



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)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	Duty Cycle (%):	95.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.19
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.11
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	-14.09	-14.45	-	-	-11.26	8.11	-3.15	-1.00	-2.15
6625	-14.10	-14.51	-	-	-11.29	8.10	-3.19	-1.00	-2.19
6705	-13.79	-14.07	-	-	-10.92	8.10	-2.82	-1.00	-1.82
6785	-16.16	-16.60	-	-	-13.36	8.10	-5.26	-1.00	-4.26
6865	-13.72	-13.86	-	-	-10.78	8.10	-2.68	-1.00	-1.68

Table 263 - 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)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	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.31
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.11
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				
6505	-12.60	-12.15	-	-	-9.36	8.10	-1.26	-1.00	-0.26
6665	-12.86	-12.72	-	-	-9.78	8.10	-1.68	-1.00	-0.68
6825	-12.36	-12.56	-	-	-9.45	8.10	-1.35	-1.00	-0.35

Table 264 - 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)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	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.09
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.10
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 (RU106.53)	-14.55	-14.47	-	-	-11.50	8.10	-3.40	-1.00	-2.40
6695 (RU106.53)	-14.45	-15.18	-	-	-11.79	8.10	-3.70	-1.00	-2.70
6855 (RU106.54)	-14.36	-14.26	-	-	-11.30	8.10	-3.21	-1.00	-2.21
6875 (RU106.53)	-14.49	-14.24	-	-	-11.35	8.10	-3.25	-1.00	-2.25

Table 265 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
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	Duty Cycle (%):	96.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.17
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.10
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				
6875	-14.91	-14.61	-	-	-11.75	5.97	-5.78	-1.00	-4.78
6895	-12.05	-12.19	-	-	-9.11	5.97	-3.13	-1.00	-2.13
6995	-12.32	-12.76	-	-	-9.52	5.97	-3.55	-1.00	-2.55
7115	-18.74	-20.00	-	-	-16.31	5.97	-10.34	-1.00	-9.34

Table 266 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
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	Duty Cycle (%):	96.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.17
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.10
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	-14.63	-14.93	-	-	-11.77	5.97	-5.80	-1.00	-4.80
6925	-14.17	-14.87	-	-	-11.50	5.97	-5.53	-1.00	-4.53
7005	-14.01	-14.72	-	-	-11.34	5.97	-5.37	-1.00	-4.37
7085	-14.30	-15.22	-	-	-11.72	5.97	-5.75	-1.00	-4.75

Table 267 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
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	Duty Cycle (%):	96.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.18
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.10
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				
6865	-14.52	-13.96	-	-	-11.22	5.97	-5.25	-1.00	-4.25
6945	-12.04	-11.98	-	-	-9.00	5.97	-3.03	-1.00	-2.03
7025	-11.84	-11.86	-	-	-8.84	5.97	-2.86	-1.00	-1.86

Table 268 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
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	Duty Cycle (%):	93.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.31
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.10
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				
6825	-15.39	-15.55	-	-	-12.46	5.97	-6.49	-1.00	-5.49
6985	-10.90	-10.47	-	-	-7.67	5.97	-1.70	-1.00	-0.70

<TableCaption> - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
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	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.13
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.97
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				
6895 (RU52.37)	-12.51	-12.69	-	-	-9.59	5.97	-3.62	-1.00	-2.62
6995 (RU52.37)	-12.57	-12.54	-	-	-9.54	5.97	-3.57	-1.00	-2.57
7095 (RU52.40)	-12.18	-13.26	-	-	-9.68	5.97	-3.70	-1.00	-2.70

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)(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	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.09
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.10
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				
6875 (RU106.54)	-14.64	-14.38	-	-	-11.50	5.97	-5.53	-1.00	-4.53
6895 (RU106.53)	-12.51	-12.03	-	-	-9.26	5.97	-3.28	-1.00	-2.28
6995 (RU106.53)	-12.53	-12.24	-	-	-9.37	5.97	-3.40	-1.00	-2.40
7095 (RU106.54)	-12.27	-12.70	-	-	-9.47	5.97	-3.49	-1.00	-2.49

Table 270 - 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)(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	Duty Cycle (%):	93.6
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.29
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.46
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	-12.45	-11.22	-	-	-8.78	5.46	-3.32	-1.00	-2.32
6175	-12.54	-11.51	-	-	-8.99	5.32	-3.67	-1.00	-2.67
6415	-10.65	-11.10	-	-	-7.86	4.46	-3.39	-1.00	-2.39

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)(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	Duty Cycle (%):	93.6
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.29
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.46
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	-14.00	-13.84	-	-	-10.91	5.46	-5.45	-1.00	-4.45
6165	-14.92	-14.39	-	-	-11.64	5.32	-6.32	-1.00	-5.32
6405	-10.51	-10.39	-	-	-7.44	4.46	-2.97	-1.00	-1.97

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)(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	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.31
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.46
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	-11.81	-11.22	-	-	-8.49	5.46	-3.03	-1.00	-2.03
6145	-12.00	-11.47	-	-	-8.71	5.32	-3.40	-1.00	-2.40
6385	-10.18	-10.50	-	-	-7.32	4.46	-2.86	-1.00	-1.86

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)(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	Duty Cycle (%):	89.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.49
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.46
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	-10.38	-9.43	-	-	-6.87	5.46	-1.41	-1.00	-0.41
6185	-9.91	-9.39	-	-	-6.63	5.32	-1.31	-1.00	-0.31
6345	-9.01	-8.56	-	-	-5.77	4.46	-1.31	-1.00	-0.31

Table 274 - 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)(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	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.46
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				
6275 (RU26.0)	-12.07	-10.82	-	-	-8.39	4.46	-3.93	-1.00	-2.93
6335 (RU26.0)	-11.51	-11.45	-	-	-8.47	4.46	-4.01	-1.00	-3.01
6415 (RU26.8)	-10.81	-11.54	-	-	-8.15	4.46	-3.68	-1.00	-2.68

Table 275 - 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)(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	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.13
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.46
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)	-11.68	-11.09	-	-	-8.37	5.46	-2.91	-1.00	-1.91
6175 (RU52.37)	-13.14	-12.30	-	-	-9.69	5.32	-4.37	-1.00	-3.37
6415 (RU52.40)	-10.87	-11.04	-	-	-7.94	4.46	-3.48	-1.00	-2.48

Table 276 - 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)(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	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.09
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.46
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)	-12.01	-11.41	-	-	-8.69	5.46	-3.23	-1.00	-2.23
6175 (RU106.53)	-13.21	-12.34	-	-	-9.75	5.32	-4.43	-1.00	-3.43
6415 (RU106.54)	-10.59	-10.84	-	-	-7.70	4.46	-3.24	-1.00	-2.24

Table 277 - 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)(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	Duty Cycle (%):	93.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.28
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				
6435	-11.00	-11.44	-	-	-8.20	4.55	-3.65	-1.00	-2.65
6475	-11.36	-11.39	-	-	-8.36	4.55	-3.81	-1.00	-2.81
6515	-10.92	-11.02	-	-	-7.96	4.55	-3.41	-1.00	-2.41

Table 278 - 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)(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	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				
6445	-11.29	-11.11	-	-	-8.19	4.55	-3.64	-1.00	-2.64
6485	-11.05	-11.04	-	-	-8.04	4.55	-3.48	-1.00	-2.48
6525	-11.22	-11.13	-	-	-8.16	4.55	-3.61	-1.00	-2.61

Table 279 - 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)(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	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.32
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				
6465	-10.77	-10.80	-	-	-7.77	4.55	-3.22	-1.00	-2.22
6545	-11.61	-11.93	-	-	-8.76	4.55	-4.21	-1.00	-3.21

Table 280 - 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)(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	Duty Cycle (%):	89.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.47
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				
6505	-8.98	-9.12	-	-	-6.04	4.55	-1.48	-1.00	-0.48

Table 281 - 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)(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	Duty Cycle (%):	97.2
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				
6435 (RU26.0)	-11.00	-11.71	-	-	-8.33	4.55	-3.78	-1.00	-2.78
6475 (RU26.0)	-11.20	-11.75	-	-	-8.45	4.55	-3.90	-1.00	-2.90
6515 (RU26.8)	-11.43	-11.21	-	-	-8.31	4.55	-3.76	-1.00	-2.76

Table 282 - 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)(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	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				
6435 (RU52.37)	-11.01	-10.85	-	-	-7.92	4.55	-3.37	-1.00	-2.37
6475 (RU52.37)	-10.76	-10.95	-	-	-7.84	4.55	-3.29	-1.00	-2.29
6515 (RU52.40)	-10.97	-10.84	-	-	-7.89	4.55	-3.34	-1.00	-2.34

Table 283 - 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)(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	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				
6435 (RU106.53)	-10.74	-11.27	-	-	-7.98	4.55	-3.43	-1.00	-2.43
6475 (RU106.53)	-11.17	-11.39	-	-	-8.27	4.55	-3.72	-1.00	-2.72
6515 (RU106.54)	-10.85	-11.04	-	-	-7.93	4.55	-3.38	-1.00	-2.38

Table 284 - 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)(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	Duty Cycle (%):	93.5
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.29
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.09
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	-11.55	-11.76	-	-	-8.64	5.09	-3.55	-1.00	-2.55
6695	-11.43	-12.20	-	-	-8.79	5.09	-3.69	-1.00	-2.69
6855	-11.34	-11.75	-	-	-8.53	5.09	-3.44	-1.00	-2.44
6875	-11.32	-11.82	-	-	-8.55	5.09	-3.46	-1.00	-2.46

Table 285 - 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)(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	Duty Cycle (%):	93.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.30
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.10
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				
6525	-11.37	-11.60	-	-	-8.47	5.10	-3.37	-1.00	-2.37
6565	-11.34	-11.78	-	-	-8.55	5.09	-3.45	-1.00	-2.45
6685	-11.38	-11.40	-	-	-8.38	5.09	-3.29	-1.00	-2.29
6845	-14.39	-14.25	-	-	-11.31	5.09	-6.22	-1.00	-5.22
6885	-13.71	-14.05	-	-	-10.86	5.09	-5.77	-1.00	-4.77

Table 286 - 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)(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	Duty Cycle (%):	93.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.32
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.10
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	-11.05	-11.38	-	-	-8.20	5.10	-3.10	-1.00	-2.10
6625	-11.17	-11.47	-	-	-8.31	5.09	-3.22	-1.00	-2.22
6705	-11.29	-11.38	-	-	-8.33	5.09	-3.23	-1.00	-2.23
6785	-10.85	-10.95	-	-	-7.89	5.09	-2.80	-1.00	-1.80
6865	-11.22	-10.86	-	-	-8.02	5.09	-2.93	-1.00	-1.93

Table 287 - 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)(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	Duty Cycle (%):	89.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.49
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.10
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				
6505	-9.61	-9.62	-	-	-6.61	5.09	-1.50	-1.00	-0.50
6665	-9.92	-9.27	-	-	-6.57	5.09	-1.48	-1.00	-0.48
6825	-9.29	-9.33	-	-	-6.30	5.09	-1.21	-1.00	-0.21

Table 288 - 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)(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	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.13
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.09
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 (RU52.37)	-11.57	-11.40	-	-	-8.47	5.09	-3.38	-1.00	-2.38
6695 (RU52.37)	-11.57	-12.23	-	-	-8.88	5.09	-3.78	-1.00	-2.78
6855 (RU52.40)	-11.58	-11.50	-	-	-8.53	5.09	-3.43	-1.00	-2.43
6875 (RU52.38)	-11.60	-11.46	-	-	-8.52	5.09	-3.42	-1.00	-2.42

Table 289 - 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)(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	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.09
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.09
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 (RU106.53)	-11.33	-11.40	-	-	-8.36	5.09	-3.26	-1.00	-2.26
6695 (RU106.53)	-11.43	-11.99	-	-	-8.69	5.09	-3.60	-1.00	-2.60
6855 (RU106.54)	-11.24	-11.88	-	-	-8.54	5.09	-3.45	-1.00	-2.45
6875 (RU106.53)	-11.38	-11.42	-	-	-8.39	5.09	-3.29	-1.00	-2.29

Table 290 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
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	Duty Cycle (%):	93.5
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.29
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.09
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				
6875	-11.58	-11.94	-	-	-8.74	2.97	-5.77	-1.00	-4.77
6895	-11.06	-10.95	-	-	-7.99	2.97	-5.02	-1.00	-4.02
6995	-10.69	-10.87	-	-	-7.77	2.97	-4.79	-1.00	-3.79
7115	-16.82	-17.82	-	-	-14.28	2.97	-11.31	-1.00	-10.31

Table 291 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
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	Duty Cycle (%):	93.6
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.29
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.09
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	-13.67	-14.00	-	-	-10.82	2.97	-7.85	-1.00	-6.85
6925	-9.30	-9.19	-	-	-6.23	2.97	-3.26	-1.00	-2.26
7005	-9.68	-9.53	-	-	-6.59	2.97	-3.62	-1.00	-2.62
7085	-8.96	-8.97	-	-	-5.95	2.97	-2.98	-1.00	-1.98

Table 292 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
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	Duty Cycle (%):	93.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.30
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.09
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				
6865	-11.61	-11.22	-	-	-8.40	2.97	-5.43	-1.00	-4.43
6945	-9.02	-9.09	-	-	-6.05	2.97	-3.07	-1.00	-2.07
7025	-9.42	-8.92	-	-	-6.15	2.97	-3.18	-1.00	-2.18

Table 293 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
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	Duty Cycle (%):	89.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.49
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.09
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				
6825	-12.46	-12.30	-	-	-12.46	2.97	-9.49	-1.00	-8.49
6985	-7.46	-6.92	-	-	-4.17	2.97	-1.20	-1.00	-0.20

<TableCaption> - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
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	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.13
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	2.97
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				
6895 (RU26.0)	-9.68	-10.08	-	-	-6.87	2.97	-3.89	-1.00	-2.89
6995 (RU26.0)	-9.93	-9.67	-	-	-6.79	2.97	-3.82	-1.00	-2.82
7095 (RU26.8)	-9.56	-10.88	-	-	-7.16	2.97	-4.19	-1.00	-3.19

Table 294 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
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	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.09
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				
6875 (RU52.39)	-11.57	-11.36	-	-	-8.46	2.97	-5.49	-1.00	-4.49
6895 (RU52.37)	-9.11	-8.93	-	-	-6.01	2.97	-3.03	-1.00	-2.03
6995 (RU52.37)	-9.25	-9.34	-	-	-6.28	2.97	-3.31	-1.00	-2.31
7095 (RU52.40)	-9.37	-9.94	-	-	-6.64	2.97	-3.66	-1.00	-2.66

Table 295 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
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	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.09
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.09
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				
6875 (RU106.54)	-11.54	-11.38	-	-	-8.45	2.97	-5.48	-1.00	-4.48
6895 (RU106.53)	-8.99	-9.29	-	-	-6.13	2.97	-3.15	-1.00	-2.15
6995 (RU106.53)	-9.26	-9.70	-	-	-6.46	2.97	-3.49	-1.00	-2.49
7095 (RU106.54)	-9.14	-10.21	-	-	-6.63	2.97	-3.66	-1.00	-2.66

Table 296 - 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	Duty Cycle (%):	94.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.26
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	8.44
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	-15.22	-15.31	-	-	-12.26	8.44	-3.82	-1.00	-2.82
6145	-15.16	-17.72	-	-	-13.24	8.26	-4.98	-1.00	-3.98
6385	-15.35	-13.55	-	-	-11.34	7.43	-3.91	-1.00	-2.91

Table 297 - 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	Duty Cycle (%):	93.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.28
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	7.51
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	-16.22	-14.04	-	-	-11.98	7.51	-4.47	-1.00	-3.47
6545	-16.54	-15.42	-	-	-12.93	7.51	-5.43	-1.00	-4.43

Table 298 - 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	Duty Cycle (%):	91.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.40
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	8.11
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	-17.61	-14.45	-	-	-12.74	8.11	-4.63	-1.00	-3.63
6625	-14.65	-17.10	-	-	-12.69	8.10	-4.60	-1.00	-3.60
6705	-20.16	-14.31	-	-	-13.30	8.10	-5.21	-1.00	-4.21
6785	-14.38	-14.51	-	-	-11.44	8.10	-3.34	-1.00	-2.34
6865	-18.71	-14.46	-	-	-13.08	8.10	-4.98	-1.00	-3.98

Table 299 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
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	Duty Cycle (%):	93.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.28
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	5.97
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				
6925	-14.34	-13.83	-	-	-11.07	5.97	-5.09	-1.00	-4.09
7005	-13.14	-13.91	-	-	-10.50	5.97	-4.52	-1.00	-3.52
7085	-13.70	-14.02	-	-	-10.84	5.97	-4.87	-1.00	-3.87

Table 300 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	U-NII-8
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	Duty Cycle (%):	94.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.24
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	8.10
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				
6865	-15.25	-21.04	-	-	-14.23	8.10	-6.13	-1.00	-5.13
6945	-17.18	-12.75	-	-	-11.41	5.97	-5.44	-1.00	-4.44
7025	-12.93	-12.46	-	-	-9.68	5.97	-3.71	-1.00	-2.71

Table 301 - Maximum Power Spectral Density Results

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 4.6.3

The following limits shall apply to client devices:

- a) the maximum e.i.r.p. spectral density shall not exceed -1 dBm/MHz; and the maximum e.i.r.p. shall not exceed 24 dBm/occupied bandwidth.

