Test Configuration			
Frequency Range:	5925 MHz-7125 MHz	Band:	U-NII-5 to U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5965	-	12.30	-	-
6165	-	13.54	-	-
6405	13.00	-	-	-
6445	11.87	-	-	-
6485	13.00	-	-	-
6525	12.45	-	-	-
6565	-	12.77	-	-
6685	-	12.88	-	-
6845	-	13.76	-	-
6885	-	13.45	-	-
6925	13.47	-	-	-
7005	14.07	-	-	-
7085	13.94	-	-	-

Table 502 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz-7125 MHz	Band:	U-NII-5 to U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5985	-	9.65	-	-
6145	-	8.75	-	-
6385	9.48	-	-	-
6465	7.87	-	-	-
6545	-	9.10	-	-
6625	-	8.50	-	-
6705	-	9.07	-	-
6785	-	8.85	-	-
6865	-	9.19	-	-
6945	8.15	-	-	-
7025	9.70	-	-	-

Table 503 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz-7125 MHz	Band:	U-NII-5 to U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6025	-	7.09	-	-
6185	-	6.84	-	-
6345	7.80	-	-	-
6505	9.00	-	-	-
6665	-	6.82	-	-
6825	-	7.64	-	-
6985	7.35	-	-	-

Table 504 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz-7125 MHz	Band:	U-NII-5 to U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU26.0)	-	21.15	-	-
6175 (RU26.0)	-	19.70	-	-
6415 (RU26.8)	19.65	-	-	-
6435 (RU26.0)	20.35	-	-	-
6475 (RU26.0)	19.49	-	-	-
6515 (RU26.8)	20.06	-	-	-
6535 (RU26.0)	-	21.14	-	-
6695 (RU26.0)	-	20.07	-	-
6855 (RU26.8)	-	18.11	-	-
6875 (RU26.3)	-	20.30	-	-
6875 (RU26.5)	-	20.88	-	-
6895 (RU26.0)	20.54	-	-	-
6995 (RU26.0)	20.47	-	-	-
7095 (RU26.8)	19.04	-	-	-

Table 505 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz-7125 MHz	Band:	U-NII-5 to U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU52 LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0) | B (Core 1)	Active Chain Id(s):	0 | 1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU52.37)	-	19.05	-	-
6175 (RU52.37)	-	6.25	-	-
6415 (RU52.40)	5.89	-	-	-
6435 (RU52.37)	6.97	-	-	-
6475 (RU52.37)	6.56	-	-	-
6515 (RU52.40)	6.72	-	-	-
6535 (RU52.37)	-	20.09	-	-
6695 (RU52.37)	-	6.22	-	-
6855 (RU52.40)	-	5.71	-	-
6875 (RU52.38)	-	5.63	-	-
6875 (RU52.39)	-	5.68	-	-
6895 (RU52.37)	5.29	-	-	-
6995 (RU52.37)	5.17	-	-	-
7095 (RU52.40)	5.72	-	-	-

Table 506 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz-7125 MHz	Band:	U-NII-5 to U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU106 LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0) | B (Core 1)	Active Chain Id(s):	0 | 1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU106.53)	-	6.37	-	-
6175 (RU106.53)	-	6.16	-	-
6415 (RU106.54)	6.02	-	-	-
6435 (RU106.53)	7.07	-	-	-
6475 (RU106.53)	6.30	-	-	-
6515 (RU106.54)	6.81	-	-	-
6535 (RU106.53)	-	5.97	-	-
6695 (RU106.53)	-	6.52	-	-
6855 (RU106.54)	-	6.11	-	-
6875 (RU106.53)	-	5.93	-	-
6875 (RU106.54)	-	5.61	-	-
6895 (RU106.53)	5.46	-	-	-
6995 (RU106.53)	5.49	-	-	-
7095 (RU106.54)	5.77	-	-	-

Table 507 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11a SP	6.82	6431.900
802.11ax HE20 SU SP	4.20	6438.100
802.11ax HE40 SU SP	2.61	6449.490
802.11ax HE80 SU SP	3.46	6481.500
802.11ax HE160 SU SP	5.28	6110.000

Table 508 - Unwanted Emissions Within the RLAN Band Summary Results - SISO SP

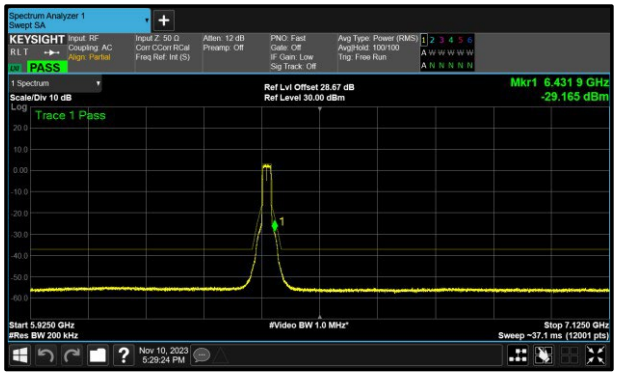

Figure 195 - A(Core 0) 802.11a SP 6415 MHz (CH93)

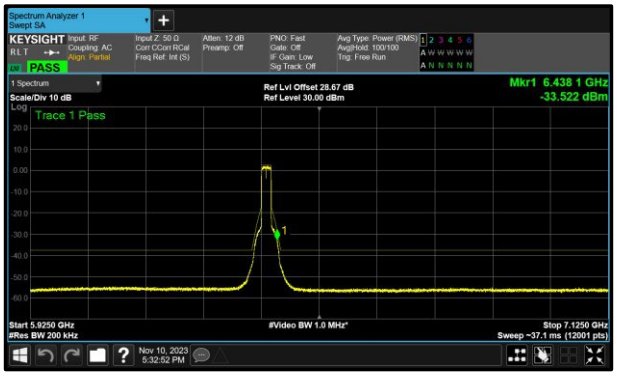

Figure 196- A(Core 0) 802.11ax HE20 SU SP 6415 MHz (CH93)

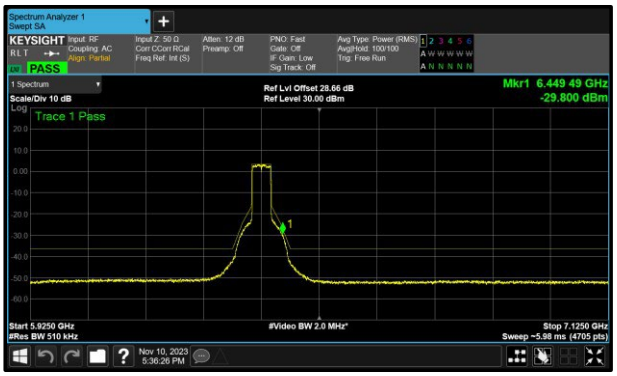

Figure 197- A(Core 0) 802.11ax HE40 SU SP
6405 MHz (CH91)

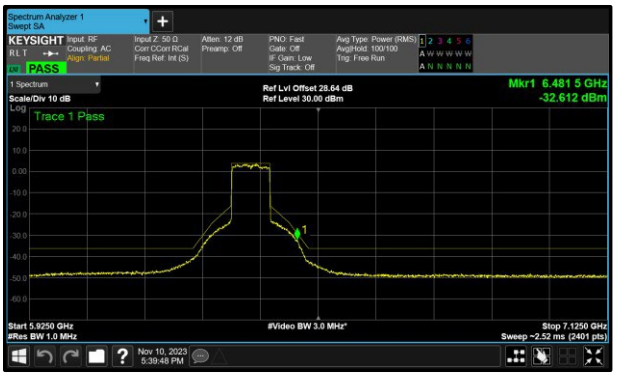

Figure 198- A(Core 0) 802.11ax HE80 SU SP
6385 MHz (CH87)

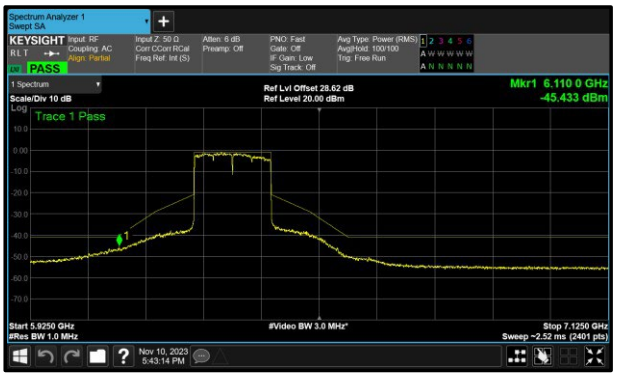

Figure 199- A(Core 0) 802.11ax HE160 SU SP
6345 MHz (CH79)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 SP	14.31	6426.000
802.11ax HE20 RU26 SP	19.37	6425.800
802.11ax HE20 RU52 SP	17.63	6425.900

Table 509 - Unwanted Emissions Within the RLAN Band Summary Results - SISO RU SP

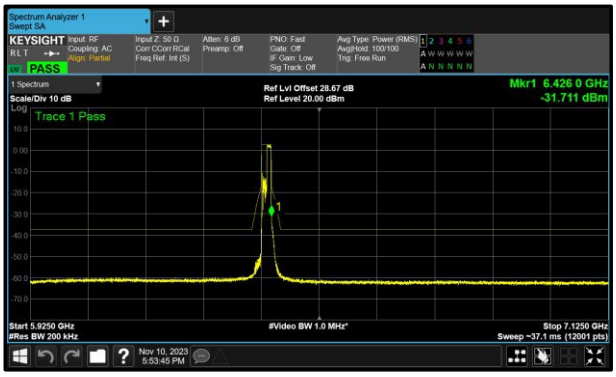

Figure 200- A(Core 0) 802.11ax HE20 RU106 SP 6415 MHz (CH93)

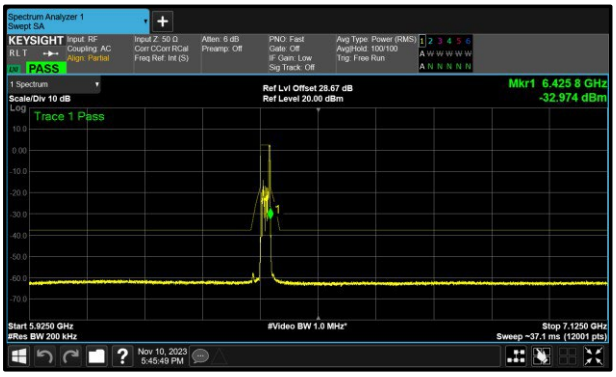

Figure 201- A(Core 0) 802.11ax HE20 RU26 SP 6415 MHz (CH93)

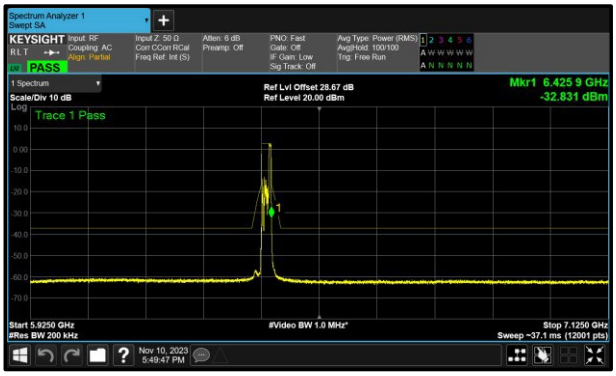

Figure 202- A(Core 0) 802.11ax HE20 RU52 SP 6415 MHz (CH93)

