



TEST REPORT

Test Report No. : UL-RPT-RP16171218JD05D

Applicant* : Apple Inc.

Model No. / HVIN* : A3534

FCC ID* : BCGA3534 **IC*** : 579C-A3534

Technology : NB-FHSS / U-NII-3

Test Standard(s) : FCC Parts 15.35(c), 15.209(a) & 15.407
Innovation, Science and Economic Development Canada
RSS-247 Issue 4 July 2025 & RSS-Gen Issue 5 February 2021

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	Sarah Williams
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
Specification Reference:	RSS-247 Issue 4 July 2025
Specification Title:	Digital Transmission Systems, Frequency Hopping Systems and Licence- Exempt Local Area Network Devices in 902-928 MHz, 2400-2483.5 MHz, 5150-5350 MHz, and 5470-5895 MHz bands
Specification Reference:	RSS-Gen Issue 5 February 2021
Specification Title:	General Requirements for Compliance of Radio Apparatus
Site Registration:	FCC: 685609, ISEDC: 20903
FCC Lab. Designation No.:	UK2011
ISEDC CABID:	UK0001
Location of Testing:	Units 3 & 4 Horizon, Wade Road, Kingsland Business Park, Basingstoke, Hampshire, RG24 8AH, United Kingdom
Test Dates:	12 April 2026 to 08 June 2026

1.3 Summary of Test Results

FCC Clause (47CFR)	ISED Clause	Transmitter Measurement	Result
Part 15.35(c)	RSS-Gen 8.2	Duty Cycle	Note 1
N/A	RSS-Gen 6.7	99% Occupied Bandwidth	Note 1
Part 15.407(e)	RSS-247 7.3.4.2	Minimum 6 dB Bandwidth (5.725-5.85 GHz band)	Complied
Part 15.407(a)	RSS-247 7.3 / RSS-Gen 6.12	Maximum Conducted Output Power	Complied
Part 15.407(a)	RSS-247 7.3 / RSS-Gen 6.12	Maximum Power Spectral Density	Complied
Part 15.407(b) / 15.209(a)	RSS-247 7.3 / RSS-Gen 6.13	Out of Band Radiated Emissions	Complied
Part 15.407(b) / 15.209(a)	RSS-247 7.3 / RSS-Gen 6.13	Band Edge Radiated Emissions	Complied
Part 15.407(h)(1)	RSS-247 7.3	Transmitter Power Control	Note 2

Note(s):

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

1.4 Deviations from the Test Specification

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

2 Summary of Testing

2.1 Facilities and Accreditation

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

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

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

2.2 Methods and Procedures

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 %
99% Occupied Bandwidth	5.15 GHz to 5.850 GHz	95%	±2.41 %
Minimum 6 dB 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
M231909	Signal Analyser	Keysight	N9020B	MY63430168	01 Oct 2026	12
A237327	Attenuator	Pasternack	PE7013-10	#18	Calibrated before use	-
A237328	Attenuator	Pasternack	PE7013-10	#19	Calibrated before use	-
M215600	Power Sensor	Boonton	RTP5008	11837	15 Sep 2026	12
M225503	Power Sensor	Boonton	RTP5008	12324	24 Mar 2027	12
A231993	Switching Unit	Mini-Circuits	ZT-400	12211020014	Calibrated before use	-
M241601	Network Analyser	Keysight	P5007B	MY61100200	02 Oct 2026	12

Test Measurement Software/Firmware Used for Conducted Tests

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
A266802	Signal Conditioning Unit	Link Microtek	AMUNIT-SCB-UL1	16817	16 Jul 2026	12
A231567	Pre-Amplifier	RF Bay	LNA-1070	2	07 Jul 2026	12
A230567	Pre-Amplifier	Atlantic Microwave	A-HPAKX-380143-K5K5	VJ3601001	07 Jul 2026	12
A3161	Antenna	Teseq	CBL6111D	50859	21 Aug 2026	12
A231044	Antenna	Schwarzbeck	BBHA 9120 B	00835	07 Jul 2026	12
A231045	Antenna	Schwarzbeck	HWRD 750	00064	07 Jul 2026	12
A231050	Antenna	Schwarzbeck	BBHA 9170	01280	07 Jul 2026	12
A3113	Attenuator	AltanTecRF	AN18-06	219706#3	21 Aug 2026	12
A227145	Low Pass Filter	AltanTecRF	Micro-Tronics	LPM21015	07 Jul 2026	12
C227002	RF Cable	Huber + Suhner	SF126EA/11N/11N/6000mm	520901	07 Jul 2026	12
C226916	RF Cable	Huber + Suhner	SF126EA/11N/11N/4000mm	520384	07 Jul 2026	12
C226955	RF Cable	Huber + Suhner	SF126EA/11N/11N/2000	520363/126EA	07 Jul 2026	12
C226942	RF Cable	Huber + Suhner	SF126EA/11N/11N/800	520358/126EA	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
C223506	RF Cable	Schwarzbeck	AK 9540-2.0	00035	07 Jul 2026	12
C223502	RF Cable	Schwarzbeck	AK 9540-0.6	00029	07 Jul 2026	12

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

Asset No.	Instrument	Manufacturer	Type No.	Serial No.	Date Calibration Due	Cal. Interval (Months)
M226553	Thermohygrometer	Testo	608-H1	83800731	17 Dec 2026	12
K226202	3m RSE Chamber	Albatross Projects	N/A	N/A	07 Jul 2026	12
M227312	Test Receiver	Rohde & Schwarz	ESW44	103203	10 Dec 2026	12
A255976	Signal Conditioning Unit	Link Microtek	AMUNIT-SCB-UL1	16815	07 Jul 2026	12
A231043	Antenna	Schwarzbeck	BBHA 9120 B	00834	07 Jul 2026	12
C267019	RF Cable	Huber + Suhner	SF526EA/11N/11/ N/7000	3458770004	07 Jul 2026	12
C226956	RF Cable	Huber + Suhner	SF126EA/11N/11N /2000	520365	07 Jul 2026	12
C256200	RF Cable	Link Microtek	B10-07-07-0.5M- 001	#8	07 Jul 2026	12

Test Measurement Software/Firmware Used for Radiated Tests

Name	Version	Release Date
Phoenix Core	5.0.11	08 April 2026
Phoenix Radiated	5.1.3	10 April 2026

3 Equipment Under Test (EUT)

3.1 Identification of Equipment Under Test (EUT)

Brand Name*:	Apple
Model Name or Number / HVIN*:	A3534
FCC ID*:	BCGA3534
ISED Canada Certification Number*:	579C-A3534

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

3.2 Modifications Incorporated in the EUT

No modifications were applied to the EUT during testing.

3.3 Additional Information Related to Testing

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:	21.95 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:	5725 MHz to 5850 MHz	
Mode*:	ALL	
Static Channels Tested:	Channel ID	Channel Frequency (MHz)
	Bottom	5733
	Middle	5788
	Top	5844

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)
5725 to 5850	4.2	4.5

Frequency Band (MHz)	Directional Antenna Gain for Power and PSD Measurements (dBi)
5725 to 5850	7.4

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

3.5 Description of Test Setup

Support Equipment

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

Customer Supplied*:

Description	Brand Name	Model Name or Number	Serial Number
Test Laptop	Apple	MacBook Pro	DM66H33Y9M
USB Diagnostic Cable	Apple	Chimp	439181
Test Laptop	Apple	MacBook Pro	CFQL62C43K
USB Diagnostic Cable	Apple	Chimp	902BD2
Test Laptop	Apple	MacBook Pro	K5J73GH9RH
USB Diagnostic Cable	Apple	Chimp	439A10

Laboratory Supplied:

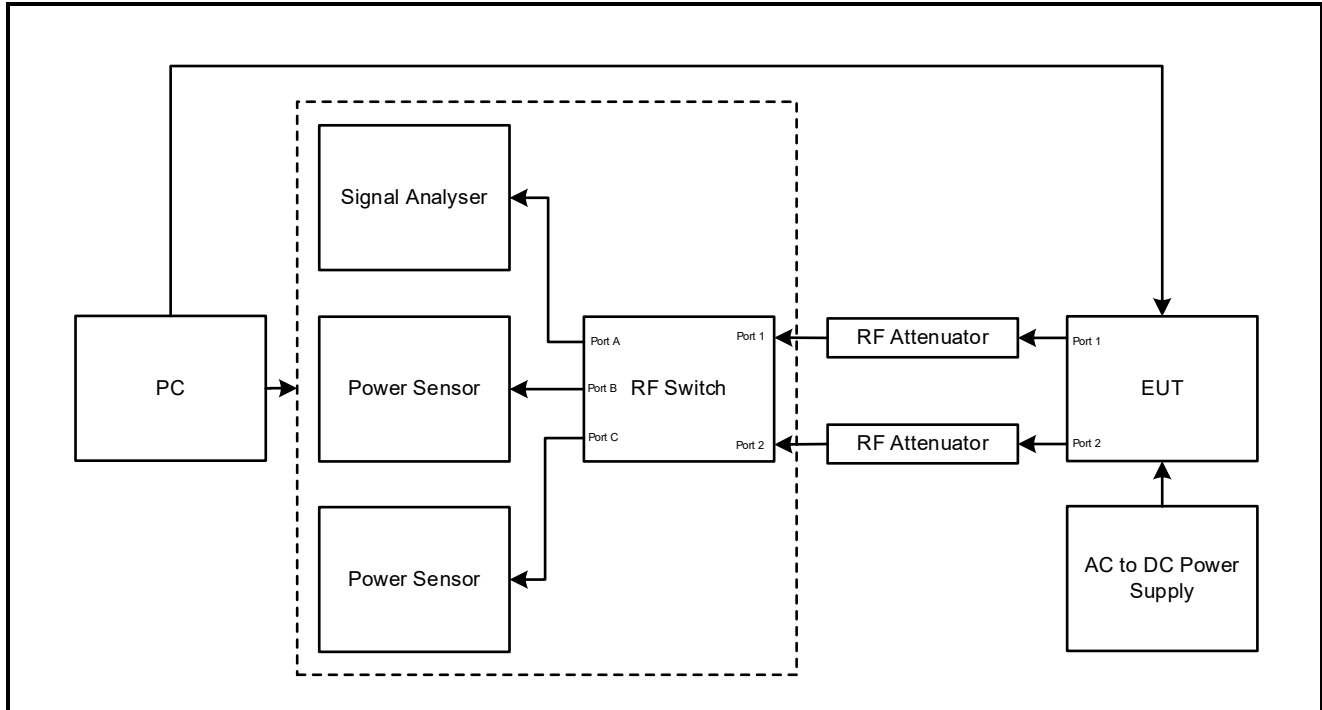
Description	Brand Name	Model Name or Number	Serial Number
USB-C Docking Station	Lenovo	LDC-G2	ZKW05W5E
Ethernet Cable. Length 5m	Not marked or stated	Not marked or stated	Not marked or stated
HDMI Cable. Length 5m	Not marked or stated	Not marked or stated	Not marked or stated
USB-A Cable. Quantity 4. 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

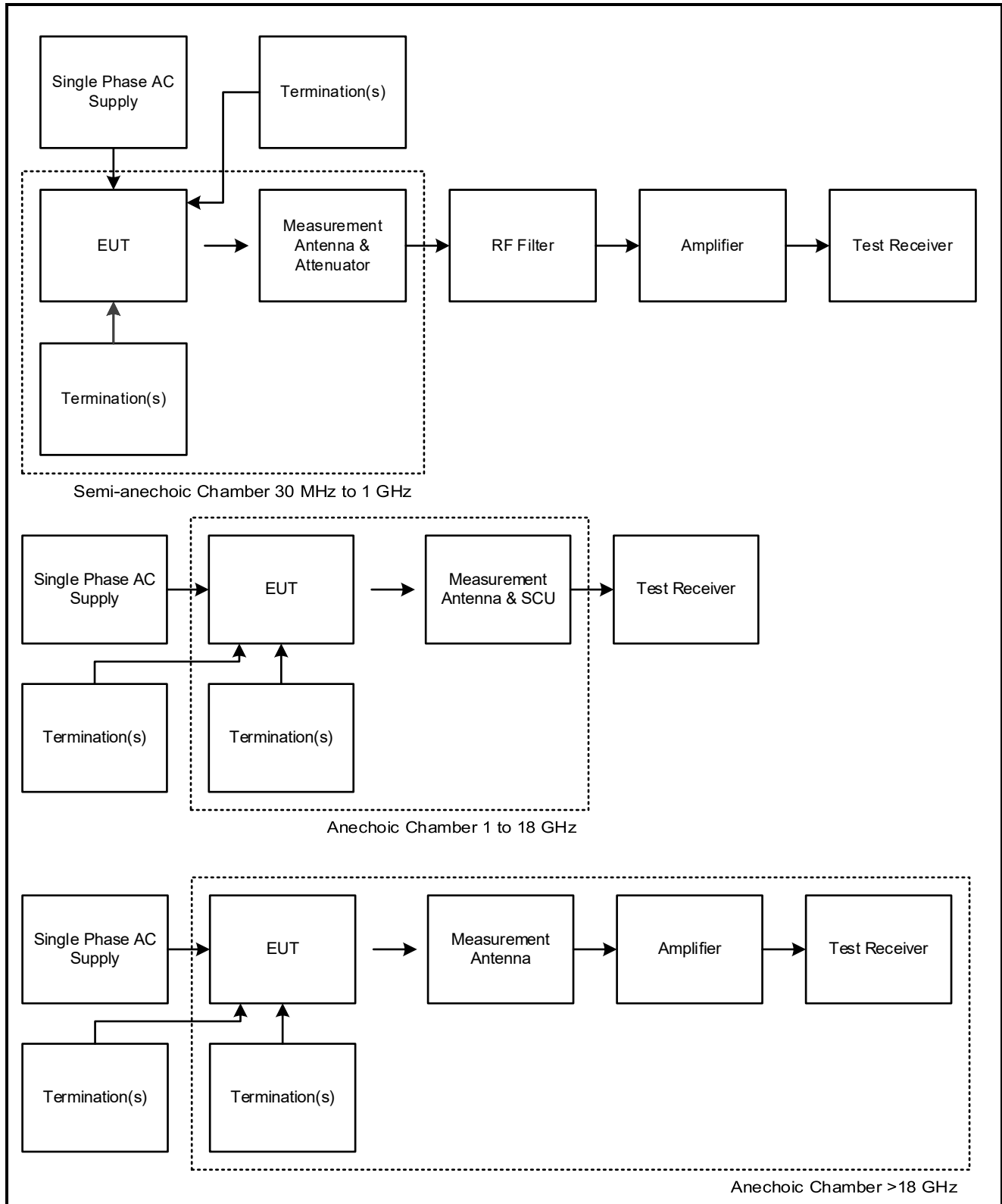
Operating Modes, Configuration and Peripherals

- 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. Since both Cores have equal SISO powers, only Core 1 results are reported in section 4.
- 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	-	-
XHDRPS2		-	-	HDRPL32		-	-
HDRPM4	4.8	-	-	XHDRPL24		X	X
HDRPM6		-	-	XHDRPL32		-	-
HDRPM8		-	-	HDRPL8	8	-	-
XHDRPM4		-	-	HDRPL12		-	-
XHDRPM6		X	X	HDRPL16		X	X
XHDRPM8		-	-	XHDRPL8		-	-
HDRPM12	4.8	X	X	XHDRPL12		-	-
HDRPM16		-	-	XHDRPL16		-	-
XHDRPM12		-	-				
XHDRPM16		-	-				

- 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:	08 June 2026
Test Sample Serial Number:	KQH4V6G739		

FCC Clause:	Part 15.35(c)
ISED Canada Clause:	RSS-Gen 8.2
Test Method Used:	ANSI C63.10 Section 12.2

Environmental Conditions:

Temperature (°C):	23
Relative Humidity (%):	51

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)
5733	Burst Tx	< ±2%	76.70	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)
5733	Burst Tx	< ±2%	84.97	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)
5733	Burst Tx	< $\pm 2\%$	56.94	1.875	1.068

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)
5733	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)
5733	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)
5733	Burst Tx	< $\pm 2\%$	92.54	17.500	16.195

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)
5733	Burst Tx	< $\pm 2\%$	86.70	6.250	5.419

Duty Cycle (continued)

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	HDRPM12 (16QAM)

Test Frequency (MHz)	Burst Type	Stability	Duty Cycle (%)	Period (ms)	Width (ms)
5733	Burst Tx	< $\pm 2\%$	93.44	2.500	2.336

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	HDRPL16 (OQPSK)

Test Frequency (MHz)	Burst Type	Stability	Duty Cycle (%)	Period (ms)	Width (ms)
5733	Burst Tx	< $\pm 2\%$	96.22	3.750	3.608

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	XHDRPL24 (16QAM)

Test Frequency (MHz)	Burst Type	Stability	Duty Cycle (%)	Period (ms)	Width (ms)
5733	Burst Tx	< $\pm 2\%$	83.27	2.500	2.082

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)
5733	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)
5733	Burst Tx	< $\pm 2\%$	93.54	1.180	1.103

Duty Cycle (continued)

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)
5733	Burst Tx	< ±2%	89.06	0.698	0.621

4.2 Minimum 6 dB & 99% Bandwidth

Test Summary:

Test Engineer:	Jerome Moyo	Test Date:	08 June 2026
Test Sample Serial Number:	KQH4V6G739		

FCC Clause:	Part 15.407(e)
ISED Canada Clause:	RSS-247 7.3.4.2
OBW Test Method Used:	ANSI C63.10 Section 12.5.3 referencing section 6.9.3
6 dB BW Test Method Used:	ANSI C63.10 Section 12.5.1

Environmental Conditions:

Temperature (°C):	23
Relative Humidity (%):	51

Note(s):

1. OBW: The transmitter output is connected to a signal analyser. The RBW is set in the range of 1% to 5% of the 99% OBW. The VBW is set to $\geq 3 \times \text{RBW}$. The sweep time is coupled. The 99% emission bandwidth was calculated by the test system using the raw trace data from the signal analyser.
2. 6 dB BW: The transmitter output is connected to a signal analyser. The RBW is set to 100 kHz. The VBW is set to $\geq 3 \times \text{RBW}$. A peak detector was used, sweep time was set to auto and the trace mode was Max Hold. The bandwidth was measured at 6 dB down from the peak of the signal.
3. 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.

