------------------|--------------|
| Antenna Configuration: | SISO       | Mode:            | HDT          |
| Test Port:             | 2 (Core 0) | Rate/Modulation: | HDT8 (16QAM) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |   | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|---|---|---|-------------|-------------|--------------------|
|                      | 1               | 2    | 3 | 4 | Σ |             |             |                    |
| 5162                 | -               | 8.38 | - | - | - | 11.00       | 2.62        | 3.40               |
| 5203                 | -               | 8.08 | - | - | - | 11.00       | 2.92        | 3.40               |
| 5245                 | -               | 8.64 | - | - | - | 11.00       | 2.36        | 3.40               |



**Maximum PSD (continued)****Results: SISO / ePA / Core 1**

|                               |            |                         |            |
|-------------------------------|------------|-------------------------|------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | BDR        |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | DH5 (GFSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | - | 9.09 | - | -        | 11.00       | 1.91        | 4.70               |
| 5203                 | -               | - | 9.28 | - | -        | 11.00       | 1.72        | 4.70               |
| 5245                 | -               | - | 9.10 | - | -        | 11.00       | 1.90        | 4.70               |

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | LE 1M (GFSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | - | 9.23 | - | -        | 11.00       | 1.77        | 4.70               |
| 5203                 | -               | - | 9.37 | - | -        | 11.00       | 1.63        | 4.70               |
| 5245                 | -               | - | 9.87 | - | -        | 11.00       | 1.13        | 4.70               |

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | LE 2M (GFSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | - | 8.75 | - | -        | 11.00       | 2.25        | 4.70               |
| 5203                 | -               | - | 9.00 | - | -        | 11.00       | 2.00        | 4.70               |
| 5245                 | -               | - | 9.36 | - | -        | 11.00       | 1.64        | 4.70               |

**Maximum PSD (continued)**

|                               |            |                         |                        |
|-------------------------------|------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | 4DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | - | 9.00 | - | -        | 11.00       | 2.00        | 4.70               |
| 5203                 | -               | - | 8.99 | - | -        | 11.00       | 2.01        | 4.70               |
| 5245                 | -               | - | 9.02 | - | -        | 11.00       | 1.98        | 4.70               |

|                               |            |                         |                        |
|-------------------------------|------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | 8DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | - | 7.82 | - | -        | 11.00       | 3.18        | 4.70               |
| 5203                 | -               | - | 7.79 | - | -        | 11.00       | 3.21        | 4.70               |
| 5245                 | -               | - | 8.11 | - | -        | 11.00       | 2.89        | 4.70               |

|                               |            |                         |                |
|-------------------------------|------------|-------------------------|----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR            |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDRPS2 (OQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | - | 9.24 | - | -        | 11.00       | 1.76        | 4.70               |
| 5203                 | -               | - | 9.21 | - | -        | 11.00       | 1.79        | 4.70               |
| 5245                 | -               | - | 9.52 | - | -        | 11.00       | 1.48        | 4.70               |

**Maximum PSD (continued)**

|                               |            |                         |                 |
|-------------------------------|------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | XHDRPM6 (OQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5163                 | -               | - | 7.85 | - | -        | 11.00       | 3.15        | 4.70               |
| 5203                 | -               | - | 8.14 | - | -        | 11.00       | 2.86        | 4.70               |
| 5245                 | -               | - | 7.87 | - | -        | 11.00       | 3.13        | 4.70               |

|                               |            |                         |                  |
|-------------------------------|------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | XHDRPM16 (16QAM) |

| Test Frequency (MHz) | PSD (dBm / MHz) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5163                 | -               | - | 6.18 | - | -        | 11.00       | 4.82        | 4.70               |
| 5203                 | -               | - | 5.44 | - | -        | 11.00       | 5.56        | 4.70               |
| 5245                 | -               | - | 6.20 | - | -        | 11.00       | 4.80        | 4.70               |

|                               |            |                         |                  |
|-------------------------------|------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | XHDRPL16 (OQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5165                 | -               | - | 5.04 | - | -        | 11.00       | 5.96        | 4.70               |
| 5203                 | -               | - | 4.65 | - | -        | 11.00       | 6.35        | 4.70               |
| 5245                 | -               | - | 5.05 | - | -        | 11.00       | 5.95        | 4.70               |

**Maximum PSD (continued)**

|                               |            |                         |                 |
|-------------------------------|------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDRPL24 (16QAM) |

| Test Frequency (MHz) | PSD (dBm / MHz) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5165                 | -               | - | 3.32 | - | -        | 11.00       | 7.68        | 4.70               |
| 5203                 | -               | - | 3.38 | - | -        | 11.00       | 7.62        | 4.70               |
| 5245                 | -               | - | 3.25 | - | -        | 11.00       | 7.75        | 4.70               |

|                               |            |                         |                       |
|-------------------------------|------------|-------------------------|-----------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT                   |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDT3 ( $\pi/4$ -QPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | - | 9.58 | - | -        | 11.00       | 1.42        | 4.70               |
| 5203                 | -               | - | 9.37 | - | -        | 11.00       | 1.63        | 4.70               |
| 5245                 | -               | - | 9.82 | - | -        | 11.00       | 1.18        | 4.70               |

|                               |            |                         |             |
|-------------------------------|------------|-------------------------|-------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT         |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDT4 (8PSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | - | 9.34 | - | -        | 11.00       | 1.66        | 4.70               |
| 5203                 | -               | - | 9.28 | - | -        | 11.00       | 1.72        | 4.70               |
| 5245                 | -               | - | 9.67 | - | -        | 11.00       | 1.33        | 4.70               |

**Maximum PSD (continued)**

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT          |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDT8 (16QAM) |

| Test Frequency (MHz) | PSD (dBm / MHz) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | - | 8.15 | - | -        | 11.00       | 2.85        | 4.70               |
| 5203                 | -               | - | 8.37 | - | -        | 11.00       | 2.63        | 4.70               |
| 5245                 | -               | - | 8.84 | - | -        | 11.00       | 2.16        | 4.70               |

**Results: SISO / iPA / Core 0**

|                               |            |                         |            |
|-------------------------------|------------|-------------------------|------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | BDR        |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | DH5 (GFSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|---|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | 6.33 | - | - | -        | 11.00       | 4.67        | 3.40               |
| 5203                 | -               | 5.62 | - | - | -        | 11.00       | 5.38        | 3.40               |
| 5245                 | -               | 6.26 | - | - | -        | 11.00       | 4.74        | 3.40               |

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | LE 1M (GFSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|---|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | 6.48 | - | - | -        | 11.00       | 4.52        | 3.40               |
| 5203                 | -               | 6.03 | - | - | -        | 11.00       | 4.97        | 3.40               |
| 5245                 | -               | 6.53 | - | - | -        | 11.00       | 4.47        | 3.40               |

**Maximum PSD (continued)**

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | LE 2M (GFSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|---|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | 5.96 | - | - | -        | 11.00       | 5.04        | 3.40               |
| 5203                 | -               | 4.75 | - | - | -        | 11.00       | 6.25        | 3.40               |
| 5245                 | -               | 5.35 | - | - | -        | 11.00       | 5.65        | 3.40               |

|                               |            |                         |                        |
|-------------------------------|------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | 4DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|---|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | 1.50 | - | - | -        | 11.00       | 9.50        | 3.40               |
| 5203                 | -               | 0.99 | - | - | -        | 11.00       | 10.01       | 3.40               |
| 5245                 | -               | 1.09 | - | - | -        | 11.00       | 9.91        | 3.40               |

|                               |            |                         |                        |
|-------------------------------|------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | 8DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|-------|---|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2     | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | -0.63 | - | - | -        | 11.00       | 11.63       | 3.40               |
| 5203                 | -               | -1.55 | - | - | -        | 11.00       | 12.55       | 3.40               |
| 5245                 | -               | -1.08 | - | - | -        | 11.00       | 12.08       | 3.40               |

**Maximum PSD (continued)**

|                               |            |                         |                |
|-------------------------------|------------|-------------------------|----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR            |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | HDRPS2 (OQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|---|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | 1.25 | - | - | -        | 11.00       | 9.75        | 3.40               |
| 5203                 | -               | 0.90 | - | - | -        | 11.00       | 10.10       | 3.40               |
| 5245                 | -               | 1.12 | - | - | -        | 11.00       | 9.88        | 3.40               |

|                               |            |                         |                 |
|-------------------------------|------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | XHDRPM6 (OQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|-------|---|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2     | 3 | 4 | $\Sigma$ |             |             |                    |
| 5163                 | -               | -1.45 | - | - | -        | 11.00       | 12.45       | 3.40               |
| 5203                 | -               | -2.19 | - | - | -        | 11.00       | 13.19       | 3.40               |
| 5245                 | -               | -1.44 | - | - | -        | 11.00       | 12.44       | 3.40               |

|                               |            |                         |                  |
|-------------------------------|------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | XHDRPM16 (16QAM) |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|-------|---|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2     | 3 | 4 | $\Sigma$ |             |             |                    |
| 5163                 | -               | -4.49 | - | - | -        | 11.00       | 15.49       | 3.40               |
| 5203                 | -               | -4.49 | - | - | -        | 11.00       | 15.49       | 3.40               |
| 5245                 | -               | -4.05 | - | - | -        | 11.00       | 15.05       | 3.40               |

**Maximum PSD (continued)**

|                               |            |                         |                  |
|-------------------------------|------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | XHDRPL16 (OQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|-------|---|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2     | 3 | 4 | $\Sigma$ |             |             |                    |
| 5165                 | -               | -4.51 | - | - | -        | 11.00       | 15.51       | 3.40               |
| 5203                 | -               | -4.33 | - | - | -        | 11.00       | 15.33       | 3.40               |
| 5245                 | -               | -3.87 | - | - | -        | 11.00       | 14.87       | 3.40               |

|                               |            |                         |                 |
|-------------------------------|------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | HDRPL24 (16QAM) |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|-------|---|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2     | 3 | 4 | $\Sigma$ |             |             |                    |
| 5165                 | -               | -7.19 | - | - | -        | 11.00       | 18.19       | 3.40               |
| 5203                 | -               | -7.13 | - | - | -        | 11.00       | 18.13       | 3.40               |
| 5245                 | -               | -6.80 | - | - | -        | 11.00       | 17.80       | 3.40               |

|                               |            |                         |                       |
|-------------------------------|------------|-------------------------|-----------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT                   |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | HDT3 ( $\pi/4$ -QPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|---|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | 1.01 | - | - | -        | 11.00       | 9.99        | 3.40               |
| 5203                 | -               | 0.67 | - | - | -        | 11.00       | 10.33       | 3.40               |
| 5245                 | -               | 1.54 | - | - | -        | 11.00       | 9.46        | 3.40               |

