



Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 VLP	-11.89	6103.900

Table 250 - Unwanted Emissions Within the RLAN Band Summary Results

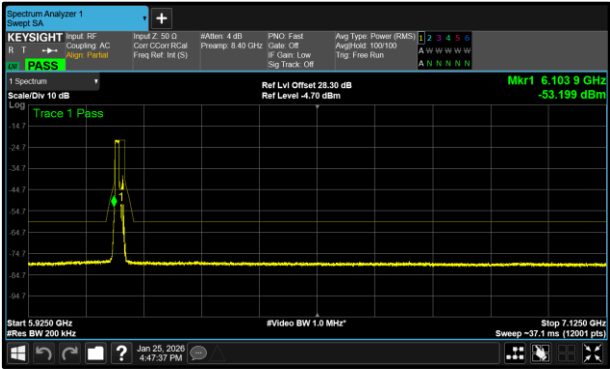


Figure 313 - A (Core 0) 802.11ax HE20 RU106 VLP 6115 MHz (CH33)



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz	Band:	U-NII-5 U-NII-6
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6115 (RU106.53)	-11.89	-	-	-
6175 (RU106.53)	-13.27	-	-	-
6255 (RU106.54)	-13.09	-	-	-
6435 (RU106.53)	-	-13.22	-	-
6475 (RU106.53)	-	-12.57	-	-
6515 (RU106.54)	-	-12.84	-	-

Table 251 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11a20 SP	-7.64	6482.800
802.11ax HE20 SU SP	-6.06	6438.500
802.11ax HE40 SU SP	-4.40	6427.296
802.11ax HE80 SU SP	-5.79	6085.500
802.11ax HE160 SU SP	-4.78	6261.000

Table 252 - Unwanted Emissions Within the RLAN Band Summary Results

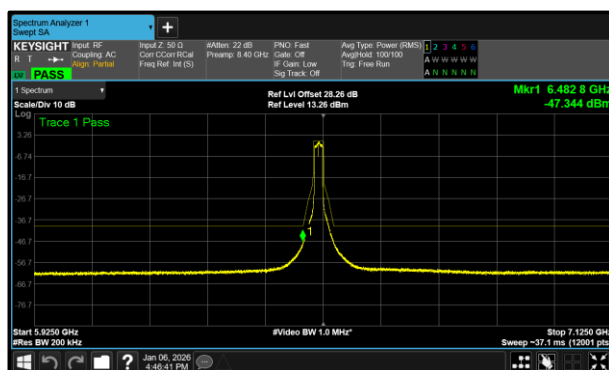


Figure 314 - B (Core 1) 802.11a20 SP 6515 MHz (CH113)

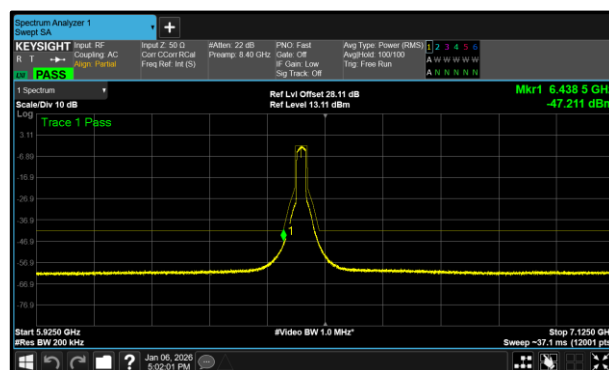


Figure 315 - B (Core 1) 802.11ax HE20 SU SP 6475 MHz (CH105)

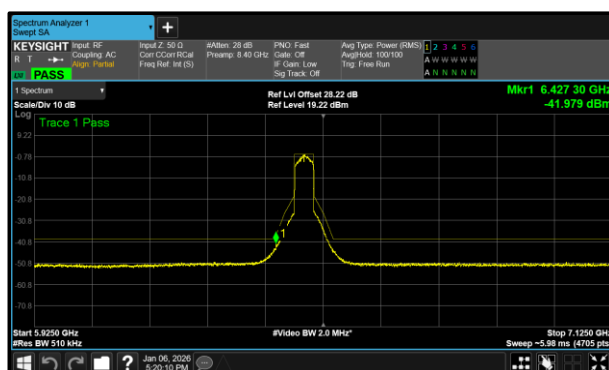


Figure 316 - B (Core 1) 802.11ax HE40 SU SP 6485 MHz (CH107)

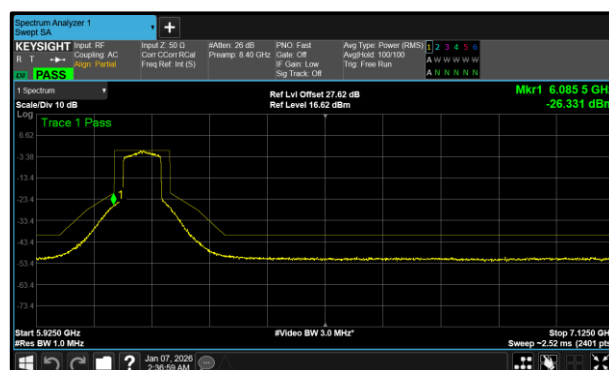


Figure 317 - A (Core 0) 802.11ax HE80 SU SP 6145 MHz (CH39)

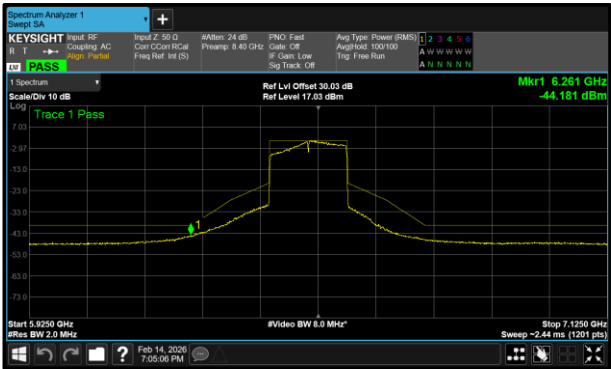


Figure 318 - B (Core 1) 802.11ax HE160 SU SP
6505 MHz (CH111)



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

DUT Configuration			
Mode:	802.11a20 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	-	-10.67	-	-
6175	-8.86	-	-	-
6415	-	-9.41	-	-
6435	-	-9.07	-	-
6475	-	-8.72	-	-
6515	-	-7.64	-	-
6535	-	-10.01	-	-
6695	-	-12.33	-	-
6855	-	-9.41	-	-

Table 253 - Unwanted Emissions Within the Band Results



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

DUT Configuration			
Mode:	802.11ax 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	-	-9.79	-	-
6175	-8.52	-	-	-
6415	-	-7.92	-	-
6435	-	-7.63	-	-
6475	-	-6.06	-	-
6515	-	-7.31	-	-
6535	-	-6.94	-	-
6695	-	-12.12	-	-
6855	-	-7.90	-	-

Table 254 - Unwanted Emissions Within the Band Results



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

DUT Configuration			
Mode:	802.11ax 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	-	-10.39	-	-
6165	-8.05	-	-	-
6405	-	-8.40	-	-
6445	-	-8.56	-	-
6485	-	-4.40	-	-
6525	-	-7.06	-	-
6565	-	-8.34	-	-
6685	-	-9.60	-	-
6845	-	-7.57	-	-

Table 255 - Unwanted Emissions Within the Band Results



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

DUT Configuration			
Mode:	802.11ax 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	-	-8.89	-	-
6145	-5.79	-	-	-
6385	-	-8.52	-	-
6465	-	-6.53	-	-
6545	-	-6.77	-	-
6625	-	-8.48	-	-
6705	-	-8.23	-	-
6785	-	-7.96	-	-

Table 256 - Unwanted Emissions Within the Band Results



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

DUT Configuration			
Mode:	802.11ax HE160 SU 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	-	-7.75	-	-
6185	-5.28	-	-	-
6345	-	-6.78	-	-
6505	-	-4.78	-	-
6665	-	-5.35	-	-

Table 257 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 SP	-7.67	6423.400
802.11ax HE20 RU26 SP	-11.02	6164.000
802.11ax HE20 RU52 SP	-10.73	6463.800

Table 258 - Unwanted Emissions Within the RLAN Band Summary Results

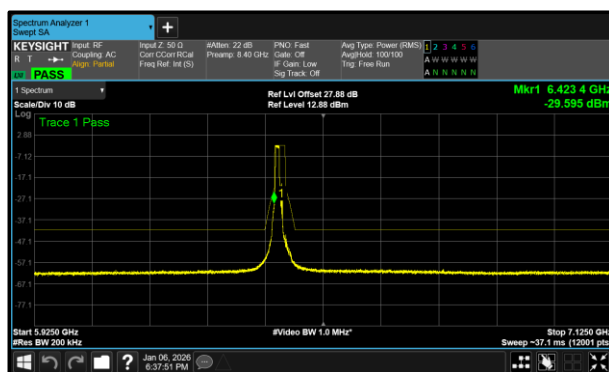


**Figure 319 - B (Core 1) 802.11ax HE20 RU106 SP
6435 MHz (CH97)**

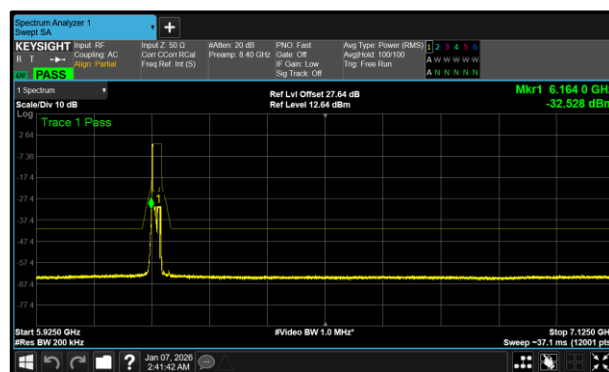


**Figure 320 - A (Core 0) 802.11ax HE20 RU26 SP
6175 MHz (CH45)**

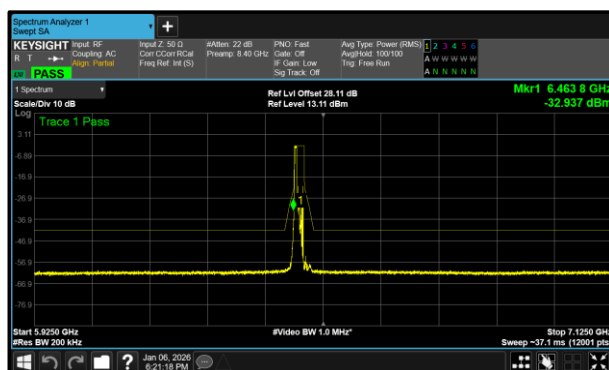


**Figure 321 - B (Core 1) 802.11ax HE20 RU52 SP
6475 MHz (CH105)**



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

DUT Configuration			
Mode:	802.11ax 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)	-	-13.88	-	-
6175 (RU26.0)	-11.02	-	-	-
6415 (RU26.8)	-	-14.09	-	-
6435 (RU26.0)	-	-13.27	-	-
6475 (RU26.0)	-	-12.66	-	-
6515 (RU26.8)	-	-14.00	-	-
6535 (RU26.0)	-	-12.45	-	-
6695 (RU26.0)	-	-12.31	-	-
6855 (RU26.8)	-	-11.43	-	-

Table 259 - Unwanted Emissions Within the Band Results



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

DUT Configuration			
Mode:	802.11ax 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)	-	-11.68	-	-
6175 (RU52.37)	-11.08	-	-	-
6415 (RU52.40)	-	-12.85	-	-
6435 (RU52.37)	-	-12.09	-	-
6475 (RU52.37)	-	-10.73	-	-
6515 (RU52.40)	-	-12.21	-	-
6535 (RU52.37)	-	-12.72	-	-
6695 (RU52.37)	-	-13.04	-	-
6855 (RU52.40)	-	-12.42	-	-

Table 260 - Unwanted Emissions Within the Band Results



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

DUT Configuration			
Mode:	802.11ax 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)	-	-11.95	-	-
6175 (RU106.53)	-7.69	-	-	-
6415 (RU106.54)	-	-13.38	-	-
6435 (RU106.53)	-	-7.67	-	-
6475 (RU106.53)	-	-8.09	-	-
6515 (RU106.54)	-	-10.72	-	-
6535 (RU106.53)	-	-12.23	-	-
6695 (RU106.53)	-	-11.06	-	-
6855 (RU106.54)	-	-12.32	-	-

Table 261 - Unwanted Emissions Within the Band Results



Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU LPI	-11.61	7082.600
802.11ax HE40 SU LPI	-9.45	6255.102
802.11ax HE80 SU LPI	-8.49	6969.500
802.11ax HE160 SU LPI	-7.69	6290.000

Table 262 - Unwanted Emissions Within the RLAN Band Summary Results, MIMO CDD

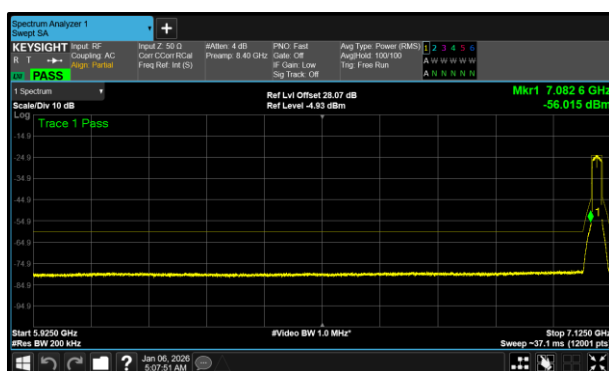


Figure 322 - B (Core 1) 802.11ax HE20 SU LPI 7095 MHz (CH229)

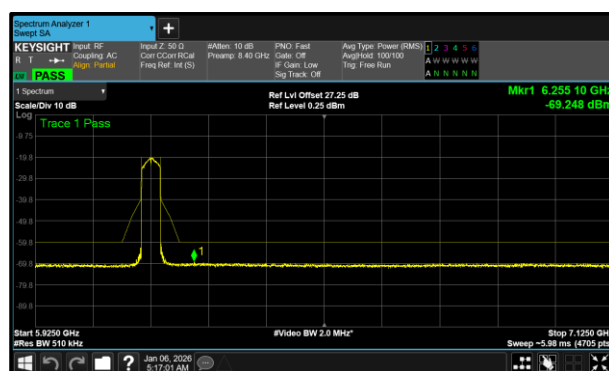


Figure 323 - B (Core 1) 802.11ax HE40 SU LPI 6165 MHz (CH43)

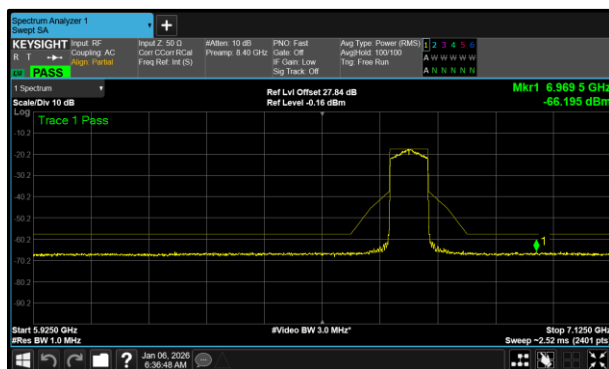


Figure 324 - B (Core 1) 802.11ax HE80 SU LPI 6705 MHz (CH151)

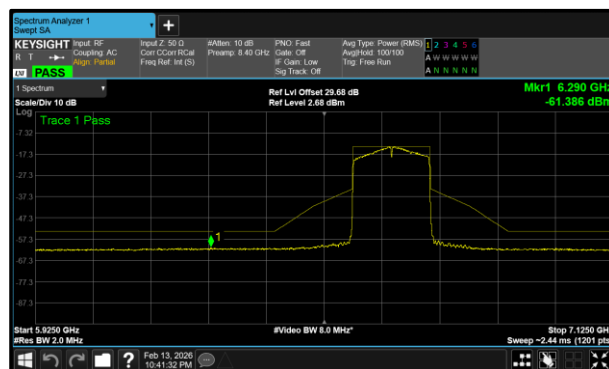


Figure 325 - B (Core 1) 802.11ax HE160 SU LPI 6665 MHz (CH143)



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)	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	-12.21	-13.34	-	-
6175	-17.30	-17.74	-	-
6415	-12.99	-12.03	-	-
6435	-17.61	-18.14	-	-
6475	-16.93	-17.68	-	-
6515	-17.57	-16.78	-	-
6535	-17.97	-17.60	-	-
6695	-18.19	-16.73	-	-
6855	-17.26	-17.60	-	-
6875	-18.18	-17.42	-	-
6895	-18.07	-16.76	-	-
6995	-17.33	-17.11	-	-
7095	-12.44	-11.61	-	-

Table 263 - 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)	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5965	-11.93	-13.59	-	-
6165	-12.89	-9.45	-	-
6405	-12.06	-11.43	-	-
6445	-10.69	-14.68	-	-
6485	-12.58	-12.33	-	-
6525	-11.91	-10.33	-	-
6565	-12.06	-10.33	-	-
6685	-12.49	-10.77	-	-
6845	-12.12	-12.52	-	-
6885	-13.88	-14.36	-	-
6925	-12.51	-12.43	-	-
7005	-14.06	-12.17	-	-
7085	-11.57	-11.06	-	-

Table 264 - 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)	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	-11.74	-10.89	-	-
6145	-10.49	-11.50	-	-
6385	-10.67	-10.16	-	-
6465	-10.49	-9.52	-	-
6545	-9.56	-9.14	-	-
6625	-9.80	-9.84	-	-
6705	-9.77	-8.49	-	-
6785	-11.77	-11.52	-	-
6865	-10.55	-11.62	-	-
6945	-12.19	-11.86	-	-
7025	-10.45	-11.37	-	-

