

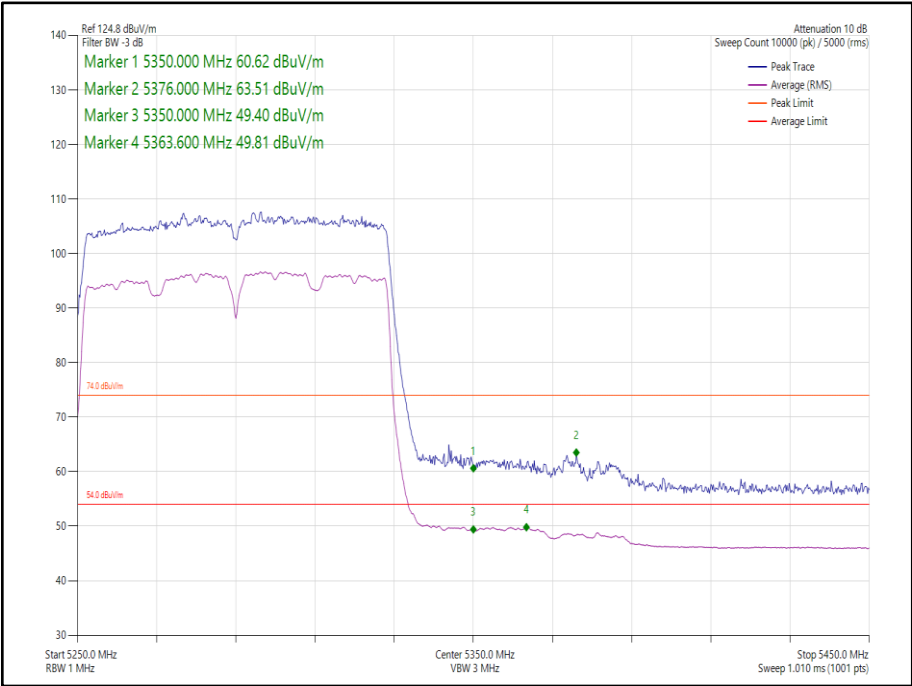


Figure 61 - 802.11ac VHT80, Core 1 - 5290 MHz
Band Edge Frequency 5350 MHz

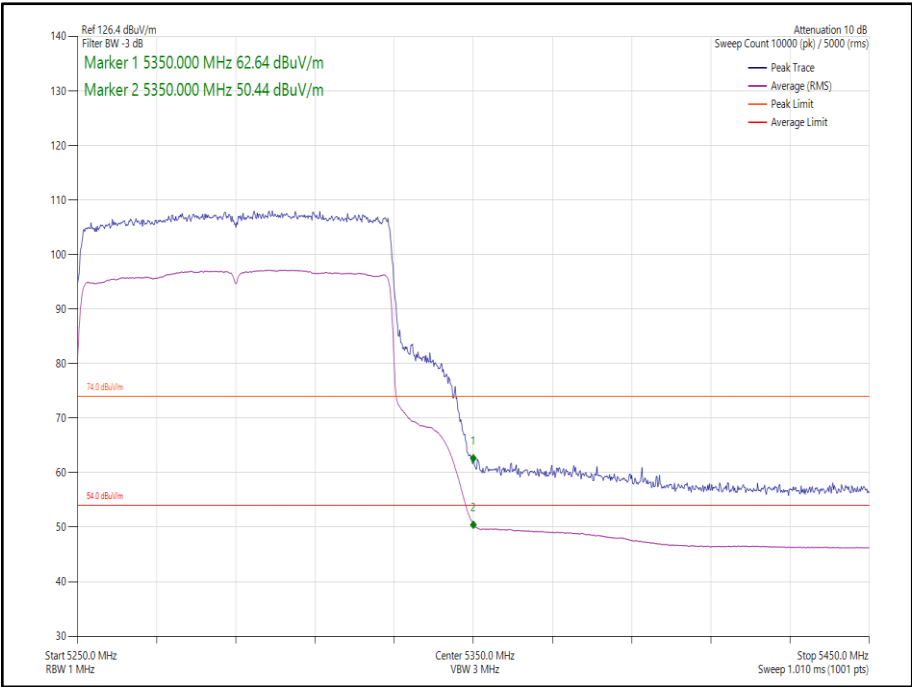


Figure 62 - 802.11ax HE80, Core 1, SU - 5290 MHz
Band Edge Frequency 5350 MHz

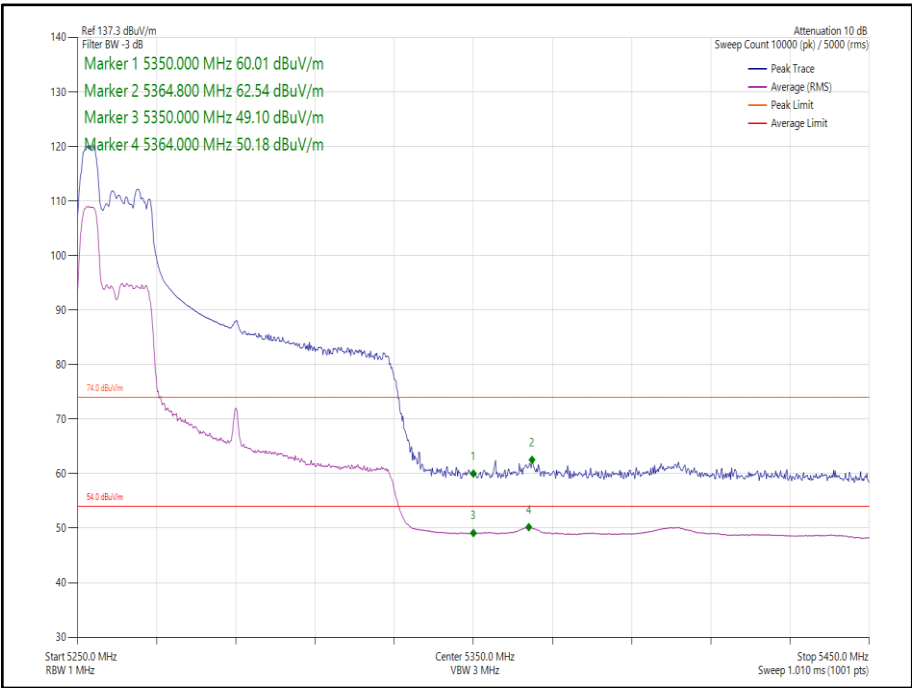


Figure 63 - 802.11ax HE80, Core 1, RU52-52 - 5290 MHz
Band Edge Frequency 5350 MHz

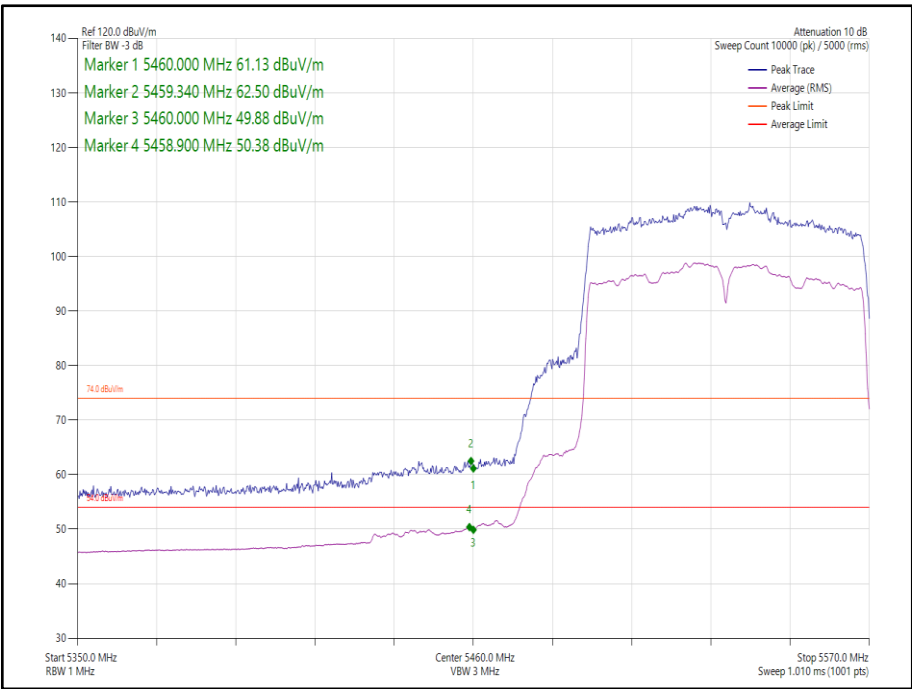


Figure 64 - 802.11ac VHT80, Core 1 - 5530 MHz
Band Edge Frequency 5460 MHz

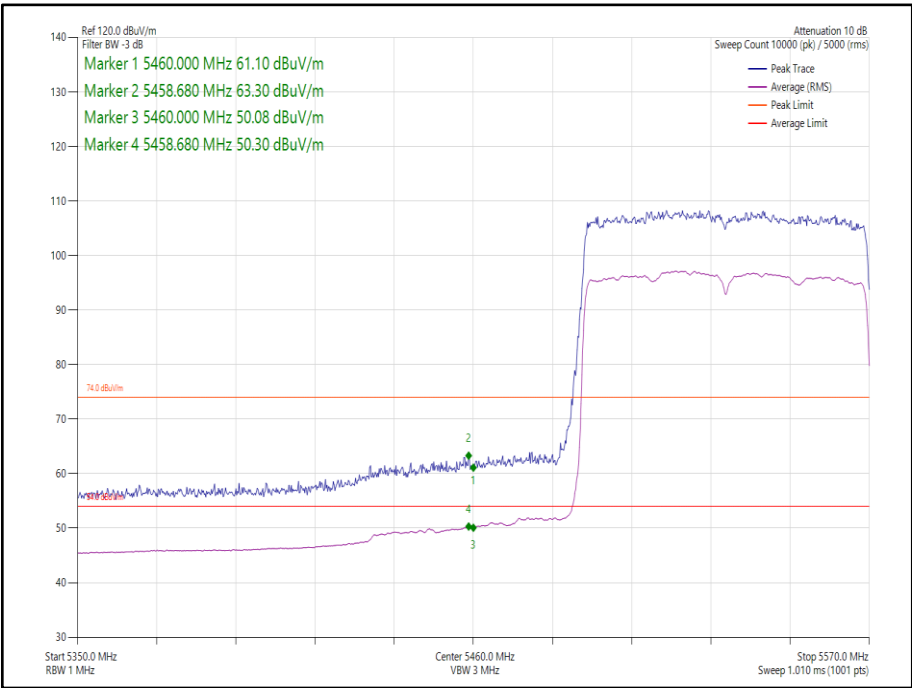


Figure 65 - 802.11ax HE80, Core 1, SU - 5530 MHz
Band Edge Frequency 5490 MHz

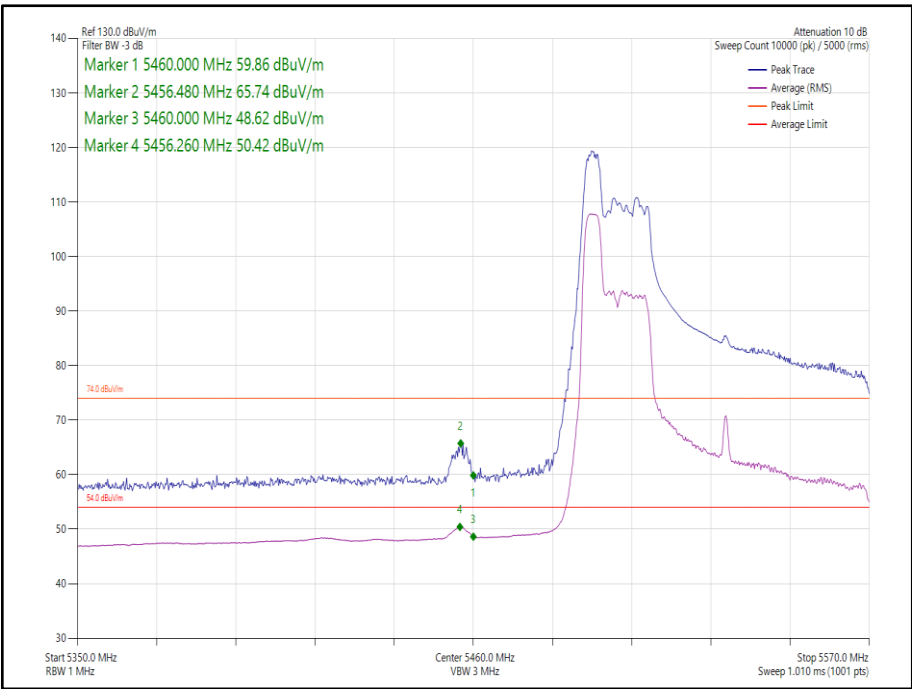


Figure 66 - 802.11ax HE80, Core 1, RU52-37 - 5530 MHz
Band Edge Frequency 5350 MHz



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	MCS 4x1	-	-	5210	5150	62.19	50.59
802.11ac VHT80 SDM, Cores 0-1	MCS 4x2	-	-	5210	5150	62.30	51.46
802.11ax HE80 CDD, Cores 0-1	MCS 2x1	SU	-	5210	5150	62.14	50.97
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	26	0	5210	5150	65.89	50.53
802.11ax HE80 SDM, Cores 0-1	MCS 11x2	SU	-	5210	5150	63.56	51.48
802.11ax HE80 SDM, Cores 0-1	MCS 11x2	26	0	5210	5150	68.04	51.32
802.11ac VHT80 CDD, Cores 0-1	MCS 8x1	-	-	5290	5350	62.53	50.96
802.11ac VHT80 SDM, Cores 0-1	MCS 8x2	-	-	5290	5350	62.85	51.20
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	SU	-	5290	5350	63.67	50.96
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	52	52	5290	5350	66.33	50.95
802.11ax HE80 SDM, Cores 0-1	MCS 2x2	SU	-	5290	5350	62.98	51.41
802.11ax HE80 SDM, Cores 0-1	MCS 11x2	52	52	5290	5350	67.88	51.40
802.11ac VHT80 CDD, Cores 0-1	MCS 4x1	-	-	5530	5460	62.75	50.63
802.11ac VHT80 SDM, Cores 0-1	MCS 2x2	-	-	5530	5460	62.57	51.25
802.11ax HE80 CDD, Cores 0-1	MCS 4x1	SU	-	5530	5460	62.66	50.91
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	52	37	5530	5460	63.92	50.06
802.11ax HE80 SDM, Cores 0-1	MCS 2x2	SU	-	5530	5460	63.85	51.13
802.11ax HE80 SDM, Cores 0-1	MCS 11x2	52	37	5530	5460	65.27	51.28

Table 11 – 80 MHz Bandwidth (2TX MIMO) Restricted Band Edge Results

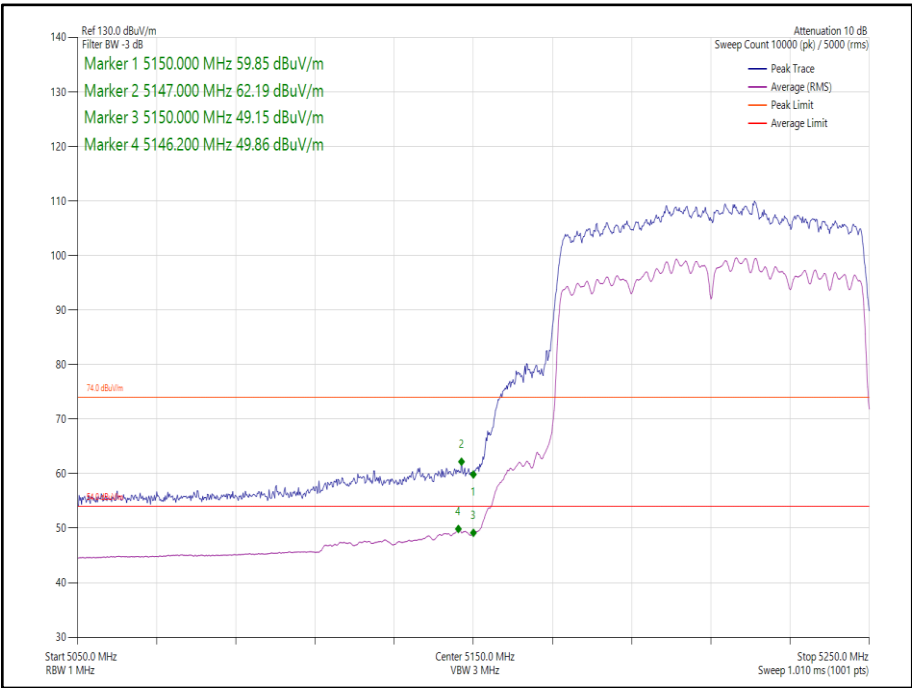


Figure 67 - 802.11ac VHT80 CDD, Cores 0-1- 5210 MHz
Band Edge Frequency 5150 MHz

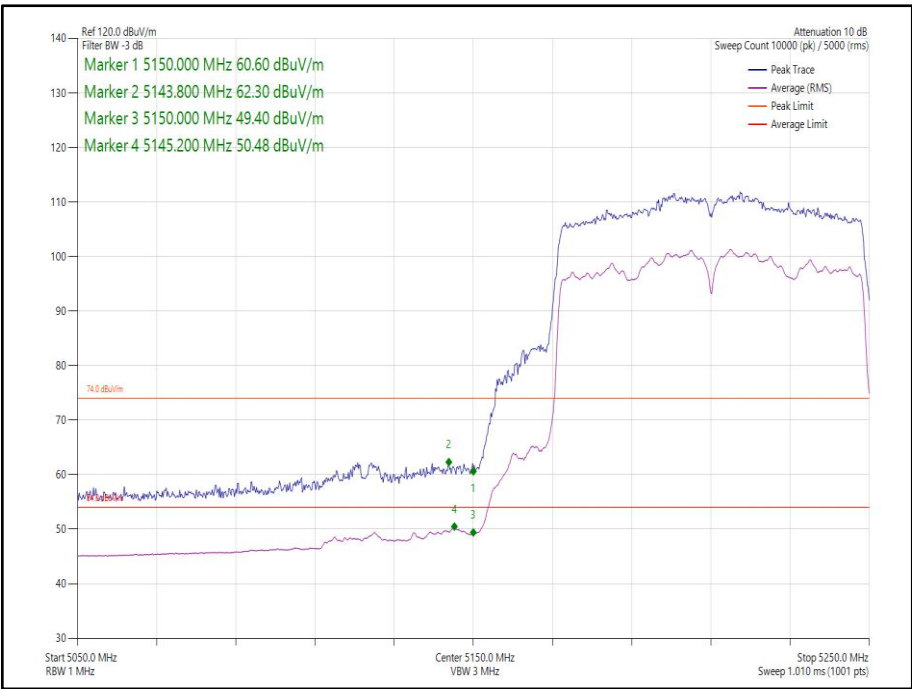


Figure 68 - 802.11ac VHT80 SDM, Cores 0-1- 5210 MHz
Band Edge Frequency 5150 MHz

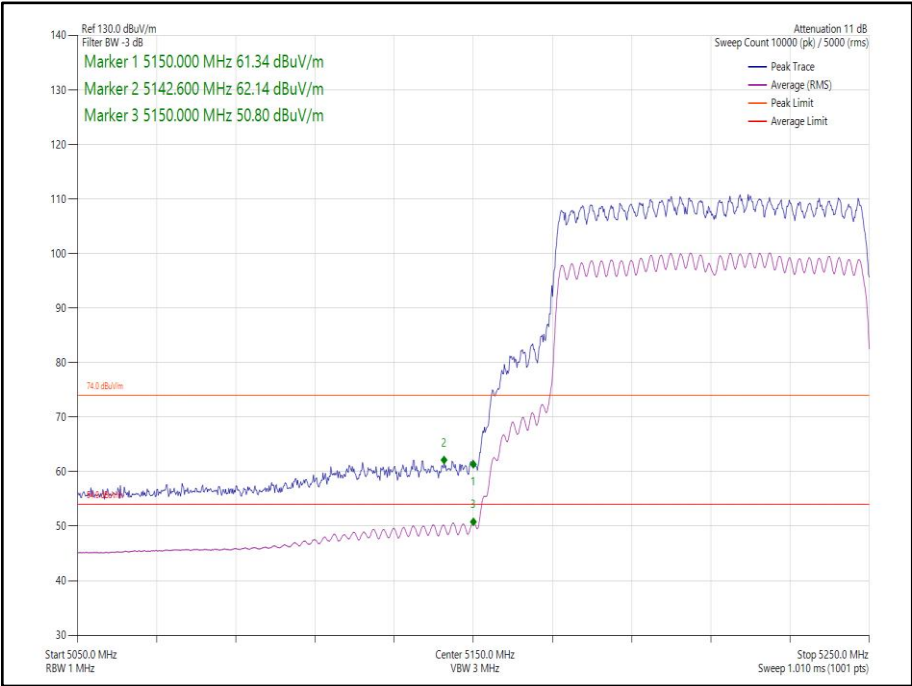


Figure 69 - 802.11ax HE80 CDD, Cores 0-1, SU - 5210 MHz
Band Edge Frequency 5150 MHz

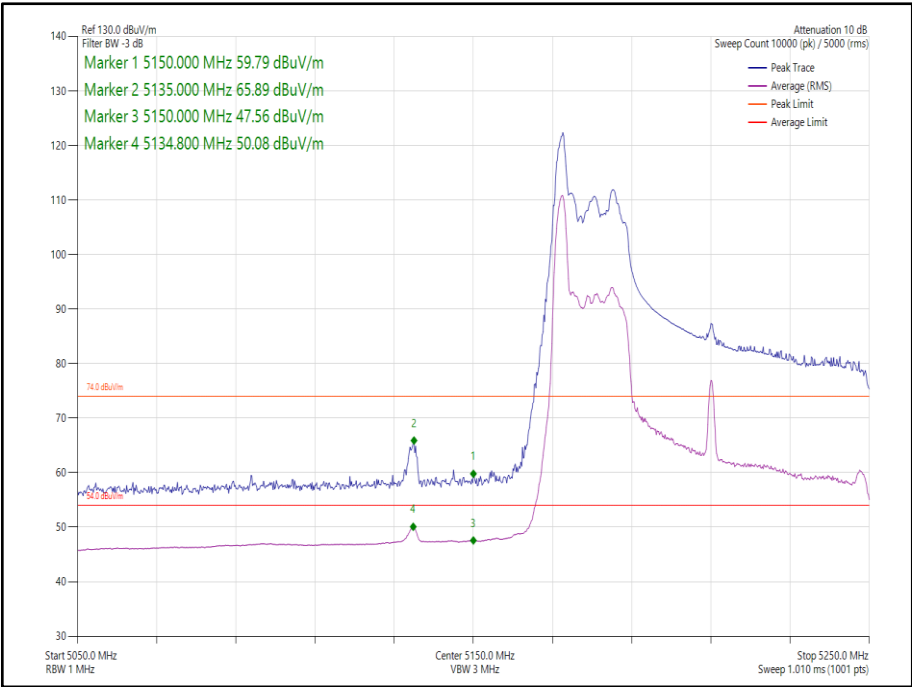


Figure 70 - 802.11ax HE80 CDD, Cores 0-1, RU26-0 - 5210 MHz
Band Edge Frequency 5150 MHz