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5, U-NII-7
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	-	14.97	-	-
6175	-	10.04	-	-
6415	6.82	-	-	-
6535	-	10.34	-	-
6695	-	11.20	-	-
6855	-	11.18	-	-

Table 510 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5, U-NII-7
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	-	13.59	-	-
6175	-	6.22	-	-
6415	4.20	-	-	-
6535	-	7.65	-	-
6695	-	8.44	-	-
6855	-	8.43	-	-

Table 511 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5, U-NII-7
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5965	-	9.76	-	-
6165	-	5.74	-	-
6405	2.61	-	-	-
6565	-	4.76	-	-
6685	-	6.09	-	-
6845	-	6.10	-	-

Table 512 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5, U-NII-7
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5985	-	7.70	-	-
6145	-	4.85	-	-
6385	3.46	-	-	-
6625	-	3.83	-	-
6705	-	4.53	-	-
6785	-	4.29	-	-

Table 513 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5, U-NII-7
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6025	-	8.38	-	-
6185	-	5.75	-	-
6345	5.28	-	-	-
6665	-	7.08	-	-

Table 514 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5, U-NII-7
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU26.0)	-	20.15	-	-
6175 (RU26.0)	-	20.34	-	-
6415 (RU26.8)	19.37	-	-	-
6535 (RU26.0)	-	20.50	-	-
6695 (RU26.0)	-	20.31	-	-
6855 (RU26.8)	-	20.13	-	-

Table 515 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5, U-NII-7
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU52 SP	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0) | B (Core 1)	Active Chain Id(s):	0 | 1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU52.37)	-	18.62	-	-
6175 (RU52.37)	-	19.77	-	-
6415 (RU52.40)	17.63	-	-	-
6535 (RU52.37)	-	19.19	-	-
6695 (RU52.37)	-	18.70	-	-
6855 (RU52.40)	-	18.70	-	-

Table 516 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5, U-NII-7
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU106 SP	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0) | B (Core 1)	Active Chain Id(s):	0 | 1

-

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU106.53)	-	17.99	-	-
6175 (RU106.53)	-	17.82	-	-
6415 (RU106.54)	14.31	-	-	-
6535 (RU106.53)	-	16.56	-	-
6695 (RU106.53)	-	17.05	-	-
6855 (RU106.54)	-	16.94	-	-

Table 517 - Unwanted Emissions Within the Band Results

MIMO CDD

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU LPI	14.11	5975.700
802.11ax HE40 SU LPI	10.97	6093.367
802.11ax HE80 SU LPI	7.63	6986.000
802.11ax HE160 SU LPI	7.44	6746.000

Table 518 - Unwanted Emissions Within the RLAN Band Summary Results-LPI MIMO CDD

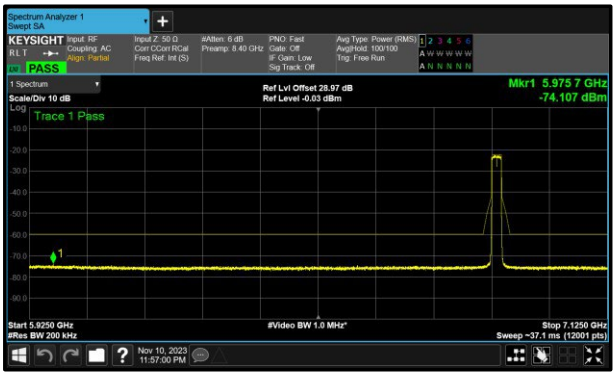

Figure 203 - A(Core 0) 802.11ax HE20 SU LPI 6895 MHz (CH189)

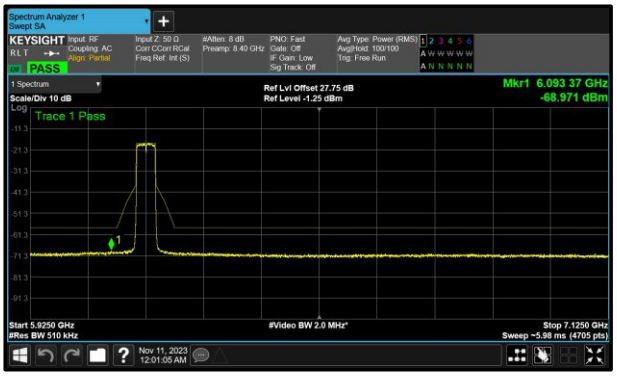

Figure 204 - B(Core 1) 802.11ax HE40 SU LPI 6165 MHz (CH43)

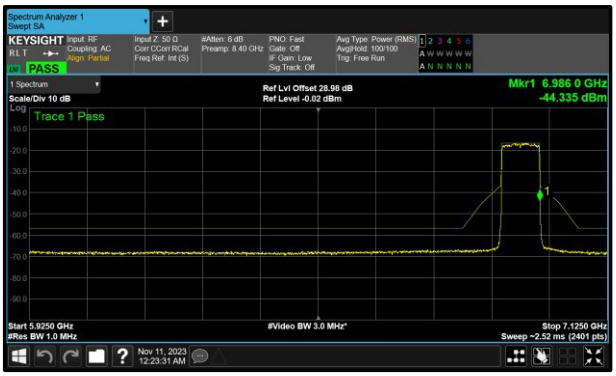

Figure 205 - A(Core 0) 802.11ax HE80 SU LPI 6945 MHz (CH199)

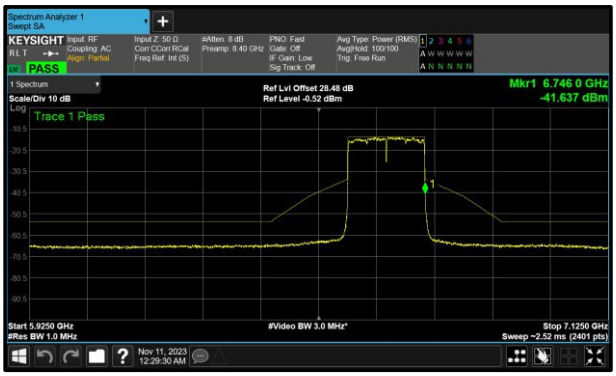

Figure 206 - B(Core 1) 802.11ax HE160 SU LPI 6665 MHz (CH143)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 LPI	16.24	6416.700
802.11ax HE20 RU52 LPI	16.99	5930.400

Table 519 - Unwanted Emissions Within the RLAN Band Summary Results-LPI MIMO CDD RU

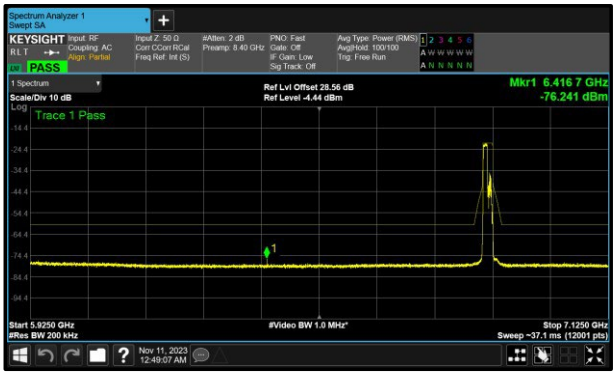

Figure 207- B(Core 1) 802.11ax HE20 RU106 LPI 6875 MHz (CH185)

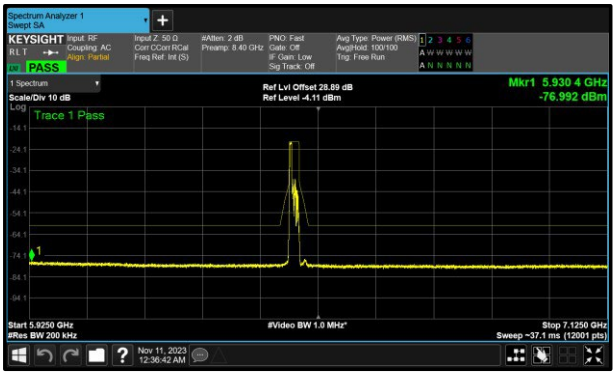

Figure 208- A(Core 0) 802.11ax HE20 RU52 LPI 6475 MHz (CH105)

Test Configuration			
Frequency Range:	5925 MHz-7125 MHz	Band:	U-NII-5 to U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 SU LPI	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	15.20	15.43	-	-
6175	15.03	15.39	-	-
6415	14.52	14.86	-	-
6435	14.39	14.79	-	-
6475	14.35	14.67	-	-
6515	14.47	14.56	-	-
6535	14.47	14.81	-	-
6695	14.60	14.91	-	-
6855	14.66	14.68	-	-
6875	14.60	14.53	-	-
6895	14.11	14.72	-	-
6995	14.55	14.57	-	-
7095	14.39	14.69	-	-

Table 520 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz-7125 MHz	Band:	U-NII-5 to U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE40 SU LPI	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	11.08	11.78	-	-
6165	11.42	10.97	-	-
6405	12.17	12.74	-	-
6445	11.97	13.12	-	-
6485	12.22	12.62	-	-
6525	11.80	12.13	-	-
6565	11.13	11.39	-	-
6685	11.99	12.07	-	-
6845	12.07	12.21	-	-
6885	12.42	11.79	-	-
6925	11.49	11.63	-	-
7005	12.14	12.55	-	-
7085	12.12	11.92	-	-

Table 521 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz-7125 MHz	Band:	U-NII-5 to U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	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	9.83	9.40	-	-
6145	9.35	9.30	-	-
6385	10.50	9.66	-	-
6465	9.17	8.87	-	-
6545	10.15	10.00	-	-
6625	9.42	8.94	-	-
6705	8.55	9.81	-	-
6785	9.80	10.24	-	-
6865	10.12	9.58	-	-
6945	7.63	8.75	-	-
7025	10.41	9.72	-	-

Table 522 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz-7125 MHz	Band:	U-NII-5 to U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE160 SU LPI	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	7.72	8.11	-	-
6185	7.85	10.16	-	-
6345	8.57	8.65	-	-
6505	7.65	8.42	-	-
6665	7.99	7.44	-	-
6825	7.49	8.87	-	-
6985	9.70	7.64	-	-

Table 523 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz-7125 MHz	Band:	U-NII-5 to U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU52 LPI	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
6275 (RU52.37)	17.46	17.84	-	-
6335 (RU52.37)	17.27	17.75	-	-
6415 (RU52.40)	17.15	17.54	-	-
6435 (RU52.37)	17.07	17.33	-	-
6475 (RU52.37)	16.99	17.18	-	-
6515 (RU52.40)	17.13	17.40	-	-

Table 524 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz-7125 MHz	Band:	U-NII-5 to U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU106 LPI	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)	17.44	17.67	-	-
6175 (RU106.53)	17.49	17.82	-	-
6415 (RU106.54)	17.04	17.41	-	-
6435 (RU106.53)	16.99	17.43	-	-
6475 (RU106.53)	16.86	17.28	-	-
6515 (RU106.54)	16.69	17.16	-	-
6535 (RU106.53)	17.04	17.13	-	-
6695 (RU106.53)	17.01	17.57	-	-
6855 (RU106.54)	16.44	16.75	-	-
6875 (RU106.53)	16.84	16.24	-	-
6875 (RU106.54)	16.97	17.06	-	-
6895 (RU106.53)	16.98	16.88	-	-
6995 (RU106.53)	16.92	16.72	-	-
7095 (RU106.54)	17.16	17.04	-	-

Table 525 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU SP	15.50	6142.700
802.11ax HE40 SU SP	13.20	6426.020
802.11ax HE80 SU SP	4.54	6477.000
802.11ax HE160 SU SP	5.19	6104.000

Table 526 - Unwanted Emissions Within the RLAN Band Summary Results - MIMO CDD SP

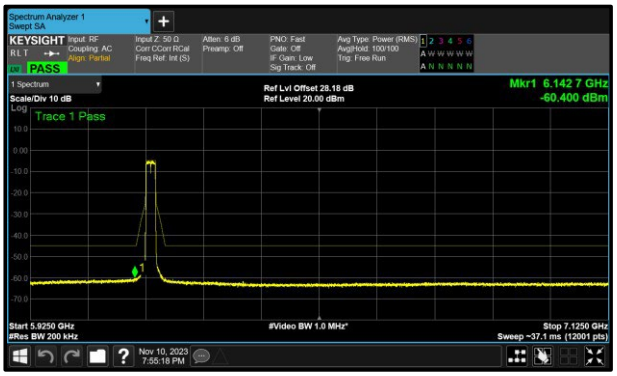

Figure 209 - A(Core 0) 802.11ax HE20 SU SP 6175 MHz (CH45)

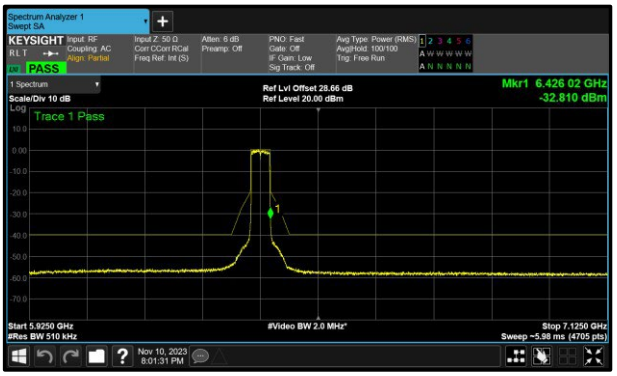

Figure 210 - A(Core 0) 802.11ax HE40 SU SP 6405 MHz (CH91)

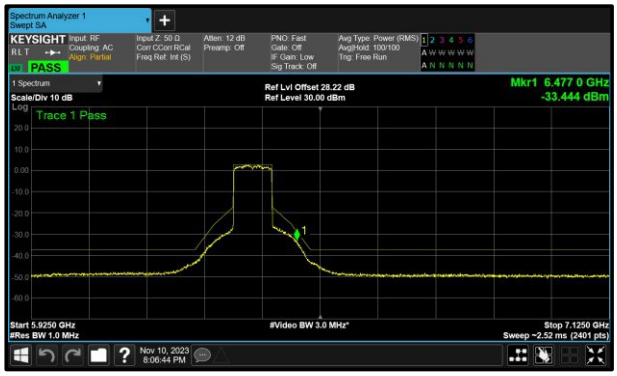

Figure 211 - B(Core 1) 802.11ax HE80 SU SP 6385 MHz (CH87)

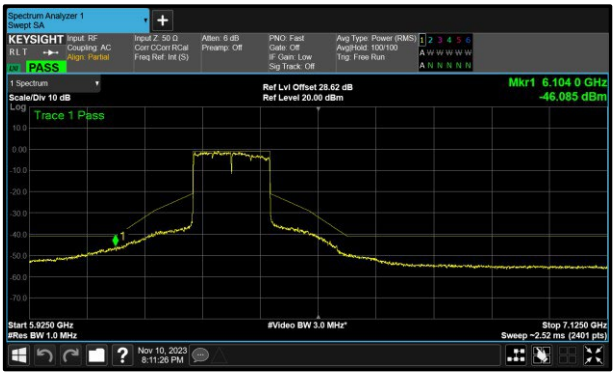

Figure 212 - A(Core 0) 802.11ax HE160 SU SP 6345 MHz (CH79)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 SP	16.44	6144.700
802.11ax HE20 RU26 SP	16.65	6093.000
802.11ax HE20 RU52 SP	16.45	6136.100

Table 527 - Unwanted Emissions Within the RLAN Band Summary Results - MIMO CDD RU SP

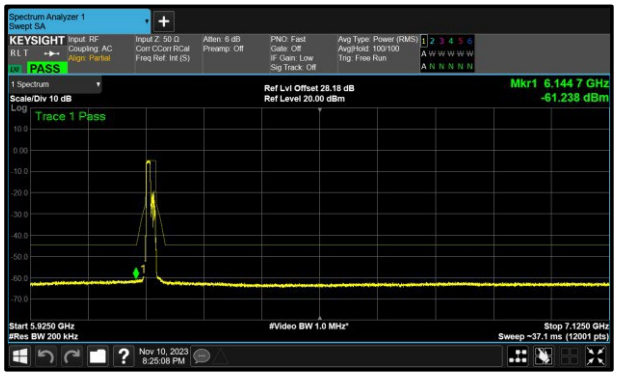

Figure 213 - A(Core 0) 802.11ax HE20 RU106 SP 6175 MHz (CH45)

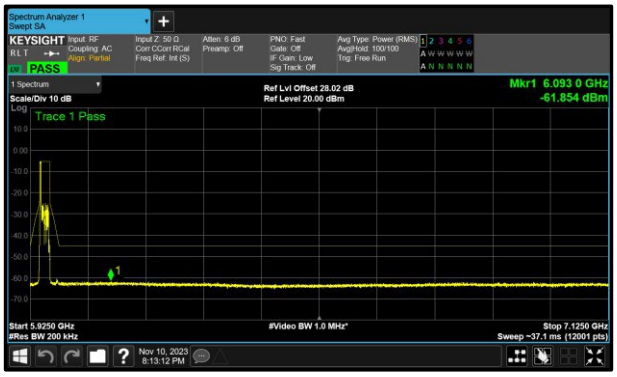

Figure 214 - A(Core 0) 802.11ax HE20 RU26 SP 5955 MHz (CH1)

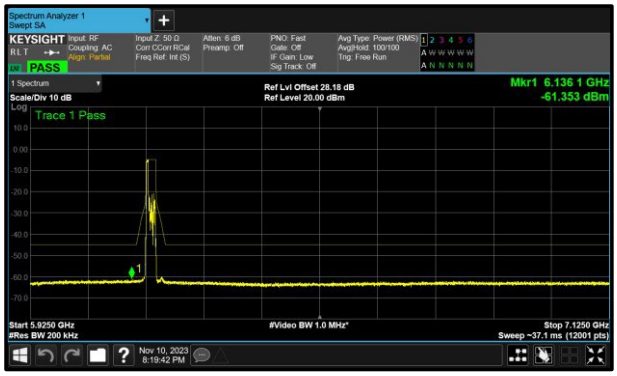

Figure 215 - A(Core 0) 802.11ax HE20 RU52 SP 6175 MHz (CH45)

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5, U-NII-7
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 SU SP	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	16.17	16.57	-	-
6175	15.50	16.11	-	-
6415	15.79	16.74	-	-
6535	16.46	16.82	-	-
6695	15.88	16.09	-	-
6855	15.62	16.09	-	-

Table 528 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5, U-NII-7
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE40 SU SP	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	15.14	14.84	-	-
6165	14.35	14.96	-	-
6405	13.20	13.74	-	-
6565	14.82	14.98	-	-
6685	15.82	13.86	-	-
6845	14.30	14.71	-	-

Table 529 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5, U-NII-7
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE80 SU SP	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	8.82	9.68	-	-
6145	6.74	5.79	-	-
6385	5.40	4.54	-	-
6625	7.70	8.64	-	-
6705	7.16	7.98	-	-
6785	7.38	7.21	-	-

Table 530 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5, U-NII-7
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE160 SU SP	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	7.92	9.00	-	-
6185	5.63	5.65	-	-
6345	5.19	5.33	-	-
6665	6.53	8.74	-	-

Table 531 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5, U-NII-7
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU26 SP	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 (RU26.0)	16.65	17.69	-	-
6175 (RU26.0)	17.01	17.32	-	-
6415 (RU26.8)	17.42	17.98	-	-
6535 (RU26.0)	17.17	18.06	-	-
6695 (RU26.0)	17.08	17.69	-	-
6855 (RU26.8)	17.20	17.65	-	-

Table 532 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5, U-NII-7
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU52 SP	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)	16.56	17.33	-	-
6175 (RU52.37)	16.45	17.60	-	-
6415 (RU52.40)	17.29	18.36	-	-
6535 (RU52.37)	16.59	18.10	-	-
6695 (RU52.37)	17.06	17.80	-	-
6855 (RU52.40)	16.47	17.42	-	-

Table 533 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5, U-NII-7
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU106 SP	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)	17.11	17.34	-	-
6175 (RU106.53)	16.44	17.22	-	-
6415 (RU106.54)	16.89	16.94	-	-
6535 (RU106.53)	17.10	17.98	-	-
6695 (RU106.53)	17.39	17.60	-	-
6855 (RU106.54)	17.25	17.49	-	-

Table 534 - Unwanted Emissions Within the Band Results

MIMO SDM

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU LPI	14.64	6143.000
802.11ax HE40 SU LPI	11.55	6159.184
802.11ax HE80 SU LPI	8.31	6986.000
802.11ax HE160 SU LPI	6.75	6586.000

Table 535 - Unwanted Emissions Within the RLAN Band Summary Results- LPI MIMO SDM

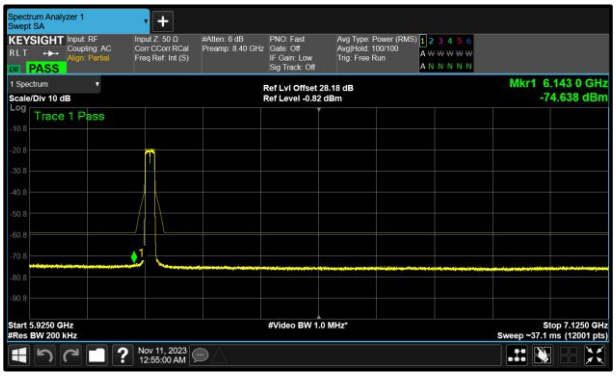

Figure 216 - A(Core 0) 802.11ax HE20 SU LPI 6175 MHz (CH45)

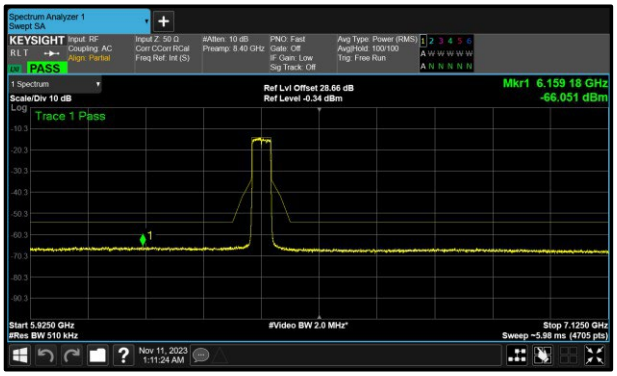

Figure 217 - A(Core 0) 802.11ax HE40 SU LPI 6405 MHz (CH91)

