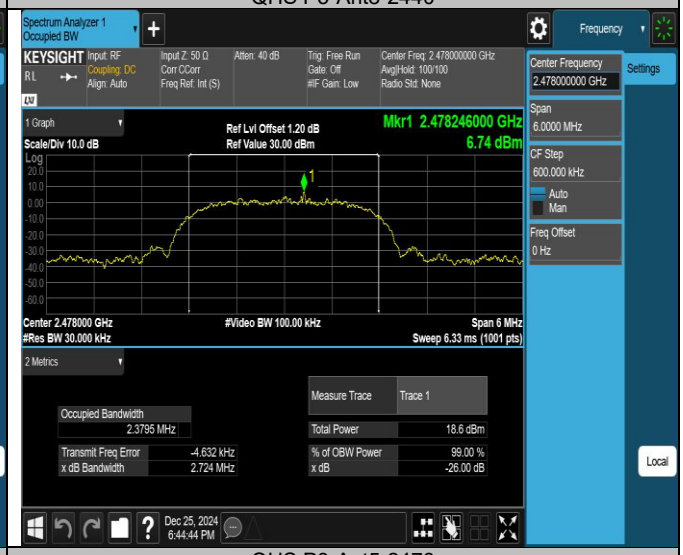
QHS P4-Ant8-2440

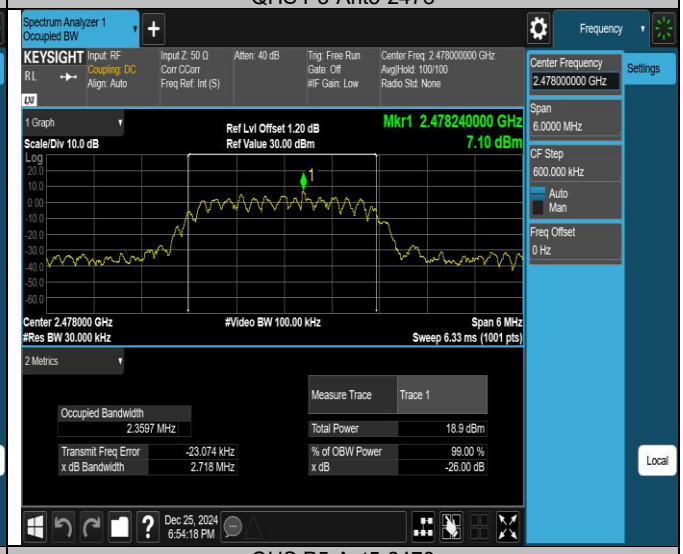
QHS P5-Ant8-2440

QHS P2-Ant5-2478



QHS P3-Ant5-2478

QHS P4-Ant5-2478



QHS P5-Ant5-2478

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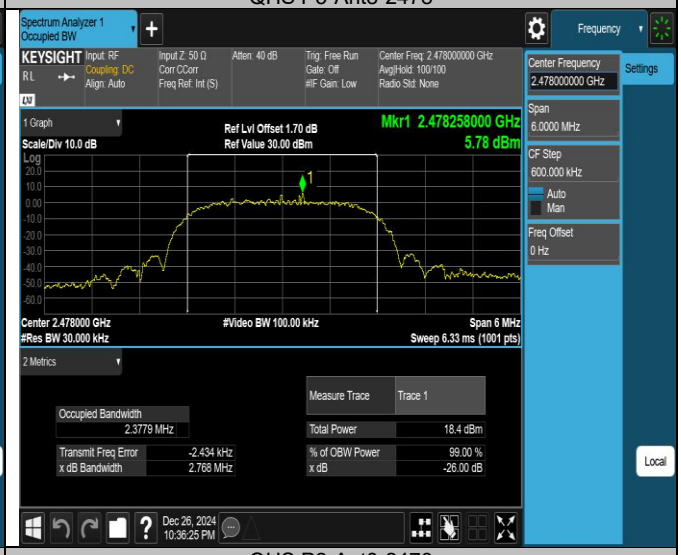
QHS P6-Ant5-2478

QHS P5-Ant8-2478

QHS P6-Ant8-2478



QHS P2-Ant8-2478

QHS P3-Ant8-2478

QHS P4-Ant8-2478

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Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Powert [dBm]	Limit[dBm]	Verdict
QHS P2	Ant5	2404	15.315	≤20.97	PASS
QHS P3	Ant5	2404	15.568	≤20.97	PASS
QHS P4	Ant5	2404	15.459	≤20.97	PASS
QHS P5	Ant5	2404	16.176	≤20.97	PASS
QHS P6	Ant5	2404	16.025	≤20.97	PASS
QHS P2	Ant8	2404	14.687	≤20.97	PASS
QHS P3	Ant8	2404	14.727	≤20.97	PASS
QHS P4	Ant8	2404	14.811	≤20.97	PASS
QHS P5	Ant8	2404	15.287	≤20.97	PASS
QHS P6	Ant8	2404	15.286	≤20.97	PASS
QHS P2	Ant5	2440	15.488	≤20.97	PASS
QHS P3	Ant5	2440	15.512	≤20.97	PASS
QHS P4	Ant5	2440	15.448	≤20.97	PASS
QHS P5	Ant5	2440	15.919	≤20.97	PASS
QHS P6	Ant5	2440	15.996	≤20.97	PASS
QHS P2	Ant8	2440	15.209	≤20.97	PASS
QHS P3	Ant8	2440	15.251	≤20.97	PASS
QHS P4	Ant8	2440	15.354	≤20.97	PASS
QHS P5	Ant8	2440	15.957	≤20.97	PASS
QHS P6	Ant8	2440	15.786	≤20.97	PASS
QHS P2	Ant5	2478	15.324	≤20.97	PASS
QHS P3	Ant5	2478	15.048	≤20.97	PASS
QHS P4	Ant5	2478	15.251	≤20.97	PASS
QHS P5	Ant5	2478	15.589	≤20.97	PASS
QHS P6	Ant5	2478	15.512	≤20.97	PASS
QHS P2	Ant8	2478	14.871	≤20.97	PASS
QHS P3	Ant8	2478	15.106	≤20.97	PASS
QHS P4	Ant8	2478	15.018	≤20.97	PASS
QHS P5	Ant8	2478	15.487	≤20.97	PASS
QHS P6	Ant8	2478	15.494	≤20.97	PASS

