



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

DUT Configuration			
Mode:	802.11ax HE20 RU106 LPI	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCC (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	-	-1.41	-	-	-1.41	6.82	5.41	24.00	-18.59
6175 (RU106.53)	-0.25	-	-	-	-0.25	5.67	5.42	24.00	-18.58
6415 (RU106.54)	-0.19	-	-	-	-0.19	5.51	5.32	24.00	-18.68
6435 (RU106.53)	0.52	-	-	-	0.52	5.21	5.73	24.00	-18.27
6475 (RU106.53)	0.43	-	-	-	0.43	5.21	5.64	24.00	-18.36
6515 (RU106.54)	0.38	-	-	-	0.38	5.21	5.59	24.00	-18.41
6535 (RU106.53)	-	-0.39	-	-	-0.39	5.85	5.46	24.00	-18.54
6695 (RU106.53)	-	-0.48	-	-	-0.48	5.85	5.37	24.00	-18.63
6855 (RU106.54)	-	-0.11	-	-	-0.11	5.85	5.74	24.00	-18.26
6875 (RU106.53)	-	-0.12	-	-	-0.12	5.85	5.73	24.00	-18.27
6875 (RU106.54)	-0.45	-	-	-	-0.45	5.19	4.74	24.00	-19.26
6895 (RU106.53)	0.38	-	-	-	0.38	5.19	5.57	24.00	-18.43
6995 (RU106.53)	0.65	-	-	-	0.65	5.19	5.84	24.00	-18.16
7095 (RU106.54)	0.39	-	-	-	0.39	5.19	5.58	24.00	-18.42

Table 109 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11a SP	Duty Cycle (%):	97.6
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-	19.35	-	-	19.35	6.82	26.17	30.00	-3.83
6175	20.70	-	-	-	20.70	5.67	26.37	30.00	-3.63
6415	20.47	-	-	-	20.47	5.51	25.98	30.00	-4.02
6435	20.83	-	-	-	20.83	5.21	26.04	30.00	-3.96
6475	20.87	-	-	-	20.87	5.21	26.08	30.00	-3.92
6515	20.79	-	-	-	20.79	5.21	26.00	30.00	-4.00
6535	-	20.05	-	-	20.05	5.85	25.90	30.00	-4.10
6695	-	20.03	-	-	20.03	5.85	25.88	30.00	-4.12
6855	-	20.15	-	-	20.15	5.85	26.00	30.00	-4.00

Table 110 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 SU SP	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-	19.03	-	-	19.03	6.82	25.85	30.00	-4.15
6175	20.66	-	-	-	20.66	5.67	26.33	30.00	-3.67
6415	20.59	-	-	-	20.59	5.51	26.10	30.00	-3.90
6435	20.91	-	-	-	20.91	5.21	26.12	30.00	-3.88
6475	20.83	-	-	-	20.83	5.21	26.04	30.00	-3.96
6515	20.81	-	-	-	20.81	5.21	26.02	30.00	-3.98
6535	-	20.05	-	-	20.05	5.85	25.90	30.00	-4.10
6695	-	20.05	-	-	20.05	5.85	25.90	30.00	-4.10
6855	-	20.29	-	-	20.29	5.85	26.14	30.00	-3.86

Table 111 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE40 SU SP	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	-	20.13	-	-	20.13	6.82	26.95	30.00	-3.05
6165	21.15	-	-	-	21.15	5.67	26.82	30.00	-3.18
6405	21.07	-	-	-	21.07	5.51	26.58	30.00	-3.42
6445	21.21	-	-	-	21.21	5.21	26.42	30.00	-3.58
6485	21.02	-	-	-	21.02	5.21	26.23	30.00	-3.77
6525	-	21.02	-	-	21.02	5.85	26.87	30.00	-3.13
6565	-	21.07	-	-	21.07	5.85	26.92	30.00	-3.08
6685	-	21.08	-	-	21.08	5.85	26.93	30.00	-3.07
6845	-	21.27	-	-	21.27	5.85	27.12	30.00	-2.88

Table 112 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE80 SU SP	Duty Cycle (%):	95.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	-	20.59	-	-	20.59	6.82	27.41	30.00	-2.59
6145	21.28	-	-	-	21.28	5.67	26.95	30.00	-3.05
6385	21.11	-	-	-	21.11	5.51	26.62	30.00	-3.38
6465	21.03	-	-	-	21.03	5.21	26.24	30.00	-3.76
6545	-	21.47	-	-	21.47	5.85	27.32	30.00	-2.68
6625	-	21.06	-	-	21.06	5.85	26.91	30.00	-3.09
6705	-	21.00	-	-	21.00	5.85	26.85	30.00	-3.15
6785	-	21.02	-	-	21.02	5.85	26.87	30.00	-3.13

Table 113 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE160 SU SP	Duty Cycle (%):	92.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	-	19.32	-	-	19.32	6.82	26.14	30.00	-3.86
6185	19.45	-	-	-	19.45	5.67	25.12	30.00	-4.88
6345	19.21	-	-	-	19.21	5.51	24.72	30.00	-5.28
6505	-	18.67	-	-	18.67	5.85	24.52	30.00	-5.48
6665	-	18.55	-	-	18.55	5.85	24.40	30.00	-5.60

Table 114 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 RU26 SP	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU26.0)	-	10.26	-	-	10.26	6.82	17.08	30.00	-12.92
6175 (RU26.0)	11.65	-	-	-	11.65	5.67	17.32	30.00	-12.68
6415 (RU26.8)	11.73	-	-	-	11.73	5.51	17.24	30.00	-12.76
6435 (RU26.0)	12.12	-	-	-	12.12	5.21	17.33	30.00	-12.67
6475 (RU26.0)	11.99	-	-	-	11.99	5.21	17.20	30.00	-12.80
6515 (RU26.8)	12.20	-	-	-	12.20	5.21	17.41	30.00	-12.59
6535 (RU26.0)	-	11.25	-	-	11.25	5.85	17.10	30.00	-12.90
6695 (RU26.0)	-	11.41	-	-	11.41	5.85	17.26	30.00	-12.74
6855 (RU26.8)	-	11.17	-	-	11.17	5.85	17.02	30.00	-12.98

Table 115 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 RU52 SP	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU52.37)	-	13.47	-	-	13.47	6.82	20.29	30.00	-9.71
6175 (RU52.37)	14.70	-	-	-	14.70	5.67	20.37	30.00	-9.63
6415 (RU52.40)	14.42	-	-	-	14.42	5.51	19.93	30.00	-10.07
6435 (RU52.37)	15.23	-	-	-	15.23	5.21	20.44	30.00	-9.56
6475 (RU52.37)	14.99	-	-	-	14.99	5.21	20.20	30.00	-9.80
6515 (RU52.40)	14.93	-	-	-	14.93	5.21	20.14	30.00	-9.86
6535 (RU52.37)	-	14.28	-	-	14.28	5.85	20.13	30.00	-9.87
6695 (RU52.37)	-	14.02	-	-	14.02	5.85	19.87	30.00	-10.13
6855 (RU52.40)	-	14.07	-	-	14.07	5.85	19.92	30.00	-10.08

Table 116 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 RU106 SP	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	-	16.42	-	-	16.42	6.82	23.24	30.00	-6.76
6175 (RU106.53)	17.47	-	-	-	17.47	5.67	23.14	30.00	-6.86
6415 (RU106.54)	17.47	-	-	-	17.47	5.51	22.98	30.00	-7.02
6435 (RU106.53)	18.00	-	-	-	18.00	5.21	23.21	30.00	-6.79
6475 (RU106.53)	17.88	-	-	-	17.88	5.21	23.09	30.00	-6.91
6515 (RU106.54)	18.10	-	-	-	18.10	5.21	23.31	30.00	-6.69
6535 (RU106.53)	-	17.38	-	-	17.38	5.85	23.23	30.00	-6.77
6695 (RU106.53)	-	17.08	-	-	17.08	5.85	22.93	30.00	-7.07
6855 (RU106.54)	-	17.26	-	-	17.26	5.85	23.11	30.00	-6.89

Table 117 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11a VLP	Duty Cycle (%):	97.7
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.85
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6115	-0.91	-	-	-	-0.91	5.67	4.76	14.00	-9.24
6255	-0.86	-	-	-	-0.86	5.67	4.81	14.00	-9.19
6415	-1.17	-	-	-	-1.17	5.51	4.34	14.00	-9.66
6535	-	-1.12	-	-	-1.12	5.85	4.73	14.00	-9.27
6695	-	-1.07	-	-	-1.07	5.85	4.78	14.00	-9.22
6855	-	-1.42	-	-	-1.42	5.85	4.43	14.00	-9.57

Table 118 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 SU VLP	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.85
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6115	-1.06	-	-	-	-1.06	5.67	4.61	14.00	-9.39
6255	-0.80	-	-	-	-0.80	5.67	4.87	14.00	-9.13
6415	-0.89	-	-	-	-0.89	5.51	4.62	14.00	-9.38
6535	-	-1.43	-	-	-1.43	5.85	4.42	14.00	-9.58
6695	-	-1.35	-	-	-1.35	5.85	4.50	14.00	-9.50
6855	-	-1.22	-	-	-1.22	5.85	4.63	14.00	-9.37

Table 119 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE40 SU VLP	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.85
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6125	1.61	-	-	-	1.61	5.67	7.28	14.00	-6.72
6245	1.74	-	-	-	1.74	5.67	7.41	14.00	-6.59
6405	1.30	-	-	-	1.30	5.51	6.81	14.00	-7.19
6565	-	1.04	-	-	1.04	5.85	6.89	14.00	-7.11
6685	-	1.24	-	-	1.24	5.85	7.09	14.00	-6.91
6845	-	1.24	-	-	1.24	5.85	7.09	14.00	-6.91

Table 120 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE80 SU VLP	Duty Cycle (%):	95.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.85
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6145	4.67	-	-	-	4.67	5.67	10.34	14.00	-3.66
6225	4.66	-	-	-	4.66	5.67	10.33	14.00	-3.67
6385	4.26	-	-	-	4.26	5.51	9.77	14.00	-4.23
6625	-	4.10	-	-	4.10	5.85	9.95	14.00	-4.05
6705	-	4.19	-	-	4.19	5.85	10.04	14.00	-3.96
6785	-	4.02	-	-	4.02	5.85	9.87	14.00	-4.13

Table 121 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE160 SU VLP	Duty Cycle (%):	92.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.85
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6185	7.08	-	-	-	7.08	5.67	12.75	14.00	-1.25
6345	6.82	-	-	-	6.82	5.51	12.33	14.00	-1.67
6665	-	6.57	-	-	6.57	5.85	12.42	14.00	-1.58

Table 122 - Maximum Conducted (average) Output Power Results



MIMO CDD

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

DUT Configuration			
Mode:	802.11ax HE20 SU LPI	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-4.14	-3.95	-	-	-1.03	6.82	5.79	24.00	-18.21
6175	-3.53	-2.59	-	-	-0.02	5.67	5.65	24.00	-18.35
6415	-2.25	-2.58	-	-	0.60	5.51	6.11	24.00	-17.89
6435	-2.40	-2.67	-	-	0.48	5.21	5.69	24.00	-18.31
6475	-2.49	-2.60	-	-	0.46	5.21	5.67	24.00	-18.33
6515	-2.30	-2.28	-	-	0.72	5.21	5.93	24.00	-18.07
6535	-3.10	-3.03	-	-	-0.06	5.85	5.79	24.00	-18.21
6695	-2.98	-3.25	-	-	-0.10	5.85	5.75	24.00	-18.25
6855	-3.30	-3.60	-	-	-0.44	5.85	5.41	24.00	-18.59
6875	-2.75	-3.16	-	-	0.06	5.85	5.91	24.00	-18.09
6895	-1.80	-2.26	-	-	0.99	5.19	6.18	24.00	-17.82
6995	-1.90	-2.05	-	-	1.04	5.19	6.23	24.00	-17.77
7095	-2.50	-2.15	-	-	0.69	5.19	5.88	24.00	-18.12

Table 123 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE40 SU LPI	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	-1.32	-1.61	-	-	1.55	6.82	8.37	24.00	-15.63
6165	-0.35	0.05	-	-	2.86	5.67	8.53	24.00	-15.47
6405	0.24	0.22	-	-	3.24	5.51	8.75	24.00	-15.25
6445	-0.21	-0.01	-	-	2.90	5.21	8.11	24.00	-15.89
6485	-0.30	0.12	-	-	2.92	5.21	8.13	24.00	-15.87
6525	-0.69	-0.31	-	-	2.52	5.21	7.73	24.00	-16.27
6565	-0.79	-0.67	-	-	2.28	5.85	8.13	24.00	-15.87
6685	-0.46	-0.80	-	-	2.38	5.85	8.23	24.00	-15.77
6845	-0.55	-0.93	-	-	2.27	5.85	8.12	24.00	-15.88
6885	-0.56	-1.14	-	-	2.17	5.85	8.02	24.00	-15.98
6925	0.73	0.31	-	-	3.54	5.19	8.73	24.00	-15.27
7005	0.71	-0.48	-	-	3.16	5.19	8.35	24.00	-15.65
7085	0.44	-0.03	-	-	3.22	5.19	8.41	24.00	-15.59

Table 124 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	Duty Cycle (%):	95.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	1.07	1.37	-	-	4.23	6.82	11.05	24.00	-12.95
6145	2.55	2.95	-	-	5.76	5.67	11.43	24.00	-12.57
6385	3.19	2.90	-	-	6.06	5.51	11.57	24.00	-12.43
6465	2.98	2.77	-	-	5.89	5.21	11.10	24.00	-12.90
6545	2.35	1.67	-	-	5.03	5.85	10.88	24.00	-13.12
6625	2.73	2.53	-	-	5.64	5.85	11.49	24.00	-12.51
6705	2.38	2.27	-	-	5.34	5.85	11.19	24.00	-12.81
6785	2.54	1.78	-	-	5.19	5.85	11.04	24.00	-12.96
6865	2.25	1.54	-	-	4.92	5.85	10.77	24.00	-13.23
6945	3.47	3.56	-	-	6.52	5.19	11.71	24.00	-12.29
7025	3.34	3.31	-	-	6.34	5.19	11.53	24.00	-12.47

Table 125 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE160 SU LPI	Duty Cycle (%):	92.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	4.41	4.56	-	-	7.50	6.82	14.32	24.00	-9.68
6185	6.00	5.95	-	-	8.99	5.67	14.66	24.00	-9.34
6345	6.19	5.74	-	-	8.98	5.51	14.49	24.00	-9.51
6505	5.50	5.37	-	-	8.45	5.21	13.66	24.00	-10.34
6665	5.52	5.45	-	-	8.49	5.85	14.34	24.00	-9.66
6825	5.69	5.32	-	-	8.52	5.85	14.37	24.00	-9.63
6985	6.70	6.47	-	-	9.60	5.19	14.79	24.00	-9.21

Table 126 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 RU52 LPI	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.67
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6115 (RU52.37)	-9.55	-8.55	-	-	-6.01	5.67	-0.34	24.00	-24.34
6255 (RU52.37)	-9.16	-8.54	-	-	-5.83	5.67	-0.16	24.00	-24.16
6415 (RU52.40)	-8.66	-8.76	-	-	-5.70	5.51	-0.19	24.00	-24.19
6435 (RU52.37)	-8.60	-8.69	-	-	-5.63	5.21	-0.42	24.00	-24.42
6475 (RU52.37)	-8.67	-8.62	-	-	-5.63	5.21	-0.42	24.00	-24.42
6515 (RU52.40)	-8.88	-8.72	-	-	-5.79	5.21	-0.58	24.00	-24.58
6895 (RU52.37)	-7.87	-7.95	-	-	-4.90	5.19	0.29	24.00	-23.71
6995 (RU52.37)	-8.14	-7.98	-	-	-5.05	5.19	0.14	24.00	-23.86
7095 (RU52.40)	-8.65	-8.08	-	-	-5.35	5.19	-0.16	24.00	-24.16

Table 127 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 RU106 LPI	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCC (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	-6.98	-6.87	-	-	-3.91	6.82	2.91	24.00	-21.09
6175 (RU106.53)	-6.24	-5.50	-	-	-2.84	5.67	2.83	24.00	-21.17
6415 (RU106.54)	-5.62	-5.90	-	-	-2.75	5.51	2.76	24.00	-21.24
6435 (RU106.53)	-5.57	-5.85	-	-	-2.70	5.21	2.51	24.00	-21.49
6475 (RU106.53)	-5.61	-5.73	-	-	-2.66	5.21	2.55	24.00	-21.45
6515 (RU106.54)	-5.41	-5.43	-	-	-2.41	5.21	2.80	24.00	-21.20
6535 (RU106.53)	-6.20	-6.28	-	-	-3.23	5.85	2.62	24.00	-21.38
6695 (RU106.53)	-6.01	-6.16	-	-	-3.08	5.85	2.77	24.00	-21.23
6855 (RU106.54)	-5.75	-6.21	-	-	-2.96	5.85	2.89	24.00	-21.11
6875 (RU106.53)	-5.80	-6.28	-	-	-3.02	5.85	2.83	24.00	-21.17
6875 (RU106.54)	-5.82	-6.28	-	-	-3.03	5.19	2.16	24.00	-21.84
6895 (RU106.53)	-4.80	-5.21	-	-	-1.99	5.19	3.20	24.00	-20.80
6995 (RU106.53)	-5.08	-5.25	-	-	-2.16	5.19	3.03	24.00	-20.97
7095 (RU106.54)	-5.45	-5.04	-	-	-2.23	5.19	2.96	24.00	-21.04

Table 128 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 SU SP	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	13.25	13.09	-	-	16.18	6.82	23.00	30.00	-7.00
6175	14.58	14.83	-	-	17.72	5.67	23.39	30.00	-6.61
6415	14.91	15.04	-	-	17.99	5.51	23.50	30.00	-6.50
6435	14.91	14.81	-	-	17.87	5.21	23.08	30.00	-6.92
6475	14.44	14.91	-	-	17.69	5.21	22.90	30.00	-7.10
6515	14.53	14.80	-	-	17.68	5.21	22.89	30.00	-7.11
6535	14.38	14.10	-	-	17.25	5.85	23.10	30.00	-6.90
6695	14.26	14.38	-	-	17.33	5.85	23.18	30.00	-6.82
6855	14.28	14.64	-	-	17.47	5.85	23.32	30.00	-6.68

Table 129 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE40 SU SP	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	16.30	16.26	-	-	19.29	6.82	26.11	30.00	-3.89
6165	17.79	17.97	-	-	20.89	5.67	26.56	30.00	-3.44
6405	17.89	17.76	-	-	20.83	5.51	26.34	30.00	-3.66
6445	17.91	17.86	-	-	20.89	5.21	26.10	30.00	-3.90
6485	17.90	17.93	-	-	20.93	5.21	26.14	30.00	-3.86
6525	17.60	17.61	-	-	20.62	5.21	25.83	30.00	-4.17
6565	17.30	17.63	-	-	20.48	5.85	26.33	30.00	-3.67
6685	17.14	17.47	-	-	20.32	5.85	26.17	30.00	-3.83
6845	17.45	17.66	-	-	20.56	5.85	26.41	30.00	-3.59

