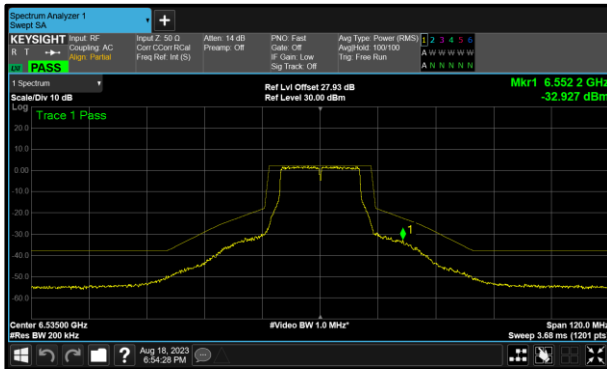


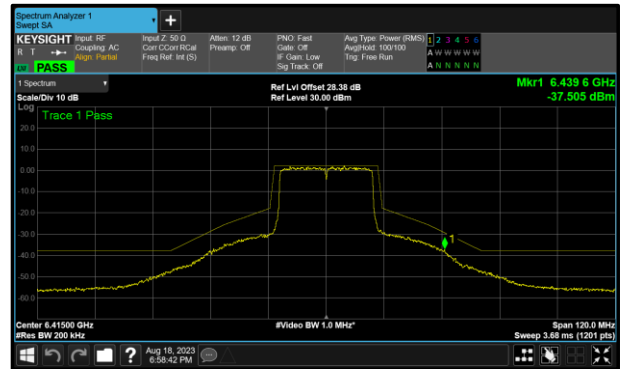


Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11a SP	10.45	6552.200
802.11ax HE20 SU SP	8.22	6439.600
802.11ax HE40 SU SP	7.05	6501.420
802.11ax HE80 SU SP	5.84	6500.260
802.11ax HE160 SU SP	3.02	6088.000

**Table 533 - Unwanted Emissions Within the RLAN Band Summary Results-SISO SP**



**Figure 175 - A (Core 0) 802.11a SP 6535 MHz (CH117)**



**Figure 176 - A (Core 0) 802.11ax HE20 SU SP 6415 MHz (CH93)**

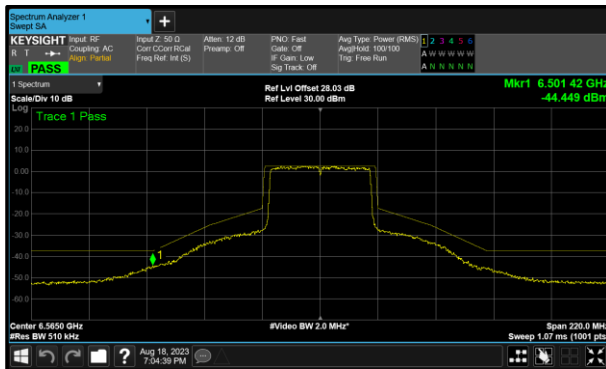


Figure 177 - A (Core 0) 802.11ax HE40 SU SP  
6565 MHz (CH123)

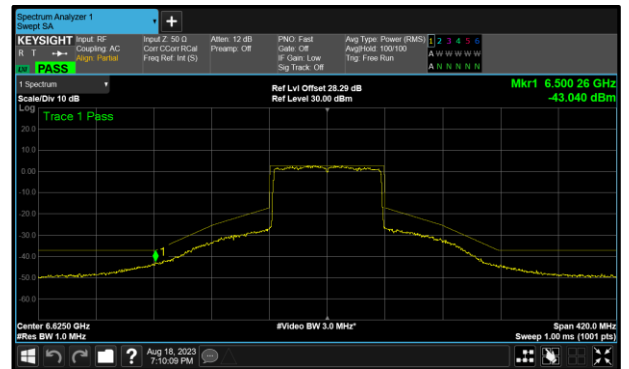


Figure 178 - A (Core 0) 802.11ax HE80 SU SP  
6625 MHz (CH135)

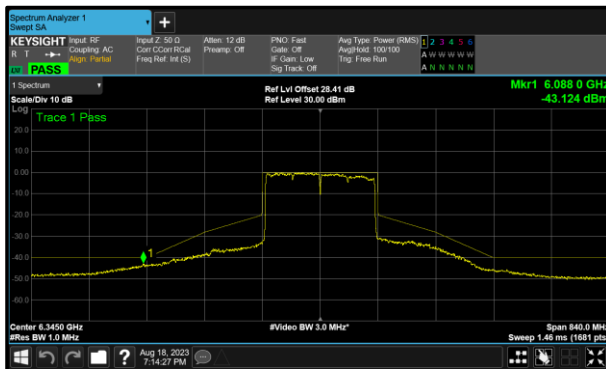
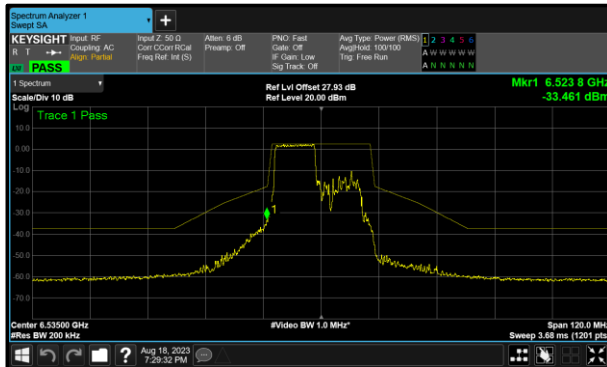


Figure 179 - A (Core 0) 802.11ax HE160 SU SP  
6345 MHz (CH79)

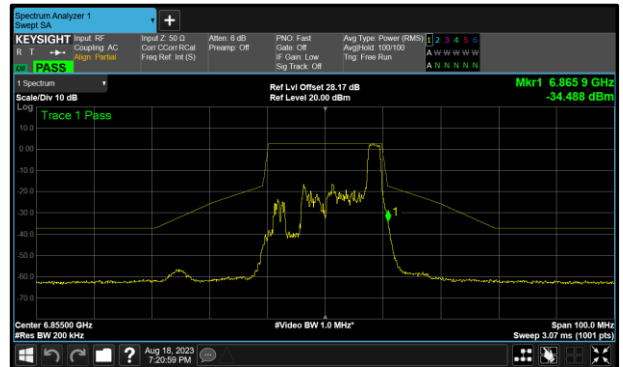


Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 SP	15.96	6523.800
802.11ax HE20 RU26 SP	17.13	6865.900
802.11ax HE20 RU52 SP	17.77	6524.000

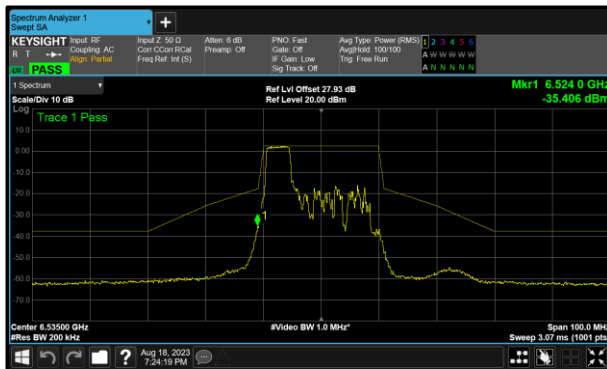
**Table 534 - Unwanted Emissions Within the RLAN Band Summary Results-SISO SP RU**



**Figure 180 - A (Core 0) 802.11ax HE20 RU106 SP  
 6535 MHz (CH117)**



**Figure 181 - A (Core 0) 802.11ax HE20 RU26 SP  
 6855 MHz (CH181)**



**Figure 182 - A (Core 0) 802.11ax HE20 RU52 SP  
 6535 MHz (CH117)**



Test Configuration			
Frequency Range:	5925MHz – 6875MHz	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)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	13.04	-	-	-
6175	12.92	-	-	-
6415	10.69	-	-	-
6535	10.45	-	-	-
6695	10.80	-	-	-
6855	10.51	-	-	-

**Table 535 - Unwanted Emissions Within the Band Results**

Test Configuration			
Frequency Range:	5925MHz – 6875MHz	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)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	10.81	-	-	-
6175	9.64	-	-	-
6415	8.22	-	-	-
6535	9.58	-	-	-
6695	9.15	-	-	-
6855	9.19	-	-	-

**Table 536 - Unwanted Emissions Within the Band Results**



Test Configuration			
Frequency Range:	5925MHz – 6875MHz	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)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5965	9.31	-	-	-
6165	8.34	-	-	-
6405	7.46	-	-	-
6565	7.05	-	-	-
6685	8.18	-	-	-
6845	7.99	-	-	-

**Table 537 - Unwanted Emissions Within the Band Results**

Test Configuration			
Frequency Range:	5925MHz – 6875MHz	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)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5985	6.39	-	-	-
6145	6.52	-	-	-
6385	6.28	-	-	-
6625	5.84	-	-	-
6705	6.72	-	-	-
6785	6.83	-	-	-

**Table 538 - Unwanted Emissions Within the Band Results**



Test Configuration			
Frequency Range:	5925MHz – 6875MHz	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)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6025	5.06	-	-	-
6185	3.22	-	-	-
6345	3.02	-	-	-
6665	3.95	-	-	-

**Table 539 - Unwanted Emissions Within the Band Results**

Test Configuration			
Frequency Range:	5925MHz – 6875MHz	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)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU26.0)	21.54	-	-	-
6175 (RU26.0)	20.06	-	-	-
6415 (RU26.8)	17.52	-	-	-
6535 (RU26.0)	19.37	-	-	-
6695 (RU26.0)	22.02	-	-	-
6855 (RU26.8)	17.13	-	-	-

**Table 540 - Unwanted Emissions Within the Band Results**



Test Configuration			
Frequency Range:	5925MHz – 6875MHz	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)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU52.37)	20.55	-	-	-
6175 (RU52.37)	19.08	-	-	-
6415 (RU52.40)	18.41	-	-	-
6535 (RU52.37)	17.77	-	-	-
6695 (RU52.37)	20.50	-	-	-
6855 (RU52.40)	19.61	-	-	-

**Table 541 - Unwanted Emissions Within the Band Results**

Test Configuration			
Frequency Range:	5925MHz – 6875MHz	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)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU106.53)	20.53	-	-	-
6175 (RU106.53)	18.62	-	-	-
6415 (RU106.54)	16.07	-	-	-
6535 (RU106.53)	15.96	-	-	-
6695 (RU106.53)	17.51	-	-	-
6855 (RU106.54)	18.15	-	-	-

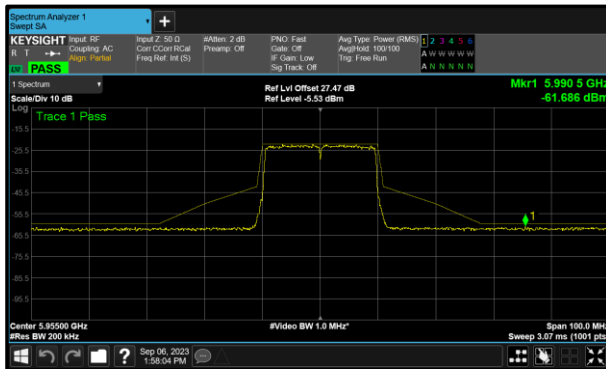
**Table 542 - Unwanted Emissions Within the Band Results**