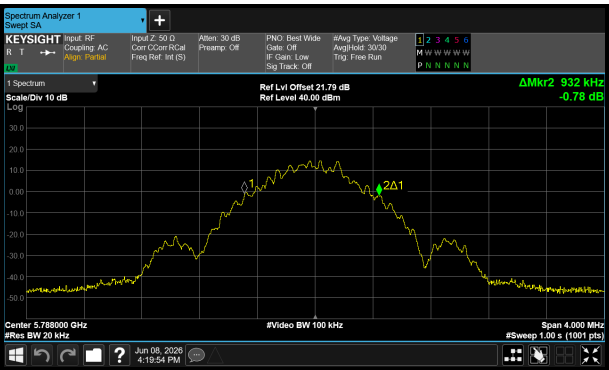
Minimum 6 dB & 99% Bandwidth (continued)

Results: SISO / ePA / Core 0

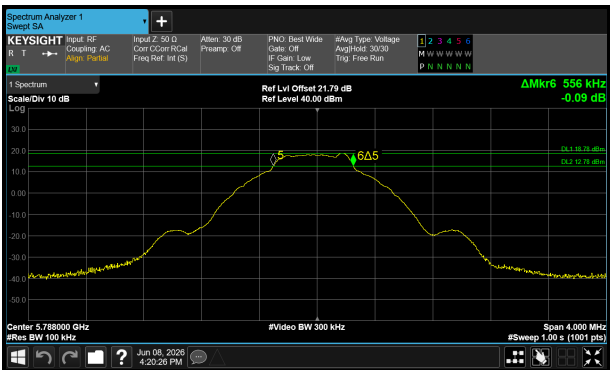
Antenna Configuration:	SISO	Mode:	BDR
Test Port:	2 (Core 0)	Rate/Modulation:	DH5 (GFSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	0.928	-	-	-
5788	-	0.932	-	-	-
5844	-	0.932	-	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	0.556	-	-	≥500
5788	-	0.556	-	-	≥500
5844	-	0.556	-	-	≥500



99%



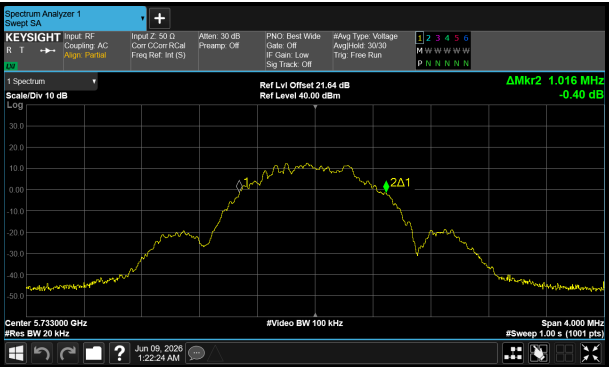
6 dB

Minimum 6 dB & 99% Bandwidth (continued)

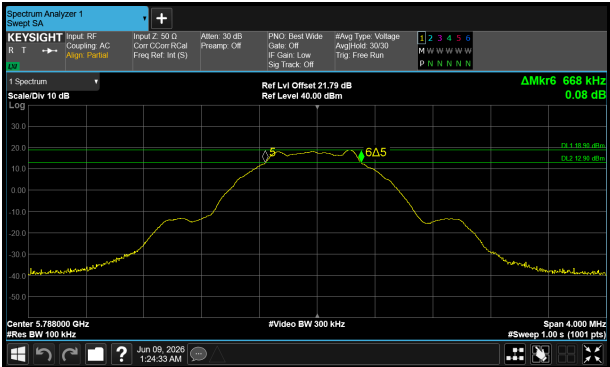
Antenna Configuration:	SISO	Mode:	LE
Test Port:	2 (Core 0)	Rate/Modulation:	LE 1M (GFSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	1.016	-	-	-
5788	-	1.016	-	-	-
5844	-	1.012	-	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	0.668	-	-	≥500
5788	-	0.668	-	-	≥500
5844	-	0.668	-	-	≥500



99%



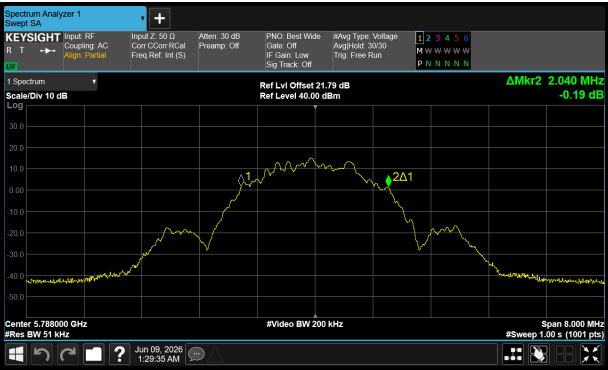
6 dB

Minimum 6 dB & 99% Bandwidth (continued)

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.040	-	-	-
5788	-	2.040	-	-	-
5844	-	2.040	-	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	1.200	-	-	≥500
5788	-	1.200	-	-	≥500
5844	-	1.200	-	-	≥500



99%



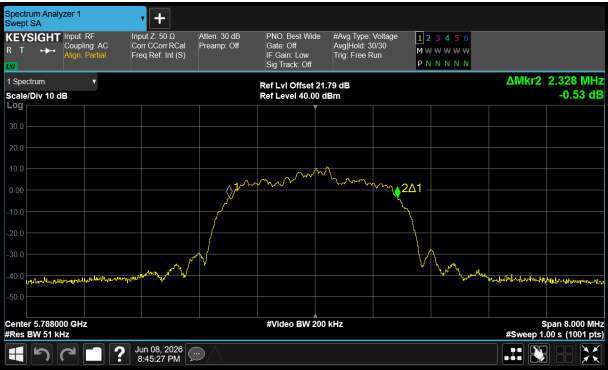
6 dB

Minimum 6 dB & 99% Bandwidth (continued)

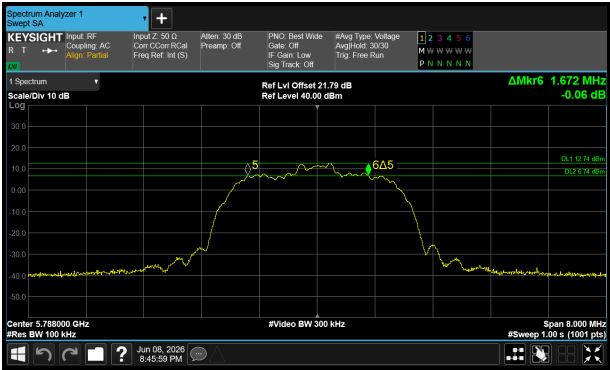
Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	4DH5 ($\pi/4$ -DQPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.328	-	-	-
5788	-	2.328	-	-	-
5844	-	2.328	-	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	1.680	-	-	≥ 500
5788	-	1.672	-	-	≥ 500
5844	-	1.680	-	-	≥ 500



99%



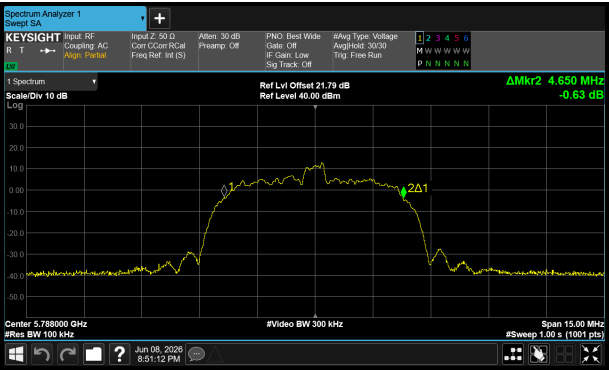
6 dB

Minimum 6 dB & 99% Bandwidth (continued)

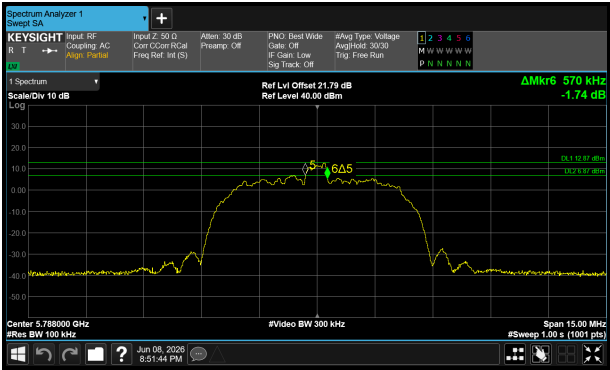
Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	8DH5 ($\pi/4$ -DQPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	4.650	-	-	-
5788	-	4.650	-	-	-
5844	-	4.650	-	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	0.570	-	-	≥ 500
5788	-	0.570	-	-	≥ 500
5844	-	0.570	-	-	≥ 500



99%



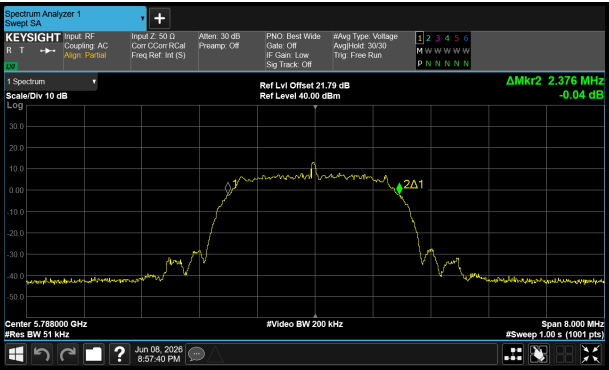
6 dB

Minimum 6 dB & 99% Bandwidth (continued)

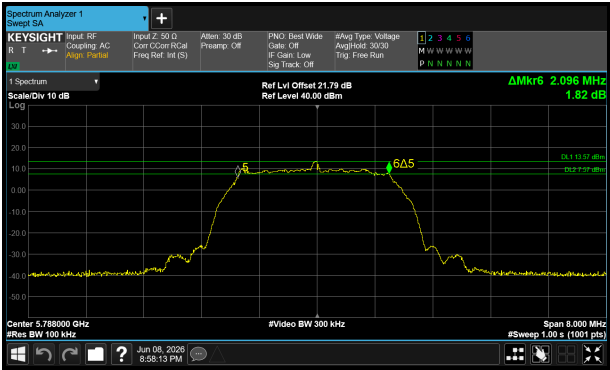
Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	HDRPS2 (OQPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.376	-	-	-
5788	-	2.376	-	-	-
5844	-	2.376	-	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.096	-	-	≥500
5788	-	2.096	-	-	≥500
5844	-	2.096	-	-	≥500



99%



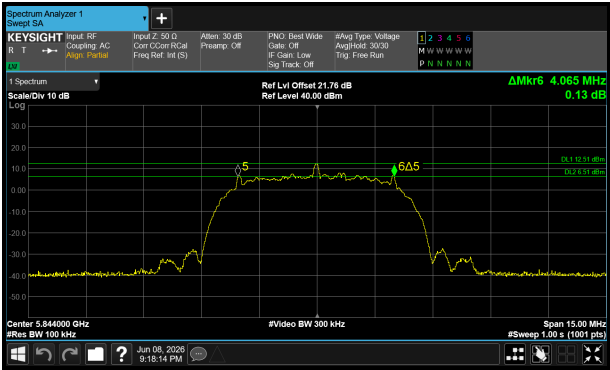
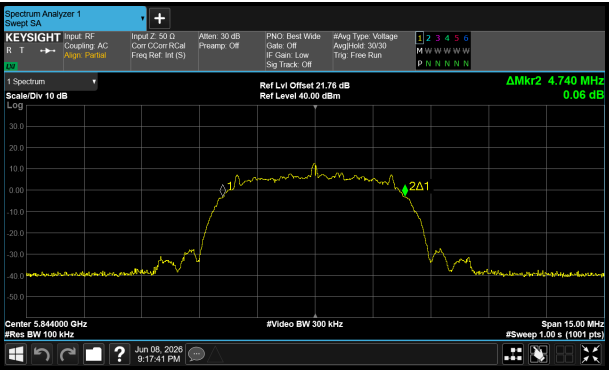
6 dB

Minimum 6 dB & 99% Bandwidth (continued)

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	4.725	-	-	-
5788	-	4.725	-	-	-
5844	-	4.740	-	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	4.065	-	-	≥500
5788	-	4.065	-	-	≥500
5844	-	4.065	-	-	≥500

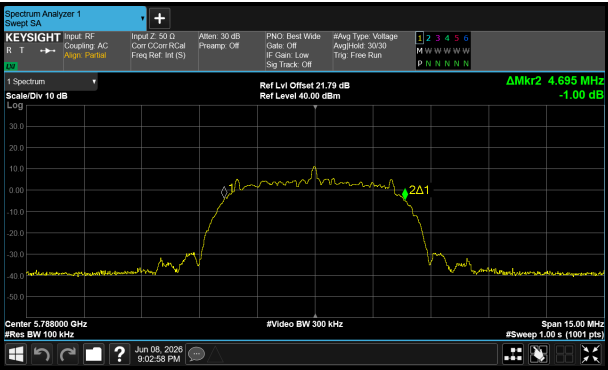


Minimum 6 dB & 99% Bandwidth (continued)

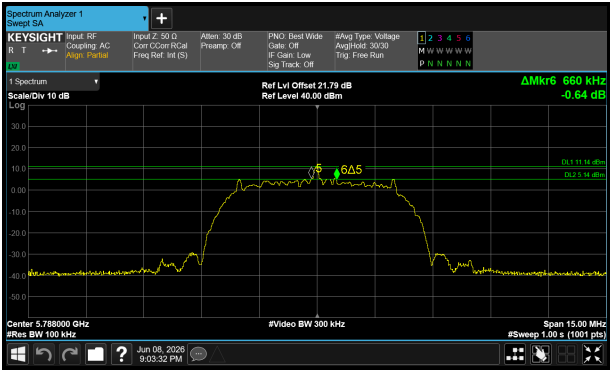
Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	HDRPM12 (16QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	4.695	-	-	-
5788	-	4.695	-	-	-
5844	-	4.695	-	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	0.660	-	-	≥500
5788	-	0.660	-	-	≥500
5844	-	0.675	-	-	≥500



