



Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU SP	13.29	6822.800
802.11ax HE40 SU SP	4.02	6613.780
802.11ax HE80 SU SP	4.30	6553.500
802.11ax HE160 SU SP	4.87	5929.000

Table 745 - Unwanted Emissions Within the RLAN Band Summary Results

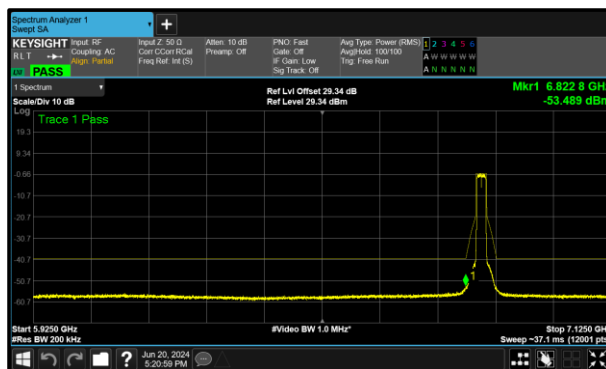


Figure 254 - B (Core 1) 802.11ax HE20 SU SP
6855 MHz (CH181)

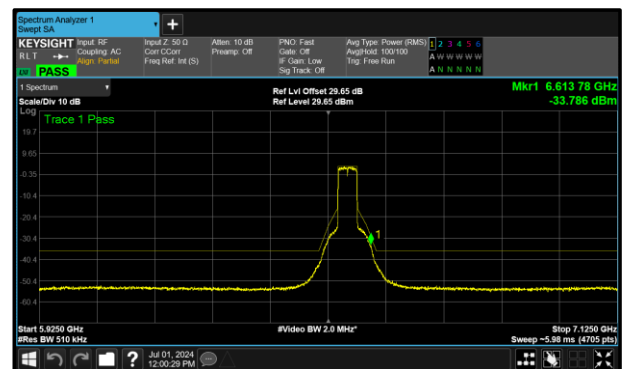


Figure 255 - B (Core 1) 802.11ax HE40 SU SP
6565 MHz (CH123)

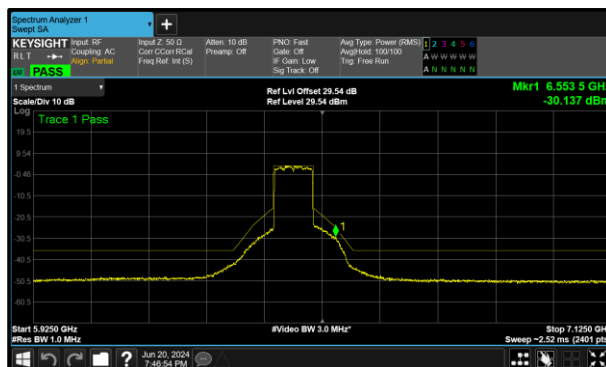


Figure 256 - A (Core 0) 802.11ax HE80 SU SP
6465 MHz (CH103)

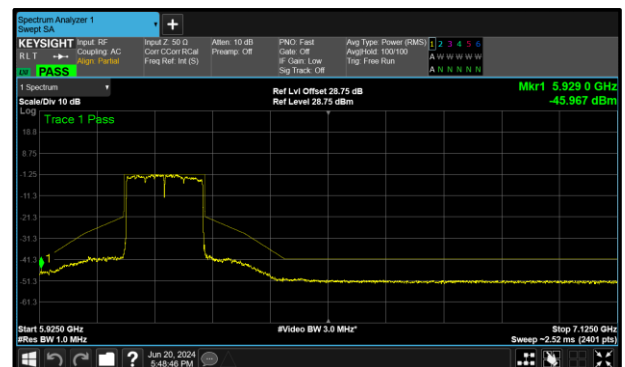


Figure 257 - A (Core 0) 802.11ax HE160 SU SP
6185 MHz (CH47)



Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 SP	16.24	6032.200
802.11ax HE20 RU26 SP	16.17	6098.200
802.11ax HE20 RU52 SP	16.35	6425.700

Table 746 - Unwanted Emissions Within the RLAN Band Summary Results

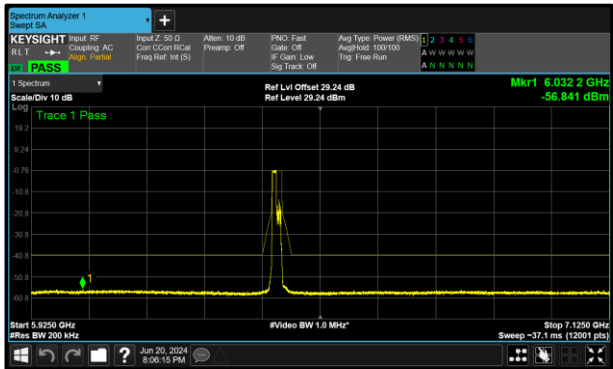


Figure 258 - B (Core 1) 802.11ax HE20 RU106 SP
6435 MHz (CH97)

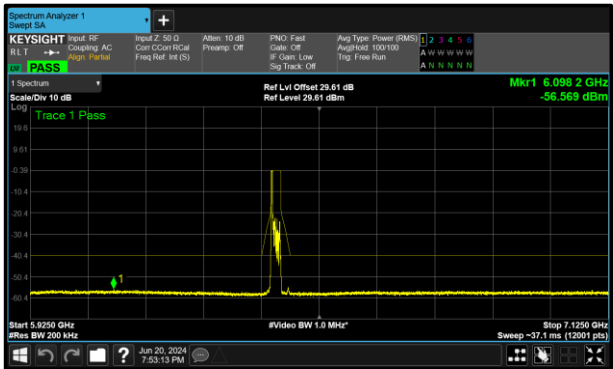


Figure 259 - B (Core 1) 802.11ax HE20 RU26 SP
6435 MHz (CH97)

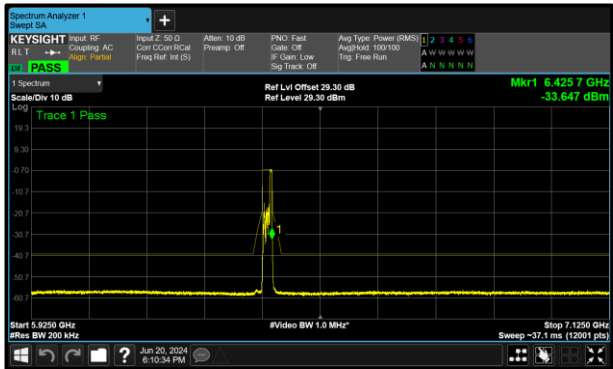


Figure 260 - B (Core 1) 802.11ax HE20 RU52 SP
6415 MHz (CH93)



Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5-7
Limit Clause(s):	15.407(b)	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	16.59	16.33	-	-
6175	13.84	14.46	-	-
6415	15.32	15.51	-	-
6435	15.97	14.93	-	-
6475	15.49	15.70	-	-
6515	15.70	15.50	-	-
6535	15.09	15.57	-	-
6695	14.31	15.40	-	-
6855	14.78	13.29	-	-

Table 747 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5-7
Limit Clause(s):	15.407(b)	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	11.36	10.70	-	-
6165	7.76	9.58	-	-
6405	6.51	6.51	-	-
6445	7.52	7.34	-	-
6485	6.97	8.43	-	-
6525	7.80	8.56	-	-
6565	4.45	4.02	-	-
6685	6.59	7.59	-	-
6845	7.28	6.35	-	-

Table 748 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5-7
Limit Clause(s):	15.407(b)	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	9.34	9.98	-	-
6145	6.75	7.05	-	-
6385	6.01	6.15	-	-
6465	4.30	5.17	-	-
6545	4.88	4.59	-	-
6625	5.05	5.68	-	-
6705	6.05	5.21	-	-
6785	4.88	5.78	-	-

Table 749 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5-7
Limit Clause(s):	15.407(b)	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	8.98	8.15	-	-
6185	4.87	5.93	-	-
6345	5.33	5.68	-	-
6505	6.48	6.54	-	-
6665	7.05	7.31	-	-

Table 750 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5-7
Limit Clause(s):	15.407(b)	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)	18.62	17.28	-	-
6175 (RU26.0)	18.13	17.49	-	-
6415 (RU26.8)	17.16	16.59	-	-
6435 (RU26.0)	16.17	16.81	-	-
6475 (RU26.0)	16.33	16.89	-	-
6515 (RU26.8)	16.96	16.28	-	-
6535 (RU26.0)	17.22	16.73	-	-
6695 (RU26.0)	17.07	17.33	-	-
6855 (RU26.8)	16.89	16.36	-	-

Table 751 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5-7
Limit Clause(s):	15.407(b)	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)	18.59	18.10	-	-
6175 (RU52.37)	18.23	17.68	-	-
6415 (RU52.40)	16.69	16.35	-	-
6435 (RU52.37)	16.77	16.63	-	-
6475 (RU52.37)	16.89	16.57	-	-
6515 (RU52.40)	16.92	16.62	-	-
6535 (RU52.37)	17.16	16.92	-	-
6695 (RU52.37)	17.04	17.29	-	-
6855 (RU52.40)	17.12	16.60	-	-

Table 752 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5925 MHz - 6875 MHz	Band:	U-NII-5-7
Limit Clause(s):	15.407(b)	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)	18.56	17.74	-	-
6175 (RU106.53)	18.07	17.43	-	-
6415 (RU106.54)	16.89	16.79	-	-
6435 (RU106.53)	16.78	16.24	-	-
6475 (RU106.53)	16.96	16.37	-	-
6515 (RU106.54)	17.19	16.75	-	-
6535 (RU106.53)	17.04	16.53	-	-
6695 (RU106.53)	17.04	17.10	-	-
6855 (RU106.54)	16.99	16.43	-	-

Table 753 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU VLP	8.13	6393.100
802.11ax HE40 SU VLP	3.69	6730.870
802.11ax HE80 SU VLP	4.10	5973.000
802.11ax HE160 SU VLP	4.06	5940.000

Table 754 - Unwanted Emissions Within the RLAN Band Summary Results

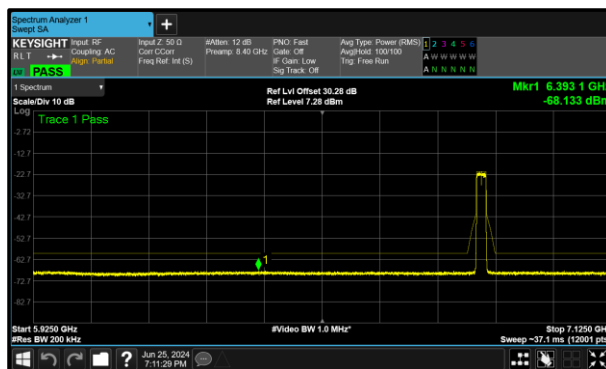


Figure 261 - A (Core 0) 802.11ax HE20 SU VLP
6855 MHz (CH181)

