Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5428.339	35.54	54.00	-18.46	RMS	188	344	Horizontal
5432.965	34.79	54.00	-19.21	RMS	306	109	Vertical
7271.939	39.79	54.00	-14.21	RMS	252	236	Horizontal
7608.261	38.94	54.00	-15.06	RMS	31	257	Vertical

Table 681 - U-NII-8 - 6895 MHz (CH189), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

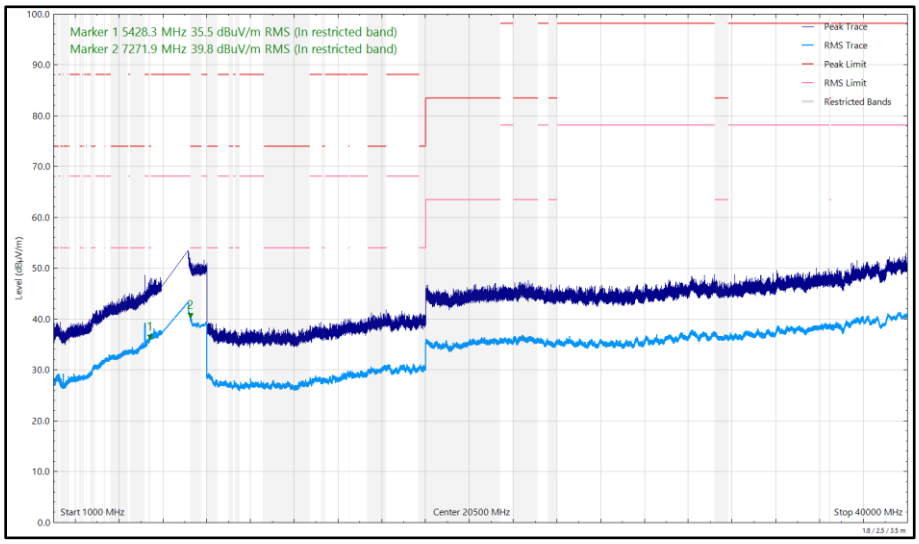

Figure 287 - U-NII-8 - 6895 MHz (CH189), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

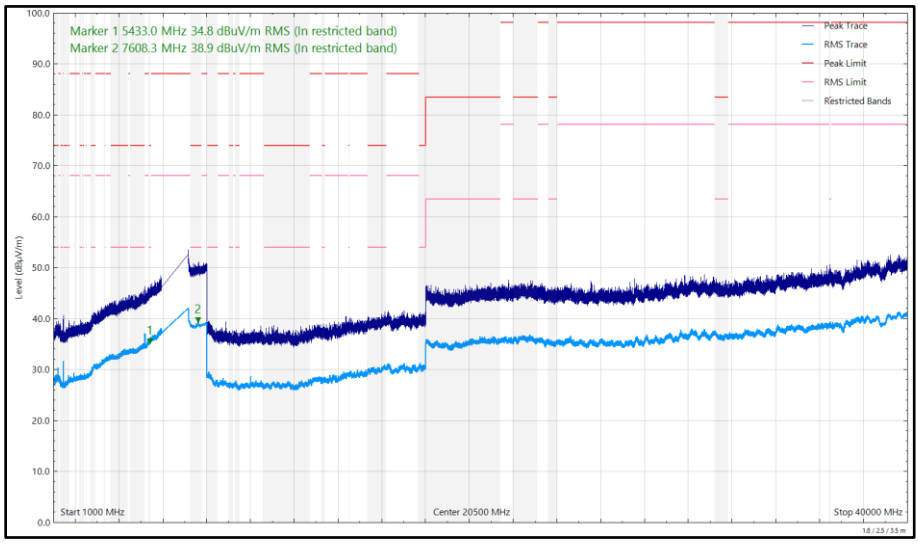

Figure 288 - U-NII-8 - 6895 MHz (CH189), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5422.086	35.12	54.00	-18.88	RMS	175	114	Vertical
5433.429	35.83	54.00	-18.17	RMS	196	116	Horizontal
7253.566	39.98	54.00	-14.02	RMS	257	100	Horizontal
7253.997	38.99	54.00	-15.01	RMS	14	113	Vertical

Table 682 - U-NII-8 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 10 dB of the limit.

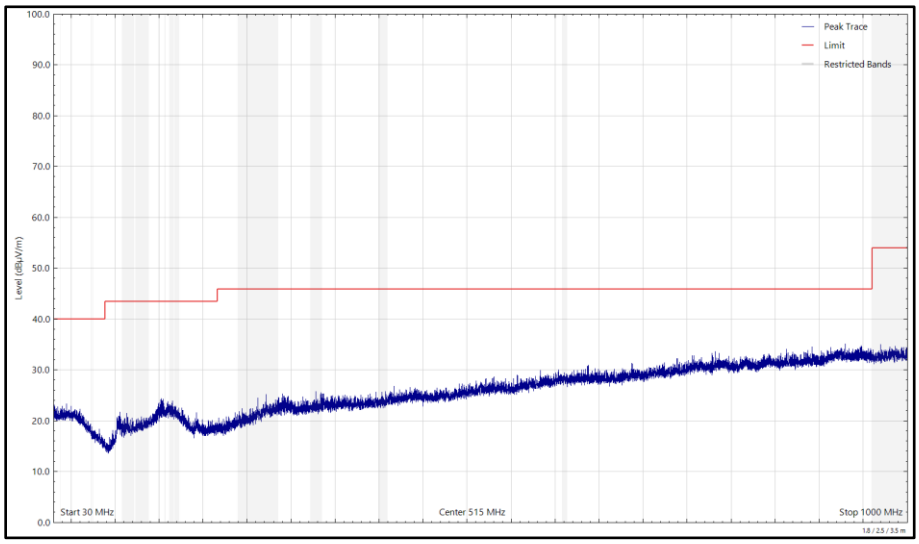

Figure 289 - U-NII-8 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

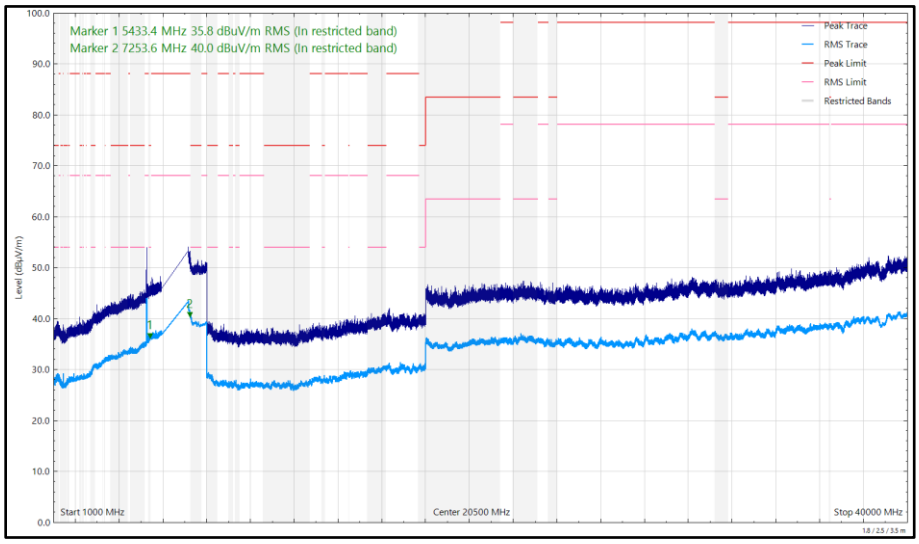

Figure 290 - U-NII-8 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

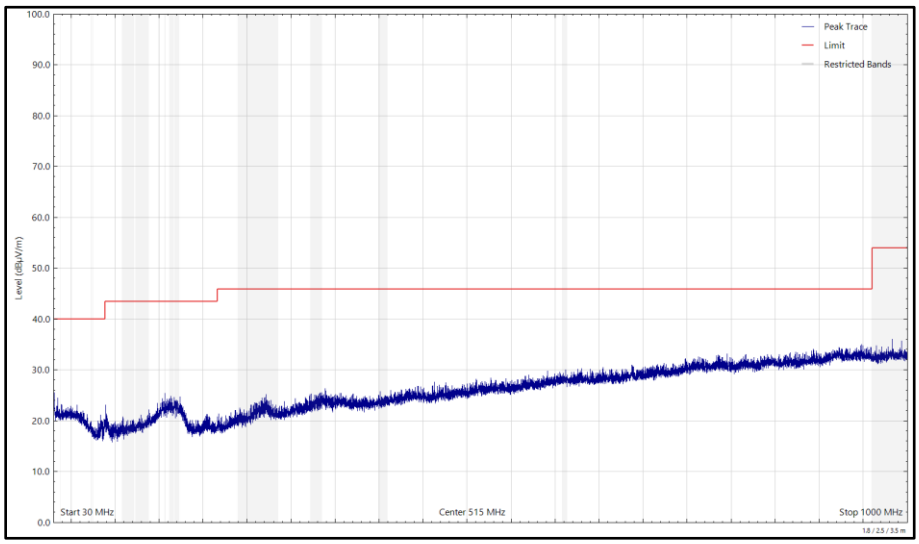

Figure 291 - U-NII-8 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

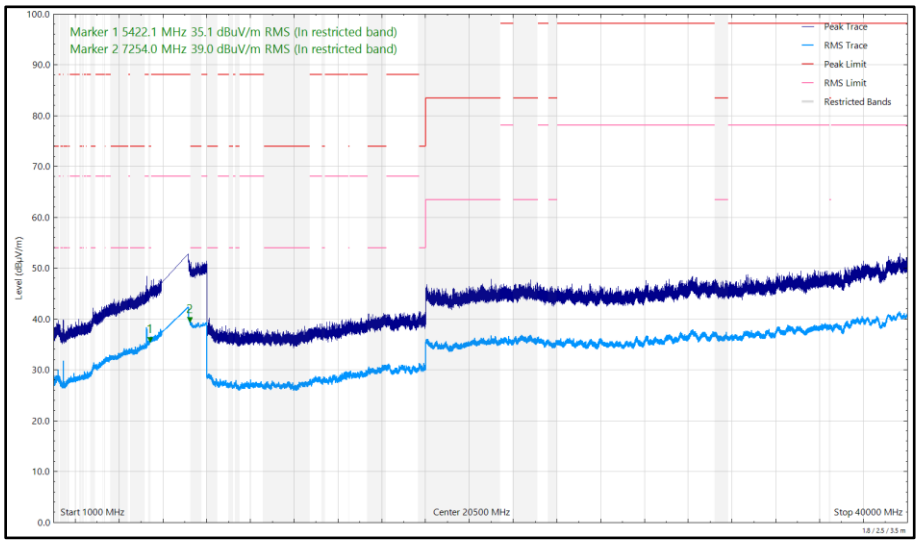

Figure 292 - U-NII-8 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5431.482	35.15	54.00	-18.85	RMS	24	102	Vertical
5443.699	35.78	54.00	-18.22	RMS	194	275	Horizontal
7155.007	49.37	68.20	-18.83	RMS	41	185	Vertical
7155.084	52.20	68.20	-16.00	RMS	225	274	Horizontal
7157.122	71.98	88.20	-16.22	Peak	224	191	Horizontal
7251.032	41.36	54.00	-12.64	RMS	228	245	Horizontal
7275.643	40.20	54.00	-13.80	RMS	34	163	Vertical

Table 683 - U-NII-8 - 7115 MHz (CH233), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