99%



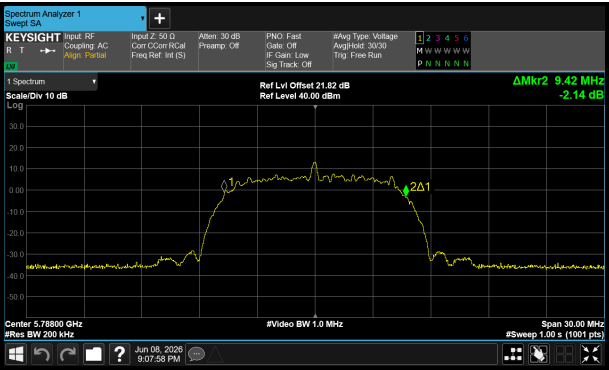
6 dB

Minimum 6 dB & 99% Bandwidth (continued)

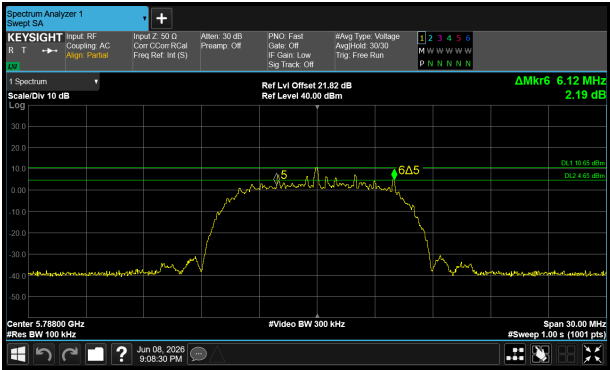
Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	HDRPL16 (OQPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	9.420	-	-	-
5788	-	9.420	-	-	-
5844	-	9.420	-	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	6.120	-	-	≥500
5788	-	6.120	-	-	≥500
5844	-	6.120	-	-	≥500



99%



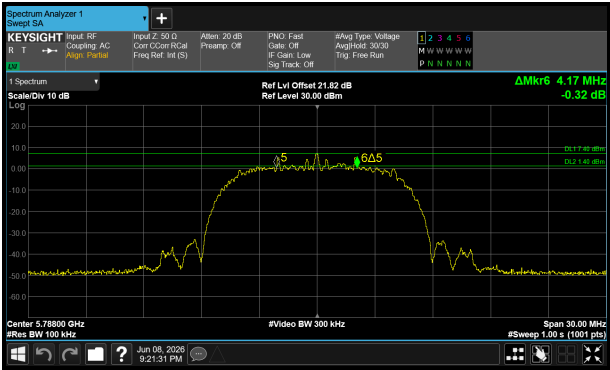
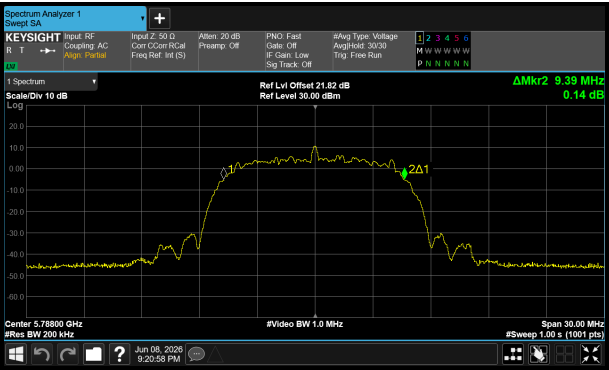
6 dB

Minimum 6 dB & 99% Bandwidth (continued)

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	XHDRPL24 (16QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	9.390	-	-	-
5788	-	9.390	-	-	-
5844	-	9.390	-	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	4.170	-	-	≥500
5788	-	4.170	-	-	≥500
5844	-	4.170	-	-	≥500

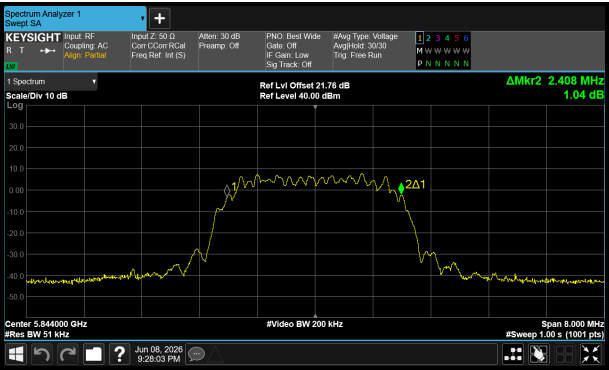


Minimum 6 dB & 99% Bandwidth (continued)

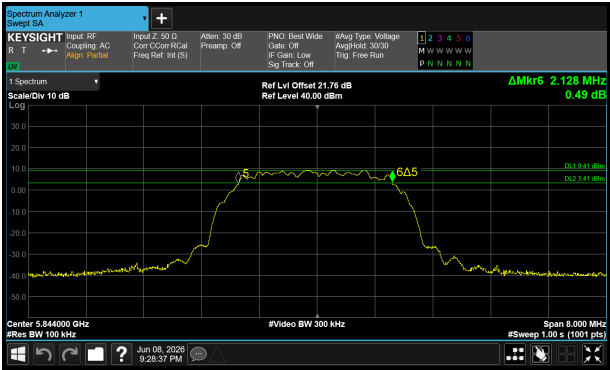
Antenna Configuration:	SISO	Mode:	HDT
Test Port:	2 (Core 0)	Rate/Modulation:	HDT3 (π/4-QPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.400	-	-	-
5788	-	2.400	-	-	-
5844	-	2.408	-	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.136	-	-	≥500
5788	-	2.128	-	-	≥500
5844	-	2.128	-	-	≥500



99%



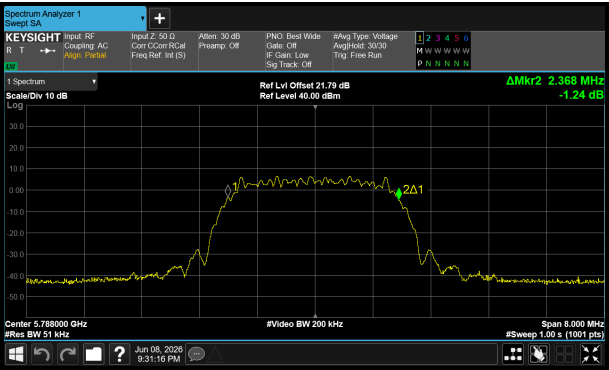
6 dB

Minimum 6 dB & 99% Bandwidth (continued)

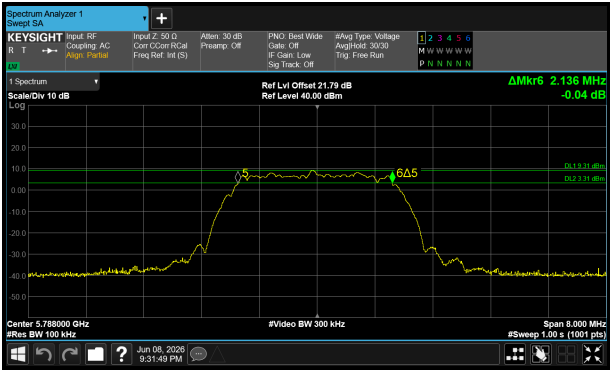
Antenna Configuration:	SISO	Mode:	HDT
Test Port:	2 (Core 0)	Rate/Modulation:	HDT4 (8PSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.368	-	-	-
5788	-	2.368	-	-	-
5844	-	2.368	-	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.136	-	-	≥500
5788	-	2.136	-	-	≥500
5844	-	2.136	-	-	≥500



99%



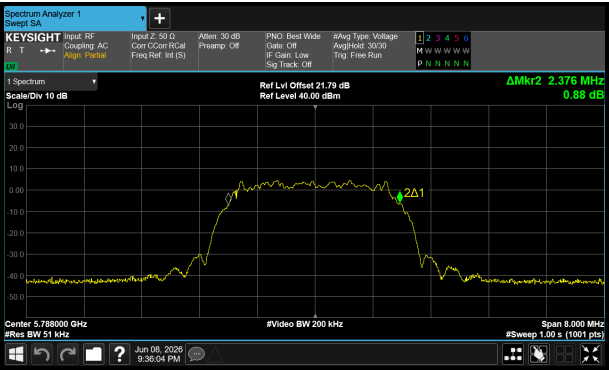
6 dB

Minimum 6 dB & 99% Bandwidth (continued)

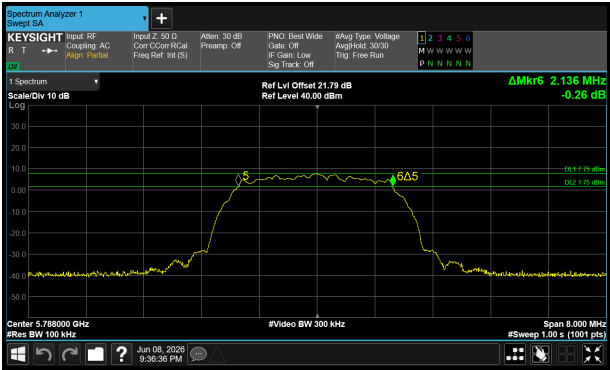
Antenna Configuration:	SISO	Mode:	HDT
Test Port:	2 (Core 0)	Rate/Modulation:	HDT8 (16QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.376	-	-	-
5788	-	2.376	-	-	-
5844	-	2.376	-	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.136	-	-	≥500
5788	-	2.136	-	-	≥500
5844	-	2.136	-	-	≥500



99%



6 dB

Minimum 6 dB & 99% Bandwidth (continued)**Results: SISO / ePA / Core 1**

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	0.932	-	-
5788	-	-	0.932	-	-
5844	-	-	0.932	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	0.556	-	≥500
5788	-	-	0.556	-	≥500
5844	-	-	0.556	-	≥500

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	1.016	-	-
5788	-	-	1.016	-	-
5844	-	-	1.016	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	0.672	-	≥500
5788	-	-	0.668	-	≥500
5844	-	-	0.668	-	≥500

Minimum 6 dB & 99% Bandwidth (continued)

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	2.040	-	-
5788	-	-	2.040	-	-
5844	-	-	2.040	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	1.200	-	≥500
5788	-	-	1.200	-	≥500
5844	-	-	1.200	-	≥500

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	2.328	-	-
5788	-	-	2.328	-	-
5844	-	-	2.328	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	1.584	-	≥500
5788	-	-	1.680	-	≥500
5844	-	-	1.672	-	≥500

Minimum 6 dB & 99% Bandwidth (continued)

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	4.635	-	-
5788	-	-	4.635	-	-
5844	-	-	4.635	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	0.570	-	≥ 500
5788	-	-	0.570	-	≥ 500
5844	-	-	0.555	-	≥ 500

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	2.376	-	-
5788	-	-	2.376	-	-
5844	-	-	2.376	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	2.096	-	≥ 500
5788	-	-	2.096	-	≥ 500
5844	-	-	2.096	-	≥ 500

Minimum 6 dB & 99% Bandwidth (continued)

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	4.725	-	-
5788	-	-	4.725	-	-
5844	-	-	4.725	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	4.035	-	≥500
5788	-	-	4.065	-	≥500
5844	-	-	4.065	-	≥500

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	HDRPM12 (16QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	4.695	-	-
5788	-	-	4.695	-	-
5844	-	-	4.695	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	0.645	-	≥500
5788	-	-	0.645	-	≥500
5844	-	-	0.660	-	≥500

Minimum 6 dB & 99% Bandwidth (continued)

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	HDRPL16 (OQPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	9.420	-	-
5788	-	-	9.390	-	-
5844	-	-	9.390	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	6.120	-	≥500
5788	-	-	6.120	-	≥500
5844	-	-	6.120	-	≥500

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	XHDRPL24 (16QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	9.390	-	-
5788	-	-	9.390	-	-
5844	-	-	9.390	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	4.170	-	≥500
5788	-	-	4.170	-	≥500
5844	-	-	4.170	-	≥500

Minimum 6 dB & 99% Bandwidth (continued)

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	2.400	-	-
5788	-	-	2.408	-	-
5844	-	-	2.408	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	2.128	-	≥ 500
5788	-	-	2.128	-	≥ 500
5844	-	-	2.128	-	≥ 500

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	2.368	-	-
5788	-	-	2.368	-	-
5844	-	-	2.376	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	2.136	-	≥ 500
5788	-	-	2.136	-	≥ 500
5844	-	-	2.136	-	≥ 500

Minimum 6 dB & 99% Bandwidth (continued)

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	2.376	-	-
5788	-	-	2.376	-	-
5844	-	-	2.376	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	2.136	-	≥500
5788	-	-	2.136	-	≥500
5844	-	-	2.136	-	≥500

Results: SISO / iPA / Core 0

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	0.936	-	-	-
5788	-	0.936	-	-	-
5844	-	0.936	-	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	0.556	-	-	≥500
5788	-	0.556	-	-	≥500
5844	-	0.556	-	-	≥500

Minimum 6 dB & 99% Bandwidth (continued)

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	1.024	-	-	-
5788	-	1.028	-	-	-
5844	-	1.028	-	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	0.668	-	-	≥500
5788	-	0.668	-	-	≥500
5844	-	0.668	-	-	≥500

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.056	-	-	-
5788	-	2.056	-	-	-
5844	-	2.056	-	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	1.256	-	-	≥500
5788	-	1.256	-	-	≥500
5844	-	1.256	-	-	≥500

Minimum 6 dB & 99% Bandwidth (continued)

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.344	-	-	-
5788	-	2.344	-	-	-
5844	-	2.344	-	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	1.584	-	-	≥ 500
5788	-	1.680	-	-	≥ 500
5844	-	1.872	-	-	≥ 500

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	4.665	-	-	-
5788	-	4.665	-	-	-
5844	-	4.680	-	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	0.570	-	-	≥ 500
5788	-	0.570	-	-	≥ 500
5844	-	0.570	-	-	≥ 500

Minimum 6 dB & 99% Bandwidth (continued)

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.400	-	-	-
5788	-	2.392	-	-	-
5844	-	2.392	-	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.112	-	-	≥500
5788	-	2.112	-	-	≥500
5844	-	2.104	-	-	≥500

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	4.770	-	-	-
5788	-	4.755	-	-	-
5844	-	4.740	-	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	4.080	-	-	≥500
5788	-	4.080	-	-	≥500
5844	-	4.080	-	-	≥500

Minimum 6 dB & 99% Bandwidth (continued)

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	HDRPM12 (16QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	4.710	-	-	-
5788	-	4.725	-	-	-
5844	-	4.725	-	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	4.050	-	-	≥500
5788	-	4.050	-	-	≥500
5844	-	4.050	-	-	≥500

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	HDRPL16 (OQPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	9.480	-	-	-
5788	-	9.450	-	-	-
5844	-	9.450	-	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	6.150	-	-	≥500
5788	-	6.150	-	-	≥500
5844	-	6.150	-	-	≥500

Minimum 6 dB & 99% Bandwidth (continued)

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	XHDRPL24 (16QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	9.450	-	-	-
5788	-	9.450	-	-	-
5844	-	9.420	-	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	4.170	-	-	≥500
5788	-	4.170	-	-	≥500
5844	-	4.170	-	-	≥500

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.416	-	-	-
5788	-	2.408	-	-	-
5844	-	2.408	-	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.136	-	-	≥500
5788	-	2.128	-	-	≥500
5844	-	2.136	-	-	≥500

Minimum 6 dB & 99% Bandwidth (continued)

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.384	-	-	-
5788	-	2.376	-	-	-
5844	-	2.376	-	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.136	-	-	≥500
5788	-	2.136	-	-	≥500
5844	-	2.136	-	-	≥500

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.376	-	-	-
5788	-	2.376	-	-	-
5844	-	2.376	-	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.144	-	-	≥500
5788	-	2.152	-	-	≥500
5844	-	2.152	-	-	≥500

Minimum 6 dB & 99% Bandwidth (continued)**Results: SISO / iPA / Core 1**

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	0.932	-	-
5788	-	-	0.932	-	-
5844	-	-	0.932	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	0.556	-	≥500
5788	-	-	0.556	-	≥500
5844	-	-	0.556	-	≥500

