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Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	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:	802.11be EHT160 RU Size 996 + RU Size 484 + RU Size 242 SP (Secondary)	Duty Cycle (%):	97.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.10
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	1.13
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	∑				
6025 (RU Size 996 + RU Size 484 + RU Size 242.99)	-0.27	-0.57	-	-	2.60	1.06	3.65	17.00	-13.35
6665 (RU Size 996 + RU Size 484 + RU Size 242.99)	-1.13	-0.93	-	-	1.98	1.13	3.11	17.00	-13.89

Table 582 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	RSS-248 4.5.5	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 (%):	98.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.08
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	0.97
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	∑				
6505	-2.79	-3.05	-	-	0.09	0.97	1.06	17.00	-15.94

Table 583 - ISED Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	RSS-248 4.5.5	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:	802.11be EHT160 RU Size 996 + RU Size 484 SP (Primary)	Duty Cycle (%):	97.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.10
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	0.97
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	∑				
6505 (RU Size 996 + RU Size 484.94)	0.49	-0.15	-	-	3.19	0.97	4.17	17.00	-12.83

Table 584 - ISED Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	RSS-248 4.5.5	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:	802.11be EHT160 RU Size 996 + RU Size 484 SP (Secondary)	Duty Cycle (%):	97.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.10
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	0.97
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	∑				
6505 (RU Size 996 + RU Size 484.95)	-0.05	-0.18	-	-	2.90	0.97	3.87	17.00	-13.13

Table 585 - ISED Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	RSS-248 4.5.5	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:	802.11be EHT160 RU Size 996 + RU Size 484 + RU Size 242 SP (Primary)	Duty Cycle (%):	97.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.10
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	0.97
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	∑				
6505 (RU Size 996 + RU Size 484 + RU Size 242.96)	-0.23	-0.51	-	-	2.64	0.97	3.62	17.00	-13.38

Table 586 - ISED Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	RSS-248 4.5.5	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:	802.11be EHT160 RU Size 996 + RU Size 484 + RU Size 242 SP (Secondary)	Duty Cycle (%):	97.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.10
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	0.97
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	∑				
6505 (RU Size 996 + RU Size 484 + RU Size 242.99)	-0.56	-0.37	-	-	2.55	0.97	3.52	17.00	-13.48

Table 587 - ISED Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(9) 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 VLP	Duty Cycle (%):	98.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.08
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	1.87
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	∑				
6185	-12.63	-13.19	-	-	-9.89	1.87	-8.02	-5.00	-3.02
6345	-11.30	-11.61	-	-	-8.44	1.03	-7.41	-5.00	-2.41
6505	-11.63	-11.82	-	-	-8.71	0.97	-7.74	-5.00	-2.74
6665	-12.23	-12.72	-	-	-9.46	1.13	-8.33	-5.00	-3.33
6825	-12.36	-12.55	-	-	-9.45	1.13	-8.32	-5.00	-3.32
6985	-10.90	-10.94	-	-	-7.91	0.23	-7.68	-5.00	-2.68

Table 588 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(9) 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:	802.11be EHT160 RU Size 996 + RU Size 484 VLP (Primary)	Duty Cycle (%):	97.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.10
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	1.87
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	∑				
6185 (RU Size 996 + RU Size 484.95)	-11.82	-12.08	-	-	-8.93	1.87	-7.06	-5.00	-2.06
6345 (RU Size 996 + RU Size 484.94)	-10.92	-11.26	-	-	-8.08	1.03	-7.05	-5.00	-2.05
6505 (RU Size 996 + RU Size 484.94)	-11.12	-11.27	-	-	-8.18	0.97	-7.21	-5.00	-2.21
6665 (RU Size 996 + RU Size 484.94)	-11.78	-11.77	-	-	-8.76	1.13	-7.64	-5.00	-2.64
6825 (RU Size 996 + RU Size 484.94)	-11.74	-12.24	-	-	-8.97	1.13	-7.84	-5.00	-2.84
6985 (RU Size 996 + RU Size 484.94)	-10.69	-10.78	-	-	-7.73	0.23	-7.50	-5.00	-2.50

Table 589 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(9) 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:	802.11be EHT160 RU Size 996 + RU Size 484 VLP (Secondary)	Duty Cycle (%):	97.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.10
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	1.87
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	∑				
6185 (RU Size 996 + RU Size 484.94)	-11.13	-12.15	-	-	-8.60	1.87	-6.73	-5.00	-1.73
6505 (RU Size 996 + RU Size 484.95)	-11.53	-11.58	-	-	-8.54	0.97	-7.57	-5.00	-2.57
6665 (RU Size 996 + RU Size 484.95)	-11.99	-12.25	-	-	-9.11	1.13	-7.98	-5.00	-2.98
6825 (RU Size 996 + RU Size 484.95)	-11.66	-12.41	-	-	-9.01	1.13	-7.88	-5.00	-2.88
6985 (RU Size 996 + RU Size 484.95)	-11.20	-11.39	-	-	-8.28	0.23	-8.05	-5.00	-3.05

Table 590 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(9) 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:	802.11be EHT160 RU Size 996 + RU Size 484 + RU Size 242 VLP (Primary)	Duty Cycle (%):	97.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.10
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	1.87
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				
6185 (RU Size 996 + RU Size 484 + RU Size 242.97)	-11.91	-12.07	-	-	-8.98	1.87	-7.11	-5.00	-2.11
6185 (RU Size 996 + RU Size 484 + RU Size 242.98)	-11.72	-12.56	-	-	-9.11	1.87	-7.24	-5.00	-2.24
6185 (RU Size 996 + RU Size 484 + RU Size 242.99)	-12.03	-12.61	-	-	-9.30	1.87	-7.43	-5.00	-2.43
6345 (RU Size 996 + RU Size 484 + RU Size 242.96)	-10.94	-10.83	-	-	-7.87	1.03	-6.84	-5.00	-1.84
6505 (RU Size 996 + RU Size 484 + RU Size 242.96)	-10.94	-11.13	-	-	-8.02	0.97	-7.05	-5.00	-2.05
6665 (RU Size 996 + RU Size 484 + RU Size 242.96)	-11.53	-12.06	-	-	-8.77	1.13	-7.65	-5.00	-2.65
6825 (RU Size 996 + RU Size 484 + RU Size 242.96)	-11.85	-12.17	-	-	-8.99	1.13	-7.87	-5.00	-2.87
6985 (RU Size 996 + RU Size 484 + RU Size 242.96)	-10.13	-10.48	-	-	-7.29	0.23	-7.06	-5.00	-2.06

Table 591 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(9) 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:	802.11be EHT160 RU Size 996 + RU Size 484 + RU Size 242 VLP (Secondary)	Duty Cycle (%):	97.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.10
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	1.13
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	∑				
6505 (RU Size 996 + RU Size 484 + RU Size 242.99)	-11.45	-11.49	-	-	-8.46	0.97	-7.48	-5.00	-2.48
6665 (RU Size 996 + RU Size 484 + RU Size 242.99)	-12.11	-12.35	-	-	-9.21	1.13	-8.09	-5.00	-3.09
6825 (RU Size 996 + RU Size 484 + RU Size 242.99)	-11.59	-12.07	-	-	-8.81	1.13	-7.69	-5.00	-2.69
6985 (RU Size 996 + RU Size 484 + RU Size 242.99)	-10.66	-10.81	-	-	-7.73	0.23	-7.50	-5.00	-2.50

Table 592 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(8) RSS-248 4.5.3	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 HE160 SU LPI	Duty Cycle (%):	98.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.05
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	4.85
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	∑				
6025	-9.92	-10.16	-	-	-7.03	4.06	-2.96	-1.00	-1.96
6185	-10.66	-10.92	-	-	-7.78	4.85	-2.93	-1.00	-1.93
6345	-9.90	-9.65	-	-	-6.76	4.02	-2.74	-1.00	-1.74
6505	-10.06	-10.45	-	-	-7.24	3.97	-3.27	-1.00	-2.27
6665	-10.45	-10.87	-	-	-7.64	4.12	-3.52	-1.00	-2.52
6825	-10.27	-10.66	-	-	-7.45	4.12	-3.32	-1.00	-2.32
6985	-9.23	-9.42	-	-	-6.31	3.15	-3.16	-1.00	-2.16