Table 265 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b)	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	-10.28	-8.70	-	-
6185	-8.88	-9.01	-	-
6345	-9.73	-9.60	-	-
6505	-9.83	-8.25	-	-
6665	-9.98	-7.69	-	-
6825	-9.69	-9.98	-	-
6985	-7.98	-9.25	-	-

Table 266 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 LPI	-10.30	6523.800
802.11ax HE20 RU52 LPI	-11.39	6164.100

Table 267 - Unwanted Emissions Within the RLAN Band Summary Results, MIMO CDD

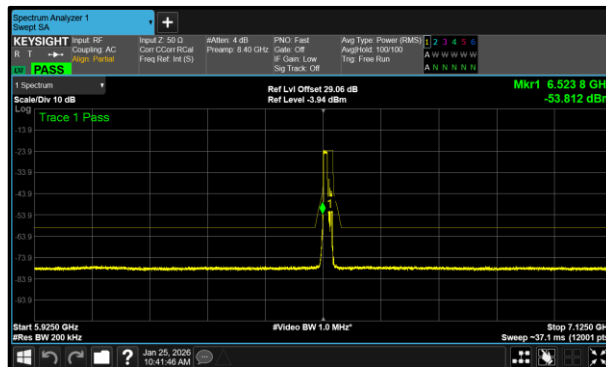


Figure 326 - A (Core 0) 802.11ax HE20 RU106 LPI 6535 MHz (CH117)

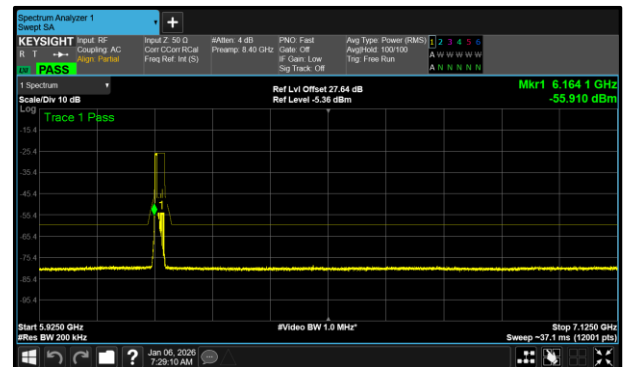


Figure 327 - A (Core 0) 802.11ax HE20 RU52 LPI 6175 MHz (CH45)



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	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 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)	-13.34	-12.89	-	-
6175 (RU52.37)	-11.39	-13.78	-	-
6415 (RU52.40)	-12.77	-11.93	-	-
6435 (RU52.37)	-13.46	-12.24	-	-
6475 (RU52.37)	-12.84	-12.87	-	-
6515 (RU52.40)	-12.31	-12.13	-	-
6535 (RU52.37)	-11.81	-13.43	-	-
6695 (RU52.37)	-12.01	-11.76	-	-
6855 (RU52.40)	-12.96	-12.08	-	-
6875 (RU52.38)	-17.87	-17.99	-	-
6875 (RU52.39)	-17.79	-17.77	-	-
6895 (RU52.37)	-12.43	-11.16	-	-
6995 (RU52.37)	-11.88	-11.83	-	-
7095 (RU52.40)	-14.41	-13.64	-	-

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)	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)	-12.23	-12.56	-	-
6175 (RU106.53)	-11.59	-11.85	-	-
6415 (RU106.54)	-13.20	-13.77	-	-
6435 (RU106.53)	-12.08	-12.77	-	-
6475 (RU106.53)	-11.39	-12.32	-	-
6515 (RU106.54)	-15.47	-12.10	-	-
6535 (RU106.53)	-10.30	-10.41	-	-
6695 (RU106.53)	-11.03	-11.67	-	-
6855 (RU106.54)	-14.07	-13.63	-	-
6875 (RU106.53)	-11.01	-13.23	-	-
6875 (RU106.54)	-15.04	-12.56	-	-
6895 (RU106.53)	-11.75	-11.98	-	-
6995 (RU106.53)	-12.59	-11.58	-	-
7095 (RU106.54)	-13.64	-12.51	-	-

Table 269 - Unwanted Emissions Within the Band Results



Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE80 SU VLP	-10.34	6267.500
802.11ax HE160 SU VLP	-7.40	6690.000

Table 270 - Unwanted Emissions Within the RLAN Band Summary Results, MIMO CDD

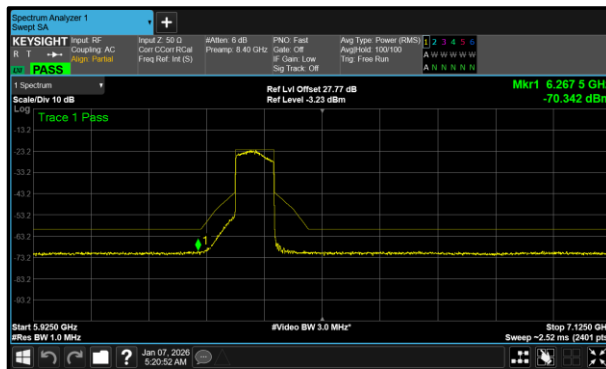


Figure 328 - B (Core 1) 802.11ax HE80 SU VLP 6385 MHz (CH87)

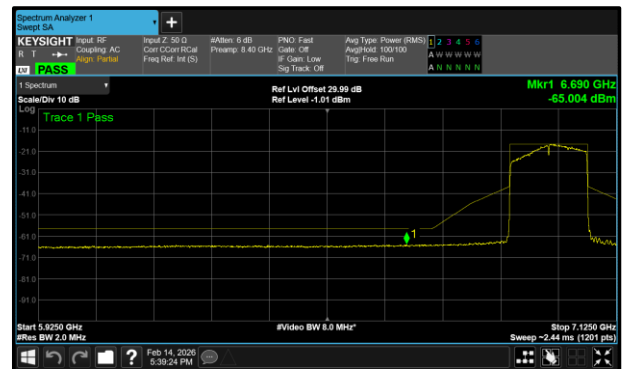


Figure 329 - B (Core 1) 802.11ax HE160 SU VLP 6985 MHz (CH207)



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)	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	-12.47	-10.75	-	-
6385	-11.78	-10.34	-	-
6465	-11.48	-11.92	-	-
6545	-11.17	-11.67	-	-
6625	-11.63	-12.11	-	-
6705	-11.69	-12.21	-	-
6785	-11.76	-12.02	-	-
6865	-11.49	-12.07	-	-
6945	-11.48	-11.98	-	-
7025	-11.25	-11.30	-	-

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)	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	-8.71	-8.90	-	-
6345	-9.94	-9.30	-	-
6505	-10.20	-9.68	-	-
6665	-9.06	-8.19	-	-
6825	-9.84	-8.32	-	-
6985	-8.44	-7.40	-	-

Table 272 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU SP	-9.91	6193.200
802.11ax HE40 SU SP	-7.04	6533.673
802.11ax HE80 SU SP	-4.45	6745.000
802.11ax HE160 SU SP	-5.16	5943.000

Table 273 - Unwanted Emissions Within the RLAN Band Summary Results, MIMO CDD

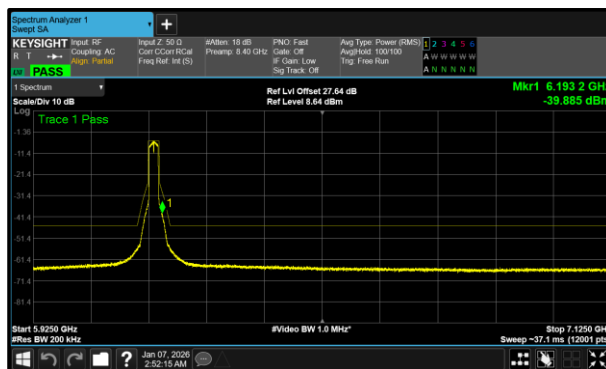


**Figure 330 - A (Core 0) 802.11ax HE20 SU SP
6175 MHz (CH45)**

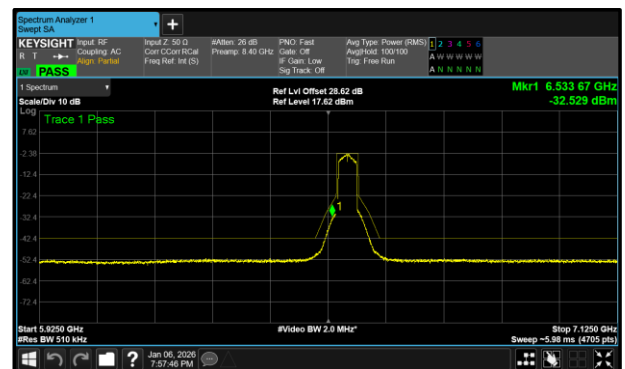


**Figure 331 - A (Core 0) 802.11ax HE40 SU SP
6565 MHz (CH123)**

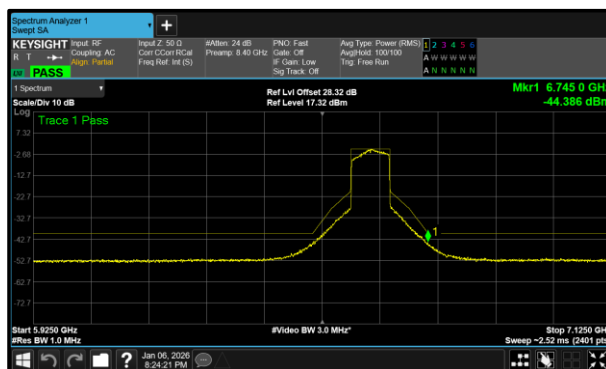


**Figure 332 - A (Core 0) 802.11ax HE80 SU SP
6625 MHz (CH135)**

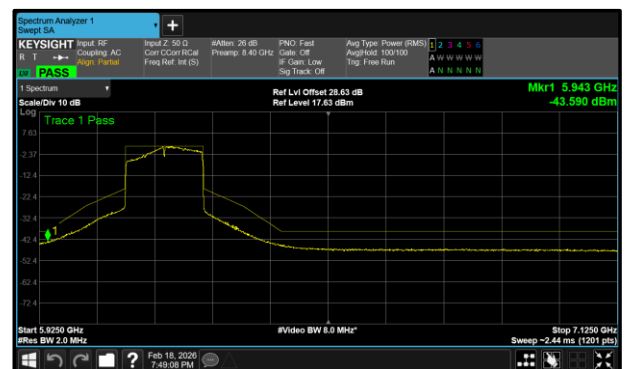


**Figure 333 - A (Core 0) 802.11ax HE160 SU SP
6185 MHz (CH47)**



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

DUT Configuration			
Mode:	802.11ax 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	-11.79	-11.50	-	-
6175	-9.91	-14.70	-	-
6415	-11.67	-10.72	-	-
6435	-15.62	-10.20	-	-
6475	-15.54	-11.06	-	-
6515	-12.26	-13.03	-	-
6535	-13.09	-12.77	-	-
6695	-14.52	-15.33	-	-
6855	-15.82	-12.93	-	-

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	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:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5965	-11.11	-11.13	-	-
6165	-7.14	-10.08	-	-
6405	-10.17	-9.93	-	-
6445	-9.78	-9.68	-	-
6485	-11.48	-7.81	-	-
6525	-9.06	-10.26	-	-
6565	-7.04	-10.19	-	-
6685	-10.92	-10.99	-	-
6845	-10.70	-10.56	-	-

Table 275 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(b)	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	-9.91	-10.66	-	-
6145	-7.11	-8.14	-	-
6385	-7.50	-8.40	-	-
6465	-8.99	-5.55	-	-
6545	-6.89	-6.89	-	-
6625	-4.45	-8.76	-	-
6705	-9.19	-8.19	-	-
6785	-8.05	-7.90	-	-

Table 276 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(b)	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	-8.13	-10.07	-	-
6185	-5.16	-6.90	-	-
6345	-6.09	-6.85	-	-
6505	-6.26	-5.22	-	-
6665	-6.31	-5.21	-	-

Table 277 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 SP	-10.91	5943.900
802.11ax HE20 RU26 SP	-10.88	6464.000
802.11ax HE20 RU52 SP	-11.39	6423.900

Table 278 - Unwanted Emissions Within the RLAN Band Summary Results, MIMO CDD

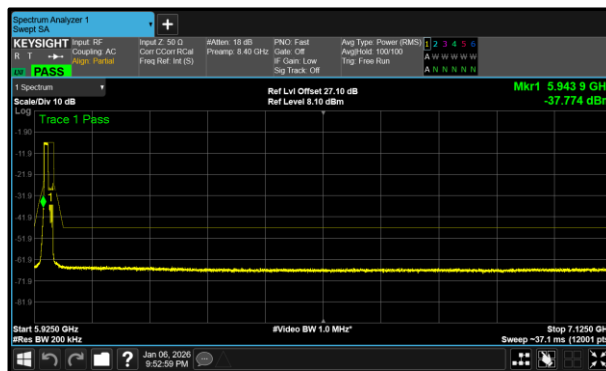


**Figure 334 - B (Core 1) 802.11ax HE20 RU106 SP
5955 MHz (CH181)**

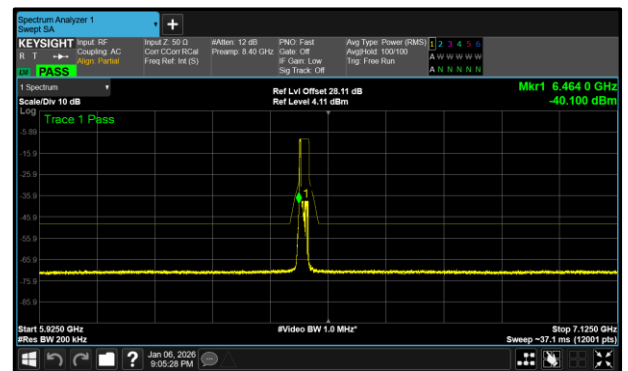


**Figure 335 - B (Core 1) 802.11ax HE20 RU26 SP
6475 MHz (CH105)**

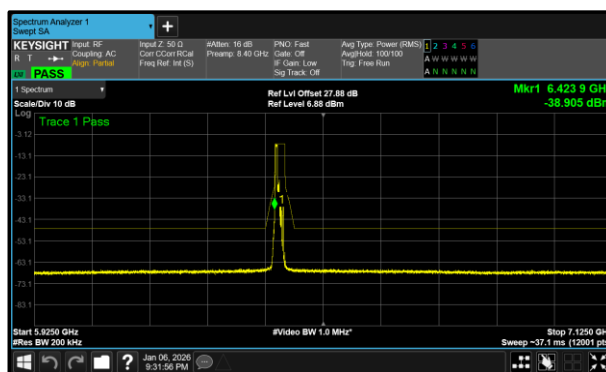


**Figure 336 - B (Core 1) 802.11ax HE20 RU52 SP
6435 MHz (CH97)**



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

DUT Configuration			
Mode:	802.11ax 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)	-13.65	-13.28	-	-
6175 (RU26.0)	-13.45	-12.63	-	-
6415 (RU26.8)	-12.77	-12.52	-	-
6435 (RU26.0)	-12.24	-12.62	-	-
6475 (RU26.0)	-12.11	-10.88	-	-
6515 (RU26.8)	-12.50	-13.56	-	-
6535 (RU26.0)	-13.36	-12.05	-	-
6695 (RU26.0)	-13.54	-12.97	-	-
6855 (RU26.8)	-13.49	-13.69	-	-

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)	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)	-11.89	-13.60	-	-
6175 (RU52.37)	-12.91	-12.54	-	-
6415 (RU52.40)	-14.68	-12.66	-	-
6435 (RU52.37)	-13.12	-11.39	-	-
6475 (RU52.37)	-11.78	-12.63	-	-
6515 (RU52.40)	-12.56	-13.42	-	-
6535 (RU52.37)	-12.24	-12.26	-	-
6695 (RU52.37)	-11.93	-12.34	-	-
6855 (RU52.40)	-12.61	-13.48	-	-

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)	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)	-13.69	-10.91	-	-
6175 (RU106.53)	-11.87	-11.69	-	-
6415 (RU106.54)	-11.67	-12.36	-	-
6435 (RU106.53)	-11.81	-11.84	-	-
6475 (RU106.53)	-11.68	-11.56	-	-
6515 (RU106.54)	-13.92	-12.85	-	-
6535 (RU106.53)	-11.52	-11.53	-	-
6695 (RU106.53)	-11.51	-12.37	-	-
6855 (RU106.54)	-14.13	-14.44	-	-

Table 281 - Unwanted Emissions Within the Band Results



Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU LPI	-11.64	7082.600
802.11ax HE40 SU LPI	-8.99	6259.184
802.11ax HE80 SU LPI	-9.05	6706.000
802.11ax HE160 SU LPI	-6.49	6740.000

Table 282 - Unwanted Emissions Within the RLAN Band Summary Results, MIMO SDM

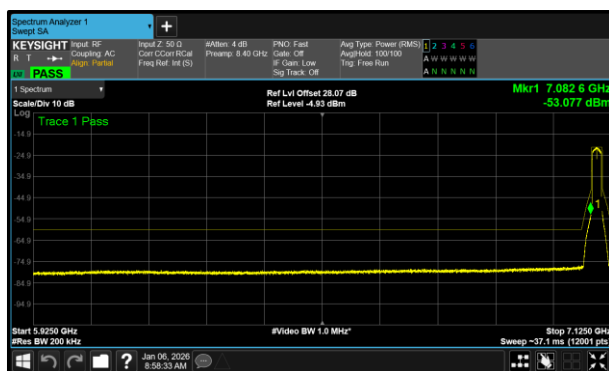


Figure 337 - B (Core 1) 802.11ax HE20 SU LPI 7095 MHz (CH229)

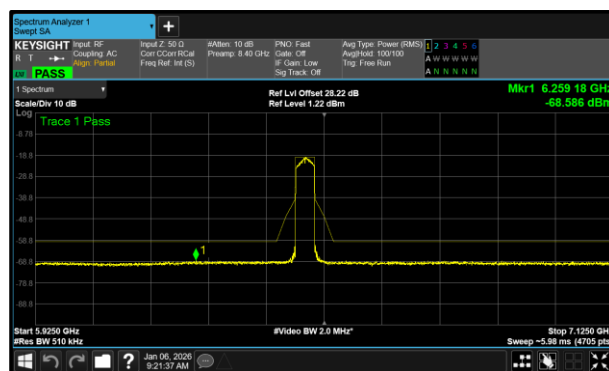


Figure 338 - B (Core 1) 802.11ax HE40 SU LPI 6485 MHz (CH107)

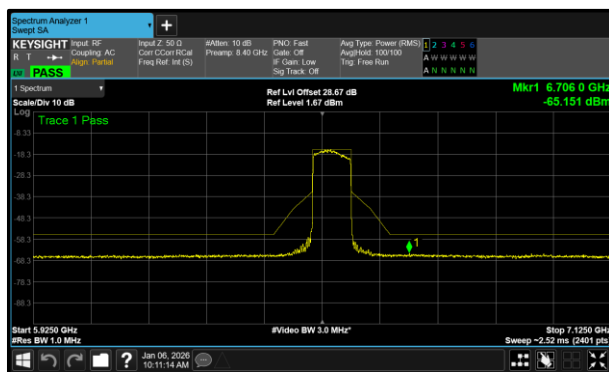


Figure 339 - A (Core 0) 802.11ax HE80 SU LPI 6545 MHz (CH119)

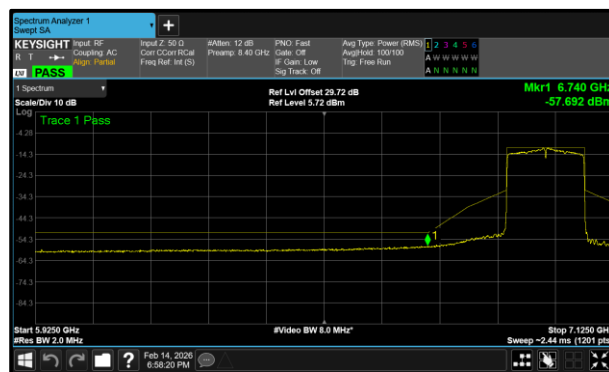


Figure 340 - A (Core 0) 802.11ax HE160 SU LPI 6985 MHz (CH207)



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)	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	-13.10	-13.37	-	-
6175	-15.93	-16.33	-	-
6415	-12.10	-11.65	-	-
6435	-17.03	-17.87	-	-
6475	-17.66	-17.90	-	-
6515	-16.37	-17.24	-	-
6535	-17.63	-17.84	-	-
6695	-17.91	-17.35	-	-
6855	-16.97	-17.52	-	-
6875	-17.03	-18.56	-	-
6895	-16.55	-16.70	-	-
6995	-17.69	-17.67	-	-
7095	-12.80	-11.64	-	-

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 6.875-7.125 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 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	-11.88	-11.82	-	-
6165	-11.91	-11.95	-	-
6405	-10.92	-11.37	-	-
6445	-9.67	-12.24	-	-
6485	-9.48	-8.99	-	-
6525	-10.40	-11.88	-	-
6565	-9.86	-10.65	-	-
6685	-11.64	-10.66	-	-
6845	-12.82	-12.37	-	-
6885	-11.74	-11.38	-	-
6925	-12.41	-13.33	-	-
7005	-13.10	-11.37	-	-
7085	-10.85	-11.14	-	-

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 6.875-7.125 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:	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	-11.85	-10.08	-	-
6145	-9.54	-10.37	-	-
6385	-10.50	-10.53	-	-
6465	-11.40	-9.93	-	-
6545	-9.05	-10.57	-	-
6625	-11.03	-10.89	-	-
6705	-10.61	-11.43	-	-
6785	-10.56	-10.44	-	-
6865	-10.49	-10.86	-	-
6945	-10.27	-10.29	-	-
7025	-10.15	-10.55	-	-

Table 285 - 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)	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	-8.95	-9.38	-	-
6185	-7.19	-8.74	-	-
6345	-7.71	-8.23	-	-
6505	-8.37	-8.38	-	-
6665	-8.35	-8.54	-	-
6825	-8.28	-8.80	-	-
6985	-6.49	-8.21	-	-

Table 286 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 LPI	-11.09	6683.900
802.11ax HE20 RU26 LPI	-10.57	6464.000
802.11ax HE20 RU52 LPI	-11.64	6883.900

Table 287 - Unwanted Emissions Within the RLAN Band Summary Results, MIMO SDM

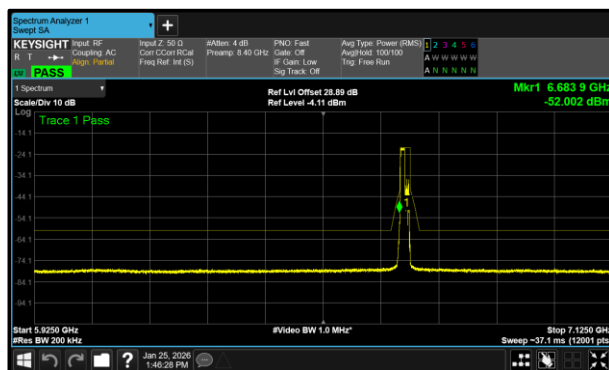


**Figure 341 - A (Core 0) 802.11ax HE20 RU106 LPI
6695 MHz (CH149)**

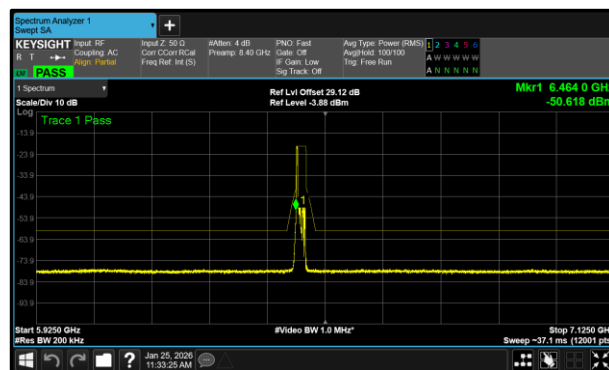


**Figure 342 - A (Core 0) 802.11ax HE20 RU26 LPI
6475 MHz (CH105)**

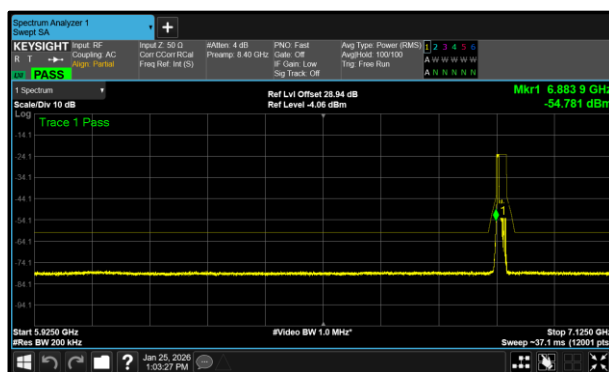


**Figure 343 - B (Core 1) 802.11ax HE20 RU52 LPI
6895 MHz (CH189)**



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)	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)	-12.47	-12.89	-	-
6175 (RU26.0)	-12.56	-12.41	-	-
6415 (RU26.8)	-12.83	-13.68	-	-
6435 (RU26.0)	-11.12	-12.54	-	-
6475 (RU26.0)	-10.57	-12.56	-	-
6515 (RU26.8)	-13.96	-13.28	-	-
6535 (RU26.0)	-11.95	-11.95	-	-
6695 (RU26.0)	-11.90	-12.64	-	-
6855 (RU26.8)	-13.55	-12.05	-	-
6875 (RU26.3)	-17.59	-17.94	-	-
6875 (RU26.5)	-17.78	-18.04	-	-
6895 (RU26.0)	-12.49	-12.26	-	-
6995 (RU26.0)	-11.51	-12.38	-	-
7095 (RU26.8)	-13.56	-12.72	-	-

Table 288 - 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)	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)	-12.23	-12.89	-	-
6175 (RU52.37)	-12.44	-12.30	-	-
6415 (RU52.40)	-13.52	-12.98	-	-
6435 (RU52.37)	-11.89	-12.66	-	-
6475 (RU52.37)	-12.67	-13.42	-	-
6515 (RU52.40)	-12.58	-14.21	-	-
6535 (RU52.37)	-13.22	-12.70	-	-
6695 (RU52.37)	-12.97	-12.88	-	-
6855 (RU52.40)	-12.66	-13.77	-	-
6875 (RU52.38)	-17.69	-17.82	-	-
6875 (RU52.39)	-17.74	-17.86	-	-
6895 (RU52.37)	-12.46	-11.64	-	-
6995 (RU52.37)	-12.27	-13.73	-	-
7095 (RU52.40)	-12.96	-13.16	-	-

Table 289 - 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)	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)	-12.40	-12.61	-	-
6175 (RU106.53)	-12.21	-12.02	-	-
6415 (RU106.54)	-14.17	-14.03	-	-
6435 (RU106.53)	-11.47	-11.41	-	-
6475 (RU106.53)	-13.51	-12.15	-	-
6515 (RU106.54)	-13.71	-11.52	-	-
6535 (RU106.53)	-11.17	-11.97	-	-
6695 (RU106.53)	-11.09	-13.04	-	-
6855 (RU106.54)	-13.30	-12.27	-	-
6875 (RU106.53)	-12.79	-11.52	-	-
6875 (RU106.54)	-15.08	-12.97	-	-
6895 (RU106.53)	-11.33	-12.12	-	-
6995 (RU106.53)	-11.62	-12.71	-	-
7095 (RU106.54)	-12.17	-12.77	-	-

Table 290 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU VLP	-16.51	6503.100
802.11ax HE40 SU VLP	-10.36	6216.327
802.11ax HE80 SU VLP	-8.89	6253.500
802.11ax HE160 SU VLP	-6.26	6297.000

Table 291 - Unwanted Emissions Within the RLAN Band Summary Results, MIMO SDM

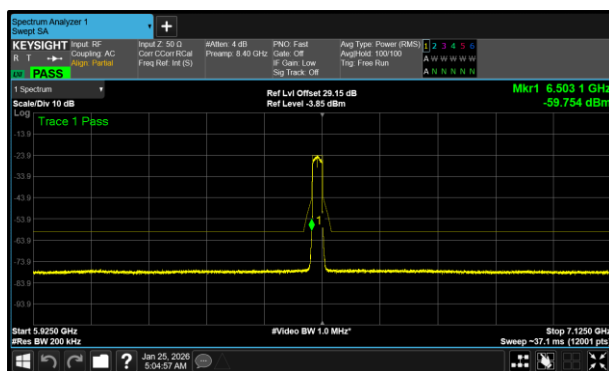


**Figure 344 - A (Core 0) 802.11ax HE20 SU VLP
6515 MHz (CH113)**

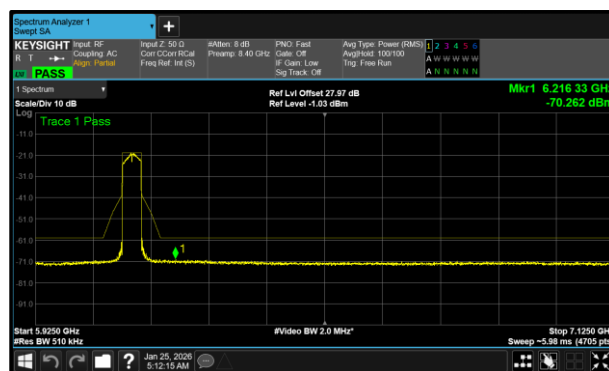


**Figure 345 - B (Core 1) 802.11ax HE40 SU VLP
6125 MHz (CH35)**

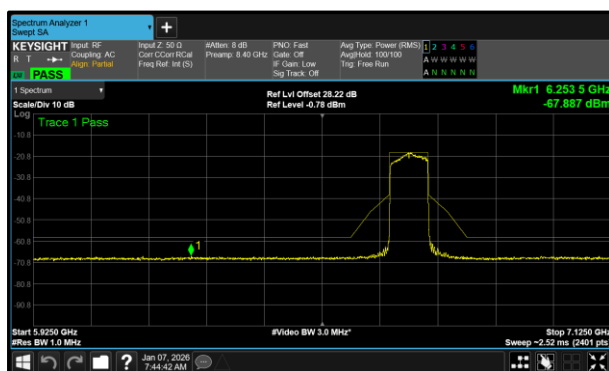


**Figure 346 - A (Core 0) 802.11ax HE80 SU VLP
6705 MHz (CH151)**

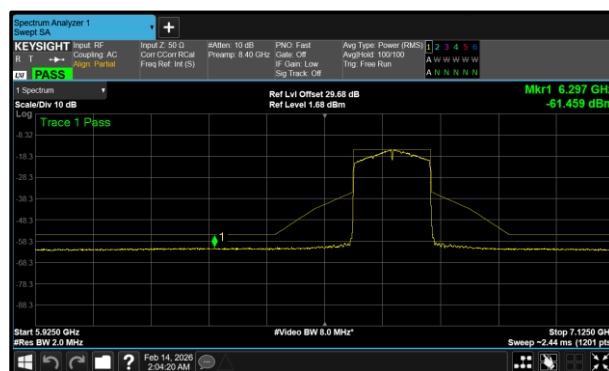


**Figure 347 - B (Core 1) 802.11ax HE160 SU VLP
6665 MHz (Ch143)**



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz	Band:	U-NII-5 U-NII-6
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	-17.75	-17.07	-	-
6175	-18.08	-17.95	-	-
6255	-16.89	-17.92	-	-
6435	-17.28	-16.97	-	-
6475	-17.53	-17.46	-	-
6515	-16.51	-17.13	-	-

Table 292 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b)	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	-12.02	-10.36	-	-
6165	-12.85	-11.36	-	-
6405	-11.97	-11.36	-	-
6445	-12.35	-14.78	-	-
6485	-10.37	-14.35	-	-
6525	-14.04	-12.49	-	-
6565	-13.98	-12.44	-	-
6685	-12.28	-12.91	-	-
6845	-13.73	-14.44	-	-
6885	-14.01	-14.55	-	-
6925	-14.16	-14.31	-	-
7005	-14.14	-12.56	-	-
7085	-11.74	-11.12	-	-

Table 293 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b)	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	-9.84	-10.56	-	-
6385	-10.87	-10.84	-	-
6465	-9.33	-9.76	-	-
6545	-10.84	-10.40	-	-
6625	-11.64	-11.15	-	-
6705	-8.89	-11.39	-	-
6785	-10.68	-10.48	-	-
6865	-12.05	-11.77	-	-
6945	-10.83	-10.00	-	-
7025	-10.30	-11.07	-	-

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)	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	-9.96	-10.05	-	-
6345	-8.99	-8.59	-	-
6505	-6.42	-6.48	-	-
6665	-10.47	-6.26	-	-
6825	-8.51	-8.97	-	-
6985	-7.62	-10.48	-	-

Table 295 - Unwanted Emissions Within the Band Results



Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU SP	-7.92	6489.500
802.11ax HE40 SU SP	-4.18	6424.490
802.11ax HE80 SU SP	-4.83	6504.000
802.11ax HE160 SU SP	-5.39	5937.000

