

FCC and ISED Test Report

Apple Inc
Model: A2779

In accordance with FCC 47 CFR Part 15E, ISED
RSS-248 and ISED RSS-GEN
(6 GHz WLAN)

Prepared for: Apple Inc
One Apple Park Way
Cupertino, California
95014, USA

FCC ID: BCGA2779

IC: 579C-A2779

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Document 75955428-08 Issue 01



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Steven White	Key Account Manager	Authorised Signatory	19 December 2022

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ENGINEERING STATEMENT

The measurements shown in this report were made in accordance with the procedures described on test pages. All reported testing was carried out on a sample equipment to demonstrate limited compliance with FCC 47 CFR Part 15E, ISED RSS-248 and ISED RSS-GEN. The sample tested was found to comply with the requirements defined in the applied rules.

RESPONSIBLE FOR	NAME	DATE	SIGNATURE
Report Generation	Lauren Walters	19 December 2022	

FCC Accreditation
90987 Octagon House, Fareham Test Laboratory

ISED Accreditation
12669A Octagon House, Fareham Test Laboratory

EXECUTIVE SUMMARY

A sample of this product was tested and found to be compliant with FCC 47 CFR Part 15E: 2021, ISED RSS-248: Issue 1 (2021-06) and ISED RSS-GEN: Issue 5 (2018-04) +A2 (2021-02) for the tests detailed in section 1.3.



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1 Report Summary

1.1 Report Modification Record

Alterations and additions to this report will be issued to the holders of each copy in the form of a complete document.

Issue	Description of Change	Date of Issue
1	First Issue	19-December-2022

Table 1

1.2 Introduction

Applicant	Apple Inc
Manufacturer	Apple Inc
Model Number(s)	A2779
Serial Number(s)	JM67M9K770, NX7LCFL417, GG9H3Q9KG0 and G9H0GW0F4V
Hardware Version(s)	REV 1.0
Software Version(s)	22A31991j, 22D18 and 22A42770t
Number of Samples Tested	4
Test Specification/Issue/Date	FCC 47 CFR Part 15E: 2021 ISED RSS-248: Issue 1 (2021-06) ISED RSS-GEN: Issue 5 (2018-04) +A2 (2021-02)
Order Number	0540246998
Start of Test	05-August-2022
Finish of Test	04-December-2022
Name of Engineer(s)	Thomas Biddlecombe, Daniel Cameron, Stefan Gilfedder, Mohammad Malik, Elliot Callender Colin Brain, Thomas Randall, Ian Hart, Nicolae Mihailiuc and James Woods
Related Document(s)	KDB 789033 D02 v02r01 KDB 662911 D01 v02r01 ANSI C63.10 (2020) KDB 987594 D02 v01r01 ANSI C63.10 (2013)



1.3 Brief Summary of Results

A brief summary of the tests carried out in accordance with FCC 47 CFR Part 15E, ISSED RSS-248 and ISSED RSS-GEN is shown below.

Section	Specification Clause			Test Description	Result	Comments/Base Standard
	Part 15E	RSS-248	RSS-GEN			
Configuration and Mode: 6 GHz WLAN						
-	15.203	-	-	Antenna Requirement	N/T	The device complies with the provisions of this section, as it uses permanently attached integral antennas.
2.1	15.407 (a)	4.4	6.7	Emission Bandwidth	Pass	
2.2	15.407 (a)	4.6	6.12	Maximum Conducted Output Power	Pass	
2.3	15.407 (a)	4.6	-	Maximum Conducted Power Spectral Density	Pass	
2.4	15.407 (b)	4.7	6.13	Authorised Band Edges	Pass	
2.5	15.407 (b)	4.7	6.13	Unwanted Emissions within the 5925-7125 MHz band	Pass	
2.6	15.407 (b)	4.7	6.13 and 8.9	Spurious Radiated Emissions	Pass	
2.7	15.407 (d)(6)	4.8	-	Contention Based Protocol	Pass	

Table 2



1.4 Product Information

1.4.1 Technical Description

The equipment under test was an Apple laptop computer with Bluetooth® and IEEE 802.11 a/b/g/n/ac/ax Wi-Fi capabilities in the 2.4GHz, 5GHz and 6GHz bands.

1.4.2 Test Modes

The EUT's 6 GHz 802.11 radio supported Single Input/Single Output (SISO) and 2x2 MIMO (Multiple Input/Multiple Output) modes. 802.11a supports 20 MHz bandwidth only. 802.11ax supported 20 MHz, 40 MHz, 80 MHz and 160 MHz bandwidths.

802.11a mode supported SISO operation only. 802.11ax supported SISO, Cyclic Delay Diversity (CDD) and Space Division Multiplexing (SDM) modes. The EUT supported 802.11ax Single User (SU) and Multi-User (MU-MIMO) with all Resource Unit (RU) sizes from 26 subcarriers, up to the maximum allowed, dependent on channel bandwidth except for channels 2, 233 and all 2Tx modes.

The EUT is categorized as an Indoor Client (6XD) operating in the 5.925-7.125 GHz band. It will only operate under the control of a Low Power Indoor (LPI) access point.

The EUT uses different output powers per core dependent on how many cores are used. The EUT also uses different power tables for Cyclic Delay Diversity (CDD) and Space Division Multiplexing (SDM) modes. It uses the same conducted power across all cores in any given mode, but due to the different antenna gains the radiated powers per core differ.

After preliminary investigations were performed to find worst-case operation, the EUT was tested in the following modes:

SISO Modes (Core 1 for U-NII-5 / 6 / 7 / 8):

- 802.11a – 12 Mbps
- 802.11ax HE20 SU – MCS2x1
- 802.11ax HE40 SU – MCS2x1
- 802.11ax HE80 SU – MCS2x1
- 802.11ax HE160 SU – MCS2x1
- 802.11ax HE20 MU RU26/52/106 – MCS2x1

2x2 MIMO Modes (Core 0+1 for U-NII-5 / 6 / 7 / 8):

- 802.11ax HE20 SU – CDD (MCS2x1) and SDM (MCS2x2)
- 802.11ax HE40 SU – CDD (MCS2x1) and SDM (MCS2x2)
- 802.11ax HE80 SU – CDD (MCS2x1), SDM (MCS2x2) and TxBF (MCS2x1)
- 802.11ax HE160 SU – CDD (MCS2x1) and SDM (MCS2x2)
- 802.11ax HE20 MU RU26/52/106 – CDD (MCS2x1) and SDM (MCS2x2)

*Note: The RU offset for bottom and middle channels were placed in the lowest position and on the top channel, the offset was placed in the upper most position.



1.4.3 Test Setup

For conducted tests the EUT antennas were disconnected and replaced with U.FL to SMA test cables to enable conducted testing on each core. The loss of these test cables were known and compensated for in any conducted measurements.

For all testing except Contention Based Protocol the EUT was put into a continuous transmit test mode with the chipset manufacturer's test commands via a script running in the EUTs terminal application. The EUT then transmitted the required type of packeted 802.11 data frames of fixed length, containing the standard headers and with pseudo-random data content, ensuring the measured signals were representative and contained all the symbols at the highest power control level.

The test setup used for Contention Based Protocol is described in the test result section of the present document.

1.4.4 Antenna Gain Table

Antenna Port	Frequency Range (MHz)	Peak Gain (dBi)	Conducted Cable Loss (dB)
Core 0	5925-6105	5.11	1.20
	6105-6265	4.85	1.30
	6265-6425	4.84	1.30
	6425-6525	5.15	1.30
	6525-6875	5.81	1.40
	6875-7125	4.91	1.40
Core 1	5925-6105	5.41	1.20
	6105-6265	4.34	1.30
	6265-6425	3.23	1.30
	6425-6525	4.06	1.30
	6525-6875	4.10	1.40
	6875-7125	1.78	1.40

Table 3

1.5 Deviations from the Standard

No deviations from the applicable test standard were made during testing.



1.6 EUT Modification Record

The table below details modifications made to the EUT during the test programme.

The modifications incorporated during each test are recorded on the appropriate test pages.

Modification State	Description of Modification still fitted to EUT	Modification Fitted By	Date Modification Fitted
Model: A2779, Serial Number: GG9H3Q9KG0			
0	As supplied by the customer	Not Applicable	Not Applicable
Model: A2779, Serial Number: NX7LCFL417			
0	As supplied by the customer	Not Applicable	Not Applicable
Model: A2779, Serial Number: G9H0GW0F4V			
0	As supplied by the customer	Not Applicable	Not Applicable
Model: A2779, Serial Number: JM67M9K770			
0	As supplied by the customer	Not Applicable	Not Applicable

Table 4



1.7 Test Location

TÜV SÜD conducted the following tests at our Octagon House Test Laboratory.

Test Name	Name of Engineer(s)	Accreditation
Configuration and Mode: 6 GHz WLAN		
Emission Bandwidth	Thomas Biddlecombe and Daniel Cameron	UKAS
Maximum Conducted Output Power	Thomas Biddlecombe and Daniel Cameron	UKAS
Maximum Conducted Power Spectral Density	Thomas Biddlecombe and Daniel Cameron	UKAS
Unwanted Emissions within the 5925-7125 MHz band	Thomas Biddlecombe and Daniel Cameron	UKAS
Contention Based Protocol	Stefan Gilfedder	UKAS

Table 5

Office Address:

TÜV SÜD
Octagon House
Concorde Way
Fareham
Hampshire
PO15 5RL
United Kingdom

TÜV SÜD conducted the following tests at our Concorde Park Test Laboratory.

Test Name	Name of Engineer(s)	Accreditation
Configuration and Mode: 6 GHz WLAN		
Authorised Band Edges	Colin Brain, Thomas Randall, Ian Hart, Nicolae Mihailiuc and James Woods	UKAS
Spurious Radiated Emissions	Mohammad Malik and Elliot Callender	UKAS

Table 6

Office Address:

TÜV SÜD
Concorde Park
Concorde Way
Fareham
Hampshire
PO15 5FG
United Kingdom



2 Test Details

2.1 Emission Bandwidth

2.1.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (a)
ISED RSS-248, Clause 4.4
ISED RSS-GEN, Clause 6.7

2.1.2 Equipment Under Test and Modification State

A2779, S/N: GG9H3Q9KG0 - Modification State 0
A2779, S/N: NX7LCFL417 - Modification State 0

2.1.3 Date of Test

12-October-2022 to 04-December-2022

2.1.4 Test Method

The test was performed in accordance with KDB 789033, clause C.1 for 26 dB bandwidth and clause D for 99% occupied bandwidth.

The Emission Bandwidth of staddle channels is defined by the boundary between two adjacent U-NII bands, with the boundary frequency between the bands serving as one edge for defining the portion of EBW that falls within a particular U-NII band.

2.1.5 Environmental Conditions

Ambient Temperature	22.0 - 23.9 °C
Relative Humidity	24.8 - 38.0 %



2.1.6 Test Results

6 GHz WLAN

SISO

Protocol	26 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11a	21.060	21.120
802.11ax HE20 SU	21.180	21.420
802.11ax HE40 SU	41.880	42.120
802.11ax HE80 SU	82.500	83.160
802.11ax HE160 SU	165.480	166.320

Table 7

Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11a	16.680	16.740
802.11ax HE20 SU	19.020	19.080
802.11ax HE40 SU	38.040	38.040
802.11ax HE80 SU	77.220	77.220
802.11ax HE160 SU	155.820	155.820

Table 8 - 99% Bandwidth Summary Results - SISO



Figure 1 - 802.11a Minimum 99% OBW

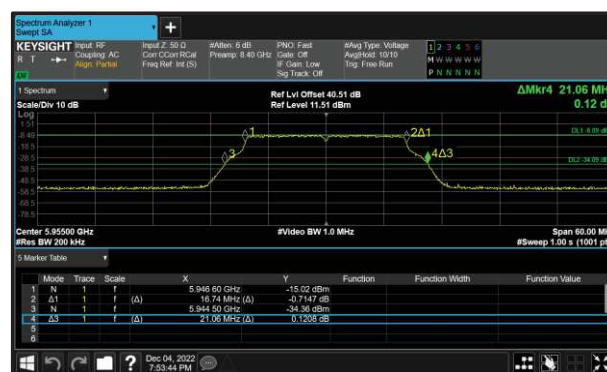


Figure 2 - 802.11a Maximum 99% OBW

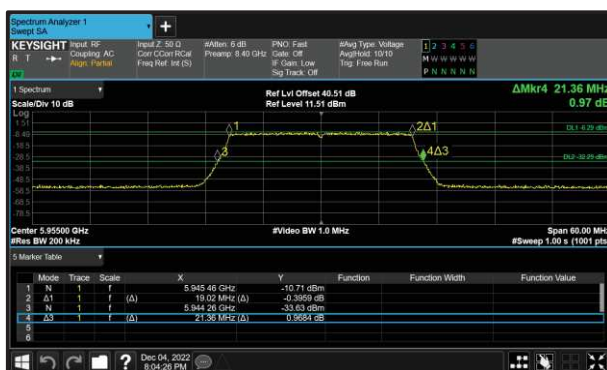


Figure 3 - 802.11ax HE20 SU Minimum 99% OBW



Figure 4 - 802.11ax HE20 SU Maximum 99% OBW



Figure 5 - 802.11ax HE40 SU Minimum 99% OBW



Figure 6 - 802.11ax HE40 SU Maximum 99% OBW

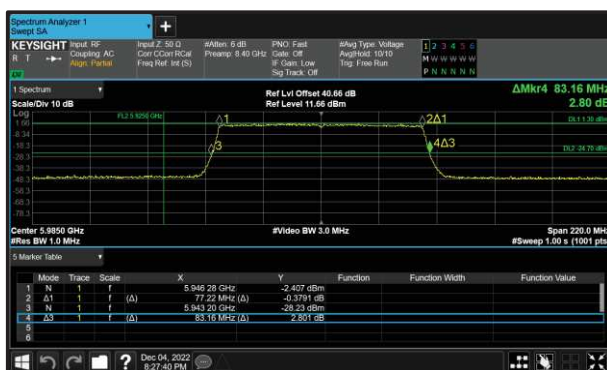


Figure 7 - 802.11ax HE80 SU Minimum 99% OBW



Figure 8 - 802.11ax HE80 SU Maximum 99% OBW

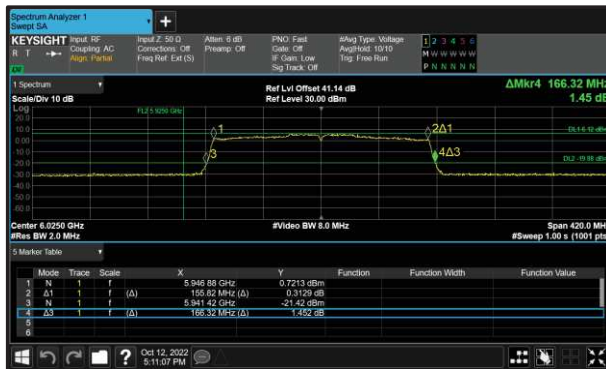


Figure 9 - 802.11ax HE160 SU Minimum 99% OBW



Figure 10 - 802.11ax HE160 SU Maximum 99% OBW



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	-
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5955	-	21.060	-	-	-
6175	21.060	-	-	-	-
6415	21.120	-	-	-	-

Table 9 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5955	-	16.740	-	-	-
6175	16.680	-	-	-	-
6415	16.680	-	-	-	-

Table 10 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5955	-	21.360	-	-	-
6175	21.360	-	-	-	-
6415	21.360	-	-	-	-

Table 11 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5955	-	19.020	-	-	-
6175	19.020	-	-	-	-
6415	19.020	-	-	-	-

Table 12 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5965	-	41.880	-	-	-
6165	41.880	-	-	-	-
6405	42.120	-	-	-	-

Table 13 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5965	-	38.040	-	-	-
6165	38.040	-	-	-	-
6405	38.040	-	-	-	-

Table 14 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5985	-	83.160	-	-	-
6145	82.720	-	-	-	-
6385	82.720	-	-	-	-

Table 15 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5985	-	77.220	-	-	-
6145	77.220	-	-	-	-
6385	77.220	-	-	-	-

Table 16 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0) B (Core 1)	Active Chain Id(s):	0 1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6025	-	166.320	-	-	-
6185	166.320	-	-	-	-
6345	165.900	-	-	-	-

Table 17 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6025	-	155.820	-	-	-
6185	155.820	-	-	-	-
6345	155.820	-	-	-	-

Table 18 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	-
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6435	21.120	-	-	-	-
6475	21.120	-	-	-	-
6515	21.120	-	-	-	-

Table 19 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6435	16.680	-	-	-	-
6475	16.680	-	-	-	-
6515	16.680	-	-	-	-

Table 20 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6435	21.360	-	-	-	-
6475	21.420	-	-	-	-
6515	21.360	-	-	-	-

Table 21 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6435	19.020	-	-	-	-
6475	19.020	-	-	-	-
6515	19.020	-	-	-	-

Table 22 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6445	41.880	-	-	-	-
6485	41.880	-	-	-	-
6525	21.240	-	-	-	-

Table 23 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6445	38.040	-	-	-	-
6485	38.040	-	-	-	-
6525	19.080	-	-	-	-

Table 24 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6465	82.940	-	-	-	-
6545	21.800	-	-	-	-

Table 25 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6465	77.220	-	-	-	-
6545	19.160	-	-	-	-

Table 26 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6505	99.800	-	-	-	-

Table 27 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6505	97.700	-	-	-	-

Table 28 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	-
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6535	21.120	-	-	-	-
6695	21.120	-	-	-	-
6855	21.120	-	-	-	-
6875	10.500	-	-	-	-

Table 29 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6535	16.680	-	-	-	-
6695	16.680	-	-	-	-
6855	16.680	-	-	-	-
6875	8.340	-	-	-	-

Table 30 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6535	21.300	-	-	-	-
6695	21.420	-	-	-	-
6855	21.360	-	-	-	-
6875	10.680	-	-	-	-

Table 31 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6535	19.020	-	-	-	-
6695	19.020	-	-	-	-
6855	19.020	-	-	-	-
6875	9.540	-	-	-	-

Table 32 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6525	21.000	-	-	-	-
6565	42.000	-	-	-	-
6685	41.880	-	-	-	-
6845	41.880	-	-	-	-
6885	11.120	-	-	-	-

Table 33 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6525	18.960	-	-	-	-
6565	38.040	-	-	-	-
6685	38.040	-	-	-	-
6845	38.040	-	-	-	-
6885	9.320	-	-	-	-

Table 34 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6545	61.140	-	-	-	-
6625	82.720	-	-	-	-
6705	82.500	-	-	-	-
6785	82.720	-	-	-	-
6865	51.580	-	-	-	-

Table 35 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6545	58.280	-	-	-	-
6625	77.220	-	-	-	-
6705	77.220	-	-	-	-
6785	77.220	-	-	-	-
6865	48.500	-	-	-	-

Table 36 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6505	63.160	-	-	-	-
6665	165.480	-	-	-	-
6825	133.160	-	-	-	-

Table 37 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6505	58.540	-	-	-	-
6665	155.820	-	-	-	-
6825	127.700	-	-	-	-

Table 38 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	-
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6875	10.560	-	-	-	-
6895	21.060	-	-	-	-
6995	21.060	-	-	-	-
7115	21.060	-	-	-	-

Table 39 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6875	8.340	-	-	-	-
6895	16.680	-	-	-	-
6995	16.680	-	-	-	-
7115	16.680	-	-	-	-

Table 40 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6875	10.620	-	-	-	-
6895	21.420	-	-	-	-
6995	21.180	-	-	-	-
7115	21.360	-	-	-	-

Table 41 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6875	9.480	-	-	-	-
6895	19.020	-	-	-	-
6995	19.020	-	-	-	-
7115	19.080	-	-	-	-

Table 42 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6885	30.880	-	-	-	-
6925	41.880	-	-	-	-
7005	42.000	-	-	-	-
7085	42.000	-	-	-	-

Table 43 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6885	28.720	-	-	-	-
6925	38.040	-	-	-	-
7005	38.040	-	-	-	-
7085	38.040	-	-	-	-

Table 44 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6865	31.140	-	-	-	-
6945	82.720	-	-	-	-
7025	82.720	-	-	-	-

Table 45 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6865	28.720	-	-	-	-
6945	77.220	-	-	-	-
7025	77.220	-	-	-	-

Table 46 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6825	32.320	-	-	-	-
6985	165.900	-	-	-	-

Table 47 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6825	29.380	-	-	-	-
6985	155.820	-	-	-	-

Table 48 - 99% Bandwidth Results



MIMO CDD

Protocol	26 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11ax HE20 SU	21.240	21.540
802.11ax HE40 SU	41.760	42.240
802.11ax HE80 SU	82.500	83.160
802.11ax HE160 SU	165.480	167.160

Table 49

Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11ax HE20 SU	19.020	19.080
802.11ax HE40 SU	37.920	38.040
802.11ax HE80 SU	77.220	77.220
802.11ax HE160 SU	155.820	156.660

Table 50 - 99% Bandwidth Summary Results - MIMO CDD



Figure 11 - 802.11ax HE20 SU Minimum 99% OBW



Figure 12 - 802.11ax HE20 SU Maximum 99% OBW

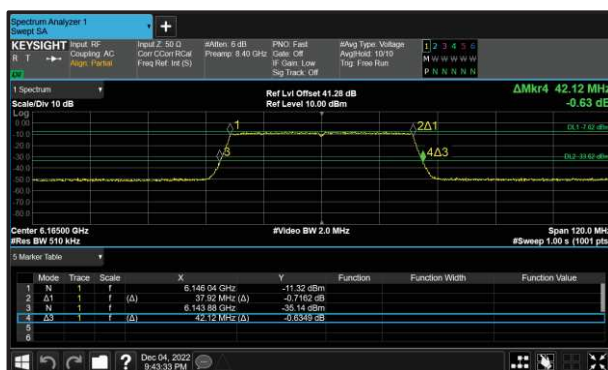


Figure 13 - 802.11ax HE40 SU Minimum 99% OBW

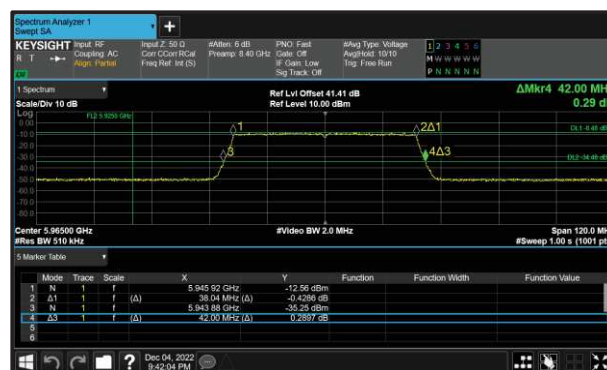


Figure 14 - 802.11ax HE40 SU Maximum 99% OBW



Figure 15 - 802.11ax HE80 SU Minimum 99% OBW



Figure 16 - 802.11ax HE80 SU Maximum 99% OBW

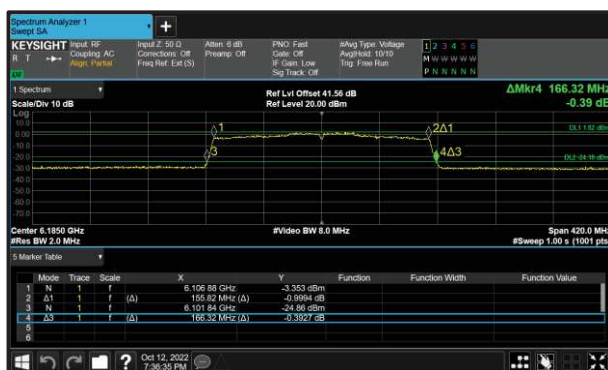


Figure 17 - 802.11ax HE160 SU Minimum 99% OBW



Figure 18 - 802.11ax HE160 SU Maximum 99% OBW



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5955	21.300	21.240	-	-	-
6175	21.300	21.360	-	-	-
6415	21.360	21.540	-	-	-

Table 51 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5955	19.020	19.020	-	-	-
6175	19.020	19.020	-	-	-
6415	19.020	19.020	-	-	-

Table 52 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5965	42.000	41.880	-	-	-
6165	42.120	42.000	-	-	-
6405	41.880	42.000	-	-	-

Table 53 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5965	38.040	38.040	-	-	-
6165	37.920	38.040	-	-	-
6405	38.040	38.040	-	-	-

Table 54 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5985	83.160	83.160	-	-	-
6145	82.720	83.160	-	-	-
6385	82.720	82.500	-	-	-

Table 55 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5985	77.220	77.220	-	-	-
6145	77.220	77.220	-	-	-
6385	77.220	77.220	-	-	-

Table 56 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6025	167.160	166.740	-	-	-
6185	166.320	165.480	-	-	-
6345	166.320	165.480	-	-	-

Table 57 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6025	156.660	156.660	-	-	-
6185	155.820	156.240	-	-	-
6345	156.660	156.660	-	-	-

Table 58 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6435	21.240	21.300	-	-	-
6475	21.420	21.300	-	-	-
6515	21.420	21.300	-	-	-

Table 59 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6435	19.020	19.020	-	-	-
6475	19.020	19.020	-	-	-
6515	19.020	19.020	-	-	-

Table 60 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6445	41.760	41.880	-	-	-
6485	41.880	41.880	-	-	-
6525	21.000	21.240	-	-	-

Table 61 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6445	38.040	38.040	-	-	-
6485	38.040	38.040	-	-	-
6525	19.080	19.080	-	-	-

Table 62 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6465	82.720	82.720	-	-	-
6545	21.360	21.580	-	-	-

Table 63 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6465	77.220	77.220	-	-	-
6545	19.160	19.160	-	-	-

Table 64 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6505	99.800	99.800	-	-	-

Table 65 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6505	97.700	97.280	-	-	-

Table 66 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6535	21.240	21.300	-	-	-
6695	21.300	21.240	-	-	-
6855	21.300	21.300	-	-	-
6875	10.740	10.740	-	-	-

Table 67 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6535	19.020	19.020	-	-	-
6695	19.020	19.020	-	-	-
6855	19.020	19.020	-	-	-
6875	9.600	9.540	-	-	-

Table 68 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6525	20.880	20.760	-	-	-
6565	42.120	41.880	-	-	-
6685	41.880	41.880	-	-	-
6845	42.000	41.880	-	-	-
6885	11.000	11.120	-	-	-

Table 69 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6525	18.960	18.960	-	-	-
6565	38.040	38.040	-	-	-
6685	38.040	38.040	-	-	-
6845	38.040	38.040	-	-	-
6885	9.320	9.440	-	-	-

Table 70 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6545	61.140	61.360	-	-	-
6625	82.720	82.720	-	-	-
6705	82.720	82.720	-	-	-
6785	82.500	82.940	-	-	-
6865	51.580	51.360	-	-	-

Table 71 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6545	58.280	58.280	-	-	-
6625	77.220	77.220	-	-	-
6705	77.220	77.220	-	-	-
6785	77.220	77.220	-	-	-
6865	48.500	48.500	-	-	-

Table 72 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6505	63.160	62.740	-	-	-
6665	167.160	166.320	-	-	-
6825	133.160	133.160	-	-	-

Table 73 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6505	58.540	58.540	-	-	-
6665	156.660	156.240	-	-	-
6825	127.700	127.280	-	-	-

Table 74 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6875	10.620	10.800	-	-	-
6895	21.300	21.240	-	-	-
6995	21.360	21.360	-	-	-
7115	21.420	21.300	-	-	-

Table 75 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6875	9.480	9.480	-	-	-
6895	19.020	19.020	-	-	-
6995	19.080	19.020	-	-	-
7115	19.020	19.020	-	-	-

Table 76 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6885	30.760	30.880	-	-	-
6925	41.880	42.120	-	-	-
7005	41.880	42.240	-	-	-
7085	42.000	41.880	-	-	-

