



MIMO SDM

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):	4.47
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	-11.38	-11.07	-	-	-8.21	4.47	-3.75	-1.00	-2.75
6175	-9.09	-9.54	-	-	-6.30	2.66	-3.64	-1.00	-2.64
6415	-10.11	-10.41	-	-	-7.25	3.33	-3.92	-1.00	-2.92

Table 285 - 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 (%):	93.5
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.29
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.47
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5965	-10.87	-10.88	-	-	-7.87	4.47	-3.40	-1.00	-2.40
6165	-9.46	-9.68	-	-	-6.56	2.66	-3.89	-1.00	-2.89
6405	-9.74	-10.04	-	-	-6.88	3.33	-3.55	-1.00	-2.55

Table 286 - 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):	4.47
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	-10.42	-10.80	-	-	-7.59	4.47	-3.13	-1.00	-2.13
6145	-9.30	-9.26	-	-	-6.27	2.66	-3.61	-1.00	-2.61
6385	-9.56	-10.01	-	-	-6.77	3.33	-3.44	-1.00	-2.44

Table 287 - 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):	4.47
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6025	-9.10	-9.17	-	-	-6.12	4.47	-1.66	-1.00	-0.66
6185	-7.87	-7.91	-	-	-4.88	2.66	-2.22	-1.00	-1.22
6345	-8.36	-8.89	-	-	-5.60	3.33	-2.28	-1.00	-1.28

Table 288 - 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 (%):	97.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.13
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.47
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)	-11.41	-11.25	-	-	-8.32	4.47	-3.85	-1.00	-2.85
6175 (RU26.0)	-10.13	-9.81	-	-	-6.96	2.66	-4.30	-1.00	-3.30
6415 (RU26.8)	-9.83	-10.47	-	-	-7.13	3.33	-3.80	-1.00	-2.80

Table 289 - 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 (%):	97.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.47
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)	-11.26	-10.84	-	-	-8.03	4.47	-3.57	-1.00	-2.57
6175 (RU52.37)	-9.71	-9.51	-	-	-6.60	2.66	-3.93	-1.00	-2.93
6415 (RU52.40)	-9.86	-10.52	-	-	-7.17	3.33	-3.84	-1.00	-2.84

Table 290 - 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):	4.47
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)	-10.90	-10.94	-	-	-7.91	4.47	-3.45	-1.00	-2.45
6175 (RU106.53)	-9.77	-9.36	-	-	-6.55	2.66	-3.89	-1.00	-2.89
6415 (RU106.54)	-9.68	-10.01	-	-	-6.83	3.33	-3.51	-1.00	-2.51

Table 291 - 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 (%):	93.5
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.29
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.92
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435	-10.26	-10.73	-	-	-7.48	3.92	-3.56	-1.00	-2.56
6475	-10.39	-10.94	-	-	-7.65	3.92	-3.72	-1.00	-2.72
6515	-10.23	-10.57	-	-	-7.38	3.92	-3.46	-1.00	-2.46

Table 292 - 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 (%):	93.5
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.29
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.92
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6445	-10.49	-10.58	-	-	-7.53	3.92	-3.60	-1.00	-2.60
6485	-10.48	-10.60	-	-	-7.53	3.92	-3.61	-1.00	-2.61
6525	-10.47	-10.68	-	-	-7.56	3.92	-3.64	-1.00	-2.64

Table 293 - 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 (%):	93.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.31
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.92
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6465	-10.31	-10.51	-	-	-7.40	3.92	-3.47	-1.00	-2.47
6545	-10.72	-11.16	-	-	-7.92	3.92	-4.00	-1.00	-3.00

Table 294 - 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 (%):	89.5
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.48
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.92
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6505	-8.39	-8.72	-	-	-5.54	3.92	-1.62	-1.00	-0.62

Table 295 - 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 (%):	97.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.13
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.92
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU26.0)	-10.24	-11.26	-	-	-7.71	3.92	-3.78	-1.00	-2.78
6475 (RU26.0)	-10.51	-11.39	-	-	-7.92	3.92	-3.99	-1.00	-2.99
6515 (RU26.8)	-10.71	-10.95	-	-	-7.82	3.92	-3.90	-1.00	-2.90

Table 296 - 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 (%):	97.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.92
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU52.37)	-10.18	-11.00	-	-	-7.56	3.92	-3.64	-1.00	-2.64
6475 (RU52.37)	-10.13	-11.03	-	-	-7.55	3.92	-3.62	-1.00	-2.62
6515 (RU52.40)	-10.49	-11.06	-	-	-7.75	3.92	-3.83	-1.00	-2.83

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)(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 (%):	98.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.09
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.92
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6435 (RU106.53)	-10.11	-10.68	-	-	-7.38	3.92	-3.45	-1.00	-2.45
6475 (RU106.53)	-10.26	-10.58	-	-	-7.41	3.92	-3.48	-1.00	-2.48
6515 (RU106.54)	-10.19	-10.17	-	-	-7.17	3.92	-3.25	-1.00	-2.25

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)(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):	3.41
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	-10.49	-10.82	-	-	-7.64	3.41	-4.23	-1.00	-3.23
6695	-11.47	-12.48	-	-	-8.93	3.41	-5.53	-1.00	-4.53
6855	-10.23	-11.34	-	-	-7.74	3.41	-4.33	-1.00	-3.33
6875	-10.05	-11.32	-	-	-7.63	3.41	-4.22	-1.00	-3.22

Table 299 - 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):	3.92
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6525	-10.53	-10.79	-	-	-7.64	3.41	-4.23	-1.00	-3.23
6565	-9.78	-10.24	-	-	-7.00	3.41	-3.59	-1.00	-2.59
6685	-9.61	-9.73	-	-	-6.66	3.41	-3.25	-1.00	-2.25
6845	-9.71	-9.90	-	-	-6.79	3.41	-3.39	-1.00	-2.39
6885	-10.30	-10.57	-	-	-7.42	3.41	-4.02	-1.00	-3.02

Table 300 - 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 (%):	93.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.31
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.92
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6545	-10.16	-10.64	-	-	-7.38	3.41	-3.97	-1.00	-2.97
6625	-9.49	-10.23	-	-	-6.83	3.41	-3.43	-1.00	-2.43
6705	-9.36	-10.06	-	-	-6.68	3.41	-3.28	-1.00	-2.28
6785	-9.79	-9.77	-	-	-6.77	3.41	-3.36	-1.00	-2.36
6865	-9.34	-9.69	-	-	-6.50	3.41	-3.10	-1.00	-2.10

Table 301 - 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):	3.92
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6505	-9.00	-9.35	-	-	-6.16	3.41	-2.75	-1.00	-1.75
6665	-8.59	-8.92	-	-	-5.74	3.41	-2.34	-1.00	-1.34
6825	-8.05	-7.90	-	-	-4.96	3.41	-1.56	-1.00	-0.56

Table 302 - 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 RU26	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.41
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)	-10.18	-10.85	-	-	-7.49	3.41	-4.09	-1.00	-3.09
6695 (RU26.0)	-10.18	-11.17	-	-	-7.64	3.41	-4.23	-1.00	-3.23
6855 (RU26.8)	-10.20	-11.39	-	-	-7.74	3.41	-4.34	-1.00	-3.34
6875 (RU26.3)	-10.26	-11.23	-	-	-7.71	3.41	-4.30	-1.00	-3.30

Table 303 - 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 (%):	97.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.12
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.41
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)	-9.84	-10.33	-	-	-7.07	3.41	-3.66	-1.00	-2.66
6695 (RU52.37)	-9.79	-10.78	-	-	-7.25	3.41	-3.84	-1.00	-2.84
6855 (RU52.40)	-9.87	-11.08	-	-	-7.42	3.41	-4.02	-1.00	-3.02
6875 (RU52.38)	-9.81	-10.73	-	-	-7.24	3.41	-3.83	-1.00	-2.83

Table 304 - 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 (%):	98.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.09
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.41
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)	-9.43	-10.02	-	-	-6.70	3.41	-3.30	-1.00	-2.30
6695 (RU106.53)	-9.58	-9.96	-	-	-6.76	3.41	-3.35	-1.00	-2.35
6855 (RU106.54)	-9.76	-10.47	-	-	-7.09	3.41	-3.69	-1.00	-2.69
6875 (RU106.53)	-9.69	-10.52	-	-	-7.07	3.41	-3.67	-1.00	-2.67

Table 305 - 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 (%):	93.6
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.29
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.43
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	-10.22	-11.31	-	-	-7.72	2.38	-5.34	-1.00	-4.34
6895	-10.01	-10.97	-	-	-7.45	2.38	-5.07	-1.00	-4.07
6995	-9.97	-11.00	-	-	-7.44	2.38	-5.07	-1.00	-4.07
7115	-19.91	-21.93	-	-	-17.80	2.38	-15.42	-1.00	-14.42

Table 306 - 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 (%):	93.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.28
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.43
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	-9.93	-10.17	-	-	-7.04	2.38	-4.66	-1.00	-3.66
6925	-8.98	-9.47	-	-	-6.20	2.38	-3.83	-1.00	-2.83
7005	-8.80	-9.38	-	-	-6.07	2.38	-3.69	-1.00	-2.69
7085	-8.92	-9.72	-	-	-6.29	2.38	-3.91	-1.00	-2.91

Table 307 - 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 (%):	93.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.31
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.43
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	-9.46	-9.57	-	-	-6.50	2.38	-4.12	-1.00	-3.12
6945	-8.90	-9.48	-	-	-6.17	2.38	-3.79	-1.00	-2.79
7025	-8.64	-9.23	-	-	-5.92	2.38	-3.54	-1.00	-2.54

Table 308 - 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):	3.43
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	-10.71	-10.34	-	-	-7.51	2.38	-5.13	-1.00	-4.13
6985	-7.92	-8.32	-	-	-5.10	2.38	-2.72	-1.00	-1.72

Table 309 - 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):	3.43
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)	-10.30	-11.07	-	-	-7.66	2.38	-5.28	-1.00	-4.28
6895 (RU26.0)	-9.42	-9.84	-	-	-6.61	2.38	-4.24	-1.00	-3.24
6995 (RU26.0)	-9.26	-9.88	-	-	-6.55	2.38	-4.17	-1.00	-3.17
7095 (RU26.8)	-8.96	-10.29	-	-	-6.56	2.38	-4.18	-1.00	-3.18

Table 310 - 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):	3.43
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)	-9.65	-10.95	-	-	-7.24	2.38	-4.87	-1.00	-3.87
6895 (RU52.37)	-8.31	-9.43	-	-	-5.82	2.38	-3.44	-1.00	-2.44
6995 (RU52.37)	-8.65	-9.24	-	-	-5.92	2.38	-3.54	-1.00	-2.54
7095 (RU52.40)	-8.70	-9.71	-	-	-6.16	2.38	-3.79	-1.00	-2.79

Table 311 - 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 (%):	98.0
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.09
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	3.43
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)	-9.45	-10.62	-	-	-6.99	2.38	-4.61	-1.00	-3.61
6895 (RU106.53)	-8.71	-9.26	-	-	-5.96	2.38	-3.59	-1.00	-2.59
6995 (RU106.53)	-8.64	-9.15	-	-	-5.87	2.38	-3.49	-1.00	-2.49
7095 (RU106.54)	-8.59	-9.38	-	-	-5.96	2.38	-3.58	-1.00	-2.58

Table 312 - Maximum Power Spectral Density Results



MIMO TxBF

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	Duty Cycle (%):	93.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.27
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	6.01
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	-11.59	-11.79	-	-	-8.68	5.40	-3.28	-1.00	-2.28
6245	-12.16	-11.69	-	-	-8.90	5.40	-3.51	-1.00	-2.51
6405	-12.27	-12.53	-	-	-9.39	6.01	-3.38	-1.00	-2.38

Table 313 - 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 (%):	93.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.28
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	7.01
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
5985	-13.60	-13.31	-	-	-10.44	7.01	-3.43	-1.00	-2.43
6145	-11.42	-11.64	-	-	-8.52	5.40	-3.12	-1.00	-2.12
6385	-12.49	-12.21	-	-	-9.34	6.01	-3.33	-1.00	-2.33

Table 314 - Maximum Power Spectral Density Results



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

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	94.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.25
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	6.61
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	-13.09	-13.03	-	-	-10.05	6.61	-3.44	-1.00	-2.44
6485	-12.90	-13.28	-	-	-10.08	6.61	-3.47	-1.00	-2.47
6525	-12.89	-13.21	-	-	-10.04	6.61	-3.43	-1.00	-2.43

Table 315 - 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 (%):	94.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.26
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	6.61
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	-12.97	-12.73	-	-	-9.84	6.61	-3.23	-1.00	-2.23
6545	-13.63	-12.88	-	-	-10.23	6.61	-3.62	-1.00	-2.62

Table 316 - 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	Duty Cycle (%):	94.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.25
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	6.61
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	-13.02	-13.24	-	-	-10.12	6.61	-3.51	-1.00	-2.51
6565	-12.76	-13.03	-	-	-9.89	6.05	-3.83	-1.00	-2.83
6685	-11.08	-11.28	-	-	-8.17	6.05	-2.12	-1.00	-1.12
6845	-13.07	-12.61	-	-	-9.82	6.05	-3.77	-1.00	-2.77
6885	-13.25	-12.17	-	-	-9.67	6.05	-3.61	-1.00	-2.61

Table 317 - 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 (%):	94.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.27
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	6.61
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6545	-13.23	-12.85	-	-	-10.03	6.61	-3.42	-1.00	-2.42
6625	-12.74	-11.89	-	-	-9.28	6.05	-3.23	-1.00	-2.23
6705	-12.60	-12.16	-	-	-9.37	6.05	-3.32	-1.00	-2.32
6785	-12.48	-12.35	-	-	-9.41	6.05	-3.35	-1.00	-2.35
6865	-12.19	-12.07	-	-	-9.12	6.05	-3.07	-1.00	-2.07

Table 318 - 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 (%):	94.2
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.26
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	6.08
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ				
6885	-12.63	-12.30	-	-	-9.45	6.08	-3.36	-1.00	-2.36
6925	-12.95	-11.57	-	-	-9.19	5.19	-4.00	-1.00	-3.00
7005	-12.91	-11.44	-	-	-9.10	5.19	-3.90	-1.00	-2.90
7085	-13.47	-12.19	-	-	-9.78	5.19	-4.58	-1.00	-3.58

Table 319 - 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 (%):	93.5
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.29
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	6.08
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	-12.00	-12.68	-	-	-9.32	6.08	-3.23	-1.00	-2.23
6945	-11.75	-10.91	-	-	-8.30	5.19	-3.11	-1.00	-2.11
7025	-11.52	-11.01	-	-	-8.25	5.19	-3.06	-1.00	-2.06

Table 320 - 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
- b) 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
Frequency Standard	Spectracom	SecureSync 1200-0408-0601	4393	6	01-Feb-2023
Climatic Chamber	Aralab	FitoTerm 300E45	4823	12	12-May-2023
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

Table 321

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

A2686, S/N: XVFXG6M544 - Modification State 0

2.4.3 Date of Test

15-June-2022 to 28-October-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	21.3 - 23.7 °C
Relative Humidity	40.5 - 58.2 %

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 1	54 Mbps	-	-	5955	5925	57.80	45.63
802.11ax HE20, Core 1	MCS 11x1	SU	-	5955	5925	57.26	45.84
802.11ax HE20, Core 1	MCS 11x1	26	0	5955	5925	57.25	45.75
802.11a, Core 1	54 Mbps	-	-	7115	7125	76.78	62.37
802.11ax HE20, Core 1	MCS 2x1	SU	-	7115	7125	77.28	65.47