Table 593 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-7
Limit Clause(s):	15.407(a)(7) RSS-248 4.5.5	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 HE160 SU SP	Duty Cycle (%):	98.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.05
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	4.85
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	∑				
6025	-1.04	-0.88	-	-	2.05	4.06	6.11	17.00	-10.89
6185	-0.34	-0.70	-	-	2.49	4.85	7.34	17.00	-9.66
6345	0.02	-0.51	-	-	2.77	4.02	6.80	17.00	-10.20
6665	-1.58	-1.78	-	-	1.33	4.12	5.46	17.00	-11.54

Table 594 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	6.425-6.525 GHz	Band:	U-NII-6
Limit Clause(s):	RSS-248 4.5.5	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 HE160 SU SP	Duty Cycle (%):	98.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.05
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	3.97
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	PSD (dBm / MHz)					Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	∑				
6505	-2.56	-2.95	-	-	0.26	3.97	4.23	17.00	-12.77

Table 595 - ISED Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(a)(9) 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 HE160 SU VLP	Duty Cycle (%):	98.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.05
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	4.85
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	∑				
6185	-15.08	-15.57	-	-	-12.31	4.85	-7.46	-5.00	-2.46
6345	-14.42	-14.52	-	-	-11.46	4.02	-7.44	-5.00	-2.44
6505	-15.08	-14.86	-	-	-11.96	3.97	-7.99	-5.00	-2.99
6665	-15.37	-15.88	-	-	-12.61	4.12	-8.48	-5.00	-3.48
6825	-15.18	-15.67	-	-	-12.41	4.12	-8.28	-5.00	-3.28
6985	-13.69	-14.20	-	-	-10.93	3.15	-7.78	-5.00	-2.78

Table 596 - Maximum Power Spectral Density Results

FCC 47 CFR Part 15E, Limit Clause 15.407(a)(7)

For client devices, except for fixed client devices as defined in this subpart, operating under the control of a standard power access point in 5.925–6.425 GHz and 6.525–6.875 GHz bands, the maximum power spectral density must not exceed 17 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm and the device must limit its power to no more than 6 dB below its associated standard power access point's authorized transmit power.

ISED RSS-248, Limit Clause 4.5.5

The following limits shall apply to standard client devices:

the maximum e.i.r.p. spectral density shall not exceed 17 dBm/MHz
the maximum e.i.r.p. over the 5925-6875 MHz frequency band shall not exceed 30 dBm and
the maximum power limits shall remain at least 6 dB below the power levels authorized for the associated standard-power access point

FCC 47 CFR Part 15E, Limit Clause 15.407(a)(8)

For client devices operating under the control of an indoor access point in the 5.925-7.125 GHz bands, the maximum power spectral density must not exceed -1 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

ISED RSS-248, Limit Clause 4.5.3

The following limits shall apply to low-power client devices.

the maximum e.i.r.p. spectral density shall not exceed -1 dBm/MHz; and
the maximum e.i.r.p. over the 5925-7125 MHz frequency band shall not exceed 24 dBm.

FCC 47 CFR Part 15E, Limit Clause 15.407(a)(9)

For very low power devices operating in the 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum power spectral density must not exceed -5 dBm e.i.r.p in any 1-megahertz band and the maximum e.i.r.p must not exceed 14 dBm.

ISED RSS-248, Limit Clause 4.5.6

The following limits shall apply to very low-power devices.

the maximum e.i.r.p. spectral density shall not exceed –5 dBm/MHz; and
the maximum e.i.r.p. shall not exceed 14 dBm.

2.2.7 Test Location and Test Equipment Used

This test was carried out in RF Laboratory 14 and RF Laboratory 18.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
AC Programmable Power Supply	iTech	IT7324	5225	-	O/P Mon
AC Programmable Power Supply	iTech	IT7324	5227	-	O/P Mon
MXA Signal Analyser	Keysight Technologies	N9020B	5529	24	02-Jan-2027
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	5759	12	05-Mar-2027
MXA Signal Analyser	Keysight Technologies	N9020B	5919	24	31-Mar-2027
Humidity & Temperature meter	R.S Components	1364	6148	12	28-Aug-2026
Climatic Chamber	Weiss Technik	ClimeEvent C/340/70a/3	6386	12	O/P Mon
MXA Signal Analyzer	Keysight Technologies	N9020B	6416	24	07-May-2027
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6426	12	16-Mar-2027
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6518	12	25-Feb-2027
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6529	12	25-Feb-2027
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6530	12	25-Feb-2027
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6531	12	25-Feb-2027
AC Programmable Power Supply	iTech	IT7324	6662	-	O/P Mon
Digital Thermometer	R.S Components	RS 5511	6739	12	02-Mar-2027
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6752	12	16-Mar-2027
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6753	12	16-Mar-2027
SCU Cable Assembly SCU	TUV SUD	SPECTRUM_SCU_CA	6754	0	16-Mar-2027
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6903	12	05-Mar-2027
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6904	12	05-Mar-2027
Humidity & Temperature meter	Fluke	971	7103	12	05-Aug-2026
Multimeter	Fluke	115	7115	12	13-Aug-2026
6dB Attenuator cable assembly for SCU.	TUV SUD	SPECTRUM_SCU_CA	7214	12	05-Mar-2027
Thermostatic Chamber	Weiss Technik	LabEvent T/500/50/3	7316	24	O/P Mon

Table 597

TU - Traceability Unscheduled
O/P Mon - Output Monitored using calibrated equipment

2.3 Emission Bandwidth

2.3.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (a)(11)
ISED RSS-248, Clause 4.4
ISED RSS-GEN, Clause 6.7

2.3.2 Equipment Under Test and Modification State

A3546, S/N: L670R2C27Y - Modification State 0
A3546, S/N: K66F4KWFJF - Modification State 0

2.3.3 Date of Test

29-June-2026 to 27-July-2026

2.3.4 Test Method

The test was performed in accordance with ANSI C63.10, clause 12.5.2 for 26 dB bandwidth and clause 6.9.3 for 99% occupied bandwidth.

2.3.5 Environmental Conditions

Ambient Temperature	21.4 - 24.2 °C
Relative Humidity	49.8 - 60.3 %

2.3.6 Test Results

6 GHz WLAN

Protocol	26 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11ax HE20 SU LPI	21.516	23.292
802.11ax HE20 SU SP	21.372	23.106
802.11ax HE20 SU VLP	21.462	23.358
802.11a20 LPI	19.914	22.104
802.11a20 VLP	19.938	22.236
802.11a20 SP	20.418	21.948

Table 598 - 26 dB Bandwidth Summary Results – SISO Core 0

Figure 1 - 802.11ax HE20 SU LPI Minimum 26 dB EBW

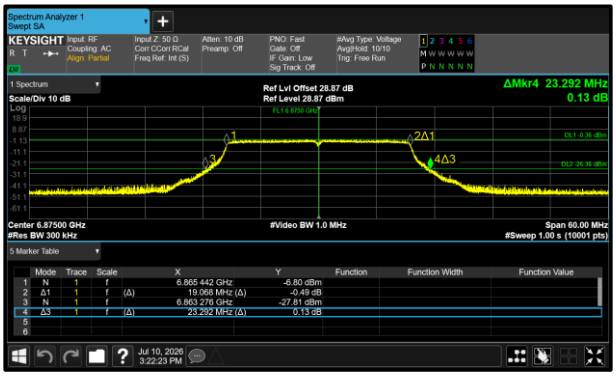

Figure 2 - 802.11ax HE20 SU LPI Maximum 26 dB EBW

Figure 3 - 802.11ax HE20 SU SP Minimum 26 dB EBW

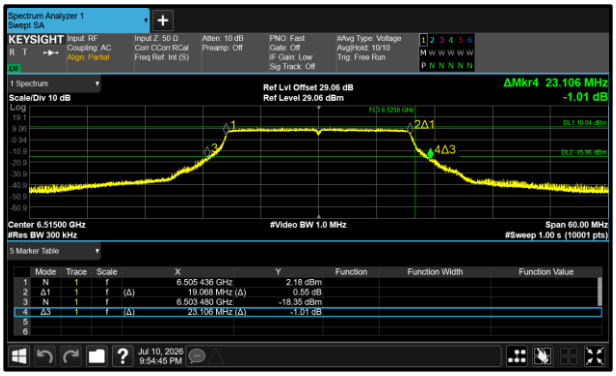

Figure 4 - 802.11ax HE20 SU SP Maximum 26 dB EBW

Figure 5 - 802.11ax HE20 SU VLP Minimum 26 dB EBW

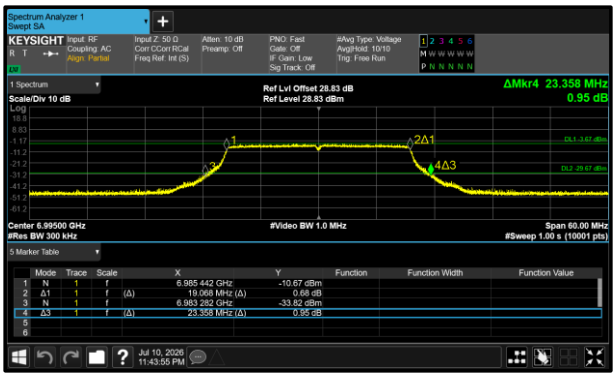

Figure 6 - 802.11ax HE20 SU VLP Maximum 26 dB EBW

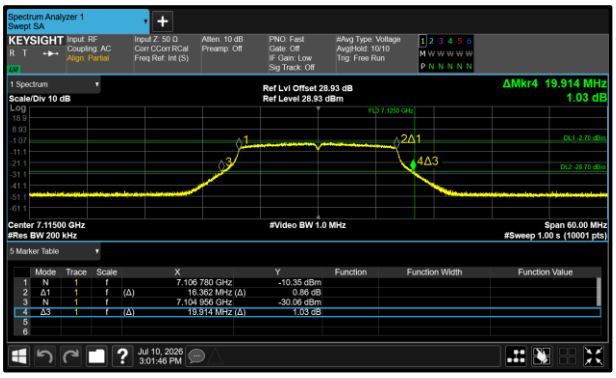

Figure 7 - 802.11a20 LPI Minimum 26 dB EBW

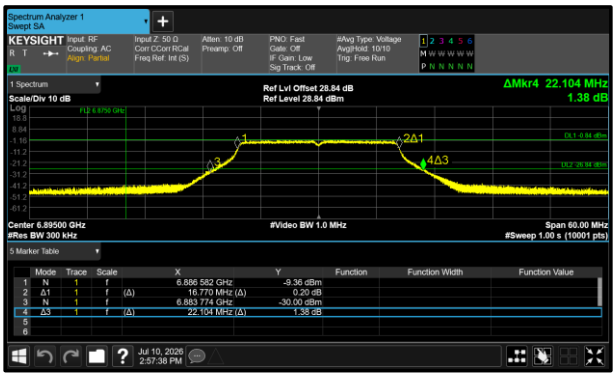

Figure 8 - 802.11a20 LPI Maximum 26 dB EBW

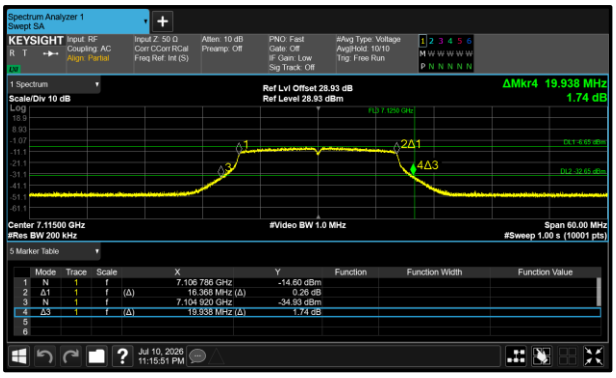

Figure 9 - 802.11a20 VLP Minimum 26 dB EBW

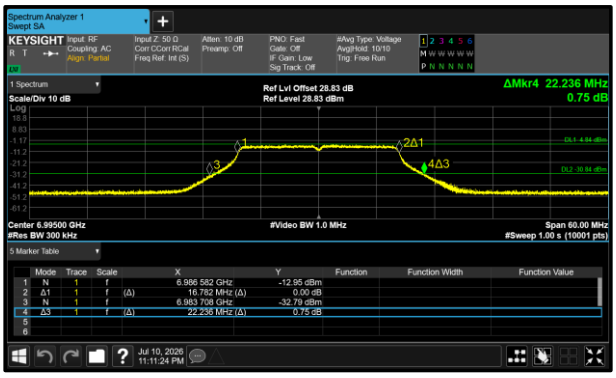

Figure 10 - 802.11a20 VLP Maximum 26 dB EBW

Figure 11 - 802.11a20 SP Minimum 26 dB EBW

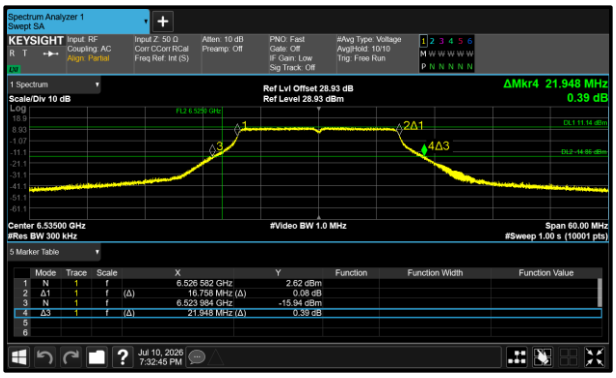

Figure 12 - 802.11a20 SP Maximum 26 dB EBW

Protocol	26 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11ax HE20 SU LPI	21.714	23.352
802.11ax HE20 SU SP	21.492	23.172
802.11ax HE20 SU VLP	21.462	23.268
802.11a20 LPI	19.842	22.122
802.11a20 SP	19.902	22.074
802.11a20 VLP	19.752	22.176

Table 599 - 26 dB Bandwidth Summary Results – SISO Core 1

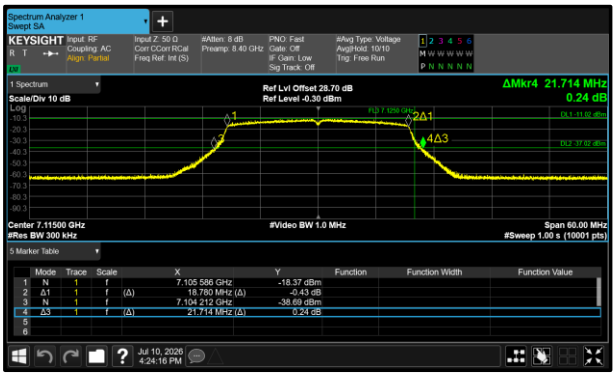

Figure 13 - 802.11ax HE20 SU LPI Minimum 26 dB EBW

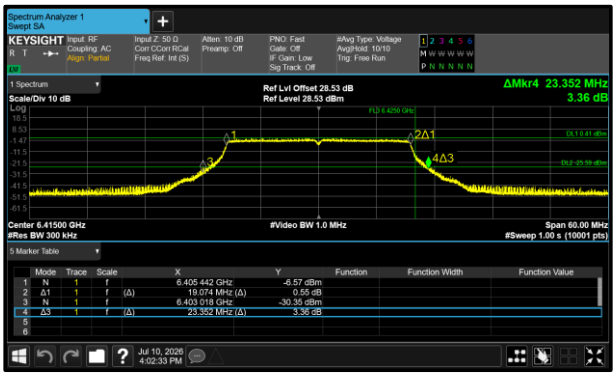

Figure 14 - 802.11ax HE20 SU LPI Maximum 26 dB EBW

Figure 15 - 802.11ax HE20 SU SP Minimum 26 dB EBW

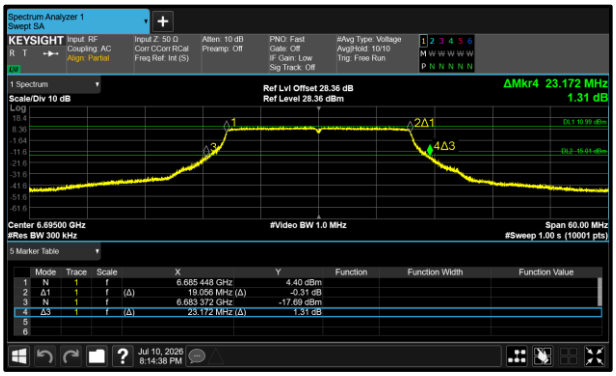

Figure 16 - 802.11ax HE20 SU SP Maximum 26 dB EBW

Figure 17- 802.11ax HE20 SU VLP Minimum 26 dB EBW

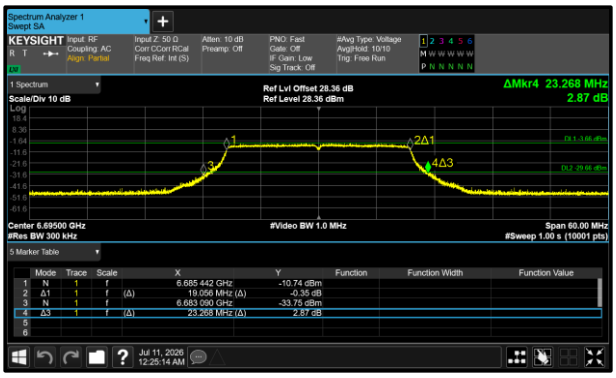

Figure 18- 802.11ax HE20 SU VLP Maximum 26 dB EBW

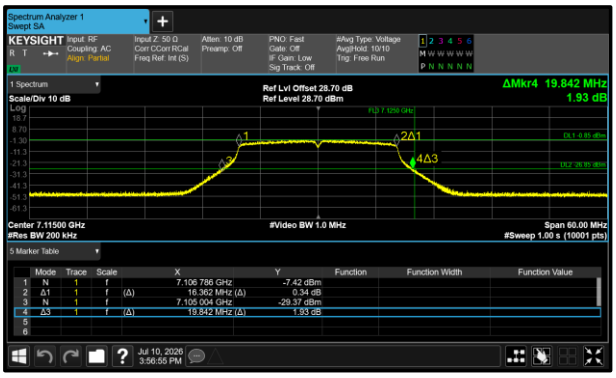

Figure 19- 802.11a20 LPI Minimum 26 dB EBW

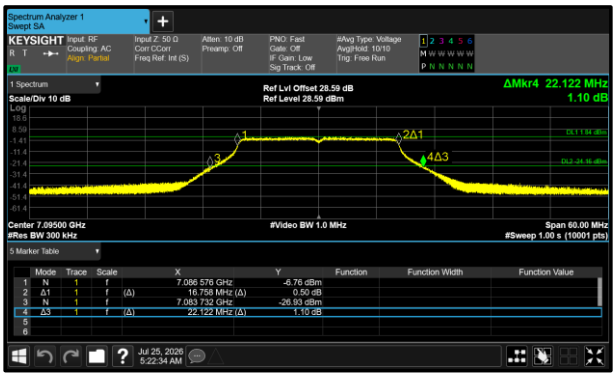

Figure 20- 802.11a20 LPI Maximum 26 dB EBW

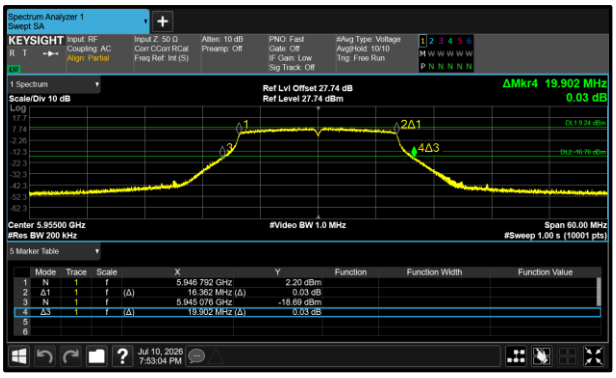

Figure 21- 802.11a20 SP Minimum 26 dB EBW

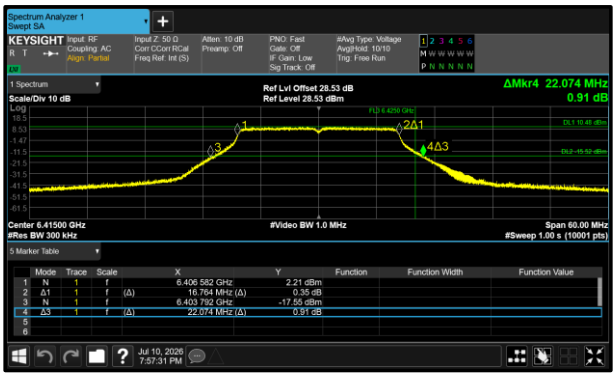

Figure 22- 802.11a20 SP Maximum 26 dB EBW

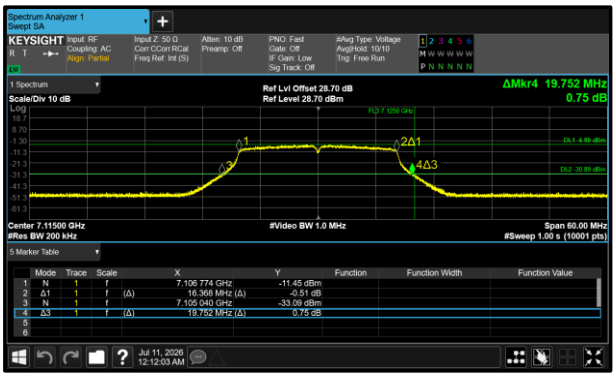

Figure 23- 802.11a20 VLP Minimum 26 dB EBW

Figure 24- 802.11a20 VLP Maximum 26 dB EBW

Protocol	26 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11ax HE20 SU LPI	21.498	23.598
802.11ax HE20 SU SP	21.570	23.316
802.11ax HE20 SU VLP	21.264	23.316
802.11a20 LPI	20.400	22.470
802.11a20 VLP	19.710	22.332
802.11a20 SP	19.884	22.434

Table 600 - 26 dB Bandwidth Summary Results - MIMO CDD

Figure 25- 802.11ax HE20 SU LPI Minimum 26 dB EBW

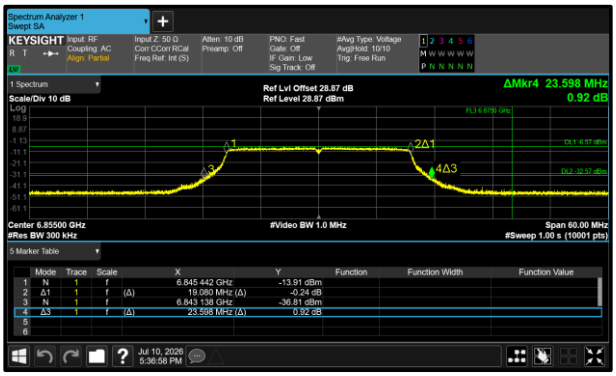

Figure 26- 802.11ax HE20 SU LPI Maximum 26 dB EBW

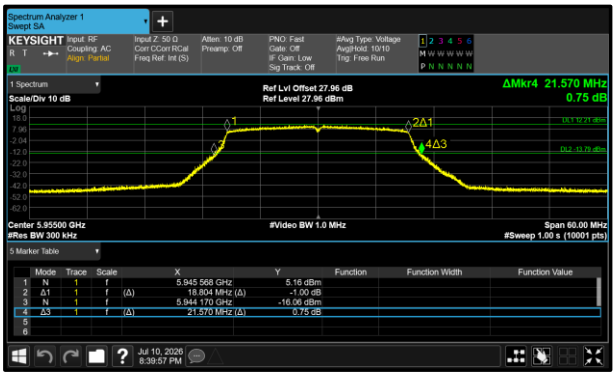

Figure 27- 802.11ax HE20 SU SP Minimum 26 dB EBW

Figure 28- 802.11ax HE20 SU SP Maximum 26 dB EBW

Figure 29- 802.11ax HE20 SU VLP Minimum 26 dB EBW

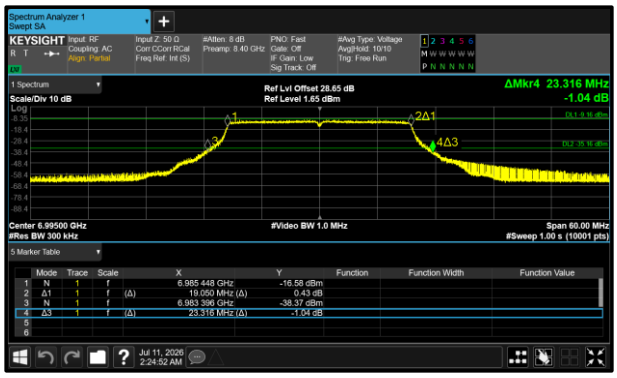

Figure 30- 802.11ax HE20 SU VLP Maximum 26 dB EBW

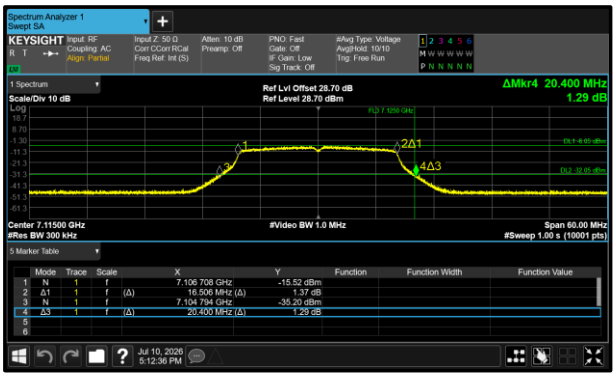

Figure 31- 802.11a20 LPI Minimum 26 dB EBW

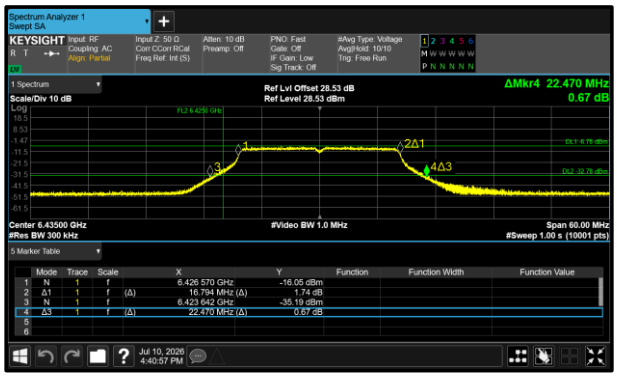

Figure 32- 802.11a20 LPI Maximum 26 dB EBW

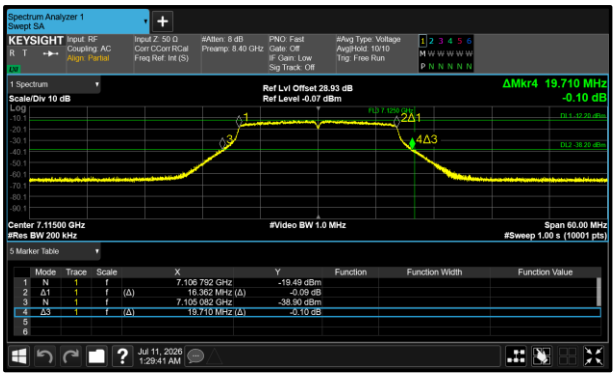

Figure 33- 802.11a20 VLP Minimum 26 dB EBW

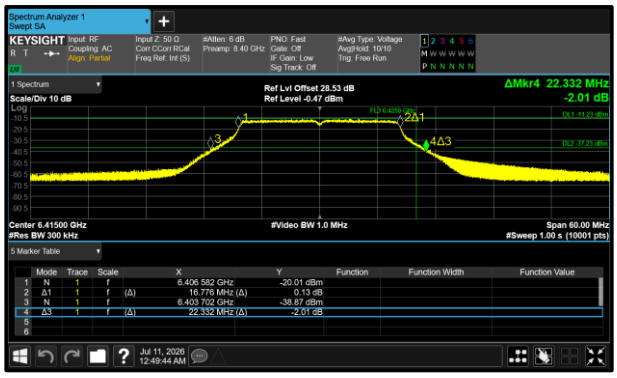

Figure 34- 802.11a20 VLP Maximum 26 dB EBW

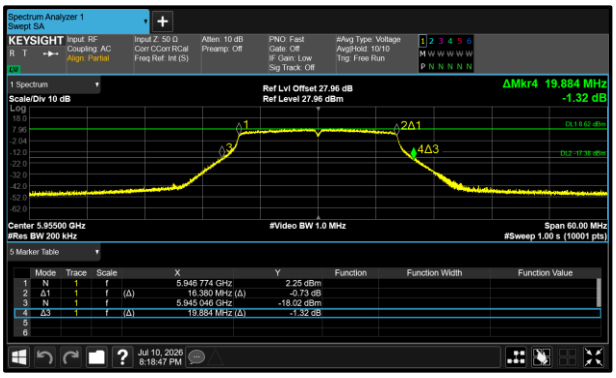

Figure 35- 802.11a20 SP Minimum 26 dB EBW

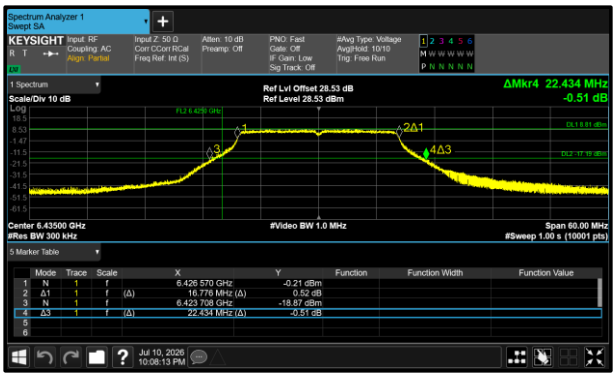

Figure 36- 802.11a20 SP Maximum 26 dB EBW

Protocol	26 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11ax HE20 SU LPI	21.372	23.106
802.11ax HE20 SU SP	21.342	22.920
802.11ax HE20 SU VLP	21.510	23.244

Table 601 - 26 dB Bandwidth Summary Results - MIMO SDM

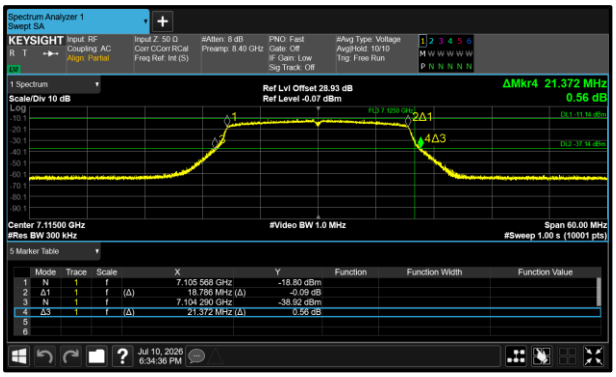

Figure 37- 802.11ax HE20 SU LPI Minimum 26 dB EBW

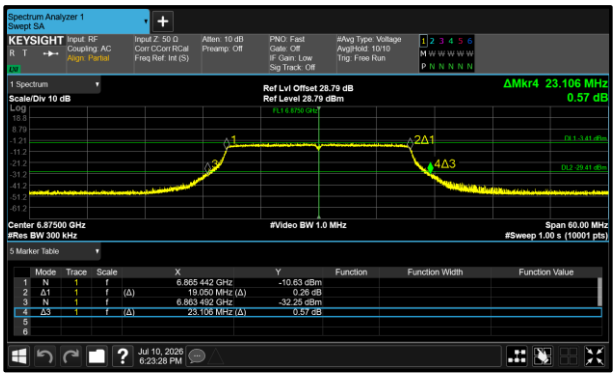

Figure 38- 802.11ax HE20 SU LPI Maximum 26 dB EBW

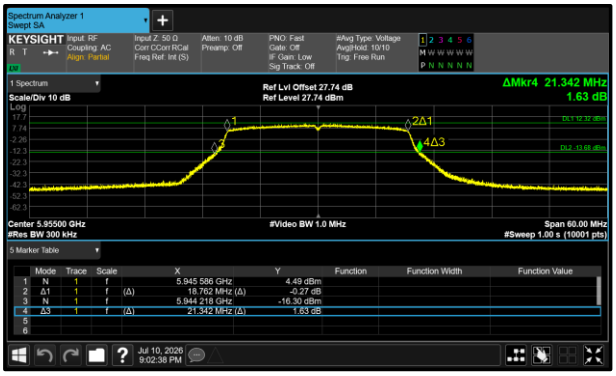

Figure 39- 802.11ax HE20 SU SP Minimum 26 dB EBW

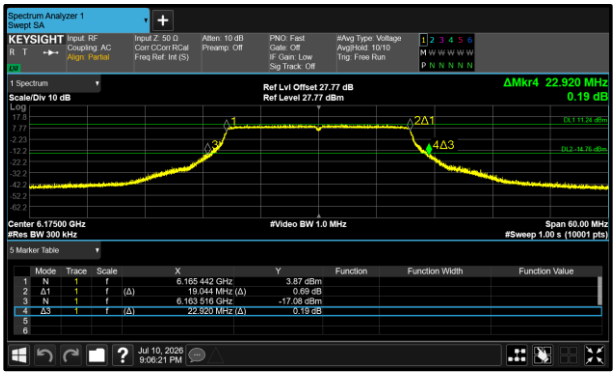

Figure 40- 802.11ax HE20 SU SP Maximum 26 dB EBW

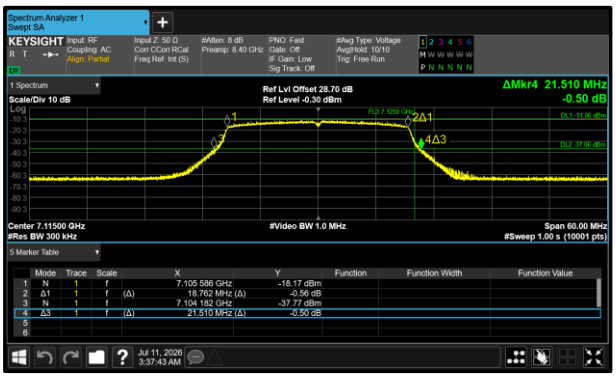

Figure 41- 802.11ax HE20 SU VLP Minimum 26 dB EBW

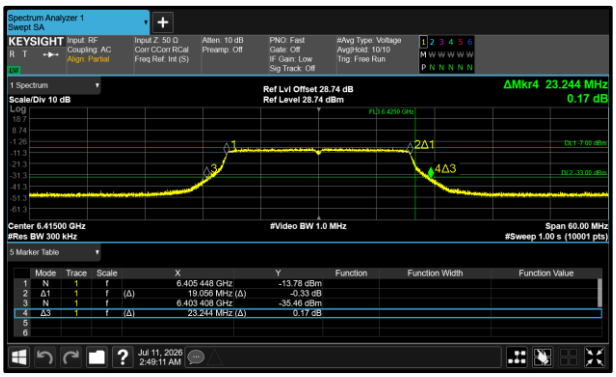

Figure 42- 802.11ax HE20 SU VLP Maximum 26 dB EBW

Protocol	26 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11ax HE20 SU LPI	21.444	23.424
802.11ax HE20 SU SP	21.426	23.178
802.11ax HE20 SU VLP	21.684	23.322

Table 602 - 26 dB Bandwidth Summary Results - TxBF

Figure 43- 802.11ax HE20 SU LPI Minimum 26 dB EBW

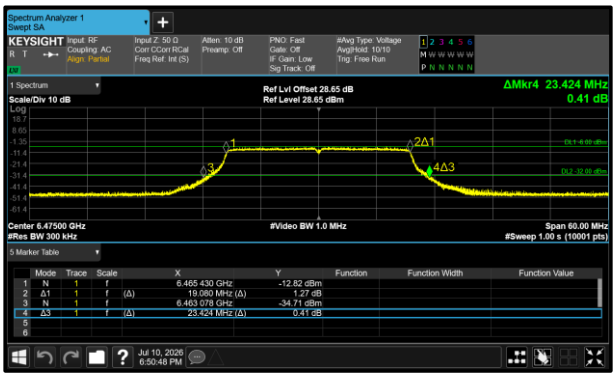

Figure 44- 802.11ax HE20 SU LPI Maximum 26 dB EBW

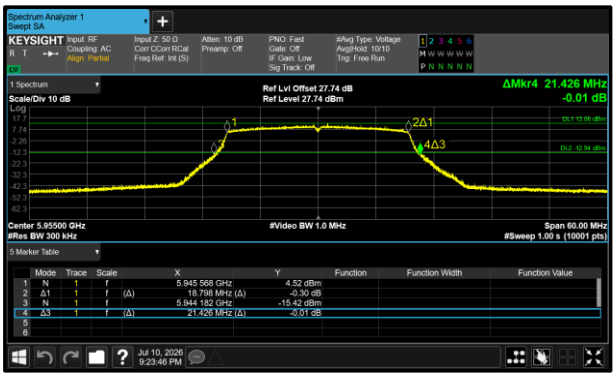

Figure 45- 802.11ax HE20 SU SP Minimum 26 dB EBW

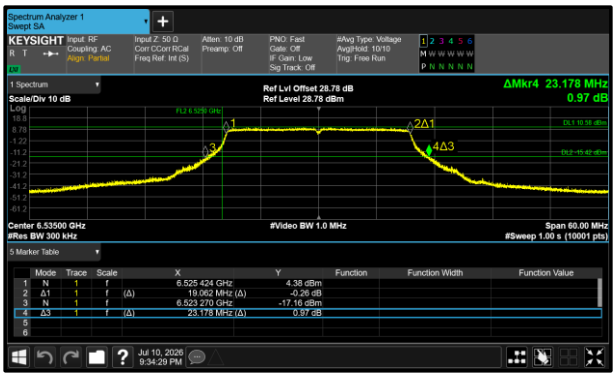

Figure 46- 802.11ax HE20 SU SP Maximum 26 dB EBW

Figure 47- 802.11ax HE20 SU VLP Minimum 26 dB EBW

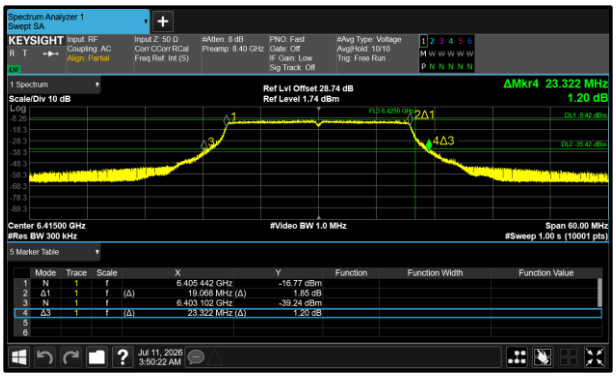

Figure 48- 802.11ax HE20 SU VLP Maximum 26 dB EBW

Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11ax HE20 SU LPI	18.792	19.080
802.11ax HE20 SU SP	18.798	19.074
802.11ax HE20 SU VLP	18.810	19.080
802.11a20 LPI	16.362	16.788
802.11a20 VLP	16.368	16.788
802.11a20 SP	16.482	16.776

Table 603 - 99% Bandwidth Summary Results – SISO Core 0

Figure 49- 802.11ax HE20 SU LPI Minimum 99% OBW

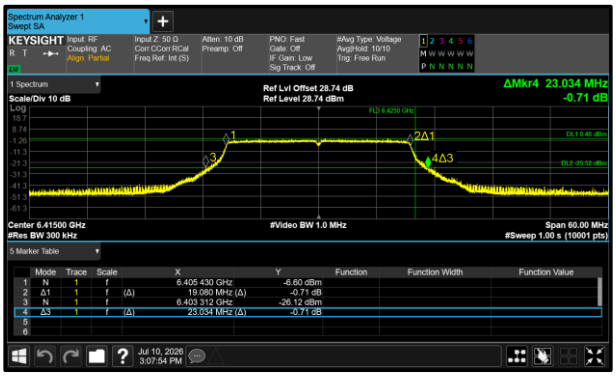

Figure 50- 802.11ax HE20 SU LPI Maximum 99% OBW

Figure 51- 802.11ax HE20 SU SP Minimum 99% OBW

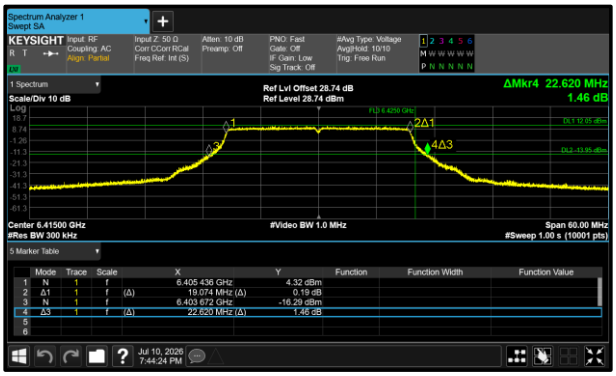

Figure 52- 802.11ax HE20 SU SP Maximum 99% OBW

Figure 53- 802.11ax HE20 SU VLP Minimum 99% OBW

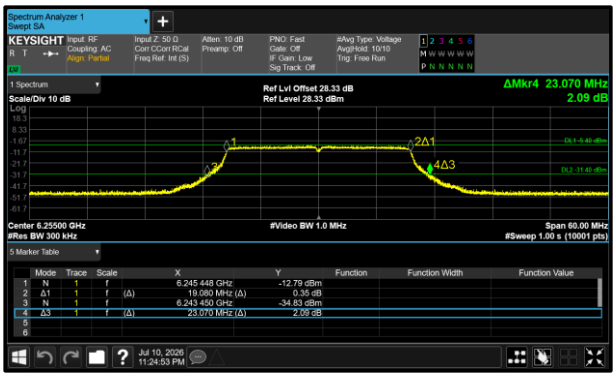

Figure 54- 802.11ax HE20 SU VLP Maximum 99% OBW

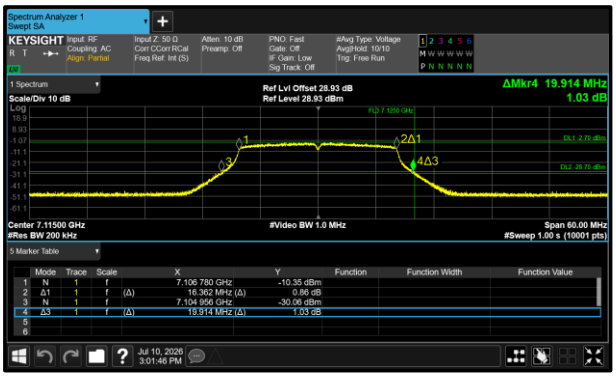

Figure 55- 802.11a20 LPI Minimum 99% OBW

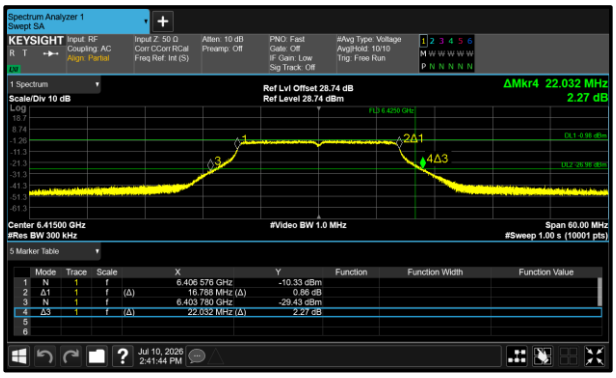

Figure 56- 802.11a20 LPI Maximum 99% OBW

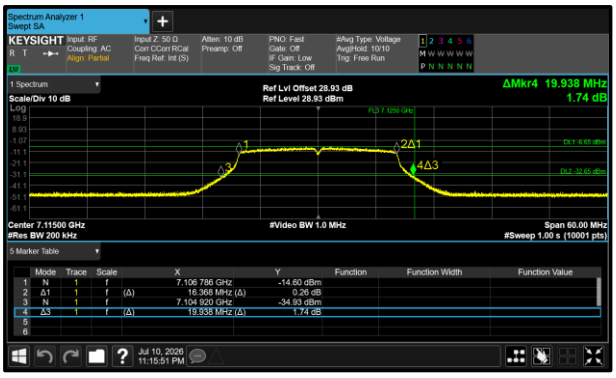

Figure 57- 802.11a20 VLP Minimum 99% OBW

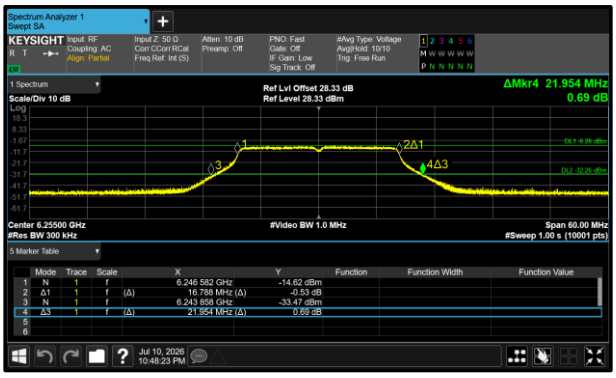

Figure 58- 802.11a20 VLP Maximum 99% OBW

Figure 59- 802.11a20 SP Minimum 99% OBW

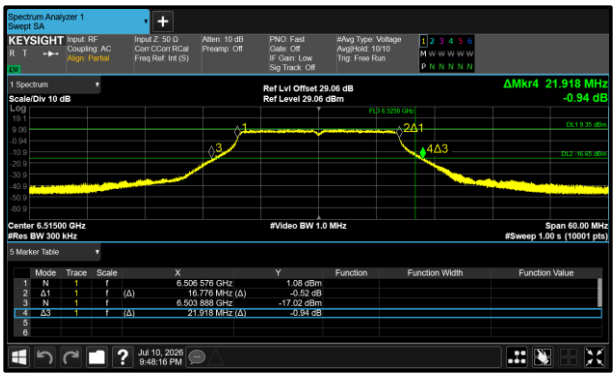

Figure 60- 802.11a20 SP Maximum 99% OBW

Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11ax HE20 SU LPI	18.780	19.074
802.11ax HE20 SU SP	18.786	19.074
802.11ax HE20 SU VLP	18.798	19.080
802.11a20 LPI	16.362	16.770
802.11a20 VLP	16.368	16.776
802.11a20 SP	16.362	16.764