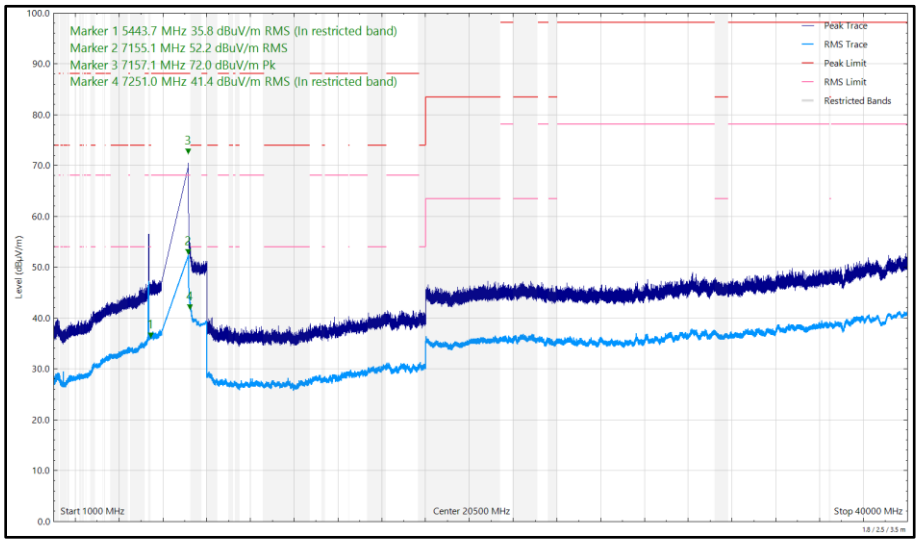

Figure 293 - U-NII-8 - 7115 MHz (CH233), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

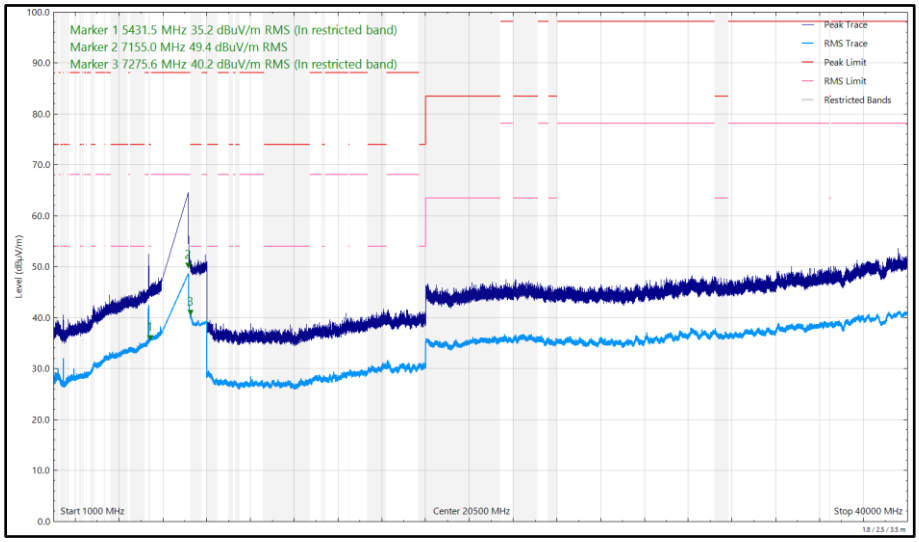

Figure 294 - U-NII-8 - 7115 MHz (CH233), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

FCC 47 CFR Part 15, Limit Clause 15.407(b)(5) and 15.209

Emissions not falling within the restricted bands listed in 15.205:

For transmitters operating within the 5.925–7.125 GHz band: Any emissions outside of the 5.925–7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz.

Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in 15.209.

Emissions within the restricted bands listed in FCC 47 CFR Part 15.205:

Frequency (MHz)	Field Strength (µV/m) at 3m	Field Strength Limit (dBµV/m) at 3m
30 to 88	100	40.00
88 to 216	150	43.52
216 to 960	200	46.02
Above 960	500	53.98

Table 684 - Radiated Emissions Limit Table (FCC)

ISED RSS-248, Limit Clause 4.6.2(a) and ISED RSS-GEN, Limit Clause 8.9

Emissions not falling within the restricted bands listed in ISED RSS-GEN, Clause 8.10:

Any emissions outside of the 5925-7125 MHz band shall not exceed –27 dBm/MHz e.i.r.p.

Any emissions below 1000 MHz shall meet the general field strength limits specified in RSS-Gen

Emissions falling within the restricted bands listed in ISED RSS-GEN, Clause 8.10:

Frequency (MHz)	Field Strength (µV/m) at 3m	Field Strength Limit (dBµV/m) at 3m
30 to 88	100	40.00
88 to 216	150	43.52
216 to 960	200	46.02
Above 960	500	53.98

Table 685 - Radiated Emissions Limit Table (ISED)

2.7.8 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
Emissions Software	TUV SUD	EmX V3.2.0	5125	-	Software
DRG Horn Antenna (7.5-18GHz)	Schwarzbeck	HWRD750	5939	12	05-May-2025
1500W (300V 12A) AC Power Supply	iTech	IT7324	5956	-	O/P Mon
SAC Switch Unit	TUV SUD	TUV_SSU_001	6144	12	11-Dec-2024
Digital Multimeter	Fluke	115	6145	12	15-Jun-2024*
Digital Multimeter	Fluke	115	6145	12	06-Jun-2025*
Humidity & Temperature meter	R.S Components	1364	6149	12	07-Jul-2024
Attenuator 4dB	Pasternack	PE7074-4	6201	24	24-May-2026
Cable (SMA to SMA 8m)	Junkosha	MWX221-08000AMSAMS/B	6318	12	18-Feb-2025
EMC Test Receiver	Rohde & Schwarz	ESW44	6333	12	16-Feb-2025
Trilog Super Broadband Test Antenna	Schwarzbeck	VULB 9168	6456	24	10-Feb-2025
Horn Antenna	Schwarzbeck	BBHA 9120 B	6457	12	05-May-2025
3m Semi-Anechoic Chamber, Chamber18	Albatross Projects	Chamber 18	6597	24	22-Feb-2026
Coax cable sma to sma with N-Type adapter	TUV SUD	N/A	6637	12	24-Jul-2024
2m Cable	Junkosha	MWX241-02000KMSKMS/B	6742	12	01-Feb-2025
Double Ridge Active Horn Antenna (18-40 GHz	Com-Power	AHA-840	6771	24	17-Jan-2025
Pre Amp 8 - 18 GHz	Wright Technologies	APS06-0061	6783	12	23-Apr-2025
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	6795	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	6796	-	TU
Turntable	Maturo Gmbh	TT1.5SI	6797	-	TU

Table 686

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

*NOTE: Only used within calibration period.

2.8 Unwanted Emissions within the 5925-7125 MHz band

2.8.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (b)
ISED RSS-248, Clause 4.6
ISED RSS-GEN, Clause 6.13

2.8.2 Equipment Under Test and Modification State

A3247, S/N: CFK34L4W7N - Modification State 0
A3247, S/N: CMVW5QCY3C - Modification State 0
A3247, S/N: F9YKG45WN3 - Modification State 0

2.8.3 Date of Test

20-June-2024 to 31-October-2024

2.8.4 Test Method

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

2.8.5 Environmental Conditions

Ambient Temperature	20.7 - 26.2 °C
Relative Humidity	43.6 - 57.0 %

2.8.6 Test Results

6 GHz WLAN

SISO

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11a LPI	8.24	6435.700
802.11ax HE20 SU LPI	7.15	5964.700
802.11ax HE40 SU LPI	3.95	5969.130
802.11ax HE80 SU LPI	4.16	6705.500
802.11ax HE160 SU LPI	8.23	6265.000

Table 687 - Unwanted Emissions Within the RLAN Band Summary Results

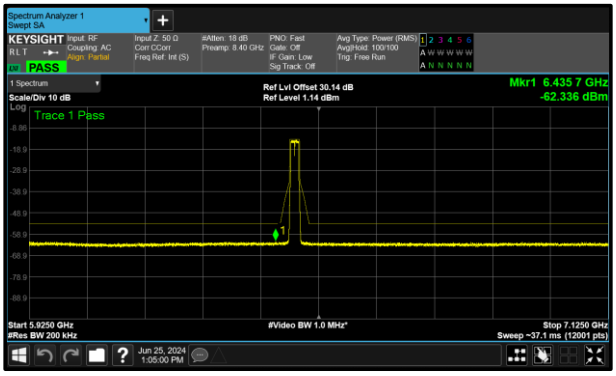

Figure 295 - A (Core 0) 802.11a LPI 6475 MHz (CH105)

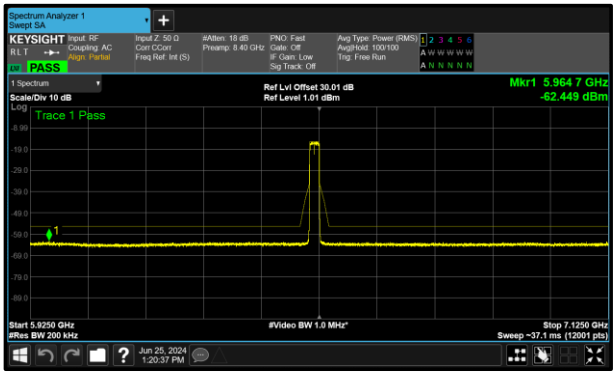

Figure 296 - A (Core 0) 802.11ax HE20 SU LPI 6515 MHz (CH113)

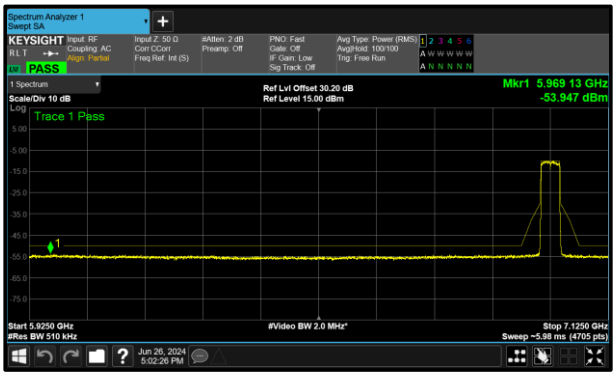

Figure 297 - B (Core 1) 802.11ax HE40 SU LPI 7005 MHz (CH211)

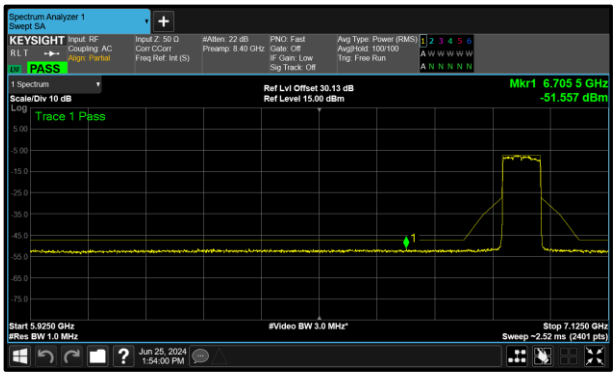

Figure 298 - B (Core 1) 802.11ax HE80 SU LPI 6945 MHz (CH199)

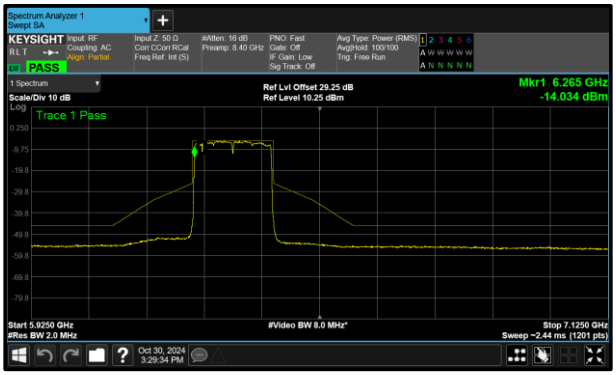

Figure 299 – B (Core 1) 802.11ax HE160 SU LPI 6345 MHz (CH79)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 LPI	9.44	6389.600
802.11ax HE20 RU26 LPI	15.23	5978.700
802.11ax HE20 RU52 LPI	9.45	6933.300

Table 688 - Unwanted Emissions Within the RLAN Band Summary Results

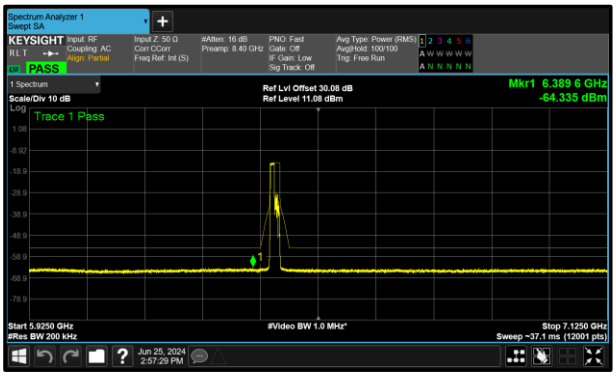

Figure 300 - A (Core 0) 802.11ax HE20 RU106 LPI 6435 MHz (CH97)