**Maximum PSD (continued)**

|                               |            |                         |             |
|-------------------------------|------------|-------------------------|-------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT         |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | HDT4 (8PSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|---|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | 0.95 | - | - | -        | 11.00       | 10.05       | 3.40               |
| 5203                 | -               | 0.63 | - | - | -        | 11.00       | 10.37       | 3.40               |
| 5245                 | -               | 1.65 | - | - | -        | 11.00       | 9.35        | 3.40               |

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT          |
| <b>Test Port:</b>             | 2 (Core 0) | <b>Rate/Modulation:</b> | HDT8 (16QAM) |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|-------|---|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2     | 3 | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | -1.93 | - | - | -        | 11.00       | 12.93       | 3.40               |
| 5203                 | -               | -1.69 | - | - | -        | 11.00       | 12.69       | 3.40               |
| 5245                 | -               | -1.60 | - | - | -        | 11.00       | 12.60       | 3.40               |

**Results: SISO / iPA / Core 1**

|                               |            |                         |            |
|-------------------------------|------------|-------------------------|------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | BDR        |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | DH5 (GFSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | - | 6.50 | - | -        | 11.00       | 4.50        | 4.70               |
| 5203                 | -               | - | 5.99 | - | -        | 11.00       | 5.01        | 4.70               |
| 5245                 | -               | - | 6.74 | - | -        | 11.00       | 4.26        | 4.70               |

**Maximum PSD (continued)**

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | LE 1M (GFSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | - | 6.81 | - | -        | 11.00       | 4.19        | 4.70               |
| 5203                 | -               | - | 6.33 | - | -        | 11.00       | 4.67        | 4.70               |
| 5245                 | -               | - | 6.87 | - | -        | 11.00       | 4.13        | 4.70               |

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | LE 2M (GFSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | - | 6.07 | - | -        | 11.00       | 4.93        | 4.70               |
| 5203                 | -               | - | 5.11 | - | -        | 11.00       | 5.89        | 4.70               |
| 5245                 | -               | - | 4.79 | - | -        | 11.00       | 6.21        | 4.70               |

|                               |            |                         |                        |
|-------------------------------|------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | 4DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | - | 1.83 | - | -        | 11.00       | 9.17        | 4.70               |
| 5203                 | -               | - | 1.10 | - | -        | 11.00       | 9.90        | 4.70               |
| 5245                 | -               | - | 1.65 | - | -        | 11.00       | 9.35        | 4.70               |

**Maximum PSD (continued)**

|                               |            |                         |                        |
|-------------------------------|------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | 8DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |   |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|---|-------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2 | 3     | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | - | -0.83 | - | -        | 11.00       | 11.83       | 4.70               |
| 5203                 | -               | - | -1.42 | - | -        | 11.00       | 12.42       | 4.70               |
| 5245                 | -               | - | -0.94 | - | -        | 11.00       | 11.94       | 4.70               |

|                               |            |                         |                |
|-------------------------------|------------|-------------------------|----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR            |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDRPS2 (OQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | - | 1.29 | - | -        | 11.00       | 9.71        | 4.70               |
| 5203                 | -               | - | 0.94 | - | -        | 11.00       | 10.06       | 4.70               |
| 5245                 | -               | - | 1.19 | - | -        | 11.00       | 9.81        | 4.70               |

|                               |            |                         |                 |
|-------------------------------|------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | XHDRPM6 (OQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |   |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|---|-------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2 | 3     | 4 | $\Sigma$ |             |             |                    |
| 5163                 | -               | - | -1.38 | - | -        | 11.00       | 12.38       | 4.70               |
| 5203                 | -               | - | -1.91 | - | -        | 11.00       | 12.91       | 4.70               |
| 5245                 | -               | - | -1.15 | - | -        | 11.00       | 12.15       | 4.70               |

**Maximum PSD (continued)**

|                               |            |                         |                  |
|-------------------------------|------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | XHDRPM16 (16QAM) |

| Test Frequency (MHz) | PSD (dBm / MHz) |   |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|---|-------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2 | 3     | 4 | $\Sigma$ |             |             |                    |
| 5163                 | -               | - | -4.47 | - | -        | 11.00       | 15.47       | 4.70               |
| 5203                 | -               | - | -4.39 | - | -        | 11.00       | 15.39       | 4.70               |
| 5245                 | -               | - | -4.30 | - | -        | 11.00       | 15.30       | 4.70               |

|                               |            |                         |                  |
|-------------------------------|------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | XHDRPL16 (OQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |   |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|---|-------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2 | 3     | 4 | $\Sigma$ |             |             |                    |
| 5165                 | -               | - | -4.14 | - | -        | 11.00       | 15.14       | 4.70               |
| 5203                 | -               | - | -4.34 | - | -        | 11.00       | 15.34       | 4.70               |
| 5245                 | -               | - | -4.27 | - | -        | 11.00       | 15.27       | 4.70               |

|                               |            |                         |                 |
|-------------------------------|------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDRPL24 (16QAM) |

| Test Frequency (MHz) | PSD (dBm / MHz) |   |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|---|-------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2 | 3     | 4 | $\Sigma$ |             |             |                    |
| 5165                 | -               | - | -6.84 | - | -        | 11.00       | 17.84       | 4.70               |
| 5203                 | -               | - | -7.57 | - | -        | 11.00       | 18.57       | 4.70               |
| 5245                 | -               | - | -7.03 | - | -        | 11.00       | 18.03       | 4.70               |

**Maximum PSD (continued)**

|                               |            |                         |                       |
|-------------------------------|------------|-------------------------|-----------------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT                   |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDT3 ( $\pi/4$ -QPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | - | 1.35 | - | -        | 11.00       | 9.65        | 4.70               |
| 5203                 | -               | - | 0.69 | - | -        | 11.00       | 10.31       | 4.70               |
| 5245                 | -               | - | 1.37 | - | -        | 11.00       | 9.63        | 4.70               |

|                               |            |                         |             |
|-------------------------------|------------|-------------------------|-------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT         |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDT4 (8PSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |   |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|---|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2 | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | - | 1.33 | - | -        | 11.00       | 9.67        | 4.70               |
| 5203                 | -               | - | 0.75 | - | -        | 11.00       | 10.25       | 4.70               |
| 5245                 | -               | - | 1.38 | - | -        | 11.00       | 9.62        | 4.70               |

|                               |            |                         |              |
|-------------------------------|------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | SISO       | <b>Mode:</b>            | HDT          |
| <b>Test Port:</b>             | 3 (Core 1) | <b>Rate/Modulation:</b> | HDT8 (16QAM) |

| Test Frequency (MHz) | PSD (dBm / MHz) |   |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|---|-------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2 | 3     | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | - | -2.09 | - | -        | 11.00       | 13.09       | 4.70               |
| 5203                 | -               | - | -1.92 | - | -        | 11.00       | 12.92       | 4.70               |
| 5245                 | -               | - | -1.80 | - | -        | 11.00       | 12.80       | 4.70               |

**Maximum PSD (continued)****Results: Beamforming / ePA**

|                               |                       |                         |            |
|-------------------------------|-----------------------|-------------------------|------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | BDR        |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | DH5 (GFSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | 4.95 | 4.66 | - | 7.82     | 9.92        | 2.10        | 7.08               |
| 5203                 | -               | 4.38 | 4.63 | - | 7.52     | 9.92        | 2.40        | 7.08               |
| 5245                 | -               | 5.49 | 5.30 | - | 8.41     | 9.92        | 1.51        | 7.08               |

|                               |                       |                         |              |
|-------------------------------|-----------------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | LE 1M (GFSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | 5.25 | 5.32 | - | 8.29     | 9.92        | 1.62        | 7.08               |
| 5203                 | -               | 5.09 | 5.09 | - | 8.10     | 9.92        | 1.82        | 7.08               |
| 5245                 | -               | 5.12 | 5.45 | - | 8.30     | 9.92        | 1.62        | 7.08               |

|                               |                       |                         |              |
|-------------------------------|-----------------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | LE 2M (GFSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | 4.82 | 4.92 | - | 7.88     | 9.92        | 2.03        | 7.08               |
| 5203                 | -               | 4.83 | 4.46 | - | 7.66     | 9.92        | 2.25        | 7.08               |
| 5245                 | -               | 5.22 | 5.25 | - | 8.25     | 9.92        | 1.67        | 7.08               |

**Maximum PSD (continued)**

|                               |                       |                         |                        |
|-------------------------------|-----------------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | 4DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | 5.27 | 5.10 | - | 8.20     | 9.92        | 1.72        | 7.08               |
| 5203                 | -               | 5.09 | 5.28 | - | 8.19     | 9.92        | 1.72        | 7.08               |
| 5245                 | -               | 5.56 | 4.87 | - | 8.24     | 9.92        | 1.67        | 7.08               |

|                               |                       |                         |                        |
|-------------------------------|-----------------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | 8DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | 4.62 | 5.07 | - | 7.86     | 9.92        | 2.06        | 7.08               |
| 5203                 | -               | 4.68 | 4.78 | - | 7.74     | 9.92        | 2.17        | 7.08               |
| 5245                 | -               | 5.16 | 4.84 | - | 8.01     | 9.92        | 1.91        | 7.08               |

|                               |                       |                         |                |
|-------------------------------|-----------------------|-------------------------|----------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR            |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDRPS2 (OQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | 4.83 | 5.02 | - | 7.94     | 9.92        | 1.98        | 7.08               |
| 5203                 | -               | 5.16 | 5.00 | - | 8.09     | 9.92        | 1.82        | 7.08               |
| 5245                 | -               | 5.39 | 5.78 | - | 8.60     | 9.92        | 1.31        | 7.08               |

**Maximum PSD (continued)**

|                               |                       |                         |                 |
|-------------------------------|-----------------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | XHDRPM6 (OQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5163                 | -               | 5.16 | 5.21 | - | 8.20     | 9.92        | 1.72        | 7.08               |
| 5203                 | -               | 5.34 | 5.58 | - | 8.47     | 9.92        | 1.44        | 7.08               |
| 5245                 | -               | 5.54 | 5.47 | - | 8.51     | 9.92        | 1.40        | 7.08               |

|                               |                       |                         |                  |
|-------------------------------|-----------------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | XHDRPM16 (16QAM) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5163                 | -               | 5.71 | 5.22 | - | 8.48     | 9.92        | 1.44        | 7.08               |
| 5203                 | -               | 5.65 | 5.53 | - | 8.60     | 9.92        | 1.31        | 7.08               |
| 5245                 | -               | 5.40 | 5.58 | - | 8.50     | 9.92        | 1.42        | 7.08               |

|                               |                       |                         |                  |
|-------------------------------|-----------------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | XHDRPL16 (OQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5165                 | -               | 5.33 | 4.98 | - | 8.17     | 9.92        | 1.75        | 7.08               |
| 5203                 | -               | 4.60 | 4.66 | - | 7.64     | 9.92        | 2.27        | 7.08               |
| 5245                 | -               | 4.77 | 5.62 | - | 8.23     | 9.92        | 1.69        | 7.08               |

