Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU VLP	14.74	6248.600
802.11ax HE40 SU VLP	9.45	6818.370
802.11ax HE80 SU VLP	8.45	6191.000
802.11ax HE160 SU VLP	7.50	6398.000

Table 389 - Unwanted Emissions Within the RLAN Band Summary Results

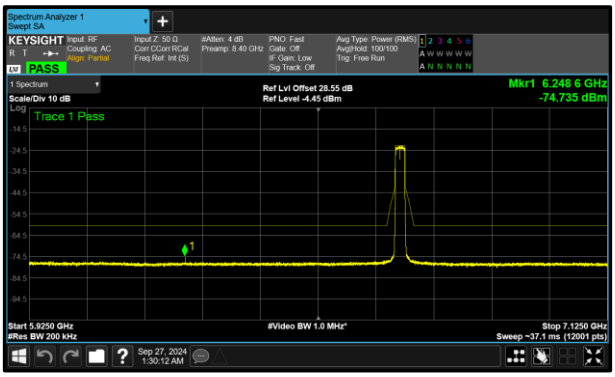

Figure 334 - B (Core 1) 802.11ax HE20 SU VLP 6695 MHz (CH149)

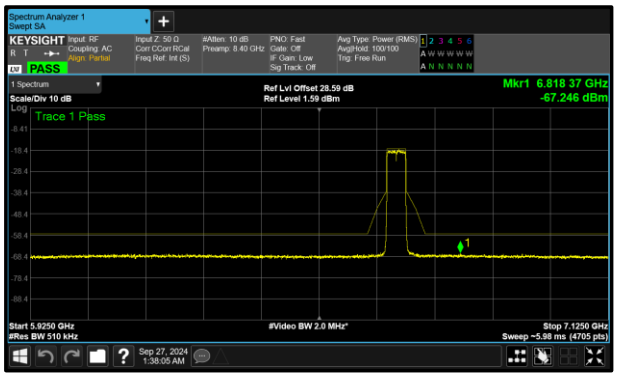

Figure 335 - B (Core 1) 802.11ax HE40 SU VLP 6685 MHz (CH147)

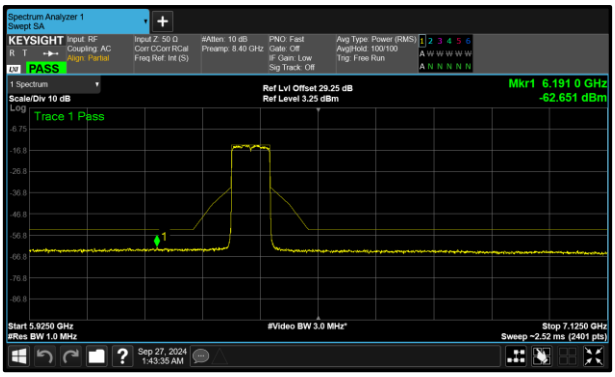

Figure 336 - A (Core 0) 802.11ax HE80 SU VLP 6385 MHz (CH87)

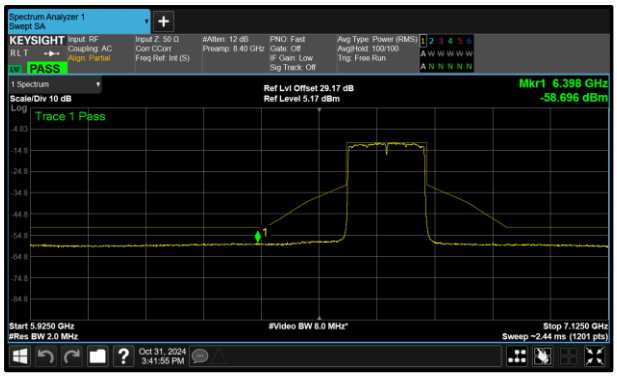

Figure 337 – B (Core 1) 802.11ax HE160 SU VLP 6665 MHz (CH143)

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(b)(7)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 SU VLP	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	16.10	16.28	-	-
6335	16.24	16.45	-	-
6415	15.48	15.98	-	-
6535	15.73	15.93	-	-
6695	15.97	14.74	-	-
6855	15.24	15.62	-	-

Table 390 - Unwanted Emissions Within the Band 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(b)(7)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE40 SU VLP	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
6125	10.37	10.62	-	-
6245	9.83	11.31	-	-
6405	10.43	10.57	-	-
6565	9.82	10.50	-	-
6685	11.17	9.45	-	-
6845	11.65	10.98	-	-

Table 391 - Unwanted Emissions Within the Band 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(b)(7)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE80 SU VLP	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
6145	8.82	9.61	-	-
6225	8.77	10.49	-	-
6385	8.45	9.66	-	-
6625	9.09	9.12	-	-
6705	9.73	9.82	-	-
6785	9.93	9.05	-	-

Table 392 - Unwanted Emissions Within the Band 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(b)(7)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE160 SU VLP	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
6185	7.89	8.02	-	-
6345	7.61	7.71	-	-
6665	7.95	7.50	-	-

Table 393 - Unwanted Emissions Within the Band Results

MIMO SDM

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU LPI	15.93	6887.800
802.11ax HE40 SU LPI	9.13	5990.306
802.11ax HE80 SU LPI	8.17	6304.500
802.11ax HE160 SU LPI	7.09	5945.000

Table 394 - Unwanted Emissions Within the RLAN Band Summary Results

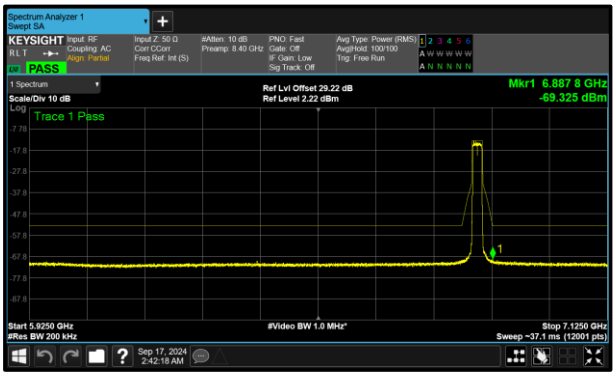

Figure 338 - B (Core 1) 802.11ax HE20 SU LPI 6855 MHz (CH181)

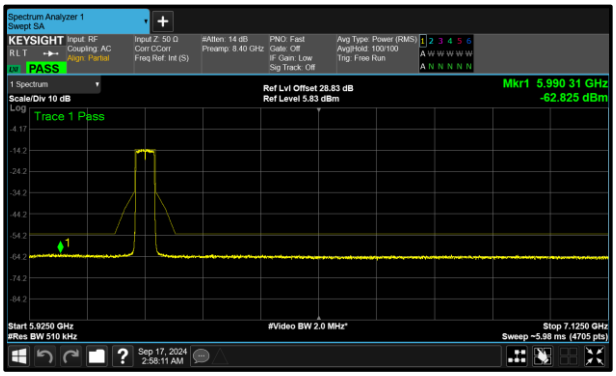

Figure 339 - A (Core 0) 802.11ax HE40 SU LPI 6165 MHz (CH43)

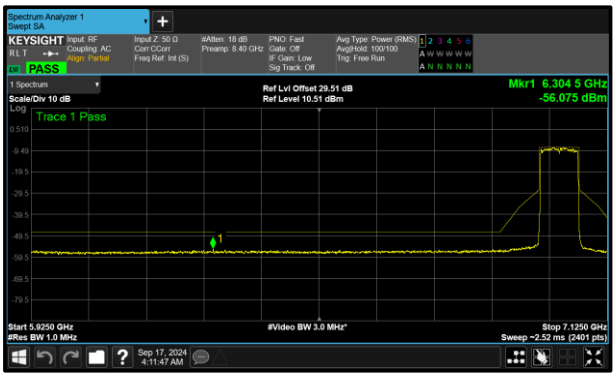

Figure 340 - B (Core 1) 802.11ax HE80 SU LPI 7025 MHz (CH215)

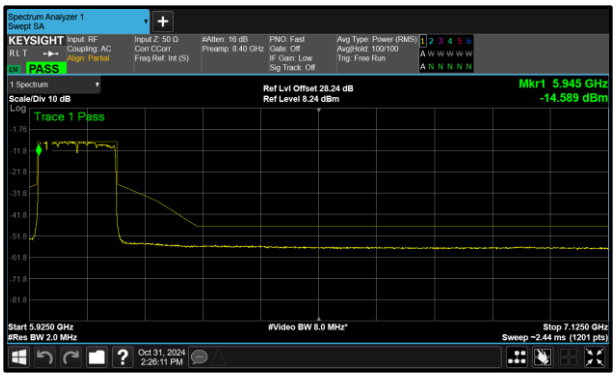

Figure 341 – B (Core 1) 802.11ax HE160 SU LPI 6025 MHz (CH15)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 LPI	9.34	6642.000
802.11ax HE20 RU26 LPI	15.05	6424.200
802.11ax HE20 RU52 LPI	10.30	6632.800

Table 395 - Unwanted Emissions Within the RLAN Band Summary Results

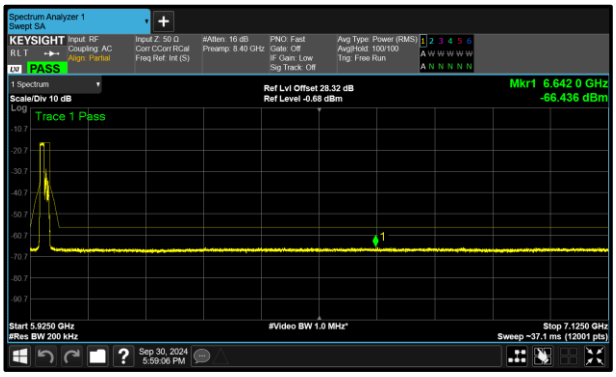

Figure 342 - A (Core 0) 802.11ax HE20 RU106 LPI 5955 MHz (CH1)

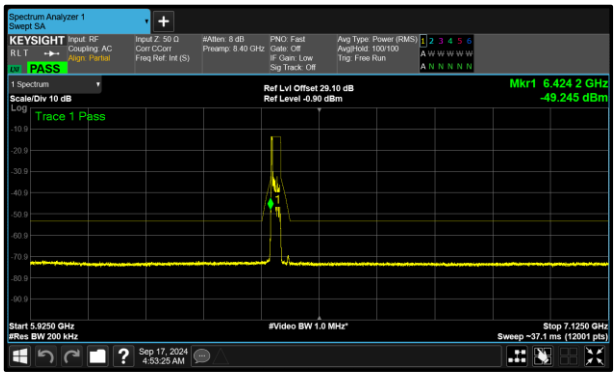

Figure 343 - B (Core 1) 802.11ax HE20 RU26 LPI 6435 MHz (CH97)

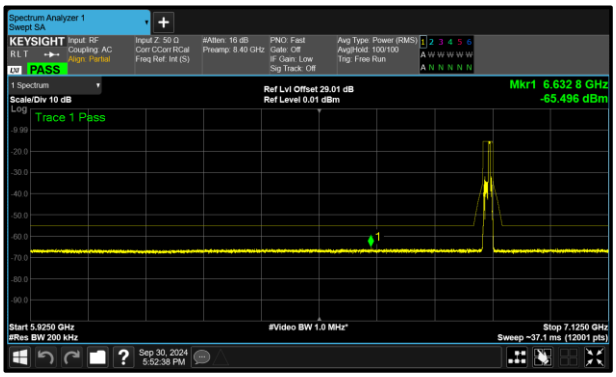

Figure 344 - B (Core 1) 802.11ax HE20 RU52 LPI 6875 MHz (CH185)

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(b)(7) RSS-248 4.6.2	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	18.02	18.33	-	-
6175	16.61	16.49	-	-
6415	17.45	17.05	-	-
6435	17.13	17.54	-	-
6475	16.66	17.42	-	-
6515	17.41	17.71	-	-
6535	16.49	17.69	-	-
6695	17.10	17.54	-	-
6855	17.27	15.93	-	-
6875	17.01	18.34	-	-
6895	16.87	16.91	-	-
6995	16.71	16.80	-	-
7095	16.42	16.96	-	-

Table 396 - Unwanted Emissions Within the Band 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(b)(7) RSS-248 4.6.2	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	10.76	11.43	-	-
6165	9.13	9.30	-	-
6405	10.34	10.39	-	-
6445	9.96	10.26	-	-
6485	10.15	10.87	-	-
6525	10.13	9.25	-	-
6565	9.22	10.59	-	-
6685	10.22	11.41	-	-
6845	11.77	10.39	-	-
6885	11.19	12.27	-	-
6925	11.43	11.88	-	-
7005	10.65	10.04	-	-
7085	10.53	11.97	-	-

Table 397 - Unwanted Emissions Within the Band 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(b)(7) RSS-248 4.6.2	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	10.49	11.02	-	-
6145	9.53	10.69	-	-
6385	10.18	10.60	-	-
6465	9.79	10.42	-	-
6545	9.86	10.39	-	-
6625	8.76	8.65	-	-
6705	10.02	10.79	-	-
6785	9.46	10.12	-	-
6865	9.23	10.10	-	-
6945	9.30	10.20	-	-
7025	10.47	8.17	-	-

Table 398 - Unwanted Emissions Within the Band 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(b)(7) RSS-248 4.6.2	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	8.02	7.09	-	-
6185	7.98	8.59	-	-
6345	7.51	7.94	-	-
6505	8.15	8.40	-	-
6665	8.39	8.56	-	-
6825	8.22	7.49	-	-
6985	7.80	7.58	-	-

Table 399 - Unwanted Emissions Within the Band 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(b)(7) RSS-248 4.6.2	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
5955 (RU26.0)	19.00	18.76	-	-
6175 (RU26.0)	18.59	17.83	-	-
6415 (RU26.8)	19.32	17.58	-	-
6435 (RU26.0)	18.33	15.05	-	-
6475 (RU26.0)	19.26	16.74	-	-
6515 (RU26.8)	19.17	17.49	-	-
6535 (RU26.0)	18.63	17.52	-	-
6695 (RU26.0)	18.45	17.78	-	-
6855 (RU26.8)	18.85	17.03	-	-
6875 (RU26.3)	20.71	19.09	-	-
6875 (RU26.5)	20.08	20.41	-	-
6895 (RU26.0)	18.79	17.20	-	-
6995 (RU26.0)	19.84	17.65	-	-
7095 (RU26.8)	18.89	17.12	-	-

Table 400 - Unwanted Emissions Within the Band 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(b)(7) RSS-248 4.6.2	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)	18.45	17.27	-	-
6175 (RU52.37)	18.25	17.39	-	-
6415 (RU52.40)	12.61	13.32	-	-
6435 (RU52.37)	13.27	13.72	-	-
6475 (RU52.37)	11.30	11.30	-	-
6515 (RU52.40)	12.22	11.69	-	-
6535 (RU52.37)	11.70	11.56	-	-
6695 (RU52.37)	12.08	11.58	-	-
6855 (RU52.40)	11.74	11.27	-	-
6875 (RU52.38)	11.32	10.62	-	-
6875 (RU52.39)	10.55	10.30	-	-
6895 (RU52.37)	10.93	11.17	-	-
6995 (RU52.37)	11.31	11.06	-	-
7095 (RU52.40)	11.32	11.50	-	-

Table 401 - Unwanted Emissions Within the Band 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(b)(7) RSS-248 4.6.2	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)	9.34	9.68	-	-
6175 (RU106.53)	9.76	10.45	-	-
6415 (RU106.54)	11.68	11.51	-	-
6435 (RU106.53)	11.81	11.47	-	-
6475 (RU106.53)	11.51	11.33	-	-
6515 (RU106.54)	11.90	11.95	-	-
6535 (RU106.53)	11.60	11.75	-	-
6695 (RU106.53)	11.64	11.04	-	-
6855 (RU106.54)	11.29	11.05	-	-
6875 (RU106.53)	10.93	10.61	-	-
6875 (RU106.54)	11.21	10.99	-	-
6895 (RU106.53)	11.22	11.13	-	-
6995 (RU106.53)	11.08	11.19	-	-
7095 (RU106.54)	11.73	11.52	-	-

Table 402 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU SP	7.04	6872.800
802.11ax HE40 SU SP	5.77	6202.300
802.11ax HE80 SU SP	4.18	6240.000
802.11ax HE160 SU SP	3.28	5928.000

Table 403 - Unwanted Emissions Within the RLAN Band Summary Results

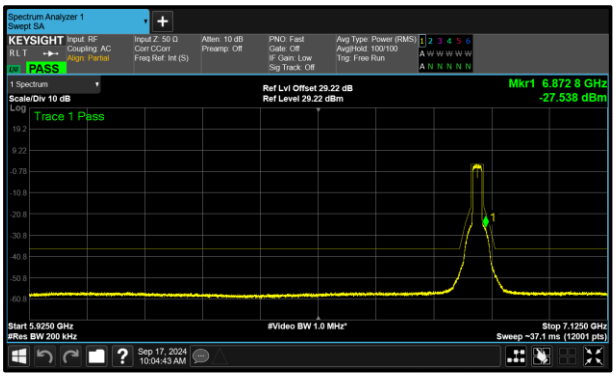

Figure 345 - B (Core 1) 802.11ax HE20 SU SP 6855 MHz (CH181)

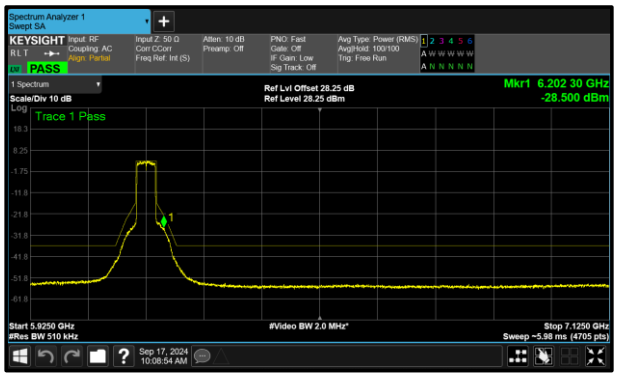

Figure 346 - B (Core 1) 802.11ax HE40 SU SP 6165 MHz (CH43)

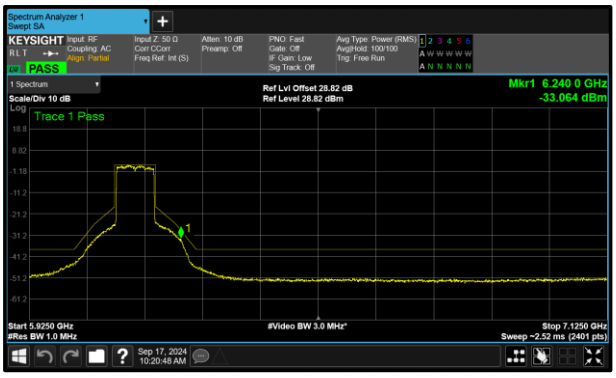

Figure 347 - A (Core 0) 802.11ax HE80 SU SP 6145 MHz (CH39)

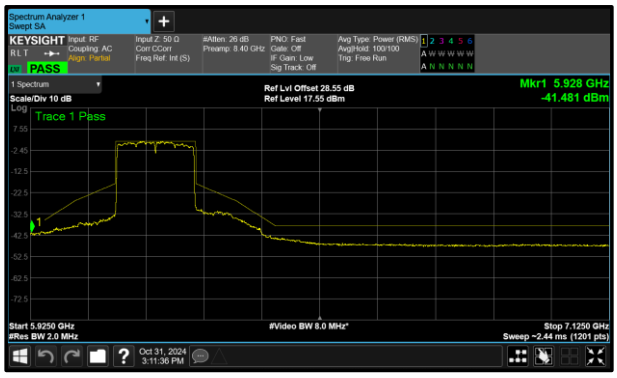

Figure 348 – B (Core 1) 802.11ax HE160 SU SP 6185 MHz (CH47)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 SP	10.08	6523.600
802.11ax HE20 RU26 SP	16.33	6464.100
802.11ax HE20 RU52 SP	16.92	6524.000

Table 404 - Unwanted Emissions Within the RLAN Band Summary Results

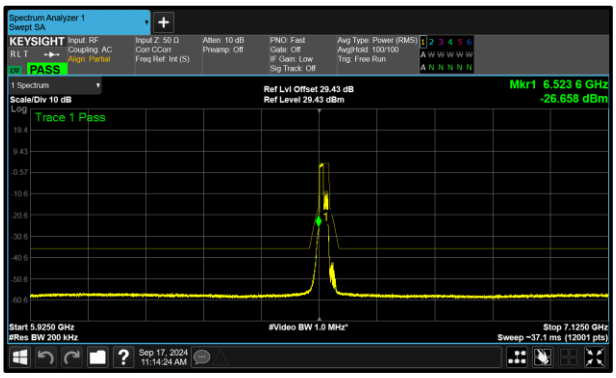

Figure 349 - A (Core 0) 802.11ax HE20 RU106 SP 6535 MHz (CH117)

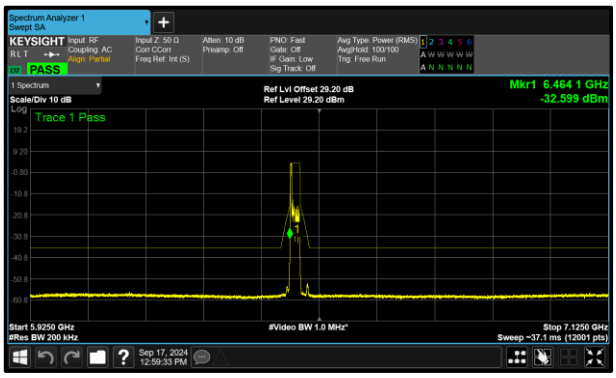

Figure 350 - B (Core 1) 802.11ax HE20 RU26 SP 6475 MHz (CH105)

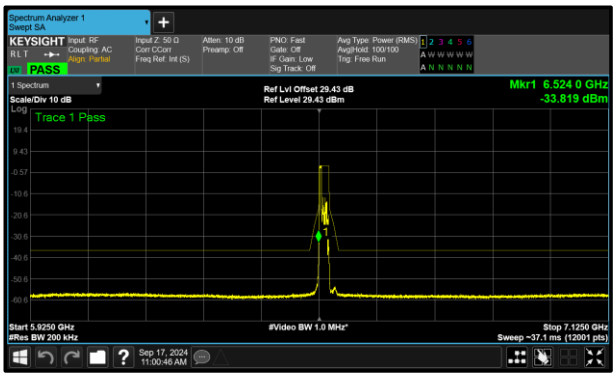

Figure 351 - A (Core 0) 802.11ax HE20 RU52 SP 6535 MHz (CH117)

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	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	12.88	12.92	-	-
6175	8.70	9.79	-	-
6415	8.20	7.29	-	-
6435	8.82	8.03	-	-
6475	9.79	10.01	-	-
6515	7.28	7.41	-	-
6535	8.40	9.41	-	-
6695	9.09	8.75	-	-
6855	8.58	7.04	-	-

Table 405 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	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	7.19	6.32	-	-
6165	7.12	5.77	-	-
6405	9.12	8.47	-	-
6445	7.60	8.22	-	-
6485	9.07	6.55	-	-
6525	6.87	9.13	-	-
6565	7.84	6.60	-	-
6685	8.30	9.08	-	-
6845	6.69	6.52	-	-

Table 406 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	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	4.98	6.57	-	-
6145	4.18	7.45	-	-
6385	7.68	7.04	-	-
6465	6.43	7.42	-	-
6545	7.40	7.81	-	-
6625	8.20	7.20	-	-
6705	7.26	8.00	-	-
6785	6.39	7.33	-	-

Table 407 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	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	5.93	6.19	-	-
6185	3.61	3.28	-	-
6345	3.84	3.96	-	-
6505	4.86	4.68	-	-
6665	5.07	4.99	-	-

Table 408 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	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)	18.27	18.24	-	-
6175 (RU26.0)	18.04	16.33	-	-
6415 (RU26.8)	19.29	16.55	-	-
6435 (RU26.0)	18.88	17.05	-	-
6475 (RU26.0)	19.09	16.20	-	-
6515 (RU26.8)	19.77	17.41	-	-
6535 (RU26.0)	17.87	17.96	-	-
6695 (RU26.0)	17.31	17.57	-	-
6855 (RU26.8)	18.68	17.41	-	-

Table 409 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	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)	18.96	19.53	-	-
6175 (RU52.37)	17.71	17.68	-	-
6415 (RU52.40)	20.56	17.40	-	-
6435 (RU52.37)	18.47	17.07	-	-
6475 (RU52.37)	17.82	17.19	-	-
6515 (RU52.40)	18.94	17.39	-	-
6535 (RU52.37)	16.92	18.46	-	-
6695 (RU52.37)	20.15	17.47	-	-
6855 (RU52.40)	19.64	18.00	-	-

Table 410 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	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)	18.51	17.13	-	-
6175 (RU106.53)	18.02	18.21	-	-
6415 (RU106.54)	12.47	12.56	-	-
6435 (RU106.53)	12.21	11.21	-	-
6475 (RU106.53)	10.82	11.19	-	-
6515 (RU106.54)	13.17	11.05	-	-
6535 (RU106.53)	10.08	12.31	-	-
6695 (RU106.53)	11.77	10.49	-	-
6855 (RU106.54)	14.70	13.36	-	-

Table 411 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU VLP	15.21	6844.000
802.11ax HE40 SU VLP	8.46	6354.590
802.11ax HE80 SU VLP	8.57	6666.000
802.11ax HE160 SU VLP	7.64	6585.000

Table 412 - Unwanted Emissions Within the RLAN Band Summary Results

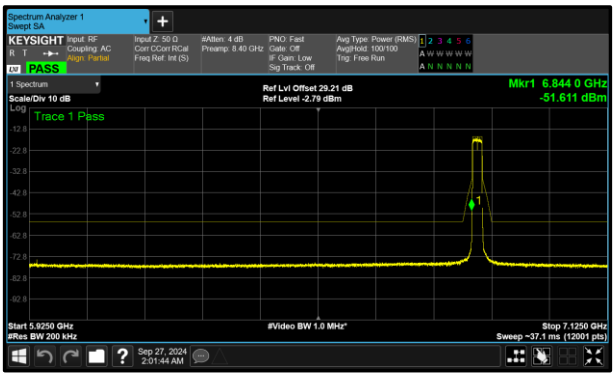

Figure 352 - A (Core 0) 802.11ax HE20 SU VLP 6855 MHz (CH181)

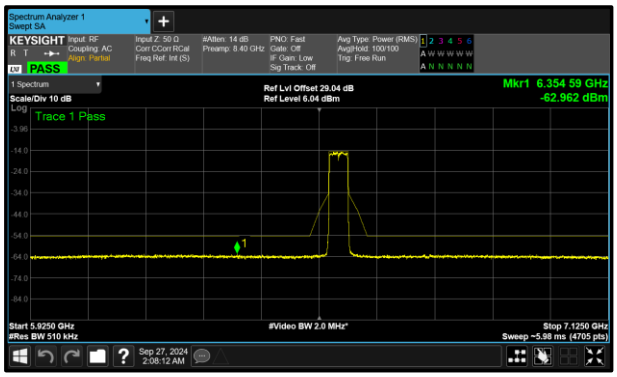

Figure 353 - B (Core 1) 802.11ax HE40 SU VLP 6565 MHz (CH123)

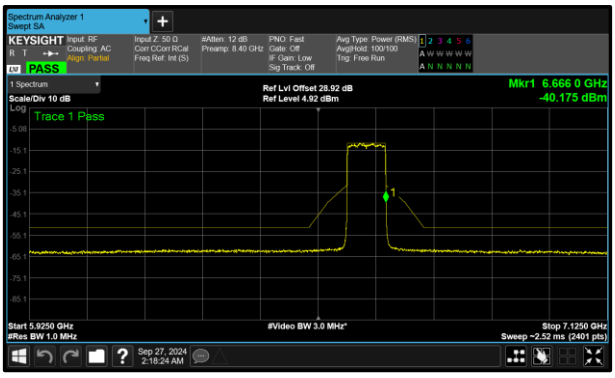

Figure 354 - B (Core 1) 802.11ax HE80 SU VLP 6625 MHz (CH135)

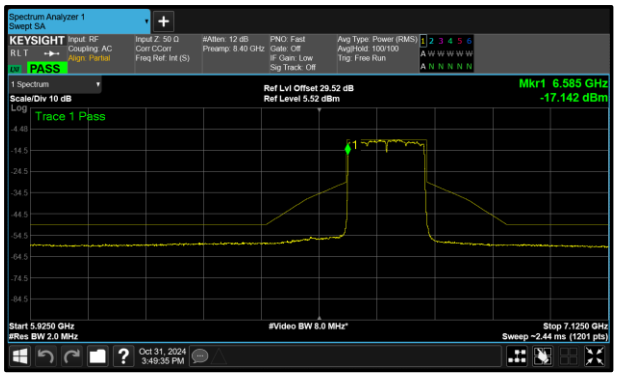

Figure 355 – A (Core 0) 802.11ax HE160 SU VLP 6665 MHz (CH143)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 VLP	7.63	6510.600

Table 413 - Unwanted Emissions Within the RLAN Band Summary Results

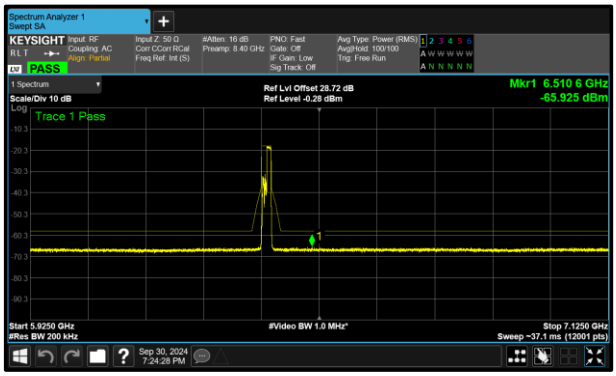

Figure 356 - B (Core 1) 802.11ax HE20 RU106 VLP 6415 MHz (CH93)

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(b)(7)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 SU VLP	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
6115	16.03	16.10	-	-
6255	15.70	15.67	-	-
6415	16.60	16.48	-	-
6535	16.91	16.61	-	-
6695	16.43	15.83	-	-
6855	15.21	16.48	-	-

Table 414 - Unwanted Emissions Within the Band 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(b)(7)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE40 SU VLP	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

ResTest Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6125	10.89	9.64	-	-
6245	10.41	10.67	-	-
6405	9.99	10.47	-	-
6565	10.08	8.46	-	-
6725	10.73	10.98	-	-
6845	10.94	11.09	-	-

Table 415 - Unwanted Emissions Within the Band 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(b)(7)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE80 SU VLP	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
6145	9.03	9.89	-	-
6225	8.72	9.52	-	-
6385	10.08	9.16	-	-
6625	9.68	8.57	-	-
6705	9.13	9.02	-	-
6785	10.04	10.37	-	-

Table 416 - Unwanted Emissions Within the Band 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(b)(7)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE160 SU VLP	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
6185	8.65	7.77	-	-
6345	8.14	7.82	-	-
6665	7.64	8.68	-	-

Table 417 - Unwanted Emissions Within the Band 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(b)(7)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU106 VLP	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 (RU106.53)	17.04	17.58	-	-
6335 (RU106.53)	17.00	17.77	-	-
6415 (RU106.54)	8.03	7.63	-	-
6535 (RU106.53)	7.90	7.96	-	-
6695 (RU106.53)	8.39	16.19	-	-
6855 (RU106.54)	7.74	7.63	-	-

Table 418 - Unwanted Emissions Within the Band Results

TxBF

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU LPI	13.05	6352.300
802.11ax HE40 SU LPI	9.08	5956.888
802.11ax HE80 SU LPI	9.25	6318.500

Table 419 - Unwanted Emissions Within the RLAN Band Summary Results

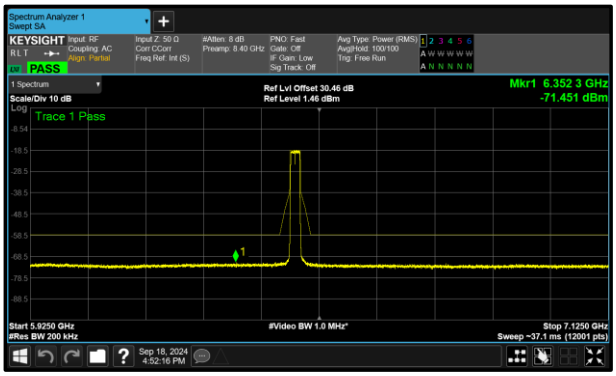

Figure 357 - A (Core 0) 802.11ax HE20 SU LPI 6475 MHz (CH105)

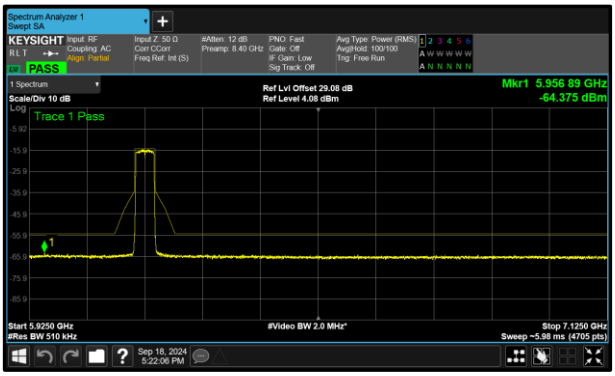

Figure 358 - B (Core 1) 802.11ax HE40 SU LPI 6165 MHz (CH43)

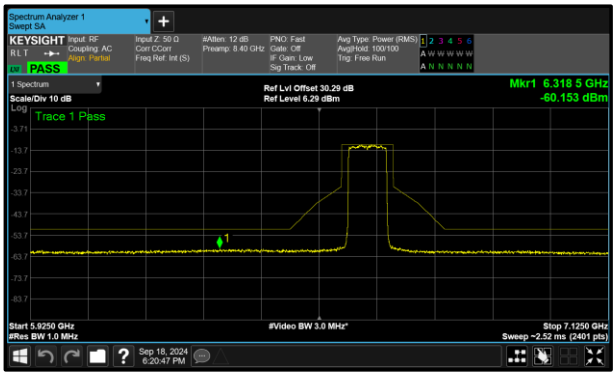

Figure 359 - A (Core 0) 802.11ax HE80 SU LPI 6625 MHz (CH135)

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 (b)(7) RSS-248 4.6.2	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:	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
6275	13.45	14.53	-	-
6335	13.83	14.23	-	-
6415	13.87	13.73	-	-
6435	13.72	14.27	-	-
6475	13.05	13.94	-	-
6515	13.78	14.10	-	-
6535	13.55	14.35	-	-
6695	13.58	13.29	-	-
6855	13.79	13.82	-	-
6875	13.63	13.60	-	-
6895	13.27	13.22	-	-
6995	13.81	13.69	-	-
7095	13.86	13.09	-	-

Table 420 - Unwanted Emissions Within the Band 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 (b)(7) RSS-248 4.6.2	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:	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	10.48	12.19	-	-
6165	11.06	9.08	-	-
6405	9.66	10.18	-	-
6445	9.87	10.35	-	-
6485	9.93	10.76	-	-
6525	10.03	10.37	-	-
6565	9.71	10.65	-	-
6685	9.91	10.73	-	-
6845	10.78	11.44	-	-
6885	10.67	11.44	-	-
6925	11.08	11.64	-	-
7005	10.77	12.10	-	-
7085	10.58	11.61	-	-

Table 421 - Unwanted Emissions Within the Band 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 (b)(7) RSS-248 4.6.2	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	10.51	10.11	-	-
6145	9.53	10.15	-	-
6385	9.45	9.62	-	-
6465	9.47	10.09	-	-
6545	9.43	10.21	-	-
6625	9.25	9.87	-	-
6705	10.10	10.42	-	-
6785	9.76	10.32	-	-
6865	10.52	9.32	-	-
6945	10.65	9.31	-	-
7025	10.10	10.37	-	-

Table 422 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU SP	9.90	6442.500
802.11ax HE40 SU SP	7.65	6522.704
802.11ax HE80 SU SP	4.93	6863.000

Table 423 - Unwanted Emissions Within the RLAN Band Summary Results

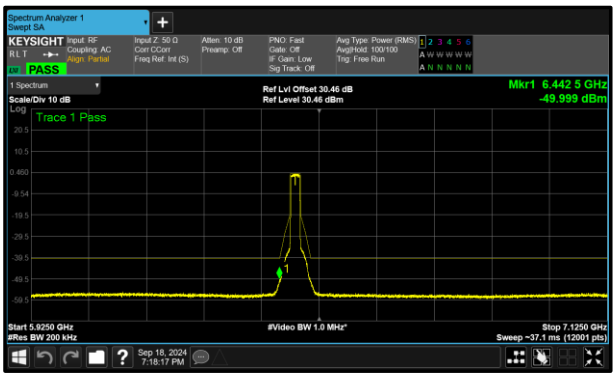

Figure 360 - A (Core 0) 802.11ax HE20 SU SP 6475 MHz (CH105)

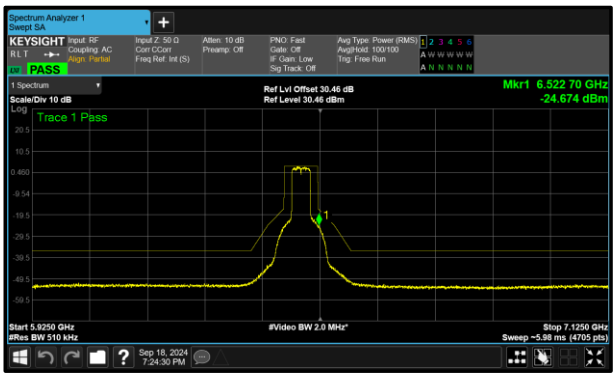

Figure 361 - A (Core 0) 802.11ax HE40 SU SP 6485 MHz (CH107)

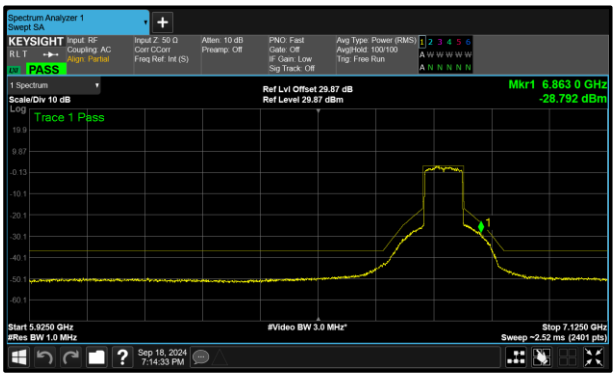

Figure 362 - B (Core 1) 802.11ax HE80 SU SP 6785 MHz (CH167)

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407 (b)(7) RSS-248 4.6.2	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	13.74	14.40	-	-
6175	14.09	14.26	-	-
6415	11.03	11.66	-	-
6435	10.17	10.67	-	-
6475	9.90	10.63	-	-
6515	11.16	11.63	-	-
6535	10.83	10.76	-	-
6695	12.22	12.85	-	-
6855	11.01	11.54	-	-

Table 424 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407 (b)(7) RSS-248 4.6.2	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	12.27	13.27	-	-
6165	11.12	11.85	-	-
6405	9.09	8.75	-	-
6445	9.21	8.25	-	-
6485	7.65	9.42	-	-
6525	8.62	9.37	-	-
6565	8.10	9.63	-	-
6685	8.25	10.04	-	-
6845	8.29	9.72	-	-

Table 425 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407 (b)(7) RSS-248 4.6.2	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	9.56	10.41	-	-
6145	7.96	7.60	-	-
6385	7.94	7.11	-	-
6465	8.17	7.11	-	-
6545	7.44	5.89	-	-
6625	6.43	7.57	-	-
6705	6.90	6.89	-	-
6785	7.23	4.93	-	-

Table 426 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE80 SU VLP	7.63	6875.000

Table 427 - Unwanted Emissions Within the RLAN Band Summary Results

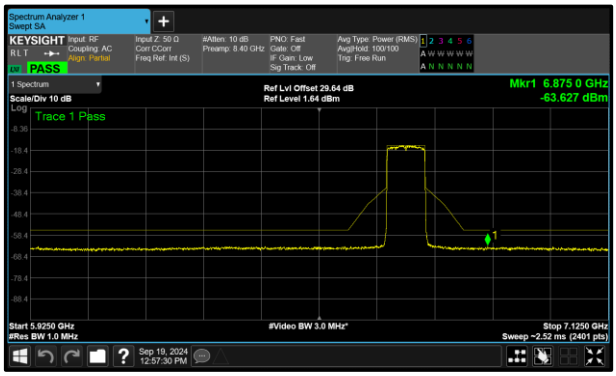

Figure 363 - B (Core 1) 802.11ax HE80 SU VLP 6705 MHz (CH151)

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 (b)(7)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE80 SU VLP	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
6145	8.99	9.12	-	-
6225	9.50	9.19	-	-
6385	8.26	9.99	-	-
6625	8.91	8.94	-	-
6705	8.89	7.63	-	-
6785	8.98	8.66	-	-

Table 428 - 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 centre, and by 40 dB at one- and one-half times the channel bandwidth away from channel centre. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the centre of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel centre 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.

2.8.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 18.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Hygrometer	Rotronic	I-1000	3068	12	07-Nov-2024
1800-6000 MHz Power Splitter	Mini-Circuits	ZN2PD-63-S+	4055	-	O/P Mon
AC Programmable Power Supply	iTech	IT7324	5225	-	O/P Mon
Attenuator 5W 30dB DC-18GHz	Aaren	AT40A-4041-D18-30	5505	12	22-Feb-2025
MXA Signal Analyser	Keysight Technologies	N9020B	5529	24	13-Dec-2024
2-Way Power Divider (2-8 GHz)	Aaren	AT30A-TE0208-2-AF	5685	12	02-Jan-2025
Digital Multimeter	Fluke	115	6145	12	06-Jun-2025
Cable (SMA to SMA 1m)	Junkosha	MWX221/B	6305	12	20-May-2025
Cable (SMA to SMA 3m)	Junkosha	MWX221-03000AMSAMS/A	6317	12	23-May-2025
MXA Signal Analyser	Keysight Technologies	N9020B	6419	24	28-Feb-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6426	12	07-Feb-2025
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	6447	-	O/P Mon
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	6448	-	O/P Mon
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6517	12	22-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6526	12	22-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6527	12	05-Mar-2025
AC Programmable Power Supply	iTech	IT7324	6665	-	O/P Mon
WiFi 6E Tri-Band Gaming Router	Asus	GT-AXE110000	6694	-	TU
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6752	12	06-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6753	12	06-Feb-2025

Table 429

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

2.9 Contention Based Protocol

2.9.1 Specification Reference

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

2.9.2 Equipment Under Test and Modification State

A3239, S/N: F62VWWG2NJ - Modification State 0

2.9.3 Date of Test

24-September-2024

2.9.4 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 into 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.

2.9.5 Test Setup Diagram

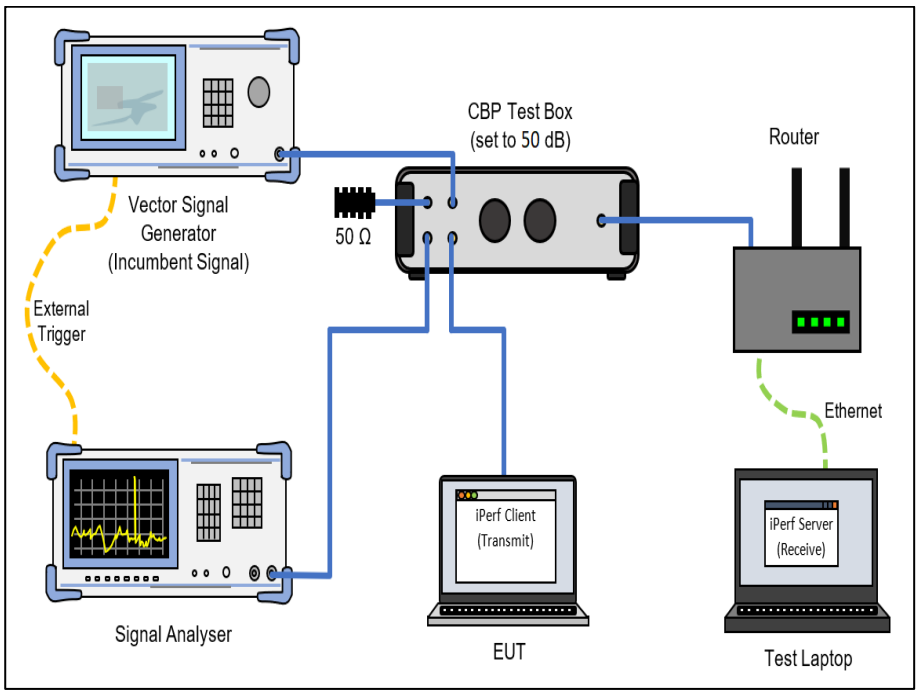

Figure 364 - Test Equipment Setup Diagram

2.9.6 Environmental Conditions

Ambient Temperature	21.6 °C
Relative Humidity	42.5 %

2.9.7 Test Results

6 GHz WLAN

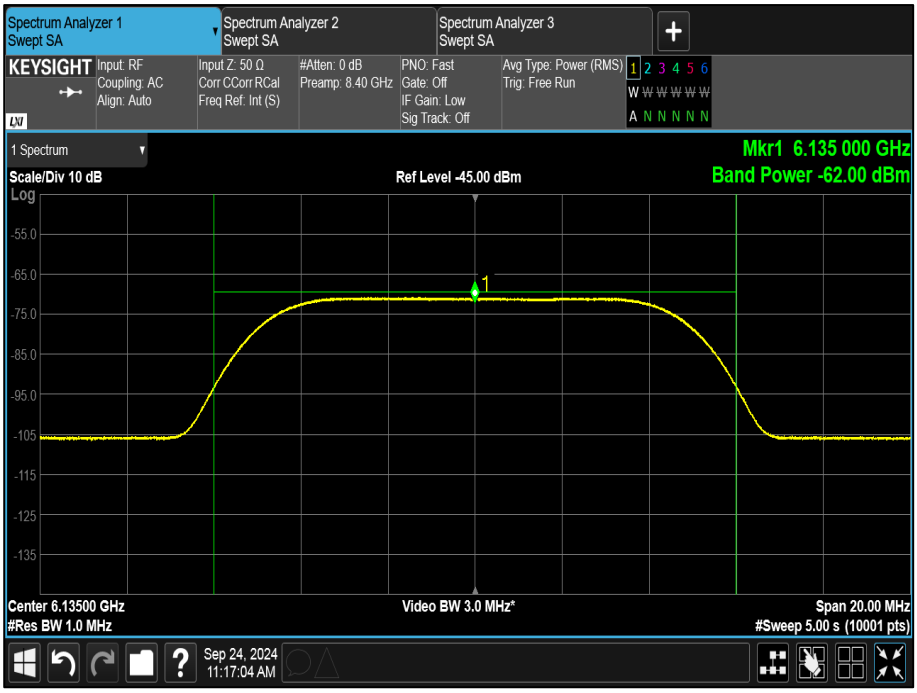

Figure 365 - Example of AWGN Signal

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)	-71.22	-70.93	-69.35
Antenna Gain (dBi)	0.40	0.40	0.40
Adjusted Power (dBm)	-71.62	-71.33	-69.75
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 430 - U-NII-5, Minimum Bandwidth

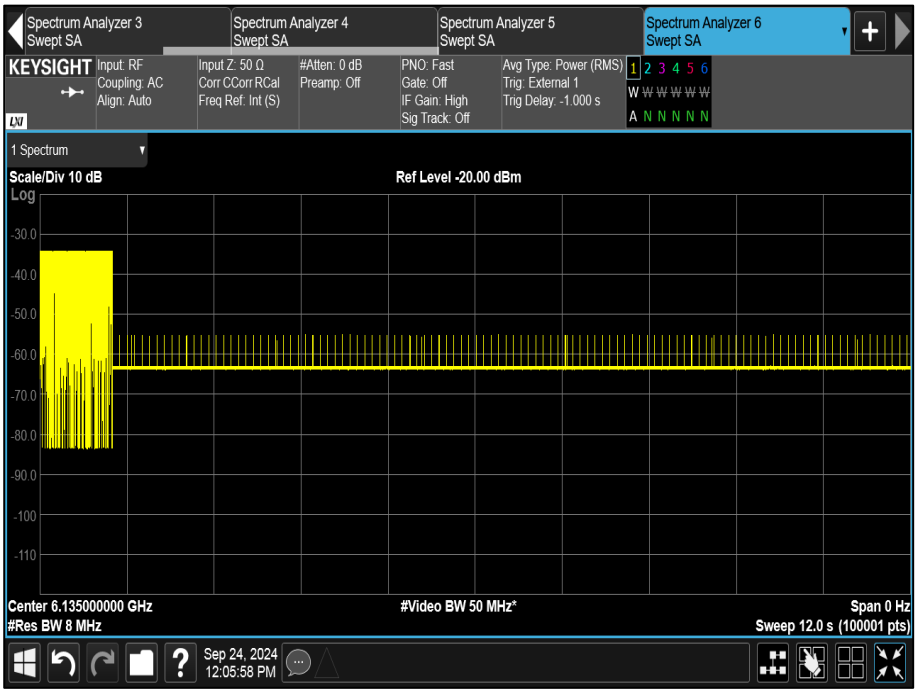

Figure 366 - U-NII-5, Minimum Bandwidth

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)	-67.91	-67.42	-64.20
Antenna Gain (dBi)	0.40	0.40	0.40
Adjusted Power (dBm)	-68.31	-67.82	-64.60
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 431 - U-NII-5, Maximum Bandwidth (AWGN Low)

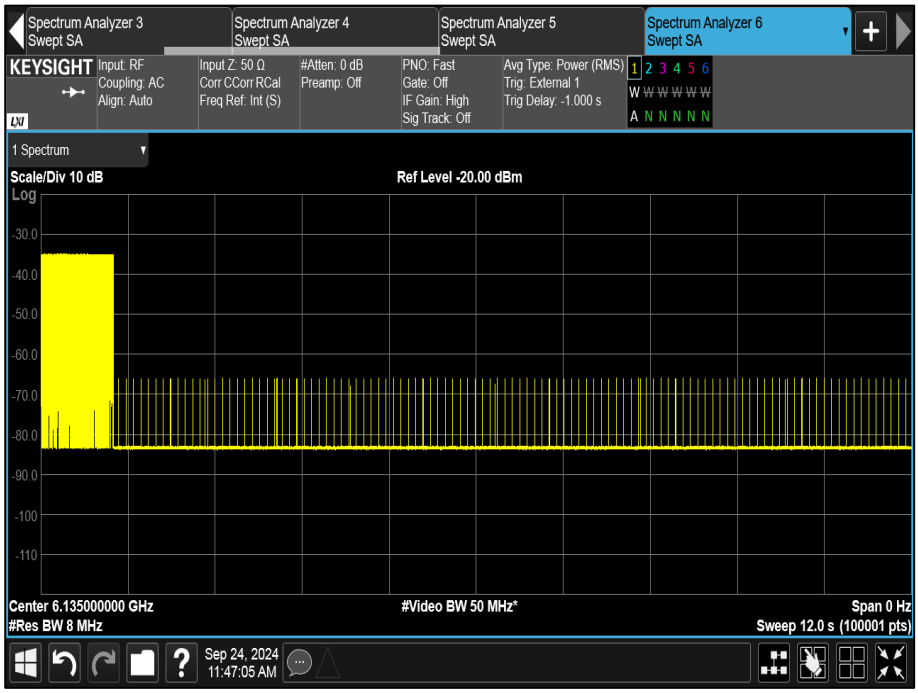

Figure 367 - U-NII-5, Maximum Bandwidth (AWGN Low)

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)	-68.98	-68.25	-64.80
Antenna Gain (dBi)	0.40	0.40	0.40
Adjusted Power (dBm)	-69.38	-68.65	-65.20
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 432 - U-NII-5, Maximum Bandwidth (AWGN Mid)

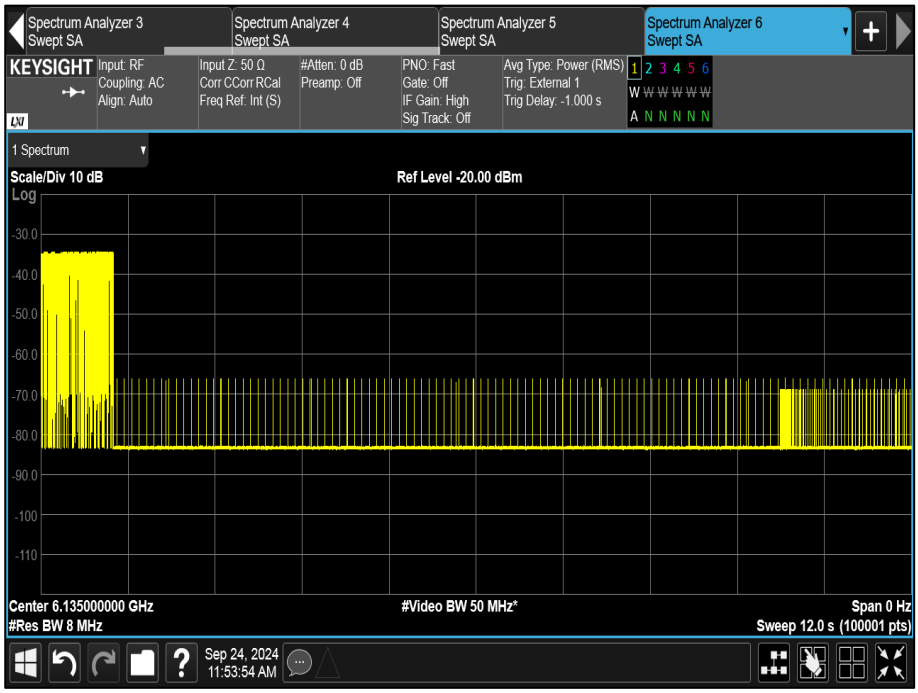

Figure 368 - U-NII-5, Maximum Bandwidth (AWGN Mid)

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)	-65.25	-65.10	-62.32
Antenna Gain (dBi)	0.40	0.40	0.40
Adjusted Power (dBm)	-65.65	-65.50	-62.72
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 433 - U-NII-5, Maximum Bandwidth (AWGN High)

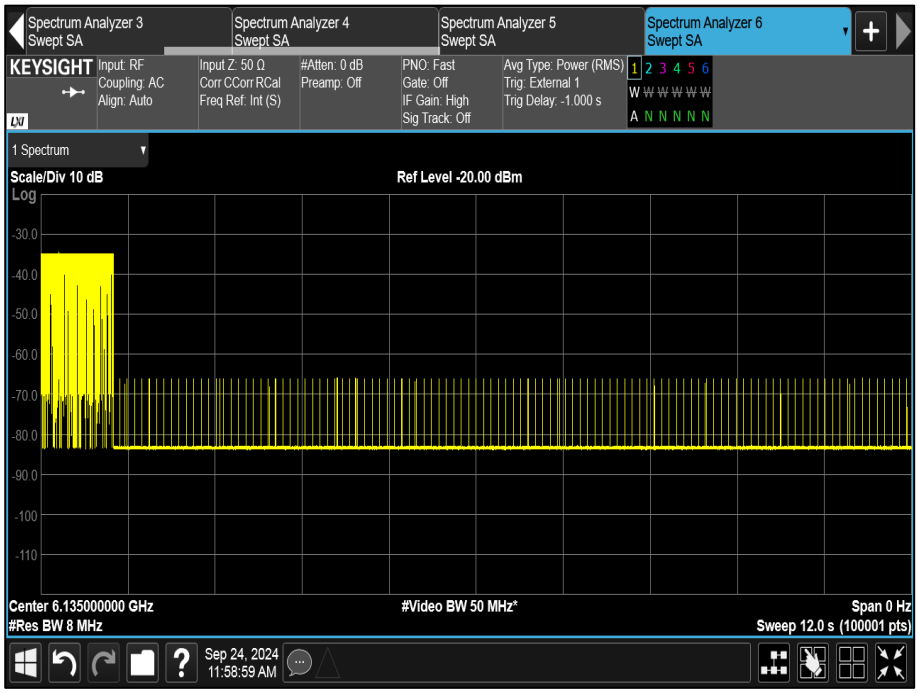

Figure 369 - U-NII-5, Maximum Bandwidth (AWGN High)

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)	-72.78	-71.77	-71.18
Antenna Gain (dBi)	0.40	0.40	0.40
Adjusted Power (dBm)	-73.18	-72.17	-71.58
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 434 - U-NII-6, Minimum Bandwidth

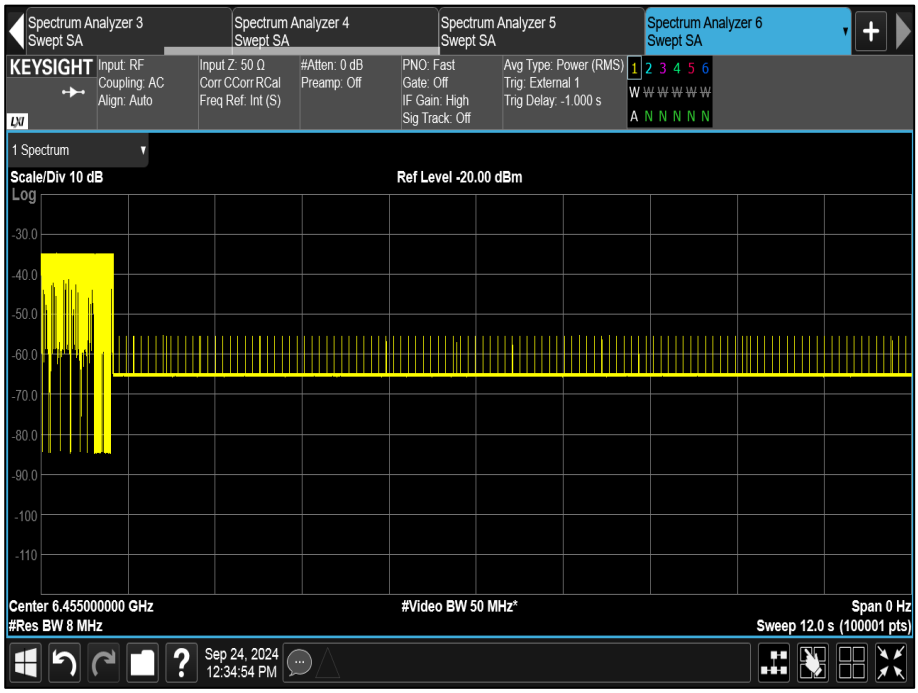

Figure 370 - U-NII-6, Minimum Bandwidth

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)	-69.12	-69.04	-67.55
Antenna Gain (dBi)	0.40	0.40	0.40
Adjusted Power (dBm)	-69.52	-69.44	-67.95
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 435 - U-NII-6, Maximum Bandwidth (AWGN Low)

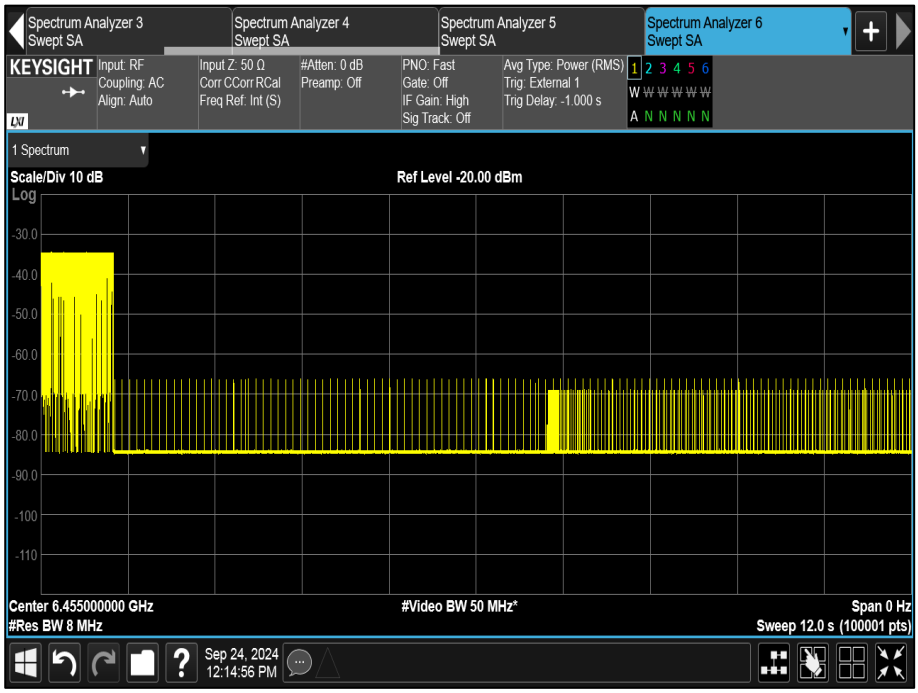

Figure 371 - U-NII-6, Maximum Bandwidth (AWGN Low)

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)	-68.51	-68.02	-66.65
Antenna Gain (dBi)	0.40	0.40	0.40
Adjusted Power (dBm)	-68.91	-68.42	-67.05
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 436 - U-NII-6, Maximum Bandwidth (AWGN Mid)

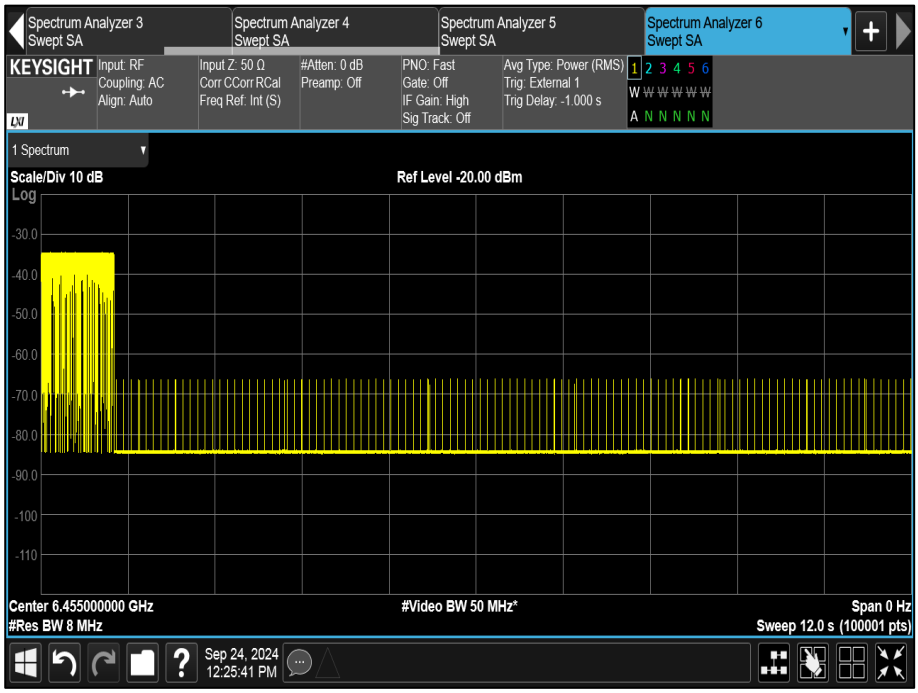

Figure 372 - U-NII-6, Maximum Bandwidth (AWGN Mid)

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)	-65.93	-64.91	-62.71
Antenna Gain (dBi)	0.40	0.40	0.40
Adjusted Power (dBm)	-66.33	-65.31	-63.11
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 437 - U-NII-6, Maximum Bandwidth (AWGN High)

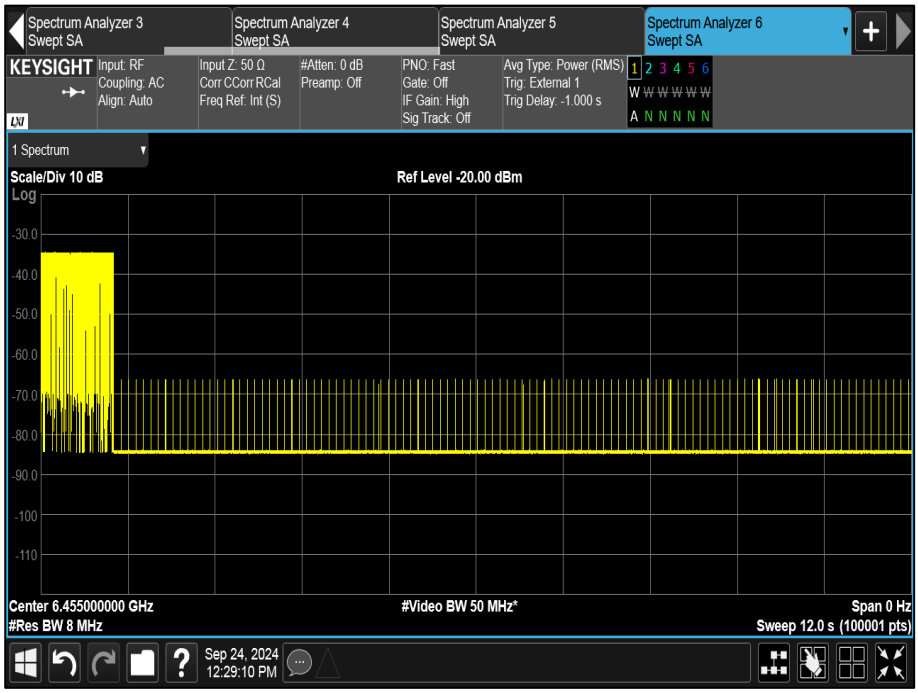

Figure 373 - U-NII-6, Maximum Bandwidth (AWGN High)

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)	-72.12	-71.34	-70.67
Antenna Gain (dBi)	0.40	0.40	0.40
Adjusted Power (dBm)	-72.52	-71.74	-71.07
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 438 - U-NII-7, Minimum Bandwidth

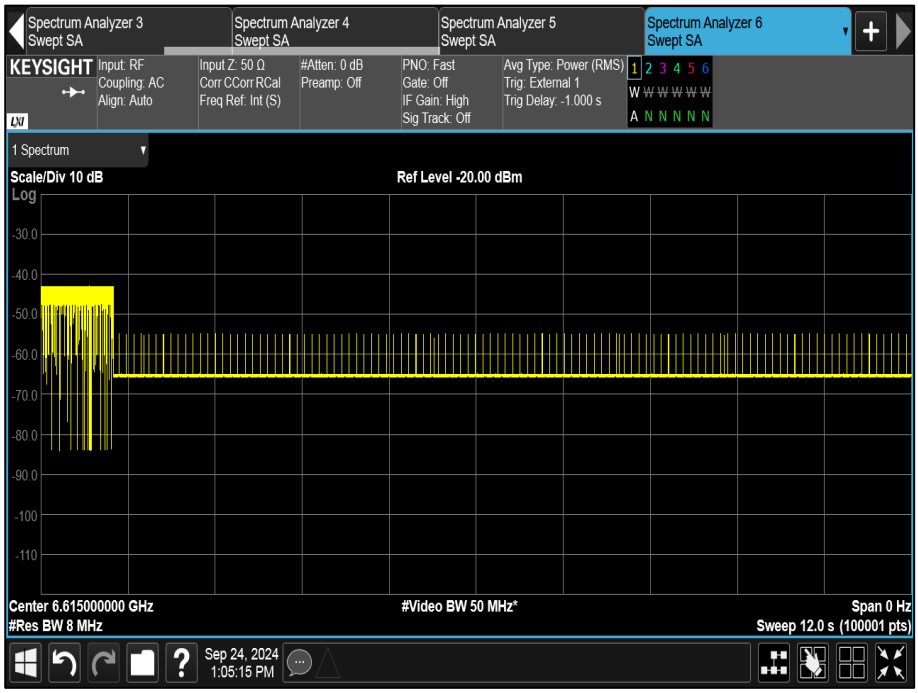

Figure 374 - U-NII-7, Minimum Bandwidth

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)	-66.52	-66.36	-64.00
Antenna Gain (dBi)	0.40	0.40	0.40
Adjusted Power (dBm)	-66.92	-66.76	-64.40
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 439 - U-NII-7, Maximum Bandwidth (AWGN Low)

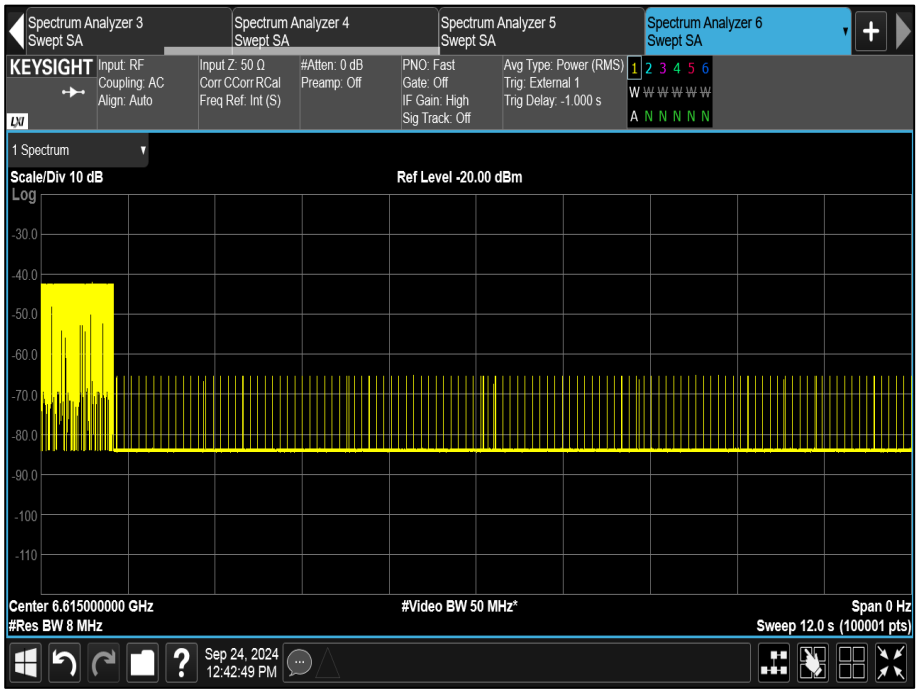

Figure 375 - U-NII-7, Maximum Bandwidth (AWGN Low)

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)	-68.18	-67.98	-66.55
Antenna Gain (dBi)	0.40	0.40	0.40
Adjusted Power (dBm)	-68.58	-68.38	-66.95
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 440 - U-NII-7, Maximum Bandwidth (AWGN Mid)

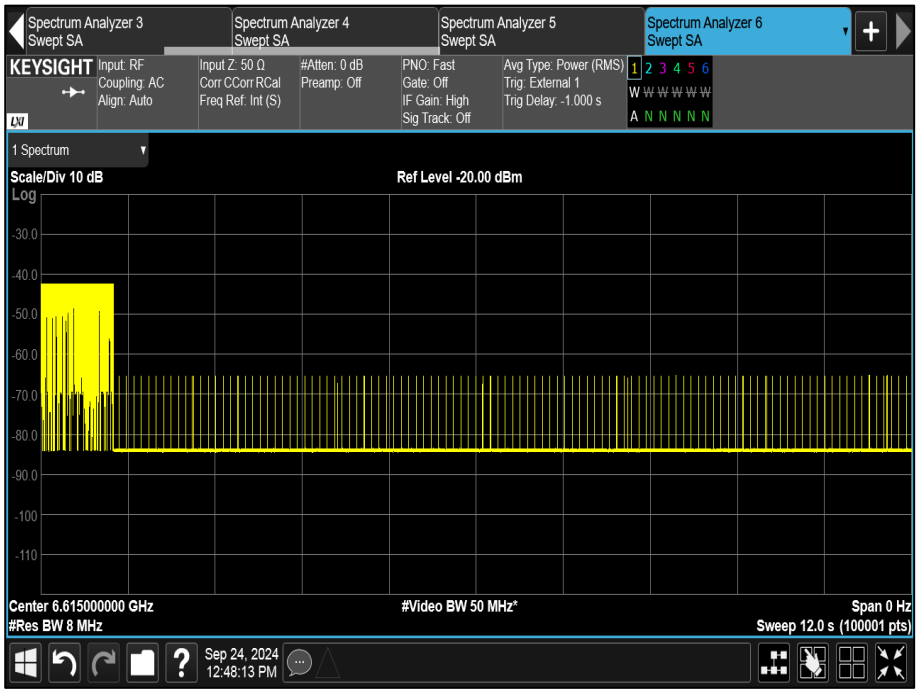

Figure 376 - U-NII-7, Maximum Bandwidth (AWGN Mid)

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)	-65.35	-64.76	-62.57
Antenna Gain (dBi)	0.40	0.40	0.40
Adjusted Power (dBm)	-65.75	-65.16	-62.97
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 441 - U-NII-7, Maximum Bandwidth (AWGN High)

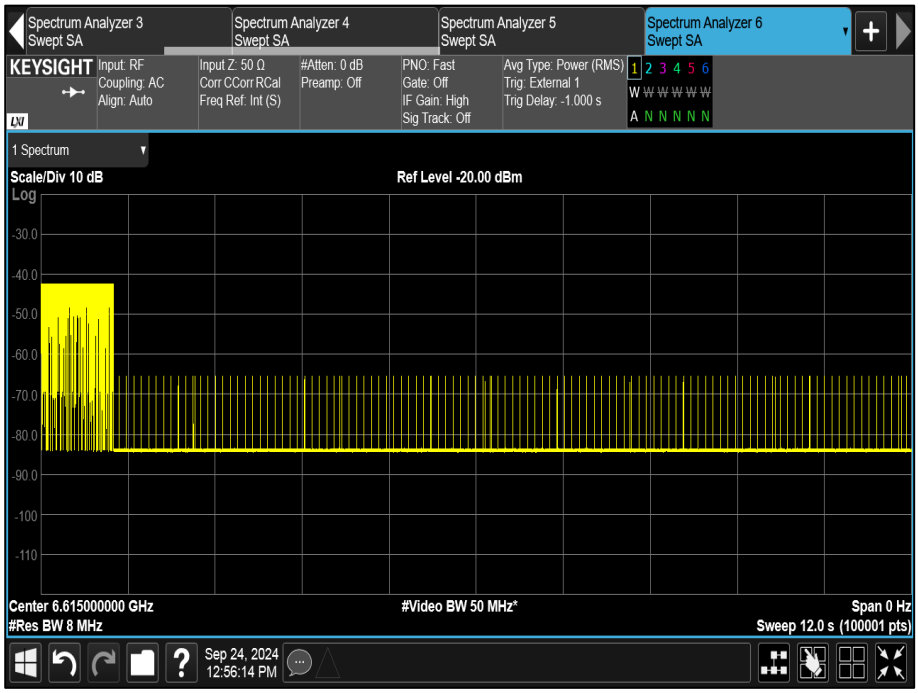

Figure 377 - U-NII-7, Maximum Bandwidth (AWGN High)

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)	-71.67	-71.46	-70.07
Antenna Gain (dBi)	0.40	0.40	0.40
Adjusted Power (dBm)	-72.07	-71.86	-70.47
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 442 - U-NII-8, Minimum Bandwidth

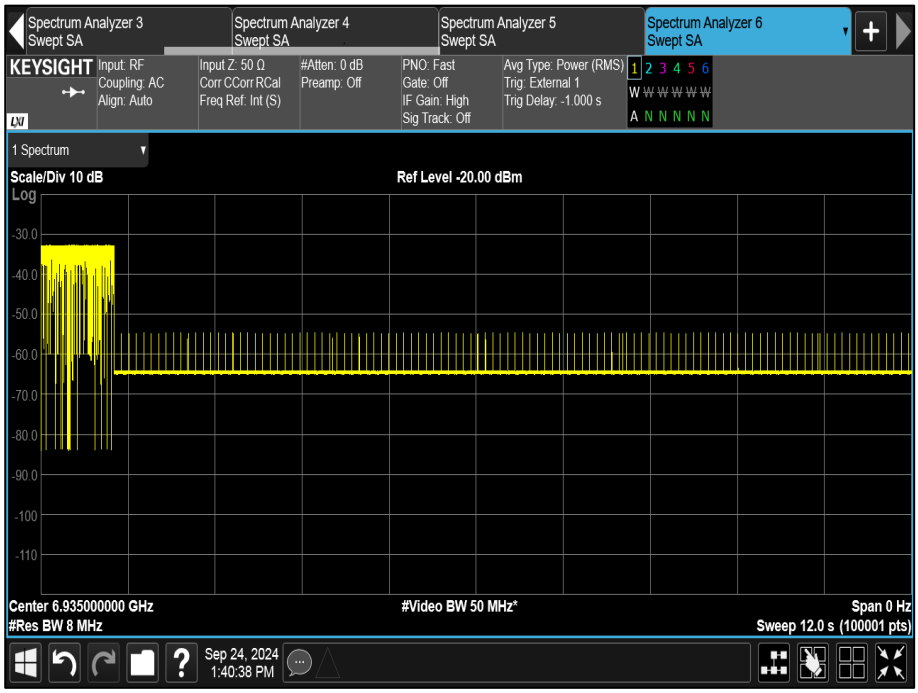

Figure 378 - U-NII-8, Minimum Bandwidth

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)	-67.52	-67.20	-63.25
Antenna Gain (dBi)	0.40	0.40	0.40
Adjusted Power (dBm)	-67.92	-67.60	-63.65
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 443 - U-NII-8, Maximum Bandwidth (AWGN Low)

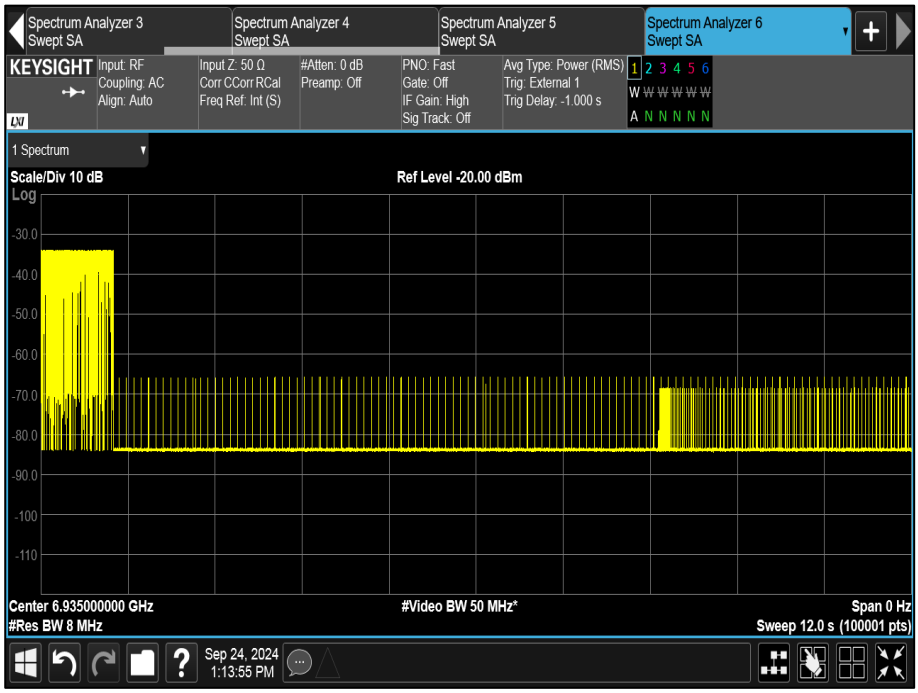

Figure 379 - U-NII-8, Maximum Bandwidth (AWGN Low)

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)	-68.25	-67.48	-65.98
Antenna Gain (dBi)	0.40	0.40	0.40
Adjusted Power (dBm)	-68.65	-67.88	-66.38
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 444 - U-NII-8, Maximum Bandwidth (AWGN Mid)

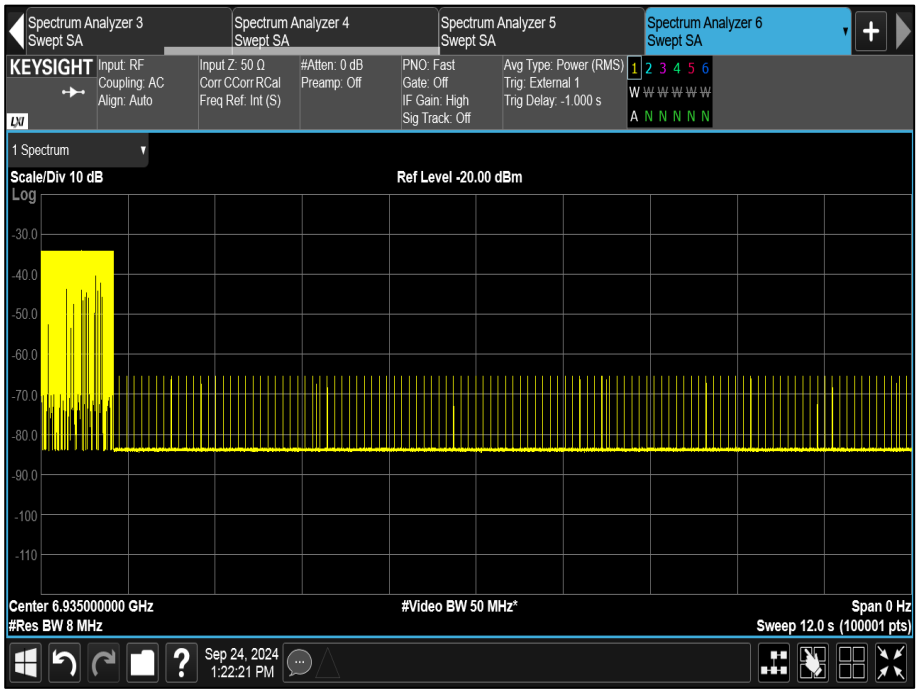

Figure 380 - U-NII-8, Maximum Bandwidth (AWGN Mid)

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)	-65.57	-64.81	-62.78
Antenna Gain (dBi)	0.40	0.40	0.40
Adjusted Power (dBm)	-65.97	-65.21	-63.18
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 445 - U-NII-8, Maximum Bandwidth (AWGN High)

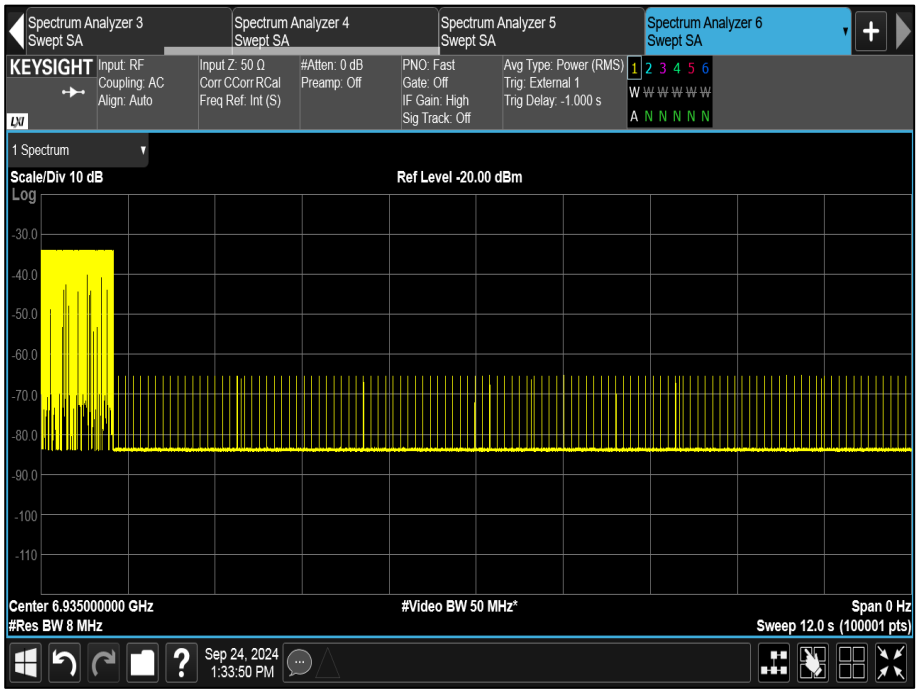

Figure 381 - U-NII-8, Maximum Bandwidth (AWGN High)

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.

2.9.8 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
EXA Signal Analyser	Keysight Technologies	N9010B	4968	24	29-Jan-2026
3.5 mm 2m Cable	Junkosha	MWX221-02000DMS	5430	12	16-May-2025
3.5mm Cable (1m)	Junkosha	MWX221/B	5838	12	29-Jul-2025
WiFi 6E Tri-Band Gaming Router	Asus	GT-AXE110000	5926	-	TU
Cable (K Type 2m)	Junkosha	MWX241-02000KMSKMS/B	5936	12	23-May-2025
Cable (K Type 2m)	Junkosha	MWX241-02000KMSKMS/B	5938	12	23-May-2025
Thermohygrometer	R.S Components	1364	6352	12	13-Jun-2025
Test Coupling Network	TUV SUD	TUV_RxTest_001	6387	12	06-Sep-2025
Vector Signal Generator (7.5GHz)	Rohde & Schwarz	SMM100A	6532	36	11-Apr-2026

Table 446

TU - Traceability Unscheduled

3 Measurement Uncertainty

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

Test Name	Measurement Uncertainty
Emission Bandwidth	± 3913.52 kHz
Dual Client Test	± 1.38 dB
Transmit Power Control	± 1.49 dB
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 447

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.