Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5459.584	34.40	54.00	-19.60	RMS	188	373	Horizontal
5459.729	34.40	54.00	-19.60	RMS	21	314	Vertical
19306.020	46.55	63.50	-16.95	RMS	304	100	Vertical

Table 330 - U-NII-6 - 6435 MHz (CH97), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

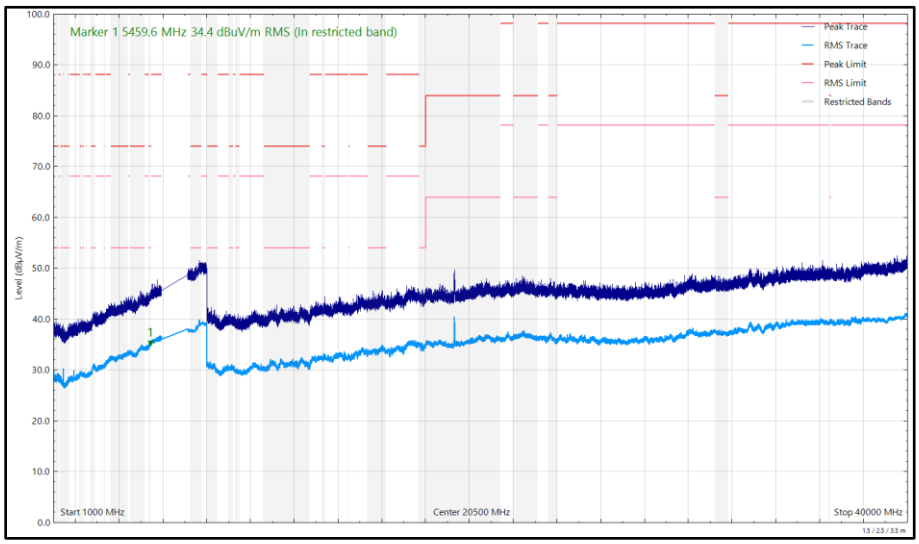

Figure 273 - U-NII-6 - 6435 MHz (CH97), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

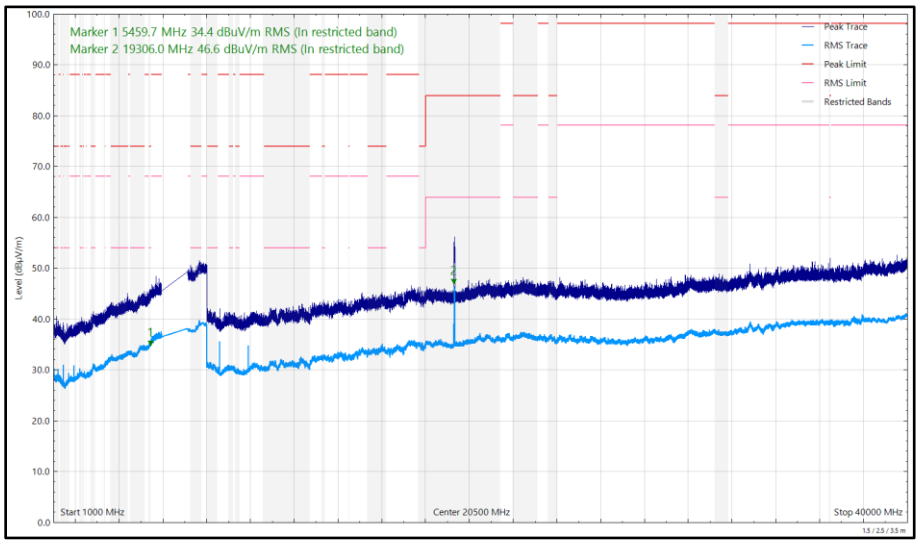

Figure 274 - U-NII-6 - 6435 MHz (CH97), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
32.402	20.57	40.00	-19.43	Q-Peak	359	100	Vertical
201.848	22.35	43.50	-21.15	Q-Peak	358	109	Vertical
402.137	25.04	46.00	-20.96	Q-Peak	52	100	Horizontal
5459.286	35.02	54.00	-18.98	RMS	102	255	Vertical
5459.675	34.64	54.00	-19.36	RMS	216	117	Horizontal
19423.451	47.03	63.50	-16.47	RMS	230	100	Vertical

Table 331 - U-NII-6 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 10 dB of the limit.

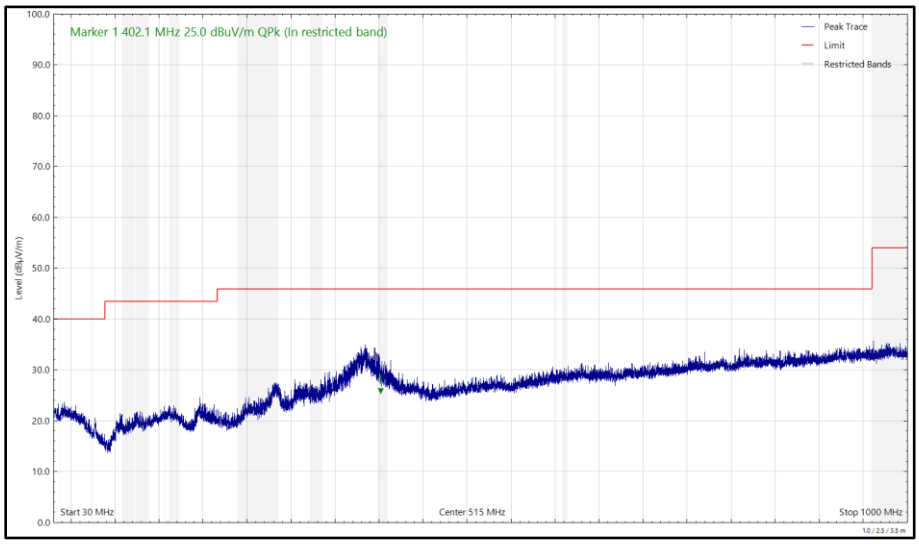

Figure 275 - U-NII-6 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

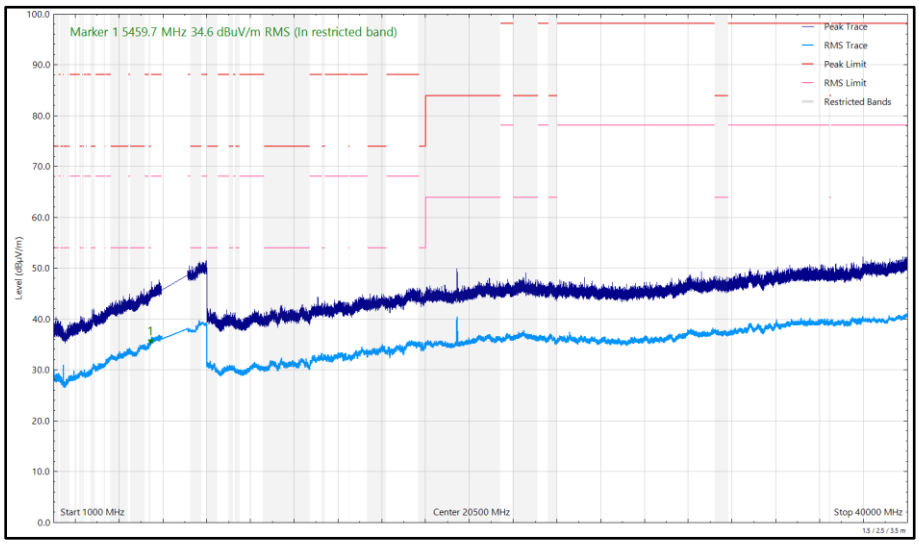

Figure 276 - U-NII-6 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

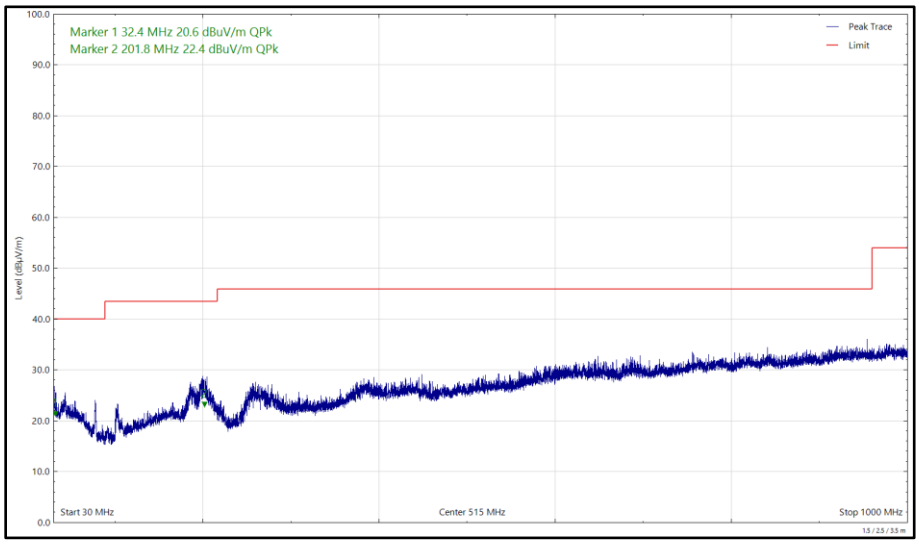

Figure 277 - U-NII-6 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

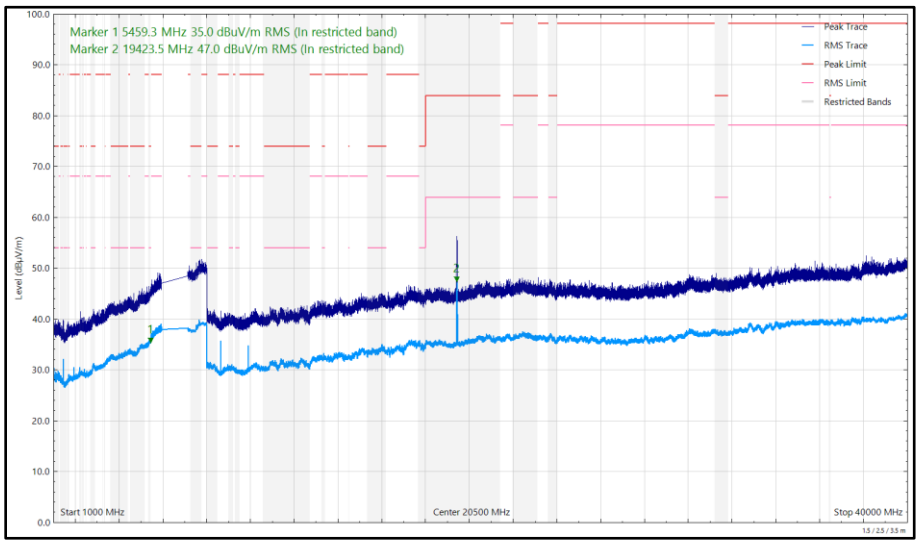

Figure 278 - U-NII-6 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5456.707	34.45	54.00	-19.55	RMS	94	395	Horizontal
5456.728	34.71	54.00	-19.29	RMS	88	399	Vertical
19546.184	46.34	63.50	-17.16	RMS	305	100	Vertical

Table 332 - U-NII-6 - 6515 MHz (CH113), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

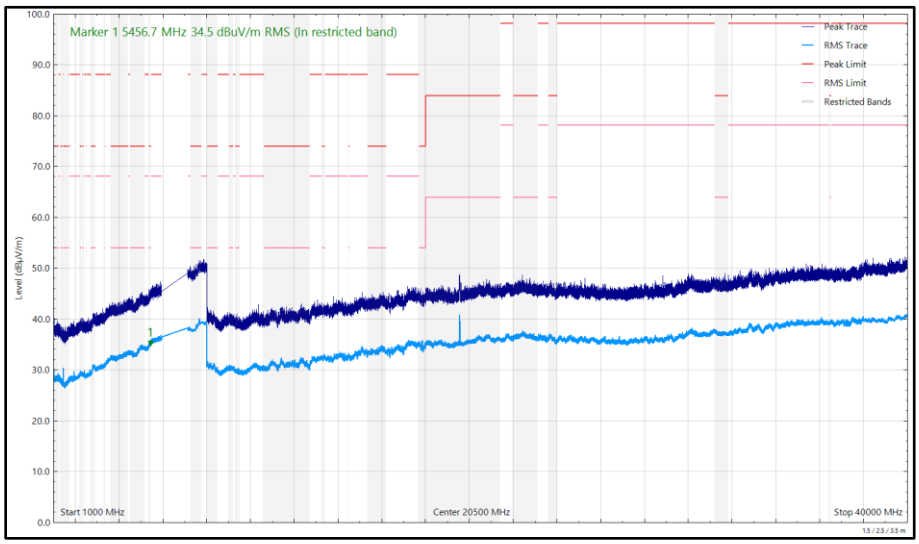

Figure 279 - U-NII-6 - 6515 MHz (CH113), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