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Test Result Average

TestMode	Antenna	Frequency[MHz]	Average Powert [dBm]	Limit[dBm]	Verdict
QHS P2	Ant5	2404	12.723	≤20.97	PASS
QHS P3	Ant5	2404	12.813	≤20.97	PASS
QHS P4	Ant5	2404	12.761	≤20.97	PASS
QHS P5	Ant5	2404	12.921	≤20.97	PASS
QHS P6	Ant5	2404	12.815	≤20.97	PASS
QHS P2	Ant8	2404	11.891	≤20.97	PASS
QHS P3	Ant8	2404	11.888	≤20.97	PASS
QHS P4	Ant8	2404	11.994	≤20.97	PASS
QHS P5	Ant8	2404	12.051	≤20.97	PASS
QHS P6	Ant8	2404	11.952	≤20.97	PASS
QHS P2	Ant5	2440	12.659	≤20.97	PASS
QHS P3	Ant5	2440	12.777	≤20.97	PASS
QHS P4	Ant5	2440	12.719	≤20.97	PASS
QHS P5	Ant5	2440	12.661	≤20.97	PASS
QHS P6	Ant5	2440	12.777	≤20.97	PASS
QHS P2	Ant8	2440	12.601	≤20.97	PASS
QHS P3	Ant8	2440	12.443	≤20.97	PASS
QHS P4	Ant8	2440	12.575	≤20.97	PASS
QHS P5	Ant8	2440	12.403	≤20.97	PASS
QHS P6	Ant8	2440	12.502	≤20.97	PASS
QHS P2	Ant5	2478	12.489	≤20.97	PASS
QHS P3	Ant5	2478	12.293	≤20.97	PASS
QHS P4	Ant5	2478	12.207	≤20.97	PASS
QHS P5	Ant5	2478	12.367	≤20.97	PASS
QHS P6	Ant5	2478	12.281	≤20.97	PASS
QHS P2	Ant8	2478	12.079	≤20.97	PASS
QHS P3	Ant8	2478	12.213	≤20.97	PASS
QHS P4	Ant8	2478	12.182	≤20.97	PASS
QHS P5	Ant8	2478	12.169	≤20.97	PASS
QHS P6	Ant8	2478	12.132	≤20.97	PASS

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Carrier frequency separation

Test Result

TestMode	Antenna	Hop/Non-Hop	Result[MHz]	Limit[MHz]	Verdict
QHS P2	Ant5	Hop	2.002	≥1.748	PASS
QHS P3	Ant5	Hop	1.988	≥1.720	PASS
QHS P4	Ant5	Hop	2.000	≥1.776	PASS
QHS P5	Ant5	Hop	2.005	≥1.724	PASS
QHS P6	Ant5	Hop	2.002	≥1.700	PASS
QHS P2	Ant8	Hop	2.000	≥1.764	PASS
QHS P3	Ant8	Hop	2.000	≥1.772	PASS
QHS P4	Ant8	Hop	2.000	≥1.752	PASS
QHS P5	Ant8	Hop	2.004	≥1.708	PASS
QHS P6	Ant8	Hop	2.020	≥1.704	PASS

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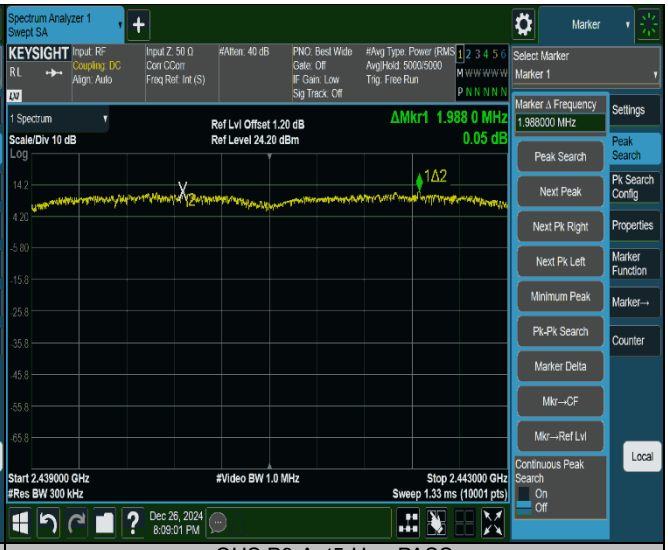
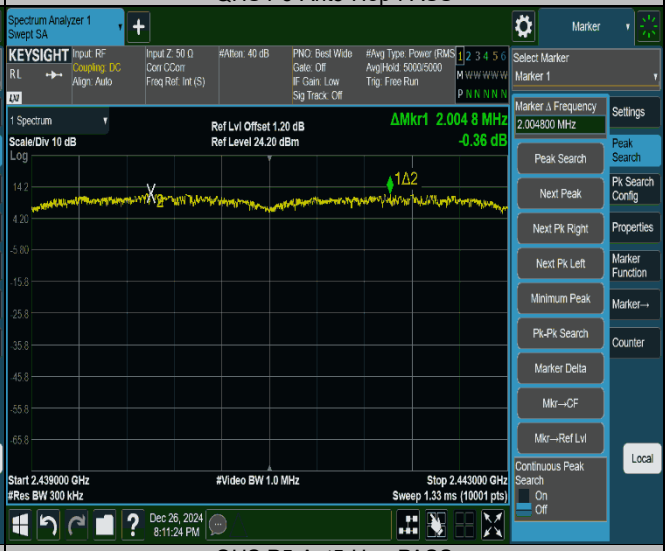
Test Graphs

QHS P2-Ant5-Hop-PASS



QHS P3-Ant5-Hop-PASS

QHS P4-Ant5-Hop-PASS



QHS P5-Ant5-Hop-PASS

QHS P6-Ant5-Hop-PASS

QHS P2-Ant8-Hop-PASS

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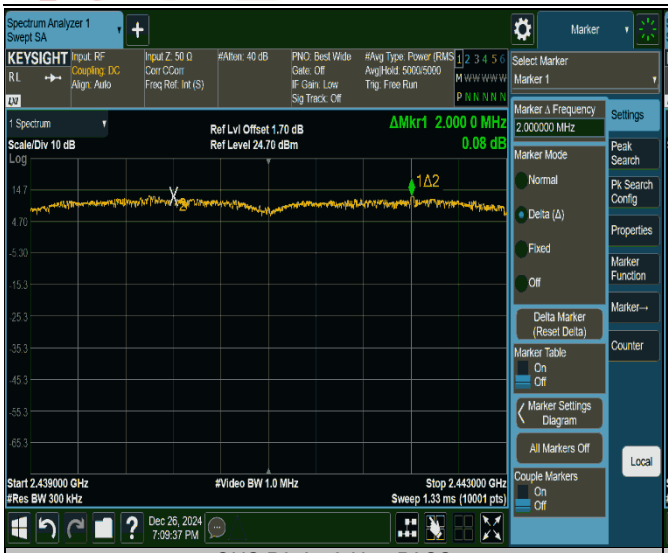

QHS P3-Ant8-Hop-PASS

QHS P4-Ant8-Hop-PASS

QHS P5-Ant8-Hop-PASS

QHS P6-Ant8-Hop-PASS

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Time of occupancy

Test Result

TestMode	Antenna	Hop/Non-Hop	BurstWidth [ms]	Num Hops [1.52s]	Total Hops [1.52s*10=15.2s]	Result [s]	Limit [s]	Verdict
QHS P2	Ant5	Hop	4.180	7	70	0.293	≤0.4	PASS
QHS P3	Ant5	Hop	2.806	9	90	0.253	≤0.4	PASS
QHS P4	Ant5	Hop	2.118	13	130	0.275	≤0.4	PASS
QHS P5	Ant5	Hop	1.708	13	130	0.222	≤0.4	PASS
QHS P6	Ant5	Hop	1.430	13	130	0.186	≤0.4	PASS
QHS P2	Ant8	Hop	4.180	7	70	0.293	≤0.4	PASS
QHS P3	Ant8	Hop	2.805	9	90	0.252	≤0.4	PASS
QHS P4	Ant8	Hop	2.122	13	130	0.276	≤0.4	PASS
QHS P5	Ant8	Hop	1.708	13	130	0.222	≤0.4	PASS
QHS P6	Ant8	Hop	1.435	13	130	0.187	≤0.4	PASS

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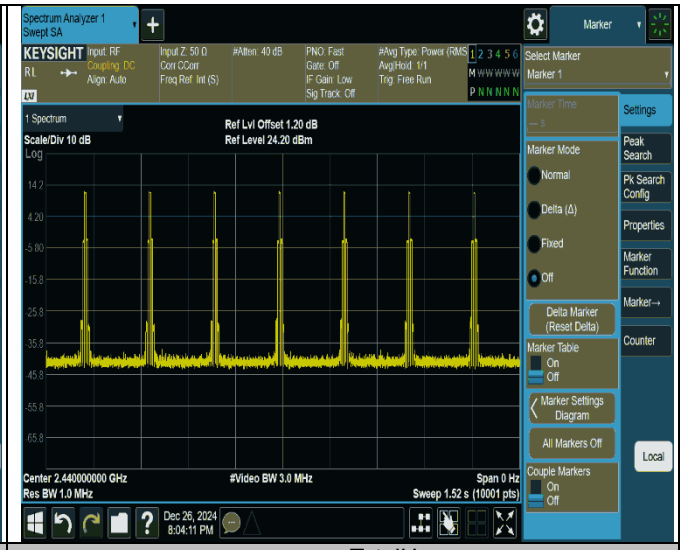
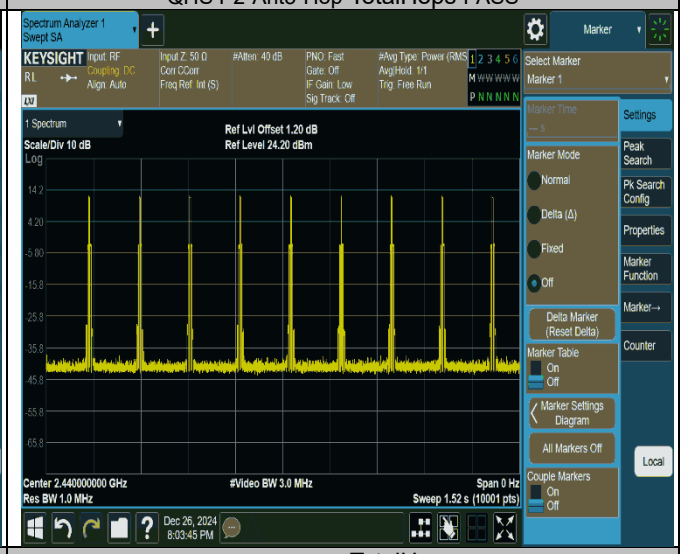
Test Graphs

