



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):	0.19
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6145	-	-11.42	-	-	-11.42	4.20	-7.22	-5.00	-2.22
6225	-	-11.32	-	-	-11.32	4.20	-7.12	-5.00	-2.12
6385	-	-12.87	-	-	-12.87	5.70	-7.17	-5.00	-2.17
6625	-	-11.80	-	-	-11.80	4.00	-7.80	-5.00	-2.80
6705	-	-11.75	-	-	-11.75	4.00	-7.75	-5.00	-2.75
6785	-	-11.32	-	-	-11.32	4.00	-7.32	-5.00	-2.32

Table 228 - 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):	5.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6185	-	-11.66	-	-	-11.66	4.20	-7.46	-5.00	-2.46
6345	-	-12.68	-	-	-12.68	5.70	-6.98	-5.00	-1.98
6665	-	-11.42	-	-	-11.42	4.00	-7.42	-5.00	-2.42

Table 229 - 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 RU106 VLP	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.09
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.20
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6115 (RU106.53)	-	-11.78	-	-	-11.78	4.20	-7.58	-5.00	-2.58
6175 (RU106.53)	-	-11.06	-	-	-11.06	4.20	-6.86	-5.00	-1.86
6255 (RU106.54)	-	-11.28	-	-	-11.28	4.20	-7.08	-5.00	-2.08
6535 (RU106.53)	-	-11.31	-	-	-11.31	4.00	-7.31	-5.00	-2.31
6695 (RU106.53)	-	-10.99	-	-	-10.99	4.00	-6.99	-5.00	-1.99
6855 (RU106.54)	-	-11.34	-	-	-11.34	4.00	-7.34	-5.00	-2.34

Table 230 - 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	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):	7.56
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	-13.12	-13.76	-	-	-10.42	6.92	-3.49	-1.00	-2.49
6175	-12.94	-13.07	-	-	-9.99	6.36	-3.64	-1.00	-2.64
6415	-13.44	-14.38	-	-	-10.87	7.42	-3.45	-1.00	-2.45
6435	-13.97	-14.52	-	-	-11.23	7.56	-3.67	-1.00	-2.67
6475	-13.57	-14.56	-	-	-11.03	7.56	-3.47	-1.00	-2.47
6515	-14.01	-14.87	-	-	-11.41	7.56	-3.85	-1.00	-2.85
6535	-13.27	-13.88	-	-	-10.56	6.91	-3.64	-1.00	-2.64
6695	-13.52	-14.53	-	-	-10.99	6.91	-4.07	-1.00	-3.07
6855	-13.02	-14.49	-	-	-10.68	6.91	-3.77	-1.00	-2.77
6875	-13.71	-14.98	-	-	-11.29	6.91	-4.38	-1.00	-3.38
6895	-13.41	-14.36	-	-	-10.85	6.83	-4.02	-1.00	-3.02
6995	-13.29	-14.56	-	-	-10.87	6.83	-4.04	-1.00	-3.04
7095	-13.16	-15.44	-	-	-11.14	6.83	-4.31	-1.00	-3.31

Table 231 - 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	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 (%):	93.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.30
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.56
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	-13.52	-14.59	-	-	-11.01	6.92	-4.09	-1.00	-3.09
6165	-13.18	-13.49	-	-	-10.32	6.36	-3.97	-1.00	-2.97
6405	-13.82	-14.39	-	-	-11.09	7.42	-3.66	-1.00	-2.66
6445	-14.11	-14.54	-	-	-11.31	7.56	-3.75	-1.00	-2.75
6485	-14.17	-14.40	-	-	-11.28	7.56	-3.72	-1.00	-2.72
6525	-14.44	-14.49	-	-	-11.45	7.56	-3.89	-1.00	-2.89
6565	-14.22	-14.28	-	-	-11.24	6.91	-4.33	-1.00	-3.33
6685	-13.67	-14.17	-	-	-10.91	6.91	-3.99	-1.00	-2.99
6845	-13.22	-14.01	-	-	-10.59	6.91	-3.67	-1.00	-2.67
6885	-13.50	-14.04	-	-	-10.75	7.12	-3.64	-1.00	-2.64
6925	-14.01	-14.86	-	-	-11.40	6.83	-4.57	-1.00	-3.57
7005	-13.61	-15.29	-	-	-11.36	6.83	-4.53	-1.00	-3.53
7085	-13.08	-15.28	-	-	-11.03	6.83	-4.20	-1.00	-3.20

Table 232 - 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	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):	7.56
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	-13.13	-13.60	-	-	-10.35	6.92	-3.42	-1.00	-2.42
6145	-12.24	-12.62	-	-	-9.42	6.36	-3.06	-1.00	-2.06
6385	-13.64	-14.15	-	-	-10.88	7.42	-3.45	-1.00	-2.45
6465	-13.56	-13.83	-	-	-10.68	7.56	-3.12	-1.00	-2.12
6545	-13.96	-14.23	-	-	-11.08	7.56	-3.52	-1.00	-2.52
6625	-13.64	-13.67	-	-	-10.64	6.91	-3.73	-1.00	-2.73
6705	-13.23	-13.37	-	-	-10.29	6.91	-3.38	-1.00	-2.38
6785	-13.21	-13.22	-	-	-10.21	6.91	-3.30	-1.00	-2.30
6865	-13.22	-13.69	-	-	-10.44	6.91	-3.53	-1.00	-2.53
6945	-13.52	-14.38	-	-	-10.92	6.83	-4.08	-1.00	-3.08
7025	-13.04	-14.10	-	-	-10.53	6.83	-3.70	-1.00	-2.70

Table 233 - 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	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 (%):	92.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.33
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.56
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	-12.09	-12.18	-	-	-9.12	6.92	-2.20	-1.00	-1.20
6185	-12.06	-12.55	-	-	-9.29	6.36	-2.93	-1.00	-1.93
6345	-12.91	-13.36	-	-	-10.12	7.42	-2.70	-1.00	-1.70
6505	-13.77	-13.57	-	-	-10.66	7.56	-3.10	-1.00	-2.10
6665	-12.81	-12.61	-	-	-9.69	6.91	-2.78	-1.00	-1.78
6825	-12.84	-12.96	-	-	-9.89	6.91	-2.98	-1.00	-1.98
6985	-13.18	-14.07	-	-	-10.59	6.83	-3.76	-1.00	-2.76

Table 234 - 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	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 (%):	95.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.56
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)	-12.42	-13.21	-	-	-9.79	6.92	-2.86	-1.00	-1.86
6175 (RU52.37)	-13.02	-12.77	-	-	-9.88	6.36	-3.53	-1.00	-2.53
6415 (RU52.40)	-13.15	-14.02	-	-	-10.55	7.42	-3.13	-1.00	-2.13
6435 (RU52.37)	-13.27	-14.32	-	-	-10.75	7.56	-3.19	-1.00	-2.19
6475 (RU52.37)	-13.57	-14.40	-	-	-10.95	7.56	-3.39	-1.00	-2.39
6515 (RU52.40)	-13.56	-14.10	-	-	-10.81	7.56	-3.25	-1.00	-2.25
6535 (RU52.37)	-13.00	-13.63	-	-	-10.30	6.91	-3.39	-1.00	-2.39
6695 (RU52.37)	-13.16	-13.81	-	-	-10.46	6.91	-3.55	-1.00	-2.55
6855 (RU52.40)	-12.98	-13.41	-	-	-10.18	6.91	-3.27	-1.00	-2.27
6875 (RU52.38)	-12.85	-13.99	-	-	-10.38	6.91	-3.46	-1.00	-2.46
6875 (RU52.39)	-12.79	-13.93	-	-	-10.31	6.91	-3.40	-1.00	-2.40
6895 (RU52.37)	-12.79	-13.83	-	-	-10.27	6.83	-3.44	-1.00	-2.44
6995 (RU52.37)	-12.67	-14.35	-	-	-10.42	6.83	-3.59	-1.00	-2.59
7095 (RU52.40)	-12.90	-15.16	-	-	-10.88	6.83	-4.04	-1.00	-3.04

Table 235 - 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	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):	7.56
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)	-12.66	-13.22	-	-	-9.92	6.92	-2.99	-1.00	-1.99
6175 (RU106.53)	-12.74	-12.63	-	-	-9.68	6.36	-3.32	-1.00	-2.32
6415 (RU106.54)	-13.32	-14.52	-	-	-10.87	7.42	-3.45	-1.00	-2.45
6435 (RU106.53)	-13.60	-14.61	-	-	-11.06	7.56	-3.50	-1.00	-2.50
6475 (RU106.53)	-13.47	-14.37	-	-	-10.89	7.56	-3.33	-1.00	-2.33
6515 (RU106.54)	-13.68	-14.31	-	-	-10.97	7.56	-3.41	-1.00	-2.41
6535 (RU106.53)	-12.99	-13.92	-	-	-10.42	6.91	-3.51	-1.00	-2.51
6695 (RU106.53)	-13.02	-14.16	-	-	-10.54	6.91	-3.63	-1.00	-2.63
6855 (RU106.54)	-12.61	-13.80	-	-	-10.15	6.91	-3.24	-1.00	-2.24
6875 (RU106.53)	-13.24	-14.24	-	-	-10.70	6.91	-3.79	-1.00	-2.79
6875 (RU106.54)	-13.21	-14.36	-	-	-10.74	6.91	-3.83	-1.00	-2.83
6895 (RU106.53)	-13.40	-14.05	-	-	-10.70	6.83	-3.87	-1.00	-2.87
6995 (RU106.53)	-12.65	-14.36	-	-	-10.41	6.83	-3.58	-1.00	-2.58
7095 (RU106.54)	-12.64	-15.19	-	-	-10.72	6.83	-3.89	-1.00	-2.89

Table 236 - 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	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):	7.56
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	4.41	4.11	-	-	7.28	6.92	14.20	17.00	-2.80
6175	5.27	4.68	-	-	7.99	6.36	14.35	17.00	-2.65
6415	3.98	3.79	-	-	6.89	7.42	14.32	17.00	-2.68
6435	4.15	3.76	-	-	6.97	7.56	14.53	17.00	-2.47
6475	3.73	3.56	-	-	6.66	7.56	14.22	17.00	-2.78
6515	3.66	3.87	-	-	6.77	7.56	14.33	17.00	-2.67
6535	4.39	4.44	-	-	7.43	6.91	14.34	17.00	-2.66
6695	4.59	4.25	-	-	7.43	6.91	14.34	17.00	-2.66
6855	4.78	4.08	-	-	7.46	6.91	14.37	17.00	-2.63

Table 237 - 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	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):	7.42
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	4.89	4.47	-	-	7.70	6.92	14.62	17.00	-2.38
6165	5.11	4.45	-	-	7.80	6.36	14.16	17.00	-2.84
6405	4.30	4.15	-	-	7.24	7.42	14.66	17.00	-2.34
6445	4.04	3.80	-	-	6.93	7.56	14.49	17.00	-2.51
6485	3.92	3.99	-	-	6.97	7.56	14.53	17.00	-2.47
6525	3.97	3.68	-	-	6.84	7.56	14.40	17.00	-2.60
6565	4.69	4.78	-	-	7.75	6.91	14.66	17.00	-2.34
6685	4.63	4.73	-	-	7.69	6.91	14.60	17.00	-2.40
6845	4.87	4.28	-	-	7.59	6.91	14.50	17.00	-2.50

Table 238 - 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	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):	7.56
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	3.39	3.01	-	-	6.22	6.92	13.14	17.00	-3.86
6145	4.28	3.92	-	-	7.12	6.36	13.47	17.00	-3.53
6385	2.51	2.02	-	-	5.28	7.42	12.71	17.00	-4.29
6465	3.57	3.34	-	-	6.47	7.56	14.03	17.00	-2.97
6545	3.65	3.45	-	-	6.56	7.56	14.12	17.00	-2.88
6625	3.65	3.59	-	-	6.63	6.91	13.54	17.00	-3.46
6705	3.92	3.34	-	-	6.65	6.91	13.56	17.00	-3.44
6785	4.25	3.62	-	-	6.95	6.91	13.87	17.00	-3.13

Table 239 - 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	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):	7.56
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	-0.32	-0.64	-	-	2.53	6.92	9.46	17.00	-7.54
6185	-0.52	-0.70	-	-	2.40	6.36	8.76	17.00	-8.24
6345	-0.35	-1.17	-	-	2.27	7.42	9.69	17.00	-7.31
6505	-1.59	-1.18	-	-	1.63	7.56	9.19	17.00	-7.81
6665	-1.44	-0.90	-	-	1.85	6.91	8.76	17.00	-8.24

Table 240 - 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	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):	7.56
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)	4.87	4.49	-	-	7.70	6.92	14.62	17.00	-2.38
6175 (RU26.0)	4.81	4.43	-	-	7.63	6.36	13.99	17.00	-3.01
6415 (RU26.8)	4.10	4.13	-	-	7.13	7.42	14.55	17.00	-2.45
6435 (RU26.0)	4.13	3.86	-	-	7.01	7.56	14.57	17.00	-2.43
6475 (RU26.0)	3.56	3.82	-	-	6.70	7.56	14.26	17.00	-2.74
6515 (RU26.8)	3.91	3.79	-	-	6.86	7.56	14.42	17.00	-2.58
6535 (RU26.0)	3.97	4.71	-	-	7.37	6.91	14.28	17.00	-2.72
6695 (RU26.0)	4.29	4.32	-	-	7.31	6.91	14.22	17.00	-2.78
6855 (RU26.8)	4.39	3.81	-	-	7.12	6.91	14.03	17.00	-2.97

Table 241 - 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	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 (%):	96.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.56
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)	5.04	5.17	-	-	8.12	6.92	15.04	17.00	-1.96
6175 (RU52.37)	5.43	5.26	-	-	8.36	6.36	14.71	17.00	-2.29
6415 (RU52.40)	4.28	4.52	-	-	7.42	7.42	14.84	17.00	-2.16
6435 (RU52.37)	3.95	4.20	-	-	7.09	7.56	14.65	17.00	-2.35
6475 (RU52.37)	3.93	3.94	-	-	6.94	7.56	14.50	17.00	-2.50
6515 (RU52.40)	3.81	4.06	-	-	6.95	7.56	14.51	17.00	-2.49
6535 (RU52.37)	4.50	5.25	-	-	7.90	6.91	14.81	17.00	-2.19
6695 (RU52.37)	4.80	4.97	-	-	7.90	6.91	14.81	17.00	-2.19
6855 (RU52.40)	5.06	4.57	-	-	7.83	6.91	14.74	17.00	-2.26

Table 242 - 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	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):	7.42
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)	5.07	4.52	-	-	7.81	6.92	14.74	17.00	-2.26
6175 (RU106.53)	5.62	5.06	-	-	8.36	6.36	14.71	17.00	-2.29
6415 (RU106.54)	4.51	4.68	-	-	7.61	7.42	15.03	17.00	-1.97
6435 (RU106.53)	4.49	4.29	-	-	7.40	7.56	14.96	17.00	-2.04
6475 (RU106.53)	4.53	4.20	-	-	7.38	7.56	14.94	17.00	-2.06
6515 (RU106.54)	4.22	4.45	-	-	7.35	7.56	14.91	17.00	-2.09
6535 (RU106.53)	4.77	4.78	-	-	7.79	6.91	14.70	17.00	-2.30
6695 (RU106.53)	5.21	4.87	-	-	8.05	6.91	14.97	17.00	-2.03
6855 (RU106.54)	5.51	4.71	-	-	8.14	6.91	15.05	17.00	-1.95