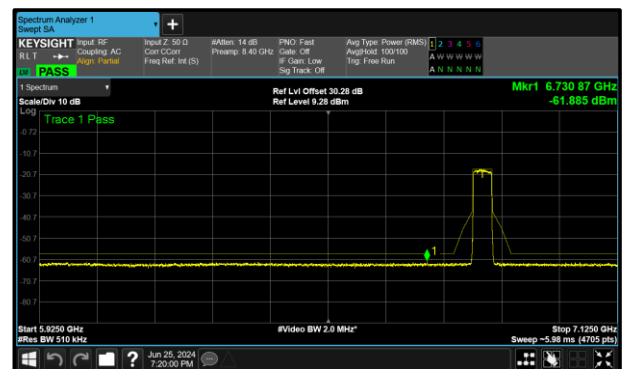


Figure 262 - A (Core 0) 802.11ax HE40 SU VLP
6845 MHz (CH179)

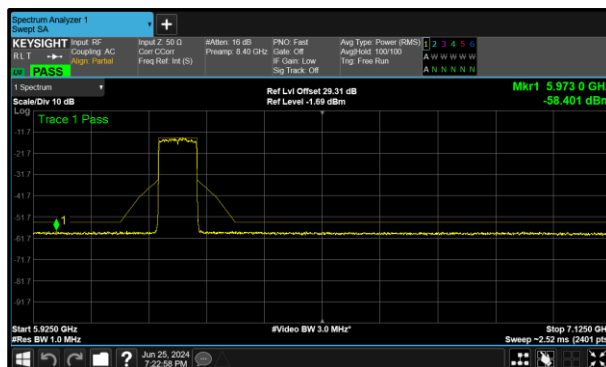


Figure 263 - B (Core 1) 802.11ax HE80 SU VLP
6225 MHz (CH55)

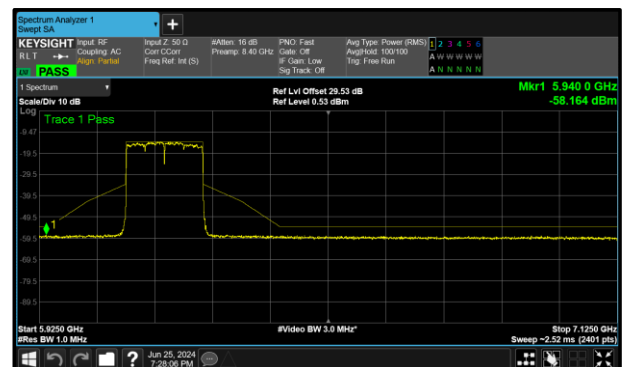


Figure 264 - A (Core 0) 802.11ax HE160 SU VLP
6185 MHz (CH47)



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:	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	9.27	9.47	-	-
6255	8.83	8.80	-	-
6415	8.41	8.71	-	-
6535	8.26	8.72	-	-
6695	8.27	8.98	-	-
6855	8.13	8.63	-	-

Table 755 - 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	3.81	3.80	-	-
6245	4.25	3.97	-	-
6405	4.87	4.56	-	-
6565	10.15	11.52	-	-
6685	10.78	10.37	-	-
6845	3.69	4.65	-	-

Table 756 - 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	4.40	4.47	-	-
6225	4.64	4.10	-	-
6385	9.72	9.52	-	-
6625	8.76	9.58	-	-
6705	9.74	9.11	-	-
6785	9.62	9.28	-	-

Table 757 - 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	4.06	4.46	-	-
6345	8.05	8.17	-	-
6665	6.86	8.28	-	-

Table 758 - Unwanted Emissions Within the Band Results



TxBF

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 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
5965	11.10	10.98	-	-
6125	11.04	11.86	-	-
6245	10.69	11.90	-	-

Table 759 - Unwanted Emissions Within the Band Results

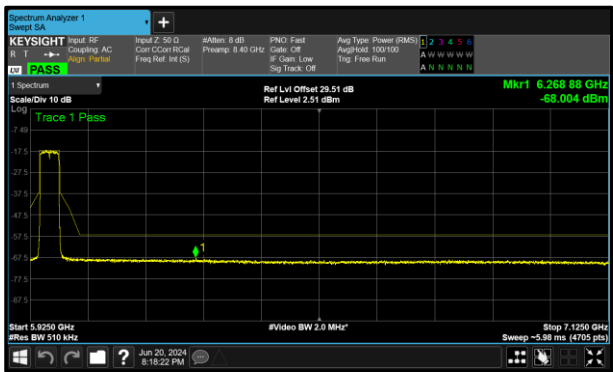


Figure 265 - A (Core 0) 5965 MHz (CH3)

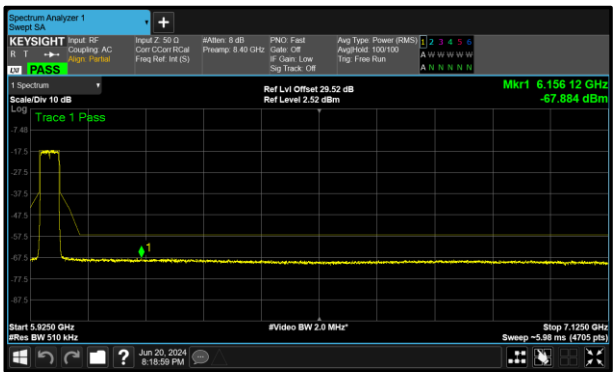


Figure 266 - B (Core 1) 5965 MHz (CH3)

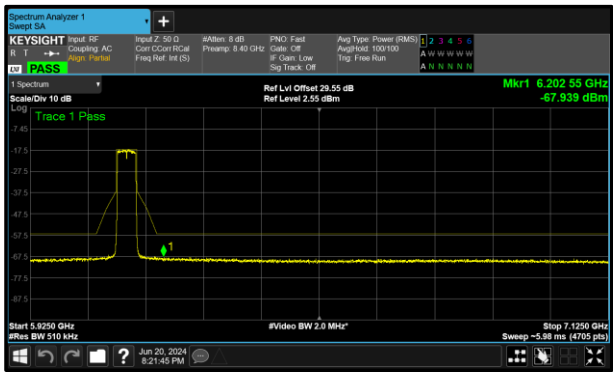


Figure 267 - A (Core 0) 6125 MHz (CH35)

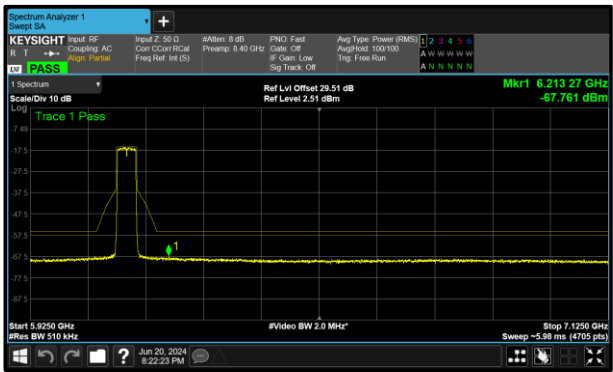


Figure 268 - B (Core 1) 6125 MHz (CH35)

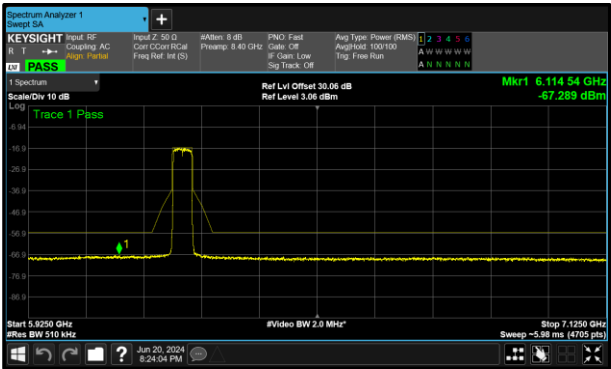


Figure 269 - A (Core 0) 6245 MHz (CH59)

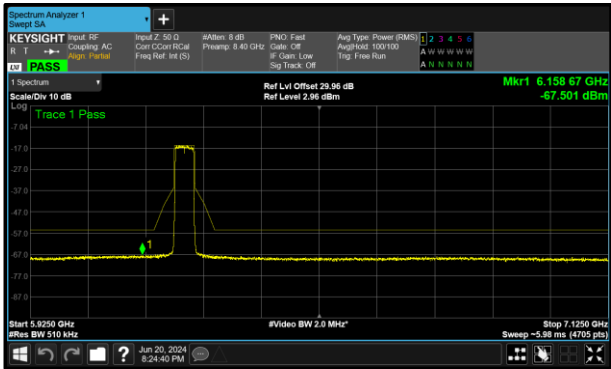


Figure 270 - B (Core 1) 6245 MHz (CH59)



Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5, U-NII-6, U-NII-7, U-NII-8
Limit Clause(s):	15.407(b)	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	9.08	8.80	-	-
6145	8.34	9.43	-	-
6385	7.73	10.66	-	-
6465	9.85	10.15	-	-
6545	10.03	9.89	-	-
6625	9.06	10.33	-	-
6705	10.37	11.52	-	-
6785	10.38	11.85	-	-
6865	10.75	10.82	-	-
6945	9.75	9.68	-	-
7025	10.35	10.23	-	-

Table 760 - Unwanted Emissions Within the Band Results

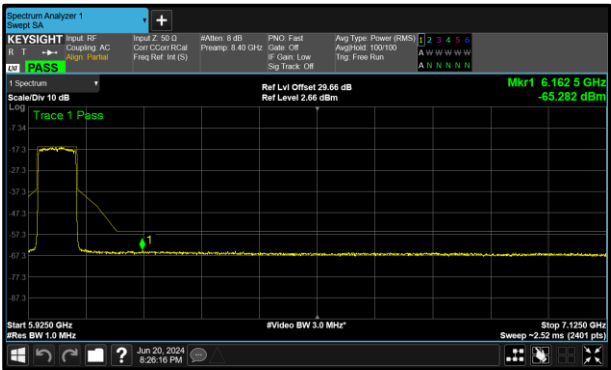


Figure 271 - A (Core 0) 5985 MHz (CH7)

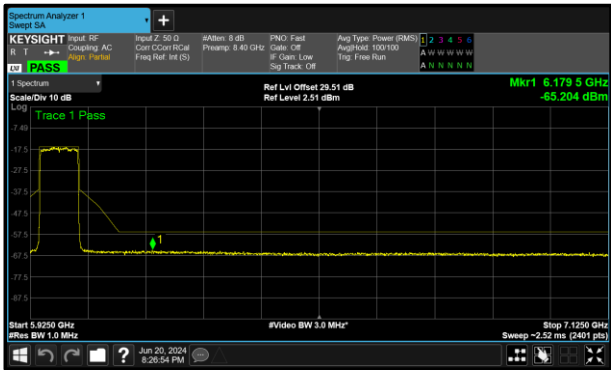


Figure 272 - B (Core 1) 5985 MHz (CH7)

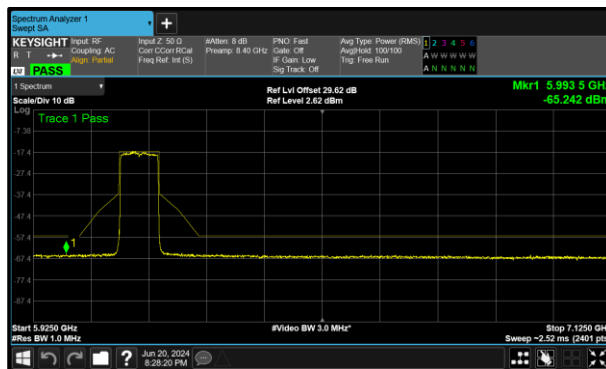


Figure 273 - A (Core 0) 6145 MHz (CH39)