Table 322 - SISO Authorised Band Edge results

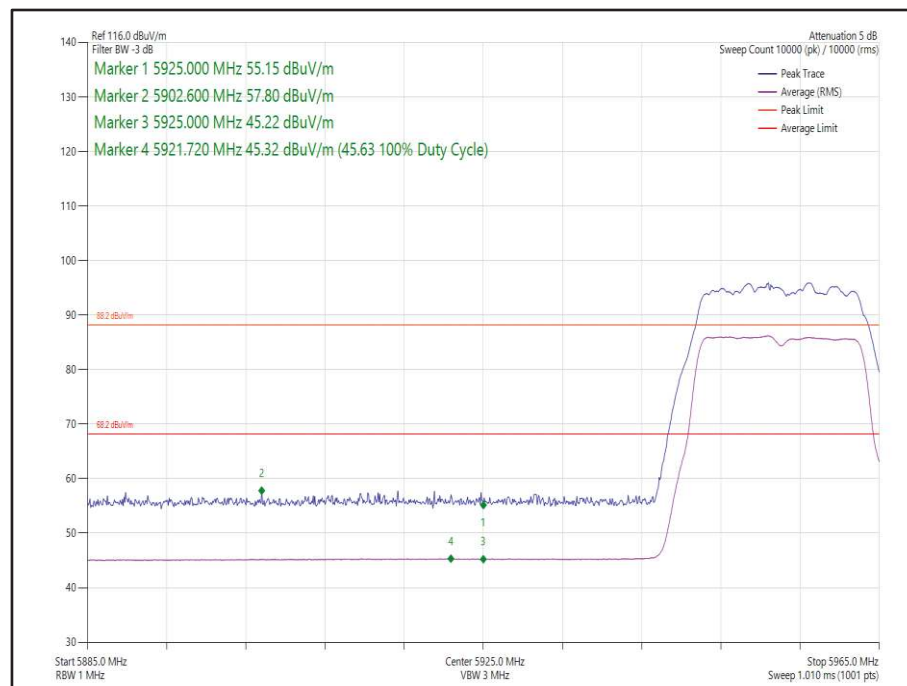


Figure 31 - 802.11a, Core 1 - 5955 MHz, Band Edge Frequency 5925 MHz

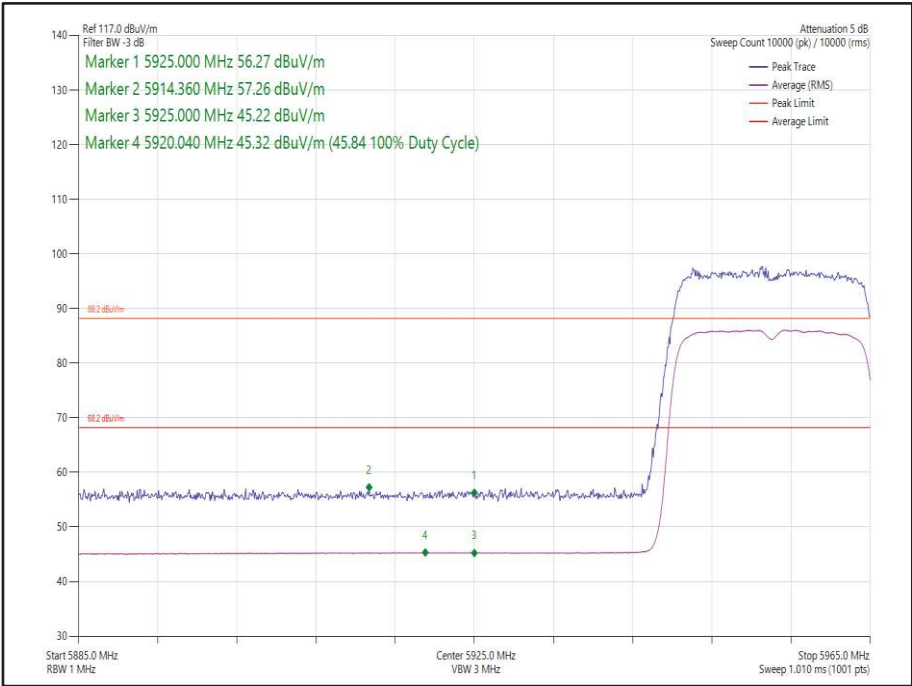


Figure 32- 802.11ax HE20, Core 1, SU - 5955 MHz, Band Edge Frequency 5925 MHz

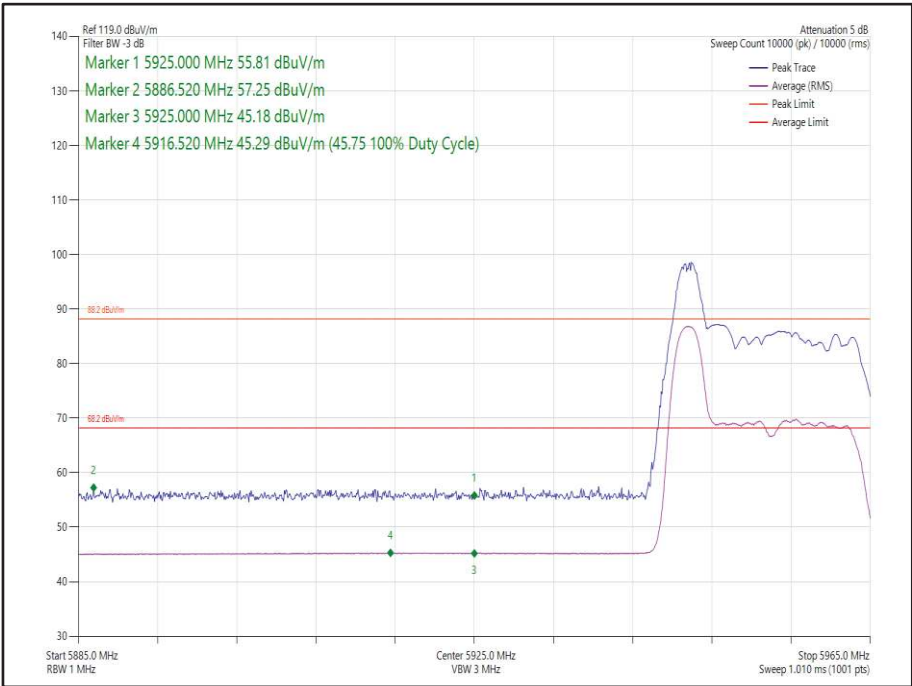


Figure 33- 802.11ax HE20, Core 1, 26 0- 5955 MHz, Band Edge Frequency 5925 MHz

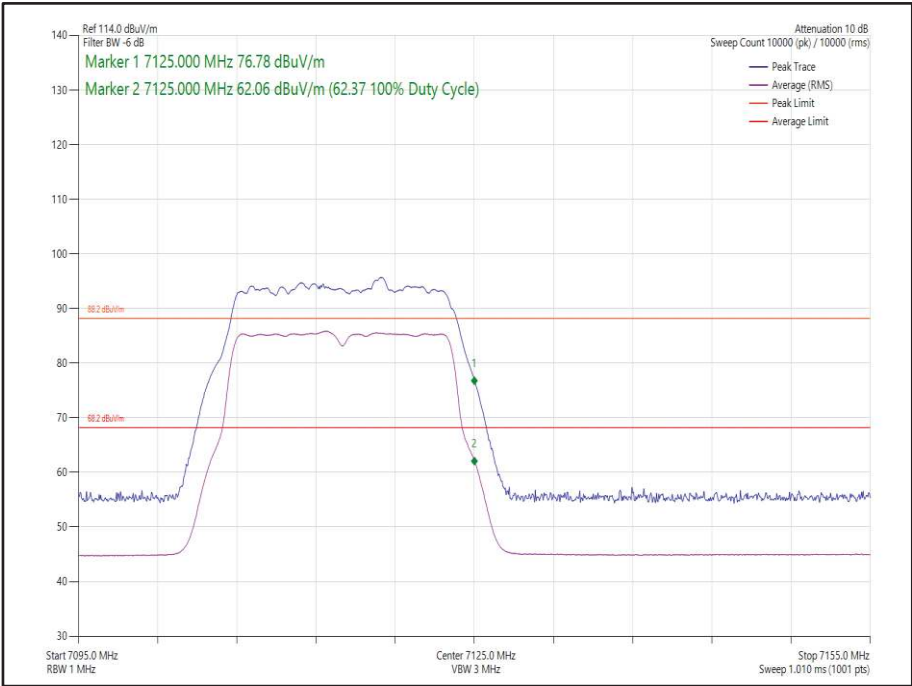


Figure 34 - 802.11a, Core 1 - 7115 MHz, Band Edge Frequency 7125 MHz

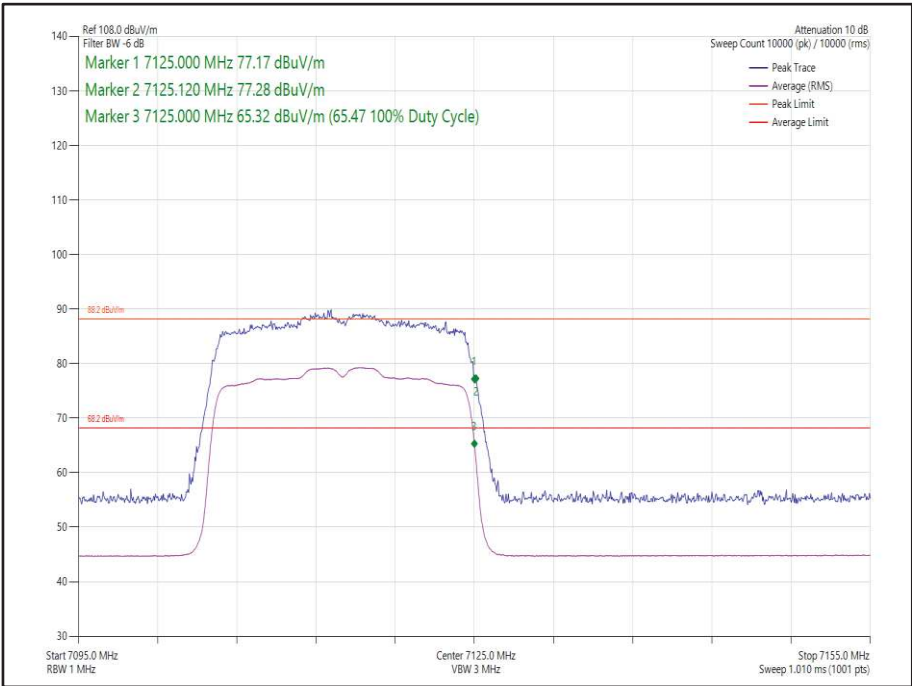


Figure 35- 802.11ax HE20, Core 1, SU - 7115 MHz, Band Edge Frequency 7125 MHz

20MHz 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	57.92	45.38
802.11ax HE20 CDD, Cores 0-1	MCS 11x1	52	37	5955	5925	57.31	45.35
802.11ax HE20 SDM, Cores 0-1	MCS 11x2	SU	-	5955	5925	60.16	48.14
802.11ax HE20 SDM, Cores 0-1	MCS 11x2	26	0	5955	5925	60.12	47.94
802.11ax HE20 CDD, Cores 0-1	MCS 2x1	SU	-	7115	7125	76.56	63.74
802.11ax HE20 SDM, Cores 0-1	MCS 11x2	SU	-	7115	7125	78.81	65.62

Table 323 - MIMO 2TX Authorised Band Edge Results

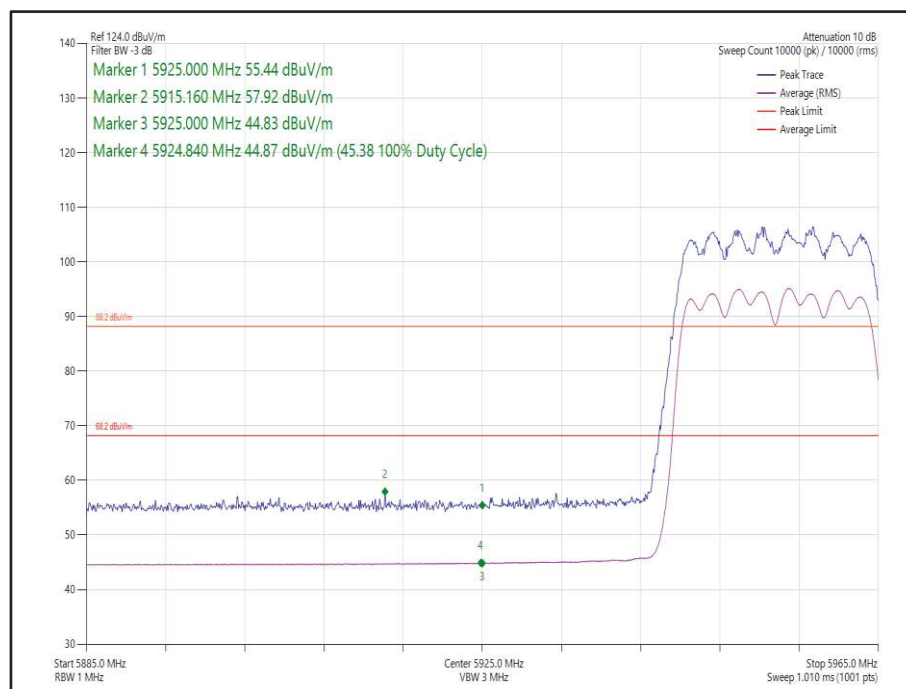


Figure 36 - 802.11ax HE20 CDD, Cores 0-1, SU - 5955 MHz, Band Edge Frequency 5925 MHz

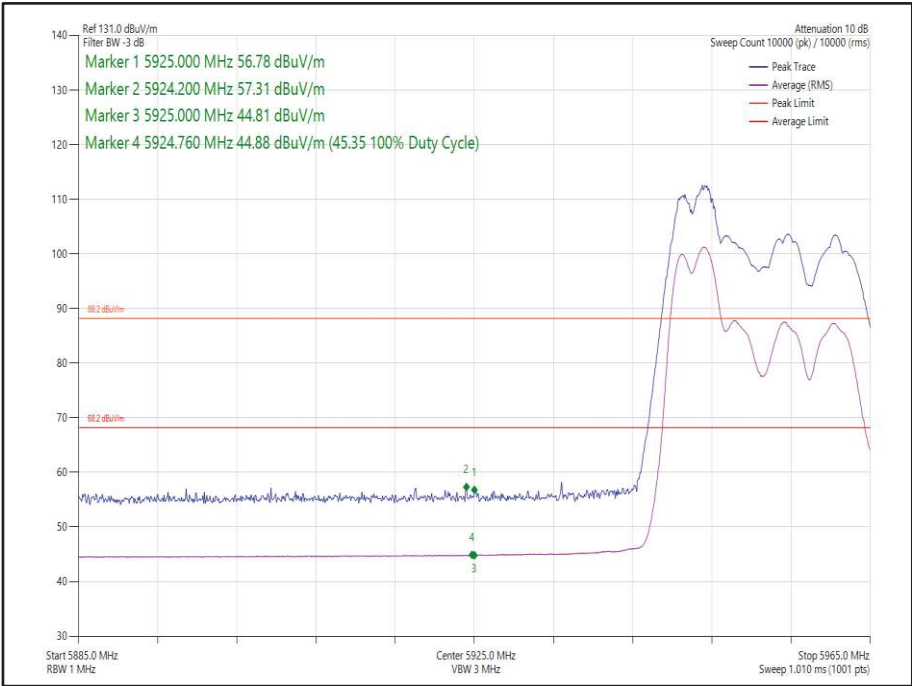


Figure 37 - 802.11ax HE20 CDD, Cores 0-1 52-37 - 5955 MHz, Band Edge Frequency 5925 MHz

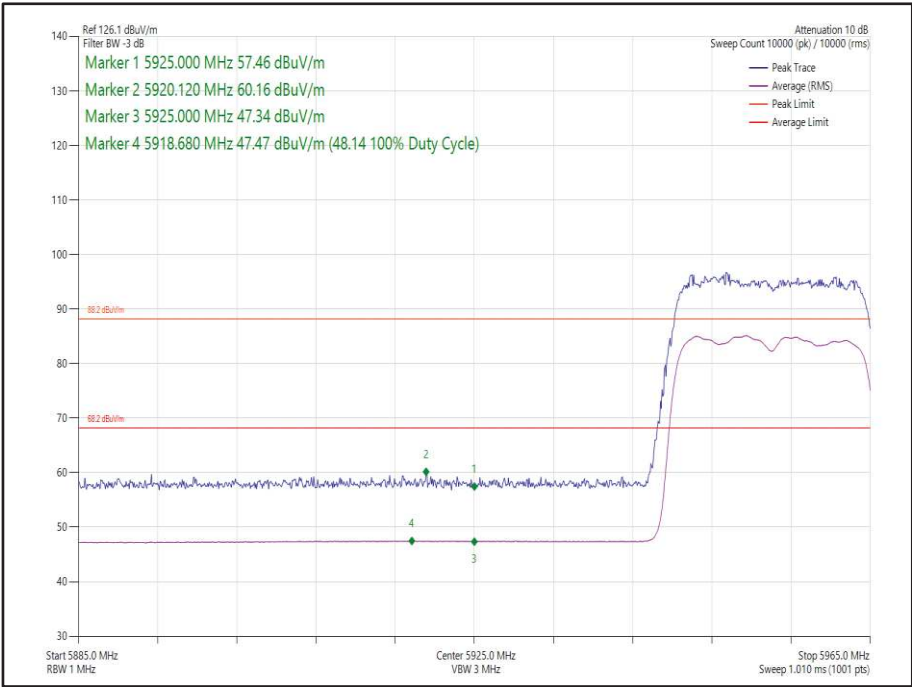


Figure 38 - 802.11ax HE20 SDM, Cores 0-1 SU - 5955 MHz, Band Edge Frequency 5925 MHz

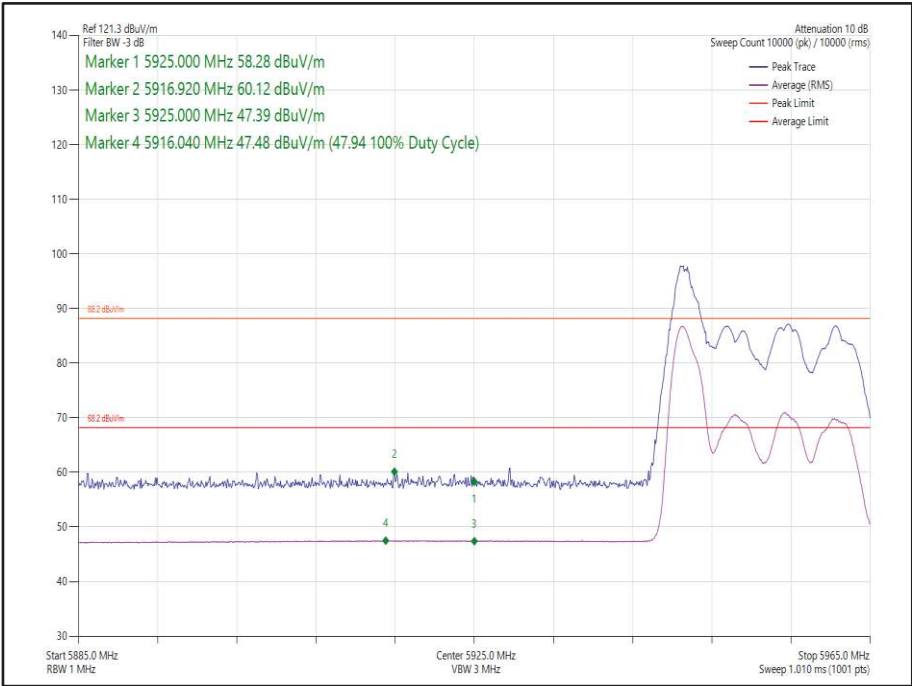


Figure 39 - 802.11ax HE20 SDM, Cores 0-1 26-0 - 5955 MHz, Band Edge Frequency 5925 MHz

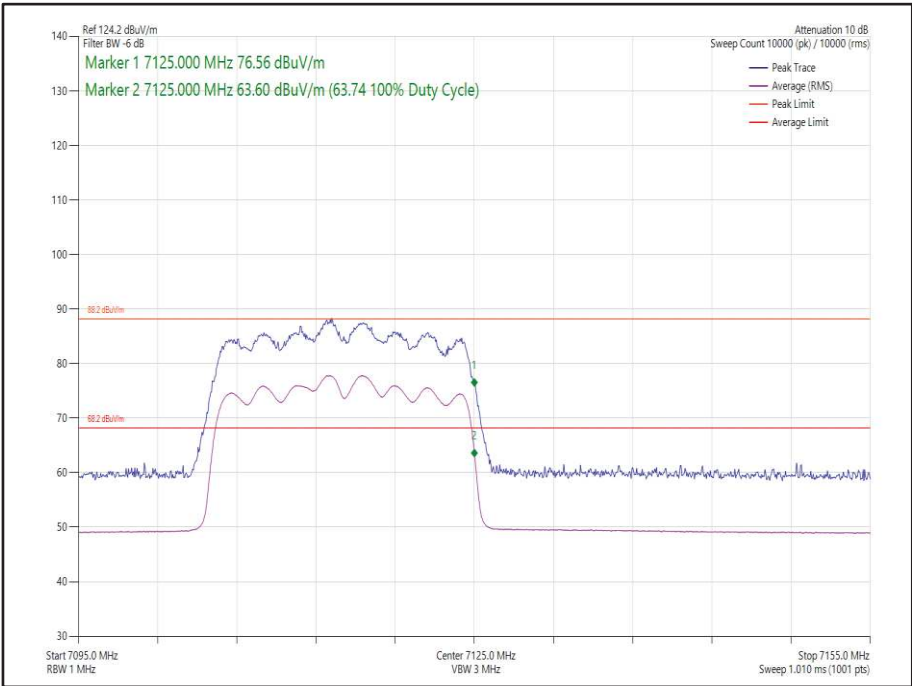


Figure 40 - 802.11ax HE20 CDD, Cores 0-1, SU - 7115 MHz, Band Edge Frequency 7125 MHz

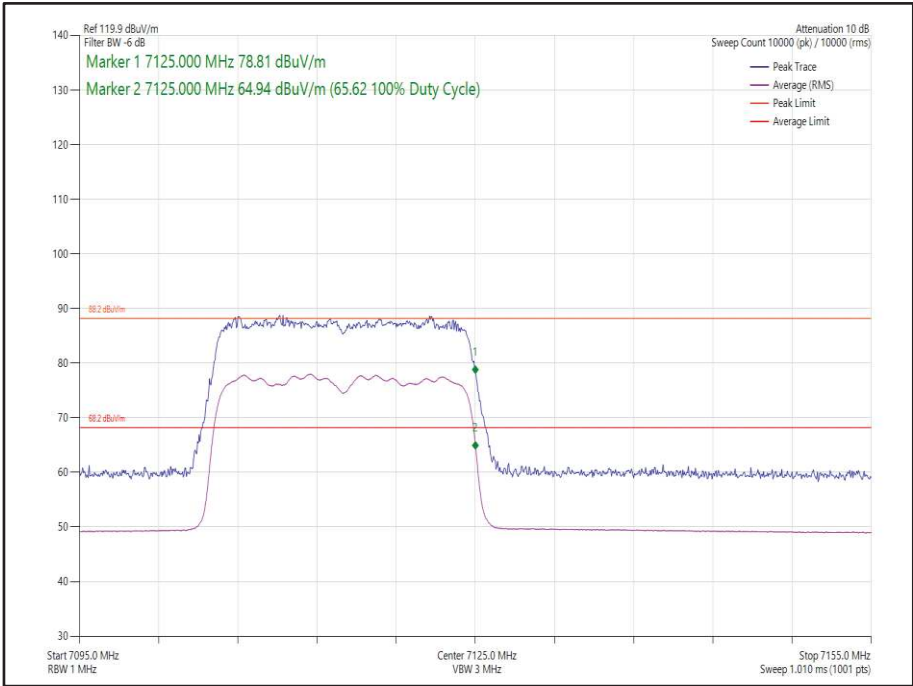


Figure 41 - - 802.11ax HE20 SDM, Cores 0-1, SU - 7115 MHz, Band Edge Frequency 7125 MHz



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 1	MCS 11x1	SU	-	5965	5925	57.48	45.91
802.11ax HE40, Core 1	MCS 11x1	26	0	5965	5925	58.16	45.73
802.11ax HE40, Core 1	MCS 11x1	SU	-	7085	7125	60.13	49.08
802.11ax HE40, Core 1	MCS 11x1	26	17	7085	7125	60.91	48.84