Table 243 - 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 HE40 SU VLP	Duty Cycle (%):	89.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.47
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	6.91
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	-17.05	-17.49	-	-	-14.26	6.36	-7.90	-5.00	-2.90
6205	-16.33	-17.33	-	-	-13.79	6.36	-7.44	-5.00	-2.44
6245	-16.48	-17.08	-	-	-13.76	6.36	-7.40	-5.00	-2.40
6565	-17.53	-18.17	-	-	-14.83	6.91	-7.92	-5.00	-2.92
6685	-17.30	-17.96	-	-	-14.61	6.91	-7.70	-5.00	-2.70
6845	-17.56	-17.99	-	-	-14.76	6.91	-7.84	-5.00	-2.84

Table 244 - 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 (%):	95.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.20
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.42
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	-17.31	-17.35	-	-	-14.32	6.36	-7.96	-5.00	-2.96
6225	-16.97	-16.78	-	-	-13.87	6.36	-7.51	-5.00	-2.51
6385	-17.65	-17.93	-	-	-14.78	7.42	-7.35	-5.00	-2.35
6625	-17.57	-18.27	-	-	-14.90	6.91	-7.99	-5.00	-2.99
6705	-17.70	-18.16	-	-	-14.91	6.91	-8.00	-5.00	-3.00
6785	-16.95	-17.75	-	-	-14.32	6.91	-7.41	-5.00	-2.41

Table 245 - 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):	7.42
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	-15.58	-16.30	-	-	-12.91	6.36	-6.56	-5.00	-1.56
6345	-16.88	-17.58	-	-	-14.20	7.42	-6.78	-5.00	-1.78
6665	-16.89	-16.84	-	-	-13.85	6.91	-6.94	-5.00	-1.94

Table 246 - 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	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):	4.55
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	-9.95	-10.59	-	-	-7.25	3.93	-3.32	-1.00	-2.32
6175	-9.18	-9.73	-	-	-6.44	3.39	-3.05	-1.00	-2.05
6415	-10.38	-11.41	-	-	-7.86	4.52	-3.34	-1.00	-2.34
6435	-10.62	-11.65	-	-	-8.09	4.55	-3.54	-1.00	-2.54
6475	-10.78	-11.54	-	-	-8.13	4.55	-3.58	-1.00	-2.58
6515	-10.81	-11.31	-	-	-8.04	4.55	-3.49	-1.00	-2.49
6535	-10.18	-10.87	-	-	-7.50	3.90	-3.60	-1.00	-2.60
6695	-10.45	-11.45	-	-	-7.91	3.90	-4.01	-1.00	-3.01
6855	-9.98	-11.25	-	-	-7.56	3.90	-3.65	-1.00	-2.65
6875	-11.01	-11.85	-	-	-8.40	3.90	-4.50	-1.00	-3.50
6895	-10.93	-11.62	-	-	-8.25	3.84	-4.41	-1.00	-3.41
6995	-9.98	-11.51	-	-	-7.67	3.84	-3.83	-1.00	-2.83
7095	-10.28	-12.43	-	-	-8.21	3.84	-4.37	-1.00	-3.37

Table 247 - 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	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 (%):	92.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.35
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.55
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	-10.15	-10.50	-	-	-7.31	3.93	-3.38	-1.00	-2.38
6165	-9.83	-10.31	-	-	-7.05	3.39	-3.66	-1.00	-2.66
6405	-10.82	-11.27	-	-	-8.03	4.52	-3.51	-1.00	-2.51
6445	-11.31	-11.53	-	-	-8.41	4.55	-3.86	-1.00	-2.86
6485	-11.11	-11.29	-	-	-8.19	4.55	-3.64	-1.00	-2.64
6525	-10.82	-11.19	-	-	-7.99	4.55	-3.44	-1.00	-2.44
6565	-10.00	-10.09	-	-	-7.03	3.90	-3.13	-1.00	-2.13
6685	-10.47	-10.62	-	-	-7.53	3.90	-3.63	-1.00	-2.63
6845	-10.33	-10.89	-	-	-7.59	3.90	-3.69	-1.00	-2.69
6885	-10.39	-10.97	-	-	-7.66	4.11	-3.55	-1.00	-2.55
6925	-10.31	-10.71	-	-	-7.49	3.84	-3.65	-1.00	-2.65
7005	-10.25	-10.72	-	-	-7.47	3.84	-3.63	-1.00	-2.63
7085	-9.71	-11.07	-	-	-7.32	3.84	-3.48	-1.00	-2.48

Table 248 - 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	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 (%):	92.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.33
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.55
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	-10.15	-10.25	-	-	-7.19	3.93	-3.26	-1.00	-2.26
6145	-9.77	-10.07	-	-	-6.91	3.39	-3.51	-1.00	-2.51
6385	-10.76	-11.44	-	-	-8.08	4.52	-3.56	-1.00	-2.56
6465	-11.58	-11.31	-	-	-8.43	4.55	-3.88	-1.00	-2.88
6545	-10.99	-11.33	-	-	-8.14	4.55	-3.59	-1.00	-2.59
6625	-10.60	-10.55	-	-	-7.57	3.90	-3.67	-1.00	-2.67
6705	-10.09	-10.59	-	-	-7.32	3.90	-3.42	-1.00	-2.42
6785	-9.83	-10.30	-	-	-7.05	3.90	-3.15	-1.00	-2.15
6865	-10.34	-11.03	-	-	-7.66	3.90	-3.76	-1.00	-2.76
6945	-10.27	-11.02	-	-	-7.62	3.84	-3.78	-1.00	-2.78
7025	-10.22	-10.97	-	-	-7.57	3.84	-3.72	-1.00	-2.72

Table 249 - 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	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 (%):	89.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.51
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.55
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	-9.54	-9.64	-	-	-6.58	3.93	-2.65	-1.00	-1.65
6185	-9.07	-9.09	-	-	-6.07	3.39	-2.67	-1.00	-1.67
6345	-9.92	-10.54	-	-	-7.21	4.52	-2.69	-1.00	-1.69
6505	-10.58	-10.93	-	-	-7.74	4.55	-3.19	-1.00	-2.19
6665	-10.04	-9.69	-	-	-6.85	3.90	-2.95	-1.00	-1.95
6825	-9.44	-10.09	-	-	-6.74	3.90	-2.84	-1.00	-1.84
6985	-9.64	-10.87	-	-	-7.20	3.84	-3.36	-1.00	-2.36

Table 250 - 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	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 (%):	96.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.18
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.55
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)	-9.97	-10.46	-	-	-7.20	3.93	-3.27	-1.00	-2.27
6175 (RU26.0)	-10.08	-10.14	-	-	-7.10	3.39	-3.71	-1.00	-2.71
6415 (RU26.8)	-10.67	-11.74	-	-	-8.16	4.52	-3.64	-1.00	-2.64
6435 (RU26.0)	-10.84	-11.49	-	-	-8.15	4.55	-3.60	-1.00	-2.60
6475 (RU26.0)	-11.03	-11.82	-	-	-8.40	4.55	-3.85	-1.00	-2.85
6515 (RU26.8)	-10.85	-11.95	-	-	-8.35	4.55	-3.80	-1.00	-2.80
6535 (RU26.0)	-10.22	-11.08	-	-	-7.62	3.90	-3.72	-1.00	-2.72
6695 (RU26.0)	-10.21	-10.96	-	-	-7.55	3.90	-3.65	-1.00	-2.65
6855 (RU26.8)	-10.26	-10.95	-	-	-7.58	3.90	-3.68	-1.00	-2.68
6875 (RU26.3)	-10.52	-11.44	-	-	-7.94	3.90	-4.04	-1.00	-3.04
6875 (RU26.5)	-10.17	-11.12	-	-	-7.61	3.90	-3.71	-1.00	-2.71
6895 (RU26.0)	-10.15	-10.98	-	-	-7.54	3.84	-3.69	-1.00	-2.69
6995 (RU26.0)	-10.22	-11.63	-	-	-7.86	3.84	-4.02	-1.00	-3.02
7095 (RU26.8)	-10.37	-12.37	-	-	-8.24	3.84	-4.40	-1.00	-3.40

Table 251 - 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	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 (%):	97.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.13
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.55
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)	-9.86	-10.16	-	-	-7.00	3.93	-3.07	-1.00	-2.07
6175 (RU52.37)	-10.32	-9.93	-	-	-7.11	3.39	-3.72	-1.00	-2.72
6415 (RU52.40)	-10.14	-11.18	-	-	-7.62	4.52	-3.10	-1.00	-2.10
6435 (RU52.37)	-10.47	-10.87	-	-	-7.65	4.55	-3.10	-1.00	-2.10
6475 (RU52.37)	-10.75	-11.32	-	-	-8.01	4.55	-3.46	-1.00	-2.46
6515 (RU52.40)	-11.17	-11.03	-	-	-8.09	4.55	-3.54	-1.00	-2.54
6535 (RU52.37)	-10.16	-10.79	-	-	-7.46	3.90	-3.55	-1.00	-2.55
6695 (RU52.37)	-10.27	-11.19	-	-	-7.70	3.90	-3.80	-1.00	-2.80
6855 (RU52.40)	-9.97	-10.79	-	-	-7.35	3.90	-3.45	-1.00	-2.45
6875 (RU52.38)	-10.11	-11.23	-	-	-7.62	3.90	-3.72	-1.00	-2.72
6875 (RU52.39)	-9.74	-11.19	-	-	-7.39	3.90	-3.49	-1.00	-2.49
6895 (RU52.37)	-9.49	-10.80	-	-	-7.08	3.84	-3.24	-1.00	-2.24
6995 (RU52.37)	-9.68	-11.48	-	-	-7.48	3.84	-3.64	-1.00	-2.64
7095 (RU52.40)	-10.23	-11.81	-	-	-7.94	3.84	-4.09	-1.00	-3.09

Table 252 - 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	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 (%):	97.9
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.09
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.55
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)	-9.93	-10.47	-	-	-7.18	3.93	-3.25	-1.00	-2.25
6175 (RU106.53)	-9.50	-9.38	-	-	-6.43	3.39	-3.04	-1.00	-2.04
6415 (RU106.54)	-9.91	-10.82	-	-	-7.33	4.52	-2.81	-1.00	-1.81
6435 (RU106.53)	-10.44	-11.47	-	-	-7.92	4.55	-3.37	-1.00	-2.37
6475 (RU106.53)	-10.67	-11.57	-	-	-8.09	4.55	-3.54	-1.00	-2.54
6515 (RU106.54)	-10.55	-11.30	-	-	-7.90	4.55	-3.35	-1.00	-2.35
6535 (RU106.53)	-9.93	-10.68	-	-	-7.28	3.90	-3.38	-1.00	-2.38
6695 (RU106.53)	-9.93	-10.86	-	-	-7.36	3.90	-3.46	-1.00	-2.46
6855 (RU106.54)	-9.75	-10.65	-	-	-7.17	3.90	-3.27	-1.00	-2.27
6875 (RU106.53)	-10.01	-11.08	-	-	-7.50	3.90	-3.60	-1.00	-2.60
6875 (RU106.54)	-9.85	-11.15	-	-	-7.44	3.90	-3.54	-1.00	-2.54
6895 (RU106.53)	-9.97	-10.83	-	-	-7.37	3.84	-3.53	-1.00	-2.53
6995 (RU106.53)	-9.69	-11.53	-	-	-7.50	3.84	-3.66	-1.00	-2.66
7095 (RU106.54)	-9.38	-12.47	-	-	-7.65	3.84	-3.81	-1.00	-2.81

Table 253 - 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	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 (%):	93.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.30
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.55
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	7.92	7.72	-	-	10.83	3.93	14.76	17.00	-2.24
6175	8.09	7.55	-	-	10.84	3.39	14.23	17.00	-2.77
6415	7.06	6.67	-	-	9.88	4.52	14.41	17.00	-2.59
6435	6.91	6.56	-	-	9.75	4.55	14.30	17.00	-2.70
6475	6.98	6.97	-	-	9.98	4.55	14.53	17.00	-2.47
6515	6.63	7.01	-	-	9.83	4.55	14.38	17.00	-2.62
6535	7.60	7.32	-	-	10.47	3.90	14.38	17.00	-2.62
6695	7.45	7.21	-	-	10.34	3.90	14.24	17.00	-2.76
6855	8.00	7.02	-	-	10.54	3.90	14.45	17.00	-2.55

Table 254 - 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	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):	4.55
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	6.43	5.89	-	-	9.18	3.93	13.11	17.00	-3.89
6165	6.97	5.90	-	-	9.48	3.39	12.87	17.00	-4.13
6405	6.68	6.22	-	-	9.47	4.52	13.99	17.00	-3.01
6445	6.46	5.98	-	-	9.24	4.55	13.79	17.00	-3.21
6485	6.28	6.22	-	-	9.26	4.55	13.81	17.00	-3.19
6525	6.38	6.38	-	-	9.39	4.55	13.94	17.00	-3.06
6565	6.66	6.86	-	-	9.77	3.90	13.68	17.00	-3.32
6685	6.83	6.51	-	-	9.68	3.90	13.58	17.00	-3.42
6845	6.94	6.50	-	-	9.74	3.90	13.64	17.00	-3.36

Table 255 - 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	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):	4.55
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	3.79	2.93	-	-	6.39	3.93	10.32	17.00	-6.68
6145	4.23	3.80	-	-	7.03	3.39	10.43	17.00	-6.57
6385	4.07	3.41	-	-	6.76	4.52	11.28	17.00	-5.72
6465	3.69	3.43	-	-	6.57	4.55	11.12	17.00	-5.88
6545	3.65	3.50	-	-	6.59	4.55	11.14	17.00	-5.86
6625	3.89	3.58	-	-	6.75	3.90	10.65	17.00	-6.35
6705	3.87	3.36	-	-	6.63	3.90	10.53	17.00	-6.47
6785	4.04	3.79	-	-	6.93	3.90	10.83	17.00	-6.17

Table 256 - 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	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):	4.55
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	-0.61	-0.71	-	-	2.35	3.93	6.28	17.00	-10.72
6185	-0.27	-0.16	-	-	2.79	3.39	6.19	17.00	-10.81
6345	-0.29	-0.75	-	-	2.50	4.52	7.02	17.00	-9.98
6505	-1.28	-1.44	-	-	1.65	4.55	6.20	17.00	-10.80
6665	-1.53	-1.05	-	-	1.72	3.90	5.63	17.00	-11.37

Table 257 - 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	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 (%):	97.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.13
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.55
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)	7.53	7.80	-	-	10.68	3.93	14.61	17.00	-2.39
6175 (RU26.0)	7.76	7.82	-	-	10.80	3.39	14.19	17.00	-2.81
6415 (RU26.8)	7.27	6.94	-	-	10.12	4.52	14.64	17.00	-2.36
6435 (RU26.0)	6.75	6.55	-	-	9.66	4.55	14.21	17.00	-2.79
6475 (RU26.0)	6.87	6.90	-	-	9.89	4.55	14.44	17.00	-2.56
6515 (RU26.8)	6.51	6.62	-	-	9.58	4.55	14.13	17.00	-2.87
6535 (RU26.0)	7.23	7.67	-	-	10.46	3.90	14.37	17.00	-2.63
6695 (RU26.0)	7.70	7.71	-	-	10.72	3.90	14.62	17.00	-2.38
6855 (RU26.8)	7.70	6.86	-	-	10.31	3.90	14.21	17.00	-2.79

