



Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
73.882	20.85	40.00	-19.15	Q-Peak	65	100	Vertical
7274.790	39.08	54.00	-14.92	RMS	26	273	Vertical
7275.811	39.07	54.00	-14.93	RMS	79	345	Horizontal

Table 259 - U-NII-8 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 10 dB of the limit.

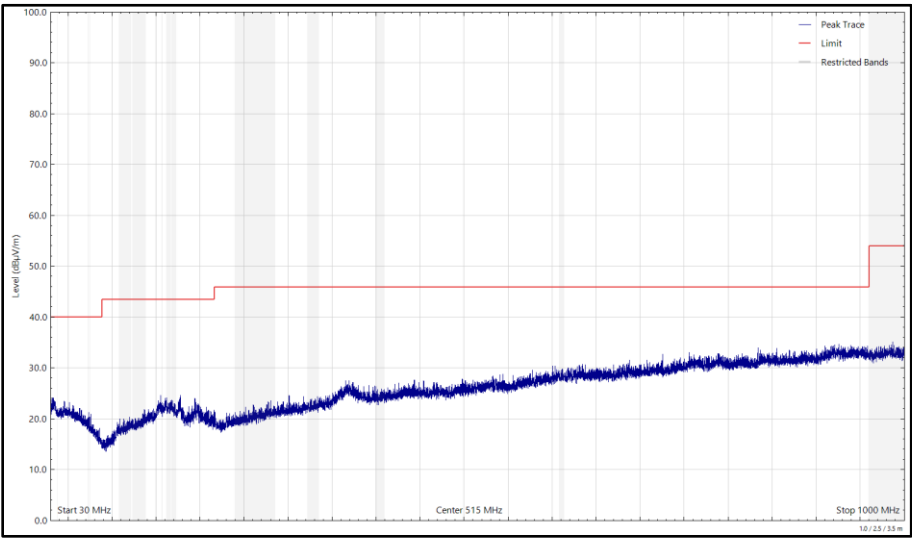


Figure 289 - U-NII-8 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 30 MHz to 1 GHz, Horizontal (Peak)

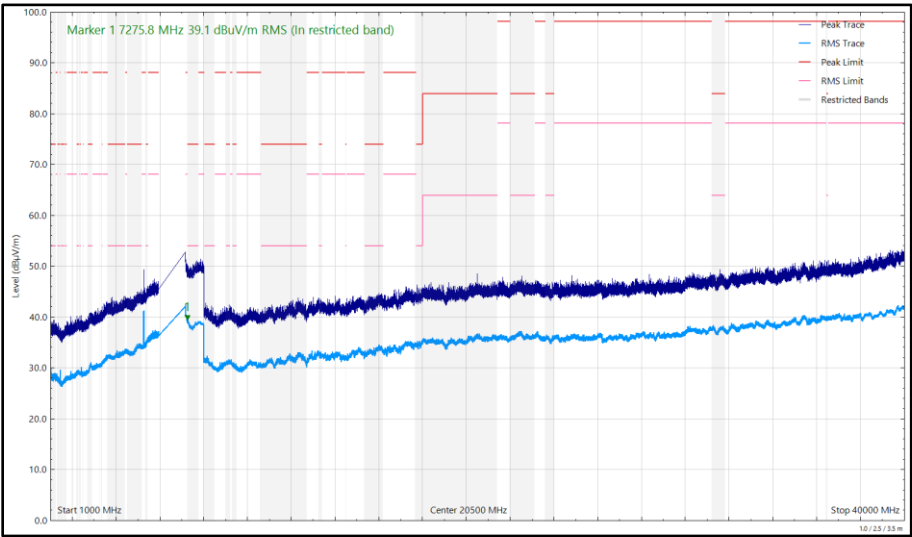
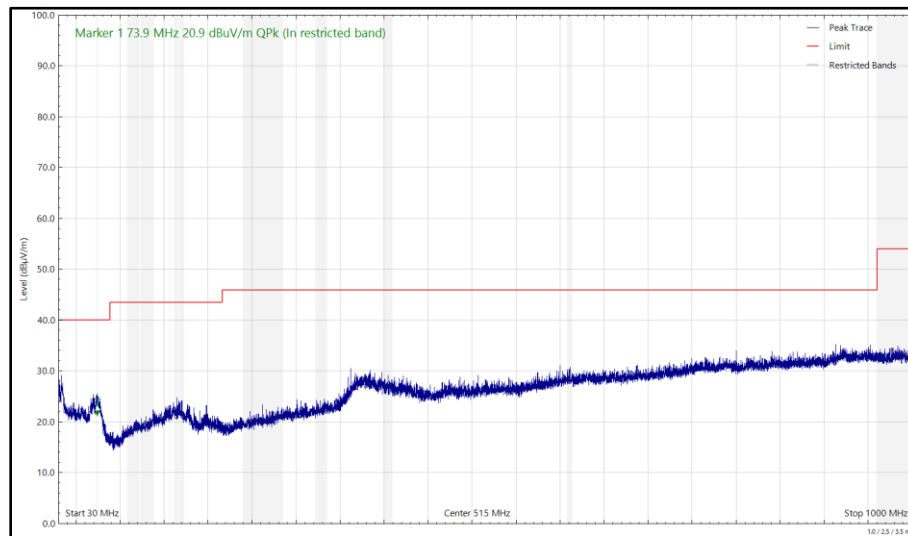
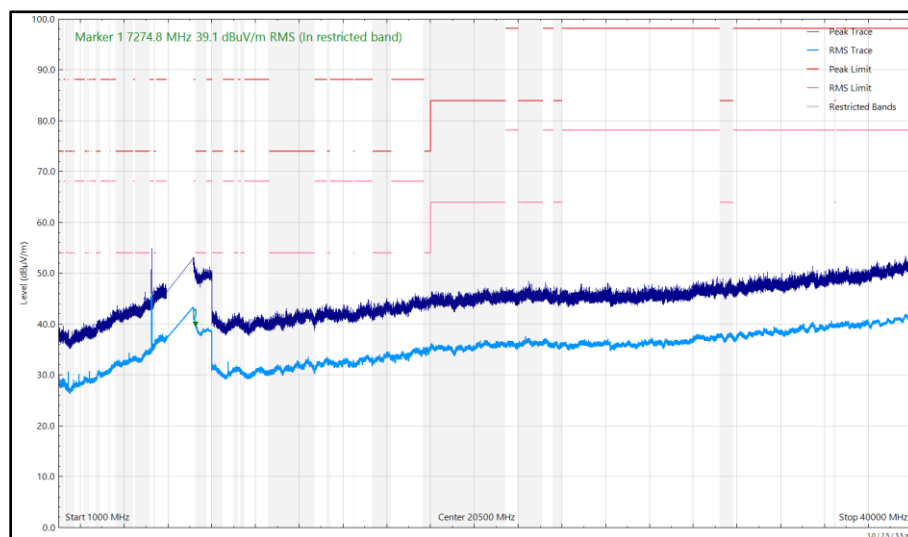


Figure 290 - U-NII-8 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 1 GHz to 40 GHz, Horizontal



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

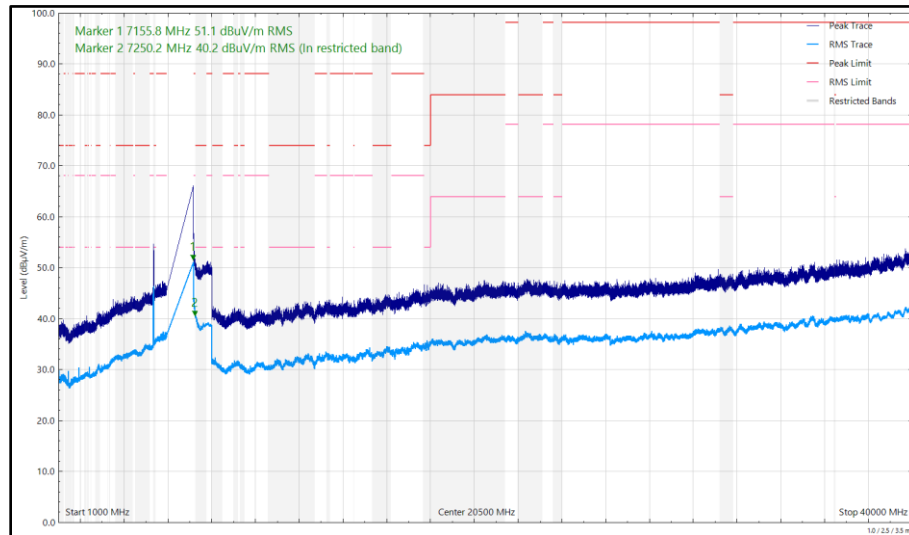


**Figure 292 - U-NII-8 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1
1 GHz to 40 GHz, Vertical**

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5339.982	49.49	68.20	-18.71	RMS	359	350	Vertical
5350.007	36.56	54.00	-17.44	RMS	357	337	Vertical
7155.750	51.10	68.20	-17.10	RMS	74	371	Horizontal
7156.406	51.24	68.20	-16.96	RMS	48	239	Vertical
7157.152	70.44	88.20	-17.76	Peak	22	268	Vertical
7250.166	40.15	54.00	-13.85	RMS	79	394	Horizontal
7252.100	42.01	54.00	-11.99	RMS	44	248	Vertical

Table 260 - U-NII-8 - 7115 MHz (CH233), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.



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

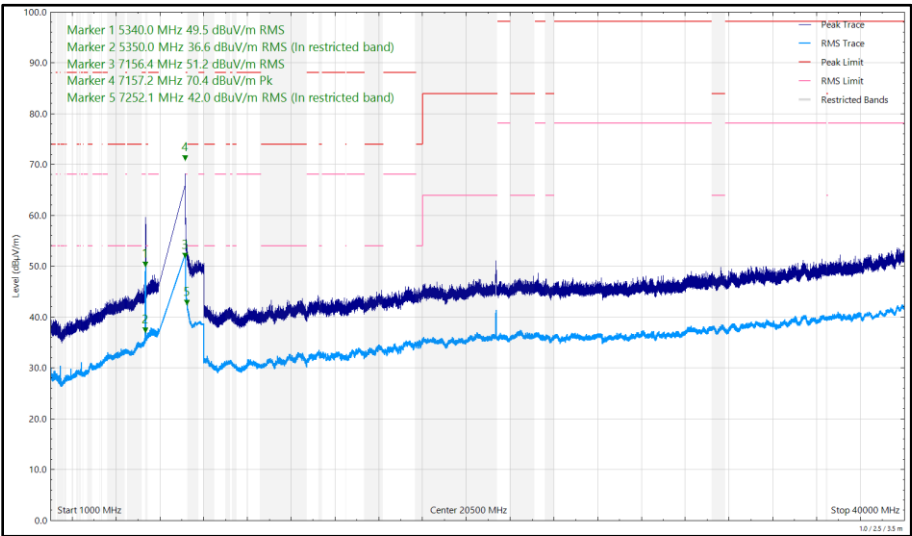


Figure 294 - U-NII-8 - 7115 MHz (CH233), HE20, SU, CDD, Core 0 + Core 1
1 GHz to 40 GHz, Vertical

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

Emissions not falling within the restricted bands listed in 15.205:

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

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

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

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

Table 261 - Radiated Emissions Limit Table (FCC)



2.7.8 Test Location and Test Equipment Used

This test was carried out in RF Chamber 18.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Emissions Software	TUV SUD	EmX V3.2.0	5125	-	Software
Cable (N to N 1m)	Junkosha	MWX221-01000AMSAMS/B	6009	12	20-May-2025
SAC Switch Unit	TUV SUD	TUV_SSU_001	6144	12	11-Dec-2024
8GHz Highpass Filter	Wainwright	WHKX 7150 8000 18000 50SS	6194	12	23-Apr-2025
Pre Amp 8 - 18 GHz	Wright Technologies	APS06 0061	6200	12	03-Jun-2025
Cable (SMA to SMA 20cm)	TUV SUD	MH-FH 8-18	6215	12	23-Apr-2025
Cable (SMA to SMA 8m)	Junkosha	MWX221-08000AMSAMS/B	6318	12	18-Feb-2025
Cable (K Type 2m)	Junkosha	MWX241-02000KMSKMS/B	6323	12	04-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
DRG Horn Antenna (8-18 GHz)	Schwarzbeck	HWRD750	6458	12	05-May-2025
Humidity and Temperature Meter	R.S Components	1364	6486	12	04-Jun-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
Digital Multimeter	Fluke	115	6146	12	06-Jun-2025