Table 324 - SISO Authorised Band Edge Results

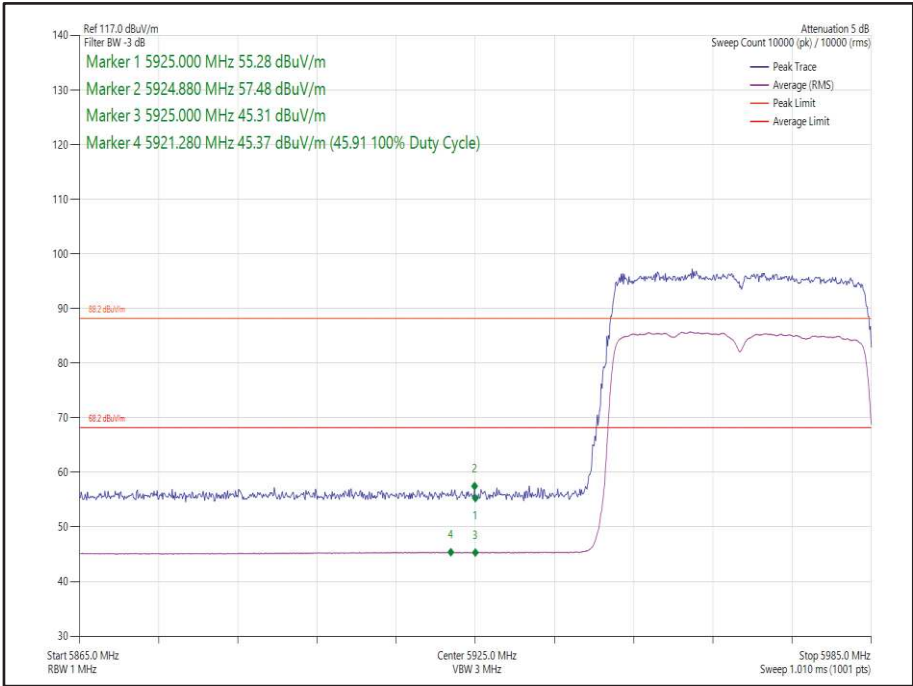


Figure 42 - 802.11ax HE40, Core 1, SU - 5965 MHz, Band Edge Frequency 5925 MHz

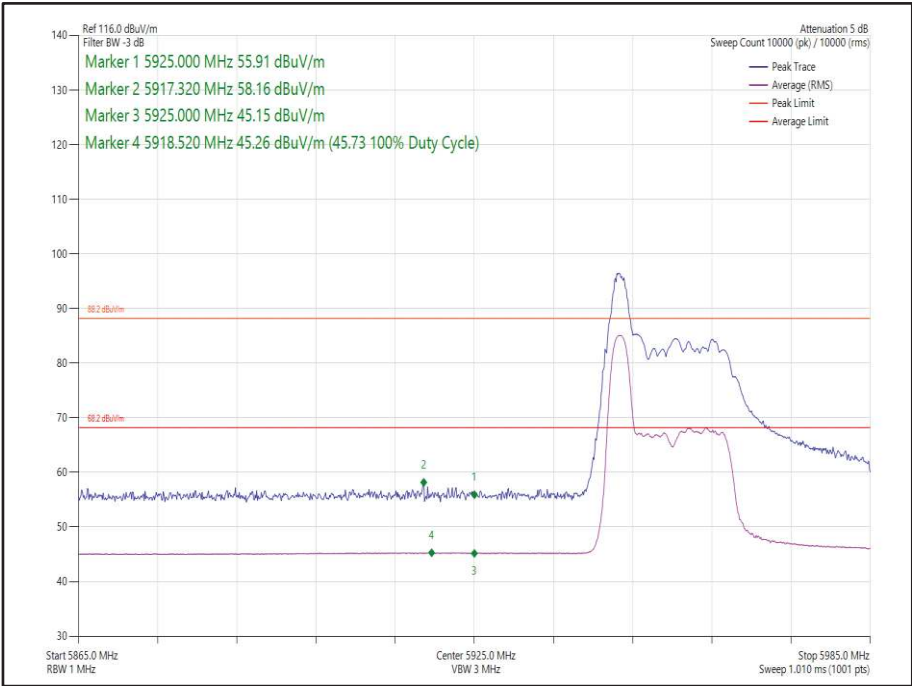


Figure 43 - 802.11ax HE40, Core 1, 26-0 - 5965 MHz, Band Edge Frequency 5925 MHz

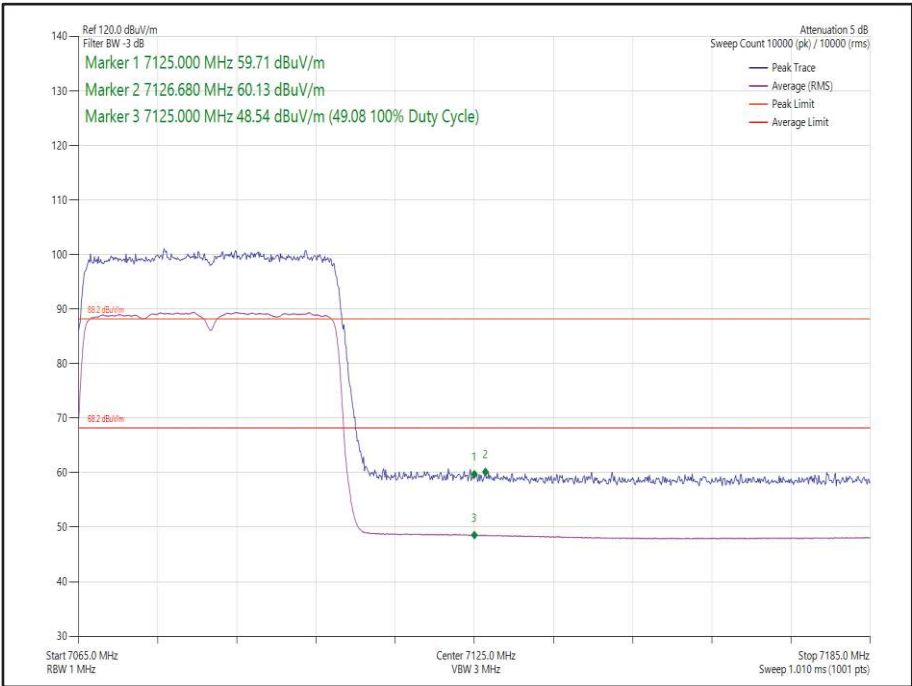


Figure 44 - 802.11ax HE40, Core 1, SU - 7085 MHz, Band Edge Frequency 7125 MHz

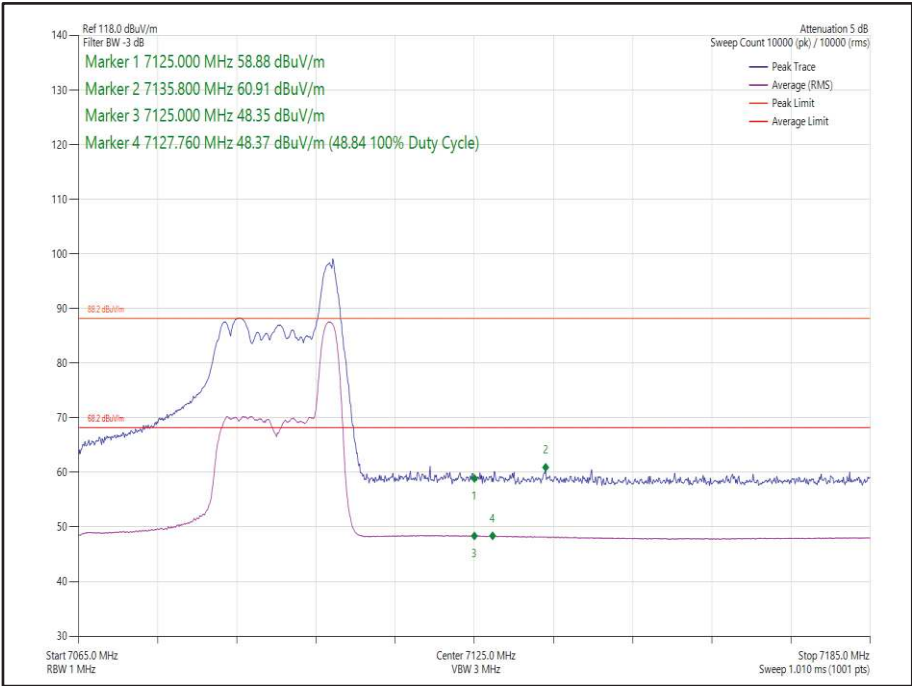


Figure 45 - 802.11ax HE40, Core 1, 26-17 - 7085 MHz, Band Edge Frequency 7125 MHz

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	57.48	45.33
802.11ax HE40 CDD, Cores 0-1	MCS 11x1	52	37	5965	5925	57.94	45.21
802.11ax HE40 SDM, Cores 0-1	MCS 11x2	SU	-	5965	5925	59.94	48.20
802.11ax HE40 SDM, Cores 0-1	MCS 11x2	26	0	5965	5925	59.46	47.95
802.11ax HE40 CDD, Cores 0-1	MCS 11x1	SU	-	7085	7125	58.47	46.87
802.11ax HE40 CDD, Cores 0-1	MCS 11x1	52	37	7085	7125	65.09	48.70
802.11ax HE40 SDM, Cores 0-1	MCS 11x2	SU	-	7085	7125	60.83	49.18
802.11ax HE40 SDM, Cores 0-1	MCS 11x2	26	17	7085	7125	60.72	48.80

Table 325 - MIMO 2TX Authorised Band Edge Results

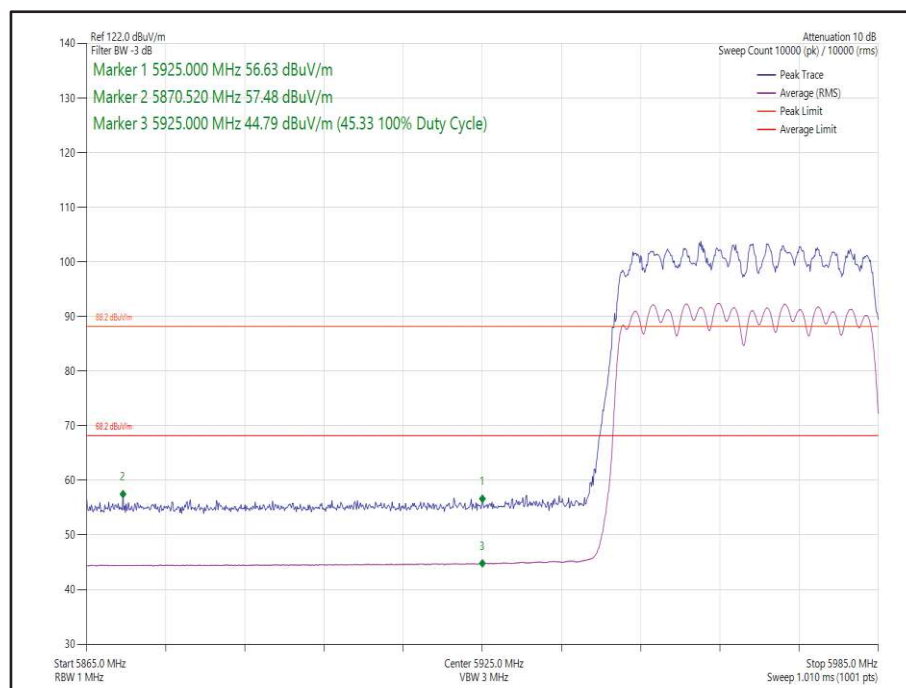


Figure 46 - 802.11ax HE40 CDD, Cores 0-1, SU - 5965 MHz, Band Edge Frequency 5925 MHz

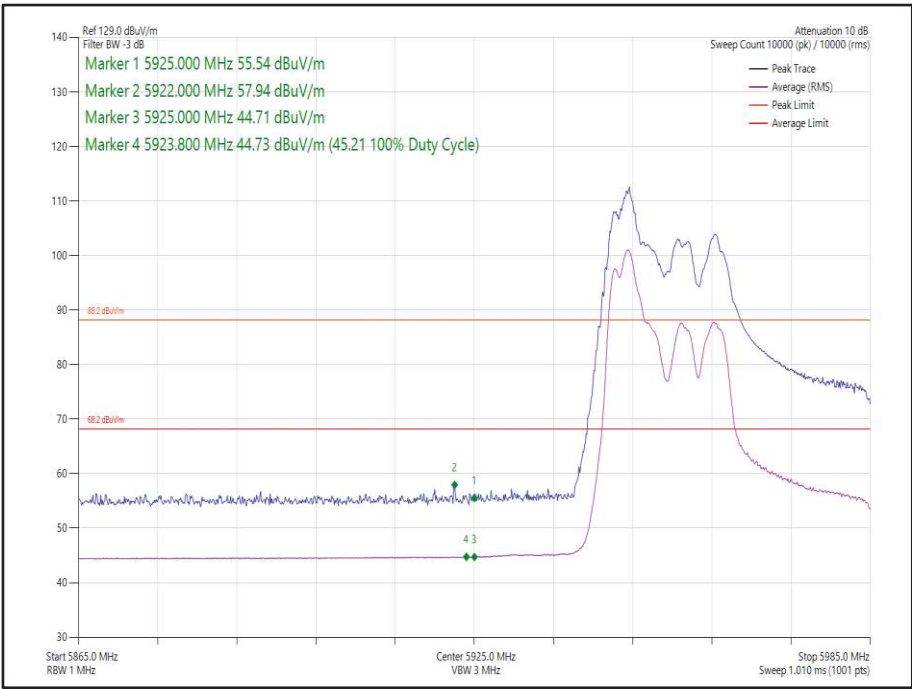


Figure 47 - 802.11ax HE40 CDD, Cores 0-1, 52-37 - 5965 MHz, Band Edge Frequency 5925 MHz

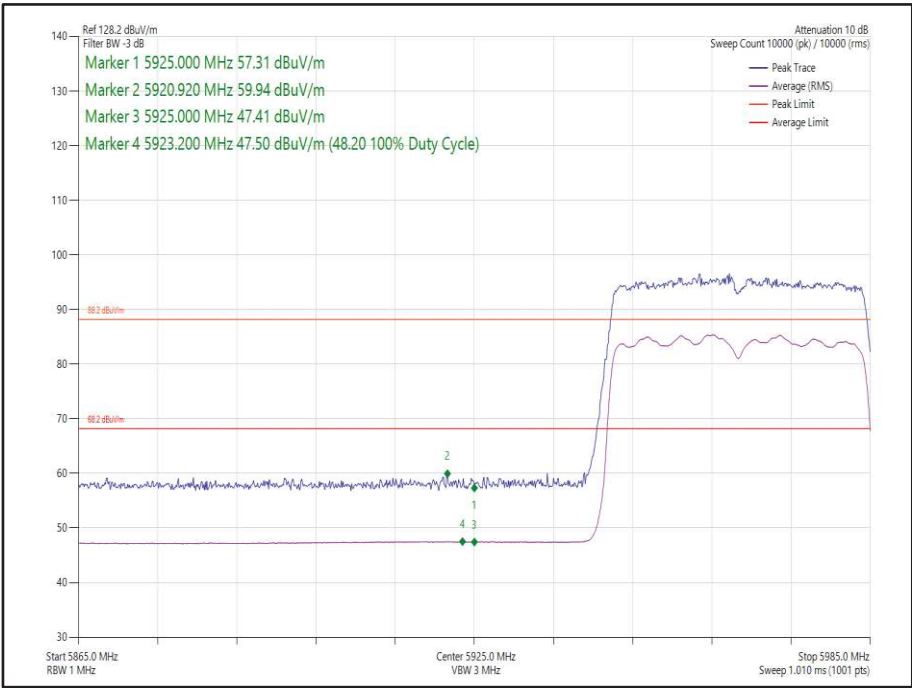


Figure 48 - 802.11ax HE40 SDM, Cores 0-1, SU - 5965 MHz, Band Edge Frequency 5925 MHz

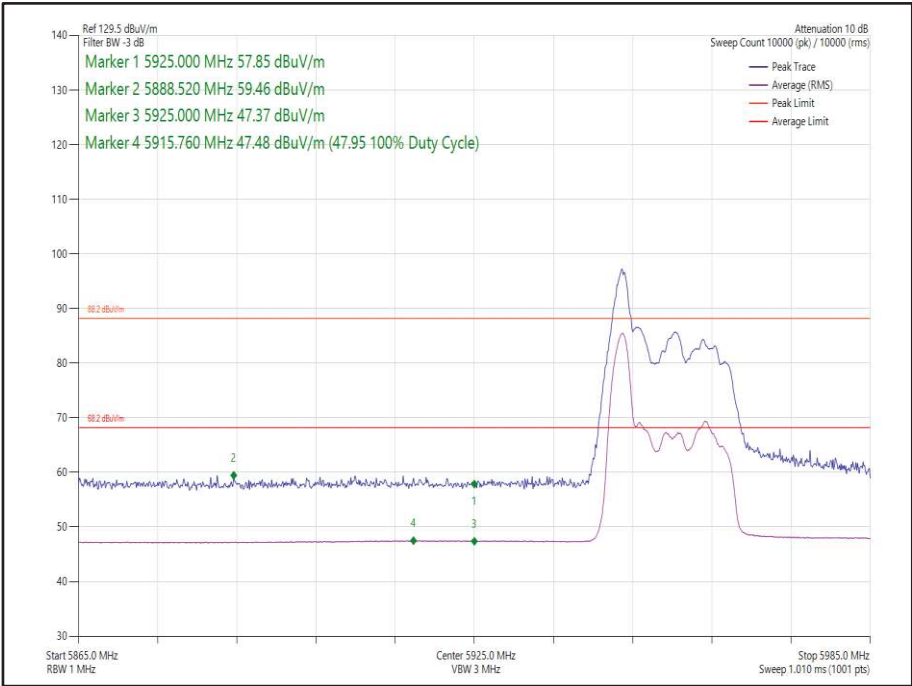


Figure 49 - 802. 11ax HE40 SDM, Cores 0-1, 26-0 - 5965 MHz, Band Edge Frequency 5925 MHz

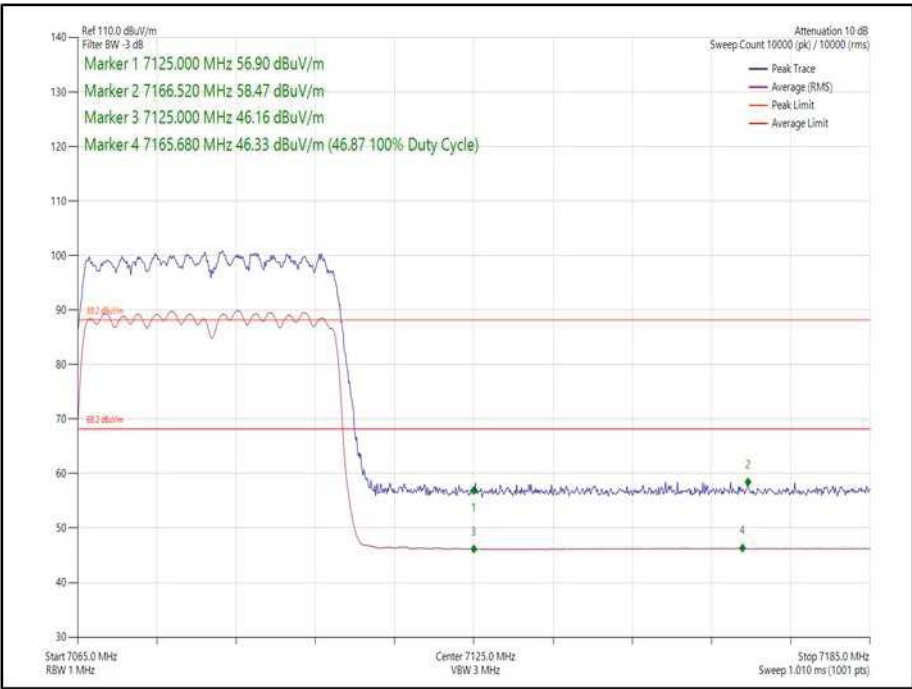


Figure 50 - 802.11ax HE40 CDD, Cores 0-1, SU - 7085 MHz, Band Edge Frequency 7125 MHz

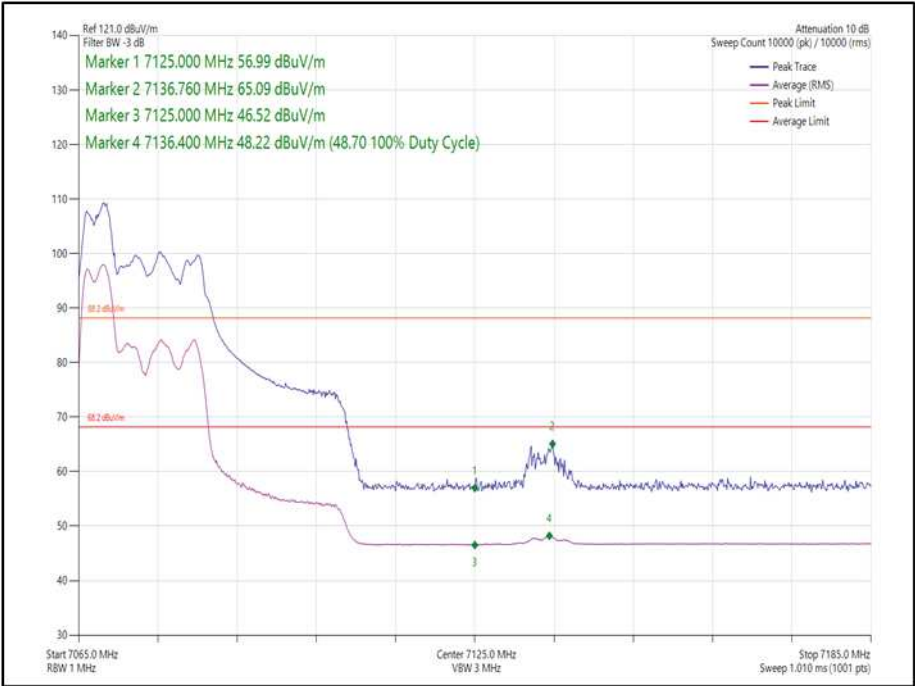


Figure 51 - 802.11ax HE40 CDD, Cores 0-1, 52-37 - 7085 MHz, Band Edge Frequency 7125 MHz