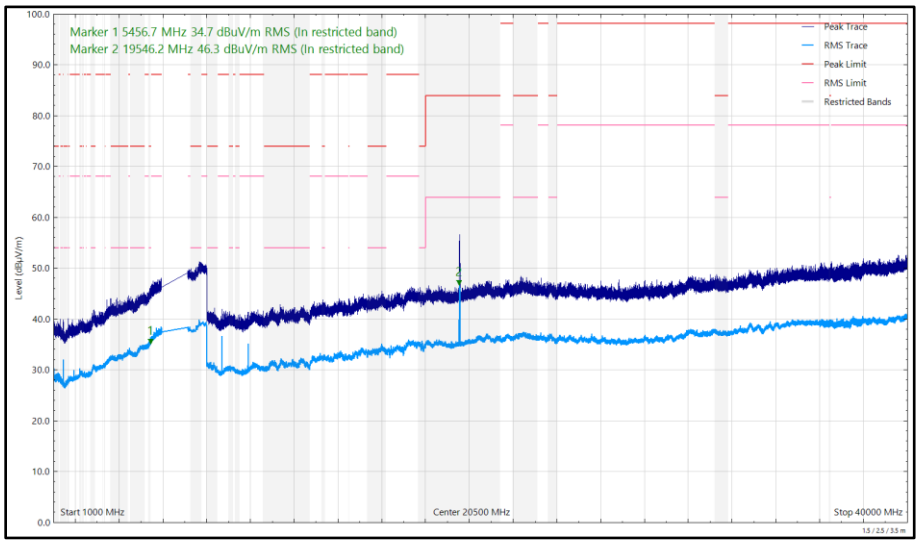

Figure 280 - U-NII-6 - 6515 MHz (CH113), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5456.158	34.77	54.00	-19.23	RMS	354	383	Horizontal
5458.840	35.18	54.00	-18.82	RMS	128	321	Vertical
19606.140	47.89	63.50	-15.61	RMS	235	100	Vertical

Table 333 - U-NII-7 - 6535 MHz (CH117), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

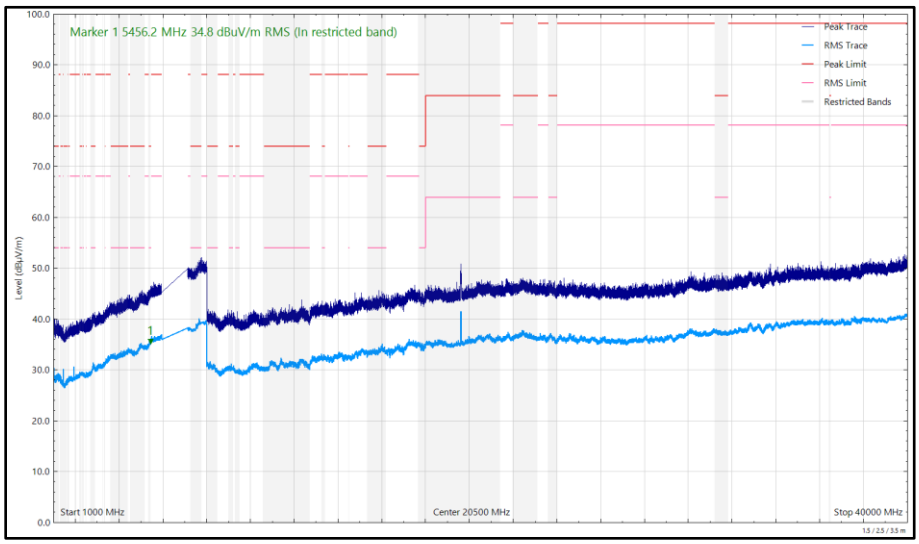

Figure 281 - U-NII-7 - 6535 MHz (CH117), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

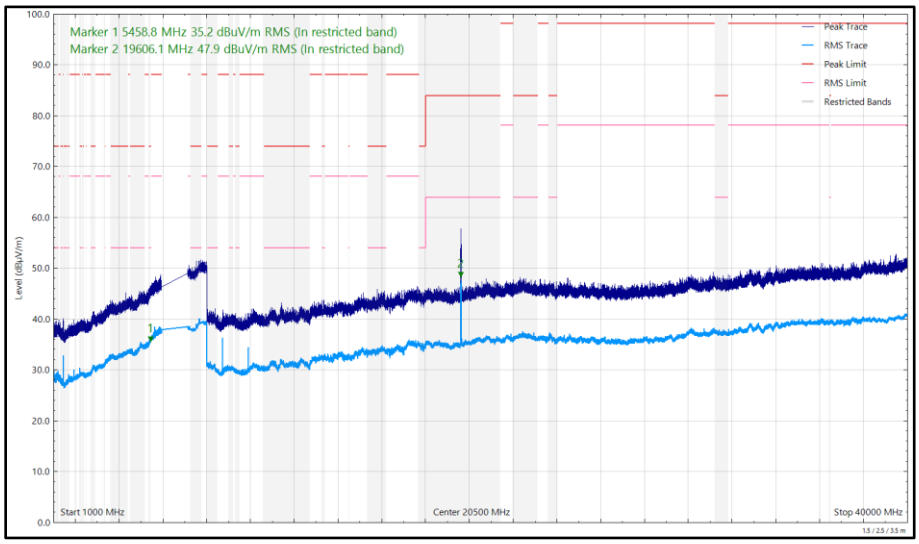

Figure 282 - U-NII-7 - 6535 MHz (CH117), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
258.769	20.01	46.00	-25.99	Q-Peak	178	108	Vertical
401.407	24.83	46.00	-21.17	Q-Peak	57	100	Horizontal
5457.634	34.80	54.00	-19.20	RMS	219	400	Horizontal
5459.787	34.85	54.00	-19.15	RMS	40	374	Vertical
20084.036	48.59	63.50	-14.91	RMS	224	100	Vertical

Table 334 - 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.

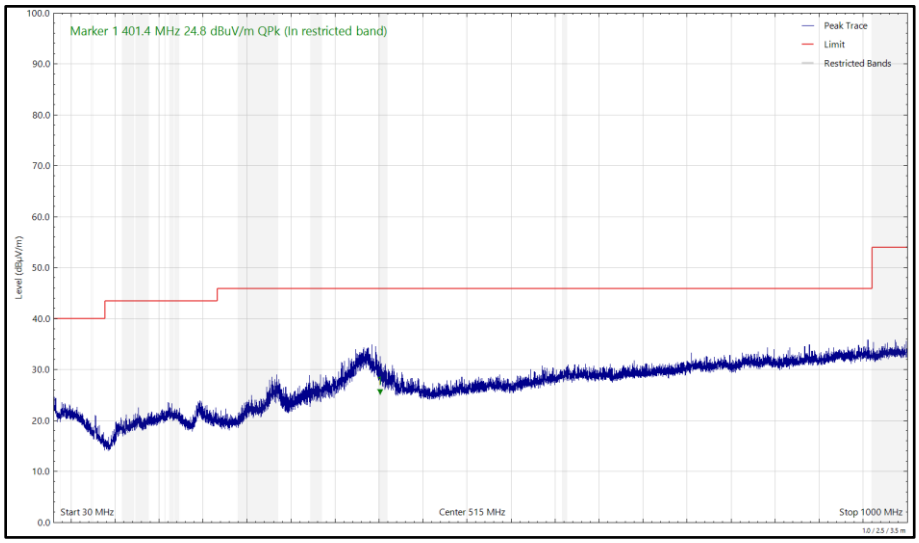

Figure 283 - U-NII-7 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

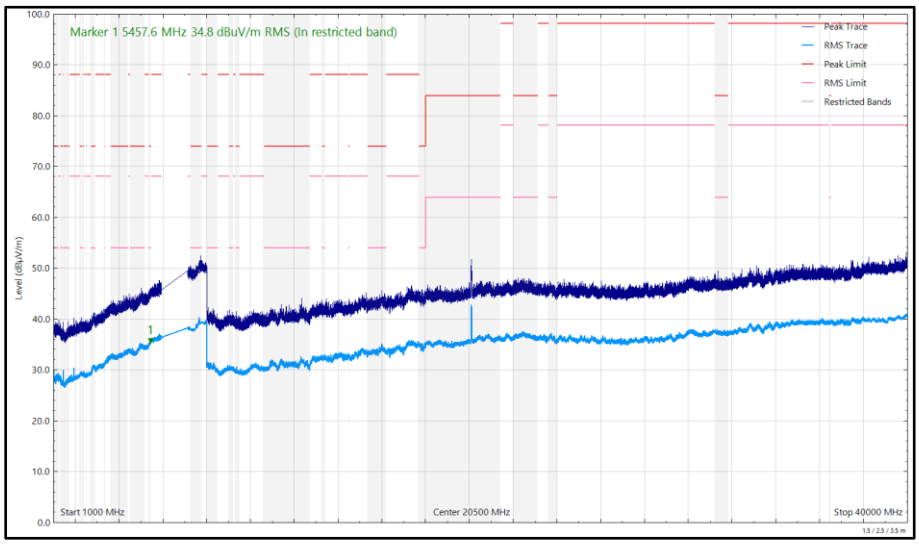

Figure 284 - U-NII-7 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

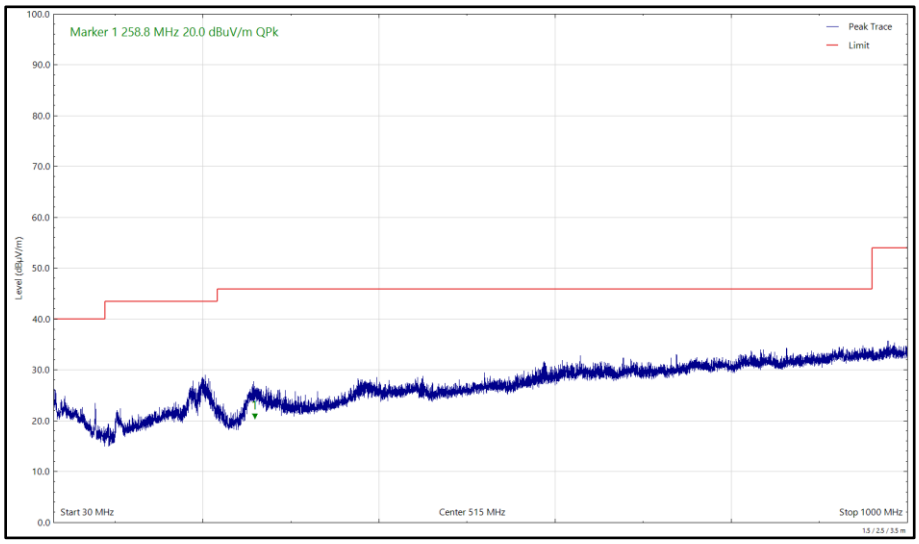

Figure 285 - U-NII-7 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

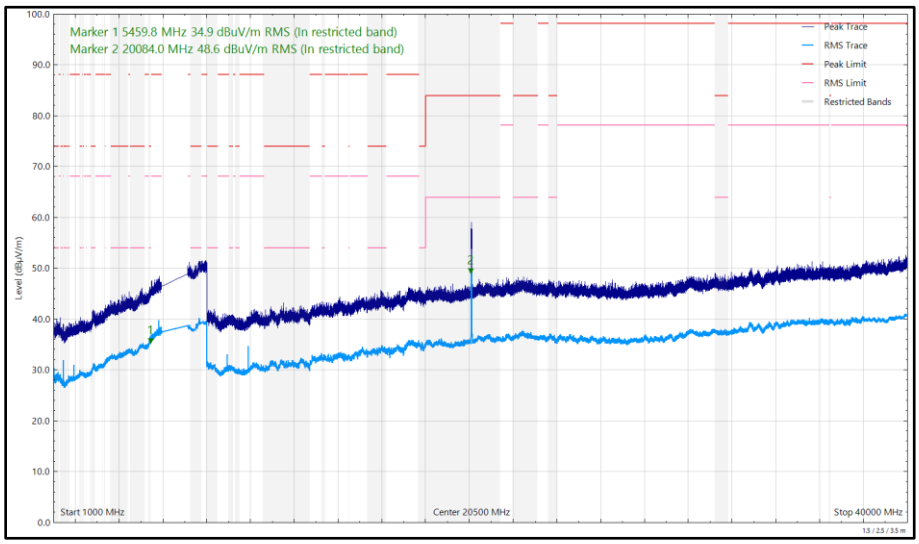

Figure 286 - U-NII-7 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5432.214	34.48	54.00	-19.52	RMS	356	217	Horizontal
5432.659	34.70	54.00	-19.30	RMS	73	121	Vertical
20563.210	44.22	63.50	-19.28	RMS	228	100	Vertical

