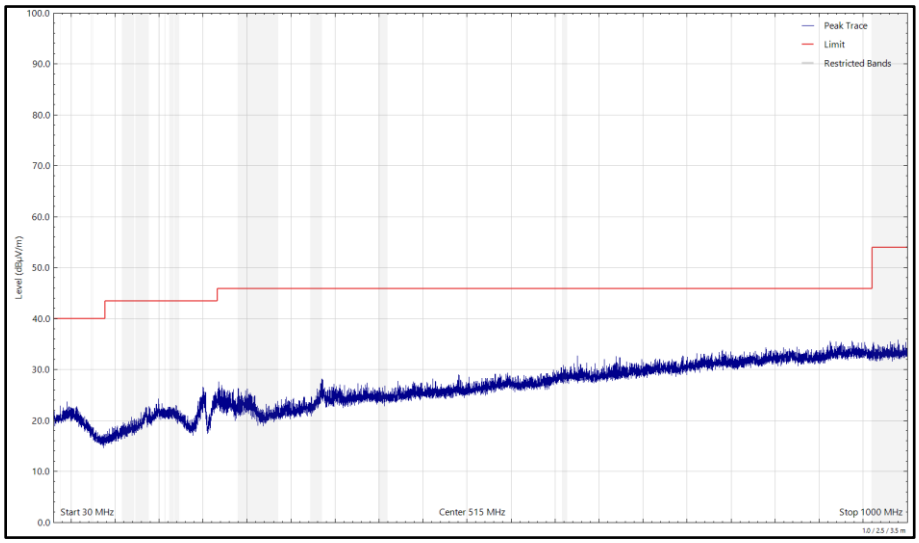

Figure 285 - U-NII-6 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

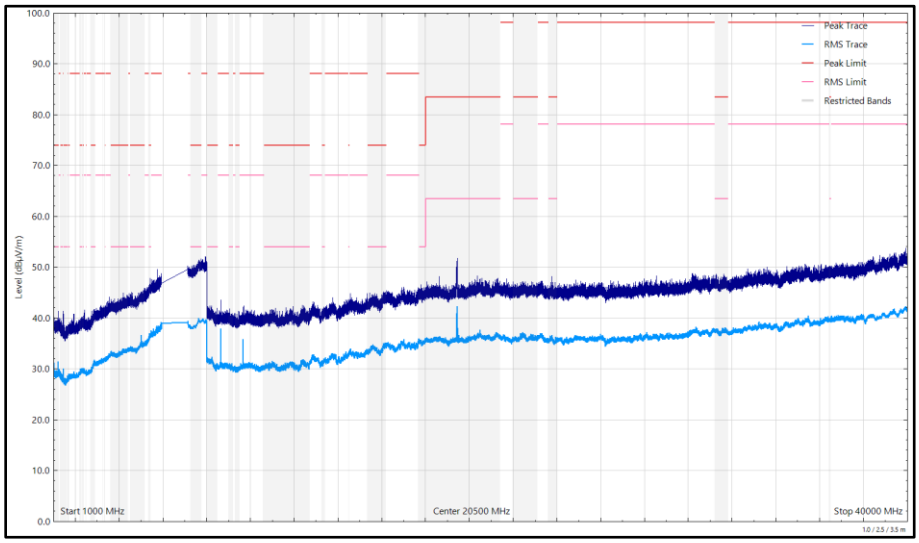

Figure 286 - U-NII-6 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
*							

Table 297 - U-NII-6 - 6515 MHz (CH113), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

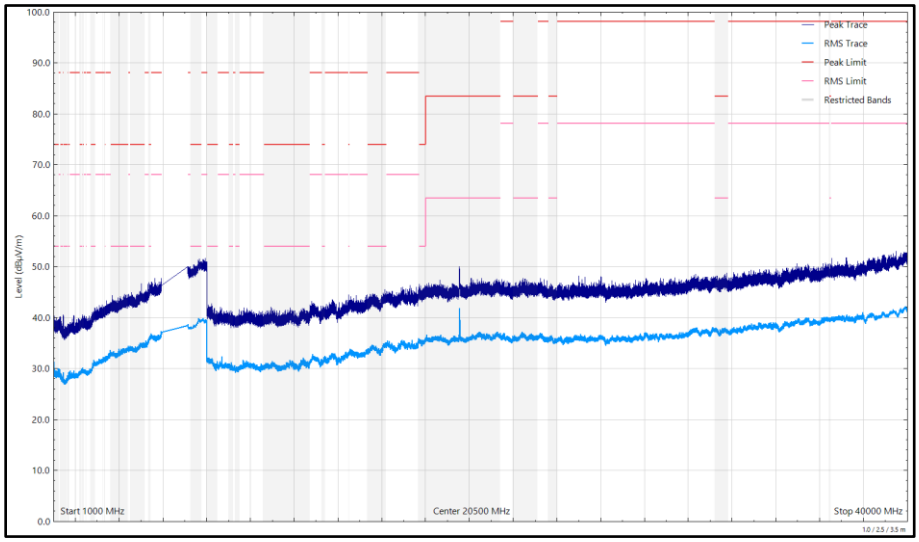

Figure 287 - U-NII-6 - 6515 MHz (CH113), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

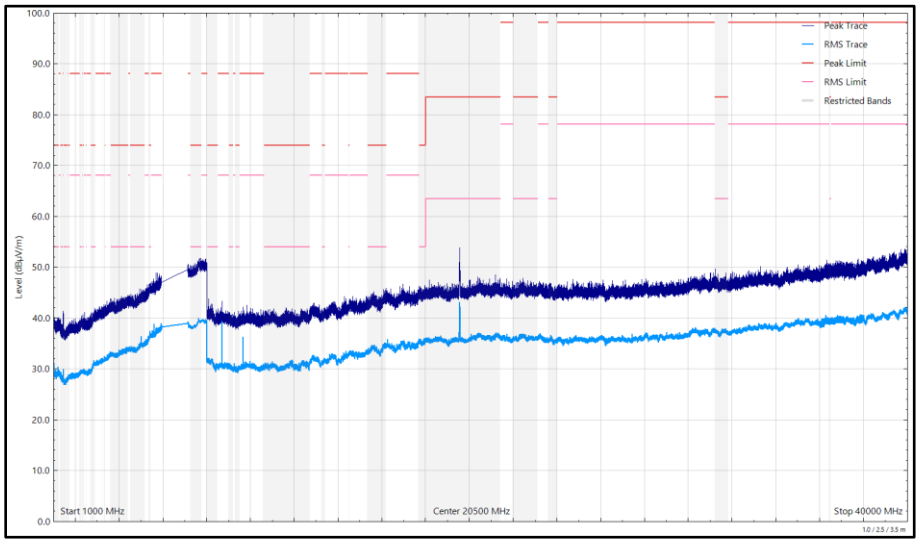

Figure 288 - U-NII-6 - 6515 MHz (CH113), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
19608.119	42.74	64.00	-21.26	RMS	8	100	Vertical

Table 298 - U-NII-7 - 6535 MHz (CH117), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

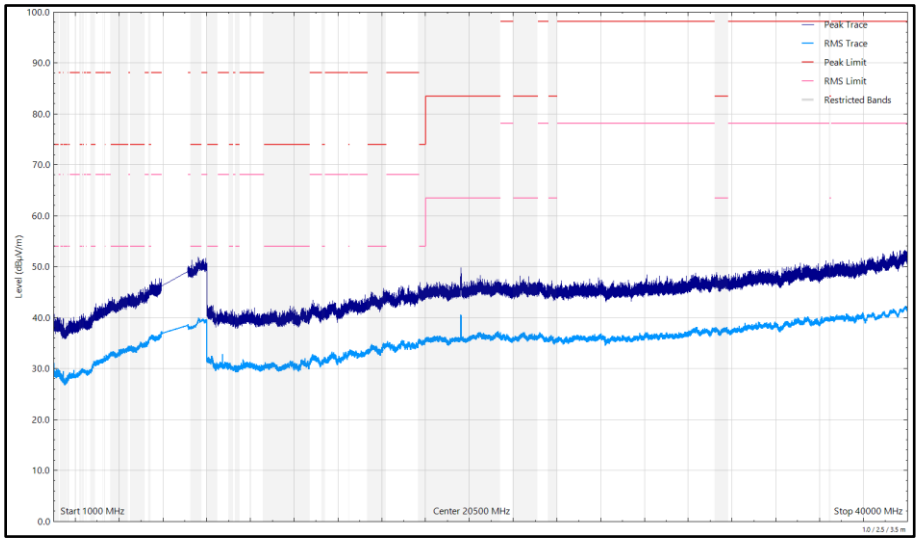

Figure 289 - U-NII-7 - 6535 MHz (CH117), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

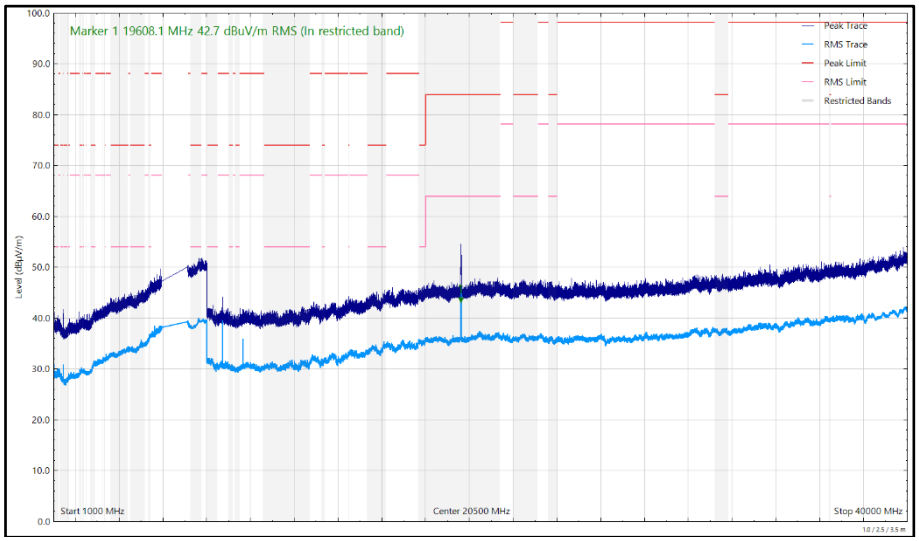

Figure 290 - U-NII-7 - 6535 MHz (CH117), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
335.231	31.55	46.00	-14.45	Q-Peak	19	100	Horizontal
20086.085	47.19	64.00	-16.81	RMS	229	100	Vertical

Table 299 - U-NII-7 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 10 dB of the limit.