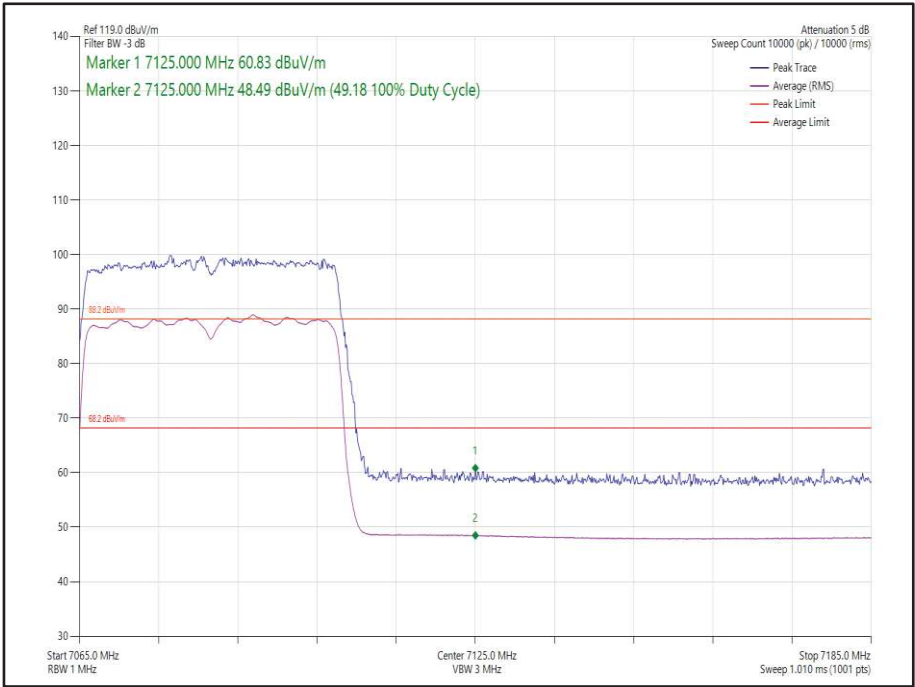


Figure 52 - 802.11ax HE40 SDM, Cores 0-1, SU - 7085 MHz, Band Edge Frequency 7125 MHz

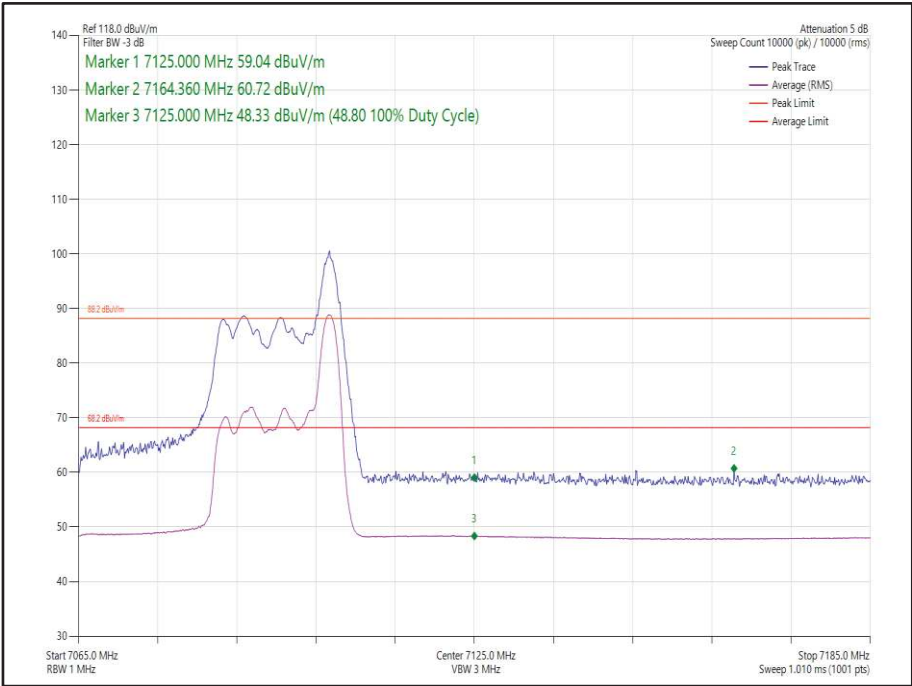


Figure 53 - 802.11ax HE40 SDM, Cores 0-1, 26-17 - 7085 MHz, Band Edge Frequency 7125 MHz



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 1	MCS11x 1	SU	-	5985	5925	58.08	46.11
802.11ax HE80, Core 1	MCS11x 1	26	0	5985	5925	57.28	45.91
802.11ax HE80, Core 1	MCS11x 1	SU	-	7025	7125	63.17	51.68
802.11ax HE80, Core 1	MCS11x 1	26	36	7025	7125	63.09	51.54

Table 326 - SISO Authorised Band Edge Results

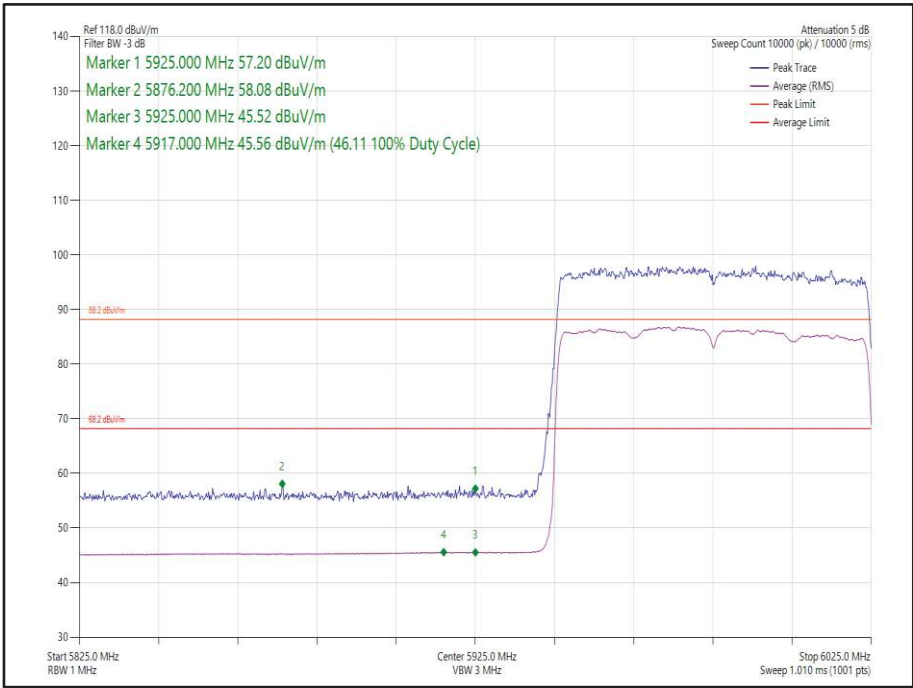


Figure 54 - 802.11ax HE80 Core 1 SU - 5985 MHz, Band Edge Frequency 5925 MHz

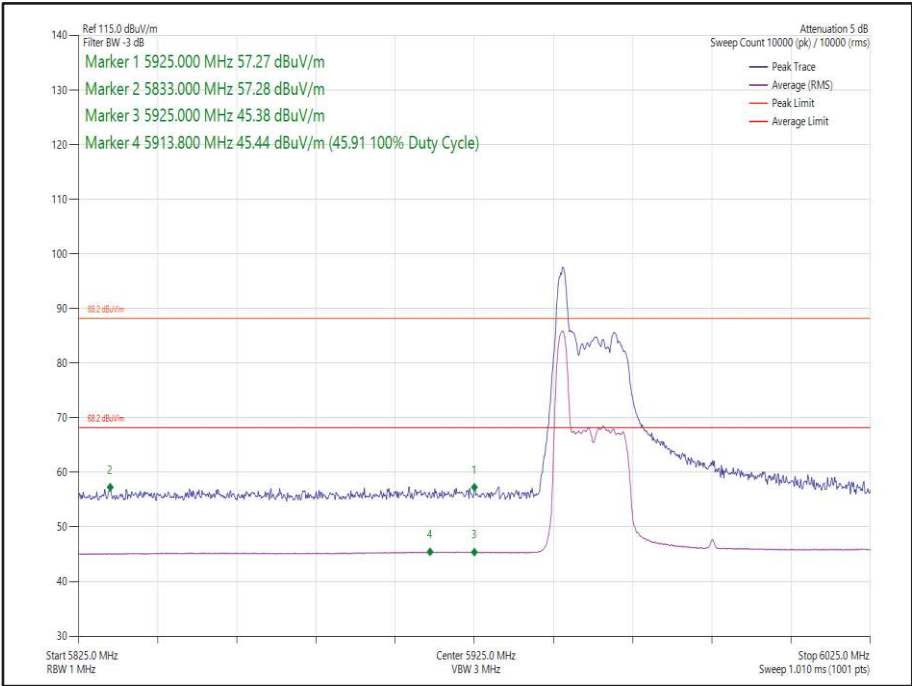


Figure 55 - 802.11ax HE80 Core 1 26-0- 5985 MHz, Band Edge Frequency 5925 MHz

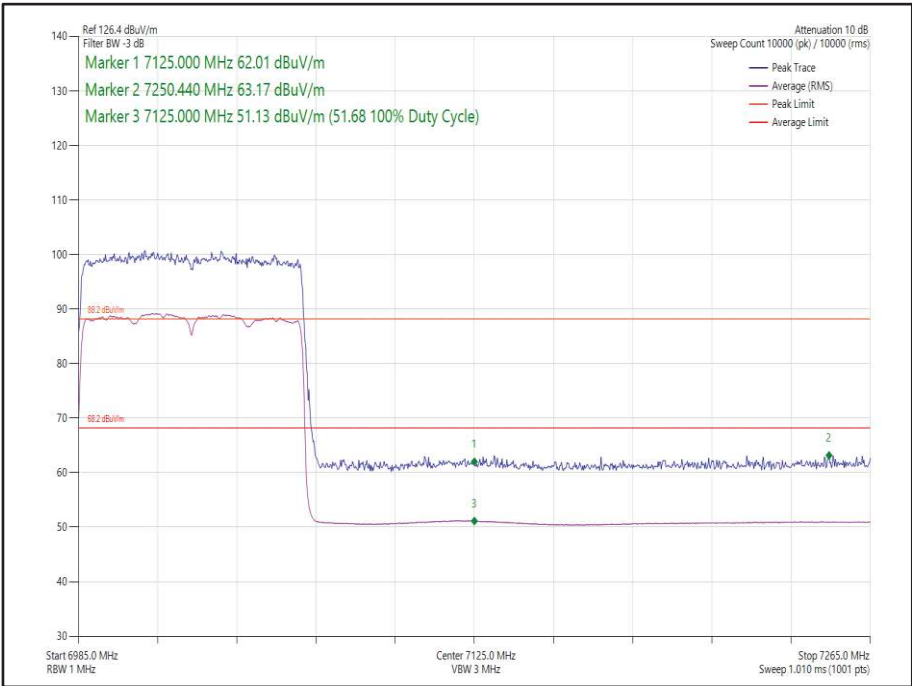


Figure 56 - 802.11ax HE80 Core 1 SU - 7025 MHz, Band Edge Frequency 7125 MHz

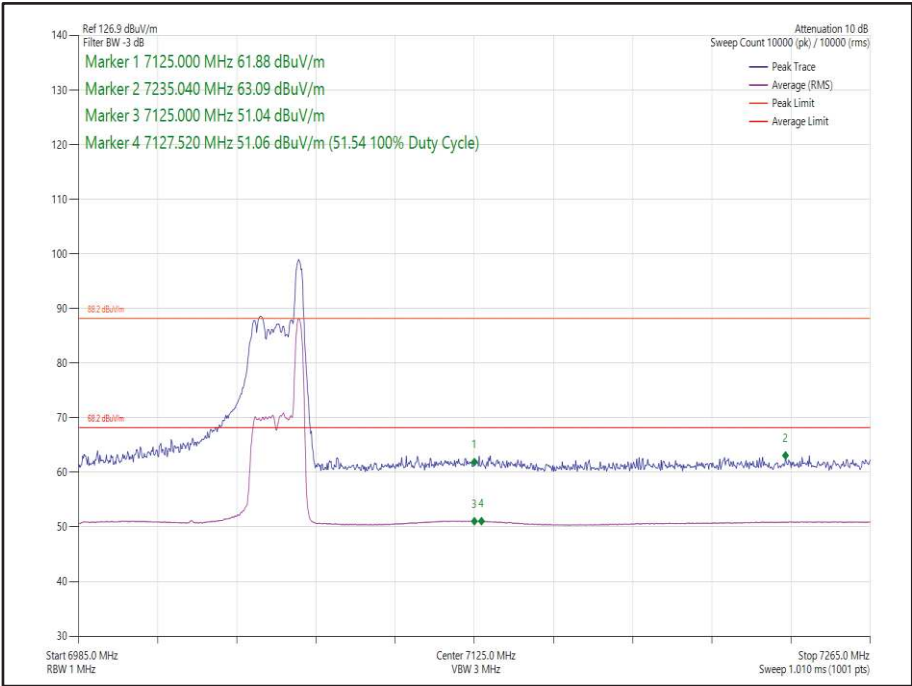


Figure 57 - 802.11ax HE80 Core 1 26-36 - 7025 MHz, Band Edge Frequency 7125 MHz

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	56.68	45.27
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	52	37	5985	5925	56.89	45.39
802.11ax HE80 SDM, Cores 0-1	MCS 11x2	SU	-	5985	5925	59.58	48.35
802.11ax HE80 SDM, Cores 0-1	MCS 11x2	26	0	5985	5925	59.43	47.94
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	SU	-	7025	7125	58.74	47.31
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	52	52	7025	7125	59.14	47.57
802.11ax HE80 SDM, Cores 0-1	MCS 11x2	SU	-	7025	7125	60.44	49.09
802.11ax HE80 SDM, Cores 0-1	MCS 11x2	26	36	7025	7125	61.28	48.77

Table 327 - MIMO 2TX Authorised Band Edge Results

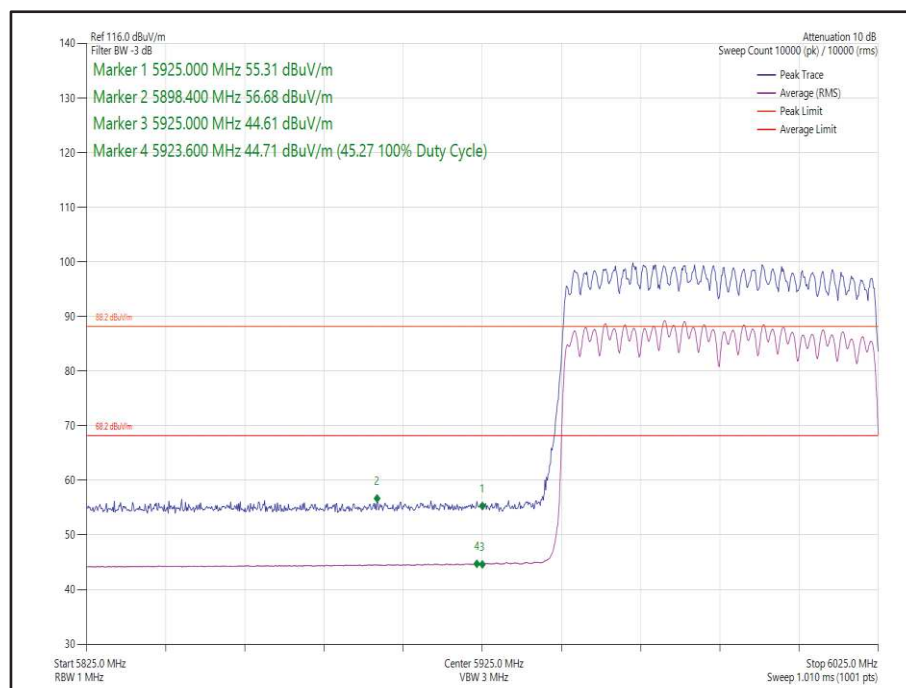


Figure 58 - 802.11ax HE80 CDD, Cores 0-1, SU - 5985 MHz, Band Edge Frequency 5925 MHz

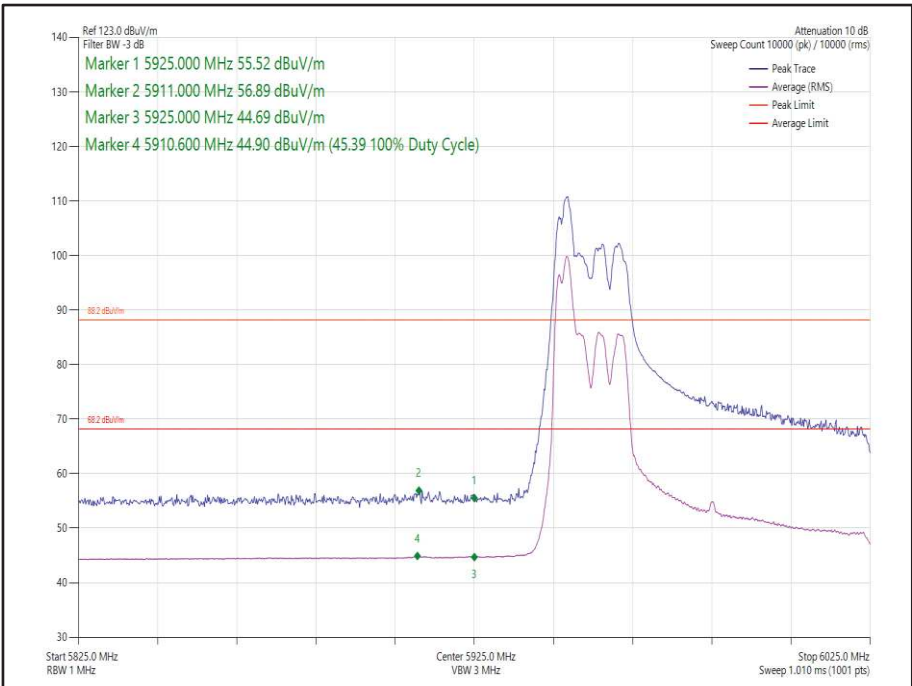


Figure 59 - 802.11ax HE80 CDD, Cores 0-1, 52-37- 5985 MHz, Band Edge Frequency 5925 MHz

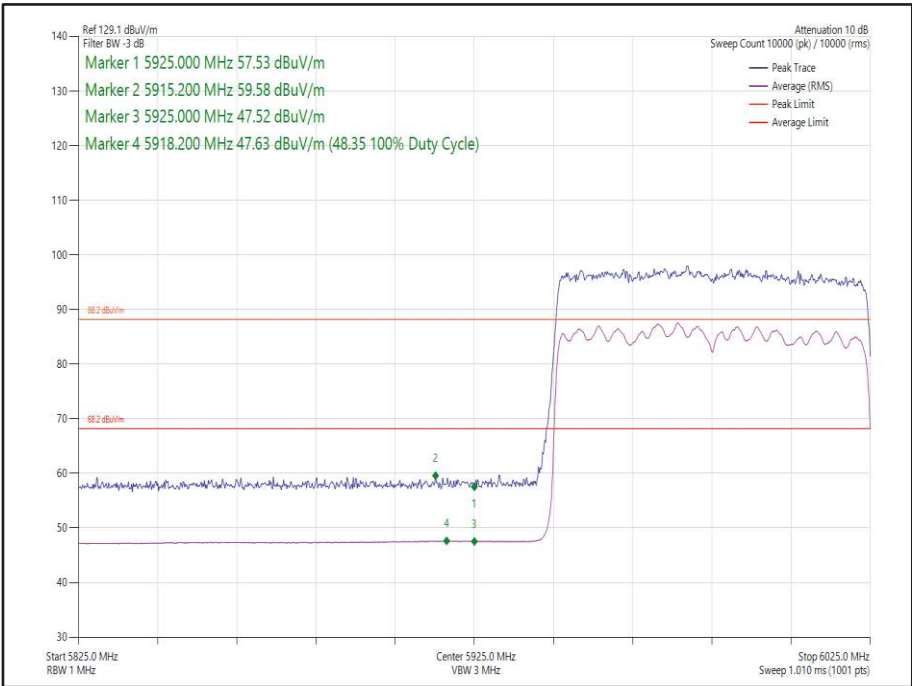


Figure 60 - 802.11ax HE80 SDM, Cores 0-1, SU - 5985 MHz, Band Edge Frequency 5925 MHz