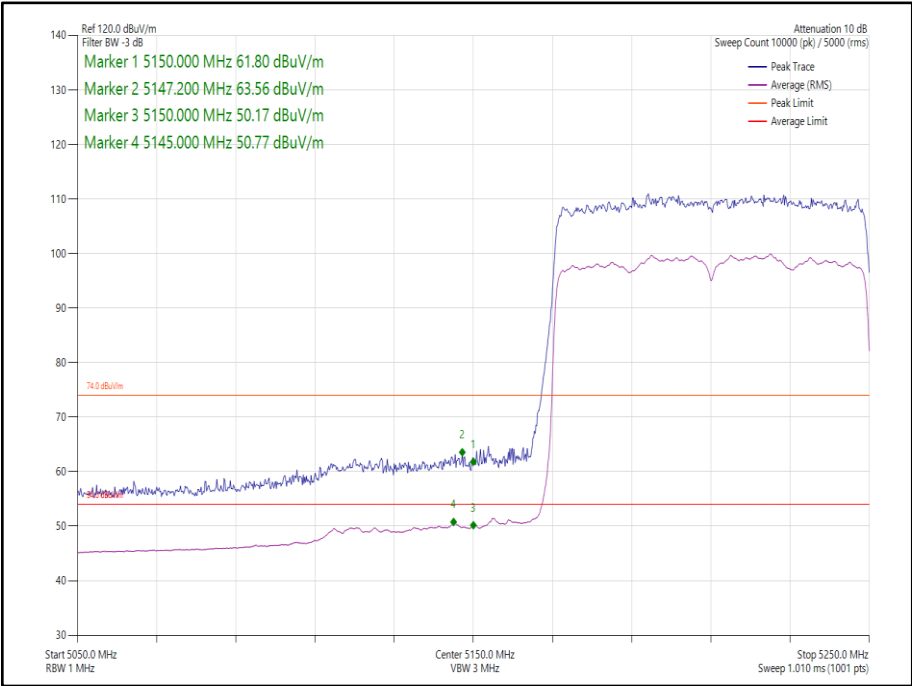


Figure 71 - 802.11ax HE80 SDM, Cores 0-1, SU - 5210 MHz
Band Edge Frequency 5150 MHz

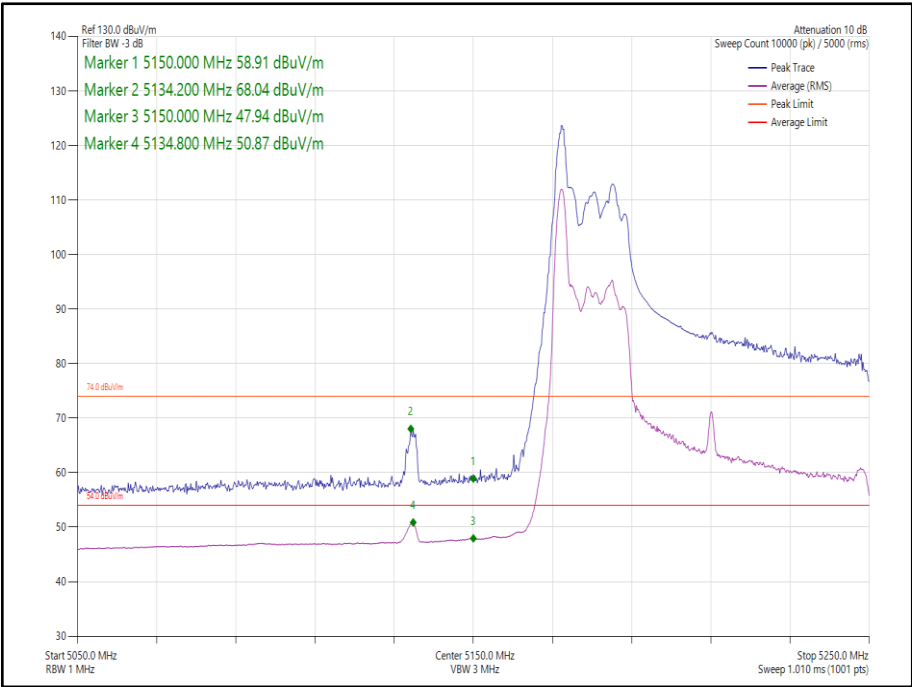


Figure 72 - 802.11ax HE80 SDM, Cores 0-1, RU26-0 - 5210 MHz
Band Edge Frequency 5150 MHz

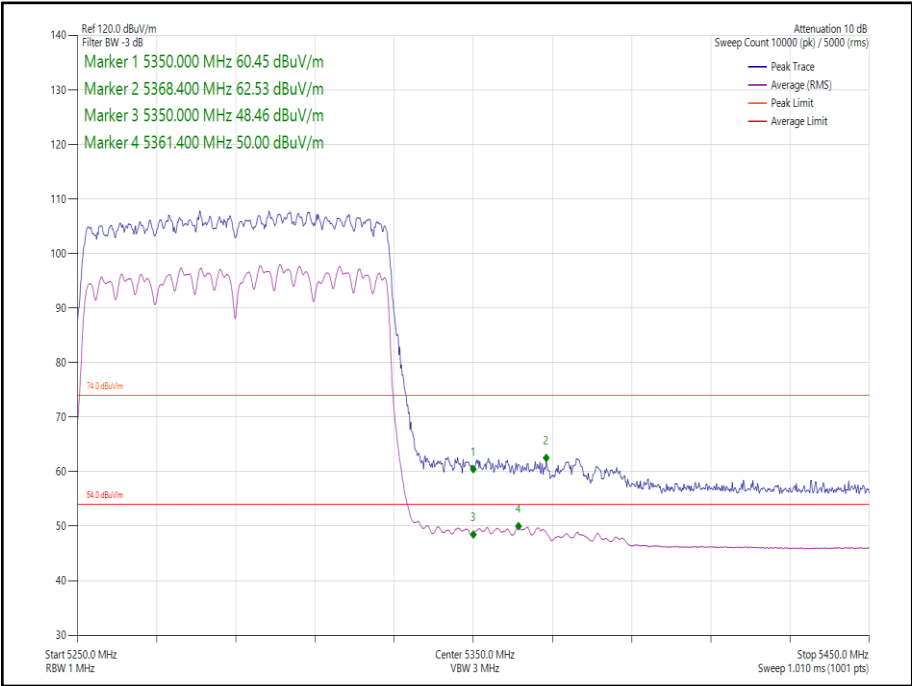


Figure 73 - 802.11ac VHT80 CDD, Cores 0-1- 5290 MHz
Band Edge Frequency 5350 MHz

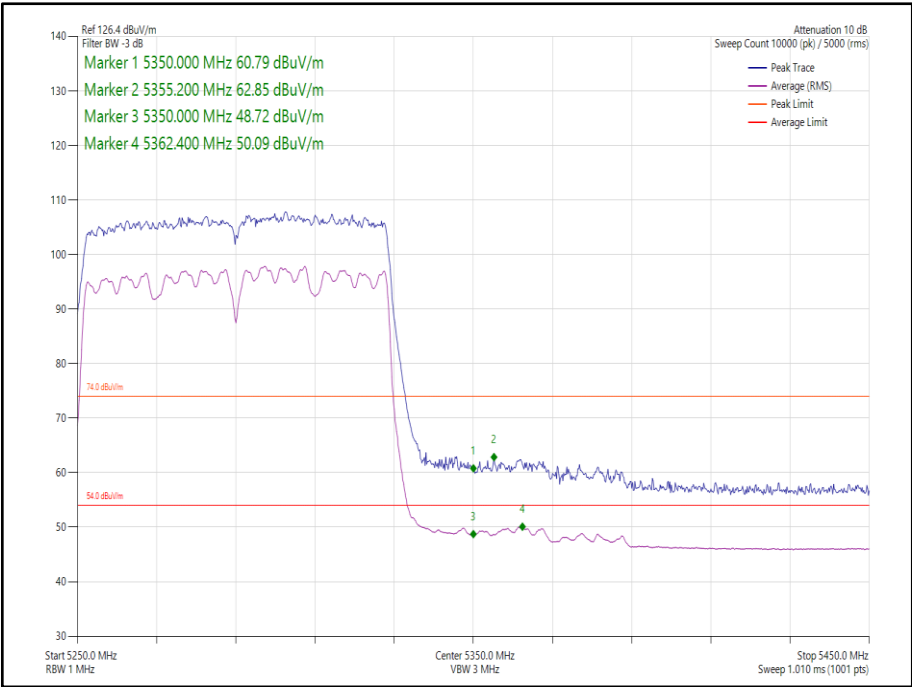


Figure 74 - 802.11ac VHT80 SDM, Cores 0-1- 5290 MHz
Band Edge Frequency 5350 MHz

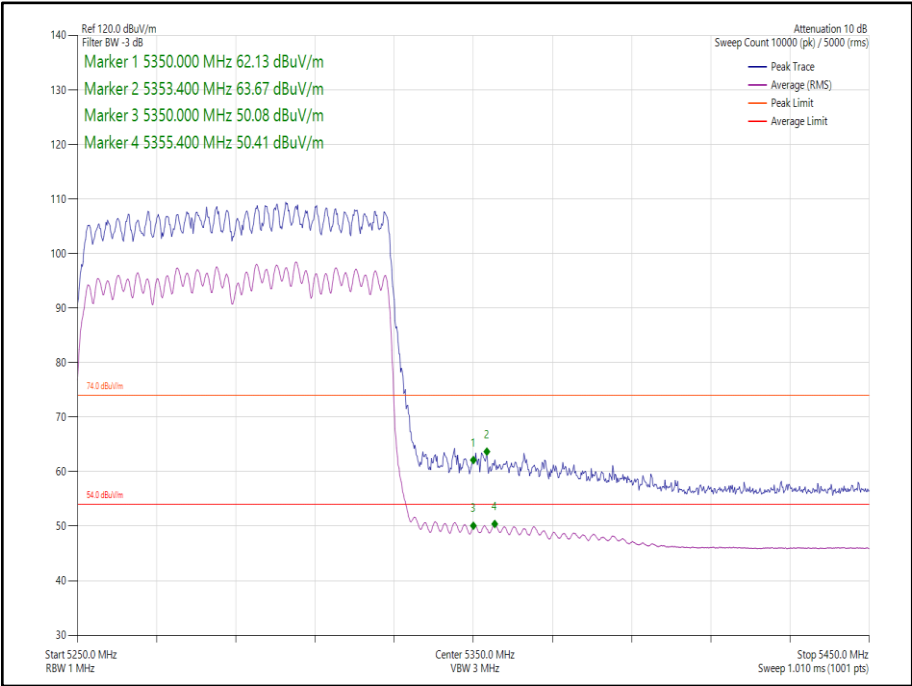


Figure 75 - 802.11ax HE80 CDD, Cores 0-1, SU - 5290 MHz
Band Edge Frequency 5350 MHz

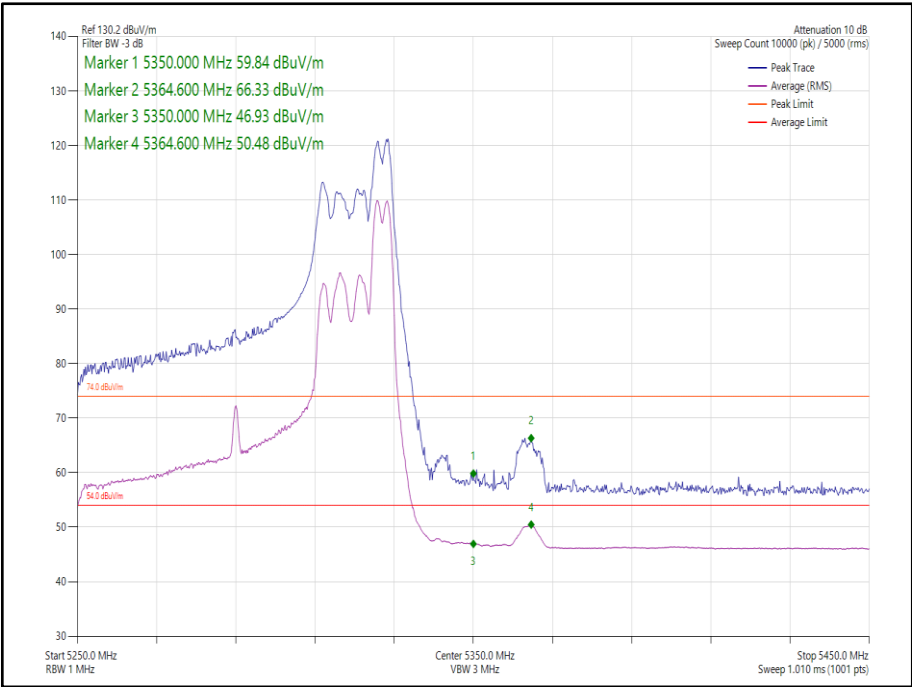


Figure 76 - 802.11ax HE80 CDD, Cores 0-1, RU52-52 - 5290 MHz
Band Edge Frequency 5350 MHz

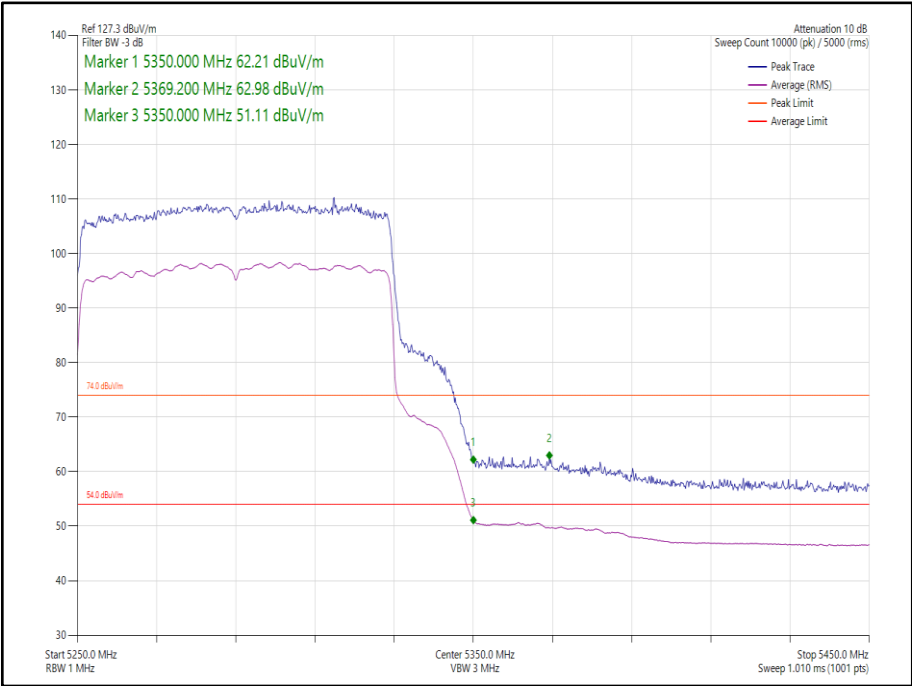


Figure 77 - 802.11ax HE80 SDM, Cores 0-1, SU - 5290 MHz
Band Edge Frequency 5350 MHz

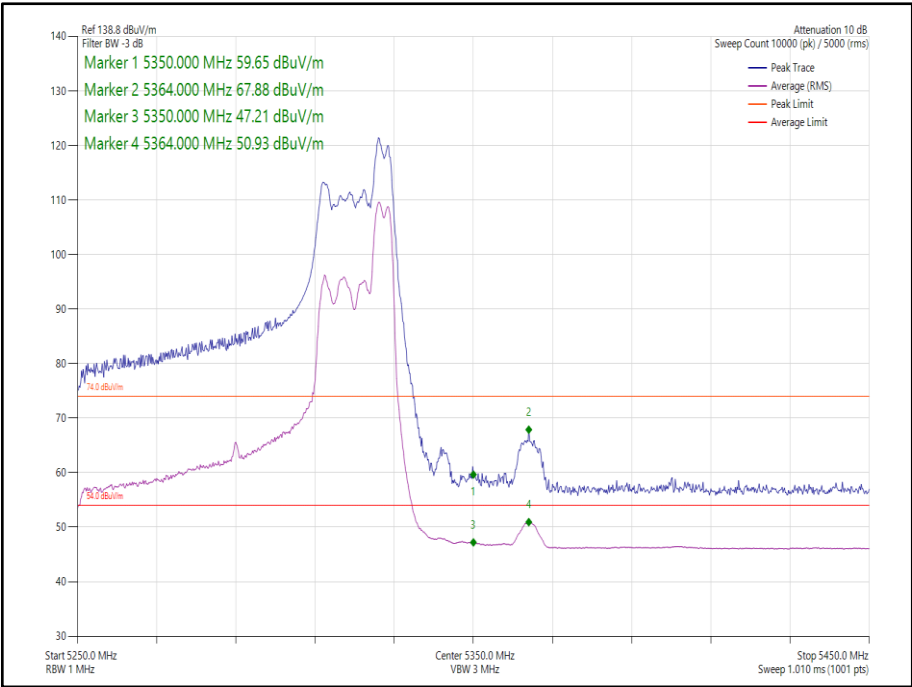


Figure 78 - 802.11ax HE80 SDM, Cores 0-1, RU52-52 - 5290 MHz
Band Edge Frequency 5350 MHz

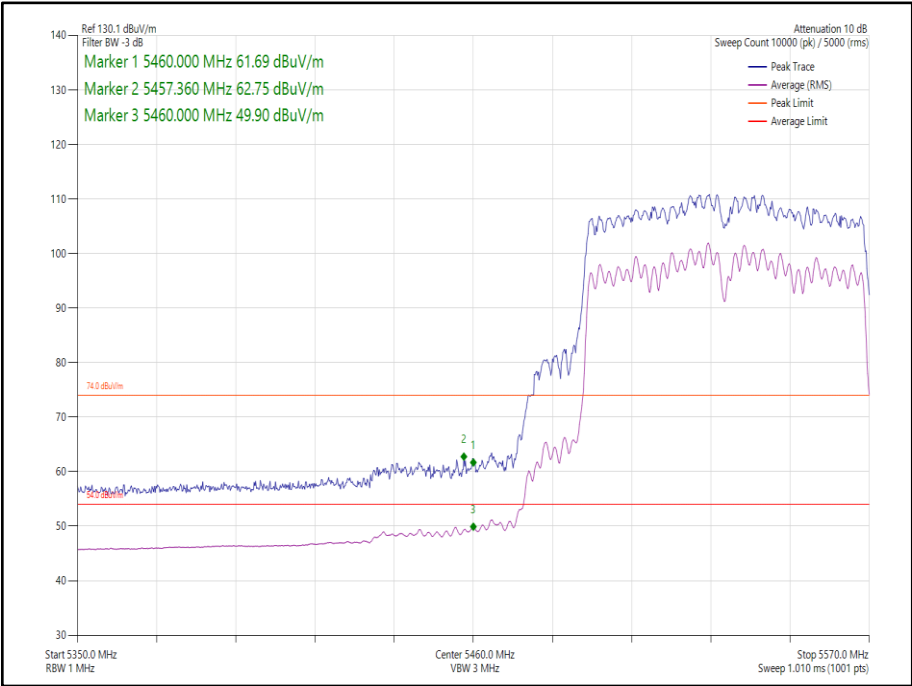


Figure 79 - 802.11ac VHT80 CDD, Cores 0-1- 5530 MHz
Band Edge Frequency 5460 MHz

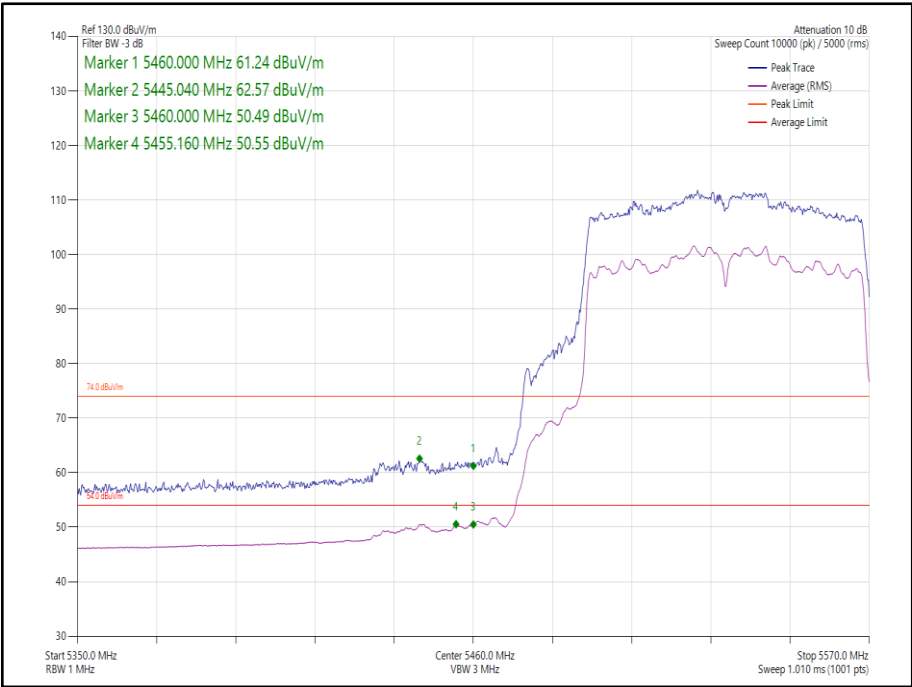


Figure 80 - 802.11ac VHT80 SDM, Cores 0-1- 5530 MHz
Band Edge Frequency 5460 MHz

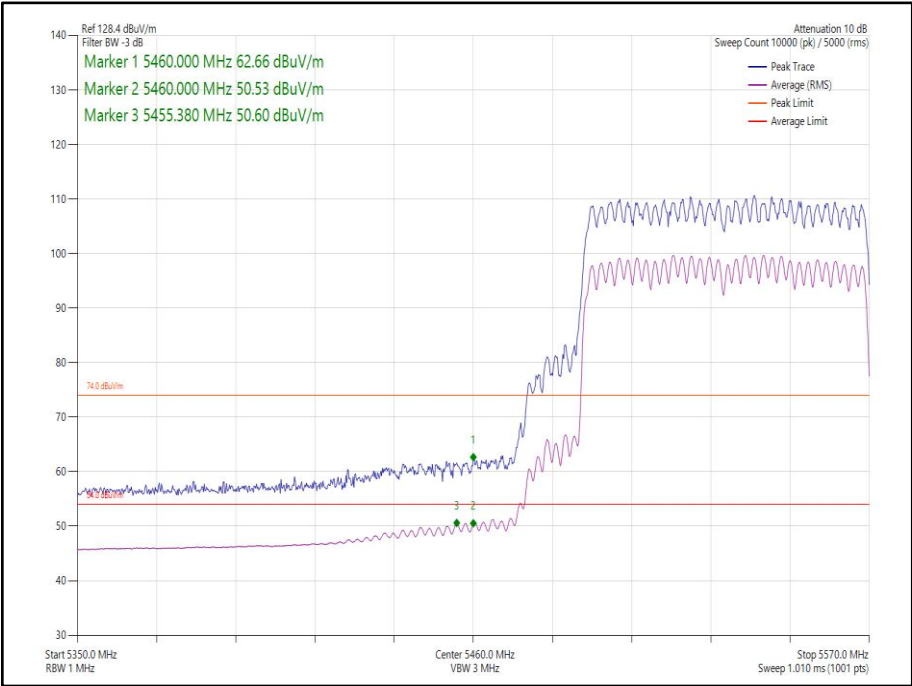


Figure 81 - 802.11ax HE80 CDD, Cores 0-1, SU - 5530 MHz
Band Edge Frequency 5460 MHz