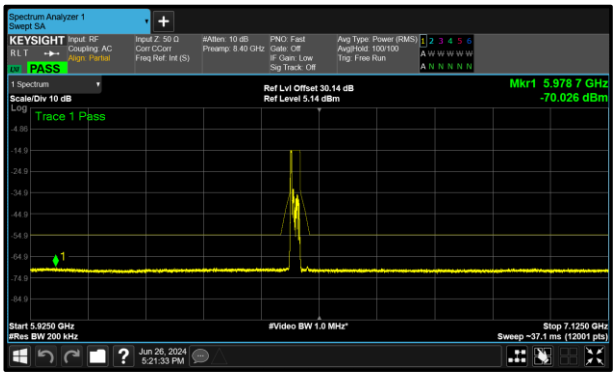

Figure 301 - A (Core 0) 802.11ax HE20 RU26 LPI 6475 MHz (CH105)

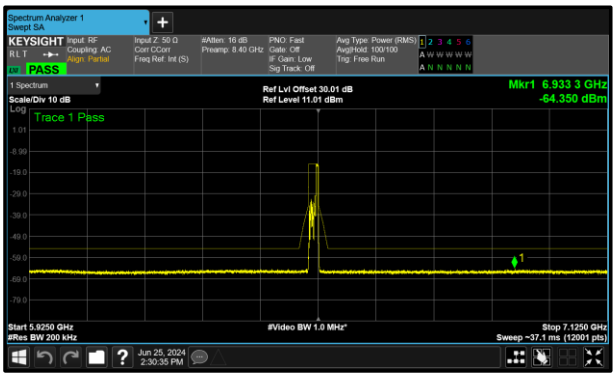

Figure 302 - A (Core 0) 802.11ax HE20 RU52 LPI 6515 MHz (CH113)

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

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	-	12.13	-	-
6175	-	11.94	-	-
6415	-	10.45	-	-
6435	9.99	-	-	-
6475	8.24	-	-	-
6515	9.71	-	-	-
6535	-	10.64	-	-
6695	-	11.44	-	-
6855	-	10.59	-	-
6875	-	10.35	-	-
6895	-	10.38	-	-
6995	-	8.86	-	-
7115	-	8.83	-	-

Table 689 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5-8
Limit Clause(s):	15.407(b)(7)	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:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0) | B (Core 1)	Active Chain Id(s):	0 | 1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	-	11.55	-	-
6175	-	9.44	-	-
6415	-	10.58	-	-
6435	7.59	-	-	-
6475	7.48	-	-	-
6515	7.15	-	-	-
6535	-	9.87	-	-
6695	-	10.25	-	-
6855	-	9.94	-	-
6875	-	9.84	-	-
6895	-	9.86	-	-
6995	-	8.25	-	-
7095	-	10.21	-	-

Table 690 - Unwanted Emissions Within the Band Results

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

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5965	-	10.98	-	-
6165	-	10.27	-	-
6405	-	9.78	-	-
6445	8.55	-	-	-
6485	8.93	-	-	-
6525	9.25	-	-	-
6565	-	9.76	-	-
6685	-	10.32	-	-
6845	-	9.89	-	-
6885	-	9.26	-	-
6925	-	9.61	-	-
7005	-	3.95	-	-
7085	-	9.98	-	-

Table 691 - Unwanted Emissions Within the Band Results

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

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5985	-	9.01	-	-
6145	-	10.04	-	-
6385	-	8.82	-	-
6465	9.19	-	-	-
6545	9.81	-	-	-
6625	-	8.40	-	-
6705	-	8.39	-	-
6785	-	8.65	-	-
6865	-	9.31	-	-
6945	-	4.16	-	-
7025	-	4.39	-	-

Table 692 - Unwanted Emissions Within the Band Results

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

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6025	-	8.68	-	-
6185	-	9.13	-	-
6345	-	8.23	-	-
6505	8.64	-	-	-
6665	-	8.68	-	-
6825	-	8.59	-	-
6985	-	8.30	-	-

Table 693 - Unwanted Emissions Within the Band Results

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

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU26.0)	-	17.52	-	-
6175 (RU26.0)	-	16.80	-	-
6415 (RU26.8)	-	15.99	-	-
6435 (RU26.0)	15.38	-	-	-
6475 (RU26.0)	15.23	-	-	-
6515 (RU26.8)	15.57	-	-	-
6535 (RU26.0)	-	16.15	-	-
6695 (RU26.0)	-	16.33	-	-
6855 (RU26.8)	-	15.96	-	-
6875 (RU26.3)	-	15.75	-	-
6875 (RU26.5)	-	20.12	-	-
6895 (RU26.0)	-	15.51	-	-
6995 (RU26.0)	-	16.01	-	-
7095 (RU26.8)	-	16.00	-	-

Table 694 - Unwanted Emissions Within the Band Results

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

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU52.37)	-	11.88	-	-
6175 (RU52.37)	-	11.11	-	-
6415 (RU52.40)	-	9.58	-	-
6435 (RU52.37)	9.82	-	-	-
6475 (RU52.37)	9.55	-	-	-
6515 (RU52.40)	9.45	-	-	-
6535 (RU52.37)	-	10.52	-	-
6695 (RU52.37)	-	10.87	-	-
6855 (RU52.40)	-	10.36	-	-
6875 (RU52.38)	-	10.16	-	-
6875 (RU52.39)	-	10.10	-	-
6895 (RU52.37)	-	10.03	-	-
6995 (RU52.37)	-	10.42	-	-
7095 (RU52.40)	-	10.61	-	-

Table 695 - Unwanted Emissions Within the Band Results

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

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU106.53)	-	12.01	-	-
6175 (RU106.53)	-	11.67	-	-
6415 (RU106.54)	-	9.83	-	-
6435 (RU106.53)	9.44	-	-	-
6475 (RU106.53)	9.46	-	-	-
6515 (RU106.54)	9.75	-	-	-
6535 (RU106.53)	-	10.63	-	-
6695 (RU106.53)	-	10.59	-	-
6855 (RU106.54)	-	10.30	-	-
6875 (RU106.53)	-	10.00	-	-
6875 (RU106.54)	-	10.42	-	-
6895 (RU106.53)	-	10.35	-	-
6995 (RU106.53)	-	10.72	-	-
7095 (RU106.54)	-	10.67	-	-

Table 696 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11a SP	7.63	6840.600
802.11ax HE20 SU SP	5.89	6395.900
802.11ax HE40 SU SP	5.61	6438.776
802.11ax HE80 SU SP	4.25	6798.000
802.11ax HE160 SU SP	3.24	6092.000

Table 697 - Unwanted Emissions Within the RLAN Band Summary Results

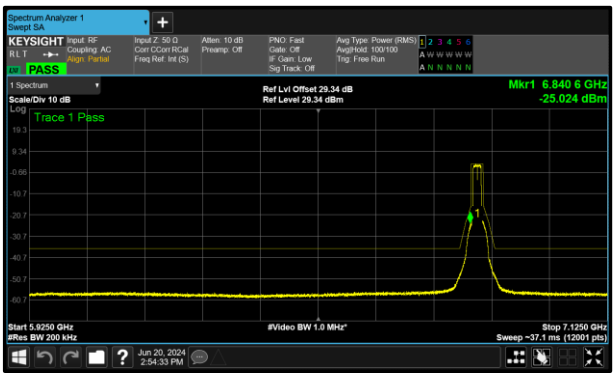

Figure 303 - B (Core 1) 802.11a SP 6855 MHz (CH181)

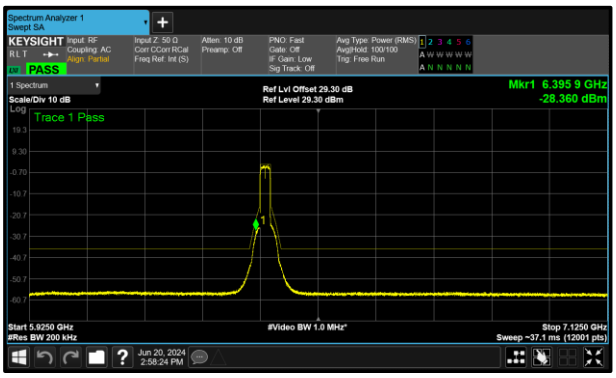

Figure 304 - B (Core 1) 802.11ax HE20 SU SP 6415 MHz (CH93)

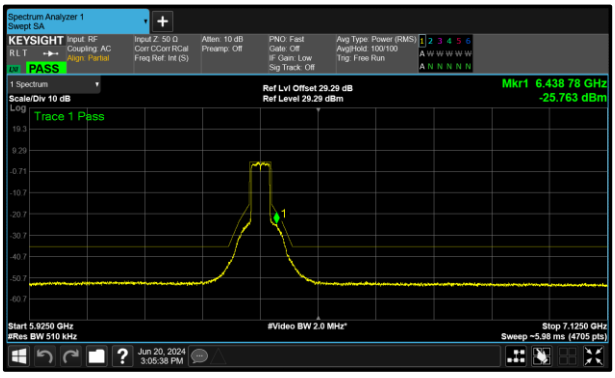

Figure 305 - B (Core 1) 802.11ax HE40 SU SP 6405 MHz (CH91)

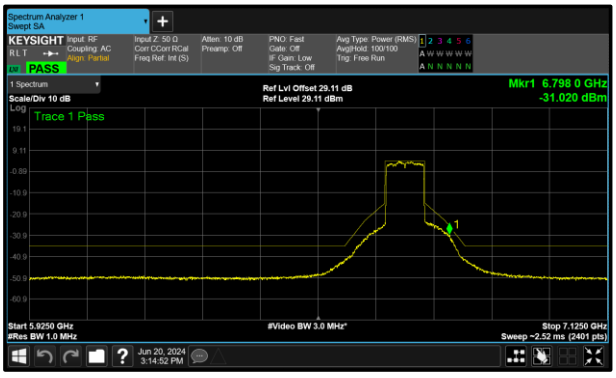

Figure 306 - B (Core 1) 802.11ax HE80 SU SP 6705 MHz (CH151)

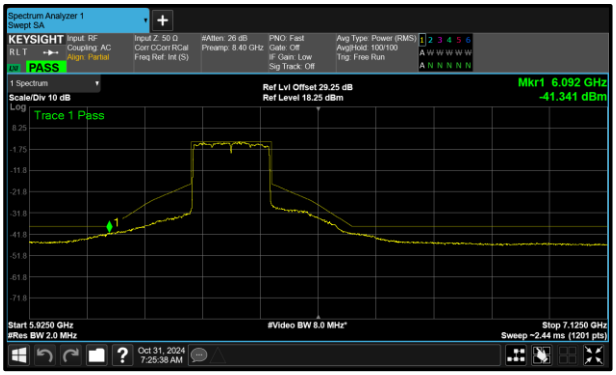

Figure 307 – B (Core 1) 802.11ax HE160 SU SP 6345 MHz (CH79)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 SP	13.79	6867.100
802.11ax HE20 RU26 SP	17.96	6425.900
802.11ax HE20 RU52 SP	17.68	6164.000

Table 698 - Unwanted Emissions Within the RLAN Band Summary Results

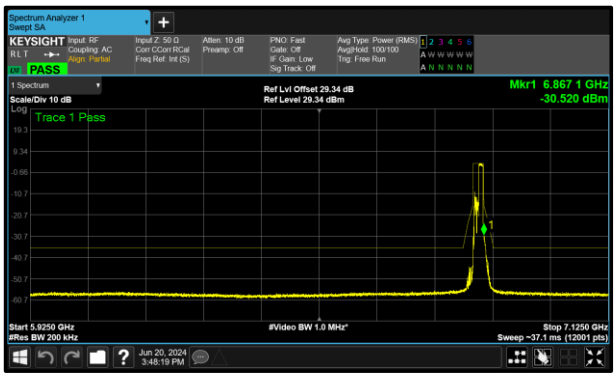

Figure 308 - B (Core 1) 802.11ax HE20 RU106 SP 6855 MHz (CH181)