Table 262

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)(7)

2.8.2 Equipment Under Test and Modification State

A3186, S/N: M44MHNWLH2 - Modification State 0
A3186, S/N: M496C9XMTP - Modification State 0
A3186, S/N: LXXD3YHT0L - Modification State 0

2.8.3 Date of Test

28-August-2024 to 06-November-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	20.6 - 22.3 °C
Relative Humidity	48.4 - 58.4 %

2.8.6 Test Results

6 GHz WLAN

SISO

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11a LPI	10.49	7071.900
802.11ax HE20 SU LPI	4.14	6862.700
802.11ax HE40 SU LPI	4.76	6835.710
802.11ax HE80 SU LPI	7.01	6498.000
802.11ax HE160 SU LPI	7.95	6265.000

Table 263 - Unwanted Emissions Within the RLAN Band Summary Results

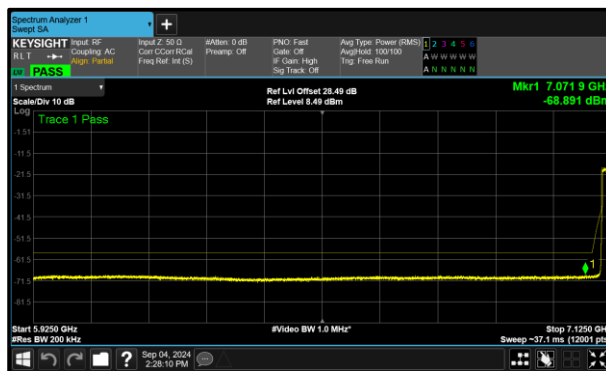


Figure 295 - B (Core 1) 802.11a LPI 7115 MHz (CH233)

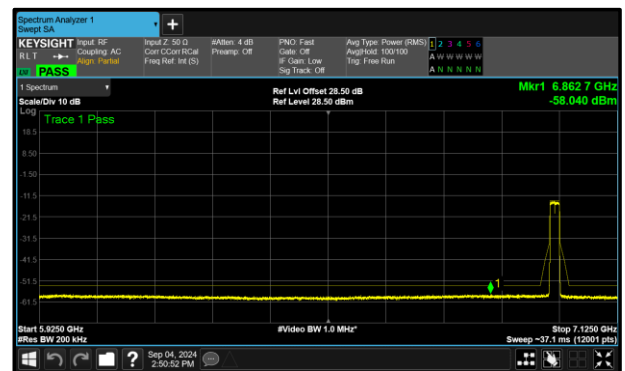


Figure 296 - A (Core 0) 802.11ax HE20 SU LPI 6995 MHz (CH209)

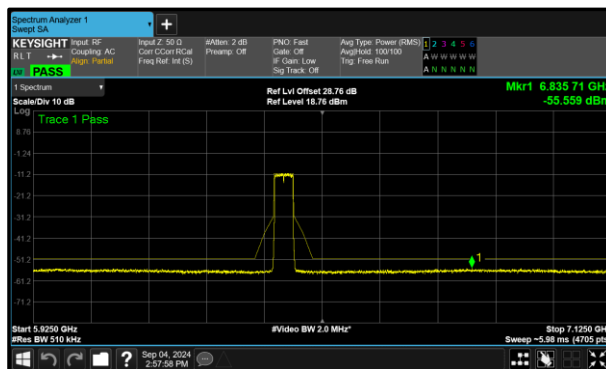


Figure 297 - A (Core 0) 802.11ax HE40 SU LPI 6445 MHz (CH99)

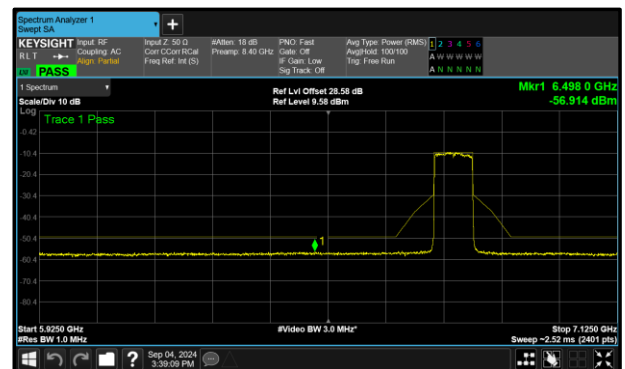


Figure 298 - A (Core 0) 802.11ax HE80 SU LPI 6785 MHz (CH167)

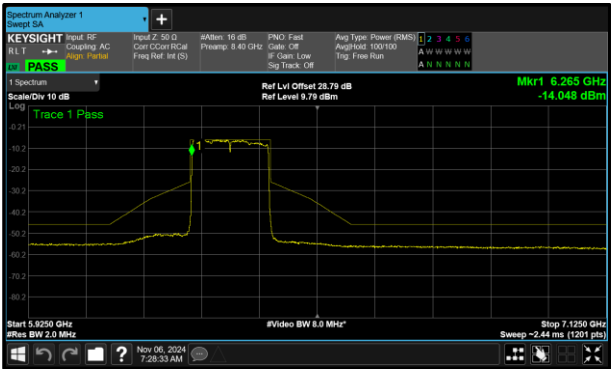


Figure 299 - A (Core 0) 802.11ax HE160 SU LPI
6345 MHz (CH79)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 LPI	4.78	6666.600
802.11ax HE20 RU26 LPI	7.89	6437.100
802.11ax HE20 RU52 LPI	8.12	6046.400

Table 264 - Unwanted Emissions Within the RLAN Band Summary Results

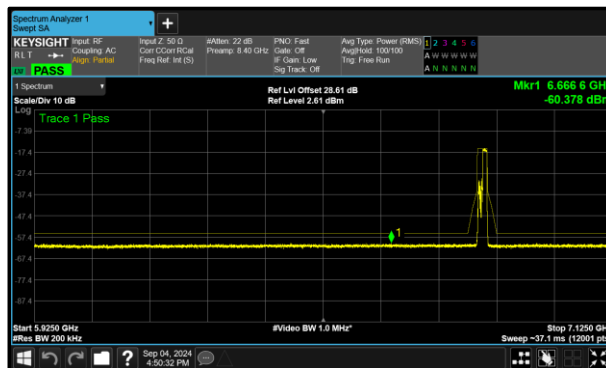


Figure 300 - A (Core 0) 802.11ax HE20 RU106 LPI
6855 MHz (CH181)

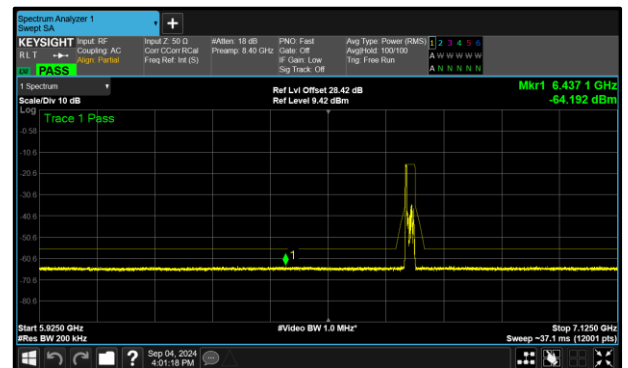


Figure 301 - A (Core 0) 802.11ax HE20 RU26 LPI
6695 MHz (CH149)

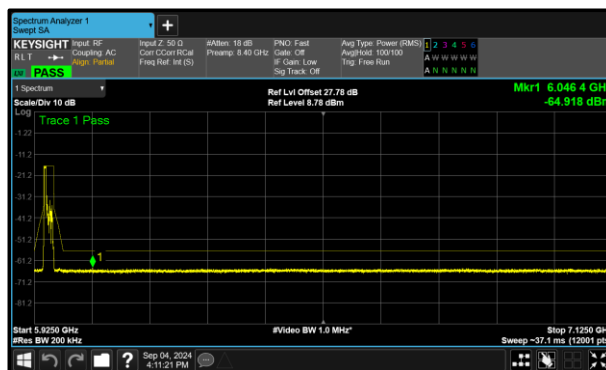


Figure 302 - A (Core 0) 802.11ax HE20 RU52 LPI
5955 MHz (CH1)



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	12.83	-	-	-
6175	11.99	-	-	-
6415	12.77	-	-	-
6435	13.95	-	-	-
6475	14.56	-	-	-
6515	14.63	-	-	-
6535	12.78	-	-	-
6695	13.22	-	-	-
6855	12.74	-	-	-
6875	13.14	-	-	-
6895	-	14.98	-	-
6995	-	14.64	-	-
7115	-	10.49	-	-

Table 265 - 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	9.88	-	-	-
6175	16.45	-	-	-
6415	9.09	-	-	-
6435	5.51	-	-	-
6475	5.49	-	-	-
6515	5.29	-	-	-
6535	9.89	-	-	-
6695	8.95	-	-	-
6855	8.96	-	-	-
6875	9.09	-	-	-
6895	-	5.76	-	-
6995	-	4.14	-	-
7095	-	5.68	-	-

Table 266 - 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	9.88	-	-	-
6165	9.92	-	-	-
6405	9.09	-	-	-
6445	4.76	-	-	-
6485	4.83	-	-	-
6525	7.94	-	-	-
6565	9.89	-	-	-
6685	7.76	-	-	-
6845	9.53	-	-	-
6885	7.70	-	-	-
6925	-	9.22	-	-
7005	-	9.66	-	-
7085	-	11.39	-	-

Table 267 - 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	8.51	-	-	-
6145	7.23	-	-	-
6385	7.85	-	-	-
6465	9.37	-	-	-
6545	9.02	-	-	-
6625	7.07	-	-	-
6705	7.71	-	-	-
6785	7.01	-	-	-
6865	8.88	-	-	-
6945	-	9.35	-	-
7025	-	9.22	-	-

Table 268 - Unwanted Emissions Within the Band Results



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

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6025	8.56	-	-	-
6185	8.53	-	-	-
6345	7.95	-	-	-
6505	8.66	-	-	-
6665	8.51	-	-	-
6825	8.15	-	-	-
6985	-	8.54	-	-

Table 269 - 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)	8.47	-	-	-
6175 (RU26.0)	9.94	-	-	-
6415 (RU26.8)	10.17	-	-	-
6435 (RU26.0)	11.63	-	-	-
6475 (RU26.0)	12.07	-	-	-
6515 (RU26.8)	11.95	-	-	-
6535 (RU26.0)	8.47	-	-	-
6695 (RU26.0)	7.89	-	-	-
6855 (RU26.8)	7.91	-	-	-
6875 (RU26.3)	9.75	-	-	-
6875 (RU26.5)	9.95	-	-	-
6895 (RU26.0)	-	10.16	-	-
6995 (RU26.0)	-	11.86	-	-
7095 (RU26.8)	-	11.69	-	-

Table 270 - 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)	8.12	-	-	-
6175 (RU52.37)	10.39	-	-	-
6415 (RU52.40)	10.36	-	-	-
6435 (RU52.37)	11.91	-	-	-
6475 (RU52.37)	12.18	-	-	-
6515 (RU52.40)	12.61	-	-	-
6535 (RU52.37)	10.98	-	-	-
6695 (RU52.37)	10.29	-	-	-
6855 (RU52.40)	10.23	-	-	-
6875 (RU52.38)	10.10	-	-	-
6875 (RU52.39)	10.14	-	-	-
6895 (RU52.37)	-	12.28	-	-
6995 (RU52.37)	-	12.40	-	-
7095 (RU52.40)	-	12.39	-	-

Table 271 - 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)	10.56	-	-	-
6175 (RU106.53)	9.98	-	-	-
6415 (RU106.54)	10.54	-	-	-
6435 (RU106.53)	11.46	-	-	-
6475 (RU106.53)	11.93	-	-	-
6515 (RU106.54)	12.04	-	-	-
6535 (RU106.53)	10.40	-	-	-
6695 (RU106.53)	9.98	-	-	-
6855 (RU106.54)	4.78	-	-	-
6875 (RU106.53)	10.29	-	-	-
6875 (RU106.54)	10.30	-	-	-
6895 (RU106.53)	-	12.43	-	-
6995 (RU106.53)	-	12.42	-	-
7095 (RU106.54)	-	12.44	-	-

Table 272 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11a SP	7.66	6458.100
802.11ax HE20 SU SP	8.02	6451.800
802.11ax HE40 SU SP	5.44	6530.102
802.11ax HE80 SU SP	4.45	6716.500
802.11ax HE160 SU SP	4.70	6093.000

Table 273 - Unwanted Emissions Within the RLAN Band Summary Results

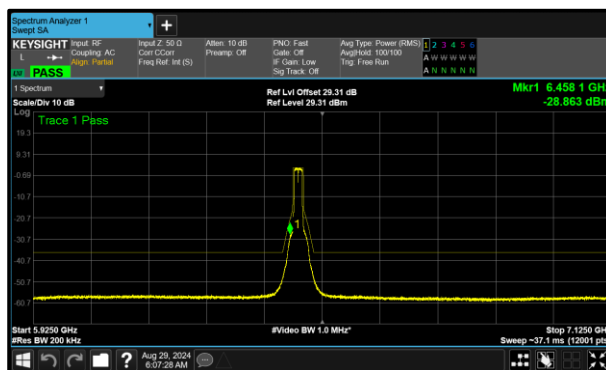


Figure 303 - A (Core 0) 802.11a SP 6475 MHz (CH105)

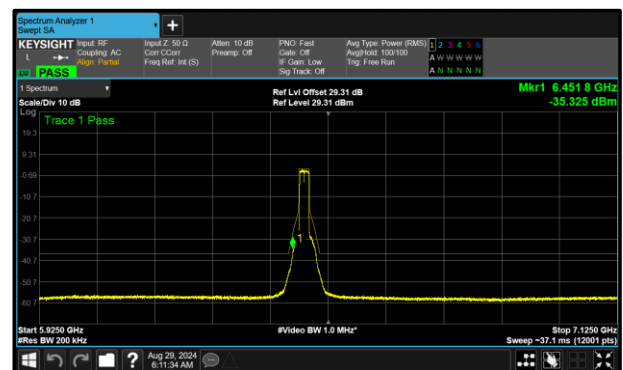


Figure 304 - A (Core 0) 802.11ax HE20 SU SP 6475 MHz (CH105)

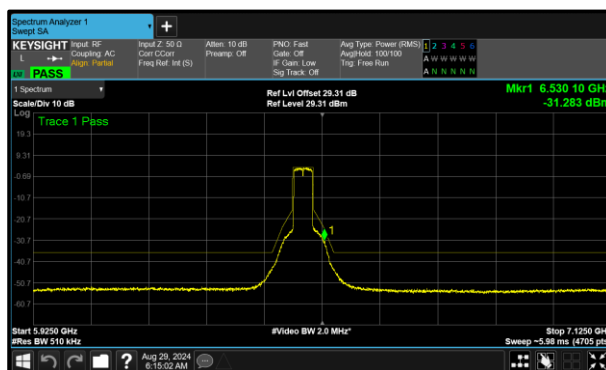


Figure 305 - A (Core 0) 802.11ax HE40 SU SP 6485 MHz (CH107)

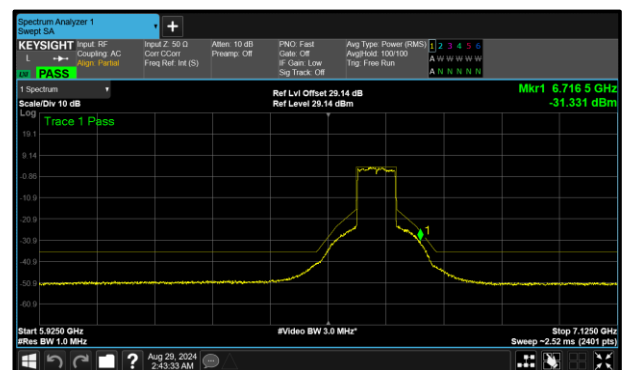


Figure 306 - A (Core 0) 802.11ax HE80 SU SP 6625 MHz (CH135)

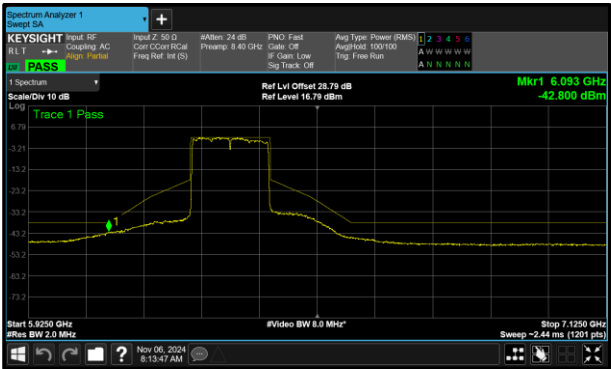


Figure 307 - A (Core 0) 802.11ax HE160 SU SP
6345 MHz (CH79)



Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 SP	14.43	6462.700
802.11ax HE20 RU26 SP	17.65	6425.800
802.11ax HE20 RU52 SP	18.44	6684.100

Table 274 - Unwanted Emissions Within the RLAN Band Summary Results

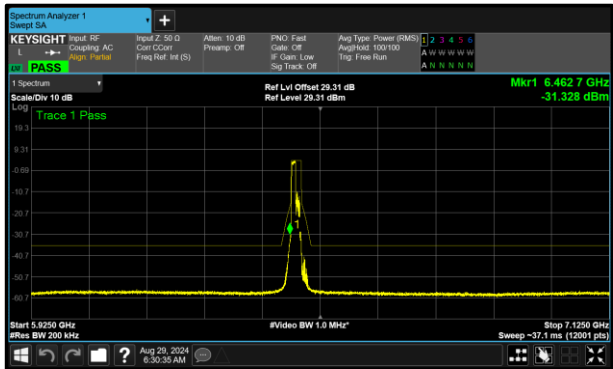


Figure 308 - A (Core 0) 802.11ax HE20 RU106 SP
6475 MHz (CH105)

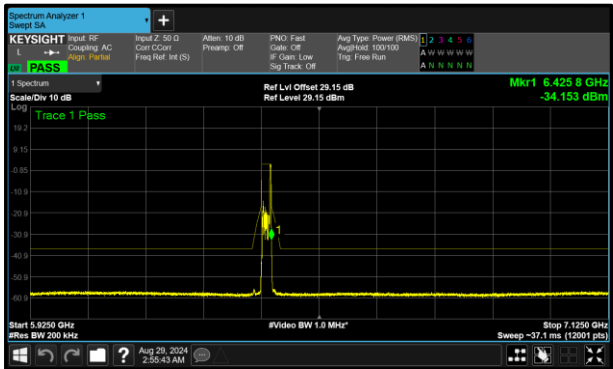


Figure 309 - A (Core 0) 802.11ax HE20 RU26 SP
6415 MHz (CH93)

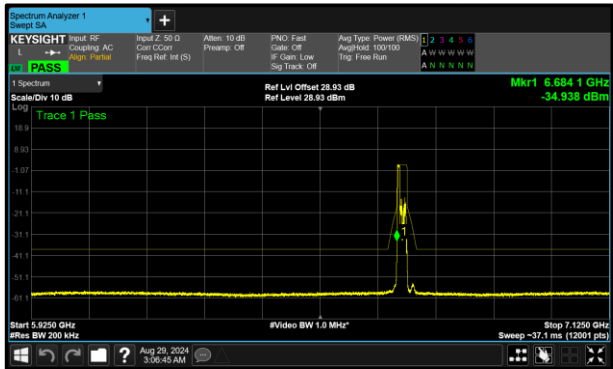


Figure 310 - A (Core 0) 802.11ax HE20 RU52 SP
6695 MHz (CH149)



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)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	15.99	-	-	-
6175	14.97	-	-	-
6415	10.55	-	-	-
6435	9.00	-	-	-
6475	7.66	-	-	-
6515	9.05	-	-	-
6535	12.13	-	-	-
6695	13.10	-	-	-
6855	13.42	-	-	-

Table 275 - 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)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	14.61	-	-	-
6175	13.09	-	-	-
6415	8.60	-	-	-
6435	8.66	-	-	-
6475	8.02	-	-	-
6515	8.37	-	-	-
6535	9.36	-	-	-
6695	9.16	-	-	-
6855	10.43	-	-	-

Table 276 - 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)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5965	9.53	-	-	-
6165	8.26	-	-	-
6405	6.13	-	-	-
6445	6.62	-	-	-
6485	5.44	-	-	-
6525	6.39	-	-	-
6565	6.36	-	-	-
6685	6.53	-	-	-
6845	7.07	-	-	-

Table 277 - 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)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5985	9.17	-	-	-
6145	6.97	-	-	-
6385	6.02	-	-	-
6465	5.72	-	-	-
6545	4.99	-	-	-
6625	4.45	-	-	-
6705	7.10	-	-	-
6785	5.01	-	-	-

Table 278 - 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)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6025	8.13	-	-	-
6185	4.85	-	-	-
6345	4.70	-	-	-
6505	5.52	-	-	-
6665	4.94	-	-	-

Table 279 - 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)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU26.0)	19.50	-	-	-
6175 (RU26.0)	19.29	-	-	-
6415 (RU26.8)	17.65	-	-	-
6435 (RU26.0)	20.81	-	-	-
6475 (RU26.0)	20.63	-	-	-
6515 (RU26.8)	18.65	-	-	-
6535 (RU26.0)	19.47	-	-	-
6695 (RU26.0)	19.56	-	-	-
6855 (RU26.8)	18.58	-	-	-

Table 280 - 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)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU52.37)	19.28	-	-	-
6175 (RU52.37)	18.79	-	-	-
6415 (RU52.40)	19.00	-	-	-
6435 (RU52.37)	19.33	-	-	-
6475 (RU52.37)	18.79	-	-	-
6515 (RU52.40)	19.73	-	-	-
6535 (RU52.37)	18.97	-	-	-
6695 (RU52.37)	18.44	-	-	-
6855 (RU52.40)	19.21	-	-	-

Table 281 - 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)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU106.53)	18.81	-	-	-
6175 (RU106.53)	18.44	-	-	-
6415 (RU106.54)	18.95	-	-	-
6435 (RU106.53)	14.60	-	-	-
6475 (RU106.53)	14.43	-	-	-
6515 (RU106.54)	15.84	-	-	-
6535 (RU106.53)	18.51	-	-	-
6695 (RU106.53)	19.12	-	-	-
6855 (RU106.54)	18.95	-	-	-

Table 282 - Unwanted Emissions Within the Band Results



Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11a VLP	10.13	6178.500
802.11ax HE20 SU VLP	15.36	5941.000
802.11ax HE40 SU VLP	9.77	6198.724
802.11ax HE80 SU VLP	8.88	6076.500
802.11ax HE160 SU VLP	6.62	6412.000

Table 283 - Unwanted Emissions Within the RLAN Band Summary Results

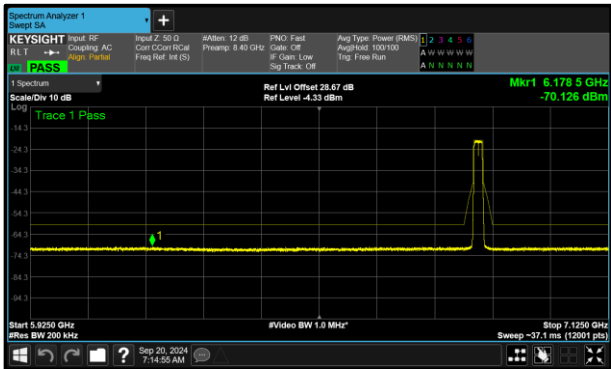


Figure 311 - A (Core 0) 802.11a VLP 6855 MHz (CH181)

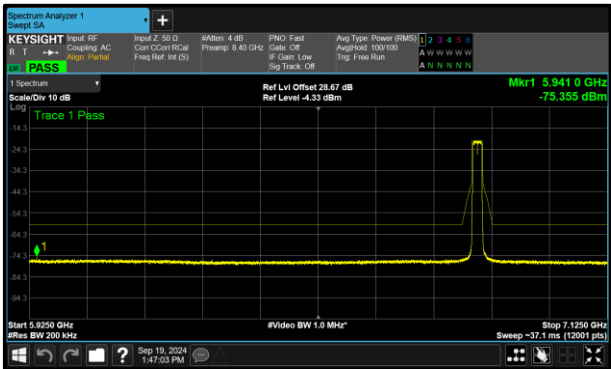


Figure 312 - A (Core 0) 802.11ax HE20 SU VLP 6855 MHz (CH181)

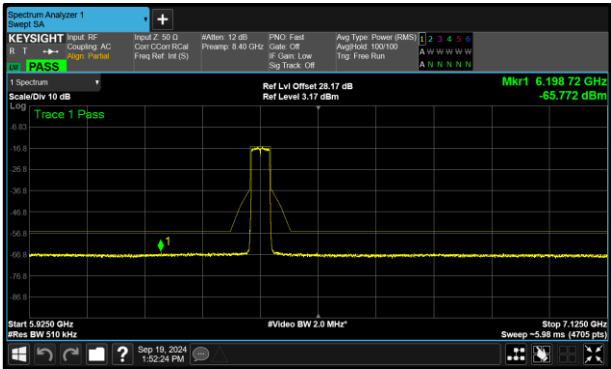


Figure 313 - A (Core 0) 802.11ax HE40 SU VLP
6405 MHz (CH91)

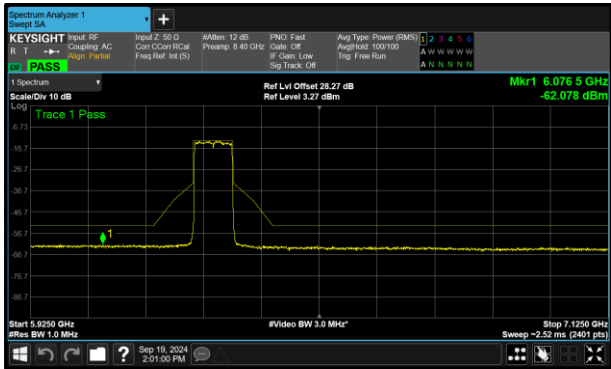


Figure 314 - A (Core 0) 802.11ax HE80 SU VLP
6305 MHz (CH71)

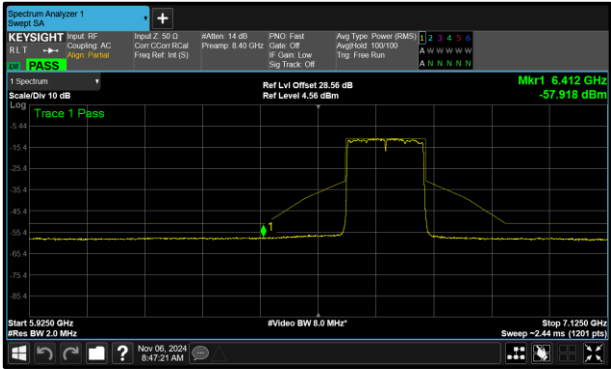


Figure 315 - A (Core 0) 802.11ax HE160 SU VLP
6665 MHz (CH143)



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	10.89	-	-	-
6275	10.40	-	-	-
6415	10.53	-	-	-
6535	10.34	-	-	-
6695	10.75	-	-	-
6855	10.13	-	-	-

Table 284 - 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	16.14	-	-	-
6275	15.82	-	-	-
6415	16.39	-	-	-
6535	15.95	-	-	-
6695	15.78	-	-	-
6855	15.36	-	-	-

Table 285 - 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	10.65	-	-	-
6285	11.53	-	-	-
6405	9.77	-	-	-
6565	10.80	-	-	-
6685	11.02	-	-	-
6845	10.58	-	-	-

Table 286 - 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	9.39	-	-	-
6305	8.88	-	-	-
6385	9.68	-	-	-
6625	10.31	-	-	-
6705	9.72	-	-	-
6785	10.44	-	-	-

Table 287 - Unwanted Emissions Within the Band Results



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

DUT Configuration			
Mode:	802.11ax HE160 SU VLP	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	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	8.30	-	-	-
6345	7.69	-	-	-
6665	6.62	-	-	-

Table 288 - Unwanted Emissions Within the Band Results



MIMO CDD

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU LPI	5.93	6712.400
802.11ax HE40 SU LPI	3.52	6151.786
802.11ax HE80 SU LPI	3.51	6986.500
802.11ax HE160 SU LPI	7.62	6193.000

Table 289 - Unwanted Emissions Within the RLAN Band Summary Results

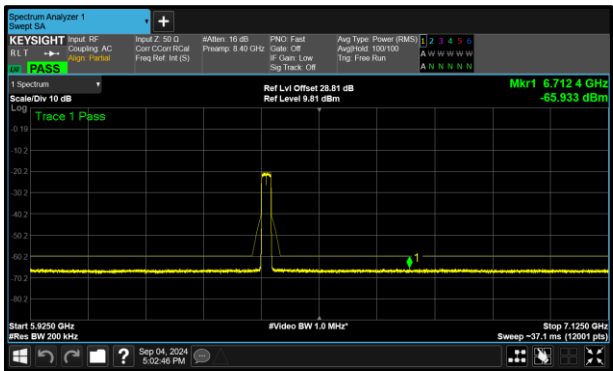


Figure 316 - A (Core 0) 802.11ax HE20 SU LPI
6415 MHz (CH93)

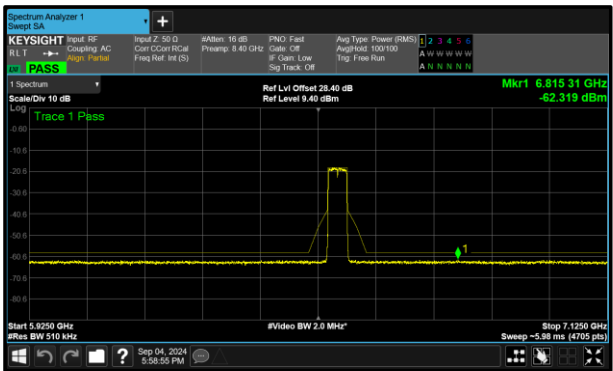


Figure 317 - B (Core 1) 802.11ax HE40 SU LPI
6565 MHz (CH123)

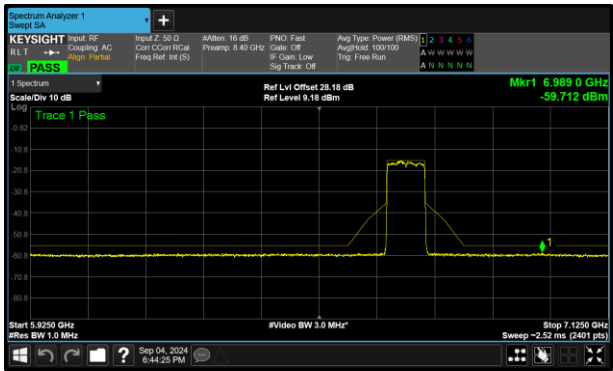


Figure 318 - B (Core 1) 802.11ax HE80 SU LPI
6705 MHz (CH151)

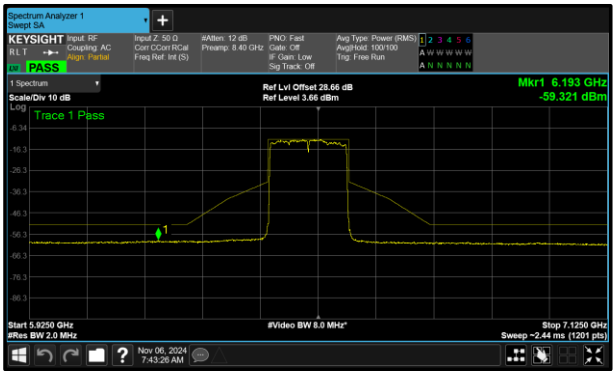


Figure 319 - A (Core 0) 802.11ax HE160 SU LPI
6505 MHz (CH111)



Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 LPI	15.83	5926.400
802.11ax HE20 RU52 LPI	16.06	5944.100

Table 290 - Unwanted Emissions Within the RLAN Band Summary Results

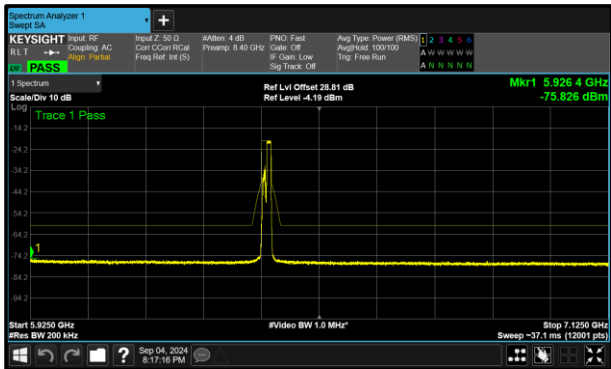


Figure 320 - A (Core 0) 802.11ax HE20 RU106 LPI 6415 MHz (CH93)

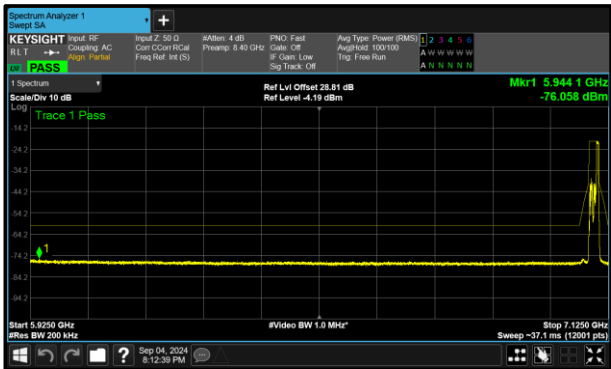


Figure 321 - A (Core 0) 802.11ax HE20 RU52 LPI 7095 MHz (CH229)



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	6.95	7.17	-	-
6175	6.88	7.16	-	-
6415	5.93	6.31	-	-
6435	6.00	6.31	-	-
6475	6.28	6.31	-	-
6515	6.31	6.43	-	-
6535	6.24	6.04	-	-
6695	6.07	6.72	-	-
6855	6.06	6.23	-	-
6875	6.03	6.32	-	-
6895	6.09	6.37	-	-
6995	15.72	15.57	-	-
7095	5.97	6.33	-	-

Table 291 - 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	11.08	11.25	-	-
6165	4.42	4.80	-	-
6405	4.76	4.80	-	-
6445	4.80	4.60	-	-
6485	5.54	4.86	-	-
6525	3.61	3.86	-	-
6565	3.86	3.52	-	-
6685	3.54	3.52	-	-
6485	9.42	10.63	-	-
6885	10.47	11.60	-	-
6925	10.49	10.79	-	-
7005	10.84	11.27	-	-
7085	10.60	11.86	-	-

Table 292 - 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	9.10	6.87	-	-
6145	3.99	4.28	-	-
6385	4.09	4.20	-	-
6465	4.76	4.63	-	-
6545	3.76	3.64	-	-
6625	9.22	9.25	-	-
6705	3.88	3.51	-	-
6785	8.94	9.63	-	-
6865	10.03	9.15	-	-
6945	9.16	8.23	-	-
7025	5.64	5.33	-	-

Table 293 - 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	7.90	8.56	-	-
6185	8.82	8.69	-	-
6345	7.93	8.64	-	-
6505	7.62	9.26	-	-
6665	7.91	8.96	-	-
6825	8.07	8.85	-	-
6985	8.17	8.58	-	-

Table 294 - 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)	17.51	18.02	-	-
6175 (RU52.37)	17.56	17.99	-	-
6415 (RU52.40)	16.76	17.31	-	-
6435 (RU52.37)	16.60	17.35	-	-
6475 (RU52.37)	16.97	17.44	-	-
6515 (RU52.40)	17.18	17.33	-	-
6535 (RU52.37)	16.86	17.19	-	-
6695 (RU52.37)	17.12	17.47	-	-
6855 (RU52.40)	16.85	17.25	-	-
6875 (RU52.38)	16.90	17.15	-	-
6875 (RU52.39)	16.30	16.45	-	-
6895 (RU52.37)	16.27	16.15	-	-
6995 (RU52.37)	16.07	16.67	-	-
7095 (RU52.40)	16.06	16.66	-	-

Table 295 - 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)	16.95	17.25	-	-
6175 (RU106.53)	16.93	17.56	-	-
6415 (RU106.54)	15.83	16.85	-	-
6435 (RU106.53)	16.60	16.94	-	-
6475 (RU106.53)	16.22	16.68	-	-
6515 (RU106.54)	16.35	16.89	-	-
6535 (RU106.53)	16.58	16.86	-	-
6695 (RU106.53)	16.61	16.97	-	-
6855 (RU106.54)	15.88	16.49	-	-
6875 (RU106.53)	16.27	16.19	-	-
6875 (RU106.54)	16.44	16.73	-	-
6895 (RU106.53)	16.20	16.48	-	-
6995 (RU106.53)	16.09	16.47	-	-
7095 (RU106.54)	15.91	16.56	-	-

Table 296 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU SP	13.44	6112.900
802.11ax HE40 SU SP	10.55	6382.653
802.11ax HE80 SU SP	5.11	6555.000
802.11ax HE160 SU SP	4.47	6412.000

Table 297 - Unwanted Emissions Within the RLAN Band Summary Results

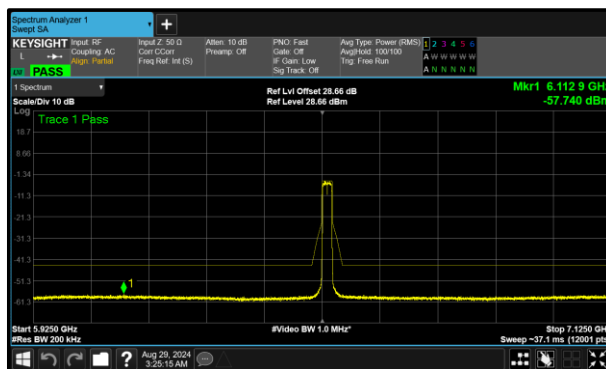


Figure 322 - B (Core 1) 802.11ax HE20 SU SP
6535 MHz (CH117)

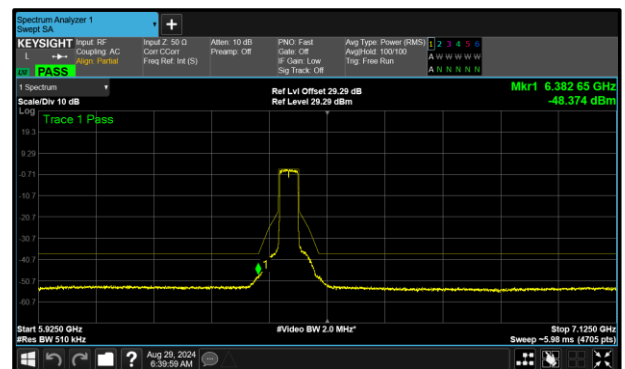


Figure 323 - A (Core 0) 802.11ax HE40 SU SP
6445 MHz (CH99)

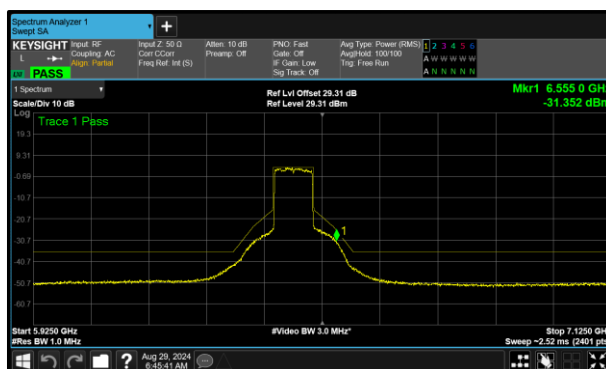


Figure 324 - A (Core 0) 802.11ax HE80 SU SP
6465 MHz (CH103)

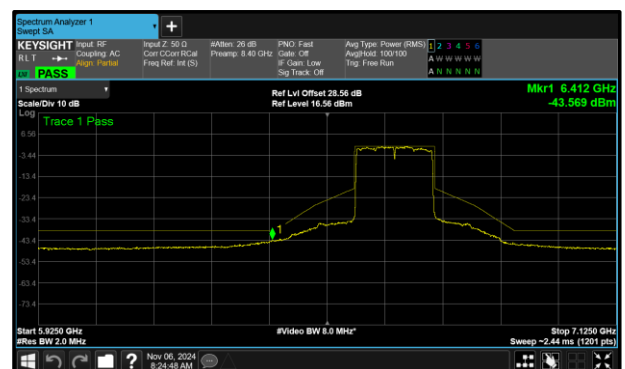


Figure 325 - A (Core 0) 802.11ax HE160 SU SP
6665 MHz (CH143)



Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 SP	13.87	5984.400
802.11ax HE20 RU26 SP	13.43	7096.800
802.11ax HE20 RU52 SP	13.50	6026.800

Table 298 - Unwanted Emissions Within the RLAN Band Summary Results

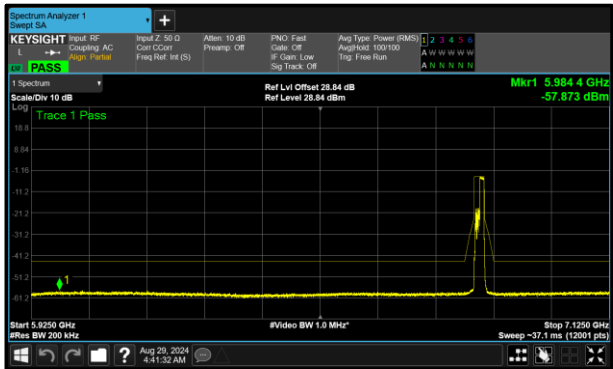


Figure 326 - B (Core 1) 802.11ax HE20 RU106 SP
6855 MHz (CH181)

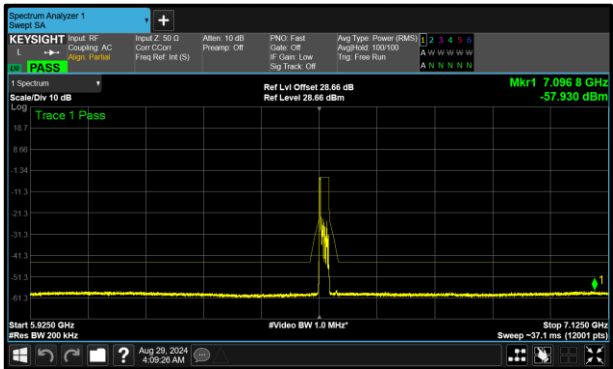


Figure 327 - B (Core 1) 802.11ax HE20 RU26 SP
6535 MHz (CH117)

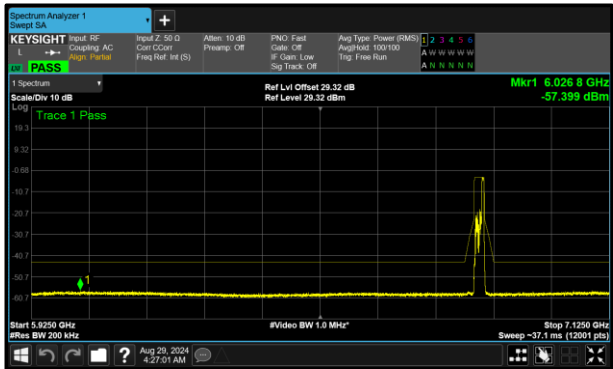


Figure 328 - A (Core 0) 802.11ax HE20 RU52 SP
6855 MHz (CH181)



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	14.27	13.97	-	-
6175	14.36	14.32	-	-
6415	15.60	15.38	-	-
6435	15.49	15.44	-	-
6475	15.26	15.42	-	-
6515	14.85	15.08	-	-
6535	13.73	13.44	-	-
6695	13.68	14.23	-	-
6855	13.55	13.63	-	-

Table 299 - 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	13.69	14.04	-	-
6165	13.22	13.55	-	-
6405	11.60	12.79	-	-
6445	10.55	11.72	-	-
6485	11.13	11.53	-	-
6525	13.39	13.37	-	-
6565	13.47	13.44	-	-
6685	13.51	13.39	-	-
6845	12.30	12.19	-	-

Table 300 - 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	11.77	12.10	-	-
6145	9.39	10.42	-	-
6385	7.56	8.52	-	-
6465	5.11	5.15	-	-
6545	7.26	9.07	-	-
6625	7.41	7.74	-	-
6705	7.36	8.83	-	-
6785	7.56	8.73	-	-

Table 301 - 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	6.58	8.07	-	-
6185	4.91	4.83	-	-
6345	4.78	5.79	-	-
6505	5.08	6.57	-	-
6665	4.47	6.85	-	-

Table 302 - 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)	14.16	14.76	-	-
6175 (RU26.0)	15.16	14.99	-	-
6415 (RU26.8)	15.27	15.19	-	-
6435 (RU26.0)	15.96	15.94	-	-
6475 (RU26.0)	15.77	16.11	-	-
6515 (RU26.8)	15.57	15.28	-	-
6535 (RU26.0)	13.66	13.43	-	-
6695 (RU26.0)	13.80	14.50	-	-
6855 (RU26.8)	13.68	13.47	-	-

Table 303 - 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)	14.85	15.21	-	-
6175 (RU52.37)	14.97	15.18	-	-
6415 (RU52.40)	15.58	15.28	-	-
6435 (RU52.37)	15.66	16.21	-	-
6475 (RU52.37)	15.77	16.36	-	-
6515 (RU52.40)	15.31	15.97	-	-
6535 (RU52.37)	14.23	14.06	-	-
6695 (RU52.37)	13.98	14.21	-	-
6855 (RU52.40)	13.50	13.76	-	-

Table 304 - 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

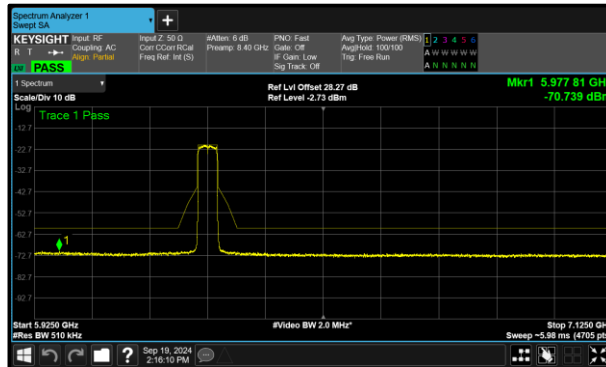
DUT Configuration			
Mode:	802.11ax HE20 RU106 SP	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU106.53)	14.60	14.81	-	-
6175 (RU106.53)	15.11	14.90	-	-
6415 (RU106.54)	15.51	15.61	-	-
6435 (RU106.53)	15.90	16.00	-	-
6475 (RU106.53)	15.66	15.92	-	-
6515 (RU106.54)	16.10	16.20	-	-
6535 (RU106.53)	14.44	14.33	-	-
6695 (RU106.53)	14.36	14.49	-	-
6855 (RU106.54)	14.03	13.87	-	-

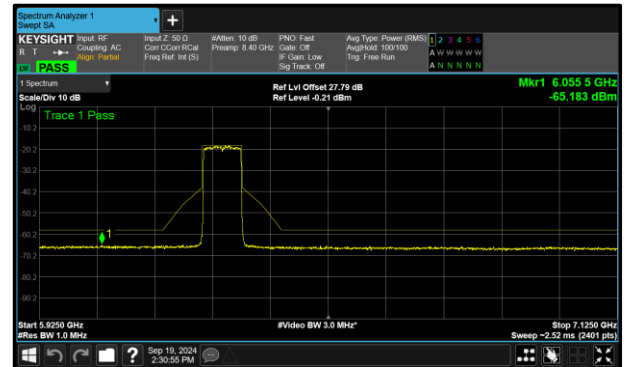
Table 305 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE40 SU VLP	10.74	5977.806
802.11ax HE80 SU VLP	6.78	6055.500
802.11ax HE160 SU VLP	6.59	5950.000

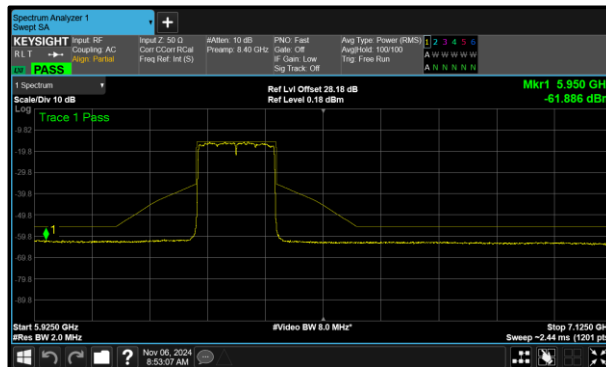
Table 306 - Unwanted Emissions Within the RLAN Band Summary Results



**Figure 329 - A (Core 0) 802.11ax HE40 SU VLP
6285 MHz (CH67)**



**Figure 330 - B (Core 1) 802.11ax HE80 SU VLP
6305 MHz (CH71)**



**Figure 331 - B (Core 1) 802.11ax HE160 SU VLP
6345 MHz (CH79)**



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

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6285	10.74	11.37	-	-
6325	11.01	11.44	-	-
6405	11.10	11.24	-	-

Table 307 - Unwanted Emissions Within the Band Results

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

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6145	8.68	8.22	-	-
6305	9.27	6.78	-	-
6385	9.78	9.24	-	-
6625	10.29	8.71	-	-
6705	9.84	9.43	-	-
6785	8.75	7.96	-	-

Table 308 - Unwanted Emissions Within the Band Results



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

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6185	7.50	7.53	-	-
6345	7.50	6.59	-	-
6665	7.09	7.40	-	-

Table 309 - Unwanted Emissions Within the Band Results



MIMO SDM

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU LPI	6.91	6781.500
802.11ax HE40 SU LPI	5.79	6587.240
802.11ax HE80 SU LPI	6.56	6668.000
802.11ax HE160 SU LPI	7.09	6334.000

Table 310 - Unwanted Emissions Within the RLAN Band Summary Results

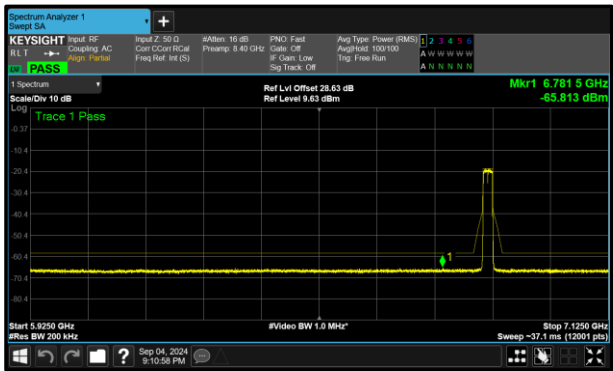


Figure 332 - A (Core 0) 802.11ax HE20 SU LPI
6875 MHz (CH185)

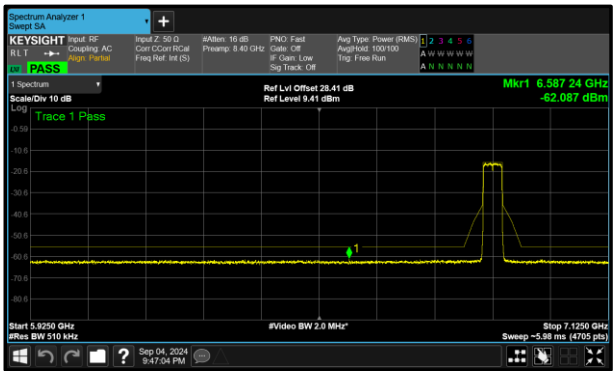


Figure 333 - B (Core 1) 802.11ax HE40 SU LPI
6885 MHz (CH187)

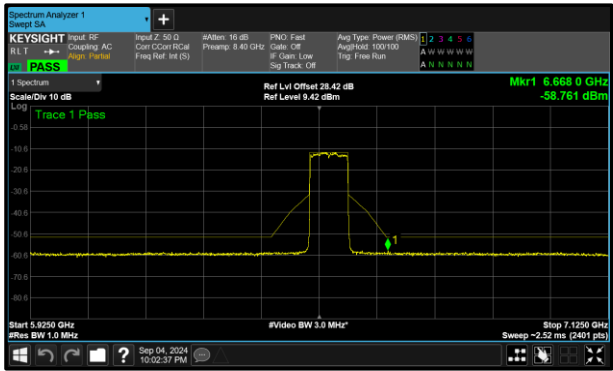


Figure 334 - B (Core 1) 802.11ax HE80 SU LPI
6545 MHz (CH119)

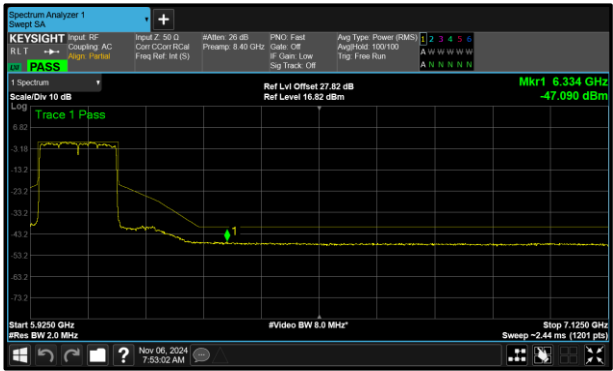


Figure 335 - A (Core 0) 802.11ax HE160 SU LPI
6025 MHz (CH15)



Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 LPI	6.49	5962.700
802.11ax HE20 RU26 LPI	16.60	6398.000
802.11ax HE20 RU52 LPI	16.93	5941.000

Table 311 - Unwanted Emissions Within the RLAN Band Summary Results

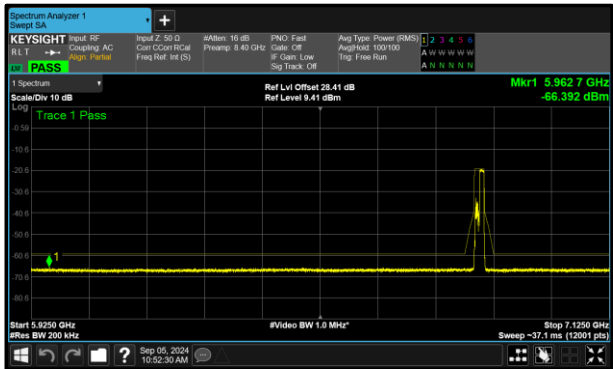


Figure 336 - B (Core 1) 802.11ax HE20 RU106 LPI
6855 MHz (CH181)

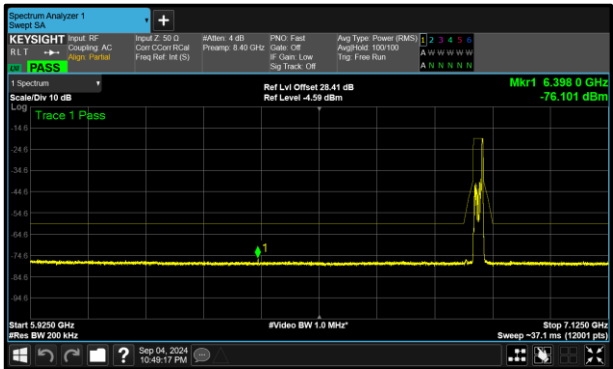


Figure 337 - B (Core 1) 802.11ax HE20 RU26 LPI
6855 MHz (CH181)

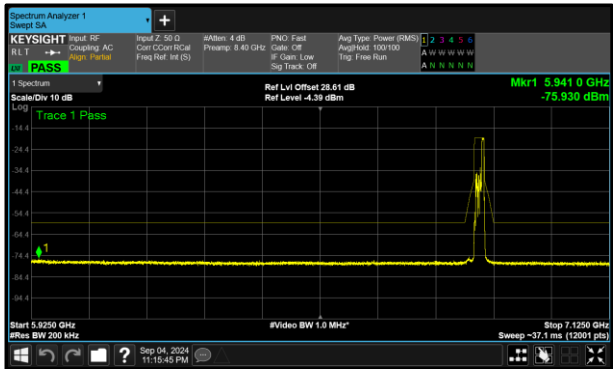


Figure 338 - A (Core 0) 802.11ax HE20 RU52 LPI
6855 MHz (CH181)



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:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	7.66	8.68	-	-
6175	8.68	9.42	-	-
6415	16.10	16.91	-	-
6435	8.86	9.02	-	-
6475	9.14	9.01	-	-
6515	9.14	9.10	-	-
6535	7.47	6.93	-	-
6695	7.71	7.10	-	-
6855	7.31	7.04	-	-
6875	6.91	6.93	-	-
6895	8.59	8.16	-	-
6995	8.49	8.06	-	-
7095	8.80	7.86	-	-

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 HE40 SU LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5965	6.55	7.12	-	-
6165	7.33	8.02	-	-
6405	7.55	7.95	-	-
6445	7.97	8.35	-	-
6485	8.56	8.37	-	-
6525	7.28	7.00	-	-
6565	10.09	10.42	-	-
6685	6.18	6.14	-	-
6845	10.08	11.90	-	-
6885	6.59	5.79	-	-
6925	11.38	11.11	-	-
7005	8.03	8.18	-	-
7085	8.05	8.01	-	-

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 HE80 SU LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5985	7.03	7.02	-	-
6145	7.48	8.02	-	-
6385	7.55	8.26	-	-
6465	8.38	8.54	-	-
6545	7.17	6.56	-	-
6625	8.31	6.92	-	-
6705	7.29	7.20	-	-
6785	6.97	8.78	-	-
6865	7.30	6.96	-	-
6945	8.02	7.50	-	-
7025	7.99	7.76	-	-

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 HE160 SU LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6025	7.09	7.90	-	-
6185	8.94	9.33	-	-
6345	7.75	7.73	-	-
6505	8.21	9.12	-	-
6665	8.68	8.69	-	-
6825	8.08	8.35	-	-
6985	7.76	8.50	-	-

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 RU26 LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU26.0)	17.93	18.75	-	-
6175 (RU26.0)	18.54	18.34	-	-
6415 (RU26.8)	18.41	19.28	-	-
6435 (RU26.0)	19.61	18.99	-	-
6475 (RU26.0)	19.03	19.76	-	-
6515 (RU26.8)	19.53	19.29	-	-
6535 (RU26.0)	17.78	17.65	-	-
6695 (RU26.0)	17.41	16.92	-	-
6855 (RU26.8)	17.28	16.60	-	-
6875 (RU26.3)	17.61	17.19	-	-
6875 (RU26.5)	17.56	16.87	-	-
6895 (RU26.0)	18.41	18.09	-	-
6995 (RU26.0)	18.92	18.10	-	-
7095 (RU26.8)	19.37	17.28	-	-

Table 316 - 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:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU52.37)	17.83	19.15	-	-
6175 (RU52.37)	18.58	18.98	-	-
6415 (RU52.40)	18.62	17.87	-	-
6435 (RU52.37)	18.05	18.44	-	-
6475 (RU52.37)	17.91	18.92	-	-
6515 (RU52.40)	17.96	18.31	-	-
6535 (RU52.37)	17.52	17.59	-	-
6695 (RU52.37)	17.85	17.28	-	-
6855 (RU52.40)	16.93	17.29	-	-
6875 (RU52.38)	17.66	17.04	-	-
6875 (RU52.39)	17.82	17.04	-	-
6895 (RU52.37)	18.57	18.71	-	-
6995 (RU52.37)	18.30	18.16	-	-
7095 (RU52.40)	18.19	17.96	-	-

Table 317 - 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:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU106.53)	8.14	8.65	-	-
6175 (RU106.53)	8.60	9.01	-	-
6415 (RU106.54)	8.53	8.82	-	-
6435 (RU106.53)	9.25	9.50	-	-
6475 (RU106.53)	9.74	9.64	-	-
6515 (RU106.54)	9.67	9.48	-	-
6535 (RU106.53)	7.92	7.37	-	-
6695 (RU106.53)	7.60	6.82	-	-
6855 (RU106.54)	7.97	6.49	-	-
6875 (RU106.53)	7.55	6.76	-	-
6875 (RU106.54)	7.35	6.79	-	-
6895 (RU106.53)	9.07	7.83	-	-
6995 (RU106.53)	8.99	8.04	-	-
7095 (RU106.54)	8.86	8.93	-	-

Table 318 - Unwanted Emissions Within the Band Results



Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU SP	12.09	6443.000
802.11ax HE40 SU SP	5.82	6522.194
802.11ax HE80 SU SP	4.33	6560.000
802.11ax HE160 SU SP	4.10	5931.000

Table 319 - Unwanted Emissions Within the RLAN Band Summary Results

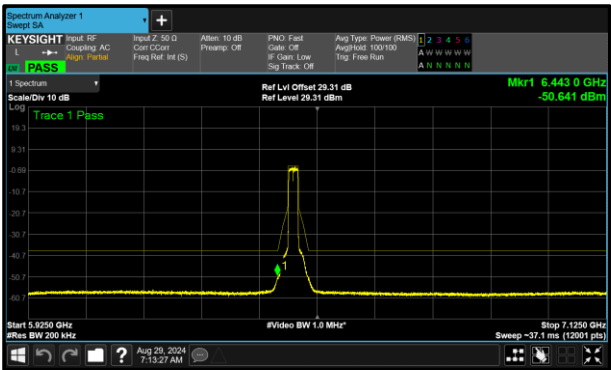


Figure 339 - A (Core 0) 802.11ax HE20 SU SP
6475 MHz (CH105)

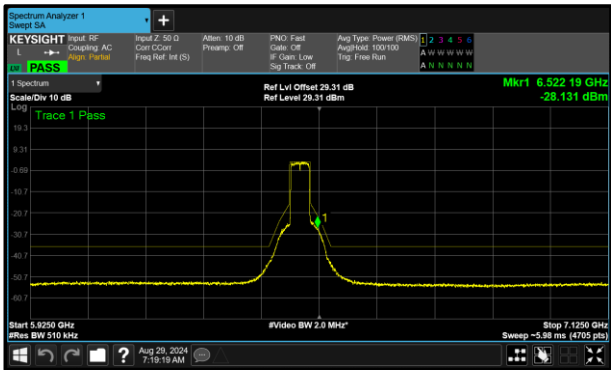


Figure 340 - A (Core 0) 802.11ax HE40 SU SP
6485 MHz (CH107)

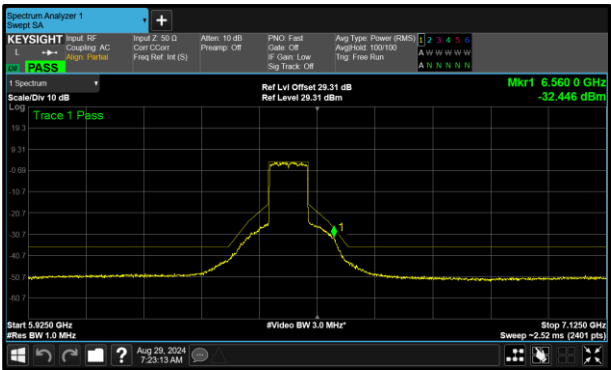


Figure 341 - A (Core 0) 802.11ax HE80 SU SP
6465 MHz (CH103)

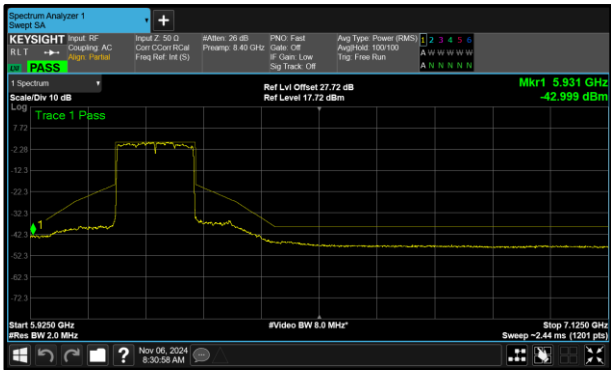


Figure 342 - B (Core 1) 802.11ax HE160 SU SP
6185 MHz (CH47)



Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 SP	16.76	6118.300
802.11ax HE20 RU26 SP	15.95	6425.700
802.11ax HE20 RU52 SP	15.58	6865.800

Table 320 - Unwanted Emissions Within the RLAN Band Summary Results

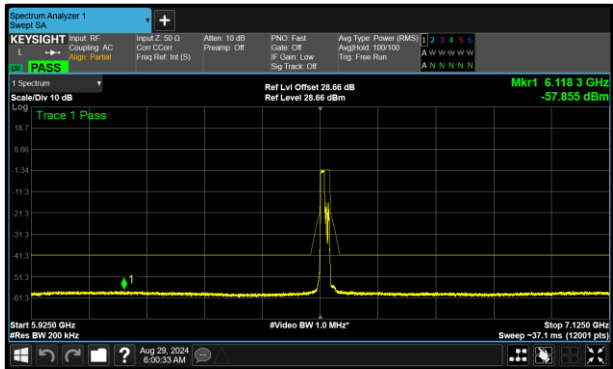


Figure 343 - B (Core 1) 802.11ax HE20 RU106 SP
6535 MHz (CH117)

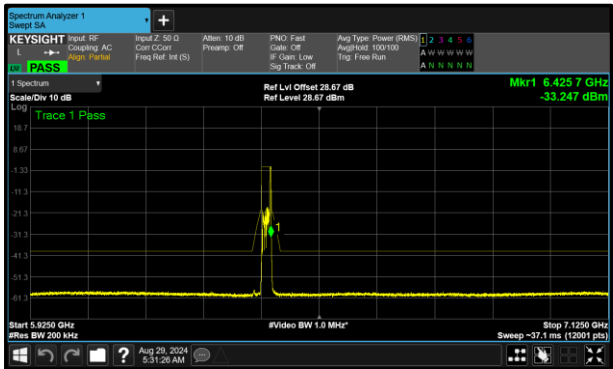


Figure 344 - B (Core 1) 802.11ax HE20 RU26 SP
6415 MHz (CH93)

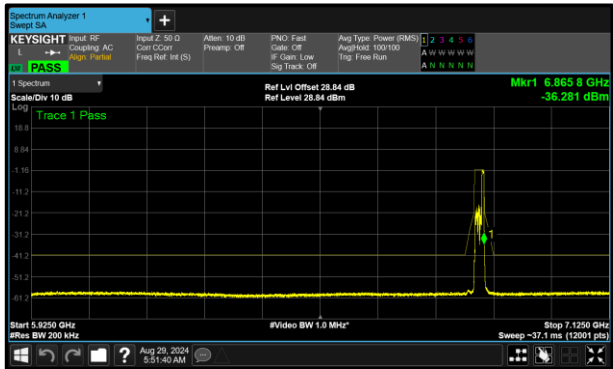


Figure 345 - B (Core 1) 802.11ax HE20 RU52 SP
6855 MHz (CH181)



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:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	16.33	16.65	-	-
6175	16.04	16.29	-	-
6415	14.92	15.96	-	-
6435	12.80	13.82	-	-
6475	12.09	13.13	-	-
6515	13.06	13.29	-	-
6535	15.98	15.86	-	-
6695	15.71	16.07	-	-
6855	15.58	16.10	-	-

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 HE40 SU SP	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5965	11.99	12.38	-	-
6165	8.69	10.77	-	-
6405	6.60	7.45	-	-
6445	6.01	7.34	-	-
6485	5.82	7.43	-	-
6525	8.59	9.80	-	-
6565	8.51	9.78	-	-
6685	8.20	7.71	-	-
6845	8.84	8.50	-	-

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 HE80 SU SP	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5985	10.20	10.90	-	-
6145	7.21	7.70	-	-
6465	4.33	4.48	-	-
6545	6.47	8.34	-	-
6385	5.15	5.61	-	-
6625	6.53	7.46	-	-
6705	6.02	8.12	-	-
6785	6.43	8.06	-	-

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 HE160 SU SP	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6025	8.08	8.45	-	-
6185	4.60	4.10	-	-
6345	5.02	5.75	-	-
6505	5.12	6.02	-	-
6665	4.18	6.72	-	-

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 RU26 SP	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU26.0)	17.97	17.75	-	-
6175 (RU26.0)	18.12	18.16	-	-
6415 (RU26.8)	17.66	15.95	-	-
6435 (RU26.0)	18.34	17.65	-	-
6475 (RU26.0)	19.09	17.55	-	-
6515 (RU26.8)	18.64	17.01	-	-
6535 (RU26.0)	16.72	17.27	-	-
6695 (RU26.0)	16.92	16.90	-	-
6855 (RU26.8)	16.81	16.58	-	-

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 RU52 SP	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU52.37)	17.15	17.72	-	-
6175 (RU52.37)	17.70	17.23	-	-
6415 (RU52.40)	18.09	16.02	-	-
6435 (RU52.37)	18.89	18.54	-	-
6475 (RU52.37)	18.54	18.79	-	-
6515 (RU52.40)	18.64	17.01	-	-
6535 (RU52.37)	16.91	17.39	-	-
6695 (RU52.37)	17.26	17.32	-	-
6855 (RU52.40)	16.98	15.58	-	-

Table 326 - 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:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU106.53)	17.66	17.01	-	-
6175 (RU106.53)	17.30	17.16	-	-
6415 (RU106.54)	18.39	18.40	-	-
6435 (RU106.53)	18.17	18.41	-	-
6475 (RU106.53)	18.06	18.64	-	-
6515 (RU106.54)	18.49	18.37	-	-
6535 (RU106.53)	17.17	16.76	-	-
6695 (RU106.53)	17.28	16.98	-	-
6855 (RU106.54)	17.03	17.13	-	-

Table 327 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU VLP	10.29	6132.800
802.11ax HE40 SU VLP	9.51	6310.459
802.11ax HE80 SU VLP	8.42	6960.000
802.11ax HE160 SU VLP	7.44	6982.000

Table 328 - Unwanted Emissions Within the RLAN Band Summary Results

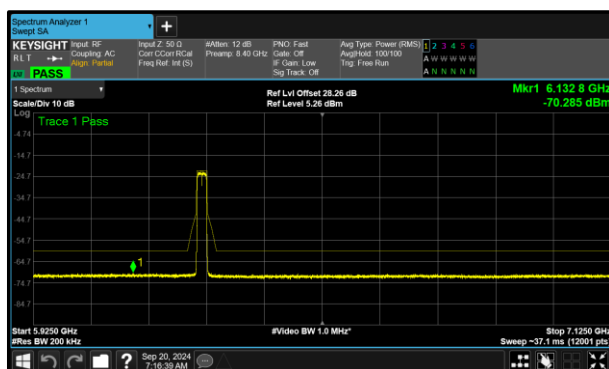


Figure 346 - A (Core 0) 802.11ax HE20 SU VLP 6275 MHz (CH65)

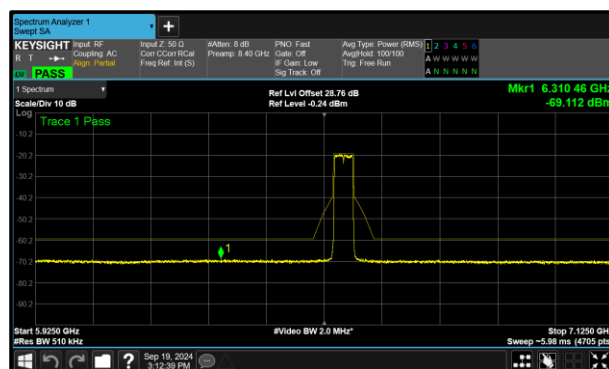


Figure 347 - A (Core 0) 802.11ax HE40 SU VLP 6565 MHz (CH123)

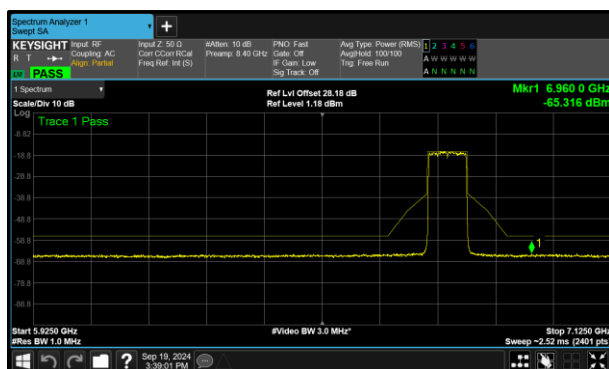


Figure 348 - B (Core 1) 802.11ax HE80 SU VLP 6785 MHz (CH167)

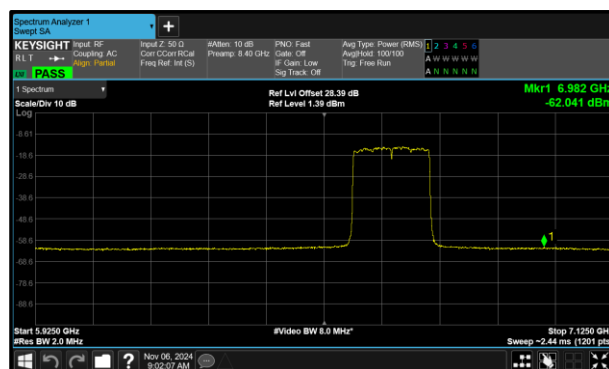


Figure 349 - B (Core 1) 802.11ax HE160 SU VLP 6665 MHz (CH143)



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
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:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6275	10.29	10.79	-	-
6335	16.71	16.99	-	-
6415	16.72	17.06	-	-

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 HE40 SU VLP	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6125	10.18	10.74	-	-
6285	11.50	11.29	-	-
6405	9.89	11.19	-	-
6565	9.51	10.26	-	-
6685	10.10	10.18	-	-
6845	11.22	11.69	-	-

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 HE80 SU VLP	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6145	8.71	10.78	-	-
6305	8.94	9.46	-	-
6385	9.25	9.81	-	-
6625	9.98	9.12	-	-
6705	10.05	10.32	-	-
6785	9.51	8.42	-	-

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 HE160 SU VLP	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6185	7.96	8.28	-	-
6345	7.92	8.14	-	-
6665	7.49	7.44	-	-

Table 332 - Unwanted Emissions Within the Band Results



TxBF

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE40 SU LPI	8.38	6300.510
802.11ax HE80 SU LPI	6.86	6349.000

Table 333 - Unwanted Emissions Within the RLAN Band Summary Results LPI

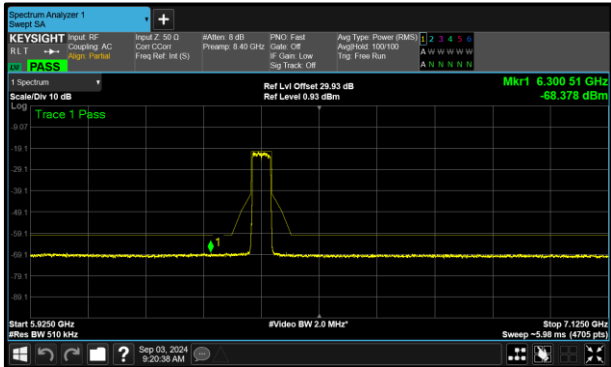


Figure 350 - A (Core 0) 802.11ax HE40 SU LPI
6405 MHz (CH91)

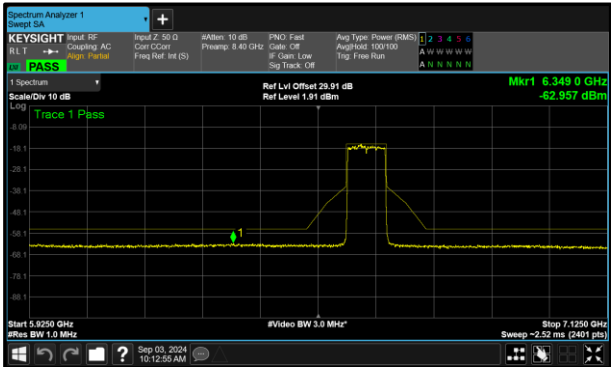


Figure 351 - A (Core 0) 802.11ax HE80 SU LPI
6625 MHz (CH135)



Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU SP	11.00	5992.900
802.11ax HE40 SU SP	10.06	7080.102
802.11ax HE80 SU SP	7.75	7071.000

Table 334 - Unwanted Emissions Within the RLAN Band Summary Results SP

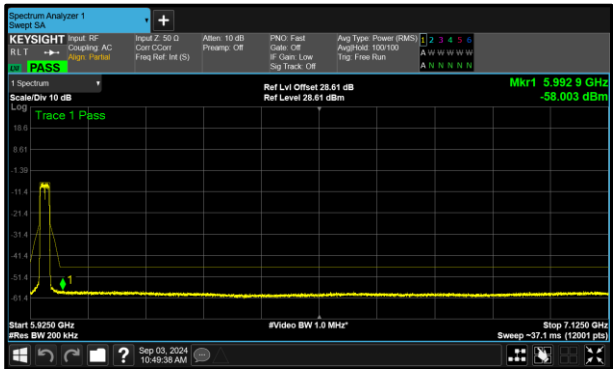


Figure 352 - B (Core 1) 802.11ax HE20 SU SP
5955 MHz (CH1)

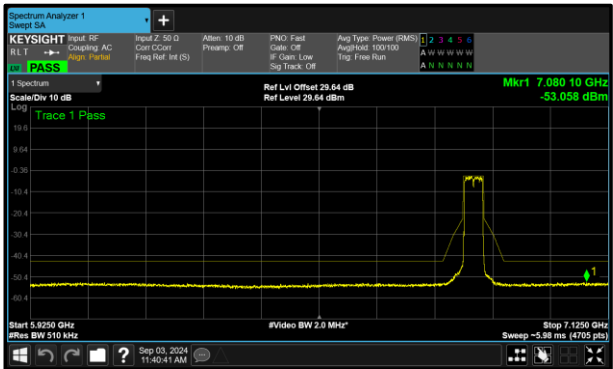


Figure 353 - B (Core 1) 802.11ax HE40 SU SP
6845 MHz (CH179)

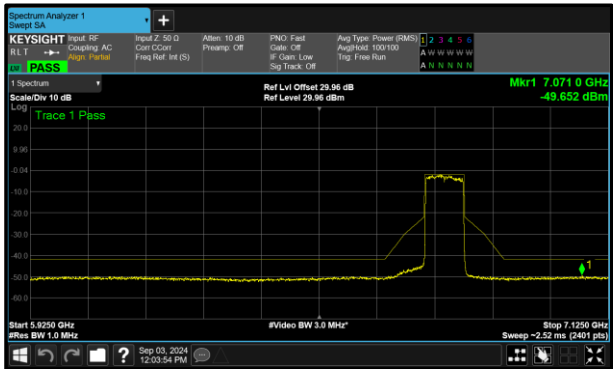


Figure 354 - A (Core 0) 802.11ax HE80 SU SP
6785 MHz (CH167)



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 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:	TxBF	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6285	9.72	10.54	-	-
6365	9.98	10.46	-	-
6405	8.38	9.98	-	-
6445	9.47	10.10	-	-
6485	9.56	9.82	-	-
6925	10.44	9.37	-	-
7005	9.86	8.86	-	-
7085	10.00	9.77	-	-

Table 335 - 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:	TxBF	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5985	9.04	7.92	-	-
6145	9.11	7.16	-	-
6385	10.00	8.50	-	-
6465	9.47	8.18	-	-
6545	9.03	9.82	-	-
6625	6.86	7.78	-	-
6705	8.74	9.01	-	-
6785	8.81	9.22	-	-
6865	9.06	9.35	-	-
6945	10.19	9.56	-	-
7025	10.24	10.21	-	-

Table 336 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6425-6525 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:	TxBF	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	11.87	11.00	-	-
6175	12.01	12.84	-	-
6415	12.34	12.98	-	-
6435	13.55	13.30	-	-
6475	13.93	14.27	-	-
6515	14.07	14.36	-	-
6535	12.12	12.94	-	-
6695	12.57	11.86	-	-
6855	11.99	11.92	-	-

Table 337 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6425-6525 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:	TxBF	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5965	12.91	13.03	-	-
6165	11.92	13.19	-	-
6405	11.86	12.07	-	-
6445	11.74	11.67	-	-
6485	11.26	12.32	-	-
6525	10.63	10.42	-	-
6565	10.26	10.88	-	-
6685	10.53	10.62	-	-
6845	10.18	10.06	-	-

Table 338 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6425-6525 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:	TxBF	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5985	8.15	8.55	-	-
6145	8.16	8.79	-	-
6385	9.50	9.24	-	-
6465	8.74	8.83	-	-
6545	8.28	8.23	-	-
6625	9.25	9.49	-	-
6705	9.19	9.93	-	-
6785	7.75	8.07	-	-

Table 339 - Unwanted Emissions Within the Band Results

FCC 47 CFR Part 15, Limit Clause 15.407(b)(6)

For transmitters operating within the 5.925-7.125 GHz bands:

Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel centre, and by 40 dB at one- and one-half times the channel bandwidth away from channel centre. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the centre of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel centre by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.



2.8.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 18 and RF Laboratory 14.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Hygrometer	Rotronic	I-1000	3068	12	07-Nov-2024
1800-6000 MHz Power Splitter	Mini-Circuits	ZN2PD-63-S+	4055	-	O/P Mon
AC Programmable Power Supply	iTech	IT7324	5225	-	O/P Mon
Attenuator 5W 30dB DC-18GHz	Aaren	AT40A-4041-D18-30	5505	12	22-Feb-2025
MXA Signal Analyser	Keysight Technologies	N9020B	5529	24	13-Dec-2024
2-Way Power Divider (2-8 GHz)	Aaren	AT30A-TE0208-2-AF	5685	12	02-Jan-2025
AC Programmable Power Supply	iTech	IT7324	5907	-	O/P Mon
MXA Signal Analyser	Keysight Technologies	N9020B	5919	24	18-Mar-2026
Digital Multimeter	Fluke	115	6145	12	06-Jun-2025
Cable (SMA to SMA 1m)	Junkosha	MWX221/B	6305	12	20-May-2025
Cable (SMA to SMA 3m)	Junkosha	MWX221-03000AMSAMS/A	6317	12	23-May-2025
MXA Signal Analyser	Keysight Technologies	N9020B	6417	24	26-Feb-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6426	12	07-Feb-2025
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	6447	-	O/P Mon
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	6448	-	O/P Mon
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6518	12	16-Feb-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6519	12	08-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6520	12	09-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6521	12	09-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6529	12	16-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6530	12	16-Feb-2025
AC Programmable Power Supply	iTech	IT7324	6662	-	O/P Mon
WiFi 6E Tri-Band Gaming Router	Asus	GT-AXE110000	6694	-	TU
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6752	12	06-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6753	12	06-Feb-2025

Table 340

TU - Traceability Unscheduled

O/P Mon - Output Monitored using calibrated equipment