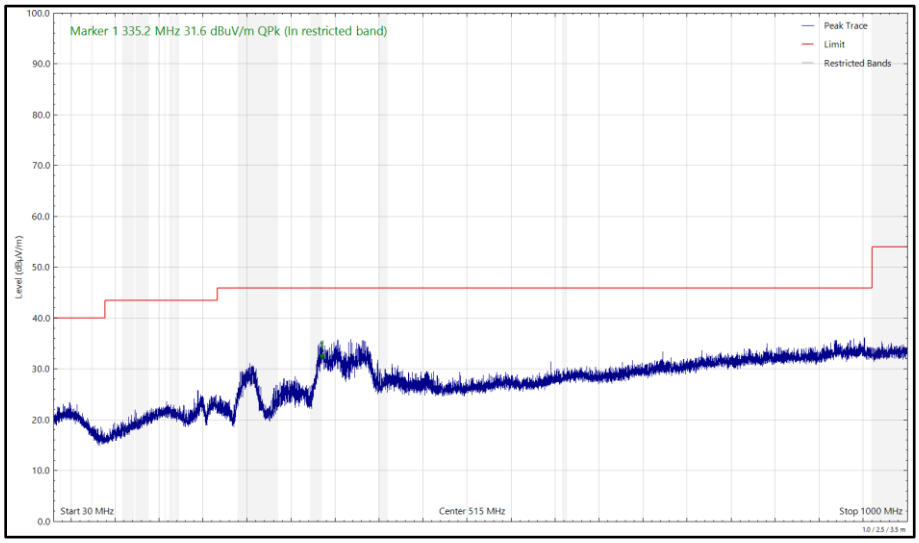

Figure 291 - U-NII-7 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

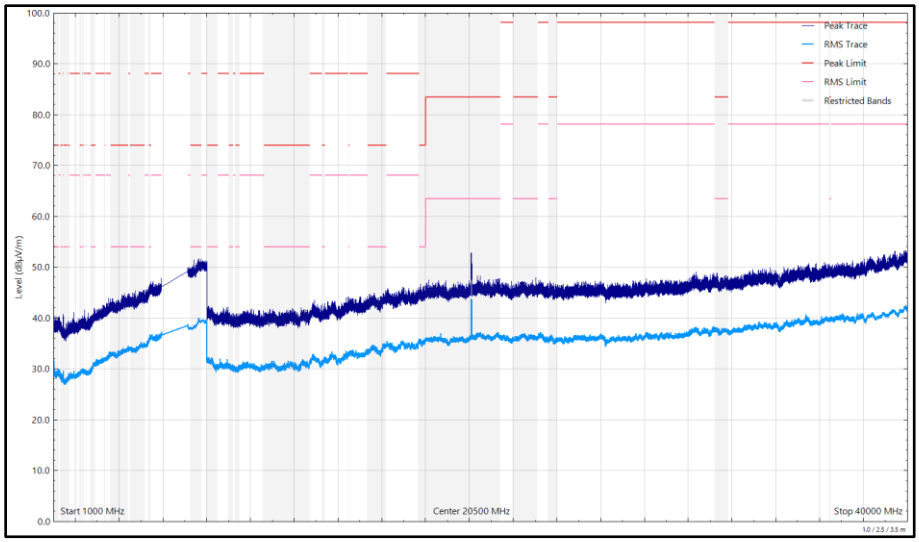

Figure 292 - U-NII-7 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

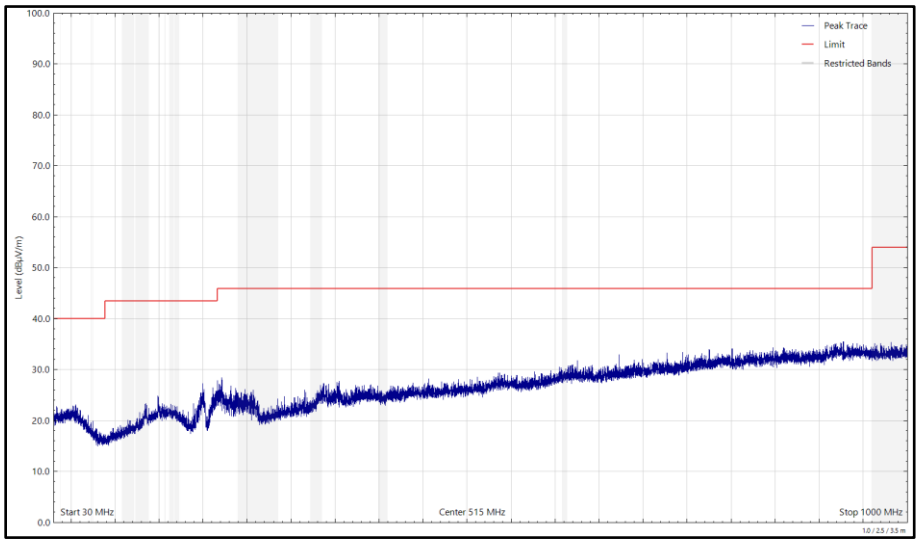

Figure 293 - U-NII-7 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

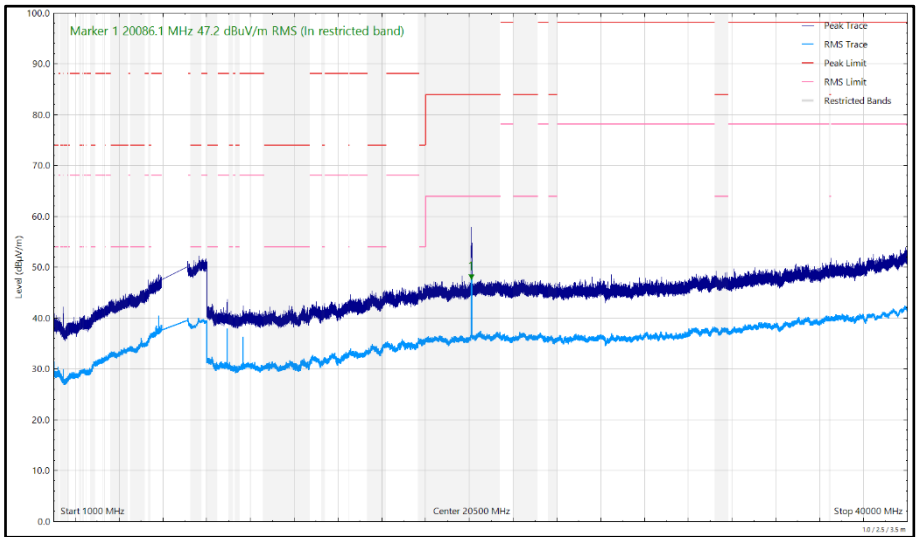

Figure 294 - U-NII-7 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
*							

Table 300 - U-NII-7 - 6855 MHz (CH181), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

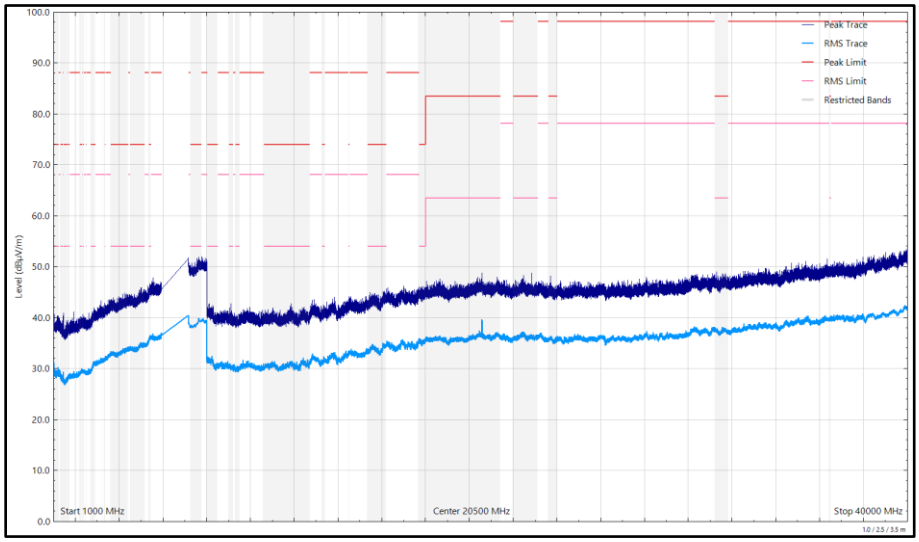

Figure 295 - U-NII-7 - 6855 MHz (CH181), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

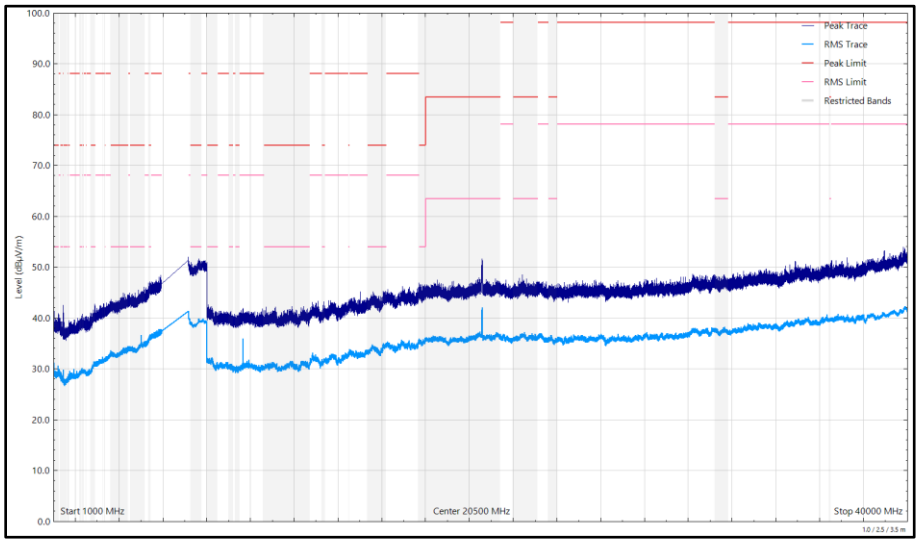

Figure 296 - U-NII-7 - 6855 MHz (CH181), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
*							

Table 301 - U-NII-8 - 6895 MHz (CH189), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

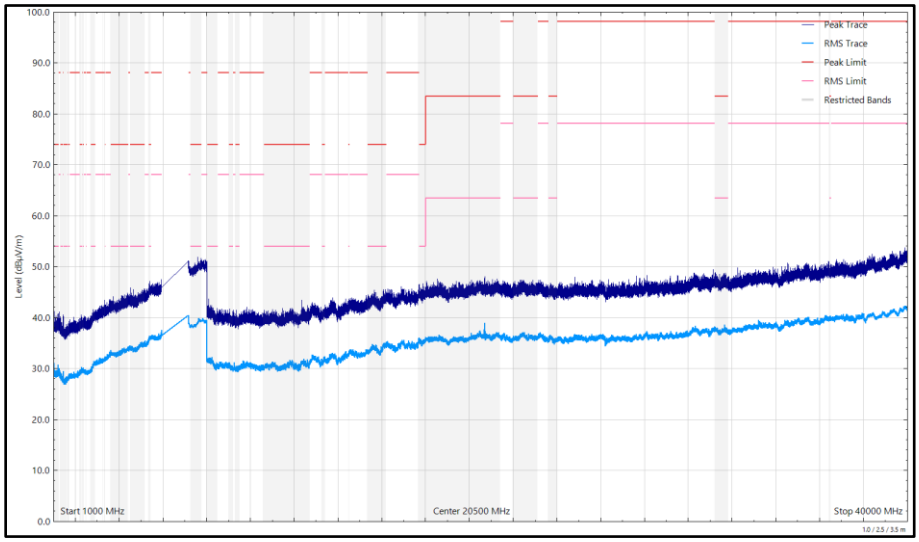

Figure 297 - U-NII-8 - 6895 MHz (CH189), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

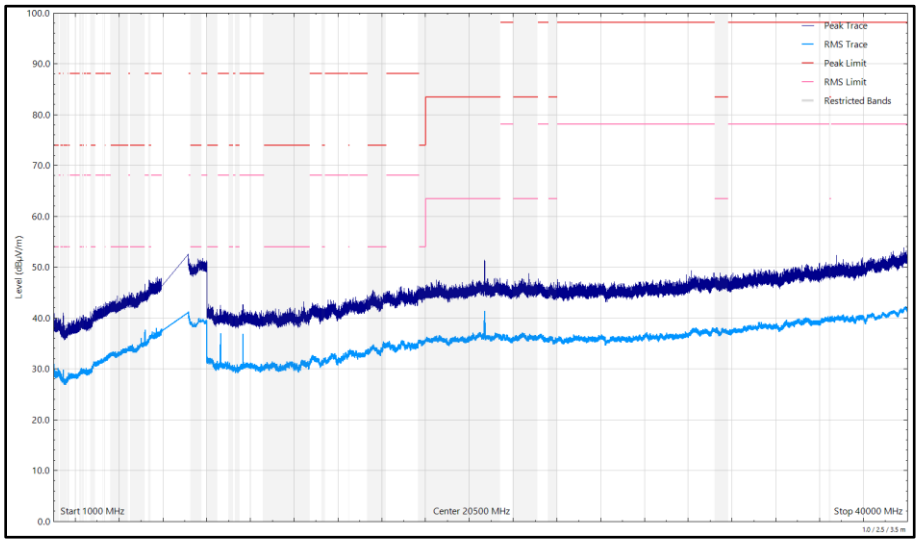

Figure 298 - U-NII-8 - 6895 MHz (CH189), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
327.468	27.04	46.00	-18.96	Q-Peak	28	112	Horizontal

Table 302 - 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.