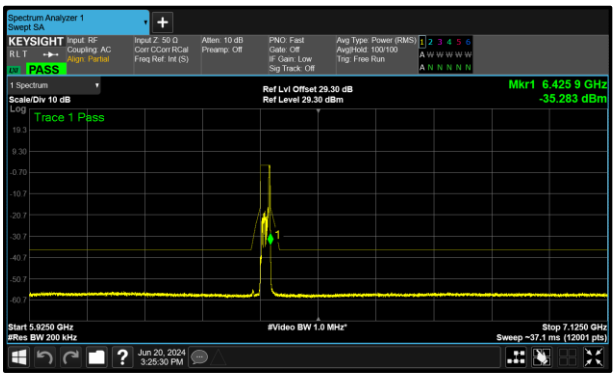

Figure 309 - B (Core 1) 802.11ax HE20 RU26 SP 6415 MHz (CH93)

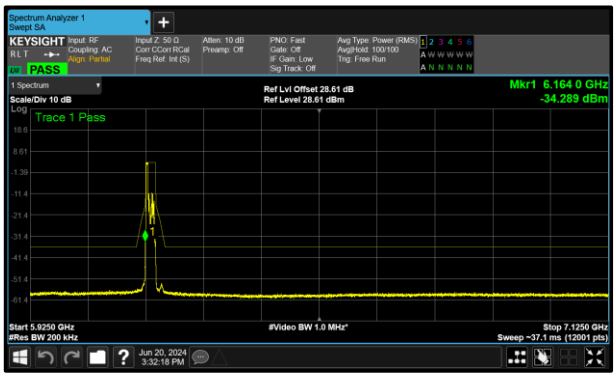

Figure 310 - B (Core 1) 802.11ax HE20 RU52 SP 6175 MHz (CH45)

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

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	-	11.71	-	-
6175	-	11.92	-	-
6415	-	7.84	-	-
6435	11.32	-	-	-
6475	10.42	-	-	-
6515	10.37	-	-	-
6535	-	9.42	-	-
6695	-	9.70	-	-
6855	-	7.63	-	-

Table 699 - Unwanted Emissions Within the Band Results

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

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	-	9.42	-	-
6175	-	9.10	-	-
6415	-	5.89	-	-
6435	9.92	-	-	-
6475	8.07	-	-	-
6515	7.98	-	-	-
6535	-	7.99	-	-
6695	-	7.78	-	-
6855	-	6.61	-	-

Table 700 - Unwanted Emissions Within the Band Results

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

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5965	-	9.13	-	-
6165	-	8.14	-	-
6405	-	5.61	-	-
6445	8.09	-	-	-
6485	6.76	-	-	-
6525	7.04	-	-	-
6565	-	7.35	-	-
6685	-	7.27	-	-
6845	-	6.52	-	-

Table 701 - Unwanted Emissions Within the Band Results

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

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5985	-	8.76	-	-
6145	-	6.88	-	-
6385	-	5.82	-	-
6465	5.15	-	-	-
6545	5.92	-	-	-
6625	-	5.11	-	-
6705	-	4.25	-	-
6785	-	4.26	-	-

Table 702 - Unwanted Emissions Within the Band Results

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

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6025	-	7.45	-	-
6185	-	3.57	-	-
6345	-	3.24	-	-
6505	5.78	-	-	-
6665	-	7.32	-	-

Table 703 - Unwanted Emissions Within the Band Results

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

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU26.0)	-	19.09	-	-
6175 (RU26.0)	-	19.56	-	-
6415 (RU26.8)	-	17.96	-	-
6435 (RU26.0)	18.73	-	-	-
6475 (RU26.0)	18.96	-	-	-
6515 (RU26.8)	18.82	-	-	-
6535 (RU26.0)	-	19.75	-	-
6695 (RU26.0)	-	19.41	-	-
6855 (RU26.8)	-	18.01	-	-

Table 704 - Unwanted Emissions Within the Band Results

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

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU52.37)	-	18.68	-	-
6175 (RU52.37)	-	17.68	-	-
6415 (RU52.40)	-	18.90	-	-
6435 (RU52.37)	18.22	-	-	-
6475 (RU52.37)	18.66	-	-	-
6515 (RU52.40)	18.64	-	-	-
6535 (RU52.37)	-	19.58	-	-
6695 (RU52.37)	-	19.76	-	-
6855 (RU52.40)	-	17.93	-	-

Table 705 - Unwanted Emissions Within the Band Results

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

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU106.53)	-	18.21	-	-
6175 (RU106.53)	-	19.48	-	-
6415 (RU106.54)	-	17.02	-	-
6435 (RU106.53)	18.46	-	-	-
6475 (RU106.53)	19.13	-	-	-
6515 (RU106.54)	19.17	-	-	-
6535 (RU106.53)	-	17.64	-	-
6695 (RU106.53)	-	16.34	-	-
6855 (RU106.54)	-	13.79	-	-

Table 706 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11a VLP	11.89	6329.700
802.11ax HE20 SU VLP	11.52	6353.800
802.11ax HE40 SU VLP	3.70	5992.600
802.11ax HE80 SU VLP	3.84	6335.500
802.11ax HE160 SU VLP	8.03	6979.000

Table 707 - Unwanted Emissions Within the RLAN Band Summary Results

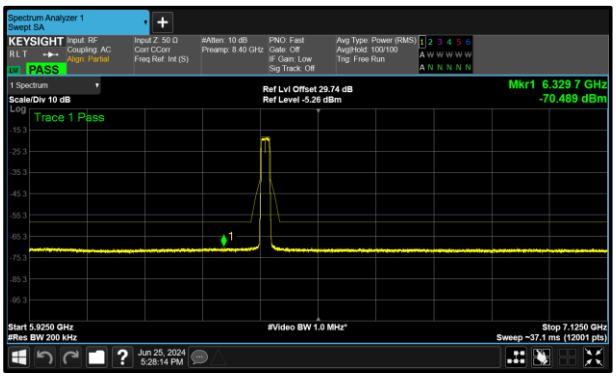

Figure 311 - B (Core 1) 802.11a VLP 6415 MHz (CH93)

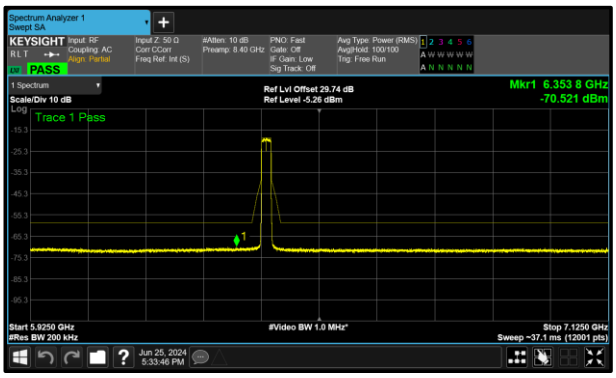

Figure 312 - B (Core 1) 802.11ax HE20 SU VLP 6415 MHz (CH93)

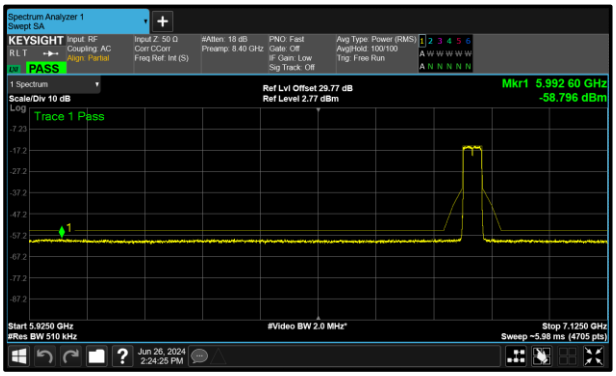

Figure 313 - B (Core 1) 802.11ax HE40 SU VLP 6845 MHz (CH179)

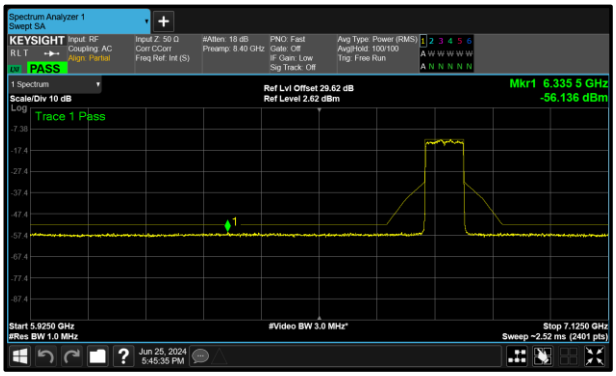

Figure 314 - B (Core 1) 802.11ax HE80 SU VLP 6785 MHz (CH167)

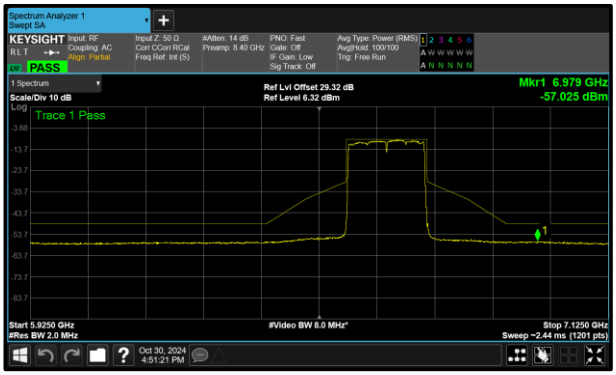

Figure 315 – B (Core 1) 802.11ax HE160 SU VLP 6665 MHz (CH143)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 VLP	6.41	6274.700

Table 708 - Unwanted Emissions Within the RLAN Band Summary Results

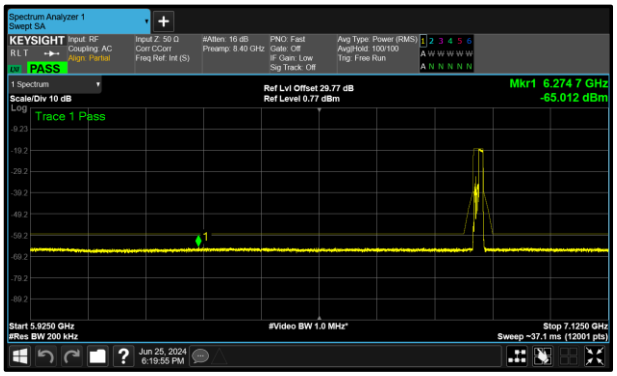

Figure 316 - B (Core 1) 802.11ax HE20 RU106 VLP 6855 MHz (CH181)

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6115	-	12.51	-	-
6255	-	13.28	-	-
6415	-	11.89	-	-
6535	-	12.10	-	-
6695	-	13.13	-	-
6855	-	12.08	-	-

Table 709 - 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 SU VLP	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 1)	Active Chain Id(s):	1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6115	-	12.32	-	-
6255	-	12.32	-	-
6415	-	11.52	-	-
6535	-	11.99	-	-
6695	-	12.28	-	-
6855	-	11.54	-	-

Table 710 - 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:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 1)	Active Chain Id(s):	1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6125	-	4.50	-	-
6245	-	4.66	-	-
6405	-	11.53	-	-
6565	-	3.74	-	-
6685	-	10.19	-	-
6845	-	3.70	-	-

Table 711 - 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:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 1)	Active Chain Id(s):	1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6145	-	5.36	-	-
6225	-	5.14	-	-
6385	-	3.90	-	-
6625	-	3.87	-	-
6705	-	4.53	-	-
6785	-	3.84	-	-

Table 712 - 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:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 1)	Active Chain Id(s):	1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6185	-	8.31	-	-
6345	-	8.59	-	-
6665	-	8.03	-	-