Table 335 - U-NII-7 - 6855 MHz (CH181), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

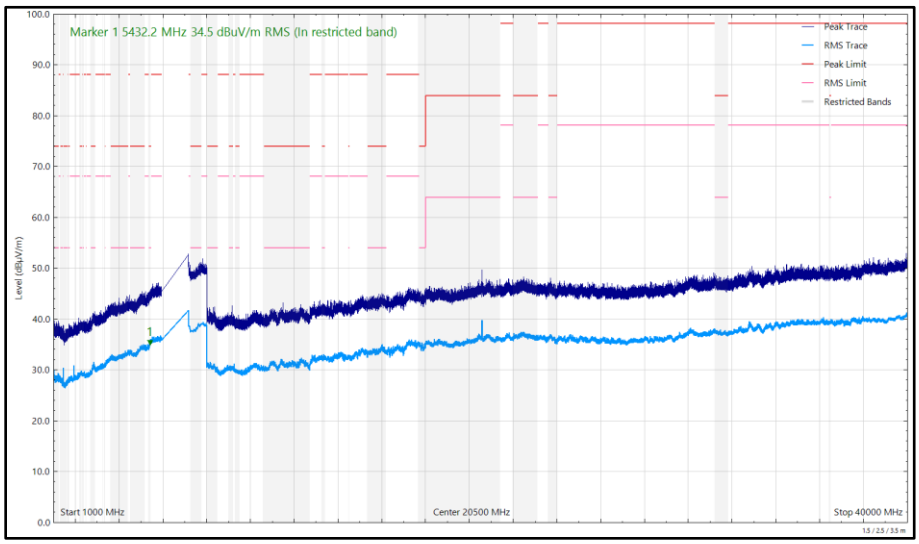

Figure 287 - U-NII-7 - 6855 MHz (CH181), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

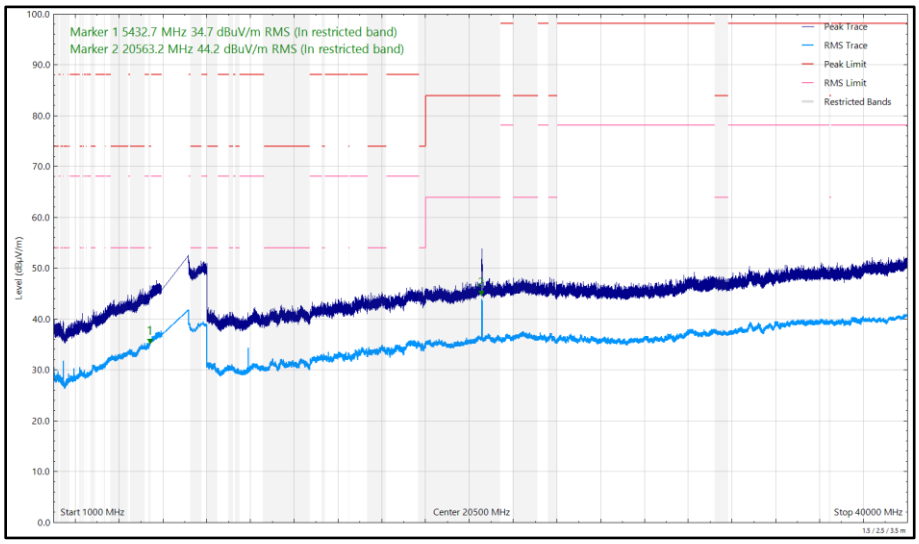

Figure 288 - U-NII-7 - 6855 MHz (CH181), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5451.973	34.48	54.00	-19.52	RMS	255	373	Horizontal
5454.434	34.56	54.00	-19.44	RMS	137	386	Vertical

Table 336 - 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.

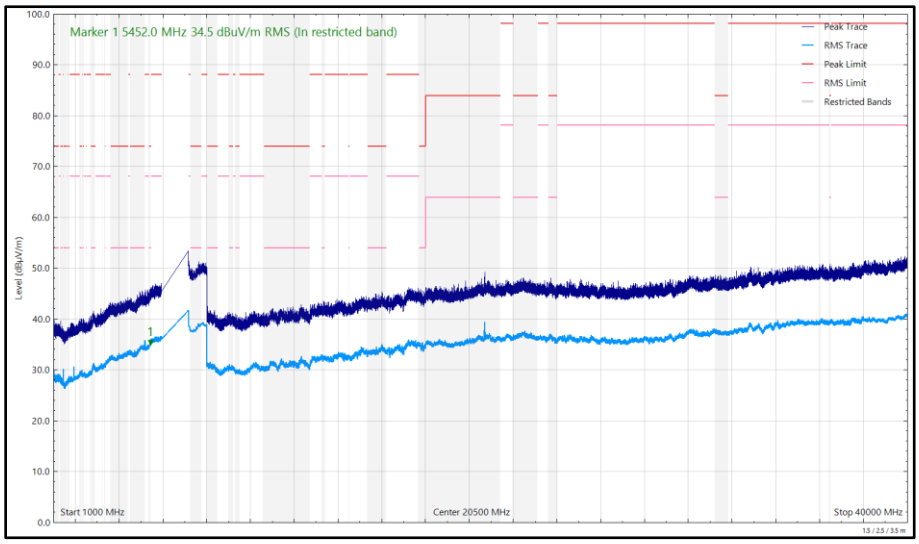

Figure 289 - U-NII-8 - 6895 MHz (CH189), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

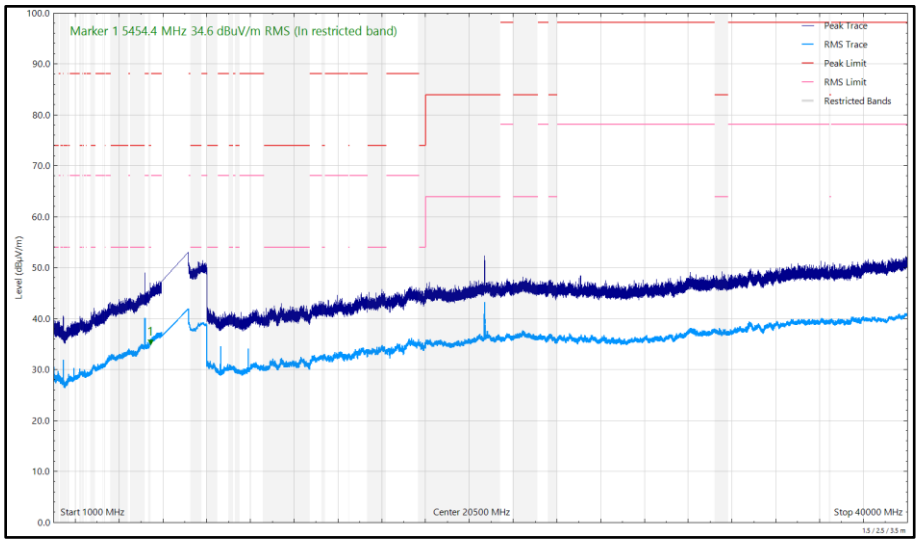

Figure 290 - U-NII-8 - 6895 MHz (CH189), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
400.835	24.37	46.00	-21.63	Q-Peak	40	102	Horizontal
5452.435	34.49	54.00	-19.51	RMS	267	217	Horizontal
5458.888	34.77	54.00	-19.23	RMS	223	108	Vertical

Table 337 - 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.