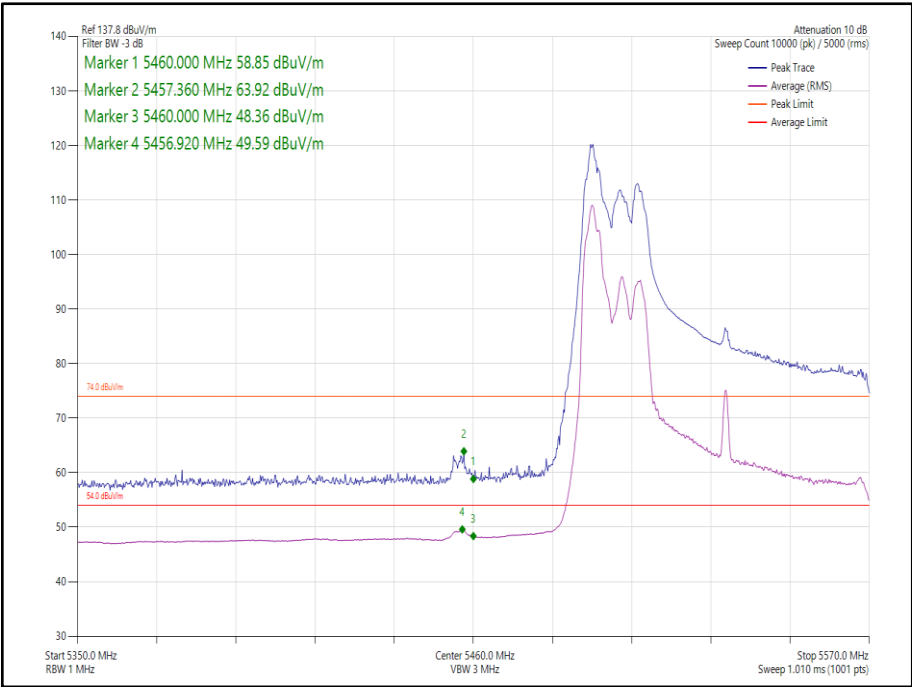


Figure 82 - 802.11ax HE80 CDD, Cores 0-1, RU52-37 - 5530 MHz
Band Edge Frequency 5460 MHz

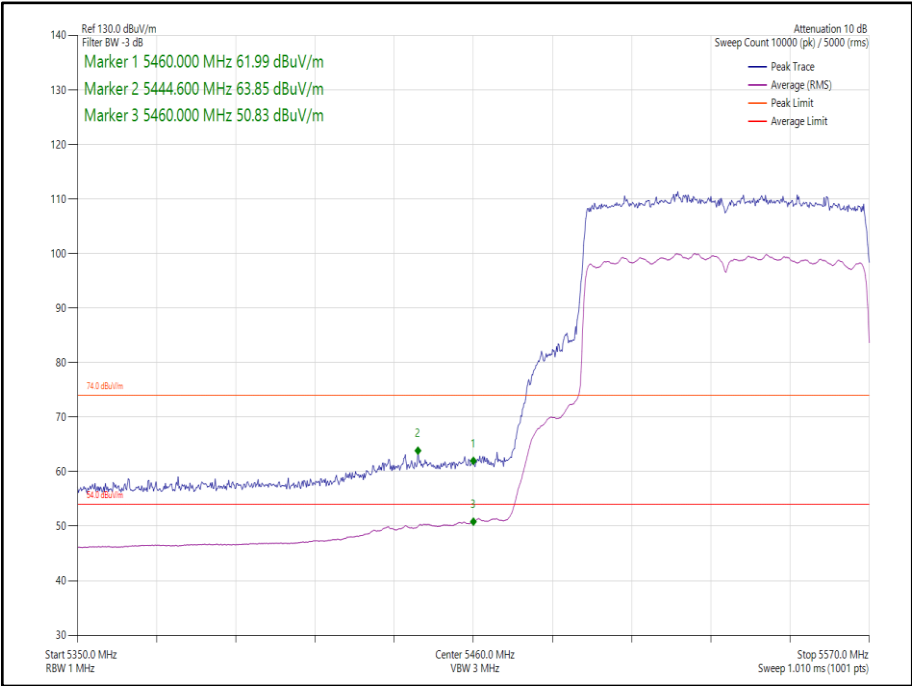


Figure 83 - 802.11ax HE80 SDM, Cores 0-1, SU - 5530 MHz
Band Edge Frequency 5460 MHz

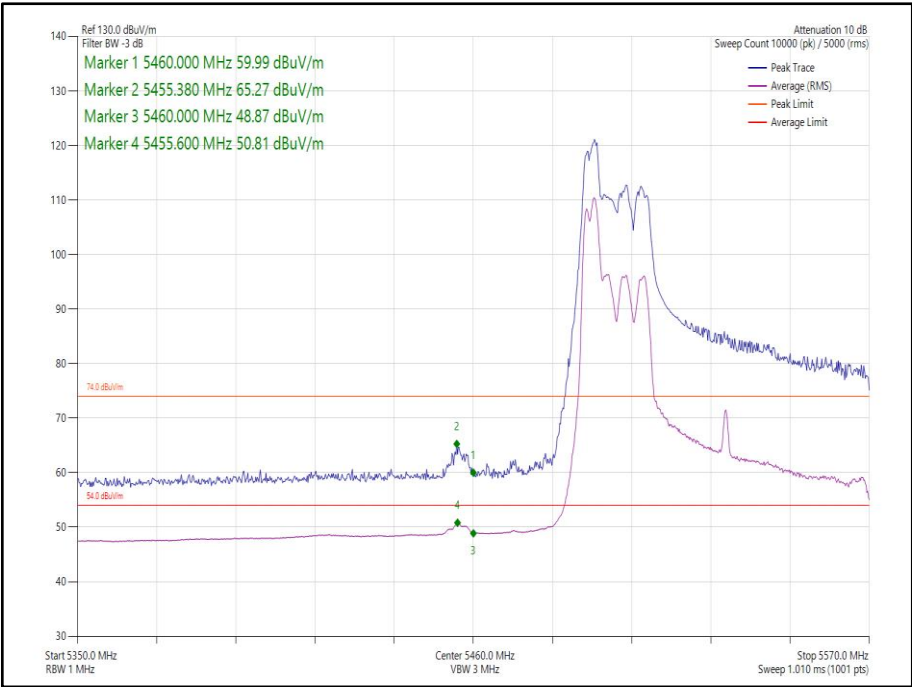


Figure 84 - 802.11ax HE80 SDM, Cores 0-1, RU52-37 - 5530 MHz
Band Edge Frequency 5460 MHz



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 EMC Chamber 5.

Instrument	Manufacturer	Type No	TE No	Calibration Period (months)	Calibration Expires
Screened Room (5)	Rainford	Rainford	1545	36	15-Apr-2024
Double Ridge Broadband Horn Antenna	Schwarzbeck	BBHA 9120 B	4848	12	01-Apr-2022
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-2023
EMI Test Receiver	Rohde & Schwarz	ESW44	5527	12	15-Apr-2022
Thermo-Hygro-Barometer	PCE Instruments	PCE-THB 40	5605	12	23-Sep-2022

Table 13



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

A2681, S/N: TN4J7KWW5H - Modification State 0
A2681, S/N: T60JJCR4F6 - Modification State 0

2.2.3 Date of Test

24-March-2022 to 22-April-2022

2.2.4 Test Method

The test was performed in accordance with ANSI C63.10, clause 12.3.3.2 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.

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

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

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

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

2.2.5 Environmental Conditions

Ambient Temperature	22.5 - 24.3 °C
Relative Humidity	22.7 - 38.1 %



2.2.6 Test Results

5 GHz WLAN

SISO

U-NII-1

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):	6.98
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5180	18.33	-	-	-	-	23.02	-4.69
5220	18.19	-	-	-	-	23.02	-4.83
5240	18.37	-	-	-	-	23.02	-4.65

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 (%):	97.6
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.98
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	11.35	-	-	-	-	18.33	22.21	-3.87
5220	16.560	11.26	-	-	-	-	18.24	22.19	-3.95
5240	16.560	11.42	-	-	-	-	18.40	22.19	-3.79

Table 15 - 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 HT20	Duty Cycle (%):	96.6
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.98
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5180	18.17	-	-	-	-	23.02	-4.85
5220	18.29	-	-	-	-	23.02	-4.73
5240	18.42	-	-	-	-	23.02	-4.60

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 (%):	96.5
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.98
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	11.48	-	-	-	-	18.46	22.49	-4.04
5220	17.640	11.49	-	-	-	-	18.47	22.46	-3.99
5240	17.700	11.19	-	-	-	-	18.17	22.48	-4.31

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):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	94.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.98
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5190	15.72	-	-	-	-	23.02	-7.30
5230	19.85	-	-	-	-	23.02	-3.17

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):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	94.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.98
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	36.480	13.73	-	-	-	-	20.71	23.00	-2.29
5230	36.360	13.81	-	-	-	-	20.79	23.00	-2.21

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):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	89.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.98
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5210	13.32	-	-	-	-	23.02	-9.70

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):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	89.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.98
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	13.44	-	-	-	-	20.42	23.00	-2.58

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:	802.11ax HE20 SU	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.98
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5180	18.31	-	-	-	-	23.02	-4.71
5220	18.50	-	-	-	-	23.02	-4.52
5240	18.41	-	-	-	-	23.02	-4.61

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:	802.11ax HE20 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.98
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	11.32	-	-	-	-	18.30	22.81	-4.51
5220	19.080	11.30	-	-	-	-	18.28	22.81	-4.52
5240	19.020	11.45	-	-	-	-	18.43	22.79	-4.37

Table 23 - 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 (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.98
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5190	14.43	-	-	-	-	23.02	-8.59
5230	19.20	-	-	-	-	23.02	-3.82

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):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.98
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	13.73	-	-	-	-	20.71	23.00	-2.29
5230	38.040	13.91	-	-	-	-	20.89	23.00	-2.11

Table 25 - 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 HE80 SU	Duty Cycle (%):	95.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.98
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5210	13.59	-	-	-	-	23.02	-9.43

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):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.98
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	77.440	13.65	-	-	-	-	20.63	23.00	-2.37

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



U-NII-2A

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):	7.47
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	20.880	-	17.74	-	-	-	22.53	-4.79
5300	20.820	-	17.85	-	-	-	22.53	-4.68
5320	21.420	-	17.84	-	-	-	22.53	-4.69

Table 28 - 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	-	17.74	-	-	-	23.19	-5.45	25.21	29.19	-3.98
5300	16.560	-	17.85	-	-	-	23.19	-5.34	25.32	29.19	-3.87
5320	16.620	-	17.84	-	-	-	23.21	-5.36	25.31	29.21	-3.89

Table 29 - 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):	7.47
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	21.000	-	17.74	-	-	-	22.53	-4.79
5300	21.000	-	17.89	-	-	-	22.53	-4.64
5320	22.620	-	17.70	-	-	-	22.53	-4.83

Table 30 - 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	17.640	-	17.74	-	-	-	23.46	-5.73	25.21	29.46	-4.26
5300	17.640	-	17.89	-	-	-	23.46	-5.57	25.36	29.46	-4.10
5320	17.760	-	17.70	-	-	-	23.49	-5.79	25.17	29.49	-4.32

Table 31 - 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):	7.47
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	41.400	-	20.15	-	-	-	22.53	-2.38
5310	42.840	-	14.85	-	-	-	22.53	-7.68

Table 32 - 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	-	20.15	-	-	-	24.00	-3.85	27.62	30.00	-2.38
5310	36.480	-	14.85	-	-	-	24.00	-9.15	22.32	30.00	-7.68

Table 33 - ISD 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):	7.47
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	86.460	-	13.13	-	-	-	22.53	-9.40

Table 34 - 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	75.680	-	13.13	-	-	-	24.00	-10.87	20.60	30.00	-9.40

Table 35 - 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):	7.47
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	21.360	-	17.65	-	-	-	22.53	-4.88
5300	21.240	-	17.88	-	-	-	22.53	-4.65
5320	22.380	-	17.66	-	-	-	22.53	-4.87

Table 36 - 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	18.960	-	17.65	-	-	-	23.78	-6.13	25.12	29.78	-4.66
5300	18.960	-	17.88	-	-	-	23.78	-5.90	25.35	29.78	-4.43
5320	19.080	-	17.66	-	-	-	23.81	-6.15	25.13	29.81	-4.68

Table 37 - 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 HE40 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.47
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	42.120	-	19.35	-	-	-	22.53	-3.18
5310	45.600	-	14.23	-	-	-	22.53	-8.30

Table 38 - 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	-	19.35	-	-	-	24.00	-4.65	26.82	30.00	-3.18
5310	38.160	-	14.23	-	-	-	24.00	-9.77	21.70	30.00	-8.30

Table 39 - ISD 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 (%):	95.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.47
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	86.680	-	13.46	-	-	-	22.53	-9.07

Table 40 - 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	-	13.46	-	-	-	24.00	-10.54	20.93	30.00	-9.07

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



U-NII-2C

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):	-		
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):	6.78
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	21.480	-	18.42	-	-	-	23.22	-4.80
5600	20.760	-	18.28	-	-	-	23.22	-4.94
5720	15.380	-	17.51	-	-	-	22.09	-4.58

Table 42 - 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	16.680	-	18.42	-	-	-	23.22	-4.81	25.20	29.22	-4.03
5600	16.560	-	18.28	-	-	-	23.19	-4.91	25.06	29.19	-4.13
5720	13.160	-	17.51	-	-	-	22.19	-4.68	24.29	28.19	-3.90

Table 43 - 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):	-		
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):	6.78
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	22.860	-	18.25	-	-	-	23.22	-4.97
5600	21.000	-	18.22	-	-	-	23.22	-5.00
5720	15.560	-	17.43	-	-	-	22.14	-4.71

Table 44 - 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	-	18.25	-	-	-	23.51	-5.26	25.03	29.51	-4.48
5600	17.700	-	18.22	-	-	-	23.48	-5.25	25.00	29.48	-4.47
5720	13.700	-	17.43	-	-	-	22.37	-4.94	24.21	28.37	-4.16

Table 45 - 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):	-		
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):	6.78
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	42.840	-	17.30	-	-	-	23.22	-5.92
5590	42.120	-	20.95	-	-	-	23.22	-2.27
5710	35.880	-	20.52	-	-	-	23.22	-2.70

Table 46 - 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	-	17.30	-	-	-	24.00	-6.70	24.08	30.00	-5.92
5590	36.480	-	20.95	-	-	-	24.00	-3.05	27.73	30.00	-2.27
5710	32.880	-	20.52	-	-	-	24.00	-3.48	27.30	30.00	-2.70

Table 47 - 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):	-		
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):	0.50
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.78
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	83.380	-	15.32	-	-	-	23.22	-7.90
5610	93.060	-	20.71	-	-	-	23.22	-2.51
5690	76.140	-	20.64	-	-	-	23.22	-2.58

Table 48 - 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	75.680	-	15.32	-	-	-	24.00	-8.68	22.10	30.00	-7.90
5610	75.900	-	20.71	-	-	-	24.00	-3.29	27.49	30.00	-2.51
5690	72.180	-	20.64	-	-	-	24.00	-3.36	27.42	30.00	-2.58

Table 49 - 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):	-		
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):	6.78
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	24.780	-	18.19	-	-	-	23.22	-5.03
5600	21.360	-	18.30	-	-	-	23.22	-4.92
5720	15.620	-	17.32	-	-	-	22.16	-4.84

Table 50 - 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	-	18.19	-	-	-	23.81	-5.62	24.97	29.81	-4.84
5600	19.020	-	18.30	-	-	-	23.79	-5.49	25.08	29.79	-4.71
5720	14.420	-	17.32	-	-	-	22.59	-5.27	24.10	28.59	-4.49

Table 51 - 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):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.78
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	44.760	-	15.94	-	-	-	23.22	-7.28
5590	42.240	-	20.94	-	-	-	23.22	-2.28
5710	36.120	-	20.47	-	-	-	23.22	-2.75

Table 52 - 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	-	15.94	-	-	-	24.00	-8.06	22.72	30.00	-7.28
5590	38.040	-	20.94	-	-	-	24.00	-3.06	27.72	30.00	-2.28
5710	33.840	-	20.47	-	-	-	24.00	-3.53	27.25	30.00	-2.75

Table 53 - 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):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.20
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.78
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	84.920	-	14.96	-	-	-	23.22	-8.26
5610	98.780	-	20.92	-	-	-	23.22	-2.30
5690	76.580	-	20.82	-	-	-	23.22	-2.40

Table 54 - 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	77.440	-	14.96	-	-	-	24.00	-9.04	21.74	30.00	-8.26
5610	77.440	-	20.92	-	-	-	24.00	-3.08	27.70	30.00	-2.30
5690	73.280	-	20.82	-	-	-	24.00	-3.18	27.60	30.00	-2.40

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



U-NII-3

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):	-		
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):	7.23
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	-	9.95	-	-	-	28.77	-18.82
5745	-	20.77	-	-	-	28.77	-8.00
5785	-	20.76	-	-	-	28.77	-8.01
5825	-	20.76	-	-	-	28.77	-8.01

Table 56 - 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):	-		
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):	7.23
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	-	10.47	-	-	-	28.77	-18.30
5745	-	20.75	-	-	-	28.77	-8.02
5785	-	20.77	-	-	-	28.77	-8.00
5825	-	20.82	-	-	-	28.77	-7.95

Table 57 - 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):	-		
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):	7.23
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	-	8.72	-	-	-	28.77	-20.05
5755	-	20.78	-	-	-	28.77	-7.99
5795	-	20.92	-	-	-	28.77	-7.85

Table 58 - 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):	-		
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 (%):	89.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.47
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.23
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	-	4.97	-	-	-	28.77	-23.80
5775	-	20.26	-	-	-	28.77	-8.51

Table 59 - 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):	-		
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):	7.23
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	-	12.09	-	-	-	28.77	-16.68
5745	-	20.84	-	-	-	28.77	-7.93
5785	-	20.84	-	-	-	28.77	-7.93
5825	-	20.71	-	-	-	28.77	-8.06

Table 60 - 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):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.23
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	-	10.88	-	-	-	28.77	-17.89
5755	-	20.94	-	-	-	28.77	-7.83
5795	-	20.89	-	-	-	28.77	-7.88

Table 61 - 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):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.23
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	-	7.08	-	-	-	28.77	-21.69
5775	-	18.83	-	-	-	28.77	-9.94

Table 62 - Maximum Conducted (average) Output Power Results



CDD

U-NII-1

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 (%):	96.5
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.98
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	12.86	12.39	-	-	15.63	23.02	-7.39
5220	12.86	12.80	-	-	15.83	23.02	-7.19
5240	12.98	12.65	-	-	15.82	23.02	-7.20

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

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	5.91	5.52	-	-	8.72	15.70	22.49	-6.79
5220	17.700	5.92	5.69	-	-	8.81	15.79	22.48	-6.69
5240	17.700	5.91	5.66	-	-	8.79	15.77	22.48	-6.71

Table 64 - 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 HT40	Duty Cycle (%):	94.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.98
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	15.39	15.16	-	-	18.14	23.02	-4.88
5230	15.35	15.10	-	-	18.23	23.02	-4.79

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

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	36.480	8.44	8.07	-	-	11.26	18.24	23.00	-4.76
5230	36.360	8.47	8.07	-	-	11.28	18.26	23.00	-4.74

Table 66 - 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:	802.11ac VHT80	Duty Cycle (%):	89.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.98
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	13.40	13.02	-	-	16.22	23.02	-6.80

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

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	75.680	9.44	9.23	-	-	12.34	19.32	23.00	-3.68

Table 68 - 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 (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.98
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	12.98	12.50	-	-	15.75	23.02	-7.27
5220	12.70	12.47	-	-	15.59	23.02	-7.43
5240	12.86	12.76	-	-	15.82	23.02	-7.20

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

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	5.71	5.38	-	-	8.55	15.53	22.81	-7.28
5220	19.080	5.58	5.72	-	-	8.66	15.64	22.81	-7.17
5240	19.020	5.75	5.43	-	-	8.60	15.58	22.79	-7.21

Table 70 - 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 HE40 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.98
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	13.83	13.68	-	-	16.57	23.02	-6.45
5230	15.43	15.20	-	-	18.32	23.02	-4.70

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

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	8.41	8.05	-	-	11.24	18.22	23.00	-4.78
5230	37.920	8.39	8.26	-	-	11.33	18.31	23.00	-4.69

Table 72 - 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 (%):	95.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.98
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	12.17	12.03	-	-	15.11	23.02	-7.91

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

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	9.39	9.14	-	-	12.28	19.26	23.00	-3.74

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



U-NII-2A

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 (%):	96.5
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.47
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	11.81	11.57	-	-	14.71	22.53	-7.82
5300	20.940	11.98	11.40	-	-	14.69	22.53	-7.84
5320	21.900	12.00	11.50	-	-	14.77	22.53	-7.76