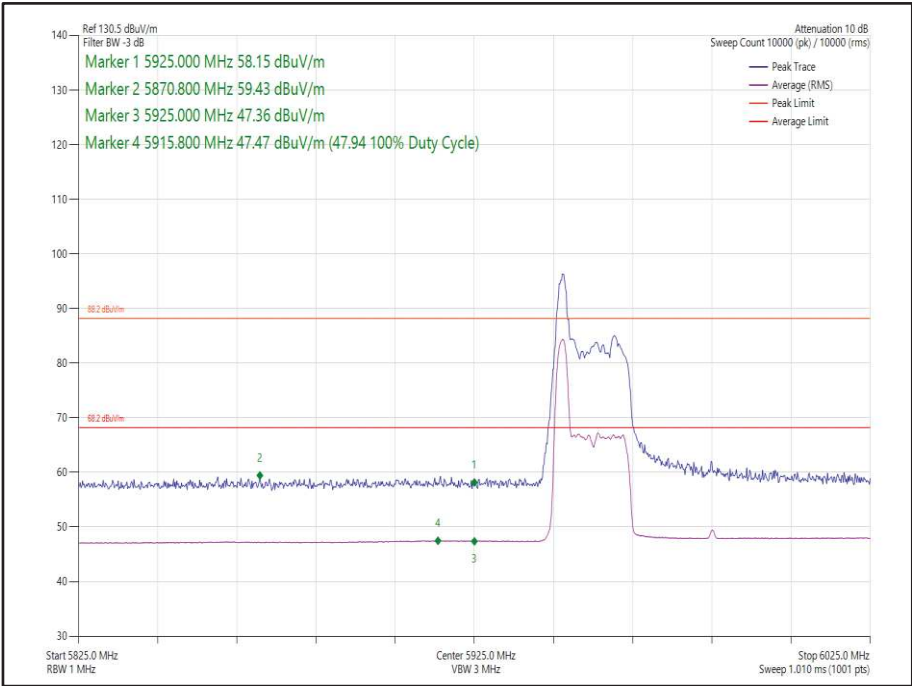


Figure 61 - 802.11ax HE80 SDM, Cores 0-1, 26-0 - 5985 MHz, Band Edge Frequency 5925 MHz

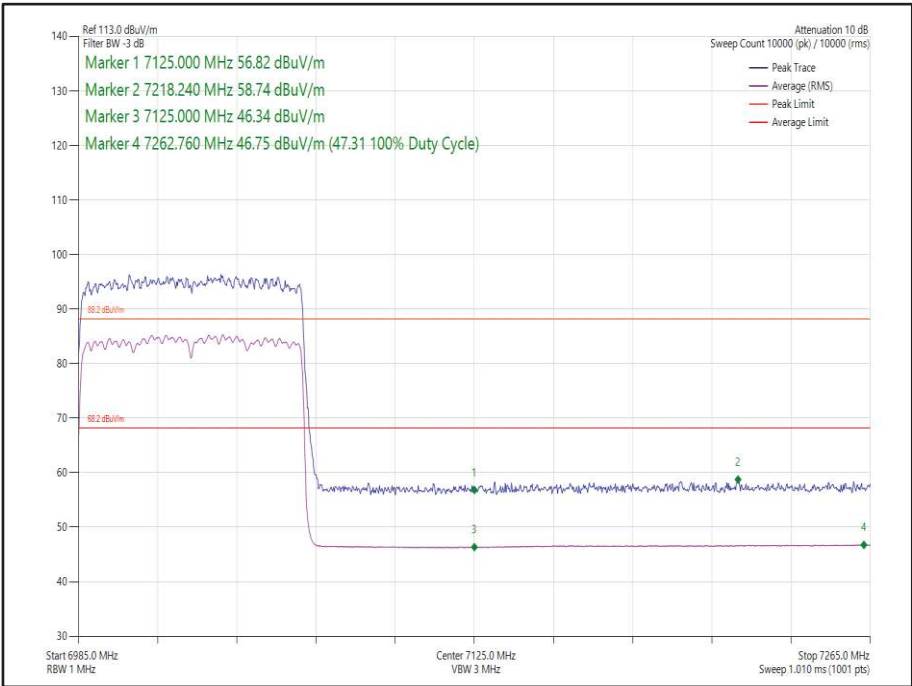


Figure 62 - 802.11ax HE80 CDD, Cores 0-1, SU - 7025 MHz, Band Edge Frequency 7125 MHz

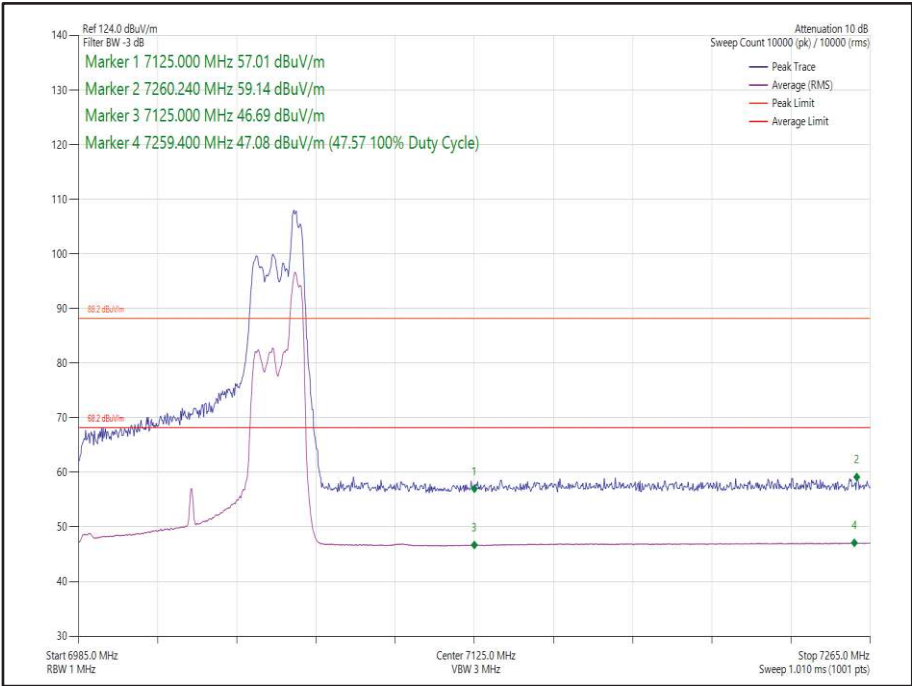


Figure 63 - 802.11ax HE80 CDD, Cores 0-1, 52-52- 7025 MHz, Band Edge Frequency 7125 MHz

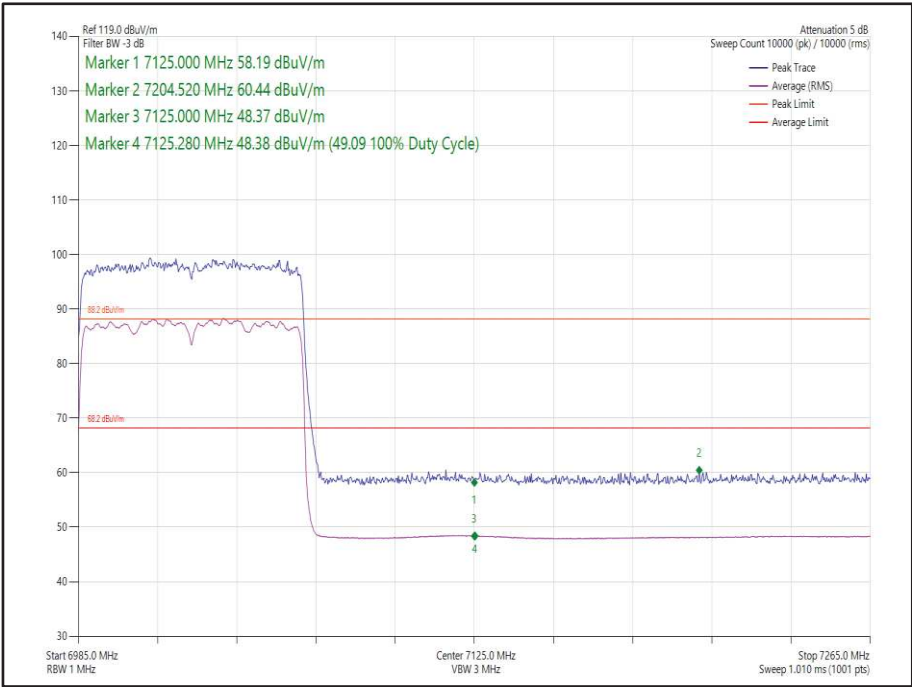


Figure 64 - 802.11ax HE80 SDM, Cores 0-1, SU - 7025 MHz, Band Edge Frequency 7125 MHz

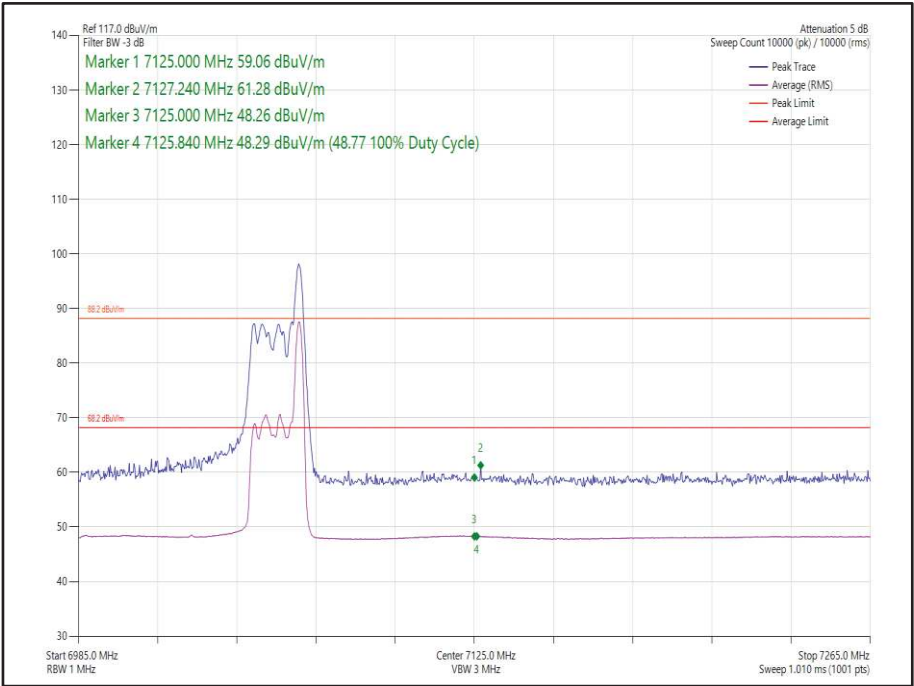


Figure 65 - 802.11ax HE80 SDM, Cores 0-1, 26-36 - 7025 MHz, Band Edge Frequency 7125 MHz



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 1	MCS4x1	SU	-	6025	5925	56.43	44.77
802.11ax HE160, Core 1	MCS11x 1	26	0	6025	5925	57.90	45.86
802.11ax HE160, Core 1	MCS11x 1	SU	-	6985	7125	59.10	47.23
802.11ax HE160, Core 1	MCS11x 1	26	36	6985	7125	63.45	51.53

Table 328 - SISO Authorised Band Edge Results

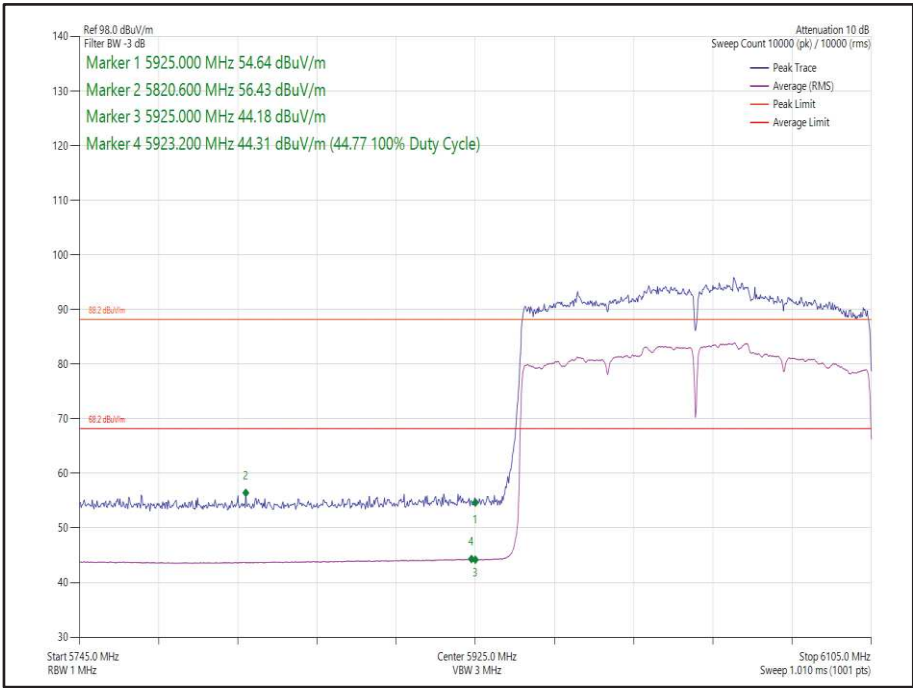


Figure 66 - 802.11ax HE160 Core 1 SU - 6025 MHz, Band Edge Frequency 5925 MHz

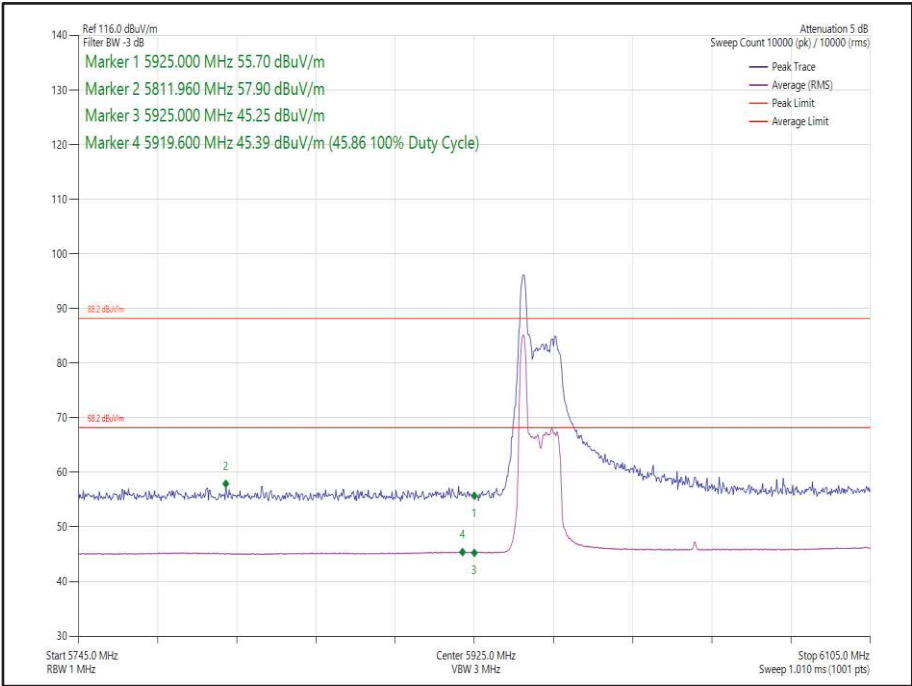


Figure 67 - 802.11ax HE160 Core 1 26-0- 6025 MHz, Band Edge Frequency 5925 MHz

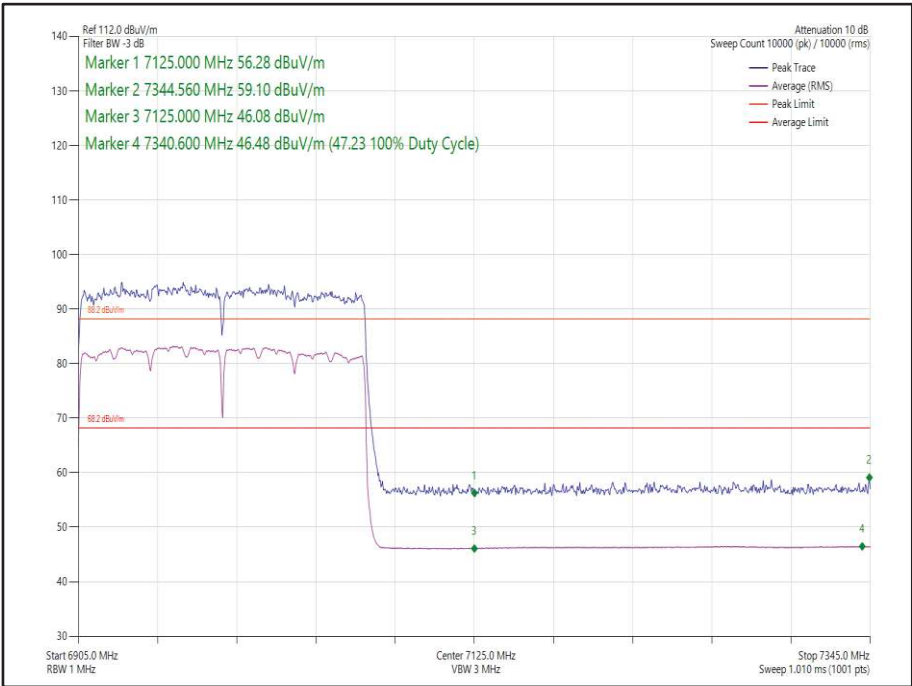


Figure 68 - 802.11ax HE160 Core 1 SU - 6985 MHz, Band Edge Frequency 7125 MHz

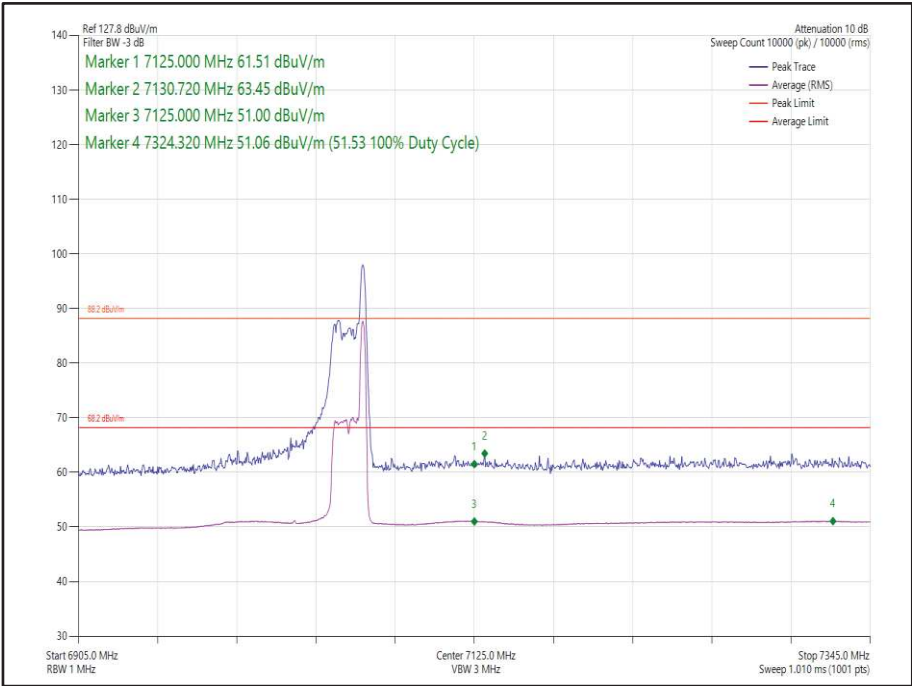


Figure 69 - 802.11ax HE160 Core 1 26-36- 6985 MHz, Band Edge Frequency 7125 MHz

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	57.98	46.42
802.11ax HE160 CDD, Cores 0-1	MCS 11x1	52	37	6025	5925	58.64	46.05
802.11ax HE160 SDM, Cores 0-1	MCS 11x2	SU	-	6025	5925	58.25	46.04
802.11ax HE160 SDM, Cores 0-1	MCS 11x2	26	0	6025	5925	59.81	47.96
802.11ax HE160 CDD, Cores 0-1	MCS 11x1	SU	-	6985	7125	58.84	47.35
802.11ax HE160 CDD, Cores 0-1	MCS 11x1	52	52	6985	7125	60.43	48.36
802.11ax HE160 SDM, Cores 0-1	MCS 11x2	SU	-	6985	7125	59.45	47.54
802.11ax HE160 SDM, Cores 0-1	MCS 11x2	26	36	6985	7125	60.69	48.93