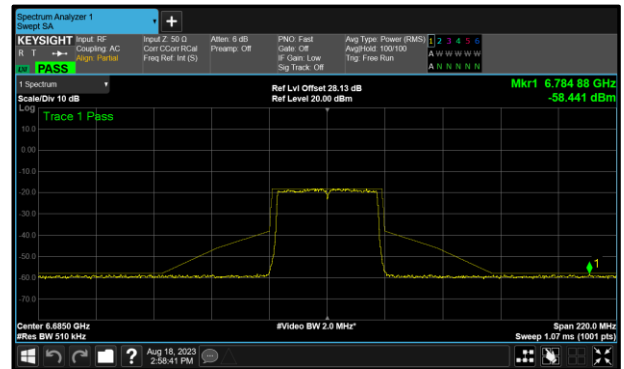
**MIMO CDD**

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU LPI	1.69	5990.500
802.11ax HE40 SU LPI	0.34	6784.880
802.11ax HE80 SU LPI	0.82	6823.660
802.11ax HE160 SU LPI	1.16	6276.500

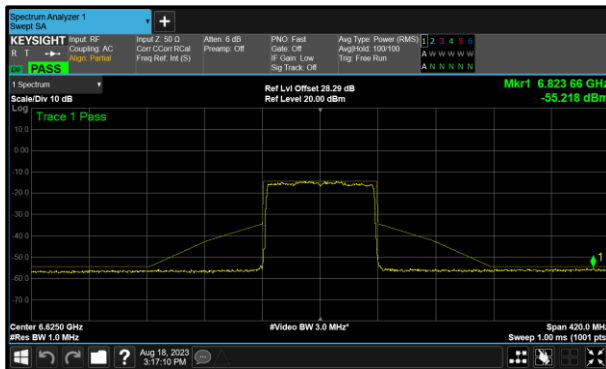
**Table 543 - Unwanted Emissions Within the RLAN Band Summary Results-MIMO CDD LPI**



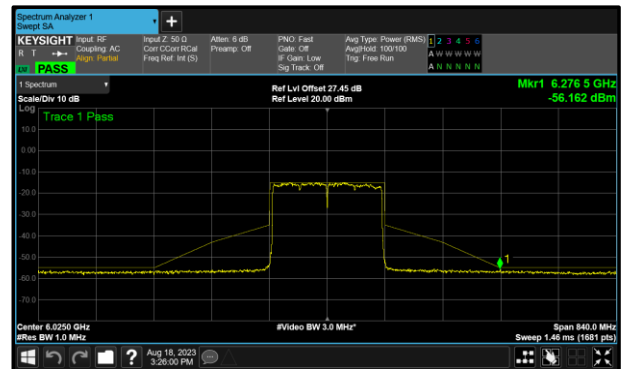
**Figure 183 - A (Core 0) 802.11ax HE20 SU LPI 5955 MHz (CH1)**



**Figure 184 - A (Core 0) 802.11ax HE40 SU LPI 6685 MHz (CH147)**



**Figure 185 - A (Core 0) 802.11ax HE80 SU LPI 6625 MHz (CH135)**



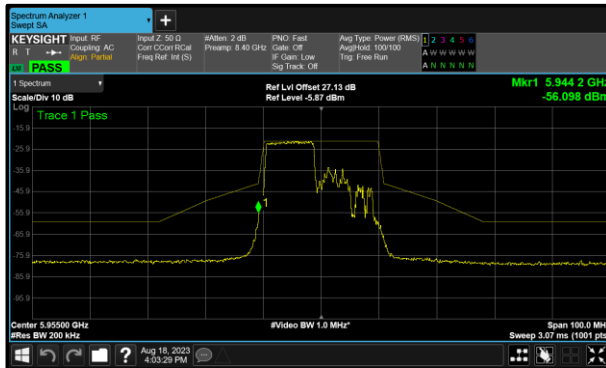
**Figure 186 - A (Core 0) 802.11ax HE160 SU LPI 6025 MHz (CH15)**



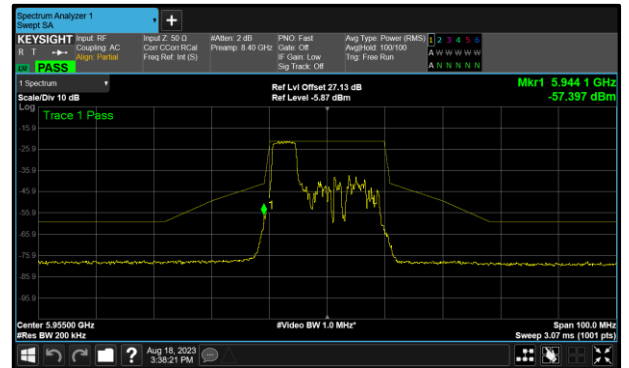


Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 LPI	16.10	5944.200
802.11ax HE20 RU52 LPI	16.00	5944.100

**Table 544 - Unwanted Emissions Within the RLAN Band Summary Results-MIMO CDD RU LPI**



**Figure 187 - B (Core 1) 802.11ax HE20 RU106 LPI 5955 MHz (CH1)**



**Figure 188 - B (Core 1) 802.11ax HE20 RU52 LPI 5955 MHz (CH1)**



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	1.69	7.60	-	-
6175	3.08	2.98	-	-
6415	2.93	3.53	-	-
6435	3.17	3.56	-	-
6475	2.72	3.16	-	-
6515	3.09	3.06	-	-
6535	3.26	2.97	-	-
6695	2.60	2.98	-	-
6855	2.77	3.00	-	-
6875	2.86	3.17	-	-
6895	2.55	3.05	-	-
6995	2.56	2.20	-	-
7095	2.98	2.98	-	-

**Table 545 - 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	1.61	1.84	-	-
6165	1.80	1.70	-	-
6405	0.84	3.01	-	-
6445	1.25	2.39	-	-
6485	1.68	2.75	-	-
6525	0.46	1.31	-	-
6565	0.58	1.64	-	-
6685	0.34	1.24	-	-
6845	0.92	1.49	-	-
6885	0.94	1.40	-	-
6925	2.02	2.07	-	-
7005	1.20	1.50	-	-
7085	1.13	1.47	-	-

**Table 546 - 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	1.07	1.24	-	-
6145	1.85	2.72	-	-
6385	1.54	2.04	-	-
6465	2.09	2.64	-	-
6545	1.54	1.33	-	-
6625	0.82	1.11	-	-
6705	1.45	1.80	-	-
6785	1.37	1.55	-	-
6865	2.11	2.19	-	-
6945	2.65	2.66	-	-
7025	2.66	2.99	-	-

**Table 547 - 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	1.16	1.75	-	-
6185	2.38	3.05	-	-
6345	1.44	2.14	-	-
6505	1.20	1.19	-	-
6665	1.42	1.93	-	-
6825	1.83	1.88	-	-
6985	2.95	3.16	-	-

**Table 548 - 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
5955 (RU52.37)	18.19	16.00	-	-
6175 (RU52.37)	18.75	18.61	-	-
6415 (RU52.40)	18.38	16.02	-	-
6435 (RU52.37)	18.11	18.09	-	-
6475 (RU52.37)	18.46	18.66	-	-
6515 (RU52.40)	17.77	16.13	-	-
6535 (RU52.37)	18.71	17.99	-	-
6695 (RU52.37)	18.72	18.95	-	-
6855 (RU52.40)	18.65	16.50	-	-
6875 (RU52.38)	18.98	18.83	-	-
6875 (RU52.39)	18.75	18.84	-	-
6895 (RU52.37)	18.42	18.28	-	-
6995 (RU52.37)	18.59	17.64	-	-
7095 (RU52.40)	18.34	16.32	-	-

**Table 549 - 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

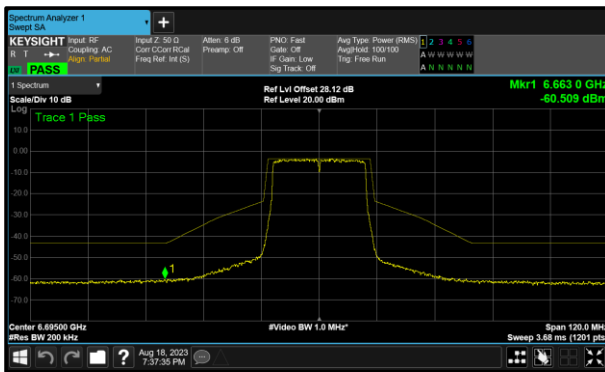
Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU106.53)	17.88	16.10	-	-
6175 (RU106.53)	18.45	18.49	-	-
6415 (RU106.54)	17.82	18.02	-	-
6435 (RU106.53)	17.70	17.26	-	-
6475 (RU106.53)	17.63	16.24	-	-
6515 (RU106.54)	17.94	17.23	-	-
6535 (RU106.53)	18.30	17.82	-	-
6695 (RU106.53)	18.33	17.09	-	-
6855 (RU106.54)	18.21	16.68	-	-
6875 (RU106.53)	17.67	17.65	-	-
6875 (RU106.54)	18.21	17.27	-	-
6895 (RU106.53)	18.01	16.32	-	-
6995 (RU106.53)	18.49	17.59	-	-
7095 (RU106.54)	18.68	17.15	-	-

**Table 550 - Unwanted Emissions Within the Band Results**

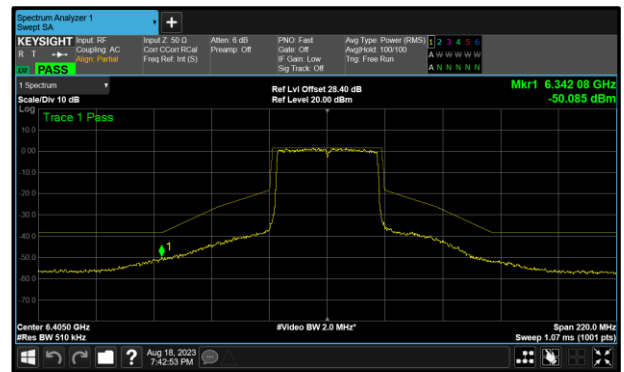


Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU SP	17.01	6663.000
802.11ax HE40 SU SP	11.78	6342.080
802.11ax HE80 SU SP	5.59	6261.100
802.11ax HE160 SU SP	2.69	5934.500

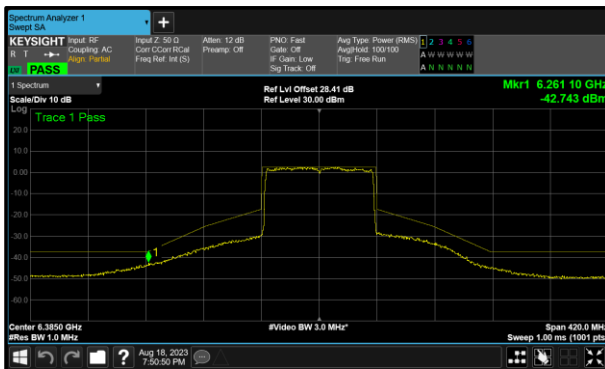
**Table 551 - Unwanted Emissions Within the RLAN Band Summary Results-MIMO CDD SP**



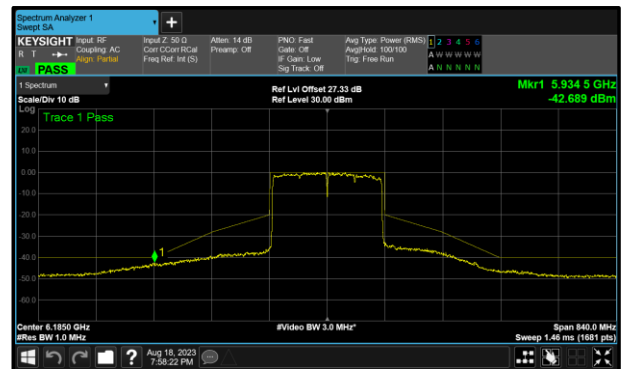
**Figure 189 - A (Core 0) 802.11ax HE20 SU SP  
 6695 MHz (CH149)**



**Figure 190 - A (Core 0) 802.11ax HE40 SU SP  
 6405 MHz (CH91)**



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



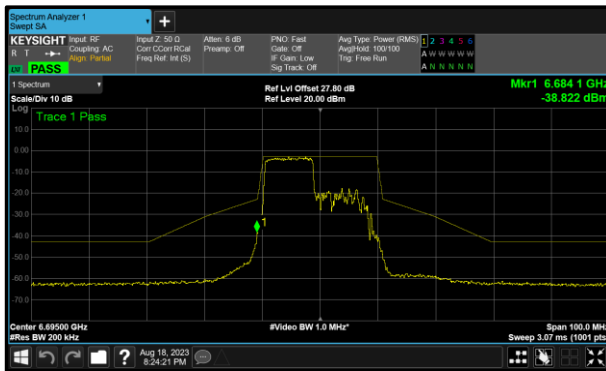
**Figure 192 - B (Core 1) 802.11ax HE160 SU SP  
 6185 MHz (CH47)**



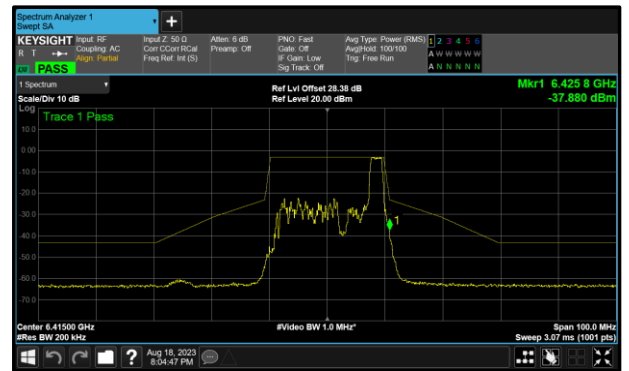


Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 SP	16.00	6684.100
802.11ax HE20 RU26 SP	15.58	6425.800
802.11ax HE20 RU52 SP	15.12	6425.800

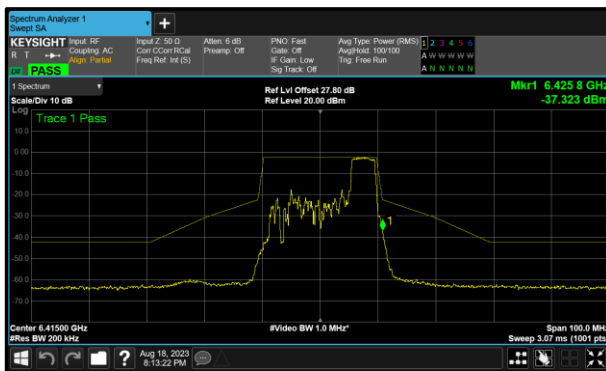
**Table 552 - Unwanted Emissions Within the RLAN Band Summary Results- MIMO CDD SP RU**



**Figure 193 - B (Core 1) 802.11ax HE20 RU106 SP 6695 MHz (CH149)**



**Figure 194 - A (Core 0) 802.11ax HE20 RU26 SP 6415 MHz (CH93)**



**Figure 195 - B (Core 1) 802.11ax HE20 RU52 SP 6415 MHz (CH93)**



Test Configuration			
Frequency Range:	5925MHz – 6875MHz	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	17.66	17.24	-	-
6175	17.65	17.77	-	-
6415	17.27	18.21	-	-
6535	17.18	17.64	-	-
6695	17.01	17.28	-	-
6855	17.46	17.41	-	-

**Table 553 - Unwanted Emissions Within the Band Results**

Test Configuration			
Frequency Range:	5925MHz – 6875MHz	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	16.38	16.38	-	-
6165	12.94	14.07	-	-
6405	11.78	12.83	-	-
6565	13.06	14.18	-	-
6685	14.18	14.37	-	-
6845	13.80	14.44	-	-

**Table 554 - Unwanted Emissions Within the Band Results**



Test Configuration			
Frequency Range:	5925MHz – 6875MHz	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	8.46	9.12	-	-
6145	8.38	8.53	-	-
6385	5.59	6.95	-	-
6625	6.38	5.64	-	-
6705	6.88	6.70	-	-
6785	6.27	5.69	-	-

**Table 555 - Unwanted Emissions Within the Band Results**

Test Configuration			
Frequency Range:	5925MHz – 6875MHz	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	7.78	7.67	-	-
6185	2.70	2.69	-	-
6345	3.25	5.56	-	-
6665	3.60	3.41	-	-

**Table 556 - Unwanted Emissions Within the Band Results**



Test Configuration			
Frequency Range:	5925MHz – 6875MHz	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)	18.77	18.15	-	-
6175 (RU26.0)	19.14	17.59	-	-
6415 (RU26.8)	15.58	16.07	-	-
6535 (RU26.0)	19.03	17.98	-	-
6695 (RU26.0)	18.95	18.17	-	-
6855 (RU26.8)	17.64	17.04	-	-

**Table 557 - Unwanted Emissions Within the Band Results**

Test Configuration			
Frequency Range:	5925MHz – 6875MHz	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)	18.99	18.86	-	-
6175 (RU52.37)	19.29	19.52	-	-
6415 (RU52.40)	18.86	15.12	-	-
6535 (RU52.37)	19.06	17.99	-	-
6695 (RU52.37)	19.07	19.74	-	-
6855 (RU52.40)	19.25	16.98	-	-

**Table 558 - Unwanted Emissions Within the Band Results**



Test Configuration			
Frequency Range:	5925MHz – 6875MHz	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)	18.63	17.42	-	-
6175 (RU106.53)	18.70	16.81	-	-
6415 (RU106.54)	19.31	17.33	-	-
6535 (RU106.53)	19.12	16.96	-	-
6695 (RU106.53)	18.54	16.00	-	-
6855 (RU106.54)	18.70	17.02	-	-

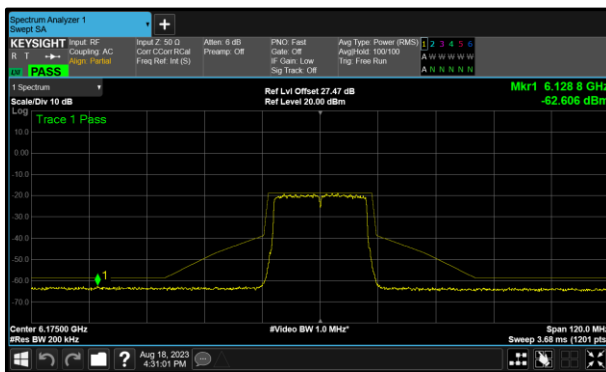
**Table 559 - Unwanted Emissions Within the Band Results**



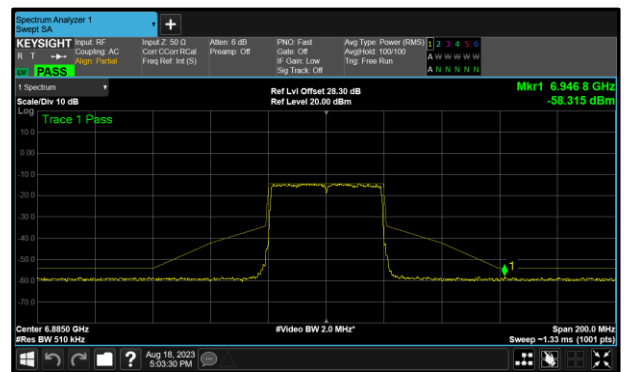
MIMO SDM

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU LPI	3.81	6128.800
802.11ax HE40 SU LPI	4.02	6946.800
802.11ax HE80 SU LPI	3.80	6824.080
802.11ax HE160 SU LPI	3.79	6139.500

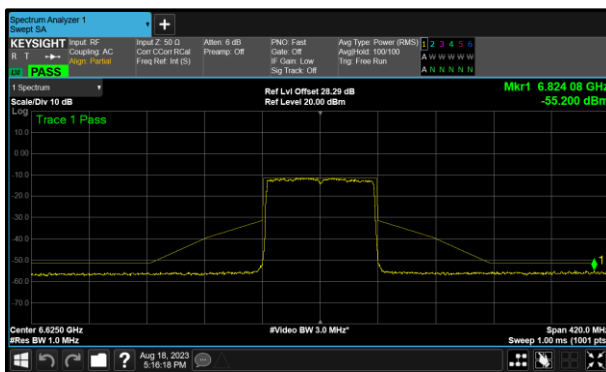
**Table 560 - Unwanted Emissions Within the RLAN Band Summary Results-MIMO SDM LPI**



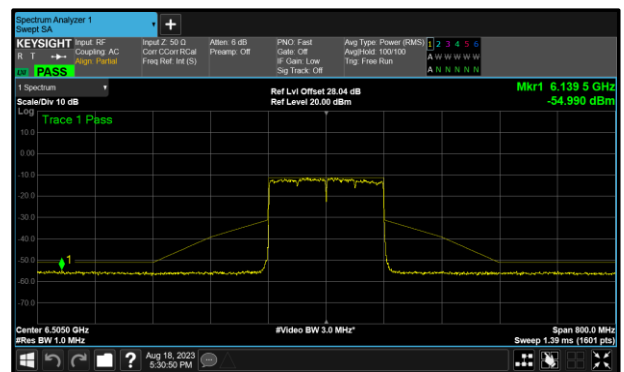
**Figure 196 - A (Core 0) 802.11ax HE20 SU LPI  
 6175 MHz (CH45)**



**Figure 197 - A (Core 0) 802.11ax HE40 SU LPI  
 6885 MHz (CH187)**



**Figure 198 - A (Core 0) 802.11ax HE80 SU LPI  
 6625 MHz (CH135)**

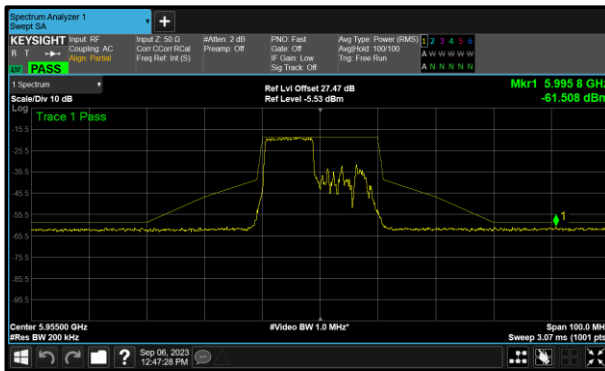


**Figure 199 - B (Core 1) 802.11ax HE160 SU LPI  
 6505 MHz (CH111)**

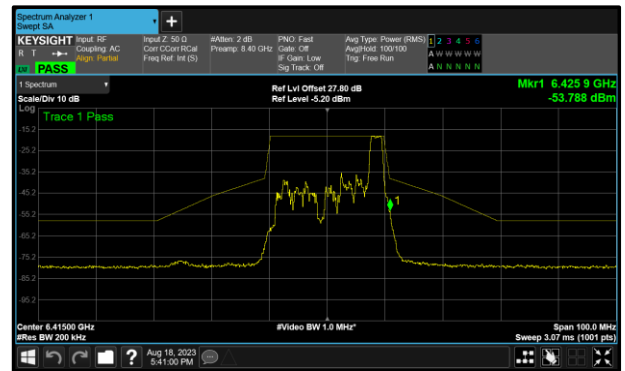


Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 LPI	2.31	5995.800
802.11ax HE20 RU26 LPI	15.53	6425.900
802.11ax HE20 RU52 LPI	15.35	6525.900

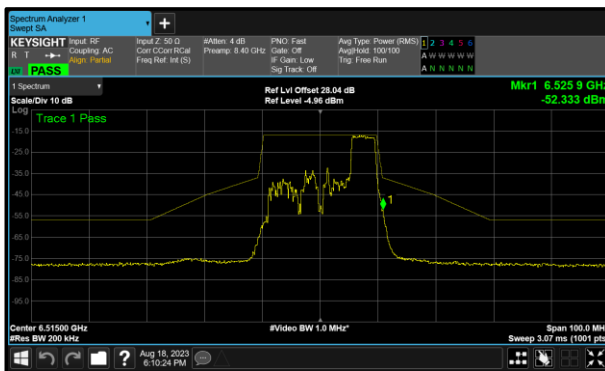
**Table 561 - Unwanted Emissions Within the RLAN Band Summary Results- MIMO SDM RU LPI**



**Figure 200 - A (Core 0) 802.11ax HE20 RU106 LPI 5955 MHz (CH1)**



**Figure 201 - B (Core 1) 802.11ax HE20 RU26 LPI 6415 MHz (CH93)**



**Figure 202 - B (Core 1) 802.11ax HE20 RU52 LPI 6515 MHz (CH113)**



Test Configuration			
Frequency Range:	5.925 – 7.125 GHz	Band:	U-NII-5, U-NII-6, U-NII-7, U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 SU 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	4.08	5.16	-	-
6175	3.81	5.48	-	-
6415	4.98	5.99	-	-
6435	5.53	6.73	-	-
6475	5.70	5.72	-	-
6515	5.78	5.94	-	-
6535	5.68	5.36	-	-
6695	4.52	3.99	-	-
6855	5.28	5.97	-	-
6875	4.42	5.45	-	-
6895	6.11	6.59	-	-
6995	6.80	6.56	-	-
7095	5.60	5.74	-	-

**Table 562 - Unwanted Emissions Within the Band Results**





Test Configuration			
Frequency Range:	5.925 – 7.125 GHz	Band:	U-NII-5, U-NII-6, U-NII-7, U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE40 SU 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	4.47	5.08	-	-
6165	5.02	5.57	-	-
6405	4.14	5.44	-	-
6445	5.21	5.59	-	-
6485	4.88	5.21	-	-
6525	4.32	4.36	-	-
6565	4.20	4.27	-	-
6685	4.02	4.06	-	-
6845	4.47	4.26	-	-
6885	4.02	4.34	-	-
6925	6.04	6.39	-	-
7005	4.95	5.03	-	-
7085	5.05	5.69	-	-

**Table 563 - Unwanted Emissions Within the Band Results**



Test Configuration			
Frequency Range:	5.925 – 7.125 GHz	Band:	U-NII-5, U-NII-6, U-NII-7, U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE80 SU 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	4.14	4.60	-	-
6145	4.35	5.23	-	-
6385	4.16	4.76	-	-
6465	4.85	5.32	-	-
6545	4.18	4.27	-	-
6625	3.80	4.00	-	-
6705	4.32	4.28	-	-
6785	4.03	4.23	-	-
6865	4.18	4.97	-	-
6945	5.27	5.48	-	-
7025	5.30	5.47	-	-

**Table 564 - Unwanted Emissions Within the Band Results**



Test Configuration			
Frequency Range:	5.925 – 7.125 GHz	Band:	U-NII-5, U-NII-6, U-NII-7, U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE160 SU 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	4.33	4.47	-	-
6185	5.16	5.64	-	-
6345	4.06	4.62	-	-
6505	3.92	3.79	-	-
6665	3.99	4.36	-	-
6825	4.45	4.54	-	-
6985	5.38	5.61	-	-

**Table 565 - Unwanted Emissions Within the Band Results**



Test Configuration			
Frequency Range:	5.925 – 7.125 GHz	Band:	U-NII-5, U-NII-6, U-NII-7, U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU26 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)	17.79	17.82	-	-
6175 (RU26.0)	19.62	18.49	-	-
6415 (RU26.8)	18.43	15.53	-	-
6435 (RU26.0)	20.54	18.10	-	-
6475 (RU26.0)	19.83	19.42	-	-
6515 (RU26.8)	16.94	16.42	-	-
6535 (RU26.0)	19.55	19.32	-	-
6695 (RU26.0)	20.19	18.48	-	-
6855 (RU26.8)	18.07	17.50	-	-
6875 (RU26.3)	20.40	20.03	-	-
6875 (RU26.5)	20.58	20.09	-	-
6895 (RU26.0)	20.86	17.03	-	-
6995 (RU26.0)	20.28	18.67	-	-
7095 (RU26.8)	18.99	16.84	-	-

**Table 566 - Unwanted Emissions Within the Band Results**



Test Configuration			
Frequency Range:	5.925 – 7.125 GHz	Band:	U-NII-5, U-NII-6, U-NII-7, U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU52 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)	17.92	17.87	-	-
6175 (RU52.37)	19.59	18.50	-	-
6415 (RU52.40)	18.26	16.93	-	-
6435 (RU52.37)	17.73	16.22	-	-
6475 (RU52.37)	19.93	19.22	-	-
6515 (RU52.40)	19.69	15.35	-	-
6535 (RU52.37)	20.33	17.87	-	-
6695 (RU52.37)	18.44	19.72	-	-
6855 (RU52.40)	19.06	15.77	-	-
6875 (RU52.38)	20.23	20.06	-	-
6875 (RU52.39)	20.30	20.14	-	-
6895 (RU52.37)	19.13	20.18	-	-
6995 (RU52.37)	20.79	18.52	-	-
7095 (RU52.40)	18.87	17.80	-	-

**Table 567 - Unwanted Emissions Within the Band Results**



Test Configuration			
Frequency Range:	5.925 – 7.125 GHz	Band:	U-NII-5, U-NII-6, U-NII-7, U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU106 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

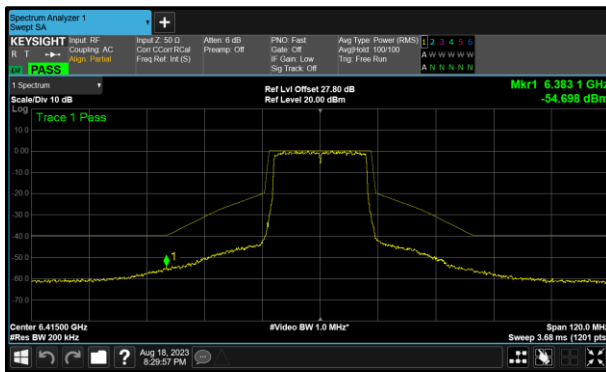
Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU106.53)	2.31	8.90	-	-
6175 (RU106.53)	4.22	5.80	-	-
6415 (RU106.54)	5.62	6.01	-	-
6435 (RU106.53)	5.85	6.46	-	-
6475 (RU106.53)	6.18	6.26	-	-
6515 (RU106.54)	5.91	5.61	-	-
6535 (RU106.53)	5.32	4.83	-	-
6695 (RU106.53)	4.73	4.03	-	-
6855 (RU106.54)	4.83	4.75	-	-
6875 (RU106.53)	4.99	4.99	-	-
6875 (RU106.54)	4.71	4.93	-	-
6895 (RU106.53)	5.72	6.53	-	-
6995 (RU106.53)	5.97	6.12	-	-
7095 (RU106.54)	5.90	6.08	-	-

**Table 568 - Unwanted Emissions Within the Band Results**

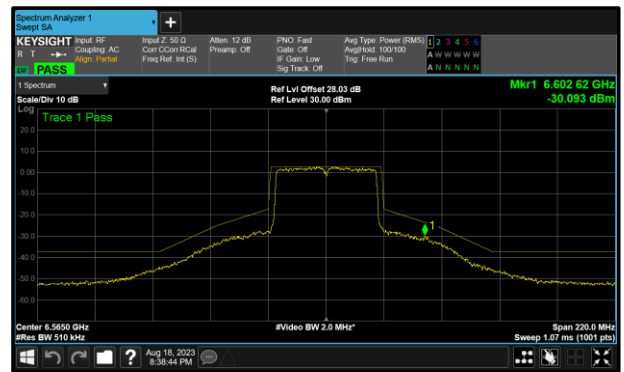


Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU SP	15.00	6383.100
802.11ax HE40 SU SP	6.63	6602.620
802.11ax HE80 SU SP	6.10	6882.440
802.11ax HE160 SU SP	2.14	6880.000

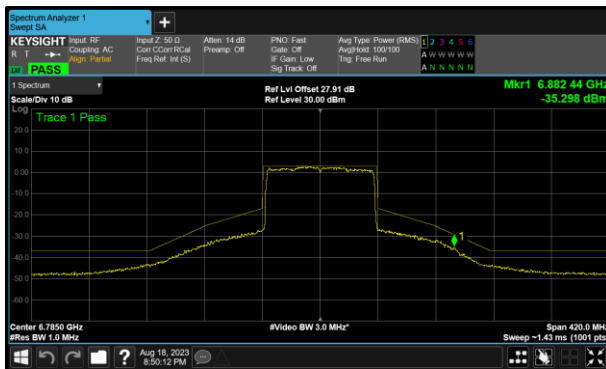
**Table 569 - Unwanted Emissions Within the RLAN Band Summary Results- MIMO SDM SP**



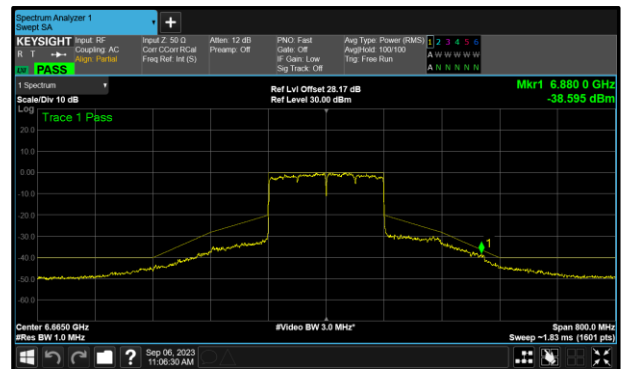
**Figure 203 - B (Core 1) 802.11ax HE20 SU SP  
 6415 MHz (CH93)**



**Figure 204 - A (Core 0) 802.11ax HE40 SU SP  
 6565 MHz (CH123)**



**Figure 205 - B (Core 1) 802.11ax HE80 SU SP  
 6785 MHz (CH167)**

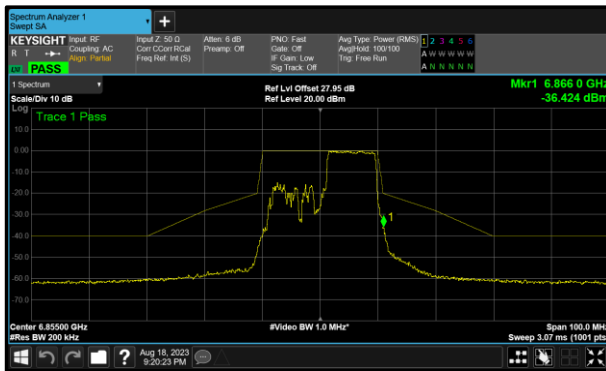


**Figure 206 - B (Core 1) 802.11ax HE160 SU SP  
 6665 MHz (CH143)**

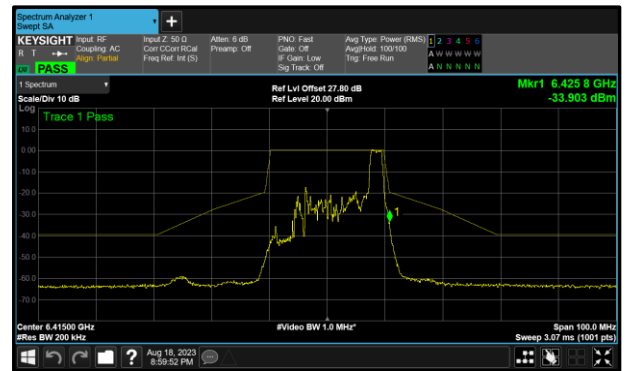


Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 SP	16.29	6866.000
802.11ax HE20 RU26 SP	14.60	6425.800
802.11ax HE20 RU52 SP	15.39	6425.800

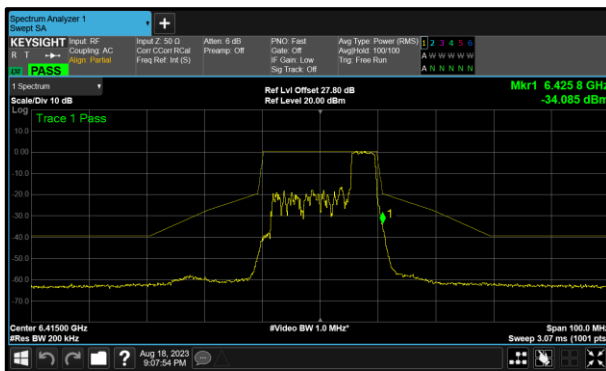
**Table 570 - Unwanted Emissions Within the RLAN Band Summary Results-MIMO SDM RU SP**



**Figure 207 - B (Core 1) 802.11ax HE20 RU106 SP  
 6855 MHz (CH181)**



**Figure 208 - B (Core 1) 802.11ax HE20 RU26 SP  
 6415 MHz (CH93)**



**Figure 209 - B (Core 1) 802.11ax HE20 RU52 SP  
 6415 MHz (CH93)**





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 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	17.61	18.17	-	-
6175	16.01	16.78	-	-
6415	15.19	15.00	-	-
6535	16.49	16.48	-	-
6695	16.29	15.64	-	-
6855	16.19	16.16	-	-

**Table 571 - 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 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	9.87	10.92	-	-
6165	9.11	9.04	-	-
6405	8.41	9.17	-	-
6565	6.63	7.95	-	-
6685	8.24	9.42	-	-
6845	8.25	7.85	-	-

**Table 572 - 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 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	9.16	9.12	-	-
6145	9.45	7.51	-	-
6385	6.14	7.13	-	-
6625	6.23	6.16	-	-
6705	6.80	8.29	-	-
6785	6.80	6.10	-	-

**Table 573 - 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 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	6.33	6.31	-	-
6185	3.16	3.75	-	-
6345	2.73	3.64	-	-
6665	3.18	2.14	-	-

**Table 574 - 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 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)	21.22	18.54	-	-
6175 (RU26.0)	22.61	18.07	-	-
6415 (RU26.8)	18.61	14.60	-	-
6535 (RU26.0)	20.67	18.28	-	-
6695 (RU26.0)	19.45	18.68	-	-
6855 (RU26.8)	18.10	14.74	-	-

**Table 575 - 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 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)	18.66	20.06	-	-
6175 (RU52.37)	18.25	19.89	-	-
6415 (RU52.40)	17.14	15.39	-	-
6535 (RU52.37)	19.91	18.96	-	-
6695 (RU52.37)	20.51	17.35	-	-
6855 (RU52.40)	19.54	16.04	-	-

**Table 576 - 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 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)	20.15	17.44	-	-
6175 (RU106.53)	20.76	16.78	-	-
6415 (RU106.54)	20.82	18.56	-	-
6535 (RU106.53)	20.89	17.00	-	-
6695 (RU106.53)	20.30	17.59	-	-
6855 (RU106.54)	20.69	16.29	-	-

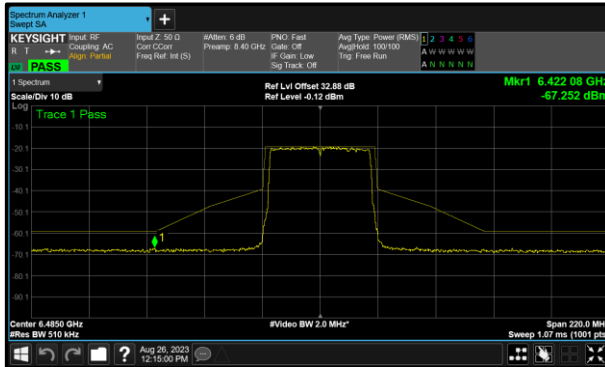
**Table 577 - Unwanted Emissions Within the Band Results**



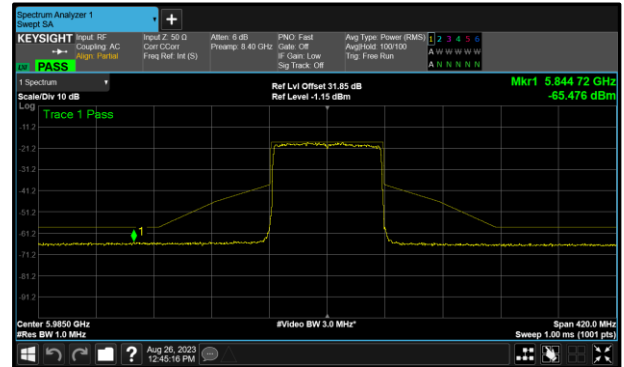
TxBF

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE40 SU LPI	7.85	6422.080
802.11ax HE80 SU LPI	7.18	5844.720

**Table 578 - Unwanted Emissions Within the RLAN Band Summary Results**



**Figure 210 - A (Core 0) 802.11ax HE40 SU LPI  
 6485 MHz (CH107)**



**Figure 211 - A (Core 0) 802.11ax HE80 SU LPI  
 5985 MHz (CH7)**



Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5, U-NII-6, U-NII-7, U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE40 SU 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
6165	9.97	11.71	-	-
6285	9.73	10.57	-	-
6405	8.91	10.15	-	-
6445	8.55	9.81	-	-
6485	7.85	10.00	-	-
6925	8.68	9.38	-	-
7005	9.45	9.37	-	-
7085	9.50	9.74	-	-

**Table 579 - Unwanted Emissions Within the Band Results**



Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5, U-NII-6, U-NII-7, U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE80 SU 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

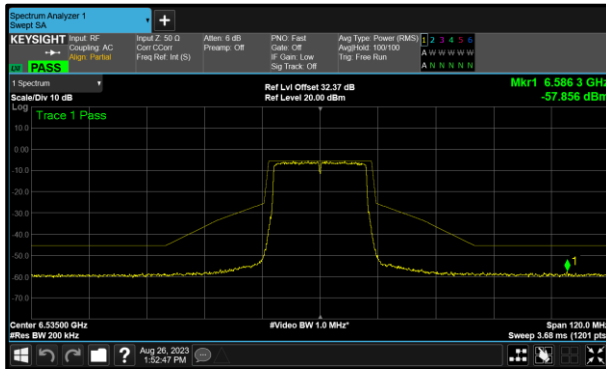
Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5985	7.18	8.26	-	-
6145	10.30	9.88	-	-
6385	10.21	9.03	-	-
6465	9.31	8.65	-	-
6545	9.13	8.21	-	-
6625	9.36	7.89	-	-
6705	9.80	9.34	-	-
6785	9.23	8.93	-	-
6865	9.19	7.99	-	-
6945	9.97	9.65	-	-
7025	10.17	9.64	-	-

**Table 580 - Unwanted Emissions Within the Band Results**

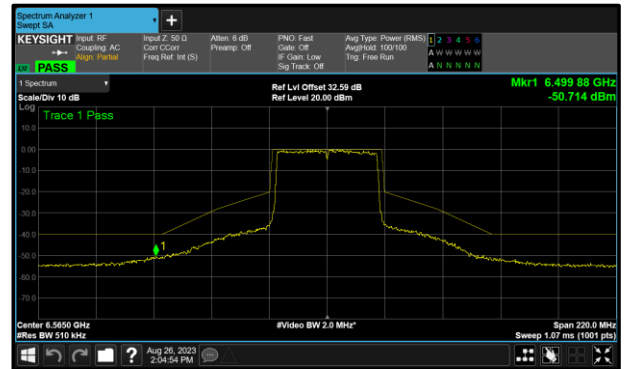


Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU SP	12.36	6586.300
802.11ax HE40 SU SP	10.61	6499.880
802.11ax HE80 SU SP	7.18	6259.000

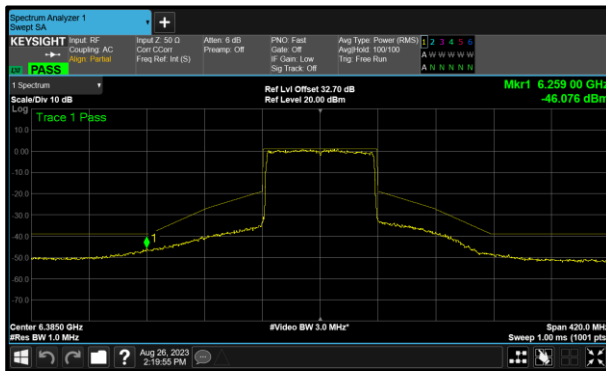
**Table 581 - Unwanted Emissions Within the RLAN Band Summary Results**



**Figure 212 - B (Core 1) 802.11ax HE20 SU SP  
 6535 MHz (CH117)**



**Figure 213 - A (Core 0) 802.11ax HE40 SU SP  
 6565 MHz (CH123)**



**Figure 214 - 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	14.39	13.47	-	-
6175	14.69	14.13	-	-
6415	14.60	13.93	-	-
6535	13.42	12.36	-	-
6695	14.43	13.28	-	-
6855	13.90	12.89	-	-

**Table 582 - 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	13.45	13.40	-	-
6165	11.22	12.30	-	-
6405	10.70	12.07	-	-
6565	10.61	12.10	-	-
6685	11.34	12.36	-	-
6845	11.25	12.32	-	-

**Table 583 - 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	9.76	9.62	-	-
6145	8.01	9.67	-	-
6385	7.18	9.18	-	-
6625	7.90	9.15	-	-
6705	9.11	9.05	-	-
6785	9.73	9.78	-	-

**Table 584 - 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.



### 2.6.7 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
Hygrometer	Rotronic	I-1000	3068	12	21-Sep-2023
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
Network Analyser	Keysight Technologies	E5063A	5018	12	29-Sep-2023
Cable (18 GHz)	Rosenberger	LU7-071-1000	5100	12	23-Oct-2023
Electronic Calibration Module	Keysight Technologies	85093C	5188	12	09-Sep-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
Vector Signal Generator	Rohde & Schwarz	SMM100A	5915	36	01-Mar-2026
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/B	6019	12	05-Jun-2024
Digital Multimeter	Fluke	115	6145	12	15-Jun-2024
Coaxial Fixed Attenuator DC-18GHz 5W 10dB	RF-Lambda	RFS5G18B10SMP	6176	12	19-Jul-2024
MXA Signal Analyser	Keysight Technologies	N9020B	6417	24	26-Feb-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6426	12	09-Apr-2024
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6518	12	26-May-2024
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6519	12	17-May-2024
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6520	12	10-Aug-2024
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6521	12	10-Aug-2024
SCU Cable Assembly SCU	TUV SUD	SPECTRUM_SCU_CA	6526	12	23-May-2024
SCU Cable Assembly SCU	TUV SUD	SPECTRUM_SCU_CA	6527	12	23-May-2024
AC Programmable Power Supply	iTech	IT7324	6662	-	O/P Mon

**Table 585**

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**

A2992, S/N: JNWG0WYT4M - Modification State 0

### **2.7.3 Date of Test**

10-August-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 ( $\ll -62$  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

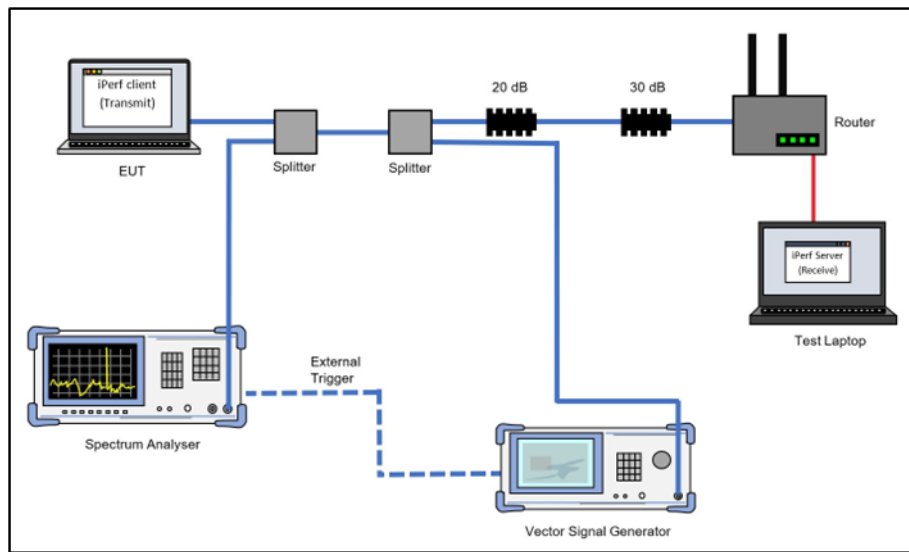


Figure 215 - Test Equipment Setup Diagram

### 2.7.6 Environmental Conditions

Ambient Temperature	22.9 °C
Relative Humidity	37.5 %



## 2.7.7 Test Results

### 6 GHz WLAN

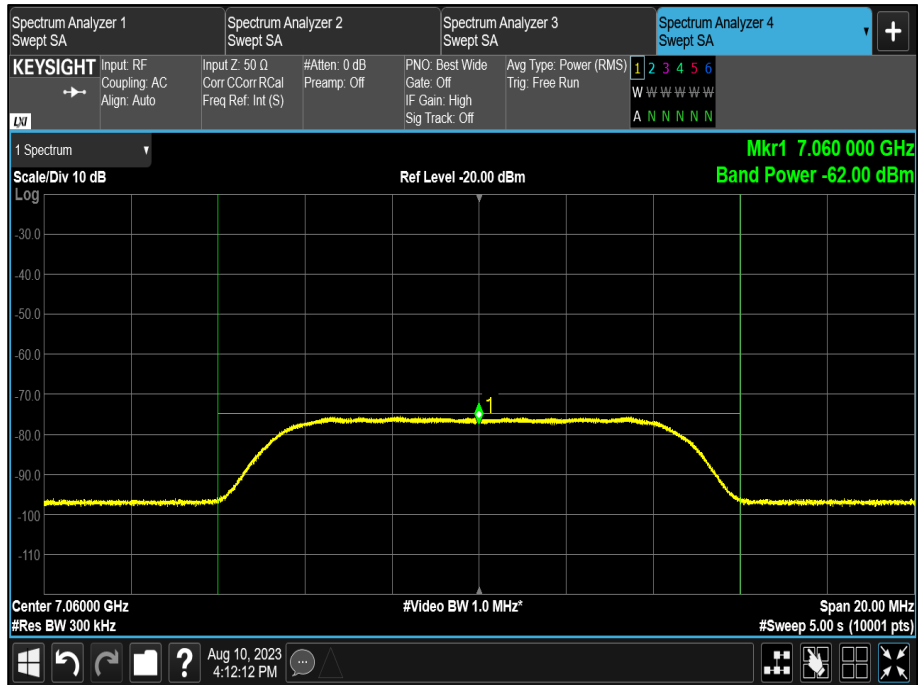
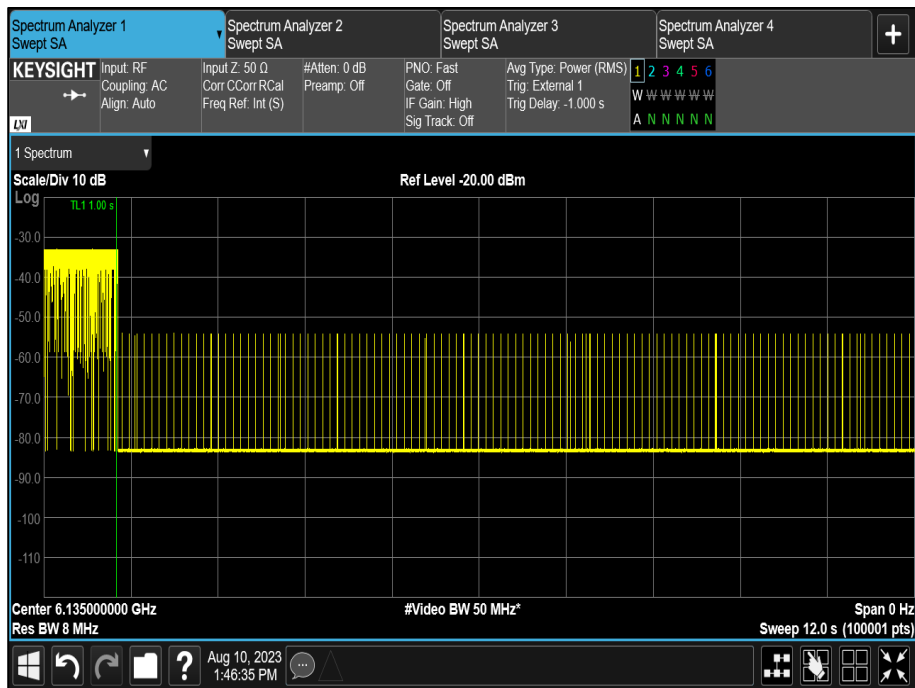


Figure 216 - Example of AWGN Signal



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)	-74.86	-72.92	-72.33
Antenna Gain (dBi)	3.30	3.30	3.30
Adjusted Power (dBm)	-78.16	-76.22	-75.63
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

**Table 586 - U-NII-5, Minimum Bandwidth**

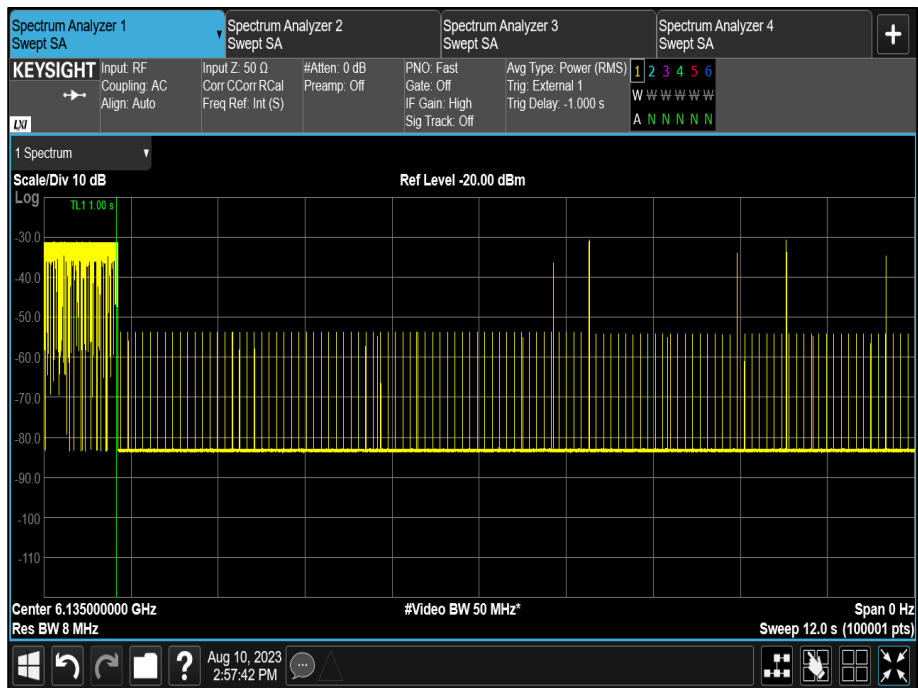


**Figure 217 - U-NII-5, Minimum Bandwidth**



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)	-69.04	-68.08	-67.26
Antenna Gain (dBi)	3.30	3.30	3.30
Adjusted Power (dBm)	-72.34	-71.38	-70.56
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

**Table 587 - U-NII-5, Maximum Bandwidth (AWGN Low)**



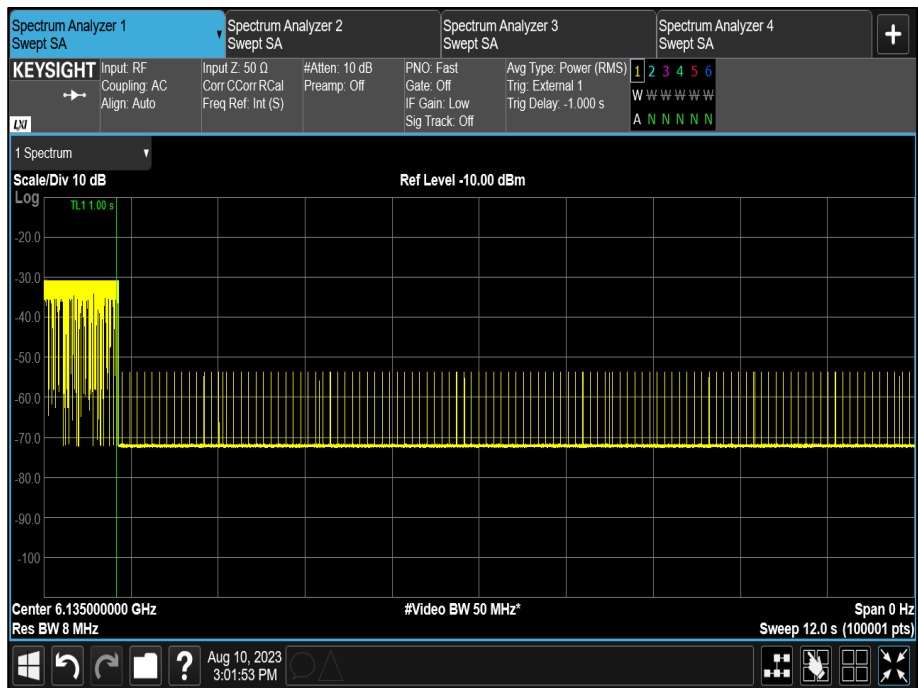
**Figure 218 - U-NII-5, Minimum Bandwidth (AWGN Low)**





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)	-72.67	-71.21	-69.87
Antenna Gain (dBi)	3.30	3.30	3.30
Adjusted Power (dBm)	-75.97	-74.51	-73.17
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

**Table 588 - U-NII-5, Maximum Bandwidth (AWGN Mid)**

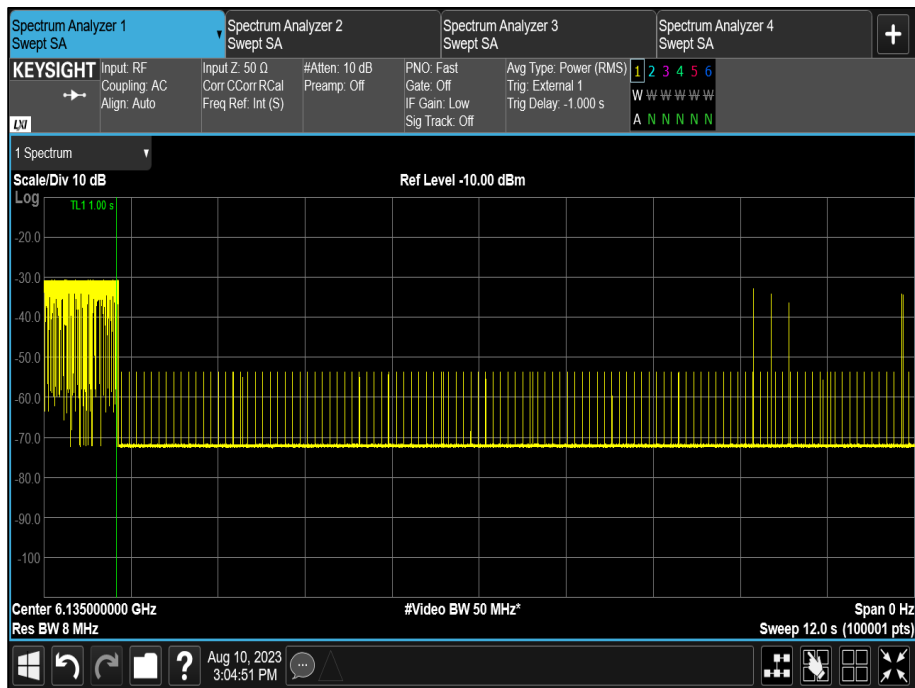


**Figure 219 - U-NII-5, Minimum Bandwidth (AWGN Mid)**



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)	6430	6430	6430
AWGN Signal Power (dBm)	-65.39	-64.61	-64.01
Antenna Gain (dBi)	3.30	3.30	3.30
Adjusted Power (dBm)	-68.69	-67.91	-67.31
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

**Table 589 - U-NII-5, Maximum Bandwidth (AWGN High)**

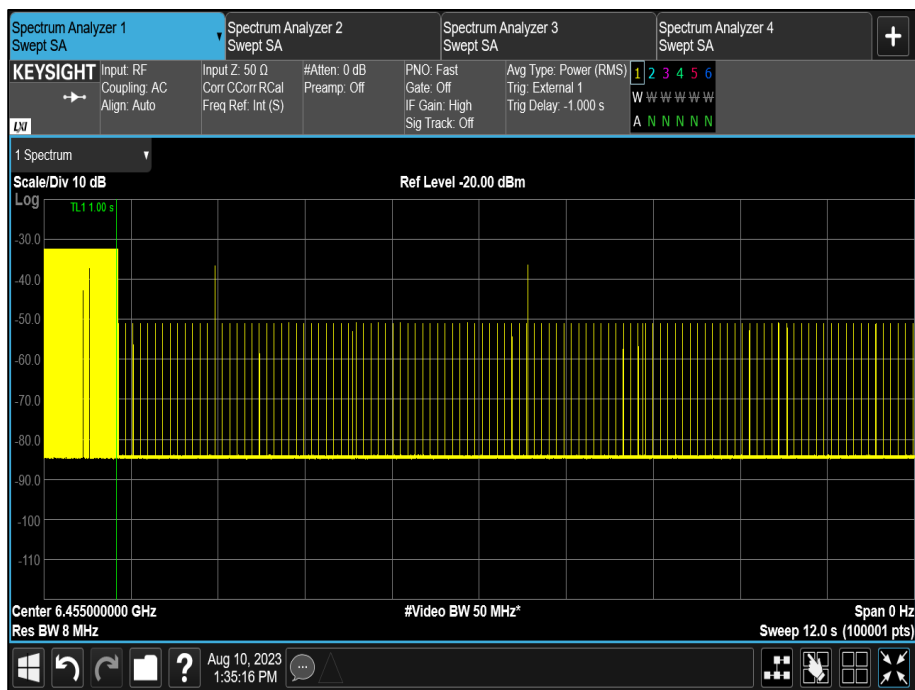


**Figure 220 - U-NII-5, Minimum Bandwidth (AWGN High)**



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)	-75.36	-74.24	-73.10
Antenna Gain (dBi)	2.60	2.60	2.60
Adjusted Power (dBm)	-77.96	-76.84	-75.70
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

**Table 590 - U-NII-6, Minimum Bandwidth**

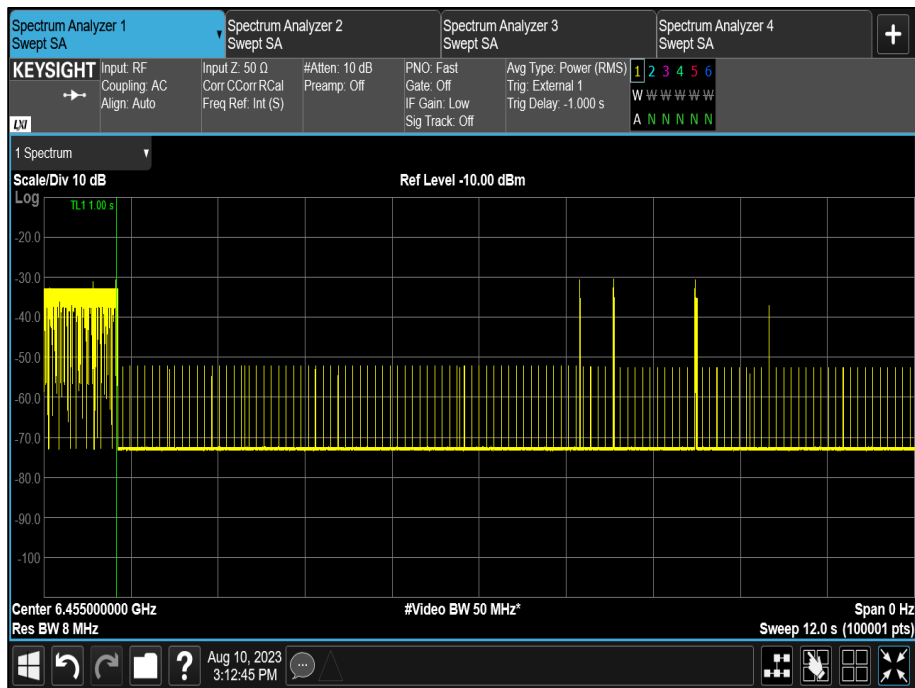


**Figure 221 - U-NII-6, Minimum Bandwidth**



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)	-68.67	-68.19	-67.60
Antenna Gain (dBi)	2.60	2.60	2.60
Adjusted Power (dBm)	-71.27	-70.79	-70.20
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

**Table 591 - U-NII-6, Maximum Bandwidth (AWGN Low)**



**Figure 222 - 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)	-71.86	-70.78	-69.60
Antenna Gain (dBi)	2.60	2.60	2.60
Adjusted Power (dBm)	-74.46	-73.38	-72.20
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 592 - U-NII-6, Maximum Bandwidth (AWGN Mid)

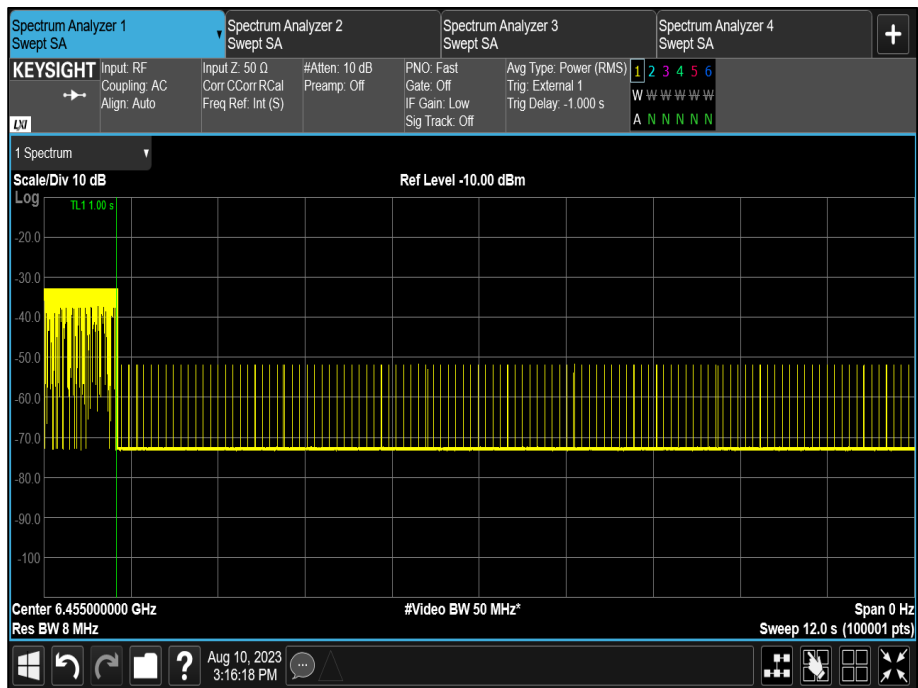
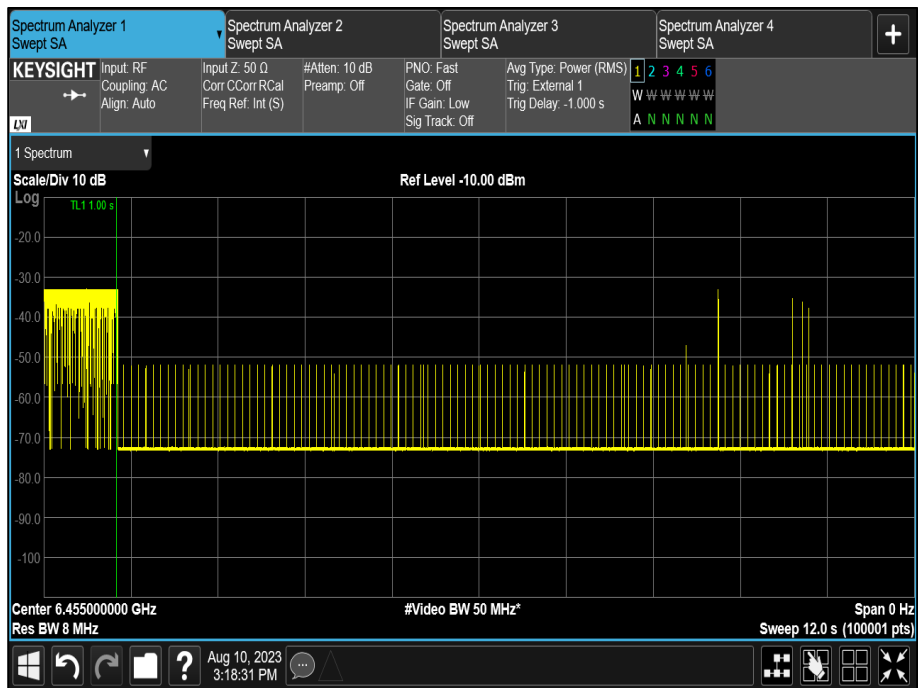


Figure 223 - U-NII-6, Minimum Bandwidth (AWGN Mid)



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)	-65.39	-64.08	-63.90
Antenna Gain (dBi)	2.60	2.60	2.60
Adjusted Power (dBm)	-67.99	-66.68	-66.50
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

**Table 593 - U-NII-6, Maximum Bandwidth (AWGN High)**



**Figure 224 - 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)	-74.31	-73.23	-72.55
Antenna Gain (dBi)	3.70	3.70	3.70
Adjusted Power (dBm)	-78.01	-76.93	-76.25
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 594 - U-NII-7, Minimum Bandwidth

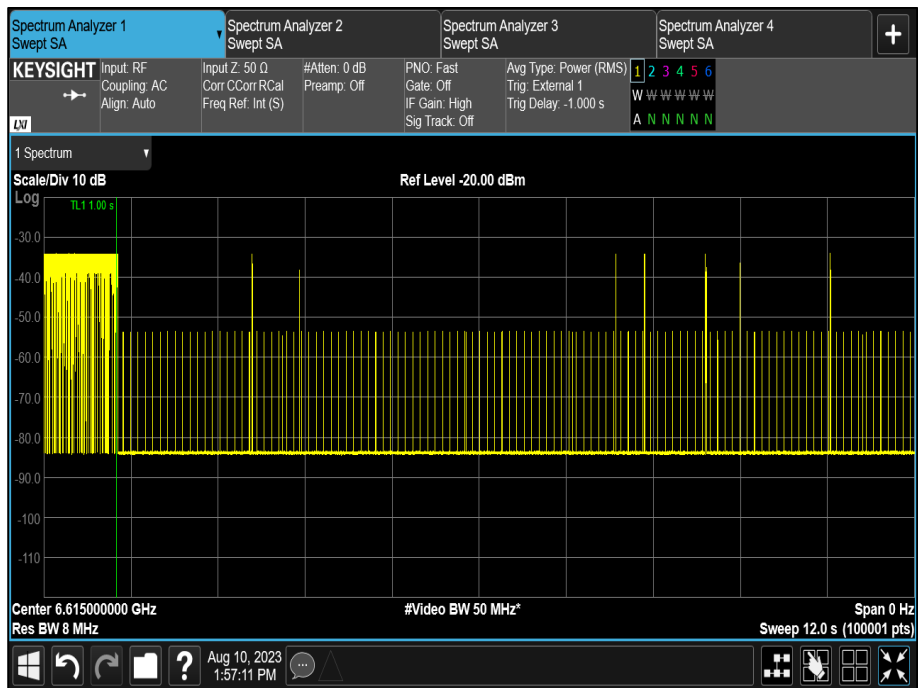


Figure 225 - U-NII-7, Minimum Bandwidth



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)	-66.93	-65.47	-64.89
Antenna Gain (dBi)	3.70	3.70	3.70
Adjusted Power (dBm)	-70.63	-69.17	-68.59
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 595 - U-NII-7, Maximum Bandwidth (AWGN Low)



Figure 226 - 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)	-71.56	-70.16	-69.13
Antenna Gain (dBi)	3.70	3.70	3.70
Adjusted Power (dBm)	-75.26	-73.86	-72.83
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 596 - U-NII-7, Maximum Bandwidth (AWGN Mid)

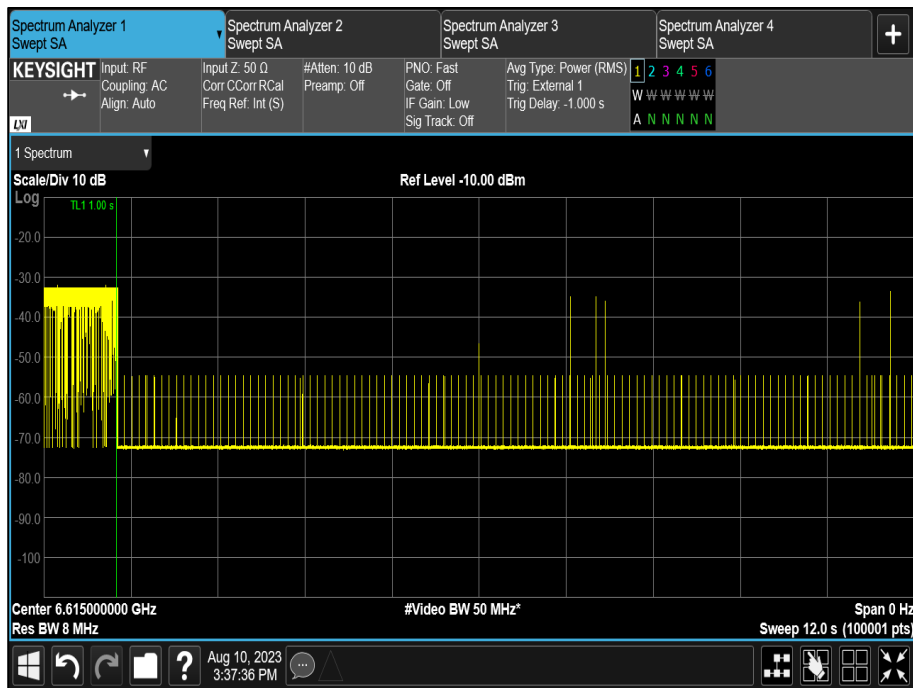


Figure 227 - U-NII-7, Minimum Bandwidth (AWGN Mid)



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)	-64.26	-61.53	-60.93
Antenna Gain (dBi)	3.70	3.70	3.70
Adjusted Power (dBm)	-67.96	-65.23	-64.63
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

**Table 597 - U-NII-7, Maximum Bandwidth (AWGN High)**



**Figure 228 - 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)	-75.66	-74.34	-73.66
Antenna Gain (dBi)	1.50	1.50	1.50
Adjusted Power (dBm)	-77.16	-75.84	-75.16
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

**Table 598 - U-NII-8, Minimum Bandwidth**

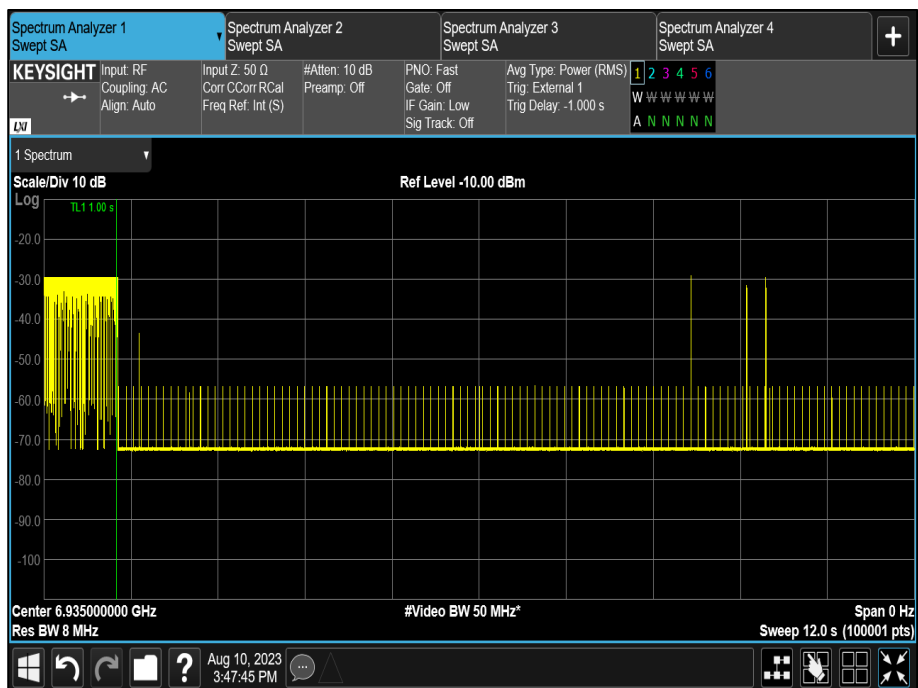


**Figure 229 - U-NII-8, Minimum Bandwidth**



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)	-68.10	-65.78	-65.58
Antenna Gain (dBi)	1.50	1.50	1.50
Adjusted Power (dBm)	-69.60	-67.28	-67.08
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

**Table 599 - U-NII-8, Maximum Bandwidth (AWGN Low)**



**Figure 230 - 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)	-69.85	-69.01	-68.61
Antenna Gain (dBi)	1.50	1.50	1.50
Adjusted Power (dBm)	-71.35	-70.51	-70.11
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

**Table 600 - U-NII-8, Maximum Bandwidth (AWGN Mid)**

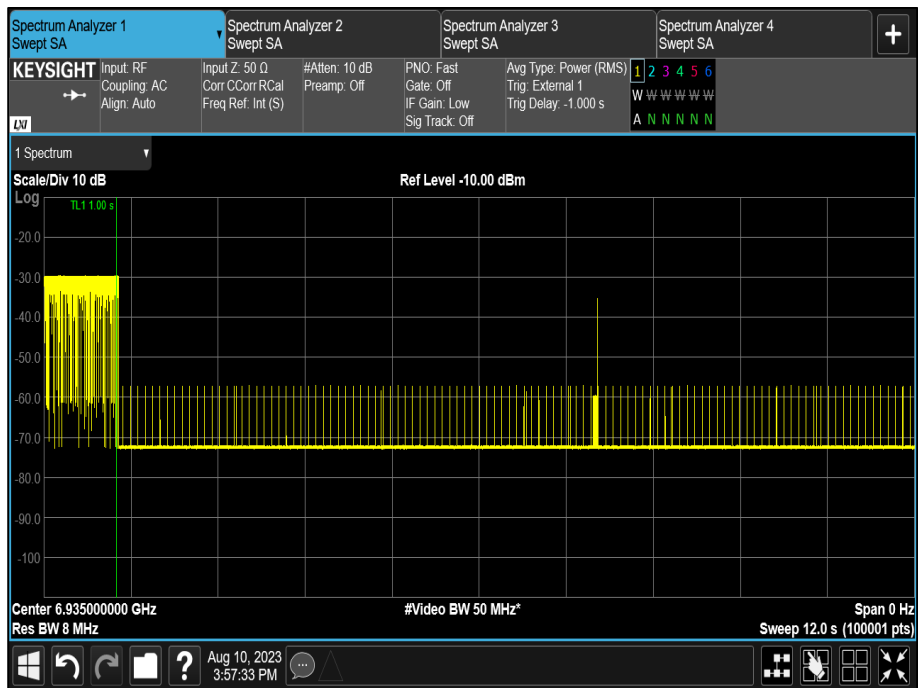


**Figure 231 - U-NII-8, Minimum Bandwidth (AWGN Mid)**



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)	-63.00	-61.47	-61.18
Antenna Gain (dBi)	1.50	1.50	1.50
Adjusted Power (dBm)	-64.50	-62.97	-62.68
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

**Table 601 - U-NII-8, Maximum Bandwidth (AWGN High)**



**Figure 232 - 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 RLAN devices shall utilize a contention-based protocol to detect the presence of any emissions on the channel that the RLAN device intends to occupy. The RLAN device must detect within its entire occupied bandwidth a radio frequency power of –62 dBm or lower. The minimum detection threshold power is the received power averaged over a 1microsecond reference to a 0 dBi antenna.

If an emission is detected, the RLAN device shall vacate the occupied channel and shall not transmit on this channel until the detected radio frequency power is equal to or greater than 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
Attenuator (20dB, 1W)	Seaelectro	60-674-1020-89	1520	-	O/P Mon
Cable (40 GHz)	Rosenberger	LU1-001-500	5021	12	29-Jan-2024
Attenuator 2W 10dB DC-10GHz	Telegartner	J01156A0031	5577	-	O/P Mon
Thermo-Hygro-Barometer	PCE Instruments	PCE-THB 40	5605	12	06-Oct-2023
2-Way Power Divider (2 to 8 GHz)	Aaren	AT30A-TE0208-2-AF	5684	12	21-Dec-2023
2-Way Power Divider (2-8 GHz)	Aaren	AT30A-TE0208-2-AF	5687	12	23-Feb-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	5936	12	21-May-2024
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

**Table 602**

TU - Traceability Unscheduled

O/P Mon - Output Monitored using calibrated equipment





### 3 Measurement Uncertainty

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

Test Name	Measurement Uncertainty
Emission Bandwidth	± 3.913 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 603**

#### 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.