2.3.7 Test Location and Test Equipment Used

This test was carried out in RF Laboratory 1.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Multimeter	Fluke	79 Series III	611	12	21-Dec-2022
Hygrometer	Rotronic	I-1000	3068	12	21-Sep-2023
Hygrometer	Rotronic	I-1000	3220	12	05-Nov-2022
Network Analyser	Rohde & Schwarz	ZVA 40	3548	12	24-Feb-2023
Calibration Unit	Rohde & Schwarz	ZV-Z54	4368	12	24-Feb-2023
Frequency Standard	Spectracom	SecureSync 1200-0408-0601	4393	6	01-Feb-2023



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
AC Programmable Power Supply	iTech	IT7324	5225	-	O/P Mon
AC Programmable Power Supply	iTech	IT7324	5226	-	O/P Mon
Attenuator 5W 30dB DC-18GHz	Aaren	AT40A-4041-D18-30	5502	12	21-Apr-2023
MXA Signal Analyser	Keysight Technologies	N9020B	5528	24	21-Mar-2024
Signal Conditioning Unit	TUV SUD	SPECTRUM SCU001	5546	12	06-Apr-2023
2-Way Power Divider (2-8 GHz)	Aaren	AT30A-TE0208-2-AF	5685	12	20-Dec-2022
2-Way Power Divider (2-8 GHz)	Aaren	AT30A-TE0208-2-AF	5687	12	20-Dec-2022
Signal Conditioning Unit	TUV SUD	SPECTRUM SCU002	5759	12	05-Jul-2023
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	5765	-	O/P Mon
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	5766	-	O/P Mon
1500VA AC Power Supply	iTech	IT7324	5907	-	O/P Mon
Signal Analyser	Keysight Technologies	N9020B	5919	24	13-Mar-2024
Signal Conditioning Unit	TUV SUD	SPECTRUM SCU003	5932	12	10-May-2023
Coaxial Fixed Attenuator DC-18GHz 5W 10dB	RF-Lambda	RFS5G18B10SMP	6175	12	17-Jul-2023
Coaxial Fixed Attenuator DC-18GHz 5W 10dB	RF-Lambda	RFS5G18B10SMP	6176	12	17-Jul-2023

Table 302

O/P Mon – Output Monitored using calibrated equipment



2.4 Authorised Band Edges

2.4.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (b)
ISED RSS-248, Clause 4.7
ISED RSS-GEN, Clause 6.13

2.4.2 Equipment Under Test and Modification State

A2780, S/N: FWC3JLYYHC - Modification State 0

2.4.3 Date of Test

02-August-2022 to 15-November-2022

2.4.4 Test Method

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

For U-NII-2C 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 (dB μ V/m at 3 m) = EIRP (dBm) + 95.2 dB

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.

2.4.5 Environmental Conditions

Ambient Temperature	20.0 - 22.5 °C
Relative Humidity	40.3 - 69.3 %

2.4.6 Test Results

6 GHz WLAN

20 MHz Bandwidth (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, Core 0	54 Mbps	-	-	5955	5925	57.55	45.87
802.11ax HE20, Core 0	MCS 11x1	SU	-	5955	5925	57.88	45.99
802.11ax HE20, Core 0	MCS 11x1	26	0	5955	5925	60.24	48.65
802.11a, Core 1	54 Mbps	-	-	7115	7125	79.65	65.57
802.11ax HE20, Core 1	MCS 2x1	SU	-	7115	7125	78.67	65.57

Table 303 - SISO Authorised Band Edge results

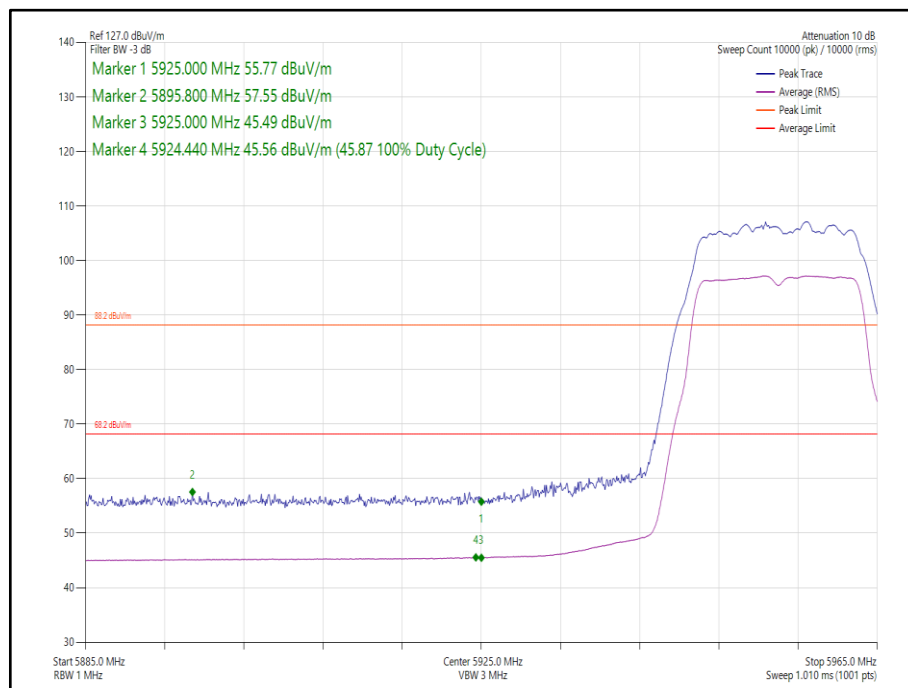
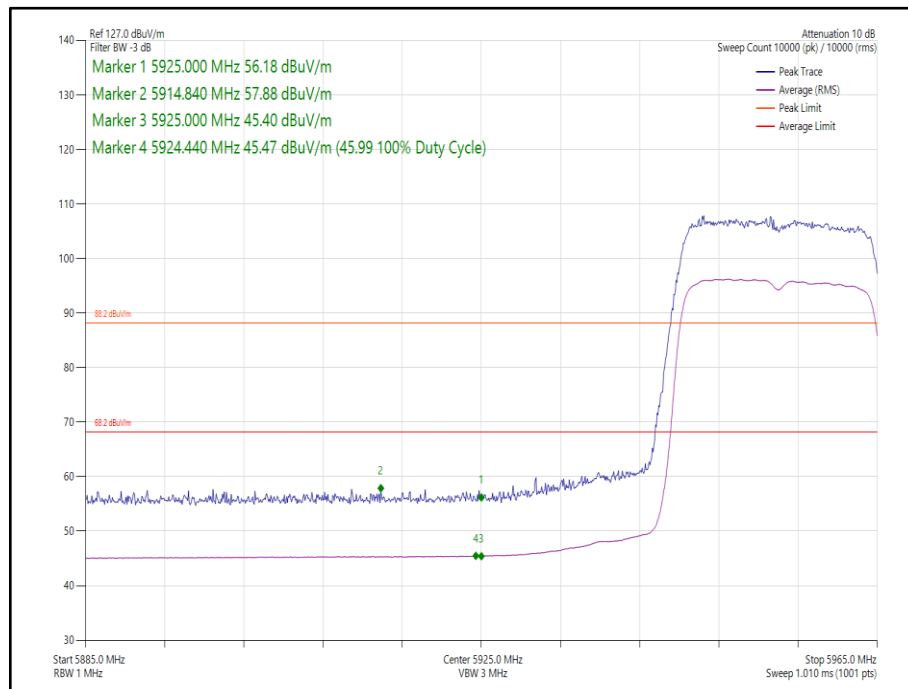
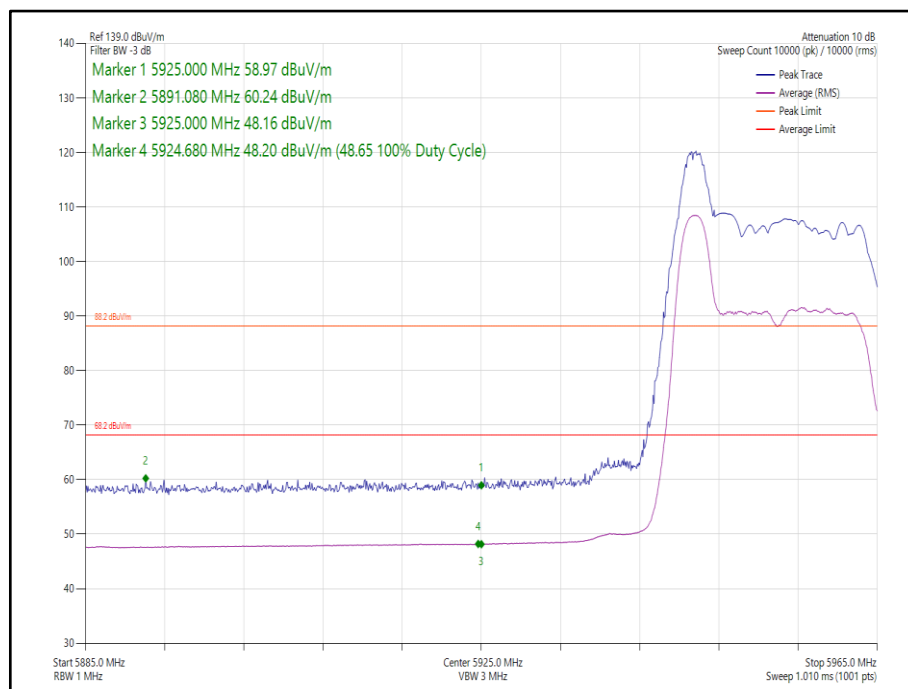


Figure 31 - 802.11a, Core 0 - 5955 MHz
Band Edge Frequency 5925 MHz



**Figure 32- 802.11ax HE20, Core 0, SU - 5955 MHz
Band Edge Frequency 5925 MHz**



**Figure 33- 802.11ax HE20, Core 0, 26-0 - 5955 MHz
Band Edge Frequency 5925 MHz**

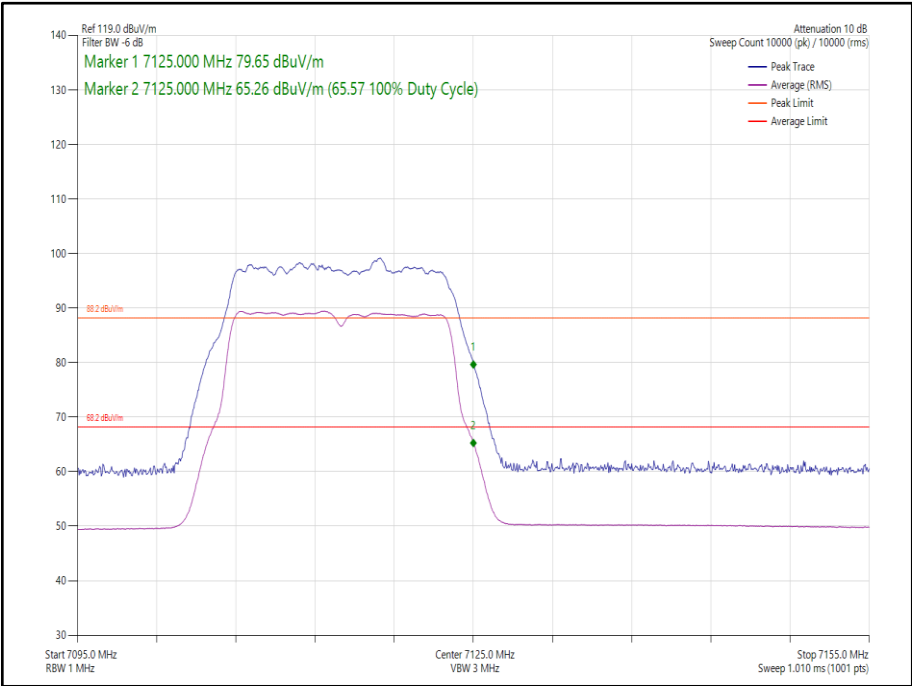


Figure 34 - 802.11a, Core 1 - 7115 MHz
Band Edge Frequency 7125 MHz

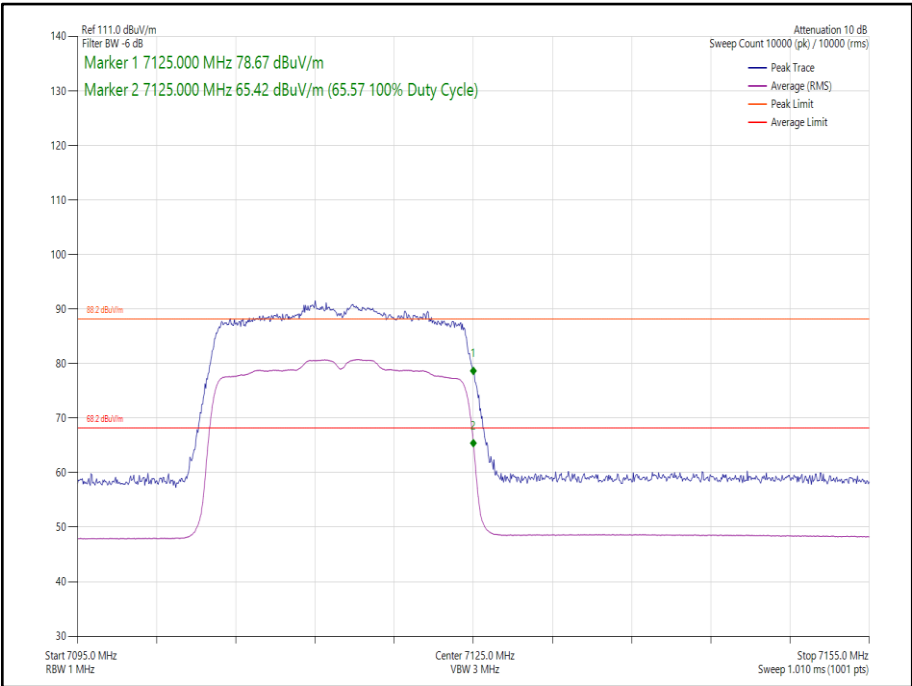
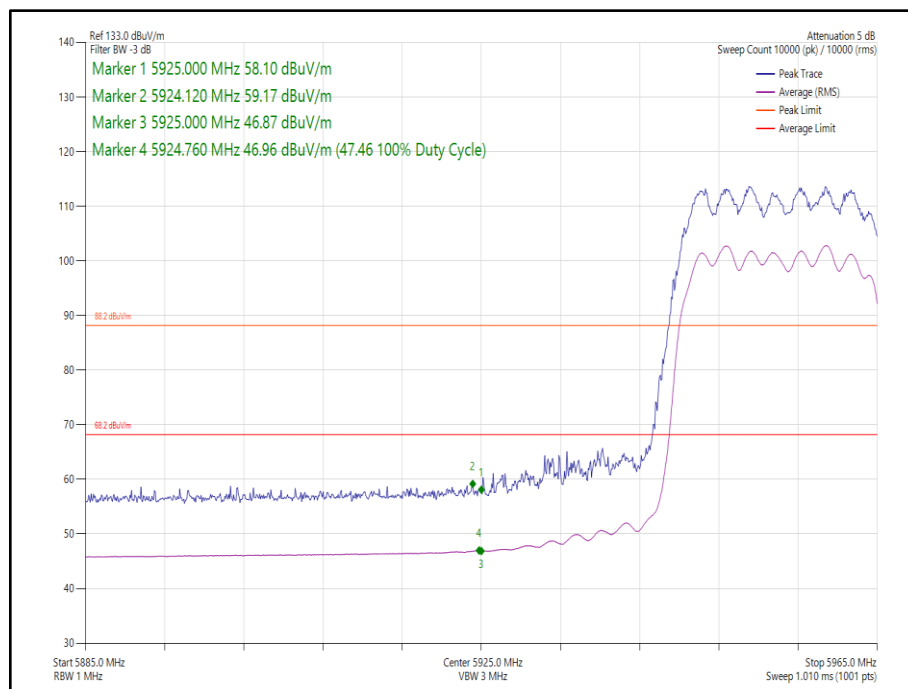


Figure 35- 802.11ax HE20, Core 1, SU - 7115 MHz
Band Edge Frequency 7125 MHz

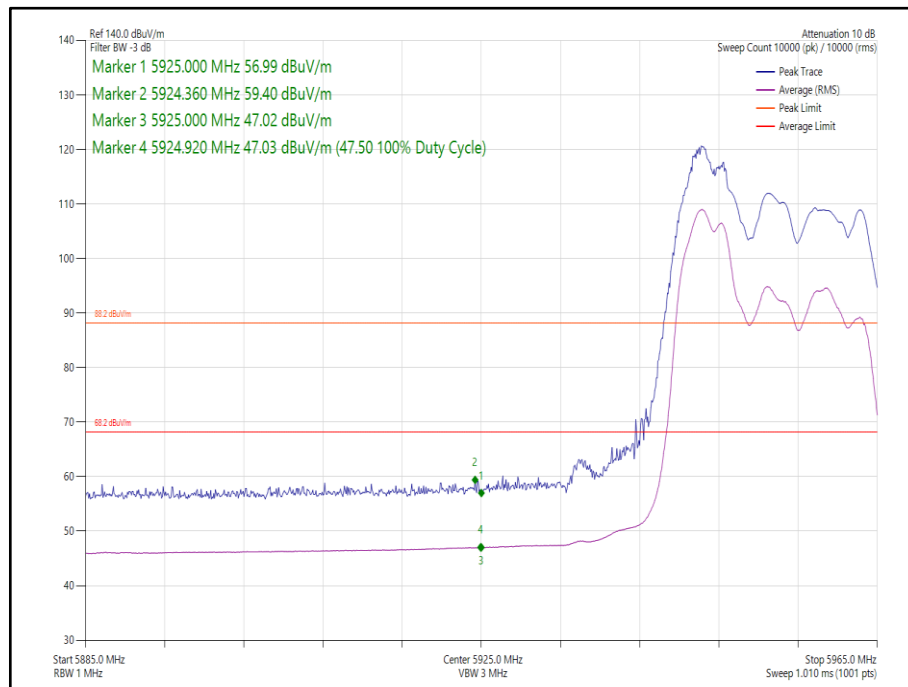
20 MHz Bandwidth (2TX MIMO)