QHS P2-Ant5-Hop-PASS



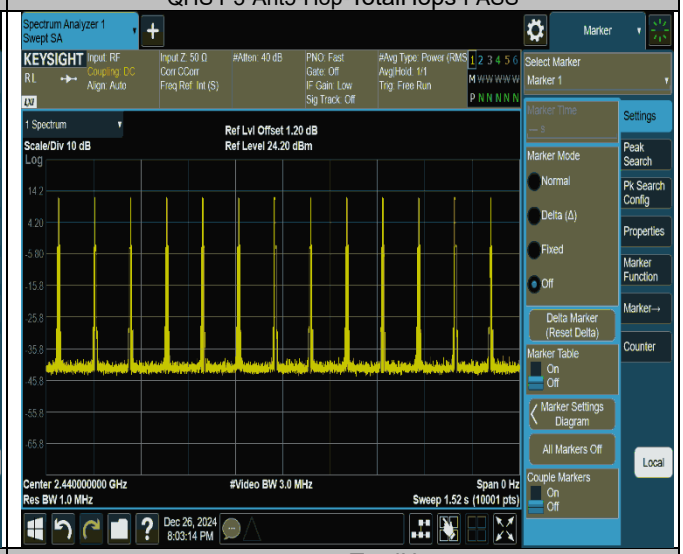
QHS P2-Ant5-Hop-TotalHops-PASS

QHS P3-Ant5-Hop-PASS



QHS P3-Ant5-Hop-TotalHops-PASS

QHS P4-Ant5-Hop-PASS



QHS P4-Ant5-Hop-TotalHops-PASS

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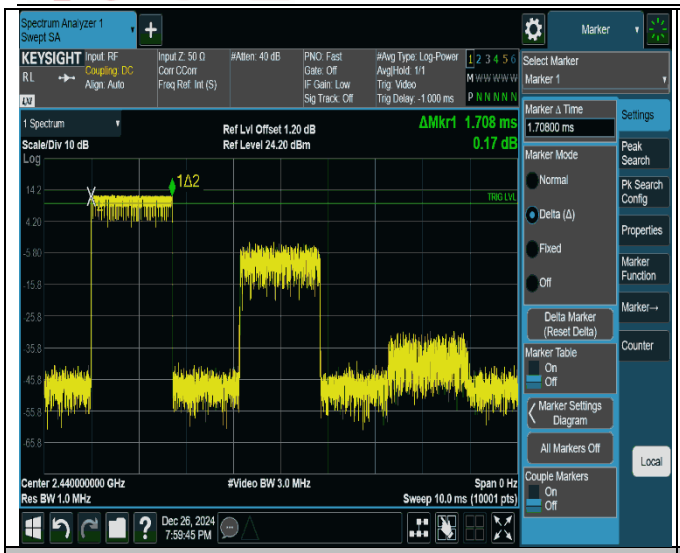
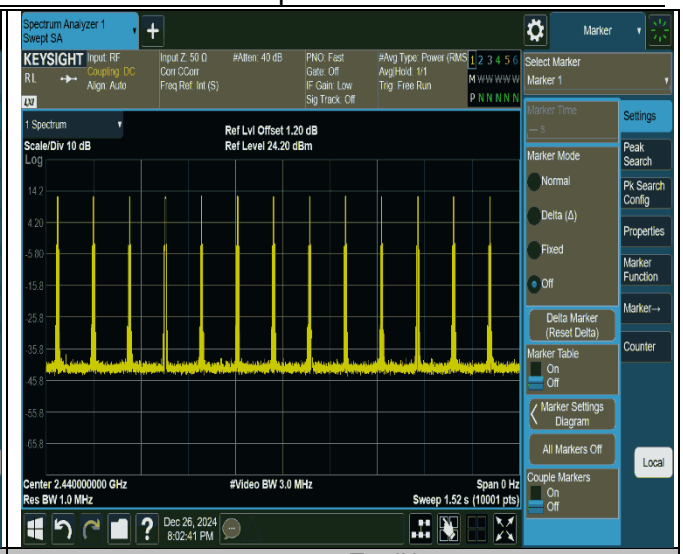
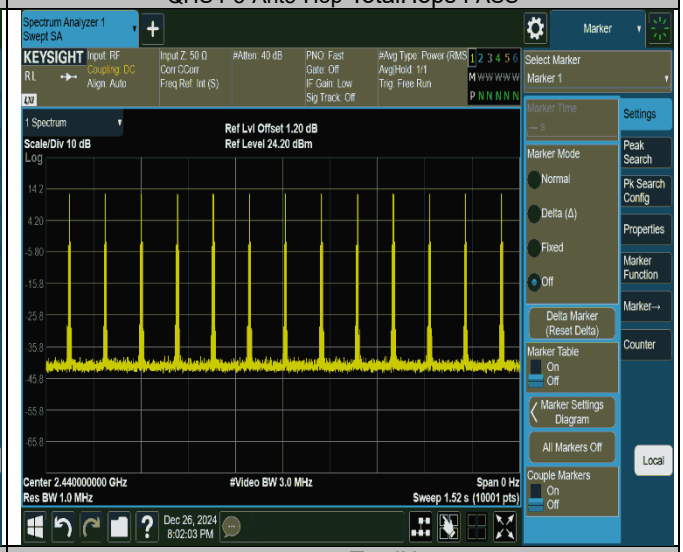


QHS P5-Ant5-Hop-PASS



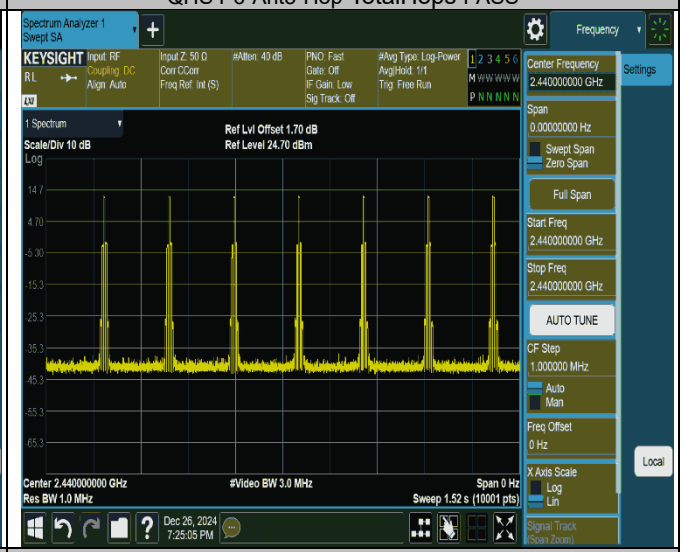
QHS P5-Ant5-Hop-TotalHops-PASS

QHS P6-Ant5-Hop-PASS



QHS P6-Ant5-Hop-TotalHops-PASS

QHS P2-Ant8-Hop-PASS



QHS P2-Ant8-Hop-TotalHops-PASS

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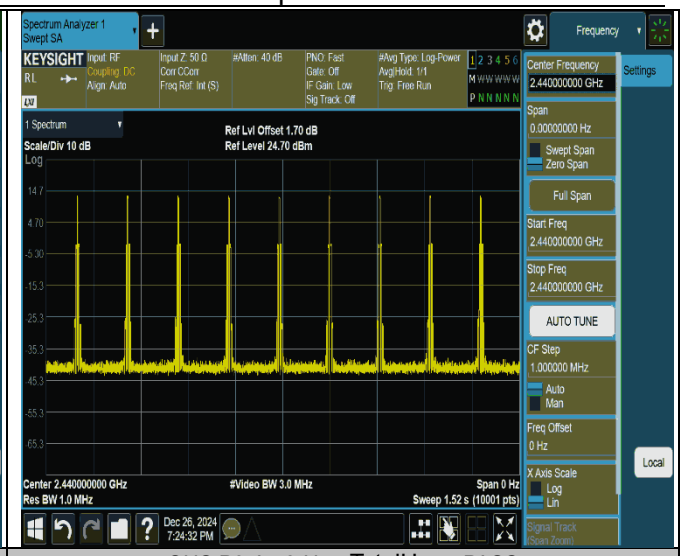
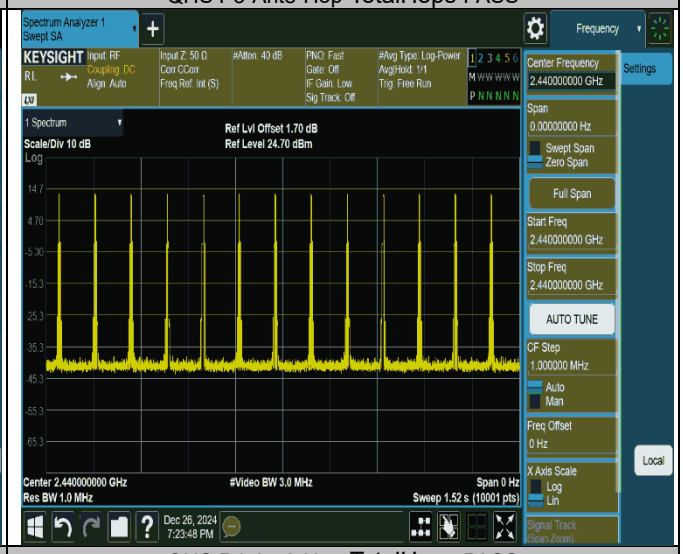
QHS P3-Ant8-Hop-PASS



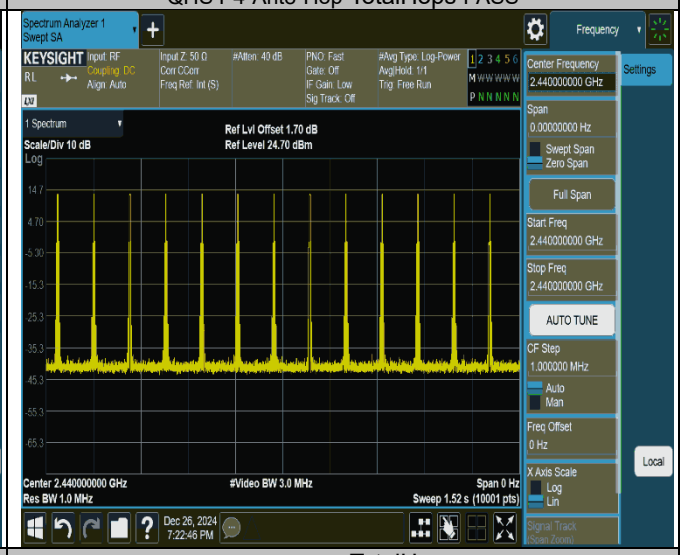
QHS P3-Ant8-Hop-TotalHops-PASS

QHS P4-Ant8-Hop-PASS



QHS P4-Ant8-Hop-TotalHops-PASS

QHS P5-Ant8-Hop-PASS



QHS P5-Ant8-Hop-TotalHops-PASS

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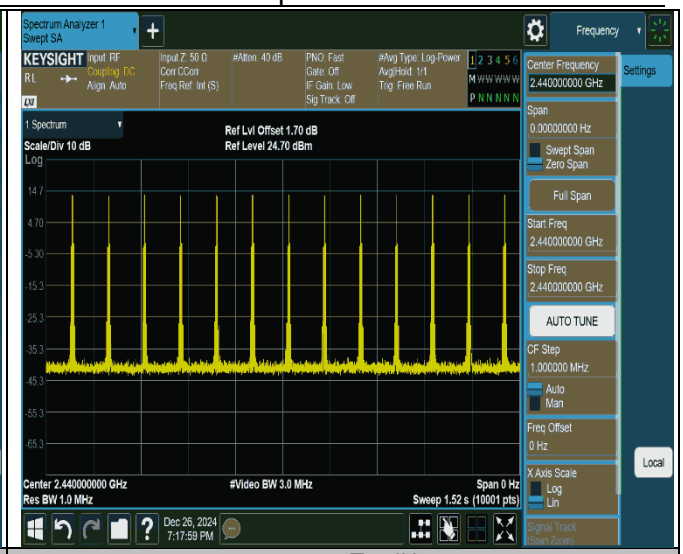
QHS P6-Ant8-Hop-PASS



QHS P6-Ant8-Hop-TotalHops-PASS

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Number of hopping channels

Test Result

TestMode	Antenna	Hop/Non-Hop	Result[Num]	Limit[Num]	Verdict
QHS P2	Ant5	Hop	37	≥15	PASS
QHS P3	Ant5	Hop	37	≥15	PASS
QHS P4	Ant5	Hop	37	≥15	PASS
QHS P5	Ant5	Hop	37	≥15	PASS
QHS P6	Ant5	Hop	37	≥15	PASS
QHS P2	Ant8	Hop	37	≥15	PASS
QHS P3	Ant8	Hop	37	≥15	PASS
QHS P4	Ant8	Hop	37	≥15	PASS
QHS P5	Ant8	Hop	37	≥15	PASS
QHS P6	Ant8	Hop	37	≥15	PASS

