



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5210	85.580	86.900	-	-	-

Table 169 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5210	75.900	75.680	-	-	-

Table 170 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT160	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5250	82.740	82.740	-	-	-

Table 171 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5250	77.280	77.280	-	-	-

Table 172 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	21.840	21.960	-	-	-
5220	21.120	21.060	-	-	-
5240	21.000	21.120	-	-	-

Table 173 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	18.960	19.020	-	-	-
5220	18.900	18.900	-	-	-
5240	18.900	18.900	-	-	-

Table 174 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5190	43.440	42.600	-	-	-
5230	41.400	41.520	-	-	-

Table 175 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5190	37.920	38.040	-	-	-
5230	37.800	37.800	-	-	-

Table 176 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5210	83.820	84.700	-	-	-

Table 177 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5210	77.000	77.000	-	-	-

Table 178 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5250	82.740	83.160	-	-	-

Table 179 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5250	78.120	78.120	-	-	-

Table 180 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS10	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	21.060	20.940	-	-	-
5300	21.000	20.940	-	-	-
5320	21.660	22.020	-	-	-

Table 181 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	17.640	17.700	-	-	-
5300	17.700	17.700	-	-	-
5320	17.760	17.820	-	-	-

Table 182 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS10	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5270	41.280	41.520	-	-	-
5310	43.200	43.440	-	-	-

Table 183 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5270	36.360	36.360	-	-	-
5310	36.600	36.600	-	-	-

Table 184 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5290	85.580	85.800	-	-	-

Table 185 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5290	75.900	75.680	-	-	-

Table 186 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT160	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5250	83.580	83.160	-	-	-

Table 187 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5250	77.280	76.860	-	-	-

Table 188 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	21.180	21.060	-	-	-
5300	21.120	21.060	-	-	-
5320	21.660	22.020	-	-	-

Table 189 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	18.900	18.900	-	-	-
5300	18.840	18.900	-	-	-
5320	18.960	19.020	-	-	-

Table 190 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5270	41.640	41.760	-	-	-
5310	43.800	42.960	-	-	-

Table 191 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5270	37.800	37.800	-	-	-
5310	37.920	37.800	-	-	-

Table 192 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5290	84.040	84.480	-	-	-

Table 193 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5290	77.000	77.000	-	-	-

Table 194 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5250	82.740	82.740	-	-	-

Table 195 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5250	77.700	77.700	-	-	-

Table 196 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS10	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5500	21.840	21.600	-	-	-
5580	21.060	21.060	-	-	-
5700	22.740	22.080	-	-	-
5720	15.560	15.500	-	-	-

Table 197 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5500	17.820	17.820	-	-	-
5580	17.700	17.700	-	-	-
5700	17.820	17.820	-	-	-
5720	13.820	13.760	-	-	-

Table 198 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS10	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5510	42.240	45.600	-	-	-
5550	41.280	41.400	-	-	-
5670	43.080	45.120	-	-	-
5710	35.760	35.760	-	-	-

Table 199 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5510	36.600	36.720	-	-	-
5550	36.360	36.360	-	-	-
5670	36.600	36.600	-	-	-
5710	32.880	32.880	-	-	-

Table 200 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5530	84.480	87.560	-	-	-
5610	99.880	99.660	-	-	-
5690	76.360	76.360	-	-	-

Table 201 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5530	75.900	75.680	-	-	-
5610	76.120	75.900	-	-	-
5690	72.400	72.180	-	-	-

Table 202 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT160	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5570	165.480	165.480	-	-	-

Table 203 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5570	154.140	154.140	-	-	-

Table 204 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5500	24.240	21.840	-	-	-
5580	21.000	21.060	-	-	-
5700	24.300	22.260	-	-	-
5720	15.560	15.620	-	-	-

Table 205 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5500	18.960	19.020	-	-	-
5580	18.960	18.900	-	-	-
5700	18.960	19.020	-	-	-
5720	14.360	14.420	-	-	-

Table 206 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5510	46.800	43.680	-	-	-
5550	41.160	41.640	-	-	-
5670	43.680	44.040	-	-	-
5710	35.760	35.760	-	-	-

Table 207 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5510	37.920	37.800	-	-	-
5550	37.800	37.800	-	-	-
5670	37.920	38.040	-	-	-
5710	33.720	33.600	-	-	-

Table 208 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5530	84.040	83.820	-	-	-
5610	85.580	84.480	-	-	-
5690	76.360	76.360	-	-	-

Table 209 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5530	76.780	77.000	-	-	-
5610	77.000	77.220	-	-	-
5690	73.060	72.840	-	-	-

Table 210 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5570	166.320	165.480	-	-	-

Table 211 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5570	155.400	155.820	-	-	-

Table 212 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS10	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5720	3.820	3.820	-	-	≥500.0
5745	16.920	17.040	-	-	≥500.0
5785	17.340	16.740	-	-	≥500.0
5825	17.340	16.980	-	-	≥500.0

Table 213 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5720	4.180	4.120	-	-	-
5745	17.940	18.000	-	-	-
5785	18.000	18.060	-	-	-
5825	18.000	18.000	-	-	-

Table 214 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS10	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5710	3.240	3.240	-	-	≥500.0
5755	35.400	35.400	-	-	≥500.0
5795	35.400	35.400	-	-	≥500.0

Table 215 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5710	4.680	4.800	-	-	-
5755	36.840	37.080	-	-	-
5795	36.840	36.960	-	-	-

Table 216 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5690	3.280	3.280	-	-	≥500.0
5775	75.680	75.680	-	-	≥500.0

Table 217 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5690	30.340	32.100	-	-	-
5775	75.900	75.680	-	-	-

Table 218 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

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

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5720	4.540	4.480	-	-	≥500.0
5745	18.600	18.720	-	-	≥500.0
5785	18.840	18.780	-	-	≥500.0
5825	18.720	18.900	-	-	≥500.0

Table 219 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5720	4.600	4.600	-	-	-
5745	19.080	19.080	-	-	-
5785	19.080	19.140	-	-	-
5825	19.080	19.140	-	-	-

Table 220 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

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

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5710	4.080	4.080	-	-	≥500.0
5755	37.920	37.240	-	-	≥500.0
5795	38.040	38.040	-	-	≥500.0

Table 221 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5710	4.680	4.680	-	-	-
5755	38.040	38.220	-	-	-
5795	38.040	38.160	-	-	-

Table 222 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

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

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5690	3.940	3.720	-	-	≥500.0
5775	76.560	76.340	-	-	≥500.0

Table 223 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5690	26.820	27.700	-	-	-
5775	76.780	77.000	-	-	-

Table 224 - 99% Bandwidth Results



TxBF

Protocol	26 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11ac VHT20	19.980	22.920
802.11ac VHT40	41.040	49.800
802.11ac VHT80	81.620	84.700

Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11ac VHT20	17.580	18.000
802.11ac VHT40	36.100	36.960
802.11ac VHT80	75.240	76.120

Table 225 - 99% Bandwidth Summary Results - TxBF

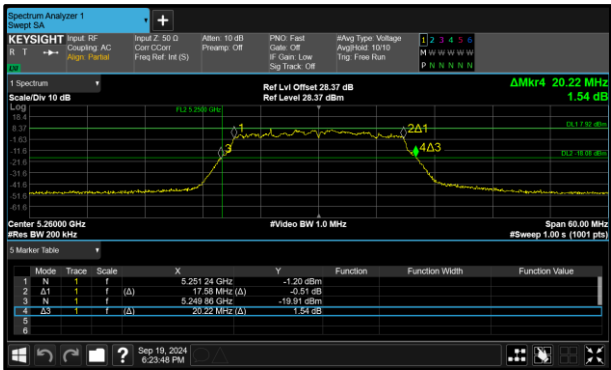


Figure 258 - 802.11ac VHT20 Minimum 99% OBW



Figure 259 - 802.11ac VHT20 Maximum 99% OBW



Figure 260 - 802.11ac VHT40 Minimum 99% OBW

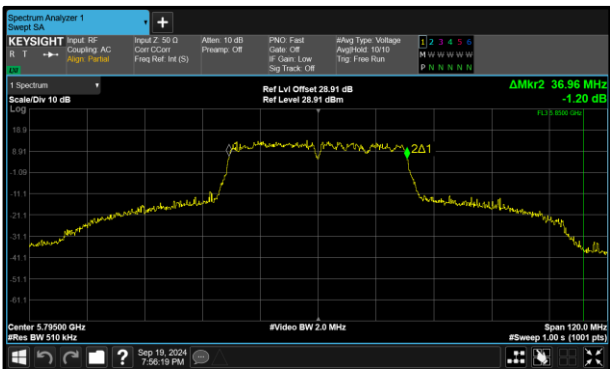


Figure 261 - 802.11ac VHT40 Maximum 99% OBW



Figure 262 - 802.11ac VHT80 Minimum 99% OBW

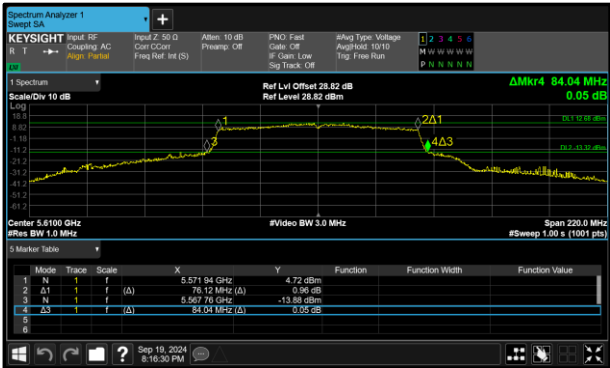


Figure 263 - 802.11ac VHT80 Maximum 99% OBW



Protocol	6 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11ac VHT20	16.740	17.760
802.11ac VHT40	35.280	36.360
802.11ac VHT80	65.560	76.340

Table 226 - 6 dB Bandwidth Summary Results - TxBF

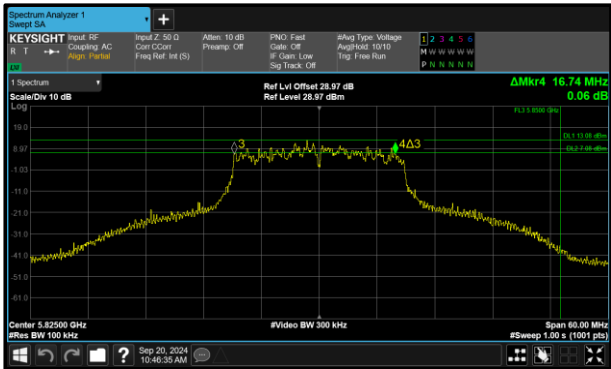


Figure 264 - 802.11ac VHT20 Minimum 6 dB EBW

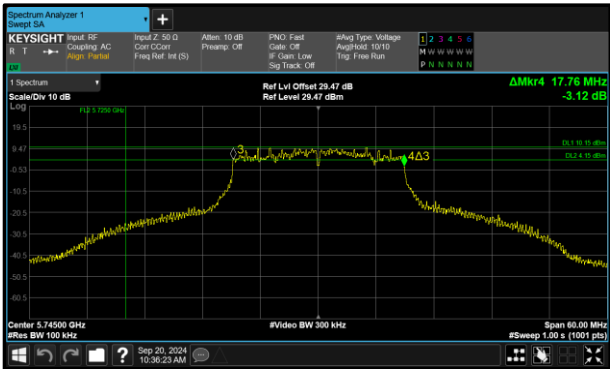


Figure 265 - 802.11ac VHT20 Maximum 6 dB EBW

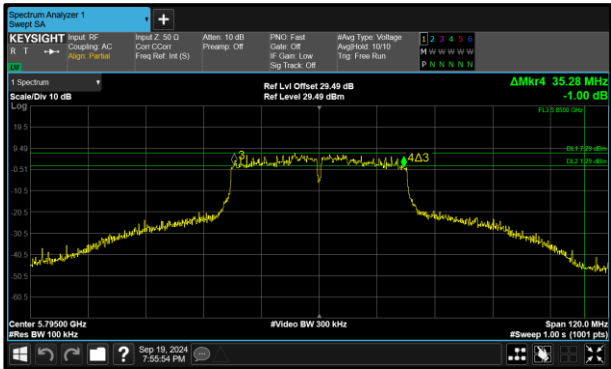


Figure 266 - 802.11ac VHT40 Minimum 6 dB EBW

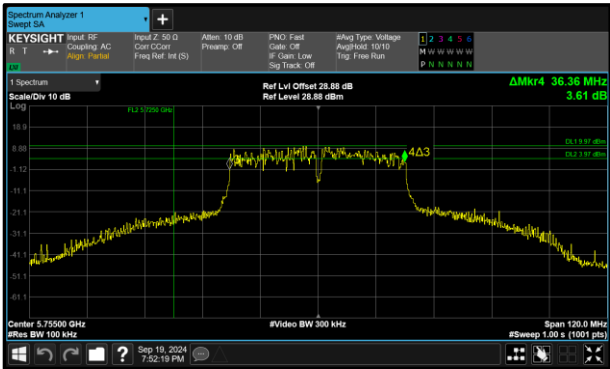


Figure 267 - 802.11ac VHT40 Maximum 6 dB EBW

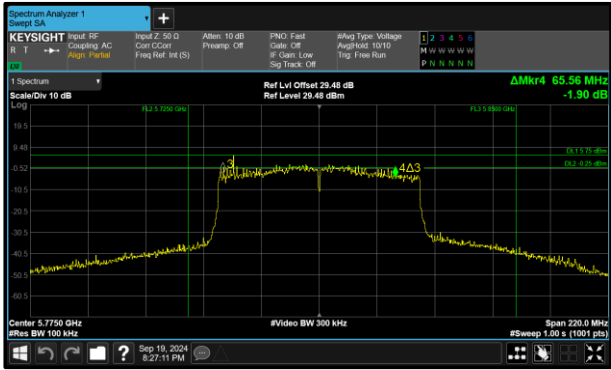


Figure 268 - 802.11ac VHT80 Minimum 6 dB EBW

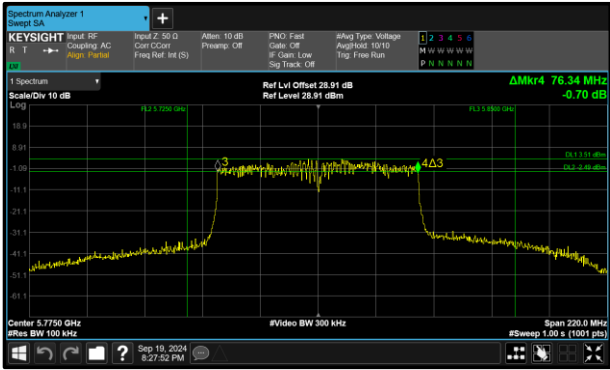


Figure 269 - 802.11ac VHT80 Maximum 6 dB EBW



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT20	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	22.920	21.360	-	-	-
5220	19.980	20.820	-	-	-
5240	20.040	20.880	-	-	-

Table 227 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	17.820	17.760	-	-	-
5220	17.700	17.700	-	-	-
5240	17.760	17.640	-	-	-

Table 228 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5190	46.080	43.680	-	-	-
5230	41.300	41.300	-	-	-

Table 229 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5190	36.600	36.480	-	-	-
5230	36.500	36.300	-	-	-

Table 230 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5210	82.280	82.500	-	-	-

Table 231 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5210	75.680	75.900	-	-	-

Table 232 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT20	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	20.220	20.340	-	-	-
5300	20.280	20.880	-	-	-
5320	20.580	20.400	-	-	-

Table 233 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	17.580	17.820	-	-	-
5300	17.820	17.700	-	-	-
5320	17.700	17.760	-	-	-

Table 234 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5270	41.160	41.200	-	-	-
5310	42.240	41.400	-	-	-

Table 235 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5270	36.480	36.100	-	-	-
5310	36.600	36.360	-	-	-

Table 236 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5290	82.280	82.280	-	-	-

Table 237 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5290	75.240	76.120	-	-	-

Table 238 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT20	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5500	22.260	22.080	-	-	-
5580	21.060	21.060	-	-	-
5700	22.080	21.960	-	-	-
5720	15.320	15.440	-	-	-

Table 239 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5500	17.880	18.000	-	-	-
5580	17.640	17.700	-	-	-
5700	17.880	17.820	-	-	-
5720	13.700	13.700	-	-	-

Table 240 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5510	42.480	42.240	-	-	-
5550	41.640	41.040	-	-	-
5670	48.720	49.800	-	-	-
5710	35.640	35.640	-	-	-

Table 241 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5510	36.720	36.600	-	-	-
5550	36.360	36.480	-	-	-
5670	36.600	36.720	-	-	-
5710	33.000	32.880	-	-	-

Table 242 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5530	81.620	84.700	-	-	-
5610	84.040	83.820	-	-	-
5690	75.700	76.140	-	-	-

Table 243 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5530	75.460	75.900	-	-	-
5610	76.120	75.900	-	-	-
5690	72.180	72.840	-	-	-

Table 244 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT20	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)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5720	3.820	3.940	-	-	≥500.0
5745	17.760	17.160	-	-	≥500.0
5785	17.700	17.400	-	-	≥500.0
5825	17.760	16.740	-	-	≥500.0

Table 245 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5720	4.180	4.240	-	-	-
5745	17.820	17.880	-	-	-
5785	17.760	17.880	-	-	-
5825	17.880	17.760	-	-	-

Table 246 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT40	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)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5710	3.240	3.240	-	-	≥500.0
5755	35.280	36.360	-	-	≥500.0
5795	35.280	36.240	-	-	≥500.0

Table 247 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5710	4.560	4.560	-	-	-
5755	36.720	36.840	-	-	-
5795	36.480	36.960	-	-	-

Table 248 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	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)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5690	3.500	3.500	-	-	≥500.0
5775	65.560	76.340	-	-	≥500.0

Table 249 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5690	9.440	16.260	-	-	-
5775	75.460	75.900	-	-	-

Table 250 - 99% Bandwidth Results

FCC Part 15E, Limit Clause 15.407

5150 MHz to 5250 MHz: None specified.
5250 MHz to 5350 MHz: None specified.
5470 MHz to 5725 MHz: None specified.
5725 MHz to 5850 MHz: > 500 kHz.

ISED RSS-247, Limit Clause 6.2.1.1, 6.2.2.1, 6.2.3.1, 6.2.4.1 and 6.2.5.2

5150 MHz to 5250 MHz: None specified.
5250 MHz to 5350 MHz: None specified.
5470 MHz to 5725 MHz: None specified.
5725 MHz to 5850 MHz: The minimum 6 dB bandwidth shall be at least 500 kHz.
5850 MHz to 5895 MHz: The minimum 6 dB bandwidth shall be at least 500 kHz.



2.2.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 18.

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	24	22-Feb-2025
MXA Signal Analyser	Keysight Technologies	N9020B	5529	24	13-Dec-2024
Digital Multimeter	Fluke	115	6145	12	06-Jun-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
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 251

TU - Traceability Unscheduled

O/P Mon - Output Monitored using calibrated equipment



2.3 Maximum Conducted Output Power

2.3.1 Specification Reference

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

2.3.2 Equipment Under Test and Modification State

A3239, S/N: DLX7VG477R - Modification State 0
A3239, S/N: D21W5XX7VQ - Modification State 0

2.3.3 Date of Test

17-September-2024 to 02-October-2024

2.3.4 Test Method

The test was performed in accordance with ANSI C63.10 2020 clause 12.4.3.2 (method PM-G) for channels contained entirely within the band under test. Clause 12.4.2.2 (method SA-1) or 12.4.2.4 (method SA-2) was used for “straddle” channels.

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

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

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

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

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

2.3.5 Environmental Conditions

Ambient Temperature	21.2 - 23.2 °C
Relative Humidity	53.2 - 59.8 %



2.3.6 Test Results

5 GHz WLAN

SISO

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

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	97.9
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5180	18.81	-	-	-	18.81	24.00	-5.19
5220	19.46	-	-	-	19.46	24.00	-4.54
5240	19.42	-	-	-	19.42	24.00	-4.58

Table 252 - FCC Maximum Conducted (average) Output Power Results

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

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5180	18.97	-	-	-	18.97	24.00	-5.03
5220	19.44	-	-	-	19.44	24.00	-4.56
5240	19.43	-	-	-	19.43	24.00	-4.57

Table 253 - FCC Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	94.3
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5190	17.38	-	-	-	17.38	24.00	-6.62
5230	21.48	-	-	-	21.48	24.00	-2.52

Table 254 - FCC Maximum Conducted (average) Output Power Results

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

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	90.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5210	16.28	-	-	-	16.28	24.00	-7.72

Table 255 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ac VHT160	Duty Cycle (%):	85.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.67
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5250	8.44	-	-	-	8.44	24.00	-15.56

Table 256 - FCC Maximum Conducted (average) Output Power Results

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

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	96.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5180	18.74	-	-	-	18.74	24.00	-5.26
5220	19.34	-	-	-	19.34	24.00	-4.66
5240	19.36	-	-	-	19.36	24.00	-4.64

Table 257 - FCC Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	96.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5190	16.40	-	-	-	16.40	24.00	-7.60
5230	21.27	-	-	-	21.27	24.00	-2.73

Table 258 - FCC Maximum Conducted (average) Output Power Results

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

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	96.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5210	15.49	-	-	-	15.49	24.00	-8.51

Table 259 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	93.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.30
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5250	8.64	-	-	-	8.64	24.00	-15.36

Table 260 - FCC Maximum Conducted (average) Output Power Results

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

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	97.9
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5180	16.620	14.37	-	-	-	14.37	4.00	18.37	22.21	-3.84
5220	16.560	14.37	-	-	-	14.37	4.00	18.37	22.19	-3.82
5240	16.560	14.50	-	-	-	14.50	4.00	18.50	22.19	-3.69

Table 261 - ISSED Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	96.6
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5180	17.760	14.26	-	-	-	14.26	4.00	18.26	22.49	-4.24
5220	17.700	14.25	-	-	-	14.25	4.00	18.25	22.48	-4.23
5240	17.700	14.30	-	-	-	14.30	4.00	18.30	22.48	-4.18

Table 262 - ISED Maximum Conducted (average) Output Power Results

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

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	94.7
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5190	36.600	16.89	-	-	-	16.89	4.00	20.89	23.00	-2.11
5230	36.360	16.82	-	-	-	16.82	4.00	20.82	23.00	-2.18

Table 263 - ISED Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	90.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5210	75.680	16.24	-	-	-	16.24	4.00	20.24	23.00	-2.76

Table 264 - ISED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ac VHT160	Duty Cycle (%):	85.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.67
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5250	77.280	8.44	-	-	-	8.44	4.00	12.44	23.00	-10.56

Table 265 - ISED Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	96.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5180	19.020	14.46	-	-	-	14.46	4.00	18.46	22.79	-4.33
5220	18.900	14.40	-	-	-	14.40	4.00	18.40	22.76	-4.37
5240	18.900	14.47	-	-	-	14.47	4.00	18.47	22.76	-4.30

Table 266 - ISED Maximum Conducted (average) Output Power Results

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

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	96.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5190	37.920	16.48	-	-	-	16.48	4.00	20.48	23.00	-2.52
5230	37.800	16.75	-	-	-	16.75	4.00	20.75	23.00	-2.25

Table 267 - ISED Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	96.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5210	77.000	15.40	-	-	-	15.40	4.00	19.40	23.00	-3.60

Table 268 - ISED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	93.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.30
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5250	77.700	8.64	-	-	-	8.64	4.00	12.64	23.00	-10.36

Table 269 - ISED Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	97.2
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.70
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5260	20.820	19.24	-	-	-	19.24	24.00	-4.76
5300	20.820	19.21	-	-	-	19.21	24.00	-4.79
5320	21.480	18.91	-	-	-	18.91	24.00	-5.09

Table 270 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5260	16.620	19.24	-	-	-	19.24	23.21	-3.97	4.70	23.94	29.21	-5.27
5300	16.620	19.21	-	-	-	19.21	23.21	-3.99	4.70	23.91	29.21	-5.29
5320	16.620	18.91	-	-	-	18.91	23.21	-4.29	4.70	23.61	29.21	-5.59

Table 271 - ISSED Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	96.5
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.70
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5260	21.180	19.50	-	-	-	19.50	24.00	-4.50
5300	20.940	19.28	-	-	-	19.28	24.00	-4.72
5320	22.200	18.99	-	-	-	18.99	24.00	-5.01

Table 272 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5260	17.700	19.50	-	-	-	19.50	23.48	-3.98	4.70	24.20	29.48	-5.28
5300	17.700	19.28	-	-	-	19.28	23.48	-4.20	4.70	23.98	29.48	-5.50
5320	17.820	18.99	-	-	-	18.99	23.51	-4.51	4.70	23.69	29.51	-5.81

Table 273 - ISSED Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	93.8
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.70
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5270	51.480	21.45	-	-	-	21.45	24.00	-2.55
5310	43.080	15.84	-	-	-	15.84	24.00	-8.16

Table 274 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5270	36.840	21.45	-	-	-	21.45	24.00	-2.55	4.70	26.15	30.00	-3.85
5310	36.480	15.84	-	-	-	15.84	24.00	-8.16	4.70	20.54	30.00	-9.46

Table 275 - ISSED Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	89.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.70
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5290	84.480	14.53	-	-	-	14.53	24.00	-9.47

Table 276 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5290	75.680	14.53	-	-	-	14.53	24.00	-9.47	4.70	19.23	30.00	-10.77

Table 277 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ac VHT160	Duty Cycle (%):	85.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.67
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.70
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5250	83.160	8.48	-	-	-	8.48	24.00	-15.52

Table 278 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5250	77.280	8.48	-	-	-	8.48	24.00	-15.52	4.70	13.18	30.00	-16.82

Table 279 - ISSED Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.70
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5260	21.180	19.39	-	-	-	19.39	24.00	-4.61
5300	21.060	19.19	-	-	-	19.19	24.00	-4.81
5320	21.660	18.30	-	-	-	18.30	24.00	-5.70

Table 280 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5260	18.900	19.39	-	-	-	19.39	23.76	-4.38	4.70	24.09	29.76	-5.68
5300	18.900	19.19	-	-	-	19.19	23.76	-4.57	4.70	23.89	29.76	-5.87
5320	18.960	18.30	-	-	-	18.30	23.78	-5.48	4.70	23.00	29.78	-6.78

Table 281 - ISSED Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.70
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5270	42.960	21.18	-	-	-	21.18	24.00	-2.82
5310	43.680	15.47	-	-	-	15.47	24.00	-8.53

Table 282 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5270	37.920	21.18	-	-	-	21.18	24.00	-2.82	4.70	25.88	30.00	-4.12
5310	37.920	15.47	-	-	-	15.47	24.00	-8.53	4.70	20.17	30.00	-9.83

Table 283 - ISSED Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.70
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5290	83.160	14.02	-	-	-	14.02	24.00	-9.98

Table 284 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5290	77.000	14.02	-	-	-	14.02	24.00	-9.98	4.70	18.72	30.00	-11.28

Table 285 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	93.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.30
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.70
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5250	83.160	8.62	-	-	-	8.62	24.00	-15.38

Table 286 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5250	77.700	8.62	-	-	-	8.62	24.00	-15.38	4.70	13.32	30.00	-16.68

Table 287 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	97.5
Data Rate:	12 Mbps	DCCF (dB):	0.11
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5500	21.180	-	17.37	-	-	17.37	24.00	-6.63
5580	20.700	-	19.38	-	-	19.38	24.00	-4.62
5700	21.240	-	16.87	-	-	16.87	24.00	-7.13
5720	15.440	-	18.75	-	-	18.75	22.89	-4.14

Table 288 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5500	16.620	-	17.37	-	-	17.37	23.21	-5.83	3.70	21.07	29.21	-8.13
5580	16.500	-	19.38	-	-	19.38	23.17	-3.80	3.70	23.08	29.17	-6.10
5700	16.620	-	16.87	-	-	16.87	23.21	-6.34	3.70	20.57	29.21	-8.64
5720	13.160	-	18.75	-	-	18.75	22.19	-3.44	3.70	22.45	28.19	-5.74

Table 289 - ISD Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	96.4
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.16
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5500	22.680	-	17.18	-	-	17.18	24.00	-6.82
5580	21.060	-	19.19	-	-	19.19	24.00	-4.81
5700	22.020	-	16.72	-	-	16.72	24.00	-7.28
5720	15.560	-	18.51	-	-	18.51	22.92	-4.41

Table 290 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5500	17.820	-	17.18	-	-	17.18	23.51	-6.33	3.70	20.88	29.51	-8.63
5580	17.700	-	19.19	-	-	19.19	23.48	-4.29	3.70	22.89	29.48	-6.59
5700	17.820	-	16.72	-	-	16.72	23.51	-6.78	3.70	20.42	29.51	-9.08
5720	13.760	-	18.51	-	-	18.51	22.39	-3.88	3.70	22.21	28.39	-6.18

Table 291 - ISD Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	93.7
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.28
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5510	42.960	-	16.02	-	-	16.02	24.00	-7.98
5550	42.000	-	21.28	-	-	21.28	24.00	-2.72
5670	42.840	-	18.40	-	-	18.40	24.00	-5.60
5710	36.120	-	20.90	-	-	20.90	24.00	-3.10

Table 292 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5510	36.480	-	16.02	-	-	16.02	24.00	-7.98	3.70	19.72	30.00	-10.28
5550	36.480	-	21.28	-	-	21.28	24.00	-2.72	3.70	24.98	30.00	-5.02
5670	36.600	-	18.40	-	-	18.40	24.00	-5.60	3.70	22.10	30.00	-7.90
5710	32.880	-	20.90	-	-	20.90	24.00	-3.10	3.70	24.60	30.00	-5.40

Table 293 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	88.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.52
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5530	84.260	-	15.33	-	-	15.33	24.00	-8.67
5610	87.340	-	20.16	-	-	20.16	24.00	-3.84
5690	76.360	-	21.22	-	-	21.22	24.00	-2.78

Table 294 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5530	75.680	-	15.33	-	-	15.33	24.00	-8.67	3.70	19.03	30.00	-10.97
5690	72.400	-	21.22	-	-	21.22	24.00	-2.78	3.70	24.92	30.00	-5.08

Table 295 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT160	Duty Cycle (%):	84.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5570	165.900	-	12.25	-	-	12.25	24.00	-11.75

Table 296 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	95.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5500	21.840	-	16.47	-	-	16.47	24.00	-7.53
5580	21.060	-	19.17	-	-	19.17	24.00	-4.83
5700	24.240	-	14.75	-	-	14.75	24.00	-9.25
5720	15.560	-	18.43	-	-	18.43	22.92	-4.49

Table 297 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5500	18.960	-	16.47	-	-	16.47	23.78	-7.31	3.70	20.17	29.78	-9.61
5580	18.960	-	19.17	-	-	19.17	23.78	-4.61	3.70	22.87	29.78	-6.91
5700	18.960	-	14.75	-	-	14.75	23.78	-9.03	3.70	18.45	29.78	-11.33
5720	14.420	-	18.43	-	-	18.43	22.59	-4.16	3.70	22.13	28.59	-6.46

Table 298 - ISD Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	95.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5510	43.560	-	16.11	-	-	16.11	24.00	-7.89
5550	42.000	-	21.41	-	-	21.41	24.00	-2.59
5670	43.200	-	17.78	-	-	17.78	24.00	-6.22
5710	36.000	-	21.11	-	-	21.11	24.00	-2.89

Table 299 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5510	37.920	-	16.11	-	-	16.11	24.00	-7.89	3.70	19.81	30.00	-10.19
5550	37.920	-	21.41	-	-	21.41	24.00	-2.59	3.70	25.11	30.00	-4.89
5670	37.920	-	17.78	-	-	17.78	24.00	-6.22	3.70	21.48	30.00	-8.52
5710	33.720	-	21.11	-	-	21.11	24.00	-2.89	3.70	24.81	30.00	-5.19

Table 300 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.21
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5530	84.040	-	14.67	-	-	14.67	24.00	-9.33
5610	84.700	-	19.92	-	-	19.92	24.00	-4.08
5690	76.360	-	21.01	-	-	21.01	24.00	-2.99

Table 301 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5530	77.000	-	14.67	-	-	14.67	24.00	-9.33	3.70	18.37	30.00	-11.63
5690	73.060	-	21.01	-	-	21.01	24.00	-2.99	3.70	24.71	30.00	-5.29

Table 302 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	92.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5570	165.480	-	12.44	-	-	12.44	24.00	-11.56

Table 303 - FCC Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	97.7
Data Rate:	12 Mbps	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5720	-	11.15	-	-	11.15	30.00	-18.85
5745	-	21.25	-	-	21.25	30.00	-8.75
5785	-	21.26	-	-	21.26	30.00	-8.74
5825	-	21.39	-	-	21.39	30.00	-8.61

Table 304 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	96.6
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.15
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5720	-	11.46	-	-	11.46	30.00	-18.54
5745	-	21.43	-	-	21.43	30.00	-8.57
5785	-	21.43	-	-	21.43	30.00	-8.57
5825	-	21.19	-	-	21.19	30.00	-8.81

Table 305 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	94.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.27
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5710	-	9.29	-	-	9.29	30.00	-20.71
5755	-	21.32	-	-	21.32	30.00	-8.68
5795	-	21.24	-	-	21.24	30.00	-8.76

Table 306 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	89.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.49
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5690	-	5.88	-	-	5.88	30.00	-24.12
5775	-	20.71	-	-	20.71	30.00	-9.29

Table 307 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5720	-	12.03	-	-	12.03	30.00	-17.97
5745	-	21.40	-	-	21.40	30.00	-8.60
5785	-	21.43	-	-	21.43	30.00	-8.57
5825	-	21.16	-	-	21.16	30.00	-8.84

Table 308 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5710	-	9.90	-	-	9.90	30.00	-20.10
5755	-	21.42	-	-	21.42	30.00	-8.58
5795	-	21.16	-	-	21.16	30.00	-8.84

Table 309 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.20
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5690	-	6.49	-	-	6.49	30.00	-23.51
5775	-	19.75	-	-	19.75	30.00	-10.25

Table 310 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5180 (RU26.0)	11.39	-	-	-	11.39	24.00	-12.61
5220 (RU26.0)	11.15	-	-	-	11.15	24.00	-12.85
5240 (RU26.8)	11.40	-	-	-	11.40	24.00	-12.60

Table 311 - FCC Maximum Conducted (average) Output Power Results

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

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5180 (RU52.37)	14.15	-	-	-	14.15	24.00	-9.85
5220 (RU52.37)	14.30	-	-	-	14.30	24.00	-9.70
5240 (RU52.40)	14.24	-	-	-	14.24	24.00	-9.76

Table 312 - FCC Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5180 (RU106.53)	17.23	-	-	-	17.23	24.00	-6.77
5220 (RU106.53)	17.41	-	-	-	17.41	24.00	-6.59
5240 (RU106.54)	17.43	-	-	-	17.43	24.00	-6.57

Table 313 - FCC Maximum Conducted (average) Output Power Results

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

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5180 (RU26.0)	18.360	6.31	-	-	-	6.31	4.00	10.31	22.64	-12.33
5220 (RU26.0)	18.360	5.94	-	-	-	5.94	4.00	9.94	22.64	-12.70
5240 (RU26.8)	18.360	6.29	-	-	-	6.29	4.00	10.29	22.64	-12.35

Table 314 - ISD Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5180 (RU52.37)	18.240	9.28	-	-	-	9.28	4.00	13.28	22.61	-9.33
5220 (RU52.37)	18.240	9.41	-	-	-	9.41	4.00	13.41	22.61	-9.20
5240 (RU52.40)	18.240	9.33	-	-	-	9.33	4.00	13.33	22.61	-9.28

Table 315 - ISSED Maximum Conducted (average) Output Power Results

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

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5180 (RU106.53)	18.180	12.39	-	-	-	12.39	4.00	16.39	22.60	-6.21
5220 (RU106.53)	18.180	12.32	-	-	-	12.32	4.00	16.32	22.60	-6.27
5240 (RU106.54)	18.240	12.41	-	-	-	12.41	4.00	16.41	22.61	-6.20

Table 316 - ISSED Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.70
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5260 (RU52.37)	19.860	14.34	-	-	-	14.34	23.98	-9.64
5300 (RU52.37)	19.980	14.24	-	-	-	14.24	24.00	-9.76
5320 (RU52.40)	20.040	14.41	-	-	-	14.41	24.00	-9.59

Table 317 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5260 (RU52.37)	18.240	14.34	-	-	-	14.34	23.61	-9.27	4.70	19.04	29.61	-10.57
5300 (RU52.37)	18.180	14.24	-	-	-	14.24	23.60	-9.36	4.70	18.94	29.60	-10.66
5320 (RU52.40)	18.240	14.41	-	-	-	14.41	23.61	-9.20	4.70	19.11	29.61	-10.50

Table 318 - ISD Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.70
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5260 (RU106.53)	20.400	17.37	-	-	-	17.37	24.00	-6.63
5300 (RU106.53)	20.340	17.40	-	-	-	17.40	24.00	-6.60
5320 (RU106.54)	20.520	17.47	-	-	-	17.47	24.00	-6.53

Table 319 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5260 (RU106.53)	18.180	17.37	-	-	-	17.37	23.60	-6.22	4.70	22.07	29.60	-7.52
5300 (RU106.53)	18.180	17.40	-	-	-	17.40	23.60	-6.20	4.70	22.10	29.60	-7.50
5320 (RU106.54)	18.240	17.47	-	-	-	17.47	23.61	-6.14	4.70	22.17	29.61	-7.44

Table 320 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5500 (RU52.37)	20.040	-	14.30	-	-	14.30	24.00	-9.70
5580 (RU52.37)	20.040	-	14.32	-	-	14.32	24.00	-9.68
5700 (RU52.40)	19.920	-	13.87	-	-	13.87	23.99	-10.12
5720 (RU52.39)	14.420	-	13.73	-	-	13.73	22.59	-8.86

Table 321 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5500 (RU52.37)	18.240	-	14.30	-	-	14.30	23.61	-9.31	3.70	18.00	29.61	-11.61
5580 (RU52.37)	18.240	-	14.32	-	-	14.32	23.61	-9.29	3.70	18.02	29.61	-11.59
5700 (RU52.40)	18.240	-	13.87	-	-	13.87	23.61	-9.74	3.70	17.57	29.61	-12.04
5720 (RU52.39)	13.340	-	13.73	-	-	13.73	22.25	-8.52	3.70	17.43	28.25	-10.82

Table 322 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	97.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5500 (RU106.53)	20.520	-	17.09	-	-	17.09	24.00	-6.91
5580 (RU106.53)	20.220	-	17.31	-	-	17.31	24.00	-6.69
5700 (RU106.54)	20.700	-	16.88	-	-	16.88	24.00	-7.12
5720 (RU106.53)	15.680	-	17.40	-	-	17.40	22.95	-5.56

Table 323 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5500 (RU106.53)	18.180	-	17.09	-	-	17.09	23.60	-6.50	3.70	20.79	29.60	-8.80
5580 (RU106.53)	18.180	-	17.31	-	-	17.31	23.60	-6.29	3.70	21.01	29.60	-8.59
5700 (RU106.54)	18.180	-	16.88	-	-	16.88	23.60	-6.72	3.70	20.58	29.60	-9.02
5720 (RU106.53)	14.540	-	17.40	-	-	17.40	22.63	-5.23	3.70	21.10	28.63	-7.53

Table 324 - ISD Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.30
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5745 (RU26.0)	-	13.19	-	-	13.19	30.00	-16.81
5785 (RU26.0)	-	13.35	-	-	13.35	30.00	-16.65
5825 (RU26.8)	-	13.22	-	-	13.22	30.00	-16.78

Table 325 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5720 (RU52.40)	-	14.33	-	-	14.33	30.00	-15.67
5745 (RU52.37)	-	16.21	-	-	16.21	30.00	-13.79
5785 (RU52.37)	-	16.40	-	-	16.40	30.00	-13.60
5825 (RU52.40)	-	16.25	-	-	16.25	30.00	-13.75

Table 326 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	3.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5720 (RU106.54)	-	14.38	-	-	14.38	30.00	-15.62
5745 (RU106.53)	-	19.20	-	-	19.20	30.00	-10.80
5785 (RU106.53)	-	19.34	-	-	19.34	30.00	-10.66
5825 (RU106.54)	-	19.21	-	-	19.21	30.00	-10.79

Table 327 - Maximum Conducted (average) Output Power Results



MIMO CDD

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	96.7
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5180	15.50	15.43	-	-	18.48	24.00	-5.52
5220	15.30	15.25	-	-	18.28	24.00	-5.72
5240	15.44	15.15	-	-	18.31	24.00	-5.69

Table 328 - FCC Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	94.8
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5190	16.78	16.74	-	-	19.77	24.00	-4.23
5230	17.74	17.68	-	-	20.72	24.00	-3.28

Table 329 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	90.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5210	15.80	15.54	-	-	18.68	24.00	-5.32

Table 330 - FCC Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.2.4
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ac VHT160	Duty Cycle (%):	85.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.68
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5250	7.57	7.45	-	-	10.52	24.00	-13.48

Table 331 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	96.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5180	15.30	15.40	-	-	18.36	24.00	-5.64
5220	15.34	15.33	-	-	18.34	24.00	-5.66
5240	15.37	15.42	-	-	18.40	24.00	-5.60

Table 332 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	96.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5190	15.86	15.80	-	-	18.84	24.00	-5.16
5230	17.80	17.57	-	-	20.69	24.00	-3.31

Table 333 - FCC Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5210	14.75	14.54	-	-	17.66	24.00	-6.34

Table 334 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.2.4
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	93.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.30
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5250	8.71	8.61	-	-	11.67	24.00	-12.33

Table 335 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	96.6
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5180	17.820	8.46	8.42	-	-	11.45	4.00	15.45	22.51	-7.06
5220	17.700	8.24	8.23	-	-	11.25	4.00	15.25	22.48	-7.23
5240	17.700	8.29	7.95	-	-	11.13	4.00	15.13	22.48	-7.35

Table 336 - ISED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	94.6
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5190	36.600	10.93	10.58	-	-	13.77	4.00	17.77	23.00	-5.23
5230	36.360	10.89	10.94	-	-	13.93	4.00	17.93	23.00	-5.07

Table 337 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	90.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5210	75.680	13.93	13.65	-	-	16.80	4.00	20.80	23.00	-2.20

Table 338 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ac VHT160	Duty Cycle (%):	85.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.68
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5250	77.280	7.57	7.45	-	-	10.52	4.00	14.52	23.00	-8.48

Table 339 - ISSED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	96.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5180	18.960	8.37	8.25	-	-	11.32	4.00	15.32	22.78	-7.46
5220	18.900	8.45	8.37	-	-	11.42	4.00	15.42	22.76	-7.34
5240	18.900	8.29	8.20	-	-	11.25	4.00	15.25	22.76	-7.51

Table 340 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	96.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5190	37.920	10.77	10.45	-	-	13.63	4.00	17.63	23.00	-5.37
5230	37.800	10.84	10.49	-	-	13.68	4.00	17.68	23.00	-5.32

Table 341 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5210	77.000	13.82	13.50	-	-	16.67	4.00	20.67	23.00	-2.33

Table 342 - ISED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4
Additional Reference(s):	662911 D01 v02r01 F)2)f)(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	93.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.30
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5250	77.700	8.77	8.74	-	-	11.76	4.00	15.76	23.00	-7.24

Table 343 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	96.5
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5260	20.940	14.65	14.55	-	-	17.61	24.00	-6.39
5300	21.060	14.32	14.52	-	-	17.43	24.00	-6.57
5320	21.960	14.39	14.43	-	-	17.42	24.00	-6.58

Table 344 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5260	17.700	14.65	14.55	-	-	17.61	23.48	-5.87	4.70	22.31	29.48	-7.17
5300	17.700	14.32	14.52	-	-	17.43	23.48	-6.05	4.70	22.13	29.48	-7.35
5320	17.820	14.39	14.43	-	-	17.42	23.51	-6.09	4.70	22.12	29.51	-7.39

Table 345 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	93.9
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5270	41.520	17.05	17.09	-	-	20.08	24.00	-3.92
5310	43.080	14.51	14.55	-	-	17.54	24.00	-6.46

Table 346 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5270	36.360	17.05	17.09	-	-	20.08	24.00	-3.92	4.70	24.78	30.00	-5.22
5310	36.600	14.51	14.55	-	-	17.54	24.00	-6.46	4.70	22.24	30.00	-7.76

Table 347 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	89.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5290	84.920	13.03	12.70	-	-	15.88	24.00	-8.12

Table 348 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5290	75.900	13.03	12.70	-	-	15.88	24.00	-8.12	4.70	20.58	30.00	-9.42

Table 349 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ac VHT160	Duty Cycle (%):	85.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.68
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5250	82.740	7.56	7.42	-	-	10.50	24.00	-13.50

Table 350 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5250	76.860	7.56	7.42	-	-	10.50	24.00	-13.50	4.70	15.20	30.00	-14.80

Table 351 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	95.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5260	20.880	14.70	14.36	-	-	17.54	24.00	-6.46
5300	21.000	14.32	14.52	-	-	17.43	24.00	-6.57
5320	21.840	14.42	14.16	-	-	17.30	24.00	-6.70

Table 352 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5260	18.900	14.70	14.36	-	-	17.54	23.76	-6.22	4.70	22.24	29.76	-7.52
5300	18.900	14.32	14.52	-	-	17.43	23.76	-6.33	4.70	22.13	29.76	-7.63
5320	18.960	14.42	14.16	-	-	17.30	23.78	-6.48	4.70	22.00	29.78	-7.78

Table 353 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5270	41.520	16.88	16.91	-	-	19.91	24.00	-4.09
5310	43.560	14.28	14.01	-	-	17.16	24.00	-6.84

Table 354 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5270	37.800	16.88	16.91	-	-	19.91	24.00	-4.09	4.70	24.61	30.00	-5.39
5310	37.920	14.28	14.01	-	-	17.16	24.00	-6.84	4.70	21.86	30.00	-8.14

Table 355 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5290	83.820	12.44	12.24	-	-	15.35	24.00	-8.65

Table 356 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5290	77.000	12.44	12.24	-	-	15.35	24.00	-8.65	4.70	20.05	30.00	-9.95

Table 357 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2)	Test Method(s):	C63.10 12.4.2.4
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	93.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.30
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5250	82.740	8.66	8.59	-	-	11.63	24.00	-12.37

Table 358 - FCC Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	93.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.30
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5250	77.700	8.75	8.69	-	-	11.73	24.00	-12.27	4.70	16.43	30.00	-13.57

Table 359 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	96.4
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.16
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	3.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5500	21.780	15.91	15.73	-	-	18.83	24.00	-5.17
5580	20.940	15.94	15.73	-	-	18.85	24.00	-5.15
5700	21.780	15.69	15.71	-	-	18.71	24.00	-5.29
5720	15.560	14.77	15.14	-	-	17.97	22.92	-4.95

Table 360 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5500	17.820	15.91	15.73	-	-	18.83	23.51	-4.68	3.70	22.53	29.51	-6.98
5580	17.700	15.94	15.73	-	-	18.85	23.48	-4.63	3.70	22.55	29.48	-6.93
5700	17.820	15.69	15.71	-	-	18.71	23.51	-4.80	3.70	22.41	29.51	-7.10
5720	13.760	14.77	15.14	-	-	17.97	22.39	-4.42	3.70	21.67	28.39	-6.72

Table 361 - ISD Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	93.7
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.28
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	3.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5510	42.960	15.21	15.45	-	-	18.34	24.00	-5.66
5550	41.280	18.15	18.11	-	-	21.14	24.00	-2.86
5670	43.680	17.92	17.84	-	-	20.89	24.00	-3.11
5710	35.760	18.00	18.20	-	-	21.11	24.00	-2.89

Table 362 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5510	36.600	15.21	15.45	-	-	18.34	24.00	-5.66	3.70	22.04	30.00	-7.96
5550	36.360	18.15	18.11	-	-	21.14	24.00	-2.86	3.70	24.84	30.00	-5.16
5670	36.600	17.92	17.84	-	-	20.89	24.00	-3.11	3.70	24.59	30.00	-5.41
5710	32.880	18.00	18.20	-	-	21.11	24.00	-2.89	3.70	24.81	30.00	-5.19

Table 363 - ISD Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	88.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.53
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	3.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5530	85.800	14.17	13.95	-	-	17.07	24.00	-6.93
5610	88.880	19.28	19.26	-	-	22.28	24.00	-1.72
5690	75.920	19.53	19.46	-	-	22.51	24.00	-1.49

Table 364 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5530	75.680	14.17	13.95	-	-	17.07	24.00	-6.93	3.70	20.77	30.00	-9.23
5690	72.180	19.53	19.46	-	-	22.51	24.00	-1.49	3.70	26.21	30.00	-3.79

Table 365 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ac VHT160	Duty Cycle (%):	84.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	3.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5570	165.900	11.78	11.73	-	-	14.77	24.00	-9.23

Table 366 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	95.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	3.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5500	21.840	15.97	15.61	-	-	18.80	24.00	-5.20
5580	21.000	15.82	15.69	-	-	18.77	24.00	-5.23
5700	21.840	13.74	13.53	-	-	16.64	24.00	-7.36
5720	15.560	14.48	14.92	-	-	17.72	22.92	-5.20

Table 367 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5500	19.020	15.97	15.61	-	-	18.80	23.79	-4.99	3.70	22.50	29.79	-7.29
5580	18.900	15.82	15.69	-	-	18.77	23.76	-5.00	3.70	22.47	29.76	-7.30
5700	18.960	13.74	13.53	-	-	16.64	23.78	-7.13	3.70	20.34	29.78	-9.43
5720	14.360	14.48	14.92	-	-	17.72	22.57	-4.86	3.70	21.42	28.57	-7.16

Table 368 - ISD Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	95.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	3.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5510	43.440	15.24	15.50	-	-	18.38	24.00	-5.62
5550	41.520	18.26	18.21	-	-	21.25	24.00	-2.75
5670	43.920	17.15	17.28	-	-	20.23	24.00	-3.77
5710	35.760	17.61	17.91	-	-	20.78	24.00	-3.22

Table 369 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5510	37.800	15.24	15.50	-	-	18.38	24.00	-5.62	3.70	22.08	30.00	-7.92
5550	37.800	18.26	18.21	-	-	21.25	24.00	-2.75	3.70	24.95	30.00	-5.05
5670	37.920	17.15	17.28	-	-	20.23	24.00	-3.77	3.70	23.93	30.00	-6.07
5710	33.600	17.61	17.91	-	-	20.78	24.00	-3.22	3.70	24.48	30.00	-5.52

Table 370 - ISD Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.21
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	3.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5530	83.820	13.68	13.91	-	-	16.81	24.00	-7.19
5610	86.240	18.96	18.71	-	-	21.85	24.00	-2.15
5690	76.360	19.70	19.64	-	-	22.68	24.00	-1.32

Table 371 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5530	77.000	13.68	13.91	-	-	16.81	24.00	-7.19	3.70	20.51	30.00	-9.49
5690	73.060	19.70	19.64	-	-	22.68	24.00	-1.32	3.70	26.38	30.00	-3.62

Table 372 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	92.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	3.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5570	165.900	11.48	11.42	-	-	14.46	24.00	-9.54

Table 373 - FCC Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	96.6
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.15
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	3.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5720	7.68	8.08	-	-	10.89	30.00	-19.11
5745	20.87	21.22	-	-	24.06	30.00	-5.94
5785	21.22	20.98	-	-	24.11	30.00	-5.89
5825	21.49	21.18	-	-	24.35	30.00	-5.65

Table 374 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	93.9
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.27
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	3.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5710	6.10	6.50	-	-	9.32	30.00	-20.68
5755	21.40	21.50	-	-	24.46	30.00	-5.54
5795	21.17	21.19	-	-	24.19	30.00	-5.81

Table 375 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	89.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.49
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	3.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5690	4.03	4.16	-	-	7.10	30.00	-22.90
5775	19.75	20.00	-	-	22.89	30.00	-7.11

Table 376 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	3.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5720	7.87	8.52	-	-	11.22	30.00	-18.78
5745	21.11	21.30	-	-	24.22	30.00	-5.78
5785	21.32	21.28	-	-	24.31	30.00	-5.69
5825	21.22	21.14	-	-	24.19	30.00	-5.81

Table 377 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	3.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5710	6.24	6.72	-	-	9.50	30.00	-20.50
5755	20.89	21.16	-	-	24.04	30.00	-5.96
5795	21.19	21.12	-	-	24.17	30.00	-5.83

Table 378 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.20
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	3.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5690	4.56	5.01	-	-	7.80	30.00	-22.20
5775	19.98	19.94	-	-	22.97	30.00	-7.03

Table 379 - Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	97.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5180 (RU26.0)	7.36	7.09	-	-	10.24	24.00	-13.76
5220 (RU26.0)	7.35	7.12	-	-	10.25	24.00	-13.75
5240 (RU26.8)	7.46	7.09	-	-	10.29	24.00	-13.71

Table 380 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5180 (RU52.37)	10.36	10.46	-	-	13.42	24.00	-10.58
5220 (RU52.37)	10.16	10.39	-	-	13.29	24.00	-10.71
5240 (RU52.40)	10.02	10.27	-	-	13.16	24.00	-10.84

Table 381 - FCC Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	97.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5180 (RU106.53)	12.87	13.20	-	-	16.05	24.00	-7.95
5220 (RU106.53)	13.00	13.49	-	-	16.26	24.00	-7.74
5240 (RU106.54)	13.31	13.36	-	-	16.35	24.00	-7.65

Table 382 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	97.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5180 (RU26.0)	18.300	-0.03	0.41	-	-	3.21	4.00	7.21	22.62	-15.42
5220 (RU26.0)	18.240	0.42	0.46	-	-	3.45	4.00	7.45	22.61	-15.16
5240 (RU26.8)	18.300	0.49	0.14	-	-	3.33	4.00	7.33	22.62	-15.29

Table 383 - ISED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5180 (RU52.37)	18.120	2.98	3.22	-	-	6.11	4.00	10.11	22.58	-12.47
5220 (RU52.37)	18.120	3.21	3.31	-	-	6.27	4.00	10.27	22.58	-12.31
5240 (RU52.40)	18.060	3.22	3.31	-	-	6.28	4.00	10.28	22.57	-12.29

Table 384 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5180 (RU106.53)	18.120	6.14	6.33	-	-	9.24	4.00	13.24	22.58	-9.34
5220 (RU106.53)	18.120	6.22	6.37	-	-	9.31	4.00	13.31	22.58	-9.28
5240 (RU106.54)	18.180	6.36	6.49	-	-	9.44	4.00	13.44	22.60	-9.16

Table 385 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5260 (RU52.37)	19.860	9.72	9.59	-	-	12.67	23.98	-11.31
5300 (RU52.37)	19.980	9.63	9.34	-	-	12.50	24.00	-11.50
5320 (RU52.40)	19.800	9.55	9.52	-	-	12.54	23.97	-11.42

Table 386 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5260 (RU52.37)	18.120	9.72	9.59	-	-	12.67	23.58	-10.92	4.70	17.37	29.58	-12.22
5300 (RU52.37)	18.120	9.63	9.34	-	-	12.50	23.58	-11.09	4.70	17.20	29.58	-12.39
5320 (RU52.40)	18.060	9.55	9.52	-	-	12.54	23.57	-11.02	4.70	17.24	29.57	-12.32

Table 387 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	4.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5260 (RU106.53)	20.160	12.33	12.73	-	-	15.55	24.00	-8.45
5300 (RU106.53)	20.160	11.94	12.55	-	-	15.27	24.00	-8.73
5320 (RU106.54)	19.860	12.74	12.36	-	-	15.57	23.98	-8.41

Table 388 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5260 (RU106.53)	18.120	12.33	12.73	-	-	15.55	23.58	-8.03	4.70	20.25	29.58	-9.33
5300 (RU106.53)	18.120	11.94	12.55	-	-	15.27	23.58	-8.32	4.70	19.97	29.58	-9.62
5320 (RU106.54)	18.120	12.74	12.36	-	-	15.57	23.58	-8.02	4.70	20.27	29.58	-9.32

Table 389 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	3.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5500 (RU52.37)	19.860	10.50	10.79	-	-	13.66	23.98	-10.32
5580 (RU52.37)	19.920	10.97	10.69	-	-	13.84	23.99	-10.15
5700 (RU52.40)	19.680	10.03	10.99	-	-	13.54	23.94	-10.40
5720 (RU52.39)	14.120	9.81	10.34	-	-	13.09	22.50	-9.40

Table 390 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5500 (RU52.37)	18.120	10.50	10.79	-	-	13.66	23.58	-9.92	3.70	17.36	29.58	-12.22
5580 (RU52.37)	18.120	10.97	10.69	-	-	13.84	23.58	-9.74	3.70	17.54	29.58	-12.04
5700 (RU52.40)	18.120	10.03	10.99	-	-	13.54	23.58	-10.04	3.70	17.24	29.58	-12.34
5720 (RU52.39)	13.160	9.81	10.34	-	-	13.09	22.19	-9.10	3.70	16.79	28.19	-11.40

Table 391 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	97.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	3.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5500 (RU106.53)	20.100	13.43	14.00	-	-	16.74	24.00	-7.26
5580 (RU106.53)	20.280	13.45	13.80	-	-	16.64	24.00	-7.36
5700 (RU106.54)	19.800	13.31	13.77	-	-	16.56	23.97	-7.41
5720 (RU106.53)	15.680	12.94	13.70	-	-	16.34	22.95	-6.61

Table 392 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5500 (RU106.53)	18.120	13.43	14.00	-	-	16.74	23.58	-6.85	3.70	20.44	29.58	-9.15
5580 (RU106.53)	18.120	13.45	13.80	-	-	16.64	23.58	-6.94	3.70	20.34	29.58	-9.24
5700 (RU106.54)	18.120	13.31	13.77	-	-	16.56	23.58	-7.02	3.70	20.26	29.58	-9.32
5720 (RU106.53)	14.540	12.94	13.70	-	-	16.34	22.63	-6.28	3.70	20.04	28.63	-8.58

Table 393 - ISD Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	3.30
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5745 (RU26.0)	13.46	13.46	-	-	16.47	30.00	-13.53
5785 (RU26.0)	13.18	13.11	-	-	16.16	30.00	-13.84
5825 (RU26.8)	13.21	13.23	-	-	16.23	30.00	-13.77

Table 394 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	3.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5720 (RU52.40)	10.06	10.65	-	-	13.38	30.00	-16.62
5745 (RU52.37)	16.19	16.16	-	-	19.18	30.00	-10.82
5785 (RU52.37)	16.23	16.34	-	-	19.30	30.00	-10.70
5825 (RU52.40)	15.86	16.21	-	-	19.05	30.00	-10.95

Table 395 - Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	3.70
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5720 (RU106.54)	10.89	11.11	-	-	14.01	30.00	-15.99
5745 (RU106.53)	19.15	19.47	-	-	22.33	30.00	-7.67
5785 (RU106.53)	19.08	19.46	-	-	22.29	30.00	-7.71
5825 (RU106.54)	19.13	19.20	-	-	22.18	30.00	-7.82

Table 396 - Maximum Conducted (average) Output Power Results



MIMO SDM

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	95.1
Modulation Coding Scheme:	MCS10	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5180	16.26	16.25	-	-	19.27	24.00	-4.73
5220	16.32	16.24	-	-	19.29	24.00	-4.71
5240	16.34	16.31	-	-	19.34	24.00	-4.66

Table 397 - FCC Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	91.4
Modulation Coding Scheme:	MCS10	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5190	17.00	16.75	-	-	19.89	24.00	-4.11
5230	18.70	18.62	-	-	21.67	24.00	-2.33

Table 398 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	86.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5210	15.79	15.52	-	-	18.67	24.00	-5.33

Table 399 - FCC Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.2.4
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ac VHT160	Duty Cycle (%):	80.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.93
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5250	6.87	7.18	-	-	10.04	24.00	-13.96

Table 400 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	96.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5180	16.45	16.42	-	-	19.45	24.00	-4.55
5220	16.42	16.09	-	-	19.27	24.00	-4.73
5240	16.41	16.37	-	-	19.40	24.00	-4.60

Table 401 - FCC Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	96.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5190	15.83	15.79	-	-	18.82	24.00	-5.18
5230	18.84	18.81	-	-	21.83	24.00	-2.17

Table 402 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.6
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5210	14.73	14.55	-	-	17.65	24.00	-6.35

Table 403 - FCC Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv)	Test Method(s):	C63.10 12.4.2.4
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	93.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.31
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5250	9.68	9.55	-	-	12.62	24.00	-11.38

Table 404 - FCC Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	94.8
Modulation Coding Scheme:	MCS10	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5180	17.760	11.30	10.91	-	-	14.12	4.00	18.12	22.49	-4.37
5220	17.700	11.16	10.84	-	-	14.02	4.00	18.02	22.48	-4.46
5240	17.640	11.43	11.28	-	-	14.37	4.00	18.37	22.46	-4.10

Table 405 - ISED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	91.2
Modulation Coding Scheme:	MCS10	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5190	36.600	13.72	13.81	-	-	16.78	4.00	20.78	23.00	-2.22
5230	36.360	13.89	13.91	-	-	16.91	4.00	20.91	23.00	-2.09

Table 406 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	86.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5210	75.680	14.71	14.82	-	-	17.77	4.00	21.77	23.00	-1.23

Table 407 - ISED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ac VHT160	Duty Cycle (%):	80.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.93
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5250	77.280	6.87	7.18	-	-	10.04	4.00	14.04	23.00	-8.96

Table 408 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5180	18.960	11.48	11.34	-	-	14.42	4.00	18.42	22.78	-4.35
5220	18.900	11.32	11.23	-	-	14.29	4.00	18.29	22.76	-4.48
5240	18.900	11.09	11.18	-	-	14.15	4.00	18.15	22.76	-4.62

Table 409 - ISED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	96.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5190	37.920	13.79	13.94	-	-	16.88	4.00	20.88	23.00	-2.12
5230	37.800	13.76	13.49	-	-	16.64	4.00	20.64	23.00	-2.36

Table 410 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5210	77.000	14.75	14.44	-	-	17.61	4.00	21.61	23.00	-1.39

Table 411 - ISED Maximum Conducted (average) Output Power Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.2.4
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	93.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.31
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ				
5250	77.700	9.68	9.55	-	-	12.62	4.00	16.62	23.00	-6.38

Table 412 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	94.1
Modulation Coding Scheme:	MCS10	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.65
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5260	20.940	16.46	16.35	-	-	19.42	24.00	-4.58
5300	20.940	15.98	16.25	-	-	19.13	24.00	-4.87
5320	21.660	16.20	16.00	-	-	19.11	24.00	-4.89

Table 413 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5260	17.640	16.46	16.35	-	-	19.42	23.46	-4.05	4.65	24.07	29.46	-5.40
5300	17.700	15.98	16.25	-	-	19.13	23.48	-4.35	4.65	23.78	29.48	-5.70
5320	17.760	16.20	16.00	-	-	19.11	23.49	-4.38	4.65	23.76	29.49	-5.73

Table 414 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	90.0
Modulation Coding Scheme:	MCS10	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.65
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5270	41.280	18.88	18.67	-	-	21.78	24.00	-2.22
5310	42.120	14.93	14.66	-	-	17.81	24.00	-6.19

Table 415 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5270	36.360	18.88	18.67	-	-	21.78	24.00	-2.22	4.65	26.43	30.00	-3.57
5310	36.480	14.93	14.66	-	-	17.81	24.00	-6.19	4.65	22.46	30.00	-7.54

Table 416 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	84.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.65
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5290	85.360	13.22	13.15	-	-	16.19	24.00	-7.81

Table 417 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5290	75.680	13.22	13.15	-	-	16.19	24.00	-7.81	4.65	20.84	30.00	-9.16

Table 418 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ac VHT160	Duty Cycle (%):	80.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.93
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.65
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5250	83.160	6.84	7.17	-	-	10.02	24.00	-13.98

Table 419 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5250	76.860	6.84	7.17	-	-	10.02	24.00	-13.98	4.65	14.67	30.00	-15.33

Table 420 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	95.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.65
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5260	21.060	16.41	16.12	-	-	19.28	24.00	-4.72
5300	21.060	15.96	16.22	-	-	19.10	24.00	-4.90
5320	21.660	16.27	15.91	-	-	19.10	24.00	-4.90

Table 421 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5260	18.900	16.41	16.12	-	-	19.28	23.76	-4.49	4.65	23.93	29.76	-5.84
5300	18.840	15.96	16.22	-	-	19.10	23.75	-4.65	4.65	23.75	29.75	-6.00
5320	18.960	16.27	15.91	-	-	19.10	23.78	-4.67	4.65	23.75	29.78	-6.02

Table 422 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.65
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5270	41.640	18.68	18.57	-	-	21.63	24.00	-2.37
5310	42.840	14.49	14.34	-	-	17.43	24.00	-6.57

Table 423 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5270	37.800	18.68	18.57	-	-	21.63	24.00	-2.37	4.65	26.28	30.00	-3.72
5310	37.800	14.49	14.34	-	-	17.43	24.00	-6.57	4.65	22.08	30.00	-7.92

Table 424 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	95.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.65
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5290	83.380	13.22	12.91	-	-	16.08	24.00	-7.92

Table 425 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5290	77.000	13.22	12.91	-	-	16.08	24.00	-7.92	4.65	20.73	30.00	-9.27

Table 426 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.2.1	Test Method(s):	C63.10 12.4.2.4
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	93.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.31
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.65
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5250	82.740	9.59	9.46	-	-	12.53	24.00	-11.47

Table 427 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5250	77.700	9.59	9.46	-	-	12.53	24.00	-11.47	4.65	17.18	30.00	-12.82

Table 428 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	93.8
Modulation Coding Scheme:	MCS10	DCCF (dB):	0.28
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.60
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5500	21.600	16.23	16.41	-	-	19.33	24.00	-4.67
5580	21.060	16.31	16.16	-	-	19.25	24.00	-4.75
5700	22.080	16.01	16.28	-	-	19.16	24.00	-4.84
5720	15.500	15.09	15.42	-	-	18.27	22.90	-4.64

Table 429 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5500	17.820	16.23	16.41	-	-	19.33	23.51	-4.18	3.60	22.93	29.51	-6.58
5580	17.700	16.31	16.16	-	-	19.25	23.48	-4.23	3.60	22.85	29.48	-6.63
5700	17.820	16.01	16.28	-	-	19.16	23.51	-4.35	3.60	22.76	29.51	-6.75
5720	13.760	15.09	15.42	-	-	18.27	22.39	-4.12	3.60	21.87	28.39	-6.52

Table 430 - ISD Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	89.7
Modulation Coding Scheme:	MCS10	DCCF (dB):	0.47
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.60
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5510	42.240	15.17	15.40	-	-	18.30	24.00	-5.70
5550	41.280	18.65	18.52	-	-	21.60	24.00	-2.40
5670	43.080	17.64	17.66	-	-	20.66	24.00	-3.34
5710	35.760	18.60	18.51	-	-	21.56	24.00	-2.44

Table 431 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5510	36.600	15.17	15.40	-	-	18.30	24.00	-5.70	3.60	21.90	30.00	-8.10
5550	36.360	18.65	18.52	-	-	21.60	24.00	-2.40	3.60	25.20	30.00	-4.80
5670	36.600	17.64	17.66	-	-	20.66	24.00	-3.34	3.60	24.26	30.00	-5.74
5710	32.880	18.60	18.51	-	-	21.56	24.00	-2.44	3.60	25.17	30.00	-4.83

Table 432 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	15.407 (a)(2) RSS-247 6.2.3.1	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		
Note(s):	Straddle channel power was measured using the appropriate SA test method. DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	83.5
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.79
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.60
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Minimum 26 dB Bandwidth (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
5530	84.480	13.98	14.17	-	-	17.08	24.00	-6.92
5610	99.660	19.47	19.33	-	-	22.41	24.00	-1.59
5690	76.360	19.65	19.67	-	-	22.67	24.00	-1.33

Table 433 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ						
5530	75.680	13.98	14.17	-	-	17.08	24.00	-6.92	3.60	20.68	30.00	-9.32
5690	72.180	19.65	19.67	-	-	22.67	24.00	-1.33	3.60	26.27	30.00	-3.73

Table 434 - ISSED Maximum Conducted (average) Output Power Results