



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)(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):	4.21
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	-10.00	-10.43	-	-	-7.20	4.21	-2.99	-1.00	-1.99
6895	-9.80	-9.72	-	-	-6.75	3.58	-3.17	-1.00	-2.17
6995	-10.19	-10.56	-	-	-7.36	3.58	-3.78	-1.00	-2.78
7095	-9.90	-10.52	-	-	-7.19	3.58	-3.61	-1.00	-2.61

Table 442 - 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)(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 (%):	90.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.44
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.21
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	-10.50	-10.40	-	-	-7.44	4.21	-3.23	-1.00	-2.23
6925	-10.35	-10.43	-	-	-7.38	3.58	-3.80	-1.00	-2.80
7005	-10.04	-9.90	-	-	-6.96	3.58	-3.38	-1.00	-2.38
7085	-10.02	-9.92	-	-	-6.96	3.58	-3.38	-1.00	-2.38

Table 443 - 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)(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):	4.21
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	-10.71	-10.07	-	-	-7.37	4.21	-3.16	-1.00	-2.16
6945	-9.94	-10.18	-	-	-7.05	3.58	-3.47	-1.00	-2.47
7025	-9.88	-9.96	-	-	-6.91	3.58	-3.33	-1.00	-2.33

Table 444 - 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)(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):	0.50
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.21
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	-10.98	-10.57	-	-	-7.76	4.21	-3.55	-1.00	-2.55
6985	-9.78	-9.36	-	-	-6.55	3.58	-2.97	-1.00	-1.97

Table 445 - 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)(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 (%):	94.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.23
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.89
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)	-11.56	-10.75	-	-	-8.12	4.89	-3.24	-1.00	-2.24
6175 (RU26.0)	-10.66	-10.52	-	-	-7.58	3.88	-3.70	-1.00	-2.70
6415 (RU26.8)	-10.70	-11.19	-	-	-7.93	4.34	-3.59	-1.00	-2.59

Table 446 - 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)(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 (%):	95.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.22
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.89
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)	-11.02	-10.38	-	-	-7.68	4.89	-2.79	-1.00	-1.79
6175 (RU52.37)	-10.40	-10.12	-	-	-7.25	3.88	-3.37	-1.00	-2.37
6415 (RU52.40)	-10.29	-10.51	-	-	-7.39	4.34	-3.04	-1.00	-2.04

Table 447 - 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)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106 LPI	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.10
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.89
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)	-11.39	-10.55	-	-	-7.94	4.89	-3.05	-1.00	-2.05
6175 (RU106.53)	-10.12	-10.37	-	-	-7.23	3.88	-3.35	-1.00	-2.35
6415 (RU106.54)	-10.14	-10.14	-	-	-7.13	4.34	-2.79	-1.00	-1.79

Table 448 - 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)(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 (%):	94.9
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.23
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				
6435 (RU26.0)	-10.95	-11.00	-	-	-7.97	4.52	-3.45	-1.00	-2.45
6475 (RU26.0)	-10.52	-11.32	-	-	-7.89	4.52	-3.38	-1.00	-2.38
6515 (RU26.8)	-11.02	-11.19	-	-	-8.09	4.52	-3.58	-1.00	-2.58

Table 449 - 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(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52 LPI	Duty Cycle (%):	96.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.15
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				
6435 (RU52.37)	-10.48	-10.84	-	-	-7.65	4.52	-3.14	-1.00	-2.14
6475 (RU52.37)	-10.59	-11.08	-	-	-7.82	4.52	-3.30	-1.00	-2.30
6515 (RU52.40)	-10.62	-11.06	-	-	-7.82	4.52	-3.31	-1.00	-2.31

Table 450 - 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(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106 LPI	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.10
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	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				
6435 (RU106.53)	-10.15	-10.55	-	-	-7.34	4.52	-2.82	-1.00	-1.82
6475 (RU106.53)	-10.17	-10.98	-	-	-7.55	4.52	-3.03	-1.00	-2.03
6515 (RU106.54)	-10.28	-10.86	-	-	-7.55	4.52	-3.04	-1.00	-2.04

Table 451 - 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)(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 (%):	94.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.23
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.21
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 (RU26.0)	-10.38	-11.15	-	-	-7.74	4.21	-3.52	-1.00	-2.52
6695 (RU26.0)	-10.36	-10.99	-	-	-7.65	4.21	-3.44	-1.00	-2.44
6855 (RU26.8)	-10.78	-11.25	-	-	-8.00	4.21	-3.79	-1.00	-2.79
6875 (RU26.3)	-13.66	-13.67	-	-	-10.65	4.21	-6.44	-1.00	-5.44

Table 452 - 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)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52 LPI	Duty Cycle (%):	96.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.16
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.21
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)	-10.49	-10.68	-	-	-7.57	4.21	-3.36	-1.00	-2.36
6695 (RU52.37)	-10.20	-10.75	-	-	-7.46	4.21	-3.24	-1.00	-2.24
6855 (RU52.40)	-10.18	-10.57	-	-	-7.36	4.21	-3.15	-1.00	-2.15
6875 (RU52.38)	-10.08	-11.03	-	-	-7.52	4.21	-3.30	-1.00	-2.30

Table 453 - 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)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106 LPI	Duty Cycle (%):	97.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.10
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.21
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)	-9.99	-10.53	-	-	-7.24	4.21	-3.03	-1.00	-2.03
6695 (RU106.53)	-10.03	-10.26	-	-	-7.13	4.21	-2.92	-1.00	-1.92
6855 (RU106.54)	-10.14	-10.20	-	-	-7.16	4.21	-2.95	-1.00	-1.95
6875 (RU106.53)	-10.19	-10.24	-	-	-7.21	4.21	-2.99	-1.00	-1.99

Table 454 - 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)(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 (%):	94.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.23
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.21
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 (RU26.5)	-12.79	-12.63	-	-	-9.70	4.21	-5.49	-1.00	-4.49
6895 (RU26.0)	-10.82	-10.31	-	-	-7.55	3.58	-3.97	-1.00	-2.97
6995 (RU26.0)	-10.44	-10.14	-	-	-7.28	3.58	-3.70	-1.00	-2.70
7095 (RU26.8)	-9.81	-9.71	-	-	-6.75	3.58	-3.17	-1.00	-2.17

Table 455 - 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)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52 LPI	Duty Cycle (%):	96.4
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.16
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.21
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)	-10.45	-11.03	-	-	-7.72	4.21	-3.51	-1.00	-2.51
6895 (RU52.37)	-10.39	-10.23	-	-	-7.30	3.58	-3.72	-1.00	-2.72
6995 (RU52.37)	-9.96	-9.75	-	-	-6.84	3.58	-3.26	-1.00	-2.26
7095 (RU52.40)	-9.04	-9.57	-	-	-6.29	3.58	-2.71	-1.00	-1.71

Table 456 - 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)(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):	4.21
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)	-10.48	-10.40	-	-	-7.43	4.21	-3.21	-1.00	-2.21
6895 (RU106.53)	-9.79	-9.73	-	-	-6.75	3.58	-3.17	-1.00	-2.17
6995 (RU106.53)	-9.75	-9.62	-	-	-6.67	3.58	-3.09	-1.00	-2.09
7095 (RU106.54)	-9.30	-9.34	-	-	-6.31	3.58	-2.73	-1.00	-1.73

Table 457 - 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)	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):	4.89
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	6.59	6.98	-	-	9.80	4.89	14.69	17.00	-2.31
6175	7.17	7.42	-	-	10.31	3.88	14.19	17.00	-2.81
6415	6.96	7.20	-	-	10.09	4.34	14.43	17.00	-2.57

Table 458 - 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)	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):	4.89
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	5.22	5.73	-	-	8.49	4.89	13.38	17.00	-3.62
6165	6.16	6.47	-	-	9.33	3.88	13.21	17.00	-3.79
6405	6.51	6.59	-	-	9.56	4.34	13.90	17.00	-3.10

Table 459 - 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)	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):	4.89
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	1.88	2.36	-	-	5.14	4.89	10.02	17.00	-6.98
6145	3.28	4.22	-	-	6.79	3.88	10.67	17.00	-6.33
6385	3.96	3.78	-	-	6.88	4.34	11.23	17.00	-5.77

Table 460 - 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)	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 (%):	89.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.50
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.89
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	-0.84	-0.80	-	-	2.19	4.89	7.08	17.00	-9.92
6185	-0.74	-0.59	-	-	2.34	3.88	6.23	17.00	-10.77
6345	-0.29	-0.75	-	-	2.49	4.34	6.84	17.00	-10.16

Table 461 - 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)	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):	4.21
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	6.90	7.03	-	-	9.98	4.21	14.19	17.00	-2.81
6695	7.08	7.37	-	-	10.24	4.21	14.45	17.00	-2.55
6855	7.18	7.31	-	-	10.25	4.21	14.46	17.00	-2.54

Table 462 - 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)	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):	4.21
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	6.65	6.78	-	-	9.72	4.21	13.93	17.00	-3.07
6685	6.68	6.73	-	-	9.72	4.21	13.93	17.00	-3.07
6845	6.77	6.75	-	-	9.77	4.21	13.98	17.00	-3.02

Table 463 - 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)	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):	4.21
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	3.80	3.66	-	-	6.74	4.21	10.95	17.00	-6.05
6705	3.95	3.73	-	-	6.85	4.21	11.06	17.00	-5.94
6785	3.72	3.82	-	-	6.78	4.21	10.99	17.00	-6.01

Table 464 - 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)	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 (%):	89.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.50
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.21
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				
6665	-1.43	-1.19	-	-	1.70	4.21	5.91	17.00	-11.09

Table 465 - 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)	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):	4.89
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)	6.49	6.61	-	-	9.56	4.89	14.45	17.00	-2.55
6175 (RU26.0)	6.85	7.52	-	-	10.21	3.88	14.09	17.00	-2.91
6415 (RU26.8)	6.41	6.95	-	-	9.70	4.34	14.05	17.00	-2.95

Table 466 - 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)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52 SP	Duty Cycle (%):	97.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.13
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.89
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)	6.84	7.36	-	-	10.12	4.89	15.00	17.00	-2.00
6175 (RU52.37)	7.13	7.88	-	-	10.53	3.88	14.41	17.00	-2.59
6415 (RU52.40)	6.81	7.40	-	-	10.13	4.34	14.47	17.00	-2.53

Table 467 - 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)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106 SP	Duty Cycle (%):	97.9
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.09
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.89
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)	7.13	7.39	-	-	10.28	4.89	15.16	17.00	-1.84
6175 (RU106.53)	7.84	8.01	-	-	10.93	3.88	14.81	17.00	-2.19
6415 (RU106.54)	6.93	7.67	-	-	10.33	4.34	14.67	17.00	-2.33

Table 468 - 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)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU26 SP	Duty Cycle (%):	97.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.21
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 (RU26.0)	7.13	7.12	-	-	10.13	4.21	14.35	17.00	-2.65
6695 (RU26.0)	6.92	7.25	-	-	10.10	4.21	14.31	17.00	-2.69
6855 (RU26.8)	7.37	7.00	-	-	10.20	4.21	14.41	17.00	-2.59

Table 469 - 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)	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52 SP	Duty Cycle (%):	97.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.13
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.21
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)	6.90	7.56	-	-	10.25	4.21	14.47	17.00	-2.53
6695 (RU52.37)	7.57	7.70	-	-	10.64	4.21	14.86	17.00	-2.14
6855 (RU52.40)	7.17	7.75	-	-	10.48	4.21	14.69	17.00	-2.31

Table 470 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.525-6.875 GHz	Band:	U-NII-7
Limit Clause(s):	15.407(a)(4) 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):	4.21
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)	7.59	7.77	-	-	10.69	4.21	14.90	17.00	-2.10
6695 (RU106.53)	7.68	7.84	-	-	10.77	4.21	14.98	17.00	-2.02
6855 (RU106.54)	8.01	7.86	-	-	10.94	4.21	15.16	17.00	-1.84

Table 471 - 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)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU LPI	Duty Cycle (%):	91.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.40
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	6.87
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	-14.52	-13.79	-	-	-11.13	6.87	-4.26	-1.00	-3.26
6165	-14.64	-13.37	-	-	-10.95	6.87	-4.08	-1.00	-3.08
6245	-14.00	-13.42	-	-	-10.69	6.87	-3.82	-1.00	-2.82

Table 472 - 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)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	Duty Cycle (%):	91.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.38
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	7.86
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	-15.96	-15.10	-	-	-12.50	7.86	-4.64	-1.00	-3.64
6145	-13.37	-13.65	-	-	-10.50	6.87	-3.62	-1.00	-2.62
6385	-16.46	-14.96	-	-	-12.63	7.35	-5.29	-1.00	-4.29

Table 473 - 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)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	Duty Cycle (%):	93.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.31
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	7.53
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	-17.56	-15.85	-	-	-13.61	7.53	-6.08	-1.00	-5.08
6545	-17.23	-16.62	-	-	-13.90	7.53	-6.38	-1.00	-5.38

Table 474 - 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)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	Duty Cycle (%):	91.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.39
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	7.53
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	-16.73	-15.93	-	-	-13.30	7.53	-5.78	-1.00	-4.78
6625	-17.03	-15.84	-	-	-13.38	7.22	-6.17	-1.00	-5.17
6705	-15.88	-15.26	-	-	-12.55	7.22	-5.33	-1.00	-4.33
6785	-15.32	-15.31	-	-	-12.30	7.22	-5.09	-1.00	-4.09
6865	-14.85	-15.47	-	-	-12.14	7.22	-4.92	-1.00	-3.92

Table 475 - 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)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE40 SU LPI	Duty Cycle (%):	91.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.38
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	6.59
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	-13.16	-13.37	-	-	-10.25	6.59	-3.66	-1.00	-2.66
7005	-13.01	-13.68	-	-	-10.32	6.59	-3.73	-1.00	-2.73
7085	-12.82	-13.26	-	-	-10.02	6.59	-3.43	-1.00	-2.43

Table 476 - 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)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	Duty Cycle (%):	92.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.35
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	7.22
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	-15.33	-15.98	-	-	-12.63	7.22	-5.42	-1.00	-4.42
6945	-14.87	-15.61	-	-	-12.22	6.59	-5.62	-1.00	-4.62
7025	-12.63	-12.76	-	-	-9.68	6.59	-3.09	-1.00	-2.09

Table 477 - 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 (%):	91.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.37
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	7.86
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	3.49	2.70	-	-	6.12	7.86	13.99	17.00	-3.01
6175	4.35	3.22	-	-	6.83	6.87	13.71	17.00	-3.29
6415	3.55	2.65	-	-	6.13	7.35	13.48	17.00	-3.52

Table 478 - 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 (%):	93.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.32
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	7.86
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	2.98	2.27	-	-	5.65	7.86	13.51	17.00	-3.49
6165	4.18	3.21	-	-	6.74	6.87	13.61	17.00	-3.39
6405	3.32	2.66	-	-	6.01	7.35	13.36	17.00	-3.64

Table 479 - 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 (%):	88.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.52
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	7.86
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	-0.23	-0.49	-	-	2.65	7.86	10.51	17.00	-6.49
6145	0.64	0.64	-	-	3.65	6.87	10.52	17.00	-6.48
6385	0.98	0.28	-	-	3.65	7.35	11.00	17.00	-6.00

Table 480 - 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 (%):	91.6
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.38
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	7.22
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	4.06	3.37	-	-	6.74	7.22	13.96	17.00	-3.04
6695	3.92	3.26	-	-	6.61	7.22	13.83	17.00	-3.17
6855	4.30	3.00	-	-	6.71	7.22	13.93	17.00	-3.07

Table 481 - 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 (%):	90.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.45
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	7.22
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	3.57	2.89	-	-	6.25	7.22	13.47	17.00	-3.53
6685	3.95	3.18	-	-	6.59	7.22	13.81	17.00	-3.19
6845	3.81	3.01	-	-	6.44	7.22	13.65	17.00	-3.35

Table 482 - 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 (%):	92.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.34
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	7.22
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	0.39	-0.79	-	-	2.85	7.22	10.07	17.00	-6.93
6705	0.72	-0.43	-	-	3.19	7.22	10.41	17.00	-6.59
6785	0.92	-0.20	-	-	3.41	7.22	10.62	17.00	-6.38

Table 483 - 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.

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.

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.



2.3.7 Test Location and Test Equipment Used

This test was carried out in RF Laboratory 14.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Network Analyser	Rohde & Schwarz	ZVA 40	3548	12	06-Mar-2024
1800-6000 MHz Power Splitter	Mini-Circuits	ZN2PD-63-S+	4055	-	O/P Mon
Calibration Unit	Rohde & Schwarz	ZV-Z54	4368	12	06-Mar-2024
Power splitter - 2 port	Mini-Circuits	ZN2PD-63-S+	4743	12	30-Nov-2023
Cable (18 GHz)	Rosenberger	LU7-071-1000	5100	12	24-Oct-2023
AC Programmable Power Supply	iTech	IT7324	5225	-	O/P Mon
Attenuator 5W 30dB DC-18GHz	Aaren	AT40A-4041-D18-30	5505	12	21-Feb-2024
MXA Signal Analyser	Keysight Technologies	N9020B	5529	24	13-Dec-2024
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	5765	-	O/P Mon
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	5766	-	O/P Mon
AC Programmable Power Supply	iTech	IT7324	5907	-	O/P Mon
USB Power Sensor	Boonton	RTP5008	5921	12	22-May-2024
USB Power Sensor	Boonton	RTP5008	5922	12	22-May-2024
MXA Signal Analyser	Keysight Technologies	N9020B	5919	24	13-Mar-2024
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/B	6019	12	05-Jun-2024
Digital Multimeter	Fluke	115	6145	12	15-Jun-2024
Humidity & Temperature meter	R.S Components	1364	6149	12	07-Jul-2024
Coaxial Fixed Attenuator DC-18GHz 5W 10dB	RF-Lambda	RFS5G18B10SMP	6176	12	19-Jul-2024
Humidity and Temperature Meter	R.S Components	1364	6346	12	28-Feb-2024
MXA Signal Analyser	Keysight Technologies	N9020B	6417	24	26-Feb-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6426	12	09-Apr-2024
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6518	12	26-May-2024
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6519	12	17-May-2024
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6520	12	10-Aug-2024
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6521	12	10-Aug-2024
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6529	12	09-Aug-2024
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6530	12	26-May-2024
AC Programmable Power Supply	iTech	IT7324	6662	-	O/P Mon

Table 484

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 4.6
ISED RSS-GEN, Clause 6.13

2.4.2 Equipment Under Test and Modification State

A3113, S/N: XXRVY66Q51 - Modification State 0
A3113, S/N: D6HCD7RY3W - Modification State 0

2.4.3 Date of Test

15-August-2023 to 01-September-2023

2.4.4 Test Method

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

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

For U-NII-5-8 channels, the average limit line on the following plots equated to -27 dBm/MHz EIRP and the peak limit equated to -7 dBm/MHz EIRP. It was converted from EIRP to field strength at 3 m using the following formula:

Field Strength (dBµV/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	22.0 - 23.5 °C
Relative Humidity	40.5 - 47.4 %

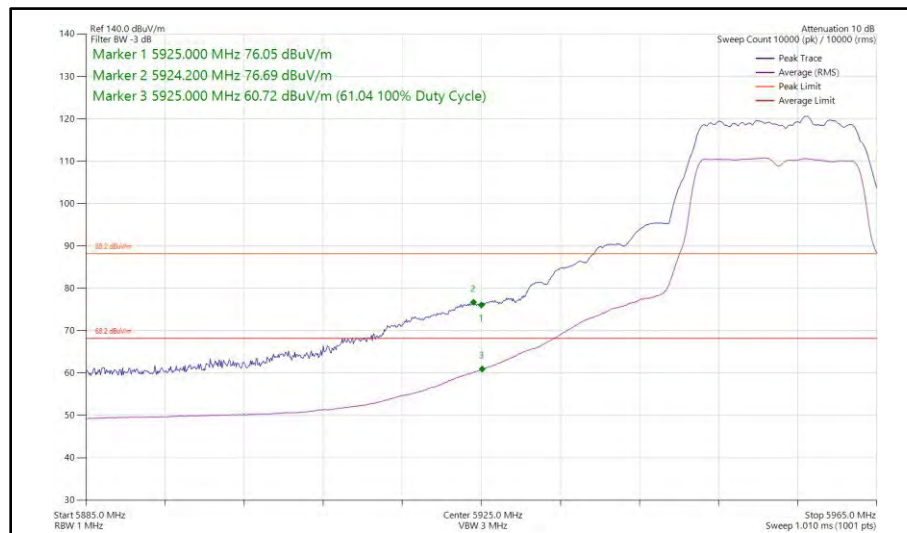
2.4.6 Test Results

6 GHz WLAN

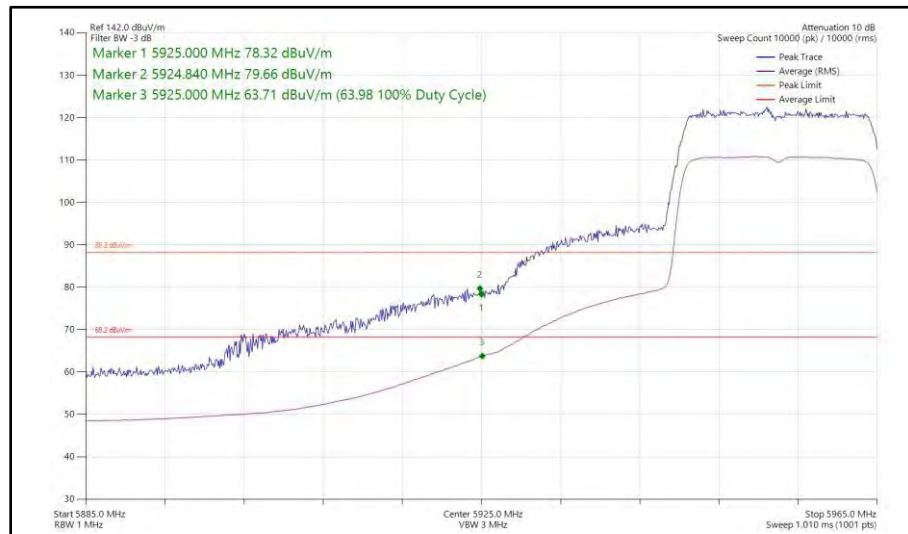
20 MHz Bandwidth - Core 0 (SISO)

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	76.69	61.04
802.11ax HE20	MCS4x1	SU	-	5955	5925	79.66	63.98
802.11ax HE20	MCS11x1	26	8	5955	5925	74.95	54.70
802.11a	54 Mbps	-	-	7095	7125	74.16	60.93
802.11a	24 Mbps	-	-	7115	7125	81.29	65.58
802.11ax HE20	MCS2x1	SU	-	7095	7125	77.16	62.82
802.11ax HE20	MCS11x1	26	8	7095	7125	72.21	53.61
802.11ax HE20	MCS4x1	SU	-	7115	7125	77.13	65.53
802.11ax HE20	MCS11x1	52	37	7115	7125	83.17	63.09

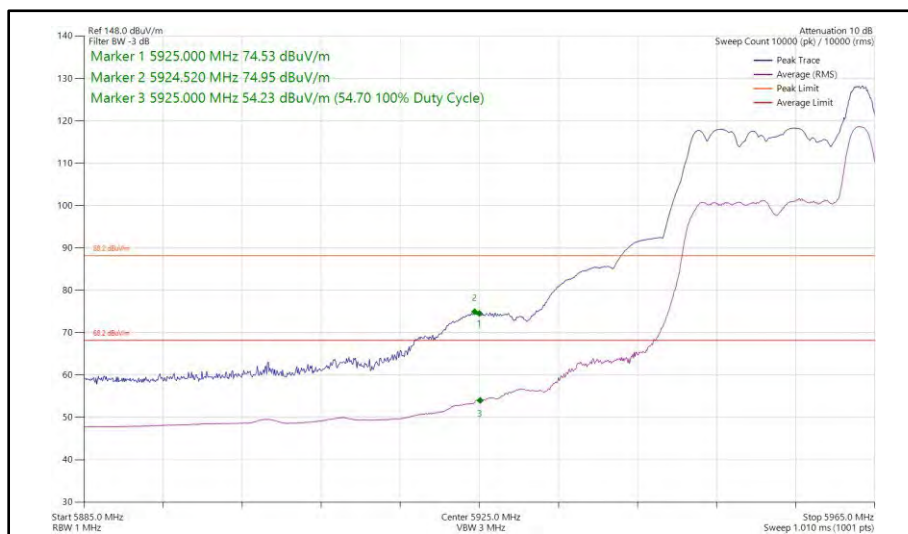
Table 485 - SISO Authorised Band Edge Results



**Figure 101 - 802.11a, SISO, Core 0 - 5955 MHz
Band Edge Frequency 5925 MHz**



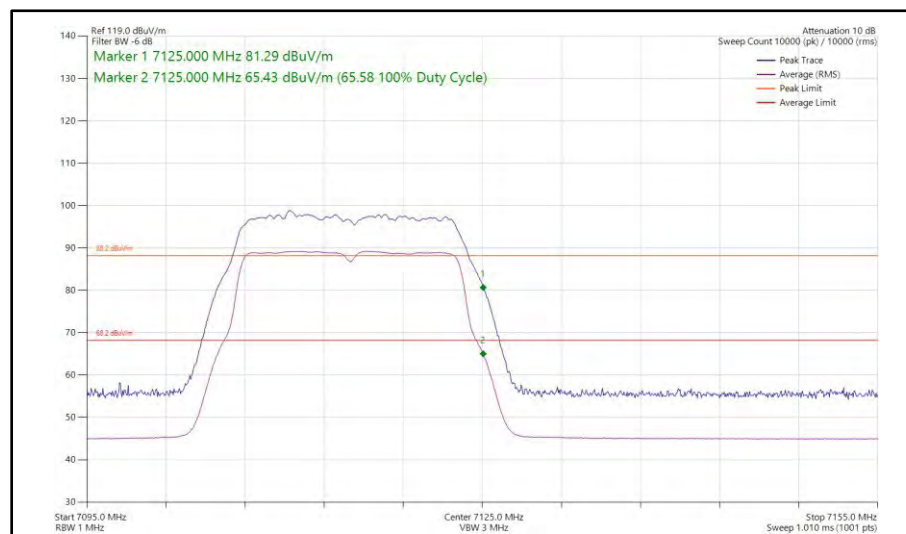
**Figure 102 - 802.11ax HE20, SU, SISO, Core 0 - 5955 MHz
Band Edge Frequency 5925 MHz**



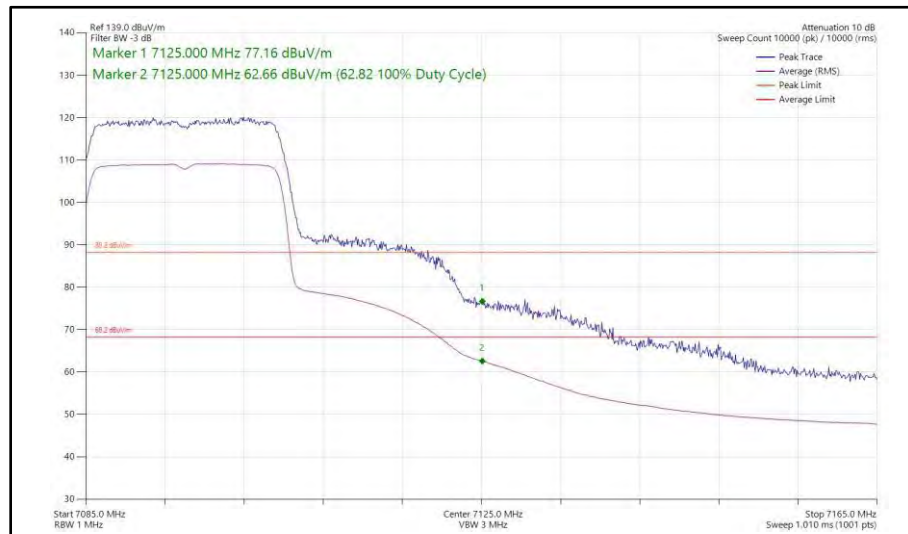
**Figure 103 - 802.11ax HE20, RU 26-8, SISO, Core 0 - 5955 MHz
Band Edge Frequency 5925 MHz**



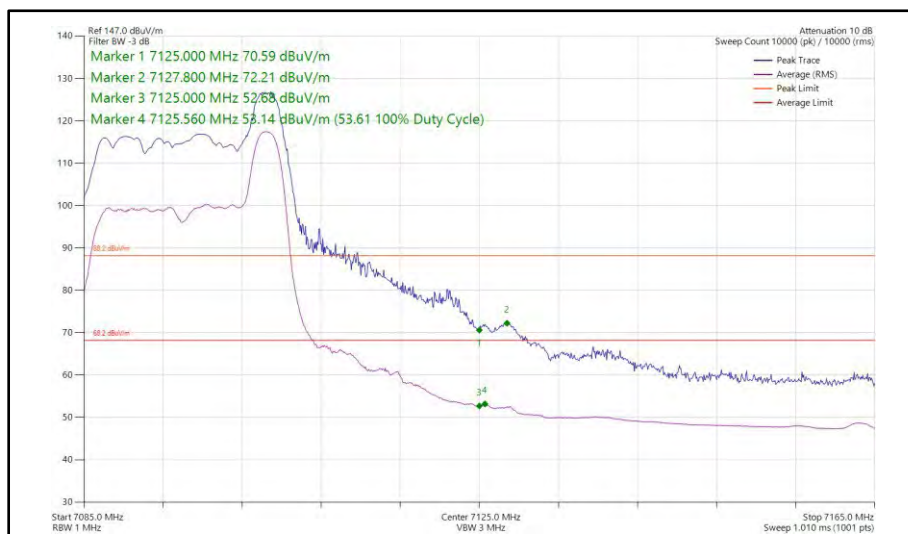
**Figure 104 - 802.11a, SISO, Core 0 - 7095 MHz
Band Edge Frequency 7125 MHz**



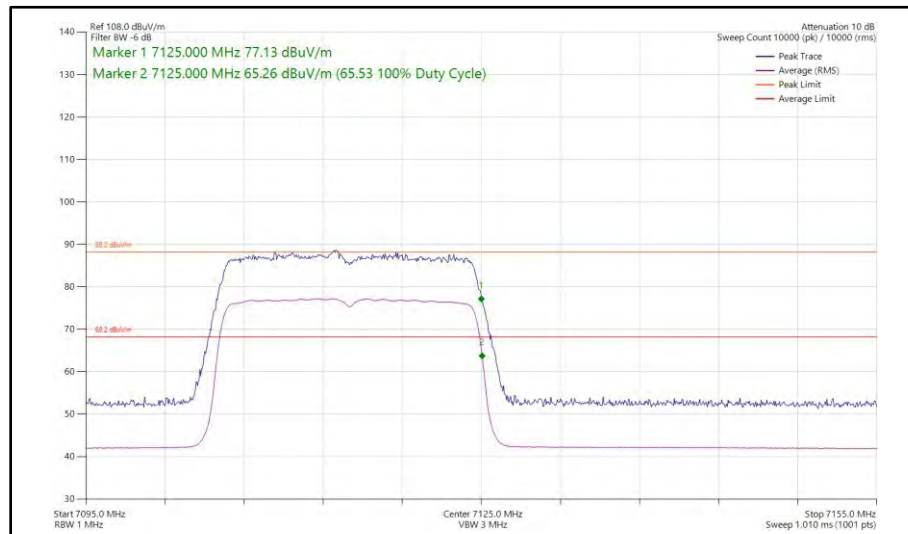
**Figure 105 - 802.11a, SISO, Core 0 - 7115 MHz
Band Edge Frequency 7125 MHz**