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	1.016	-	-
5788	-	-	1.020	-	-
5844	-	-	1.024	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	0.672	-	≥500
5788	-	-	0.672	-	≥500
5844	-	-	0.672	-	≥500

Minimum 6 dB & 99% Bandwidth (continued)

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	2.048	-	-
5788	-	-	2.048	-	-
5844	-	-	2.048	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	1.200	-	≥500
5788	-	-	1.248	-	≥500
5844	-	-	1.248	-	≥500

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	2.344	-	-
5788	-	-	2.344	-	-
5844	-	-	2.336	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	1.896	-	≥500
5788	-	-	1.896	-	≥500
5844	-	-	1.880	-	≥500

Minimum 6 dB & 99% Bandwidth (continued)

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	4.680	-	-
5788	-	-	4.680	-	-
5844	-	-	4.665	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	0.570	-	≥ 500
5788	-	-	0.570	-	≥ 500
5844	-	-	0.570	-	≥ 500

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	2.392	-	-
5788	-	-	2.376	-	-
5844	-	-	2.384	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	2.120	-	≥ 500
5788	-	-	2.112	-	≥ 500
5844	-	-	2.104	-	≥ 500

Minimum 6 dB & 99% Bandwidth (continued)

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	4.740	-	-
5788	-	-	4.740	-	-
5844	-	-	4.755	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	4.080	-	≥500
5788	-	-	4.095	-	≥500
5844	-	-	4.080	-	≥500

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	HDRPM12 (16QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	4.725	-	-
5788	-	-	4.725	-	-
5844	-	-	4.725	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	4.050	-	≥500
5788	-	-	4.050	-	≥500
5844	-	-	4.050	-	≥500

Minimum 6 dB & 99% Bandwidth (continued)

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	HDRPL16 (OQPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	9.420	-	-
5788	-	-	9.420	-	-
5844	-	-	9.420	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	6.150	-	≥500
5788	-	-	6.150	-	≥500
5844	-	-	6.150	-	≥500

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	XHDRPL24 (16QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	9.450	-	-
5788	-	-	9.450	-	-
5844	-	-	9.420	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	4.170	-	≥500
5788	-	-	4.170	-	≥500
5844	-	-	4.170	-	≥500

Minimum 6 dB & 99% Bandwidth (continued)

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	2.408	-	-
5788	-	-	2.408	-	-
5844	-	-	2.408	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	2.128	-	≥ 500
5788	-	-	2.128	-	≥ 500
5844	-	-	2.128	-	≥ 500

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	2.376	-	-
5788	-	-	2.368	-	-
5844	-	-	2.376	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	2.136	-	≥ 500
5788	-	-	2.136	-	≥ 500
5844	-	-	2.136	-	≥ 500

Minimum 6 dB & 99% Bandwidth (continued)

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	2.376	-	-
5788	-	-	2.376	-	-
5844	-	-	2.376	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	-	2.144	-	≥500
5788	-	-	2.144	-	≥500
5844	-	-	2.144	-	≥500

Results: Beamforming / ePA

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	0.932	0.928	-	-
5788	-	0.928	0.928	-	-
5844	-	0.928	0.928	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	0.556	0.556	-	≥500
5788	-	0.560	0.560	-	≥500
5844	-	0.556	0.556	-	≥500

Minimum 6 dB & 99% Bandwidth (continued)

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	1.016	1.016	-	-
5788	-	1.016	1.016	-	-
5844	-	1.016	1.016	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	0.668	0.668	-	≥500
5788	-	0.672	0.668	-	≥500
5844	-	0.668	0.668	-	≥500

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.040	2.040	-	-
5788	-	2.040	2.040	-	-
5844	-	2.040	2.040	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	1.200	1.200	-	≥500
5788	-	1.200	1.200	-	≥500
5844	-	1.200	1.200	-	≥500

Minimum 6 dB & 99% Bandwidth (continued)

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.328	2.328	-	-
5788	-	2.328	2.328	-	-
5844	-	2.328	2.328	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	1.584	1.584	-	≥ 500
5788	-	1.672	1.680	-	≥ 500
5844	-	1.592	1.672	-	≥ 500

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	4.650	4.650	-	-
5788	-	4.650	4.650	-	-
5844	-	4.650	4.650	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	0.570	0.570	-	≥ 500
5788	-	0.570	0.570	-	≥ 500
5844	-	0.570	0.570	-	≥ 500

Minimum 6 dB & 99% Bandwidth (continued)

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.384	2.376	-	-
5788	-	2.376	2.376	-	-
5844	-	2.376	2.376	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.088	2.104	-	≥500
5788	-	2.096	2.096	-	≥500
5844	-	2.088	2.096	-	≥500

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	4.740	4.725	-	-
5788	-	4.725	4.740	-	-
5844	-	4.725	4.725	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	4.080	4.080	-	≥500
5788	-	4.065	4.080	-	≥500
5844	-	4.065	4.080	-	≥500

Minimum 6 dB & 99% Bandwidth (continued)

Antenna Configuration:	Beamforming	Mode:	HDR
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	HDRPM12 (16QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	4.710	4.710	-	-
5788	-	4.695	4.695	-	-
5844	-	4.695	4.695	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	0.660	0.660	-	≥500
5788	-	0.660	0.660	-	≥500
5844	-	0.660	0.660	-	≥500

Antenna Configuration:	Beamforming	Mode:	HDR
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	HDRPL16 (OQPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	9.390	9.390	-	-
5788	-	9.390	9.390	-	-
5844	-	9.390	9.390	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	6.120	6.120	-	≥500
5788	-	6.120	6.120	-	≥500
5844	-	6.120	6.120	-	≥500

Minimum 6 dB & 99% Bandwidth (continued)

Antenna Configuration:	Beamforming	Mode:	HDR
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	XHDRPL24 (16QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	9.390	9.390	-	-
5788	-	9.390	9.390	-	-
5844	-	9.390	9.390	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	4.170	4.170	-	≥500
5788	-	4.170	4.140	-	≥500
5844	-	4.140	4.200	-	≥500

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.408	2.408	-	-
5788	-	2.408	2.408	-	-
5844	-	2.408	2.408	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.128	2.128	-	≥500
5788	-	2.128	2.128	-	≥500
5844	-	2.128	2.128	-	≥500

Minimum 6 dB & 99% Bandwidth (continued)

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.376	2.368	-	-
5788	-	2.376	2.376	-	-
5844	-	2.376	2.376	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.136	2.136	-	≥500
5788	-	2.136	2.136	-	≥500
5844	-	2.136	2.136	-	≥500

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.376	2.376	-	-
5788	-	2.376	2.376	-	-
5844	-	2.376	2.376	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.136	2.136	-	≥500
5788	-	2.136	2.136	-	≥500
5844	-	2.136	2.136	-	≥500

Minimum 6 dB & 99% 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)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	0.936	0.928	-	-
5788	-	0.936	0.932	-	-
5844	-	0.936	0.932	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	0.556	0.556	-	≥500
5788	-	0.556	0.556	-	≥500
5844	-	0.556	0.556	-	≥500

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	1.024	1.020	-	-
5788	-	1.028	1.020	-	-
5844	-	1.028	1.020	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	0.672	0.672	-	≥500
5788	-	0.668	0.668	-	≥500
5844	-	0.668	0.668	-	≥500

Minimum 6 dB & 99% Bandwidth (continued)

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.048	2.048	-	-
5788	-	2.056	2.048	-	-
5844	-	2.056	2.048	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	1.256	1.192	-	≥500
5788	-	1.248	1.248	-	≥500
5844	-	1.248	1.256	-	≥500

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.344	2.352	-	-
5788	-	2.352	2.344	-	-
5844	-	2.344	2.344	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	1.672	1.888	-	≥500
5788	-	1.688	1.888	-	≥500
5844	-	1.872	1.888	-	≥500

Minimum 6 dB & 99% Bandwidth (continued)

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	4.680	4.680	-	-
5788	-	4.680	4.680	-	-
5844	-	4.680	4.680	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	0.570	0.570	-	≥ 500
5788	-	0.570	0.570	-	≥ 500
5844	-	0.570	0.570	-	≥ 500

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.392	2.384	-	-
5788	-	2.384	2.384	-	-
5844	-	2.384	2.384	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.112	2.112	-	≥ 500
5788	-	2.096	2.112	-	≥ 500
5844	-	2.104	2.104	-	≥ 500

Minimum 6 dB & 99% Bandwidth (continued)

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	4.755	4.740	-	-
5788	-	4.755	4.740	-	-
5844	-	4.740	4.755	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	4.080	4.095	-	≥500
5788	-	4.065	4.065	-	≥500
5844	-	4.080	4.080	-	≥500

Antenna Configuration:	Beamforming	Mode:	HDR
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	HDRPM12 (16QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	4.725	4.725	-	-
5788	-	4.725	4.725	-	-
5844	-	4.725	4.725	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	4.050	4.050	-	≥500
5788	-	4.050	4.050	-	≥500
5844	-	4.050	4.050	-	≥500

Minimum 6 dB & 99% Bandwidth (continued)

Antenna Configuration:	Beamforming	Mode:	HDR
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	HDRPL16 (OQPSK)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	9.450	9.420	-	-
5788	-	9.450	9.420	-	-
5844	-	9.450	9.420	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	6.120	6.150	-	≥500
5788	-	6.150	6.120	-	≥500
5844	-	6.150	6.150	-	≥500

Antenna Configuration:	Beamforming	Mode:	HDR
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	XHDRPL24 (16QAM)

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	9.450	9.420	-	-
5788	-	9.420	9.420	-	-
5844	-	9.420	9.420	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	4.170	4.170	-	≥500
5788	-	4.170	4.170	-	≥500
5844	-	4.170	4.170	-	≥500

Minimum 6 dB & 99% Bandwidth (continued)

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.408	2.408	-	-
5788	-	2.408	2.408	-	-
5844	-	2.408	2.408	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.128	2.128	-	≥ 500
5788	-	2.128	2.128	-	≥ 500
5844	-	2.136	2.128	-	≥ 500

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.376	2.368	-	-
5788	-	2.376	2.368	-	-
5844	-	2.368	2.368	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.136	2.144	-	≥ 500
5788	-	2.136	2.144	-	≥ 500
5844	-	2.136	2.136	-	≥ 500

Minimum 6 dB & 99% Bandwidth (continued)

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

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.368	2.368	-	-
5788	-	2.376	2.368	-	-
5844	-	2.376	2.368	-	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	1	2	3	4	
5733	-	2.144	2.136	-	≥500
5788	-	2.136	2.136	-	≥500
5844	-	2.136	2.136	-	≥500

4.3 Maximum Conducted Output Power

Test Summary:

Test Engineer:	Jerome Moyo	Test Date:	08 June 2026
Test Sample Serial Number:	KQH4V6G739		

FCC Clause:	Part 15.407(a)(3)(i)
ISED Canada Clause:	RSS-247 7.3.4.3 / RSS-Gen 6.12
Test Method Used:	ANSI C63.10 Section 12.4.3.2

Environmental Conditions:

Temperature (°C):	23
Relative Humidity (%):	51

Note(s):

1. For Beamforming modes, conducted power was measured on all ports and then combined using the measure-and-sum technique stated in ANSI C63.10 Section 14.5.1.
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 7.36 dBi. In accordance with Part 15.407(a)(3)(i) / RSS-247 7.3.4.3, the limit was reduced by the amount in dB the antenna gain exceeds 6 dBi. Therefore, the limit of 30.0 dBm has been reduced by 1.36 dB to 28.64 dBm.
4. Directional antenna gains have been calculated for the results below using the equations in section 2.4.

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			
5733	-	18.69	-	-	-	30.00	11.31	4.20
5788	-	18.66	-	-	-	30.00	11.34	4.20
5844	-	18.86	-	-	-	30.00	11.14	4.20

Maximum Conducted Output Power (continued)

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			
5733	-	18.76	-	-	-	30.00	11.24	4.20
5788	-	18.72	-	-	-	30.00	11.28	4.20
5844	-	18.93	-	-	-	30.00	11.07	4.20

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			
5733	-	18.73	-	-	-	30.00	11.27	4.20
5788	-	18.74	-	-	-	30.00	11.26	4.20
5844	-	18.95	-	-	-	30.00	11.05	4.20

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			
5733	-	12.55	-	-	-	30.00	17.45	4.20
5788	-	12.62	-	-	-	30.00	17.38	4.20
5844	-	12.86	-	-	-	30.00	17.14	4.20

Maximum Conducted Output Power (continued)

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			
5733	-	12.51	-	-	-	30.00	17.49	4.20
5788	-	12.56	-	-	-	30.00	17.44	4.20
5844	-	12.80	-	-	-	30.00	17.20	4.20

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			
5733	-	12.96	-	-	-	30.00	17.04	4.20
5788	-	12.98	-	-	-	30.00	17.02	4.20
5844	-	12.78	-	-	-	30.00	17.22	4.20

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			
5733	-	12.96	-	-	-	30.00	17.04	4.20
5788	-	13.00	-	-	-	30.00	17.00	4.20
5844	-	12.81	-	-	-	30.00	17.19	4.20

Maximum Conducted Output Power (continued)

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	HDRPM12 (16QAM)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	10.84	-	-	-	30.00	19.16	4.20
5788	-	10.92	-	-	-	30.00	19.08	4.20
5844	-	10.71	-	-	-	30.00	19.29	4.20

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	HDRPL16 (OQPSK)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	12.77	-	-	-	30.00	17.23	4.20
5788	-	12.80	-	-	-	30.00	17.20	4.20
5844	-	12.63	-	-	-	30.00	17.37	4.20

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	XHDRPL24 (16QAM)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	10.90	-	-	-	30.00	19.10	4.20
5788	-	11.00	-	-	-	30.00	19.00	4.20
5844	-	10.79	-	-	-	30.00	19.21	4.20

Maximum Conducted Output Power (continued)

Antenna Configuration:	SISO	Mode:	HDR
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			
5733	-	12.96	-	-	-	30.00	17.04	4.20
5788	-	12.97	-	-	-	30.00	17.03	4.20
5844	-	12.97	-	-	-	30.00	17.03	4.20

Antenna Configuration:	SISO	Mode:	HDR
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			
5733	-	12.70	-	-	-	30.00	17.30	4.20
5788	-	12.79	-	-	-	30.00	17.21	4.20
5844	-	12.56	-	-	-	30.00	17.44	4.20

Antenna Configuration:	SISO	Mode:	HDR
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			
5733	-	10.75	-	-	-	30.00	19.25	4.20
5788	-	10.87	-	-	-	30.00	19.13	4.20
5844	-	10.63	-	-	-	30.00	19.37	4.20

Maximum Conducted Output Power (continued)**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			
5733	-	-	18.98	-	-	30.00	11.02	4.50
5788	-	-	18.87	-	-	30.00	11.13	4.50
5844	-	-	18.58	-	-	30.00	11.42	4.50

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			
5733	-	-	18.54	-	-	30.00	11.46	4.50
5788	-	-	18.97	-	-	30.00	11.03	4.50
5844	-	-	18.67	-	-	30.00	11.33	4.50

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			
5733	-	-	18.51	-	-	30.00	11.49	4.50
5788	-	-	18.95	-	-	30.00	11.05	4.50
5844	-	-	18.65	-	-	30.00	11.35	4.50

Maximum Conducted Output Power (continued)

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			
5733	-	-	12.92	-	-	30.00	17.08	4.50
5788	-	-	12.83	-	-	30.00	17.17	4.50
5844	-	-	12.87	-	-	30.00	17.13	4.50

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			
5733	-	-	12.89	-	-	30.00	17.11	4.50
5788	-	-	12.99	-	-	30.00	17.01	4.50
5844	-	-	12.74	-	-	30.00	17.26	4.50

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			
5733	-	-	12.58	-	-	30.00	17.42	4.50
5788	-	-	12.98	-	-	30.00	17.02	4.50
5844	-	-	12.74	-	-	30.00	17.26	4.50

Maximum Conducted Output Power (continued)

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			
5733	-	-	12.91	-	-	30.00	17.09	4.50
5788	-	-	12.81	-	-	30.00	17.19	4.50
5844	-	-	12.84	-	-	30.00	17.16	4.50