Table 130 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE80 SU SP	Duty Cycle (%):	95.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	18.74	18.69	-	-	21.73	6.82	28.55	30.00	-1.45
6145	19.74	20.09	-	-	22.93	5.67	28.60	30.00	-1.40
6385	20.07	19.58	-	-	22.84	5.51	28.35	30.00	-1.65
6465	20.23	20.27	-	-	23.26	5.21	28.47	30.00	-1.53
6545	19.52	19.51	-	-	22.53	5.85	28.38	30.00	-1.62
6625	19.44	19.55	-	-	22.51	5.85	28.36	30.00	-1.64
6705	19.59	19.52	-	-	22.56	5.85	28.41	30.00	-1.59
6785	19.72	19.56	-	-	22.65	5.85	28.50	30.00	-1.50

Table 131 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE160 SU SP	Duty Cycle (%):	92.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	18.64	18.85	-	-	21.76	6.82	28.58	30.00	-1.42
6185	19.22	19.23	-	-	22.24	5.67	27.91	30.00	-2.09
6345	19.02	18.72	-	-	21.88	5.51	27.39	30.00	-2.61
6505	18.56	18.70	-	-	21.64	5.21	26.85	30.00	-3.15
6665	18.50	18.95	-	-	21.74	5.85	27.59	30.00	-2.41

Table 132 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 RU26 SP	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU26.0)	4.45	4.54	-	-	7.51	6.82	14.33	30.00	-15.67
6175 (RU26.0)	5.71	5.88	-	-	8.81	5.67	14.48	30.00	-15.52
6415 (RU26.8)	6.20	5.90	-	-	9.06	5.51	14.57	30.00	-15.43
6435 (RU26.0)	5.84	6.04	-	-	8.95	5.21	14.16	30.00	-15.84
6475 (RU26.0)	5.84	5.83	-	-	8.84	5.21	14.05	30.00	-15.95
6515 (RU26.8)	5.73	5.84	-	-	8.80	5.21	14.01	30.00	-15.99
6535 (RU26.0)	5.26	5.32	-	-	8.30	5.85	14.15	30.00	-15.85
6695 (RU26.0)	5.50	5.69	-	-	8.60	5.85	14.45	30.00	-15.55
6855 (RU26.8)	5.22	5.59	-	-	8.42	5.85	14.27	30.00	-15.73

Table 133 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 RU52 SP	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU52.37)	7.37	7.58	-	-	10.49	6.82	17.31	30.00	-12.69
6175 (RU52.37)	8.73	9.14	-	-	11.95	5.67	17.62	30.00	-12.38
6415 (RU52.40)	8.91	9.03	-	-	11.98	5.51	17.49	30.00	-12.51
6435 (RU52.37)	8.93	9.16	-	-	12.06	5.21	17.27	30.00	-12.73
6475 (RU52.37)	8.76	9.18	-	-	11.98	5.21	17.19	30.00	-12.81
6515 (RU52.40)	8.89	9.12	-	-	12.02	5.21	17.23	30.00	-12.77
6535 (RU52.37)	8.45	8.66	-	-	11.57	5.85	17.42	30.00	-12.58
6695 (RU52.37)	8.10	8.52	-	-	11.32	5.85	17.17	30.00	-12.83
6855 (RU52.40)	8.06	8.32	-	-	11.20	5.85	17.05	30.00	-12.95

Table 134 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 RU106 SP	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	10.61	10.34	-	-	13.49	6.82	20.31	30.00	-9.69
6175 (RU106.53)	12.04	12.09	-	-	15.08	5.67	20.75	30.00	-9.25
6415 (RU106.54)	12.25	11.95	-	-	15.11	5.51	20.62	30.00	-9.38
6435 (RU106.53)	11.96	12.10	-	-	15.04	5.21	20.25	30.00	-9.75
6475 (RU106.53)	12.04	12.11	-	-	15.09	5.21	20.30	30.00	-9.70
6515 (RU106.54)	11.67	11.89	-	-	14.79	5.21	20.00	30.00	-10.00
6535 (RU106.53)	11.50	11.62	-	-	14.57	5.85	20.42	30.00	-9.58
6695 (RU106.53)	11.41	11.73	-	-	14.58	5.85	20.43	30.00	-9.57
6855 (RU106.54)	11.05	11.31	-	-	14.20	5.85	20.05	30.00	-9.95

Table 135 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE80 SU VLP	Duty Cycle (%):	95.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.85
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6145	-2.80	-1.15	-	-	1.11	5.67	6.78	14.00	-7.22
6225	-2.32	-1.18	-	-	1.30	5.67	6.97	14.00	-7.03
6385	-2.15	-1.14	-	-	1.39	5.51	6.90	14.00	-7.10
6625	-2.20	-1.49	-	-	1.18	5.85	7.03	14.00	-6.97
6705	-1.92	-1.62	-	-	1.24	5.85	7.09	14.00	-6.91
6785	-1.43	-1.72	-	-	1.44	5.85	7.29	14.00	-6.71

Table 136 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE160 SU VLP	Duty Cycle (%):	92.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.85
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6185	2.12	2.18	-	-	5.16	5.67	10.83	14.00	-3.17
6345	0.91	1.69	-	-	4.33	5.51	9.84	14.00	-4.16
6665	1.14	1.47	-	-	4.32	5.85	10.17	14.00	-3.83

Table 137 - Maximum Conducted (average) Output Power Results



MIMO SDM

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

DUT Configuration			
Mode:	802.11ax HE20 SU LPI	Duty Cycle (%):	93.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-1.15	-0.97	-	-	1.95	6.62	8.58	24.00	-15.42
6175	-0.50	0.48	-	-	3.03	5.15	8.18	24.00	-15.82
6415	0.26	0.02	-	-	3.15	5.19	8.35	24.00	-15.65
6435	0.61	0.33	-	-	3.48	5.07	8.55	24.00	-15.45
6475	0.52	0.37	-	-	3.46	5.07	8.52	24.00	-15.48
6515	0.45	0.54	-	-	3.51	5.07	8.57	24.00	-15.43
6535	-0.18	-0.35	-	-	2.74	5.52	8.26	24.00	-15.74
6695	-0.02	-0.15	-	-	2.93	5.52	8.45	24.00	-15.55
6855	0.16	-0.16	-	-	3.02	5.52	8.54	24.00	-15.46
6875	0.11	-0.26	-	-	2.94	5.52	8.46	24.00	-15.54
6895	1.16	0.81	-	-	4.00	4.58	8.59	24.00	-15.41
6995	1.05	1.05	-	-	4.06	4.58	8.64	24.00	-15.36
7095	0.60	0.94	-	-	3.78	4.58	8.37	24.00	-15.63

Table 138 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE40 SU LPI	Duty Cycle (%):	93.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	1.58	1.48	-	-	4.54	6.62	11.16	24.00	-12.84
6165	2.94	3.14	-	-	6.05	5.15	11.20	24.00	-12.80
6405	2.90	2.92	-	-	5.92	5.19	11.12	24.00	-12.88
6445	2.96	2.97	-	-	5.98	5.07	11.04	24.00	-12.96
6485	3.25	3.02	-	-	6.15	5.07	11.21	24.00	-12.79
6525	2.45	2.75	-	-	5.62	5.07	10.68	24.00	-13.32
6565	2.24	2.35	-	-	5.31	5.52	10.82	24.00	-13.18
6685	2.46	2.11	-	-	5.29	5.52	10.81	24.00	-13.19
6845	2.59	2.05	-	-	5.34	5.52	10.85	24.00	-13.15
6885	2.72	2.33	-	-	5.54	5.52	11.06	24.00	-12.94
6925	3.47	3.41	-	-	6.45	4.58	11.04	24.00	-12.96
7005	3.25	3.30	-	-	6.29	4.58	10.87	24.00	-13.13
7085	3.40	3.28	-	-	6.35	4.58	10.93	24.00	-13.07

Table 139 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	Duty Cycle (%):	92.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	4.60	4.73	-	-	7.68	6.62	14.30	24.00	-9.70
6145	5.67	6.06	-	-	8.88	5.15	14.04	24.00	-9.96
6385	6.16	5.52	-	-	8.86	5.19	14.06	24.00	-9.94
6465	6.15	5.90	-	-	9.04	5.07	14.11	24.00	-9.89
6545	5.69	4.96	-	-	8.35	5.52	13.87	24.00	-10.13
6625	5.36	5.27	-	-	8.33	5.52	13.84	24.00	-10.16
6705	5.33	4.97	-	-	8.16	5.52	13.68	24.00	-10.32
6785	5.51	5.06	-	-	8.30	5.52	13.82	24.00	-10.18
6865	5.74	5.75	-	-	8.76	5.52	14.28	24.00	-9.72
6945	6.59	6.53	-	-	9.57	4.58	14.15	24.00	-9.85
7025	6.48	6.55	-	-	9.53	4.58	14.11	24.00	-9.89

Table 140 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE160 SU LPI	Duty Cycle (%):	89.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	7.35	7.51	-	-	10.44	6.62	17.07	24.00	-6.93
6185	8.78	8.98	-	-	11.89	5.15	17.05	24.00	-6.95
6345	8.81	8.65	-	-	11.74	5.19	16.93	24.00	-7.07
6505	8.44	8.30	-	-	11.38	5.07	16.45	24.00	-7.55
6665	8.05	8.72	-	-	11.41	5.52	16.93	24.00	-7.07
6825	8.62	8.47	-	-	11.56	5.52	17.08	24.00	-6.92
6985	9.42	9.33	-	-	12.38	4.58	16.97	24.00	-7.03

Table 141 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 RU26 LPI	Duty Cycle (%):	96.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.19
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6115 (RU26.0)	-9.53	-8.47	-	-	-5.96	5.15	-0.80	24.00	-24.80
6255 (RU26.0)	-9.80	-8.71	-	-	-6.21	5.15	-1.06	24.00	-25.06
6415 (RU26.8)	-8.79	-8.60	-	-	-5.68	5.19	-0.49	24.00	-24.49
6435 (RU26.0)	-8.89	-8.70	-	-	-5.78	5.07	-0.72	24.00	-24.72
6475 (RU26.0)	-8.62	-8.55	-	-	-5.57	5.07	-0.51	24.00	-24.51
6515 (RU26.8)	-8.60	-8.61	-	-	-5.60	5.07	-0.53	24.00	-24.53
6895 (RU26.0)	-8.25	-8.51	-	-	-5.37	4.58	-0.78	24.00	-24.78
6995 (RU26.0)	-8.15	-8.11	-	-	-5.12	4.58	-0.53	24.00	-24.53
7095 (RU26.8)	-8.84	-8.19	-	-	-5.49	4.58	-0.91	24.00	-24.91

Table 142 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 RU52 LPI	Duty Cycle (%):	96.9
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU52.37)	-7.54	-7.22	-	-	-4.37	6.62	2.26	24.00	-21.74
6175 (RU52.37)	-6.71	-5.67	-	-	-3.15	5.15	2.00	24.00	-22.00
6415 (RU52.40)	-5.46	-5.53	-	-	-2.48	5.19	2.71	24.00	-21.29
6435 (RU52.37)	-5.71	-5.74	-	-	-2.71	5.07	2.35	24.00	-21.65
6475 (RU52.37)	-5.75	-5.59	-	-	-2.66	5.07	2.41	24.00	-21.59
6515 (RU52.40)	-5.97	-5.74	-	-	-2.84	5.07	2.22	24.00	-21.78
6535 (RU52.37)	-6.34	-6.17	-	-	-3.24	5.52	2.28	24.00	-21.72
6695 (RU52.37)	-6.16	-6.07	-	-	-3.10	5.52	2.42	24.00	-21.58
6855 (RU52.40)	-5.92	-6.18	-	-	-3.04	5.52	2.48	24.00	-21.52
6875 (RU52.38)	-5.82	-6.41	-	-	-3.09	5.52	2.43	24.00	-21.57
6875 (RU52.39)	-6.00	-6.56	-	-	-3.26	4.58	1.32	24.00	-22.68
6895 (RU52.37)	-4.94	-5.08	-	-	-2.00	4.58	2.59	24.00	-21.41
6995 (RU52.37)	-5.25	-5.13	-	-	-2.18	4.58	2.40	24.00	-21.60
7095 (RU52.40)	-5.58	-4.94	-	-	-2.24	4.58	2.35	24.00	-21.65

Table 143 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 RU106 LPI	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x2	DCCC (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	-4.14	-3.88	-	-	-1.00	6.62	5.63	24.00	-18.37
6175 (RU106.53)	-3.66	-2.64	-	-	-0.11	5.15	5.05	24.00	-18.95
6415 (RU106.54)	-2.64	-2.91	-	-	0.24	5.19	5.43	24.00	-18.57
6435 (RU106.53)	-2.60	-2.85	-	-	0.29	5.07	5.36	24.00	-18.64
6475 (RU106.53)	-2.65	-2.76	-	-	0.31	5.07	5.37	24.00	-18.63
6515 (RU106.54)	-2.43	-2.43	-	-	0.58	5.07	5.65	24.00	-18.35
6535 (RU106.53)	-3.21	-3.12	-	-	-0.16	5.52	5.36	24.00	-18.64
6695 (RU106.53)	-3.10	-3.31	-	-	-0.19	5.52	5.33	24.00	-18.67
6855 (RU106.54)	-2.81	-3.21	-	-	0.01	5.52	5.53	24.00	-18.47
6875 (RU106.53)	-2.81	-3.26	-	-	-0.02	5.52	5.50	24.00	-18.50
6875 (RU106.54)	-2.85	-3.26	-	-	-0.04	4.58	4.54	24.00	-19.46
6895 (RU106.53)	-1.89	-2.34	-	-	0.90	4.58	5.49	24.00	-18.51
6995 (RU106.53)	-2.19	-2.42	-	-	0.71	4.58	5.29	24.00	-18.71
7095 (RU106.54)	-2.52	-2.12	-	-	0.69	4.58	5.28	24.00	-18.72

Table 144 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 SU SP	Duty Cycle (%):	93.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	16.37	16.32	-	-	19.36	6.62	25.98	30.00	-4.02
6175	17.77	17.80	-	-	20.79	5.15	25.95	30.00	-4.05
6415	17.98	17.67	-	-	20.83	5.19	26.03	30.00	-3.97
6435	17.91	17.87	-	-	20.90	5.07	25.97	30.00	-4.03
6475	17.92	17.89	-	-	20.92	5.07	25.98	30.00	-4.02
6515	17.99	18.07	-	-	21.04	5.07	26.10	30.00	-3.90
6535	17.32	17.46	-	-	20.40	5.52	25.92	30.00	-4.08
6695	17.34	17.41	-	-	20.39	5.52	25.91	30.00	-4.09
6855	17.21	17.56	-	-	20.40	5.52	25.92	30.00	-4.08

Table 145 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE40 SU SP	Duty Cycle (%):	93.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	19.12	18.93	-	-	22.03	6.62	28.66	30.00	-1.34
6165	20.06	20.27	-	-	23.18	5.15	28.33	30.00	-1.67
6405	20.55	20.42	-	-	23.50	5.19	28.69	30.00	-1.31
6445	20.29	20.40	-	-	23.36	5.07	28.42	30.00	-1.58
6485	20.19	20.30	-	-	23.26	5.07	28.32	30.00	-1.68
6525	19.56	19.99	-	-	22.79	5.07	27.86	30.00	-2.14
6565	19.74	20.02	-	-	22.89	5.52	28.41	30.00	-1.59
6685	19.83	19.96	-	-	22.91	5.52	28.42	30.00	-1.58
6845	19.81	19.96	-	-	22.90	5.52	28.42	30.00	-1.58

Table 146 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE80 SU SP	Duty Cycle (%):	92.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	18.93	18.97	-	-	21.96	6.62	28.59	30.00	-1.41
6145	20.09	20.71	-	-	23.42	5.15	28.58	30.00	-1.42
6385	20.44	20.21	-	-	23.34	5.19	28.53	30.00	-1.47
6465	20.23	20.26	-	-	23.26	5.07	28.32	30.00	-1.68
6545	19.78	20.01	-	-	22.91	5.52	28.43	30.00	-1.57
6625	19.63	20.05	-	-	22.85	5.52	28.37	30.00	-1.63
6705	19.72	19.82	-	-	22.78	5.52	28.30	30.00	-1.70
6785	19.66	19.90	-	-	22.79	5.52	28.31	30.00	-1.69

Table 147 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE160 SU SP	Duty Cycle (%):	89.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	18.72	18.79	-	-	21.77	6.62	28.39	30.00	-1.61
6185	19.33	19.13	-	-	22.24	5.15	27.40	30.00	-2.60
6345	19.10	18.87	-	-	22.00	5.19	27.19	30.00	-2.81
6505	18.45	18.81	-	-	21.65	5.07	26.71	30.00	-3.29
6665	18.48	18.77	-	-	21.64	5.52	27.16	30.00	-2.84

Table 148 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 RU26 SP	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU26.0)	7.28	7.47	-	-	10.39	6.62	17.01	30.00	-12.99
6175 (RU26.0)	8.64	9.07	-	-	11.87	5.15	17.02	30.00	-12.98
6415 (RU26.8)	9.01	8.97	-	-	12.00	5.19	17.20	30.00	-12.80
6435 (RU26.0)	8.67	9.09	-	-	11.90	5.07	16.96	30.00	-13.04
6475 (RU26.0)	9.09	9.10	-	-	12.10	5.07	17.17	30.00	-12.83
6515 (RU26.8)	8.72	9.04	-	-	11.89	5.07	16.96	30.00	-13.04
6535 (RU26.0)	8.35	8.61	-	-	11.49	5.52	17.01	30.00	-12.99
6695 (RU26.0)	8.06	8.46	-	-	11.28	5.52	16.79	30.00	-13.21
6855 (RU26.8)	8.32	8.19	-	-	11.27	5.52	16.79	30.00	-13.21

Table 149 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 RU52 SP	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU52.37)	10.25	10.08	-	-	13.17	6.62	19.80	30.00	-10.20
6175 (RU52.37)	11.95	12.18	-	-	15.08	5.15	20.24	30.00	-9.76
6415 (RU52.40)	11.83	11.84	-	-	14.84	5.19	20.04	30.00	-9.96
6435 (RU52.37)	11.83	11.96	-	-	14.91	5.07	19.98	30.00	-10.02
6475 (RU52.37)	11.92	11.95	-	-	14.94	5.07	20.01	30.00	-9.99
6515 (RU52.40)	11.83	12.14	-	-	15.00	5.07	20.06	30.00	-9.94
6535 (RU52.37)	11.43	11.72	-	-	14.59	5.52	20.11	30.00	-9.89
6695 (RU52.37)	11.48	11.64	-	-	14.57	5.52	20.09	30.00	-9.91
6855 (RU52.40)	10.67	11.56	-	-	14.15	5.52	19.67	30.00	-10.33