Table 296 - Unwanted Emissions Within the RLAN Band Summary Results, MIMO SDM

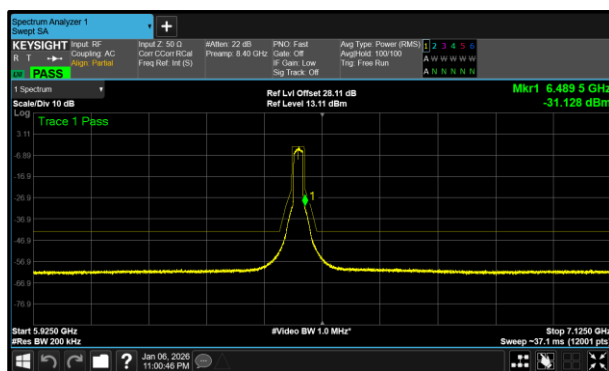


**Figure 348 - B (Core 1) 802.11ax HE20 SU SP
6475 MHz (CH105)**

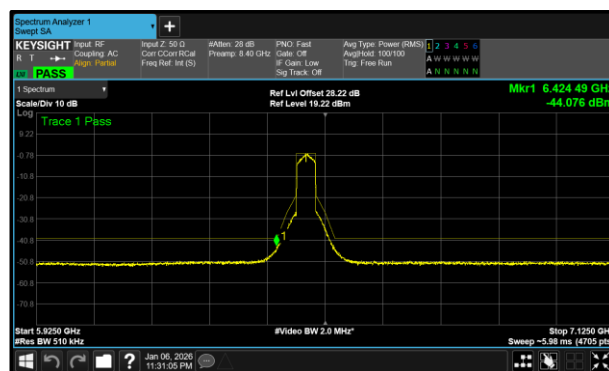


**Figure 349 - B (Core 1) 802.11ax HE40 SU SP
6485 MHz (CH107)**

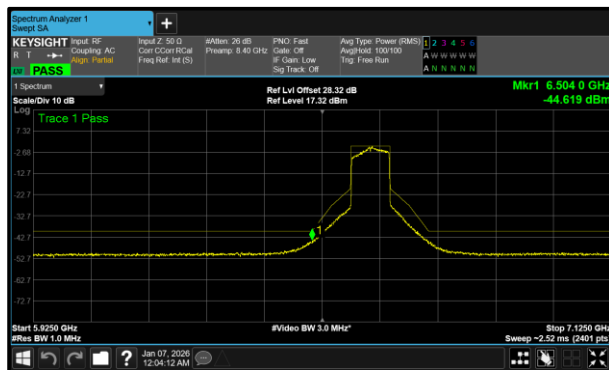


**Figure 350 - A (Core 0) 802.11ax HE80 SU SP
6625 MHz (CH135)**

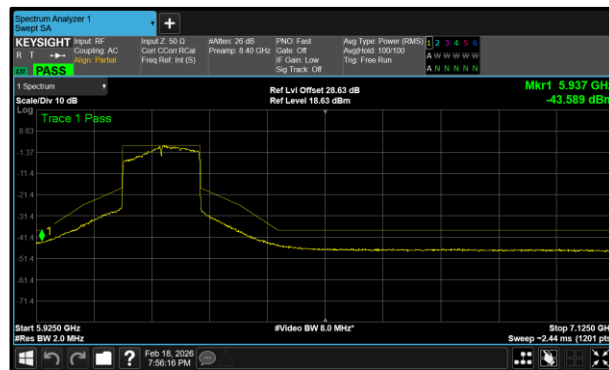


**Figure 351 - A (Core 0) 802.11ax HE160 SU SP
6185 MHz (CH47)**



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

DUT Configuration			
Mode:	802.11ax 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	-10.34	-10.45	-	-
6255	-11.32	-13.11	-	-
6415	-10.05	-9.27	-	-
6435	-13.47	-8.15	-	-
6475	-12.15	-7.92	-	-
6515	-8.78	-10.03	-	-
6535	-9.60	-10.07	-	-
6695	-11.87	-14.03	-	-
6855	-12.44	-10.83	-	-

Table 297 - Unwanted Emissions Within the Band Results



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

DUT Configuration			
Mode:	802.11ax 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	-10.61	-10.50	-	-
6165	-6.32	-8.09	-	-
6405	-9.33	-9.06	-	-
6445	-9.39	-8.59	-	-
6485	-9.70	-4.18	-	-
6525	-9.59	-7.20	-	-
6565	-8.12	-8.15	-	-
6685	-8.74	-9.29	-	-
6845	-9.71	-7.80	-	-

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	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:	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	-8.52	-9.60	-	-
6145	-9.73	-9.24	-	-
6385	-9.48	-8.23	-	-
6465	-7.97	-6.32	-	-
6545	-6.29	-6.41	-	-
6625	-4.83	-8.83	-	-
6705	-8.88	-8.70	-	-
6785	-8.13	-7.85	-	-

Table 299 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz	Band:	U-NII-5 U-NII-6 U-NII-7
Limit Clause(s):	15.407(b)	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	-9.03	-9.23	-	-
6185	-5.39	-6.86	-	-
6345	-6.06	-8.22	-	-
6505	-8.15	-5.71	-	-
6665	-6.06	-5.62	-	-

Table 300 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 LPI	-11.09	6683.900
802.11ax HE20 RU26 LPI	-10.57	6464.000
802.11ax HE20 RU52 LPI	-11.64	6883.900

Table 301 - Unwanted Emissions Within the RLAN Band Summary Results, MIMO SDM

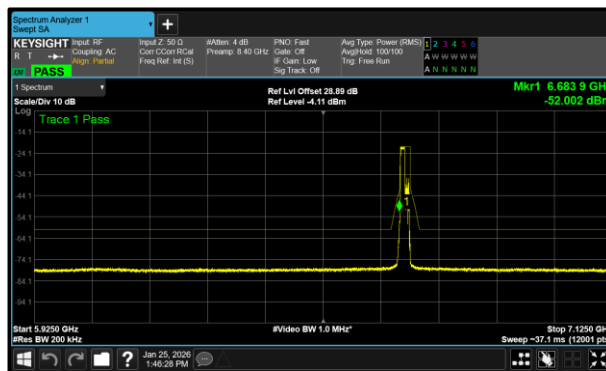


**Figure 352 - A (Core 0) 802.11ax HE20 RU106 LPI
6695 MHz (CH149)**

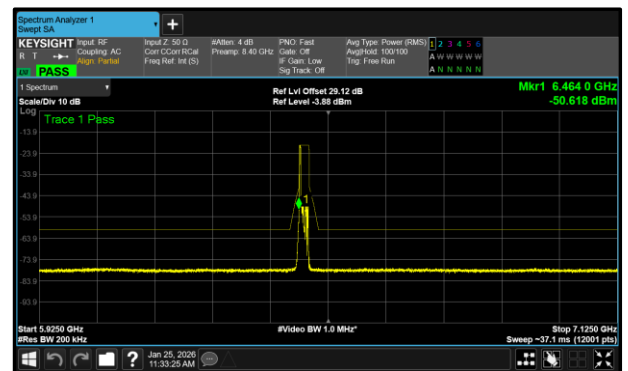


**Figure 353 - A (Core 0) 802.11ax HE20 RU26 LPI
6475 MHz (CH105)**

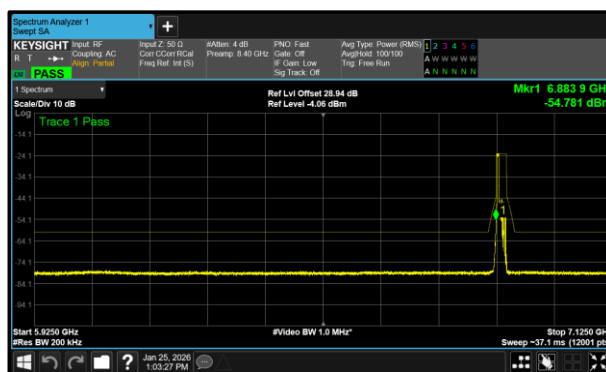


**Figure 354 - B (Core 1) 802.11ax HE20 RU52 LPI
6895 MHz (CH189)**



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)	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)	-12.47	-12.89	-	-
6175 (RU26.0)	-12.56	-12.41	-	-
6415 (RU26.8)	-12.83	-13.68	-	-
6435 (RU26.0)	-11.12	-12.54	-	-
6475 (RU26.0)	-10.57	-12.56	-	-
6515 (RU26.8)	-13.96	-13.28	-	-
6535 (RU26.0)	-11.95	-11.95	-	-
6695 (RU26.0)	-11.90	-12.64	-	-
6855 (RU26.8)	-13.55	-12.05	-	-
6875 (RU26.3)	-17.59	-17.94	-	-
6875 (RU26.5)	-17.78	-18.04	-	-
6895 (RU26.0)	-12.49	-12.26	-	-
6995 (RU26.0)	-11.51	-12.38	-	-
7095 (RU26.8)	-13.56	-12.72	-	-

Table 302 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 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 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)	-12.23	-12.89	-	-
6175 (RU52.37)	-12.44	-12.30	-	-
6415 (RU52.40)	-13.52	-12.98	-	-
6435 (RU52.37)	-11.89	-12.66	-	-
6475 (RU52.37)	-12.67	-13.42	-	-
6515 (RU52.40)	-12.58	-14.21	-	-
6535 (RU52.37)	-13.22	-12.70	-	-
6695 (RU52.37)	-12.97	-12.88	-	-
6855 (RU52.40)	-12.66	-13.77	-	-
6875 (RU52.38)	-17.69	-17.82	-	-
6875 (RU52.39)	-17.74	-17.86	-	-
6895 (RU52.37)	-12.46	-11.64	-	-
6995 (RU52.37)	-12.27	-13.73	-	-
7095 (RU52.40)	-12.96	-13.16	-	-

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 6.875-7.125 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 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)	-12.40	-12.61	-	-
6175 (RU106.53)	-12.21	-12.02	-	-
6415 (RU106.54)	-14.17	-14.03	-	-
6435 (RU106.53)	-11.47	-11.41	-	-
6475 (RU106.53)	-13.51	-12.15	-	-
6515 (RU106.54)	-13.71	-11.52	-	-
6535 (RU106.53)	-11.17	-11.97	-	-
6695 (RU106.53)	-11.09	-13.04	-	-
6855 (RU106.54)	-13.30	-12.27	-	-
6875 (RU106.53)	-12.79	-11.52	-	-
6875 (RU106.54)	-15.08	-12.97	-	-
6895 (RU106.53)	-11.33	-12.12	-	-
6995 (RU106.53)	-11.62	-12.71	-	-
7095 (RU106.54)	-12.17	-12.77	-	-

Table 304 - Unwanted Emissions Within the Band Results



FCC 47 CFR Part 15, Limit Clause 15.407(b)(7)

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.



2.7.7 Test Location and Test Equipment Used

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

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
1500VA AC Power Supply	iTech	IT7324	5907	-	O/P Mon
Humidity & Temperature meter	R.S Components	1364	6148	12	28-Aug-2026
MXA Signal Analyzer	Keysight Technologies	N9020B	6416	24	07-May-2027
MXA Signal Analyser	Keysight Technologies	N9020B	6417	24	14-Oct-2027
MXA Signal Analyser	Keysight Technologies	N9020B	6419	24	17-Mar-2027
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6517	12	27-Feb-2026
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6518	12	23-Feb-2026
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6519	12	29-Nov-2026
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6520	12	29-Nov-2026
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6521	12	29-Nov-2026
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6526	12	27-Feb-2026
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6527	12	27-Feb-2026
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6529	12	13-Mar-2026
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6530	12	23-Feb-2026
AC Programmable Power Supply	iTech	IT7324	6662	-	O/P Mon
AC Programmable Power Supply	iTech	IT7324	6665	-	O/P Mon
Digital Thermometer	R.S Components	RS 5511	6739	12	07-Feb-2026

Table 305

TU - Traceability Unscheduled

O/P Mon - Output Monitored using calibrated equipment



2.8 Contention Based Protocol

2.8.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (d)(6)
ISED RSS-248, Clause 4.7

2.8.2 Equipment Under Test and Modification State

A3404, S/N: GR7MN20VT3 - Modification State 0
A3404, S/N: DK9CMV9X2C - Modification State 0

2.8.3 Date of Test

06-November-2025 to 07-November-2025

2.8.4 Test Method

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

The EUT was tested in SISO mode on Core 0, as this the port has the lowest gain antenna.

The EUT was set to HE20 MCS0 (Minimum) & HE160 MCS0 (Maximum)

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 signaling 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.

During tests on CBP, it was verified that the device does not employ bandwidth reduction for the avoidance of incumbent signals.

2.8.5 Environmental Conditions

Ambient Temperature	24.2 - 25.1 °C
Relative Humidity	48.1 - 59.8 %

2.8.6 Test Results

6GHz WLAN

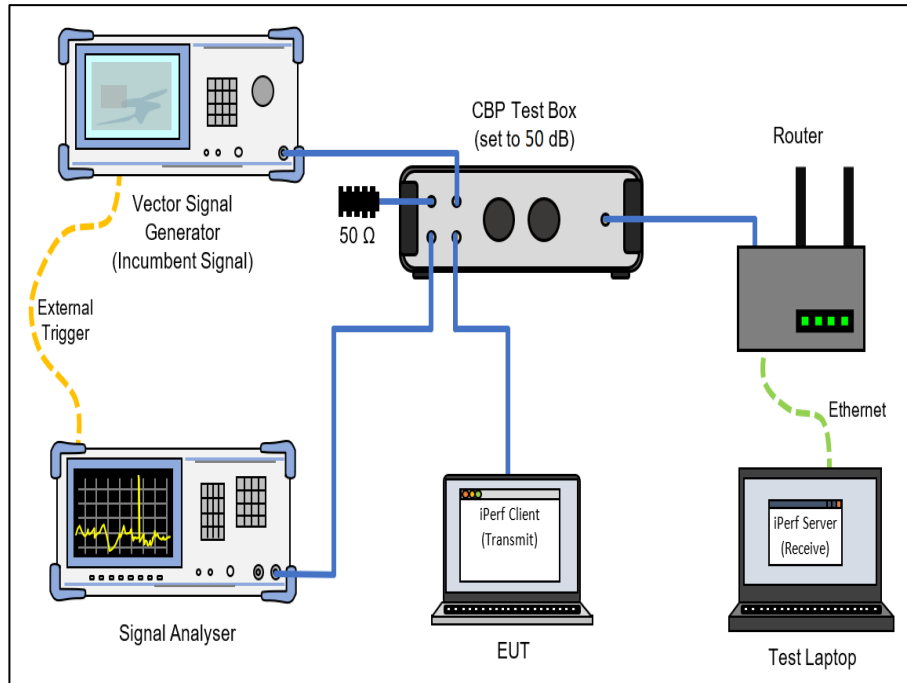


Figure 355 - Test Equipment Setup Diagram

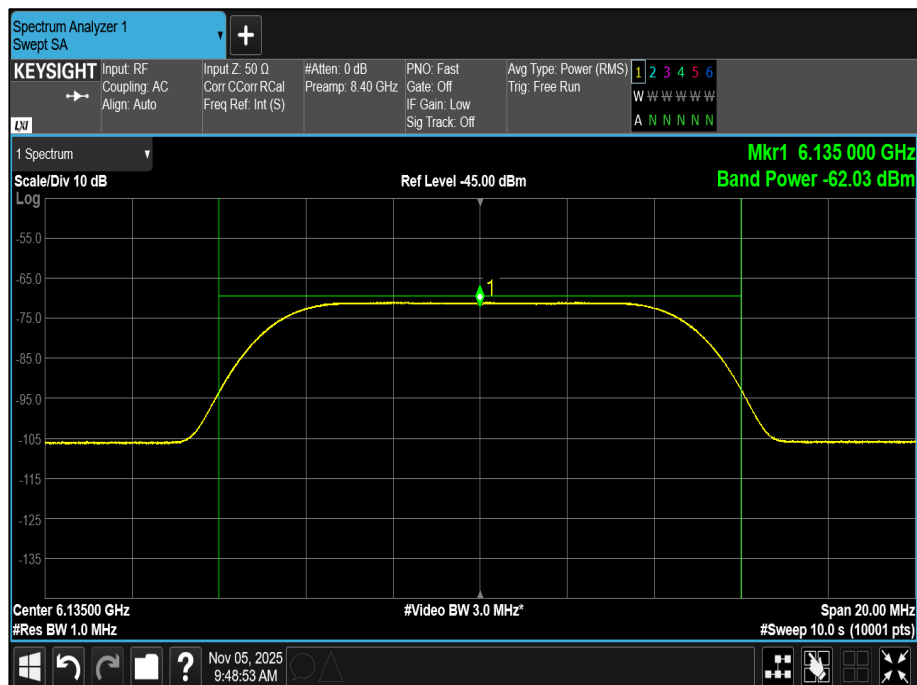


Figure 356 - Example of AWGN Signal



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)	-61.56	-60.26	-58.36
Antenna Gain (dBi)	6.5	6.5	6.5
Adjusted Power (dBm)	-68.06	-66.76	-64.86
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 306 - U-NII-5, Minimum Bandwidth

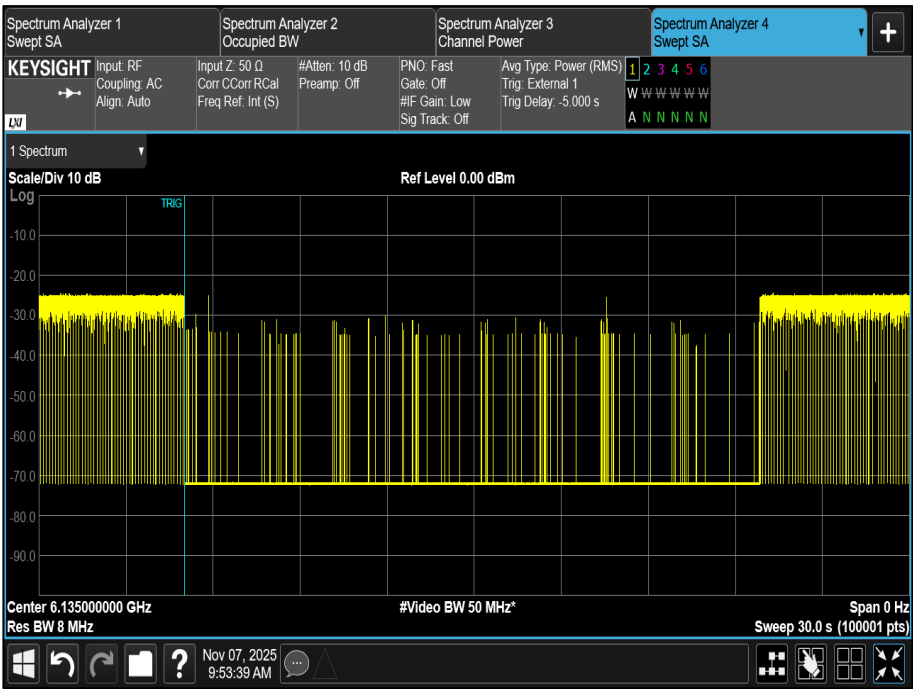


Figure 357 - U-NII-5, Minimum Bandwidth, State: Minimal

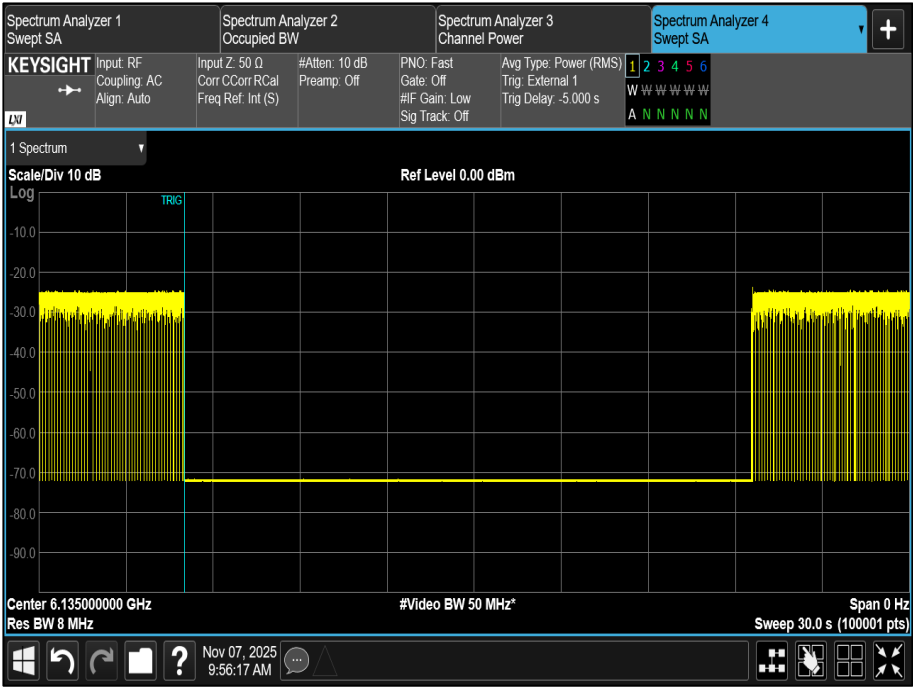


Figure 358 - U-NII-5, Minimum Bandwidth, State: Off



Parameter	Results		
U-NII Band	5	5	5
Channel Number	47	47	47
Bandwidth (MHz)	160	160	160
DUT Centre Frequency (MHz)	6185	6185	6185
AWGN Centre Frequency (MHz)	6110	6110	6110
AWGN Signal Power (dBm)	-68.44	-67.34	-66.24
Antenna Gain (dBi)	6.5	6.5	6.5
Adjusted Power (dBm)	-74.94	-73.84	-72.74
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 307 - U-NII-5, Maximum Bandwidth (AWGN Low)

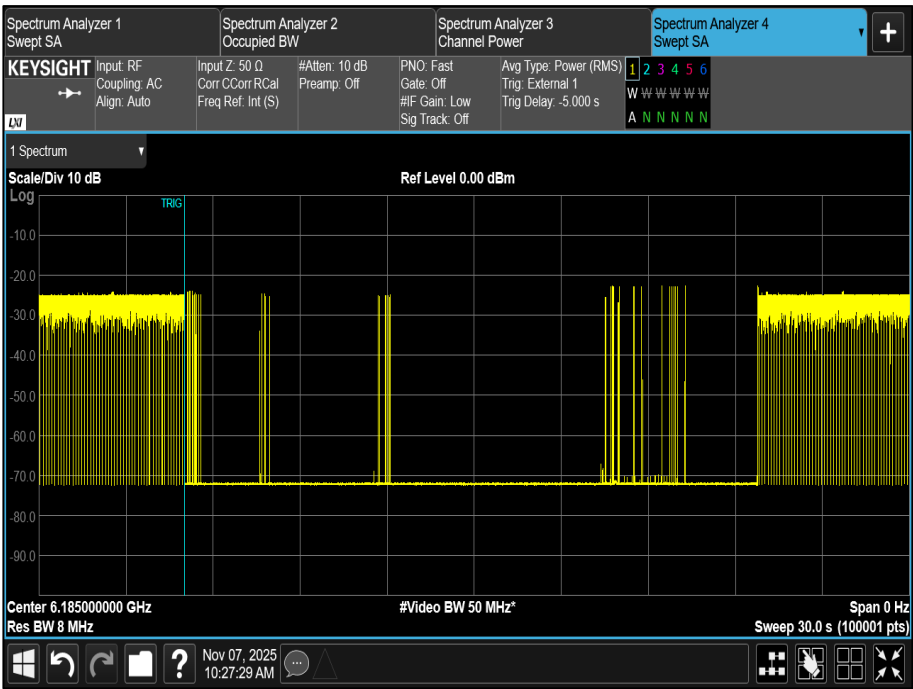


Figure 359 - U-NII-5, Maximum Bandwidth (AWGN Low), State: Minimal

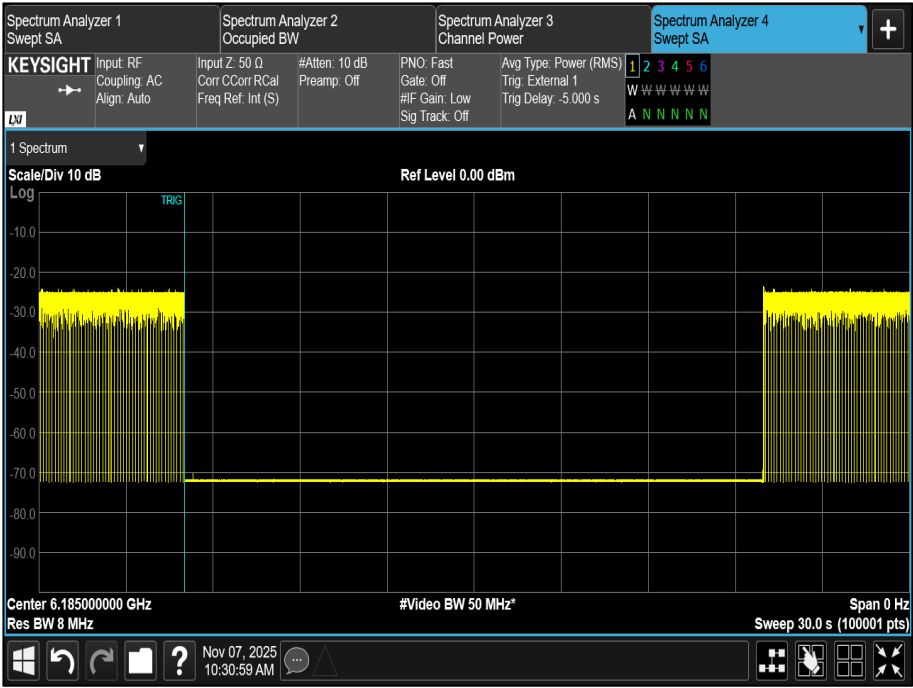


Figure 360 - U-NII-5, Maximum Bandwidth (AWGN Low), State: Off

Table 308 - U-NII-5, Maximum Bandwidth (AWGN Mid)



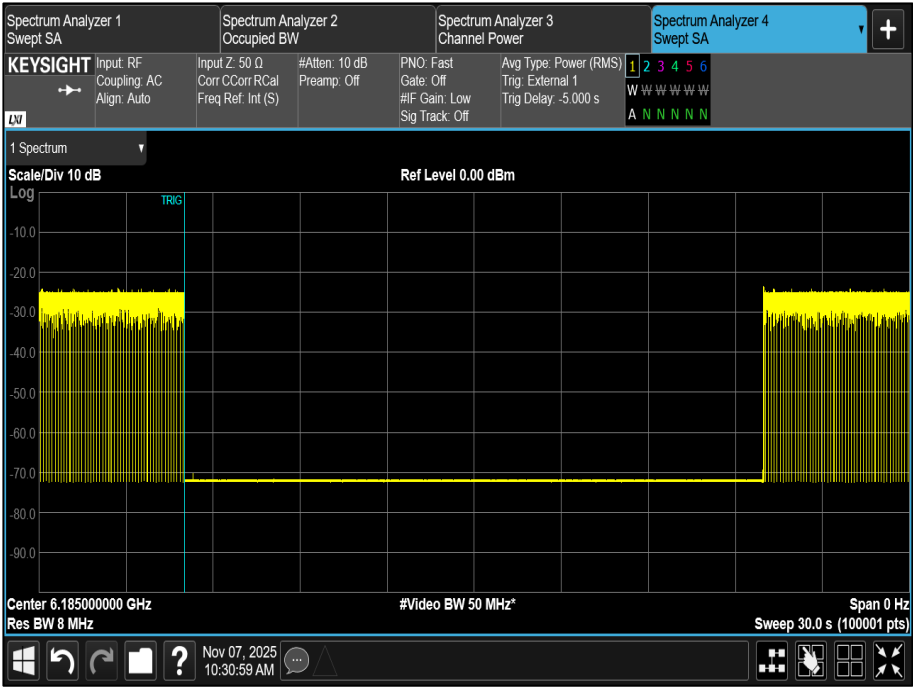


Figure 362 - U-NII-5, Maximum Bandwidth (AWGN Mid), State: Off

Parameter	Results		
U-NII Band	5	5	5
Channel Number	47	47	47
Bandwidth (MHz)	160	160	160
DUT Centre Frequency (MHz)	6185	6185	6185
AWGN Centre Frequency (MHz)	6260	6260	6260
AWGN Signal Power (dBm)	-68.62	-68.02	-66.52
Antenna Gain (dBi)	6.5	6.5	6.5
Adjusted Power (dBm)	-75.12	-74.52	-73.02
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 309 - U-NII-5, Maximum Bandwidth (AWGN High)



Figure 363 - U-NII-5, Maximum Bandwidth (AWGN High), State: Minimal

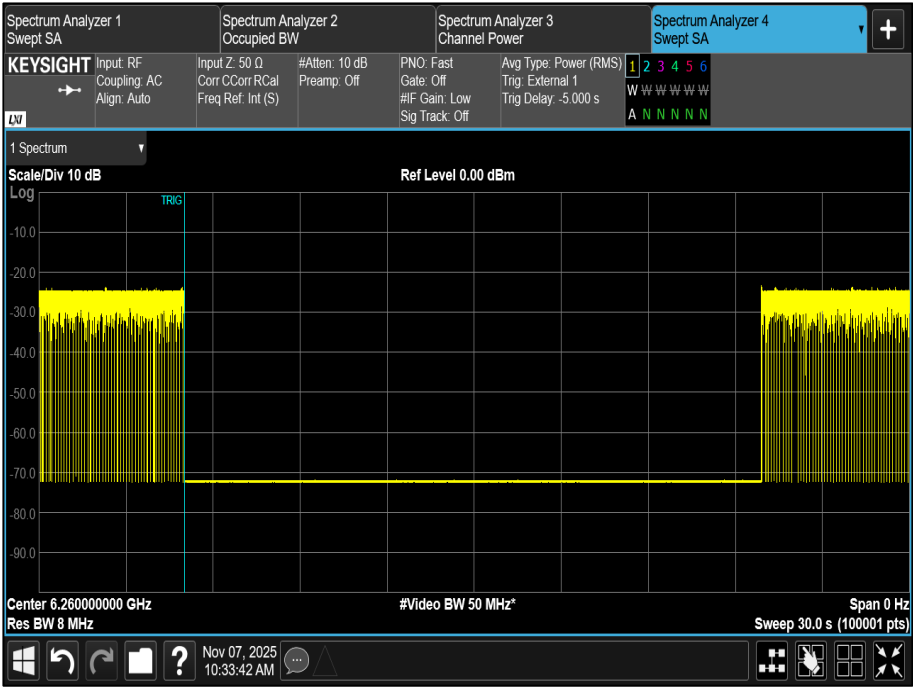


Figure 364 - U-NII-5, Maximum Bandwidth (AWGN High), State: Off



Parameter	Results		
U-NII Band	6	6	6
Channel Number	101	101	101
Bandwidth (MHz)	20	20	20
DUT Centre Frequency (MHz)	6455	6455	6455
AWGN Centre Frequency (MHz)	6455	6455	6455
AWGN Signal Power (dBm)	-62.44	-60.44	-58.24
Antenna Gain (dBi)	6.8	6.8	6.8
Adjusted Power (dBm)	-69.24	-67.24	-65.04
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 310 - U-NII-6, Minimum Bandwidth

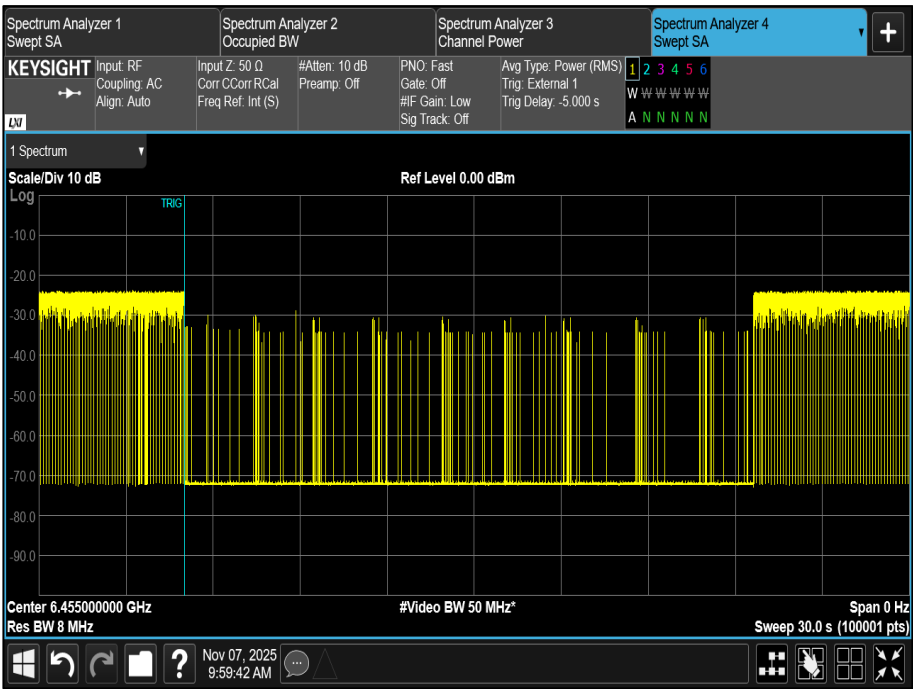


Figure 365 - U-NII-6, Minimum Bandwidth, State: Minimal

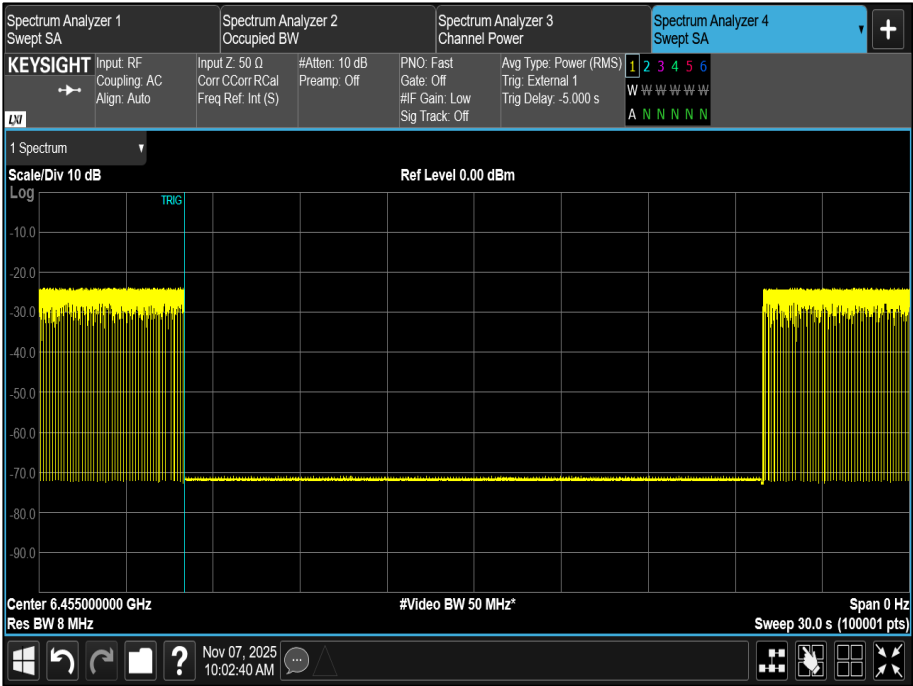


Figure 366 - U-NII-6, Minimum Bandwidth, State: Off

Parameter	Results		
U-NII Band	6	6	6
Channel Number	111	111	111
Bandwidth (MHz)	160	160	160
DUT Centre Frequency (MHz)	6505	6505	6505
AWGN Centre Frequency (MHz)	6430	6430	6430
AWGN Signal Power (dBm)	-67.78	-67.38	-66.78
Antenna Gain (dBi)	6.8	6.8	6.8
Adjusted Power (dBm)	-74.58	-74.18	-73.58
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 311 - U-NII-6, Maximum Bandwidth (AWGN Low)

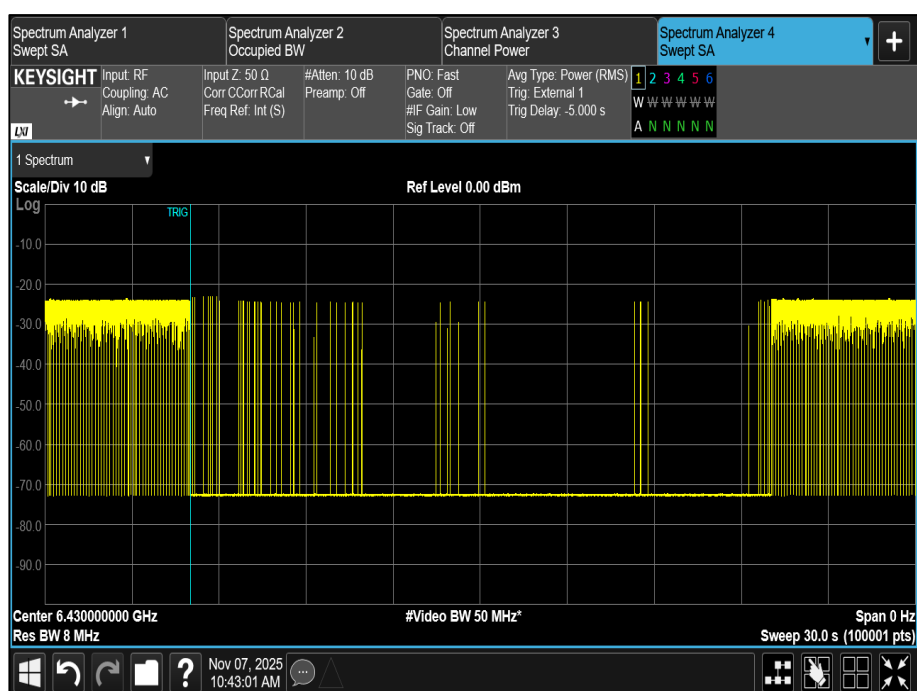


Figure 367 - U-NII-6, Maximum Bandwidth (AWGN Low), State: Minimal





Parameter	Results		
U-NII Band	6	6	6
Channel Number	111	111	111
Bandwidth (MHz)	160	160	160
DUT Centre Frequency (MHz)	6505	6505	6505
AWGN Centre Frequency (MHz)	6505	6505	6505
AWGN Signal Power (dBm)	-59.39	-58.59	-57.09
Antenna Gain (dBi)	6.8	6.8	6.8
Adjusted Power (dBm)	-66.19	-65.39	-63.89
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 312 - U-NII-6, Maximum Bandwidth (AWGN Mid)

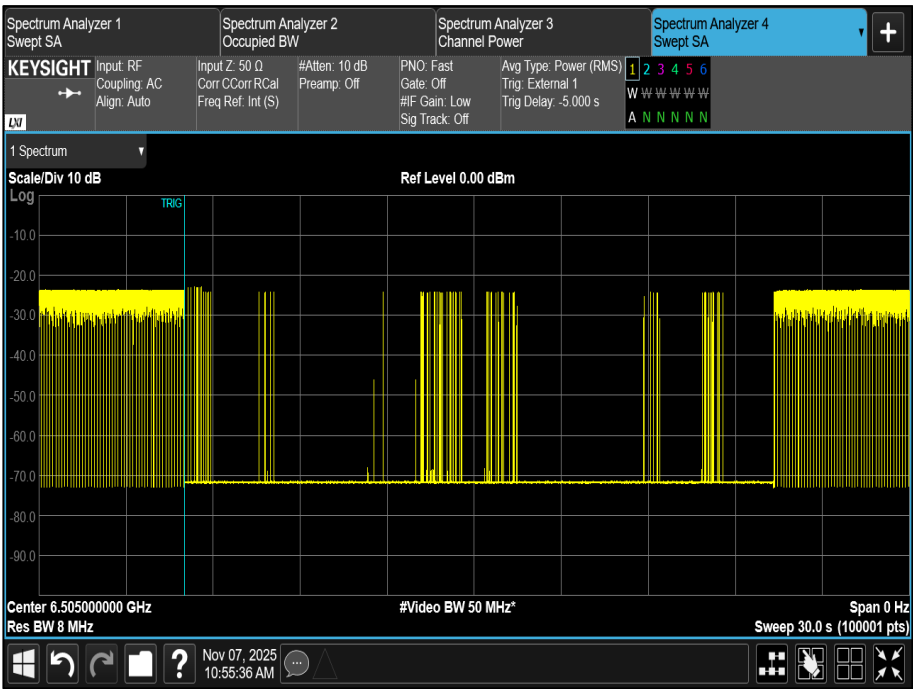


Figure 369 - U-NII-6, Maximum Bandwidth (AWGN Mid), State: Minimal



Figure 370 - U-NII-6, Maximum Bandwidth (AWGN Mid), State: Off

Table 313 - U-NII-6, Maximum Bandwidth (AWGN High)



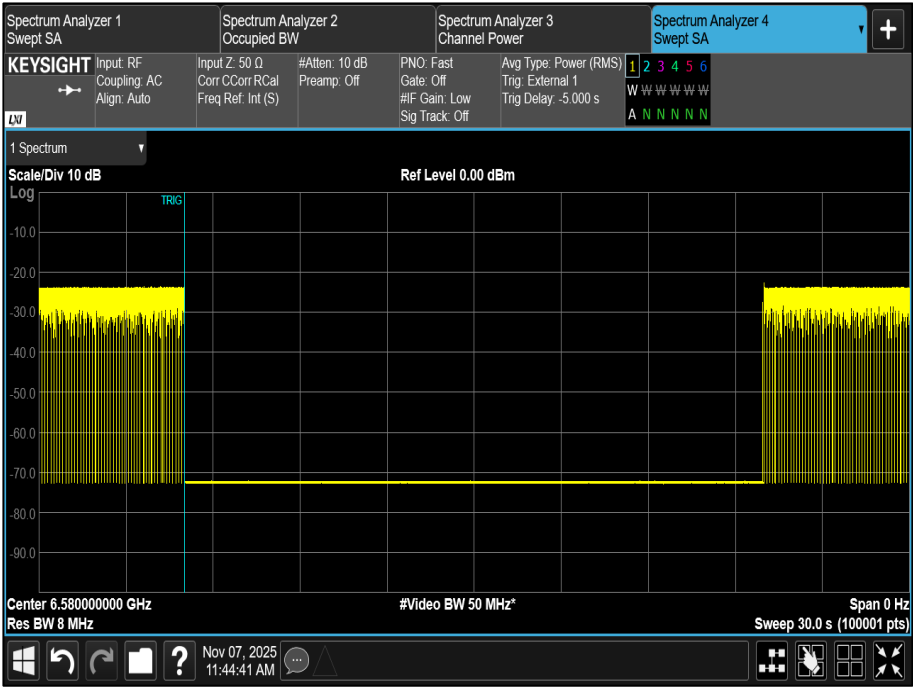


Figure 372 - U-NII-6, Maximum Bandwidth (AWGN High), State: Off



Parameter	Results		
U-NII Band	7	7	7
Channel Number	133	133	133
Bandwidth (MHz)	20	20	20
DUT Centre Frequency (MHz)	6615	6615	6615
AWGN Centre Frequency (MHz)	6615	6615	6615
AWGN Signal Power (dBm)	-63.14	-62.14	-58.44
Antenna Gain (dBi)	5.9	5.9	5.9
Adjusted Power (dBm)	-69.04	-68.04	-64.34
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 314 - U-NII-7, Minimum Bandwidth

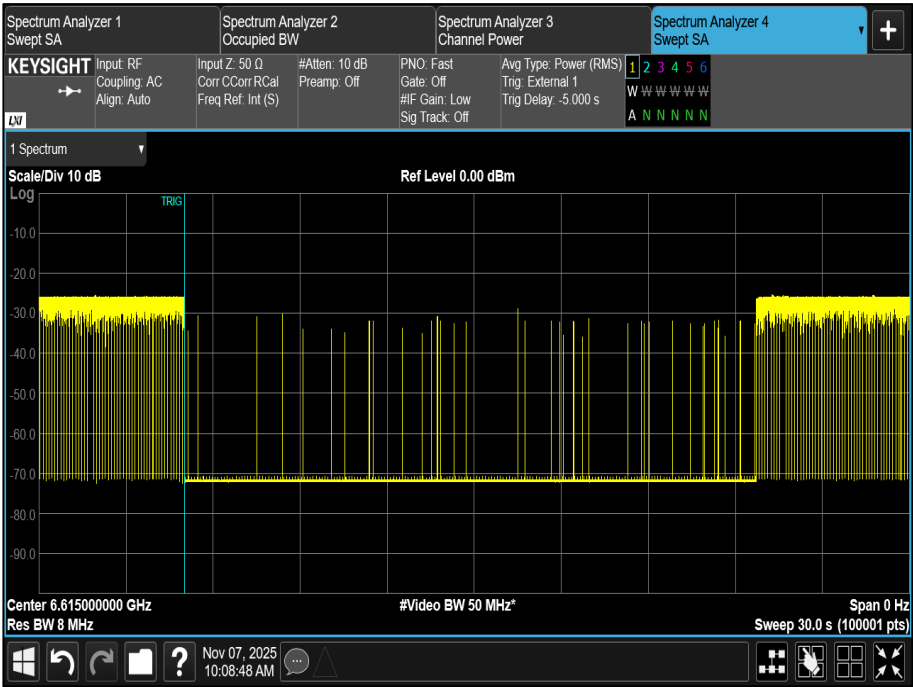


Figure 373 - U-NII-7, Minimum Bandwidth, State: Minimal

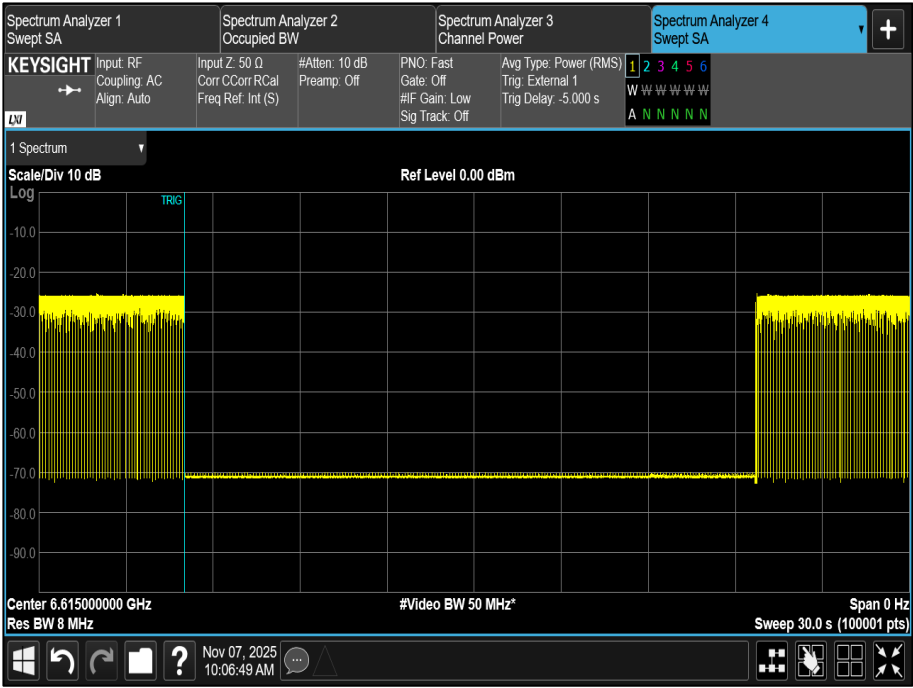


Figure 374 - U-NII-7, Minimum Bandwidth, State: Off

Parameter	Results		
U-NII Band	7	7	7
Channel Number	143	143	143
Bandwidth (MHz)	160	160	160
DUT Centre Frequency (MHz)	6665	6665	6665
AWGN Centre Frequency (MHz)	6590	6590	6590
AWGN Signal Power (dBm)	-69.77	-68.77	-66.57
Antenna Gain (dBi)	5.9	5.9	5.9
Adjusted Power (dBm)	-75.67	-74.67	-72.47
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 315 - U-NII-7, Maximum Bandwidth (AWGN Low)

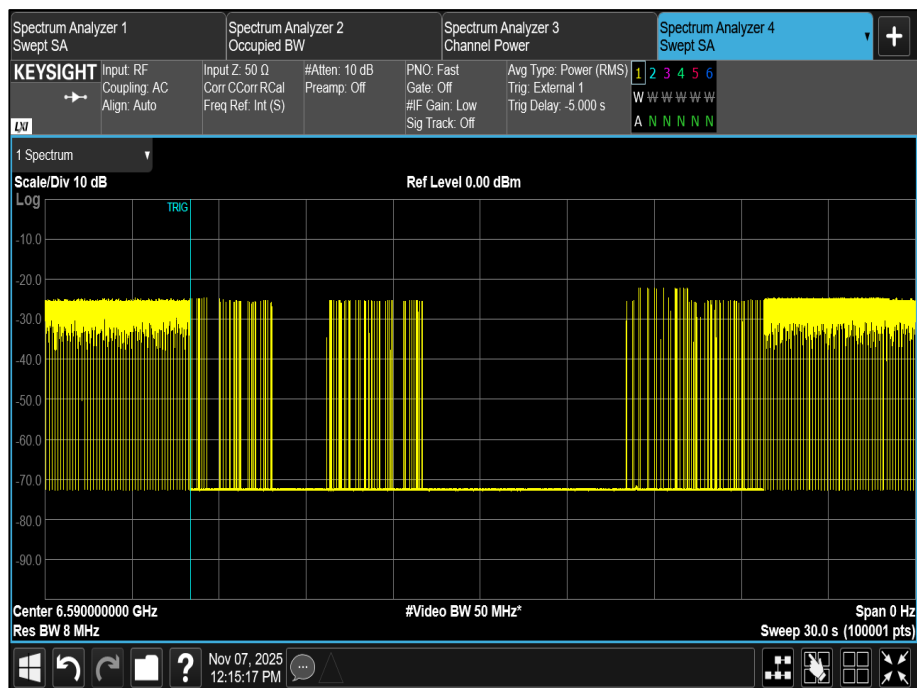


Figure 375 - U-NII-7, Maximum Bandwidth (AWGN Low), State: Minimal

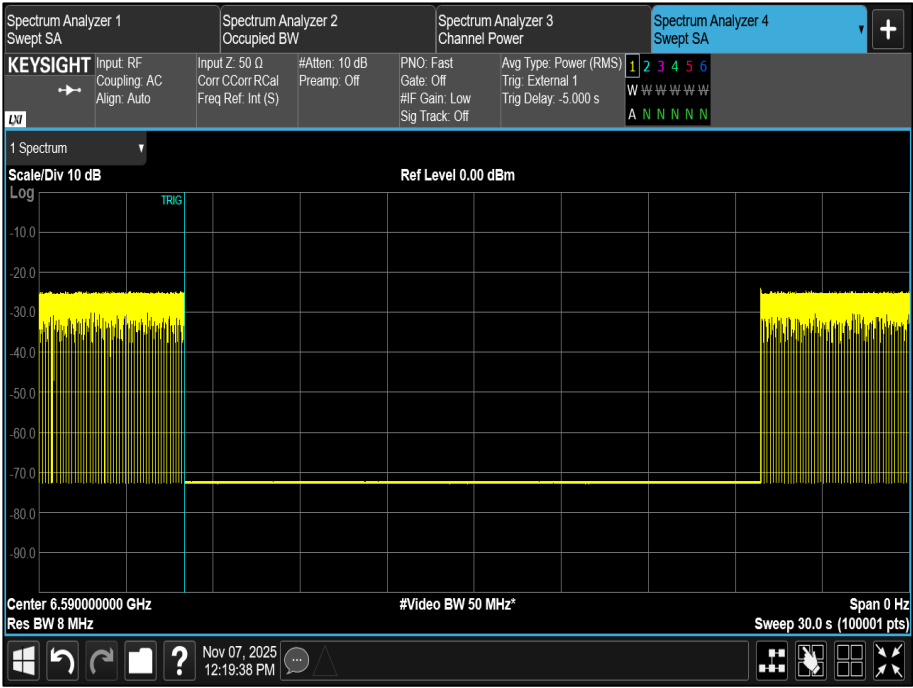


Figure 376 - U-NII-7, Maximum Bandwidth (AWGN Low), State: Off

Table 316 - U-NII-7, Maximum Bandwidth (AWGN Mid)

Figure 377 - U-NII-7, Maximum Bandwidth (AWGN Mid), State: Minimal

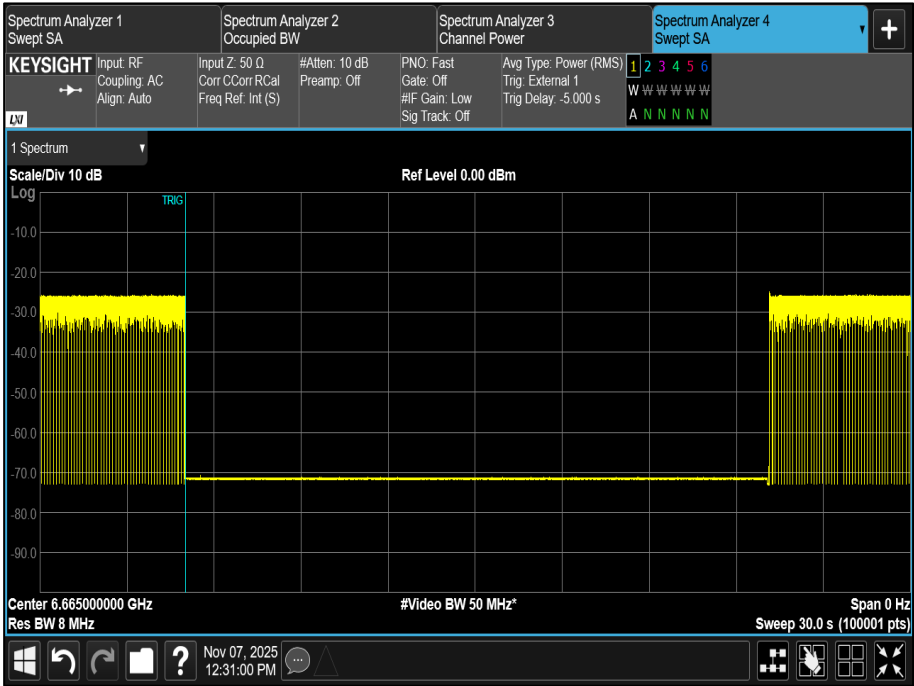


Figure 378 - U-NII-7, Maximum Bandwidth (AWGN Mid), State: Off



Parameter	Results		
U-NII Band	7	7	7
Channel Number	143	143	143
Bandwidth (MHz)	160	160	160
DUT Centre Frequency (MHz)	6665	6665	6665
AWGN Centre Frequency (MHz)	6740	6740	6740
AWGN Signal Power (dBm)	-69.10	-68.40	-65.50
Antenna Gain (dBi)	5.9	5.9	5.9
Adjusted Power (dBm)	-75.00	-74.30	-71.40
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 317 - U-NII-7, Maximum Bandwidth (AWGN High)

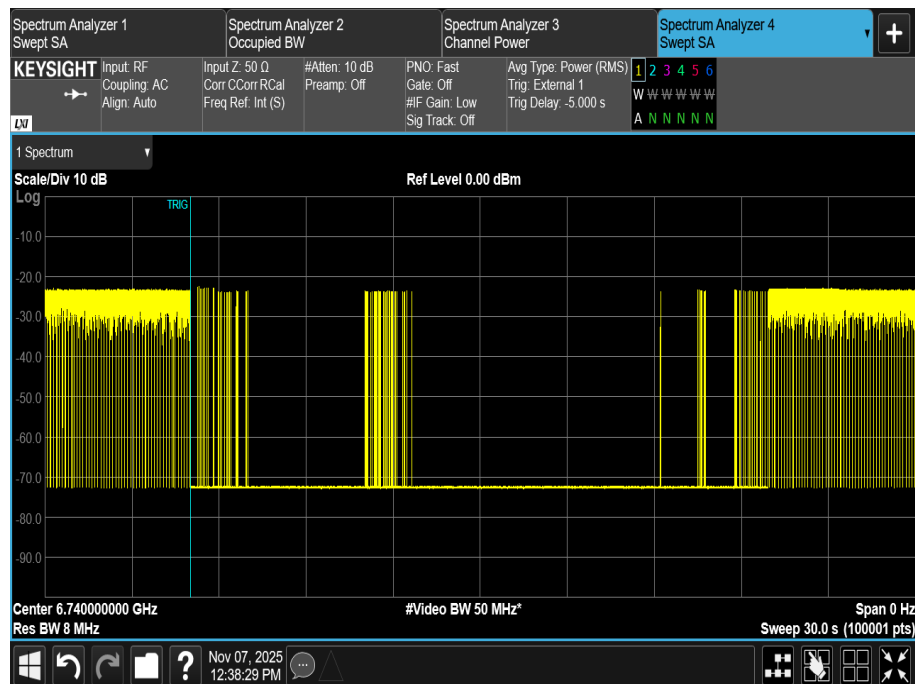


Figure 379 - U-NII-7, Maximum Bandwidth (AWGN High), State: Minimal

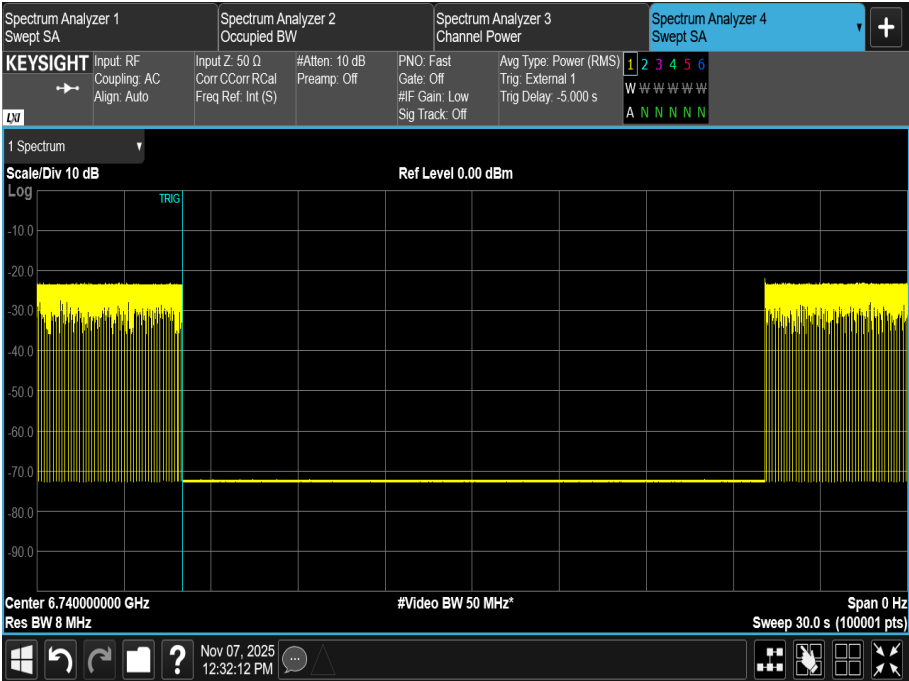


Figure 380 - U-NII-7, Maximum Bandwidth (AWGN High), State: Off



Parameter	Results		
U-NII Band	8	8	8
Channel Number	197	197	197
Bandwidth (MHz)	20	20	20
DUT Centre Frequency (MHz)	6935	6935	6935
AWGN Centre Frequency (MHz)	6935	6935	6935
AWGN Signal Power (dBm)	-62.61	-60.81	-59.11
Antenna Gain (dBi)	7.1	7.1	7.1
Adjusted Power (dBm)	-69.71	-67.91	-66.21
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 318 - U-NII-8, Minimum Bandwidth

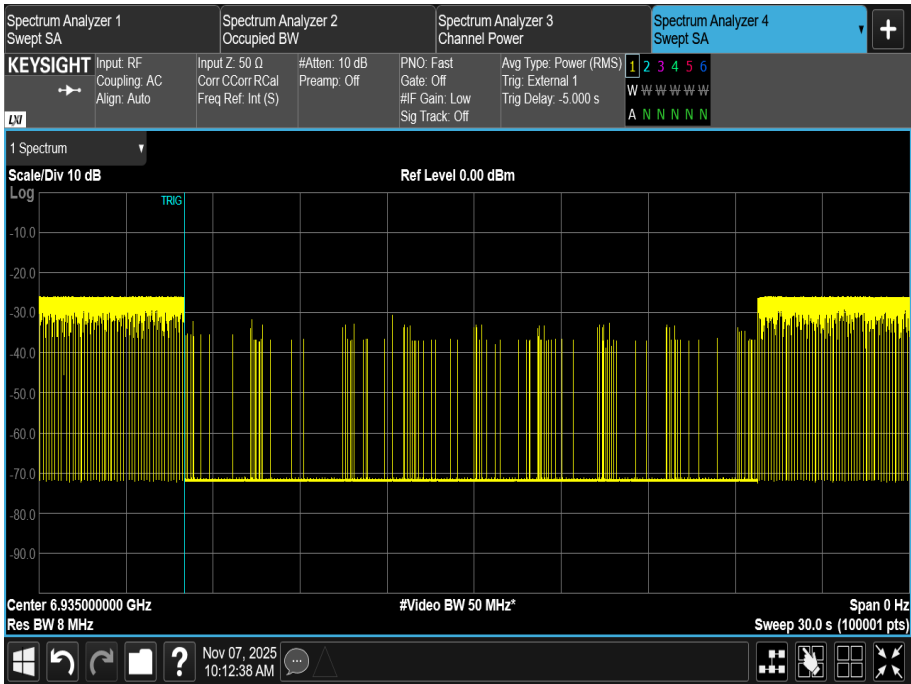


Figure 381 - U-NII-8, Minimum Bandwidth, State: Minimal

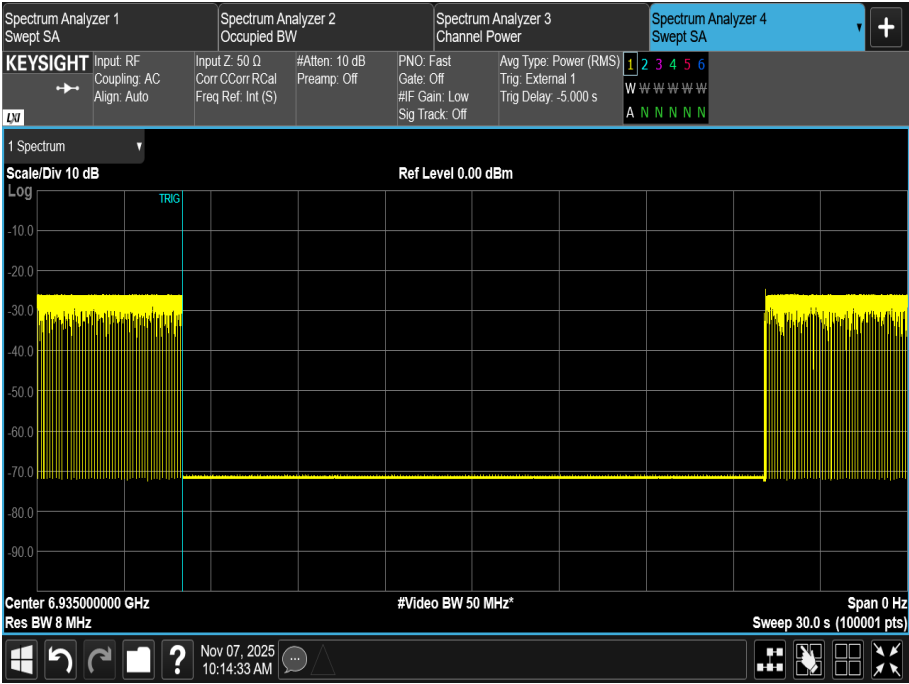


Figure 382 - U-NII-8, Minimum Bandwidth, State: Off



Parameter	Results		
U-NII Band	8	8	8
Channel Number	207	207	207
Bandwidth (MHz)	160	160	160
DUT Centre Frequency (MHz)	6985	6985	6985
AWGN Centre Frequency (MHz)	6910	6910	6910
AWGN Signal Power (dBm)	-68.74	-67.74	-66.34
Antenna Gain (dBi)	7.1	7.1	7.1
Adjusted Power (dBm)	-75.84	-74.84	-73.44
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 319 - U-NII-8, Maximum Bandwidth (AWGN Low)

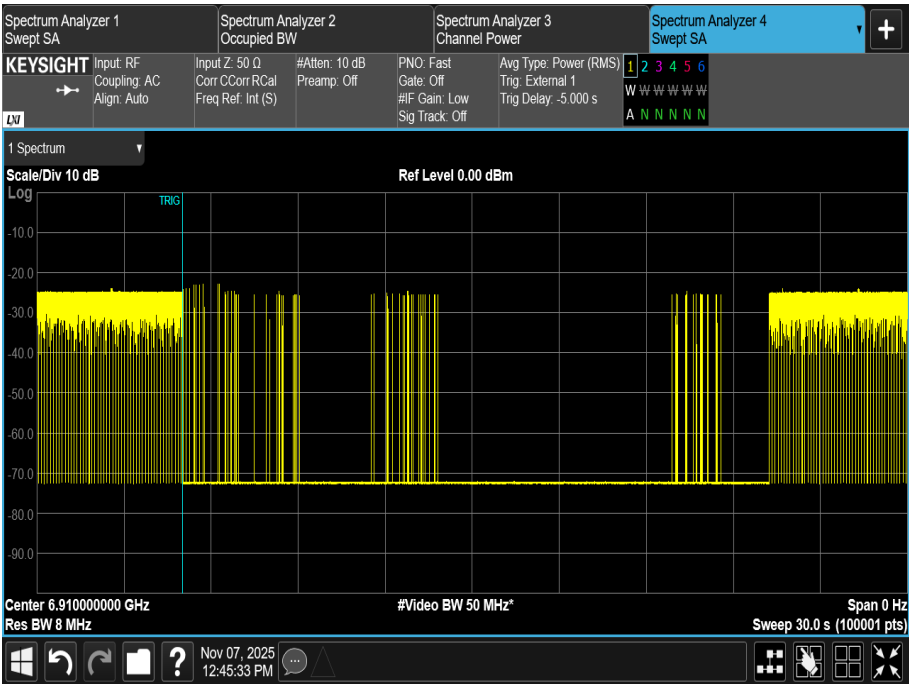


Figure 383 - U-NII-8, Maximum Bandwidth (AWGN Low), State: Minimal

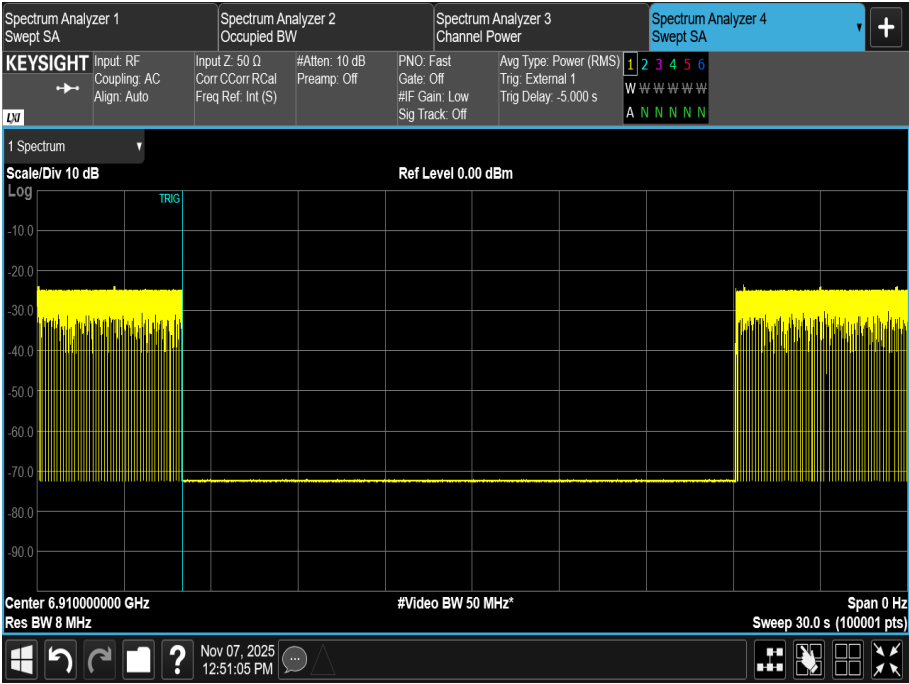


Figure 384 - U-NII-8, Maximum Bandwidth (AWGN Low), State: Off



Parameter	Results		
U-NII Band	8	8	8
Channel Number	207	207	207
Bandwidth (MHz)	160	160	160
DUT Centre Frequency (MHz)	6985	6985	6985
AWGN Centre Frequency (MHz)	6985	6985	6985
AWGN Signal Power (dBm)	-61.69	-60.39	-58.79
Antenna Gain (dBi)	7.1	7.1	7.1
Adjusted Power (dBm)	-68.79	-67.49	-65.89
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 320 - U-NII-8, Maximum Bandwidth (AWGN Mid)



Figure 385 - U-NII-8, Maximum Bandwidth (AWGN Mid), State: Minimal

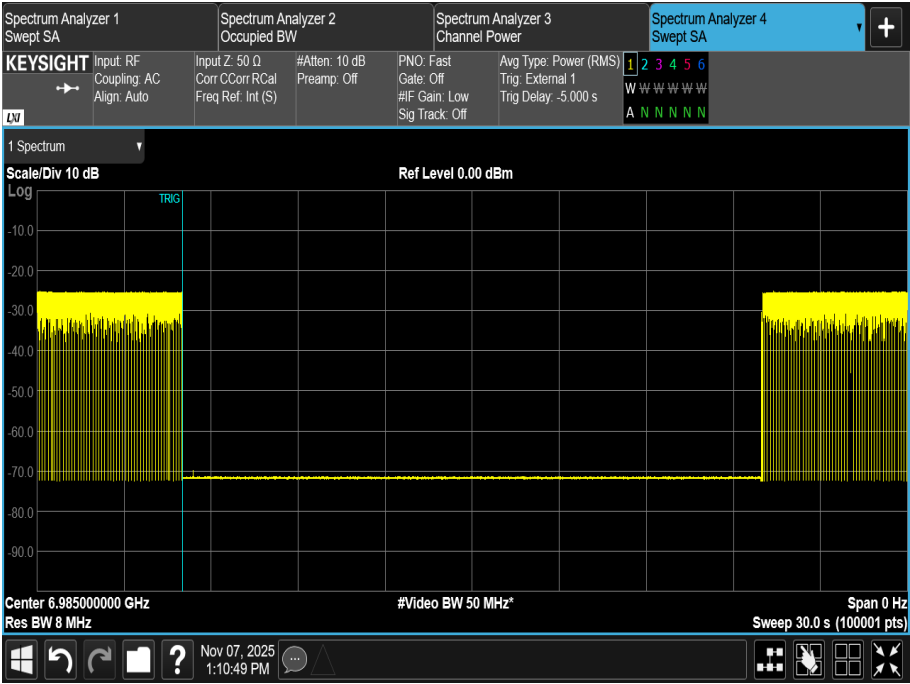


Figure 386 - U-NII-8, Maximum Bandwidth (AWGN Mid), State: Off



Parameter	Results		
U-NII Band	8	8	8
Channel Number	207	207	207
Bandwidth (MHz)	160	160	160
DUT Centre Frequency (MHz)	6985	6985	6985
AWGN Centre Frequency (MHz)	7060	7060	7060
AWGN Signal Power (dBm)	-67.82	-67.12	-65.72
Antenna Gain (dBi)	7.1	7.1	7.1
Adjusted Power (dBm)	-74.92	-74.22	-72.82
Detection Limit (dBm)	-62.0	-62.0	-62.0
EUT Tx Status (OFF/Minimal/ON)	ON	Minimal	OFF

