



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11be EHT20 RU Size 106 + RU Size 26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU Size 106 + RU Size 26.82)	100.0	-	-0.65	-	-	-0.65	8.00	-8.65
2442 (RU Size 106 + RU Size 26.82)	100.0	-	0.43	-	-	0.43	8.00	-7.57
2472 (RU Size 106 + RU Size 26.83)	100.0	-	-17.23	-	-	-17.23	8.00	-25.23

Table 179 - Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU Size 106 + RU Size 26.82)	100.0	-	-0.65	-	-	-0.65	8.00	-8.65
2442 (RU Size 106 + RU Size 26.82)	100.0	-	0.43	-	-	0.43	8.00	-7.57
2472 (RU Size 106 + RU Size 26.83)	100.0	-	-17.23	-	-	-17.23	8.00	-25.23

Table 180 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11g	Duty Cycle (%):	97.2
Data Rate:	12 Mbps	DCCF (dB):	0.12
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.61
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-4.90	-4.73	-	-	-1.80	5.39	-7.19
2432	51.0	-0.05	-0.30	-	-	2.83	5.39	-2.55
2442	100.0	0.73	0.99	-	-	3.87	5.39	-1.52
2472	100.0	-13.64	-13.75	-	-	-10.68	5.39	-16.07

Table 181 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-4.90	-4.73	-	-	-1.80	8.00	-9.80
2432	51.0	-0.05	-0.30	-	-	2.83	8.00	-5.17
2442	100.0	0.73	0.99	-	-	3.87	8.00	-4.13
2472	100.0	-13.64	-13.75	-	-	-10.68	8.00	-18.68

Table 182 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	99.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.04
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.61
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-4.79	-4.80	-	-	-1.79	5.39	-7.17
2437	51.0	-0.54	-0.64	-	-	2.42	5.39	-2.97
2442	100.0	0.28	0.21	-	-	3.25	5.39	-2.13
2472	100.0	-13.69	-13.90	-	-	-10.78	5.39	-16.17

Table 183 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-4.79	-4.80	-	-	-1.79	8.00	-9.79
2437	51.0	-0.54	-0.64	-	-	2.42	8.00	-5.58
2442	100.0	0.28	0.21	-	-	3.25	8.00	-4.75
2472	100.0	-13.69	-13.90	-	-	-10.78	8.00	-18.78

Table 184 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	99.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.04
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.61
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-6.98	-6.95	-	-	-3.95	5.39	-9.34
2437	100.0	0.87	0.38	-	-	3.64	5.39	-1.75
2442	100.0	-0.90	-1.23	-	-	1.95	5.39	-3.44
2472	100.0	-17.48	-17.33	-	-	-14.40	5.39	-19.78

Table 185 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-6.98	-6.95	-	-	-3.95	8.00	-11.95
2437	100.0	0.87	0.38	-	-	3.64	8.00	-4.36
2442	100.0	-0.90	-1.23	-	-	1.95	8.00	-6.05
2472	100.0	-17.48	-17.33	-	-	-14.40	8.00	-22.40

Table 186 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	98.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.06
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.61
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU26.0)	100.0	0.80	0.32	-	-	3.57	5.39	-1.82
2442 (RU26.0)	100.0	1.22	0.80	-	-	4.03	5.39	-1.36
2472 (RU26.8)	100.0	-20.21	-20.87	-	-	-17.52	5.39	-22.91

Table 187 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU26.0)	100.0	0.80	0.32	-	-	3.57	8.00	-4.43
2442 (RU26.0)	100.0	1.22	0.80	-	-	4.03	8.00	-3.97
2472 (RU26.8)	100.0	-20.21	-20.87	-	-	-17.52	8.00	-25.52

Table 188 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	98.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.06
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.61
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU52.37)	100.0	1.42	0.72	-	-	4.10	5.39	-1.29
2442 (RU52.37)	100.0	0.54	0.66	-	-	3.61	5.39	-1.78
2472 (RU52.40)	100.0	-20.63	-20.56	-	-	-17.59	5.39	-22.98

Table 189 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU52.37)	100.0	1.42	0.72	-	-	4.10	8.00	-3.90
2442 (RU52.37)	100.0	0.54	0.66	-	-	3.61	8.00	-4.39
2472 (RU52.40)	100.0	-20.63	-20.56	-	-	-17.59	8.00	-25.59

Table 190 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.06
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.61
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU106.53)	100.0	-1.22	-1.32	-	-	1.74	5.39	-3.65
2442 (RU106.53)	100.0	0.81	0.91	-	-	3.87	5.39	-1.52
2472 (RU106.54)	100.0	-20.11	-20.08	-	-	-17.08	5.39	-22.47

Table 191 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU106.53)	100.0	-1.22	-1.32	-	-	1.74	8.00	-6.26
2442 (RU106.53)	100.0	0.81	0.91	-	-	3.87	8.00	-4.13
2472 (RU106.54)	100.0	-20.11	-20.08	-	-	-17.08	8.00	-25.08

Table 192 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11be EHT20 RU Size 52 + RU Size 26	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.61
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU Size 52 + RU Size 26.70)	100.0	-0.83	-0.98	-	-	2.11	5.39	-3.28
2442 (RU Size 52 + RU Size 26.70)	100.0	0.55	0.37	-	-	3.47	5.39	-1.92
2472 (RU Size 52 + RU Size 26.72)	100.0	-20.80	-20.75	-	-	-17.76	5.39	-23.15

Table 193 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU Size 52 + RU Size 26.70)	100.0	-0.83	-0.98	-	-	2.11	8.00	-5.89
2442 (RU Size 52 + RU Size 26.70)	100.0	0.55	0.37	-	-	3.47	8.00	-4.53
2472 (RU Size 52 + RU Size 26.72)	100.0	-20.80	-20.75	-	-	-17.76	8.00	-25.76

Table 194 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11be EHT20 RU Size 106 + RU Size 26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.61
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU Size 106 + RU Size 26.82)	100.0	-2.40	-2.18	-	-	0.72	5.39	-4.67
2442 (RU Size 106 + RU Size 26.82)	100.0	0.72	0.55	-	-	3.65	5.39	-1.74
2472 (RU Size 106 + RU Size 26.83)	100.0	-19.57	-19.63	-	-	-16.59	5.39	-21.98

Table 195 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU Size 106 + RU Size 26.82)	100.0	-2.40	-2.18	-	-	0.72	8.00	-7.28
2442 (RU Size 106 + RU Size 26.82)	100.0	0.72	0.55	-	-	3.65	8.00	-4.35
2472 (RU Size 106 + RU Size 26.83)	100.0	-19.57	-19.63	-	-	-16.59	8.00	-24.59

Table 196 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	99.1
Modulation Coding Scheme:	MCS10	DCCF (dB):	0.04
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.60
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-4.83	-4.71	-	-	-1.76	8.00	-9.76
2432	100.0	1.73	1.69	-	-	4.72	8.00	-3.28
2442	100.0	-0.23	-0.46	-	-	2.67	8.00	-5.33
2472	100.0	-14.12	-13.92	-	-	-11.01	8.00	-19.01

Table 197 - Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-4.83	-4.71	-	-	-1.76	8.00	-9.76
2432	100.0	1.73	1.69	-	-	4.72	8.00	-3.28
2442	100.0	-0.23	-0.46	-	-	2.67	8.00	-5.33
2472	100.0	-14.12	-13.92	-	-	-11.01	8.00	-19.01

Table 198 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	99.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.04
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.60
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-6.41	-6.69	-	-	-3.54	8.00	-11.54
2437	100.0	0.70	0.39	-	-	3.56	8.00	-4.44
2442	100.0	-1.53	-1.55	-	-	1.47	8.00	-6.53
2472	100.0	-17.01	-16.96	-	-	-13.98	8.00	-21.98

Table 199 - Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-6.41	-6.69	-	-	-3.54	8.00	-11.54
2437	100.0	0.70	0.39	-	-	3.56	8.00	-4.44
2442	100.0	-1.53	-1.55	-	-	1.47	8.00	-6.53
2472	100.0	-17.01	-16.96	-	-	-13.98	8.00	-21.98

Table 200 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	98.5
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.06
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.60
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU26.0)	100.0	0.94	0.64	-	-	3.81	8.00	-4.19
2442 (RU26.0)	100.0	1.05	0.94	-	-	4.00	8.00	-4.00
2472 (RU26.8)	100.0	-19.93	-19.78	-	-	-16.84	8.00	-24.84

Table 201 - Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU26.0)	100.0	0.94	0.64	-	-	3.81	8.00	-4.19
2442 (RU26.0)	100.0	1.05	0.94	-	-	4.00	8.00	-4.00
2472 (RU26.8)	100.0	-19.93	-19.78	-	-	-16.84	8.00	-24.84

Table 202 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	98.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.06
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.60
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU52.37)	100.0	0.96	1.10	-	-	4.04	8.00	-3.96
2442 (RU52.37)	100.0	1.19	0.74	-	-	3.98	8.00	-4.02
2472 (RU52.40)	100.0	-19.45	-19.28	-	-	-16.35	8.00	-24.35

Table 203 - Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU52.37)	100.0	0.96	1.10	-	-	4.04	8.00	-3.96
2442 (RU52.37)	100.0	1.19	0.74	-	-	3.98	8.00	-4.02
2472 (RU52.40)	100.0	-19.45	-19.28	-	-	-16.35	8.00	-24.35

Table 204 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.06
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.60
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU106.53)	100.0	-0.76	-1.15	-	-	2.06	8.00	-5.94
2442 (RU106.53)	100.0	1.11	0.81	-	-	3.97	8.00	-4.03
2472 (RU106.54)	100.0	-18.56	-18.87	-	-	-15.70	8.00	-23.70

Table 205 - Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU106.53)	100.0	-0.76	-1.15	-	-	2.06	8.00	-5.94
2442 (RU106.53)	100.0	1.11	0.81	-	-	3.97	8.00	-4.03
2472 (RU106.54)	100.0	-18.56	-18.87	-	-	-15.70	8.00	-23.70

Table 206 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11be EHT20 RU Size 52 + RU Size 26	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.60
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU Size 52 + RU Size 26.70)	100.0	-0.47	-1.07	-	-	2.25	8.00	-5.75
2442 (RU Size 52 + RU Size 26.70)	100.0	1.09	0.96	-	-	4.04	8.00	-3.96
2472 (RU Size 52 + RU Size 26.72)	100.0	-20.93	-21.11	-	-	-18.01	8.00	-26.01

Table 207 - Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU Size 52 + RU Size 26.70)	100.0	-0.47	-1.07	-	-	2.25	8.00	-5.75
2442 (RU Size 52 + RU Size 26.70)	100.0	1.09	0.96	-	-	4.04	8.00	-3.96
2472 (RU Size 52 + RU Size 26.72)	100.0	-20.93	-21.11	-	-	-18.01	8.00	-26.01

Table 208 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11be EHT20 RU Size 106 + RU Size 26	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.60
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU Size 106 + RU Size 26.82)	100.0	-1.67	-1.73	-	-	1.31	8.00	-6.69
2442 (RU Size 106 + RU Size 26.82)	100.0	0.94	0.74	-	-	3.85	8.00	-4.15
2472 (RU Size 106 + RU Size 26.83)	100.0	-19.44	-19.32	-	-	-16.37	8.00	-24.37

Table 209 - Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU Size 106 + RU Size 26.82)	100.0	-1.67	-1.73	-	-	1.31	8.00	-6.69
2442 (RU Size 106 + RU Size 26.82)	100.0	0.94	0.74	-	-	3.85	8.00	-4.15
2472 (RU Size 106 + RU Size 26.83)	100.0	-19.44	-19.32	-	-	-16.37	8.00	-24.37

Table 210 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ac VHT20	Duty Cycle (%):	99.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.04
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	8.61
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-5.95	-5.75	-	-	-2.84	5.39	-8.23
2442	100.0	-0.57	-0.70	-	-	2.38	5.39	-3.01
2472	100.0	-13.90	-13.92	-	-	-10.90	5.39	-16.29

Table 211 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-5.95	-5.75	-	-	-2.84	8.00	-10.84
2442	100.0	-0.57	-0.70	-	-	2.38	8.00	-5.62
2472	100.0	-13.90	-13.92	-	-	-10.90	8.00	-18.90

Table 212 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	99.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.04
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	8.61
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-6.91	-6.73	-	-	-3.80	5.39	-9.19
2437	100.0	-0.94	-1.20	-	-	1.94	5.39	-3.45
2442	100.0	-2.00	-1.98	-	-	1.02	5.39	-4.37
2472	100.0	-17.92	-17.77	-	-	-14.83	5.39	-20.22

Table 213 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-6.91	-6.73	-	-	-3.80	8.00	-11.80
2437	100.0	-0.94	-1.20	-	-	1.94	8.00	-6.06
2442	100.0	-2.00	-1.98	-	-	1.02	8.00	-6.98
2472	100.0	-17.92	-17.77	-	-	-14.83	8.00	-22.83

Table 214 - ISECD Maximum Power Spectral Density Results

FCC 47 CFR Part 15, Limit Clause 15.247 (e)

The power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

ISED RSS-247, Limit Clause 6.3.1(b)

The transmitter power spectral density conducted from the transmitter to the antenna(s) shall not be greater than 8 dBm/3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of RSS-247 clause 6.3.2. The power spectral density shall be determined using the same method as is used to determine the maximum conducted output power.



2.6.7 Test Location and Test Equipment Used

This test was carried out in RF Laboratory 18.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Digital Multimeter	Fluke	115	6147	12	03-Jun-2027
Humidity and Temperature Meter	R.S Components	1364	6346	12	31-Mar-2027
MXA Signal Analyzer	Keysight Technologies	N9020B	6416	24	07-May-2027
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6518	12	25-Feb-2027
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6529	12	25-Feb-2027
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6530	12	25-Feb-2027
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6531	12	25-Feb-2027
USB Wideband Power Sensor	Boonton	RTP5008	6587	12	25-Feb-2027
USB Wideband Power Sensor	Boonton	RTP5008	6588	12	25-Feb-2027
USB Wideband Power Sensor	Boonton	RTP5008	6589	12	25-Feb-2027
AC Programmable Power Supply	iTech	IT7324	6662	-	O/P Mon
DC Power Module	Keysight Technologies	N6754A	6663	-	O/P Mon
Modular Power System Mainframe	Keysight Technologies	N6701C	6664	-	O/P Mon
Digital Thermometer	R.S Components	RS 5511	6739	12	02-Mar-2027

Table 215

O/P Mon – Output Monitored using calibrated equipment



3 Measurement Uncertainty

For a 95% confidence level, the measurement uncertainties for defined systems are:

Test Name	Measurement Uncertainty
Restricted Band Edges	30 MHz to 1 GHz: ± 5.2 dB 1 GHz to 40 GHz: ± 6.3 dB
Maximum Conducted Output Power	Method PM: ± 0.65 dB Method SA: ± 1.05 dB
Emission Bandwidth	± 341.44 kHz
Authorised Band Edges	30 MHz to 1 GHz: ± 5.2 dB 1 GHz to 40 GHz: ± 6.3 dB
Spurious Radiated Emissions	30 MHz to 1 GHz: ± 5.2 dB 1 GHz to 40 GHz: ± 6.3 dB
Power Spectral Density	± 1.00 dB

Table 216

Measurement Uncertainty Decision Rule – Accuracy Method

Determination of conformity with the specification limits is based on the decision rule according to IEC Guide 115:2021, Clause 4.4.3 (Procedure 2). The measurement results are directly compared with the test limit to determine conformance with the requirements of the standard.

Risk: The uncertainty of measurement about the measured result is negligible with regard to the final pass/fail decision. The measurement result can be directly compared with the test limit to determine conformance with the requirement (compare IEC Guide 115). The level of risk to falsely accept and falsely reject items is further described in ILAC-G8.