Table 150 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 RU106 SP	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	13.55	13.35	-	-	16.46	6.62	23.09	30.00	-6.91
6175 (RU106.53)	14.71	14.88	-	-	17.81	5.15	22.96	30.00	-7.04
6415 (RU106.54)	14.87	14.75	-	-	17.82	5.19	23.02	30.00	-6.98
6435 (RU106.53)	14.78	14.88	-	-	17.84	5.07	22.91	30.00	-7.09
6475 (RU106.53)	14.96	14.88	-	-	17.93	5.07	23.00	30.00	-7.00
6515 (RU106.54)	14.80	15.05	-	-	17.94	5.07	23.00	30.00	-7.00
6535 (RU106.53)	14.37	14.42	-	-	17.40	5.52	22.92	30.00	-7.08
6695 (RU106.53)	14.33	14.69	-	-	17.53	5.52	23.05	30.00	-6.95
6855 (RU106.54)	14.10	14.56	-	-	17.35	5.52	22.86	30.00	-7.14

Table 151 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE40 SU VLP	Duty Cycle (%):	93.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.52
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6125	-1.03	-0.83	-	-	2.08	5.15	7.23	14.00	-6.77
6245	-0.76	-0.99	-	-	2.13	5.15	7.29	14.00	-6.71
6405	-1.21	-1.72	-	-	1.55	5.19	6.75	14.00	-7.25
6565	-1.25	-1.49	-	-	1.64	5.52	7.16	14.00	-6.84
6685	-1.54	-2.30	-	-	1.11	5.52	6.62	14.00	-7.38
6845	-1.54	-1.88	-	-	1.31	5.52	6.82	14.00	-7.18

Table 152 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE80 SU VLP	Duty Cycle (%):	92.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.52
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6145	0.16	1.68	-	-	3.99	5.15	9.15	14.00	-4.85
6225	1.58	1.85	-	-	4.72	5.15	9.88	14.00	-4.12
6385	1.43	1.69	-	-	4.57	5.19	9.76	14.00	-4.24
6625	0.64	1.32	-	-	4.00	5.52	9.52	14.00	-4.48
6705	1.59	1.71	-	-	4.66	5.52	10.18	14.00	-3.82
6785	1.41	1.32	-	-	4.37	5.52	9.89	14.00	-4.11

Table 153 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE160 SU VLP	Duty Cycle (%):	89.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.52
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6185	4.58	4.70	-	-	7.65	5.15	12.80	14.00	-1.20
6345	4.61	4.29	-	-	7.46	5.19	12.66	14.00	-1.34
6665	3.71	4.24	-	-	6.99	5.52	12.51	14.00	-1.49

Table 154 - Maximum Conducted (average) Output Power Results



TxBF

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

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	Duty Cycle (%):	88.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	1.72	1.45	-	-	4.60	9.63	14.23	24.00	-9.77
6145	2.26	2.98	-	-	5.65	8.15	13.80	24.00	-10.20
6385	2.56	3.14	-	-	5.87	8.20	14.07	24.00	-9.93
6465	2.78	3.06	-	-	5.93	8.08	14.01	24.00	-9.99
6545	2.02	2.72	-	-	5.39	8.52	13.91	24.00	-10.09
6625	1.78	2.54	-	-	5.19	8.52	13.71	24.00	-10.29
6705	2.49	2.69	-	-	5.60	8.52	14.12	24.00	-9.88
6785	2.66	2.39	-	-	5.54	8.52	14.06	24.00	-9.94
6865	2.66	1.62	-	-	5.18	8.52	13.70	24.00	-10.30
6945	3.47	3.24	-	-	6.37	7.57	13.93	24.00	-10.07
7025	3.35	2.96	-	-	6.17	7.57	13.74	24.00	-10.26

Table 155 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE20 SU SP	Duty Cycle (%):	88.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	13.34	13.46	-	-	16.41	9.63	26.04	30.00	-3.96
6175	14.77	15.01	-	-	17.91	8.15	26.05	30.00	-3.95
6415	14.46	14.89	-	-	17.69	8.20	25.89	30.00	-4.11
6435	14.60	15.05	-	-	17.84	8.08	25.92	30.00	-4.08
6475	14.66	14.90	-	-	17.79	8.08	25.87	30.00	-4.13
6515	14.46	15.20	-	-	17.85	8.08	25.93	30.00	-4.07
6535	14.35	14.39	-	-	17.38	8.52	25.90	30.00	-4.10
6695	14.62	14.47	-	-	17.56	8.52	26.08	30.00	-3.92
6855	14.49	14.26	-	-	17.39	8.52	25.91	30.00	-4.09

Table 156 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE40 SU SP	Duty Cycle (%):	87.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	15.93	16.19	-	-	19.07	9.63	28.70	30.00	-1.30
6165	17.19	17.53	-	-	20.37	8.15	28.52	30.00	-1.48
6405	17.16	17.65	-	-	20.42	8.20	28.62	30.00	-1.38
6445	17.17	17.41	-	-	20.30	8.08	28.38	30.00	-1.62
6485	17.49	17.55	-	-	20.53	8.08	28.61	30.00	-1.39
6525	16.94	17.15	-	-	20.06	8.08	28.13	30.00	-1.87
6565	16.64	17.05	-	-	19.86	8.52	28.38	30.00	-1.62
6685	16.80	16.84	-	-	19.83	8.52	28.36	30.00	-1.64
6845	16.99	16.80	-	-	19.90	8.52	28.42	30.00	-1.58

Table 157 - Maximum Conducted (average) Output Power Results



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

DUT Configuration			
Mode:	802.11ax HE80 SU SP	Duty Cycle (%):	89.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	15.48	15.93	-	-	18.72	9.63	28.35	30.00	-1.65
6145	16.88	17.39	-	-	20.16	8.15	28.30	30.00	-1.70
6385	17.26	17.36	-	-	20.32	8.20	28.52	30.00	-1.48
6465	17.11	17.49	-	-	20.31	8.08	28.39	30.00	-1.61
6545	16.89	17.00	-	-	19.95	8.55	28.50	30.00	-1.50
6625	16.80	16.64	-	-	19.73	8.52	28.26	30.00	-1.74
6705	16.84	16.60	-	-	19.73	8.52	28.25	30.00	-1.75
6785	16.81	16.75	-	-	19.79	8.52	28.31	30.00	-1.69

Table 158 - Maximum Conducted (average) Output Power Results



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

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

ISED RSS-248, Limit Clause 4.5.5

The following limits shall apply to standard client devices:

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

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

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

ISED RSS-248, Limit Clause 4.5.3

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

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

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

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



2.3.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 18 and RF Laboratory 2.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
True RMS Multimeter	Fluke	79 Series III	411	12	12-Jan-2025
Hygrometer	Rotronic	Hygropalm 0	3028	12	12-Aug-2025
Hygrometer	Rotronic	I-1000	3068	12	07-Nov-2024*
Hygrometer	Rotronic	I-1000	3068	12	19-Nov-2025*
1800-6000 MHz Power Splitter	Mini-Circuits	ZN2PD-63-S+	4055	-	O/P Mon
1 MHz / 10 MHz reference	Quartzlock	E10-X	4973	12	03-Sep-2025
AC Programmable Power Supply	iTech	IT7324	5225	-	O/P Mon
AC Programmable Power Supply	iTech	IT7324	5226	-	O/P Mon
Attenuator 5W 30dB DC-18GHz	Aaren	AT40A-4041-D18-30	5505	12	22-Feb-2025
2-Way Power Divider (2-8 GHz)	Aaren	AT30A-TE0208-2-AF	5685	12	02-Jan-2025
USB Power Sensor	Boonton	RTP5008	5820	12	07-Feb-2025
USB Power Sensor	Boonton	RTP5008	5821	12	07-Feb-2025
USB Power Sensor	Boonton	RTP5008	5833	12	26-Jul-2025
USB Power Sensor	Boonton	RTP5008	5834	12	26-Jul-2025
Digital Multimeter	Fluke	115	6145	12	06-Jun-2025
Cable (SMA to SMA 1m)	Junkosha	MWX221/B	6305	12	20-May-2025
Cable (SMA to SMA 3m)	Junkosha	MWX221-03000AMSAMS/A	6317	12	23-May-2025
Humidity and Temperature Meter	R.S Components	1364	6346	12	06-Mar-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6350	12	02-Aug-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6426	12	07-Feb-2025
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	6447	-	O/P Mon
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	6448	-	O/P Mon
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6517	12	22-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6526	12	22-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6527	12	05-Mar-2025
USB Wideband Power Sensor	Boonton	RTP5008	6585	12	20-Feb-2025
USB Wideband Power Sensor	Boonton	RTP5008	6586	12	20-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6638	12	02-Aug-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6639	12	02-Aug-2025



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
AC Programmable Power Supply	iTech	IT7324	6665	-	O/P Mon
WiFi 6E Tri-Band Gaming Router	Asus	GT-AXE110000	6694	-	TU
10dB attenuator	Pasternack	PE-7013-10	6728	12	07-Jan-2025
10dB attenuator	RF-Lambda	RFS5G08B10SMF	6730	12	07-Jan-2025
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
Handheld Hygrometer	Fluke	971	6838	12	27-Aug-2025

Table 159

TU - Traceability Unscheduled

O/P Mon - Output Monitored using calibrated equipment

*NOTE: Only used within calibration period.



2.4 Maximum Conducted Power Spectral Density

2.4.1 Specification Reference

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

2.4.2 Equipment Under Test and Modification State

A3241, S/N: G0Q65Y9HP6 - Modification State 0
A3241, S/N: FWKQMY7GHY - Modification State 0
A3241, S/N: H43VYD6H4D - Modification State 0

2.4.3 Date of Test

28-October-2024 to 22-November-2024

2.4.4 Test Method

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

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

The output power was verified as being the same from each transmit core (within negligible tolerances), but the antenna gains were not identical.

SISO mode 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 using the equation in clause F)2)f)(ii) for CDD with unequal antenna gains with equal transmit powers. CDD uses only one spatial stream so for 2 cores with different gains the equation stated reduced to:

$$\text{CDD Directional Gain} = 10 \cdot \log((10^{(G_1/20)} + 10^{(G_2/20)})^{2/2}).$$

Note this is different to the output power CDD directional gain calculation, since the unintentional beamforming produced by CDD operation is a narrowband effect that averages out over a wideband signal.

SDM uses 2 uncorrelated spatial streams. For SDM modes Directional Gain was hence calculated in accordance with clause F)2)d)(ii) for completely uncorrelated signals with unequal antenna gains and equal transmit powers. The formula therefore reduced to:

$$\text{SDM Directional Gain} = 10 \cdot \log((10^{(G_1/10)} + 10^{(G_2/10)})/2)$$

TxBF uses 1 spatial stream over 2 transmit cores. Therefore the signal was correlated and the gain was calculated in accordance with clause F)2)d)(i) for correlated signals with unequal antenna gains and equal transmit powers. The formula reduces to:

$$\text{TxBF Directional Gain} = 10 \cdot \log((10^{(G_1/20)} + 10^{(G_2/20)})^{2/2})$$

These result in the following gain calculations for power spectral density:



Frequency Range (MHz)	Core 0 Peak Gain (dBi)	Core 1 Peak Gain (dBi)	CDD Directional Gain (Narrowband) (dBi)	SDM Directional Gain (dBi)	TxBF Directional Gain (dBi)
5925 to 6105	6.42	6.82	9.63	6.62	9.63
6105 to 6265	5.67	4.57	8.15	5.15	8.15
6265 to 6425	5.51	4.85	8.20	5.19	8.20
6425 to 6525	5.21	4.92	8.08	5.07	8.08
6525 to 6875	5.16	5.85	8.52	5.52	8.52
6875 to 7125	5.19	3.88	7.57	4.58	7.57

Table 160 - PSD Antenna Gain Calculations

2.4.5 Environmental Conditions

Ambient Temperature 21.3 - 22.5 °C
 Relative Humidity 49.4 - 56.0 %



2.4.6 Test Results

6 GHz WLAN

SISO

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

DUT Configuration			
Mode:	802.11a LPI	Duty Cycle (%):	97.7
Data Rate:	12 Mbps	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-	-9.60	-	-	-9.60	6.82	-2.78	-1.00	-1.78
6175	-8.33	-	-	-	-8.33	5.67	-2.66	-1.00	-1.66
6415	-8.23	-	-	-	-8.23	5.51	-2.72	-1.00	-1.72
6435	-7.87	-	-	-	-7.87	5.21	-2.66	-1.00	-1.66
6475	-8.07	-	-	-	-8.07	5.21	-2.86	-1.00	-1.86
6515	-7.80	-	-	-	-7.80	5.21	-2.59	-1.00	-1.59
6535	-	-8.59	-	-	-8.59	5.85	-2.74	-1.00	-1.74
6695	-	-8.53	-	-	-8.53	5.85	-2.68	-1.00	-1.68
6855	-	-8.99	-	-	-8.99	5.85	-3.14	-1.00	-2.14
6875	-	-8.28	-	-	-8.28	5.85	-2.43	-1.00	-1.43
6895	-7.89	-	-	-	-7.89	5.19	-2.70	-1.00	-1.70
6995	-7.81	-	-	-	-7.81	5.19	-2.62	-1.00	-1.62
7115	-13.12	-	-	-	-13.12	5.19	-7.93	-1.00	-6.93

Table 161 - Maximum Power Spectral Density Results



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

DUT Configuration			
Mode:	802.11ax HE20 SU LPI	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-	-9.61	-	-	-9.61	6.82	-2.79	-1.00	-1.79
6175	-8.54	-	-	-	-8.54	5.67	-2.87	-1.00	-1.87
6415	-8.54	-	-	-	-8.54	5.51	-3.03	-1.00	-2.03
6435	-7.80	-	-	-	-7.80	5.21	-2.59	-1.00	-1.59
6475	-8.15	-	-	-	-8.15	5.21	-2.94	-1.00	-1.94
6515	-8.09	-	-	-	-8.09	5.21	-2.88	-1.00	-1.88
6535	-	-8.98	-	-	-8.98	5.85	-3.13	-1.00	-2.13
6695	-	-8.79	-	-	-8.79	5.85	-2.94	-1.00	-1.94
6855	-	-9.43	-	-	-9.43	5.85	-3.58	-1.00	-2.58
6875	-	-9.20	-	-	-9.20	5.85	-3.35	-1.00	-2.35
6895	-8.30	-	-	-	-8.30	5.19	-3.11	-1.00	-2.11
6995	-8.25	-	-	-	-8.25	5.19	-3.06	-1.00	-2.06
7095	-8.32	-	-	-	-8.32	5.19	-3.13	-1.00	-2.13

Table 162 - Maximum Power Spectral Density Results



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

DUT Configuration			
Mode:	802.11ax HE40 SU LPI	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	-	-10.02	-	-	-10.02	6.82	-3.20	-1.00	-2.20
6165	-8.76	-	-	-	-8.76	5.67	-3.09	-1.00	-2.09
6405	-9.15	-	-	-	-9.15	5.51	-3.64	-1.00	-2.64
6445	-8.42	-	-	-	-8.42	5.21	-3.21	-1.00	-2.21
6485	-8.74	-	-	-	-8.74	5.21	-3.53	-1.00	-2.53
6525	-	-9.53	-	-	-9.53	5.85	-3.68	-1.00	-2.68
6565	-	-9.22	-	-	-9.22	5.85	-3.37	-1.00	-2.37
6685	-	-9.35	-	-	-9.35	5.85	-3.50	-1.00	-2.50
6845	-	-9.28	-	-	-9.28	5.85	-3.43	-1.00	-2.43
6885	-	-9.23	-	-	-9.23	5.85	-3.38	-1.00	-2.38
6925	-8.81	-	-	-	-8.81	5.19	-3.62	-1.00	-2.62
7005	-8.30	-	-	-	-8.30	5.19	-3.11	-1.00	-2.11
7085	-8.70	-	-	-	-8.70	5.19	-3.51	-1.00	-2.51

Table 163 - Maximum Power Spectral Density Results



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

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	Duty Cycle (%):	95.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.20
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	-	-9.98	-	-	-9.98	6.82	-3.16	-1.00	-2.16
6145	-8.90	-	-	-	-8.90	5.67	-3.23	-1.00	-2.23
6385	-8.40	-	-	-	-8.40	5.51	-2.89	-1.00	-1.89
6465	-8.27	-	-	-	-8.27	5.21	-3.06	-1.00	-2.06
6545	-	-9.10	-	-	-9.10	5.85	-3.25	-1.00	-2.25
6625	-	-9.31	-	-	-9.31	5.85	-3.46	-1.00	-2.46
6705	-	-9.16	-	-	-9.16	5.85	-3.31	-1.00	-2.31
6785	-	-8.97	-	-	-8.97	5.85	-3.12	-1.00	-2.12
6865	-	-8.99	-	-	-8.99	5.85	-3.14	-1.00	-2.14
6945	-8.39	-	-	-	-8.39	5.19	-3.20	-1.00	-2.20
7025	-8.22	-	-	-	-8.22	5.19	-3.03	-1.00	-2.03

Table 164 - Maximum Power Spectral Density Results



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

DUT Configuration			
Mode:	802.11ax HE160 SU LPI	Duty Cycle (%):	92.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.33
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	-	-9.99	-	-	-9.99	6.82	-3.17	-1.00	-2.17
6185	-8.16	-	-	-	-8.16	5.67	-2.49	-1.00	-1.49
6345	-8.45	-	-	-	-8.45	5.51	-2.94	-1.00	-1.94
6505	-	-9.37	-	-	-9.37	5.85	-3.52	-1.00	-2.52
6665	-	-8.26	-	-	-8.26	5.85	-2.41	-1.00	-1.41
6825	-	-9.01	-	-	-9.01	5.85	-3.16	-1.00	-2.16
6985	-8.32	-	-	-	-8.32	5.19	-3.13	-1.00	-2.13

Table 165 - Maximum Power Spectral Density Results



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

DUT Configuration			
Mode:	802.11ax HE20 RU26 LPI	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU26.0)	-	-10.32	-	-	-10.32	6.82	-3.50	-1.00	-2.50
6175 (RU26.0)	-9.06	-	-	-	-9.06	5.67	-3.39	-1.00	-2.39
6415 (RU26.8)	-8.81	-	-	-	-8.81	5.51	-3.30	-1.00	-2.30
6435 (RU26.0)	-8.61	-	-	-	-8.61	5.21	-3.40	-1.00	-2.40
6475 (RU26.0)	-8.80	-	-	-	-8.80	5.21	-3.59	-1.00	-2.59
6515 (RU26.8)	-8.62	-	-	-	-8.62	5.21	-3.41	-1.00	-2.41
6535 (RU26.0)	-	-9.17	-	-	-9.17	5.85	-3.32	-1.00	-2.32
6695 (RU26.0)	-	-9.39	-	-	-9.39	5.85	-3.54	-1.00	-2.54
6855 (RU26.8)	-	-9.27	-	-	-9.27	5.85	-3.42	-1.00	-2.42
6875 (RU26.3)	-	-9.28	-	-	-9.28	5.85	-3.43	-1.00	-2.43
6875 (RU26.5)	-10.19	-	-	-	-10.19	5.19	-5.00	-1.00	-4.00
6895 (RU26.0)	-8.94	-	-	-	-8.94	5.19	-3.75	-1.00	-2.75
6995 (RU26.0)	-8.66	-	-	-	-8.66	5.19	-3.47	-1.00	-2.47
7095 (RU26.8)	-8.93	-	-	-	-8.93	5.19	-3.74	-1.00	-2.74

Table 166 - Maximum Power Spectral Density Results



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

DUT Configuration			
Mode:	802.11ax HE20 RU52 LPI	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU52.37)	-	-9.75	-	-	-9.75	6.82	-2.93	-1.00	-1.93
6175 (RU52.37)	-8.81	-	-	-	-8.81	5.67	-3.14	-1.00	-2.14
6415 (RU52.40)	-8.83	-	-	-	-8.83	5.51	-3.32	-1.00	-2.32
6435 (RU52.37)	-8.15	-	-	-	-8.15	5.21	-2.94	-1.00	-1.94
6475 (RU52.37)	-8.48	-	-	-	-8.48	5.21	-3.27	-1.00	-2.27
6515 (RU52.40)	-8.22	-	-	-	-8.22	5.21	-3.01	-1.00	-2.01
6535 (RU52.37)	-	-8.63	-	-	-8.63	5.85	-2.78	-1.00	-1.78
6695 (RU52.37)	-	-9.20	-	-	-9.20	5.85	-3.35	-1.00	-2.35
6855 (RU52.40)	-	-9.04	-	-	-9.04	5.85	-3.19	-1.00	-2.19
6875 (RU52.38)	-	-8.69	-	-	-8.69	5.85	-2.84	-1.00	-1.84
6875 (RU52.39)	-9.59	-	-	-	-9.59	5.19	-4.40	-1.00	-3.40
6895 (RU52.37)	-8.37	-	-	-	-8.37	5.19	-3.18	-1.00	-2.18
6995 (RU52.37)	-8.31	-	-	-	-8.31	5.19	-3.12	-1.00	-2.12
7095 (RU52.40)	-8.46	-	-	-	-8.46	5.19	-3.27	-1.00	-2.27

Table 167 - Maximum Power Spectral Density Results



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

DUT Configuration			
Mode:	802.11ax HE20 RU106 LPI	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.09
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	-	-9.66	-	-	-9.66	6.82	-2.84	-1.00	-1.84
6175 (RU106.53)	-8.64	-	-	-	-8.64	5.67	-2.97	-1.00	-1.97
6415 (RU106.54)	-8.35	-	-	-	-8.35	5.51	-2.84	-1.00	-1.84
6435 (RU106.53)	-7.96	-	-	-	-7.96	5.21	-2.75	-1.00	-1.75
6475 (RU106.53)	-8.04	-	-	-	-8.04	5.21	-2.83	-1.00	-1.83
6515 (RU106.54)	-8.29	-	-	-	-8.29	5.21	-3.08	-1.00	-2.08
6535 (RU106.53)	-	-8.75	-	-	-8.75	5.85	-2.90	-1.00	-1.90
6695 (RU106.53)	-	-9.29	-	-	-9.29	5.85	-3.44	-1.00	-2.44
6855 (RU106.54)	-	-8.61	-	-	-8.61	5.85	-2.76	-1.00	-1.76
6875 (RU106.53)	-	-8.47	-	-	-8.47	5.85	-2.62	-1.00	-1.62
6875 (RU106.54)	-9.20	-	-	-	-9.20	5.19	-4.01	-1.00	-3.01
6895 (RU106.53)	-8.32	-	-	-	-8.32	5.19	-3.13	-1.00	-2.13
6995 (RU106.53)	-7.87	-	-	-	-7.87	5.19	-2.68	-1.00	-1.68
7095 (RU106.54)	-8.30	-	-	-	-8.30	5.19	-3.11	-1.00	-2.11

Table 168 - Maximum Power Spectral Density Results



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

DUT Configuration			
Mode:	802.11a SP	Duty Cycle (%):	97.6
Data Rate:	12 Mbps	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-	8.16	-	-	8.16	6.82	14.98	17.00	-2.02
6175	9.26	-	-	-	9.26	5.67	14.93	17.00	-2.07
6415	9.46	-	-	-	9.46	5.51	14.97	17.00	-2.03
6435	9.76	-	-	-	9.76	5.21	14.97	17.00	-2.03
6475	9.52	-	-	-	9.52	5.21	14.73	17.00	-2.27
6515	9.31	-	-	-	9.31	5.21	14.52	17.00	-2.48
6535	-	8.25	-	-	8.25	5.85	14.10	17.00	-2.90
6695	-	8.69	-	-	8.69	5.85	14.54	17.00	-2.46
6855	-	8.66	-	-	8.66	5.85	14.51	17.00	-2.49

Table 169 - Maximum Power Spectral Density Results



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

DUT Configuration			
Mode:	802.11ax HE20 SU SP	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-	7.45	-	-	7.45	6.82	14.27	17.00	-2.73
6175	8.91	-	-	-	8.91	5.67	14.58	17.00	-2.42
6415	8.64	-	-	-	8.64	5.51	14.15	17.00	-2.85
6435	9.36	-	-	-	9.36	5.21	14.57	17.00	-2.43
6475	9.06	-	-	-	9.06	5.21	14.27	17.00	-2.73
6515	8.97	-	-	-	8.97	5.21	14.18	17.00	-2.82
6535	-	8.19	-	-	8.19	5.85	14.04	17.00	-2.96
6695	-	8.04	-	-	8.04	5.85	13.89	17.00	-3.11
6855	-	8.35	-	-	8.35	5.85	14.20	17.00	-2.80

Table 170 - Maximum Power Spectral Density Results



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

DUT Configuration			
Mode:	802.11ax HE40 SU SP	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	-	5.58	-	-	5.58	6.82	12.40	17.00	-4.60
6165	6.43	-	-	-	6.43	5.67	12.10	17.00	-4.90
6405	6.49	-	-	-	6.49	5.51	12.00	17.00	-5.00
6445	6.89	-	-	-	6.89	5.21	12.10	17.00	-4.90
6485	6.68	-	-	-	6.68	5.21	11.89	17.00	-5.11
6525	-	6.15	-	-	6.15	5.85	12.00	17.00	-5.00
6565	-	6.52	-	-	6.52	5.85	12.37	17.00	-4.63
6685	-	6.27	-	-	6.27	5.85	12.12	17.00	-4.88
6845	-	6.73	-	-	6.73	5.85	12.58	17.00	-4.42

Table 171 - Maximum Power Spectral Density Results



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

DUT Configuration			
Mode:	802.11ax HE80 SU SP	Duty Cycle (%):	95.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.20
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	-	2.92	-	-	2.92	6.82	9.74	17.00	-7.26
6145	3.93	-	-	-	3.93	5.67	9.60	17.00	-7.40
6385	3.71	-	-	-	3.71	5.51	9.22	17.00	-7.78
6465	3.62	-	-	-	3.62	5.21	8.83	17.00	-8.17
6545	-	3.78	-	-	3.78	5.85	9.63	17.00	-7.37
6625	-	3.61	-	-	3.61	5.85	9.46	17.00	-7.54
6705	-	3.39	-	-	3.39	5.85	9.24	17.00	-7.76
6785	-	3.64	-	-	3.64	5.85	9.49	17.00	-7.51

Table 172 - Maximum Power Spectral Density Results



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

DUT Configuration			
Mode:	802.11ax HE160 SU SP	Duty Cycle (%):	92.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.33
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	-	-0.50	-	-	-0.50	6.82	6.32	17.00	-10.68
6185	-0.25	-	-	-	-0.25	5.67	5.42	17.00	-11.58
6345	-0.37	-	-	-	-0.37	5.51	5.14	17.00	-11.86
6505	-	-1.80	-	-	-1.80	5.85	4.05	17.00	-12.95
6665	-	-1.54	-	-	-1.54	5.85	4.31	17.00	-12.69

Table 173 - Maximum Power Spectral Density Results



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

DUT Configuration			
Mode:	802.11ax HE20 RU26 SP	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU26.0)	-	7.34	-	-	7.34	6.82	14.16	17.00	-2.84
6175 (RU26.0)	8.85	-	-	-	8.85	5.67	14.52	17.00	-2.48
6415 (RU26.8)	9.17	-	-	-	9.17	5.51	14.68	17.00	-2.32
6435 (RU26.0)	9.50	-	-	-	9.50	5.21	14.71	17.00	-2.29
6475 (RU26.0)	9.13	-	-	-	9.13	5.21	14.34	17.00	-2.66
6515 (RU26.8)	9.24	-	-	-	9.24	5.21	14.45	17.00	-2.55
6535 (RU26.0)	-	8.07	-	-	8.07	5.85	13.92	17.00	-3.08
6695 (RU26.0)	-	8.24	-	-	8.24	5.85	14.09	17.00	-2.91
6855 (RU26.8)	-	8.85	-	-	8.85	5.85	14.70	17.00	-2.30

Table 174 - Maximum Power Spectral Density Results



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

DUT Configuration			
Mode:	802.11ax HE20 RU52 SP	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU52.37)	-	7.88	-	-	7.88	6.82	14.70	17.00	-2.30
6175 (RU52.37)	8.97	-	-	-	8.97	5.67	14.64	17.00	-2.36
6415 (RU52.40)	9.27	-	-	-	9.27	5.51	14.78	17.00	-2.22
6435 (RU52.37)	9.93	-	-	-	9.93	5.21	15.14	17.00	-1.86
6475 (RU52.37)	9.61	-	-	-	9.61	5.21	14.82	17.00	-2.18
6515 (RU52.40)	9.43	-	-	-	9.43	5.21	14.64	17.00	-2.36
6535 (RU52.37)	-	8.35	-	-	8.35	5.85	14.20	17.00	-2.80
6695 (RU52.37)	-	8.46	-	-	8.46	5.85	14.31	17.00	-2.69
6855 (RU52.40)	-	8.39	-	-	8.39	5.85	14.24	17.00	-2.76

Table 175 - Maximum Power Spectral Density Results



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

DUT Configuration			
Mode:	802.11ax HE20 RU106 SP	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	6.82
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	-	8.24	-	-	8.24	6.82	15.06	17.00	-1.94
6175 (RU106.53)	9.23	-	-	-	9.23	5.67	14.90	17.00	-2.10
6415 (RU106.54)	9.13	-	-	-	9.13	5.51	14.64	17.00	-2.36
6435 (RU106.53)	9.67	-	-	-	9.67	5.21	14.88	17.00	-2.12
6475 (RU106.53)	9.51	-	-	-	9.51	5.21	14.72	17.00	-2.28
6515 (RU106.54)	9.48	-	-	-	9.48	5.21	14.69	17.00	-2.31
6535 (RU106.53)	-	8.83	-	-	8.83	5.85	14.68	17.00	-2.32
6695 (RU106.53)	-	8.50	-	-	8.50	5.85	14.35	17.00	-2.65
6855 (RU106.54)	-	8.64	-	-	8.64	5.85	14.49	17.00	-2.51

Table 176 - Maximum Power Spectral Density Results



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

DUT Configuration			
Mode:	802.11a VLP	Duty Cycle (%):	97.7
Data Rate:	12 Mbps	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.85
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6115	-13.11	-	-	-	-13.11	5.67	-7.44	-5.00	-2.44
6255	-12.27	-	-	-	-12.27	5.67	-6.60	-5.00	-1.60
6415	-12.55	-	-	-	-12.55	5.51	-7.04	-5.00	-2.04
6535	-	-12.96	-	-	-12.96	5.85	-7.11	-5.00	-2.11
6695	-	-12.85	-	-	-12.85	5.85	-7.00	-5.00	-2.00
6855	-	-13.22	-	-	-13.22	5.85	-7.37	-5.00	-2.37

Table 177 - Maximum Power Spectral Density Results



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

DUT Configuration			
Mode:	802.11ax HE20 SU VLP	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.85
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6115	-13.36	-	-	-	-13.36	5.67	-7.69	-5.00	-2.69
6255	-12.70	-	-	-	-12.70	5.67	-7.03	-5.00	-2.03
6415	-12.59	-	-	-	-12.59	5.51	-7.08	-5.00	-2.08
6535	-	-13.71	-	-	-13.71	5.85	-7.86	-5.00	-2.86
6695	-	-13.49	-	-	-13.49	5.85	-7.64	-5.00	-2.64
6855	-	-13.09	-	-	-13.09	5.85	-7.24	-5.00	-2.24

Table 178 - Maximum Power Spectral Density Results



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

DUT Configuration			
Mode:	802.11ax HE40 SU VLP	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.85
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6125	-13.42	-	-	-	-13.42	5.67	-7.75	-5.00	-2.75
6245	-13.02	-	-	-	-13.02	5.67	-7.35	-5.00	-2.35
6405	-13.41	-	-	-	-13.41	5.51	-7.90	-5.00	-2.90
6565	-	-13.57	-	-	-13.57	5.85	-7.72	-5.00	-2.72
6685	-	-13.75	-	-	-13.75	5.85	-7.90	-5.00	-2.90
6845	-	-13.52	-	-	-13.52	5.85	-7.67	-5.00	-2.67

Table 179 - Maximum Power Spectral Density Results



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

DUT Configuration			
Mode:	802.11ax HE80 SU VLP	Duty Cycle (%):	95.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.20
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.85
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6145	-12.85	-	-	-	-12.85	5.67	-7.18	-5.00	-2.18
6225	-12.52	-	-	-	-12.52	5.67	-6.85	-5.00	-1.85
6385	-13.09	-	-	-	-13.09	5.51	-7.58	-5.00	-2.58
6625	-	-13.15	-	-	-13.15	5.85	-7.30	-5.00	-2.30
6705	-	-13.70	-	-	-13.70	5.85	-7.85	-5.00	-2.85
6785	-	-13.25	-	-	-13.25	5.85	-7.40	-5.00	-2.40

Table 180 - Maximum Power Spectral Density Results



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

DUT Configuration			
Mode:	802.11ax HE160 SU VLP	Duty Cycle (%):	92.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.33
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.85
Active Port(s):	A B (Core 0 Core 1)	Active Chain(s):	0 1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6185	-12.86	-	-	-	-12.86	5.67	-7.19	-5.00	-2.19
6345	-13.03	-	-	-	-13.03	5.51	-7.52	-5.00	-2.52
6665	-	-13.41	-	-	-13.41	5.85	-7.56	-5.00	-2.56

Table 181 - Maximum Power Spectral Density Results



MIMO CDD

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU LPI	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-16.17	-16.19	-	-	-13.17	9.63	-3.54	-1.00	-2.54
6175	-15.19	-14.33	-	-	-11.73	8.15	-3.58	-1.00	-2.58
6415	-14.04	-14.40	-	-	-11.20	8.20	-3.01	-1.00	-2.01
6435	-13.98	-14.67	-	-	-11.30	8.08	-3.22	-1.00	-2.22
6475	-14.46	-14.56	-	-	-11.50	8.08	-3.42	-1.00	-2.42
6515	-14.22	-14.33	-	-	-11.26	8.08	-3.19	-1.00	-2.19
6535	-15.36	-15.03	-	-	-12.18	8.52	-3.66	-1.00	-2.66
6695	-15.09	-15.37	-	-	-12.22	8.52	-3.70	-1.00	-2.70
6855	-15.57	-16.01	-	-	-12.78	8.52	-4.25	-1.00	-3.25
6875	-14.96	-15.38	-	-	-12.16	8.52	-3.64	-1.00	-2.64
6895	-14.13	-14.43	-	-	-11.27	7.57	-3.70	-1.00	-2.70
6995	-14.15	-14.15	-	-	-11.14	7.57	-3.57	-1.00	-2.57
7095	-14.47	-13.76	-	-	-11.09	7.57	-3.52	-1.00	-2.52

Table 182 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU LPI	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	-15.95	-16.54	-	-	-13.23	9.63	-3.59	-1.00	-2.59
6165	-14.96	-14.49	-	-	-11.71	8.15	-3.56	-1.00	-2.56
6405	-14.75	-14.62	-	-	-11.68	8.20	-3.48	-1.00	-2.48
6445	-14.92	-14.50	-	-	-11.69	8.08	-3.61	-1.00	-2.61
6485	-15.15	-14.75	-	-	-11.93	8.08	-3.86	-1.00	-2.86
6525	-15.53	-15.06	-	-	-12.28	8.08	-4.20	-1.00	-3.20
6565	-15.81	-15.72	-	-	-12.76	8.52	-4.23	-1.00	-3.23
6685	-15.20	-15.82	-	-	-12.49	8.52	-3.97	-1.00	-2.97
6845	-15.69	-15.90	-	-	-12.79	8.52	-4.26	-1.00	-3.26
6885	-15.60	-15.82	-	-	-12.70	8.52	-4.18	-1.00	-3.18
6925	-14.23	-14.40	-	-	-11.31	7.57	-3.74	-1.00	-2.74
7005	-14.19	-15.53	-	-	-11.80	7.57	-4.23	-1.00	-3.23
7085	-14.50	-15.09	-	-	-11.78	7.57	-4.21	-1.00	-3.21

Table 183 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	Duty Cycle (%):	95.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.20
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	-16.32	-16.08	-	-	-13.19	9.63	-3.56	-1.00	-2.56
6145	-14.66	-14.40	-	-	-11.52	8.15	-3.37	-1.00	-2.37
6385	-13.97	-14.70	-	-	-11.31	8.20	-3.11	-1.00	-2.11
6465	-14.56	-14.60	-	-	-11.57	8.08	-3.50	-1.00	-2.50
6545	-15.11	-15.75	-	-	-12.41	8.52	-3.89	-1.00	-2.89
6625	-14.84	-15.19	-	-	-12.00	8.52	-3.48	-1.00	-2.48
6705	-15.61	-15.73	-	-	-12.66	8.52	-4.14	-1.00	-3.14
6785	-15.19	-15.45	-	-	-12.31	8.52	-3.78	-1.00	-2.78
6865	-15.66	-16.07	-	-	-12.85	8.52	-4.33	-1.00	-3.33
6945	-14.11	-13.62	-	-	-10.85	7.57	-3.28	-1.00	-2.28
7025	-13.97	-14.01	-	-	-10.98	7.57	-3.41	-1.00	-2.41