Table 329 - MIMO 2TX Authorised Band Edge Results

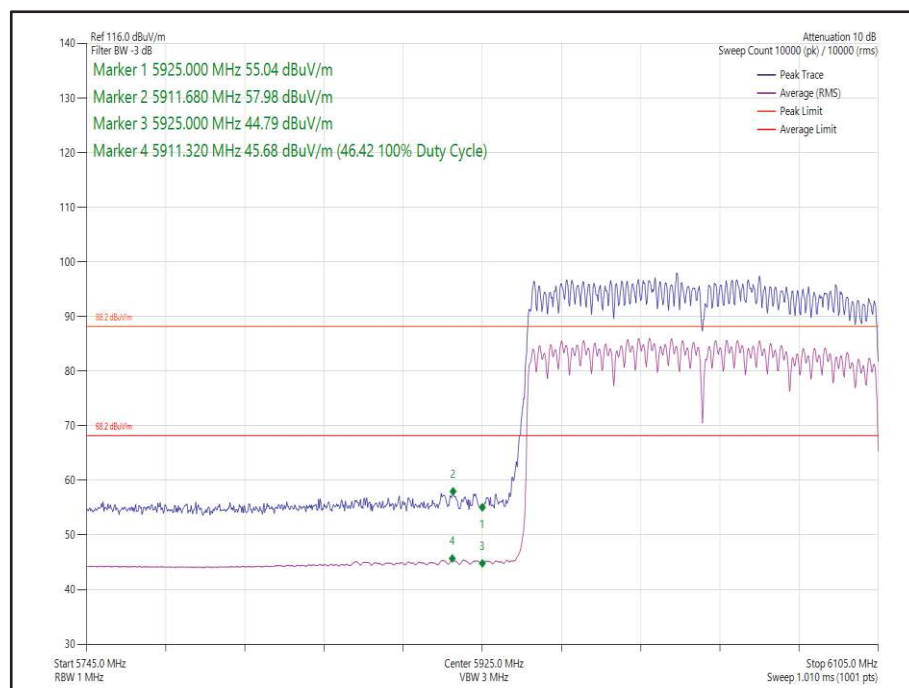


Figure 70 - 802.11ax HE160 CDD, Cores 0-1, SU - 6025 MHz, Band Edge Frequency 5925 MHz

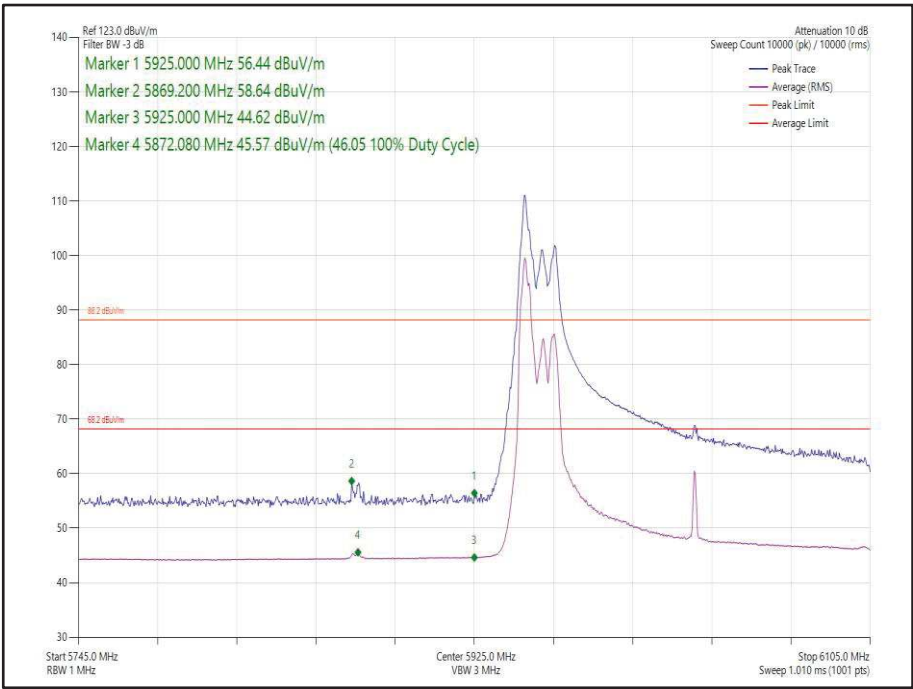


Figure 71 - 802.11ax HE160 CDD, Cores 0-1, 52-37- 6025 MHz, Band Edge Frequency 5925 MHz

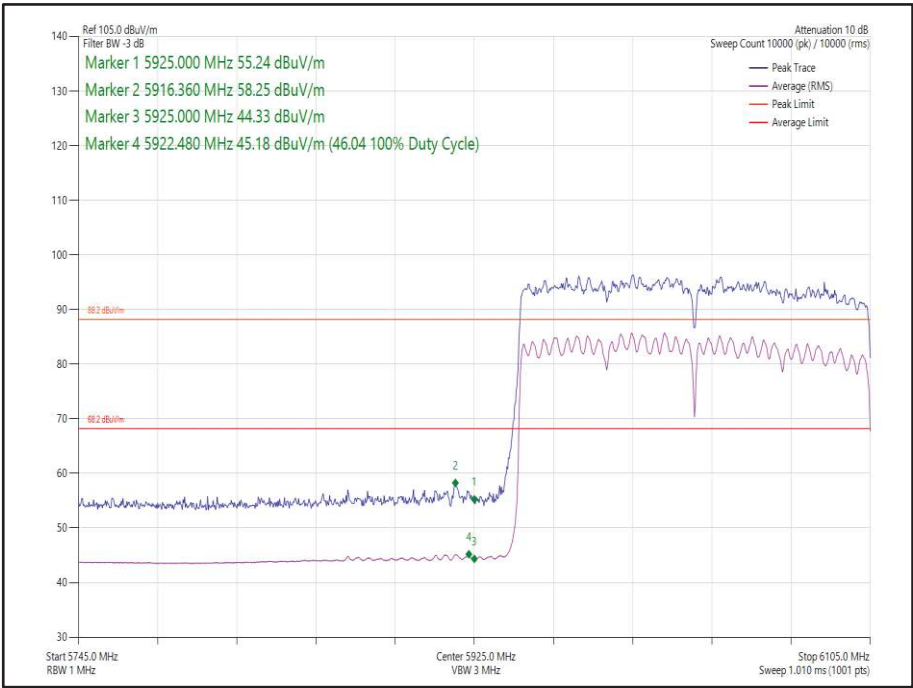


Figure 72 - 802.11ax HE160 SDM, Cores 0-1, SU - 6025 MHz, Band Edge Frequency 5925 MHz

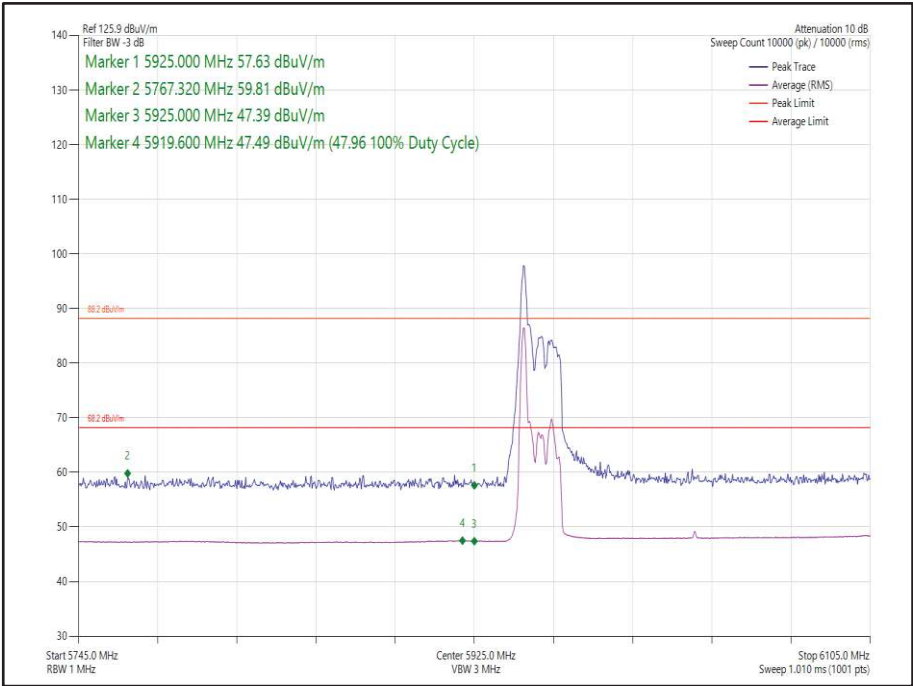


Figure 73 - 802.11ax HE160 SDM, Cores 0-1, 26-0 - 6025 MHz, Band Edge Frequency 5925 MHz

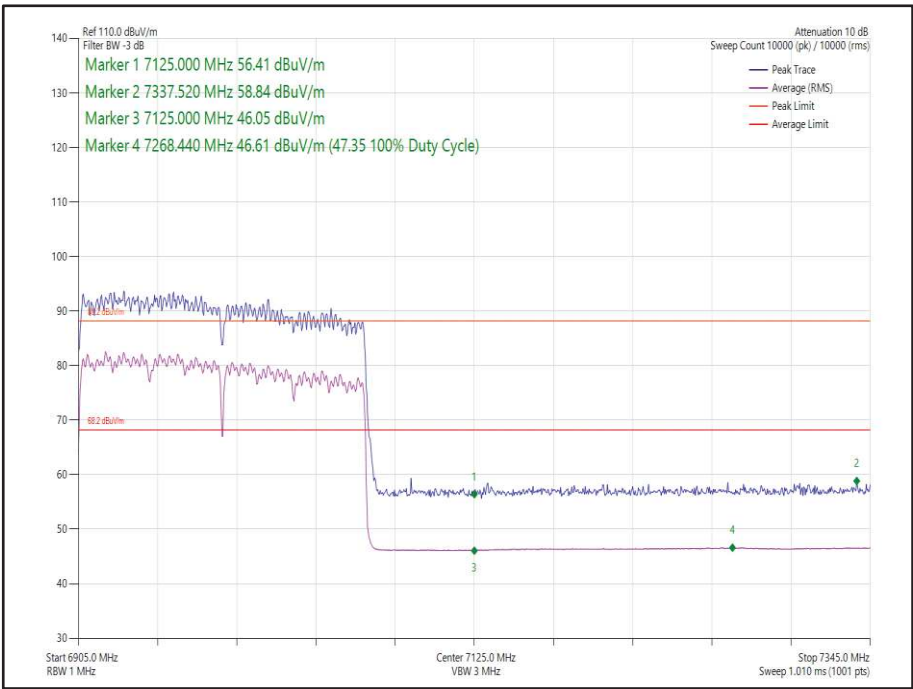


Figure 74 - 802.11ax HE160 CDD, Cores 0-1, SU - 6985 MHz, Band Edge Frequency 7125 MHz

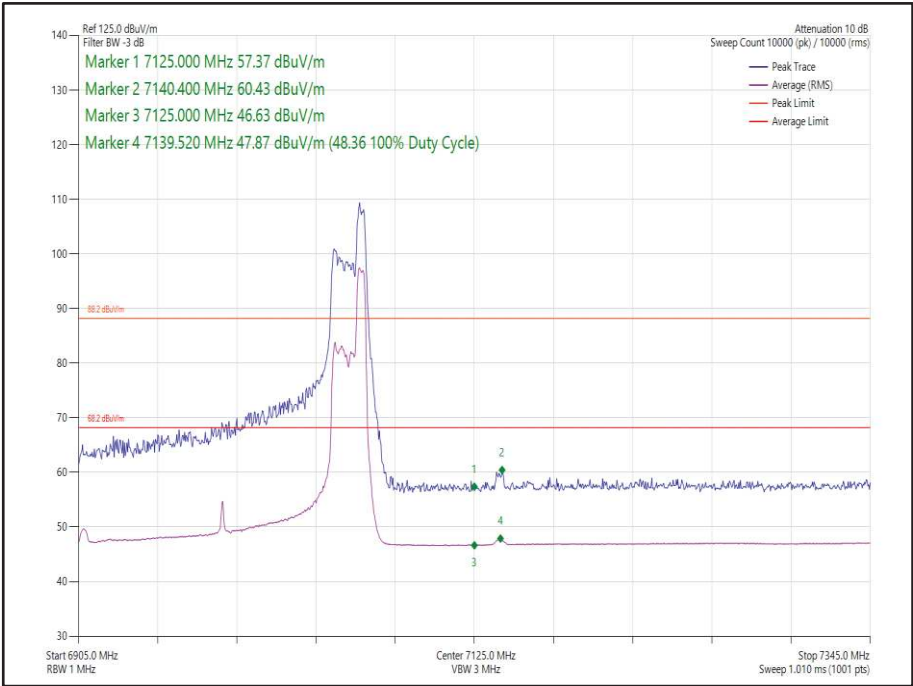


Figure 75 - 802.11ax HE160 CDD, Cores 0-1, 52-52- 6985 MHz, Band Edge Frequency 7125 MHz

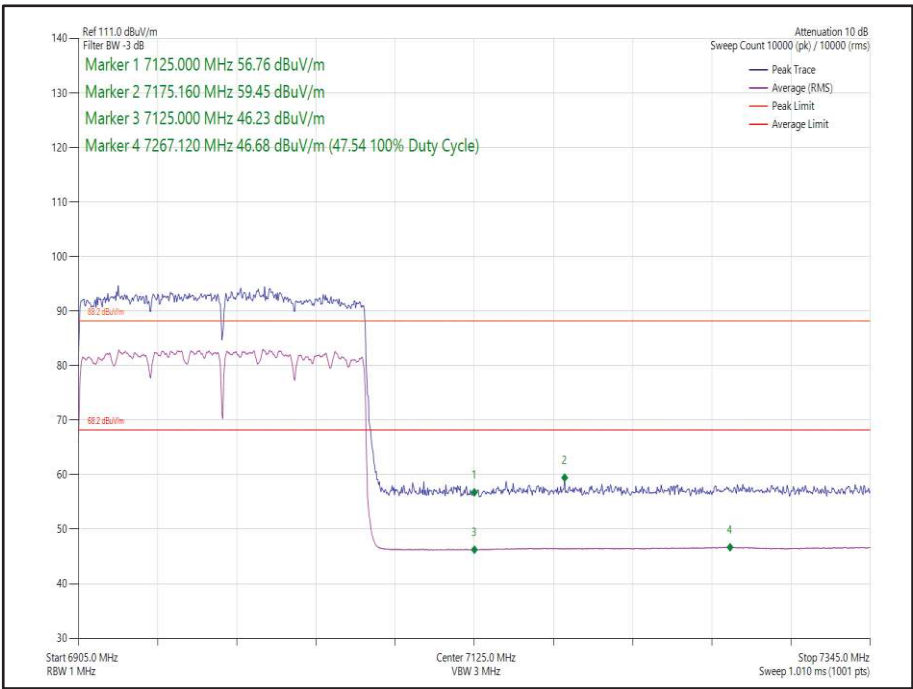


Figure 76 - 802.11ax HE160 SDM, Cores 0-1, SU - 6985 MHz, Band Edge Frequency 7125 MHz

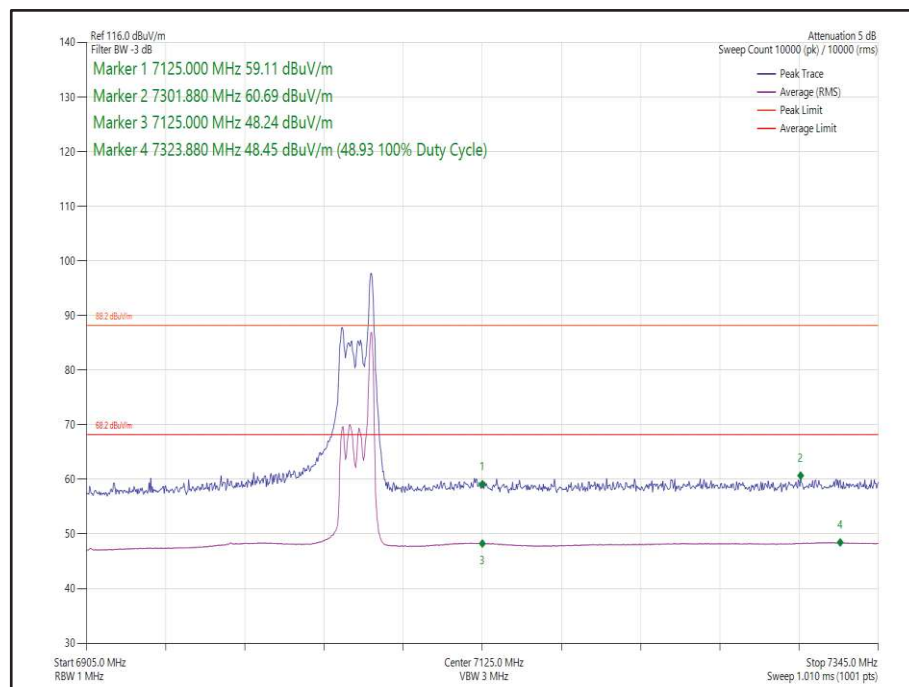


Figure 77 - 802.11ax HE160 SDM, Cores 0-1, 26-36 - 6985 MHz, Band Edge Frequency 7125 MHz

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 5 and RF Chamber 14.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Screened Room (5)	Rainford	Rainford	1545	36	15-Apr-2024
Turntable Controller	Inn-Co GmbH	CO 1000	1606	-	TU
Mast Controller	Maturo GmbH	NCD	4810	-	TU
Tilt Antenna Mast	Maturo GmbH	TAM 4.0-P	4811	-	TU
Antenna (DRG 1-10.5GHz)	Schwarzbeck	BBHA9120B	4848	12	28-May-2023
WR90 / WG16 to SMA Adaptor	Quasar	QWC18SB-UBR-SMA-F	5144	-	O/P Mon
Preamplifier (30dB 1GHz to 18GHz)	Schwarzbeck	BBV 9718 C	5261	12	08-Apr-2023
Attenuator 5W 10dB DC-18GHz	Aaren	AT40A-4041-D18-10	5492	12	11-Apr-2023
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	5513	12	12-Apr-2023
Cable (SMA to SMA, 2 m)	Junkosha	MWX221-02000AMSAMS/A	5517	12	12-Apr-2023
Cable (N-Type to N-Type, 8 m)	Junkosha	MWX221-08000NMSNMS/B	5520	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
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
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6141	12	21-Jun-2023
SAC Switch Unit	TUV SUD	SSU001	6144	12	07-Jul-2023
Humidity & Temperature meter	R.S Components	1364	6150	12	17-Jun-2023

Table 330

TU – Traceability Unscheduled

O/P Mon – Output Monitored using calibrated equipment



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

A2686, S/N: F4W3G4XCD4 - Modification State 0

2.5.3 Date of Test

11-October-2022 to 02-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 °C
Relative Humidity	30.6 %



2.5.6 Test Results

6 GHz WLAN

SISO

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11a	5.06	6917.600
802.11ax HE20 SU	3.23	7159.500
802.11ax HE40 SU	7.03	6785.320
802.11ax HE80 SU	6.53	5816.160
802.11ax HE160 SU	0.31	6936.000
802.11ax HE20 RU106	7.20	5986.100
802.11ax HE20 RU26	6.76	6002.300
802.11ax HE20 RU52	6.91	6527.800

Table 331 - Unwanted Emissions Within the RLAN Band Summary Results

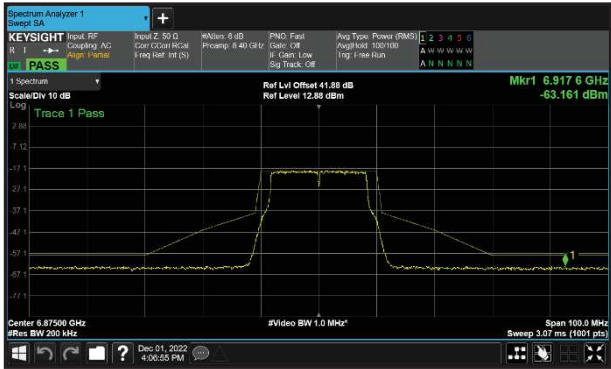


Figure 78 - B (Core 1) 802.11a 6875 MHz (CH185)

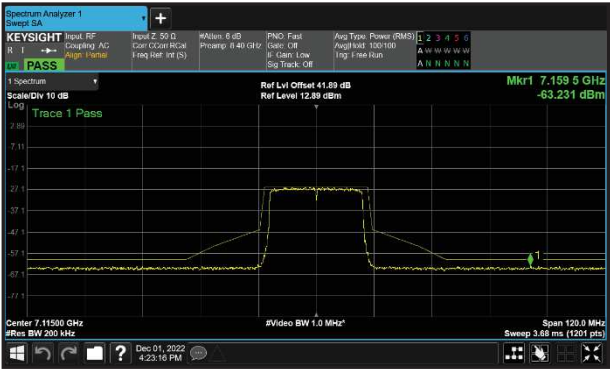


Figure 79 - B (Core 1) 802.11ax HE20 SU 7115 MHz (CH233)

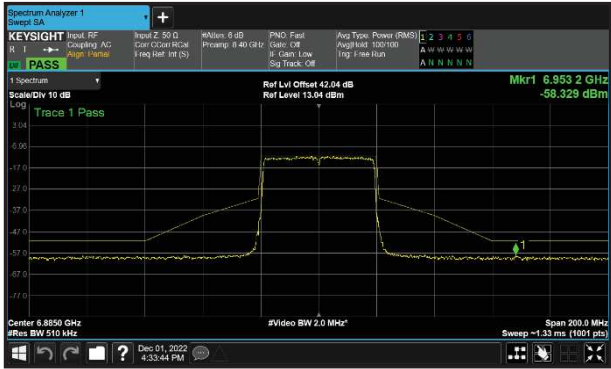


Figure 80 - B (Core 1) 802.11ax HE40 SU 6885 MHz (CH187)



Figure 81 - B (Core 1) 802.11ax HE80 SU 5985 MHz (CH7)



Figure 82 - B (Core 1) 802.11ax HE160 SU 6665 MHz (CH143)



Figure 83 - B (Core 1) 802.11ax HE20 RU106 5955 MHz (CH1)



Figure 84 - B (Core 1) 802.11ax HE20 RU26
5955 MHz (CH1)



Figure 85 - B (Core 1) 802.11ax HE20 RU52
6475 MHz (CH105)



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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	-	6.31	-	-
6175	-	9.63	-	-
6415	-	8.92	-	-
6435	-	5.96	-	-
6475	-	6.46	-	-
6515	-	6.28	-	-
6535	-	8.52	-	-
6695	-	7.91	-	-
6855	-	5.29	-	-
6875	-	5.06	-	-
6895	-	8.60	-	-
6995	-	9.24	-	-
7115	-	7.56	-	-

Table 332 - 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 HE20 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 1)	Active Chain Id(s):	1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	-	6.62	-	-
6175	-	9.70	-	-
6415	-	8.40	-	-
6435	-	6.24	-	-
6475	-	6.71	-	-
6515	-	8.38	-	-
6535	-	8.45	-	-
6695	-	8.47	-	-
6855	-	7.55	-	-
6875	-	5.02	-	-
6895	-	8.96	-	-
6995	-	8.61	-	-
7115	-	3.23	-	-

Table 333 - 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 HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 1)	Active Chain Id(s):	1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5965	-	7.26	-	-
6165	-	8.60	-	-
6405	-	7.81	-	-
6445	-	7.27	-	-
6485	-	7.51	-	-
6525	-	7.90	-	-
6565	-	7.25	-	-
6685	-	6.93	-	-
6845	-	7.43	-	-
6885	-	7.03	-	-
6925	-	8.63	-	-
7005	-	8.36	-	-
7085	-	8.46	-	-

Table 334 - 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 HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 1)	Active Chain Id(s):	1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5985	-	6.53	-	-
6145	-	8.57	-	-
6385	-	8.01	-	-
6465	-	7.28	-	-
6545	-	7.16	-	-
6625	-	6.90	-	-
6705	-	7.56	-	-
6785	-	7.68	-	-
6865	-	7.46	-	-
6945	-	8.26	-	-
7025	-	8.47	-	-

Table 335 - 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):	B (Core 1)	Active Chain Id(s):	1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6025	-	2.17	-	-
6185	-	1.80	-	-
6345	-	2.13	-	-
6505	-	1.06	-	-
6665	-	0.31	-	-
6825	-	3.67	-	-
6985	-	2.93	-	-

Table 336 - 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 HE20 RU26	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 1)	Active Chain Id(s):	1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU26.0)	-	6.76	-	-
6175 (RU26.0)	-	8.81	-	-
6415 (RU26.8)	-	7.49	-	-
6435 (RU26.0)	-	6.88	-	-
6475 (RU26.0)	-	7.16	-	-
6515 (RU26.8)	-	7.76	-	-
6535 (RU26.0)	-	8.08	-	-
6695 (RU26.0)	-	7.13	-	-
6855 (RU26.8)	-	7.24	-	-
6875 (RU26.3)	-	7.13	-	-
6875 (RU26.5)	-	7.12	-	-
6895 (RU26.0)	-	8.64	-	-
6995 (RU26.0)	-	8.18	-	-
7095 (RU26.8)	-	8.67	-	-

Table 337 - 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 HE20 RU52	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 1)	Active Chain Id(s):	1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU52.37)	-	7.02	-	-
6175 (RU52.37)	-	9.12	-	-
6415 (RU52.40)	-	8.06	-	-
6435 (RU52.37)	-	7.32	-	-
6475 (RU52.37)	-	6.91	-	-
6515 (RU52.40)	-	7.49	-	-
6535 (RU52.37)	-	8.25	-	-
6695 (RU52.37)	-	7.44	-	-
6855 (RU52.40)	-	7.55	-	-
6875 (RU52.38)	-	7.17	-	-
6875 (RU52.39)	-	7.72	-	-
6895 (RU52.37)	-	8.66	-	-
6995 (RU52.37)	-	8.87	-	-
7095 (RU52.40)	-	8.72	-	-

Table 338 - 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 HE20 RU106	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 1)	Active Chain Id(s):	1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU106.53)	-	7.20	-	-
6175 (RU106.53)	-	9.22	-	-
6415 (RU106.54)	-	7.51	-	-
6435 (RU106.53)	-	7.64	-	-
6475 (RU106.53)	-	7.54	-	-
6515 (RU106.54)	-	7.51	-	-
6535 (RU106.53)	-	7.93	-	-
6695 (RU106.53)	-	7.43	-	-
6855 (RU106.54)	-	7.98	-	-
6875 (RU106.53)	-	7.65	-	-
6875 (RU106.54)	-	7.78	-	-
6895 (RU106.53)	-	8.68	-	-
6995 (RU106.53)	-	8.63	-	-
7095 (RU106.54)	-	9.00	-	-

Table 339 - Unwanted Emissions Within the Band Results



MIMO CDD

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU	2.79	7164.700
802.11ax HE40 SU	1.20	7005.140
802.11ax HE80 SU	2.54	5846.400
802.11ax HE160 SU	0.10	6611.500
802.11ax HE20 RU106	3.25	6796.700
802.11ax HE20 RU52	2.67	6946.600

Table 340 - Unwanted Emissions Within the RLAN Band Summary Results

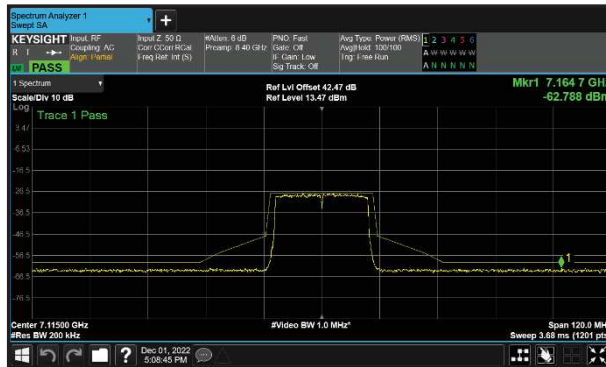


Figure 86 - A (Core 0) 802.11ax HE20 SU 7115 MHz (CH233)



Figure 87 - B (Core 1) 802.11ax HE40 SU 7085 MHz (CH227)



Figure 88 - A (Core 0) 802.11ax HE80 SU 5985 MHz (CH7)

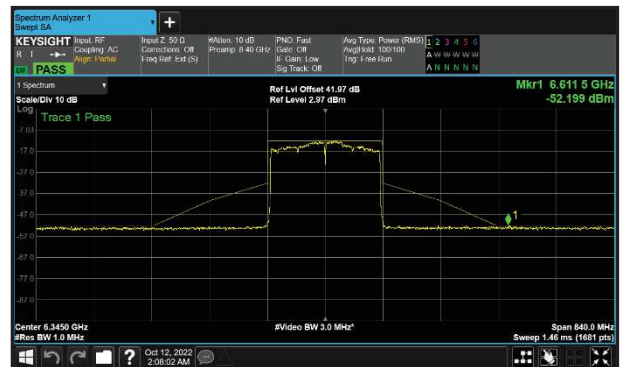


Figure 89 - A (Core 0) 802.11ax HE160 SU 6345 MHz (CH79)

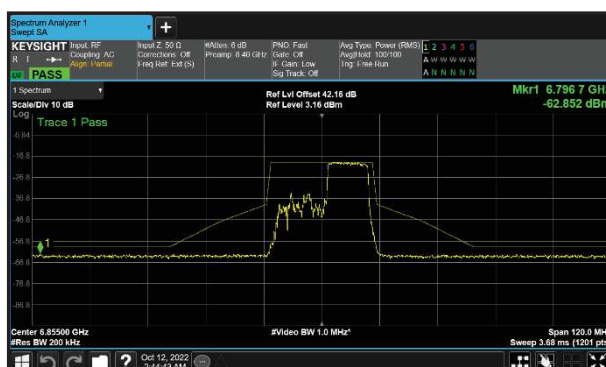


Figure 90 - A (Core 0) 802.11ax HE20 RU106 6855 MHz (CH181)

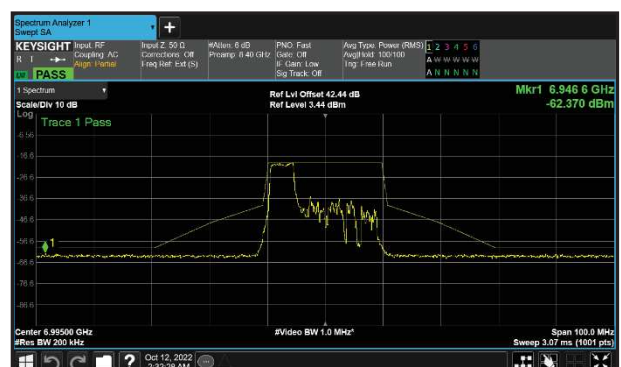


Figure 91 - B (Core 1) 802.11ax HE20 RU52 6995 MHz (CH209)



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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	3.62	4.45	-	-
6175	4.29	4.94	-	-
6415	3.51	3.87	-	-
6435	3.22	3.76	-	-
6475	3.60	3.73	-	-
6515	3.56	4.01	-	-
6535	3.79	4.19	-	-
6695	4.03	3.65	-	-
6855	3.16	3.16	-	-
6875	3.15	2.98	-	-
6895	4.14	3.58	-	-
6995	4.26	4.09	-	-
7115	2.79	3.25	-	-

Table 341 - 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 HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5965	2.35	2.60	-	-
6165	4.52	4.54	-	-
6405	2.31	3.75	-	-
6445	2.33	3.19	-	-
6485	2.74	2.78	-	-
6525	2.71	3.33	-	-
6565	2.21	2.81	-	-
6685	2.00	2.04	-	-
6845	2.60	1.42	-	-
6885	2.98	2.51	-	-
6925	3.45	2.15	-	-
7005	3.03	1.65	-	-
7085	3.14	1.20	-	-

Table 342 - 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 HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5985	2.54	3.07	-	-
6145	4.69	4.77	-	-
6385	3.96	3.62	-	-
6465	3.17	3.34	-	-
6545	3.61	3.41	-	-
6625	3.62	3.64	-	-
6705	4.06	4.04	-	-
6785	3.60	4.20	-	-
6865	3.52	3.76	-	-
6945	3.59	3.85	-	-
7025	4.15	4.31	-	-

Table 343 - 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:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6025	4.90	4.95	-	-
6185	1.88	1.91	-	-
6345	0.10	4.19	-	-
6505	0.31	0.55	-	-
6665	4.70	2.64	-	-
6825	4.82	1.09	-	-
6985	4.83	4.68	-	-

Table 344 - 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 HE20 RU52	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU52.37)	3.96	4.09	-	-
6175 (RU52.37)	4.82	5.26	-	-
6415 (RU52.40)	3.77	3.47	-	-
6435 (RU52.37)	3.41	3.51	-	-
6475 (RU52.37)	3.63	3.72	-	-
6515 (RU52.40)	3.61	3.73	-	-
6535 (RU52.37)	3.67	3.81	-	-
6695 (RU52.37)	3.76	3.51	-	-
6855 (RU52.40)	3.70	3.59	-	-
6875 (RU52.38)	3.43	3.42	-	-
6875 (RU52.39)	3.32	3.40	-	-
6895 (RU52.37)	4.37	3.41	-	-
6995 (RU52.37)	3.99	2.67	-	-
7095 (RU52.40)	4.36	3.20	-	-

Table 345 - 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 HE20 RU106	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU106.53)	4.00	4.13	-	-
6175 (RU106.53)	4.31	4.88	-	-
6415 (RU106.54)	3.63	3.56	-	-
6435 (RU106.53)	3.35	3.59	-	-
6475 (RU106.53)	3.53	3.90	-	-
6515 (RU106.54)	3.47	3.77	-	-
6535 (RU106.53)	3.66	3.86	-	-
6695 (RU106.53)	3.81	3.52	-	-
6855 (RU106.54)	3.25	3.52	-	-
6875 (RU106.53)	3.53	3.53	-	-
6875 (RU106.54)	3.55	3.34	-	-
6895 (RU106.53)	4.51	3.71	-	-
6995 (RU106.53)	4.12	3.77	-	-
7095 (RU106.54)	4.26	3.68	-	-

Table 346 - Unwanted Emissions Within the Band Results



MIMO SDM

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU	2.65	7163.100
802.11ax HE40 SU	5.44	6438.000
802.11ax HE80 SU	5.09	5845.980
802.11ax HE160 SU	0.72	6977.500
802.11ax HE20 RU106	5.44	6841.600
802.11ax HE20 RU26	4.69	6809.700
802.11ax HE20 RU52	5.21	6835.200

Table 347 - Unwanted Emissions Within the RLAN Band Summary Results



Figure 92 - A (Core 0) 802.11ax HE20 SU
7115 MHz (CH233)

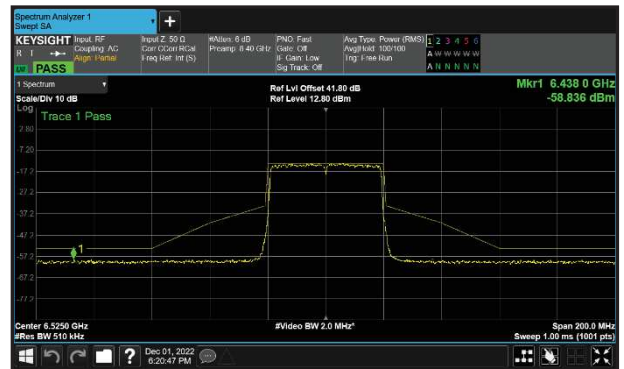


Figure 93 - A (Core 0) 802.11ax HE40 SU
6525 MHz (CH115)

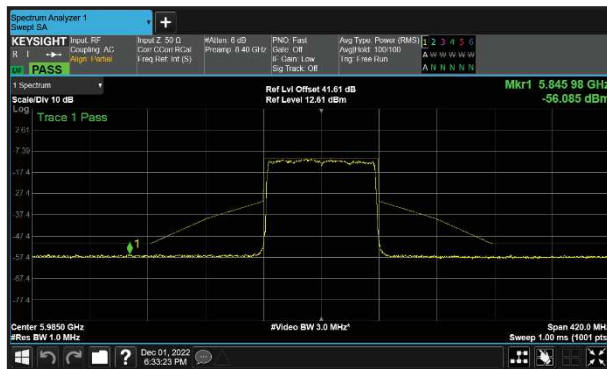


Figure 94 - A (Core 0) 802.11ax HE80 SU
5985 MHz (CH7)

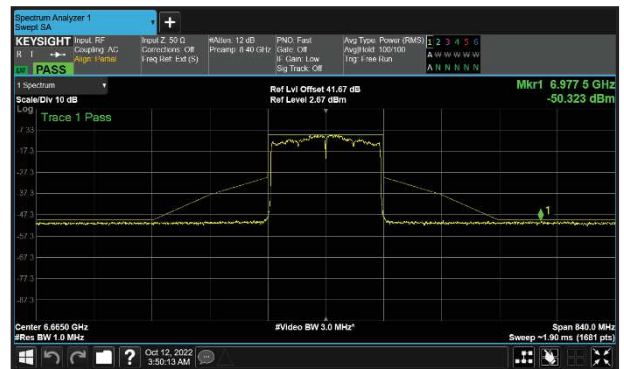


Figure 95 - B (Core 1) 802.11ax HE160 SU
6665 MHz (CH143)



Figure 96 - B (Core 1) 802.11ax HE20 RU106 6875
MHz (CH185)



Figure 97 - B (Core 1) 802.11ax HE20 RU26
6855 MHz (CH181)



Figure 98 - B (Core 1) 802.11ax HE20 RU52
6875 MHz (CH185)



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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	4.97	6.19	-	-
6175	8.16	8.51	-	-
6415	6.69	6.17	-	-
6435	6.48	6.37	-	-
6475	6.22	6.30	-	-
6515	6.16	6.33	-	-
6535	6.53	6.34	-	-
6695	5.31	4.99	-	-
6855	5.66	4.95	-	-
6875	5.64	4.86	-	-
6895	5.75	5.14	-	-
6995	5.86	5.46	-	-
7115	2.65	3.36	-	-

Table 348 - 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 HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5965	5.59	6.01	-	-
6165	7.11	7.46	-	-
6405	6.42	6.45	-	-
6445	5.82	6.15	-	-
6485	5.74	5.96	-	-
6525	5.44	5.78	-	-
6565	6.15	6.32	-	-
6685	6.06	7.06	-	-
6845	6.27	6.30	-	-
6885	5.80	6.01	-	-
6925	6.87	6.67	-	-
7005	6.96	6.75	-	-
7085	6.46	6.28	-	-

Table 349 - 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 HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5985	5.09	5.10	-	-
6145	7.25	7.23	-	-
6385	6.24	6.16	-	-
6465	5.57	6.24	-	-
6545	5.94	5.89	-	-
6625	6.18	5.81	-	-
6705	6.54	6.58	-	-
6785	6.09	6.49	-	-
6865	6.15	5.93	-	-
6945	6.30	6.12	-	-
7025	6.71	6.28	-	-

Table 350 - 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:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6025	2.99	3.52	-	-
6185	3.44	2.39	-	-
6345	1.07	1.21	-	-
6505	1.12	1.03	-	-
6665	0.86	0.72	-	-
6825	3.42	3.91	-	-
6985	1.10	3.23	-	-

Table 351 - 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 HE20 RU26	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + 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)	5.60	6.15	-	-
6175 (RU26.0)	6.84	7.25	-	-
6415 (RU26.8)	6.17	5.64	-	-
6435 (RU26.0)	5.48	4.90	-	-
6475 (RU26.0)	6.02	5.70	-	-
6515 (RU26.8)	5.83	5.57	-	-
6535 (RU26.0)	6.35	6.81	-	-
6695 (RU26.0)	5.96	5.44	-	-
6855 (RU26.8)	6.01	4.69	-	-
6875 (RU26.3)	5.64	4.82	-	-
6875 (RU26.5)	5.80	4.99	-	-
6895 (RU26.0)	6.87	6.06	-	-
6995 (RU26.0)	6.51	6.21	-	-
7095 (RU26.8)	7.00	5.92	-	-

Table 352 - 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 HE20 RU52	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU52.37)	5.42	5.93	-	-
6175 (RU52.37)	7.67	7.92	-	-
6415 (RU52.40)	6.37	5.80	-	-
6435 (RU52.37)	5.94	5.44	-	-
6475 (RU52.37)	5.97	5.63	-	-
6515 (RU52.40)	5.87	5.88	-	-
6535 (RU52.37)	6.73	6.27	-	-
6695 (RU52.37)	6.51	6.04	-	-
6855 (RU52.40)	6.10	5.38	-	-
6875 (RU52.38)	6.18	5.51	-	-
6875 (RU52.39)	6.08	5.21	-	-
6895 (RU52.37)	6.80	6.72	-	-
6995 (RU52.37)	7.01	6.46	-	-
7095 (RU52.40)	7.07	6.48	-	-