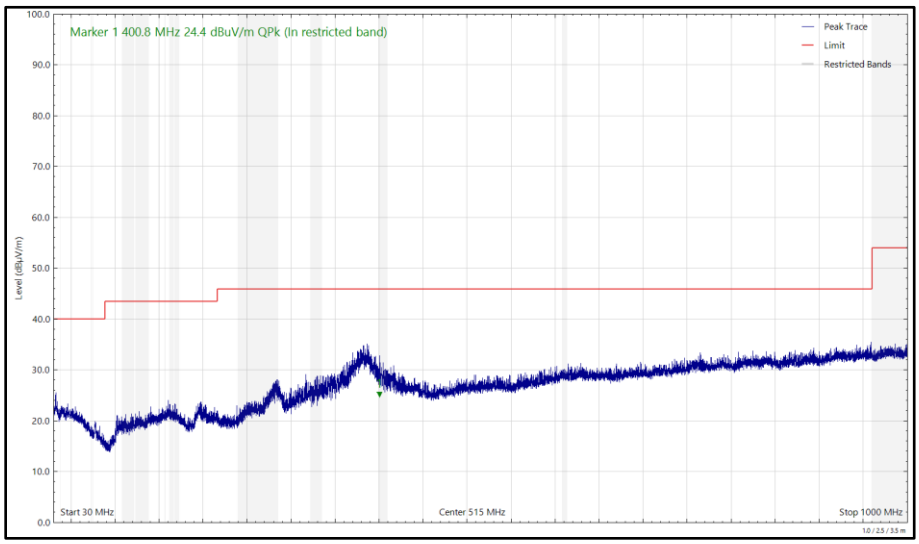

Figure 291 - U-NII-8 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

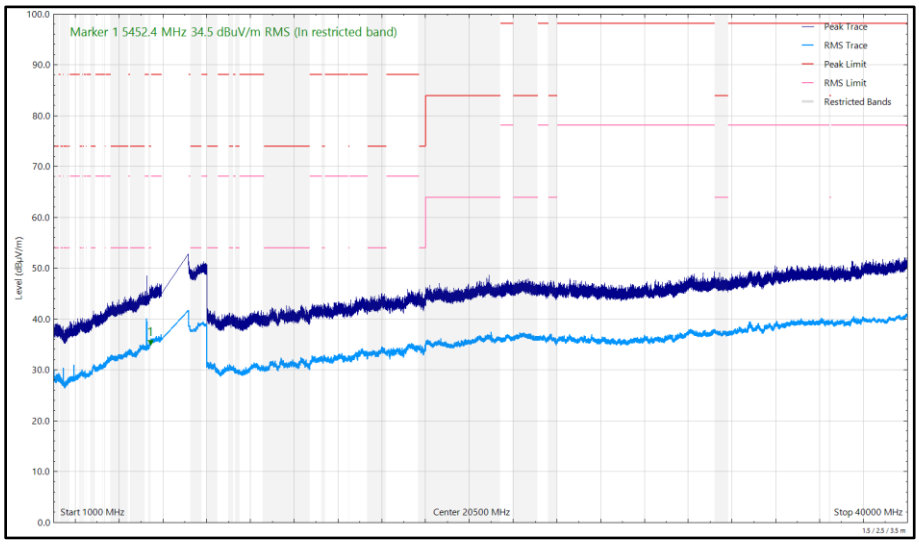

Figure 292 - U-NII-8 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

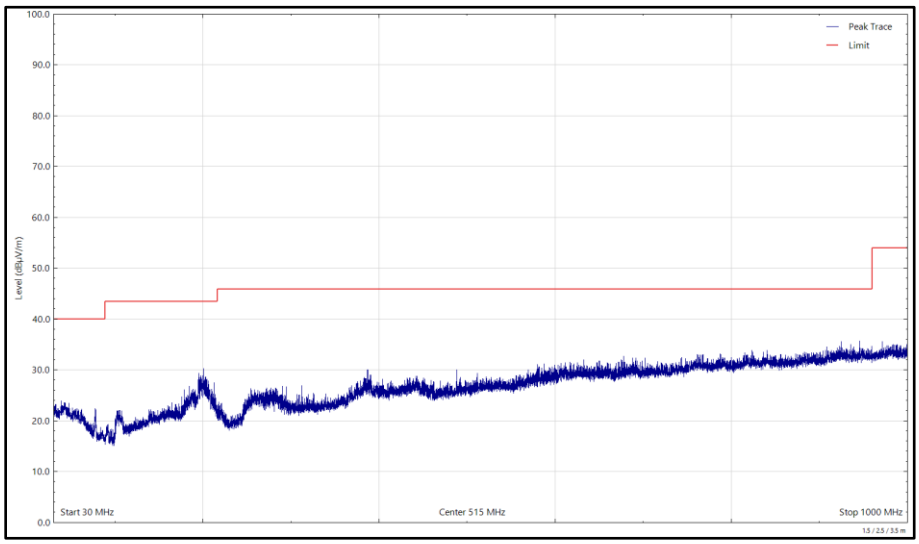

Figure 293 - U-NII-8 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

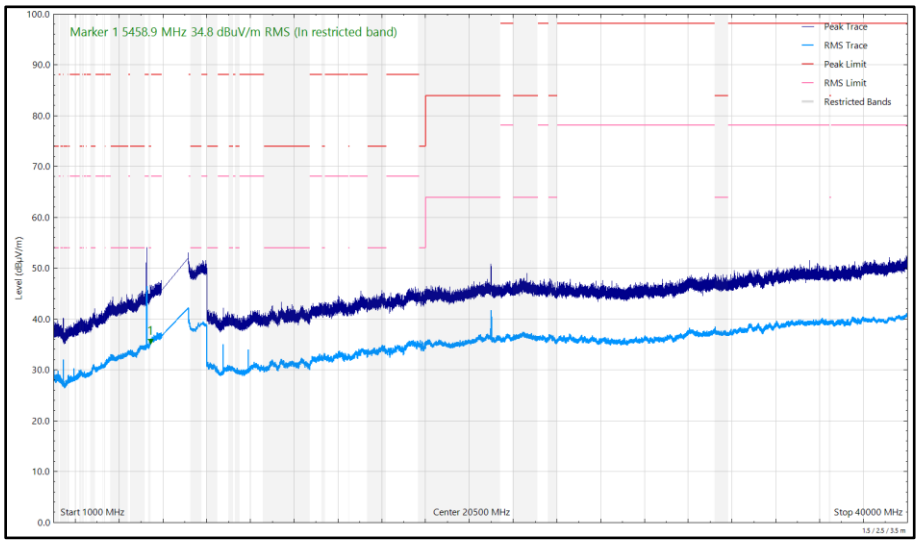

Figure 294 - U-NII-8 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5350.028	36.42	54.00	-17.58	RMS	273	153	Vertical
5457.276	34.56	54.00	-19.44	RMS	120	110	Horizontal
7155.138	53.15	68.20	-15.05	RMS	39	136	Vertical
21346.840	46.45	63.50	-17.05	RMS	226	100	Vertical

Table 338 - 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.

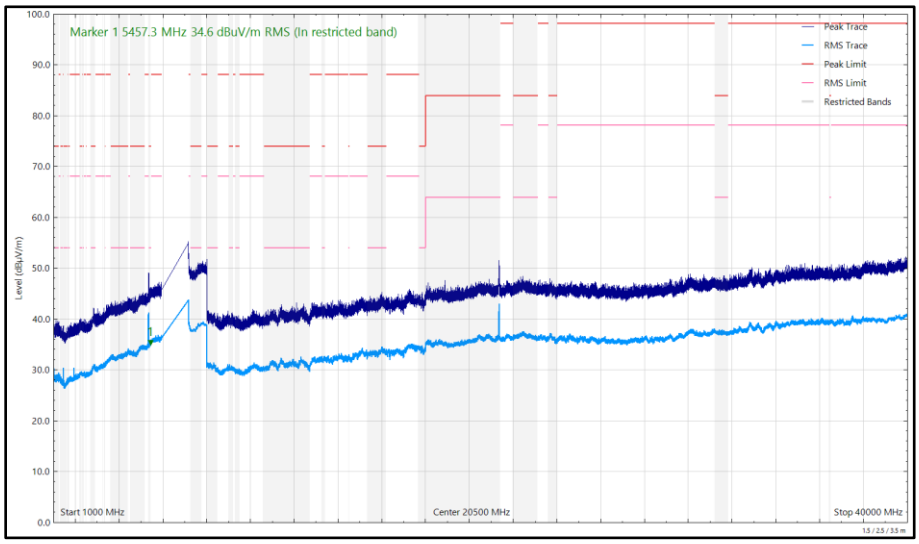

Figure 295 - U-NII-8 - 7115 MHz (CH233), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

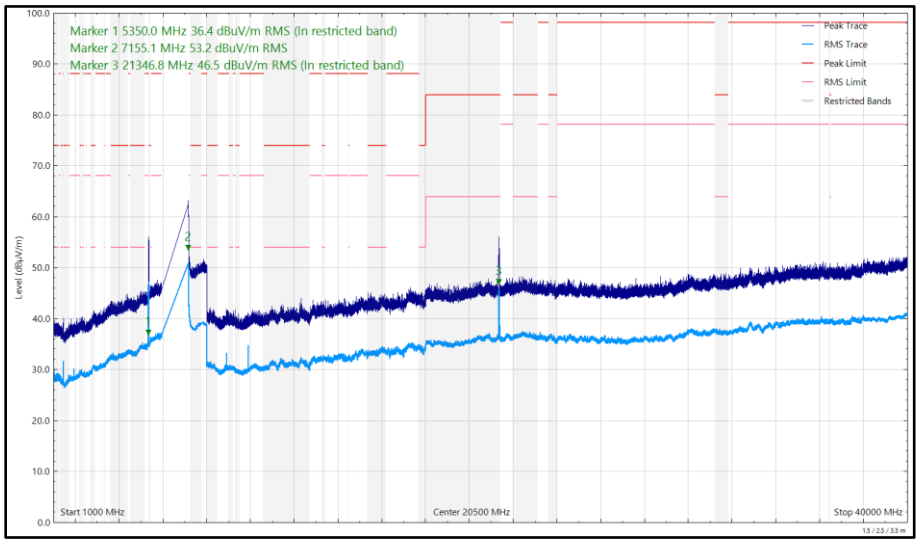

Figure 296 - U-NII-8 - 7115 MHz (CH233), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

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 339 - 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 340 - Radiated Emissions Limit Table (ISED)

2.7.8 Test Location and Test Equipment Used

This test was carried out in RF Chamber 17 and RF Chamber 18.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Emissions Software	TUV SUD	EmX V3.4.2	5125	-	Software
Cable (K Type 2m)	Junkosha	MWX241-02000KMSKMS/B	5935	12	10-Jun-2025
DRG Horn Antenna (7.5-18GHz)	Schwarzbeck	HWRD750	5940	12	05-May-2025
Cable (N to N 1m)	Junkosha	MWX221-01000AMSAMS/B	6009	12	20-May-2025

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
SAC Switch Unit	TUV SUD	TUV_SSU_001	6144	12	11-Dec-2024
Digital Multimeter	Fluke	115	6145	12	06-Jun-2025
Digital Multimeter	Fluke	115	6146	12	06-Jun-2025
Humidity & Temperature meter	R.S Components	1364	6149	12	12-Aug-2025
8GHz Highpass Filter	Wainwright	WHKX 7150 8000 18000 50SS	6195	12	23-Apr-2025
Pre Amp 8 - 18 GHz	Wright Technologies	APS06 0061	6198	12	03-Jun-2025
Attenuator 4dB	Pasternack	PE7074-4	6204	24	20-Jun-2026
Cable (SMA to SMA 20cm)	TUV SUD	MH-FH 8-18	6214	12	23-Apr-2025
USB Spectrum Analyser	Signal Hound	SA124B	6295	-	TU
USB Spectrum Analyser	Signal Hound	SA124B	6298	-	TU
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
Humidity and Temperature Meter	R.S Components	1364	6486	12	04-Jun-2025
3m Semi-Anechoic Chamber	Albatross Projects	Chamber 18	6597	36	07-Feb-2026
AC Power Supply	iTech	IT7324	6657	-	O/P Mon
3m Semi-Anechoic Chamber	Albatross Projects	RF Chamber 17	6658	36	28-Jan-2026
Mast and Turntable Controller	Maturo Gmbh	FCU3.0	6659	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	6660	-	TU
Turntable	Maturo Gmbh	TT1.5SI	6661	-	TU
8m Cable	Junkosha	MWX221-08000AMSAMS/B	6748	12	01-Feb-2025
Double Ridge Active Horn Antenna (18-40 GHz	Com-Power	AHA-840	6771	24	17-Jan-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
AC Programmable Power Supply	iTech	IT7324	6812	-	O/P Mon
Broad-Band Horn Antenna 1-10GHz N	Schwarzbeck	BBHA9120B	6825	12	18-Jul-2025
EMI Test Receiver	Rohde & Schwarz	ESW44	6294	12	06-Jan-2025

Table 341

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

A3239, S/N: DLX7VG477R - Modification State 0
A3239, S/N: D21W5XX7VQ - Modification State 0

2.8.3 Date of Test

16-September-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 - 22.3 °C
Relative Humidity	52.4 - 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	5.44	7046.500
802.11ax HE20 SU LPI	16.61	6842.900
802.11ax HE40 SU LPI	9.37	5946.680
802.11ax HE80 SU LPI	9.04	6410.500
802.11ax HE160 SU LPI	7.29	5945.000

Table 342 - Unwanted Emissions Within the RLAN Band Summary Results

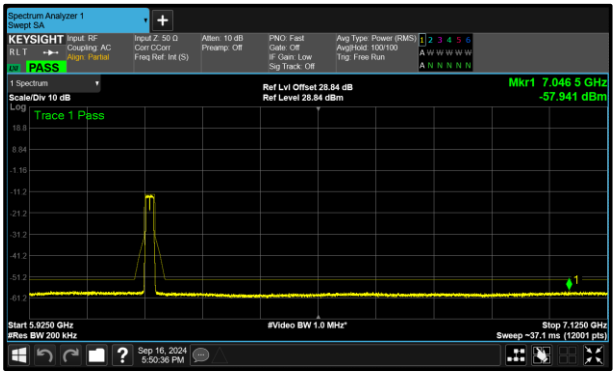

Figure 297 - A (Core 0) 802.11a LPI 6175 MHz (CH45)

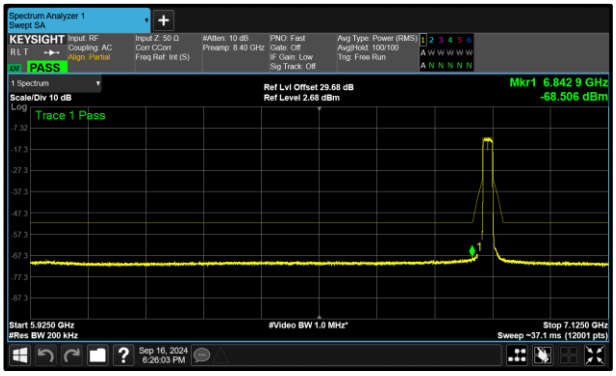

Figure 298 - A (Core 0) 802.11ax HE20 SU LPI 6875 MHz (CH185)