Table 184 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU LPI	Duty Cycle (%):	92.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.33
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	-15.55	-15.35	-	-	-12.44	9.63	-2.80	-1.00	-1.80
6185	-13.38	-13.51	-	-	-10.43	8.15	-2.28	-1.00	-1.28
6345	-13.84	-14.38	-	-	-11.09	8.20	-2.90	-1.00	-1.90
6505	-14.54	-14.72	-	-	-11.62	8.08	-3.54	-1.00	-2.54
6665	-14.31	-14.25	-	-	-11.27	8.52	-2.75	-1.00	-1.75
6825	-14.32	-14.66	-	-	-11.47	8.52	-2.95	-1.00	-1.95
6985	-13.58	-13.70	-	-	-10.63	7.57	-3.06	-1.00	-2.06

Table 185 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52 LPI	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.20
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6115 (RU52.37)	-15.29	-13.83	-	-	-11.49	8.15	-3.34	-1.00	-2.34
6255 (RU52.37)	-14.80	-14.19	-	-	-11.47	8.15	-3.33	-1.00	-2.33
6415 (RU52.40)	-13.96	-14.53	-	-	-11.23	8.20	-3.03	-1.00	-2.03
6435 (RU52.37)	-14.05	-14.19	-	-	-11.11	8.08	-3.03	-1.00	-2.03
6475 (RU52.37)	-14.46	-14.54	-	-	-11.49	8.08	-3.41	-1.00	-2.41
6515 (RU52.40)	-14.34	-14.38	-	-	-11.35	8.08	-3.27	-1.00	-2.27
6895 (RU52.37)	-14.11	-13.92	-	-	-11.00	7.57	-3.43	-1.00	-2.43
6995 (RU52.37)	-13.90	-13.42	-	-	-10.64	7.57	-3.07	-1.00	-2.07
7095 (RU52.40)	-14.67	-13.79	-	-	-11.19	7.57	-3.62	-1.00	-2.62

Table 186 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106 LPI	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	-15.70	-15.59	-	-	-12.64	9.63	-3.01	-1.00	-2.01
6175 (RU106.53)	-15.05	-14.14	-	-	-11.56	8.15	-3.41	-1.00	-2.41
6415 (RU106.54)	-14.09	-14.58	-	-	-11.32	8.20	-3.12	-1.00	-2.12
6435 (RU106.53)	-14.21	-14.48	-	-	-11.33	8.08	-3.25	-1.00	-2.25
6475 (RU106.53)	-14.28	-14.43	-	-	-11.34	8.08	-3.27	-1.00	-2.27
6515 (RU106.54)	-14.14	-13.97	-	-	-11.05	8.08	-2.97	-1.00	-1.97
6535 (RU106.53)	-14.95	-14.84	-	-	-11.88	8.52	-3.36	-1.00	-2.36
6695 (RU106.53)	-14.74	-14.94	-	-	-11.83	8.52	-3.31	-1.00	-2.31
6855 (RU106.54)	-14.81	-15.16	-	-	-11.98	8.52	-3.45	-1.00	-2.45
6875 (RU106.53)	-14.88	-15.26	-	-	-12.06	8.52	-3.54	-1.00	-2.54
6875 (RU106.54)	-14.79	-15.29	-	-	-12.02	7.57	-4.45	-1.00	-3.45
6895 (RU106.53)	-13.76	-14.22	-	-	-10.98	7.57	-3.41	-1.00	-2.41
6995 (RU106.53)	-13.78	-13.91	-	-	-10.83	7.57	-3.26	-1.00	-2.26
7095 (RU106.54)	-14.37	-13.67	-	-	-10.99	7.57	-3.42	-1.00	-2.42

Table 187 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU SP	Duty Cycle (%):	95.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	1.44	1.60	-	-	4.54	9.63	14.17	17.00	-2.83
6175	2.87	2.94	-	-	5.92	8.15	14.07	17.00	-2.93
6415	3.41	3.09	-	-	6.26	8.20	14.46	17.00	-2.54
6435	3.23	3.07	-	-	6.16	8.08	14.24	17.00	-2.76
6475	2.85	2.93	-	-	5.90	8.08	13.98	17.00	-3.02
6515	2.73	3.07	-	-	5.91	8.08	13.99	17.00	-3.01
6535	2.00	2.24	-	-	5.14	8.52	13.66	17.00	-3.34
6695	2.34	3.00	-	-	5.69	8.52	14.22	17.00	-2.78
6855	2.62	2.70	-	-	5.67	8.52	14.19	17.00	-2.81

Table 188 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU SP	Duty Cycle (%):	95.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	1.91	1.24	-	-	4.60	9.63	14.23	17.00	-2.77
6165	3.17	3.09	-	-	6.14	8.15	14.29	17.00	-2.71
6405	3.54	3.31	-	-	6.44	8.20	14.63	17.00	-2.37
6445	3.27	3.21	-	-	6.25	8.08	14.33	17.00	-2.67
6485	3.27	3.11	-	-	6.20	8.08	14.27	17.00	-2.73
6525	2.88	2.92	-	-	5.91	8.08	13.99	17.00	-3.01
6565	2.79	2.85	-	-	5.83	8.52	14.35	17.00	-2.65
6685	2.58	2.75	-	-	5.67	8.52	14.20	17.00	-2.80
6845	3.07	3.40	-	-	6.25	8.52	14.77	17.00	-2.23

Table 189 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU SP	Duty Cycle (%):	95.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.20
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	1.17	1.32	-	-	4.25	9.63	13.89	17.00	-3.11
6145	2.40	2.52	-	-	5.47	8.15	13.62	17.00	-3.38
6385	2.54	1.96	-	-	5.27	8.20	13.46	17.00	-3.54
6465	2.67	2.87	-	-	5.78	8.08	13.85	17.00	-3.15
6545	2.11	2.17	-	-	5.15	8.52	13.67	17.00	-3.33
6625	1.70	1.81	-	-	4.76	8.52	13.29	17.00	-3.71
6705	2.00	2.04	-	-	5.03	8.52	13.55	17.00	-3.45
6785	2.60	2.16	-	-	5.40	8.52	13.92	17.00	-3.08

Table 190 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU SP	Duty Cycle (%):	92.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.33
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	-0.92	-1.07	-	-	2.01	9.63	11.65	17.00	-5.35
6185	-0.67	-0.76	-	-	2.29	8.15	10.44	17.00	-6.56
6345	-0.87	-1.08	-	-	2.04	8.20	10.23	17.00	-6.77
6505	-1.53	-1.57	-	-	1.46	8.08	9.54	17.00	-7.46
6665	-1.56	-1.04	-	-	1.72	8.52	10.24	17.00	-6.76

Table 191 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU26 SP	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU26.0)	1.61	1.95	-	-	4.79	9.63	14.43	17.00	-2.57
6175 (RU26.0)	3.34	3.18	-	-	6.28	8.15	14.42	17.00	-2.58
6415 (RU26.8)	3.32	3.29	-	-	6.31	8.20	14.51	17.00	-2.49
6435 (RU26.0)	3.35	3.25	-	-	6.31	8.08	14.39	17.00	-2.61
6475 (RU26.0)	2.93	3.33	-	-	6.14	8.08	14.22	17.00	-2.78
6515 (RU26.8)	2.91	2.91	-	-	5.92	8.08	13.99	17.00	-3.01
6535 (RU26.0)	2.19	2.50	-	-	5.36	8.52	13.88	17.00	-3.12
6695 (RU26.0)	2.31	2.70	-	-	5.52	8.52	14.04	17.00	-2.96
6855 (RU26.8)	2.50	2.73	-	-	5.63	8.52	14.15	17.00	-2.85

Table 192 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52 SP	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU52.37)	2.02	2.09	-	-	5.07	9.63	14.70	17.00	-2.30
6175 (RU52.37)	3.52	3.82	-	-	6.69	8.15	14.83	17.00	-2.17
6415 (RU52.40)	3.32	3.42	-	-	6.38	8.20	14.57	17.00	-2.43
6435 (RU52.37)	3.74	3.70	-	-	6.73	8.08	14.81	17.00	-2.19
6475 (RU52.37)	3.43	3.74	-	-	6.59	8.08	14.67	17.00	-2.33
6515 (RU52.40)	3.41	3.55	-	-	6.49	8.08	14.57	17.00	-2.43
6535 (RU52.37)	2.58	2.92	-	-	5.76	8.52	14.28	17.00	-2.72
6695 (RU52.37)	2.40	3.00	-	-	5.72	8.52	14.24	17.00	-2.76
6855 (RU52.40)	2.43	3.13	-	-	5.80	8.52	14.33	17.00	-2.67

Table 193 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106 SP	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.09
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	9.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	2.12	2.00	-	-	5.07	9.63	14.71	17.00	-2.29
6175 (RU106.53)	3.61	3.88	-	-	6.76	8.15	14.91	17.00	-2.09
6415 (RU106.54)	3.76	3.58	-	-	6.68	8.20	14.88	17.00	-2.12
6435 (RU106.53)	3.78	3.46	-	-	6.63	8.08	14.71	17.00	-2.29
6475 (RU106.53)	3.85	3.58	-	-	6.73	8.08	14.80	17.00	-2.20
6515 (RU106.54)	3.14	3.33	-	-	6.25	8.08	14.32	17.00	-2.68
6535 (RU106.53)	3.05	3.10	-	-	6.08	8.52	14.61	17.00	-2.39
6695 (RU106.53)	2.99	2.86	-	-	5.94	8.52	14.46	17.00	-2.54
6855 (RU106.54)	2.66	3.06	-	-	5.87	8.52	14.40	17.00	-2.60

Table 194 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU VLP	Duty Cycle (%):	95.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.20
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.52
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6145	-20.57	-19.05	-	-	-16.74	8.15	-8.59	-5.00	-3.59
6225	-19.76	-18.91	-	-	-16.30	8.15	-8.15	-5.00	-3.15
6385	-19.88	-18.85	-	-	-16.32	8.20	-8.12	-5.00	-3.12
6625	-20.14	-19.41	-	-	-16.75	8.52	-8.23	-5.00	-3.23
6705	-19.86	-19.60	-	-	-16.72	8.52	-8.19	-5.00	-3.19
6785	-19.30	-19.37	-	-	-16.32	8.52	-7.80	-5.00	-2.80

Table 195 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU VLP	Duty Cycle (%):	92.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.33
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.52
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6185	-17.94	-18.21	-	-	-15.06	8.15	-6.92	-5.00	-1.92
6345	-19.29	-18.46	-	-	-15.85	8.20	-7.65	-5.00	-2.65
6665	-19.50	-18.91	-	-	-16.19	8.52	-7.67	-5.00	-2.67

Table 196 - Maximum Power Spectral Density Results



MIMO SDM

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU LPI	Duty Cycle (%):	93.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.30
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	-13.26	-12.96	-	-	-10.10	6.62	-3.47	-1.00	-2.47
6175	-12.15	-11.18	-	-	-8.63	5.15	-3.47	-1.00	-2.47
6415	-11.45	-11.89	-	-	-8.65	5.19	-3.46	-1.00	-2.46
6435	-11.10	-11.46	-	-	-8.26	5.07	-3.20	-1.00	-2.20
6475	-11.62	-11.57	-	-	-8.59	5.07	-3.52	-1.00	-2.52
6515	-11.73	-11.46	-	-	-8.58	5.07	-3.51	-1.00	-2.51
6535	-12.12	-12.20	-	-	-9.15	5.52	-3.63	-1.00	-2.63
6695	-12.20	-12.43	-	-	-9.30	5.52	-3.78	-1.00	-2.78
6855	-12.09	-12.29	-	-	-9.18	5.52	-3.66	-1.00	-2.66
6875	-11.88	-12.64	-	-	-9.24	5.52	-3.72	-1.00	-2.72
6895	-10.94	-11.26	-	-	-8.09	4.58	-3.50	-1.00	-2.50
6995	-11.10	-11.10	-	-	-8.09	4.58	-3.50	-1.00	-2.50
7095	-11.32	-10.68	-	-	-7.98	4.58	-3.40	-1.00	-2.40

Table 197 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU LPI	Duty Cycle (%):	93.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.31
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	-12.92	-13.29	-	-	-10.09	6.62	-3.46	-1.00	-2.46
6165	-11.20	-11.39	-	-	-8.28	5.15	-3.13	-1.00	-2.13
6405	-11.42	-11.57	-	-	-8.48	5.19	-3.29	-1.00	-2.29
6445	-11.54	-11.64	-	-	-8.58	5.07	-3.52	-1.00	-2.52
6485	-11.47	-11.56	-	-	-8.51	5.07	-3.44	-1.00	-2.44
6525	-12.18	-11.83	-	-	-8.99	5.07	-3.92	-1.00	-2.92
6565	-12.00	-12.15	-	-	-9.06	5.52	-3.54	-1.00	-2.54
6685	-12.34	-12.56	-	-	-9.44	5.52	-3.92	-1.00	-2.92
6845	-12.40	-12.98	-	-	-9.67	5.52	-4.15	-1.00	-3.15
6885	-12.34	-12.55	-	-	-9.43	5.52	-3.91	-1.00	-2.91
6925	-11.19	-11.18	-	-	-8.17	4.58	-3.59	-1.00	-2.59
7005	-11.50	-11.02	-	-	-8.24	4.58	-3.66	-1.00	-2.66
7085	-11.11	-11.15	-	-	-8.12	4.58	-3.53	-1.00	-2.53

Table 198 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	Duty Cycle (%):	92.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.33
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	-12.72	-12.60	-	-	-9.65	6.62	-3.02	-1.00	-2.02
6145	-11.82	-11.19	-	-	-8.48	5.15	-3.33	-1.00	-2.33
6385	-10.91	-11.72	-	-	-8.28	5.19	-3.09	-1.00	-2.09
6465	-11.37	-11.63	-	-	-8.48	5.07	-3.42	-1.00	-2.42
6545	-11.79	-12.20	-	-	-8.98	5.52	-3.46	-1.00	-2.46
6625	-12.29	-12.36	-	-	-9.31	5.52	-3.79	-1.00	-2.79
6705	-12.26	-12.37	-	-	-9.31	5.52	-3.79	-1.00	-2.79
6785	-11.63	-12.09	-	-	-8.84	5.52	-3.32	-1.00	-2.32
6865	-12.09	-11.58	-	-	-8.82	5.52	-3.30	-1.00	-2.30
6945	-10.83	-10.88	-	-	-7.85	4.58	-3.26	-1.00	-2.26
7025	-11.07	-10.51	-	-	-7.77	4.58	-3.18	-1.00	-2.18

Table 199 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU LPI	Duty Cycle (%):	89.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.50
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	-12.71	-12.41	-	-	-9.54	6.62	-2.92	-1.00	-1.92
6185	-10.74	-10.39	-	-	-7.55	5.15	-2.40	-1.00	-1.40
6345	-10.92	-11.54	-	-	-8.21	5.19	-3.02	-1.00	-2.02
6505	-11.84	-11.59	-	-	-8.70	5.07	-3.63	-1.00	-2.63
6665	-11.83	-11.47	-	-	-8.64	5.52	-3.12	-1.00	-2.12
6825	-11.52	-11.65	-	-	-8.57	5.52	-3.05	-1.00	-2.05
6985	-11.08	-10.92	-	-	-7.99	4.58	-3.40	-1.00	-2.40

Table 200 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU26 LPI	Duty Cycle (%):	96.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.14
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.19
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6115 (RU26.0)	-12.57	-11.68	-	-	-9.09	5.15	-3.94	-1.00	-2.94
6255 (RU26.0)	-12.60	-12.17	-	-	-9.37	5.15	-4.21	-1.00	-3.21
6415 (RU26.8)	-11.85	-12.24	-	-	-9.03	5.19	-3.84	-1.00	-2.84
6435 (RU26.0)	-11.56	-12.25	-	-	-8.88	5.07	-3.81	-1.00	-2.81
6475 (RU26.0)	-11.91	-12.33	-	-	-9.11	5.07	-4.04	-1.00	-3.04
6515 (RU26.8)	-11.94	-12.14	-	-	-9.03	5.07	-3.96	-1.00	-2.96
6895 (RU26.0)	-11.68	-11.92	-	-	-8.79	4.58	-4.20	-1.00	-3.20
6995 (RU26.0)	-11.66	-11.60	-	-	-8.62	4.58	-4.03	-1.00	-3.03
7095 (RU26.8)	-13.16	-12.64	-	-	-9.88	4.58	-5.30	-1.00	-4.30

Table 201 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52 LPI	Duty Cycle (%):	96.9
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.14
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU52.37)	-13.18	-12.71	-	-	-9.93	6.62	-3.30	-1.00	-2.30
6175 (RU52.37)	-12.21	-11.49	-	-	-8.83	5.15	-3.67	-1.00	-2.67
6415 (RU52.40)	-11.11	-11.18	-	-	-8.13	5.19	-2.94	-1.00	-1.94
6435 (RU52.37)	-11.28	-11.56	-	-	-8.41	5.07	-3.34	-1.00	-2.34
6475 (RU52.37)	-11.80	-11.59	-	-	-8.68	5.07	-3.62	-1.00	-2.62
6515 (RU52.40)	-11.46	-11.41	-	-	-8.42	5.07	-3.36	-1.00	-2.36
6535 (RU52.37)	-12.06	-11.89	-	-	-8.97	5.52	-3.45	-1.00	-2.45
6695 (RU52.37)	-12.03	-12.05	-	-	-9.03	5.52	-3.51	-1.00	-2.51
6855 (RU52.40)	-11.95	-12.20	-	-	-9.06	5.52	-3.54	-1.00	-2.54
6875 (RU52.38)	-11.97	-12.30	-	-	-9.12	5.52	-3.60	-1.00	-2.60
6875 (RU52.39)	-11.82	-12.29	-	-	-9.03	4.58	-4.45	-1.00	-3.45
6895 (RU52.37)	-10.99	-10.75	-	-	-7.86	4.58	-3.27	-1.00	-2.27
6995 (RU52.37)	-10.91	-10.87	-	-	-7.88	4.58	-3.30	-1.00	-2.30
7095 (RU52.40)	-11.27	-10.57	-	-	-7.89	4.58	-3.31	-1.00	-2.31