Table 353 - 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 HE20 RU106	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU106.53)	5.81	6.18	-	-
6175 (RU106.53)	7.20	7.92	-	-
6415 (RU106.54)	6.61	6.37	-	-
6435 (RU106.53)	5.82	5.73	-	-
6475 (RU106.53)	6.12	5.76	-	-
6515 (RU106.54)	5.98	6.51	-	-
6535 (RU106.53)	6.63	6.72	-	-
6695 (RU106.53)	6.67	6.44	-	-
6855 (RU106.54)	6.59	5.69	-	-
6875 (RU106.53)	6.36	5.44	-	-
6875 (RU106.54)	6.57	5.70	-	-
6895 (RU106.53)	6.77	6.26	-	-
6995 (RU106.53)	7.03	6.68	-	-
7095 (RU106.54)	7.05	6.41	-	-

Table 354 - Unwanted Emissions Within the Band Results



MIMO TxBF

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE40 SU	4.81	7002.280
802.11ax HE80 SU	4.92	5804.400

Table 355 - Unwanted Emissions Within the RLAN Band Summary Results



Figure 99 - A (Core 0) 802.11ax HE40 SU 7085 MHz (CH227)



Figure 100 - A (Core 0) 802.11ax HE80 SU 5985 MHz (CH7)



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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6125	8.03	7.82	-	-
6245	6.78	7.57	-	-
6405	6.34	6.28	-	-
6445	5.90	5.85	-	-
6485	5.98	6.21	-	-
6525	6.54	6.55	-	-
6565	6.06	6.26	-	-
6685	7.58	7.90	-	-
6845	5.18	5.86	-	-
6885	6.03	6.64	-	-
6925	6.15	7.30	-	-
7005	5.57	6.96	-	-
7085	4.81	6.36	-	-

Table 356 - 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 HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5985	4.92	5.64	-	-
6145	7.49	7.16	-	-
6385	5.99	6.64	-	-
6465	5.12	6.07	-	-
6545	5.60	6.28	-	-
6625	5.69	6.69	-	-
6705	6.17	6.75	-	-
6785	5.95	6.71	-	-
6865	6.36	6.84	-	-
6945	6.50	7.23	-	-
7025	6.30	6.78	-	-

Table 357 - Unwanted Emissions Within the Band Results



FCC 47 CFR Part 15, Limit Clause 15.407(b)(6)

For transmitters operating within the 5.925–7.125 GHz bands:

Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

ISED RSS-248, Limit Clause 4.7.2(b)

e.i.r.p. spectral density of unwanted emissions falling into the 5925-7125 MHz band shall be attenuated (in dB) below the reference power spectral density by:

- i. 20 dB at 1 MHz away from the channel edge; and
- ii. a linearly interpolated value between 20 dB and 28 dB at frequencies between 1 MHz outside of channel edge and one (1) channel bandwidth from the operating channel centre, respectively; and
- iii. 28 dB at one (1) channel bandwidth away from the operating channel centre; and
- iv. a linearly interpolated value between 28 dB and 40 dB at frequencies between one (1) channel bandwidth from the channel centre and one- and one-half (1.5) times the channel bandwidth away from the operating channel centre, respectively; and
- v. 40 dB at one- and one-half (1.5) times the channel bandwidth away from the channel centre; and
- vi. a minimum of 40 dB at frequencies that are further away than one and one-half (1.5) times the channel bandwidth from the channel centre;



2.5.7 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	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
AC Programmable Power Supply	iTech	IT7324	5225	-	O/P Mon
AC Programmable Power Supply	iTech	IT7324	5226	-	O/P Mon
Power Splitter, 4 way	Mini-Circuits	ZN4PD1-63-S+	5236	-	O/P Mon
Power Splitter, 2 way	Mini-Circuits	ZN2PD2-63-S+	5238	-	O/P Mon
3.5 mm 2m Cable	Junkosha	MWX221-02000DMS	5426	12	29-Mar-2023
Attenuator 5W 10dB DC-18GHz	Aaren	AT40A-4041-D18-10	5495	12	13-Oct-2023
MXA Signal Analyser	Keysight Technologies	N9020B	5528	24	21-Mar-2024
MXA Signal Analyser	Keysight Technologies	N9020B	5529	24	13-Sep-2024
Signal Conditioning Unit	TUV SUD	SPECTRUM SCU001	5546	12	06-Apr-2023
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

Table 358

O/P Mon – Output Monitored using calibrated equipment



2.6 Spurious Radiated Emissions

2.6.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.209 and 15.407 (b)
ISED RSS-248, Clause
ISED RSS-GEN, Clause, 4.7 and 6.13, 8.9

2.6.2 Equipment Under Test and Modification State

A2686, S/N: XVFXG6M544 - Modification State 0

2.6.3 Date of Test

05-October-2022 to 08-October-2022

2.6.4 Test Method

Testing was performed in accordance with KDB 987594 D02 and ANSI C63.10, clause 6.3, 6.5 and 6.6.

Tests were performed in HT20 CDD in 2TX MIMO mode with measurements undertaken from 30 MHz to 40 GHz, on channel 45 (6175 MHz), 105 (6475 MHz), 149 (6695 MHz) and 209 (6995 MHz).

For the purposes 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 -7 dBm/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 dBuV/m to uV/m:

$10^{(\text{Field Strength in dBuV/m}/20)}$.

EIRP was converted to field strength at 3m using the following formula:

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



2.6.5 Test Setup Diagram

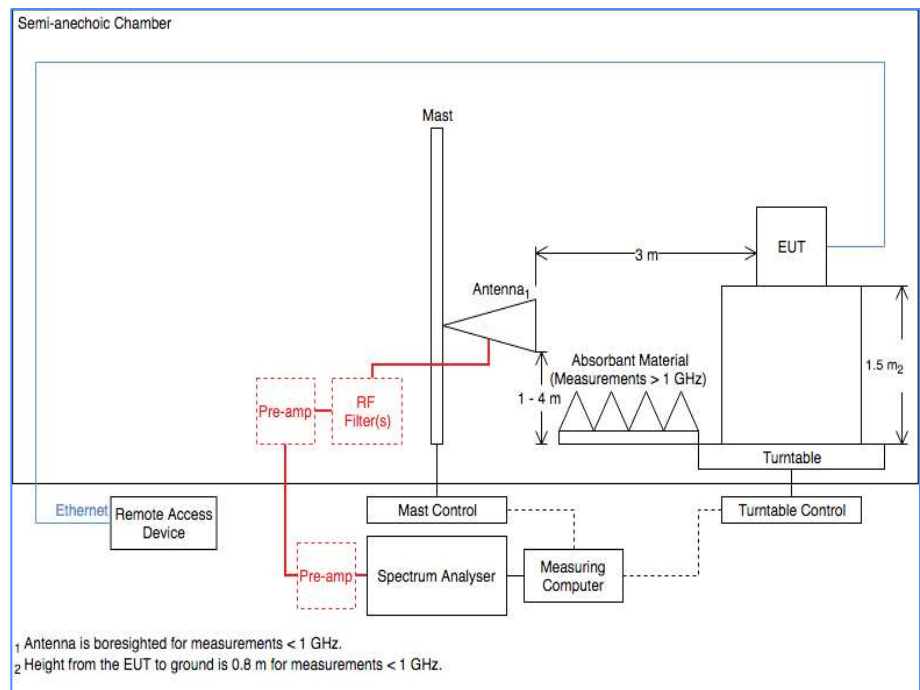


Figure 101

2.6.6 Environmental Conditions

Ambient Temperature	22.4 - 22.8 °C
Relative Humidity	49.0 - 52.9 %



2.6.7 Test Results

6 GHz WLAN

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

Table 359 - U-NII-5 - 5955 MHz (CH1), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

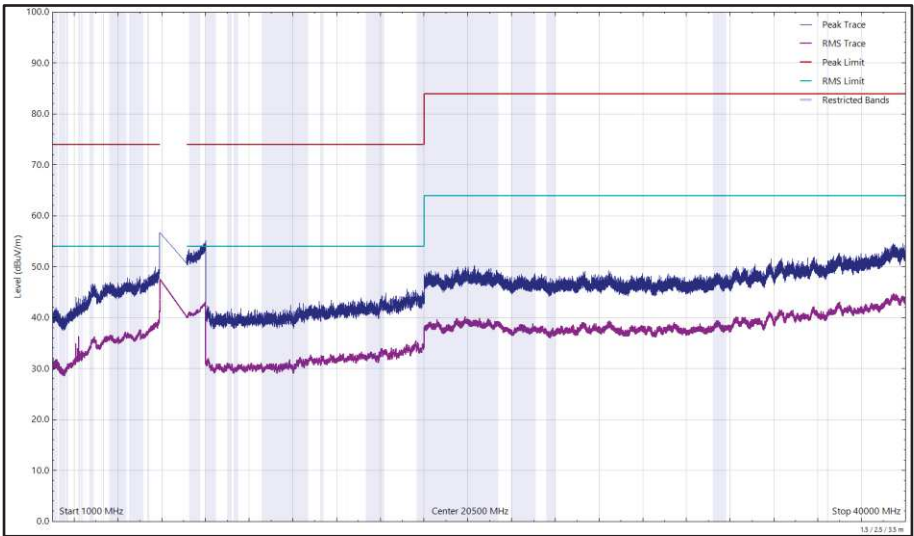


Figure 102 - U-NII-5 - 5955 MHz (CH1), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

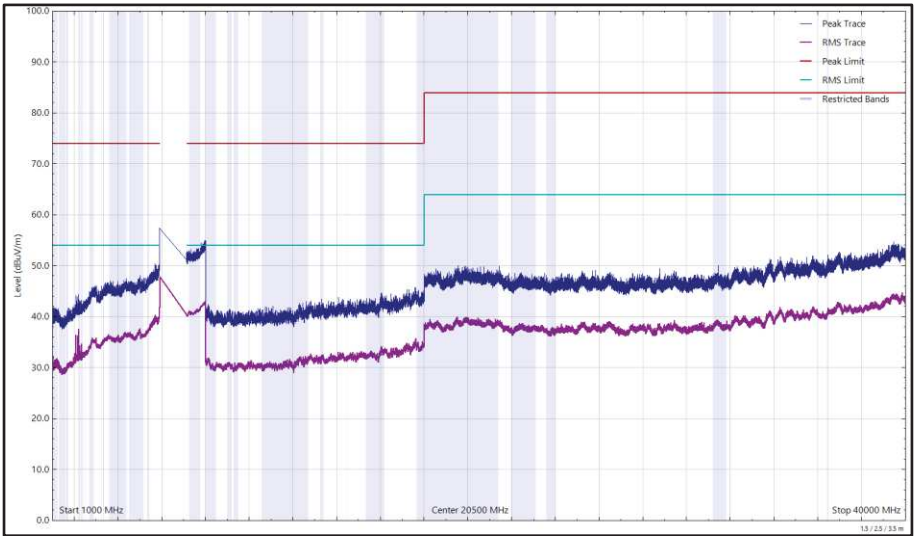


Figure 103 - U-NII-5 - 5955 MHz (CH1), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



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

Table 360 - U-NII-5 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

*No emissions found within 10 dB of the limit.

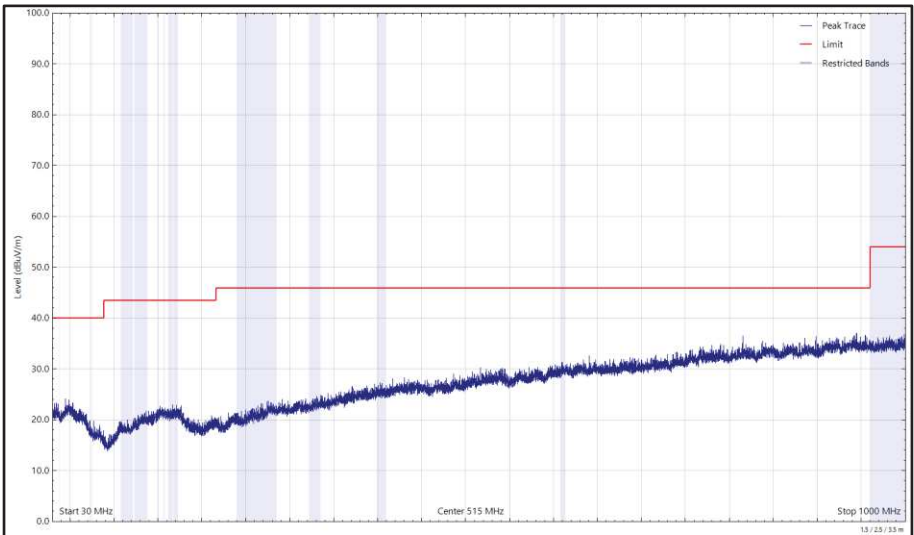


Figure 104 - U-NII-5 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

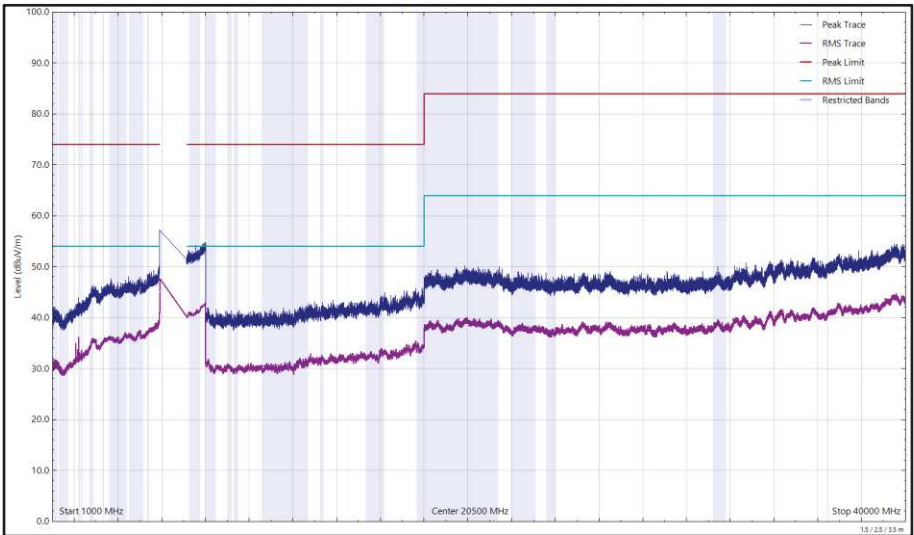


Figure 105 - U-NII-5 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

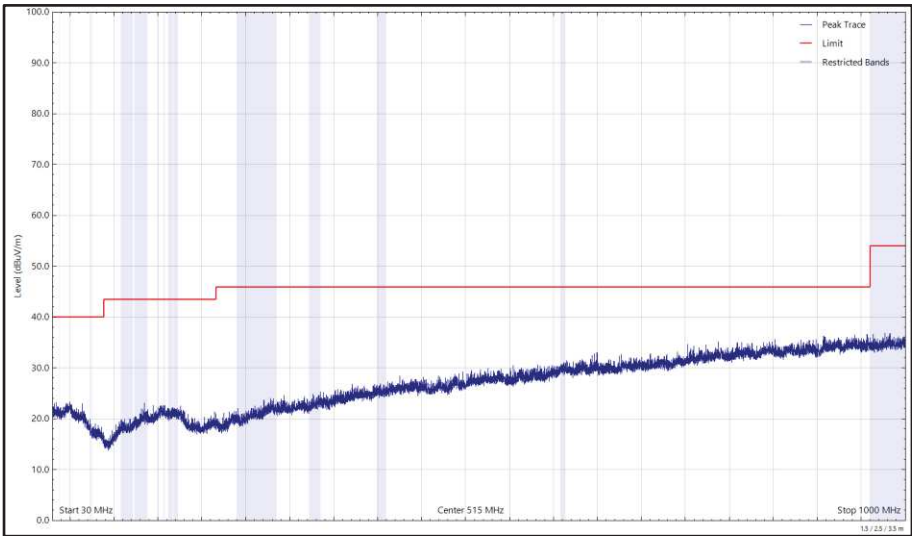


Figure 106 - U-NII-5 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

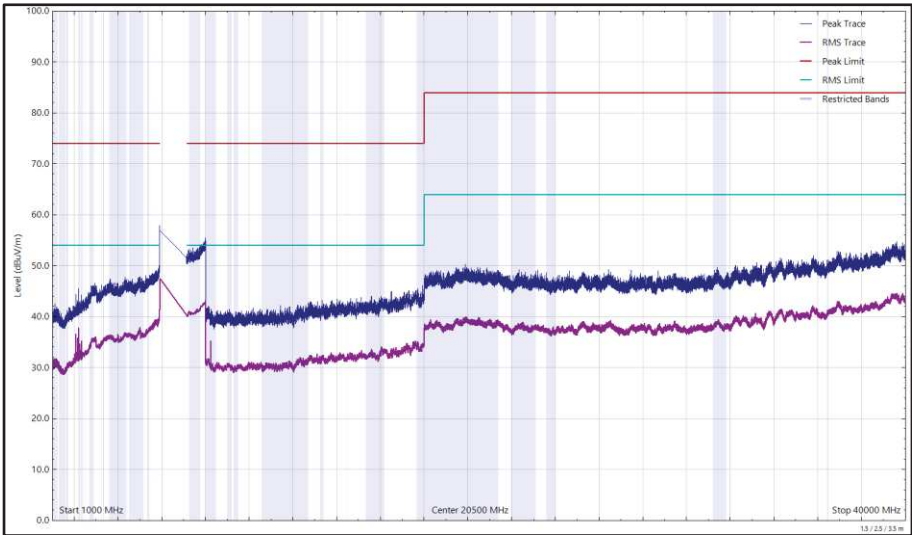


Figure 107 - U-NII-5 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



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

Table 361 - U-NII-5 - 6415 MHz (CH93), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

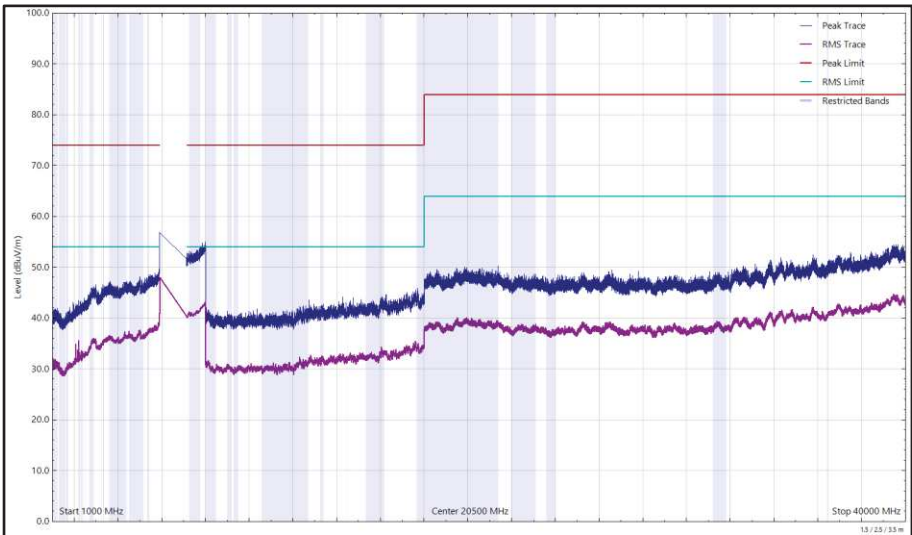


Figure 108 - U-NII-5 - 6415 MHz (CH93), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

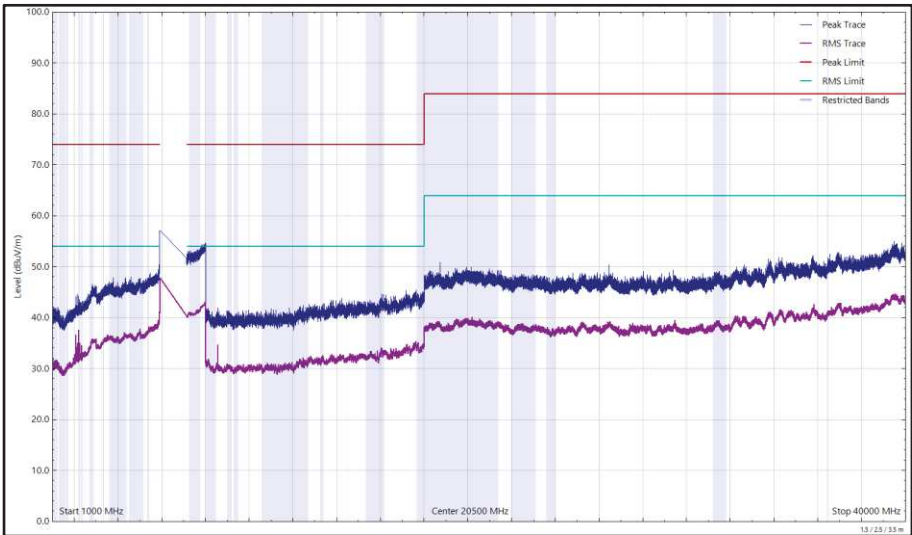


Figure 109 - U-NII-5 - 6415 MHz (CH93), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical