



Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5350.955	36.92	54.00	-17.08	RMS	352	306	Vertical
5442.653	34.60	54.00	-19.40	RMS	295	113	Horizontal
7250.665	41.94	54.00	-12.06	RMS	76	358	Horizontal
7266.483	42.31	54.00	-11.69	RMS	59	273	Vertical

Table 263 - 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.

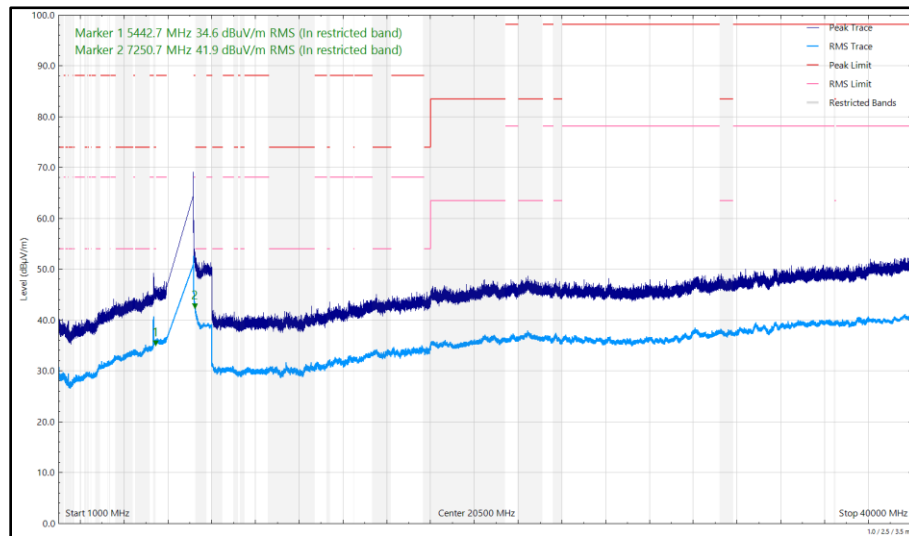


Figure 351 - 7115 MHz (CH233), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

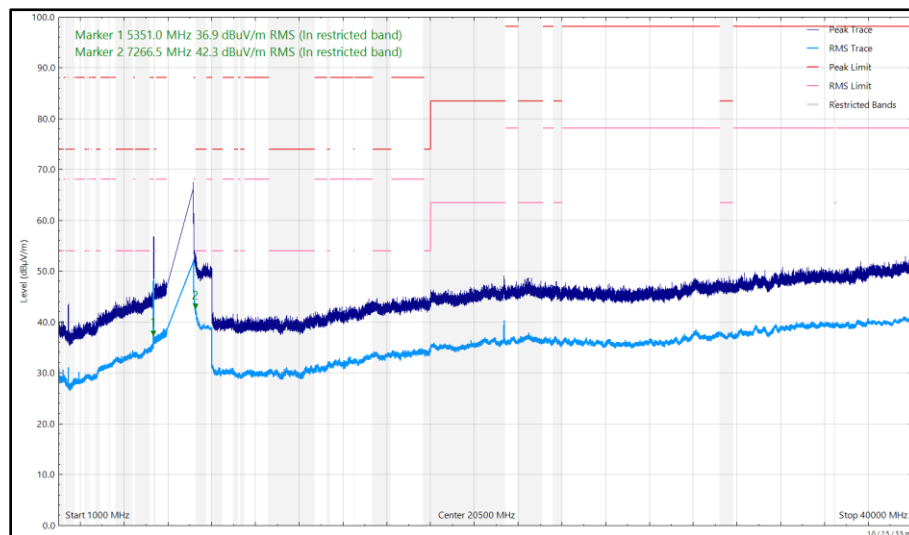


Figure 352 - 7115 MHz (CH233), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



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 264 - Radiated Emissions Limit Table (FCC)

2.7.8 Test Location and Test Equipment Used

This test was carried out in RF Chamber 14, RF Chamber 15 and RF Chamber 17.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Emissions Software	TUV SUD	EmX V3.4.2	5125	-	Software
Cable (K Type 2m)	Junkosha	MWX241-02000KMSKMS/B	5935	12	10-Jun-2025
DRG Horn Antenna (7.5-18GHz)	Schwarzbeck	HWRD750	5940	12	05-May-2025
TRILOG Super Broadband Test Antenna	Schwarzbeck	VULB 9168	5943	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
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	5997	12	14-Sep-2024



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Cable (N to N 8m)	Junkosha	MWX221-08000NMSNMS/A	6006	12	20-May-2025
Cable (N to N 3m)	Junkosha	MWX221-03000NMSNMS/A	6025	12	20-May-2025
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6140	12	05-May-2025
Digital Multimeter	Fluke	115	6146	12	06-Jun-2025
Digital Multimeter	Fluke	115	6147	12	06-Jun-2025
Humidity & Temperature meter	R.S Components	1364	6149	12	12-Aug-2025
SAC Switch Unit	TUV SUD	TUV_SSU_001	6191	12	18-Dec-2024
8GHz Highpass Filter	Wainwright	WHKX 7150 8000 18000 50SS	6195	12	23-Apr-2025
Pre Amp 8 - 18 GHz	Wright Technologies	APS06 0061	6198	12	03-Jun-2025
Attenuator 4dB	Pasternack	PE7074-4	6201	24	24-May-2026
Cable (SMA to SMA 20cm)	TUV SUD	MH-FH 8-18	6214	12	23-Apr-2025
EMI Test Receiver	Rohde & Schwarz	ESW44	6294	12	06-Jan-2025
USB Spectrum Analyser	Signal Hound	SA124B	6296	-	TU
USB Spectrum Analyser	Signal Hound	SA124B	6297	-	TU
USB Spectrum Analyser	Signal Hound	SA124B	6298	-	TU
EMC Test Receiver	Rohde & Schwarz	ESW44	6333	12	16-Feb-2025
Digital Multimeter	Fluke	115	6345	12	24-Jul-2025
Humidity and Temperature Meter	R.S Components	1364	6346	12	06-Mar-2025
AC Power Supply	iTech	IT7324	6657	-	O/P Mon
3m Semi-Anechoic Chamber	Albatross Projects	RF Chamber 17	6658	36	28-Jan-2026
Mast and Turntable Controller	Maturo Gmbh	FCU3.0	6659	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	6660	-	TU
Turntable	Maturo Gmbh	TT1.5SI	6661	-	TU
1m Cable	Junkosha	MWX241-01000AMSAMS/B	6740	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
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	6796	-	TU
EMI Test Receiver	Rohde & Schwarz	ESW44	6805	12	29-May-2025
8M SMA Cable	Junkosha	MWX221-08000AMSAMS/B	6834	12	14-Aug-2025

Table 265

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

A3185, S/N: GRJJT9QH7L - Modification State 0
A3185, S/N: LWNTX4WX76 - Modification State 0
A3185, S/N: GHGG6N440H - Modification State 0

2.8.3 Date of Test

11-September-2024 to 31-October-2024

2.8.4 Test Method

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

2.8.5 Environmental Conditions

Ambient Temperature	20.7 - 22.9 °C
Relative Humidity	49.0 - 59.4 %

2.8.6 Test Results

6 GHz WLAN

SISO

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11a LPI	7.30	7067.900
802.11ax HE20 SU LPI	9.77	6538.100
802.11ax HE40 SU LPI	9.40	6208.163
802.11ax HE80 SU LPI	8.88	6986.000
802.11ax HE160 SU LPI	7.83	6745.000

Table 266 - Unwanted Emissions Within the RLAN Band Summary Results

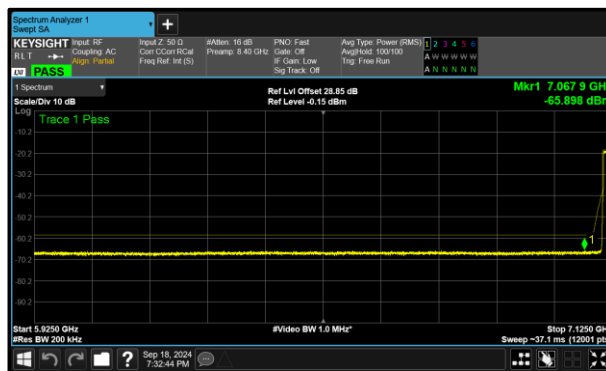


Figure 353 - A (Core 0) 802.11a LPI 7115 MHz (CH233)

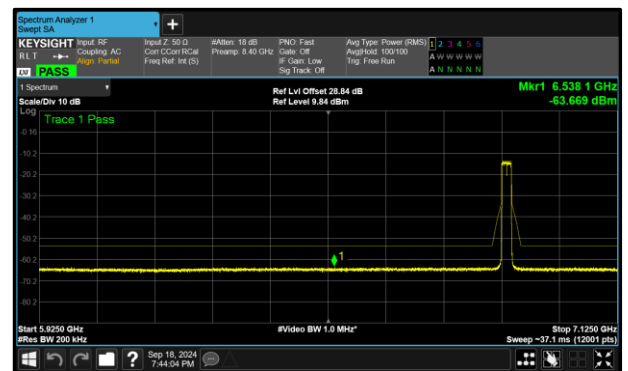


Figure 354 - A (Core 0) 802.11ax HE20 SU LPI 6895 MHz (CH189)

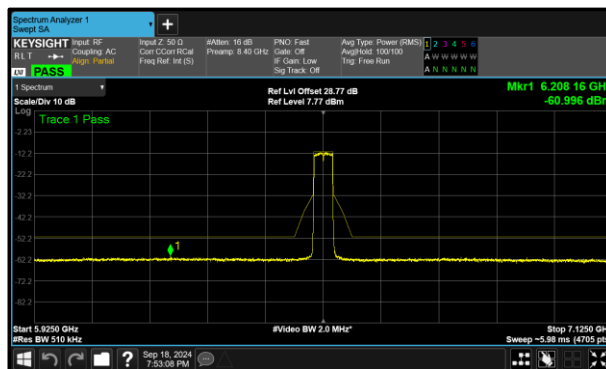


Figure 355 - A (Core 0) 802.11ax HE40 SU LPI 6525 MHz (CH115)

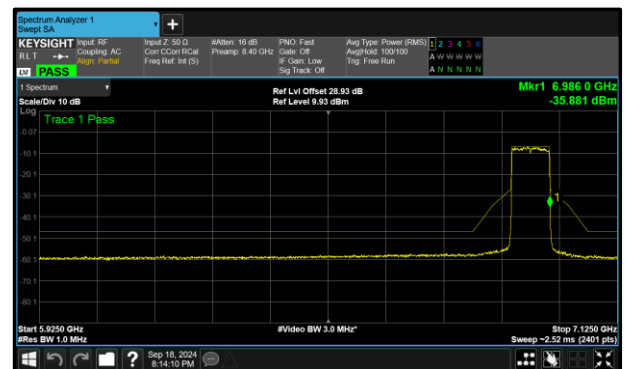


Figure 356 - A (Core 0) 802.11ax HE80 SU LPI 6945 MHz (CH199)

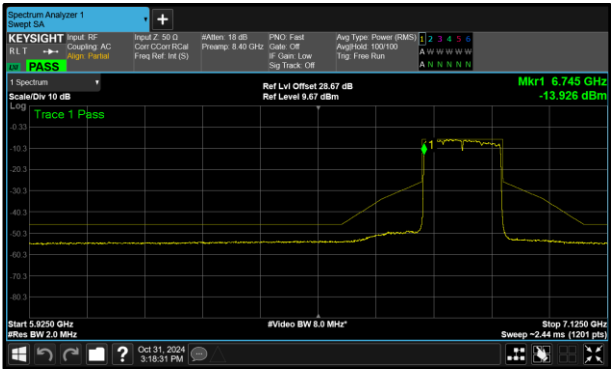


Figure 357 - A (Core 0) 802.11ax HE160 SU LPI
6825 MHz (CH175)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 LPI	6.41	6512.600
802.11ax HE20 RU26 LPI	19.37	7106.000
802.11ax HE20 RU52 LPI	10.65	6396.300