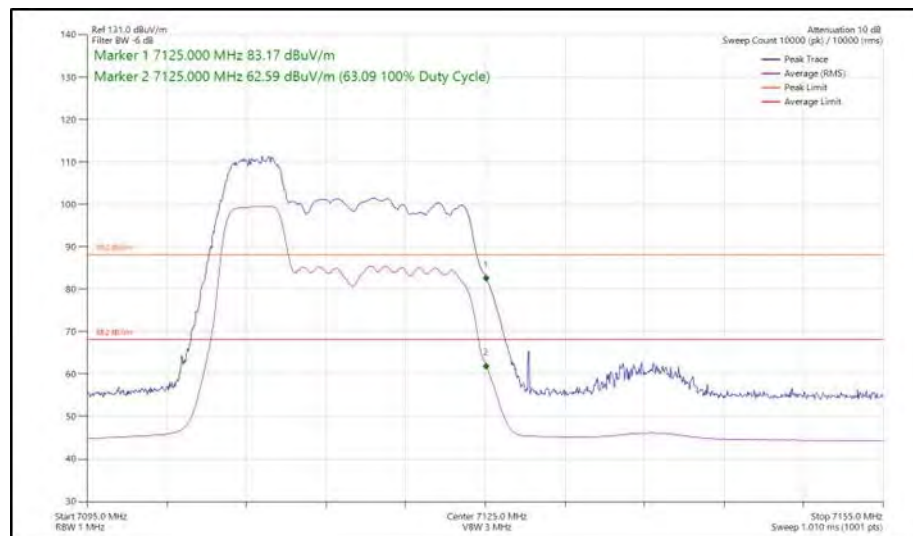
**Figure 106 - 802.11ax HE20, SU, SISO, Core 0 - 7095 MHz
Band Edge Frequency 7125 MHz**



**Figure 107 - 802.11ax HE20, RU 26-8, SISO, Core 0 - 7095 MHz
Band Edge Frequency 7125 MHz**



**Figure 108 - 802.11ax HE20, SU, SISO, Core 0 - 7115 MHz
Band Edge Frequency 7125 MHz**

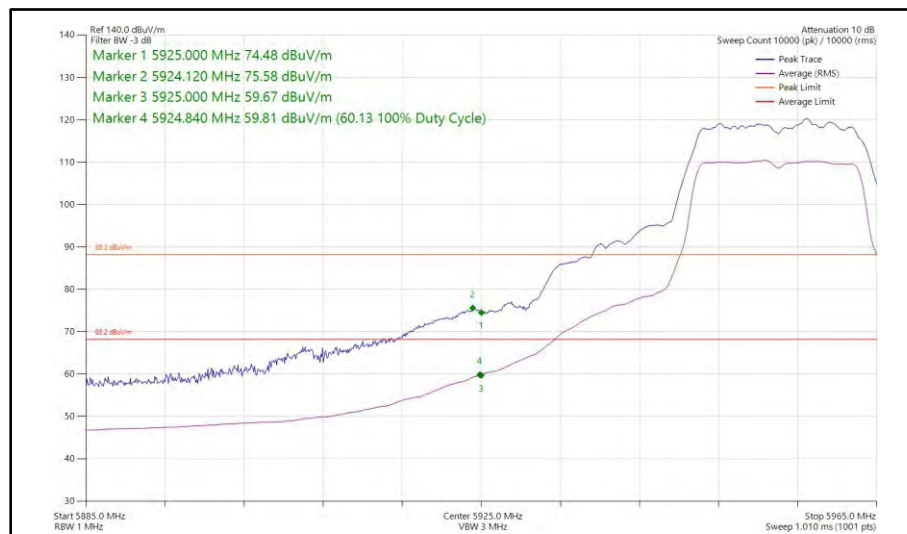


**Figure 109 - 802.11ax HE20, RU 26-0, SISO, Core 0 - 7115 MHz
Band Edge Frequency 7125 MHz**

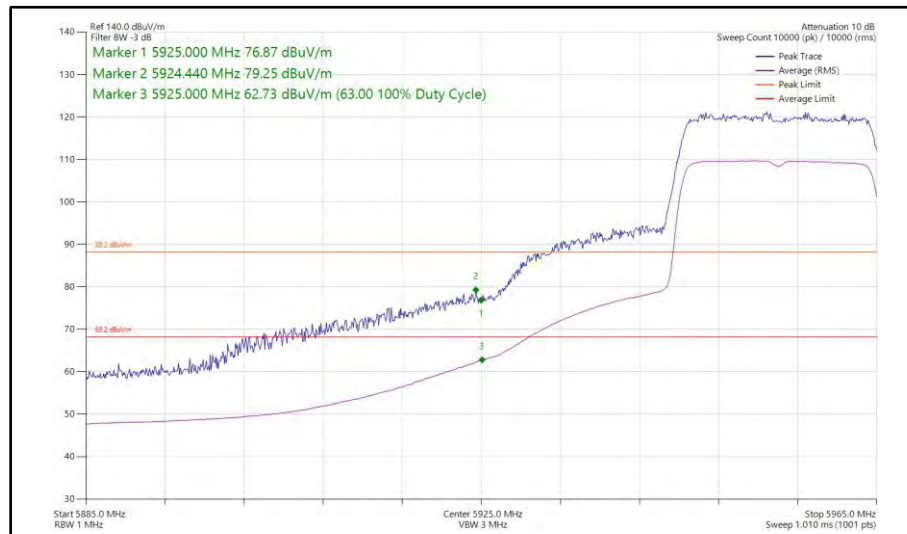
20 MHz Bandwidth - Core 1 (SISO)

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	75.58	60.13
802.11ax HE20	MCS4x1	SU	-	5955	5925	79.25	63.00
802.11ax HE20	MCS11x1	26	0	5955	5925	72.70	52.59
802.11a	54 Mbps	-	-	7095	7125	74.65	61.13
802.11a	12 Mbps	-	-	7115	7125	81.85	65.44
802.11ax HE20	MCS2x1	SU	-	7095	7125	76.83	63.31
802.11ax HE20	MCS11x1	26	8	7095	7125	73.23	53.49
802.11ax HE20	MCS4x1	SU	-	7115	7125	77.82	65.64

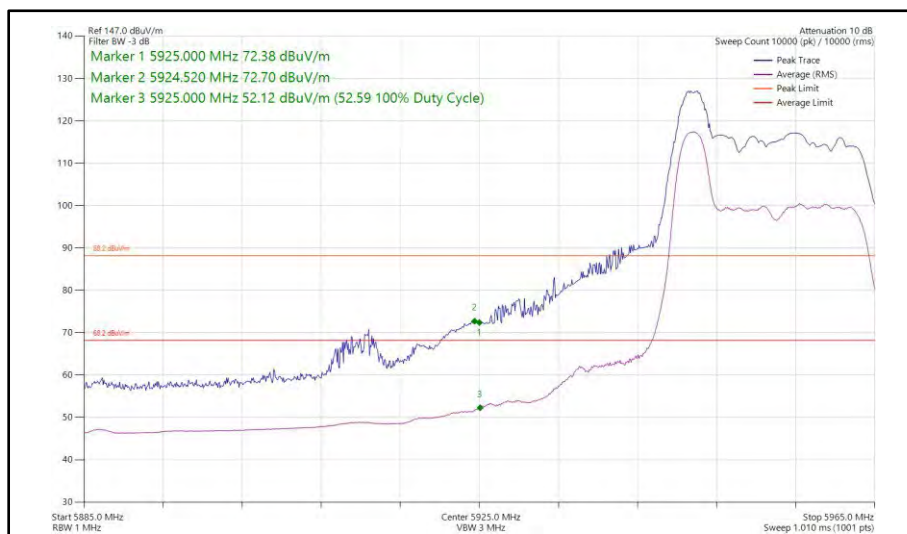
Table 486 - SISO Authorised Band Edge Results



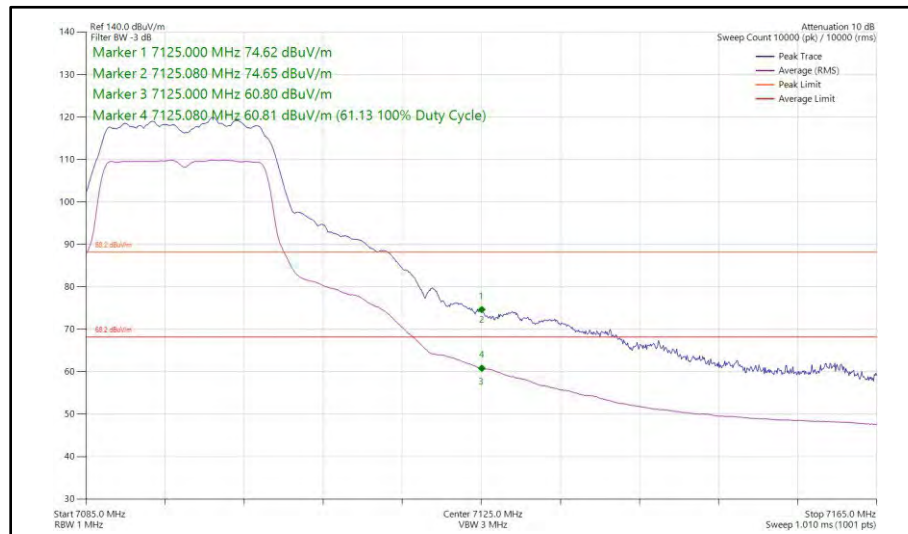
**Figure 110 - 802.11a, SISO, Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz**



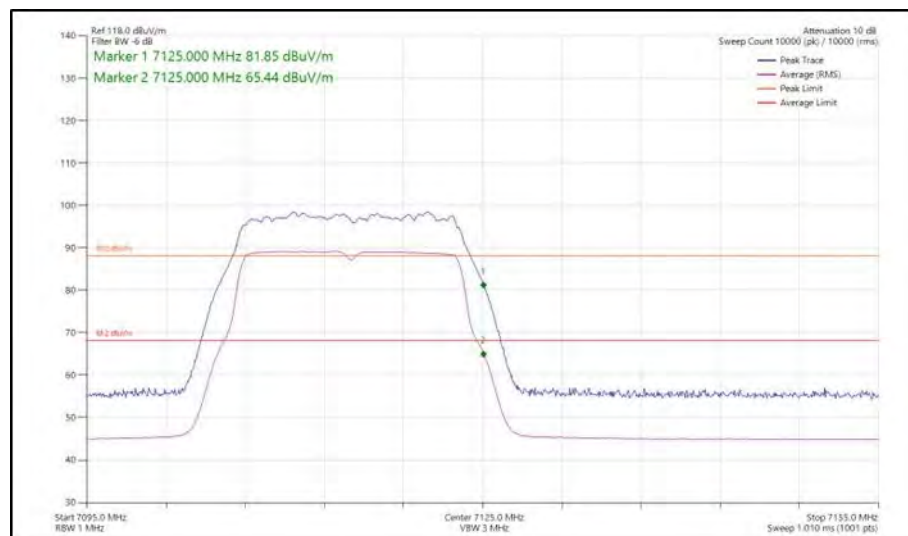
**Figure 111 - 802.11ax HE20, SU, SISO, Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz**



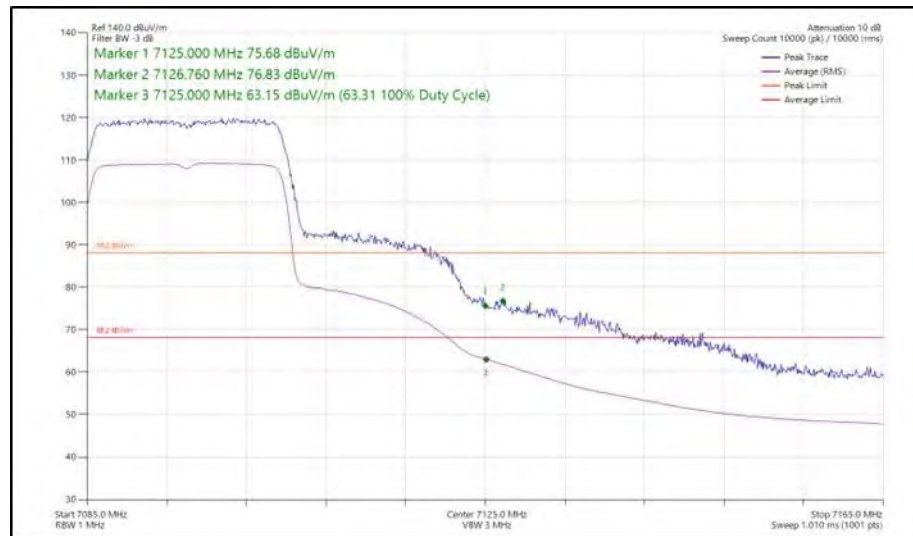
**Figure 112 - 802.11ax HE20, RU 26-0, SISO, Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz**



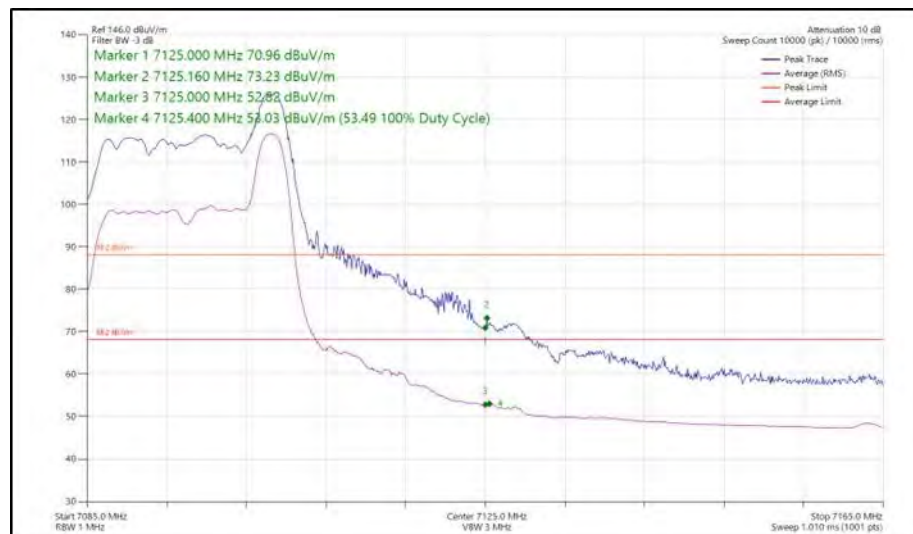
**Figure 113 - 802.11a, SISO, Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz**



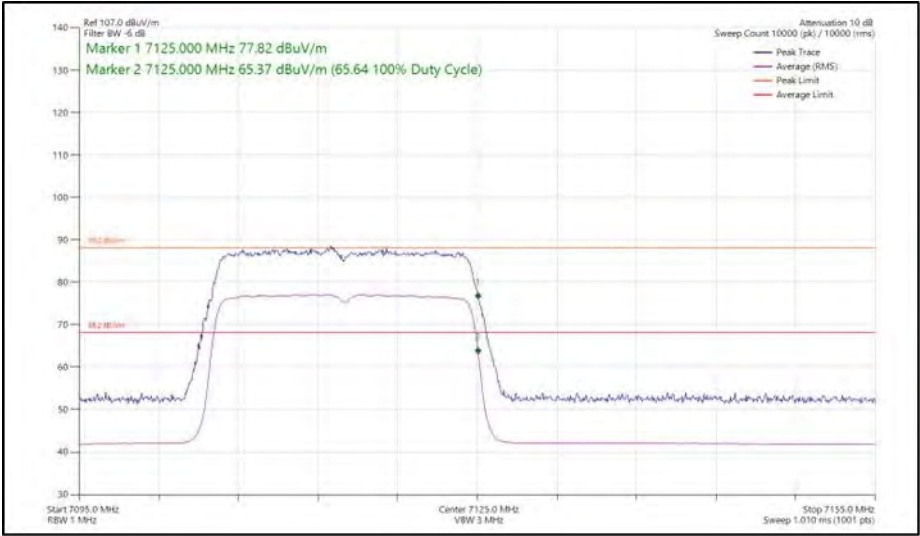
**Figure 114 - 802.11a, SISO, Core 1 - 7115 MHz
Band Edge Frequency 7125 MHz**



**Figure 115 - 802.11ax HE20, SU, SISO, Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz**



**Figure 116 - 802.11ax HE20, RU 26-8, SISO, Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz**

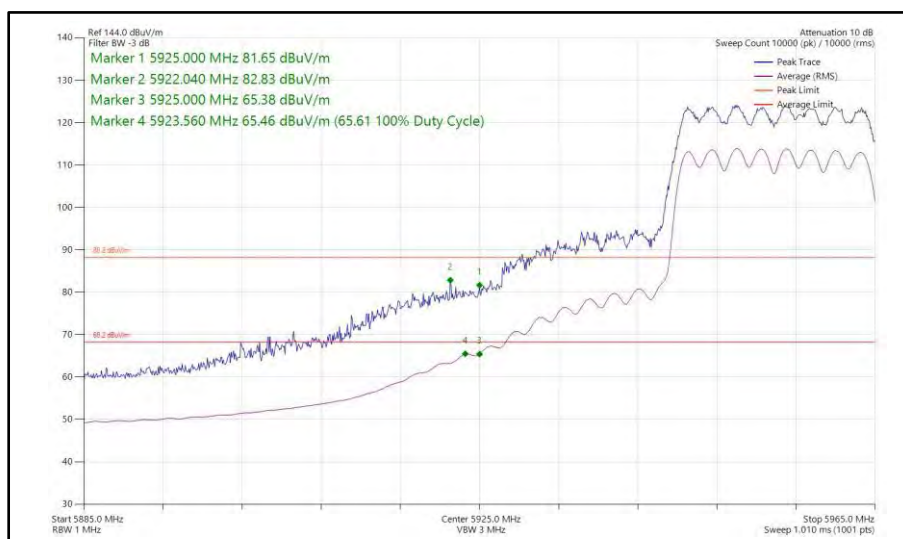


**Figure 117 - 802.11ax HE20, SU, SISO, Core 1 - 7115 MHz
Band Edge Frequency 7125 MHz**

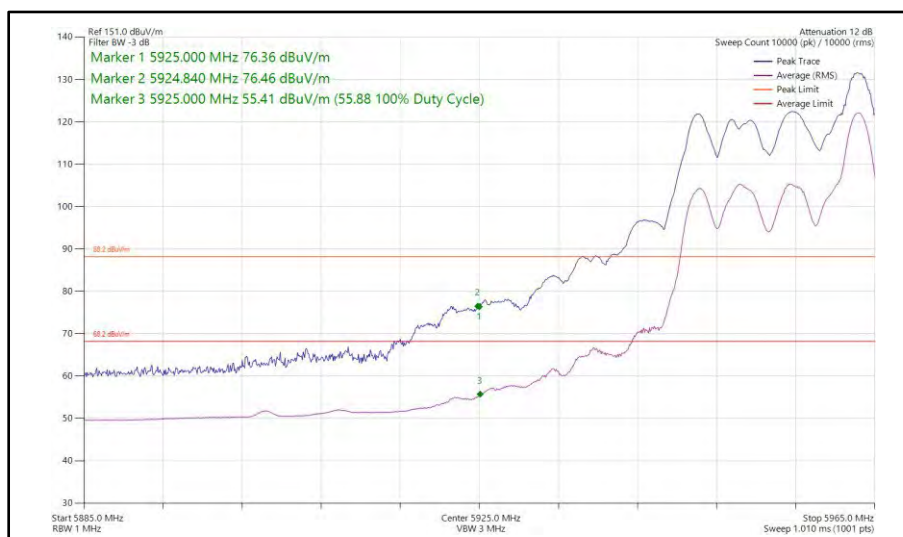
20 MHz Bandwidth - Core 0 + Core 1 (CDD)

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	MCS2x1	SU	-	5955	5925	82.83	65.61
802.11ax HE20	MCS11x1	26	8	5955	5925	76.46	55.88
802.11ax HE20	MCS4x1	SU	-	7095	7125	79.17	65.25
802.11ax HE20	MCS11x1	106	53	7095	7125	75.60	54.33
802.11ax HE20	MCS2x1	SU	-	7115	7125	79.39	65.31
802.11ax HE20	MCS11x1	26	8	7115	7125	82.43	65.56

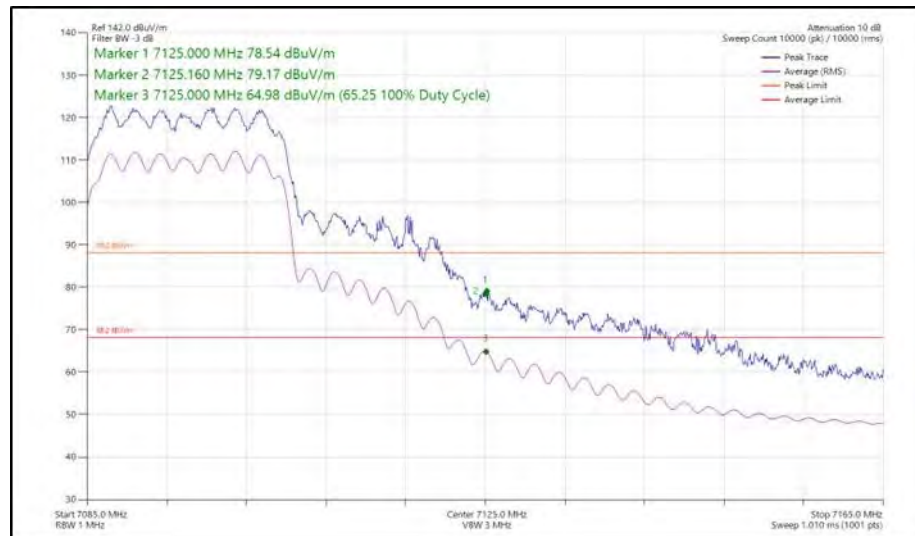
Table 487 - CDD Authorised Band Edge Results



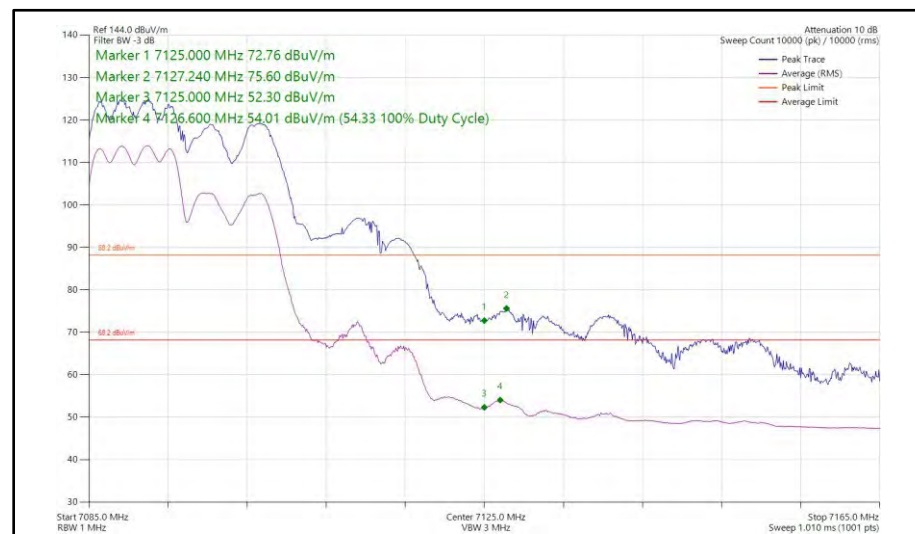
**Figure 118 - 802.11ax HE20, SU, CDD, Core 0 + Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz**



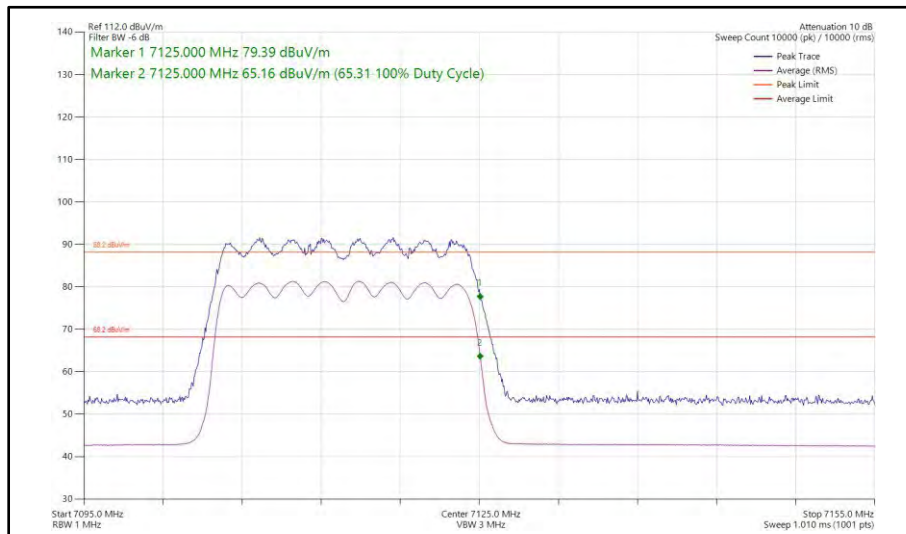
**Figure 119 - 802.11ax HE20, RU 26-8, CDD, Core 0 + Core 1 – 5955
MHz Band Edge Frequency 5925 MHz**



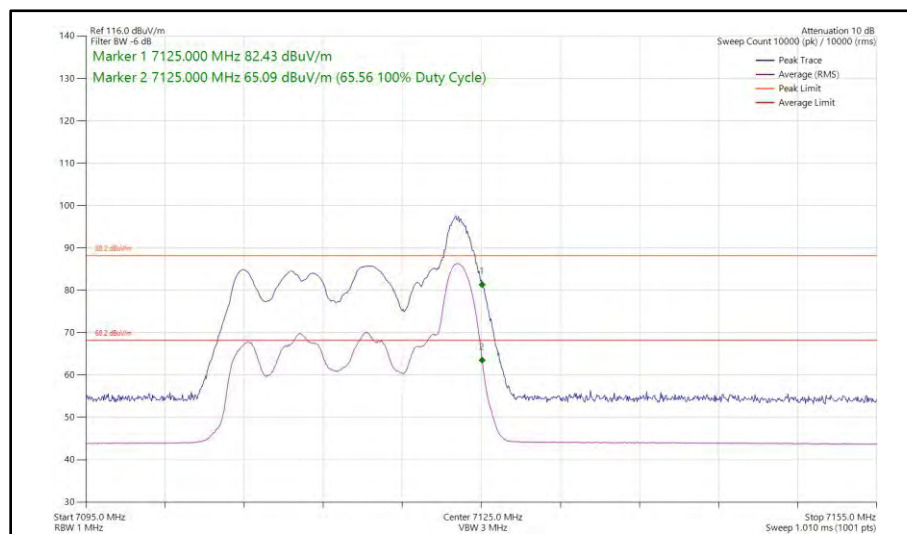
**Figure 120 - 802.11ax HE20, SU, CDD, Core 0 + Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz**



**Figure 121 - 802.11ax HE20, RU 106-53, CDD, Core 0 + Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz**



**Figure 122 - 802.11ax HE20, SU, CDD, Core 0 + Core 1 - 7115 MHz
Band Edge Frequency 7125 MHz**



**Figure 123 - 802.11ax HE20, RU 26-8, 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	MCS2x2	SU	-	5955	5925	79.44	65.35
802.11ax HE20	MCS11x2	26	8	5955	5925	76.70	55.64
802.11ax HE20	MCS4x2	SU	-	7095	7125	76.85	64.10
802.11ax HE20	MCS11x2	106	53	7095	7125	75.35	55.04

Table 488 - SDM Authorised Band Edge Results

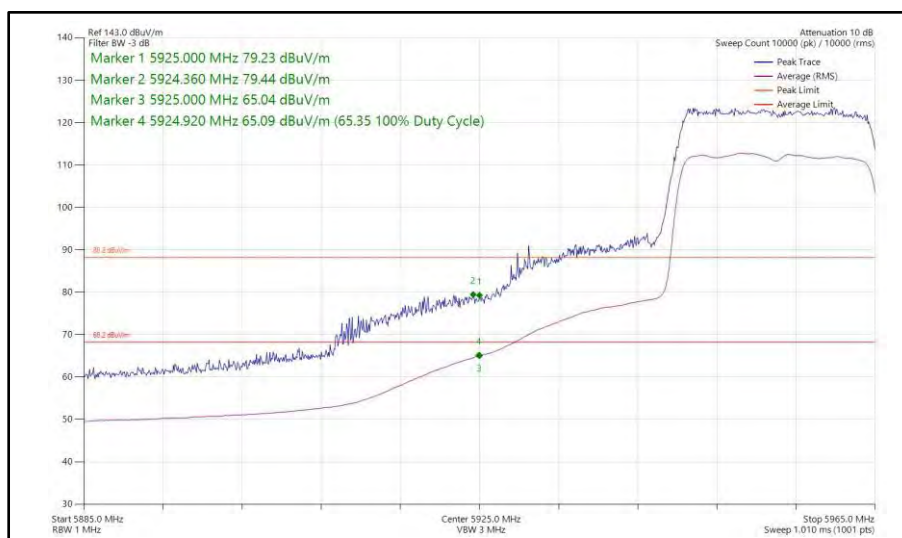


Figure 124 - 802.11ax HE20, SU, SDM, Core 0 + Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz

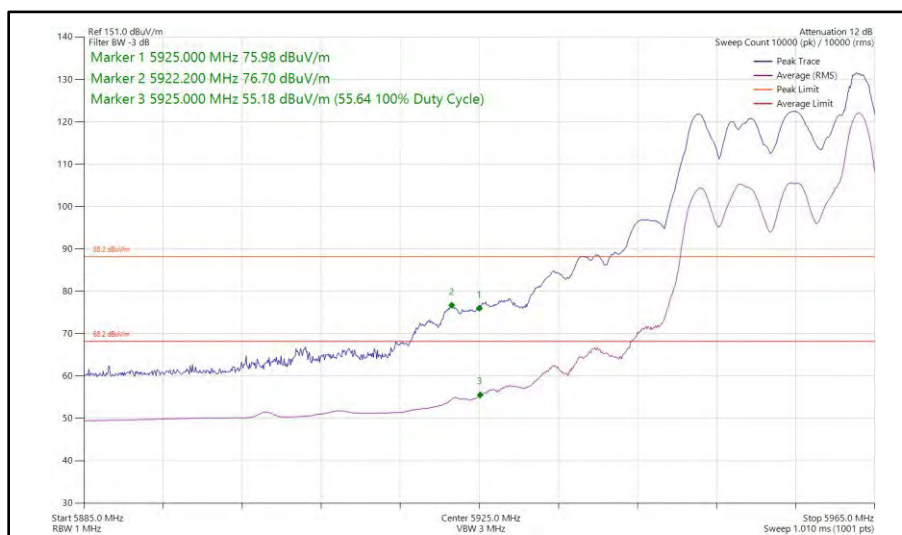
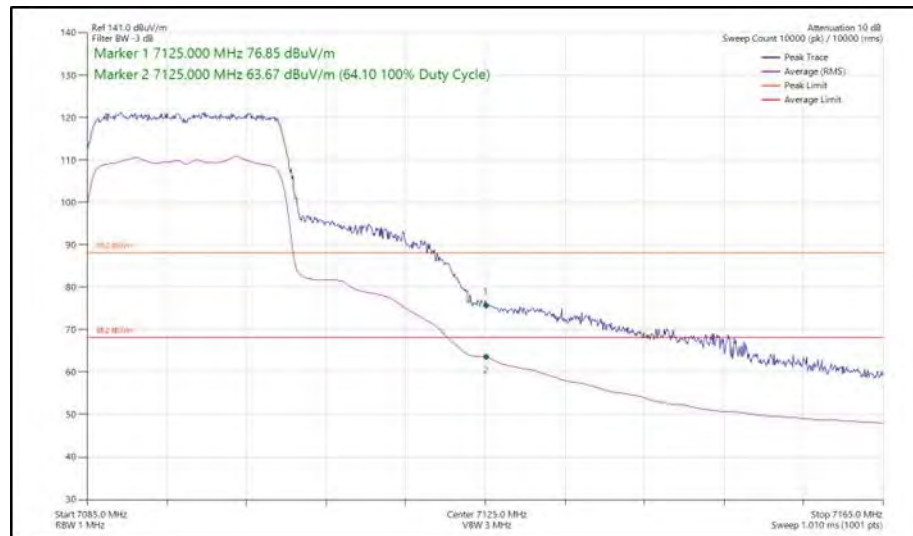


Figure 125 - 802.11ax HE20, RU 26-8, SDM, Core 0 + Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz



**Figure 126 - 802.11ax HE20, SU, SDM, Core 0 + Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz**

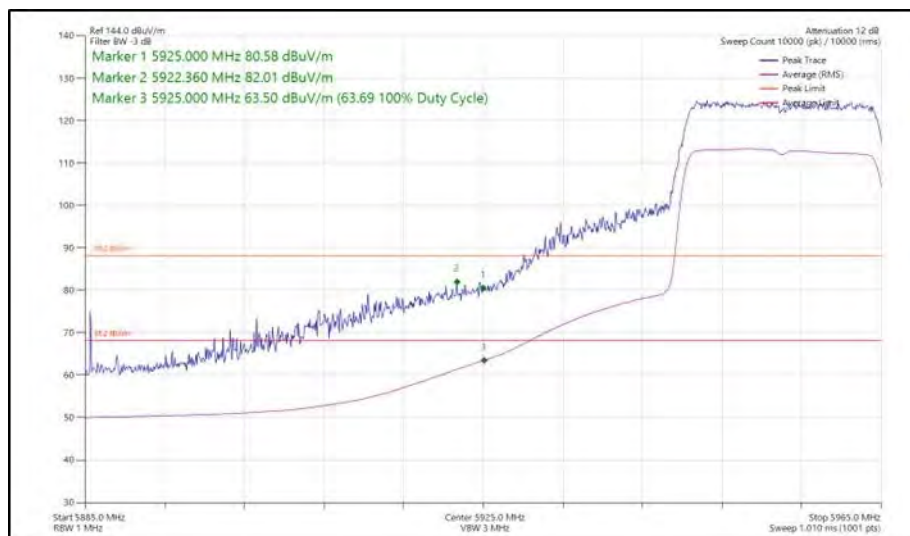


**Figure 127 - 802.11ax HE20, RU 106-53, SDM, Core 0 + Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz**

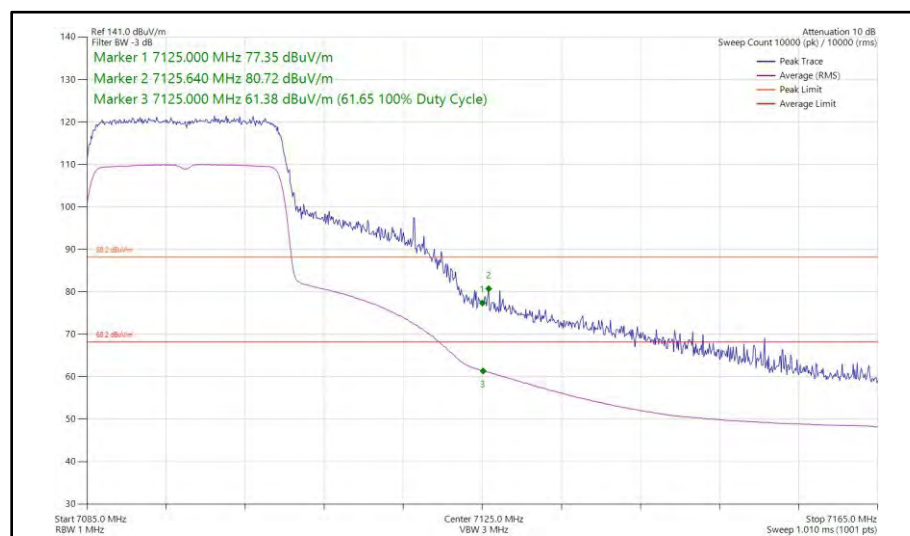
20 MHz Bandwidth - Core 0 + Core 1 (TxBF)

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	MCS11x1	SU	-	5955	5925	82.01	63.69
802.11ax HE20	MCS11x1	SU	-	7095	7125	80.72	61.65

Table 489 - TxBF Authorised Band Edge Results



**Figure 128 - 802.11ax HE20, SU, TxBF, Core 0 + Core 1 - 5955 MHz
Band Edge Frequency 5925 MHz**

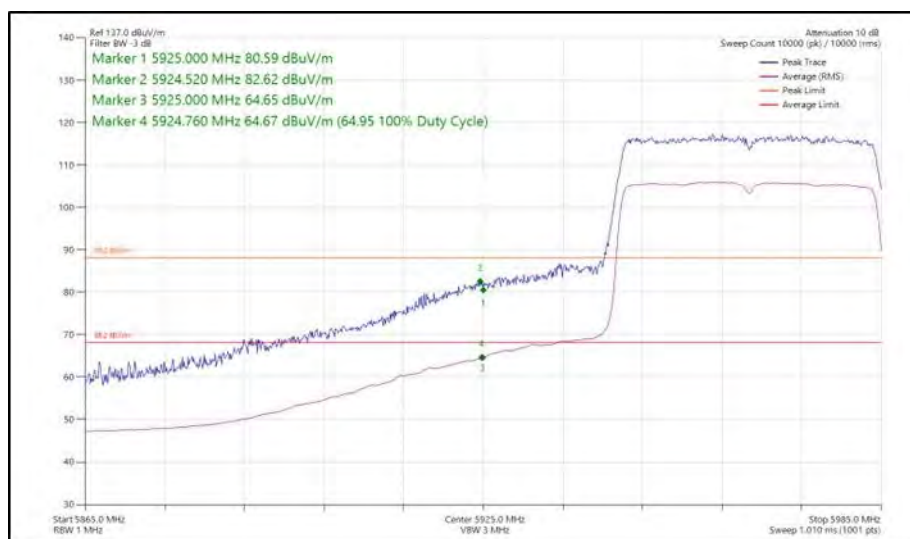


**Figure 129 - 802.11ax HE20, SU, TxBF, Core 0 + Core 1 - 7095 MHz
Band Edge Frequency 7125 MHz**

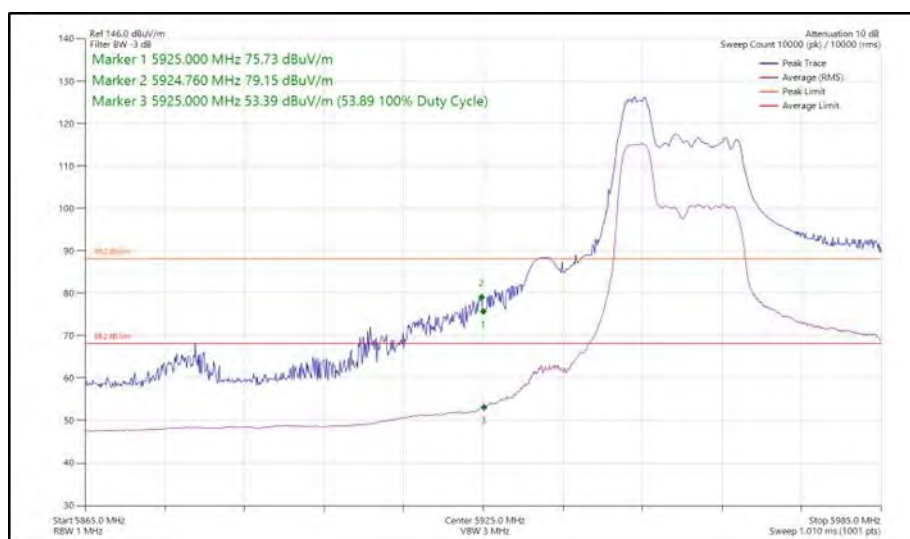
40 MHz Bandwidth - Core 0 (SISO)

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	MCS4x1	SU	-	5965	5925	82.62	64.95
802.11ax HE40	MCS11x1	52	37	5965	5925	79.15	53.89
802.11ax HE40	MCS4x1	SU	-	6005	5925	70.89	54.68
802.11ax HE40	MCS4x1	SU	-	7045	7125	69.92	54.33
802.11ax HE40	MCS11x1	SU	-	7085	7125	83.05	64.29
802.11ax HE40	MCS11x1	52	44	7085	7125	80.39	53.58

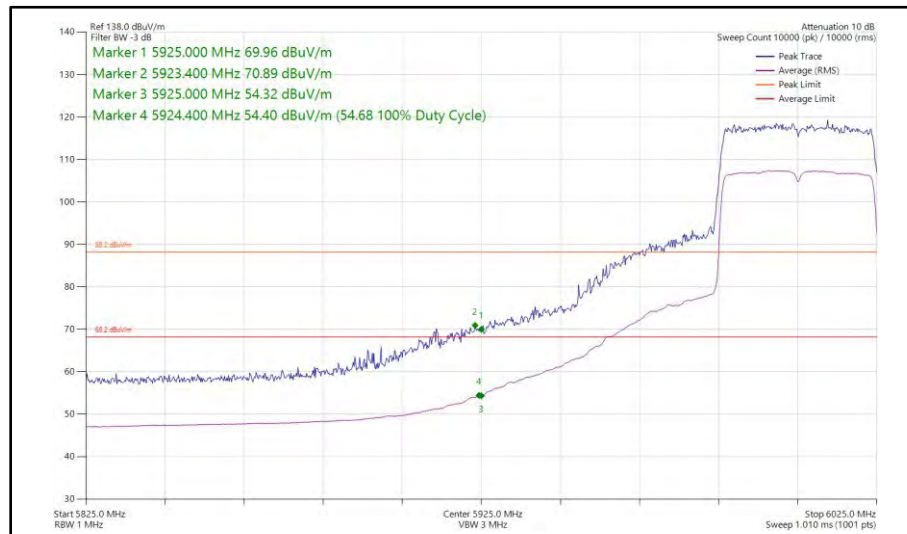
Table 490 - SISO Authorised Band Edge Results



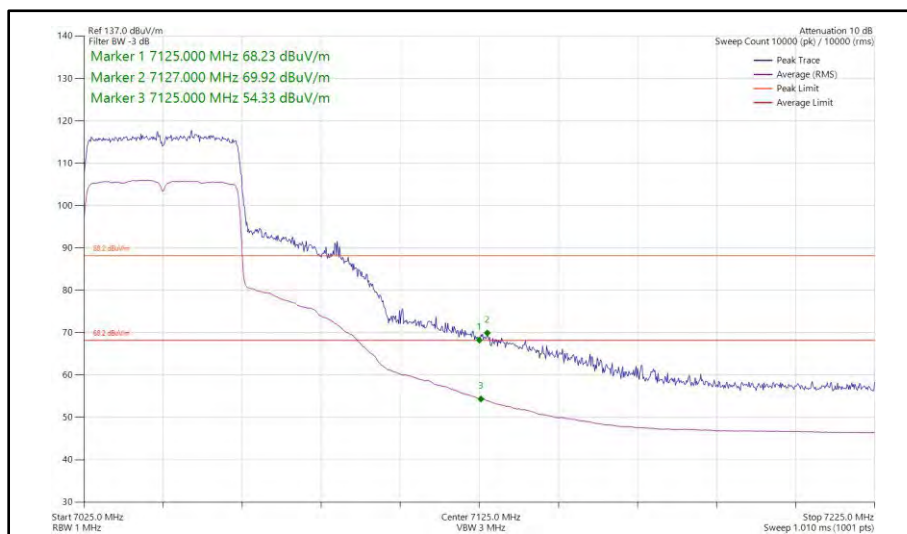
**Figure 130 - 802.11ax HE40, SU, SISO, Core 0 - 5965 MHz
Band Edge Frequency 5925 MHz**



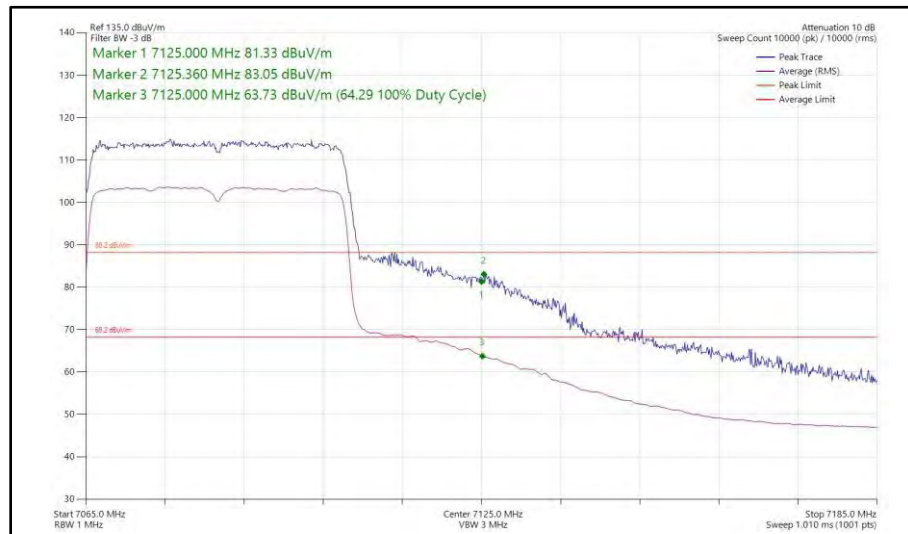
**Figure 131 - 802.11ax HE40, RU 52-37, SISO, Core 0 - 5965 MHz
Band Edge Frequency 5925 MHz**



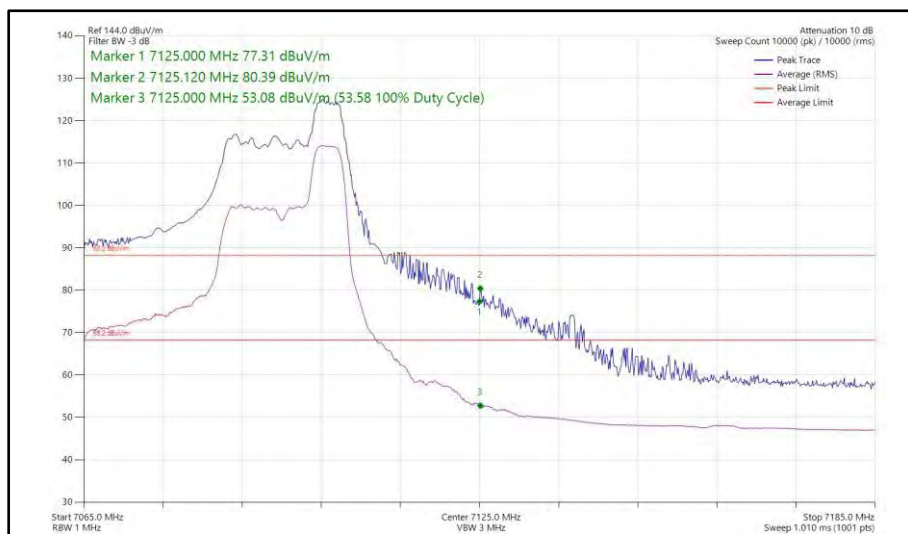
**Figure 132 - 802.11ax HE40, SU, SISO, Core 0 - 6005 MHz
Band Edge Frequency 5925 MHz**



**Figure 133 - 802.11ax HE40, SU, SISO, Core 0 - 7045 MHz
Band Edge Frequency 7125 MHz**



**Figure 134 - 802.11ax HE40, SU, SISO, Core 0 - 7085 MHz
Band Edge Frequency 7125 MHz**

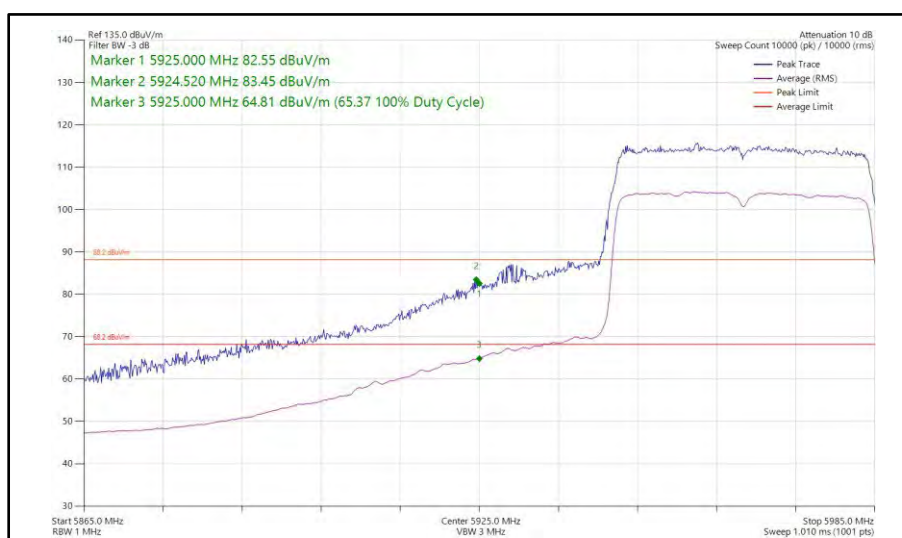


**Figure 135 - 802.11ax HE40, RU 52-44, SISO, Core 0 - 7085 MHz
Band Edge Frequency 7125 MHz**

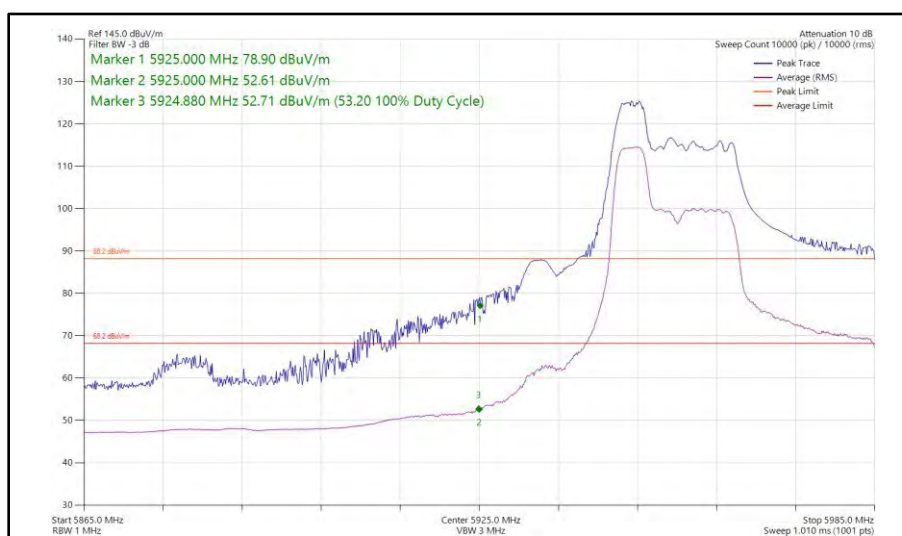
40 MHz Bandwidth - Core 1 (SISO)

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	MCS11x1	SU	-	5965	5925	83.45	65.37
802.11ax HE40	MCS11x1	52	37	5965	5925	78.90	53.20
802.11ax HE40	MCS4x1	SU	-	6005	5925	69.77	53.82
802.11ax HE40	MCS11x1	SU	-	7045	7125	70.48	55.91
802.11ax HE40	MCS4x1	SU	-	7085	7125	82.19	65.60
802.11ax HE40	MCS11x1	52	44	7085	7125	80.02	53.85

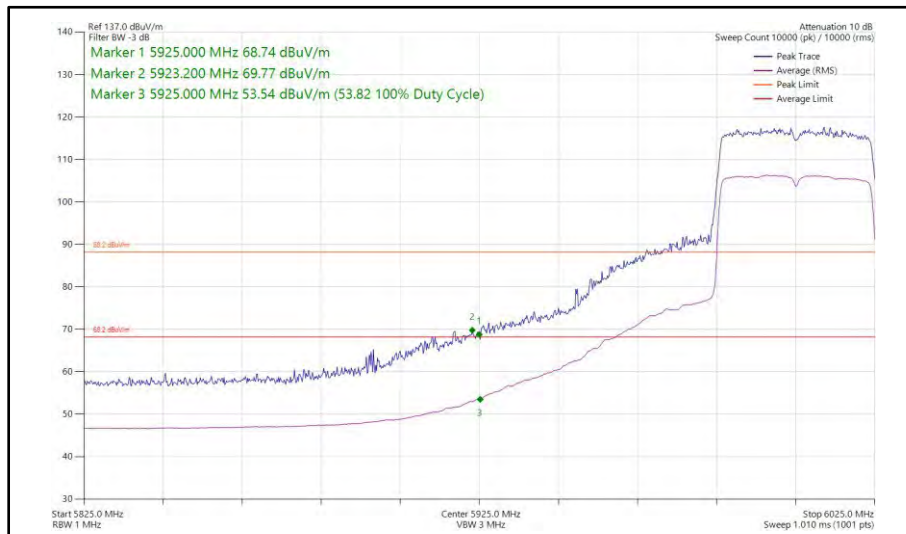
Table 491 - SISO Authorised Band Edge Results



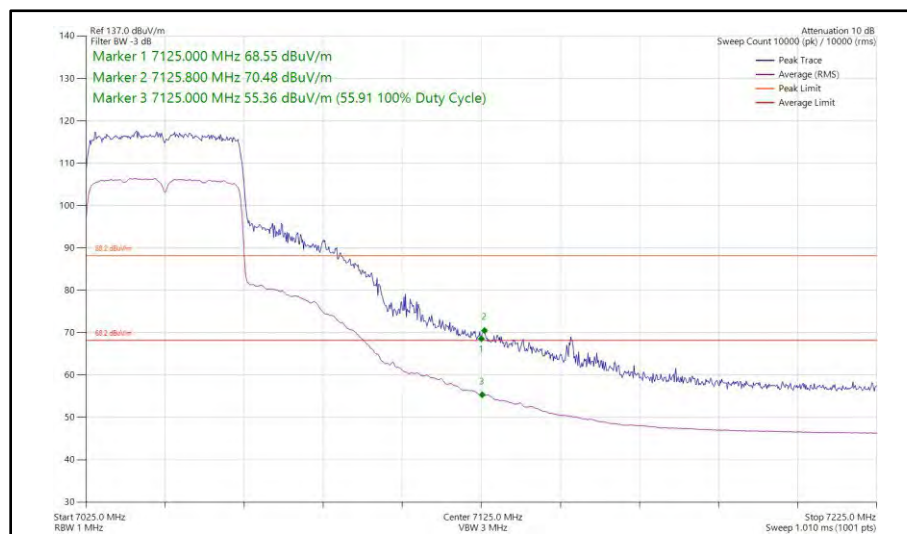
**Figure 136 - 802.11ax HE40, SU, SISO, Core 1 - 5965 MHz
Band Edge Frequency 5925 MHz**



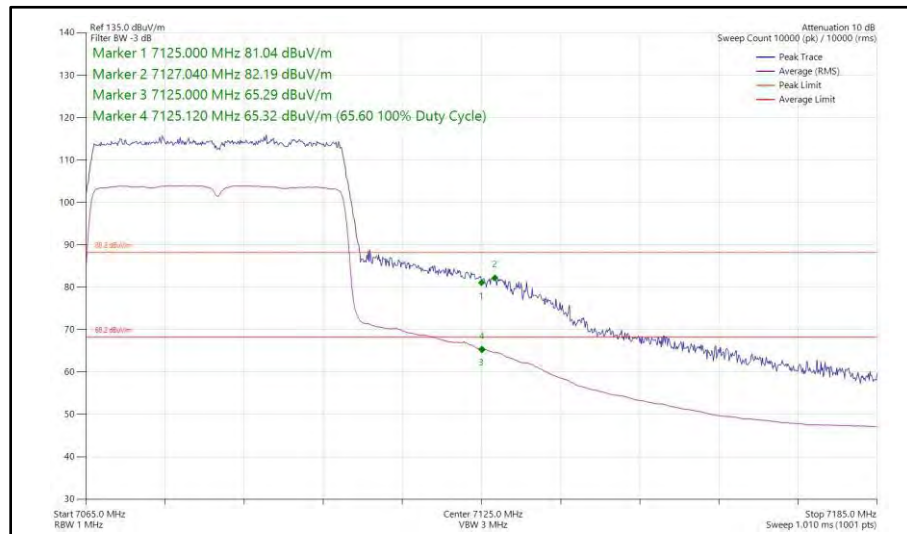
**Figure 137 - 802.11ax HE40, RU 52-37, SISO, Core 1 - 5965 MHz
Band Edge Frequency 5925 MHz**



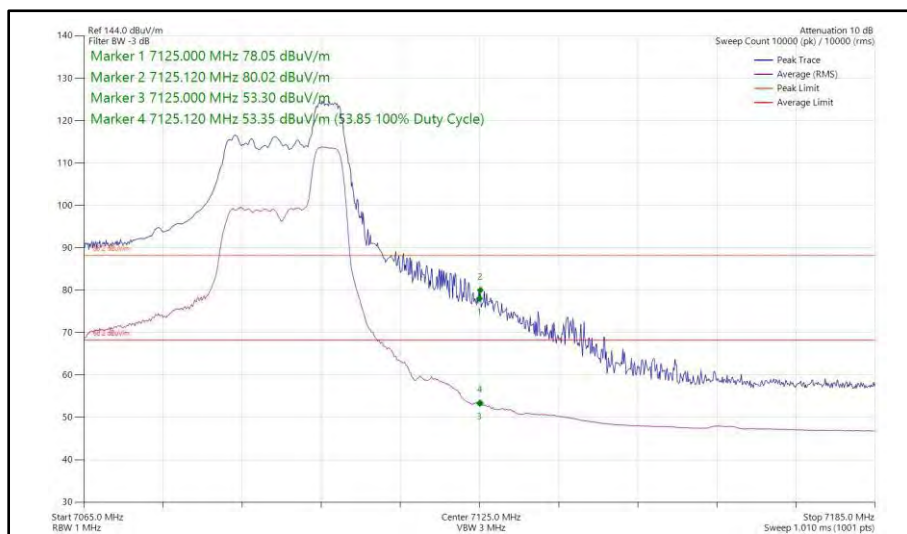
**Figure 138 - 802.11ax HE40, SU, SISO, Core 1 - 6005 MHz
Band Edge Frequency 5925 MHz**



**Figure 139 - 802.11ax HE40, SU, SISO, Core 1 - 7045 MHz
Band Edge Frequency 7125 MHz**



**Figure 140 - 802.11ax HE40, SU, SISO, Core 1 - 7085 MHz
Band Edge Frequency 7125 MHz**

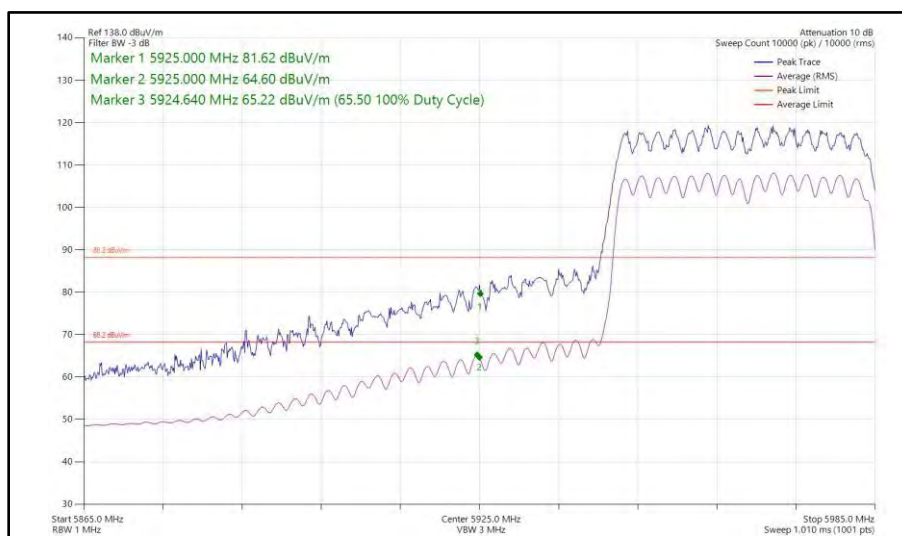


**Figure 141 - 802.11ax HE40, RU 52-44, SISO, Core 1 - 7085 MHz
Band Edge Frequency 7125 MHz**

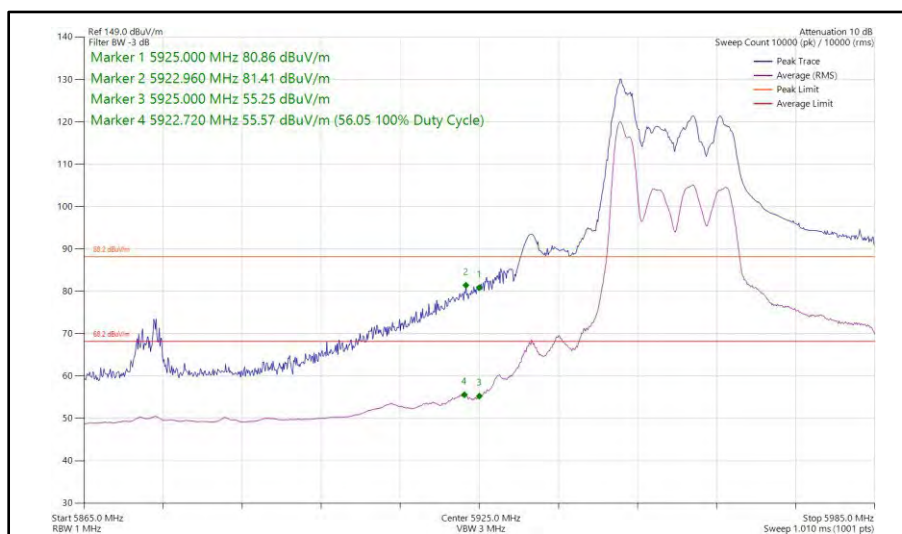
40 MHz Bandwidth - Core 0 + Core 1 (CDD)

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	MCS4x1	SU	-	5965	5925	81.62	65.50
802.11ax HE40	MCS11x1	26	0	5965	5925	81.41	56.05
802.11ax HE40	MCS11x1	SU	-	6005	5925	71.85	56.81
802.11ax HE40	MCS4x1	SU	-	7045	7125	71.70	58.29
802.11ax HE40	MCS4x1	SU	-	7085	7125	82.24	65.69
802.11ax HE40	MCS11x1	52	44	7085	7125	80.53	54.82

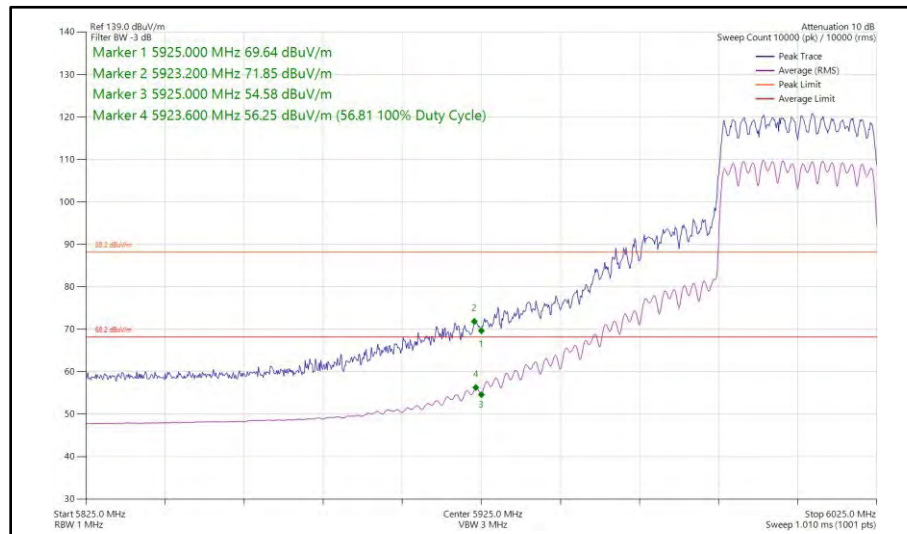
Table 492 - CDD Authorised Band Edge Results



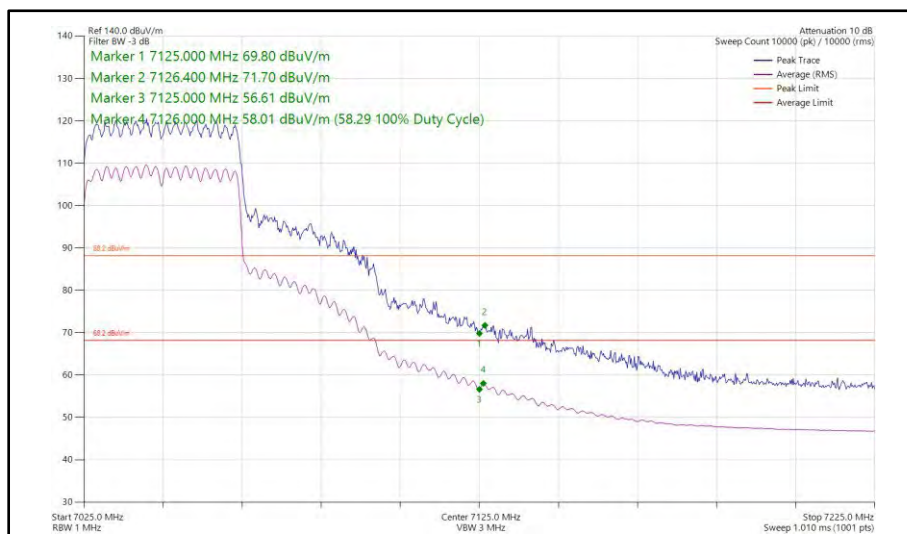
**Figure 142 - 802.11ax HE40, SU, CDD, Core 0 + Core 1 - 5965 MHz
Band Edge Frequency 5925 MHz**



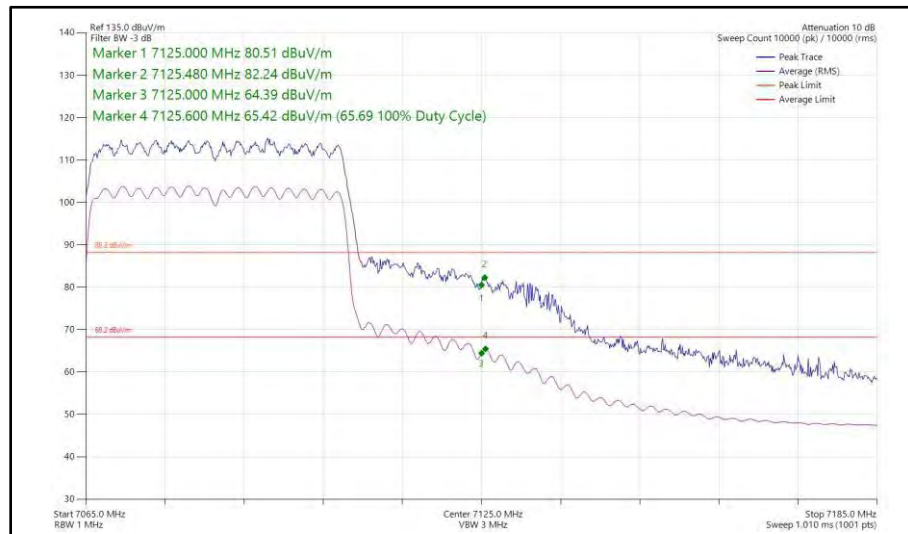
**Figure 143 - 802.11ax HE40, RU 26-0, CDD, Core 0 + Core 1 - 5965 MHz
Band Edge Frequency 5925 MHz**



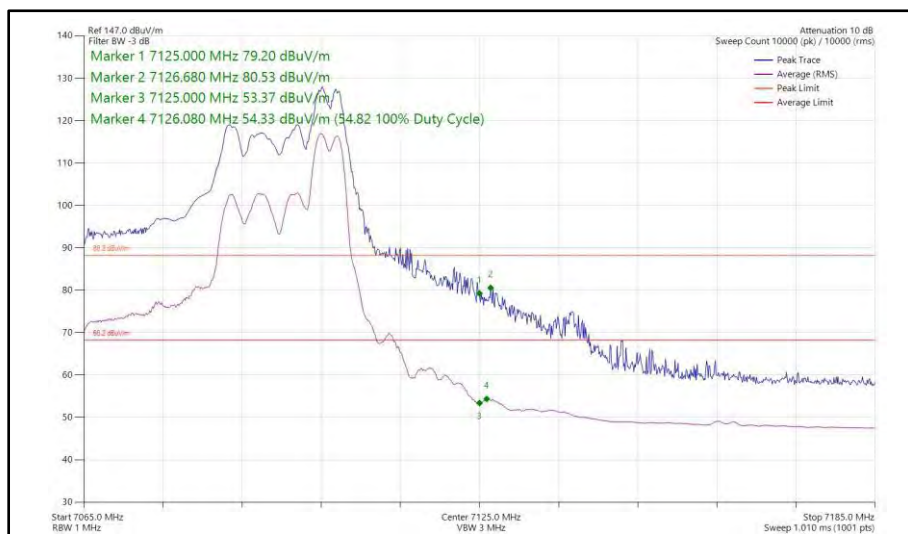
**Figure 144 - 802.11ax HE40, SU, CDD, Core 0 + Core 1 - 6005 MHz
Band Edge Frequency 5925 MHz**



**Figure 145 - 802.11ax HE40, SU, CDD, Core 0 + Core 1 - 7045 MHz
Band Edge Frequency 7125 MHz**



**Figure 146 - 802.11ax HE40, SU, CDD, Core 0 + Core 1 - 7085 MHz
Band Edge Frequency 7125 MHz**

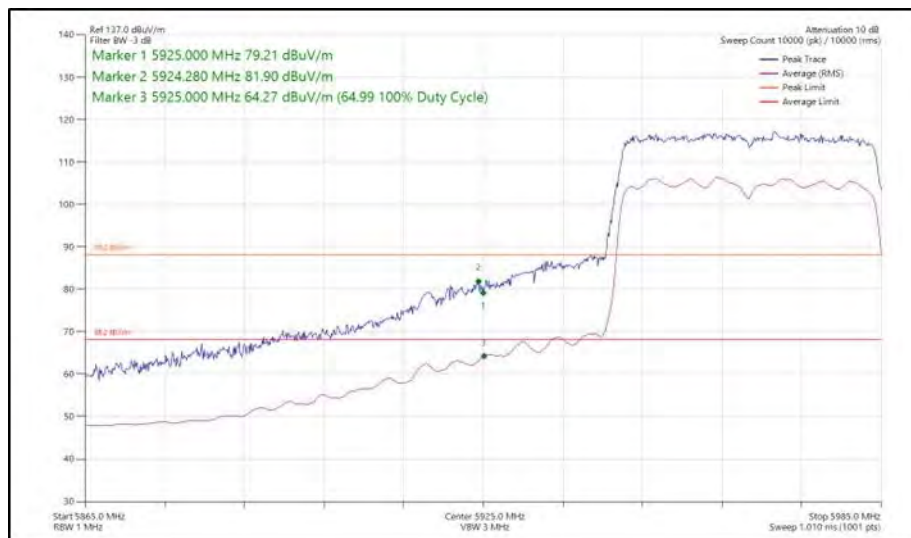


**Figure 147 - 802.11ax HE40, RU 52-44, CDD, Core 0 + Core 1 - 7085 MHz
Band Edge Frequency 7125 MHz**

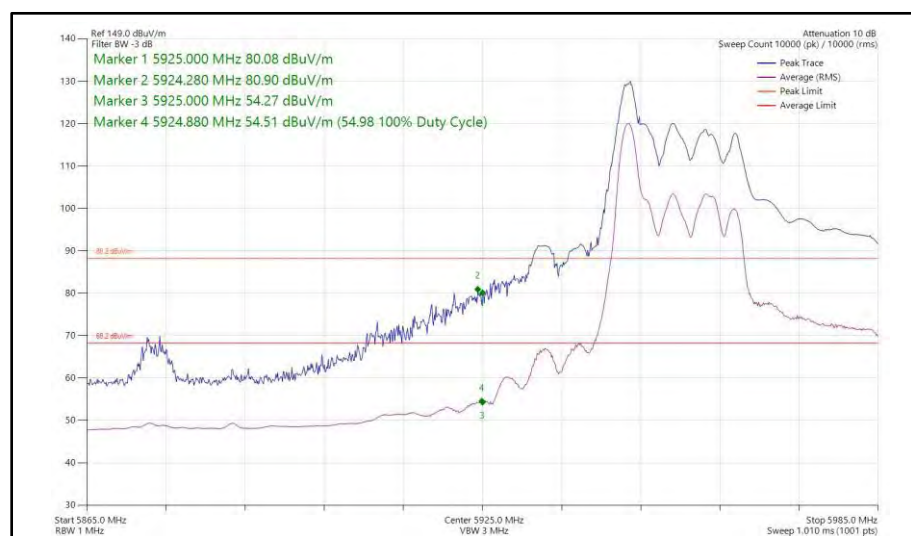
40 MHz Bandwidth - Core 0 + Core 1 (SDM)

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	MCS11x2	SU	-	5965	5925	81.90	64.99
802.11ax HE40	MCS11x2	26	0	5965	5925	80.90	54.98
802.11ax HE40	MCS4x2	SU	-	6005	5925	71.63	56.89
802.11ax HE40	MCS4x2	SU	-	7045	7125	70.57	57.45
802.11ax HE40	MCS4x2	SU	-	7085	7125	80.57	65.24
802.11ax HE40	MCS11x2	52	44	7085	7125	82.11	55.12

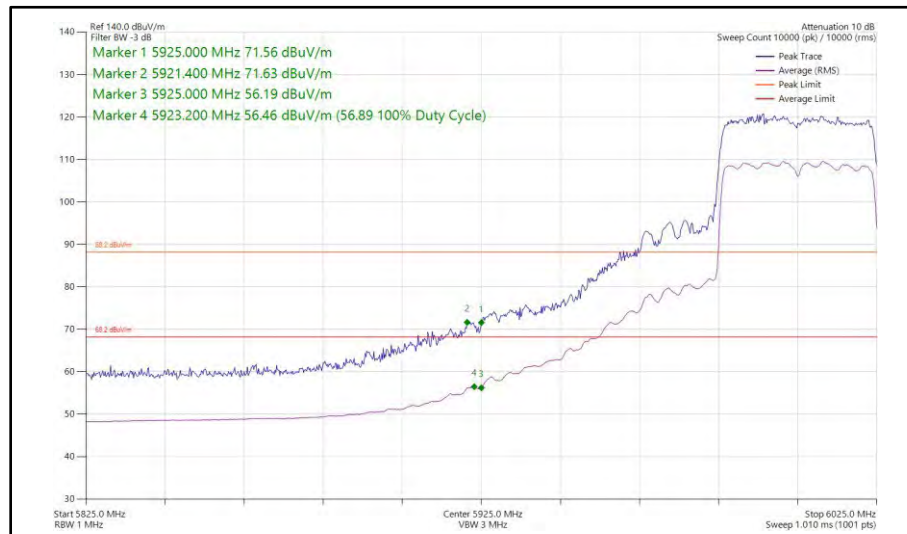
Table 493 - SDM Authorised Band Edge Results



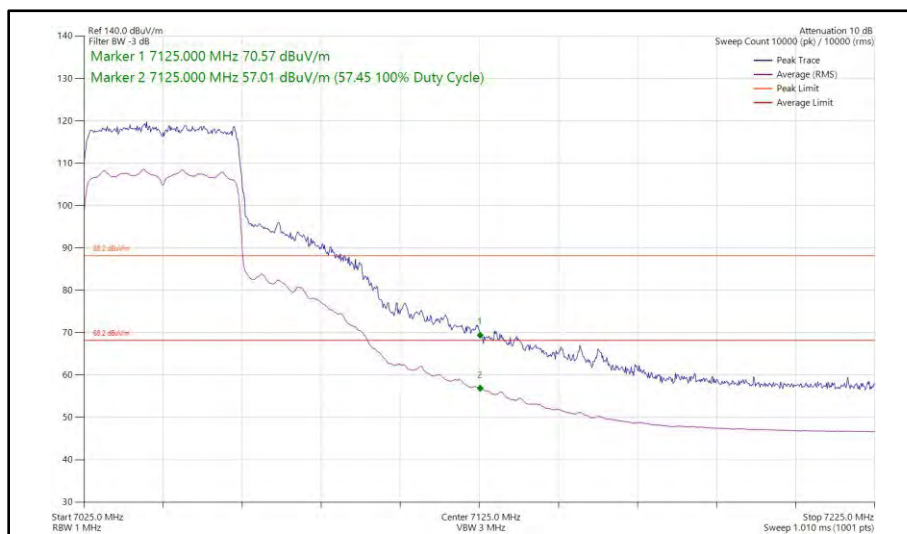
**Figure 148 - 802.11ax HE40, SU, SDM, Core 0 + Core 1 - 5965 MHz
Band Edge Frequency 5925 MHz**



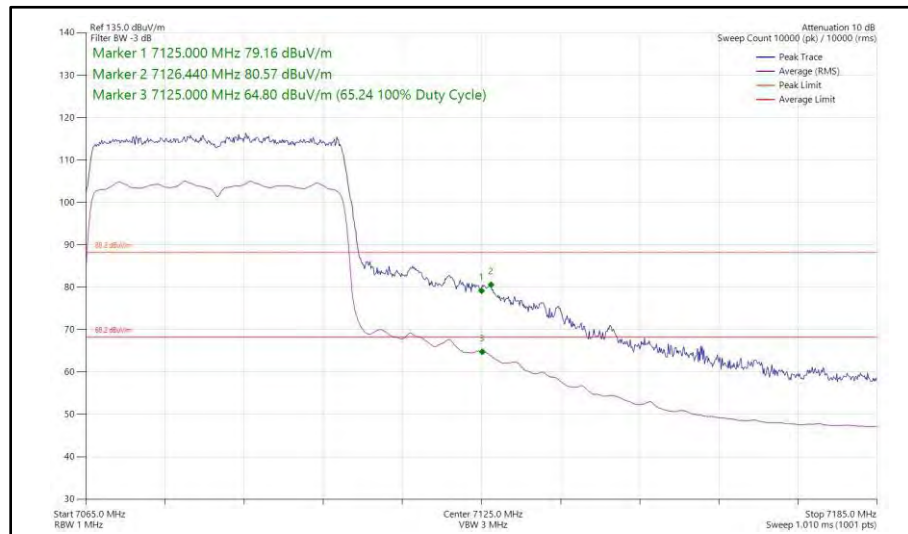
**Figure 149 - 802.11ax HE40, RU 26-0, SDM, Core 0 + Core 1 - 5965 MHz
Band Edge Frequency 5925 MHz**



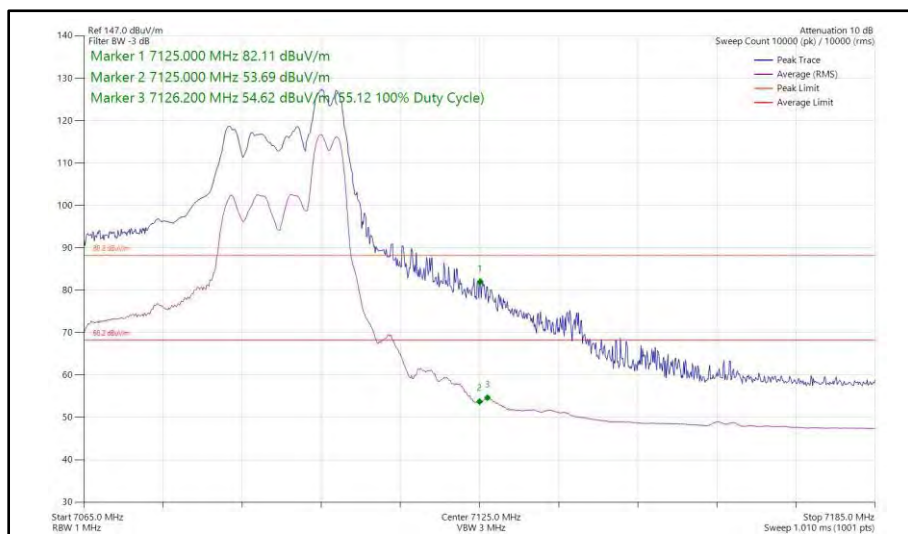
**Figure 150 - 802.11ax HE40, SU, SDM, Core 0 + Core 1 - 6005 MHz
Band Edge Frequency 5925 MHz**



**Figure 151 - 802.11ax HE40, SU, SDM, Core 0 + Core 1 - 7045 MHz
Band Edge Frequency 7125 MHz**



**Figure 152 - 802.11ax HE40, SU, SDM, Core 0 + Core 1 - 7085 MHz
Band Edge Frequency 7125 MHz**

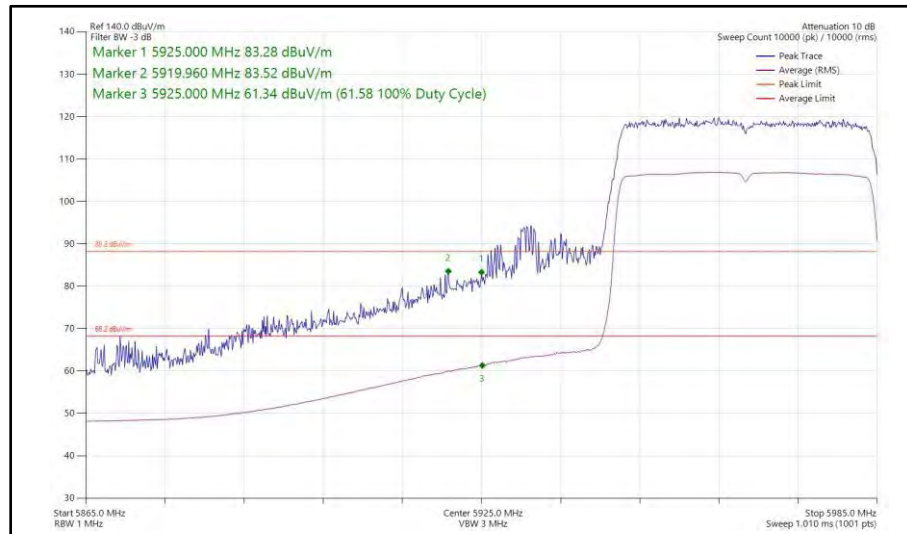


**Figure 153 - 802.11ax HE40, RU 52-44, SDM, Core 0 + Core 1 - 7085 MHz
Band Edge Frequency 7125 MHz**

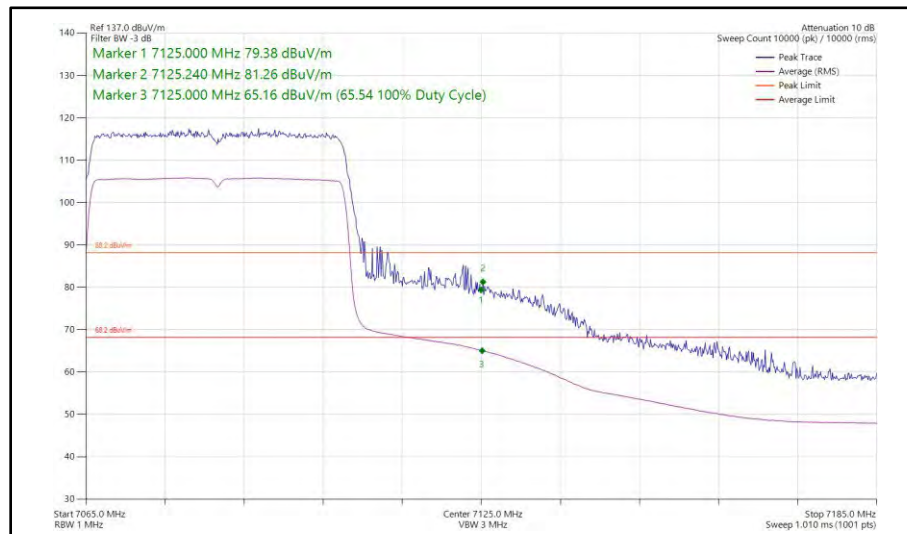
40 MHz Bandwidth - Core 0 + Core 1 (TxBF)

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 HE40	MCS11x1	SU	-	5965	5925	83.52	61.58
802.11ax HE40	MCS2x1	SU	-	7085	7125	81.26	65.54

Table 494 - TxBF Authorised Band Edge Results



**Figure 154 - 802.11ax HE40, SU, TxBF, Core 0 + Core 1 - 5965 MHz
Band Edge Frequency 5925 MHz**

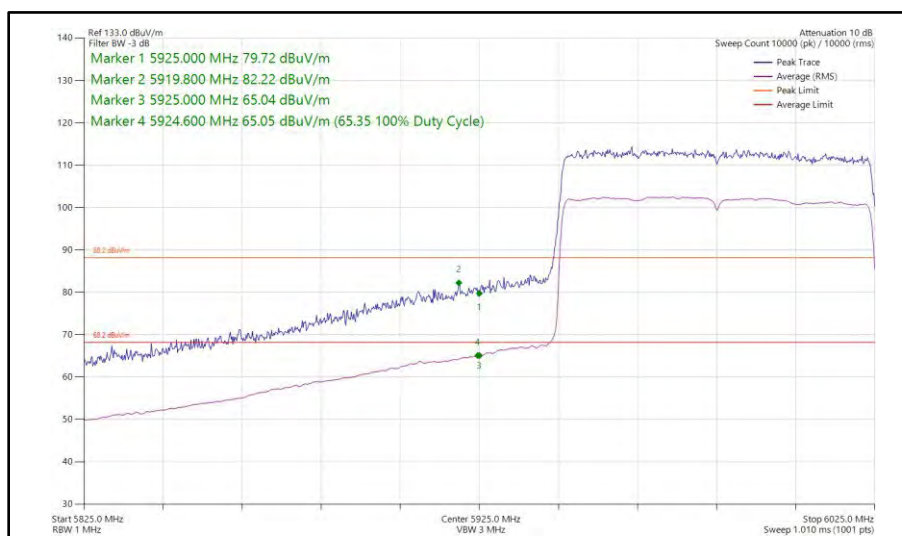


**Figure 155 - 802.11ax HE40, SU, TxBF, Core 0 + Core 1 - 7085 MHz
Band Edge Frequency 7125 MHz**

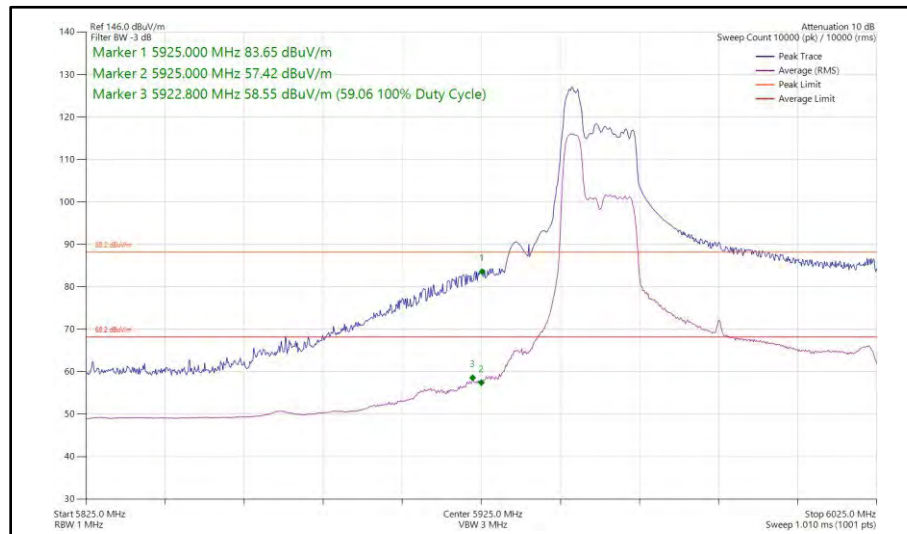
80 MHz Bandwidth - Core 0 (SISO)

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 HE80	MCS4x1	SU	-	5985	5925	82.22	65.35
802.11ax HE80	MCS11x1	52	37	5985	5925	83.65	59.06
802.11ax HE80	MCS4x1	SU	-	6065	5925	69.68	56.40
802.11ax HE80	MCS4x1	SU	-	6945	7125	65.31	50.60
802.11ax HE80	MCS4x1	SU	-	7025	7125	79.68	64.09
802.11ax HE80	MCS11x1	26	0	7025	7125	73.18	55.66

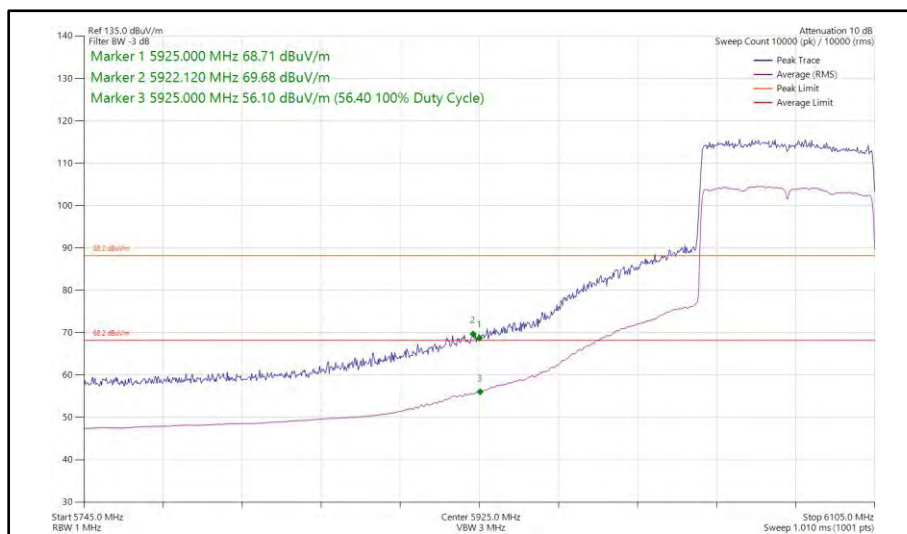
Table 495 - SISO Authorised Band Edge Results



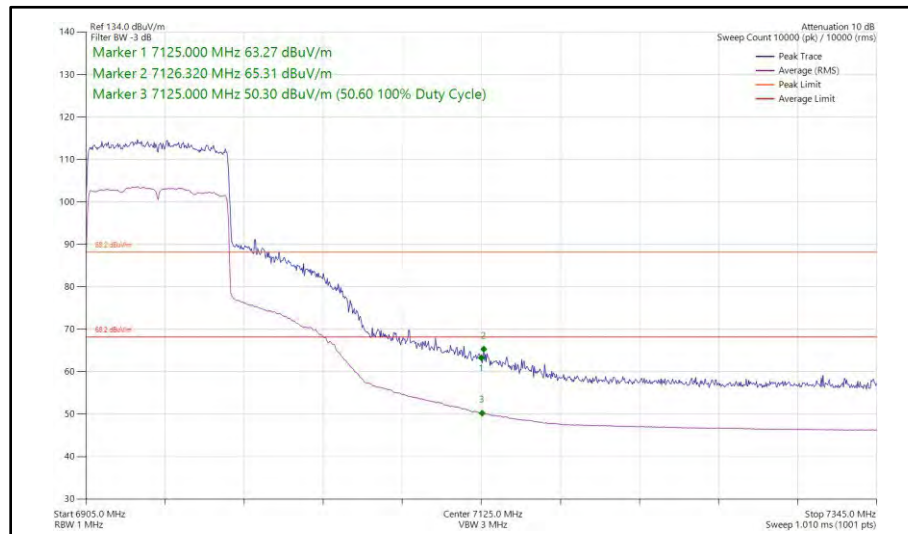
**Figure 156 - 802.11ax HE80, SU, SISO, Core 0 - 5985 MHz
Band Edge Frequency 5925 MHz**



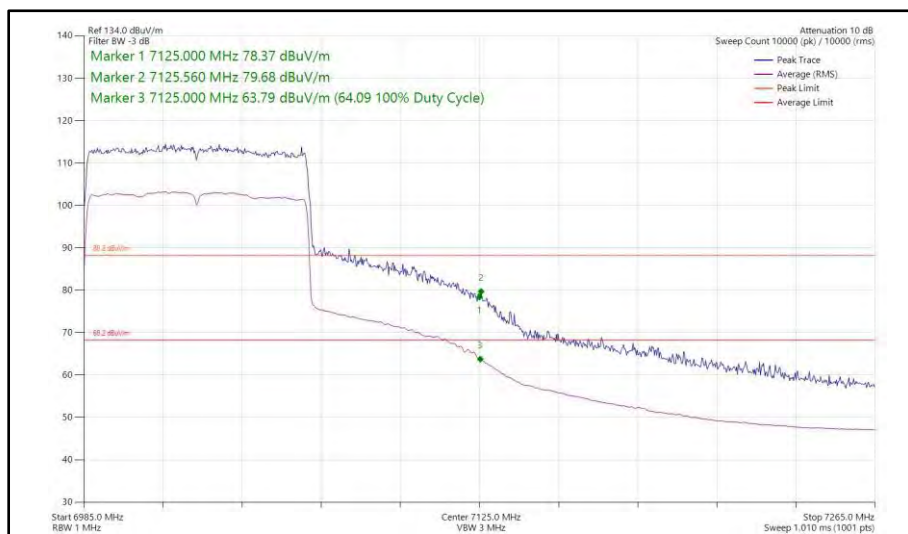
**Figure 157 - 802.11ax HE80, RU 52-37, SISO, Core 0 - 5985 MHz
Band Edge Frequency 5925 MHz**