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	HDRPM12 (16QAM)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	10.51	-	-	30.00	19.49	4.50
5788	-	-	10.96	-	-	30.00	19.04	4.50
5844	-	-	10.69	-	-	30.00	19.31	4.50

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	HDRPL16 (OQPSK)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	12.91	-	-	30.00	17.09	4.50
5788	-	-	12.81	-	-	30.00	17.19	4.50
5844	-	-	12.54	-	-	30.00	17.46	4.50

Maximum Conducted Output Power (continued)

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	XHDRPL24 (16QAM)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	10.63	-	-	30.00	19.37	4.50
5788	-	-	10.84	-	-	30.00	19.16	4.50
5844	-	-	10.81	-	-	30.00	19.19	4.50

Antenna Configuration:	SISO	Mode:	HDR
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			
5733	-	-	12.82	-	-	30.00	17.18	4.50
5788	-	-	12.74	-	-	30.00	17.26	4.50
5844	-	-	12.76	-	-	30.00	17.24	4.50

Antenna Configuration:	SISO	Mode:	HDR
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			
5733	-	-	12.82	-	-	30.00	17.18	4.50
5788	-	-	12.96	-	-	30.00	17.04	4.50
5844	-	-	12.50	-	-	30.00	17.50	4.50

Maximum Conducted Output Power (continued)

Antenna Configuration:	SISO	Mode:	HDR
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			
5733	-	-	10.95	-	-	30.00	19.05	4.50
5788	-	-	10.85	-	-	30.00	19.15	4.50
5844	-	-	10.60	-	-	30.00	19.40	4.50

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			
5733	-	6.75	-	-	-	30.00	23.25	4.20
5788	-	6.68	-	-	-	30.00	23.32	4.20
5844	-	6.65	-	-	-	30.00	23.35	4.20

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			
5733	-	6.67	-	-	-	30.00	23.33	4.20
5788	-	6.70	-	-	-	30.00	23.30	4.20
5844	-	6.67	-	-	-	30.00	23.33	4.20

Maximum Conducted Output Power (continued)

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			
5733	-	6.77	-	-	-	30.00	23.23	4.20
5788	-	6.72	-	-	-	30.00	23.28	4.20
5844	-	6.67	-	-	-	30.00	23.33	4.20

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			
5733	-	3.76	-	-	-	30.00	26.24	4.20
5788	-	3.79	-	-	-	30.00	26.21	4.20
5844	-	3.69	-	-	-	30.00	26.31	4.20

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			
5733	-	3.91	-	-	-	30.00	26.09	4.20
5788	-	3.80	-	-	-	30.00	26.20	4.20
5844	-	3.65	-	-	-	30.00	26.35	4.20

Maximum Conducted Output Power (continued)

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			
5733	-	3.89	-	-	-	30.00	26.11	4.20
5788	-	3.76	-	-	-	30.00	26.24	4.20
5844	-	3.61	-	-	-	30.00	26.39	4.20

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			
5733	-	3.87	-	-	-	30.00	26.13	4.20
5788	-	3.75	-	-	-	30.00	26.25	4.20
5844	-	3.59	-	-	-	30.00	26.41	4.20

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	HDRPM12 (16QAM)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	0.97	-	-	-	30.00	29.03	4.20
5788	-	0.79	-	-	-	30.00	29.21	4.20
5844	-	0.59	-	-	-	30.00	29.41	4.20

Maximum Conducted Output Power (continued)

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	HDRPL16 (OQPSK)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	3.78	-	-	-	30.00	26.22	4.20
5788	-	3.65	-	-	-	30.00	26.35	4.20
5844	-	3.99	-	-	-	30.00	26.01	4.20

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	XHDRPL24 (16QAM)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	0.87	-	-	-	30.00	29.13	4.20
5788	-	0.67	-	-	-	30.00	29.33	4.20
5844	-	0.72	-	-	-	30.00	29.28	4.20

Antenna Configuration:	SISO	Mode:	HDR
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			
5733	-	3.88	-	-	-	30.00	26.12	4.20
5788	-	3.77	-	-	-	30.00	26.23	4.20
5844	-	3.62	-	-	-	30.00	26.38	4.20

Maximum Conducted Output Power (continued)

Antenna Configuration:	SISO	Mode:	HDR
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			
5733	-	3.88	-	-	-	30.00	26.12	4.20
5788	-	3.77	-	-	-	30.00	26.23	4.20
5844	-	3.63	-	-	-	30.00	26.37	4.20

Antenna Configuration:	SISO	Mode:	HDR
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			
5733	-	0.92	-	-	-	30.00	29.08	4.20
5788	-	0.72	-	-	-	30.00	29.28	4.20
5844	-	0.54	-	-	-	30.00	29.46	4.20

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			
5733	-	-	6.63	-	-	30.00	23.37	4.50
5788	-	-	6.78	-	-	30.00	23.22	4.50
5844	-	-	6.51	-	-	30.00	23.49	4.50

Maximum Conducted Output Power (continued)

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			
5733	-	-	6.65	-	-	30.00	23.35	4.50
5788	-	-	6.79	-	-	30.00	23.21	4.50
5844	-	-	6.51	-	-	30.00	23.49	4.50

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			
5733	-	-	6.65	-	-	30.00	23.35	4.50
5788	-	-	6.82	-	-	30.00	23.18	4.50
5844	-	-	6.55	-	-	30.00	23.45	4.50

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			
5733	-	-	3.84	-	-	30.00	26.16	4.50
5788	-	-	3.89	-	-	30.00	26.11	4.50
5844	-	-	3.54	-	-	30.00	26.46	4.50

Maximum Conducted Output Power (continued)

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			
5733	-	-	3.80	-	-	30.00	26.20	4.50
5788	-	-	3.86	-	-	30.00	26.14	4.50
5844	-	-	3.50	-	-	30.00	26.50	4.50

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			
5733	-	-	3.83	-	-	30.00	26.17	4.50
5788	-	-	3.87	-	-	30.00	26.13	4.50
5844	-	-	3.52	-	-	30.00	26.48	4.50

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			
5733	-	-	3.79	-	-	30.00	26.21	4.50
5788	-	-	3.55	-	-	30.00	26.45	4.50
5844	-	-	3.99	-	-	30.00	26.01	4.50

Maximum Conducted Output Power (continued)

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	HDRPM12 (16QAM)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	0.71	-	-	30.00	29.29	4.50
5788	-	-	0.53	-	-	30.00	29.47	4.50
5844	-	-	0.69	-	-	30.00	29.31	4.50

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	HDRPL16 (OQPSK)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	3.93	-	-	30.00	26.07	4.50
5788	-	-	4.00	-	-	30.00	26.00	4.50
5844	-	-	3.87	-	-	30.00	26.13	4.50

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	XHDRPL24 (16QAM)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	0.63	-	-	30.00	29.37	4.50
5788	-	-	0.91	-	-	30.00	29.09	4.50
5844	-	-	0.89	-	-	30.00	29.11	4.50

Maximum Conducted Output Power (continued)

Antenna Configuration:	SISO	Mode:	HDR
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			
5733	-	-	3.73	-	-	30.00	26.27	4.50
5788	-	-	3.81	-	-	30.00	26.19	4.50
5844	-	-	3.97	-	-	30.00	26.03	4.50

Antenna Configuration:	SISO	Mode:	HDR
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			
5733	-	-	3.74	-	-	30.00	26.26	4.50
5788	-	-	3.80	-	-	30.00	26.20	4.50
5844	-	-	3.97	-	-	30.00	26.03	4.50

Antenna Configuration:	SISO	Mode:	HDR
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			
5733	-	-	0.65	-	-	30.00	29.35	4.50
5788	-	-	0.69	-	-	30.00	29.31	4.50
5844	-	-	0.65	-	-	30.00	29.35	4.50

Maximum Conducted Output Power (continued)**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			
5733	-	18.66	18.93	-	21.81	28.64	6.83	7.36
5788	-	18.58	18.80	-	21.70	28.64	6.93	7.36
5844	-	18.81	18.51	-	21.67	28.64	6.97	7.36

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			
5733	-	18.71	18.78	-	21.75	28.64	6.89	7.36
5788	-	18.53	18.91	-	21.73	28.64	6.91	7.36
5844	-	18.95	18.94	-	21.95	28.64	6.69	7.36

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			
5733	-	18.69	18.75	-	21.73	28.64	6.91	7.36
5788	-	18.70	18.89	-	21.81	28.64	6.83	7.36
5844	-	18.90	18.59	-	21.76	28.64	6.88	7.36

Maximum Conducted Output Power (continued)

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			
5733	-	12.54	12.85	-	15.71	28.64	12.93	7.36
5788	-	12.59	13.00	-	15.81	28.64	12.83	7.36
5844	-	12.80	12.79	-	15.81	28.64	12.83	7.36

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			
5733	-	12.93	12.82	-	15.89	28.64	12.75	7.36
5788	-	12.55	12.96	-	15.77	28.64	12.87	7.36
5844	-	12.98	13.00	-	16.00	28.64	12.64	7.36

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			
5733	-	12.66	12.50	-	15.59	28.64	13.05	7.36
5788	-	12.72	12.95	-	15.85	28.64	12.79	7.36
5844	-	12.59	12.53	-	15.57	28.64	13.07	7.36

Maximum Conducted Output Power (continued)

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			
5733	-	12.96	12.88	-	15.93	28.64	12.71	7.36
5788	-	12.79	12.76	-	15.79	28.64	12.85	7.36
5844	-	12.81	12.99	-	15.91	28.64	12.72	7.36

Antenna Configuration:	Beamforming	Mode:	HDR
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	HDRPM12 (16QAM)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	10.54	11.00	-	13.79	28.64	14.85	7.36
5788	-	10.72	10.91	-	13.83	28.64	14.81	7.36
5844	-	10.61	10.90	-	13.77	28.64	14.87	7.36

Antenna Configuration:	Beamforming	Mode:	HDR
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	HDRPL16 (OQPSK)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	12.95	12.90	-	15.93	28.64	12.71	7.36
5788	-	12.52	12.79	-	15.67	28.64	12.97	7.36
5844	-	12.87	12.94	-	15.92	28.64	12.72	7.36

Maximum Conducted Output Power (continued)

Antenna Configuration:	Beamforming	Mode:	HDR
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	XHDRPL24 (16QAM)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	10.56	10.52	-	13.55	28.64	15.09	7.36
5788	-	10.75	10.97	-	13.87	28.64	14.77	7.36
5844	-	10.64	10.56	-	13.61	28.64	15.03	7.36

Antenna Configuration:	Beamforming	Mode:	HDR
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			
5733	-	12.82	12.82	-	15.83	28.64	12.81	7.36
5788	-	12.80	12.70	-	15.76	28.64	12.87	7.36
5844	-	12.54	12.60	-	15.58	28.64	13.06	7.36

Antenna Configuration:	Beamforming	Mode:	HDR
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			
5733	-	12.68	12.80	-	15.75	28.64	12.89	7.36
5788	-	12.77	12.94	-	15.87	28.64	12.77	7.36
5844	-	12.51	12.96	-	15.75	28.64	12.88	7.36

Maximum Conducted Output Power (continued)

Antenna Configuration:	Beamforming	Mode:	HDR
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			
5733	-	10.76	10.93	-	13.85	28.64	14.79	7.36
5788	-	10.83	10.84	-	13.85	28.64	14.79	7.36
5844	-	10.61	10.56	-	13.60	28.64	15.04	7.36

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			
5733	-	6.70	6.53	-	9.63	28.64	19.01	7.36
5788	-	6.65	6.95	-	9.81	28.64	18.83	7.36
5844	-	6.61	6.91	-	9.78	28.64	18.86	7.36

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			
5733	-	6.73	6.55	-	9.65	28.64	18.99	7.36
5788	-	6.66	6.96	-	9.83	28.64	18.81	7.36
5844	-	6.62	6.92	-	9.78	28.64	18.86	7.36

Maximum Conducted Output Power (continued)

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			
5733	-	6.73	6.58	-	9.67	28.64	18.97	7.36
5788	-	6.68	6.98	-	9.85	28.64	18.79	7.36
5844	-	6.64	6.94	-	9.80	28.64	18.84	7.36

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			
5733	-	3.90	3.73	-	6.83	28.64	21.81	7.36
5788	-	3.77	3.79	-	6.79	28.64	21.85	7.36
5844	-	3.62	3.96	-	6.81	28.64	21.83	7.36

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			
5733	-	3.86	3.98	-	6.93	28.64	21.70	7.36
5788	-	3.75	3.75	-	6.76	28.64	21.88	7.36
5844	-	3.59	3.90	-	6.76	28.64	21.88	7.36

Maximum Conducted Output Power (continued)

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			
5733	-	3.84	3.99	-	6.93	28.64	21.71	7.36
5788	-	3.71	3.75	-	6.74	28.64	21.90	7.36
5844	-	3.55	3.92	-	6.75	28.64	21.89	7.36

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			
5733	-	3.82	3.98	-	6.91	28.64	21.73	7.36
5788	-	3.69	3.99	-	6.85	28.64	21.79	7.36
5844	-	3.52	3.88	-	6.71	28.64	21.93	7.36

Antenna Configuration:	Beamforming	Mode:	HDR
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	HDRPM12 (16QAM)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	0.90	0.60	-	3.76	28.64	24.88	7.36
5788	-	0.71	0.62	-	3.67	28.64	24.96	7.36
5844	-	0.52	0.58	-	3.56	28.64	25.08	7.36

Maximum Conducted Output Power (continued)

Antenna Configuration:	Beamforming	Mode:	HDR
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	HDRPL16 (OQPSK)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	3.73	3.83	-	6.79	28.64	21.85	7.36
5788	-	3.58	3.87	-	6.74	28.64	21.90	7.36
5844	-	3.92	3.75	-	6.85	28.64	21.79	7.36

Antenna Configuration:	Beamforming	Mode:	HDR
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	XHDRPL24 (16QAM)

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	0.78	0.53	-	3.66	28.64	24.98	7.36
5788	-	0.60	0.55	-	3.59	28.64	25.05	7.36
5844	-	0.64	0.52	-	3.59	28.64	25.05	7.36

Antenna Configuration:	Beamforming	Mode:	HDR
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			
5733	-	3.82	3.93	-	6.89	28.64	21.75	7.36
5788	-	3.71	3.96	-	6.85	28.64	21.79	7.36
5844	-	3.55	3.87	-	6.72	28.64	21.92	7.36

Maximum Conducted Output Power (continued)

Antenna Configuration:	Beamforming	Mode:	HDR
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			
5733	-	3.82	3.93	-	6.89	28.64	21.75	7.36
5788	-	3.72	3.96	-	6.85	28.64	21.79	7.36
5844	-	3.55	3.86	-	6.72	28.64	21.92	7.36

Antenna Configuration:	Beamforming	Mode:	HDR
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			
5733	-	0.83	0.56	-	3.71	28.64	24.93	7.36
5788	-	0.65	0.58	-	3.63	28.64	25.01	7.36
5844	-	0.72	0.55	-	3.64	28.64	24.99	7.36

4.4 Maximum Power Spectral Density

Test Summary:

Test Engineer:	Jerome Moyo	Test Date:	08 June 2026
Test Sample Serial Number:	KQH4V6G739		

FCC Clause:	Part 15.407(a)(3)(i)
ISED Canada Clause:	RSS-247 7.3.4.3 / RSS-Gen 6.12
Test Method Used:	ANSI C63.10 Section 12.6. referencing Section 12.4.2.4

Environmental Conditions:

Temperature (°C):	23
Relative Humidity (%):	51

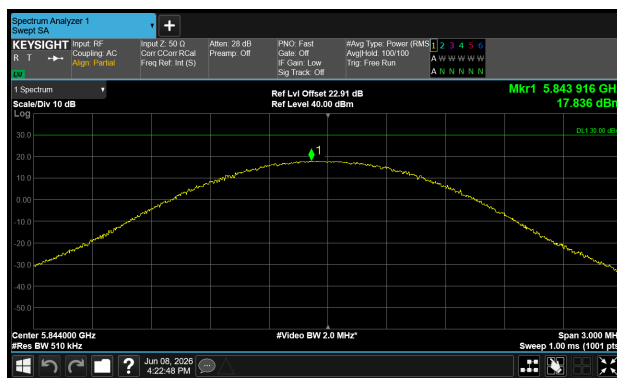
Note(s):

1. For data rates where the EUT was transmitting at <98% duty cycle, the calculated duty cycle in Section 4.1 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 14.5.2.3.
3. For SISO, 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 7.36 dBi. In accordance with Part 15.407(a)(3)(i) / RSS-247 7.3.4.3, the limit was reduced by the amount in dB the antenna gain exceeds 6 dBi. Therefore, the limit of 30.0 dBm/500 kHz has been reduced by 1.36 dB to 28.64 dBm/500 kHz.
5. Directional antenna gains have been calculated for the results below using the equations in the section 2.4.