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 CDD, Cores 0-1	MCS 11x1	SU	-	5955	5925	59.17	47.46
802.11ax HE20 CDD, Cores 0-1	MCS 11x1	52	37	5955	5925	59.40	47.50
802.11ax HE20 SDM, Cores 0-1	MCS 4x2	SU	-	5955	5925	58.95	47.53
802.11ax HE20 SDM, Cores 0-1	MCS 11x2	26	0	5955	5925	56.15	44.20
802.11ax HE20 CDD, Cores 0-1	MCS 4x1	SU	-	7115	7125	59.92	48.26
802.11ax HE20 SDM, Cores 0-1	MCS 2x2	SU	-	7115	7125	60.53	48.36

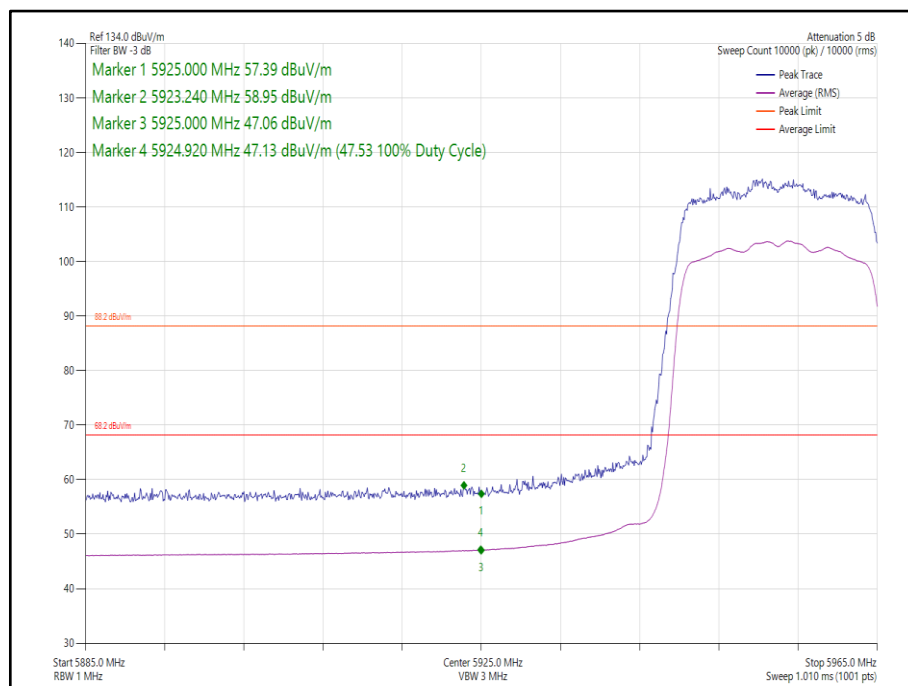
Table 304 - MIMO 2TX Authorised Band Edge Results



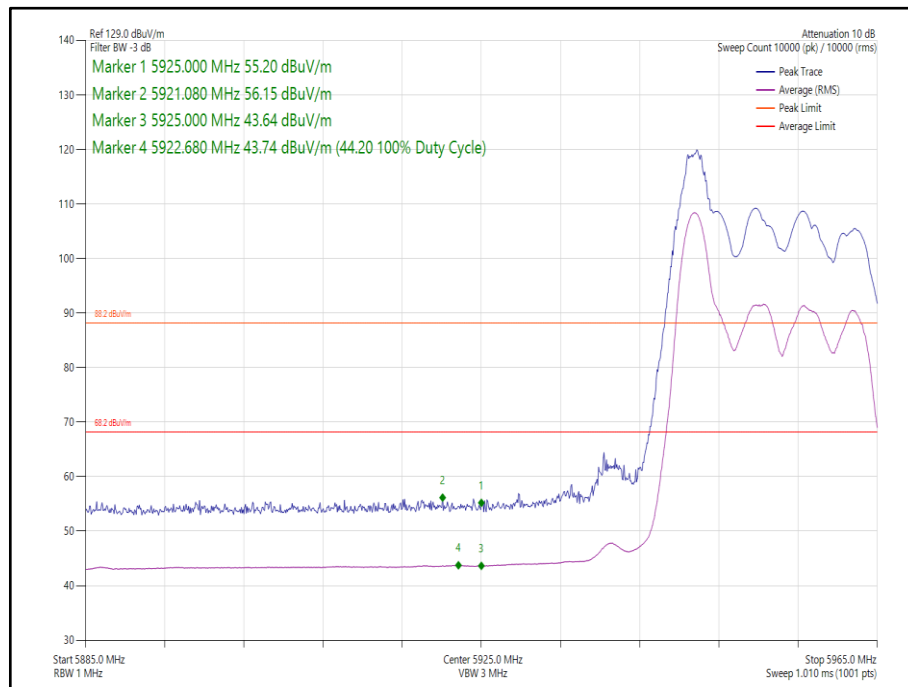
**Figure 36 - - 802.11ax HE20 CDD, Cores 0-1, SU - 5955 MHz
Band Edge Frequency 5925 MHz**



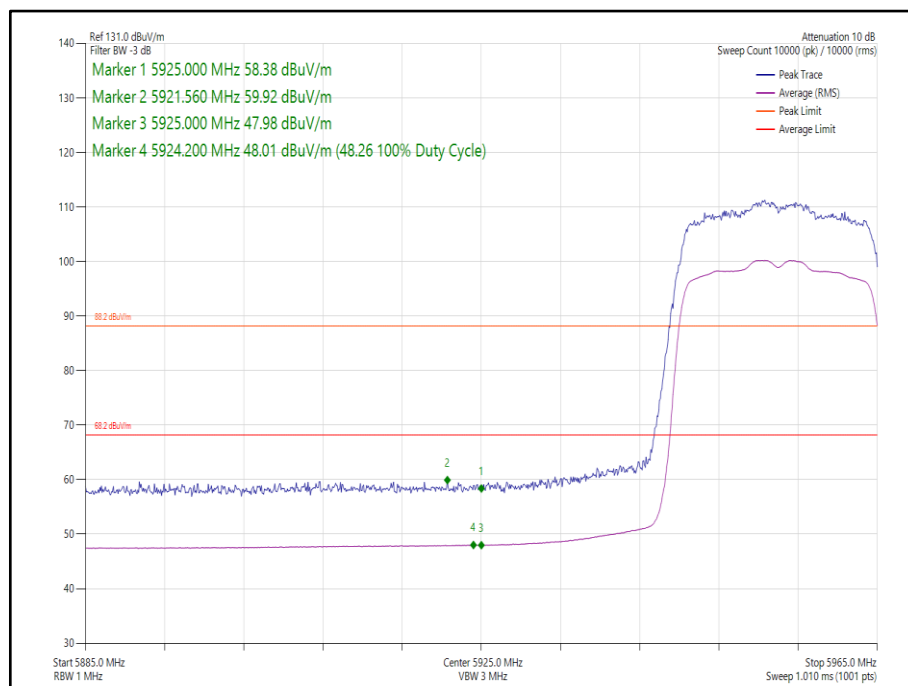
**Figure 37 - 802.11ax HE20 CDD, Cores 0-1 52-37 - 5955 MHz
Band Edge Frequency 5925 MHz**



**Figure 38 - - 802.11ax HE20 SDM, Cores 0-1 SU - 5955 MHz
Band Edge Frequency 5925 MHz**



**Figure 39 - 802.11ax HE20 SDM, Cores 0-1 26-0 - 5955 MHz
Band Edge Frequency 5925 MHz**



**Figure 40 - 802.11ax HE20 CDD, Cores 0-1, SU - 7115 MHz
Band Edge Frequency 7125 MHz**

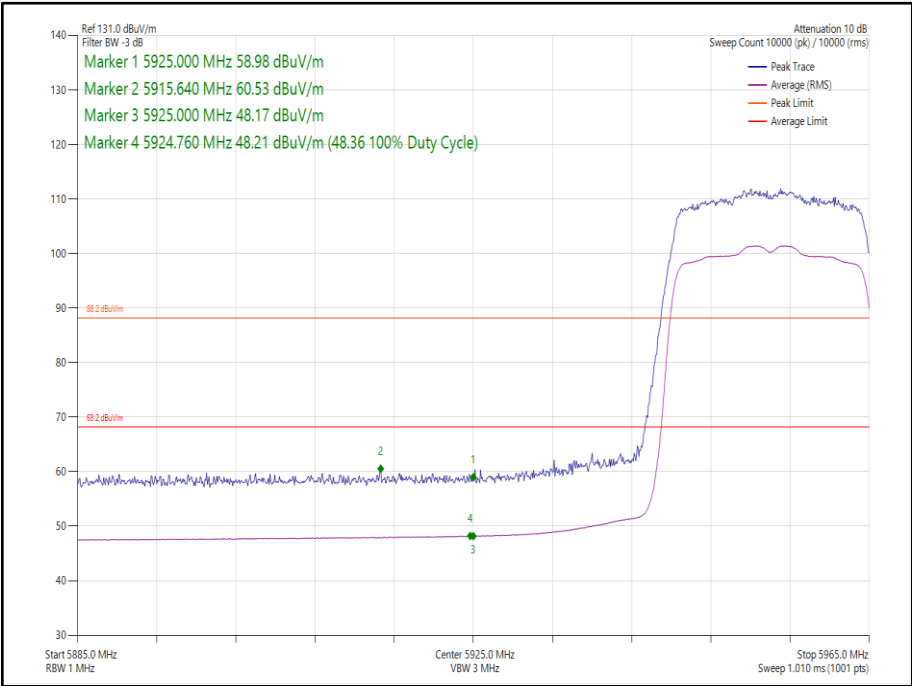
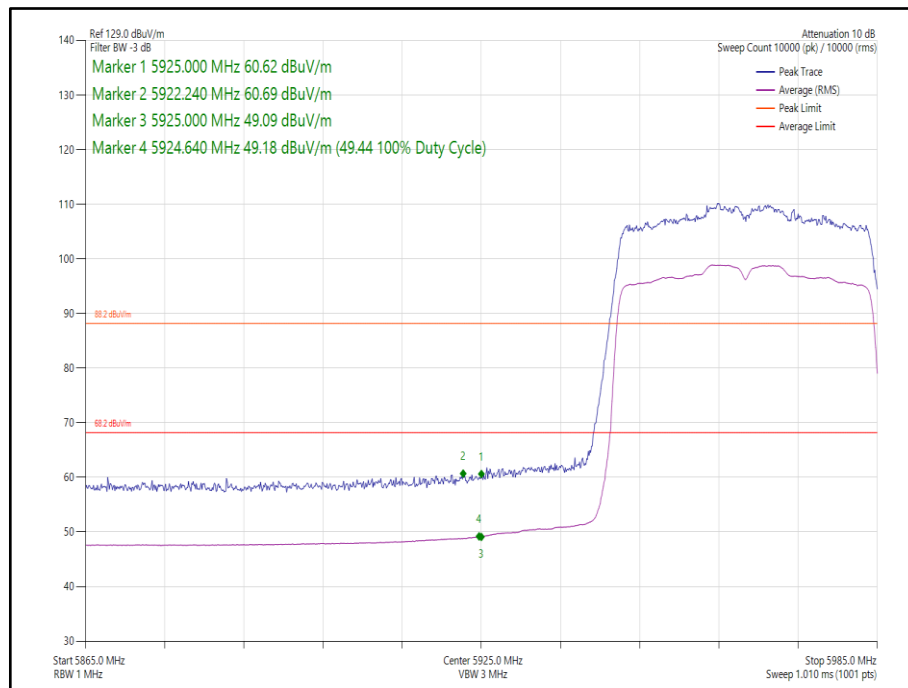


Figure 41 - - 802.11ax HE20 SDM, Cores 0-1, SU - 7115 MHz
Band Edge Frequency 7125 MHz

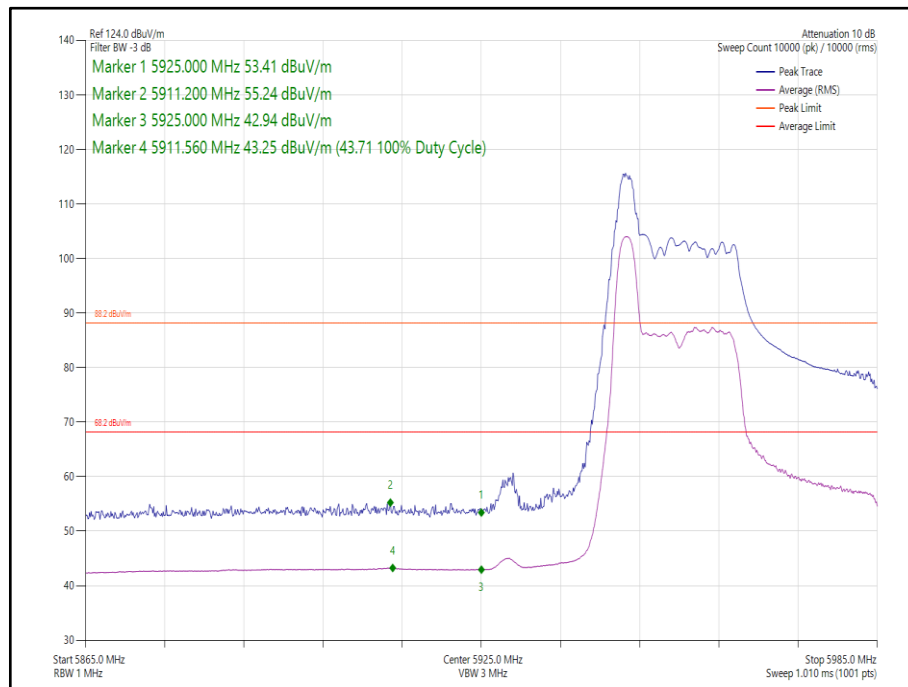
40 MHz Bandwidth (SISO)

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, Core 0	MCS 4x1	SU	-	5965	5925	60.69	49.44
802.11ax HE40, Core 0	MCS 11x1	26	0	5965	5925	55.24	43.71
802.11ax HE40, Core 1	MCS 11x1	SU	-	7085	7125	64.07	50.47
802.11ax HE40, Core 1	MCS 11x1	26	17	7085	7125	59.53	47.58

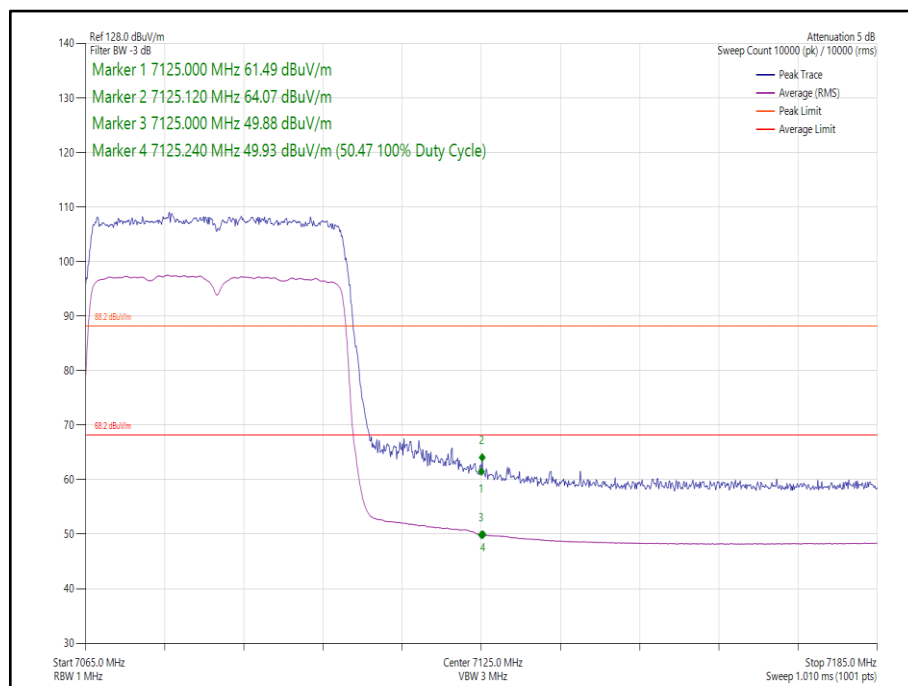
Table 305 - SISO Authorised Band Edge Results