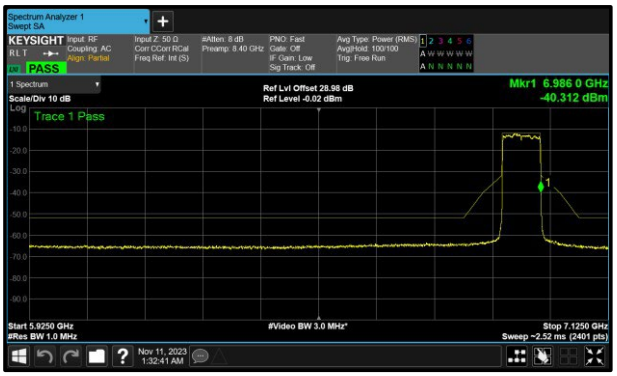

Figure 218 - B(Core 1) 802.11ax HE80 SU LPI 6945 MHz (CH199)

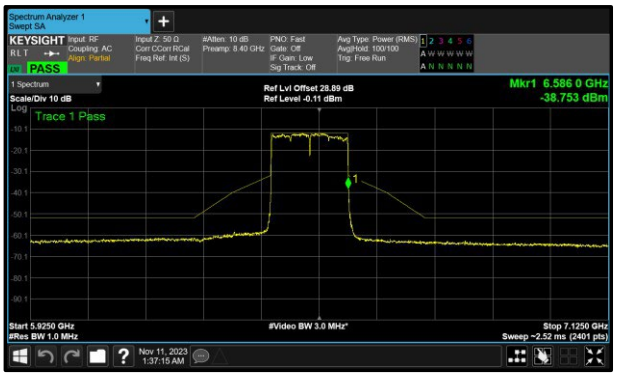

Figure 219 - A(Core 0) 802.11ax HE160 SU LPI 6505 MHz (CH111)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 LPI	10.66	6806.700
802.11ax HE20 RU26 LPI	17.46	5965.700
802.11ax HE20 RU52 LPI	17.52	5957.200

Table 536 - Unwanted Emissions Within the RLAN Band Summary Results- LPI MIMO SDM RU

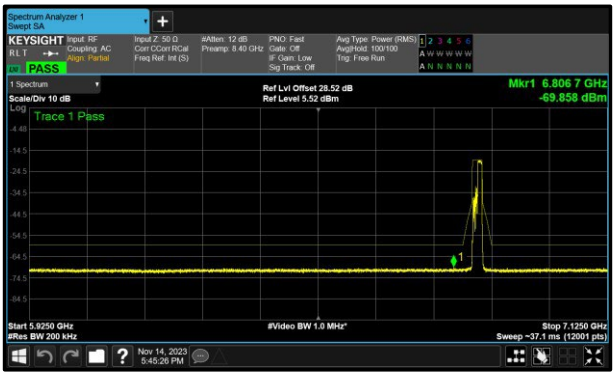

Figure 220 - B(Core 1) 802.11ax HE20 RU106 LPI 6855 MHz (CH181)

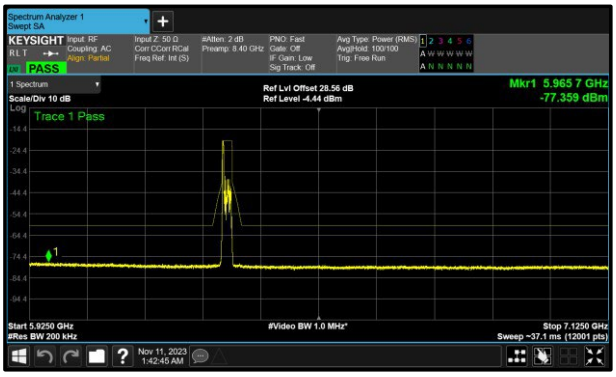

Figure 221 - A(Core 0) 802.11ax HE20 RU26 LPI 6335 MHz (CH77)

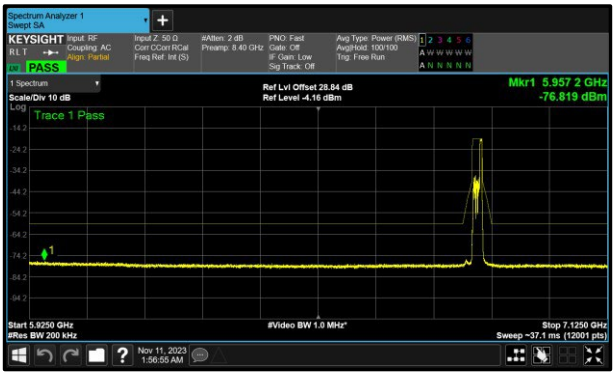

Figure 222 - A(Core 0) 802.11ax HE20 RU52 LPI 6855 MHz (CH181)

Test Configuration			
Frequency Range:	5925 MHz-7125 MHz	Band:	U-NII-5 to U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 SU LPI	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	14.66	15.30	-	-
6175	14.64	15.51	-	-
6415	14.87	15.60	-	-
6435	16.33	16.03	-	-
6475	15.79	15.90	-	-
6515	16.15	16.49	-	-
6535	15.01	15.95	-	-
6695	15.48	15.19	-	-
6855	15.15	15.52	-	-
6875	14.97	15.39	-	-
6895	14.65	15.30	-	-
6995	14.68	15.36	-	-
7095	14.82	15.14	-	-

Table 537 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz-7125 MHz	Band:	U-NII-5 to U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE40 SU LPI	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	12.19	12.82	-	-
6165	12.33	12.94	-	-
6405	11.55	12.34	-	-
6445	12.26	12.78	-	-
6485	12.00	12.33	-	-
6525	12.33	12.97	-	-
6565	11.85	12.31	-	-
6685	12.71	12.90	-	-
6845	12.27	13.34	-	-
6885	13.13	13.55	-	-
6925	11.93	13.07	-	-
7005	13.65	13.62	-	-
7085	13.31	12.99	-	-

Table 538 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz-7125 MHz	Band:	U-NII-5 to U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	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	10.23	9.05	-	-
6145	8.73	8.38	-	-
6385	9.18	10.32	-	-
6465	10.40	9.56	-	-
6545	9.11	9.45	-	-
6625	9.42	8.51	-	-
6705	9.23	9.03	-	-
6785	10.56	10.02	-	-
6865	8.98	9.88	-	-
6945	8.31	9.50	-	-
7025	9.48	10.11	-	-

Table 539 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz-7125 MHz	Band:	U-NII-5 to U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE160 SU LPI	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	7.51	7.46	-	-
6185	7.61	8.29	-	-
6345	8.51	7.97	-	-
6505	6.75	8.41	-	-
6665	7.60	7.38	-	-
6825	7.65	6.99	-	-
6985	7.04	7.27	-	-

Table 540 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz-7125 MHz	Band:	U-NII-5 to U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU26 LPI	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
6275 (RU26.0)	17.60	19.03	-	-
6335 (RU26.0)	17.46	18.86	-	-
6415 (RU26.8)	17.70	18.37	-	-
6435 (RU26.0)	18.90	19.46	-	-
6475 (RU26.0)	19.38	19.55	-	-
6515 (RU26.8)	18.94	18.88	-	-

Table 541 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz-7125 MHz	Band:	U-NII-5 to U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU52 LPI	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)	17.73	18.52	-	-
6175 (RU52.37)	17.74	19.25	-	-
6415 (RU52.40)	18.02	17.76	-	-
6435 (RU52.37)	19.31	19.93	-	-
6475 (RU52.37)	18.91	18.84	-	-
6515 (RU52.40)	17.75	17.81	-	-
6535 (RU52.37)	18.47	18.95	-	-
6695 (RU52.37)	18.51	18.85	-	-
6855 (RU52.40)	17.52	17.93	-	-
6875 (RU52.38)	18.25	18.19	-	-
6875 (RU52.39)	17.98	18.52	-	-
6895 (RU52.37)	18.01	18.39	-	-
6995 (RU52.37)	17.75	18.13	-	-
7095 (RU52.40)	17.78	18.26	-	-

Table 542 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz-7125 MHz	Band:	U-NII-5 to U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU106 LPI	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)	10.71	10.96	-	-
6175 (RU106.53)	12.04	12.45	-	-
6415 (RU106.54)	11.51	11.74	-	-
6435 (RU106.53)	12.68	12.25	-	-
6475 (RU106.53)	12.04	12.23	-	-
6515 (RU106.54)	12.72	12.82	-	-
6535 (RU106.53)	11.08	11.30	-	-
6695 (RU106.53)	11.64	11.08	-	-
6855 (RU106.54)	10.90	10.66	-	-
6875 (RU106.53)	10.72	10.73	-	-
6875 (RU106.54)	11.11	10.76	-	-
6895 (RU106.53)	10.80	10.96	-	-
6995 (RU106.53)	10.93	10.72	-	-
7095 (RU106.54)	11.26	10.89	-	-

Table 543 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU SP	15.68	6384.800
802.11ax HE40 SU SP	4.01	6443.112
802.11ax HE80 SU SP	2.51	6483.000
802.11ax HE160 SU SP	4.99	5947.500

Table 544 - Unwanted Emissions Within the RLAN Band Summary Results - MIMO SDM SP

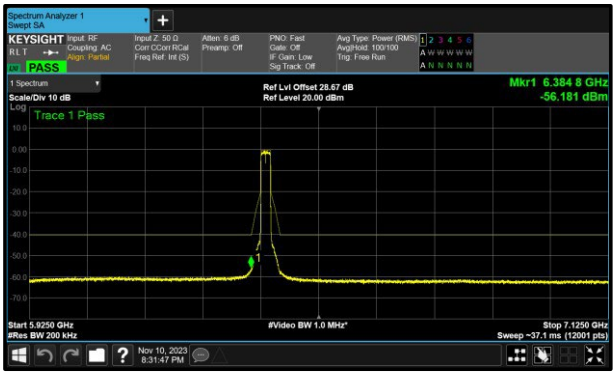

Figure 223 - A(Core 0) 802.11ax HE20 SU SP 6415 MHz (CH93)

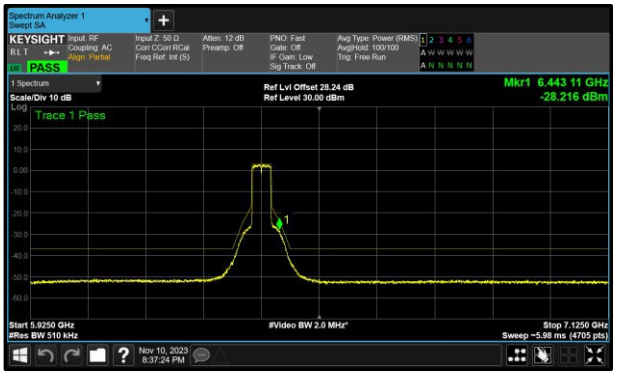

Figure 224- B(Core 1) 802.11ax HE40 SU SP 6405 MHz (CH91)

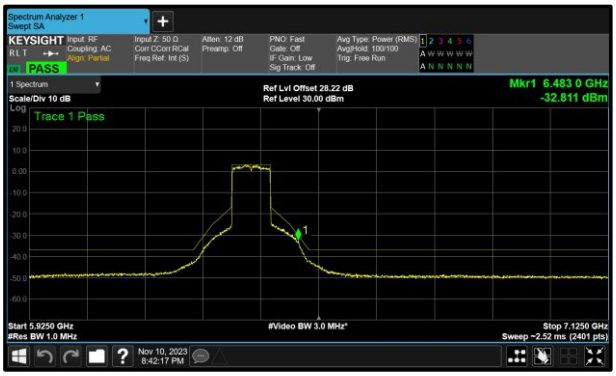

Figure 225 - B(Core 1) 802.11ax HE80 SU SP 6385 MHz (CH87)

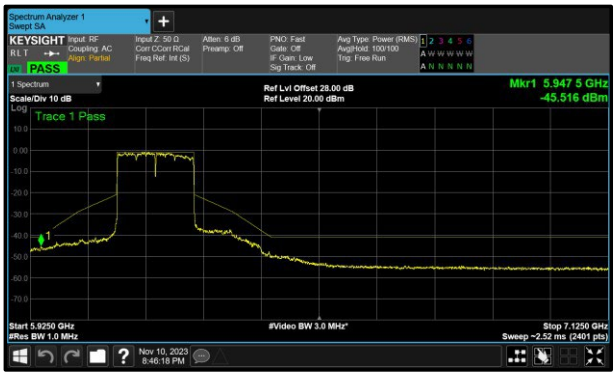

Figure 226 - B(Core 1) 802.11ax HE160 SU SP 6185 MHz (CH47)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 SP	17.00	6866.000
802.11ax HE20 RU26 SP	17.97	6866.000
802.11ax HE20 RU52 SP	17.74	6425.900

Table 545 - Unwanted Emissions Within the RLAN Band Summary Results - MIMO SDM RU SP

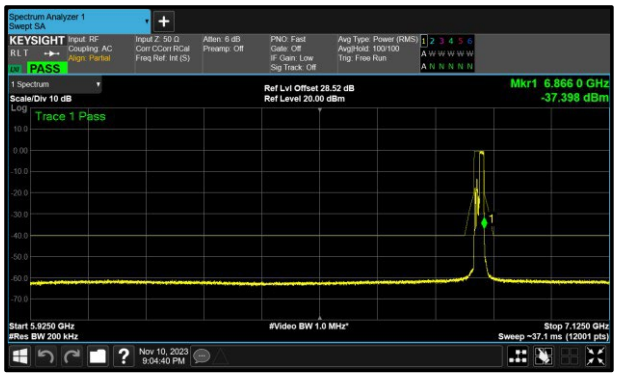

Figure 227 - B(Core 1) 802.11ax HE20 RU106 SP 6855 MHz (CH181)

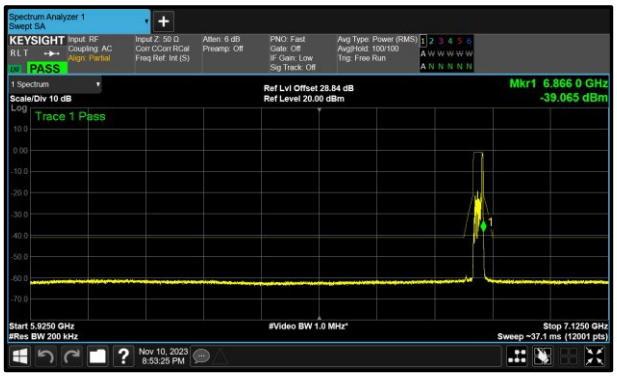

Figure 228 - A(Core 0) 802.11ax HE20 RU26 SP 6855 MHz (CH181)

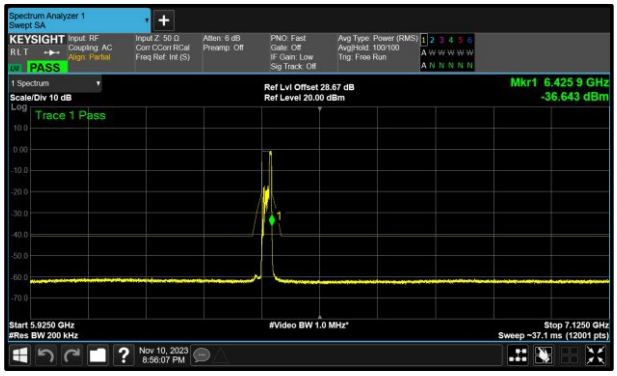

Figure 229 - A(Core 0) 802.11ax HE20 RU52 SP 6415 MHz (CH93)

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5, U-NII-7
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 SU SP	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	16.62	17.54	-	-
6175	16.39	16.88	-	-
6415	15.68	16.55	-	-
6535	16.32	16.06	-	-
6695	16.36	17.00	-	-
6855	15.77	16.27	-	-

Table 546 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5, U-NII-7
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE40 SU SP	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	15.45	13.62	-	-
6165	8.20	7.19	-	-
6405	6.78	4.01	-	-
6565	8.83	7.81	-	-
6685	8.85	7.94	-	-
6845	8.24	7.92	-	-

Table 547 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5, U-NII-7
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE80 SU SP	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	8.89	10.12	-	-
6145	6.79	5.71	-	-
6385	4.09	2.51	-	-
6625	6.46	6.87	-	-
6705	7.30	8.44	-	-
6785	6.44	6.95	-	-

Table 548 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5, U-NII-7
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE160 SU SP	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	6.76	7.89	-	-
6185	5.71	4.99	-	-
6345	5.45	5.29	-	-
6665	7.29	8.26	-	-

Table 549 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5, U-NII-7
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU26 SP	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)	19.13	20.21	-	-
6175 (RU26.0)	19.14	19.78	-	-
6415 (RU26.8)	18.69	18.17	-	-
6535 (RU26.0)	19.61	18.35	-	-
6695 (RU26.0)	19.92	19.90	-	-
6855 (RU26.8)	17.97	18.78	-	-

Table 550 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5, U-NII-7
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU52 SP	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)	19.57	19.80	-	-
6175 (RU52.37)	19.27	19.44	-	-
6415 (RU52.40)	17.74	18.44	-	-
6535 (RU52.37)	19.22	19.68	-	-
6695 (RU52.37)	18.91	19.47	-	-
6855 (RU52.40)	18.04	19.39	-	-

Table 551 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5, U-NII-7
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU106 SP	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)	18.26	18.16	-	-
6175 (RU106.53)	17.72	18.15	-	-
6415 (RU106.54)	17.59	18.43	-	-
6535 (RU106.53)	18.20	18.06	-	-
6695 (RU106.53)	17.50	18.51	-	-
6855 (RU106.54)	18.00	17.00	-	-

Table 552 - Unwanted Emissions Within the Band Results

TxBF

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE80 SU LPI	7.25	6293.000

Table 553 - Unwanted Emissions Within the RLAN Band Summary Results

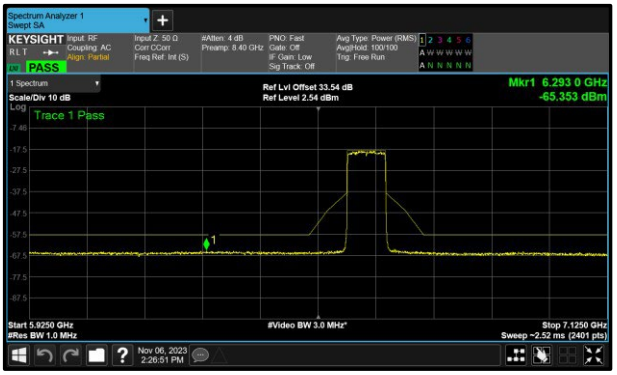

Figure 188 - A (Core 0) 802.11ax HE80 SU LPI 6625 MHz (CH135)

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 LPI	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	9.41	9.94	-	-
6145	7.94	8.99	-	-
6385	9.99	9.98	-	-
6465	9.37	10.23	-	-
6545	7.72	8.91	-	-
6625	7.25	8.09	-	-
6705	8.70	9.02	-	-
6785	8.61	8.79	-	-
6865	8.74	8.81	-	-
6945	8.53	8.39	-	-
7025	8.82	8.81	-	-

Table 554 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU SP	11.99	5986.900
802.11ax HE40 SU SP	11.08	6784.694
802.11ax HE80 SU SP	8.67	6263.000

Table 555 - Unwanted Emissions Within the RLAN Band Summary Results

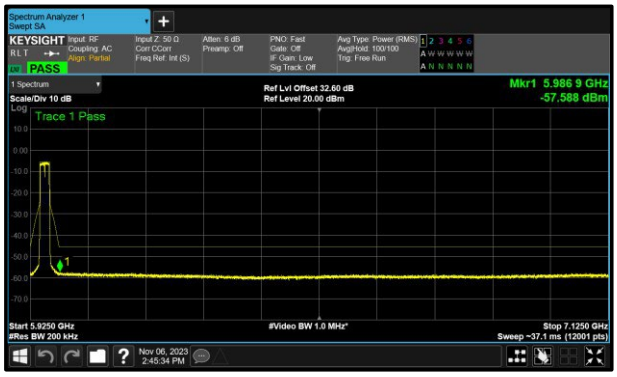

Figure 189 - A (Core 0) 802.11ax HE20 SU SP 5955 MHz (CH1)

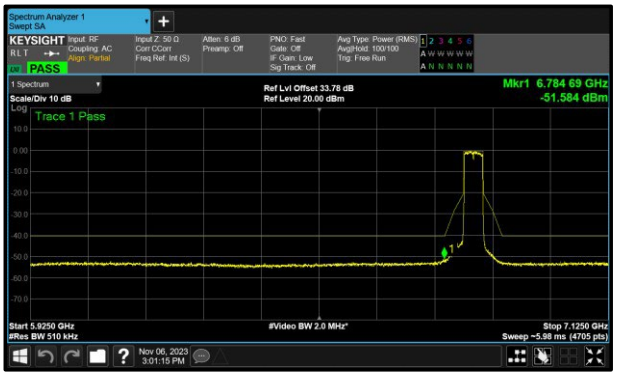

Figure 190 - A (Core 0) 802.11ax HE40 SU SP 6845 MHz (CH179)

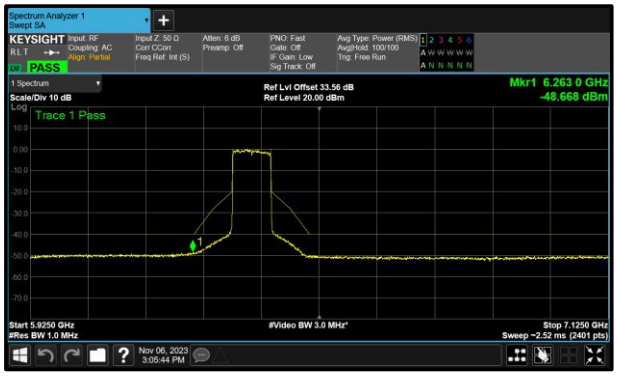

Figure 191 - A (Core 0) 802.11ax HE80 SU SP 6385 MHz (CH87)

Test Configuration			
Frequency Range:	5.925–6.875 GHz	Band:	U-NII-5, U-NII-7
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 SU SP	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
5955	11.99	12.38	-	-
6175	12.47	12.77	-	-
6415	12.57	12.93	-	-
6535	12.24	12.89	-	-
6695	12.45	13.15	-	-
6855	12.67	12.29	-	-

Table 556 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925–6.875 GHz	Band:	U-NII-5, U-NII-7
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE40 SU SP	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
5965	11.86	12.30	-	-
6165	12.48	12.53	-	-
6405	11.32	12.76	-	-
6565	11.73	12.26	-	-
6685	12.05	13.12	-	-
6845	11.08	11.78	-	-

Table 557 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925–6.875 GHz	Band:	U-NII-5,U-NII-7
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE80 SU SP	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	8.79	9.34	-	-
6145	9.06	9.37	-	-
6385	8.67	9.56	-	-
6625	8.80	9.04	-	-
6705	9.32	8.88	-	-
6785	9.31	9.39	-	-

Table 558 - 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 onehalf 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 4.6.2(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.

2.6.7 Test Location and Test Equipment Used

This test was carried out in RF Laboratory 14.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Meter & T/C	R.S Components	Meter 615-8206 & Type K T/C	3612	12	14-Sep-2024
1800-6000 MHz Power Splitter	Mini-Circuits	ZN2PD-63-S+	4055	-	O/P Mon
Power splitter - 2 port	Mini-Circuits	ZN2PD-63-S+	4743	12	30-Nov-2023
AC Programmable Power Supply	iTech	IT7324	5225	-	O/P Mon
Attenuator 5W 30dB DC-18GHz	Aaren	AT40A-4041-D18-30	5505	12	21-Feb-2024
MXA Signal Analyser	Keysight Technologies	N9020B	5529	24	13-Dec-2024
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	5765	-	O/P Mon
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	5766	-	O/P Mon
1500VA AC Power Supply	iTech	IT7324	5907	-	O/P Mon
MXA Signal Analyser	Keysight Technologies	N9020B	5919	24	13-Mar-2024
Cable (K Type 2m)	Junkosha	MWX241-02000KMSKMS/B	5933	12	05-Jun-2024
Digital Multimeter	Fluke	115	6145	12	15-Jun-2024
Humidity & Temperature meter	R.S Components	1364	6149	12	07-Jul-2024
Coaxial Fixed Attenuator DC-18GHz 5W 10dB	RF-Lambda	RFS5G18B10SMP	6176	12	19-Jul-2024
Cable (K Type 2m)	Junkosha	MWX241-02000KMSKMS/B	6323	12	04-Feb-2024
MXA Signal Analyser	Keysight Technologies	N9020B	6419	24	28-Feb-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6426	12	09-Apr-2024
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6517	12	24-May-2024
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6519	12	17-May-2024
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6520	12	10-Aug-2024
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6521	12	10-Aug-2024
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6526	12	12-Oct-2024
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6527	12	12-Oct-2024
AC Programmable Power Supply	iTech	IT7324	6665	-	O/P Mon

Table 559

O/P Mon – Output Monitored using calibrated equipment

2.7 Contention Based Protocol

2.7.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (d)(6)
ISED RSS-248, Clause 4.7

2.7.2 Equipment Under Test and Modification State

A3114, S/N: DX1XKC7N34 - Modification State 0

2.7.3 Date of Test

18-October-2023 to 20-October-2023

2.7.4 Test Method

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

The AWGN signal level was initially set at a level much less than the required threshold level (<< -62 dBm) it was verified at this point that transmissions from the device under test (DUT) were present. The signal level was gradually increased until it was observed that the DUT continuously ceased transmissions with the AWGN signal present, i.e., no partial transmissions other than short control signalling transmissions.

The AWGN Signal level recorded is the level in to the DUT's receiver, corrected for all cable losses. The minimum antenna gain value was then used to correct the level as described in KDB 987594 D04.

Timing plots showing verification that transmissions from the DUT responded to the interferer have been included in the test results below.

2.7.5 Test Setup Diagram

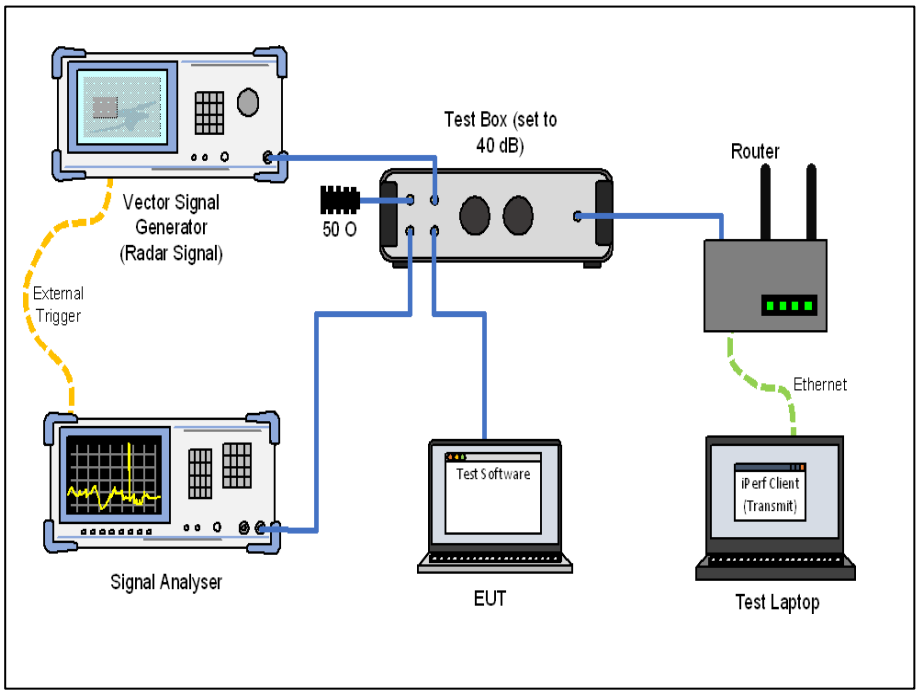

Figure 192 - Test Equipment Setup Diagram

2.7.6 Environmental Conditions

Ambient Temperature	23.9 - 25.3 °C
Relative Humidity	35.7 - 45.7 %

2.7.7 Test Results

6 GHz WLAN

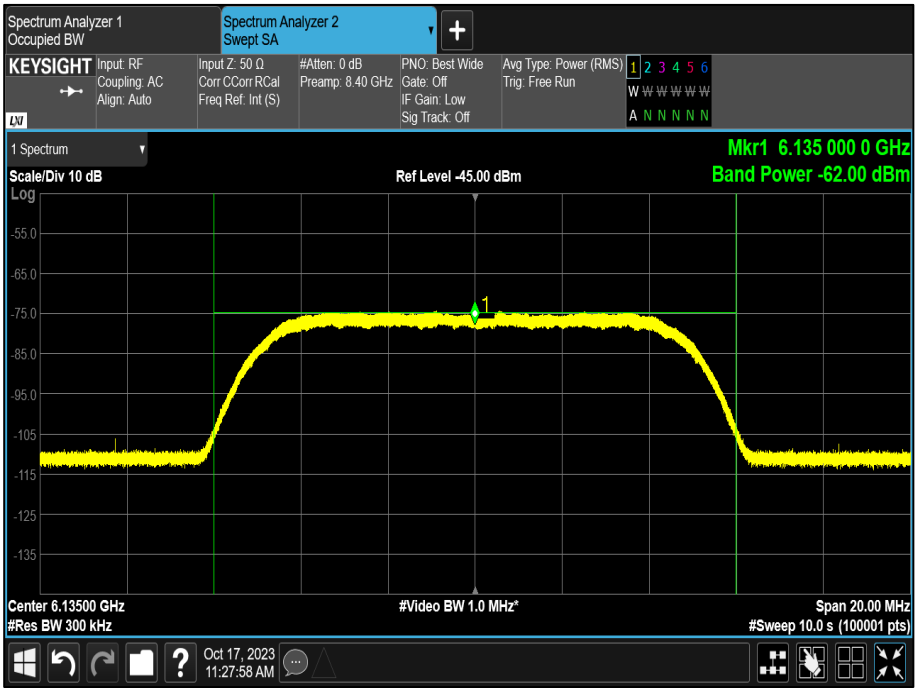

Figure 193 - Example of AWGN Signal

Parameter	Results		
U-NII Band	5	5	5
Channel Number	37	37	37
Bandwidth (MHz)	20	20	20
DUT Centre Frequency (MHz)	6135	6135	6135
AWGN Centre Frequency (MHz)	6135	6135	6135
AWGN Signal Power (dBm)	-68.00	-66.00	-65.63
Antenna Gain (dBi)	5.12	5.12	5.12
Adjusted Power (dBm)	-73.11	-71.12	-70.75
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 560 - U-NII-5, Minimum Bandwidth

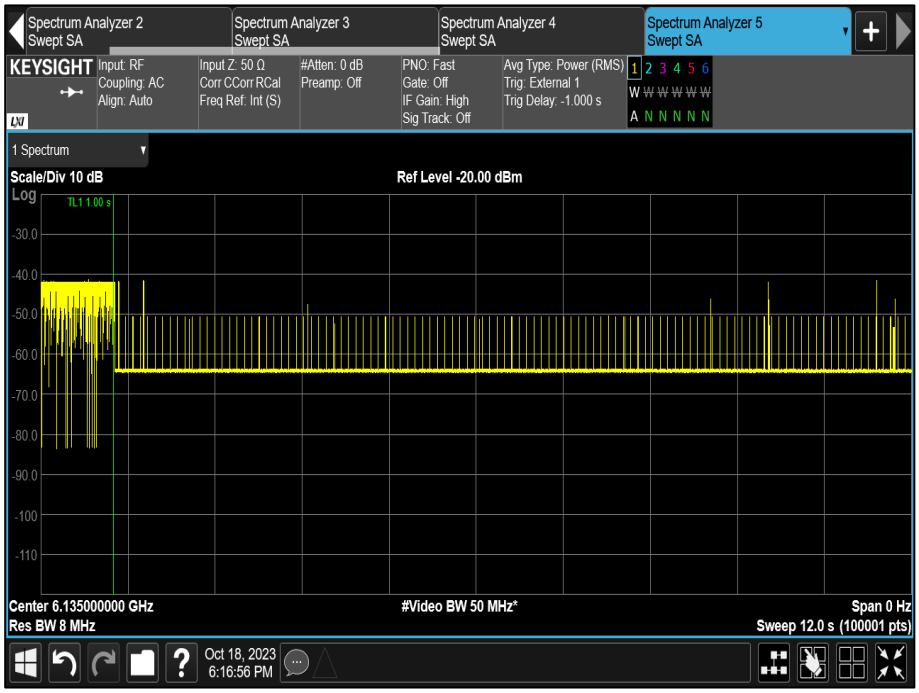

Figure 194 - U-NII-5, Minimum Bandwidth

Parameter	Results		
U-NII Band	5	5	5
Channel Number	47	47	47
Bandwidth (MHz)	160	160	160
DUT Centre Frequency (MHz)	6185	6185	6185
AWGN Centre Frequency (MHz)	6110	6110	6110
AWGN Signal Power (dBm)	-65.34	-60.97	-60.78
Antenna Gain (dBi)	5.12	5.12	5.12
Adjusted Power (dBm)	-70.46	-66.09	-65.90
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 561 - U-NII-5, Maximum Bandwidth (AWGN Low)

Figure 195 - U-NII-5, Minimum Bandwidth (AWGN Low)

Parameter	Results		
U-NII Band	5	5	5
Channel Number	47	47	47
Bandwidth (MHz)	160	160	160
DUT Centre Frequency (MHz)	6185	6185	6185
AWGN Centre Frequency (MHz)	6185	6185	6185
AWGN Signal Power (dBm)	-66.71	-62.98	-62.62
Antenna Gain (dBi)	5.12	5.12	5.12
Adjusted Power (dBm)	-71.83	-68.10	-67.74
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 562 - U-NII-5, Maximum Bandwidth (AWGN Mid)

Figure 196 - U-NII-5, Minimum Bandwidth (AWGN Mid)

Parameter	Results		
U-NII Band	5	5	5
Channel Number	47	47	47
Bandwidth (MHz)	160	160	160
DUT Centre Frequency (MHz)	6185	6185	6185
AWGN Centre Frequency (MHz)	6260	6260	6260
AWGN Signal Power (dBm)	-64.45	-61.15	-59.08
Antenna Gain (dBi)	5.12	5.12	5.12
Adjusted Power (dBm)	-69.57	-66.27	-64.20
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 563 - U-NII-5, Maximum Bandwidth (AWGN High)

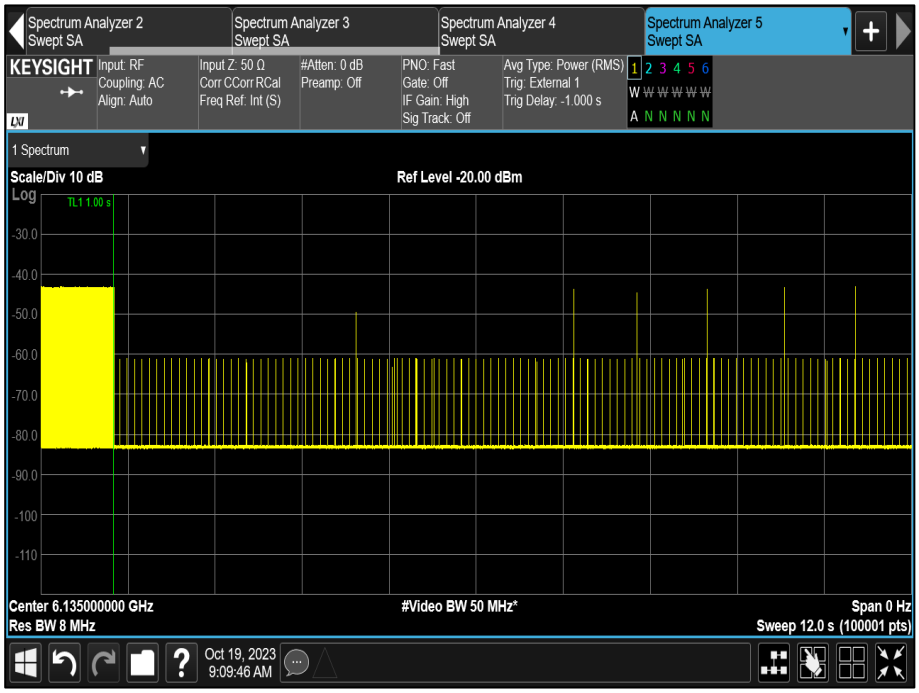

Figure 197 - U-NII-5, Minimum Bandwidth (AWGN High)

Parameter	Results		
U-NII Band	6	6	6
Channel Number	101	101	101
Bandwidth (MHz)	20	20	20
DUT Centre Frequency (MHz)	6455	6455	6455
AWGN Centre Frequency (MHz)	6455	6455	6455
AWGN Signal Power (dBm)	-67.85	-66.45	-66.05
Antenna Gain (dBi)	4.29	4.29	4.29
Adjusted Power (dBm)	-72.14	-70.74	-70.34
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 564 - U-NII-6, Minimum Bandwidth

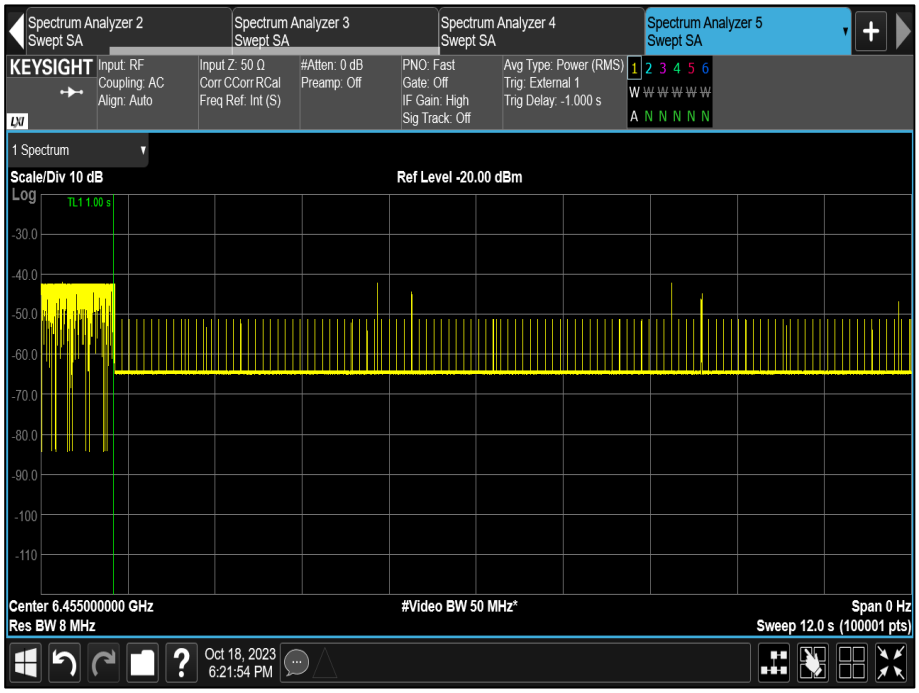

Figure 198 - U-NII-6, Minimum Bandwidth

Parameter	Results		
U-NII Band	6	6	6
Channel Number	111	111	111
Bandwidth (MHz)	160	160	160
DUT Centre Frequency (MHz)	6505	6505	6505
AWGN Centre Frequency (MHz)	6430	6430	6430
AWGN Signal Power (dBm)	-64.01	-61.70	-61.38
Antenna Gain (dBi)	4.29	4.29	4.29
Adjusted Power (dBm)	-68.30	-65.99	-65.67
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 565 - U-NII-6, Maximum Bandwidth (AWGN Low)

Figure 199 - U-NII-6, Minimum Bandwidth (AWGN Low)

Parameter	Results		
U-NII Band	6	6	6
Channel Number	111	111	111
Bandwidth (MHz)	160	160	160
DUT Centre Frequency (MHz)	6505	6505	6505
AWGN Centre Frequency (MHz)	6505	6505	6505
AWGN Signal Power (dBm)	-66.69	-62.65	-62.25
Antenna Gain (dBi)	4.29	4.29	4.29
Adjusted Power (dBm)	-70.98	-66.94	-66.54
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 566 - U-NII-6, Maximum Bandwidth (AWGN Mid)

Figure 200 - U-NII-6, Minimum Bandwidth (AWGN Mid)

Parameter	Results		
U-NII Band	6	6	6
Channel Number	111	111	111
Bandwidth (MHz)	160	160	160
DUT Centre Frequency (MHz)	6505	6505	6505
AWGN Centre Frequency (MHz)	6580	6580	6580
AWGN Signal Power (dBm)	-61.02	-60.55	-60.06
Antenna Gain (dBi)	4.29	4.29	4.29
Adjusted Power (dBm)	-65.31	-64.84	-64.35
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 567 - U-NII-6, Maximum Bandwidth (AWGN High)

Figure 201 - U-NII-6, Minimum Bandwidth (AWGN High)

Parameter	Results		
U-NII Band	7	7	7
Channel Number	133	133	133
Bandwidth (MHz)	20	20	20
DUT Centre Frequency (MHz)	6615	6615	6615
AWGN Centre Frequency (MHz)	6615	6615	6615
AWGN Signal Power (dBm)	-67.67	-65.85	-65.45
Antenna Gain (dBi)	4.79	4.79	4.79
Adjusted Power (dBm)	-72.46	-70.64	-70.24
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 568 - U-NII-7, Minimum Bandwidth

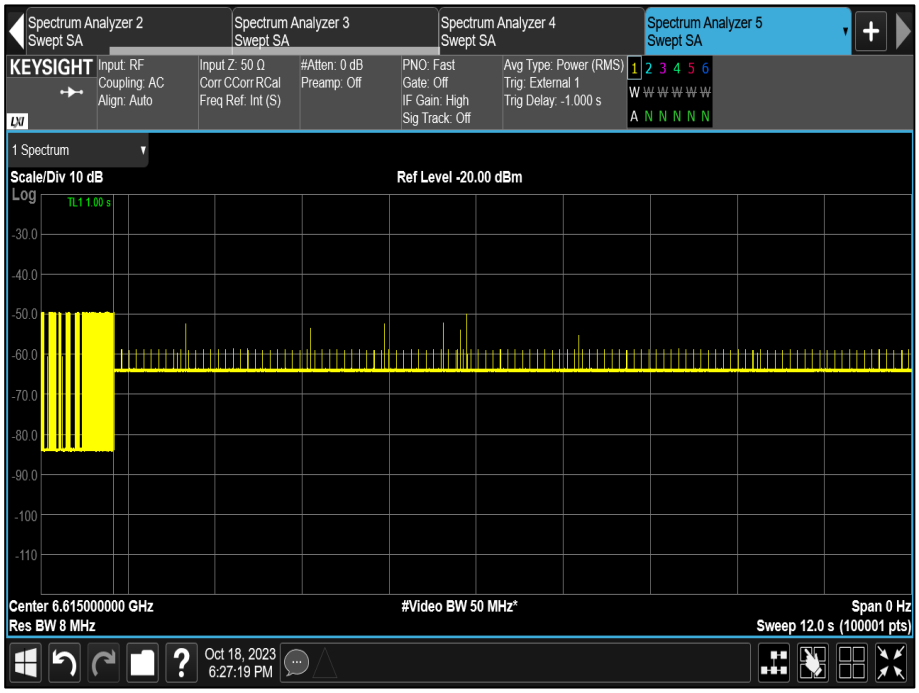

Figure 202 - U-NII-7, Minimum Bandwidth

Parameter	Results		
U-NII Band	7	7	7
Channel Number	143	143	143
Bandwidth (MHz)	160	160	160
DUT Centre Frequency (MHz)	6665	6665	6665
AWGN Centre Frequency (MHz)	6590	6590	6590
AWGN Signal Power (dBm)	-63.59	-61.37	-59.56
Antenna Gain (dBi)	4.79	4.79	4.79
Adjusted Power (dBm)	-68.38	-66.16	-64.35
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 569 - U-NII-7, Maximum Bandwidth (AWGN Low)