**Maximum PSD (continued)**

|                               |                       |                         |                 |
|-------------------------------|-----------------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDRPL24 (16QAM) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5165                 | -               | 3.12 | 3.22 | - | 6.18     | 9.92        | 3.74        | 7.08               |
| 5203                 | -               | 2.81 | 3.17 | - | 6.00     | 9.92        | 3.91        | 7.08               |
| 5245                 | -               | 3.22 | 3.74 | - | 6.50     | 9.92        | 3.41        | 7.08               |

|                               |                       |                         |                       |
|-------------------------------|-----------------------|-------------------------|-----------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDT                   |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDT3 ( $\pi/4$ -QPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | 5.74 | 5.71 | - | 8.74     | 9.92        | 1.18        | 7.08               |
| 5203                 | -               | 5.67 | 5.44 | - | 8.56     | 9.92        | 1.35        | 7.08               |
| 5245                 | -               | 5.77 | 5.81 | - | 8.80     | 9.92        | 1.12        | 7.08               |

|                               |                       |                         |             |
|-------------------------------|-----------------------|-------------------------|-------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDT         |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDT4 (8PSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | 5.57 | 5.79 | - | 8.69     | 9.92        | 1.22        | 7.08               |
| 5203                 | -               | 5.48 | 5.57 | - | 8.53     | 9.92        | 1.38        | 7.08               |
| 5245                 | -               | 5.57 | 5.45 | - | 8.52     | 9.92        | 1.39        | 7.08               |

**Maximum PSD (continued)**

|                               |                       |                         |              |
|-------------------------------|-----------------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDT          |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDT8 (16QAM) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | 5.66 | 5.39 | - | 8.54     | 9.92        | 1.38        | 7.08               |
| 5203                 | -               | 5.47 | 5.59 | - | 8.54     | 9.92        | 1.38        | 7.08               |
| 5245                 | -               | 5.81 | 5.67 | - | 8.75     | 9.92        | 1.17        | 7.08               |

**Results: Beamforming / iPA**

|                               |                       |                         |            |
|-------------------------------|-----------------------|-------------------------|------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | BDR        |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | DH5 (GFSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | 4.95 | 5.21 | - | 8.09     | 9.92        | 1.82        | 7.08               |
| 5203                 | -               | 4.80 | 4.96 | - | 7.89     | 9.92        | 2.02        | 7.08               |
| 5245                 | -               | 5.13 | 5.32 | - | 8.24     | 9.92        | 1.68        | 7.08               |

|                               |                       |                         |              |
|-------------------------------|-----------------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | LE 1M (GFSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | 5.41 | 5.34 | - | 8.39     | 9.92        | 1.53        | 7.08               |
| 5203                 | -               | 4.81 | 4.92 | - | 7.87     | 9.92        | 2.04        | 7.08               |
| 5245                 | -               | 5.76 | 5.49 | - | 8.64     | 9.92        | 1.28        | 7.08               |

**Maximum PSD (continued)**

|                               |                       |                         |              |
|-------------------------------|-----------------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | LE           |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | LE 2M (GFSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | 4.86 | 4.71 | - | 7.80     | 9.92        | 2.12        | 7.08               |
| 5203                 | -               | 5.30 | 4.46 | - | 7.91     | 9.92        | 2.01        | 7.08               |
| 5245                 | -               | 5.99 | 6.01 | - | 9.01     | 9.92        | 0.91        | 7.08               |

|                               |                       |                         |                        |
|-------------------------------|-----------------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | 4DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | 1.33 | 1.47 | - | 4.41     | 9.92        | 5.50        | 7.08               |
| 5203                 | -               | 1.13 | 0.88 | - | 4.02     | 9.92        | 5.90        | 7.08               |
| 5245                 | -               | 1.77 | 1.90 | - | 4.84     | 9.92        | 5.07        | 7.08               |

|                               |                       |                         |                        |
|-------------------------------|-----------------------|-------------------------|------------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR                    |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | 8DH5 ( $\pi/4$ -DQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|-------|-------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2     | 3     | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | -0.98 | -0.92 | - | 2.06     | 9.92        | 7.86        | 7.08               |
| 5203                 | -               | -1.02 | -0.51 | - | 2.25     | 9.92        | 7.66        | 7.08               |
| 5245                 | -               | -0.34 | -1.14 | - | 2.29     | 9.92        | 7.63        | 7.08               |

**Maximum PSD (continued)**

|                               |                       |                         |                |
|-------------------------------|-----------------------|-------------------------|----------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR            |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDRPS2 (OQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | 0.99 | 1.04 | - | 4.03     | 9.92        | 5.89        | 7.08               |
| 5203                 | -               | 0.58 | 1.12 | - | 3.87     | 9.92        | 6.05        | 7.08               |
| 5245                 | -               | 1.69 | 1.17 | - | 4.45     | 9.92        | 5.47        | 7.08               |

|                               |                       |                         |                 |
|-------------------------------|-----------------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | XHDRPM6 (OQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|-------|-------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2     | 3     | 4 | $\Sigma$ |             |             |                    |
| 5163                 | -               | -1.93 | -1.52 | - | 1.29     | 9.92        | 8.63        | 7.08               |
| 5203                 | -               | -1.80 | -1.87 | - | 1.17     | 9.92        | 8.74        | 7.08               |
| 5245                 | -               | -1.70 | -1.59 | - | 1.37     | 9.92        | 8.55        | 7.08               |

|                               |                       |                         |                  |
|-------------------------------|-----------------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | XHDRPM16 (16QAM) |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|-------|-------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2     | 3     | 4 | $\Sigma$ |             |             |                    |
| 5163                 | -               | -4.28 | -4.39 | - | -1.33    | 9.92        | 11.24       | 7.08               |
| 5203                 | -               | -4.72 | -4.69 | - | -1.69    | 9.92        | 11.61       | 7.08               |
| 5245                 | -               | -4.60 | -4.23 | - | -1.40    | 9.92        | 11.32       | 7.08               |

**Maximum PSD (continued)**

|                               |                       |                         |                  |
|-------------------------------|-----------------------|-------------------------|------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR              |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | XHDRPL16 (OQPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|-------|-------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2     | 3     | 4 | $\Sigma$ |             |             |                    |
| 5165                 | -               | -4.38 | -4.07 | - | -1.22    | 9.92        | 11.13       | 7.08               |
| 5203                 | -               | -4.36 | -3.87 | - | -1.09    | 9.92        | 11.01       | 7.08               |
| 5245                 | -               | -4.01 | -4.36 | - | -1.17    | 9.92        | 11.09       | 7.08               |

|                               |                       |                         |                 |
|-------------------------------|-----------------------|-------------------------|-----------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDR             |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDRPL24 (16QAM) |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|-------|-------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2     | 3     | 4 | $\Sigma$ |             |             |                    |
| 5165                 | -               | -6.94 | -7.52 | - | -4.21    | 9.92        | 14.12       | 7.08               |
| 5203                 | -               | -7.10 | -7.60 | - | -4.33    | 9.92        | 14.25       | 7.08               |
| 5245                 | -               | -7.47 | -7.13 | - | -4.29    | 9.92        | 14.20       | 7.08               |

|                               |                       |                         |                       |
|-------------------------------|-----------------------|-------------------------|-----------------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDT                   |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDT3 ( $\pi/4$ -QPSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | 1.17 | 1.17 | - | 4.18     | 9.92        | 5.73        | 7.08               |
| 5203                 | -               | 0.97 | 1.38 | - | 4.19     | 9.92        | 5.72        | 7.08               |
| 5245                 | -               | 1.72 | 1.26 | - | 4.51     | 9.92        | 5.41        | 7.08               |

**Maximum PSD (continued)**

|                               |                       |                         |             |
|-------------------------------|-----------------------|-------------------------|-------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDT         |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDT4 (8PSK) |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |      |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|------|------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2    | 3    | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | 1.16 | 1.37 | - | 4.28     | 9.92        | 5.64        | 7.08               |
| 5203                 | -               | 1.03 | 1.26 | - | 4.16     | 9.92        | 5.76        | 7.08               |
| 5245                 | -               | 1.73 | 1.15 | - | 4.46     | 9.92        | 5.46        | 7.08               |

|                               |                       |                         |              |
|-------------------------------|-----------------------|-------------------------|--------------|
| <b>Antenna Configuration:</b> | Beamforming           | <b>Mode:</b>            | HDT          |
| <b>Test Port:</b>             | 2+3 (Core 0 + Core 1) | <b>Rate/Modulation:</b> | HDT8 (16QAM) |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |       |   |          | Limit (dBm) | Margin (dB) | Antenna Gain (dBi) |
|----------------------|-----------------|-------|-------|---|----------|-------------|-------------|--------------------|
|                      | 1               | 2     | 3     | 4 | $\Sigma$ |             |             |                    |
| 5162                 | -               | -1.96 | -1.89 | - | 1.09     | 9.92        | 8.83        | 7.08               |
| 5203                 | -               | -2.19 | -1.63 | - | 1.11     | 9.92        | 8.80        | 7.08               |
| 5245                 | -               | -1.66 | -1.54 | - | 1.41     | 9.92        | 8.50        | 7.08               |

## **5 Radiated Test Results**

### **5.1 Duty Cycle**

#### **Test Summary:**

|                                   |                                                              |                    |                                   |
|-----------------------------------|--------------------------------------------------------------|--------------------|-----------------------------------|
| <b>Test Engineers:</b>            | Faissal Merzaki, Atiqul Tanvir,<br>Max Passell & Jose Bayona | <b>Test Dates:</b> | 11 April 2026 to<br>14 April 2026 |
| <b>Test Sample Serial Number:</b> | G14HWWN6X4                                                   |                    |                                   |

|                          |                               |
|--------------------------|-------------------------------|
| <b>FCC Clause:</b>       | Part 15.35(c)                 |
| <b>Test Method Used:</b> | ANSI C63.10 Section 12.2.b)2) |

#### **Environmental Conditions:**

|                               |          |
|-------------------------------|----------|
| <b>Temperature (°C):</b>      | 21 to 22 |
| <b>Relative Humidity (%):</b> | 37 to 39 |

#### **Note(s):**

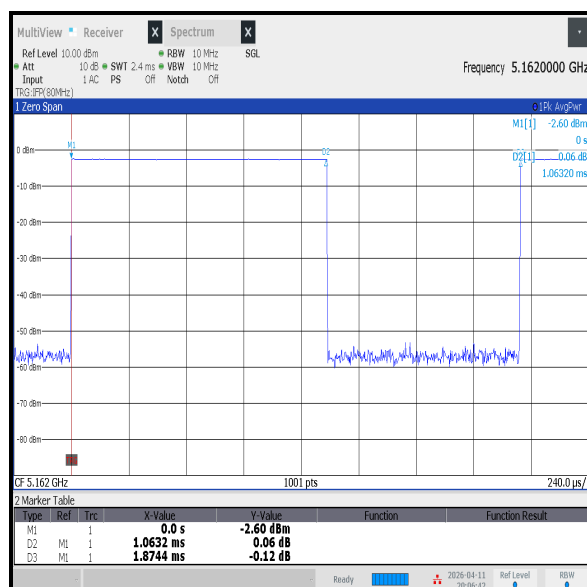
1. In order to assist with the determination of the average level of spurious emissions field strength, measurements were made of duty cycle to determine the transmission duration and the silent period time of the transmitter.
2. The duty cycle was measured for each mode and channel for ePA, iPA, SISO and beamforming. Section 5.4 presents the measured duty cycle correction factors. The maximum duty cycle variation for the same mode across channels and ports is less than 2%, corresponding to a correction factor variation of less than 0.03 dB. Therefore, the table below presents the typical duty cycle for each mode.
3. Example plots of the worst-case, for one configuration, can be seen below to show setting parameters comply with testing method/procedure. All other plots are archived on the UL IT server and available for inspection if required
4. The equation in section 2.4 was used to calculate the correction factor based on the measured duty cycle.

**Duty Cycle (continued)****Results: ePA**

| Mode     | Width (ms) | Period (ms) | Duty Cycle (%) | Correction Factor (dB) |
|----------|------------|-------------|----------------|------------------------|
| BDR      | 2.872      | 3.755       | 76.60          | 1.16                   |
| LE1M     | 2.122      | 2.502       | 84.78          | 0.72                   |
| LE2M     | 1.063      | 1.874       | 56.72          | 2.46                   |
| 4DH5     | 2.928      | 3.760       | 77.88          | 1.09                   |
| 8DH5     | 2.933      | 3.755       | 78.10          | 1.07                   |
| HDRPS2   | 16.206     | 17.542      | 92.50          | 0.34                   |
| HDRPM12  | 2.337      | 2.504       | 93.32          | 0.30                   |
| XHDRPM8  | 8.085      | 8.756       | 92.34          | 0.35                   |
| HDRPL8   | 3.563      | 3.751       | 94.99          | 0.22                   |
| HDRPL24  | 1.094      | 1.250       | 87.54          | 0.58                   |
| XHDRPL24 | 2.083      | 2.509       | 83.04          | 0.81                   |
| HDT3     | 1.446      | 1.526       | 94.76          | 0.23                   |
| HDT4     | 1.105      | 1.184       | 93.31          | 0.30                   |
| HDT6     | 0.761      | 0.835       | 91.17          | 0.40                   |

**Example Plot / Worst Case Mode**

|                        |        |                  |             |
|------------------------|--------|------------------|-------------|
| Antenna Configuration: | SISO   | Mode:            | LE2M        |
| Test Port:             | Core 0 | Rate/Modulation: | LE2M (GFSK) |



## **5.2 Out of Band Radiated Emissions <1 GHz**

### **Test Summary:**

|                                   |                                              |                    |                           |
|-----------------------------------|----------------------------------------------|--------------------|---------------------------|
| <b>Test Engineers:</b>            | Faissal Merzaki, Atiqul Tanvir & Jose Bayona | <b>Test Dates:</b> | 08 May 2026 & 26 May 2026 |
| <b>Test Sample Serial Number:</b> | PK2K7963XX & L5Q6J36Y22                      |                    |                           |

|                          |                                        |
|--------------------------|----------------------------------------|
| <b>FCC Clause:</b>       | Parts 15.407(b)(1)(9)(10) & 15.209(a)  |
| <b>Test Method Used:</b> | ANSI C63.10 Sections 6.3, 6.5 and 12.7 |
| <b>Frequency Range</b>   | 30 MHz to 1000 MHz                     |

### **Environmental Conditions:**

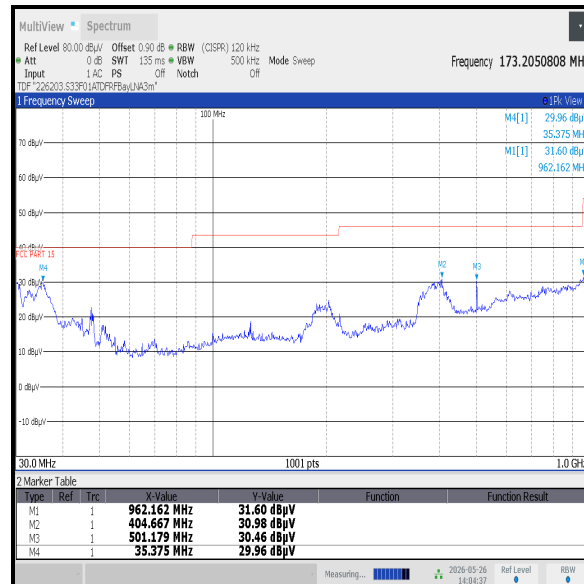
|                               |          |
|-------------------------------|----------|
| <b>Temperature (°C):</b>      | 21 to 23 |
| <b>Relative Humidity (%):</b> | 38 to 41 |

### **Note(s):**

1. The final measured value, for the given emission in the field strength result tables, incorporates the calibrated antenna factor and cable loss.
2. All other emissions shown on the pre-scans were investigated and found to be ambient, or > 20 dB below the appropriate limit or below the noise floor of the measurement system.
3. Measurements from 30 MHz to 1 GHz were performed in a semi-anechoic chamber (Asset Number K226203) at a distance of 3 metres. The EUT was placed at a height of 80 cm above the reference ground plane in the centre of the chamber turntable. Maximum emission levels were determined by height searching the measurement antenna over the range 1 metre to 4 metres.
4. Final measurements were performed on the marker frequencies and the results recorded in the table below. The test receiver resolution bandwidth was set to 120 kHz, using a CISPR peak detector.

**Out of Band Radiated Emissions (continued)****Results: Quasi-Peak / Middle Channel / BDR / Beamforming / ePA**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 34.495          | 26.35                | 40.00                | 13.65       | Vertical         |



Note: This plot is a pre-scan and for indication purposes only. For final measurements, see accompanying table.

### **5.3 Out of Band Radiated Emissions >1 GHz**

#### **Test Summary:**

|                                   |                                              |                    |                            |
|-----------------------------------|----------------------------------------------|--------------------|----------------------------|
| <b>Test Engineers:</b>            | Faissal Merzaki, Atiqul Tanvir & Jose Bayona | <b>Test Dates:</b> | 12 May 2026 to 23 May 2026 |
| <b>Test Sample Serial Number:</b> | PK2K7963XX                                   |                    |                            |

|                          |                                      |
|--------------------------|--------------------------------------|
| <b>FCC Clause:</b>       | Part 15.407(b)(1),(10) & 15.209(a)   |
| <b>Test Method Used:</b> | ANSI C63.10 Sections 6.3, 6.6 & 12.7 |
| <b>Frequency Range</b>   | 1 GHz to 40 GHz                      |

#### **Environmental Conditions:**

|                               |          |
|-------------------------------|----------|
| <b>Temperature (°C):</b>      | 20 to 23 |
| <b>Relative Humidity (%):</b> | 36 to 40 |

#### **Note(s):**

1. The final measured value, for the given emission, in the table below incorporates the calibrated antenna factor and cable loss.
2. No spurious emissions were detected above the noise floor of the measuring receiver therefore the highest peak and average noise floor readings of the measuring receiver were recorded as shown in the tables below.
3. The emission shown on the 1 GHz to 6 GHz plot is the EUT fundamental.
4. Pre-scans above 1 GHz were performed in a fully anechoic chamber (Asset Number K226203) at a distance of 3 metres. The EUT was placed at a height of 1.5 metres above the test chamber floor in the centre of the chamber turntable. All measurement antennas were placed at a fixed height of 1.5 metres above the test chamber floor, in line with the EUT.

Out of Band Radiated Emissions (continued)

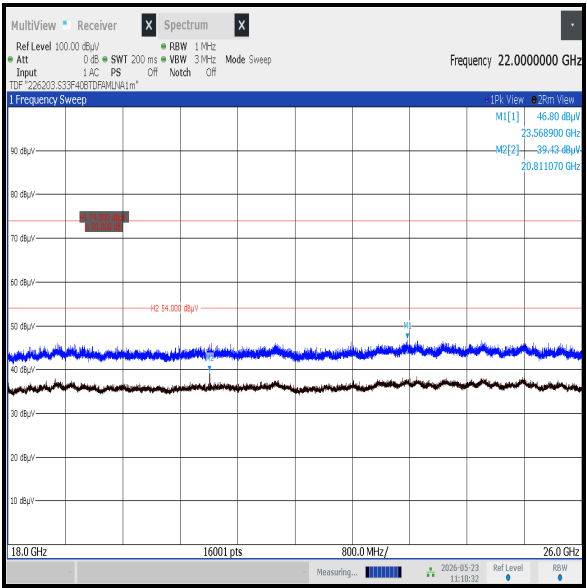
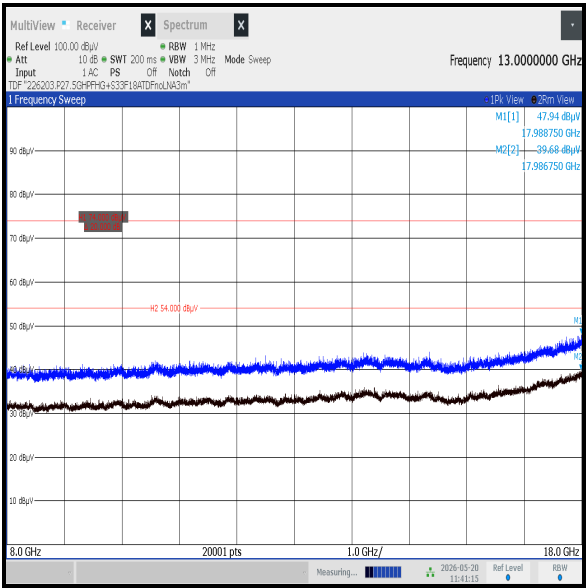
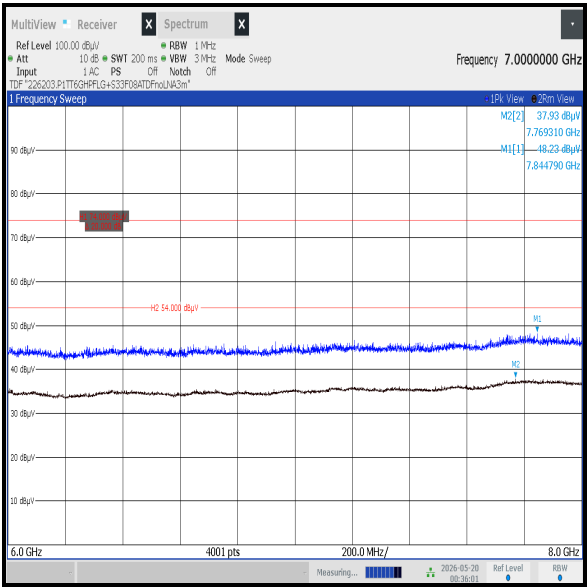
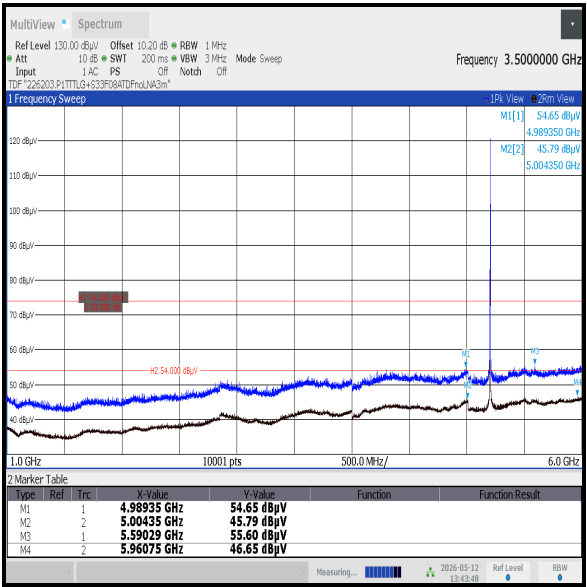
Results: BDR / Beamforming / ePA

Results: Peak / Middle Channel / Field Strength

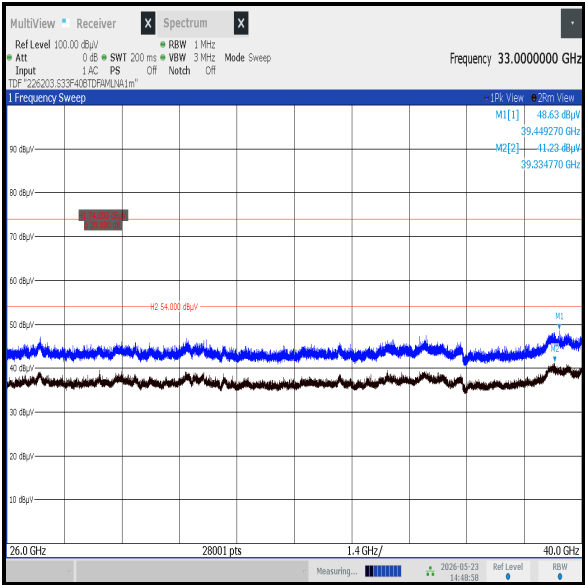
| Frequency (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------|----------------|-------------|------------------|
| 5590.290        | 55.60          | 74.00          | 18.40       | Horizontal       |

Results: Average / Middle Channel / Field Strength

| Frequency (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------|----------------|-------------|------------------|
| 5960.750        | 46.65          | 54.00          | 7.35        | Horizontal       |



Out of Band Radiated Emissions (continued)



## **5.4 Band Edge Radiated Emissions**

### **Test Summary:**

|                                   |                                                              |                    |                                   |
|-----------------------------------|--------------------------------------------------------------|--------------------|-----------------------------------|
| <b>Test Engineers:</b>            | Faissal Merzaki, Atiqul Tanvir,<br>Max Passell & Jose Bayona | <b>Test Dates:</b> | 11 April 2026 to<br>14 April 2026 |
| <b>Test Sample Serial Number:</b> | G14HWWN6X4                                                   |                    |                                   |

|                          |                                            |
|--------------------------|--------------------------------------------|
| <b>FCC Clause:</b>       | Part 15.407(b)(1),(10), 15.205 & 15.209(a) |
| <b>Test Method Used:</b> | ANSI C63.10 Sections 6.10 & 12.7           |

### **Environmental Conditions:**

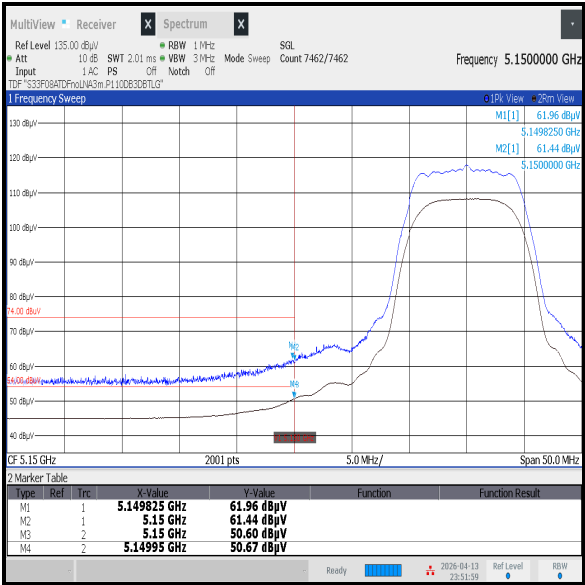
|                               |          |
|-------------------------------|----------|
| <b>Temperature (°C):</b>      | 21 to 22 |
| <b>Relative Humidity (%):</b> | 37 to 39 |

### **Note(s):**

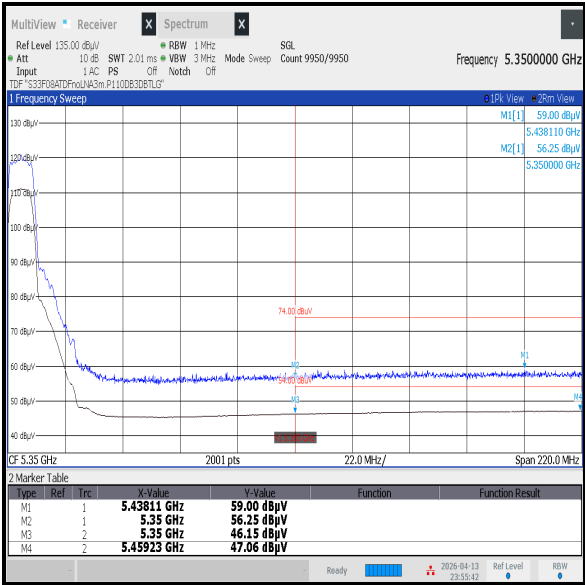
1. The final measured value, for the given emission, in the table below incorporates the calibrated antenna factor and cable loss.
2. For all average measurements in this section, 7462 sweeps were used. This satisfies the requirement for the minimum number of sweeps, as stated in ANSI C63.10 Section 12.7.7.2 f).
3. In accordance with ANSI C63.10 Section 12.7.7.2.g), for average measurements, modes where the EUT was transmitting < 98% duty cycle, the duty cycle correction factor calculated in section 5.1 was added to the measured result.
4. Example plots of the worst-case configuration, can be seen below to show setting parameters comply with testing method/procedure. All other plots are archived on the UL IT server and available for inspection if required.

Band Edge Radiated Emissions (continued)

Example Plots / XHDRPL24 / SISO / Core 1 / ePA



Lower Band Edge



Upper Band Edge

**Band Edge Radiated Emissions (continued)****Results: BDR / SISO / Core 0 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5143.725        | 57.66                | 74.00                | 16.34       | Horizontal       |
| 5417.320        | 59.04                | 74.00                | 14.96       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5150            | 45.60                | 1.16                       | 46.76                          | 54.00                | 7.24        | Horizontal       |
| 5454.720        | 46.98                | 1.16                       | 48.14                          | 54.00                | 5.86        | Horizontal       |

**Results: LE 1M / SISO / Core 0 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.575        | 57.70                | 74.00                | 16.30       | Horizontal       |
| 5419.520        | 59.43                | 74.00                | 14.57       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.950        | 45.71                | 0.72                       | 46.43                          | 54.00                | 7.57        | Horizontal       |
| 5445.920        | 46.59                | 0.72                       | 47.31                          | 54.00                | 6.69        | Horizontal       |

**Results: LE 2M / SISO / Core 0 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5136.575        | 58.36                | 74.00                | 15.64       | Horizontal       |
| 5376.840        | 59.27                | 74.00                | 14.73       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.100        | 45.36                | 2.46                       | 47.82                          | 54.00                | 6.18        | Horizontal       |
| 5449.660        | 46.55                | 2.45                       | 49.00                          | 54.00                | 5.00        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: 4DH5 / SISO / Core 0 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5128.650        | 58.29                | 74.00                | 15.71       | Horizontal       |
| 5440.860        | 59.30                | 74.00                | 14.70       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.750        | 45.50                | 1.09                       | 46.59                          | 54.00                | 7.41        | Horizontal       |
| 5455.380        | 46.95                | 1.09                       | 48.04                          | 54.00                | 5.96        | Horizontal       |

**Results: 8DH5 / SISO / Core 0 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5148.400        | 62.75                | 74.00                | 11.25       | Horizontal       |
| 5438.770        | 59.14                | 74.00                | 14.86       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5150            | 49.28                | 1.07                       | 50.35                          | 54.00                | 3.65        | Horizontal       |
| 5452.520        | 46.97                | 1.07                       | 48.04                          | 54.00                | 5.96        | Horizontal       |

**Results: HDRPS2 / SISO / Core 0 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5132.475        | 57.79                | 74.00                | 16.21       | Horizontal       |
| 5442.730        | 58.84                | 74.00                | 15.16       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.775        | 45.67                | 0.34                       | 46.01                          | 54.00                | 7.99        | Horizontal       |
| 5454.280        | 46.98                | 0.34                       | 47.32                          | 54.00                | 6.68        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: HDRPM12 / SISO / Core 0 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5148.350        | 65.24                | 74.00                | 8.76        | Horizontal       |
| 5437.450        | 59.56                | 74.00                | 14.44       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.975        | 50.37                | 0.30                       | 50.67                          | 54.00                | 3.33        | Horizontal       |
| 5440.090        | 47.00                | 0.31                       | 47.31                          | 54.00                | 6.69        | Horizontal       |

**Results: XHDRPM8 / SISO / Core 0 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.725        | 58.92                | 74.00                | 15.08       | Horizontal       |
| 5452.190        | 59.14                | 74.00                | 14.86       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5150            | 47.02                | 0.35                       | 47.37                          | 54.00                | 6.63        | Horizontal       |
| 5450.540        | 46.98                | 0.35                       | 47.33                          | 54.00                | 6.67        | Horizontal       |

**Results: HDRPL8 / SISO / Core 0 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.675        | 61.39                | 74.00                | 12.61       | Horizontal       |
| 5397.960        | 59.25                | 74.00                | 14.75       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5150            | 50.91                | 0.22                       | 51.13                          | 54.00                | 2.87        | Horizontal       |
| 5448.560        | 46.99                | 0.23                       | 47.22                          | 54.00                | 6.78        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: HDRPL24 / SISO / Core 0 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.850        | 63.80                | 74.00                | 10.20       | Horizontal       |
| 5355.610        | 59.45                | 74.00                | 14.55       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.975        | 50.57                | 0.58                       | 51.15                          | 54.00                | 2.85        | Horizontal       |
| 5438.440        | 46.99                | 0.58                       | 47.57                          | 54.00                | 6.43        | Horizontal       |

**Results: XHDRPL24 / SISO / Core 0 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.600        | 61.41                | 74.00                | 12.59       | Horizontal       |
| 5428.540        | 60.14                | 74.00                | 13.86       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5150            | 50.20                | 0.81                       | 51.01                          | 54.00                | 2.99        | Horizontal       |
| 5450.980        | 47.00                | 0.81                       | 47.81                          | 54.00                | 6.19        | Horizontal       |

**Results: HDT3 / SISO / Core 0 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5147.850        | 57.86                | 74.00                | 16.14       | Horizontal       |
| 5425.460        | 59.23                | 74.00                | 14.77       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.925        | 45.69                | 0.23                       | 45.92                          | 54.00                | 8.08        | Horizontal       |
| 5447.900        | 46.97                | 0.24                       | 47.21                          | 54.00                | 6.79        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: HDT4 / SISO / Core 0 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5147.600        | 57.40                | 74.00                | 16.60       | Horizontal       |
| 5447.570        | 59.21                | 74.00                | 14.79       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.825        | 45.63                | 0.30                       | 45.93                          | 54.00                | 8.07        | Horizontal       |
| 5438.440        | 46.96                | 0.31                       | 47.27                          | 54.00                | 6.73        | Horizontal       |

**Results: HDT6 / SISO / Core 0 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.975        | 62.53                | 74.00                | 11.47       | Horizontal       |
| 5441.410        | 59.18                | 74.00                | 14.82       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.975        | 46.07                | 0.40                       | 46.47                          | 54.00                | 7.53        | Horizontal       |
| 5445.040        | 46.96                | 0.40                       | 47.36                          | 54.00                | 6.64        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: BDR / SISO / Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5148.100        | 59.40                | 74.00                | 14.60       | Horizontal       |
| 5444.490        | 59.62                | 74.00                | 14.38       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.875        | 45.54                | 1.16                       | 46.70                          | 54.00                | 7.30        | Horizontal       |
| 5450.100        | 47.04                | 1.17                       | 48.21                          | 54.00                | 5.79        | Horizontal       |

**Results: LE 1M / SISO / Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.575        | 58.89                | 74.00                | 15.11       | Horizontal       |
| 5405.770        | 59.33                | 74.00                | 14.67       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.975        | 45.59                | 0.72                       | 46.31                          | 54.00                | 7.69        | Horizontal       |
| 5447.790        | 47.11                | 0.72                       | 47.83                          | 54.00                | 6.17        | Horizontal       |

**Results: LE 2M / SISO / Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.075        | 59.84                | 74.00                | 14.16       | Horizontal       |
| 5437.890        | 59.89                | 74.00                | 14.11       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5150            | 45.31                | 2.45                       | 47.76                          | 54.00                | 6.24        | Horizontal       |
| 5450.210        | 47.00                | 2.45                       | 49.45                          | 54.00                | 4.55        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: 4DH5 / SISO / Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5148.150        | 58.18                | 74.00                | 15.82       | Horizontal       |
| 5440.640        | 59.31                | 74.00                | 14.69       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5150            | 45.81                | 1.09                       | 46.90                          | 54.00                | 7.10        | Horizontal       |
| 5446.470        | 47.01                | 1.08                       | 48.09                          | 54.00                | 5.91        | Horizontal       |

**Results: 8DH5 / SISO / Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5148.125        | 63.27                | 74.00                | 10.73       | Horizontal       |
| 5451.860        | 59.61                | 74.00                | 14.39       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5148.775        | 49.55                | 1.07                       | 50.62                          | 54.00                | 3.38        | Horizontal       |
| 5443.610        | 47.03                | 1.09                       | 48.12                          | 54.00                | 5.88        | Horizontal       |

**Results: HDRPS2 / SISO / Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5150            | 57.70                | 74.00                | 16.30       | Horizontal       |
| 5367.930        | 59.14                | 74.00                | 14.86       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.675        | 45.71                | 0.34                       | 46.05                          | 54.00                | 7.95        | Horizontal       |
| 5437.670        | 47.05                | 0.34                       | 47.39                          | 54.00                | 6.61        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: HDRPM12 / SISO / Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5147.850        | 65.28                | 74.00                | 8.72        | Horizontal       |
| 5431.950        | 59.78                | 74.00                | 14.22       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5150            | 50.84                | 0.31                       | 51.15                          | 54.00                | 2.85        | Horizontal       |
| 5452.740        | 47.06                | 0.30                       | 47.36                          | 54.00                | 6.64        | Horizontal       |

**Results: XHDRPM8 / SISO / Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.700        | 62.68                | 74.00                | 11.32       | Horizontal       |
| 5380.140        | 59.15                | 74.00                | 14.85       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.975        | 50.07                | 0.35                       | 50.42                          | 54.00                | 3.58        | Horizontal       |
| 5449.770        | 47.05                | 0.36                       | 47.41                          | 54.00                | 6.59        | Horizontal       |

**Results: HDRPL8 / SISO / Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.925        | 61.46                | 74.00                | 12.54       | Horizontal       |
| 5430.410        | 59.66                | 74.00                | 14.34       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5150            | 49.32                | 0.23                       | 49.55                          | 54.00                | 4.45        | Horizontal       |
| 5444.820        | 47.09                | 0.23                       | 47.32                          | 54.00                | 6.68        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: HDRPL24 / SISO / Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.850        | 64.33                | 74.00                | 9.67        | Horizontal       |
| 5416.110        | 59.48                | 74.00                | 14.52       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.950        | 50.23                | 0.58                       | 50.81                          | 54.00                | 3.19        | Horizontal       |
| 5449.990        | 47.07                | 0.58                       | 47.65                          | 54.00                | 6.35        | Horizontal       |

**Results: XHDRPL24 / SISO / Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.825        | 61.96                | 74.00                | 12.04       | Horizontal       |
| 5438.110        | 59.00                | 74.00                | 15.00       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.950        | 50.67                | 0.81                       | 51.48                          | 54.00                | 2.52        | Horizontal       |
| 5459.230        | 47.06                | 0.81                       | 47.87                          | 54.00                | 6.13        | Horizontal       |

**Results: HDT3 / SISO / Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5148.025        | 58.11                | 74.00                | 15.89       | Horizontal       |
| 5420.620        | 59.39                | 74.00                | 14.61       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5150            | 46.11                | 0.24                       | 46.35                          | 54.00                | 7.65        | Horizontal       |
| 5439.760        | 47.05                | 0.24                       | 47.29                          | 54.00                | 6.71        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: HDT4 / SISO / Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.900        | 58.55                | 74.00                | 15.45       | Horizontal       |
| 5448.120        | 59.77                | 74.00                | 14.23       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5150            | 46.05                | 0.29                       | 46.34                          | 54.00                | 7.66        | Horizontal       |
| 5446.690        | 47.05                | 0.29                       | 47.34                          | 54.00                | 6.66        | Horizontal       |

**Results: HDT6 / SISO / Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.950        | 63.92                | 74.00                | 10.08       | Horizontal       |
| 5431.070        | 59.40                | 74.00                | 14.60       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.950        | 46.77                | 0.41                       | 47.18                          | 54.00                | 6.82        | Horizontal       |
| 5440.530        | 47.02                | 0.42                       | 47.46                          | 54.00                | 6.54        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: BDR / SISO / Core 0 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5132            | 57.19                | 74.00                | 16.81       | Horizontal       |
| 5445.920        | 58.97                | 74.00                | 15.03       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5125.925        | 44.67                | 1.17                       | 45.84                          | 54.00                | 8.16        | Horizontal       |
| 5459.230        | 46.89                | 1.17                       | 48.06                          | 54.00                | 5.94        | Horizontal       |

**Results: LE 1M / SISO / Core 0 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5127.800        | 56.26                | 74.00                | 17.74       | Horizontal       |
| 5427.330        | 58.48                | 74.00                | 15.52       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5128.700        | 44.03                | 0.72                       | 44.75                          | 54.00                | 9.25        | Horizontal       |
| 5455.270        | 46.45                | 0.72                       | 47.17                          | 54.00                | 6.83        | Horizontal       |

**Results: LE 2M / SISO / Core 0 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5141.275        | 56.85                | 74.00                | 17.15       | Horizontal       |
| 5406.650        | 59.10                | 74.00                | 14.90       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5127.425        | 44.07                | 2.46                       | 46.53                          | 54.00                | 7.47        | Horizontal       |
| 5449.990        | 46.48                | 2.46                       | 48.94                          | 54.00                | 5.06        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: 4DH5 / SISO / Core 0 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5125.275        | 57.27                | 74.00                | 16.73       | Horizontal       |
| 5416.550        | 58.93                | 74.00                | 15.07       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5128.275        | 44.66                | 1.09                       | 45.75                          | 54.00                | 8.25        | Horizontal       |
| 5452.520        | 46.88                | 1.08                       | 47.96                          | 54.00                | 6.04        | Horizontal       |

**Results: 8DH5 / SISO / Core 0 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5148.125        | 60.05                | 74.00                | 13.95       | Horizontal       |
| 5448.120        | 59.21                | 74.00                | 14.79       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5148.225        | 45.69                | 1.07                       | 46.76                          | 54.00                | 7.24        | Horizontal       |
| 5458.680        | 46.89                | 1.07                       | 47.96                          | 54.00                | 6.04        | Horizontal       |

**Results: HDRPS2 / SISO / Core 0 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5135.225        | 56.48                | 74.00                | 17.52       | Horizontal       |
| 5449.440        | 58.57                | 74.00                | 15.43       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5128.600        | 44.16                | 0.34                       | 44.50                          | 54.00                | 9.50        | Horizontal       |
| 5455.710        | 46.47                | 0.34                       | 46.81                          | 54.00                | 7.19        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: HDRPM12 / SISO / Core 0 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5144.425        | 56.56                | 74.00                | 17.44       | Horizontal       |
| 5411.270        | 58.37                | 74.00                | 15.63       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5125.650        | 44.03                | 0.30                       | 44.33                          | 54.00                | 9.67        | Horizontal       |
| 5451.200        | 46.41                | 0.31                       | 46.72                          | 54.00                | 7.28        | Horizontal       |

**Results: XHDRPM8 / SISO / Core 0 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.875        | 57.00                | 74.00                | 17.00       | Horizontal       |
| 5446.360        | 58.92                | 74.00                | 15.08       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.950        | 44.82                | 0.35                       | 45.17                          | 54.00                | 8.83        | Horizontal       |
| 5448.340        | 46.43                | 0.35                       | 46.78                          | 54.00                | 7.22        | Horizontal       |

**Results: HDRPL8 / SISO / Core 0 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5148.275        | 57.70                | 74.00                | 16.30       | Horizontal       |
| 5455.930        | 58.62                | 74.00                | 15.38       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.800        | 45.57                | 0.23                       | 45.80                          | 54.00                | 8.20        | Horizontal       |
| 5440.090        | 46.39                | 0.23                       | 46.62                          | 54.00                | 7.38        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: HDRPL24 / SISO / Core 0 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.875        | 54.04                | 74.00                | 19.96       | Horizontal       |
| 5436.020        | 58.15                | 74.00                | 15.85       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.350        | 41.22                | 0.58                       | 41.80                          | 54.00                | 12.20       | Horizontal       |
| 5456.810        | 45.29                | 0.58                       | 45.87                          | 54.00                | 8.13        | Horizontal       |

**Results: XHDRPL24 / SISO / Core 0 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.050        | 59.26                | 74.00                | 14.74       | Horizontal       |
| 5448.010        | 58.89                | 74.00                | 15.11       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.700        | 46.50                | 0.80                       | 47.30                          | 54.00                | 6.70        | Horizontal       |
| 5449.000        | 46.35                | 0.80                       | 47.15                          | 54.00                | 6.85        | Horizontal       |

**Results: HDT3 / SISO / Core 0 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5150            | 66.57                | 74.00                | 7.43        | Horizontal       |
| 5448.230        | 58.49                | 74.00                | 15.51       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.925        | 50.22                | 0.23                       | 50.45                          | 54.00                | 3.55        | Horizontal       |
| 5448.780        | 46.39                | 0.24                       | 46.63                          | 54.00                | 7.37        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: HDT4 / SISO / Core 0 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.725        | 64.23                | 74.00                | 9.77        | Horizontal       |
| 5429.310        | 58.32                | 74.00                | 15.68       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5150            | 50.26                | 0.29                       | 50.55                          | 54.00                | 3.45        | Horizontal       |
| 5450.100        | 46.42                | 0.30                       | 46.72                          | 54.00                | 7.28        | Horizontal       |

**Results: HDT6 / SISO / Core 0 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.925        | 65.79                | 74.00                | 8.21        | Horizontal       |
| 5442.730        | 59.27                | 74.00                | 14.73       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.950        | 50.95                | 0.42                       | 51.37                          | 54.00                | 2.63        | Horizontal       |
| 5453.070        | 46.43                | 0.41                       | 46.84                          | 54.00                | 7.16        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: BDR / SISO / Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5130.500        | 57.07                | 74.00                | 16.93       | Horizontal       |
| 5458.570        | 59.28                | 74.00                | 14.72       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5127.400        | 44.60                | 1.16                       | 45.76                          | 54.00                | 8.24        | Horizontal       |
| 5450.980        | 46.88                | 1.16                       | 48.04                          | 54.00                | 5.96        | Horizontal       |

**Results: LE 1M / SISO / Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5139.925        | 56.85                | 74.00                | 17.15       | Horizontal       |
| 5455.270        | 59.16                | 74.00                | 14.84       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5125.700        | 44.64                | 0.72                       | 45.36                          | 54.00                | 8.64        | Horizontal       |
| 5439.650        | 46.85                | 0.72                       | 47.57                          | 54.00                | 6.43        | Horizontal       |

**Results: LE 2M / SISO / Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5139.450        | 56.94                | 74.00                | 17.06       | Horizontal       |
| 5430.960        | 59.38                | 74.00                | 14.62       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5128.375        | 44.65                | 2.46                       | 47.11                          | 54.00                | 6.89        | Horizontal       |
| 5449.770        | 46.87                | 2.46                       | 49.33                          | 54.00                | 4.67        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: 4DH5 / SISO / Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.850        | 56.90                | 74.00                | 17.10       | Horizontal       |
| 5366.390        | 58.99                | 74.00                | 15.01       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5127.000        | 44.63                | 1.08                       | 45.71                          | 54.00                | 8.29        | Horizontal       |
| 5445.480        | 46.84                | 1.08                       | 47.92                          | 54.00                | 6.08        | Horizontal       |

**Results: 8DH5 / SISO / Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5148.350        | 58.83                | 74.00                | 15.17       | Horizontal       |
| 5406.980        | 59.27                | 74.00                | 14.73       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5148.725        | 45.91                | 1.09                       | 47.00                          | 54.00                | 7.00        | Horizontal       |
| 5456.040        | 46.85                | 1.09                       | 47.94                          | 54.00                | 6.06        | Horizontal       |

**Results: HDRPS2 / SISO / Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5143.700        | 56.86                | 74.00                | 17.14       | Horizontal       |
| 5405.110        | 59.62                | 74.00                | 14.38       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5129.500        | 44.63                | 0.34                       | 44.97                          | 54.00                | 9.03        | Horizontal       |
| 5451.970        | 46.86                | 0.34                       | 47.20                          | 54.00                | 6.80        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: HDRPM12 / SISO / Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5147.550        | 57.70                | 74.00                | 16.30       | Horizontal       |
| 5383.330        | 59.26                | 74.00                | 14.74       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.750        | 44.67                | 0.31                       | 44.98                          | 54.00                | 9.02        | Horizontal       |
| 5459.450        | 46.87                | 0.31                       | 47.18                          | 54.00                | 6.82        | Horizontal       |

**Results: XHDRPM8 / SISO / Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.850        | 57.07                | 74.00                | 16.93       | Horizontal       |
| 5427.000        | 59.58                | 74.00                | 14.42       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5150            | 45.32                | 0.35                       | 45.67                          | 54.00                | 8.33        | Horizontal       |
| 5453.840        | 46.86                | 0.35                       | 47.21                          | 54.00                | 6.79        | Horizontal       |

**Results: HDRPL8 / SISO / Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.650        | 60.65                | 74.00                | 13.35       | Horizontal       |
| 5435.030        | 59.62                | 74.00                | 14.38       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5150            | 49.86                | 0.23                       | 50.09                          | 54.00                | 3.91        | Horizontal       |
| 5448.120        | 46.86                | 0.23                       | 47.09                          | 54.00                | 6.91        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: HDRPL24 / SISO / Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5146.950        | 57.82                | 74.00                | 16.18       | Horizontal       |
| 5400.600        | 58.84                | 74.00                | 15.16       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.975        | 43.37                | 0.58                       | 43.95                          | 54.00                | 10.05       | Horizontal       |
| 5446.800        | 46.85                | 0.58                       | 47.43                          | 54.00                | 6.57        | Horizontal       |

**Results: XHDRPL24 / SISO / Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5150            | 61.80                | 74.00                | 12.20       | Horizontal       |
| 5449.000        | 58.82                | 74.00                | 15.18       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5150            | 50.31                | 0.80                       | 51.11                          | 54.00                | 2.89        | Horizontal       |
| 5453.510        | 46.87                | 0.81                       | 47.68                          | 54.00                | 6.32        | Horizontal       |

**Results: HDT3 / SISO / Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.550        | 64.77                | 74.00                | 9.23        | Horizontal       |
| 5427.330        | 59.44                | 74.00                | 14.56       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.975        | 50.17                | 0.23                       | 50.40                          | 54.00                | 3.60        | Horizontal       |
| 5438.110        | 46.85                | 0.24                       | 47.09                          | 54.00                | 6.91        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: HDT4 / SISO / Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.025        | 65.31                | 74.00                | 8.69        | Horizontal       |
| 5402.140        | 59.48                | 74.00                | 14.52       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.950        | 50.50                | 0.29                       | 50.79                          | 54.00                | 3.21        | Horizontal       |
| 5457.250        | 46.87                | 0.30                       | 47.17                          | 54.00                | 6.83        | Horizontal       |

**Results: HDT6 / SISO / Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.975        | 66.56                | 74.00                | 7.44        | Horizontal       |
| 5457.030        | 59.57                | 74.00                | 14.43       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5150            | 50.25                | 0.41                       | 50.66                          | 54.00                | 3.34        | Horizontal       |
| 5448.450        | 46.86                | 0.41                       | 47.27                          | 54.00                | 6.73        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: BDR / Beamforming / Core 0 + Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.975        | 59.30                | 74.00                | 14.70       | Horizontal       |
| 5453.730        | 59.70                | 74.00                | 14.30       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.975        | 45.87                | 1.17                       | 47.04                          | 54.00                | 6.96        | Horizontal       |
| 5452.410        | 47.00                | 1.16                       | 48.16                          | 54.00                | 5.84        | Horizontal       |

**Results: LE 1M / Beamforming / Core 0 + Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5148.875        | 58.21                | 74.00                | 15.79       | Horizontal       |
| 5411.160        | 59.47                | 74.00                | 14.53       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.750        | 45.95                | 0.72                       | 46.67                          | 54.00                | 7.33        | Horizontal       |
| 5453.400        | 46.60                | 0.72                       | 47.32                          | 54.00                | 6.68        | Horizontal       |

**Results: LE 2M / Beamforming / Core 0 + Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5148.775        | 59.29                | 74.00                | 14.71       | Horizontal       |
| 5419.080        | 58.88                | 74.00                | 15.12       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.925        | 45.62                | 2.46                       | 48.08                          | 54.00                | 5.92        | Horizontal       |
| 5453.070        | 46.58                | 2.46                       | 49.04                          | 54.00                | 4.96        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: 4DH5 / Beamforming / Core 0 + Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5127.500        | 58.13                | 74.00                | 15.87       | Horizontal       |
| 5456.370        | 59.03                | 74.00                | 14.97       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.950        | 45.82                | 1.08                       | 46.90                          | 54.00                | 7.10        | Horizontal       |
| 5448.340        | 47.00                | 1.08                       | 48.08                          | 54.00                | 5.92        | Horizontal       |