Maximum Power Spectral Density (continued)**Results: SISO / ePA / Core 0**

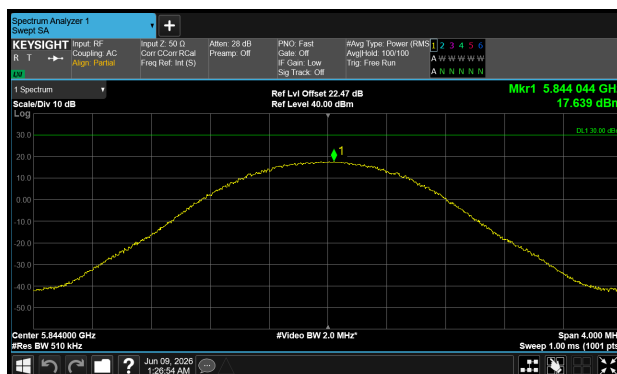
Antenna Configuration:	SISO	Mode:	BDR
Test Port:	2 (Core 0)	Rate/Modulation:	DH5 (GFSK)

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	17.08	-	-	-	30.00	12.92	4.20
5788	-	17.79	-	-	-	30.00	12.21	4.20
5844	-	17.84	-	-	-	30.00	12.16	4.20



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

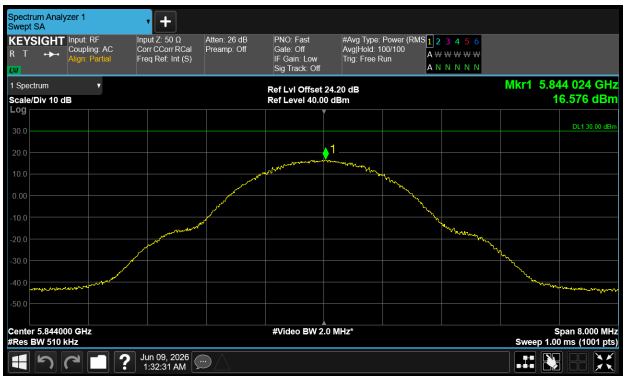
Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	16.81	-	-	-	30.00	13.19	4.20
5788	-	17.08	-	-	-	30.00	12.92	4.20
5844	-	17.64	-	-	-	30.00	12.36	4.20



Maximum Power Spectral Density (continued)

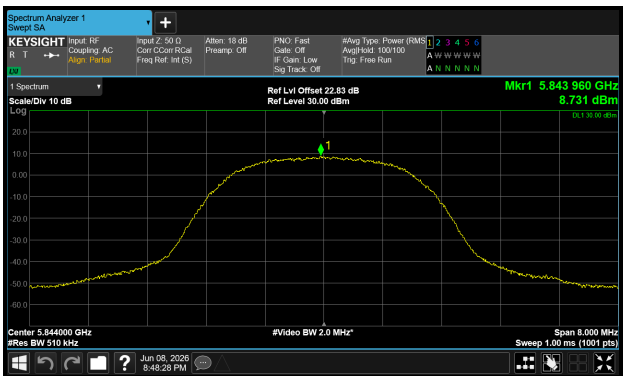
Antenna Configuration:	SISO	Mode:	LE
Test Port:	2 (Core 0)	Rate/Modulation:	LE 2M (GFSK)

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	15.49	-	-	-	30.00	14.51	4.20
5788	-	15.66	-	-	-	30.00	14.34	4.20
5844	-	16.58	-	-	-	30.00	13.42	4.20



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

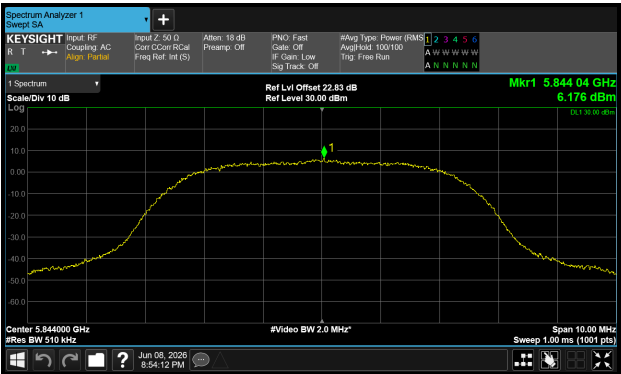
Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	7.21	-	-	-	30.00	22.79	4.20
5788	-	7.37	-	-	-	30.00	22.63	4.20
5844	-	8.73	-	-	-	30.00	21.27	4.20



Maximum Power Spectral Density (continued)

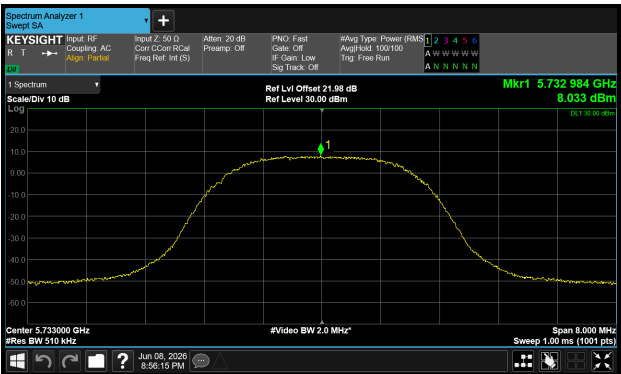
Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	8DH5 ($\pi/4$ -DQPSK)

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	4.99	-	-	-	30.00	25.01	4.20
5788	-	5.28	-	-	-	30.00	24.72	4.20
5844	-	6.18	-	-	-	30.00	23.82	4.20



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

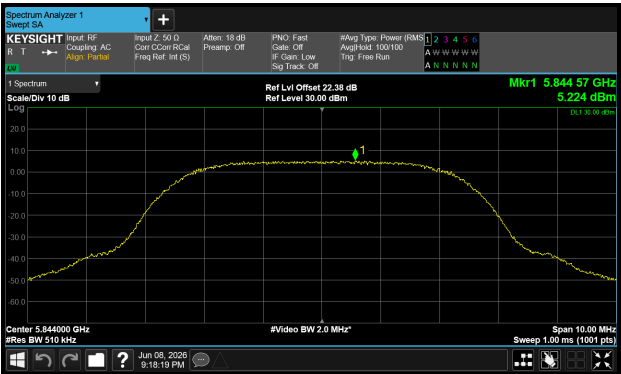
Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	8.03	-	-	-	30.00	21.97	4.20
5788	-	7.80	-	-	-	30.00	22.20	4.20
5844	-	7.84	-	-	-	30.00	22.16	4.20



Maximum Power Spectral Density (continued)

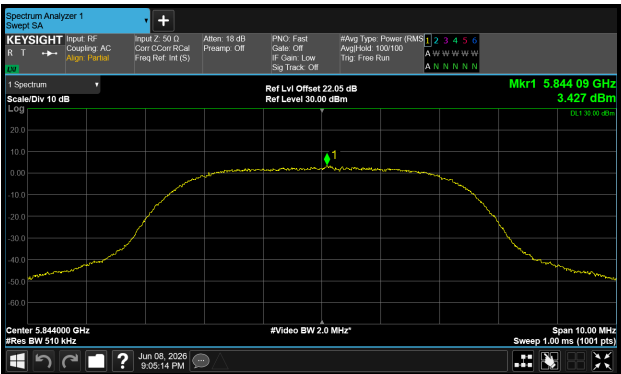
Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	XHDRPM6 (OQPSK)

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	4.42	-	-	-	30.00	25.58	4.20
5788	-	4.67	-	-	-	30.00	25.33	4.20
5844	-	5.22	-	-	-	30.00	24.78	4.20



Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	HDRPM12 (16QAM)

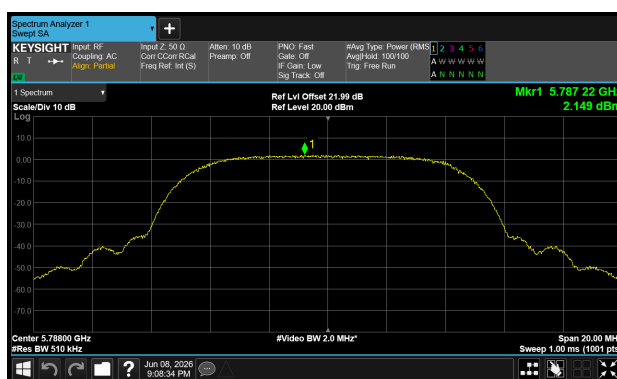
Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	3.24	-	-	-	30.00	26.76	4.20
5788	-	3.01	-	-	-	30.00	26.99	4.20
5844	-	3.43	-	-	-	30.00	26.57	4.20



Maximum Power Spectral Density (continued)

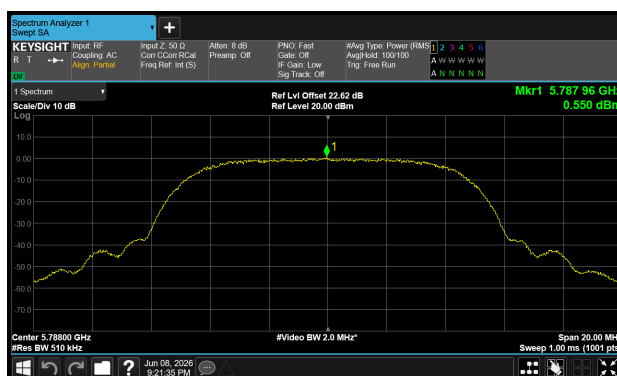
Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	HDRPL16 (OQPSK)

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	2.01	-	-	-	30.00	27.99	4.20
5788	-	2.15	-	-	-	30.00	27.85	4.20
5844	-	2.13	-	-	-	30.00	27.87	4.20



Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	XHDRPL24 (16QAM)

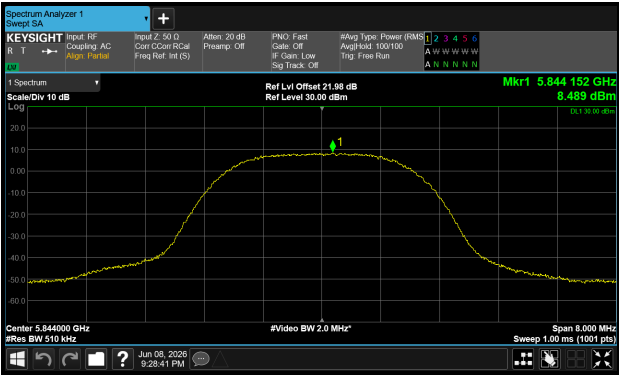
Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	0.25	-	-	-	30.00	29.75	4.20
5788	-	0.55	-	-	-	30.00	29.45	4.20
5844	-	0.50	-	-	-	30.00	29.50	4.20



Maximum Power Spectral Density (continued)

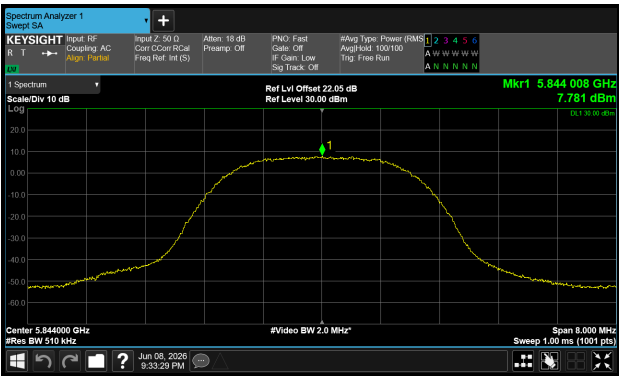
Antenna Configuration:	SISO	Mode:	HDT
Test Port:	2 (Core 0)	Rate/Modulation:	HDT3 (π/4-QPSK)

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	7.90	-	-	-	30.00	22.10	4.20
5788	-	7.90	-	-	-	30.00	22.10	4.20
5844	-	8.49	-	-	-	30.00	21.51	4.20



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

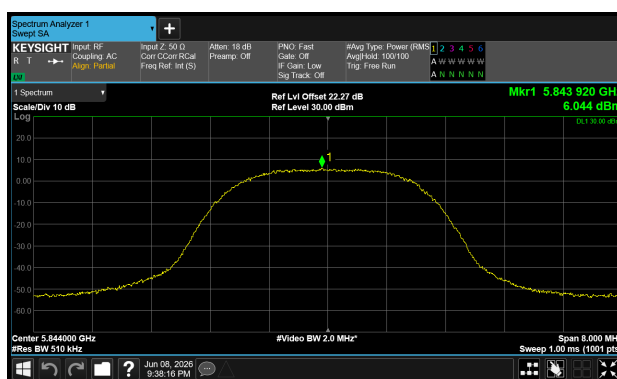
Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	7.47	-	-	-	30.00	22.53	4.20
5788	-	7.64	-	-	-	30.00	22.36	4.20
5844	-	7.78	-	-	-	30.00	22.22	4.20



Maximum Power Spectral Density (continued)

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	5.85	-	-	-	30.00	24.15	4.20
5788	-	5.73	-	-	-	30.00	24.27	4.20
5844	-	6.04	-	-	-	30.00	23.96	4.20

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

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	17.88	-	-	30.00	12.12	4.50
5788	-	-	17.85	-	-	30.00	12.15	4.50
5844	-	-	17.67	-	-	30.00	12.33	4.50

Maximum Power Spectral Density (continued)

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	17.02	-	-	30.00	12.98	4.50
5788	-	-	17.73	-	-	30.00	12.27	4.50
5844	-	-	17.42	-	-	30.00	12.58	4.50

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	15.99	-	-	30.00	14.01	4.50
5788	-	-	15.31	-	-	30.00	14.69	4.50
5844	-	-	15.84	-	-	30.00	14.16	4.50

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	7.96	-	-	30.00	22.04	4.50
5788	-	-	8.07	-	-	30.00	21.93	4.50
5844	-	-	8.12	-	-	30.00	21.88	4.50

Maximum Power Spectral Density (continued)

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	5.30	-	-	30.00	24.70	4.50
5788	-	-	6.02	-	-	30.00	23.98	4.50
5844	-	-	5.68	-	-	30.00	24.32	4.50

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	7.09	-	-	30.00	22.91	4.50
5788	-	-	7.73	-	-	30.00	22.27	4.50
5844	-	-	7.53	-	-	30.00	22.47	4.50

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	4.94	-	-	30.00	25.06	4.50
5788	-	-	4.53	-	-	30.00	25.47	4.50
5844	-	-	4.71	-	-	30.00	25.29	4.50

Maximum Power Spectral Density (continued)

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	HDRPM12 (16QAM)

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	2.82	-	-	30.00	27.18	4.50
5788	-	-	2.98	-	-	30.00	27.02	4.50
5844	-	-	3.07	-	-	30.00	26.93	4.50

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	HDRPL16 (OQPSK)

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	2.13	-	-	30.00	27.87	4.50
5788	-	-	2.30	-	-	30.00	27.70	4.50
5844	-	-	2.17	-	-	30.00	27.83	4.50

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	XHDRPL24 (16QAM)

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	-0.24	-	-	30.00	30.24	4.50
5788	-	-	0.71	-	-	30.00	29.29	4.50
5844	-	-	0.30	-	-	30.00	29.70	4.50

Maximum Power Spectral Density (continued)

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	7.65	-	-	30.00	22.35	4.50
5788	-	-	7.57	-	-	30.00	22.43	4.50
5844	-	-	8.18	-	-	30.00	21.82	4.50

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	7.39	-	-	30.00	22.61	4.50
5788	-	-	7.75	-	-	30.00	22.25	4.50
5844	-	-	7.37	-	-	30.00	22.63	4.50