Figure 203 - U-NII-7, Minimum Bandwidth (AWGN Low)

Parameter	Results		
U-NII Band	7	7	7
Channel Number	143	143	143
Bandwidth (MHz)	160	160	160
DUT Centre Frequency (MHz)	6665	6665	6665
AWGN Centre Frequency (MHz)	6665	6665	6665
AWGN Signal Power (dBm)	-63.62	-61.83	-61.11
Antenna Gain (dBi)	4.79	4.79	4.79
Adjusted Power (dBm)	-68.41	-66.62	-65.90
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 570 - U-NII-7, Maximum Bandwidth (AWGN Mid)

Figure 204 - U-NII-7, Minimum Bandwidth (AWGN Mid)

Parameter	Results		
U-NII Band	7	7	7
Channel Number	143	143	143
Bandwidth (MHz)	160	160	160
DUT Centre Frequency (MHz)	6665	6665	6665
AWGN Centre Frequency (MHz)	6740	6740	6740
AWGN Signal Power (dBm)	-61.71	-60.90	-58.70
Antenna Gain (dBi)	4.79	4.79	4.79
Adjusted Power (dBm)	-66.50	-65.69	-63.49
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 571 - U-NII-7, Maximum Bandwidth (AWGN High)

Figure 205 - U-NII-7, Minimum Bandwidth (AWGN High)

Parameter	Results		
U-NII Band	8	8	8
Channel Number	197	197	197
Bandwidth (MHz)	20	20	20
DUT Centre Frequency (MHz)	6935	6935	6935
AWGN Centre Frequency (MHz)	6935	6935	6935
AWGN Signal Power (dBm)	-68.37	-66.58	-65.98
Antenna Gain (dBi)	5.33	5.33	5.33
Adjusted Power (dBm)	-73.70	-71.91	-71.31
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 572 - U-NII-8, Minimum Bandwidth

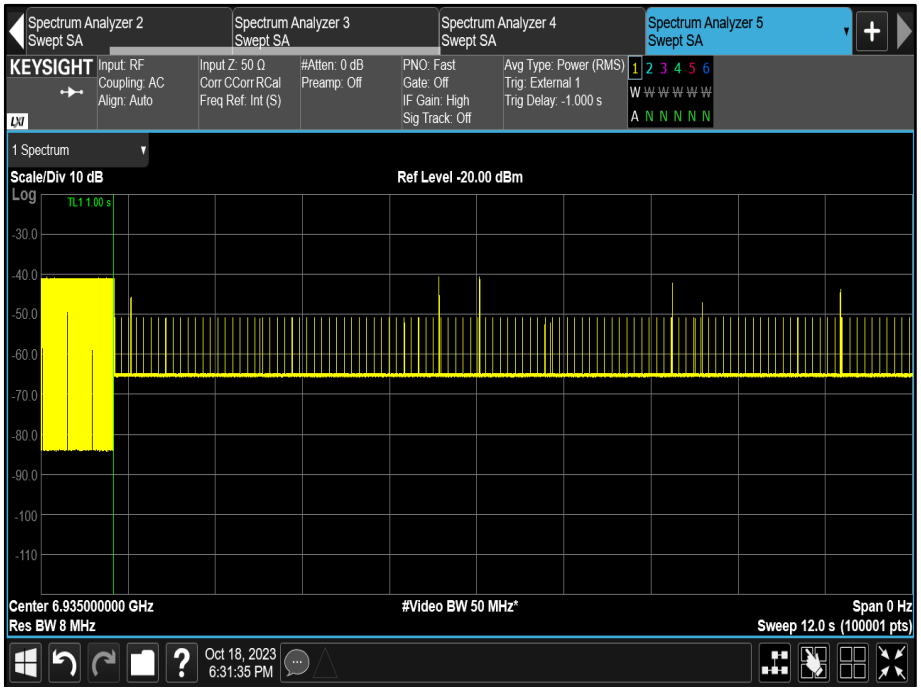

Figure 206 - U-NII-8, Minimum Bandwidth

Parameter	Results		
U-NII Band	8	8	8
Channel Number	207	207	207
Bandwidth (MHz)	160	160	160
DUT Centre Frequency (MHz)	6985	6985	6985
AWGN Centre Frequency (MHz)	6910	6910	6910
AWGN Signal Power (dBm)	-62.93	-59.88	-59.84
Antenna Gain (dBi)	5.33	5.33	5.33
Adjusted Power (dBm)	-68.26	-65.21	-65.17
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 573 - U-NII-8, Maximum Bandwidth (AWGN Low)

Figure 207 - U-NII-8, Minimum Bandwidth (AWGN Low)

Parameter	Results		
U-NII Band	8	8	8
Channel Number	207	207	207
Bandwidth (MHz)	160	160	160
DUT Centre Frequency (MHz)	6985	6985	6985
AWGN Centre Frequency (MHz)	6985	6985	6985
AWGN Signal Power (dBm)	-65.70	-64.65	-61.17
Antenna Gain (dBi)	5.33	5.33	5.33
Adjusted Power (dBm)	-71.03	-69.98	-66.50
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 574 - U-NII-8, Maximum Bandwidth (AWGN Mid)

Figure 208 - U-NII-8, Minimum Bandwidth (AWGN Mid)

Parameter	Results		
U-NII Band	8	8	8
Channel Number	207	207	207
Bandwidth (MHz)	160	160	160
DUT Centre Frequency (MHz)	6985	6985	6985
AWGN Centre Frequency (MHz)	7060	7060	7060
AWGN Signal Power (dBm)	-64.58	-59.09	-59.03
Antenna Gain (dBi)	5.33	5.33	5.33
Adjusted Power (dBm)	-69.91	-64.42	-64.36
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 575 - U-NII-8, Maximum Bandwidth (AWGN High)

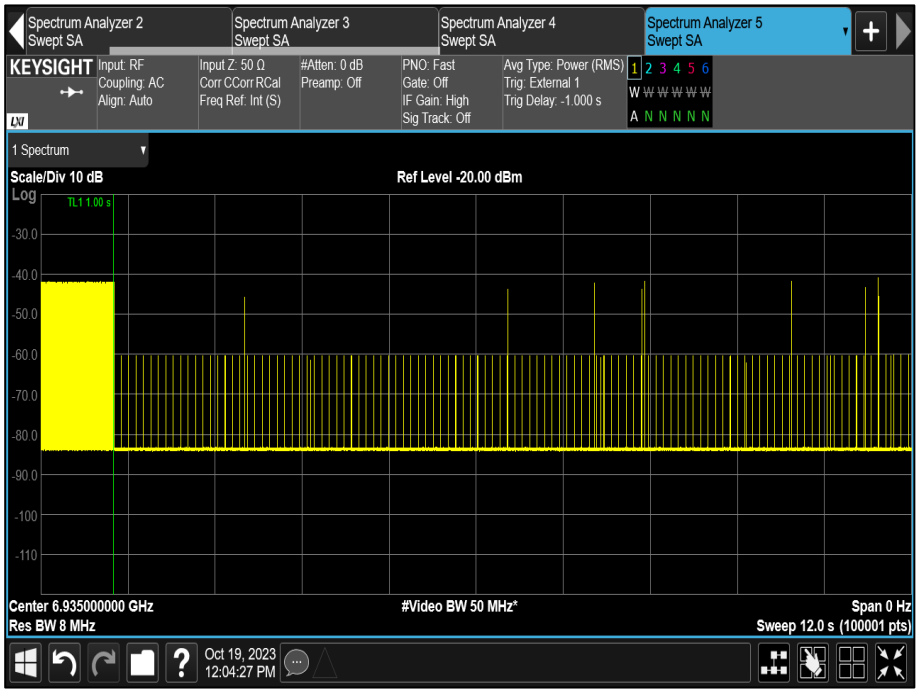

Figure 209 - U-NII-8, Minimum Bandwidth (AWGN High)

FCC 47 CFR Part 15.407 (d)(6)

Indoor access points, subordinate devices and client devices operating in the 5.925–7.125 GHz band must employ a contention-based protocol.

KDB 987594, Limit Clause I

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band (herein referred to as unlicensed devices) are required to use technologies that include a contention-based protocol to avoid co-channel interference with incumbent devices sharing the band. To ensure incumbent co-channel operations are detected in a technology-agnostic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission.

Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel (in which incumbent signal is transmitted) and stay off the incumbent channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain.

To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel. For example, an 802.11 device that plans to transmit a 40 MHz- wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater certainty.

ISED RSS-248, Limit Clause 4.7.2

The minimum detection threshold power is the received power referenced to a 0 dBi antenna. Devices shall use a contention-based protocol to detect the presence of any emissions on the channel that the device intends to occupy. The device shall be able to detect, within its entire occupied bandwidth, a radio frequency power of at least -62 dBm or lower.

If an emission is detected on a channel, the device shall cease transmissions and shall not resume transmissions on this channel while the detected radio frequency power is at or above the -62 dBm threshold.

2.7.8 Test Location and Test Equipment Used

This test was carried out in Shielded Laboratory 1.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Cable (18 GHz)	Rosenberger	LU7-071-1000	5103	12	18-Dec-2023
3.5 mm 2m Cable	Junkosha	MWX221-02000DMS	5427	12	21-May-2024
Vector Signal Generator	Rohde & Schwarz	SMM100A	5915	36	01-Mar-2026
WiFi 6E Tri-Band Gaming Router	Asus	GT-AXE110000	5926	-	TU
Cable (K Type 2m)	Junkosha	MWX241-02000KMSKMS/B	5938	12	21-May-2024
Cable (SMA to SMA 1m)	Junkosha	MWX221/B	6305	12	04-Feb-2024
MXA Signal Analyzer	Keysight Technologies	N9020B	6415	24	22-Mar-2025
Test Coupling Network	TUV SUD	TUV_RxTest_001	6441	12	24-Apr-2024

Table 576

TU - Traceability Unscheduled

3 Measurement Uncertainty

For a 95% confidence level, the measurement uncertainties for defined systems are:

Test Name	Measurement Uncertainty
Emission Bandwidth	± 3.9 MHz
Maximum Conducted Output Power	± 1.38 dB
Maximum Conducted Power Spectral Density	± 1.49 dB
Authorised Band Edges	± 6.3 dB
Spurious Radiated Emissions	30 MHz to 1 GHz: ± 5.2 dB 1 GHz to 40 GHz: ± 6.3 dB
Unwanted Emissions within the 5925-7125 MHz band	± 3.45 dB
Contention Based Protocol	Time: 0.30% Interferer BW: 267.98 kHz Interferer Level: 0.80 dB

Table 577

Measurement Uncertainty Decision Rule – Accuracy Method

Determination of conformity with the specification limits is based on the decision rule according to IEC Guide 115:2021, Clause 4.4.3 (Procedure 2). The measurement results are directly compared with the test limit to determine conformance with the requirements of the standard.

Risk: The uncertainty of measurement about the measured result is negligible with regard to the final pass/fail decision. The measurement result can be directly compared with the test limit to determine conformance with the requirement (compare IEC Guide 115). The level of risk to falsely accept and falsely reject items is further described in ILAC-G8.