Table 267 - Unwanted Emissions Within the RLAN Band Summary Results

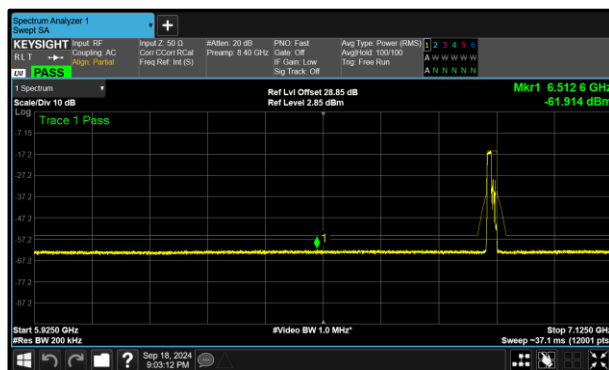


Figure 358 - A (Core 0) 802.11ax HE20 RU106 LPI
6875 MHz (CH185)

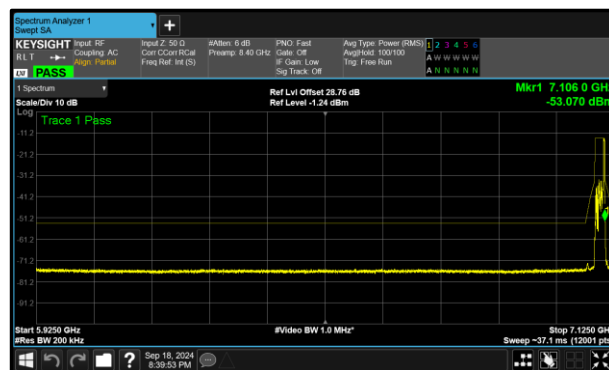


Figure 359 - A (Core 0) 802.11ax HE20 RU26 LPI
7095 MHz (CH229)

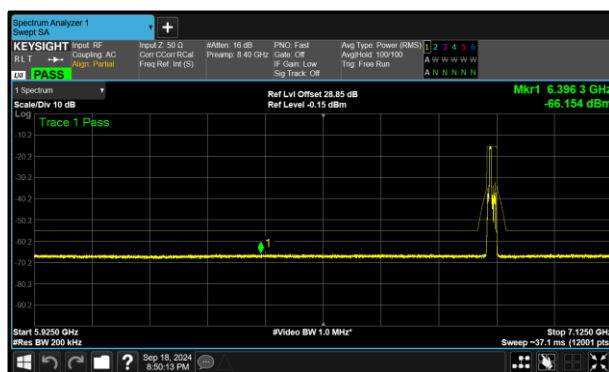


Figure 360 - B (Core 1) 802.11ax HE20 RU52 LPI
6875 MHz (CH185)



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	-	12.54	-	-
6175	11.83	-	-	-
6415	10.95	-	-	-
6435	10.87	-	-	-
6475	10.85	-	-	-
6515	11.47	-	-	-
6535	10.73	-	-	-
6695	11.23	-	-	-
6855	10.56	-	-	-
6875	10.54	-	-	-
6895	12.06	-	-	-
6995	12.27	-	-	-
7115	7.30	-	-	-

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 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	-	16.33	-	-
6175	16.28	-	-	-
6415	16.90	-	-	-
6435	10.41	-	-	-
6475	16.66	-	-	-
6515	16.67	-	-	-
6535	15.90	-	-	-
6695	17.18	-	-	-
6855	16.23	-	-	-
6875	16.61	-	-	-
6895	9.77	-	-	-
6995	16.97	-	-	-
7095	9.89	-	-	-

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5965	-	10.53	-	-
6165	10.84	-	-	-
6405	11.35	-	-	-
6445	11.88	-	-	-
6485	11.35	-	-	-
6525	9.40	-	-	-
6565	10.79	-	-	-
6685	10.08	-	-	-
6845	11.36	-	-	-
6885	12.29	-	-	-
6925	10.82	-	-	-
7005	11.28	-	-	-
7085	11.08	-	-	-

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 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	-	10.14	-	-
6145	9.20	-	-	-
6385	9.18	-	-	-
6465	10.06	-	-	-
6545	9.77	-	-	-
6625	9.06	-	-	-
6705	9.25	-	-	-
6785	9.77	-	-	-
6865	10.09	-	-	-
6945	8.88	-	-	-
7025	10.45	-	-	-

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 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	-	9.35	-	-
6185	8.34	-	-	-
6345	8.48	-	-	-
6505	8.04	-	-	-
6665	8.61	-	-	-
6825	7.83	-	-	-
6985	8.93	-	-	-

Table 272 - 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)	-	19.87	-	-
6175 (RU26.0)	20.66	-	-	-
6415 (RU26.8)	20.05	-	-	-
6435 (RU26.0)	20.36	-	-	-
6475 (RU26.0)	19.65	-	-	-
6515 (RU26.8)	20.00	-	-	-
6535 (RU26.0)	20.65	-	-	-
6695 (RU26.0)	19.66	-	-	-
6855 (RU26.8)	19.49	-	-	-
6875 (RU26.3)	20.56	-	-	-
6875 (RU26.5)	21.16	-	-	-
6895 (RU26.0)	19.72	-	-	-
6995 (RU26.0)	19.48	-	-	-
7095 (RU26.8)	19.37	-	-	-

Table 273 - 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)	-	11.66	-	-
6175 (RU52.37)	10.81	-	-	-
6415 (RU52.40)	10.74	-	-	-
6435 (RU52.37)	11.54	-	-	-
6475 (RU52.37)	11.21	-	-	-
6515 (RU52.40)	11.70	-	-	-
6535 (RU52.37)	10.80	-	-	-
6695 (RU52.37)	10.79	-	-	-
6855 (RU52.40)	10.73	-	-	-
6875 (RU52.38)	10.75	-	-	-
6875 (RU52.39)	10.65	-	-	-
6895 (RU52.37)	12.33	-	-	-
6995 (RU52.37)	12.55	-	-	-
7095 (RU52.40)	12.47	-	-	-

Table 274 - 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)	-	12.39	-	-
6175 (RU106.53)	11.00	-	-	-
6415 (RU106.54)	10.53	-	-	-
6435 (RU106.53)	11.89	-	-	-
6475 (RU106.53)	11.26	-	-	-
6515 (RU106.54)	7.75	-	-	-
6535 (RU106.53)	6.90	-	-	-
6695 (RU106.53)	10.66	-	-	-
6855 (RU106.54)	10.47	-	-	-
6875 (RU106.53)	6.41	-	-	-
6875 (RU106.54)	10.96	-	-	-
6895 (RU106.53)	12.09	-	-	-
6995 (RU106.53)	12.76	-	-	-
7095 (RU106.54)	12.52	-	-	-

Table 275 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11a SP	7.67	6532.300
802.11ax HE20 SU SP	7.09	6534.800
802.11ax HE40 SU SP	5.05	6447.959
802.11ax HE80 SU SP	4.80	6629.500
802.11ax HE160 SU SP	5.48	5928.000

Table 276 - Unwanted Emissions Within the RLAN Band Summary Results

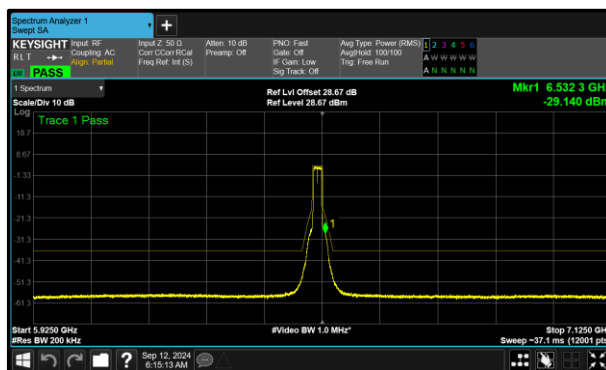


Figure 361 - A (Core 0) 802.11a SP 6515 MHz (CH113)

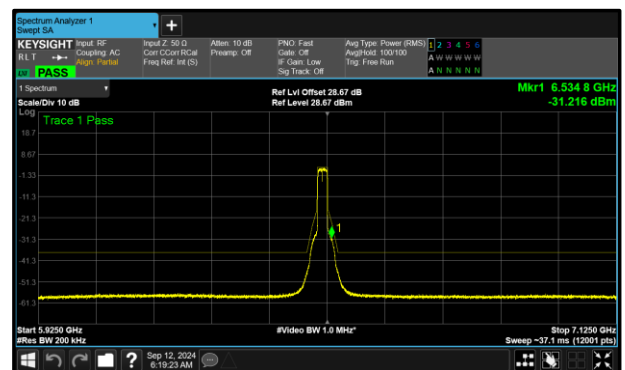


Figure 362 - A (Core 0) 802.11ax HE20 SU SP 6515 MHz (CH113)

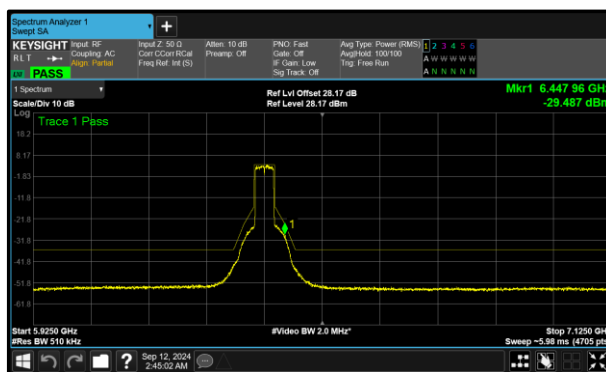


Figure 363 - A (Core 0) 802.11ax HE40 SU SP 6405 MHz (CH91)

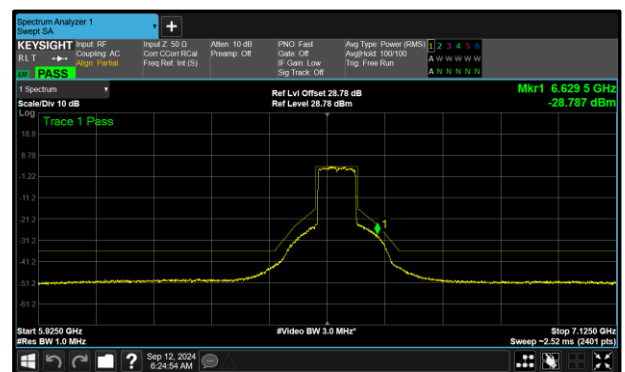


Figure 364 - A (Core 0) 802.11ax HE80 SU SP 6545 MHz (CH119)

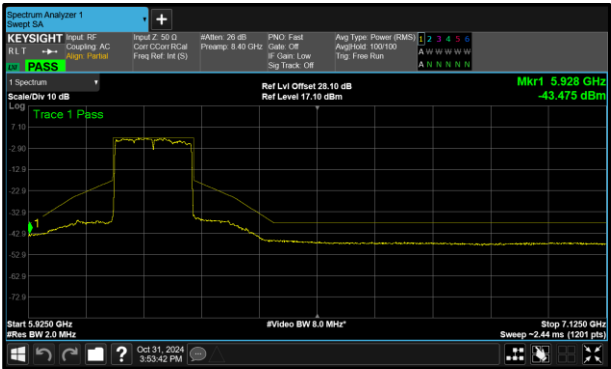


Figure 365 - A (Core 0) 802.11ax HE160 SU SP
6185 MHz (CH47)



Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 SP	15.96	6463.600
802.11ax HE20 RU26 SP	17.54	6865.800
802.11ax HE20 RU52 SP	18.40	6425.900

Table 277 - Unwanted Emissions Within the RLAN Band Summary Results

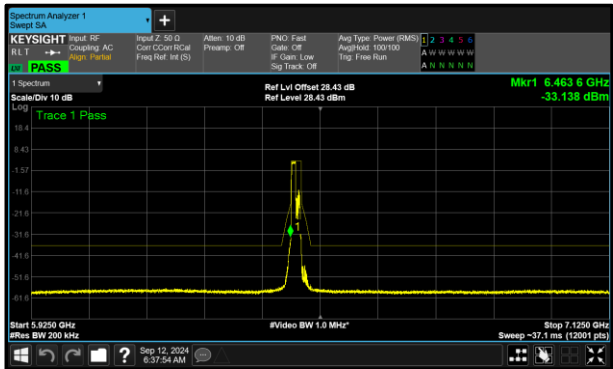


Figure 366 - A (Core 0) 802.11ax HE20 RU106 SP
6475 MHz (CH105)

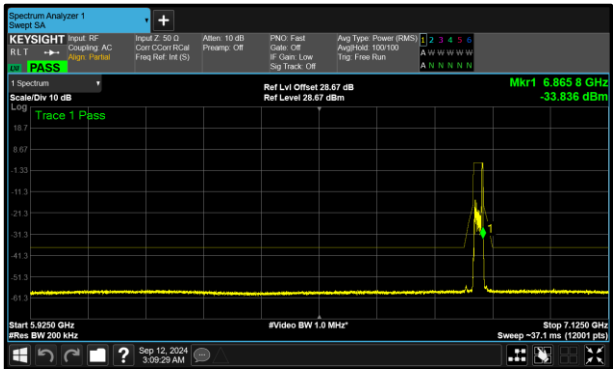


Figure 367 - A (Core 0) 802.11ax HE20 RU26 SP
6855 MHz (CH181)

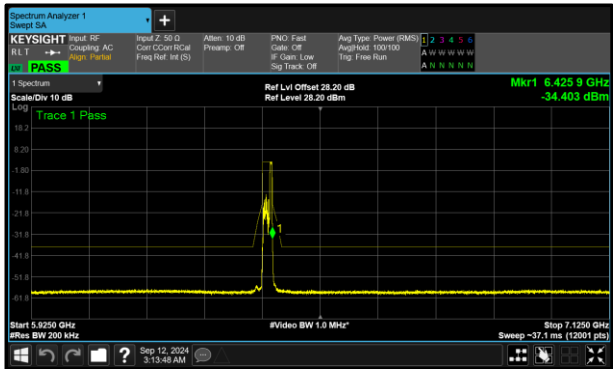


Figure 368 - A (Core 0) 802.11ax HE20 RU52 SP
6415 MHz (CH93)



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	-	13.80	-	-
6175	13.35	-	-	-
6415	9.62	-	-	-
6435	9.81	-	-	-
6475	8.42	-	-	-
6515	7.67	-	-	-
6535	9.16	-	-	-
6695	8.51	-	-	-
6855	10.15	-	-	-

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 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	-	11.37	-	-
6175	9.50	-	-	-
6415	8.62	-	-	-
6435	7.73	-	-	-
6475	7.11	-	-	-
6515	7.09	-	-	-
6535	7.99	-	-	-
6695	7.32	-	-	-
6855	8.36	-	-	-

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 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	-	11.47	-	-
6165	8.47	-	-	-
6405	5.05	-	-	-
6445	5.77	-	-	-
6485	5.80	-	-	-
6525	6.91	-	-	-
6565	5.84	-	-	-
6685	6.94	-	-	-
6845	6.49	-	-	-

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 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	-	11.30	-	-
6145	6.62	-	-	-
6385	5.72	-	-	-
6465	6.08	-	-	-
6545	4.80	-	-	-
6625	5.39	-	-	-
6705	7.96	-	-	-
6785	5.95	-	-	-

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 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	-	9.13	-	-
6185	5.48	-	-	-
6345	5.52	-	-	-
6505	6.66	-	-	-
6665	6.91	-	-	-

Table 282 - 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)	-	19.96	-	-
6175 (RU26.0)	20.74	-	-	-
6415 (RU26.8)	18.13	-	-	-
6435 (RU26.0)	20.10	-	-	-
6475 (RU26.0)	20.16	-	-	-
6515 (RU26.8)	17.66	-	-	-
6535 (RU26.0)	19.58	-	-	-
6695 (RU26.0)	19.52	-	-	-
6855 (RU26.8)	17.54	-	-	-

Table 283 - 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)	-	19.02	-	-
6175 (RU52.37)	18.44	-	-	-
6415 (RU52.40)	18.40	-	-	-
6435 (RU52.37)	18.80	-	-	-
6475 (RU52.37)	19.87	-	-	-
6515 (RU52.40)	19.00	-	-	-
6535 (RU52.37)	19.56	-	-	-
6695 (RU52.37)	19.89	-	-	-
6855 (RU52.40)	19.32	-	-	-

Table 284 - 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)	-	19.28	-	-
6175 (RU106.53)	19.39	-	-	-
6415 (RU106.54)	18.56	-	-	-
6435 (RU106.53)	16.99	-	-	-
6475 (RU106.53)	15.96	-	-	-
6515 (RU106.54)	16.39	-	-	-
6535 (RU106.53)	17.64	-	-	-
6695 (RU106.53)	17.83	-	-	-
6855 (RU106.54)	19.11	-	-	-

Table 285 - Unwanted Emissions Within the Band Results



Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11a VLP	10.52	6239.200
802.11ax HE20 SU VLP	15.53	6244.800
802.11ax HE40 SU VLP	10.03	6337.755
802.11ax HE80 SU VLP	8.87	6666.000
802.11ax HE160 SU VLP	8.29	6265.000

Table 286 - Unwanted Emissions Within the RLAN Band Summary Results

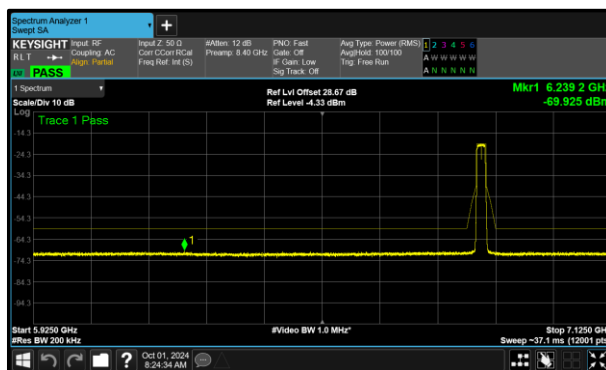


Figure 369 - A (Core 0) 802.11a VLP 6855 MHz (CH181)

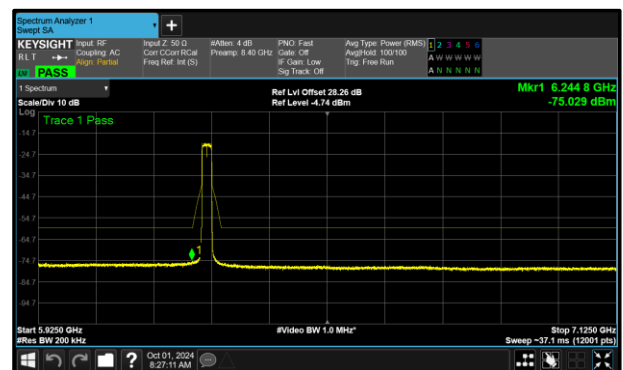


Figure 370 - A (Core 0) 802.11ax HE20 SU VLP 6275 MHz (CH65)

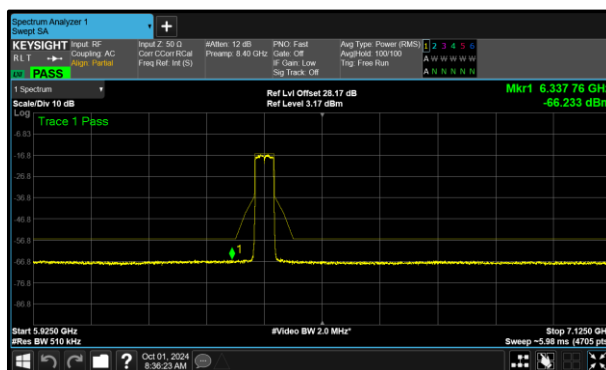


Figure 371 - A (Core 0) 802.11ax HE40 SU VLP 6405 MHz (CH91)

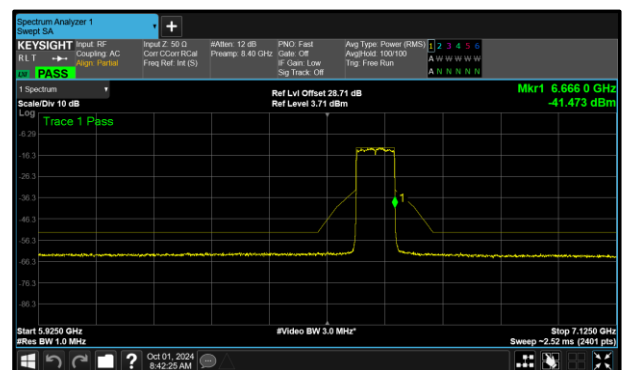


Figure 372 - A (Core 0) 802.11ax HE80 SU VLP 6625 MHz (CH135)

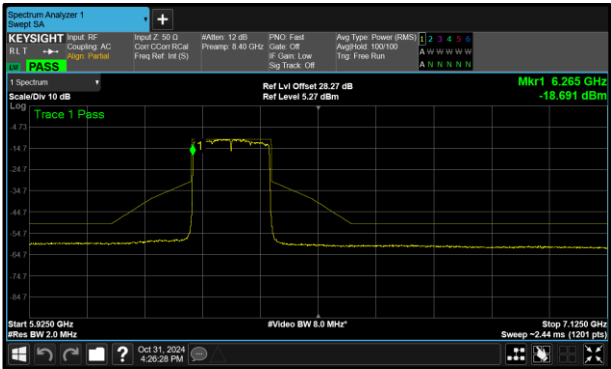


Figure 373 - A (Core 0) 802.11ax HE160 SU VLP
6345 MHz (CH79)



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

DUT Configuration			
Mode:	802.11a 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	11.76	-	-	-
6275	10.93	-	-	-
6415	10.75	-	-	-
6535	10.76	-	-	-
6695	11.63	-	-	-
6855	10.52	-	-	-

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)(7)	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6115	16.16	-	-	-
6275	15.53	-	-	-
6415	16.64	-	-	-
6535	15.74	-	-	-
6695	16.28	-	-	-
6855	16.14	-	-	-

Table 288 - Unwanted Emissions Within the Band Results



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

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6125	12.11	-	-	-
6285	11.80	-	-	-
6405	10.03	-	-	-
6565	11.66	-	-	-
6685	11.25	-	-	-
6845	11.82	-	-	-

Table 289 - Unwanted Emissions Within the Band Results

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

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6145	9.64	-	-	-
6305	9.72	-	-	-
6385	9.73	-	-	-
6625	8.87	-	-	-
6705	9.54	-	-	-
6785	10.32	-	-	-

Table 290 - Unwanted Emissions Within the Band Results



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

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6185	8.84	-	-	-
6345	8.29	-	-	-
6665	9.25	-	-	-

Table 291 - Unwanted Emissions Within the Band Results

MIMO CDD

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU LPI	15.14	6445.100
802.11ax HE40 SU LPI	8.63	6176.786
802.11ax HE80 SU LPI	7.68	6666.000
802.11ax HE160 SU LPI	8.05	6425.000

Table 292 - Unwanted Emissions Within the RLAN Band Summary Results

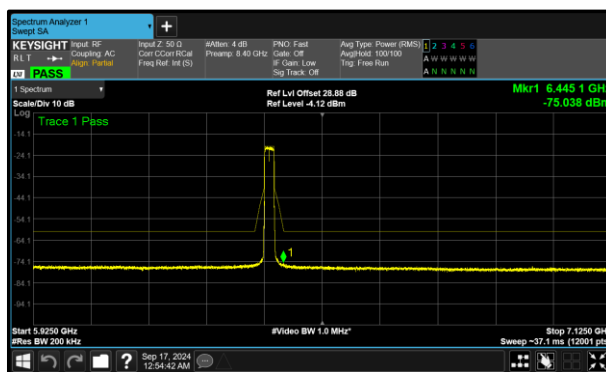


Figure 374 - A (Core 0) 802.11ax HE20 SU LPI
6415 MHz (CH93)