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	5.40	-	-	30.00	24.60	4.50
5788	-	-	5.79	-	-	30.00	24.21	4.50
5844	-	-	5.60	-	-	30.00	24.40	4.50

Maximum Power Spectral Density (continued)**Results: SISO / iPA / Core 0**

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	5.25	-	-	-	30.00	24.75	4.20
5788	-	5.69	-	-	-	30.00	24.31	4.20
5844	-	5.73	-	-	-	30.00	24.27	4.20

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	5.36	-	-	-	30.00	24.64	4.20
5788	-	5.06	-	-	-	30.00	24.94	4.20
5844	-	5.44	-	-	-	30.00	24.56	4.20

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	3.44	-	-	-	30.00	26.56	4.20
5788	-	3.62	-	-	-	30.00	26.38	4.20
5844	-	4.79	-	-	-	30.00	25.21	4.20

Maximum Power Spectral Density (continued)

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-0.77	-	-	-	30.00	30.77	4.20
5788	-	-0.60	-	-	-	30.00	30.60	4.20
5844	-	-0.85	-	-	-	30.00	30.85	4.20

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-2.79	-	-	-	30.00	32.79	4.20
5788	-	-2.73	-	-	-	30.00	32.73	4.20
5844	-	-3.42	-	-	-	30.00	33.42	4.20

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-1.60	-	-	-	30.00	31.60	4.20
5788	-	-1.40	-	-	-	30.00	31.40	4.20
5844	-	-1.08	-	-	-	30.00	31.08	4.20

Maximum Power Spectral Density (continued)

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-3.77	-	-	-	30.00	33.77	4.20
5788	-	-3.96	-	-	-	30.00	33.96	4.20
5844	-	-4.09	-	-	-	30.00	34.09	4.20

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	HDRPM12 (16QAM)

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-6.92	-	-	-	30.00	36.92	4.20
5788	-	-6.50	-	-	-	30.00	36.50	4.20
5844	-	-7.09	-	-	-	30.00	37.09	4.20

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	HDRPL16 (OQPSK)

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-6.64	-	-	-	30.00	36.64	4.20
5788	-	-6.88	-	-	-	30.00	36.88	4.20
5844	-	-6.47	-	-	-	30.00	36.47	4.20

Maximum Power Spectral Density (continued)

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	2 (Core 0)	Rate/Modulation:	XHDRPL24 (16QAM)

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-9.89	-	-	-	30.00	39.89	4.20
5788	-	-9.56	-	-	-	30.00	39.56	4.20
5844	-	-9.94	-	-	-	30.00	39.94	4.20

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-0.94	-	-	-	30.00	30.94	4.20
5788	-	-1.28	-	-	-	30.00	31.28	4.20
5844	-	-1.15	-	-	-	30.00	31.15	4.20

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-1.45	-	-	-	30.00	31.45	4.20
5788	-	-1.12	-	-	-	30.00	31.12	4.20
5844	-	-1.30	-	-	-	30.00	31.30	4.20

Maximum Power Spectral Density (continued)

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-4.10	-	-	-	30.00	34.10	4.20
5788	-	-4.10	-	-	-	30.00	34.10	4.20
5844	-	-4.17	-	-	-	30.00	34.17	4.20

Results: SISO / iPA / Core 1

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	5.64	-	-	30.00	24.36	4.50
5788	-	-	5.94	-	-	30.00	24.06	4.50
5844	-	-	5.32	-	-	30.00	24.68	4.50

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	5.10	-	-	30.00	24.90	4.50
5788	-	-	5.62	-	-	30.00	24.38	4.50
5844	-	-	5.18	-	-	30.00	24.82	4.50

Maximum Power Spectral Density (continued)

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	3.06	-	-	30.00	26.94	4.50
5788	-	-	3.89	-	-	30.00	26.11	4.50
5844	-	-	3.73	-	-	30.00	26.27	4.50

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	-1.13	-	-	30.00	31.13	4.50
5788	-	-	-0.95	-	-	30.00	30.95	4.50
5844	-	-	-1.42	-	-	30.00	31.42	4.50

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	-3.89	-	-	30.00	33.89	4.50
5788	-	-	-3.11	-	-	30.00	33.11	4.50
5844	-	-	-3.49	-	-	30.00	33.49	4.50

Maximum Power Spectral Density (continued)

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	-1.19	-	-	30.00	31.19	4.50
5788	-	-	-1.23	-	-	30.00	31.23	4.50
5844	-	-	-1.32	-	-	30.00	31.32	4.50

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	-3.93	-	-	30.00	33.93	4.50
5788	-	-	-3.96	-	-	30.00	33.96	4.50
5844	-	-	-3.33	-	-	30.00	33.33	4.50

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	HDRPM12 (16QAM)

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	-6.95	-	-	30.00	36.95	4.50
5788	-	-	-7.20	-	-	30.00	37.20	4.50
5844	-	-	-7.07	-	-	30.00	37.07	4.50

Maximum Power Spectral Density (continued)

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	HDRPL16 (OQPSK)

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	-6.82	-	-	30.00	36.82	4.50
5788	-	-	-6.37	-	-	30.00	36.37	4.50
5844	-	-	-6.50	-	-	30.00	36.50	4.50

Antenna Configuration:	SISO	Mode:	HDR
Test Port:	3 (Core 1)	Rate/Modulation:	XHDRPL24 (16QAM)

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	-9.89	-	-	30.00	39.89	4.50
5788	-	-	-9.29	-	-	30.00	39.29	4.50
5844	-	-	-9.54	-	-	30.00	39.54	4.50

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	-1.37	-	-	30.00	31.37	4.50
5788	-	-	-1.12	-	-	30.00	31.12	4.50
5844	-	-	-0.90	-	-	30.00	30.90	4.50

Maximum Power Spectral Density (continued)

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	-1.36	-	-	30.00	31.36	4.50
5788	-	-	-0.95	-	-	30.00	30.95	4.50
5844	-	-	-0.98	-	-	30.00	30.98	4.50

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-	-4.34	-	-	30.00	34.34	4.50
5788	-	-	-4.13	-	-	30.00	34.13	4.50
5844	-	-	-4.15	-	-	30.00	34.15	4.50

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 / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	17.61	17.54	-	20.58	28.64	8.06	7.36
5788	-	17.63	17.91	-	20.78	28.64	7.86	7.36
5844	-	17.80	17.89	-	20.86	28.64	7.78	7.36

Maximum Power Spectral Density (continued)

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	16.66	17.07	-	19.88	28.64	8.76	7.36
5788	-	17.07	17.54	-	20.32	28.64	8.32	7.36
5844	-	17.54	17.37	-	20.47	28.64	8.17	7.36

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	15.12	15.86	-	18.52	28.64	10.12	7.36
5788	-	16.37	15.89	-	19.15	28.64	9.49	7.36
5844	-	16.57	15.60	-	19.13	28.64	9.51	7.36

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	7.84	7.89	-	10.87	28.64	17.77	7.36
5788	-	7.88	8.01	-	10.96	28.64	17.68	7.36
5844	-	8.11	8.50	-	11.32	28.64	17.32	7.36

Maximum Power Spectral Density (continued)

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	5.13	4.94	-	8.05	28.64	20.59	7.36
5788	-	5.33	5.71	-	8.54	28.64	20.10	7.36
5844	-	5.86	5.78	-	8.83	28.64	19.81	7.36

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	7.52	7.08	-	10.32	28.64	18.32	7.36
5788	-	7.73	7.85	-	10.80	28.64	17.84	7.36
5844	-	7.78	7.52	-	10.66	28.64	17.98	7.36

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	4.96	4.97	-	7.97	28.64	20.67	7.36
5788	-	5.15	4.98	-	8.07	28.64	20.56	7.36
5844	-	5.18	5.46	-	8.33	28.64	20.30	7.36

Maximum Power Spectral Density (continued)

Antenna Configuration:	Beamforming	Mode:	HDR
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	HDRPM12 (16QAM)

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	3.07	2.89	-	5.99	28.64	22.65	7.36
5788	-	3.09	3.01	-	6.06	28.64	22.58	7.36
5844	-	3.00	3.45	-	6.24	28.64	22.40	7.36

Antenna Configuration:	Beamforming	Mode:	HDR
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	HDRPL16 (OQPSK)

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	2.22	1.91	-	5.08	28.64	23.56	7.36
5788	-	2.44	2.34	-	5.40	28.64	23.23	7.36
5844	-	2.65	2.27	-	5.48	28.64	23.16	7.36

Antenna Configuration:	Beamforming	Mode:	HDR
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	XHDRPL24 (16QAM)

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-0.33	-0.32	-	2.69	28.64	25.95	7.36
5788	-	0.21	0.70	-	3.47	28.64	25.17	7.36
5844	-	0.24	0.14	-	3.20	28.64	25.44	7.36

Maximum Power Spectral Density (continued)

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	7.79	7.77	-	10.79	28.64	17.85	7.36
5788	-	7.73	7.65	-	10.70	28.64	17.94	7.36
5844	-	7.87	7.85	-	10.87	28.64	17.77	7.36

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	7.59	7.25	-	10.43	28.64	18.21	7.36
5788	-	7.46	7.99	-	10.74	28.64	17.90	7.36
5844	-	7.47	7.83	-	10.66	28.64	17.97	7.36

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	5.63	5.77	-	8.71	28.64	19.92	7.36
5788	-	5.78	5.90	-	8.85	28.64	19.79	7.36
5844	-	5.77	5.76	-	8.77	28.64	19.86	7.36

Maximum Power Spectral Density (continued)**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 / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	5.16	5.34	-	8.26	28.64	20.38	7.36
5788	-	5.42	5.82	-	8.64	28.64	20.00	7.36
5844	-	5.77	6.14	-	8.97	28.64	19.67	7.36

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	5.02	4.89	-	7.96	28.64	20.67	7.36
5788	-	5.30	5.72	-	8.52	28.64	20.11	7.36
5844	-	5.49	5.53	-	8.52	28.64	20.12	7.36

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	3.77	3.15	-	6.48	28.64	22.16	7.36
5788	-	3.49	4.22	-	6.88	28.64	21.76	7.36
5844	-	3.95	4.00	-	6.99	28.64	21.65	7.36

Maximum Power Spectral Density (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 / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-0.77	-1.25	-	2.01	28.64	26.63	7.36
5788	-	-0.70	-1.04	-	2.14	28.64	26.49	7.36
5844	-	-0.86	-0.49	-	2.34	28.64	26.30	7.36

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-3.74	-3.76	-	-0.74	28.64	29.38	7.36
5788	-	-3.28	-3.77	-	-0.50	28.64	29.14	7.36
5844	-	-2.31	-3.11	-	0.32	28.64	28.32	7.36

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-1.29	-1.64	-	1.55	28.64	27.09	7.36
5788	-	-1.46	-1.15	-	1.71	28.64	26.93	7.36
5844	-	-1.19	-1.09	-	1.87	28.64	26.77	7.36

Maximum Power Spectral Density (continued)

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-4.68	-4.13	-	-1.38	28.64	30.02	7.36
5788	-	-3.82	-3.87	-	-0.84	28.64	29.48	7.36
5844	-	-3.86	-3.87	-	-0.85	28.64	29.49	7.36

Antenna Configuration:	Beamforming	Mode:	HDR
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	HDRPM12 (16QAM)

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-7.13	-7.27	-	-4.19	28.64	32.83	7.36
5788	-	-6.91	-6.93	-	-3.91	28.64	32.55	7.36
5844	-	-6.97	-6.85	-	-3.90	28.64	32.54	7.36

Antenna Configuration:	Beamforming	Mode:	HDR
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	HDRPL16 (OQPSK)

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-7.05	-6.57	-	-3.79	28.64	32.43	7.36
5788	-	-7.08	-6.88	-	-3.97	28.64	32.61	7.36
5844	-	-6.30	-6.77	-	-3.52	28.64	32.15	7.36

Maximum Power Spectral Density (continued)

Antenna Configuration:	Beamforming	Mode:	HDR
Test Port:	2+3 (Core 0 + Core 1)	Rate/Modulation:	XHDRPL24 (16QAM)

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-9.81	-9.91	-	-6.85	28.64	35.49	7.36
5788	-	-9.84	-10.08	-	-6.95	28.64	35.59	7.36
5844	-	-9.31	-10.00	-	-6.63	28.64	35.27	7.36

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-1.48	-1.17	-	1.69	28.64	26.95	7.36
5788	-	-1.28	-0.63	-	2.07	28.64	26.57	7.36
5844	-	-1.08	-1.12	-	1.91	28.64	26.73	7.36

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-1.18	-1.19	-	1.83	28.64	26.81	7.36
5788	-	-1.38	-1.17	-	1.74	28.64	26.90	7.36
5844	-	-1.41	-0.94	-	1.85	28.64	26.79	7.36

Maximum Power Spectral Density (continued)

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

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5733	-	-4.55	-4.51	-	-1.52	28.64	30.16	7.36
5788	-	-4.19	-4.31	-	-1.24	28.64	29.88	7.36
5844	-	-4.06	-4.19	-	-1.12	28.64	29.76	7.36

5 Radiated Test Results

5.1 Out of Band Radiated Emissions <1 GHz

Test Summary:

Test Engineers:	Faissal Merzaki, Atiqul Tanvir & Jose Bayona	Test Dates:	08 May 2026 & 26 May 2026
Test Sample Serial Numbers:	PK2K7963XX & L5Q6J36Y22		

FCC Clause:	Parts 15.407(b)(4)(i)(9)(10) & 15.209(a)
ISED Canada Clause:	RSS-247 7.3.4.4 / RSS-Gen 6.13 & 8.9
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):	21 to 23
Relative Humidity (%):	38 to 41

Note(s):

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

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
34.495	26.35	40.00	13.65	Vertical



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

5.2 Out of Band Radiated Emissions >1 GHz

Test Summary:

Test Engineers:	Faissal Merzaki, Atiqul Tanvir & Jose Bayona	Test Dates:	12 May 2026 to 23 May 2026
Test Sample Serial Number:	PK2K7963XX		

FCC Clause:	Part 15.407(b)(4)(i),(10) & 15.209(a)
ISED Canada Clause:	RSS-247 7.3.4.4 / RSS-Gen 6.13 & 8.9
Test Method Used:	ANSI C63.10 Sections 6.3, 6.6 & 12.7
Frequency Range	1 GHz to 40 GHz

Environmental Conditions:

Temperature (°C):	20 to 23
Relative Humidity (%):	36 to 40

Note(s):

1. The final measured value, for the given emission, in the table below incorporates the calibrated antenna factor and cable loss.
2. No spurious emissions were detected above the noise floor of the measuring receiver; therefore, the highest peak and average noise floor readings of the measuring receiver were recorded 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 (U-NII-3) (continued)

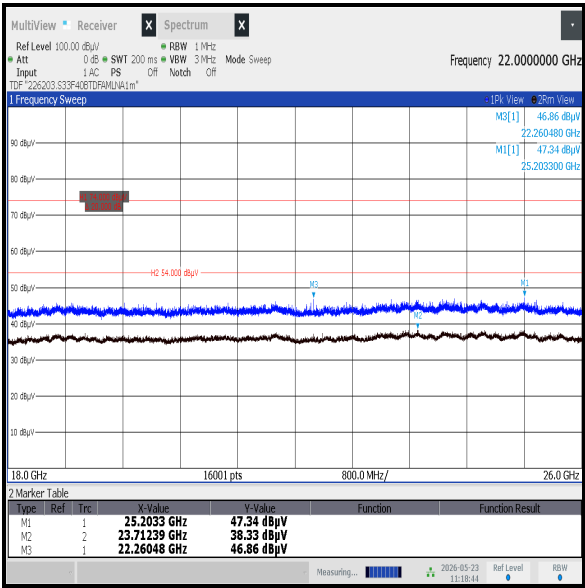
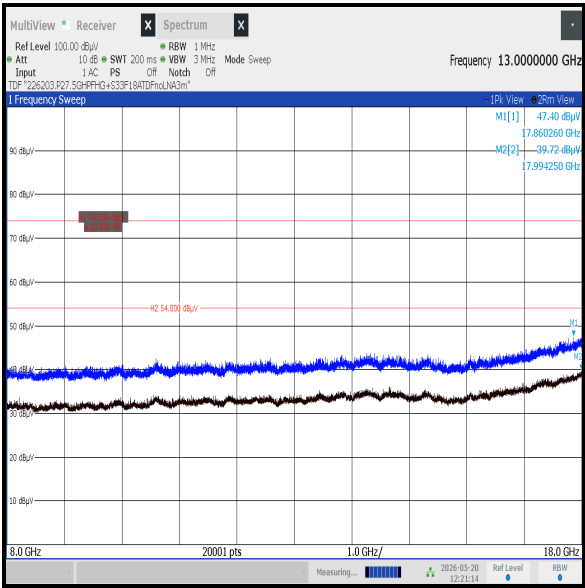
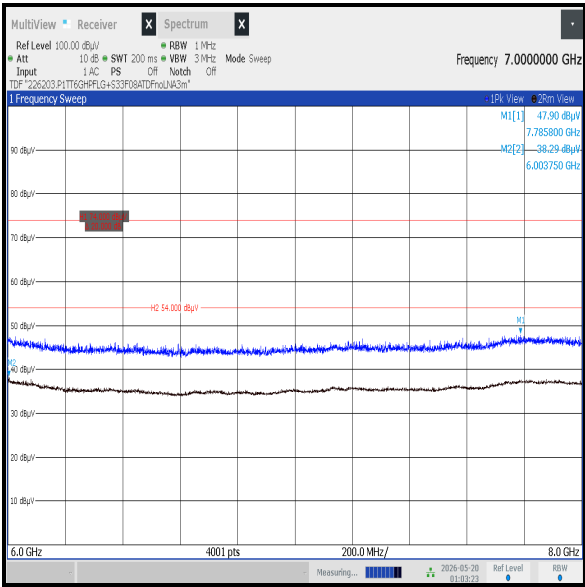
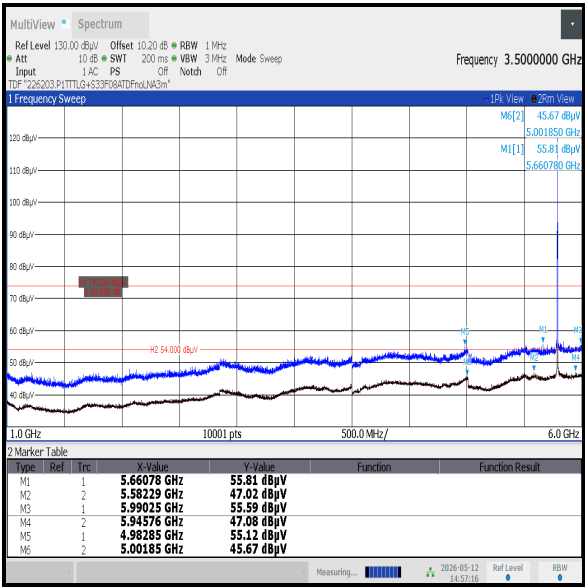
Results: BDR / Beamforming / ePA

Results: Peak / Middle Channel / Field Strength

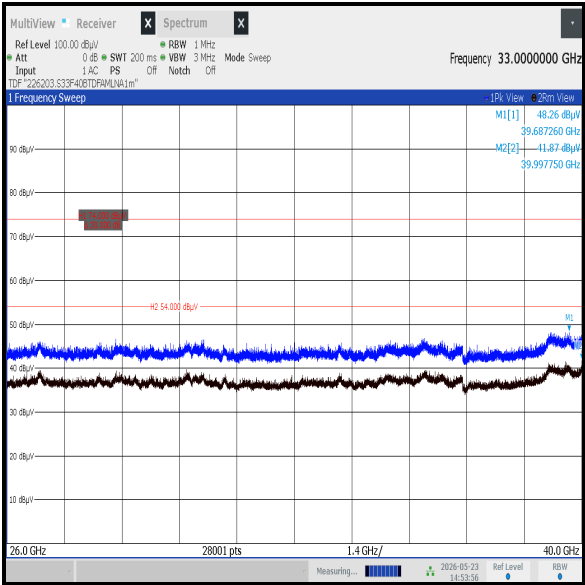
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Antenna Polarity
5660.780	55.81	74.00	18.19	Horizontal

Results: Average / Middle Channel / Field Strength

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Antenna Polarity
5945.760	47.08	54.00	6.92	Horizontal



Out of Band Radiated Emissions (U-NII-3) (continued)



5.3 Band Edge Radiated Emissions

Test Summary:

Test Engineers:	Prasanna Reddy, Faissal Merzaki & Jose Bayona	Test Dates:	12 April 2026 to 15 April 2026
Test Sample Serial Number:	PK2K7963XX		

FCC Clause:	Part 15.407(b)(4)(i),(10), 15.205 & 15.209(a)
ISED Canada Clause:	RSS-247 7.3.4.4 / RSS-Gen 6.13, 8.9 & 8.10
Test Method Used:	ANSI C63.10 Sections 6.10 & 12.7

Environmental Conditions:

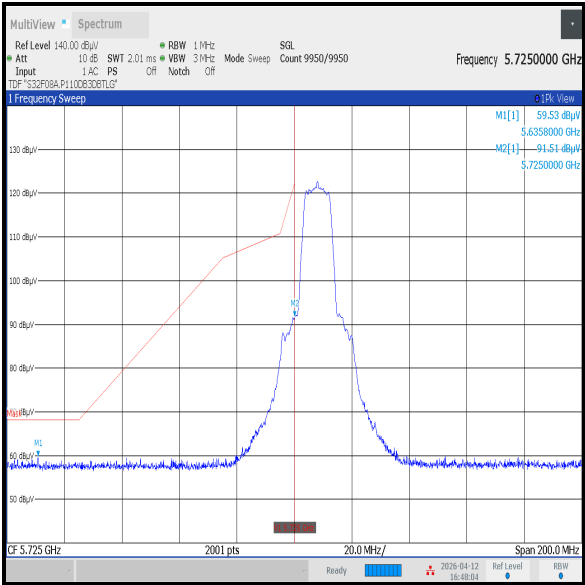
Temperature (°C):	20 to 21
Relative Humidity (%):	38 to 41

Note(s):

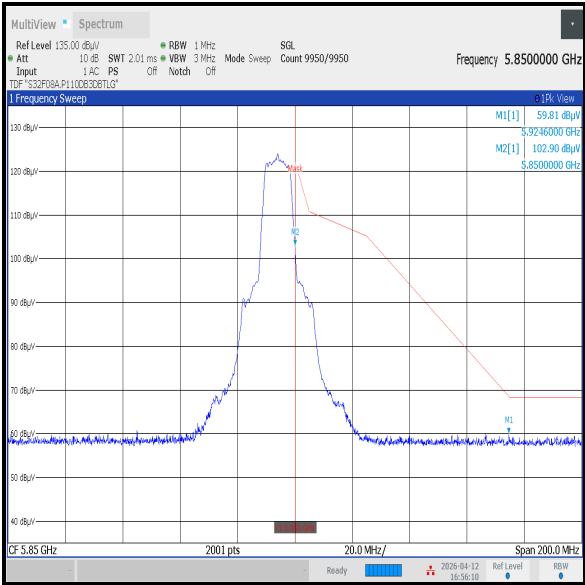
1. The final measured value, for the given emission in the field strength result tables, incorporates the calibrated antenna factor and cable loss.
2. Results are shown as field strength in dB μ V/m. The EIRP limit was converted to field strength, using the equation in section 2.4.
3. Example plots of 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.
4. SISO measurements were performed on both cores. Only Core 0 results are reported below. Core 1 plots are archived on the UL IT server and available for inspection if required.

Band Edge Radiated Emissions (continued)

Example Plots / XHDRPL24 / Beamforming / Core 0 + Core 1 / ePA



Lower Band Edge



Upper Band Edge

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5642.300	59.24	68.20	8.96	Horizontal
5927.800	59.70	68.20	8.50	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5631.700	59.54	68.20	8.66	Horizontal
5935.000	59.20	68.20	9.00	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5627.100	59.54	68.20	8.66	Horizontal
5947.700	59.67	68.20	8.53	Horizontal

Results: 4DH5 / SISO / Core 0 / ePA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5648.500	59.33	68.20	8.87	Horizontal
5940.900	59.76	68.20	8.44	Horizontal

Results: 8DH5 / SISO / Core 0 / ePA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5638.500	59.41	68.20	8.79	Horizontal
5941.000	59.85	68.20	8.35	Horizontal

Results: HDRPS2 / SISO / Core 0 / ePA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5630.000	59.12	68.20	9.08	Horizontal
5937.100	59.37	68.20	8.83	Horizontal

Results: HDRPM12 / SISO / Core 0 / ePA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5633.100	59.17	68.20	9.03	Horizontal
5934.100	59.12	68.20	9.08	Horizontal

Band Edge Radiated Emissions (continued)**Results: XHDRPM8 / SISO / Core 0 / ePA**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5636.900	59.27	68.20	8.93	Horizontal
5928.500	59.33	68.20	8.87	Horizontal

Results: HDRPL8 / SISO / Core 0 / ePA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5646.200	59.17	68.20	9.03	Horizontal
5927.300	59.74	68.20	8.46	Horizontal

Results: HDRPL24 / SISO / Core 0 / ePA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5625.100	59.06	68.20	9.14	Horizontal
5941.600	59.81	68.20	8.39	Horizontal

Results: XHDRPL24 / SISO / Core 0 / ePA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5647.600	58.97	68.20	9.23	Horizontal
5938.500	59.57	68.20	8.63	Horizontal

Results: HDT3 / SISO / Core 0 / ePA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5648.900	59.95	68.20	8.25	Horizontal
5930.600	59.52	68.20	8.68	Horizontal

Results: HDT4 / SISO / Core 0 / ePA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5638.300	59.40	68.20	8.80	Horizontal
5935.200	59.08	68.20	9.12	Horizontal

Results: HDT6 / SISO / Core 0 / ePA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5629.400	59.18	68.20	9.02	Horizontal
5935.100	59.32	68.20	8.88	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5627.800	58.20	68.20	10.00	Horizontal
5937.400	59.63	68.20	8.57	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5645.400	58.89	68.20	9.31	Horizontal
5926.500	59.33	68.20	8.87	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5646.200	58.97	68.20	9.23	Horizontal
5932.600	59.50	68.20	8.70	Horizontal

Results: 4DH5 / SISO / Core 0 / iPA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5628.000	58.74	68.20	9.46	Horizontal
5948.100	59.23	68.20	8.97	Horizontal

Results: 8DH5 / SISO / Core 0 / iPA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5645.400	58.38	68.20	9.82	Horizontal
5925.200	58.98	68.20	9.22	Horizontal

Results: HDRPS2 / SISO / Core 0 / iPA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5627.300	58.26	68.20	9.94	Horizontal
5946.200	58.94	68.20	9.26	Horizontal

Results: HDRPM12 / SISO / Core 0 / iPA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5629.500	58.93	68.20	9.27	Horizontal
5935.800	59.14	68.20	9.06	Horizontal

Band Edge Radiated Emissions (continued)**Results: XHDRPM8 / SISO / Core 0 / iPA**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5628.300	58.76	68.20	9.44	Horizontal
5932.600	58.89	68.20	9.31	Horizontal

Results: HDRPL8 / SISO / Core 0 / iPA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5633.000	58.89	68.20	9.31	Horizontal
5940.100	58.98	68.20	9.22	Horizontal

Results: HDRPL24 / SISO / Core 0 / iPA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5638.500	58.59	68.20	9.61	Horizontal
5938.000	59.11	68.20	9.09	Horizontal

Results: XHDRPL24 / SISO / Core 0 / iPA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5643.800	58.62	68.20	9.58	Horizontal
5925.400	60.38	68.20	7.82	Horizontal

Results: HDT3 / SISO / Core 0 / iPA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5649.800	59.24	68.20	8.96	Horizontal
5932.600	59.22	68.20	8.98	Horizontal

Results: HDT4 / SISO / Core 0 / iPA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5649.400	59.58	68.20	8.62	Horizontal
5943.400	59.47	68.20	8.73	Horizontal

Results: HDT6 / SISO / Core 0 / iPA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5639.200	59.61	68.20	8.59	Horizontal
5937.800	59.15	68.20	9.05	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5633.300	59.23	68.20	8.97	Horizontal
5936.300	59.69	68.20	8.51	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5650.500	59.83	68.57	8.74	Horizontal
5944.400	60.50	68.20	7.70	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5626.200	59.34	68.20	8.86	Horizontal
5931.100	59.48	68.20	8.72	Horizontal

Results: 4DH5 / Beamforming / Core 0 + Core 1 / ePA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5633.000	59.00	68.20	9.20	Horizontal
5936.800	60.25	68.20	7.95	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5633.000	59.57	68.20	8.63	Horizontal
5944.600	59.70	68.20	8.50	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5645.800	59.48	68.20	8.72	Horizontal
5948.000	59.27	68.20	8.93	Horizontal

Results: HDRPM12 / Beamforming / Core 0 + Core 1 / ePA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5642.600	59.46	68.20	8.74	Horizontal
5938.000	59.85	68.20	8.35	Horizontal

Band Edge Radiated Emissions (continued)**Results: XHDRPM8 / Beamforming / Core 0 + Core 1 / ePA**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5629.200	59.54	68.20	8.66	Horizontal
5928.700	59.54	68.20	8.66	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5630.700	59.02	68.20	9.18	Horizontal
5947.700	59.85	68.20	8.35	Horizontal

Results: HDRPL24 / Beamforming / Core 0 + Core 1 / ePA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5630.900	59.13	68.20	9.07	Horizontal
5930.100	59.44	68.20	8.76	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5635.800	59.53	68.20	8.67	Horizontal
5924.600	59.81	68.50	8.69	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5638.100	59.84	68.20	8.36	Horizontal
5930.000	60.13	68.20	8.07	Horizontal

Results: HDT4 / Beamforming / Core 0 + Core 1 / ePA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5638.500	59.02	68.20	9.18	Horizontal
5935.600	59.89	68.20	8.31	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5628.100	58.81	68.20	9.39	Horizontal
5934.300	60.11	68.20	8.09	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5636.700	58.40	68.20	9.80	Horizontal
5930.200	59.17	68.20	9.03	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5634.000	58.93	68.20	9.27	Horizontal
5939.000	59.33	68.20	8.87	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5648.900	58.46	68.20	9.74	Horizontal
5945.700	58.95	68.20	9.25	Horizontal

Results: 4DH5 / Beamforming / Core 0 + Core 1 / iPA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5645.900	58.70	68.20	9.50	Horizontal
5941.800	59.04	68.20	9.16	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5639.100	58.40	68.20	9.80	Horizontal
5941.300	59.43	68.20	8.77	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5634.300	58.81	68.20	9.39	Horizontal
5938.800	59.06	68.20	9.14	Horizontal

Results: HDRPM12 / Beamforming / Core 0 + Core 1 / iPA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5647.100	59.02	68.20	9.18	Horizontal
5938.500	59.18	68.20	9.02	Horizontal

Band Edge Radiated Emissions (continued)**Results: XHDRPM8 / Beamforming / Core 0 + Core 1 / iPA**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5643.600	59.15	68.20	9.05	Horizontal
5948.800	59.06	68.20	9.14	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5648.800	58.65	68.20	9.55	Horizontal
5936.800	59.57	68.20	8.63	Horizontal

Results: HDRPL24 / Beamforming / Core 0 + Core 1 / iPA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5643.200	58.70	68.20	9.50	Horizontal
5936.400	59.36	68.20	8.84	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5642.700	58.49	68.20	9.71	Horizontal
5926.600	59.99	68.20	8.21	Horizontal

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

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5641.000	59.06	68.20	9.14	Horizontal
5947.900	59.61	68.20	8.59	Horizontal

Results: HDT4 / Beamforming / Core 0 + Core 1 / iPA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5649.700	59.47	68.20	8.73	Horizontal
5928.600	59.25	68.20	8.95	Horizontal

Results: HDT6 / Beamforming / Core 0 + Core 1 / iPA

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Antenna Polarity
5634.900	59.32	68.20	8.88	Horizontal
5930.500	59.01	68.20	9.19	Horizontal

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