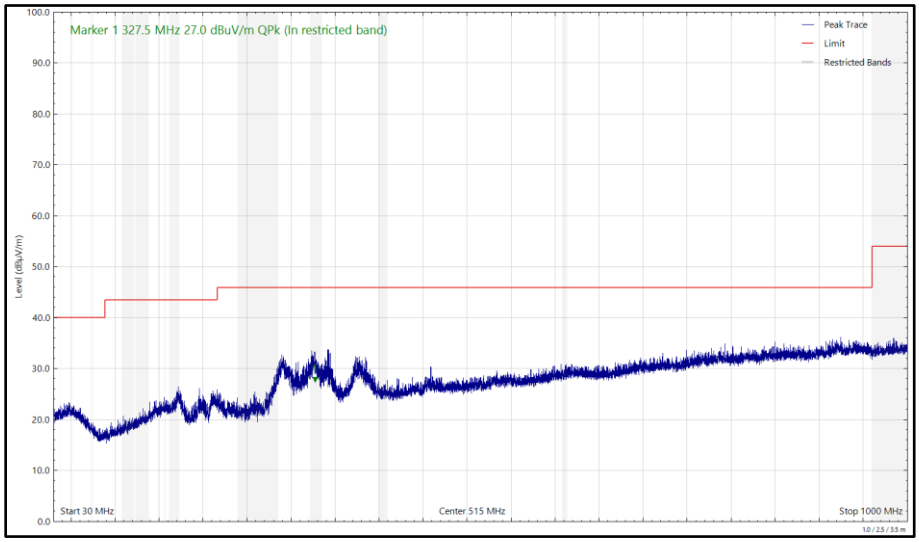

Figure 299 - U-NII-8 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

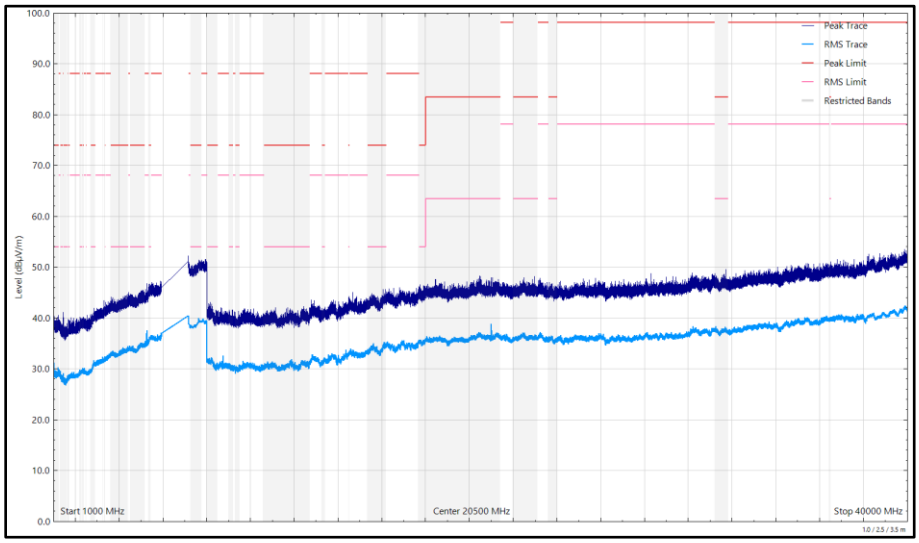

Figure 300 - U-NII-8 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

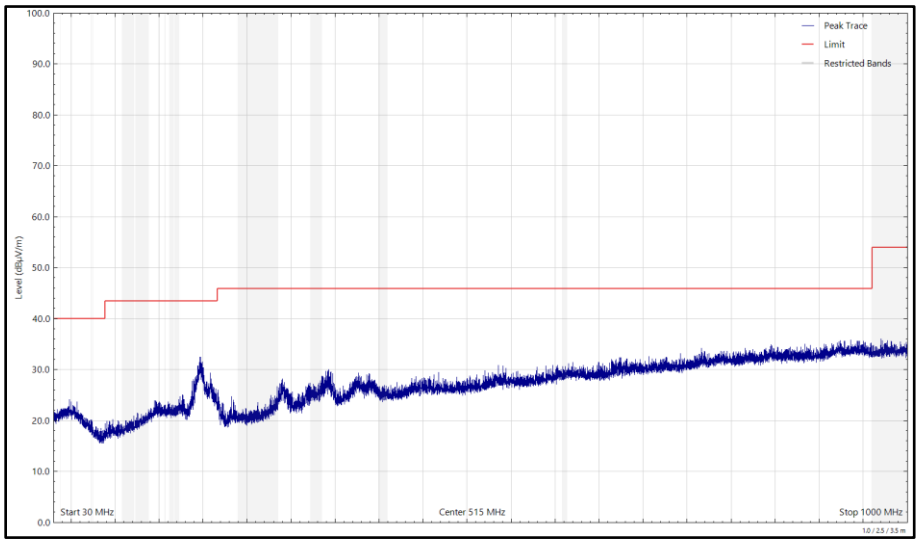

Figure 301 - U-NII-8 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

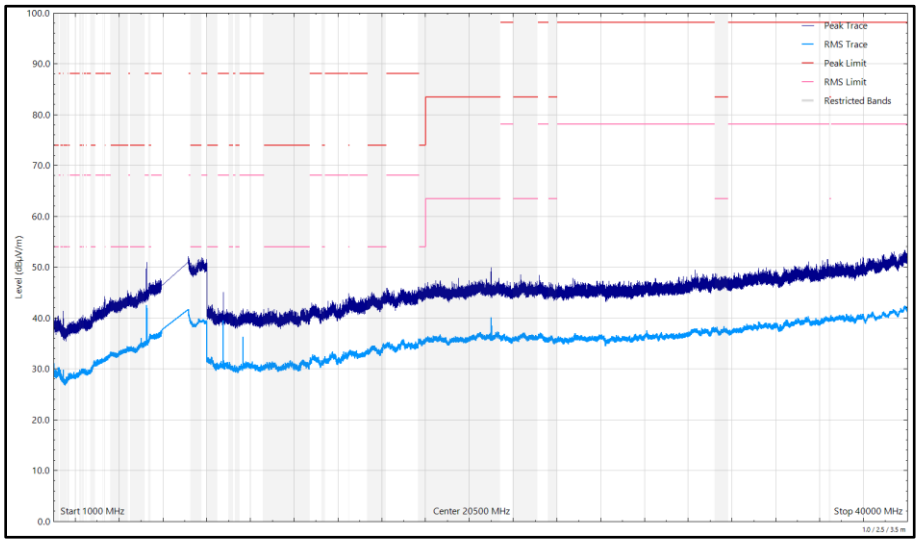

Figure 302 - U-NII-8 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
*							

Table 303 - U-NII-8 - 7115 MHz (CH233), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

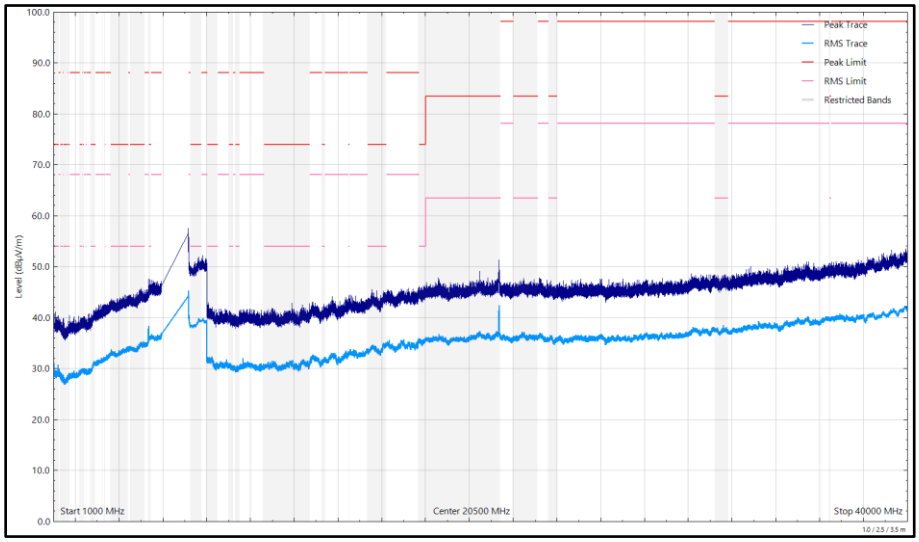

Figure 303 - U-NII-8 - 7115 MHz (CH233), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

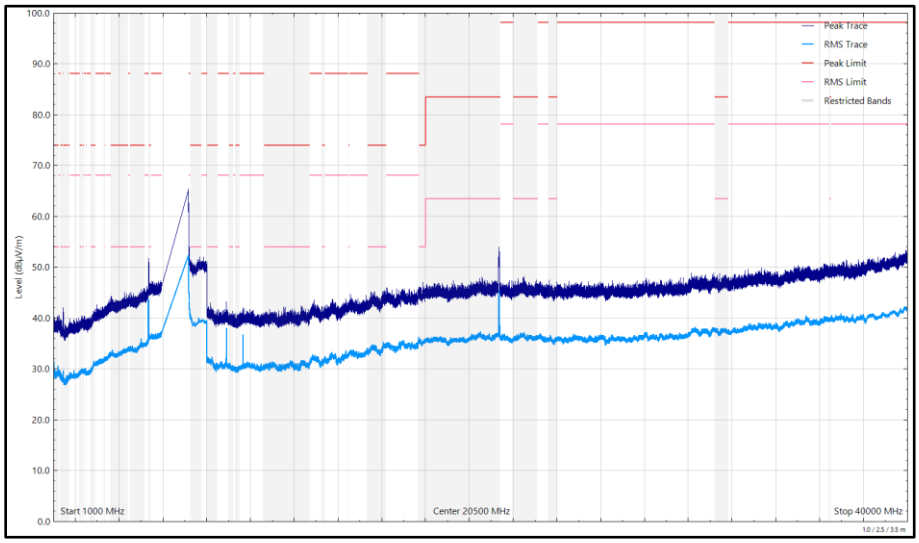

Figure 304 - U-NII-8 - 7115 MHz (CH233), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

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 304 - 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 305 - Radiated Emissions Limit Table (ISED)

2.7.8 Test Location and Test Equipment Used

This test was carried out in RF Chamber 14, RF Chamber 15 and 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
EMI Test Receiver	Rohde & Schwarz	ESW44	5911	12	11-Sep-2024
DRG Horn Antenna (7.5-18GHz)	Schwarzbeck	HWRD750	5939	12	05-May-2025
TRILOG Super Broadband Test Antenna	Schwarzbeck	VULB 9168	5944	24	24-May-2026
1500W (300V 12A) AC Power Supply	iTech	IT7324	5955	-	O/P Mon
1500W (300V 12A) AC Power Supply	iTech	IT7324	5956	-	O/P Mon
5m Semi-Anechoic Chamber (Dual-Axis)	Albatross Projects	RF Chamber 14	5958	36	26-Apr-2025
Compact Antenna Mast	Maturo Gmbh	CAM4.0-P	5959	-	TU
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	5960	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	5961	-	TU
5m Semi-Anechoic Chamber (Dual-Axis), Chamber 15	Albatross Projects	RF Chamber 15	5963	36	28-Apr-2025
Compact Antenna Mast	Maturo Gmbh	CAM4.0-P	5964	-	TU
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	5966	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	5967	-	TU
Turntable	Maturo Gmbh	TT1.5SI	5968	-	TU
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	5997	12	14-Sep-2024
Cable (N to N 1m)	Junkosha	MWX221-01000NMSNMS/B	5999	12	20-May-2025
Cable (SMA to SMA 4.5m)	Junkosha	MWX221-04500AMSAMS/A	6002	12	14-Sep-2024
Cable (N to N 7m)	Junkosha	MWX221-07000NMSNMS/B	6016	12	20-May-2025
Cable (N to N 8m)	Junkosha	MWX221-08000NMSNMS/A	6017	12	14-Sep-2024
Cable (SMA to SMA 3m)	Junkosha	MWX221-03000AMSAMS/A	6021	12	14-Sep-2024
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6140	12	05-May-2025
Digital Multimeter	Fluke	115	6145	12	06-Jun-2025
Humidity & Temperature meter	R.S Components	1364	6149	12	07-Jul-2024
SAC Switch Unit	TUV SUD	TUV_SSU_001	6190	12	22-Dec-2024
SAC Switch Unit	TUV SUD	TUV_SSU_001	6191	12	18-Dec-2024
Cable (SMA to SMA 3m)	Junkosha	MWX221-03000AMSAMS/A	6316	12	04-Feb-2025

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Cable (K Type 2m)	Junkosha	MWX241-02000KMSKMS/B	6323	12	04-Feb-2025
EMC Test Receiver	Rohde & Schwarz	ESW44	6333	12	16-Feb-2025
8 GHz High Pass Filter	Wainwright	WHKX 7150 8000 18000 50SS	6427	12	23-Apr-2025
3m Semi-Anechoic Chamber, Chamber18	Albatross Projects	Chamber 18	6597	36	07-Feb-2026
1m Cable	Junkosha	MWX241-01000AMSAMS/B	6740	12	01-Feb-2025
1m Cable	Junkosha	MWX241-01000AMSAMS/B	6741	12	01-Feb-2025
6.5m Cable	Junkosha	MWX221-06500AMSAMS/B	6744	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
Turntable	Maturo Gmbh	TT1.5SI	6797	-	TU
EMI Test Receiver	Rohde & Schwarz	ESW44	6805	12	29-May-2025
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	6796	-	TU
Turntable	Maturo Gmbh	TT1.5SI	5962	-	TU

Table 306

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

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

A3238, S/N: X5C43QCG7L - Modification State 0
A3238, S/N: VD7GYHFCQP - Modification State 0

2.8.3 Date of Test

19-July-2024 to 30-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	21.0 - 23.1 °C
Relative Humidity	45.2 - 58.2 %

2.8.6 Test Results

6 GHz WLAN

SISO

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11a LPI	5.33	6109.900
802.11ax HE20 SU LPI	16.08	6382.400
802.11ax HE40 SU LPI	9.31	6432.653
802.11ax HE80 SU LPI	9.39	6567.000
802.11ax HE160 SU LPI	7.95	6572.000

Table 307 - Unwanted Emissions Within the RLAN Band Summary Results

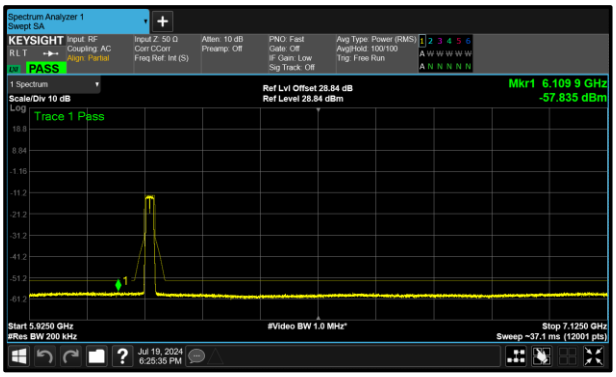

Figure 305 - A (Core 0) 802.11a LPI 6175 MHz (CH45)

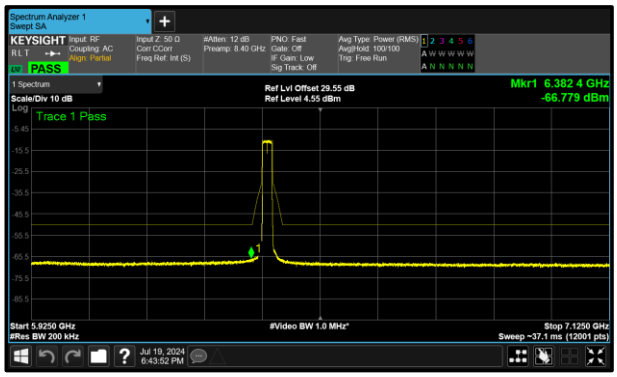

Figure 306 - A (Core 0) 802.11ax HE20 SU LPI 6415 MHz (CH93)

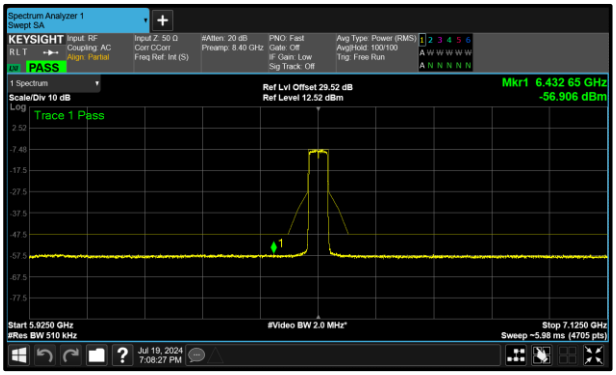

Figure 307 - A (Core 0) 802.11ax HE40 SU LPI 6525 MHz (CH115)

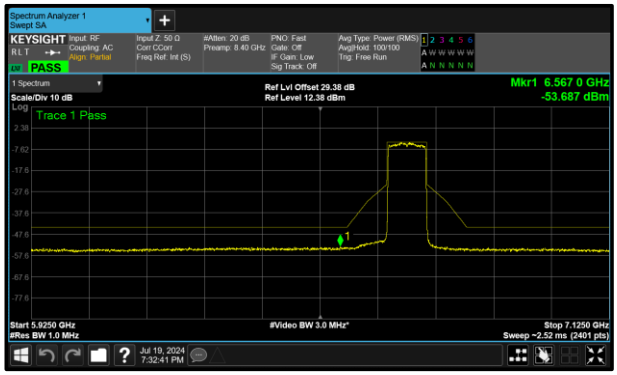

Figure 308 - A (Core 0) 802.11ax HE80 SU LPI 6705 MHz (CH151)

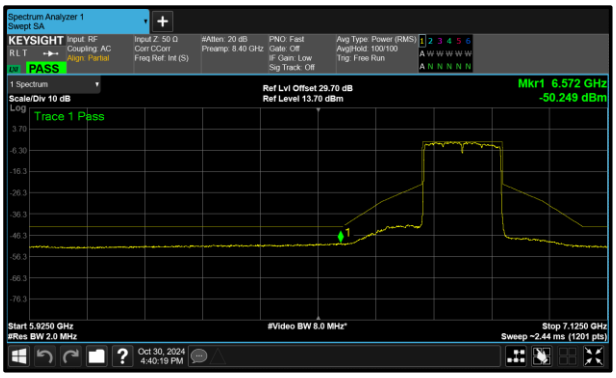

Figure 309 – A (Core 0) 802.11ax HE160 SU LPI 6825 MHz (CH175)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 LPI	5.10	6065.600
802.11ax HE20 RU26 LPI	4.63	6031.200
802.11ax HE20 RU52 LPI	4.10	6132.300

Table 308 - Unwanted Emissions Within the RLAN Band Summary Results

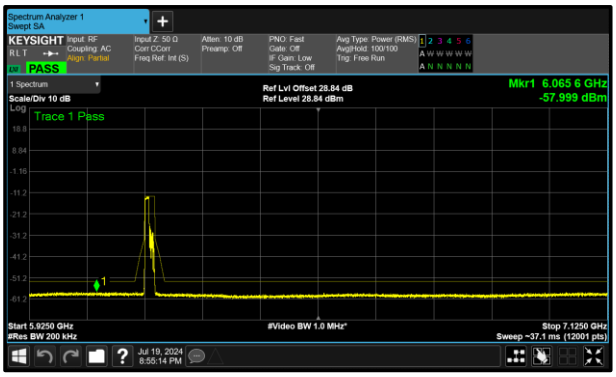

Figure 310 - A (Core 0) 802.11ax HE20 RU106 LPI 6175 MHz (CH45)

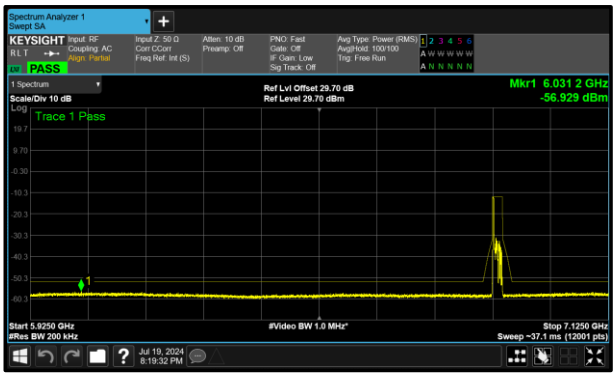

Figure 311 - A (Core 0) 802.11ax HE20 RU26 LPI 6895 MHz (CH189)

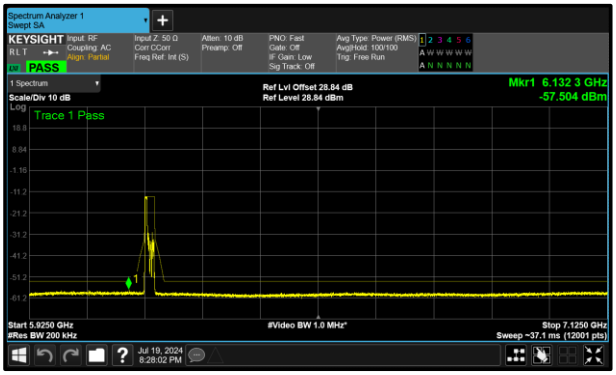

Figure 312 - A (Core 0) 802.11ax HE20 RU52 LPI 6175 MHz (CH45)

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11a 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	-	5.64	-	-
6175	5.33	-	-	-
6415	6.91	-	-	-
6435	6.84	-	-	-
6475	6.76	-	-	-
6515	6.77	-	-	-
6535	6.87	-	-	-
6695	7.15	-	-	-
6855	6.74	-	-	-
6875	6.09	-	-	-
6895	5.82	-	-	-
6995	6.37	-	-	-
7115	5.87	-	-	-

Table 309 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 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	-	16.94	-	-
6175	17.28	-	-	-
6415	16.08	-	-	-
6435	17.58	-	-	-
6475	17.12	-	-	-
6515	17.84	-	-	-
6535	16.53	-	-	-
6695	17.32	-	-	-
6855	16.97	-	-	-
6875	17.72	-	-	-
6895	17.42	-	-	-
6995	18.35	-	-	-
7095	16.75	-	-	-

Table 310 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5965	-	12.55	-	-
6165	11.72	-	-	-
6405	9.89	-	-	-
6445	10.53	-	-	-
6485	9.63	-	-	-
6525	9.31	-	-	-
6565	11.22	-	-	-
6685	11.50	-	-	-
6845	11.07	-	-	-
6885	10.27	-	-	-
6925	10.75	-	-	-
7005	11.84	-	-	-
7085	12.13	-	-	-

Table 311 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	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	-	10.38	-	-
6145	10.92	-	-	-
6385	11.08	-	-	-
6465	10.36	-	-	-
6545	10.83	-	-	-
6625	10.70	-	-	-
6705	9.39	-	-	-
6785	10.80	-	-	-
6865	11.25	-	-	-
6945	10.44	-	-	-
7025	10.03	-	-	-

Table 312 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE160 SU LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	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	-	8.16	-	-
6185	8.01	-	-	-
6345	8.39	-	-	-
6505	8.05	-	-	-
6665	8.42	-	-	-
6825	7.95	-	-	-
6985	8.45	-	-	-

Table 313 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU26 LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	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)	-	19.60	-	-
6175 (RU26.0)	19.31	-	-	-
6415 (RU26.8)	5.62	-	-	-
6435 (RU26.0)	5.63	-	-	-
6475 (RU26.0)	6.47	-	-	-
6515 (RU26.8)	6.48	-	-	-
6535 (RU26.0)	6.29	-	-	-
6695 (RU26.0)	6.39	-	-	-
6855 (RU26.8)	5.88	-	-	-
6875 (RU26.3)	5.04	-	-	-
6875 (RU26.5)	5.07	-	-	-
6895 (RU26.0)	4.63	-	-	-
6995 (RU26.0)	5.27	-	-	-
7095 (RU26.8)	4.66	-	-	-

Table 314 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU52 LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	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)	-	4.66	-	-
6175 (RU52.37)	4.10	-	-	-
6415 (RU52.40)	6.46	-	-	-
6435 (RU52.37)	6.27	-	-	-
6475 (RU52.37)	6.67	-	-	-
6515 (RU52.40)	6.28	-	-	-
6535 (RU52.37)	6.46	-	-	-
6695 (RU52.37)	6.59	-	-	-
6855 (RU52.40)	6.13	-	-	-
6875 (RU52.38)	5.27	-	-	-
6875 (RU52.39)	5.39	-	-	-
6895 (RU52.37)	5.22	-	-	-
6995 (RU52.37)	5.54	-	-	-
7095 (RU52.40)	5.44	-	-	-

Table 315 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU106 LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	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)	-	5.59	-	-
6175 (RU106.53)	5.10	-	-	-
6415 (RU106.54)	6.98	-	-	-
6435 (RU106.53)	6.60	-	-	-
6475 (RU106.53)	6.82	-	-	-
6515 (RU106.54)	6.41	-	-	-
6535 (RU106.53)	6.69	-	-	-
6695 (RU106.53)	6.63	-	-	-
6855 (RU106.54)	6.38	-	-	-
6875 (RU106.53)	5.50	-	-	-
6875 (RU106.54)	5.75	-	-	-
6895 (RU106.53)	6.24	-	-	-
6995 (RU106.53)	5.69	-	-	-
7095 (RU106.54)	5.86	-	-	-

Table 316 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11a SP	8.06	6531.500
802.11ax HE20 SU SP	5.79	6395.300
802.11ax HE40 SU SP	5.45	6521.429
802.11ax HE80 SU SP	4.69	6554.000
802.11ax HE160 SU SP	4.41	6090.000

Table 317 - Unwanted Emissions Within the RLAN Band Summary Results

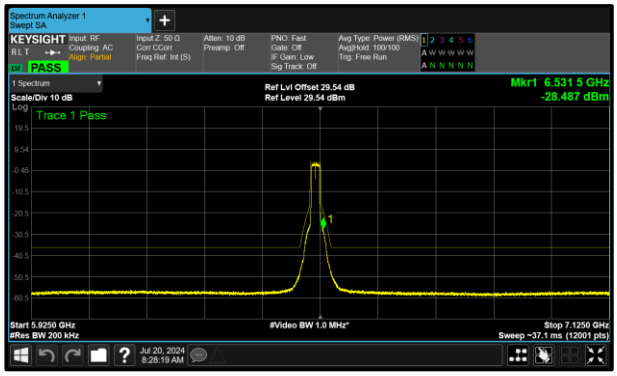

Figure 313 - A (Core 0) 802.11a SP 6515 MHz (CH113)

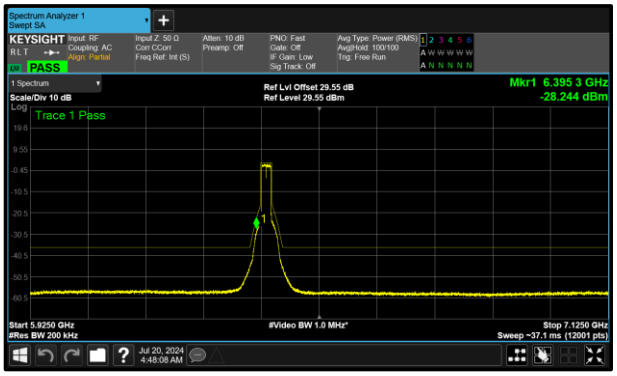

Figure 314 - A (Core 0) 802.11ax HE20 SU SP 6415 MHz (CH93)

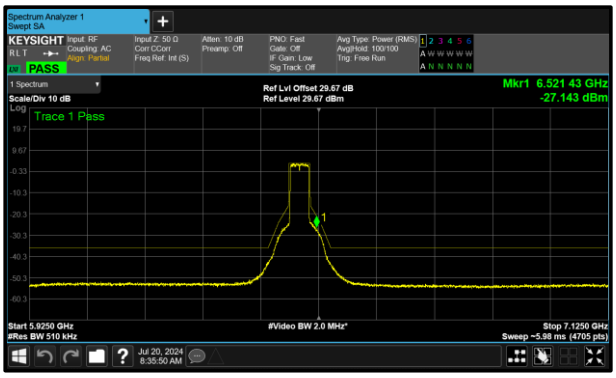

Figure 315 - A (Core 0) 802.11ax HE40 SU SP 6485 MHz (CH107)

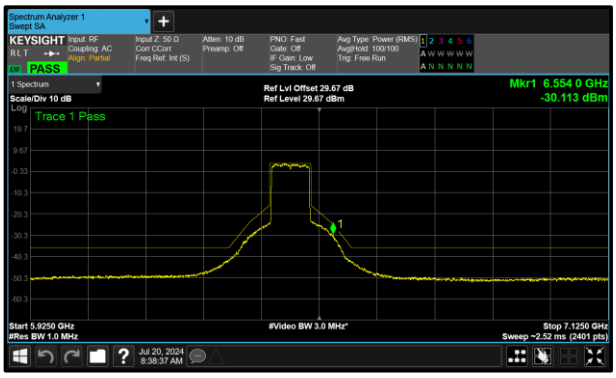

Figure 316 - A (Core 0) 802.11ax HE80 SU SP 6465 MHz (CH103)

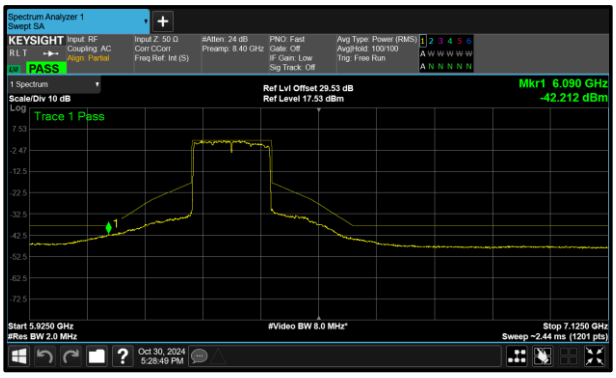

Figure 317 – A (Core 0) 802.11ax HE160 SU SP 6345 MHz (CH79)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 SP	12.45	6426.700
802.11ax HE20 RU26 SP	18.27	6865.700
802.11ax HE20 RU52 SP	16.92	6524.100

Table 318 - Unwanted Emissions Within the RLAN Band Summary Results

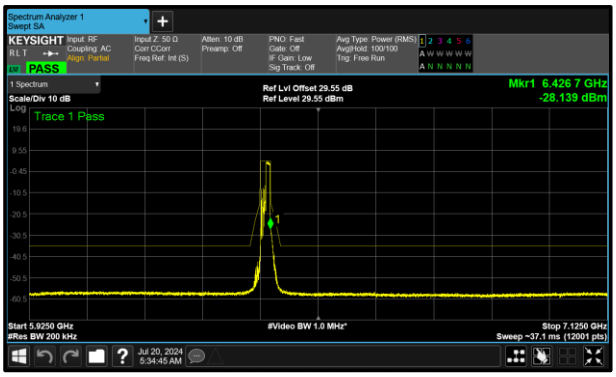

Figure 318 - A (Core 0) 802.11ax HE20 RU106 SP 6415 MHz (CH93)

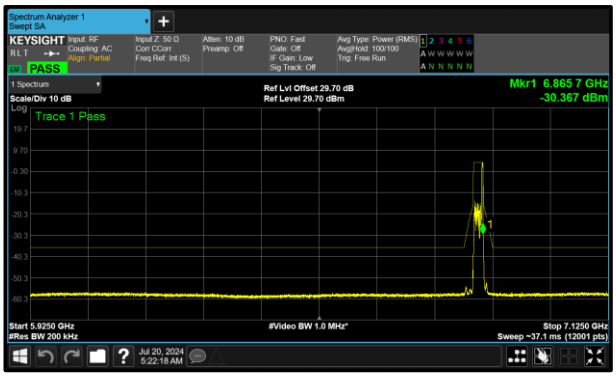

Figure 319 - A (Core 0) 802.11ax HE20 RU26 SP 6855 MHz (CH181)

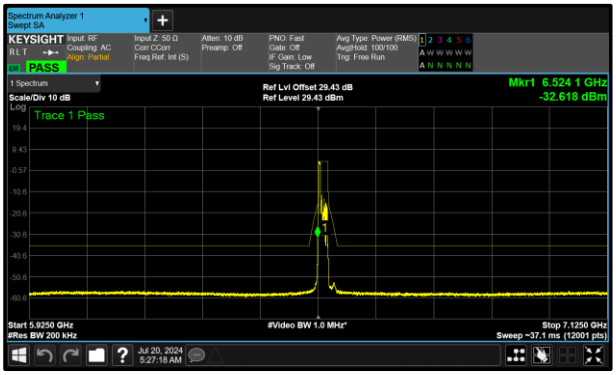

Figure 320 - A (Core 0) 802.11ax HE20 RU52 SP 6535 MHz (CH117)

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11a 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	-	11.15	-	-
6175	10.60	-	-	-
6415	8.45	-	-	-
6435	8.66	-	-	-
6475	8.17	-	-	-
6515	8.06	-	-	-
6535	8.21	-	-	-
6695	9.26	-	-	-
6855	9.26	-	-	-

Table 319 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 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	-	8.21	-	-
6175	9.07	-	-	-
6415	5.79	-	-	-
6435	7.07	-	-	-
6475	5.92	-	-	-
6515	6.66	-	-	-
6535	6.14	-	-	-
6695	8.39	-	-	-
6855	7.86	-	-	-

Table 320 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE40 SU SP	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	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	-	8.83	-	-
6165	7.32	-	-	-
6405	6.42	-	-	-
6445	5.99	-	-	-
6485	5.45	-	-	-
6525	6.11	-	-	-
6565	5.74	-	-	-
6685	6.71	-	-	-
6845	7.40	-	-	-

Table 321 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5985	-	7.12	-	-
6145	5.19	-	-	-
6385	6.78	-	-	-
6465	4.69	-	-	-
6545	4.78	-	-	-
6625	8.21	-	-	-
6705	5.30	-	-	-
6785	5.88	-	-	-

Table 322 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE160 SU SP	Duty Cycle (%):	-
Modulation Coding Scheme:	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	-	6.93	-	-
6185	4.59	-	-	-
6345	4.41	-	-	-
6505	4.82	-	-	-
6665	5.46	-	-	-

Table 323 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU26 SP	Duty Cycle (%):	-
Modulation Coding Scheme:	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)	-	19.56	-	-
6175 (RU26.0)	18.97	-	-	-
6415 (RU26.8)	18.29	-	-	-
6435 (RU26.0)	20.15	-	-	-
6475 (RU26.0)	18.68	-	-	-
6515 (RU26.8)	18.89	-	-	-
6535 (RU26.0)	18.74	-	-	-
6695 (RU26.0)	19.66	-	-	-
6855 (RU26.8)	18.27	-	-	-

Table 324 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU52 SP	Duty Cycle (%):	-
Modulation Coding Scheme:	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)	-	20.04	-	-
6175 (RU52.37)	18.26	-	-	-
6415 (RU52.40)	19.45	-	-	-
6435 (RU52.37)	18.62	-	-	-
6475 (RU52.37)	18.44	-	-	-
6515 (RU52.40)	19.31	-	-	-
6535 (RU52.37)	16.92	-	-	-
6695 (RU52.37)	19.54	-	-	-
6855 (RU52.40)	20.73	-	-	-

Table 325 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU106.53)	-	17.12	-	-
6175 (RU106.53)	16.04	-	-	-
6415 (RU106.54)	12.45	-	-	-
6435 (RU106.53)	14.08	-	-	-
6475 (RU106.53)	13.91	-	-	-
6515 (RU106.54)	14.20	-	-	-
6535 (RU106.53)	14.09	-	-	-
6695 (RU106.53)	15.65	-	-	-
6855 (RU106.54)	16.24	-	-	-

Table 326 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11a VLP	5.12	6956.800
802.11ax HE20 SU VLP	5.89	6981.100
802.11ax HE40 SU VLP	3.85	5963.520
802.11ax HE80 SU VLP	3.69	6353.500
802.11ax HE160 SU VLP	7.71	5932.000

Table 327 - Unwanted Emissions Within the RLAN Band Summary Results

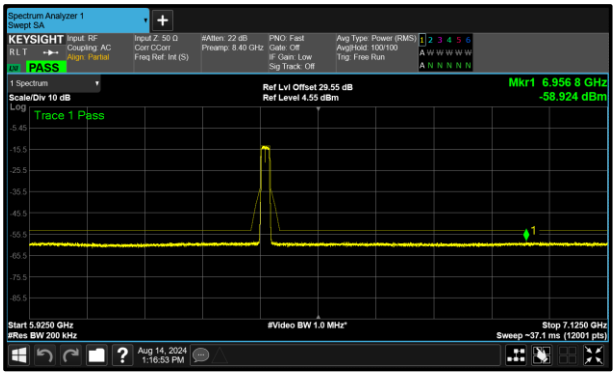

Figure 321 – A (Core 0) 802.11a VLP 6415 MHz (CH93)

