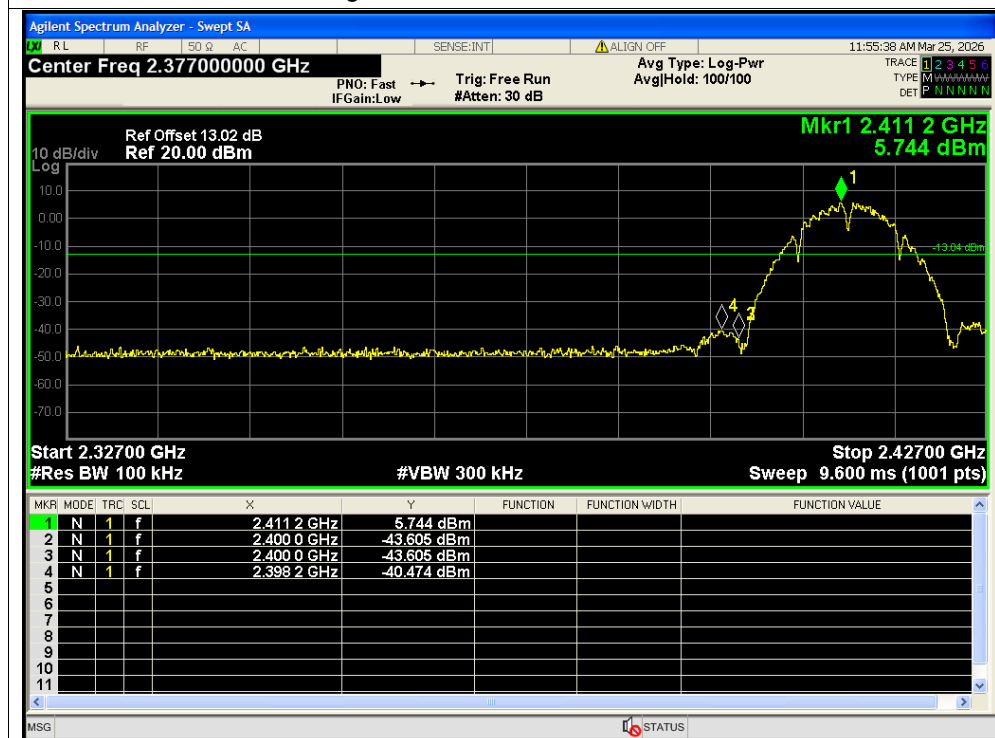
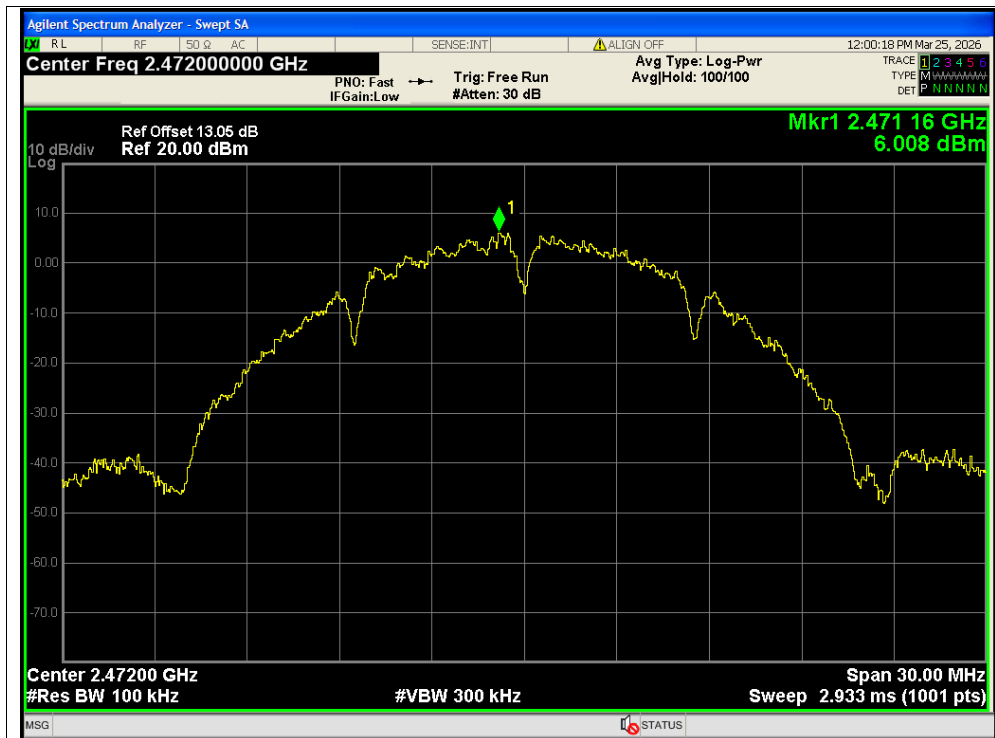




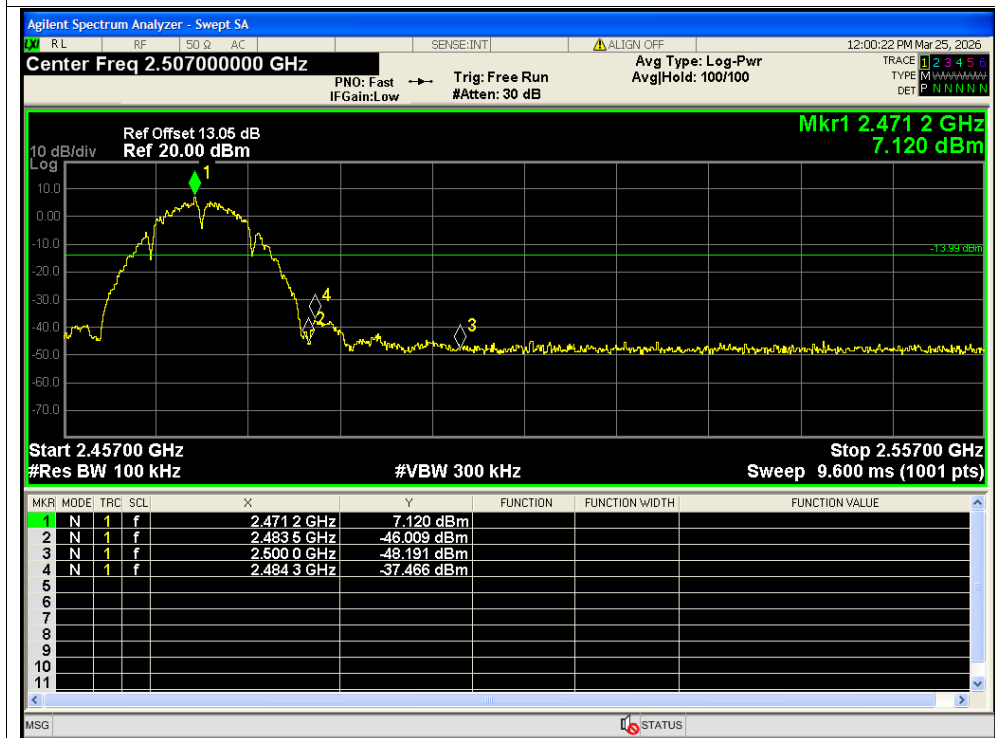
Band Edge NVNT b 2412MHz Ant2 Ref SISO



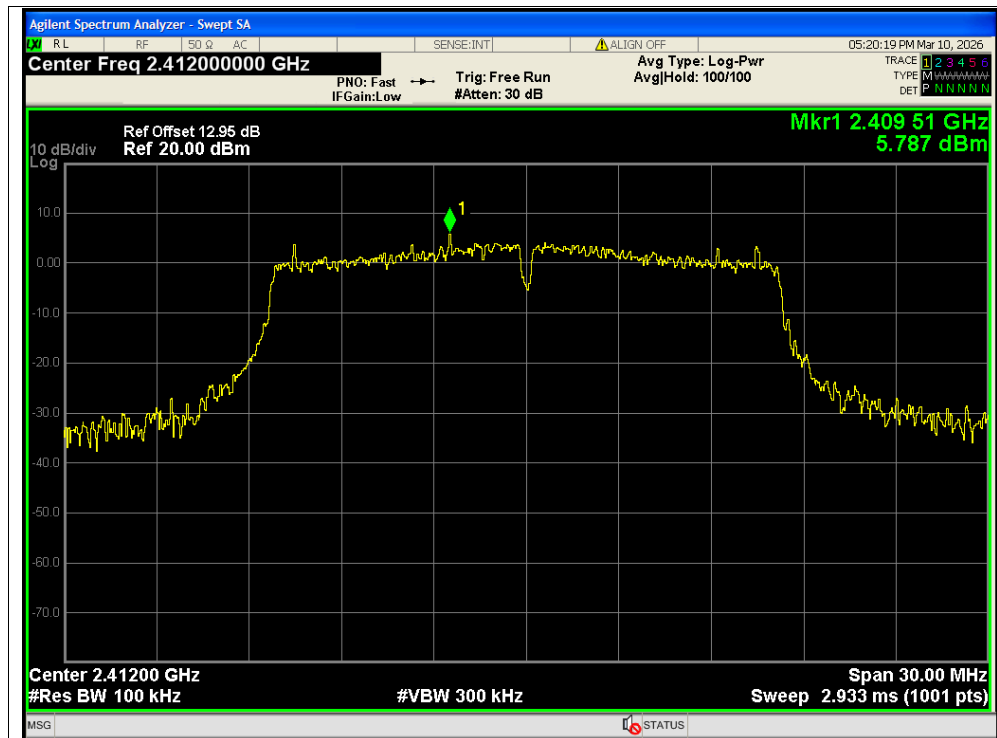
Band Edge NVNT b 2412MHz Ant2 Emission SISO



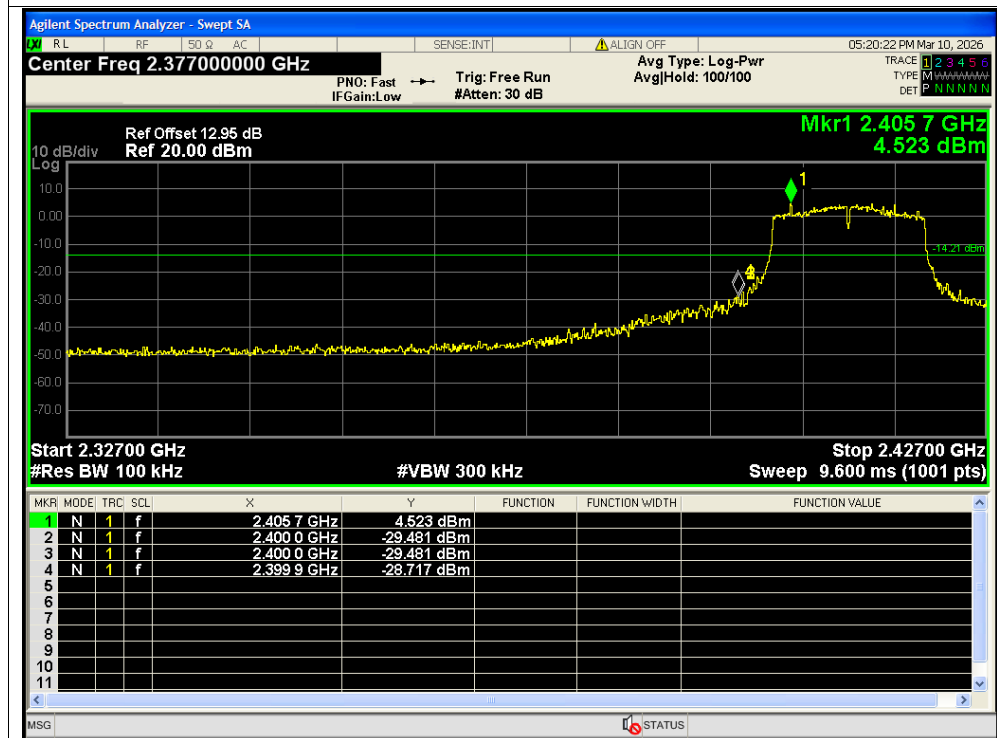
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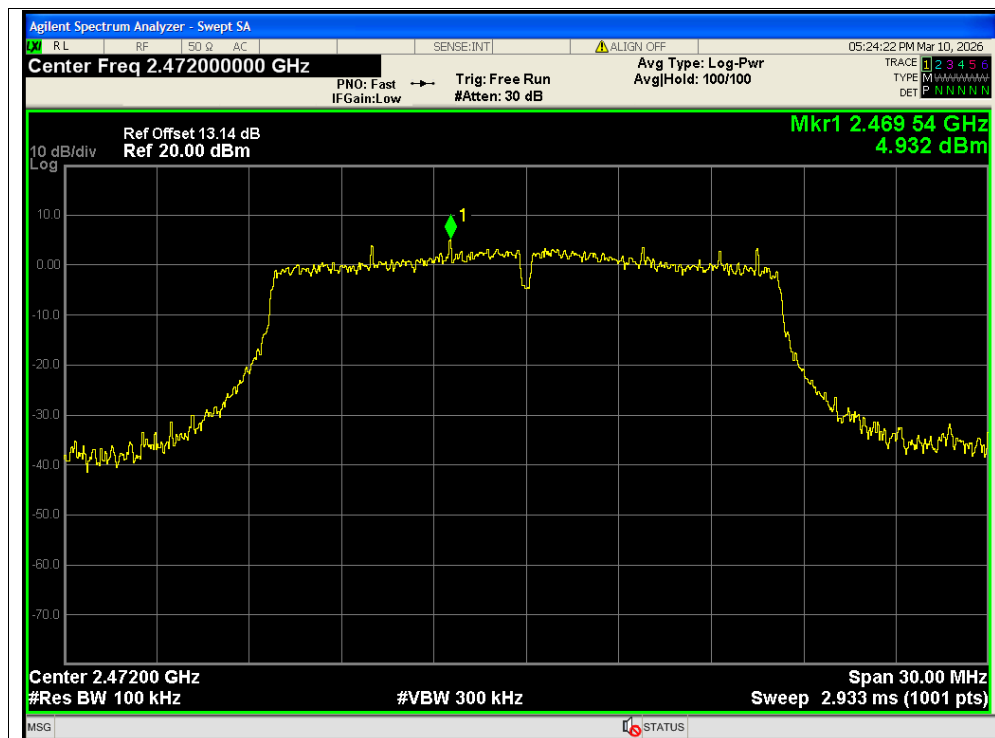
