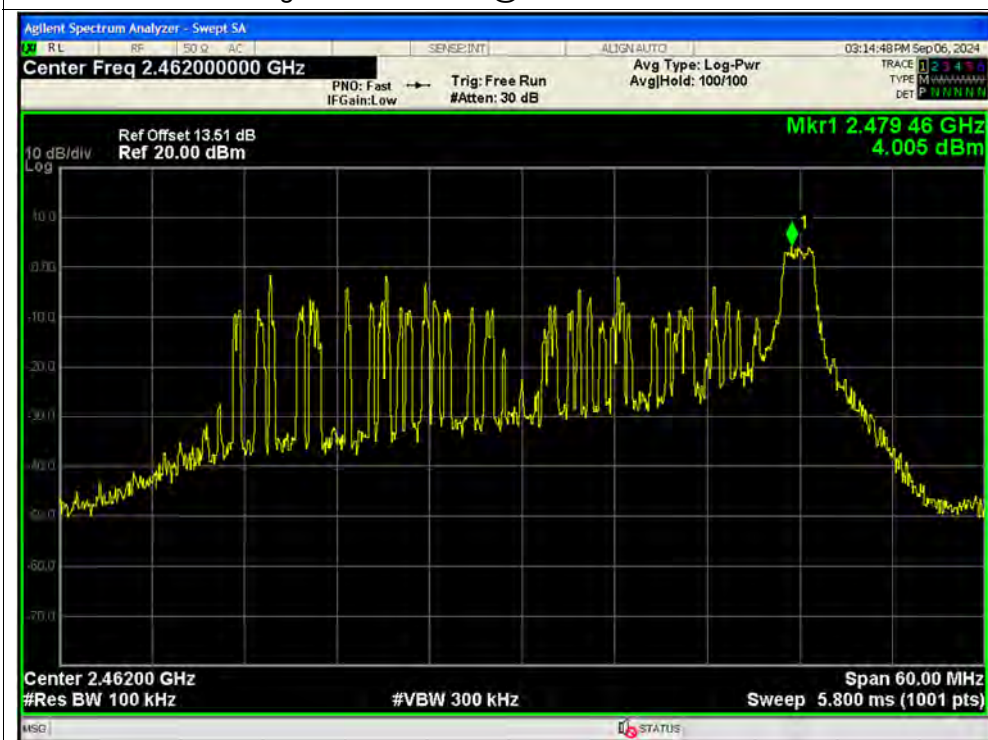
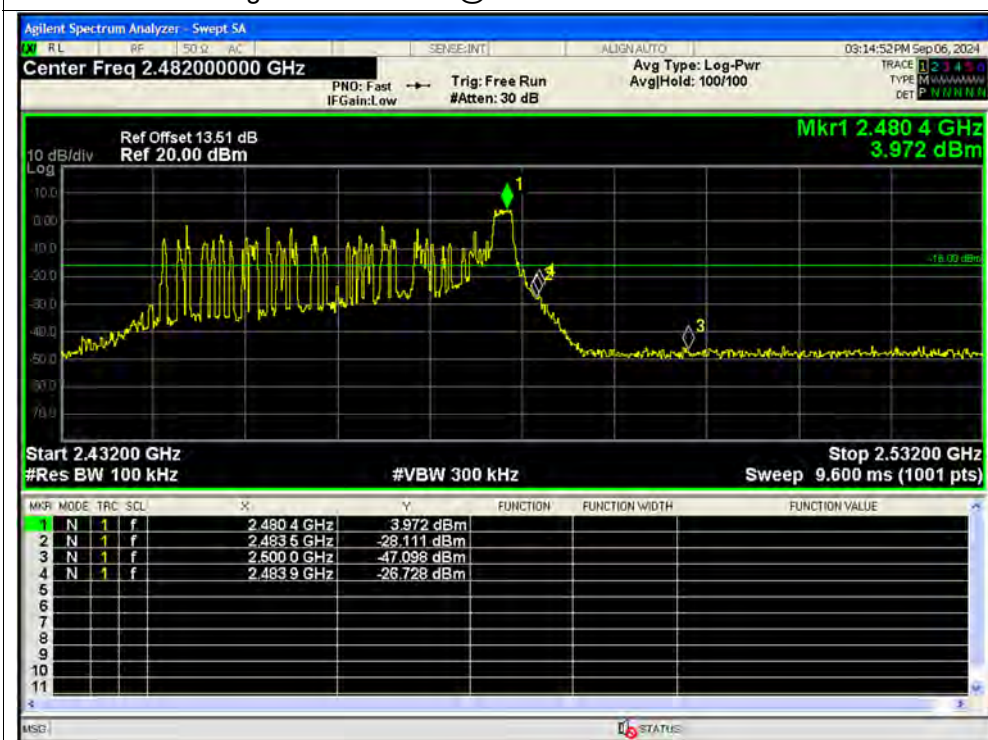


Band Edge NVNT ax40 26@0 2462MHz Ant2 Ref SISO



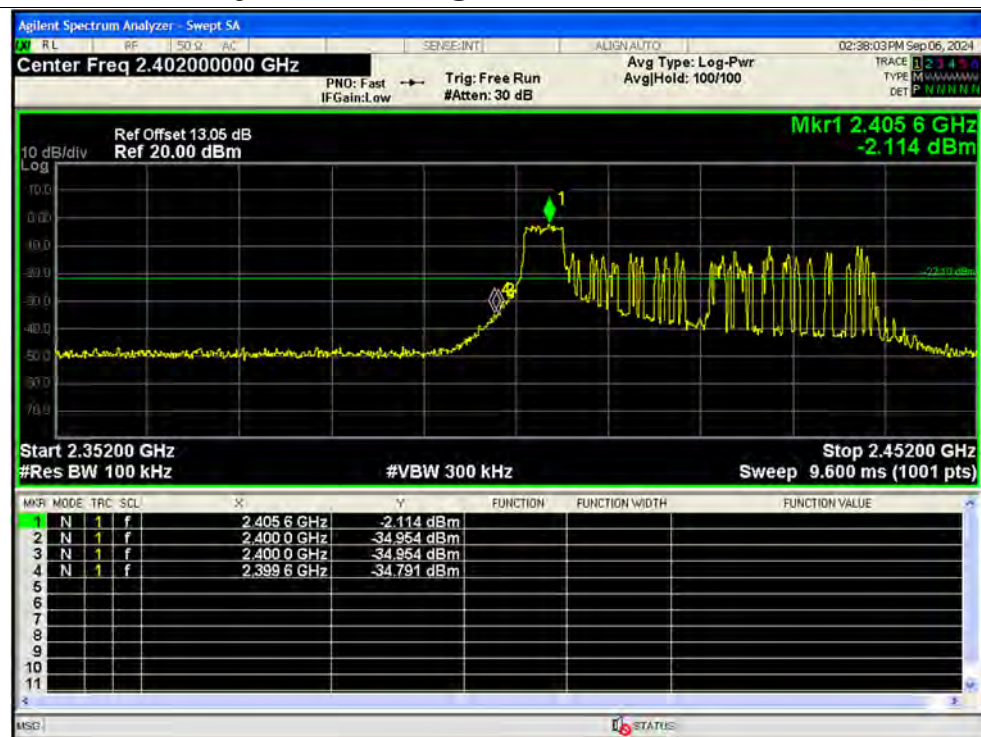
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Band Edge NVNT ax40 52@37 2422MHz Ant1 Ref SISO



Band Edge NVNT ax40 52@37 2422MHz Ant1 Emission SISO



Band Edge NVNT ax40 52@37 2462MHz Ant1 Ref SISO



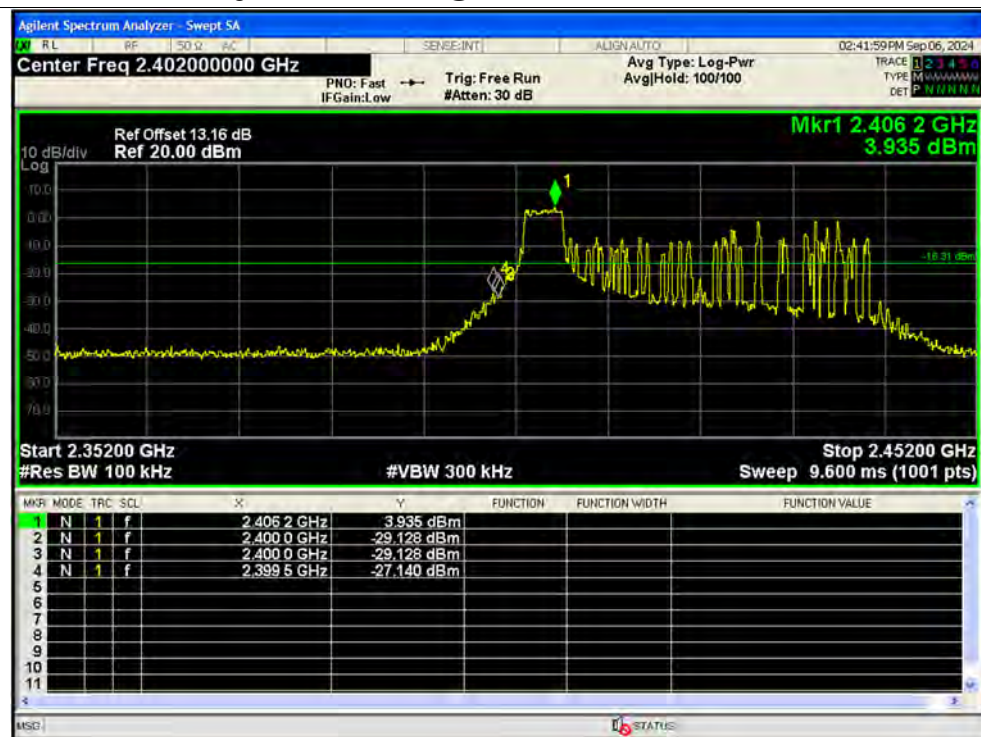
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Band Edge NVNT ax40 52@37 2422MHz Ant2 Ref SISO



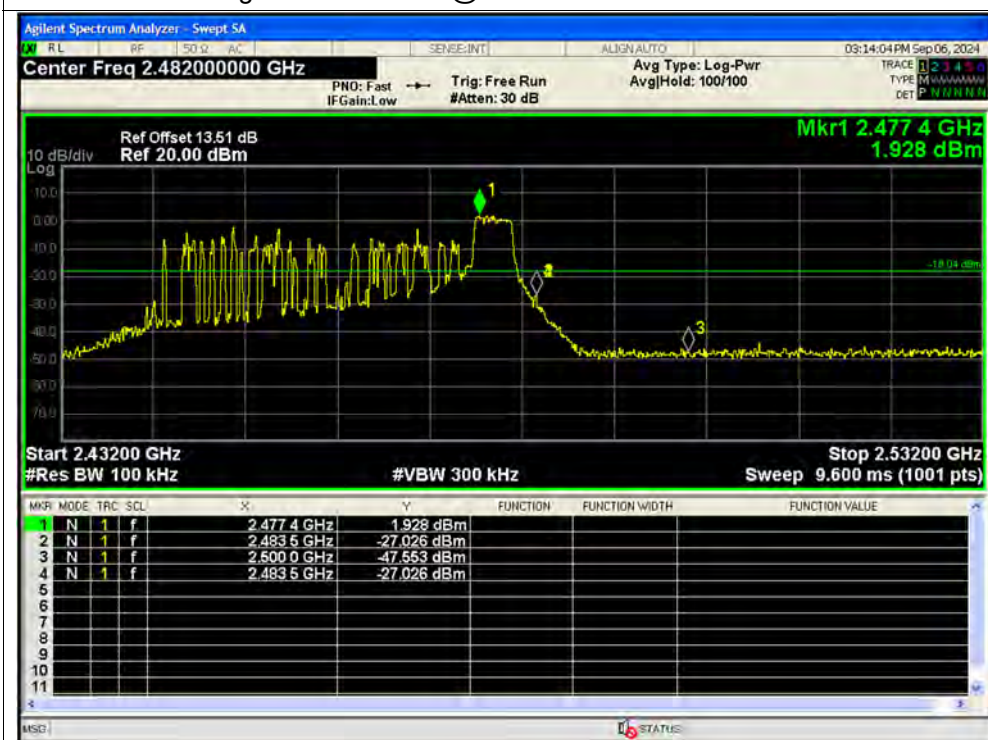
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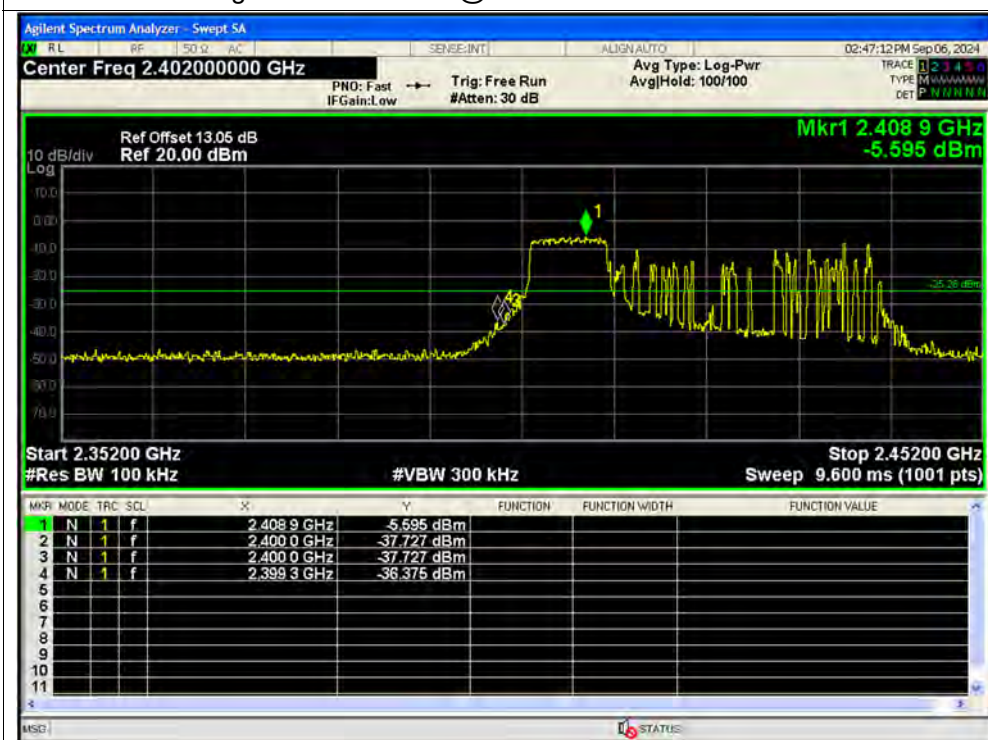
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Band Edge NVNT ax40 106@53 2422MHz Ant1 Ref SISO