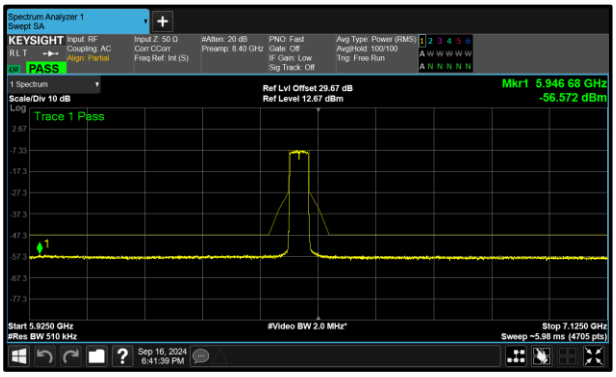

Figure 299 - A (Core 0) 802.11ax HE40 SU LPI 6485 MHz (CH107)

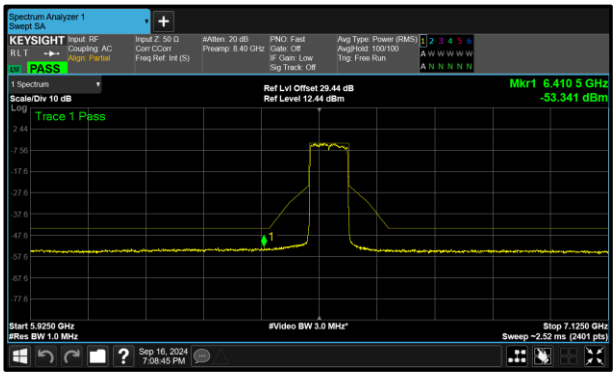

Figure 300 - A (Core 0) 802.11ax HE80 SU LPI 6545 MHz (CH119)

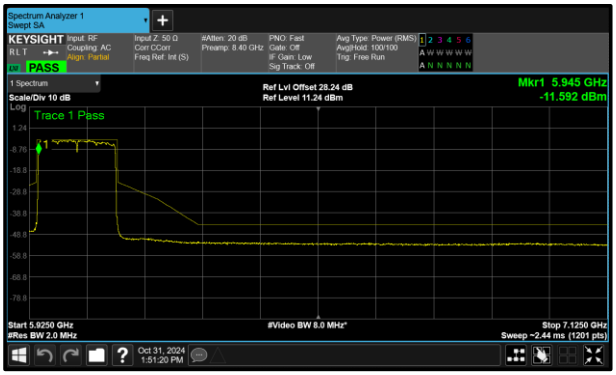

Figure 301 - B (Core 1) 802.11ax HE160 SU LPI 6025 MHz (CH15)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 LPI	5.47	6022.400
802.11ax HE20 RU26 LPI	4.28	6062.900
802.11ax HE20 RU52 LPI	4.62	6028.300

Table 343 - Unwanted Emissions Within the RLAN Band Summary Results

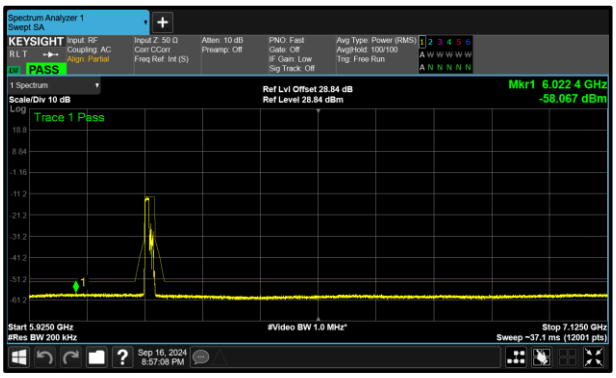

Figure 302 - A (Core 0) 802.11ax HE20 RU106 LPI 6175 MHz (CH45)

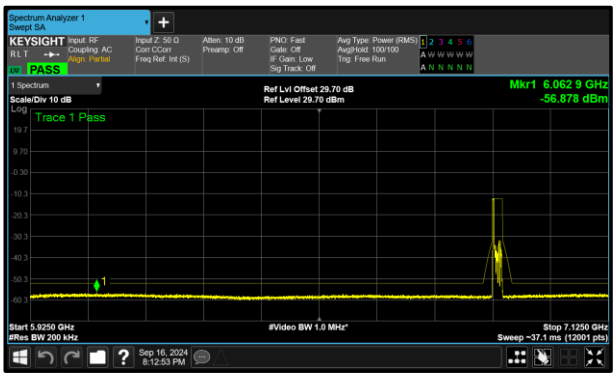

Figure 303 - A (Core 0) 802.11ax HE20 RU26 LPI 6895 MHz (CH189)

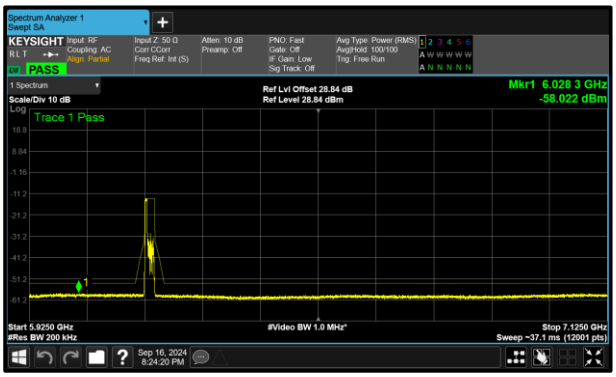

Figure 304 - A (Core 0) 802.11ax HE20 RU52 LPI 6175 MHz (CH45)

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	-	5.76	-	-
6175	5.44	-	-	-
6415	6.65	-	-	-
6435	7.12	-	-	-
6475	6.34	-	-	-
6515	6.46	-	-	-
6535	6.83	-	-	-
6695	7.17	-	-	-
6855	6.88	-	-	-
6875	5.83	-	-	-
6895	5.87	-	-	-
6995	6.38	-	-	-
7115	7.80	-	-	-

Table 344 - 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	-	16.83	-	-
6175	18.17	-	-	-
6415	16.61	-	-	-
6435	17.84	-	-	-
6475	17.34	-	-	-
6515	17.32	-	-	-
6535	17.11	-	-	-
6695	17.87	-	-	-
6855	17.43	-	-	-
6875	16.61	-	-	-
6895	17.88	-	-	-
6995	16.92	-	-	-
7095	17.13	-	-	-

Table 345 - 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	-	12.76	-	-
6165	9.92	-	-	-
6405	11.03	-	-	-
6445	9.45	-	-	-
6485	9.37	-	-	-
6525	10.99	-	-	-
6565	11.69	-	-	-
6685	9.65	-	-	-
6845	9.81	-	-	-
6885	10.18	-	-	-
6925	12.19	-	-	-
7005	11.67	-	-	-
7085	10.52	-	-	-

Table 346 - 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	-	11.89	-	-
6145	9.76	-	-	-
6385	10.91	-	-	-
6465	10.35	-	-	-
6545	9.04	-	-	-
6625	10.20	-	-	-
6705	10.27	-	-	-
6785	10.79	-	-	-
6865	10.39	-	-	-
6945	9.51	-	-	-
7025	9.35	-	-	-

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 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	-	7.29	-	-
6185	7.88	-	-	-
6345	8.15	-	-	-
6505	7.64	-	-	-
6665	7.37	-	-	-
6825	7.53	-	-	-
6985	7.44	-	-	-

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 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)	-	18.40	-	-
6175 (RU26.0)	19.17	-	-	-
6415 (RU26.8)	6.36	-	-	-
6435 (RU26.0)	6.62	-	-	-
6475 (RU26.0)	5.62	-	-	-
6515 (RU26.8)	6.29	-	-	-
6535 (RU26.0)	5.68	-	-	-
6695 (RU26.0)	6.30	-	-	-
6855 (RU26.8)	6.08	-	-	-
6875 (RU26.3)	5.13	-	-	-
6875 (RU26.5)	5.10	-	-	-
6895 (RU26.0)	4.28	-	-	-
6995 (RU26.0)	4.70	-	-	-
7095 (RU26.8)	4.78	-	-	-

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 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)	-	5.00	-	-
6175 (RU52.37)	4.62	-	-	-
6415 (RU52.40)	6.53	-	-	-
6435 (RU52.37)	6.35	-	-	-
6475 (RU52.37)	6.74	-	-	-
6515 (RU52.40)	6.38	-	-	-
6535 (RU52.37)	6.28	-	-	-
6695 (RU52.37)	7.31	-	-	-
6855 (RU52.40)	6.09	-	-	-
6875 (RU52.38)	5.10	-	-	-
6875 (RU52.39)	5.38	-	-	-
6895 (RU52.37)	5.45	-	-	-
6995 (RU52.37)	5.48	-	-	-
7095 (RU52.40)	5.38	-	-	-

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 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)	-	5.49	-	-
6175 (RU106.53)	5.47	-	-	-
6415 (RU106.54)	6.84	-	-	-
6435 (RU106.53)	6.73	-	-	-
6475 (RU106.53)	6.81	-	-	-
6515 (RU106.54)	6.51	-	-	-
6535 (RU106.53)	6.53	-	-	-
6695 (RU106.53)	7.01	-	-	-
6855 (RU106.54)	6.35	-	-	-
6875 (RU106.53)	5.95	-	-	-
6875 (RU106.54)	5.52	-	-	-
6895 (RU106.53)	5.82	-	-	-
6995 (RU106.53)	5.72	-	-	-
7095 (RU106.54)	6.16	-	-	-

Table 351 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11a SP	7.05	6449.000
802.11ax HE20 SU SP	6.50	6675.100
802.11ax HE40 SU SP	4.56	6881.380
802.11ax HE80 SU SP	5.47	6779.000
802.11ax HE160 SU SP	2.70	5936.000

Table 352 - Unwanted Emissions Within the RLAN Band Summary Results

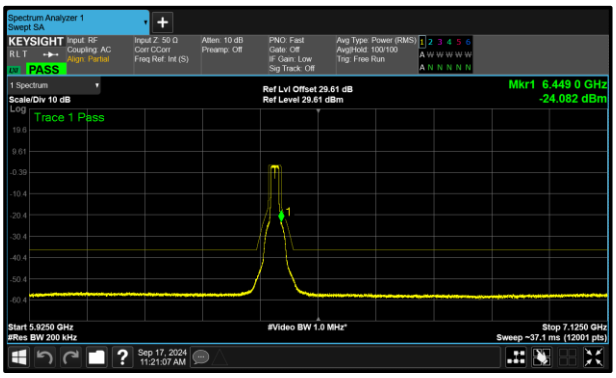

Figure 305 - A (Core 0) 802.11a SP 6435 MHz (CH97)

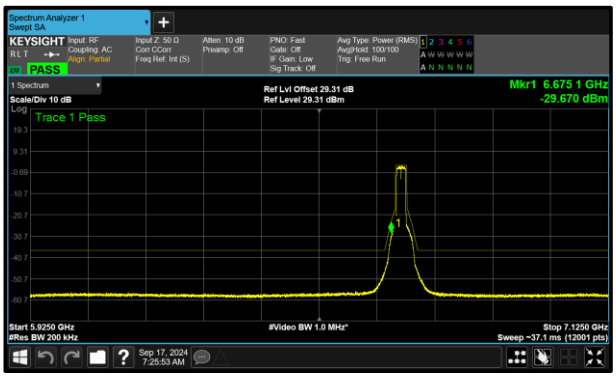

Figure 306 - A (Core 0) 802.11ax HE20 SU SP 6695 MHz (CH149)

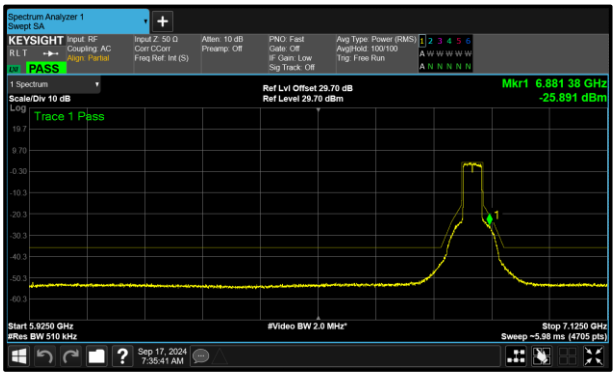

Figure 307 - A (Core 0) 802.11ax HE40 SU SP 6845 MHz (CH179)