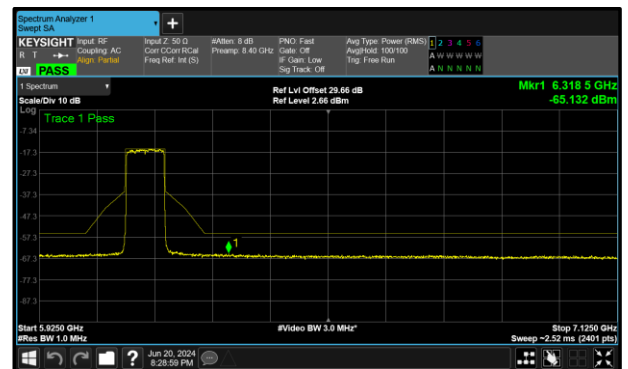


Figure 274 - B (Core 1) 6145 MHz (CH39)

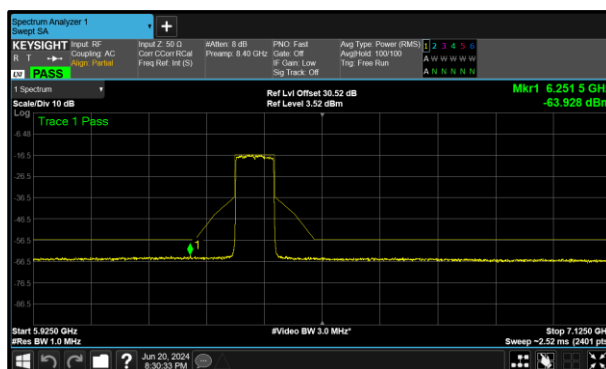


Figure 275 - A (Core 0) 6385 MHz (CH87)

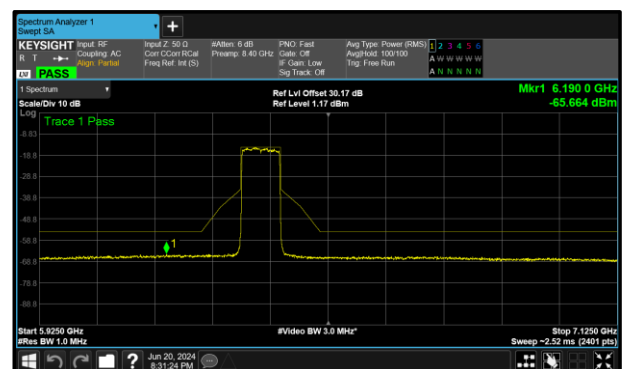


Figure 276 - B (Core 1) 6385 MHz (CH87)

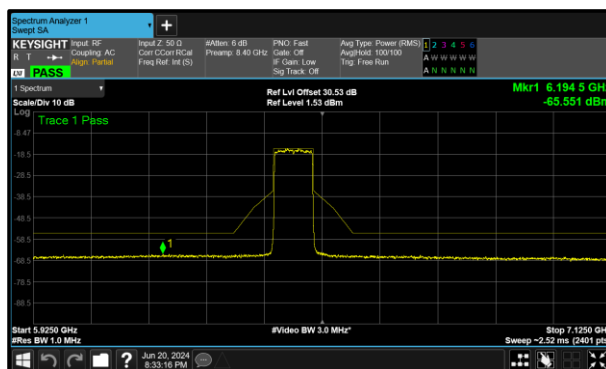


Figure 277 - A (Core 0) 6465 MHz (CH103)

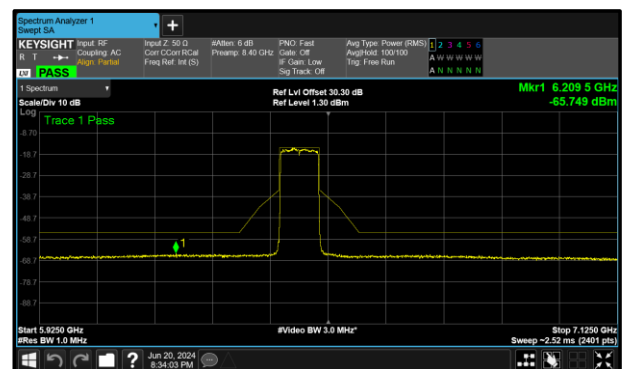
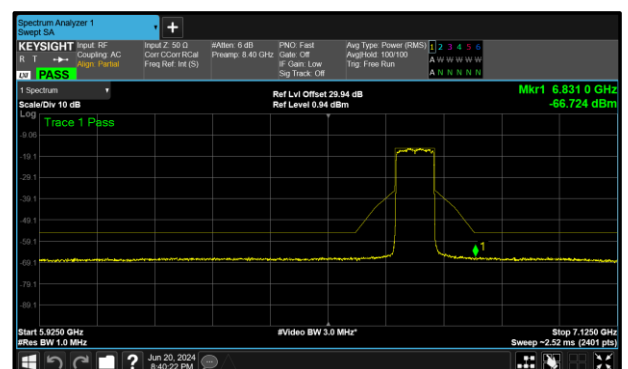
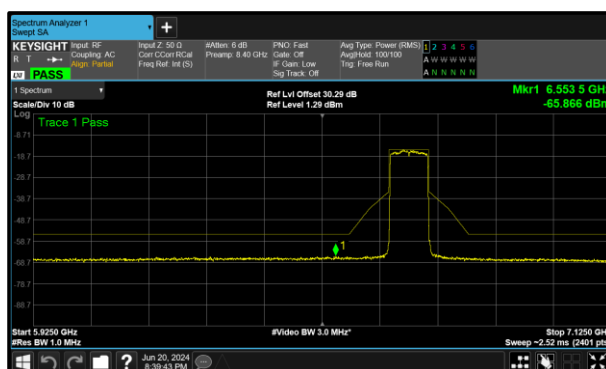
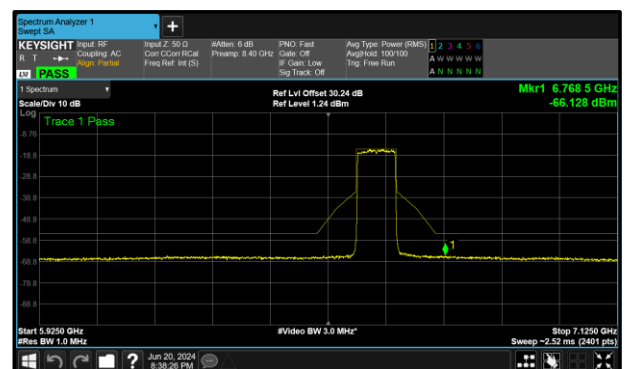
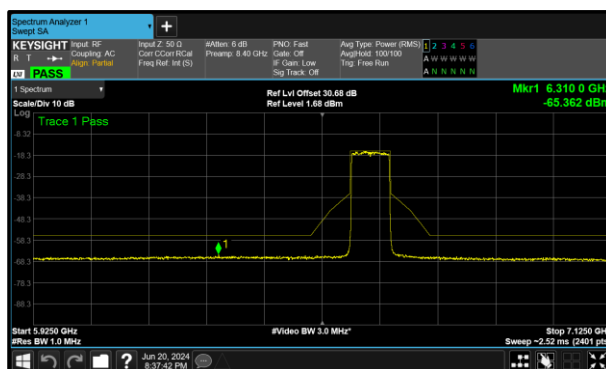
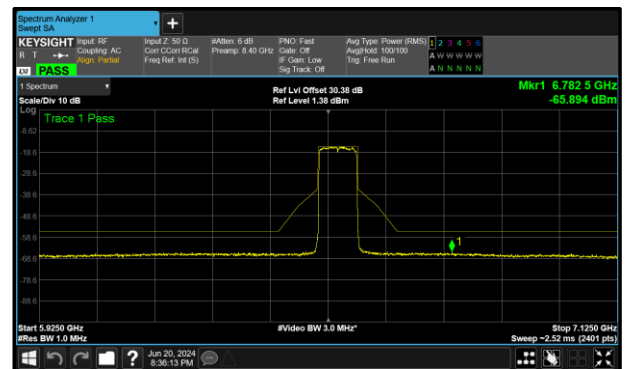
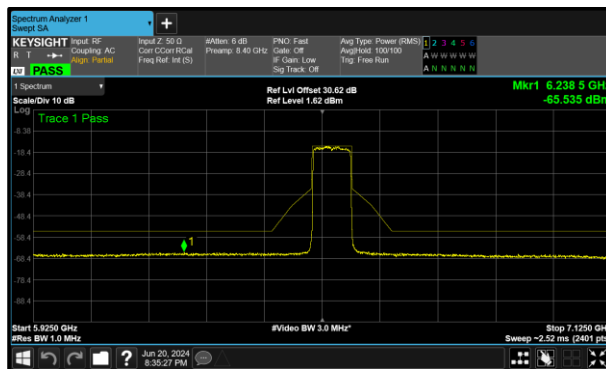


Figure 278 - B (Core 1) 6465 MHz (CH103)



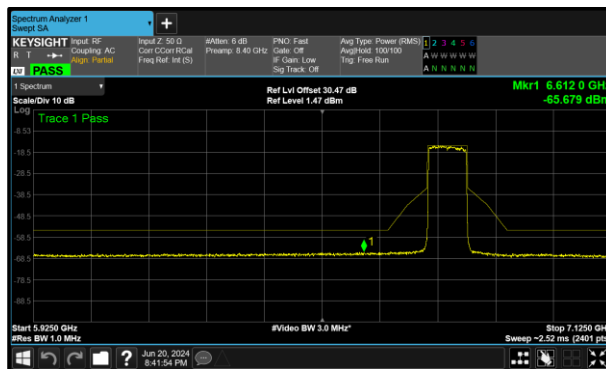


Figure 285 - A (Core 0) 6785 MHz (CH167)

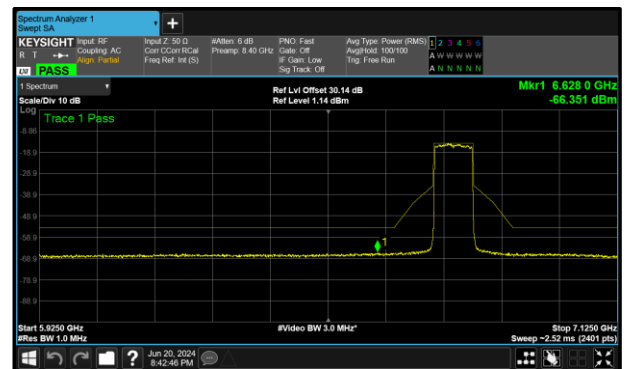


Figure 286 - B (Core 1) 6785 MHz (CH167)

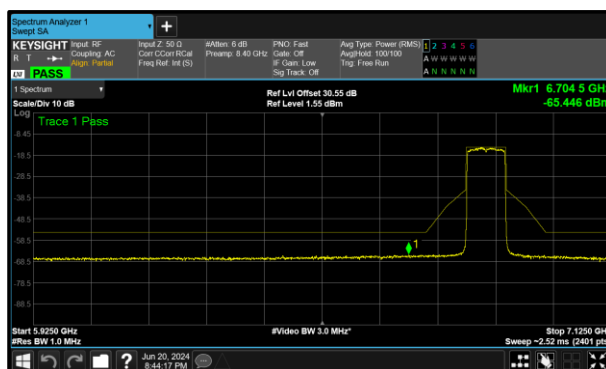


Figure 287 - A (Core 0) 6865 MHz (CH183)

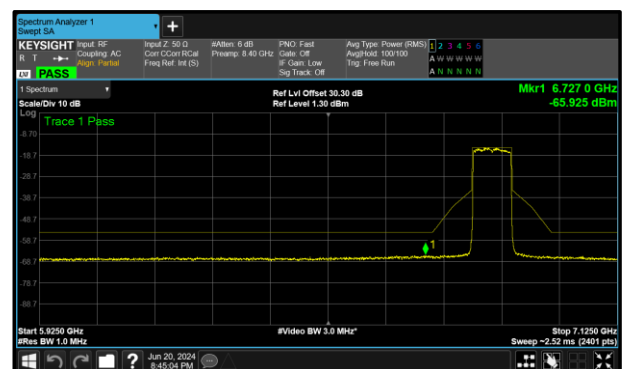


Figure 288 - B (Core 1) 6865 MHz (CH183)



Figure 289 - A (Core 0) 6945 MHz (CH199)

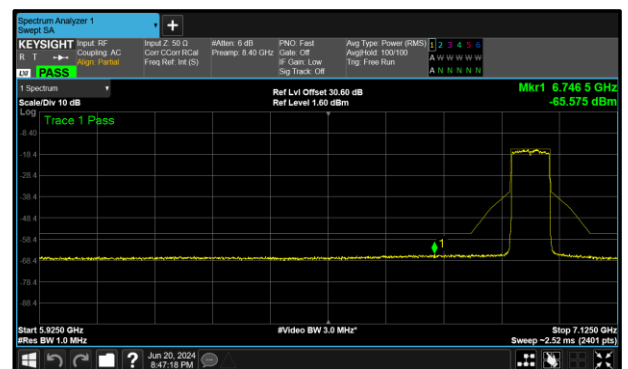


Figure 290 - B (Core 1) 6945 MHz (CH199)

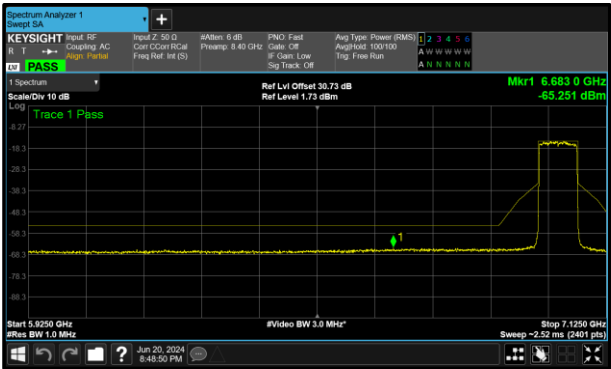


Figure 291 - A (Core 0) 7025 MHz (CH215)

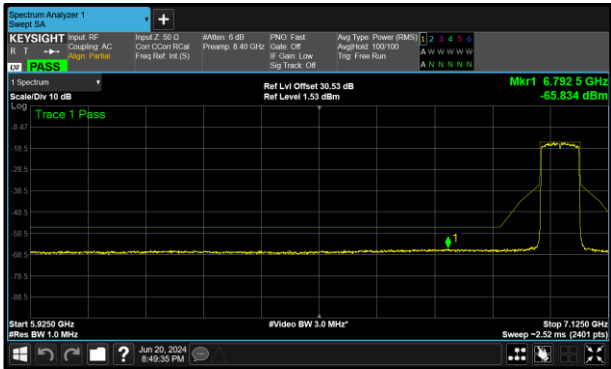


Figure 292 - B (Core 1) 7025 MHz (CH215)



Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5, U-NII-6, U-NII-7
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax 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	16.82	15.34	-	-
6175	15.29	14.57	-	-
6415	15.63	14.30	-	-
6435	15.73	14.27	-	-
6475	15.84	13.97	-	-
6515	16.19	14.38	-	-
6535	15.90	14.54	-	-
6695	15.77	15.11	-	-
6855	15.38	14.58	-	-

Table 761 - Unwanted Emissions Within the Band Results

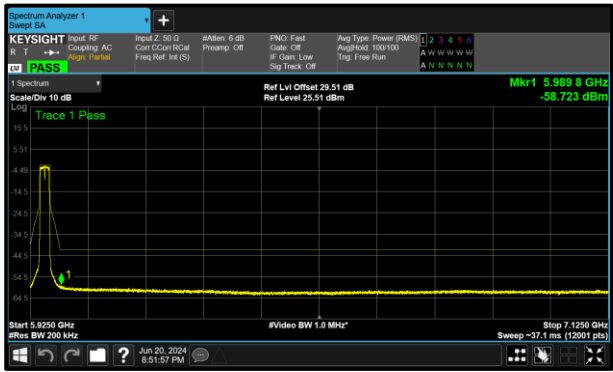


Figure 293 - A (Core 0) 5955 MHz (CH1)

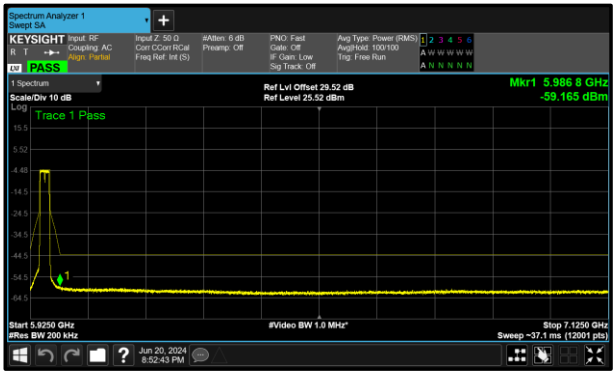


Figure 294 - B (Core 1) 5955 MHz (CH1)

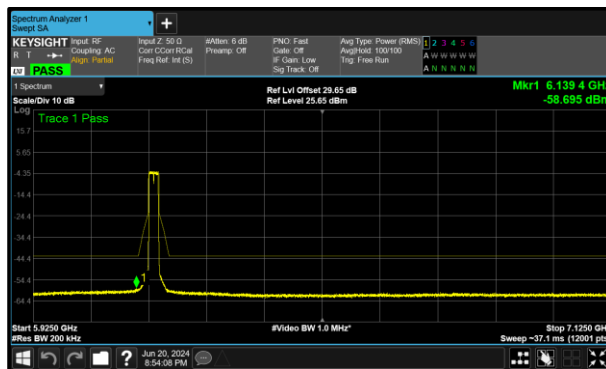


Figure 295 - A (Core 0) 6175 MHz (CH45)

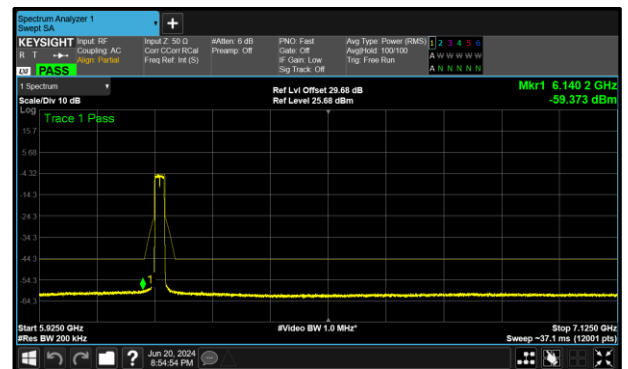


Figure 296 - B (Core 1) 6175 MHz (CH45)

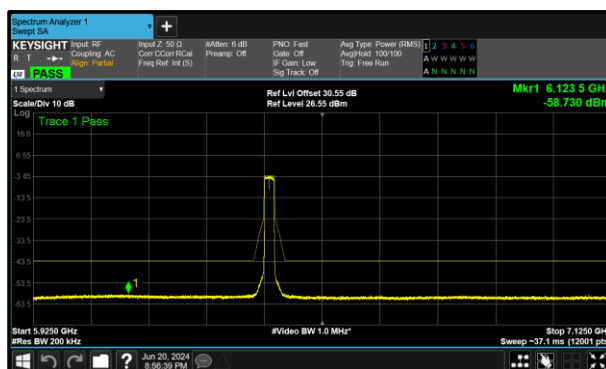


Figure 297 - A (Core 0) 6415 MHz (CH93)

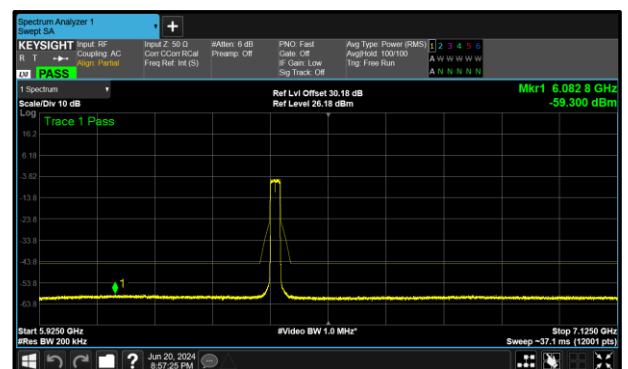


Figure 298 - B (Core 1) 6415 MHz (CH93)

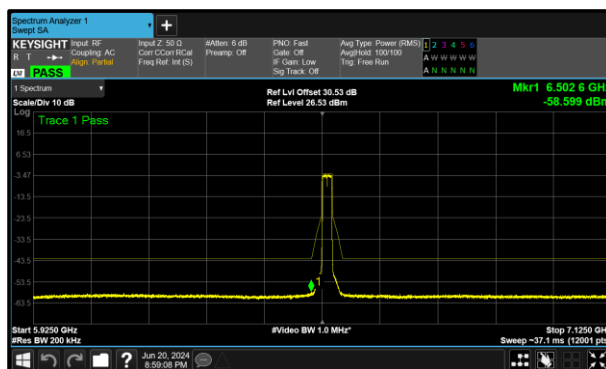


Figure 299 - A (Core 0) 6535 MHz (CH117)

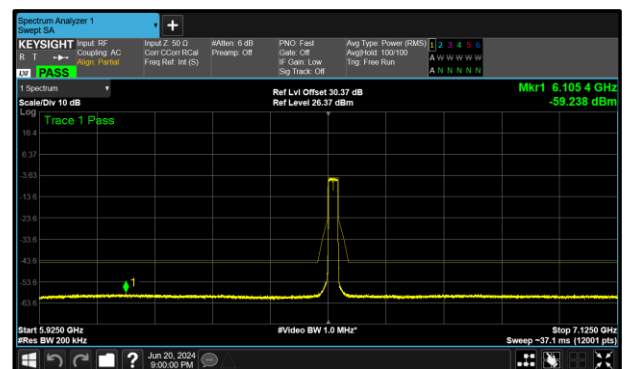


Figure 300 - B (Core 1) 6535 MHz (CH117)

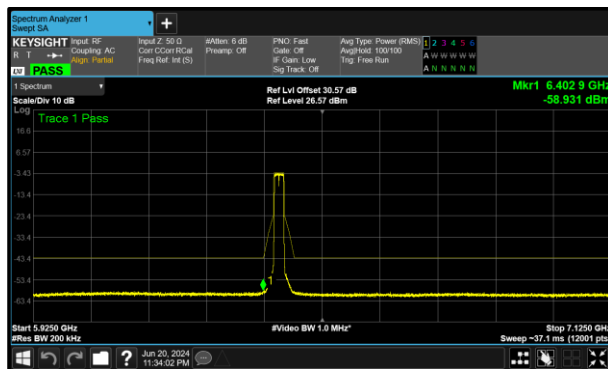


Figure 301 - A (Core 0) 6435 MHz (CH97)