Table 77 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6885	28.720	28.840	-	-	-
6925	38.040	38.040	-	-	-
7005	38.040	38.040	-	-	-
7085	38.040	38.040	-	-	-

Table 78 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6865	31.140	31.140	-	-	-
6945	82.940	82.500	-	-	-
7025	82.500	82.720	-	-	-

Table 79 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6865	28.720	28.720	-	-	-
6945	77.220	77.220	-	-	-
7025	77.220	77.220	-	-	-

Table 80 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6825	32.740	32.320	-	-	-
6985	167.160	165.900	-	-	-

Table 81 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6825	57.940	45.340	-	-	-
6985	156.240	156.240	-	-	-

Table 82 - 99% Bandwidth Results

MIMO SDM

Protocol	26 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11ax HE20 SU	21.180	21.480
802.11ax HE40 SU	41.640	42.120
802.11ax HE80 SU	82.280	82.940
802.11ax HE160 SU	165.480	166.320

Table 83

Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11ax HE20 SU	18.960	19.080
802.11ax HE40 SU	37.920	38.040
802.11ax HE80 SU	77.220	77.440
802.11ax HE160 SU	155.820	156.240

Table 84 - 99% Bandwidth Summary Results - MIMO SDM



Figure 19 - 802.11ax HE20 SU Minimum 99% OBW



Figure 20 - 802.11ax HE20 SU Maximum 99% OBW

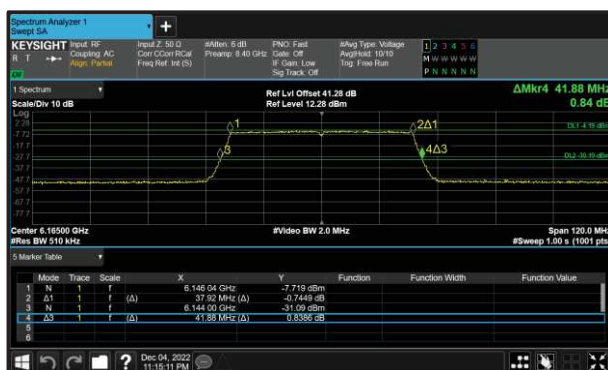


Figure 21 - 802.11ax HE40 SU Minimum 99% OBW

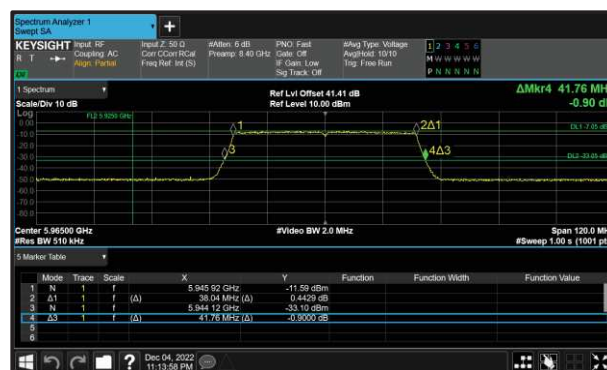


Figure 22 - 802.11ax HE40 SU Maximum 99% OBW



Figure 23 - 802.11ax HE80 SU Minimum 99% OBW



Figure 24 - 802.11ax HE80 SU Maximum 99% OBW

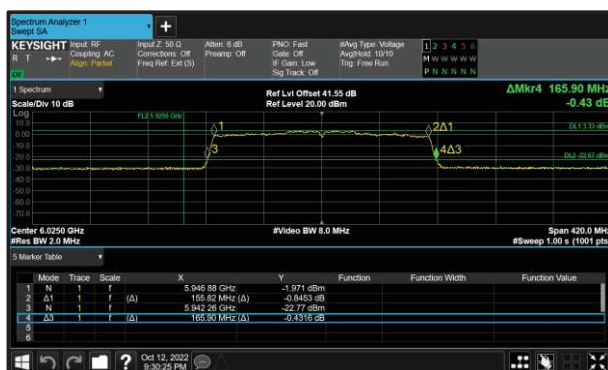


Figure 25 - 802.11ax HE160 SU Minimum 99% OBW

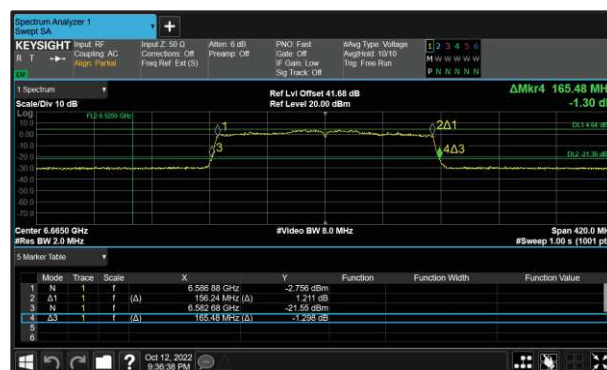


Figure 26 - 802.11ax HE160 SU Maximum 99% OBW



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5955	21.300	21.360	-	-	-
6175	21.300	21.420	-	-	-
6415	21.180	21.240	-	-	-

Table 85 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5955	19.080	19.020	-	-	-
6175	18.960	19.080	-	-	-
6415	19.020	19.020	-	-	-

Table 86 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5965	41.760	41.760	-	-	-
6165	41.880	42.000	-	-	-
6405	41.880	41.640	-	-	-

Table 87 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5965	38.040	38.040	-	-	-
6165	37.920	38.040	-	-	-
6405	38.040	38.040	-	-	-

Table 88 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5985	82.500	82.720	-	-	-
6145	82.940	82.720	-	-	-
6385	82.500	82.940	-	-	-

Table 89 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5985	77.220	77.220	-	-	-
6145	77.440	77.220	-	-	-
6385	77.220	77.220	-	-	-

Table 90 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6025	165.900	166.320	-	-	-
6185	165.480	165.480	-	-	-
6345	165.480	165.480	-	-	-

Table 91 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6025	155.820	155.820	-	-	-
6185	155.820	155.820	-	-	-
6345	155.820	155.820	-	-	-

Table 92 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6435	21.300	21.420	-	-	-
6475	21.300	21.360	-	-	-
6515	21.300	21.300	-	-	-

Table 93 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6435	19.020	19.020	-	-	-
6475	19.020	19.020	-	-	-
6515	19.080	19.020	-	-	-

Table 94 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6445	41.880	42.000	-	-	-
6485	42.000	41.880	-	-	-
6525	21.120	20.880	-	-	-

Table 95 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6445	38.040	38.040	-	-	-
6485	38.040	38.040	-	-	-
6525	19.080	19.080	-	-	-

Table 96 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6465	82.720	82.940	-	-	-
6545	21.580	21.140	-	-	-

Table 97 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6465	77.220	77.220	-	-	-
6545	19.160	19.160	-	-	-

Table 98 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6505	99.800	99.800	-	-	-

Table 99 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6505	97.280	97.280	-	-	-

Table 100 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6535	21.360	21.300	-	-	-
6695	21.360	21.300	-	-	-
6855	21.480	21.240	-	-	-
6875	10.800	10.800	-	-	-

Table 101 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6535	19.020	19.020	-	-	-
6695	19.080	19.020	-	-	-
6855	19.020	19.080	-	-	-
6875	9.540	9.540	-	-	-

Table 102 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6525	20.880	21.000	-	-	-
6565	41.880	42.120	-	-	-
6685	42.000	42.120	-	-	-
6845	41.880	41.880	-	-	-
6885	11.120	11.000	-	-	-

Table 103 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6525	18.960	18.960	-	-	-
6565	38.040	38.040	-	-	-
6685	38.040	38.040	-	-	-
6845	38.040	38.040	-	-	-
6885	9.320	9.320	-	-	-

Table 104 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6545	61.360	61.360	-	-	-
6625	82.500	82.720	-	-	-
6705	82.940	82.280	-	-	-
6785	82.720	82.940	-	-	-
6865	51.360	51.360	-	-	-

Table 105 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6545	58.280	58.280	-	-	-
6625	77.220	77.220	-	-	-
6705	77.220	77.220	-	-	-
6785	77.220	77.220	-	-	-
6865	48.500	48.500	-	-	-

Table 106 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6505	63.160	62.740	-	-	-
6665	165.480	165.900	-	-	-
6825	133.160	133.160	-	-	-

Table 107 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6505	58.540	58.540	-	-	-
6665	156.240	156.240	-	-	-
6825	127.280	127.280	-	-	-

Table 108 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6875	10.620	10.680	-	-	-
6895	21.360	21.360	-	-	-
6995	21.300	21.300	-	-	-
7115	21.240	21.300	-	-	-

Table 109 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6875	9.480	9.480	-	-	-
6895	19.080	19.080	-	-	-
6995	19.080	19.080	-	-	-
7115	19.020	19.080	-	-	-

Table 110 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6885	30.880	31.000	-	-	-
6925	42.120	42.000	-	-	-
7005	42.000	42.000	-	-	-
7085	41.880	42.000	-	-	-

Table 111 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6885	28.720	28.840	-	-	-
6925	38.040	38.040	-	-	-
7005	38.040	38.040	-	-	-
7085	38.040	38.040	-	-	-

Table 112 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6865	31.140	31.140	-	-	-
6945	82.720	82.720	-	-	-
7025	82.280	82.720	-	-	-

Table 113 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6865	28.720	28.720	-	-	-
6945	77.220	77.220	-	-	-
7025	77.220	77.220	-	-	-

Table 114 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6825	32.740	32.740	-	-	-
6985	165.480	165.480	-	-	-

Table 115 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6825	29.800	29.800	-	-	-
6985	155.820	156.240	-	-	-

Table 116 - 99% Bandwidth Results

MIMO TxBF

Protocol	26 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11ax HE40 SU	41.880	41.880
802.11ax HE80 SU	82.280	83.160

Table 117

Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11ax HE40 SU	37.920	38.040
802.11ax HE80 SU	77.000	77.440

Table 118 - 99% Bandwidth Summary Results - TxBF

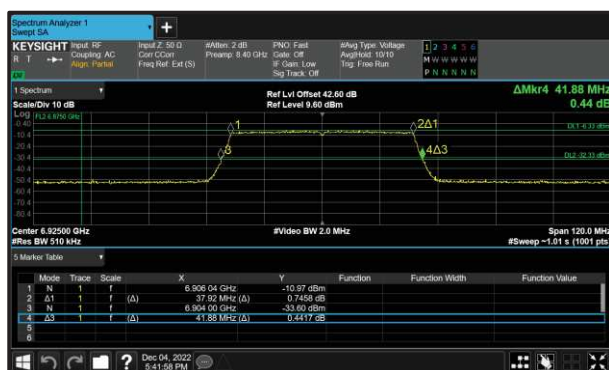


Figure 27 - 802.11ax HE40 SU Minimum 99% OBW



Figure 28 - 802.11ax HE40 SU Maximum 99% OBW

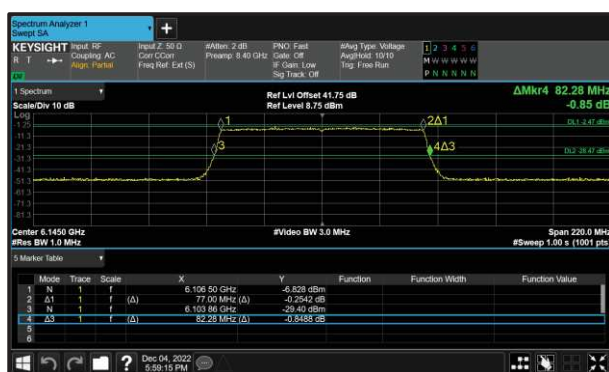


Figure 29 - 802.11ax HE80 SU Minimum 99% OBW



Figure 30 - 802.11ax HE80 SU Maximum 99% OBW



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5985	82.720	82.940	-	-	-
6145	82.940	82.280	-	-	-
6385	82.500	82.720	-	-	-

Table 119 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5985	77.440	77.220	-	-	-
6145	77.440	77.000	-	-	-
6385	77.220	77.440	-	-	-

Table 120 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6465	82.720	82.720	-	-	-
6545	21.360	21.140	-	-	-

Table 121 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6465	77.440	77.220	-	-	-
6545	18.940	18.940	-	-	-

Table 122 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6545	61.140	61.580	-	-	-
6625	83.160	82.720	-	-	-
6705	82.280	82.720	-	-	-
6785	82.720	82.280	-	-	-
6865	51.360	51.360	-	-	-

Table 123 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6545	58.280	58.280	-	-	-
6625	77.220	77.220	-	-	-
6705	77.220	77.000	-	-	-
6785	77.220	77.440	-	-	-
6865	48.500	48.280	-	-	-

Table 124 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6925	41.880	41.880	-	-	-
7005	41.880	41.880	-	-	-
7085	41.880	41.880	-	-	-

Table 125 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6925	38.040	37.920	-	-	-
7005	37.920	37.920	-	-	-
7085	37.920	37.920	-	-	-

Table 126 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6865	31.360	31.360	-	-	-
6945	82.720	82.720	-	-	-
7025	82.720	82.940	-	-	-

Table 127 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
6865	28.720	28.720	-	-	-
6945	77.220	77.440	-	-	-
7025	77.220	77.220	-	-	-

Table 128 - 99% Bandwidth Results

FCC Part 15E, Limit Clause 15.407 (a)(10)

The maximum transmitter channel bandwidth for U-NII devices in the 5.925–7.125 GHz band is 320 megahertz.

ISED RSS-248, Limit Clause 4.4

The occupied bandwidth shall not exceed 320 MHz.



2.1.7 Test Location and Test Equipment Used

This test was carried out in RF Laboratory 1.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Multimeter	Fluke	79 Series III	611	12	21-Dec-2022
Hygrometer	Rotronic	I-1000	3068	12	21-Sep-2023
Hygrometer	Rotronic	I-1000	3220	12	05-Nov-2022
Network Analyser	Rohde & Schwarz	ZVA 40	3548	12	24-Feb-2023
Calibration Unit	Rohde & Schwarz	ZV-Z54	4368	12	24-Feb-2023
Frequency Standard	Spectracom	SecureSync 1200-0408-0601	4393	6	01-Feb-2023
AC Programmable Power Supply	iTech	IT7324	5226	-	O/P Mon
Attenuator 5W 30dB DC-18GHz	Aaren	AT40A-4041-D18-30	5502	12	21-Apr-2023
MXA Signal Analyser	Keysight Technologies	N9020B	5528	24	21-Mar-2024
2-Way Power Divider (2-8 GHz)	Aaren	AT30A-TE0208-2-AF	5685	12	20-Dec-2022
2-Way Power Divider (2-8 GHz)	Aaren	AT30A-TE0208-2-AF	5687	12	20-Dec-2022
Signal Conditioning Unit	TUV SUD	SPECTRUM SCU002	5759	12	05-Jul-2023
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	5765	-	O/P Mon
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	5766	-	O/P Mon
1500VA AC Power Supply	iTech	IT7324	5907	-	O/P Mon
Signal Analyser	Keysight Technologies	N9020B	5919	24	13-Mar-2024
Signal Conditioning Unit	TUV SUD	SPECTRUM SCU003	5932	12	10-May-2023
Coaxial Fixed Attenuator DC-18GHz 5W 10dB	RF-Lambda	RFS5G18B10SMP	6175	12	17-Jul-2023
Coaxial Fixed Attenuator DC-18GHz 5W 10dB	RF-Lambda	RFS5G18B10SMP	6176	12	17-Jul-2023

Table 129

O/P Mon – Output Monitored using calibrated equipment



2.2 Maximum Conducted Output Power

2.2.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (a)
ISED RSS-248, Clause 4.6
ISED RSS-GEN, Clause 6.12

2.2.2 Equipment Under Test and Modification State

A2779, S/N: NX7LCFL417 - Modification State 0
A2779, S/N: GG9H3Q9KG0 - Modification State 0

2.2.3 Date of Test

12-October-2022 to 04-December-2022

2.2.4 Test Method

This test was performed in accordance with KDB 789033 clause E.3b (gated RF average power meter).

MIMO output port summing was performed in accordance with KDB 662911 D01.

The EUT has equal conducted powers on all ports for each mode of operation, but unequal antenna gains. Therefore, for SISO modes the EUT was tested on the port with the highest antenna gain which would result in the highest EIRP output power.

For the CDD results the directional gain was calculated in accordance with clause F)2)f)(ii) using the calculations from F)2)f)(i) with worst-case individual gain and an array gain of zero.

For SDM modes Directional Gain was calculated in accordance with clause F)2)d)(ii).

For transmit beamforming (TxBF) mode it was calculated in accordance with clause F)2)d)(i).

2.2.5 Environmental Conditions

Ambient Temperature	22.0 - 23.9 °C
Relative Humidity	24.8 - 38.0 %



2.2.6 Test Results

6 GHz WLAN

SISO

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	97.8
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.85
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-	2.78	-	-	-	5.41	8.19	24.00	-15.81
6175	3.31	-	-	-	-	4.85	8.16	24.00	-15.84
6415	3.50	-	-	-	-	4.84	8.34	24.00	-15.66

Table 130 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	96.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.85
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-	3.33	-	-	-	5.41	8.74	24.00	-15.26
6175	3.95	-	-	-	-	4.85	8.80	24.00	-15.20
6415	3.94	-	-	-	-	4.84	8.78	24.00	-15.22

Table 131 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	96.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.85
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	-	5.91	-	-	-	5.41	11.32	24.00	-12.68
6165	6.45	-	-	-	-	4.85	11.30	24.00	-12.70
6405	6.36	-	-	-	-	4.84	11.20	24.00	-12.80

Table 132 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.85
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	-	8.66	-	-	-	5.41	14.07	24.00	-9.93
6145	9.29	-	-	-	-	4.85	14.14	24.00	-9.86
6385	9.45	-	-	-	-	4.84	14.29	24.00	-9.71

Table 133 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.41
Active Port(s):	A (Core 0) B (Core 1)	Active Chain Id(s):	0 1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	-	11.88	-	-	-	5.41	17.29	30.00	-12.71
6185	12.42	-	-	-	-	4.85	17.27	30.00	-12.73
6345	12.42	-	-	-	-	4.84	17.26	30.00	-12.74

Table 134 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	97.8
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.15
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435	2.91	-	-	-	-	5.15	8.06	24.00	-15.94
6475	2.92	-	-	-	-	5.15	8.07	24.00	-15.93
6515	2.96	-	-	-	-	5.15	8.11	24.00	-15.89

Table 135 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	96.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.15
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435	3.60	-	-	-	-	5.15	8.75	24.00	-15.25
6475	3.60	-	-	-	-	5.15	8.75	24.00	-15.25
6515	3.63	-	-	-	-	5.15	8.78	24.00	-15.22

Table 136 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.15
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6445	6.11	-	-	-	-	5.15	11.26	24.00	-12.74
6485	5.96	-	-	-	-	5.15	11.11	24.00	-12.89
6525	2.43	-	-	-	-	5.15	7.58	24.00	-16.42

Table 137 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.15
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6465	9.06	-	-	-	-	5.15	14.21	24.00	-9.79
6545	2.15	-	-	-	-	5.15	7.30	24.00	-16.70

Table 138 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-TBD	Test Method(s):	C63.10 12.4.2.4
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.32
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.15
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6505	9.90	-	-	-	-	5.15	15.05	30.00	-14.95

Table 139 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	97.7
Data Rate:	12 Mbps	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6535	0.57	-	-	-	-	5.81	6.38	24.00	-17.62
6695	0.09	-	-	-	-	5.81	5.90	24.00	-18.10
6855	1.16	-	-	-	-	5.81	6.97	24.00	-17.03
6875	-1.87	-	-	-	-	5.81	3.94	24.00	-20.06

Table 140 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	96.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.17
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6535	1.21	-	-	-	-	5.81	7.02	24.00	-16.98
6695	0.73	-	-	-	-	5.81	6.54	24.00	-17.46
6855	1.81	-	-	-	-	5.81	7.62	24.00	-16.38
6875	-1.25	-	-	-	-	5.81	4.56	24.00	-19.44

Table 141 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6525	2.43	-	-	-	-	5.81	8.24	24.00	-15.76
6565	5.26	-	-	-	-	5.81	11.07	24.00	-12.93
6685	5.41	-	-	-	-	5.81	11.22	24.00	-12.78
6845	5.45	-	-	-	-	5.81	11.26	24.00	-12.74
6885	-0.71	-	-	-	-	5.81	5.10	24.00	-18.90

Table 142 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6545	7.20	-	-	-	-	5.81	13.01	24.00	-10.99
6625	7.96	-	-	-	-	5.81	13.77	24.00	-10.23
6705	8.35	-	-	-	-	5.81	14.16	24.00	-9.84
6785	8.46	-	-	-	-	5.81	14.27	24.00	-9.73
6865	6.50	-	-	-	-	5.81	12.31	24.00	-11.69

Table 143 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-TBD	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.32
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6505	6.12	-	-	-	-	5.81	11.93	30.00	-18.07
6665	11.42	-	-	-	-	5.81	17.23	30.00	-12.77
6825	10.82	-	-	-	-	5.81	16.63	30.00	-13.37

Table 144 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	97.7
Data Rate:	12 Mbps	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6875	-2.01	-	-	-	-	5.81	3.80	24.00	-20.20
6895	3.13	-	-	-	-	4.91	8.04	24.00	-15.96
6995	3.43	-	-	-	-	4.91	8.34	24.00	-15.66
7115	1.10	-	-	-	-	4.91	6.01	24.00	-17.99

Table 145 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	96.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.17
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6875	-1.40	-	-	-	-	5.81	4.41	24.00	-19.59
6895	3.78	-	-	-	-	4.91	8.69	24.00	-15.31
6995	3.72	-	-	-	-	4.91	8.63	24.00	-15.37
7115	-5.13	-	-	-	-	4.91	-0.22	24.00	-24.22

Table 146 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	96.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.17
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6885	4.26	-	-	-	-	5.81	10.07	24.00	-13.93
6925	6.22	-	-	-	-	4.91	11.13	24.00	-12.87
7005	6.10	-	-	-	-	4.91	11.01	24.00	-12.99
7085	6.30	-	-	-	-	4.91	11.21	24.00	-12.79

Table 147 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6865	3.48	-	-	-	-	5.81	9.29	24.00	-14.71
6945	9.48	-	-	-	-	4.91	14.39	24.00	-9.61
7025	9.38	-	-	-	-	4.91	14.29	24.00	-9.71

Table 148 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-TBD	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.32
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6825	1.55	-	-	-	-	4.91	6.46	30.00	-23.54
6985	12.20	-	-	-	-	4.91	17.11	30.00	-12.89

Table 149 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.85
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU26.0)	-	-6.35	-	-	-	5.41	-0.94	24.00	-24.94
6175 (RU26.0)	-5.72	-	-	-	-	4.85	-0.87	24.00	-24.87
6415 (RU26.8)	-5.80	-	-	-	-	4.84	-0.96	24.00	-24.96

Table 150 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.85
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU52.37)	-	-3.34	-	-	-	5.41	2.07	24.00	-21.93
6175 (RU52.37)	-2.69	-	-	-	-	4.85	2.16	24.00	-21.84
6415 (RU52.40)	-2.82	-	-	-	-	4.84	2.02	24.00	-21.98

Table 151 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.85
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	-	-0.19	-	-	-	5.41	5.22	24.00	-18.78
6175 (RU106.53)	0.40	-	-	-	-	4.85	5.25	24.00	-18.75
6415 (RU106.54)	0.40	-	-	-	-	4.84	5.24	24.00	-18.76

Table 152 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.15
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU26.0)	-6.17	-	-	-	-	5.15	-1.02	24.00	-25.02
6475 (RU26.0)	-6.15	-	-	-	-	5.15	-1.00	24.00	-25.00
6515 (RU26.8)	-6.25	-	-	-	-	5.15	-1.10	24.00	-25.10

Table 153 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.15
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU52.37)	-3.14	-	-	-	-	5.15	2.01	24.00	-21.99
6475 (RU52.37)	-3.20	-	-	-	-	5.15	1.95	24.00	-22.05
6515 (RU52.40)	-3.26	-	-	-	-	5.15	1.89	24.00	-22.11

Table 154 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.15
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU106.53)	-0.00	-	-	-	-	5.15	5.15	24.00	-18.85
6475 (RU106.53)	-0.01	-	-	-	-	5.15	5.14	24.00	-18.86
6515 (RU106.54)	0.18	-	-	-	-	5.15	5.33	24.00	-18.67

Table 155 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.11
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6535 (RU26.0)	-6.75	-	-	-	-	5.81	-0.94	24.00	-24.94
6695 (RU26.0)	-6.66	-	-	-	-	5.81	-0.85	24.00	-24.85
6855 (RU26.0)	-6.76	-	-	-	-	5.81	-0.95	24.00	-24.95
6875 (RU26.3)	-6.76	-	-	-	-	5.81	-0.95	24.00	-24.95
6875 (RU26.5)	-24.56	-	-	-	-	5.81	-18.75	24.00	-42.75

Table 156 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.11
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6535 (RU52.37)	-3.78	-	-	-	-	5.81	2.03	24.00	-21.97
6695 (RU52.37)	-3.69	-	-	-	-	5.81	2.12	24.00	-21.88
6855 (RU52.37)	-3.84	-	-	-	-	5.81	1.97	24.00	-22.03
6875 (RU52.38)	-3.72	-	-	-	-	5.81	2.09	24.00	-21.91
6875 (RU52.39)	-21.54	-	-	-	-	5.81	-15.73	24.00	-39.73

Table 157 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.07
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6535 (RU106.53)	-0.71	-	-	-	-	5.81	5.10	24.00	-18.90
6695 (RU106.53)	-0.83	-	-	-	-	5.81	4.98	24.00	-19.02
6855 (RU106.53)	-0.79	-	-	-	-	5.81	5.02	24.00	-18.98
6875 (RU106.53)	-0.72	-	-	-	-	5.81	5.09	24.00	-18.91
6875 (RU106.54)	-17.83	-	-	-	-	5.81	-12.02	24.00	-36.02

Table 158 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.11
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6875 (RU26.3)	-23.99	-	-	-	-	5.81	-18.17	24.00	-42.17
6875 (RU26.5)	-6.80	-	-	-	-	5.81	-0.99	24.00	-24.99
6895 (RU26.0)	-5.82	-	-	-	-	4.91	-0.91	24.00	-24.91
6995 (RU26.0)	-5.71	-	-	-	-	4.91	-0.80	24.00	-24.80

Table 159 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.11
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6875 (RU52.38)	-21.53	-	-	-	-	5.81	-15.72	24.00	-39.72
6875 (RU52.39)	-3.77	-	-	-	-	5.81	2.04	24.00	-21.96
6895 (RU52.37)	-2.59	-	-	-	-	4.91	2.32	24.00	-21.68
6995 (RU52.37)	-2.68	-	-	-	-	4.91	2.23	24.00	-21.77

Table 160 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.07
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6875 (RU106.53)	-17.55	-	-	-	-	5.81	-11.74	24.00	-35.74
6875 (RU106.54)	-0.80	-	-	-	-	5.81	5.01	24.00	-18.99
6895 (RU106.53)	0.25	-	-	-	-	4.91	5.16	24.00	-18.84
6995 (RU106.53)	0.39	-	-	-	-	4.91	5.30	24.00	-18.70

Table 161 - Maximum Conducted (average) Output Power Results



MIMO CDD

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	96.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.41
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-2.61	-3.22	-	-	0.11	5.41	5.52	24.00	-18.48
6175	-2.69	-2.20	-	-	0.57	4.85	5.42	24.00	-18.58
6415	-2.10	-2.70	-	-	0.62	4.84	5.46	24.00	-18.54

Table 162 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.41
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	-0.12	-1.11	-	-	2.42	5.41	7.83	24.00	-16.17
6165	0.50	0.37	-	-	3.44	4.85	8.29	24.00	-15.71
6405	0.67	0.56	-	-	3.62	4.84	8.46	24.00	-15.54

Table 163 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.41
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	0.89	0.50	-	-	3.71	5.41	9.12	24.00	-14.88
6145	3.64	3.65	-	-	6.65	4.85	11.50	24.00	-12.50
6385	3.93	4.03	-	-	6.99	4.84	11.83	24.00	-12.17

Table 164 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	92.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.41
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	5.83	5.86	-	-	8.84	5.41	14.25	30.00	-15.75
6185	6.66	6.69	-	-	9.66	4.85	14.51	30.00	-15.49
6345	7.03	6.84	-	-	9.93	4.84	14.77	30.00	-15.23

Table 165 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.15
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435	-2.12	-2.64	-	-	0.63	5.15	5.78	24.00	-18.22
6475	-2.40	-2.82	-	-	0.39	5.15	5.54	24.00	-18.46
6515	-2.20	-2.65	-	-	0.58	5.15	5.73	24.00	-18.27

Table 166 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f)(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.15
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6445	0.32	0.36	-	-	3.35	5.15	8.50	24.00	-15.50
6485	0.12	0.16	-	-	3.15	5.15	8.30	24.00	-15.70
6525	-3.17	-2.97	-	-	-0.05	5.15	5.10	24.00	-18.90

Table 167 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.15
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6465	3.70	3.61	-	-	6.66	5.15	11.81	24.00	-12.19
6545	-3.13	-3.64	-	-	-0.37	5.15	4.78	24.00	-19.22

Table 168 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	92.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.32
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.15
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6505	4.71	4.49	-	-	7.61	5.15	12.76	30.00	-17.24

Table 169 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	96.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.17
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6535	-2.79	-3.21	-	-	0.01	5.81	5.82	24.00	-18.18
6695	-2.66	-3.22	-	-	0.07	5.81	5.88	24.00	-18.12
6855	-2.86	-3.58	-	-	-0.21	5.81	5.60	24.00	-18.40
6875	-5.89	-6.55	-	-	-3.20	5.81	2.61	24.00	-21.39

Table 170 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6525	-3.25	-3.02	-	-	-0.12	5.81	5.69	24.00	-18.31
6565	-0.45	-0.16	-	-	2.70	5.81	8.51	24.00	-15.49
6685	-0.12	0.03	-	-	2.97	5.81	8.78	24.00	-15.22
6845	0.12	-0.35	-	-	2.90	5.81	8.71	24.00	-15.29
6885	-6.07	-6.58	-	-	-3.31	5.81	2.50	24.00	-21.50

Table 171 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6545	1.89	1.36	-	-	4.64	5.81	10.45	24.00	-13.55
6625	3.19	2.96	-	-	6.08	5.81	11.89	24.00	-12.11
6705	0.79	0.31	-	-	3.57	5.81	9.38	24.00	-14.62
6785	3.16	3.05	-	-	6.11	5.81	11.92	24.00	-12.08
6865	-0.14	-0.82	-	-	2.54	5.81	8.35	24.00	-15.65

Table 172 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	92.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.32
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6505	1.02	1.14	-	-	4.09	5.81	9.90	30.00	-20.10
6665	6.02	5.99	-	-	9.00	5.81	14.81	30.00	-15.19
6825	5.69	5.56	-	-	8.63	5.81	14.44	30.00	-15.56

Table 173 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	96.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.17
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6875	-6.05	-6.71	-	-	-3.36	5.81	2.45	24.00	-21.55
6895	-0.52	-1.11	-	-	2.21	4.91	7.12	24.00	-16.88
6995	-0.64	-0.97	-	-	2.20	4.91	7.11	24.00	-16.89
7115	-6.27	-7.45	-	-	-3.82	4.91	1.09	24.00	-22.91

Table 174 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6885	-1.05	-1.58	-	-	1.70	5.81	7.51	24.00	-16.49
6925	0.75	0.44	-	-	3.61	4.91	8.52	24.00	-15.48
7005	0.81	0.66	-	-	3.74	4.91	8.65	24.00	-15.35
7085	1.17	0.36	-	-	3.80	4.91	8.71	24.00	-15.29

Table 175 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6865	-3.04	-3.63	-	-	-0.32	5.81	5.49	24.00	-18.51
6945	4.94	4.74	-	-	7.84	4.91	12.75	24.00	-11.25
7025	4.83	4.79	-	-	7.82	4.91	12.73	24.00	-11.27

Table 176 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	93.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.31
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6825	-3.56	-3.34	-	-	-0.44	4.91	4.47	30.00	-25.53
6985	7.83	7.77	-	-	10.80	4.91	15.71	30.00	-14.29

Table 177 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.85
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6175 (RU52.37)	-9.03	-8.85	-	-	-5.93	4.85	-1.08	24.00	-25.08
6415 (RU52.40)	-8.16	-8.80	-	-	-5.46	4.84	-0.62	24.00	-24.62

Table 178 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.41
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	-6.10	-6.86	-	-	-3.45	5.41	1.96	24.00	-22.04
6175 (RU106.53)	-6.00	-5.74	-	-	-2.86	4.85	1.99	24.00	-22.01
6415 (RU106.54)	-5.21	-5.82	-	-	-2.49	4.84	2.35	24.00	-21.65

Table 179 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.15
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU52.37)	-8.80	-9.42	-	-	-6.09	5.15	-0.94	24.00	-24.94
6475 (RU52.37)	-8.52	-9.02	-	-	-5.75	5.15	-0.60	24.00	-24.60
6515 (RU52.40)	-8.69	-9.18	-	-	-5.92	5.15	-0.77	24.00	-24.77

Table 180 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.15
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU106.53)	-5.80	-6.38	-	-	-3.07	5.15	2.08	24.00	-21.92
6475 (RU106.53)	-5.82	-6.28	-	-	-3.04	5.15	2.11	24.00	-21.89
6515 (RU106.54)	-5.64	-6.11	-	-	-2.86	5.15	2.29	24.00	-21.71

Table 181 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.07
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6535 (RU106.53)	-6.15	-6.64	-	-	-3.38	5.81	2.43	24.00	-21.57
6695 (RU106.53)	-6.27	-6.85	-	-	-3.54	5.81	2.27	24.00	-21.73
6855 (RU106.53)	-6.16	-6.79	-	-	-3.45	5.81	2.36	24.00	-21.64
6875 (RU106.53)	-6.28	-6.94	-	-	-3.59	5.81	2.22	24.00	-21.78
6875 (RU106.54)	-23.35	-23.97	-	-	-20.64	5.81	-14.83	24.00	-38.83

Table 182 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.91
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6895 (RU52.37)	-7.32	-7.87	-	-	-4.58	4.91	0.33	24.00	-23.67
6995 (RU52.37)	-7.32	-7.48	-	-	-4.39	4.91	0.52	24.00	-23.48

Table 183 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.07
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6875 (RU106.53)	-24.14	-24.90	-	-	-21.49	5.81	-15.68	24.00	-39.68
6875 (RU106.54)	-6.40	-6.92	-	-	-3.64	5.81	2.17	24.00	-21.83
6895 (RU106.53)	-4.22	-4.93	-	-	-1.55	4.91	3.36	24.00	-20.64
6995 (RU106.53)	-4.25	-4.73	-	-	-1.47	4.91	3.44	24.00	-20.56

Table 184 - Maximum Conducted (average) Output Power Results



MIMO SDM

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	93.6
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.26
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	0.34	-0.17	-	-	3.10	5.26	8.36	24.00	-15.64
6175	0.41	0.73	-	-	3.57	4.60	8.18	24.00	-15.82
6415	1.33	0.77	-	-	4.06	4.11	8.17	24.00	-15.83

Table 185 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	93.5
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.26
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	1.45	0.35	-	-	3.93	5.26	9.19	24.00	-14.81
6165	3.42	3.49	-	-	6.46	4.60	11.06	24.00	-12.94
6405	4.15	4.11	-	-	7.13	4.11	11.24	24.00	-12.76

Table 186 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.26
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	5.98	5.63	-	-	8.81	5.26	14.08	24.00	-9.92
6145	6.70	6.63	-	-	9.68	4.60	14.28	24.00	-9.72
6385	7.20	7.14	-	-	10.18	4.11	14.29	24.00	-9.71

Table 187 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	89.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.26
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	8.80	8.48	-	-	11.62	5.26	16.88	30.00	-13.12
6185	9.53	9.64	-	-	12.56	4.60	17.16	30.00	-12.84
6345	9.97	10.00	-	-	12.96	4.11	17.07	30.00	-12.93

Table 188 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	93.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435	1.19	0.69	-	-	3.93	4.64	8.57	24.00	-15.43
6475	0.90	0.50	-	-	3.70	4.64	8.33	24.00	-15.67
6515	1.09	0.67	-	-	3.89	4.64	8.53	24.00	-15.47

Table 189 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	93.5
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.29
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6445	3.41	3.34	-	-	6.38	4.64	11.02	24.00	-12.98
6485	3.72	3.22	-	-	6.47	4.64	11.11	24.00	-12.89
6525	0.28	-0.05	-	-	3.13	4.64	7.76	24.00	-16.24

Table 190 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.32
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6465	6.50	6.34	-	-	9.42	4.64	14.06	24.00	-9.94
6545	-0.21	-0.60	-	-	2.61	4.64	7.25	24.00	-16.75

Table 191 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	89.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.49
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6505	7.70	7.27	-	-	10.50	4.64	15.14	30.00	-14.86

Table 192 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	93.6
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.29
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.04
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6535	0.69	0.30	-	-	3.50	5.04	8.54	24.00	-15.46
6695	0.62	0.29	-	-	3.46	5.04	8.50	24.00	-15.50
6855	0.61	-0.07	-	-	3.29	5.04	8.32	24.00	-15.68
6875	-2.47	-3.09	-	-	0.24	5.04	5.28	24.00	-18.72

Table 193 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	93.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.30
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.04
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6525	0.17	-0.09	-	-	3.05	5.04	8.09	24.00	-15.91
6565	0.08	0.31	-	-	3.20	5.04	8.23	24.00	-15.77
6685	0.72	0.84	-	-	3.78	5.04	8.81	24.00	-15.19
6845	0.91	0.24	-	-	3.59	5.04	8.63	24.00	-15.37
6885	-2.99	-3.06	-	-	-0.02	5.04	5.02	24.00	-18.98

Table 194 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.31
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.04
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6545	4.89	4.50	-	-	7.71	5.04	12.75	24.00	-11.25
6625	6.10	5.80	-	-	8.96	5.04	14.00	24.00	-10.00
6705	6.03	5.62	-	-	8.84	5.04	13.87	24.00	-10.13
6785	6.18	6.08	-	-	9.13	5.04	14.17	24.00	-9.83
6865	4.16	4.22	-	-	7.20	5.04	12.24	24.00	-11.76

Table 195 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	89.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.49
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.04
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6505	3.93	3.91	-	-	6.93	5.04	11.97	30.00	-18.03
6665	9.23	8.84	-	-	12.02	5.04	17.05	30.00	-12.95
6825	8.48	8.61	-	-	11.55	5.04	16.59	30.00	-13.41

Table 196 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	93.6
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.29
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.04
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6875	-2.61	-3.22	-	-	0.11	5.04	5.14	24.00	-18.86
6895	1.54	0.92	-	-	4.25	3.62	7.87	24.00	-16.13
6995	1.48	1.09	-	-	4.29	3.62	7.92	24.00	-16.08
7115	-5.27	-6.54	-	-	-2.86	3.62	0.76	24.00	-23.24

Table 197 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	93.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.28
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.04
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6885	2.01	1.92	-	-	4.98	5.04	10.01	24.00	-13.99
6925	4.56	4.60	-	-	7.57	3.62	11.19	24.00	-12.81
7005	4.43	4.44	-	-	7.43	3.62	11.05	24.00	-12.95
7085	4.60	4.40	-	-	7.50	3.62	11.12	24.00	-12.88

Table 198 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.31
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.04
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6865	1.19	1.47	-	-	4.34	5.04	9.38	24.00	-14.62
6945	7.54	7.48	-	-	10.52	3.62	14.14	24.00	-9.86
7025	7.64	7.69	-	-	10.66	3.62	14.29	24.00	-9.71

Table 199 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	89.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.49
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.04
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6825	-0.80	-0.40	-	-	2.41	3.62	6.03	30.00	-23.97
6985	10.46	10.41	-	-	13.43	3.62	17.05	30.00	-12.95

Table 200 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.60
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6175 (RU26.0)	-8.98	-8.63	-	-	-5.79	4.60	-1.19	24.00	-25.19
6415 (RU26.8)	-8.26	-8.91	-	-	-5.56	4.11	-1.45	24.00	-25.45

Table 201 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.26
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU52.37)	-6.28	-7.08	-	-	-3.65	5.26	1.61	24.00	-22.39
6175 (RU52.37)	-6.03	-5.76	-	-	-2.88	4.60	1.72	24.00	-22.28
6415 (RU52.40)	-5.17	-5.82	-	-	-2.47	4.11	1.64	24.00	-22.36

Table 202 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.26
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	-3.15	-3.79	-	-	-0.45	5.26	4.82	24.00	-19.18
6175 (RU106.53)	-2.98	-2.57	-	-	0.24	4.60	4.84	24.00	-19.16
6415 (RU106.54)	-2.25	-2.88	-	-	0.45	4.11	4.56	24.00	-19.44

Table 203 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU26.0)	-8.67	-9.29	-	-	-5.96	4.64	-1.32	24.00	-25.32
6475 (RU26.0)	-8.61	-9.12	-	-	-5.85	4.64	-1.21	24.00	-25.21
6515 (RU26.8)	-8.79	-9.31	-	-	-6.03	4.64	-1.39	24.00	-25.39

Table 204 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU52.37)	-5.72	-6.33	-	-	-3.00	4.64	1.64	24.00	-22.36
6475 (RU52.37)	-5.79	-6.28	-	-	-3.02	4.64	1.62	24.00	-22.38
6515 (RU52.40)	-5.82	-6.32	-	-	-3.05	4.64	1.59	24.00	-22.41

Table 205 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU106.53)	-2.72	-3.30	-	-	0.01	4.64	4.65	24.00	-19.35
6475 (RU106.53)	-2.66	-3.13	-	-	0.12	4.64	4.76	24.00	-19.24
6515 (RU106.54)	-2.81	-3.30	-	-	-0.04	4.64	4.60	24.00	-19.40

Table 206 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.11
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.04
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6535 (RU52.37)	-6.31	-6.84	-	-	-3.56	5.04	1.48	24.00	-22.52
6695 (RU52.37)	-6.21	-6.77	-	-	-3.47	5.04	1.57	24.00	-22.43
6855 (RU52.37)	-6.33	-6.97	-	-	-3.63	5.04	1.41	24.00	-22.59
6875 (RU52.37)	-6.21	-6.97	-	-	-3.56	5.04	1.48	24.00	-22.52
6875 (RU52.40)	-23.88	-24.43	-	-	-21.14	5.04	-16.10	24.00	-40.10

Table 207 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.07
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.04
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6535 (RU106.53)	-3.26	-3.72	-	-	-0.47	5.04	4.57	24.00	-19.43
6695 (RU106.53)	-3.25	-3.72	-	-	-0.47	5.04	4.57	24.00	-19.43
6855 (RU106.53)	-3.31	-4.03	-	-	-0.64	5.04	4.40	24.00	-19.60
6875 (RU106.53)	-3.22	-4.00	-	-	-0.58	5.04	4.45	24.00	-19.55
6875 (RU106.54)	-21.25	-21.03	-	-	-18.13	5.04	-13.09	24.00	-37.09

Table 208 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6895 (RU26.0)	-7.81	-8.55	-	-	-5.15	3.62	-1.53	24.00	-25.53
6995 (RU26.0)	-7.80	-8.07	-	-	-4.93	3.62	-1.30	24.00	-25.30

Table 209 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.11
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.04
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6875 (RU52.37)	-22.60	-24.23	-	-	-20.33	5.04	-15.29	24.00	-39.29
6875 (RU52.40)	-6.31	-7.04	-	-	-3.65	5.04	1.39	24.00	-22.61
6895 (RU52.37)	-4.78	-5.39	-	-	-2.07	3.62	1.56	24.00	-22.44
6995 (RU52.37)	-4.68	-5.00	-	-	-1.83	3.62	1.79	24.00	-22.21

Table 210 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.07
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.04
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6875 (RU106.53)	-20.06	-23.01	-	-	-18.28	5.04	-13.24	24.00	-37.24
6875 (RU106.54)	-3.30	-4.05	-	-	-0.65	5.04	4.39	24.00	-19.61
6895 (RU106.53)	-1.72	-2.32	-	-	1.00	3.62	4.62	24.00	-19.38
6995 (RU106.53)	-1.84	-2.18	-	-	1.00	3.62	4.62	24.00	-19.38

Table 211 - Maximum Conducted (average) Output Power Results



MIMO TxBF

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	93.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	8.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	2.93	3.42	-	-	6.18	8.27	14.45	24.00	-9.55
6145	2.89	3.58	-	-	6.21	7.61	13.81	24.00	-10.19
6385	3.78	4.17	-	-	6.97	7.08	14.06	24.00	-9.94

Table 212 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	94.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.25
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	7.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6465	3.32	3.66	-	-	6.50	7.63	14.14	24.00	-9.86
6545	-3.22	-3.44	-	-	-0.32	7.63	7.32	24.00	-16.68

Table 213 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	93.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.31
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	8.01
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6545	1.59	1.94	-	-	4.78	8.01	12.79	24.00	-11.21
6625	2.77	3.19	-	-	5.99	8.01	14.00	24.00	-10.00
6705	2.90	3.02	-	-	5.97	8.01	13.97	24.00	-10.03
6785	2.91	3.22	-	-	6.06	8.01	14.07	24.00	-9.93
6865	1.06	1.76	-	-	4.43	8.01	12.44	24.00	-11.56

Table 214 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	94.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	6.50
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6925	1.07	1.44	-	-	4.27	6.50	10.76	24.00	-13.24
7005	1.30	1.29	-	-	4.25	6.50	10.75	24.00	-13.25
7085	1.20	0.83	-	-	4.03	6.50	10.52	24.00	-13.48

Table 215 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	93.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.31
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	8.01
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6865	-1.66	-0.91	-	-	1.74	8.01	9.75	24.00	-14.25
6945	4.71	4.98	-	-	7.72	6.50	14.22	24.00	-9.78
7025	4.58	4.70	-	-	7.64	6.50	14.14	24.00	-9.86

Table 216 - Maximum Conducted (average) Output Power Results

FCC 47 CFR Part 15E, Limit Clause 15.407(a)(8)

For client devices operating under the control of an indoor access point in the 5.925–7.125 GHz bands, the maximum power spectral density must not exceed -1 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

ISED RSS-248, Limit Clause 4.6.3

The following limits shall apply to client devices:

- a) the maximum e.i.r.p. spectral density shall not exceed -1 dBm/MHz; and the maximum e.i.r.p. shall not exceed 24 dBm/occupied bandwidth.



2.2.7 Test Location and Test Equipment Used

This test was carried out in RF Laboratory 1.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Multimeter	Fluke	79 Series III	611	12	21-Dec-2022
Hygrometer	Rotronic	I-1000	3068	12	21-Sep-2023
Hygrometer	Rotronic	I-1000	3220	12	15-Nov-2023
Network Analyser	Rohde & Schwarz	ZVA 40	3548	12	24-Feb-2023
Frequency Standard	Spectracom	SecureSync 1200-0408-0601	4393	6	01-Feb-2023
AC Programmable Power Supply	iTech	IT7324	5226	-	O/P Mon
Attenuator 5W 30dB DC-18GHz	Aaren	AT40A-4041-D18-30	5502	12	21-Apr-2023
MXA Signal Analyser	Keysight Technologies	N9020B	5528	24	21-Mar-2024
2-Way Power Divider (2-8 GHz)	Aaren	AT30A-TE0208-2-AF	5685	12	20-Dec-2022
2-Way Power Divider (2-8 GHz)	Aaren	AT30A-TE0208-2-AF	5687	12	20-Dec-2022
Signal Conditioning Unit	TUV SUD	SPECTRUM SCU002	5759	12	05-Jul-2023
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	5765	-	O/P Mon
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	5766	-	O/P Mon
USB Power Sensor	Boonton	RTP5008	5830	12	07-Jul-2023
USB Power Sensor	Boonton	RTP5008	5832	12	07-Jul-2023
1500VA AC Power Supply	iTech	IT7324	5907	-	O/P Mon
Signal Analyser	Keysight Technologies	N9020B	5919	24	13-Mar-2024
USB Power Sensors, 50MHz to 8GHz	Boonton	RTP5008	5921	12	17-Feb-2023
USB Power Sensors, 50MHz to 8GHz	Boonton	RTP5008	5922	12	17-Feb-2023
Signal Conditioning Unit	TUV SUD	SPECTRUM SCU003	5932	12	10-May-2023
Coaxial Fixed Attenuator DC-18GHz 5W 10dB	RF-Lambda	RFS5G18B10SMP	6175	12	17-Jul-2023
Coaxial Fixed Attenuator DC-18GHz 5W 10dB	RF-Lambda	RFS5G18B10SMP	6176	12	17-Jul-2023

Table 217

O/P Mon – Output Monitored using calibrated equipment



2.3 Maximum Conducted Power Spectral Density

2.3.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (a)
ISED RSS-248, Clause 4.6

2.3.2 Equipment Under Test and Modification State

A2779, S/N: GG9H3Q9KG0 - Modification State 0
A2779, S/N: NX7LCFL417 - Modification State 0

2.3.3 Date of Test

12-October-2022 to 04-December-2022

2.3.4 Test Method

The test was performed in accordance with KDB 789033, clause F.

Where the EUT duty cycle was $< 98\%$ and repeatable within 2% , the spectrum analyser was set to trace (power) averaging and a duty cycle correction was added as calculated in the result tables below (Method SA-2). Where the duty cycle was $\geq 98\%$ the spectrum analyser was set to trace (power) averaging and no duty cycle correction made (Method SA-1). In all other cases the spectrum analyser trace was set to max hold (Method SA-3).

The output power was verified as being the same from each transmit core (within negligible tolerances), but the antenna gains were not identical. Therefore, the modes reported for SISO operation are those giving the highest EIRP and/or lowest conducted limit based on the antenna giving highest total gain.

MIMO output port summing was performed in accordance with KDB 662911 D01:

For the CDD results the Directional Gain was calculated in accordance with the equation given in clause F)2)f)(ii) summed for a single spacial stream.

For SDM modes Directional Gain was calculated in accordance with clause F)2)d)(ii).

For transmit beamforming (TxBF) mode it was calculated in accordance with clause F)2)d)(i).

2.3.5 Environmental Conditions

Ambient Temperature	22.0 - 23.9 °C
Relative Humidity	24.8 - 38.0 %



2.3.6 Test Results

6 GHz WLAN

SISO

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	97.8
Data Rate:	12 Mbps	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.85
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-	-8.14	-	-	-	5.41	-2.73	-1.00	-1.73
6175	-8.06	-	-	-	-	4.85	-3.21	-1.00	-2.21
6415	-7.65	-	-	-	-	4.84	-2.81	-1.00	-1.81

Table 218 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	96.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.17
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.85
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-	-7.92	-	-	-	5.41	-2.51	-1.00	-1.51
6175	-7.79	-	-	-	-	4.85	-2.94	-1.00	-1.94
6415	-7.59	-	-	-	-	4.84	-2.75	-1.00	-1.75

Table 219 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	96.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.16
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.85
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	-	-8.34	-	-	-	5.41	-2.93	-1.00	-1.93
6165	-7.94	-	-	-	-	4.85	-3.09	-1.00	-2.09
6405	-7.66	-	-	-	-	4.84	-2.82	-1.00	-1.82

Table 220 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.85
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	-	-8.42	-	-	-	5.41	-3.01	-1.00	-2.01
6145	-7.88	-	-	-	-	4.85	-3.03	-1.00	-2.03
6385	-7.52	-	-	-	-	4.84	-2.68	-1.00	-1.68

Table 221 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.32
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.41
Active Port(s):	A (Core 0) B (Core 1)	Active Chain Id(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	-	-7.53	-	-	-	5.41	-2.12	-1.00	-1.12
6185	-6.44	-	-	-	-	4.85	-1.59	-1.00	-0.59
6345	-6.32	-	-	-	-	4.84	-1.48	-1.00	-0.48

Table 222 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	97.8
Data Rate:	12 Mbps	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.15
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435	-7.99	-	-	-	-	5.15	-2.84	-1.00	-1.84
6475	-8.16	-	-	-	-	5.15	-3.01	-1.00	-2.01
6515	-8.09	-	-	-	-	5.15	-2.94	-1.00	-1.94

Table 223 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	96.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.16
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.15
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435	-7.84	-	-	-	-	5.15	-2.69	-1.00	-1.69
6475	-8.07	-	-	-	-	5.15	-2.92	-1.00	-1.92
6515	-7.73	-	-	-	-	5.15	-2.58	-1.00	-1.58

Table 224 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.15
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6445	-8.52	-	-	-	-	5.15	-3.37	-1.00	-2.37
6485	-8.20	-	-	-	-	5.15	-3.05	-1.00	-2.05
6525	-8.80	-	-	-	-	5.15	-3.65	-1.00	-2.65

Table 225 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.15
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6465	-8.29	-	-	-	-	5.15	-3.14	-1.00	-2.14
6545	-9.34	-	-	-	-	5.15	-4.19	-1.00	-3.19

Table 226 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.32
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.15
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6505	-7.63	-	-	-	-	5.15	-2.48	-1.00	-1.48

Table 227 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	97.7
Data Rate:	12 Mbps	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6535	-10.70	-	-	-	-	5.81	-4.89	-1.00	-3.89
6695	-11.04	-	-	-	-	5.81	-5.23	-1.00	-4.23
6855	-9.83	-	-	-	-	5.81	-4.02	-1.00	-3.02
6875	-10.25	-	-	-	-	5.81	-4.44	-1.00	-3.44

Table 228 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	96.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.17
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6535	-10.45	-	-	-	-	5.81	-4.64	-1.00	-3.64
6695	-10.90	-	-	-	-	5.81	-5.09	-1.00	-4.09
6855	-9.96	-	-	-	-	5.81	-4.15	-1.00	-3.15
6875	-9.96	-	-	-	-	5.81	-4.15	-1.00	-3.15

Table 229 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6525	-8.74	-	-	-	-	5.81	-2.93	-1.00	-1.93
6565	-9.28	-	-	-	-	5.81	-3.47	-1.00	-2.47
6685	-9.04	-	-	-	-	5.81	-3.23	-1.00	-2.23
6845	-9.04	-	-	-	-	5.81	-3.23	-1.00	-2.23
6885	-9.31	-	-	-	-	5.81	-3.50	-1.00	-2.50

Table 230 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6545	-8.92	-	-	-	-	5.81	-3.11	-1.00	-2.11
6625	-9.22	-	-	-	-	5.81	-3.41	-1.00	-2.41
6705	-8.55	-	-	-	-	5.81	-2.74	-1.00	-1.74
6785	-8.02	-	-	-	-	5.81	-2.21	-1.00	-1.21
6865	-8.21	-	-	-	-	5.81	-2.40	-1.00	-1.40

Table 231 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.32
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6505	-8.18	-	-	-	-	5.81	-2.37	-1.00	-1.37
6665	-7.43	-	-	-	-	5.81	-1.62	-1.00	-0.62
6825	-6.93	-	-	-	-	5.81	-1.12	-1.00	-0.12

Table 232 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	97.7
Data Rate:	12 Mbps	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6875	-10.14	-	-	-	-	5.81	-4.33	-1.00	-3.33
6895	-7.88	-	-	-	-	4.91	-2.97	-1.00	-1.97
6995	-7.79	-	-	-	-	4.91	-2.88	-1.00	-1.88
7115	-9.99	-	-	-	-	4.91	-5.08	-1.00	-4.08

Table 233 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	96.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.17
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6875	-10.12	-	-	-	-	5.81	-4.31	-1.00	-3.31
6895	-7.61	-	-	-	-	4.91	-2.70	-1.00	-1.70
6995	-7.97	-	-	-	-	4.91	-3.06	-1.00	-2.06
7115	-16.84	-	-	-	-	4.91	-11.93	-1.00	-10.93

Table 234 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	96.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.17
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6885	-8.94	-	-	-	-	5.81	-3.13	-1.00	-2.13
6925	-8.40	-	-	-	-	4.91	-3.49	-1.00	-2.49
7005	-8.56	-	-	-	-	4.91	-3.65	-1.00	-2.65
7085	-8.28	-	-	-	-	4.91	-3.37	-1.00	-2.37

Table 235 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6865	-8.99	-	-	-	-	5.81	-3.18	-1.00	-2.18
6945	-7.76	-	-	-	-	4.91	-2.85	-1.00	-1.85
7025	-7.67	-	-	-	-	4.91	-2.76	-1.00	-1.76

Table 236 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.32
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6825	-10.75	-	-	-	-	4.91	-5.84	-1.00	-4.84
6985	-6.82	-	-	-	-	4.91	-1.91	-1.00	-0.91

Table 237 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.11
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.85
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU26.0)	-	-8..05	-	-	-	5.41	-2.64	-1.00	-1.64
6175 (RU26.0)	-8.61	-	-	-	-	4.85	-3.76	-1.00	-2.76
6415 (RU26.8)	-8.10	-	-	-	-	4.84	-3.25	-1.00	-2.25

Table 238 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.11
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.85
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU52.37)	-	-8.38	-	-	-	5.41	-2.97	-1.00	-1.97
6175 (RU52.37)	-8.42	-	-	-	-	4.85	-3.57	-1.00	-2.57
6415 (RU52.40)	-8.07	-	-	-	-	4.84	-3.23	-1.00	-2.23

Table 239 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.07
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.85
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	-	-8.28	-	-	-	5.41	-2.87	-1.00	-1.87
6175 (RU106.53)	-8.27	-	-	-	-	4.85	-3.42	-1.00	-2.42
6415 (RU106.54)	-7.72	-	-	-	-	4.84	-2.88	-1.00	-1.88

Table 240 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.11
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.15
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU26.0)	-8.95	-	-	-	-	5.15	-3.80	-1.00	-2.80
6475 (RU26.0)	-8.80	-	-	-	-	5.15	-3.65	-1.00	-2.65
6515 (RU26.8)	-8.94	-	-	-	-	5.15	-3.79	-1.00	-2.79

Table 241 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.11
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.15
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU52.37)	-8.57	-	-	-	-	5.15	-3.42	-1.00	-2.42
6475 (RU52.37)	-8.50	-	-	-	-	5.15	-3.35	-1.00	-2.35
6515 (RU52.40)	-8.45	-	-	-	-	5.15	-3.30	-1.00	-2.30

Table 242 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.07
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.15
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU106.53)	-8.29	-	-	-	-	5.15	-3.16	-1.00	-2.16
6475 (RU106.53)	-8.36	-	-	-	-	5.15	-3.21	-1.00	-2.21
6515 (RU106.54)	-7.91	-	-	-	-	5.15	-2.75	-1.00	-1.75

Table 243 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.11
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6535 (RU26.0)	-9.39	-	-	-	-	5.81	-3.69	-1.00	-2.69
6695 (RU26.0)	-8.99	-	-	-	-	5.81	-3.29	-1.00	-2.29
6855 (RU26.0)	-8.96	-	-	-	-	5.81	-3.26	-1.00	-2.26
6875 (RU26.3)	-9.25	-	-	-	-	5.81	-3.55	-1.00	-2.55
6875 (RU26.5)	-30.46	-	-	-	-	5.81	-24.65	-1.00	-23.65

Table 244 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.11
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6535 (RU52.37)	-9.07	-	-	-	-	5.81	-3.27	-1.00	-2.27
6695 (RU52.37)	-9.01	-	-	-	-	5.81	-3.00	-1.00	-2.20
6855 (RU52.37)	-8.00	-	-	-	-	5.81	-2.89	-1.00	-1.89
6875 (RU52.38)	-8.63	-	-	-	-	5.81	-2.82	-1.00	-1.82
6875 (RU52.39)	-26.45	-	-	-	-	5.81	-20.62	-1.00	-19.62

Table 245 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.07
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6535 (RU106.53)	-8.77	-	-	-	-	5.81	-2.96	-1.00	-1.96
6695 (RU106.53)	-8.98	-	-	-	-	5.81	-3.17	-1.00	-2.17
6855 (RU106.53)	-8.87	-	-	-	-	5.81	-3.06	-1.00	-2.06
6875 (RU106.53)	-9.11	-	-	-	-	5.81	-3.30	-1.00	-2.30
6875 (RU106.54)	-23.39	-	-	-	-	5.81	-17.58	-1.00	-16.58

Table 246 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.11
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6875 (RU26.3)	-30.00	-	-	-	-	5.81	-24.19	-1.00	-23.19
6875 (RU26.5)	-9.18	-	-	-	-	5.81	-3.37	-1.00	-2.37
6895 (RU26.0)	-8.24	-	-	-	-	4.91	-3.33	-1.00	-2.33
6995 (RU26.0)	-8.69	-	-	-	-	4.91	-3.78	-1.00	-2.78

Table 247 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.11
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6875 (RU52.38)	-27.17	-	-	-	-	5.81	-21.36	-1.00	-20.36
6875 (RU52.39)	-9.08	-	-	-	-	5.81	-3.27	-1.00	-2.27
6895 (RU52.37)	-7.66	-	-	-	-	4.91	-2.75	-1.00	-1.75
6995 (RU52.37)	-8.07	-	-	-	-	4.91	-3.16	-1.00	-2.16

Table 248 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.07
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.81
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6875 (RU106.53)	-23.18	-	-	-	-	5.81	-17.37	-1.00	-16.37
6875 (RU106.54)	-9.11	-	-	-	-	5.81	-3.30	-1.00	-2.30
6895 (RU106.53)	-7.95	-	-	-	-	4.91	-3.04	-1.00	-2.04
6995 (RU106.53)	-7.98	-	-	-	-	4.91	-3.07	-1.00	-2.07

Table 249 - Maximum Power Spectral Density Results



MIMO CDD

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	96.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.17
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-14.08	-14.80	-	-	-11.42	8.27	-3.15	-1.00	-2.15
6175	-14.83	-14.63	-	-	-11.72	7.61	-4.11	-1.00	-3.11
6415	-13.86	-14.59	-	-	-11.20	7.08	-4.11	-1.00	-3.11

Table 250 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	-14.56	-15.58	-	-	-12.03	8.27	-3.76	-1.00	-2.76
6165	-14.42	-14.83	-	-	-11.61	7.61	-4.00	-1.00	-3.00
6405	-13.90	-14.12	-	-	-11.00	7.08	-3.92	-1.00	-2.92

Table 251 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	-16.54	-17.21	-	-	-13.85	8.27	-5.58	-1.00	-4.58
6145	-13.74	-13.67	-	-	-10.70	7.61	-3.09	-1.00	-2.09
6385	-13.02	-13.19	-	-	-10.09	7.08	-3.01	-1.00	-2.01

Table 252 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	92.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.32
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	-13.18	-13.17	-	-	-10.16	8.27	-1.89	-1.00	-0.89
6185	-12.25	-12.42	-	-	-9.33	7.61	-1.72	-1.00	-0.72
6345	-11.91	-12.01	-	-	-8.95	7.08	-1.86	-1.00	-0.86

Table 253 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435	-13.95	-14.62	-	-	-11.26	7.63	-3.63	-1.00	-2.63
6475	-14.36	-15.02	-	-	-11.67	7.63	-4.03	-1.00	-3.03
6515	-13.83	-14.57	-	-	-11.17	7.63	-3.54	-1.00	-2.54

Table 254 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6445	-14.27	-14.70	-	-	-11.47	7.63	-3.84	-1.00	-2.84
6485	-14.67	-14.77	-	-	-11.71	7.63	-4.07	-1.00	-3.07
6525	-14.96	-14.89	-	-	-11.91	7.63	-4.28	-1.00	-3.28

Table 255 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6465	-13.43	-13.73	-	-	-10.57	7.63	-2.94	-1.00	-1.94
6545	-14.76	-15.10	-	-	-11.92	7.63	-4.29	-1.00	-3.29

Table 256 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	92.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.32
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6505	-12.33	-12.57	-	-	-9.44	7.63	-1.80	-1.00	-0.80

Table 257 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	96.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.17
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.01
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6535	-14.40	-15.01	-	-	-11.69	8.01	-3.68	-1.00	-2.68
6695	-14.58	-15.28	-	-	-11.91	8.01	-3.90	-1.00	-2.90
6855	-14.76	-15.43	-	-	-12.07	8.01	-4.06	-1.00	-3.06
6875	-14.64	-15.49	-	-	-12.03	8.01	-4.02	-1.00	-3.02

Table 258 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.01
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6525	-15.10	-14.96	-	-	-12.02	8.01	-4.01	-1.00	-3.01
6565	-15.48	-15.15	-	-	-12.30	8.01	-4.29	-1.00	-3.29
6685	-14.67	-14.69	-	-	-11.67	8.01	-3.66	-1.00	-2.66
6845	-14.54	-14.79	-	-	-11.66	8.01	-3.65	-1.00	-2.65
6885	-14.68	-15.46	-	-	-12.04	8.01	-4.04	-1.00	-3.04

Table 259 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.01
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6545	-13.93	-14.52	-	-	-11.20	8.01	-3.19	-1.00	-2.19
6625	-13.98	-14.31	-	-	-11.13	8.01	-3.12	-1.00	-2.12
6705	-16.44	-17.20	-	-	-13.79	8.01	-5.79	-1.00	-4.79
6785	-13.90	-13.87	-	-	-10.87	8.01	-2.87	-1.00	-1.87
6865	-15.69	-16.29	-	-	-12.97	8.01	-4.96	-1.00	-3.96

Table 260 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	92.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.32
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.01
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6505	-12.55	-12.82	-	-	-9.67	8.01	-1.66	-1.00	-0.66
6665	-12.71	-12.60	-	-	-9.65	8.01	-1.64	-1.00	-0.64
6825	-12.50	-12.43	-	-	-9.46	8.01	-1.45	-1.00	-0.45

Table 261 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	96.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.17
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.01
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6875	-14.95	-15.51	-	-	-12.21	8.01	-4.20	-1.00	-3.20
6895	-12.44	-12.97	-	-	-9.69	6.50	-3.19	-1.00	-2.19
6995	-12.67	-13.21	-	-	-9.92	6.50	-3.42	-1.00	-2.42
7115	-18.02	-19.23	-	-	-15.58	6.50	-9.08	-1.00	-8.08

Table 262 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.01
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6885	-14.49	-15.00	-	-	-11.73	8.01	-3.72	-1.00	-2.72
6925	-14.20	-14.63	-	-	-11.40	6.50	-4.90	-1.00	-3.90
7005	-14.04	-14.21	-	-	-11.12	6.50	-4.62	-1.00	-3.62
7085	-13.58	-14.56	-	-	-11.03	6.50	-4.54	-1.00	-3.54

Table 263 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.01
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6865	-15.94	-16.52	-	-	-13.21	8.01	-5.20	-1.00	-4.20
6945	-12.44	-12.54	-	-	-9.48	6.50	-2.98	-1.00	-1.98
7025	-12.15	-12.27	-	-	-9.20	6.50	-2.71	-1.00	-1.71

Table 264 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	93.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.31
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.01
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6825	-15.72	-15.74	-	-	-12.72	6.50	-6.22	-1.00	-5.22
6985	-10.98	-11.20	-	-	-8.08	6.50	-1.58	-1.00	-0.58

Table 265 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.11
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.61
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6175 (RU52.37)	-14.84	-14.62	-	-	-11.72	7.61	-4.11	-1.00	-3.11
6415 (RU52.40)	-13.44	-14.36	-	-	-10.87	7.08	-3.78	-1.00	-2.78

Table 266 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.07
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	-14.31	-14.80	-	-	-11.54	8.27	-3.27	-1.00	-2.27
6175 (RU106.53)	-14.70	-14.50	-	-	-11.59	7.61	-3.98	-1.00	-2.98
6415 (RU106.54)	-13.65	-14.17	-	-	-10.89	7.08	-3.81	-1.00	-2.81

Table 267 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.11
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU52.37)	-14.23	-14.94	-	-	-11.56	7.63	-3.93	-1.00	-2.93
6475 (RU52.37)	-13.71	-14.63	-	-	-11.14	7.63	-3.51	-1.00	-2.51
6515 (RU52.40)	-14.15	-14.47	-	-	-11.30	7.63	-3.66	-1.00	-2.66

Table 268 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.07
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU106.53)	-14.25	-15.04	-	-	-11.62	7.63	-3.98	-1.00	-2.98
6475 (RU106.53)	-14.12	-14.71	-	-	-11.39	7.63	-3.76	-1.00	-2.76
6515 (RU106.54)	-14.03	-14.50	-	-	-11.25	7.63	-3.62	-1.00	-2.62

Table 269 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.07
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.01
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6535 (RU106.53)	-14.49	-15.07	-	-	-11.76	8.01	-3.76	-1.00	-2.76
6695 (RU106.53)	-14.69	-15.44	-	-	-12.04	8.01	-4.03	-1.00	-3.03
6855 (RU106.53)	-14.52	-15.08	-	-	-11.78	8.01	-3.78	-1.00	-2.78
6875 (RU106.53)	-14.51	-14.97	-	-	-11.72	8.01	-3.71	-1.00	-2.71
6875 (RU106.54)	-28.17	-30.54	-	-	-26.18	8.01	-18.18	-1.00	-17.18

Table 270 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.11
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.50
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6895 (RU52.37)	-12.99	-13.00	-	-	-9.98	6.50	-3.49	-1.00	-2.49
6995 (RU52.37)	-12.90	-13.14	-	-	-10.01	6.50	-3.51	-1.00	-2.51

Table 271 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.07
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.01
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6875 (RU106.53)	-29.80	-29.70	-	-	-26.74	8.01	-18.73	-1.00	-17.73
6875 (RU106.54)	-14.68	-14.94	-	-	-11.80	8.01	-3.79	-1.00	-2.79
6895 (RU106.53)	-12.59	-13.09	-	-	-9.82	6.50	-3.33	-1.00	-2.33
6995 (RU106.53)	-12.78	-13.46	-	-	-10.10	6.50	-3.60	-1.00	-2.60

Table 272 - Maximum Power Spectral Density Results



MIMO SDM

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	93.6
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.29
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.26
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-11.13	-11.87	-	-	-8.48	5.26	-3.21	-1.00	-2.21
6175	-11.87	-11.70	-	-	-8.77	4.60	-4.17	-1.00	-3.17
6415	-10.32	-11.11	-	-	-7.69	4.11	-3.58	-1.00	-2.58

Table 273 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	93.5
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.29
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.26
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	-12.94	-14.04	-	-	-10.44	5.26	-5.18	-1.00	-4.18
6165	-11.11	-11.20	-	-	-8.14	4.60	-3.54	-1.00	-2.54
6405	-10.11	-10.27	-	-	-7.18	4.11	-3.07	-1.00	-2.07

Table 274 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.32
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.26
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	-11.17	-11.39	-	-	-8.27	5.26	-3.01	-1.00	-2.01
6145	-10.60	-10.71	-	-	-7.64	4.60	-3.04	-1.00	-2.04
6385	-9.82	-9.88	-	-	-6.84	4.11	-2.73	-1.00	-1.73

Table 275 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	89.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.49
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.26
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	-10.13	-10.44	-	-	-7.27	5.26	-2.01	-1.00	-1.01
6185	-9.03	-9.07	-	-	-6.04	4.60	-1.44	-1.00	-0.44
6345	-8.93	-8.93	-	-	-5.92	4.11	-1.81	-1.00	-0.81

Table 276 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	93.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.28
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435	-10.49	-11.37	-	-	-7.90	4.64	-3.26	-1.00	-2.26
6475	-10.83	-11.46	-	-	-8.12	4.64	-3.48	-1.00	-2.48
6515	-10.60	-11.17	-	-	-7.86	4.64	-3.22	-1.00	-2.22

Table 277 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	93.5
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.29
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6445	-10.89	-10.88	-	-	-7.88	4.64	-3.24	-1.00	-2.24
6485	-10.91	-11.11	-	-	-8.00	4.64	-3.36	-1.00	-2.36
6525	-10.78	-11.56	-	-	-8.14	4.64	-3.50	-1.00	-2.50

Table 278 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.32
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6465	-10.66	-10.84	-	-	-7.74	4.64	-3.10	-1.00	-2.10
6545	-11.42	-12.24	-	-	-8.80	4.64	-4.16	-1.00	-3.16

Table 279 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	89.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.49
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6505	-9.81	-10.17	-	-	-6.98	4.64	-2.34	-1.00	-1.34

Table 280 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	93.6
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.29
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.04
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6535	-11.18	-11.47	-	-	-8.31	5.04	-3.27	-1.00	-2.27
6695	-11.12	-11.68	-	-	-8.38	5.04	-3.34	-1.00	-2.34
6855	-11.02	-11.88	-	-	-8.41	5.04	-3.38	-1.00	-2.38
6875	-11.55	-11.88	-	-	-8.70	5.04	-3.66	-1.00	-2.66

Table 281 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	93.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.30
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.04
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6525	-11.18	-11.45	-	-	-8.30	5.04	-3.26	-1.00	-2.26
6565	-14.90	-14.38	-	-	-11.62	5.04	-6.58	-1.00	-5.58
6685	-13.91	-13.82	-	-	-10.85	5.04	-5.81	-1.00	-4.81
6845	-13.59	-14.16	-	-	-10.86	5.04	-5.82	-1.00	-4.82
6885	-11.26	-11.43	-	-	-8.33	5.04	-3.30	-1.00	-2.30

Table 282 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.31
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.04
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6545	-10.97	-11.92	-	-	-8.41	5.04	-3.37	-1.00	-2.37
6625	-11.04	-11.24	-	-	-8.13	5.04	-3.09	-1.00	-2.09
6705	-11.06	-11.79	-	-	-8.40	5.04	-3.36	-1.00	-2.36
6785	-11.05	-10.92	-	-	-7.97	5.04	-2.93	-1.00	-1.93
6865	-10.91	-11.12	-	-	-8.00	5.04	-2.96	-1.00	-1.96

Table 283 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	89.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.49
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.04
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6505	-10.16	-10.22	-	-	-7.18	5.04	-2.14	-1.00	-1.14
6665	-9.68	-9.76	-	-	-6.71	5.04	-1.67	-1.00	-0.67
6825	-9.49	-9.51	-	-	-6.49	5.04	-1.45	-1.00	-0.45

Table 284 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	93.6
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.29
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.04
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6875	-11.59	-11.95	-	-	-8.76	5.04	-3.72	-1.00	-2.72
6895	-10.11	-10.71	-	-	-7.39	3.62	-3.77	-1.00	-2.77
6995	-10.43	-11.14	-	-	-7.76	3.62	-4.14	-1.00	-3.14
7115	-17.08	-18.36	-	-	-14.66	3.62	-11.04	-1.00	-10.04

Table 285 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	93.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.28
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.04
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6885	-11.14	-11.07	-	-	-8.10	5.04	-3.06	-1.00	-2.06
6925	-9.76	-10.24	-	-	-6.98	3.62	-3.36	-1.00	-2.36
7005	-10.02	-10.03	-	-	-7.01	3.62	-3.39	-1.00	-2.39
7085	-9.76	-10.33	-	-	-7.03	3.62	-3.41	-1.00	-2.41

Table 286 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.31
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.04
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6865	-11.56	-11.24	-	-	-8.38	5.04	-3.35	-1.00	-2.35
6945	-9.55	-9.67	-	-	-6.60	3.62	-2.98	-1.00	-1.98
7025	-9.36	-9.38	-	-	-6.36	3.62	-2.74	-1.00	-1.74

Table 287 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	89.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.49
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.04
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6825	-12.53	-12.40	-	-	-9.45	3.62	-5.84	-1.00	-4.84
6985	-8.06	-8.38	-	-	-5.21	3.62	-1.58	-1.00	-0.58

Table 288 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.11
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.60
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6175 (RU26.0)	-11.98	-11.68	-	-	-8.82	4.60	-4.22	-1.00	-3.22
6415 (RU26.8)	-10.95	-11.79	-	-	-8.34	4.11	-4.23	-1.00	-3.23

Table 289 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.11
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.26
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU52.37)	-11.31	-12.03	-	-	-8.64	5.26	-3.38	-1.00	-2.38
6175 (RU52.37)	-11.78	-11.84	-	-	-8.80	4.60	-4.19	-1.00	-3.19
6415 (RU52.40)	-10.59	-11.29	-	-	-7.92	4.11	-3.81	-1.00	-2.81

Table 290 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.07
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.26
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	-11.09	-11.83	-	-	-8.43	5.26	-3.17	-1.00	-2.17
6175 (RU106.53)	-11.76	-11.28	-	-	-8.50	4.60	-3.90	-1.00	-2.90
6415 (RU106.54)	-10.52	-11.42	-	-	-7.94	4.11	-3.83	-1.00	-2.83

Table 291 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.11
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU26.0)	-11.36	-12.00	-	-	-8.66	4.64	-4.02	-1.00	-3.02
6475 (RU26.0)	-11.00	-12.03	-	-	-8.47	4.64	-3.83	-1.00	-2.83
6515 (RU26.8)	-11.45	-12.08	-	-	-8.74	4.64	-4.11	-1.00	-3.11

Table 292 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.11
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU52.37)	-11.24	-12.04	-	-	-8.61	4.64	-3.97	-1.00	-2.97
6475 (RU52.37)	-11.41	-11.73	-	-	-8.56	4.64	-3.92	-1.00	-2.92
6515 (RU52.40)	-11.29	-11.71	-	-	-8.48	4.64	-3.84	-1.00	-2.84

Table 293 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.07
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU106.53)	-10.81	-11.87	-	-	-8.30	4.64	-3.66	-1.00	-2.66
6475 (RU106.53)	-11.09	-11.73	-	-	-8.39	4.64	-3.75	-1.00	-2.75
6515 (RU106.54)	-11.12	-11.42	-	-	-8.26	4.64	-3.62	-1.00	-2.62

Table 294 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.11
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.04
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6535 (RU52.37)	-11.84	-12.23	-	-	-9.02	5.04	-3.98	-1.00	-2.98
6695 (RU52.37)	-11.86	-12.35	-	-	-9.09	5.04	-4.05	-1.00	-3.05
6855 (RU52.37)	-11.78	-12.42	-	-	-9.08	5.04	-4.04	-1.00	-3.04
6875 (RU52.37)	-11.56	-12.34	-	-	-8.92	5.04	-3.88	-1.00	-2.88
6875 (RU52.40)	-29.41	-29.20	-	-	-26.29	5.04	-21.26	-1.00	-20.26

Table 295 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.07
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.04
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6535 (RU106.53)	-11.80	-11.79	-	-	-8.78	5.04	-3.75	-1.00	-2.75
6695 (RU106.53)	-11.80	-12.29	-	-	-9.03	5.04	-3.99	-1.00	-2.99
6855 (RU106.53)	-11.52	-12.46	-	-	-8.95	5.04	-3.92	-1.00	-2.92
6875 (RU106.53)	-11.67	-12.33	-	-	-8.98	5.04	-3.94	-1.00	-2.94
6875 (RU106.54)	-26.89	-26.82	-	-	-23.84	5.04	-18.81	-1.00	-17.81

Table 296 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.11
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6895 (RU26.0)	-10.62	-11.16	-	-	-7.87	3.62	-4.25	-1.00	-3.25
6995 (RU26.0)	-10.69	-11.13	-	-	-7.89	3.62	-4.27	-1.00	-3.27

Table 297 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.11
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.04
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6875 (RU52.37)	-28.11	-30.58	-	-	-26.16	5.04	-21.12	-1.00	-20.12
6875 (RU52.40)	-11.69	-12.58	-	-	-9.10	5.04	-4.07	-1.00	-3.07
6895 (RU52.37)	-10.19	-10.81	-	-	-7.48	3.62	-3.86	-1.00	-2.86
6995 (RU52.37)	-10.28	-10.39	-	-	-7.32	3.62	-3.70	-1.00	-2.70

Table 298 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.07
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.04
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6875 (RU106.53)	-24.26	-27.12	-	-	-22.45	5.04	-17.41	-1.00	-16.41
6875 (RU106.54)	-11.43	-12.49	-	-	-8.92	5.04	-3.88	-1.00	-2.88
6895 (RU106.53)	-10.15	-10.72	-	-	-7.42	3.62	-3.79	-1.00	-2.79
6995 (RU106.53)	-10.10	-10.68	-	-	-7.37	3.62	-3.75	-1.00	-2.75

Table 299 - Maximum Power Spectral Density Results



MIMO TxBF

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	93.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.28
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	8.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	-14.29	-13.56	-	-	-10.90	8.27	-2.63	-1.00	-1.63
6145	-14.53	-14.03	-	-	-11.27	7.61	-3.66	-1.00	-2.66
6385	-13.37	-13.39	-	-	-10.37	7.08	-3.28	-1.00	-2.28

Table 300 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	94.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.25
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	7.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6465	-14.04	-13.64	-	-	-10.82	7.63	-3.19	-1.00	-2.19
6545	-14.43	-14.70	-	-	-11.55	7.63	-3.92	-1.00	-2.92

Table 301 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	93.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.31
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	8.01
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6545	-14.30	-13.76	-	-	-11.01	8.01	-3.00	-1.00	-2.00
6625	-14.30	-14.44	-	-	-11.36	8.01	-3.35	-1.00	-2.35
6705	-13.91	-13.97	-	-	-10.93	8.01	-2.92	-1.00	-1.92
6785	-14.46	-14.03	-	-	-11.23	8.01	-3.22	-1.00	-2.22
6865	-13.97	-13.69	-	-	-10.81	8.01	-2.81	-1.00	-1.81

Table 302 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	94.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.23
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	6.50
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6925	-13.45	-13.43	-	-	-10.43	6.50	-3.94	-1.00	-2.94
7005	-13.06	-13.54	-	-	-10.28	6.50	-3.79	-1.00	-2.79
7085	-13.12	-14.11	-	-	-10.58	6.50	-4.08	-1.00	-3.08

Table 303 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(7) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	93.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.31
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	8.01
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6865	-14.01	-14.12	-	-	-11.06	8.01	-3.05	-1.00	-2.05
6945	-12.33	-12.33	-	-	-9.32	6.50	-2.83	-1.00	-1.83
7025	-12.66	-12.41	-	-	-9.52	6.50	-3.03	-1.00	-2.03

Table 304 - Maximum Power Spectral Density Results

FCC 47 CFR Part 15E, Limit Clause 15.407(a)(8)

For client devices operating under the control of an indoor access point in the 5.925–7.125 GHz bands, the maximum power spectral density must not exceed -1 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

ISED RSS-248, Limit Clause 4.6.3

The following limits shall apply to client devices:

- a) the maximum e.i.r.p. spectral density shall not exceed -1 dBm/MHz; and the maximum e.i.r.p. shall not exceed 24 dBm/occupied bandwidth.



2.3.7 Test Location and Test Equipment Used

This test was carried out in RF Laboratory 1.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Multimeter	Fluke	79 Series III	611	12	21-Dec-2022
Hygrometer	Rotronic	I-1000	3068	12	21-Sep-2023
Hygrometer	Rotronic	I-1000	3220	12	05-Nov-2022
Network Analyser	Rohde & Schwarz	ZVA 40	3548	12	24-Feb-2023
Calibration Unit	Rohde & Schwarz	ZV-Z54	4368	12	24-Feb-2023
Frequency Standard	Spectracom	SecureSync 1200-0408-0601	4393	6	01-Feb-2023
AC Programmable Power Supply	iTech	IT7324	5226	-	O/P Mon
Attenuator 5W 30dB DC-18GHz	Aaren	AT40A-4041-D18-30	5502	12	21-Apr-2023
MXA Signal Analyser	Keysight Technologies	N9020B	5528	24	21-Mar-2024
2-Way Power Divider (2-8 GHz)	Aaren	AT30A-TE0208-2-AF	5685	12	20-Dec-2022
2-Way Power Divider (2-8 GHz)	Aaren	AT30A-TE0208-2-AF	5687	12	20-Dec-2022
Signal Conditioning Unit	TUV SUD	SPECTRUM SCU002	5759	12	05-Jul-2023
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	5765	-	O/P Mon
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	5766	-	O/P Mon
1500VA AC Power Supply	iTech	IT7324	5907	-	O/P Mon
Signal Analyser	Keysight Technologies	N9020B	5919	24	13-Mar-2024
Signal Conditioning Unit	TUV SUD	SPECTRUM SCU003	5932	12	10-May-2023
Coaxial Fixed Attenuator DC-18GHz 5W 10dB	RF-Lambda	RFS5G18B10SMP	6175	12	17-Jul-2023
Coaxial Fixed Attenuator DC-18GHz 5W 10dB	RF-Lambda	RFS5G18B10SMP	6176	12	17-Jul-2023

Table 305

O/P Mon – Output Monitored using calibrated equipment



2.4 Authorised Band Edges

2.4.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (b)
ISED RSS-248, Clause 4.7
ISED RSS-GEN, Clause 6.13

2.4.2 Equipment Under Test and Modification State

A2779, S/N: JM67M9K770 - Modification State 0

2.4.3 Date of Test

05-August-2022 to 11-November-2022

2.4.4 Test Method

The test was performed in accordance with ANSI C63.10, clause 6.6.

For U-NII-2C channels, the limit line on the following plots equated to -27 dBm/MHz. EIRP and was converted to field strength at 3 m using the following formula:

Field Strength (dBµV/m at 3 m) = EIRP (dBm) + 95.2 dB

Authorised band edge measurements were performed, with the device operating in SISO and MIMO configurations, across the various modes supported by the device.

The measurements displayed within this report, have been limited to those modes which have been shown to be worst case.

Further measurements are held on file by TÜV SÜD and are available if required.

2.4.5 Environmental Conditions

Ambient Temperature	20.9 - 22.7 °C
Relative Humidity	41.7 - 60.0 %

2.4.6 Test Results

6 GHz WLAN

20 MHz Bandwidth (SISO)

Mode	Data Rate /MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11a, Core 1	54 Mbps	-	-	5955	5925	56.76	44.93
802.11ax HE20, Core 1	MCS 2x1	SU	-	5955	5925	56.20	44.44
802.11ax HE20, Core 1	MCS 11x1	26	0	5955	5925	56.20	43.95
802.11a, Core 0	12 Mbps	-	-	7115	7125	82.88	65.50
802.11ax HE20, Core 0	MCS 2x1	SU	-	7115	7125	79.56	65.60

Table 306 - SISO Authorised Band Edge results

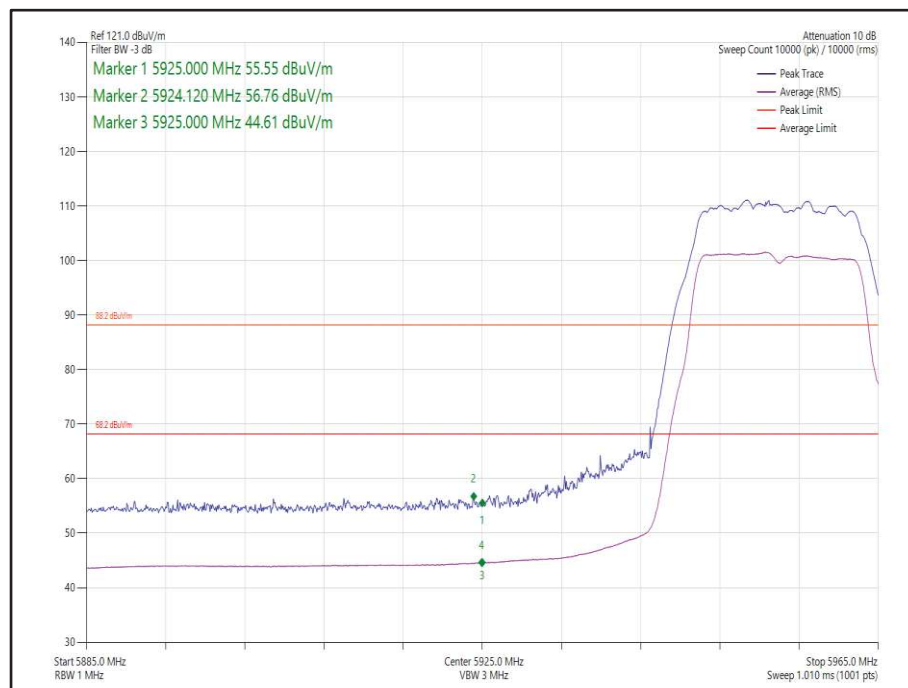


Figure 31 - 802.11a, Core 1 - 5955 MHz, Band Edge Frequency 5925 MHz

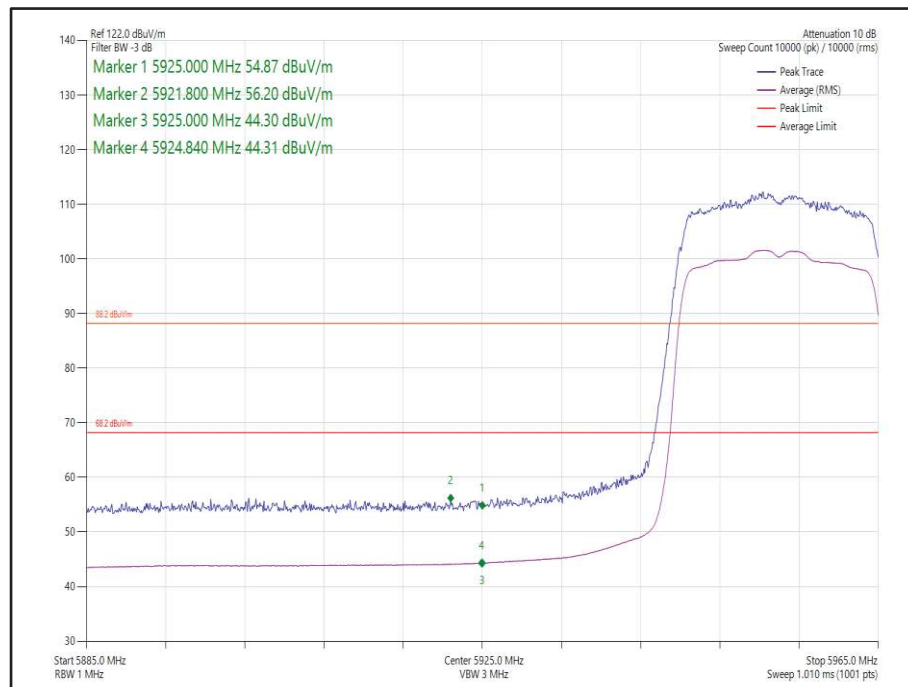


Figure 32- 802.11ax HE20, Core 1, SU - 5955 MHz, Band Edge Frequency 5925 MHz

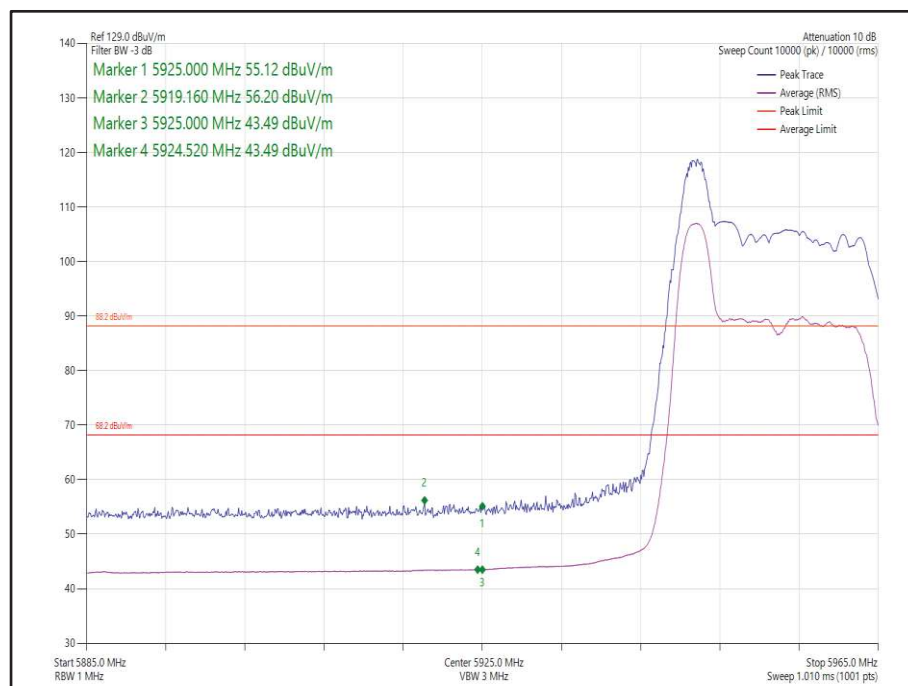


Figure 33- 802.11ax HE20, Core 1, 26-0 - 5955 MHz, Band Edge Frequency 5925 MHz

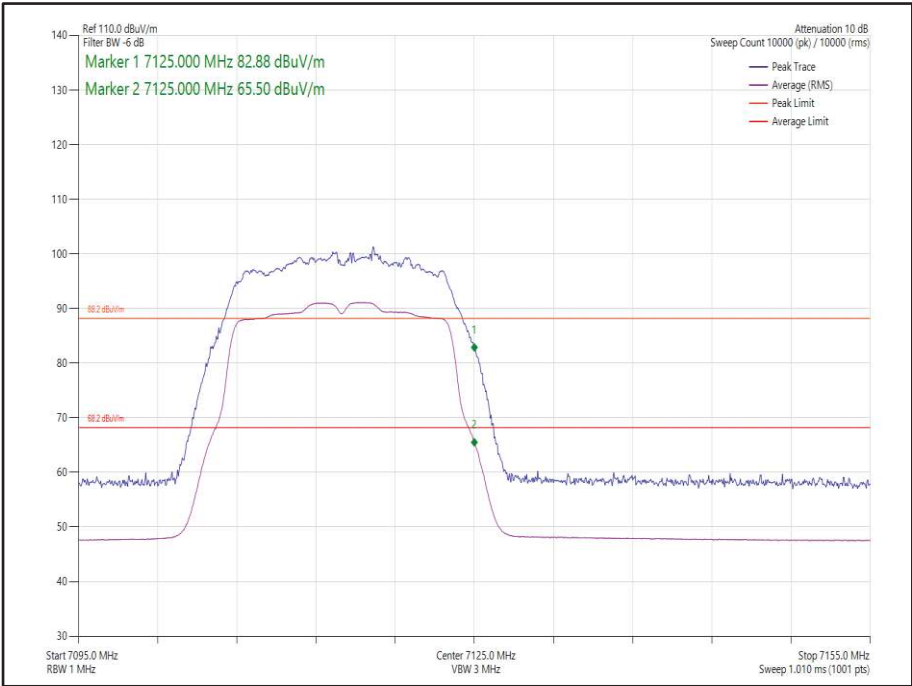


Figure 34 - 802.11a, Core 0 - 7115 MHz, Band Edge Frequency 7125 MHz

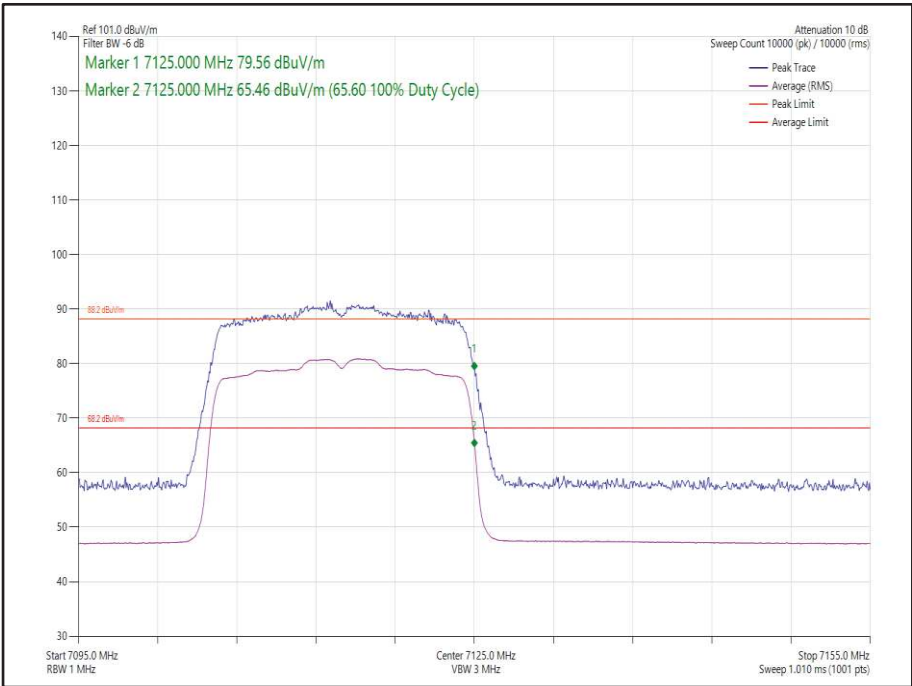
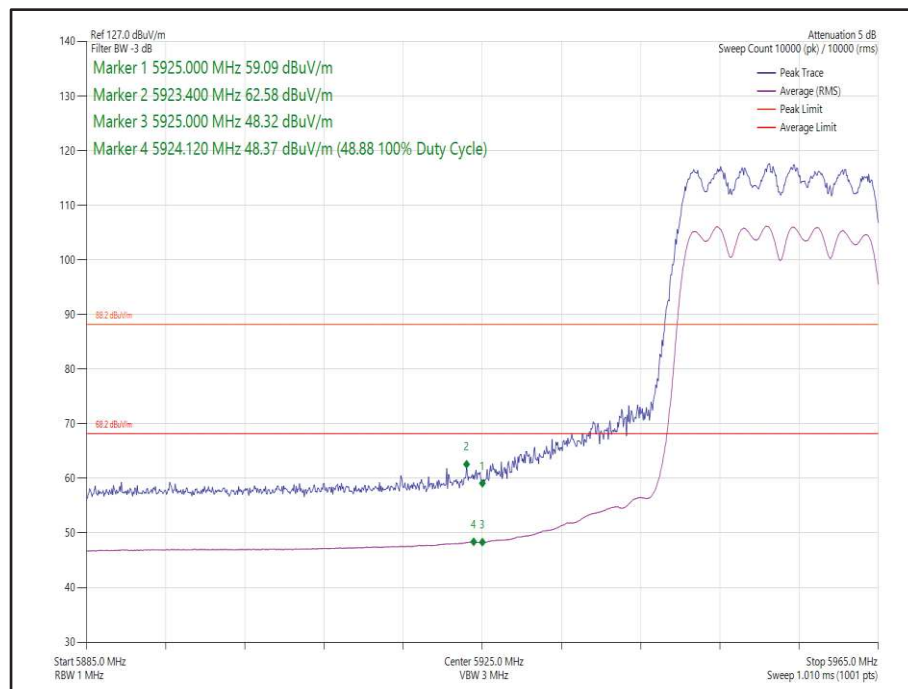


Figure 35- 802.11ax HE20, Core 0, SU - 7115 MHz, Band Edge Frequency 7125 MHz

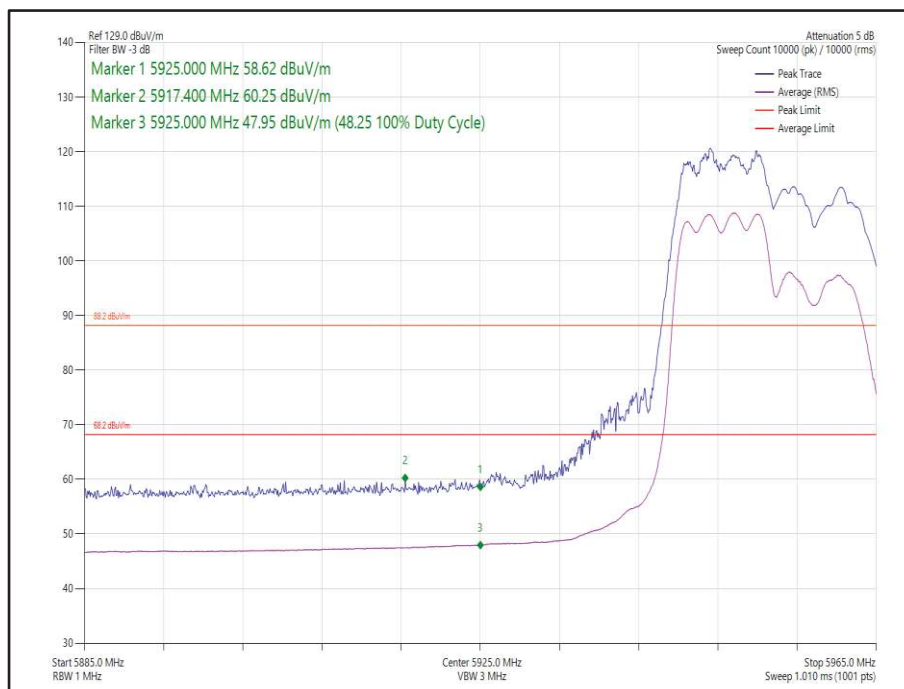
20 MHz Bandwidth (2TX MIMO)

Mode	Data Rate/ MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE20 CDD, Cores 0-1	MCS 11x1	SU	-	5955	5925	62.58	48.88
802.11ax HE20 CDD, Cores 0-1	MCS 11x1	106	53	5955	5925	60.25	48.25
802.11ax HE20 SDM, Cores 0-1	MCS 11x2	SU	-	5955	5925	62.63	46.87
802.11ax HE20 SDM, Cores 0-1	MCS 11x2	52	37	5955	5925	57.95	46.08
802.11ax HE20 CDD, Cores 0-1	MCS 11x1	SU	-	7115	7125	80.81	65.47
802.11ax HE20 SDM, Cores 0-1	MCS 11x2	SU	-	7115	7125	79.84	65.66

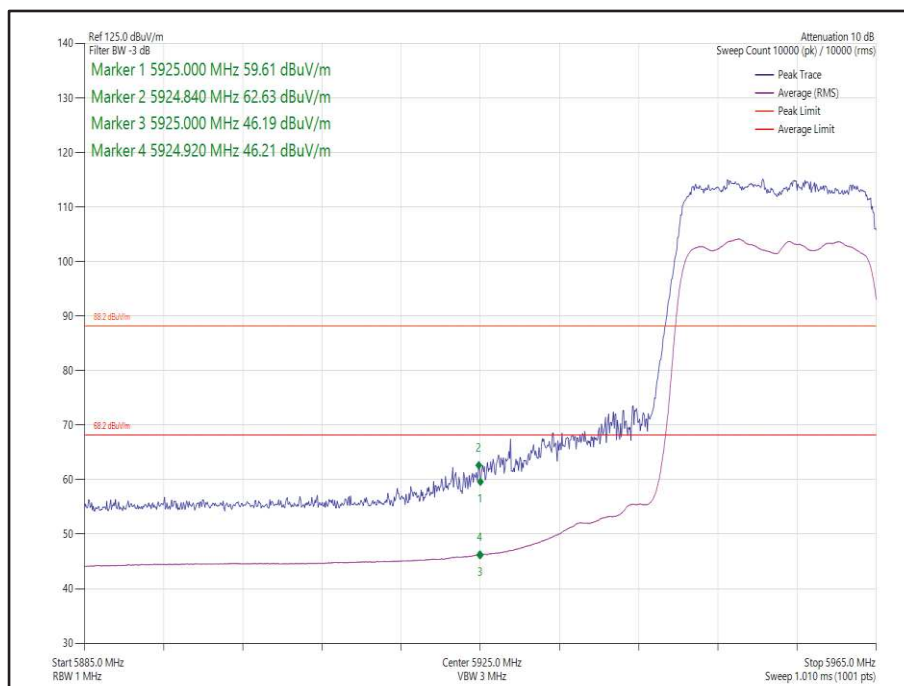
Table 307 - MIMO 2TX Authorised Band Edge Results



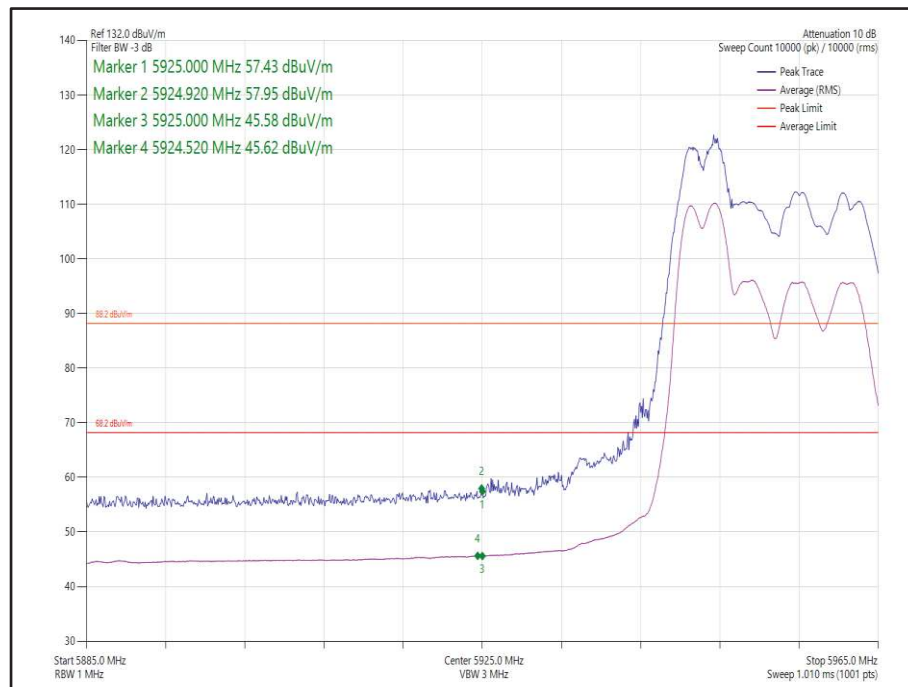
**Figure 36 - - 802.11ax HE20 CDD, Cores 0-1, SU - 5955 MHz
Band Edge Frequency 5925 MHz**



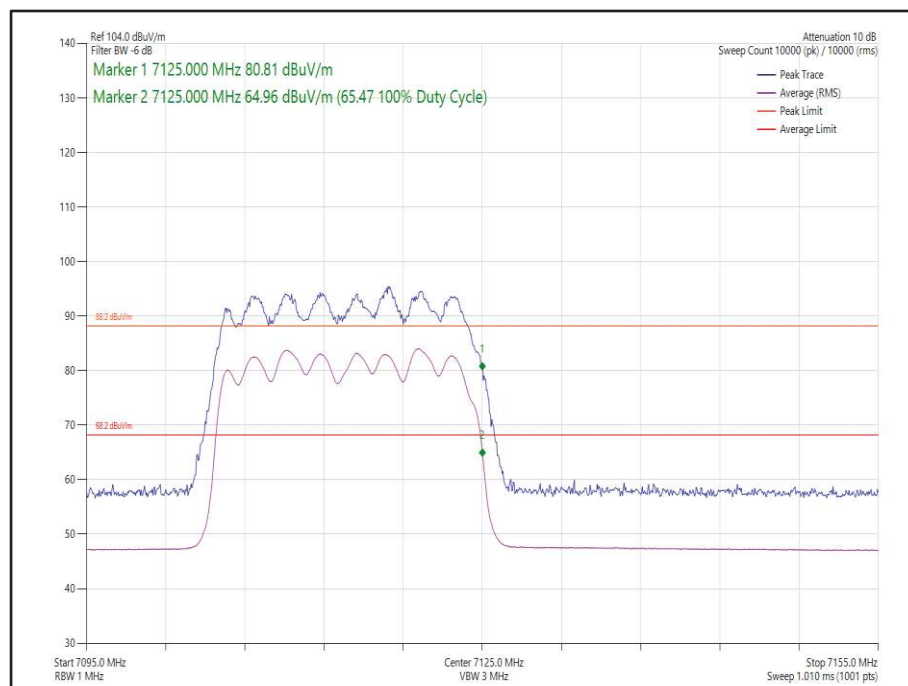
**Figure 37 - 802.11ax HE20 CDD, Cores 0-1 106-53 - 5955 MHz
Band Edge Frequency 5925 MHz**



**Figure 38 - - 802.11ax HE20 SDM, Cores 0-1 SU - 5955 MHz
Band Edge Frequency 5925 MHz**



**Figure 39 - 802.11ax HE20 SDM, Cores 0-1 52-37 - 5955 MHz
Band Edge Frequency 5925 MHz**



**Figure 40 - - 802.11ax HE20 CDD, Cores 0-1, SU - 7115 MHz
Band Edge Frequency 7125 MHz**

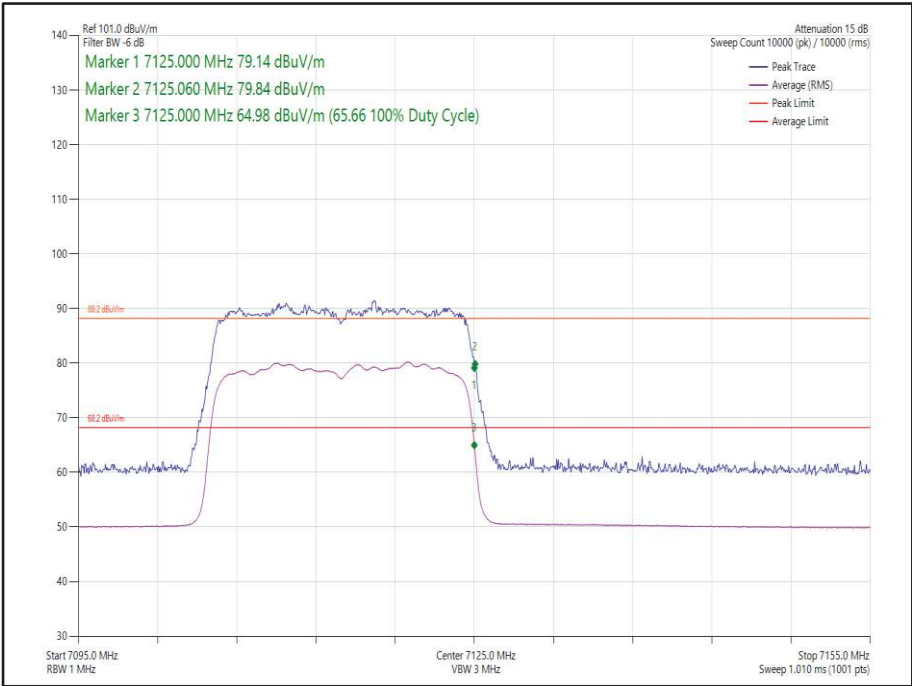
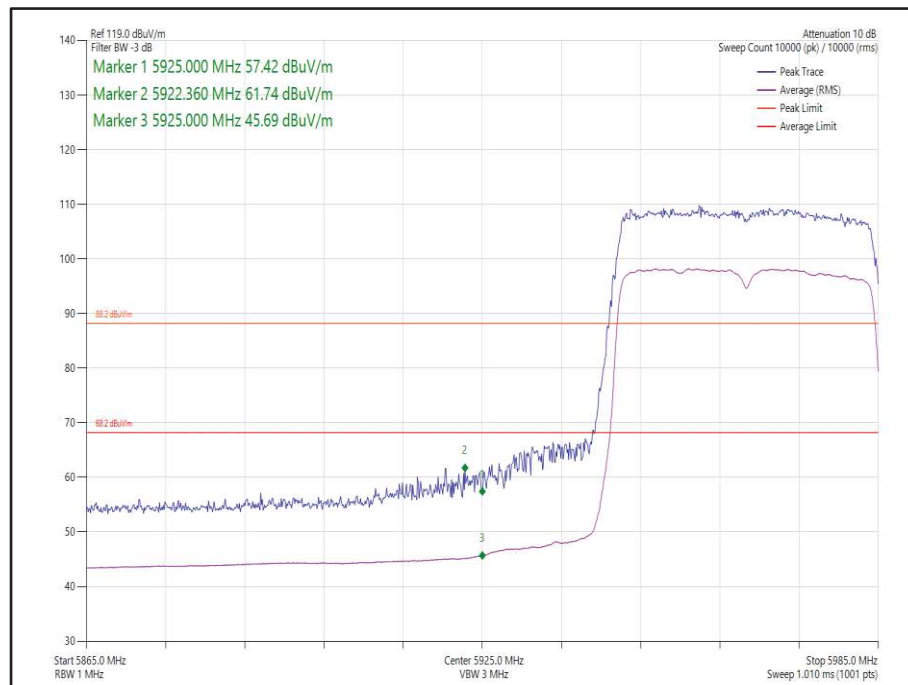


Figure 41 - - 802.11ax HE20 SDM, Cores 0-1, SU - 7115 MHz
Band Edge Frequency 7125 MHz

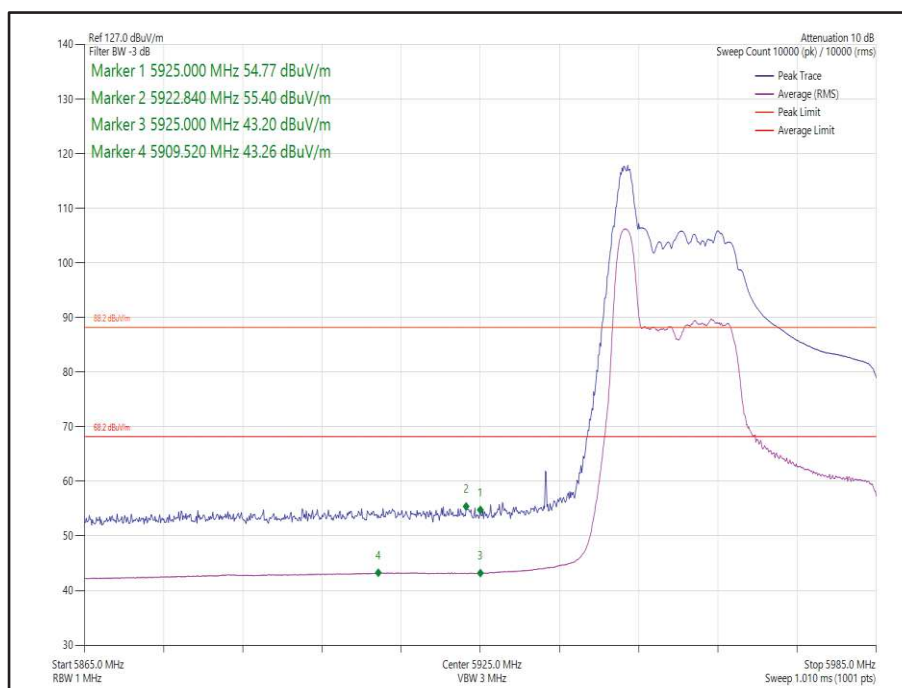
40 MHz Bandwidth (SISO)

Mode	Data Rate/MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE40, Core 1	MCS 11x1	SU	-	5965	5925	61.74	46.25
802.11ax HE40, Core 1	MCS 11x1	26	0	5965	5925	55.40	43.72
802.11ax HE40, Core 0	MCS 2x1	SU	-	7085	7125	59.35	47.53
802.11ax HE40, Core 0	MCS 11x1	26	17	7085	7125	59.39	44.97

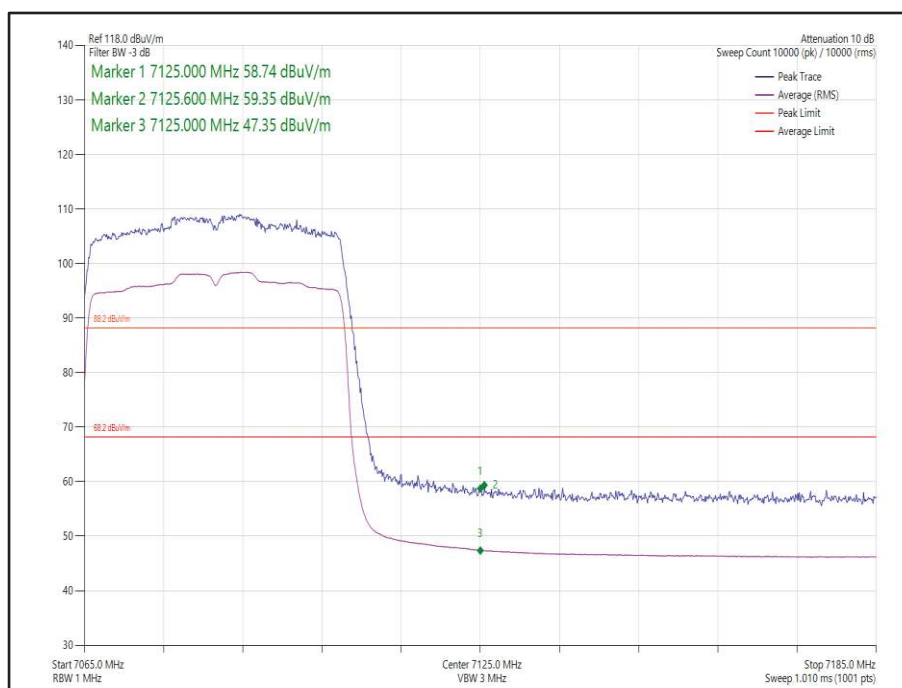
Table 308 - SISO Authorised Band Edge Results



**Figure 42 - 802.11ax HE40, Core 1, SU - 5965 MHz
Band Edge Frequency 5925 MHz**



**Figure 43 - 802.11ax HE40, Core 1, 26-0 - 5965 MHz
Band Edge Frequency 5925 MHz**



**Figure 44 - 802.11ax HE40, Core 0, SU - 7085 MHz
Band Edge Frequency 7125 MHz**

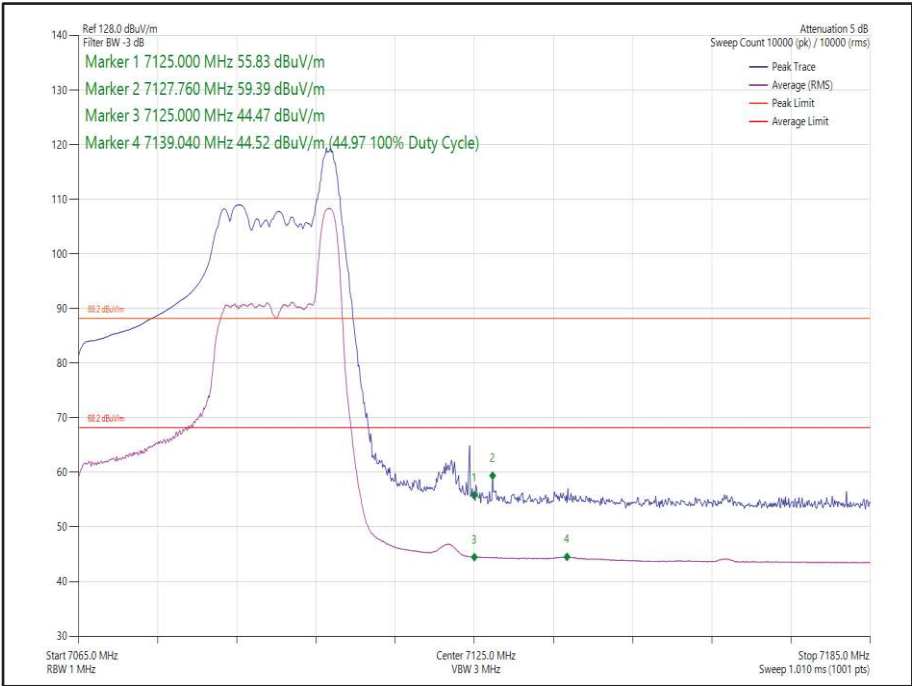
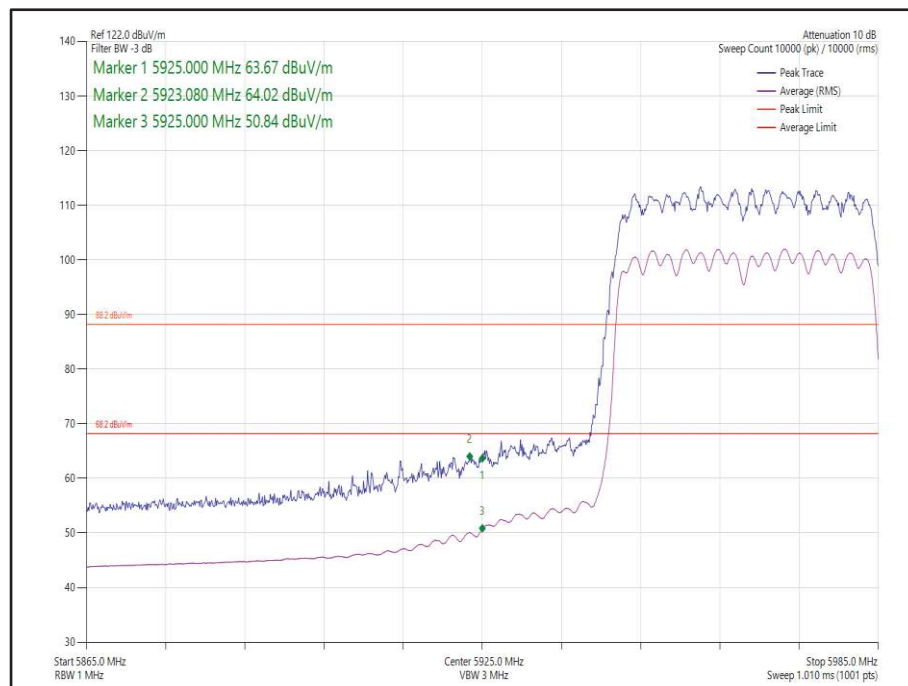


Figure 45 - 802.11ax HE40, Core 0, 26-17 - 7085 MHz
Band Edge Frequency 7125 MHz

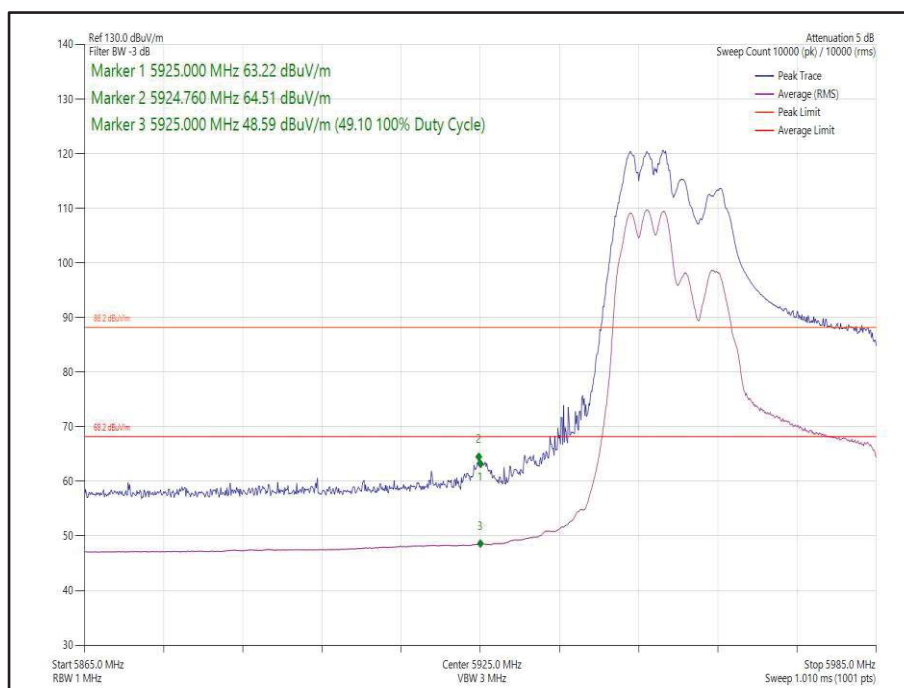
40 MHz Bandwidth (2TX MIMO)

Mode	Data Rate/ MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE40 CDD, Cores 0-1	MCS 11x1	SU	-	5965	5925	64.02	51.40
802.11ax HE40 CDD, Cores 0-1	MCS 11x1	106	53	5965	5925	64.51	49.10
802.11ax HE40 SDM, Cores 0-1	MCS 11x2	SU	-	5965	5925	65.82	52.13
802.11ax HE40 SDM, Cores 0-1	MCS 11x2	52	37	5965	5925	61.25	46.36
802.11ax HE40 CDD, Cores 0-1	MCS 11x1	SU	-	7085	7125	63.14	48.19
802.11ax HE40 CDD, Cores 0-1	MCS 11x1	52	44	7085	7125	67.49	56.04
802.11ax HE40 SDM, Cores 0-1	MCS 11x2	SU	-	7085	7125	64.77	48.54
802.11ax HE40 SDM, Cores 0-1	MCS 11x2	26	17	7085	7125	60.64	47.48

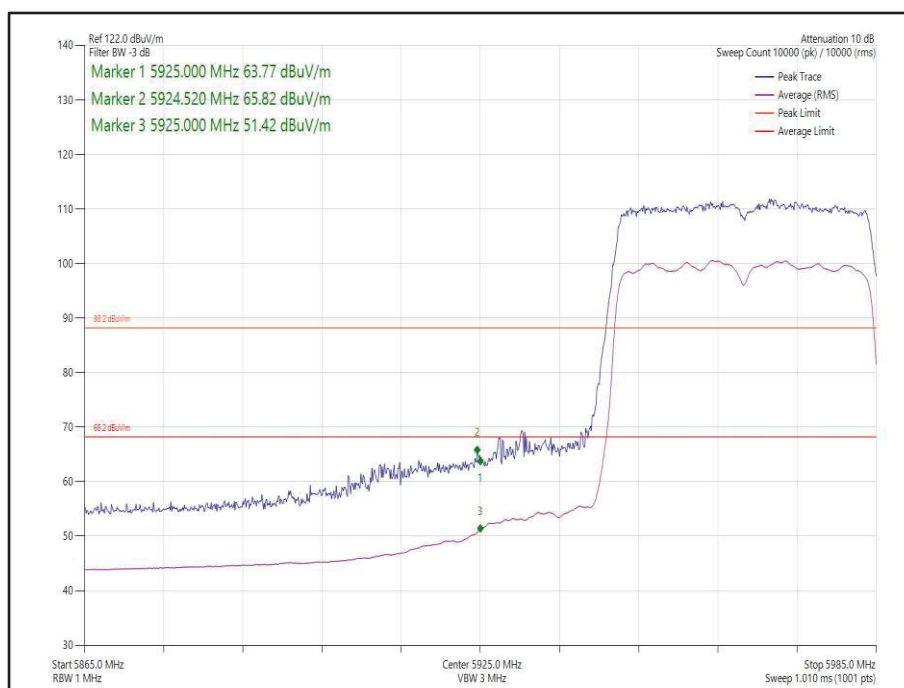
Table 309 - MIMO 2TX Authorised Band Edge Results



**Figure 46 - 802.11ax HE40 CDD, Cores 0-1, SU - 5965 MHz
Band Edge Frequency 5925 MHz**



**Figure 47 - 802.11ax HE40 CDD, Cores 0-1, 106-53 - 5965 MHz
Band Edge Frequency 5925 MHz**



**Figure 48 - 802.11ax HE40 SDM, Cores 0-1, SU - 5965 MHz
Band Edge Frequency 5925 MHz**

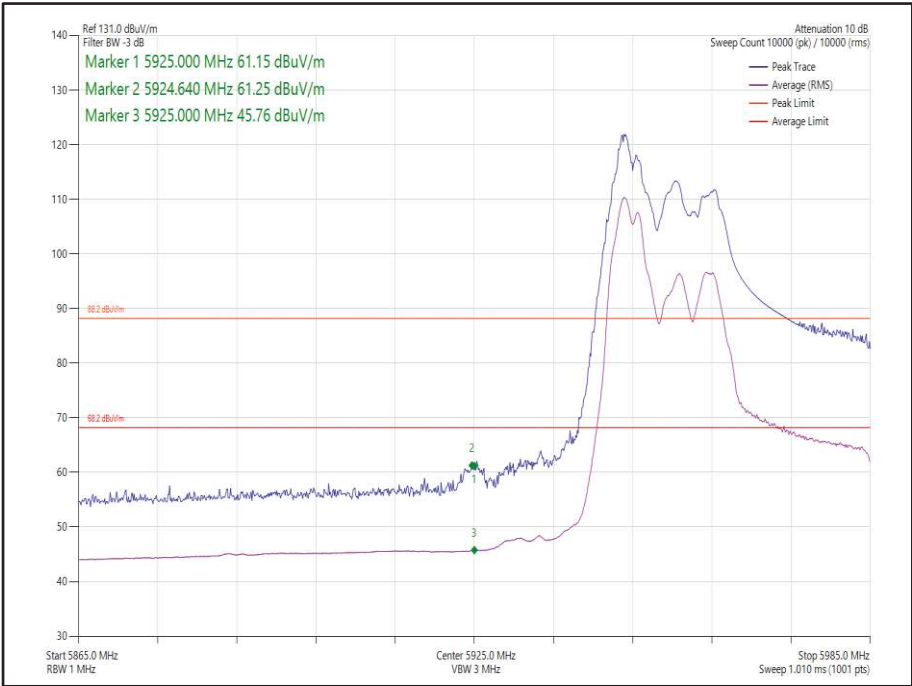


Figure 49 - 802.11ax HE40 SDM, Cores 0-1, 52-37 - 5965 MHz
Band Edge Frequency 5925 MHz

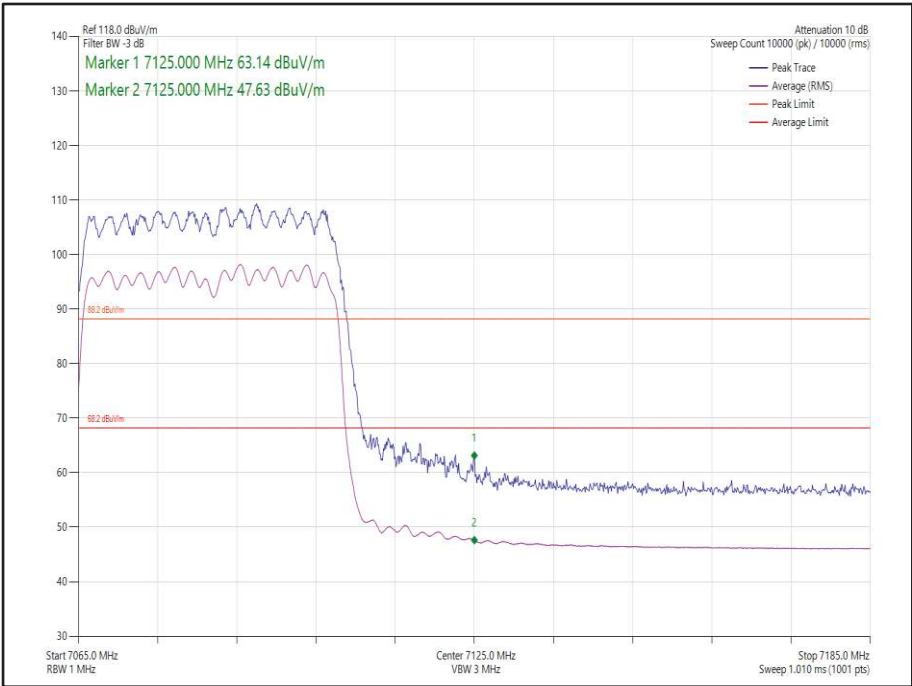
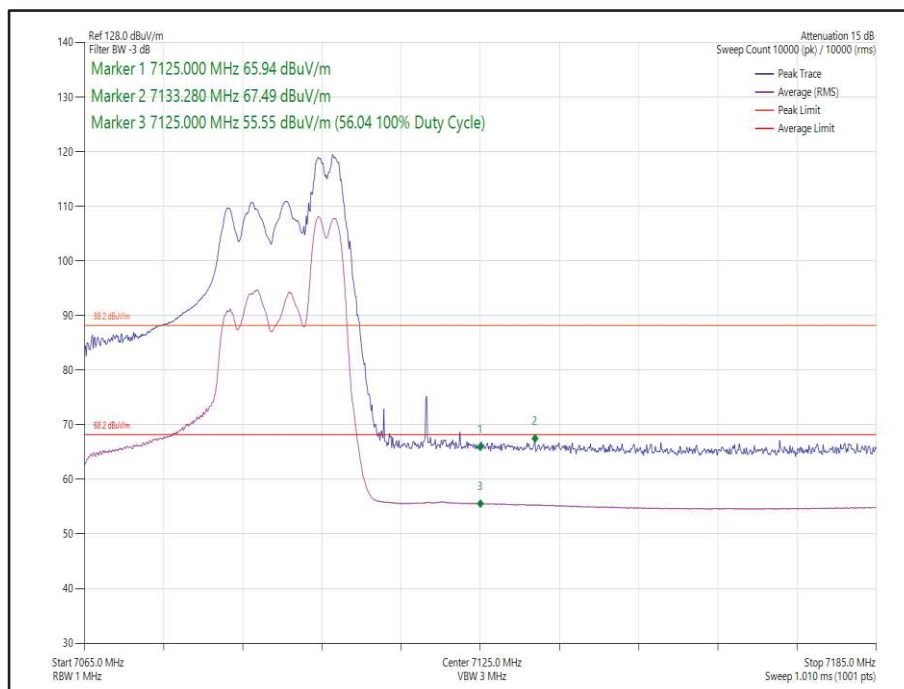
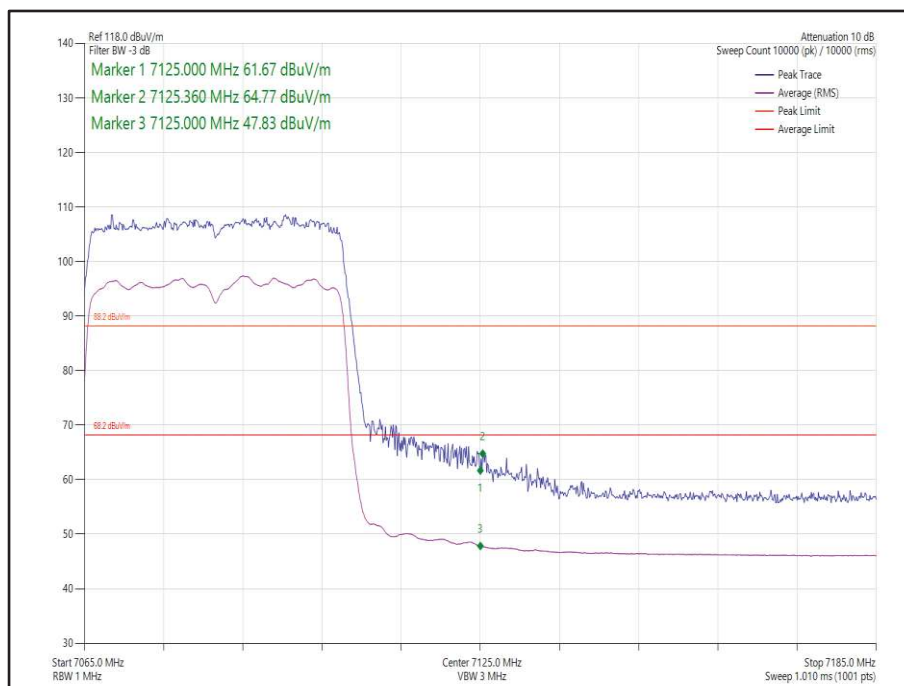


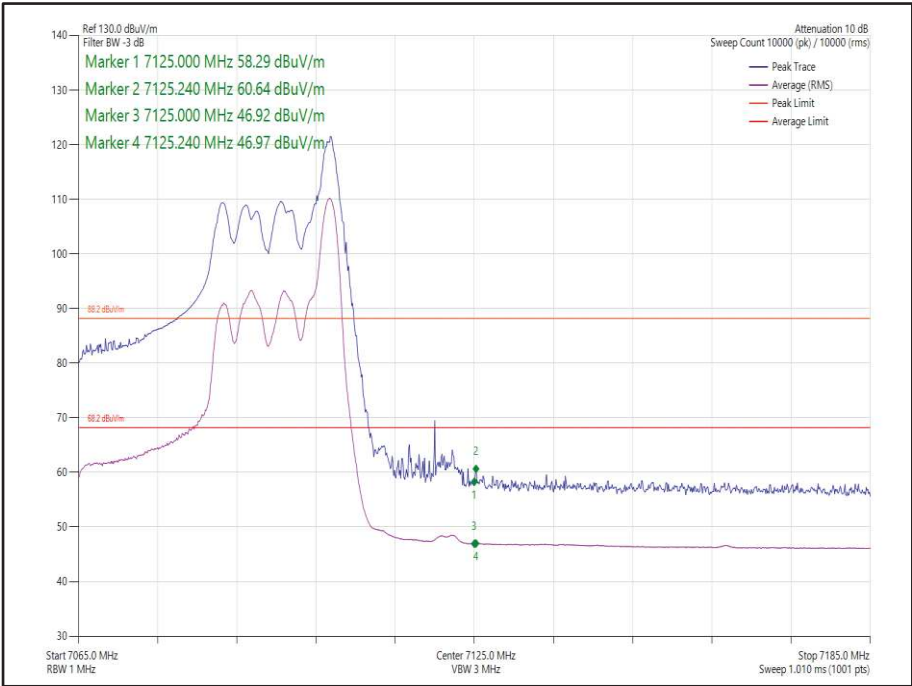
Figure 50 - 802.11ax HE40 CDD, Cores 0-1, SU - 7085 MHz
Band Edge Frequency 7125 MHz



**Figure 51 - 802.11ax HE40 CDD, Cores 0-1, 52-44 - 7085 MHz
Band Edge Frequency 7125 MHz**



**Figure 52 - 802.11ax HE40 SDM, Cores 0-1, SU - 7085 MHz
Band Edge Frequency 7125 MHz**

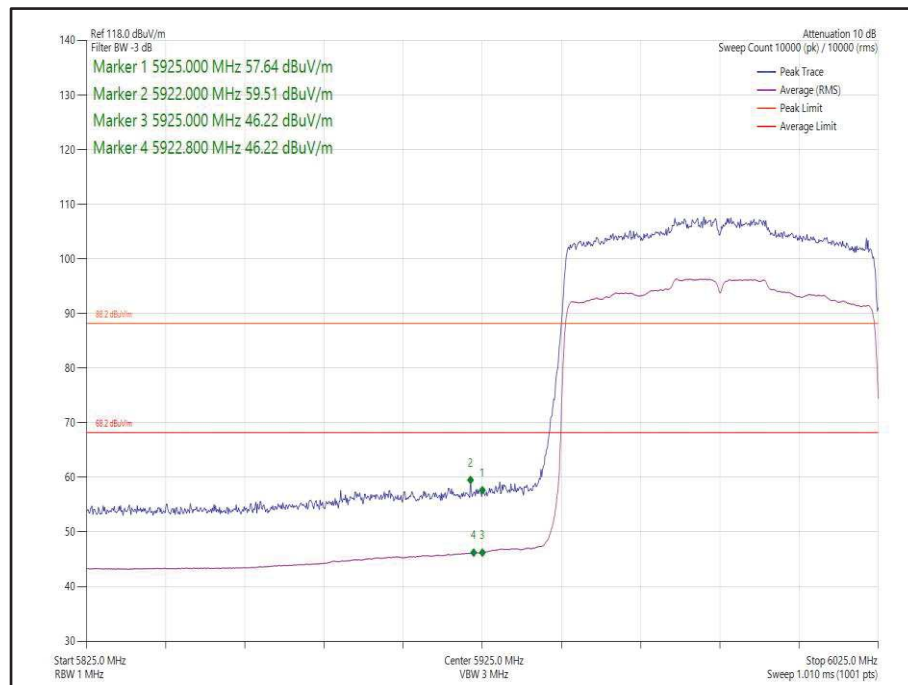


**Figure 53 - 802.11ax HE40 SDM, Cores 0-1, 26-17 - 7085 MHz
Band Edge Frequency 7125 MHz**

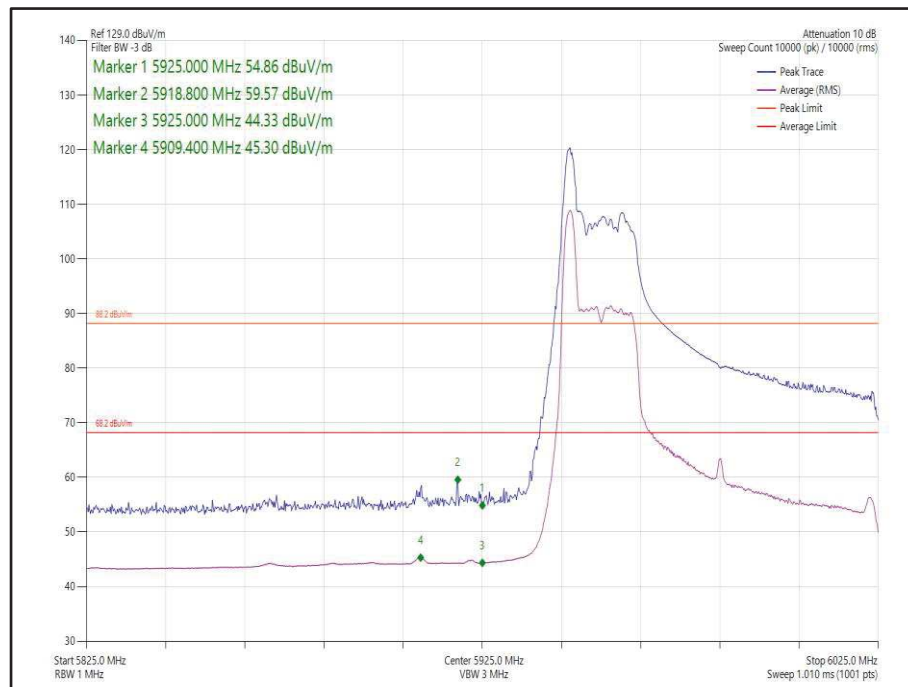
80 MHz Bandwidth (SISO)

Mode	Data Rate /MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE80, Core 1	MCS4x1	SU	-	5985	5925	59.51	46.58
802.11ax HE80, Core 1	MCS11x1	26	0	5985	5925	59.57	45.76
802.11ax HE80, Core 0	MCS2x1	SU	-	7025	7125	57.50	45.7
802.11ax HE80, Core 0	MCS11x1	26	17	7025	7125	67.08	46.83

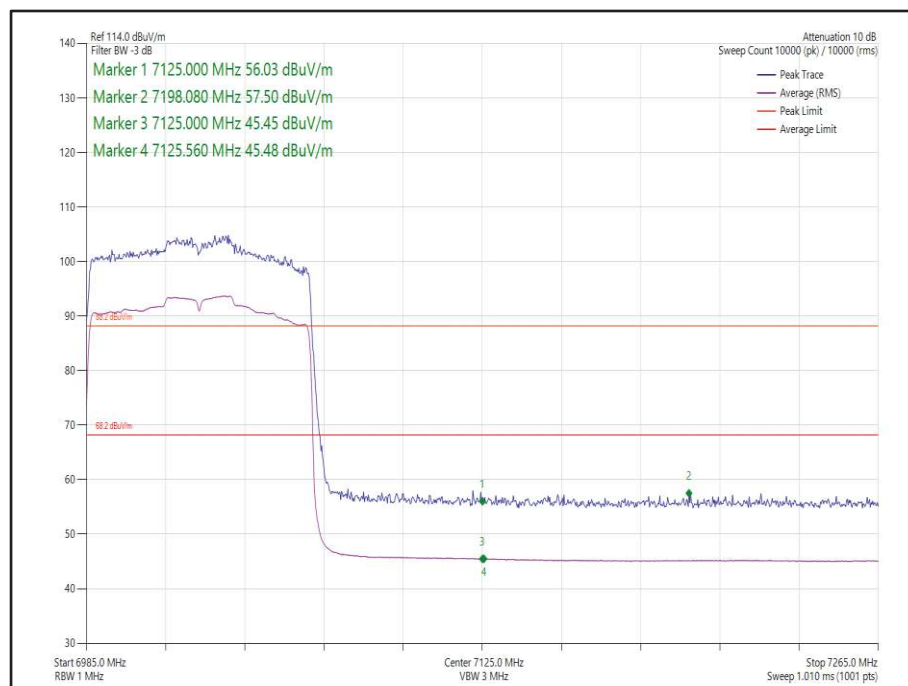
Table 310 - SISO Authorised Band Edge Results



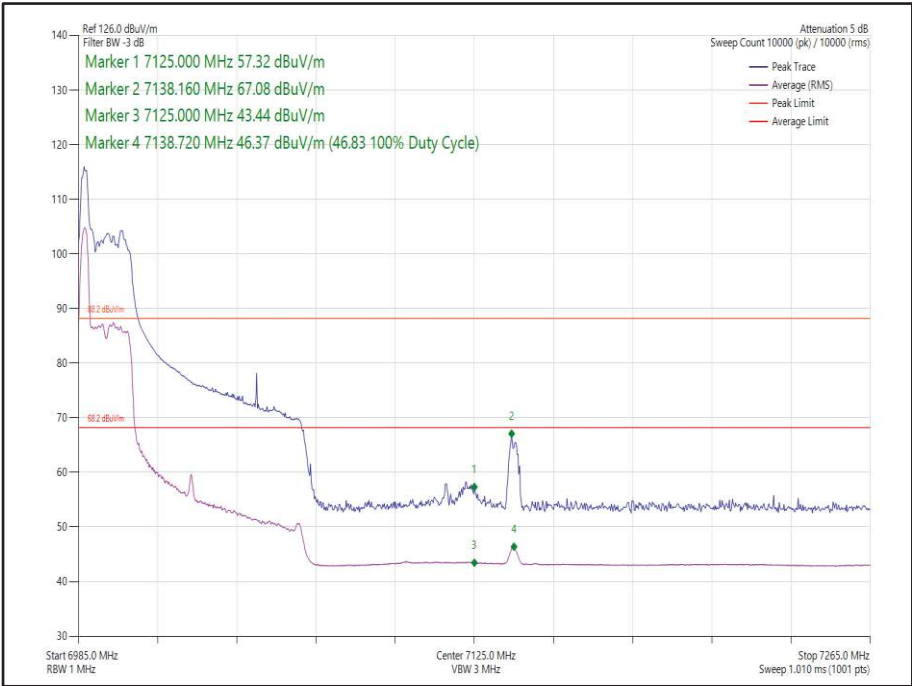
**Figure 54 - 802.11ax HE80 Core 1 SU - 5985 MHz
Band Edge Frequency 5925 MHz**



**Figure 55 - 802.11ax HE80 Core 1 26-0 - 5985 MHz
Band Edge Frequency 5925 MHz**



**Figure 56 - 802.11ax HE80 Core 0 SU - 7025 MHz
Band Edge Frequency 7125 MHz**

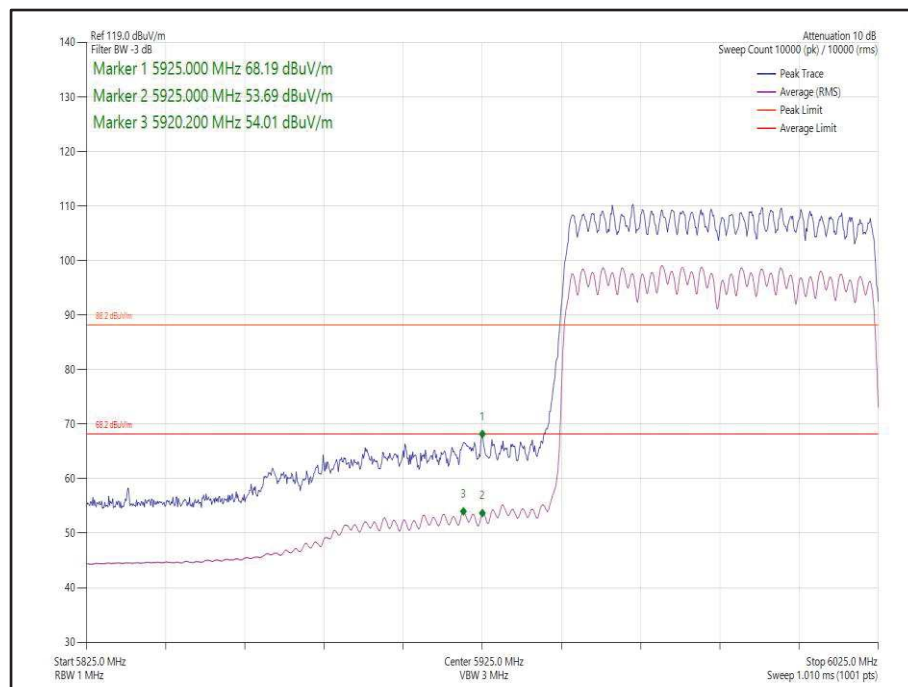


**Figure 57 - 802.11ax HE80 Core 0 26-17 - 7025 MHz
Band Edge Frequency 7125 MHz**

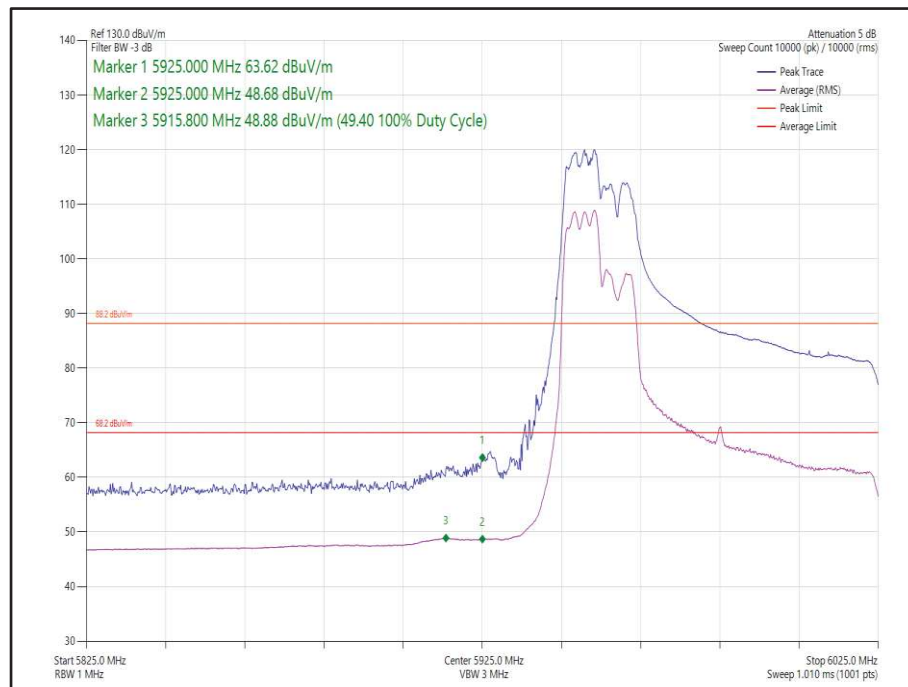
80 MHz Bandwidth (2TX MIMO)

Mode	Data Rate/ MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	SU	-	5985	5925	53.69	54.57
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	106	53	5985	5925	63.62	49.40
802.11ax HE80 SDM, Cores 0-1	MCS 11x2	SU	-	5985	5925	65.56	53.66
802.11ax HE80 SDM, Cores 0-1	MCS 11x2	52	37	5985	5925	65.36	47.88
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	SU	-	7025	7125	59.34	47.09
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	52	52	7025	7125	67.67	55.89
802.11ax HE80 SDM, Cores 0-1	MCS 4x2	SU	-	7025	7125	57.78	46.28
802.11ax HE80 SDM, Cores 0-1	MCS 11x2	26	36	7025	7125	58.63	47.19

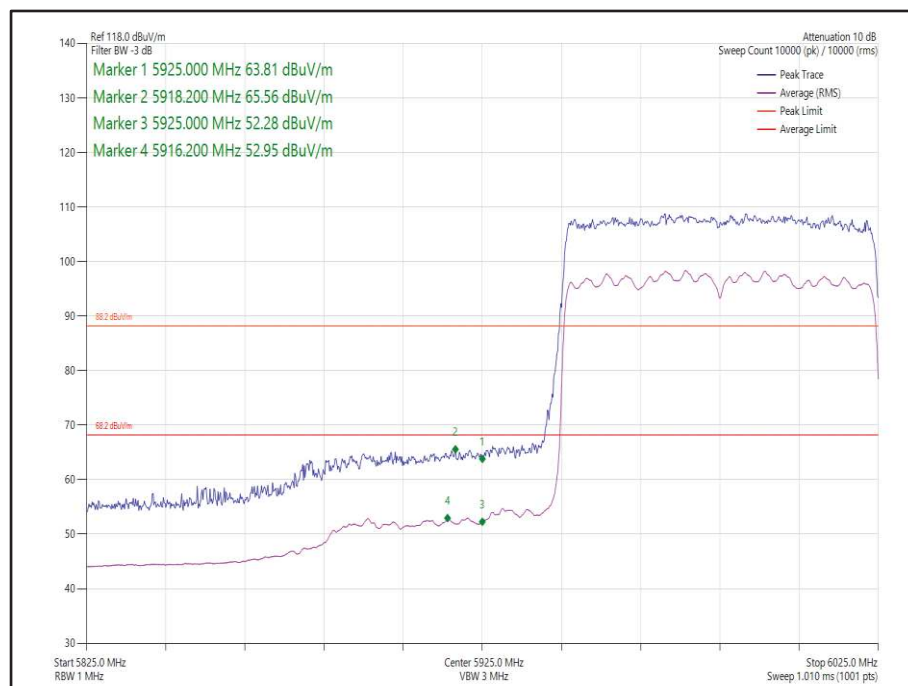
Table 311 - MIMO 2TX Authorised Band Edge Results



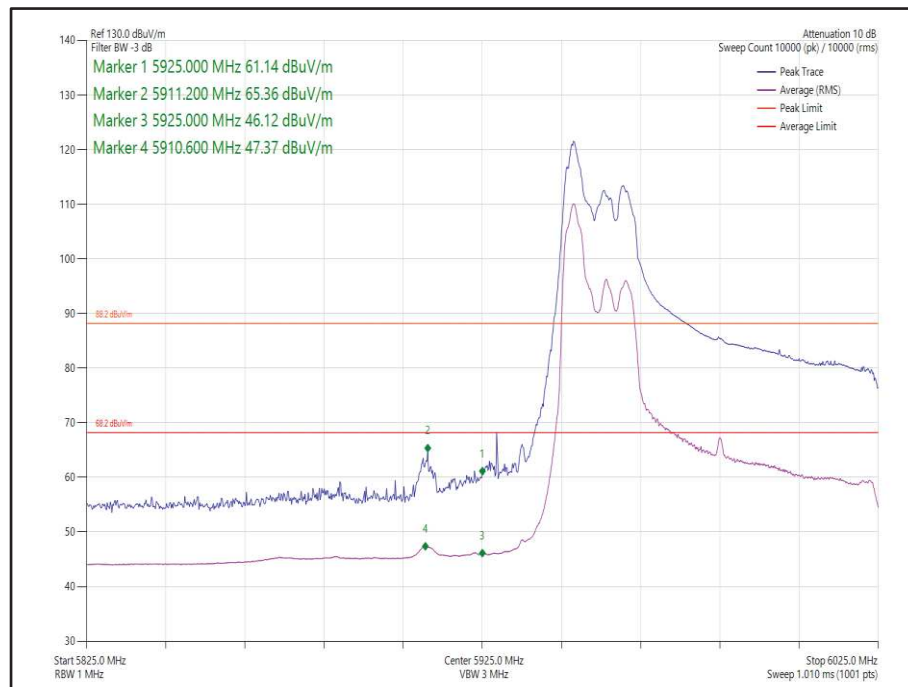
**Figure 58 - 802.11ax HE80 CDD, Cores 0-1, SU - 5985 MHz
Band Edge Frequency 5925 MHz**



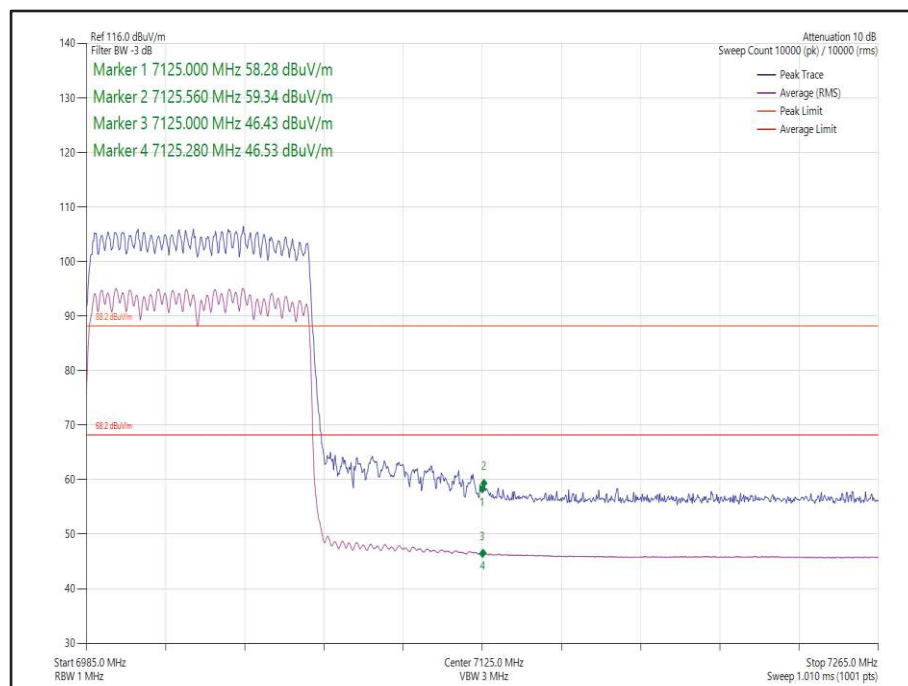
**Figure 59 - 802.11ax HE80 CDD, Cores 0-1, 106-53 - 5985 MHz
Band Edge Frequency 5925 MHz**



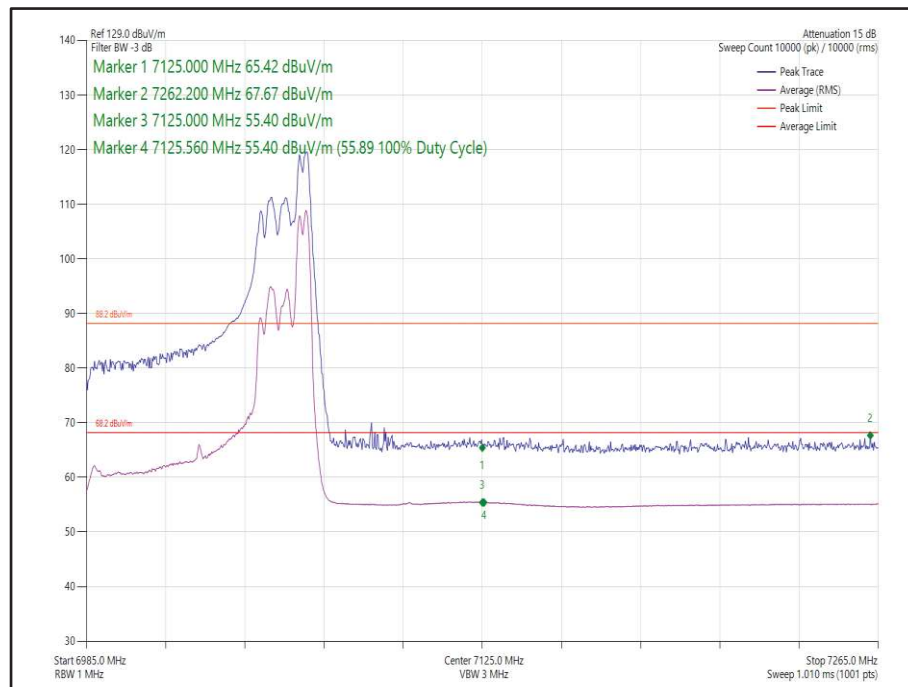
**Figure 60 - 802.11ax HE80 SDM, Cores 0-1, SU - 5985 MHz
Band Edge Frequency 5925 MHz**



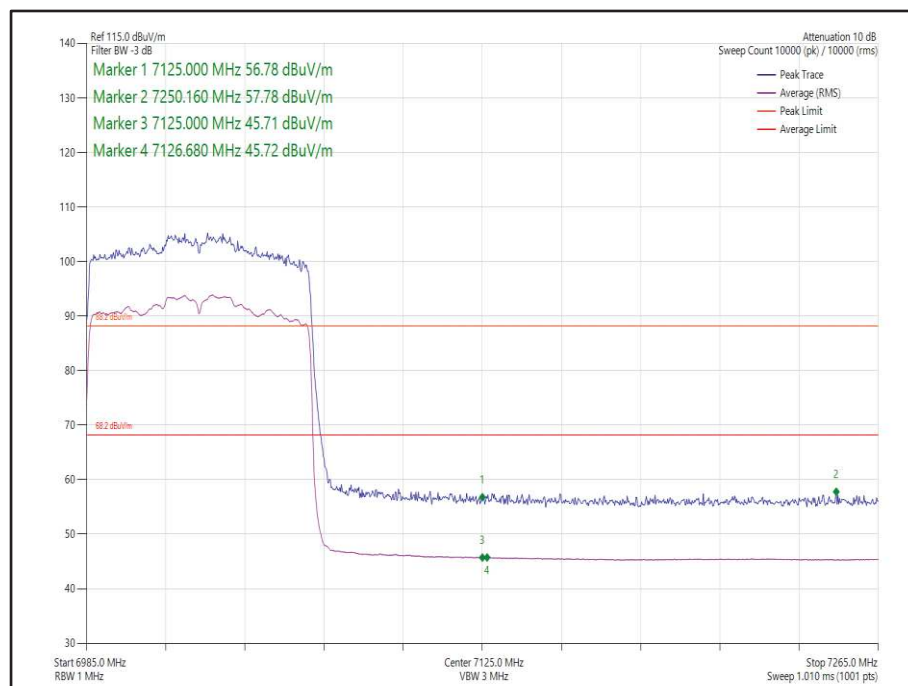
**Figure 61 - 802.11ax HE80 SDM, Cores 0-1, 52-37 - 5985 MHz
Band Edge Frequency 5925 MHz**



**Figure 62 - 802.11ax HE80 CDD, Cores 0-1, SU - 7025 MHz
Band Edge Frequency 7125 MHz**



**Figure 63 - 802.11ax HE80 CDD, Cores 0-1, 52-52 - 7025 MHz
Band Edge Frequency 7125 MHz**



**Figure 64 - 802.11ax HE80 SDM, Cores 0-1, SU - 7025 MHz
Band Edge Frequency 7125 MHz**

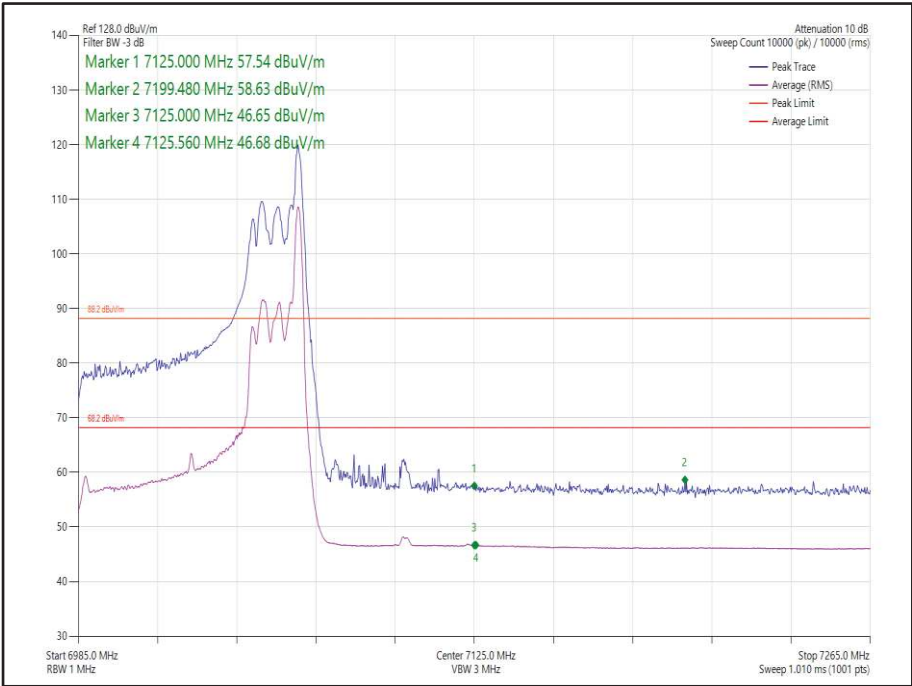
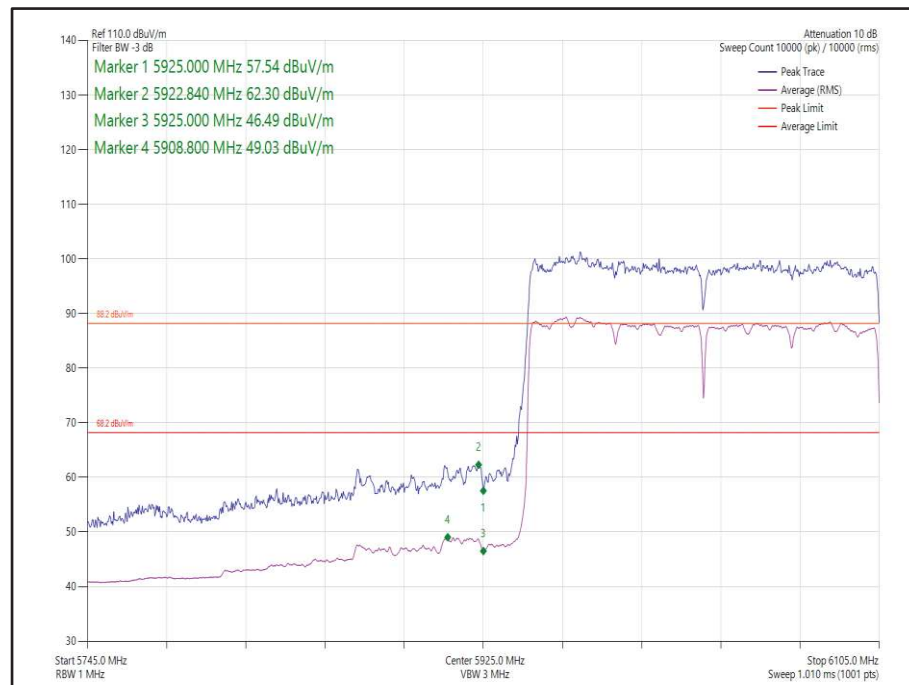


Figure 65 - 802.11ax HE80 SDM, Cores 0-1, 26-36 - 7025 MHz
Band Edge Frequency 7125 MHz

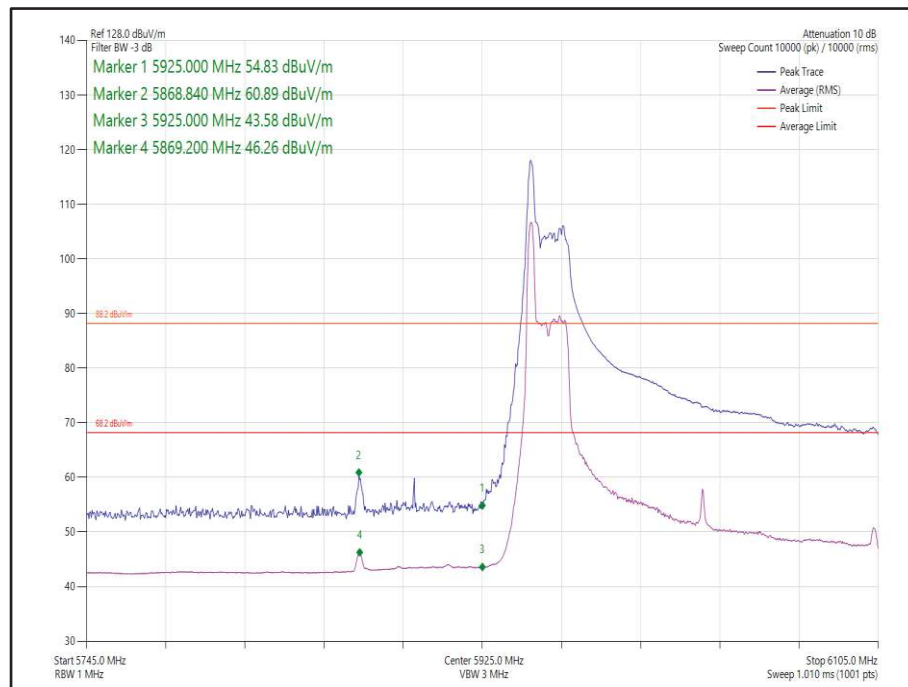
160 MHz Bandwidth (SISO)

Mode	Data Rate /MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE160, Core 1	MCS11x1	SU	-	6025	5925	62.30	49.79
802.11ax HE160, Core 1	MCS11x1	26	0	6025	5925	60.89	46.72
802.11ax HE160, Core 0	MCS11x1	SU	-	6985	7125	66.30	51.63
802.11ax HE160, Core 0	MCS11x1	26	36	6985	7125	65.06	50.44

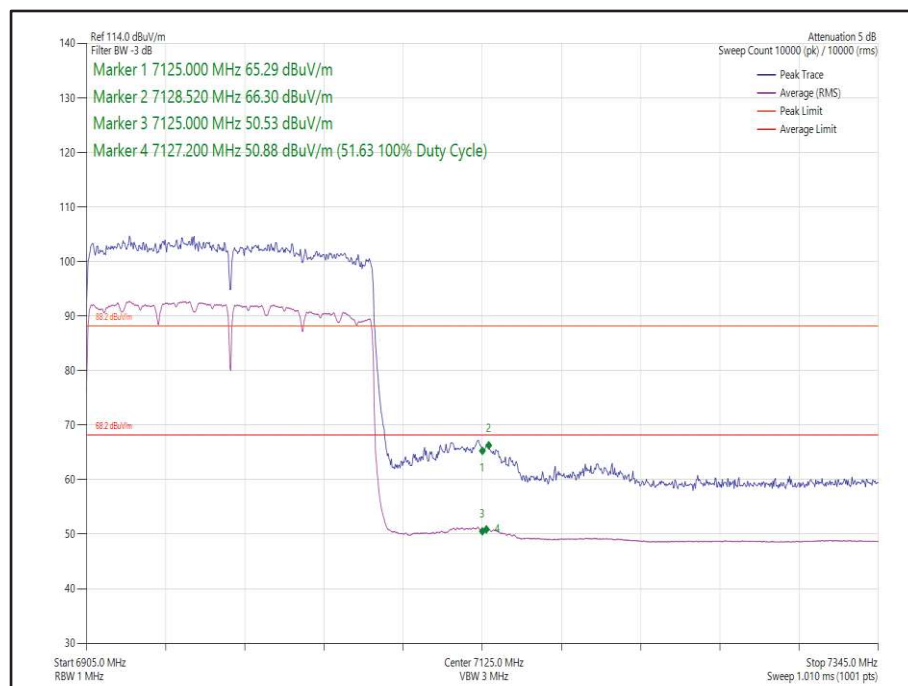
Table 312 - SISO Authorised Band Edge Results



**Figure 66 - 802.11ax HE160 Core 1 SU - 6025 MHz
Band Edge Frequency 5925 MHz**



**Figure 67 - 802.11ax HE160 Core 1 26-0 - 6025 MHz
Band Edge Frequency 5925 MHz**



**Figure 68 - 802.11ax HE160 Core 0 SU - 6985 MHz
Band Edge Frequency 7125 MHz**

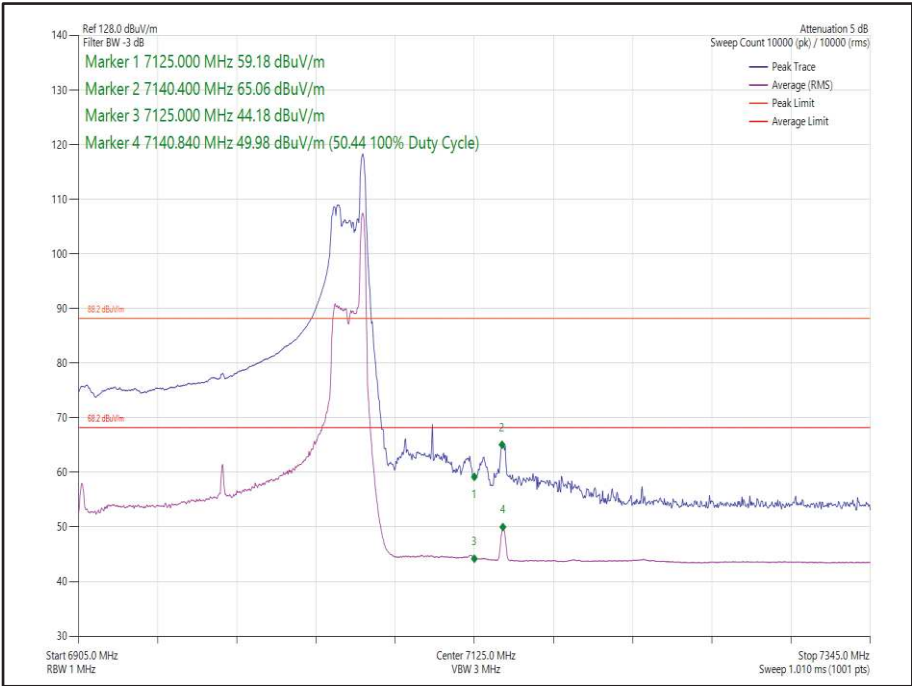
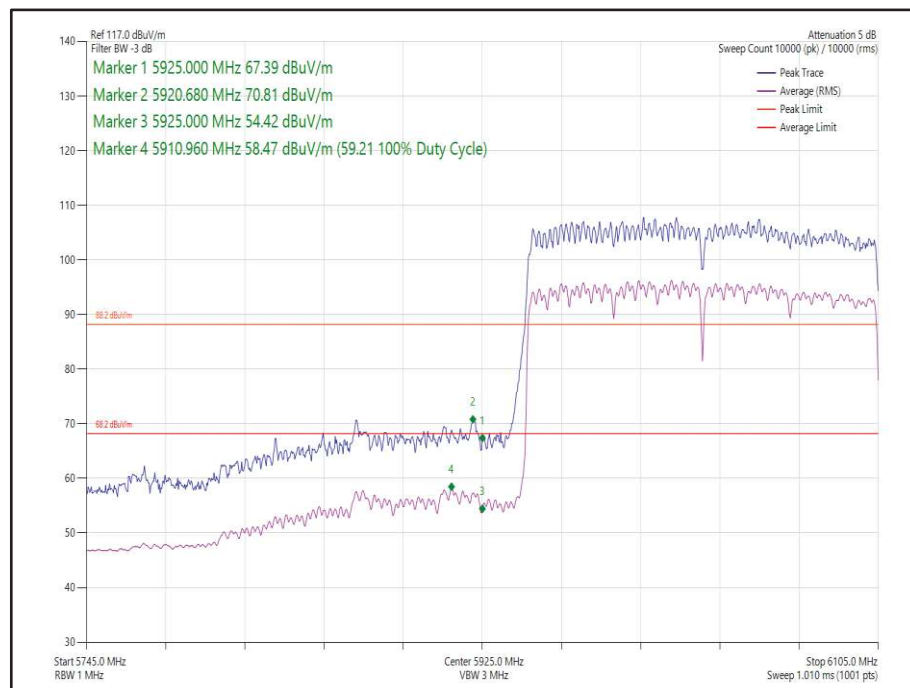


Figure 69 - 802.11ax HE160 Core 0 26-36 - 6985 MHz
Band Edge Frequency 7125 MHz

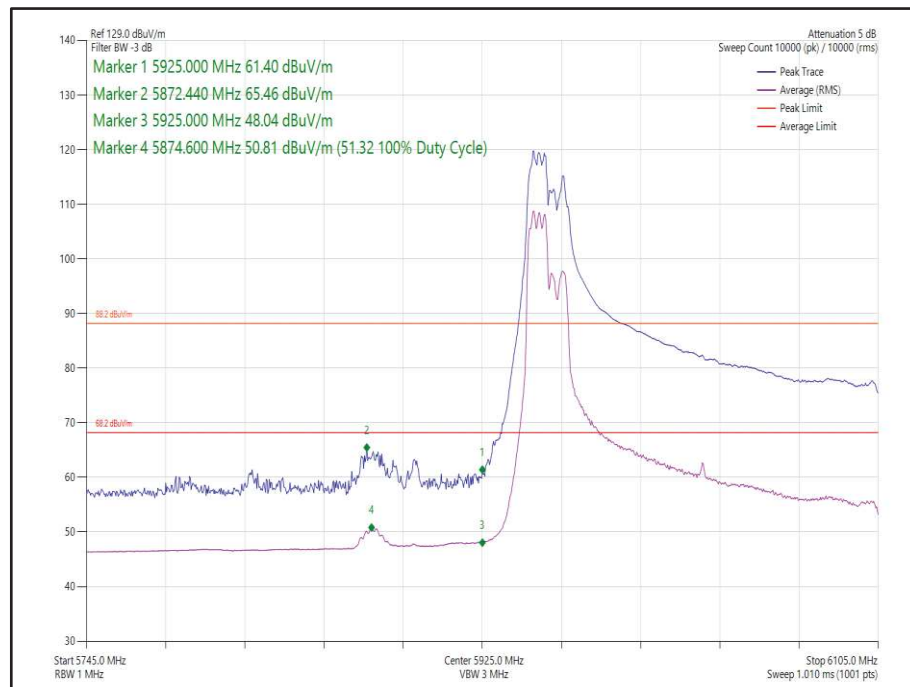
160 MHz Bandwidth (2TX MIMO)

Mode	Data Rate/ MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE160 CDD, Cores 0-1	MCS 11x1	SU	-	6025	5925	70.81	59.21
802.11ax HE160 CDD, Cores 0-1	MCS 11x1	106	53	6025	5925	65.46	51.32
802.11ax HE160 SDM, Cores 0-1	MCS 4x2	SU	-	6025	5925	71.82	59.65
802.11ax HE160 SDM, Cores 0-1	MCS 11x2	52	37	6025	5925	67.46	52.02
802.11ax HE160 CDD, Cores 0-1	MCS 2x1	SU	-	6985	7125	58.47	47.41
802.11ax HE160 CDD, Cores 0-1	MCS 11x1	52	52	6985	7125	68.61	56.44
802.11ax HE160 SDM, Cores 0-1	MCS 11x2	SU	-	6985	7125	58.10	47.32
802.11ax HE160 SDM, Cores 0-1	MCS 11x2	26	36	6985	7125	63.91	51.00

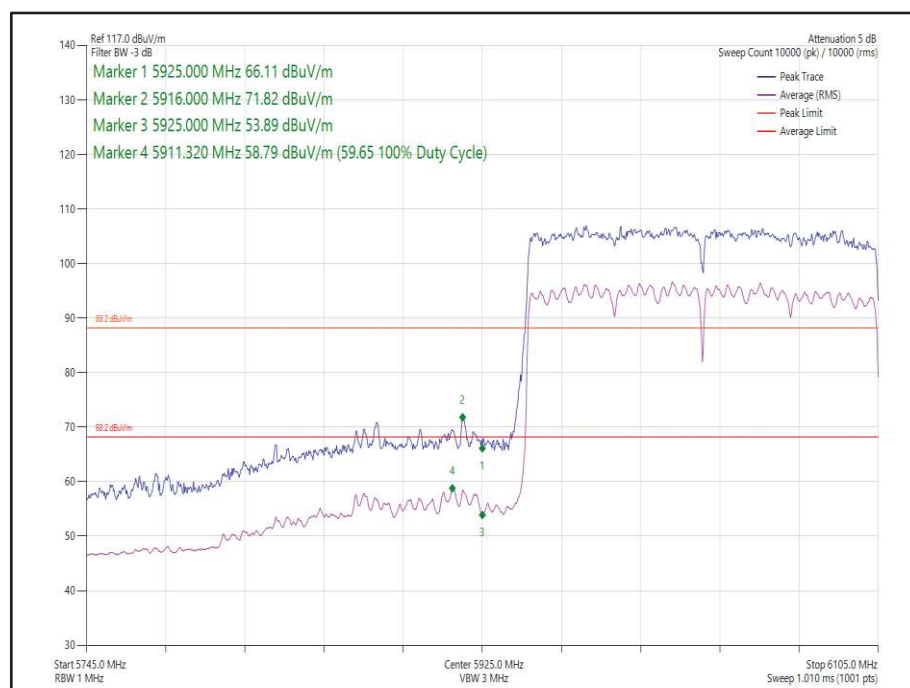
Table 313 - MIMO 2TX Authorised Band Edge Results



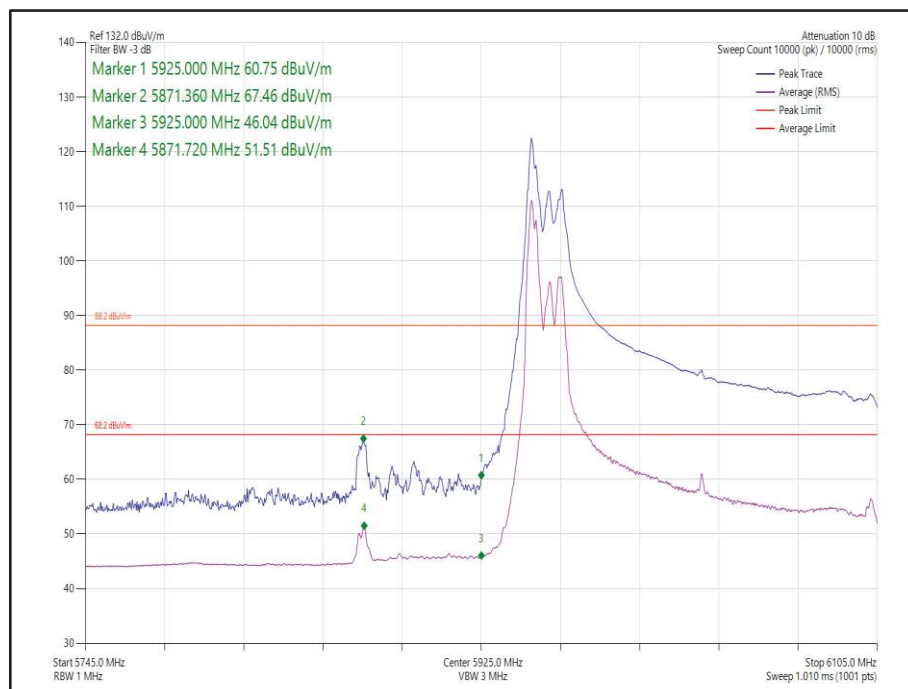
**Figure 70 - 802.11ax HE160 CDD, Cores 0-1, SU - 6025 MHz
Band Edge Frequency 5925 MHz**



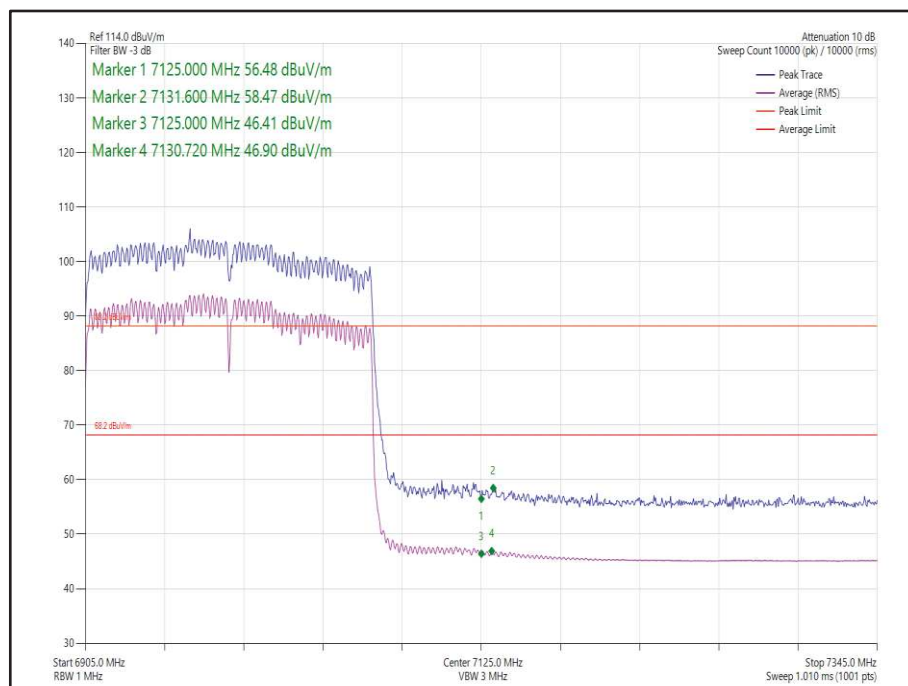
**Figure 71 - 802.11ax HE160 CDD, Cores 0-1, 106-53 - 6025 MHz
Band Edge Frequency 5925 MHz**



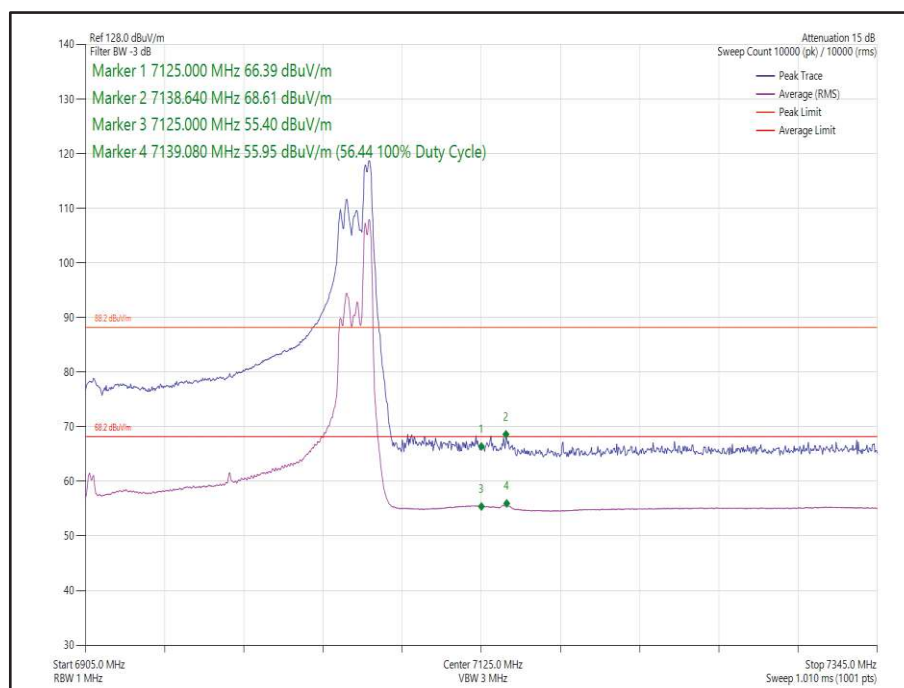
**Figure 72 - 802.11ax HE160 SDM, Cores 0-1, SU - 6025 MHz
Band Edge Frequency 5925 MHz**



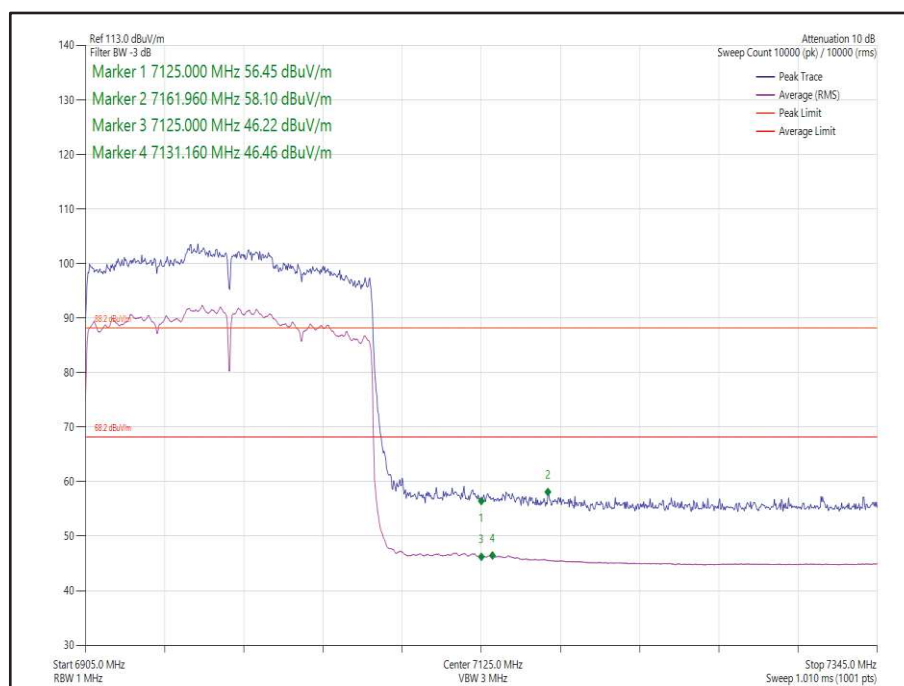
**Figure 73 - 802.11ax HE160 SDM, Cores 0-1, 52-37 - 6025 MHz
Band Edge Frequency 5925 MHz**



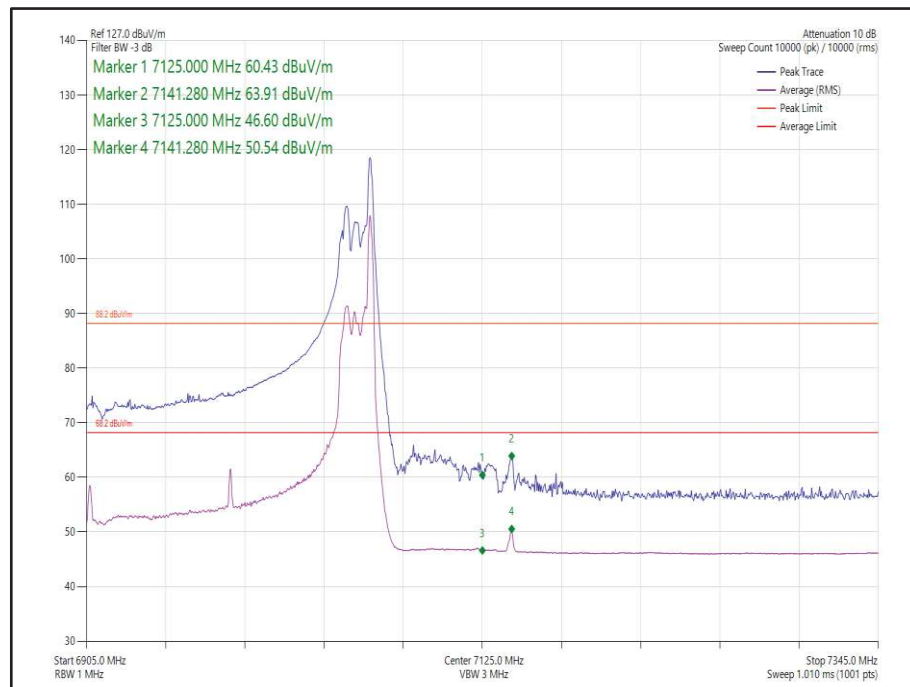
**Figure 74 - 802.11ax HE160 CDD, Cores 0-1, SU - 6985 MHz
Band Edge Frequency 7125 MHz**



**Figure 75 - 802.11ax HE160 CDD, Cores 0-1, 52-52 - 6985 MHz
Band Edge Frequency 7125 MHz**



**Figure 76 - 802.11ax HE160 SDM, Cores 0-1, SU - 6985 MHz
Band Edge Frequency 7125 MHz**



**Figure 77 - 802.11ax HE160 SDM, Cores 0-1, 26-36 - 6985 MHz
Band Edge Frequency 7125 MHz**

FCC 47 CFR Part 15E, Limit Clause 15.407(b)(1)(2)(3)(4)

For transmitters operating within the 5.925–7.125 GHz band: Any emissions outside of the 5.925–7.125 GHz band must not exceed an e.i.r.p. of -27 dBm.

ISED RSS-248, Limit Clause 4.7.2(a)

Any emissions outside of the 5925-7125 MHz band shall not exceed -27 dBm/MHz e.i.r.p.



2.4.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 14.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
5m Semi-Anechoic Chamber (Dual-Axis)	Albatross Projects	RF Chamber 14	5958	36	26-Apr-2025
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	5960	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	5961	-	TU
Turntable	Maturo Gmbh	TT1.5SI	5962	-	TU
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	5997	12	06-Jun-2023
Cable (SMA to SMA 6.5m)	Junkosha	MWX221-06500AMSAMS/B	6003	12	07-Jun-2023
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6008	12	06-Jun-2023
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6141	12	21-Jun-2023
SAC Switch Unit	TUV SUD	SSU001	6144	12	07-Jul-2023
Humidity & Temperature meter	R.S Components	1364	6149	12	17-Jun-2023
SAC Switch Unit	TUV SUD	SSU003	6191	12	15-Jul-2023

Table 314

TU - Traceability Unscheduled



2.5 Unwanted Emissions within the 5925-7125 MHz band

2.5.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (b)
ISED RSS-248, Clause 4.7
ISED RSS-GEN, Clause 6.13

2.5.2 Equipment Under Test and Modification State

A2779, S/N: NX7LCFL417 - Modification State 0
A2779, S/N: GG9H3Q9KG0 - Modification State 0

2.5.3 Date of Test

14-November-2022 to 04-December-2022

2.5.4 Test Method

This test was performed in accordance with KDB 987594 D02, clause J.

2.5.5 Environmental Conditions

Ambient Temperature	22.0 - 23.4 °C
Relative Humidity	24.8 - 46.5 %



2.5.6 Test Results

6 GHz WLAN

SISO

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11a	8.63	6635.400
802.11ax HE20 SU	6.43	7170.600
802.11ax HE40 SU	9.91	6977.000
802.11ax HE80 SU	9.75	6682.200
802.11ax HE160 SU	1.85	5885.500

Table 315 - Unwanted Emissions Within the RLAN Band Summary Results