Table 321 - U-NII-8, Maximum Bandwidth (AWGN High)

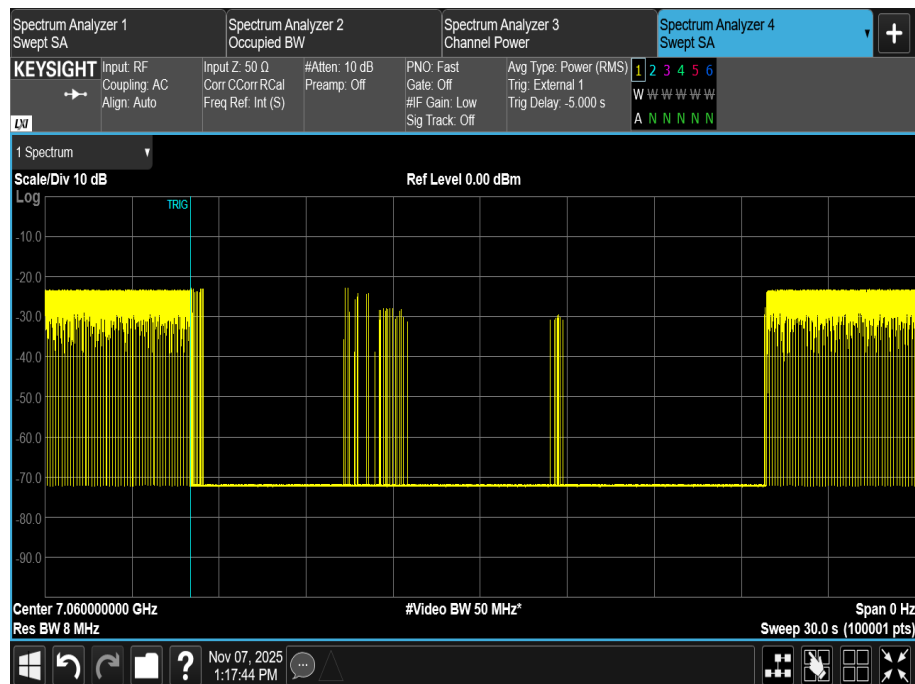


Figure 387 - U-NII-8, Maximum Bandwidth (AWGN High), State: Minimal

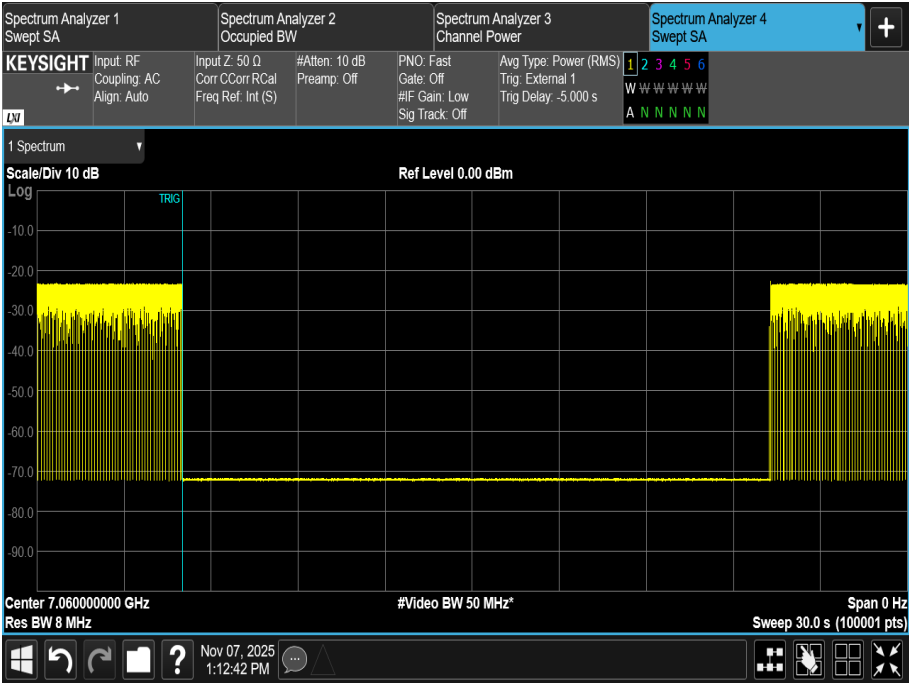


Figure 388 - U-NII-8, Maximum Bandwidth (AWGN High), State: Off



FCC 47 CFR Part 15.407 (d)(6)

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band must employ a contention-based protocol.

KDB 987594, Limit Clause I

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band (herein referred to as unlicensed devices) are required to use technologies that include a contention-based protocol to avoid co-channel interference with incumbent devices sharing the band. To ensure incumbent co-channel operations are detected in a technology-agnostic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission.

Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel (in which incumbent signal is transmitted) and stay off the incumbent channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain.

To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel. For example, an 802.11 device that plans to transmit a 40 MHz- wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater certainty.

ISED RSS-248, Limit Clause 4.7.2

The minimum detection threshold power is the received power referenced to a 0 dBi antenna. Devices shall use a contention-based protocol to detect the presence of any emissions on the channel that the device intends to occupy. The device shall be able to detect, within its entire occupied bandwidth, a radio frequency power of at least -62 dBm or lower.

If an emission is detected on a channel, the device shall cease transmissions and shall not resume transmissions on this channel while the detected radio frequency power is at or above the -62 dBm threshold.



2.8.7 Test Location and Test Equipment Used

This test was carried out in Shielded Laboratory 1.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Power Splitter	Mini-Circuits	ZN2PD2-14W-S+	7098	12	25-Jul-2026
3.5 mm 2m Cable	Junkosha	MWX221-02000DMS	5429	12	23-May-2026
Directional Coupler 2-8GHz	RF-Lambda	RFDC2G8G10	5766	-	O/P Mon
Test Coupling Network	TUV SUD	TUV_RxTest_001	6441	12	2-May-2026
Cable (N to N 1m)	Junkosha	MWX221-01000AMSAMS/B	6009	12	6-Jun-2026
Vector Signal Generator (7.5GHz)	Rohde & Schwarz	SMM100A	6532	36	11-Apr-2026
WiFi 6E Tri-Band Gaming Router	Asus	GT-AXE110000	5926	-	TU
3.5 mm 2m Cable	Junkosha	MWX221-02000DMS	5426	12	23-May-2026
2.92mm 1m cable	Junkosha	MWX211/B	5415	12	23-May-2026
MXA Signal Analyzer	Keysight Technologies	N9020B	6415	24	31-Mar-2027
Humidity & Temperature meter	Fluke	971	7102	12	5-Aug-2026

Table 322

TU - Traceability Unscheduled

O/P Mon - Output Monitored using calibrated equipment



2.9 Transmit Power Control; Very Low Power Devices

2.9.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (d)(10)
ISED RSS-248, Clause 4.5.6

2.9.2 Equipment Under Test and Modification State

A3404, S/N: G7GJ4614T5 - Modification State 0

2.9.3 Date of Test

12-January-2026

2.9.4 Test Method

The purpose of this test is to demonstrate the ability of the device under test (DUT) to increase and decrease its power by a minimum of 6 dB as the RSSI is decreased and increased.

The DUT and companion device was setup for peer-to-peer communication as shown in the test setup diagram below.

Initially the value of the step attenuator is set to 0 dB and the power spectral density (PSD) was measured, the result was noted as RSSI (High). The step attenuation was then increased up to a value of 50 dB and the PSD was measured again and this was noted as RSSI (Low). The difference in the PSD was computed and compared to the 6 dB requirement.

Measurements were taken for each core as shown in plots below, excluding corrections and any offsets. Offsets, including a duty cycle correction, were then applied and a combined PSD (EIRP) for the device was calculated and recorded in the table below.

2.9.5 Environmental Conditions

Ambient Temperature	24.6 °C
Relative Humidity	44.2 %

2.9.6 Test Results

6GHz WLAN

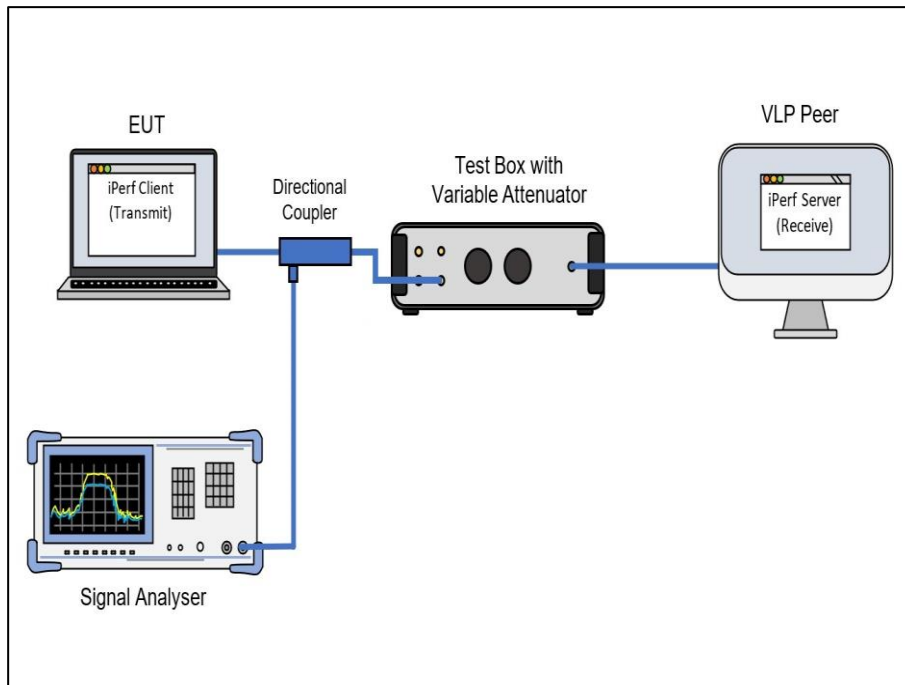


Figure 389 - Test Equipment Setup Diagram



CH	Frequency (MHz)	Bandwidth (MHz)	Power Spectral Density (dBm/MHz) EIRP		Δ PSD (dB)	Verdict
			RSSI (High)	RSSI (Low)		
47	6185	160	-9.38	-14.80	5.42	Pass

Table 323 - TPC VLP Results, Core 0

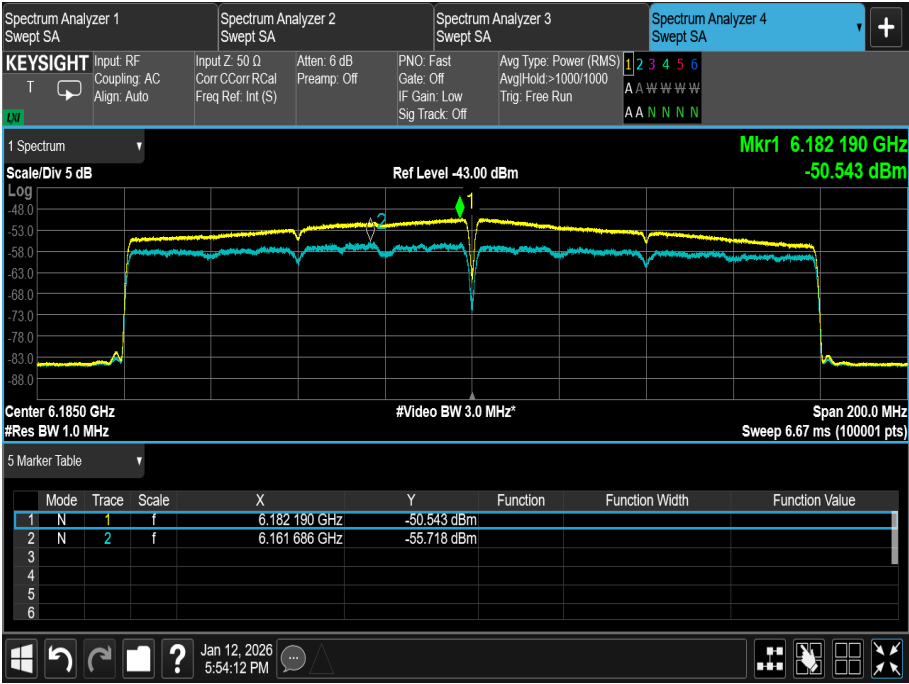


Figure 390 - TPC - Core 0 – RSSI

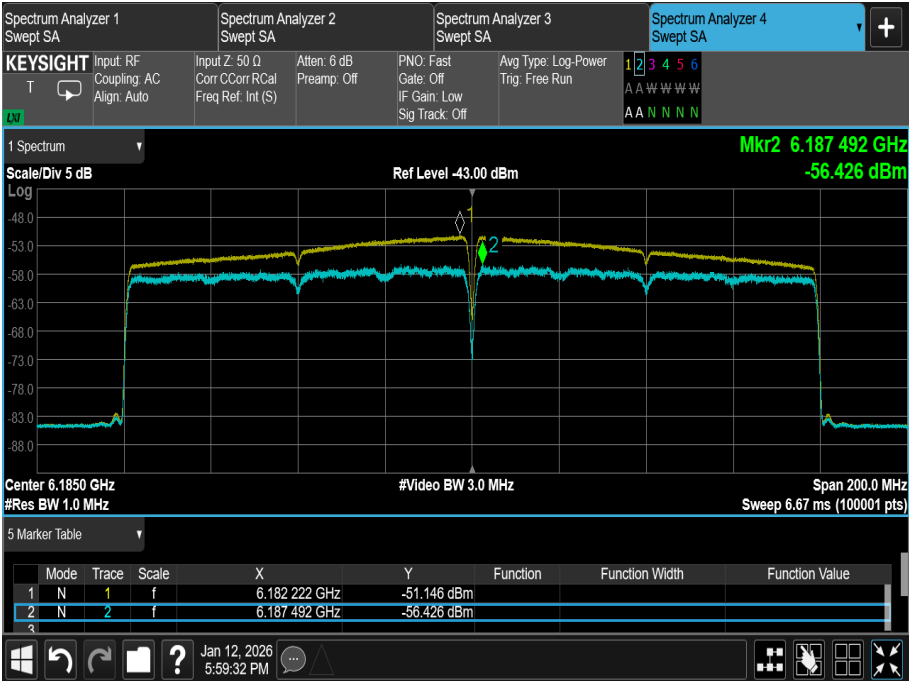


Figure 391 - TPC - Core 1 - RSSI

FCC 47 CFR Part 15, Limit Clause 15.407(d)(10)

Very low power devices operating in the 5.925-6.425 and 6.525-6.875 GHz bands shall employ a transmit power control (TPC) mechanism. A very low power device is required to have the capability to operate at least 6 dB below the maximum EIRP power spectral density (PSD) value of -5 dBm/MHz.



2.9.7 Test Location and Test Equipment Used

This test was carried out in Shielded Laboratory 1

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
3.5 mm 2m Cable	Junkosha	MWX221-02000DMS	5429	12	23-May-2026
Cable (K Type 2m)	Junkosha	MWX241-02000KMSKMS/B	5736	12	23-May-2026
Test Coupling Network	TUV SUD	TUV_RxTest_001	6441	12	2-May-2026
Cable (N to N 1m)	Junkosha	MWX221-01000AMSAMS/B	6009	12	6-Jun-2026
Vector Signal Generator (7.5GHz)	Rohde & Schwarz	SMM100A	6532	36	11-Apr-2026
3.5 mm 2m Cable	Junkosha	MWX221-02000DMS	5427	12	15-Aug-2026
MXA Signal Analyzer	Keysight Technologies	N9020B	6415	24	31-Mar-2027
Humidity & Temperature meter	Fluke	971	7102	12	5-Aug-2026
3.5mm Cable (1m)	Junkosha	MWX221/B	5837	12	15-Aug-2026
Cable (K Type 2m)	Junkosha	MWX241-02000KMSKMS/B	5938	12	15-Aug-2026
Test Coupling Network	TUV SUD	TUV_RxTest_001	6387	12	5-Dec-2026



3 Measurement Uncertainty

For a 95% confidence level, the measurement uncertainties for defined systems are:

Test Name	Measurement Uncertainty
Maximum Conducted Output Power	Method PM: ± 0.65 dB Method SA: ± 1.05 dB
Maximum Conducted Power Spectral Density	± 1.00 dB
Emission Bandwidth	± 3913.52 kHz
Authorised Band Edges	± 6.3 dB
Spurious Radiated Emissions	30 MHz to 1 GHz: ± 5.2 dB 1 GHz to 40 GHz: ± 6.3 dB
Unwanted Emissions within the 5925-7125 MHz band	± 3.45 dB
Contention Based Protocol	Time: 0.30% Interferer BW: 267.98 kHz Interferer Level: 0.80 dB
Dual Client Test	± 1.38 dB
Transmit Power Control; Very Low Power Devices	± 1.49 dB

Table 324

Measurement Uncertainty Decision Rule – Accuracy Method

Determination of conformity with the specification limits is based on the decision rule according to IEC Guide 115:2021, Clause 4.4.3 (Procedure 2). The measurement results are directly compared with the test limit to determine conformance with the requirements of the standard.

Risk: The uncertainty of measurement about the measured result is negligible with regard to the final pass/fail decision. The measurement result can be directly compared with the test limit to determine conformance with the requirement (compare IEC Guide 115). The level of risk to falsely accept and falsely reject items is further described in ILAC-G8.