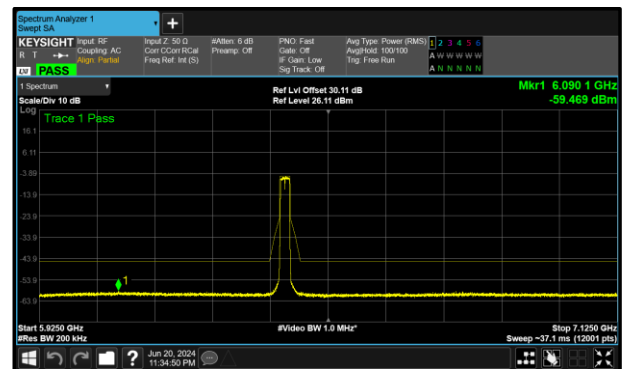


Figure 302 - B (Core 1) 6435 MHz (CH97)

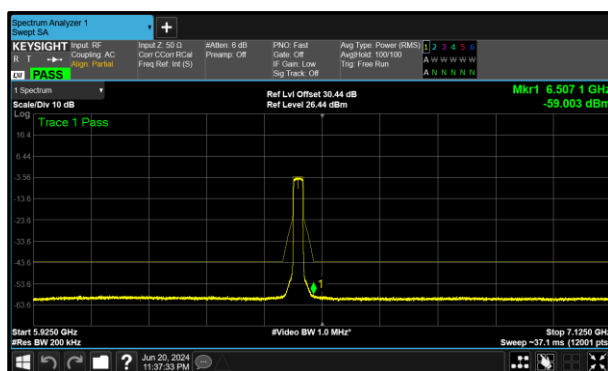


Figure 303 - A (Core 0) 6475 MHz (CH105)

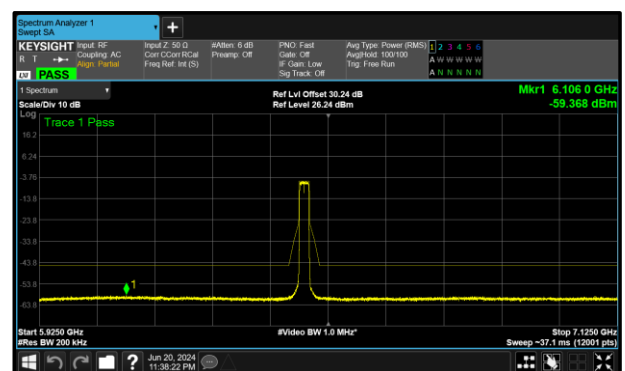


Figure 304 - B (Core 1) 6475 MHz (CH105)

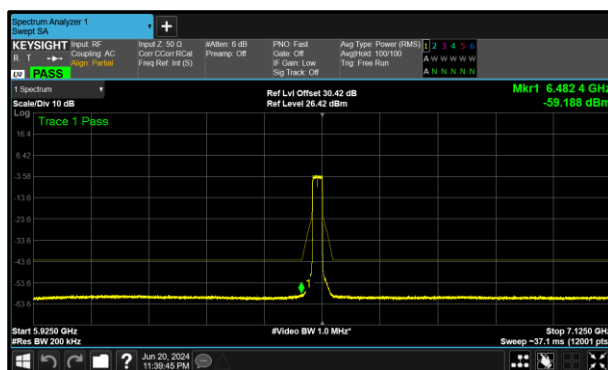


Figure 305 - A (Core 0) 6515 MHz (CH113)

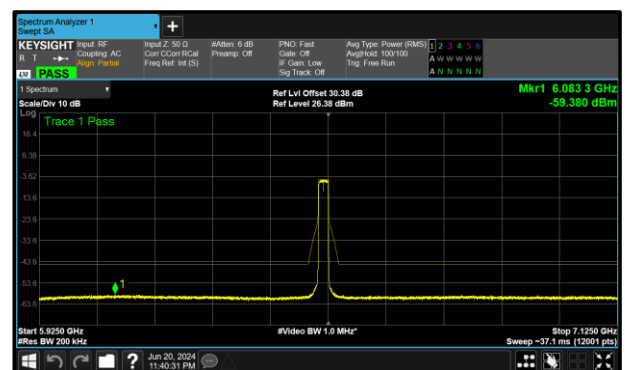


Figure 306 - B (Core 1) 6515 MHz (CH113)

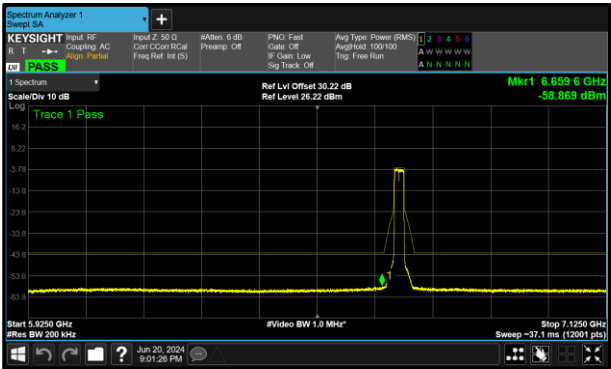


Figure 307 - A (Core 0) 6695 MHz (CH149)

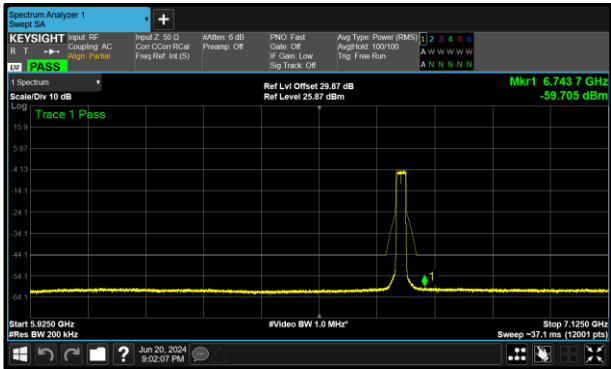


Figure 308 - B (Core 1) 6695 MHz (CH149)

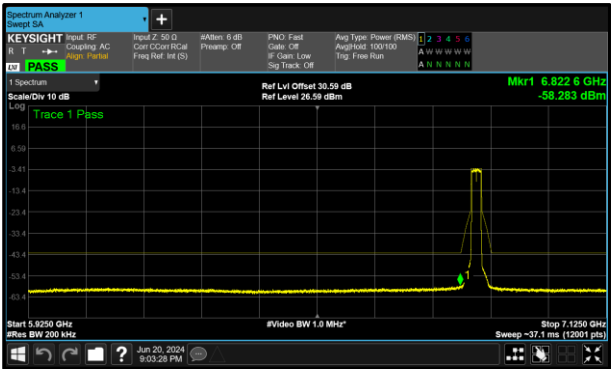


Figure 309 - A (Core 0) 6855 MHz (CH181)

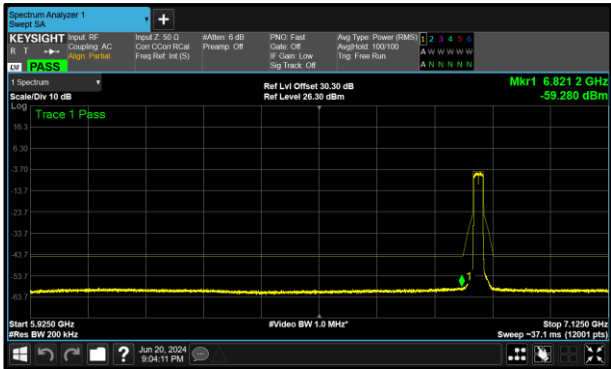


Figure 310 - B (Core 1) 6855 MHz (CH181)



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

DUT Configuration			
Mode:	802.11ax 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	16.04	14.63	-	-
6165	13.50	14.57	-	-
6405	13.69	13.54	-	-
6445	14.22	13.25	-	-
6485	13.76	13.27	-	-
6525	14.64	13.77	-	-
6565	14.07	13.80	-	-
6685	14.80	14.32	-	-
6845	14.09	13.70	-	-

Table 762 - Unwanted Emissions Within the Band Results

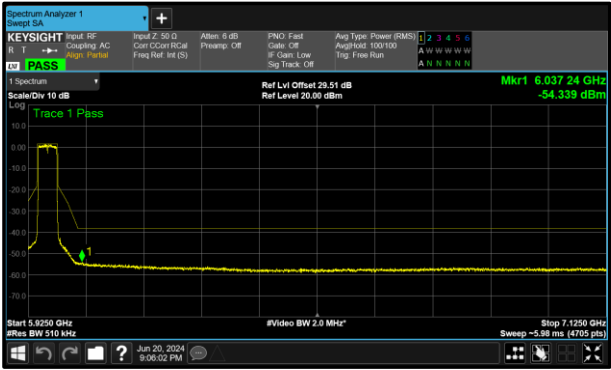


Figure 311 - A (Core 0) 5965 MHz (CH3)

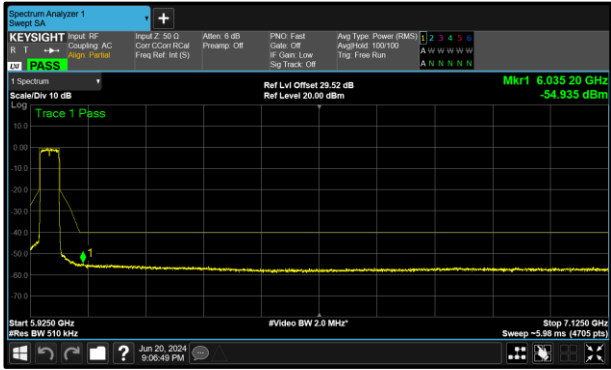


Figure 312 - B (Core 1) 5965 MHz (CH3)

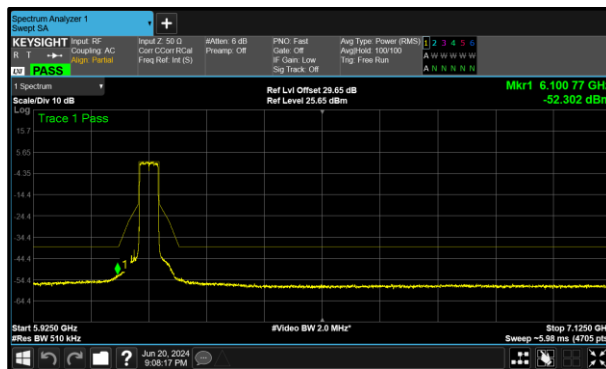


Figure 313 - A (Core 0) 6165 MHz (CH43)

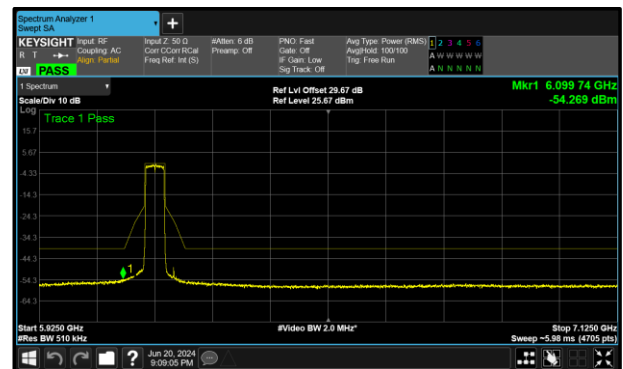


Figure 314 - B (Core 1) 6165 MHz (CH43)