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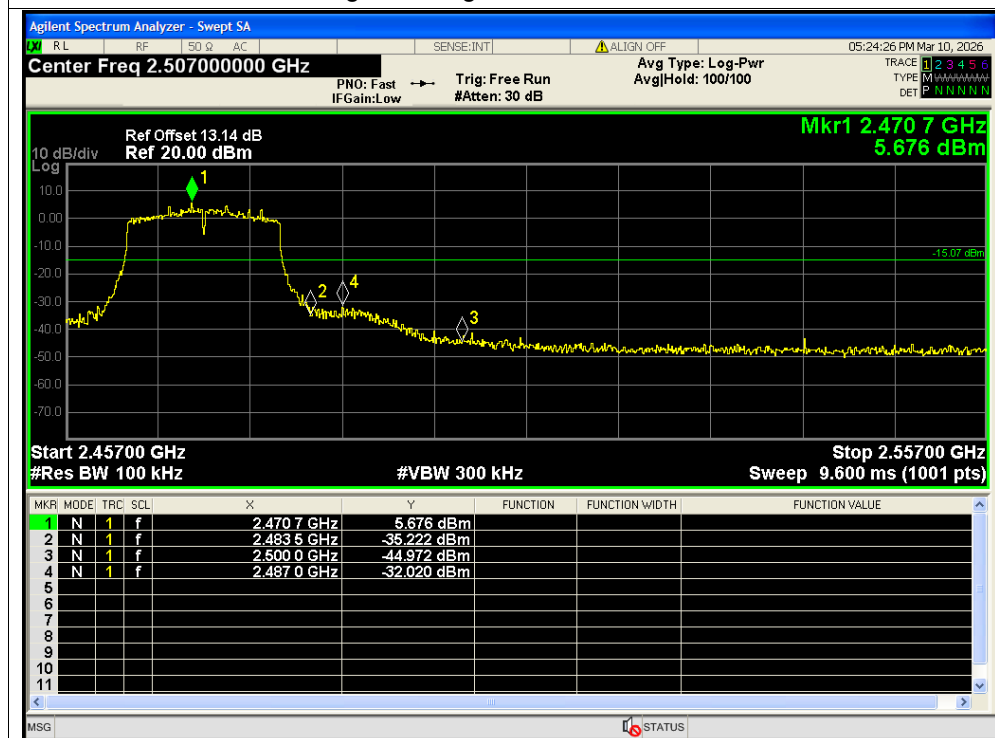
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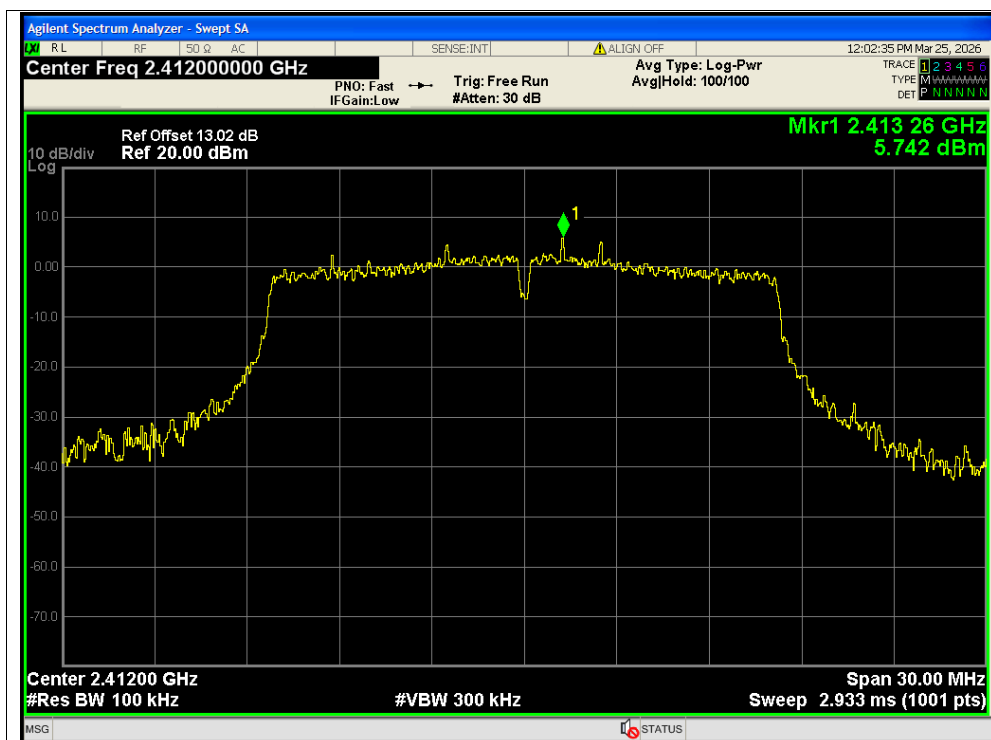
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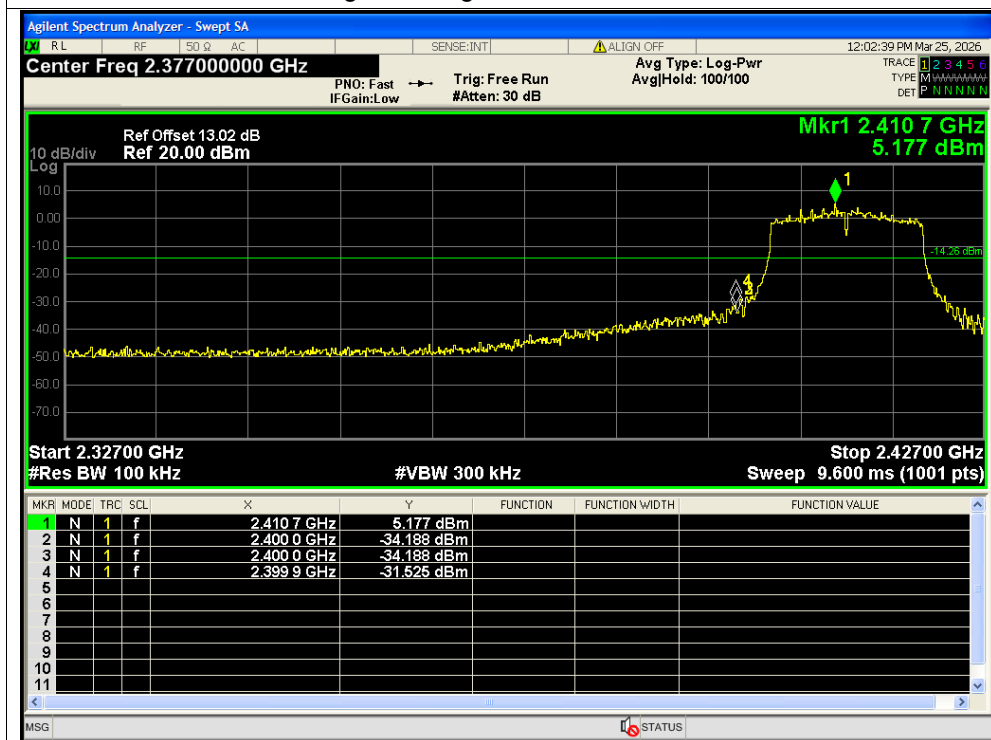
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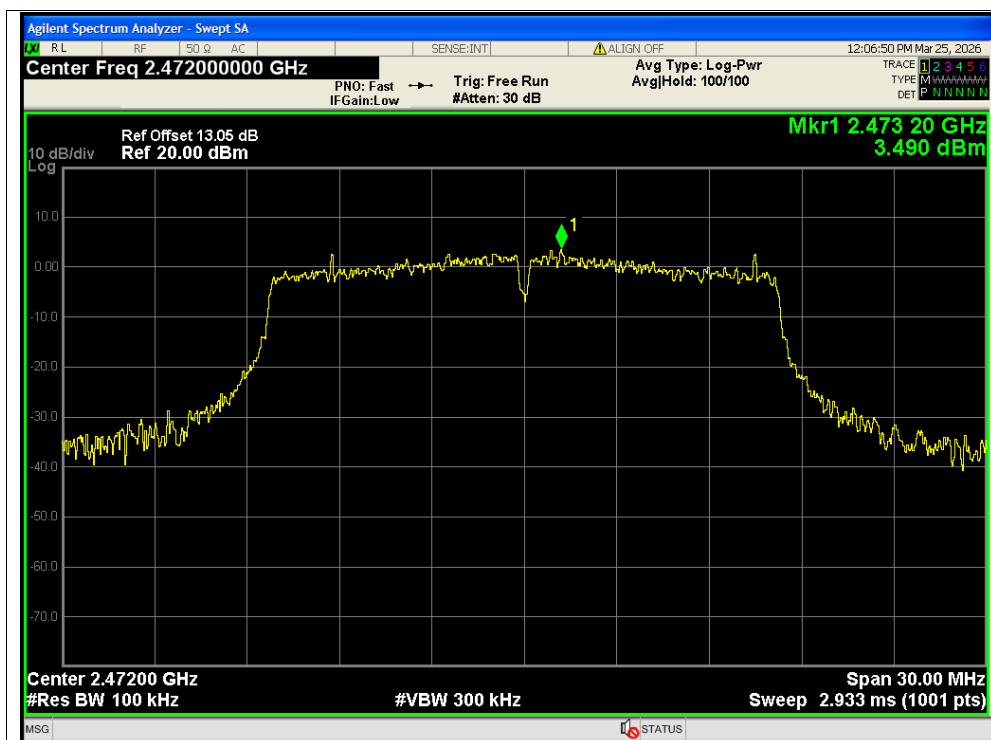
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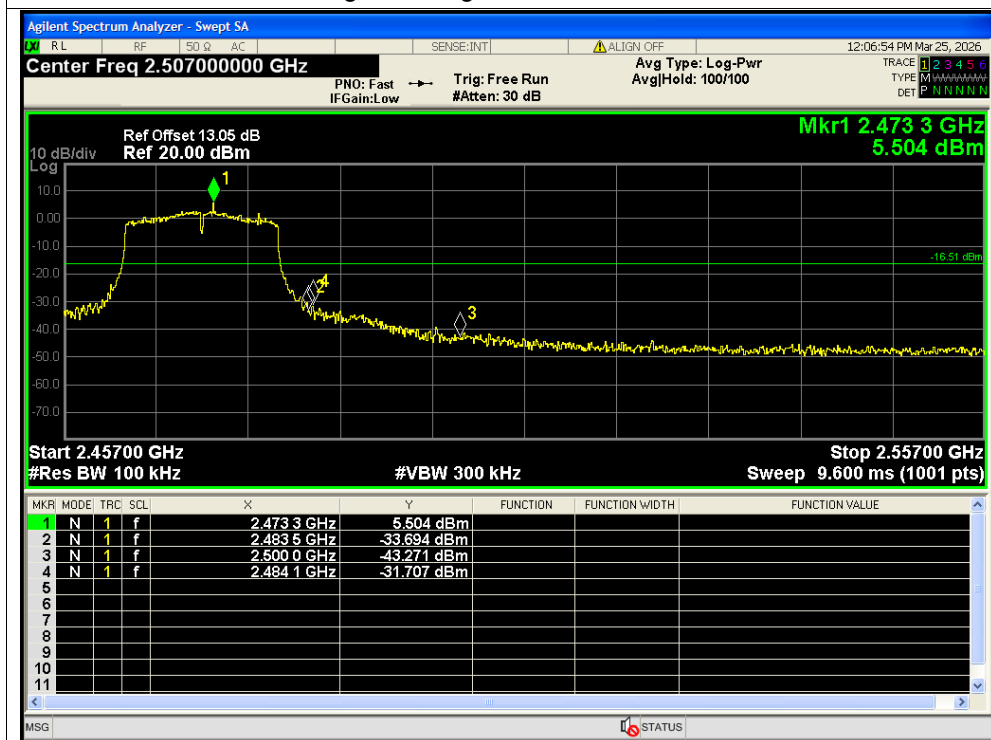
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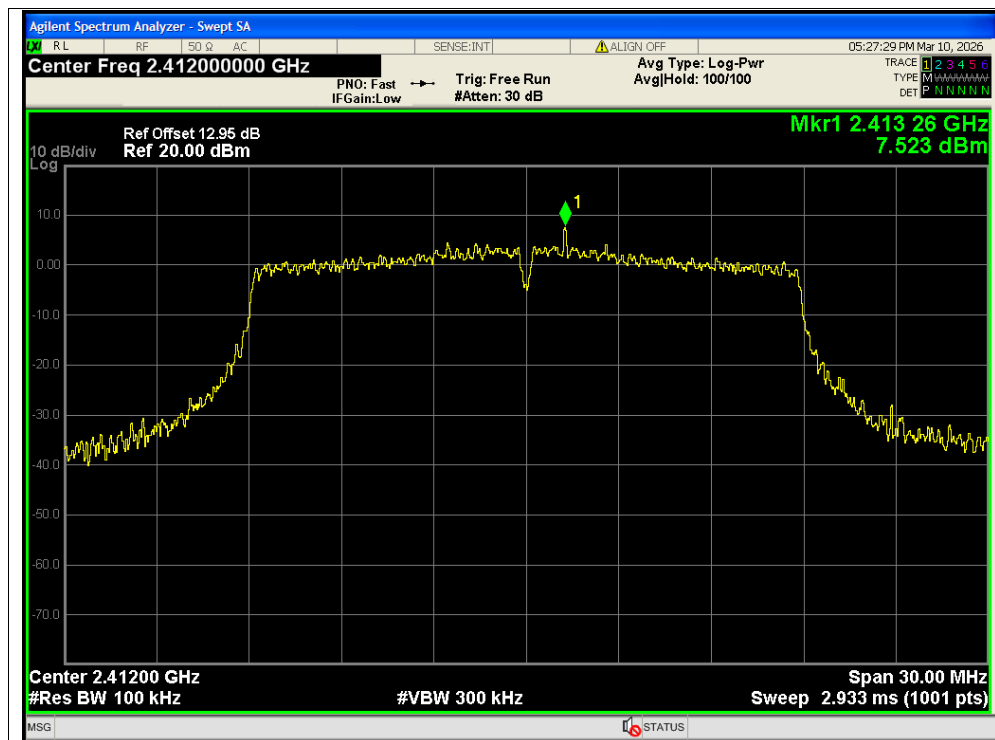
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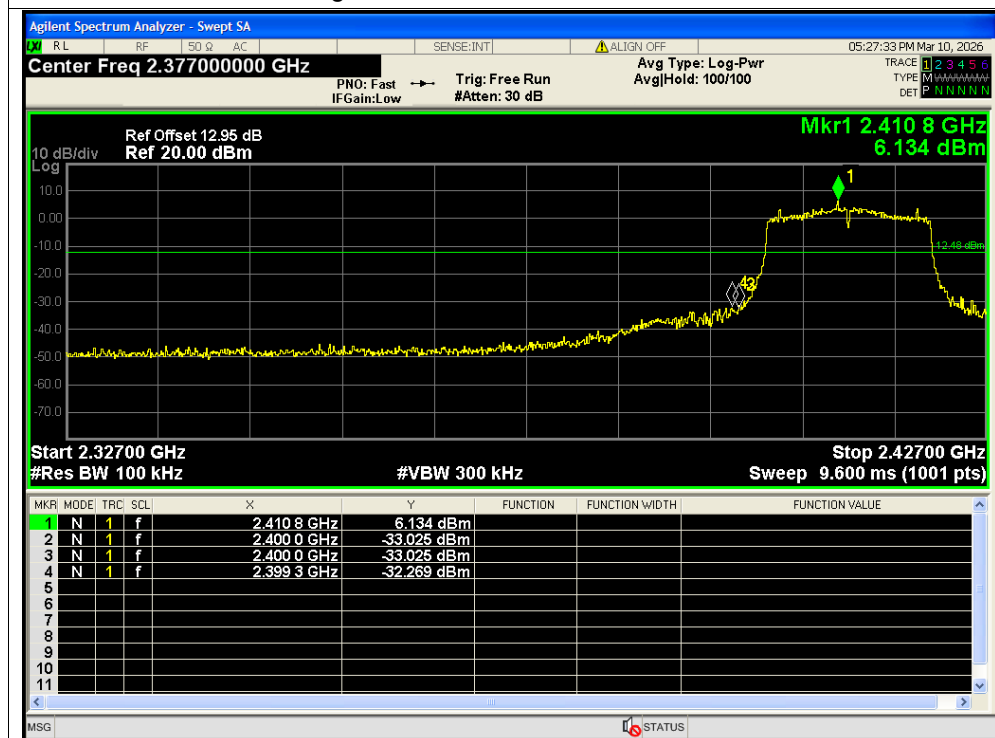
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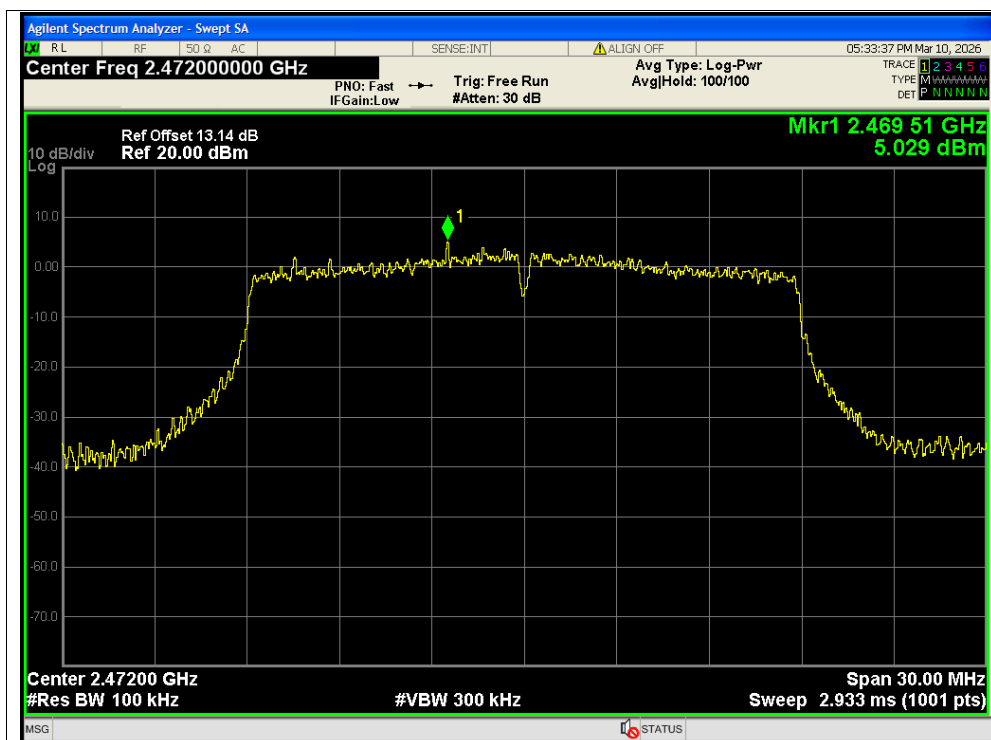
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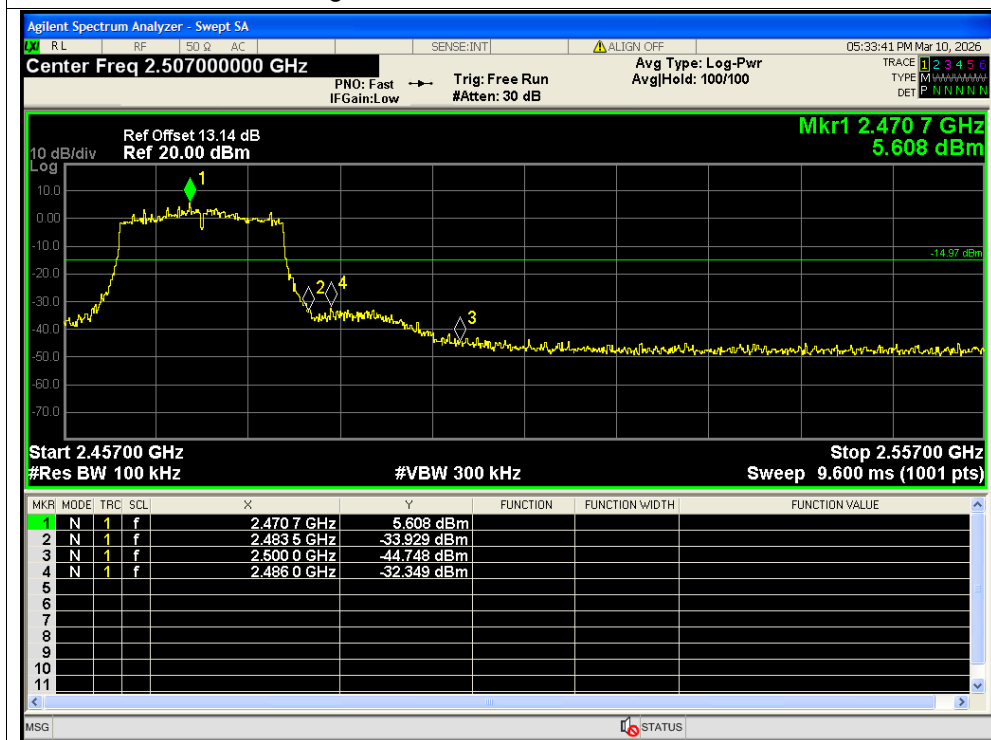
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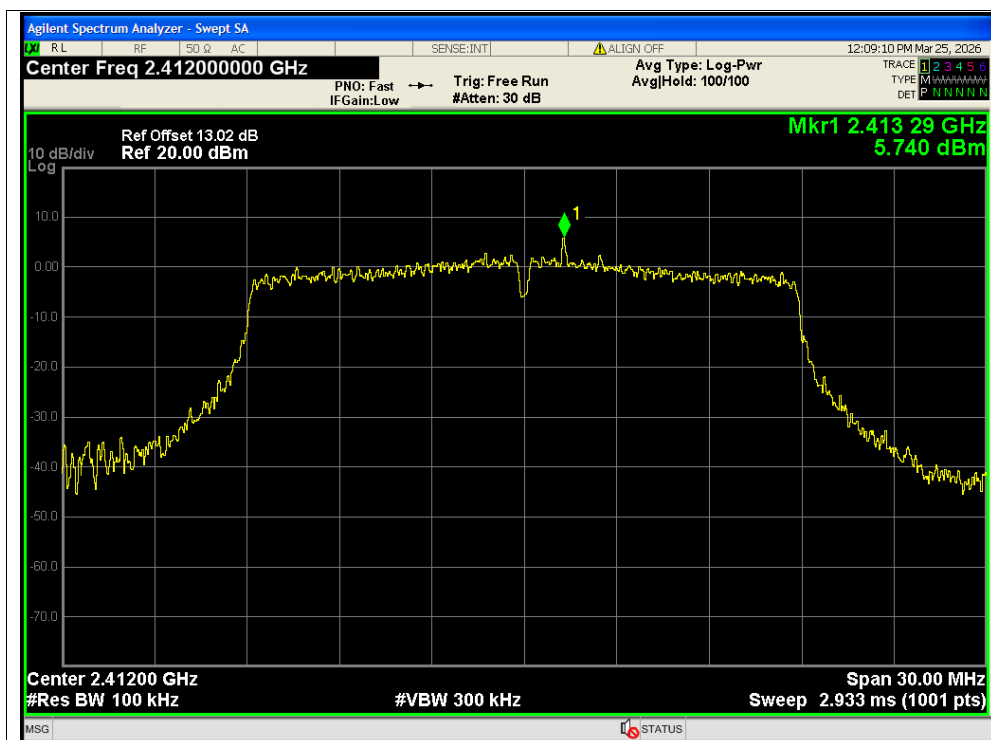
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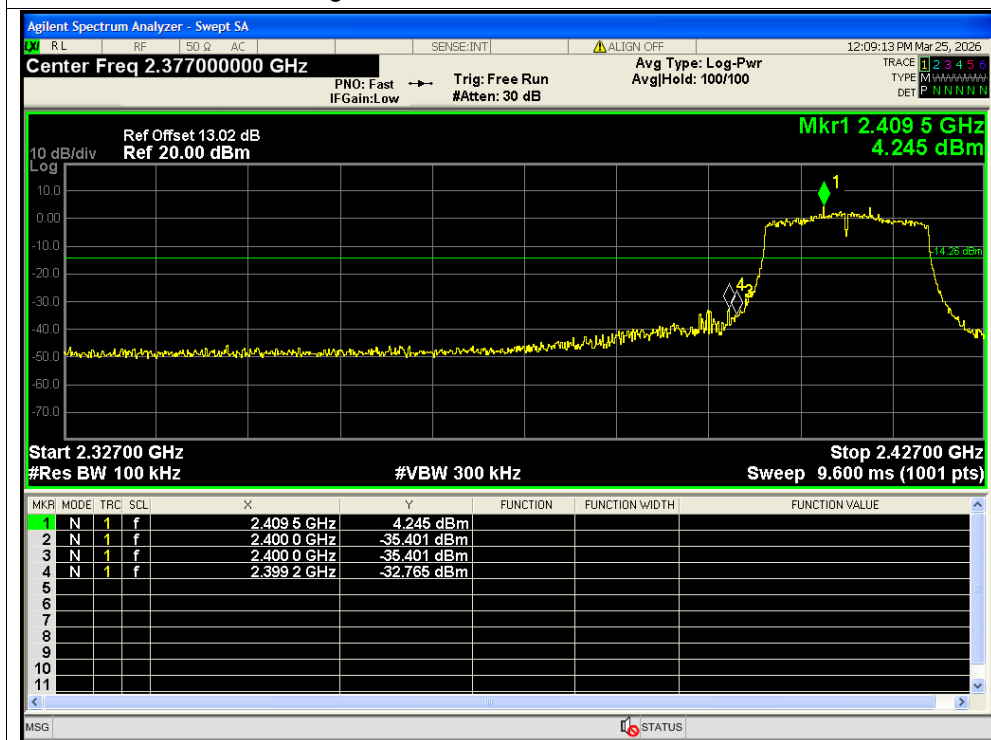
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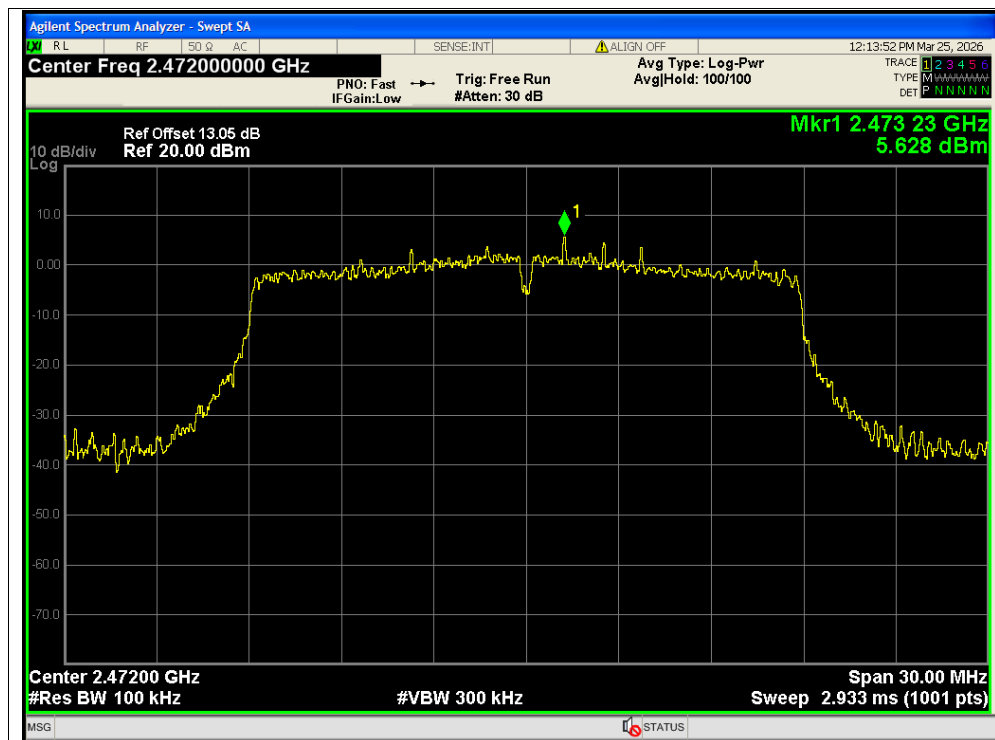
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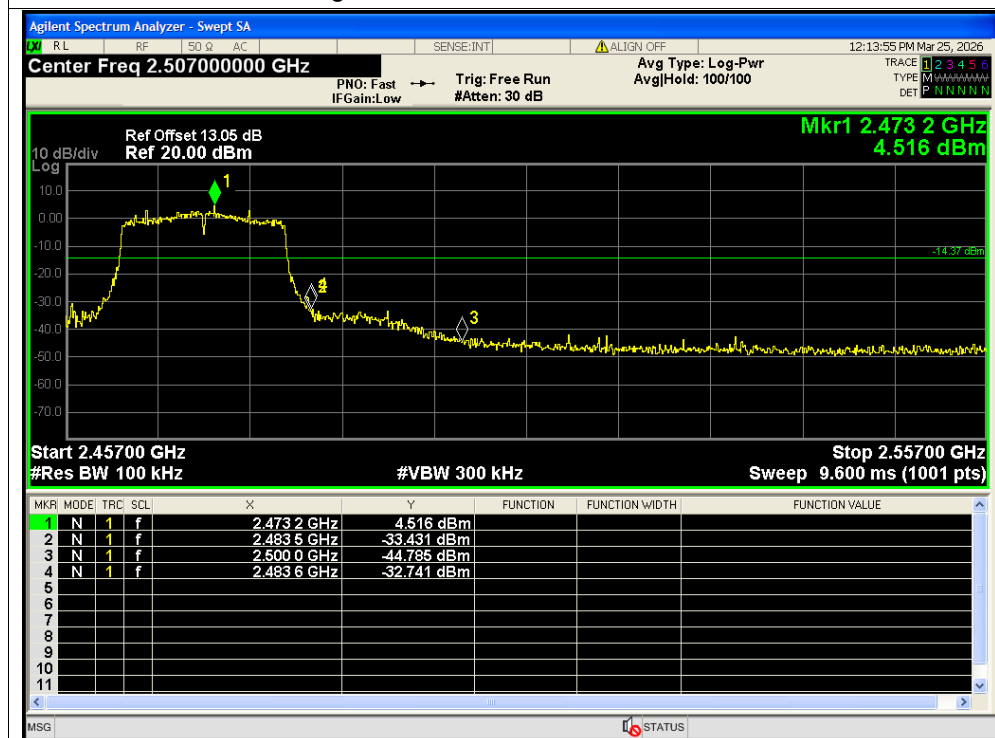
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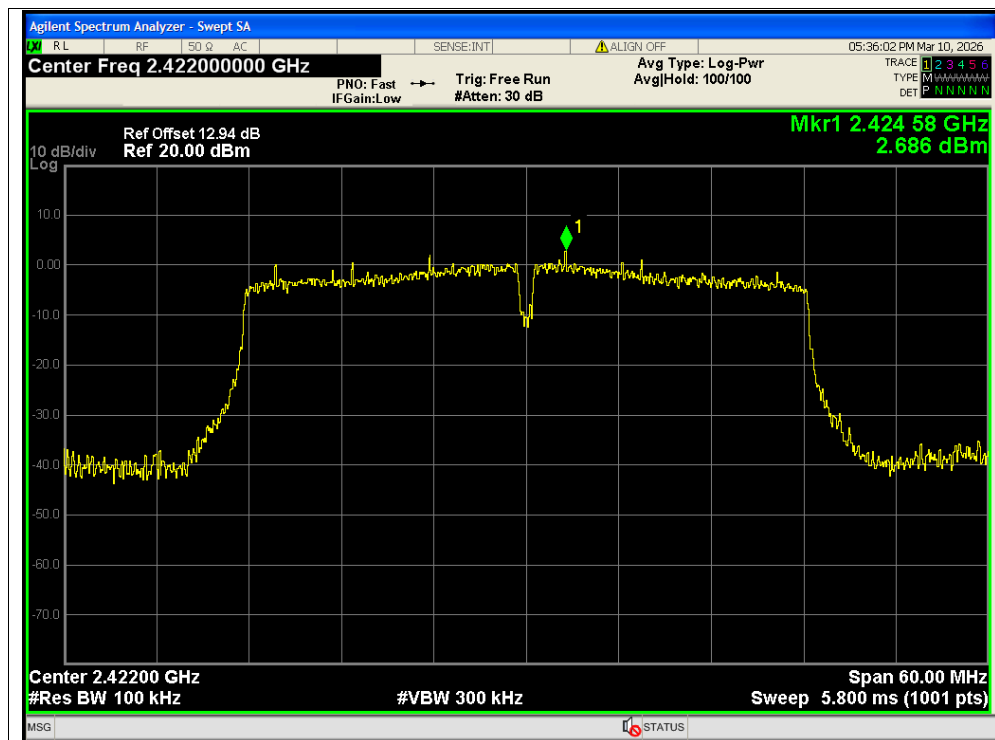
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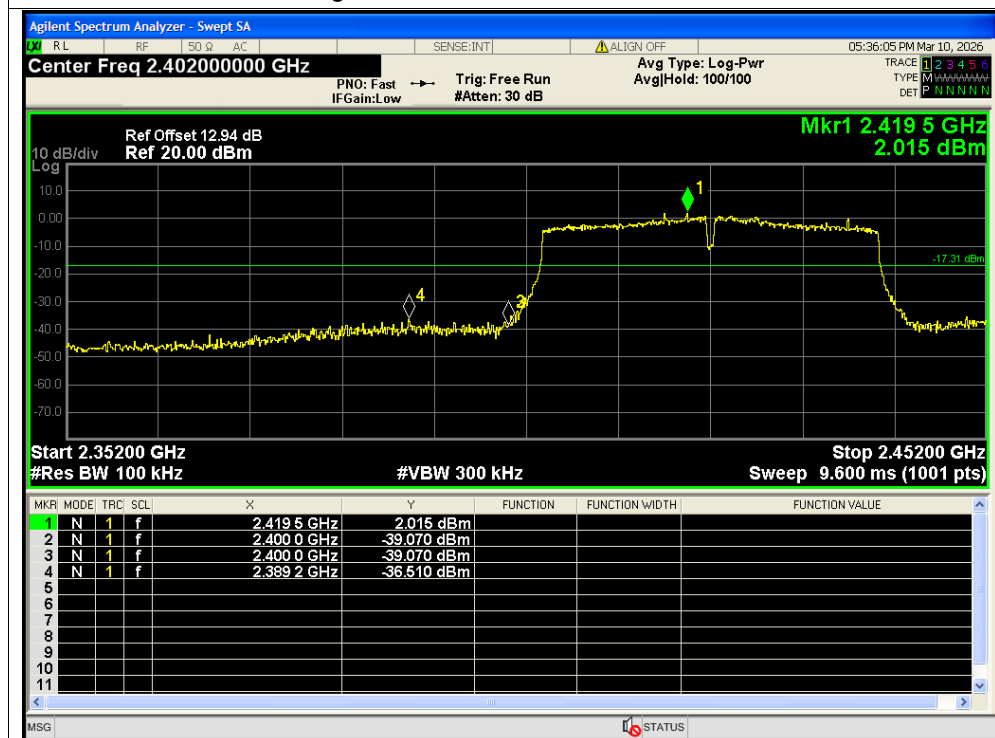
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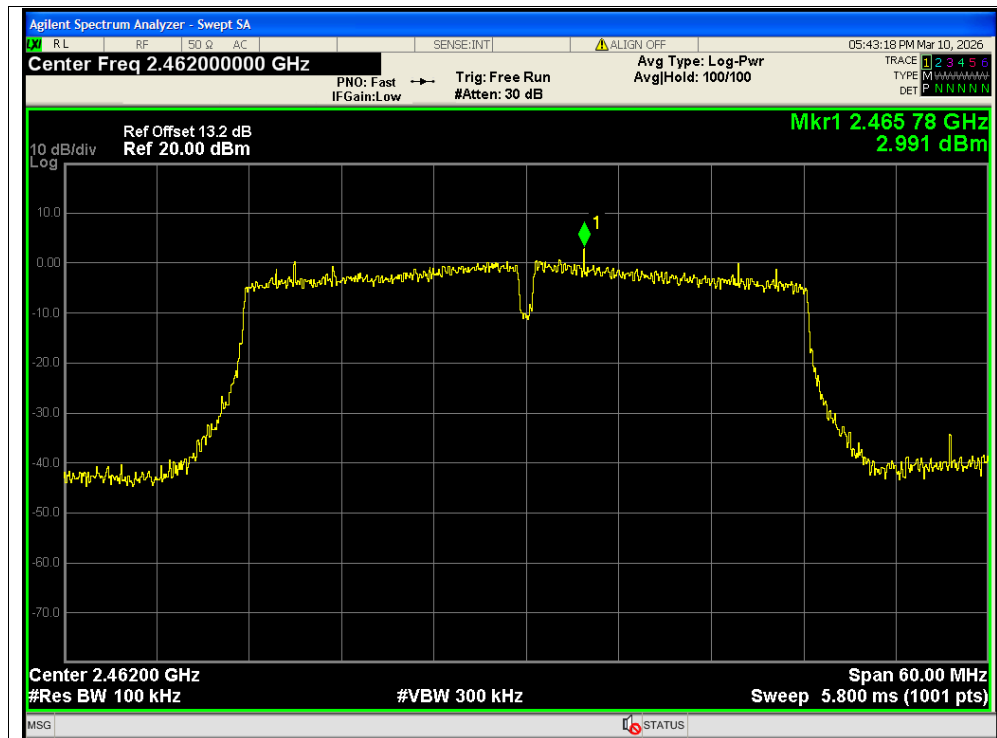
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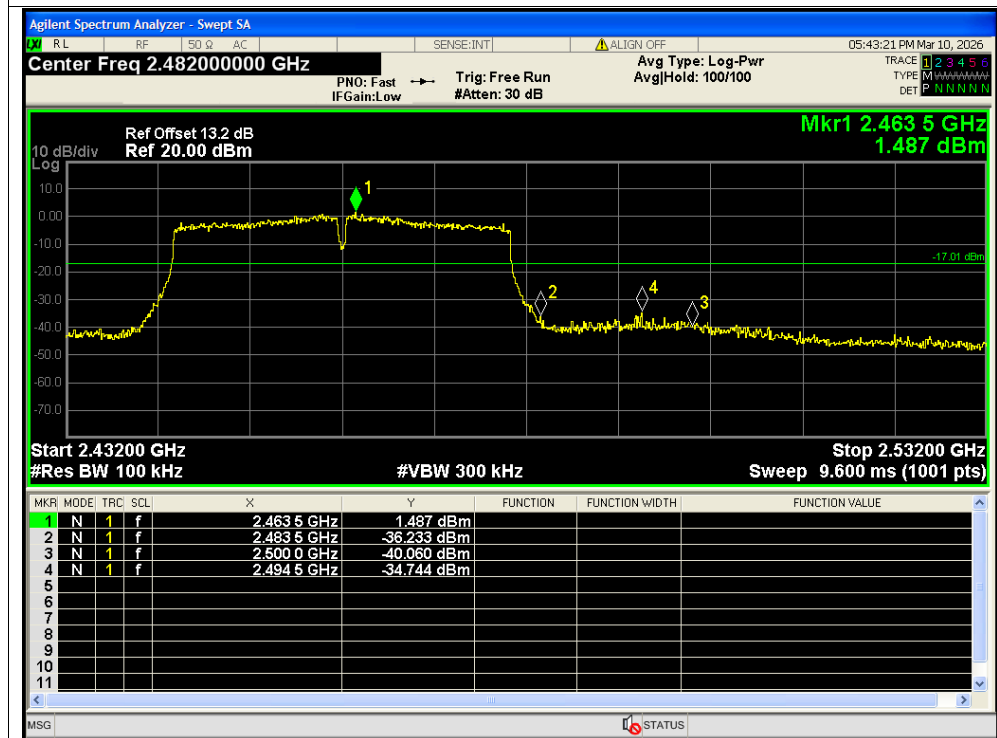
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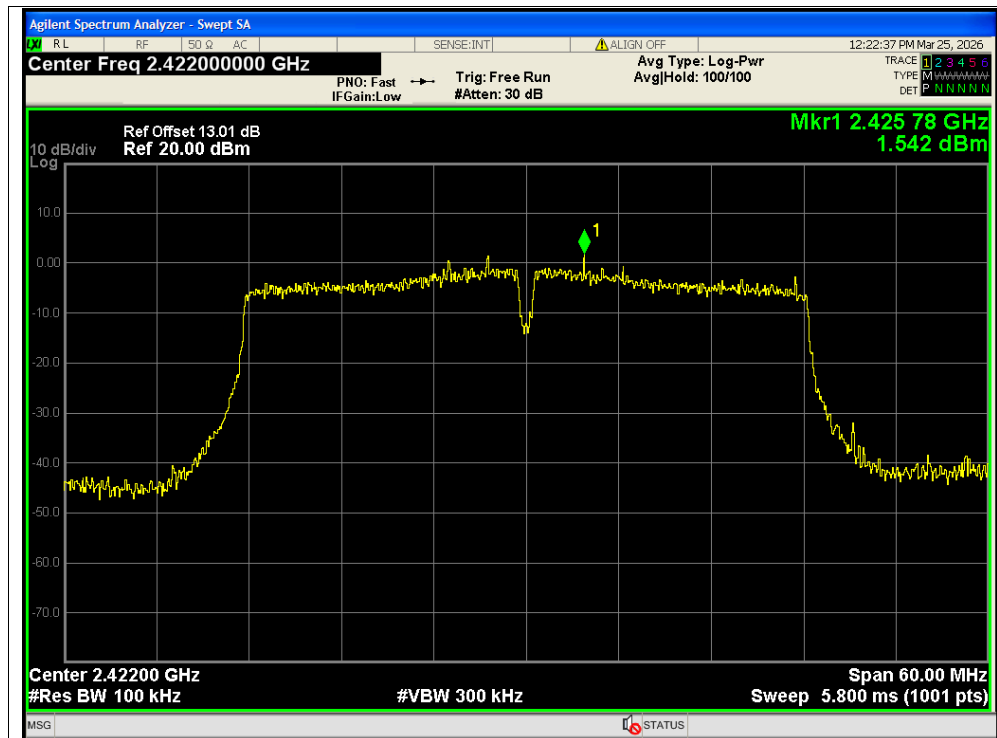
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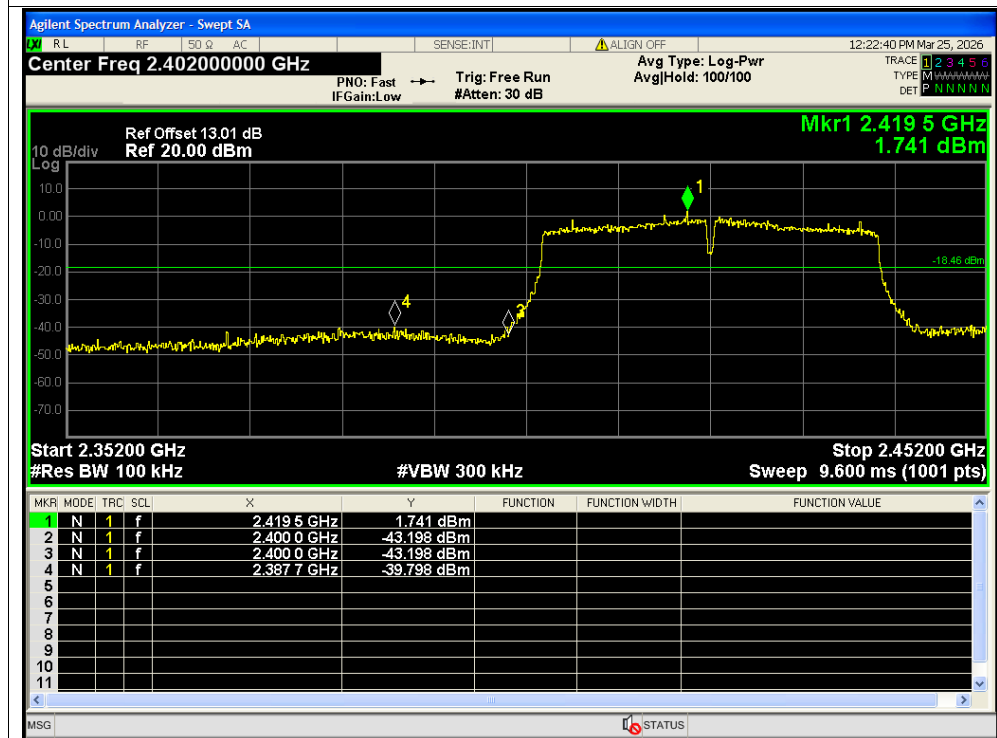
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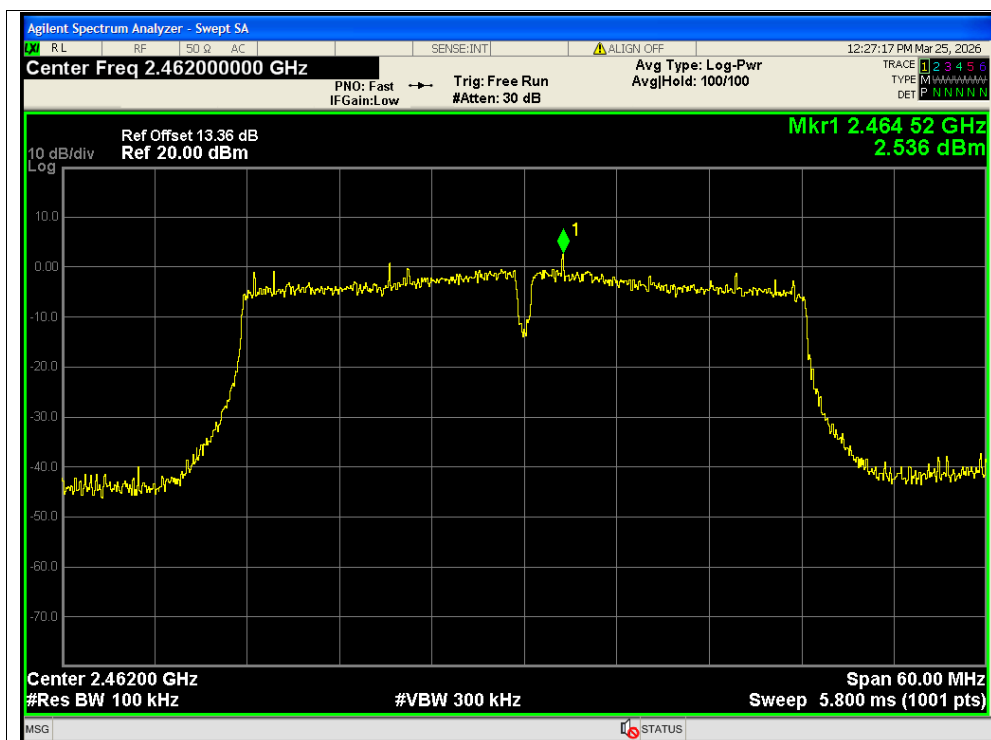
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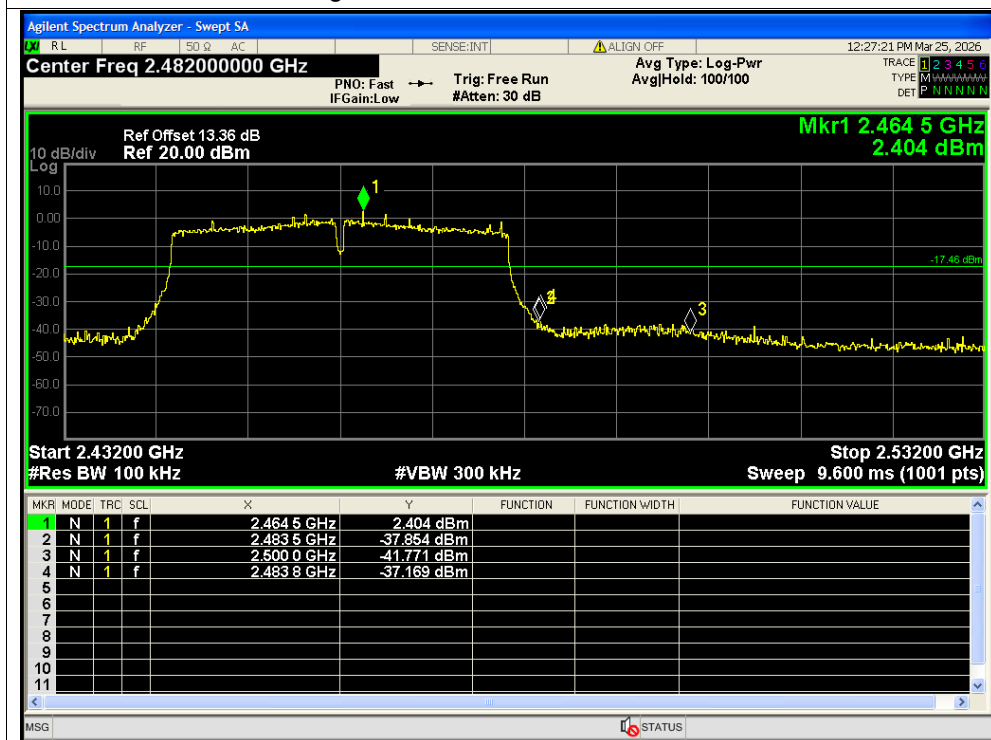
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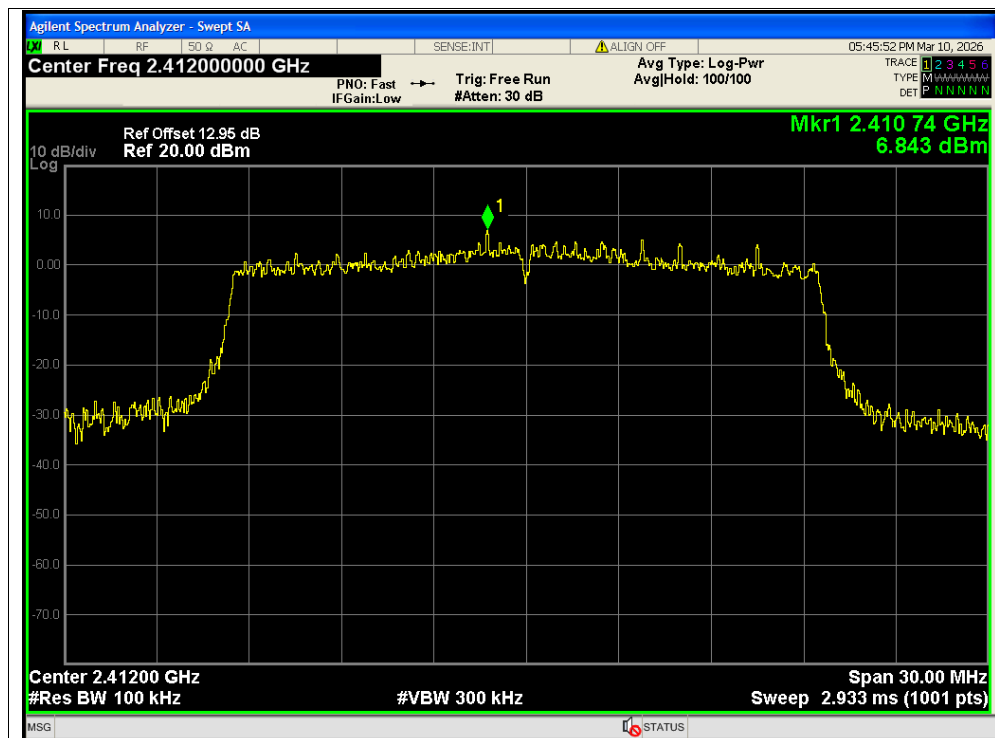
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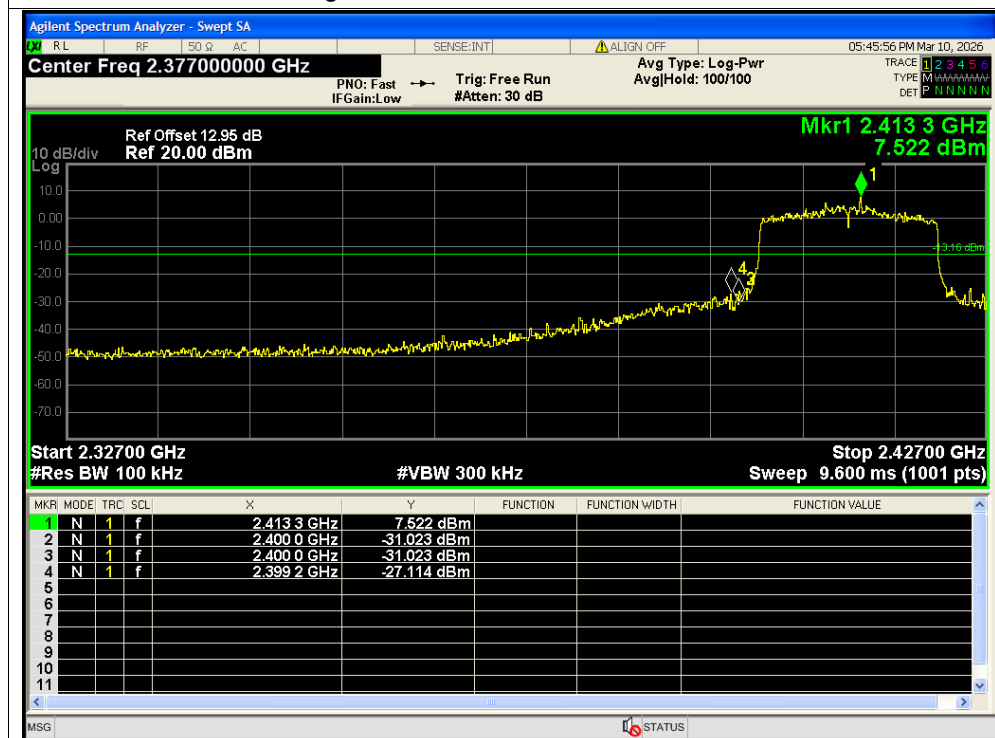
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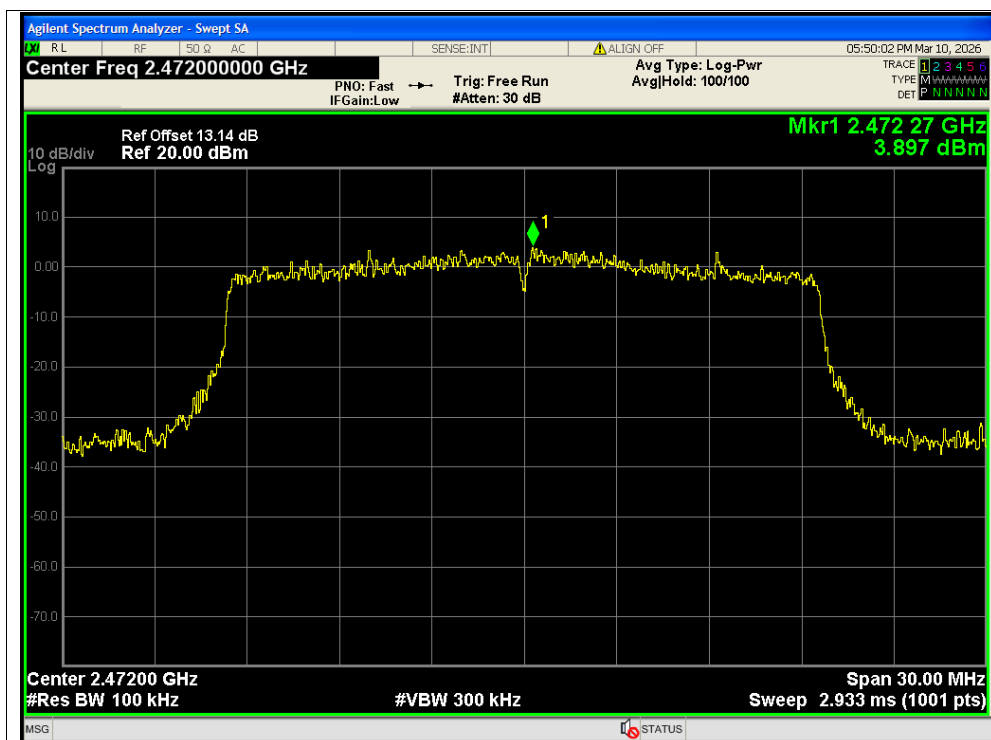