Table 713 - 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)	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6115 (RU106.53)	-	7.36	-	-
6175 (RU106.53)	-	11.51	-	-
6255 (RU106.54)	-	7.44	-	-
6535 (RU106.53)	-	6.66	-	-
6695 (RU106.53)	-	6.97	-	-
6855 (RU106.54)	-	6.41	-	-

Table 714 - Unwanted Emissions Within the Band Results

MIMO CDD

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU LPI	8.43	6422.500
802.11ax HE40 SU LPI	3.56	5981.380
802.11ax HE80 SU LPI	3.77	6129.500
802.11ax HE160 SU LPI	8.03	6080.000

Table 715 - Unwanted Emissions Within the RLAN Band Summary Results

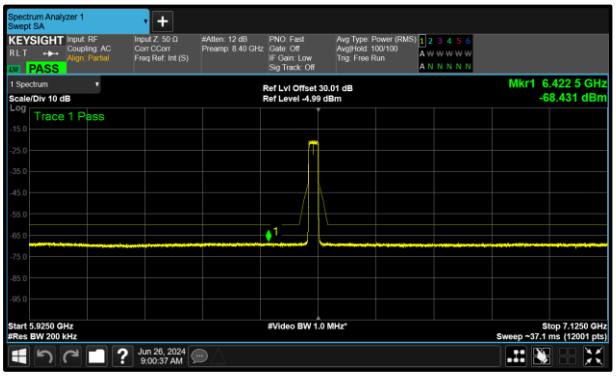

Figure 317 - A (Core 0) 802.11ax HE20 SU LPI 6515 MHz (CH113)

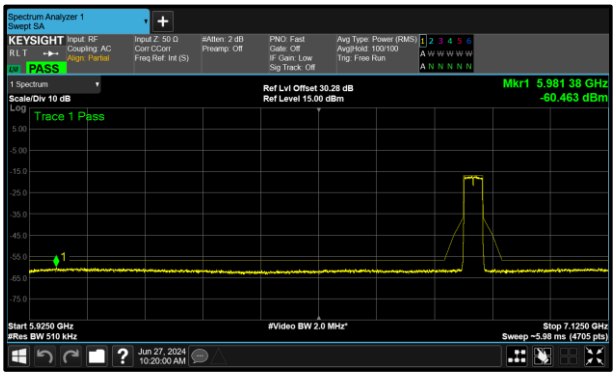

Figure 318 - A (Core 0) 802.11ax HE40 SU LPI 6845 MHz (CH179)

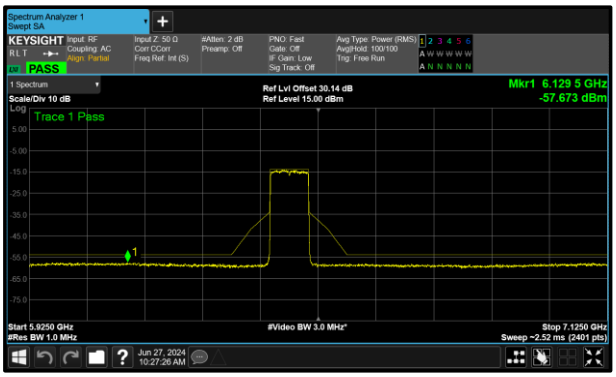

Figure 319 - A (Core 0) 802.11ax HE80 SU LPI 6465 MHz (CH103)

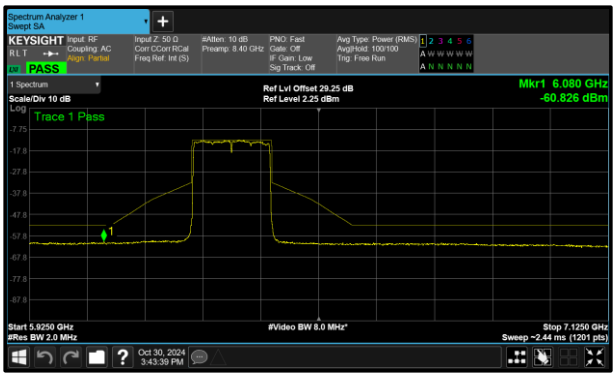

Figure 320 – B (Core 1) 802.11ax HE160 SU LPI 6345 MHz (CH79)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 LPI	8.11	5949.000
802.11ax HE20 RU52 LPI	9.73	5985.700

Table 716 - Unwanted Emissions Within the RLAN Band Summary Results

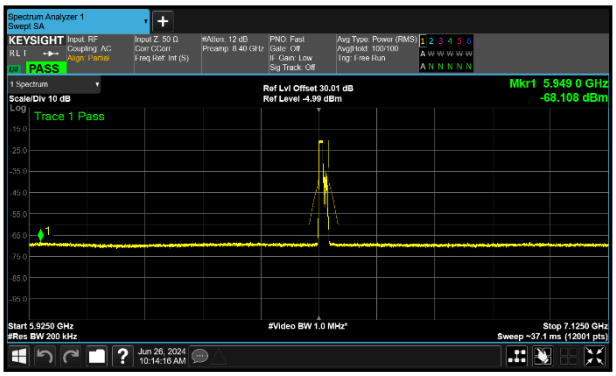

Figure 321 - A (Core 0) 802.11ax HE20 RU106 LPI 6535 MHz (CH117)

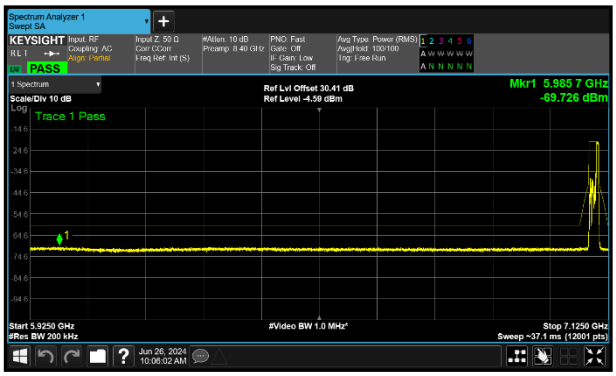

Figure 322 - A (Core 0) 802.11ax HE20 RU52 LPI 7095 MHz (CH229)

Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5-8
Limit Clause(s):	15.407(b)(7)	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	11.47	11.42	-	-
6175	11.17	11.37	-	-
6415	10.33	10.73	-	-
6435	10.18	10.62	-	-
6475	10.10	10.60	-	-
6515	8.43	10.67	-	-
6535	10.30	10.84	-	-
6695	10.68	11.19	-	-
6855	10.01	10.87	-	-
6875	9.90	10.73	-	-
6895	9.94	10.20	-	-
6995	9.90	9.89	-	-
7095	9.95	10.31	-	-

Table 717 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5-8
Limit Clause(s):	15.407(b)(7)	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	5.69	4.38	-	-
6165	5.43	5.84	-	-
6405	3.61	3.69	-	-
6445	11.79	10.84	-	-
6485	3.84	3.76	-	-
6525	3.82	4.41	-	-
6565	3.83	4.02	-	-
6685	3.89	4.23	-	-
6845	3.56	4.41	-	-
6885	3.56	4.05	-	-
6925	12.35	10.57	-	-
7005	5.39	4.22	-	-
7085	11.26	11.20	-	-

Table 718 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5-8
Limit Clause(s):	15.407(b)(7)	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	5.22	5.38	-	-
6145	5.47	5.46	-	-
6385	8.62	9.14	-	-
6465	3.77	3.96	-	-
6545	4.04	3.96	-	-
6625	3.84	3.96	-	-
6705	4.18	4.79	-	-
6785	3.83	4.40	-	-
6865	8.83	9.28	-	-
6945	3.84	3.77	-	-
7025	9.35	9.98	-	-

Table 719 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5-8
Limit Clause(s):	15.407(b)(7)	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	8.72	9.35	-	-
6185	8.29	8.52	-	-
6345	8.44	8.03	-	-
6505	8.66	8.88	-	-
6665	8.59	8.09	-	-
6825	8.20	8.44	-	-
6985	8.58	8.15	-	-

Table 720 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5-8
Limit Clause(s):	15.407(b)(7)	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)	12.14	11.63	-	-
6175 (RU52.37)	11.09	11.81	-	-
6415 (RU52.40)	10.24	10.59	-	-
6435 (RU52.37)	10.20	10.73	-	-
6475 (RU52.37)	10.00	10.68	-	-
6515 (RU52.40)	10.15	10.71	-	-
6535 (RU52.37)	10.45	10.91	-	-
6695 (RU52.37)	10.54	11.08	-	-
6855 (RU52.40)	9.87	10.66	-	-
6875 (RU52.38)	9.99	10.69	-	-
6875 (RU52.39)	10.06	10.72	-	-
6895 (RU52.37)	9.89	10.55	-	-
6995 (RU52.37)	9.86	10.12	-	-
7095 (RU52.40)	9.73	10.44	-	-

Table 721 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5-8
Limit Clause(s):	15.407(b)(7)	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)	10.45	9.85	-	-
6175 (RU106.53)	11.25	9.69	-	-
6415 (RU106.54)	8.97	10.55	-	-
6435 (RU106.53)	8.33	10.71	-	-
6475 (RU106.53)	10.21	10.55	-	-
6515 (RU106.54)	10.28	10.62	-	-
6535 (RU106.53)	8.11	10.73	-	-
6695 (RU106.53)	8.48	8.97	-	-
6855 (RU106.54)	8.21	10.60	-	-
6875 (RU106.53)	9.94	10.63	-	-
6875 (RU106.54)	9.92	10.77	-	-
6895 (RU106.53)	9.84	10.44	-	-
6995 (RU106.53)	10.05	10.09	-	-
7095 (RU106.54)	8.14	10.46	-	-

Table 722 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU SP	12.92	6096.700
802.11ax HE40 SU SP	11.32	6100.765
802.11ax HE80 SU SP	3.01	6719.500
802.11ax HE160 SU SP	4.85	6093.000

Table 723 - Unwanted Emissions Within the RLAN Band Summary Results

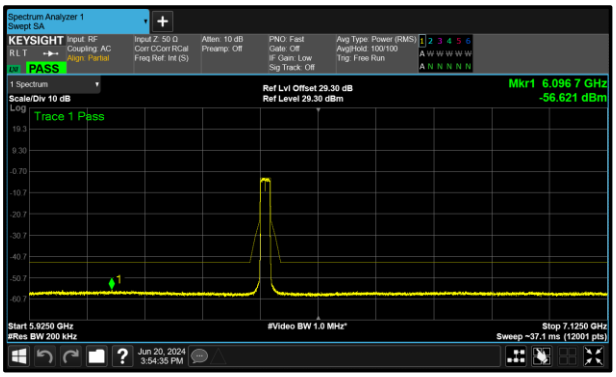

Figure 323 - B (Core 1) 802.11ax HE20 SU SP 6415 MHz (CH93)

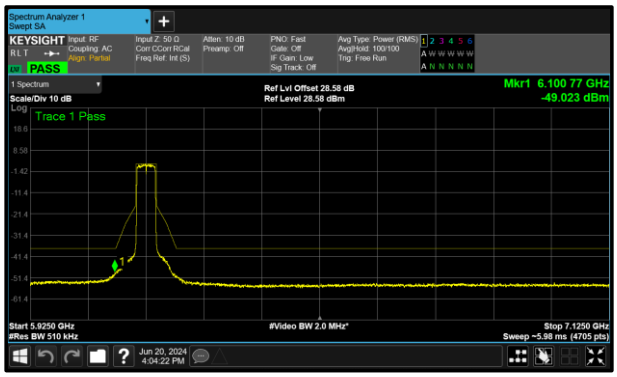

Figure 324 - A (Core 0) 802.11ax HE40 SU SP 6165 MHz (CH43)

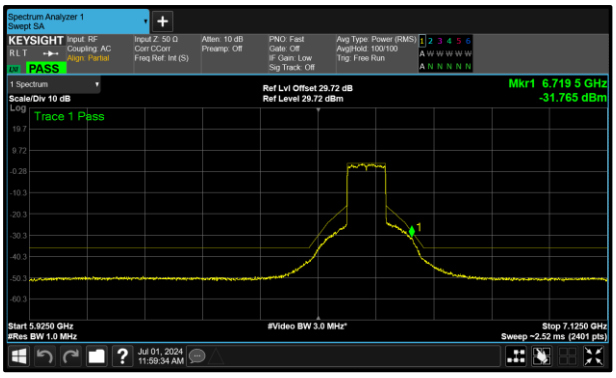

Figure 325 - B (Core 1) 802.11ax HE80 SU SP 6625 MHz (CH135)

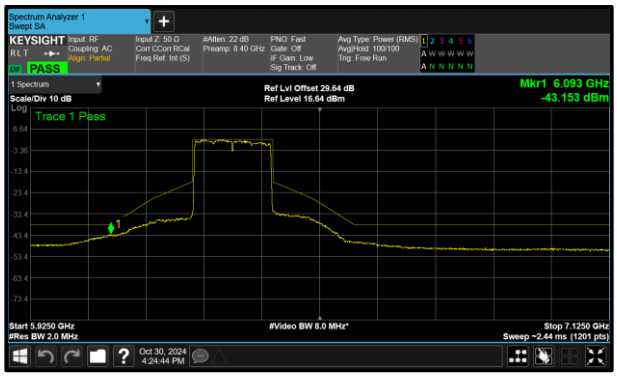

Figure 326 – A (Core 0) 802.11ax HE160 SU SP 6345 MHz (CH79)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 SP	13.18	6144.100
802.11ax HE20 RU26 SP	13.03	6105.400
802.11ax HE20 RU52 SP	13.56	5975.600

Table 724 - Unwanted Emissions Within the RLAN Band Summary Results

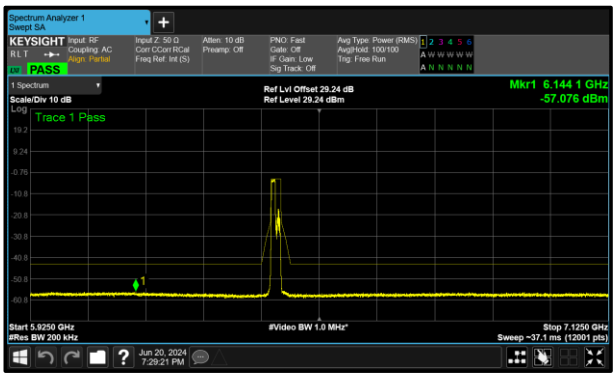

Figure 327 - B (Core 1) 802.11ax HE20 RU106 SP 6435 MHz (CH97)

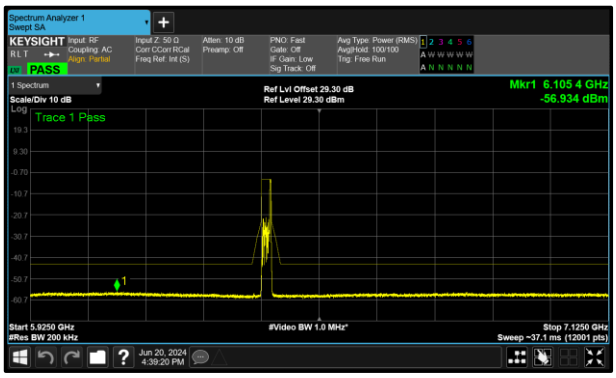

Figure 328 - B (Core 1) 802.11ax HE20 RU26 SP 6415 MHz (CH93)

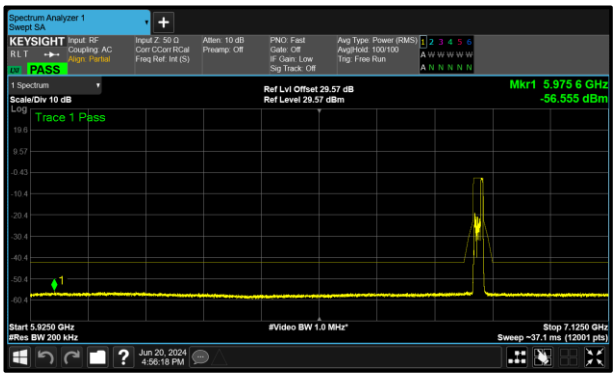

Figure 329 - A (Core 0) 802.11ax HE20 RU52 SP 6855 MHz (CH181)

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5-7
Limit Clause(s):	15.407(b)(7)	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	15.12	14.31	-	-
6175	15.05	14.17	-	-
6415	13.49	12.92	-	-
6435	13.51	13.30	-	-
6475	14.07	12.92	-	-
6515	14.00	13.45	-	-
6535	13.84	13.60	-	-
6695	13.55	13.76	-	-
6855	13.41	12.99	-	-

Table 725 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5-7
Limit Clause(s):	15.407(b)(7)	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	13.53	13.27	-	-
6165	11.32	12.03	-	-
6405	12.62	12.66	-	-
6445	13.18	12.71	-	-
6485	12.56	12.72	-	-
6525	12.93	13.03	-	-
6565	12.40	12.55	-	-
6685	12.10	13.18	-	-
6845	12.15	11.73	-	-

Table 726 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5-7
Limit Clause(s):	15.407(b)(7)	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	9.64	9.23	-	-
6145	6.16	7.18	-	-
6385	6.37	7.88	-	-
6465	6.70	6.60	-	-
6545	6.19	5.76	-	-
6625	3.23	3.01	-	-
6705	5.98	6.80	-	-
6785	5.16	5.16	-	-

Table 727 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5-7
Limit Clause(s):	15.407(b)(7)	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	7.72	8.14	-	-
6185	4.89	5.55	-	-
6345	4.85	5.63	-	-
6505	5.19	5.79	-	-
6665	5.99	7.21	-	-

Table 728 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5-7
Limit Clause(s):	15.407(b)(7)	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)	15.60	15.66	-	-
6175 (RU26.0)	15.62	15.07	-	-
6415 (RU26.8)	13.53	13.03	-	-
6435 (RU26.0)	13.34	13.13	-	-
6475 (RU26.0)	13.94	13.35	-	-
6515 (RU26.8)	13.78	13.58	-	-
6535 (RU26.0)	14.16	13.88	-	-
6695 (RU26.0)	14.40	14.41	-	-
6855 (RU26.8)	13.83	13.27	-	-

Table 729 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5-7
Limit Clause(s):	15.407(b)(7)	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)	15.63	15.14	-	-
6175 (RU52.37)	15.23	14.74	-	-
6415 (RU52.40)	13.56	13.63	-	-
6435 (RU52.37)	13.84	13.73	-	-
6475 (RU52.37)	13.90	14.31	-	-
6515 (RU52.40)	14.52	13.89	-	-
6535 (RU52.37)	14.13	14.11	-	-
6695 (RU52.37)	14.39	14.49	-	-
6855 (RU52.40)	13.56	13.56	-	-

Table 730 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5-7
Limit Clause(s):	15.407(b)(7)	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)	15.67	15.11	-	-
6175 (RU106.53)	15.59	14.73	-	-
6415 (RU106.54)	13.69	13.54	-	-
6435 (RU106.53)	13.75	13.18	-	-
6475 (RU106.53)	14.03	14.10	-	-
6515 (RU106.54)	14.35	13.89	-	-
6535 (RU106.53)	14.23	13.65	-	-
6695 (RU106.53)	14.77	14.40	-	-
6855 (RU106.54)	14.28	14.04	-	-

Table 731 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE40 SU VLP	10.49	6024.745
802.11ax HE80 SU VLP	3.65	6389.000
802.11ax HE160 SU VLP	7.08	5931.000

Table 732 - Unwanted Emissions Within the RLAN Band Summary Results

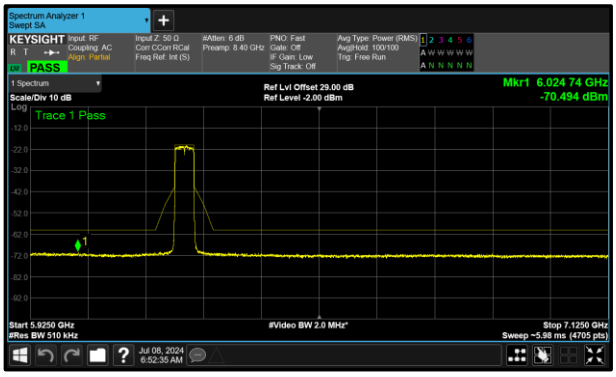

Figure 330 - A (Core 0) 802.11ax HE40 SU VLP 6245 MHz (CH59)

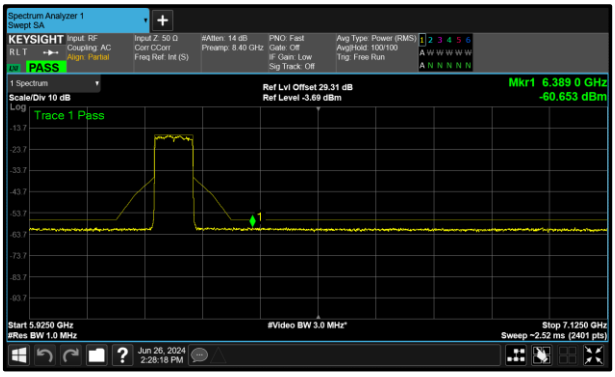

Figure 331 - B (Core 1) 802.11ax HE80 SU VLP 6225 MHz (CH55)

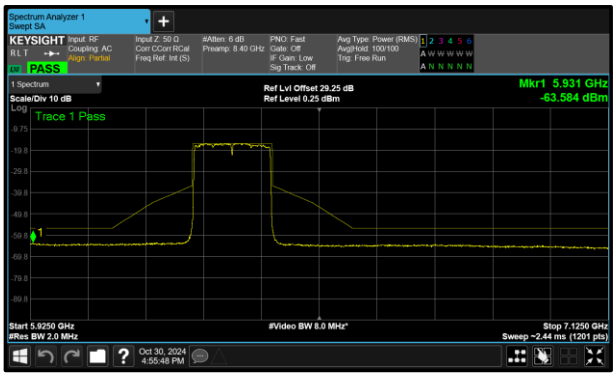

Figure 332 – B (Core 1) 802.11ax HE160 SU VLP 6345 MHz (CH79)

Test Configuration			
Frequency Range:	5.925-6.425 GHz & 6.525-6.875 GHz	Band:	U-NII-5
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	10.93	11.16	-	-
6165	10.85	10.98	-	-
6245	10.49	10.86	-	-

Table 733 - 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	9.28	8.75	-	-
6225	4.48	3.65	-	-
6385	3.71	4.23	-	-
6625	8.94	8.38	-	-
6705	4.05	3.76	-	-
6785	9.41	10.10	-	-

Table 734 - 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	8.12	8.15	-	-
6345	7.43	7.08	-	-
6665	7.62	7.84	-	-

Table 735 - Unwanted Emissions Within the Band Results

MIMO SDM

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU LPI	6.23	6392.700
802.11ax HE40 SU LPI	5.58	6046.684
802.11ax HE80 SU LPI	6.24	6027.500
802.11ax HE160 SU LPI	7.79	6265.000

Table 736 - Unwanted Emissions Within the RLAN Band Summary Results

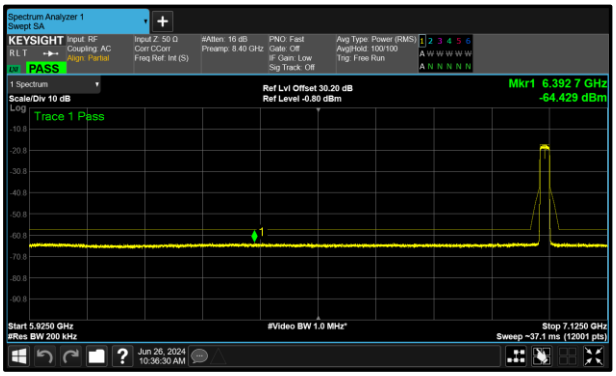

Figure 333 - B (Core 1) 802.11ax HE20 SU LPI 6995 MHz (CH209)

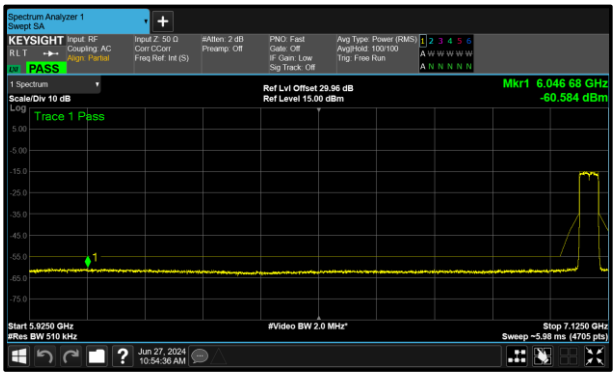

Figure 334 - B (Core 1) 802.11ax HE40 SU LPI 7085 MHz (CH227)

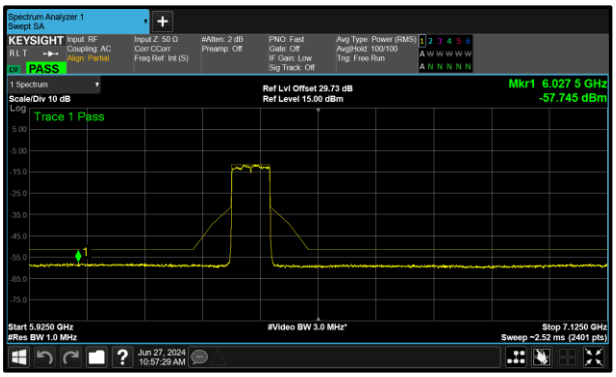

Figure 335 - B (Core 1) 802.11ax HE80 SU LPI 6385 MHz (CH87)

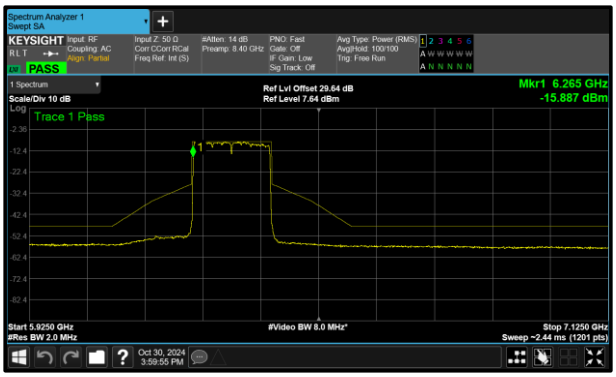

Figure 336 – A (Core 0) 802.11ax HE160 SU LPI 6345 MHz (CH79)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 LPI	5.88	5959.600
802.11ax HE20 RU26 LPI	10.60	6398.400
802.11ax HE20 RU52 LPI	10.95	6360.000

Table 737 - Unwanted Emissions Within the RLAN Band Summary Results

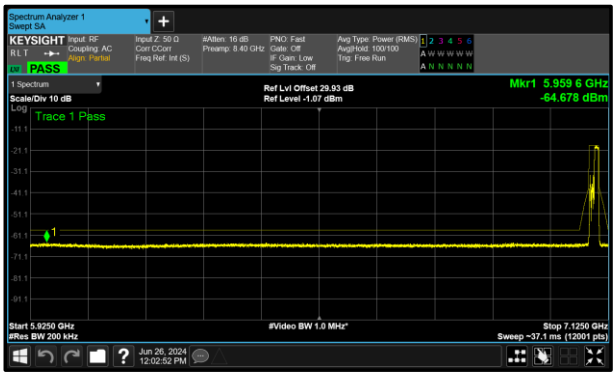

Figure 337 - B (Core 1) 802.11ax HE20 RU106 LPI 7095 MHz (CH229)

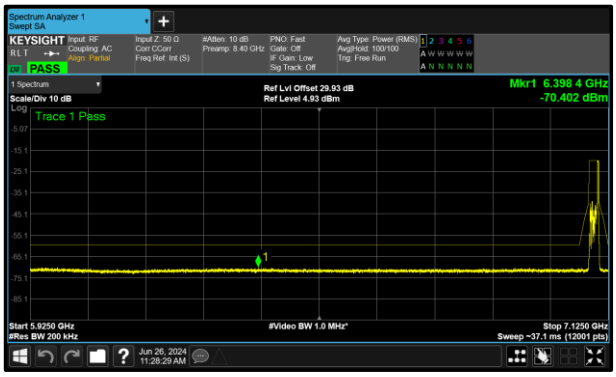

Figure 338 - B (Core 1) 802.11ax HE20 RU26 LPI 7095 MHz (CH229)

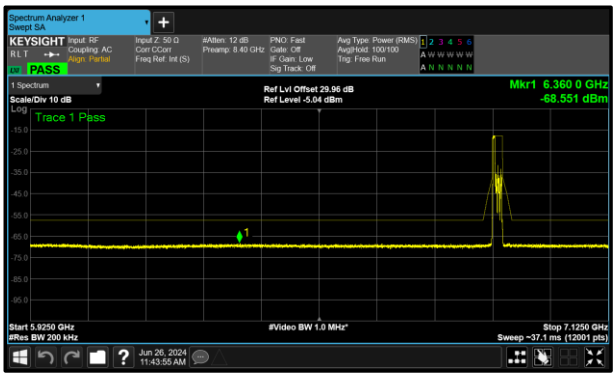

Figure 339 - B (Core 1) 802.11ax HE20 RU52 LPI 6895 MHz (CH189)

Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5-8
Limit Clause(s):	15.407(b)(7)	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	11.00	10.61	-	-
6175	9.78	10.89	-	-
6415	9.85	8.90	-	-
6435	7.13	8.49	-	-
6475	7.28	7.99	-	-
6515	8.84	8.05	-	-
6535	6.69	8.48	-	-
6695	9.36	9.24	-	-
6855	7.32	9.38	-	-
6875	8.85	8.82	-	-
6895	6.94	8.65	-	-
6995	7.00	6.23	-	-
7095	6.39	7.54	-	-

Table 738 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5-8
Limit Clause(s):	15.407(b)(7)	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	8.87	8.82	-	-
6165	8.62	8.09	-	-
6405	7.38	7.04	-	-
6445	6.70	7.08	-	-
6485	7.28	6.65	-	-
6525	6.51	6.42	-	-
6565	6.72	7.13	-	-
6685	6.73	7.52	-	-
6845	6.72	7.10	-	-
6885	6.66	6.92	-	-
6925	6.80	6.11	-	-
7005	6.89	6.04	-	-
7085	6.98	5.58	-	-

Table 739 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5-8
Limit Clause(s):	15.407(b)(7)	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	8.39	8.06	-	-
6145	8.39	8.50	-	-
6385	6.58	6.24	-	-
6465	6.60	6.72	-	-
6545	6.59	6.84	-	-
6625	6.69	7.40	-	-
6705	7.17	7.61	-	-
6785	6.86	7.47	-	-
6865	6.48	7.02	-	-
6945	7.15	6.92	-	-
7025	7.02	6.37	-	-

Table 740 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5-8
Limit Clause(s):	15.407(b)(7)	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	8.57	8.90	-	-
6185	8.27	8.07	-	-
6345	7.79	8.94	-	-
6505	8.38	8.53	-	-
6665	8.93	8.81	-	-
6825	8.50	8.53	-	-
6985	8.44	8.49	-	-

Table 741 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5-8
Limit Clause(s):	15.407(b)(7)	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)	14.33	14.56	-	-
6175 (RU26.0)	14.32	14.43	-	-
6415 (RU26.8)	12.84	12.16	-	-
6435 (RU26.0)	12.89	12.21	-	-
6475 (RU26.0)	12.22	12.29	-	-
6515 (RU26.8)	12.33	12.19	-	-
6535 (RU26.0)	13.33	12.44	-	-
6695 (RU26.0)	12.70	13.41	-	-
6855 (RU26.8)	12.83	12.58	-	-
6875 (RU26.3)	12.37	11.82	-	-
6875 (RU26.5)	12.55	12.67	-	-
6895 (RU26.0)	13.03	12.37	-	-
6995 (RU26.0)	12.36	12.23	-	-
7095 (RU26.8)	12.35	10.60	-	-

Table 742 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5-8
Limit Clause(s):	15.407(b)(7)	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)	14.90	14.55	-	-
6175 (RU52.37)	12.15	12.59	-	-
6415 (RU52.40)	11.17	12.05	-	-
6435 (RU52.37)	11.23	12.17	-	-
6475 (RU52.37)	12.67	12.39	-	-
6515 (RU52.40)	12.96	12.40	-	-
6535 (RU52.37)	11.02	12.81	-	-
6695 (RU52.37)	12.72	11.35	-	-
6855 (RU52.40)	12.56	11.19	-	-
6875 (RU52.38)	12.31	12.34	-	-
6875 (RU52.39)	12.65	12.44	-	-
6895 (RU52.37)	12.77	10.95	-	-
6995 (RU52.37)	12.72	12.60	-	-
7095 (RU52.40)	12.49	11.61	-	-

Table 743 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5-8
15.407(b)(7)	15.407(b)(7)	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)	12.83	12.61	-	-
6175 (RU106.53)	10.15	10.96	-	-
6415 (RU106.54)	9.67	8.69	-	-
6435 (RU106.53)	7.06	8.64	-	-
6475 (RU106.53)	6.66	9.02	-	-
6515 (RU106.54)	7.09	8.68	-	-
6535 (RU106.53)	6.69	8.72	-	-
6695 (RU106.53)	9.86	9.49	-	-
6855 (RU106.54)	7.15	9.37	-	-
6875 (RU106.53)	6.81	8.58	-	-
6875 (RU106.54)	6.61	9.09	-	-
6895 (RU106.53)	6.36	6.61	-	-
6995 (RU106.53)	8.89	6.63	-	-
7095 (RU106.54)	6.83	5.88	-	-

Table 744 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU SP	13.29	6822.800
802.11ax HE40 SU SP	4.02	6613.780
802.11ax HE80 SU SP	4.30	6553.500
802.11ax HE160 SU SP	4.04	5933.000

Table 745 - Unwanted Emissions Within the RLAN Band Summary Results

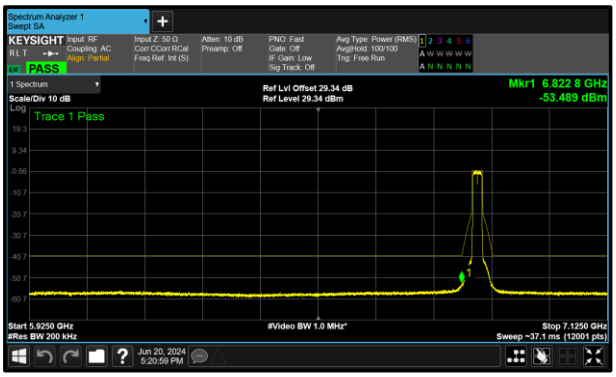

Figure 340 - B (Core 1) 802.11ax HE20 SU SP 6855 MHz (CH181)

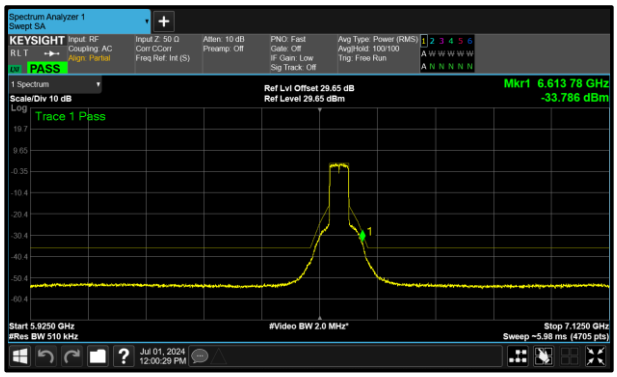

Figure 341 - B (Core 1) 802.11ax HE40 SU SP 6565 MHz (CH123)

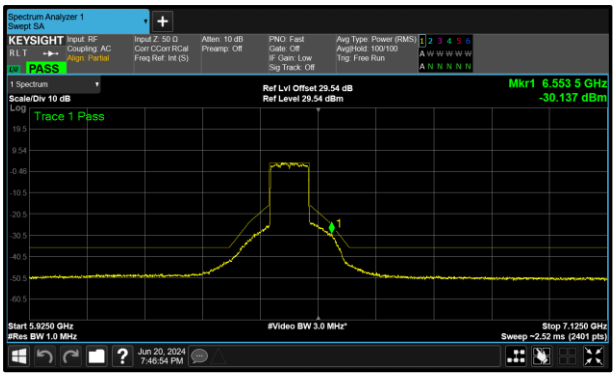

Figure 342 - A (Core 0) 802.11ax HE80 SU SP 6465 MHz (CH103)

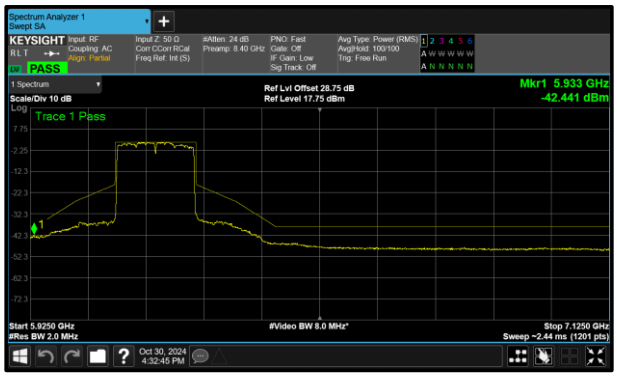

Figure 343 – A (Core 0) 802.11ax HE160 SU SP 6185 MHz (CH47)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 SP	16.24	6032.200
802.11ax HE20 RU26 SP	16.17	6098.200
802.11ax HE20 RU52 SP	16.35	6425.700

Table 746 - Unwanted Emissions Within the RLAN Band Summary Results

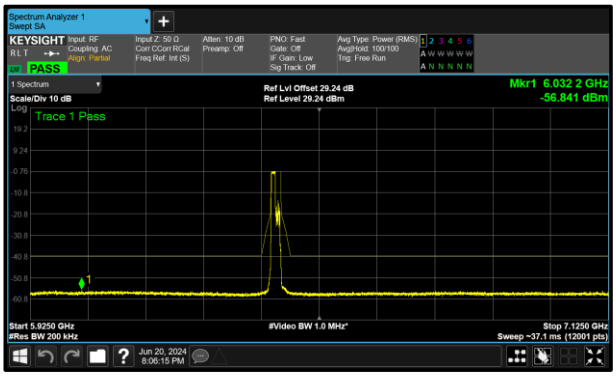

Figure 344 - B (Core 1) 802.11ax HE20 RU106 SP 6435 MHz (CH97)

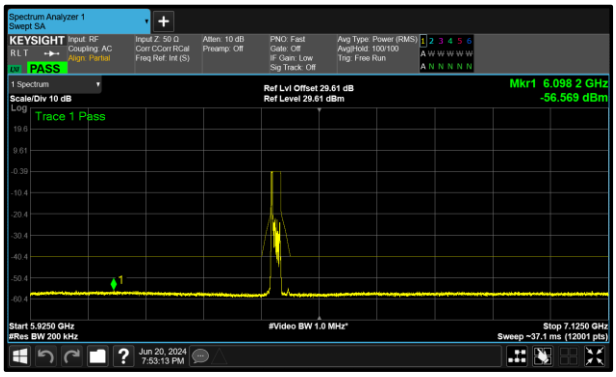

Figure 345 - B (Core 1) 802.11ax HE20 RU26 SP 6435 MHz (CH97)

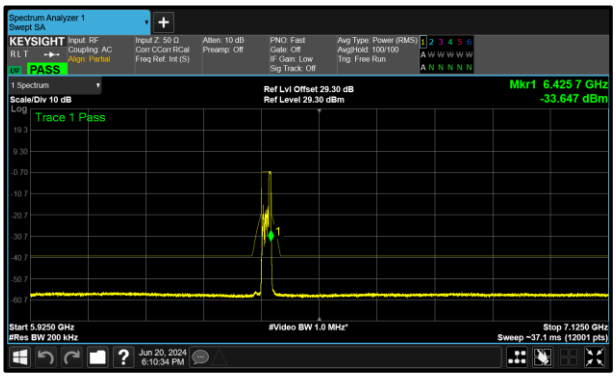

Figure 346 - B (Core 1) 802.11ax HE20 RU52 SP 6415 MHz (CH93)

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

DUT Configuration			
Mode:	802.11ax HE20 SU SP	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	16.59	16.33	-	-
6175	13.84	14.46	-	-
6415	15.32	15.51	-	-
6435	15.97	14.93	-	-
6475	15.49	15.70	-	-
6515	15.70	15.50	-	-
6535	15.09	15.57	-	-
6695	14.31	15.40	-	-
6855	14.78	13.29	-	-

Table 747 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5-7
Limit Clause(s):	15.407(b)(7)	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	11.36	10.70	-	-
6165	7.76	9.58	-	-
6405	6.51	6.51	-	-
6445	7.52	7.34	-	-
6485	6.97	8.43	-	-
6525	7.80	8.56	-	-
6565	4.45	4.02	-	-
6685	6.59	7.59	-	-
6845	7.28	6.35	-	-

Table 748 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5-7
Limit Clause(s):	15.407(b)(7)	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	9.34	9.98	-	-
6145	6.75	7.05	-	-
6385	6.01	6.15	-	-
6465	4.30	5.17	-	-
6545	4.88	4.59	-	-
6625	5.05	5.68	-	-
6705	6.05	5.21	-	-
6785	4.88	5.78	-	-

Table 749 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5-7
Limit Clause(s):	15.407(b)(7)	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	7.77	7.83	-	-
6185	4.04	5.48	-	-
6345	4.70	5.63	-	-
6505	5.00	6.12	-	-
6665	6.05	7.05	-	-

Table 750 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5-7
Limit Clause(s):	15.407(b)(7)	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)	18.62	17.28	-	-
6175 (RU26.0)	18.13	17.49	-	-
6415 (RU26.8)	17.16	16.59	-	-
6435 (RU26.0)	16.17	16.81	-	-
6475 (RU26.0)	16.33	16.89	-	-
6515 (RU26.8)	16.96	16.28	-	-
6535 (RU26.0)	17.22	16.73	-	-
6695 (RU26.0)	17.07	17.33	-	-
6855 (RU26.8)	16.89	16.36	-	-

Table 751 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5-7
Limit Clause(s):	15.407(b)(7)	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)	18.59	18.10	-	-
6175 (RU52.37)	18.23	17.68	-	-
6415 (RU52.40)	16.69	16.35	-	-
6435 (RU52.37)	16.77	16.63	-	-
6475 (RU52.37)	16.89	16.57	-	-
6515 (RU52.40)	16.92	16.62	-	-
6535 (RU52.37)	17.16	16.92	-	-
6695 (RU52.37)	17.04	17.29	-	-
6855 (RU52.40)	17.12	16.60	-	-

Table 752 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5-7
Limit Clause(s):	15.407(b)(7)	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)	18.56	17.74	-	-
6175 (RU106.53)	18.07	17.43	-	-
6415 (RU106.54)	16.89	16.79	-	-
6435 (RU106.53)	16.78	16.24	-	-
6475 (RU106.53)	16.96	16.37	-	-
6515 (RU106.54)	17.19	16.75	-	-
6535 (RU106.53)	17.04	16.53	-	-
6695 (RU106.53)	17.04	17.10	-	-
6855 (RU106.54)	16.99	16.43	-	-

Table 753 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU VLP	8.13	6393.100
802.11ax HE40 SU VLP	3.69	6730.870
802.11ax HE80 SU VLP	4.10	5973.000
802.11ax HE160 SU VLP	6.94	6059.000

Table 754 - Unwanted Emissions Within the RLAN Band Summary Results

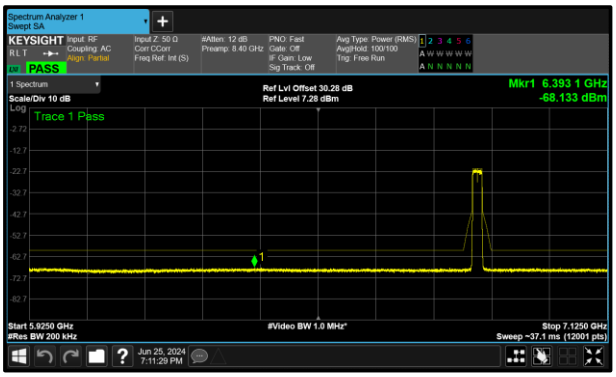

Figure 347 - A (Core 0) 802.11ax HE20 SU VLP 6855 MHz (CH181)

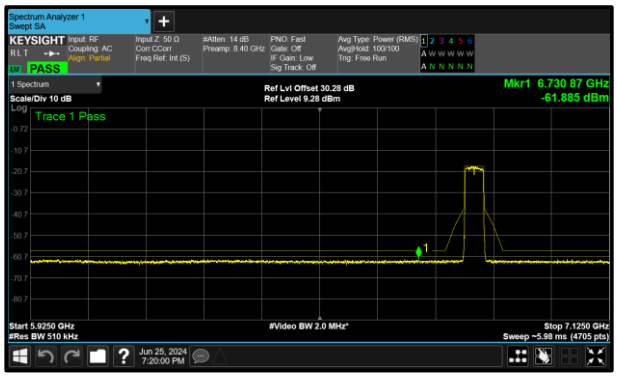

Figure 348 - A (Core 0) 802.11ax HE40 SU VLP 6845 MHz (CH179)

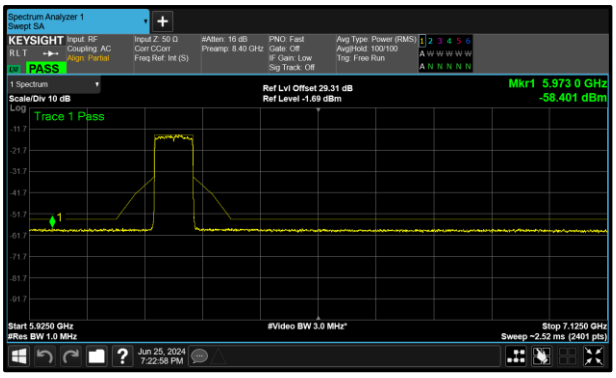

Figure 349 - B (Core 1) 802.11ax HE80 SU VLP 6225 MHz (CH55)

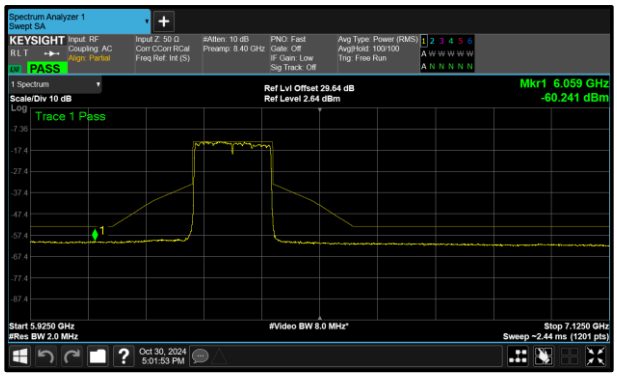

Figure 350 – A (Core 0) 802.11ax HE160 SU VLP 6345 MHz (CH79)

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	9.27	9.47	-	-
6255	8.83	8.80	-	-
6415	8.41	8.71	-	-
6535	8.26	8.72	-	-
6695	8.27	8.98	-	-
6855	8.13	8.63	-	-

Table 755 - 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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6125	3.81	3.80	-	-
6245	4.25	3.97	-	-
6405	4.87	4.56	-	-
6565	10.15	11.52	-	-
6685	10.78	10.37	-	-
6845	3.69	4.65	-	-

Table 756 - 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	4.40	4.47	-	-
6225	4.64	4.10	-	-
6385	9.72	9.52	-	-
6625	8.76	9.58	-	-
6705	9.74	9.11	-	-
6785	9.62	9.28	-	-

Table 757 - 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	8.80	8.64	-	-
6345	6.94	7.77	-	-
6665	8.10	8.48	-	-

Table 758 - Unwanted Emissions Within the Band Results