Table 258 - 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	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 (%):	96.9
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.13
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.55
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)	8.05	7.98	-	-	11.03	3.93	14.95	17.00	-2.05
6175 (RU52.37)	8.52	8.15	-	-	11.35	3.39	14.74	17.00	-2.26
6415 (RU52.40)	7.06	7.34	-	-	10.21	4.52	14.73	17.00	-2.27
6435 (RU52.37)	7.06	6.99	-	-	10.04	4.55	14.59	17.00	-2.41
6475 (RU52.37)	7.29	6.99	-	-	10.15	4.55	14.70	17.00	-2.30
6515 (RU52.40)	6.79	7.33	-	-	10.08	4.55	14.63	17.00	-2.37
6535 (RU52.37)	7.44	7.90	-	-	10.69	3.90	14.59	17.00	-2.41
6695 (RU52.37)	7.77	7.82	-	-	10.80	3.90	14.70	17.00	-2.30
6855 (RU52.40)	7.91	7.74	-	-	10.84	3.90	14.74	17.00	-2.26

Table 259 - 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	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 (%):	97.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.10
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.55
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)	7.95	7.37	-	-	10.68	3.93	14.61	17.00	-2.39
6175 (RU106.53)	8.52	7.68	-	-	11.13	3.39	14.52	17.00	-2.48
6415 (RU106.54)	7.78	7.54	-	-	10.67	4.52	15.19	17.00	-1.81
6435 (RU106.53)	7.39	7.00	-	-	10.21	4.55	14.76	17.00	-2.24
6475 (RU106.53)	7.36	7.14	-	-	10.26	4.55	14.82	17.00	-2.18
6515 (RU106.54)	7.40	7.53	-	-	10.48	4.55	15.03	17.00	-1.97
6535 (RU106.53)	7.73	7.90	-	-	10.83	3.90	14.73	17.00	-2.27
6695 (RU106.53)	7.98	7.72	-	-	10.86	3.90	14.76	17.00	-2.24
6855 (RU106.54)	8.29	7.59	-	-	10.96	3.90	14.86	17.00	-2.14

Table 260 - 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 HE20 SU VLP	Duty Cycle (%):	93.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.30
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.52
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				
6115	-13.92	-14.32	-	-	-11.10	3.39	-7.71	-5.00	-2.71
6255	-13.85	-13.92	-	-	-10.87	3.39	-7.48	-5.00	-2.48
6415	-14.38	-15.25	-	-	-11.78	4.52	-7.26	-5.00	-2.26
6535	-14.13	-14.94	-	-	-11.50	3.90	-7.60	-5.00	-2.60
6695	-14.38	-15.04	-	-	-11.69	3.90	-7.79	-5.00	-2.79
6855	-14.21	-14.57	-	-	-11.38	3.90	-7.48	-5.00	-2.48

Table 261 - 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 (%):	89.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.49
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.52
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	-13.93	-14.02	-	-	-10.97	3.39	-7.58	-5.00	-2.58
6245	-13.71	-14.74	-	-	-11.18	3.39	-7.79	-5.00	-2.79
6405	-14.80	-15.90	-	-	-12.30	4.52	-7.78	-5.00	-2.78
6565	-14.18	-15.14	-	-	-11.63	3.90	-7.72	-5.00	-2.72
6725	-14.26	-14.46	-	-	-11.35	3.90	-7.45	-5.00	-2.45
6845	-14.26	-14.79	-	-	-11.50	3.90	-7.60	-5.00	-2.60

Table 262 - 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 (%):	92.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.33
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.52
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	-13.37	-13.79	-	-	-10.57	3.39	-7.17	-5.00	-2.17
6225	-13.15	-13.81	-	-	-10.46	3.39	-7.07	-5.00	-2.07
6385	-14.39	-15.16	-	-	-11.75	4.52	-7.23	-5.00	-2.23
6625	-14.00	-14.73	-	-	-11.34	3.90	-7.44	-5.00	-2.44
6705	-14.13	-14.37	-	-	-11.24	3.90	-7.33	-5.00	-2.33
6785	-13.66	-14.25	-	-	-10.93	3.90	-7.03	-5.00	-2.03

Table 263 - 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 (%):	89.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.51
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.52
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	-13.43	-13.70	-	-	-10.55	3.39	-7.16	-5.00	-2.16
6345	-14.61	-15.55	-	-	-12.05	4.52	-7.53	-5.00	-2.53
6665	-13.97	-14.07	-	-	-11.01	3.90	-7.11	-5.00	-2.11

Table 264 - Maximum Power Spectral Density Results



TxBF:

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(8) RSS-248	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)		

DUT Configuration			
Mode:	802.11ax HE40 SU LPI	Duty Cycle (%):	92.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.34
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	6.92
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	-13.22	-13.83	-	-	-10.50	6.92	-3.58	-1.00	-2.58
6085	-13.33	-13.57	-	-	-10.44	6.92	-3.52	-1.00	-2.52
6245	-13.57	-13.10	-	-	-10.32	6.36	-3.96	-1.00	-2.96

Table 265 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(8) RSS-248	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)		

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	Duty Cycle (%):	92.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.34
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	7.42
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	-12.85	-13.36	-	-	-10.09	6.92	-3.17	-1.00	-2.17
6145	-13.07	-12.80	-	-	-9.92	6.36	-3.56	-1.00	-2.56
6385	-13.47	-14.26	-	-	-10.84	7.42	-3.42	-1.00	-2.42

Table 266 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(8) RSS-248	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)		

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	Duty Cycle (%):	93.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.28
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	7.56
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				
6465	-13.91	-13.73	-	-	-10.81	7.56	-3.25	-1.00	-2.25

Table 267 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(8) RSS-248	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)		

DUT Configuration			
Mode:	802.11ax HE40 SU LPI	Duty Cycle (%):	91.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.40
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	6.91
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				
6565	-13.32	-12.97	-	-	-10.13	6.91	-3.22	-1.00	-2.22
6685	-13.05	-13.30	-	-	-10.16	6.91	-3.25	-1.00	-2.25
6845	-13.26	-13.55	-	-	-10.39	6.91	-3.48	-1.00	-2.48

Table 268 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(8) RSS-248	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)		

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	Duty Cycle (%):	91.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.39
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	7.56
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				
6545	-13.58	-13.42	-	-	-10.49	7.56	-2.93	-1.00	-1.93
6625	-13.39	-12.77	-	-	-10.06	6.91	-3.15	-1.00	-2.15
6705	-12.88	-12.60	-	-	-9.73	6.91	-2.82	-1.00	-1.82
6785	-12.71	-12.63	-	-	-9.66	6.91	-2.75	-1.00	-1.75
6865	-12.91	-13.04	-	-	-9.96	6.91	-3.05	-1.00	-2.05

Table 269 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248	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)		

DUT Configuration			
Mode:	802.11ax HE40 SU LPI	Duty Cycle (%):	90.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.42
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	7.12
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				
6885	-12.83	-13.41	-	-	-10.10	7.12	-2.98	-1.00	-1.98
6925	-13.54	-13.66	-	-	-10.59	6.83	-3.76	-1.00	-2.76
7005	-13.66	-14.40	-	-	-11.00	6.83	-4.17	-1.00	-3.17
7085	-13.58	-15.91	-	-	-11.58	6.83	-4.75	-1.00	-3.75

Table 270 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248	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)		

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	Duty Cycle (%):	94.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.29
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	6.83
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				
6945	-12.95	-13.20	-	-	-10.06	6.83	-3.23	-1.00	-2.23
7025	-12.93	-13.57	-	-	-10.23	6.83	-3.40	-1.00	-2.40

Table 271 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	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 (%):	94.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.25
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	7.42
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	4.22	3.97	-	-	7.11	6.92	14.03	17.00	-2.97
6175	4.23	3.85	-	-	7.05	6.36	13.41	17.00	-3.59
6415	4.18	3.72	-	-	6.97	7.42	14.39	17.00	-2.61

Table 272 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	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 (%):	93.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.27
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	7.42
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	4.12	3.98	-	-	7.06	6.92	13.99	17.00	-3.01
6165	4.38	4.10	-	-	7.25	6.36	13.61	17.00	-3.39
6405	3.75	3.24	-	-	6.51	7.42	13.94	17.00	-3.06

Table 273 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(7) RSS-248	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 (%):	93.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.27
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	7.42
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	1.39	0.84	-	-	4.13	6.92	11.06	17.00	-5.94
6145	1.43	1.38	-	-	4.41	6.36	10.77	17.00	-6.23
6385	0.98	0.04	-	-	3.54	7.42	10.97	17.00	-6.03

Table 274 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	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 (%):	93.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.28
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	7.56
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				
6435	3.97	3.50	-	-	6.75	7.56	14.31	17.00	-2.69
6475	3.86	3.68	-	-	6.78	7.56	14.34	17.00	-2.66
6515	3.97	4.01	-	-	7.00	7.56	14.56	17.00	-2.44

Table 275 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	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 (%):	93.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.31
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	7.56
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				
6445	3.72	3.18	-	-	6.47	7.56	14.03	17.00	-2.97
6485	3.47	2.98	-	-	6.24	7.56	13.80	17.00	-3.20
6525	3.72	3.43	-	-	6.59	7.56	14.15	17.00	-2.85

Table 276 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	15.407(a)(7) RSS-248	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 (%):	93.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.30
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	7.56
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				
6465	1.17	0.08	-	-	3.67	7.56	11.23	17.00	-5.77
6545	1.00	0.78	-	-	3.90	7.56	11.46	17.00	-5.54

Table 277 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	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 (%):	94.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.26
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	6.91
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				
6535	4.60	4.41	-	-	7.52	6.91	14.43	17.00	-2.57
6695	4.63	4.66	-	-	7.66	6.91	14.57	17.00	-2.43
6855	4.47	4.23	-	-	7.36	6.91	14.27	17.00	-2.73

Table 278 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	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 (%):	93.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.29
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	6.91
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				
6565	4.24	4.02	-	-	7.14	6.91	14.05	17.00	-2.95
6685	3.96	4.42	-	-	7.20	6.91	14.12	17.00	-2.88
6845	4.46	4.01	-	-	7.25	6.91	14.16	17.00	-2.84

Table 279 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248	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 (%):	93.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.29
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	6.91
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				
6625	1.40	1.41	-	-	4.42	6.91	11.33	17.00	-5.67
6705	1.65	1.60	-	-	4.64	6.91	11.55	17.00	-5.45
6785	1.63	1.21	-	-	4.43	6.91	11.34	17.00	-5.66

Table 280 - 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.



2.5.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 18.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Hygrometer	Rotronic	I-1000	3068	12	07-Nov-2024
1800-6000 MHz Power Splitter	Mini-Circuits	ZN2PD-63-S+	4055	-	O/P Mon
AC Programmable Power Supply	iTech	IT7324	5225	-	O/P Mon
Attenuator 5W 30dB DC-18GHz	Aaren	AT40A-4041-D18-30	5505	12	22-Feb-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
USB Power Sensor	Boonton	RTP5008	5820	12	07-Feb-2025
USB Power Sensor	Boonton	RTP5008	5821	12	07-Feb-2025
Digital Multimeter	Fluke	115	6145	12	06-Jun-2025
Cable (SMA to SMA 1m)	Junkosha	MWX221/B	6305	12	20-May-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6426	12	07-Feb-2025
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	6447	-	O/P Mon
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	6448	-	O/P Mon
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6517	12	22-Feb-2025
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
AC Programmable Power Supply	iTech	IT7324	6665	-	O/P Mon
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6752	12	06-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6753	12	06-Feb-2025

Table 281

O/P Mon - Output Monitored using calibrated equipment



2.6 Authorised Band Edges

2.6.1 Specification Reference

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

2.6.2 Equipment Under Test and Modification State

A3137, S/N: FV5VYV72RL - Modification State 0
A3137, S/N: LQ9QKVW0H6 - Modification State 0

2.6.3 Date of Test

28-April-2024 to 25-May-2024

2.6.4 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.

2.6.5 Environmental Conditions

Ambient Temperature	22.8 - 23.7 °C
Relative Humidity	35.0 - 39.7 %

2.6.6 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	71.35	56.17
802.11ax HE20	MCS 2x1	SU	-	5955	5925	73.07	58.16
802.11ax HE20	MCS 11x1	106	53	5955	5925	67.61	46.99
802.11a	54 Mbps	-	-	7095	7125	71.01	57.10
802.11a	54 Mbps	-	-	7115	7125	81.67	65.66
802.11ax HE20	MCS 4x1	SU	-	7095	7125	73.89	58.75
802.11ax HE20	MCS 11x1	106	53	7095	7125	70.28	48.96
802.11ax HE20	MCS 11x1	26	0	7115	7125	83.67	63.92

Table 282 - SISO Authorised Band Edge Results

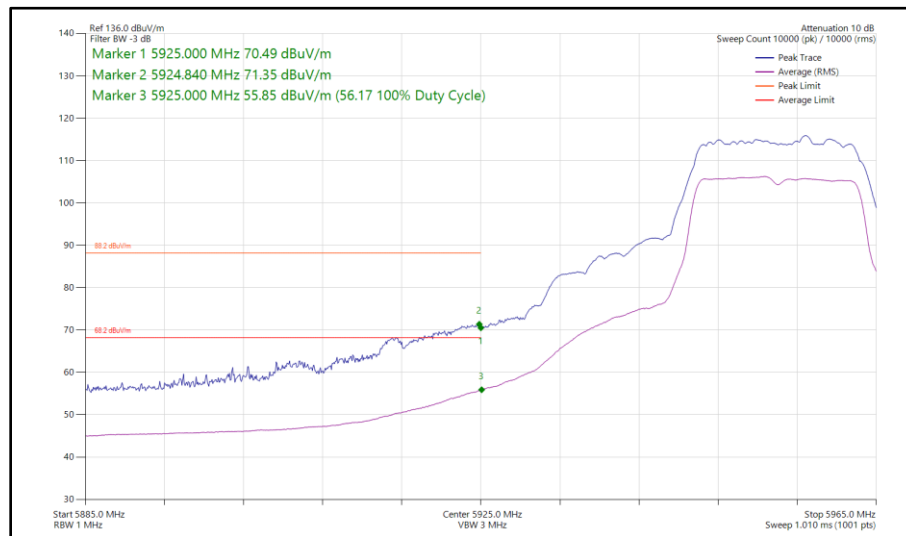
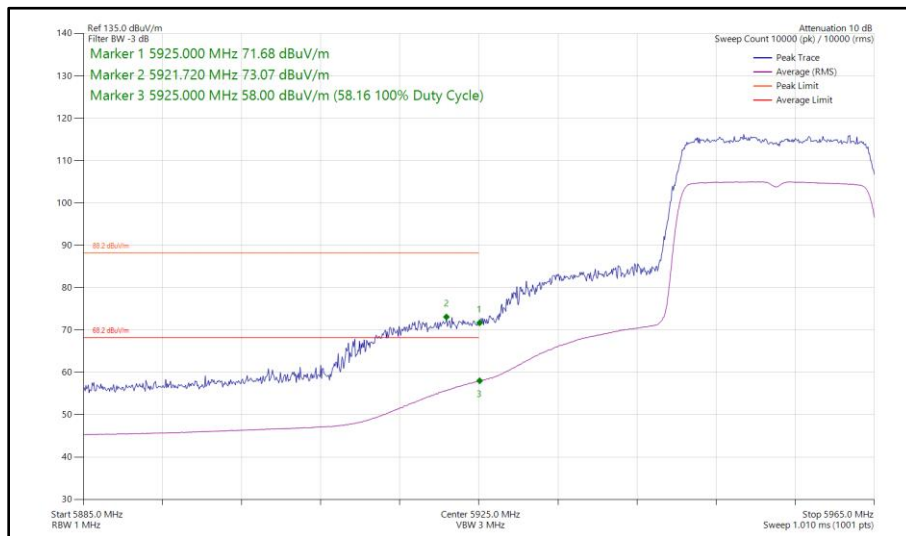
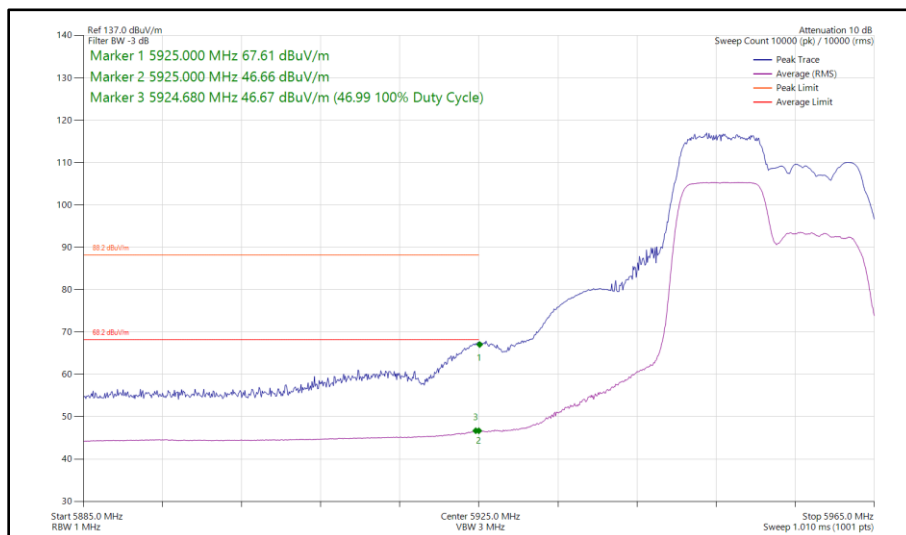


Figure 176 - 802.11a, SISO, Core 0 - 5955 MHz
Band Edge Frequency 5925 MHz



**Figure 177 - 802.11ax HE20, SU, SISO, Core 0 - 5955 MHz
Band Edge Frequency 5925 MHz**



**Figure 178 - 802.11ax HE20, RU 106-53, SISO, Core 0 - 5955 MHz
Band Edge Frequency 5925 MHz**

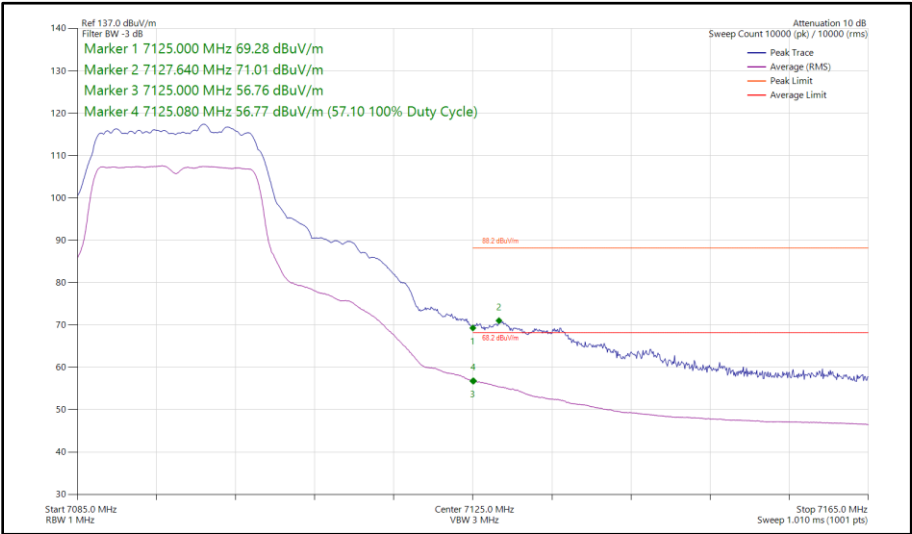


Figure 179 - 802.11a, SISO, Core 0 - 7095 MHz
Band Edge Frequency 7125 MHz

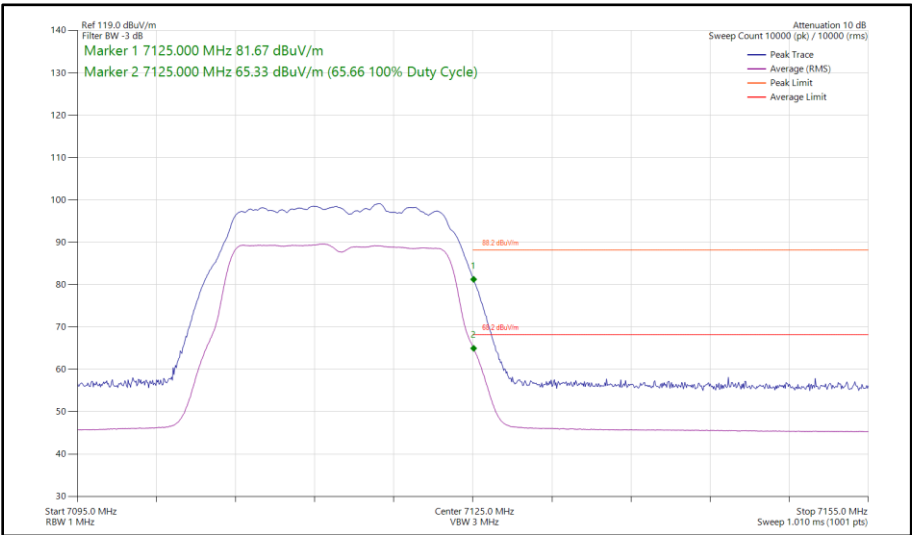
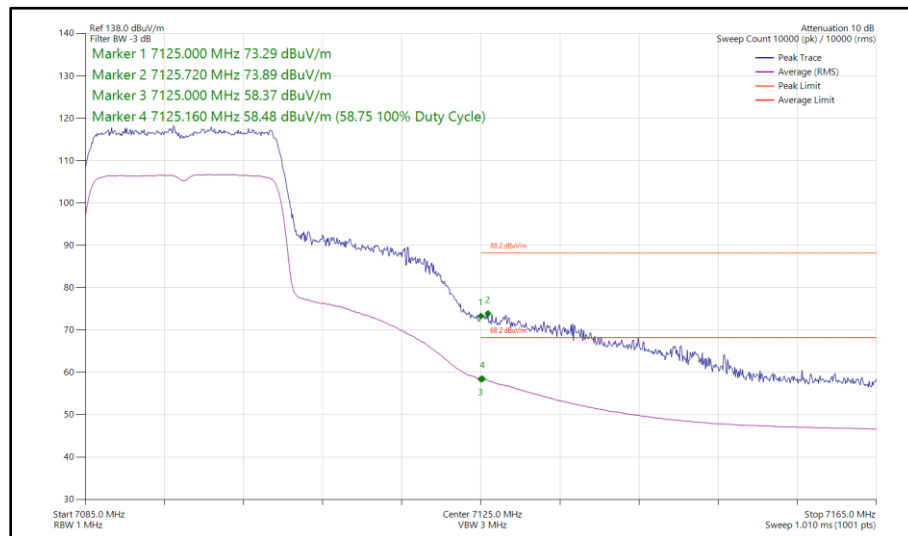
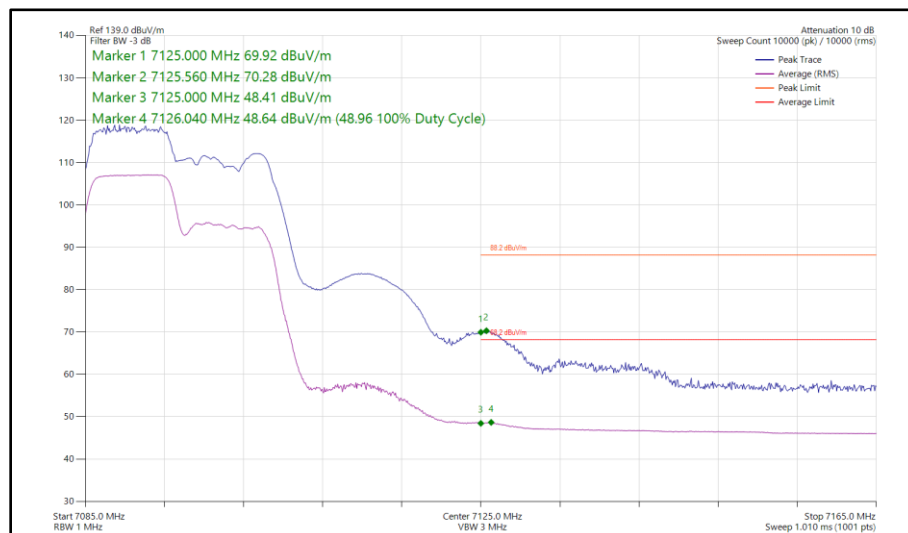


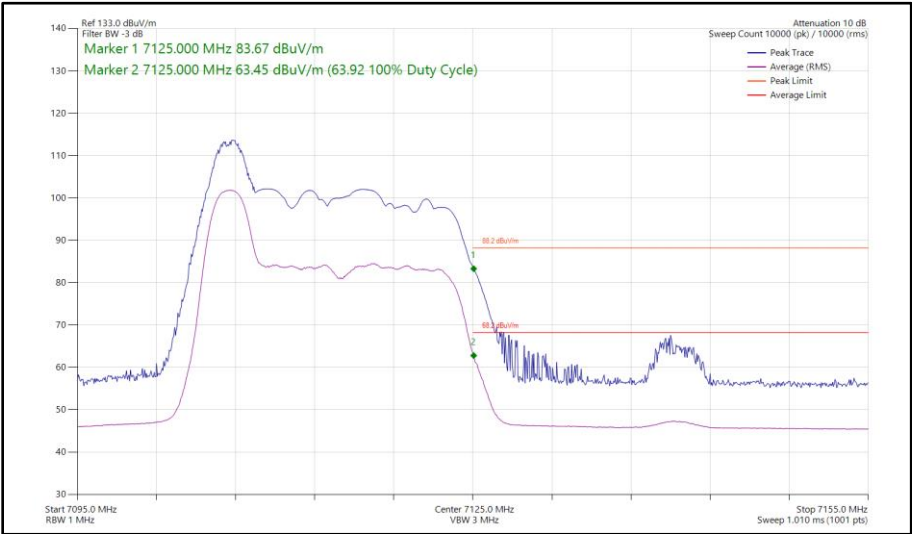
Figure 180 - 802.11a, SISO, Core 0 - 7115 MHz
Band Edge Frequency 7125 MHz



**Figure 181 - 802.11ax HE20, SU, SISO, Core 0 - 7095 MHz
Band Edge Frequency 7125 MHz**



**Figure 182 - 802.11ax HE20, RU 106-53, SISO, Core 0 - 7095 MHz
Band Edge Frequency 7125 MHz**

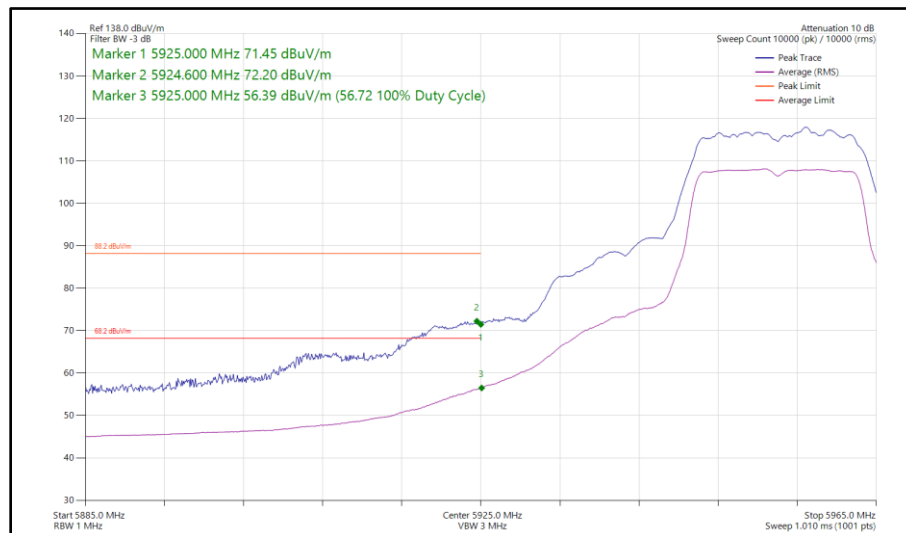


**Figure 183 - 802.11ax HE20, RU 26-0, SISO, Core 0 - 7115 MHz
Band Edge Frequency 7125 MHz**

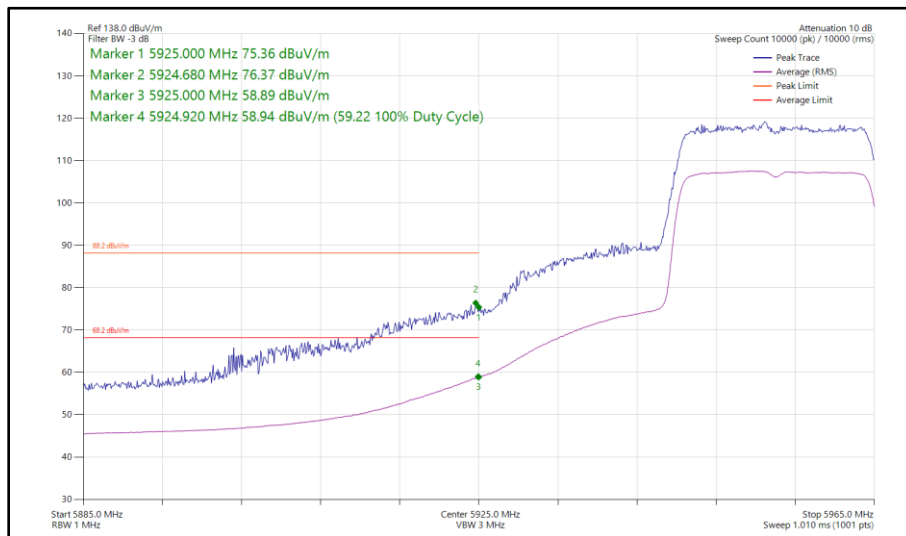
20 MHz Bandwidth - Core 1 (SISO)

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	72.20	56.72
802.11ax HE20	MCS 4x1	SU	-	5955	5925	76.37	59.22
802.11ax HE20	MCS 11x1	106	53	5955	5925	68.62	47.61
802.11a	54 Mbps	-	-	7095	7125	72.11	58.61
802.11a	24 Mbps	-	-	7115	7125	81.89	65.59
802.11ax HE20	MCS 11x1	SU	-	7095	7125	78.68	59.87
802.11ax HE20	MCS 11x1	106	53	7095	7125	70.48	49.48
802.11ax HE20	MCS 11x1	26	0	7115	7125	83.31	63.33

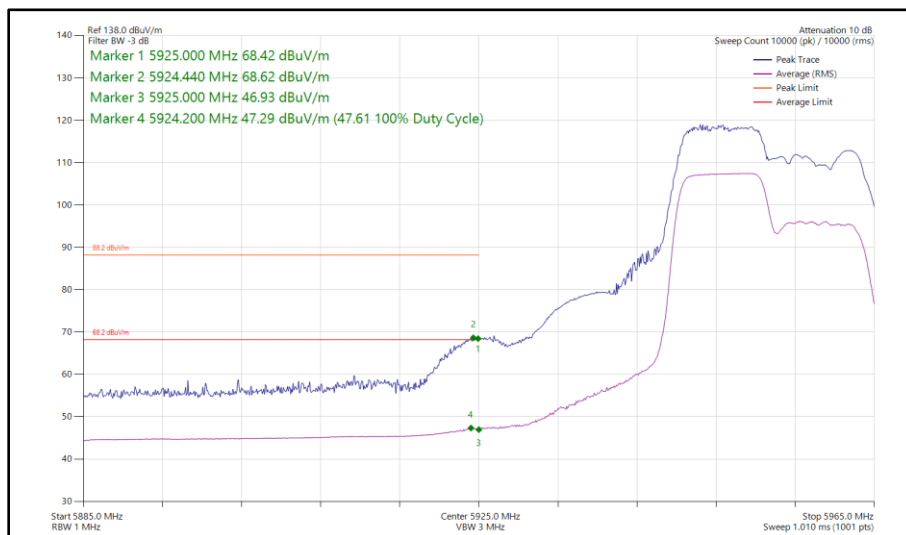
Table 283 - SISO Authorised Band Edge Results



**Figure 184 - 802.11a, SISO, Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz**



**Figure 185 - 802.11ax HE20, SU, SISO, Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz**



**Figure 186 - 802.11ax HE20, RU 106-53, SISO, Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz**

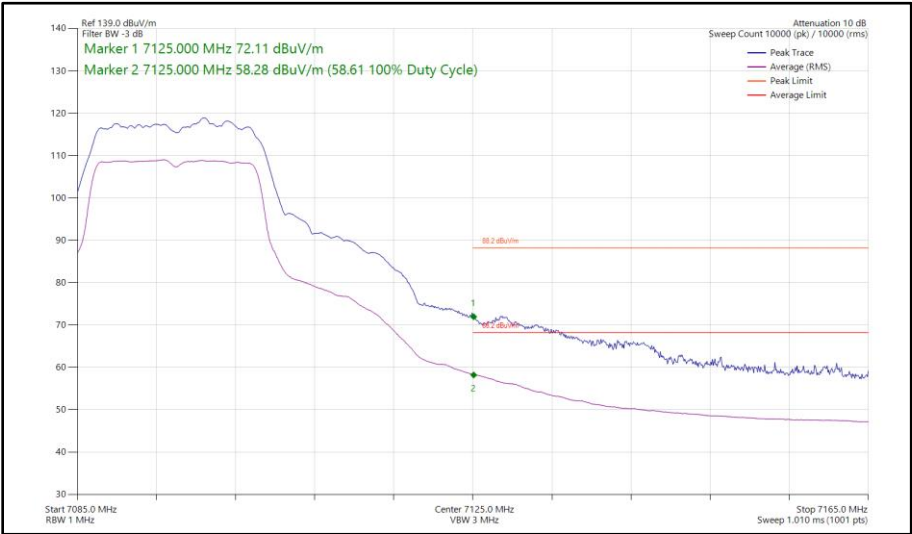


Figure 187 - 802.11a, SISO, Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz

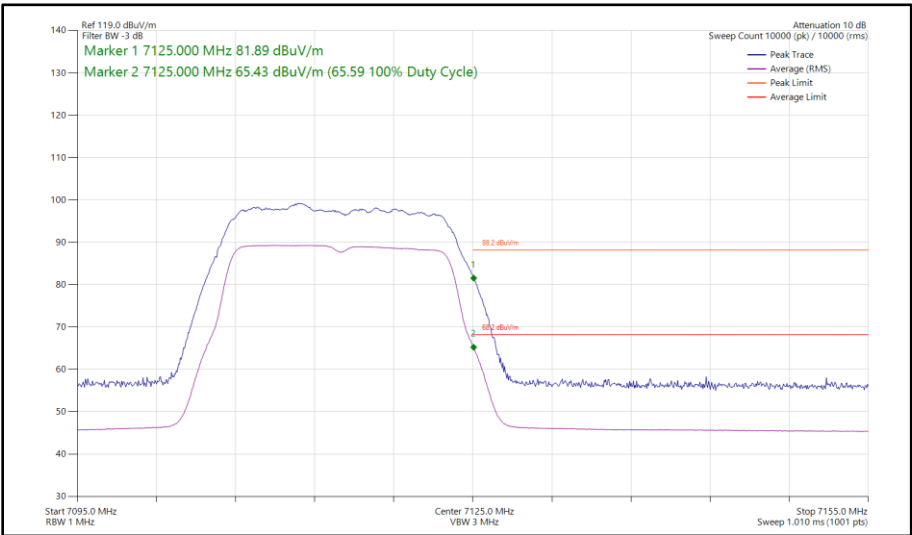
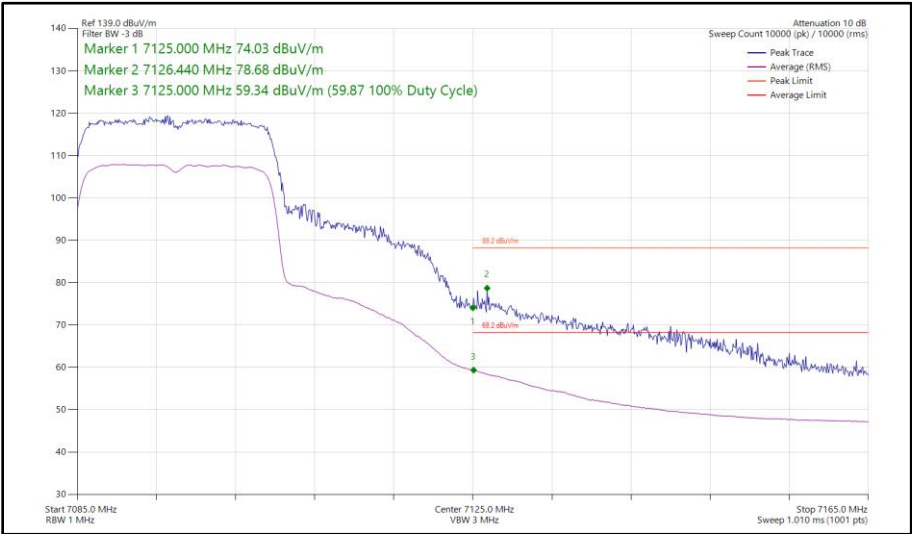
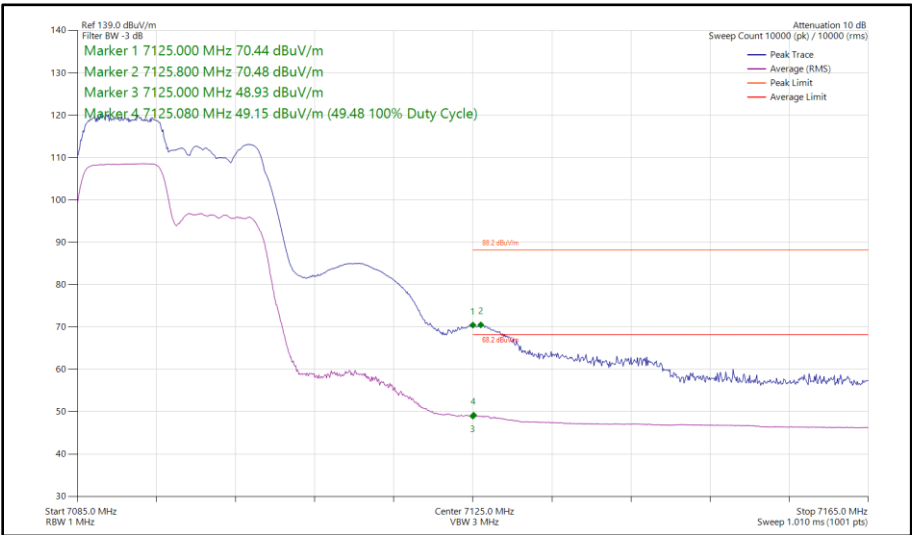


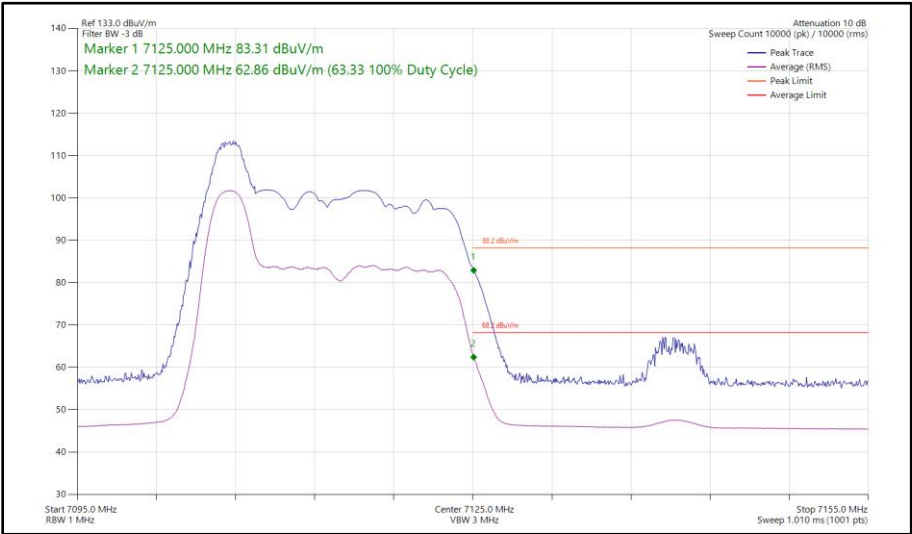
Figure 188 - 802.11a, SISO, Core 1 - 7115 MHz
Band Edge Frequency 7125 MHz



**Figure 189 - 802.11ax HE20, SU, SISO, Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz**



**Figure 190 - 802.11ax HE20, RU 106-53, SISO, Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz**



**Figure 191 - 802.11ax HE20, RU 26-0, SISO, Core 1 - 7115 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	76.04	60.15
802.11ax HE20	MCS 11x1	106	54	5955	5925	69.50	48.55
802.11ax HE20	MCS 11x1	SU	-	7095	7125	76.90	60.87
802.11ax HE20	MCS 11x1	106	54	7095	7125	70.43	50.16
802.11ax HE20	MCS 11x1	106	53	7115	7125	83.42	61.66

Table 284 - CDD Authorised Band Edge Results

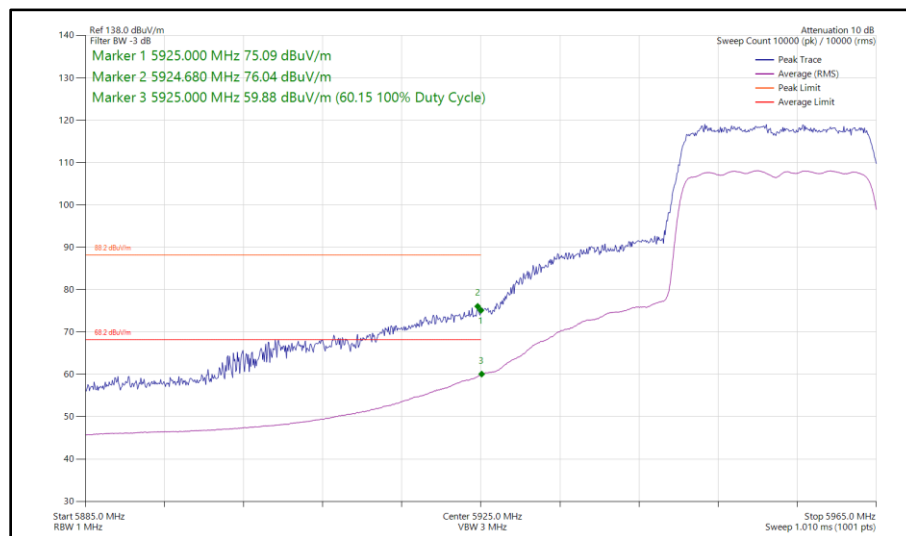


Figure 192 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz

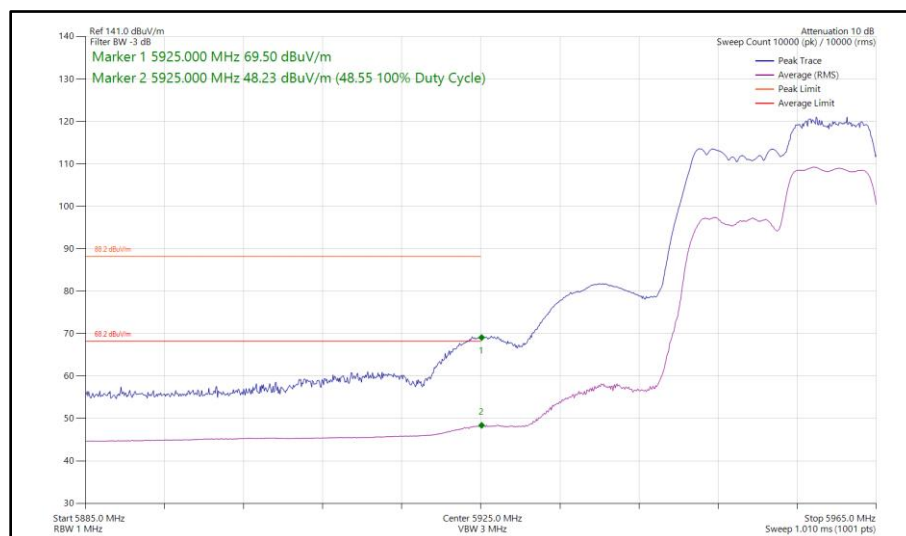
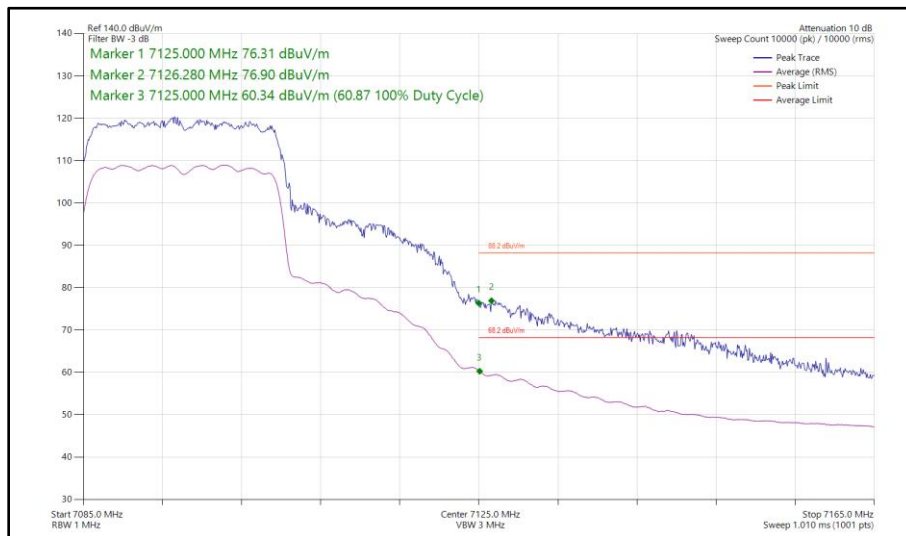
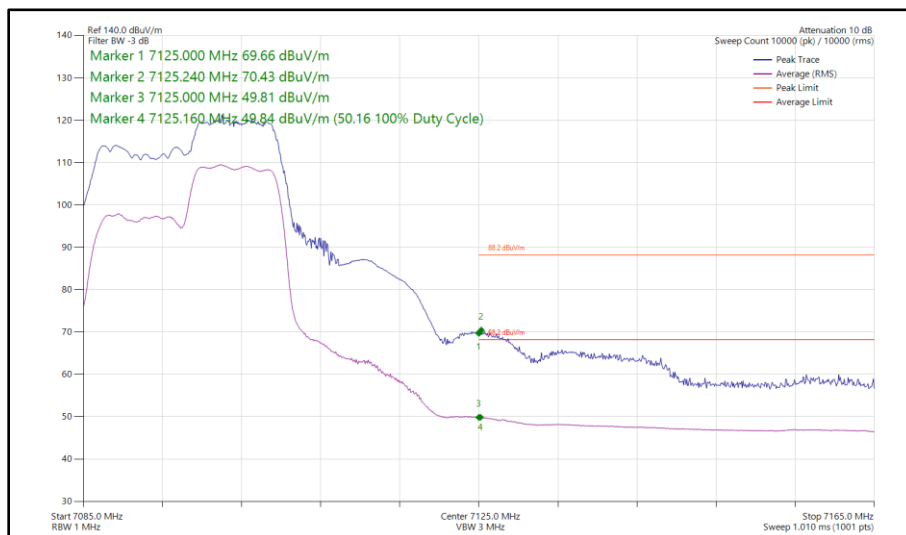


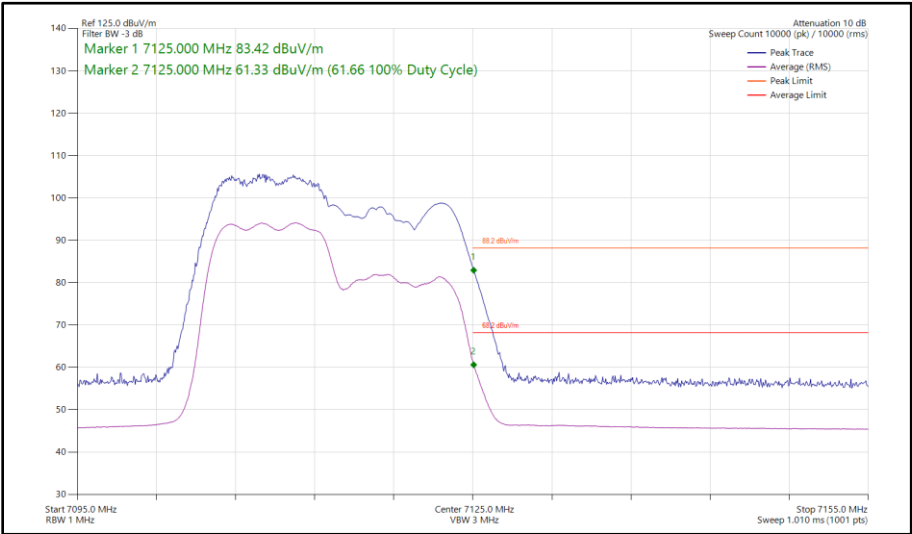
Figure 193 - 802.11ax HE20, RU 106-54, CDD, Core 0 - Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz



**Figure 194 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz**



**Figure 195 - 802.11ax HE20, RU 106-54, CDD, Core 0 - Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz**



**Figure 196 - 802.11ax HE20, RU 106-53, CDD, Core 0 - Core 1 - 7115 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	74.85	60.05
802.11ax HE20	MCS 11x2	106	54	5955	5925	69.40	48.34
802.11ax HE20	MCS 2x2	SU	-	7095	7125	74.74	60.24
802.11ax HE20	MCS 11x2	106	54	7095	7125	70.30	49.93
802.11ax HE20	MCS 11x2	SU	-	7115	7125	76.53	65.38
802.11ax HE20	MCS 11x2	52	37	7115	7125	83.41	61.27

Table 285 - SDM Authorised Band Edge Results

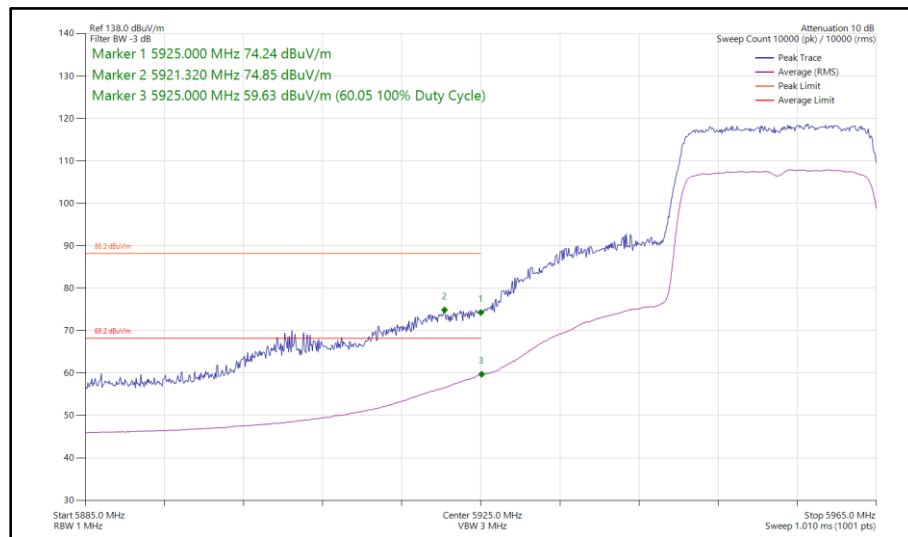


Figure 197 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz

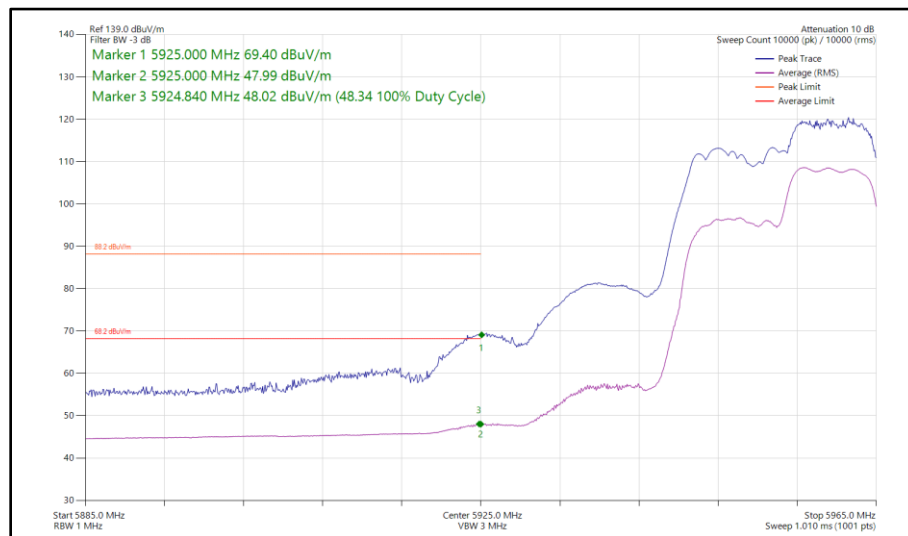
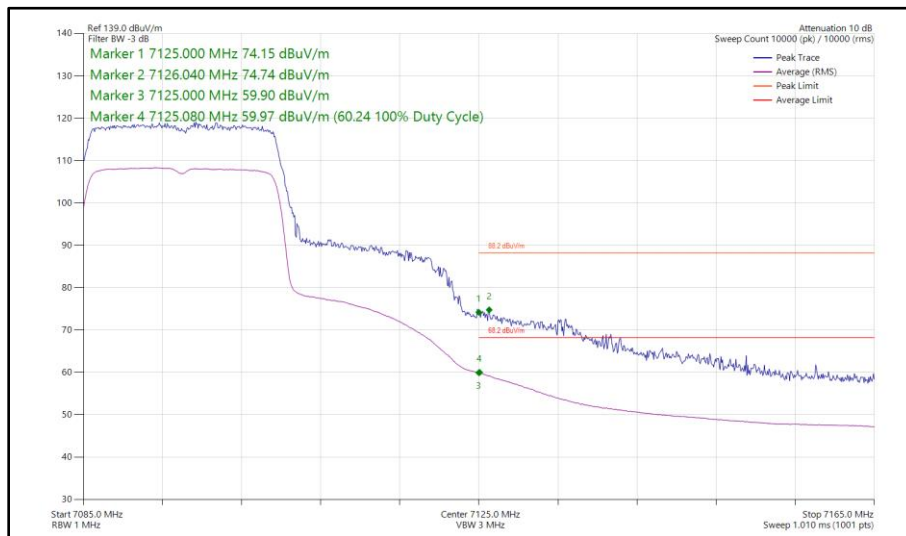
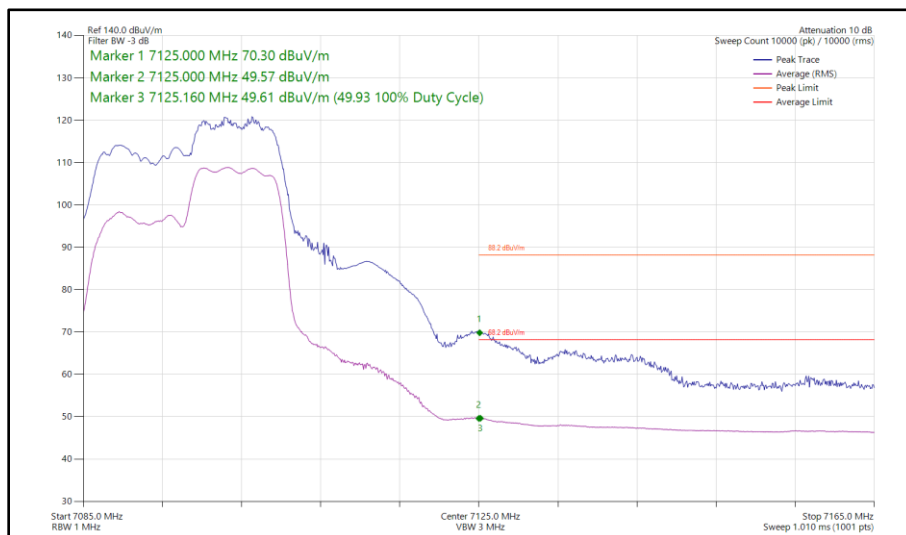


Figure 198 - 802.11ax HE20, RU 106-54, SDM, Core 0 - Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz



**Figure 199 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz**



**Figure 200 - 802.11ax HE20, RU 106-54, SDM, Core 0 - Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz**

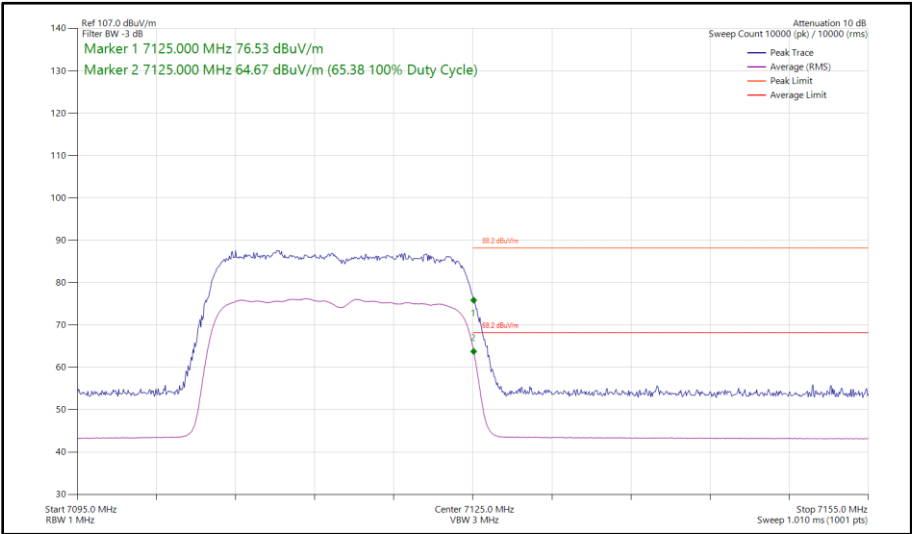


Figure 201 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 7115 MHz
Band Edge Frequency 7125 MHz

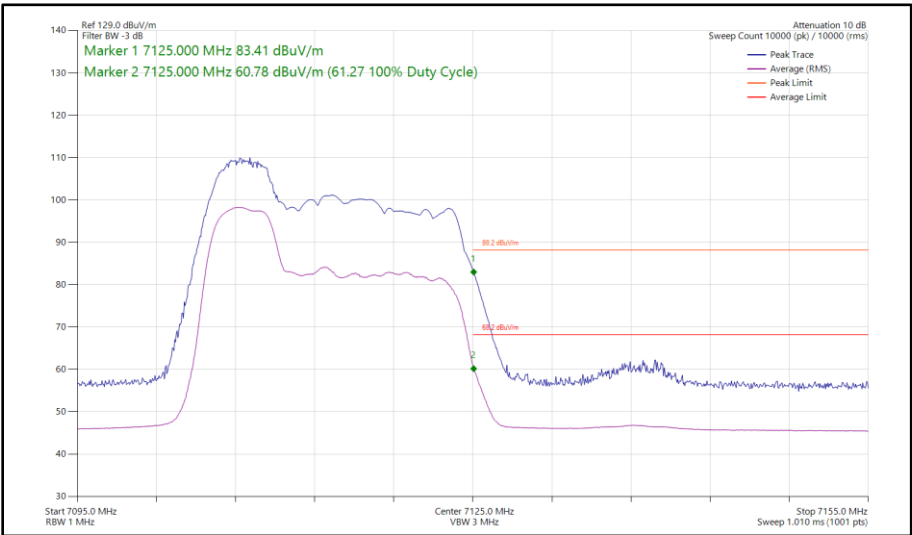
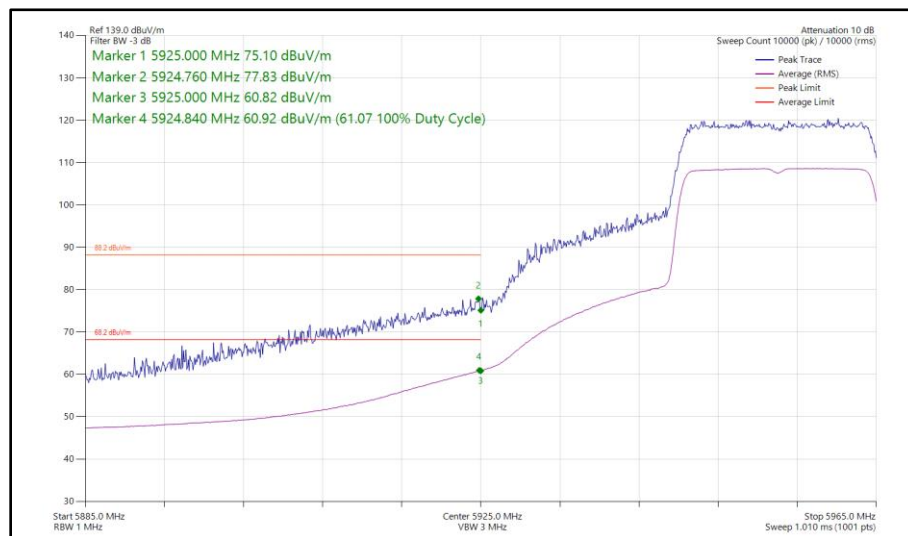


Figure 202 - 802.11ax HE20, RU 52-37, SDM, Core 0 - Core 1 - 7115 MHz
Band Edge Frequency 7125 MHz

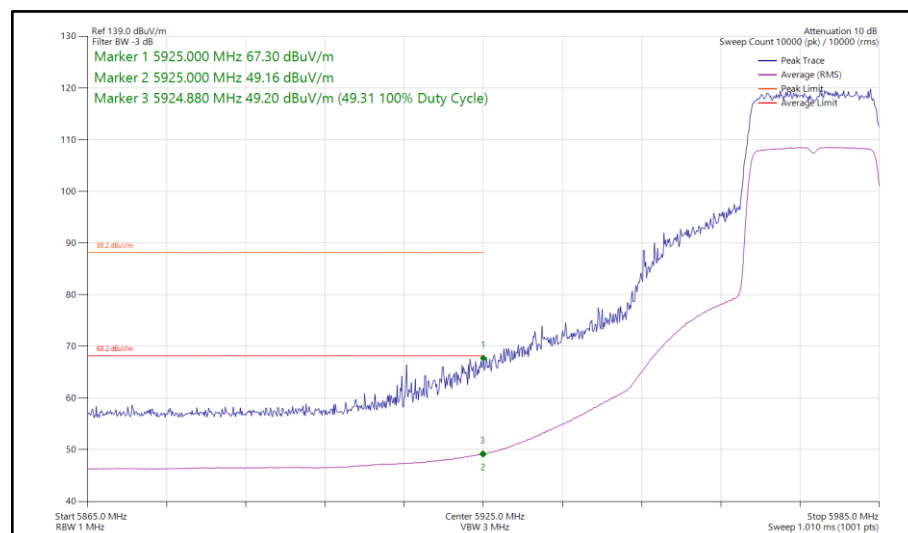
20 MHz Bandwidth - Core 0 - Core 1 (TxBF)

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 11x1	SU	-	5955	5925	77.83	61.07
802.11ax HE20	MCS 11x1	SU	-	5975	5925	67.73	49.31
802.11ax HE20	MCS 11x1	SU	-	7095	7125	80.44	60.85

Table 286 - TxBF Authorised Band Edge Results



**Figure 203 - 802.11ax HE20, SU, TxBF, Core 0 - Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz**



**Figure 204 - 802.11ax HE20, SU, TxBF, Core 0 - Core 1 - 5975 MHz
Band Edge Frequency 5925 MHz**

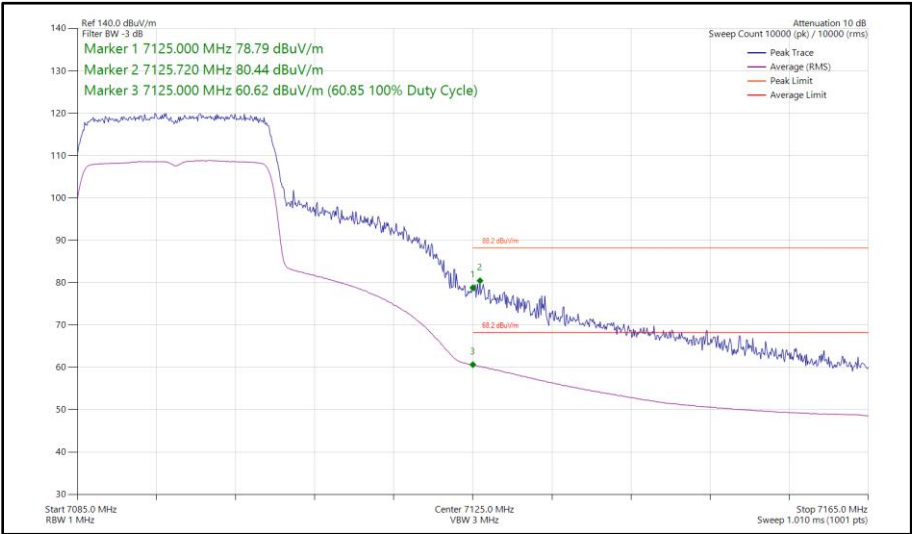


Figure 205 - 802.11ax HE20, SU, TxBF, Core 0 - Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz

40 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)
802.11ax HE40	MCS 4x1	SU	-	5965	5925	83.49	65.65
802.11ax HE40	MCS 11x1	106	56	5965	5925	58.44	45.47
802.11ax HE40	MCS 4x1	SU	-	7085	7125	82.09	65.69
802.11ax HE40	MCS 11x1	26	0	7085	7125	69.80	48.91

Table 287 - SISO Authorised Band Edge Results

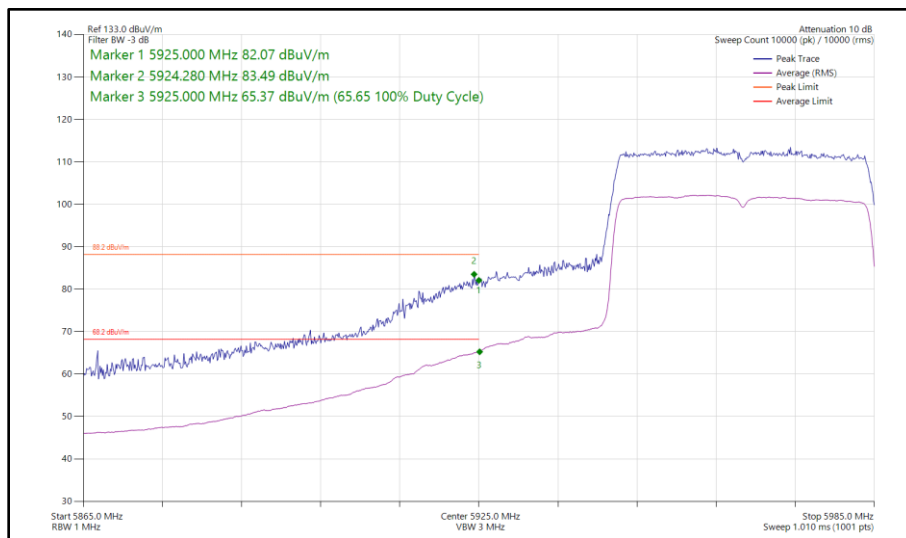


Figure 206 - 802.11ax HE40, SU, SISO, Core 0 - 5965 MHz
Band Edge Frequency 5925 MHz

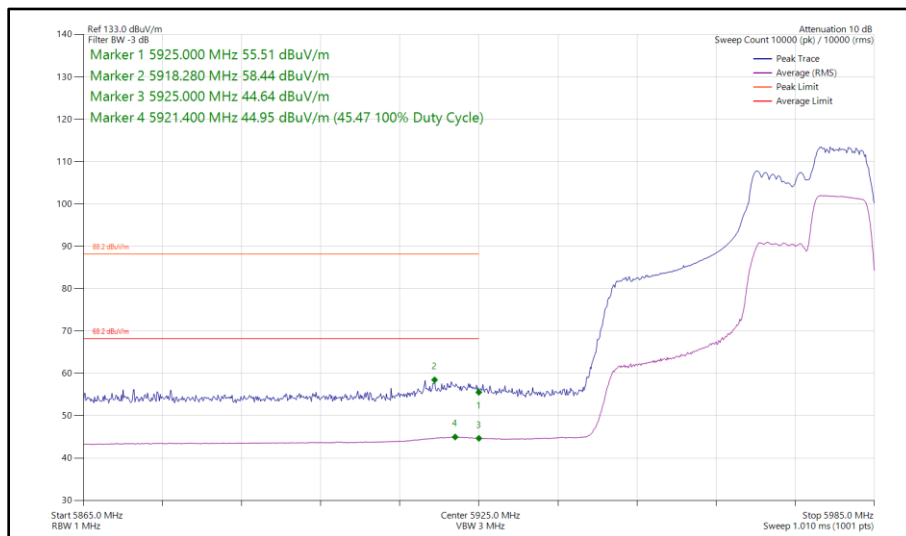
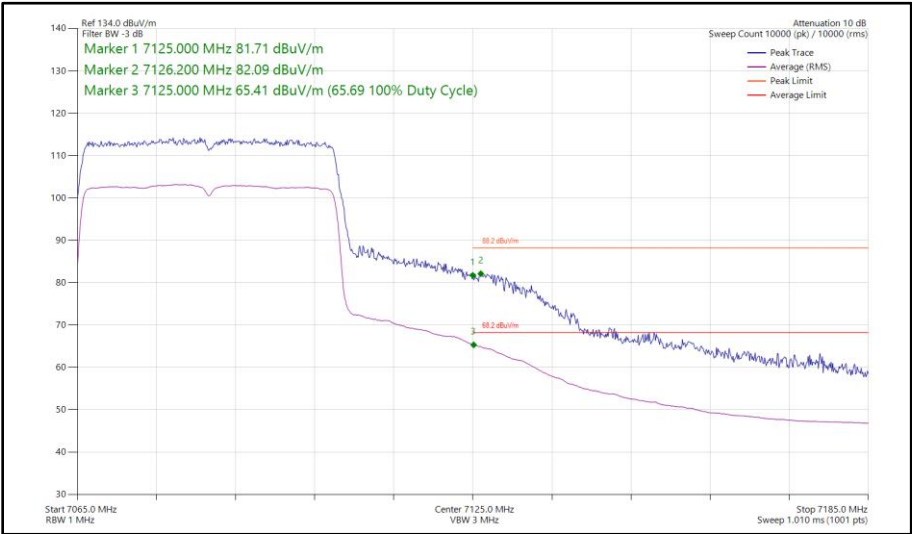
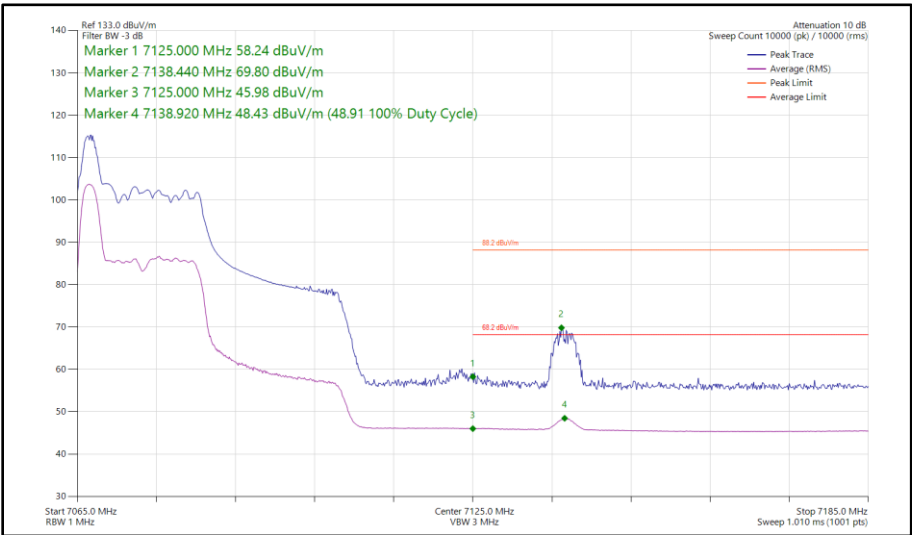


Figure 207 - 802.11ax HE40, RU 106-56, SISO, Core 0 - 5965 MHz
Band Edge Frequency 5925 MHz



**Figure 208 - 802.11ax HE40, SU, SISO, Core 0 - 7085 MHz
Band Edge Frequency 7125 MHz**



**Figure 209 - 802.11ax HE40, RU 26-0, SISO, Core 0 - 7085 MHz
Band Edge Frequency 7125 MHz**



40 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)
802.11ax HE40	MCS 2x1	SU	-	5965	5925	81.04	65.61
802.11ax HE40	MCS 11x1	106	56	5965	5925	58.47	45.78
802.11ax HE40	MCS 4x1	SU	-	7085	7125	81.77	65.42
802.11ax HE40	MCS 11x1	52	37	7085	7125	71.66	50.23

Table 288 - SISO Authorised Band Edge Results

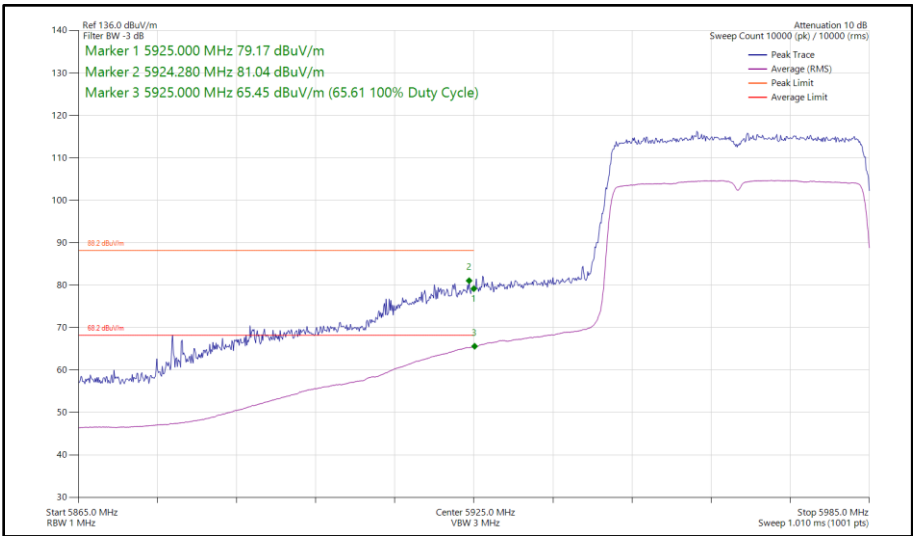


Figure 210 - 802.11ax HE40, SU, SISO, Core 1 - 5965 MHz
Band Edge Frequency 5925 MHz

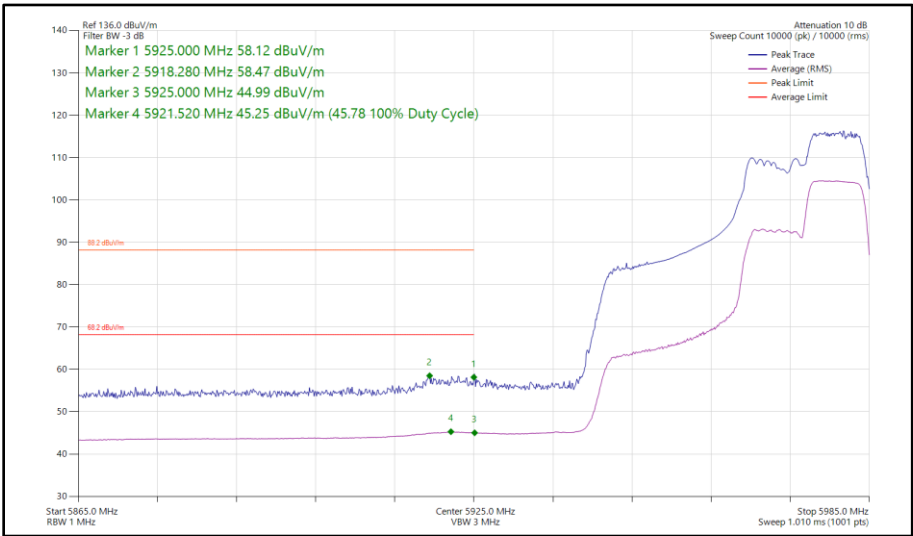
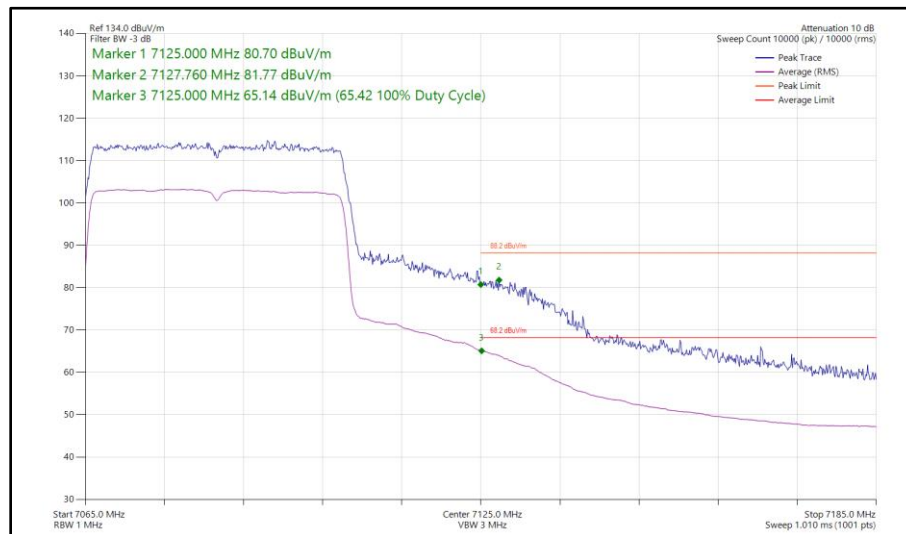
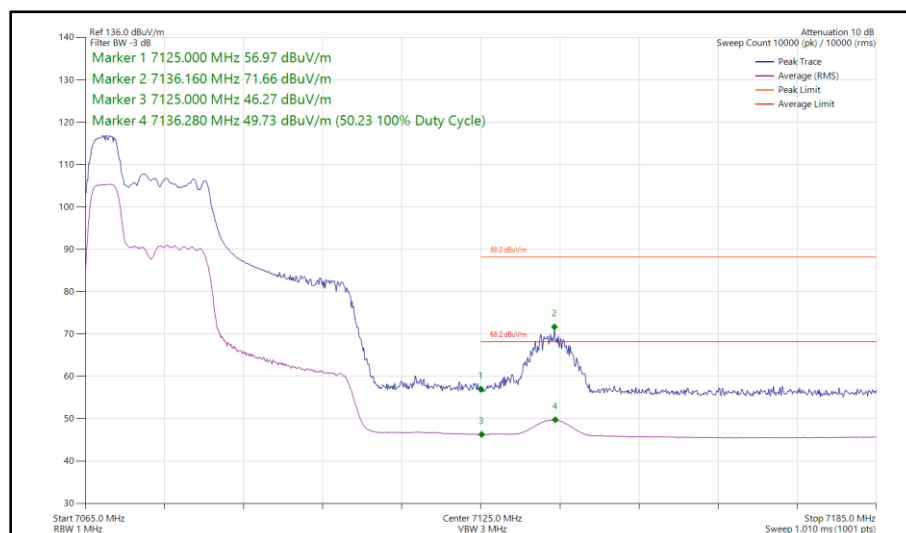


Figure 211 - 802.11ax HE40, RU 106-56, SISO, Core 1 - 5965 MHz
Band Edge Frequency 5925 MHz



**Figure 212 - 802.11ax HE40, SU, SISO, Core 1 - 7085 MHz
Band Edge Frequency 7125 MHz**



**Figure 213 - 802.11ax HE40, RU 52-37, SISO, Core 1 - 7085 MHz
Band Edge Frequency 7125 MHz**

40 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 HE40	MCS 2x1	SU	-	5965	5925	79.39	65.27
802.11ax HE40	MCS 11x1	106	56	5965	5925	59.30	46.66
802.11ax HE40	MCS 4x1	SU	-	7085	7125	82.10	65.60
802.11ax HE40	MCS 11x1	26	0	7085	7125	70.99	50.06

Table 289 - CDD Authorised Band Edge Results

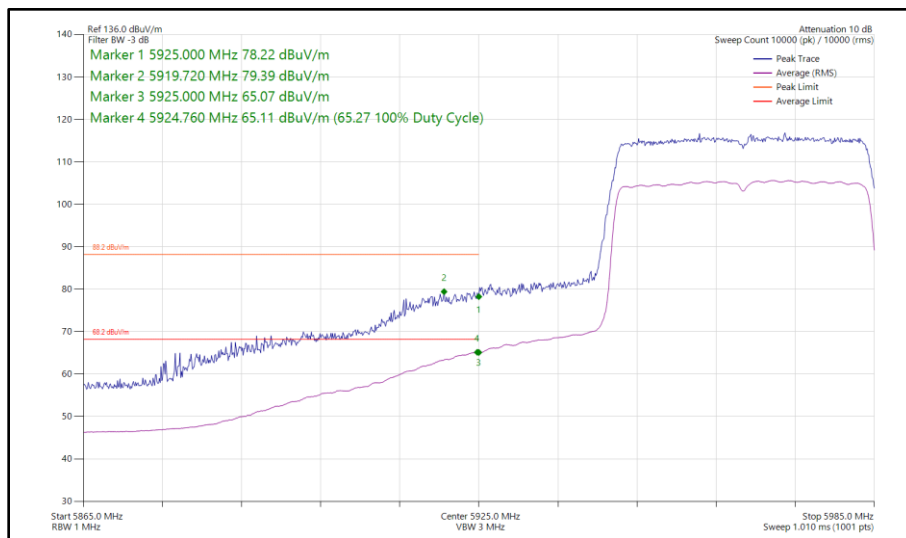


Figure 214 - 802.11ax HE40, SU, CDD, Core 0 - Core 1 - 5965 MHz
Band Edge Frequency 5925 MHz

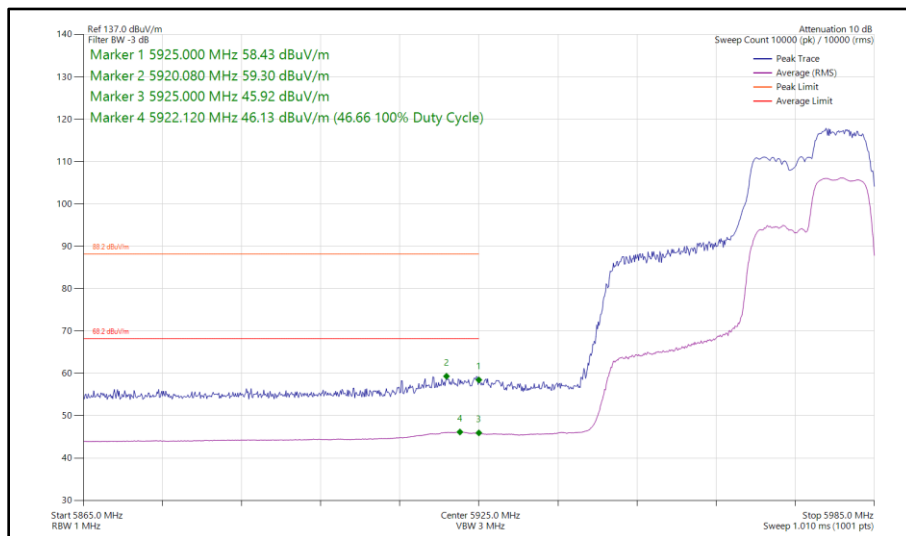
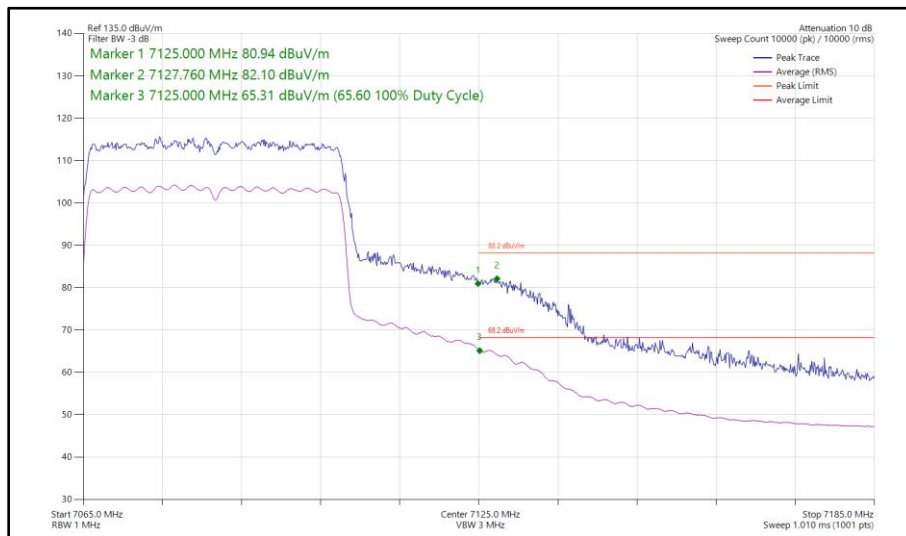
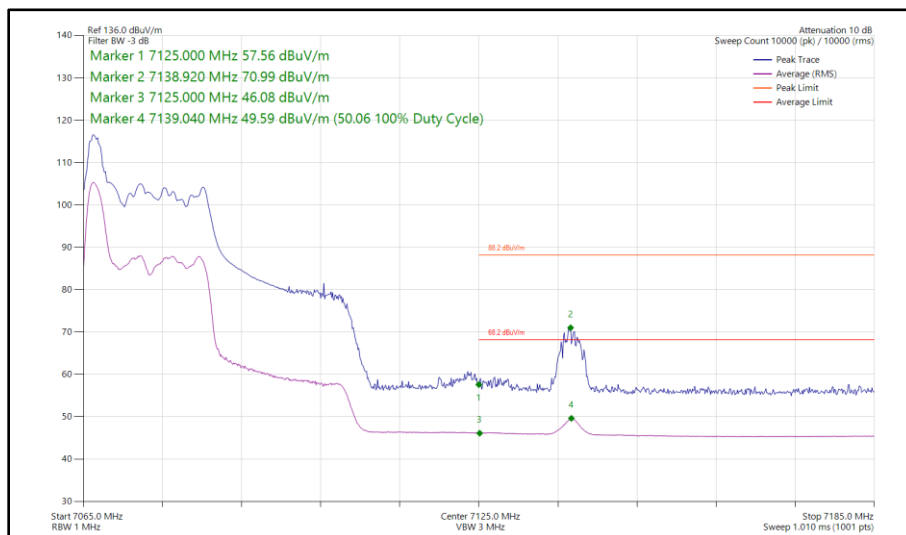


Figure 215 - 802.11ax HE40, RU 106-56, CDD, Core 0 - Core 1 - 5965 MHz
Band Edge Frequency 5925 MHz



**Figure 216 - 802.11ax HE40, SU, CDD, Core 0 - Core 1 - 7085 MHz
Band Edge Frequency 7125 MHz**



**Figure 217 - 802.11ax HE40, RU 26-0, CDD, Core 0 - Core 1 - 7085 MHz
Band Edge Frequency 7125 MHz**



40 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 HE40	MCS 11x2	SU	-	5965	5925	83.19	62.77
802.11ax HE40	MCS 11x2	106	56	5965	5925	58.50	46.15
802.11ax HE40	MCS 11x2	SU	-	7085	7125	83.31	64.24
802.11ax HE40	MCS 11x2	26	0	7085	7125	70.09	49.76

Table 290 - SDM Authorised Band Edge Results

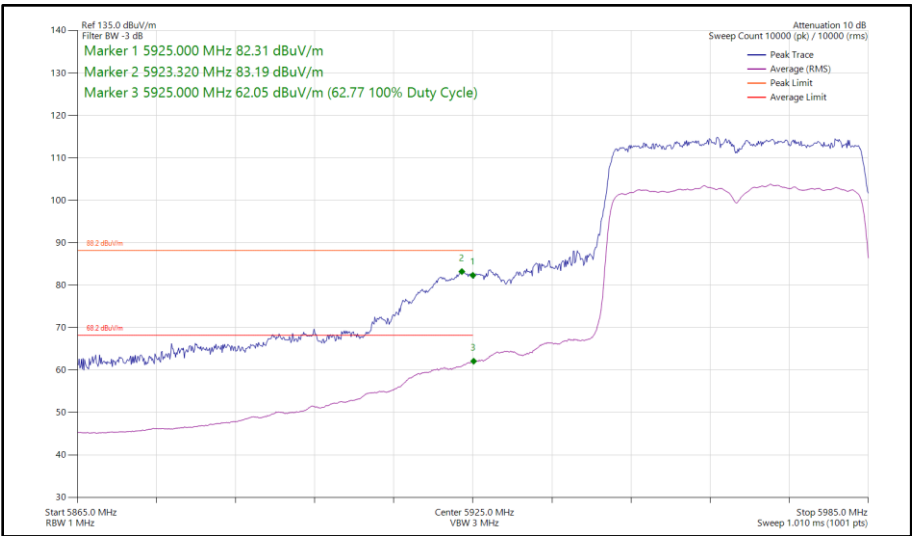


Figure 218 - 802.11ax HE40, SU, SDM, Core 0 - Core 1 - 5965 MHz
Band Edge Frequency 5925 MHz

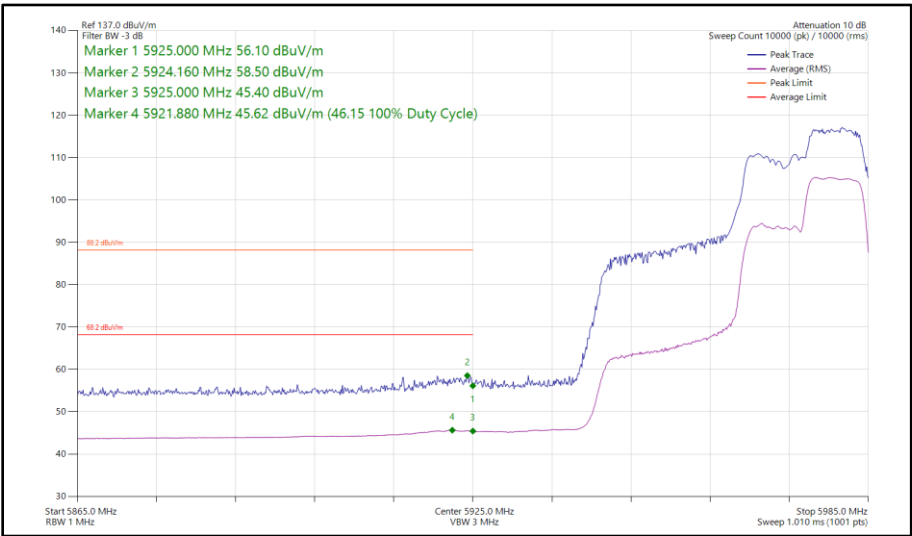


Figure 219 - 802.11ax HE40, RU 106-56, SDM, Core 0 - Core 1 - 5965 MHz
Band Edge Frequency 5925 MHz