Table 202 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106 LPI	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.10
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	-12.77	-12.65	-	-	-9.70	6.62	-3.07	-1.00	-2.07
6175 (RU106.53)	-12.25	-11.18	-	-	-8.68	5.15	-3.52	-1.00	-2.52
6415 (RU106.54)	-11.14	-11.48	-	-	-8.29	5.19	-3.10	-1.00	-2.10
6435 (RU106.53)	-10.81	-11.53	-	-	-8.14	5.07	-3.08	-1.00	-2.08
6475 (RU106.53)	-11.42	-11.54	-	-	-8.47	5.07	-3.41	-1.00	-2.41
6515 (RU106.54)	-10.97	-11.26	-	-	-8.10	5.07	-3.04	-1.00	-2.04
6535 (RU106.53)	-12.01	-11.77	-	-	-8.88	5.52	-3.36	-1.00	-2.36
6695 (RU106.53)	-11.71	-12.30	-	-	-8.99	5.52	-3.47	-1.00	-2.47
6855 (RU106.54)	-11.72	-12.07	-	-	-8.88	5.52	-3.36	-1.00	-2.36
6875 (RU106.53)	-11.83	-12.19	-	-	-8.99	5.52	-3.47	-1.00	-2.47
6875 (RU106.54)	-11.75	-11.94	-	-	-8.83	4.58	-4.25	-1.00	-3.25
6895 (RU106.53)	-10.81	-11.10	-	-	-7.94	4.58	-3.36	-1.00	-2.36
6995 (RU106.53)	-10.63	-10.91	-	-	-7.76	4.58	-3.17	-1.00	-2.17
7095 (RU106.54)	-11.12	-10.84	-	-	-7.97	4.58	-3.38	-1.00	-2.38

Table 203 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU SP	Duty Cycle (%):	93.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.30
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	4.92	4.79	-	-	7.87	6.62	14.49	17.00	-2.51
6175	6.04	5.96	-	-	9.01	5.15	14.16	17.00	-2.84
6415	6.58	6.02	-	-	9.32	5.19	14.51	17.00	-2.49
6435	6.26	5.75	-	-	9.02	5.07	14.09	17.00	-2.91
6475	6.27	6.07	-	-	9.18	5.07	14.25	17.00	-2.75
6515	6.23	6.23	-	-	9.24	5.07	14.31	17.00	-2.69
6535	5.49	5.55	-	-	8.53	5.52	14.05	17.00	-2.95
6695	5.42	5.69	-	-	8.57	5.52	14.09	17.00	-2.91
6855	5.65	5.87	-	-	8.77	5.52	14.29	17.00	-2.71

Table 204 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU SP	Duty Cycle (%):	93.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.31
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	4.49	4.45	-	-	7.48	6.62	14.11	17.00	-2.89
6165	5.43	5.72	-	-	8.59	5.15	13.74	17.00	-3.26
6405	5.94	5.89	-	-	8.93	5.19	14.12	17.00	-2.88
6445	5.64	5.78	-	-	8.72	5.07	13.79	17.00	-3.21
6485	5.86	6.00	-	-	8.94	5.07	14.01	17.00	-2.99
6525	4.89	5.74	-	-	8.34	5.07	13.41	17.00	-3.59
6565	5.11	5.45	-	-	8.29	5.52	13.81	17.00	-3.19
6685	5.21	5.54	-	-	8.39	5.52	13.90	17.00	-3.10
6845	5.32	5.70	-	-	8.53	5.52	14.05	17.00	-2.95

Table 205 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU SP	Duty Cycle (%):	92.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.33
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	1.41	1.45	-	-	4.44	6.62	11.07	17.00	-5.93
6145	2.79	3.41	-	-	6.12	5.15	11.28	17.00	-5.72
6385	3.06	3.12	-	-	6.10	5.19	11.30	17.00	-5.70
6465	3.10	2.89	-	-	6.00	5.07	11.07	17.00	-5.93
6545	2.37	2.42	-	-	5.41	5.52	10.93	17.00	-6.07
6625	2.22	2.38	-	-	5.31	5.52	10.83	17.00	-6.17
6705	2.35	2.40	-	-	5.38	5.52	10.90	17.00	-6.10
6785	2.48	2.75	-	-	5.63	5.52	11.15	17.00	-5.85

Table 206 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU SP	Duty Cycle (%):	89.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.51
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	-1.03	-1.23	-	-	1.88	6.62	8.51	17.00	-8.49
6185	-0.28	-0.79	-	-	2.48	5.15	7.64	17.00	-9.36
6345	-0.65	-1.15	-	-	2.11	5.19	7.31	17.00	-9.69
6505	-1.61	-1.50	-	-	1.46	5.07	6.53	17.00	-10.47
6665	-1.62	-0.91	-	-	1.76	5.52	7.28	17.00	-9.72

Table 207 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU26 SP	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.13
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU26.0)	4.70	5.11	-	-	7.92	6.62	14.55	17.00	-2.45
6175 (RU26.0)	6.01	6.71	-	-	9.39	5.15	14.54	17.00	-2.46
6415 (RU26.8)	6.55	6.26	-	-	9.42	5.19	14.61	17.00	-2.39
6435 (RU26.0)	6.26	6.02	-	-	9.15	5.07	14.22	17.00	-2.78
6475 (RU26.0)	6.32	6.59	-	-	9.47	5.07	14.53	17.00	-2.47
6515 (RU26.8)	5.73	6.14	-	-	8.95	5.07	14.02	17.00	-2.98
6535 (RU26.0)	5.24	5.55	-	-	8.41	5.52	13.93	17.00	-3.07
6695 (RU26.0)	5.14	5.57	-	-	8.37	5.52	13.89	17.00	-3.11
6855 (RU26.8)	5.34	5.81	-	-	8.59	5.52	14.11	17.00	-2.89

Table 208 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52 SP	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.13
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU52.37)	4.84	4.90	-	-	7.88	6.62	14.51	17.00	-2.49
6175 (RU52.37)	6.22	6.68	-	-	9.47	5.15	14.62	17.00	-2.38
6415 (RU52.40)	6.32	6.57	-	-	9.46	5.19	14.65	17.00	-2.35
6435 (RU52.37)	6.52	6.64	-	-	9.59	5.07	14.66	17.00	-2.34
6475 (RU52.37)	6.19	6.51	-	-	9.36	5.07	14.43	17.00	-2.57
6515 (RU52.40)	5.94	6.83	-	-	9.42	5.07	14.49	17.00	-2.51
6535 (RU52.37)	5.76	6.07	-	-	8.93	5.52	14.45	17.00	-2.55
6695 (RU52.37)	5.62	5.94	-	-	8.79	5.52	14.31	17.00	-2.69
6855 (RU52.40)	4.95	5.63	-	-	8.32	5.52	13.84	17.00	-3.16

Table 209 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106 SP	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.09
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	6.62
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955 (RU106.53)	5.17	5.04	-	-	8.11	6.62	14.74	17.00	-2.26
6175 (RU106.53)	6.31	6.40	-	-	9.37	5.15	14.52	17.00	-2.48
6415 (RU106.54)	6.68	6.40	-	-	9.55	5.19	14.75	17.00	-2.25
6435 (RU106.53)	6.62	6.43	-	-	9.54	5.07	14.60	17.00	-2.40
6475 (RU106.53)	6.82	6.66	-	-	9.75	5.07	14.82	17.00	-2.18
6515 (RU106.54)	6.66	6.61	-	-	9.64	5.07	14.71	17.00	-2.29
6535 (RU106.53)	6.01	6.09	-	-	9.06	5.52	14.58	17.00	-2.42
6695 (RU106.53)	5.81	6.34	-	-	9.10	5.52	14.62	17.00	-2.38
6855 (RU106.54)	5.58	6.22	-	-	8.92	5.52	14.44	17.00	-2.56

Table 210 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU VLP	Duty Cycle (%):	93.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.31
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.52
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6125	-16.26	-16.08	-	-	-13.16	5.15	-8.00	-5.00	-3.00
6245	-15.36	-16.01	-	-	-12.66	5.15	-7.51	-5.00	-2.51
6405	-15.72	-16.68	-	-	-13.17	5.19	-7.97	-5.00	-2.97
6565	-16.27	-16.42	-	-	-13.34	5.52	-7.82	-5.00	-2.82
6685	-16.64	-17.47	-	-	-14.03	5.52	-8.51	-5.00	-3.51
6845	-16.48	-16.82	-	-	-13.64	5.52	-8.12	-5.00	-3.12

Table 211 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU VLP	Duty Cycle (%):	92.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.33
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.52
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6145	-17.69	-16.14	-	-	-13.84	5.15	-8.68	-5.00	-3.68
6225	-15.54	-15.60	-	-	-12.56	5.15	-7.40	-5.00	-2.40
6385	-16.15	-16.17	-	-	-13.15	5.19	-7.96	-5.00	-2.96
6625	-17.37	-16.64	-	-	-13.98	5.52	-8.46	-5.00	-3.46
6705	-16.35	-16.31	-	-	-13.32	5.52	-7.80	-5.00	-2.80
6785	-16.31	-16.15	-	-	-13.22	5.52	-7.70	-5.00	-2.70

Table 212 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(9)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE160 SU VLP	Duty Cycle (%):	89.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.50
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.52
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6185	-15.25	-15.06	-	-	-12.15	5.15	-6.99	-5.00	-1.99
6345	-15.27	-16.01	-	-	-12.62	5.19	-7.42	-5.00	-2.42
6665	-16.71	-15.67	-	-	-13.15	5.52	-7.63	-5.00	-2.63

Table 213 - Maximum Power Spectral Density Results



TxBF

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	Duty Cycle (%):	88.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.55
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	-15.74	-16.02	-	-	-12.87	9.63	-3.24	-1.00	-2.24
6145	-15.25	-14.72	-	-	-11.97	8.15	-3.82	-1.00	-2.82
6385	-14.52	-14.40	-	-	-11.45	8.20	-3.25	-1.00	-2.25
6465	-14.69	-14.49	-	-	-11.58	8.08	-3.50	-1.00	-2.50
6545	-15.29	-14.66	-	-	-11.95	8.52	-3.43	-1.00	-2.43
6625	-15.35	-14.85	-	-	-12.08	8.52	-3.56	-1.00	-2.56
6705	-14.59	-14.46	-	-	-11.51	8.52	-2.99	-1.00	-1.99
6785	-14.49	-14.77	-	-	-11.62	8.52	-3.10	-1.00	-2.10
6865	-14.75	-15.73	-	-	-12.20	8.52	-3.68	-1.00	-2.68
6945	-14.06	-14.09	-	-	-11.06	7.57	-3.49	-1.00	-2.49
7025	-14.13	-14.32	-	-	-11.21	7.57	-3.64	-1.00	-2.64

Table 214 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU SP	Duty Cycle (%):	88.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.52
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5955	1.53	1.94	-	-	4.75	9.63	14.38	17.00	-2.62
6175	2.30	2.89	-	-	5.62	8.15	13.76	17.00	-3.24
6415	2.70	3.28	-	-	6.01	8.20	14.21	17.00	-2.79
6435	3.29	3.32	-	-	6.32	8.08	14.39	17.00	-2.61
6475	2.96	3.32	-	-	6.15	8.08	14.23	17.00	-2.77
6515	3.26	3.56	-	-	6.42	8.08	14.50	17.00	-2.50
6535	2.93	3.09	-	-	6.02	8.52	14.54	17.00	-2.46
6695	2.80	3.22	-	-	6.02	8.52	14.54	17.00	-2.46
6855	2.88	3.11	-	-	6.01	8.52	14.53	17.00	-2.47

Table 215 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU SP	Duty Cycle (%):	87.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.59
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	1.17	1.14	-	-	4.17	9.63	13.80	17.00	-3.20
6165	2.30	2.94	-	-	5.64	8.15	13.79	17.00	-3.21
6405	2.70	3.06	-	-	5.89	8.20	14.09	17.00	-2.91
6445	2.80	2.88	-	-	5.85	8.08	13.93	17.00	-3.07
6485	2.64	3.16	-	-	5.92	8.08	14.00	17.00	-3.00
6525	2.51	2.80	-	-	5.67	8.08	13.74	17.00	-3.26
6565	2.53	2.90	-	-	5.73	8.52	14.25	17.00	-2.75
6685	2.46	2.59	-	-	5.54	8.52	14.06	17.00	-2.94
6845	2.49	2.41	-	-	5.46	8.52	13.98	17.00	-3.02

Table 216 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU SP	Duty Cycle (%):	89.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.49
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	9.63
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	-1.80	-1.64	-	-	1.29	9.63	10.92	17.00	-6.08
6145	-0.72	0.54	-	-	2.97	8.15	11.11	17.00	-5.89
6385	0.24	0.01	-	-	3.13	8.20	11.33	17.00	-5.67
6465	-0.52	0.07	-	-	2.79	8.08	10.87	17.00	-6.13
6545	-0.48	-0.11	-	-	2.72	8.55	11.26	17.00	-5.74
6625	-0.71	-0.36	-	-	2.48	8.52	11.00	17.00	-6.00
6705	-0.50	-0.33	-	-	2.59	8.52	11.12	17.00	-5.88
6785	-0.39	-0.56	-	-	2.54	8.52	11.06	17.00	-5.94

Table 217 - Maximum Power Spectral Density Results



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

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

ISED RSS-248, Limit Clause 4.5.5

The following limits shall apply to standard client devices:

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

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

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

ISED RSS-248, Limit Clause 4.5.3

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

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

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

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



2.4.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 18 and RF Laboratory 2.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
True RMS Multimeter	Fluke	79 Series III	411	12	12-Jan-2025
Hygrometer	Rotronic	Hygropalm 0	3028	12	12-Aug-2025
Hygrometer	Rotronic	I-1000	3068	12	07-Nov-2024*
Hygrometer	Rotronic	I-1000	3068	12	19-Nov-2025*
1800-6000 MHz Power Splitter	Mini-Circuits	ZN2PD-63-S+	4055	-	O/P Mon
1 MHz / 10 MHz reference	Quartzlock	E10-X	4973	12	03-Sep-2025
AC Programmable Power Supply	iTech	IT7324	5225	-	O/P Mon
AC Programmable Power Supply	iTech	IT7324	5226	-	O/P Mon
Attenuator 5W 30dB DC-18GHz	Aaren	AT40A-4041-D18-30	5505	12	22-Feb-2025
MXA Signal Analyser	Keysight Technologies	N9020B	5528	24	18-Sep-2025
MXA Signal Analyser	Keysight Technologies	N9020B	5529	24	13-Dec-2024
2-Way Power Divider (2-8 GHz)	Aaren	AT30A-TE0208-2-AF	5685	12	02-Jan-2025
Digital Multimeter	Fluke	115	6145	12	06-Jun-2025
Cable (SMA to SMA 1m)	Junkosha	MWX221/B	6305	12	20-May-2025
Cable (SMA to SMA 3m)	Junkosha	MWX221-03000AMSAMS/A	6317	12	23-May-2025
Humidity and Temperature Meter	R.S Components	1364	6346	12	06-Mar-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6350	12	02-Aug-2025
MXA Signal Analyser	Keysight Technologies	N9020B	6419	24	28-Feb-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6426	12	07-Feb-2025
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	6447	-	O/P Mon
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	6448	-	O/P Mon
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6517	12	22-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6526	12	22-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6527	12	05-Mar-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6638	12	02-Aug-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6639	12	02-Aug-2025
AC Programmable Power Supply	iTech	IT7324	6665	-	O/P Mon
WiFi 6E Tri-Band Gaming Router	Asus	GT-AXE110000	6694	-	TU



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
10dB attenuator	Pasternack	PE-7013-10	6728	12	07-Jan-2025
10dB attenuator	RF-Lambda	RFS5G08B10SMF	6730	12	07-Jan-2025
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
Handheld Hygrometer	Fluke	971	6838	12	27-Aug-2025

Table 218

TU - Traceability Unscheduled
O/P Mon - Output Monitored using calibrated equipment

*NOTE: Only used within calibration period.



2.5 Authorised Band Edges

2.5.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (b)
ISED RSS-248, Clause 4.6
ISED RSS-GEN, Clause 6.13

2.5.2 Equipment Under Test and Modification State

A3241, S/N: K2K9N270NG - Modification State 0
A3241, S/N: DCLWQTFQGK - Modification State 0
A3241, S/N: HJKCRQM3K9 - Modification State 0

2.5.3 Date of Test

18-September-2024 to 29-September-2024

2.5.4 Test Method

The test was performed in accordance with ANSI C63.10, clause 6.6.

For U-NII-5-8 channels, the limit line on the following plots equated to -27 dBm/MHz. EIRP and was converted to field strength at 3 m using the following formula:

Field Strength (dBμV/m at 3 m) = EIRP (dBm) + 95.2 dB

As per KDB 987594, In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Authorised band edge measurements were performed, with the device operating in SISO and MIMO configurations, across the various modes supported by the device.