**Figure 158 - 802.11ax HE80, SU, SISO, Core 0 - 6065 MHz
Band Edge Frequency 5925 MHz**



**Figure 159 - 802.11ax HE80, SU, SISO, Core 0 - 6945 MHz
Band Edge Frequency 7125 MHz**



**Figure 160 - 802.11ax HE80, SU, SISO, Core 0 - 7025 MHz
Band Edge Frequency 7125 MHz**

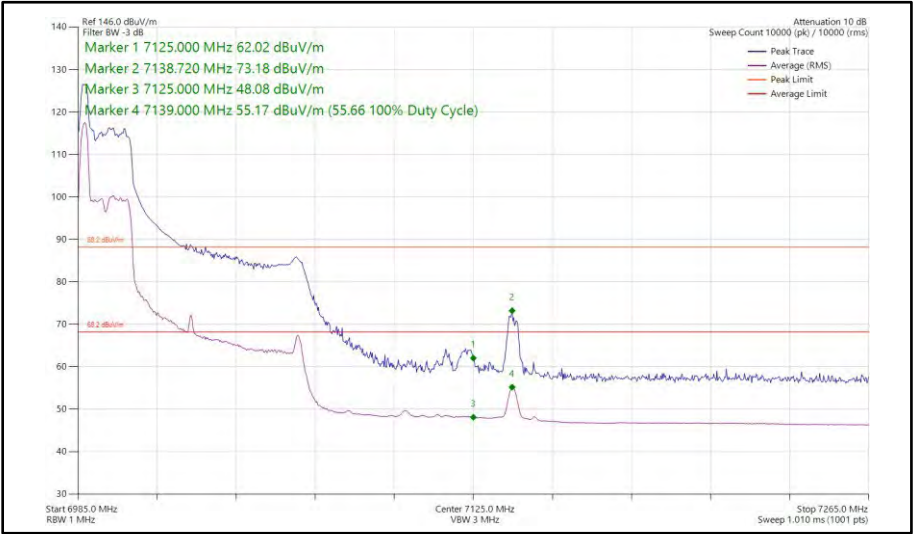
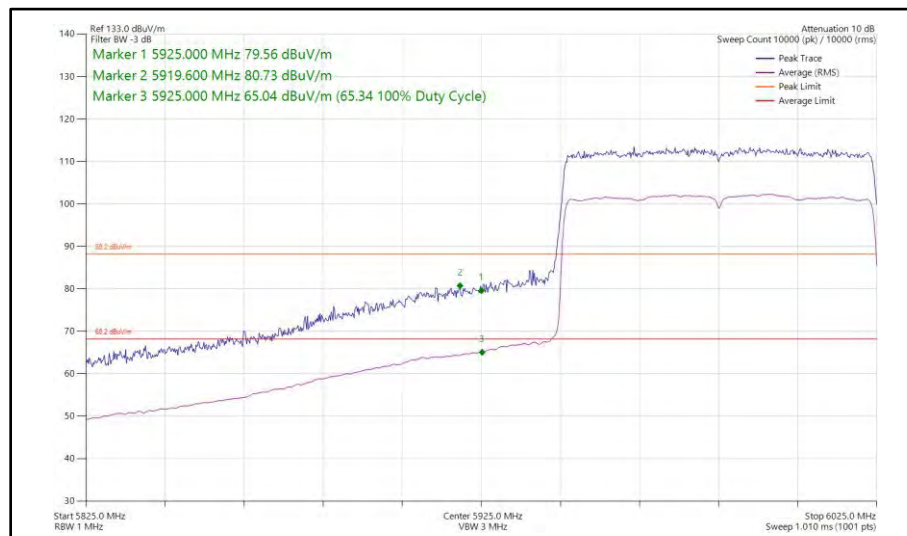


Figure 161 - 802.11ax HE80, RU 26-0, SISO, Core 0 - 7025 MHz
Band Edge Frequency 7125 MHz

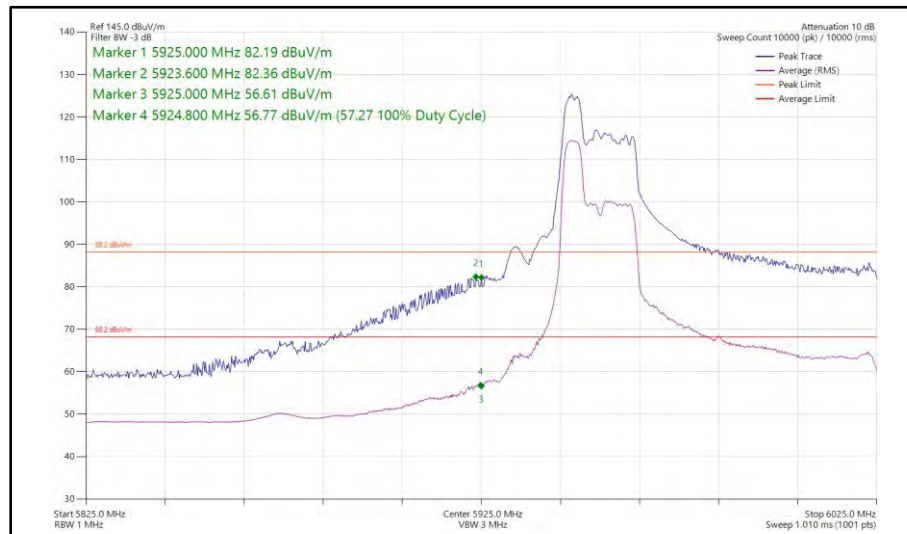
80 MHz Bandwidth - Core 1 (SISO)

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 HE80	MCS4x1	SU	-	5985	5925	80.73	65.34
802.11ax HE80	MCS11x1	52	37	5985	5925	82.36	57.27
802.11ax HE80	MCS4x1	SU	-	6065	5925	68.39	54.75
802.11ax HE80	MCS2x1	SU	-	6945	7125	64.21	51.95
802.11ax HE80	MCS2x1	SU	-	7025	7125	80.58	65.07
802.11ax HE80	MCS11x1	26	0	7025	7125	73.07	55.85

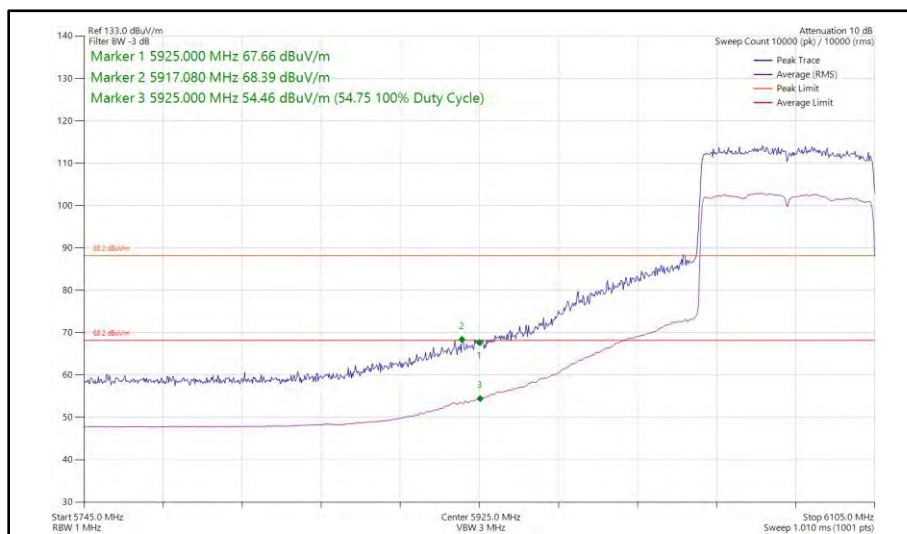
Table 496 - SISO Authorised Band Edge Results



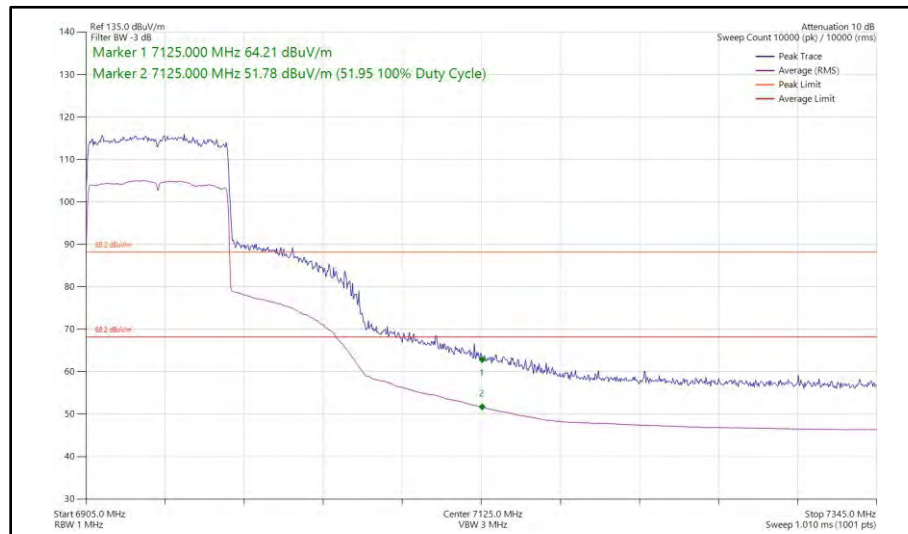
**Figure 162 - 802.11ax HE80, SU, SISO, Core 1 - 5985 MHz
Band Edge Frequency 5925 MHz**



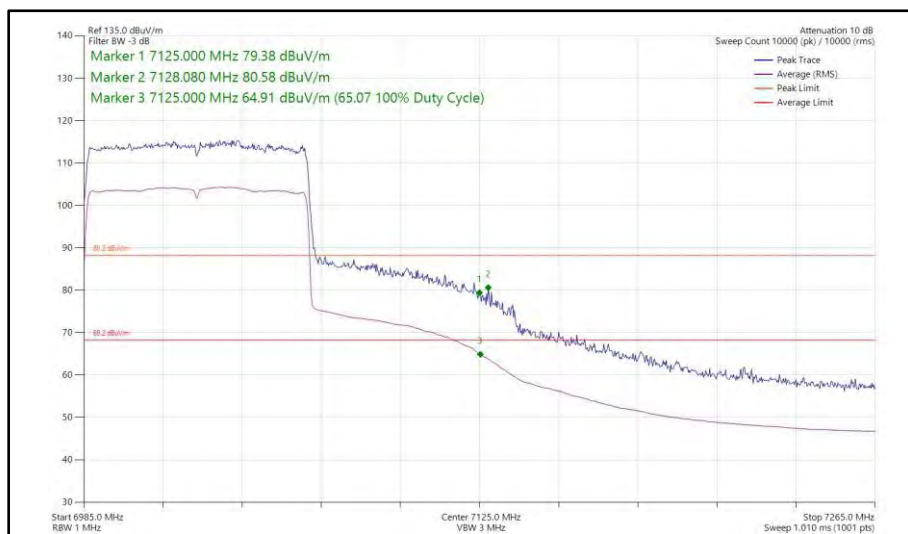
**Figure 163 - 802.11ax HE80, RU 52-37, SISO, Core 1 - 5985 MHz
Band Edge Frequency 5925 MHz**



**Figure 164 - 802.11ax HE80, SU, SISO, Core 1 - 6065 MHz
Band Edge Frequency 5925 MHz**



**Figure 165 - 802.11ax HE80, SU, SISO, Core 1 - 6945 MHz
Band Edge Frequency 7125 MHz**



**Figure 166 - 802.11ax HE80, SU, SISO, Core 1 - 7025 MHz
Band Edge Frequency 7125 MHz**

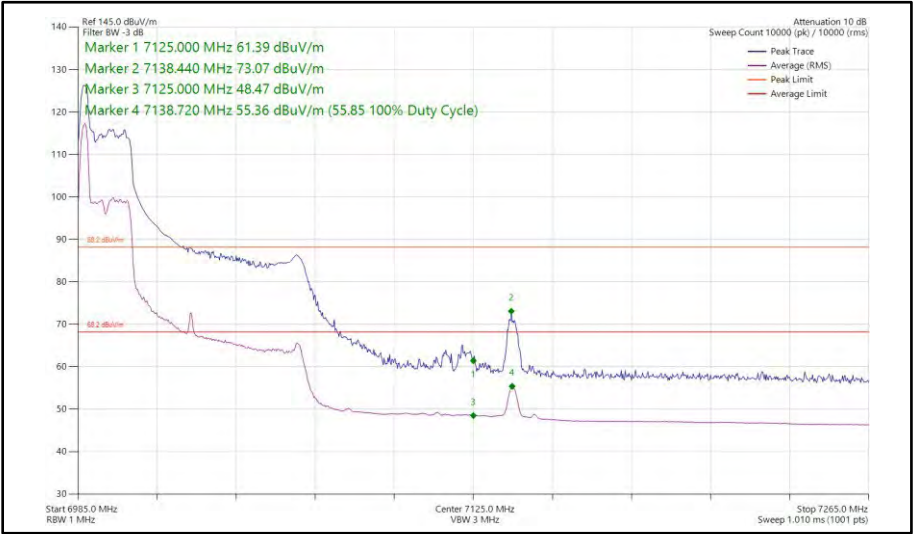


Figure 167 - 802.11ax HE80, RU 26-0, SISO, Core 1 - 7025 MHz
Band Edge Frequency 7125 MHz

80 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 HE80	MCS4x1	SU	-	5985	5925	79.66	65.67
802.11ax HE80	MCS11x1	26	0	5985	5925	82.95	59.50
802.11ax HE80	MCS11x1	SU	-	6065	5925	71.97	58.61
802.11ax HE80	MCS4x1	SU	-	6945	7125	66.15	52.47
802.11ax HE80	MCS2x1	SU	-	7025	7125	79.96	65.57
802.11ax HE80	MCS11x1	26	0	7025	7125	75.07	56.98

Table 497 - CDD Authorised Band Edge Results

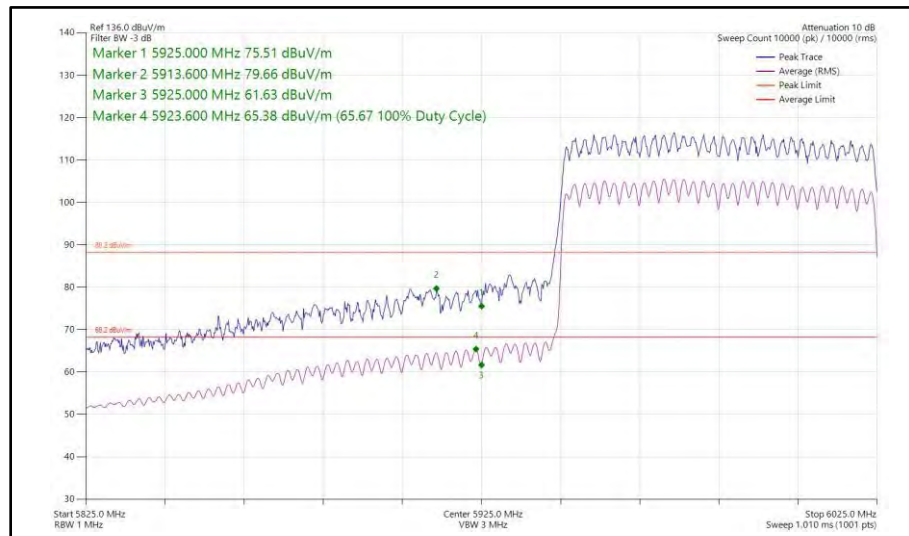


Figure 168 - 802.11ax HE80, SU, CDD, Core 0 + Core 1 - 5985 MHz
Band Edge Frequency 5925 MHz

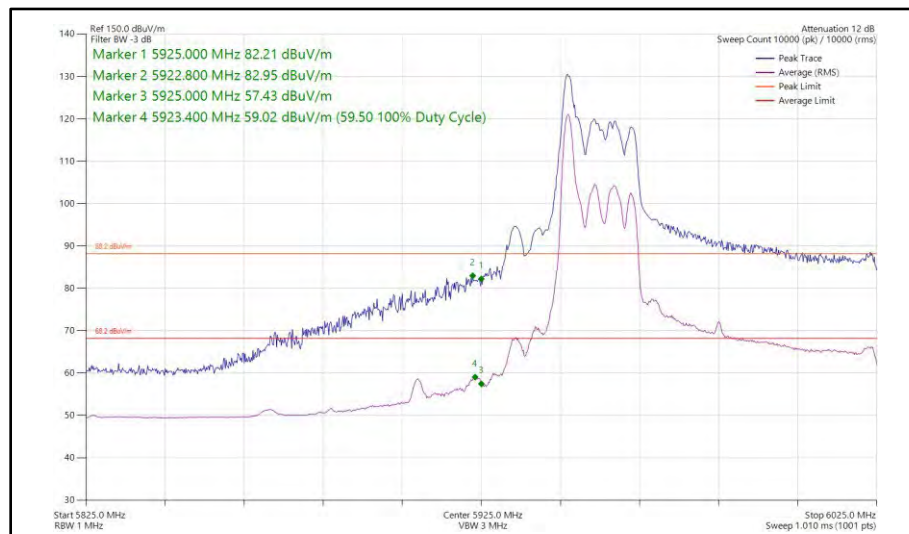
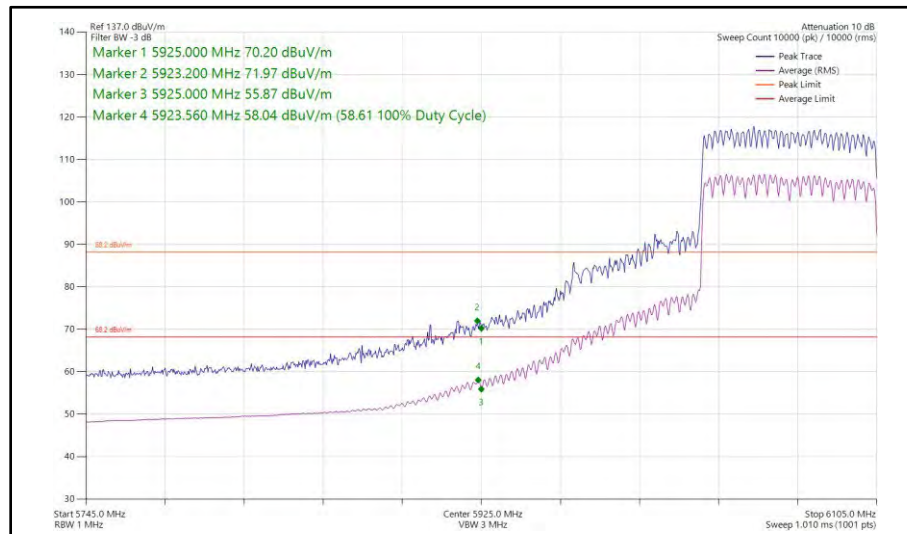
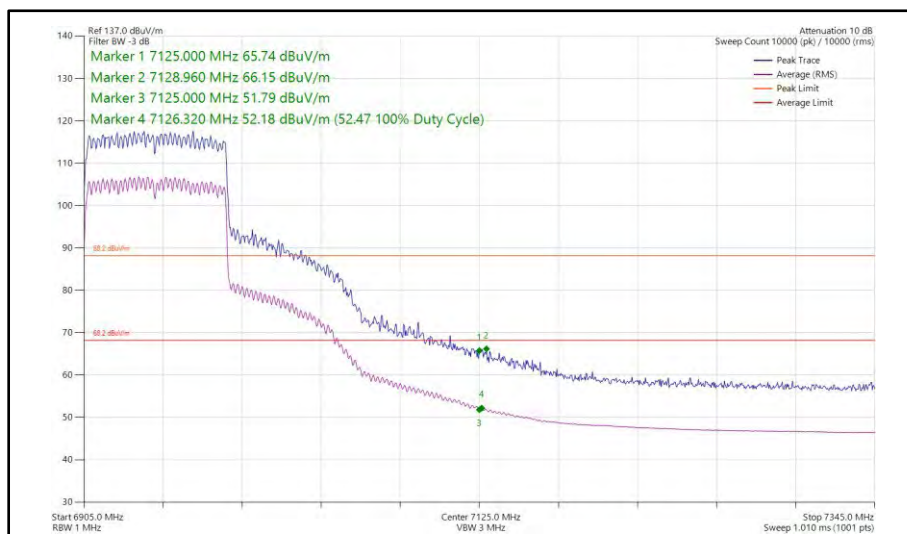


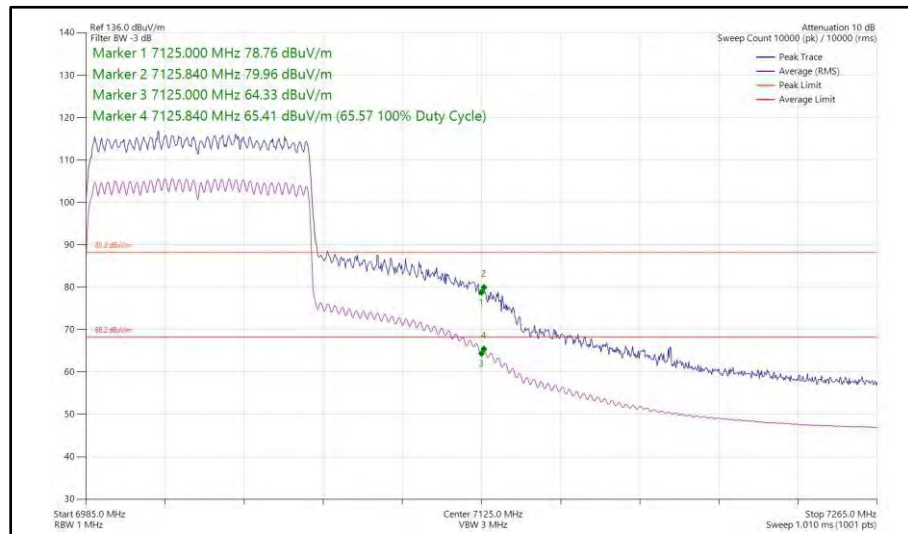
Figure 169 - 802.11ax HE80, RU 26-0, CDD, Core 0 + Core 1 - 5985 MHz
Band Edge Frequency 5925 MHz



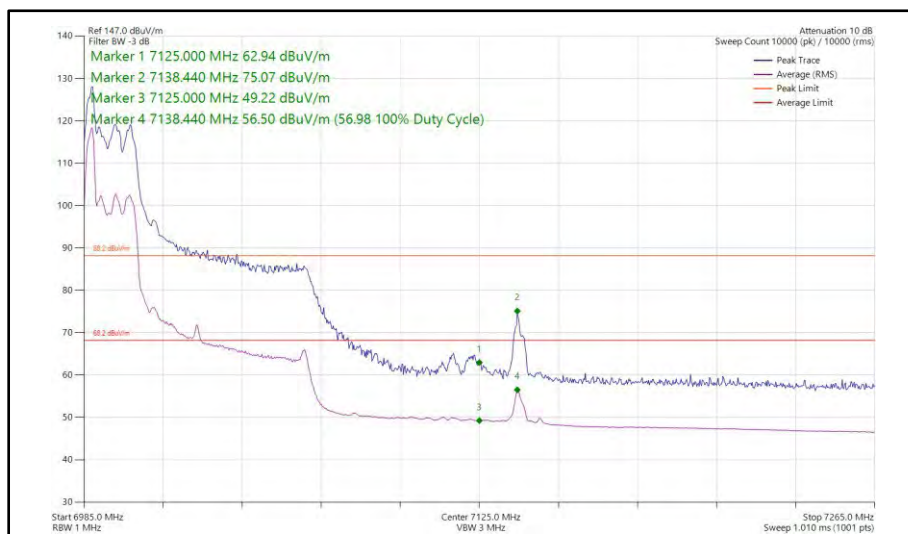
**Figure 170 - 802.11ax HE80, SU, CDD, Core 0 + Core 1 - 6065 MHz
Band Edge Frequency 5925 MHz**



**Figure 171 - 802.11ax HE80, SU, CDD, Core 0 + Core 1 - 6945 MHz
Band Edge Frequency 7125 MHz**



**Figure 172 - 802.11ax HE80, SU, CDD, Core 0 + Core 1 - 7025 MHz
Band Edge Frequency 7125 MHz**

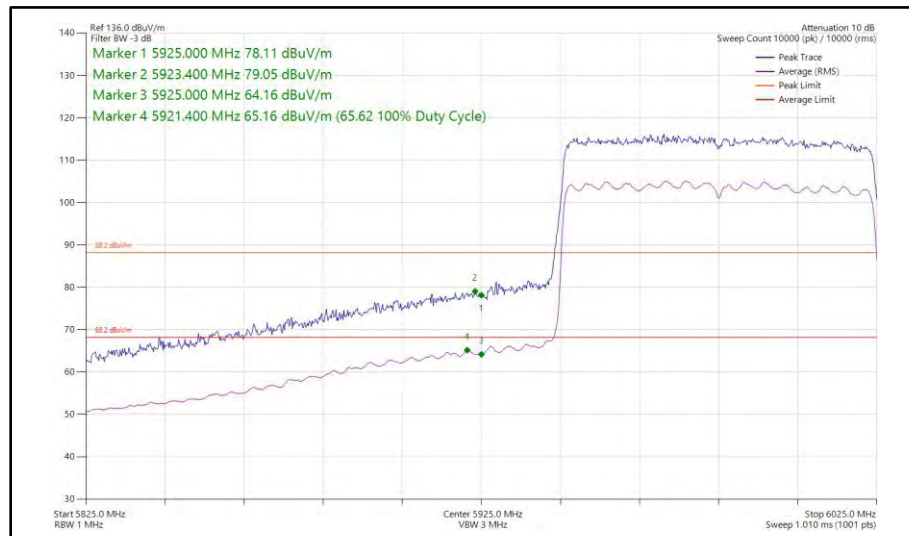


**Figure 173 - 802.11ax HE80, RU 26-0, CDD, Core 0 + Core 1 - 7025 MHz
Band Edge Frequency 7125 MHz**

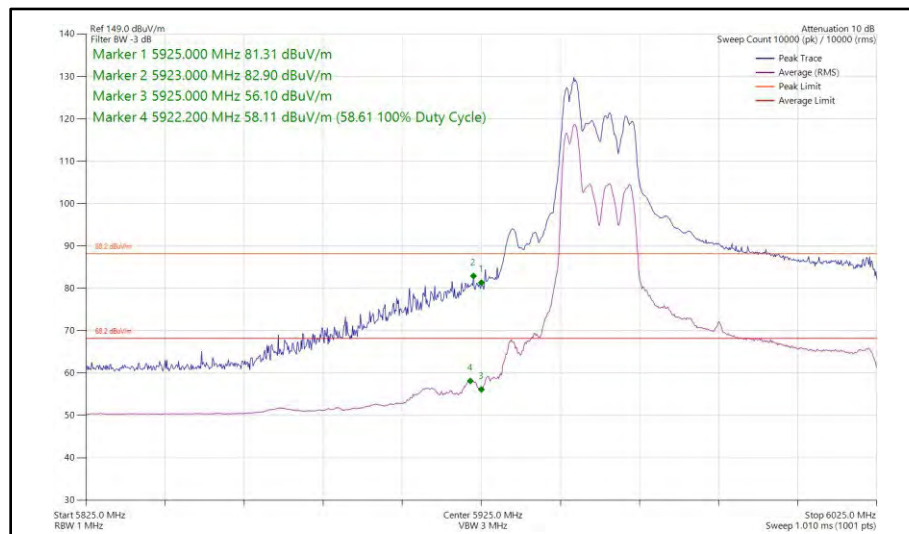
80 MHz Bandwidth - Core 0 + Core 1 (SDM)

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 HE80	MCS4x2	SU	-	5985	5925	79.05	65.62
802.11ax HE80	MCS11x2	52	37	5985	5925	82.90	58.61
802.11ax HE80	MCS11x2	SU	-	6065	5925	70.71	58.20
802.11ax HE80	MCS4x2	SU	-	6945	7125	65.06	51.78
802.11ax HE80	MCS4x2	SU	-	7025	7125	80.56	65.56
802.11ax HE80	MCS11x2	26	0	7025	7125	73.57	56.44

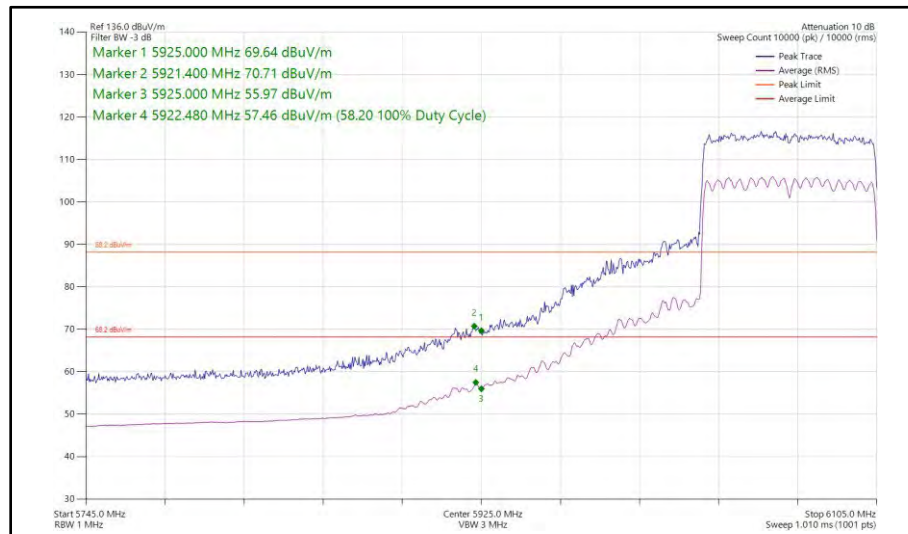
Table 498 - SDM Authorised Band Edge Results



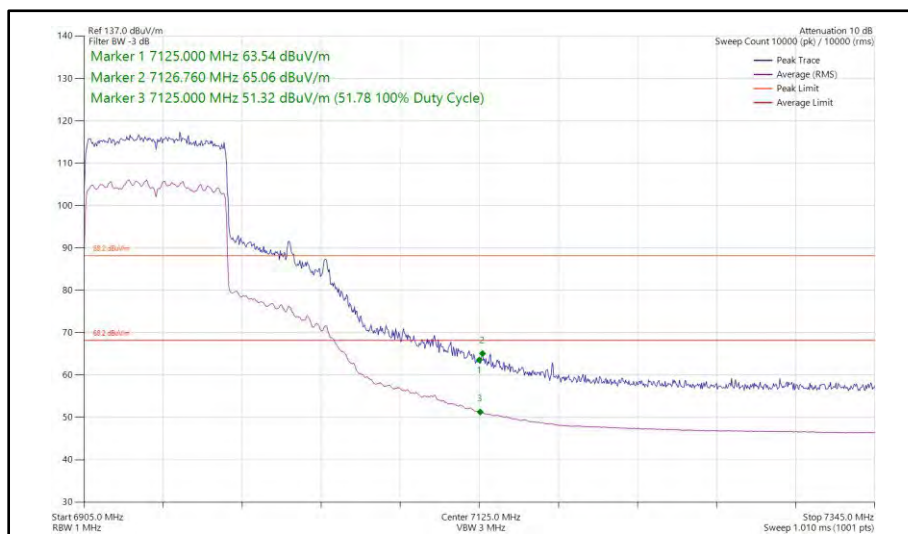
**Figure 174 - 802.11ax HE80, SU, SDM, Core 0 + Core 1 - 5985 MHz
Band Edge Frequency 5925 MHz**



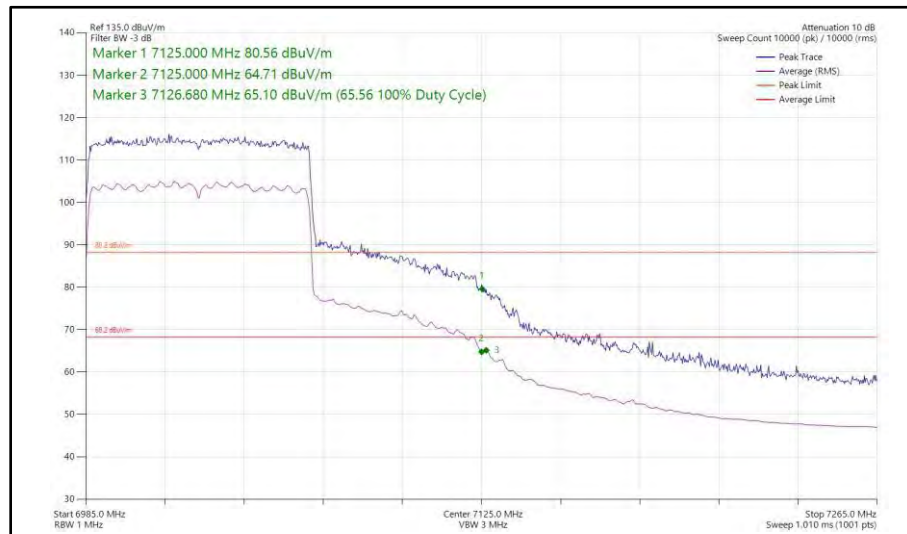
**Figure 175 - 802.11ax HE80, RU 52-37, SDM, Core 0 + Core 1 - 5985 MHz
Band Edge Frequency 5925 MHz**



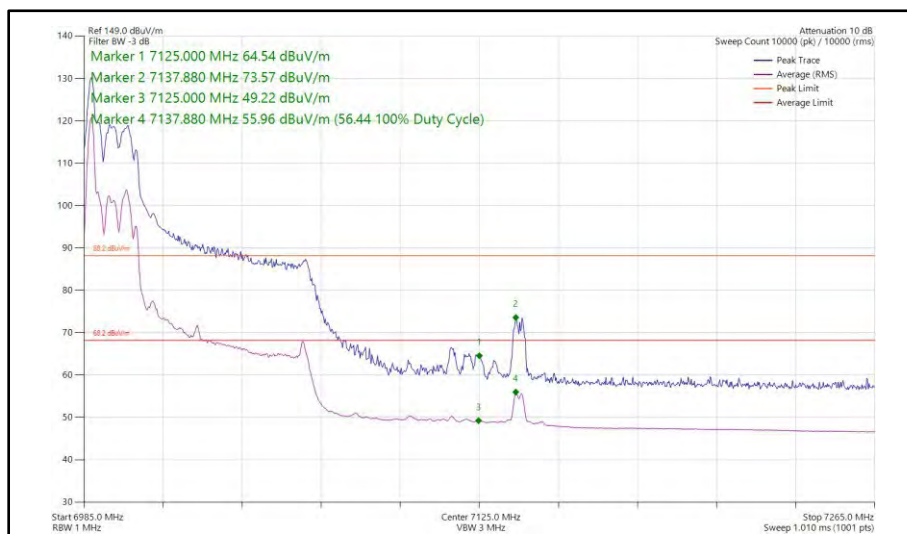
**Figure 176 - 802.11ax HE80, SU, SDM, Core 0 + Core 1 - 6065 MHz
Band Edge Frequency 5925 MHz**



**Figure 177 - 802.11ax HE80, SU, SDM, Core 0 + Core 1 - 6945 MHz
Band Edge Frequency 7125 MHz**



**Figure 178 - 802.11ax HE80, SU, SDM, Core 0 + Core 1 - 7025 MHz
Band Edge Frequency 7125 MHz**

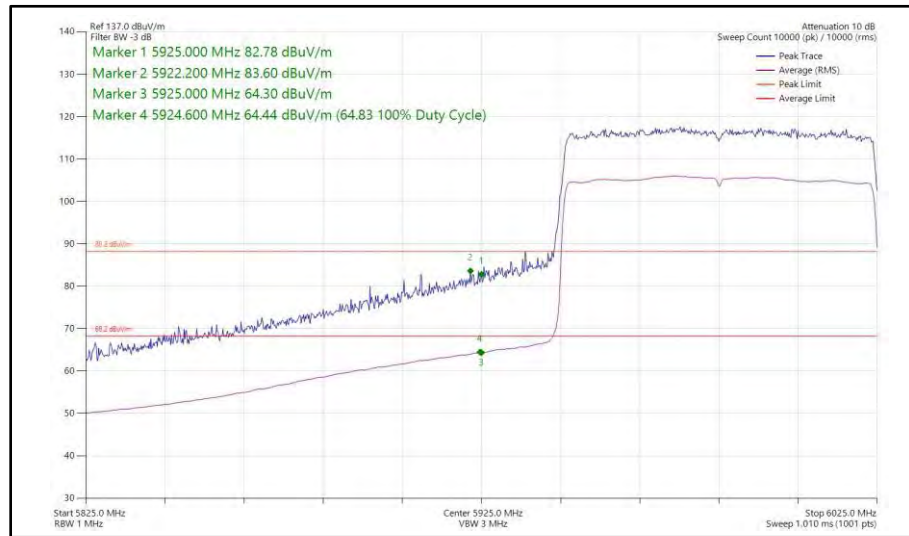


**Figure 179 - 802.11ax HE80, RU 26-0, SDM, Core 0 + Core 1 - 7025 MHz
Band Edge Frequency 7125 MHz**

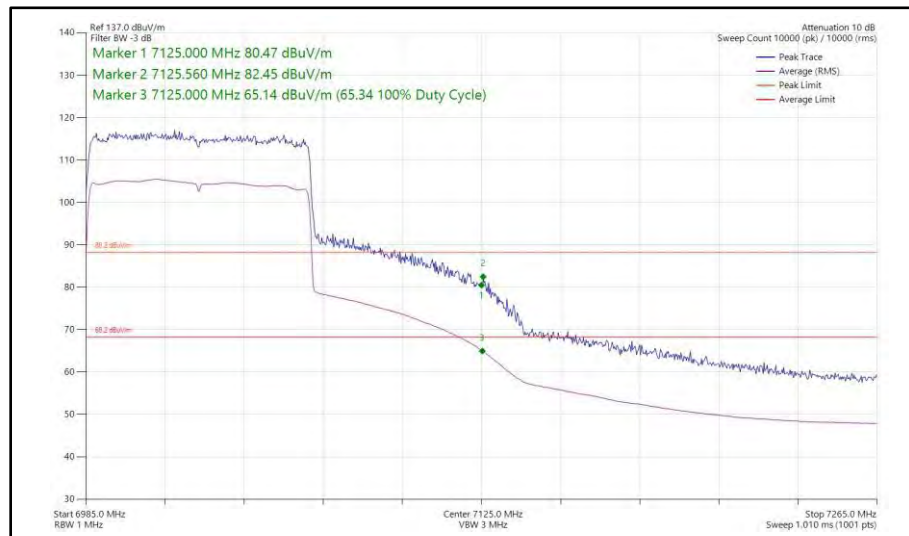
80 MHz Bandwidth - Core 0 + Core 1 (TxBF)

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 HE80	MCS11x1	SU	-	5985	5925	83.60	64.83
802.11ax HE80	MCS4x1	SU	-	7025	7125	82.45	65.34

Table 499 - TxBF Authorised Band Edge Results



**Figure 180 - 802.11ax HE80, SU, TxBF, Core 0 + Core 1 - 5985 MHz
Band Edge Frequency 5925 MHz**

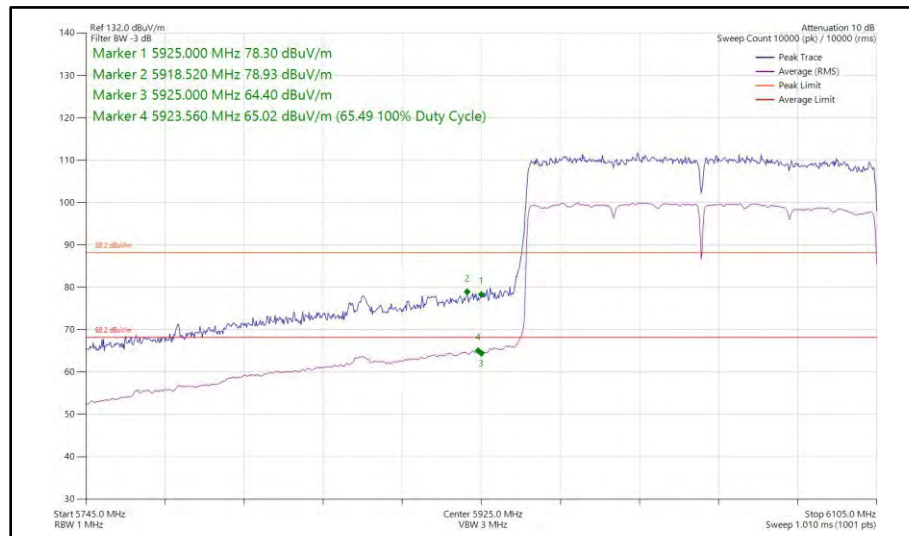


**Figure 181 - 802.11ax HE80, SU, TxBF, Core 0 + Core 1 - 7025 MHz
Band Edge Frequency 7125 MHz**

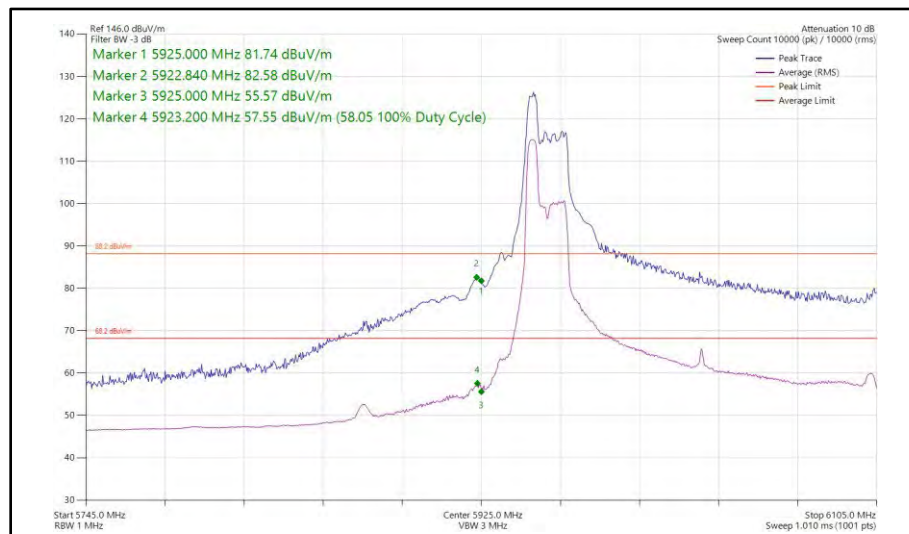
160 MHz Bandwidth - Core 0 (SISO)

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 HE160	MCS4x1	SU	-	6025	5925	78.93	65.49
802.11ax HE160	MCS11x1	52	37	6025	5925	82.58	58.05
802.11ax HE160	MCS4x1	SU	-	6185	5925	69.12	56.01
802.11ax HE160	MCS11x1	SU	-	6825	7125	68.40	54.40
802.11ax HE160	MCS11x1	SU	-	6985	7125	80.71	65.34
802.11ax HE160	MCS11x1	26	36	6985	7125	76.60	59.16

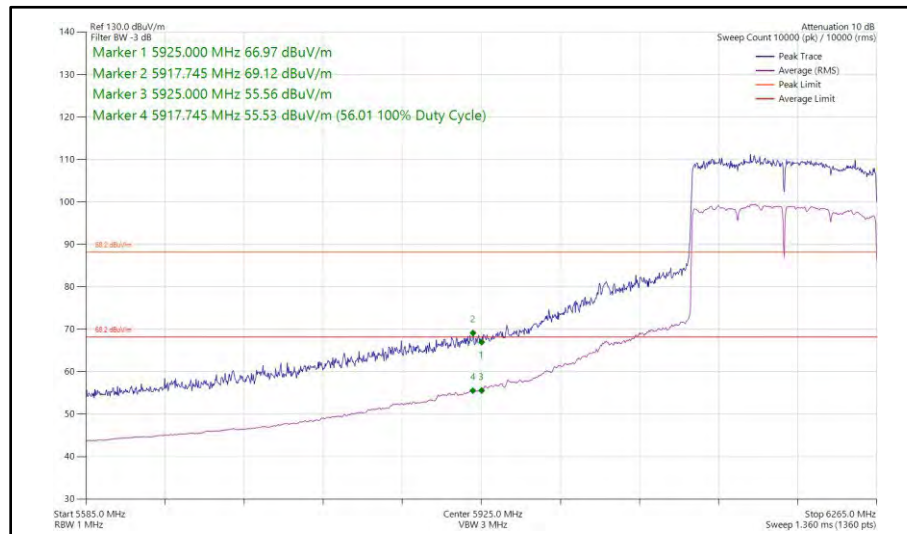
Table 500 - SISO Authorised Band Edge Results



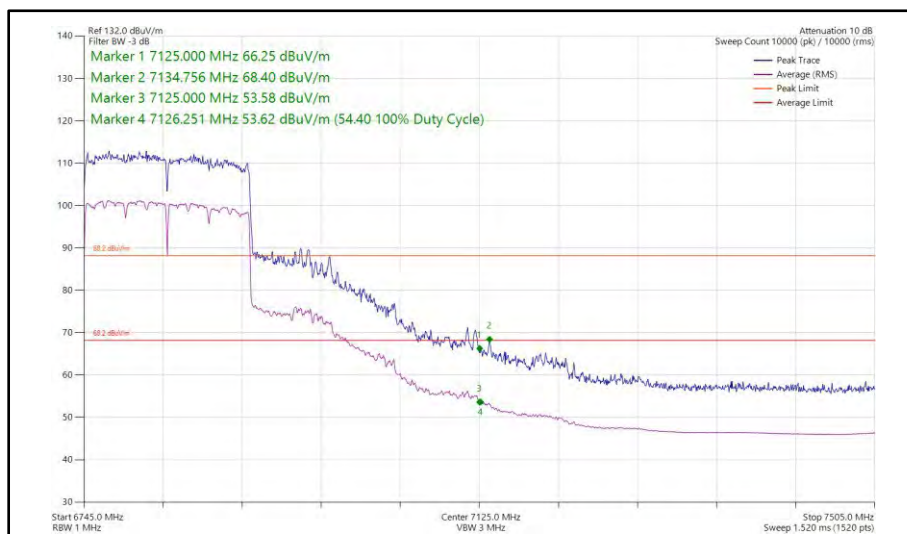
**Figure 182 - 802.11ax HE160, SU, SISO, Core 0 - 6025 MHz
Band Edge Frequency 5925 MHz**



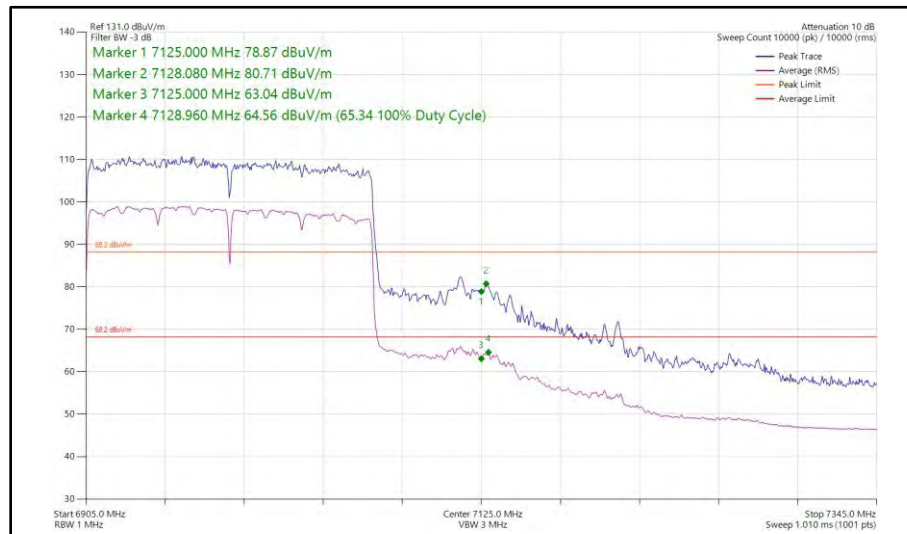
**Figure 183 - 802.11ax HE160, RU 52-37, SISO, Core 0 - 6025 MHz
Band Edge Frequency 5925 MHz**



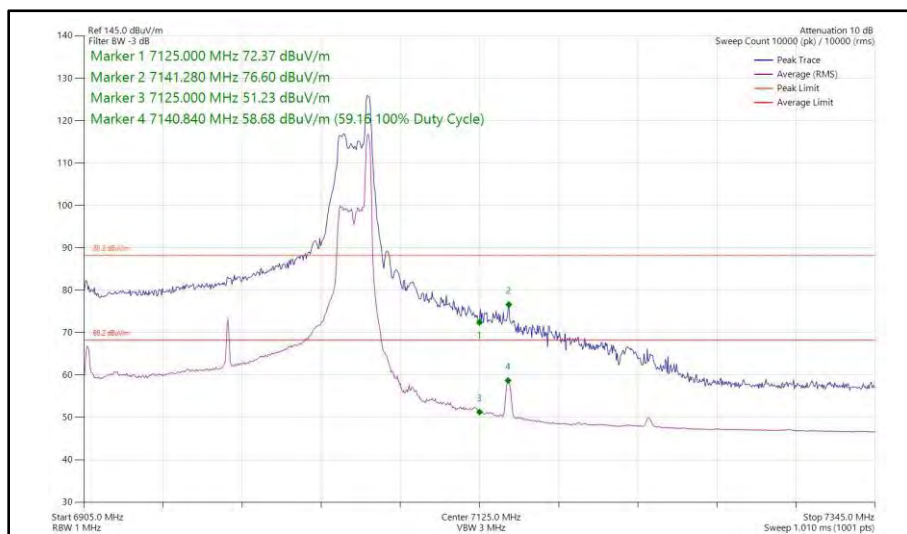
**Figure 184 - 802.11ax HE160, SU, SISO, Core 0 - 6185 MHz
Band Edge Frequency 5925 MHz**



**Figure 185 - 802.11ax HE160, SU, SISO, Core 0 - 6825 MHz
Band Edge Frequency 7125 MHz**



**Figure 186 - 802.11ax HE160, SU, SISO, Core 0 - 6985 MHz
Band Edge Frequency 7125 MHz**

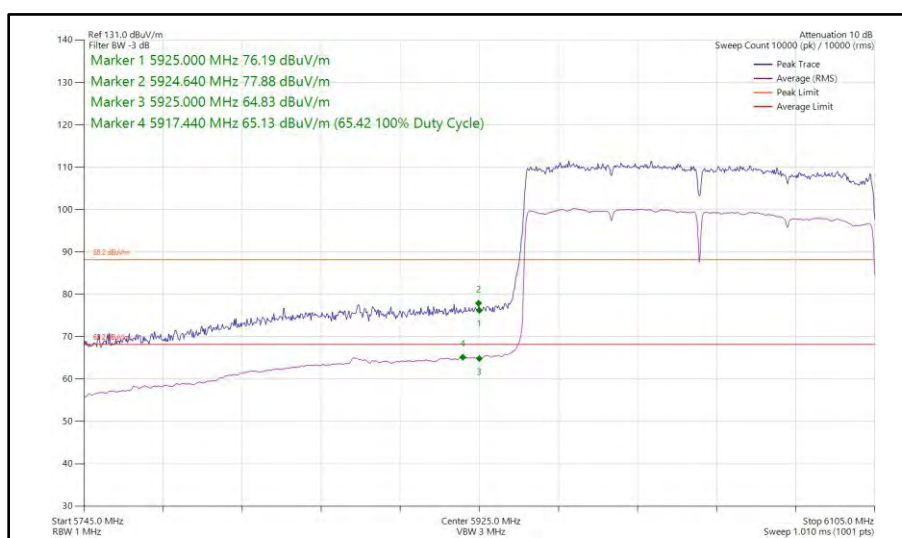


**Figure 187 - 802.11ax HE160, RU 26-36, SISO, Core 0 - 6985 MHz
Band Edge Frequency 7125 MHz**

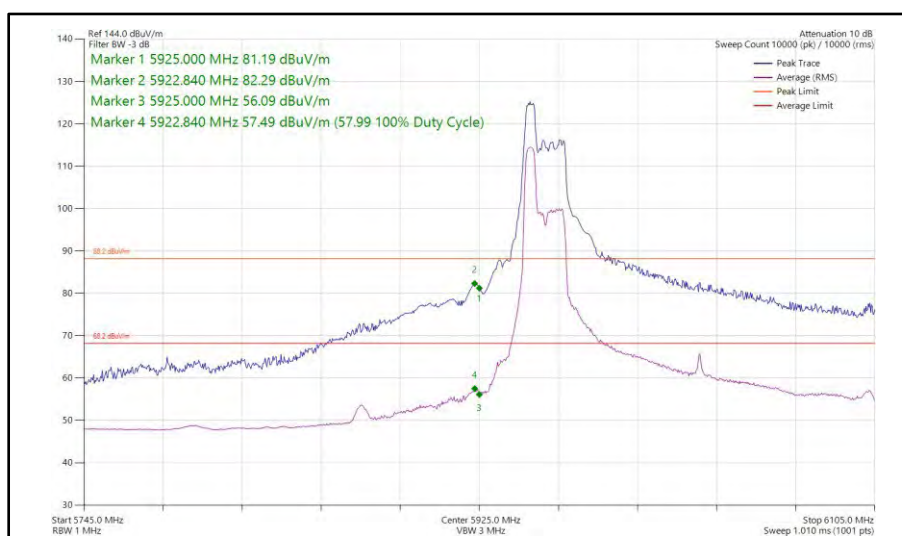
160 MHz Bandwidth - Core 1 (SISO)

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 HE160	MCS2x1	SU	-	6025	5925	77.88	65.42
802.11ax HE160	MCS11x1	52	37	6025	5925	82.29	57.99
802.11ax HE160	MCS11x1	SU	-	6185	5925	67.59	55.05
802.11ax HE160	MCS4x1	SU	-	6825	7125	67.53	54.53
802.11ax HE160	MCS11x1	SU	-	6985	7125	80.28	65.36
802.11ax HE160	MCS11x1	26	36	6985	7125	74.39	59.06

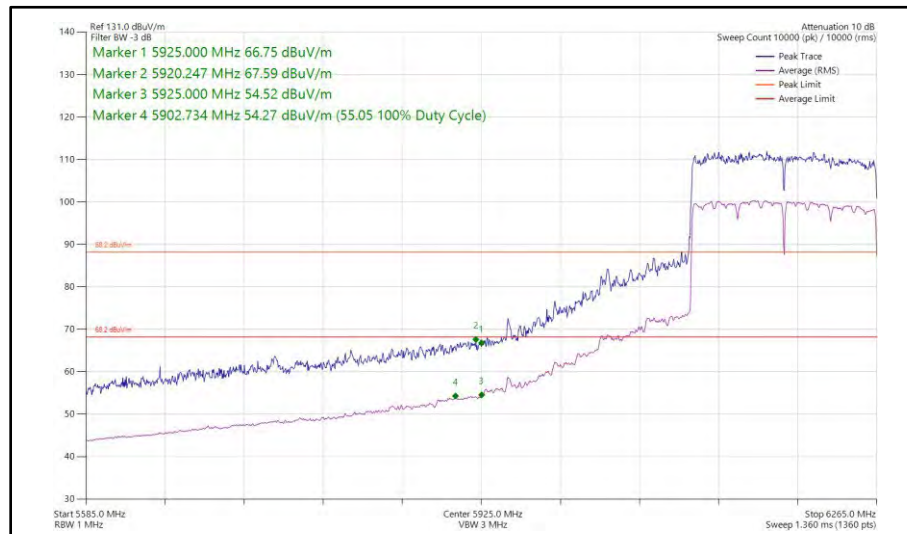
Table 501 - SISO Authorised Band Edge Results



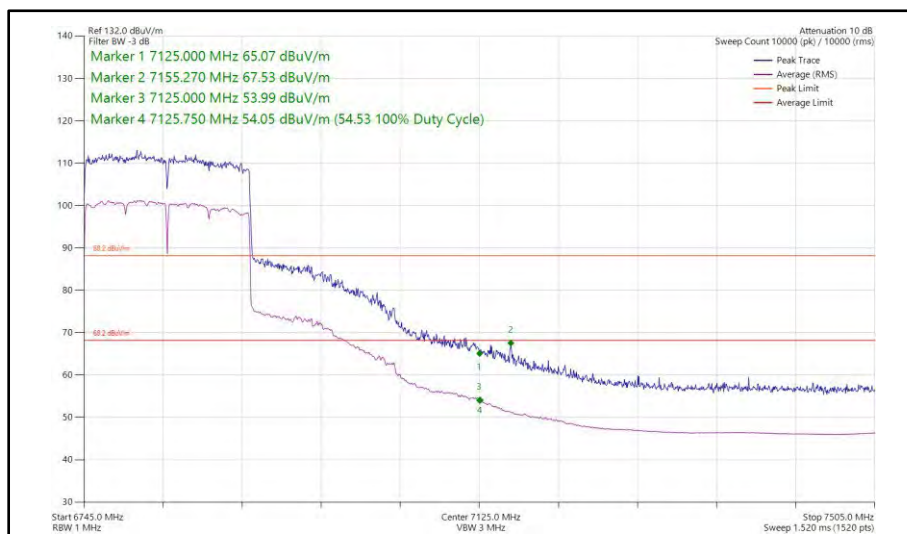
**Figure 188 - 802.11ax HE160, SU, SISO, Core 1 - 6025 MHz
Band Edge Frequency 5925 MHz**



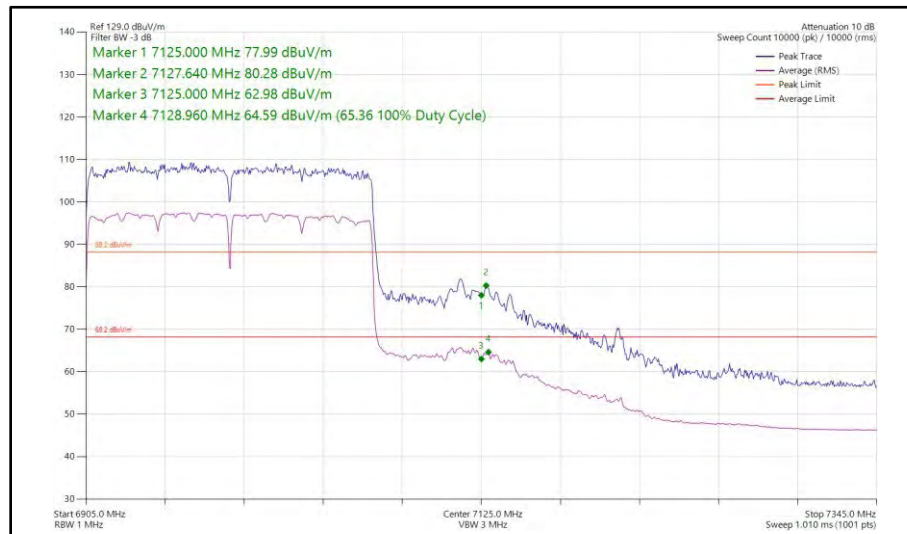
**Figure 189 - 802.11ax HE160, RU 52-37, SISO, Core 1 - 6025 MHz
Band Edge Frequency 5925 MHz**



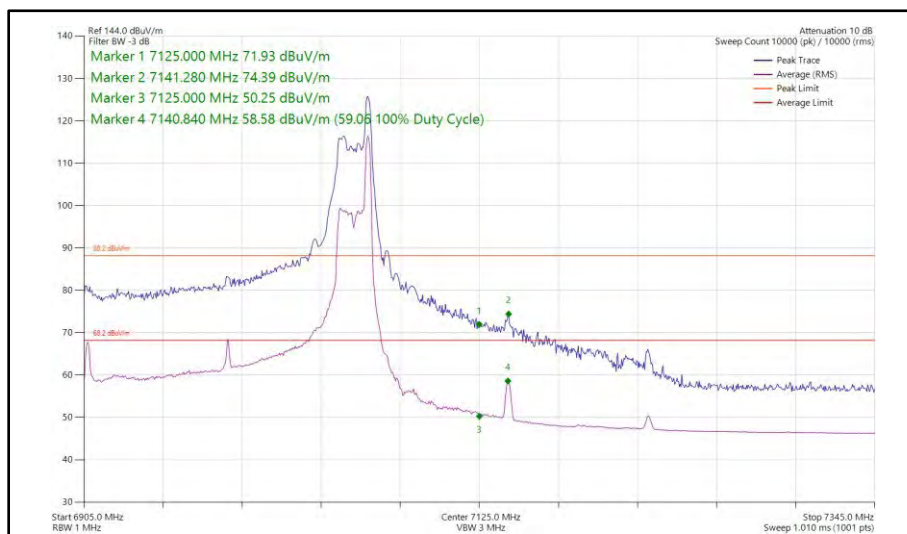
**Figure 190 - 802.11ax HE160, SU, SISO, Core 1 - 6185 MHz
Band Edge Frequency 5925 MHz**



**Figure 191 - 802.11ax HE160, SU, SISO, Core 1 - 6825 MHz
Band Edge Frequency 7125 MHz**



**Figure 192 - 802.11ax HE160, SU, SISO, Core 1 - 6985 MHz
Band Edge Frequency 7125 MHz**

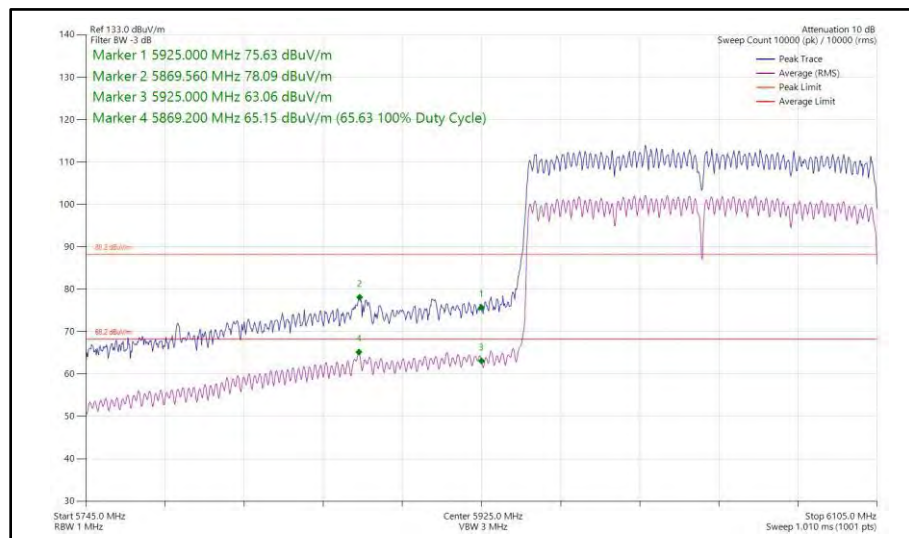


**Figure 193 - 802.11ax HE160, RU 26-36, SISO, Core 1 - 6985 MHz
Band Edge Frequency 7125 MHz**

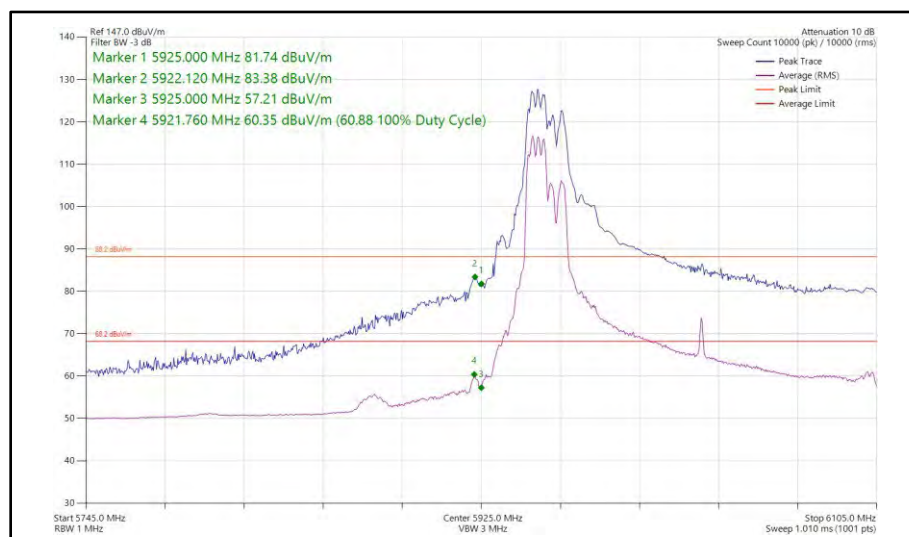
160 MHz Bandwidth - Core 0 + Core 1 (CDD)

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 HE160	MCS4x1	SU	-	6025	5925	78.09	65.63
802.11ax HE160	MCS11x1	106	53	6025	5925	83.38	60.88
802.11ax HE160	MCS2x1	SU	-	6185	5925	72.38	60.16
802.11ax HE160	MCS11x1	SU	-	6825	7125	70.27	56.53
802.11ax HE160	MCS11x1	SU	-	6985	7125	80.74	65.67
802.11ax HE160	MCS11x1	26	36	6985	7125	75.53	60.68

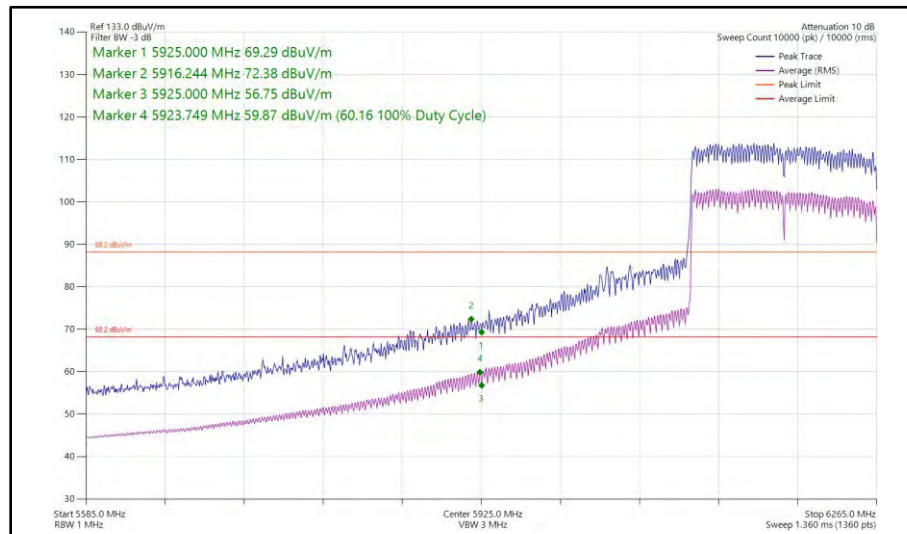
Table 502 - CDD Authorised Band Edge Results



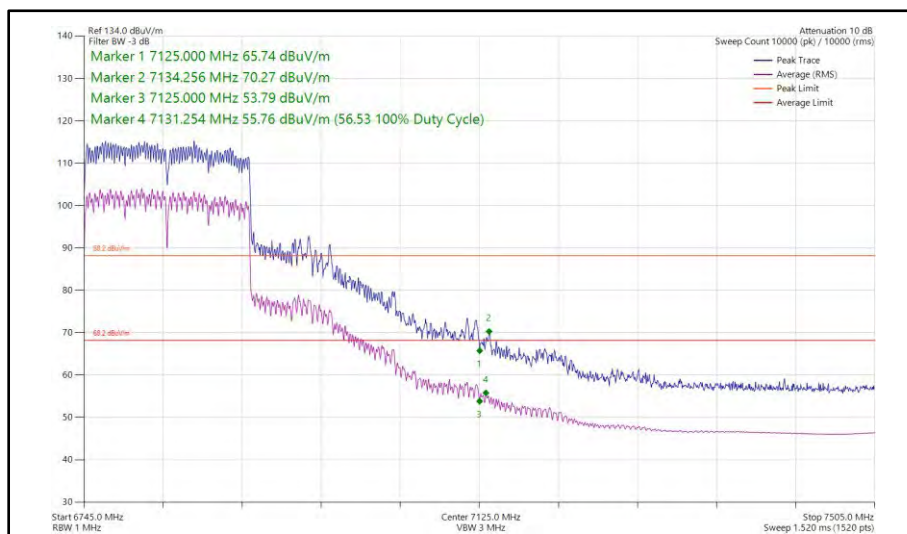
**Figure 194 - 802.11ax HE160, SU, CDD, Core 0 + Core 1 - 6025 MHz
Band Edge Frequency 5925 MHz**



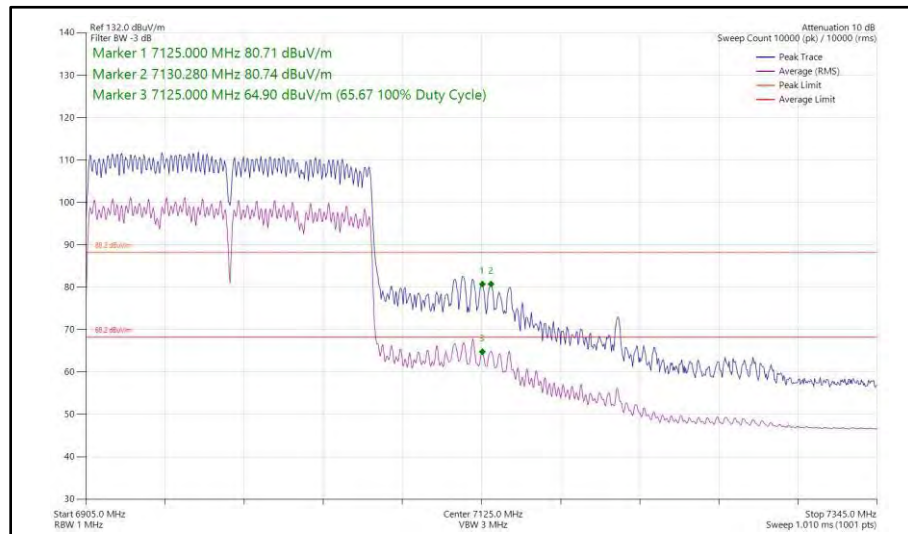
**Figure 195 - 802.11ax HE160, RU 106-53, CDD, Core 0 + Core 1 - 6025 MHz
Band Edge Frequency 5925 MHz**



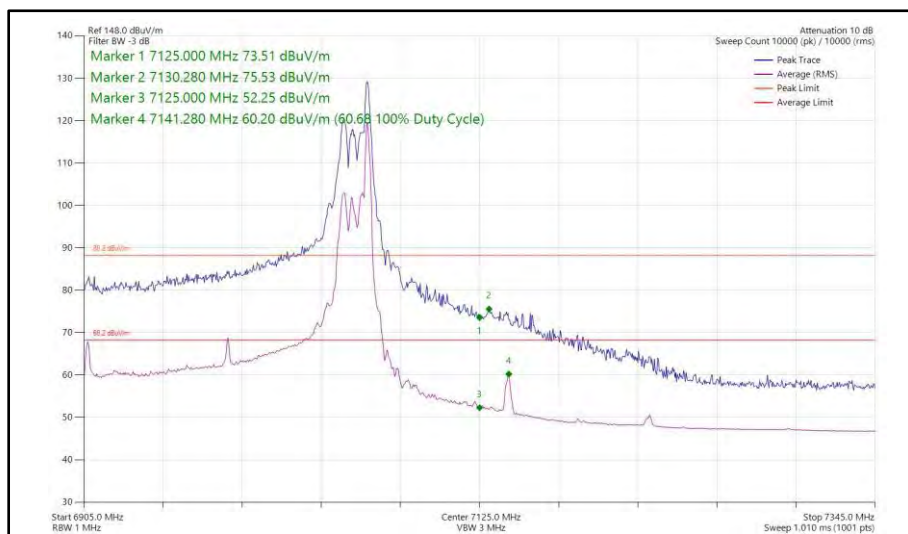
**Figure 196 - 802.11ax HE160, SU, CDD, Core 0 + Core 1 - 6185 MHz
Band Edge Frequency 5925 MHz**



**Figure 197 - 802.11ax HE160, SU, CDD, Core 0 + Core 1 - 6825 MHz
Band Edge Frequency 7125 MHz**



**Figure 198 - 802.11ax HE160, SU, CDD, Core 0 + Core 1 - 6985 MHz
Band Edge Frequency 7125 MHz**



**Figure 199 - 802.11ax HE160, RU 26-36, CDD, Core 0 + Core 1 - 6985 MHz
Band Edge Frequency 7125 MHz**

160 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 HE160	MCS2x2	SU	-	6025	5925	76.68	65.30
802.11ax HE160	MCS11x2	106	53	6025	5925	82.67	59.97
802.11ax HE160	MCS11x2	SU	-	6185	5925	71.26	59.30
802.11ax HE160	MCS4x2	SU	-	6825	7125	69.24	56.91
802.11ax HE160	MCS11x2	SU	-	6985	7125	79.44	65.64
802.11ax HE160	MCS11x2	52	52	6985	7125	74.48	60.09

Table 503 - SDM Authorised Band Edge Results

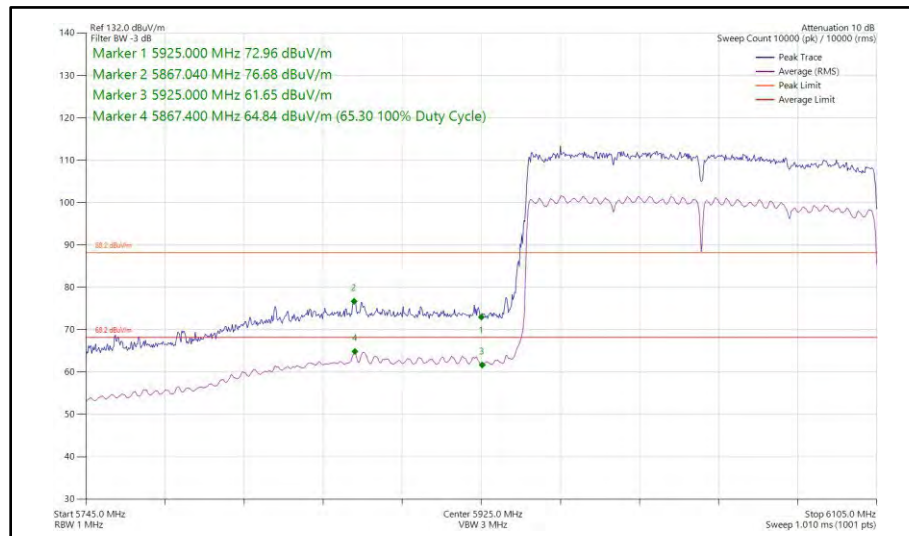


Figure 200 - 802.11ax HE160, SU, SDM, Core 0 + Core 1 - 6025 MHz Band Edge Frequency 5925 MHz

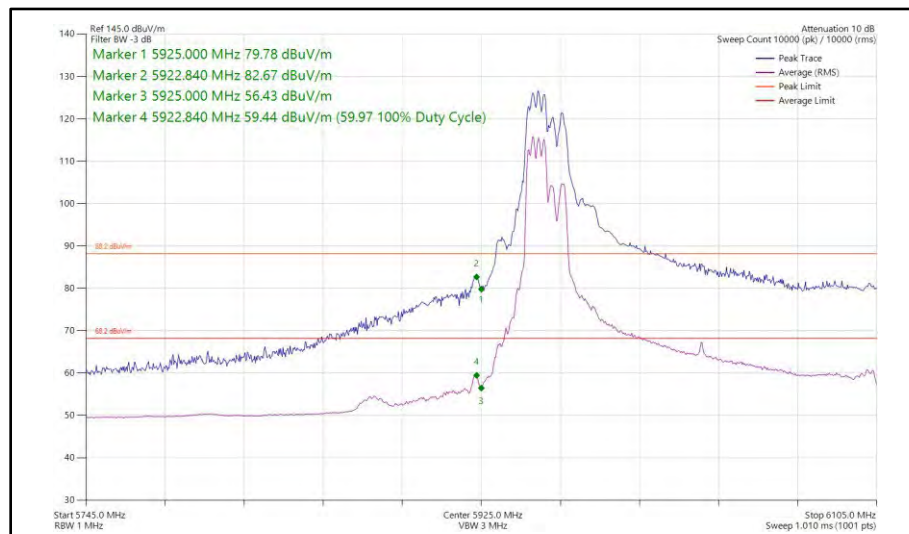
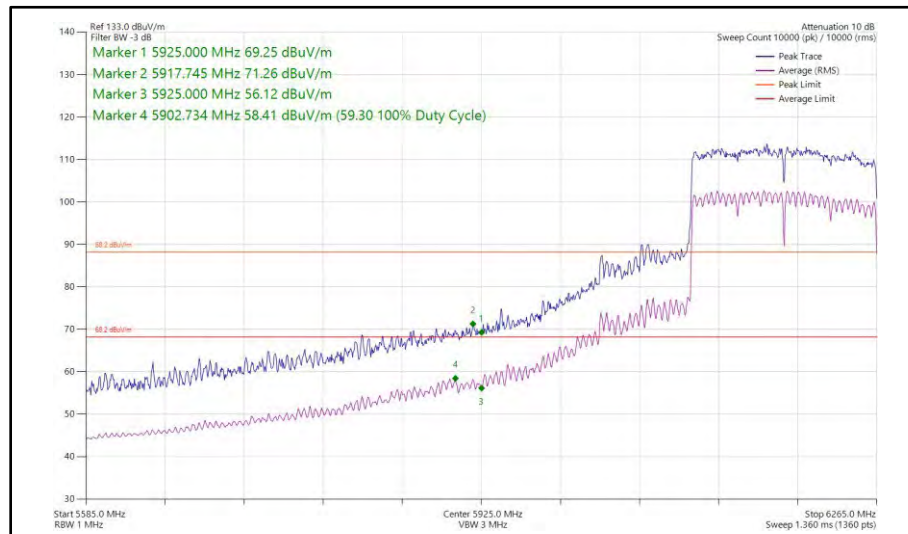
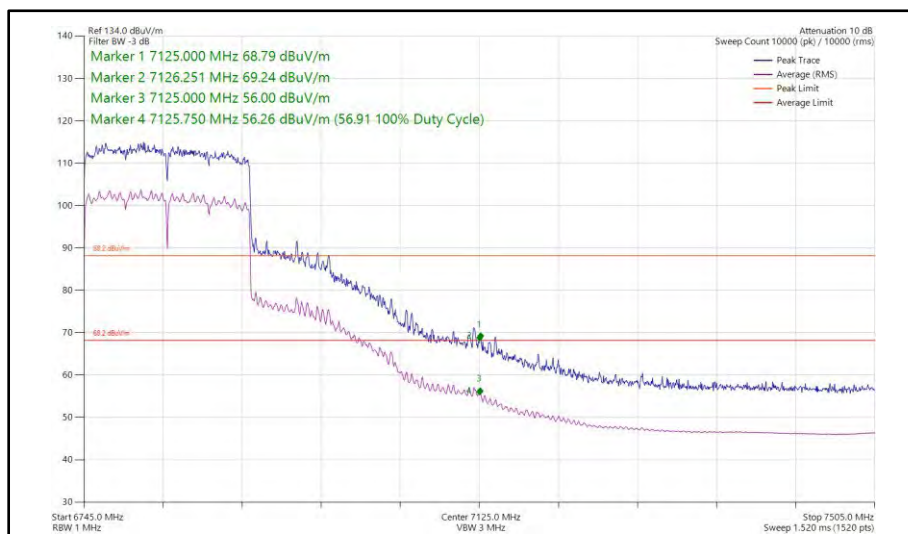


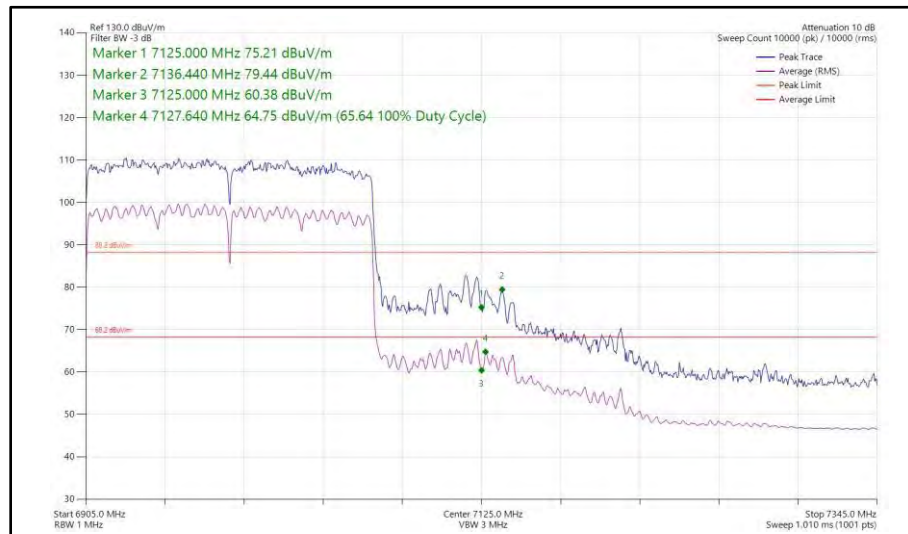
Figure 201 - 802.11ax HE160, RU 106-53, SDM, Core 0 + Core 1 - 6025 MHz Band Edge Frequency 5925 MHz



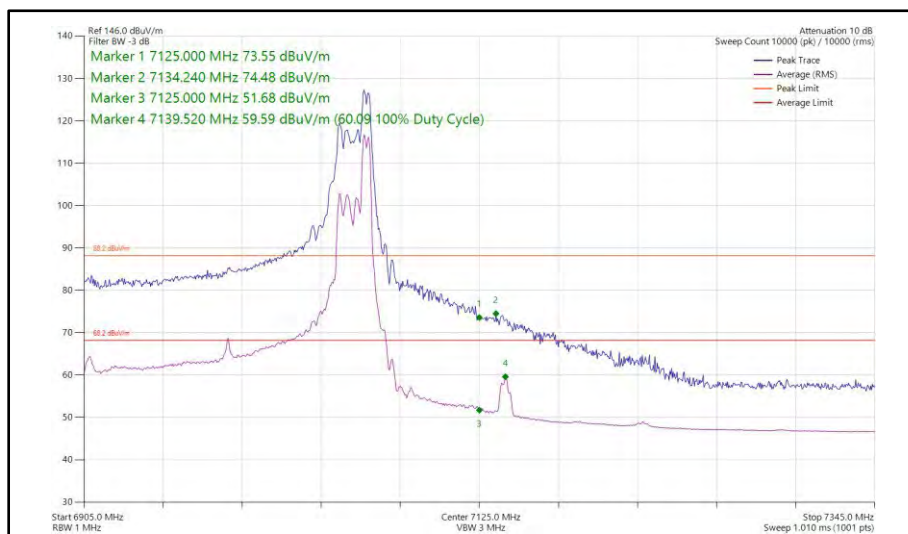
**Figure 202 - 802.11ax HE160, SU, SDM, Core 0 + Core 1 - 6185 MHz
Band Edge Frequency 5925 MHz**



**Figure 203 - 802.11ax HE160, SU, SDM, Core 0 + Core 1 - 6825 MHz
Band Edge Frequency 7125 MHz**



**Figure 204 - 802.11ax HE160, SU, SDM, Core 0 + Core 1 - 6985 MHz
Band Edge Frequency 7125 MHz**



**Figure 205 - 802.11ax HE160, RU 52-52, SDM, Core 0 + Core 1 - 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 4.6.2(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 RF Chamber 14 and RF Chamber 15.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Cable (18 GHz)	Rosenberger	LU7-071-1000	5096	12	24-Oct-2024
Emissions Software	TUV SUD	EmX V3.1.12	5125	-	Software
Attenuator 5W 10dB DC-18GHz	Aaren	AT40A-4041-D18-10	5495	12	13-Oct-2023
EMI Test Receiver	Rohde & Schwarz	ESW44	5911	12	05-May-2024
Test Receiver	Rohde & Schwarz	ESW44	5914	12	24-Feb-2024
1500W (300V 12A) AC Power Supply	iTech	IT7324	5955	-	O/P Mon
1500W (300V 12A) AC Power Supply	iTech	IT7324	5956	-	O/P Mon
5m Semi-Anechoic Chamber (Dual-Axis)	Albatross Projects	RF Chamber 14	5958	36	26-Apr-2025
Compact Antenna Mast	Maturo Gmbh	CAM4.0-P	5959	-	TU
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
5m Semi-Anechoic Chamber (Dual-Axis), Chamber 15	Albatross Projects	RF Chamber 15	5963	36	28-Apr-2025
Compact Antenna Mast	Maturo Gmbh	CAM4.0-P	5964	-	TU
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	5966	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	5967	-	TU
Turntable	Maturo Gmbh	TT1.5SI	5968	-	TU
Cable (N to N 7m)	Junkosha	MWX221-07000NMSNMS/B	6016	12	05-Jun-2024
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6018	12	05-Jun-2024
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6140	12	28-Aug-2023*
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6140	12	26-Aug-2024*
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6142	12	28-Aug-2023*
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6142	12	26-Aug-2024*
Digital Multimeter	Fluke	115	6145	12	15-Jun-2024
Digital Multimeter	Fluke	115	6147	12	16-Jun-2024
Humidity & Temperature meter	R.S Components	1364	6149	12	07-Jul-2024
SAC Switch Unit	TUV SUD	TUV_SSU_001	6191	12	12-Dec-2023
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6315	12	04-Feb-2024
Cable (SMA to SMA 8m)	Junkosha	MWX221-08000AMSAMS/B	6318	12	04-Feb-2024
Humidity and Temperature Meter	R.S Components	1364	6486	12	18-Apr-2024
Pre Amp 1 - 26.5 GHz	Agilent Technologies	HP8449B	6570	12	09-Jun-2024

Table 504

TU - Traceability Unscheduled

O/P Mon - Output Monitored using calibrated equipment

* NOTE: Only used within its calibration period.



2.5 Spurious Radiated Emissions

2.5.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.209 and 15.407 (b)
ISED RSS-248, Clause 4.6
ISED RSS-GEN, Clause 6.13 and 8.9

2.5.2 Equipment Under Test and Modification State

A3113, S/N: KVQP772HX1 - Modification State 0

2.5.3 Date of Test

26-September-2023 to 01-October-2023

2.5.4 Test Method

Testing was performed in accordance with ANSI C63.10, clause 6.3, 6.5 and 6.6.

Tests were performed in HE20 CDD in 2TX MIMO mode, with measurements undertaken from 30 MHz to 40 GHz on channels 45 (6175 MHz), 105 (6475 MHz), 149 (6695 MHz), and 209 (6995 MHz).

For the purpose of this testing, spurious emissions were limited to 1 GHz to 40 GHz on all other test channels.

All testing was performed using the lowest data rate/modulation scheme for the applicable mode.

Plots for average measurements were taken in accordance with ANSI C63.10, clause 12.7.7.2 with max-hold trace to characterize the EUT. Where emissions were detected, final average measurements were taken in accordance with ANSI C63.10, clause 4.1.4.2.2.

The plots shown are the characterization of the EUT. The limits on the plots represent the most stringent case for restricted bands, (54/74 dBuV/m @ 3 m and 64/84 dBuV/m @ 1m) when compared to -27 dBm/MHz RMS EIRP and -7dBm/MHz Peak EIRP outside restricted bands. The limits shown have been used as a threshold to determine where further measurements are necessary. Where results are within 10dB of the limits shown on the plots, further investigation was carried out and reported in results tables.

The following conversion can be applied to convert from dBμV/m to μV/m:
 $10^{(\text{Field Strength in dB}\mu\text{V/m}/20)}$

EIRP was converted to field strength at 3m using the following formula:
 $\text{Field Strength (dB}\mu\text{V/m at 3 m)} = \text{EIRP (dBm)} + 95.2 \text{ dB}$



2.5.7 Test Results

6 GHz WLAN

Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
*							

Table 505 - 5955 MHz (CH1), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

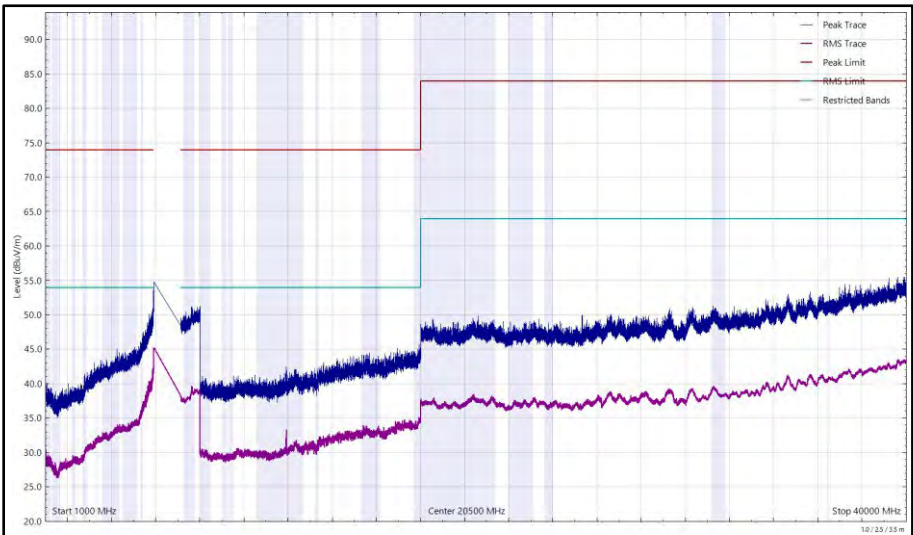


Figure 207 - 5955 MHz (CH1), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

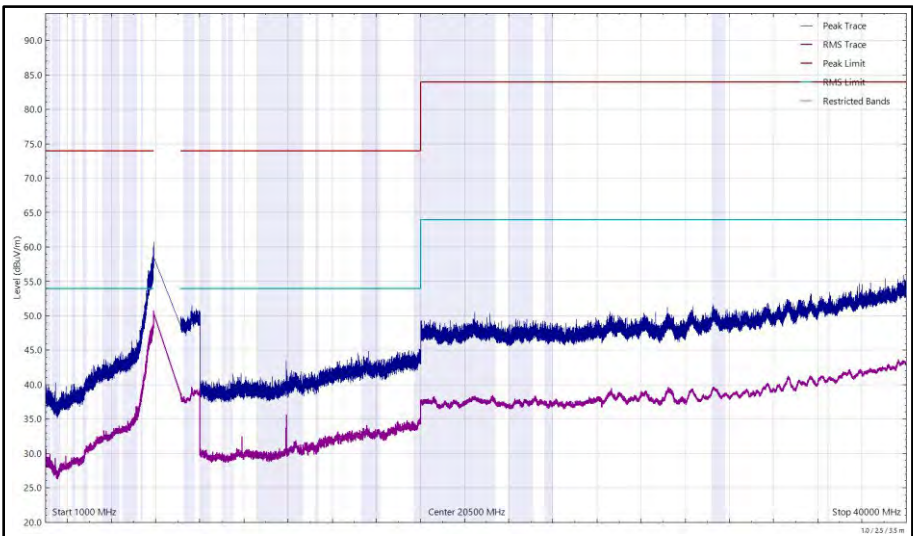


Figure 208 - 5955 MHz (CH1), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
8233.300	40.98	54.00	-13.02	RMS	74	267	Vertical

Table 506 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 10 dB of the limit.

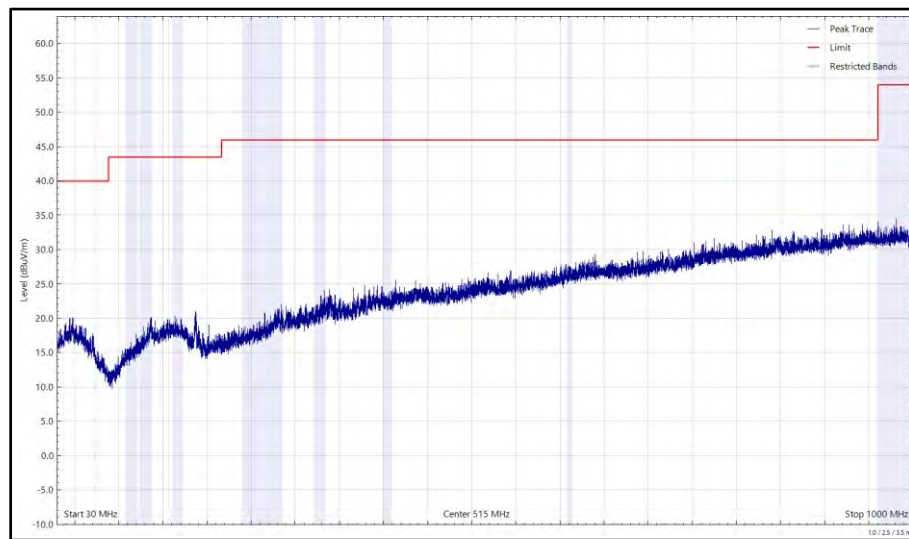


Figure 209 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

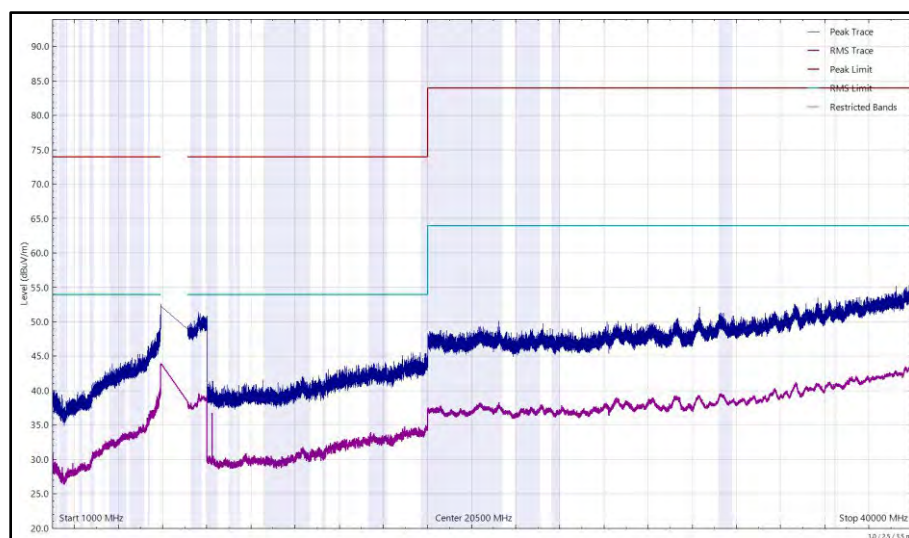


Figure 210 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

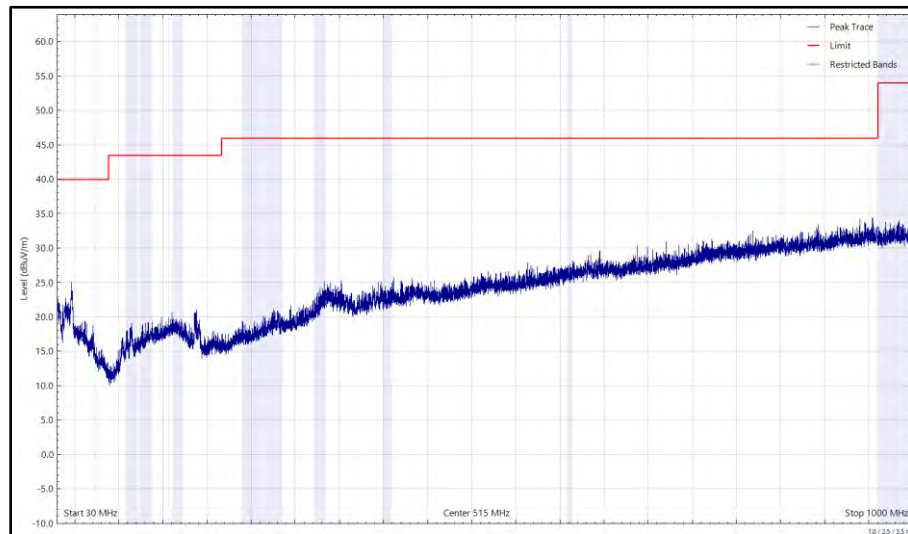


Figure 211 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

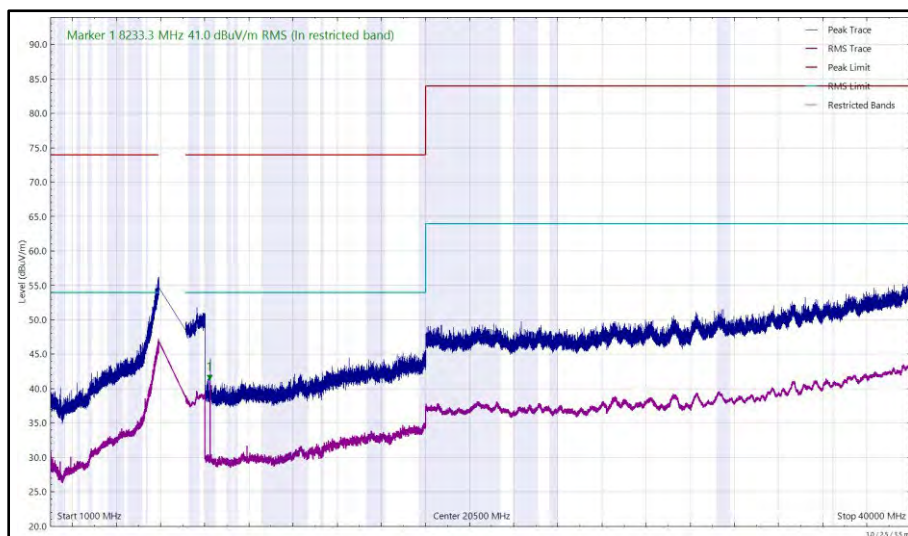


Figure 212 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
*							

Table 507 - 6415 MHz (CH93), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

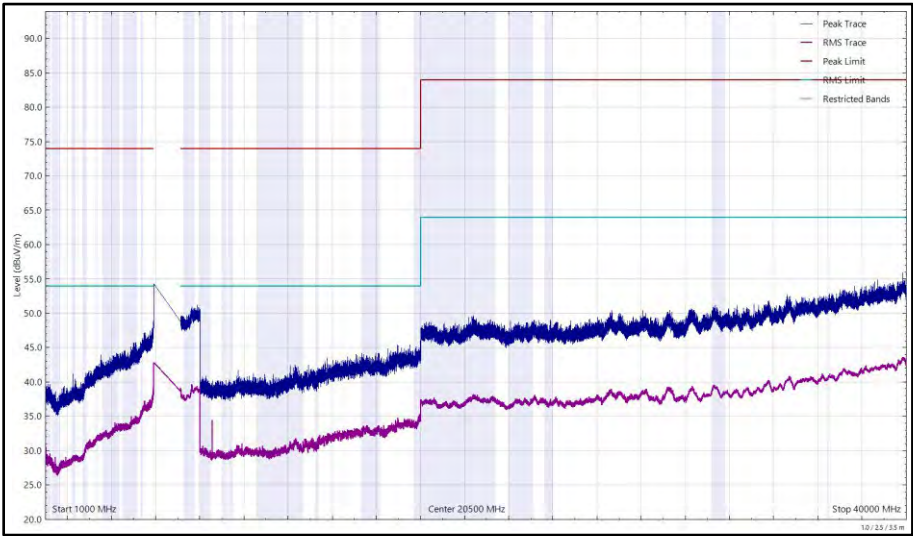


Figure 213 - 6415 MHz (CH93), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

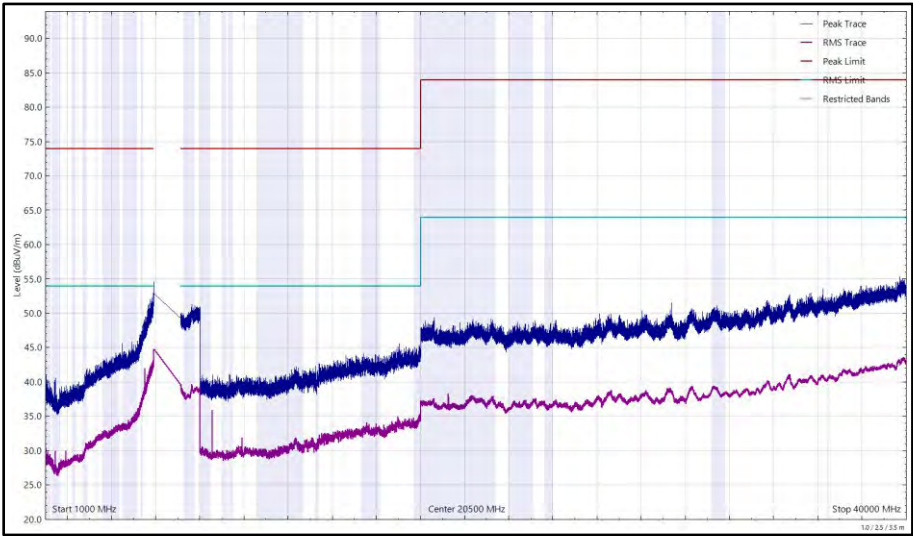


Figure 214 - 6415 MHz (CH93), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
*							

Table 508 - 6435 MHz (CH97), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

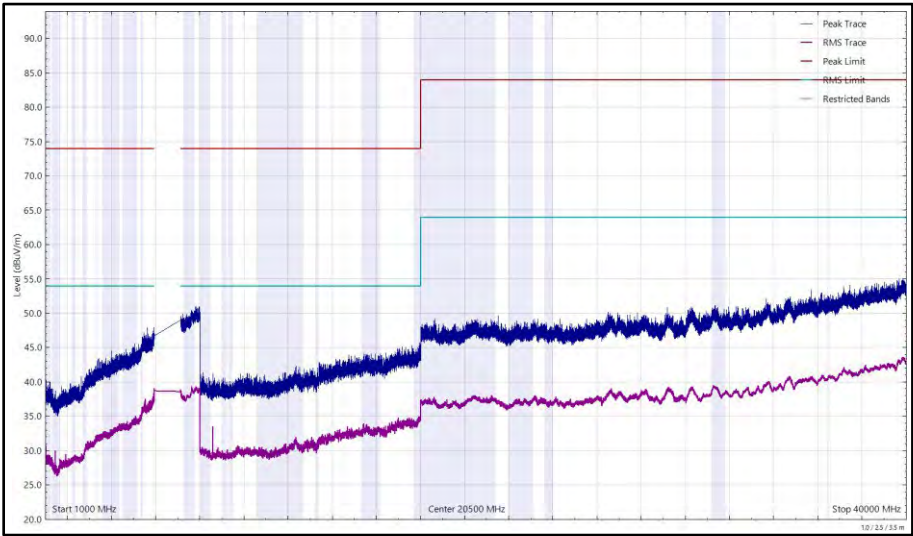


Figure 215 - 6435 MHz (CH97), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

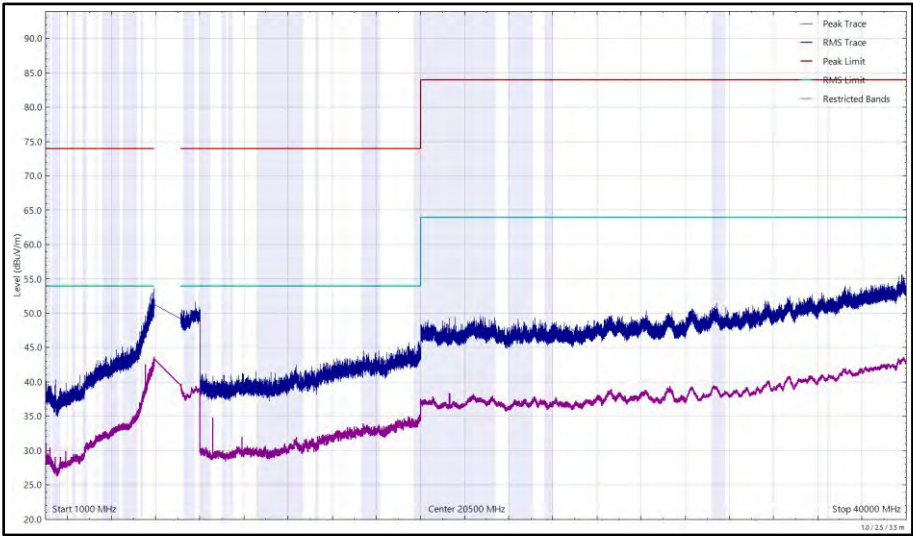


Figure 216 - 6435 MHz (CH97), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
*							

Table 509 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

*No emissions found within 10 dB of the limit.

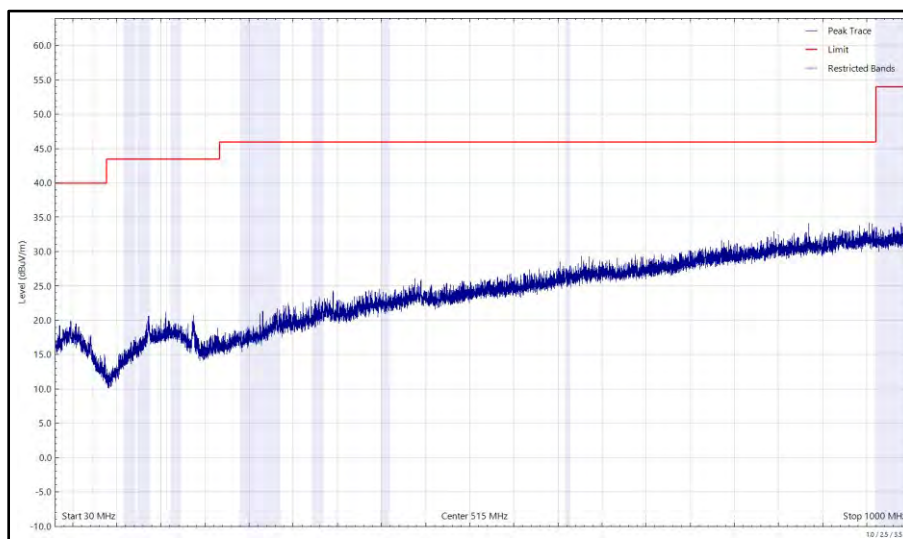


Figure 217 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

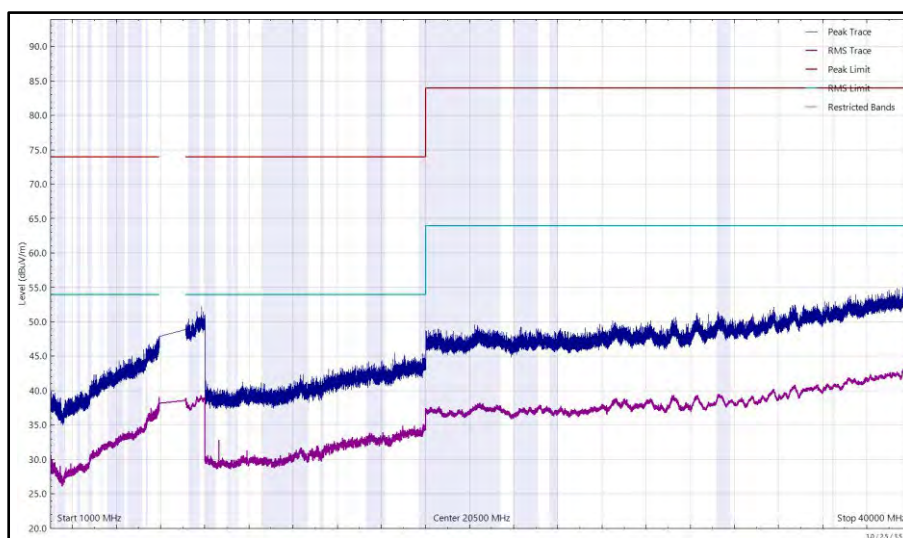


Figure 218 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

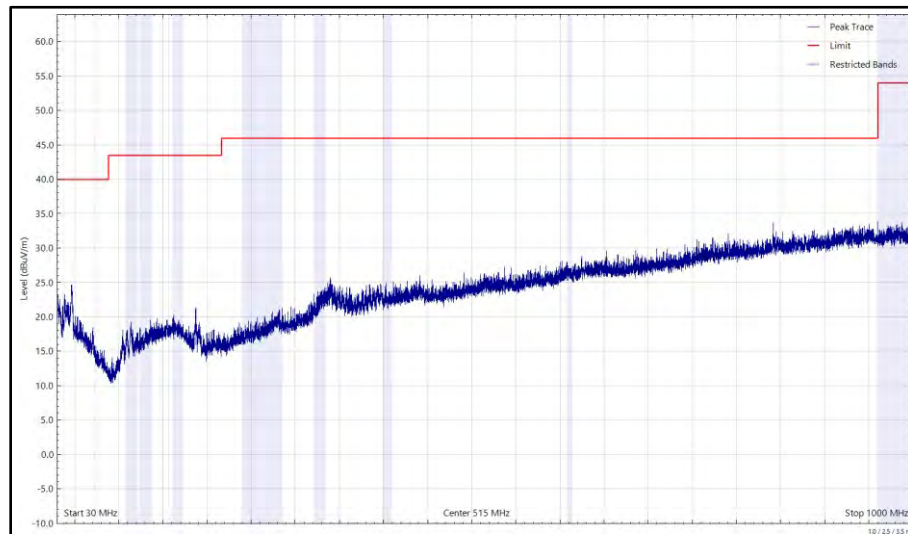


Figure 219 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

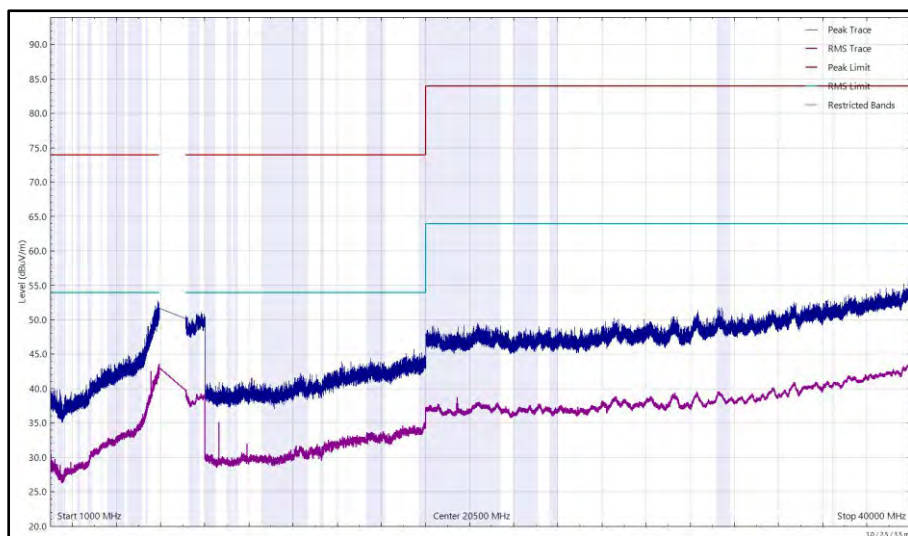


Figure 220 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
*							

Table 510 - 6515 MHz (CH113), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

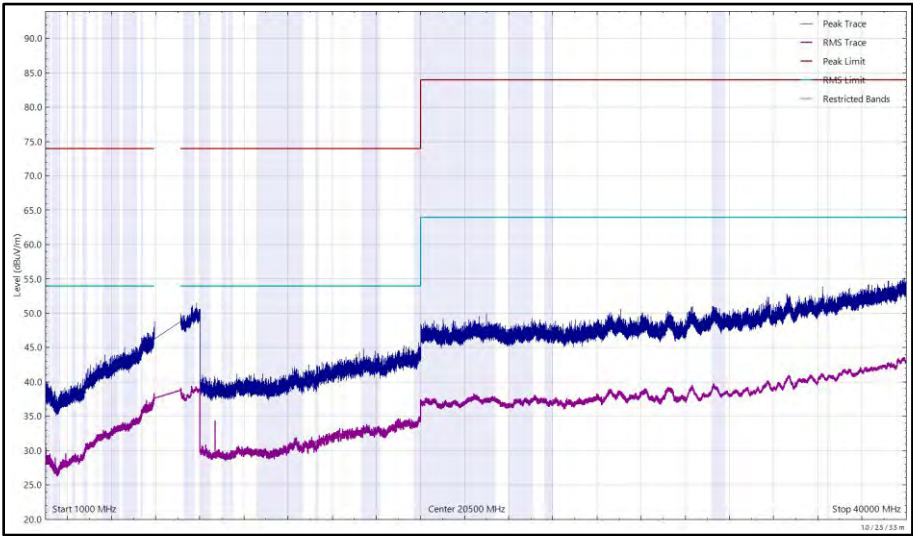


Figure 221 - 6515 MHz (CH113), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

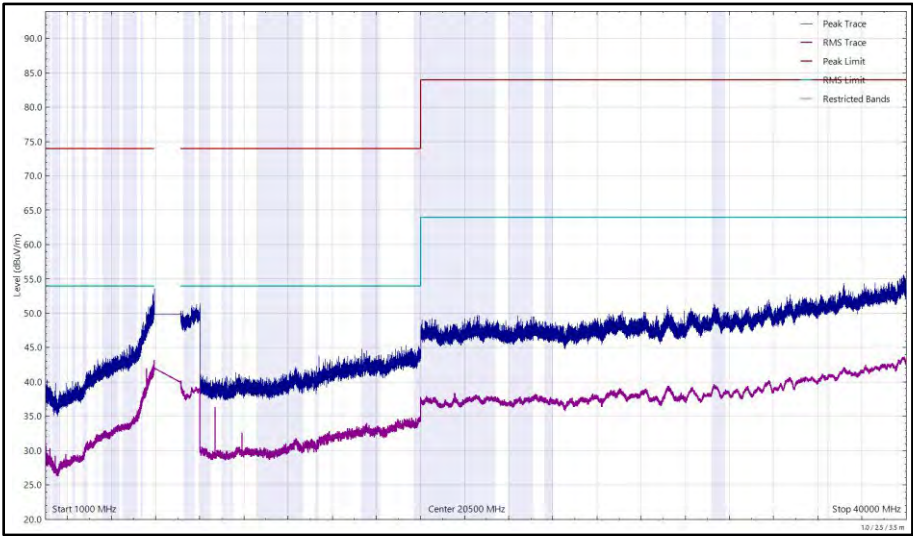


Figure 222 - 6515 MHz (CH113), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
*							

Table 511 - 6535 MHz (CH117), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

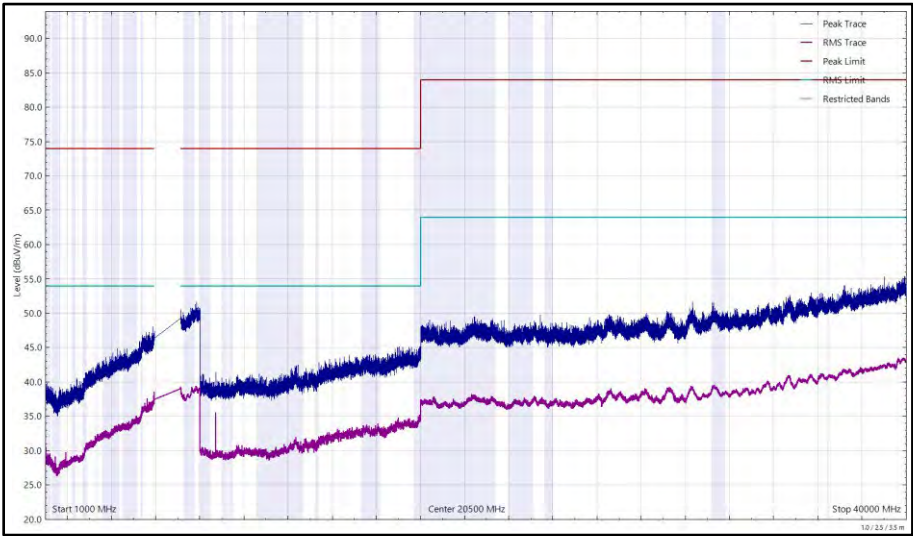


Figure 223 - 6535 MHz (CH117), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

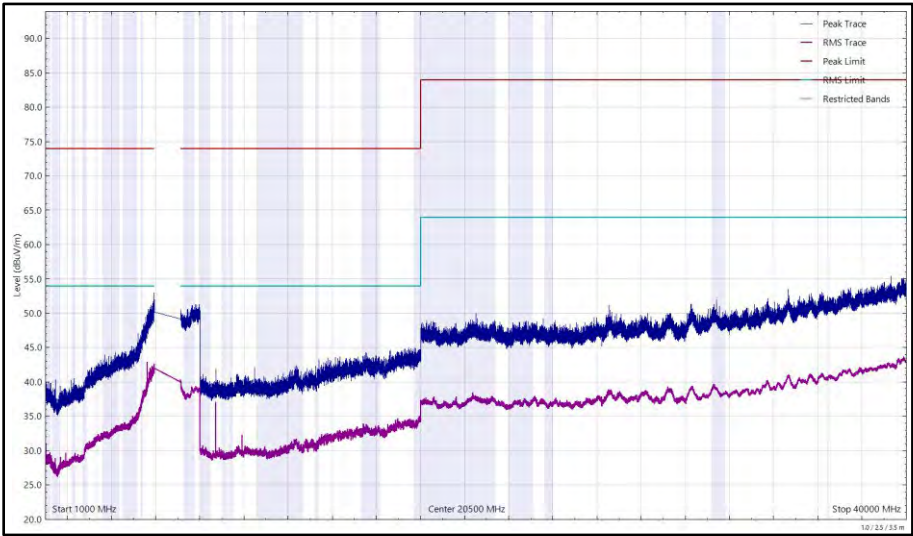


Figure 224 - 6535 MHz (CH117), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
*							

Table 512 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

*No emissions found within 10 dB of the limit.

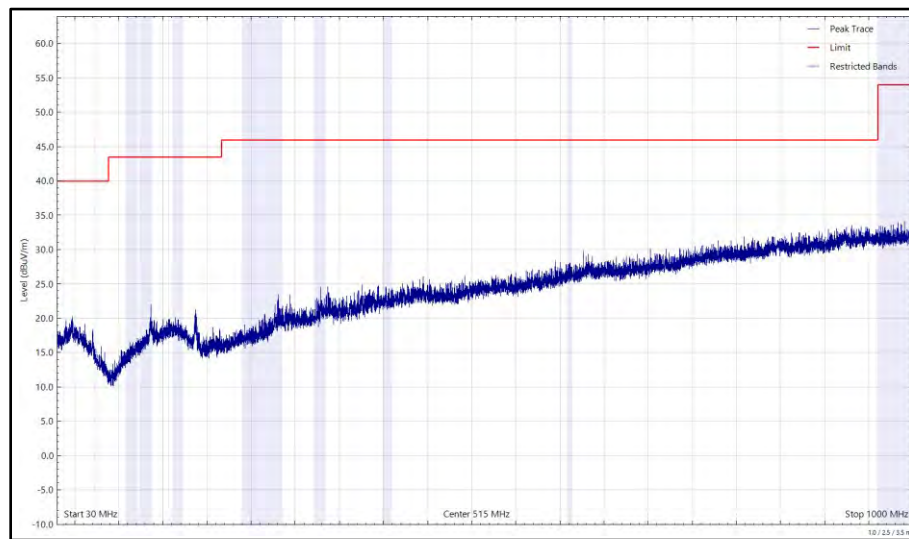


Figure 225 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

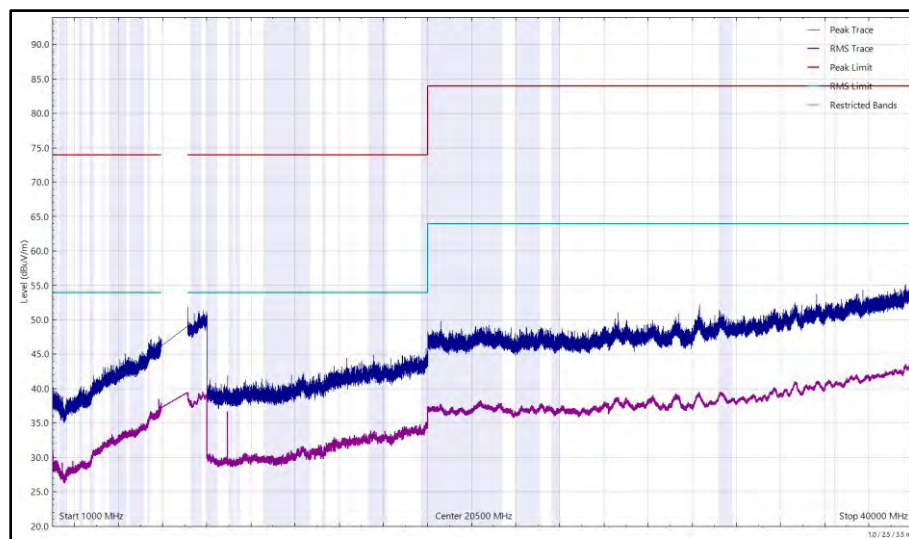


Figure 226 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

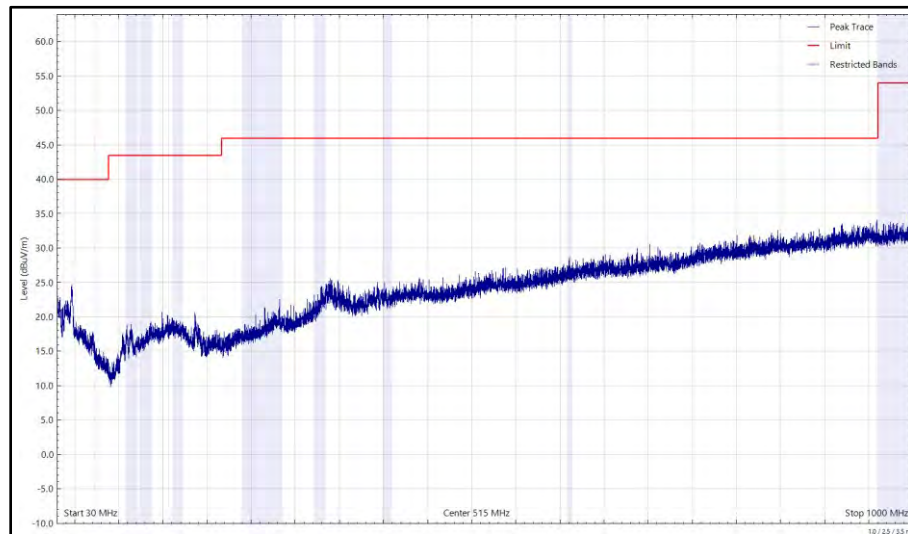


Figure 227 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

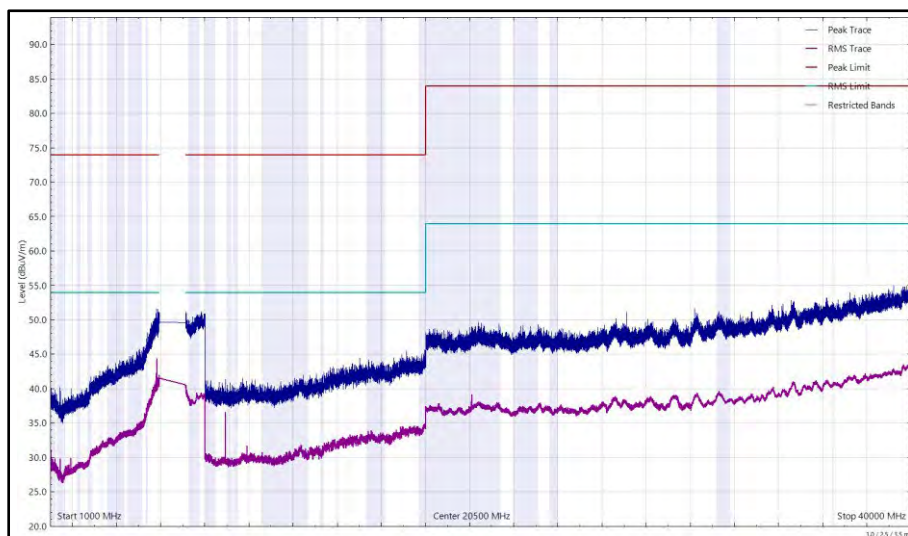


Figure 228 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical