



TxBF

Protocol	26 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11ax HE20 SU LPI	21.180	21.660
802.11ax HE40 SU LPI	41.640	42.240
802.11ax HE80 SU LPI	82.280	83.160
802.11ax HE20 SU SP	21.180	21.420
802.11ax HE40 SU SP	44.760	62.520
802.11ax HE80 SU SP	82.720	99.660
802.11ax HE80 SU VLP	82.500	82.940

Table 91 - 26 dB Bandwidth Summary Results - TxBF

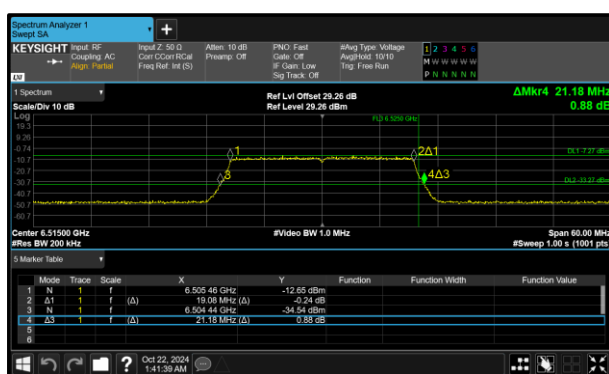


Figure 157 - 802.11ax HE20 SU LPI Minimum 26 dB EBW

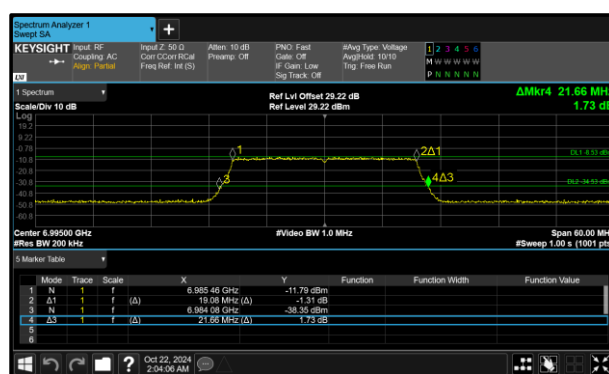


Figure 158 - 802.11ax HE20 SU LPI Maximum 26 dB EBW

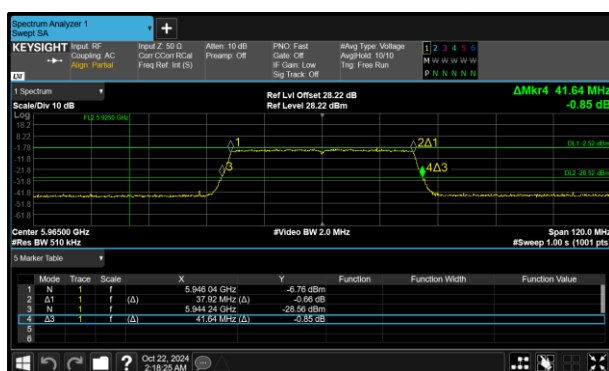


Figure 159 - 802.11ax HE40 SU LPI Minimum 26 dB EBW

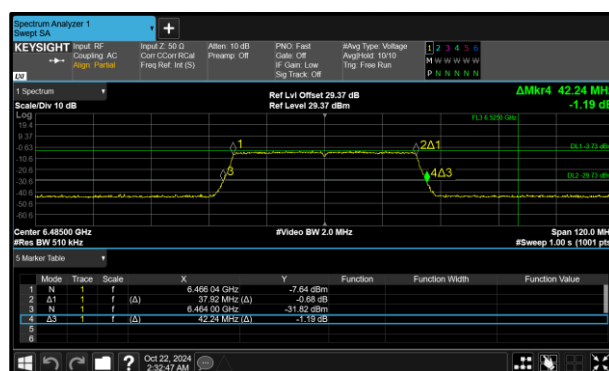


Figure 160 - 802.11ax HE40 SU LPI Maximum 26 dB EBW

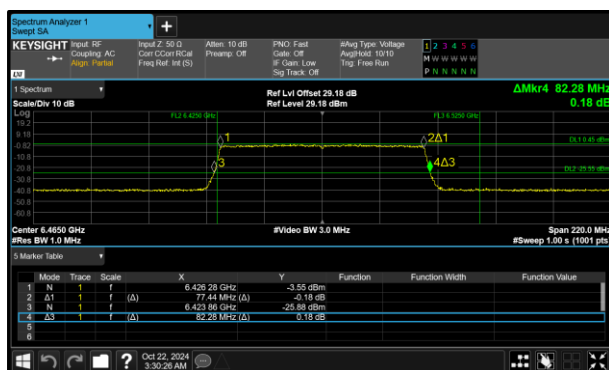


Figure 161 - 802.11ax HE80 SU LPI Minimum 26 dB EBW

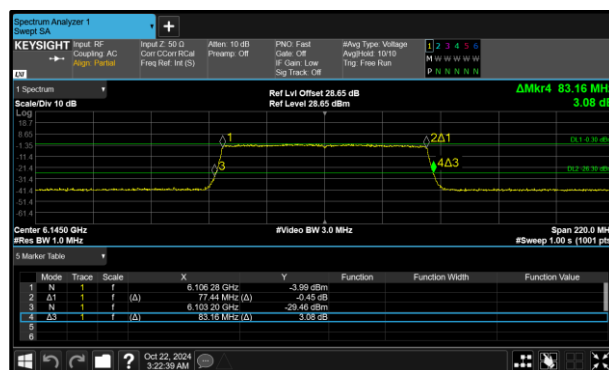


Figure 162 - 802.11ax HE80 SU LPI Maximum 26 dB EBW

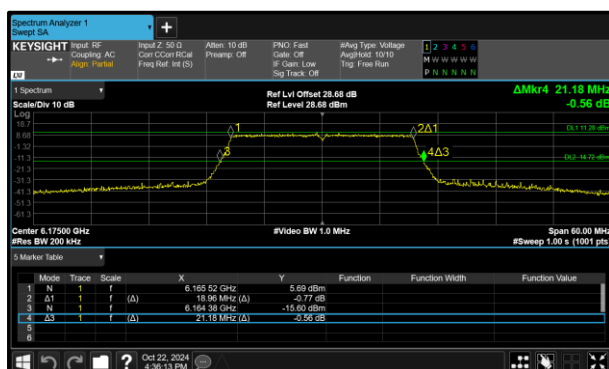


Figure 163 - 802.11ax HE20 SU SP Minimum 26 dB EBW

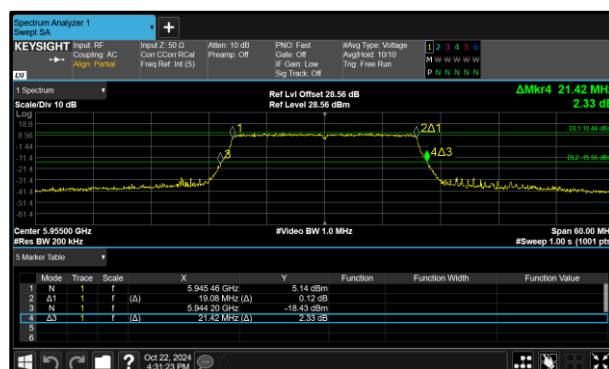


Figure 164 - 802.11ax HE20 SU SP Maximum 26 dB EBW

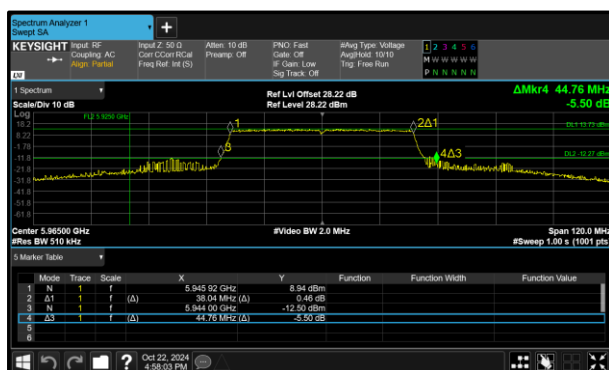


Figure 165 - 802.11ax HE40 SU SP Minimum 26 dB EBW

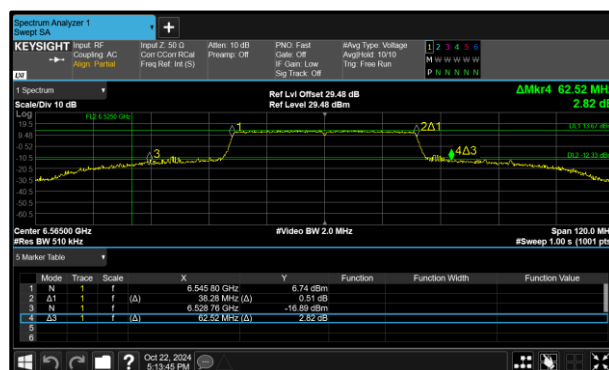


Figure 166 - 802.11ax HE40 SU SP Maximum 26 dB EBW

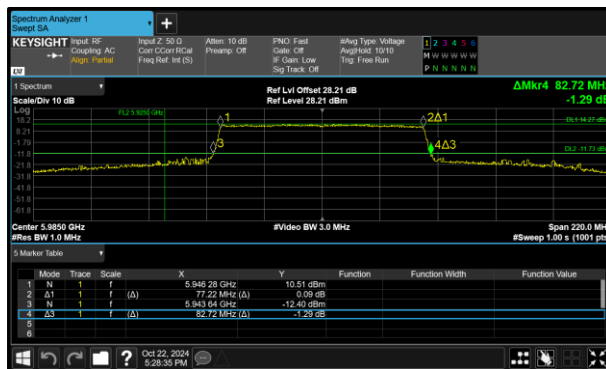


Figure 167 - 802.11ax HE80 SU SP Minimum 26 dB EBW

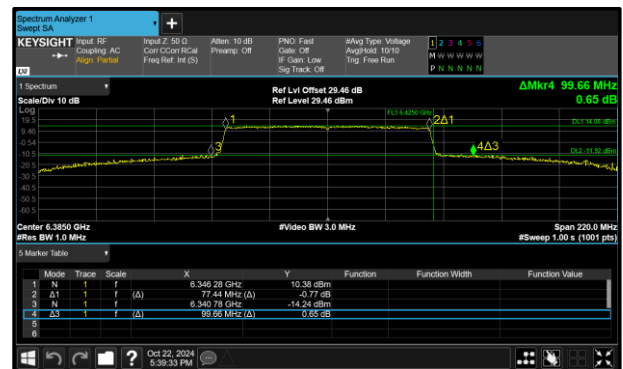


Figure 168 - 802.11ax HE80 SU SP Maximum 26 dB EBW

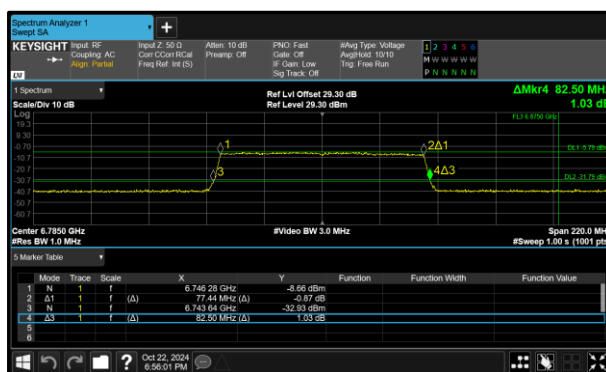


Figure 169 - 802.11ax HE80 SU VLP Minimum 26 dB EBW

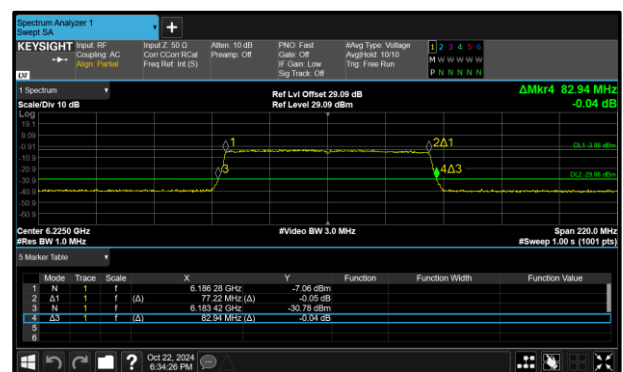


Figure 170 - 802.11ax HE80 SU VLP Maximum 26 dB EBW



Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11ax HE20 SU LPI	18.960	19.080
802.11ax HE40 SU LPI	37.920	38.160
802.11ax HE80 SU LPI	77.000	77.440
802.11ax HE20 SU SP	18.960	19.080
802.11ax HE40 SU SP	38.040	38.280
802.11ax HE80 SU SP	77.220	77.660
802.11ax HE80 SU VLP	77.220	77.440

Table 92 - 99% Bandwidth Summary Results - TxBF

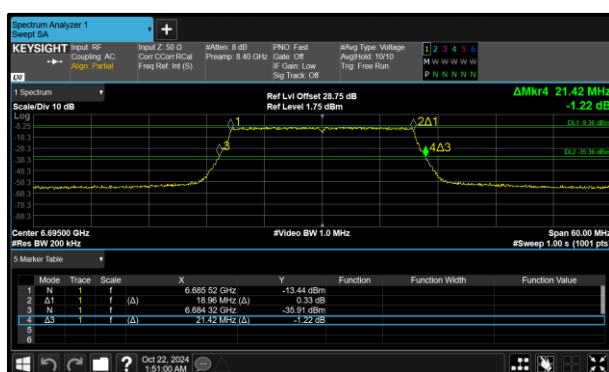


Figure 171 - 802.11ax HE20 SU LPI Minimum 99% OBW

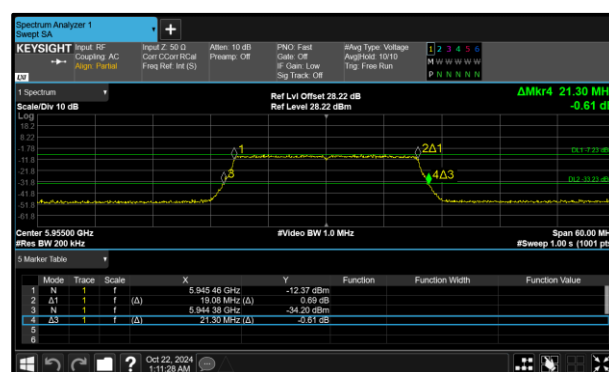


Figure 172 - 802.11ax HE20 SU LPI Maximum 99% OBW

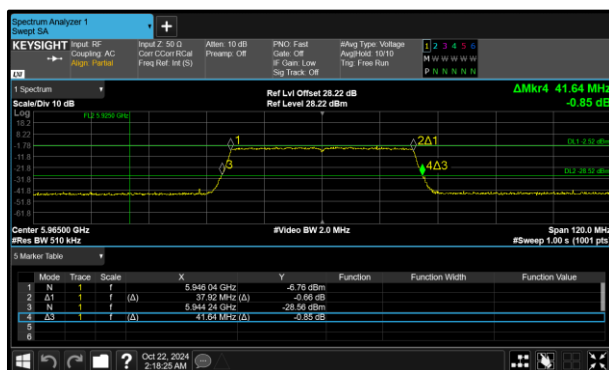


Figure 173 - 802.11ax HE40 SU LPI Minimum 99% OBW

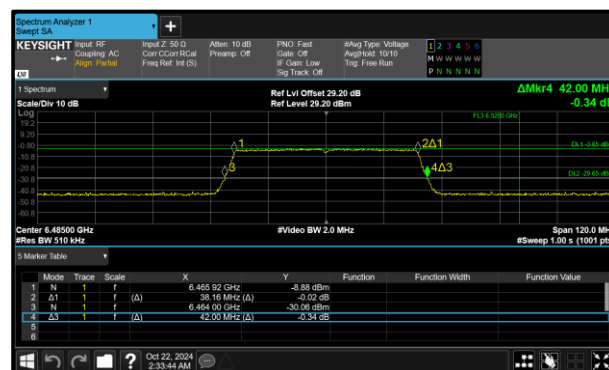


Figure 174 - 802.11ax HE40 SU LPI Maximum 99% OBW

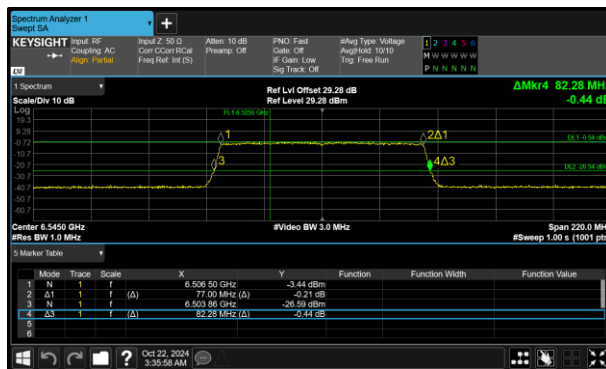


Figure 175 - 802.11ax HE80 SU LPI Minimum 99% OBW

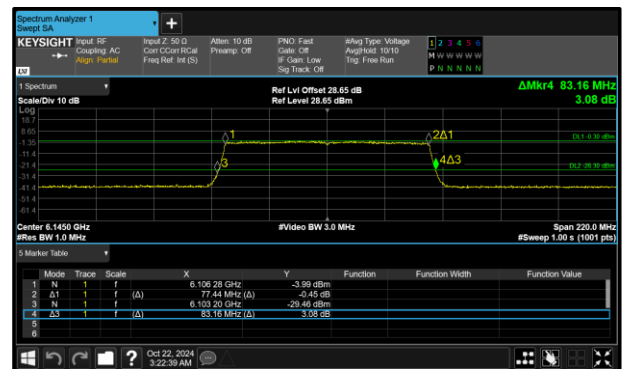


Figure 176 - 802.11ax HE80 SU LPI Maximum 99% OBW

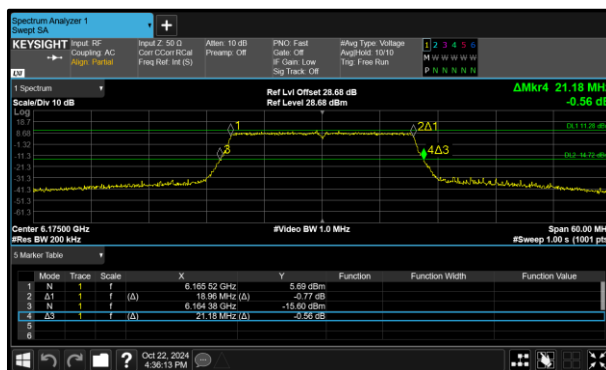


Figure 177 - 802.11ax HE20 SU SP Minimum 99% OBW

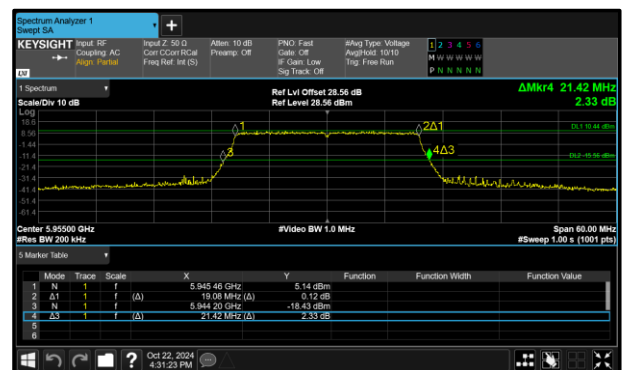


Figure 178 - 802.11ax HE20 SU SP Maximum 99% OBW

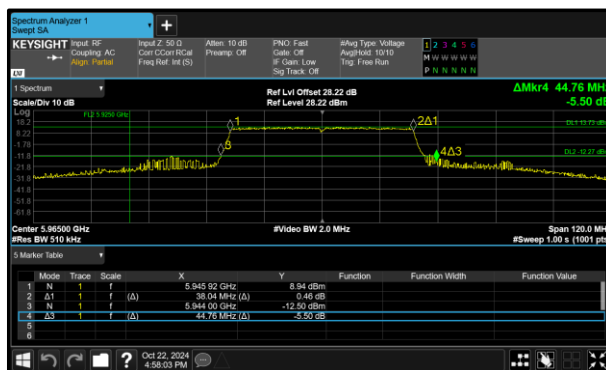


Figure 179 - 802.11ax HE40 SU SP Minimum 99% OBW

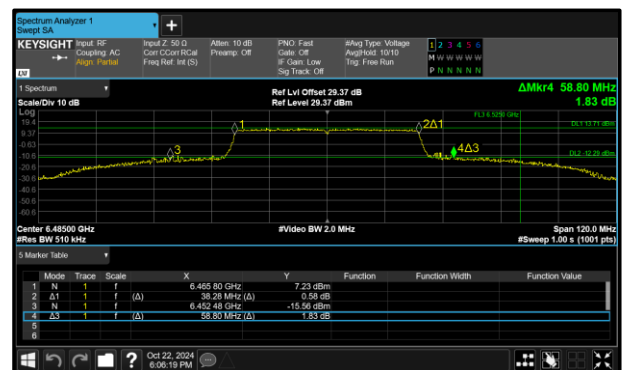


Figure 180 - 802.11ax HE40 SU SP Maximum 99% OBW

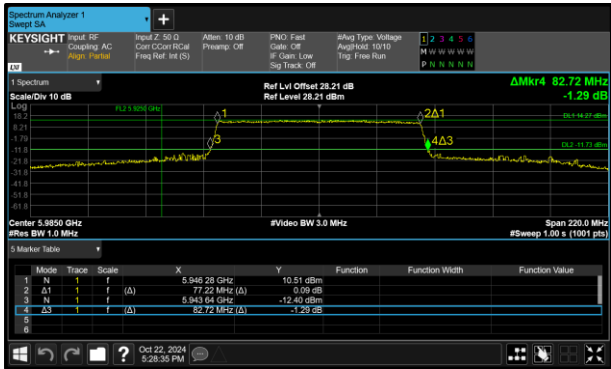


Figure 181 - 802.11ax HE80 SU SP Minimum 99% OBW

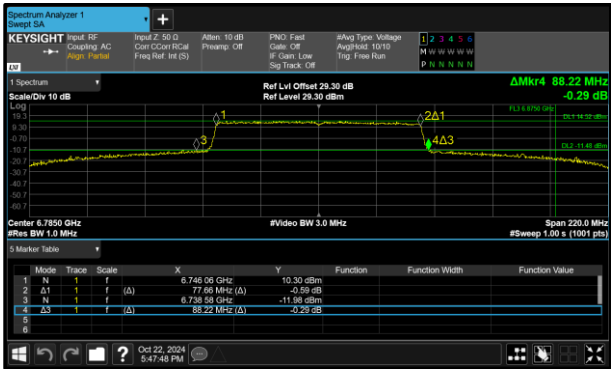


Figure 182 - 802.11ax HE80 SU SP Maximum 99% OBW

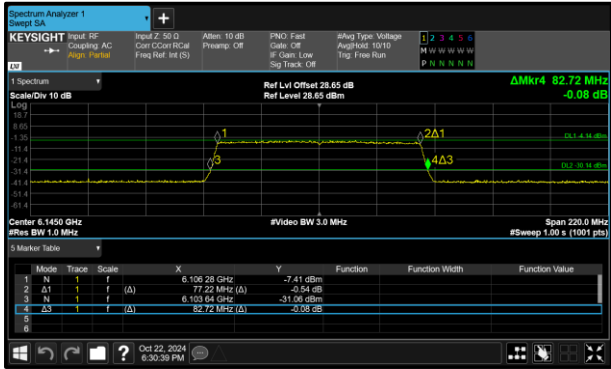


Figure 183 - 802.11ax HE80 SU VLP Minimum 99% OBW

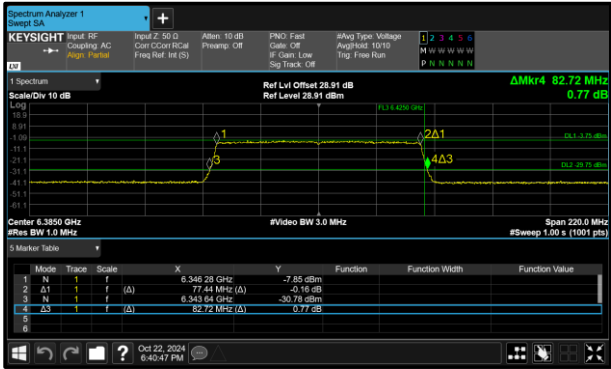


Figure 184 - 802.11ax HE80 SU VLP Maximum 99% OBW



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407 (a) (11) RSS-248 4.4	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
5955	21.300	21.300	-	-	320.0
6175	21.540	21.480	-	-	320.0
6415	21.240	21.240	-	-	320.0
6435	21.300	21.420	-	-	320.0
6475	21.360	21.240	-	-	320.0
6515	21.300	21.180	-	-	320.0
6535	21.480	21.420	-	-	320.0
6695	21.360	21.420	-	-	320.0
6855	21.360	21.360	-	-	320.0
6875	21.420	21.420	-	-	320.0
6895	21.240	21.240	-	-	320.0
6995	21.360	21.660	-	-	320.0
7095	21.300	21.360	-	-	320.0

Table 93 - 26 dB Bandwidth Results



Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
5955	19.020	19.080	-	-	320.0
6175	19.020	19.080	-	-	320.0
6415	19.020	19.020	-	-	320.0
6435	19.020	19.020	-	-	320.0
6475	19.080	19.080	-	-	320.0
6515	19.020	19.080	-	-	320.0
6535	19.080	19.080	-	-	320.0
6695	19.080	18.960	-	-	320.0
6855	19.020	19.020	-	-	320.0
6875	19.080	19.020	-	-	320.0
6895	19.080	19.020	-	-	320.0
6995	19.020	19.080	-	-	320.0
7095	19.020	19.080	-	-	320.0

Table 94 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407 (a) (11) RSS-248 4.4	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
5965	42.000	41.640	-	-	320.0
6165	42.120	42.000	-	-	320.0
6405	42.120	42.120	-	-	320.0
6445	42.120	42.000	-	-	320.0
6485	42.240	42.000	-	-	320.0
6525	41.880	41.880	-	-	320.0
6565	42.120	42.000	-	-	320.0
6685	42.000	42.000	-	-	320.0
6845	42.120	42.000	-	-	320.0
6885	42.120	41.880	-	-	320.0
6925	42.120	42.000	-	-	320.0
7005	42.000	42.000	-	-	320.0
7085	42.240	41.880	-	-	320.0

Table 95 - 26 dB Bandwidth Results



Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
5965	38.160	37.920	-	-	320.0
6165	37.920	37.920	-	-	320.0
6405	38.040	37.920	-	-	320.0
6445	38.040	38.040	-	-	320.0
6485	37.920	38.160	-	-	320.0
6525	37.920	38.040	-	-	320.0
6565	38.040	38.040	-	-	320.0
6685	38.040	38.040	-	-	320.0
6845	38.040	38.160	-	-	320.0
6885	38.040	37.920	-	-	320.0
6925	38.040	38.040	-	-	320.0
7005	38.040	38.160	-	-	320.0
7085	38.040	38.040	-	-	320.0

Table 96 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407 (a) (11) RSS-248 4.4	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
5985	82.500	82.500	-	-	320.0
6145	83.160	82.940	-	-	320.0
6385	82.940	82.500	-	-	320.0
6465	82.940	82.280	-	-	320.0
6545	82.720	82.280	-	-	320.0
6625	82.940	82.940	-	-	320.0
6705	82.500	82.720	-	-	320.0
6785	82.720	82.500	-	-	320.0
6865	82.720	82.940	-	-	320.0
6945	82.500	82.500	-	-	320.0
7025	82.720	82.500	-	-	320.0

Table 97 - 26 dB Bandwidth Results



Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
5985	77.220	77.220	-	-	320.0
6145	77.440	77.220	-	-	320.0
6385	77.220	77.220	-	-	320.0
6465	77.440	77.440	-	-	320.0
6545	77.220	77.000	-	-	320.0
6625	77.220	77.220	-	-	320.0
6705	77.220	77.220	-	-	320.0
6785	77.220	77.220	-	-	320.0
6865	77.220	77.000	-	-	320.0
6945	77.220	77.220	-	-	320.0
7025	77.440	77.220	-	-	320.0

Table 98 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407 (a) (11) RSS-248 4.4	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
5955	21.420	21.240	-	-	320.0
6175	21.180	21.300	-	-	320.0
6415	21.300	21.300	-	-	320.0
6535	21.300	21.360	-	-	320.0
6695	21.300	21.360	-	-	320.0
6855	21.300	21.360	-	-	320.0

Table 99 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
5955	19.080	19.020	-	-	320.0
6175	18.960	19.020	-	-	320.0
6415	19.020	19.020	-	-	320.0
6435	19.020	19.080	-	-	320.0
6475	19.020	19.080	-	-	320.0
6515	19.080	19.080	-	-	320.0
6535	18.960	19.080	-	-	320.0
6695	19.020	19.020	-	-	320.0
6855	19.020	19.020	-	-	320.0

Table 100 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407 (a) (11) RSS-248 4.4	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
5965	45.360	44.760	-	-	320.0
6165	45.360	45.120	-	-	320.0
6405	58.320	56.760	-	-	320.0
6565	62.520	58.800	-	-	320.0
6685	57.600	58.800	-	-	320.0
6845	56.880	57.360	-	-	320.0

Table 101 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
5965	38.160	38.040	-	-	320.0
6165	38.160	38.160	-	-	320.0
6405	38.160	38.160	-	-	320.0
6445	38.160	38.160	-	-	320.0
6485	38.280	38.160	-	-	320.0
6525	38.280	38.160	-	-	320.0
6565	38.280	38.160	-	-	320.0
6685	38.160	38.160	-	-	320.0
6845	38.040	38.280	-	-	320.0

Table 102 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407 (a) (11) RSS-248 4.4	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
5985	82.940	82.720	-	-	320.0
6145	83.600	82.720	-	-	320.0
6385	99.660	82.940	-	-	320.0
6625	83.820	82.940	-	-	320.0
6705	83.600	82.940	-	-	320.0
6785	88.220	83.820	-	-	320.0

Table 103 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
5985	77.440	77.220	-	-	320.0
6145	77.440	77.440	-	-	320.0
6385	77.440	77.440	-	-	320.0
6465	77.440	77.440	-	-	320.0
6545	77.440	77.440	-	-	320.0
6625	77.440	77.440	-	-	320.0
6705	77.440	77.440	-	-	320.0
6785	77.660	77.440	-	-	320.0

Table 104 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407 (a) (11)	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
6145	82.720	82.720	-	-	320.0
6225	82.940	82.720	-	-	320.0
6385	82.720	82.720	-	-	320.0
6625	82.940	82.720	-	-	320.0
6705	82.720	82.720	-	-	320.0
6785	82.500	82.940	-	-	320.0

Table 105 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
6145	77.220	77.220	-	-	320.0
6225	77.220	77.220	-	-	320.0
6385	77.220	77.440	-	-	320.0
6625	77.440	77.440	-	-	320.0
6705	77.440	77.440	-	-	320.0
6785	77.440	77.220	-	-	320.0

Table 106 - 99% Bandwidth Results

FCC Part 15E, Limit Clause 15.407 (a)(11)

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

ISED RSS-248, Limit Clause 4.4

The occupied bandwidth shall not exceed 320 MHz.



2.1.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 18 and RF Laboratory 14.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Hygrometer	Rotronic	I-1000	3068	12	07-Nov-2024
1800-6000 MHz Power Splitter	Mini-Circuits	ZN2PD-63-S+	4055	-	O/P Mon
Attenuator 5W 30dB DC-18GHz	Aaren	AT40A-4041-D18-30	5505	12	22-Feb-2025
2-Way Power Divider (2-8 GHz)	Aaren	AT30A-TE0208-2-AF	5685	12	02-Jan-2025
1500VA AC Power Supply	iTech	IT7324	5907	-	O/P Mon
MXA Signal Analyser	Keysight Technologies	N9020B	5919	24	18-Mar-2026
Digital Multimeter	Fluke	115	6145	12	06-Jun-2025
Cable (SMA to SMA 1m)	Junkosha	MWX221/B	6305	12	20-May-2025
Cable (SMA to SMA 3m)	Junkosha	MWX221-03000AMSAMS/A	6317	12	23-May-2025
MXA Signal Analyser	Keysight Technologies	N9020B	6417	24	26-Feb-2025
MXA Signal Analyser	Keysight Technologies	N9020B	6419	24	28-Feb-2025
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	6447	-	O/P Mon
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	6448	-	O/P Mon
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6517	12	22-Feb-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6518	12	16-Feb-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6519	12	08-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6520	12	09-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6521	12	09-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6526	12	22-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6527	12	05-Mar-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6529	12	16-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6530	12	16-Feb-2025
AC Programmable Power Supply	iTech	IT7324	6662	-	O/P Mon
AC Programmable Power Supply	iTech	IT7324	6665	-	O/P Mon
WiFi 6E Tri-Band Gaming Router	Asus	GT-AXE110000	6694	-	TU

Table 107

TU - Traceability Unscheduled

O/P Mon - Output Monitored using calibrated equipment



2.2 Dual Client Test

2.2.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407(a)
ISED RSS-248, Clause 4.5
ISED RSS-GEN, Clause 6.12

2.2.2 Equipment Under Test and Modification State

A3143, S/N: XJ32YWNFP0 - Modification State 0

2.2.3 Date of Test

28-October-2024

2.2.4 Test Method

The test procedure was performed in accordance with KDB 987594 D02 section K to verify when connected to Low Power AP and Standard Power AP, the client device selected the appropriate power and section L to verify that the EUT is transmitting at a power level at least 6 dB below the level of the standard power access point it is connected to.

The EUT and both APs were configured to operate in SISO mode on channel 37 (6135 MHz), HE20, MCS0x1. With the power measured in accordance with ANSI C63.10 method SA-2.

2.2.5 Test Setup Diagram

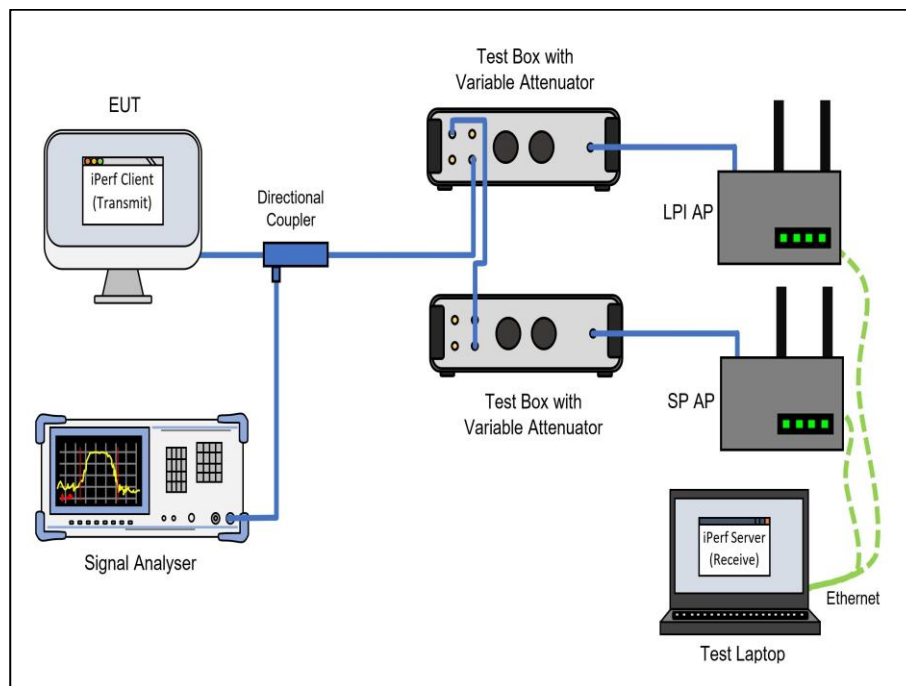


Figure 185 - Test Equipment Setup Diagram

2.2.6 Environmental Conditions

Ambient Temperature	21.6 °C
Relative Humidity	41.5 %



2.2.7 Test Results

6 GHz WLAN

Parameter	Result (dBm)
Client RF Output Power when associated with Std Power AP (dBm)	19.47
Client RF Output Power when associated with Low Power AP (dBm)	9.71

Table 108 - Power Adjustment based on Associated AP

Client Device Power Setting	Std Power AP Power Setting (dBm)	Client Device Power (dBm)	Δ power (dB) Std Power AP to Client	Verdict
Highest	36.0	19.47	16.53	Pass
Mid-Point	28.0	18.21	9.79	Pass
Lowest	21.0	11.68	9.32	Pass

Table 109 - Client Device Connected to Std Power AP

FCC 47 CFR Part 15.407(a)(7) and (a)(8) / ISSED RSS-248, Limit Clause 4.5.3(b), 4.5.5(b) & 4.5.5(c)

The EIRP of the client device when associated with a standard power access point shall not exceed 30 dBm.

The EIRP of the client device when associated with a low power access point shall not exceed 24 dBm.

The maximum power limits shall remain at least 6 dB below the power levels authorized for the associated standard-power access point.



2.2.8 Test Location and Test Equipment Used

This test was carried out in Shielded Laboratory 1.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
EXA Signal Analyser	Keysight Technologies	N9010B	4968	24	29-Jan-2026
3.5 mm 2m Cable	Junkosha	MWX221-02000DMS	5429	12	16-May-2025
3.5 mm 2m Cable	Junkosha	MWX221-02000DMS	5430	12	16-May-2025
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	5765	-	O/P Mon
3.5mm Cable (1m)	Junkosha	MWX221/B	5838	12	29-Jul-2025
WiFi 6E Tri-Band Gaming Router	Asus	GT-AXE110000	5926	-	TU
Cable (K Type 2m)	Junkosha	MWX241-02000KMSKMS/B	5936	12	23-May-2025
Cable (K Type 2m)	Junkosha	MWX241-02000KMSKMS/B	5938	12	23-May-2025
Thermohygrometer	R.S Components	1364	6352	12	13-Jun-2025
Test Coupling Network	TUV SUD	TUV_RxTest_001	6387	12	06-Sep-2025
Test Coupling Network	TUV SUD	TUV_RxTest_001	6441	12	30-Apr-2025

Table 110

TU - Traceability Unscheduled

O/P Mon - Output Monitored using calibrated equipment

NOTE: In addition to the above equipment, the test equipment recorded below, which was provided by the customer, was also used for this test.

2.2.9 Customer Supplied Support Equipment

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Standard Power AP (BCM94916REF2)	BROADCOM	3A2702TG00088	N/A	-	TU

Table 111



2.3 Maximum Conducted Output Power

2.3.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (a)
ISED RSS-248, Clause 4.5
ISED RSS-GEN, Clause 6.12

2.3.2 Equipment Under Test and Modification State

A3143, S/N: NTP2P9W067 - Modification State 0
A3143, S/N: VCXLW6763J - Modification State 0
A3143, S/N: VXR3QWTV2G - Modification State 0

2.3.3 Date of Test

18-October-2024 to 26-October-2024

2.3.4 Test Method

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

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

The EUT has equal conducted powers on all ports for each mode of operation, but unequal antenna gains. Therefore, for SISO and 2TX MIMO modes the EUT was tested on the ports with the highest antenna gain combinations which would result in the highest EIRP output power.

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

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

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

2.3.5 Environmental Conditions

Ambient Temperature	21.5 - 22.5 °C
Relative Humidity	52.6 - 58.9 %



2.3.6 Test Results

6 GHz WLAN

SISO

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11a LPI	Duty Cycle (%):	97.8
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.85
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-	7.85	-	-	7.85	0.71	8.56	24.00	-15.44
6175	-	7.17	-	-	7.17	1.37	8.54	24.00	-15.46
6415	-	7.11	-	-	7.11	1.63	8.74	24.00	-15.26
6435	-	7.35	-	-	7.35	1.37	8.72	24.00	-15.28
6475	-	7.09	-	-	7.09	1.37	8.46	24.00	-15.54
6515	-	7.11	-	-	7.11	1.37	8.48	24.00	-15.52
6535	-	6.89	-	-	6.89	1.62	8.51	24.00	-15.49
6695	-	6.99	-	-	6.99	1.62	8.61	24.00	-15.39
6855	-	6.76	-	-	6.76	1.62	8.38	24.00	-15.62
6875	-	6.59	-	-	6.59	1.85	8.44	24.00	-15.56
6895	-	6.94	-	-	6.94	1.85	8.79	24.00	-15.21
6995	-	6.67	-	-	6.67	1.85	8.52	24.00	-15.48
7115	-	1.78	-	-	1.78	1.85	3.63	24.00	-20.37

Table 112 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU LPI	Duty Cycle (%):	96.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.85
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-	7.79	-	-	7.79	0.71	8.50	24.00	-15.50
6175	-	7.10	-	-	7.10	1.37	8.47	24.00	-15.53
6415	-	6.95	-	-	6.95	1.63	8.58	24.00	-15.42
6435	-	7.28	-	-	7.28	1.37	8.65	24.00	-15.35
6475	-	7.13	-	-	7.13	1.37	8.50	24.00	-15.50
6515	-	7.21	-	-	7.21	1.37	8.58	24.00	-15.42
6535	-	7.00	-	-	7.00	1.62	8.62	24.00	-15.38
6695	-	6.76	-	-	6.76	1.62	8.38	24.00	-15.62
6855	-	7.05	-	-	7.05	1.62	8.67	24.00	-15.33
6875	-	6.70	-	-	6.70	1.85	8.55	24.00	-15.45
6895	-	6.63	-	-	6.63	1.85	8.48	24.00	-15.52
6995	-	6.52	-	-	6.52	1.85	8.37	24.00	-15.63
7095	-	6.70	-	-	6.70	1.85	8.55	24.00	-15.45

Table 113 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU LPI	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.85
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	-	10.55	-	-	10.55	0.71	11.26	24.00	-12.74
6165	-	9.63	-	-	9.63	1.37	11.00	24.00	-13.00
6405	-	9.38	-	-	9.38	1.63	11.01	24.00	-12.99
6445	-	9.79	-	-	9.79	1.37	11.16	24.00	-12.84
6485	-	9.88	-	-	9.88	1.37	11.25	24.00	-12.75
6525	-	9.49	-	-	9.49	1.62	11.11	24.00	-12.89
6565	-	9.25	-	-	9.25	1.62	10.87	24.00	-13.13
6685	-	9.46	-	-	9.46	1.62	11.08	24.00	-12.92
6845	-	9.68	-	-	9.68	1.62	11.30	24.00	-12.70
6885	-	9.07	-	-	9.07	1.85	10.92	24.00	-13.08
6925	-	9.09	-	-	9.09	1.85	10.94	24.00	-13.06
7005	-	9.50	-	-	9.50	1.85	11.35	24.00	-12.65
7085	-	9.08	-	-	9.08	1.85	10.93	24.00	-13.07

Table 114 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.85
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	-	13.36	-	-	13.36	0.71	14.07	24.00	-9.93
6145	-	12.67	-	-	12.67	1.37	14.04	24.00	-9.96
6385	-	12.29	-	-	12.29	1.63	13.92	24.00	-10.08
6465	-	12.69	-	-	12.69	1.37	14.06	24.00	-9.94
6545	-	12.28	-	-	12.28	1.62	13.90	24.00	-10.10
6625	-	12.32	-	-	12.32	1.62	13.94	24.00	-10.06
6705	-	12.49	-	-	12.49	1.62	14.11	24.00	-9.89
6785	-	12.49	-	-	12.49	1.62	14.11	24.00	-9.89
6865	-	12.33	-	-	12.33	1.85	14.18	24.00	-9.82
6945	-	12.24	-	-	12.24	1.85	14.09	24.00	-9.91
7025	-	12.22	-	-	12.22	1.85	14.07	24.00	-9.93

Table 115 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE160 SU LPI	Duty Cycle (%):	93.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.85
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	-	16.31	-	-	16.31	0.71	17.02	24.00	-6.98
6185	-	15.85	-	-	15.85	1.37	17.22	24.00	-6.78
6345	-	15.28	-	-	15.28	1.63	16.91	24.00	-7.09
6505	-	15.68	-	-	15.68	1.62	17.30	24.00	-6.70
6665	-	15.26	-	-	15.26	1.62	16.88	24.00	-7.12
6825	-	15.29	-	-	15.29	1.85	17.14	24.00	-6.86
6985	-	15.29	-	-	15.29	1.85	17.14	24.00	-6.86

Table 116 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11a SP	Duty Cycle (%):	97.8
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.63
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-	21.03	-	-	21.03	0.71	21.74	30.00	-8.26
6175	-	21.32	-	-	21.32	1.37	22.69	30.00	-7.31
6415	-	21.05	-	-	21.05	1.63	22.68	30.00	-7.32
6435	-	21.00	-	-	21.00	1.37	22.37	30.00	-7.63
6475	-	21.13	-	-	21.13	1.37	22.50	30.00	-7.50
6515	-	21.02	-	-	21.02	1.37	22.39	30.00	-7.61
6535	-	21.01	-	-	21.01	1.62	22.63	30.00	-7.37
6695	-	21.23	-	-	21.23	1.62	22.85	30.00	-7.15
6855	-	21.10	-	-	21.10	1.62	22.72	30.00	-7.28

Table 117 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU SP	Duty Cycle (%):	96.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.63
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-	21.24	-	-	21.24	0.71	21.95	30.00	-8.05
6175	-	21.06	-	-	21.06	1.37	22.43	30.00	-7.57
6415	-	21.09	-	-	21.09	1.63	22.72	30.00	-7.28
6435	-	21.11	-	-	21.11	1.37	22.48	30.00	-7.52
6475	-	21.24	-	-	21.24	1.37	22.61	30.00	-7.39
6515	-	21.21	-	-	21.21	1.37	22.58	30.00	-7.42
6535	-	21.29	-	-	21.29	1.62	22.91	30.00	-7.09
6695	-	21.04	-	-	21.04	1.62	22.66	30.00	-7.34
6855	-	21.11	-	-	21.11	1.62	22.73	30.00	-7.27

Table 118 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU SP	Duty Cycle (%):	96.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.63
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	-	21.26	-	-	21.26	0.71	21.97	30.00	-8.03
6165	-	21.11	-	-	21.11	1.37	22.48	30.00	-7.52
6405	-	21.25	-	-	21.25	1.63	22.88	30.00	-7.12
6445	-	21.19	-	-	21.19	1.37	22.56	30.00	-7.44
6485	-	21.26	-	-	21.26	1.37	22.63	30.00	-7.37
6525	-	21.23	-	-	21.23	1.62	22.85	30.00	-7.15
6565	-	21.15	-	-	21.15	1.62	22.77	30.00	-7.23
6685	-	21.09	-	-	21.09	1.62	22.71	30.00	-7.29
6845	-	21.36	-	-	21.36	1.62	22.98	30.00	-7.02

Table 119 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU SP	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.63
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	-	21.25	-	-	21.25	0.71	21.96	30.00	-8.04
6145	-	21.24	-	-	21.24	1.37	22.61	30.00	-7.39
6385	-	21.05	-	-	21.05	1.63	22.68	30.00	-7.32
6465	-	21.04	-	-	21.04	1.37	22.41	30.00	-7.59
6545	-	21.02	-	-	21.02	1.62	22.64	30.00	-7.36
6625	-	21.00	-	-	21.00	1.62	22.62	30.00	-7.38
6705	-	21.09	-	-	21.09	1.62	22.71	30.00	-7.29
6785	-	21.13	-	-	21.13	1.62	22.75	30.00	-7.25

Table 120 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE160 SU SP	Duty Cycle (%):	93.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.63
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	-	19.03	-	-	19.03	0.71	19.74	30.00	-10.26
6185	-	19.21	-	-	19.21	1.37	20.58	30.00	-9.42
6345	-	19.34	-	-	19.34	1.63	20.97	30.00	-9.03
6505	-	18.83	-	-	18.83	1.62	20.45	30.00	-9.55
6665	-	19.88	-	-	19.88	1.62	21.50	30.00	-8.50

Table 121 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11a VLP	Duty Cycle (%):	97.9
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.63
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6115	-	3.27	-	-	3.27	1.37	4.64	14.00	-9.36
6275	-	2.97	-	-	2.97	1.63	4.60	14.00	-9.40
6415	-	3.01	-	-	3.01	1.63	4.64	14.00	-9.36
6535	-	3.13	-	-	3.13	1.62	4.75	14.00	-9.25
6695	-	3.00	-	-	3.00	1.62	4.62	14.00	-9.38
6855	-	3.02	-	-	3.02	1.62	4.64	14.00	-9.36

Table 122 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU VLP	Duty Cycle (%):	96.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.63
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6115	-	3.42	-	-	3.42	1.37	4.79	14.00	-9.21
6275	-	2.91	-	-	2.91	1.63	4.54	14.00	-9.46
6415	-	3.17	-	-	3.17	1.63	4.80	14.00	-9.20
6535	-	2.80	-	-	2.80	1.62	4.42	14.00	-9.58
6695	-	2.97	-	-	2.97	1.62	4.59	14.00	-9.41
6855	-	2.85	-	-	2.85	1.62	4.47	14.00	-9.53

Table 123 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU VLP	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.63
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6125	-	5.71	-	-	5.71	1.37	7.08	14.00	-6.92
6285	-	5.43	-	-	5.43	1.63	7.06	14.00	-6.94
6405	-	5.55	-	-	5.55	1.63	7.18	14.00	-6.82
6565	-	5.53	-	-	5.53	1.62	7.15	14.00	-6.85
6685	-	5.38	-	-	5.38	1.62	7.00	14.00	-7.00
6845	-	5.28	-	-	5.28	1.62	6.90	14.00	-7.10

Table 124 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU VLP	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.63
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6145	-	8.70	-	-	8.70	1.37	10.07	14.00	-3.93
6225	-	8.84	-	-	8.84	1.37	10.21	14.00	-3.79
6385	-	8.39	-	-	8.39	1.63	10.02	14.00	-3.98
6625	-	8.44	-	-	8.44	1.62	10.06	14.00	-3.94
6705	-	8.67	-	-	8.67	1.62	10.29	14.00	-3.71
6785	-	8.42	-	-	8.42	1.62	10.04	14.00	-3.96

Table 125 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE160 SU VLP	Duty Cycle (%):	93.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.63
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6185	-	11.17	-	-	11.17	1.37	12.54	14.00	-1.46
6345	-	10.98	-	-	10.98	1.63	12.61	14.00	-1.39
6665	-	11.05	-	-	11.05	1.62	12.67	14.00	-1.33

Table 126 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU26 LPI	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x1	DCCC (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.85
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU26.0)	-	-0.78	-	-	-0.78	0.71	-0.07	24.00	-24.07
6175 (RU26.0)	-	-1.74	-	-	-1.74	1.37	-0.37	24.00	-24.37
6415 (RU26.8)	-	-2.15	-	-	-2.15	1.63	-0.52	24.00	-24.52
6435 (RU26.0)	-	-1.72	-	-	-1.72	1.37	-0.35	24.00	-24.35
6475 (RU26.0)	-	-1.65	-	-	-1.65	1.37	-0.28	24.00	-24.28
6515 (RU26.8)	-	-1.51	-	-	-1.51	1.37	-0.14	24.00	-24.14
6535 (RU26.0)	-	-2.24	-	-	-2.24	1.62	-0.62	24.00	-24.62
6695 (RU26.0)	-	-1.84	-	-	-1.84	1.62	-0.22	24.00	-24.22
6855 (RU26.8)	-	-2.18	-	-	-2.18	1.62	-0.56	24.00	-24.56
6875 (RU26.3)	-	-2.44	-	-	-2.44	1.62	-0.82	24.00	-24.82
6875 (RU26.5)	-	-2.45	-	-	-2.45	1.85	-0.60	24.00	-24.60
6895 (RU26.0)	-	-2.44	-	-	-2.44	1.85	-0.59	24.00	-24.59
6995 (RU26.0)	-	-2.41	-	-	-2.41	1.85	-0.56	24.00	-24.56
7095 (RU26.8)	-	-2.34	-	-	-2.34	1.85	-0.49	24.00	-24.49

Table 127 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU52 LPI	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x1	DCCC (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.85
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU52.37)	-	2.21	-	-	2.21	0.71	2.92	24.00	-21.08
6175 (RU52.37)	-	1.25	-	-	1.25	1.37	2.62	24.00	-21.38
6415 (RU52.40)	-	0.82	-	-	0.82	1.63	2.45	24.00	-21.55
6435 (RU52.37)	-	1.43	-	-	1.43	1.37	2.80	24.00	-21.20
6475 (RU52.37)	-	1.46	-	-	1.46	1.37	2.83	24.00	-21.17
6515 (RU52.40)	-	1.48	-	-	1.48	1.37	2.85	24.00	-21.15
6535 (RU52.37)	-	0.98	-	-	0.98	1.62	2.60	24.00	-21.40
6695 (RU52.37)	-	0.90	-	-	0.90	1.62	2.52	24.00	-21.48
6855 (RU52.40)	-	1.08	-	-	1.08	1.62	2.70	24.00	-21.30
6875 (RU52.38)	-	0.70	-	-	0.70	1.62	2.32	24.00	-21.68
6875 (RU52.39)	-	0.72	-	-	0.72	1.85	2.57	24.00	-21.43
6895 (RU52.37)	-	0.55	-	-	0.55	1.85	2.40	24.00	-21.60
6995 (RU52.37)	-	0.53	-	-	0.53	1.85	2.38	24.00	-21.62
7095 (RU52.40)	-	0.64	-	-	0.64	1.85	2.49	24.00	-21.51

Table 128 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU106 LPI	Duty Cycle (%):	98.0
Modulation Coding Scheme:	MCS2x1	DCCC (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.85
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	-	4.84	-	-	4.84	0.71	5.55	24.00	-18.45
6175 (RU106.53)	-	4.46	-	-	4.46	1.37	5.83	24.00	-18.17
6415 (RU106.54)	-	3.90	-	-	3.90	1.63	5.53	24.00	-18.47
6435 (RU106.53)	-	4.42	-	-	4.42	1.37	5.79	24.00	-18.21
6475 (RU106.53)	-	4.32	-	-	4.32	1.37	5.69	24.00	-18.31
6515 (RU106.54)	-	4.24	-	-	4.24	1.37	5.61	24.00	-18.39
6535 (RU106.53)	-	3.98	-	-	3.98	1.62	5.60	24.00	-18.40
6695 (RU106.53)	-	3.93	-	-	3.93	1.62	5.55	24.00	-18.45
6855 (RU106.54)	-	3.90	-	-	3.90	1.62	5.52	24.00	-18.48
6875 (RU106.53)	-	3.74	-	-	3.74	1.62	5.36	24.00	-18.64
6875 (RU106.54)	-	3.74	-	-	3.74	1.85	5.59	24.00	-18.41
6895 (RU106.53)	-	3.73	-	-	3.73	1.85	5.58	24.00	-18.42
6995 (RU106.53)	-	3.72	-	-	3.72	1.85	5.57	24.00	-18.43
7095 (RU106.54)	-	3.60	-	-	3.60	1.85	5.45	24.00	-18.55

Table 129 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU26 SP	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.63
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU26.0)	-	13.23	-	-	13.23	0.71	13.94	30.00	-16.06
6175 (RU26.0)	-	13.40	-	-	13.40	1.37	14.77	30.00	-15.23
6415 (RU26.8)	-	13.29	-	-	13.29	1.63	14.92	30.00	-15.08
6435 (RU26.0)	-	13.29	-	-	13.29	1.37	14.66	30.00	-15.34
6475 (RU26.0)	-	13.43	-	-	13.43	1.37	14.80	30.00	-15.20
6515 (RU26.8)	-	13.23	-	-	13.23	1.37	14.60	30.00	-15.40
6535 (RU26.0)	-	13.19	-	-	13.19	1.62	14.81	30.00	-15.19
6695 (RU26.0)	-	13.04	-	-	13.04	1.62	14.66	30.00	-15.34
6855 (RU26.8)	-	13.33	-	-	13.33	1.62	14.95	30.00	-15.05

Table 130 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU52 SP	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.63
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU52.37)	-	16.43	-	-	16.43	0.71	17.14	30.00	-12.86
6175 (RU52.37)	-	16.30	-	-	16.30	1.37	17.67	30.00	-12.33
6415 (RU52.40)	-	16.38	-	-	16.38	1.63	18.01	30.00	-11.99
6435 (RU52.37)	-	16.39	-	-	16.39	1.37	17.76	30.00	-12.24
6475 (RU52.37)	-	16.09	-	-	16.09	1.37	17.46	30.00	-12.54
6515 (RU52.40)	-	16.36	-	-	16.36	1.37	17.73	30.00	-12.27
6535 (RU52.37)	-	16.34	-	-	16.34	1.62	17.96	30.00	-12.04
6695 (RU52.37)	-	16.28	-	-	16.28	1.62	17.90	30.00	-12.10
6855 (RU52.40)	-	16.31	-	-	16.31	1.62	17.93	30.00	-12.07

Table 131 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU106 SP	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.63
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	-	19.11	-	-	19.11	0.71	19.82	30.00	-10.18
6175 (RU106.53)	-	19.27	-	-	19.27	1.37	20.64	30.00	-9.36
6415 (RU106.54)	-	19.44	-	-	19.44	1.63	21.07	30.00	-8.93
6435 (RU106.53)	-	19.49	-	-	19.49	1.37	20.86	30.00	-9.14
6475 (RU106.53)	-	19.23	-	-	19.23	1.37	20.60	30.00	-9.40
6515 (RU106.54)	-	19.48	-	-	19.48	1.37	20.85	30.00	-9.15
6535 (RU106.53)	-	19.27	-	-	19.27	1.62	20.89	30.00	-9.11
6695 (RU106.53)	-	19.41	-	-	19.41	1.62	21.03	30.00	-8.97
6855 (RU106.54)	-	19.35	-	-	19.35	1.62	20.97	30.00	-9.03

Table 132 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU52 VLP	Duty Cycle (%):	97.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.37
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6115 (RU52.37)	-	-2.69	-	-	-2.69	1.37	-1.32	14.00	-15.32
6195 (RU52.37)	-	-2.70	-	-	-2.70	1.37	-1.33	14.00	-15.33
6255 (RU52.40)	-	-2.82	-	-	-2.82	1.37	-1.45	14.00	-15.45

Table 133 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU106 VLP	Duty Cycle (%):	98.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.63
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6115 (RU106.53)	-	0.39	-	-	0.39	1.37	1.76	14.00	-12.24
6275 (RU106.53)	-	-0.24	-	-	-0.24	1.63	1.39	14.00	-12.61
6415 (RU106.54)	-	-0.08	-	-	-0.08	1.63	1.55	14.00	-12.45
6535 (RU106.53)	-	-0.01	-	-	-0.01	1.62	1.61	14.00	-12.39
6695 (RU106.53)	-	-0.07	-	-	-0.07	1.62	1.55	14.00	-12.45
6855 (RU106.54)	-	-0.15	-	-	-0.15	1.62	1.47	14.00	-12.53

Table 134 - Maximum Conducted (average) Output Power Results



MIMO CDD

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	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 LPI	Duty Cycle (%):	96.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	1.85
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	1.35	2.14	-	-	4.78	0.71	5.49	24.00	-18.51
6175	1.02	1.53	-	-	4.29	1.37	5.66	24.00	-18.34
6415	1.50	1.99	-	-	4.76	1.63	6.39	24.00	-17.61
6435	1.41	1.78	-	-	4.61	1.37	5.98	24.00	-18.02
6475	1.56	1.75	-	-	4.66	1.37	6.03	24.00	-17.97
6515	1.51	1.26	-	-	4.40	1.37	5.77	24.00	-18.23
6535	1.21	1.33	-	-	4.28	1.62	5.90	24.00	-18.10
6695	1.33	0.54	-	-	3.96	1.62	5.58	24.00	-18.42
6855	1.22	-0.13	-	-	3.61	1.62	5.23	24.00	-18.77
6875	1.06	-0.13	-	-	3.52	1.85	5.37	24.00	-18.63
6895	2.13	0.66	-	-	4.47	1.85	6.32	24.00	-17.68
6995	1.88	0.77	-	-	4.37	1.85	6.22	24.00	-17.78
7095	1.87	0.83	-	-	4.39	1.85	6.24	24.00	-17.76

Table 135 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	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 LPI	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	1.85
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	4.40	4.85	-	-	7.64	0.71	8.35	24.00	-15.65
6165	4.18	4.44	-	-	7.32	1.37	8.69	24.00	-15.31
6405	3.81	4.27	-	-	7.06	1.63	8.69	24.00	-15.31
6445	3.94	4.32	-	-	7.15	1.37	8.52	24.00	-15.48
6485	4.23	4.34	-	-	7.29	1.37	8.66	24.00	-15.34
6525	3.69	3.76	-	-	6.74	1.62	8.36	24.00	-15.64
6565	3.71	3.80	-	-	6.76	1.62	8.38	24.00	-15.62
6685	3.83	3.95	-	-	6.90	1.62	8.52	24.00	-15.48
6845	3.78	3.78	-	-	6.79	1.62	8.41	24.00	-15.59
6885	3.80	3.84	-	-	6.83	1.85	8.68	24.00	-15.32
6925	4.59	4.50	-	-	7.55	1.85	9.40	24.00	-14.60
7005	4.16	4.46	-	-	7.32	1.85	9.17	24.00	-14.83
7085	4.37	4.69	-	-	7.54	1.85	9.39	24.00	-14.61

Table 136 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	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 LPI	Duty Cycle (%):	95.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	1.85
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	7.61	7.82	-	-	10.72	0.71	11.43	24.00	-12.57
6145	6.91	7.31	-	-	10.13	1.37	11.50	24.00	-12.50
6385	7.35	7.39	-	-	10.38	1.63	12.01	24.00	-11.99
6465	7.05	7.36	-	-	10.22	1.37	11.59	24.00	-12.41
6545	6.78	6.79	-	-	9.80	1.62	11.42	24.00	-12.58
6625	6.72	6.66	-	-	9.70	1.62	11.32	24.00	-12.68
6705	6.91	6.97	-	-	9.95	1.62	11.57	24.00	-12.43
6785	6.78	6.89	-	-	9.85	1.62	11.47	24.00	-12.53
6865	6.44	6.88	-	-	9.68	1.85	11.53	24.00	-12.47
6945	7.14	7.27	-	-	10.22	1.85	12.07	24.00	-11.93
7025	7.44	7.45	-	-	10.45	1.85	12.30	24.00	-11.70

Table 137 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE160 SU LPI	Duty Cycle (%):	92.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	1.85
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	10.71	10.81	-	-	13.77	0.71	14.48	24.00	-9.52
6185	9.52	10.04	-	-	12.80	1.37	14.17	24.00	-9.83
6345	9.67	10.08	-	-	12.89	1.63	14.52	24.00	-9.48
6505	9.54	9.87	-	-	12.72	1.62	14.34	24.00	-9.66
6665	9.87	9.79	-	-	12.84	1.62	14.46	24.00	-9.54
6825	9.23	9.69	-	-	12.48	1.62	14.10	24.00	-9.90
6985	10.18	10.32	-	-	13.26	1.85	15.11	24.00	-8.89

Table 138 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	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 SP	Duty Cycle (%):	96.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	1.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	19.73	19.80	-	-	22.77	0.71	23.48	30.00	-6.52
6175	18.81	19.08	-	-	21.96	1.37	23.33	30.00	-6.67
6415	18.91	19.25	-	-	22.10	1.63	23.73	30.00	-6.27
6435	19.02	19.22	-	-	22.13	1.37	23.50	30.00	-6.50
6475	19.09	19.20	-	-	22.15	1.37	23.52	30.00	-6.48
6515	19.03	19.44	-	-	22.25	1.37	23.62	30.00	-6.38
6535	18.64	18.65	-	-	21.65	1.62	23.27	30.00	-6.73
6695	18.29	18.75	-	-	21.54	1.62	23.16	30.00	-6.84
6855	18.60	18.73	-	-	21.68	1.62	23.30	30.00	-6.70

Table 139 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	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 SP	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	1.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	21.03	21.43	-	-	24.24	0.71	24.95	30.00	-5.05
6165	20.99	21.18	-	-	24.10	1.37	25.47	30.00	-4.53
6405	21.17	21.19	-	-	24.19	1.63	25.82	30.00	-4.18
6445	21.31	21.22	-	-	24.28	1.37	25.65	30.00	-4.35
6485	21.39	21.24	-	-	24.33	1.37	25.70	30.00	-4.30
6525	21.08	21.26	-	-	24.18	1.62	25.80	30.00	-4.20
6565	21.31	21.40	-	-	24.36	1.62	25.98	30.00	-4.02
6685	21.08	21.05	-	-	24.08	1.62	25.70	30.00	-4.30
6845	21.36	20.94	-	-	24.17	1.62	25.79	30.00	-4.21

Table 140 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	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 SP	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	1.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	21.13	21.41	-	-	24.28	0.71	24.99	30.00	-5.01
6145	21.04	21.22	-	-	24.14	1.37	25.51	30.00	-4.49
6385	20.88	21.19	-	-	24.05	1.63	25.68	30.00	-4.32
6465	21.18	21.25	-	-	24.23	1.37	25.60	30.00	-4.40
6545	21.14	21.06	-	-	24.11	1.62	25.73	30.00	-4.27
6625	21.32	20.98	-	-	24.16	1.62	25.78	30.00	-4.22
6705	21.39	21.25	-	-	24.33	1.62	25.95	30.00	-4.05
6785	21.28	21.42	-	-	24.36	1.62	25.98	30.00	-4.02

Table 141 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE160 SU SP	Duty Cycle (%):	93.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	1.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	18.99	19.12	-	-	22.07	0.71	22.78	30.00	-7.22
6185	18.39	19.17	-	-	21.81	1.37	23.18	30.00	-6.82
6345	18.69	19.02	-	-	21.87	1.63	23.50	30.00	-6.50
6505	18.37	18.50	-	-	21.45	1.62	23.07	30.00	-6.93
6665	18.50	18.82	-	-	21.67	1.62	23.29	30.00	-6.71

Table 142 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	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 VLP	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	1.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6115	-2.79	-2.43	-	-	0.41	1.37	1.78	14.00	-12.22
6275	-2.43	-2.30	-	-	0.65	1.63	2.28	14.00	-11.72
6415	-2.41	-2.42	-	-	0.60	1.63	2.23	14.00	-11.77
6535	-2.85	-3.02	-	-	0.08	1.62	1.70	14.00	-12.30
6695	-2.82	-3.36	-	-	-0.07	1.62	1.55	14.00	-12.45
6855	-2.91	-4.28	-	-	-0.53	1.62	1.09	14.00	-12.91

Table 143 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	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 VLP	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	1.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6125	0.15	0.20	-	-	3.19	1.37	4.56	14.00	-9.44
6285	0.16	0.24	-	-	3.21	1.63	4.84	14.00	-9.16
6405	0.39	0.25	-	-	3.33	1.63	4.96	14.00	-9.04
6565	-0.14	-0.01	-	-	2.93	1.62	4.55	14.00	-9.45
6685	-0.16	-0.53	-	-	2.67	1.62	4.29	14.00	-9.71
6845	-0.30	-1.49	-	-	2.16	1.62	3.78	14.00	-10.22

Table 144 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	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 VLP	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	1.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6145	3.14	3.34	-	-	6.25	1.37	7.62	14.00	-6.38
6225	3.04	3.12	-	-	6.09	1.37	7.46	14.00	-6.54
6385	2.87	3.16	-	-	6.03	1.63	7.66	14.00	-6.34
6625	2.96	2.81	-	-	5.90	1.62	7.52	14.00	-6.48
6705	2.73	2.30	-	-	5.53	1.62	7.15	14.00	-6.85
6785	2.77	2.15	-	-	5.48	1.62	7.10	14.00	-6.90

Table 145 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE160 SU VLP	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	1.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6185	5.81	6.15	-	-	9.00	1.37	10.37	14.00	-3.63
6345	5.83	6.09	-	-	8.97	1.63	10.60	14.00	-3.40
6665	5.79	5.71	-	-	8.76	1.62	10.38	14.00	-3.62

Table 146 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU26 LPI	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	1.85
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU26.0)	-7.35	-6.55	-	-	-3.92	0.71	-3.21	24.00	-27.21
6175 (RU26.0)	-8.16	-7.21	-	-	-4.65	1.37	-3.28	24.00	-27.28
6415 (RU26.8)	-7.48	-7.14	-	-	-4.30	1.63	-2.67	24.00	-26.67
6435 (RU26.0)	-7.57	-7.14	-	-	-4.34	1.37	-2.97	24.00	-26.97
6475 (RU26.0)	-7.36	-7.15	-	-	-4.24	1.37	-2.87	24.00	-26.87
6515 (RU26.8)	-7.51	-7.47	-	-	-4.48	1.37	-3.11	24.00	-27.11
6535 (RU26.0)	-8.30	-7.75	-	-	-5.01	1.62	-3.39	24.00	-27.39
6695 (RU26.0)	-7.77	-8.41	-	-	-5.07	1.62	-3.45	24.00	-27.45
6855 (RU26.8)	-7.71	-9.19	-	-	-5.38	1.62	-3.76	24.00	-27.76
6875 (RU26.3)	-7.85	-8.30	-	-	-5.06	1.62	-3.44	24.00	-27.44
6875 (RU26.5)	-7.52	-8.75	-	-	-5.08	1.85	-3.23	24.00	-27.23
6895 (RU26.0)	-7.13	-8.10	-	-	-4.58	1.85	-2.73	24.00	-26.73
6995 (RU26.0)	-6.87	-7.60	-	-	-4.21	1.85	-2.36	24.00	-26.36
7095 (RU26.8)	-7.10	-7.97	-	-	-4.50	1.85	-2.65	24.00	-26.65

Table 147 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU52 LPI	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	1.85
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU52.37)	-4.56	-3.75	-	-	-1.12	0.71	-0.41	24.00	-24.41
6175 (RU52.37)	-4.57	-4.33	-	-	-1.44	1.37	-0.07	24.00	-24.07
6415 (RU52.40)	-5.27	-4.44	-	-	-1.82	1.63	-0.19	24.00	-24.19
6435 (RU52.37)	-4.34	-4.27	-	-	-1.29	1.37	0.08	24.00	-23.92
6475 (RU52.37)	-4.71	-4.22	-	-	-1.45	1.37	-0.08	24.00	-24.08
6515 (RU52.40)	-4.39	-4.47	-	-	-1.42	1.37	-0.05	24.00	-24.05
6535 (RU52.37)	-4.77	-4.76	-	-	-1.76	1.62	-0.14	24.00	-24.14
6695 (RU52.37)	-4.99	-5.52	-	-	-2.24	1.62	-0.62	24.00	-24.62
6855 (RU52.40)	-4.96	-5.59	-	-	-2.26	1.62	-0.64	24.00	-24.64
6875 (RU52.38)	-4.93	-5.99	-	-	-2.42	1.62	-0.80	24.00	-24.80
6875 (RU52.39)	-4.50	-5.51	-	-	-1.97	1.85	-0.12	24.00	-24.12
6895 (RU52.37)	-4.18	-4.69	-	-	-1.42	1.85	0.43	24.00	-23.57
6995 (RU52.37)	-3.89	-4.53	-	-	-1.18	1.85	0.67	24.00	-23.33
7095 (RU52.40)	-4.04	-4.97	-	-	-1.47	1.85	0.38	24.00	-23.62

Table 148 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU106 LPI	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x1	DCCC (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	1.85
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	-1.34	-0.55	-	-	2.09	0.71	2.80	24.00	-21.20
6175 (RU106.53)	-2.28	-1.49	-	-	1.14	1.37	2.51	24.00	-21.49
6415 (RU106.54)	-1.69	-1.45	-	-	1.44	1.63	3.07	24.00	-20.93
6435 (RU106.53)	-1.66	-1.40	-	-	1.48	1.37	2.85	24.00	-21.15
6475 (RU106.53)	-1.39	-1.42	-	-	1.61	1.37	2.98	24.00	-21.02
6515 (RU106.54)	-1.07	-1.08	-	-	1.94	1.37	3.31	24.00	-20.69
6535 (RU106.53)	-1.76	-1.64	-	-	1.31	1.62	2.93	24.00	-21.07
6695 (RU106.53)	-1.86	-2.78	-	-	0.72	1.62	2.34	24.00	-21.66
6855 (RU106.54)	-1.62	-2.95	-	-	0.77	1.62	2.39	24.00	-21.61
6875 (RU106.53)	-1.56	-2.79	-	-	0.88	1.62	2.50	24.00	-21.50
6875 (RU106.54)	-1.83	-2.91	-	-	0.67	1.85	2.52	24.00	-21.48
6895 (RU106.53)	-0.95	-2.52	-	-	1.35	1.85	3.20	24.00	-20.80
6995 (RU106.53)	-0.84	-2.06	-	-	1.61	1.85	3.46	24.00	-20.54
7095 (RU106.54)	-0.78	-1.90	-	-	1.71	1.85	3.56	24.00	-20.44

Table 149 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU26 SP	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	1.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU26.0)	10.36	10.81	-	-	13.60	0.71	14.31	30.00	-15.69
6175 (RU26.0)	9.66	10.03	-	-	12.86	1.37	14.23	30.00	-15.77
6415 (RU26.8)	9.41	10.18	-	-	12.82	1.63	14.45	30.00	-15.55
6435 (RU26.0)	10.28	10.45	-	-	13.37	1.37	14.74	30.00	-15.26
6475 (RU26.0)	9.55	10.25	-	-	12.92	1.37	14.29	30.00	-15.71
6515 (RU26.8)	9.89	10.32	-	-	13.12	1.37	14.49	30.00	-15.51
6535 (RU26.0)	9.33	9.88	-	-	12.63	1.62	14.25	30.00	-15.75
6695 (RU26.0)	9.45	9.87	-	-	12.67	1.62	14.29	30.00	-15.71
6855 (RU26.8)	9.57	9.63	-	-	12.61	1.62	14.23	30.00	-15.77

Table 150 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU52 SP	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	1.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU52.37)	13.43	13.97	-	-	16.72	0.71	17.43	30.00	-12.57
6175 (RU52.37)	12.95	13.33	-	-	16.15	1.37	17.52	30.00	-12.48
6415 (RU52.40)	12.49	13.33	-	-	15.94	1.63	17.57	30.00	-12.43
6435 (RU52.37)	12.67	13.33	-	-	16.02	1.37	17.39	30.00	-12.61
6475 (RU52.37)	12.63	13.16	-	-	15.91	1.37	17.28	30.00	-12.72
6515 (RU52.40)	12.70	13.38	-	-	16.06	1.37	17.43	30.00	-12.57
6535 (RU52.37)	12.38	12.98	-	-	15.70	1.62	17.32	30.00	-12.68
6695 (RU52.37)	12.89	12.95	-	-	15.93	1.62	17.55	30.00	-12.45
6855 (RU52.40)	12.79	12.96	-	-	15.89	1.62	17.51	30.00	-12.49

Table 151 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU106 SP	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	1.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	16.31	16.75	-	-	19.54	0.71	20.25	30.00	-9.75
6175 (RU106.53)	15.96	16.30	-	-	19.15	1.37	20.52	30.00	-9.48
6415 (RU106.54)	15.88	16.45	-	-	19.18	1.63	20.81	30.00	-9.19
6435 (RU106.53)	15.76	16.10	-	-	18.95	1.37	20.32	30.00	-9.68
6475 (RU106.53)	15.72	16.11	-	-	18.93	1.37	20.30	30.00	-9.70
6515 (RU106.54)	16.10	16.37	-	-	19.25	1.37	20.62	30.00	-9.38
6535 (RU106.53)	15.41	15.70	-	-	18.57	1.62	20.19	30.00	-9.81
6695 (RU106.53)	15.82	15.47	-	-	18.66	1.62	20.28	30.00	-9.72
6855 (RU106.54)	15.71	15.70	-	-	18.71	1.62	20.33	30.00	-9.67

Table 152 - Maximum Conducted (average) Output Power Results



MIMO SDM

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	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 LPI	Duty Cycle (%):	93.5
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	1.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	5.09	5.32	-	-	8.22	0.48	8.69	24.00	-15.31
6175	4.48	4.54	-	-	7.52	0.90	8.42	24.00	-15.58
6415	4.34	4.66	-	-	7.51	0.83	8.34	24.00	-15.66
6435	4.38	4.71	-	-	7.56	0.88	8.44	24.00	-15.56
6475	4.39	4.62	-	-	7.51	0.88	8.39	24.00	-15.61
6515	4.78	4.92	-	-	7.86	0.88	8.74	24.00	-15.26
6535	4.02	4.38	-	-	7.21	1.27	8.48	24.00	-15.52
6695	4.36	4.48	-	-	7.43	1.27	8.69	24.00	-15.31
6855	4.33	4.23	-	-	7.29	1.27	8.56	24.00	-15.44
6875	4.27	4.21	-	-	7.25	1.27	8.52	24.00	-15.48
6895	4.97	4.89	-	-	7.94	0.62	8.56	24.00	-15.44
6995	4.67	4.84	-	-	7.77	0.62	8.39	24.00	-15.61
7095	4.88	5.01	-	-	7.96	0.62	8.57	24.00	-15.43

Table 153 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	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 LPI	Duty Cycle (%):	93.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	1.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	7.59	7.86	-	-	10.74	0.48	11.21	24.00	-12.79
6165	7.02	7.35	-	-	10.20	0.90	11.09	24.00	-12.91
6405	6.89	7.05	-	-	9.98	0.83	10.81	24.00	-13.19
6445	6.97	7.04	-	-	10.01	0.88	10.89	24.00	-13.11
6485	7.17	7.11	-	-	10.15	0.88	11.03	24.00	-12.97
6525	6.75	6.83	-	-	9.80	1.27	11.07	24.00	-12.93
6565	6.73	6.76	-	-	9.76	1.27	11.02	24.00	-12.98
6685	6.31	6.53	-	-	9.43	1.27	10.70	24.00	-13.30
6845	6.96	6.48	-	-	9.73	1.27	11.00	24.00	-13.00
6885	6.62	6.81	-	-	9.73	1.27	11.00	24.00	-13.00
6925	7.44	7.59	-	-	10.53	0.62	11.15	24.00	-12.85
7005	7.37	7.64	-	-	10.52	0.62	11.13	24.00	-12.87
7085	7.01	7.40	-	-	10.22	0.62	10.84	24.00	-13.16

Table 154 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	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 LPI	Duty Cycle (%):	93.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	1.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	10.47	10.98	-	-	13.75	0.48	14.22	24.00	-9.78
6145	9.81	10.19	-	-	13.01	0.90	13.91	24.00	-10.09
6385	9.99	10.13	-	-	13.07	0.83	13.90	24.00	-10.10
6465	10.03	10.21	-	-	13.13	0.88	14.01	24.00	-9.99
6545	9.66	9.69	-	-	12.68	1.27	13.95	24.00	-10.05
6625	9.43	9.52	-	-	12.48	1.27	13.75	24.00	-10.25
6705	9.79	9.80	-	-	12.81	1.27	14.07	24.00	-9.93
6785	9.66	9.87	-	-	12.78	1.27	14.04	24.00	-9.96
6865	9.66	9.74	-	-	12.71	1.27	13.98	24.00	-10.02
6945	10.49	10.43	-	-	13.47	0.62	14.09	24.00	-9.91
7025	10.19	10.30	-	-	13.26	0.62	13.87	24.00	-10.13

Table 155 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE160 SU LPI	Duty Cycle (%):	89.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	1.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	13.62	13.49	-	-	16.57	0.48	17.05	24.00	-6.95
6185	12.66	13.17	-	-	15.93	0.90	16.83	24.00	-7.17
6345	12.57	13.05	-	-	15.83	0.83	16.66	24.00	-7.34
6505	12.58	12.54	-	-	15.57	1.27	16.84	24.00	-7.16
6665	12.61	12.44	-	-	15.53	1.27	16.80	24.00	-7.20
6825	12.35	12.56	-	-	15.46	1.27	16.73	24.00	-7.27
6985	13.34	13.43	-	-	16.40	0.62	17.02	24.00	-6.98

Table 156 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	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 SP	Duty Cycle (%):	93.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	1.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	21.01	21.47	-	-	24.26	0.48	24.73	30.00	-5.27
6175	21.04	20.97	-	-	24.01	0.90	24.91	30.00	-5.09
6415	20.77	21.41	-	-	24.11	0.83	24.94	30.00	-5.06
6435	20.87	21.28	-	-	24.09	0.88	24.97	30.00	-5.03
6475	20.83	21.30	-	-	24.08	0.88	24.96	30.00	-5.04
6515	20.89	21.31	-	-	24.11	0.88	24.99	30.00	-5.01
6535	20.71	21.30	-	-	24.02	1.27	25.29	30.00	-4.71
6695	21.03	21.08	-	-	24.07	1.27	25.34	30.00	-4.66
6855	21.03	21.06	-	-	24.05	1.27	25.32	30.00	-4.68

Table 157 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	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 SP	Duty Cycle (%):	93.6
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	1.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	21.17	21.33	-	-	24.26	0.48	24.74	30.00	-5.26
6165	21.04	21.02	-	-	24.04	0.90	24.94	30.00	-5.06
6405	21.06	21.22	-	-	24.15	0.83	24.98	30.00	-5.02
6445	21.32	21.22	-	-	24.28	0.88	25.16	30.00	-4.84
6485	21.38	21.23	-	-	24.31	0.88	25.20	30.00	-4.80
6525	21.08	21.25	-	-	24.18	1.27	25.45	30.00	-4.55
6565	21.06	21.24	-	-	24.16	1.27	25.43	30.00	-4.57
6685	21.16	21.12	-	-	24.15	1.27	25.42	30.00	-4.58
6845	21.20	21.01	-	-	24.12	1.27	25.38	30.00	-4.62

Table 158 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	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 SP	Duty Cycle (%):	93.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	1.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	20.97	21.23	-	-	24.11	0.48	24.59	30.00	-5.41
6145	20.97	21.29	-	-	24.14	0.90	25.04	30.00	-4.96
6385	20.97	21.08	-	-	24.04	0.83	24.87	30.00	-5.13
6465	21.14	21.21	-	-	24.19	0.88	25.07	30.00	-4.93
6545	21.14	21.05	-	-	24.11	1.27	25.38	30.00	-4.62
6625	21.43	21.06	-	-	24.26	1.27	25.53	30.00	-4.47
6705	21.28	21.32	-	-	24.31	1.27	25.58	30.00	-4.42
6785	21.38	21.27	-	-	24.33	1.27	25.60	30.00	-4.40

Table 159 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE160 SU SP	Duty Cycle (%):	89.9
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	1.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	19.03	18.99	-	-	22.02	0.48	22.50	30.00	-7.50
6185	18.50	19.32	-	-	21.94	0.90	22.84	30.00	-7.16
6345	18.77	19.12	-	-	21.96	0.83	22.79	30.00	-7.21
6505	18.41	18.55	-	-	21.49	1.27	22.76	30.00	-7.24
6665	18.51	18.51	-	-	21.52	1.27	22.78	30.00	-7.22

Table 160 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	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 VLP	Duty Cycle (%):	93.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	1.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6115	0.22	0.75	-	-	3.50	0.90	4.40	14.00	-9.60
6275	0.74	0.87	-	-	3.81	0.83	4.65	14.00	-9.35
6415	0.91	0.99	-	-	3.96	0.83	4.79	14.00	-9.21
6535	0.47	0.45	-	-	3.47	1.27	4.74	14.00	-9.26
6695	0.48	-0.28	-	-	3.13	1.27	4.39	14.00	-9.61
6855	0.10	-1.71	-	-	2.30	1.27	3.56	14.00	-10.44

Table 161 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	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 VLP	Duty Cycle (%):	93.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	1.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6125	3.31	3.48	-	-	6.41	0.90	7.30	14.00	-6.70
6285	3.20	3.45	-	-	6.34	0.83	7.17	14.00	-6.83
6405	2.95	3.32	-	-	6.15	0.83	6.98	14.00	-7.02
6565	2.68	2.85	-	-	5.78	1.27	7.04	14.00	-6.96
6685	2.80	2.88	-	-	5.85	1.27	7.12	14.00	-6.88
6845	2.98	2.73	-	-	5.87	1.27	7.13	14.00	-6.87

Table 162 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	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 VLP	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	1.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6145	5.77	6.17	-	-	8.99	0.90	9.88	14.00	-4.12
6225	6.21	6.36	-	-	9.29	0.90	10.19	14.00	-3.81
6385	6.19	6.39	-	-	9.30	0.83	10.13	14.00	-3.87
6625	5.76	5.97	-	-	8.88	1.27	10.14	14.00	-3.86
6705	5.67	5.79	-	-	8.74	1.27	10.01	14.00	-3.99
6785	5.99	5.94	-	-	8.97	1.27	10.24	14.00	-3.76

Table 163 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE160 SU VLP	Duty Cycle (%):	89.5
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	1.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6185	8.28	8.68	-	-	11.49	0.90	12.39	14.00	-1.61
6345	8.39	8.60	-	-	11.51	0.83	12.34	14.00	-1.66
6665	8.24	8.21	-	-	11.24	1.27	12.50	14.00	-1.50

Table 164 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU26 LPI	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	1.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU26.0)	-4.49	-3.57	-	-	-0.99	0.48	-0.52	24.00	-24.52
6175 (RU26.0)	-5.32	-4.16	-	-	-1.69	0.90	-0.79	24.00	-24.79
6415 (RU26.8)	-4.66	-4.10	-	-	-1.36	0.83	-0.53	24.00	-24.53
6435 (RU26.0)	-4.74	-4.06	-	-	-1.38	0.88	-0.50	24.00	-24.50
6475 (RU26.0)	-4.62	-4.04	-	-	-1.31	0.88	-0.43	24.00	-24.43
6515 (RU26.8)	-4.29	-4.59	-	-	-1.43	0.88	-0.55	24.00	-24.55
6535 (RU26.0)	-5.19	-4.63	-	-	-1.89	1.27	-0.63	24.00	-24.63
6695 (RU26.0)	-4.82	-5.07	-	-	-1.93	1.27	-0.67	24.00	-24.67
6855 (RU26.8)	-4.53	-5.54	-	-	-2.00	1.27	-0.73	24.00	-24.73
6875 (RU26.3)	-4.81	-5.38	-	-	-2.08	1.27	-0.81	24.00	-24.81
6875 (RU26.5)	-4.84	-5.36	-	-	-2.08	0.62	-1.46	24.00	-25.46
6895 (RU26.0)	-3.78	-4.63	-	-	-1.18	0.62	-0.56	24.00	-24.56
6995 (RU26.0)	-3.98	-4.45	-	-	-1.20	0.62	-0.58	24.00	-24.58
7095 (RU26.8)	-3.77	-4.50	-	-	-1.11	0.62	-0.49	24.00	-24.49

Table 165 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU52 LPI	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	1.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU52.37)	-1.60	-0.65	-	-	1.91	0.48	2.39	24.00	-21.61
6175 (RU52.37)	-2.32	-1.35	-	-	1.20	0.90	2.10	24.00	-21.90
6415 (RU52.40)	-2.03	-1.49	-	-	1.26	0.83	2.09	24.00	-21.91
6435 (RU52.37)	-1.72	-1.16	-	-	1.58	0.88	2.46	24.00	-21.54
6475 (RU52.37)	-1.49	-1.18	-	-	1.68	0.88	2.56	24.00	-21.44
6515 (RU52.40)	-1.41	-1.18	-	-	1.72	0.88	2.60	24.00	-21.40
6535 (RU52.37)	-2.45	-1.94	-	-	0.82	1.27	2.09	24.00	-21.91
6695 (RU52.37)	-1.95	-2.67	-	-	0.72	1.27	1.98	24.00	-22.02
6855 (RU52.40)	-1.71	-2.67	-	-	0.85	1.27	2.12	24.00	-21.88
6875 (RU52.38)	-1.81	-3.03	-	-	0.63	1.27	1.90	24.00	-22.10
6875 (RU52.39)	-1.88	-2.98	-	-	0.62	0.62	1.24	24.00	-22.76
6895 (RU52.37)	-1.07	-2.01	-	-	1.50	0.62	2.12	24.00	-21.88
6995 (RU52.37)	-0.94	-1.91	-	-	1.61	0.62	2.23	24.00	-21.77
7095 (RU52.40)	-0.75	-1.65	-	-	1.83	0.62	2.45	24.00	-21.55

Table 166 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU106 LPI	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x2	DCCC (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	1.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	1.76	2.41	-	-	5.11	0.48	5.59	24.00	-18.41
6175 (RU106.53)	1.30	1.73	-	-	4.53	0.90	5.43	24.00	-18.57
6415 (RU106.54)	1.34	1.67	-	-	4.52	0.83	5.35	24.00	-18.65
6435 (RU106.53)	1.36	1.73	-	-	4.56	0.88	5.44	24.00	-18.56
6475 (RU106.53)	1.62	1.80	-	-	4.72	0.88	5.60	24.00	-18.40
6515 (RU106.54)	1.80	1.96	-	-	4.89	0.88	5.77	24.00	-18.23
6535 (RU106.53)	1.21	1.26	-	-	4.24	1.27	5.51	24.00	-18.49
6695 (RU106.53)	1.22	0.36	-	-	3.82	1.27	5.09	24.00	-18.91
6855 (RU106.54)	1.17	0.25	-	-	3.74	1.27	5.01	24.00	-18.99
6875 (RU106.53)	1.33	0.01	-	-	3.73	1.27	4.99	24.00	-19.01
6875 (RU106.54)	1.23	0.02	-	-	3.68	0.62	4.30	24.00	-19.70
6895 (RU106.53)	1.86	0.95	-	-	4.44	0.62	5.06	24.00	-18.94
6995 (RU106.53)	2.18	1.41	-	-	4.82	0.62	5.44	24.00	-18.56
7095 (RU106.54)	2.06	0.99	-	-	4.57	0.62	5.19	24.00	-18.81

Table 167 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU26 SP	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	1.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU26.0)	12.96	13.36	-	-	16.18	0.48	16.65	30.00	-13.35
6175 (RU26.0)	13.04	13.45	-	-	16.26	0.90	17.16	30.00	-12.84
6415 (RU26.8)	12.60	13.19	-	-	15.91	0.83	16.74	30.00	-13.26
6435 (RU26.0)	12.75	13.17	-	-	15.98	0.88	16.86	30.00	-13.14
6475 (RU26.0)	12.58	13.09	-	-	15.85	0.88	16.73	30.00	-13.27
6515 (RU26.8)	12.90	13.10	-	-	16.01	0.88	16.89	30.00	-13.11
6535 (RU26.0)	12.35	12.89	-	-	15.64	1.27	16.90	30.00	-13.10
6695 (RU26.0)	12.85	12.92	-	-	15.89	1.27	17.16	30.00	-12.84
6855 (RU26.8)	12.97	12.84	-	-	15.91	1.27	17.18	30.00	-12.82

Table 168 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU52 SP	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	1.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU52.37)	16.21	16.40	-	-	19.31	0.48	19.79	30.00	-10.21
6175 (RU52.37)	15.53	16.18	-	-	18.88	0.90	19.78	30.00	-10.22
6415 (RU52.40)	15.44	16.29	-	-	18.90	0.83	19.73	30.00	-10.27
6435 (RU52.37)	15.58	16.34	-	-	18.99	0.88	19.87	30.00	-10.13
6475 (RU52.37)	15.58	16.37	-	-	19.00	0.88	19.88	30.00	-10.12
6515 (RU52.40)	15.65	16.21	-	-	18.95	0.88	19.83	30.00	-10.17
6535 (RU52.37)	14.97	15.59	-	-	18.30	1.27	19.57	30.00	-10.43
6695 (RU52.37)	15.73	15.78	-	-	18.76	1.27	20.03	30.00	-9.97
6855 (RU52.40)	15.35	15.54	-	-	18.45	1.27	19.72	30.00	-10.28

Table 169 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU106 SP	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	1.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	18.81	19.49	-	-	22.18	0.48	22.65	30.00	-7.35
6175 (RU106.53)	18.99	19.37	-	-	22.19	0.90	23.09	30.00	-6.91
6415 (RU106.54)	19.11	19.33	-	-	22.23	0.83	23.06	30.00	-6.94
6435 (RU106.53)	19.26	19.43	-	-	22.36	0.88	23.24	30.00	-6.76
6475 (RU106.53)	19.04	19.43	-	-	22.25	0.88	23.13	30.00	-6.87
6515 (RU106.54)	19.10	19.40	-	-	22.26	0.88	23.14	30.00	-6.86
6535 (RU106.53)	18.44	18.70	-	-	21.58	1.27	22.85	30.00	-7.15
6695 (RU106.53)	18.67	18.80	-	-	21.74	1.27	23.01	30.00	-6.99
6855 (RU106.54)	18.58	18.58	-	-	21.59	1.27	22.86	30.00	-7.14

Table 170 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU106 VLP	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	1.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6115 (RU106.53)	-2.59	-2.02	-	-	0.72	0.90	1.62	14.00	-12.38
6275 (RU106.53)	-2.62	-2.43	-	-	0.49	0.83	1.32	14.00	-12.68
6415 (RU106.54)	-2.35	-2.26	-	-	0.71	0.83	1.54	14.00	-12.46
6535 (RU106.53)	-2.74	-2.64	-	-	0.32	1.27	1.59	14.00	-12.41
6695 (RU106.53)	-2.88	-3.43	-	-	-0.14	1.27	1.13	14.00	-12.87
6855 (RU106.54)	-2.66	-3.36	-	-	0.02	1.27	1.28	14.00	-12.72

Table 171 - Maximum Conducted (average) Output Power Results



TxBF

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 SU LPI	Duty Cycle (%):	90.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	4.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	1.24	2.14	-	-	4.72	3.48	8.20	24.00	-15.80
6175	0.76	1.90	-	-	4.38	3.89	8.27	24.00	-15.73
6415	1.82	1.76	-	-	4.80	3.80	8.60	24.00	-15.40
6435	1.75	1.77	-	-	4.77	3.88	8.65	24.00	-15.35
6475	1.71	1.25	-	-	4.50	3.88	8.38	24.00	-15.62
6515	1.66	1.10	-	-	4.40	3.88	8.28	24.00	-15.72
6535	1.38	0.80	-	-	4.11	4.27	8.38	24.00	-15.62
6695	1.08	0.42	-	-	3.77	4.27	8.04	24.00	-15.96
6855	1.35	0.29	-	-	3.86	4.27	8.13	24.00	-15.87
6875	1.29	0.46	-	-	3.91	4.27	8.18	24.00	-15.82
6895	2.21	1.03	-	-	4.67	3.51	8.18	24.00	-15.82
6995	2.11	1.14	-	-	4.66	3.51	8.17	24.00	-15.83
7095	1.77	-0.01	-	-	3.98	3.51	7.49	24.00	-16.51

Table 172 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE40 SU LPI	Duty Cycle (%):	61.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	4.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	4.90	4.74	-	-	7.83	3.48	11.31	24.00	-12.69
6165	3.99	4.31	-	-	7.17	3.89	11.06	24.00	-12.94
6405	4.13	4.28	-	-	7.22	3.80	11.01	24.00	-12.99
6445	4.24	4.31	-	-	7.29	3.88	11.16	24.00	-12.84
6485	4.21	4.25	-	-	7.24	3.88	11.11	24.00	-12.89
6525	3.89	3.67	-	-	6.79	3.88	10.67	24.00	-13.33
6565	3.82	3.92	-	-	6.88	4.27	11.15	24.00	-12.85
6685	3.71	3.39	-	-	6.57	4.27	10.83	24.00	-13.17
6845	3.55	3.48	-	-	6.53	4.27	10.80	24.00	-13.20
6885	3.67	3.67	-	-	6.68	4.27	11.15	24.00	-12.85
6925	4.71	4.55	-	-	7.64	3.51	11.15	24.00	-12.85
7005	4.62	4.00	-	-	7.33	3.51	10.84	24.00	-13.16
7085	4.67	4.28	-	-	7.49	3.51	10.99	24.00	-13.01

Table 173 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	Duty Cycle (%):	87.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	4.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	7.69	7.60	-	-	10.66	3.48	14.14	24.00	-9.86
6145	7.29	7.32	-	-	10.31	3.89	14.21	24.00	-9.79
6385	7.37	7.16	-	-	10.28	3.80	14.07	24.00	-9.93
6465	7.24	7.35	-	-	10.31	3.88	14.18	24.00	-9.82
6545	6.89	6.59	-	-	9.75	4.27	14.02	24.00	-9.98
6625	6.80	6.35	-	-	9.59	4.27	13.86	24.00	-10.14
6705	6.85	6.44	-	-	9.66	4.27	13.93	24.00	-10.07
6785	6.70	6.62	-	-	9.67	4.27	13.94	24.00	-10.06
6865	6.72	6.84	-	-	9.79	4.27	14.06	24.00	-9.94
6945	7.41	7.35	-	-	10.39	3.51	13.90	24.00	-10.10
7025	7.29	7.25	-	-	10.28	3.51	13.79	24.00	-10.21

Table 174 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 SU SP	Duty Cycle (%):	87.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	4.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	19.84	19.55	-	-	22.71	3.48	26.19	30.00	-3.81
6175	19.38	19.18	-	-	22.29	3.89	26.18	30.00	-3.82
6415	19.20	19.36	-	-	22.29	3.80	26.09	30.00	-3.91
6435	19.09	19.16	-	-	22.13	3.88	26.01	30.00	-3.99
6475	19.23	19.05	-	-	22.15	3.88	26.03	30.00	-3.97
6515	19.21	19.11	-	-	22.17	3.88	26.05	30.00	-3.95
6535	18.68	18.54	-	-	21.62	4.27	25.89	30.00	-4.11
6695	18.82	18.37	-	-	21.61	4.27	25.88	30.00	-4.12
6855	18.84	18.68	-	-	21.77	4.27	26.04	30.00	-3.96

Table 175 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE40 SU SP	Duty Cycle (%):	89.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	4.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	21.45	21.37	-	-	24.42	3.48	27.90	30.00	-2.10
6165	21.20	20.85	-	-	24.04	3.89	27.93	30.00	-2.07
6405	21.11	21.32	-	-	24.23	3.80	28.02	30.00	-1.98
6445	21.26	21.23	-	-	24.25	3.88	28.13	30.00	-1.87
6485	21.37	21.21	-	-	24.30	3.88	28.17	30.00	-1.83
6525	21.20	21.17	-	-	24.20	3.88	28.07	30.00	-1.93
6565	21.21	21.25	-	-	24.24	4.27	28.51	30.00	-1.49
6685	21.39	21.18	-	-	24.30	4.27	28.57	30.00	-1.43
6845	21.34	21.32	-	-	24.34	4.27	28.61	30.00	-1.39

Table 176 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE80 SU SP	Duty Cycle (%):	89.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	4.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	21.45	21.35	-	-	24.41	3.48	27.89	30.00	-2.11
6145	21.36	21.25	-	-	24.32	3.89	28.21	30.00	-1.79
6385	21.35	21.09	-	-	24.23	3.80	28.03	30.00	-1.97
6465	21.22	20.98	-	-	24.11	3.88	27.99	30.00	-2.01
6545	21.20	21.05	-	-	24.14	4.27	28.40	30.00	-1.60
6625	21.40	20.91	-	-	24.17	4.27	28.44	30.00	-1.56
6705	21.37	20.91	-	-	24.16	4.27	28.42	30.00	-1.58
6785	21.45	21.17	-	-	24.32	4.27	28.59	30.00	-1.41

Table 177 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE80 SU VLP	Duty Cycle (%):	87.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	4.27
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6145	3.47	3.38	-	-	6.44	3.89	10.33	14.00	-3.67
6225	3.36	3.16	-	-	6.27	3.89	10.16	14.00	-3.84
6385	3.11	3.15	-	-	6.14	3.80	9.94	14.00	-4.06
6625	2.93	1.58	-	-	5.32	4.27	9.59	14.00	-4.41
6705	2.84	1.60	-	-	5.27	4.27	9.54	14.00	-4.46
6785	2.57	1.62	-	-	5.13	4.27	9.40	14.00	-4.60

Table 178 - Maximum Conducted (average) Output Power Results



FCC 47 CFR Part 15E, Limit Clause 15.407(a)(7)

For client devices, except for fixed client devices as defined in this subpart, operating under the control of a standard power access point in 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum power spectral density must not exceed 17 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm and the device must limit its power to no more than 6 dB below its associated standard power access point's authorized transmit power.

ISED RSS-248, Limit Clause 4.5.5

The following limits shall apply to standard client devices:

- a) the maximum e.i.r.p. spectral density shall not exceed 17 dBm/MHz
- b) the maximum e.i.r.p. over the 5925-6875 MHz frequency band shall not exceed 30 dBm and
- c) the maximum power limits shall remain at least 6 dB below the power levels authorized for the associated standard-power access point

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

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

ISED RSS-248, Limit Clause 4.5.3

The following limits shall apply to low-power client devices.

- a) the maximum e.i.r.p. spectral density shall not exceed -1 dBm/MHz; and
- b) the maximum e.i.r.p. over the 5925-7125 MHz frequency band shall not exceed 24 dBm.

FCC 47 CFR Part 15E, Limit Clause 15.407(a)(9)

For very low power devices operating in the 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum power spectral density must not exceed -5 dBm e.i.r.p. in any 1-megahertz band and the maximum e.i.r.p. must not exceed 14 dBm.



2.3.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 18 and RF Laboratory 14.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Hygrometer	Rotronic	I-1000	3068	12	07-Nov-2024
1800-6000 MHz Power Splitter	Mini-Circuits	ZN2PD-63-S+	4055	-	O/P Mon
AC Programmable Power Supply	iTech	IT7324	5225	-	O/P Mon
Attenuator 5W 30dB DC-18GHz	Aaren	AT40A-4041-D18-30	5505	12	22-Feb-2025
2-Way Power Divider (2-8 GHz)	Aaren	AT30A-TE0208-2-AF	5685	12	02-Jan-2025
USB Power Sensor	Boonton	RTP5008	5820	12	07-Feb-2025
USB Power Sensor	Boonton	RTP5008	5821	12	07-Feb-2025
1500VA AC Power Supply	iTech	IT7324	5907	-	O/P Mon
USB Power Sensors, 50MHz to 8GHz	Boonton	RTP5008	5921	12	05-Feb-2025
USB Power Sensors, 50MHz to 8GHz	Boonton	RTP5008	5922	12	05-Feb-2025
Digital Multimeter	Fluke	115	6145	12	06-Jun-2025
Cable (SMA to SMA 1m)	Junkosha	MWX221/B	6305	12	20-May-2025
Cable (SMA to SMA 3m)	Junkosha	MWX221-03000AMSAMS/A	6317	12	23-May-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6426	12	07-Feb-2025
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	6447	-	O/P Mon
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	6448	-	O/P Mon
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6517	12	22-Feb-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6518	12	16-Feb-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6519	12	08-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6520	12	09-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6521	12	09-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6526	12	22-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6527	12	05-Mar-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6529	12	16-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6530	12	16-Feb-2025
USB Wideband Power Sensor	Boonton	RTP5008	6585	12	20-Feb-2025
USB Wideband Power Sensor	Boonton	RTP5008	6586	12	20-Feb-2025
USB Wideband Power Sensor	Boonton	RTP5008	6587	12	13-Feb-2025
USB Wideband Power	Boonton	RTP5008	6588	12	13-Feb-2025



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Sensor					
AC Programmable Power Supply	iTech	IT7324	6662	-	O/P Mon
AC Programmable Power Supply	iTech	IT7324	6665	-	O/P Mon
WiFi 6E Tri-Band Gaming Router	Asus	GT-AXE110000	6694	-	TU
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6752	12	06-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6753	12	06-Feb-2025

Table 179

TU - Traceability Unscheduled

O/P Mon - Output Monitored using calibrated equipment



2.4 Maximum Conducted Power Spectral Density

2.4.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (a)
ISED RSS-248, Clause 4.5

2.4.2 Equipment Under Test and Modification State

A3143, S/N: NTP2P9W067 - Modification State 0
A3143, S/N: VCXLW6763J - Modification State 0
A3143, S/N: VXR3QWTV2G - Modification State 0

2.4.3 Date of Test

18-October-2024 to 15-November-2024

2.4.4 Test Method

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

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

The output power was verified as being the same from each transmit core (within negligible tolerances), but the antenna gains were not identical. Therefore, the modes reported for SISO or 2TX MIMO 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 spatial 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).

2.4.5 Environmental Conditions

Ambient Temperature	21.5 - 23.9 °C
Relative Humidity	43.7 - 58.9 %



2.4.6 Test Results

6 GHz WLAN

SISO

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	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 LPI	Duty Cycle (%):	97.8
Data Rate:	12 Mbps	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.85
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-	-4.02	-	-	-4.02	0.71	-3.31	-1.00	-2.31
6175	-	-4.48	-	-	-4.48	1.37	-3.11	-1.00	-2.11
6415	-	-4.81	-	-	-4.81	1.63	-3.18	-1.00	-2.18
6435	-	-4.50	-	-	-4.50	1.37	-3.13	-1.00	-2.13
6475	-	-4.73	-	-	-4.73	1.37	-3.36	-1.00	-2.36
6515	-	-4.50	-	-	-4.50	1.37	-3.13	-1.00	-2.13
6535	-	-4.75	-	-	-4.75	1.62	-3.13	-1.00	-2.13
6695	-	-4.74	-	-	-4.74	1.62	-3.12	-1.00	-2.12
6855	-	-4.51	-	-	-4.51	1.62	-2.89	-1.00	-1.89
6875	-	-5.24	-	-	-5.24	1.85	-3.39	-1.00	-2.39
6895	-	-4.70	-	-	-4.70	1.85	-2.85	-1.00	-1.85
6995	-	-5.28	-	-	-5.28	1.85	-3.43	-1.00	-2.43
7115	-	-10.37	-	-	-10.37	1.85	-8.52	-1.00	-7.52

Table 180 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU LPI	Duty Cycle (%):	96.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.17
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.85
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-	-4.55	-	-	-4.55	0.71	-3.84	-1.00	-2.84
6175	-	-4.83	-	-	-4.83	1.37	-3.46	-1.00	-2.46
6415	-	-5.47	-	-	-5.47	1.63	-3.84	-1.00	-2.84
6435	-	-5.17	-	-	-5.17	1.37	-3.80	-1.00	-2.80
6475	-	-5.26	-	-	-5.26	1.37	-3.89	-1.00	-2.89
6515	-	-4.86	-	-	-4.86	1.37	-3.49	-1.00	-2.49
6535	-	-5.22	-	-	-5.22	1.62	-3.60	-1.00	-2.60
6695	-	-5.37	-	-	-5.37	1.62	-3.75	-1.00	-2.75
6855	-	-5.12	-	-	-5.12	1.62	-3.50	-1.00	-2.50
6875	-	-5.62	-	-	-5.62	1.85	-3.77	-1.00	-2.77
6895	-	-5.48	-	-	-5.48	1.85	-3.63	-1.00	-2.63
6995	-	-5.56	-	-	-5.56	1.85	-3.71	-1.00	-2.71
7095	-	-5.24	-	-	-5.24	1.85	-3.39	-1.00	-2.39

Table 181 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU LPI	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.85
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	-	-4.79	-	-	-4.79	0.71	-4.08	-1.00	-3.08
6165	-	-5.23	-	-	-5.23	1.37	-3.86	-1.00	-2.86
6405	-	-5.76	-	-	-5.76	1.63	-4.13	-1.00	-3.13
6445	-	-5.44	-	-	-5.44	1.37	-4.07	-1.00	-3.07
6485	-	-5.37	-	-	-5.37	1.37	-4.00	-1.00	-3.00
6525	-	-5.43	-	-	-5.43	1.62	-3.81	-1.00	-2.81
6565	-	-5.72	-	-	-5.72	1.62	-4.10	-1.00	-3.10
6685	-	-5.52	-	-	-5.52	1.62	-3.90	-1.00	-2.90
6845	-	-5.20	-	-	-5.20	1.62	-3.58	-1.00	-2.58
6885	-	-5.97	-	-	-5.97	1.85	-4.12	-1.00	-3.12
6925	-	-5.84	-	-	-5.84	1.85	-3.99	-1.00	-2.99
7005	-	-5.77	-	-	-5.77	1.85	-3.92	-1.00	-2.92
7085	-	-6.47	-	-	-6.47	1.85	-4.62	-1.00	-3.62

Table 182 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.85
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	-	-4.51	-	-	-4.51	0.71	-3.80	-1.00	-2.80
6145	-	-5.19	-	-	-5.19	1.37	-3.82	-1.00	-2.82
6385	-	-5.37	-	-	-5.37	1.63	-3.74	-1.00	-2.74
6465	-	-5.04	-	-	-5.04	1.37	-3.67	-1.00	-2.67
6545	-	-5.53	-	-	-5.53	1.62	-3.91	-1.00	-2.91
6625	-	-5.34	-	-	-5.34	1.62	-3.72	-1.00	-2.72
6705	-	-5.44	-	-	-5.44	1.62	-3.82	-1.00	-2.82
6785	-	-5.21	-	-	-5.21	1.62	-3.59	-1.00	-2.59
6865	-	-5.27	-	-	-5.27	1.85	-3.42	-1.00	-2.42
6945	-	-5.59	-	-	-5.59	1.85	-3.74	-1.00	-2.74
7025	-	-5.64	-	-	-5.64	1.85	-3.79	-1.00	-2.79

Table 183 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU LPI	Duty Cycle (%):	93.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.30
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.85
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	-	-3.95	-	-	-3.95	0.71	-3.24	-1.00	-2.24
6185	-	-4.30	-	-	-4.30	1.37	-2.93	-1.00	-1.93
6345	-	-4.59	-	-	-4.59	1.63	-2.96	-1.00	-1.96
6505	-	-4.63	-	-	-4.63	1.62	-3.01	-1.00	-2.01
6665	-	-4.82	-	-	-4.82	1.62	-3.20	-1.00	-2.20
6825	-	-4.59	-	-	-4.59	1.85	-2.74	-1.00	-1.74
6985	-	-4.82	-	-	-4.82	1.85	-2.97	-1.00	-1.97

Table 184 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	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 SP	Duty Cycle (%):	97.8
Data Rate:	12 Mbps	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.63
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-	9.39	-	-	9.39	0.71	10.10	17.00	-6.90
6175	-	9.98	-	-	9.98	1.37	11.35	17.00	-5.65
6415	-	9.21	-	-	9.21	1.63	10.84	17.00	-6.16
6435	-	9.27	-	-	9.27	1.37	10.64	17.00	-6.36
6475	-	9.34	-	-	9.34	1.37	10.71	17.00	-6.29
6515	-	9.48	-	-	9.48	1.37	10.85	17.00	-6.15
6535	-	9.47	-	-	9.47	1.62	11.09	17.00	-5.91
6695	-	9.68	-	-	9.68	1.62	11.30	17.00	-5.70
6855	-	9.66	-	-	9.66	1.62	11.28	17.00	-5.72

Table 185 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU SP	Duty Cycle (%):	96.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.17
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.63
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-	8.74	-	-	8.74	0.71	9.45	17.00	-7.55
6175	-	9.09	-	-	9.09	1.37	10.46	17.00	-6.54
6415	-	8.73	-	-	8.73	1.63	10.36	17.00	-6.64
6435	-	9.15	-	-	9.15	1.37	10.52	17.00	-6.48
6475	-	8.85	-	-	8.85	1.37	10.22	17.00	-6.78
6515	-	9.19	-	-	9.19	1.37	10.56	17.00	-6.44
6535	-	9.15	-	-	9.15	1.62	10.77	17.00	-6.23
6695	-	8.84	-	-	8.84	1.62	10.46	17.00	-6.54
6855	-	9.40	-	-	9.40	1.62	11.02	17.00	-5.98

Table 186 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU SP	Duty Cycle (%):	96.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.17
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.63
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	-	6.38	-	-	6.38	0.71	7.09	17.00	-9.91
6165	-	6.37	-	-	6.37	1.37	7.74	17.00	-9.26
6405	-	6.27	-	-	6.27	1.63	7.90	17.00	-9.10
6445	-	6.06	-	-	6.06	1.37	7.43	17.00	-9.57
6485	-	6.32	-	-	6.32	1.37	7.69	17.00	-9.31
6525	-	6.61	-	-	6.61	1.62	8.23	17.00	-8.77
6565	-	6.33	-	-	6.33	1.62	7.95	17.00	-9.05
6685	-	5.83	-	-	5.83	1.62	7.45	17.00	-9.55
6845	-	6.74	-	-	6.74	1.62	8.36	17.00	-8.64

Table 187 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU SP	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.63
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	-	3.36	-	-	3.36	0.71	4.07	17.00	-12.93
6145	-	3.79	-	-	3.79	1.37	5.16	17.00	-11.84
6385	-	3.69	-	-	3.69	1.63	5.32	17.00	-11.68
6465	-	3.50	-	-	3.50	1.37	4.87	17.00	-12.13
6545	-	3.52	-	-	3.52	1.62	5.14	17.00	-11.86
6625	-	3.53	-	-	3.53	1.62	5.15	17.00	-11.85
6705	-	4.04	-	-	4.04	1.62	5.66	17.00	-11.34
6785	-	3.56	-	-	3.56	1.62	5.18	17.00	-11.82

Table 188 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU SP	Duty Cycle (%):	93.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.29
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.63
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	-	-1.52	-	-	-1.52	0.71	-0.81	17.00	-17.81
6185	-	-0.68	-	-	-0.68	1.37	0.69	17.00	-16.31
6345	-	-0.66	-	-	-0.66	1.63	0.97	17.00	-16.03
6505	-	-0.87	-	-	-0.87	1.62	0.75	17.00	-16.25
6665	-	0.18	-	-	0.18	1.62	1.80	17.00	-15.20

Table 189 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	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 VLP	Duty Cycle (%):	97.9
Data Rate:	12 Mbps	DCCF (dB):	0.09
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.63
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6115	-	-8.18	-	-	-8.18	1.37	-6.81	-5.00	-1.81
6275	-	-8.39	-	-	-8.39	1.63	-6.76	-5.00	-1.76
6415	-	-8.80	-	-	-8.80	1.63	-7.17	-5.00	-2.17
6535	-	-8.25	-	-	-8.25	1.62	-6.63	-5.00	-1.63
6695	-	-8.98	-	-	-8.98	1.62	-7.36	-5.00	-2.36
6855	-	-8.78	-	-	-8.78	1.62	-7.16	-5.00	-2.16

Table 190 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU VLP	Duty Cycle (%):	96.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.17
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.63
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6115	-	-8.53	-	-	-8.53	1.37	-7.16	-5.00	-2.16
6275	-	-9.25	-	-	-9.25	1.63	-7.62	-5.00	-2.62
6415	-	-9.11	-	-	-9.11	1.63	-7.48	-5.00	-2.48
6535	-	-9.06	-	-	-9.06	1.62	-7.44	-5.00	-2.44
6695	-	-9.17	-	-	-9.17	1.62	-7.55	-5.00	-2.55
6855	-	-9.07	-	-	-9.07	1.62	-7.45	-5.00	-2.45

Table 191 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU VLP	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.63
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6125	-	-9.33	-	-	-9.33	1.37	-7.96	-5.00	-2.96
6285	-	-9.60	-	-	-9.60	1.63	-7.97	-5.00	-2.97
6405	-	-9.55	-	-	-9.55	1.63	-7.92	-5.00	-2.92
6565	-	-9.15	-	-	-9.15	1.62	-7.53	-5.00	-2.53
6685	-	-9.36	-	-	-9.36	1.62	-7.74	-5.00	-2.74
6845	-	-9.34	-	-	-9.34	1.62	-7.72	-5.00	-2.72

Table 192 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU VLP	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.63
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6145	-	-8.83	-	-	-8.83	1.37	-7.46	-5.00	-2.46
6225	-	-8.31	-	-	-8.31	1.37	-6.94	-5.00	-1.94
6385	-	-8.93	-	-	-8.93	1.63	-7.30	-5.00	-2.30
6625	-	-9.24	-	-	-9.24	1.62	-7.62	-5.00	-2.62
6705	-	-8.92	-	-	-8.92	1.62	-7.30	-5.00	-2.30
6785	-	-9.08	-	-	-9.08	1.62	-7.46	-5.00	-2.46

Table 193 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU VLP	Duty Cycle (%):	93.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.31
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	1.63
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6185	-	-8.45	-	-	-8.45	1.37	-7.08	-5.00	-2.08
6345	-	-9.03	-	-	-9.03	1.63	-7.40	-5.00	-2.40
6665	-	-8.84	-	-	-8.84	1.62	-7.22	-5.00	-2.22

Table 194 - Maximum Power Spectral Density Results