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

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

2.5.5 Environmental Conditions

Ambient Temperature	20.9 - 23.1 °C
Relative Humidity	42.4 - 50.6 %

2.5.6 Test Results

6 GHz WLAN

20 MHz Bandwidth - Core 0 (SISO)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11a	54 Mbps	-	-	5955	5925	74.17	58.90
802.11ax HE20	MCS 4x1	SU	-	5955	5925	78.28	61.81
802.11ax HE20	MCS 11x1	106	54	5955	5925	70.58	49.29
802.11a	24 Mbps	-	-	7095	7125	75.36	61.09
802.11a	54 Mbps	-	-	7115	7125	81.25	65.54
802.11ax HE20	MCS 2x1	SU	-	7095	7125	77.07	63.53
802.11ax HE20	MCS 11x1	106	53	7095	7125	73.19	51.50

Table 219 - SISO Authorised Band Edge Results

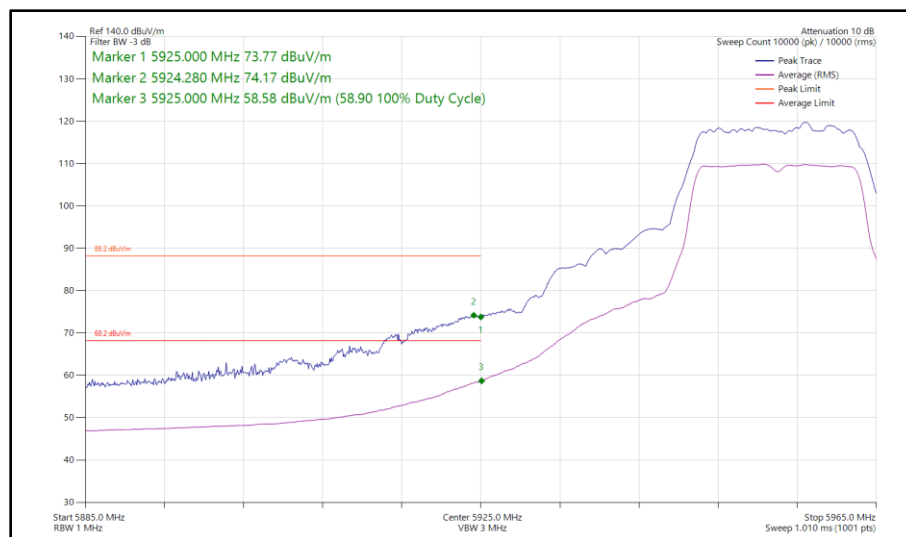
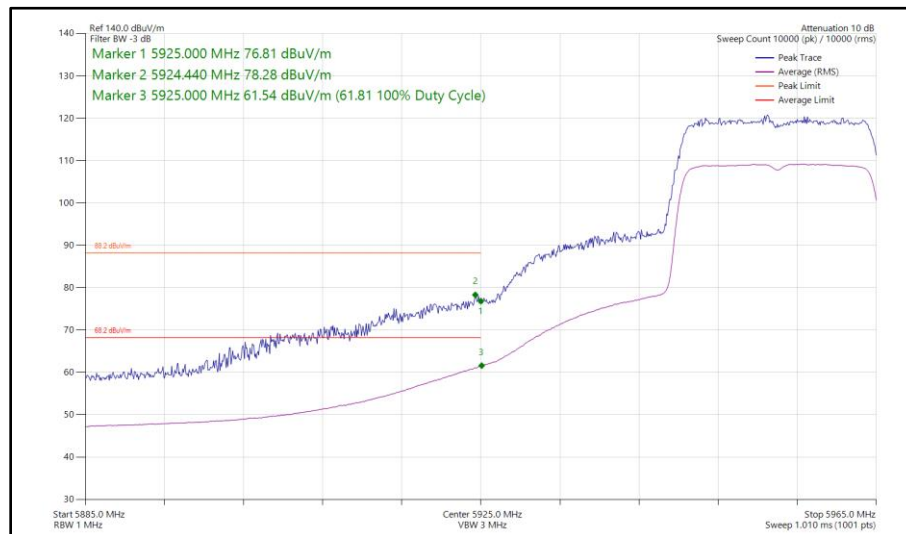
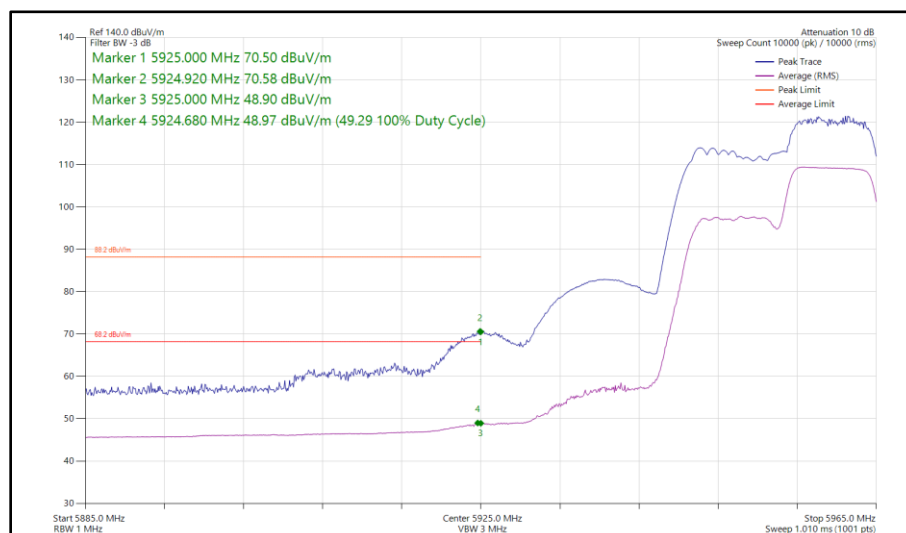


Figure 162 - 802.11a, SISO, Core 0 - 5955 MHz
Band Edge Frequency 5925 MHz



**Figure 163 - 802.11ax HE20, SU, SISO, Core 0 - 5955 MHz
Band Edge Frequency 5925 MHz**



**Figure 164 - 802.11ax HE20, RU 106-54, SISO, Core 0 - 5955 MHz
Band Edge Frequency 5925 MHz**

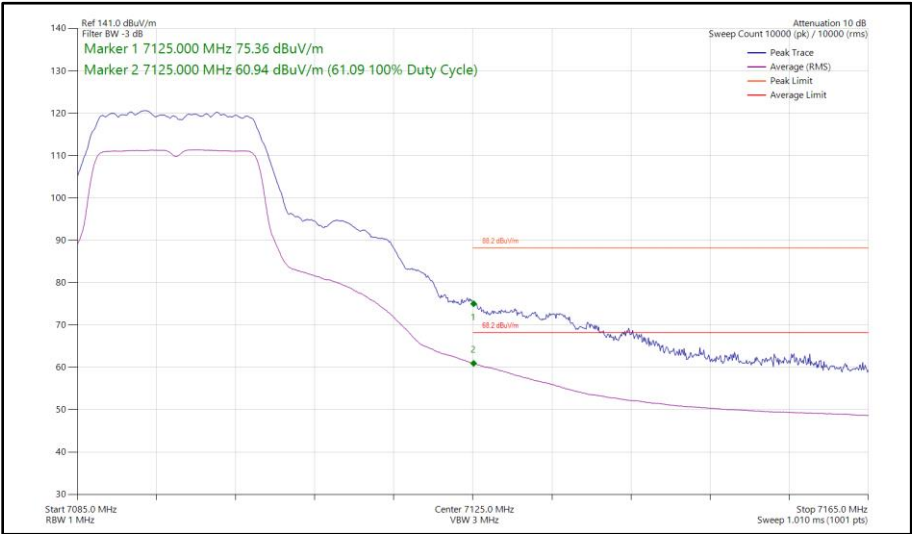


Figure 165 - 802.11a, SISO, Core 0 - 7095 MHz
Band Edge Frequency 7125 MHz

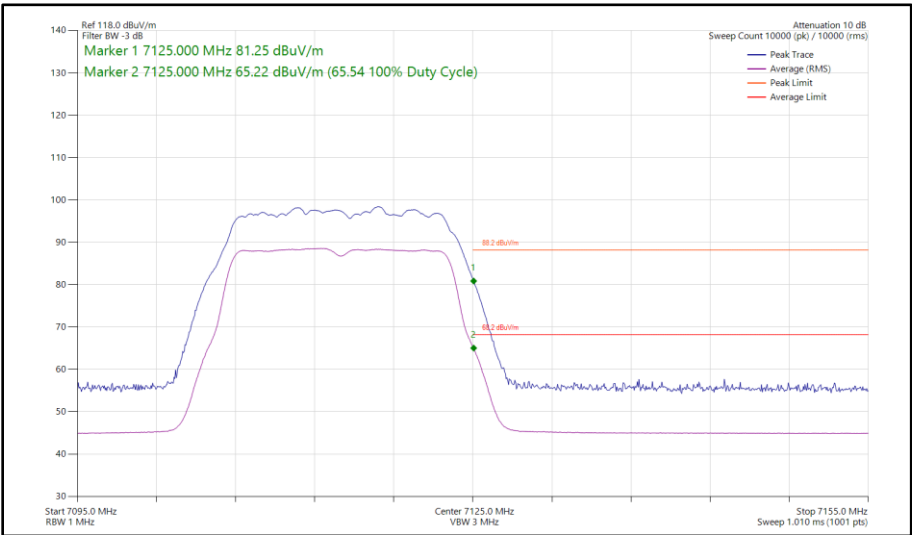
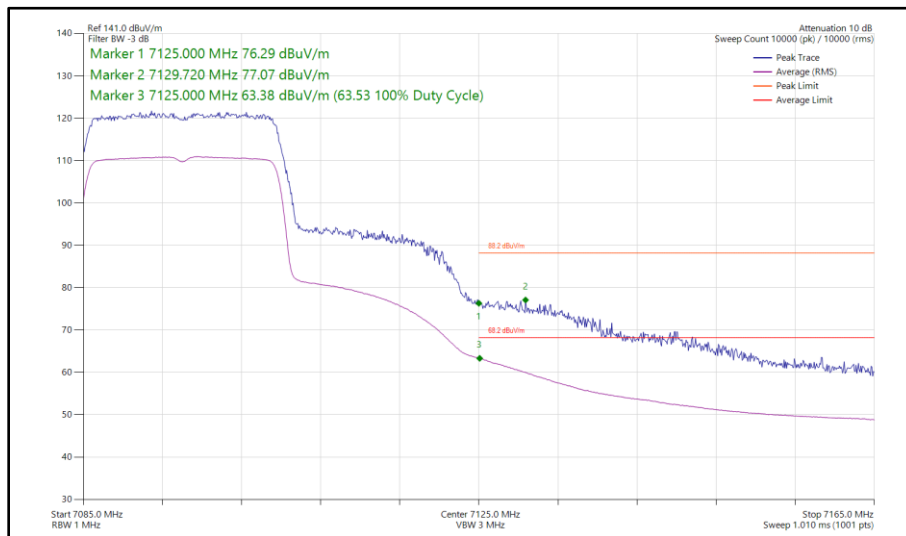
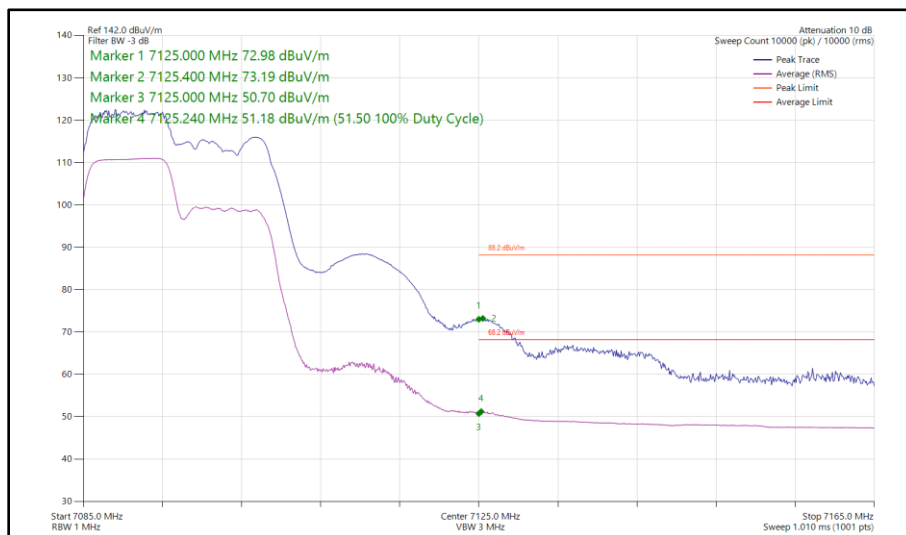


Figure 166 - 802.11a, SISO, Core 0 - 7115 MHz
Band Edge Frequency 7125 MHz



**Figure 167 - 802.11ax HE20, SU, SISO, Core 0 - 7095 MHz
Band Edge Frequency 7125 MHz**

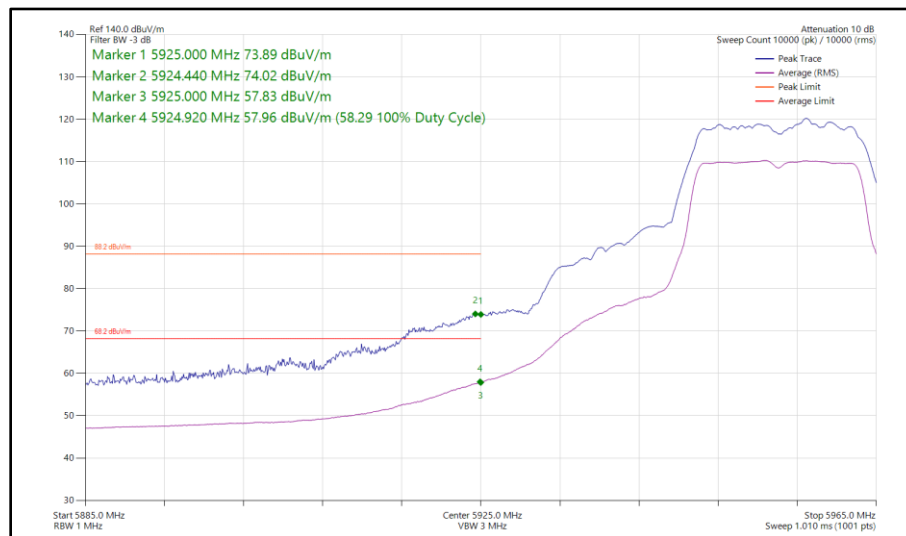


**Figure 168 - 802.11ax HE20, RU 106-53, SISO, Core 0 - 7095 MHz
Band Edge Frequency 7125 MHz**

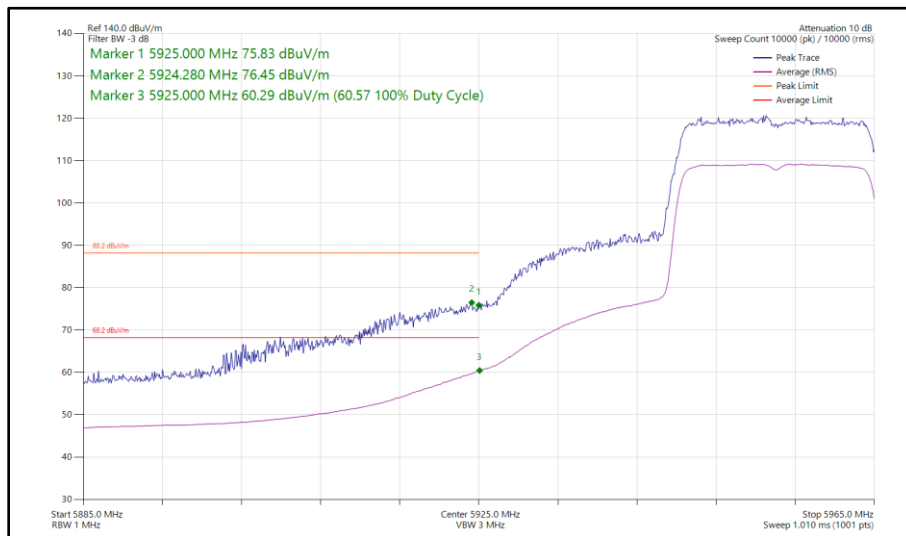
20 MHz Bandwidth - Core 1 (SISO)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11a	54 Mbps	-	-	5955	5925	74.02	58.29
802.11ax HE20	MCS 4x1	SU	-	5955	5925	76.45	60.57
802.11ax HE20	MCS 11x1	106	53	5955	5925	69.90	49.45
802.11a	54 Mbps	-	-	7095	7125	74.03	60.10
802.11a	54 Mbps	-	-	7115	7125	82.87	65.54
802.11ax HE20	MCS 2x1	SU	-	7095	7125	75.60	62.32
802.11ax HE20	MCS 11x1	106	53	7095	7125	72.38	50.47

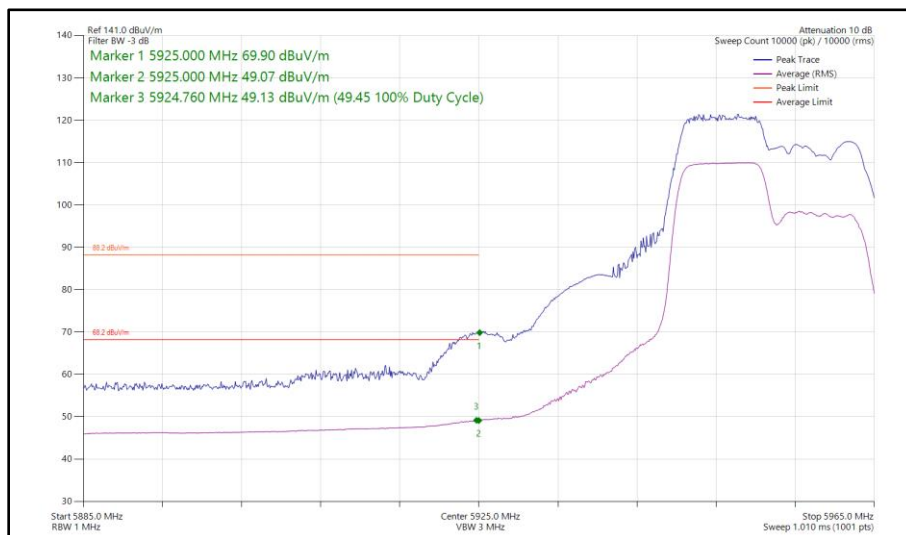
Table 220 - SISO Authorised Band Edge Results



**Figure 169 - 802.11a, SISO, Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz**



**Figure 170 - 802.11ax HE20, SU, SISO, Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz**



**Figure 171 - 802.11ax HE20, RU 106-53, SISO, Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz**

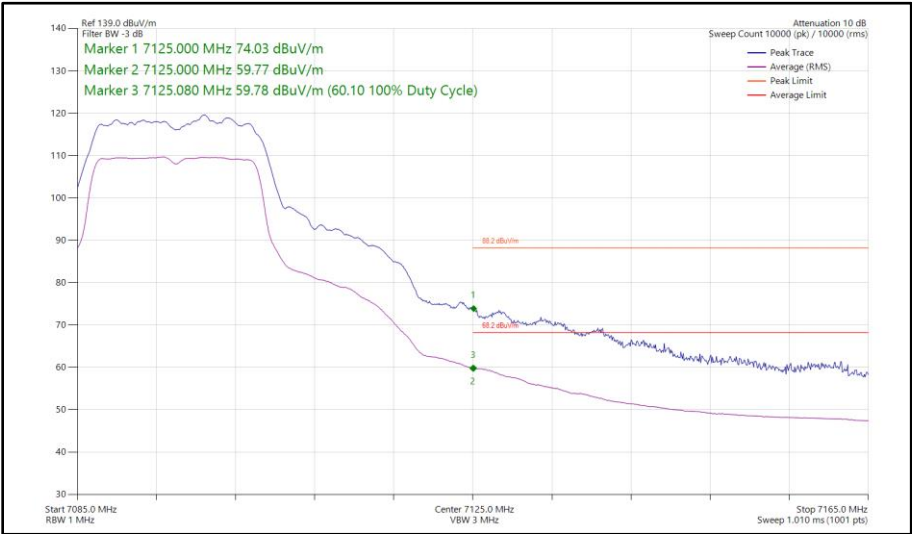


Figure 172 - 802.11a, SISO, Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz

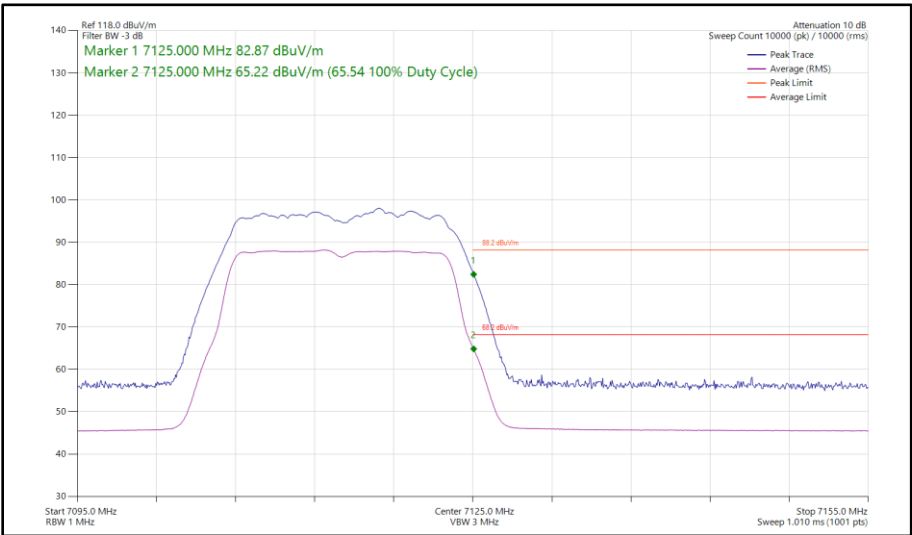


Figure 173 - 802.11a, SISO, Core 1 - 7115 MHz
Band Edge Frequency 7125 MHz

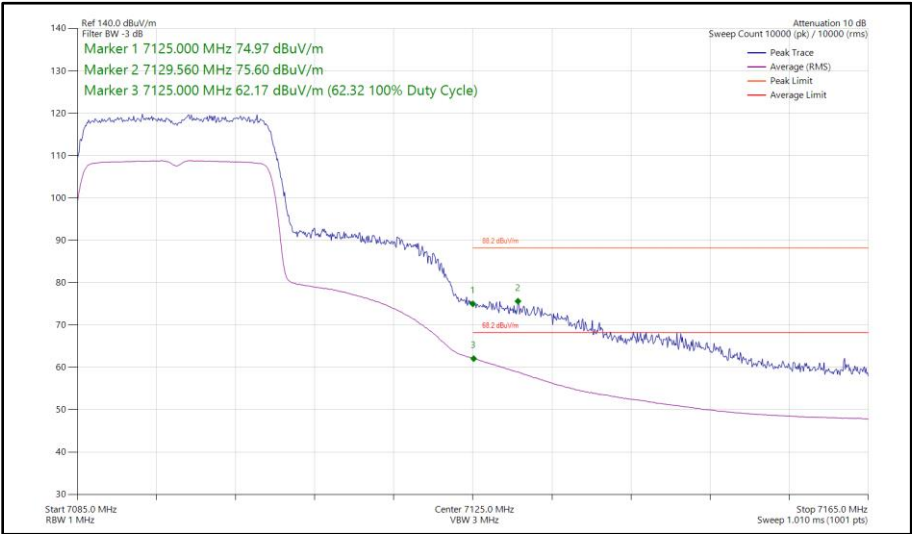


Figure 174 - 802.11ax HE20, SU, SISO, Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz

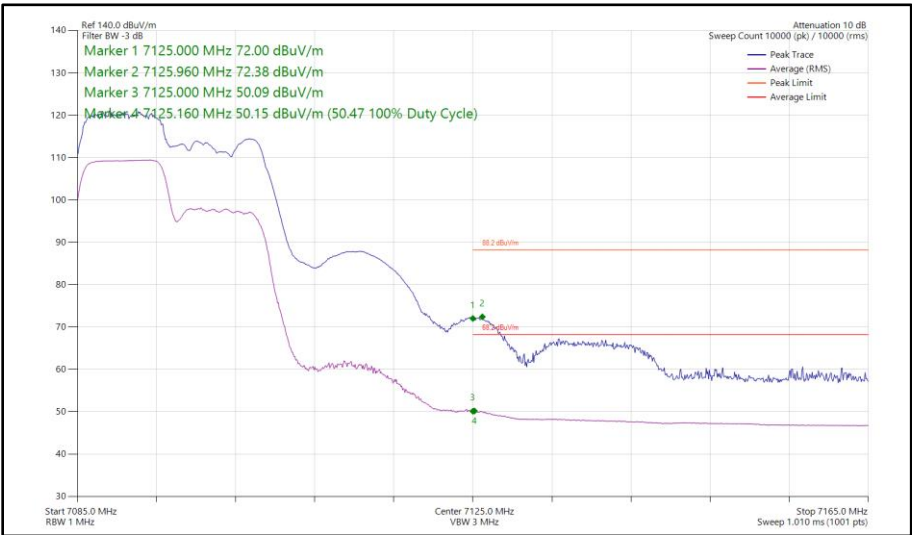


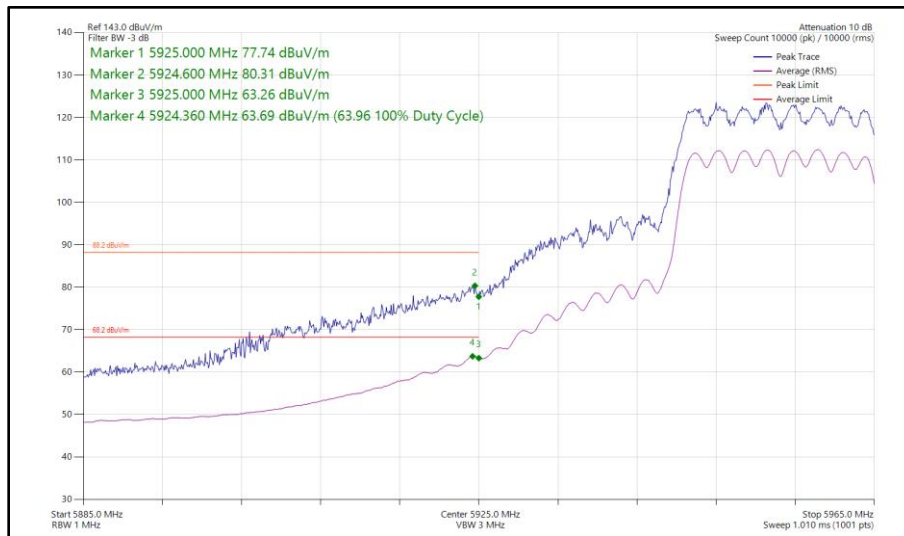
Figure 175 - 802.11ax HE20, RU 106-53, SISO, Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz



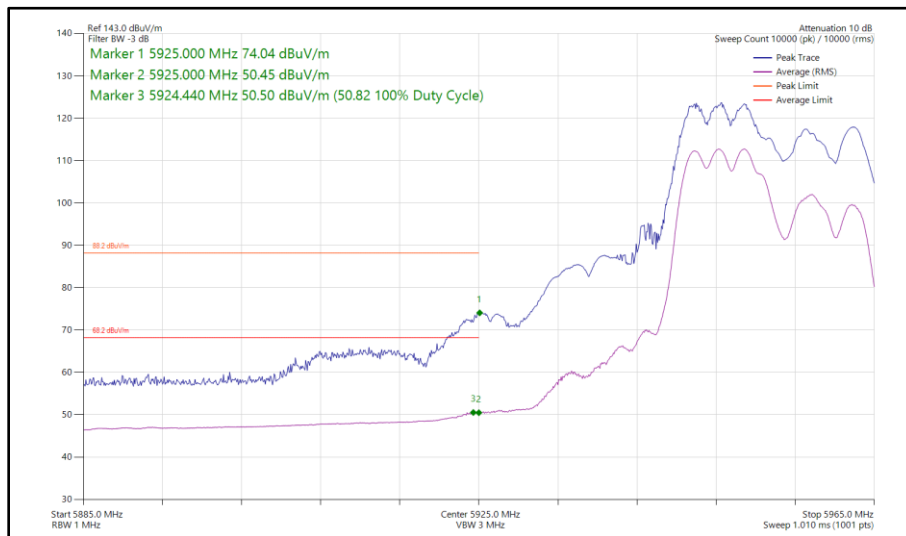
20 MHz Bandwidth - Core 0 - Core 1 (CDD)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE20	MCS 4x1	SU	-	5955	5925	80.31	63.96
802.11ax HE20	MCS 11x1	106	53	5955	5925	74.04	50.82
802.11ax HE20	MCS 11x1	SU	-	7095	7125	82.19	62.47
802.11ax HE20	MCS 11x1	106	54	7095	7125	72.80	51.52

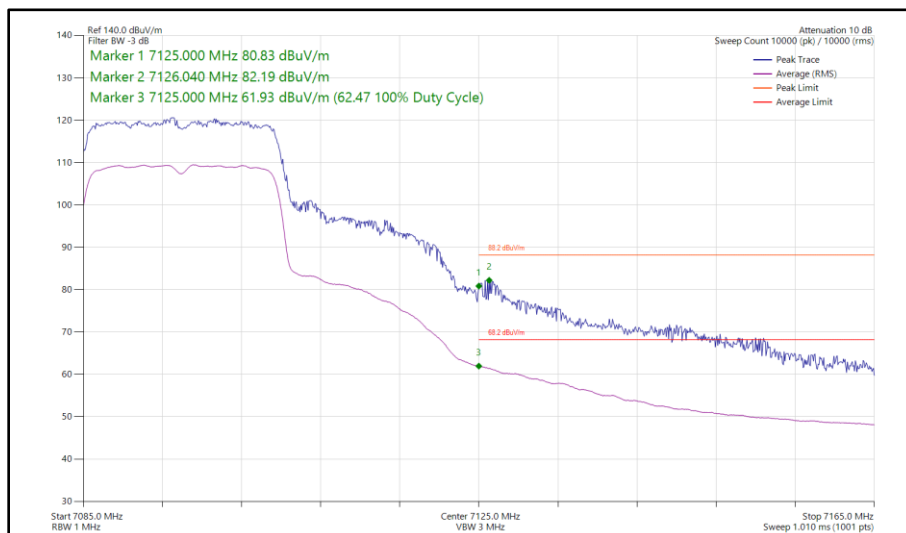
Table 221 - CDD Authorised Band Edge Results



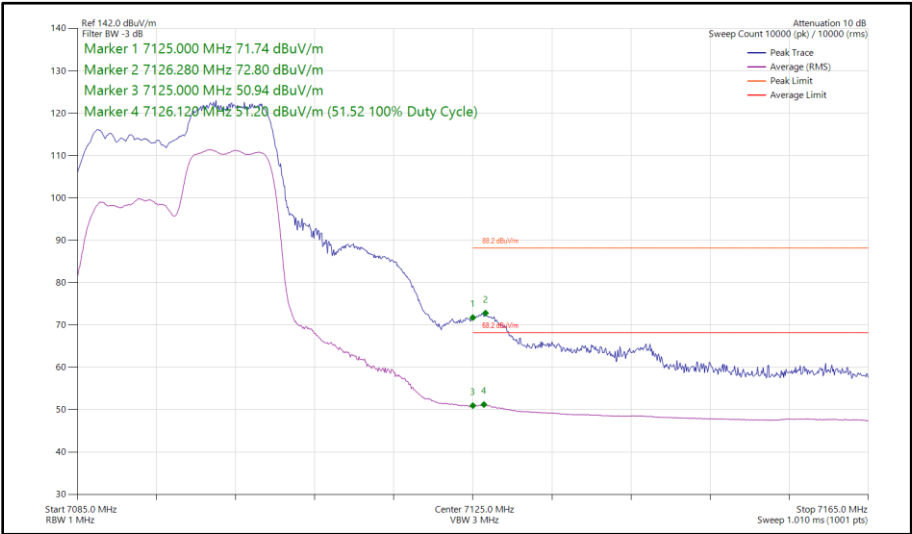
**Figure 176 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz**



**Figure 177 - 802.11ax HE20, RU 106-53, CDD, Core 0 - Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz**



**Figure 178 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz**



**Figure 179 - 802.11ax HE20, RU 106-54, CDD, Core 0 - Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz**

20 MHz Bandwidth - Core 0 - Core 1 (SDM)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE20	MCS 4x2	SU	-	5955	5925	78.21	64.13
802.11ax HE20	MCS 11x2	106	53	5955	5925	74.24	51.42
802.11ax HE20	MCS 11x2	SU	-	7095	7125	81.46	62.66
802.11ax HE20	MCS 11x2	106	53	7095	7125	72.32	51.02

Table 222 - SDM Authorised Band Edge Results

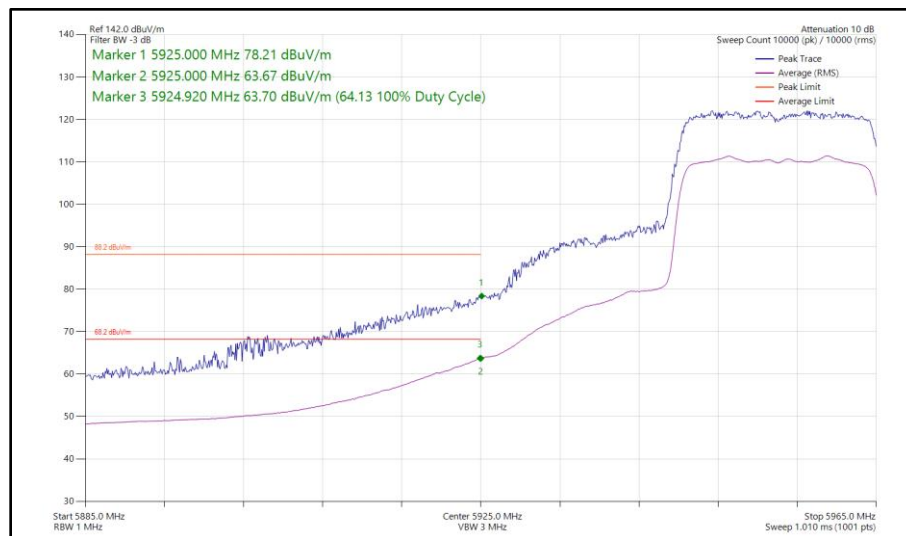
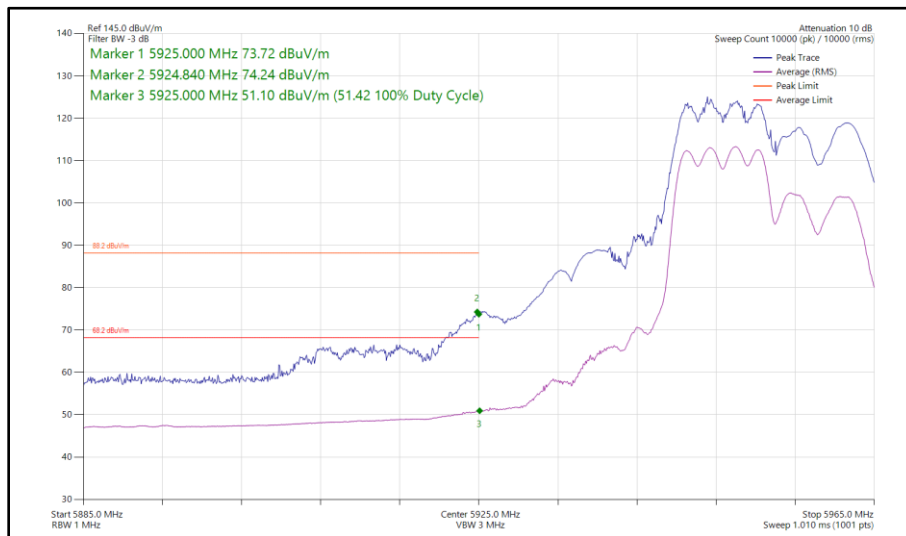
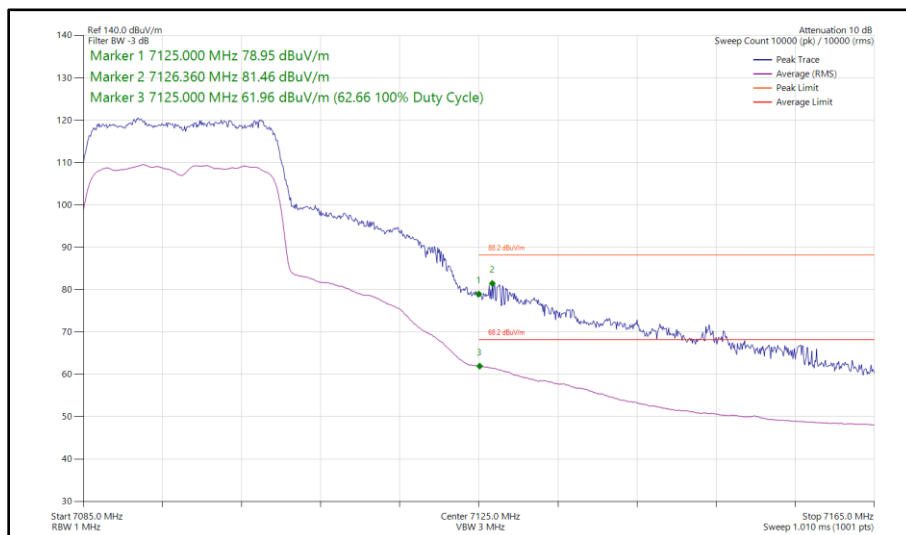


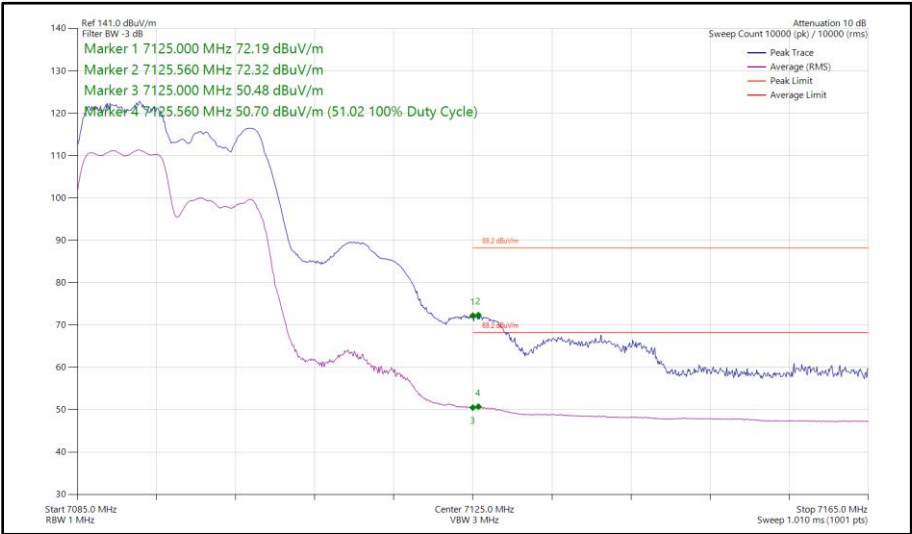
Figure 180 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz



**Figure 181 - 802.11ax HE20, RU 106-53, SDM, Core 0 - Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz**



**Figure 182 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz**



**Figure 183 - 802.11ax HE20, RU 106-53, SDM, Core 0 - Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz**