



2.6.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 14 and RF Chamber 15.

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
EMI Test Receiver	Rohde & Schwarz	ESW44	5912	12	05-Jul-2024
Test Receiver	Rohde & Schwarz	ESW44	5914	12	24-May-2025
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
Turntable	Maturo Gmbh	TT1.5SI	5962	-	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	5996	12	20-May-2025
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	5997	12	14-Sep-2024
Cable (SMA to SMA 4.5m)	Junkosha	MWX221-04500AMSAMS/A	6002	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
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6141	12	05-May-2025
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6142	12	05-May-2025
Digital Multimeter	Fluke	115	6145	12	15-Jun-2024
Digital Multimeter	Fluke	115	6147	12	16-Jun-2024
Humidity & Temperature meter	R.S Components	1364	6148	12	21-Jul-2024
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
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
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

Table 291

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



2.7 Spurious Radiated Emissions

2.7.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.209 and 15.407 (b)
ISED RSS-248, Clause 4.6
ISED RSS-GEN, Clause 6.13 and 8.9

2.7.2 Equipment Under Test and Modification State

A3238, S/N: NQMK2V7Q9C - Modification State 0
A3238, S/N: V4KFHR9J44 - Modification State 0

2.7.3 Date of Test

13-June-2024 to 23-June-2024

2.7.4 Test Method

Testing was performed in accordance with ANSI C63.10, clause 6.3, 6.5 and 6.6.

Tests were performed in HE20 CDD in 2TX MIMO mode, with measurements undertaken from 30 MHz to 40 GHz on channels 45 (6175 MHz), 105 (6475 MHz), 149 (6695 MHz), and 209 (6995 MHz).

For the purpose of this testing, spurious emissions were limited to 1 GHz to 40 GHz on all other test channels.

All testing was performed using the lowest data rate/modulation scheme for the applicable mode.

Plots for average measurements were taken in accordance with ANSI C63.10, clause 12.7.7.2 with max-hold trace to characterize the EUT. Where emissions were detected, final average measurements were taken in accordance with ANSI C63.10, clause 12.7.7.2 using an average trace.

The plots shown are the characterization of the EUT. The limits on the plots represent the most stringent case for restricted bands, (54/74 dBuV/m @ 3 m and 64/84 dBuV/m @ 1m) when compared to -27 dBm/MHz RMS EIRP and -7dBm/MHz Peak EIRP outside restricted bands. The limits shown have been used as a threshold to determine where further measurements are necessary. Where results are within 10dB of the limits shown on the plots, further investigation was carried out and reported in results tables.

The following conversion can be applied to convert from dBuV/m to uV/m:

$10^{(\text{Field Strength in dBuV/m}/20)}$.

EIRP was converted to field strength at 3m using the following formula:

Field Strength (dBuV/m at 3 m) = EIRP (dBm) + 95.2 dB

2.7.5 Example Test Setup Diagram

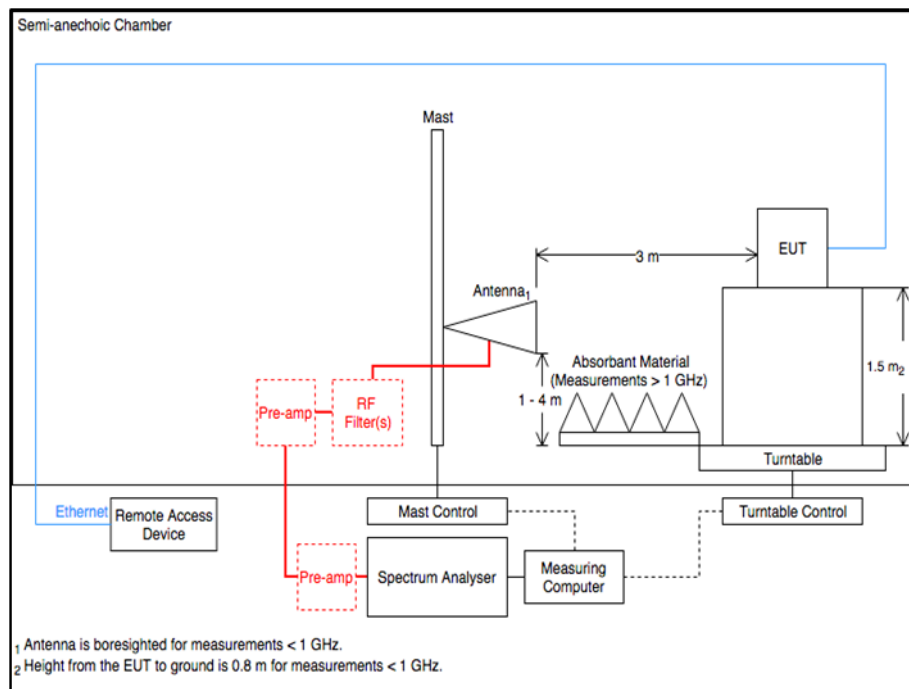


Figure 181 - Radiated Emissions Test Setup Diagram

2.7.6 Environmental Conditions

Ambient Temperature	20.5 - 23.1 °C
Relative Humidity	38.5 - 45.6 %

2.7.7 Test Results

6 GHz WLAN

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
11909.615	39.88	54.00	-14.12	RMS	7	100	Vertical

Table 292 - U-NII-5 - 5955 MHz (CH1), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

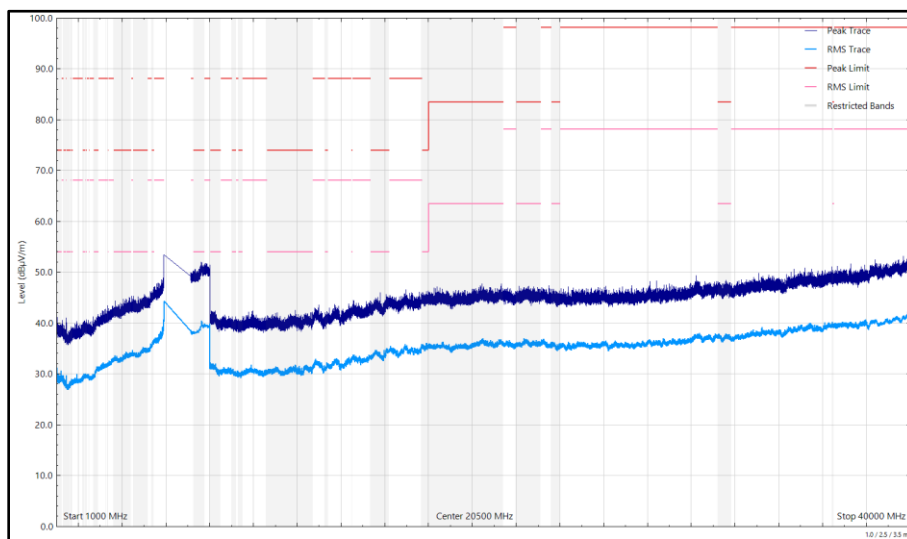


Figure 182 - U-NII-5 - 5955 MHz (CH1), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

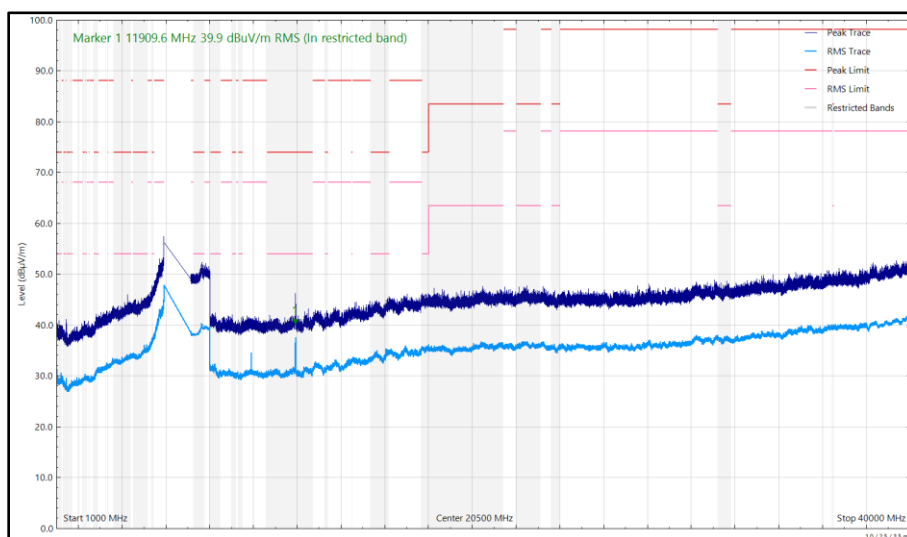


Figure 183 - U-NII-5 - 5955 MHz (CH1), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
333.805	31.23	46.00	-14.77	Q-Peak	21	100	Horizontal

Table 293 - U-NII-5 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 10 dB of the limit.

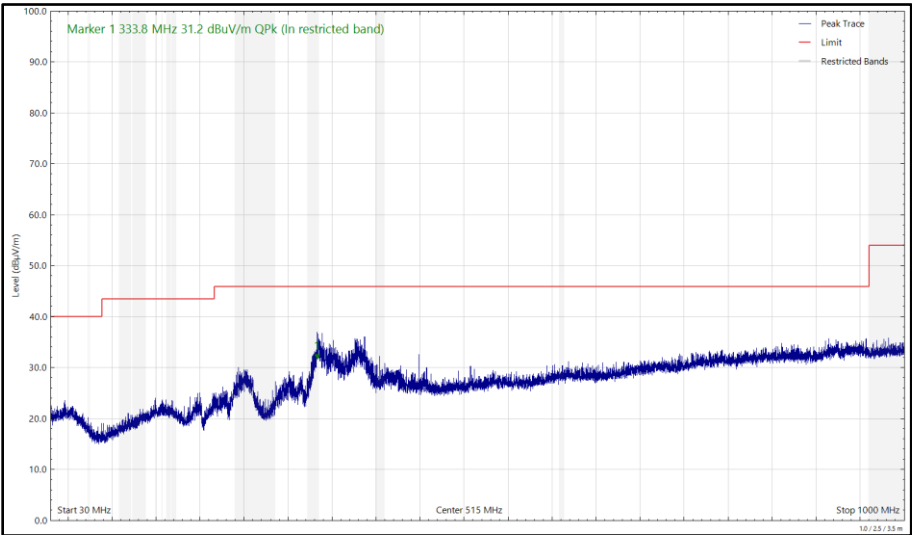


Figure 184 - U-NII-5 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

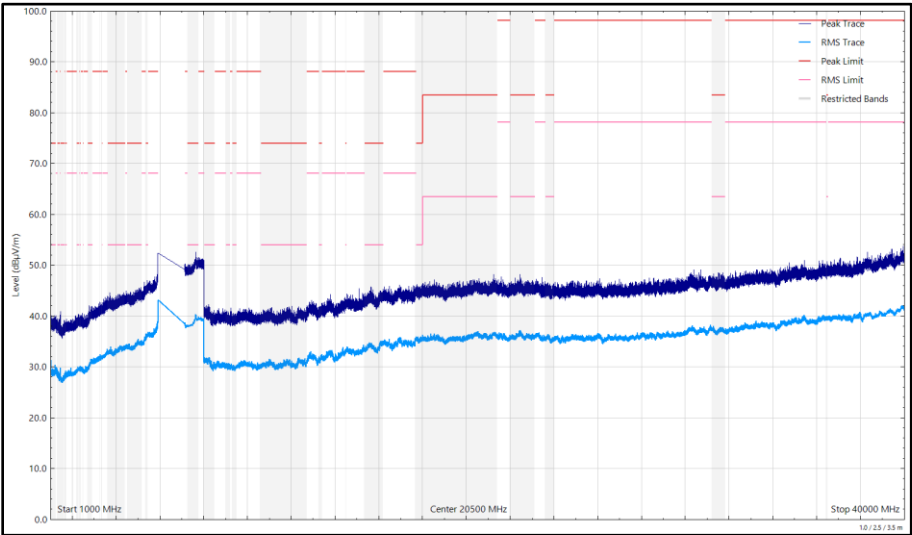


Figure 185 - U-NII-5 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

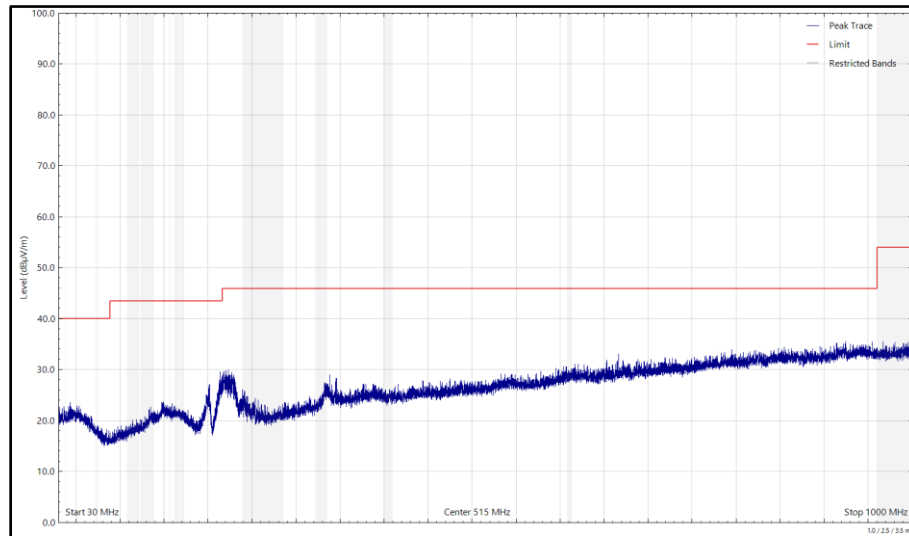


Figure 186 - U-NII-5 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

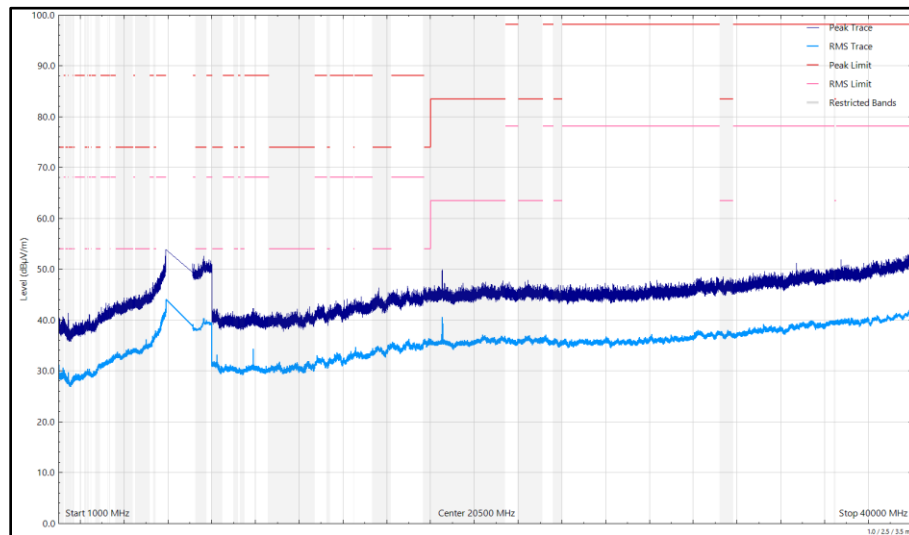


Figure 187 - U-NII-5 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

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

Table 294 - U-NII-5 - 6415 MHz (CH93), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

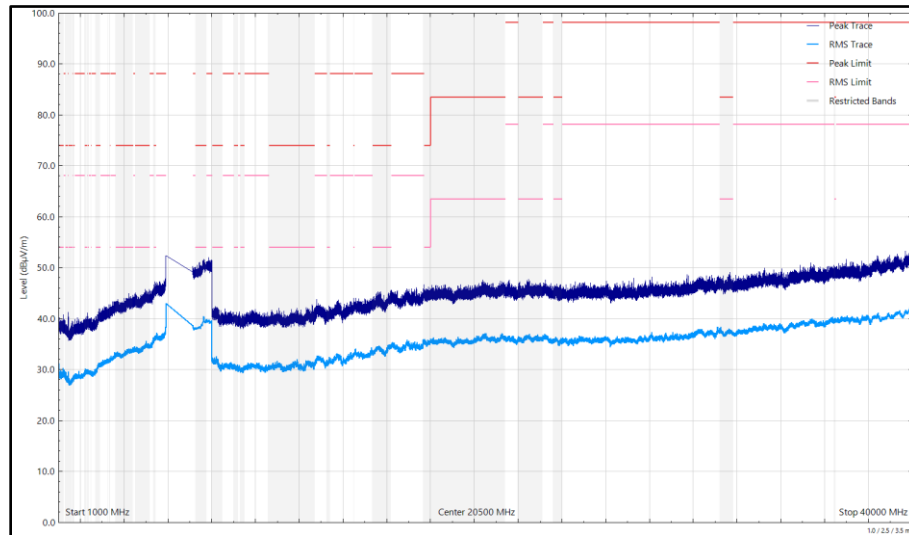


Figure 188 - U-NII-5 - 6415 MHz (CH93), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

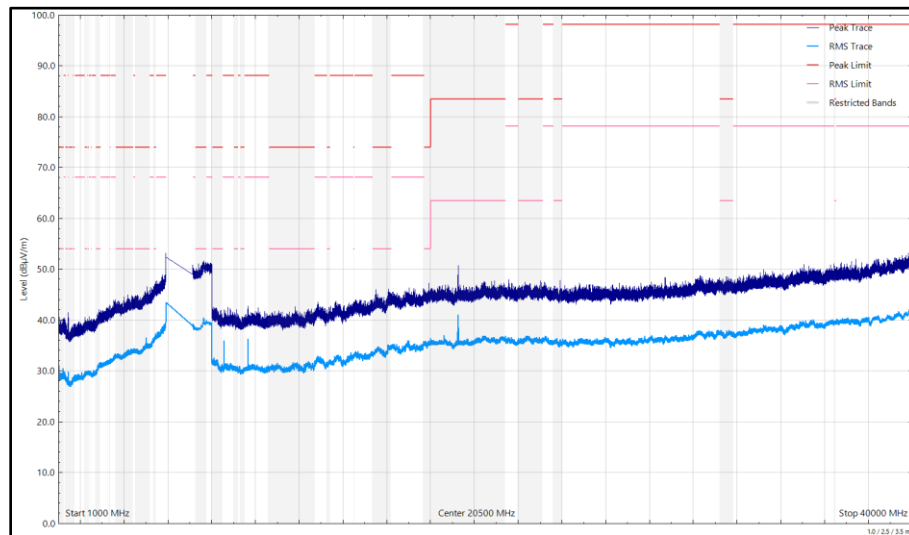


Figure 189 - U-NII-5 - 6415 MHz (CH93), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



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

Table 295 - U-NII-6 - 6435 MHz (CH97), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

*No emissions found within 10 dB of the limit.

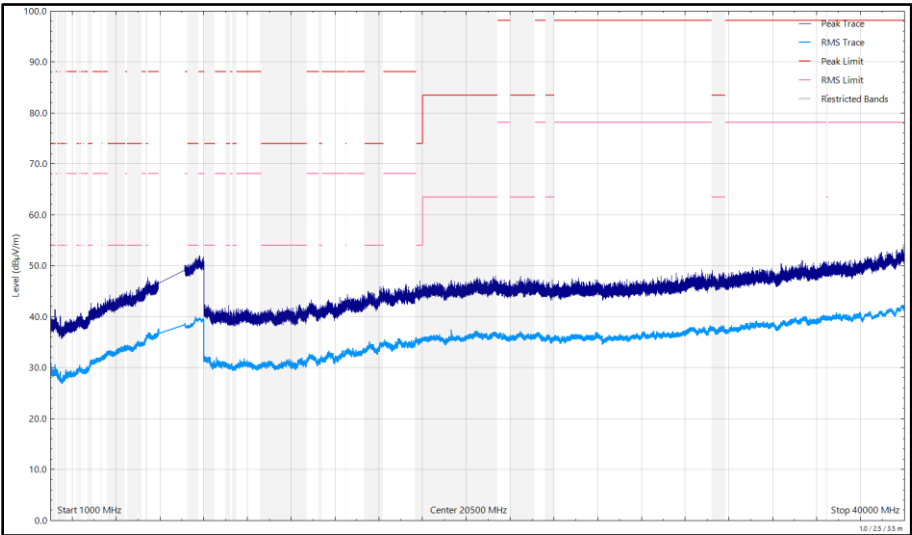


Figure 190 - U-NII-6 - 6435 MHz (CH97), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

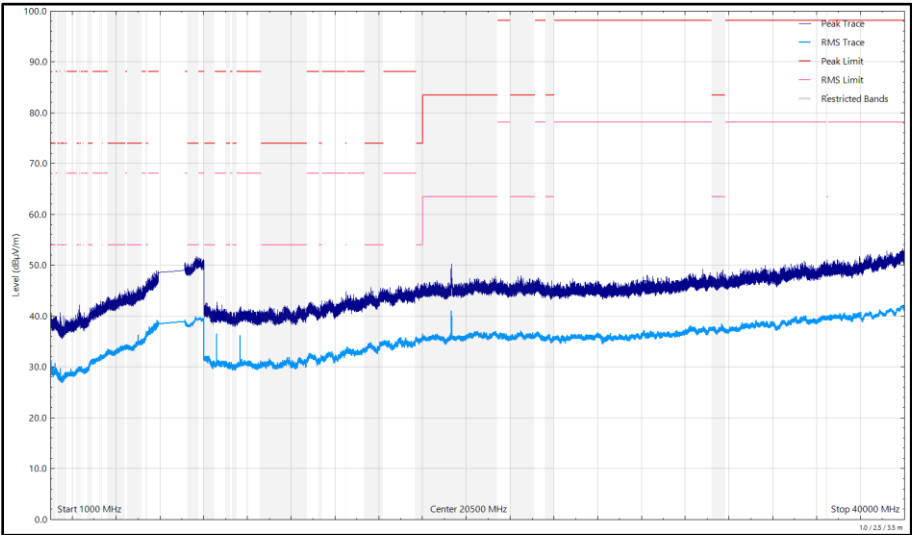


Figure 191 - U-NII-6 - 6435 MHz (CH97), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
333.449	31.42	46.00	-14.58	Q-Peak	22	100	Horizontal

Table 296 - 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.

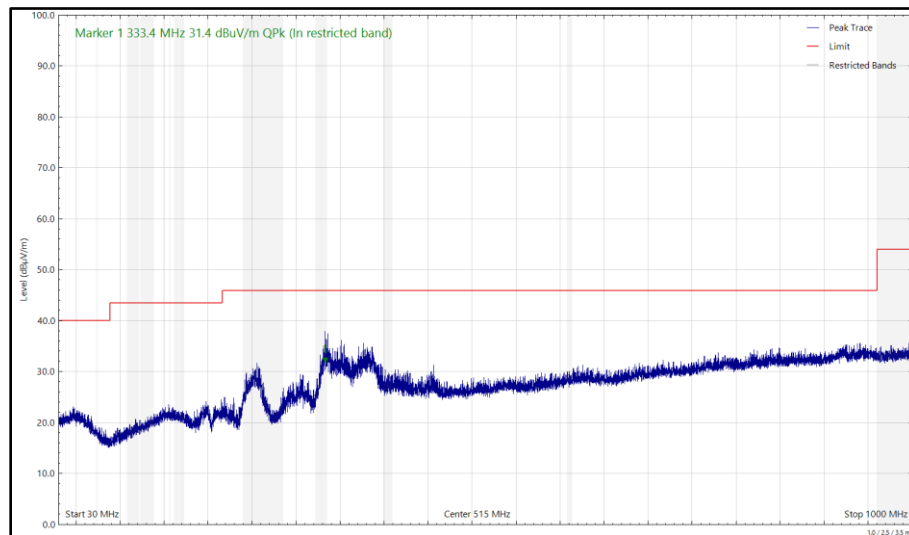


Figure 192 - U-NII-6 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

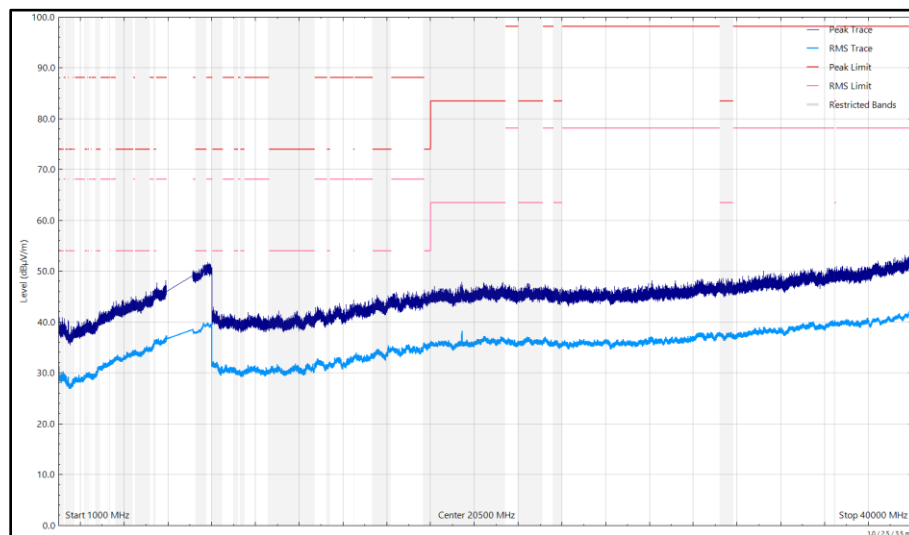


Figure 193 - U-NII-6 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

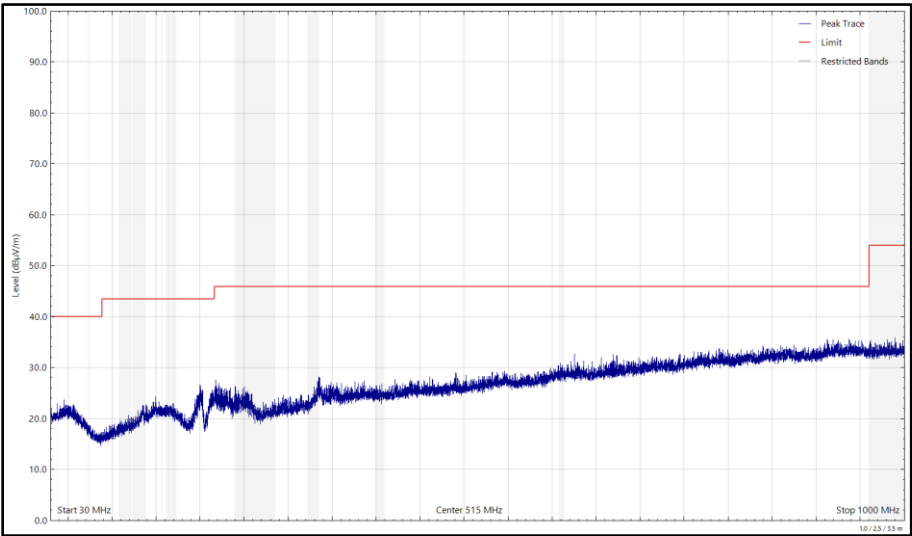


Figure 194 - U-NII-6 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

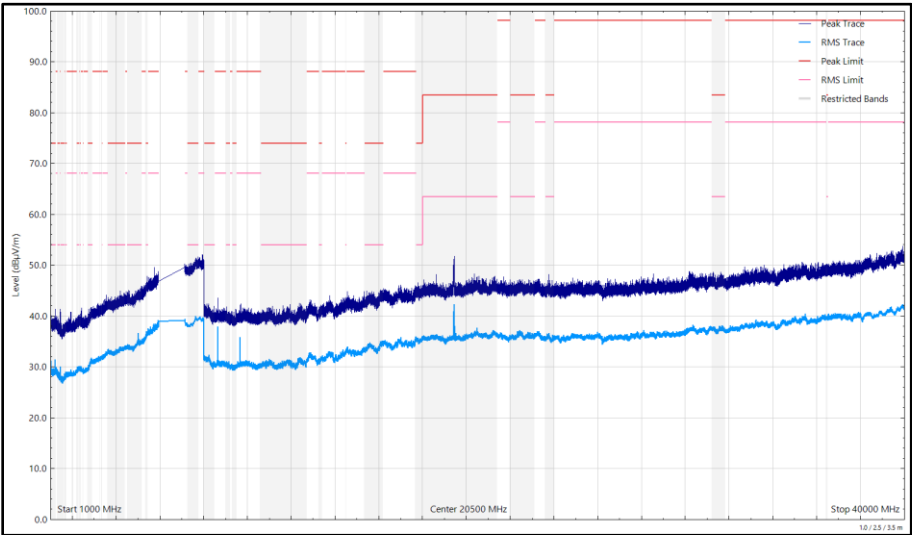


Figure 195 - U-NII-6 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



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.

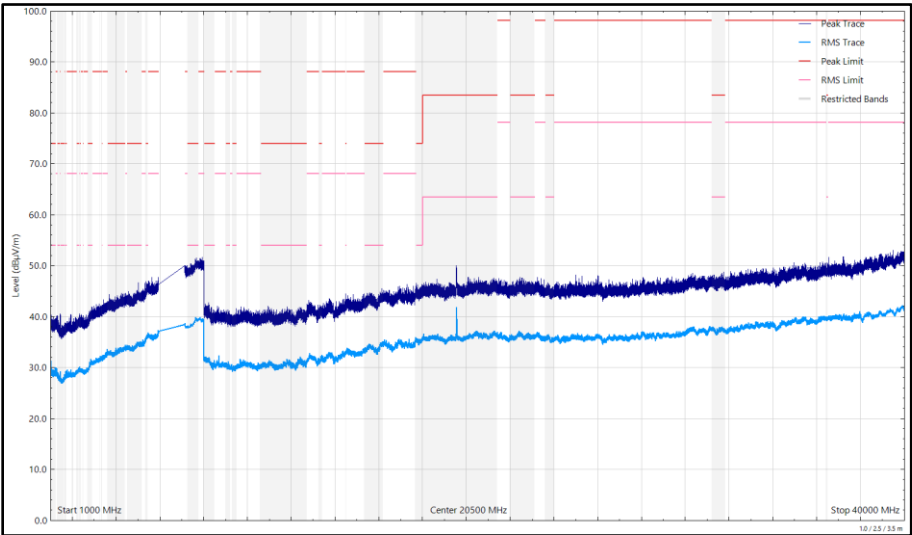


Figure 196 - U-NII-6 - 6515 MHz (CH113), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

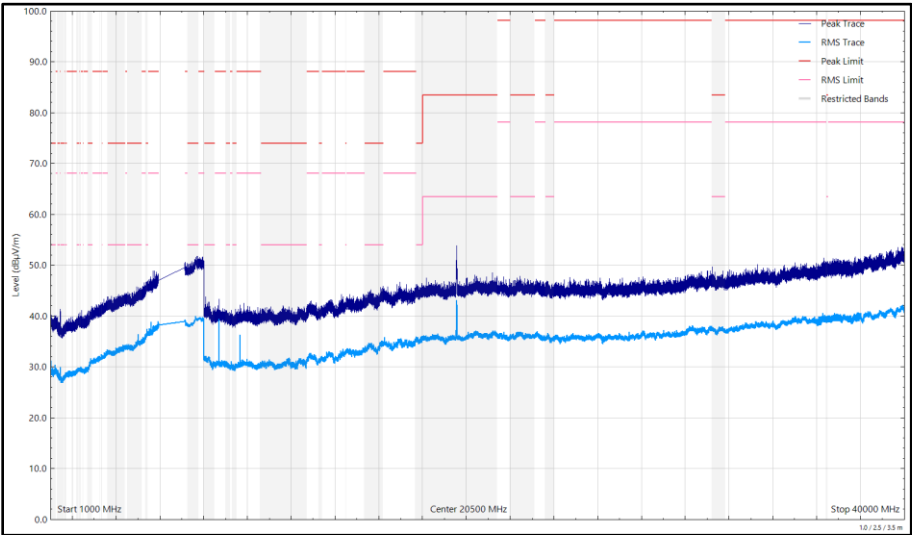


Figure 197 - U-NII-6 - 6515 MHz (CH113), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

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.

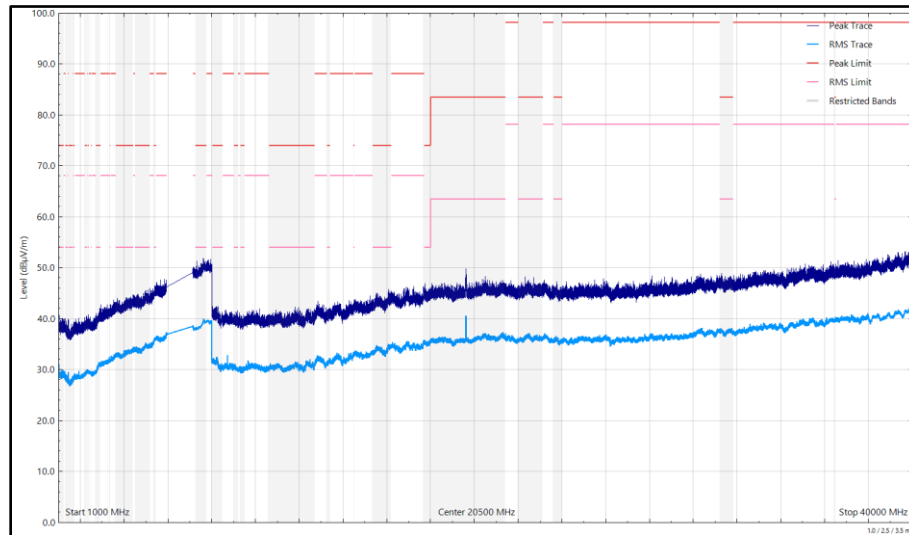


Figure 198 - U-NII-7 - 6535 MHz (CH117), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

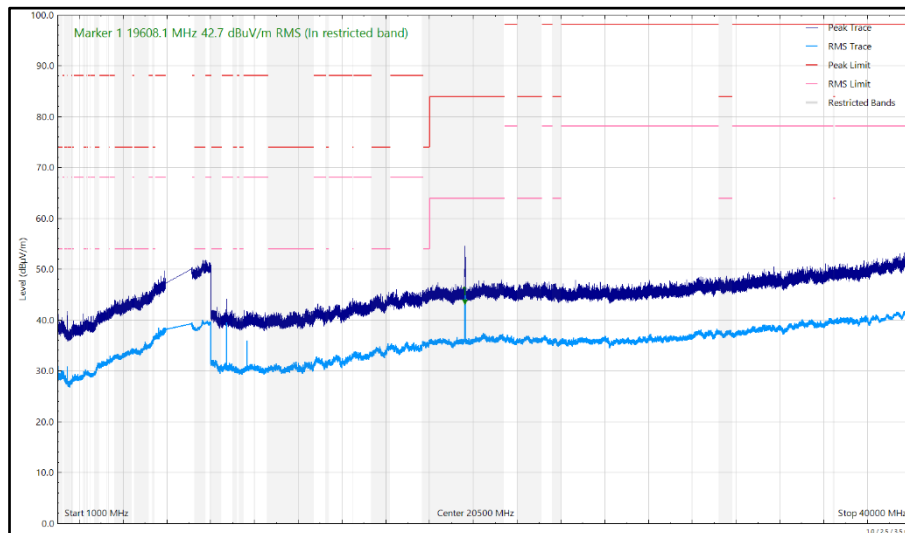


Figure 199 - U-NII-7 - 6535 MHz (CH117), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

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.

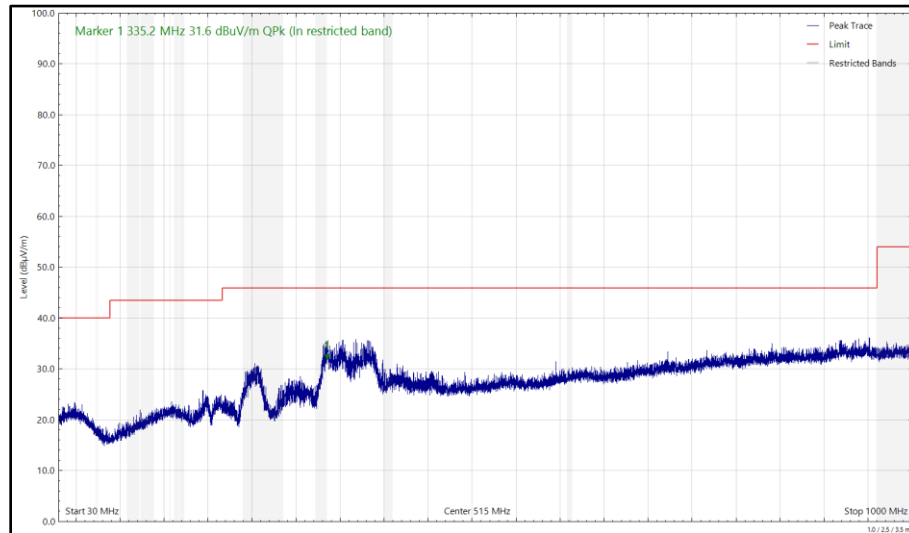


Figure 200 - U-NII-7 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

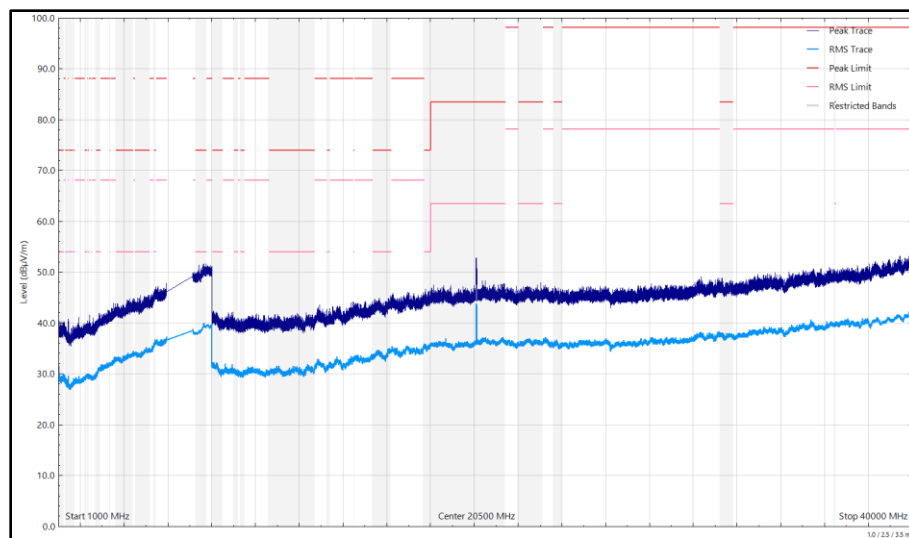


Figure 201 - U-NII-7 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

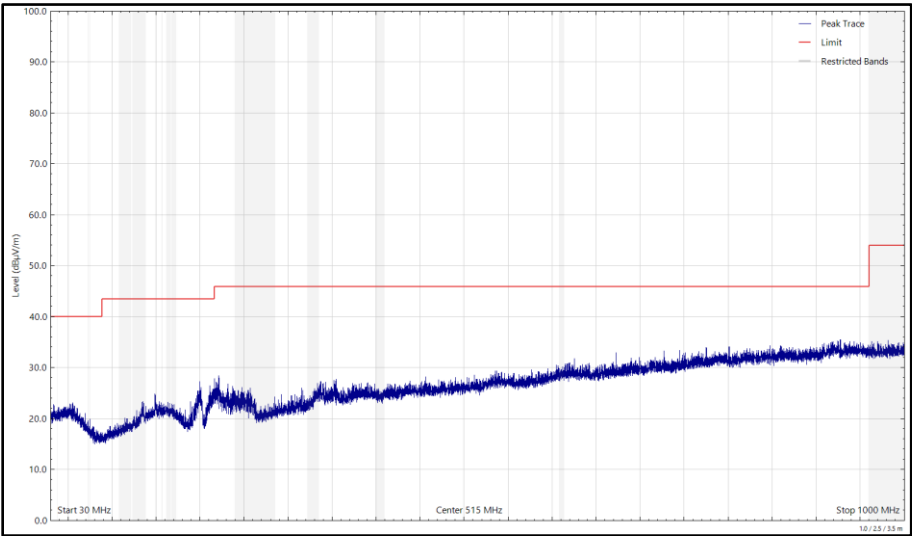


Figure 202 - U-NII-7 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

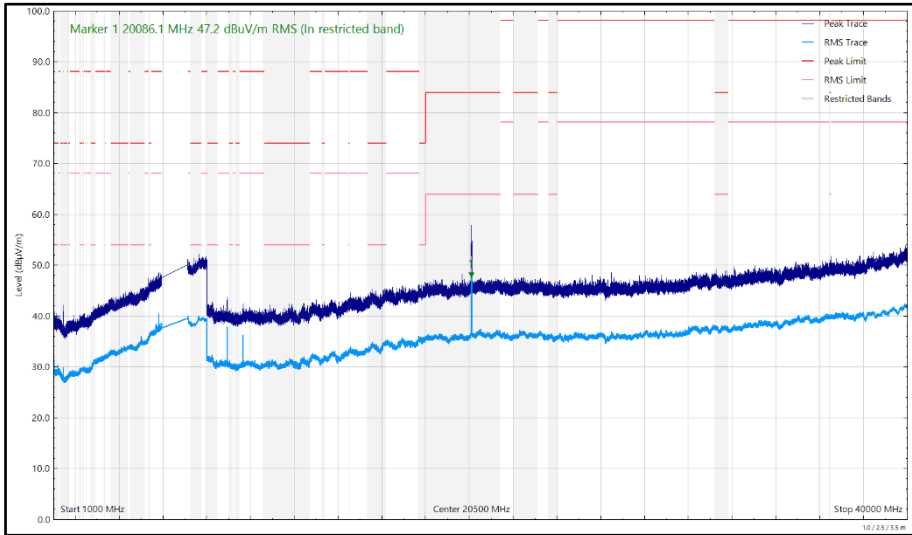


Figure 203 - U-NII-7 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



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.

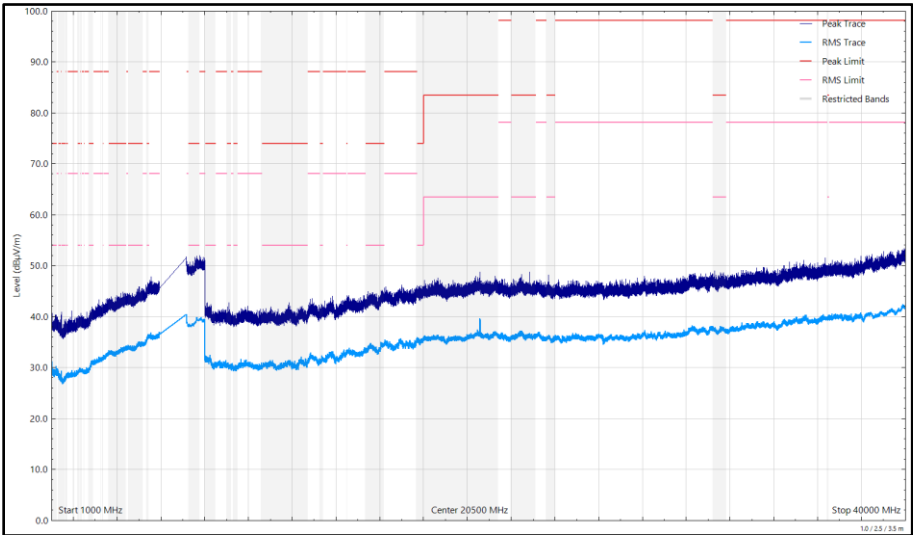


Figure 204 - U-NII-7 - 6855 MHz (CH181), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

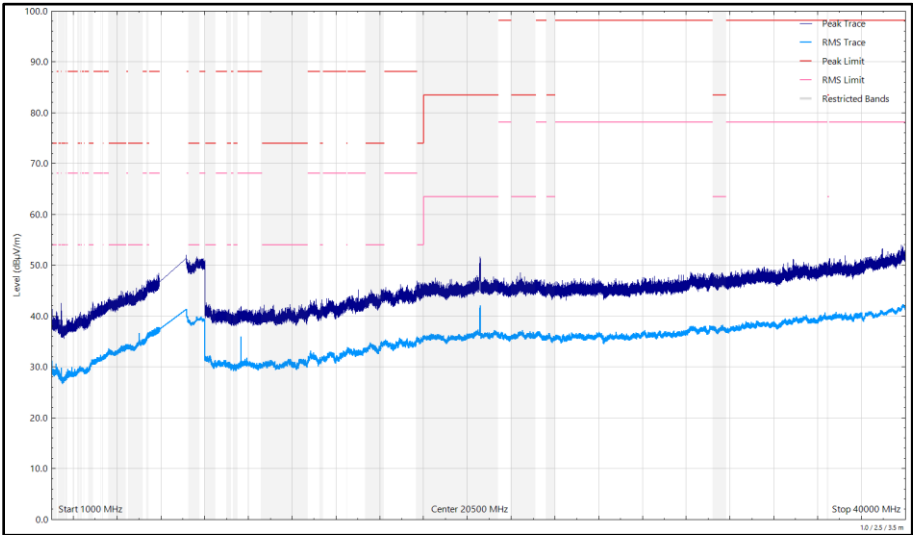


Figure 205 - U-NII-7 - 6855 MHz (CH181), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



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.

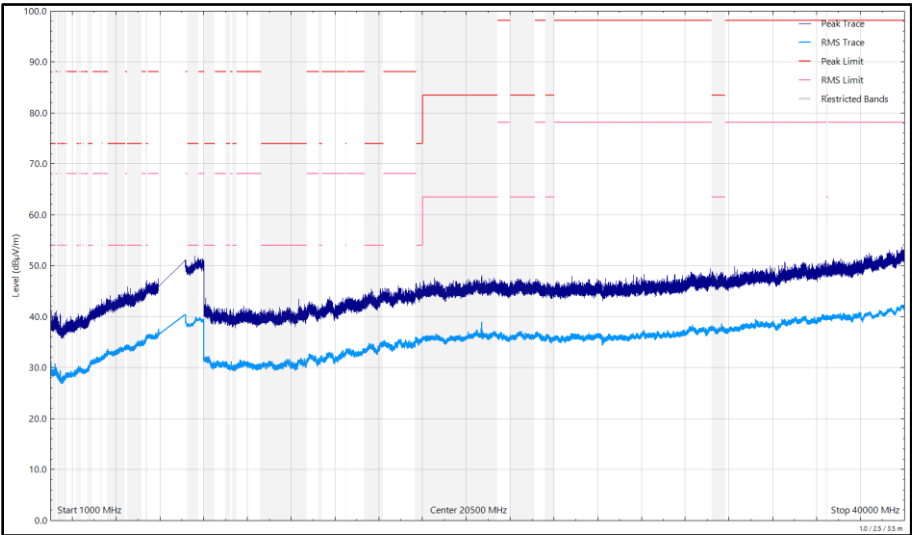


Figure 206 - U-NII-8 - 6895 MHz (CH189), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

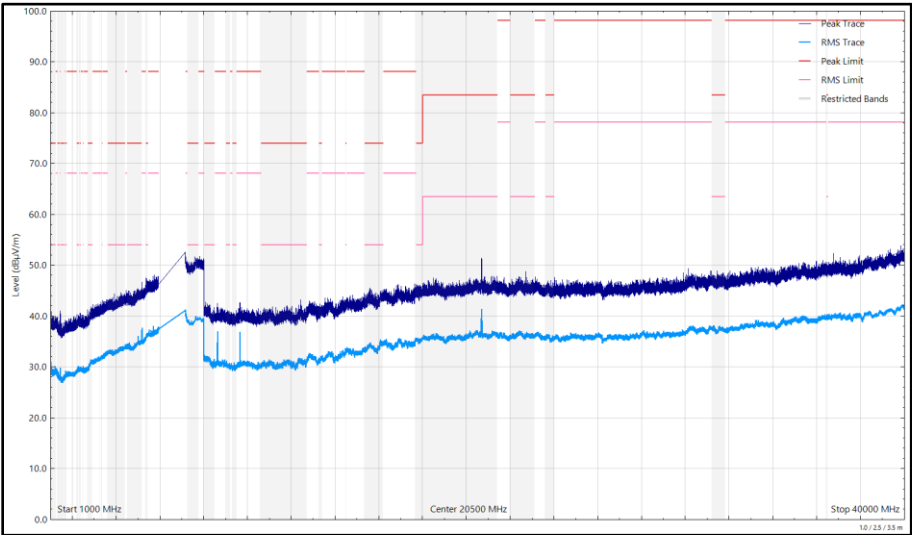


Figure 207 - U-NII-8 - 6895 MHz (CH189), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



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.

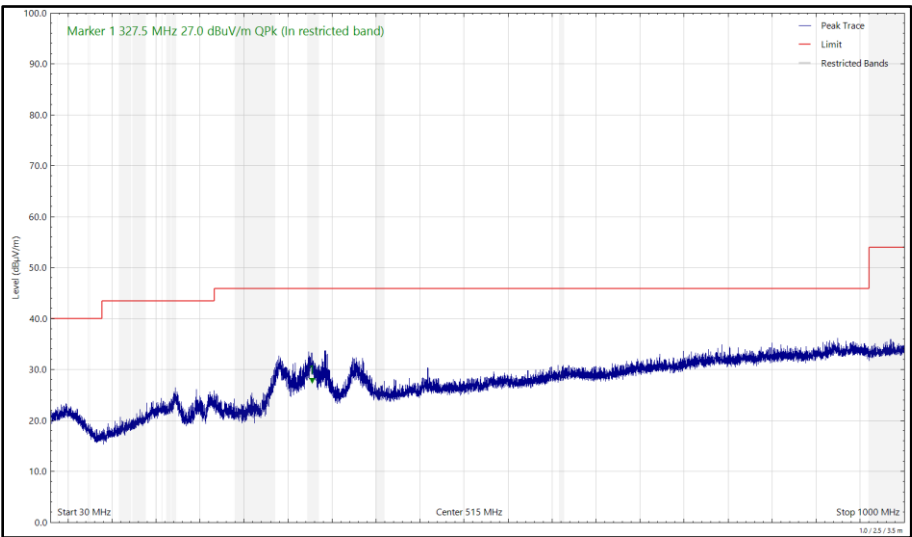


Figure 208 - U-NII-8 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

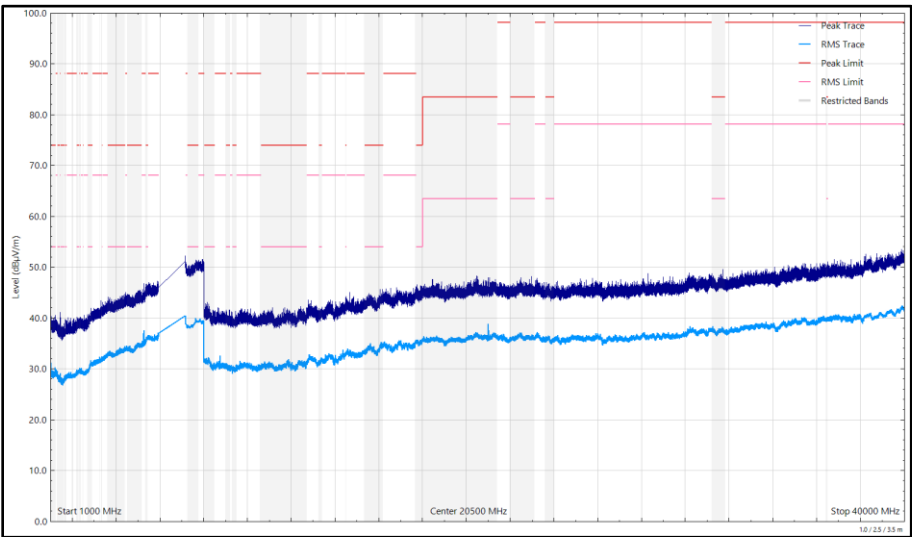


Figure 209 - U-NII-8 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

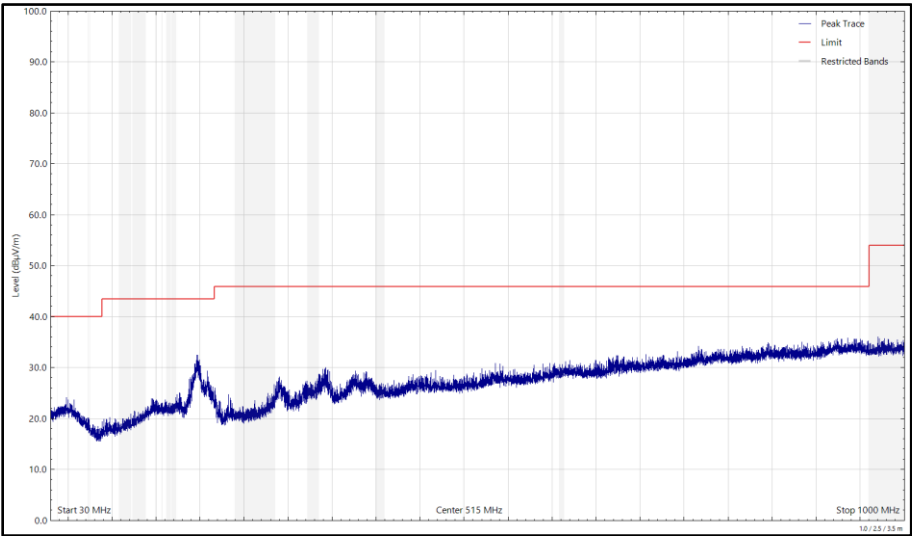


Figure 210 - U-NII-8 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

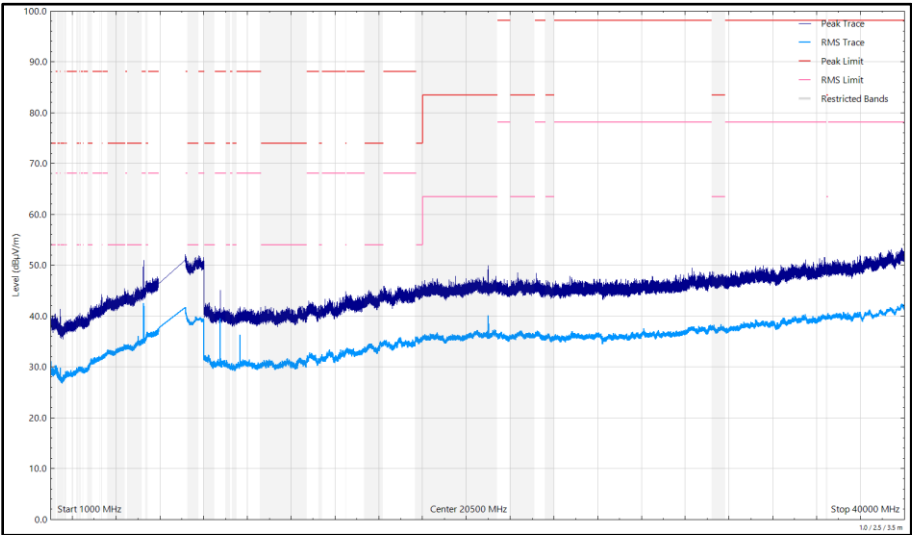


Figure 211 - U-NII-8 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



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.

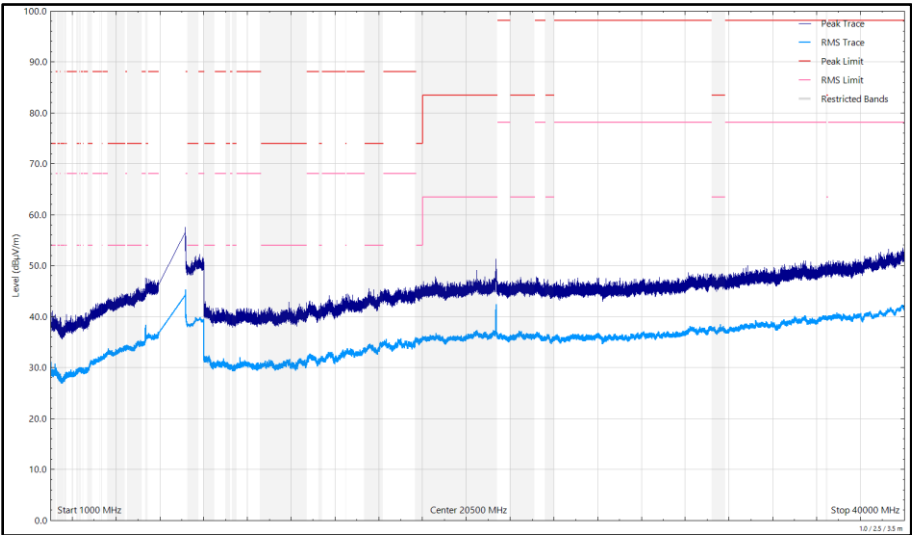


Figure 212 - U-NII-8 - 7115 MHz (CH233), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

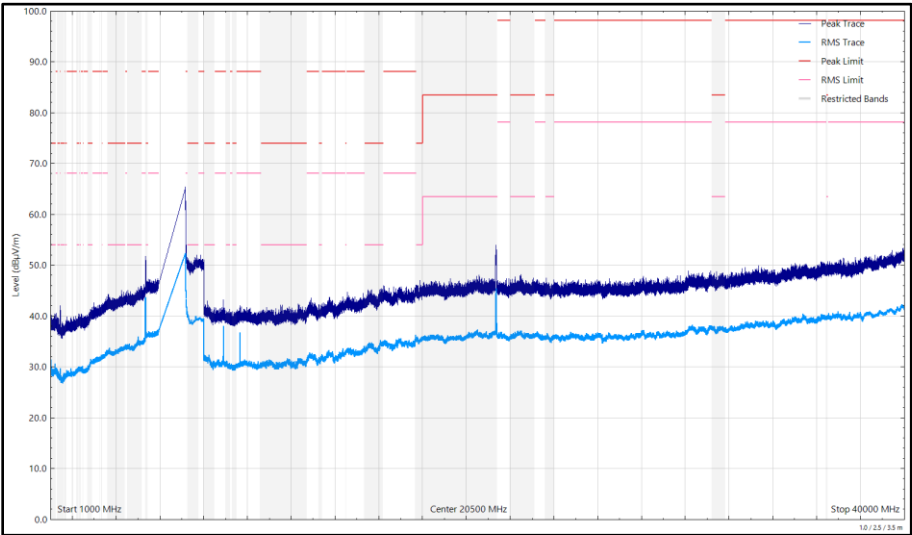


Figure 213 - U-NII-8 - 7115 MHz (CH233), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



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 ($\mu\text{V/m}$) at 3m	Field Strength Limit ($\text{dB}\mu\text{V/m}$) 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 ($\mu\text{V/m}$) at 3m	Field Strength Limit ($\text{dB}\mu\text{V/m}$) 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 16-September-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	7.87	6090.000

Table 307 - Unwanted Emissions Within the RLAN Band Summary Results

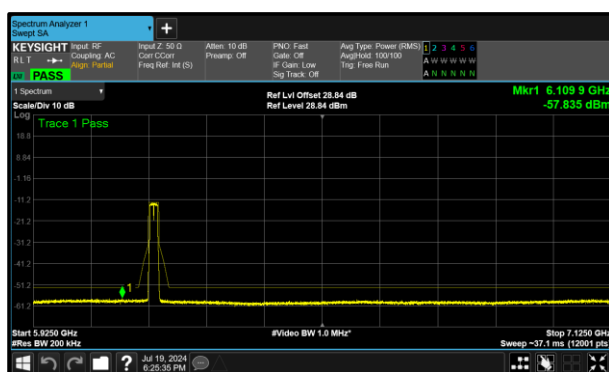


Figure 214 - A (Core 0) 802.11a LPI 6175 MHz (CH45)

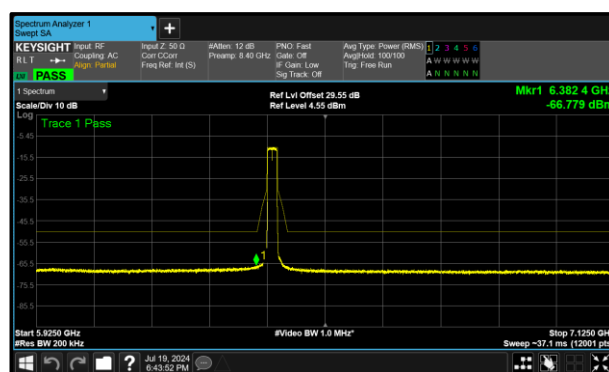


Figure 215 - A (Core 0) 802.11ax HE20 SU LPI 6415 MHz (CH93)

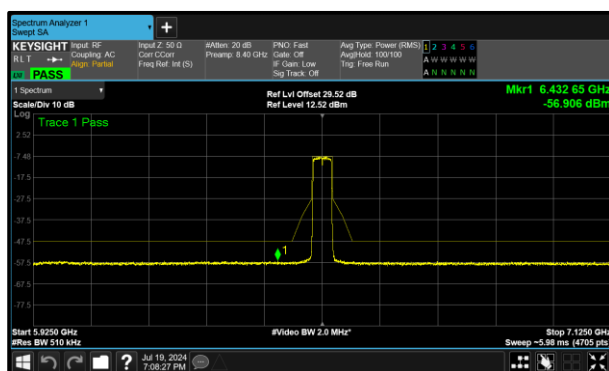


Figure 216 - A (Core 0) 802.11ax HE40 SU LPI 6525 MHz (CH115)

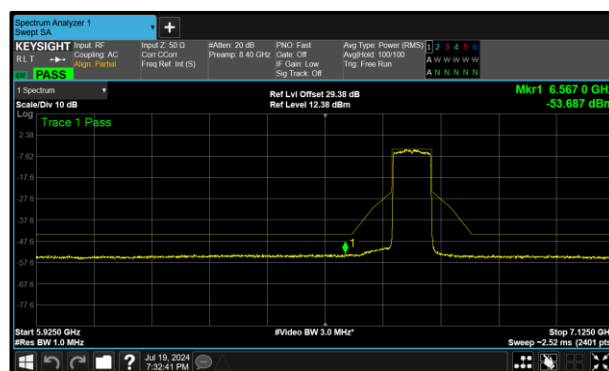


Figure 217 - A (Core 0) 802.11ax HE80 SU LPI 6705 MHz (CH151)

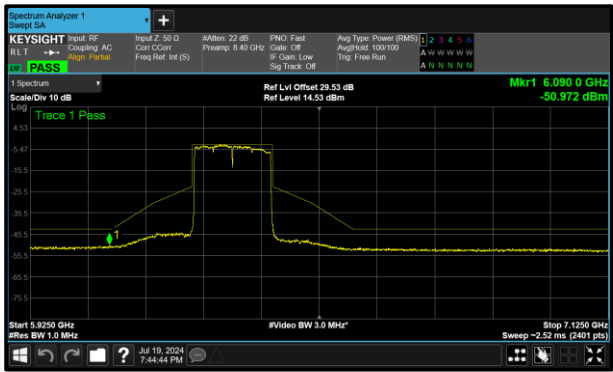


Figure 218 - A (Core 0) 802.11ax HE160 SU LPI
6345 MHz (CH79)



Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 LPI	5.10	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

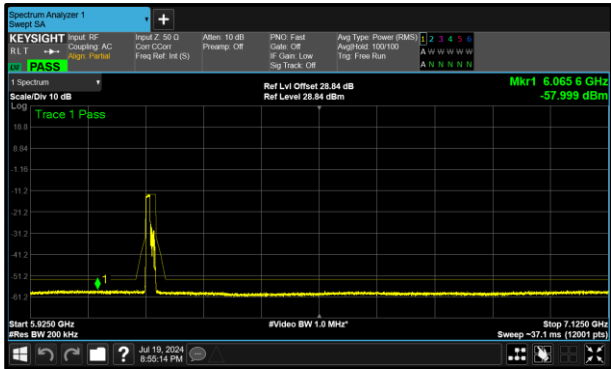


Figure 219 - A (Core 0) 802.11ax HE20 RU106 LPI
6175 MHz (CH45)

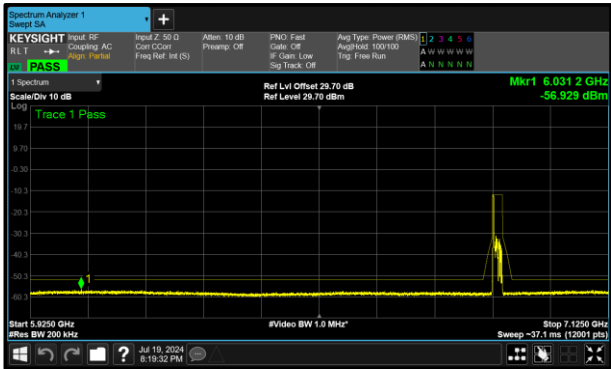


Figure 220 - A (Core 0) 802.11ax HE20 RU26 LPI
6895 MHz (CH189)



Figure 221 - 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	-	12.11	-	-
6185	9.06	-	-	-
6345	7.87	-	-	-
6505	8.14	-	-	-
6665	8.53	-	-	-
6825	8.05	-	-	-
6985	9.68	-	-	-

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	4.81	6096.500

Table 317 - Unwanted Emissions Within the RLAN Band Summary Results

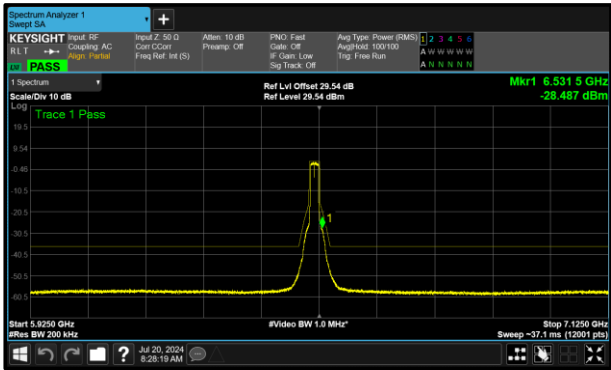


Figure 222 - A (Core 0) 802.11a SP 6515 MHz (CH113)

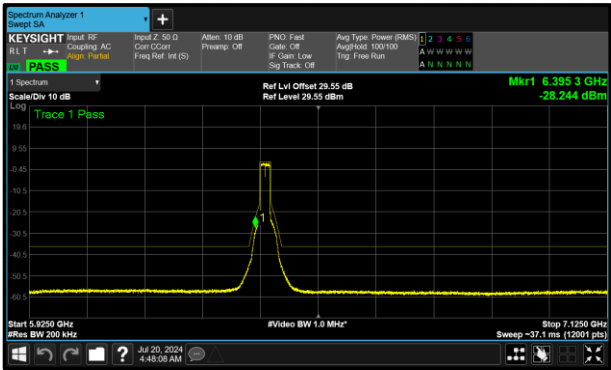


Figure 223 - A (Core 0) 802.11ax HE20 SU SP 6415 MHz (CH93)

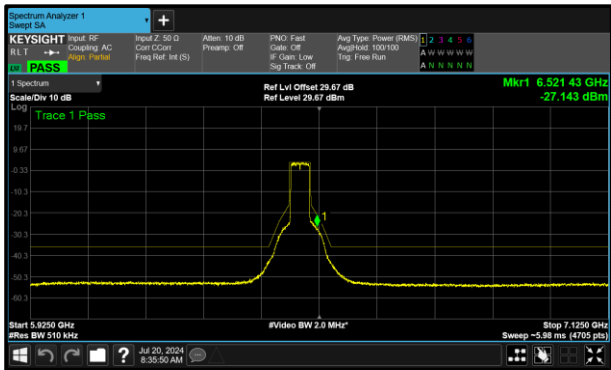


Figure 224 - A (Core 0) 802.11ax HE40 SU SP
6485 MHz (CH107)

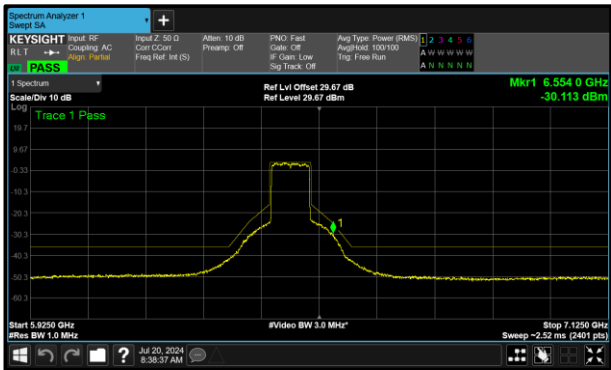


Figure 225 - A (Core 0) 802.11ax HE80 SU SP
6465 MHz (CH103)

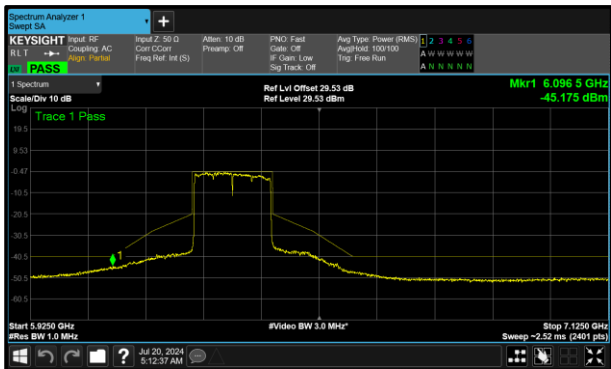


Figure 226 - A (Core 0) 802.11ax HE160 SU SP
6345 MHz (CH79)



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

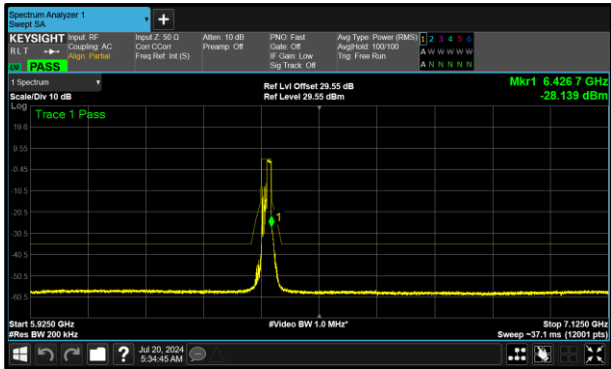


Figure 227 - A (Core 0) 802.11ax HE20 RU106 SP
6415 MHz (CH93)

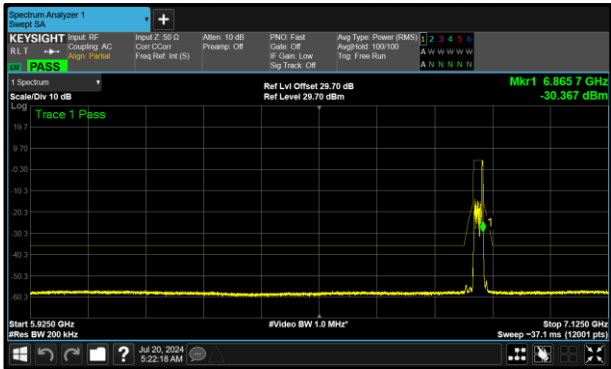


Figure 228 - A (Core 0) 802.11ax HE20 RU26 SP
6855 MHz (CH181)

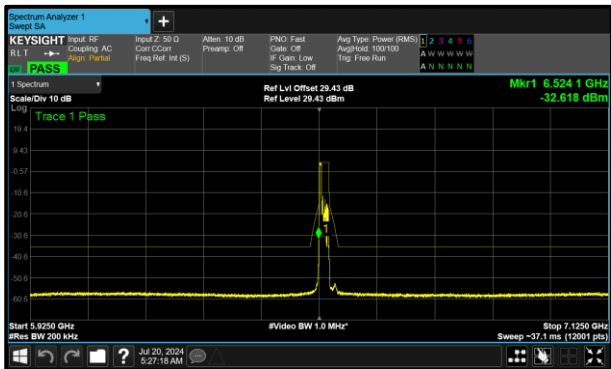


Figure 229 - A (Core 0) 802.11ax HE20 RU52 SP
6535 MHz (CH117)



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	-	9.26	-	-
6185	5.30	-	-	-
6345	4.81	-	-	-
6505	6.02	-	-	-
6665	6.76	-	-	-

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	4.16	6148.000

Table 327 - Unwanted Emissions Within the RLAN Band Summary Results

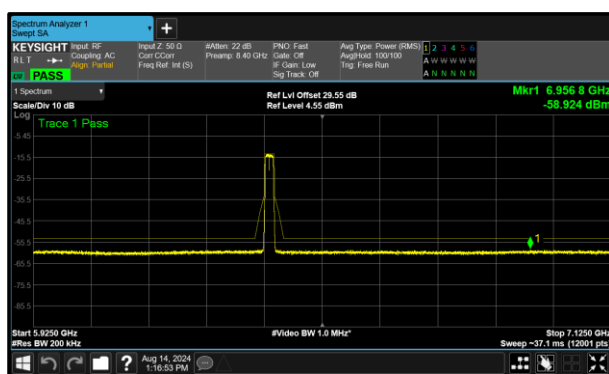


Figure 230 – A (Core 0) 802.11a VLP 6415 MHz (CH93)

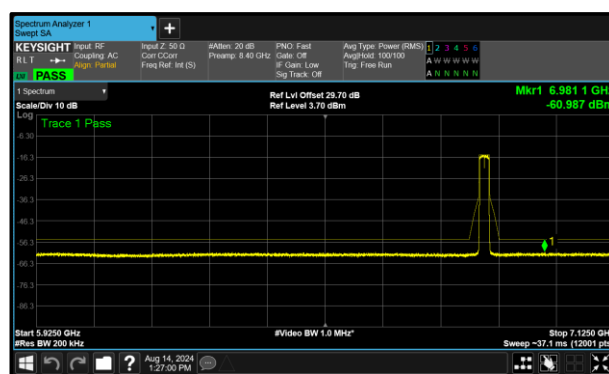


Figure 231 – A (Core 0) 802.11ax HE20 SU VLP 6855 MHz (CH181)

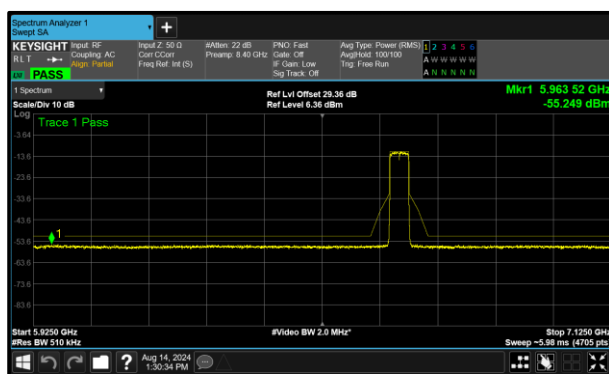


Figure 232 – A (Core 0) 802.11ax HE40 SU VLP 6685 MHz (CH147)

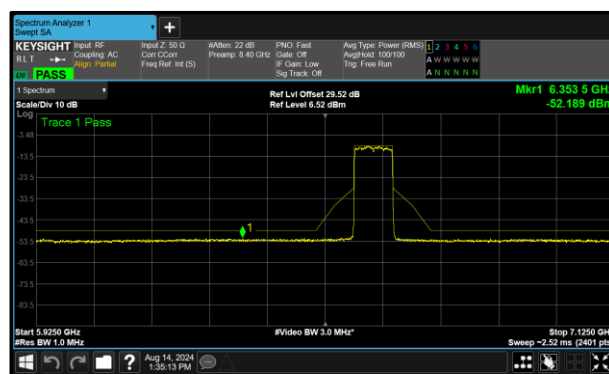


Figure 233 – A (Core 0) 802.11ax HE80 SU VLP 6625 MHz (CH135)

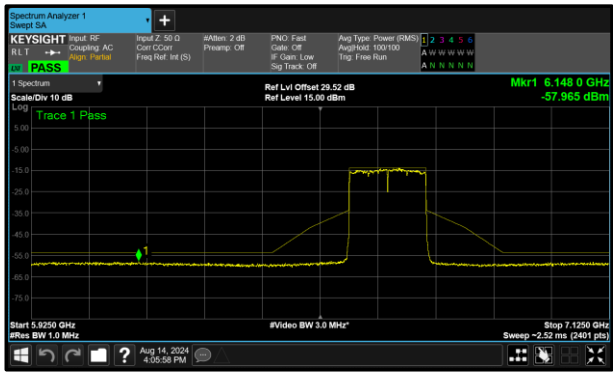


Figure 234 – A (Core 0) 802.11ax HE160 SU VLP
6665 MHz (CH143)



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

Table 328 - Unwanted Emissions Within the RLAN Band Summary Results

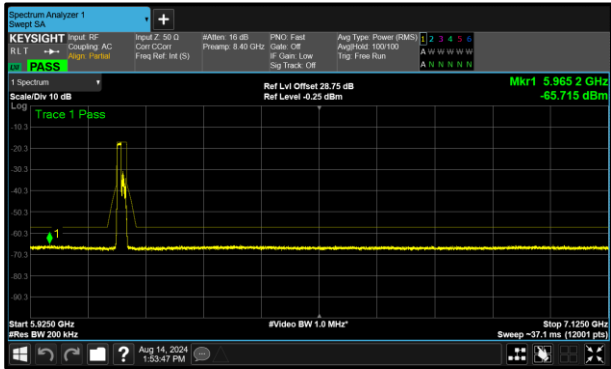


Figure 235 – A (Core 0) 802.11ax HE20 RU106 VLP 6115 MHz (CH33)

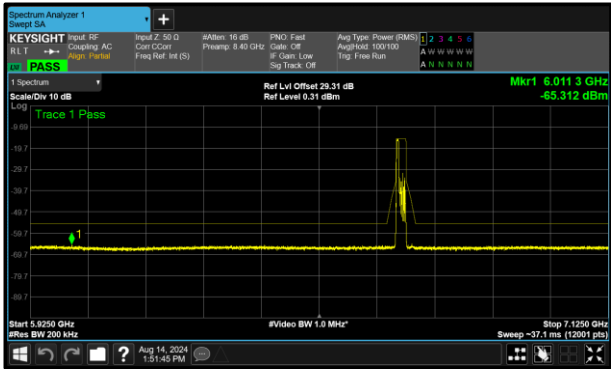


Figure 236 – A (Core 0) 802.11ax HE20 RU52 VLP 6695 MHz (CH149)



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	6.43	-	-	-
6345	7.15	-	-	-
6665	4.16	-	-	-

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	7.87	5992.500

Table 336 - Unwanted Emissions Within the RLAN Band Summary Results

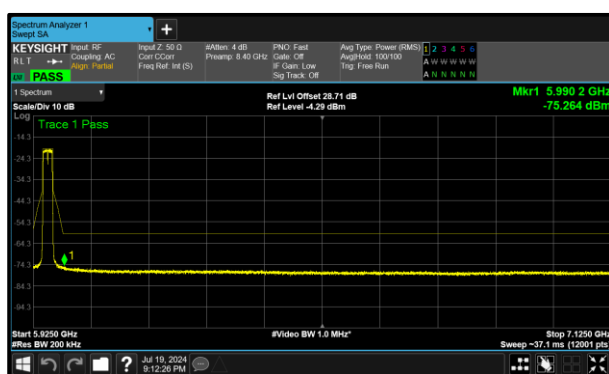


Figure 237 - A (Core 0) 802.11ax HE20 SU LPI
5955 MHz (CH1)

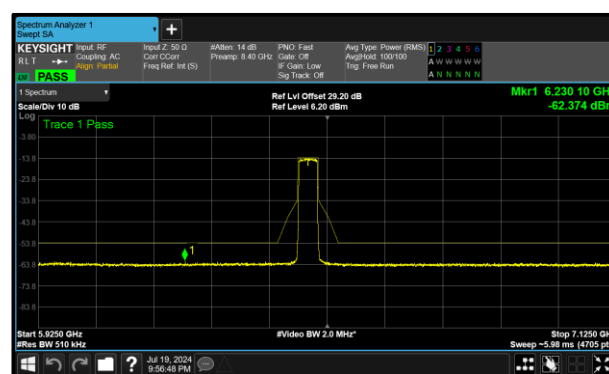


Figure 238 - B (Core 1) 802.11ax HE40 SU LPI
6485 MHz (CH107)

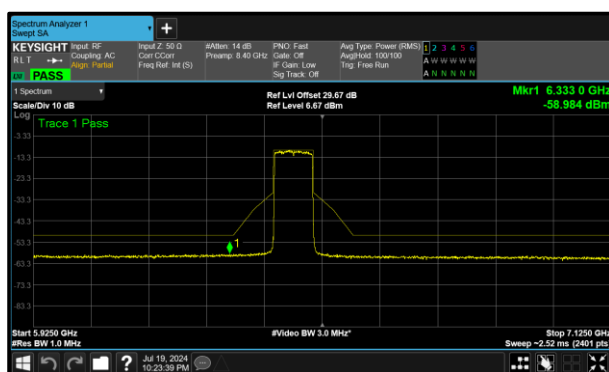


Figure 239 - A (Core 0) 802.11ax HE80 SU LPI
6465 MHz (CH103)

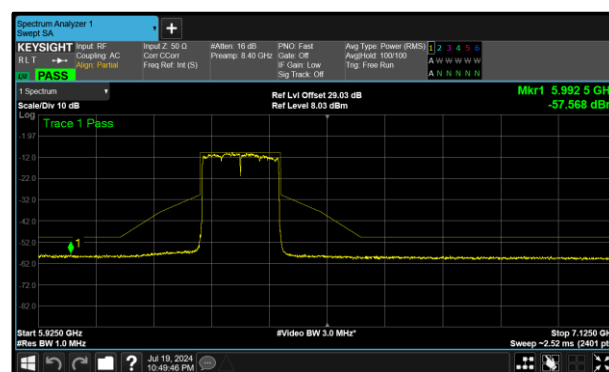


Figure 240 - B (Core 1) 802.11ax HE160 SU LPI
6345 MHz (CH79)



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

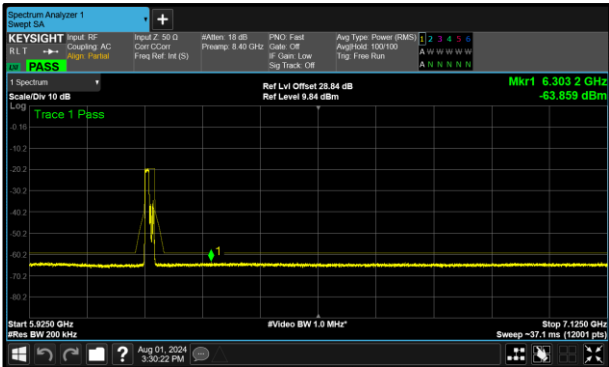


Figure 241 - A (Core 0) 802.11ax HE20 RU106 LPI
6175 MHz (CH45)

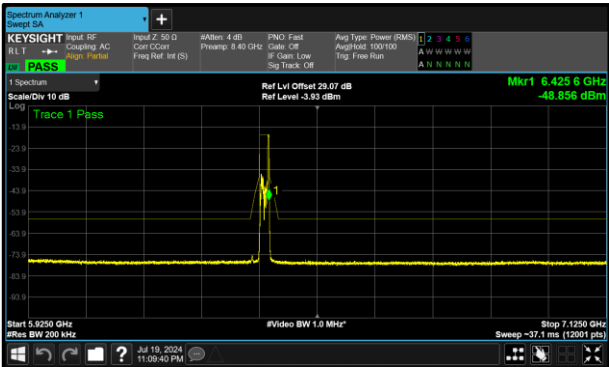


Figure 242 - B (Core 1) 802.11ax HE20 RU26 LPI
6415 MHz (CH93)

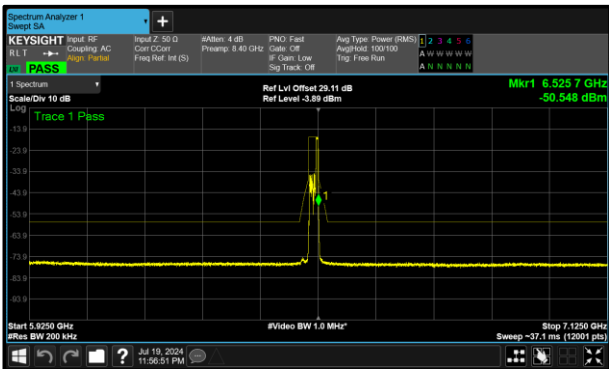


Figure 243 - B (Core 1) 802.11ax HE20 RU52 LPI
6515 MHz (CH113)



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	9.24	11.30	-	-
6185	9.00	8.96	-	-
6345	8.97	7.87	-	-
6505	8.79	9.08	-	-
6665	9.17	9.72	-	-
6825	8.39	10.19	-	-
6985	10.52	10.18	-	-

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