Table 75 - 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	17.640	11.81	11.57	-	-	14.71	23.46	-8.76	22.18	29.46	-7.29
5300	17.700	11.98	11.40	-	-	14.69	23.48	-8.79	22.16	29.48	-7.32
5320	17.760	12.00	11.50	-	-	14.77	23.49	-8.73	22.24	29.49	-7.26

Table 76 - 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 HT40	Duty Cycle (%):	94.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.47
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	14.38	14.04	-	-	17.22	22.53	-5.31
5310	42.840	14.25	13.92	-	-	17.10	22.53	-5.43

Table 77 - 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	14.38	14.04	-	-	17.22	24.00	-6.78	24.69	30.00	-5.31
5310	36.480	14.25	13.92	-	-	17.10	24.00	-6.90	24.57	30.00	-5.43

Table 78 - ISD 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 (%):	88.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.47
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	84.040	12.25	12.14	-	-	15.20	22.53	-7.33

Table 79 - 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	12.25	12.14	-	-	15.20	24.00	-8.80	22.67	30.00	-7.33

Table 80 - 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 (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.47
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	11.96	11.69	-	-	14.84	22.53	-7.69
5300	21.240	11.71	11.03	-	-	14.39	22.53	-8.14
5320	23.460	11.76	11.34	-	-	14.56	22.53	-7.97

Table 81 - 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	18.960	11.96	11.69	-	-	14.84	23.78	-8.94	22.31	29.78	-7.47
5300	19.020	11.71	11.03	-	-	14.39	23.79	-9.40	21.86	29.79	-7.93
5320	19.080	11.76	11.34	-	-	14.56	23.81	-9.25	22.03	29.81	-7.78

Table 82 - 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 HE40 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.47
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	42.000	14.49	14.13	-	-	17.33	22.53	-5.20
5310	45.240	13.66	13.17	-	-	16.43	22.53	-6.10

Table 83 - 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	14.49	14.13	-	-	17.33	24.00	-6.67	24.80	30.00	-5.20
5310	38.160	13.66	13.17	-	-	16.43	24.00	-7.57	23.90	30.00	-6.10

Table 84 - 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 (%):	95.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.47
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	85.140	11.39	11.48	-	-	14.44	22.53	-8.09

Table 85 - 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	11.39	11.48	-	-	14.44	24.00	-9.56	21.91	30.00	-8.09

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



U-NII-2C

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)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 (%):	96.5
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.14
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.78
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	21.660	12.19	12.50	-	-	15.35	23.22	-7.87
5600	20.940	11.93	12.23	-	-	15.09	23.22	-8.13
5720	15.500	11.16	11.38	-	-	14.28	22.12	-7.84

Table 87 - 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	17.760	12.19	12.50	-	-	15.35	23.49	-8.14	22.13	29.49	-7.36
5600	17.700	11.93	12.23	-	-	15.09	23.48	-8.39	21.87	29.48	-7.61
5720	13.700	11.16	11.38	-	-	14.28	22.37	-8.09	21.06	28.37	-7.31

Table 88 - 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 C63.10 12.4.2.4
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	93.9
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.26
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.78
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	42.840	14.44	14.67	-	-	17.56	23.22	-5.66
5590	41.400	14.71	14.69	-	-	17.71	23.22	-5.51
5710	35.640	14.32	14.61	-	-	17.48	23.22	-5.74

Table 89 - 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	36.480	14.44	14.67	-	-	17.56	24.00	-6.44	24.34	30.00	-5.66
5590	36.300	14.71	14.69	-	-	17.71	24.00	-6.29	24.49	30.00	-5.51
5710	32.880	14.32	14.61	-	-	17.48	24.00	-6.52	24.26	30.00	-5.74

Table 90 - 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 12.4.3.2 C63.10 12.4.2.4
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	88.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.48
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.78
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	83.380	13.56	13.72	-	-	16.65	23.22	-6.57
5610	84.040	15.40	15.78	-	-	18.60	23.22	-4.62
5690	75.920	15.47	15.58	-	-	18.53	23.22	-4.69

Table 91 - 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	75.680	13.56	13.72	-	-	16.65	24.00	-7.35	23.43	30.00	-6.57
5610	75.460	15.40	15.78	-	-	18.60	24.00	-5.40	25.38	30.00	-4.62
5690	72.180	15.47	15.58	-	-	18.53	24.00	-5.47	25.31	30.00	-4.69

Table 92 - 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 12.4.3.2 C63.10 12.4.2.4
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.78
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	24.480	12.39	12.40	-	-	15.40	23.22	-7.82
5600	21.360	11.90	12.18	-	-	15.05	23.22	-8.17
5720	15.620	11.11	11.31	-	-	14.22	22.16	-7.93

Table 93 - 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	12.39	12.40	-	-	15.40	23.81	-8.41	22.18	29.81	-7.63
5600	19.020	11.90	12.18	-	-	15.05	23.79	-8.75	21.83	29.79	-7.97
5720	14.420	11.11	11.31	-	-	14.22	22.59	-8.37	21.00	28.59	-7.59

Table 94 - 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 12.4.3.2 C63.10 12.4.2.4
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.78
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	45.720	14.28	14.51	-	-	17.40	23.22	-5.82
5590	42.000	14.35	14.66	-	-	17.52	23.22	-5.70
5710	36.000	14.32	14.17	-	-	17.25	23.22	-5.97

Table 95 - 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	14.28	14.51	-	-	17.40	24.00	-6.60	24.18	30.00	-5.82
5590	38.040	14.35	14.66	-	-	17.52	24.00	-6.48	24.30	30.00	-5.70
5710	33.840	14.32	14.17	-	-	17.25	24.00	-6.75	24.03	30.00	-5.97

Table 96 - 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 12.4.3.2 C63.10 12.4.2.4
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.78
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	13.81	13.91	-	-	16.87	23.22	-6.35
5610	88.880	15.38	15.87	-	-	18.64	23.22	-4.58
5690	76.360	15.68	15.52	-	-	18.61	23.22	-4.61

Table 97 - 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	77.440	13.81	13.91	-	-	16.87	24.00	-7.13	23.65	30.00	-6.35
5610	77.220	15.38	15.87	-	-	18.64	24.00	-5.36	25.42	30.00	-4.58
5690	73.280	15.68	15.52	-	-	18.61	24.00	-5.39	25.39	30.00	-4.61

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



U-NII-3

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 C63.10 12.4.2.4
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	96.8
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.14
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.23
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	4.12	4.37	-	-	7.26	28.77	-21.51
5745	20.68	20.67	-	-	23.68	28.77	-5.09
5785	20.77	20.99	-	-	23.89	28.77	-4.88
5825	20.57	20.73	-	-	23.65	28.77	-5.12

Table 99 - 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 C63.10 12.4.2.4
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	94.2
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.26
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.23
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	2.58	2.77	-	-	5.69	28.77	-23.08
5755	20.76	20.86	-	-	23.81	28.77	-4.96
5795	20.89	20.91	-	-	23.91	28.77	-4.86

Table 100 - 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 C63.10 12.4.2.4
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	89.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.48
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.23
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	-0.09	0.13	-	-	3.03	28.77	-25.74
5775	19.38	19.72	-	-	22.56	28.77	-6.21

Table 101 - 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 C63.10 12.4.2.4
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	96.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.23
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	5.82	6.03	-	-	8.94	28.77	-19.83
5745	20.78	20.81	-	-	23.80	28.77	-4.97
5785	20.78	20.75	-	-	23.77	28.77	-5.00
5825	20.64	20.79	-	-	23.73	28.77	-5.04

Table 102 - 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 C63.10 12.4.2.4
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.23
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	4.64	4.56	-	-	7.61	28.77	-21.16
5755	20.75	20.89	-	-	23.82	28.77	-4.95
5795	20.73	20.52	-	-	23.63	28.77	-5.14

Table 103 - 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 C63.10 12.4.2.4
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.23
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	1.78	1.90	-	-	4.85	28.77	-23.92
5775	18.55	18.51	-	-	21.53	28.77	-7.24

Table 104 - Maximum Conducted (average) Output Power Results



SDM

U-NII-1

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):	6.29
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	15.74	15.22	-	-	18.49	23.71	-5.22
5220	15.65	15.54	-	-	18.60	23.71	-5.11
5240	15.94	15.55	-	-	18.76	23.71	-4.95

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

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	8.89	8.48	-	-	11.70	17.99	22.49	-4.51
5220	17.700	8.72	8.42	-	-	11.57	17.86	22.48	-4.62
5240	17.640	8.89	8.47	-	-	11.69	17.98	22.46	-4.49

Table 106 - ISD 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):	6.29
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	15.67	15.56	-	-	18.61	23.71	-5.10
5230	18.48	18.30	-	-	21.38	23.71	-2.33

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

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	36.480	11.16	11.04	-	-	14.10	20.39	23.00	-2.61
5230	36.360	11.07	10.84	-	-	13.95	20.24	23.00	-2.76

Table 108 - 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:	802.11ac VHT80	Duty Cycle (%):	84.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.29
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	13.38	12.99	-	-	16.17	23.71	-7.54

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

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	75.680	12.49	12.09	-	-	15.28	21.57	23.00	-1.43

Table 110 - 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 HE20 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.29
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	15.68	15.49	-	-	18.60	23.71	-5.11
5220	15.74	15.62	-	-	18.69	23.71	-5.02
5240	15.92	15.53	-	-	18.72	23.71	-4.99

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

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	8.69	8.65	-	-	11.68	17.97	22.81	-4.84
5220	19.080	9.00	8.70	-	-	11.86	18.15	22.81	-4.66
5240	19.020	8.83	8.51	-	-	11.67	17.96	22.79	-4.83

Table 112 - 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 (%):	95.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.29
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	13.86	13.72	-	-	16.61	23.71	-7.10
5230	18.24	17.93	-	-	21.09	23.71	-2.62

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

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	11.18	11.12	-	-	14.16	20.45	23.00	-2.55
5230	37.920	11.18	10.71	-	-	13.94	20.23	23.00	-2.77

Table 114 - 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 (%):	95.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.29
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	12.41	12.08	-	-	15.25	23.71	-8.45

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

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	38.280	12.41	12.08	-	-	15.25	21.54	23.00	-1.46

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



U-NII-2A

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 (%):	94.1
Modulation Coding Scheme:	MCS10	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	7.38
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	15.00	14.74	-	-	17.87	22.62	-4.75
5300	21.000	14.95	14.67	-	-	17.81	22.62	-4.81
5320	21.480	14.90	14.26	-	-	17.59	22.62	-5.04

Table 117 - 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	17.640	15.00	14.74	-	-	17.87	23.46	-5.59	25.25	29.46	-4.21
5300	17.700	14.95	14.67	-	-	17.81	23.48	-5.67	25.19	29.48	-4.29
5320	17.760	14.90	14.26	-	-	17.59	23.49	-5.91	24.96	29.49	-4.53

Table 118 - 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 HT40	Duty Cycle (%):	90.1
Modulation Coding Scheme:	MCS10	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	7.38
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	41.040	17.46	17.11	-	-	20.28	22.62	-2.35
5310	42.240	14.95	14.56	-	-	17.76	22.62	-4.87

Table 119 - 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	17.46	17.11	-	-	20.28	24.00	-3.72	27.65	30.00	-2.35
5310	36.480	14.95	14.56	-	-	17.76	24.00	-6.24	25.13	30.00	-4.87

Table 120 - 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):	7.38
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	12.58	12.58	-	-	15.58	22.62	-7.04

Table 121 - 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	12.58	12.58	-	-	15.58	24.00	-8.42	22.96	30.00	-7.04

Table 122 - 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):	7.38
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	21.300	14.82	14.69	-	-	17.76	22.62	-4.86
5300	21.300	14.82	13.80	-	-	17.35	22.62	-5.28
5320	24.240	14.83	14.06	-	-	17.47	22.62	-5.16

Table 123 - 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	14.82	14.69	-	-	17.76	23.79	-6.03	25.14	29.79	-4.65
5300	18.960	14.82	13.80	-	-	17.35	23.78	-6.43	24.72	29.78	-5.06
5320	19.080	14.83	14.06	-	-	17.47	23.81	-6.34	24.84	29.81	-4.96

Table 124 - 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 HE40 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	7.38
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	17.48	17.17	-	-	20.33	22.62	-2.30
5310	47.760	13.61	13.10	-	-	16.37	22.62	-6.25

Table 125 - 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	17.48	17.17	-	-	20.33	24.00	-3.67	27.70	30.00	-2.30
5310	38.160	13.61	13.10	-	-	16.37	24.00	-7.63	23.75	30.00	-6.25

Table 126 - 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 (%):	95.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	7.38
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	87.560	11.42	11.73	-	-	14.59	22.62	-8.04

Table 127 - 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	11.42	11.73	-	-	14.59	24.00	-9.41	21.96	30.00	-8.04

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



U-NII-2C

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)(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 (%):	94.1
Modulation Coding Scheme:	MCS10	DCCF (dB):	0.26
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.74
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	21.840	15.29	15.62	-	-	18.46	23.26	-4.80
5600	20.880	15.72	15.60	-	-	18.66	23.26	-4.60
5720	15.500	14.70	14.96	-	-	17.84	22.16	-4.32

Table 129 - 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	17.760	15.29	15.62	-	-	18.46	23.49	-5.03	25.20	29.49	-4.29
5600	17.700	15.72	15.60	-	-	18.66	23.48	-4.82	25.40	29.48	-4.08
5720	13.700	14.70	14.96	-	-	17.84	22.37	-4.52	24.58	28.37	-3.78

Table 130 - 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)(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):	6.74
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	42.840	16.58	16.92	-	-	19.75	23.26	-3.51
5590	41.300	17.93	17.95	-	-	20.92	23.26	-2.34
5710	35.640	17.24	17.83	-	-	20.56	23.26	-2.70

Table 131 - 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	16.58	16.92	-	-	19.75	24.00	-4.25	26.49	30.00	-3.51
5590	36.360	17.93	17.95	-	-	20.92	24.00	-3.08	27.66	30.00	-2.34
5710	32.800	17.24	17.83	-	-	20.56	24.00	-3.44	27.30	30.00	-2.70

Table 132 - 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)(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 (%):	84.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.76
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.74
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	84.260	14.19	14.22	-	-	17.21	23.26	-6.05
5610	85.800	18.64	18.99	-	-	21.81	23.26	-1.45
5690	76.140	18.67	19.07	-	-	21.89	23.26	-1.37

Table 133 - 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	14.19	14.22	-	-	17.21	24.00	-6.79	23.95	30.00	-6.05
5610	75.680	18.64	18.99	-	-	21.81	24.00	-2.19	28.55	30.00	-1.45
5690	72.180	18.67	19.07	-	-	21.89	24.00	-2.11	28.63	30.00	-1.37

Table 134 - 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)(ii), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.19
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.74
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	26.520	15.15	15.55	-	-	18.36	23.26	-4.90
5600	21.240	15.38	15.61	-	-	18.50	23.26	-4.76
5720	15.620	14.29	14.23	-	-	17.27	22.20	-4.93

Table 135 - 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	15.15	15.55	-	-	18.36	23.81	-5.45	25.10	29.81	-4.71
5600	19.020	15.38	15.61	-	-	18.50	23.79	-5.29	25.24	29.79	-4.55
5720	14.420	14.29	14.23	-	-	17.27	22.59	-5.32	24.01	28.59	-4.58

Table 136 - 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)(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 (%):	95.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.19
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.74
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	45.120	14.02	14.42	-	-	17.23	23.26	-6.03
5590	41.760	17.81	17.90	-	-	20.86	23.26	-2.39
5710	36.000	17.17	17.45	-	-	20.32	23.26	-2.94

Table 137 - 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	14.02	14.42	-	-	17.23	24.00	-6.77	23.97	30.00	-6.03
5590	38.040	17.81	17.90	-	-	20.86	24.00	-3.14	27.61	30.00	-2.39
5710	33.840	17.17	17.45	-	-	20.32	24.00	-3.68	27.06	30.00	-2.94

Table 138 - 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)(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 (%):	95.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.20
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.74
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	14.15	14.16	-	-	17.17	23.26	-6.09
5610	87.340	18.64	18.95	-	-	21.80	23.26	-1.46
5690	76.580	18.58	18.95	-	-	21.78	23.26	-1.48

Table 139 - 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	77.440	14.15	14.16	-	-	17.17	24.00	-6.83	23.91	30.00	-6.09
5610	77.220	18.64	18.95	-	-	21.80	24.00	-2.20	28.54	30.00	-1.46
5690	73.280	18.58	18.95	-	-	21.78	24.00	-2.22	28.52	30.00	-1.48

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



U-NII-3

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)(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):	0.25
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.97
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	7.71	7.87	-	-	10.80	29.03	-18.23
5745	20.61	20.84	-	-	23.72	29.61	-5.88
5785	20.71	20.93	-	-	23.82	29.61	-5.79
5825	20.72	20.89	-	-	23.81	29.61	-5.80

Table 141 - 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)(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):	6.97
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	5.41	6.03	-	-	8.74	29.03	-20.29
5755	20.76	20.82	-	-	23.78	29.61	-5.83
5795	20.93	20.71	-	-	23.81	29.61	-5.79

Table 142 - 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)(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):	6.97
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	2.71	3.44	-	-	6.10	29.03	-22.93
5775	19.63	19.91	-	-	22.76	29.61	-6.84

Table 143 - 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)(ii), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	96.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.17
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.97
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	8.96	8.97	-	-	11.98	29.03	-17.05
5745	20.96	20.93	-	-	23.96	29.61	-5.65
5785	20.72	20.67	-	-	23.70	29.61	-5.90
5825	20.59	20.73	-	-	23.67	29.61	-5.93

Table 144 - 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)(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 (%):	96.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.18
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.97
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	7.42	7.79	-	-	10.62	29.03	-18.41
5755	20.44	20.70	-	-	23.56	29.61	-6.04
5795	20.65	20.63	-	-	23.65	29.61	-5.95

Table 145 - 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)(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 (%):	95.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.19
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.97
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	4.55	5.07	-	-	7.83	29.03	-21.20
5775	18.70	18.79	-	-	21.76	29.61	-7.85

Table 146 - Maximum Conducted (average) Output Power Results



TxBF

U-NII-1

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 (%):	43.1
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.27
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	12.77	12.22	-	-	15.48	20.73	-5.25
5220	12.92	12.22	-	-	15.59	20.73	-5.14
5240	12.87	12.48	-	-	15.56	20.73	-5.17

Table 147 - 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 (%):	51.4
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.27
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	17.880	5.37	3.96	-	-	7.73	17.00	22.52	-5.52
5220	17.820	5.45	4.15	-	-	7.86	17.12	22.51	-5.39
5240	17.760	5.82	4.97	-	-	8.42	17.69	22.49	-4.81

Table 148 - 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 (%):	87.8
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.27
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	14.28	13.25	-	-	16.77	20.73	-3.96
5230	15.46	14.16	-	-	17.84	20.73	-2.89

Table 149 - 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 (%):	88.6
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.27
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	8.25	7.57	-	-	10.90	20.17	23.00	-2.83
5230	36.480	8.27	7.21	-	-	10.74	20.01	23.00	-2.99

Table 150 - 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 (%):	84.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.27
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	11.60	10.14	-	-	13.93	20.73	-6.80

Table 151 - 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 (%):	84.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.27
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	76.120	9.19	8.34	-	-	11.79	21.06	23.00	-1.94

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



U-NII-2A

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 (%):	36.4
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	10.39
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	11.37	10.49	-	-	13.96	19.61	-5.66
5300	21.180	11.90	10.78	-	-	14.38	19.61	-5.24
5320	21.360	11.11	10.59	-	-	13.86	19.61	-5.75

Table 153 - 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	11.37	10.49	-	-	13.96	23.48	-9.52	24.34	29.48	-5.14
5300	17.760	11.90	10.78	-	-	14.38	23.49	-9.12	24.76	29.49	-4.73
5320	17.820	11.11	10.59	-	-	13.86	23.51	-9.65	24.25	29.51	-5.26

Table 154 - 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 (%):	93.9
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	10.39
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	41.640	14.04	13.00	-	-	16.55	19.61	-3.07
5310	41.520	12.94	11.86	-	-	15.44	19.61	-4.17

Table 155 - 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	36.480	14.04	13.00	-	-	16.55	24.00	-7.45	26.93	30.00	-3.07
5310	36.600	12.94	11.86	-	-	15.44	24.00	-8.56	25.83	30.00	-4.17

Table 156 - 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 (%):	92.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	10.39
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	82.500	11.18	10.46	-	-	13.85	19.61	-5.77

Table 157 - 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	76.120	11.18	10.46	-	-	13.85	24.00	-10.15	24.23	30.00	-5.77

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



U-NII-2C

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 (%):	91.3
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.40
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.75
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	21.120	12.20	12.07	-	-	15.15	20.25	-5.10
5600	20.820	11.98	11.38	-	-	14.69	20.25	-5.56
5720	15.440	11.30	11.04	-	-	14.18	19.14	-4.96

Table 159 - 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	12.20	12.07	-	-	15.15	23.51	-8.36	24.90	29.51	-4.61
5600	17.760	11.98	11.38	-	-	14.69	23.49	-8.80	24.44	29.49	-5.05
5720	13.820	11.30	11.04	-	-	14.18	22.41	-8.22	23.93	28.41	-4.47

Table 160 - ISD 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 (%):	93.7
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.28
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.75
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	41.400	14.66	14.06	-	-	17.37	20.25	-2.88
5590	40.600	13.99	12.83	-	-	16.45	20.25	-3.80
5710	36.000	14.31	13.30	-	-	16.84	20.25	-3.40

Table 161 - 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	36.480	14.66	14.06	-	-	17.37	24.00	-6.63	27.12	30.00	-2.88
5590	36.800	13.99	12.83	-	-	16.45	24.00	-7.55	26.20	30.00	-3.80
5710	33.000	14.31	13.30	-	-	16.84	24.00	-7.16	26.60	30.00	-3.40

Table 162 - 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 (%):	92.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.33
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.75
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	82.280	13.52	13.17	-	-	16.36	20.25	-3.89
5610	82.060	15.89	14.99	-	-	18.47	20.25	-1.78
5690	76.140	15.45	14.86	-	-	18.17	20.25	-2.08

Table 163 - 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	13.52	13.17	-	-	16.36	24.00	-7.64	26.11	30.00	-3.89
5610	75.680	15.89	14.99	-	-	18.47	24.00	-5.53	28.22	30.00	-1.78
5690	72.400	15.45	14.86	-	-	18.17	24.00	-5.83	27.92	30.00	-2.08

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



U-NII-3

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 (%):	93.7
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.28
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.98
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	5.41	4.08	-	-	7.81	26.02	-18.21
5745	20.62	20.54	-	-	23.56	26.64	-3.08
5785	20.89	20.69	-	-	23.80	26.64	-2.84
5825	20.65	20.10	-	-	23.39	26.64	-3.25

Table 165 - 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 (%):	92.7
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.33
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.98
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	3.52	2.96	-	-	6.26	26.02	-19.76
5755	20.63	20.11	-	-	23.38	26.64	-3.26
5795	20.27	20.36	-	-	23.28	26.64	-3.36

Table 166 - 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 (%):	93.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.30
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.98
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	-0.74	-1.09	-	-	2.10	26.02	-23.92
5775	18.31	18.03	-	-	21.18	26.64	-5.46

Table 167 - 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 168

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 169



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
Antenna	EMCO	3115	0793	12	15-Oct-2022
Multimeter	Iso-tech	IDM101	2421	12	28-Oct-2022
Hygrometer	Rotronic	I-1000	3220	12	05-Nov-2022
1800-6000 MHz Power Splitter	Mini-Circuits	ZN2PD-63-S+	4055	-	O/P Mon
Frequency Standard	Spectracom	SecureSync 1200-0408-0601	4393	6	30-Jun-2022
AC Programmable Power Supply	iTech	IT7324	5226	-	O/P Mon
Cable (sma-sma, 2 m)	Junkosha	MWX221-02000DMS	5428	12	20-Oct-2022
3.5 mm 2m Cable	Junkosha	MWX221-02000DMS	5429	12	23-Jun-2022
3.5 mm 2m Cable	Junkosha	MWX221-02000DMS	5430	12	23-Jun-2022
MXA Signal Analyser	Keysight Technologies	N9020B	5529	24	06-Jun-2022
2-Way Power Divider (2 to 8 GHz)	Aaren	AT30A-TE0208-2-AF	5684	12	20-Dec-2022
2-Way Power Divider (2-8 GHz)	Aaren	AT30A-TE0208-2-AF	5685	12	20-Dec-2022
Signal Commissioning Unit	TUV SUD	SCU002	5759	12	30-Jun-2022
USB Power Sensor	Boonton	RTP5008	5830	12	10-May-2022
USB Power Sensor	Boonton	RTP5008	5832	12	10-May-2022
USB Power Sensor	Boonton	RTP5008	5833	12	10-May-2022
USB Power Sensor	Boonton	RTP5008	5834	12	10-May-2022
Modular Power System Mainframe	Keysight Technologies	N6701C	5835	-	TU
DC Power Module 60V 20A 300W	Keysight Technologies	N6754A	5836	-	O/P Mon

Table 170

TU - Traceability Unscheduled

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

A2681, S/N: TN4J7KWW5H - Modification State 0
A2681, S/N: T60JJCR4F6 - Modification State 0

2.3.3 Date of Test

24-March-2022 to 22-April-2022

2.3.4 Test Method

The test was performed in accordance with ANSI C63.10, clause 12.5.

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

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.

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

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

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

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

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

2.3.5 Environmental Conditions

Ambient Temperature	22.5 - 24.3 °C
Relative Humidity	22.7 - 38.1 %



2.3.6 Test Results

5 GHz WLAN

SISO

U-NII-1

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) 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 (%):	97.6
Data Rate:	12 Mbps	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.98
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	8.73	-	-	-	-	10.02	-1.29
5220	8.52	-	-	-	-	10.02	-1.50
5240	9.31	-	-	-	-	10.02	-0.71

Table 171 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180	1.83	-	-	-	-	8.81	10.00	-1.19
5220	2.14	-	-	-	-	9.12	10.00	-0.88
5240	2.28	-	-	-	-	9.26	10.00	-0.74

Table 172 - ISSED Maximum Power Spectral Density Results



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):	6.98
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	8.33	-	-	-	-	10.02	-1.69
5220	8.68	-	-	-	-	10.02	-1.34
5240	8.77	-	-	-	-	10.02	-1.25

Table 173 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180	1.50	-	-	-	-	8.48	10.00	-1.52
5220	1.67	-	-	-	-	8.65	10.00	-1.35
5240	1.75	-	-	-	-	8.73	10.00	-1.27

Table 174 - ISED Maximum Power Spectral Density Results



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):	6.98
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	2.91	-	-	-	-	10.02	-7.11
5230	7.46	-	-	-	-	10.02	-2.56

Table 175 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5190	1.43	-	-	-	-	8.41	10.00	-1.59
5230	1.19	-	-	-	-	8.17	10.00	-1.83

Table 176 - ISSED Maximum Power Spectral Density Results



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):	6.98
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	-2.40	-	-	-	-	10.02	-12.42

Table 177 - FCC Maximum Power Spectral Density Results

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):	6.98
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5210	-2.97	-	-	-	-	4.01	10.00	-5.99

Table 178 - ISSED Maximum Power Spectral Density Results



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):	6.98
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	7.24	-	-	-	-	10.02	-2.78
5220	7.51	-	-	-	-	10.02	-2.51
5240	7.74	-	-	-	-	10.02	-2.28

Table 179 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180	-0.03	-	-	-	-	6.95	10.00	-3.05
5220	0.16	-	-	-	-	7.14	10.00	-2.86
5240	0.38	-	-	-	-	7.36	10.00	-2.64

Table 180 - ISED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.98
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	0.48	-	-	-	-	10.02	-9.54
5230	5.23	-	-	-	-	10.02	-4.79

Table 181 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5190	-0.20	-	-	-	-	6.78	10.00	-3.22
5230	0.24	-	-	-	-	7.22	10.00	-2.78

Table 182 - ISSED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.20
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.98
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	-3.25	-	-	-	-	10.02	-13.27

Table 183 - FCC Maximum Power Spectral Density Results

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.20
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.98
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5210	-4.00	-	-	-	-	2.98	10.00	-7.02

Table 184 - ISSED Maximum Power Spectral Density Results



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):	6.98
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)	4.83	-	-	-	-	10.02	-5.19
5220 (RU26.0)	7.97	-	-	-	-	10.02	-2.05
5240 (RU26.0)	8.34	-	-	-	-	10.02	-1.68

Table 185 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180 (RU26.0)	1.19	-	-	-	-	8.17	10.00	-1.83
5220 (RU26.0)	1.33	-	-	-	-	8.31	10.00	-1.69
5240 (RU26.0)	1.32	-	-	-	-	8.30	10.00	-1.70

Table 186 - ISED Maximum Power Spectral Density Results



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):	6.98
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)	8.46	-	-	-	-	10.02	-1.56
5220 (RU52.37)	8.62	-	-	-	-	10.02	-1.40
5240 (RU52.37)	8.63	-	-	-	-	10.02	-1.39

Table 187 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180 (RU52.37)	1.79	-	-	-	-	8.77	10.00	-1.23
5220 (RU52.37)	1.63	-	-	-	-	8.61	10.00	-1.39
5240 (RU52.37)	1.70	-	-	-	-	8.68	10.00	-1.32

Table 188 - ISSED Maximum Power Spectral Density Results



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):	6.98
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)	5.16	-	-	-	-	10.02	-4.86
5220 (RU106.53)	8.78	-	-	-	-	10.02	-1.24
5240 (RU106.53)	8.76	-	-	-	-	10.02	-1.26

Table 189 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180 (RU106.53)	1.39	-	-	-	-	8.37	10.00	-1.63
5220 (RU106.53)	1.74	-	-	-	-	8.72	10.00	-1.28
5240 (RU106.53)	1.66	-	-	-	-	8.64	10.00	-1.36

Table 190 - ISED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE40 RU26	Duty Cycle (%):	97.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.11
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.98
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 (RU26.0)	8.33	-	-	-	-	10.02	-1.69
5230 (RU26.0)	8.37	-	-	-	-	10.02	-1.65

Table 191 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5190 (RU26.0)	1.69	-	-	-	-	8.67	10.00	-1.33
5230 (RU26.0)	1.17	-	-	-	-	8.15	10.00	-1.85

Table 192 - ISSED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE40 RU52	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.98
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 (RU52.37)	8.48	-	-	-	-	10.02	-1.54
5230 (RU52.37)	8.79	-	-	-	-	10.02	-1.23

Table 193 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5190 (RU52.37)	1.35	-	-	-	-	8.33	10.00	-1.67
5230 (RU52.37)	1.89	-	-	-	-	8.87	10.00	-1.13

Table 194 - ISSED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE40 RU106	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.98
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 (RU106.53)	9.16	-	-	-	-	10.02	-0.86
5230 (RU106.53)	8.70	-	-	-	-	10.02	-1.32

Table 195 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5190 (RU106.53)	1.86	-	-	-	-	8.84	10.00	-1.16
5230 (RU106.53)	1.23	-	-	-	-	8.21	10.00	-1.79

Table 196 - ISSED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE80 RU26	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.98
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 (RU26.0)	7.66	-	-	-	-	10.02	-2.36

Table 197 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5210 (RU26.0)	-0.38	-	-	-	-	6.60	10.00	-3.40

Table 198 - ISED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE80 RU52	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.98
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 (RU52.37)	6.32	-	-	-	-	10.02	-3.70

Table 199 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5210 (RU52.37)	1.56	-	-	-	-	8.54	10.00	-1.46

Table 200 - ISED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE80 RU106	Duty Cycle (%):	96.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.14
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.98
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 (RU106.53)	5.85	-	-	-	-	10.02	-4.17

Table 201 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5210 (RU106.53)	1.37	-	-	-	-	8.35	10.00	-1.65

Table 202 - ISED Maximum Power Spectral Density Results



U-NII-2A

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):	7.47
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	-	8.39	-	-	-	9.53	-1.14
5300	-	8.68	-	-	-	9.53	-0.85
5320	-	8.45	-	-	-	9.53	-1.08

Table 203 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260	-	8.39	-	-	-	11.00	-2.61
5300	-	8.68	-	-	-	11.00	-2.32
5320	-	8.45	-	-	-	11.00	-2.55

Table 204 - ISED Maximum Power Spectral Density Results



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):	7.47
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	-	7.95	-	-	-	9.53	-1.58
5300	-	8.32	-	-	-	9.53	-1.21
5320	-	8.13	-	-	-	9.53	-1.40

Table 205 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260	-	7.95	-	-	-	11.00	-3.05
5300	-	8.32	-	-	-	11.00	-2.68
5320	-	8.13	-	-	-	11.00	-2.87

Table 206 - ISSED Maximum Power Spectral Density Results



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):	7.47
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	-	7.57	-	-	-	9.53	-1.96
5310	-	2.39	-	-	-	9.53	-7.14

Table 207 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5270	-	7.57	-	-	-	11.00	-3.43
5310	-	2.39	-	-	-	11.00	-8.61

Table 208 - ISED Maximum Power Spectral Density Results



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):	7.47
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	-	-2.11	-	-	-	9.53	-11.64

Table 209 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5290	-	-2.11	-	-	-	11.00	-13.11

Table 210 - ISED Maximum Power Spectral Density Results



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):	7.47
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	-	6.54	-	-	-	9.53	-2.99
5300	-	7.07	-	-	-	9.53	-2.46
5320	-	6.79	-	-	-	9.53	-2.74

Table 211 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260	-	6.54	-	-	-	11.00	-4.46
5300	-	7.07	-	-	-	11.00	-3.93
5320	-	6.79	-	-	-	11.00	-4.21

Table 212 - ISSED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.47
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	-	5.63	-	-	-	9.53	-3.90
5310	-	0.34	-	-	-	9.53	-9.19

Table 213 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5270	-	5.63	-	-	-	11.00	-5.37
5310	-	0.34	-	-	-	11.00	-10.66

Table 214 - ISED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.20
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.47
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	-	-2.73	-	-	-	9.53	-12.26

Table 215 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5290	-	-2.73	-	-	-	11.00	-13.73

Table 216 - ISED Maximum Power Spectral Density Results



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):	7.47
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)	-	7.84	-	-	-	9.53	-1.69
5300 (RU52.37)	-	8.22	-	-	-	9.53	-1.31
5320 (RU52.37)	-	4.88	-	-	-	9.53	-4.65

Table 217 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260 (RU52.37)	-	7.84	-	-	-	11.00	-3.16
5300 (RU52.37)	-	8.22	-	-	-	11.00	-2.78
5320 (RU52.37)	-	4.88	-	-	-	11.00	-6.12

Table 218 - ISSED Maximum Power Spectral Density Results



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):	7.47
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)	-	8.13	-	-	-	9.53	-1.40
5300 (RU106.53)	-	8.37	-	-	-	9.53	-1.16
5320 (RU106.53)	-	4.92	-	-	-	9.53	-4.61

Table 219 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260 (RU106.53)	-	8.13	-	-	-	11.00	-2.87
5300 (RU106.53)	-	8.37	-	-	-	11.00	-2.63
5320 (RU106.53)	-	4.92	-	-	-	11.00	-6.08

Table 220 - ISSED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE40 RU52	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.47
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 (RU52.37)	-	7.65	-	-	-	9.53	-1.88
5310 (RU52.37)	-	8.20	-	-	-	9.53	-1.33

Table 221 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5270 (RU52.37)	-	7.65	-	-	-	11.00	-3.35
5310 (RU52.37)	-	8.20	-	-	-	11.00	-2.80

Table 222 - ISED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE40 RU106	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.47
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 (RU106.53)	-	7.53	-	-	-	9.53	-2.00

Table 223 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5270 (RU106.53)	-	7.10	-	-	-	11.00	-3.90

Table 224 - ISED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE80 RU52	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.47
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 (RU52.37)	-	1.90	-	-	-	9.53	-7.63

Table 225 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5290 (RU52.37)	-	0.85	-	-	-	11.00	-10.15

Table 226 - ISED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE80 RU52	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.47
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 (RU52.37)	-	2.10	-	-	-	9.53	-7.43

Table 227 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5290 (RU52.37)	-	2.10	-	-	-	11.00	-8.90

Table 228 - ISED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE80 RU106	Duty Cycle (%):	96.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.14
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.47
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 (RU106.53)	-	3.28	-	-	-	9.53	-6.25

Table 229 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5290 (RU106.53)	-	2.07	-	-	-	11.00	-8.93

Table 230 - ISED Maximum Power Spectral Density Results



U-NII-2C

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):	6.78
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	-	9.41	-	-	-	10.22	-0.81
5600	-	9.07	-	-	-	10.22	-1.15
5720	-	9.01	-	-	-	10.22	-1.21

Table 231 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5500	-	9.41	-	-	-	11.00	-1.59
5600	-	9.07	-	-	-	11.00	-1.93
5720	-	9.01	-	-	-	11.00	-1.99

Table 232 - ISSED Maximum Power Spectral Density Results



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):	6.78
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	-	8.92	-	-	-	10.22	-1.30
5600	-	8.99	-	-	-	10.22	-1.23
5720	-	8.50	-	-	-	10.22	-1.72

Table 233 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5500	-	8.92	-	-	-	11.00	-2.08
5600	-	8.99	-	-	-	11.00	-2.01
5720	-	8.50	-	-	-	11.00	-2.50

Table 234 - ISSED Maximum Power Spectral Density Results



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):	6.78
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	-	4.94	-	-	-	10.22	-5.28
5590	-	8.81	-	-	-	10.22	-1.41
5710	-	8.31	-	-	-	10.22	-1.91

Table 235 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5510	-	4.94	-	-	-	11.00	-6.06
5590	-	8.81	-	-	-	11.00	-2.19
5710	-	8.31	-	-	-	11.00	-2.69

Table 236 - ISSED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	89.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.50
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.78
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	-	-0.17	-	-	-	10.22	-10.39
5610	-	5.47	-	-	-	10.22	-4.75
5690	-	5.50	-	-	-	10.22	-4.72

Table 237 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5530	-	-0.17	-	-	-	11.00	-11.17
5610	-	5.47	-	-	-	11.00	-5.53
5690	-	5.50	-	-	-	11.00	-5.50

Table 238 - ISED Maximum Power Spectral Density Results



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):	6.78
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	-	7.47	-	-	-	10.22	-2.75
5600	-	7.50	-	-	-	10.22	-2.72
5720	-	7.17	-	-	-	10.22	-3.05

Table 239 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5500	-	7.47	-	-	-	11.00	-3.53
5600	-	7.50	-	-	-	11.00	-3.50
5720	-	7.17	-	-	-	11.00	-3.83

Table 240 - ISSED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.78
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	-	2.23	-	-	-	10.22	-7.99
5590	-	7.03	-	-	-	10.22	-3.19
5710	-	7.17	-	-	-	10.22	-3.05

Table 241 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5510	-	2.23	-	-	-	11.00	-8.77
5590	-	7.03	-	-	-	11.00	-3.97
5710	-	7.17	-	-	-	11.00	-3.83

Table 242 - ISSED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.20
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.78
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	-	-1.79	-	-	-	10.22	-12.01
5610	-	4.62	-	-	-	10.22	-5.60
5690	-	4.48	-	-	-	10.22	-5.74

Table 243 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5530	-	-1.79	-	-	-	11.00	-12.79
5610	-	4.62	-	-	-	11.00	-6.38
5690	-	4.48	-	-	-	11.00	-6.52

Table 244 - ISSED Maximum Power Spectral Density Results



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):	6.78
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)	-	8.46	-	-	-	10.22	-1.76
5600 (RU52.37)	-	8.68	-	-	-	10.22	-1.54
5720 (RU52.37)	-	8.73	-	-	-	10.22	-1.49
5720 (RU52.40)	-	-0.27	-	-	-	10.22	-10.49

Table 245 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5500 (RU52.37)	-	8.46	-	-	-	11.00	-2.54
5600 (RU52.37)	-	8.68	-	-	-	11.00	-2.32
5720 (RU52.37)	-	8.73	-	-	-	11.00	-2.27
5720 (RU52.40)	-	-0.27	-	-	-	11.00	-11.27

Table 246 - ISED Maximum Power Spectral Density Results



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):	6.78
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)	-	8.74	-	-	-	10.22	-1.48
5600 (RU106.53)	-	8.92	-	-	-	10.22	-1.30
5720 (RU106.53)	-	8.71	-	-	-	10.22	-1.51
5720 (RU106.54)	-	8.74	-	-	-	10.22	-1.48

Table 247 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm/ MHz)	Margin (dB)
	A	B	C	D	Σ		
5500 (RU106.53)	-	8.74	-	-	-	11.00	-2.26
5600 (RU106.53)	-	8.92	-	-	-	11.00	-2.08
5720 (RU106.53)	-	8.71	-	-	-	11.00	-2.29
5720 (RU106.54)	-	8.74	-	-	-	11.00	-2.26

Table 248 - ISED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE40 RU52	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.78
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 (RU52.37)	-	8.02	-	-	-	10.22	-2.20
5590 (RU52.37)	-	8.89	-	-	-	10.22	-1.33
5710 (RU52.37)	-	8.36	-	-	-	10.22	-1.86
5710 (RU52.44)	-	4.40	-	-	-	10.22	-5.82

Table 249 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm/ MHz)	Margin (dB)
	A	B	C	D	Σ		
5510 (RU52.37)	-	8.02	-	-	-	11.00	-2.98
5590 (RU52.37)	-	8.89	-	-	-	11.00	-2.11
5710 (RU52.37)	-	8.36	-	-	-	11.00	-2.64
5710 (RU52.44)	-	4.40	-	-	-	11.00	-6.60

Table 250 - ISED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE40 RU106	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.78
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		
5710 (RU106.56)	-	8.80	-	-	-	10.22	-1.42

Table 251 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm/ MHz)	Margin (dB)
	A	B	C	D	Σ		
5710 (RU106.56)	-	8.80	-	-	-	11.00	-2.20

Table 252 - ISED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE80 RU52	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.78
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 (RU52.37)	-	6.11	-	-	-	10.22	-4.11
5610 (RU52.37)	-	8.68	-	-	-	10.22	-1.54
5690 (RU52.37)	-	8.47	-	-	-	10.22	-1.75
5690 (RU52.52)	-	3.30	-	-	-	10.22	-6.92

Table 253 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm/ MHz)	Margin (dB)
	A	B	C	D	Σ		
5530 (RU52.37)	-	6.11	-	-	-	11.00	-4.89
5610 (RU52.37)	-	8.68	-	-	-	11.00	-2.32
5690 (RU52.37)	-	8.47	-	-	-	11.00	-2.53
5690 (RU52.52)	-	3.30	-	-	-	11.00	-7.70

Table 254 - ISED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE80 RU106	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.78
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		
5690 (RU106.60)	-	8.32	-	-	-	10.22	-1.90

Table 255 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm/ MHz)	Margin (dB)
	A	B	C	D	Σ		
5690 (RU106.60)	-	8.32	-	-	-	11.00	-2.68

Table 256 - ISED Maximum Power Spectral Density Results



U-NII-3

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):	7.23
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	-	3.74	-	-	-	28.77	-25.03
5745	-	8.70	-	-	-	28.77	-20.07
5785	-	8.82	-	-	-	28.77	-19.95
5825	-	8.84	-	-	-	28.77	-19.93

Table 257 - Maximum Power Spectral Density Results

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):	7.23
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	-	3.33	-	-	-	28.77	-25.44
5745	-	8.65	-	-	-	28.77	-20.12
5785	-	8.41	-	-	-	28.77	-20.36
5825	-	8.40	-	-	-	28.77	-20.37

Table 258 - Maximum Power Spectral Density Results



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):	7.23
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	-	2.36	-	-	-	28.77	-26.41
5755	-	5.54	-	-	-	28.77	-23.23
5795	-	5.72	-	-	-	28.77	-23.05

Table 259 - Maximum Power Spectral Density Results

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	89.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.47
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.23
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	-	-1.68	-	-	-	28.77	-30.45
5775	-	2.46	-	-	-	28.77	-26.31

Table 260 - Maximum Power Spectral Density Results



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):	7.23
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	-	4.07	-	-	-	28.77	-24.70
5745	-	7.33	-	-	-	28.77	-21.44
5785	-	6.79	-	-	-	28.77	-21.98
5825	-	7.18	-	-	-	28.77	-21.59

Table 261 - Maximum Power Spectral Density Results

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.23
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	-	3.70	-	-	-	28.77	-25.07
5755	-	4.60	-	-	-	28.77	-24.17
5795	-	4.53	-	-	-	28.77	-24.24

Table 262 - Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.23
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	-	-0.07	-	-	-	28.77	-28.84
5775	-	-0.14	-	-	-	28.77	-28.91

Table 263 - Maximum Power Spectral Density Results

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):	7.23
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)	-	8.39	-	-	-	28.77	-20.38
5785 (RU26.0)	-	8.33	-	-	-	28.77	-20.44
5825 (RU26.0)	-	7.74	-	-	-	28.77	-21.03

Table 264 - Maximum Power Spectral Density Results



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):	7.23
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 (RU52.37)	-	-13.25	-	-	-	28.77	-42.02
5720 (RU52.40)	-	5.93	-	-	-	28.77	-22.84
5745 (RU52.37)	-	8.41	-	-	-	28.77	-20.36
5785 (RU52.37)	-	8.19	-	-	-	28.77	-20.58
5825 (RU52.37)	-	8.41	-	-	-	28.77	-20.36

Table 265 - Maximum Power Spectral Density Results

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):	7.23
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 (RU106.53)	-	-9.20	-	-	-	28.77	-37.97
5720 (RU106.54)	-	5.60	-	-	-	28.77	-23.17

Table 266 - Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE40 RU26	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.23
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		
5755 (RU26.0)	-	7.87	-	-	-	28.77	-20.90
5795 (RU26.0)	-	8.20	-	-	-	28.77	-20.57

Table 267 - Maximum Power Spectral Density Results

DUT Configuration			
Mode:	802.11ax HE40 RU52	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.23
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 (RU52.37)	-	-36.68	-	-	-	28.77	-65.45
5710 (RU52.44)	-	5.63	-	-	-	28.77	-23.14
5755 (RU52.37)	-	8.33	-	-	-	28.77	-20.44
5795 (RU52.37)	-	8.61	-	-	-	28.77	-20.16

Table 268 - Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE40 RU106	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.23
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 (RU106.56)	-	5.96	-	-	-	28.77	-22.81

Table 269 - Maximum Power Spectral Density Results

DUT Configuration			
Mode:	802.11ax HE80 RU26	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.23
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		
5775 (RU26.0)	-	8.01	-	-	-	28.77	-20.76

Table 270 - Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE80 RU52	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.23
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 (RU52.37)	-	-42.84	-	-	-	28.77	-71.61
5690 (RU52.52)	-	5.49	-	-	-	28.77	-23.28
5775 (RU52.37)	-	8.91	-	-	-	28.77	-19.86

Table 271 - Maximum Power Spectral Density Results

DUT Configuration			
Mode:	802.11ax HE80 RU106	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	7.23
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 (RU106.60)	-	5.20	-	-	-	28.77	-23.57

Table 272 - Maximum Power Spectral Density Results



CDD

U-NII-1

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) 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 (%):	96.5
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.15
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.27
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	3.28	3.10	-	-	6.20	7.73	-1.53
5220	2.96	2.88	-	-	5.93	7.73	-1.80
5240	3.47	2.67	-	-	6.10	7.73	-1.63

Table 273 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180	-4.11	-4.33	-	-	-1.21	8.06	10.00	-1.94
5220	-3.79	-4.00	-	-	-0.88	8.38	10.00	-1.62
5240	-3.52	-3.74	-	-	-0.62	8.65	10.00	-1.35

Table 274 - ISED Maximum Power Spectral Density Results



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):	9.27
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	2.61	2.20	-	-	5.42	7.73	-2.31
5230	2.63	2.16	-	-	5.41	7.73	-2.32

Table 275 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5190	-4.36	-4.79	-	-	-1.56	7.71	10.00	-2.29
5230	-4.34	-4.86	-	-	-1.58	7.69	10.00	-2.31

Table 276 - ISED Maximum Power Spectral Density Results

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):	9.27
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	-2.05	-2.88	-	-	0.56	7.73	-7.17

Table 277 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5210	-6.11	-6.50	-	-	-3.29	5.98	10.00	-4.02

Table 278 - ISED Maximum Power Spectral Density Results



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):	9.27
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	1.62	1.05	-	-	4.35	7.73	-3.38
5220	1.31	1.15	-	-	4.24	7.73	-3.49
5240	2.00	1.43	-	-	4.73	7.73	-3.00

Table 279 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180	-5.64	-5.70	-	-	-2.66	6.61	10.00	-3.39
5220	-5.61	-5.79	-	-	-2.69	6.58	10.00	-3.42
5240	-5.30	-5.56	-	-	-2.42	6.85	10.00	-3.15

Table 280 - ISD Maximum Power Spectral Density Results

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.27
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	-0.25	-0.75	-	-	2.52	7.73	-5.21
5230	1.50	1.15	-	-	4.34	7.73	-3.39

Table 281 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5190	-5.74	-6.14	-	-	-2.92	6.35	10.00	-3.65
5230	-5.52	-5.94	-	-	-2.71	6.56	10.00	-3.44

Table 282 - ISD Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.20
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.27
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	-4.28	-5.07	-	-	-1.65	7.73	-9.38

Table 283 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5210	-7.30	-7.58	-	-	-4.43	4.84	10.00	-5.16

Table 284 - ISED Maximum Power Spectral Density Results

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):	9.27
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)	2.68	2.55	-	-	5.63	7.73	-2.10
5220 (RU26.0)	2.61	1.90	-	-	5.28	7.73	-2.45
5240 (RU26.0)	2.32	2.04	-	-	5.19	7.73	-2.54

Table 285 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180 (RU26.0)	-4.82	-5.13	-	-	-1.96	7.31	10.00	-2.69
5220 (RU26.0)	-4.40	-4.97	-	-	-1.67	7.60	10.00	-2.40
5240 (RU26.0)	-4.56	-4.72	-	-	-1.63	7.64	10.00	-2.36

Table 286 - ISED Maximum Power Spectral Density Results



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):	9.27
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)	2.84	2.82	-	-	5.84	7.73	-1.89
5220 (RU52.37)	2.78	2.69	-	-	5.74	7.73	-1.99
5240 (RU52.37)	2.83	2.50	-	-	5.68	7.73	-2.05

Table 287 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180 (RU52.37)	-4.10	-4.45	-	-	-1.26	8.01	10.00	-1.99
5220 (RU52.37)	-4.14	-4.48	-	-	-1.30	7.97	10.00	-2.03
5240 (RU52.37)	-4.13	-4.57	-	-	-1.33	7.93	10.00	-2.07

Table 288 - ISED Maximum Power Spectral Density Results

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):	9.27
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)	3.07	2.56	-	-	5.83	7.73	-1.90
5220 (RU106.53)	3.09	2.42	-	-	5.78	7.73	-1.96
5240 (RU106.53)	3.09	2.77	-	-	5.94	7.73	-1.79

Table 289 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180 (RU106.53)	-3.96	-4.13	-	-	-1.03	8.24	10.00	-1.76
5220 (RU106.53)	-4.46	-4.15	-	-	-1.29	7.97	10.00	-2.03
5240 (RU106.53)	-4.18	-4.23	-	-	-1.20	8.07	10.00	-1.93

Table 290 - ISED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE40 RU26	Duty Cycle (%):	97.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.11
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.27
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 (RU26.0)	2.73	2.14	-	-	5.45	7.73	-2.28
5230 (RU26.0)	2.23	2.02	-	-	5.14	7.73	-2.60

Table 291 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5190 (RU26.0)	-4.90	-5.11	-	-	-1.99	7.28	10.00	-2.72
5230 (RU26.0)	-4.64	-5.07	-	-	-1.84	7.43	10.00	-2.57

Table 292 - ISSED Maximum Power Spectral Density Results

DUT Configuration			
Mode:	802.11ax HE40 RU52	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.27
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 (RU52.37)	2.74	2.22	-	-	5.50	7.73	-2.23
5230 (RU52.37)	2.61	2.18	-	-	5.41	7.73	-2.32

Table 293 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5190 (RU52.37)	-3.85	-4.53	-	-	-1.16	8.10	10.00	-1.90
5230 (RU52.37)	-4.39	-4.61	-	-	-1.48	7.78	10.00	-2.22

Table 294 - ISSED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE40 RU106	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.27
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 (RU106.53)	2.50	2.38	-	-	5.45	7.73	-2.28
5230 (RU106.53)	3.10	2.61	-	-	5.87	7.73	-1.86

Table 295 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5190 (RU106.53)	-3.93	-4.28	-	-	-1.10	8.17	10.00	-1.83
5230 (RU106.53)	-4.18	-4.16	-	-	-1.16	8.11	10.00	-1.89

Table 296 - ISSED Maximum Power Spectral Density Results

DUT Configuration			
Mode:	802.11ax HE80 RU26	Duty Cycle (%):	97.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.27
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 (RU26.0)	2.16	2.01	-	-	5.09	7.73	-2.64

Table 297 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5210 (RU26.0)	-4.32	-4.87	-	-	-1.58	7.69	10.00	-2.31

Table 298 - ISSED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE80 RU52	Duty Cycle (%):	97.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.11
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.27
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 (RU52.37)	3.09	2.62	-	-	5.87	7.73	-1.86

Table 299 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm / MHz)	EIRP Limit (dBm / MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5210 (RU52.37)	-3.86	-4.68	-	-	-1.24	8.03	10.00	-1.97

Table 300 - ISED Maximum Power Spectral Density Results

DUT Configuration			
Mode:	802.11ax HE80 RU106	Duty Cycle (%):	96.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.14
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.27
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 (RU106.53)	3.31	2.52	-	-	5.94	7.73	-1.79

Table 301 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm / MHz)	EIRP Limit (dBm / MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5210 (RU106.53)	-5.39	-6.29	-	-	-2.80	6.46	10.00	-3.54

Table 302 - ISED Maximum Power Spectral Density Results



U-NII-2A

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 (%):	96.5
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.15
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	10.39
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	2.26	1.88	-	-	5.09	6.61	-1.53
5300	2.22	1.94	-	-	5.09	6.61	-1.52
5320	2.43	1.91	-	-	5.19	6.61	-1.43

Table 303 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260	2.26	1.88	-	-	5.09	11.00	-5.91
5300	2.22	1.94	-	-	5.09	11.00	-5.91
5320	2.43	1.91	-	-	5.19	11.00	-5.81

Table 304 - ISED Maximum Power Spectral Density Results



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):	10.39
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	1.97	1.42	-	-	4.71	6.61	-1.90
5310	1.82	1.33	-	-	4.59	6.61	-2.02

Table 305 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5270	1.97	1.42	-	-	4.71	11.00	-6.29
5310	1.82	1.33	-	-	4.59	11.00	-6.41

Table 306 - ISED Maximum Power Spectral Density Results

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):	10.39
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	-3.23	-3.28	-	-	-0.24	6.61	-6.86

Table 307 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5290	-3.23	-3.28	-	-	-0.24	11.00	-11.24

Table 308 - ISED Maximum Power Spectral Density Results



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):	10.39
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	0.88	0.69	-	-	3.79	6.61	-2.82
5300	0.73	0.07	-	-	3.42	6.61	-3.19
5320	0.68	0.49	-	-	3.60	6.61	-3.02

Table 309 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260	0.88	0.69	-	-	3.79	11.00	-7.21
5300	0.73	0.07	-	-	3.42	11.00	-7.58
5320	0.68	0.49	-	-	3.60	11.00	-7.40

Table 310 - ISSED Maximum Power Spectral Density Results

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	10.39
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	0.57	0.28	-	-	3.44	6.61	-3.17
5310	-0.22	-0.91	-	-	2.46	6.61	-4.15

Table 311 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5270	0.57	0.28	-	-	3.44	11.00	-7.56
5310	-0.22	-0.91	-	-	2.46	11.00	-8.54

Table 312 - ISSED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.20
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	10.39
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	-5.23	-4.99	-	-	-2.10	6.61	-8.71

Table 313 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5290	-5.23	-4.99	-	-	-2.10	11.00	-13.10

Table 314 - ISED Maximum Power Spectral Density Results

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	98.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.09
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	10.39
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)	1.25	0.68	-	-	3.98	6.61	-2.63
5300 (RU52.37)	1.07	0.59	-	-	3.85	6.61	-2.77
5320 (RU52.37)	1.37	1.56	-	-	4.47	6.61	-2.14

Table 315 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260 (RU52.37)	1.25	0.68	-	-	3.98	11.00	-7.02
5300 (RU52.37)	1.07	0.59	-	-	3.85	11.00	-7.15
5320 (RU52.37)	1.37	1.56	-	-	4.47	11.00	-6.53

Table 316 - ISED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.07
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	10.39
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)	1.46	0.93	-	-	4.21	6.61	-2.40
5300 (RU106.53)	1.17	0.78	-	-	3.99	6.61	-2.63
5320 (RU106.53)	1.52	1.53	-	-	4.54	6.61	-2.08

Table 317 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260 (RU106.53)	1.46	0.93	-	-	4.21	11.00	-6.79
5300 (RU106.53)	1.17	0.78	-	-	3.99	11.00	-7.01
5320 (RU106.53)	1.52	1.53	-	-	4.54	11.00	-6.46

Table 318 - ISSED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE40 RU52	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.09
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	10.39
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 (RU52.37)	0.89	0.79	-	-	3.85	6.61	-2.77
5310 (RU52.37)	1.36	0.65	-	-	4.03	6.61	-2.58

Table 319 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5270 (RU52.37)	0.89	0.79	-	-	3.85	11.00	-7.15
5310 (RU52.37)	1.36	0.65	-	-	4.03	11.00	-6.97

Table 320 - ISED Maximum Power Spectral Density Results

DUT Configuration			
Mode:	802.11ax HE40 RU106	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	10.39
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 (RU106.53)	1.51	0.81	-	-	4.19	6.61	-2.43
5310 (RU106.53)	1.58	0.57	-	-	4.11	6.61	-2.50

Table 321 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5270 (RU106.53)	1.51	0.81	-	-	4.19	11.00	-6.81
5310 (RU106.53)	1.58	0.57	-	-	4.11	11.00	-6.89

Table 322 - ISED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE80 RU52	Duty Cycle (%):	98.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.08
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	10.39
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 (RU52.37)	-0.47	-1.10	-	-	2.24	6.61	-4.38

Table 323 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm/ MHz)	Margin (dB)
	A	B	C	D	Σ		
5290 (RU52.37)	-0.47	-1.10	-	-	2.24	11.00	-8.76

Table 324 - ISED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE80 RU52	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	10.39
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 (RU52.37)	0.27	-0.50	-	-	2.91	6.61	-3.70

Table 325 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm/ MHz)	Margin (dB)
	A	B	C	D	Σ		
5290 (RU52.37)	-0.52	-1.04	-	-	2.24	11.00	-8.76

Table 326 - ISED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE80 RU106	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.09
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	10.39
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 (RU106.53)	0.00	-0.86	-	-	2.60	6.61	-4.01

Table 327 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm/ MHz)	Margin (dB)
	A	B	C	D	Σ		
5290 (RU106.53)	0.00	-0.86	-	-	2.60	11.00	-8.40

Table 328 - ISED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE80 RU106	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	10.39
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 (RU106.53)	0.86	0.32	-	-	3.61	6.61	-3.00

Table 329 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm/ MHz)	Margin (dB)
	A	B	C	D	Σ		
5290 (RU106.53)	-0.36	-0.56	-	-	2.55	11.00	-8.45

Table 330 - ISED Maximum Power Spectral Density Results



U-NII-2C

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 (%):	96.5
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.15
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.75
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	2.82	2.99	-	-	5.92	7.25	-1.33
5600	2.64	2.76	-	-	5.71	7.25	-1.54
5720	2.68	2.61	-	-	5.65	7.25	-1.60

Table 331 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5500	2.82	2.99	-	-	5.92	11.00	-5.08
5600	2.64	2.76	-	-	5.71	11.00	-5.29
5720	2.68	2.61	-	-	5.65	11.00	-5.35

Table 332 - ISED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	93.9
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.27
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.75
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	2.13	2.14	-	-	5.14	7.25	-2.10
5590	2.26	2.50	-	-	5.39	7.25	-1.86
5710	2.26	2.16	-	-	5.22	7.25	-2.03

Table 333 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5510	2.13	2.14	-	-	5.14	11.00	-5.86
5590	2.26	2.50	-	-	5.39	11.00	-5.61
5710	2.26	2.16	-	-	5.22	11.00	-5.78

Table 334 - ISSED Maximum Power Spectral Density Results



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):	9.75
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	-1.70	-1.68	-	-	1.32	7.25	-5.93
5610	0.38	0.43	-	-	3.41	7.25	-3.84
5690	0.09	0.45	-	-	3.28	7.25	-3.97

Table 335 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5530	-1.70	-1.68	-	-	1.32	11.00	-9.68
5610	0.38	0.43	-	-	3.41	11.00	-7.59
5690	0.09	0.45	-	-	3.28	11.00	-7.72

Table 336 - ISSED Maximum Power Spectral Density Results



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):	9.75
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	1.79	1.67	-	-	4.74	7.25	-2.50
5600	1.04	1.23	-	-	4.15	7.25	-3.10
5720	1.31	1.65	-	-	4.50	7.25	-2.75

Table 337 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5500	1.79	1.67	-	-	4.74	11.00	-6.26
5600	1.04	1.23	-	-	4.15	11.00	-6.85
5720	1.31	1.65	-	-	4.50	11.00	-6.50

Table 338 - ISSED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.75
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	0.51	0.48	-	-	3.51	7.25	-3.74
5590	0.70	0.86	-	-	3.79	7.25	-3.46
5710	0.52	1.01	-	-	3.78	7.25	-3.47

Table 339 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5510	0.51	0.48	-	-	3.51	11.00	-7.49
5590	0.70	0.86	-	-	3.79	11.00	-7.21
5710	0.52	1.01	-	-	3.78	11.00	-7.22

Table 340 - ISFD Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.20
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.75
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	-2.36	-2.57	-	-	0.55	7.25	-6.70
5610	-0.82	-0.49	-	-	2.36	7.25	-4.89
5690	-1.01	-0.90	-	-	2.05	7.25	-5.20

Table 341 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5530	-2.36	-2.57	-	-	0.55	11.00	-10.45
5610	-0.82	-0.49	-	-	2.36	11.00	-8.64
5690	-1.01	-0.90	-	-	2.05	11.00	-8.95

Table 342 - ISFD Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.09
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.75
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)	1.84	1.36	-	-	4.62	7.25	-2.63
5600 (RU52.37)	1.47	1.42	-	-	4.45	7.25	-2.80
5720 (RU52.37)	1.89	1.24	-	-	4.59	7.25	-2.66
5720 (RU52.40)	-7.19	-6.83	-	-	-3.99	7.25	-11.24

Table 343 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm/ MHz)	Margin (dB)
	A	B	C	D	Σ		
5500 (RU52.37)	1.84	1.36	-	-	4.62	11.00	-6.38
5600 (RU52.37)	1.47	1.42	-	-	4.45	11.00	-6.55
5720 (RU52.37)	1.89	1.24	-	-	4.59	11.00	-6.41
5720 (RU52.40)	-7.19	-6.83	-	-	-3.99	11.00	-14.99

Table 344 - ISED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.07
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.75
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)	1.76	1.63	-	-	4.71	7.25	-2.54
5600 (RU106.53)	1.61	1.67	-	-	4.65	7.25	-2.60
5720 (RU106.53)	1.79	1.78	-	-	4.80	7.25	-2.45
5720 (RU106.54)	2.66	2.66	-	-	5.67	7.25	-1.58

Table 345 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm/ MHz)	Margin (dB)
	A	B	C	D	Σ		
5500 (RU106.53)	1.76	1.63	-	-	4.71	11.00	-6.29
5600 (RU106.53)	1.61	1.67	-	-	4.65	11.00	-6.35
5720 (RU106.53)	1.79	1.78	-	-	4.80	11.00	-6.20
5720 (RU106.54)	2.66	2.66	-	-	5.67	11.00	-5.33

Table 346 - ISED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE40 RU52	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.09
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.75
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 (RU52.37)	1.54	0.87	-	-	4.23	7.25	-3.02
5590 (RU52.37)	1.95	2.08	-	-	5.03	7.25	-2.22
5710 (RU52.37)	1.93	1.43	-	-	4.69	7.25	-2.56
5710 (RU52.44)	-2.40	-2.36	-	-	0.63	7.25	-6.62

Table 347 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm/ MHz)	Margin (dB)
	A	B	C	D	Σ		
5510 (RU52.37)	1.54	0.87	-	-	4.23	11.00	-6.77
5590 (RU52.37)	1.95	2.08	-	-	5.03	11.00	-5.97
5710 (RU52.37)	1.93	1.43	-	-	4.69	11.00	-6.31
5710 (RU52.44)	-2.40	-2.36	-	-	0.63	11.00	-10.37

Table 348 - ISED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE40 RU106	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.75
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 (RU106.53)	1.80	1.55	-	-	4.69	7.25	-2.56
5590 (RU106.53)	2.12	1.96	-	-	5.05	7.25	-2.20
5710 (RU106.53)	1.73	1.60	-	-	4.68	7.25	-2.57
5710 (RU106.56)	2.38	2.59	-	-	5.50	7.25	-1.75

Table 349 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm/ MHz)	Margin (dB)
	A	B	C	D	Σ		
5510 (RU106.53)	1.80	1.55	-	-	4.69	11.00	-6.31
5590 (RU106.53)	2.12	1.96	-	-	5.05	11.00	-5.95
5710 (RU106.53)	1.73	1.60	-	-	4.68	11.00	-6.32
5710 (RU106.56)	2.38	2.59	-	-	5.50	11.00	-5.50

Table 350 - ISED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE80 RU52	Duty Cycle (%):	98.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.09
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.75
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 (RU52.37)	1.34	1.03	-	-	4.20	7.25	-3.05
5610 (RU52.37)	1.69	1.83	-	-	4.77	7.25	-2.48
5690 (RU52.37)	1.77	1.69	-	-	4.74	7.25	-2.51
5690 (RU52.52)	-3.05	-1.96	-	-	0.54	7.25	-6.71

Table 351 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm/ MHz)	Margin (dB)
	A	B	C	D	Σ		
5530 (RU52.37)	1.34	1.03	-	-	4.20	11.00	-6.80
5610 (RU52.37)	1.69	1.83	-	-	4.77	11.00	-6.23
5690 (RU52.37)	1.77	1.69	-	-	4.74	11.00	-6.26
5690 (RU52.52)	-3.05	-1.96	-	-	0.54	11.00	-10.46

Table 352 - ISED Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE80 RU106	Duty Cycle (%):	97.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.75
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 (RU106.53)	0.34	0.50	-	-	3.43	7.25	-3.82
5610 (RU106.53)	1.55	1.79	-	-	4.68	7.25	-2.57
5690 (RU106.53)	1.70	1.99	-	-	4.86	7.25	-2.39
5690 (RU106.60)	2.48	2.64	-	-	5.57	7.25	-1.68

Table 353 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm/ MHz)	Margin (dB)
	A	B	C	D	Σ		
5530 (RU106.53)	0.34	0.50	-	-	3.43	11.00	-7.57
5610 (RU106.53)	1.55	1.79	-	-	4.68	11.00	-6.32
5690 (RU106.53)	1.70	1.99	-	-	4.86	11.00	-6.14
5690 (RU106.60)	2.48	2.64	-	-	5.57	11.00	-5.43

Table 354 - ISED Maximum Power Spectral Density Results



U-NII-3

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):	9.36
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	-2.57	-2.68	-	-	0.39	26.02	-25.63
5745	8.22	8.21	-	-	11.23	26.64	-15.42
5785	8.47	8.48	-	-	11.49	26.64	-15.16
5825	8.07	7.95	-	-	11.02	26.64	-15.63

Table 355 - Maximum Power Spectral Density Results



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):	9.36
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	-3.65	-3.89	-	-	-0.76	26.02	-26.78
5755	5.34	5.24	-	-	8.30	26.64	-18.34
5795	5.61	5.23	-	-	8.44	26.64	-18.21

Table 356 - Maximum Power Spectral Density Results

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	89.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.47
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.36
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	-6.97	-6.19	-	-	-3.55	26.02	-29.57
5775	1.73	1.97	-	-	4.86	26.64	-21.78

Table 357 - Maximum Power Spectral Density Results



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):	9.36
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	-1.90	-1.41	-	-	1.36	26.02	-24.66
5745	7.41	7.05	-	-	10.25	26.64	-16.40
5785	6.82	7.00	-	-	9.92	26.64	-16.73
5825	6.72	6.72	-	-	9.73	26.64	-16.91

Table 358 - Maximum Power Spectral Density Results

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.36
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	-2.98	-2.81	-	-	0.11	26.02	-25.91
5755	4.23	4.27	-	-	7.26	26.64	-19.38
5795	4.24	3.99	-	-	7.12	26.64	-19.52

Table 359 - Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.36
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	-6.16	-5.56	-	-	-2.84	26.02	-28.86
5775	-0.75	-0.93	-	-	2.18	26.64	-24.47

Table 360 - Maximum Power Spectral Density Results

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	98.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.09
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.98
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 (RU52.37)	-21.53	-18.14	-	-	-16.50	26.02	-42.52
5720 (RU52.40)	-0.60	-0.65	-	-	2.39	26.02	-23.63
5745 (RU52.37)	7.70	7.36	-	-	10.54	26.64	-16.10
5785 (RU52.37)	7.40	7.28	-	-	10.35	26.64	-16.30
5825 (RU52.37)	7.01	7.16	-	-	10.09	26.64	-16.55

Table 361 - Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.07
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.98
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 (RU106.53)	-15.86	-16.94	-	-	-13.36	26.02	-39.38
5720 (RU106.54)	-0.27	-0.48	-	-	2.64	26.02	-23.39
5745 (RU106.53)	7.52	7.27	-	-	10.41	26.64	-16.24
5785 (RU106.53)	7.33	7.38	-	-	10.37	26.64	-16.28
5825 (RU106.53)	6.94	7.35	-	-	10.16	26.64	-16.48

Table 362 - Maximum Power Spectral Density Results

DUT Configuration			
Mode:	802.11ax HE40 RU26	Duty Cycle (%):	98.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.09
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.36
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		
5755 (RU26.0)	7.06	7.06	-	-	10.07	26.64	-16.57
5795 (RU26.0)	7.26	6.88	-	-	10.08	26.64	-16.56

Table 363 - Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE40 RU52	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.09
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.98
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 (RU52.37)	-43.46	-43.77	-	-	-40.61	26.02	-66.63
5710 (RU52.44)	-1.02	-0.51	-	-	2.25	26.02	-23.77
5755 (RU52.37)	7.48	7.46	-	-	10.48	26.64	-16.16
5795 (RU52.37)	7.14	6.95	-	-	10.06	26.64	-16.59

Table 364 - Maximum Power Spectral Density Results

DUT Configuration			
Mode:	802.11ax HE40 RU106	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.98
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 (RU106.53)	-41.10	-42.21	-	-	-38.61	26.02	-64.63
5710 (RU106.56)	-0.73	-0.22	-	-	2.54	26.02	-23.48
5755 (RU106.53)	7.46	7.45	-	-	10.47	26.64	-16.18
5795 (RU106.53)	6.76	6.98	-	-	9.88	26.64	-16.76

Table 365 - Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE80 RU26	Duty Cycle (%):	98.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.08
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.36
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		
5775 (RU26.0)	7.73	7.28	-	-	10.52	26.64	-16.13

Table 366 - Maximum Power Spectral Density Results

DUT Configuration			
Mode:	802.11ax HE80 RU52	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.09
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.98
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 (RU52.37)	-48.54	-48.39	-	-	-45.45	26.02	-71.47
5690 (RU52.52)	-0.54	-0.22	-	-	2.63	26.02	-23.39
5775 (RU52.37)	7.52	7.47	-	-	10.51	26.64	-16.14

Table 367 - Maximum Power Spectral Density Results



DUT Configuration			
Mode:	802.11ax HE80 RU106	Duty Cycle (%):	97.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.98
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 (RU106.53)	-47.33	-47.23	-	-	-44.27	26.02	-70.29
5690 (RU106.60)	-0.60	-0.57	-	-	2.43	26.02	-23.59
5775 (RU106.53)	7.77	7.54	-	-	10.67	26.64	-15.97

Table 368 - Maximum Power Spectral Density Results



SDM

U-NII-1

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) 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 (%):	94.2
Modulation Coding Scheme:	MCS10	DCCF (dB):	0.26
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.29
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	5.92	5.63	-	-	8.79	10.71	-1.92
5220	5.90	5.46	-	-	8.70	10.71	-2.01
5240	6.37	5.73	-	-	9.07	10.71	-1.64

Table 369 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180	-1.06	-1.43	-	-	1.77	8.06	10.00	-1.94
5220	-1.06	-1.60	-	-	1.69	7.98	10.00	-2.02
5240	-0.68	-1.30	-	-	2.03	8.32	10.00	-1.68

Table 370 - 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) 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 (%):	90.1
Modulation Coding Scheme:	MCS10	DCCF (dB):	0.45
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.29
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	3.06	2.51	-	-	5.80	10.71	-4.91
5230	5.78	5.37	-	-	8.59	10.71	-2.12

Table 371 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5190	-1.48	-2.00	-	-	1.28	7.57	10.00	-2.43
5230	-1.42	-1.84	-	-	1.39	7.68	10.00	-2.32

Table 372 - 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) 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 (%):	84.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.75
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.29
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	-2.21	-2.72	-	-	0.55	10.71	-10.15

Table 373 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5210	-3.10	-3.21	-	-	-0.14	6.15	10.00	-3.85

Table 374 - 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) 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 (%):	95.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.19
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.29
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	4.56	4.19	-	-	7.39	10.71	-3.32
5220	4.52	3.97	-	-	7.27	10.71	-3.44
5240	5.16	4.04	-	-	7.64	10.71	-3.07

Table 375 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180	-2.33	-2.92	-	-	0.40	6.69	10.00	-3.31
5220	-2.35	-2.68	-	-	0.50	6.79	10.00	-3.21
5240	-2.49	-2.79	-	-	0.38	6.67	10.00	-3.33

Table 376 - 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) 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 (%):	95.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.19
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.29
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	-0.45	-0.33	-	-	2.62	10.71	-8.09
5230	4.20	3.99	-	-	7.11	10.71	-3.60

Table 377 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5190	-2.56	-2.94	-	-	0.27	6.56	10.00	-3.44
5230	-2.86	-3.43	-	-	-0.12	6.17	10.00	-3.83

Table 378 - 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) 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 (%):	95.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.20
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.29
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	-4.32	-4.85	-	-	-1.57	10.71	-12.28

Table 379 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5210	-	-3.73	-	-	-3.73	2.56	10.00	-7.44

Table 380 - 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) 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 (%):	97.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.29
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)	5.52	5.52	-	-	8.53	10.71	-2.18
5220 (RU26.0)	5.70	5.25	-	-	8.49	10.71	-2.22
5240 (RU26.0)	5.60	4.73	-	-	8.20	10.71	-2.51

Table 381 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180 (RU26.0)	-1.09	-1.44	-	-	1.75	8.04	10.00	-1.96
5220 (RU26.0)	-1.20	-1.61	-	-	1.61	7.90	10.00	-2.10
5240 (RU26.0)	-1.56	-1.72	-	-	1.37	7.66	10.00	-2.34

Table 382 - 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) 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):	6.29
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)	4.59	4.37	-	-	7.49	10.71	-3.22
5220 (RU52.37)	6.09	5.36	-	-	8.75	10.71	-1.96
5240 (RU52.37)	6.02	5.42	-	-	8.74	10.71	-1.97

Table 383 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180 (RU52.37)	-1.02	-1.12	-	-	1.94	8.23	10.00	-1.77
5220 (RU52.37)	-1.24	-1.86	-	-	1.47	7.76	10.00	-2.24
5240 (RU52.37)	-0.85	-1.38	-	-	1.90	8.19	10.00	-1.81

Table 384 - 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) 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 (%):	97.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.10
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.29
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)	2.95	2.67	-	-	5.82	10.71	-4.89
5220 (RU106.53)	6.06	5.66	-	-	8.87	10.71	-1.84
5240 (RU106.53)	6.15	5.45	-	-	8.82	10.71	-1.89

Table 385 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180 (RU106.53)	-1.06	-1.08	-	-	1.94	8.23	10.00	-1.77
5220 (RU106.53)	-0.80	-0.95	-	-	2.14	8.43	10.00	-1.57
5240 (RU106.53)	-0.94	-1.27	-	-	1.91	8.20	10.00	-1.80

Table 386 - 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) 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 RU26	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.29
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 (RU26.0)	5.33	4.83	-	-	8.10	10.71	-2.61
5230 (RU26.0)	5.27	5.42	-	-	8.35	10.71	-2.36

Table 387 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5190 (RU26.0)	-1.35	-2.05	-	-	1.33	7.62	10.00	-2.38
5230 (RU26.0)	-1.61	-2.05	-	-	1.19	7.48	10.00	-2.52

Table 388 - 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) 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 RU52	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.13
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.29
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 (RU52.37)	5.63	5.28	-	-	8.47	10.71	-2.24
5230 (RU52.37)	5.80	5.00	-	-	8.43	10.71	-2.28

Table 389 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5190 (RU52.37)	-0.69	-1.64	-	-	1.87	8.16	10.00	-1.84
5230 (RU52.37)	-1.17	-1.38	-	-	1.74	8.03	10.00	-1.97

Table 390 - 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) 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 RU106	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.13
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.29
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 (RU106.53)	6.08	5.45	-	-	8.78	10.71	-1.93
5230 (RU106.53)	5.86	5.27	-	-	8.59	10.71	-2.12

Table 391 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5190 (RU106.53)	-1.27	-1.24	-	-	1.76	8.05	10.00	-1.95
5230 (RU106.53)	-0.93	-0.96	-	-	2.06	8.36	10.00	-1.64

Table 392 - 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) 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 RU26	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.29
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 (RU26.0)	4.61	4.40	-	-	7.52	10.71	-3.19

Table 393 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5210 (RU26.0)	-1.27	-2.47	-	-	1.18	7.47	10.00	-2.53

Table 394 - 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) 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 RU52	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.13
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.29
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 (RU52.37)	3.84	3.46	-	-	6.67	10.71	-4.04

Table 395 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5210 (RU52.37)	-3.45	-4.20	-	-	-0.80	5.49	10.00	-4.51

Table 396 - 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) 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 RU106	Duty Cycle (%):	96.9
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.14
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.29
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 (RU106.53)	3.50	2.58	-	-	6.07	10.71	-4.63

Table 397 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5210 (RU106.53)	-0.82	-1.20	-	-	2.00	8.29	10.00	-1.71

Table 398 - ISED Maximum Power Spectral Density Results



U-NII-2A

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 (%):	94.1
Modulation Coding Scheme:	MCS10	DCCF (dB):	0.26
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	7.38
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	5.38	5.12	-	-	8.26	9.62	-1.36
5300	5.49	4.87	-	-	8.20	9.62	-1.42
5320	5.33	4.77	-	-	8.07	9.62	-1.56

Table 399 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260	5.38	5.12	-	-	8.26	11.00	-2.74
5300	5.49	4.87	-	-	8.20	11.00	-2.80
5320	5.33	4.77	-	-	8.07	11.00	-2.93

Table 400 - 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:	802.11n HT40	Duty Cycle (%):	90.1
Modulation Coding Scheme:	MCS10	DCCF (dB):	0.45
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	7.38
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	4.96	4.41	-	-	7.70	9.62	-1.92
5310	2.26	1.80	-	-	5.04	9.62	-4.58

Table 401 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5270	4.96	4.41	-	-	7.70	11.00	-3.30
5310	2.26	1.80	-	-	5.04	11.00	-5.96

Table 402 - ISFD 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):	7.38
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	-2.80	-2.71	-	-	0.26	9.62	-9.37

Table 403 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm/ MHz)	Margin (dB)
	A	B	C	D	Σ		
5290	-2.80	-2.71	-	-	0.26	11.00	-10.74

Table 404 - 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):	0.19
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	7.38
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	4.00	3.69	-	-	6.85	9.62	-2.77
5300	3.43	2.79	-	-	6.13	9.62	-3.49
5320	3.64	3.01	-	-	6.34	9.62	-3.28

Table 405 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260	4.00	3.69	-	-	6.85	11.00	-4.15
5300	3.43	2.79	-	-	6.13	11.00	-4.87
5320	3.64	3.01	-	-	6.34	11.00	-4.66

Table 406 - 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 HE40 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.19
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	7.38
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	3.55	3.06	-	-	6.32	9.62	-3.30
5310	-0.48	-1.15	-	-	2.21	9.62	-7.41

Table 407 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5270	3.55	3.06	-	-	6.32	11.00	-4.68
5310	-0.48	-1.15	-	-	2.21	11.00	-8.79

Table 408 - ISFD 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 (%):	95.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.20
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	7.38
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	-4.75	-5.15	-	-	-1.94	9.62	-11.56

Table 409 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5290	-4.75	-5.15	-	-	-1.94	11.00	-12.94

Table 410 - 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 (%):	97.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	7.38
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)	4.67	4.22	-	-	7.46	9.62	-2.16
5300 (RU52.37)	5.02	4.26	-	-	7.67	9.62	-1.96
5320 (RU52.37)	4.81	5.01	-	-	7.92	9.62	-1.70

Table 411 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260 (RU52.37)	4.67	4.22	-	-	7.46	11.00	-3.54
5300 (RU52.37)	5.02	4.26	-	-	7.67	11.00	-3.33
5320 (RU52.37)	4.81	5.01	-	-	7.92	11.00	-3.08

Table 412 - 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 (%):	97.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.10
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	7.38
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)	5.33	4.92	-	-	8.14	9.62	-1.48
5300 (RU106.53)	5.19	4.66	-	-	7.94	9.62	-1.68
5320 (RU106.53)	4.99	4.48	-	-	7.76	9.62	-1.87

Table 413 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260 (RU106.53)	5.33	4.92	-	-	8.14	11.00	-2.86
5300 (RU106.53)	5.19	4.66	-	-	7.94	11.00	-3.06
5320 (RU106.53)	4.99	4.48	-	-	7.76	11.00	-3.24

Table 414 - 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 HE40 RU52	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	7.38
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 (RU52.37)	4.74	4.20	-	-	7.49	9.62	-2.14
5310 (RU52.37)	3.11	2.32	-	-	5.74	9.62	-3.88

Table 415 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5270 (RU52.37)	4.74	4.20	-	-	7.49	11.00	-3.51
5310 (RU52.37)	3.11	2.32	-	-	5.74	11.00	-5.26

Table 416 - 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 RU106	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.13
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	7.38
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 (RU106.53)	4.61	4.30	-	-	7.47	9.62	-2.16
5310 (RU106.53)	5.39	4.74	-	-	8.09	9.62	-1.54

Table 417 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5270 (RU106.53)	4.61	4.30	-	-	7.47	11.00	-3.53
5310 (RU106.53)	5.39	4.74	-	-	8.09	11.00	-2.91

Table 418 - 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 RU52	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	7.38
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 (RU52.37)	0.12	-0.43	-	-	2.87	9.62	-6.76

Table 419 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5290 (RU52.37)	0.12	-0.43	-	-	2.87	11.00	-8.13

Table 420 - 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 HE80 RU106	Duty Cycle (%):	96.9
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.14
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	7.38
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 (RU106.53)	0.26	0.10	-	-	3.19	9.62	-6.44

Table 421 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5290 (RU106.53)	0.26	0.10	-	-	3.19	11.00	-7.81

Table 422 - ISSED Maximum Power Spectral Density Results



U-NII-2C

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 (%):	94.1
Modulation Coding Scheme:	MCS10	DCCF (dB):	0.26
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.74
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	6.05	6.19	-	-	9.13	10.26	-1.13
5600	5.85	5.96	-	-	8.92	10.26	-1.34
5720	5.92	6.26	-	-	9.10	10.26	-1.16

Table 423 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5500	6.05	6.19	-	-	9.13	11.00	-1.87
5600	5.85	5.96	-	-	8.92	11.00	-2.08
5720	5.92	6.26	-	-	9.10	11.00	-1.90

Table 424 - 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:	802.11n HT40	Duty Cycle (%):	90.1
Modulation Coding Scheme:	MCS10	DCCF (dB):	0.45
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.74
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	4.57	4.40	-	-	7.50	10.26	-2.76
5590	5.57	5.64	-	-	8.61	10.26	-1.65
5710	5.13	5.50	-	-	8.33	10.26	-1.93

Table 425 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm/ MHz)	Margin (dB)
	A	B	C	D	Σ		
5510	4.57	4.40	-	-	7.50	11.00	-3.50
5590	5.57	5.64	-	-	8.61	11.00	-2.39
5710	5.13	5.50	-	-	8.33	11.00	-2.67

Table 426 - 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 (%):	84.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.76
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.74
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	-0.86	-0.81	-	-	2.17	10.26	-8.09
5610	3.75	4.02	-	-	6.90	10.26	-3.36
5690	3.91	3.90	-	-	6.91	10.26	-3.35

Table 427 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm/ MHz)	Margin (dB)
	A	B	C	D	Σ		
5530	-0.86	-0.81	-	-	2.17	11.00	-8.83
5610	3.75	4.02	-	-	6.90	11.00	-4.10
5690	3.91	3.90	-	-	6.91	11.00	-4.09

Table 428 - 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 HE20 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.19
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.74
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	4.48	4.27	-	-	7.39	10.26	-2.87
5600	4.43	4.73	-	-	7.59	10.26	-2.67
5720	4.26	4.47	-	-	7.38	10.26	-2.88

Table 429 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm/ MHz)	Margin (dB)
	A	B	C	D	Σ		
5500	4.48	4.27	-	-	7.39	11.00	-3.61
5600	4.43	4.73	-	-	7.59	11.00	-3.41
5720	4.26	4.47	-	-	7.38	11.00	-3.62

Table 430 - 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 HE40 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.19
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.74
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	0.28	0.43	-	-	3.37	10.26	-6.89
5590	4.16	4.16	-	-	7.17	10.26	-3.09
5710	3.95	4.06	-	-	7.02	10.26	-3.24

Table 431 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm/ MHz)	Margin (dB)
	A	B	C	D	Σ		
5510	0.28	0.43	-	-	3.37	11.00	-7.63
5590	4.16	4.16	-	-	7.17	11.00	-3.83
5710	3.95	4.06	-	-	7.02	11.00	-3.98

Table 432 - 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 (%):	95.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.20
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.74
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	-2.21	-2.24	-	-	0.78	10.26	-9.48
5610	2.28	2.50	-	-	5.40	10.26	-4.86
5690	2.49	2.77	-	-	5.64	10.26	-4.62

Table 433 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm/ MHz)	Margin (dB)
	A	B	C	D	Σ		
5530	-2.21	-2.24	-	-	0.78	11.00	-10.22
5610	2.28	2.50	-	-	5.40	11.00	-5.60
5690	2.49	2.77	-	-	5.64	11.00	-5.36

Table 434 - 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 HE20 RU52	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.74
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)	6.04	6.06	-	-	9.06	10.26	-1.20
5600 (RU52.37)	5.70	6.01	-	-	8.86	10.26	-1.40
5720 (RU52.37)	5.73	5.64	-	-	8.70	10.26	-1.56
5720 (RU52.40)	-3.64	-3.50	-	-	-0.56	10.26	-10.82

Table 435 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5500 (RU52.37)	6.04	6.06	-	-	9.06	11.00	-1.94
5600 (RU52.37)	5.70	6.01	-	-	8.86	11.00	-2.14
5720 (RU52.37)	5.73	5.64	-	-	8.70	11.00	-2.30
5720 (RU52.40)	-3.64	-3.50	-	-	-0.56	11.00	-11.56

Table 436 - 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 (%):	97.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.10
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.74
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)	5.37	5.60	-	-	8.50	10.26	-1.76
5600 (RU106.53)	5.56	6.25	-	-	8.93	10.26	-1.33
5720 (RU106.53)	5.90	5.83	-	-	8.88	10.26	-1.38
5720 (RU106.54)	5.86	6.02	-	-	8.95	10.26	-1.31

Table 437 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm/ MHz)	Margin (dB)
	A	B	C	D	Σ		
5500 (RU106.53)	5.37	5.60	-	-	8.50	11.00	-2.50
5600 (RU106.53)	5.56	6.25	-	-	8.93	11.00	-2.07
5720 (RU106.53)	5.90	5.83	-	-	8.88	11.00	-2.12
5720 (RU106.54)	5.86	6.02	-	-	8.95	11.00	-2.05

Table 438 - 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 RU52	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.13
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.74
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 (RU52.37)	5.80	5.69	-	-	8.76	10.26	-1.50
5590 (RU52.37)	5.64	5.99	-	-	8.83	10.26	-1.43
5710 (RU52.37)	5.55	5.93	-	-	8.75	10.26	-1.51
5710 (RU52.44)	0.77	1.55	-	-	4.19	10.26	-6.07

Table 439 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm/ MHz)	Margin (dB)
	A	B	C	D	Σ		
5510 (RU52.37)	5.80	5.69	-	-	8.76	11.00	-2.24
5590 (RU52.37)	5.64	5.99	-	-	8.83	11.00	-2.17
5710 (RU52.37)	5.55	5.93	-	-	8.75	11.00	-2.25
5710 (RU52.44)	0.77	1.55	-	-	4.19	11.00	-6.81

Table 440 - 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 HE40 RU106	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.13
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.74
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 (RU106.53)	6.03	5.79	-	-	8.92	10.26	-1.34
5590 (RU106.53)	5.74	5.74	-	-	8.75	10.26	-1.51
5710 (RU106.53)	6.21	6.32	-	-	9.28	10.26	-0.98
5710 (RU106.56)	5.30	5.39	-	-	8.36	10.26	-1.90

Table 441 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm/ MHz)	Margin (dB)
	A	B	C	D	Σ		
5510 (RU106.53)	6.03	5.79	-	-	8.92	11.00	-2.08
5590 (RU106.53)	5.74	5.74	-	-	8.75	11.00	-2.25
5710 (RU106.53)	6.21	6.32	-	-	9.28	11.00	-1.72
5710 (RU106.56)	5.30	5.39	-	-	8.36	11.00	-2.64

Table 442 - 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 HE80 RU52	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.74
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 (RU52.37)	1.91	1.83	-	-	4.88	10.26	-5.38
5610 (RU52.37)	5.78	6.08	-	-	8.94	10.26	-1.32
5690 (RU52.37)	5.60	6.22	-	-	8.93	10.26	-1.33
5690 (RU52.52)	0.44	1.09	-	-	3.79	10.26	-6.47

Table 443 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5530 (RU52.37)	1.91	1.83	-	-	4.88	11.00	-6.12
5610 (RU52.37)	5.78	6.08	-	-	8.94	11.00	-2.06
5690 (RU52.37)	5.60	6.22	-	-	8.93	11.00	-2.07
5690 (RU52.52)	0.44	1.09	-	-	3.79	11.00	-7.21

Table 444 - 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 RU106	Duty Cycle (%):	96.9
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.14
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.74
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 (RU106.53)	0.65	0.95	-	-	3.81	10.26	-6.45
5610 (RU106.53)	5.03	5.79	-	-	8.44	10.26	-1.82
5690 (RU106.53)	5.86	5.92	-	-	8.90	10.26	-1.36
5690 (RU106.60)	5.27	5.68	-	-	8.49	10.26	-1.77

Table 445 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5530 (RU106.53)	0.65	0.95	-	-	3.81	11.00	-7.19
5610 (RU106.53)	5.03	5.79	-	-	8.44	11.00	-2.56
5690 (RU106.53)	5.86	5.92	-	-	8.90	11.00	-2.10
5690 (RU106.60)	5.27	5.68	-	-	8.49	11.00	-2.51

Table 446 - ISED Maximum Power Spectral Density Results



U-NII-3

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):	0.25
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.97
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	1.16	1.06	-	-	4.12	29.03	-24.91
5745	8.17	8.34	-	-	11.26	29.61	-18.34
5785	8.27	8.49	-	-	11.39	29.61	-18.21
5825	8.27	8.22	-	-	11.26	29.61	-18.35

Table 447 - 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):	6.97
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	-0.79	-0.34	-	-	2.45	29.03	-26.58
5755	5.44	5.56	-	-	8.51	29.61	-21.09
5795	5.57	5.35	-	-	8.47	29.61	-21.13

Table 448 - 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):	6.97
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	-3.49	-2.41	-	-	0.09	29.03	-28.94
5775	1.78	1.96	-	-	4.88	29.61	-24.72

Table 449 - 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):	6.97
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	1.57	1.05	-	-	4.33	29.03	-24.70
5745	6.95	6.90	-	-	9.93	29.61	-19.67
5785	7.10	6.86	-	-	9.99	29.61	-19.61
5825	6.58	6.59	-	-	9.59	29.61	-20.01

Table 450 - 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 (%):	96.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.18
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.97
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	0.03	0.38	-	-	3.22	29.03	-25.81
5755	3.84	3.75	-	-	6.80	29.61	-22.80
5795	3.79	3.68	-	-	6.75	29.61	-22.86

Table 451 - 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 (%):	95.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.19
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.97
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	-2.61	-1.88	-	-	0.78	29.03	-28.25
5775	-0.74	-0.38	-	-	2.46	29.61	-27.15

Table 452 - 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 (%):	97.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.11
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.39
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)	8.07	7.99	-	-	11.04	29.61	-18.56
5785 (RU26.0)	7.80	7.92	-	-	10.87	29.61	-18.74
5825 (RU26.0)	7.49	7.75	-	-	10.63	29.61	-18.98

Table 453 - 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 (%):	97.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.97
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 (RU52.37)	-17.67	-15.31	-	-	-13.32	29.03	-42.35
5720 (RU52.40)	2.86	2.62	-	-	5.75	29.03	-23.28
5745 (RU52.37)	7.94	8.14	-	-	11.05	29.61	-18.55
5785 (RU52.37)	7.63	7.80	-	-	10.72	29.61	-18.88
5825 (RU52.37)	7.57	8.00	-	-	10.80	29.61	-18.80

Table 454 - 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):	6.97
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 (RU106.53)	-11.88	-13.24	-	-	-9.50	29.03	-38.52
5720 (RU106.54)	2.96	2.87	-	-	5.93	29.03	-23.10
5745 (RU106.53)	8.25	8.11	-	-	11.19	29.61	-18.42
5785 (RU106.53)	8.11	8.56	-	-	11.35	29.61	-18.25
5825 (RU106.53)	7.66	8.22	-	-	10.96	29.61	-18.64

Table 455 - 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 RU26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.39
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		
5755 (RU26.0)	7.90	8.11	-	-	11.02	29.61	-18.59
5795 (RU26.0)	7.90	7.61	-	-	10.76	29.61	-18.84

Table 456 - 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 RU52	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.97
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 (RU52.37)	-40.21	-41.12	-	-	-37.63	29.03	-66.66
5710 (RU52.44)	2.52	3.47	-	-	6.03	29.03	-22.99
5755 (RU52.37)	8.66	8.38	-	-	11.53	29.61	-18.08
5795 (RU52.37)	8.35	8.23	-	-	11.30	29.61	-18.30

Table 457 - 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 RU106	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.13
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.97
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 (RU106.53)	-37.65	-37.21	-	-	-34.41	29.03	-63.44
5710 (RU106.56)	2.02	2.23	-	-	5.14	29.03	-23.89
5755 (RU106.53)	8.41	8.46	-	-	11.45	29.61	-18.16
5795 (RU106.53)	8.35	8.30	-	-	11.34	29.61	-18.27

Table 458 - 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 RU26	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.39
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		
5775 (RU26.0)	7.87	8.17	-	-	11.04	29.61	-18.57

Table 459 - 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 RU52	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.13
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.97
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 (RU52.37)	-45.06	-44.96	-	-	-42.00	29.03	-71.02
5690 (RU52.52)	2.99	3.06	-	-	6.03	29.03	-22.99
5775 (RU52.37)	8.44	7.91	-	-	11.19	29.61	-18.41

Table 460 - 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 RU106	Duty Cycle (%):	96.9
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.14
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.97
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 (RU106.53)	-42.32	-42.58	-	-	-39.43	29.03	-68.46
5690 (RU106.60)	2.07	2.20	-	-	5.14	29.03	-23.88
5775 (RU106.53)	9.06	8.85	-	-	11.97	29.61	-17.64

Table 461 - Maximum Power Spectral Density Results



TxBF

U-NII-1

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 (%):	43.1
Modulation Coding Scheme:	MCS2	DCCF (dB):	3.66
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.27
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	1.85	1.89	-	-	4.88	7.73	-2.85
5220	1.57	2.00	-	-	4.80	7.73	-2.93
5240	2.16	-0.10	-	-	4.19	7.73	-3.54

Table 462 - 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 (%):	51.4
Modulation Coding Scheme:	MCS2	DCCF (dB):	2.89
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5180	-3.63	-6.04	-	-	-1.66	7.61	10.00	-2.39
5220	-4.12	-6.45	-	-	-2.12	7.15	10.00	-2.85
5240	-4.30	-4.96	-	-	-1.61	7.66	10.00	-2.34

Table 463 - 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 HT40	Duty Cycle (%):	87.8
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.57
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.27
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	-0.44	-1.09	-	-	2.26	7.73	-5.48
5230	0.75	-0.72	-	-	3.09	7.73	-4.64

Table 464 - 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 (%):	88.6
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.52
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5190	-6.52	-7.41	-	-	-3.93	5.34	10.00	-4.66
5230	-6.43	-7.66	-	-	-3.99	5.28	10.00	-4.72

Table 465 - 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:	802.11ac VHT80	Duty Cycle (%):	84.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.74
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.27
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	-5.93	-7.69	-	-	-3.71	7.73	-11.45

Table 466 - 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 (%):	84.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.73
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					EIRP (dBm/ MHz)	EIRP Limit (dBm/ MHz)	EIRP Margin (dB)
	A	B	C	D	Σ			
5210	-8.30	-8.88	-	-	-5.57	3.70	10.00	-6.30

Table 467 - ISED Maximum Power Spectral Density Results



U-NII-2A

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 (%):	36.4
Modulation Coding Scheme:	MCS2	DCCF (dB):	4.39
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	10.39
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	2.15	1.73	-	-	4.96	6.61	-1.66
5300	0.10	-0.61	-	-	2.77	6.61	-3.84
5320	1.10	0.15	-	-	3.66	6.61	-2.95

Table 468 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5260	2.15	1.73	-	-	4.96	11.00	-6.04
5300	0.10	-0.61	-	-	2.77	11.00	-8.23
5320	1.10	0.15	-	-	3.66	11.00	-7.34

Table 469 - 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:	802.11n HT40	Duty Cycle (%):	93.9
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.28
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	10.39
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	-0.65	-1.45	-	-	1.98	6.61	-4.63
5310	-1.46	-2.74	-	-	0.96	6.61	-5.66

Table 470 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5270	-0.65	-1.45	-	-	1.98	11.00	-9.02
5310	-1.46	-2.74	-	-	0.96	11.00	-10.04

Table 471 - ISFD 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 (%):	92.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.34
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	10.39
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	-6.08	-7.03	-	-	-3.52	6.61	-10.13

Table 472 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5290	-6.08	-7.03	-	-	-3.52	11.00	-14.52

Table 473 - ISED Maximum Power Spectral Density Results



U-NII-2C

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 (%):	91.3
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.40
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.75
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	0.81	0.38	-	-	3.61	7.25	-3.64
5600	1.58	-0.19	-	-	3.79	7.25	-3.46
5720	0.40	0.46	-	-	3.44	7.25	-3.81

Table 474 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ		
5500	0.81	0.38	-	-	3.61	11.00	-7.39
5600	1.58	-0.19	-	-	3.79	11.00	-7.21
5720	0.40	0.46	-	-	3.44	11.00	-7.56

Table 475 - 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)(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 (%):	93.7
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.28
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.75
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	0.31	-0.77	-	-	2.81	7.25	-4.44
5590	3.60	2.79	-	-	6.23	7.25	-1.02
5710	-0.25	-0.96	-	-	2.42	7.25	-4.83

Table 476 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm/ MHz)	Margin (dB)
	A	B	C	D	Σ		
5510	0.31	-0.77	-	-	2.81	11.00	-8.19
5590	3.60	2.79	-	-	6.23	11.00	-4.77
5710	-0.25	-0.96	-	-	2.42	11.00	-8.58

Table 477 - 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)(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 (%):	92.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.33
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.75
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	-3.39	-4.64	-	-	-0.96	7.25	-8.21
5610	-0.31	-1.62	-	-	2.09	7.25	-5.15
5690	-0.93	-1.83	-	-	1.66	7.25	-5.59

Table 478 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm/ MHz)	Margin (dB)
	A	B	C	D	Σ		
5530	-3.39	-4.64	-	-	-0.96	11.00	-11.96
5610	-0.31	-1.62	-	-	2.09	11.00	-8.91
5690	-0.93	-1.83	-	-	1.66	11.00	-9.34

Table 479 - ISED Maximum Power Spectral Density Results



U-NII-3

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 (%):	93.7
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.28
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.98
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	-3.04	-4.07	-	-	-0.51	26.02	-26.53
5745	7.22	7.33	-	-	10.29	26.64	-16.36
5785	7.56	7.29	-	-	10.43	26.64	-16.21
5825	6.58	5.36	-	-	9.02	26.64	-17.62

Table 480 - 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 (%):	92.7
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.33
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.98
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	-4.14	-4.54	-	-	-1.33	26.02	-27.35
5755	3.20	2.44	-	-	5.85	26.64	-20.80
5795	2.75	2.76	-	-	5.77	26.64	-20.88

Table 481 - 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 (%):	93.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.30
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.98
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	-8.09	-9.07	-	-	-5.54	26.02	-31.56
5775	-1.59	-1.85	-	-	1.29	26.64	-25.35

Table 482 - 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 483

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 484



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
Antenna	EMCO	3115	0793	12	15-Oct-2022
Multimeter	Iso-tech	IDM101	2421	12	28-Oct-2022
Hygrometer	Rotronic	I-1000	3220	12	05-Nov-2022
1800-6000 MHz Power Splitter	Mini-Circuits	ZN2PD-63-S+	4055	-	O/P Mon
Frequency Standard	Spectracom	SecureSync 1200-0408-0601	4393	6	30-Jun-2022
AC Programmable Power Supply	iTech	IT7324	5226	-	O/P Mon
Cable (sma-sma, 2 m)	Junkosha	MWX221-02000DMS	5428	12	20-Oct-2022
3.5 mm 2m Cable	Junkosha	MWX221-02000DMS	5429	12	23-Jun-2022
3.5 mm 2m Cable	Junkosha	MWX221-02000DMS	5430	12	23-Jun-2022
MXA Signal Analyser	Keysight Technologies	N9020B	5529	24	06-Jun-2022
2-Way Power Divider (2 to 8 GHz)	Aaren	AT30A-TE0208-2-AF	5684	12	20-Dec-2022
2-Way Power Divider (2-8 GHz)	Aaren	AT30A-TE0208-2-AF	5685	12	20-Dec-2022
Signal Commissioning Unit	TUV SUD	SCU002	5759	12	30-Jun-2022
USB Power Sensor	Boonton	RTP5008	5830	12	10-May-2022
USB Power Sensor	Boonton	RTP5008	5832	12	10-May-2022
USB Power Sensor	Boonton	RTP5008	5833	12	10-May-2022
USB Power Sensor	Boonton	RTP5008	5834	12	10-May-2022
Modular Power System Mainframe	Keysight Technologies	N6701C	5835	-	TU
DC Power Module 60V 20A 300W	Keysight Technologies	N6754A	5836	-	O/P Mon

Table 485

TU - Traceability Unscheduled
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

A2681, S/N: TN4J7KWW5H - Modification State 0
A2681, S/N: T60JJCR4F6 - Modification State 0

2.4.3 Date of Test

24-March-2022 to 21-April-2022

2.4.4 Test Method

The test was performed in accordance with ANSI C63.10, clause 12.4.1 and 12.4.2 and ISED RSS-GEN, clause 4.6.1 and 4.6.2.

For modes of operation using multiple cores, measurements were made on each core but only the worst-case results are reported. Worst case was considered as the narrowest results for 6 dB bandwidth and the widest result for 26 dB bandwidth and 99% occupied bandwidth.

2.4.5 Environmental Conditions

Ambient Temperature	22.5 - 24.1 °C
Relative Humidity	22.7 - 36.9 %

2.4.6 Test Results

5 GHz WLAN

SISO

SISO 6 dB Summary

Protocol	6 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11a	16.140	16.140
802.11n HT20	17.160	17.640
802.11n HT40	35.520	35.640
802.11ac VHT80	75.680	75.680
802.11ax HE20 SU	19.080	19.140
802.11ax HE40 SU	38.280	38.280
802.11ax HE80 SU	77.880	77.880

Table 486 - 6 dB Bandwidth Summary Results

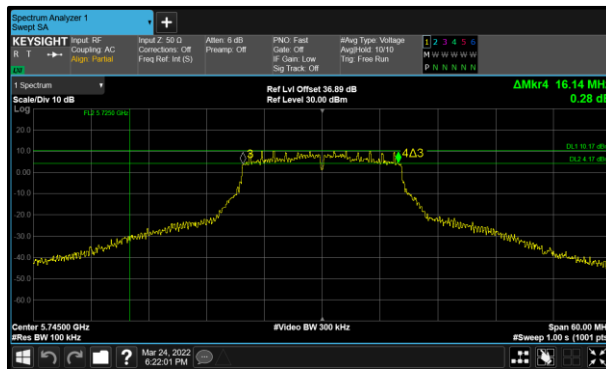


Figure 85 - 802.11a Minimum 6 dB EBW

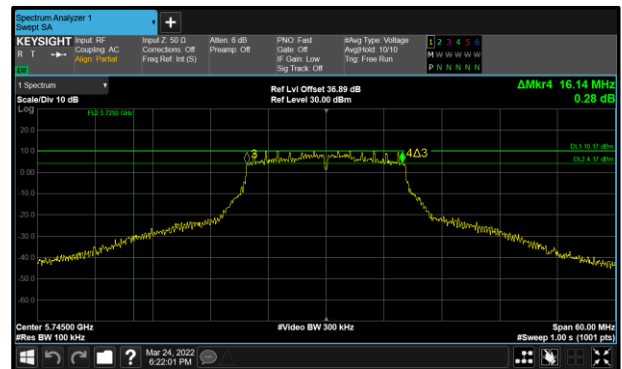


Figure 86 - 802.11a Maximum 6 dB EBW

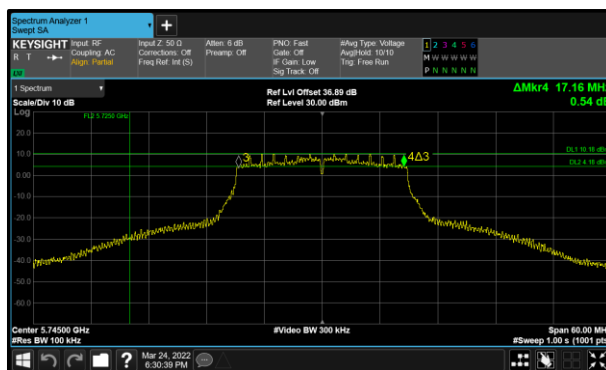


Figure 87 - 802.11n HT20 Minimum 6 dB EBW

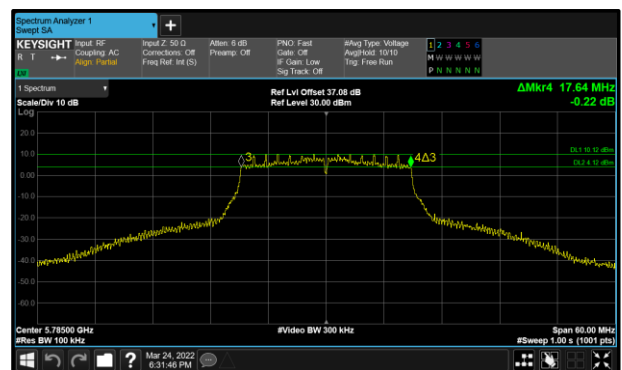


Figure 88 - 802.11n HT20 Maximum 6 dB EBW

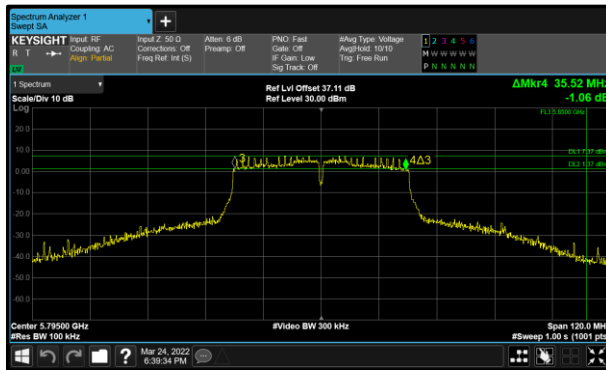


Figure 89 - 802.11n HT40 Minimum 6 dB EBW



Figure 90 - 802.11n HT40 Maximum 6 dB EBW

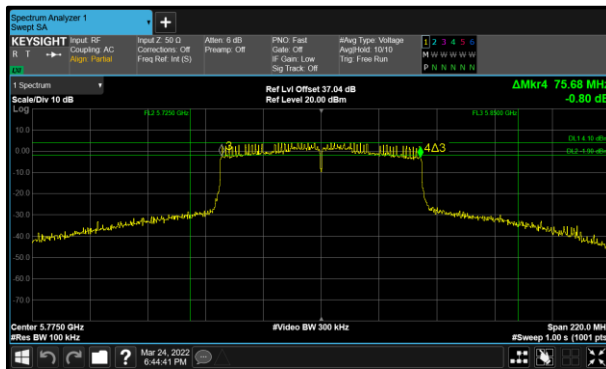


Figure 91 - 802.11ac VHT80 Minimum 6 dB EBW

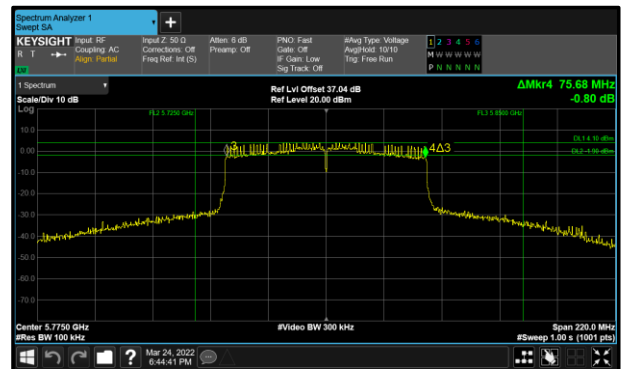


Figure 92 - 802.11ac VHT80 Maximum 6 dB EBW

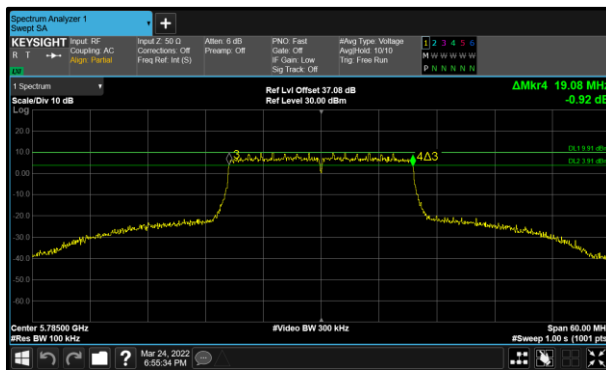


Figure 93 - 802.11ax HE20 SU Minimum 6 dB EBW

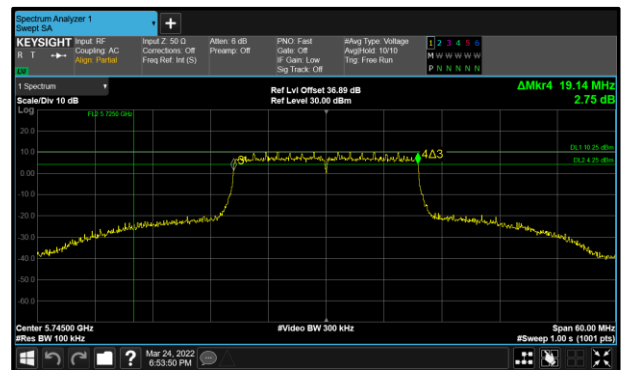


Figure 94 - 802.11ax HE20 SU Maximum 6 dB EBW