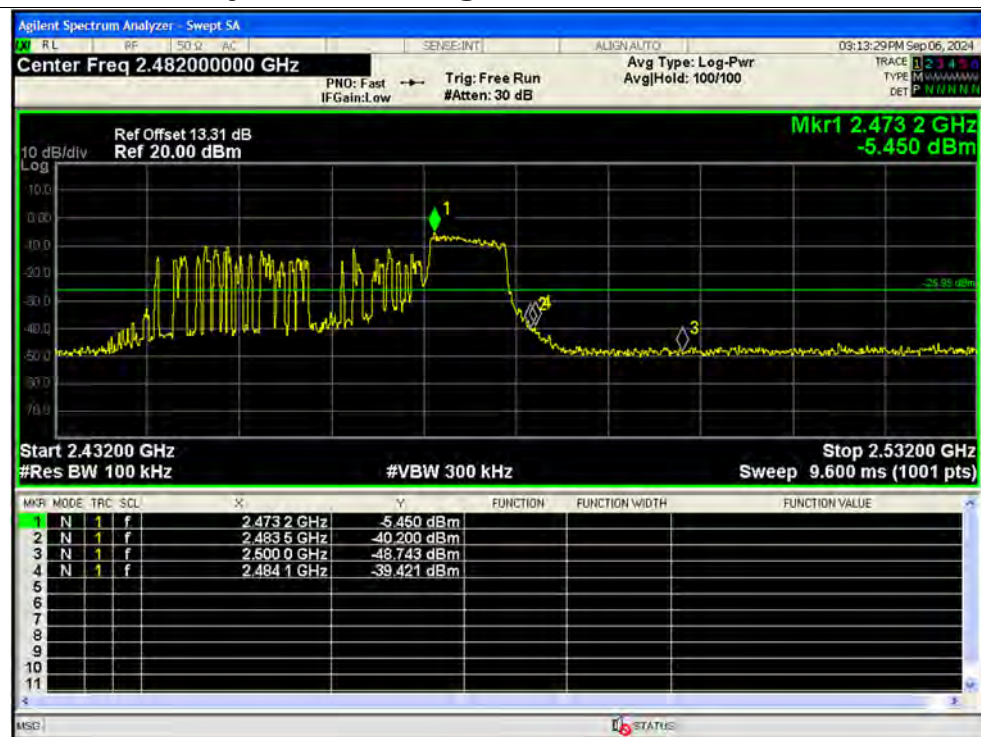
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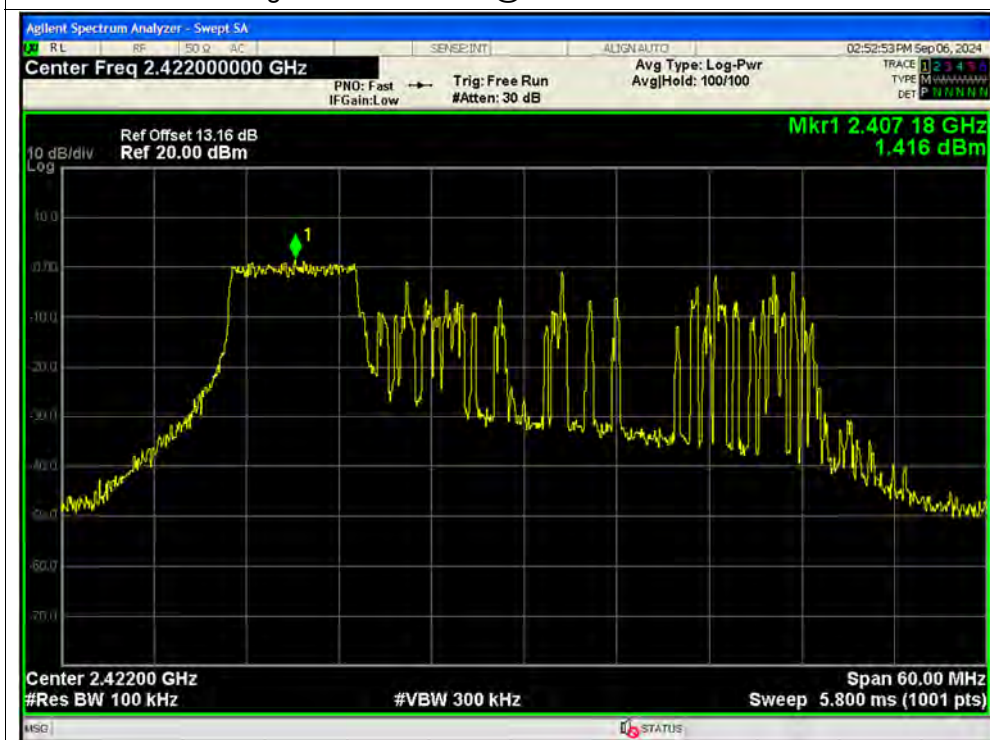
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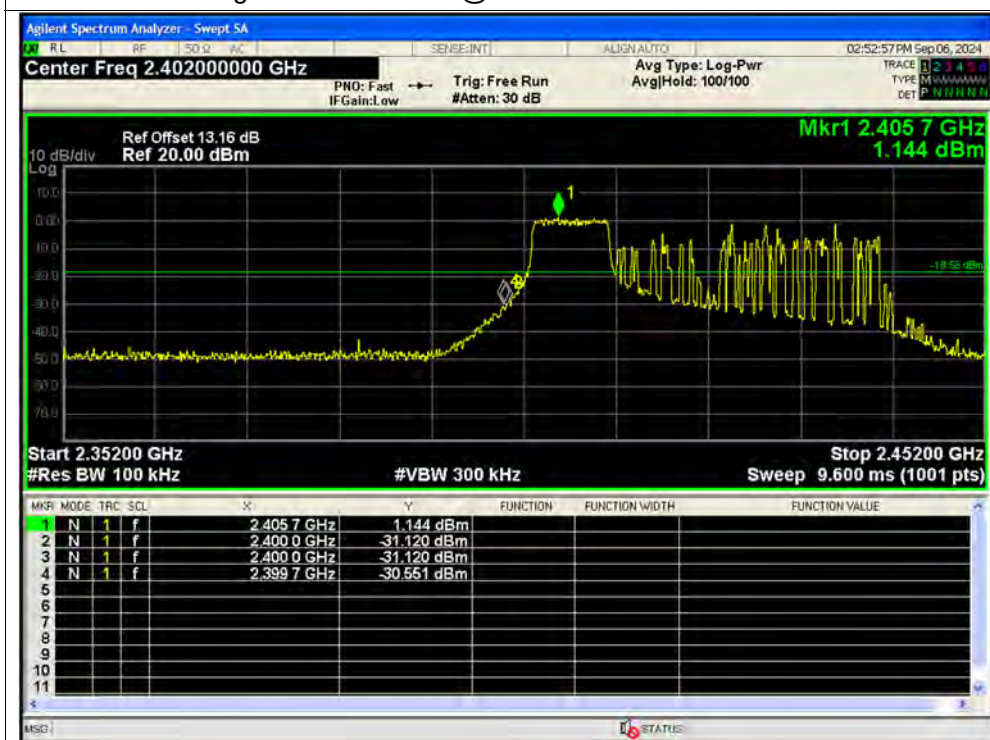
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Band Edge NVNT ax40 106@53 2422MHz Ant2 Ref SISO



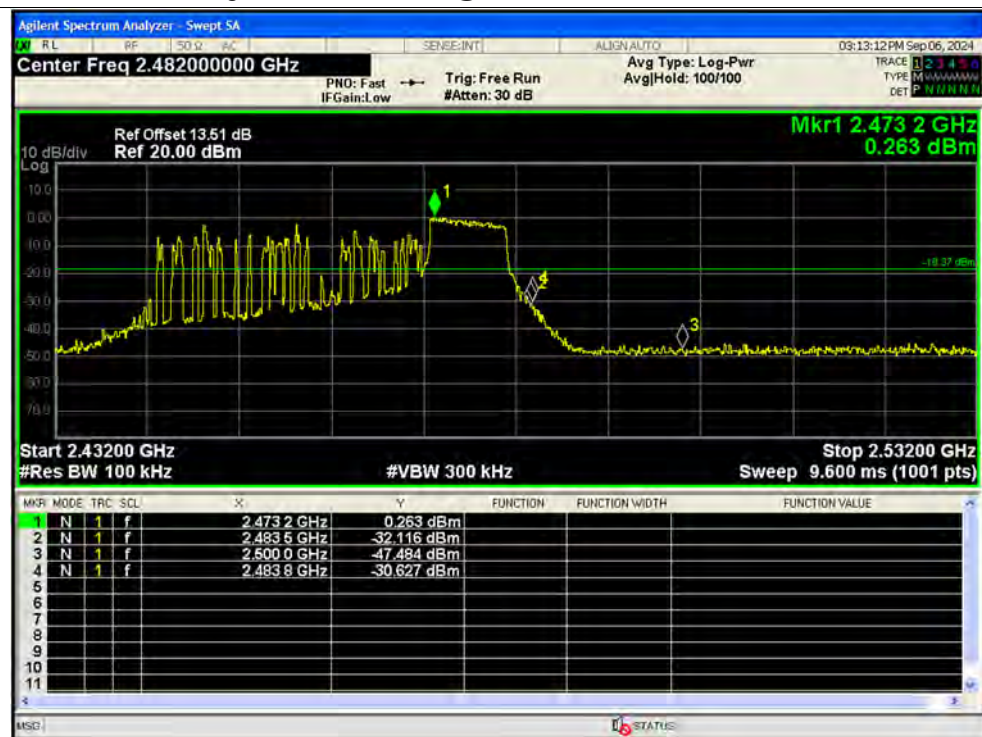
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Band Edge NVNT ax40 106@53 2462MHz Ant2 Ref SISO



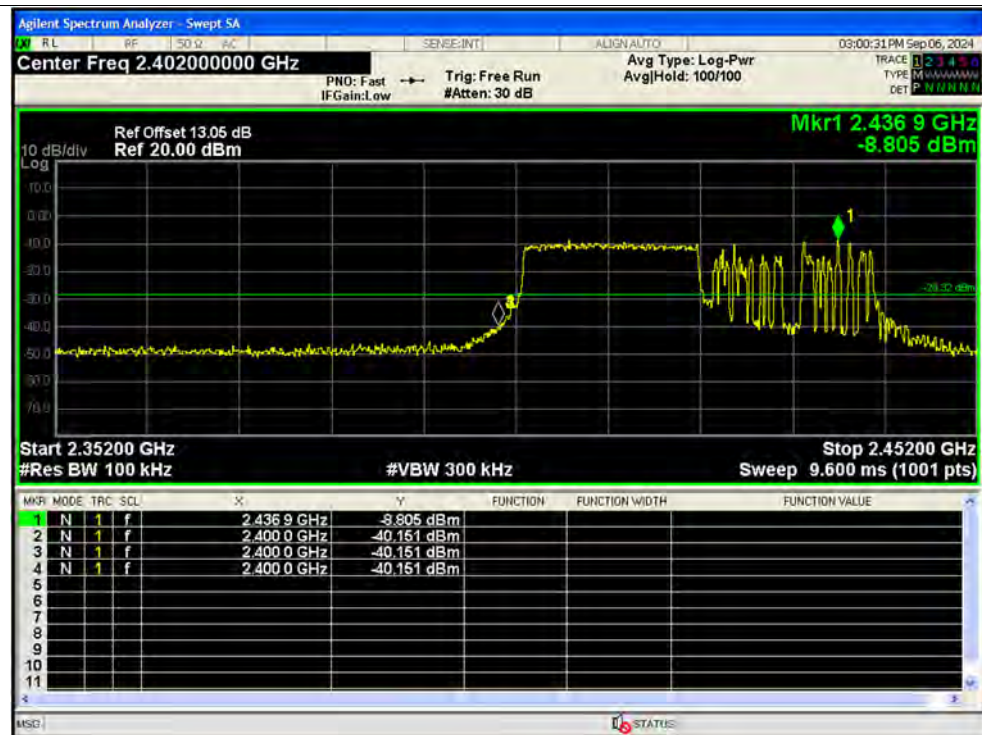
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Band Edge NVNT ax40 242@61 2422MHz Ant1 Ref SISO



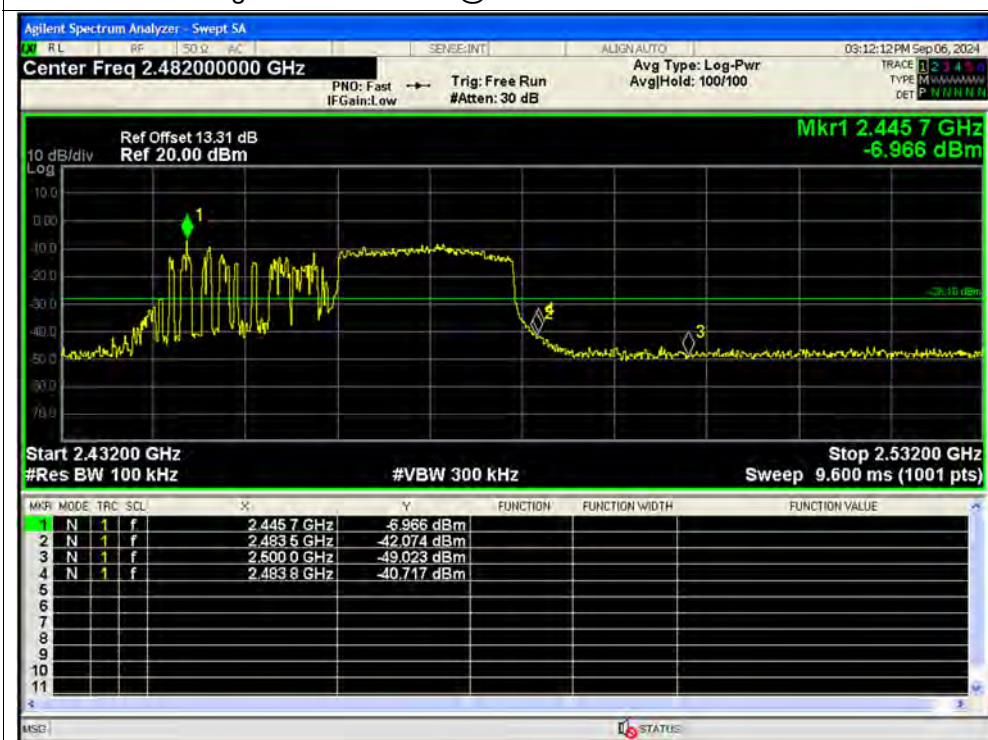
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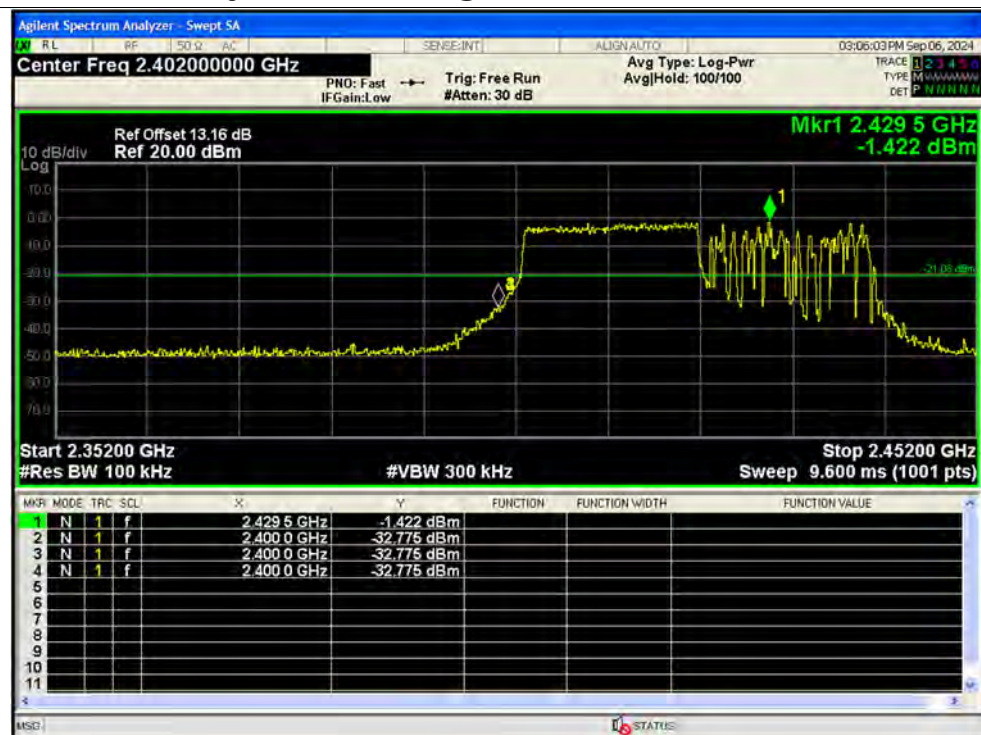
Band Edge NVNT ax40 242@61 2462MHz Ant1 Emission SISO



Band Edge NVNT ax40 242@61 2422MHz Ant2 Ref SISO



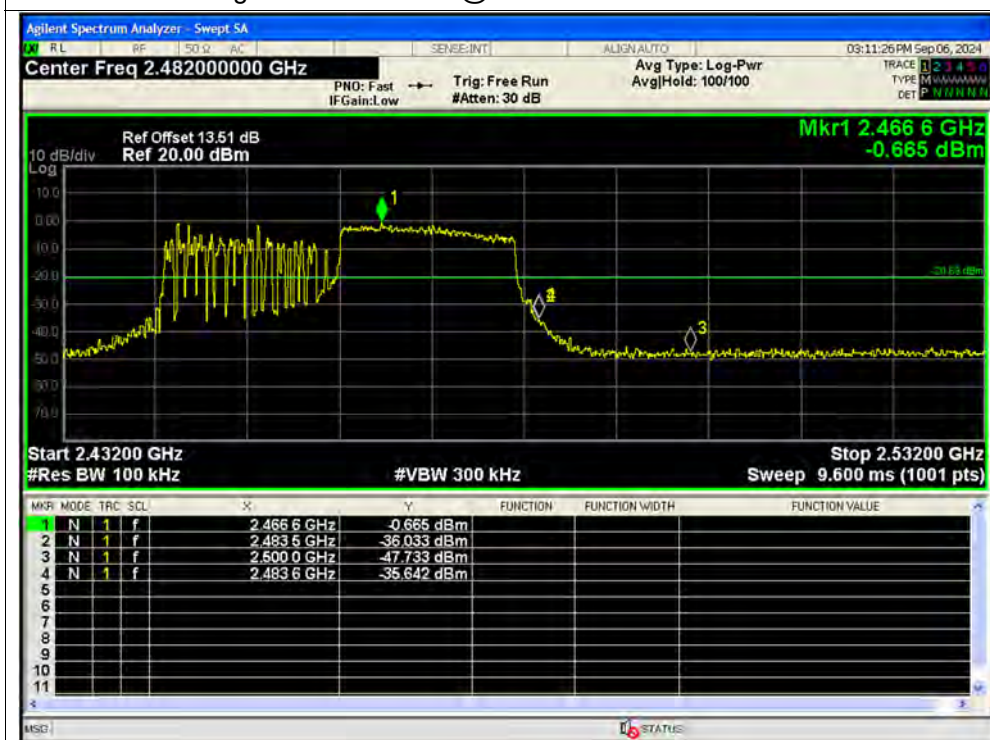
Band Edge NVNT ax40 242@61 2422MHz Ant2 Emission SISO



Band Edge NVNT ax40 242@61 2462MHz Ant2 Ref SISO



Band Edge NVNT ax40 242@61 2462MHz Ant2 Emission SISO



**A.7. Power Spectral Density**

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b SISO	2412	Ant1	-6.5	0	-6.5	8	Pass
NVNT	b SISO	2442	Ant1	-6.67	0	-6.67	8	Pass
NVNT	b SISO	2472	Ant1	-4.32	0	-4.32	8	Pass
NVNT	b SISO	2412	Ant2	-5.88	0	-5.88	8	Pass
NVNT	b SISO	2442	Ant2	-7.56	0	-7.56	8	Pass
NVNT	b SISO	2472	Ant2	-6.92	0	-6.92	8	Pass
NVNT	g SISO	2412	Ant1	-10.36	0	-10.36	8	Pass
NVNT	g SISO	2442	Ant1	-11.26	0	-11.26	8	Pass
NVNT	g SISO	2472	Ant1	-8.48	0	-8.48	8	Pass
NVNT	g SISO	2412	Ant2	-9.21	0	-9.21	8	Pass
NVNT	g SISO	2442	Ant2	-10.76	0	-10.76	8	Pass
NVNT	g SISO	2472	Ant2	-11.57	0	-11.57	8	Pass
NVNT	n20 SISO	2412	Ant1	-11.23	0	-11.23	8	Pass
NVNT	n20 SISO	2442	Ant1	-11.38	0	-11.38	8	Pass
NVNT	n20 SISO	2472	Ant1	-9.28	0	-9.28	8	Pass
NVNT	n20 SISO	2412	Ant2	-11.08	0	-11.08	8	Pass
NVNT	n20 SISO	2442	Ant2	-12.54	0	-12.54	8	Pass
NVNT	n20 SISO	2472	Ant2	-11.42	0	-11.42	8	Pass
NVNT	n20 MIMO	2412	Ant1	-11.56	0	-11.56	8	Pass
NVNT	n20 MIMO	2412	Ant2	-10.66	0	-10.66	8	Pass
NVNT	n20 MIMO	2412	Sum	-8.08	0	-8.08	8	Pass
NVNT	n20 MIMO	2442	Ant1	-11.82	0	-11.82	8	Pass
NVNT	n20 MIMO	2442	Ant2	-11.3	0	-11.3	8	Pass
NVNT	n20 MIMO	2442	Sum	-8.54	0	-8.54	8	Pass
NVNT	n20 MIMO	2472	Ant1	-10.54	0	-10.54	8	Pass
NVNT	n20 MIMO	2472	Ant2	-11.45	0	-11.45	8	Pass
NVNT	n20 MIMO	2472	Sum	-7.96	0	-7.96	8	Pass
NVNT	n40 SISO	2422	Ant1	-12.47	0	-12.47	8	Pass
NVNT	n40 SISO	2442	Ant1	-14.64	0	-14.64	8	Pass
NVNT	n40 SISO	2462	Ant1	-13.43	0	-13.43	8	Pass
NVNT	n40 SISO	2422	Ant2	-13.85	0	-13.85	8	Pass
NVNT	n40 SISO	2442	Ant2	-14.31	0	-14.31	8	Pass
NVNT	n40 SISO	2462	Ant2	-14.67	0	-14.67	8	Pass
NVNT	n40 MIMO	2422	Ant1	-12.95	0	-12.95	8	Pass



NVNT	n40 MIMO	2422	Ant2	-13.96	0	-13.96	8	Pass
NVNT	n40 MIMO	2422	Sum	-10.42	0	-10.42	8	Pass
NVNT	n40 MIMO	2442	Ant1	-15.2	0	-15.2	8	Pass
NVNT	n40 MIMO	2442	Ant2	-14.49	0	-14.49	8	Pass
NVNT	n40 MIMO	2442	Sum	-11.82	0	-11.82	8	Pass
NVNT	n40 MIMO	2462	Ant1	-14.02	0	-14.02	8	Pass
NVNT	n40 MIMO	2462	Ant2	-14.7	0	-14.7	8	Pass
NVNT	n40 MIMO	2462	Sum	-11.34	0	-11.34	8	Pass
NVNT	ax20 SISO	2412	Ant1	-14.57	0	-14.57	8	Pass
NVNT	ax20 SISO	2442	Ant1	-13.27	0	-13.27	8	Pass
NVNT	ax20 SISO	2472	Ant1	-14.13	0	-14.13	8	Pass
NVNT	ax20 SISO	2412	Ant2	-15.17	0	-15.17	8	Pass
NVNT	ax20 SISO	2442	Ant2	-15.03	0	-15.03	8	Pass
NVNT	ax20 SISO	2472	Ant2	-14.3	0	-14.3	8	Pass
NVNT	ax20 MIMO	2412	Ant1	-13.47	0	-13.47	8	Pass
NVNT	ax20 MIMO	2412	Ant2	-10.87	0	-10.87	8	Pass
NVNT	ax20 MIMO	2412	Sum	-8.97	0	-8.97	8	Pass
NVNT	ax20 MIMO	2442	Ant1	-12.46	0	-12.46	8	Pass
NVNT	ax20 MIMO	2442	Ant2	-12.83	0	-12.83	8	Pass
NVNT	ax20 MIMO	2442	Sum	-9.63	0	-9.63	8	Pass
NVNT	ax20 MIMO	2472	Ant1	-11.32	0	-11.32	8	Pass
NVNT	ax20 MIMO	2472	Ant2	-12.81	0	-12.81	8	Pass
NVNT	ax20 MIMO	2472	Sum	-8.99	0	-8.99	8	Pass
NVNT	ax40 SISO	2422	Ant1	-16.03	0	-16.03	8	Pass
NVNT	ax40 SISO	2442	Ant1	-16.95	0	-16.95	8	Pass
NVNT	ax40 SISO	2462	Ant1	-16.31	0	-16.31	8	Pass
NVNT	ax40 SISO	2422	Ant2	-17.9	0	-17.9	8	Pass
NVNT	ax40 SISO	2442	Ant2	-17.13	0	-17.13	8	Pass
NVNT	ax40 SISO	2462	Ant2	-17.48	0	-17.48	8	Pass
NVNT	ax40 MIMO	2422	Ant1	-16.31	0	-16.31	8	Pass
NVNT	ax40 MIMO	2422	Ant2	-17.02	0	-17.02	8	Pass
NVNT	ax40 MIMO	2422	Sum	-13.64	0	-13.64	8	Pass
NVNT	ax40 MIMO	2442	Ant1	-17.01	0	-17.01	8	Pass
NVNT	ax40 MIMO	2442	Ant2	-17.82	0	-17.82	8	Pass
NVNT	ax40 MIMO	2442	Sum	-14.39	0	-14.39	8	Pass
NVNT	ax40 MIMO	2462	Ant1	-16.2	0	-16.2	8	Pass
NVNT	ax40 MIMO	2462	Ant2	-17.28	0	-17.28	8	Pass
NVNT	ax40 MIMO	2462	Sum	-13.7	0	-13.7	8	Pass



NVNT	ax20 26@0 SISO	2412	Ant1	-61.51	0	-61.51	8	Pass
NVNT	ax20 26@0 SISO	2412	Ant2	-6.08	0	-6.08	8	Pass
NVNT	ax20 26@0 MIMO	2412	Ant1	-6.57	0	-6.57	8	Pass
NVNT	ax20 26@0 MIMO	2412	Ant2	-6.01	0	-6.01	8	Pass
NVNT	ax20 26@0 MIMO	2412	Sum	-3.27	0	-3.27	8	Pass
NVNT	ax20 26@4 SISO	2442	Ant1	-6.85	0	-6.85	8	Pass
NVNT	ax20 26@4 SISO	2442	Ant2	-6.85	0	-6.85	8	Pass
NVNT	ax20 26@4 MIMO	2442	Ant1	-8.69	0	-8.69	8	Pass
NVNT	ax20 26@4 MIMO	2442	Ant2	-6.79	0	-6.79	8	Pass
NVNT	ax20 26@4 MIMO	2442	Sum	-4.63	0	-4.63	8	Pass
NVNT	ax20 26@8 SISO	2472	Ant1	-7.45	0	-7.45	8	Pass
NVNT	ax20 26@8 SISO	2472	Ant2	-8.94	0	-8.94	8	Pass
NVNT	ax20 26@8 MIMO	2472	Ant1	-7.84	0	-7.84	8	Pass
NVNT	ax20 26@8 MIMO	2472	Ant2	-8.82	0	-8.82	8	Pass
NVNT	ax20 26@8 MIMO	2472	Sum	-5.29	0	-5.29	8	Pass
NVNT	ax20 52@37 SISO	2412	Ant1	-11.4	0	-11.4	8	Pass
NVNT	ax20 52@37 SISO	2412	Ant2	-9.01	0	-9.01	8	Pass
NVNT	ax20 52@37 MIMO	2412	Ant1	-16.03	0	-16.03	8	Pass
NVNT	ax20 52@37 MIMO	2412	Ant2	-9.45	0	-9.45	8	Pass
NVNT	ax20 52@37 MIMO	2412	Sum	-8.59	0	-8.59	8	Pass
NVNT	ax20 52@38 SISO	2442	Ant1	-13.73	0	-13.73	8	Pass
NVNT	ax20 52@38 SISO	2442	Ant2	-9.29	0	-9.29	8	Pass
NVNT	ax20 52@38 MIMO	2442	Ant1	-14.42	0	-14.42	8	Pass
NVNT	ax20 52@38 MIMO	2442	Ant2	-9.57	0	-9.57	8	Pass
NVNT	ax20 52@38 MIMO	2442	Sum	-8.34	0	-8.34	8	Pass
NVNT	ax20 52@40 SISO	2472	Ant1	-16.02	0	-16.02	8	Pass
NVNT	ax20 52@40 SISO	2472	Ant2	-11.5	0	-11.5	8	Pass



REPORT No.: SZ24060210W06

NVNT	ax20 52@40 MIMO	2472	Ant1	-16.35	0	-16.35	8	Pass
NVNT	ax20 52@40 MIMO	2472	Ant2	-11.95	0	-11.95	8	Pass
NVNT	ax20 52@40 MIMO	2472	Sum	-10.6	0	-10.6	8	Pass
NVNT	ax20 106@53 SISO	2412	Ant1	-19.69	0	-19.69	8	Pass
NVNT	ax20 106@53 SISO	2442	Ant1	-18.56	0	-18.56	8	Pass
NVNT	ax20 106@53 SISO	2412	Ant2	-12.33	0	-12.33	8	Pass
NVNT	ax20 106@53 SISO	2442	Ant2	-11.96	0	-11.96	8	Pass
NVNT	ax20 106@53 MIMO	2412	Ant1	-19.62	0	-19.62	8	Pass
NVNT	ax20 106@53 MIMO	2412	Ant2	-12.57	0	-12.57	8	Pass
NVNT	ax20 106@53 MIMO	2412	Sum	-11.79	0	-11.79	8	Pass
NVNT	ax20 106@53 MIMO	2442	Ant1	-18.38	0	-18.38	8	Pass
NVNT	ax20 106@53 MIMO	2442	Ant2	-11.98	0	-11.98	8	Pass
NVNT	ax20 106@53 MIMO	2442	Sum	-11.08	0	-11.08	8	Pass
NVNT	ax20 106@54 SISO	2472	Ant1	-18.58	0	-18.58	8	Pass
NVNT	ax20 106@54 SISO	2472	Ant2	-13.28	0	-13.28	8	Pass
NVNT	ax20 106@54 MIMO	2472	Ant1	-18.84	0	-18.84	8	Pass
NVNT	ax20 106@54 MIMO	2472	Ant2	-13.31	0	-13.31	8	Pass
NVNT	ax20 106@54 MIMO	2472	Sum	-12.24	0	-12.24	8	Pass
NVNT	ax40 26@0 SISO	2422	Ant1	-15.04	0	-15.04	8	Pass
NVNT	ax40 26@0 SISO	2442	Ant1	-16.75	0	-16.75	8	Pass
NVNT	ax40 26@0 SISO	2462	Ant1	-12.11	0	-12.11	8	Pass



NVNT	ax40 26@0 SISO	2422	Ant2	-8.5	0	-8.5	8	Pass
NVNT	ax40 26@0 SISO	2442	Ant2	-7.6	0	-7.6	8	Pass
NVNT	ax40 26@0 SISO	2462	Ant2	-5.97	0	-5.97	8	Pass
NVNT	ax40 26@0 MIMO	2422	Ant1	-15.04	0	-15.04	8	Pass
NVNT	ax40 26@0 MIMO	2422	Ant2	-8.56	0	-8.56	8	Pass
NVNT	ax40 26@0 MIMO	2422	Sum	-7.68	0	-7.68	8	Pass
NVNT	ax40 26@0 MIMO	2442	Ant1	-17.02	0	-17.02	8	Pass
NVNT	ax40 26@0 MIMO	2442	Ant2	-7.8	0	-7.8	8	Pass
NVNT	ax40 26@0 MIMO	2442	Sum	-7.31	0	-7.31	8	Pass
NVNT	ax40 26@0 MIMO	2462	Ant1	-11.91	0	-11.91	8	Pass
NVNT	ax40 26@0 MIMO	2462	Ant2	-6.69	0	-6.69	8	Pass
NVNT	ax40 26@0 MIMO	2462	Sum	-5.55	0	-5.55	8	Pass
NVNT	ax40 52@37 SISO	2422	Ant1	-18.2	0	-18.2	8	Pass
NVNT	ax40 52@37 SISO	2442	Ant1	-19.48	0	-19.48	8	Pass
NVNT	ax40 52@37 SISO	2462	Ant1	-14.69	0	-14.69	8	Pass
NVNT	ax40 52@37 SISO	2422	Ant2	-11.56	0	-11.56	8	Pass
NVNT	ax40 52@37 SISO	2442	Ant2	-10.36	0	-10.36	8	Pass
NVNT	ax40 52@37 SISO	2462	Ant2	-8.75	0	-8.75	8	Pass
NVNT	ax40 52@37 MIMO	2422	Ant1	-18.49	0	-18.49	8	Pass
NVNT	ax40 52@37 MIMO	2422	Ant2	-11.18	0	-11.18	8	Pass
NVNT	ax40 52@37 MIMO	2422	Sum	-10.44	0	-10.44	8	Pass
NVNT	ax40 52@37 MIMO	2442	Ant1	-20.43	0	-20.43	8	Pass
NVNT	ax40 52@37 MIMO	2442	Ant2	-10.09	0	-10.09	8	Pass
NVNT	ax40 52@37 MIMO	2442	Sum	-9.71	0	-9.71	8	Pass
NVNT	ax40 52@37 MIMO	2462	Ant1	-14.52	0	-14.52	8	Pass
NVNT	ax40 52@37	2462	Ant2	-9.4	0	-9.4	8	Pass



	MIMO							
NVNT	ax40 52@37 MIMO	2462	Sum	-8.24	0	-8.24	8	Pass
NVNT	ax40 106@53 SISO	2422	Ant1	-20.89	0	-20.89	8	Pass
NVNT	ax40 106@53 SISO	2442	Ant1	-22.64	0	-22.64	8	Pass
NVNT	ax40 106@53 SISO	2462	Ant1	-17.84	0	-17.84	8	Pass
NVNT	ax40 106@53 SISO	2422	Ant2	-14.18	0	-14.18	8	Pass
NVNT	ax40 106@53 SISO	2442	Ant2	-13.16	0	-13.16	8	Pass
NVNT	ax40 106@53 SISO	2462	Ant2	-12.59	0	-12.59	8	Pass
NVNT	ax40 106@53 MIMO	2422	Ant1	-21.33	0	-21.33	8	Pass
NVNT	ax40 106@53 MIMO	2422	Ant2	-14.58	0	-14.58	8	Pass
NVNT	ax40 106@53 MIMO	2422	Sum	-13.75	0	-13.75	8	Pass
NVNT	ax40 106@53 MIMO	2442	Ant1	-22.6	0	-22.6	8	Pass
NVNT	ax40 106@53 MIMO	2442	Ant2	-13.1	0	-13.1	8	Pass
NVNT	ax40 106@53 MIMO	2442	Sum	-12.64	0	-12.64	8	Pass
NVNT	ax40 106@53 MIMO	2462	Ant1	-17.69	0	-17.69	8	Pass
NVNT	ax40 106@53 MIMO	2462	Ant2	-12.07	0	-12.07	8	Pass
NVNT	ax40 106@53 MIMO	2462	Sum	-11.02	0	-11.02	8	Pass
NVNT	ax40 242@61 SISO	2422	Ant1	-24.04	0	-24.04	8	Pass
NVNT	ax40 242@61 SISO	2442	Ant1	-23.77	0	-23.77	8	Pass
NVNT	ax40 242@61 SISO	2462	Ant1	-21.25	0	-21.25	8	Pass

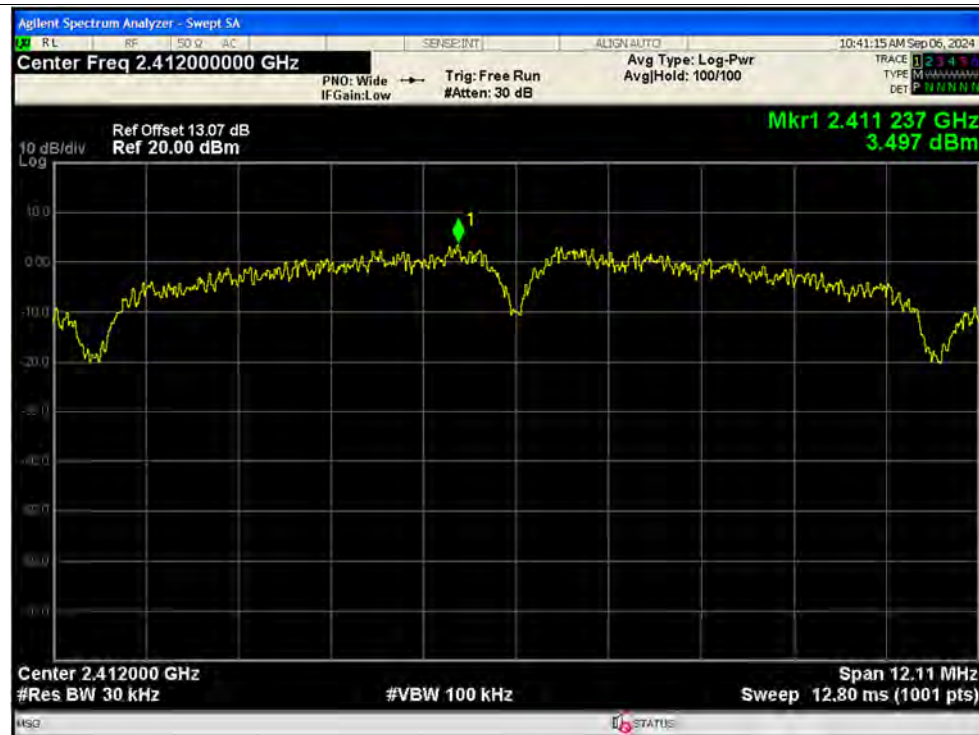


REPORT No.: SZ24060210W06

NVNT	ax40 242@61 SISO	2422	Ant2	-15.67	0	-15.67	8	Pass
NVNT	ax40 242@61 SISO	2442	Ant2	-15.42	0	-15.42	8	Pass
NVNT	ax40 242@61 SISO	2462	Ant2	-14.97	0	-14.97	8	Pass
NVNT	ax40 242@61 MIMO	2422	Ant1	-24.17	0	-24.17	8	Pass
NVNT	ax40 242@61 MIMO	2422	Ant2	-15.55	0	-15.55	8	Pass
NVNT	ax40 242@61 MIMO	2422	Sum	-14.99	0	-14.99	8	Pass
NVNT	ax40 242@61 MIMO	2442	Ant1	-23.71	0	-23.71	8	Pass
NVNT	ax40 242@61 MIMO	2442	Ant2	-15.47	0	-15.47	8	Pass
NVNT	ax40 242@61 MIMO	2442	Sum	-14.86	0	-14.86	8	Pass
NVNT	ax40 242@61 MIMO	2462	Ant1	-22.16	0	-22.16	8	Pass
NVNT	ax40 242@61 MIMO	2462	Ant2	-15.8	0	-15.8	8	Pass
NVNT	ax40 242@61 MIMO	2462	Sum	-14.9	0	-14.9	8	Pass

Test Graphs

PSD NVNT b 2412MHz Ant1 SISO



PSD NVNT b 2442MHz Ant1 SISO





PSD NVNT b 2472MHz Ant1 SISO



PSD NVNT b 2412MHz Ant2 SISO





PSD NVNT b 2442MHz Ant2 SISO



PSD NVNT b 2472MHz Ant2 SISO

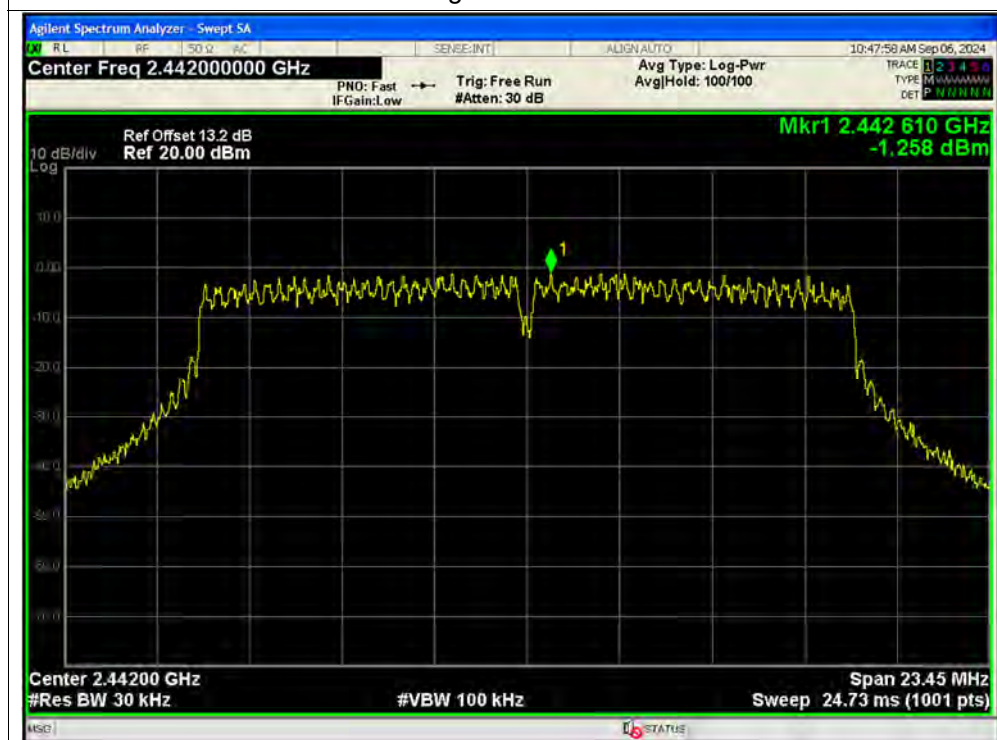




PSD NVNT g 2412MHz Ant1 SISO



PSD NVNT g 2442MHz Ant1 SISO



PSD NVNT g 2472MHz Ant1 SISO



PSD NVNT g 2412MHz Ant2 SISO



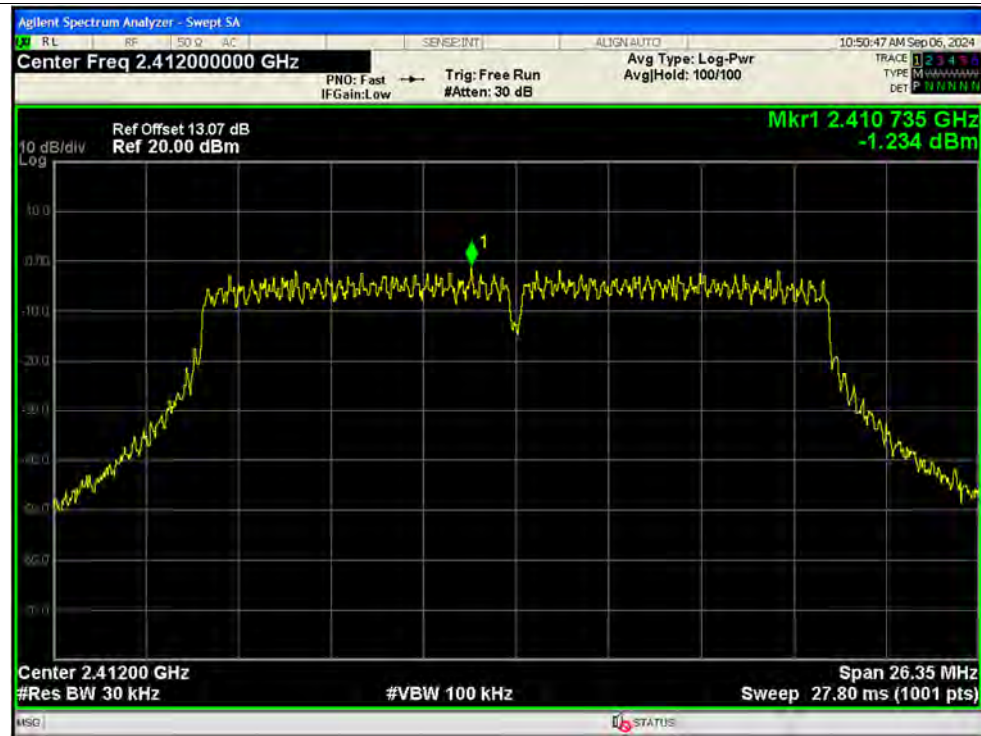
PSD NVNT g 2442MHz Ant2 SISO



PSD NVNT g 2472MHz Ant2 SISO



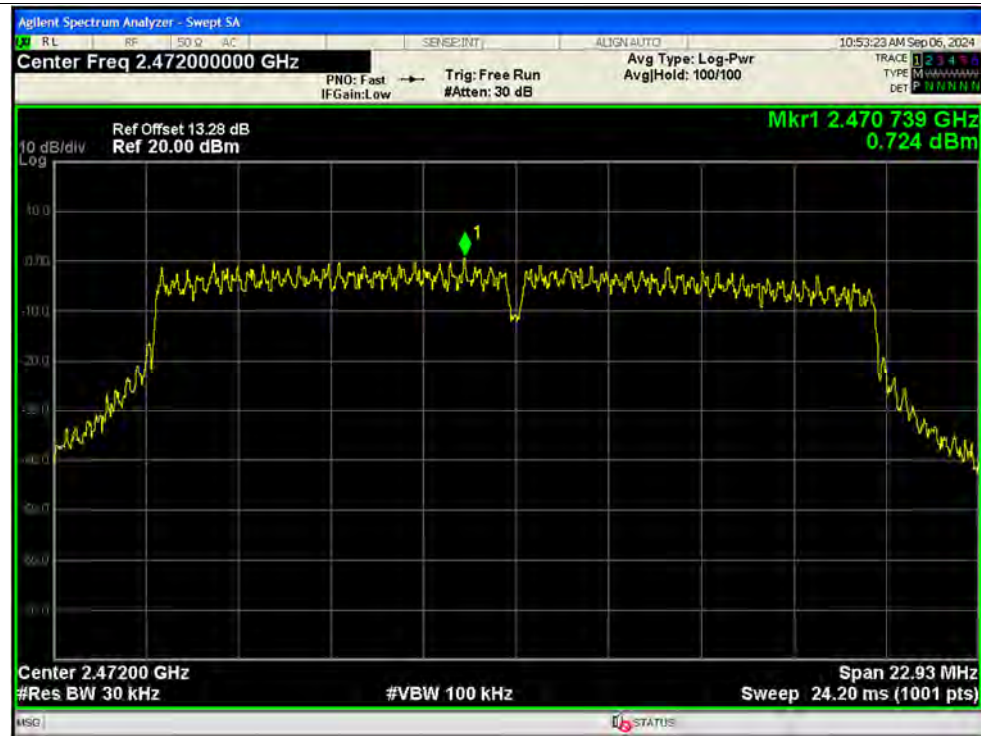
PSD NVNT n20 2412MHz Ant1 SISO



PSD NVNT n20 2442MHz Ant1 SISO



PSD NVNT n20 2472MHz Ant1 SISO

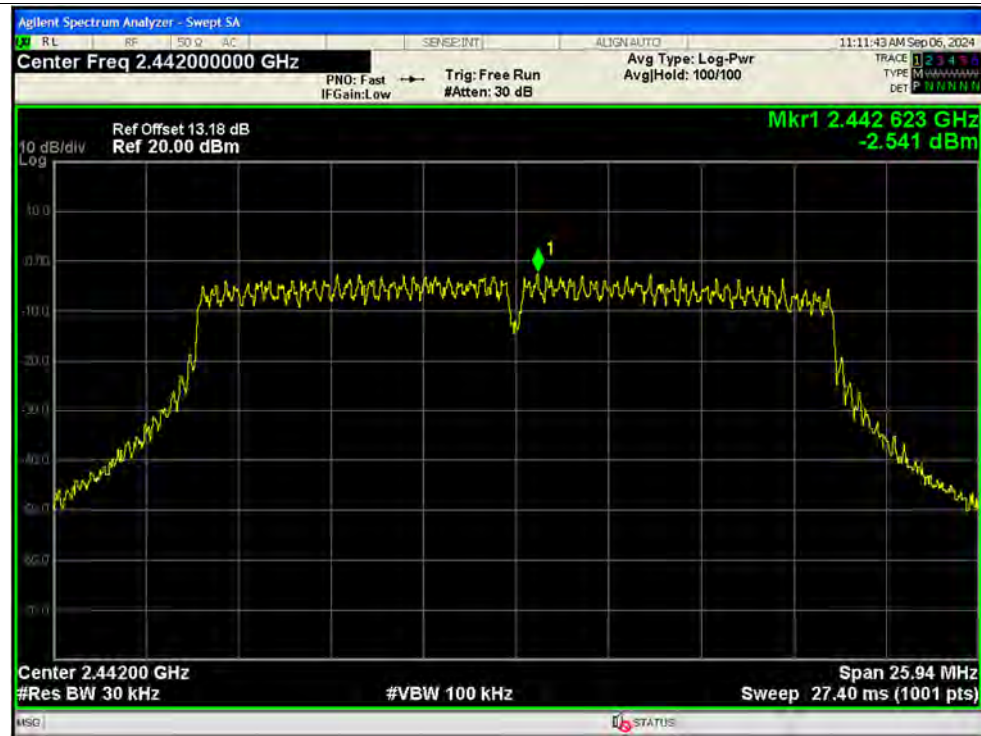


PSD NVNT n20 2412MHz Ant2 SISO





PSD NVNT n20 2442MHz Ant2 SISO

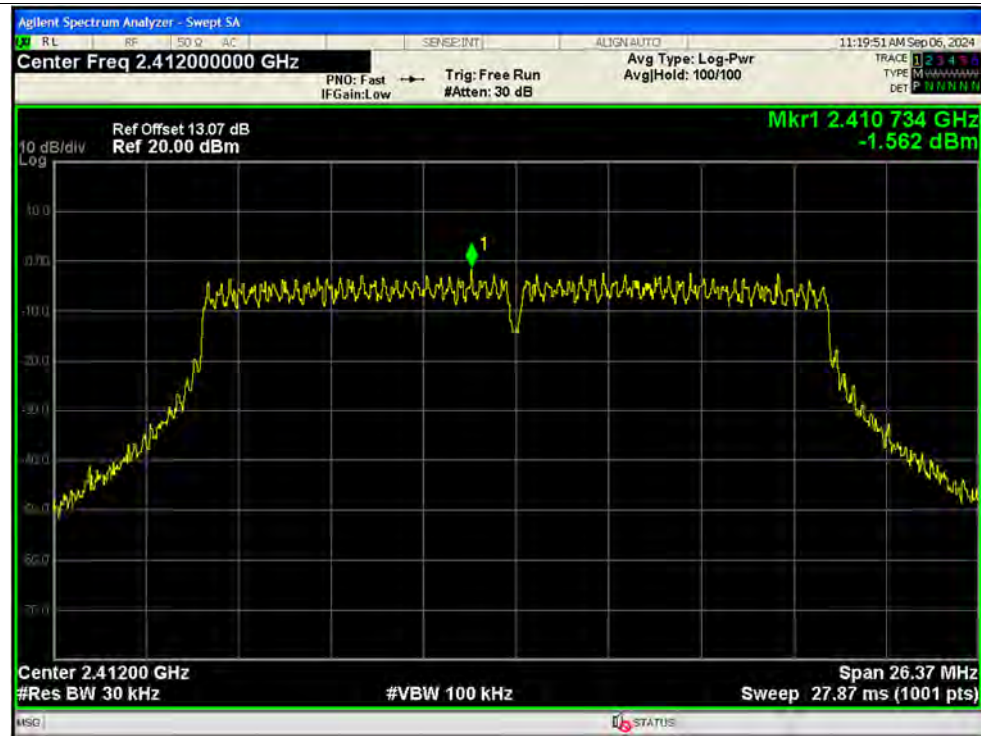


PSD NVNT n20 2472MHz Ant2 SISO





PSD NVNT n20 2412MHz Ant1 MIMO



PSD NVNT n20 2412MHz Ant2 MIMO





PSD NVNT n20 2442MHz Ant1 MIMO



PSD NVNT n20 2442MHz Ant2 MIMO



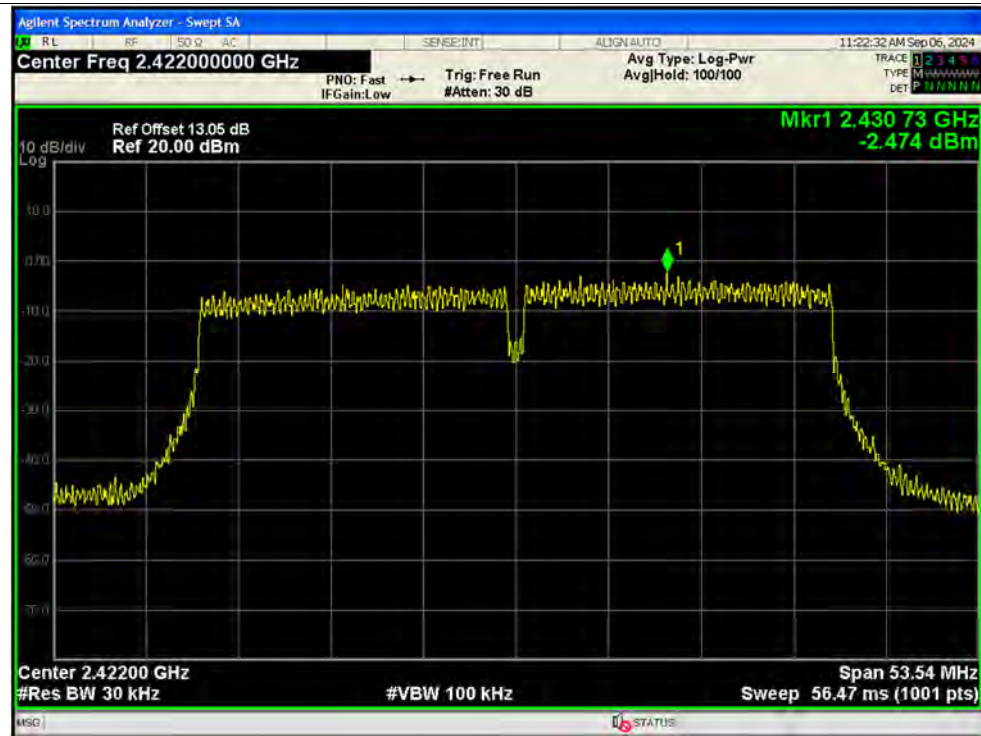
PSD NVNT n20 2472MHz Ant1 MIMO



PSD NVNT n20 2472MHz Ant2 MIMO



PSD NVNT n40 2422MHz Ant1 SISO



PSD NVNT n40 2442MHz Ant1 SISO



PSD NVNT n40 2462MHz Ant1 SISO



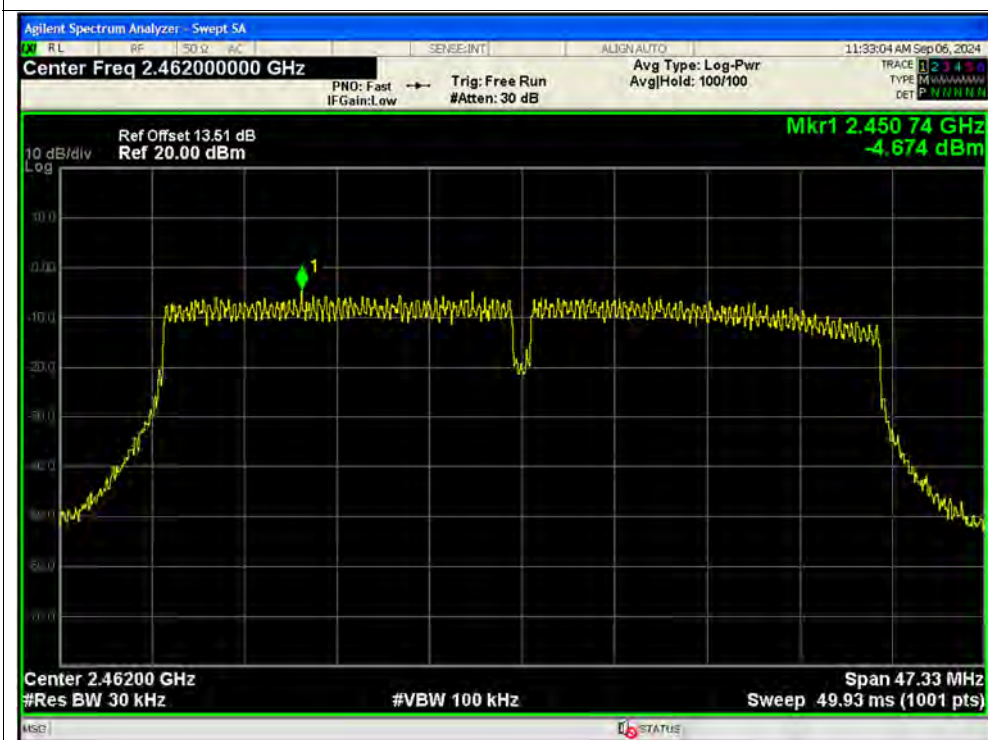
PSD NVNT n40 2422MHz Ant2 SISO



PSD NVNT n40 2442MHz Ant2 SISO



PSD NVNT n40 2462MHz Ant2 SISO



PSD NVNT n40 2422MHz Ant1 MIMO



PSD NVNT n40 2422MHz Ant2 MIMO



PSD NVNT n40 2442MHz Ant1 MIMO



PSD NVNT n40 2442MHz Ant2 MIMO



PSD NVNT n40 2462MHz Ant1 MIMO



PSD NVNT n40 2462MHz Ant2 MIMO



PSD NVNT ax20 2412MHz Ant1 SISO



PSD NVNT ax20 2442MHz Ant1 SISO

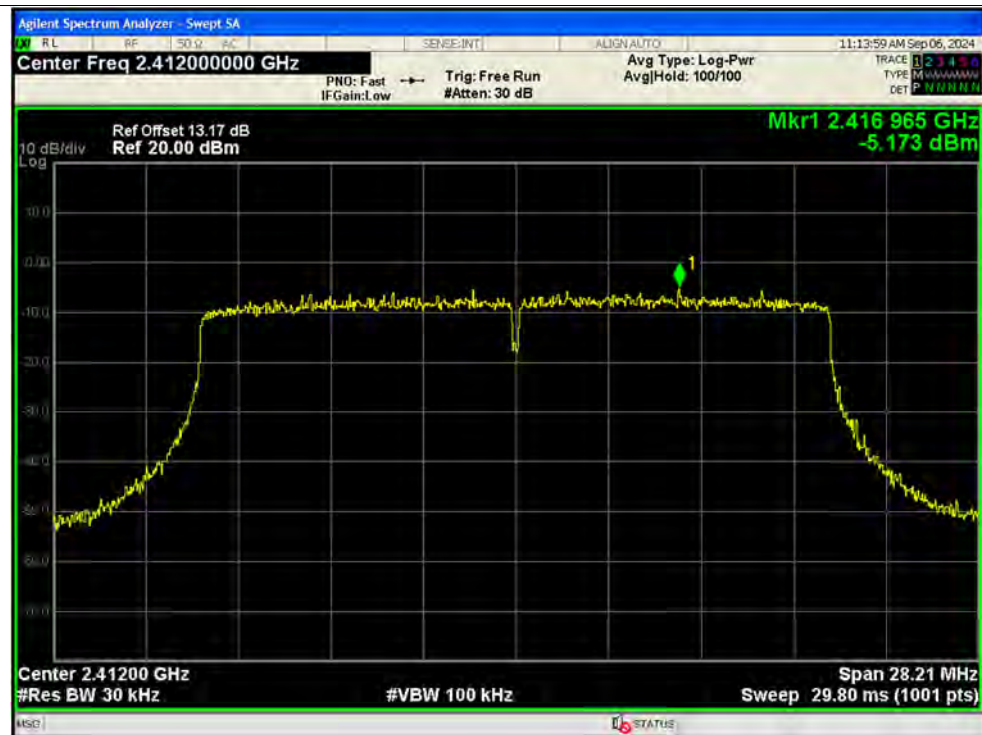




PSD NVNT ax20 2472MHz Ant1 SISO



PSD NVNT ax20 2412MHz Ant2 SISO



PSD NVNT ax20 2442MHz Ant2 SISO



PSD NVNT ax20 2472MHz Ant2 SISO



PSD NVNT ax20 2412MHz Ant1 MIMO



PSD NVNT ax20 2412MHz Ant2 MIMO





PSD NVNT ax20 2442MHz Ant1 MIMO



PSD NVNT ax20 2442MHz Ant2 MIMO



PSD NVNT ax20 2472MHz Ant1 MIMO



PSD NVNT ax20 2472MHz Ant2 MIMO





PSD NVNT ax40 2422MHz Ant1 SISO



PSD NVNT ax40 2442MHz Ant1 SISO



PSD NVNT ax40 2462MHz Ant1 SISO



PSD NVNT ax40 2422MHz Ant2 SISO





PSD NVNT ax40 2442MHz Ant2 SISO



PSD NVNT ax40 2462MHz Ant2 SISO





PSD NVNT ax40 2422MHz Ant1 MIMO



PSD NVNT ax40 2422MHz Ant2 MIMO





PSD NVNT ax40 2442MHz Ant1 MIMO



PSD NVNT ax40 2442MHz Ant2 MIMO





PSD NVNT ax40 2462MHz Ant1 MIMO

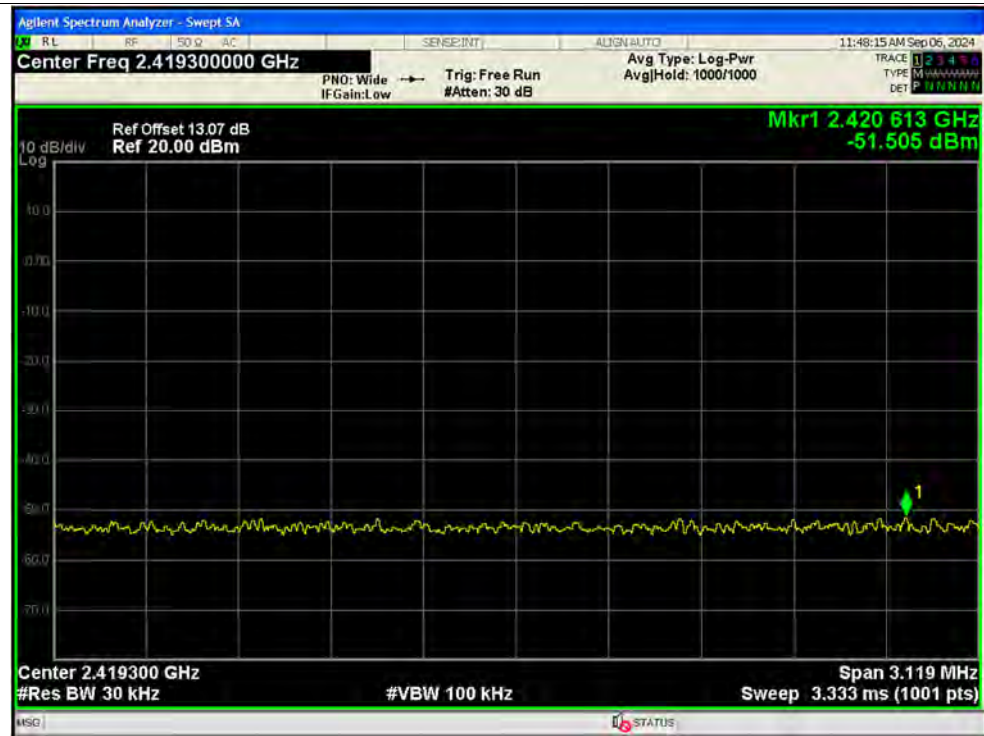


PSD NVNT ax40 2462MHz Ant2 MIMO





PSD NVNT ax20 26@0 2412MHz Ant1 SISO



PSD NVNT ax20 26@0 2412MHz Ant2 SISO





PSD NVNT ax20 26@0 2412MHz Ant1 MIMO



PSD NVNT ax20 26@0 2412MHz Ant2 MIMO



PSD NVNT ax20 26@4 2442MHz Ant1 SISO



PSD NVNT ax20 26@4 2442MHz Ant2 SISO



PSD NVNT ax20 26@4 2442MHz Ant1 MIMO



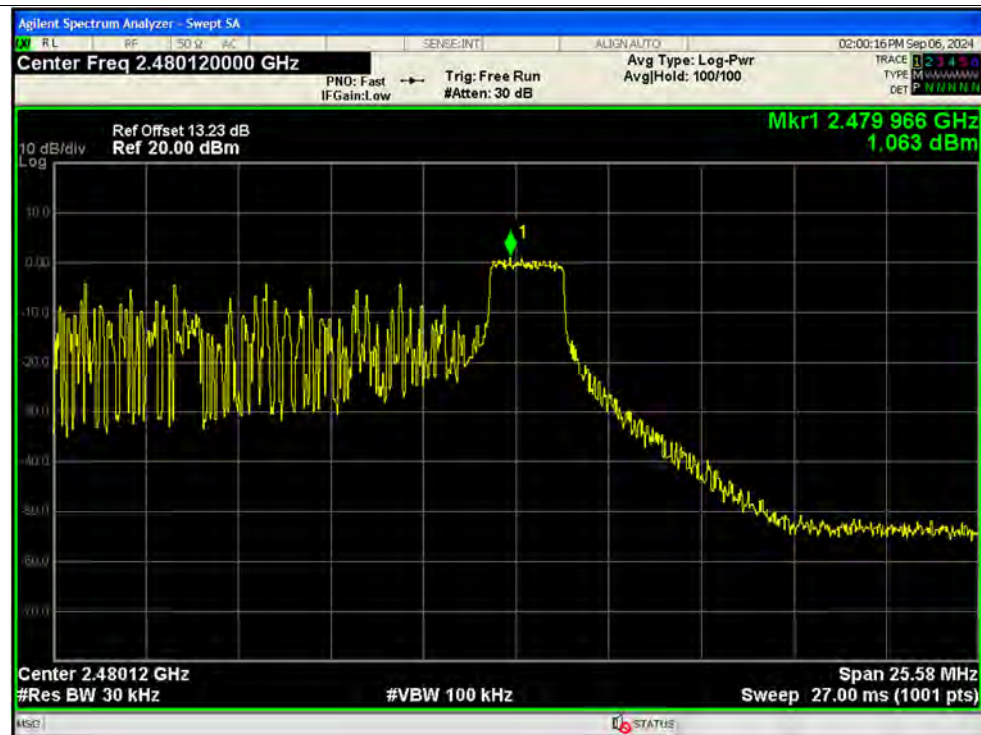
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PSD NVNT ax20 26@8 2472MHz Ant1 SISO



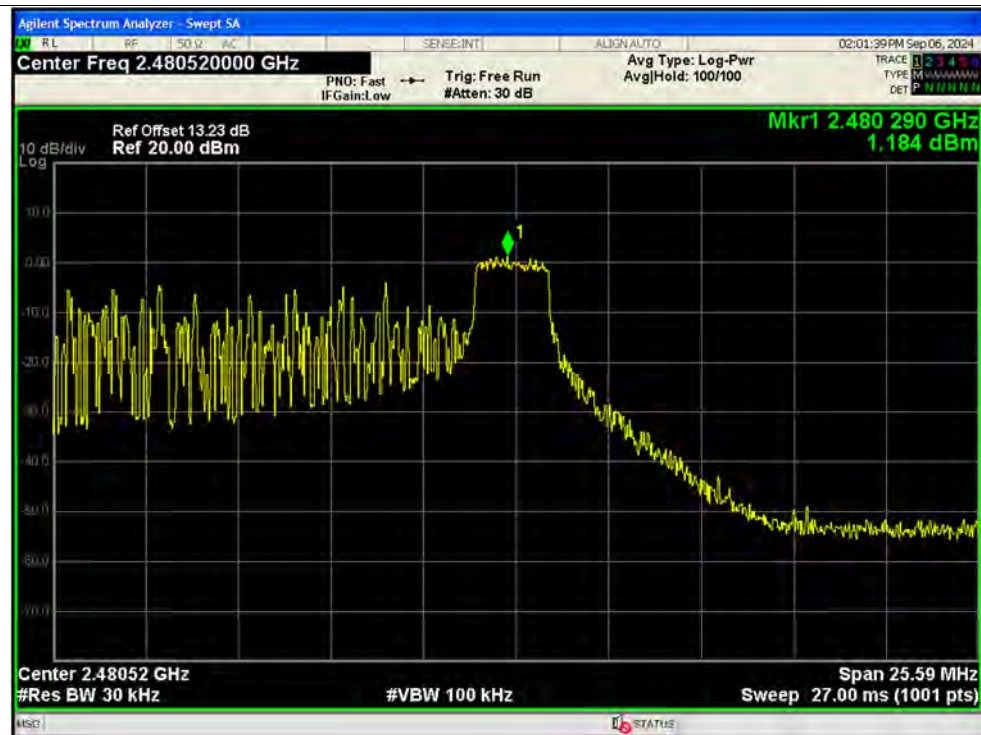
PSD NVNT ax20 26@8 2472MHz Ant2 SISO



PSD NVNT ax20 26@8 2472MHz Ant1 MIMO



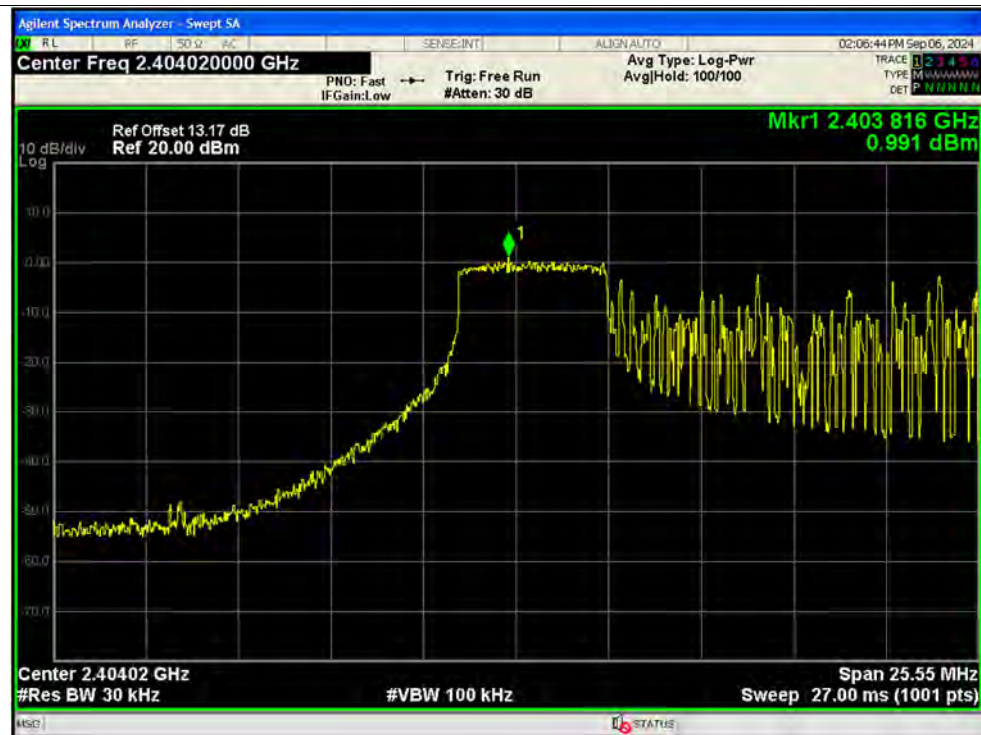
PSD NVNT ax20 26@8 2472MHz Ant2 MIMO



PSD NVNT ax20 52@37 2412MHz Ant1 SISO



PSD NVNT ax20 52@37 2412MHz Ant2 SISO





PSD NVNT ax20 52@37 2412MHz Ant1 MIMO



PSD NVNT ax20 52@37 2412MHz Ant2 MIMO

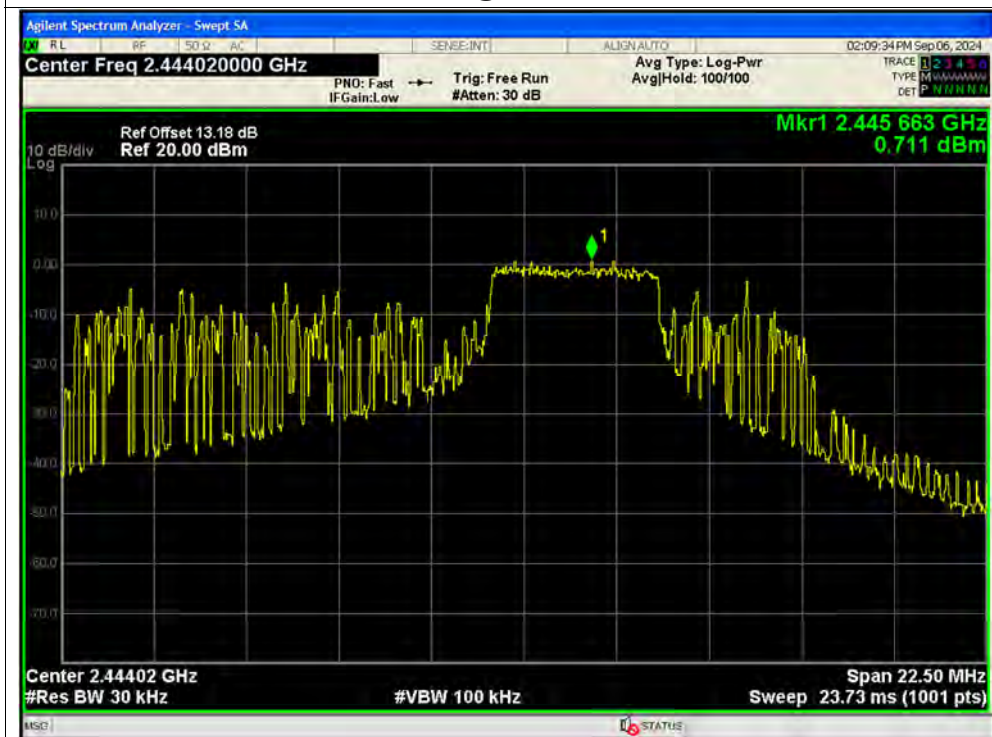




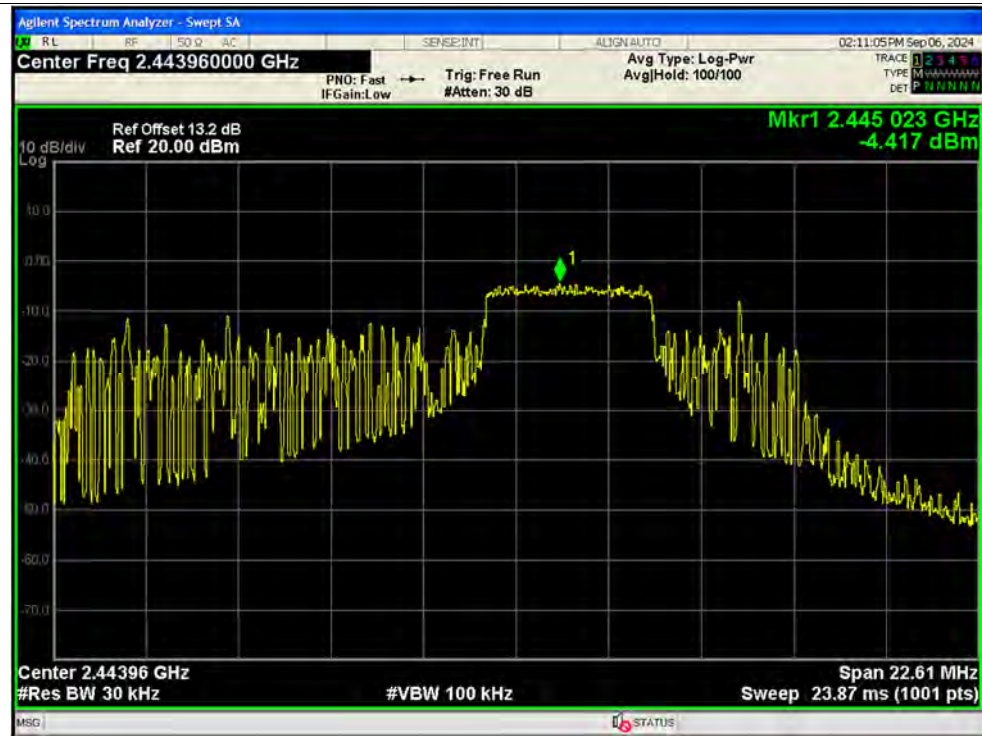
PSD NVNT ax20 52@38 2442MHz Ant1 SISO



PSD NVNT ax20 52@38 2442MHz Ant2 SISO



PSD NVNT ax20 52@38 2442MHz Ant1 MIMO



PSD NVNT ax20 52@38 2442MHz Ant2 MIMO





PSD NVNT ax20 52@40 2472MHz Ant1 SISO



PSD NVNT ax20 52@40 2472MHz Ant2 SISO



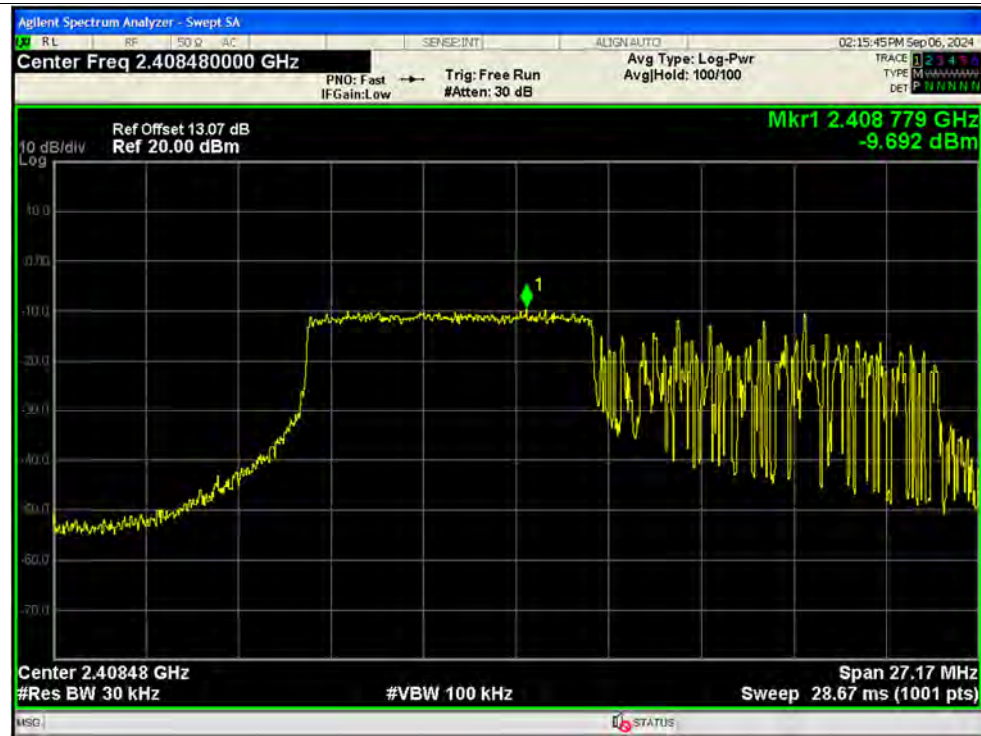
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PSD NVNT ax20 52@40 2472MHz Ant2 MIMO



PSD NVNT ax20 106@53 2412MHz Ant1 SISO



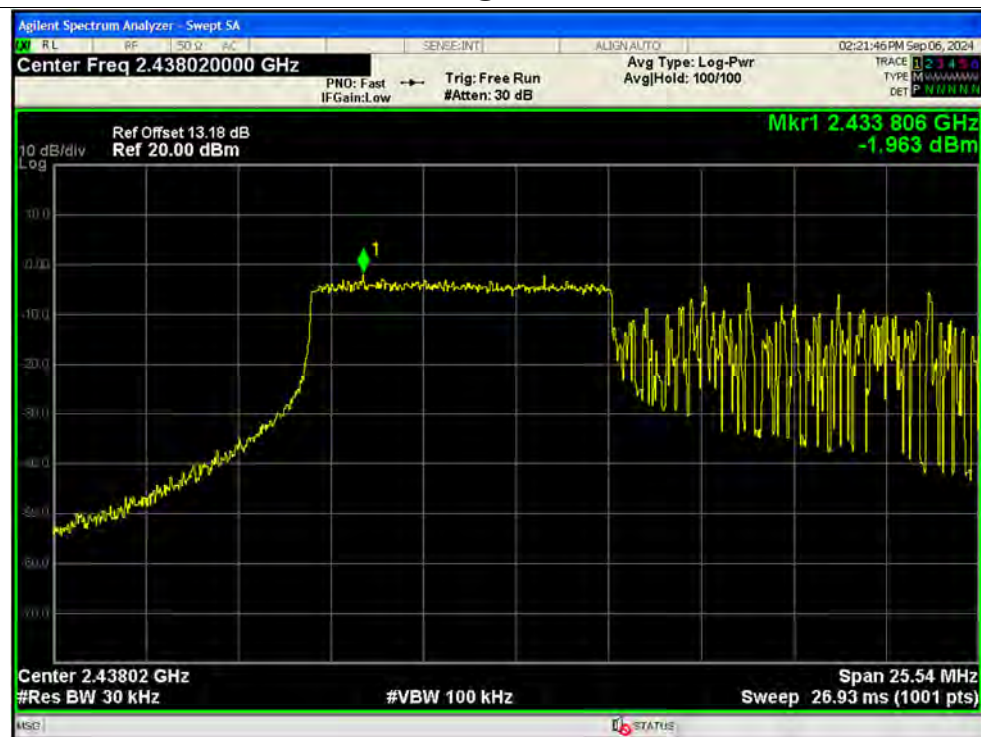
PSD NVNT ax20 106@53 2442MHz Ant1 SISO



PSD NVNT ax20 106@53 2412MHz Ant2 SISO



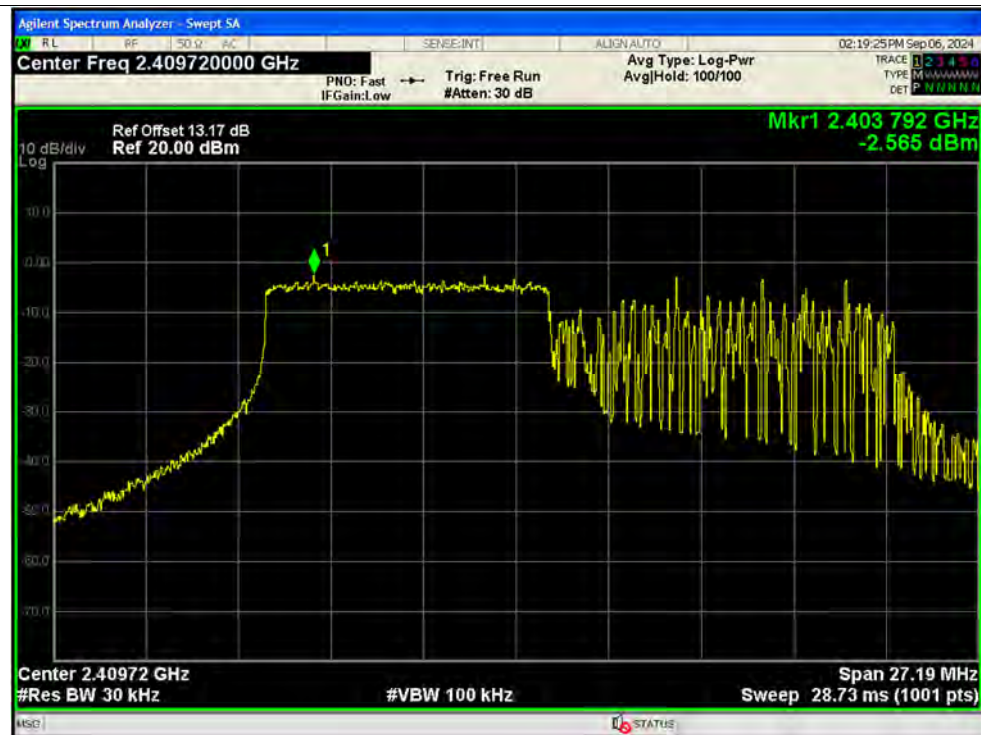
PSD NVNT ax20 106@53 2442MHz Ant2 SISO



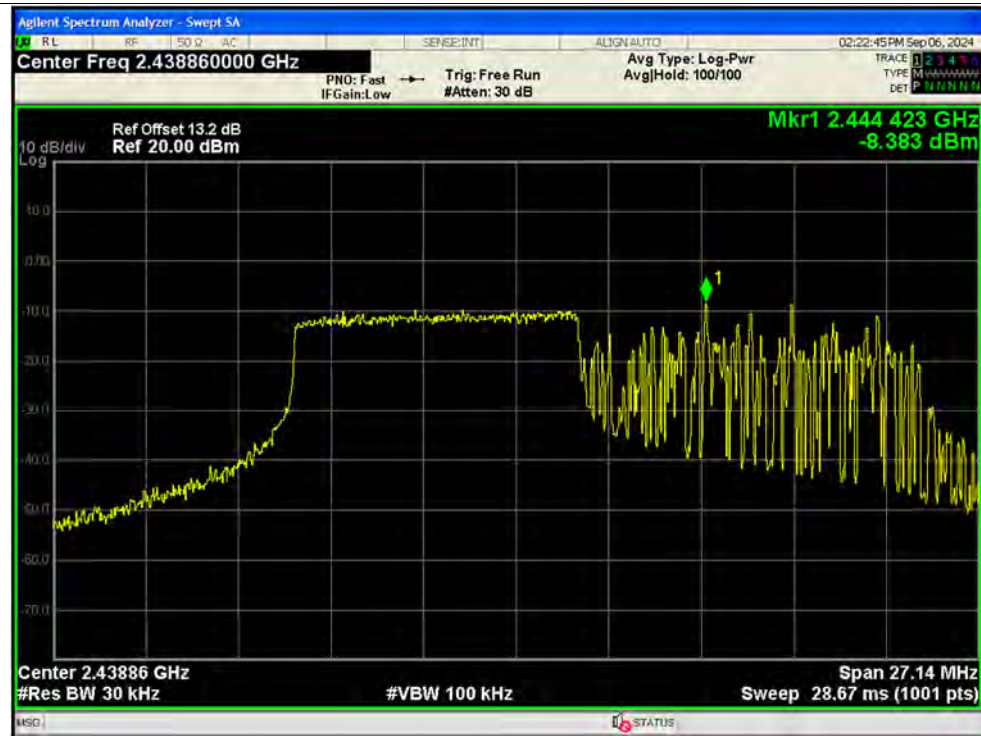
PSD NVNT ax20 106@53 2412MHz Ant1 MIMO



PSD NVNT ax20 106@53 2412MHz Ant2 MIMO



PSD NVNT ax20 106@53 2442MHz Ant1 MIMO



PSD NVNT ax20 106@53 2442MHz Ant2 MIMO





PSD NVNT ax20 106@54 2472MHz Ant1 SISO



PSD NVNT ax20 106@54 2472MHz Ant2 SISO





PSD NVNT ax20 106@54 2472MHz Ant1 MIMO



PSD NVNT ax20 106@54 2472MHz Ant2 MIMO



PSD NVNT ax40 26@0 2422MHz Ant1 SISO



PSD NVNT ax40 26@0 2442MHz Ant1 SISO



PSD NVNT ax40 26@0 2462MHz Ant1 SISO



PSD NVNT ax40 26@0 2422MHz Ant2 SISO





PSD NVNT ax40 26@0 2442MHz Ant2 SISO



PSD NVNT ax40 26@0 2462MHz Ant2 SISO





PSD NVNT ax40 26@0 2422MHz Ant1 MIMO



PSD NVNT ax40 26@0 2422MHz Ant2 MIMO





PSD NVNT ax40 26@0 2442MHz Ant1 MIMO



PSD NVNT ax40 26@0 2442MHz Ant2 MIMO





PSD NVNT ax40 26@0 2462MHz Ant1 MIMO



PSD NVNT ax40 26@0 2462MHz Ant2 MIMO





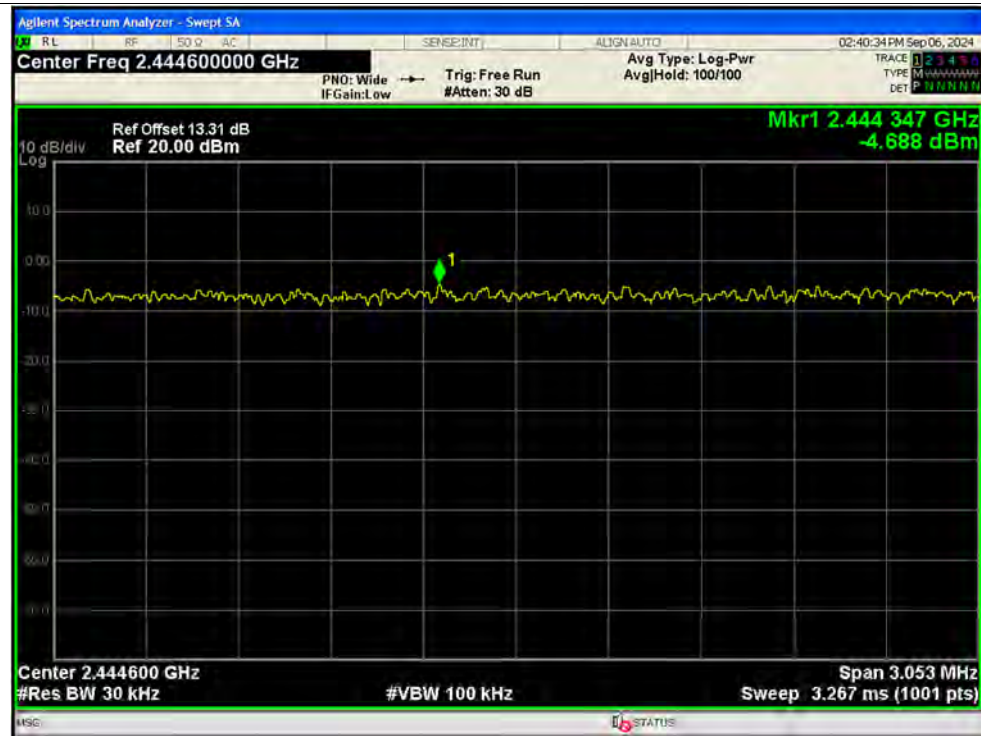
PSD NVNT ax40 52@37 2422MHz Ant1 SISO



PSD NVNT ax40 52@37 2442MHz Ant1 SISO



PSD NVNT ax40 52@37 2462MHz Ant1 SISO



PSD NVNT ax40 52@37 2422MHz Ant2 SISO





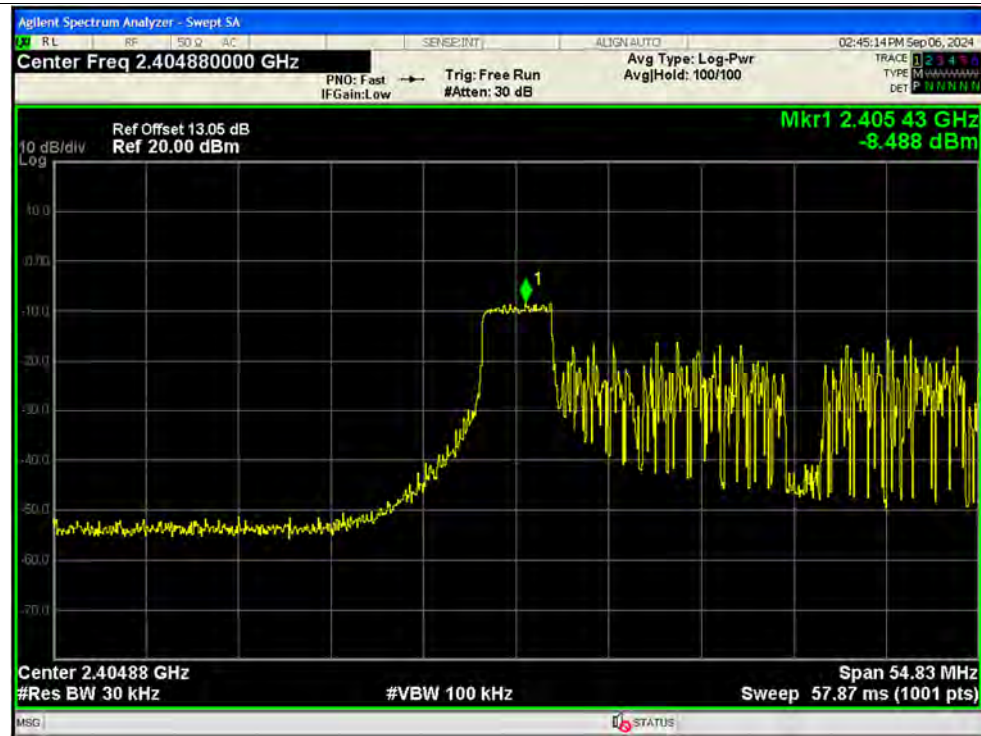
PSD NVNT ax40 52@37 2442MHz Ant2 SISO



PSD NVNT ax40 52@37 2462MHz Ant2 SISO



PSD NVNT ax40 52@37 2422MHz Ant1 MIMO



PSD NVNT ax40 52@37 2422MHz Ant2 MIMO



PSD NVNT ax40 52@37 2442MHz Ant1 MIMO



PSD NVNT ax40 52@37 2442MHz Ant2 MIMO





PSD NVNT ax40 52@37 2462MHz Ant1 MIMO



PSD NVNT ax40 52@37 2462MHz Ant2 MIMO





PSD NVNT ax40 106@53 2422MHz Ant1 SISO



PSD NVNT ax40 106@53 2442MHz Ant1 SISO



PSD NVNT ax40 106@53 2462MHz Ant1 SISO



PSD NVNT ax40 106@53 2422MHz Ant2 SISO



PSD NVNT ax40 106@53 2442MHz Ant2 SISO

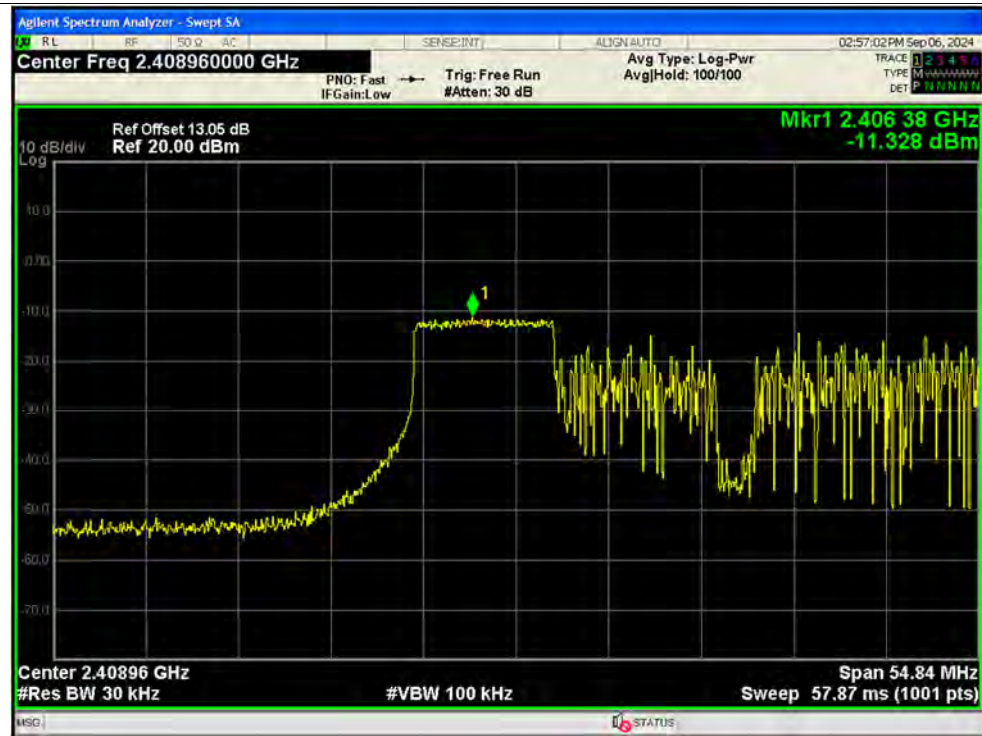


PSD NVNT ax40 106@53 2462MHz Ant2 SISO





PSD NVNT ax40 106@53 2422MHz Ant1 MIMO



PSD NVNT ax40 106@53 2422MHz Ant2 MIMO



PSD NVNT ax40 106@53 2442MHz Ant1 MIMO



PSD NVNT ax40 106@53 2442MHz Ant2 MIMO



PSD NVNT ax40 106@53 2462MHz Ant1 MIMO



PSD NVNT ax40 106@53 2462MHz Ant2 MIMO



PSD NVNT ax40 242@61 2422MHz Ant1 SISO



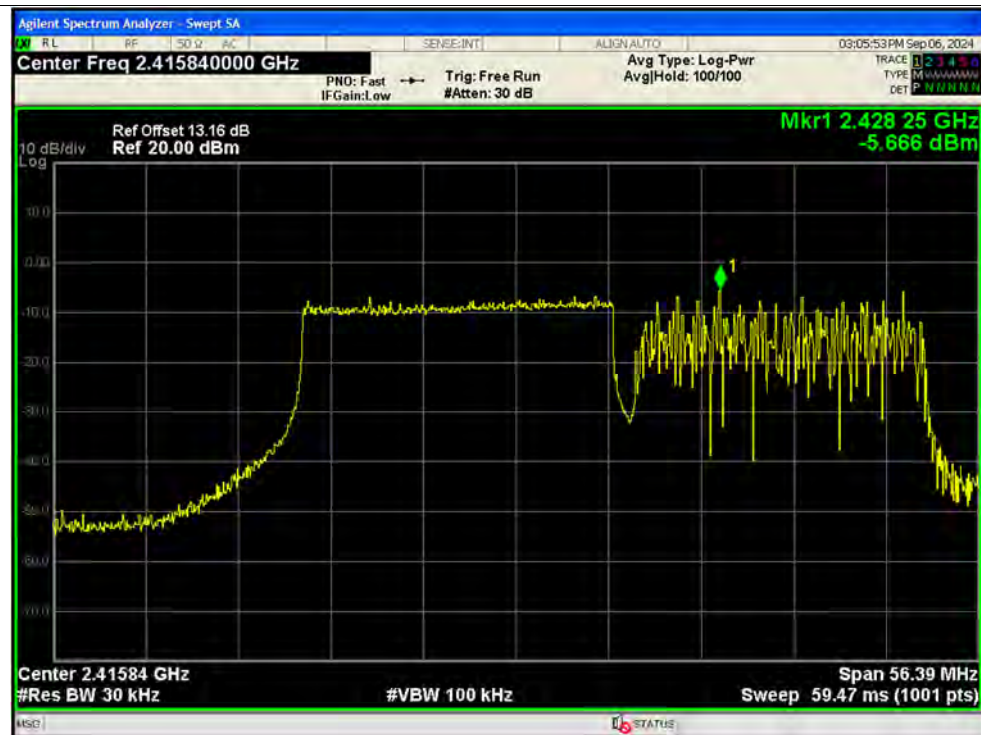
PSD NVNT ax40 242@61 2442MHz Ant1 SISO



PSD NVNT ax40 242@61 2462MHz Ant1 SISO



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PSD NVNT ax40 242@61 2462MHz Ant2 SISO

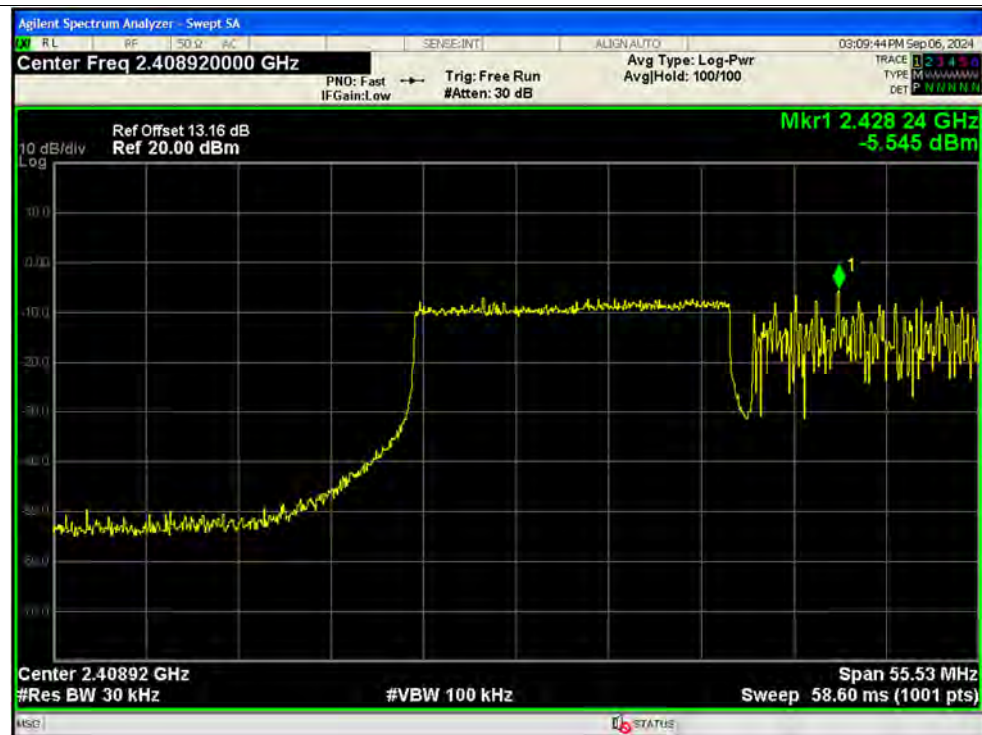




PSD NVNT ax40 242@61 2422MHz Ant1 MIMO



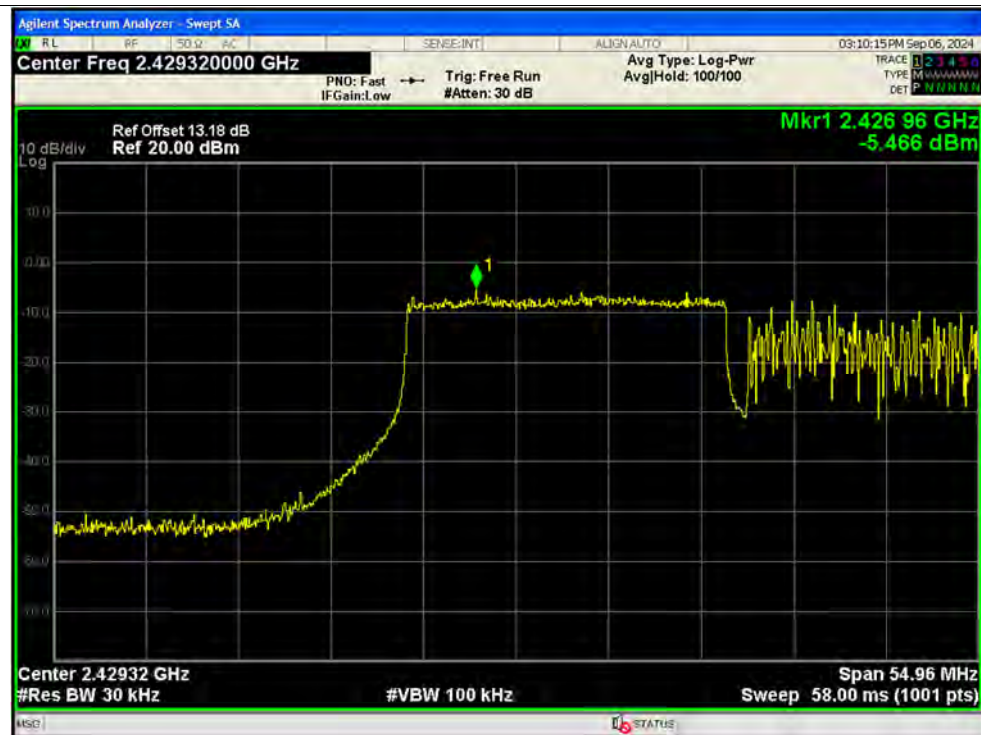
PSD NVNT ax40 242@61 2422MHz Ant2 MIMO



PSD NVNT ax40 242@61 2442MHz Ant1 MIMO



PSD NVNT ax40 242@61 2442MHz Ant2 MIMO



PSD NVNT ax40 242@61 2462MHz Ant1 MIMO



PSD NVNT ax40 242@61 2462MHz Ant2 MIMO





A.8. Conducted Emission

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Set RBW=9kHz, VBW=30kHz. Refer to recorded points and plots below.

Note: Both of the test voltage AC 120V/60Hz and AC 230V/50Hz were considered and tested respectively, only the results of the worst case AC 120V/60Hz were recorded in this report.

A. Test Setup:

Test Mode: EUT+USB Cable+PC+PC Adapter+WIFI TX

Test voltage: AC 120V/60Hz

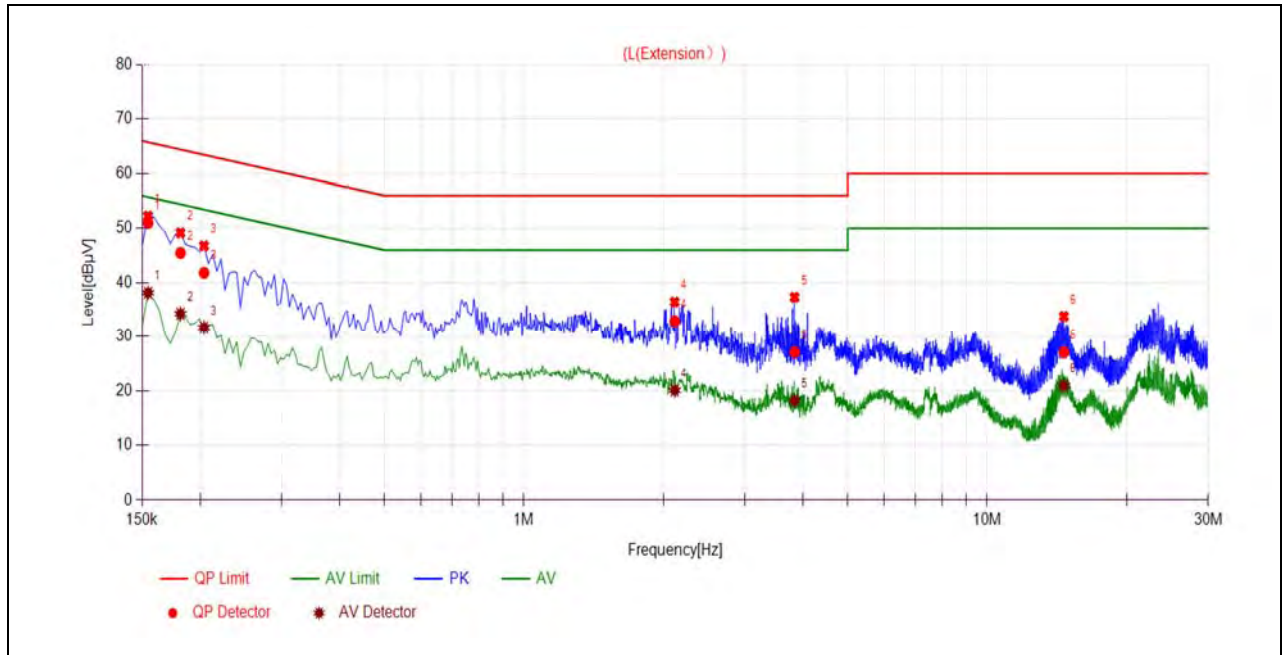
The measurement results are obtained as below:

$$E \text{ [dB}\mu\text{V]} = U_R + L_{\text{Cable loss [dB]} + A_{\text{Factor}}$$

U_R : Receiver Reading

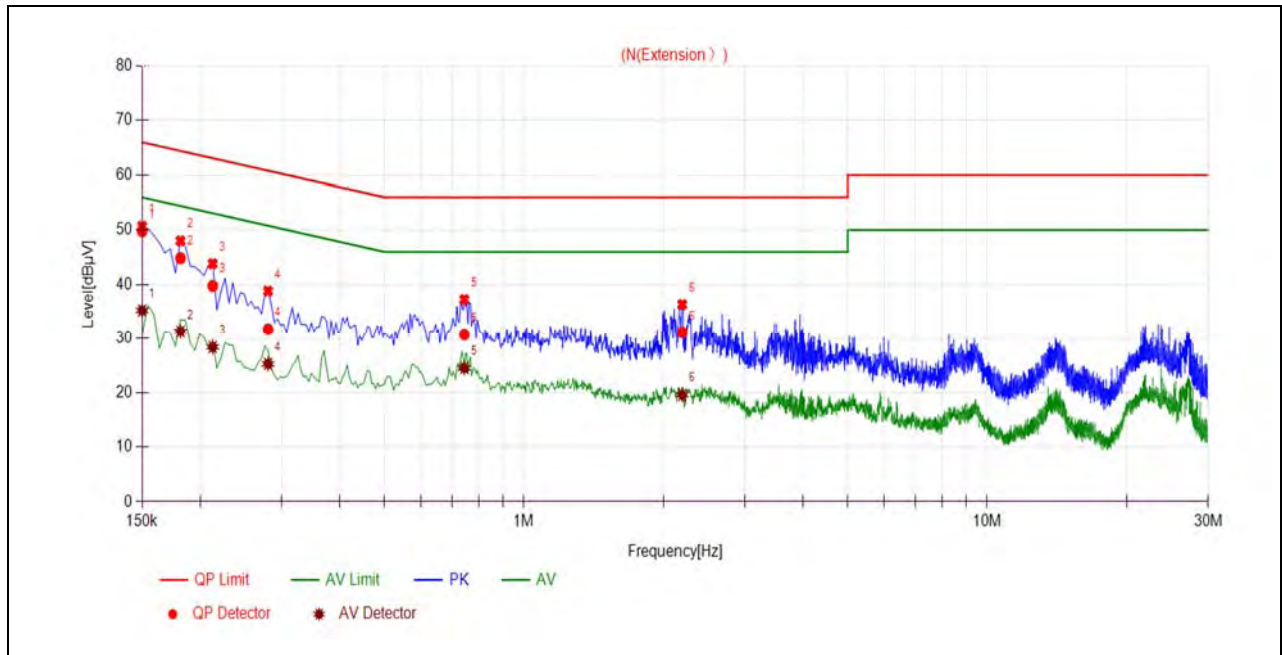
A_{Factor} : Voltage division factor of LISN

B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1545	51.00	38.14	65.75	55.75	Line	PASS
2	0.1815	45.48	34.26	64.42	54.42		PASS
3	0.2040	41.82	31.69	63.45	53.45		PASS
4	2.1163	32.87	20.05	56.00	46.00		PASS
5	3.8400	27.09	18.17	56.00	46.00		PASS
6	14.6395	27.07	20.90	60.00	50.00		PASS



(N Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1500	49.80	35.25	66.00	56.00	Neutral	PASS
2	0.1815	44.86	31.33	64.42	54.42		PASS
3	0.2130	39.76	28.40	63.09	53.09		PASS
4	0.2805	31.74	25.26	60.80	50.80		PASS
5	0.7440	30.75	24.51	56.00	46.00		PASS
6	2.1976	31.13	19.56	56.00	46.00		PASS



A.9. Restricted Frequency Bands

The lowest and highest channels are tested to verify the Restricted Frequency Bands.

The measurement results are obtained as below:

$$E \text{ [dB}\mu\text{V/m]} = U_R + A_T + A_{\text{Factor}} \text{ [dB]}; A_T = L_{\text{Cable loss}} \text{ [dB]} - G_{\text{preamp}} \text{ [dB]}$$

A_T : Total correction Factor except Antenna

U_R : Receiver Reading

G_{preamp} : Preamplifier Gain

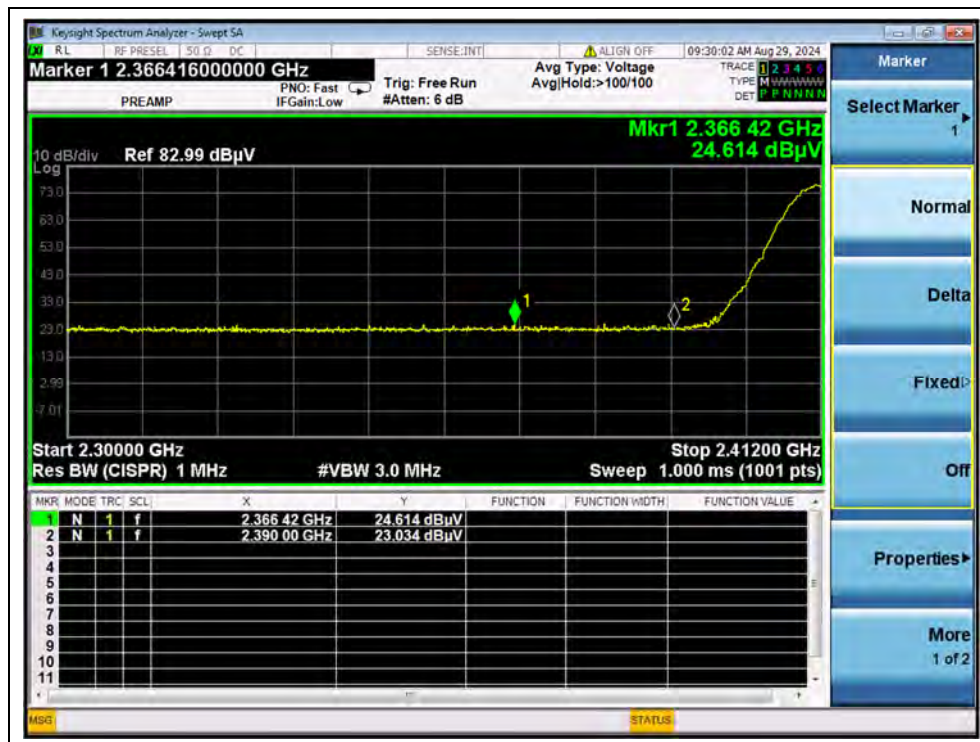
A_{Factor} : Antenna Factor at 3m

Note 1: Restricted Frequency Bands were performed when antenna was at vertical and horizontal polarity, and only the worse test condition (vertical) was recorded in this test report.

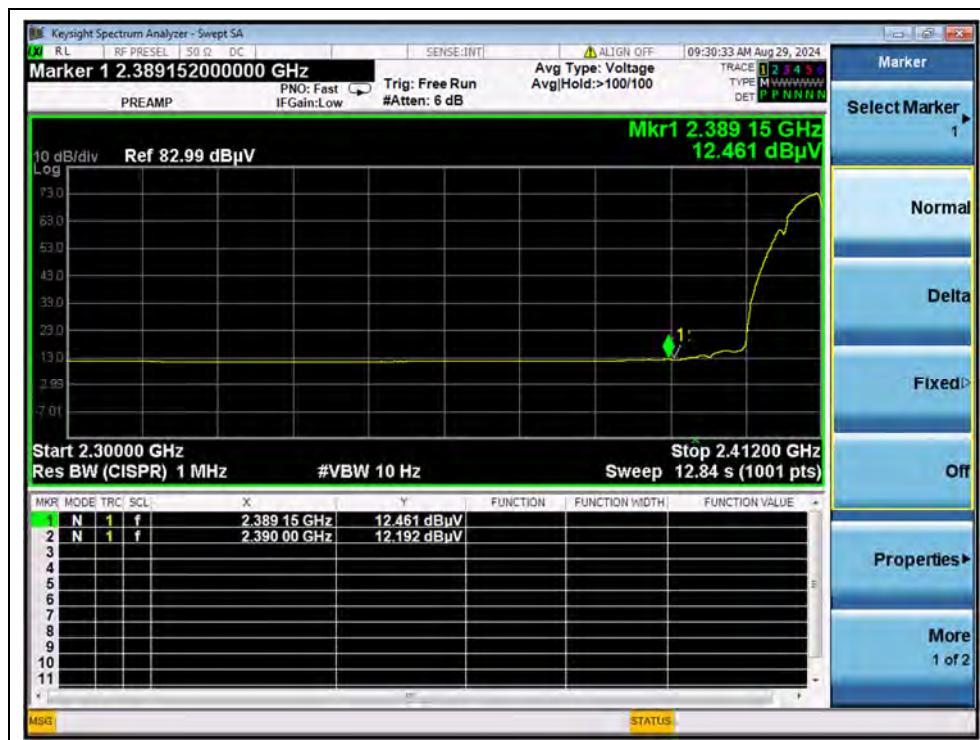
Note 2 All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

802.11b Mode

Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
1	2366.42	PK	24.61	6.74	27.20	58.55	74	PASS
1	2389.15	AV	12.46	6.74	27.20	46.40	54	PASS
13	2483.77	PK	33.07	6.74	27.20	67.01	74	PASS
13	2485.64	AV	15.81	6.74	27.20	49.75	54	PASS



(PEAK, Channel 1, 802.11b)



(AVERAGE, Channel 1, 802.11b)