Table 604 - 99% Bandwidth Summary Results – SISO Core 1

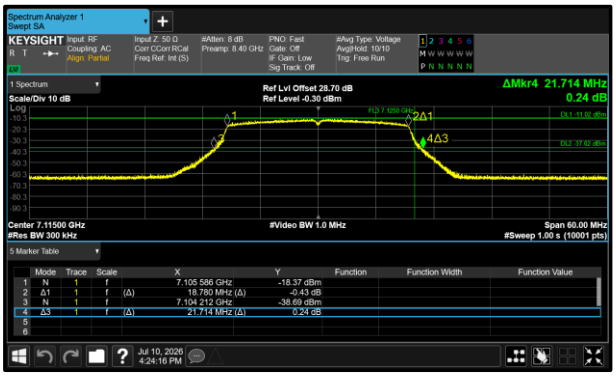

Figure 61- 802.11ax HE20 SU LPI Minimum 99% OBW

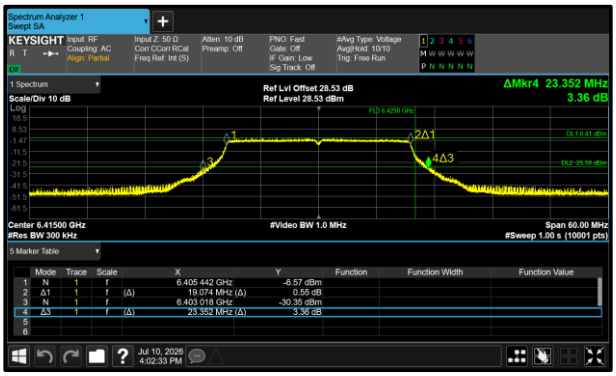

Figure 62- 802.11ax HE20 SU LPI Maximum 99% OBW

Figure 63- 802.11ax HE20 SU SP Minimum 99% OBW

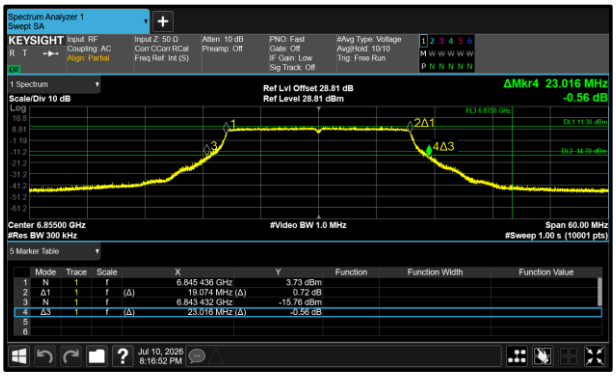

Figure 64- 802.11ax HE20 SU SP Maximum 99% OBW

Figure 65- 802.11ax HE20 SU VLP Minimum 99% OBW

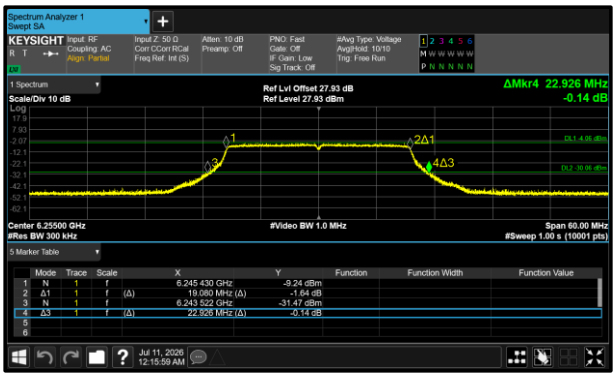

Figure 66- 802.11ax HE20 SU VLP Maximum 99% OBW

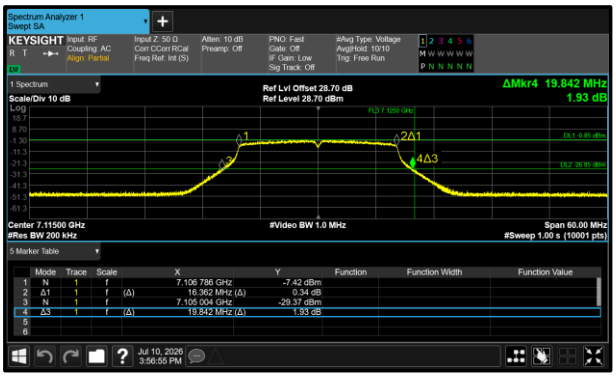

Figure 67- 802.11a20 LPI Minimum 99% OBW

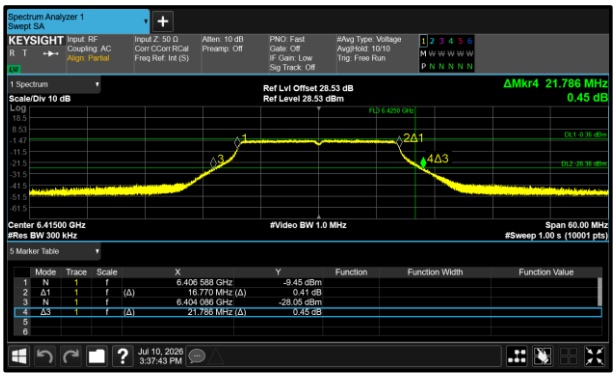

Figure 68- 802.11a20 LPI Maximum 99% OBW

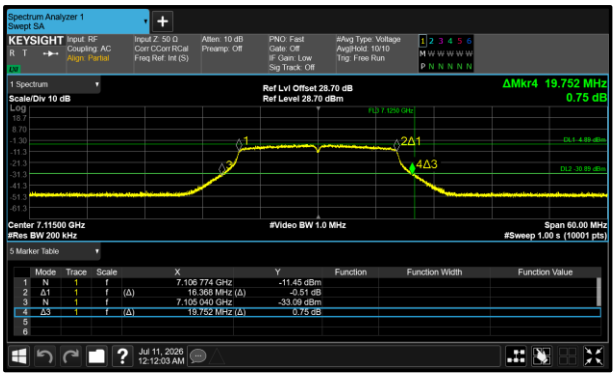

Figure 69- 802.11a20 VLP Minimum 99% OBW

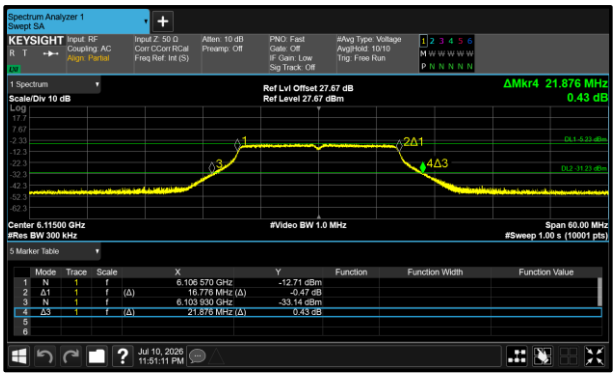

Figure 70- 802.11a20 VLP Maximum 99% OBW

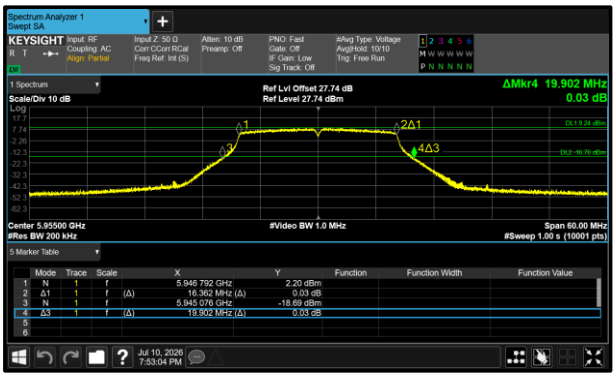

Figure 71- 802.11a20 SP Minimum 99% OBW

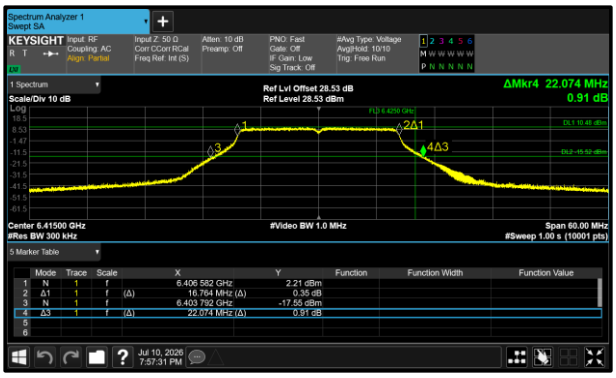

Figure 72- 802.11a20 SP Maximum 99% OBW