

FCC and ISED Test Report

Apple Inc, Model: A2485

In accordance with FCC 47 CFR Part 15E,
ISED RSS-247 and ISED RSS-GEN
(5 GHz WLAN)

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

FCC ID: BCGA2485

IC: 579C-A2485

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Document 75952054-12 Issue 01



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SIGNATURE

NAME	JOB TITLE	RESPONSIBLE FOR	ISSUE DATE
Phil Harrison	Senior Engineer	Authorised Signatory	24 September 2021

Signatures in this approval box have checked this document in line with the requirements of TÜV SÜD document control rules.

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-247 and ISED RSS-GEN. The sample tested was found to comply with the requirements defined in the applied rules.

RESPONSIBLE FOR	NAME	DATE	SIGNATURE
Testing	Jaiyanth Balendrarajah	24 September 2021	
Testing	George Porter	24 September 2021	
Testing	Ahmad Javid	24 September 2021	
Testing	Daniel Cameron	24 September 2021	
Testing	Mohammad Malik	24 September 2021	
Testing	Ian Hart	24 September 2021	
Testing	Christopher Bland	24 September 2021	
Testing	Colin Brain	24 September 2021	
Testing	Faisal Malyar	24 September 2021	
Testing	Taha Shafique	24 September 2021	
Testing	Jason Hicks	24 September 2021	

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: 2020, ISED RSS-247: Issue 2 (2017-02) and ISED RSS-GEN: Issue 5 (2018-04) + A2 (2021-02) for the tests detailed in section 1.3.



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ACCREDITATION

Our UKAS Accreditation does not cover opinions and interpretations and any expressed are outside the scope of our UKAS Accreditation. Results of tests not covered by our UKAS Accreditation Schedule are marked NUA (Not UKAS Accredited).

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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	24 September 2021

Table 1

1.2 Introduction

Applicant	Apple Inc
Manufacturer	Apple Inc
Model Number(s)	A2485
Serial Number(s)	HV9QMW620K, C02DX02Q03G7, CQ2R1P6HF2 and F39CJV429M
Hardware Version(s)	REV1.0
Software Version(s)	HV9QMW620K and CQ2R1P6HF2: 21A102280u C02DX02Q03G7: 21A226 F39CJV429M: 21A333
Number of Samples Tested	4
Test Specification/Issue/Date	FCC 47 CFR Part 15E: 2020, ISED RSS-247: Issue 2 (2017-02) ISED RSS-GEN: Issue 5 (2018-04) + A2 (2021-02)
Order Number	0540211248
Date	22-April-2021
Date of Receipt of EUT	31-March-2021, 16-July-2021 and 07-September-2021
Start of Test	27-June-2021
Finish of Test	20-September-2021
Name of Engineer(s)	Jaiyanth Balendrarajah, George Porter, Ahmad Javid, Daniel Cameron, Liang Tian, Ian Hart, Mohammad Malik, Christopher Bland, Colin Brain, Faisal Malyar, Taha Shafique and Jason Hicks
Related Document(s)	ANSI C63.4 (2014) ANSI C63.10 (2013) KDB 662911 D01 v02r01 KDB 905462 D02 v02



1.3 Brief Summary of Results

A brief summary of the tests carried out in accordance with FCC 47 CFR Part 15E, ISSED RSS-247 and ISSED RSS-GEN is shown below.

Section	Specification Clause			Test Description	Result	Comments/Base Standard
	Part 15E	RSS-247	RSS-GEN			
Configuration and Mode: 5 GHz WLAN						
-	15.203	-	-	Antenna Requirement	N/T	The devices complies with the provisions of this section, as it uses a permanently attached antenna
2.1	15.205	-	8.10	Restricted Band Edges	Pass	
2.2	15.407 (a)	6.2	-	Maximum Conducted Output Power	Pass	
2.3	15.407 (a)	6.2	-	Maximum Conducted Power Spectral Density	Pass	
2.4	15.407 (a)	6.2	-	Emission Bandwidth	Pass	
2.5	15.407 (b)	6.2	-	Authorised Band Edges	Pass	
2.6	15.407 (b) and 15.209	6.2 and 6.13	8.9	Spurious Radiated Emissions	Pass	
2.7	15.407 (h)(2)(iii)(iv)	6.3.2(c)(d)(e)	-	Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period	Pass	
Configuration and Mode: 5 GHz WLAN - Client to Client						
2.7	15.407 (h)(2)(iii)(iv)	6.3.2(c)(d)(e)	-	Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period	Pass	

Table 2



1.4 Product Information

1.4.1 Technical Description

The Equipment under test (EUT) was a laptop computer with Bluetooth, Bluetooth Low Energy and 802.11 a/b/g/n/ac/ax capabilities in the 2.4 GHz and 5 GHz bands.

1.4.2 Test Modes

The EUT's 5 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. 802.11n supported 20 MHz and 40 MHz bandwidths and 802.11ac, and ax supported 20 MHz, 40 MHz and 80 MHz bandwidths.

802.11a mode supported SISO operation only. 802.11n and ac supported SISO, Cyclic Delay Diversity (CDD), Space Division Multiplexing (SDM) and Transmit Beamforming (TxBF) MIMO modes. 802.11ax supported SISO, CDD and SDM modes.

The EUT supported 802.11ax Single User (SU) and Multi-User (MU-MIMO) in all bands, for Resource Unit (RU) sizes from 52 subcarriers up to the maximum allowed for each channel bandwidth. SISO & MU-MIMO with 26 subcarrier (RU26) was additionally supported in U-NII-1 and U-NII-3 bands only.

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), Space Division Multiplexing (SDM), and transmit beamforming (TxBF) 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.

US and CA country codes changed the power table used for U-NII band 1. Therefore U-NII-1 channels were tested using both power settings for each country's respective limits.

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

SISO Modes (5 GHz Core 0 for U-NII-1 and 5 GHz Core 1 for U-NII-2A / 2C / 3):

- 802.11a – 12 Mbps
- 802.11n HT20 – MCS0 (Radiated), MCS2 (Conducted)
- 802.11n HT40 – MCS2
- 802.11ac VHT80 - MCS2x1
- 802.11ax HE20 SU – MCS2x1
- 802.11ax HE20 RU26, RU52, RU106 – MCS0x1 (Radiated), MCS2x1 (Conducted)
- 802.11ax HE40 SU – MCS2x1
- 802.11ax HE80 SU – MCS2x1

2x2 MIMO Modes (Core 0+1 for U-NII-1 / 2A / 2C / 3):

- 802.11n HT20 - CDD (MCS2), SDM (MCS10) and TxBF (MCS2)
- 802.11n HT40 - CDD (MCS2), SDM (MCS10) and TxBF (MCS2)
- 802.11ac VHT80 – CDD (MCS2x1), SDM (MCS2x2) and TxBF (MCS2x1)
- 802.11ax HE20 SU – CDD (MCS2x1) and SDM (MCS2x2)
- 802.11ax HE40 SU – CDD (MCS2x1) and SDM (MCS2x2)
- 802.11ax HE80 SU – CDD (MCS2x1) and SDM (MCS2x2)
- 802.11ax HE20 RU26, RU52, RU106 – CDD (MCS2x1) and SDM (MCS2x2)

Band Edge testing was performed for all modulation types and the worst cases reported.



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 transmit beamforming (TxBF) modes the EUT was set up communicating with a support notebook computer provided by the applicant, configured with custom commands to act as an access point. The test laptop was also set to a low output power (approximately 0 dBm) so in conjunction with the rest of the set-up configuration, would give negligible power at the measuring equipment and would not affect the test result. The support laptop's test network set the channel and bandwidth to which the EUT could connect. The EUT then set up a communications link to the support laptop, operating in normal communications mode but with beamforming modes forced on and TPC disabled via terminal commands so the EUT could be limited to worst-case modes. The EUT transmit duty cycle was then maximized by using iPerf bandwidth testing software to keep the transmit output buffer full and generate more traffic from the EUT to the support laptop than the link could sustain. The EUT therefore could fully operate its beamforming mode but with strictly controlled test parameters.

For all other testing except DFS 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 DFS is described in the test result section of the present document.

1.4.4 Antenna Gain Table (5 GHz WLAN)

Antenna Port	Frequency Range (MHz)	Peak Gain (dBi)	Conducted Cable Loss (dB)
Core 0	5150 to 5250	7.30	1.50
	5250 to 5350	5.80	1.60
	5470 to 5725	5.40	1.60
	5725 to 5850	5.60	1.60
Core 1	5150 to 5250	5.90	1.50
	5250 to 5350	6.80	1.60
	5470 to 5725	6.10	1.60
	5725 to 5850	5.70	1.60

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: A2485, Serial Number: HV9QMW620K			
0	As supplied by the customer	Not Applicable	Not Applicable
Model: A2485, Serial Number: CQ2R1P6HF2			
0	As supplied by the customer	Not Applicable	Not Applicable
Model: A2485, Serial Number: C02DX02Q03G7			
0	As supplied by the customer	Not Applicable	Not Applicable
Model: A2485, Serial Number: F39CJV429M			
0	As supplied by the customer	Not Applicable	Not Applicable

Table 4



1.7 Test Location

TÜV SÜD conducted the following tests at our Fareham Test Laboratory.

Test Name	Name of Engineer(s)	Accreditation
Configuration and Mode: 5 GHz WLAN		
Restricted Band Edges	Jaiyanth Balendrarajah, Liang Tian, Ian Hart, Mohammad Malik, Christopher Bland, and Colin Brain	UKAS
Maximum Conducted Output Power	George Porter and Jason Hicks	UKAS
Maximum Conducted Power Spectral Density	George Porter and Jason Hicks	UKAS
Emission Bandwidth	George Porter and Jason Hicks	UKAS
Authorised Band Edges	Jaiyanth Balendrarajah, Liang Tian, Ian Hart, Mohammad Malik, Christopher Bland, and Colin Brain	UKAS
Spurious Radiated Emissions	Ahmad Javid, Faisal Malyar, Ian Hart, Jaiyanth Balendrarajah, and Taha Shafique	UKAS
Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period	Daniel Cameron	UKAS
Configuration and Mode: 5 GHz WLAN - Client to Client		
Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period	Daniel Cameron	UKAS

Table 5

Office Address:

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



2 Test Details

2.1 Restricted Band Edges

2.1.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.205
ISED RSS-GEN, Clause 8.10

2.1.2 Equipment Under Test and Modification State

A2485, S/N: HV9QMW620K - Modification State 0

2.1.3 Date of Test

27-June-2021 to 12-July-2021

2.1.4 Test Method

The test was performed in accordance with ANSI C63.10, clause 6.10.5.

Restricted Band Edge measurements were performed with the device operating in SISO and MIMO modes, across the various modulations supported by the device.

The measurements displayed within this report have been limited to those modes which have been shown to be worst case.

Where duty cycle corrections were required for average results, these are included in the result tables but are not shown on the plots.

Further measurements are held on file by TÜV SÜD and are available if required.

2.1.5 Environmental Conditions

Ambient Temperature	21.4 - 25.4 °C
Relative Humidity	46.6 - 64.3 %



2.1.6 Test Results

5 GHz WLAN

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 0	54 Mbps	-	-	5180	5150	66.90	50.52
802.11n HT20, Core 0	MCS7	-	-	5180	5150	67.84	49.40
802.11ax HE20, Core 0	MCS11x1	SU	-	5180	5150	68.11	50.15
802.11ax HE20, Core 0	MCS11x1	26	0	5180	5150	67.98	46.38
802.11a, Core 1	54 Mbps	-	-	5320	5350	61.93	49.02
802.11n HT20, Core 1	MCS7	-	-	5320	5350	66.60	49.57
802.11ax HE20, Core 1	MCS11x1	SU	-	5320	5350	65.57	48.51
802.11ax HE20, Core1	MCS11x1	52	40	5320	5350	68.51	50.25
802.11a, Core 1	54 Mbps	-	-	5500	5460	63.36	48.82
802.11n HT20, Core 1	MCS7	-	-	5500	5460	65.13	48.55
802.11ax HE20, Core 1	MCS11x1	SU	-	5500	5460	68.55	49.12
802.11ax HE20, Core 1	MCS11x1	52	37	5500	5460	66.09	48.98

Table 6 - 20 MHz Bandwidth SISO Restricted Band Edge Results



Figure 1 - 802.11a, Core 0 - 5180 MHz, Band Edge Frequency 5150 MHz



Figure 2 - 802.11n HT20, Core 0 - 5180 MHz, Band Edge Frequency 5150 MHz

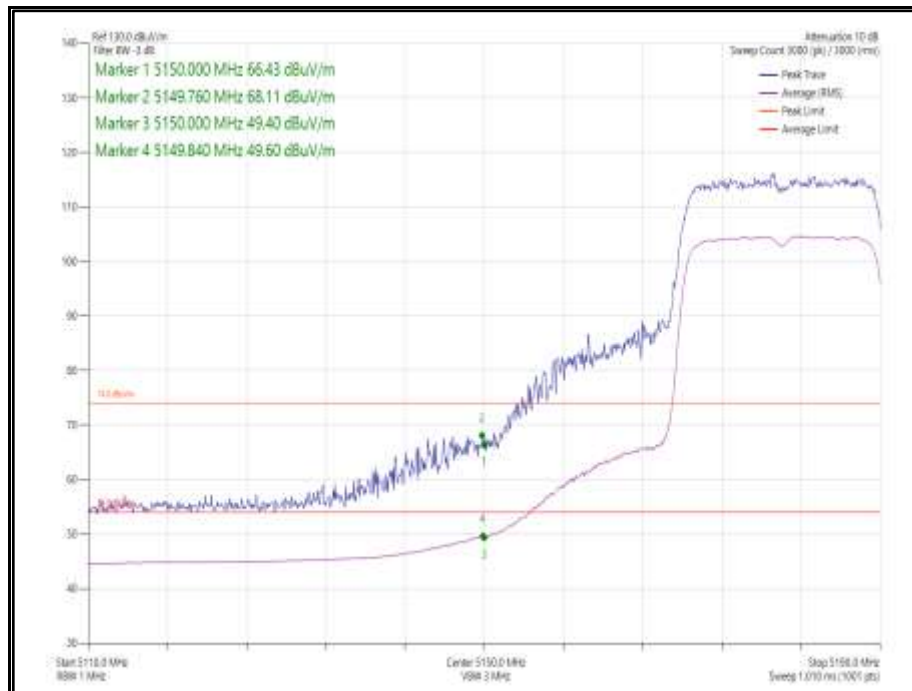


Figure 3 - 802.11ax HE20, Core 0, SU - 5180 MHz, Band Edge Frequency 5150 MHz

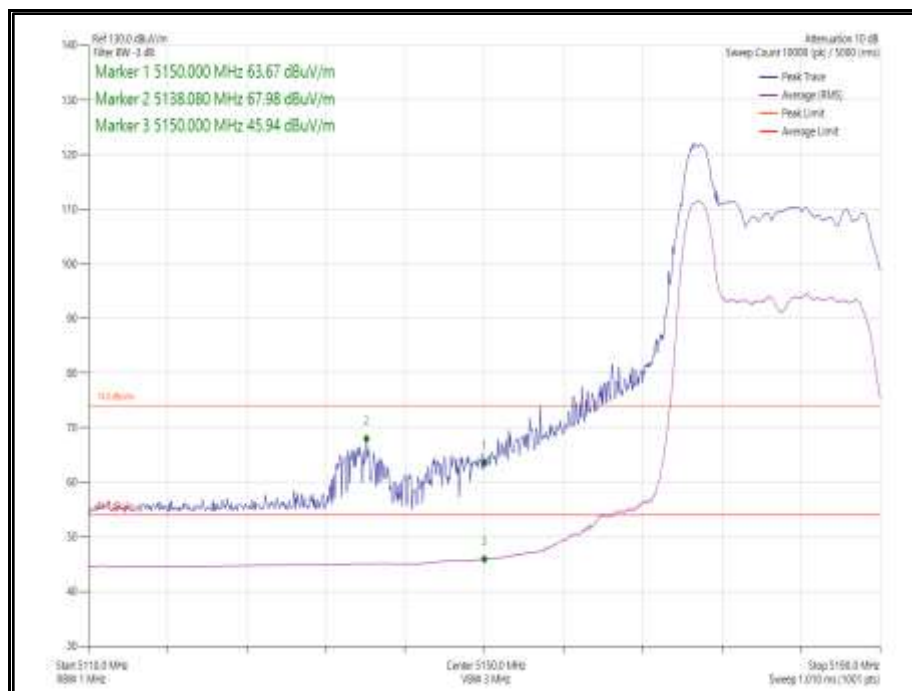


Figure 4 - 802.11ax HE20, Core 0, 26-0 - 5180 MHz, Band Edge Frequency 5150 MHz

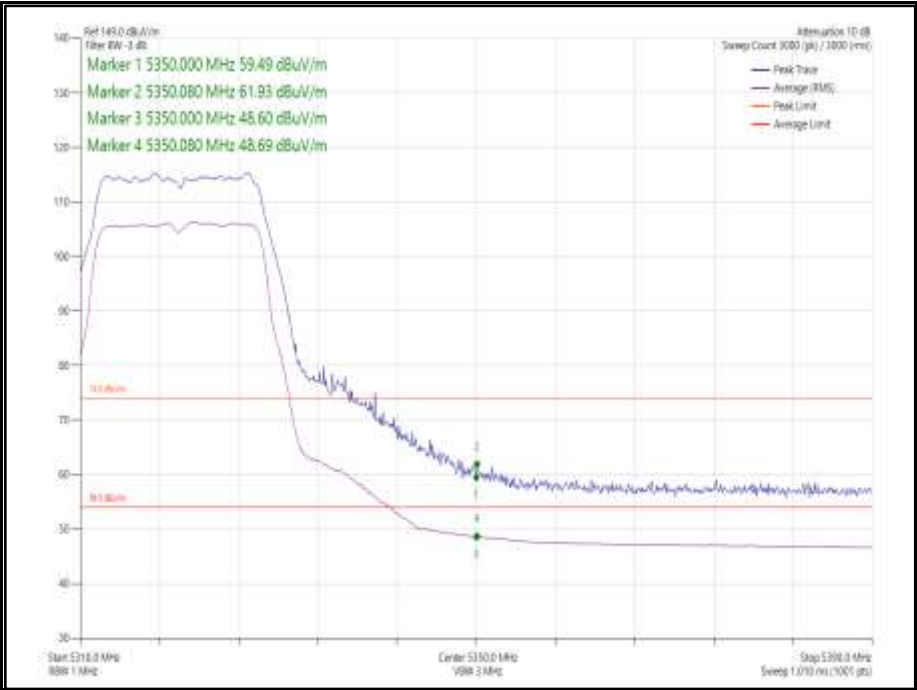


Figure 5 - 802.11a, Core 1 - 5320 MHz, Band Edge Frequency 5350 MHz

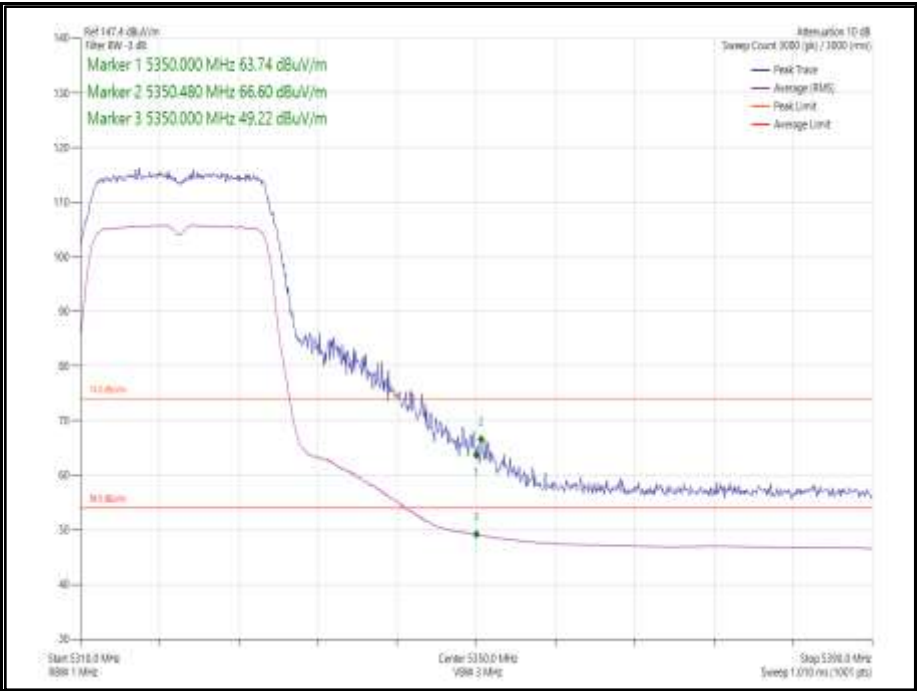


Figure 6 - 802.11n HT20, Core 1 - 5320 MHz, Band Edge Frequency 5350 MHz

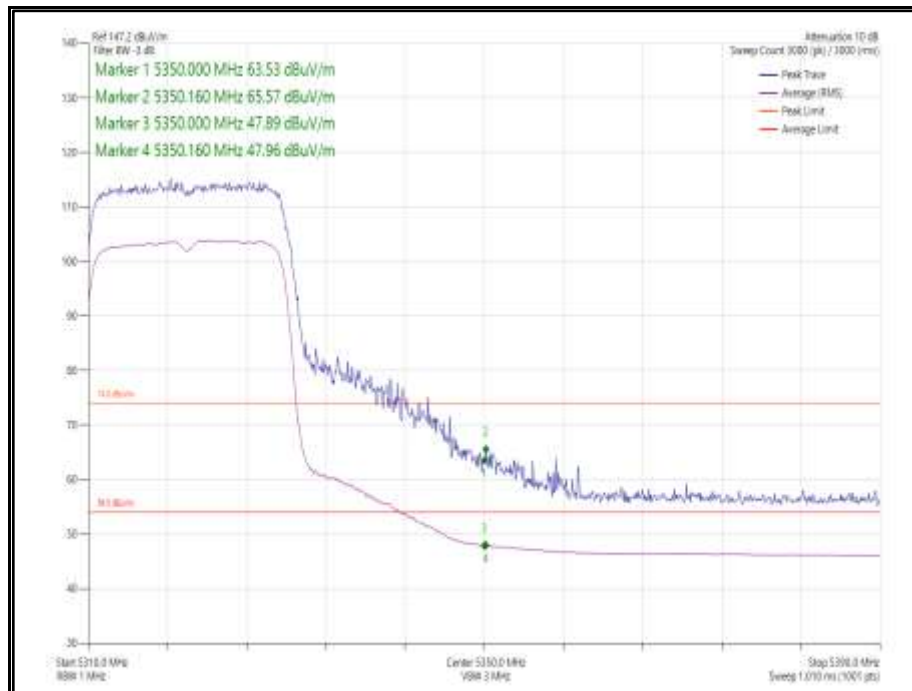


Figure 7 - 802.11ax HE20, Core 1, SU - 5320 MHz, Band Edge Frequency 5350 MHz

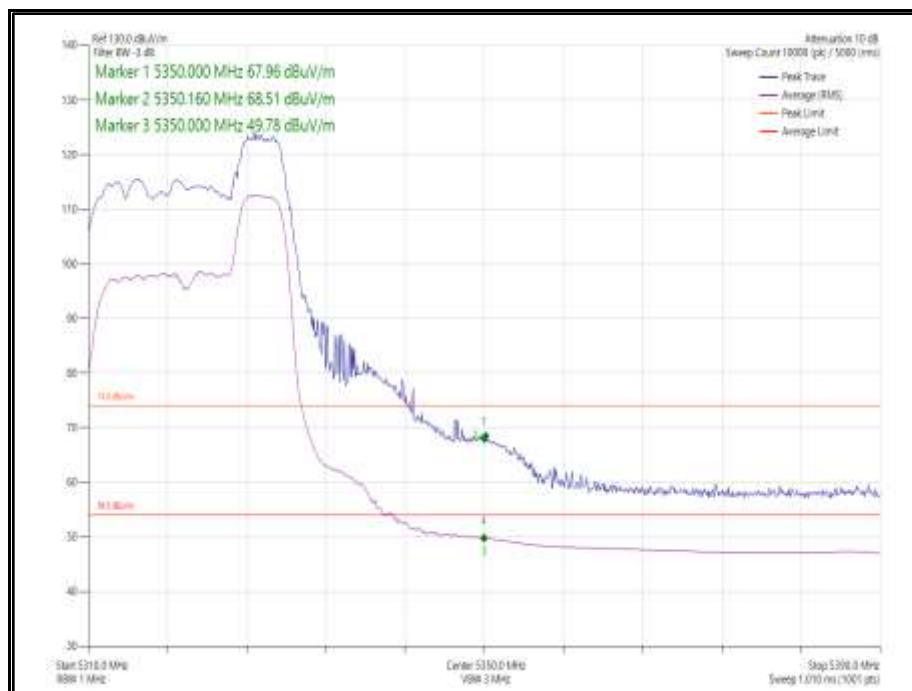


Figure 8 - 802.11ax HE20, Core 1, 52-40 - 5320 MHz, Band Edge Frequency 5350 MHz

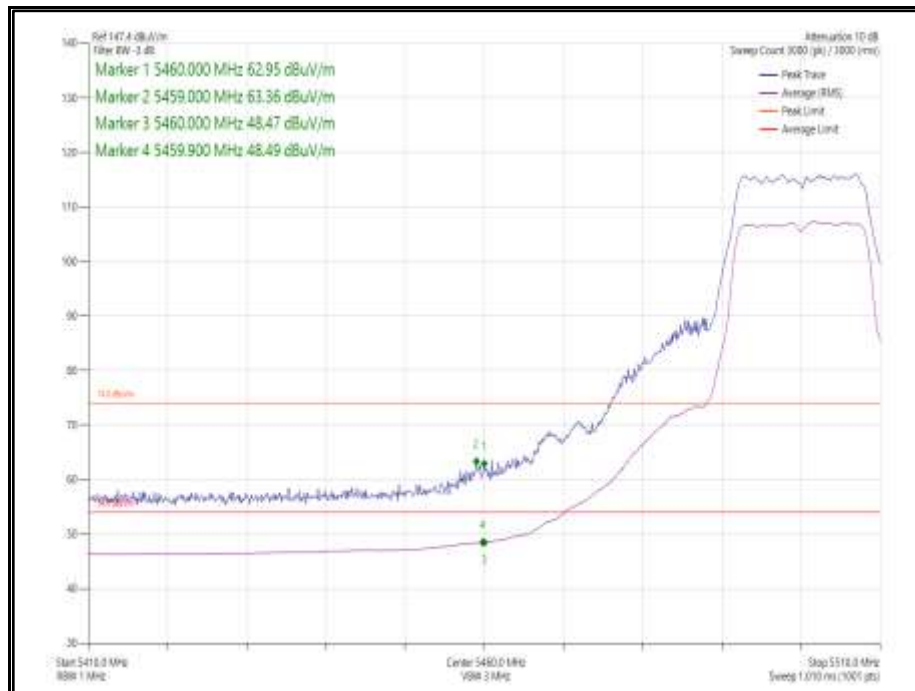


Figure 9 - 802.11a, Core 1 - 5500 MHz, Band Edge Frequency 5460 MHz

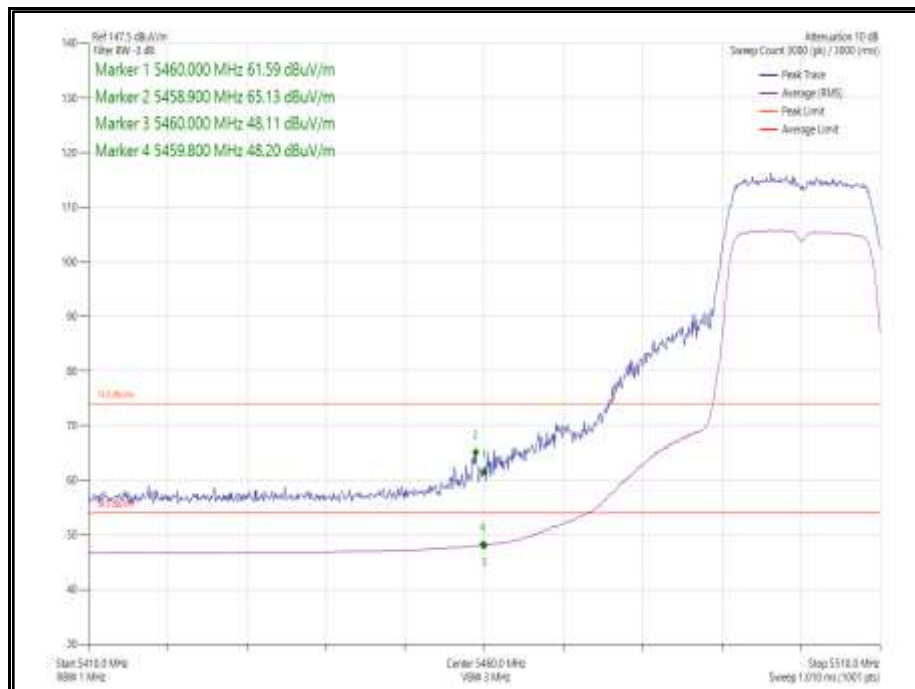


Figure 10 - 802.11n HT20, Core 1 - 5500 MHz, Band Edge Frequency 5460 MHz

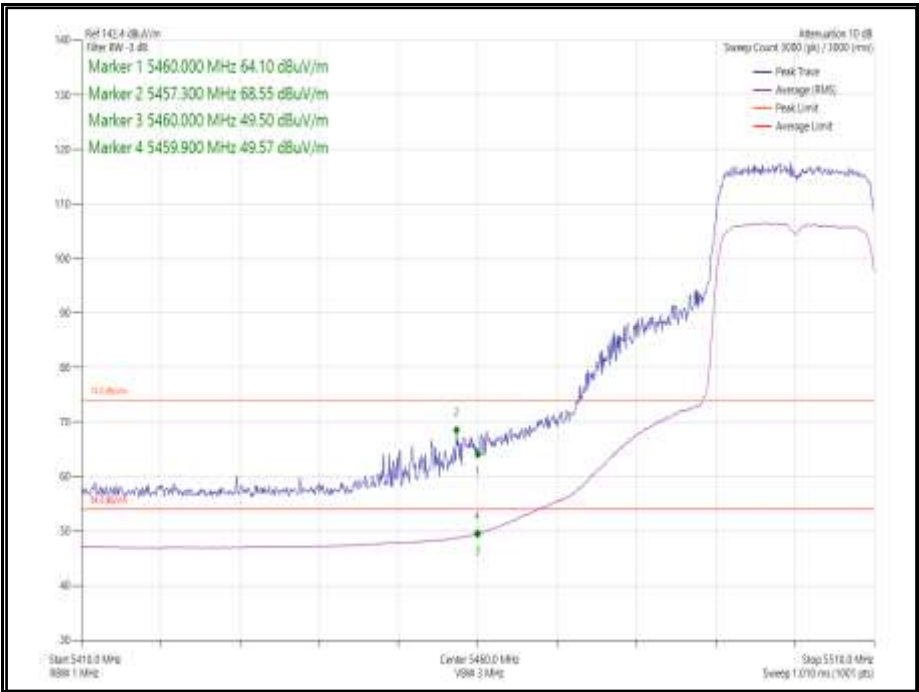


Figure 11 - 802.11ax HE20, Core 1, SU - 5500 MHz, Band Edge Frequency 5460 MHz

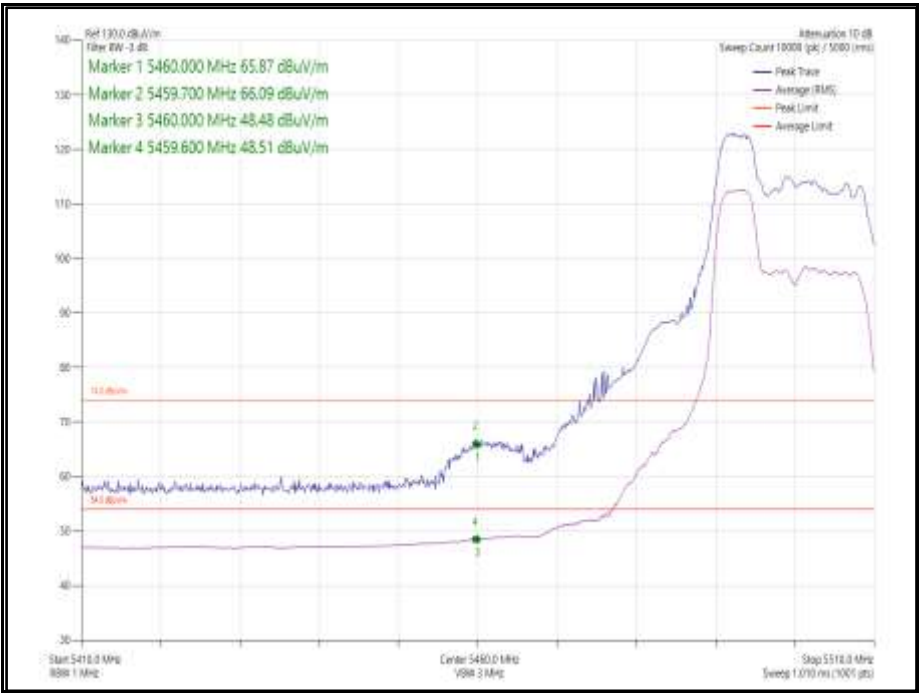


Figure 12 - 802.11ax HE20, Core 1, 52-37 - 5500 MHz, Band Edge Frequency 5460 MHz



Mode	Modulation Coding Scheme	Resource size	Resource Index	Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11n HT20 CDD, Cores 0-1	MCS7	-	-	5180	5150	68.64	50.31
802.11n HT20 SDM, Cores 0-1	MCS15	-	-	5180	5150	67.59	50.82
802.11ax HE20 CDD Cores 0-1	MCS11x1	SU	-	5180	5150	68.86	50.54
802.11ax HE20 CDD, Cores 0-1	MCS11x1	26	0	5180	5150	68.64	47.81
802.11ax HE20 SDM, Cores 0-1	MCS11x2	SU	-	5180	5150	68.60	50.48
802.11ax HE20 SDM, Cores 0-1	MCS11x2	26	0	5180	5150	68.46	47.92
802.11n HT20 CDD, Cores 0-1	MCS7	-	-	5320	5350	67.77	50.65
802.11n HT20 SDM, Cores 0-1	MCS15	-	-	5320	5350	67.95	50.63
802.11ax HE20 CDD, Cores 0-1	MCS11x1	SU	-	5320	5350	68.35	50.87
802.11ax HE20 CDD, Cores 0-1	MCS11x1	52	40	5320	5350	68.50	50.37
802.11ax HE20 SDM, Cores 0-1	MCS11x2	SU	-	5320	5350	68.82	50.60
802.11ax HE20 SDM, Cores 0-1	MCS11x2	52	40	5320	5350	68.02	50.31
802.11n HT20 CDD, Cores 0-1	MCS7	-	-	5500	5460	68.08	50.14
802.11n HT20 SDM, Cores 0-1	MCS15	-	-	5500	5460	66.16	50.48
802.11ax HE20 CDD, Cores 0-1	MCS11x1	SU	-	5500	5460	67.13	50.69
802.11ax HE20 CDD, Cores 0-1	MCS11x1	52	37	5500	5460	67.92	50.30
802.11ax HE20 SDM, Cores 0-1	MCS11x2	SU	-	5500	5460	67.50	50.17
802.11ax HE20 SDM, Cores 0-1	MCS11x2	52	37	5500	5460	67.55	50.16

Table 7 - 20 MHz Bandwidth 2TX MIMO Restricted Band Edge Results

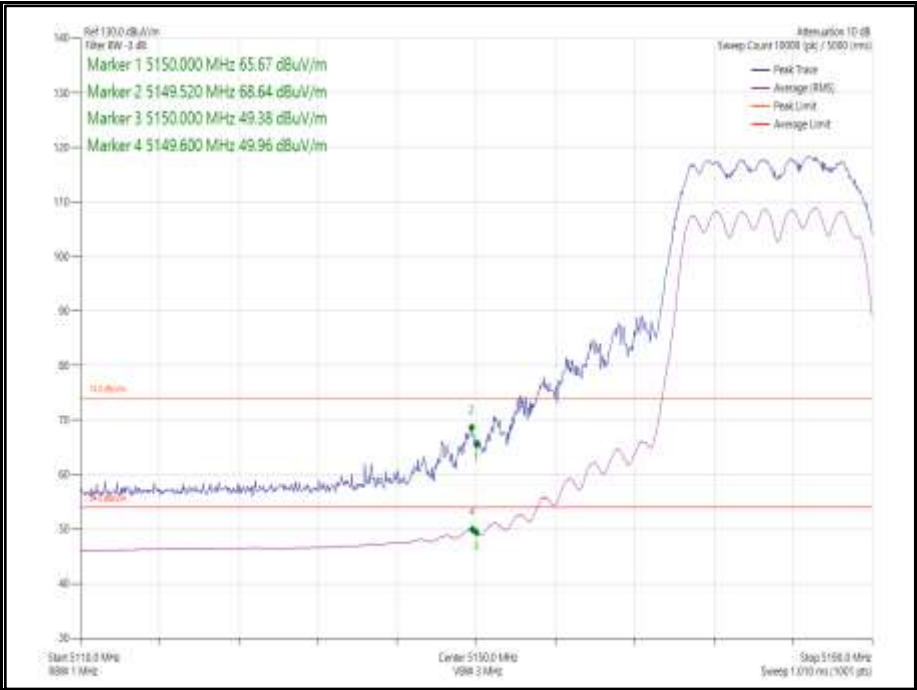


Figure 13 - 802.11n HT20 CDD, Cores 0-1 - 5180 MHz
Band Edge Frequency 5150 MHz

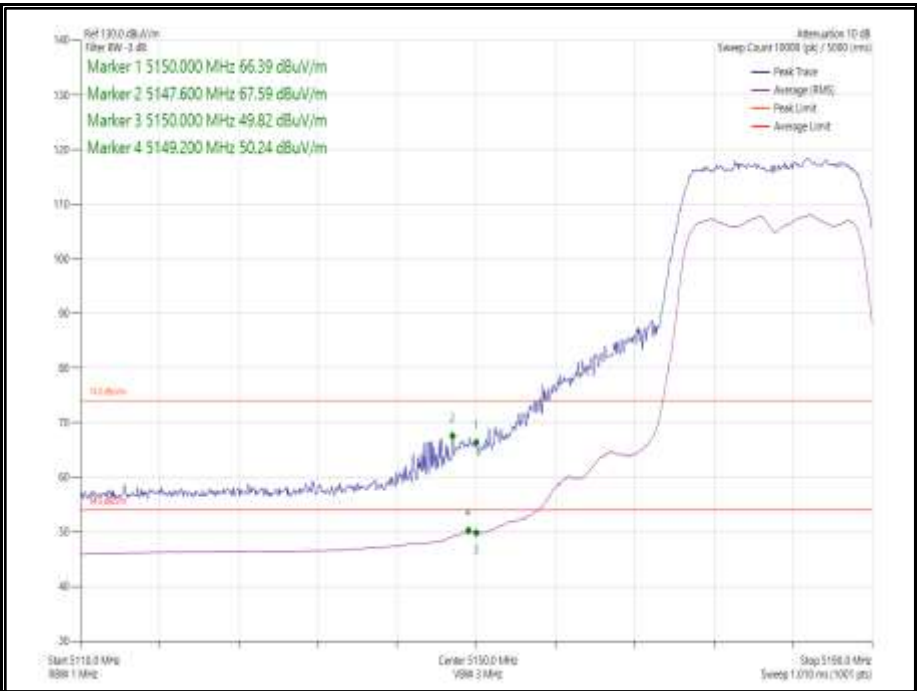
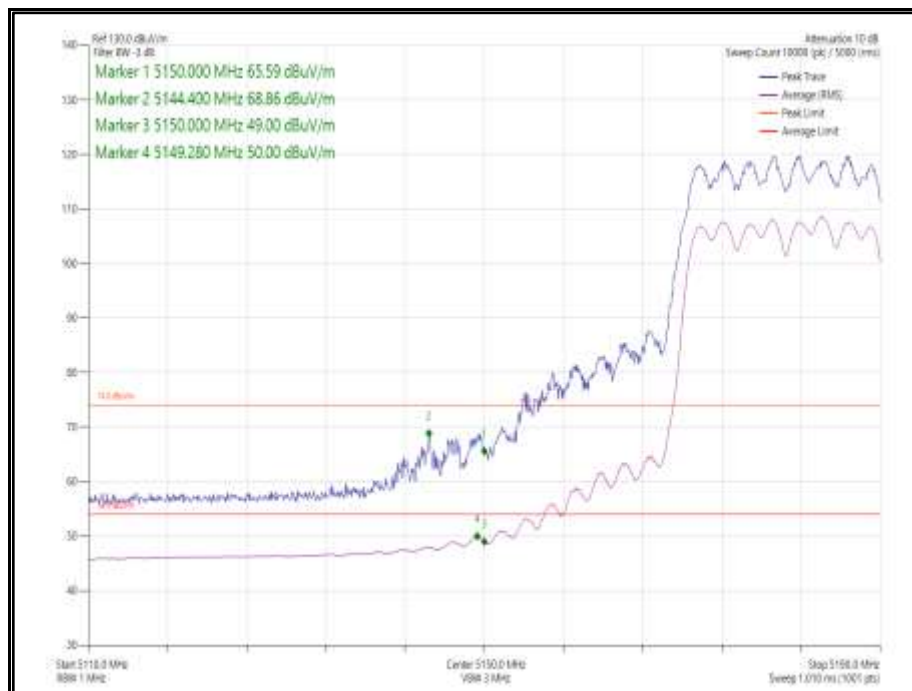
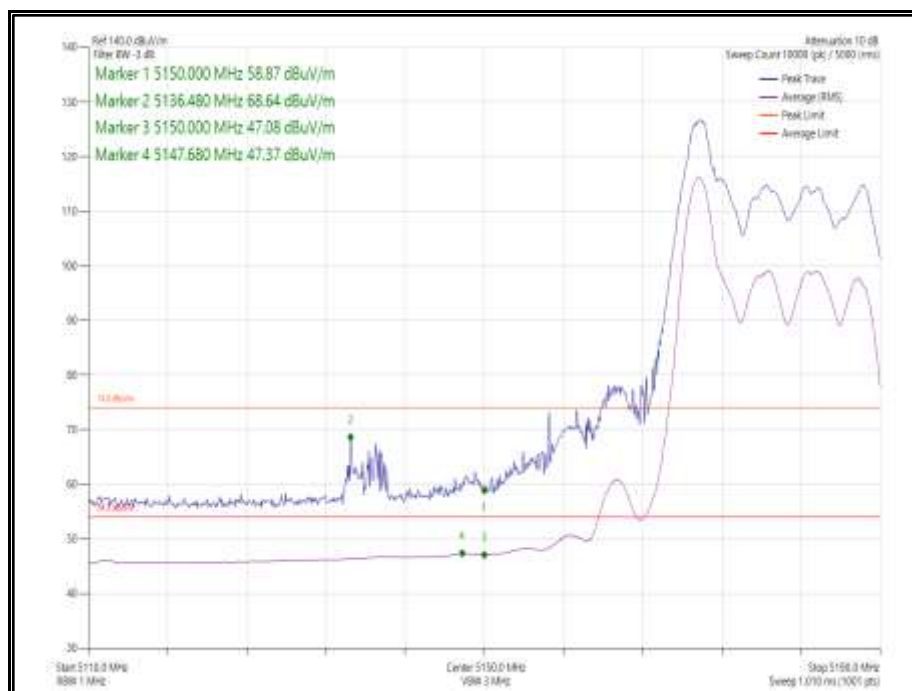


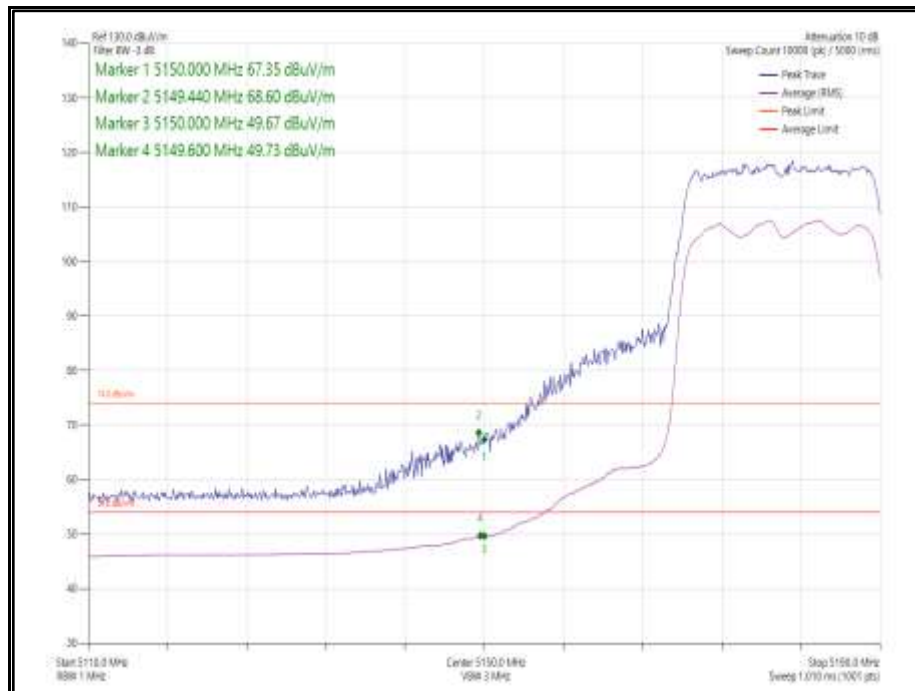
Figure 14 - 802.11n HT20 SDM, Cores 0-1 - 5180 MHz
Band Edge Frequency 5150 MHz



**Figure 15 - 802.11ax HE20 CDD, Cores 0-1 SU - 5180 MHz
Band Edge Frequency 5150 MHz**



**Figure 16 - 802.11ax HE20 CDD, Cores 0-1, 26-0 - 5180 MHz
Band Edge Frequency 5150 MHz**



**Figure 17 - 802.11ax HE20 SDM, Cores 0-1, SU - 5180 MHz
Band Edge Frequency 5150 MHz**



**Figure 18 - 802.11ax HE20 SDM, Cores 0-1, 26-0 - 5180 MHz
Band Edge Frequency 5150 MHz**

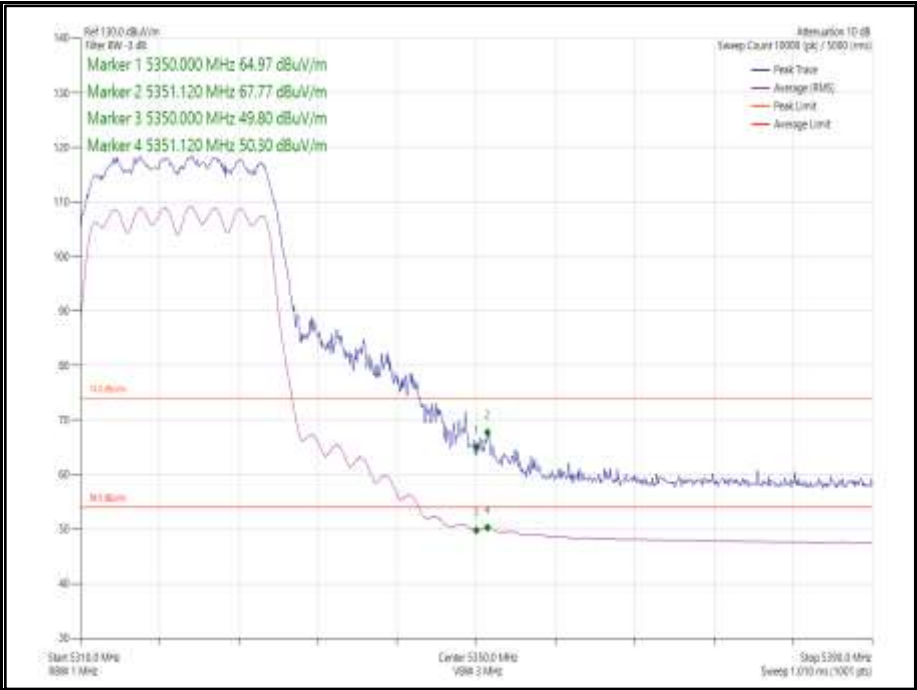


Figure 19 - 802.11n HT20 CDD, Cores 0-1 - 5320 MHz
Band Edge Frequency 5350 MHz

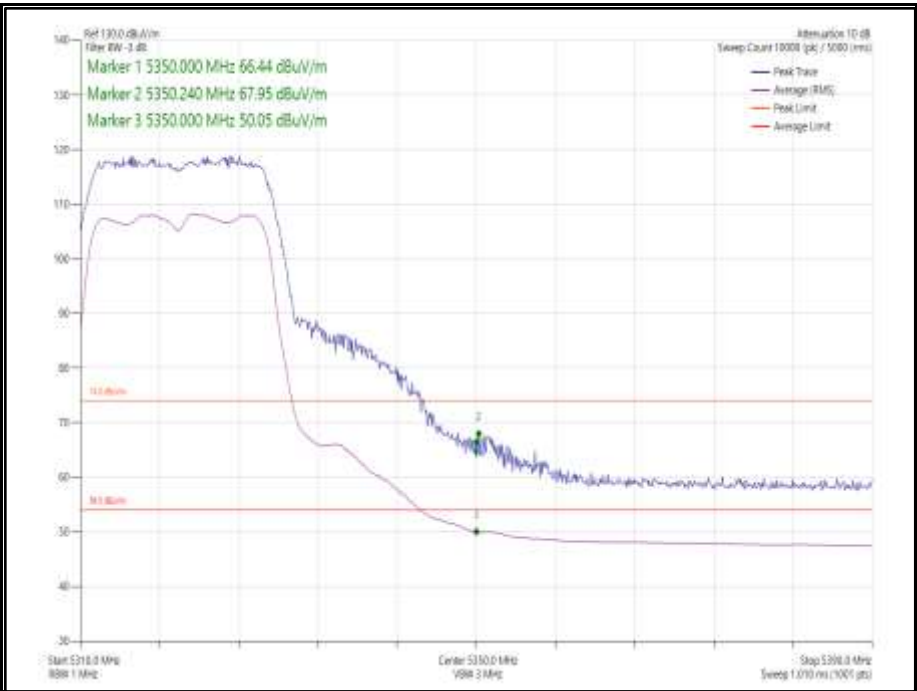
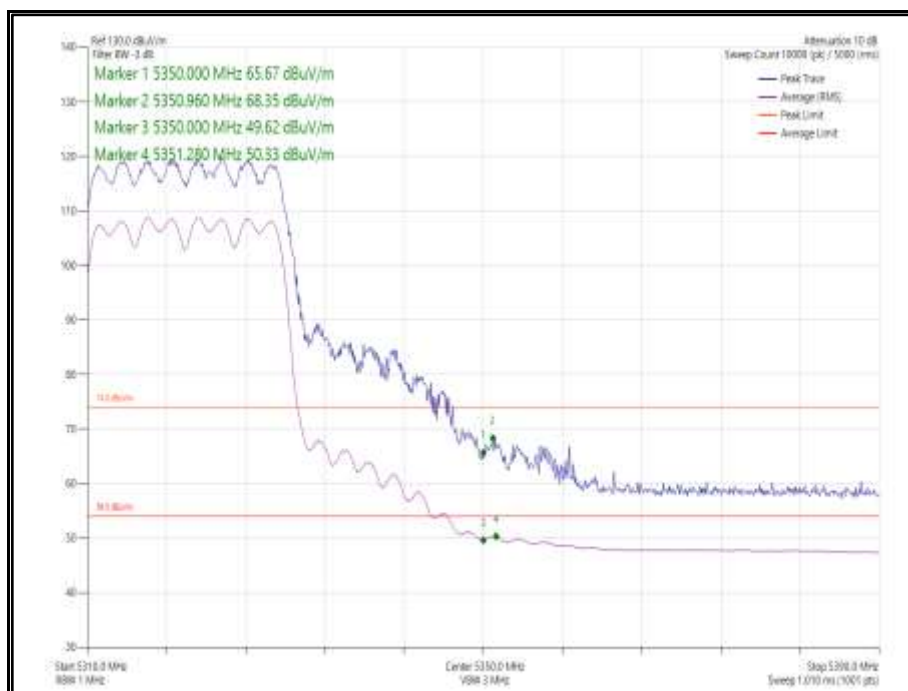
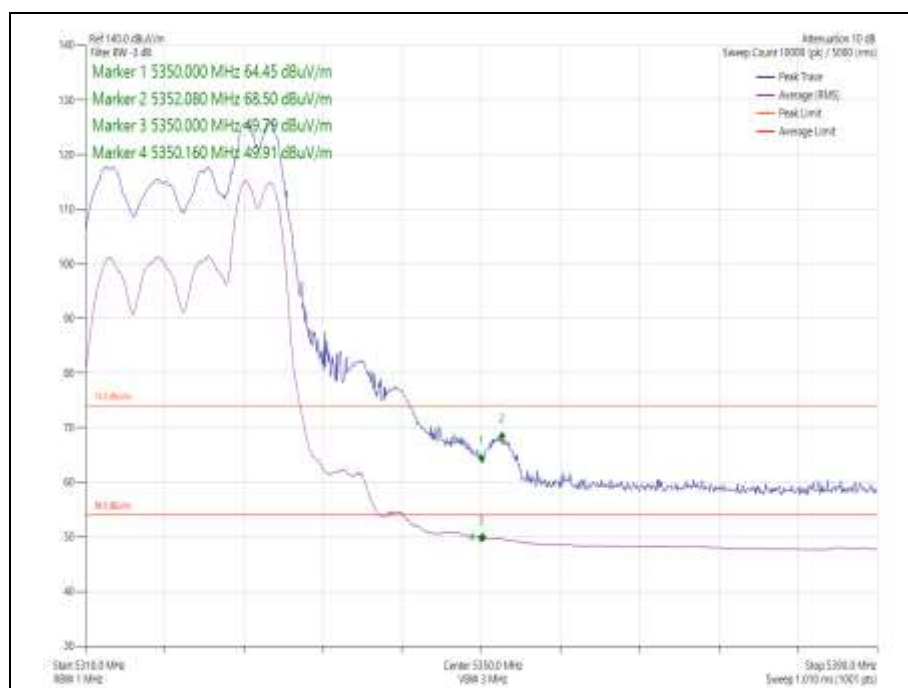


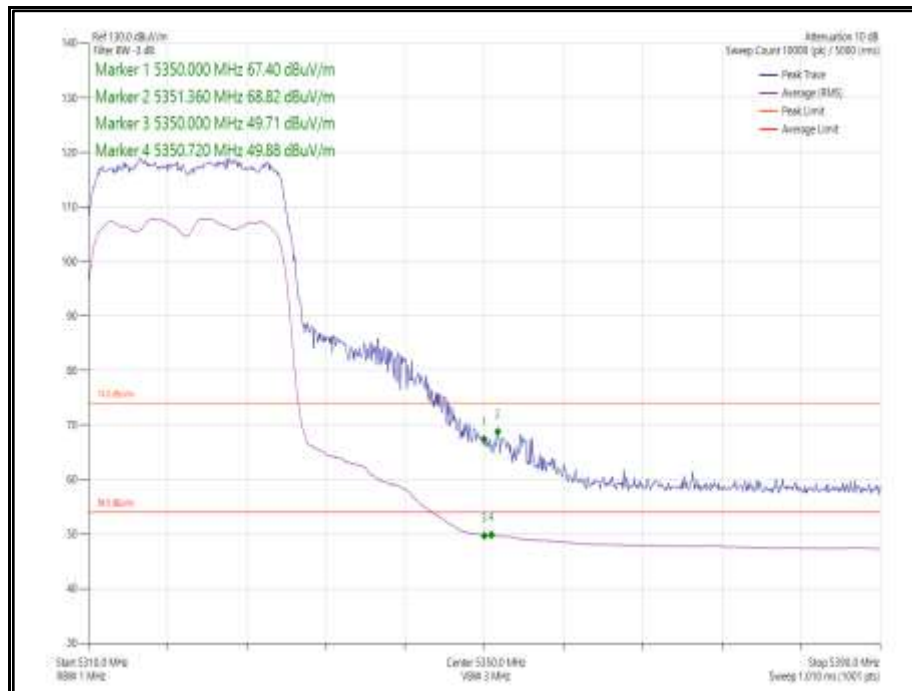
Figure 20 - 802.11n HT20 SDM, Cores 0-1 - 5320 MHz
Band Edge Frequency 5350 MHz



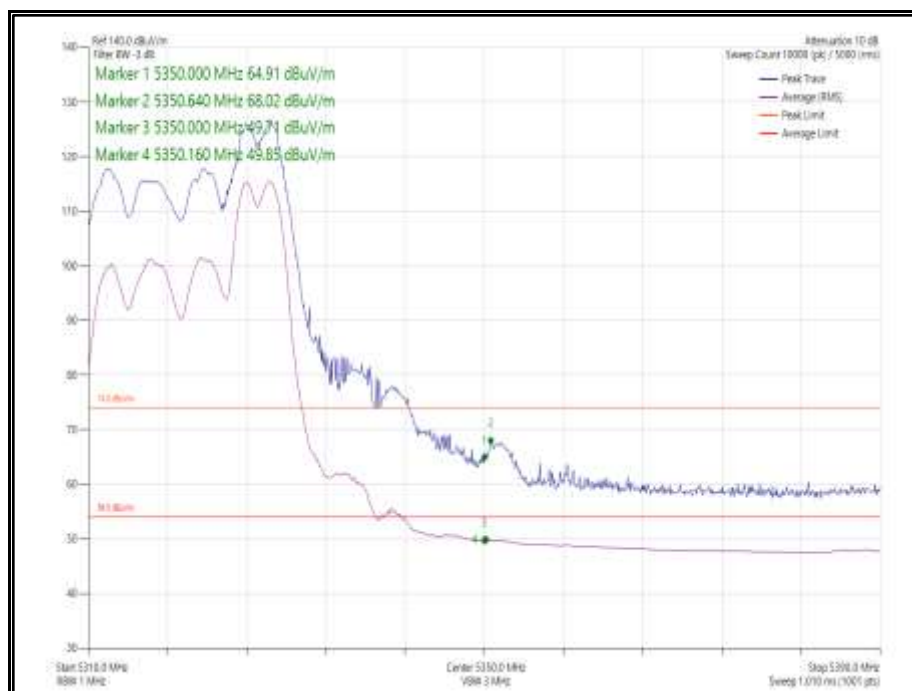
**Figure 21 - 802.11ax HE20 CDD, Cores 0-1, SU - 5320 MHz
Band Edge Frequency 5350 MHz**



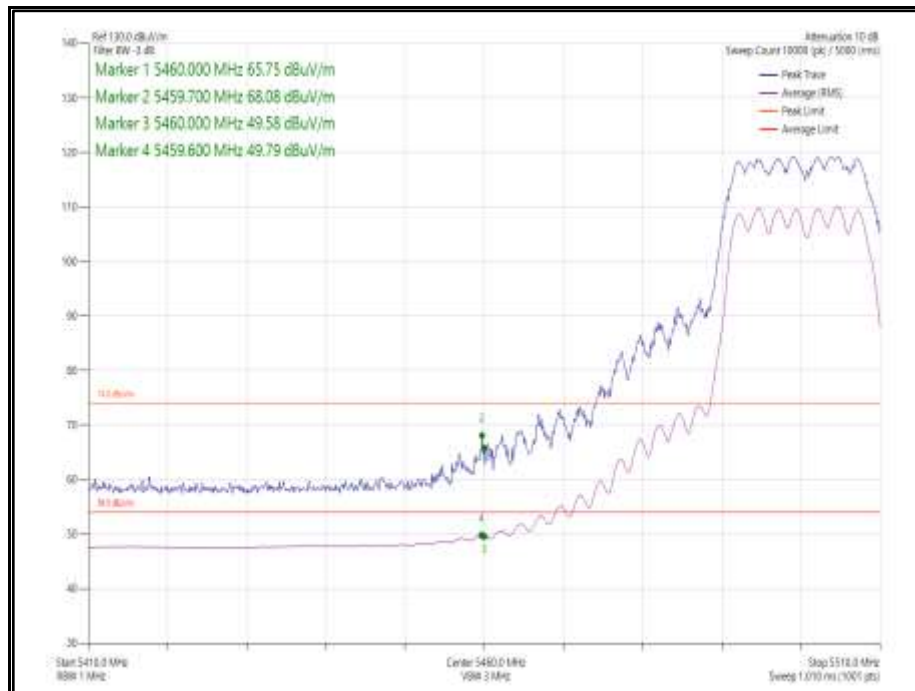
**Figure 22 - 802.11ax HE20 CDD, Cores 0-1, 52-40 - 5320 MHz
Band Edge Frequency 5350 MHz**



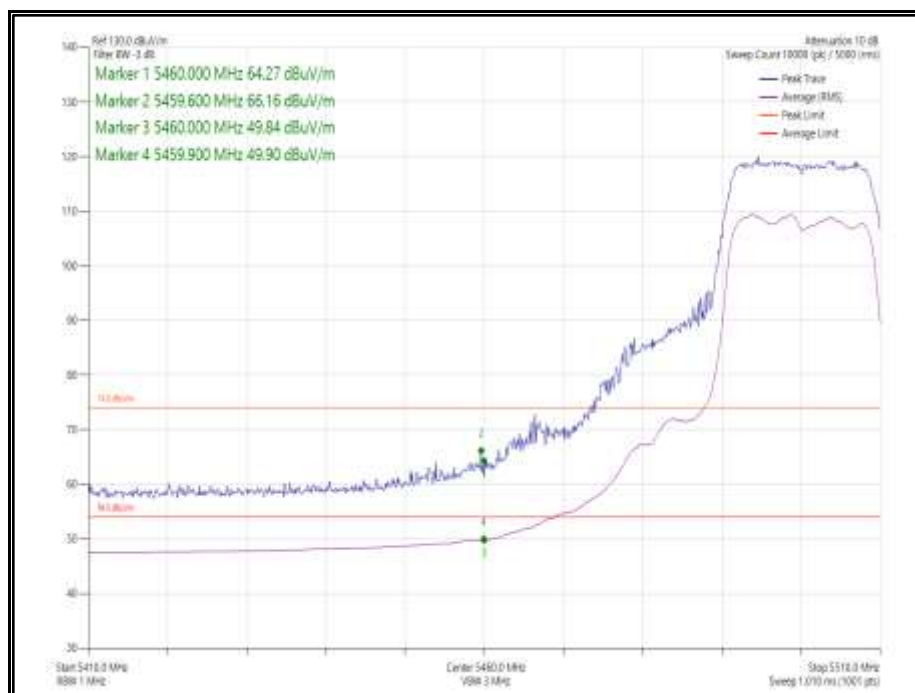
**Figure 23 - 802.11ax HE20 SDM, Cores 0-1, SU - 5320 MHz
Band Edge Frequency 5350 MHz**



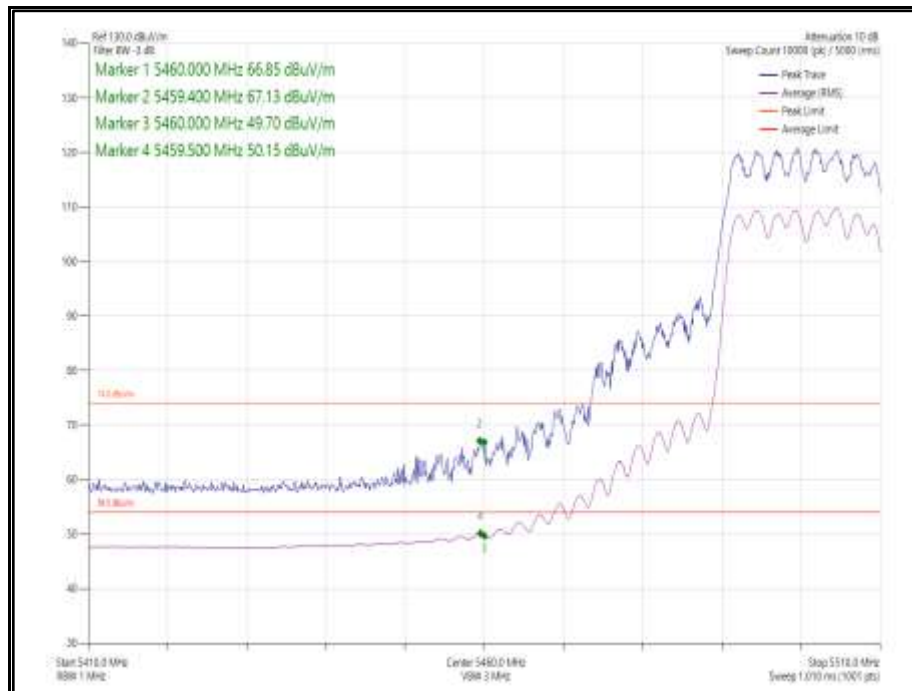
**Figure 24 - 802.11ax HE20 SDM, Cores 0-1, 52-40 - 5320 MHz
Band Edge Frequency 5350 MHz**



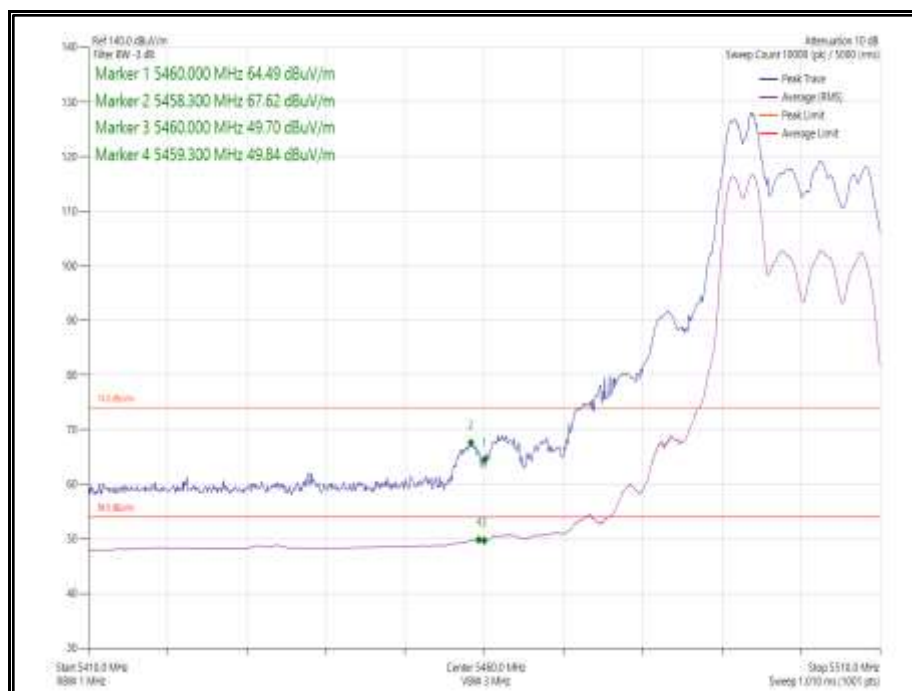
**Figure 25 - 802.11n HT20 CDD, Cores 0-1 - 5500 MHz
Band Edge Frequency 5460 MHz**



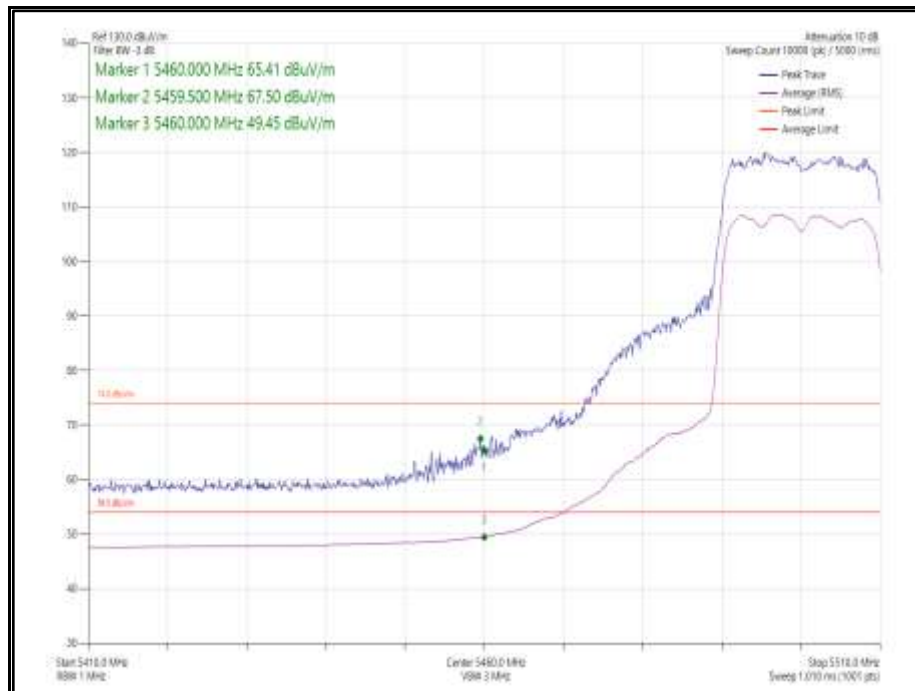
**Figure 26 - 802.11n HT20 SDM, Cores 0-1 - 5500 MHz
Band Edge Frequency 5460 MHz**



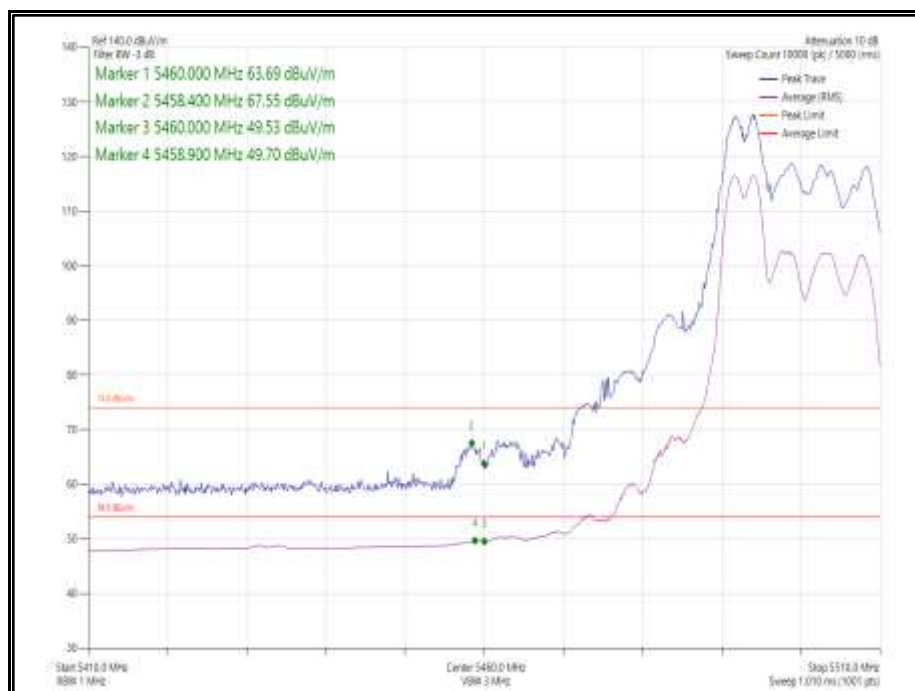
**Figure 27 - 802.11ax HE20 CDD, Cores 0-1, SU- 5500 MHz
Band Edge Frequency 5460 MHz**



**Figure 28 - 802.11ax HE20 CDD, Cores 0-1, 52-37 - 5500 MHz
Band Edge Frequency 5460 MHz**



**Figure 29- 802.11ax HE20 SDM, Cores 0-1, SU- 5500 MHz
Band Edge Frequency 5460 MHz**

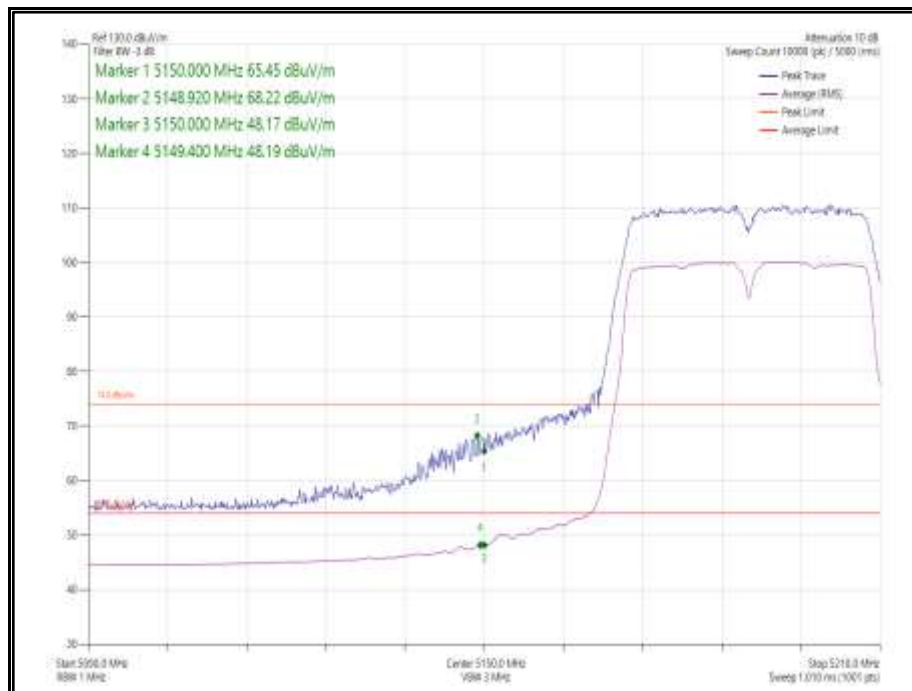


**Figure 30 - 802.11ax HE20 SDM, Cores 0-1, 52-37 - 5500 MHz
Band Edge Frequency 5460 MHz**

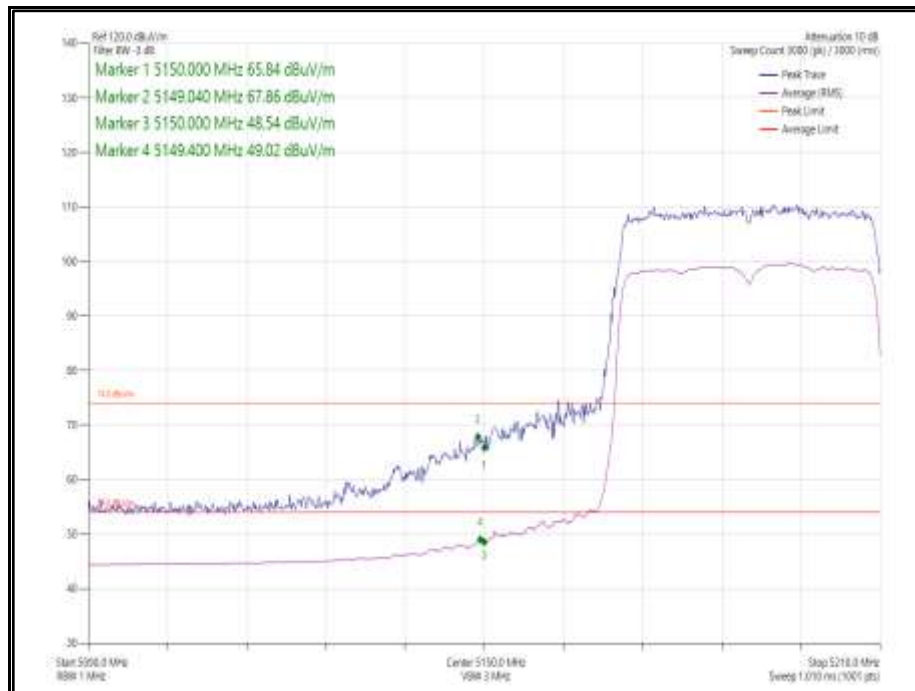


Mode	Data Rate/MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11n HT40, Core 0	MCS7	-	-	5190	5150	68.22	48.78
802.11ax HE40, Core 0	MCS11x1	SU	-	5190	5150	67.86	49.56
802.11ax HE40, Core 0	MCS11x1	26	0	5190	5150	67.92	46.18
802.11n HT40, Core 1	MCS7	-	-	5310	5350	65.63	49.39
802.11ax HE40, Core 1	MCS11x1	SU	-	5310	5350	65.63	49.50
802.11ax HE40, Core 1	MCS11x1	52	44	5310	5350	67.77	47.44
802.11n HT40, Core 1	MCS7	-	-	5510	5460	66.11	49.77
802.11ax HE40, Core 1	MCS11x1	SU	-	5510	5460	66.76	50.49
802.11ax HE40, Core 1	MCS11x1	52	37	5510	5460	68.86	48.87

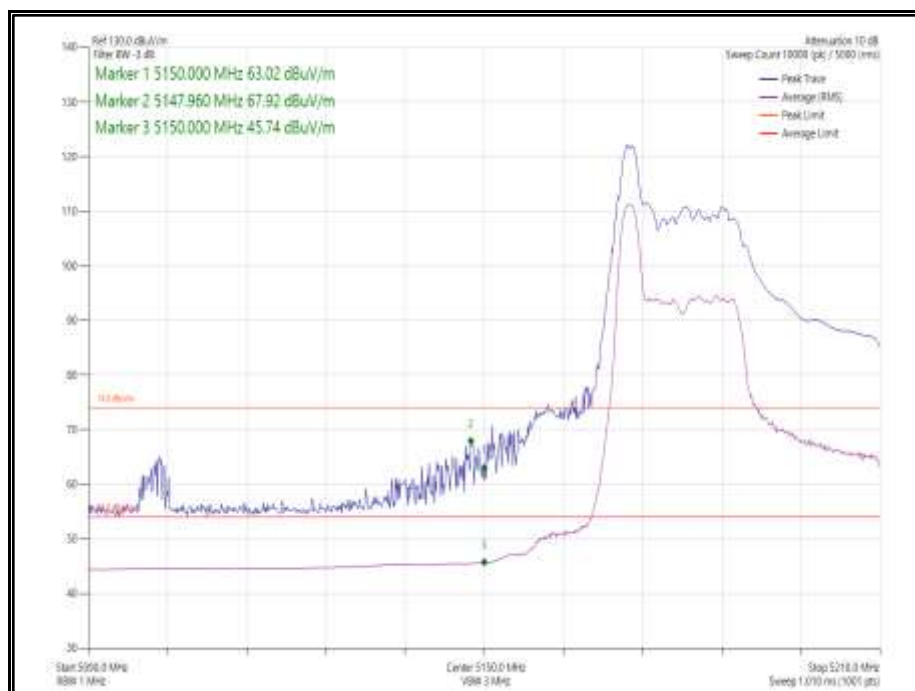
Table 8 - 40 MHz Bandwidth SISO Restricted Band Edge Results



**Figure 31 - 802.11n HT40, Core 0 - 5190 MHz
Band Edge Frequency 5150 MHz**



**Figure 32 - 802.11ax HE40, Core 0, SU - 5190 MHz
Band Edge Frequency 5150 MHz**



**Figure 33 - 802.11ax HE40, Core 0, 26-0 - 5190 MHz
Band Edge Frequency 5150 MHz**

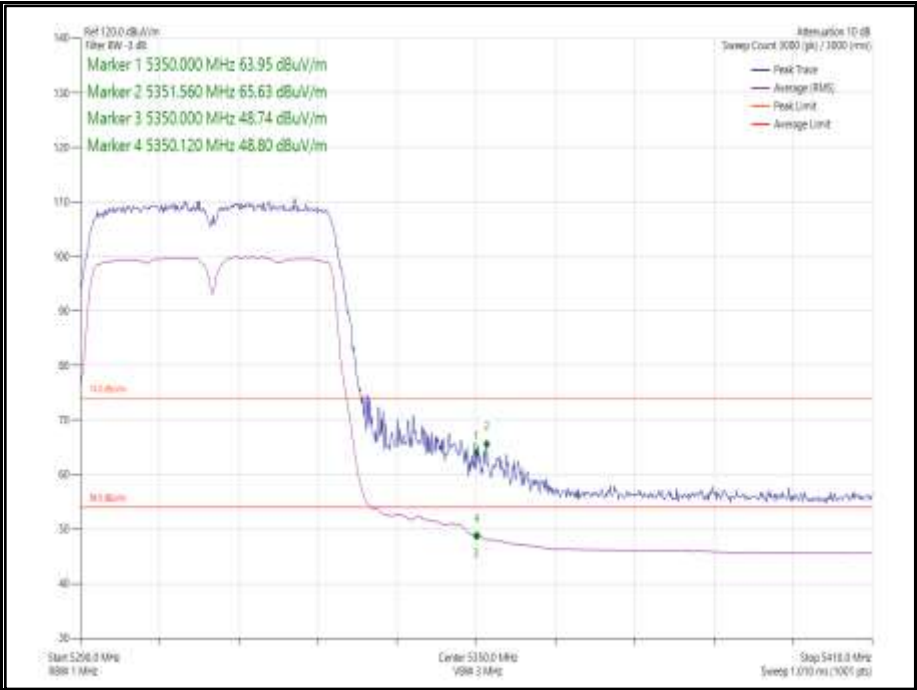


Figure 34 - 802.11n HT40, Core 1 - 5310 MHz
Band Edge Frequency 5350 MHz

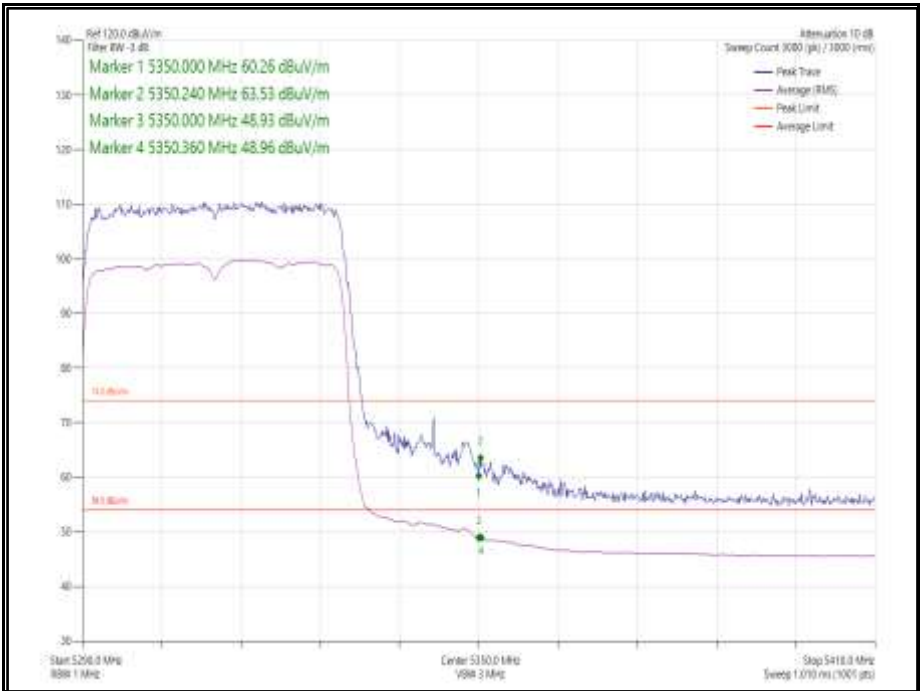
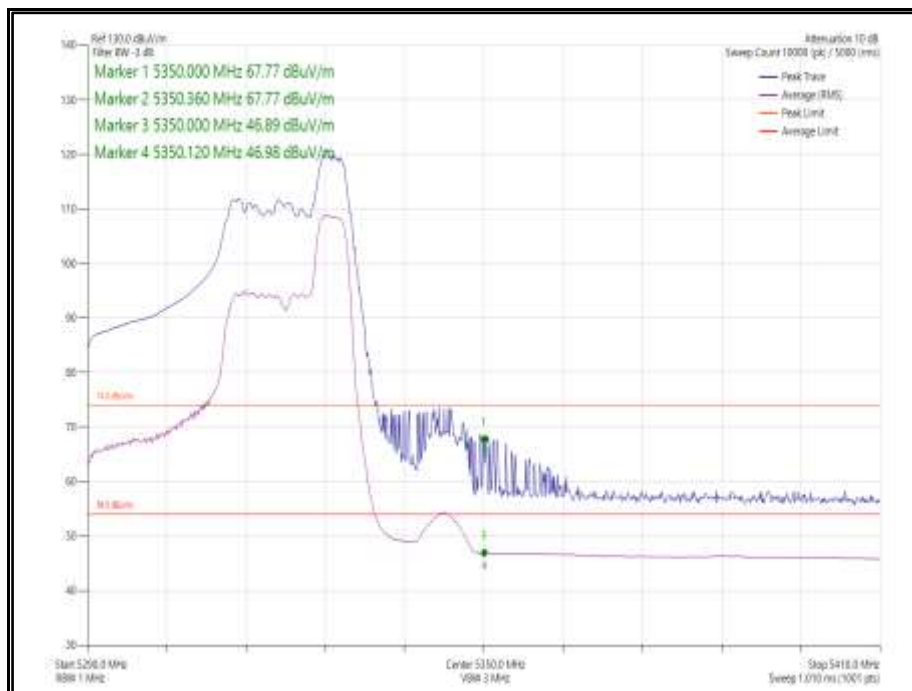
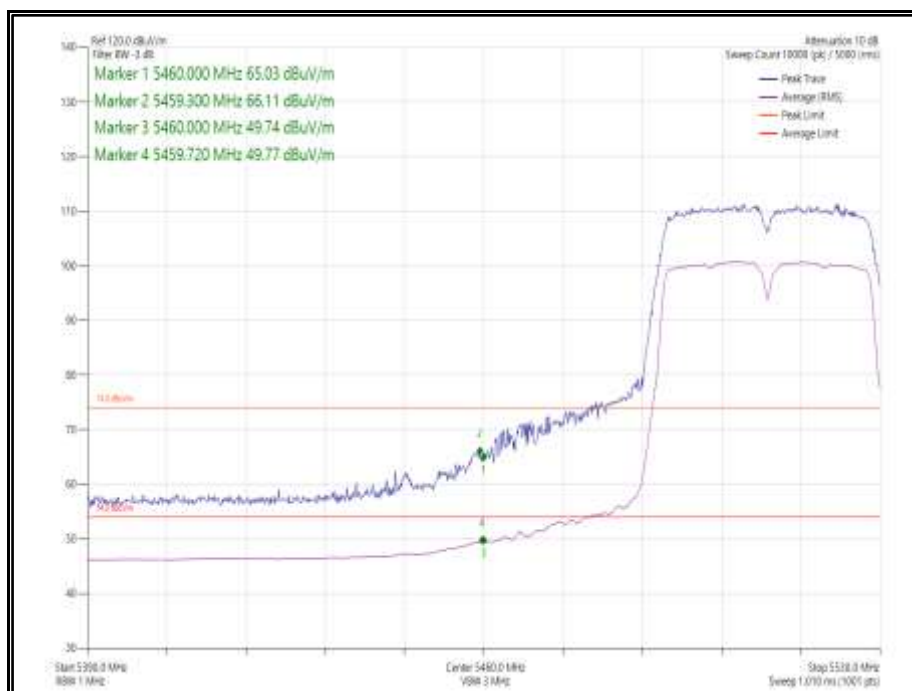


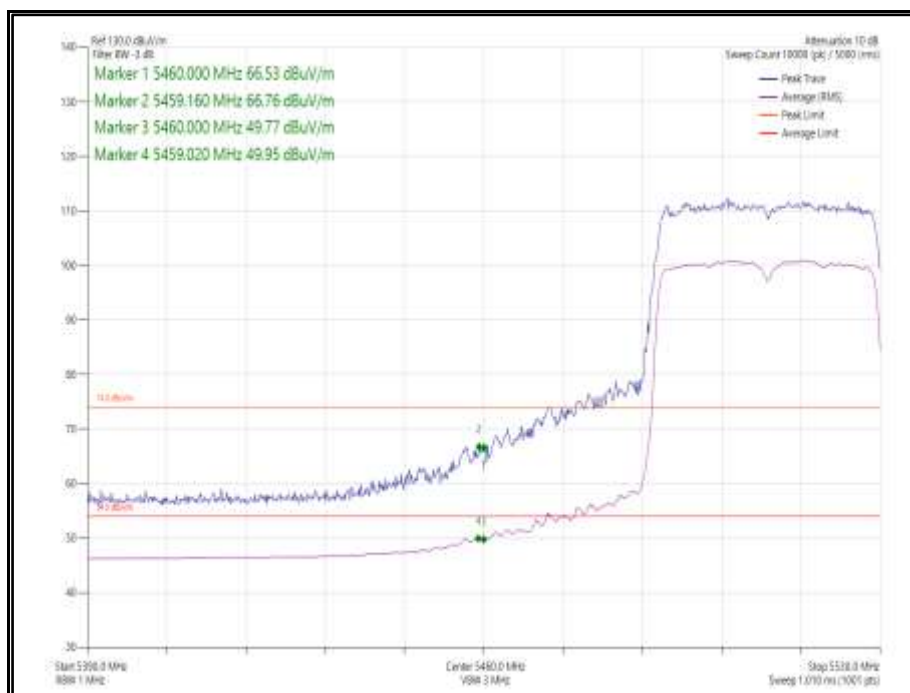
Figure 35 - 802.11ax HE40, Core 1, SU - 5310 MHz
Band Edge Frequency 5350 MHz



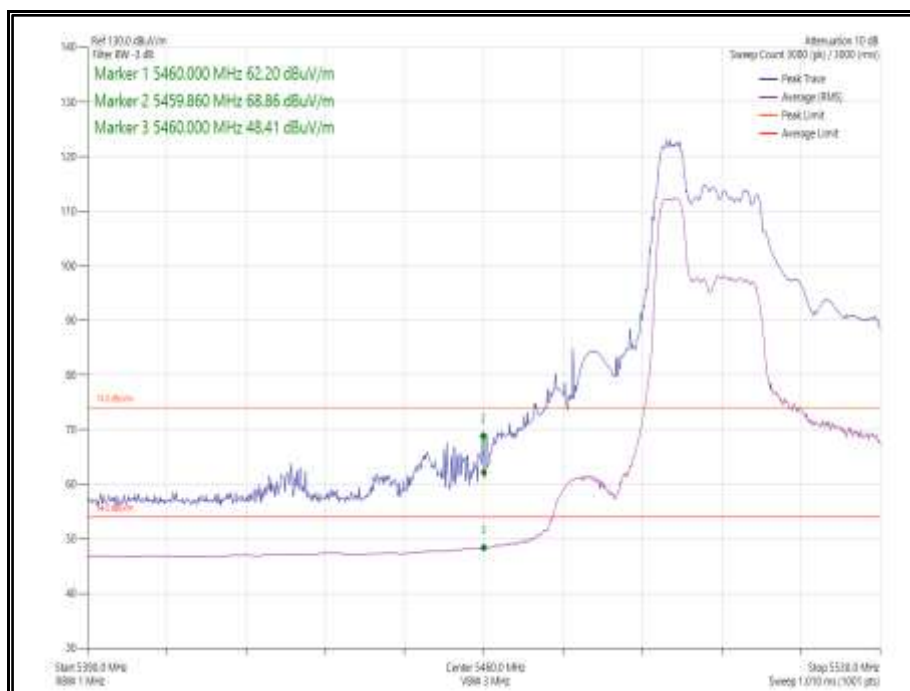
**Figure 36 - 802.11ax HE40, Core 1, 52-44 - 5310 MHz
Band Edge Frequency 5350 MHz**



**Figure 37 - 802.11n HT40, Core 1 - 5510 MHz
Band Edge Frequency 5460 MHz**



**Figure 38 - 802.11ax HE40, Core 1, SU - 5510 MHz
Band Edge Frequency 5460 MHz**



**Figure 39 - 802.11ax HE40, Core 1, 52-37- 5510 MHz
Band Edge Frequency 5460 MHz**



Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11n HT40 CDD, Cores 0-1	MCS7	-	-	5190	5150	68.51	49.40
802.11n HT40 SDM, Cores 0-1	MCS15	-	-	5190	5150	68.42	49.38
802.11ax HE40 CDD, Cores 0-1	MCS11x1	SU	-	5190	5150	68.01	49.41
802.11ax HE40 CDD, Cores 0-1	MCS11x1	26	0	5190	5150	68.70	46.80
802.11ax HE40 SDM, Cores 0-1	MCS11x2	SU	-	5190	5150	69.22	49.32
802.11ax HE40 SDM, Cores 0-1	MCS11x2	26	0	5190	5150	68.07	46.03
802.11n HT40 CDD, Cores 0-1	MCS7	-	-	5310	5350	65.33	50.07
802.11n HT40 SDM, Cores 0-1	MCS15	-	-	5310	5350	63.41	49.71
802.11ax HE40 CDD, Cores 0-1	MCS2x1	SU	-	5310	5350	64.79	50.49
802.11ax HE40 CDD, Cores 0-1	MCS11x1	52	44	5310	5350	68.42	47.96
802.11ax HE40 SDM, Cores 0-1	MCS11x2	SU	-	5310	5350	65.91	50.15
802.11ax HE40 SDM, Cores 0-1	MCS11x2	52	44	5310	5350	68.69	47.98
802.11n HT40 CDD, Cores 0-1	MCS7	-	-	5510	5460	65.88	50.06
802.11n HT40 SDM, Cores 0-1	MCS15	-	-	5510	5460	66.32	50.04
802.11ax HE40 CDD, Cores 0-1	MCS11x1	SU	-	5510	5460	68.92	50.26
802.11ax HE40 CDD, Cores 0-1	MCS11x1	52	37	5510	5460	67.01	49.67
802.11ax HE40 SDM, Cores 0-1	MCS11x2	SU	-	5510	5460	66.08	50.26
802.11ax HE40 SDM, Cores 0-1	MCS11x2	52	37	5510	5460	68.89	49.77

Table 9 – 40 MHz Bandwidth 2TX MIMO Restricted Band Edge Results

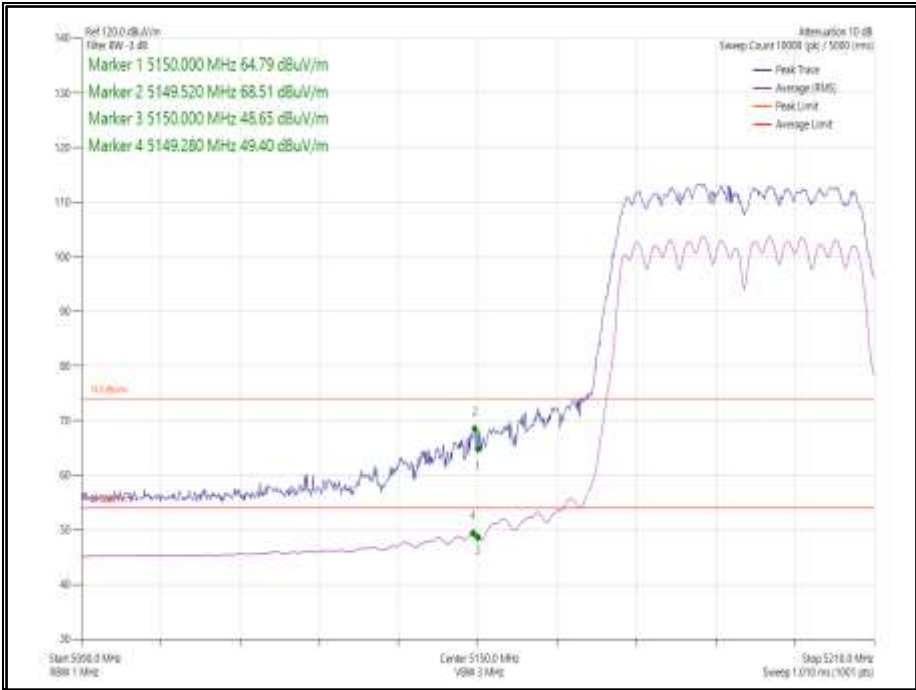


Figure 40 - 802.11n HT40 CDD Cores 0-1 - 5190 MHz
Band Edge Frequency 5150 MHz

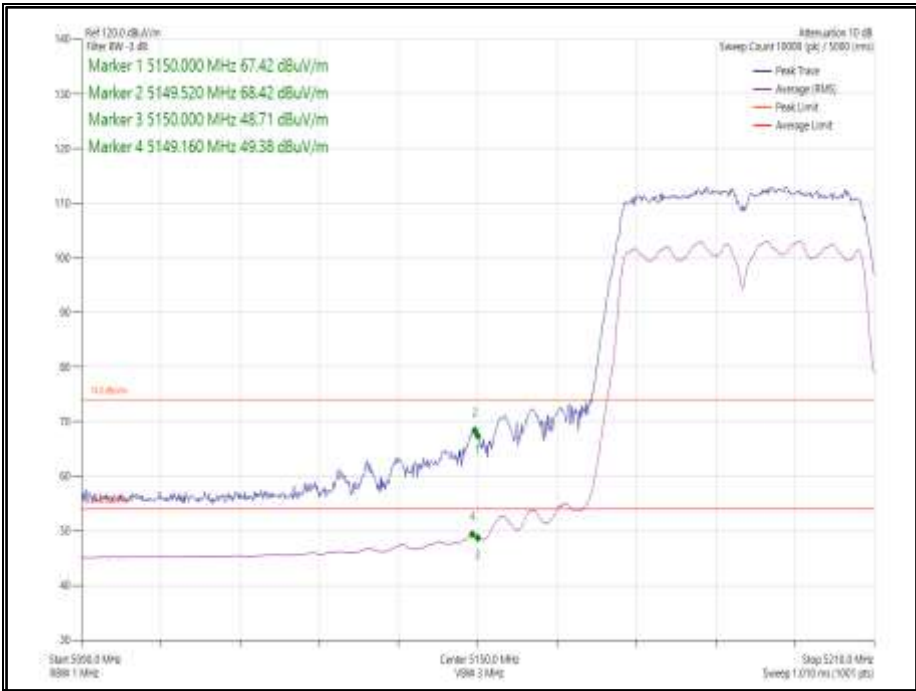


Figure 41 - 802.11n HT40 SDM Cores 0-1 - 5190 MHz
Band Edge Frequency 5150 MHz

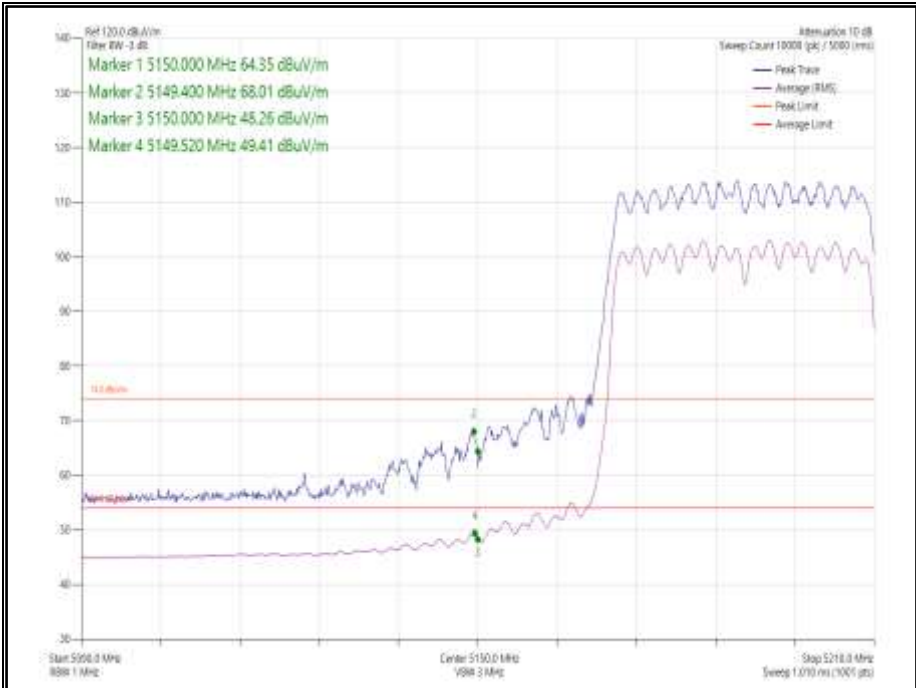


Figure 42 - 802.11ax HE40 CDD, Cores 0-1, SU - 5190 MHz
Band Edge Frequency 5150 MHz

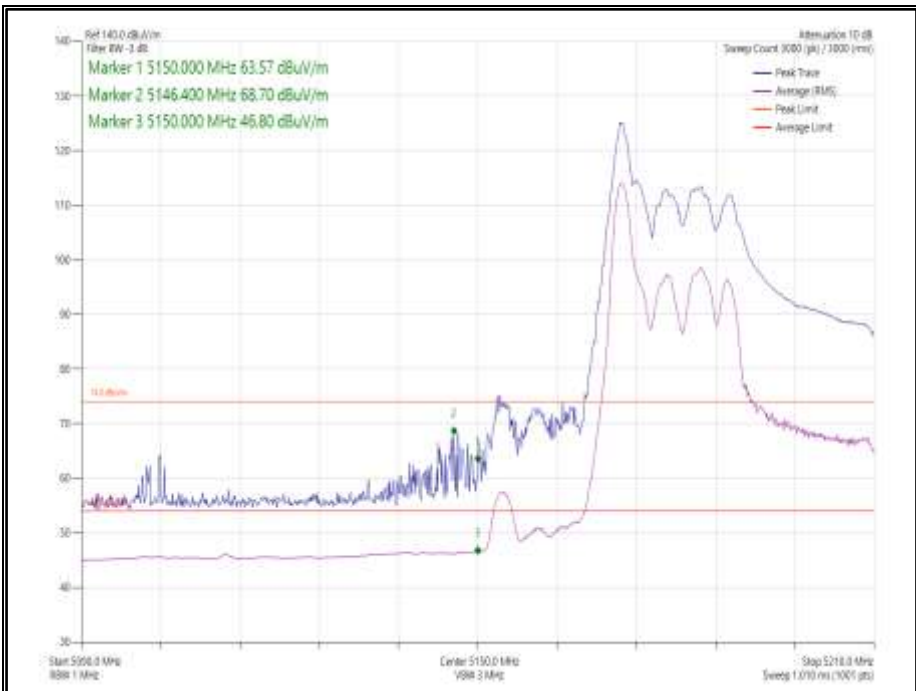
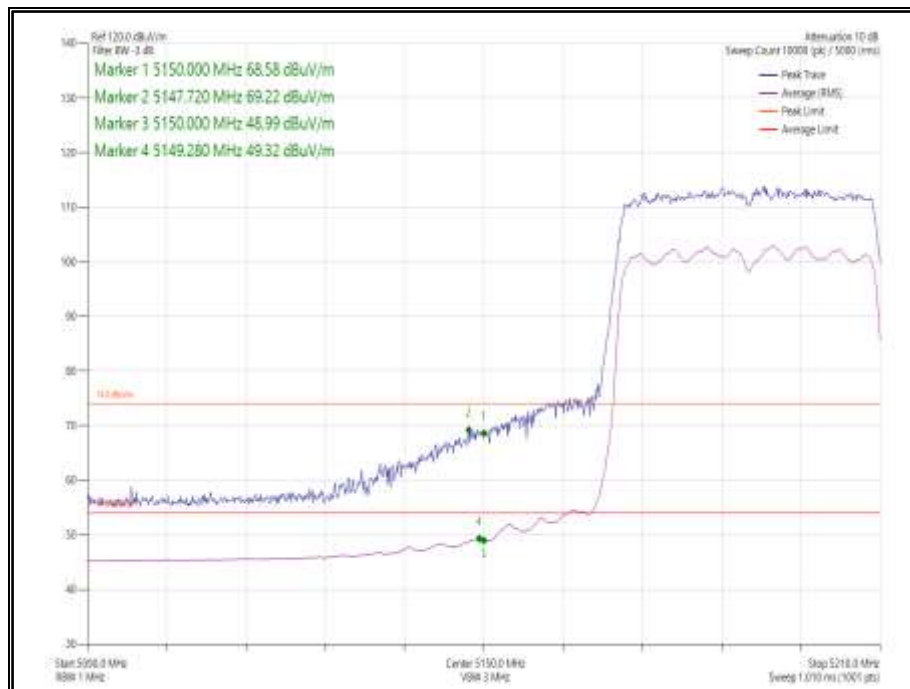
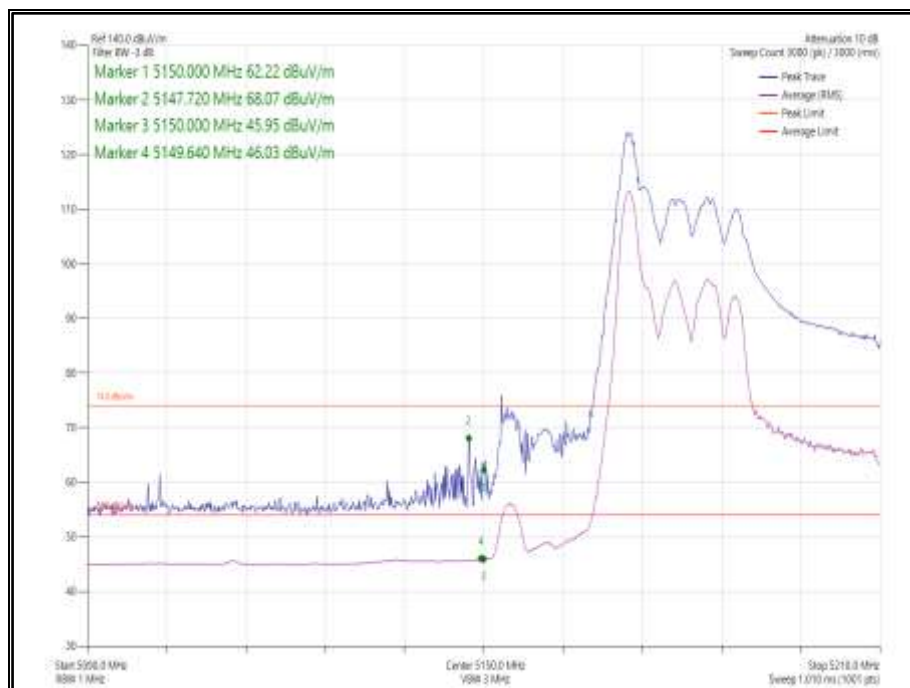


Figure 43 - 802.11ax HE40 CDD, Cores 0-1, 26-0 - 5190 MHz
Band Edge Frequency 5150 MHz



**Figure 44 802.11ax HE40 SDM, Cores 0-1, SU - 5190 MHz
Band Edge Frequency 5150 MHz**



**Figure 45 - 802.11ax HE40 SDM, Cores 0-1, 26-0 - 5190 MHz
Band Edge Frequency 5150 MHz**

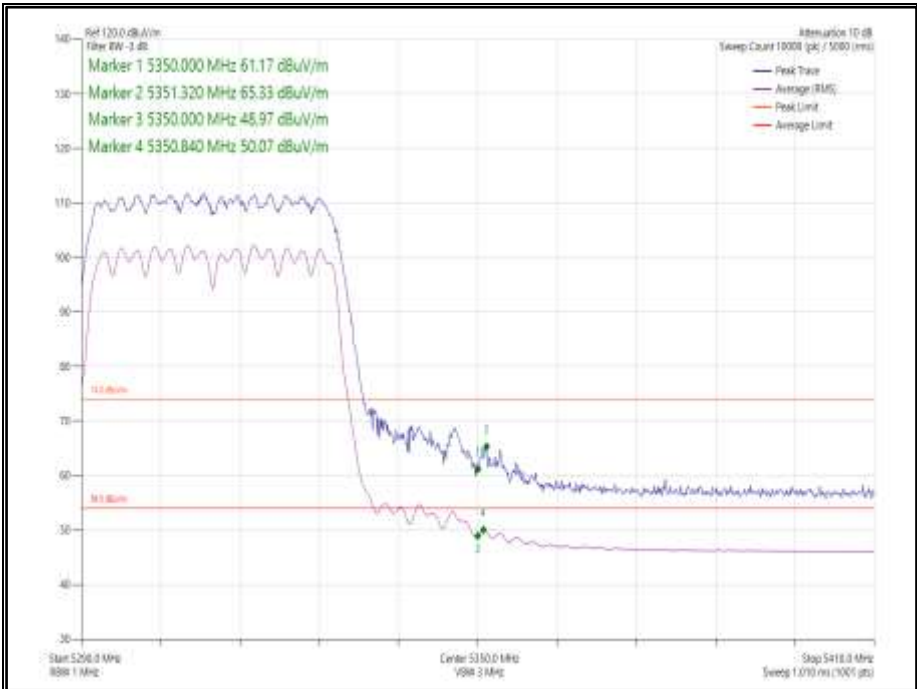


Figure 46 - 802.11n HT40 CDD, Cores 0-1 - 5310 MHz
Band Edge Frequency 5350 MHz

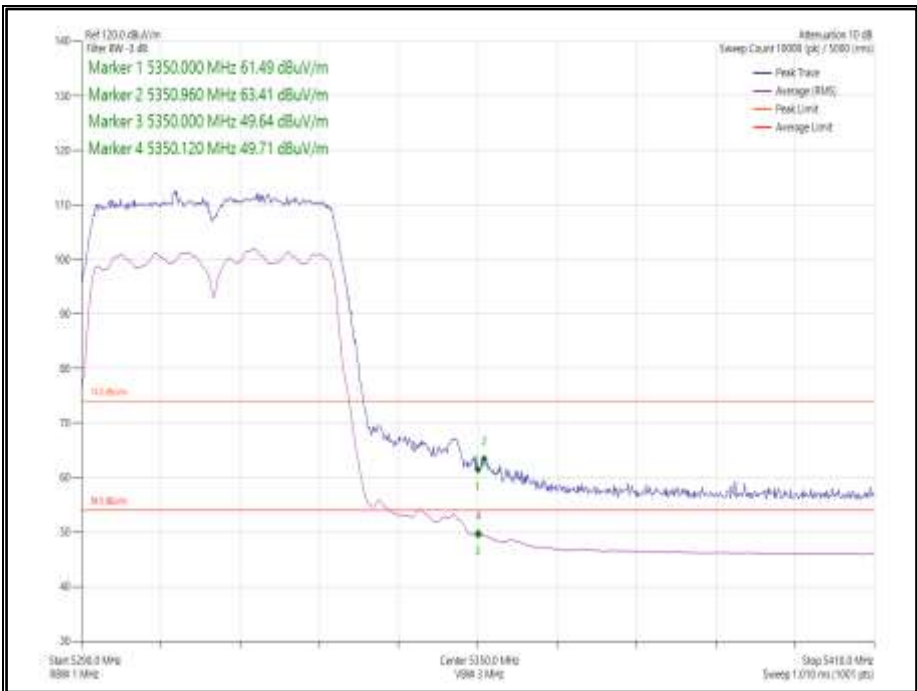
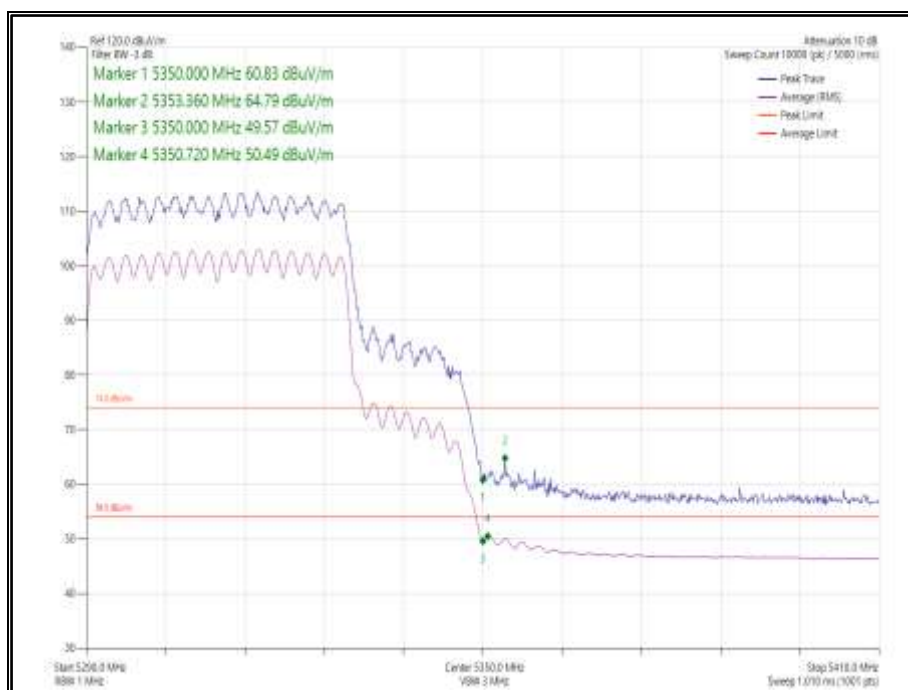
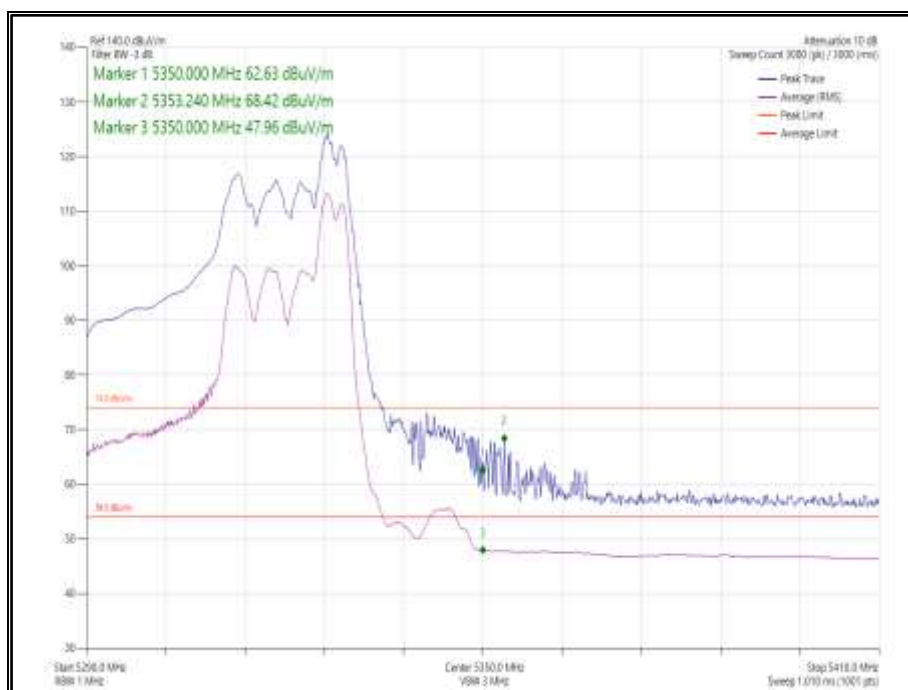


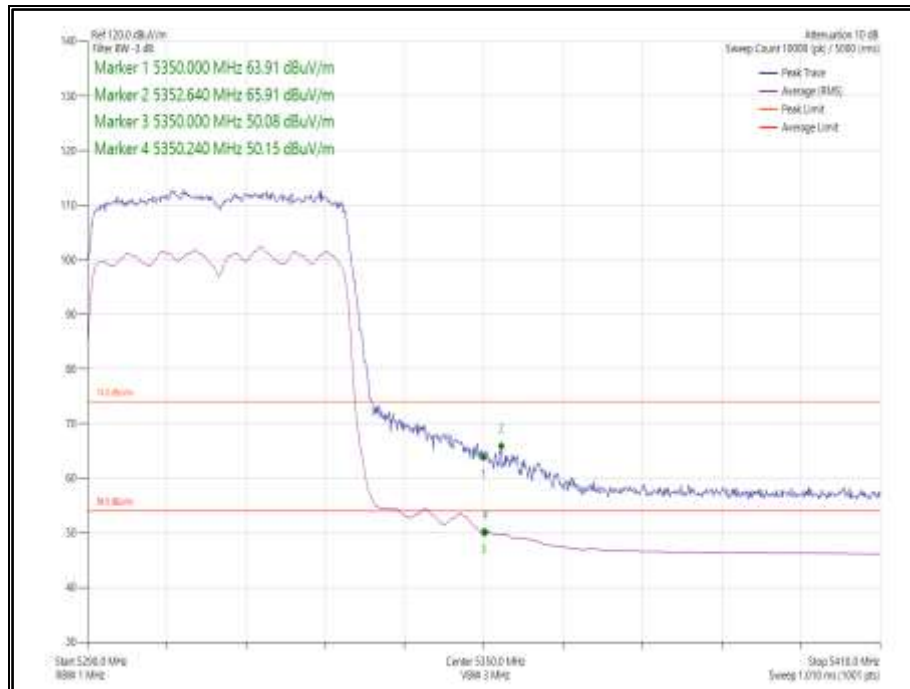
Figure 47 - 802.11n HT40 SDM, Cores 0-1 - 5310 MHz
Band Edge Frequency 5350 MHz



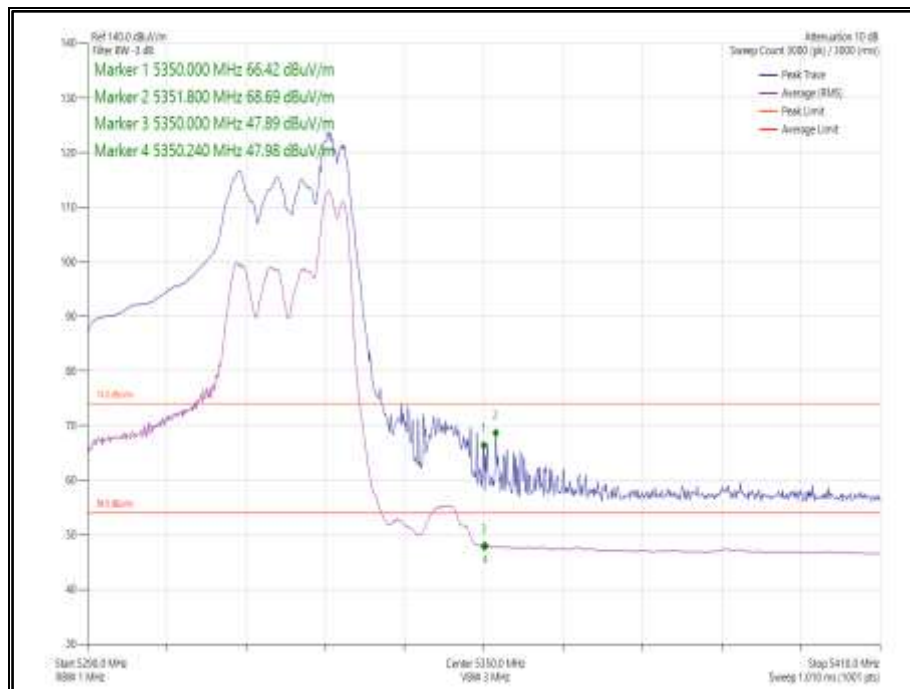
**Figure 48 - 802.11ax HE40 CDD, Cores 0-1, SU - 5310 MHz
Band Edge Frequency 5350 MHz**



**Figure 49 - 802.11ax HE40 CDD, Cores 0-1, 52-44 - 5310 MHz
Band Edge Frequency 5350 MHz**



**Figure 50 - 802.11ax HE40 SDM, Cores 0-1, SU - 5310 MHz
Band Edge Frequency 5350 MHz**



**Figure 51 - 802.11ax HE40 SDM, Cores 0-1, 52-44 5310 MHz
Band Edge Frequency 5350 MHz**

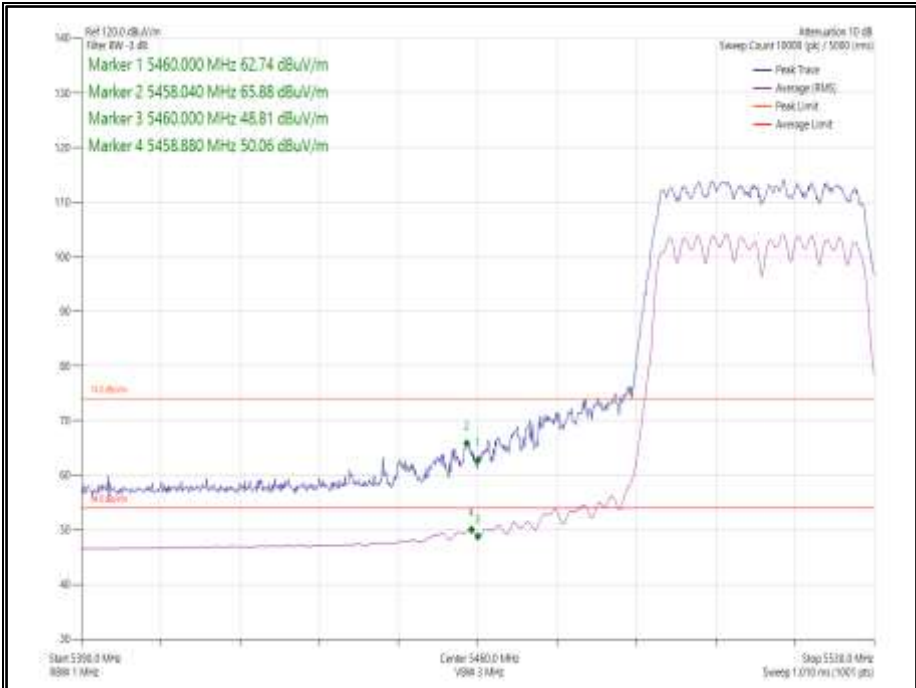


Figure 52 - 802.11n HT40 CDD, Cores 0-1 - 5510 MHz
Band Edge Frequency 5460 MHz

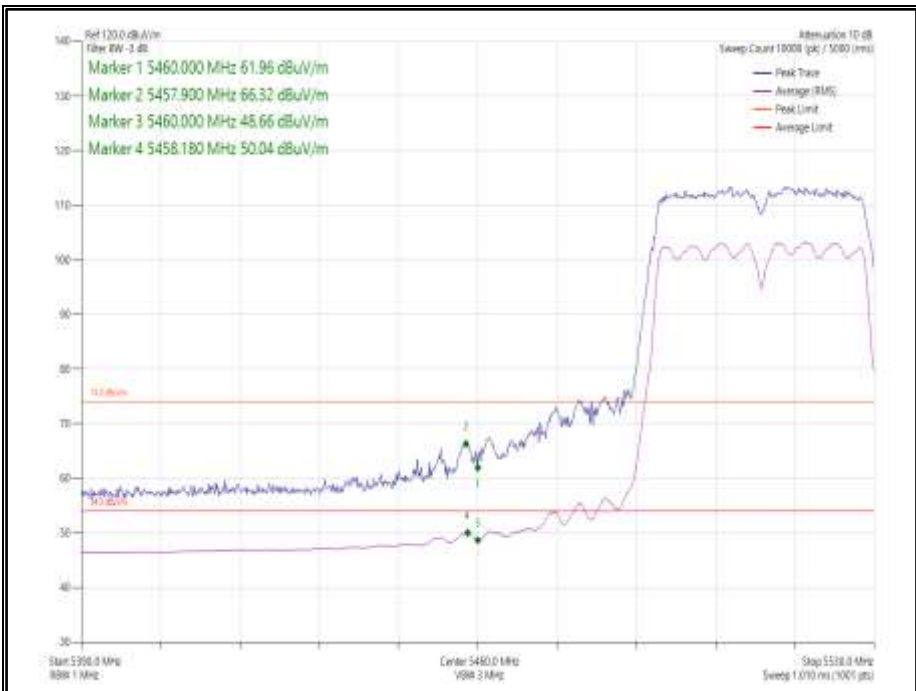
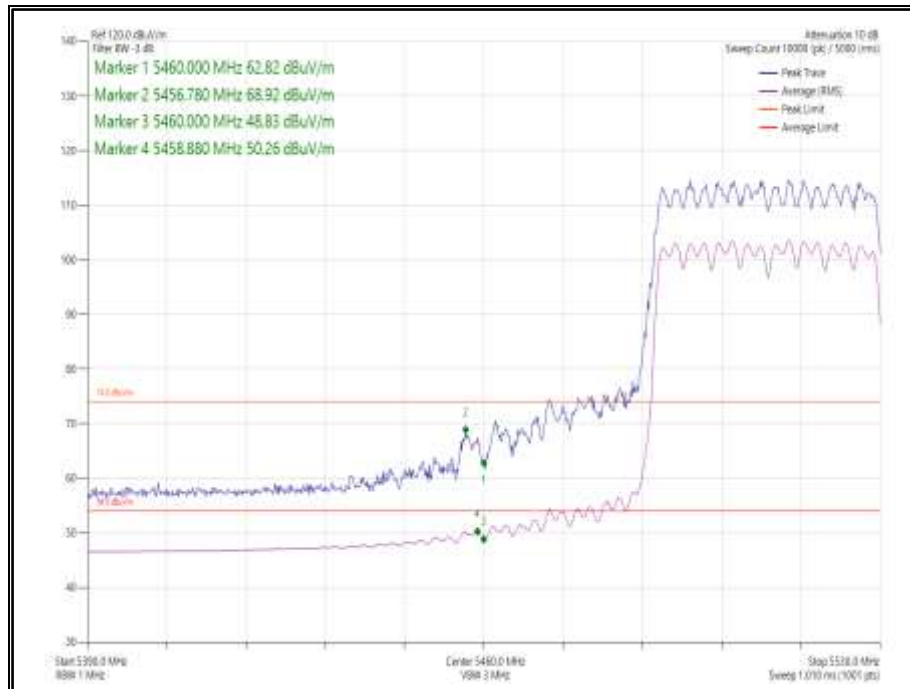
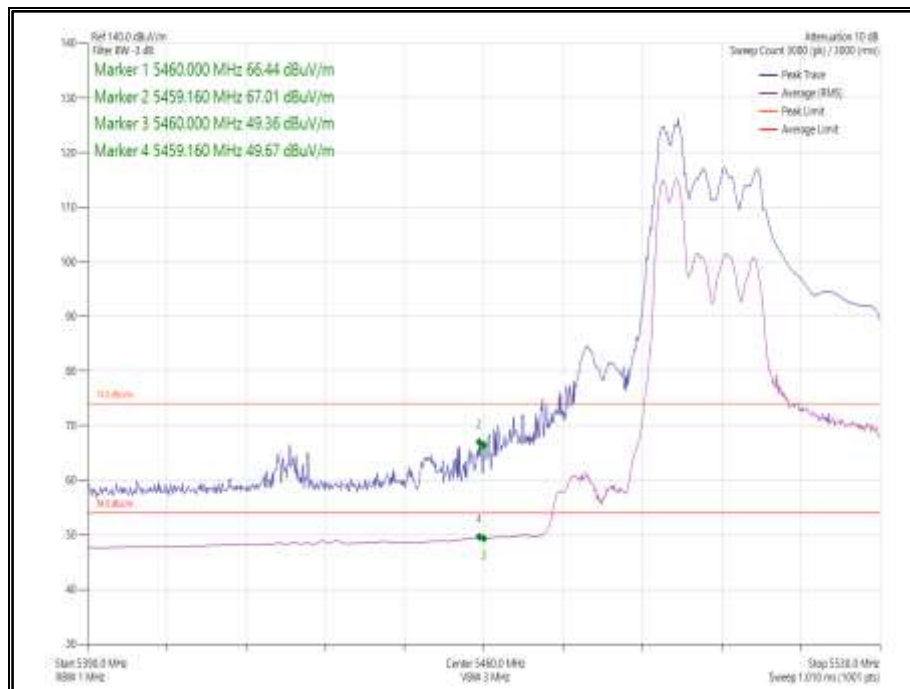


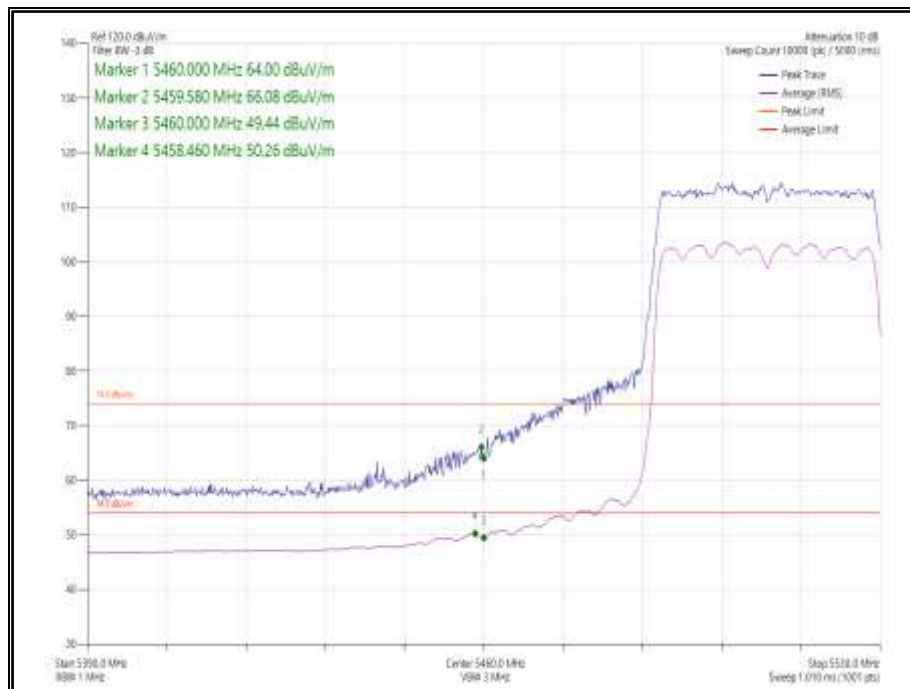
Figure 53 - 802.11n HT40 SDM, Cores 0-1 - 5510 MHz
Band Edge Frequency 5460 MHz



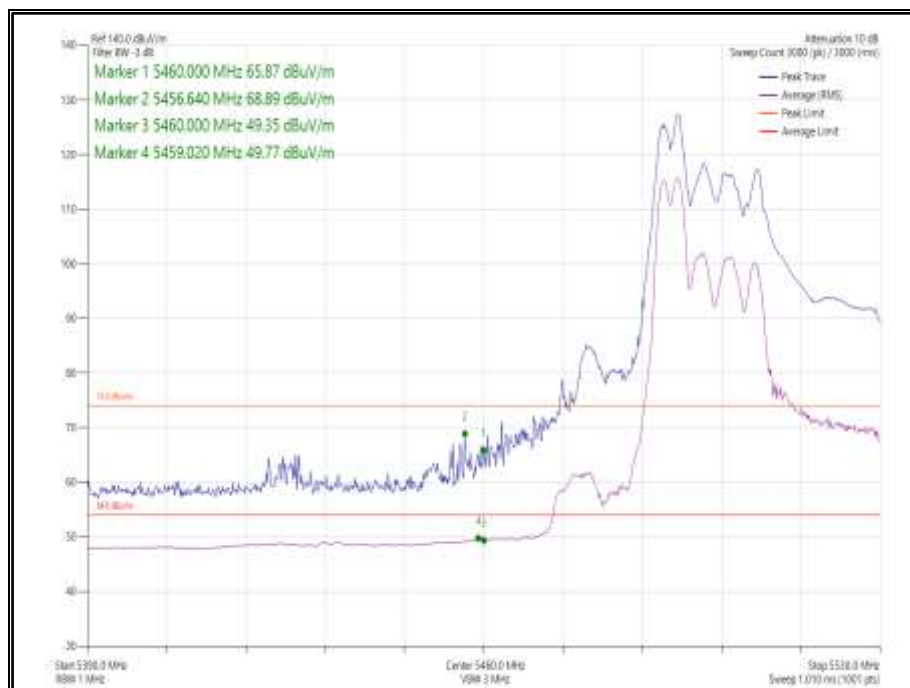
**Figure 54 - 802.11ax HE40 CDD, Cores 0-1, SU - 5510 MHz
Band Edge Frequency 5460 MHz**



**Figure 55 - 802.11ax HE40 CDD, Cores 0-1, 52-37 - 5510 MHz
Band Edge Frequency 5460 MHz**



**Figure 56 - 802.11ax HE40 SDM, Cores 0-1, SU - 5510 MHz
Band Edge Frequency 5460 MHz**

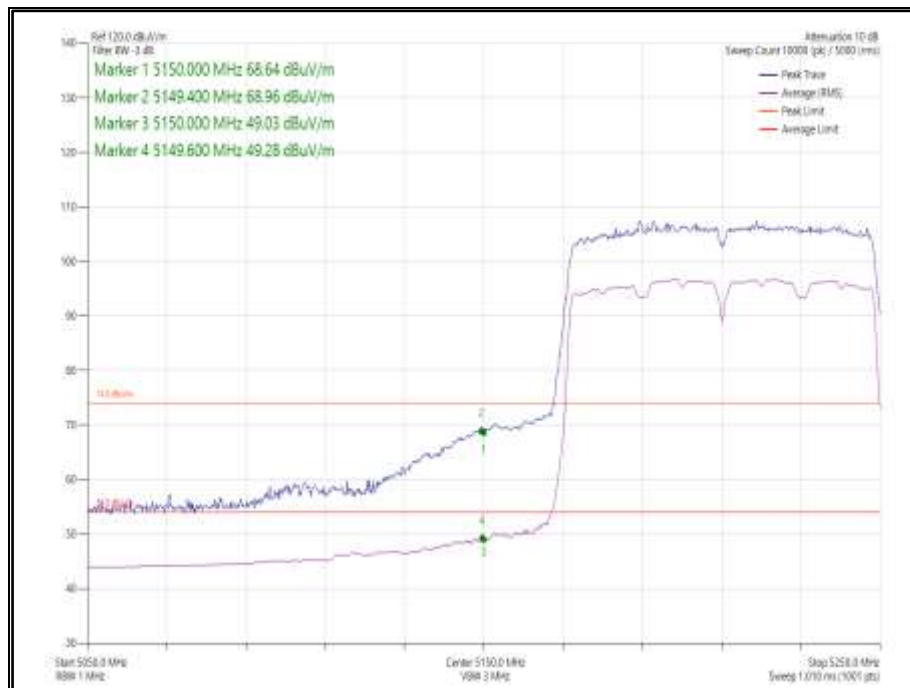


**Figure 57 - 802.11ax HE40 SDM, Cores 0-1, 52-37 - 5510 MHz
Band Edge Frequency 5460 MHz**



Mode	Data Rate/MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ac VHT80, Core 0	MCS7x1	-	-	5210	5150	68.96	49.28
802.11ac VHT80, Core 1	MCS7x1	-	-	5290	5350	63.60	49.76
802.11ac VHT80, Core 1	MCS7x1	-	-	5530	5460	66.44	49.94
802.11ax HE80, Core 0	MCS11x1	SU	-	5210	5150	68.06	49.03
802.11ax HE80, Core 0	MCS11x1	26	0	5210	5150	68.34	48.03
802.11ax HE80, Core 1	MCS11x1	SU	-	5290	5350	63.89	50.04
802.11ax HE80, Core 1	MCS11x1	52	52	5290	5350	66.11	50.15
802.11ax HE80, Core 1	MCS11x1	SU	-	5530	5460	66.56	50.28
802.11ax HE80, Core 1	MCS11x1	52	37	5530	5460	66.05	50.09

Table 10 - 80 MHz Bandwidth SISO Restricted Band Edge Results



**Figure 58 - 802.11ac VHT80, Core 0 - 5210 MHz
Band Edge Frequency 5150 MHz**

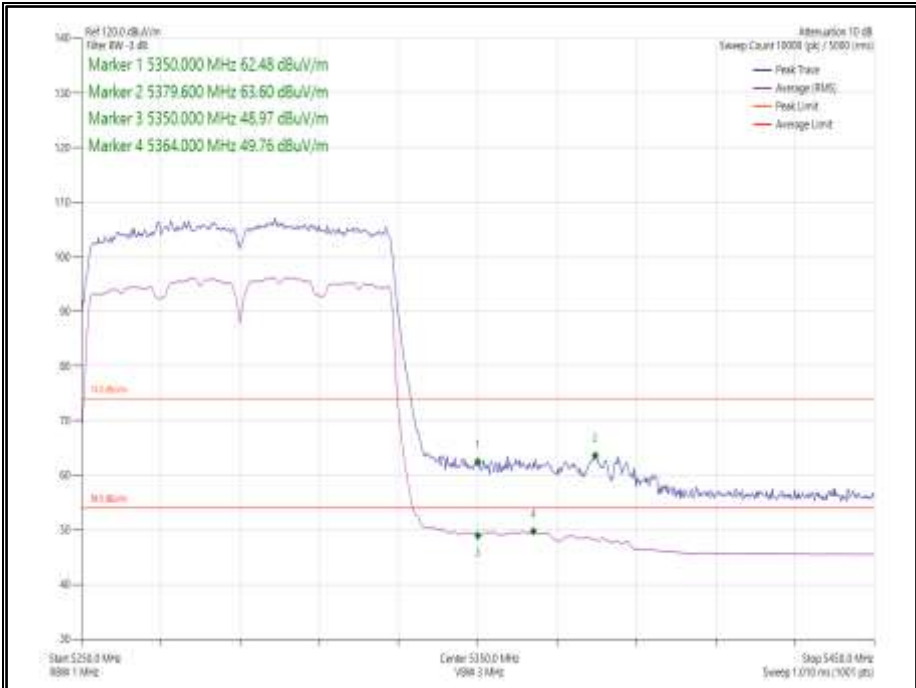


Figure 59 - 802.11ac VHT80, Core 1 - 5290 MHz
Band Edge Frequency 5350 MHz

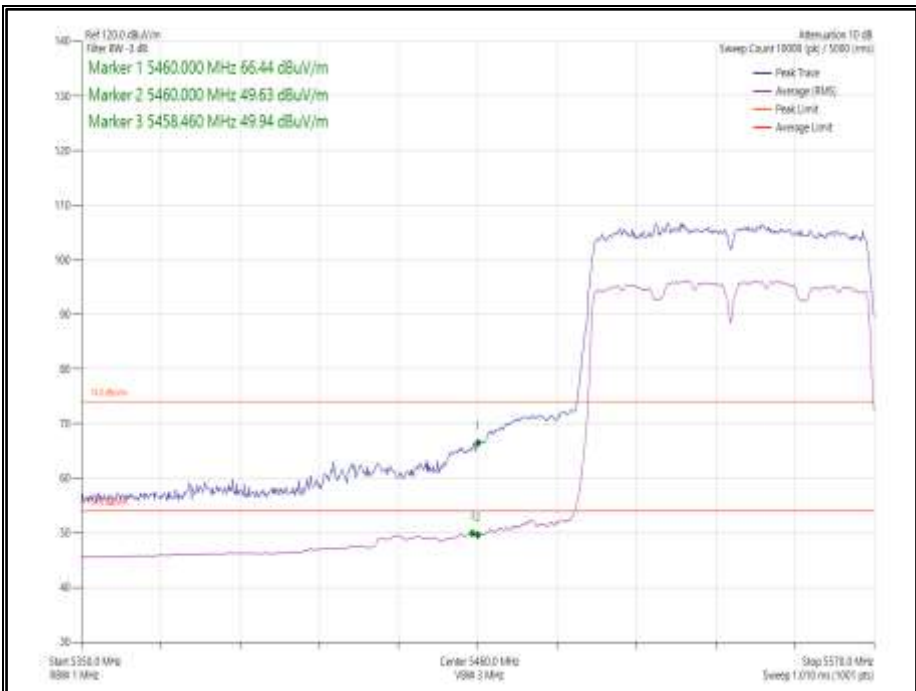
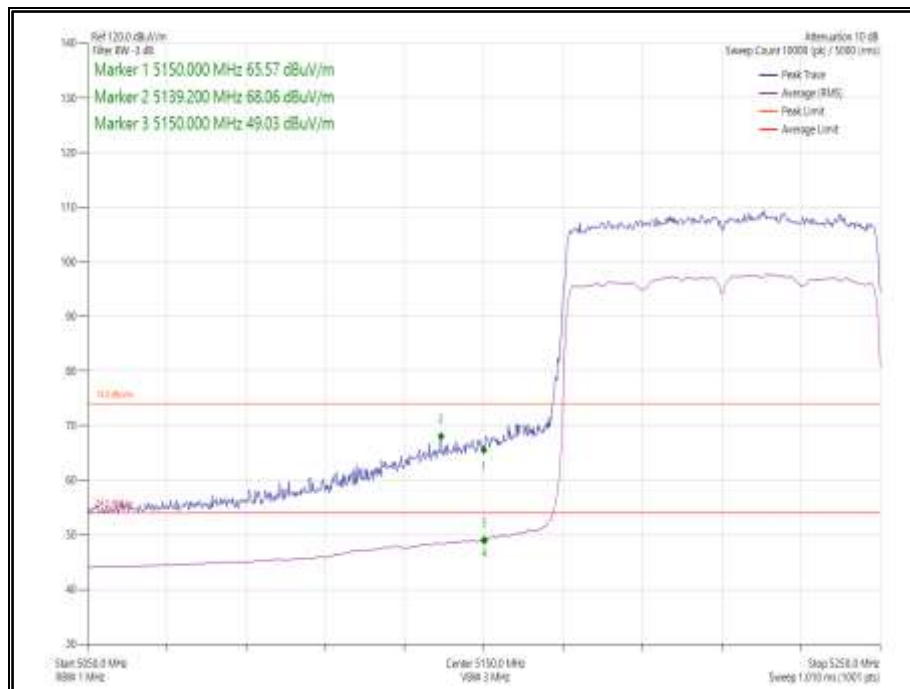
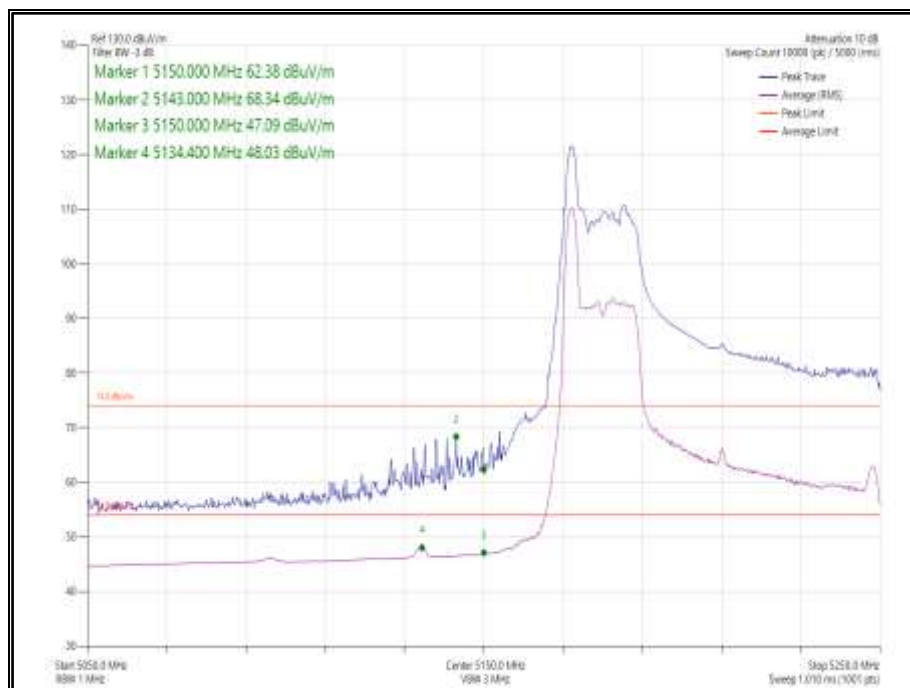


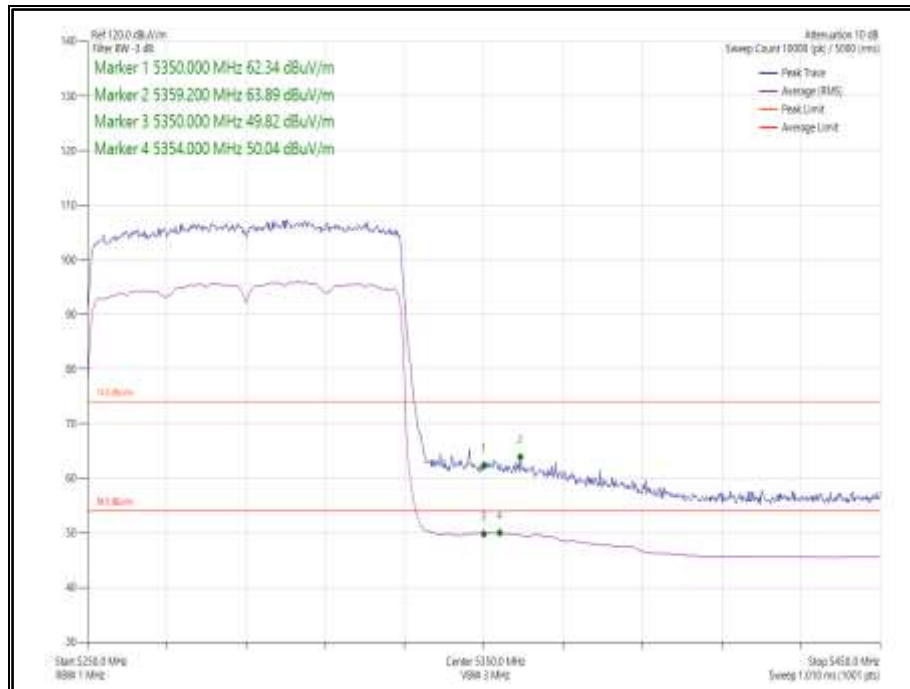
Figure 60 - 802.11ac VHT80, Core 1 - 5530 MHz
Band Edge Frequency 5460 MHz



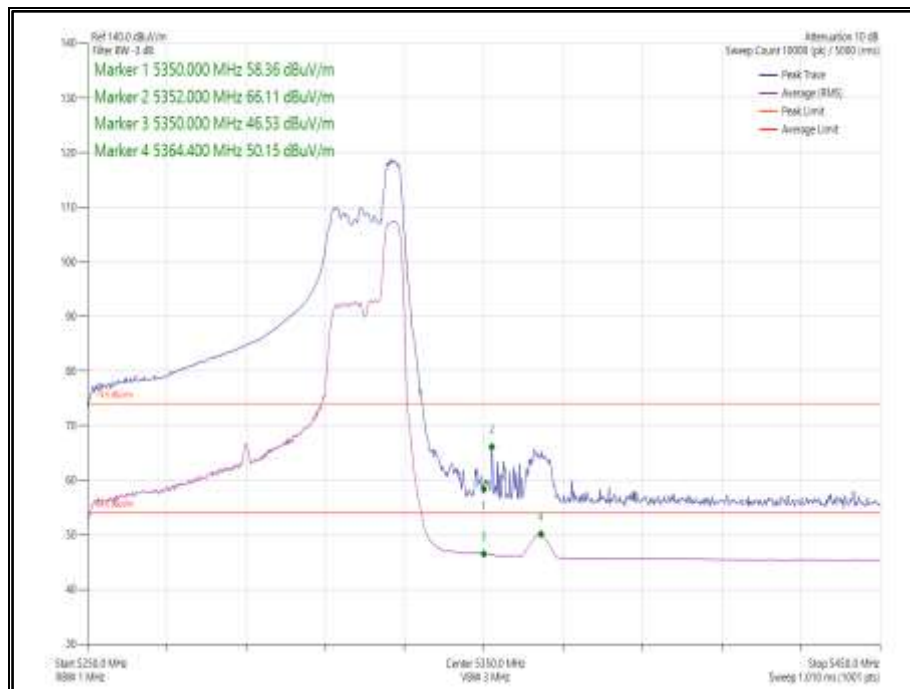
**Figure 61 - 802.11ax HE80, Core 0, SU - 5210 MHz
Band Edge Frequency 5150 MHz**



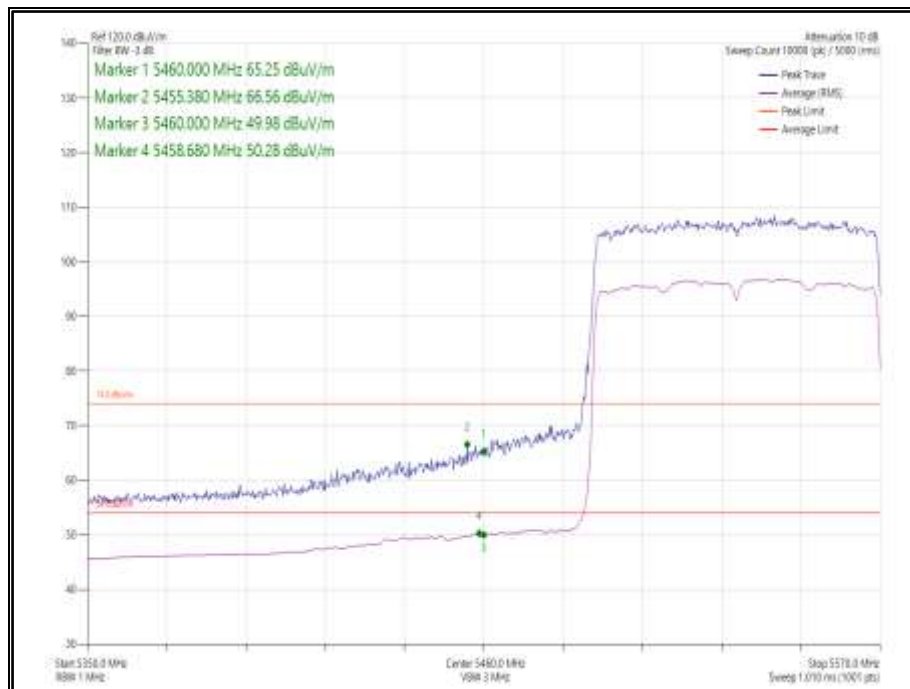
**Figure 62 - 802.11ax HE80, Core 0, 26-0 - 5210 MHz
Band Edge Frequency 5150 MHz**



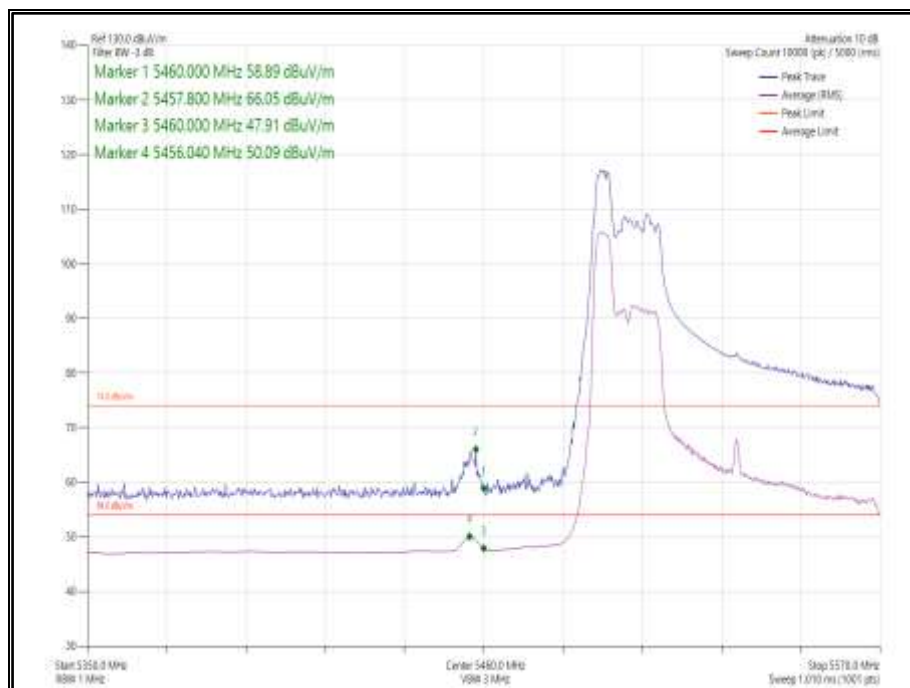
**Figure 63 - 802.11ax HE80, Core 1, SU - 5290 MHz
Band Edge Frequency 5350 MHz**



**Figure 64 - 802.11ax HE80, Core 1, 52-52 - 5290 MHz
Band Edge Frequency 5350 MHz**



**Figure 65 - 802.11ax HE80, Core 1, SU - 5530 MHz
Band Edge Frequency 5490 MHz**



**Figure 66 - 802.11ax HE80, Core 1, 52-37 - 5530 MHz
Band Edge Frequency 5350 MHz**



Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ac VHT80 CDD, Cores 0-1	MCS7x1	-	-	5210	5150	68.12	49.98
802.11ac VHT80 SDM, Cores 0-1	MCS7x2	-	-	5210	5150	66.63	49.59
802.11ax HE80 CDD, Cores 0-1	MCS11x1	SU	-	5210	5150	65.56	49.93
802.11ax HE80 CDD, Cores 0-1	MCS11x1	26	0	5210	5150	65.82	49.81
802.11ax HE80 SDM, Cores 0-1	MCS11x2	SU	-	5210	5150	68.39	50.09
802.11ax HE80 SDM, Cores 0-1	MCS11x2	26	0	5210	5150	66.93	50.02
802.11ac VHT80 CDD, Cores 0-1	MCS7x1	-	-	5290	5350	63.48	50.07
802.11ac VHT80 SDM, Cores 0-1	MCS7x2	-	-	5290	5350	63.28	49.81
802.11ax HE80 CDD, Cores 0-1	MCSx111	SU	-	5290	5350	63.38	50.15
802.11ax HE80 CDD, Cores 0-1	MCS11x1	52	52	5290	5350	66.71	50.44
802.11ax HE80 SDM, Cores 0-1	MCS4x2	SU	-	5290	5350	64.03	50.40
802.11ax HE80 SDM, Cores 0-1	MCS11x2	52	52	5290	5350	66.40	50.27
802.11ac VHT80 CDD, Cores 0-1	MCS7x1	-	-	5530	5460	64.96	50.04
802.11ac VHT80 SDM, Cores 0-1	MCS2x2	-	-	5530	5460	62.22	50.07
802.11ax HE80 CDD, Cores 0-1	MCS11x1	SU	-	5530	5460	62.64	50.28
802.11ax HE80 CDD, Cores 0-1	MCS11x1	52	37	5530	5460	63.98	50.17
802.11ax HE80 SDM, Cores 0-1	MCS11x2	SU	-	5530	5460	63.16	50.18
802.11ax HE80 SDM, Cores 0-1	MCS11x2	52	37	5530	5460	64.50	50.42

Table 11 - 80 MHz Bandwidth 2TX MIMO Restricted Band Edge Results

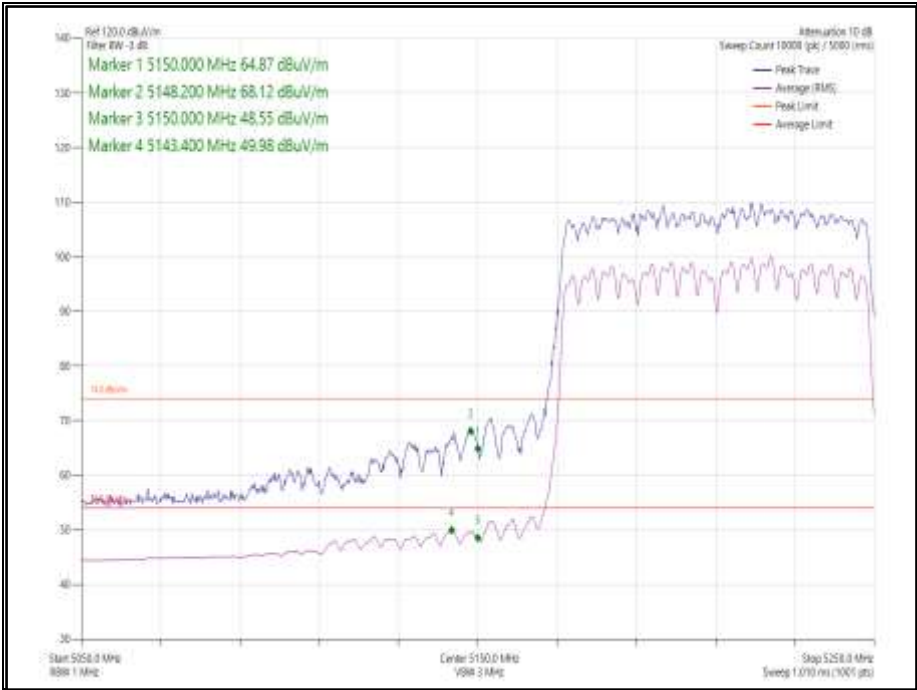


Figure 67 - 802.11ac VHT80 CDD, Cores 0-1- 5210 MHz
Band Edge Frequency 5150 MHz

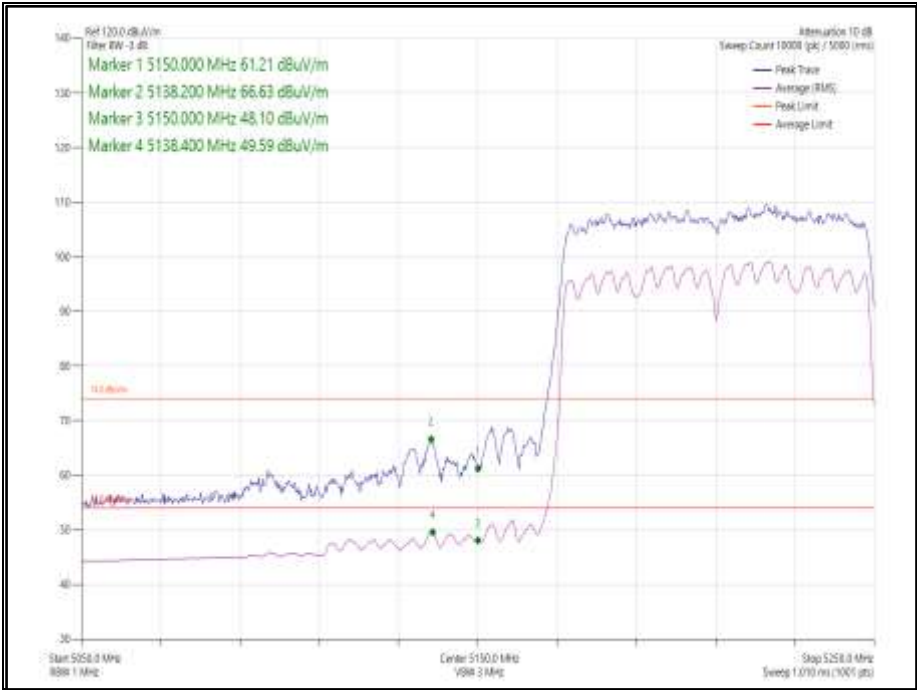
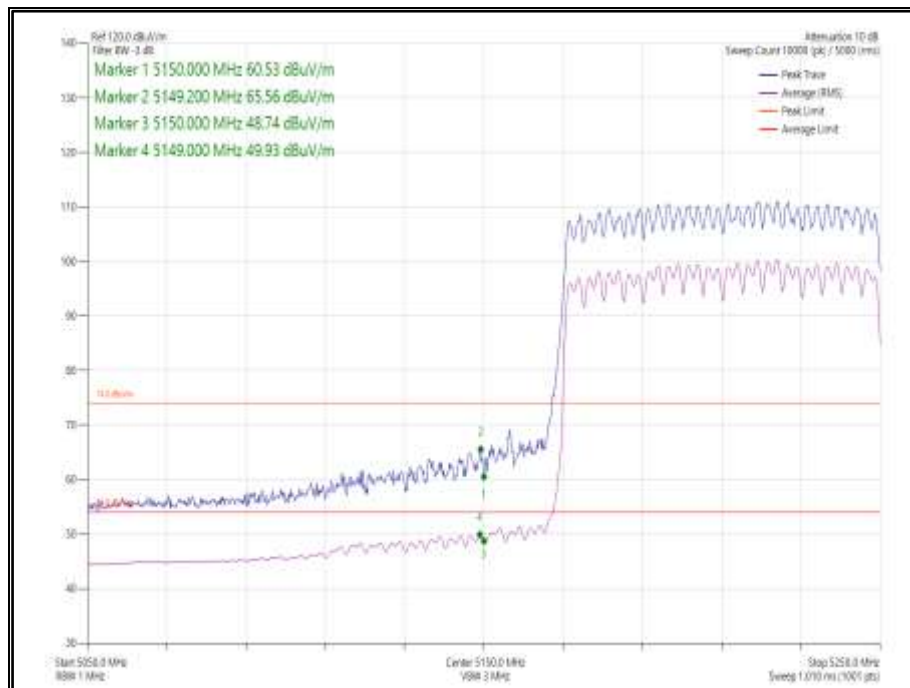
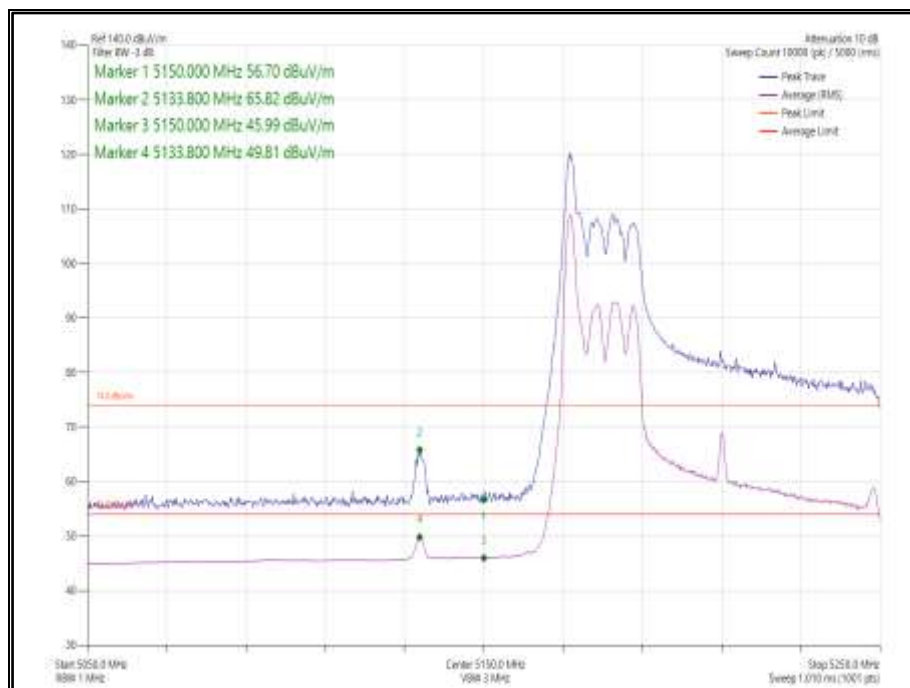


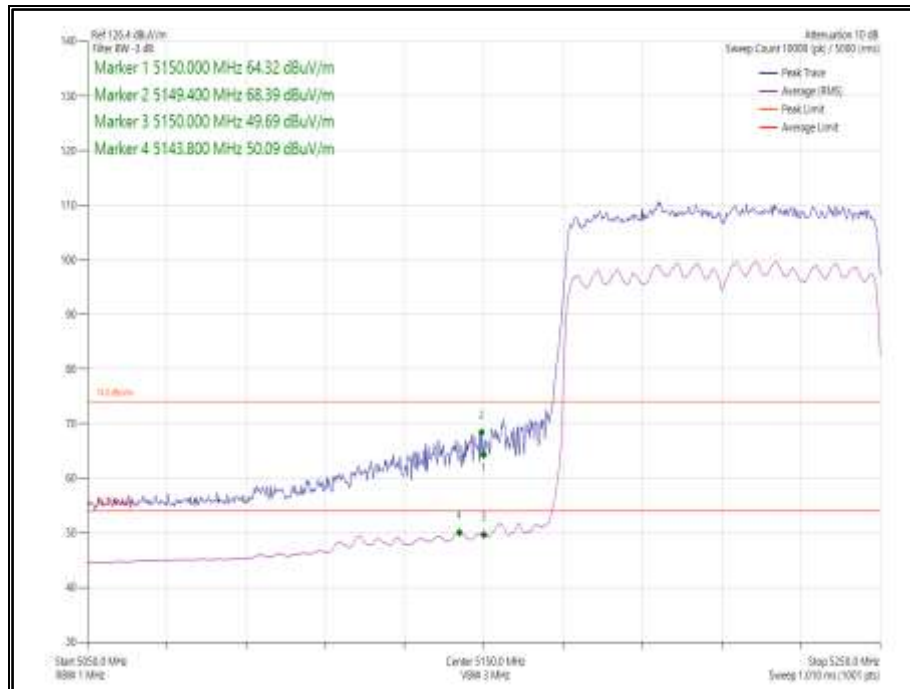
Figure 68 - 802.11ac VHT80 SDM, Cores 0-1- 5210 MHz
Band Edge Frequency 5150 MHz



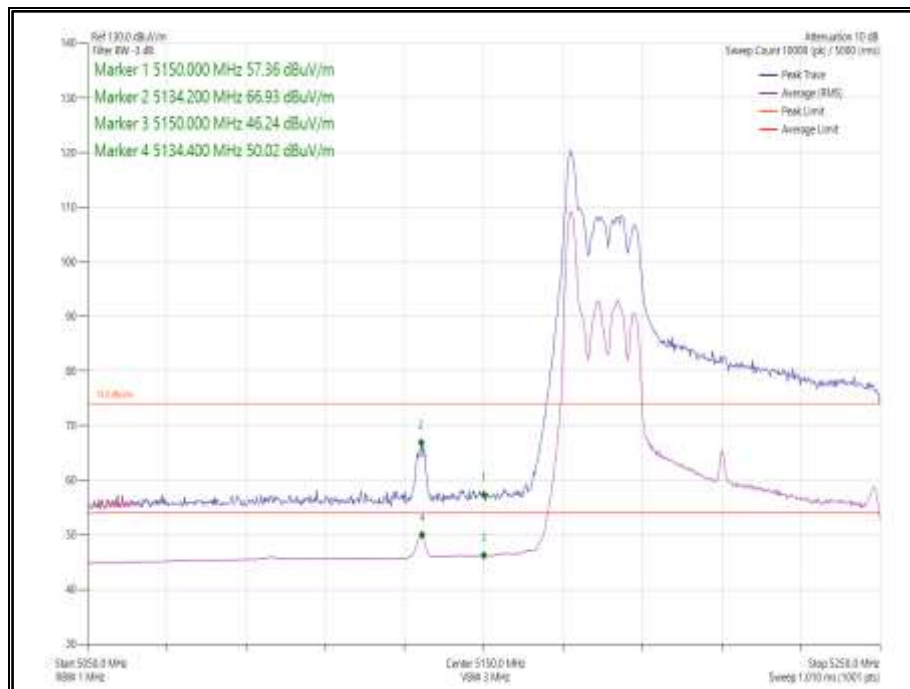
**Figure 69 - 802.11ax HE80 CDD, Cores 0-1, SU - 5210 MHz
Band Edge Frequency 5150 MHz**



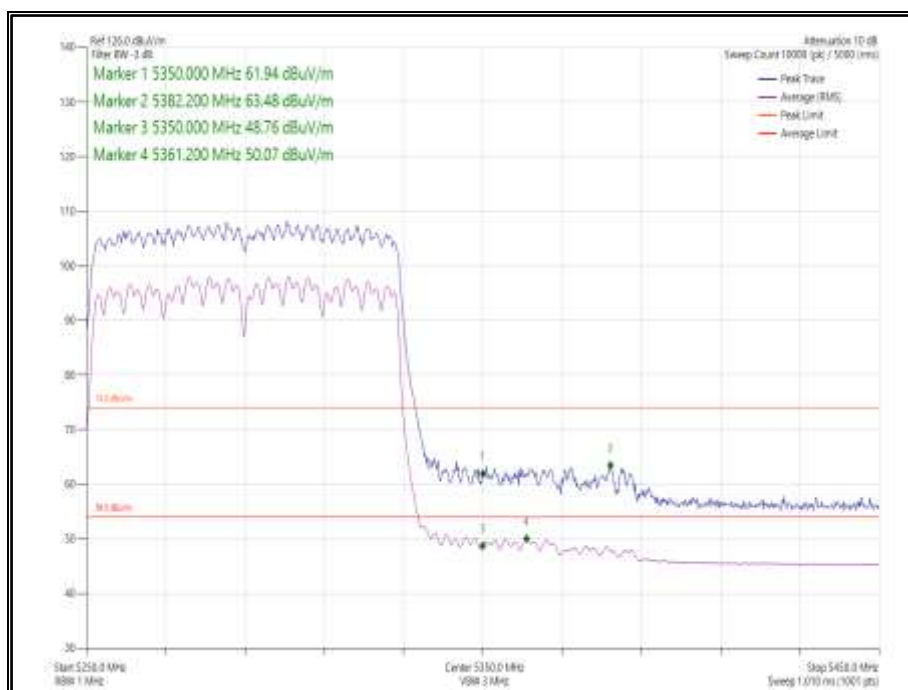
**Figure 70 - 802.11ax HE80 CDD, Cores 0-1, 26-0 - 5210 MHz
Band Edge Frequency 5150 MHz**



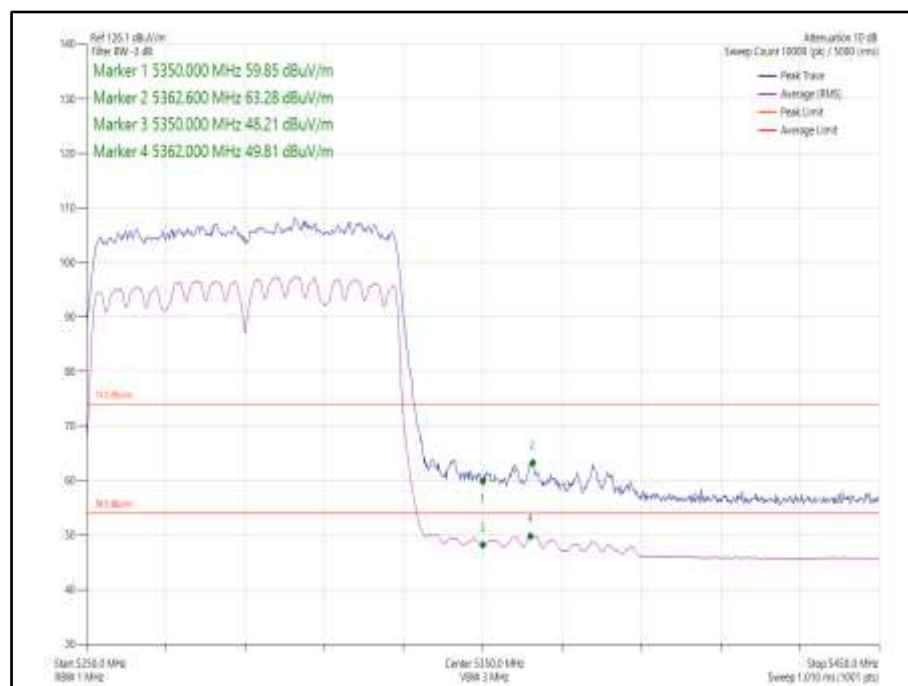
**Figure 71 - 802.11ax HE80 SDM, Cores 0-1, SU - 5210 MHz
Band Edge Frequency 5150 MHz**



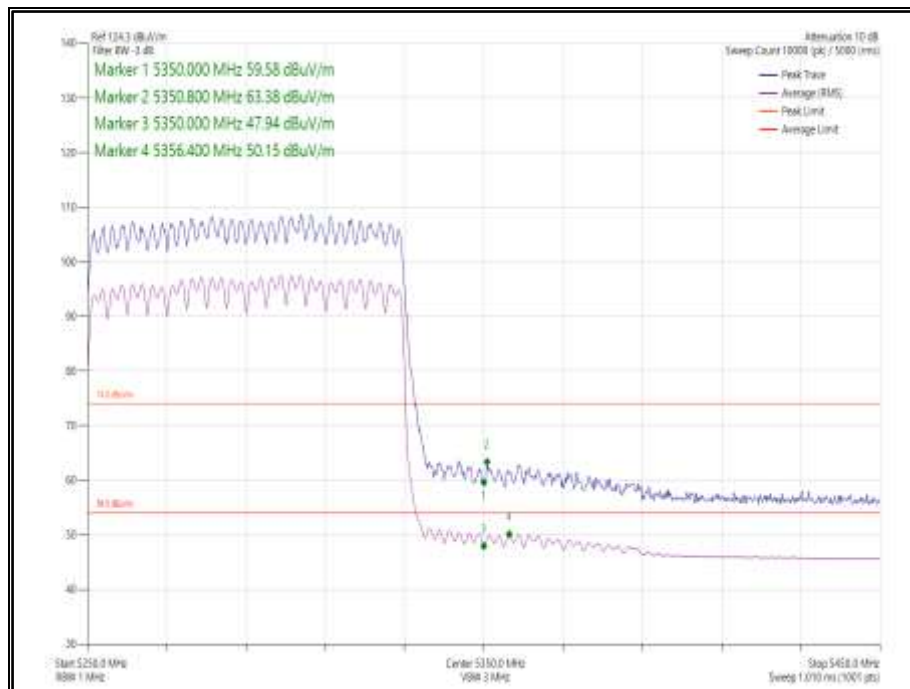
**Figure 72 - 802.11ax HE80 SDM, Cores 0-1, 26-0 - 5210 MHz
Band Edge Frequency 5150 MHz**



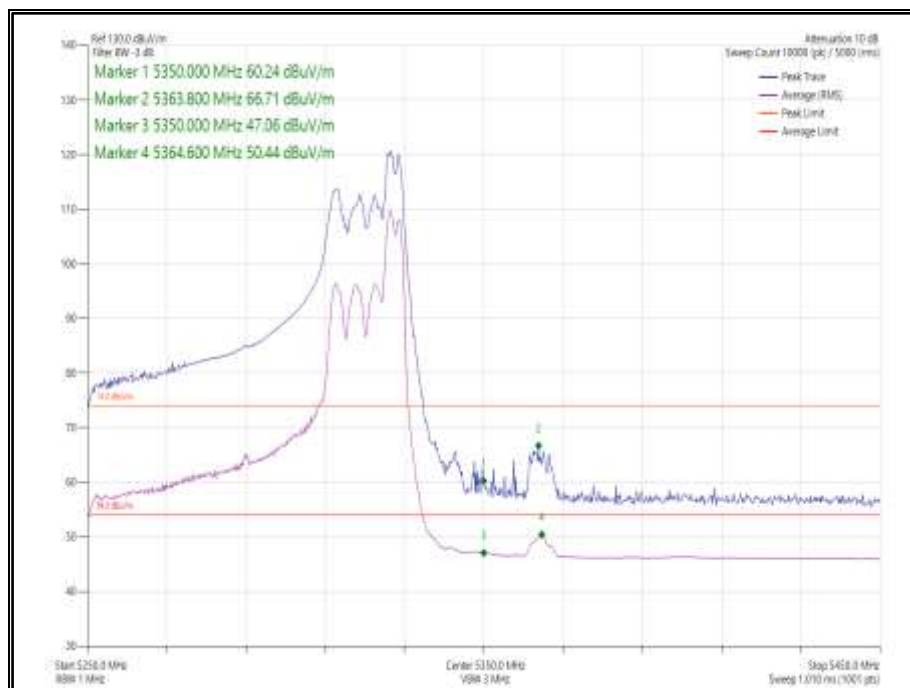
**Figure 73 - 802.11ac VHT80 CDD, Cores 0-1- 5290 MHz
Band Edge Frequency 5350 MHz**



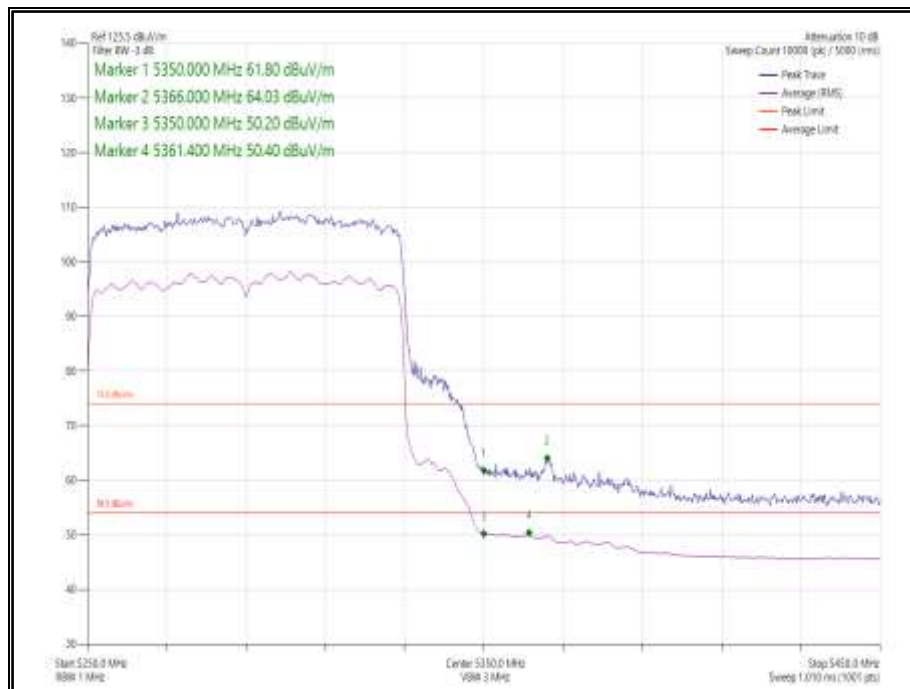
**Figure 74 - 802.11ac VHT80 SDM, Cores 0-1- 5290 MHz
Band Edge Frequency 5350 MHz**



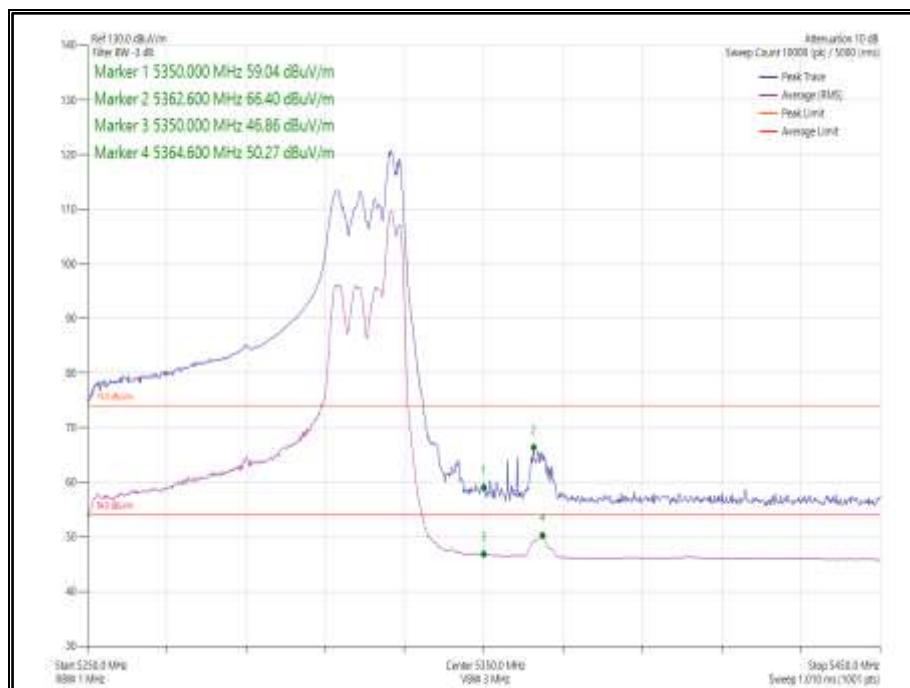
**Figure 75 - 802.11ax HE80 CDD, Cores 0-1, SU - 5290 MHz
Band Edge Frequency 5350 MHz**



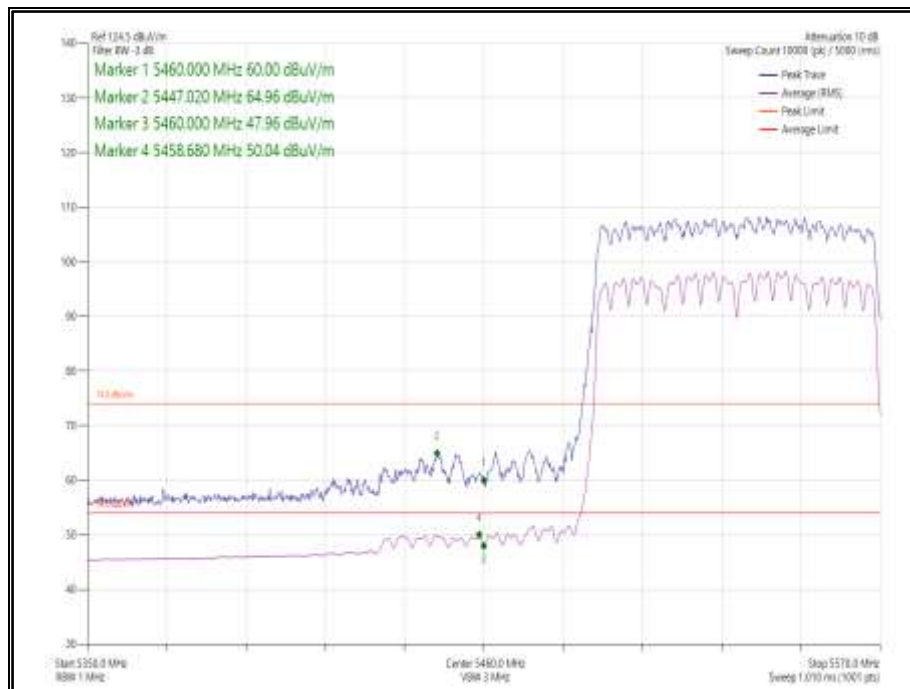
**Figure 76 - 802.11ax HE80 CDD, Cores 0-1, 52-52- 5290 MHz
Band Edge Frequency 5350 MHz**



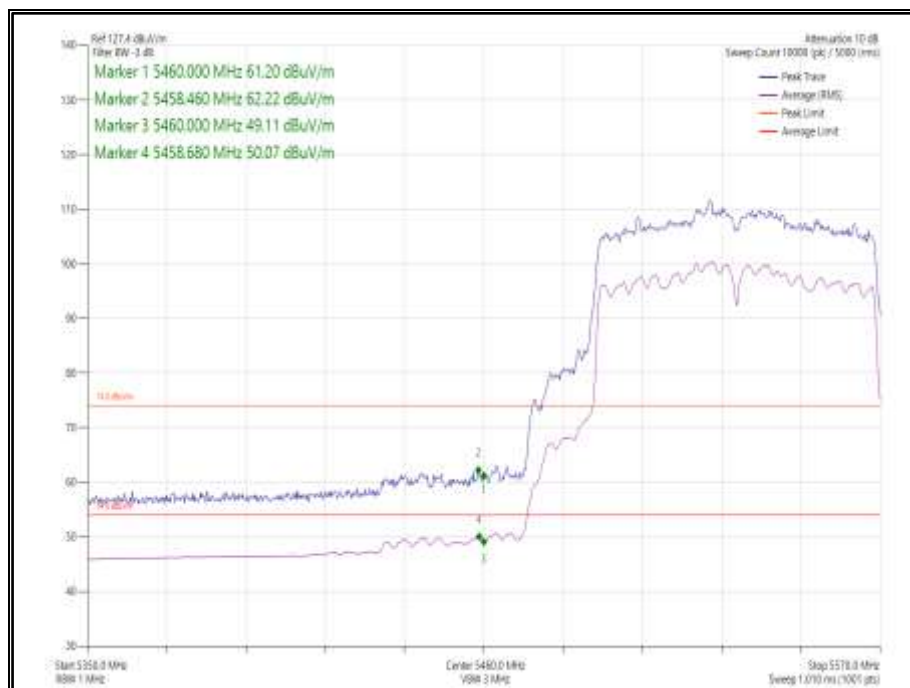
**Figure 77 - 802.11ax HE80 SDM, Cores 0-1, SU - 5290 MHz
Band Edge Frequency 5350 MHz**



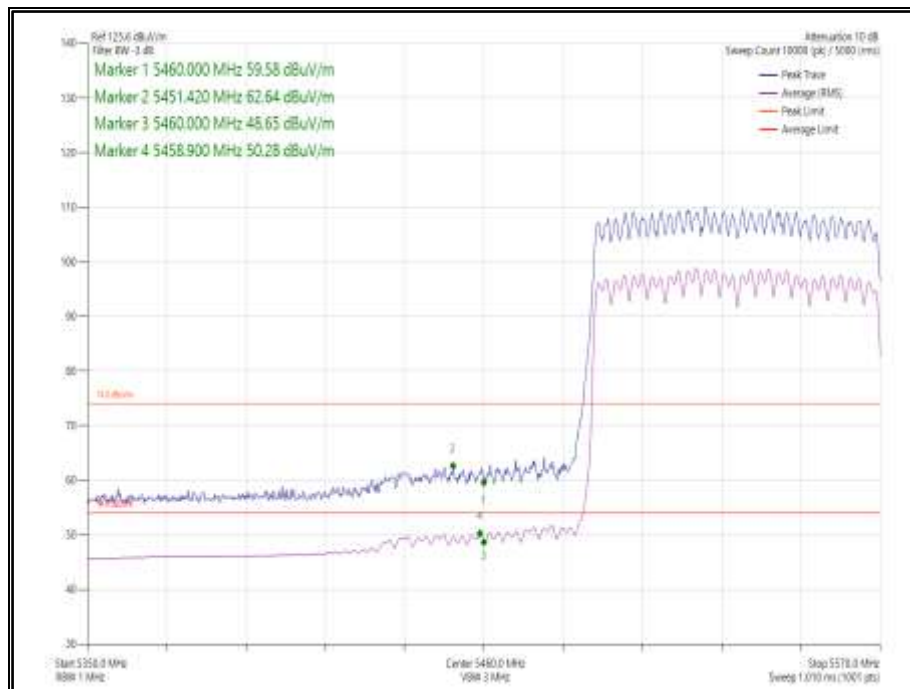
**Figure 78 - 802.11ax HE80 SDM, Cores 0-1, 52-52- 5290 MHz
Band Edge Frequency 5350 MHz**



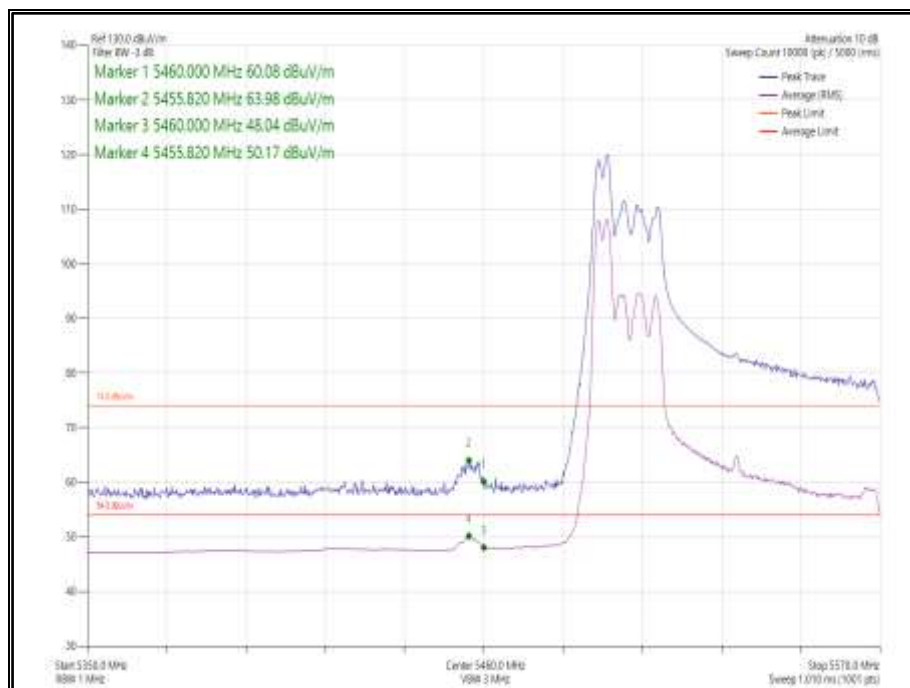
**Figure 79 - 802.11ac VHT80 CDD, Cores 0-1- 5530 MHz
Band Edge Frequency 5460 MHz**



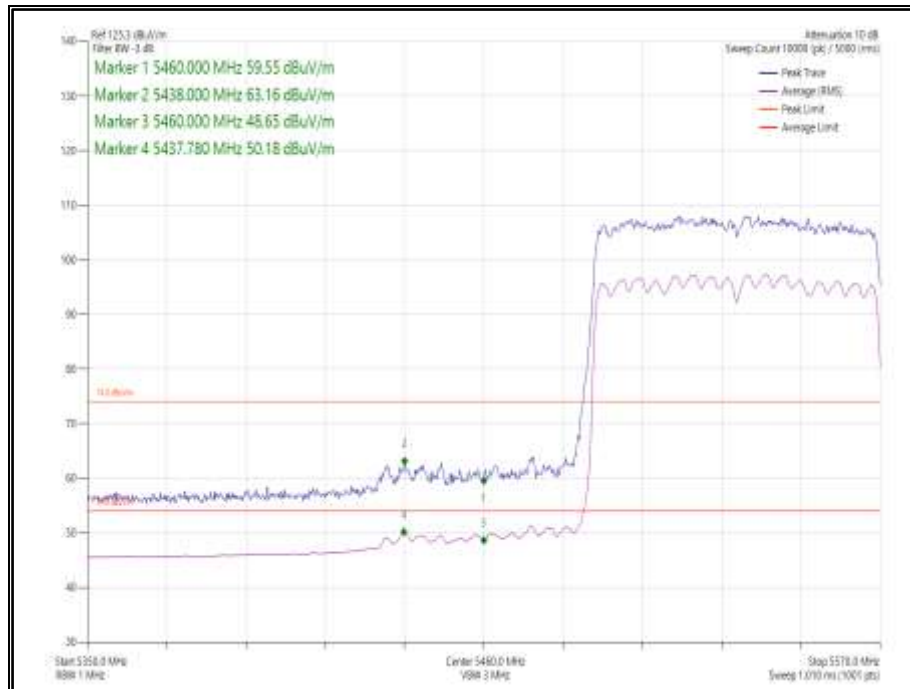
**Figure 80 - 802.11ac VHT80 SDM, Cores 0-1- 5530 MHz
Band Edge Frequency 5460 MHz**



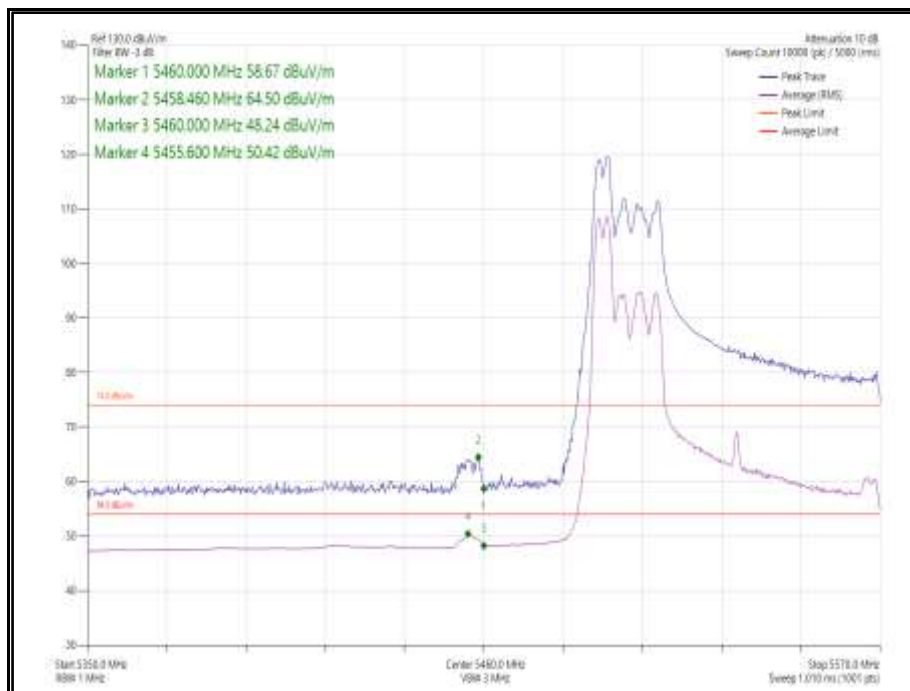
**Figure 81 - 802.11ax HE80 CDD, Cores 0-1, SU - 5530 MHz
Band Edge Frequency 5460 MHz**



**Figure 82 - 802.11ax HE80 CDD, Cores 0-1, 52-37 - 5530 MHz
Band Edge Frequency 5460 MHz**



**Figure 83 - 802.11ax HE80 SDM, Cores 0-1, SU - 5530 MHz
Band Edge Frequency 5460 MHz**



**Figure 84 - 802.11ax HE80 SDM, Cores 0-1, 52-37 - 5530 MHz
Band Edge Frequency 5460 MHz**



FCC 47 CFR Part 15, Limit Clause 15.205 and ISED RSS-GEN Limit Clause 8.10

	Peak (dBμV/m)	Average (dBμV/m)
Restricted Bands of Operation	74	54

Table 12 - Restricted Band Edge Limit Table

2.1.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 11.

Instrument	Manufacturer	Type No	TE No	Calibration Period (months)	Calibration Expires
Double Ridge Broadband Horn Antenna	Schwarzbeck	BBHA 9120 B	4848	12	01-Apr-2022
EMI Test Receiver	Rohde & Schwarz	ESW44	5084	12	08-Mar-2022
EmX Emissions Software	TUV SUD	V2.1.11	5125	-	Software
Mast	Maturo	TAM 4.0-P	5158	-	TU
Mast and Turntable Controller	Maturo	Maturo NCD	5159	-	TU
Turntable	Maturo	TT 15WF	5160	-	TU
Preamplifier (30dB 1GHz to 18GHz)	Schwarzbeck	BBV 9718 C	5261	12	08-Apr-2022
Attenuator 5W 10dB DC-18GHz	Aaren	AT40A-4041-D18-10	5495	12	14-Apr-2022
1m SMA Cable	Junkosha	MWX221-01000AMSAMS/A	5513	12	09-Apr-2022
2m SMA Cable	Junkosha	MWX221-02000AMSAMS/A	5517	12	09-Apr-2022
8m N-Type Cable	Junkosha	MWX221-08000NMSNMS/B	5520	12	24-Mar-2022

Table 13

TU - Traceability Unscheduled



2.2 Maximum Conducted Output Power

2.2.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (a)
ISED RSS-247, Clause 6.2

2.2.2 Equipment Under Test and Modification State

A2485, S/N: CQ2R1P6HF2 - Modification State 0
A2485, S/N: F39CJV429M - Modification State 0

2.2.3 Date of Test

23-August-2021 to 20-September-2021

2.2.4 Test Method

The test was performed in accordance with ANSI C63.10, clause 12.4.3.2 using method PM-G. Since the gated power meter was used for method PM-G, the EUT was measured only while transmitting and hence no duty cycle correction was necessary.

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

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).

The 'straddle' channels which operate across the U-NII 2C and U-NII 3 boundaries are reported as the power in each band compared to their respective limits in accordance with ANSI C63.10, clauses 12.3.1 and 12.3.2.

2.2.5 Environmental Conditions

Ambient Temperature	21.3 - 22.9 °C
Relative Humidity	48.9 - 64.3 %



2.2.6 Test Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	97.6
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5180	-	18.03	-	-	-	-	22.70	-4.67
5200	-	18.01	-	-	-	-	22.70	-4.69
5240	-	18.01	-	-	-	-	22.70	-4.69

Table 14 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	97.7
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5180	16.620	11.05	-	-	-	-	18.35	22.21	-3.86
5200	16.560	10.85	-	-	-	-	18.15	22.19	-4.04
5240	16.620	10.78	-	-	-	-	18.08	22.21	-4.13

Table 15 - ISSED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	96.6
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5180	-	18.22	-	-	-	-	22.70	-4.48
5200	-	18.06	-	-	-	-	22.70	-4.64
5240	-	18.04	-	-	-	-	22.70	-4.66

Table 16 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	96.8
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5180	17.760	11.06	-	-	-	-	18.36	22.49	-4.14
5200	17.700	10.93	-	-	-	-	18.23	22.48	-4.25
5240	17.700	11.08	-	-	-	-	18.38	22.48	-4.10

Table 17 - ISSED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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:	802.11n HT20	Duty Cycle (%):	96.8
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5180	-	12.75	12.81	-	-	15.78	22.70	-6.92
5200	-	12.82	12.61	-	-	15.72	22.70	-6.98
5240	-	12.59	12.81	-	-	15.70	22.70	-7.00

Table 18 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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:	802.11n HT20	Duty Cycle (%):	96.6
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5180	17.820	5.90	5.79	-	-	8.85	16.15	22.51	-6.36
5200	17.700	5.65	5.40	-	-	8.52	15.82	22.48	-6.66
5240	17.700	5.86	5.74	-	-	8.81	16.11	22.48	-6.37

Table 19 - ISSED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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:	802.11n HT20	Duty Cycle (%):	94.2
Modulation Coding Scheme:	MCS10	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5180	-	15.69	15.83	-	-	18.77	23.34	-4.58
5200	-	15.65	15.71	-	-	18.68	23.34	-4.66
5240	-	15.75	15.71	-	-	18.72	23.34	-4.62

Table 20 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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:	802.11n HT20	Duty Cycle (%):	94.6
Modulation Coding Scheme:	MCS10	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5180	17.820	8.83	8.90	-	-	11.86	18.52	22.51	-3.99
5200	17.700	8.44	8.69	-	-	11.56	18.21	22.48	-4.27
5240	17.700	8.66	8.68	-	-	11.68	18.34	22.48	-4.14

Table 21 - ISED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	94.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5190	-	17.45	-	-	-	-	22.70	-5.25
5230	-	20.43	-	-	-	-	22.70	-2.27

Table 22 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	94.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5190	36.600	13.48	-	-	-	-	20.78	23.00	-2.22
5230	36.300	13.60	-	-	-	-	20.90	23.00	-2.10

Table 23 - ISED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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:	802.11n HT40	Duty Cycle (%):	94.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5190	-	15.45	15.24	-	-	18.36	22.70	-4.34
5230	-	15.01	15.20	-	-	18.12	22.70	-4.58

Table 24 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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:	802.11n HT40	Duty Cycle (%):	94.2
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5190	36.600	8.11	8.48	-	-	11.31	18.61	23.00	-4.39
5230	36.300	8.31	8.38	-	-	11.35	18.65	23.00	-4.35

Table 25 - ISED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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:	802.11n HT40	Duty Cycle (%):	90.1
Modulation Coding Scheme:	MCS10	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5190	-	16.74	16.84	-	-	19.78	23.34	-3.57
5230	-	18.43	18.48	-	-	21.43	23.34	-1.92

Table 26 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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:	802.11n HT40	Duty Cycle (%):	90.3
Modulation Coding Scheme:	MCS10	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5190	36.600	11.17	11.24	-	-	14.20	20.85	23.00	-2.15
5230	36.360	11.10	11.17	-	-	14.11	20.77	23.00	-2.23

Table 27 - ISED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	89.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5210	-	17.13	-	-	-	-	22.70	-5.57

Table 28 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	89.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5210	75.900	14.23	-	-	-	-	21.53	23.00	-1.47

Table 29 - ISED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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:	802.11ac VHT80	Duty Cycle (%):	89.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5210	-	14.97	15.19	-	-	18.09	22.70	-4.61

Table 30 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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:	802.11ac VHT80	Duty Cycle (%):	88.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5210	75.460	8.99	9.15	-	-	12.07	19.37	23.00	-3.63

Table 31 - ISED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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:	802.11ac VHT80	Duty Cycle (%):	84.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5210	-	14.91	14.89	-	-	17.88	23.34	-5.46

Table 32 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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:	802.11ac VHT80	Duty Cycle (%):	84.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5210	75.900	11.88	11.95	-	-	14.92	21.57	23.00	-1.43

Table 33 - ISED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5180	-	17.94	-	-	-	-	22.70	-4.76
5200	-	17.89	-	-	-	-	22.70	-4.81
5240	-	17.85	-	-	-	-	22.70	-4.85

Table 34 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5180	19.080	10.97	-	-	-	-	18.27	22.81	-4.54
5200	19.020	10.67	-	-	-	-	17.97	22.79	-4.82
5240	19.020	10.85	-	-	-	-	18.15	22.79	-4.65

Table 35 - ISSED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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):	7.30
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5180	-	12.54	12.58	-	-	15.57	22.70	-7.13
5200	-	12.29	12.62	-	-	15.46	22.70	-7.24
5240	-	12.46	12.54	-	-	15.51	22.70	-7.19

Table 36 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5180	19.140	5.54	5.56	-	-	8.56	15.86	22.82	-6.96
5200	19.020	5.50	5.31	-	-	8.41	15.71	22.79	-7.08
5240	19.020	5.26	5.45	-	-	8.36	15.66	22.79	-7.13

Table 37 - ISSED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 (%):	95.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5180	-	15.55	15.60	-	-	18.58	23.34	-4.76
5200	-	15.55	15.34	-	-	18.46	23.34	-4.88
5240	-	15.65	15.48	-	-	18.57	23.34	-4.77

Table 38 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 (%):	96.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5180	19.140	8.16	8.49	-	-	11.34	17.99	22.82	-4.83
5200	19.020	8.44	8.26	-	-	11.36	18.01	22.79	-4.78
5240	19.020	8.33	8.45	-	-	11.40	18.06	22.79	-4.74

Table 39 - ISSED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	97.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5180 (RU26.0)	-	9.75	-	-	-	-	22.70	-12.95
5200 (RU26.0)	-	9.91	-	-	-	-	22.70	-12.79
5240 (RU26.8)	-	9.88	-	-	-	-	22.70	-12.82

Table 40 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5180 (RU26.0)	18.360	2.92	-	-	-	-	10.22	22.64	-12.42
5200 (RU26.0)	18.360	2.68	-	-	-	-	9.98	22.64	-12.66
5240 (RU26.8)	18.600	2.72	-	-	-	-	10.02	22.70	-12.68

Table 41 - ISED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 RU26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5180 (RU26.0)	-	4.44	4.26	-	-	7.36	22.70	-15.34
5200 (RU26.0)	-	4.51	4.33	-	-	7.43	22.70	-15.27
5240 (RU26.8)	-	4.17	4.44	-	-	7.32	22.70	-15.38

Table 42 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 RU26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5180 (RU26.0)	18.360	-2.63	-2.72	-	-	0.33	7.63	22.64	-15.01
5200 (RU26.0)	18.360	-2.72	-2.70	-	-	0.30	7.60	22.64	-15.04
5240 (RU26.8)	18.420	-2.75	-2.98	-	-	0.14	7.44	22.65	-15.21

Table 43 - ISSED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5180 (RU26.0)	-	7.23	7.50	-	-	10.38	23.34	-12.97
5200 (RU26.0)	-	7.40	7.42	-	-	10.41	23.34	-12.93
5240 (RU26.8)	-	7.44	7.47	-	-	10.45	23.34	-12.89

Table 44 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 (%):	97.5
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5180 (RU26.0)	18.300	0.41	0.46	-	-	3.44	10.10	22.62	-12.53
5200 (RU26.0)	18.360	0.52	0.62	-	-	3.57	10.23	22.64	-12.41
5240 (RU26.8)	18.300	0.11	0.47	-	-	3.30	9.95	22.62	-12.67

Table 45 - ISSED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5180 (RU52.37)	-	12.70	-	-	-	-	22.70	-10.00
5200 (RU52.37)	-	12.86	-	-	-	-	22.70	-9.84
5240 (RU52.40)	-	12.88	-	-	-	-	22.70	-9.82

Table 46 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5180 (RU52.37)	18.180	5.69	-	-	-	-	12.99	22.60	-9.60
5200 (RU52.37)	18.240	5.82	-	-	-	-	13.12	22.61	-9.49
5240 (RU52.40)	18.480	5.78	-	-	-	-	13.08	22.67	-9.58

Table 47 - ISSED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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):	7.30
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5180 (RU52.37)	-	7.33	7.62	-	-	10.49	22.70	-12.21
5200 (RU52.37)	-	7.46	7.54	-	-	10.51	22.70	-12.19
5240 (RU52.40)	-	7.37	7.40	-	-	10.38	22.70	-12.32

Table 48 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 (%):	97.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5180 (RU52.37)	18.180	0.40	0.24	-	-	3.33	10.63	22.60	-11.97
5200 (RU52.37)	18.180	0.65	0.74	-	-	3.70	11.00	22.60	-11.59
5240 (RU52.40)	18.180	0.29	0.40	-	-	3.35	10.65	22.60	-11.95

Table 49 - ISSED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 (%):	97.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5180 (RU52.37)	-	10.40	10.50	-	-	13.45	23.34	-9.89
5200 (RU52.37)	-	10.29	10.64	-	-	13.47	23.34	-9.87
5240 (RU52.40)	-	10.51	10.56	-	-	13.55	23.34	-9.80

Table 50 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 (%):	97.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5180 (RU52.37)	18.180	3.25	3.45	-	-	6.36	13.01	22.60	-9.58
5200 (RU52.37)	18.180	3.34	3.56	-	-	6.46	13.11	22.60	-9.48
5240 (RU52.40)	18.180	3.32	3.45	-	-	6.40	13.05	22.60	-9.54

Table 51 - ISED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5180 (RU106.53)	-	15.87	-	-	-	-	22.70	-6.83
5200 (RU106.53)	-	15.61	-	-	-	-	22.70	-7.09
5240 (RU106.54)	-	15.80	-	-	-	-	22.70	-6.90

Table 52 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5180 (RU106.53)	18.240	8.66	-	-	-	-	15.96	22.61	-6.65
5200 (RU106.53)	18.240	8.84	-	-	-	-	16.14	22.61	-6.47
5240 (RU106.54)	18.480	8.74	-	-	-	-	16.04	22.67	-6.62

Table 53 - ISSED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5180 (RU106.53)	-	10.39	10.49	-	-	13.44	22.70	-9.26
5200 (RU106.53)	-	10.48	10.58	-	-	13.51	22.70	-9.19
5240 (RU106.54)	-	10.50	10.50	-	-	13.51	22.70	-9.19

Table 54 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5180 (RU106.53)	18.120	3.38	3.58	-	-	6.49	13.79	22.58	-8.79
5200 (RU106.53)	18.180	3.52	3.49	-	-	6.51	13.81	22.60	-8.79
5240 (RU106.54)	18.240	3.46	3.57	-	-	6.52	13.82	22.61	-8.79

Table 55 - ISSED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 (%):	98.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5180 (RU106.53)	-	13.44	13.43	-	-	16.44	23.34	-6.90
5200 (RU106.53)	-	13.38	13.57	-	-	16.47	23.34	-6.87
5240 (RU106.54)	-	13.59	13.55	-	-	16.57	23.34	-6.77

Table 56 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 (%):	98.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5180 (RU106.53)	18.120	6.51	6.40	-	-	9.47	16.12	22.58	-6.46
5200 (RU106.53)	18.180	6.23	6.54	-	-	9.39	16.05	22.60	-6.55
5240 (RU106.54)	18.240	6.43	6.50	-	-	9.46	16.12	22.61	-6.49

Table 57 - ISSED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	93.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5190	-	16.97	-	-	-	-	22.70	-5.73
5230	-	20.15	-	-	-	-	22.70	-2.55

Table 58 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	93.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5190	38.160	13.39	-	-	-	-	20.69	23.00	-2.31
5230	38.040	13.50	-	-	-	-	20.80	23.00	-2.20

Table 59 - ISED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 (%):	93.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5190	-	14.92	15.00	-	-	17.96	22.70	-4.74
5230	-	14.74	15.08	-	-	17.93	22.70	-4.77

Table 60 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 (%):	93.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5190	38.160	7.91	8.17	-	-	11.05	18.35	23.00	-4.65
5230	38.040	7.73	7.93	-	-	10.84	18.14	23.00	-4.86

Table 61 - ISED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 (%):	93.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5190	-	15.60	15.69	-	-	18.66	23.34	-4.69
5230	-	17.72	17.93	-	-	20.83	23.34	-2.52

Table 62 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 (%):	93.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5190	38.160	10.94	10.93	-	-	13.94	20.60	23.00	-2.40
5230	37.920	10.99	10.97	-	-	13.99	20.65	23.00	-2.35

Table 63 - ISED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	88.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5210	-	17.04	-	-	-	-	22.70	-5.66

Table 64 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	88.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5210	77.220	14.42	-	-	-	-	21.72	23.00	-1.28

Table 65 - ISED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 (%):	88.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5210	-	14.56	14.67	-	-	17.62	22.70	-5.08

Table 66 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 (%):	88.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5210	77.220	8.94	9.10	-	-	12.03	19.33	23.00	-3.67

Table 67 - ISED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 (%):	88.5
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5210	-	14.99	15.20	-	-	18.10	23.34	-5.24

Table 68 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 (%):	88.5
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5210	77.220	11.77	12.10	-	-	14.95	21.60	23.00	-1.40

Table 69 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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:	802.11n HT20	Duty Cycle (%):	93.3
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5180	12.78	11.81	-	-	15.33	20.36	-5.03
5200	12.95	11.99	-	-	15.50	20.36	-4.86
5240	12.78	11.81	-	-	15.33	20.36	-5.03

Table 70 - FCC Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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:	802.11n HT20	Duty Cycle (%):	93.5
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5180	18.420	5.71	4.80	-	-	8.29	17.93	22.65	-4.73
5200	18.000	5.77	4.89	-	-	8.36	18.00	22.55	-4.55
5240	18.060	5.79	4.96	-	-	8.40	18.04	22.57	-4.53

Table 71 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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:	802.11n HT40	Duty Cycle (%):	93.2
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5190	15.20	14.07	-	-	17.68	20.36	-2.68
5230	15.23	14.11	-	-	17.71	20.36	-2.65

Table 72 - FCC Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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:	802.11n HT40	Duty Cycle (%):	93.1
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5190	37.560	8.24	7.41	-	-	10.85	20.48	23.00	-2.52
5230	36.960	8.41	7.36	-	-	10.93	20.56	23.00	-2.44

Table 73 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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:	802.11ac VHT80	Duty Cycle (%):	93.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5210	14.64	13.59	-	-	17.15	20.36	-3.21

Table 74 - FCC Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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:	802.11ac VHT80	Duty Cycle (%):	91.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5210	78.240	9.07	7.92	-	-	11.51	21.15	23.00	-1.85

Table 75 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	97.6
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.80
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5260	20.760	-	18.59	-	-	-	23.20	-4.61
5280	20.760	-	18.68	-	-	-	23.20	-4.52
5320	21.420	-	18.61	-	-	-	23.20	-4.59

Table 76 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5260	16.560	-	18.59	-	-	-	23.19	-4.60	25.39	29.19	-3.80
5280	16.560	-	18.68	-	-	-	23.19	-4.51	25.48	29.19	-3.71
5320	16.620	-	18.61	-	-	-	23.21	-4.60	25.41	29.21	-3.80

Table 77 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	96.6
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.80
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5260	21.120	-	18.59	-	-	-	23.20	-4.61
5280	20.940	-	18.59	-	-	-	23.20	-4.61
5320	21.540	-	18.41	-	-	-	23.20	-4.79

Table 78 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5260	17.700	-	18.59	-	-	-	23.48	-4.89	25.39	29.48	-4.09
5280	17.700	-	18.59	-	-	-	23.48	-4.89	25.39	29.48	-4.09
5320	17.820	-	18.41	-	-	-	23.51	-5.10	25.21	29.51	-4.30

Table 79 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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:	802.11n HT20	Duty Cycle (%):	96.6
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.80
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5260	20.940	13.21	13.04	-	-	16.13	23.20	-7.07
5280	21.000	13.21	12.82	-	-	16.02	23.20	-7.18
5320	21.600	12.97	12.81	-	-	15.90	23.20	-7.30

Table 80 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5260	17.700	13.21	13.04	-	-	16.13	23.48	-7.35	22.93	29.48	-6.55
5280	17.700	13.21	12.82	-	-	16.02	23.48	-7.46	22.82	29.48	-6.66
5320	17.820	12.97	12.81	-	-	15.90	23.51	-7.61	22.70	29.51	-6.81

Table 81 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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:	802.11n HT20	Duty Cycle (%):	94.2
Modulation Coding Scheme:	MCS10	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.33
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5260	21.000	16.03	16.00	-	-	19.02	23.67	-4.65
5280	20.880	16.02	16.03	-	-	19.02	23.67	-4.65
5320	21.600	15.95	15.76	-	-	18.85	23.67	-4.82

Table 82 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5260	17.700	16.03	16.00	-	-	19.02	23.48	-4.46	25.35	29.48	-4.13
5280	17.700	16.02	16.03	-	-	19.02	23.48	-4.46	25.35	29.48	-4.13
5320	17.820	15.95	15.76	-	-	18.85	23.51	-4.66	25.18	29.51	-4.33

Table 83 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	94.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.80
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5270	41.640	-	20.49	-	-	-	23.20	-2.71
5310	43.080	-	15.18	-	-	-	23.20	-8.02

Table 84 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5270	36.360	-	20.49	-	-	-	24.00	-3.51	27.29	30.00	-2.71
5310	36.600	-	15.18	-	-	-	24.00	-8.82	21.98	30.00	-8.02

Table 85 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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:	802.11n HT40	Duty Cycle (%):	94.3
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.80
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5270	41.400	15.47	15.48	-	-	18.47	23.20	-4.73
5310	42.720	14.18	14.33	-	-	17.26	23.20	-5.94

Table 86 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5270	36.240	15.47	15.48	-	-	18.47	24.00	-5.53	25.27	30.00	-4.73
5310	36.480	14.18	14.33	-	-	17.26	24.00	-6.74	24.06	30.00	-5.94

Table 87 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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:	802.11n HT40	Duty Cycle (%):	90.1
Modulation Coding Scheme:	MCS10	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.33
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5270	41.280	18.20	18.56	-	-	21.36	23.67	-2.31
5310	42.840	14.19	14.31	-	-	17.24	23.67	-6.43

Table 88 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5270	36.360	18.20	18.56	-	-	21.36	24.00	-2.64	27.69	30.00	-2.31
5310	36.600	14.19	14.31	-	-	17.24	24.00	-6.76	23.57	30.00	-6.43

Table 89 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	89.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.80
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5290	83.380	-	13.96	-	-	-	23.20	-9.24

Table 90 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5290	75.460	-	13.96	-	-	-	24.00	-10.04	20.76	30.00	-9.24

Table 91 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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:	802.11ac VHT80	Duty Cycle (%):	89.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.80
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5290	83.820	11.78	12.29	-	-	15.05	23.20	-8.15

Table 92 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5290	75.460	11.78	12.29	-	-	15.05	24.00	-8.95	21.85	30.00	-8.15

Table 93 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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:	802.11ac VHT80	Duty Cycle (%):	84.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.33
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5290	84.260	12.11	12.71	-	-	15.42	23.67	-8.25

Table 94 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5290	75.460	12.11	12.71	-	-	15.42	24.00	-8.58	21.75	30.00	-8.25

Table 95 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.80
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5260	21.300	-	18.27	-	-	-	23.20	-4.93
5280	21.240	-	18.47	-	-	-	23.20	-4.73
5320	26.160	-	18.20	-	-	-	23.20	-5.00

Table 96 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5260	19.020	-	18.27	-	-	-	23.79	-5.52	25.07	29.79	-4.72
5280	19.020	-	18.47	-	-	-	23.79	-5.32	25.27	29.79	-4.52
5320	19.080	-	18.20	-	-	-	23.81	-5.61	25.00	29.81	-4.81

Table 97 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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):	6.80
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5260	21.180	12.65	12.75	-	-	15.70	23.20	-7.50
5280	21.360	12.92	12.96	-	-	15.94	23.20	-7.26
5320	22.560	12.79	12.66	-	-	15.73	23.20	-7.47

Table 98 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5260	19.020	12.65	12.75	-	-	15.70	23.79	-8.09	22.50	29.79	-7.29
5280	19.020	12.92	12.96	-	-	15.94	23.79	-7.85	22.74	29.79	-7.05
5320	19.080	12.79	12.66	-	-	15.73	23.81	-8.07	22.53	29.81	-7.27

Table 99 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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 (%):	95.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.33
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5260	21.180	15.76	15.77	-	-	18.77	23.67	-4.90
5280	21.300	15.92	15.91	-	-	18.92	23.67	-4.75
5320	24.360	15.93	15.75	-	-	18.84	23.67	-4.83

Table 100 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5260	19.020	15.76	15.77	-	-	18.77	23.79	-5.02	25.10	29.79	-4.70
5280	19.020	15.92	15.91	-	-	18.92	23.79	-4.87	25.25	29.79	-4.54
5320	19.080	15.93	15.75	-	-	18.84	23.81	-4.96	25.17	29.81	-4.63

Table 101 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.80
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5260 (RU52.37)	20.160	-	13.17	-	-	-	23.20	-10.03
5280 (RU52.37)	20.340	-	13.36	-	-	-	23.20	-9.84
5320 (RU52.40)	20.640	-	13.16	-	-	-	23.20	-10.04

Table 102 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5260 (RU52.37)	18.180	-	13.17	-	-	-	23.60	-10.42	19.97	29.60	-9.62
5280 (RU52.37)	18.180	-	13.36	-	-	-	23.60	-10.24	20.16	29.60	-9.44
5320 (RU52.40)	18.480	-	13.16	-	-	-	23.67	-10.51	19.96	29.67	-9.71

Table 103 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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 (%):	97.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.80
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5260 (RU52.37)	19.920	8.00	7.89	-	-	10.94	23.19	-12.25
5280 (RU52.37)	19.800	7.80	7.85	-	-	10.84	23.17	-12.33
5320 (RU52.40)	19.740	7.99	7.89	-	-	10.95	23.15	-12.21

Table 104 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5260 (RU52.37)	18.180	8.00	7.89	-	-	10.94	23.60	-12.65	17.74	29.60	-11.85
5280 (RU52.37)	18.180	7.80	7.85	-	-	10.84	23.60	-12.76	17.64	29.60	-11.96
5320 (RU52.40)	18.240	7.99	7.89	-	-	10.95	23.61	-12.66	17.75	29.61	-11.86

Table 105 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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):	6.33
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5260 (RU52.37)	19.740	10.75	10.43	-	-	13.60	23.62	-10.02
5280 (RU52.37)	19.680	10.90	10.96	-	-	13.94	23.61	-9.67
5320 (RU52.40)	19.800	10.76	11.00	-	-	13.88	23.64	-9.76

Table 106 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5260 (RU52.37)	18.180	10.75	10.43	-	-	13.60	23.60	-9.99	19.93	29.60	-9.67
5280 (RU52.37)	18.180	10.90	10.96	-	-	13.94	23.60	-9.65	20.27	29.60	-9.33
5320 (RU52.40)	18.180	10.76	11.00	-	-	13.88	23.60	-9.72	20.21	29.60	-9.39

Table 107 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.80
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5260 (RU106.53)	20.640	-	16.21	-	-	-	23.20	-6.99
5280 (RU106.53)	20.640	-	16.20	-	-	-	23.20	-7.00
5320 (RU106.54)	21.000	-	16.15	-	-	-	23.20	-7.05

Table 108 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5260 (RU106.53)	18.240	-	16.21	-	-	-	23.61	-7.40	23.01	29.61	-6.60
5280 (RU106.53)	18.240	-	16.20	-	-	-	23.61	-7.41	23.00	29.61	-6.61
5320 (RU106.54)	18.480	-	16.15	-	-	-	23.67	-7.52	22.95	29.67	-6.72

Table 109 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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 (%):	97.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.80
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5260 (RU106.53)	20.160	10.88	10.59	-	-	13.74	23.20	-9.46
5280 (RU106.53)	19.980	10.71	10.78	-	-	13.75	23.20	-9.45
5320 (RU106.54)	20.220	10.72	10.94	-	-	13.84	23.20	-9.36

Table 110 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5260 (RU106.53)	18.180	10.88	10.59	-	-	13.74	23.60	-9.85	20.54	29.60	-9.05
5280 (RU106.53)	18.180	10.71	10.78	-	-	13.75	23.60	-9.84	20.55	29.60	-9.04
5320 (RU106.54)	18.240	10.72	10.94	-	-	13.84	23.61	-9.77	20.64	29.61	-8.97

Table 111 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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 (%):	98.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.33
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5260 (RU106.53)	19.860	13.78	13.54	-	-	16.67	23.65	-6.98
5280 (RU106.53)	19.920	13.85	13.90	-	-	16.87	23.66	-6.80
5320 (RU106.54)	19.920	13.60	13.83	-	-	16.72	23.66	-6.94

Table 112 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5260 (RU106.53)	18.120	13.78	13.54	-	-	16.67	23.58	-6.92	22.99	29.58	-6.59
5280 (RU106.53)	18.180	13.85	13.90	-	-	16.87	23.60	-6.73	23.20	29.60	-6.40
5320 (RU106.54)	18.180	13.60	13.83	-	-	16.72	23.60	-6.88	23.05	29.60	-6.55

Table 113 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	93.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.80
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5270	41.880	-	19.79	-	-	-	23.20	-3.41
5310	51.120	-	15.41	-	-	-	23.20	-7.79

Table 114 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5270	38.040	-	19.79	-	-	-	24.00	-4.21	26.59	30.00	-3.41
5310	38.160	-	15.41	-	-	-	24.00	-8.59	22.21	30.00	-7.79

Table 115 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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 (%):	93.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.80
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5270	41.880	15.17	15.44	-	-	18.31	23.20	-4.89
5310	52.800	12.71	13.18	-	-	15.96	23.20	-7.24

Table 116 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5270	37.920	15.17	15.44	-	-	18.31	24.00	-5.69	25.11	30.00	-4.89
5310	38.160	12.71	13.18	-	-	15.96	24.00	-8.04	22.76	30.00	-7.24

Table 117 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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 (%):	93.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.33
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5270	41.760	18.32	18.42	-	-	21.38	23.67	-2.29
5310	52.800	12.98	13.45	-	-	16.23	23.67	-7.44

Table 118 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5270	37.920	18.32	18.42	-	-	21.38	24.00	-2.62	27.71	30.00	-2.29
5310	38.160	12.98	13.45	-	-	16.23	24.00	-7.77	22.56	30.00	-7.44

Table 119 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	88.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.80
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5290	86.900	-	13.15	-	-	-	23.20	-10.05

Table 120 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5290	77.220	-	13.15	-	-	-	24.00	-10.85	19.95	30.00	-10.05

Table 121 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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 (%):	88.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.80
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5290	86.460	11.76	12.33	-	-	15.06	23.20	-8.14

Table 122 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5290	77.220	11.76	12.33	-	-	15.06	24.00	-8.94	21.86	30.00	-8.14

Table 123 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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 (%):	88.5
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.33
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5290	85.800	12.28	12.81	-	-	15.56	23.67	-8.11

Table 124 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5290	77.220	12.28	12.81	-	-	15.56	24.00	-8.44	21.89	30.00	-8.11

Table 125 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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:	802.11n HT20	Duty Cycle (%):	93.1
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.32
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5260	20.880	13.10	11.74	-	-	15.48	20.68	-5.20
5280	20.820	12.91	11.52	-	-	15.28	20.68	-5.39
5320	21.840	13.13	11.88	-	-	15.56	20.68	-5.12

Table 126 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5260	17.700	13.10	11.74	-	-	15.48	23.48	-8.00	24.80	29.48	-4.68
5280	17.700	12.91	11.52	-	-	15.28	23.48	-8.20	24.61	29.48	-4.87
5320	17.820	13.13	11.88	-	-	15.56	23.51	-7.95	24.88	29.51	-4.62

Table 127 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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:	802.11n HT40	Duty Cycle (%):	93.3
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.32
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5270	41.280	15.61	14.20	-	-	17.96	20.68	-2.72
5310	45.360	14.25	12.66	-	-	16.53	20.68	-4.15

Table 128 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5270	36.360	15.61	14.20	-	-	17.96	24.00	-6.04	27.28	30.00	-2.72
5310	36.720	14.25	12.66	-	-	16.53	24.00	-7.47	25.85	30.00	-4.15

Table 129 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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:	802.11ac VHT80	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.32
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5290	88.000	10.88	10.06	-	-	13.49	20.68	-7.19

Table 130 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5290	76.340	10.88	10.06	-	-	13.49	24.00	-10.51	22.81	30.00	-7.19

Table 131 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.3.2.4 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 (%):	97.6
Data Rate:	12 Mbps	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5500	21.360	-	18.72	-	-	-	23.90	-5.18
5580	20.820	-	19.27	-	-	-	23.90	-4.63
5700	21.660	-	19.19	-	-	-	23.90	-4.71
5720	15.380	-	18.68	-	-	-	22.77	-4.09

Table 132 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5500	16.620	-	18.72	-	-	-	23.21	-4.49	24.82	29.21	-4.39
5580	16.560	-	19.27	-	-	-	23.19	-3.92	25.37	29.19	-3.82
5700	16.680	-	19.19	-	-	-	23.22	-4.03	25.29	29.22	-3.93
5720	13.100	-	18.68	-	-	-	22.17	-3.49	24.78	28.17	-3.39

Table 133 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.3.2.4 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:	802.11n HT20	Duty Cycle (%):	96.6
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.15
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5500	21.840	-	18.93	-	-	-	23.90	-4.97
5580	21.060	-	19.33	-	-	-	23.90	-4.57
5700	22.860	-	18.98	-	-	-	23.90	-4.92
5720	15.560	-	18.60	-	-	-	22.82	-4.22

Table 134 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5500	17.820	-	18.93	-	-	-	23.51	-4.58	25.03	29.51	-4.48
5580	17.700	-	19.33	-	-	-	23.48	-4.15	25.43	29.48	-4.05
5700	17.880	-	18.98	-	-	-	23.52	-4.54	25.08	29.52	-4.44
5720	13.700	-	18.60	-	-	-	22.37	-3.77	24.70	28.37	-3.67

Table 135 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.3.2.4 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:	802.11n HT20	Duty Cycle (%):	96.6
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.15
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.10
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5500	21.600	13.70	13.18	-	-	16.45	23.90	-7.45
5580	21.000	13.43	13.24	-	-	16.35	23.90	-7.55
5700	21.900	13.52	13.09	-	-	16.32	23.90	-7.58
5720	15.440	12.64	12.34	-	-	15.51	22.79	-7.28

Table 136 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5500	17.820	13.70	13.18	-	-	16.45	23.51	-7.06	22.55	29.51	-6.96
5580	17.700	13.43	13.24	-	-	16.35	23.48	-7.13	22.45	29.48	-7.03
5700	17.760	13.52	13.09	-	-	16.32	23.49	-7.18	22.42	29.49	-7.08
5720	13.700	12.64	12.34	-	-	15.51	22.37	-6.86	21.61	28.37	-6.76

Table 137 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.3.2.4 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:	802.11n HT20	Duty Cycle (%):	94.2
Modulation Coding Scheme:	MCS10	DCCF (dB):	0.26
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.76
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5500	21.540	16.54	15.78	-	-	19.18	24.00	-4.82
5580	20.940	16.47	16.07	-	-	19.28	24.00	-4.72
5700	22.080	16.50	16.25	-	-	19.38	24.00	-4.62
5720	15.440	15.83	15.47	-	-	18.66	22.89	-4.22

Table 138 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5500	17.820	16.54	15.78	-	-	19.18	23.51	-4.33	24.94	29.51	-4.57
5580	17.700	16.47	16.07	-	-	19.28	23.48	-4.20	25.04	29.48	-4.43
5700	17.820	16.50	16.25	-	-	19.38	23.51	-4.13	25.14	29.51	-4.37
5720	13.700	15.83	15.47	-	-	18.66	22.37	-3.70	24.43	28.37	-3.94

Table 139 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.3.2.4 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:	802.11n HT40	Duty Cycle (%):	94.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.27
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5510	43.080	-	16.98	-	-	-	23.90	-6.92
5550	41.640	-	20.61	-	-	-	23.90	-3.29
5670	45.480	-	19.94	-	-	-	23.90	-3.96
5710	36.000	-	20.28	-	-	-	23.90	-3.62

Table 140 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5510	36.600	-	16.98	-	-	-	24.00	-7.02	23.08	30.00	-6.92
5550	36.360	-	20.61	-	-	-	24.00	-3.39	26.71	30.00	-3.29
5670	36.720	-	19.94	-	-	-	24.00	-4.06	26.04	30.00	-3.96
5710	32.880	-	20.28	-	-	-	24.00	-3.72	26.38	30.00	-3.62

Table 141 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.3.2.4 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:	802.11n HT40	Duty Cycle (%):	94.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.27
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.10
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5510	42.600	15.45	14.91	-	-	18.20	23.90	-5.70
5550	41.400	16.05	15.58	-	-	18.82	23.90	-5.08
5670	43.080	16.08	15.65	-	-	18.88	23.90	-5.02
5710	35.640	15.51	15.58	-	-	18.56	23.90	-5.34

Table 142 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5510	36.600	15.45	14.91	-	-	18.20	24.00	-5.80	24.30	30.00	-5.70
5550	36.360	16.05	15.58	-	-	18.82	24.00	-5.18	24.92	30.00	-5.08
5670	36.600	16.08	15.65	-	-	18.88	24.00	-5.12	24.98	30.00	-5.02
5710	32.880	15.51	15.58	-	-	18.56	24.00	-5.44	24.66	30.00	-5.34

Table 143 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.3.2.4 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:	802.11n HT40	Duty Cycle (%):	90.1
Modulation Coding Scheme:	MCS10	DCCF (dB):	0.45
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.76
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5510	42.960	16.16	15.75	-	-	18.96	24.00	-5.04
5550	41.400	18.96	18.46	-	-	21.70	24.00	-2.30
5670	43.680	19.00	18.65	-	-	21.80	24.00	-2.20
5710	35.640	18.84	18.76	-	-	21.81	24.00	-2.19

Table 144 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5510	36.600	16.16	15.75	-	-	18.96	24.00	-5.04	24.72	30.00	-5.28
5550	36.360	18.96	18.46	-	-	21.70	24.00	-2.30	27.47	30.00	-2.53
5670	36.480	19.00	18.65	-	-	21.80	24.00	-2.20	27.57	30.00	-2.43
5710	32.800	18.84	18.76	-	-	21.81	24.00	-2.19	27.58	30.00	-2.42

Table 145 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.3.2.4 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:	802.11ac VHT80	Duty Cycle (%):	89.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.51
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5530	84.480	-	15.15	-	-	-	23.90	-8.75
5610	91.520	-	20.77	-	-	-	23.90	-3.13
5690	76.360	-	20.85	-	-	-	23.90	-3.05

Table 146 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5530	75.900	-	15.15	-	-	-	24.00	-8.85	21.25	30.00	-8.75
5610	75.900	-	20.77	-	-	-	24.00	-3.23	26.87	30.00	-3.13
5690	72.400	-	20.85	-	-	-	24.00	-3.15	26.95	30.00	-3.05

Table 147 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.3.2.4 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:	802.11ac VHT80	Duty Cycle (%):	88.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.51
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.10
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5530	84.040	13.68	13.58	-	-	16.63	23.90	-7.27
5610	84.260	16.72	16.37	-	-	19.56	23.90	-4.34
5690	75.920	16.83	16.46	-	-	19.66	23.90	-4.24

Table 148 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5530	75.460	13.68	13.58	-	-	16.63	24.00	-7.37	22.73	30.00	-7.27
5610	75.680	16.72	16.37	-	-	19.56	24.00	-4.44	25.66	30.00	-4.34
5690	72.180	16.83	16.46	-	-	19.66	24.00	-4.34	25.76	30.00	-4.24

Table 149 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.3.2.4 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:	802.11ac VHT80	Duty Cycle (%):	84.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.75
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.76
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5530	83.600	13.68	13.59	-	-	16.63	24.00	-7.37
5610	84.260	19.69	19.33	-	-	22.50	24.00	-1.50
5690	76.140	19.63	19.19	-	-	22.43	24.00	-1.57

Table 150 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5530	75.460	13.68	13.59	-	-	16.63	24.00	-7.37	22.39	30.00	-7.61
5610	75.680	19.69	19.33	-	-	22.50	24.00	-1.50	28.26	30.00	-1.74
5690	72.180	19.63	19.19	-	-	22.43	24.00	-1.57	28.19	30.00	-1.81

Table 151 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.3.2.4 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 (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5500	26.460	-	17.99	-	-	-	23.90	-5.91
5580	21.300	-	19.00	-	-	-	23.90	-4.90
5700	24.720	-	16.04	-	-	-	23.90	-7.86
5720	15.680	-	18.06	-	-	-	22.85	-4.79

Table 152 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5500	19.080	-	17.99	-	-	-	23.81	-5.81	24.09	29.81	-5.71
5580	19.020	-	19.00	-	-	-	23.79	-4.79	25.10	29.79	-4.69
5700	19.080	-	16.04	-	-	-	23.81	-7.77	22.14	29.81	-7.67
5720	14.420	-	18.06	-	-	-	22.59	-4.53	24.16	28.59	-4.43

Table 153 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.3.2.4 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 (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.10
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5500	23.160	13.18	12.35	-	-	15.79	23.90	-8.11
5580	21.180	13.37	12.77	-	-	16.09	23.90	-7.81
5700	24.600	13.26	12.72	-	-	16.00	23.90	-7.90
5720	15.620	12.37	12.02	-	-	15.21	22.84	-7.63

Table 154 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5500	19.140	13.18	12.35	-	-	15.79	23.82	-8.03	21.89	29.82	-7.93
5580	19.020	13.37	12.77	-	-	16.09	23.79	-7.70	22.19	29.79	-7.60
5700	19.080	13.26	12.72	-	-	16.00	23.81	-7.80	22.10	29.81	-7.70
5720	14.420	12.37	12.02	-	-	15.21	22.59	-7.38	21.31	28.59	-7.28

Table 155 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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 (%):	95.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.76
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5500	23.760	16.25	15.49	-	-	18.90	24.00	-5.10
5580	21.240	16.41	15.80	-	-	19.12	24.00	-4.88
5700	25.080	16.10	15.69	-	-	18.91	24.00	-5.09
5720	15.620	15.39	14.90	-	-	18.16	22.94	-4.77

Table 156 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5500	19.140	16.25	15.49	-	-	18.90	23.82	-4.92	24.66	29.82	-5.16
5580	19.020	16.41	15.80	-	-	19.12	23.79	-4.68	24.88	29.79	-4.91
5700	19.080	16.10	15.69	-	-	18.91	23.81	-4.89	24.68	29.81	-5.13
5720	14.420	15.39	14.90	-	-	18.16	22.59	-4.43	23.93	28.59	-4.66

Table 157 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.3.2.4 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 (%):	97.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5500 (RU52.37)	20.160	-	14.05	-	-	-	23.90	-9.85
5580 (RU52.37)	20.160	-	13.92	-	-	-	23.90	-9.98
5700 (RU52.40)	20.760	-	14.06	-	-	-	23.90	-9.84
5720 (RU52.40)	15.080	-	-0.48	-	-	-	22.68	-23.17

Table 158 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5500 (RU52.37)	18.240	-	14.05	-	-	-	23.61	-9.56	20.15	29.61	-9.46
5580 (RU52.37)	18.180	-	13.92	-	-	-	23.60	-9.68	20.02	29.60	-9.58
5700 (RU52.40)	18.480	-	14.06	-	-	-	23.67	-9.61	20.16	29.67	-9.51
5720 (RU52.40)	14.000	-	-0.48	-	-	-	22.46	-22.94	5.62	28.46	-22.84

Table 159 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.3.2.4 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 RU52	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.10
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5500 (RU52.37)	19.860	8.19	7.33	-	-	10.79	23.88	-13.09
5580 (RU52.37)	19.800	8.43	8.32	-	-	11.38	23.87	-12.49
5700 (RU52.40)	19.800	8.33	7.58	-	-	10.96	23.87	-12.90
5720 (RU52.40)	14.360	-7.45	-7.67	-	-	-4.55	22.47	-27.02

Table 160 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5500 (RU52.37)	18.180	8.19	7.33	-	-	10.79	23.60	-12.80	16.89	29.60	-12.70
5580 (RU52.37)	18.180	8.43	8.32	-	-	11.38	23.60	-12.22	17.48	29.60	-12.12
5700 (RU52.40)	18.180	8.33	7.58	-	-	10.96	23.60	-12.63	17.06	29.60	-12.53
5720 (RU52.40)	13.700	-7.45	-7.67	-	-	-4.55	22.37	-26.91	1.55	28.37	-26.81

Table 161 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.3.2.4 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):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.76
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5500 (RU52.37)	19.800	11.32	10.72	-	-	14.04	23.97	-9.93
5580 (RU52.37)	19.860	11.18	10.98	-	-	14.09	23.98	-9.89
5700 (RU52.40)	19.860	11.41	10.89	-	-	14.16	23.98	-9.82
5720 (RU52.40)	14.300	-4.01	-4.76	-	-	-1.36	22.55	-23.91

Table 162 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5500 (RU52.37)	18.180	11.32	10.72	-	-	14.04	23.60	-9.56	19.80	29.60	-9.79
5580 (RU52.37)	18.180	11.18	10.98	-	-	14.09	23.60	-9.51	19.85	29.60	-9.74
5700 (RU52.40)	18.180	11.41	10.89	-	-	14.16	23.60	-9.44	19.92	29.60	-9.67
5720 (RU52.40)	13.700	-4.01	-4.76	-	-	-1.36	22.37	-23.73	4.41	28.37	-23.96

Table 163 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.3.2.4 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 (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5500 (RU106.53)	20.580	-	16.45	-	-	-	23.90	-7.45
5580 (RU106.53)	20.760	-	17.24	-	-	-	23.90	-6.66
5700 (RU106.54)	21.060	-	16.86	-	-	-	23.90	-7.04
5720 (RU106.54)	15.380	-	13.80	-	-	-	22.77	-8.97

Table 164 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5500 (RU106.53)	18.240	-	16.45	-	-	-	23.61	-7.16	22.55	29.61	-7.06
5580 (RU106.53)	18.240	-	17.24	-	-	-	23.61	-6.37	23.34	29.61	-6.27
5700 (RU106.54)	18.420	-	16.86	-	-	-	23.65	-6.79	22.96	29.65	-6.69
5720 (RU106.54)	13.760	-	13.80	-	-	-	22.39	-8.58	19.90	28.39	-8.48

Table 165 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.3.2.4 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 (%):	97.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.09
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.10
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5500 (RU106.53)	19.860	11.49	10.89	-	-	14.21	23.88	-9.67
5580 (RU106.53)	20.040	11.46	11.26	-	-	14.37	23.90	-9.53
5700 (RU106.54)	20.280	11.28	10.79	-	-	14.05	23.90	-9.85
5720 (RU106.54)	14.540	7.95	7.46	-	-	10.72	22.53	-11.80

Table 166 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5500 (RU106.53)	18.180	11.49	10.89	-	-	14.21	23.60	-9.39	20.31	29.60	-9.29
5580 (RU106.53)	18.120	11.46	11.26	-	-	14.37	23.58	-9.21	20.47	29.58	-9.11
5700 (RU106.54)	18.300	11.28	10.79	-	-	14.05	23.62	-9.57	20.15	29.62	-9.47
5720 (RU106.54)	13.580	7.95	7.46	-	-	10.72	22.33	-11.61	16.82	28.33	-11.51

Table 167 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.3.2.4 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 (%):	98.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.09
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.76
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5500 (RU106.53)	19.800	14.29	13.45	-	-	16.89	23.97	-7.08
5580 (RU106.53)	19.920	14.30	14.19	-	-	17.25	23.99	-6.74
5700 (RU106.54)	20.160	14.26	13.87	-	-	17.07	24.00	-6.93
5720 (RU106.54)	14.540	11.11	10.55	-	-	13.85	22.63	-8.78

Table 168 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5500 (RU106.53)	18.180	14.29	13.45	-	-	16.89	23.60	-6.70	22.66	29.60	-6.94
5580 (RU106.53)	18.120	14.30	14.19	-	-	17.25	23.58	-6.33	23.02	29.58	-6.57
5700 (RU106.54)	18.240	14.26	13.87	-	-	17.07	23.61	-6.54	22.83	29.61	-6.78
5720 (RU106.54)	13.580	11.11	10.55	-	-	13.85	22.33	-8.48	19.61	28.33	-8.72

Table 169 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.3.2.4 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 (%):	93.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.31
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5510	52.920	-	16.67	-	-	-	23.90	-7.23
5550	42.000	-	19.12	-	-	-	23.90	-4.78
5670	56.040	-	19.00	-	-	-	23.90	-4.90
5710	36.360	-	20.26	-	-	-	23.90	-3.64

Table 170 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5510	38.160	-	16.67	-	-	-	24.00	-7.33	22.77	30.00	-7.23
5550	38.040	-	19.12	-	-	-	24.00	-4.88	25.22	30.00	-4.78
5670	38.160	-	19.00	-	-	-	24.00	-5.00	25.10	30.00	-4.90
5710	33.840	-	20.26	-	-	-	24.00	-3.74	26.36	30.00	-3.64

Table 171 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.3.2.4 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 (%):	93.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.31
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.10
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5510	53.040	14.14	13.83	-	-	16.99	23.90	-6.91
5550	41.760	15.84	15.37	-	-	18.61	23.90	-5.29
5670	52.800	15.95	15.46	-	-	18.72	23.90	-5.18
5710	36.000	15.44	15.67	-	-	18.57	23.90	-5.33

Table 172 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5510	38.160	14.14	13.83	-	-	16.99	24.00	-7.01	23.09	30.00	-6.91
5550	37.920	15.84	15.37	-	-	18.61	24.00	-5.39	24.71	30.00	-5.29
5670	38.160	15.95	15.46	-	-	18.72	24.00	-5.28	24.82	30.00	-5.18
5710	33.720	15.44	15.67	-	-	18.57	24.00	-5.43	24.67	30.00	-5.33

Table 173 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.3.2.4 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 (%):	93.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.31
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.76
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5510	52.800	14.66	14.50	-	-	17.58	24.00	-6.42
5550	42.120	18.79	18.37	-	-	21.59	24.00	-2.41
5670	55.800	18.13	18.03	-	-	21.09	24.00	-2.91
5710	36.000	18.48	18.18	-	-	21.34	24.00	-2.66

Table 174 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5510	38.160	14.66	14.50	-	-	17.58	24.00	-6.42	23.35	30.00	-6.65
5550	37.920	18.79	18.37	-	-	21.59	24.00	-2.41	27.35	30.00	-2.65
5670	38.160	18.13	18.03	-	-	21.09	24.00	-2.91	26.85	30.00	-3.15
5710	33.840	18.48	18.18	-	-	21.34	24.00	-2.66	27.11	30.00	-2.89

Table 175 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.3.2.4 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 (%):	88.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.53
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5530	87.120	-	14.14	-	-	-	23.90	-9.76
5690	76.800	-	20.94	-	-	-	23.90	-2.96

Table 176 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5530	77.220	-	14.14	-	-	-	24.00	-9.86	20.24	30.00	-9.76
5690	73.280	-	20.94	-	-	-	24.00	-3.06	27.04	30.00	-2.96

Table 177 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.3.2.4 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 (%):	88.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.53
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.10
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5530	85.800	13.15	12.99	-	-	16.07	23.90	-7.83
5690	76.360	16.86	16.35	-	-	19.62	23.90	-4.28

Table 178 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5530	77.220	13.15	12.99	-	-	16.07	24.00	-7.93	22.17	30.00	-7.83
5690	73.060	16.86	16.35	-	-	19.62	24.00	-4.38	25.72	30.00	-4.28

Table 179 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.3.2.4 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 (%):	88.5
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.53
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.76
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5530	86.900	13.66	13.36	-	-	16.52	24.00	-7.48
5690	76.580	19.82	19.31	-	-	22.58	24.00	-1.42

Table 180 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5530	77.220	13.66	13.36	-	-	16.52	24.00	-7.48	22.29	30.00	-7.71
5690	73.060	19.82	19.31	-	-	22.58	24.00	-1.42	28.35	30.00	-1.65

Table 181 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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:	802.11n HT20	Duty Cycle (%):	93.2
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.31
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	8.77
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5500	22.080	13.40	11.55	-	-	15.58	21.23	-5.66
5580	21.060	13.71	11.48	-	-	15.75	21.23	-5.49
5700	22.080	13.64	11.73	-	-	15.80	21.23	-5.44
5720	15.500	12.27	10.92	-	-	14.66	20.14	-5.48

Table 182 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5500	17.820	13.40	11.55	-	-	15.58	23.51	-7.93	24.34	29.51	-5.17
5580	17.700	13.71	11.48	-	-	15.75	23.48	-7.73	24.51	29.48	-4.97
5700	17.880	13.64	11.73	-	-	15.80	23.52	-7.73	24.56	29.52	-4.96
5720	13.760	12.27	10.92	-	-	14.66	22.39	-7.73	23.42	28.39	-4.96

Table 183 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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:	802.11n HT40	Duty Cycle (%):	93.2
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.31
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	8.77
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5510	44.760	13.65	12.02	-	-	15.92	21.23	-5.32
5550	41.520	15.46	14.13	-	-	17.85	21.23	-3.38
5670	44.640	15.99	14.93	-	-	18.49	21.23	-2.74
5710	35.700	15.93	15.09	-	-	18.54	21.23	-2.70

Table 184 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5510	36.720	13.65	12.02	-	-	15.92	24.00	-8.08	24.68	30.00	-5.32
5550	36.360	15.46	14.13	-	-	17.85	24.00	-6.15	26.62	30.00	-3.38
5670	36.720	15.99	14.93	-	-	18.49	24.00	-5.51	27.26	30.00	-2.74
5710	32.880	15.93	15.09	-	-	18.54	24.00	-5.46	27.30	30.00	-2.70

Table 185 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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:	802.11ac VHT80	Duty Cycle (%):	93.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.29
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	8.77
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5530	86.460	12.71	11.41	-	-	15.11	21.23	-6.13
5610	85.580	16.47	15.45	-	-	18.99	21.23	-2.24
5690	76.140	16.61	15.52	-	-	19.11	21.23	-2.13

Table 186 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ					
5530	76.120	12.71	11.41	-	-	15.11	24.00	-8.89	23.87	30.00	-6.13
5610	75.900	16.47	15.45	-	-	18.99	24.00	-5.01	27.76	30.00	-2.24
5690	71.960	16.61	15.52	-	-	19.11	24.00	-4.89	27.87	30.00	-2.13

Table 187 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.3.2.4 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 (%):	97.8
Data Rate:	12 Mbps	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5720	-	11.08	-	-	-	29.90	-18.82
5745	-	20.65	-	-	-	30.00	-9.35
5785	-	20.93	-	-	-	30.00	-9.07
5825	-	20.68	-	-	-	30.00	-9.32

Table 188 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.3.2.4 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:	802.11n HT20	Duty Cycle (%):	96.8
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.14
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5720	-	11.59	-	-	-	29.90	-18.31
5745	-	20.66	-	-	-	30.00	-9.34
5785	-	20.82	-	-	-	30.00	-9.18
5825	-	20.95	-	-	-	30.00	-9.05

Table 189 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.3.2.4 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:	802.11n HT20	Duty Cycle (%):	96.8
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.14
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.10
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5720	5.79	5.27	-	-	8.55	29.90	-21.35
5745	20.77	20.17	-	-	23.49	30.00	-6.51
5785	20.66	20.58	-	-	23.63	30.00	-6.37
5825	20.79	20.85	-	-	23.82	30.00	-6.18

Table 190 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.3.2.4 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:	802.11n HT20	Duty Cycle (%):	94.5
Modulation Coding Scheme:	MCS10	DCCF (dB):	0.24
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.86
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5720	8.84	8.46	-	-	11.66	30.00	-18.34
5745	20.68	20.09	-	-	23.39	30.00	-6.61
5785	20.66	20.57	-	-	23.61	30.00	-6.39
5825	20.79	20.88	-	-	23.82	30.00	-6.18

Table 191 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.3.2.4 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:	802.11n HT40	Duty Cycle (%):	94.2
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.26
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5710	-	8.31	-	-	-	29.90	-21.59
5755	-	20.76	-	-	-	30.00	-9.24
5795	-	20.79	-	-	-	30.00	-9.21

Table 192 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.3.2.4 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:	802.11n HT40	Duty Cycle (%):	94.2
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.26
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.10
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5710	3.78	3.70	-	-	6.75	29.90	-23.15
5755	20.68	20.25	-	-	23.47	30.00	-6.53
5795	20.88	20.24	-	-	23.57	30.00	-6.43

Table 193 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.3.2.4 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:	802.11n HT40	Duty Cycle (%):	90.4
Modulation Coding Scheme:	MCS10	DCCF (dB):	0.44
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.86
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5710	7.22	6.99	-	-	10.12	30.00	-19.88
5755	20.78	20.52	-	-	23.63	30.00	-6.37
5795	20.81	20.37	-	-	23.58	30.00	-6.42

Table 194 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.3.2.4 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:	802.11ac VHT80	Duty Cycle (%):	89.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.47
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5690	-	4.76	-	-	-	29.90	-25.14
5775	-	20.76	-	-	-	30.00	-9.24

Table 195 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.3.2.4 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:	802.11ac VHT80	Duty Cycle (%):	89.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.47
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.10
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5690	1.02	0.37	-	-	3.72	29.90	-26.18
5775	20.94	20.87	-	-	23.91	30.00	-6.09

Table 196 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.3.2.4 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:	802.11ac VHT80	Duty Cycle (%):	85.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.70
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.86
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5690	4.09	3.19	-	-	6.67	30.00	-23.33
5775	20.96	20.75	-	-	23.85	30.00	-6.15

Table 197 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.3.2.4 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):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5720	-	12.76	-	-	-	29.90	-17.14
5745	-	20.81	-	-	-	30.00	-9.19
5785	-	20.84	-	-	-	30.00	-9.16
5825	-	20.67	-	-	-	30.00	-9.33

Table 198 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.3.2.4 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 (%):	96.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.17
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.10
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5720	7.24	6.84	-	-	10.06	29.90	-19.84
5745	20.85	20.25	-	-	23.57	30.00	-6.43
5785	20.68	20.65	-	-	23.67	30.00	-6.33
5825	20.77	20.69	-	-	23.73	30.00	-6.27

Table 199 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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 (%):	96.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.65
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5720	10.11	9.53	-	-	12.84	30.00	-17.16
5745	21.00	20.42	-	-	23.71	30.00	-6.29
5785	20.67	20.85	-	-	23.77	30.00	-6.23
5825	20.74	20.66	-	-	23.69	30.00	-6.31

Table 200 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	97.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5745 (RU26.0)	-	12.85	-	-	-	30.00	-17.15
5785 (RU26.0)	-	12.84	-	-	-	30.00	-17.16
5825 (RU26.8)	-	12.81	-	-	-	30.00	-17.19

Table 201 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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 RU26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5745 (RU26.0)	12.90	12.65	-	-	15.79	30.00	-14.21
5785 (RU26.0)	12.77	12.94	-	-	15.87	30.00	-14.13
5825 (RU26.8)	12.81	12.70	-	-	15.76	30.00	-14.24

Table 202 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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 (%):	97.6
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.65
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5745 (RU26.0)	12.87	12.64	-	-	15.77	30.00	-14.23
5785 (RU26.0)	12.75	12.93	-	-	15.84	30.00	-14.16
5825 (RU26.8)	12.65	12.74	-	-	15.70	30.00	-14.30

Table 203 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.3.2.4 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 (%):	97.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5720 (RU52.40)	-	14.05	-	-	-	29.90	-15.85
5745 (RU52.37)	-	15.56	-	-	-	30.00	-14.44
5785 (RU52.37)	-	15.85	-	-	-	30.00	-14.15
5825 (RU52.40)	-	15.88	-	-	-	30.00	-14.12

Table 204 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.3.2.4 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 RU52	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.10
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5720 (RU52.40)	8.20	7.28	-	-	10.77	29.90	-19.13
5745 (RU52.37)	15.86	15.42	-	-	18.65	30.00	-11.35
5785 (RU52.37)	15.86	15.72	-	-	18.80	30.00	-11.20
5825 (RU52.40)	15.79	15.96	-	-	18.88	30.00	-11.12

Table 205 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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 (%):	97.5
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.65
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5720 (RU52.40)	11.17	10.41	-	-	13.82	30.00	-16.18
5745 (RU52.37)	15.86	15.44	-	-	18.67	30.00	-11.33
5785 (RU52.37)	15.88	15.72	-	-	18.81	30.00	-11.19
5825 (RU52.40)	15.79	15.96	-	-	18.89	30.00	-11.11

Table 206 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.3.2.4 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 (%):	97.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.09
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5720 (RU106.54)	-	14.22	-	-	-	29.90	-15.68
5745 (RU106.53)	-	19.00	-	-	-	30.00	-11.00
5785 (RU106.53)	-	18.83	-	-	-	30.00	-11.17
5825 (RU106.54)	-	18.67	-	-	-	30.00	-11.33

Table 207 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.3.2.4 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 (%):	98.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.09
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.10
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5720 (RU106.54)	8.52	7.87	-	-	11.22	29.90	-18.68
5745 (RU106.53)	18.87	18.66	-	-	21.76	30.00	-8.24
5785 (RU106.53)	18.94	18.66	-	-	21.80	30.00	-8.20
5825 (RU106.54)	18.82	18.87	-	-	21.85	30.00	-8.15

Table 208 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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 (%):	97.9
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.65
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5720 (RU106.54)	11.56	11.02	-	-	14.31	30.00	-15.69
5745 (RU106.53)	18.86	18.69	-	-	21.78	30.00	-8.22
5785 (RU106.53)	18.94	18.66	-	-	21.81	30.00	-8.19
5825 (RU106.54)	18.78	18.82	-	-	21.80	30.00	-8.20

Table 209 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.3.2.4 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 (%):	93.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.30
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5710	-	10.50	-	-	-	29.90	-19.40
5755	-	20.88	-	-	-	30.00	-9.12
5795	-	20.72	-	-	-	30.00	-9.28

Table 210 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.3.2.4 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 (%):	93.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.30
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.10
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5710	5.74	5.71	-	-	8.74	29.90	-21.16
5755	20.90	20.70	-	-	23.81	30.00	-6.19
5795	20.95	20.56	-	-	23.77	30.00	-6.23

Table 211 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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 (%):	93.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.65
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5710	8.79	8.33	-	-	11.58	30.00	-18.42
5755	20.90	20.69	-	-	23.80	30.00	-6.20
5795	20.92	20.54	-	-	23.74	30.00	-6.26

Table 212 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.3.2.4 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 (%):	89.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.49
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5690	-	6.74	-	-	-	29.90	-23.16
5775	-	20.77	-	-	-	30.00	-9.23

Table 213 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.3.2.4 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 (%):	89.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.50
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.10
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5690	2.74	2.36	-	-	5.56	29.90	-24.34
5775	20.67	20.56	-	-	23.63	30.00	-6.37

Table 214 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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 (%):	89.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.65
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5690	6.24	5.18	-	-	8.75	30.00	-21.25
5775	21.00	20.78	-	-	23.90	30.00	-6.10

Table 215 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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:	802.11n HT20	Duty Cycle (%):	93.3
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.30
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	8.86
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5720	5.26	4.01	-	-	7.69	27.14	-19.45
5745	20.75	20.32	-	-	23.55	27.34	-3.79
5785	20.88	20.39	-	-	23.65	27.34	-3.69
5825	20.97	20.37	-	-	23.68	27.34	-3.66

Table 216 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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:	802.11n HT40	Duty Cycle (%):	92.6
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.33
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	8.86
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5710	4.11	3.33	-	-	6.75	27.14	-20.39
5755	20.89	20.35	-	-	23.63	27.34	-3.71
5795	20.73	20.36	-	-	23.55	27.34	-3.79

Table 217 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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:	802.11ac VHT80	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.31
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	8.86
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5690	1.01	-0.65	-	-	3.27	27.14	-23.87
5775	17.89	17.34	-	-	20.63	27.34	-6.71

Table 218 - Maximum Conducted (average) Output Power Results



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

Condition of Operation	Frequency Range (MHz)			
	5150-5250	5250-5350	5470-5725	5725-5850
Max Conducted TX Power	30 dBm (1W) for master device 24 dBm (250 mW) for client device	24 dBm (250 mW) or 11 dBm + 10 Log B, whichever is lower (B = 26 dB emission BW)		30 dBm (1 W)
Max EIRP	4W (36 dBm) with 6 dBi antenna 200 W (53 dBm) for fixed P-t-P application with 23 dBi antenna Additional rule for outdoor operation: Max_EIRP < 125 mW (21 dBm) at any elevation angle > 30° from horizon.	1 W (30 dBm) with 6 dBi antenna		4 W (36 dBm) with 6 dBi antenna. No EIRP limit for fixed P-t-P application (i.e. no antenna gain limit)

Table 219

ISED RSS-247, Limit Clause 6.2.1.1, 6.2.2.1, 6.2.3.1 and 6.2.4.1

Device	Frequency Range (MHz)			
	5150-5250	5250-5350	5470-5725	5725-5850
OEM installed in vehicles	30 mW or $1.76 + 10 \log_{10} B$, dBm (EIRP); whichever is less	30 mW or $1.76 + 10 \log_{10} B$, dBm (EIRP); whichever is less	-	-
Other	200 mW or $10 + 10 \log_{10} B$ dBm (EIRP); whichever is less	250 mW or $11 + 10 \log_{10} B$; whichever is less 1.0 W or $17 + 10 \log_{10} B$ dBm EIRP; whichever is less	250 mW or $11 + 10 \log_{10} B$; whichever is less 1.0 W or $17 + 10 \log_{10} B$ dBm EIRP; whichever is less	1W 4W EIRP

Table 220



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 Expires
Rubidium Standard	Rohde & Schwarz	XSRM	1316	6	03-Dec-2021
Multimeter	Iso-tech	IDM101	2421	12	30-Oct-2021
Hygrometer	Rotronic	I-1000	3220	12	16-Oct-2021
Frequency Standard	Spectracom	SecureSync 1200-0408-0601	4393	6	03-Dec-2021
Power splitter - 2 port	Mini-Circuits	ZN2PD-63-S+	4742	12	15-Jan-2022
Climatic Chamber	Aralab	FitoTerm 300E45	4823	12	12-Apr-2022
Cable (18 GHz)	Rosenberger	LU7-071-2000	5108	12	10-Dec-2021
USB Power Sensor	Boonton	RTP5006	5184	12	19-Apr-2022
USB Power Sensor	Boonton	RTP5006	5187	12	19-Apr-2022
AC Programmable Power Supply	iTech	IT7324	5225	-	O/P Mon
Power Splitter, 2 way	Mini-Circuits	ZN2PD2-63-S+	5239	-	O/P Mon
Attenuator 5W 20dB DC-18GHz	Aaren	AT40A-4041-D18-20	5498	12	10-May-2022
MXA Signal Analyser	Keysight Technologies	N9020B	5529	24	04-Mar-2022
Signal Commissioning Unit	TUV SUD	SCU001	5546	12	16-Apr-2022
Signal Commissioning Unit	TUV SUD	SCU002	5759	12	30-Jun-2022
Attenuator 2W 10dB DC-10GHz	Telegartner	J01156A0031	5576	-	O/P Mon
Attenuator 2W 10dB DC-10GHz	Telegartner	J01156A0031	5580	-	O/P Mon
Attenuator 2W 10dB DC-10GHz	Telegartner	J01156A0031	5581	-	O/P Mon
2-Way Power Divider (2-8 GHz)	Aaren	AT30A-TE0208-2-AF	5685	12	18-Dec-2021
2-Way Power Divider (2-8 GHz)	Aaren	AT30A-TE0208-2-AF	5687	12	18-Dec-2021
USB Power Sensor	Boonton	RTP5008	5830	12	10-May-2022
USB Power Sensor	Boonton	RTP5008	5832	12	10-May-2022

Table 221

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-247, Clause 6.2

2.3.2 Equipment Under Test and Modification State

A2485, S/N: CQ2R1P6HF2 - Modification State 0
A2485, S/N: F39CJV429M - Modification State 0

2.3.3 Date of Test

23-August-2021 to 20-September-2021

2.3.4 Test Method

The test was performed in accordance with ANSI C63.10, clause 12.6 and 12.4.2.

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).

Results for the U-NII-3 band were measured in a narrower bandwidth and integrated over 500 kHz using the spectrum analyzers channel power integration function.

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	21.3 - 22.9 °C
Relative Humidity	48.9 - 64.3 %



2.3.6 Test Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 (%):	97.6
Data Rate:	12 Mbps	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5180	7.88	-	-	-	-	9.70	-1.82
5200	7.95	-	-	-	-	9.70	-1.75
5240	8.39	-	-	-	-	9.70	-1.31

Table 222 - FCC Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180	0.85	-	-	-	-	8.15	10.00	-1.85
5200	0.78	-	-	-	-	8.08	10.00	-1.92
5240	0.95	-	-	-	-	8.25	10.00	-1.75

Table 223 - ISFD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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:	802.11n HT20	Duty Cycle (%):	96.6
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.15
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5180	7.78	-	-	-	-	9.70	-1.92
5200	7.41	-	-	-	-	9.70	-2.29
5240	7.80	-	-	-	-	9.70	-1.90

Table 224 - FCC Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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:	802.11n HT20	Duty Cycle (%):	96.8
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.14
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180	0.59	-	-	-	-	7.89	10.00	-2.11
5200	0.46	-	-	-	-	7.76	10.00	-2.24
5240	1.24	-	-	-	-	8.54	10.00	-1.46

Table 225 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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:	802.11n HT20	Duty Cycle (%):	96.8
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.14
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5180	2.57	2.48	-	-	5.54	7.36	-1.82
5200	2.30	2.27	-	-	5.30	7.36	-2.06
5240	2.73	2.83	-	-	5.79	7.36	-1.57

Table 226 - FCC Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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:	802.11n HT20	Duty Cycle (%):	96.6
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.15
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180	-4.50	-4.59	-	-	-1.54	8.10	10.00	-1.90
5200	-4.91	-5.00	-	-	-1.94	7.70	10.00	-2.30
5240	-4.46	-4.19	-	-	-1.31	8.33	10.00	-1.67

Table 227 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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:	802.11n HT20	Duty Cycle (%):	94.2
Modulation Coding Scheme:	MCS10	DCCF (dB):	0.26
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5180	5.61	5.32	-	-	8.48	10.34	-1.87
5200	5.03	5.33	-	-	8.19	10.34	-2.15
5240	5.31	5.34	-	-	8.34	10.34	-2.01

Table 228 - FCC Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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:	802.11n HT20	Duty Cycle (%):	94.6
Modulation Coding Scheme:	MCS10	DCCF (dB):	0.24
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180	-1.53	-1.43	-	-	1.53	8.19	10.00	-1.81
5200	-2.04	-1.88	-	-	1.05	7.70	10.00	-2.30
5240	-1.61	-1.29	-	-	1.56	8.22	10.00	-1.78

Table 229 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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:	802.11n HT40	Duty Cycle (%):	94.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.27
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5190	4.02	-	-	-	-	9.70	-5.68
5230	7.42	-	-	-	-	9.70	-2.28

Table 230 - FCC Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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:	802.11n HT40	Duty Cycle (%):	94.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.27
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5190	-0.18	-	-	-	-	7.12	10.00	-2.88
5230	0.61	-	-	-	-	7.91	10.00	-2.09

Table 231 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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:	802.11n HT40	Duty Cycle (%):	94.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.27
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5190	1.98	1.81	-	-	4.91	7.36	-2.45
5230	1.92	2.17	-	-	5.05	7.36	-2.31

Table 232 - FCC Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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:	802.11n HT40	Duty Cycle (%):	94.2
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.26
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5190	-5.21	-5.11	-	-	-2.15	7.49	10.00	-2.51
5230	-5.07	-4.81	-	-	-1.93	7.71	10.00	-2.29

Table 233 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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:	802.11n HT40	Duty Cycle (%):	90.1
Modulation Coding Scheme:	MCS10	DCCF (dB):	0.45
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5190	3.48	3.61	-	-	6.55	10.34	-3.79
5230	5.25	5.25	-	-	8.26	10.34	-2.09

Table 234 - FCC Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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:	802.11n HT40	Duty Cycle (%):	90.3
Modulation Coding Scheme:	MCS10	DCCF (dB):	0.44
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5190	-2.22	-2.09	-	-	0.86	7.51	10.00	-2.49
5230	-1.94	-1.75	-	-	1.17	7.83	10.00	-2.17

Table 235 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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:	802.11ac VHT80	Duty Cycle (%):	89.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.51
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5210	1.22	-	-	-	-	9.70	-8.48

Table 236 - FCC Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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:	802.11ac VHT80	Duty Cycle (%):	89.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.51
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5210	-1.93	-	-	-	-	5.37	10.00	-4.63

Table 237 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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:	802.11ac VHT80	Duty Cycle (%):	89.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.51
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5210	-0.84	-0.71	-	-	2.23	7.36	-5.13

Table 238 - FCC Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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:	802.11ac VHT80	Duty Cycle (%):	88.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.51
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5210	-6.93	-7.16	-	-	-4.03	5.61	10.00	-4.39

Table 239 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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:	802.11ac VHT80	Duty Cycle (%):	84.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.75
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5210	-1.13	-0.85	-	-	2.02	10.34	-8.32

Table 240 - FCC Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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:	802.11ac VHT80	Duty Cycle (%):	84.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.76
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5210	-4.02	-3.63	-	-	-0.81	5.85	10.00	-4.15

Table 241 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5180	6.08	-	-	-	-	9.70	-3.62
5200	5.71	-	-	-	-	9.70	-3.99
5240	6.22	-	-	-	-	9.70	-3.48

Table 242 - FCC Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180	-1.13	-	-	-	-	6.17	10.00	-3.83
5200	-1.42	-	-	-	-	5.88	10.00	-4.12
5240	-0.73	-	-	-	-	6.57	10.00	-3.43

Table 243 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5180	0.86	1.09	-	-	3.99	7.36	-3.38
5200	0.63	0.52	-	-	3.59	7.36	-3.78
5240	0.82	1.14	-	-	3.99	7.36	-3.37

Table 244 - FCC Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180	-6.29	-6.23	-	-	-3.25	6.39	10.00	-3.61
5200	-6.19	-6.51	-	-	-3.34	6.30	10.00	-3.70
5240	-6.58	-6.34	-	-	-3.45	6.19	10.00	-3.81

Table 245 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 (%):	95.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.18
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5180	3.79	3.61	-	-	6.71	10.34	-3.63
5200	3.31	3.58	-	-	6.46	10.34	-3.89
5240	3.92	3.72	-	-	6.83	10.34	-3.51

Table 246 - FCC Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 (%):	96.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.17
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180	-3.74	-3.40	-	-	-0.56	6.10	10.00	-3.90
5200	-3.51	-3.34	-	-	-0.41	6.24	10.00	-3.76
5240	-3.34	-3.21	-	-	-0.26	6.39	10.00	-3.61

Table 247 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 RU26	Duty Cycle (%):	97.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.11
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5180 (RU26.0)	6.88	-	-	-	-	9.70	-2.82
5200 (RU26.0)	6.85	-	-	-	-	9.70	-2.85
5240 (RU26.8)	6.92	-	-	-	-	9.70	-2.78

Table 248 - FCC Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 RU26	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180 (RU26.0)	-0.16	-	-	-	-	7.14	10.00	-2.86
5200 (RU26.0)	-0.55	-	-	-	-	6.75	10.00	-3.25
5240 (RU26.8)	0.29	-	-	-	-	7.59	10.00	-2.41

Table 249 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 RU26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5180 (RU26.0)	1.32	1.64	-	-	4.49	7.36	-2.87
5200 (RU26.0)	1.46	1.06	-	-	4.27	7.36	-3.09
5240 (RU26.8)	1.62	1.78	-	-	4.71	7.36	-2.65

Table 250 - FCC Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 RU26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.11
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180 (RU26.0)	-5.61	-5.93	-	-	-2.76	6.88	10.00	-3.12
5200 (RU26.0)	-6.11	-6.07	-	-	-3.08	6.56	10.00	-3.44
5240 (RU26.8)	-5.65	-6.21	-	-	-2.91	6.72	10.00	-3.28

Table 251 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 RU26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5180 (RU26.0)	4.50	4.73	-	-	7.62	10.34	-2.72
5200 (RU26.0)	4.25	4.50	-	-	7.39	10.34	-2.95
5240 (RU26.8)	4.92	4.85	-	-	7.90	10.34	-2.45

Table 252 - FCC Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 RU26	Duty Cycle (%):	97.5
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.11
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180 (RU26.0)	-2.48	-2.37	-	-	0.59	7.25	10.00	-2.75
5200 (RU26.0)	-2.47	-2.48	-	-	0.54	7.19	10.00	-2.81
5240 (RU26.8)	-2.26	-2.16	-	-	0.80	7.46	10.00	-2.54

Table 253 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 RU52	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5180 (RU52.37)	7.56	-	-	-	-	9.70	-2.14
5200 (RU52.37)	7.26	-	-	-	-	9.70	-2.44
5240 (RU52.40)	7.63	-	-	-	-	9.70	-2.07

Table 254 - FCC Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 RU52	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180 (RU52.37)	0.10	-	-	-	-	7.40	10.00	-2.60
5200 (RU52.37)	0.01	-	-	-	-	7.31	10.00	-2.69
5240 (RU52.40)	0.49	-	-	-	-	7.79	10.00	-2.21

Table 255 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 RU52	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5180 (RU52.37)	2.03	1.92	-	-	4.99	7.36	-2.38
5200 (RU52.37)	1.96	1.75	-	-	4.86	7.36	-2.50
5240 (RU52.40)	1.89	2.00	-	-	4.96	7.36	-2.41

Table 256 - FCC Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 RU52	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180 (RU52.37)	-5.31	-5.33	-	-	-2.31	7.33	10.00	-2.67
5200 (RU52.37)	-5.16	-4.94	-	-	-2.04	7.60	10.00	-2.40
5240 (RU52.40)	-5.03	-4.94	-	-	-1.98	7.66	10.00	-2.34

Table 257 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 RU52	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.13
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5180 (RU52.37)	4.85	5.21	-	-	8.05	10.34	-2.30
5200 (RU52.37)	4.72	5.07	-	-	7.91	10.34	-2.44
5240 (RU52.40)	5.11	5.20	-	-	8.17	10.34	-2.18

Table 258 - FCC Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 RU52	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180 (RU52.37)	-2.13	-1.86	-	-	1.01	7.67	10.00	-2.33
5200 (RU52.37)	-2.08	-2.08	-	-	0.93	7.58	10.00	-2.42
5240 (RU52.40)	-1.52	-1.80	-	-	1.35	8.01	10.00	-1.99

Table 259 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 RU106	Duty Cycle (%):	98.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.08
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5180 (RU106.53)	7.40	-	-	-	-	9.70	-2.30
5200 (RU106.53)	6.92	-	-	-	-	9.70	-2.78
5240 (RU106.54)	7.87	-	-	-	-	9.70	-1.83

Table 260 - FCC Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 RU106	Duty Cycle (%):	98.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.09
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180 (RU106.53)	0.16	-	-	-	-	7.46	10.00	-2.54
5200 (RU106.53)	0.30	-	-	-	-	7.60	10.00	-2.40
5240 (RU106.54)	0.52	-	-	-	-	7.82	10.00	-2.18

Table 261 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 RU106	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5180 (RU106.53)	1.74	1.94	-	-	4.85	7.36	-2.51
5200 (RU106.53)	1.77	1.97	-	-	4.88	7.36	-2.48
5240 (RU106.54)	2.28	1.84	-	-	5.07	7.36	-2.29

Table 262 - FCC Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 RU106	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180 (RU106.53)	-4.69	-5.12	-	-	-1.89	7.75	10.00	-2.25
5200 (RU106.53)	-5.18	-4.99	-	-	-2.08	7.56	10.00	-2.44
5240 (RU106.54)	-4.69	-4.63	-	-	-1.65	7.99	10.00	-2.01

Table 263 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 RU106	Duty Cycle (%):	98.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.08
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5180 (RU106.53)	5.03	5.11	-	-	8.08	10.34	-2.26
5200 (RU106.53)	4.95	4.84	-	-	7.91	10.34	-2.44
5240 (RU106.54)	5.27	5.01	-	-	8.15	10.34	-2.19

Table 264 - FCC Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 RU106	Duty Cycle (%):	98.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.08
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180 (RU106.53)	-1.76	-2.23	-	-	1.02	7.68	10.00	-2.32
5200 (RU106.53)	-2.18	-2.09	-	-	0.87	7.53	10.00	-2.47
5240 (RU106.54)	-1.73	-1.64	-	-	1.33	7.98	10.00	-2.02

Table 265 - ISSED Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 (%):	93.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.31
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5190	2.37	-	-	-	-	9.70	-7.33
5230	5.76	-	-	-	-	9.70	-3.94

Table 266 - FCC Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 (%):	93.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.31
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5190	-1.35	-	-	-	-	5.95	10.00	-4.05
5230	-1.01	-	-	-	-	6.29	10.00	-3.71

Table 267 - ISED Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 (%):	93.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.31
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5190	0.36	0.27	-	-	3.33	7.36	-4.03
5230	0.59	0.62	-	-	3.61	7.36	-3.75

Table 268 - FCC Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 (%):	93.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.31
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5190	-6.84	-6.49	-	-	-3.65	5.99	10.00	-4.01
5230	-6.52	-6.70	-	-	-3.60	6.04	10.00	-3.96

Table 269 - ISED Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 (%):	93.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.31
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5190	1.06	1.01	-	-	4.05	10.34	-6.30
5230	3.59	3.56	-	-	6.58	10.34	-3.76

Table 270 - FCC Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 (%):	93.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.31
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5190	-3.84	-3.62	-	-	-0.72	5.94	10.00	-4.06
5230	-3.52	-3.13	-	-	-0.31	6.35	10.00	-3.65

Table 271 - ISED Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 (%):	88.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.53
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5210	0.05	-	-	-	-	9.70	-9.65

Table 272 - FCC Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 (%):	88.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.53
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.30
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5210	-2.51	-	-	-	-	4.79	10.00	-5.21

Table 273 - ISSED Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 (%):	88.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.53
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5210	-2.34	-2.38	-	-	0.65	7.36	-6.71

Table 274 - FCC Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 (%):	88.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.53
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5210	-8.19	-8.07	-	-	-5.12	4.52	10.00	-5.48

Table 275 - ISED Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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 (%):	88.5
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.53
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5210	-2.18	-1.60	-	-	1.13	10.34	-9.21

Table 276 - FCC Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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 (%):	88.5
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.53
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5210	-5.16	-5.05	-	-	-2.09	4.56	10.00	-5.44

Table 277 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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:	802.11n HT20	Duty Cycle (%):	93.3
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.30
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5180	2.00	1.21	-	-	4.63	7.36	-2.73
5200	2.33	1.23	-	-	4.82	7.36	-2.54
5240	2.29	0.89	-	-	4.66	7.36	-2.70

Table 278 - FCC Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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:	802.11n HT20	Duty Cycle (%):	93.5
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.29
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180	-4.99	-6.25	-	-	-2.56	7.08	10.00	-2.92
5200	-4.97	-6.10	-	-	-2.49	7.15	10.00	-2.85
5240	-4.63	-5.81	-	-	-2.17	7.47	10.00	-2.53

Table 279 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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:	802.11n HT40	Duty Cycle (%):	93.2
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.31
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5190	1.73	0.50	-	-	4.17	7.36	-3.19
5230	1.60	0.40	-	-	4.05	7.36	-3.31

Table 280 - FCC Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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:	802.11n HT40	Duty Cycle (%):	93.1
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.31
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5190	-5.37	-6.58	-	-	-2.92	6.72	10.00	-3.28
5230	-5.11	-6.28	-	-	-2.64	7.00	10.00	-3.00

Table 281 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	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:	802.11ac VHT80	Duty Cycle (%):	93.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.27
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5210	1.09	-0.30	-	-	3.46	7.36	-3.90

Table 282 - FCC Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	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:	802.11ac VHT80	Duty Cycle (%):	91.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.38
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.64
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
5210	-7.20	-8.63	-	-	-4.84	4.79	10.00	-5.21

Table 283 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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 (%):	97.6
Data Rate:	12 Mbps	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.80
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260	-	8.72	-	-	-	10.20	-1.48
5280	-	8.86	-	-	-	10.20	-1.34
5320	-	8.12	-	-	-	10.20	-2.08

Table 284 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5260	-	8.72	-	-	-	11.00	-2.28
5280	-	8.86	-	-	-	11.00	-2.14
5320	-	8.12	-	-	-	11.00	-2.88

Table 285 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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:	802.11n HT20	Duty Cycle (%):	96.6
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.15
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.80
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260	-	8.29	-	-	-	10.20	-1.91
5280	-	8.53	-	-	-	10.20	-1.67
5320	-	7.99	-	-	-	10.20	-2.21

Table 286 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5260	-	8.29	-	-	-	11.00	-2.71
5280	-	8.53	-	-	-	11.00	-2.47
5320	-	7.99	-	-	-	11.00	-3.01

Table 287 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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:	802.11n HT20	Duty Cycle (%):	96.6
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.15
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.32
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260	2.89	2.78	-	-	5.85	7.68	-1.83
5280	2.98	2.60	-	-	5.80	7.68	-1.87
5320	2.67	2.15	-	-	5.43	7.68	-2.25

Table 288 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5260	2.89	2.78	-	-	5.85	11.00	-5.15
5280	2.98	2.60	-	-	5.80	11.00	-5.20
5320	2.67	2.15	-	-	5.43	11.00	-5.57

Table 289 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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:	802.11n HT20	Duty Cycle (%):	94.2
Modulation Coding Scheme:	MCS10	DCCF (dB):	0.26
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.33
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260	5.91	6.01	-	-	8.97	10.67	-1.70
5280	5.99	5.83	-	-	8.92	10.67	-1.75
5320	5.31	5.44	-	-	8.39	10.67	-2.28

Table 290 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5260	5.91	6.01	-	-	8.97	11.00	-2.03
5280	5.99	5.83	-	-	8.92	11.00	-2.08
5320	5.31	5.44	-	-	8.39	11.00	-2.61

Table 291 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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:	802.11n HT40	Duty Cycle (%):	94.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.27
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.80
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5270	-	7.33	-	-	-	10.20	-2.87
5310	-	1.87	-	-	-	10.20	-8.33

Table 292 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5270	-	7.33	-	-	-	11.00	-3.67
5310	-	1.87	-	-	-	11.00	-9.13

Table 293 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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:	802.11n HT40	Duty Cycle (%):	94.3
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.25
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.32
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5270	2.36	2.45	-	-	5.42	7.68	-2.26
5310	0.73	0.75	-	-	3.75	7.68	-3.92

Table 294 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5270	2.36	2.45	-	-	5.42	11.00	-5.58
5310	0.73	0.75	-	-	3.75	11.00	-7.25

Table 295 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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:	802.11n HT40	Duty Cycle (%):	90.1
Modulation Coding Scheme:	MCS10	DCCF (dB):	0.45
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.33
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5270	5.21	5.57	-	-	8.40	10.67	-2.27
5310	0.71	1.02	-	-	3.88	10.67	-6.79

Table 296 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5270	5.21	5.57	-	-	8.40	11.00	-2.60
5310	0.71	1.02	-	-	3.88	11.00	-7.12

Table 297 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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:	802.11ac VHT80	Duty Cycle (%):	89.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.51
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.80
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5290	-	-2.16	-	-	-	10.20	-12.36

Table 298 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5290	-	-2.16	-	-	-	11.00	-13.16

Table 299 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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:	802.11ac VHT80	Duty Cycle (%):	89.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.51
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.32
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5290	-4.02	-3.43	-	-	-0.71	7.68	-8.38

Table 300 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5290	-4.02	-3.43	-	-	-0.71	11.00	-11.71

Table 301 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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:	802.11ac VHT80	Duty Cycle (%):	84.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.76
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.33
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5290	-3.80	-3.09	-	-	-0.42	10.67	-11.09

Table 302 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5290	-3.80	-3.09	-	-	-0.42	11.00	-11.42

Table 303 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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 (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.80
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260	-	6.77	-	-	-	10.20	-3.43
5280	-	6.90	-	-	-	10.20	-3.30
5320	-	6.32	-	-	-	10.20	-3.88

Table 304 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5260	-	6.77	-	-	-	11.00	-4.23
5280	-	6.90	-	-	-	11.00	-4.10
5320	-	6.32	-	-	-	11.00	-4.68

Table 305 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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):	9.32
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260	1.08	1.05	-	-	4.08	7.68	-3.60
5280	1.49	1.32	-	-	4.41	7.68	-3.26
5320	0.91	0.95	-	-	3.94	7.68	-3.74

Table 306 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5260	1.08	1.05	-	-	4.08	11.00	-6.92
5280	1.49	1.32	-	-	4.41	11.00	-6.59
5320	0.91	0.95	-	-	3.94	11.00	-7.06

Table 307 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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 (%):	95.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.18
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.33
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260	4.17	4.08	-	-	7.13	10.67	-3.54
5280	4.41	4.29	-	-	7.36	10.67	-3.31
5320	3.96	3.65	-	-	6.82	10.67	-3.85

Table 308 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5260	4.17	4.08	-	-	7.13	11.00	-3.87
5280	4.41	4.29	-	-	7.36	11.00	-3.64
5320	3.96	3.65	-	-	6.82	11.00	-4.18

Table 309 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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 RU52	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.80
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260 (RU52.37)	-	7.95	-	-	-	10.20	-2.25
5280 (RU52.37)	-	7.98	-	-	-	10.20	-2.22
5320 (RU52.40)	-	7.43	-	-	-	10.20	-2.77

Table 310 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5260 (RU52.37)	-	7.95	-	-	-	11.00	-3.05
5280 (RU52.37)	-	7.98	-	-	-	11.00	-3.02
5320 (RU52.40)	-	7.43	-	-	-	11.00	-3.57

Table 311 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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 RU52	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.32
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260 (RU52.37)	2.72	2.65	-	-	5.70	7.68	-1.98
5280 (RU52.37)	2.57	2.92	-	-	5.76	7.68	-1.92
5320 (RU52.40)	2.04	2.19	-	-	5.12	7.68	-2.55

Table 312 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5260 (RU52.37)	2.72	2.65	-	-	5.70	11.00	-5.30
5280 (RU52.37)	2.57	2.92	-	-	5.76	11.00	-5.24
5320 (RU52.40)	2.04	2.19	-	-	5.12	11.00	-5.88

Table 313 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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 RU52	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.33
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260 (RU52.37)	5.35	5.06	-	-	8.21	10.67	-2.46
5280 (RU52.37)	5.52	5.64	-	-	8.59	10.67	-2.08
5320 (RU52.40)	4.98	5.25	-	-	8.13	10.67	-2.54

Table 314 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5260 (RU52.37)	5.35	5.06	-	-	8.21	11.00	-2.79
5280 (RU52.37)	5.52	5.64	-	-	8.59	11.00	-2.41
5320 (RU52.40)	4.98	5.25	-	-	8.13	11.00	-2.87

Table 315 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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 RU106	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.80
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260 (RU106.53)	-	8.30	-	-	-	10.20	-1.90
5280 (RU106.53)	-	8.31	-	-	-	10.20	-1.89
5320 (RU106.54)	-	7.61	-	-	-	10.20	-2.59

Table 316 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5260 (RU106.53)	-	8.30	-	-	-	11.00	-2.70
5280 (RU106.53)	-	8.31	-	-	-	11.00	-2.69
5320 (RU106.54)	-	7.61	-	-	-	11.00	-3.39

Table 317 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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 RU106	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.09
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.32
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260 (RU106.53)	2.51	2.41	-	-	5.47	7.68	-2.21
5280 (RU106.53)	2.75	2.95	-	-	5.86	7.68	-1.81
5320 (RU106.54)	1.91	2.17	-	-	5.05	7.68	-2.63

Table 318 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5260 (RU106.53)	2.51	2.41	-	-	5.47	11.00	-5.53
5280 (RU106.53)	2.75	2.95	-	-	5.86	11.00	-5.14
5320 (RU106.54)	1.91	2.17	-	-	5.05	11.00	-5.95

Table 319 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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 RU106	Duty Cycle (%):	98.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.09
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.33
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260 (RU106.53)	5.65	5.25	-	-	8.47	10.67	-2.20
5280 (RU106.53)	5.43	5.68	-	-	8.57	10.67	-2.10
5320 (RU106.54)	5.35	4.63	-	-	8.02	10.67	-2.66

Table 320 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5260 (RU106.53)	5.65	5.25	-	-	8.47	11.00	-2.53
5280 (RU106.53)	5.43	5.68	-	-	8.57	11.00	-2.43
5320 (RU106.54)	5.35	4.63	-	-	8.02	11.00	-2.98

Table 321 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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 (%):	93.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.31
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.80
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5270	-	5.39	-	-	-	10.20	-4.81
5310	-	0.55	-	-	-	10.20	-9.65

Table 322 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5270	-	5.39	-	-	-	11.00	-5.61
5310	-	0.55	-	-	-	11.00	-10.45

Table 323 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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 (%):	93.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.31
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.32
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5270	0.89	1.10	-	-	4.01	7.68	-3.67
5310	-1.57	-1.51	-	-	1.47	7.68	-6.20

Table 324 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5270	0.89	1.10	-	-	4.01	11.00	-6.99
5310	-1.57	-1.51	-	-	1.47	11.00	-9.53

Table 325 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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 (%):	93.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.31
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.33
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5270	4.17	4.35	-	-	7.27	10.67	-3.40
5310	-1.49	-1.24	-	-	1.64	10.67	-9.03

Table 326 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5270	4.17	4.35	-	-	7.27	11.00	-3.73
5310	-1.49	-1.24	-	-	1.64	11.00	-9.36

Table 327 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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 (%):	88.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.53
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.80
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5290	-	-4.24	-	-	-	10.20	-14.44

Table 328 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5290	-	-4.24	-	-	-	11.00	-15.24

Table 329 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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 (%):	88.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.53
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.32
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5290	-5.26	-4.65	-	-	-1.93	7.68	-9.61

Table 330 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5290	-5.26	-4.65	-	-	-1.93	11.00	-12.93

Table 331 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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 (%):	88.5
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.53
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.33
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5290	-4.59	-4.13	-	-	-1.35	10.67	-12.02

Table 332 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5290	-4.59	-4.13	-	-	-1.35	11.00	-12.35

Table 333 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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:	802.11n HT20	Duty Cycle (%):	93.1
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.31
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.32
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260	2.78	1.26	-	-	5.10	7.68	-2.58
5280	2.27	0.90	-	-	4.65	7.68	-3.03
5320	2.78	1.39	-	-	5.15	7.68	-2.52

Table 334 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5260	2.78	1.26	-	-	5.10	11.00	-5.90
5280	2.27	0.90	-	-	4.65	11.00	-6.35
5320	2.78	1.39	-	-	5.15	11.00	-5.85

Table 335 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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:	802.11n HT40	Duty Cycle (%):	93.3
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.30
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.32
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5270	2.38	0.67	-	-	4.62	7.68	-3.06
5310	1.06	-0.75	-	-	3.26	7.68	-4.41

Table 336 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5270	2.38	0.67	-	-	4.62	11.00	-6.38
5310	1.06	-0.75	-	-	3.26	11.00	-7.74

Table 337 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	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:	802.11ac VHT80	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.32
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.32
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5290	-5.09	-5.85	-	-	-2.44	7.68	-10.11

Table 338 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5290	-5.09	-5.85	-	-	-2.44	11.00	-13.44

Table 339 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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 (%):	97.6
Data Rate:	12 Mbps	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5500	-	8.42	-	-	-	10.90	-2.48
5580	-	9.21	-	-	-	10.90	-1.69
5700	-	8.97	-	-	-	10.90	-1.93
5720	-	9.25	-	-	-	10.90	-1.65

Table 340 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5500	-	8.42	-	-	-	11.00	-2.58
5580	-	9.21	-	-	-	11.00	-1.79
5700	-	8.97	-	-	-	11.00	-2.03
5720	-	9.25	-	-	-	11.00	-1.75

Table 341 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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:	802.11n HT20	Duty Cycle (%):	96.6
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.15
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5500	-	8.53	-	-	-	10.90	-2.37
5580	-	8.95	-	-	-	10.90	-1.95
5700	-	8.35	-	-	-	10.90	-2.55
5720	-	9.17	-	-	-	10.90	-1.73

Table 342 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5500	-	8.53	-	-	-	11.00	-2.47
5580	-	8.95	-	-	-	11.00	-2.05
5700	-	8.35	-	-	-	11.00	-2.65
5720	-	9.17	-	-	-	11.00	-1.83

Table 343 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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:	802.11n HT20	Duty Cycle (%):	96.6
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.15
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.77
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5500	3.05	2.76	-	-	5.92	8.23	-2.32
5580	3.38	2.84	-	-	6.13	8.23	-2.10
5700	3.01	3.19	-	-	6.11	8.23	-2.12
5720	3.11	2.84	-	-	5.99	8.23	-2.25

Table 344 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5500	3.05	2.76	-	-	5.92	11.00	-5.08
5580	3.38	2.84	-	-	6.13	11.00	-4.87
5700	3.01	3.19	-	-	6.11	11.00	-4.89
5720	3.11	2.84	-	-	5.99	11.00	-5.01

Table 345 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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:	802.11n HT20	Duty Cycle (%):	94.2
Modulation Coding Scheme:	MCS10	DCCF (dB):	0.26
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.76
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5500	5.84	5.70	-	-	8.78	11.00	-2.22
5580	6.33	5.80	-	-	9.08	11.00	-1.92
5700	5.92	5.66	-	-	8.80	11.00	-2.20
5720	6.27	5.88	-	-	9.09	11.00	-1.91

Table 346 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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:	802.11n HT40	Duty Cycle (%):	94.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.27
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5510	-	3.46	-	-	-	10.90	-7.44
5550	-	7.30	-	-	-	10.90	-3.60
5670	-	6.55	-	-	-	10.90	-4.35
5710	-	7.20	-	-	-	10.90	-3.70

Table 347 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5510	-	3.46	-	-	-	11.00	-7.54
5550	-	7.30	-	-	-	11.00	-3.70
5670	-	6.55	-	-	-	11.00	-4.45
5710	-	7.20	-	-	-	11.00	-3.80

Table 348 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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:	802.11n HT40	Duty Cycle (%):	94.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.27
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.77
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5510	2.19	1.93	-	-	5.07	8.23	-3.16
5550	2.64	2.41	-	-	5.54	8.23	-2.69
5670	2.82	2.40	-	-	5.63	8.23	-2.61
5710	2.52	2.59	-	-	5.56	8.23	-2.67

Table 349 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5510	2.19	1.93	-	-	5.07	11.00	-5.93
5550	2.64	2.41	-	-	5.54	11.00	-5.46
5670	2.82	2.40	-	-	5.63	11.00	-5.37
5710	2.52	2.59	-	-	5.56	11.00	-5.44

Table 350 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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:	802.11n HT40	Duty Cycle (%):	90.1
Modulation Coding Scheme:	MCS10	DCCF (dB):	0.45
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.76
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5510	2.72	2.44	-	-	5.59	11.00	-5.41
5550	5.71	5.27	-	-	8.51	11.00	-2.49
5670	5.71	5.30	-	-	8.52	11.00	-2.48
5710	5.65	5.79	-	-	8.73	11.00	-2.27

Table 351 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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:	802.11ac VHT80	Duty Cycle (%):	89.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.51
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5530	-	-1.10	-	-	-	10.90	-12.00
5610	-	4.61	-	-	-	10.90	-6.29
5690	-	4.84	-	-	-	10.90	-6.06

Table 352 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5530	-	-1.10	-	-	-	11.00	-12.10
5610	-	4.61	-	-	-	11.00	-6.39
5690	-	4.84	-	-	-	11.00	-6.16

Table 353 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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:	802.11ac VHT80	Duty Cycle (%):	88.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.51
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.77
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5530	-2.35	-2.58	-	-	0.54	8.23	-7.69
5610	0.79	0.35	-	-	3.59	8.23	-4.65
5690	0.69	0.50	-	-	3.61	8.23	-4.62

Table 354 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5530	-2.35	-2.58	-	-	0.54	11.00	-10.46
5610	0.79	0.35	-	-	3.59	11.00	-7.41
5690	0.69	0.50	-	-	3.61	11.00	-7.39

Table 355 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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:	802.11ac VHT80	Duty Cycle (%):	84.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.75
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.76
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5530	-2.47	-2.21	-	-	0.67	11.00	-10.33
5610	3.74	3.42	-	-	6.59	11.00	-4.41
5690	3.57	3.42	-	-	6.50	11.00	-4.50

Table 356 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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 (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5500	-	5.93	-	-	-	10.90	-4.97
5580	-	7.28	-	-	-	10.90	-3.62
5700	-	4.23	-	-	-	10.90	-6.67
5720	-	7.38	-	-	-	10.90	-3.52

Table 357 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5500	-	5.93	-	-	-	11.00	-5.07
5580	-	7.28	-	-	-	11.00	-3.72
5700	-	4.23	-	-	-	11.00	-6.77
5720	-	7.38	-	-	-	11.00	-3.62

Table 358 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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 (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.77
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5500	1.00	0.43	-	-	3.73	8.23	-4.50
5580	1.88	1.14	-	-	4.54	8.23	-3.69
5700	1.38	0.73	-	-	4.08	8.23	-4.16
5720	1.83	1.29	-	-	4.58	8.23	-3.66

Table 359 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5500	1.00	0.43	-	-	3.73	11.00	-7.27
5580	1.88	1.14	-	-	4.54	11.00	-6.46
5700	1.38	0.73	-	-	4.08	11.00	-6.92
5720	1.83	1.29	-	-	4.58	11.00	-6.42

Table 360 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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 (%):	95.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.18
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.76
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5500	4.18	3.40	-	-	6.81	11.00	-4.19
5580	4.50	4.15	-	-	7.34	11.00	-3.66
5700	4.19	3.89	-	-	7.05	11.00	-3.95
5720	4.86	4.23	-	-	7.57	11.00	-3.43

Table 361 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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 RU52	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5500 (RU52.37)	-	8.28	-	-	-	10.90	-2.62
5580 (RU52.37)	-	8.49	-	-	-	10.90	-2.41
5700 (RU52.40)	-	8.40	-	-	-	10.90	-2.50
5720 (RU52.40)	-	-0.52	-	-	-	10.90	-11.42

Table 362 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5500 (RU52.37)	-	8.28	-	-	-	11.00	-2.72
5580 (RU52.37)	-	8.49	-	-	-	11.00	-2.51
5700 (RU52.40)	-	8.40	-	-	-	11.00	-2.60
5720 (RU52.40)	-	-0.52	-	-	-	11.00	-11.52

Table 363 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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 RU52	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.77
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5500 (RU52.37)	2.42	1.69	-	-	5.08	8.23	-3.15
5580 (RU52.37)	2.79	3.29	-	-	6.06	8.23	-2.18
5700 (RU52.40)	2.74	2.02	-	-	5.40	8.23	-2.83
5720 (RU52.40)	-6.96	-7.49	-	-	-4.21	8.23	-12.44

Table 364 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5500 (RU52.37)	2.42	1.69	-	-	5.08	11.00	-5.92
5580 (RU52.37)	2.79	3.29	-	-	6.06	11.00	-4.94
5700 (RU52.40)	2.74	2.02	-	-	5.40	11.00	-5.60
5720 (RU52.40)	-6.96	-7.49	-	-	-4.21	11.00	-15.21

Table 365 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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 RU52	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.76
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5500 (RU52.37)	5.59	5.14	-	-	8.38	11.00	-2.62
5580 (RU52.37)	5.72	5.59	-	-	8.66	11.00	-2.34
5700 (RU52.40)	5.51	5.21	-	-	8.37	11.00	-2.63
5720 (RU52.40)	-3.32	-5.36	-	-	-1.21	11.00	-12.21

Table 366 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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 RU106	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5500 (RU106.53)	-	7.94	-	-	-	10.90	-2.96
5580 (RU106.53)	-	9.23	-	-	-	10.90	-1.67
5700 (RU106.54)	-	8.41	-	-	-	10.90	-2.49
5720 (RU106.54)	-	8.58	-	-	-	10.90	-2.32

Table 367 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5500 (RU106.53)	-	7.94	-	-	-	11.00	-3.06
5580 (RU106.53)	-	9.23	-	-	-	11.00	-1.77
5700 (RU106.54)	-	8.41	-	-	-	11.00	-2.59
5720 (RU106.54)	-	8.58	-	-	-	11.00	-2.42

Table 368 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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 RU106	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.09
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.77
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5500 (RU106.53)	2.89	2.51	-	-	5.71	8.23	-2.52
5580 (RU106.53)	3.05	2.93	-	-	6.00	8.23	-2.23
5700 (RU106.54)	2.84	2.18	-	-	5.53	8.23	-2.70
5720 (RU106.54)	2.75	2.29	-	-	5.54	8.23	-2.69

Table 369 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5500 (RU106.53)	2.89	2.51	-	-	5.71	11.00	-5.29
5580 (RU106.53)	3.05	2.93	-	-	6.00	11.00	-5.00
5700 (RU106.54)	2.84	2.18	-	-	5.53	11.00	-5.47
5720 (RU106.54)	2.75	2.29	-	-	5.54	11.00	-5.46

Table 370 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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 RU106	Duty Cycle (%):	98.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.09
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.76
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5500 (RU106.53)	5.59	4.98	-	-	8.31	11.00	-2.69
5580 (RU106.53)	6.09	5.95	-	-	9.03	11.00	-1.97
5700 (RU106.54)	5.92	5.24	-	-	8.60	11.00	-2.40
5720 (RU106.54)	5.82	5.37	-	-	8.61	11.00	-2.39

Table 371 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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 (%):	93.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.31
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5510	-	2.11	-	-	-	10.90	-8.79
5550	-	4.33	-	-	-	10.90	-6.57
5670	-	4.28	-	-	-	10.90	-6.62
5710	-	5.84	-	-	-	10.90	-5.06

Table 372 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5510	-	2.11	-	-	-	11.00	-8.89
5550	-	4.33	-	-	-	11.00	-6.67
5670	-	4.28	-	-	-	11.00	-6.72
5710	-	5.84	-	-	-	11.00	-5.16

Table 373 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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 (%):	93.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.31
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.77
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5510	-0.52	-0.81	-	-	2.34	8.23	-5.89
5550	1.41	0.75	-	-	4.11	8.23	-4.13
5670	1.11	0.67	-	-	3.91	8.23	-4.33
5710	1.09	1.43	-	-	4.27	8.23	-3.96

Table 374 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5510	-0.52	-0.81	-	-	2.34	11.00	-8.66
5550	1.41	0.75	-	-	4.11	11.00	-6.89
5670	1.11	0.67	-	-	3.91	11.00	-7.09
5710	1.09	1.43	-	-	4.27	11.00	-6.73

Table 375 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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 (%):	93.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.31
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.76
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5510	-0.12	-0.55	-	-	2.68	11.00	-8.32
5550	4.20	3.85	-	-	7.04	11.00	-3.96
5670	3.48	3.21	-	-	6.36	11.00	-4.64
5710	4.37	3.90	-	-	7.15	11.00	-3.85

Table 376 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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 (%):	88.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.53
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5530	-	-2.84	-	-	-	10.90	-13.74
5690	-	3.62	-	-	-	10.90	-7.28

Table 377 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5530	-	-2.84	-	-	-	11.00	-13.84
5690	-	3.62	-	-	-	11.00	-7.38

Table 378 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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 (%):	88.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.53
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.77
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5530	-4.10	-4.32	-	-	-1.20	8.23	-9.43
5690	-0.53	-0.77	-	-	2.36	8.23	-5.87

Table 379 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5530	-4.10	-4.32	-	-	-1.20	11.00	-12.20
5690	-0.53	-0.77	-	-	2.36	11.00	-8.64

Table 380 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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 (%):	88.5
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.53
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.76
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5530	-3.65	-3.69	-	-	-0.66	11.00	-11.66
5690	2.54	2.18	-	-	5.37	11.00	-5.63

Table 381 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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:	802.11n HT20	Duty Cycle (%):	93.2
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.31
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	8.77
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5500	3.12	1.06	-	-	5.22	8.23	-3.01
5580	3.09	1.44	-	-	5.35	8.23	-2.88
5700	2.94	1.46	-	-	5.27	8.23	-2.96
5720	3.14	1.42	-	-	5.38	8.23	-2.85

Table 382 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5500	3.12	1.06	-	-	5.22	11.00	-5.78
5580	3.09	1.44	-	-	5.35	11.00	-5.65
5700	2.94	1.46	-	-	5.27	11.00	-5.73
5720	3.14	1.42	-	-	5.38	11.00	-5.62

Table 383 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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:	802.11n HT40	Duty Cycle (%):	93.2
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.31
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	8.77
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5510	0.65	-0.94	-	-	2.94	8.23	-5.30
5550	2.27	0.78	-	-	4.60	8.23	-3.63
5670	2.53	1.31	-	-	4.97	8.23	-3.26
5710	2.95	2.14	-	-	5.57	8.23	-2.66

Table 384 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5510	0.65	-0.94	-	-	2.94	11.00	-8.06
5550	2.27	0.78	-	-	4.60	11.00	-6.40
5670	2.53	1.31	-	-	4.97	11.00	-6.03
5710	2.95	2.14	-	-	5.57	11.00	-5.43

Table 385 - ISSED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	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:	802.11ac VHT80	Duty Cycle (%):	93.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.29
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	8.77
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5530	-3.50	-4.55	-	-	-0.98	8.23	-9.21
5610	0.35	-0.68	-	-	2.88	8.23	-5.35
5690	0.45	-0.47	-	-	3.03	8.23	-5.21

Table 386 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5530	-3.50	-4.55	-	-	-0.98	11.00	-11.98
5610	0.35	-0.68	-	-	2.88	11.00	-8.12
5690	0.45	-0.47	-	-	3.03	11.00	-7.97

Table 387 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5720	-	4.03	-	-	-	29.90	-25.87
5745	-	7.96	-	-	-	30.00	-22.04
5785	-	7.71	-	-	-	30.00	-22.29
5825	-	7.51	-	-	-	30.00	-22.49

Table 388 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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:	802.11n HT20	Duty Cycle (%):	96.8
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.14
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5720	-	4.05	-	-	-	29.90	-25.85
5745	-	7.60	-	-	-	30.00	-22.40
5785	-	7.60	-	-	-	30.00	-22.40
5825	-	7.71	-	-	-	30.00	-22.29

Table 389 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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:	802.11n HT20	Duty Cycle (%):	96.8
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.14
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.86
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5720	-1.72	-2.12	-	-	1.10	27.14	-26.04
5745	7.65	6.89	-	-	10.29	27.34	-17.05
5785	7.41	7.41	-	-	10.42	27.34	-16.92
5825	7.70	7.60	-	-	10.66	27.34	-16.68

Table 390 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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:	802.11n HT20	Duty Cycle (%):	94.5
Modulation Coding Scheme:	MCS10	DCCF (dB):	0.24
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.86
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5720	1.22	1.07	-	-	4.15	30.00	-25.85
5745	7.59	7.15	-	-	10.38	30.00	-19.62
5785	7.25	7.52	-	-	10.40	30.00	-19.60
5825	7.83	7.49	-	-	10.67	30.00	-19.33

Table 391 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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:	802.11n HT40	Duty Cycle (%):	94.2
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.26
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5710	-	1.14	-	-	-	29.90	-28.76
5755	-	4.61	-	-	-	30.00	-25.39
5795	-	4.55	-	-	-	30.00	-25.45

Table 392 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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:	802.11n HT40	Duty Cycle (%):	94.2
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.26
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.86
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5710	-3.68	-3.73	-	-	-0.70	27.14	-27.83
5755	4.51	4.37	-	-	7.45	27.34	-19.89
5795	4.82	4.07	-	-	7.47	27.34	-19.87

Table 393 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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:	802.11n HT40	Duty Cycle (%):	90.4
Modulation Coding Scheme:	MCS10	DCCF (dB):	0.44
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.86
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5710	0.06	-0.17	-	-	2.96	30.00	-27.04
5755	4.80	4.49	-	-	7.66	30.00	-22.34
5795	4.79	4.16	-	-	7.50	30.00	-22.50

Table 394 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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:	802.11ac VHT80	Duty Cycle (%):	89.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.47
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5690	-	-2.84	-	-	-	29.90	-32.74
5775	-	1.60	-	-	-	30.00	-28.40

Table 395 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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:	802.11ac VHT80	Duty Cycle (%):	89.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.47
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.86
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5690	-6.51	-7.07	-	-	-3.77	27.14	-30.91
5775	2.40	1.99	-	-	5.21	27.34	-22.13

Table 396 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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:	802.11ac VHT80	Duty Cycle (%):	85.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.70
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.86
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5690	-3.02	-3.74	-	-	-0.35	30.00	-30.35
5775	2.25	2.19	-	-	5.23	30.00	-24.77

Table 397 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5720	-	4.10	-	-	-	29.90	-25.80
5745	-	6.32	-	-	-	30.00	-23.68
5785	-	6.30	-	-	-	30.00	-23.70
5825	-	6.07	-	-	-	30.00	-23.93

Table 398 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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):	8.86
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5720	-1.31	-2.02	-	-	1.36	27.14	-25.77
5745	6.04	5.43	-	-	8.76	27.34	-18.58
5785	5.98	5.77	-	-	8.89	27.34	-18.45
5825	5.97	5.96	-	-	8.98	27.34	-18.36

Table 399 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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 (%):	96.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.17
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.65
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5720	1.46	0.93	-	-	4.21	30.00	-25.79
5745	6.43	5.62	-	-	9.05	30.00	-20.95
5785	5.85	5.86	-	-	8.86	30.00	-21.14
5825	6.03	6.00	-	-	9.02	30.00	-20.98

Table 400 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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 RU26	Duty Cycle (%):	97.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5745 (RU26.0)	-	7.62	-	-	-	30.00	-22.38
5785 (RU26.0)	-	7.09	-	-	-	30.00	-22.91
5825 (RU26.8)	-	7.17	-	-	-	30.00	-22.83

Table 401 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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 RU26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.66
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5745 (RU26.0)	7.26	7.11	-	-	10.20	27.34	-17.14
5785 (RU26.0)	7.26	6.96	-	-	10.12	27.34	-17.22
5825 (RU26.8)	7.39	7.19	-	-	10.30	27.34	-17.04

Table 402 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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 RU26	Duty Cycle (%):	97.6
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.11
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.65
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5745 (RU26.0)	7.53	7.13	-	-	10.35	30.00	-19.65
5785 (RU26.0)	7.36	7.01	-	-	10.20	30.00	-19.80
5825 (RU26.8)	6.93	7.10	-	-	10.02	30.00	-19.98

Table 403 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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 RU52	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5720 (RU52.40)	-	5.71	-	-	-	29.90	-24.19
5745 (RU52.37)	-	7.25	-	-	-	30.00	-22.75
5785 (RU52.37)	-	7.62	-	-	-	30.00	-22.38
5825 (RU52.40)	-	7.42	-	-	-	30.00	-22.58

Table 404 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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 RU52	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.86
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5720 (RU52.40)	-0.10	-0.58	-	-	2.68	27.14	-24.46
5745 (RU52.37)	7.58	7.18	-	-	10.39	27.34	-16.94
5785 (RU52.37)	7.46	7.05	-	-	10.27	27.34	-17.07
5825 (RU52.40)	7.62	7.38	-	-	10.51	27.34	-16.83

Table 405 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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 RU52	Duty Cycle (%):	97.5
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.11
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.65
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5720 (RU52.40)	2.91	2.14	-	-	5.55	30.00	-24.45
5745 (RU52.37)	7.93	7.37	-	-	10.67	30.00	-19.33
5785 (RU52.37)	7.52	7.22	-	-	10.38	30.00	-19.62
5825 (RU52.40)	7.46	7.40	-	-	10.44	30.00	-19.56

Table 406 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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 RU106	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.09
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5720 (RU106.54)	-	5.55	-	-	-	29.90	-24.35
5745 (RU106.53)	-	8.08	-	-	-	30.00	-21.92
5785 (RU106.53)	-	7.39	-	-	-	30.00	-22.61
5825 (RU106.54)	-	7.23	-	-	-	30.00	-22.77

Table 407 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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 RU106	Duty Cycle (%):	98.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.09
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.86
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5720 (RU106.54)	0.18	-0.94	-	-	2.67	27.14	-24.47
5745 (RU106.53)	7.83	7.04	-	-	10.47	27.34	-16.87
5785 (RU106.53)	7.38	7.27	-	-	10.33	27.34	-17.01
5825 (RU106.54)	7.53	7.27	-	-	10.41	27.34	-16.93

Table 408 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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 RU106	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.09
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.65
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5720 (RU106.54)	2.97	2.20	-	-	5.62	30.00	-24.38
5745 (RU106.53)	7.85	7.18	-	-	10.54	30.00	-19.46
5785 (RU106.53)	7.49	7.32	-	-	10.42	30.00	-19.58
5825 (RU106.54)	7.60	7.61	-	-	10.61	30.00	-19.39

Table 409 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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 (%):	93.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.30
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5710	-	2.06	-	-	-	29.90	-27.84
5755	-	3.71	-	-	-	30.00	-26.29
5795	-	2.98	-	-	-	30.00	-27.02

Table 410 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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 (%):	93.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.30
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.86
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5710	-2.46	-2.37	-	-	0.59	27.14	-26.54
5755	3.83	3.29	-	-	6.58	27.34	-20.76
5795	3.47	3.11	-	-	6.30	27.34	-21.04

Table 411 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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 (%):	93.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.30
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.65
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5710	0.59	0.14	-	-	3.38	30.00	-26.62
5755	3.78	3.45	-	-	6.63	30.00	-23.37
5795	3.38	2.91	-	-	6.17	30.00	-23.83

Table 412 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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 (%):	89.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.49
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.10
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5690	-	-1.42	-	-	-	29.90	-31.32
5775	-	0.56	-	-	-	30.00	-29.44

Table 413 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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 (%):	89.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.50
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.86
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5690	-5.42	-5.65	-	-	-2.52	27.14	-29.66
5775	0.68	0.36	-	-	3.53	27.34	-23.81

Table 414 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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 (%):	89.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.50
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.65
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5690	-1.78	-2.96	-	-	0.68	30.00	-29.32
5775	0.90	0.76	-	-	3.84	30.00	-26.16

Table 415 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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:	802.11n HT20	Duty Cycle (%):	93.3
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.30
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	8.86
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5720	-2.37	-3.69	-	-	0.03	27.14	-27.10
5745	7.40	7.00	-	-	10.21	27.34	-17.13
5785	7.26	6.92	-	-	10.10	27.34	-17.24
5825	7.71	6.62	-	-	10.21	27.34	-17.13

Table 416 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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:	802.11n HT40	Duty Cycle (%):	92.6
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.33
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	8.86
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5710	-3.31	-4.30	-	-	-0.76	27.14	-27.90
5755	4.59	3.99	-	-	7.31	27.34	-20.03
5795	4.53	3.95	-	-	7.26	27.34	-20.08

Table 417 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	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:	802.11ac VHT80	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.31
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	8.86
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)
	A	B	C	D	Σ		
5690	-6.78	-8.35	-	-	-4.48	27.14	-31.62
5775	-1.03	-1.76	-	-	1.63	27.34	-25.71

Table 418 - Maximum Power Spectral Density Results



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

Condition of Operation	Frequency Range (MHz)			
	5150-5250	5250-5350	5470-5725	5725-5850
Max Conducted Power Spectral Density	17 dBm/MHz for master device 11 dBm/MHz for mobile/portable client device	11 dBm/MHz		30 dBm/500 kHz

Table 419

ISED RSS-247, Limit Clause 6.2.1.1, 6.2.2.1, 6.2.3.1 and 6.2.4.1

Device	Frequency Range (MHz)			
	5150-5250	5250-5350	5470-5725	5725-5850
OEM installed in vehicles	-	-	-	-
Other	≤10 dBm/MHz EIRP	≤11 dBm/MHz	≤11 dBm/MHz	≤30 dBm/500kHz

Table 420



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 Expires
Rubidium Standard	Rohde & Schwarz	XSRM	1316	6	03-Dec-2021
Multimeter	Iso-tech	IDM101	2421	12	30-Oct-2021
Hygrometer	Rotronic	I-1000	3220	12	16-Oct-2021
Frequency Standard	Spectracom	SecureSync 1200-0408-0601	4393	6	03-Dec-2021
Power splitter - 2 port	Mini-Circuits	ZN2PD-63-S+	4742	12	15-Jan-2022
Climatic Chamber	Aralab	FitoTerm 300E45	4823	12	12-Apr-2022
EXA	Keysight Technologies	N9010B	4969	24	03-Feb-2022
Cable (18 GHz)	Rosenberger	LU7-071-2000	5108	12	10-Dec-2021
AC Programmable Power Supply	iTech	IT7324	5225	-	O/P Mon
Power Splitter, 2 way	Mini-Circuits	ZN2PD2-63-S+	5239	-	O/P Mon
Attenuator 5W 20dB DC-18GHz	Aaren	AT40A-4041-D18-20	5498	12	10-May-2022
MXA Signal Analyser	Keysight Technologies	N9020B	5528	24	04-Mar-2022
Signal Commissioning Unit	TUV SUD	SCU001	5546	12	16-Apr-2022
Attenuator 2W 10dB DC-10GHz	Telegartner	J01156A0031	5576	-	O/P Mon
Attenuator 2W 10dB DC-10GHz	Telegartner	J01156A0031	5580	-	O/P Mon
Attenuator 2W 10dB DC-10GHz	Telegartner	J01156A0031	5581	-	O/P Mon
2-Way Power Divider (2-8 GHz)	Aaren	AT30A-TE0208-2-AF	5685	12	18-Dec-2021
2-Way Power Divider (2-8 GHz)	Aaren	AT30A-TE0208-2-AF	5687	12	18-Dec-2021
Signal Commissioning Unit	TUV SUD	SCU002	5759	12	30-Jun-2022

Table 421

O/P Mon – Output Monitored using calibrated equipment



2.4 Emission Bandwidth

2.4.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (a)
ISED RSS-247, Clause 6.2

2.4.2 Equipment Under Test and Modification State

A2485, S/N: CQ2R1P6HF2 - Modification State 0
A2485, S/N: F39CJV429M - Modification State 0

2.4.3 Date of Test

23-August-2021 to 20-September-2021

2.4.4 Test Method

The test was performed in accordance with ANSI C63.10 clauses 6.9.3, 12.5.1, and 12.5.2. ISED requirements were tested in accordance with RSS-GEN clause 6.7.

2.4.5 Environmental Conditions

Ambient Temperature	21.3 - 22.9 °C
Relative Humidity	48.9 – 64.3 %

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
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	Minimum	
5180	21.540	-	-	-	21.540	-
5200	20.760	-	-	-	20.760	-
5240	20.760	-	-	-	20.760	-

The screenshot displays a Keysight Spectrum Analyzer interface. The top section shows the title 'Spectrum Analyzer 1' and 'Sweep 5A'. Below this, various control buttons and settings are visible, including 'Input Z: 50 Ω', 'Coupling: AC', 'Correction: Off', 'Freq Ref: Cal (S)', 'Att: 6 dB', 'Preamp: Off', '1940 Fast', 'Cells: Off', 'IF Gain: Low', 'Sig Track: Off', 'Avg Type: Voltage', 'Appl: 400 10/90', and 'Trig: Free Run'. A color calibration bar is also present.

The main display area shows a spectrum plot with a yellow trace. The y-axis is labeled 'Log' and ranges from -60.0 to 20.0 dBm. The x-axis is labeled 'Center 5.10000 GHz' and 'Span 60.00 MHz'. The plot shows a signal with several peaks, with markers labeled '1', '2', '3', and '4' indicating specific frequency points. The marker values are: ΔMkr4 21.54 MHz, -0.31 dBm, 19.17 dBm, and 19.27 dBm.

Below the plot, the settings are: 'Center 5.10000 GHz', 'Res BW 200 kHz', 'Video BW 1.0 MHz', and 'Sweep 1.00 s (1001 pts)'. A 'Marker Table' is displayed at the bottom, showing the following data:

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	5.171 72 GHz	-0.3309 dBm			
2	Δ1	1	16.62 MHz (Δ)	-0.05124 dB			
3	N	1	5.189 20 GHz	-18.59 dBm			
4	Δ3	1	21.54 MHz (Δ)	-0.3127 dB			
5							
6							



Figure 86 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 87 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
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)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5180	16.620	-	-	-	16.620	-
5200	16.560	-	-	-	16.560	-
5240	16.620	-	-	-	16.620	-

Table 423 - 99% Bandwidth Results



Figure 88 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 89 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 90 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	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	Minimum	
5180	22.740	-	-	-	22.740	-
5200	21.120	-	-	-	21.120	-
5240	20.940	-	-	-	20.940	-

Table 424 - 26 dB Bandwidth Results



Figure 91 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 92 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 93 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5180	17.760	-	-	-	17.760	-
5200	17.700	-	-	-	17.700	-
5240	17.700	-	-	-	17.700	-

Table 425 - 99% Bandwidth Results



Figure 94 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 95 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 96 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	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	Minimum	
5180	22.620	21.600	-	-	21.600	-
5200	21.060	21.060	-	-	21.060	-
5240	21.060	21.000	-	-	21.000	-

Table 426 - 26 dB Bandwidth Results



Figure 97 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 98 - Core 1 (B) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 99 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 100 - Core 1 (B) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 101 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Figure 102 - Core 1 (B) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	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)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5180	17.820	17.820	-	-	17.820	-
5200	17.700	17.700	-	-	17.700	-
5240	17.700	17.700	-	-	17.700	-

Table 427 - 99% Bandwidth Results



Figure 103 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 104 - Core 1 (B) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 105 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 106 - Core 1 (B) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 107 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Figure 108 - Core 1 (B) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS10	DCCC (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	Minimum	
5180	22.020	21.960	-	-	21.960	-
5200	21.000	21.000	-	-	21.000	-
5240	21.000	20.940	-	-	20.940	-

Table 428 - 26 dB Bandwidth Results



Figure 109 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 110 - Core 1 (B) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 111 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 112 - Core 1 (B) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 113 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Figure 114 - Core 1 (B) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS10	DCCC (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)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5180	17.820	17.820	-	-	17.820	-
5200	17.760	17.700	-	-	17.700	-
5240	17.700	17.700	-	-	17.700	-

Table 429 - 99% Bandwidth Results



Figure 115 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 116 - Core 1 (B) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 117 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 118 - Core 1 (B) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 119 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Figure 120 - Core 1 (B) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	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	Minimum	
5190	43.320	-	-	-	43.320	-
5230	60.120	-	-	-	60.120	-

Table 430 - 26 dB Bandwidth Results



Figure 121 - Core 0 (A) 5190 MHz (CH38) 26 dB and 99% Bandwidth



Figure 122 - Core 0 (A) 5230 MHz (CH46) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5190	36.600	-	-	-	36.600	-
5230	36.300	-	-	-	36.300	-

Table 431 - 99% Bandwidth Results



Figure 123 - Core 0 (A) 5190 MHz (CH38) 26 dB and 99% Bandwidth



Figure 124 - Core 0 (A) 5230 MHz (CH46) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	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	Minimum	
5190	42.720	43.320	-	-	42.720	-
5230	41.280	41.520	-	-	41.280	-

Table 432 - 26 dB Bandwidth Results



Figure 125 - Core 0 (A) 5190 MHz (CH38) 26 dB and 99% Bandwidth



Figure 126 - Core 1 (B) 5190 MHz (CH38) 26 dB and 99% Bandwidth



Figure 127 - Core 0 (A) 5230 MHz (CH46) 26 dB and 99% Bandwidth



Figure 128 - Core 1 (B) 5230 MHz (CH46) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	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)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5190	36.600	36.600	-	-	36.600	-
5230	36.300	36.300	-	-	36.300	-

Table 433 - 99% Bandwidth Results



Figure 129 - Core 0 (A) 5190 MHz (CH38) 26 dB and 99% Bandwidth



Figure 130 - Core 1 (B) 5190 MHz (CH38) 26 dB and 99% Bandwidth



Figure 131 - Core 0 (A) 5230 MHz (CH46) 26 dB and 99% Bandwidth



Figure 132 - Core 1 (B) 5230 MHz (CH46) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS10	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	Minimum	
5190	42.960	42.840	-	-	42.840	-
5230	41.400	41.280	-	-	41.280	-

Table 434 - 26 dB Bandwidth Results



Figure 133 - Core 0 (A) 5190 MHz (CH38) 26 dB and 99% Bandwidth



Figure 134 - Core 1 (B) 5190 MHz (CH38) 26 dB and 99% Bandwidth



Figure 135 - Core 0 (A) 5230 MHz (CH46) 26 dB and 99% Bandwidth



Figure 136 - Core 1 (B) 5230 MHz (CH46) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS10	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)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5190	36.600	36.600	-	-	36.600	-
5230	36.400	36.360	-	-	36.360	-

Table 435 - 99% Bandwidth Results



Figure 137 - Core 0 (A) 5190 MHz (CH38) 26 dB and 99% Bandwidth



Figure 138 - Core 1 (B) 5190 MHz (CH38) 26 dB and 99% Bandwidth



Figure 139 - Core 0 (A) 5230 MHz (CH46) 26 dB and 99% Bandwidth



Figure 140 - Core 1 (B) 5230 MHz (CH46) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	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	Minimum	
5210	84.260	-	-	-	84.260	-

Table 436 - 26 dB Bandwidth Results



Figure 141 - Core 0 (A) 5210 MHz (CH42) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	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)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5210	75.900	-	-	-	75.900	-

Table 437 - 99% Bandwidth Results



Figure 142 - Core 0 (A) 5210 MHz (CH42) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	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	Minimum	
5210	86.680	84.700	-	-	84.700	-

Table 438 - 26 dB Bandwidth Results



Figure 143 - Core 0 (A) 5210 MHz (CH42) 26 dB and 99% Bandwidth



Figure 144 - Core 1 (B) 5210 MHz (CH42) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	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)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5210	75.680	75.460	-	-	75.460	-

Table 439 - 99% Bandwidth Results



Figure 145 - Core 0 (A) 5210 MHz (CH42) 26 dB and 99% Bandwidth



Figure 146 - Core 1 (B) 5210 MHz (CH42) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	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	Minimum	
5210	84.920	84.260	-	-	84.260	-

Table 440 - 26 dB Bandwidth Results



Figure 147 - Core 0 (A) 5210 MHz (CH42) 26 dB and 99% Bandwidth



Figure 148 - Core 1 (B) 5210 MHz (CH42) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	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)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5210	75.900	75.900	-	-	75.900	-

Table 441 - 99% Bandwidth Results



Figure 149 - Core 0 (A) 5210 MHz (CH42) 26 dB and 99% Bandwidth



Figure 150 - Core 1 (B) 5210 MHz (CH42) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
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	Minimum	
5180	26.580	-	-	-	26.580	-
5200	21.300	-	-	-	21.300	-
5240	21.420	-	-	-	21.420	-

Table 442 - 26 dB Bandwidth Results



Figure 151 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 152 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 153 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
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)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5180	19.080	-	-	-	19.080	-
5200	19.020	-	-	-	19.020	-
5240	19.020	-	-	-	19.020	-

Table 443 - 99% Bandwidth Results



Figure 154 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 155 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 156 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
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	DCCC (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	Minimum	
5180	25.440	24.360	-	-	24.360	-
5200	21.300	21.240	-	-	21.240	-
5240	21.240	21.240	-	-	21.240	-

Table 444 - 26 dB Bandwidth Results



Figure 157 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 158 - Core 1 (B) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 159 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 160 - Core 1 (B) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 161 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Figure 162 - Core 1 (B) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
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	DCCC (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)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5180	19.140	19.140	-	-	19.140	-
5200	19.020	19.020	-	-	19.020	-
5240	19.020	19.020	-	-	19.020	-

Table 445 - 99% Bandwidth Results



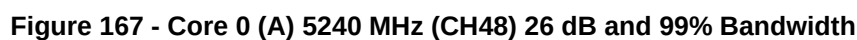
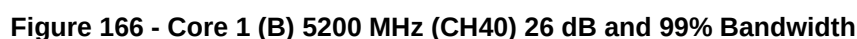
Figure 163 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth

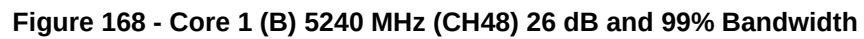


Figure 164 - Core 1 (B) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 165 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth







Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
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	DCCC (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	Minimum	
5180	26.220	24.660	-	-	24.660	-
5200	21.240	21.360	-	-	21.240	-
5240	21.240	21.360	-	-	21.240	-

Table 446 - 26 dB Bandwidth Results



Figure 169 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 170 - Core 1 (B) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 171 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 172 - Core 1 (B) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 173 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Figure 174 - Core 1 (B) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
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)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5180	19.140	19.140	-	-	19.140	-
5200	19.020	19.020	-	-	19.020	-
5240	19.020	19.020	-	-	19.020	-

Table 447 - 99% Bandwidth Results



Figure 175 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 176 - Core 1 (B) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 177 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 178 - Core 1 (B) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 179 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Figure 180 - Core 1 (B) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
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 RU26	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	Minimum	
5180 (RU26.0)	19.980	-	-	-	19.980	-
5200 (RU26.0)	20.040	-	-	-	20.040	-
5240 (RU26.8)	20.400	-	-	-	20.400	-

Table 448 - 26 dB Bandwidth Results



Figure 181 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 182 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 183 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
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 RU26	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)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5180 (RU26.0)	18.360	-	-	-	18.360	-
5200 (RU26.0)	18.360	-	-	-	18.360	-
5240 (RU26.8)	18.600	-	-	-	18.600	-

Table 449 - 99% Bandwidth Results



Figure 184 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 185 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 186 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
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 RU26	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	Minimum	
5180 (RU26.0)	19.980	19.740	-	-	19.740	-
5200 (RU26.0)	20.160	19.740	-	-	19.740	-
5240 (RU26.8)	20.280	19.800	-	-	19.800	-

Table 450 - 26 dB Bandwidth Results



Figure 187 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 188 - Core 1 (B) 5180 MHz (CH36) 26 dB and 99% Bandwidth



Figure 189 - Core 0 (A) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 190 - Core 1 (B) 5200 MHz (CH40) 26 dB and 99% Bandwidth



Figure 191 - Core 0 (A) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Figure 192 - Core 1 (B) 5240 MHz (CH48) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
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 RU26	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)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5180 (RU26.0)	18.480	18.360	-	-	18.360	-
5200 (RU26.0)	18.480	18.360	-	-	18.360	-
5240 (RU26.8)	18.600	18.420	-	-	18.420	-

Table 451 - 99% Bandwidth Results



Figure 193 - Core 0 (A) 5180 MHz (CH36) 26 dB and 99% Bandwidth