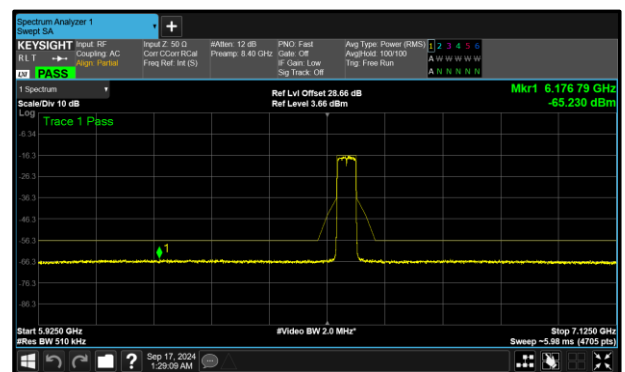


Figure 375 - B (Core 1) 802.11ax HE40 SU LPI
6565 MHz (CH123)

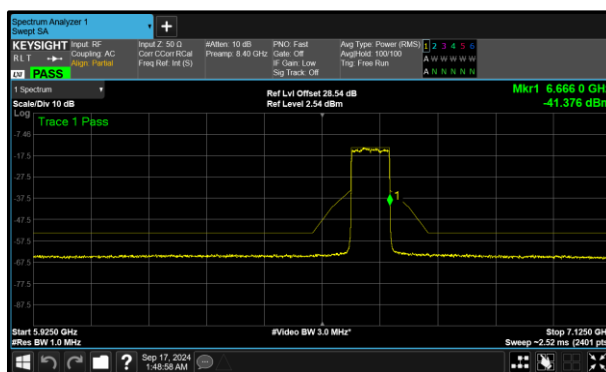


Figure 376 - B (Core 1) 802.11ax HE80 SU LPI
6625 MHz (CH135)

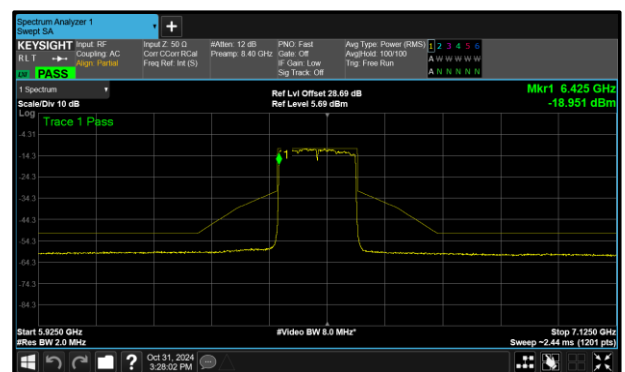


Figure 377 - A (Core 0) 802.11ax HE160 SU LPI
6505 MHz (CH111)



Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 LPI	6.79	6761.500
802.11ax HE20 RU26 LPI	16.84	6435.300
802.11ax HE20 RU52 LPI	16.20	5931.700

Table 293 - Unwanted Emissions Within the RLAN Band Summary Results



Figure 378 - B (Core 1) 802.11ax HE20 RU106 LPI
6995 MHz (CH209)

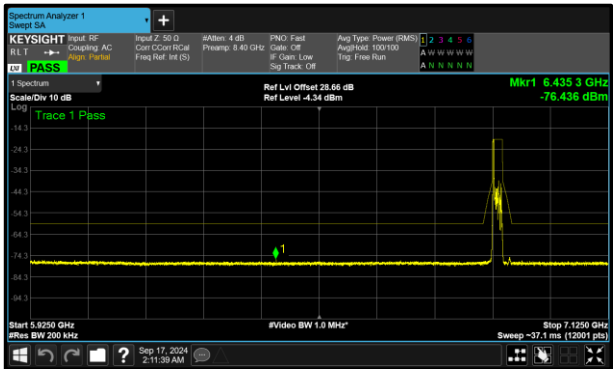


Figure 379 - B (Core 1) 802.11ax HE20 RU26 LPI
6895 MHz (CH189)

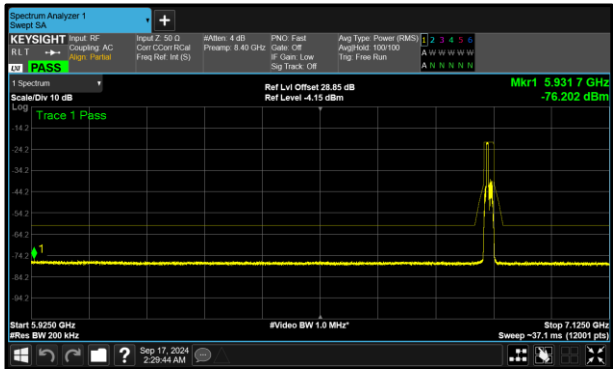


Figure 380 - A (Core 0) 802.11ax HE20 RU52 LPI
6875 MHz (CH185)



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	15.98	16.45	-	-
6175	16.43	16.73	-	-
6415	15.14	15.71	-	-
6435	15.58	16.03	-	-
6475	15.35	15.86	-	-
6515	15.57	15.96	-	-
6535	15.32	15.52	-	-
6695	15.73	16.05	-	-
6855	15.61	16.06	-	-
6875	15.66	16.13	-	-
6895	16.52	15.76	-	-
6995	16.09	16.03	-	-
7095	16.20	16.47	-	-

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 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	10.19	9.65	-	-
6165	11.05	10.86	-	-
6405	10.46	9.41	-	-
6445	9.90	10.66	-	-
6485	10.86	9.84	-	-
6525	9.32	10.32	-	-
6565	10.12	8.63	-	-
6685	10.75	10.54	-	-
6845	12.03	11.75	-	-
6885	9.95	11.80	-	-
6925	11.63	12.57	-	-
7005	11.54	10.93	-	-
7085	9.45	10.43	-	-

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 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	9.61	8.49	-	-
6145	9.13	8.45	-	-
6385	9.40	9.57	-	-
6465	9.67	9.61	-	-
6545	8.75	8.10	-	-
6625	9.30	7.68	-	-
6705	8.86	8.36	-	-
6785	9.67	9.47	-	-
6865	9.77	10.26	-	-
6945	8.85	9.03	-	-
7025	9.04	10.07	-	-

Table 296 - 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	8.63	9.34	-	-
6185	8.27	8.49	-	-
6345	8.53	8.47	-	-
6505	8.05	8.92	-	-
6665	8.78	9.05	-	-
6825	8.17	8.37	-	-
6985	8.35	8.50	-	-

Table 297 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	6.875-7.125 GHz	Band:	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
6895 (RU26.0)	17.41	16.84	-	-
6995 (RU26.0)	17.28	16.86	-	-
7095 (RU26.8)	17.61	17.91	-	-

Table 298 - 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)	17.18	17.52	-	-
6175 (RU52.37)	17.04	17.57	-	-
6415 (RU52.40)	16.51	17.65	-	-
6435 (RU52.37)	16.24	17.12	-	-
6475 (RU52.37)	16.75	17.16	-	-
6515 (RU52.40)	16.24	16.60	-	-
6535 (RU52.37)	16.55	17.27	-	-
6695 (RU52.37)	16.99	16.78	-	-
6855 (RU52.40)	16.51	16.63	-	-
6875 (RU52.38)	16.20	16.50	-	-
6875 (RU52.39)	16.59	16.25	-	-
6895 (RU52.37)	17.16	16.76	-	-
6995 (RU52.37)	17.59	17.41	-	-
7095 (RU52.40)	17.55	17.02	-	-

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 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)	16.79	17.15	-	-
6175 (RU106.53)	16.84	17.40	-	-
6415 (RU106.54)	16.43	15.25	-	-
6435 (RU106.53)	16.61	16.71	-	-
6475 (RU106.53)	16.14	16.56	-	-
6515 (RU106.54)	16.58	17.06	-	-
6535 (RU106.53)	16.04	16.98	-	-
6695 (RU106.53)	16.65	16.64	-	-
6855 (RU106.54)	16.16	16.48	-	-
6875 (RU106.53)	16.34	16.60	-	-
6875 (RU106.54)	15.86	16.27	-	-
6895 (RU106.53)	9.53	8.37	-	-
6995 (RU106.53)	9.60	6.79	-	-
7095 (RU106.54)	9.69	7.05	-	-

Table 300 - Unwanted Emissions Within the Band Results



Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU SP	14.04	5993.300
802.11ax HE40 SU SP	11.03	6341.837
802.11ax HE80 SU SP	5.23	6555.000
802.11ax HE160 SU SP	6.32	5935.000

Table 301 - Unwanted Emissions Within the RLAN Band Summary Results

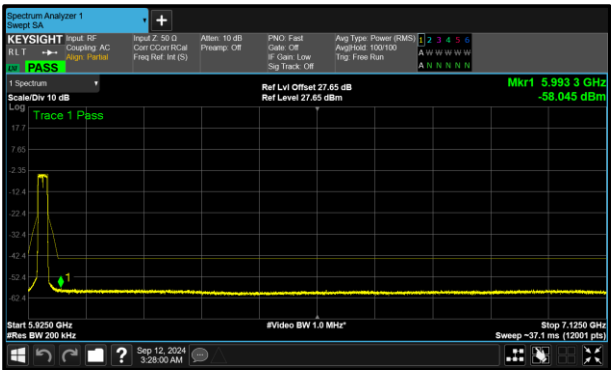


Figure 381 - A (Core 0) 802.11ax HE20 SU SP
5955 MHz (CH1)

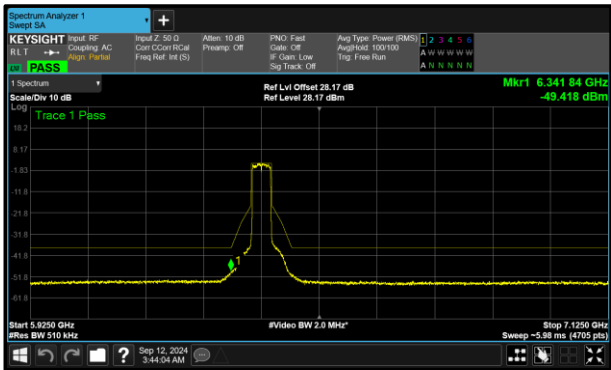


Figure 382 - A (Core 0) 802.11ax HE40 SU SP
6405 MHz (CH91)

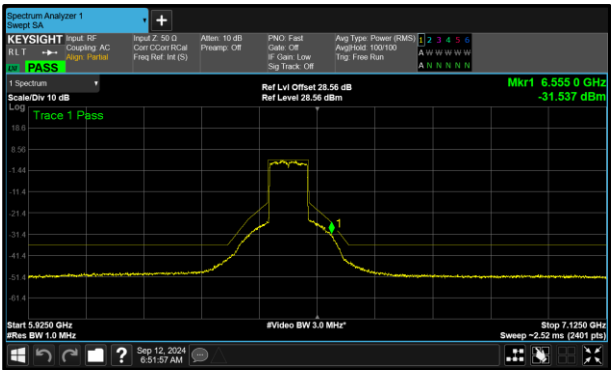


Figure 383 - A (Core 0) 802.11ax HE80 SU SP
6465 MHz (CH103)

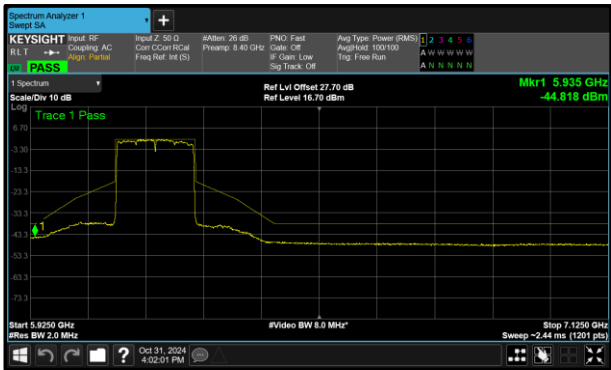


Figure 384 - B (Core 1) 802.11ax HE160 SU SP
6185 MHz (CH47)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 SP	14.37	6068.300
802.11ax HE20 RU26 SP	14.03	6080.100
802.11ax HE20 RU52 SP	13.78	6983.800

Table 302 - Unwanted Emissions Within the RLAN Band Summary Results

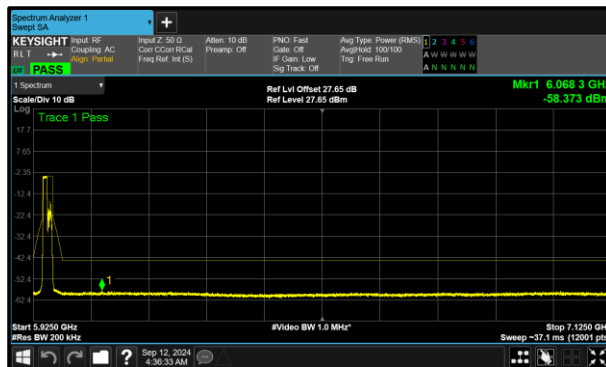


**Figure 385 - A (Core 0) 802.11ax HE20 RU106 SP
5955 MHz (CH1)**

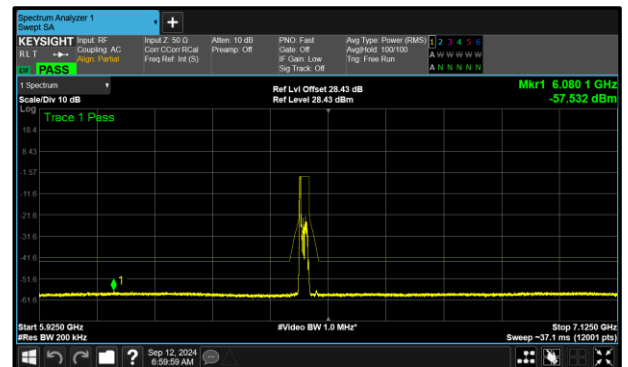


**Figure 386 - A (Core 0) 802.11ax HE20 RU26 SP
6475 MHz (CH105)**

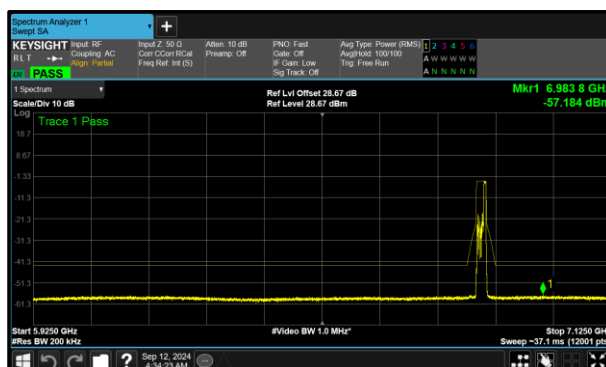


**Figure 387 - A (Core 0) 802.11ax HE20 RU52 SP
6855 MHz (CH181)**



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	14.04	15.05	-	-
6175	14.44	15.35	-	-
6415	14.27	15.25	-	-
6435	14.38	14.70	-	-
6475	14.30	14.86	-	-
6515	14.18	14.66	-	-
6535	14.38	14.35	-	-
6695	14.42	14.55	-	-
6855	14.17	14.34	-	-

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 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	14.10	14.28	-	-
6165	13.37	14.13	-	-
6405	11.03	12.71	-	-
6445	11.03	12.63	-	-
6485	11.55	13.24	-	-
6525	12.45	12.73	-	-
6565	12.05	12.86	-	-
6685	11.54	12.66	-	-
6845	12.40	12.30	-	-

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 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	11.94	12.27	-	-
6145	7.44	7.10	-	-
6385	7.15	8.08	-	-
6465	5.23	5.66	-	-
6545	6.34	8.04	-	-
6625	6.27	6.84	-	-
6705	6.14	7.32	-	-
6785	5.52	7.56	-	-

Table 305 - 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	8.27	8.75	-	-
6185	7.40	6.32	-	-
6345	6.45	6.92	-	-
6505	6.46	7.51	-	-
6665	6.79	8.09	-	-

Table 306 - 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)	14.69	14.51	-	-
6175 (RU26.0)	15.01	15.26	-	-
6415 (RU26.8)	14.81	15.43	-	-
6435 (RU26.0)	14.27	15.05	-	-
6475 (RU26.0)	14.03	14.43	-	-
6515 (RU26.8)	15.36	15.27	-	-
6535 (RU26.0)	14.73	15.79	-	-
6695 (RU26.0)	15.09	15.73	-	-
6855 (RU26.8)	14.28	14.43	-	-

Table 307 - 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)	14.29	15.32	-	-
6175 (RU52.37)	15.30	15.80	-	-
6415 (RU52.40)	15.16	15.63	-	-
6435 (RU52.37)	14.43	15.59	-	-
6475 (RU52.37)	14.44	15.15	-	-
6515 (RU52.40)	15.03	15.10	-	-
6535 (RU52.37)	14.62	15.42	-	-
6695 (RU52.37)	14.97	15.65	-	-
6855 (RU52.40)	13.78	15.12	-	-

Table 308 - 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)	14.37	14.94	-	-
6175 (RU106.53)	15.36	15.47	-	-
6415 (RU106.54)	14.96	15.68	-	-
6435 (RU106.53)	14.94	15.81	-	-
6475 (RU106.53)	14.95	15.51	-	-
6515 (RU106.54)	15.01	15.56	-	-
6535 (RU106.53)	14.80	15.47	-	-
6695 (RU106.53)	15.38	15.55	-	-
6855 (RU106.54)	14.51	14.73	-	-

Table 309 - Unwanted Emissions Within the Band Results



Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE40 SU VLP	10.01	5949.745
802.11ax HE80 SU VLP	8.28	6656.000
802.11ax HE160 SU VLP	7.77	6035.000

Table 310 - Unwanted Emissions Within the RLAN Band Summary Results

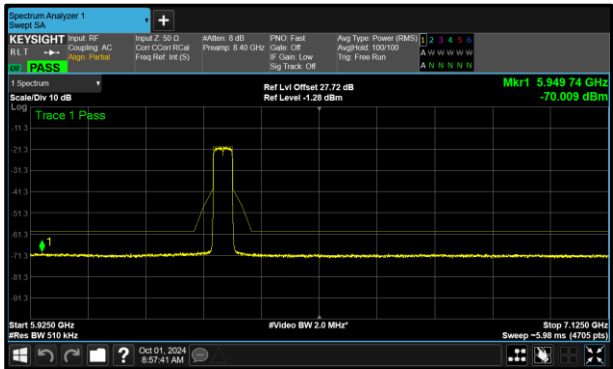


Figure 388 - B (Core 1) 802.11ax HE40 SU VLP
6325 MHz (CH75)

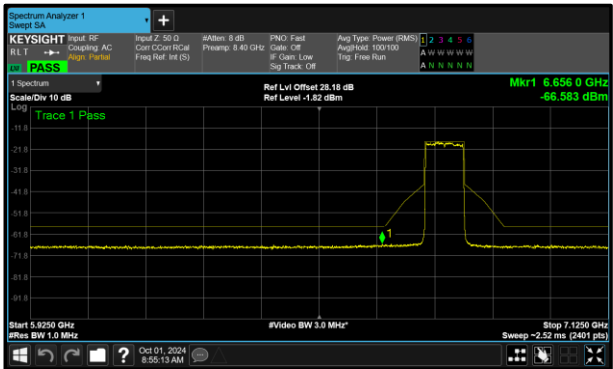


Figure 389 - B (Core 1) 802.11ax HE80 SU VLP
6785 MHz (CH167)

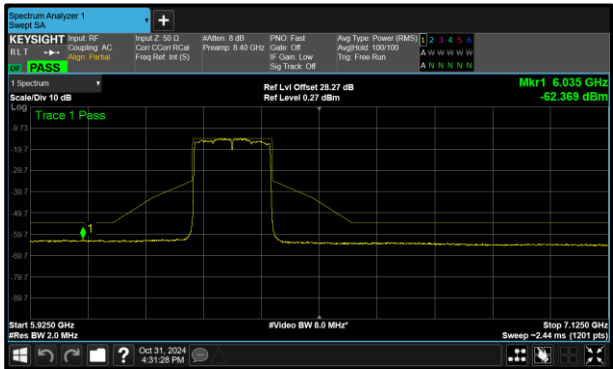


Figure 390 - A (Core 0) 802.11ax HE160 SU VLP
6345 MHz (CH79)



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

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6285	10.72	11.43	-	-
6325	11.03	10.01	-	-
6405	11.10	11.18	-	-

Table 311 - Unwanted Emissions Within the Band Results

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

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6145	8.89	8.98	-	-
6305	9.72	9.64	-	-
6385	10.25	8.96	-	-
6625	9.57	10.00	-	-
6705	10.31	10.88	-	-
6785	10.19	8.28	-	-

Table 312 - Unwanted Emissions Within the Band Results



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

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6185	8.18	8.47	-	-
6345	7.77	8.26	-	-
6665	8.00	8.58	-	-

Table 313 - Unwanted Emissions Within the Band Results



MIMO SDM

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU LPI	15.90	6706.000
802.11ax HE40 SU LPI	9.25	6241.071
802.11ax HE80 SU LPI	8.52	6426.000
802.11ax HE160 SU LPI	7.61	6716.000

Table 314 - Unwanted Emissions Within the RLAN Band Summary Results

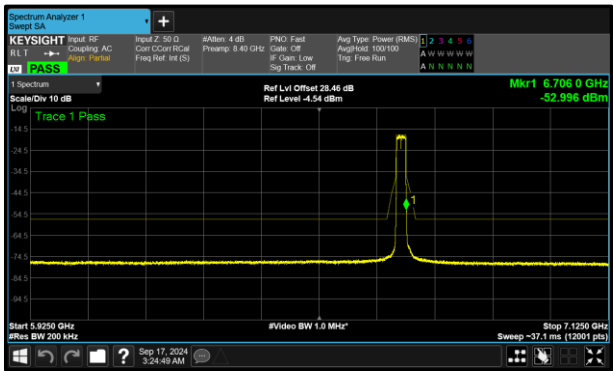


Figure 391 - A (Core 0) 802.11ax HE20 SU LPI
6695 MHz (CH149)

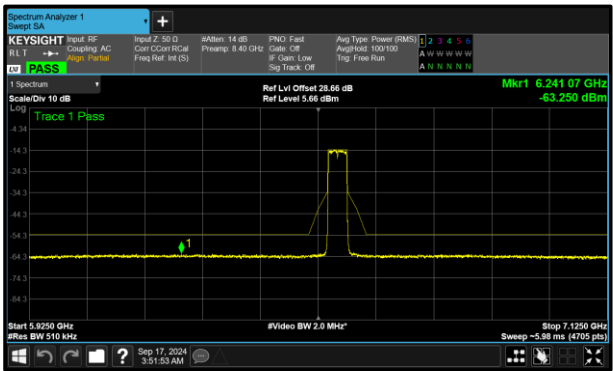


Figure 392 - B (Core 1) 802.11ax HE40 SU LPI
6565 MHz (CH123)

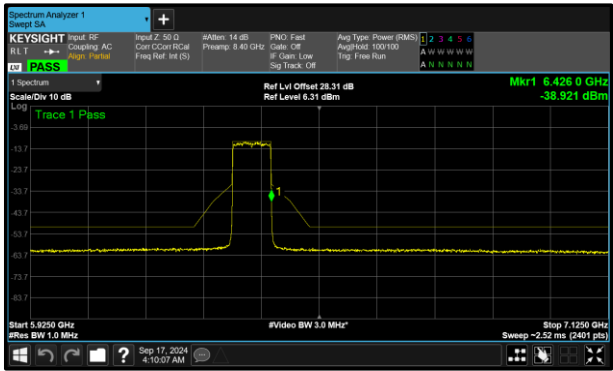


Figure 393 - B (Core 1) 802.11ax HE80 SU LPI
6385 MHz (CH87)

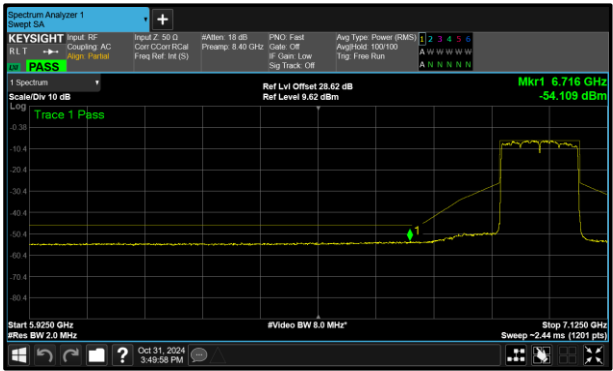


Figure 394 - A (Core 0) 802.11ax HE160 SU LPI
6985 MHz (CH207)



Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 LPI	9.76	6416.700
802.11ax HE20 RU26 LPI	16.11	6416.700
802.11ax HE20 RU52 LPI	9.43	7028.800

Table 315 - Unwanted Emissions Within the RLAN Band Summary Results

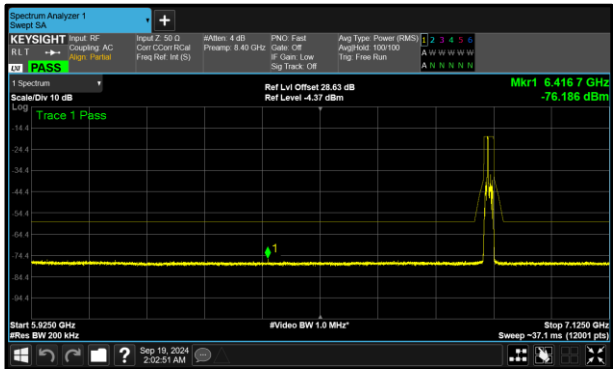


Figure 395 - B (Core 1) 802.11ax HE20 RU106 LPI
6875 MHz (CH185)

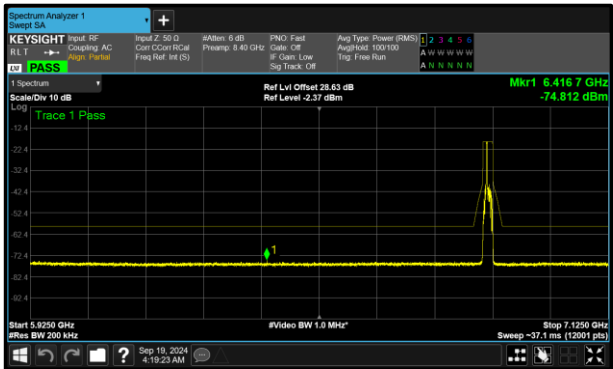


Figure 396 - B (Core 1) 802.11ax HE20 RU26 LPI
6875 MHz (CH185)

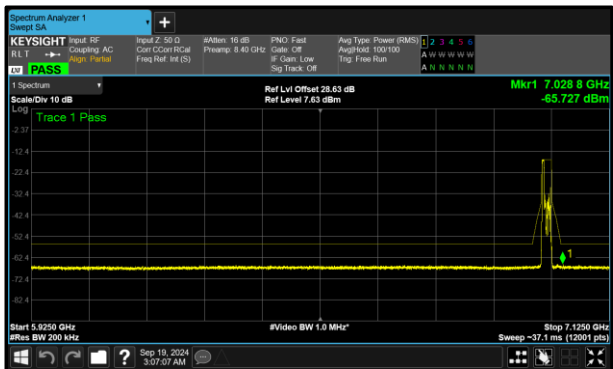


Figure 397 - B (Core 1) 802.11ax HE20 RU52 LPI
6995 MHz (CH209)



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	16.17	16.16	-	-
6175	16.48	16.17	-	-
6415	15.97	16.62	-	-
6435	16.16	16.99	-	-
6475	16.76	17.32	-	-
6515	17.07	17.81	-	-
6535	16.26	16.87	-	-
6695	15.90	17.29	-	-
6855	16.29	16.68	-	-
6875	16.40	17.02	-	-
6895	16.88	16.43	-	-
6995	16.75	17.17	-	-
7095	16.79	17.41	-	-

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 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	10.51	10.76	-	-
6165	10.15	10.98	-	-
6405	9.78	11.17	-	-
6445	9.47	9.56	-	-
6485	9.75	9.46	-	-
6525	11.34	9.65	-	-
6565	10.64	9.25	-	-
6685	9.72	10.63	-	-
6845	11.03	11.29	-	-
6885	11.29	11.30	-	-
6925	11.18	10.99	-	-
7005	11.13	10.76	-	-
7085	10.95	10.80	-	-

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 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	9.71	9.05	-	-
6145	9.63	9.60	-	-
6385	9.37	8.52	-	-
6465	9.21	9.55	-	-
6545	8.69	10.19	-	-
6625	8.78	9.01	-	-
6705	9.60	9.21	-	-
6785	9.81	9.78	-	-
6865	10.04	9.85	-	-
6945	9.55	9.27	-	-
7025	9.03	9.03	-	-

Table 318 - 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	9.56	9.70	-	-
6185	8.65	8.57	-	-
6345	9.28	8.49	-	-
6505	8.46	9.08	-	-
6665	8.93	9.57	-	-
6825	8.13	8.06	-	-
6985	7.61	9.15	-	-

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 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)	18.92	18.80	-	-
6175 (RU26.0)	18.79	19.83	-	-
6415 (RU26.8)	18.64	19.16	-	-
6435 (RU26.0)	19.80	19.13	-	-
6475 (RU26.0)	18.22	19.51	-	-
6515 (RU26.8)	18.29	19.27	-	-
6535 (RU26.0)	18.59	19.23	-	-
6695 (RU26.0)	19.32	18.16	-	-
6855 (RU26.8)	17.07	16.95	-	-
6875 (RU26.3)	17.28	16.11	-	-
6875 (RU26.5)	17.54	16.34	-	-
6895 (RU26.0)	20.54	18.92	-	-
6995 (RU26.0)	19.16	20.39	-	-
7095 (RU26.8)	19.77	18.82	-	-

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 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)	18.63	19.37	-	-
6175 (RU52.37)	18.07	18.45	-	-
6415 (RU52.40)	18.53	18.40	-	-
6435 (RU52.37)	19.21	18.06	-	-
6475 (RU52.37)	18.37	18.24	-	-
6515 (RU52.40)	17.79	17.95	-	-
6535 (RU52.37)	17.93	18.90	-	-
6695 (RU52.37)	19.08	17.63	-	-
6855 (RU52.40)	17.05	18.28	-	-
6875 (RU52.38)	19.37	18.59	-	-
6875 (RU52.39)	19.28	18.17	-	-
6895 (RU52.37)	12.09	11.51	-	-
6995 (RU52.37)	12.14	9.43	-	-
7095 (RU52.40)	12.40	9.99	-	-

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 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)	10.33	10.96	-	-
6175 (RU106.53)	10.27	11.06	-	-
6415 (RU106.54)	10.88	11.01	-	-
6435 (RU106.53)	11.33	11.37	-	-
6475 (RU106.53)	10.81	11.04	-	-
6515 (RU106.54)	11.21	11.32	-	-
6535 (RU106.53)	10.81	10.76	-	-
6695 (RU106.53)	10.96	10.80	-	-
6855 (RU106.54)	10.75	9.88	-	-
6875 (RU106.53)	10.31	9.92	-	-
6875 (RU106.54)	9.96	9.76	-	-
6895 (RU106.53)	12.51	11.67	-	-
6995 (RU106.53)	12.51	12.03	-	-
7095 (RU106.54)	12.61	12.44	-	-

Table 322 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU SP	14.20	6482.800
802.11ax HE40 SU SP	4.95	6722.959
802.11ax HE80 SU SP	4.83	6563.000
802.11ax HE160 SU SP	5.53	6094.000

Table 323 - Unwanted Emissions Within the RLAN Band Summary Results

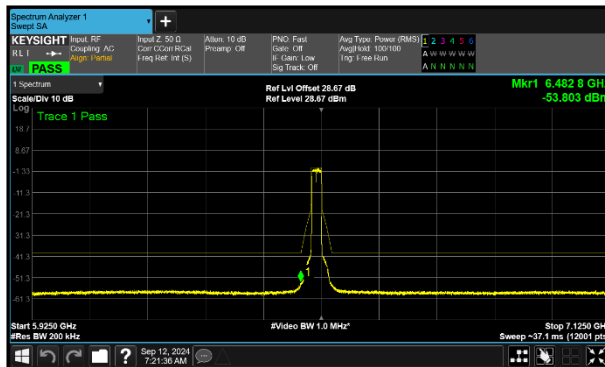


Figure 398 - A (Core 0) 802.11ax HE20 SU SP
6515 MHz (CH113)

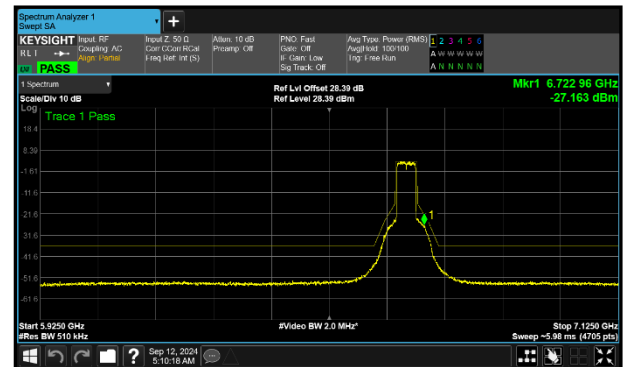


Figure 399 - A (Core 0) 802.11ax HE40 SU SP
6685 MHz (CH147)

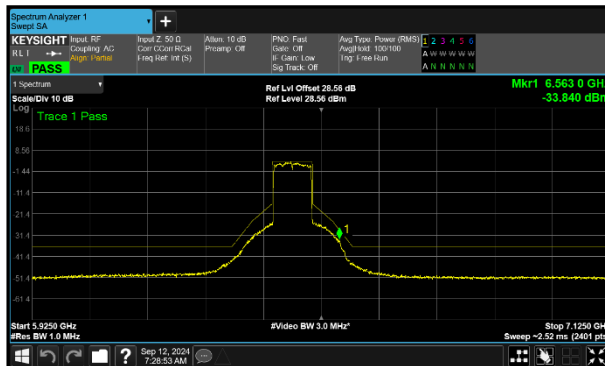


Figure 400 - A (Core 0) 802.11ax HE80 SU SP
6465 MHz (CH103)

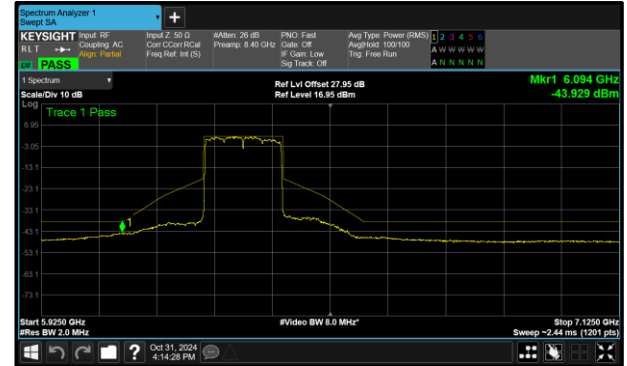


Figure 401 - B (Core 1) 802.11ax HE160 SU SP
6345 MHz (CH79)



Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 SP	16.85	6424.100
802.11ax HE20 RU26 SP	16.70	6055.600
802.11ax HE20 RU52 SP	15.88	6865.800

Table 324 - Unwanted Emissions Within the RLAN Band Summary Results

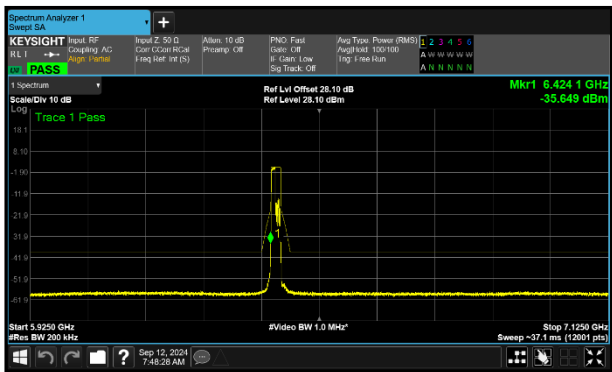


Figure 402 - B (Core 1) 802.11ax HE20 RU106 SP
6435 MHz (CH97)

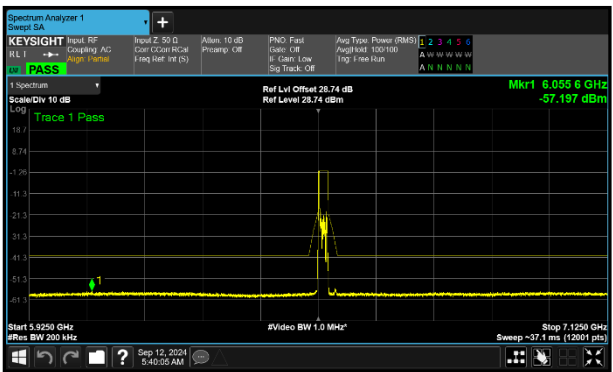


Figure 403 - A (Core 0) 802.11ax HE20 RU26 SP
6535 MHz (CH117)

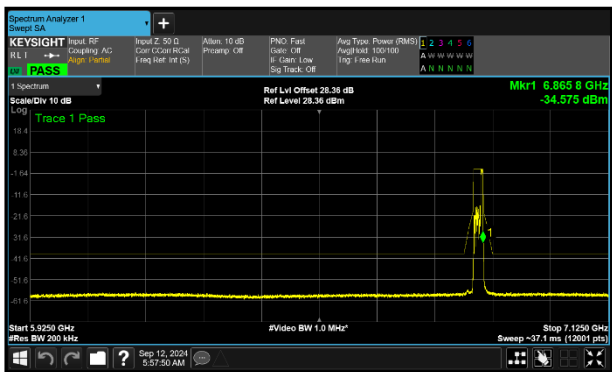


Figure 404 - B (Core 1) 802.11ax HE20 RU52 SP
6855 MHz (CH181)



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	16.44	16.91	-	-
6175	15.85	16.31	-	-
6415	14.65	15.98	-	-
6435	14.85	15.83	-	-
6475	15.14	14.90	-	-
6515	14.20	14.52	-	-
6535	14.71	15.20	-	-
6695	14.47	14.92	-	-
6855	15.10	14.48	-	-

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 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	13.45	13.84	-	-
6165	8.82	10.18	-	-
6405	6.00	8.16	-	-
6445	5.89	7.77	-	-
6485	6.15	7.76	-	-
6525	6.09	6.76	-	-
6565	5.23	7.02	-	-
6685	4.95	5.35	-	-
6845	5.85	5.82	-	-

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 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	11.80	11.85	-	-
6145	6.19	5.91	-	-
6385	5.13	6.88	-	-
6465	4.83	5.17	-	-
6545	5.21	7.15	-	-
6625	6.14	6.64	-	-
6705	5.09	7.18	-	-
6785	5.78	7.19	-	-

Table 327 - 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	9.08	8.91	-	-
6185	6.96	7.10	-	-
6345	6.33	5.53	-	-
6505	7.14	8.41	-	-
6665	6.71	8.10	-	-

Table 328 - 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)	17.49	17.86	-	-
6175 (RU26.0)	17.74	18.10	-	-
6415 (RU26.8)	17.73	17.05	-	-
6435 (RU26.0)	17.33	16.99	-	-
6475 (RU26.0)	17.39	18.16	-	-
6515 (RU26.8)	17.59	17.13	-	-
6535 (RU26.0)	16.70	18.04	-	-
6695 (RU26.0)	17.46	18.12	-	-
6855 (RU26.8)	17.53	17.79	-	-

Table 329 - 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)	17.41	18.64	-	-
6175 (RU52.37)	18.07	17.95	-	-
6415 (RU52.40)	18.06	17.93	-	-
6435 (RU52.37)	17.18	18.04	-	-
6475 (RU52.37)	17.07	17.98	-	-
6515 (RU52.40)	17.80	15.96	-	-
6535 (RU52.37)	17.45	18.11	-	-
6695 (RU52.37)	18.35	17.52	-	-
6855 (RU52.40)	17.33	15.88	-	-

Table 330 - 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)	17.61	18.08	-	-
6175 (RU106.53)	17.75	18.09	-	-
6415 (RU106.54)	17.89	18.59	-	-
6435 (RU106.53)	18.17	16.85	-	-
6475 (RU106.53)	17.61	17.68	-	-
6515 (RU106.54)	17.45	17.65	-	-
6535 (RU106.53)	17.81	18.13	-	-
6695 (RU106.53)	17.65	18.05	-	-
6855 (RU106.54)	17.46	17.50	-	-

Table 331 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU VLP	15.76	6248.700
802.11ax HE40 SU VLP	10.05	6307.653
802.11ax HE80 SU VLP	8.07	6666.000
802.11ax HE160 SU VLP	6.93	6014.000

Table 332 - Unwanted Emissions Within the RLAN Band Summary Results

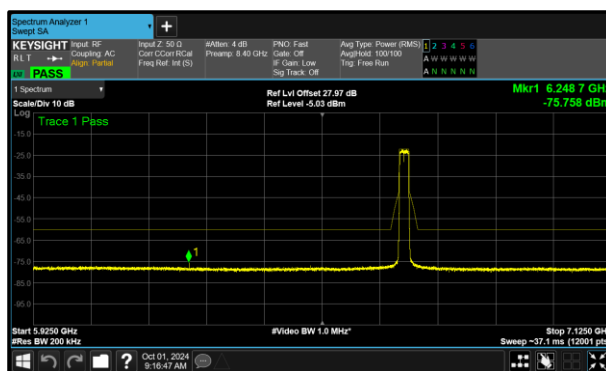


Figure 405 - B (Core 1) 802.11ax HE20 SU VLP 6695 MHz (CH149)

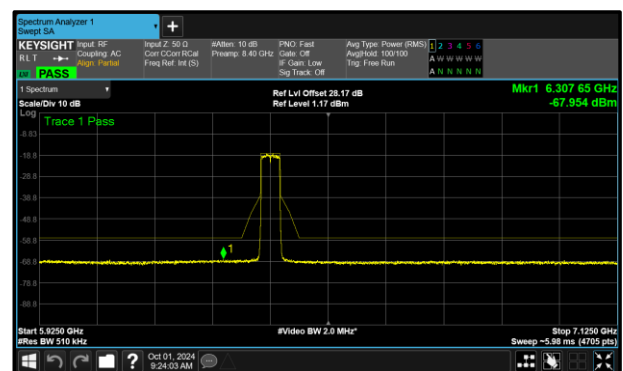


Figure 406 - A (Core 0) 802.11ax HE40 SU VLP 6405 MHz (CH91)

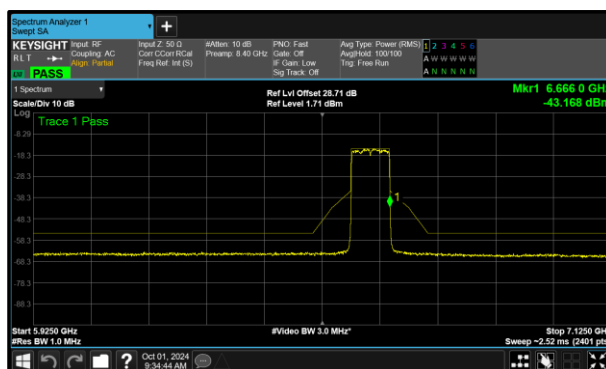


Figure 407 - A (Core 0) 802.11ax HE80 SU VLP 6625 MHz (CH135)

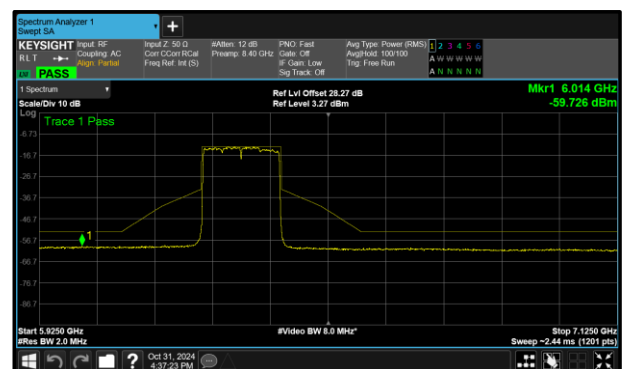


Figure 408 - A (Core 0) 802.11ax HE160 SU VLP 6345 MHz (CH79)



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

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6115	16.37	16.73	-	-
6275	16.23	16.39	-	-
6415	16.41	16.63	-	-
6535	16.01	16.57	-	-
6695	16.38	15.76	-	-
6855	16.08	16.27	-	-

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)(7)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE40 SU VLP	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6125	11.20	11.40	-	-
6285	11.09	10.31	-	-
6405	10.05	10.40	-	-
6565	10.57	11.30	-	-
6685	11.60	11.60	-	-
6805	10.77	10.96	-	-

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)(7)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE80 SU VLP	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6145	9.45	8.27	-	-
6305	9.02	8.80	-	-
6385	8.97	9.65	-	-
6625	8.07	8.61	-	-
6705	9.06	8.61	-	-
6785	9.59	9.87	-	-

Table 335 - Unwanted Emissions Within the Band Results

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

DUT Configuration			
Mode:	802.11ax HE160 SU VLP	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6185	8.29	8.33	-	-
6345	6.93	7.76	-	-
6665	8.28	8.95	-	-

Table 336 - Unwanted Emissions Within the Band Results



TxBF

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE40 SU LPI	8.89	6336.735
802.11ax HE80 SU LPI	8.48	6237.000

Table 337 - Unwanted Emissions Within the RLAN Band Summary Results

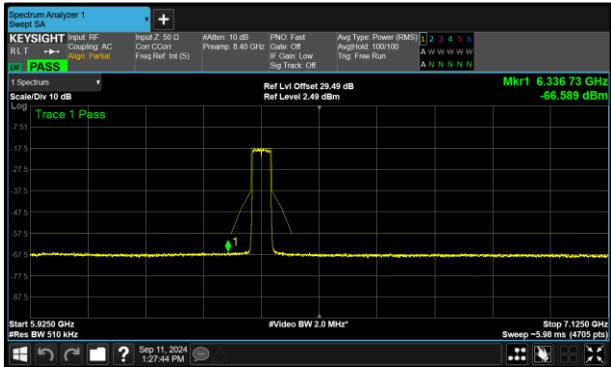


Figure 409 - B (Core 1) 802.11ax HE40 SU LPI
6405 MHz (CH91)

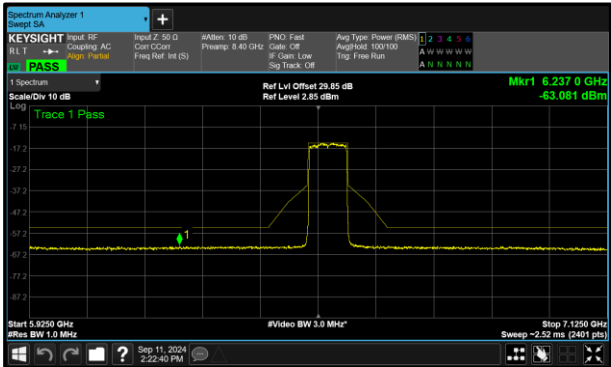


Figure 410 - A (Core 0) 802.11ax HE80 SU LPI
6545 MHz (CH119)



Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU SP	12.62	5992.400
802.11ax HE40 SU SP	11.23	6589.286
802.11ax HE80 SU SP	8.27	6257.500