**Figure 42 - 802.11ax HE40, Core 0, SU - 5965 MHz
Band Edge Frequency 5925 MHz**



**Figure 43 - 802.11ax HE40, Core 0, 26-0 - 5965 MHz
Band Edge Frequency 5925 MHz**



**Figure 44 - 802.11ax HE40, Core 1, SU - 7085 MHz
Band Edge Frequency 7125 MHz**

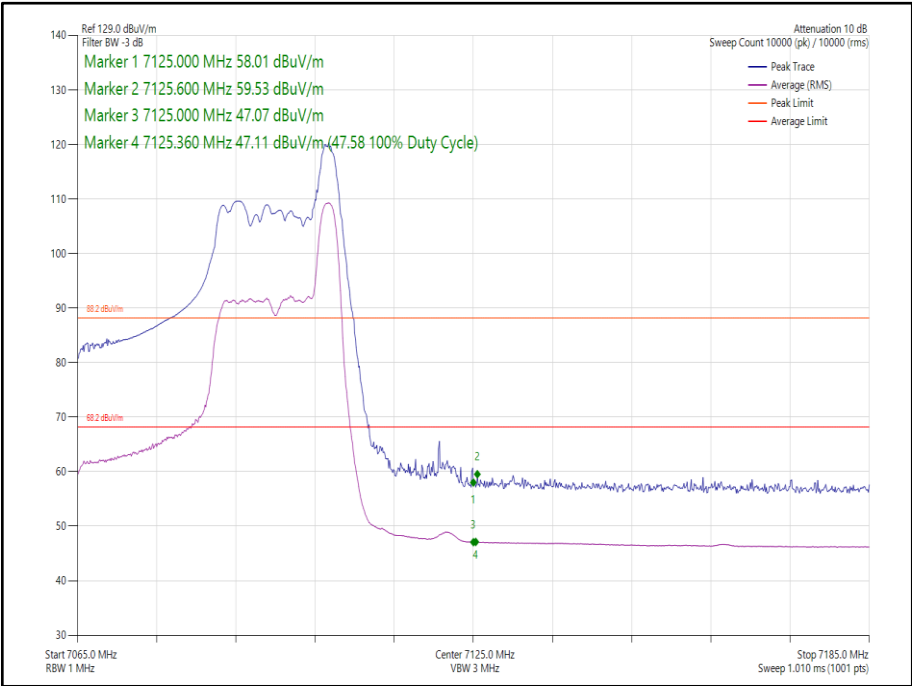
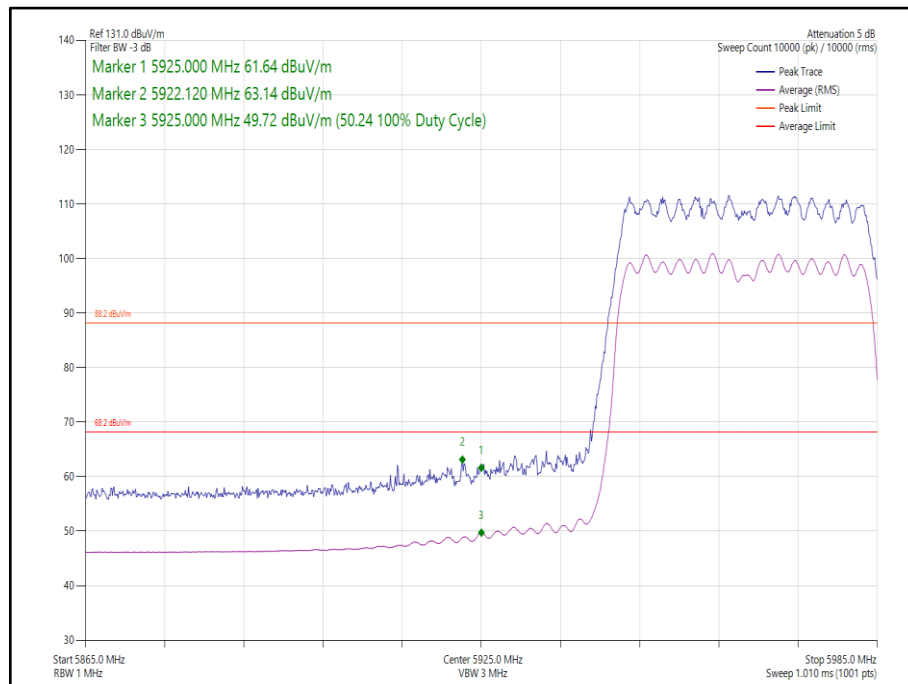


Figure 45 - 802.11ax HE40, Core 1, 26-17 - 7085 MHz
Band Edge Frequency 7125 MHz

40 MHz Bandwidth (2TX MIMO)

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 CDD, Cores 0-1	MCS 11x1	SU	-	5965	5925	63.14	50.24
802.11ax HE40 CDD, Cores 0-1	MCS 11x1	52	37	5965	5925	59.85	47.15
802.11ax HE40 SDM, Cores 0-1	MCS 11x2	SU	-	5965	5925	62.91	50.20
802.11ax HE40 SDM, Cores 0-1	MCS 11x2	26	0	5965	5925	56.60	44.90
802.11ax HE40 CDD, Cores 0-1	MCS 11x1	SU	-	7085	7125	64.08	50.95
802.11ax HE40 CDD, Cores 0-1	MCS 11x1	52	44	7085	7125	64.72	52.55
802.11ax HE40 SDM, Cores 0-1	MCS 11x2	SU	-	7085	7125	67.08	51.36
802.11ax HE40 SDM, Cores 0-1	MCS 11x2	26	17	7085	7125	63.54	47.72

Table 306 - MIMO 2TX Authorised Band Edge Results



**Figure 46 - 802.11ax HE40 CDD, Cores 0-1, SU - 5965 MHz
Band Edge Frequency 5925 MHz**

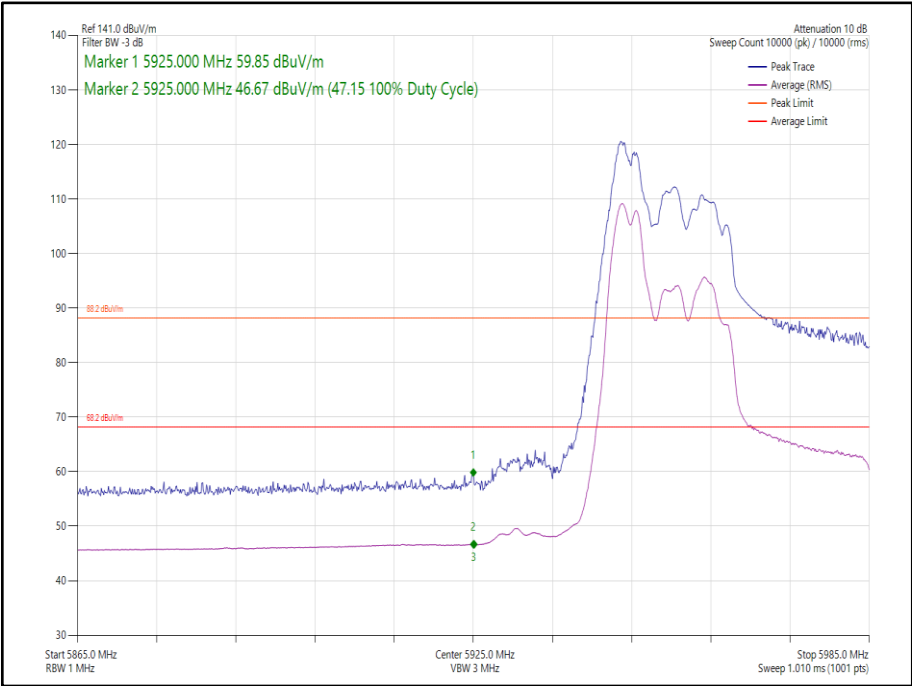


Figure 47 - 802.11ax HE40 CDD, Cores 0-1, 52-37 - 5965 MHz
Band Edge Frequency 5925 MHz

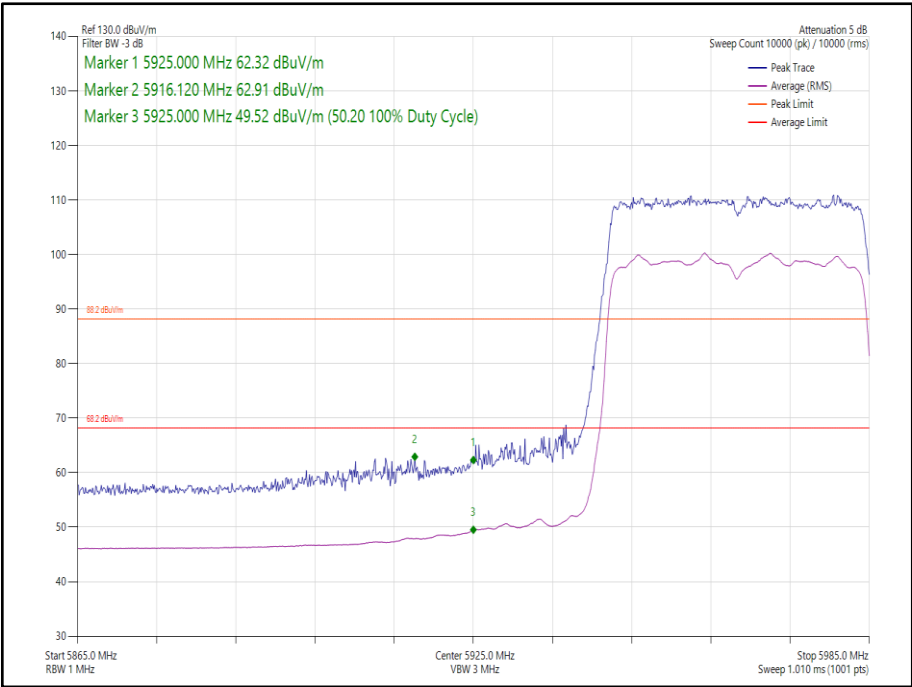
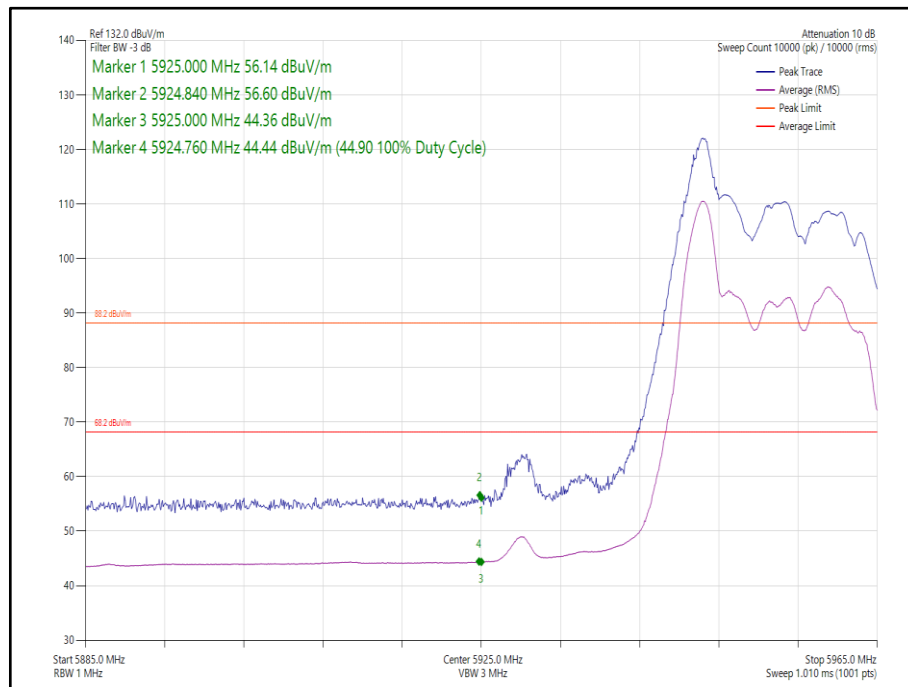
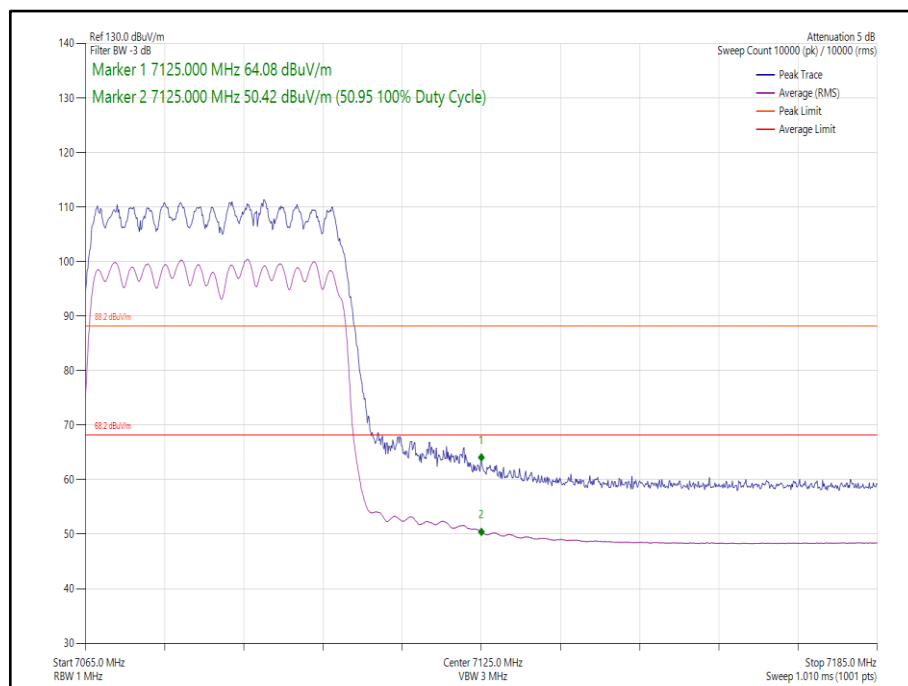


Figure 48 - 802.11ax HE40 SDM, Cores 0-1, SU - 5965 MHz
Band Edge Frequency 5925 MHz



**Figure 49 - 802.11ax HE40 SDM, Cores 0-1, 26-0 - 5965 MHz
Band Edge Frequency 5925 MHz**



**Figure 50 - 802.11ax HE40 CDD, Cores 0-1, SU - 7085 MHz
Band Edge Frequency 7125 MHz**

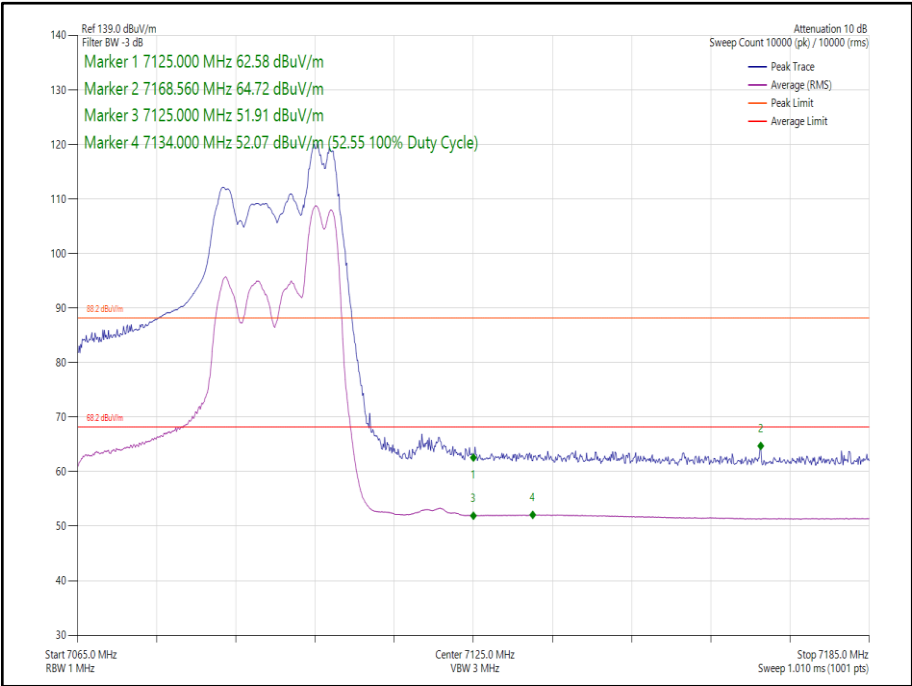


Figure 51 - 802.11ax HE40 CDD, Cores 0-1, 52-44 - 7085 MHz
Band Edge Frequency 7125 MHz

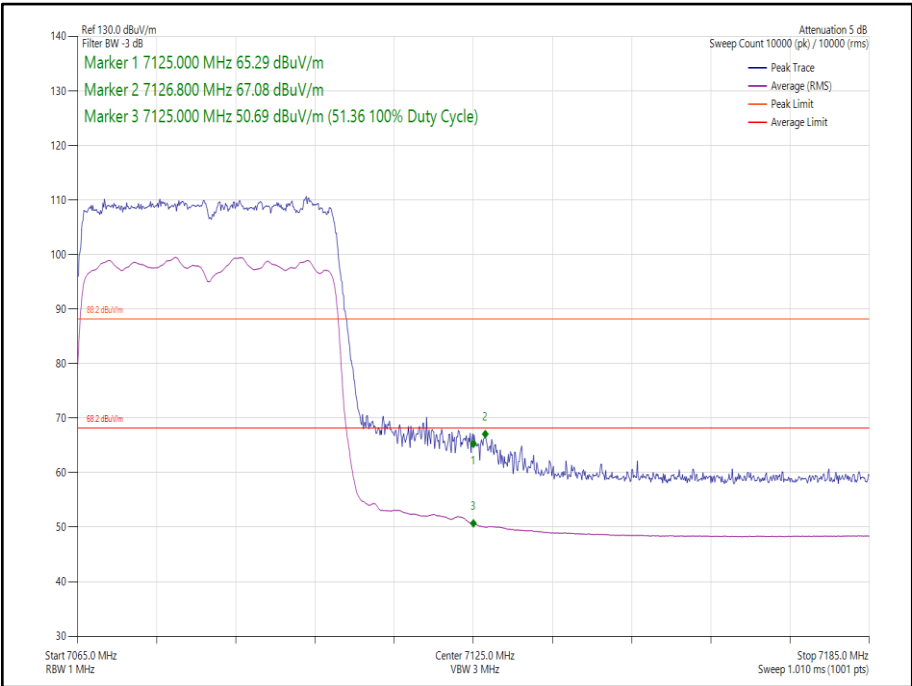


Figure 52 - 802.11ax HE40 SDM, Cores 0-1, SU - 7085 MHz
Band Edge Frequency 7125 MHz

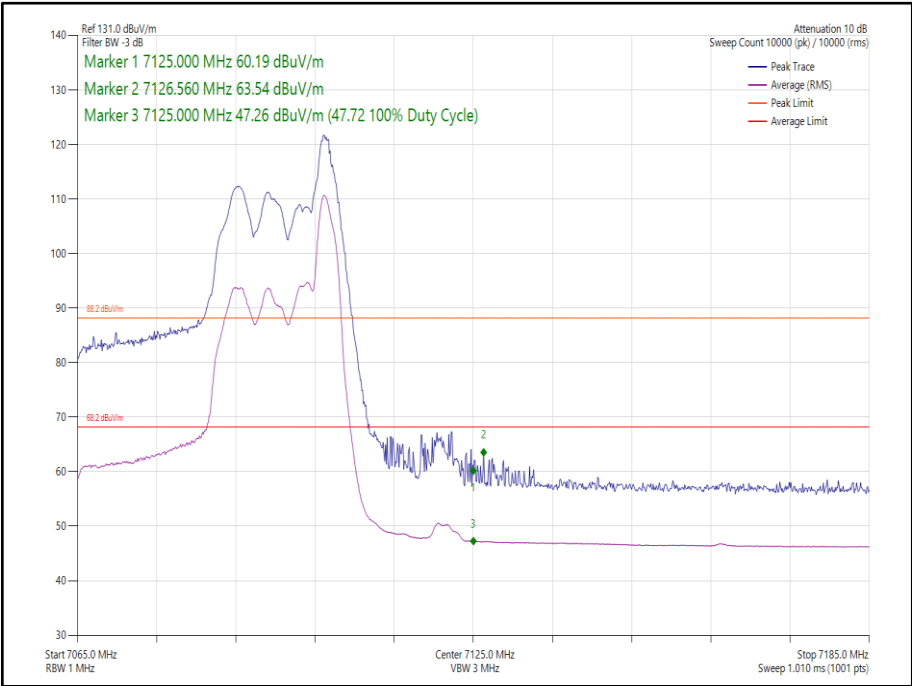


Figure 53 - 802.11ax HE40 SDM, Cores 0-1, 26-17 - 7085 MHz
Band Edge Frequency 7125 MHz



80 MHz Bandwidth (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 HE80, Core 0	MCS11x1	SU	-	5985	5925	63.04	50.15
802.11ax HE80, Core 0	MCS11x1	26	0	5985	5925	65.17	49.12
802.11ax HE80, Core 1	MCS11x1	SU	-	7025	7125	60.52	49.29
802.11ax HE80, Core 1	MCS11x1	26	17	7025	7125	58.93	46.92

Table 307 - SISO Authorised Band Edge Results

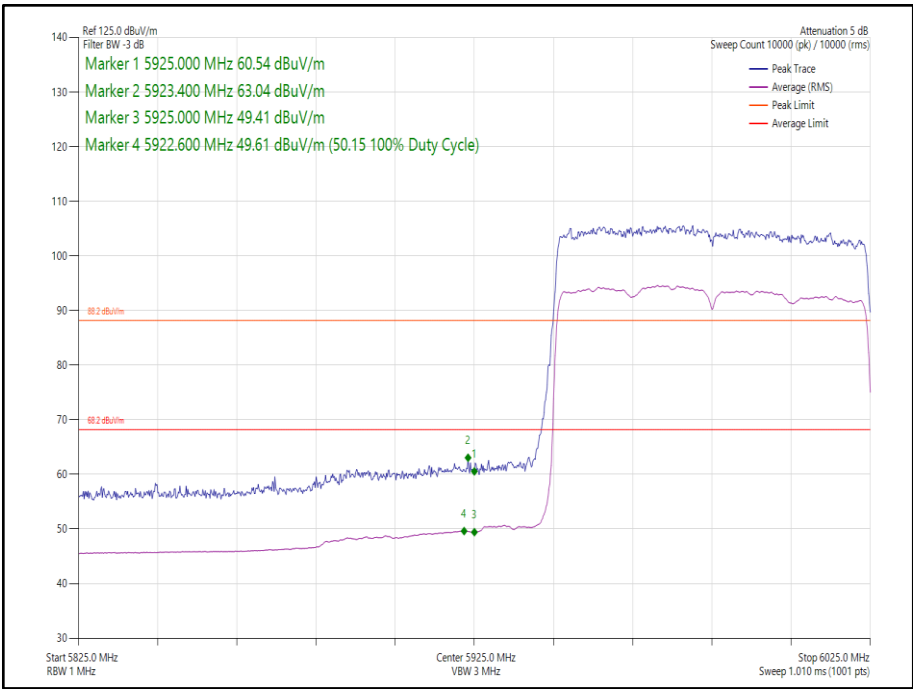
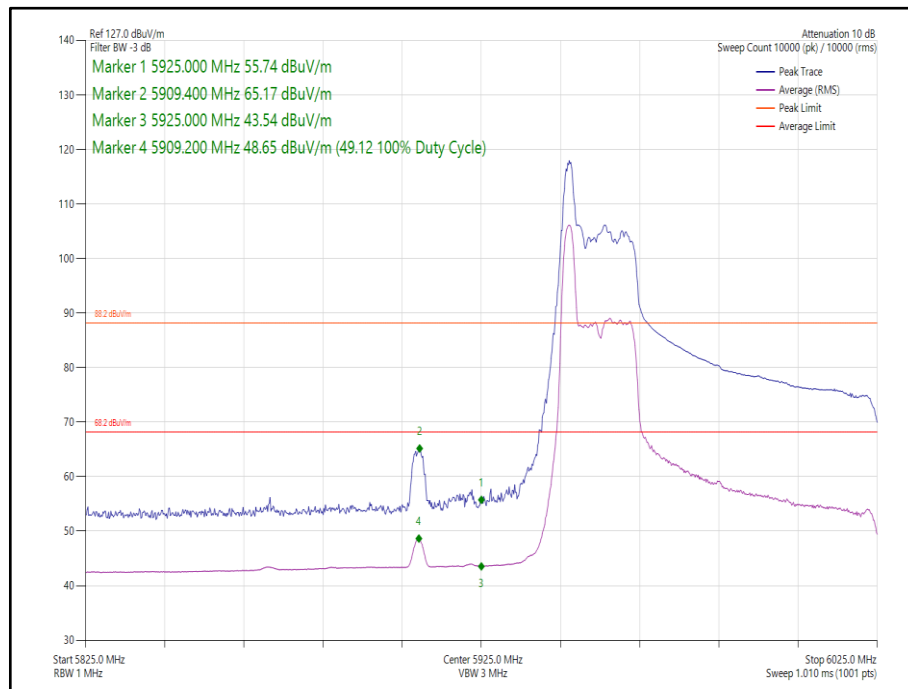
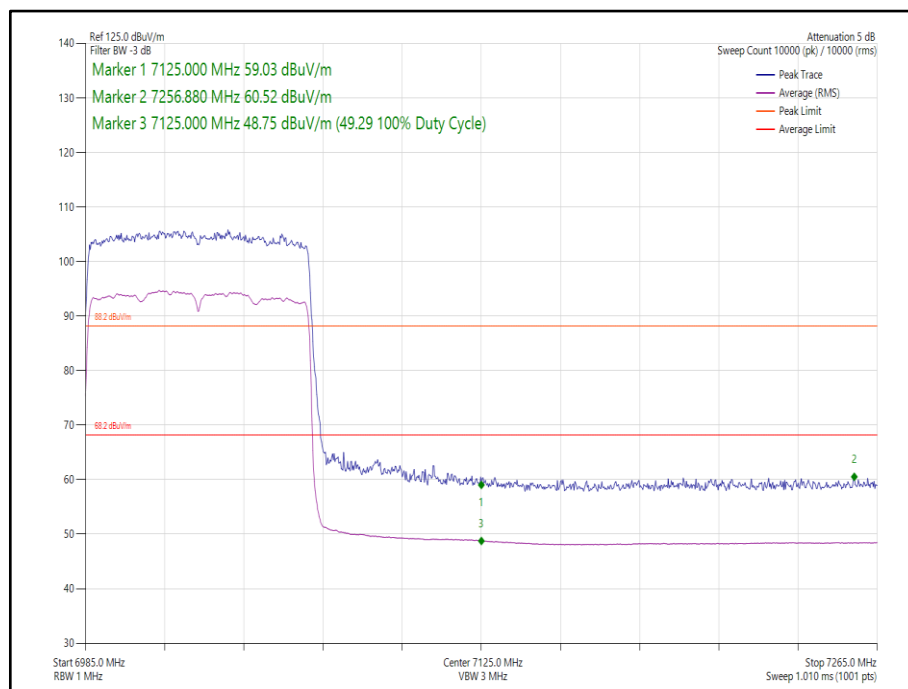


Figure 54 - 802.11ax HE80 Core 0 SU - 5985 MHz
Band Edge Frequency 5925 MHz



**Figure 55 - 802.11ax HE80 Core 0 26-0 - 5985 MHz
 Band Edge Frequency 5925 MHz**



**Figure 56 - 802.11ax HE80 Core 1 SU - 7025 MHz
 Band Edge Frequency 7125 MHz**

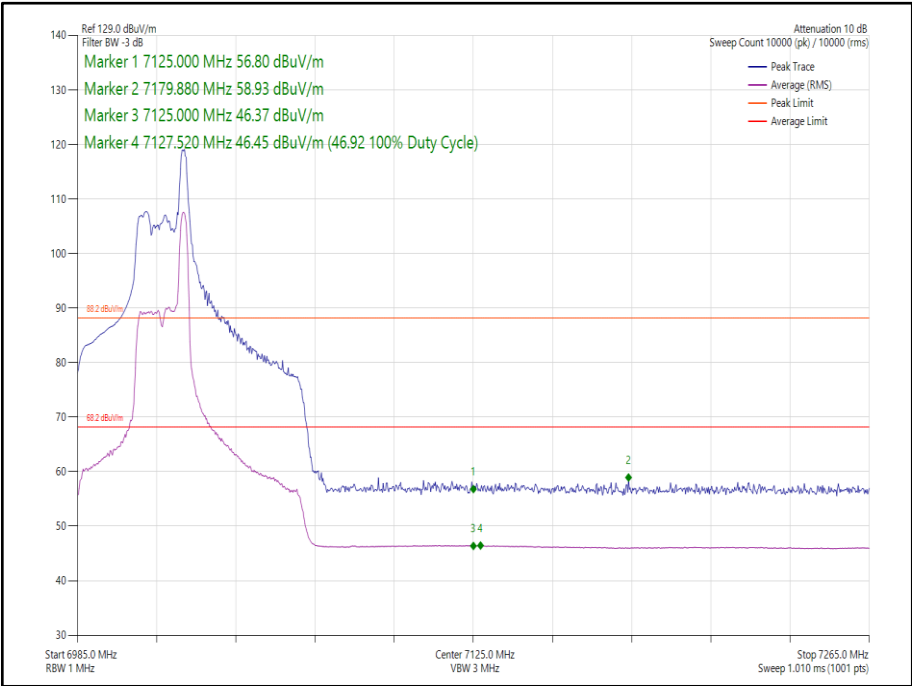
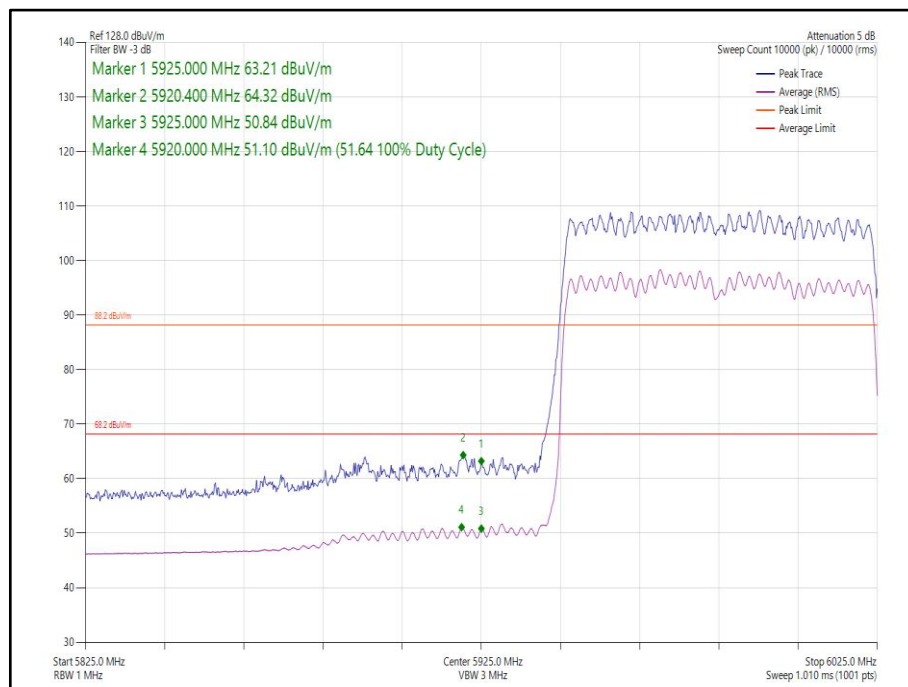


Figure 57 - 802.11ax HE80 Core 1 26-17 - 7025 MHz
Band Edge Frequency 7125 MHz

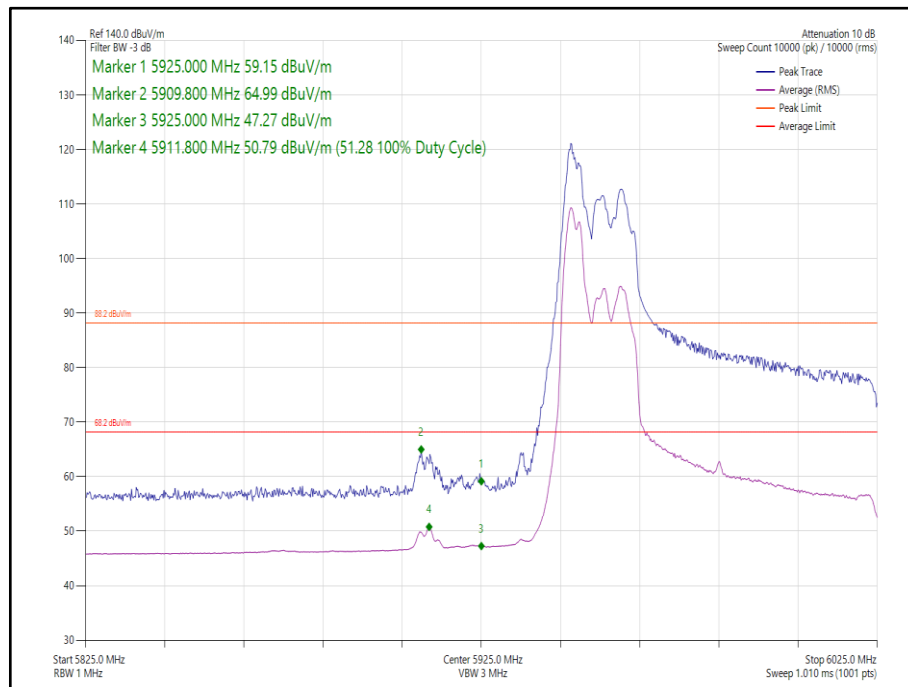
80 MHz Bandwidth (2TX MIMO)

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 HE80 CDD, Cores 0-1	MCS 11x1	SU	-	5985	5925	64.32	51.64
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	52	37	5985	5925	64.99	51.28
802.11ax HE80 SDM, Cores 0-1	MCS 4x2	SU	-	5985	5925	62.63	50.39
802.11ax HE80 SDM, Cores 0-1	MCS 11x2	26	0	5985	5925	67.66	51.33
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	SU	-	7025	7125	62.22	49.42
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	52	52	7025	7125	63.97	52.44
802.11ax HE80 SDM, Cores 0-1	MCS 11x2	SU	-	7025	7125	61.01	49.51
802.11ax HE80 SDM, Cores 0-1	MCS 11x2	26	17	7025	7125	58.51	46.78

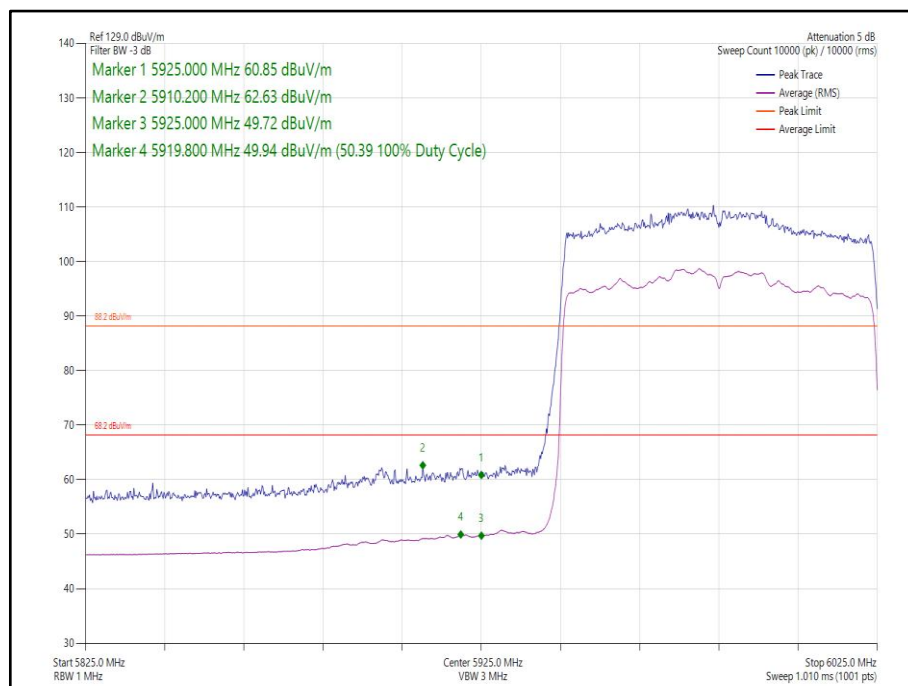
Table 308 - MIMO 2TX Authorised Band Edge Results



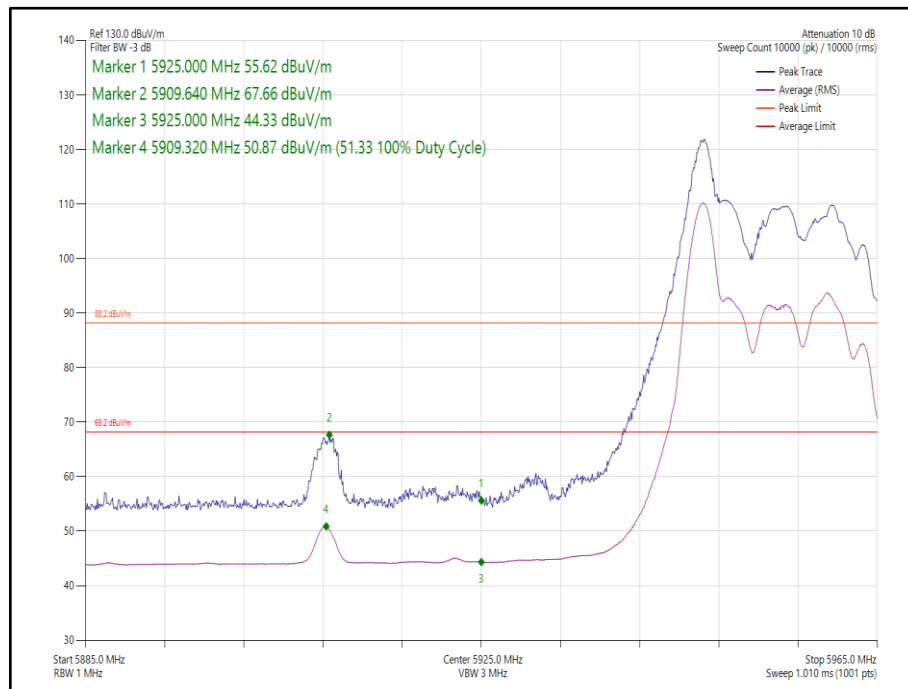
**Figure 58 - 802.11ax HE80 CDD, Cores 0-1, SU - 5985 MHz
Band Edge Frequency 5925 MHz**



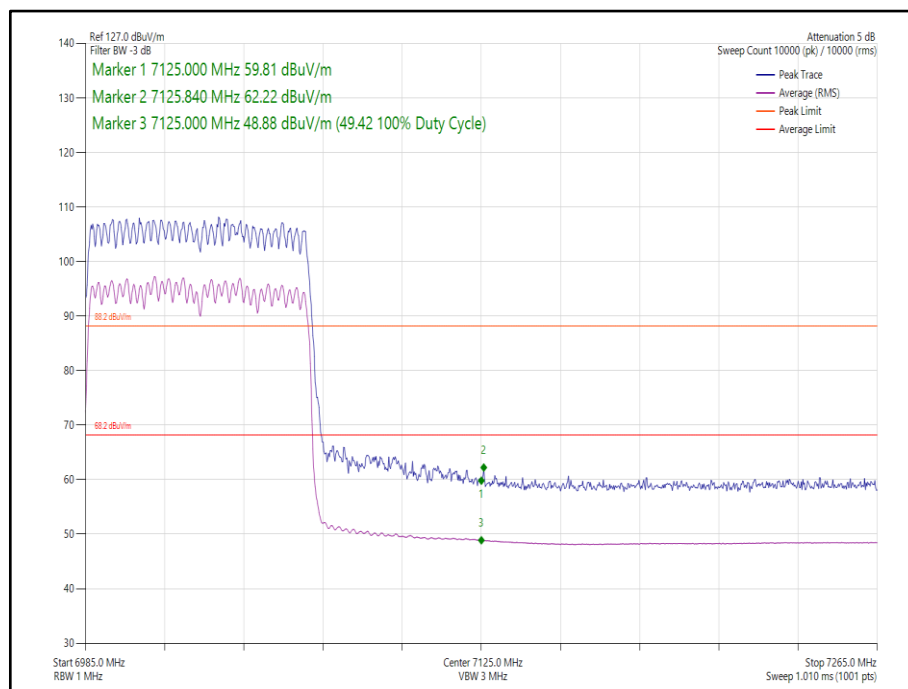
**Figure 59 - 802.11ax HE80 CDD, Cores 0-1, 52-37 - 5985 MHz
Band Edge Frequency 5925 MHz**



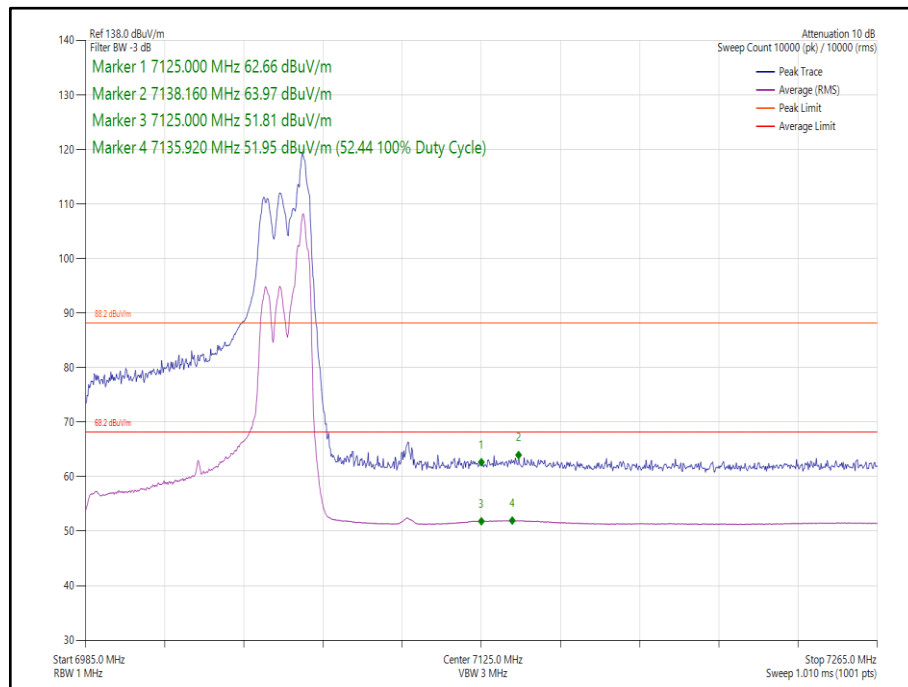
**Figure 60 - 802.11ax HE80 SDM, Cores 0-1, SU - 5985 MHz
Band Edge Frequency 5925 MHz**



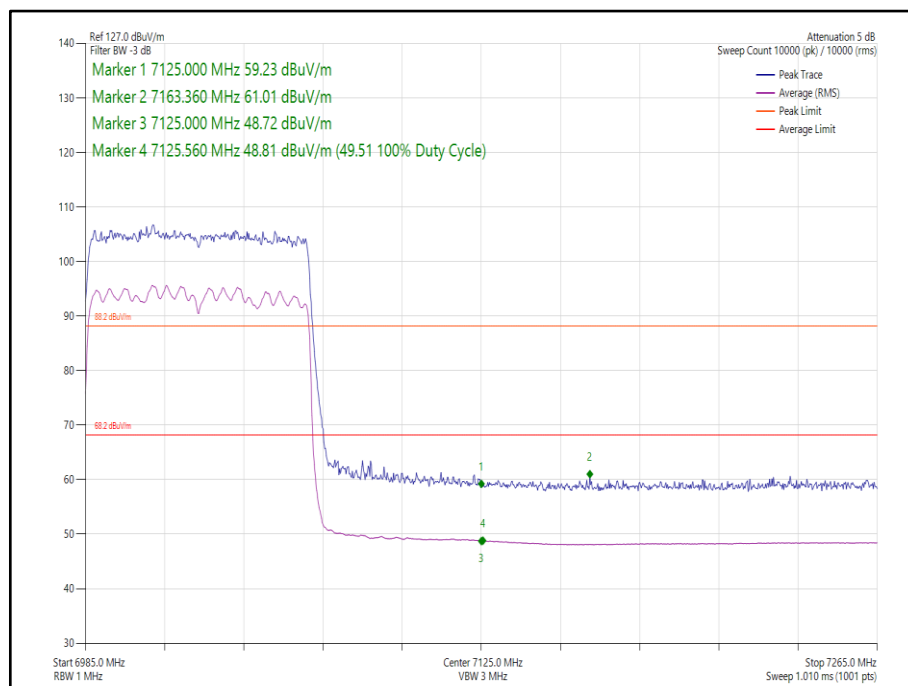
**Figure 61 - 802.11ax HE80 SDM, Cores 0-1, 26-0 - 5985 MHz
Band Edge Frequency 5925 MHz**



**Figure 62 - 802.11ax HE80 CDD, Cores 0-1, SU - 7025 MHz
Band Edge Frequency 7125 MHz**



**Figure 63 - 802.11ax HE80 CDD, Cores 0-1, 52-52 - 7025 MHz
Band Edge Frequency 7125 MHz**



**Figure 64 - 802.11ax HE80 SDM, Cores 0-1, SU - 7025 MHz
Band Edge Frequency 7125 MHz**

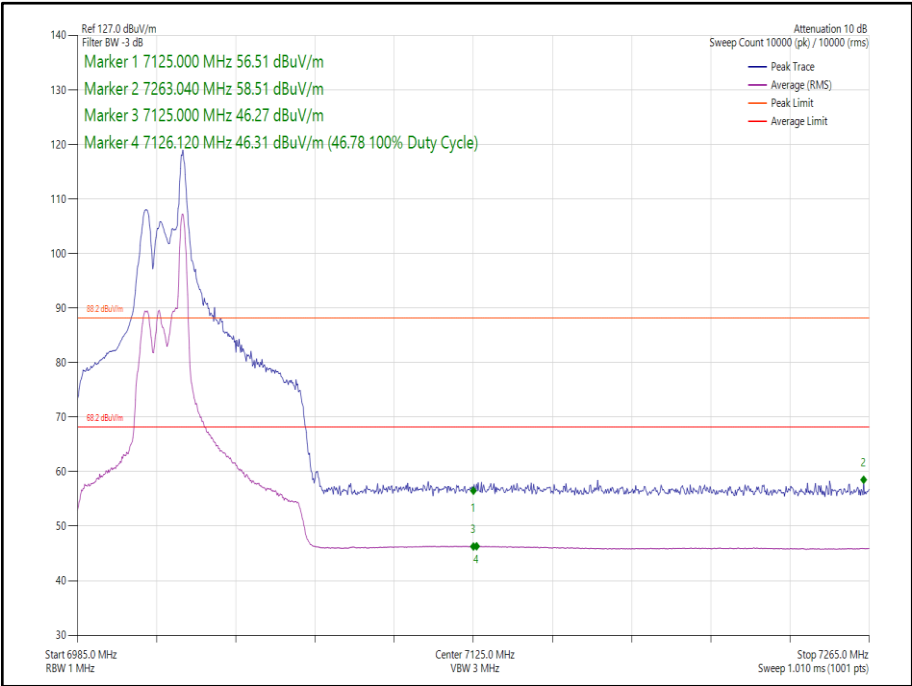
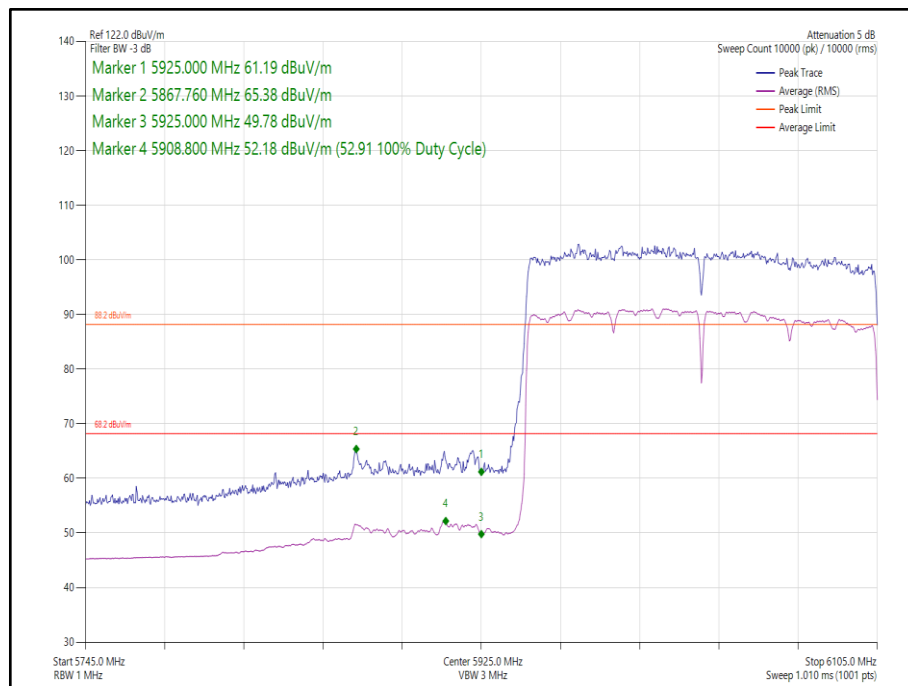


Figure 65 - 802.11ax HE80 SDM, Cores 0-1, 26-17 - 7025 MHz
Band Edge Frequency 7125 MHz

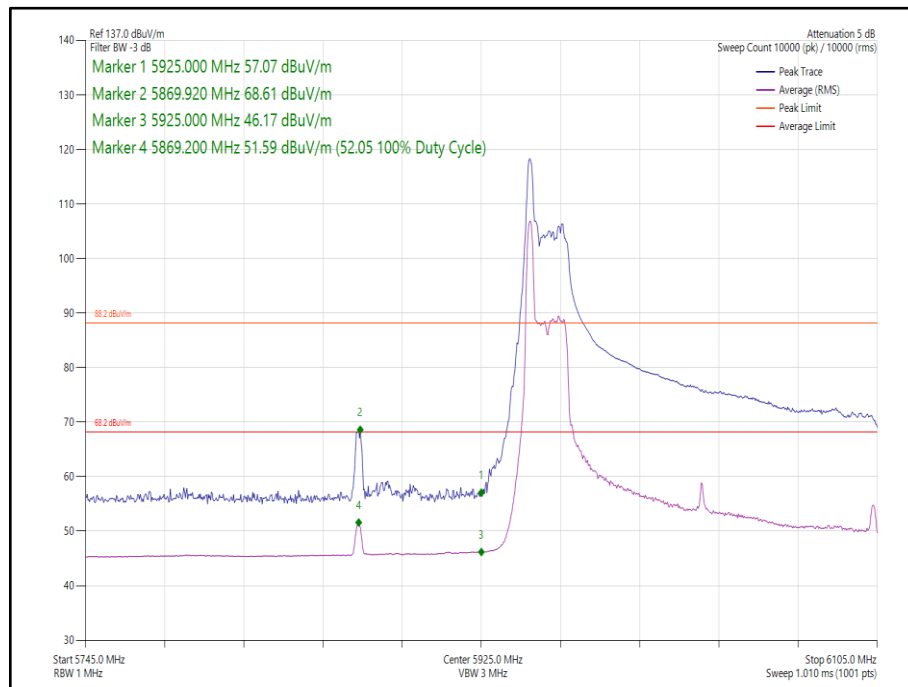
160 MHz Bandwidth (SISO)

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 HE160, Core 0	MCS11x1	SU	-	6025	5925	65.38	52.91
802.11ax HE160, Core 0	MCS11x1	26	0	6025	5925	68.61	52.05
802.11ax HE160, Core 1	MCS11x1	SU	-	6985	7125	65.16	50.90
802.11ax HE160, Core 1	MCS11x1	26	17	6985	7125	61.88	46.94

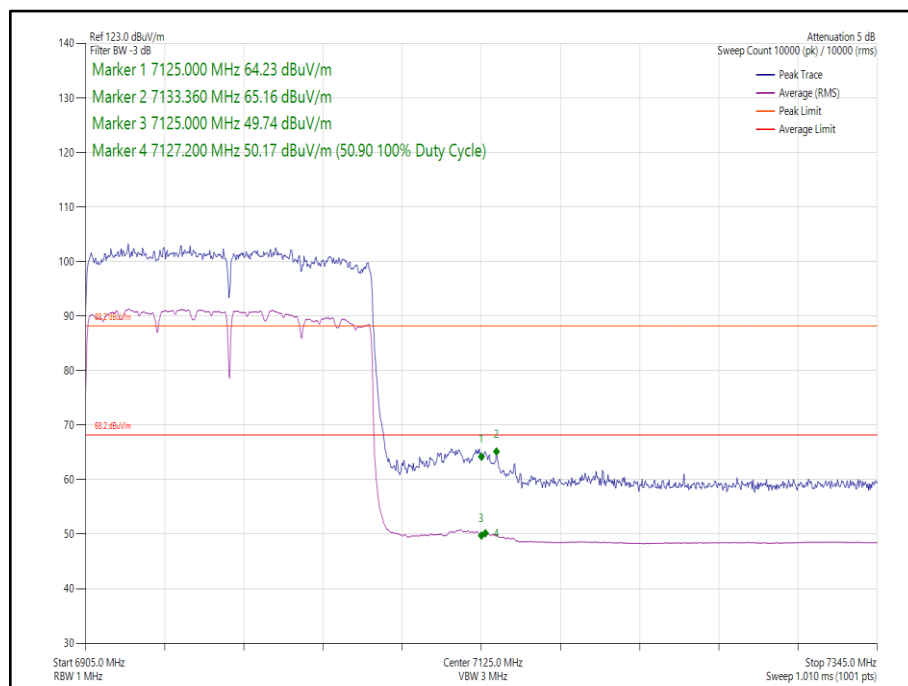
Table 309 - SISO Authorised Band Edge Results



**Figure 66 - 802.11ax HE160 Core 0 SU - 6025 MHz
Band Edge Frequency 5925 MHz**



**Figure 67 - 802.11ax HE160 Core 0 26-0 - 6025 MHz
Band Edge Frequency 5925 MHz**



**Figure 68 - 802.11ax HE160 Core 1 SU - 6985 MHz
Band Edge Frequency 7125 MHz**

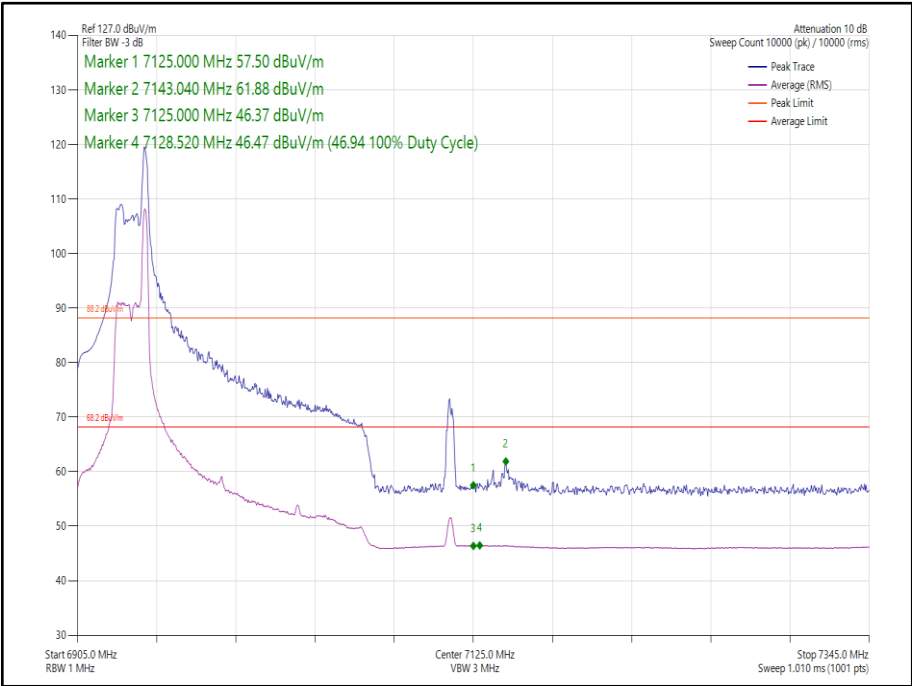
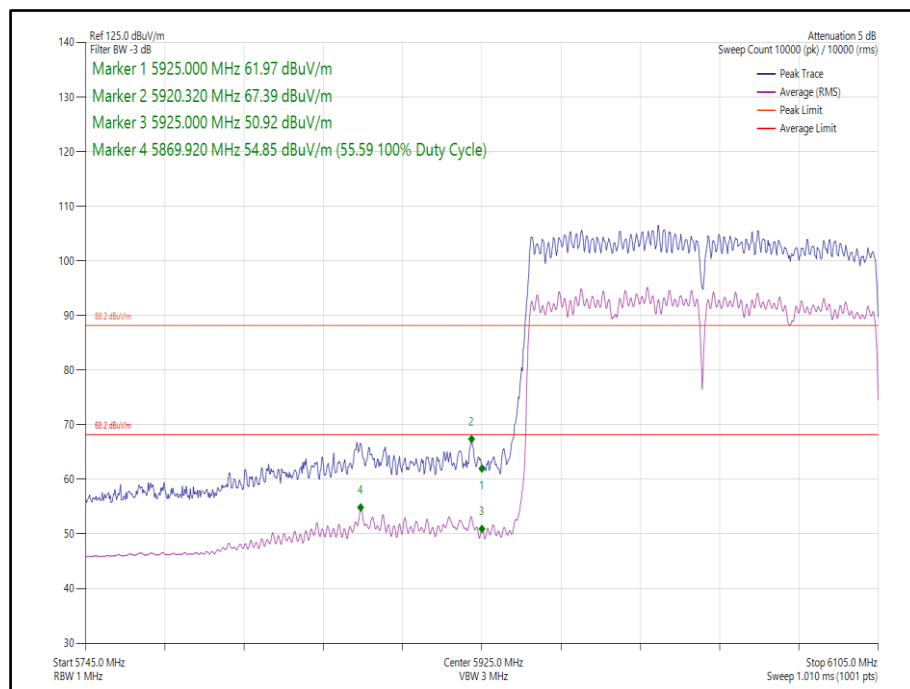


Figure 69 - 802.11ax HE160 Core 1 26-17 - 6985 MHz
Band Edge Frequency 7125 MHz

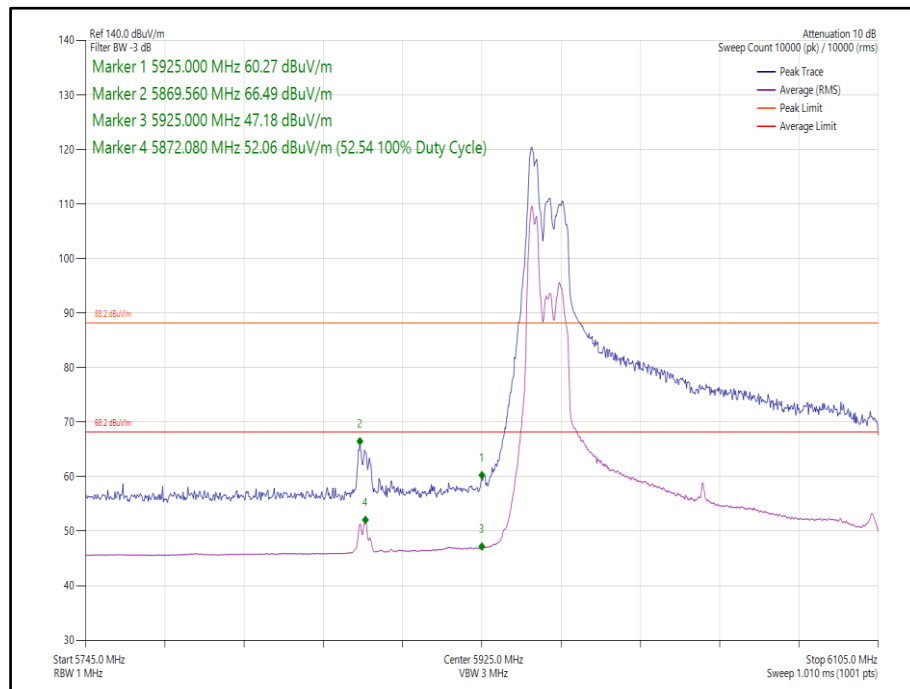
160 MHz Bandwidth (2TX MIMO)

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 HE160 CDD, Cores 0-1	MCS 11x1	SU	-	6025	5925	67.39	55.59
802.11ax HE160 CDD, Cores 0-1	MCS 11x1	52	37	6025	5925	66.49	52.54
802.11ax HE160 SDM, Cores 0-1	MCS 11x2	SU	-	6025	5925	65.79	54.41
802.11ax HE160 SDM, Cores 0-1	MCS 11x2	26	0	6025	5925	67.30	45.90
802.11ax HE160 CDD, Cores 0-1	MCS 11x1	SU	-	6985	7125	64.76	51.12
802.11ax HE160 CDD, Cores 0-1	MCS 11x1	52	52	6985	7125	67.13	54.16
802.11ax HE160 SDM, Cores 0-1	MCS 11x2	SU	-	6985	7125	66.03	52.77
802.11ax HE160 SDM, Cores 0-1	MCS 11x2	26	17	6985	7125	60.90	46.88

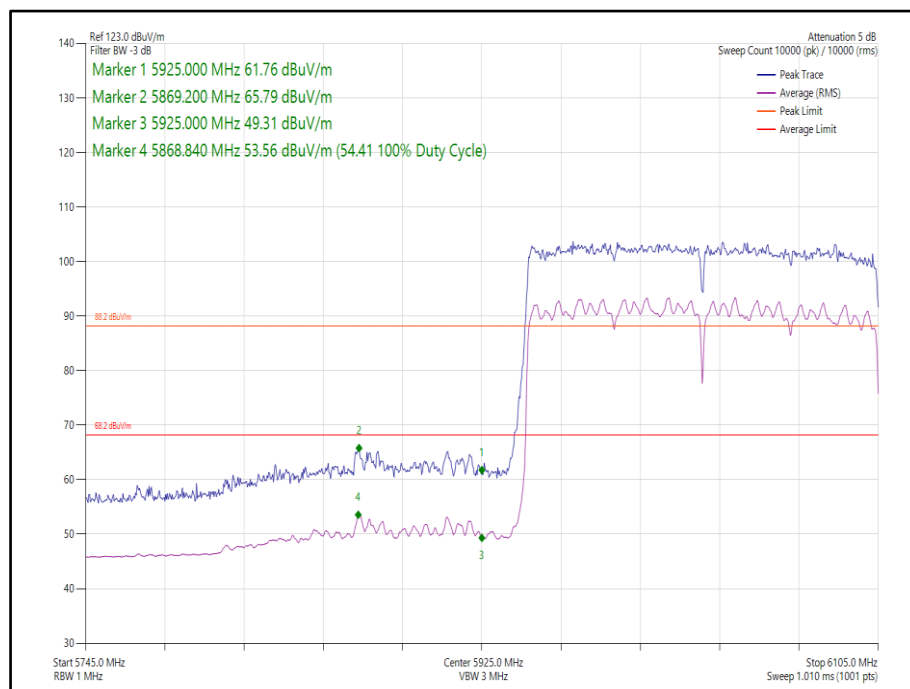
Table 310 - MIMO 2TX Authorised Band Edge Results



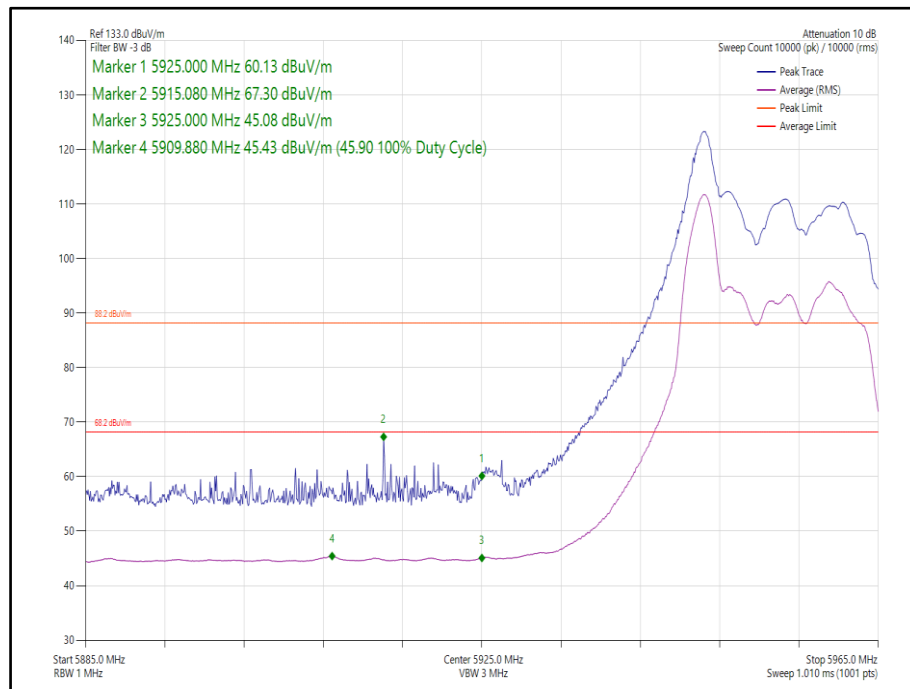
**Figure 70 - 802.11ax HE160 CDD, Cores 0-1, SU - 6025 MHz
Band Edge Frequency 5925 MHz**



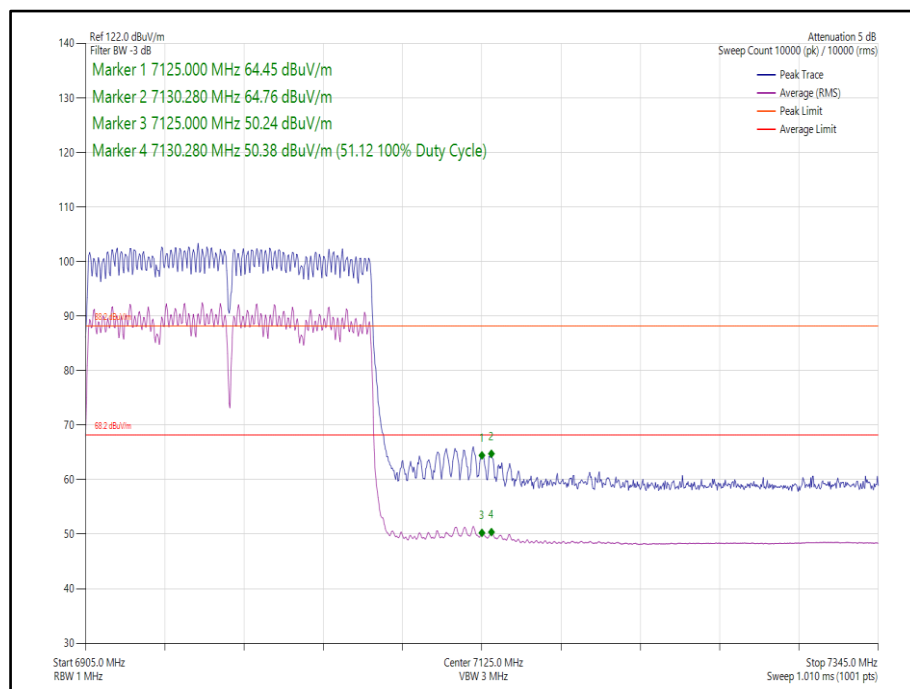
**Figure 71 - 802.11ax HE160 CDD, Cores 0-1, 52-37 - 6025 MHz
Band Edge Frequency 5925 MHz**



**Figure 72 - 802.11ax HE160 SDM, Cores 0-1, SU - 6025 MHz
Band Edge Frequency 5925 MHz**



**Figure 73 - 802.11ax HE160 SDM, Cores 0-1, 26-0 - 6025 MHz
Band Edge Frequency 5925 MHz**



**Figure 74 - 802.11ax HE160 CDD, Cores 0-1, SU - 6985 MHz
Band Edge Frequency 7125 MHz**

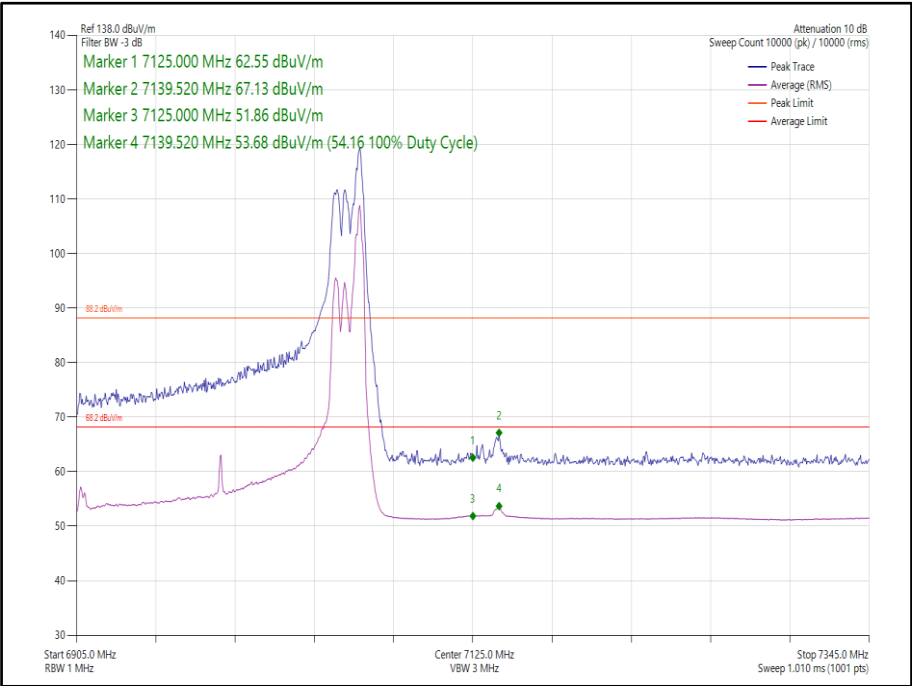


Figure 75 - 802.11ax HE160 CDD, Cores 0-1, 52-52 - 6985 MHz
Band Edge Frequency 7125 MHz

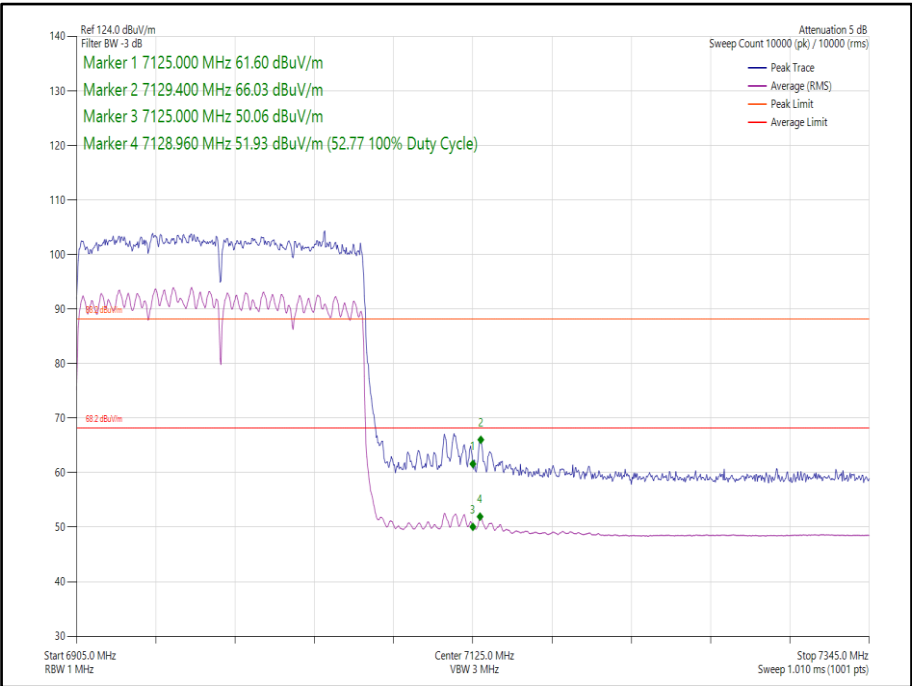
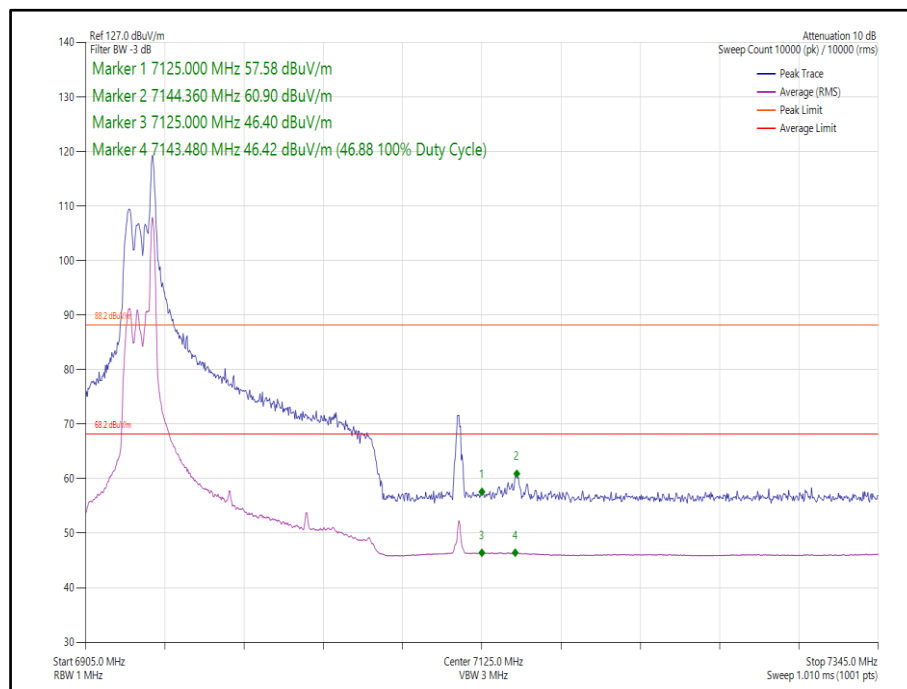


Figure 76 - 802.11ax HE160 SDM, Cores 0-1, SU - 6985 MHz
Band Edge Frequency 7125 MHz



**Figure 77 - 802.11ax HE160 SDM, Cores 0-1, 26-17 - 6985 MHz
Band Edge Frequency 7125 MHz**

FCC 47 CFR Part 15E, Limit Clause 15.407(b)(1)(2)(3)(4)

For transmitters operating within the 5.925–7.125 GHz band: Any emissions outside of the 5.925–7.125 GHz band must not exceed an e.i.r.p. of -27 dBm.

ISED RSS-248, Limit Clause 4.7.2(a)

Any emissions outside of the 5925-7125 MHz band shall not exceed -27 dBm/MHz e.i.r.p.

2.4.7 Test Location and Test Equipment Used

This test was carried out in EMC Chamber 11 and RF Chamber 14.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
EMI Test Receiver	Rohde & Schwarz	ESW44	5084	12	17-May-2023
Cable (18 GHz)	Rosenberger	LU7-071-1000	5102	12	20-Oct-2022
Screened Room (11)	Rainford	Rainford	5136	36	24-Nov-2024
Mast	Maturo	TAM 4.0-P	5158	-	TU
Mast and Turntable Controller	Maturo	Maturo NCD	5159	-	TU
Turntable	Maturo	TT 15WF	5160	-	TU
Antenna (DRG 1-10.5GHz)	Schwarzbeck	BBHA9120B	5215	12	28-May-2023
Pre Amp 1 - 26.5 GHz	Agilent Technologies	8449B	5445	12	12-May-2023
10dB/5W Attenuator	Aaren	AT40A-404-D18-10	5486	12	11-Apr-2023
2m SMA Cable	Junkosha	MWX221-	5518	12	12-Apr-2023



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
		02000AMSAMS/A			
8m N Type Cable	Junkosha	MWX221-08000NMSNMS/B	5522	12	24-Mar-2023
Thermo-Hygro-Barometer	PCE Instruments	PCE-THB 40	5604	12	22-Sep-2022
EMI Test Receiver	Rohde & Schwarz	ESW44	5912	12	17-Feb-2023
DRG Horn Antenna (7.5-18GHz)	Schwarzbeck	HWRD750	5941	12	29-May-2023
5m Semi-Anechoic Chamber (Dual-Axis)	Albatross Projects	RF Chamber 14	5958	36	26-Apr-2025
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	5960	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	5961	-	TU
Turntable	Maturo Gmbh	TT1.5SI	5962	-	TU
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	5997	12	06-Jun-2023
Cable (SMA to SMA 6.5m)	Junkosha	MWX221-06500AMSAMS/B	6003	12	07-Jun-2023
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6008	12	06-Jun-2023
Cable (N to N 1m)	Junkosha	MWX221-01000AMSAMS/B	6009	12	07-Jun-2023
SAC Switch Unit	TUV SUD	TUV_SSU_001	6144	12	07-Jul-2023
Humidity & Temperature meter	R.S Components	1364	6149	12	17-Jun-2023
8GHz Highpass Filter	Wainwright	WHKX 7150 8000 18000 50SS	6194	12	15-Jul-2023
Pre Amp 8 - 18 GHz	Wright Technologies	APS06 0061	6199	12	19-Jul-2023
Cable (SMA to SMA 20cm)	TUV SUD	MH-FH 8-18	6215	12	25-Jul-2023

Table 311

TU - Traceability Unscheduled



2.5 Unwanted Emissions within the 5925-7125 MHz band

2.5.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (b)
ISED RSS-248, Clause 4.7
ISED RSS-GEN, Clause 6.13

2.5.2 Equipment Under Test and Modification State

A2780, S/N: NW3J007K67 - Modification State 0

2.5.3 Date of Test

27-November-2022 to 05-December-2022

2.5.4 Test Method

This test was performed in accordance with KDB 987594 D02, clause J.

2.5.5 Environmental Conditions

Ambient Temperature	22.1 - 23.7 °C
Relative Humidity	29.6 - 41.1 %

2.5.6 Test Results

6 GHz WLAN

SISO

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11a	4.57	6212.400
802.11ax HE20 SU	3.52	7157.900
802.11ax HE40 SU	6.41	6071.280
802.11ax HE80 SU	6.30	5808.600
802.11ax HE160 SU	0.89	6940.000
802.11ax HE20 RU106	6.88	6218.000
802.11ax HE20 RU26	6.62	6207.300
802.11ax HE20 RU52	6.79	6225.800

Table 312 - Unwanted Emissions Within the RLAN Band Summary Results

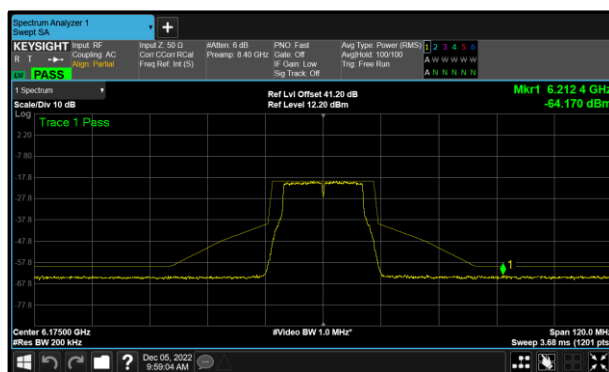


Figure 78 - A(Core 0) 802.11a 6175 MHz (CH45)

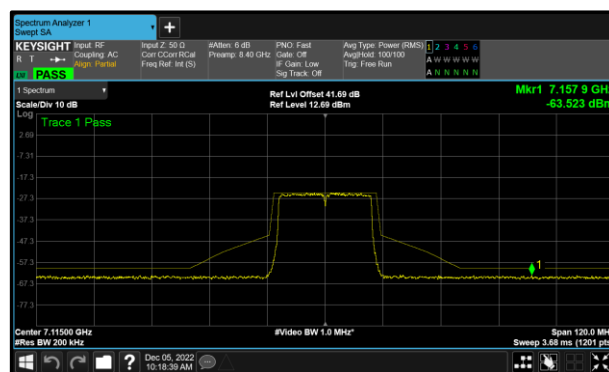


Figure 79 - B(Core 1) 802.11ax HE20 SU 7115 MHz (CH233)

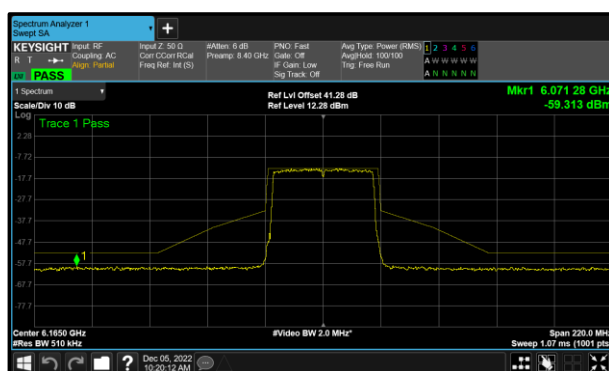


Figure 80 - A(Core 0) 802.11ax HE40 SU 6165 MHz (CH43)

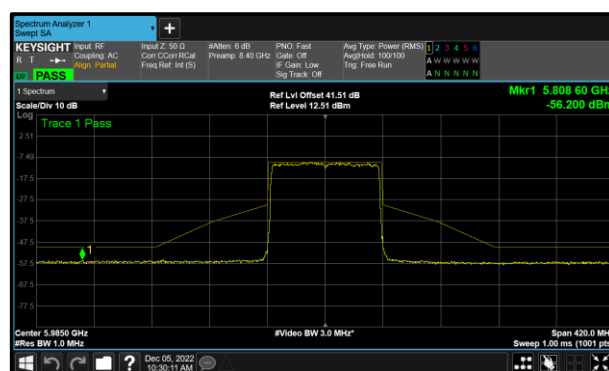


Figure 81 - A(Core 0) 802.11ax HE80 SU 5985 MHz (CH7)

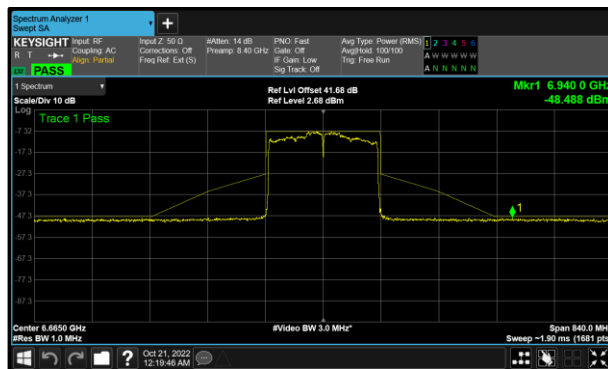


Figure 82 - A(Core 0) 802.11ax HE160 SU 6665 MHz (CH143)

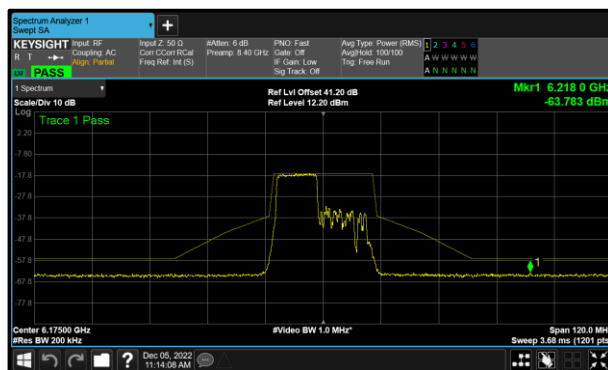


Figure 83 - A(Core 0) 802.11ax HE20 RU106 6175 MHz (CH45)

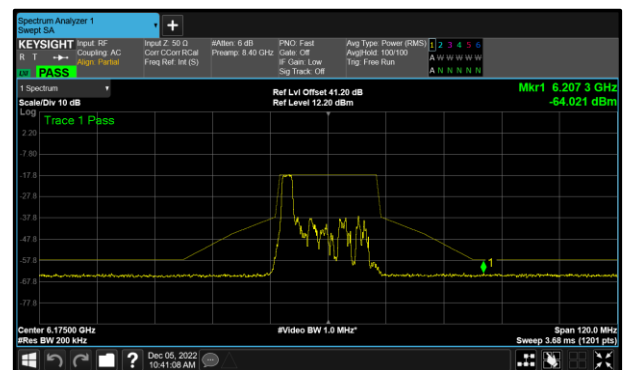


Figure 84 - A(Core 0) 802.11ax HE20 RU26 6175 MHz (CH45)

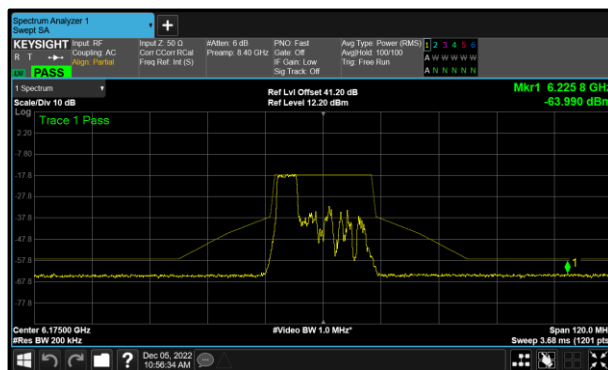


Figure 85 - A(Core 0) 802.11ax HE20 RU52 6175 MHz (CH45)



Test Configuration			
Frequency Range:		Band:	
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	4.85	-	-	-
6175	4.57	-	-	-
6415	7.94	-	-	-
6435	7.77	-	-	-
6475	8.10	-	-	-
6515	8.17	-	-	-
6535	8.07	-	-	-
6695	7.78	-	-	-
6855	7.64	-	-	-
6875	7.10	-	-	-
6895	-	9.43	-	-
6995	-	9.40	-	-
7115	-	4.84	-	-

Table 313 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:		Band:	
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	5.25	-	-	-
6175	4.66	-	-	-
6415	7.85	-	-	-
6435	8.45	-	-	-
6475	8.32	-	-	-
6515	8.27	-	-	-
6535	8.03	-	-	-
6695	8.38	-	-	-
6855	8.19	-	-	-
6875	7.92	-	-	-
6895	-	10.02	-	-
6995	-	9.69	-	-
7115	-	3.52	-	-

Table 314 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:		Band:	
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5965	6.71	-	-	-
6165	6.41	-	-	-
6405	7.34	-	-	-
6445	7.53	-	-	-
6485	7.62	-	-	-
6525	7.44	-	-	-
6565	7.57	-	-	-
6685	7.44	-	-	-
6845	7.51	-	-	-
6885	6.75	-	-	-
6925	-	9.34	-	-
7005	-	9.27	-	-
7085	-	9.30	-	-

Table 315 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:		Band:	
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5985	6.30	-	-	-
6145	6.74	-	-	-
6385	6.96	-	-	-
6465	7.29	-	-	-
6545	7.05	-	-	-
6625	7.34	-	-	-
6705	7.51	-	-	-
6785	7.41	-	-	-
6865	7.01	-	-	-
6945	-	8.33	-	-
7025	-	8.55	-	-

Table 316 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5, U-NII-6, U-NII-7, U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6025	2.40	-	-	-
6185	4.10	-	-	-
6345	2.44	-	-	-
6505	1.75	-	-	-
6665	0.89	-	-	-
6825	3.04	-	-	-
6985	-	2.37	-	-

Table 317 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:		Band:	
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU26.0)	7.26	-	-	-
6175 (RU26.0)	6.62	-	-	-
6415 (RU26.8)	7.42	-	-	-
6435 (RU26.0)	7.94	-	-	-
6475 (RU26.0)	7.75	-	-	-
6515 (RU26.8)	7.85	-	-	-
6535 (RU26.0)	7.83	-	-	-
6695 (RU26.0)	7.56	-	-	-
6855 (RU26.8)	7.05	-	-	-
6875 (RU26.3)	7.13	-	-	-
6875 (RU26.5)	6.86	-	-	-
6895 (RU26.0)	-	9.29	-	-
6995 (RU26.0)	-	9.67	-	-
7095 (RU26.8)	-	9.55	-	-

Table 318 - Unwanted Emissions Within the Band Results