



TEST REPORT

Test Report No. : UL-RPT-RP16107649JD05C

Applicant* : Apple Inc.
Model No.* : A3535
FCC ID* : BCGA3535
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

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Applicant Information

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Report Revision History

Version Number	Issue Date	Revision Details	Revised By
1.0	08/07/2026	Initial Version	Ben Mercer
2.0	23/07/2026	Admin update	Sarah Williams
3.0	11/08/2026	Address TCB feedback	Sarah Williams

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1 Attestation of Test Results

1.1 Description of EUT

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

1.2 General Information

Specification Reference:	47CFR15.407
Specification Title:	Code of Federal Regulations Volume 47 (Telecommunication): Part 15 Subpart E (Unlicensed National Information Infrastructure Devices) – Section 15.407
Specification Reference:	47CFR15.209
Specification Title:	Code of Federal Regulations Volume 47 (Telecommunications): Part 15 Subpart C (Intentional Radiators) – Section 15.209
Site Registration:	685609
FCC Lab. Designation No.:	UK2011
Location of Testing:	Units 3 & 4 Horizon, Wade Road, Kingsland Business Park, Basingstoke, Hampshire, RG24 8AH, United Kingdom
Test Dates:	12 February 2026 to 05 May 2026

1.3 Summary of Test Results

FCC Clause (47CFR)	Transmitter Measurement	Result
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	-
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

Reference:	ANSI C63.10-2020
Title:	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices
Reference:	#ANSI C63.10-2020/Cor1-2023
Title:	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices – Corrigendum 1
Reference:	#ANSI C63.10-2020+C63.10a-2024
Title:	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices – Amendment 1
Reference:	#ANSI C63.10-2020+Errata to C63.10a-2024
Title:	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_{Att} : conducted path attenuation (cables + attenuators)

AF: antenna factor

P_{Gain} : external preamplifier gain

D_{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

Asset No.	Instrument	Manufacturer	Type No.	Serial No.	Date Calibration Due	Cal. Interval (Months)
M2042	Thermohygrometer	Testo	608-H1	45124926	18 Dec 2026	12
M231905	Signal Analyser	Keysight	N9020B	MY63430222	01 Oct 2026	12
A227121	Attenuator	Pasternack	PE7013-10	#2	Calibrated before use	-
A227122	Attenuator	Pasternack	PE7013-10	#3	Calibrated before use	-
M2020	Power Sensor	Boonton	RTP55006	9970	02 Jun 2026	12
M2021	Power Sensor	Boonton	RTP55006	9967	02 Jun 2026	12
A231995	Switching Unit	Mini-Circuits	ZT-400	12211020020	Calibrated before use	-
M241601	Network Analyser	Keysight	P5007B	MY61100200	02 Oct 2026	12

Test Measurement Software/Firmware Used for Conducted Tests

Name	Version	Release Date
Phoenix	5.0.17	27 April 2026

Test and Measurement Equipment (continued)**Test Equipment Used for 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
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
A266802	Signal Conditioning Unit	Link Microtek	AMUNIT-SCB-UL1	16817	16 Jul 2026	12
A225134	Antenna	Teseq	CBL6111D	62222	13 Mar 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
A3115	Attenuator	AtlanTecRF	AN18-06	219706#5	13 Mar 2026	12
A230451	Attenuator	Atlantic Microwave	ATT10KXP-483034-N4N5	#1	07 Jul 2026	12
A227145	Low Pass Filter	Micro-Tronics	LPM21015	001	07 Jul 2026	12
C227002	RF Cable	Huber + Suhner	SF126EA/11N /11N/6000	520901	07 Jul 2026	12
C226916	RF Cable	Huber + Suhner	SF126EA/11N /11N/4000	520384	07 Jul 2026	12
C226955	RF Cable	Huber + Suhner	SF126EA/11N /11N/2000	520363	07 Jul 2026	12
C226942	RF Cable	Huber + Suhner	SF126EA/11N /11N/800	520358	07 Jul 2026	12
C267843	RF Cable	Huber + Suhner	SF526EA/11N /11N/7000	3458770001	06 Nov 2026	12
C226957	RF Cable	Huber + Suhner	SF126EA/11N /11N/2000	520366	06 Nov 2026	12
C256193	RF Cable	Link Microtek	B10-07-07-0.5M-001	#7	04 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 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 /11N/7000	3458770001	06 Nov 2026	12
C226957	RF Cable	Huber + Suhner	SF126EA/11N /11N/2000	520366	06 Nov 2026	12
C256193	RF Cable	Link Microtek	B10-07-07-0.5M-001	#7	04 Nov 2026	12

Test Measurement Software/Firmware Used for Radiated Tests

Name	Version	Release Date
Phoenix Core	5.0.3	27 January 2026
Phoenix Radiated	5.1.0	09 February 2026

3 Equipment Under Test (EUT)

3.1 Identification of Equipment Under Test (EUT)

Brand Name*:	Apple
Model Name or Number*:	A3535
FCC ID*:	BCGA3535

Test Sample Serial Number*:	Hardware Version*:	Software Version*:	Date of Receipt:
QFJ737LTP7 (<i>Conducted #1</i>)	REV 1.0	26A259	12 March 2026
LWNHJ73FMF (<i>Radiated #1</i>)	REV 1.0	26A259	10 February 2026

3.2 Modifications Incorporated in the EUT

No modifications were applied to the EUT during testing.

3.3 Additional Information Related to Testing

Technology Tested:	NarrowBand FHSS
Type of Unit:	Transceiver
Power Supply Requirement(s)*:	12 VDC via 120 VAC 60 Hz AC/DC supply
Channel Bandwidth(s):	1, 2, 4 & 8 MHz
Maximum Conducted Output Power:	15.91 dBm

Additional Information Related to Testing (continued)

Mode*	Modulation*	Packet Type (Maximum Payload)*	Data Rate (Mbps)*
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)

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

3.4 Description of Available Antennas

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

Frequency Band (MHz)	G_{Antenna 1 / Core 0} (dBi)	G_{Antenna 2 / Core 1} (dBi)
5150 to 5250	3.4	4.7

Frequency Band (MHz)	Directional Antenna Gain for Power and PSD Measurements (dBi)
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	L20H7Q2K6P
USB Diagnostic Cable	Apple	Chimp	439507
Test Laptop	Apple	MacBook Pro	K5J73GH9RH
USB Diagnostic Cable	Apple	Chimp	902CC8

Laboratory Supplied:

Description	Brand Name	Model Name or Number	Serial Number
USB-C Docking Station.	Lenovo	LDC-G2	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. 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.

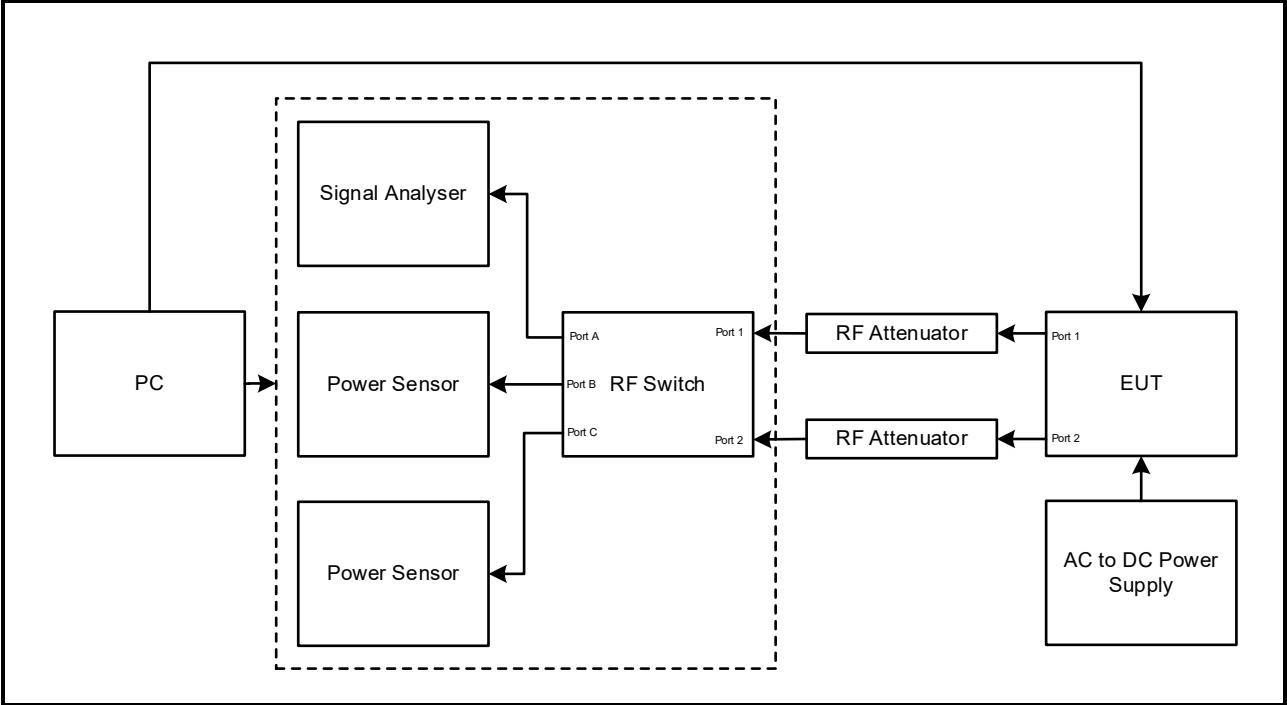
Worst-case Summary							
Mode	BW (MHz)	Power	PSD	Mode	BW (MHz)	Power	PSD
DH5	1	X	X	HDT2	2.4		
LE1M	1	X	X	HDT3		X	X
LE2M	2	X	X	HDT4	2.4	X	X
4DH5	2.4	X	X	HDT6	2.4		
8DH5	4.8	X	X	HDT8		X	X
HDRPS2	2.4	X	X	HDRPL24	8	X	X
XHDRPS2				HDRPL32			
HDRPM4	4.8			XHDRPL24			
HDRPM6				XHDRPL32			
HDRPM8				HDRPL8	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:

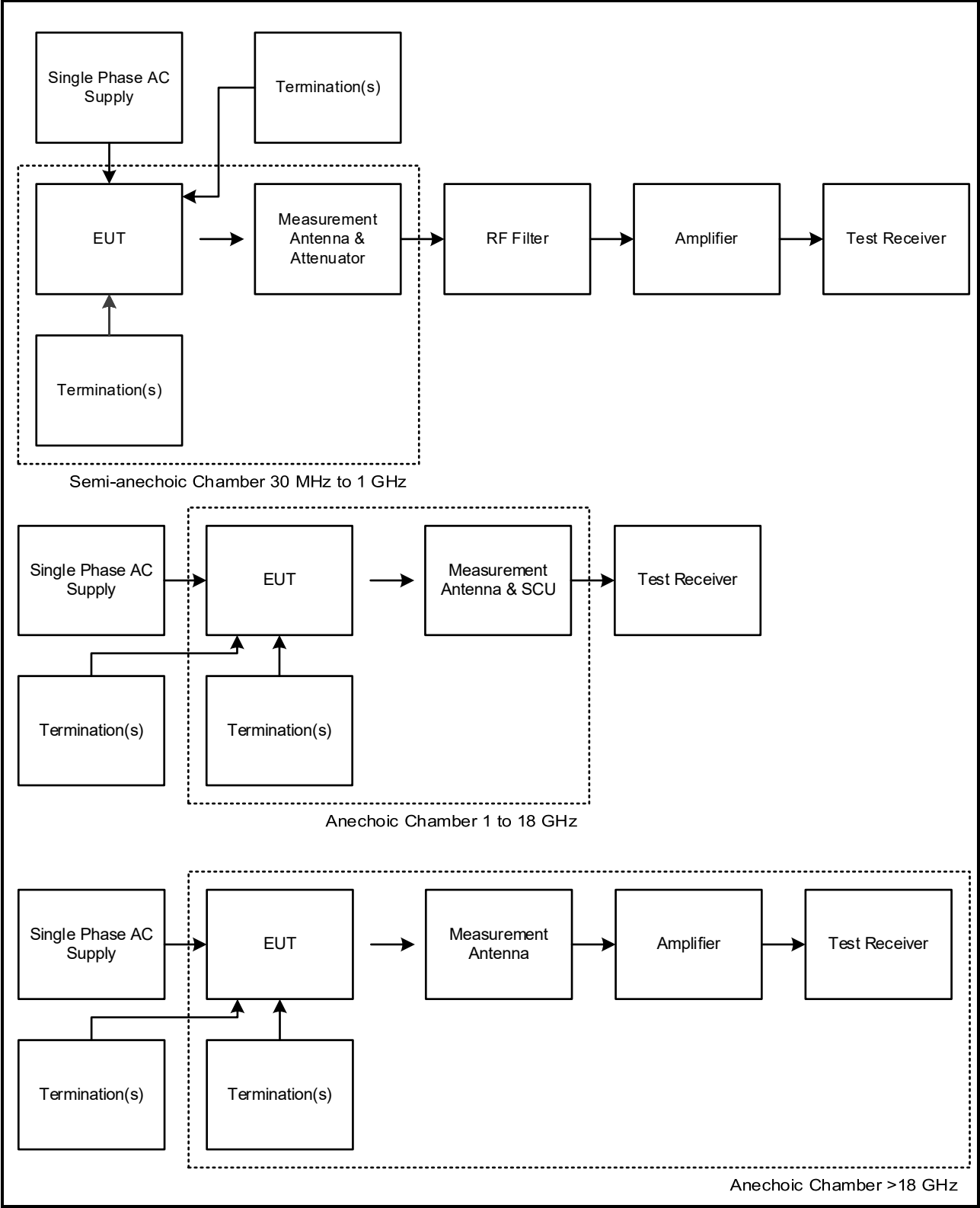
Test Setup for Conducted Tests



Test Setup Diagrams (continued)

Radiated Tests:

Test Setup for Radiated Emissions



4 Antenna Port Test Results

4.1 Duty Cycle

Test Summary:

Test Engineer:	Jerome Moyo	Test Date:	01 May 2026 to 05 May 2026
Test Sample Serial Number:	QFJ737LTP7		

FCC Clause:	Part 15.35(c)
Test Method Used:	ANSI C63.10 Section 12.4

Environmental Conditions:

Temperature (°C):	23 to 24
Relative Humidity (%):	33 to 42

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

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

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

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

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

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

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

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

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

Test Frequency (MHz)	Burst Type	Stability	Duty Cycle (%)	Period (ms)	Width (ms)
5163	Burst Tx	< $\pm 2\%$	86.70	6.250	5.418

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

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

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

Antenna Configuration:	SISO	Mode:	HDT
Test Port:	2 (Core 0)	Rate/Modulation:	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

Antenna Configuration:	SISO	Mode:	HDT
Test Port:	2 (Core 0)	Rate/Modulation:	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

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

Test Frequency (MHz)	Burst Type	Stability	Duty Cycle (%)	Period (ms)	Width (ms)
5162	Burst Tx	< $\pm 2\%$	89.06	0.699	0.621

4.2 26 dB Bandwidth**Test Summary:**

Test Engineer:	Jerome Moyo	Test Dates:	30 April 2026 to 05 May 2026
Test Sample Serial Number:	QFJ737LTP7		

FCC Clause:	Part 15.403
Test Method Used:	ANSI C63.10 Section 12.5.2

Environmental Conditions:

Temperature (°C):	23 to 24
Relative Humidity (%):	33 to 50

Note(s):

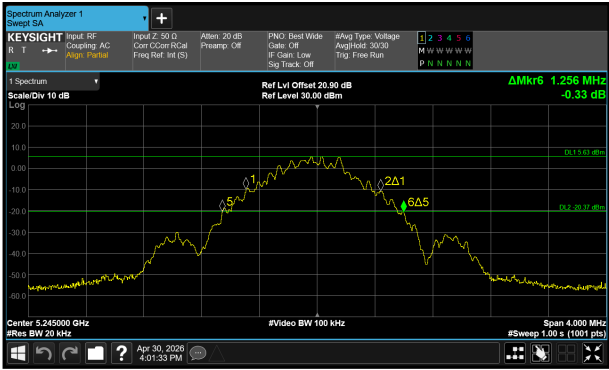
1. The transmitter output is connected to a signal analyser. The RBW is set in the range of 1% to 5% of the EBW. The VBW is set to $\geq 3 \times \text{RBW}$. The sweep time is coupled.
2. Example plots of each modulation on the worst-case channel, for one antenna configuration, can be seen below to 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

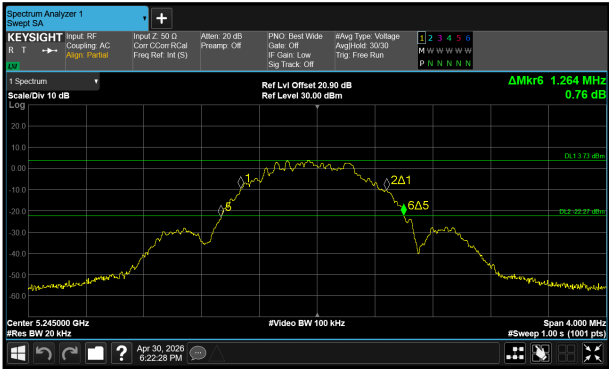
Antenna Configuration:	SISO	Mode:	BDR
Test Port:	2 (Core 0)	Rate/Modulation:	DH5 (GFSK)

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5162	-	1.216	-	-	-
5203	-	1.252	-	-	-
5245	-	1.256	-	-	-



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

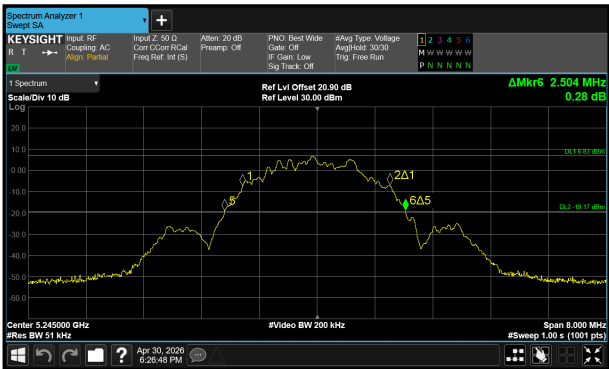
Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5162	-	1.264	-	-	-
5203	-	1.264	-	-	-
5245	-	1.264	-	-	-



26 dB Bandwidth (continued)

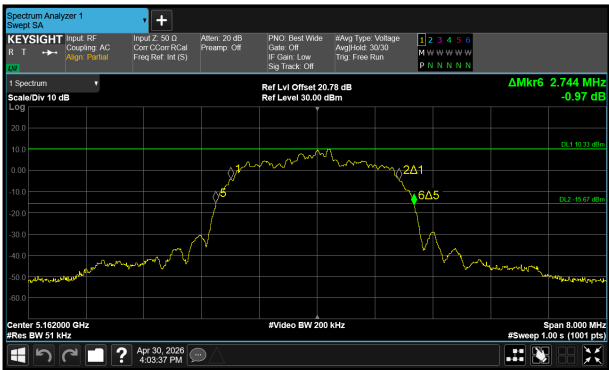
Antenna Configuration:	SISO	Mode:	LE
Test Port:	2 (Core 0)	Rate/Modulation:	LE 2M (GFSK)

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



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

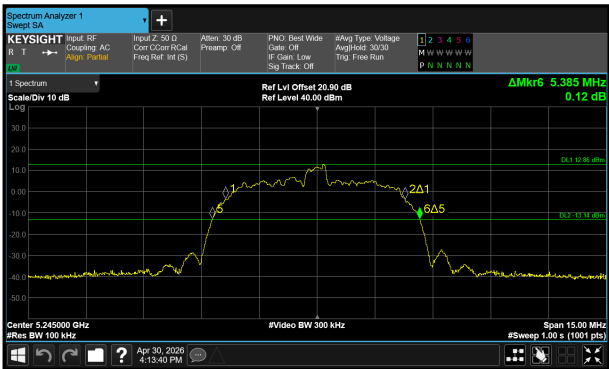
Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5162	-	2.744	-	-	-
5203	-	2.744	-	-	-
5245	-	2.736	-	-	-



26 dB Bandwidth (continued)

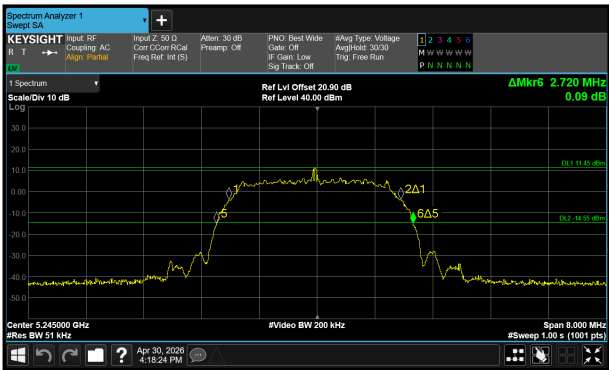
Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	8DH5 (π /4-DQPSK)

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



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

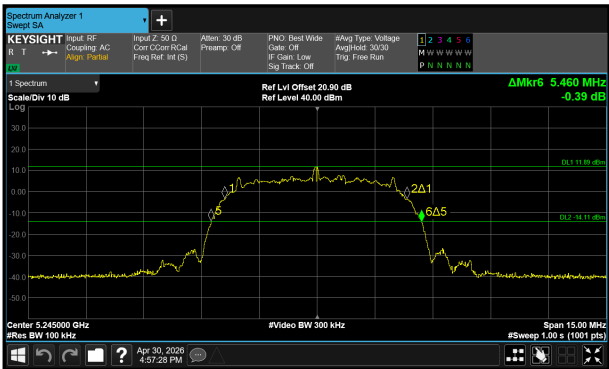
Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5162	-	2.712	-	-	-
5203	-	2.712	-	-	-
5245	-	2.720	-	-	-



26 dB Bandwidth (continued)

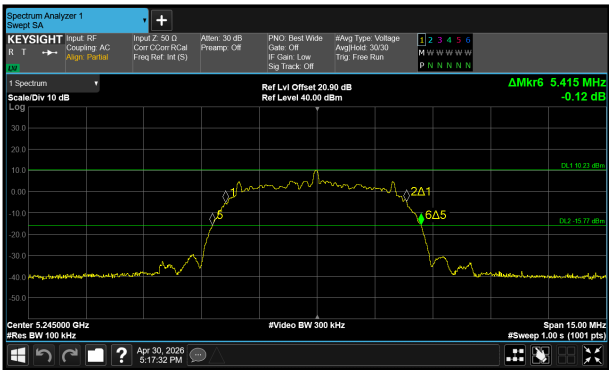
Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	XHDRPM6 (OQPSK)

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



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

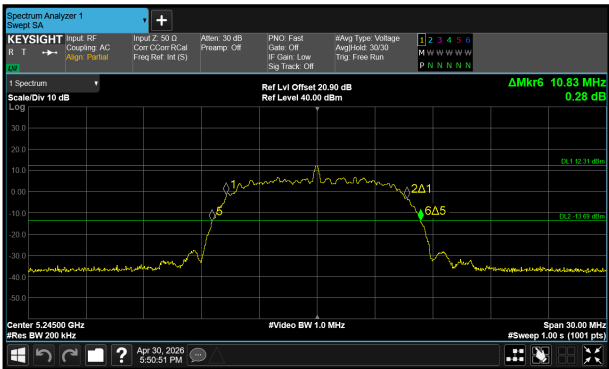
Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5163	-	5.415	-	-	-
5203	-	5.415	-	-	-
5245	-	5.415	-	-	-



26 dB Bandwidth (continued)

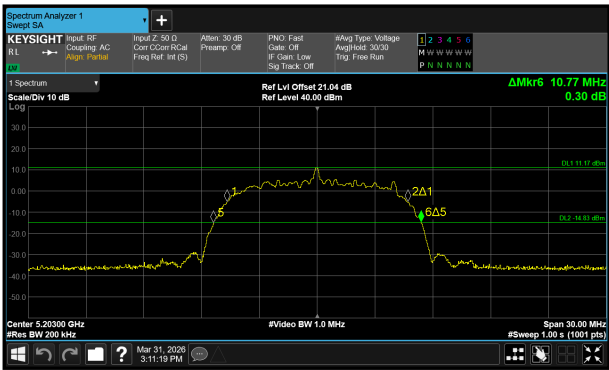
Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	XHDRPL16 (OQPSK)

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



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

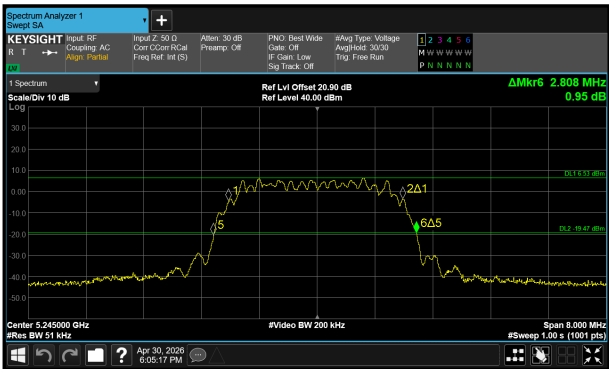
Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5165	-	10.770	-	-	-
5203	-	10.770	-	-	-
5245	-	10.770	-	-	-



26 dB Bandwidth (continued)

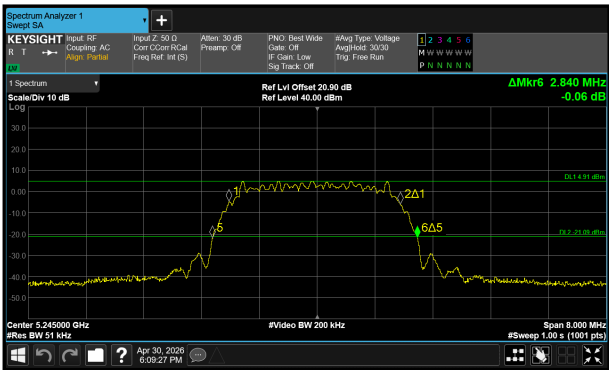
Antenna Configuration:	SISO	Mode:	HDT
Test Port:	2 (Core 0)	Rate/Modulation:	HDT3 (π /4-QPSK)

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



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

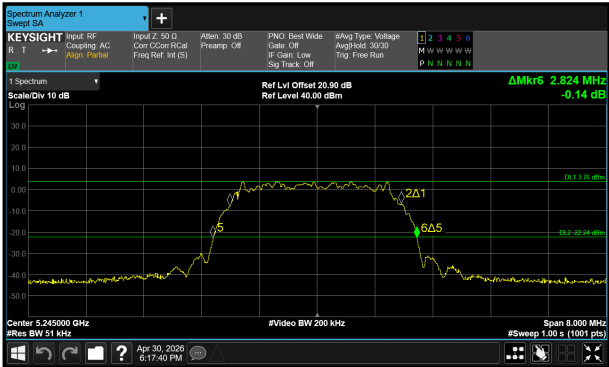
Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5162	-	2.840	-	-	-
5203	-	2.840	-	-	-
5245	-	2.840	-	-	-



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	-	2.824	-	-	-
5203	-	2.824	-	-	-
5245	-	2.824	-	-	-



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

Antenna Configuration:	SISO	Mode:	BDR
Test Port:	3 (Core 1)	Rate/Modulation:	DH5 (GFSK)

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

Antenna Configuration:	SISO	Mode:	LE
Test Port:	3 (Core 1)	Rate/Modulation:	LE 1M (GFSK)

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

Antenna Configuration:	SISO	Mode:	LE
Test Port:	3 (Core 1)	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	-	-

26 dB Bandwidth (continued)

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

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

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	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	-	-

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	HDRPS2 (OQPSK)

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

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	XHDRPM6 (OQPSK)

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

26 dB Bandwidth (continued)

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	XHDRPM16 (16QAM)

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

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	XHDRPL16 (OQPSK)

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

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	HDRPL24 (16QAM)

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

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

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

26 dB Bandwidth (continued)

Antenna Configuration:	SISO	Mode:	HDT
Test Port:	3 (Core 1)	Rate/Modulation:	HDT4 (8PSK)

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

Antenna Configuration:	SISO	Mode:	HDT
Test Port:	3 (Core 1)	Rate/Modulation:	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**

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

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

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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5162	-	1.268	-	-	-
5203	-	1.264	-	-	-
5245	-	1.260	-	-	-

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	-	-	-

26 dB Bandwidth (continued)

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

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	-	5.415	-	-	-
5203	-	5.430	-	-	-
5245	-	5.430	-	-	-

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	-	2.728	-	-	-
5203	-	2.720	-	-	-
5245	-	2.712	-	-	-

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	-	5.490	-	-	-
5203	-	5.490	-	-	-
5245	-	5.490	-	-	-

26 dB Bandwidth (continued)

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	-	5.430	-	-	-
5203	-	5.445	-	-	-
5245	-	5.445	-	-	-

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	-	10.860	-	-	-
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	-	10.830	-	-	-
5203	-	10.860	-	-	-
5245	-	10.860	-	-	-

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

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

26 dB Bandwidth (continued)

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	-	2.840	-	-	-
5203	-	2.840	-	-	-
5245	-	2.840	-	-	-

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	-	2.824	-	-	-
5203	-	2.824	-	-	-
5245	-	2.824	-	-	-

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

Antenna Configuration:	SISO	Mode:	BDR
Test Port:	3 (Core 1)	Rate/Modulation:	DH5 (GFSK)

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

Antenna Configuration:	SISO	Mode:	LE
Test Port:	3 (Core 1)	Rate/Modulation:	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	-	-

Antenna Configuration:	SISO	Mode:	LE
Test Port:	3 (Core 1)	Rate/Modulation:	LE 2M (GFSK)

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

26 dB Bandwidth (continued)

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	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	-	-

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

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

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	HDRPS2 (OQPSK)

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5162	-	-	2.712	-	-
5203	-	-	2.712	-	-
5245	-	-	2.728	-	-

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	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	-	-

26 dB Bandwidth (continued)

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	XHDRPM16 (16QAM)

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

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	XHDRPL16 (OQPSK)

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

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	HDRPL24 (16QAM)

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

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

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

26 dB Bandwidth (continued)

Antenna Configuration:	SISO	Mode:	HDT
Test Port:	3 (Core 1)	Rate/Modulation:	HDT4 (8PSK)

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

Antenna Configuration:	SISO	Mode:	HDT
Test Port:	3 (Core 1)	Rate/Modulation:	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: Beamforming / ePA**

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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5162	-	1.256	1.256	-	-
5203	-	1.256	1.256	-	-
5245	-	1.216	1.252	-	-

Antenna Configuration:	Beamforming	Mode:	LE
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	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	-	-

Antenna Configuration:	Beamforming	Mode:	LE
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	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)

Antenna Configuration:	Beamforming	Mode:	HDR
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	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	-	-

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

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

Antenna Configuration:	Beamforming	Mode:	HDR
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	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	-	-

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

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

26 dB Bandwidth (continued)

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

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

Antenna Configuration:	Beamforming	Mode:	HDR
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	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	-	-

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

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

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

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

26 dB Bandwidth (continued)

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

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

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

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

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

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

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

Antenna Configuration:	Beamforming	Mode:	LE
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	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	-	-

Antenna Configuration:	Beamforming	Mode:	LE
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	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)

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

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

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

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

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

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

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

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

26 dB Bandwidth (continued)

Antenna Configuration:	Beamforming	Mode:	HDR
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	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	5.445	-	-

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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5165	-	10.860	10.860	-	-
5203	-	10.860	10.800	-	-
5245	-	10.860	10.860	-	-

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

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

Antenna Configuration:	Beamforming	Mode:	HDT
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	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	2.808	-	-
5245	-	2.808	2.808	-	-

26 dB Bandwidth (continued)

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

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

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

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

4.3 Maximum Conducted Output Power

Test Summary:

Test Engineer:	Jerome Moyo	Test Dates:	30 April 2026 to 05 May 2026
Test Sample Serial Number:	QFJ737LTP7		

FCC Clause:	Part 15.407(a)(1)(iv)
Test Method Used:	ANSI C63.10 Section 12.4.3.2

Environmental Conditions:

Temperature (°C):	22 to 24
Relative Humidity (%):	33 to 42

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**

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	9.59	-	-	-	24.00	14.41	3.40
5203	-	9.89	-	-	-	24.00	14.11	3.40
5245	-	9.51	-	-	-	24.00	14.49	3.40

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	9.67	-	-	-	24.00	14.33	3.40
5203	-	9.72	-	-	-	24.00	14.28	3.40
5245	-	9.64	-	-	-	24.00	14.36	3.40

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	10.37	-	-	-	24.00	13.63	3.40
5203	-	10.66	-	-	-	24.00	13.34	3.40
5245	-	10.33	-	-	-	24.00	13.67	3.40

Maximum Conducted Output Power

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	11.96	-	-	-	24.00	12.04	3.40
5203	-	11.79	-	-	-	24.00	12.21	3.40
5245	-	11.99	-	-	-	24.00	12.01	3.40

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	12.90	-	-	-	24.00	11.10	3.40
5203	-	12.97	-	-	-	24.00	11.03	3.40
5245	-	12.86	-	-	-	24.00	11.14	3.40

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	11.82	-	-	-	24.00	12.18	3.40
5203	-	11.61	-	-	-	24.00	12.39	3.40
5245	-	11.73	-	-	-	24.00	12.27	3.40

Maximum Conducted Output Power

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5163	-	13.00	-	-	-	24.00	11.00	3.40
5203	-	12.81	-	-	-	24.00	11.19	3.40
5245	-	12.97	-	-	-	24.00	11.03	3.40

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5163	-	10.76	-	-	-	24.00	13.24	3.40
5203	-	10.86	-	-	-	24.00	13.14	3.40
5245	-	10.98	-	-	-	24.00	13.02	3.40

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5165	-	12.96	-	-	-	24.00	11.04	3.40
5203	-	12.77	-	-	-	24.00	11.23	3.40
5245	-	12.96	-	-	-	24.00	11.04	3.40

Maximum Conducted Output Power

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5165	-	11.00	-	-	-	24.00	13.00	3.40
5203	-	10.84	-	-	-	24.00	13.16	3.40
5245	-	10.96	-	-	-	24.00	13.04	3.40

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	12.01	-	-	-	24.00	11.99	3.40
5203	-	12.07	-	-	-	24.00	11.93	3.40
5245	-	12.23	-	-	-	24.00	11.77	3.40

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	11.78	-	-	-	24.00	12.22	3.40
5203	-	12.16	-	-	-	24.00	11.84	3.40
5245	-	11.77	-	-	-	24.00	12.23	3.40

Maximum Conducted Output Power

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	10.64	-	-	-	24.00	13.36	3.40
5203	-	10.98	-	-	-	24.00	13.02	3.40
5245	-	10.61	-	-	-	24.00	13.39	3.40

Results: SISO / ePA / Core 1

Antenna Configuration:	SISO	Mode:	BDR
Test Port:	3 (Core 1)	Rate/Modulation:	DH5 (GFSK)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	9.84	-	-	24.00	14.16	4.70
5203	-	-	9.74	-	-	24.00	14.26	4.70
5245	-	-	9.81	-	-	24.00	14.19	4.70

Antenna Configuration:	SISO	Mode:	LE
Test Port:	3 (Core 1)	Rate/Modulation:	LE 1M (GFSK)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	9.90	-	-	24.00	14.10	4.70
5203	-	-	9.82	-	-	24.00	14.18	4.70
5245	-	-	9.83	-	-	24.00	14.17	4.70

Maximum Conducted Output Power

Antenna Configuration:	SISO	Mode:	LE
Test Port:	3 (Core 1)	Rate/Modulation:	LE 2M (GFSK)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	10.59	-	-	24.00	13.41	4.70
5203	-	-	10.50	-	-	24.00	13.50	4.70
5245	-	-	10.56	-	-	24.00	13.44	4.70

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	11.76	-	-	24.00	12.24	4.70
5203	-	-	11.96	-	-	24.00	12.04	4.70
5245	-	-	11.76	-	-	24.00	12.24	4.70

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	12.94	-	-	24.00	11.06	4.70
5203	-	-	12.83	-	-	24.00	11.17	4.70
5245	-	-	12.96	-	-	24.00	11.04	4.70

Maximum Conducted Output Power

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	HDRPS2 (OQPSK)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	11.98	-	-	24.00	12.02	4.70
5203	-	-	11.95	-	-	24.00	12.05	4.70
5245	-	-	11.81	-	-	24.00	12.19	4.70

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	XHDRPM6 (OQPSK)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5163	-	-	12.71	-	-	24.00	11.29	4.70
5203	-	-	12.70	-	-	24.00	11.30	4.70
5245	-	-	12.73	-	-	24.00	11.27	4.70

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	XHDRPM16 (16QAM)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5163	-	-	10.67	-	-	24.00	13.33	4.70
5203	-	-	10.63	-	-	24.00	13.37	4.70
5245	-	-	10.97	-	-	24.00	13.03	4.70

Maximum Conducted Output Power

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	XHDRPL16 (OQPSK)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5165	-	-	12.94	-	-	24.00	11.06	4.70
5203	-	-	12.84	-	-	24.00	11.16	4.70
5245	-	-	12.96	-	-	24.00	11.04	4.70

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	HDRPL24 (16QAM)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5165	-	-	10.92	-	-	24.00	13.08	4.70
5203	-	-	10.88	-	-	24.00	13.12	4.70
5245	-	-	10.96	-	-	24.00	13.04	4.70

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	12.20	-	-	24.00	11.80	4.70
5203	-	-	12.15	-	-	24.00	11.85	4.70
5245	-	-	12.24	-	-	24.00	11.76	4.70

Maximum Conducted Output Power

Antenna Configuration:	SISO	Mode:	HDT
Test Port:	3 (Core 1)	Rate/Modulation:	HDT4 (8PSK)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	12.00	-	-	24.00	12.00	4.70
5203	-	-	12.21	-	-	24.00	11.79	4.70
5245	-	-	12.24	-	-	24.00	11.76	4.70

Antenna Configuration:	SISO	Mode:	HDT
Test Port:	3 (Core 1)	Rate/Modulation:	HDT8 (16QAM)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	10.85	-	-	24.00	13.15	4.70
5203	-	-	10.77	-	-	24.00	13.23	4.70
5245	-	-	10.83	-	-	24.00	13.17	4.70

Results: SISO / iPA / Core 0

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	6.99	-	-	-	24.00	17.01	3.40
5203	-	6.93	-	-	-	24.00	17.07	3.40
5245	-	6.76	-	-	-	24.00	17.24	3.40

Maximum Conducted Output Power

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	6.81	-	-	-	24.00	17.19	3.40
5203	-	6.82	-	-	-	24.00	17.18	3.40
5245	-	6.93	-	-	-	24.00	17.07	3.40

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	6.95	-	-	-	24.00	17.05	3.40
5203	-	6.89	-	-	-	24.00	17.11	3.40
5245	-	6.98	-	-	-	24.00	17.02	3.40

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	3.82	-	-	-	24.00	20.18	3.40
5203	-	3.81	-	-	-	24.00	20.19	3.40
5245	-	3.92	-	-	-	24.00	20.08	3.40

Maximum Conducted Output Power

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	3.91	-	-	-	24.00	20.09	3.40
5203	-	3.84	-	-	-	24.00	20.16	3.40
5245	-	3.95	-	-	-	24.00	20.05	3.40

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	3.94	-	-	-	24.00	20.06	3.40
5203	-	3.85	-	-	-	24.00	20.15	3.40
5245	-	3.95	-	-	-	24.00	20.05	3.40

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5163	-	3.92	-	-	-	24.00	20.08	3.40
5203	-	3.83	-	-	-	24.00	20.17	3.40
5245	-	3.93	-	-	-	24.00	20.07	3.40

Maximum Conducted Output Power

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5163	-	0.92	-	-	-	24.00	23.08	3.40
5203	-	0.82	-	-	-	24.00	23.18	3.40
5245	-	0.86	-	-	-	24.00	23.14	3.40

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5165	-	3.78	-	-	-	24.00	20.22	3.40
5203	-	3.72	-	-	-	24.00	20.28	3.40
5245	-	3.83	-	-	-	24.00	20.17	3.40

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5165	-	0.79	-	-	-	24.00	23.21	3.40
5203	-	0.71	-	-	-	24.00	23.29	3.40
5245	-	0.76	-	-	-	24.00	23.24	3.40

Maximum Conducted Output Power

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	3.86	-	-	-	24.00	20.14	3.40
5203	-	3.78	-	-	-	24.00	20.22	3.40
5245	-	3.88	-	-	-	24.00	20.12	3.40

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	3.88	-	-	-	24.00	20.12	3.40
5203	-	3.78	-	-	-	24.00	20.22	3.40
5245	-	3.87	-	-	-	24.00	20.13	3.40

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	0.83	-	-	-	24.00	23.17	3.40
5203	-	0.75	-	-	-	24.00	23.25	3.40
5245	-	0.75	-	-	-	24.00	23.25	3.40

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

Antenna Configuration:	SISO	Mode:	BDR
Test Port:	3 (Core 1)	Rate/Modulation:	DH5 (GFSK)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	6.81	-	-	24.00	17.19	4.70
5203	-	-	6.97	-	-	24.00	17.03	4.70
5245	-	-	6.92	-	-	24.00	17.08	4.70

Antenna Configuration:	SISO	Mode:	LE
Test Port:	3 (Core 1)	Rate/Modulation:	LE 1M (GFSK)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	6.79	-	-	24.00	17.21	4.70
5203	-	-	6.96	-	-	24.00	17.04	4.70
5245	-	-	6.89	-	-	24.00	17.11	4.70

Antenna Configuration:	SISO	Mode:	LE
Test Port:	3 (Core 1)	Rate/Modulation:	LE 2M (GFSK)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	6.78	-	-	24.00	17.22	4.70
5203	-	-	6.96	-	-	24.00	17.04	4.70
5245	-	-	6.91	-	-	24.00	17.09	4.70

Maximum Conducted Output Power

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	3.94	-	-	24.00	20.06	4.70
5203	-	-	3.90	-	-	24.00	20.10	4.70
5245	-	-	3.82	-	-	24.00	20.18	4.70

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	3.90	-	-	24.00	20.10	4.70
5203	-	-	3.86	-	-	24.00	20.14	4.70
5245	-	-	3.79	-	-	24.00	20.21	4.70

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	HDRPS2 (OQPSK)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	3.91	-	-	24.00	20.09	4.70
5203	-	-	3.87	-	-	24.00	20.13	4.70
5245	-	-	3.79	-	-	24.00	20.21	4.70

Maximum Conducted Output Power

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	XHDRPM6 (OQPSK)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5163	-	-	3.89	-	-	24.00	20.11	4.70
5203	-	-	3.84	-	-	24.00	20.16	4.70
5245	-	-	3.78	-	-	24.00	20.22	4.70

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	XHDRPM16 (16QAM)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5163	-	-	0.84	-	-	24.00	23.16	4.70
5203	-	-	0.75	-	-	24.00	23.25	4.70
5245	-	-	0.98	-	-	24.00	23.02	4.70

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	XHDRPL16 (OQPSK)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5165	-	-	3.78	-	-	24.00	20.22	4.70
5203	-	-	3.96	-	-	24.00	20.04	4.70
5245	-	-	3.94	-	-	24.00	20.06	4.70

Maximum Conducted Output Power

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	HDRPL24 (16QAM)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5165	-	-	0.72	-	-	24.00	23.28	4.70
5203	-	-	0.90	-	-	24.00	23.10	4.70
5245	-	-	0.85	-	-	24.00	23.15	4.70

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	3.84	-	-	24.00	20.16	4.70
5203	-	-	3.81	-	-	24.00	20.19	4.70
5245	-	-	3.71	-	-	24.00	20.29	4.70

Antenna Configuration:	SISO	Mode:	HDT
Test Port:	3 (Core 1)	Rate/Modulation:	HDT4 (8PSK)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	3.84	-	-	24.00	20.16	4.70
5203	-	-	3.81	-	-	24.00	20.19	4.70
5245	-	-	3.73	-	-	24.00	20.27	4.70

Maximum Conducted Output Power

Antenna Configuration:	SISO	Mode:	HDT
Test Port:	3 (Core 1)	Rate/Modulation:	HDT8 (16QAM)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	0.72	-	-	24.00	23.28	4.70
5203	-	-	0.92	-	-	24.00	23.08	4.70
5245	-	-	0.87	-	-	24.00	23.13	4.70

Results: Beamforming / ePA

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	5.40	5.63	-	8.53	22.92	14.39	7.08
5203	-	5.69	5.56	-	8.63	22.92	14.28	7.08
5245	-	5.34	5.64	-	8.50	22.92	14.41	7.08

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	5.46	5.69	-	8.58	22.92	14.33	7.08
5203	-	5.25	5.68	-	8.48	22.92	14.44	7.08
5245	-	5.31	5.54	-	8.44	22.92	14.48	7.08

Maximum Conducted Output Power

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	6.31	6.60	-	9.47	22.92	13.45	7.08
5203	-	6.65	6.51	-	9.59	22.92	13.33	7.08
5245	-	6.32	6.64	-	9.49	22.92	13.42	7.08

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	7.52	8.00	-	10.78	22.92	12.14	7.08
5203	-	7.99	7.87	-	10.94	22.92	11.97	7.08
5245	-	7.90	7.96	-	10.94	22.92	11.98	7.08

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	9.90	9.88	-	12.90	22.92	10.01	7.08
5203	-	9.74	9.85	-	12.81	22.92	10.11	7.08
5245	-	9.91	9.83	-	12.88	22.92	10.03	7.08

Maximum Conducted Output Power

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	7.64	7.77	-	10.72	22.92	12.20	7.08
5203	-	7.89	7.69	-	10.80	22.92	12.11	7.08
5245	-	7.51	7.66	-	10.59	22.92	12.32	7.08

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5163	-	10.47	10.19	-	13.34	22.92	9.57	7.08
5203	-	10.24	10.27	-	13.26	22.92	9.65	7.08
5245	-	10.45	10.16	-	13.32	22.92	9.60	7.08

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5163	-	10.49	10.20	-	13.35	22.92	9.56	7.08
5203	-	10.33	10.27	-	13.31	22.92	9.60	7.08
5245	-	10.45	10.15	-	13.31	22.92	9.60	7.08

Maximum Conducted Output Power

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5165	-	12.85	12.92	-	15.90	22.92	7.02	7.08
5203	-	12.80	12.99	-	15.91	22.92	7.01	7.08
5245	-	12.53	12.78	-	15.67	22.92	7.25	7.08

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5165	-	10.96	10.55	-	13.77	22.92	9.15	7.08
5203	-	10.99	10.97	-	13.99	22.92	8.92	7.08
5245	-	10.99	10.51	-	13.77	22.92	9.15	7.08

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	7.77	8.09	-	10.94	22.92	11.97	7.08
5203	-	7.79	8.01	-	10.91	22.92	12.01	7.08
5245	-	7.92	7.98	-	10.96	22.92	11.95	7.08

Maximum Conducted Output Power

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	8.14	8.15	-	11.15	22.92	11.76	7.08
5203	-	8.19	8.11	-	11.16	22.92	11.76	7.08
5245	-	8.10	8.11	-	11.11	22.92	11.80	7.08

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	7.54	7.96	-	10.77	22.92	12.15	7.08
5203	-	7.84	7.90	-	10.88	22.92	12.03	7.08
5245	-	8.00	7.97	-	10.99	22.92	11.92	7.08

Results: Beamforming / iPA

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	5.69	5.64	-	8.68	22.92	14.24	7.08
5203	-	5.60	5.60	-	8.61	22.92	14.30	7.08
5245	-	5.63	5.49	-	8.57	22.92	14.35	7.08

Maximum Conducted Output Power

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	5.67	5.64	-	8.66	22.92	14.25	7.08
5203	-	5.53	5.57	-	8.56	22.92	14.35	7.08
5245	-	5.58	5.73	-	8.67	22.92	14.25	7.08

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	6.63	6.70	-	9.68	22.92	13.24	7.08
5203	-	6.56	6.63	-	9.60	22.92	13.31	7.08
5245	-	6.64	6.56	-	9.61	22.92	13.31	7.08

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	3.87	3.84	-	6.87	22.92	16.05	7.08
5203	-	3.77	3.80	-	6.79	22.92	16.12	7.08
5245	-	3.86	4.00	-	6.94	22.92	15.98	7.08

Maximum Conducted Output Power

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	3.81	3.79	-	6.81	22.92	16.11	7.08
5203	-	3.72	3.99	-	6.87	22.92	16.05	7.08
5245	-	3.83	3.98	-	6.92	22.92	16.00	7.08

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	3.56	3.83	-	6.70	22.92	16.21	7.08
5203	-	3.74	3.54	-	6.65	22.92	16.26	7.08
5245	-	3.82	3.98	-	6.91	22.92	16.00	7.08

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5163	-	3.81	3.82	-	6.82	22.92	16.09	7.08
5203	-	3.72	4.00	-	6.87	22.92	16.05	7.08
5245	-	3.82	3.97	-	6.91	22.92	16.01	7.08

Maximum Conducted Output Power

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5163	-	0.82	0.76	-	3.80	22.92	19.11	7.08
5203	-	0.72	0.95	-	3.85	22.92	19.07	7.08
5245	-	0.76	0.92	-	3.85	22.92	19.07	7.08

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5165	-	3.95	3.71	-	6.84	22.92	16.07	7.08
5203	-	3.61	3.88	-	6.76	22.92	16.16	7.08
5245	-	3.70	3.86	-	6.79	22.92	16.13	7.08

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5165	-	0.95	0.65	-	3.81	22.92	19.10	7.08
5203	-	0.60	0.83	-	3.73	22.92	19.19	7.08
5245	-	0.66	0.78	-	3.73	22.92	19.18	7.08

Maximum Conducted Output Power

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	3.77	3.78	-	6.79	22.92	16.13	7.08
5203	-	3.67	3.96	-	6.82	22.92	16.09	7.08
5245	-	3.76	3.92	-	6.85	22.92	16.06	7.08

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	3.77	3.78	-	6.78	22.92	16.13	7.08
5203	-	3.67	3.96	-	6.83	22.92	16.09	7.08
5245	-	3.75	3.94	-	6.86	22.92	16.06	7.08

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

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	0.96	0.66	-	3.82	22.92	19.09	7.08
5203	-	0.63	0.85	-	3.75	22.92	19.16	7.08
5245	-	0.63	0.81	-	3.73	22.92	19.18	7.08

4.4 Maximum Power Spectral Density

Test Summary:

Test Engineer:	Jerome Moyo	Test Dates:	30 April 2026 to 05 May 2026
Test Sample Serial Number:	QFJ737LTP7		

FCC Clause:	Part 15.407(a)(1)(iv)
Test Method Used:	ANSI C63.10 Section 12.6. referencing Section 12.4.2.4

Environmental Conditions:

Temperature (°C):	22 to 24
Relative Humidity (%):	33 to 42

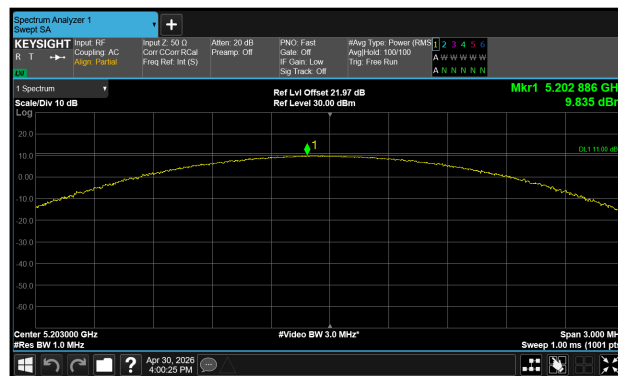
Note(s):

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**

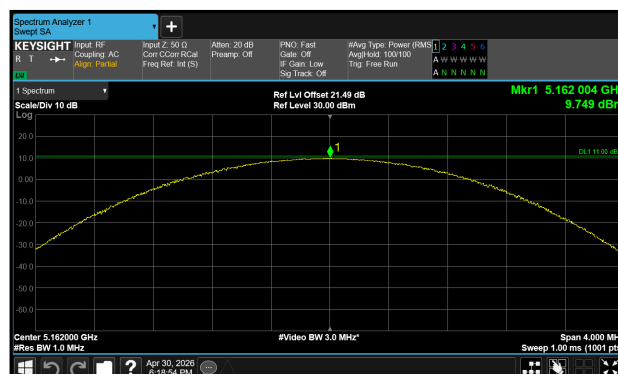
Antenna Configuration:	SISO	Mode:	BDR
Test Port:	2 (Core 0)	Rate/Modulation:	DH5 (GFSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	9.27	-	-	-	11.00	1.73	3.40
5203	-	9.84	-	-	-	11.00	1.16	3.40
5245	-	8.84	-	-	-	11.00	2.16	3.40



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

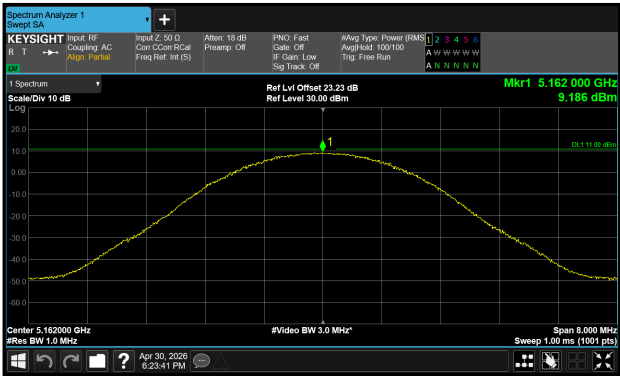
Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	9.75	-	-	-	11.00	1.25	3.40
5203	-	9.56	-	-	-	11.00	1.44	3.40
5245	-	9.45	-	-	-	11.00	1.55	3.40



Maximum PSD (continued)

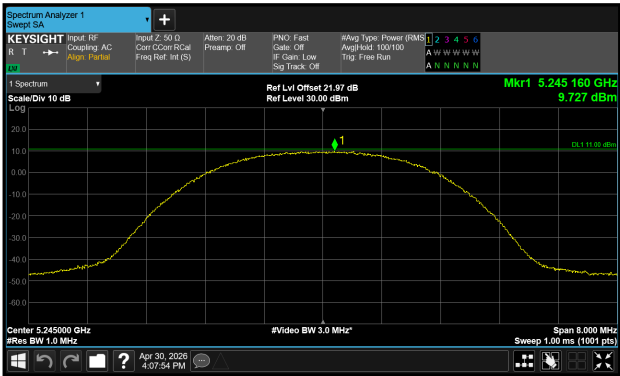
Antenna Configuration:	SISO	Mode:	LE
Test Port:	2 (Core 0)	Rate/Modulation:	LE 2M (GFSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	9.19	-	-	-	11.00	1.81	3.40
5203	-	9.03	-	-	-	11.00	1.97	3.40
5245	-	9.08	-	-	-	11.00	1.92	3.40



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

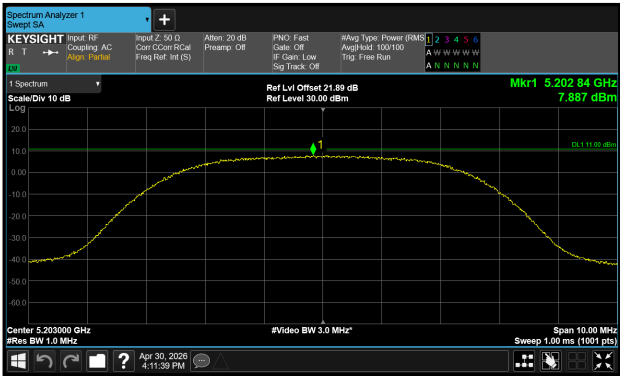
Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	9.72	-	-	-	11.00	1.28	3.40
5203	-	9.27	-	-	-	11.00	1.73	3.40
5245	-	9.73	-	-	-	11.00	1.27	3.40



Maximum PSD (continued)

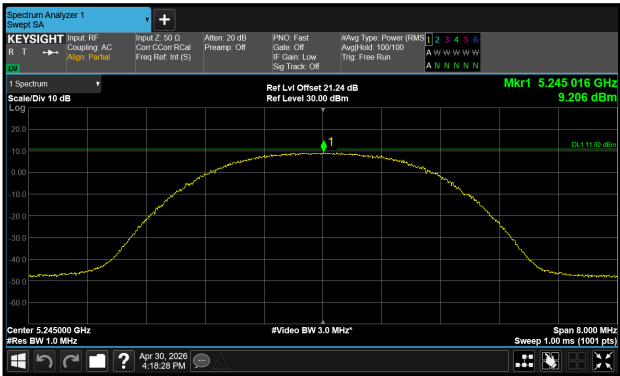
Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	8DH5 (π /4-DQPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	7.36	-	-	-	11.00	3.64	3.40
5203	-	7.89	-	-	-	11.00	3.11	3.40
5245	-	7.72	-	-	-	11.00	3.28	3.40



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

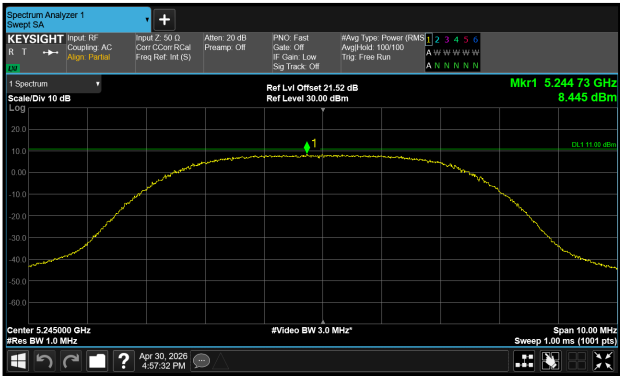
Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	9.14	-	-	-	11.00	1.86	3.40
5203	-	9.18	-	-	-	11.00	1.82	3.40
5245	-	9.21	-	-	-	11.00	1.79	3.40



Maximum PSD (continued)

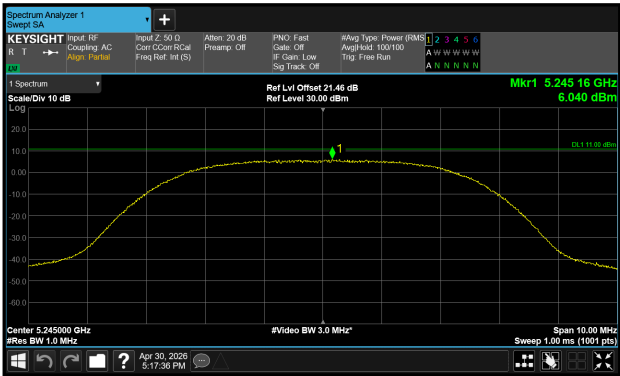
Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	XHDRPM6 (OQPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5163	-	7.30	-	-	-	11.00	3.70	3.40
5203	-	7.47	-	-	-	11.00	3.53	3.40
5245	-	8.45	-	-	-	11.00	2.55	3.40



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

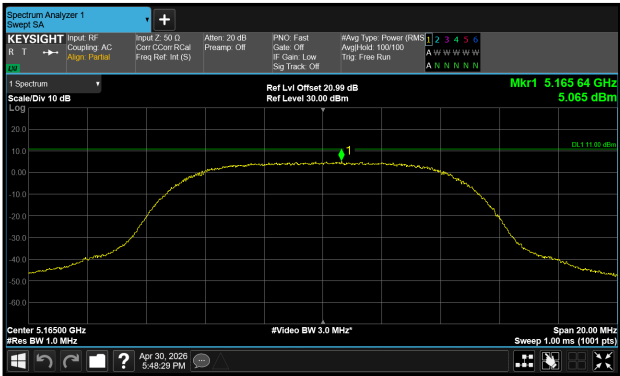
Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5163	-	5.32	-	-	-	11.00	5.68	3.40
5203	-	5.72	-	-	-	11.00	5.28	3.40
5245	-	6.04	-	-	-	11.00	4.96	3.40



Maximum PSD (continued)

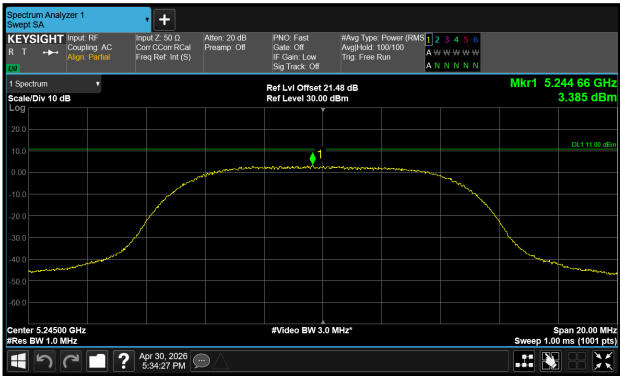
Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	XHDRPL16 (OQPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5165	-	5.07	-	-	-	11.00	5.93	3.40
5203	-	4.36	-	-	-	11.00	6.64	3.40
5245	-	4.84	-	-	-	11.00	6.16	3.40



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

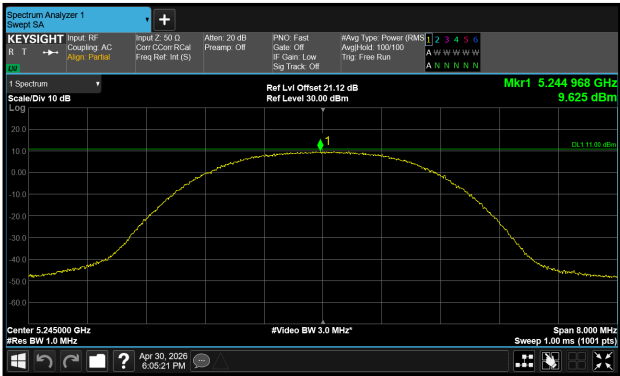
Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5165	-	2.85	-	-	-	11.00	8.15	3.40
5203	-	2.95	-	-	-	11.00	8.05	3.40
5245	-	3.38	-	-	-	11.00	7.62	3.40



Maximum PSD (continued)

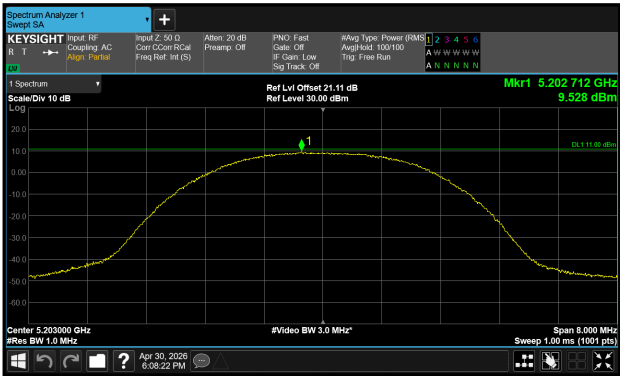
Antenna Configuration:	SISO	Mode:	HDT
Test Port:	2 (Core 0)	Rate/Modulation:	HDT3 (π /4-QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	9.61	-	-	-	11.00	1.39	3.40
5203	-	9.36	-	-	-	11.00	1.64	3.40
5245	-	9.62	-	-	-	11.00	1.38	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	-	9.00	-	-	-	11.00	2.00	3.40
5203	-	9.53	-	-	-	11.00	1.47	3.40
5245	-	9.34	-	-	-	11.00	1.66	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	-	7.90	-	-	-	11.00	3.10	3.40
5203	-	8.55	-	-	-	11.00	2.45	3.40
5245	-	8.50	-	-	-	11.00	2.50	3.40



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

Antenna Configuration:	SISO	Mode:	BDR
Test Port:	3 (Core 1)	Rate/Modulation:	DH5 (GFSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	9.88	-	-	11.00	1.12	4.70
5203	-	-	9.56	-	-	11.00	1.44	4.70
5245	-	-	9.59	-	-	11.00	1.41	4.70

Antenna Configuration:	SISO	Mode:	LE
Test Port:	3 (Core 1)	Rate/Modulation:	LE 1M (GFSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	9.43	-	-	11.00	1.57	4.70
5203	-	-	9.47	-	-	11.00	1.53	4.70
5245	-	-	9.63	-	-	11.00	1.37	4.70

Antenna Configuration:	SISO	Mode:	LE
Test Port:	3 (Core 1)	Rate/Modulation:	LE 2M (GFSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	8.49	-	-	11.00	2.51	4.70
5203	-	-	8.32	-	-	11.00	2.68	4.70
5245	-	-	9.09	-	-	11.00	1.91	4.70

Maximum PSD (continued)

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	8.73	-	-	11.00	2.27	4.70
5203	-	-	9.05	-	-	11.00	1.95	4.70
5245	-	-	9.85	-	-	11.00	1.15	4.70

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	7.85	-	-	11.00	3.15	4.70
5203	-	-	7.97	-	-	11.00	3.03	4.70
5245	-	-	8.77	-	-	11.00	2.23	4.70

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	HDRPS2 (OQPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	8.97	-	-	11.00	2.03	4.70
5203	-	-	9.03	-	-	11.00	1.97	4.70
5245	-	-	9.08	-	-	11.00	1.92	4.70

Maximum PSD (continued)

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	XHDRPM6 (OQPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5163	-	-	7.24	-	-	11.00	3.76	4.70
5203	-	-	7.71	-	-	11.00	3.29	4.70
5245	-	-	7.17	-	-	11.00	3.83	4.70

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	XHDRPM16 (16QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5163	-	-	5.17	-	-	11.00	5.83	4.70
5203	-	-	5.70	-	-	11.00	5.30	4.70
5245	-	-	5.87	-	-	11.00	5.13	4.70

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	XHDRPL16 (OQPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5165	-	-	4.54	-	-	11.00	6.46	4.70
5203	-	-	4.93	-	-	11.00	6.07	4.70
5245	-	-	5.07	-	-	11.00	5.93	4.70

Maximum PSD (continued)

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	HDRPL24 (16QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5165	-	-	2.83	-	-	11.00	8.17	4.70
5203	-	-	3.11	-	-	11.00	7.89	4.70
5245	-	-	3.44	-	-	11.00	7.56	4.70

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	9.15	-	-	11.00	1.85	4.70
5203	-	-	9.46	-	-	11.00	1.54	4.70
5245	-	-	9.73	-	-	11.00	1.27	4.70

Antenna Configuration:	SISO	Mode:	HDT
Test Port:	3 (Core 1)	Rate/Modulation:	HDT4 (8PSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	9.06	-	-	11.00	1.94	4.70
5203	-	-	9.17	-	-	11.00	1.83	4.70
5245	-	-	9.81	-	-	11.00	1.19	4.70

Maximum PSD (continued)

Antenna Configuration:	SISO	Mode:	HDT
Test Port:	3 (Core 1)	Rate/Modulation:	HDT8 (16QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	8.06	-	-	11.00	2.94	4.70
5203	-	-	7.97	-	-	11.00	3.03	4.70
5245	-	-	8.73	-	-	11.00	2.27	4.70

Results: SISO / iPA / 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	-	7.28	-	-	-	11.00	3.72	3.40
5203	-	6.98	-	-	-	11.00	4.02	3.40
5245	-	6.17	-	-	-	11.00	4.83	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	-	6.65	-	-	-	11.00	4.35	3.40
5203	-	6.76	-	-	-	11.00	4.24	3.40
5245	-	6.59	-	-	-	11.00	4.41	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	-	4.38	-	-	-	11.00	6.62	3.40
5203	-	5.13	-	-	-	11.00	5.87	3.40
5245	-	5.42	-	-	-	11.00	5.58	3.40

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	0.68	-	-	-	11.00	10.32	3.40
5203	-	0.84	-	-	-	11.00	10.16	3.40
5245	-	1.39	-	-	-	11.00	9.61	3.40

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	Σ			
5162	-	-1.59	-	-	-	11.00	12.59	3.40
5203	-	-0.98	-	-	-	11.00	11.98	3.40
5245	-	-1.03	-	-	-	11.00	12.03	3.40

Maximum PSD (continued)

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	Σ			
5162	-	0.44	-	-	-	11.00	10.56	3.40
5203	-	0.86	-	-	-	11.00	10.14	3.40
5245	-	1.02	-	-	-	11.00	9.98	3.40

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	-	-2.40	-	-	-	11.00	13.40	3.40
5203	-	-2.11	-	-	-	11.00	13.11	3.40
5245	-	-1.80	-	-	-	11.00	12.80	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	-	-4.67	-	-	-	11.00	15.67	3.40
5203	-	-4.77	-	-	-	11.00	15.77	3.40
5245	-	-4.72	-	-	-	11.00	15.72	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	-	-4.92	-	-	-	11.00	15.92	3.40
5203	-	-4.68	-	-	-	11.00	15.68	3.40
5245	-	-4.42	-	-	-	11.00	15.42	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	-	-7.87	-	-	-	11.00	18.87	3.40
5203	-	-7.97	-	-	-	11.00	18.97	3.40
5245	-	-7.06	-	-	-	11.00	18.06	3.40

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	0.76	-	-	-	11.00	10.24	3.40
5203	-	0.74	-	-	-	11.00	10.26	3.40
5245	-	1.00	-	-	-	11.00	10.00	3.40

Maximum PSD (continued)

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	-	0.71	-	-	-	11.00	10.29	3.40
5203	-	0.52	-	-	-	11.00	10.48	3.40
5245	-	0.90	-	-	-	11.00	10.10	3.40

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	-	-2.51	-	-	-	11.00	13.51	3.40
5203	-	-2.41	-	-	-	11.00	13.41	3.40
5245	-	-1.94	-	-	-	11.00	12.94	3.40

Results: SISO / iPA / Core 1

Antenna Configuration:	SISO	Mode:	BDR
Test Port:	3 (Core 1)	Rate/Modulation:	DH5 (GFSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	6.73	-	-	11.00	4.27	4.70
5203	-	-	6.70	-	-	11.00	4.30	4.70
5245	-	-	7.08	-	-	11.00	3.92	4.70

Maximum PSD (continued)

Antenna Configuration:	SISO	Mode:	LE
Test Port:	3 (Core 1)	Rate/Modulation:	LE 1M (GFSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	6.49	-	-	11.00	4.51	4.70
5203	-	-	6.42	-	-	11.00	4.58	4.70
5245	-	-	6.58	-	-	11.00	4.42	4.70

Antenna Configuration:	SISO	Mode:	LE
Test Port:	3 (Core 1)	Rate/Modulation:	LE 2M (GFSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	4.57	-	-	11.00	6.43	4.70
5203	-	-	4.31	-	-	11.00	6.69	4.70
5245	-	-	4.97	-	-	11.00	6.03	4.70

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	0.69	-	-	11.00	10.31	4.70
5203	-	-	1.00	-	-	11.00	10.00	4.70
5245	-	-	0.94	-	-	11.00	10.06	4.70

Maximum PSD (continued)

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	-1.75	-	-	11.00	12.75	4.70
5203	-	-	-1.59	-	-	11.00	12.59	4.70
5245	-	-	-1.60	-	-	11.00	12.60	4.70

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	HDRPS2 (OQPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	0.67	-	-	11.00	10.33	4.70
5203	-	-	0.62	-	-	11.00	10.38	4.70
5245	-	-	0.89	-	-	11.00	10.11	4.70

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	XHDRPM6 (OQPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5163	-	-	-2.24	-	-	11.00	13.24	4.70
5203	-	-	-2.05	-	-	11.00	13.05	4.70
5245	-	-	-1.39	-	-	11.00	12.39	4.70

Maximum PSD (continued)

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	XHDRPM16 (16QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5163	-	-	-4.67	-	-	11.00	15.67	4.70
5203	-	-	-5.10	-	-	11.00	16.10	4.70
5245	-	-	-4.63	-	-	11.00	15.63	4.70

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	XHDRPL16 (OQPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5165	-	-	-5.00	-	-	11.00	16.00	4.70
5203	-	-	-4.49	-	-	11.00	15.49	4.70
5245	-	-	-4.38	-	-	11.00	15.38	4.70

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	HDRPL24 (16QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5165	-	-	-7.55	-	-	11.00	18.55	4.70
5203	-	-	-7.02	-	-	11.00	18.02	4.70
5245	-	-	-7.41	-	-	11.00	18.41	4.70

Maximum PSD (continued)

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	0.44	-	-	11.00	10.56	4.70
5203	-	-	0.54	-	-	11.00	10.46	4.70
5245	-	-	0.73	-	-	11.00	10.27	4.70

Antenna Configuration:	SISO	Mode:	HDT
Test Port:	3 (Core 1)	Rate/Modulation:	HDT4 (8PSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	0.57	-	-	11.00	10.43	4.70
5203	-	-	0.58	-	-	11.00	10.42	4.70
5245	-	-	0.75	-	-	11.00	10.25	4.70

Antenna Configuration:	SISO	Mode:	HDT
Test Port:	3 (Core 1)	Rate/Modulation:	HDT8 (16QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-	-2.42	-	-	11.00	13.42	4.70
5203	-	-	-2.12	-	-	11.00	13.12	4.70
5245	-	-	-2.15	-	-	11.00	13.15	4.70

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

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	5.05	5.39	-	8.23	9.92	1.68	7.08
5203	-	5.48	5.53	-	8.52	9.92	1.40	7.08
5245	-	4.70	5.13	-	7.93	9.92	1.98	7.08

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	5.27	5.41	-	8.35	9.92	1.57	7.08
5203	-	4.82	5.21	-	8.03	9.92	1.89	7.08
5245	-	5.02	5.20	-	8.13	9.92	1.79	7.08

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	4.01	4.37	-	7.20	9.92	2.71	7.08
5203	-	5.00	4.65	-	7.84	9.92	2.08	7.08
5245	-	4.29	4.17	-	7.24	9.92	2.67	7.08

Maximum PSD (continued)

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	5.02	5.36	-	8.20	9.92	1.71	7.08
5203	-	5.66	5.32	-	8.50	9.92	1.41	7.08
5245	-	5.44	5.76	-	8.62	9.92	1.30	7.08

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	5.12	5.06	-	8.10	9.92	1.81	7.08
5203	-	5.37	4.96	-	8.18	9.92	1.73	7.08
5245	-	5.02	5.23	-	8.14	9.92	1.78	7.08

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	5.04	4.74	-	7.90	9.92	2.02	7.08
5203	-	5.45	4.96	-	8.23	9.92	1.69	7.08
5245	-	5.01	5.28	-	8.16	9.92	1.76	7.08

Maximum PSD (continued)

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	4.91	4.64	-	7.79	9.92	2.13	7.08
5203	-	5.13	4.57	-	7.87	9.92	2.05	7.08
5245	-	4.97	4.86	-	7.93	9.92	1.99	7.08

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	5.14	4.97	-	8.06	9.92	1.85	7.08
5203	-	5.28	5.12	-	8.21	9.92	1.71	7.08
5245	-	5.33	5.40	-	8.38	9.92	1.54	7.08

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	4.40	4.62	-	7.52	9.92	2.40	7.08
5203	-	4.58	4.53	-	7.57	9.92	2.35	7.08
5245	-	4.88	5.08	-	7.99	9.92	1.92	7.08

Maximum PSD (continued)

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	2.59	2.58	-	5.60	9.92	4.32	7.08
5203	-	3.30	3.17	-	6.24	9.92	3.67	7.08
5245	-	3.33	3.01	-	6.19	9.92	3.73	7.08

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	5.02	5.19	-	8.12	9.92	1.80	7.08
5203	-	4.85	5.08	-	7.97	9.92	1.94	7.08
5245	-	5.61	5.62	-	8.62	9.92	1.29	7.08

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	5.45	5.28	-	8.37	9.92	1.54	7.08
5203	-	5.54	5.31	-	8.44	9.92	1.48	7.08
5245	-	5.60	5.52	-	8.57	9.92	1.35	7.08

Maximum PSD (continued)

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	4.93	5.31	-	8.13	9.92	1.78	7.08
5203	-	5.39	5.55	-	8.48	9.92	1.43	7.08
5245	-	5.89	5.94	-	8.93	9.92	0.99	7.08

Results: Beamforming / iPA

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	5.66	5.39	-	8.53	9.92	1.38	7.08
5203	-	5.51	5.25	-	8.39	9.92	1.52	7.08
5245	-	5.39	5.35	-	8.38	9.92	1.54	7.08

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	5.49	5.23	-	8.37	9.92	1.54	7.08
5203	-	5.22	5.24	-	8.24	9.92	1.68	7.08
5245	-	5.45	5.35	-	8.41	9.92	1.51	7.08

Maximum PSD (continued)

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	4.13	5.21	-	7.72	9.92	2.20	7.08
5203	-	3.23	5.11	-	7.28	9.92	2.63	7.08
5245	-	4.92	4.61	-	7.78	9.92	2.14	7.08

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	0.66	0.41	-	3.55	9.92	6.37	7.08
5203	-	0.60	0.66	-	3.64	9.92	6.27	7.08
5245	-	0.67	1.11	-	3.91	9.92	6.01	7.08

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-2.04	-1.68	-	1.16	9.92	8.76	7.08
5203	-	-1.61	-1.72	-	1.34	9.92	8.57	7.08
5245	-	-1.40	-1.55	-	1.54	9.92	8.38	7.08

Maximum PSD (continued)

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	0.54	0.59	-	3.58	9.92	6.34	7.08
5203	-	0.55	0.16	-	3.37	9.92	6.54	7.08
5245	-	0.98	1.08	-	4.04	9.92	5.88	7.08

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-1.63	-2.00	-	1.20	9.92	8.72	7.08
5203	-	-2.06	-1.57	-	1.20	9.92	8.71	7.08
5245	-	-1.48	-2.11	-	1.23	9.92	8.69	7.08

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-5.01	-4.87	-	-1.93	9.92	11.84	7.08
5203	-	-5.26	-4.79	-	-2.01	9.92	11.92	7.08
5245	-	-4.62	-4.39	-	-1.50	9.92	11.41	7.08

Maximum PSD (continued)

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-4.54	-4.80	-	-1.65	9.92	11.57	7.08
5203	-	-5.01	-5.01	-	-2.00	9.92	11.91	7.08
5245	-	-4.56	-4.73	-	-1.63	9.92	11.55	7.08

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-7.62	-7.53	-	-4.57	9.92	14.48	7.08
5203	-	-8.02	-7.46	-	-4.72	9.92	14.64	7.08
5245	-	-7.37	-7.28	-	-4.31	9.92	14.23	7.08

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	0.48	0.51	-	3.51	9.92	6.41	7.08
5203	-	0.50	0.79	-	3.66	9.92	6.26	7.08
5245	-	0.83	1.06	-	3.96	9.92	5.96	7.08

Maximum PSD (continued)

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	0.41	0.57	-	3.50	9.92	6.42	7.08
5203	-	0.53	0.83	-	3.70	9.92	6.22	7.08
5245	-	1.00	0.96	-	3.99	9.92	5.92	7.08

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

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5162	-	-2.21	-2.50	-	0.66	9.92	9.26	7.08
5203	-	-2.14	-2.40	-	0.74	9.92	9.18	7.08
5245	-	-1.96	-2.11	-	0.98	9.92	8.94	7.08

5 Radiated Test Results

5.1 Duty Cycle

Test Summary:

Test Engineers:	Robert English, Max Passell & Andrew Edwards	Test Dates:	12 February 2026 to 15 February 2026
Test Sample Serial Number:	LWNHJ73FMF		

FCC Clause:	Part 15.35(c)
Test Method Used:	ANSI C63.10 Section 12.2.b)2)

Environmental Conditions:

Temperature (°C):	19 to 20
Relative Humidity (%):	45 to 47

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 is identical for both SISO and Beamforming modes, ePA and iPA.
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:**

Mode	Width (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)
BDR	2.872	3.751	76.57	1.16
LE1M	2.125	2.506	84.80	0.72
LE2M	1.066	1.874	56.85	2.45
4DH5	2.928	3.760	77.88	1.09
8DH5	2.933	3.755	78.10	1.07
HDRPS2	16.184	17.542	92.26	0.35
HDRPM12	2.336	2.509	93.11	0.31
XHDRPM8	8.074	8.756	92.21	0.35
HDRPL8	3.563	3.755	94.87	0.23
HDRPL24	1.094	1.250	87.54	0.58
XHDRPL24	2.083	2.502	83.25	0.80
HDT3	1.446	1.528	94.63	0.24
HDT4	1.106	1.184	93.41	0.30
HDT6	0.761	0.837	90.93	0.41

Example Plot / Worst Case Mode

Antenna Configuration:	Beamforming	Mode:	LE2M
Test Port:	Core 0+ Core 1	Rate/Modulation:	LE2M (GFSK)



5.2 Out of Band Radiated Emissions <1 GHz

Test Summary:

Test Engineers:	Robert English, Max Passell & Andrew Edwards	Test Dates:	23 February 2026 24 February 2026
Test Sample Serial Number:	LWNHJ73FMF		

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

Environmental Conditions:

Temperature (°C):	20 to 23
Relative Humidity (%):	35 to 46

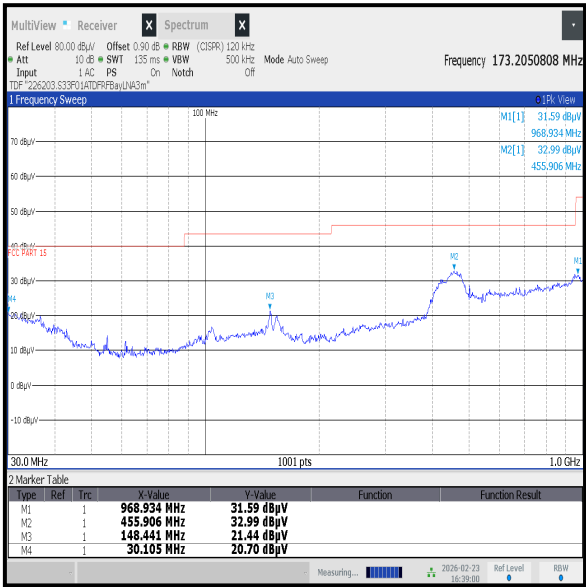
Note(s):

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: Peak / Middle Channel / BDR / Beamforming / ePA

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Antenna Polarity
447.346	35.21	46.00	10.79	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:

Test Engineers:	Robert English, Max Passell & Andrew Edwards	Test Dates:	18 February 2026 to 24 February 2026
Test Sample Serial Number:	LWNHJ73FMF		

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

Environmental Conditions:

Temperature (°C):	19 to 22
Relative Humidity (%):	38 to 42

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)

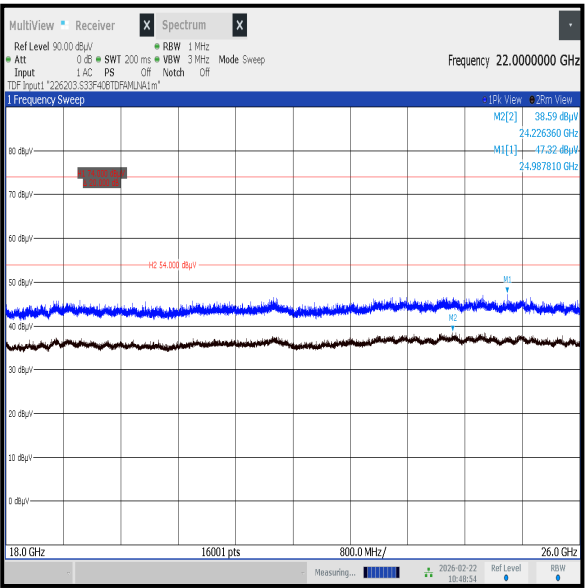
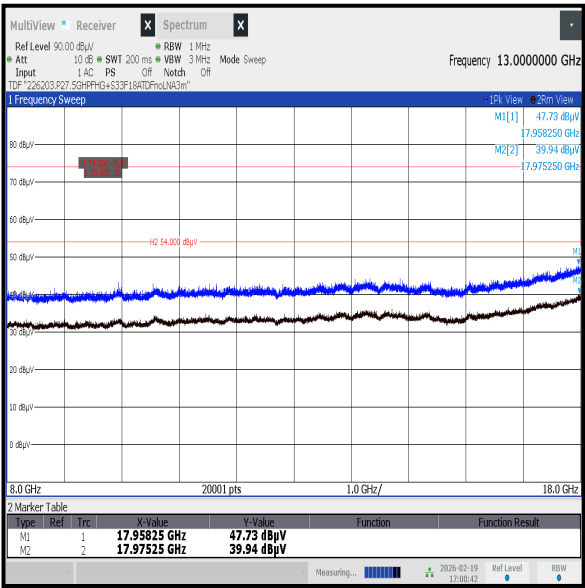
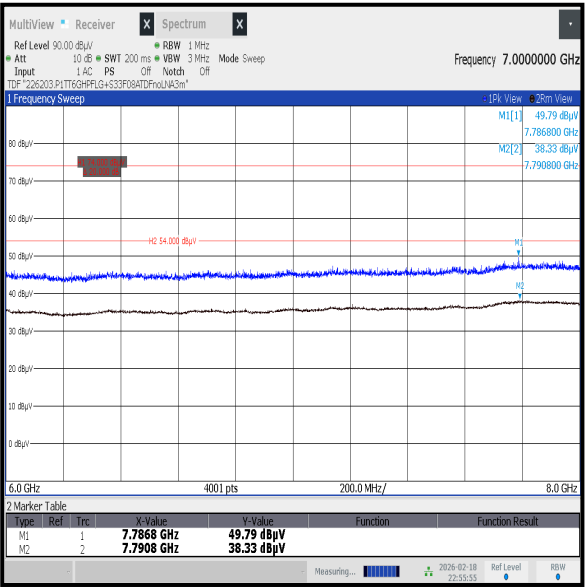
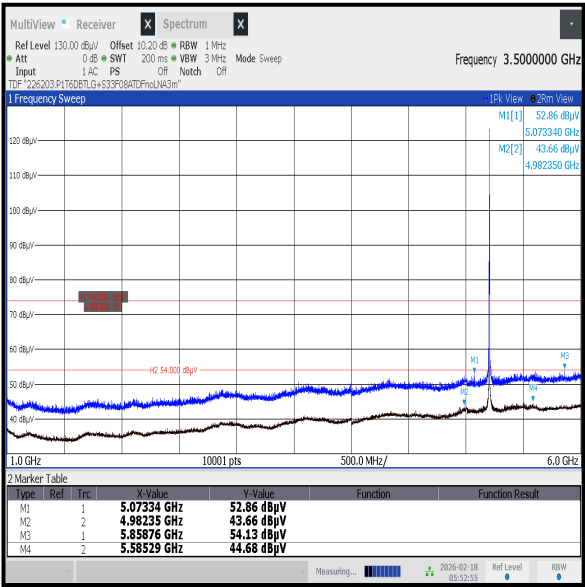
Results: BDR / Beamforming / ePA

Results: Peak / Middle Channel / Field Strength

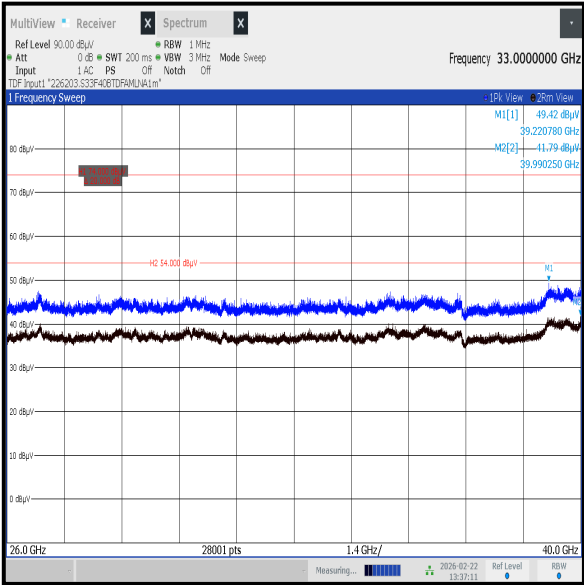
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Antenna Polarity
5858.760	54.13	74.00	19.87	Horizontal

Results: Average / Middle Channel / Field Strength

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Antenna Polarity
5585.290	44.68	54.00	9.32	Horizontal



Out of Band Radiated Emissions (continued)



5.4 Band Edge Radiated Emissions

Test Summary:

Test Engineers:	Robert English, Max Passell & Andrew Edwards	Test Dates:	12 February 2026 to 16 February 2026
Test Sample Serial Number:	LWNHJ73FMF		

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

Environmental Conditions:

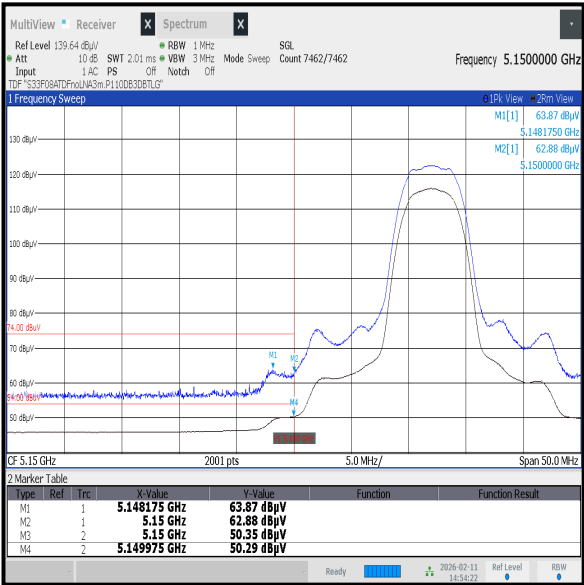
Temperature (°C):	19 to 22
Relative Humidity (%):	43 to 49

Note(s):

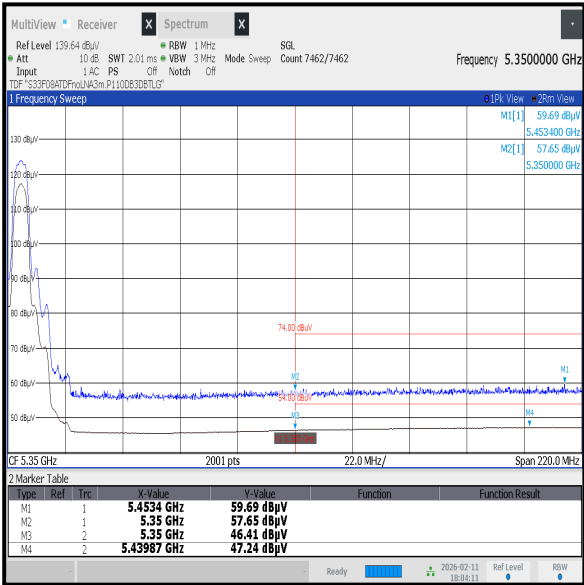
1. The final measured value, for the given emission, in the table below incorporates the calibrated antenna factor and cable loss.
2. For all average measurements in this section, 7462 sweeps were used. This satisfies the requirement for the minimum number of sweeps, as stated in ANSI C63.10 Section 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 / 8DH5 / Beamforming / Core 0 + 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 μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5146.850	58.49	74.00	15.51	Horizontal
5388.060	59.06	74.00	14.94	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	46.24	1.16	47.40	54.00	6.60	Horizontal
5439.650	46.97	1.16	48.13	54.00	5.87	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5148.325	59.23	74.00	14.77	Horizontal
5399.940	59.90	74.00	14.10	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	46.23	0.72	46.95	54.00	7.05	Horizontal
5441.630	46.99	0.72	47.71	54.00	6.29	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5146.500	58.52	74.00	15.48	Horizontal
5452.960	59.29	74.00	14.71	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.975	45.92	2.45	48.37	54.00	5.63	Horizontal
5447.900	46.94	2.45	49.39	54.00	4.61	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5138.075	58.39	74.00	15.61	Horizontal
5453.620	59.43	74.00	14.57	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.750	46.13	1.09	47.22	54.00	6.78	Horizontal
5453.620	46.96	1.09	48.05	54.00	5.95	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5147.950	62.86	74.00	11.14	Horizontal
5384.320	59.42	74.00	14.58	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	49.83	1.07	50.90	54.00	3.10	Horizontal
5454.170	46.96	1.07	48.03	54.00	5.97	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.550	58.73	74.00	15.27	Horizontal
5399.390	59.49	74.00	14.51	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	46.36	0.35	46.71	54.00	7.29	Horizontal
5452.740	47.01	0.35	47.36	54.00	6.64	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5147.475	64.67	74.00	9.33	Horizontal
5446.030	58.85	74.00	15.15	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.975	49.59	0.31	49.90	54.00	4.10	Horizontal
5451.970	46.98	0.31	47.29	54.00	6.71	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.875	62.07	74.00	11.93	Horizontal
5417.980	59.95	74.00	14.05	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.950	49.88	0.35	50.23	54.00	3.77	Horizontal
5452.300	47.00	0.35	47.35	54.00	6.65	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	61.01	74.00	12.99	Horizontal
5432.830	59.06	74.00	14.94	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	50.21	0.23	50.44	54.00	3.56	Horizontal
5449.880	46.98	0.23	47.21	54.00	6.79	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.825	63.50	74.00	10.50	Horizontal
5448.450	59.18	74.00	14.82	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.975	50.10	0.58	50.68	54.00	3.32	Horizontal
5452.410	46.95	0.58	47.53	54.00	6.47	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	60.97	74.00	13.03	Horizontal
5440.970	59.57	74.00	14.43	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	50.24	0.80	51.04	54.00	2.96	Horizontal
5441.740	46.96	0.80	47.76	54.00	6.24	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.075	58.57	74.00	15.43	Horizontal
5421.117	59.87	74.00	14.13	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.900	46.36	0.24	46.60	54.00	7.40	Horizontal
5441.960	46.99	0.24	47.23	54.00	6.77	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5142.925	58.18	74.00	15.82	Horizontal
5410.017	59.59	74.00	14.41	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	46.40	0.30	46.70	54.00	7.30	Horizontal
5439.100	47.01	0.30	47.31	54.00	6.69	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.900	65.66	74.00	8.34	Horizontal
5448.340	59.30	74.00	14.70	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	47.50	0.41	47.91	54.00	6.09	Horizontal
5457.250	46.98	0.41	47.39	54.00	6.61	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.500	59.45	74.00	14.55	Horizontal
5441.520	59.36	74.00	14.64	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	46.01	1.16	47.17	54.00	6.83	Horizontal
5443.060	47.04	1.16	48.20	54.00	5.80	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.150	58.63	74.00	15.37	Horizontal
5394.880	59.00	74.00	15.00	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	46.13	0.72	46.85	54.00	7.15	Horizontal
5438.990	47.08	0.72	47.80	54.00	6.20	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5144.450	58.36	74.00	15.64	Horizontal
5416.660	59.64	74.00	14.36	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.850	45.88	2.45	48.33	54.00	5.67	Horizontal
5449.770	47.03	2.45	49.48	54.00	4.52	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.025	58.21	74.00	15.79	Horizontal
5357.370	59.31	74.00	14.69	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.950	46.26	1.09	47.35	54.00	6.65	Horizontal
5450.650	47.04	1.09	48.13	54.00	5.87	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5148.900	63.63	74.00	10.37	Horizontal
5425.790	60.14	74.00	13.86	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	50.36	1.07	51.43	54.00	2.57	Horizontal
5450.430	47.07	1.07	48.14	54.00	5.86	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5140.900	58.27	74.00	15.73	Horizontal
5449.110	59.14	74.00	14.86	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.975	46.15	0.35	46.50	54.00	7.50	Horizontal
5444.490	47.11	0.35	47.46	54.00	6.54	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	66.17	74.00	7.83	Horizontal
5442.620	59.21	74.00	14.79	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	50.77	0.31	51.08	54.00	2.92	Horizontal
5451.310	47.05	0.31	47.36	54.00	6.64	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.775	63.22	74.00	10.78	Horizontal
5436.350	60.26	74.00	13.74	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.975	50.79	0.35	51.14	54.00	2.86	Horizontal
5443.170	47.09	0.35	47.44	54.00	6.56	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.975	61.17	74.00	12.83	Horizontal
5438.990	59.42	74.00	14.58	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	49.89	0.23	50.12	54.00	3.88	Horizontal
5455.820	47.10	0.23	47.33	54.00	6.67	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.725	63.41	74.00	10.59	Horizontal
5445.810	58.98	74.00	15.02	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.950	49.86	0.58	50.44	54.00	3.56	Horizontal
5445.810	47.05	0.58	47.63	54.00	6.37	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.975	61.94	74.00	12.06	Horizontal
5411.380	59.15	74.00	14.85	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	49.84	0.80	50.64	54.00	3.36	Horizontal
5453.510	47.08	0.80	47.88	54.00	6.12	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5144.250	58.22	74.00	15.78	Horizontal
5457.800	59.05	74.00	14.95	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	46.29	0.24	46.53	54.00	7.47	Horizontal
5444.270	47.07	0.24	47.31	54.00	6.69	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5146.975	58.36	74.00	15.64	Horizontal
5437.670	59.46	74.00	14.54	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	46.31	0.30	46.61	54.00	7.39	Horizontal
5450.100	47.06	0.30	47.36	54.00	6.64	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	63.45	74.00	10.55	Horizontal
5396.090	59.77	74.00	14.23	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	47.12	0.41	47.53	54.00	6.47	Horizontal
5451.090	47.04	0.41	47.45	54.00	6.55	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5139.350	57.62	74.00	16.38	Horizontal
5405.00	59.27	74.00	14.73	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5128.275	45.07	1.16	46.23	54.00	7.77	Horizontal
5449.550	46.81	1.16	47.97	54.00	6.03	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5128.275	57.12	74.00	16.88	Horizontal
5451.090	58.71	74.00	15.29	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5128.850	45.09	0.72	45.81	54.00	8.19	Horizontal
5450.320	46.82	0.72	47.54	54.00	6.46	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5139.125	57.60	74.00	16.40	Horizontal
5453.950	58.65	74.00	15.35	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5125.600	45.08	2.45	47.53	54.00	6.47	Horizontal
5458.570	46.77	2.45	49.22	54.00	4.78	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5139.100	58.51	74.00	15.49	Horizontal
5454.280	59.13	74.00	14.87	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5127.775	45.06	1.09	46.15	54.00	7.85	Horizontal
5456.040	46.80	1.09	47.89	54.00	6.11	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5148.100	62.04	74.00	11.96	Horizontal
5421.390	59.22	74.00	14.78	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5148.325	46.89	1.07	47.96	54.00	6.04	Horizontal
5440.310	46.78	1.07	47.85	54.00	6.15	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5126.725	57.27	74.00	16.73	Horizontal
5436.130	58.81	74.00	15.19	Horizontal

Results: Lower Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5130.175	45.06	0.35	45.41	54.00	8.59	Horizontal
5452.630	46.79	0.35	47.14	54.00	6.86	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5133.700	57.55	74.00	16.45	Horizontal
5456.260	59.06	74.00	14.94	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.625	45.08	0.31	45.39	54.00	8.61	Horizontal
5453.400	46.78	0.31	47.09	54.00	6.91	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.775	57.79	74.00	16.21	Horizontal
5394.000	58.86	74.00	15.14	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	46.27	0.35	46.62	54.00	7.38	Horizontal
5457.360	46.79	0.35	47.14	54.00	6.86	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.950	61.73	74.00	12.27	Horizontal
5437.120	59.35	74.00	14.65	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.975	50.55	0.23	50.78	54.00	3.22	Horizontal
5448.560	46.79	0.23	47.02	54.00	6.98	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5146.925	58.85	74.00	15.15	Horizontal
5451.970	58.61	74.00	15.39	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.825	45.57	0.58	46.15	54.00	7.85	Horizontal
5442.290	46.79	0.58	47.37	54.00	6.63	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.875	61.58	74.00	12.42	Horizontal
5454.500	58.76	74.00	15.24	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	50.01	0.80	50.81	54.00	3.19	Horizontal
5451.860	46.83	0.80	47.63	54.00	6.37	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.375	63.74	74.00	10.26	Horizontal
5402.250	59.17	74.00	14.83	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	50.52	0.24	50.76	54.00	3.24	Horizontal
5459.230	46.76	0.24	47.00	54.00	7.00	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	66.16	74.00	7.84	Horizontal
5454.170	59.36	74.00	14.64	Horizontal

Results: Lower Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	50.85	0.30	51.15	54.00	2.85	Horizontal
5450.430	46.80	0.30	47.10	54.00	6.90	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.925	66.94	74.00	7.06	Horizontal
5411.160	59.33	74.00	14.67	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	50.64	0.41	51.05	54.00	2.95	Horizontal
5455.160	46.81	0.41	47.22	54.00	6.78	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5127.900	57.83	74.00	16.17	Horizontal
5419.740	59.17	74.00	14.83	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5128.300	45.13	1.16	46.29	54.00	7.71	Horizontal
5448.230	46.89	1.16	48.05	54.00	5.95	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5127.550	57.33	74.00	16.67	Horizontal
5381.020	59.42	74.00	14.58	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5125.300	45.18	0.72	45.90	54.00	8.10	Horizontal
5451.970	46.88	0.72	47.60	54.00	6.40	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5145.600	57.73	74.00	16.27	Horizontal
5417.32	59.58	74.00	14.42	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5128.000	45.15	2.45	47.60	54.00	6.40	Horizontal
5445.700	46.89	2.45	49.34	54.00	4.66	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5133.675	57.26	74.00	16.74	Horizontal
5451.530	59.29	74.00	14.71	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	45.14	1.09	46.23	54.00	7.77	Horizontal
5450.100	46.87	1.09	47.96	54.00	6.04	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5148.000	60.75	74.00	13.25	Horizontal
5443.170	59.97	74.00	14.03	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5148.400	46.73	1.07	47.80	54.00	6.20	Horizontal
5443.170	46.85	1.07	47.92	54.00	6.08	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5141.500	58.06	74.00	15.94	Horizontal
5420.400	58.82	74.00	15.18	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5130.500	45.13	0.35	45.48	54.00	8.52	Horizontal
5449.990	46.85	0.35	47.20	54.00	6.80	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5129.300	57.21	74.00	16.79	Horizontal
5376.180	59.23	74.00	14.77	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.925	45.17	0.31	45.48	54.00	8.52	Horizontal
5411.190	46.88	0.31	47.19	54.00	6.81	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.300	58.01	74.00	15.99	Horizontal
5451.420	58.77	74.00	15.23	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	45.92	0.35	46.27	54.00	7.73	Horizontal
5449.000	46.88	0.35	47.23	54.00	6.77	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.850	61.27	74.00	12.73	Horizontal
5431.180	59.02	74.00	14.98	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	50.30	0.23	50.53	54.00	3.47	Horizontal
5451.970	46.91	0.23	47.14	54.00	6.86	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5147.300	61.49	74.00	12.51	Horizontal
5422.050	60.20	74.00	13.80	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.975	47.16	0.58	47.74	54.00	6.26	Horizontal
5450.870	46.87	0.58	47.45	54.00	6.55	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.950	60.84	74.00	13.16	Horizontal
5425.790	59.73	74.00	14.27	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	49.95	0.80	50.75	54.00	3.25	Horizontal
5443.390	46.88	0.80	47.68	54.00	6.32	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.925	63.88	74.00	10.12	Horizontal
5437.890	59.08	74.00	14.92	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	50.23	0.24	50.47	54.00	3.53	Horizontal
5447.680	46.90	0.24	47.14	54.00	6.86	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.975	65.20	74.00	8.80	Horizontal
5369.690	59.38	74.00	14.62	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	50.88	0.30	51.18	54.00	2.82	Horizontal
5451.420	46.86	0.30	47.16	54.00	6.84	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.925	66.78	74.0	7.22	Horizontal
5427.440	58.92	74.0	15.08	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	50.50	0.41	50.91	54.00	3.09	Horizontal
5445.810	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 μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5125.500	59.23	74.00	14.77	Horizontal
5421.610	59.21	74.00	14.79	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.95	46.84	1.16	48.00	54.00	6.00	Horizontal
5457.910	47.27	1.16	48.43	54.00	5.57	Horizontal

Results: LE 1M / Beamforming / Core 0 + Core 1 / ePA**Results: Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5139.775	58.61	74.00	15.39	Horizontal
5453.290	59.42	74.00	14.58	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	46.83	0.72	47.55	54.00	6.45	Horizontal
5445.480	47.26	0.72	47.98	54.00	6.02	Horizontal

Results: LE 2M / Beamforming / Core 0 + Core 1 / ePA**Results: Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5148.575	59.35	74.00	14.65	Horizontal
5445.040	59.47	74.00	14.53	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	46.47	2.45	48.92	54.00	5.08	Horizontal
5443.610	47.25	2.45	49.70	54.00	4.30	Horizontal

Band Edge Radiated Emissions (continued)**Results: 4DH5 / Beamforming / Core 0 + Core 1 / ePA****Results: Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5148.925	58.84	74.00	15.16	Horizontal
5429.750	59.55	74.00	14.45	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.875	46.78	1.09	47.87	54.00	6.13	Horizontal
5447.900	47.25	1.09	48.34	54.00	5.66	Horizontal

Results: 8DH5 / Beamforming / Core 0 + Core 1 / ePA**Results: Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5148.175	63.87	74.00	10.13	Horizontal
5453.400	59.69	74.00	14.31	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	50.35	1.07	51.42	54.00	2.58	Horizontal
5439.870	47.24	1.07	48.31	54.00	5.69	Horizontal

Results: HDRPS2 / Beamforming / Core 0 + Core 1 / ePA**Results: Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5148.250	58.62	74.00	15.38	Horizontal
5428.870	59.33	74.00	14.67	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5148.250	48.62	0.35	48.97	54.00	5.03	Horizontal
5449.880	47.00	0.35	47.35	54.00	6.65	Horizontal

Band Edge Radiated Emissions (continued)**Results: HDRPM12 / Beamforming / Core 0 + Core 1 / ePA****Results: Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	66.06	74.00	7.94	Horizontal
5428.540	59.06	74.00	14.94	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.975	50.35	0.31	50.66	54.00	3.34	Horizontal
5453.290	46.98	0.31	47.29	54.00	6.71	Horizontal

Results: XHDRPM8 / Beamforming / Core 0 + Core 1 / ePA**Results: Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.925	64.63	74.00	9.37	Horizontal
5410.940	59.14	74.00	14.86	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.950	50.89	0.35	51.24	54.00	2.76	Horizontal
5451.090	47.00	0.35	47.35	54.00	6.65	Horizontal

Results: HDRPL8 / Beamforming / Core 0 + Core 1 / ePA**Results: Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.775	61.21	74.00	12.79	Horizontal
5392.790	59.78	74.00	14.22	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	50.18	0.23	50.41	54.00	3.59	Horizontal
5448.450	46.98	0.23	47.21	54.00	6.79	Horizontal

Band Edge Radiated Emissions (continued)**Results: HDRPL24 / Beamforming / Core 0 + Core 1 / ePA****Results: Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.725	63.76	74.00	10.24	Horizontal
5442.840	59.62	74.00	14.38	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	50.71	0.58	51.29	54.00	2.71	Horizontal
5449.660	47.00	0.58	47.58	54.00	6.42	Horizontal

Results: XHDRPL24 / Beamforming / Core 0 + Core 1 / ePA**Results: Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.600	62.03	74.00	11.97	Horizontal
5443.720	59.00	74.00	15.00	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	50.33	0.80	51.13	54.00	2.87	Horizontal
5447.900	46.98	0.80	47.78	54.00	6.22	Horizontal

Results: HDT3 / Beamforming / Core 0 + Core 1 / ePA**Results: Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5147.975	58.76	74.00	15.24	Horizontal
5399.610	59.40	74.00	14.60	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	46.91	0.24	47.15	54.00	6.85	Horizontal
5440.310	47.28	0.24	47.52	54.00	6.48	Horizontal

Band Edge Radiated Emissions (continued)**Results: HDT4 / Beamforming / Core 0 + Core 1 / ePA****Results: Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5147.950	59.45	74.00	14.55	Horizontal
5420.950	60.07	74.00	13.93	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.675	46.90	0.30	47.20	54.00	6.80	Horizontal
5446.580	47.26	0.30	47.56	54.00	6.44	Horizontal

Results: HDT6 / Beamforming / Core 0 + Core 1 / ePA**Results: Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	63.73	74.00	10.27	Horizontal
5452.850	59.21	74.00	14.79	Horizontal

Results: Lower Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	47.30	0.41	47.71	54.00	6.29	Horizontal
5445.920	46.96	0.41	47.37	54.00	6.63	Horizontal

Band Edge Radiated Emissions (continued)**Results: BDR / Beamforming / Core 0 + Core 1 / iPA****Results: Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5145.675	58.75	74.00	15.25	Horizontal
5455.930	59.60	74.00	14.40	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5130.025	45.32	1.16	46.48	54.00	7.52	Horizontal
5441.410	47.10	1.16	48.26	54.00	5.74	Horizontal

Results: LE 1M / Beamforming / Core 0 + Core 1 / iPA**Results: Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5129.375	57.85	74.00	16.15	Horizontal
5421.500	59.32	74.00	14.68	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5128.650	45.29	0.72	46.01	54.00	7.99	Horizontal
5453.180	47.07	0.72	47.79	54.00	6.21	Horizontal

Results: LE 2M / Beamforming / Core 0 + Core 1 / iPA**Results: Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5136.175	58.33	74.00	15.67	Horizontal
5424.690	59.23	74.00	14.77	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5126.250	45.32	2.45	47.77	54.00	6.23	Horizontal
5449.880	47.04	2.45	49.49	54.00	4.51	Horizontal

Band Edge Radiated Emissions (continued)**Results: 4DH5 / Beamforming / Core 0 + Core 1 / iPA****Results: Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5140.375	57.42	74.00	16.58	Horizontal
5446.03	59.58	74.00	14.42	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5125.775	45.33	1.09	46.42	54.00	7.58	Horizontal
5453.84	47.07	1.09	48.16	54.00	5.84	Horizontal

Results: 8DH5 / Beamforming / Core 0 + Core 1 / iPA**Results: Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5147.750	62.33	74.00	11.67	Horizontal
5451.860	58.93	74.00	15.07	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5148.200	48.03	1.07	49.10	54.00	4.90	Horizontal
5458.680	47.05	1.07	48.12	54.00	5.88	Horizontal

Results: HDRPS2 / Beamforming / Core 0 + Core 1 / iPA**Results: Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5148.850	57.53	74.00	16.47	Horizontal
5434.810	58.78	74.00	15.22	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5126.800	45.38	0.35	45.73	54.00	8.27	Horizontal
5448.560	47.04	0.35	47.39	54.00	6.61	Horizontal

Band Edge Radiated Emissions (continued)**Results: HDRPM12 / Beamforming / Core 0 + Core 1 / iPA****Results: Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5147.950	57.43	74.00	16.57	Horizontal
5434.480	58.85	74.00	15.15	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.600	45.12	0.31	45.43	54.00	8.57	Horizontal
5451.750	47.11	0.31	47.42	54.00	6.58	Horizontal

Results: XHDRPM8 / Beamforming / Core 0 + Core 1 / iPA**Results: Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5148.725	57.93	74.00	16.07	Horizontal
5365.070	59.24	74.00	14.76	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5148.725	45.64	0.35	45.99	54.00	8.01	Horizontal
5459.340	47.07	0.35	47.42	54.00	6.58	Horizontal

Results: HDRPL8 / Beamforming / Core 0 + Core 1 / iPA**Results: Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.775	61.66	74.00	12.34	Horizontal
5396.420	59.82	74.00	14.18	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	50.41	0.23	50.64	54.00	3.36	Horizontal
5450.870	47.04	0.23	47.27	54.00	6.73	Horizontal

Band Edge Radiated Emissions (continued)**Results: HDRPL24 / Beamforming / Core 0 + Core 1 / iPA****Results: Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.950	60.25	74.00	13.75	Horizontal
5452.410	59.10	74.00	14.90	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5148.650	46.37	0.58	46.95	54.00	7.05	Horizontal
5449.660	47.07	0.58	47.65	54.00	6.35	Horizontal

Results: XHDRPL24 / Beamforming / Core 0 + Core 1 / iPA**Results: Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.525	61.45	74.00	12.55	Horizontal
5449.000	59.22	74.00	14.78	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	49.93	0.80	50.73	54.00	3.27	Horizontal
5459.010	47.04	0.80	47.84	54.00	6.16	Horizontal

Results: HDT3 / Beamforming / Core 0 + Core 1 / iPA**Results: Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.750	64.58	74.00	9.42	Horizontal
5422.820	59.19	74.00	14.81	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.975	50.65	0.24	50.89	54.00	3.11	Horizontal
5444.416	47.05	0.24	47.29	54.00	6.71	Horizontal

Band Edge Radiated Emissions (continued)**Results: HDT4 / Beamforming / Core 0 + Core 1 / iPA****Results: Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.025	64.23	74.00	9.77	Horizontal
5392.130	58.95	74.00	15.05	Horizontal

Results: Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.825	50.43	0.30	50.73	54.00	3.27	Horizontal
5458.790	47.07	0.30	47.37	54.00	6.63	Horizontal

Results: HDT6 / Beamforming / Core 0 + Core 1 / iPA**Results: Lower Band Edge / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5150	66.45	74.00	7.55	Horizontal
5454.720	59.14	74.00	14.86	Horizontal

Results: Lower Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle Correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5149.950	50.47	0.41	50.88	54.00	3.12	Horizontal
5448.450	47.08	0.41	47.49	54.00	6.51	Horizontal

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