Table 338 - Unwanted Emissions Within the RLAN Band Summary Results

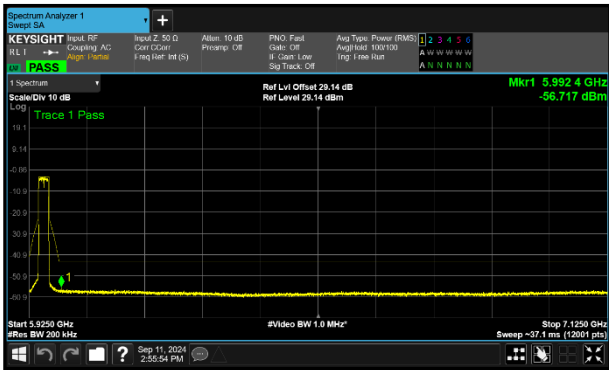


Figure 411 - A (Core 0) 802.11ax HE20 SU SP
5955 MHz (CH1)

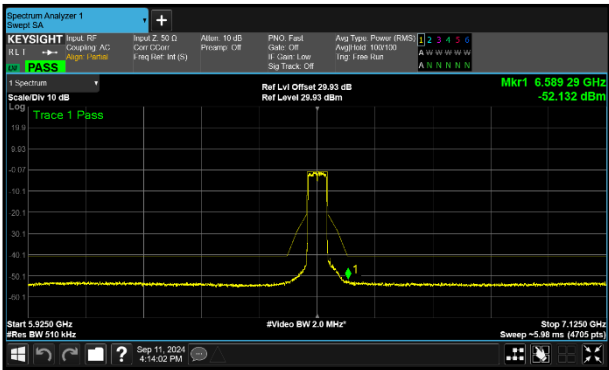


Figure 412 - A (Core 0) 802.11ax HE40 SU SP
6525 MHz (CH115)

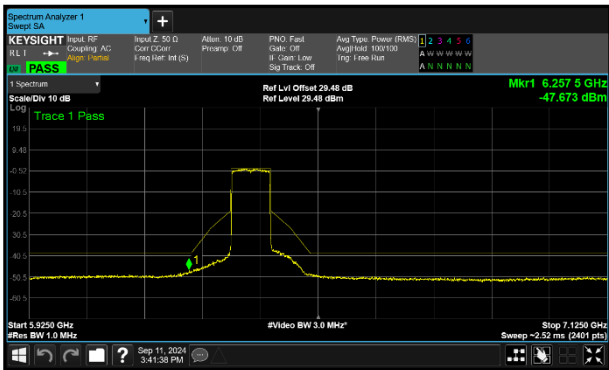


Figure 413 - B (Core 1) 802.11ax HE80 SU SP
6385 MHz (CH87)



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	10.60	10.95	-	-
6365	10.02	9.19	-	-
6405	9.90	8.89	-	-
6445	10.00	9.74	-	-
6485	9.76	9.82	-	-
6925	12.02	10.66	-	-
7005	10.12	10.18	-	-
7085	9.97	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:	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	10.33	10.73	-	-
6145	9.43	9.72	-	-
6385	10.75	9.72	-	-
6465	8.68	9.00	-	-
6545	8.48	9.17	-	-
6625	8.48	8.79	-	-
6705	8.56	9.01	-	-
6785	9.62	10.17	-	-
6865	10.10	10.45	-	-
6945	10.34	9.37	-	-
7025	10.01	10.12	-	-

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	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	12.62	14.08	-	-
6175	13.90	14.11	-	-
6415	14.05	14.23	-	-
6435	13.60	14.39	-	-
6475	12.99	13.95	-	-
6515	13.41	14.09	-	-
6535	12.65	13.95	-	-
6695	13.87	14.10	-	-
6855	13.26	13.21	-	-

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	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	12.93	13.67	-	-
6165	12.14	12.66	-	-
6405	12.26	12.23	-	-
6445	12.04	11.92	-	-
6485	12.33	12.22	-	-
6525	11.23	12.56	-	-
6565	12.55	11.47	-	-
6685	12.08	11.90	-	-
6845	11.66	11.55	-	-

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	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	9.57	9.80	-	-
6145	9.54	9.96	-	-
6385	8.96	8.27	-	-
6465	8.52	9.02	-	-
6545	9.55	10.01	-	-
6625	8.82	9.15	-	-
6705	9.47	9.44	-	-
6785	9.26	9.55	-	-

Table 343 - 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
1500VA AC 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
MXA Signal Analyser	Keysight Technologies	N9020B	6419	24	28-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	6517	12	22-Feb-2025
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	6526	12	22-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6527	12	05-Mar-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
AC Programmable Power Supply	iTech	IT7324	6665	-	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 344

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



2.9 Contention Based Protocol

2.9.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (d)(6)

2.9.2 Equipment Under Test and Modification State

A3185, S/N: LFV559F6QK - Modification State 0

2.9.3 Date of Test

05-August-2024

2.9.4 Test Method

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

The AWGN signal level was initially set at a level much less than the required threshold level ($\ll -62$ dBm) it was verified at this point that transmissions from the device under test (DUT) were present. The signal level was gradually increased until it was observed that the DUT continuously ceased transmissions with the AWGN signal present, i.e. no partial transmissions other than short control signalling transmissions.

The AWGN Signal level recorded is the level in to the DUT's receiver, corrected for all cable losses. The minimum antenna gain value was then used to correct the level as described in KDB 987594 D04.

Timing plots showing verification that transmissions from the DUT responded to the interferer have been included in the test results below.

2.9.5 Test Setup Diagram

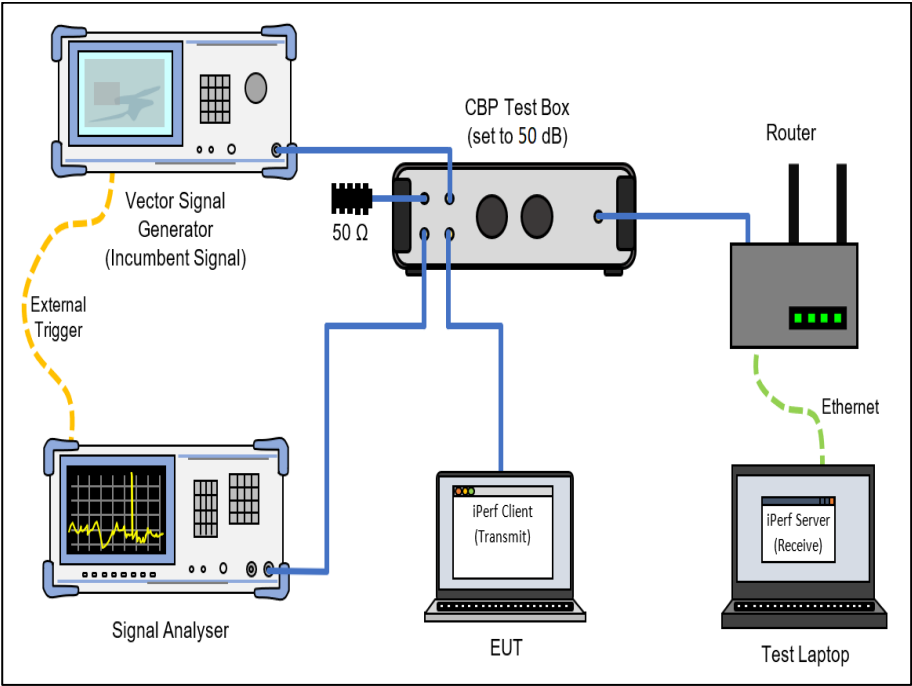


Figure 414 - Test Equipment Setup Diagram

2.9.6 Environmental Conditions

Ambient Temperature	24.9 °C
Relative Humidity	36.8 %



2.9.7 Test Results

6 GHz WLAN

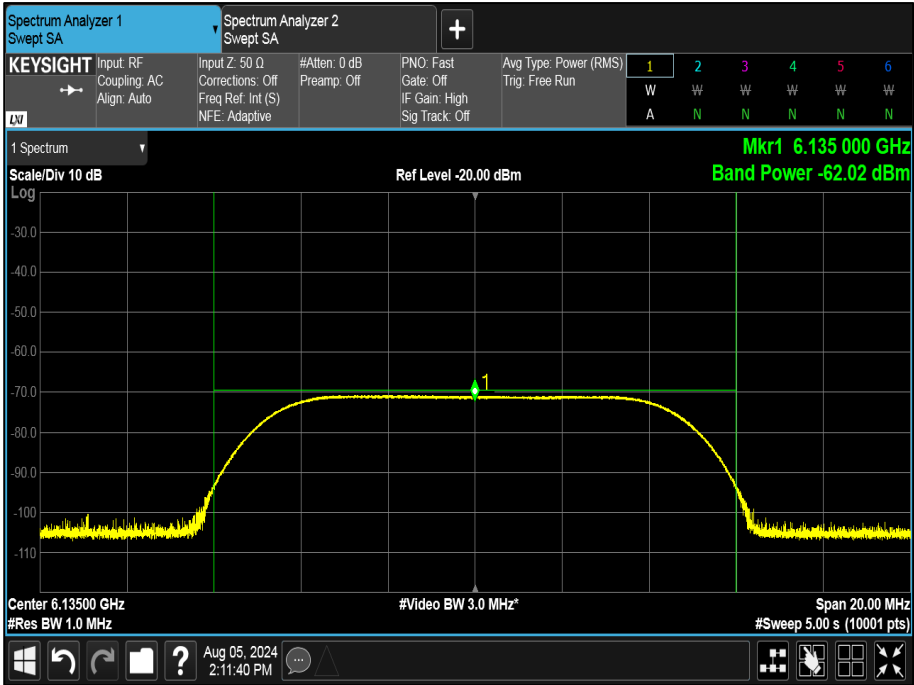


Figure 415 - Example of AWGN Signal



Parameter	Results		
U-NII Band	5	5	5
Channel Number	37	37	37
Bandwidth (MHz)	20	20	20
DUT Centre Frequency (MHz)	6135	6135	6135
AWGN Centre Frequency (MHz)	6135	6135	6135
AWGN Signal Power (dBm)	-70.41	-69.81	-65.59
Antenna Gain (dBi)	1.10	1.10	1.10
Adjusted Power (dBm)	-71.51	-70.91	-66.69
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 345 - U-NII-5, Minimum Bandwidth

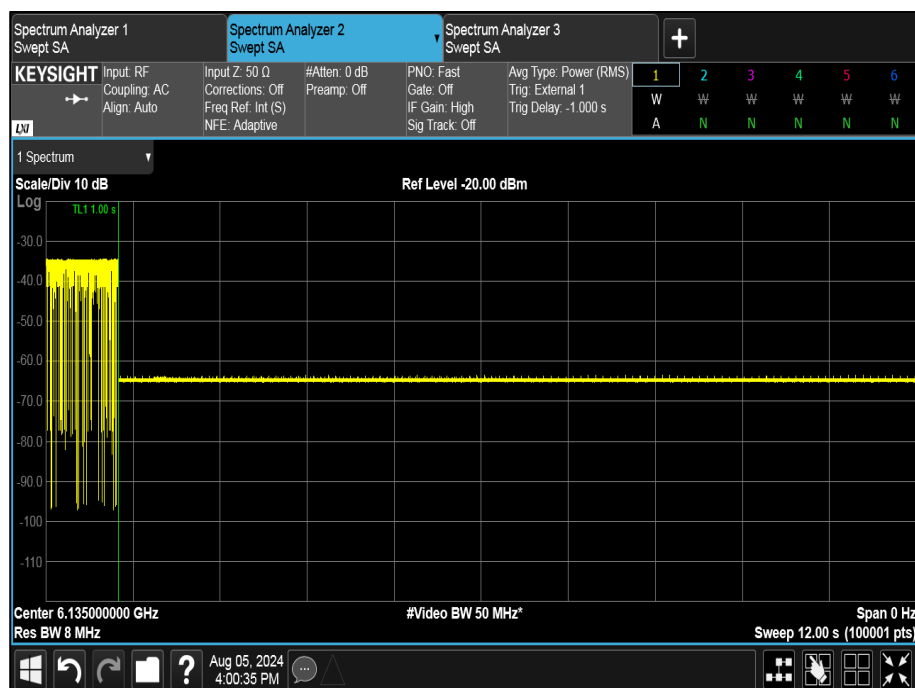


Figure 416 - U-NII-5, Minimum Bandwidth