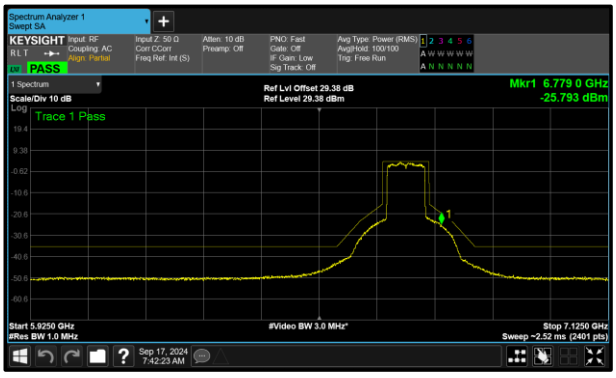

Figure 308 - A (Core 0) 802.11ax HE80 SU SP 6705 MHz (CH151)

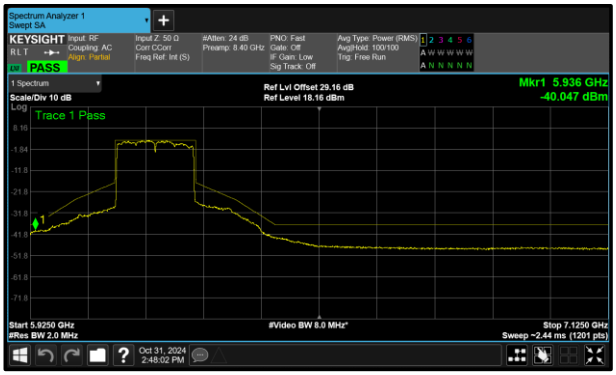

Figure 309 – A (Core 0) 802.11ax HE160 SU SP 6185 MHz (CH47)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 SP	10.46	6163.200
802.11ax HE20 RU26 SP	17.66	6164.100
802.11ax HE20 RU52 SP	17.98	5944.000

Table 353 - Unwanted Emissions Within the RLAN Band Summary Results

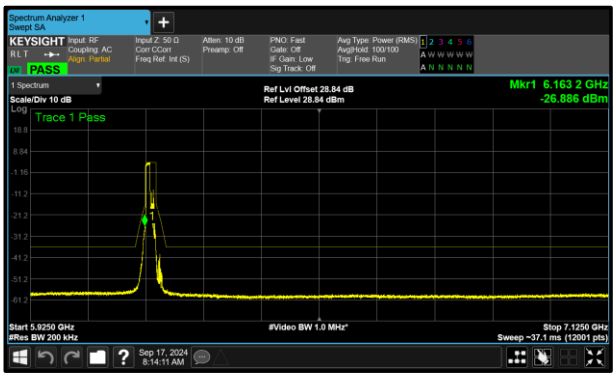

Figure 310 - A (Core 0) 802.11ax HE20 RU106 SP 6175 MHz (CH45)

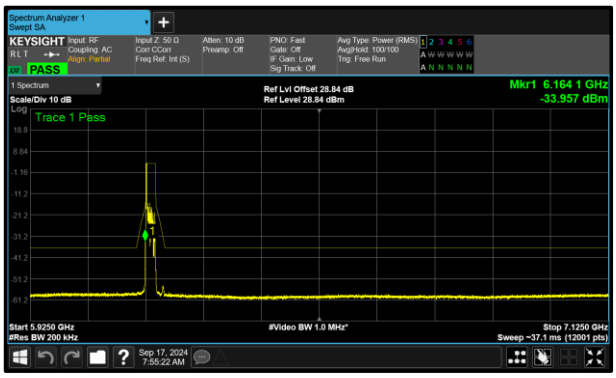

Figure 311 - A (Core 0) 802.11ax HE20 RU26 SP 6175 MHz (CH45)

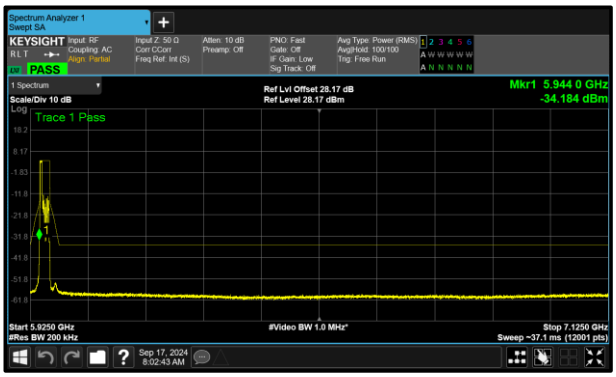

Figure 312 - B (Core 1) 802.11ax HE20 RU52 SP 5955 MHz (CH1)

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:	802.11a 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	-	8.52	-	-
6175	8.44	-	-	-
6415	8.36	-	-	-
6435	7.05	-	-	-
6475	7.32	-	-	-
6515	8.78	-	-	-
6535	8.32	-	-	-
6695	7.13	-	-	-
6855	7.86	-	-	-

Table 354 - 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	-	7.94	-	-
6175	9.70	-	-	-
6415	9.10	-	-	-
6435	9.01	-	-	-
6475	8.57	-	-	-
6515	8.76	-	-	-
6535	10.18	-	-	-
6695	6.50	-	-	-
6855	7.57	-	-	-

Table 355 - 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	-	7.13	-	-
6165	7.93	-	-	-
6405	9.06	-	-	-
6445	7.11	-	-	-
6485	8.44	-	-	-
6525	7.46	-	-	-
6565	9.05	-	-	-
6685	6.60	-	-	-
6845	4.56	-	-	-

Table 356 - 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	-	7.00	-	-
6145	9.08	-	-	-
6385	7.28	-	-	-
6465	7.88	-	-	-
6545	8.30	-	-	-
6625	7.83	-	-	-
6705	5.47	-	-	-
6785	6.66	-	-	-

Table 357 - 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	-	6.75	-	-
6185	2.70	-	-	-
6345	3.48	-	-	-
6505	3.61	-	-	-
6665	5.37	-	-	-

Table 358 - 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)	-	20.01	-	-
6175 (RU26.0)	17.66	-	-	-
6415 (RU26.8)	18.46	-	-	-
6435 (RU26.0)	19.56	-	-	-
6475 (RU26.0)	20.18	-	-	-
6515 (RU26.8)	19.51	-	-	-
6535 (RU26.0)	20.33	-	-	-
6695 (RU26.0)	19.00	-	-	-
6855 (RU26.8)	20.19	-	-	-

Table 359 - 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)	-	17.98	-	-
6175 (RU52.37)	19.90	-	-	-
6415 (RU52.40)	18.79	-	-	-
6435 (RU52.37)	19.45	-	-	-
6475 (RU52.37)	19.93	-	-	-
6515 (RU52.40)	19.10	-	-	-
6535 (RU52.37)	18.34	-	-	-
6695 (RU52.37)	19.31	-	-	-
6855 (RU52.40)	20.24	-	-	-

Table 360 - 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)	-	15.32	-	-
6175 (RU106.53)	10.46	-	-	-
6415 (RU106.54)	12.44	-	-	-
6435 (RU106.53)	12.35	-	-	-
6475 (RU106.53)	11.45	-	-	-
6515 (RU106.54)	12.46	-	-	-
6535 (RU106.53)	10.63	-	-	-
6695 (RU106.53)	12.61	-	-	-
6855 (RU106.54)	14.17	-	-	-

Table 361 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11a VLP	9.05	6566.900
802.11ax HE20 SU VLP	15.85	6504.400
802.11ax HE40 SU VLP	9.91	6841.840
802.11ax HE80 SU VLP	9.23	6097.500
802.11ax HE160 SU VLP	7.90	6265.000

Table 362 - Unwanted Emissions Within the RLAN Band Summary Results

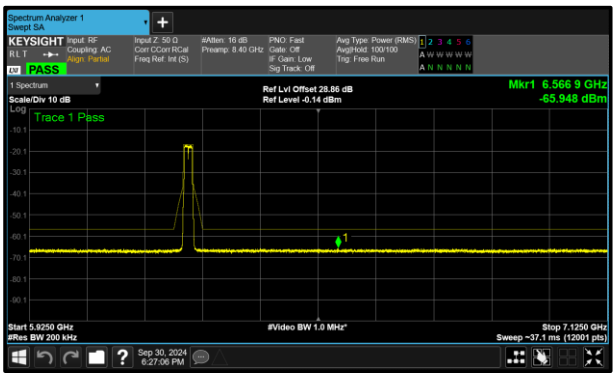

Figure 313 - A (Core 0) 802.11a VLP 6255 MHz (CH61)

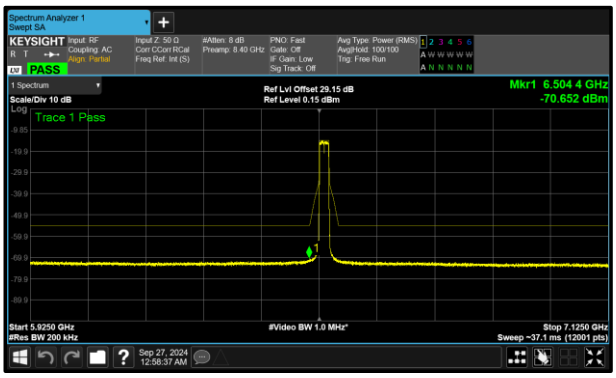

Figure 314 - A (Core 0) 802.11ax HE20 SU VLP 6535 MHz (CH117)

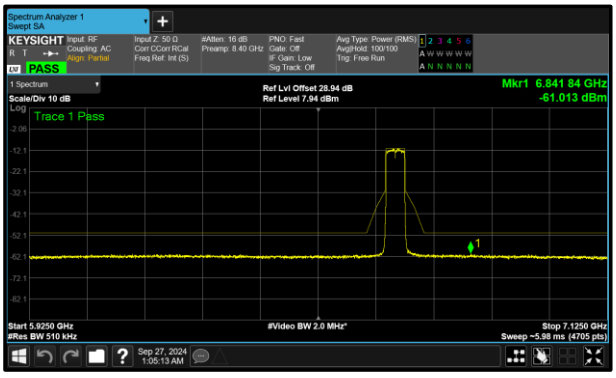

Figure 315 - A (Core 0) 802.11ax HE40 SU VLP 6685 MHz (CH147)

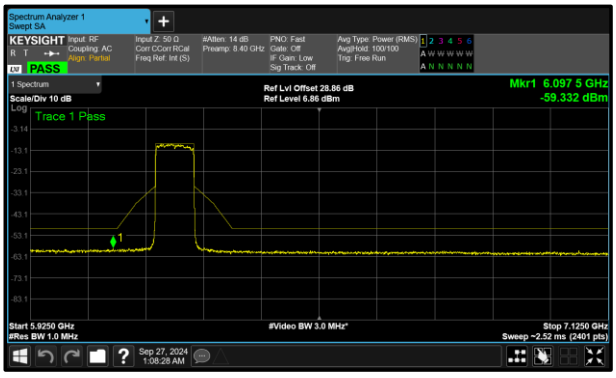

Figure 316 - A (Core 0) 802.11ax HE80 SU VLP 6225 MHz (CH55)

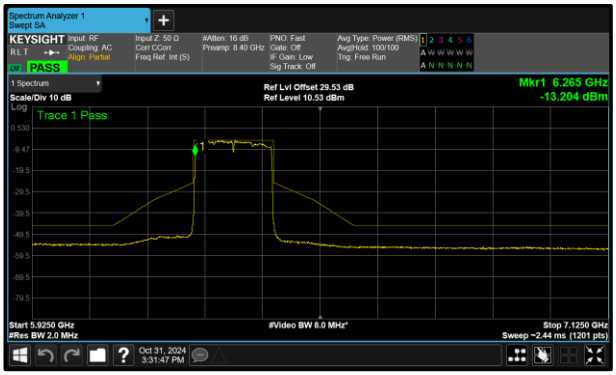

Figure 317 – A (Core 0) 802.11ax HE160 SU VLP 6345 MHz (CH79)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 VLP	9.00	6631.600
802.11ax HE20 RU52 VLP	10.59	6504.700

Table 363 - Unwanted Emissions Within the RLAN Band Summary Results

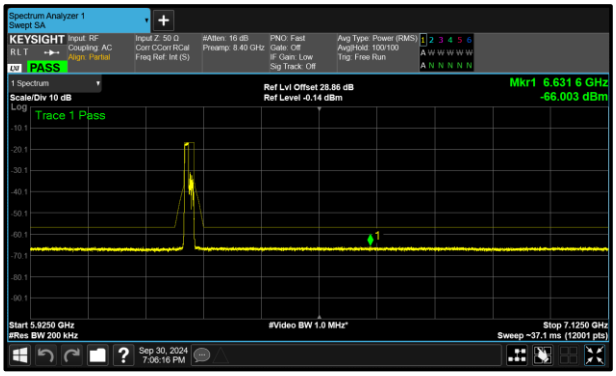

Figure 318 - A (Core 0) 802.11ax HE20 RU106 VLP 6255 MHz (CH61)

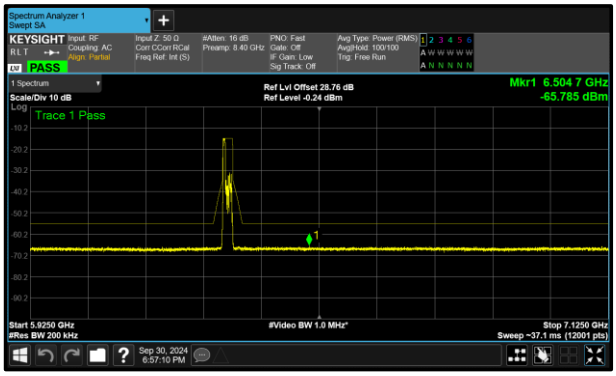

Figure 319 - A (Core 0) 802.11ax HE20 RU52 VLP 6335 MHz (CH77)

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):	A (Core 0)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6115	9.21	-	-	-
6255	9.05	-	-	-
6415	10.96	-	-	-
6535	11.13	-	-	-
6695	11.24	-	-	-
6855	10.60	-	-	-

Table 364 - 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):	A (Core 0)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6115	17.67	-	-	-
6255	16.37	-	-	-
6415	16.40	-	-	-
6535	15.85	-	-	-
6695	16.16	-	-	-
6855	16.25	-	-	-

Table 365 - 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):	A (Core 0)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6125	10.12	-	-	-
6245	10.02	-	-	-
6405	11.41	-	-	-
6565	10.75	-	-	-
6685	9.91	-	-	-
6845	11.37	-	-	-

Table 366 - 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):	A (Core 0)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6145	9.37	-	-	-
6225	9.23	-	-	-
6385	10.01	-	-	-
6625	9.30	-	-	-
6705	9.87	-	-	-
6785	9.93	-	-	-

Table 367 - 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):	A (Core 0)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6185	7.95	-	-	-
6345	7.90	-	-	-
6665	8.29	-	-	-

Table 368 - 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 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)	11.09	-	-	-
6335 (RU52.37)	10.59	-	-	-
6415 (RU52.40)	11.04	-	-	-
6535 (RU52.37)	10.74	-	-	-
6695 (RU52.37)	11.19	-	-	-
6855 (RU52.40)	10.86	-	-	-

Table 369 - Unwanted Emissions Within the Band Results

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

DUT Configuration			
Mode:	802.11ax HE20 RU106 VLP	Duty Cycle (%):	-
Modulation Coding Scheme:	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)	9.51	-	-	-
6255 (RU106.53)	9.00	-	-	-
6415 (RU106.54)	10.79	-	-	-
6535 (RU106.53)	10.87	-	-	-
6695 (RU106.53)	11.09	-	-	-
6855 (RU106.54)	10.70	-	-	-

Table 370 - Unwanted Emissions Within the Band Results

MIMO CDD

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU LPI	15.76	6248.600
802.11ax HE40 SU LPI	9.05	6400.765
802.11ax HE80 SU LPI	7.83	6337.500
802.11ax HE160 SU LPI	7.10	5944.000

Table 371 - Unwanted Emissions Within the RLAN Band Summary Results

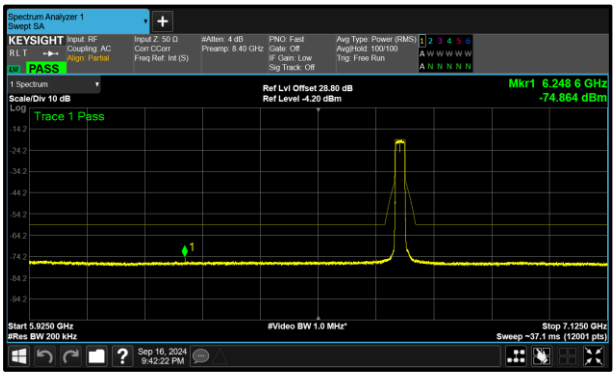

Figure 320 - B (Core 1) 802.11ax HE20 SU LPI 6695 MHz (CH149)

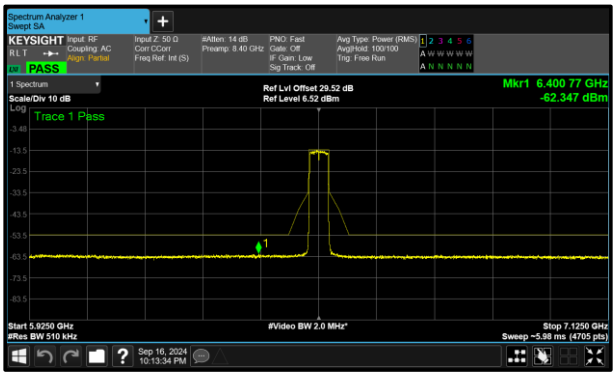

Figure 321 - A (Core 0) 802.11ax HE40 SU LPI 6525 MHz (CH115)

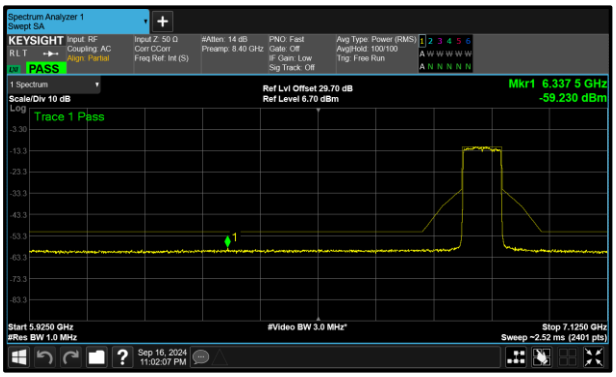

Figure 322 - A (Core 0) 802.11ax HE80 SU LPI 6865 MHz (CH183)

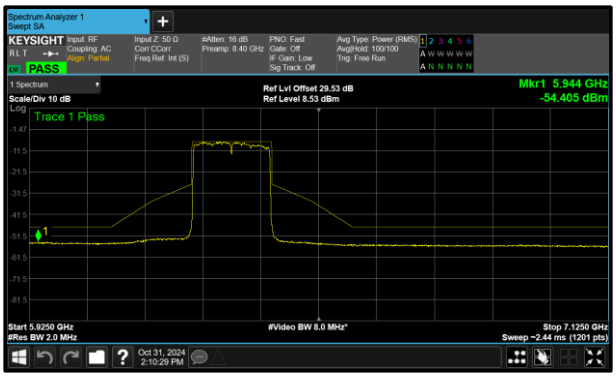

Figure 323 – A (Core 0) 802.11ax HE160 SU LPI 6345 MHz (CH79)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 LPI	8.08	7055.700
802.11ax HE20 RU26 LPI	16.47	6324.300
802.11ax HE20 RU52 LPI	15.97	6684.100

Table 372 - Unwanted Emissions Within the RLAN Band Summary Results

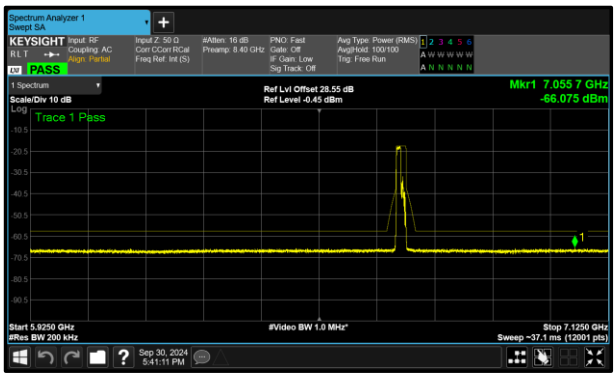

Figure 324 - B (Core 1) 802.11ax HE20 RU106 LPI 6695 MHz (CH149)

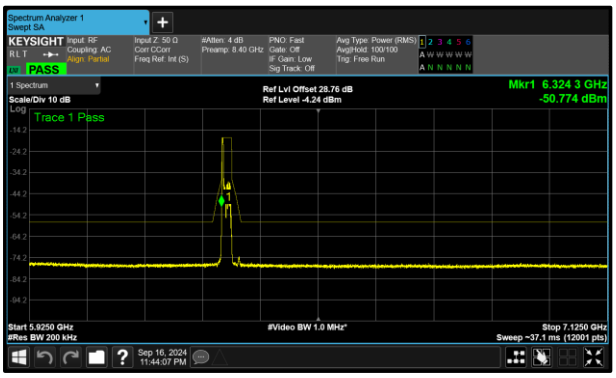

Figure 325 - B (Core 1) 802.11ax HE20 RU26 LPI 6335 MHz (CH77)

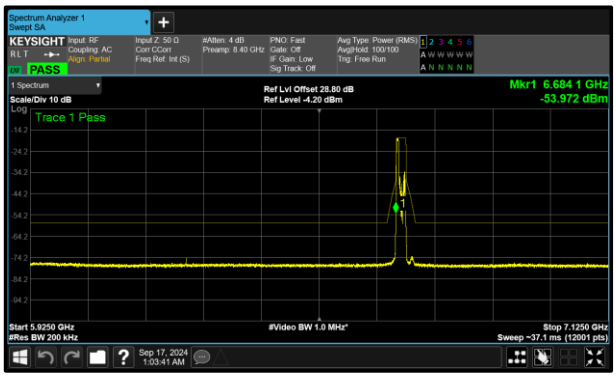

Figure 326 - B (Core 1) 802.11ax HE20 RU52 LPI 6695 MHz (CH149)

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	16.04	16.20	-	-
6175	15.97	16.31	-	-
6415	16.80	16.76	-	-
6435	15.91	16.02	-	-
6475	17.09	17.31	-	-
6515	16.91	16.92	-	-
6535	16.99	17.64	-	-
6695	16.84	15.76	-	-
6855	17.49	17.03	-	-
6875	15.95	16.41	-	-
6895	16.35	16.80	-	-
6995	17.06	17.18	-	-
7095	16.60	16.43	-	-

Table 373 - 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	12.21	11.72	-	-
6165	10.57	11.47	-	-
6405	11.03	10.27	-	-
6445	11.14	10.02	-	-
6485	10.59	9.99	-	-
6525	9.05	9.82	-	-
6565	10.69	9.94	-	-
6685	10.57	9.92	-	-
6845	10.38	9.58	-	-
6885	11.96	10.77	-	-
6925	10.56	11.20	-	-
7005	11.75	10.73	-	-
7085	11.36	10.71	-	-

Table 374 - 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	10.69	10.04	-	-
6145	8.75	10.10	-	-
6385	9.60	9.82	-	-
6465	10.61	9.67	-	-
6545	9.36	9.94	-	-
6625	10.03	9.39	-	-
6705	10.40	10.16	-	-
6785	10.19	9.29	-	-
6865	7.83	9.06	-	-
6945	9.90	10.98	-	-
7025	10.06	8.78	-	-