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Test Graphs

QHS P2-Ant5-Hop-PASS

QHS P3-Ant5-Hop-PASS

QHS P4-Ant5-Hop-PASS

QHS P5-Ant5-Hop-PASS

QHS P6-Ant5-Hop-PASS

QHS P2-Ant8-Hop-PASS

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QHS P3-Ant8-Hop-PASS

QHS P4-Ant8-Hop-PASS

QHS P5-Ant8-Hop-PASS

QHS P6-Ant8-Hop-PASS

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Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
QHS P2	Ant5	Low	2404	11.20	-46.48	≤-8.8	PASS
QHS P3	Ant5	Low	2404	12.15	-46.47	≤-7.85	PASS
QHS P4	Ant5	Low	2404	9.33	-46.46	≤-10.68	PASS
QHS P5	Ant5	Low	2404	8.68	-44.89	≤-11.32	PASS
QHS P6	Ant5	Low	2404	11.10	-44.57	≤-8.9	PASS
QHS P2	Ant8	Low	2404	8.37	-56.07	≤-11.63	PASS
QHS P3	Ant8	Low	2404	11.21	-54.34	≤-8.8	PASS
QHS P4	Ant8	Low	2404	8.08	-55.72	≤-11.93	PASS
QHS P5	Ant8	Low	2404	8.54	-55.33	≤-11.46	PASS
QHS P6	Ant8	Low	2404	8.12	-54.83	≤-11.89	PASS
QHS P2	Ant5	High	2478	8.73	-56.66	≤-11.27	PASS
QHS P3	Ant5	High	2478	11.19	-57.06	≤-8.81	PASS
QHS P4	Ant5	High	2478	10.83	-56.31	≤-9.17	PASS
QHS P5	Ant5	High	2478	9.47	-56.06	≤-10.53	PASS
QHS P6	Ant5	High	2478	8.31	-57.4	≤-11.69	PASS
QHS P2	Ant8	High	2478	7.68	-56.43	≤-12.32	PASS
QHS P3	Ant8	High	2478	8.98	-56.64	≤-11.02	PASS
QHS P4	Ant8	High	2478	10.76	-57.28	≤-9.24	PASS
QHS P6	Ant8	High	2478	10.83	-56.79	≤-9.17	PASS
QHS P5	Ant8	High	2478	8.35	-56.48	≤-11.65	PASS
QHS P2	Ant5	Low	Hop_2404	7.09	-49.43	≤-12.92	PASS
QHS P3	Ant5	Low	Hop_2404	5.58	-51.74	≤-14.42	PASS
QHS P4	Ant5	Low	Hop_2404	5.90	-49.74	≤-14.1	PASS
QHS P5	Ant5	Low	Hop_2404	7.25	-47.12	≤-12.75	PASS
QHS P6	Ant5	Low	Hop_2404	3.04	-50.08	≤-16.96	PASS
QHS P2	Ant8	Low	Hop_2404	5.73	-49.53	≤-14.27	PASS
QHS P3	Ant8	Low	Hop_2404	5.79	-45.4	≤-14.21	PASS
QHS P4	Ant8	Low	Hop_2404	6.78	-45.2	≤-13.22	PASS
QHS P5	Ant8	Low	Hop_2404	6.48	-46.12	≤-13.53	PASS
QHS P6	Ant8	Low	Hop_2404	6.87	-45.54	≤-13.13	PASS
QHS P2	Ant5	High	Hop_2478	7.56	-58.61	≤-12.44	PASS
QHS P3	Ant5	High	Hop_2478	7.53	-57.81	≤-12.47	PASS
QHS P4	Ant5	High	Hop_2478	7.44	-58.59	≤-12.56	PASS
QHS P5	Ant5	High	Hop_2478	6.50	-58.42	≤-13.5	PASS
QHS P6	Ant5	High	Hop_2478	7.79	-57.45	≤-12.21	PASS
QHS P2	Ant8	High	Hop_2478	10.12	-57.75	≤-9.88	PASS
QHS P4	Ant8	High	Hop_2478	7.33	-57.38	≤-12.67	PASS
QHS P5	Ant8	High	Hop_2478	11.02	-57.51	≤-8.98	PASS
QHS P6	Ant8	High	Hop_2478	8.63	-57.38	≤-11.37	PASS

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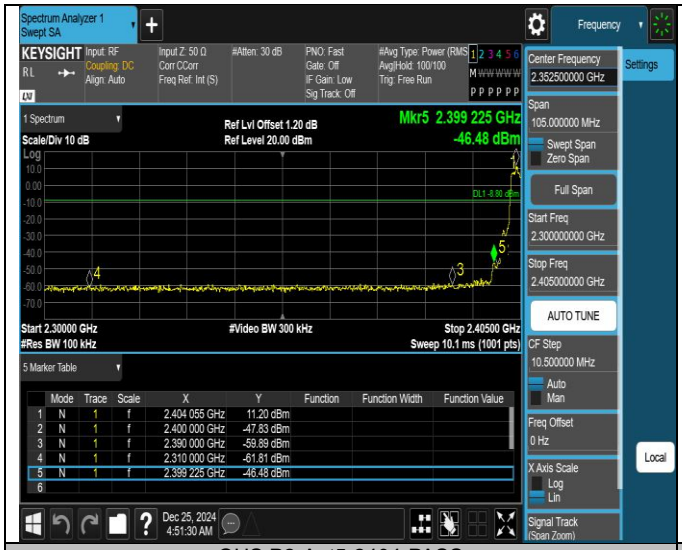
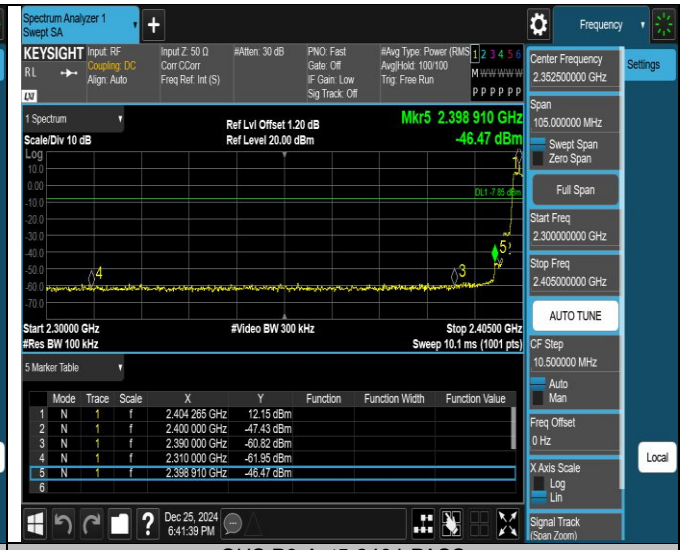
Test Graphs

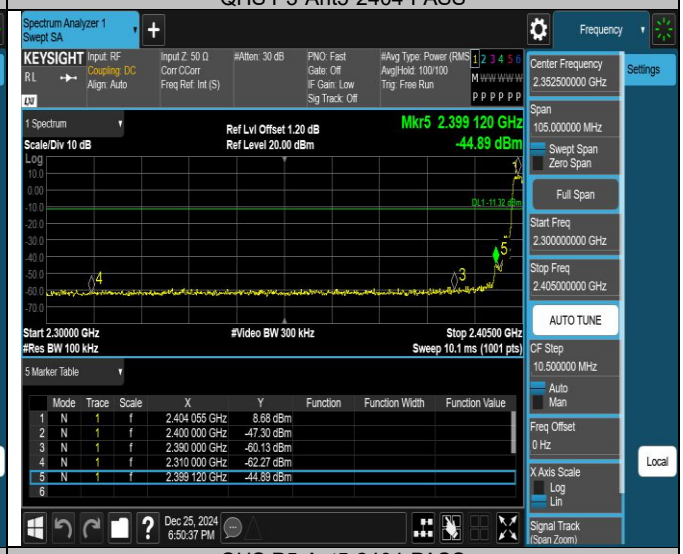


QHS P2-Ant5-2404-PASS



QHS P3-Ant5-2404-PASS

QHS P4-Ant5-2404-PASS



QHS P5-Ant5-2404-PASS

QHS P6-Ant5-2404-PASS

QHS P2-Ant8-2404-PASS

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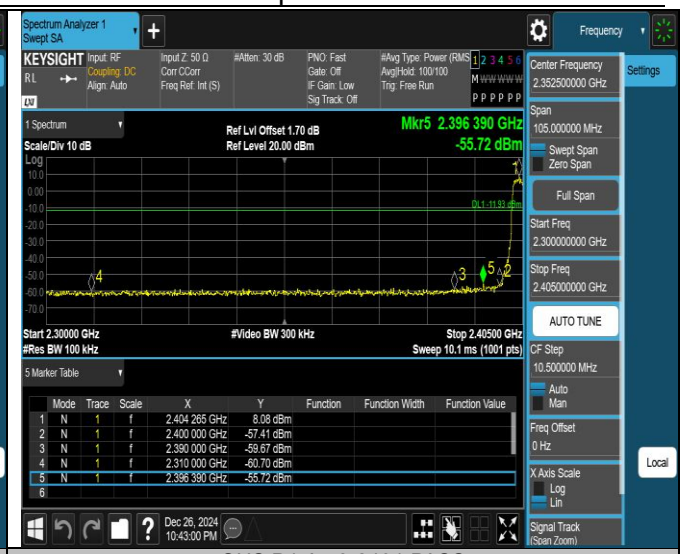
QHS P3-Ant8-2404-PASS



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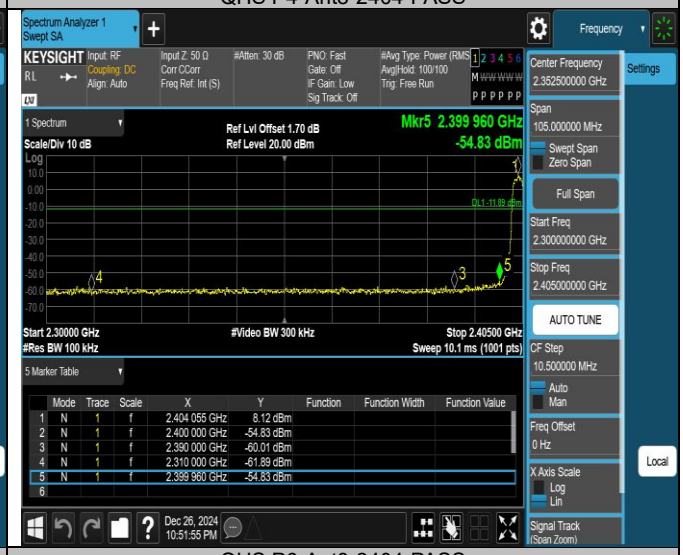

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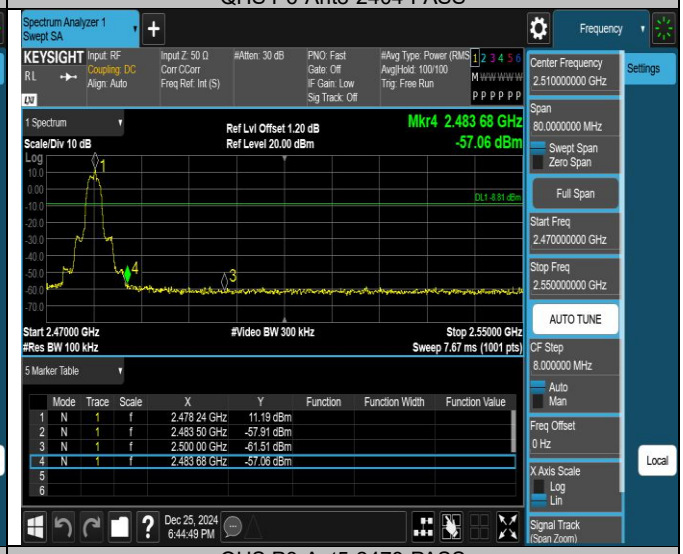

QHS P3-Ant5-2478-PASS

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QHS P4-Ant5-2478-PASS

QHS P5-Ant5-2478-PASS

QHS P6-Ant5-2478-PASS

QHS P2-Ant8-2478-PASS

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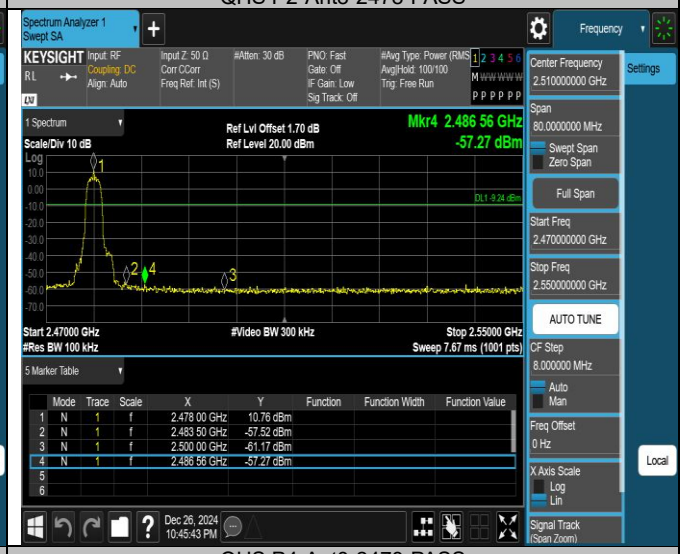

QHS P4-Ant8-2478-PASS

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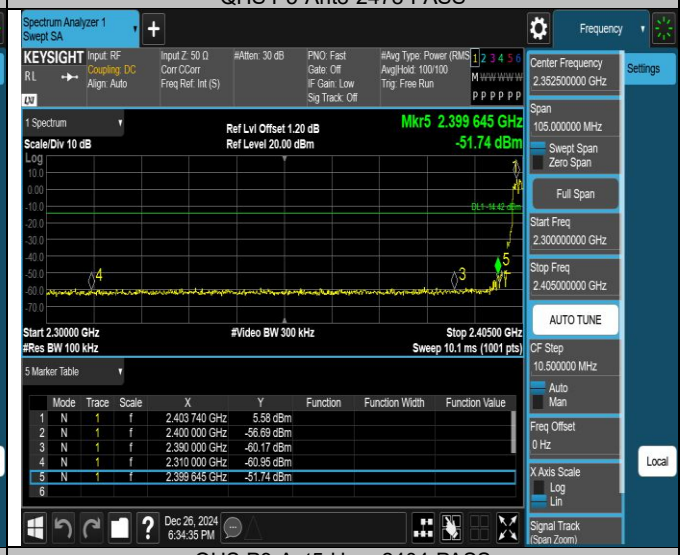
QHS P6-Ant8-2478-PASS

QHS P5-Ant8-2478-PASS

QHS P2-Ant5-Hop_2404-PASS



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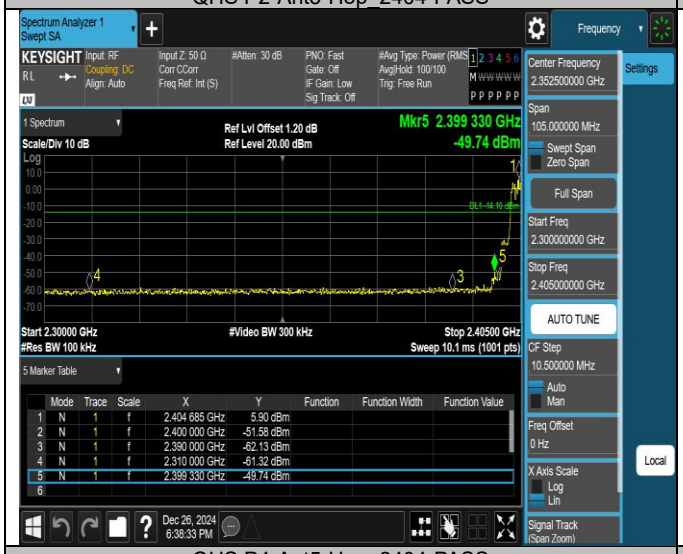

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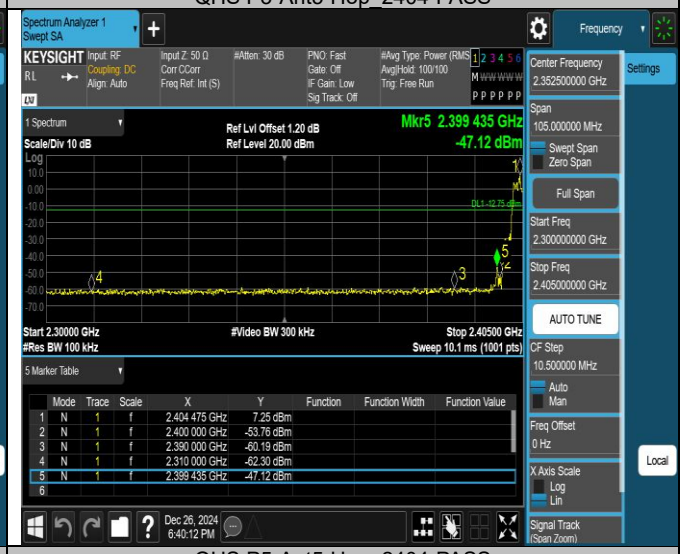

QHS P5-Ant5-Hop_2404-PASS

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