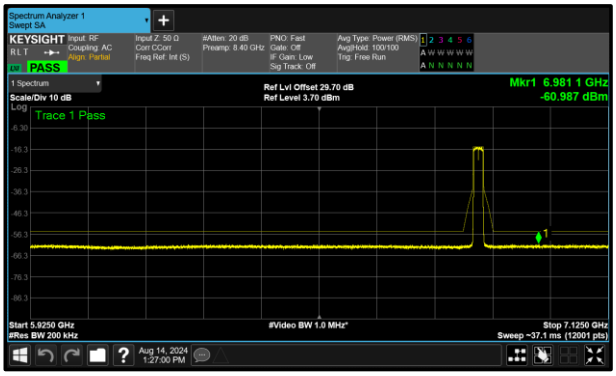

Figure 322 – A (Core 0) 802.11ax HE20 SU VLP 6855 MHz (CH181)

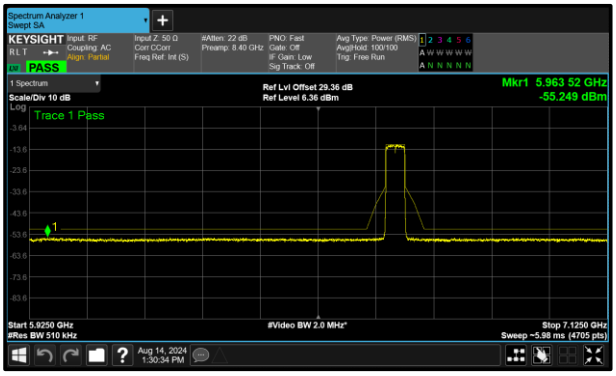

Figure 323 – A (Core 0) 802.11ax HE40 SU VLP 6685 MHz (CH147)

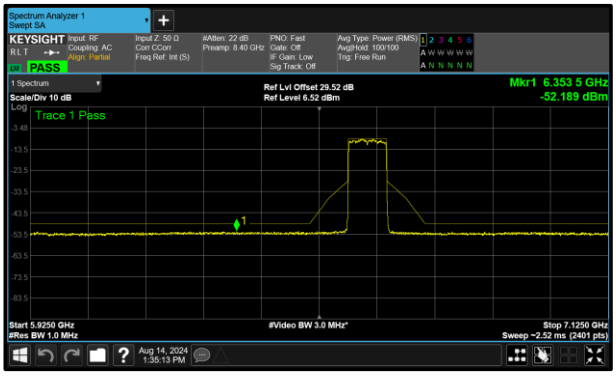

Figure 324 – A (Core 0) 802.11ax HE80 SU VLP 6625 MHz (CH135)

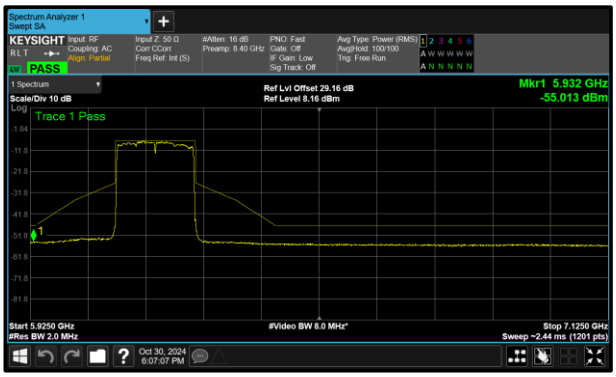

Figure 325 – A (Core 0) 802.11ax HE160 SU VLP 6185 MHz (CH47)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 VLP	8.31	5965.200
802.11ax HE20 RU52 VLP	10.01	6011.300

Table 328 - Unwanted Emissions Within the RLAN Band Summary Results

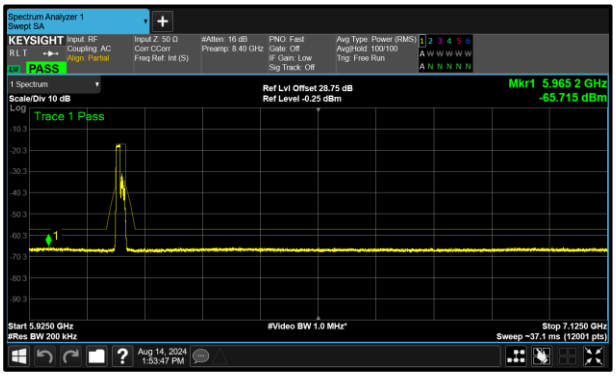

Figure 326 – A (Core 0) 802.11ax HE20 RU106 VLP 6115 MHz (CH33)

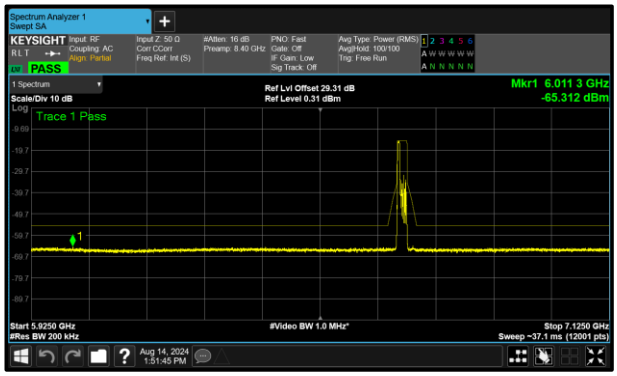

Figure 327 – A (Core 0) 802.11ax HE20 RU52 VLP 6695 MHz (CH149)

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:	802.11a VLP	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
6115	7.98	-	-	-
6255	7.77	-	-	-
6415	5.12	-	-	-
6535	10.29	-	-	-
6695	10.66	-	-	-
6855	6.42	-	-	-

Table 329 - 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 SU VLP	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
6115	8.12	-	-	-
6255	7.96	-	-	-
6415	9.93	-	-	-
6535	6.10	-	-	-
6695	10.34	-	-	-
6855	5.89	-	-	-

Table 330 - 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 HE40 SU VLP	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
6125	4.34	-	-	-
6245	5.81	-	-	-
6405	4.31	-	-	-
6565	3.89	-	-	-
6685	3.85	-	-	-
6845	7.87	-	-	-

Table 331 - 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 HE80 SU VLP	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
6145	4.37	-	-	-
6225	4.51	-	-	-
6385	3.94	-	-	-
6625	3.69	-	-	-
6705	7.90	-	-	-
6785	8.13	-	-	-

Table 332 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(b)	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):	A (Core 0)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6185	7.71	-	-	-
6345	8.66	-	-	-
6665	8.48	-	-	-

Table 333 - 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 RU52 VLP	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
6275 (RU52.37)	10.73	-	-	-
6335 (RU52.37)	10.64	-	-	-
6415 (RU52.40)	10.18	-	-	-
6535 (RU52.37)	10.34	-	-	-
6695 (RU52.37)	10.01	-	-	-
6855 (RU52.40)	10.34	-	-	-

Table 334 - 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):	A (Core 0)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6115 (RU106.53)	8.31	-	-	-
6255 (RU106.53)	8.43	-	-	-
6415 (RU106.54)	10.21	-	-	-
6535 (RU106.53)	10.12	-	-	-
6695 (RU106.53)	10.48	-	-	-
6855 (RU106.54)	10.11	-	-	-

Table 335 - Unwanted Emissions Within the Band Results

MIMO CDD

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU LPI	15.36	5990.200
802.11ax HE40 SU LPI	8.77	6230.102
802.11ax HE80 SU LPI	8.98	6333.000
802.11ax HE160 SU LPI	7.07	5945.000

Table 336 - Unwanted Emissions Within the RLAN Band Summary Results

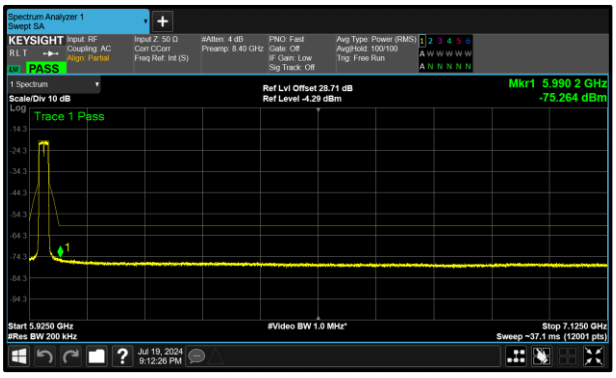

Figure 328 - A (Core 0) 802.11ax HE20 SU LPI 5955 MHz (CH1)

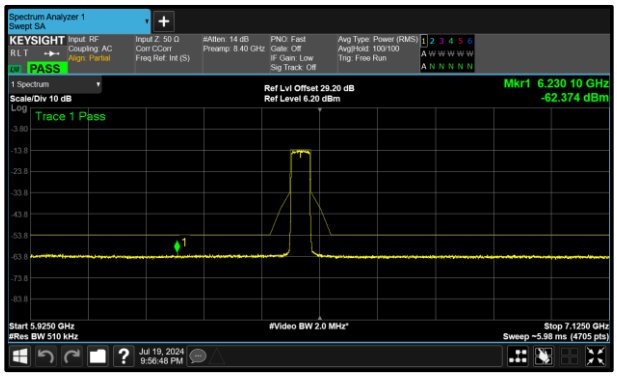

Figure 329 - B (Core 1) 802.11ax HE40 SU LPI 6485 MHz (CH107)

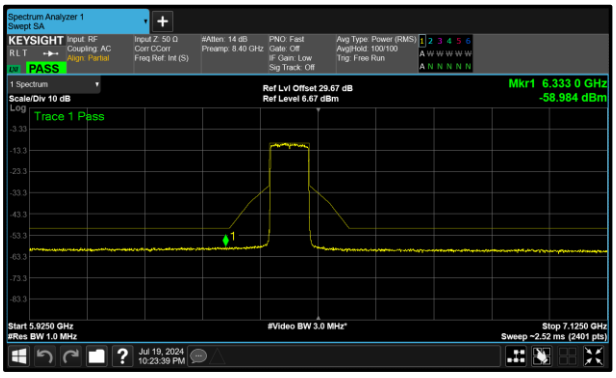

Figure 330 - A (Core 0) 802.11ax HE80 SU LPI 6465 MHz (CH103)

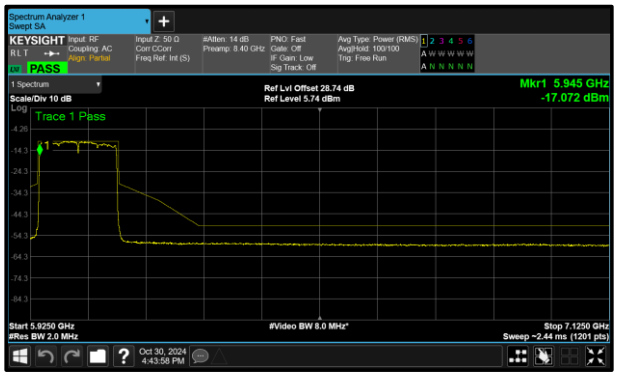

Figure 331 – A (Core 0) 802.11ax HE160 SU LPI 6025 MHz (CH15)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 LPI	4.26	6303.200
802.11ax HE20 RU26 LPI	15.06	6425.600
802.11ax HE20 RU52 LPI	14.45	6525.700

Table 337 - Unwanted Emissions Within the RLAN Band Summary Results

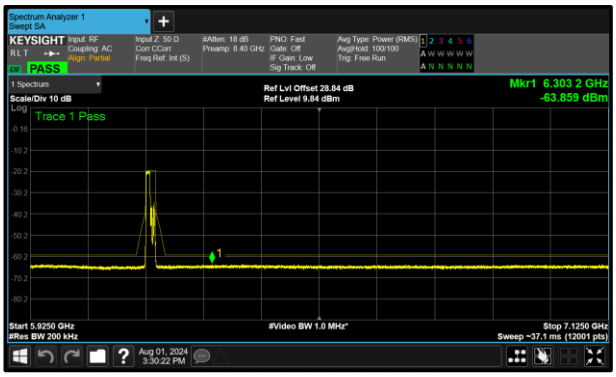

Figure 332 - A (Core 0) 802.11ax HE20 RU106 LPI 6175 MHz (CH45)

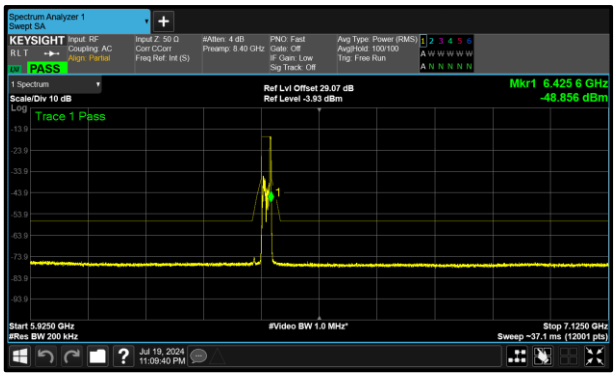

Figure 333 - B (Core 1) 802.11ax HE20 RU26 LPI 6415 MHz (CH93)

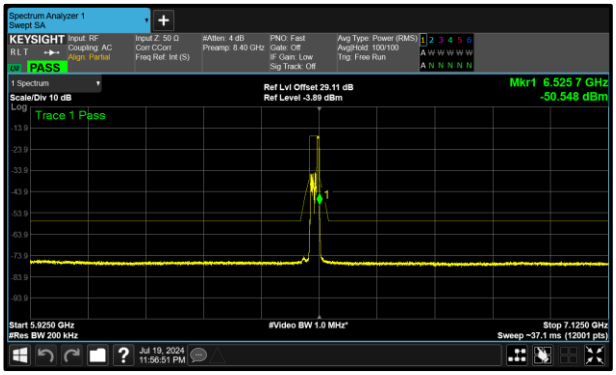

Figure 334 - B (Core 1) 802.11ax HE20 RU52 LPI 6515 MHz (CH113)

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 SU LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	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	15.36	16.08	-	-
6175	15.83	16.49	-	-
6415	17.20	17.04	-	-
6435	17.28	17.79	-	-
6475	17.08	17.72	-	-
6515	17.11	17.30	-	-
6535	17.09	16.92	-	-
6695	16.77	17.00	-	-
6855	16.51	16.59	-	-
6875	16.29	16.43	-	-
6895	16.92	16.38	-	-
6995	17.26	16.25	-	-
7095	16.47	16.34	-	-

Table 338 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE40 SU LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	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	10.79	11.20	-	-
6165	11.07	11.78	-	-
6405	9.37	11.19	-	-
6445	10.57	9.34	-	-
6485	10.71	8.77	-	-
6525	10.80	10.52	-	-
6565	10.70	9.17	-	-
6685	11.10	11.29	-	-
6845	10.78	11.15	-	-
6885	10.63	9.41	-	-
6925	10.26	10.71	-	-
7005	12.07	12.32	-	-
7085	11.00	10.69	-	-

Table 339 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	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	10.98	9.66	-	-
6145	9.21	10.93	-	-
6385	10.79	10.91	-	-
6465	8.98	9.08	-	-
6545	9.22	9.22	-	-
6625	9.02	10.73	-	-
6705	10.48	9.22	-	-
6785	10.88	10.63	-	-
6865	10.38	10.68	-	-
6945	10.75	10.80	-	-
7025	10.44	10.33	-	-

Table 340 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE160 SU LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	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	7.07	8.04	-	-
6185	7.66	8.15	-	-
6345	7.66	7.74	-	-
6505	8.11	7.89	-	-
6665	8.37	9.06	-	-
6825	8.25	8.42	-	-
6985	8.22	8.25	-	-

Table 341 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6275 (RU26.0)	17.91	17.73	-	-
6335 (RU26.0)	18.02	18.10	-	-
6415 (RU26.8)	18.33	15.06	-	-
6435 (RU26.0)	18.71	17.77	-	-
6475 (RU26.0)	17.63	17.75	-	-
6515 (RU26.8)	18.27	17.48	-	-
6535 (RU26.0)	18.57	17.21	-	-
6695 (RU26.0)	18.41	18.25	-	-
6855 (RU26.8)	18.67	15.59	-	-
6875 (RU26.3)	17.66	17.75	-	-
6875 (RU26.5)	17.64	17.56	-	-
6895 (RU26.0)	17.41	17.92	-	-
6995 (RU26.0)	18.05	17.77	-	-
7095 (RU26.8)	17.50	16.18	-	-

Table 342 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU52.37)	16.36	17.33	-	-
6175 (RU52.37)	16.30	17.17	-	-
6415 (RU52.40)	17.98	16.45	-	-
6435 (RU52.37)	18.66	17.78	-	-
6475 (RU52.37)	18.55	18.32	-	-
6515 (RU52.40)	18.24	14.45	-	-
6535 (RU52.37)	18.97	17.86	-	-
6695 (RU52.37)	18.16	17.29	-	-
6855 (RU52.40)	17.91	15.99	-	-
6875 (RU52.38)	17.83	16.92	-	-
6875 (RU52.39)	18.11	17.47	-	-
6895 (RU52.37)	17.71	17.09	-	-
6995 (RU52.37)	18.29	17.85	-	-
7095 (RU52.40)	17.94	16.09	-	-

Table 343 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU106 LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	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)	6.24	4.60	-	-
6175 (RU106.53)	4.26	5.12	-	-
6415 (RU106.54)	8.22	6.10	-	-
6435 (RU106.53)	8.11	7.69	-	-
6475 (RU106.53)	7.99	5.62	-	-
6515 (RU106.54)	6.02	8.18	-	-
6535 (RU106.53)	7.96	7.91	-	-
6695 (RU106.53)	8.36	7.01	-	-
6855 (RU106.54)	8.29	7.35	-	-
6875 (RU106.53)	7.51	6.91	-	-
6875 (RU106.54)	7.55	7.16	-	-
6895 (RU106.53)	7.44	7.11	-	-
6995 (RU106.53)	7.72	6.39	-	-
7095 (RU106.54)	7.41	6.89	-	-

Table 344 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU SP	10.40	6442.200
802.11ax HE40 SU SP	5.16	6521.429
802.11ax HE80 SU SP	5.16	6786.500
802.11ax HE160 SU SP	3.23	6092.000

Table 345 - Unwanted Emissions Within the RLAN Band Summary Results

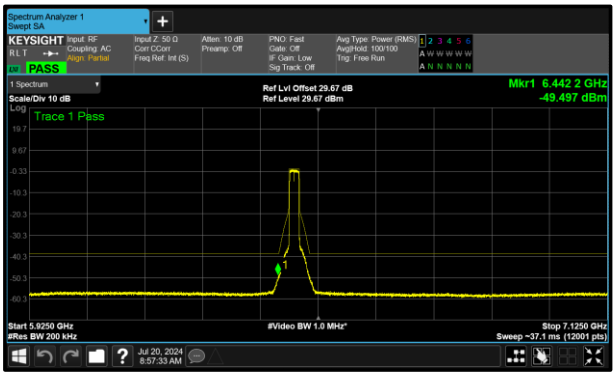

Figure 335 - A (Core 0) 802.11ax HE20 SU SP 6475 MHz (CH105)

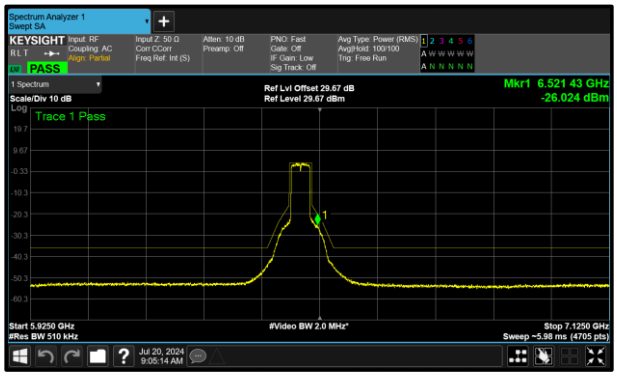

Figure 336 - A (Core 0) 802.11ax HE40 SU SP 6485 MHz (CH107)

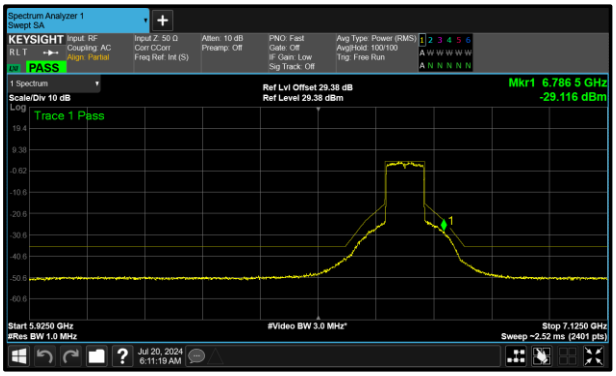

Figure 337 - A (Core 0) 802.11ax HE80 SU SP 6705 MHz (CH151)

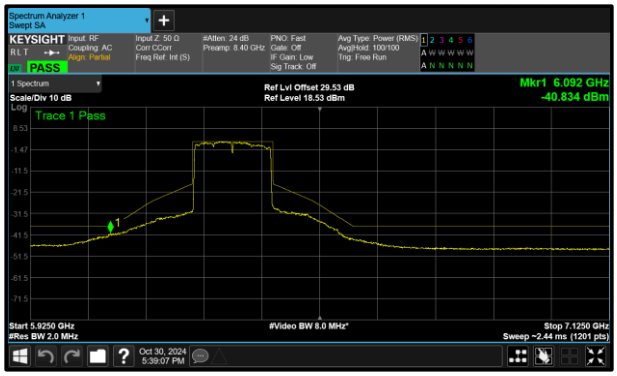

Figure 338 – A (Core 0) 802.11ax HE160 SU SP 6345 MHz (CH79)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 SP	15.92	5988.500
802.11ax HE20 RU26 SP	15.78	5997.400
802.11ax HE20 RU52 SP	16.02	6002.800

Table 346 - Unwanted Emissions Within the RLAN Band Summary Results

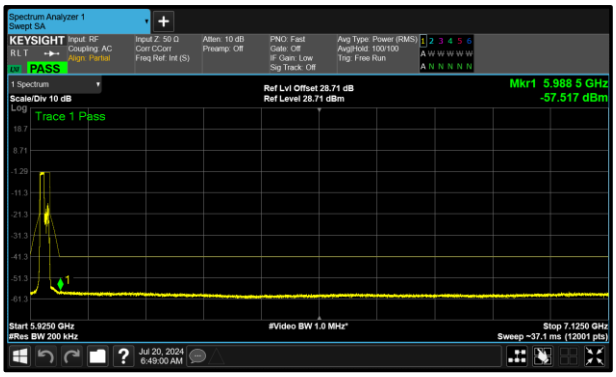

Figure 339 - A (Core 0) 802.11ax HE20 RU106 SP 5955 MHz (CH1)

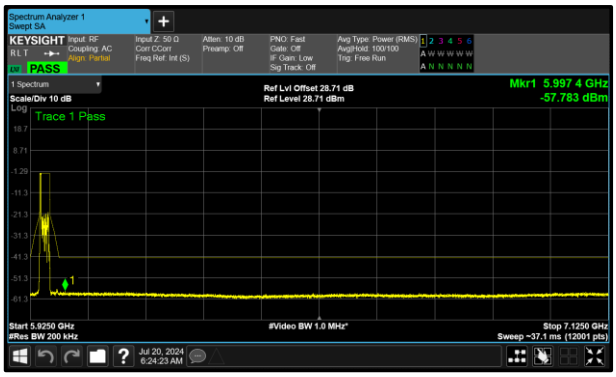

Figure 340 - A (Core 0) 802.11ax HE20 RU26 SP 5955 MHz (CH1)

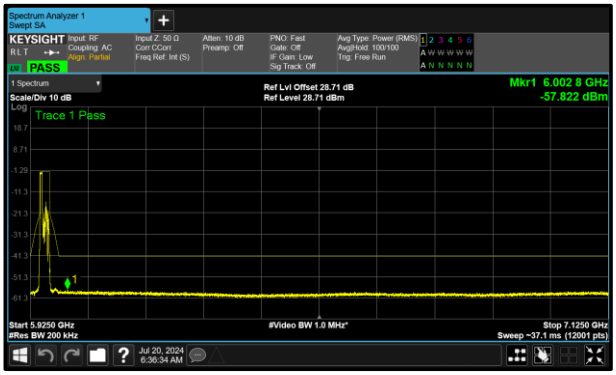

Figure 341 - A (Core 0) 802.11ax HE20 RU52 SP 5955 MHz (CH1)

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 SU SP	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	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	15.15	15.47	-	-
6175	15.59	15.77	-	-
6415	10.43	11.65	-	-
6435	10.69	10.94	-	-
6475	10.40	10.77	-	-
6515	10.77	10.61	-	-
6535	11.66	11.56	-	-
6695	12.35	13.36	-	-
6855	13.22	12.22	-	-

Table 347 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE40 SU SP	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	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	12.27	13.53	-	-
6165	8.63	9.42	-	-
6405	6.22	6.47	-	-
6445	7.38	7.55	-	-
6485	5.16	8.22	-	-
6525	5.38	7.90	-	-
6565	5.74	7.52	-	-
6685	5.84	6.98	-	-
6845	6.58	6.77	-	-

Table 348 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE80 SU SP	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	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	5.79	7.15	-	-
6145	5.23	5.41	-	-
6385	6.89	7.48	-	-
6465	7.48	6.20	-	-
6545	6.81	5.77	-	-
6625	6.57	6.57	-	-
6705	5.16	5.35	-	-
6785	5.76	6.32	-	-

Table 349 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE160 SU SP	Duty Cycle (%):	-
Modulation Coding Scheme:	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	5.98	6.40	-	-
6185	4.64	4.41	-	-
6345	3.23	4.44	-	-
6505	4.89	4.75	-	-
6665	4.20	5.20	-	-

Table 350 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU26 SP	Duty Cycle (%):	-
Modulation Coding Scheme:	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)	15.78	16.77	-	-
6175 (RU26.0)	16.88	16.76	-	-
6415 (RU26.8)	18.07	17.02	-	-
6435 (RU26.0)	18.49	18.37	-	-
6475 (RU26.0)	18.68	17.25	-	-
6515 (RU26.8)	17.28	16.62	-	-
6535 (RU26.0)	18.07	18.03	-	-
6695 (RU26.0)	18.14	17.83	-	-
6855 (RU26.8)	18.11	16.52	-	-

Table 351 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU52.37)	16.02	16.58	-	-
6175 (RU52.37)	16.42	17.19	-	-
6415 (RU52.40)	17.98	16.14	-	-
6435 (RU52.37)	17.77	18.46	-	-
6475 (RU52.37)	18.26	17.50	-	-
6515 (RU52.40)	17.97	16.65	-	-
6535 (RU52.37)	18.14	17.99	-	-
6695 (RU52.37)	17.74	17.96	-	-
6855 (RU52.40)	18.15	16.52	-	-

Table 352 - Unwanted Emissions Within the Band Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(b)(7) RSS-248 4.6.2	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU106 SP	Duty Cycle (%):	-
Modulation Coding Scheme:	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)	15.92	16.54	-	-
6175 (RU106.53)	16.28	16.27	-	-
6415 (RU106.54)	17.93	17.84	-	-
6435 (RU106.53)	18.03	17.63	-	-
6475 (RU106.53)	17.88	17.81	-	-
6515 (RU106.54)	17.88	17.51	-	-
6535 (RU106.53)	17.79	17.74	-	-
6695 (RU106.53)	18.46	17.44	-	-
6855 (RU106.54)	18.03	18.23	-	-

Table 353 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU VLP	5.12	5928.200
802.11ax HE40 SU VLP	5.21	6026.276
802.11ax HE80 SU VLP	4.89	6065.500
802.11ax HE160 SU VLP	7.56	5939.000

Table 354 - Unwanted Emissions Within the RLAN Band Summary Results

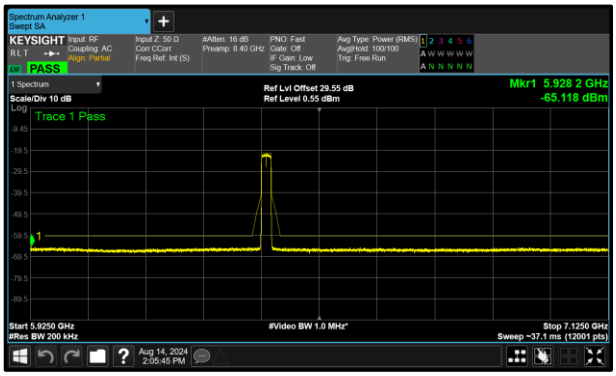

Figure 342 - A(Core 0) 802.11ax HE20 SU VLP 6415 MHz (CH93)

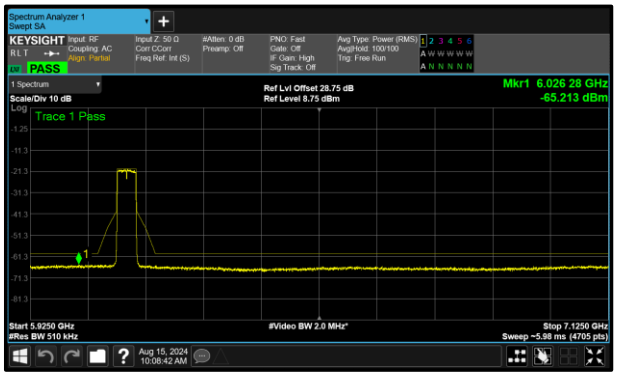

Figure 343 - A(Core 0) 802.11ax HE40 SU VLP 6125 MHz (CH35)

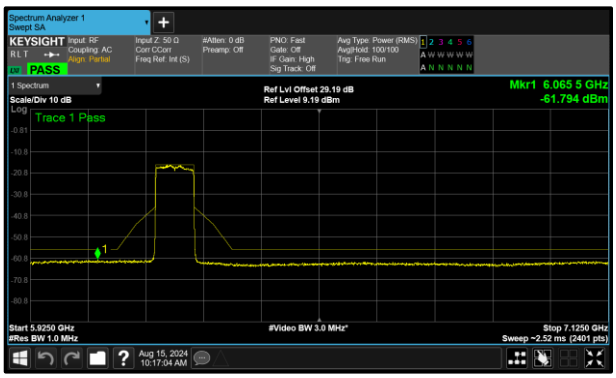

Figure 344 - A(Core 0) 802.11ax HE80 SU VLP 6225 MHz (CH55)

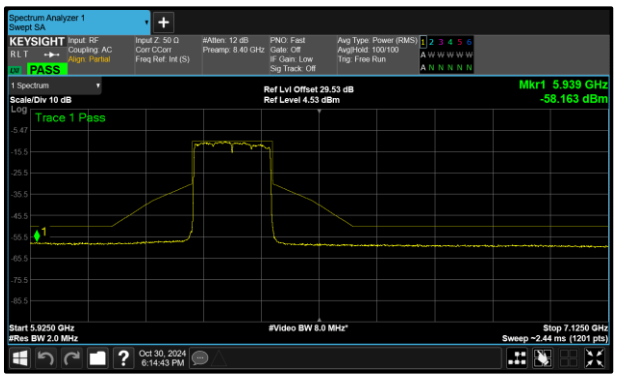

Figure 345 – A (Core 0) 802.11ax HE160 SU VLP 6345 MHz (CH79)

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)	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6275	5.52	6.08	-	-
6335	5.52	5.92	-	-
6415	5.12	5.54	-	-
6535	8.78	9.30	-	-
6695	8.85	5.51	-	-
6855	8.54	9.01	-	-

Table 355 - 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 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	5.21	5.51	-	-
6245	5.30	5.95	-	-
6405	6.94	7.48	-	-
6565	6.82	7.03	-	-
6685	7.01	6.07	-	-
6845	6.64	6.49	-	-

Table 356 - 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 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	5.72	5.79	-	-
6225	4.89	6.13	-	-
6385	6.44	6.70	-	-
6625	6.73	6.55	-	-
6705	6.74	7.11	-	-
6785	6.81	7.41	-	-

Table 357 - 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 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	8.16	8.55	-	-
6345	7.56	8.42	-	-
6665	8.27	9.14	-	-

Table 358 - Unwanted Emissions Within the Band Results

MIMO SDM

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU LPI	15.71	6442.300
802.11ax HE40 SU LPI	9.82	6002.551
802.11ax HE80 SU LPI	8.34	6932.000
802.11ax HE160 SU LPI	8.03	6745.000

Table 359 - Unwanted Emissions Within the RLAN Band Summary Results

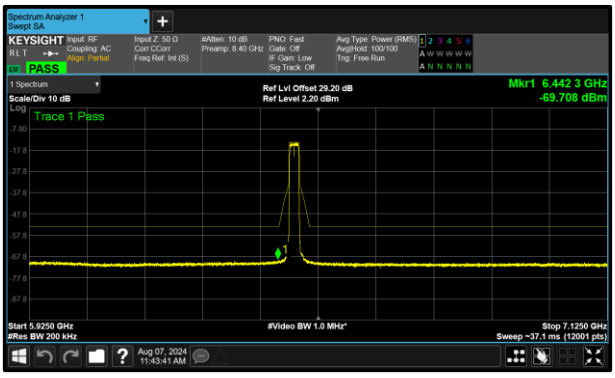

Figure 346 - B (Core 1) 802.11ax HE20 SU LPI 6475 MHz (CH105)

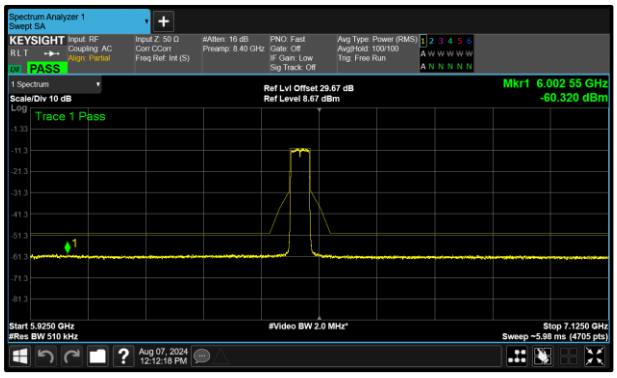

Figure 347 - A (Core 0) 802.11ax HE40 SU LPI 6485 MHz (CH107)

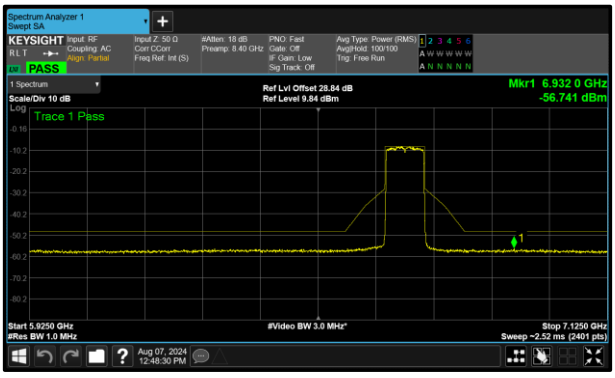

Figure 348 - B (Core 1) 802.11ax HE80 SU LPI 6705 MHz (CH151)

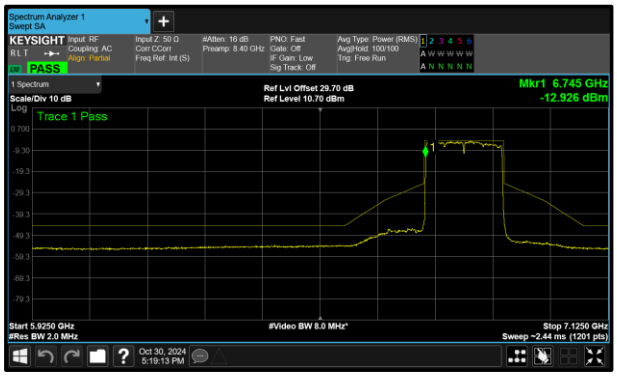

Figure 349 – A (Core 0) 802.11ax HE160 SU LPI 6825 MHz (CH175)