Table 375 - 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	7.62	8.26	-	-
6185	8.48	8.08	-	-
6345	7.10	8.10	-	-
6505	7.81	7.54	-	-
6665	8.11	8.26	-	-
6825	7.45	7.61	-	-
6985	8.22	7.65	-	-

Table 376 - 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)	17.40	18.11	-	-
6335 (RU26.0)	17.44	16.47	-	-
6415 (RU26.8)	18.58	16.49	-	-
6435 (RU26.0)	19.15	17.29	-	-
6475 (RU26.0)	18.07	16.90	-	-
6515 (RU26.8)	18.79	17.69	-	-
6535 (RU26.0)	18.62	18.29	-	-
6695 (RU26.0)	18.61	17.24	-	-
6855 (RU26.8)	18.57	17.26	-	-
6875 (RU26.3)	17.72	17.71	-	-
6875 (RU26.5)	17.59	18.49	-	-
6895 (RU26.0)	17.04	17.63	-	-
6995 (RU26.0)	17.34	16.57	-	-
7095 (RU26.8)	17.15	17.31	-	-

Table 377 - 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)	16.78	17.19	-	-
6175 (RU52.37)	16.52	16.66	-	-
6415 (RU52.40)	18.53	16.43	-	-
6435 (RU52.37)	18.64	17.16	-	-
6475 (RU52.37)	17.69	16.86	-	-
6515 (RU52.40)	18.15	16.62	-	-
6535 (RU52.37)	17.74	17.12	-	-
6695 (RU52.37)	18.49	15.97	-	-
6855 (RU52.40)	18.33	16.06	-	-
6875 (RU52.38)	16.97	16.87	-	-
6875 (RU52.39)	17.69	17.05	-	-
6895 (RU52.37)	17.60	17.46	-	-
6995 (RU52.37)	17.40	17.25	-	-
7095 (RU52.40)	17.57	16.85	-	-

Table 378 - 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)	16.54	16.90	-	-
6175 (RU106.53)	16.12	17.12	-	-
6415 (RU106.54)	11.60	11.89	-	-
6435 (RU106.53)	12.38	12.03	-	-
6475 (RU106.53)	12.15	11.64	-	-
6515 (RU106.54)	10.59	10.50	-	-
6535 (RU106.53)	10.38	9.73	-	-
6695 (RU106.53)	8.78	8.08	-	-
6855 (RU106.54)	10.87	10.93	-	-
6875 (RU106.53)	10.70	10.48	-	-
6875 (RU106.54)	9.88	10.25	-	-
6895 (RU106.53)	10.04	10.75	-	-
6995 (RU106.53)	10.19	10.57	-	-
7095 (RU106.54)	9.94	10.29	-	-

Table 379 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU SP	9.17	6494.800
802.11ax HE40 SU SP	6.47	6881.378
802.11ax HE80 SU SP	5.60	6080.500
802.11ax HE160 SU SP	3.59	6088.000

Table 380 - Unwanted Emissions Within the RLAN Band Summary Results

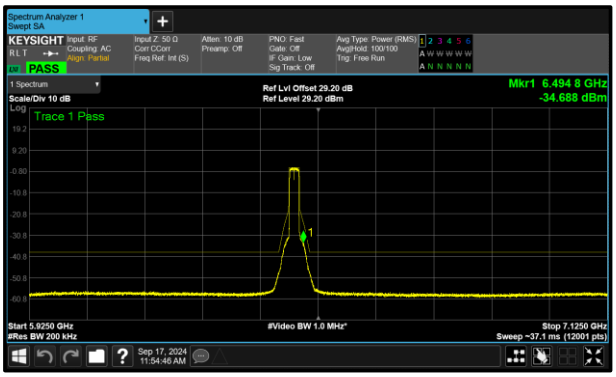

Figure 327 - B (Core 1) 802.11ax HE20 SU SP 6475 MHz (CH105)

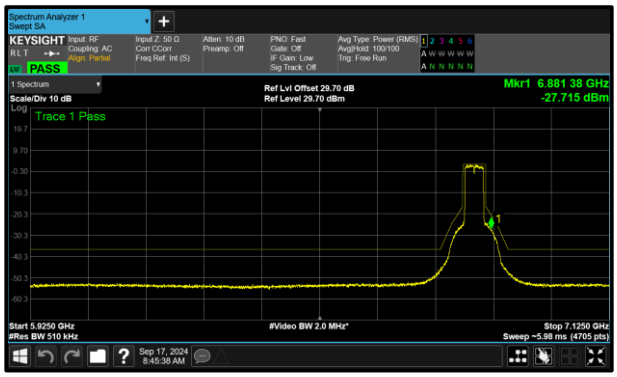

Figure 328 - A (Core 0) 802.11ax HE40 SU SP 6845 MHz (CH179)

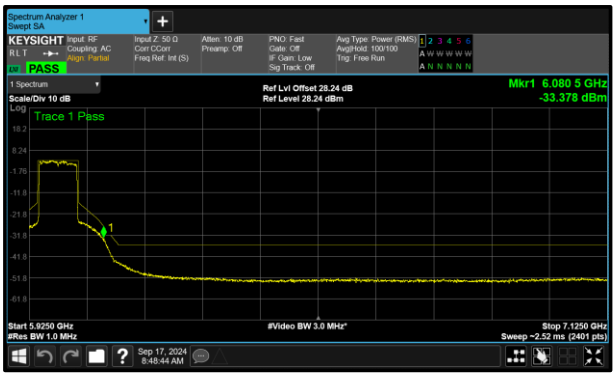

Figure 329 - B (Core 1) 802.11ax HE80 SU SP 5985 MHz (CH7)

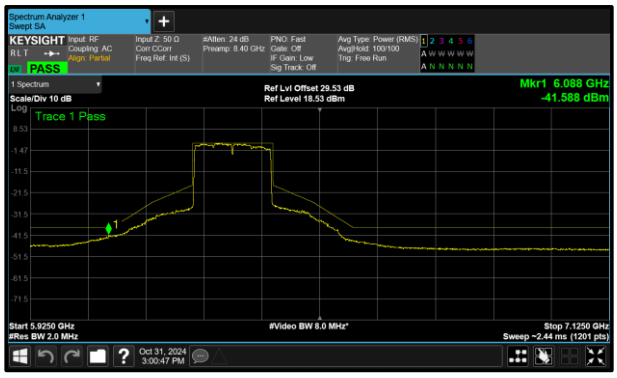

Figure 330 – A (Core 0) 802.11ax HE160 SU SP 6345 MHz (CH79)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 SP	15.24	6124.600
802.11ax HE20 RU26 SP	14.95	6045.400
802.11ax HE20 RU52 SP	15.71	6045.300

Table 381 - Unwanted Emissions Within the RLAN Band Summary Results

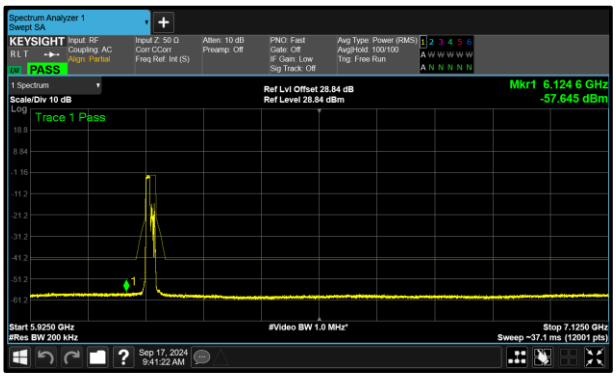

Figure 331 - A (Core 0) 802.11ax HE20 RU106 SP 6175 MHz (CH45)

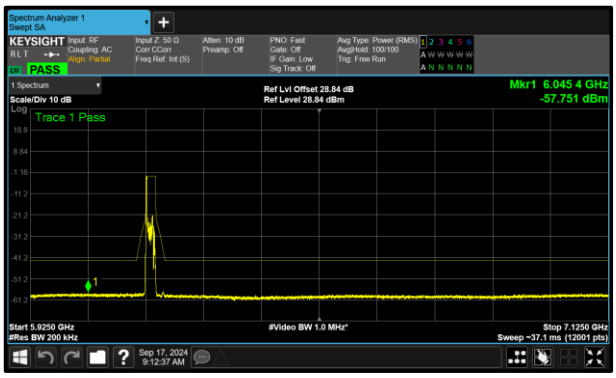

Figure 332 - A (Core 0) 802.11ax HE20 RU26 SP 6175 MHz (CH45)

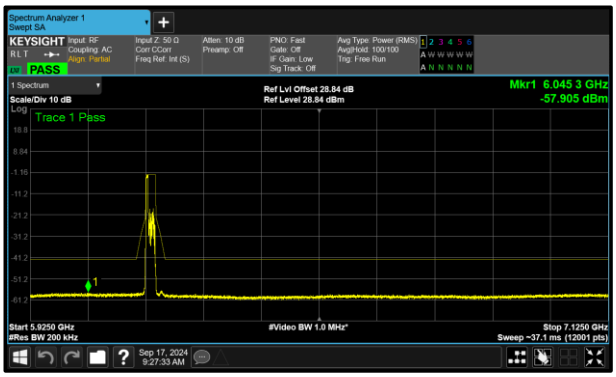

Figure 333 - A (Core 0) 802.11ax HE20 RU52 SP 6175 MHz (CH45)

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	15.58	15.97	-	-
6175	14.57	15.83	-	-
6415	11.52	10.71	-	-
6435	11.34	10.25	-	-
6475	10.08	9.17	-	-
6515	9.95	10.15	-	-
6535	12.43	12.48	-	-
6695	12.22	10.72	-	-
6855	12.75	11.61	-	-

Table 382 - 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	10.54	11.41	-	-
6165	8.56	9.12	-	-
6405	6.76	7.09	-	-
6445	7.36	7.37	-	-
6485	9.90	7.37	-	-
6525	8.74	6.80	-	-
6565	8.00	8.26	-	-
6685	7.45	7.23	-	-
6845	6.47	7.56	-	-

Table 383 - 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	6.53	5.60	-	-
6145	6.16	5.84	-	-
6385	8.44	7.90	-	-
6465	8.00	8.00	-	-
6545	7.13	8.10	-	-
6625	8.36	7.66	-	-
6705	6.78	6.72	-	-
6785	6.10	6.32	-	-

Table 384 - 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	5.87	5.83	-	-
6185	3.88	3.65	-	-
6345	3.59	4.02	-	-
6505	4.86	4.68	-	-
6665	4.48	5.17	-	-

Table 385 - 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)	15.59	16.76	-	-
6175 (RU26.0)	14.95	16.64	-	-
6415 (RU26.8)	18.22	17.46	-	-
6435 (RU26.0)	16.96	17.81	-	-
6475 (RU26.0)	17.33	16.58	-	-
6515 (RU26.8)	17.56	18.22	-	-
6535 (RU26.0)	17.17	17.96	-	-
6695 (RU26.0)	17.67	15.71	-	-
6855 (RU26.8)	17.63	17.46	-	-

Table 386 - 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)	16.43	17.39	-	-
6175 (RU52.37)	15.71	16.45	-	-
6415 (RU52.40)	17.83	17.37	-	-
6435 (RU52.37)	16.96	18.22	-	-
6475 (RU52.37)	17.99	16.97	-	-
6515 (RU52.40)	16.67	18.51	-	-
6535 (RU52.37)	17.38	17.83	-	-
6695 (RU52.37)	17.72	18.22	-	-
6855 (RU52.40)	17.00	16.92	-	-

Table 387 - 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)	15.96	16.60	-	-
6175 (RU106.53)	15.24	16.69	-	-
6415 (RU106.54)	17.84	18.31	-	-
6435 (RU106.53)	17.69	18.28	-	-
6475 (RU106.53)	17.78	17.05	-	-
6515 (RU106.54)	17.37	18.46	-	-
6535 (RU106.53)	17.37	16.67	-	-
6695 (RU106.53)	17.80	16.51	-	-
6855 (RU106.54)	17.60	18.72	-	-

Table 388 - Unwanted Emissions Within the Band Results