**Results: 8DH5 / Beamforming / Core 0 + Core 1 / ePA****Results: Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5148.425        | 63.64                | 74.00                | 10.36       | Horizontal       |
| 5457.250        | 59.09                | 74.00                | 14.91       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.900        | 50.35                | 1.07                       | 51.42                          | 54.00                | 2.58        | Horizontal       |
| 5445.700        | 46.98                | 1.07                       | 48.05                          | 54.00                | 5.95        | Horizontal       |

**Results: HDRPS2 / Beamforming / Core 0 + Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5150            | 58.21                | 74.00                | 15.79       | Horizontal       |
| 5459.670        | 59.86                | 74.00                | 14.14       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.950        | 45.92                | 0.34                       | 46.26                          | 54.00                | 7.74        | Horizontal       |
| 5448.340        | 47.03                | 0.34                       | 47.37                          | 54.00                | 6.63        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: HDRPM12 / Beamforming / Core 0 + Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.050        | 65.53                | 74.00                | 8.47        | Horizontal       |
| 5448.230        | 59.36                | 74.00                | 14.64       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5150            | 50.98                | 0.31                       | 51.29                          | 54.00                | 2.71        | Horizontal       |
| 5443.720        | 47.02                | 0.30                       | 47.32                          | 54.00                | 6.68        | Horizontal       |

**Results: XHDRPM8 / Beamforming / Core 0 + Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.850        | 60.74                | 74.00                | 13.26       | Horizontal       |
| 5442.180        | 59.24                | 74.00                | 14.76       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.975        | 49.13                | 0.35                       | 49.48                          | 54.00                | 4.52        | Horizontal       |
| 54557.470       | 47.02                | 0.35                       | 47.37                          | 54.00                | 6.63        | Horizontal       |

**Results: HDRPL8 / Beamforming / Core 0 + Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5150            | 61.67                | 74.00                | 12.33       | Horizontal       |
| 5456.700        | 59.34                | 74.00                | 14.66       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5150            | 50.17                | 0.23                       | 50.40                          | 54.00                | 3.60        | Horizontal       |
| 5449.990        | 47.02                | 0.23                       | 47.25                          | 54.00                | 6.75        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: HDRPL24 / Beamforming / Core 0 + Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.550        | 63.05                | 74.00                | 10.95       | Horizontal       |
| 5452.080        | 59.34                | 74.00                | 14.66       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5150            | 50.11                | 0.58                       | 50.69                          | 54.00                | 3.31        | Horizontal       |
| 5459.010        | 46.99                | 0.58                       | 47.57                          | 54.00                | 6.43        | Horizontal       |

**Results: XHDRPL24 / Beamforming / Core 0 + Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.525        | 61.49                | 74.00                | 12.51       | Horizontal       |
| 5403.790        | 59.48                | 74.00                | 14.52       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5150            | 49.88                | 0.80                       | 50.68                          | 54.00                | 3.32        | Horizontal       |
| 5445.480        | 47.04                | 0.80                       | 47.84                          | 54.00                | 6.16        | Horizontal       |

**Results: HDT3 / Beamforming / Core 0 + Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5143.300        | 57.74                | 74.00                | 16.26       | Horizontal       |
| 5430.410        | 59.54                | 74.00                | 14.46       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.950        | 45.96                | 0.24                       | 46.20                          | 54.00                | 7.80        | Horizontal       |
| 5440.970        | 47.00                | 0.25                       | 47.25                          | 54.00                | 6.75        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: HDT4 / Beamforming / Core 0 + Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.350        | 59.35                | 74.00                | 14.65       | Horizontal       |
| 5458.570        | 59.42                | 74.00                | 14.58       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.800        | 45.96                | 0.31                       | 46.27                          | 54.00                | 7.73        | Horizontal       |
| 5451.530        | 47.01                | 0.30                       | 47.31                          | 54.00                | 6.69        | Horizontal       |

**Results: HDT6 / Beamforming / Core 0 + Core 1 / ePA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5150            | 63.45                | 74.00                | 10.55       | Horizontal       |
| 5428.980        | 59.13                | 74.00                | 14.87       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5150            | 46.62                | 0.41                       | 47.03                          | 54.00                | 6.97        | Horizontal       |
| 5447.460        | 47.01                | 0.42                       | 47.43                          | 54.00                | 6.57        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: BDR / Beamforming / Core 0 + Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5137.025        | 57.28                | 74.00                | 16.72       | Horizontal       |
| 5416.550        | 59.41                | 74.00                | 14.59       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5131.550        | 44.67                | 1.17                       | 45.84                          | 54.00                | 8.16        | Horizontal       |
| 5449.330        | 46.91                | 1.17                       | 48.06                          | 54.00                | 5.94        | Horizontal       |

**Results: LE 1M / Beamforming / Core 0 + Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5134.050        | 57.64                | 74.00                | 16.36       | Horizontal       |
| 5456.590        | 58.79                | 74.00                | 15.21       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5127.575        | 44.69                | 0.72                       | 45.61                          | 54.00                | 8.39        | Horizontal       |
| 5442.400        | 46.47                | 0.72                       | 47.19                          | 54.00                | 6.81        | Horizontal       |

**Results: LE 2M / Beamforming / Core 0 + Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5147.400        | 56.93                | 74.00                | 17.07       | Horizontal       |
| 5387.400        | 58.58                | 74.00                | 15.42       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5130.550        | 44.67                | 2.46                       | 47.13                          | 54.00                | 6.87        | Horizontal       |
| 5449.220        | 46.46                | 2.46                       | 48.92                          | 54.00                | 5.08        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: 4DH5 / Beamforming / Core 0 + Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5125.000        | 57.23                | 74.00                | 16.77       | Horizontal       |
| 5439.650        | 58.73                | 74.00                | 15.27       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5126.400        | 44.67                | 1.08                       | 45.75                          | 54.00                | 8.25        | Horizontal       |
| 5452.960        | 46.87                | 1.08                       | 47.95                          | 54.00                | 6.05        | Horizontal       |

**Results: 8DH5 / Beamforming / Core 0 + Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5147.800        | 58.66                | 74.00                | 15.34       | Horizontal       |
| 5433.820        | 58.80                | 74.00                | 15.20       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5148.075        | 45.52                | 1.08                       | 46.60                          | 54.00                | 7.40        | Horizontal       |
| 5457.140        | 46.89                | 1.08                       | 47.97                          | 54.00                | 6.03        | Horizontal       |

**Results: HDRPS2 / Beamforming / Core 0 + Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5141.300        | 56.88                | 74.00                | 17.12       | Horizontal       |
| 5422.820        | 59.07                | 74.00                | 14.93       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5127.100        | 44.70                | 0.34                       | 45.04                          | 54.00                | 8.96        | Horizontal       |
| 5440.420        | 46.58                | 0.34                       | 46.92                          | 54.00                | 7.08        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: HDRPM12 / Beamforming / Core 0 + Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5134.125        | 56.58                | 74.00                | 17.42       | Horizontal       |
| 5452.520        | 59.32                | 74.00                | 14.68       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5127.050        | 44.06                | 0.30                       | 44.36                          | 54.00                | 9.64        | Horizontal       |
| 5450.210        | 46.92                | 0.30                       | 47.22                          | 54.00                | 6.78        | Horizontal       |

**Results: XHDRPM8 / Beamforming / Core 0 + Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5144.175        | 56.74                | 74.00                | 17.26       | Horizontal       |
| 5390.150        | 58.41                | 74.00                | 15.59       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.975        | 44.33                | 0.36                       | 44.69                          | 54.00                | 9.31        | Horizontal       |
| 5455.043        | 46.38                | 0.35                       | 46.73                          | 54.00                | 7.27        | Horizontal       |

**Results: HDRPL8 / Beamforming / Core 0 + Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.075        | 58.67                | 74.00                | 15.33       | Horizontal       |
| 5457.910        | 59.11                | 74.00                | 14.89       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.925        | 45.67                | 0.23                       | 45.90                          | 54.00                | 8.10        | Horizontal       |
| 5451.200        | 46.87                | 0.23                       | 47.10                          | 54.00                | 6.90        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: HDRPL24 / Beamforming / Core 0 + Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5146.600        | 54.21                | 74.00                | 19.79       | Horizontal       |
| 5447.900        | 59.22                | 74.00                | 14.78       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5148.625        | 41.75                | 0.58                       | 42.33                          | 54.00                | 11.67       | Horizontal       |
| 5453.180        | 46.90                | 0.58                       | 47.48                          | 54.00                | 6.52        | Horizontal       |

**Results: XHDRPL24 / Beamforming / Core 0 + Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5148.400        | 60.41                | 74.00                | 13.59       | Horizontal       |
| 5447.570        | 59.53                | 74.00                | 14.47       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.800        | 47.07                | 0.80                       | 47.87                          | 54.00                | 6.13        | Horizontal       |
| 5444.270        | 46.89                | 0.80                       | 47.69                          | 54.00                | 6.31        | Horizontal       |

**Results: HDT3 / Beamforming / Core 0 + Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5150            | 67.58                | 74.00                | 6.42        | Horizontal       |
| 5440.420        | 59.10                | 74.00                | 14.90       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5149.150        | 51.07                | 0.25                       | 51.32                          | 54.00                | 2.68        | Horizontal       |
| 5456.810        | 46.89                | 0.25                       | 47.14                          | 54.00                | 6.86        | Horizontal       |

**Band Edge Radiated Emissions (continued)****Results: HDT4 / Beamforming / Core 0 + Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5150            | 64.92                | 74.00                | 9.08        | Horizontal       |
| 5433.600        | 58.98                | 74.00                | 15.02       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5150            | 50.05                | 0.30                       | 50.35                          | 54.00                | 3.65        | Horizontal       |
| 5459.450        | 46.88                | 0.30                       | 47.18                          | 54.00                | 6.82        | Horizontal       |

**Results: HDT6 / Beamforming / Core 0 + Core 1 / iPA****Results: Peak**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------|-------------|------------------|
| 5149.900        | 67.07                | 74.00                | 6.93        | Horizontal       |
| 5451.970        | 59.37                | 74.00                | 14.63       | Horizontal       |

**Results: Average**

| Frequency (MHz) | Level (dB $\mu$ V/m) | Duty Cycle Correction (dB) | Corrected Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Antenna Polarity |
|-----------------|----------------------|----------------------------|--------------------------------|----------------------|-------------|------------------|
| 5150            | 50.93                | 0.42                       | 51.35                          | 54.00                | 2.65        | Horizontal       |
| 5459.890        | 46.89                | 0.43                       | 47.32                          | 54.00                | 6.68        | Horizontal       |

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