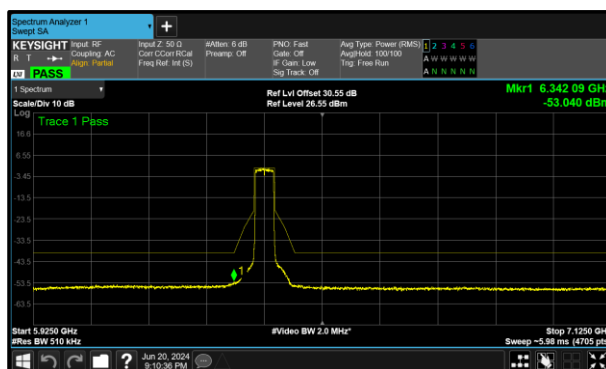


Figure 315 - A (Core 0) 6405 MHz (CH91)

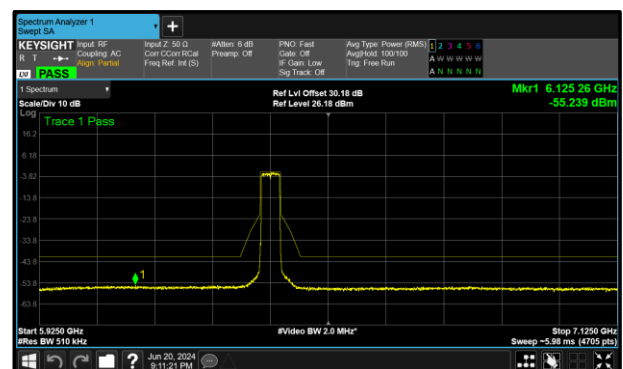


Figure 316 - B (Core 1) 6405 MHz (CH91)

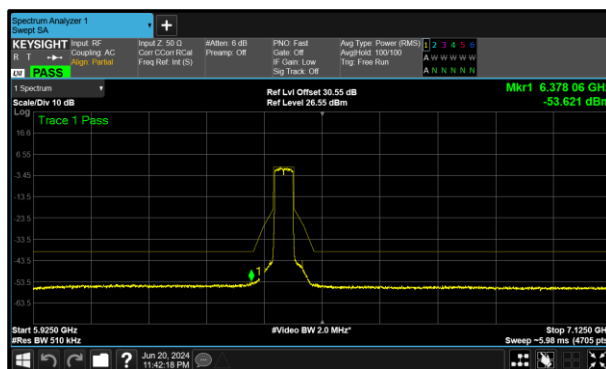


Figure 317 - A (Core 0) 6445 MHz (CH99)

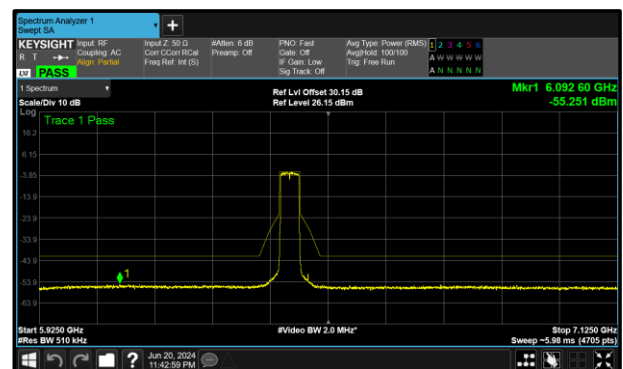


Figure 318 - B (Core 1) 6445 MHz (CH99)

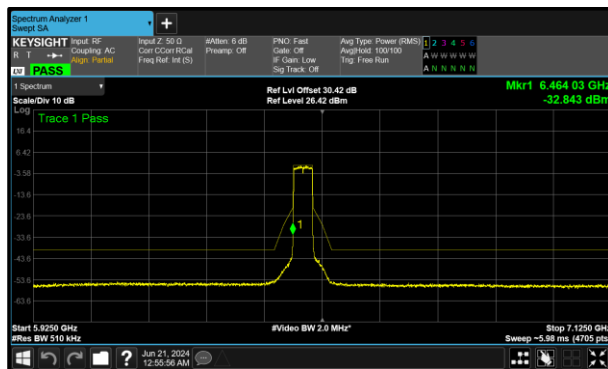


Figure 319 - A (Core 0) 6485 MHz (CH107)

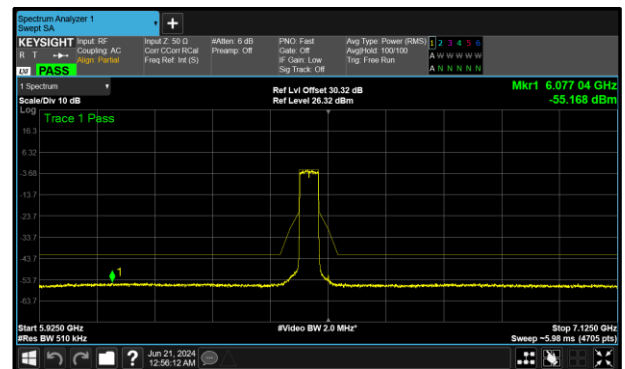


Figure 320 - B (Core 1) 6485 MHz (CH107)

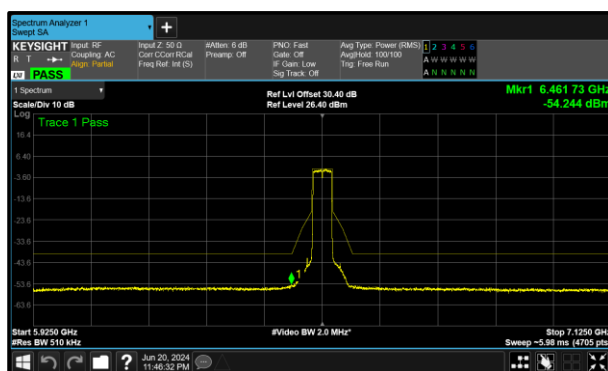


Figure 321 - A (Core 0) 6525 MHz (CH115)

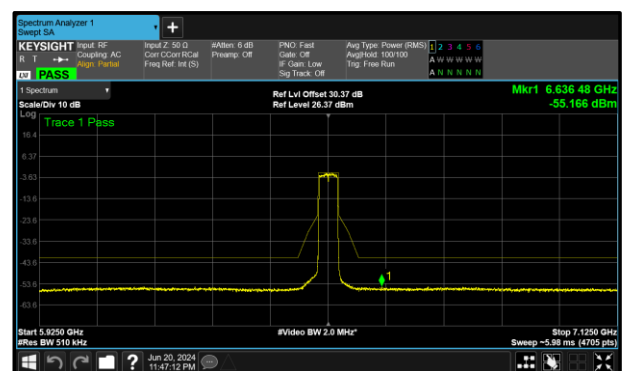


Figure 322 - B (Core 1) 6525 MHz (CH115)

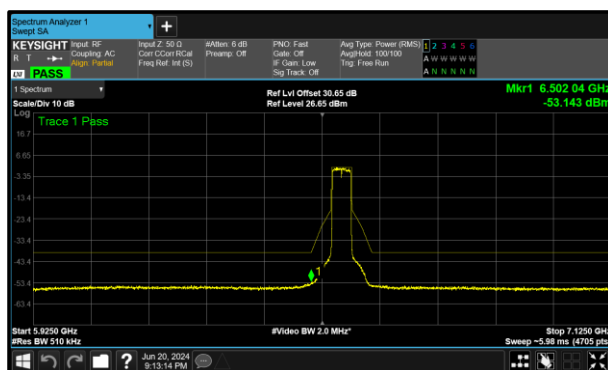


Figure 323 - A (Core 0) 6565 MHz (CH123)

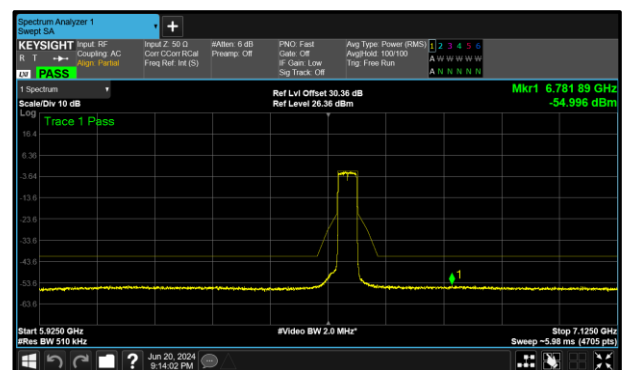


Figure 324 - B (Core 1) 6565 MHz (CH123)

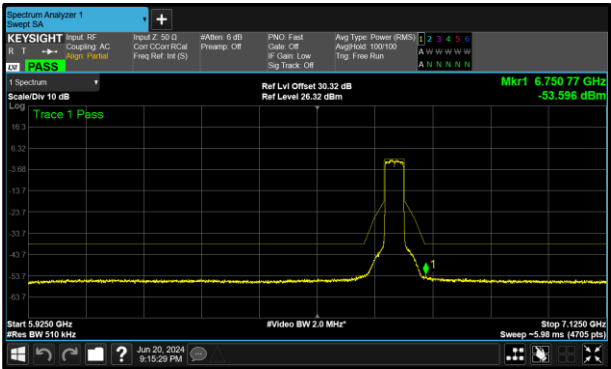


Figure 325 - A (Core 0) 6685 MHz (CH147)

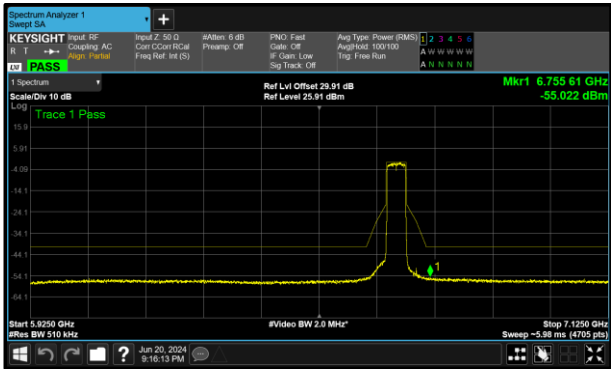


Figure 326 - B (Core 1) 6685 MHz (CH147)

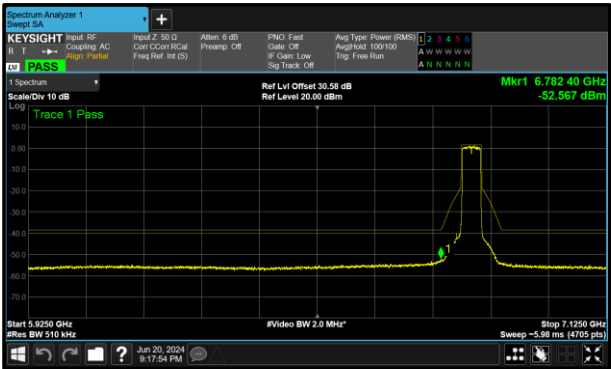


Figure 327 - A (Core 0) 6845 MHz (CH179)

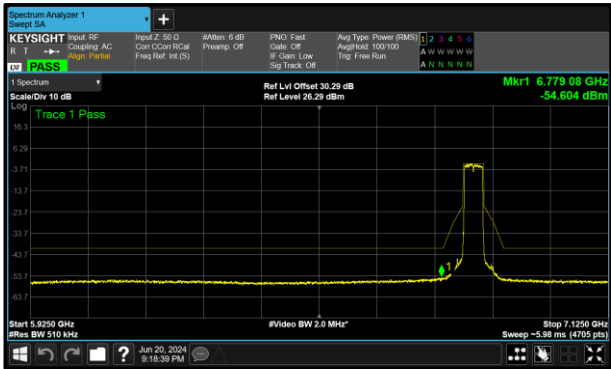


Figure 328 - B (Core 1) 6845 MHz (CH179)



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

DUT Configuration			
Mode:	802.11ax 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	13.24	11.80	-	-
6145	10.91	11.75	-	-
6385	11.00	10.15	-	-
6465	11.51	10.31	-	-
6545	12.17	10.70	-	-
6625	11.46	11.07	-	-
6705	11.75	11.31	-	-
6785	10.84	10.91	-	-

Table 763 - Unwanted Emissions Within the Band Results

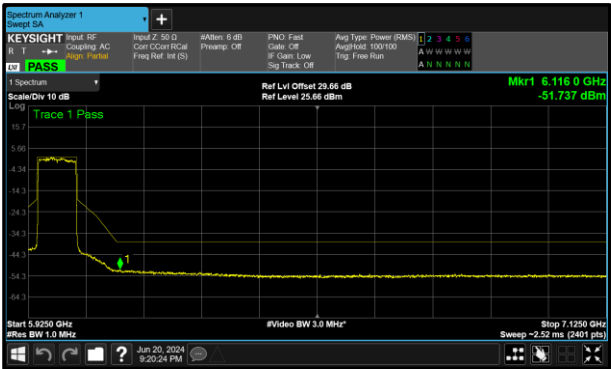


Figure 329 - A (Core 0) 5985 MHz (CH7)

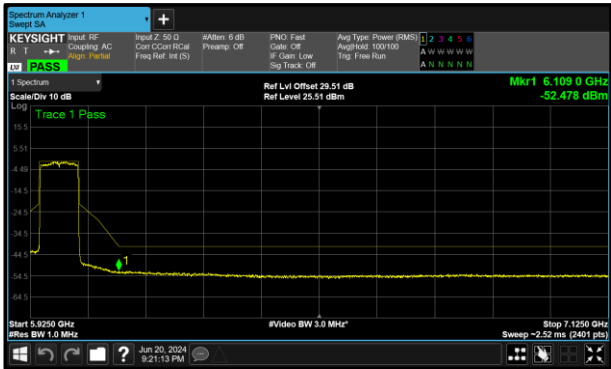


Figure 330 - B (Core 1) 5985 MHz (CH7)

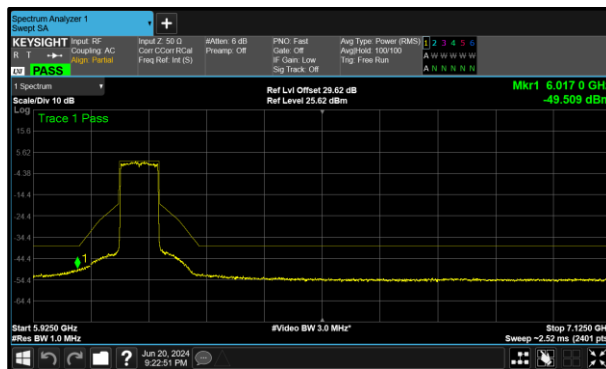


Figure 331 - A (Core 0) 6145 MHz (CH39)

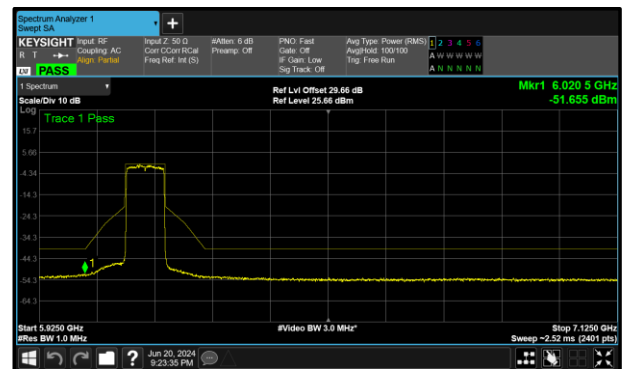


Figure 332 - B (Core 1) 6145 MHz (CH39)

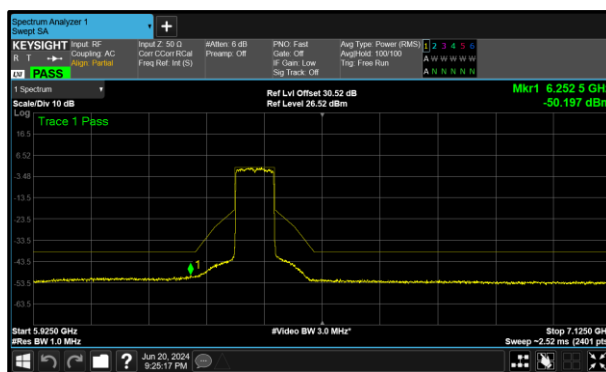


Figure 333 - A (Core 0) 6385 MHz (CH87)

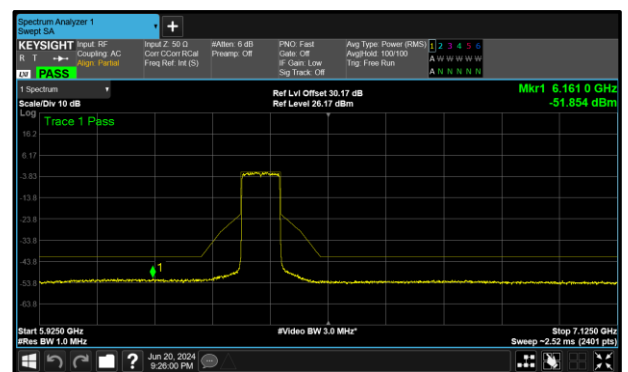


Figure 334 - B (Core 1) 6385 MHz (CH87)

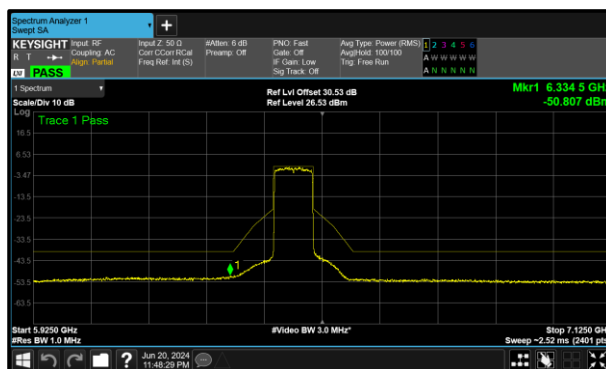


Figure 335 - A (Core 0) 6465 MHz (CH103)

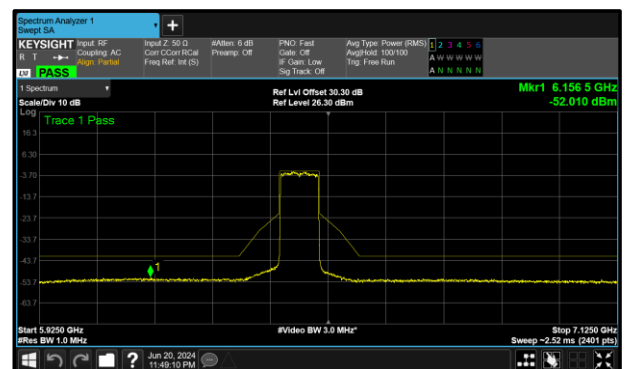


Figure 336 - B (Core 1) 6465 MHz (CH103)

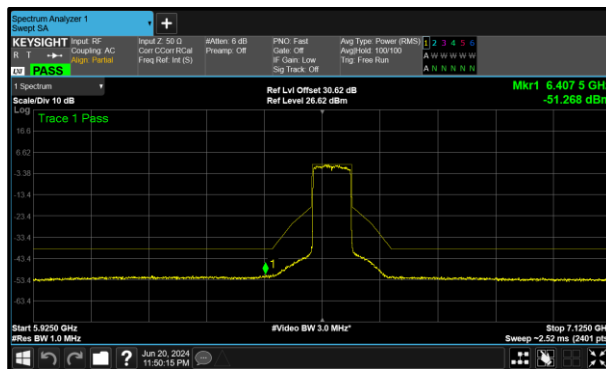


Figure 337 - A (Core 0) 6545 MHz (CH119)

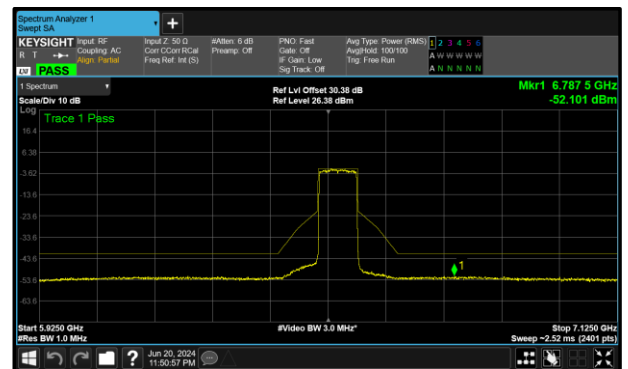


Figure 338 - B (Core 1) 6545 MHz (CH119)

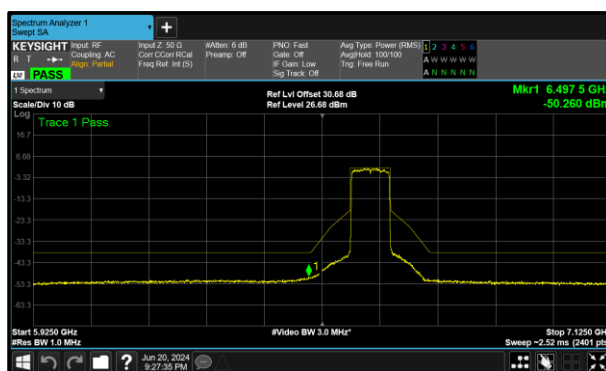


Figure 339 - A (Core 0) 6625 MHz (CH135)

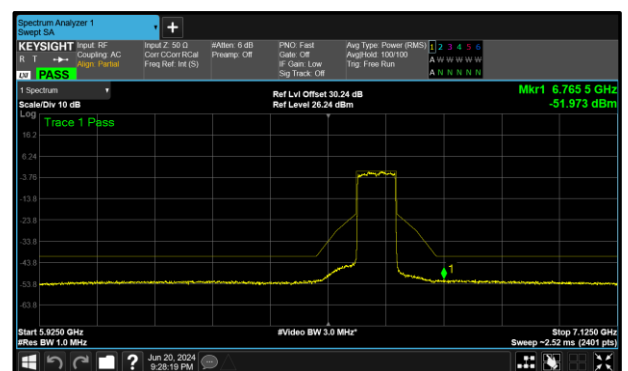


Figure 340 - B (Core 1) 6625 MHz (CH135)

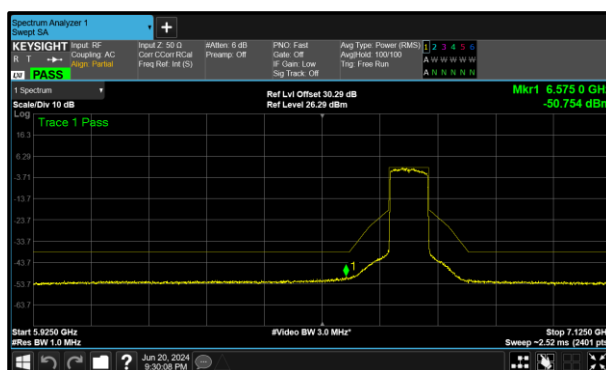


Figure 341 - A (Core 0) 6705 MHz (CH151)

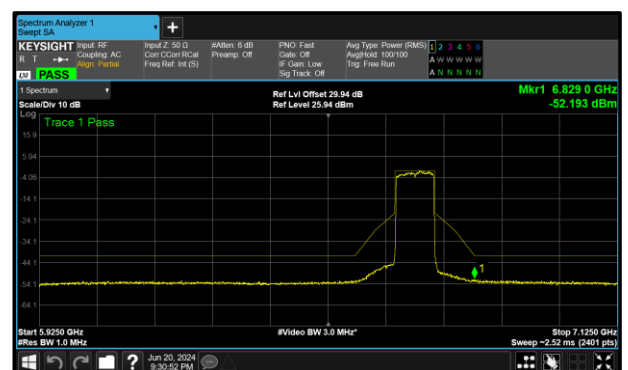


Figure 342 - B (Core 1) 6705 MHz (CH151)

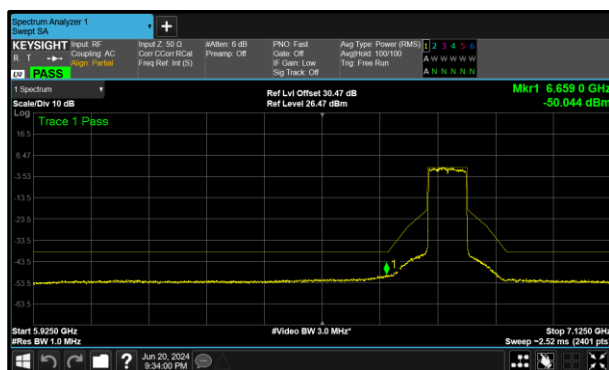


Figure 343 - A (Core 0) 6785 MHz (CH167)

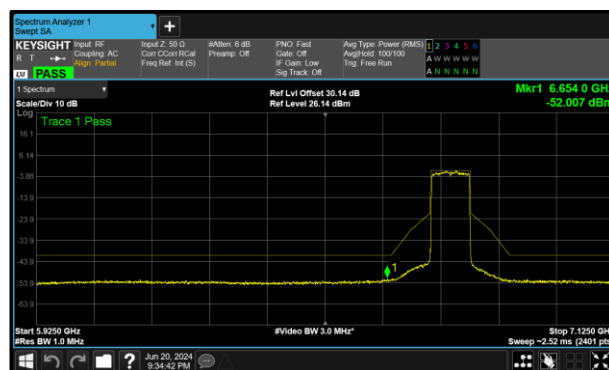


Figure 344 - B (Core 1) 6785 MHz (CH167)

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.

ISED RSS-248, Limit Clause 4.6.2(b)

e.i.r.p. spectral density of unwanted emissions falling into the 5925-7125 MHz band shall be attenuated (in dB) below the reference power spectral density by:

- i. 20 dB at 1 MHz away from the channel edge; and
- ii. a linearly interpolated value between 20 dB and 28 dB at frequencies between 1 MHz outside of channel edge and one (1) channel bandwidth from the operating channel centre, respectively; and
- iii. 28 dB at one (1) channel bandwidth away from the operating channel centre; and
- iv. a linearly interpolated value between 28 dB and 40 dB at frequencies between one (1) channel bandwidth from the channel centre and one- and one-half (1.5) times the channel bandwidth away from the operating channel centre, respectively; and
- v. 40 dB at one- and one-half (1.5) times the channel bandwidth away from the channel centre; and
- vi. a minimum of 40 dB at frequencies that are further away than one and one-half (1.5) times the channel bandwidth from the channel centre.



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
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
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 764

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)
ISED RSS-248, Clause 4.7

2.9.2 Equipment Under Test and Modification State

A3247, S/N: H0K2D7DL49 - Modification State 0

2.9.3 Date of Test

21-June-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 into 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

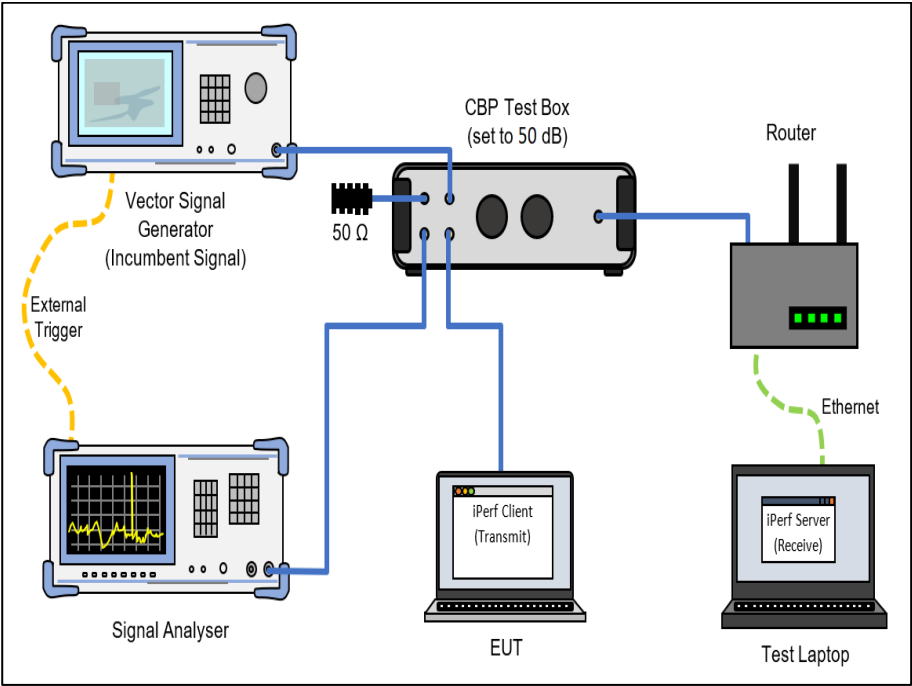


Figure 345 - Test Equipment Setup Diagram

2.9.6 Environmental Conditions

Ambient Temperature	21.7 °C
Relative Humidity	43.1 %



2.9.7 Test Results

6 GHz WLAN

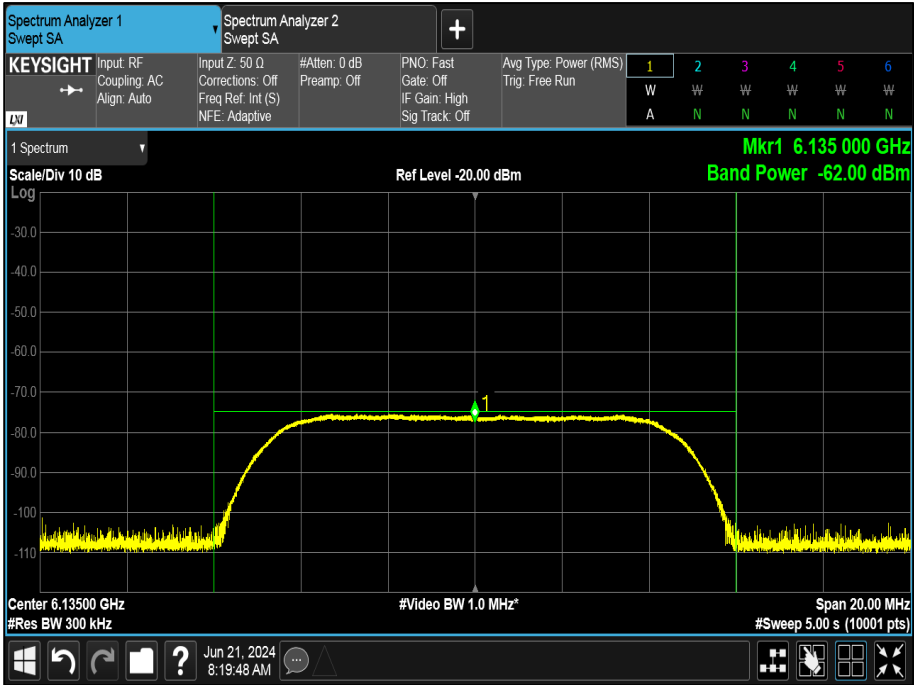


Figure 346 - Example of AWGN Signal



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)	-74.38	-73.12	-71.91
Antenna Gain (dBi)	2.30	2.30	2.30
Adjusted Power (dBm)	-76.68	-75.42	-74.21
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 765 - U-NII-5, Minimum Bandwidth

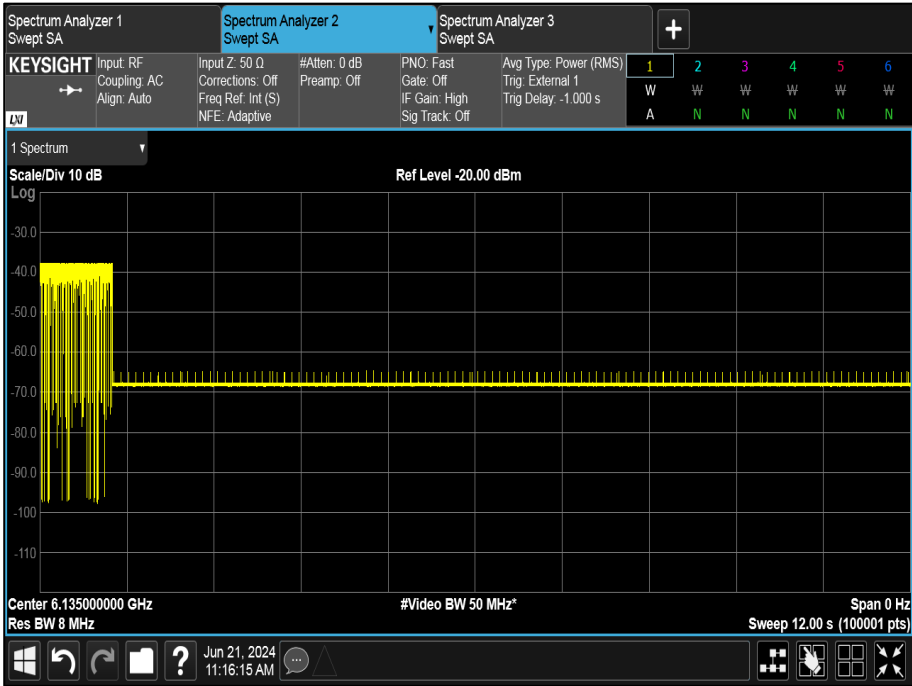


Figure 347 - U-NII-5, Minimum Bandwidth