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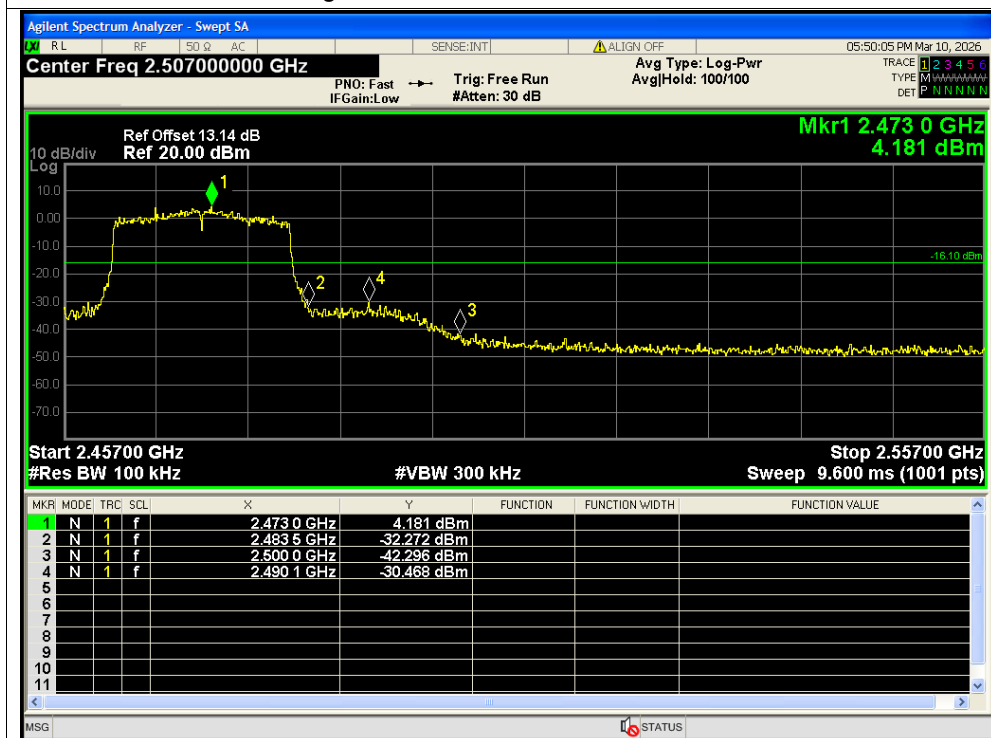
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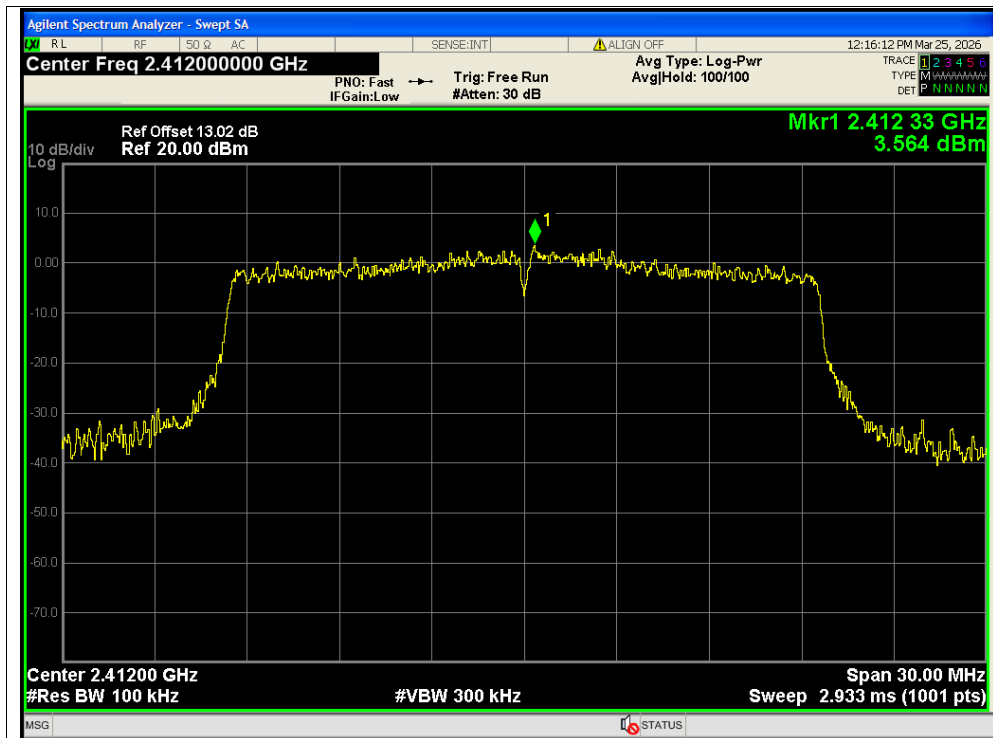
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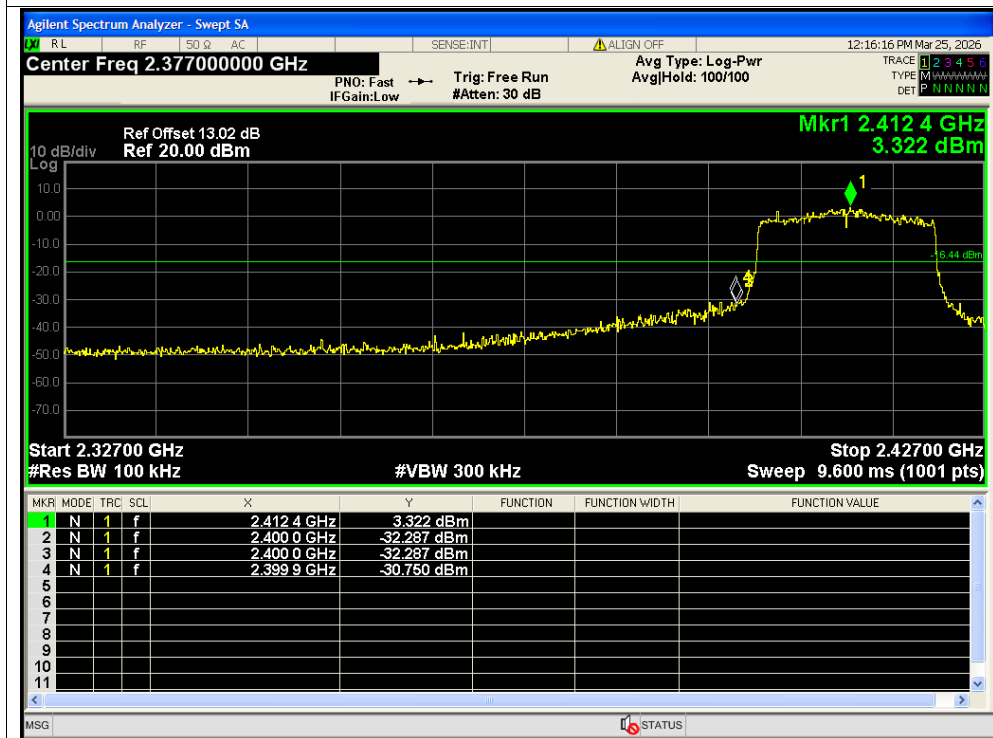
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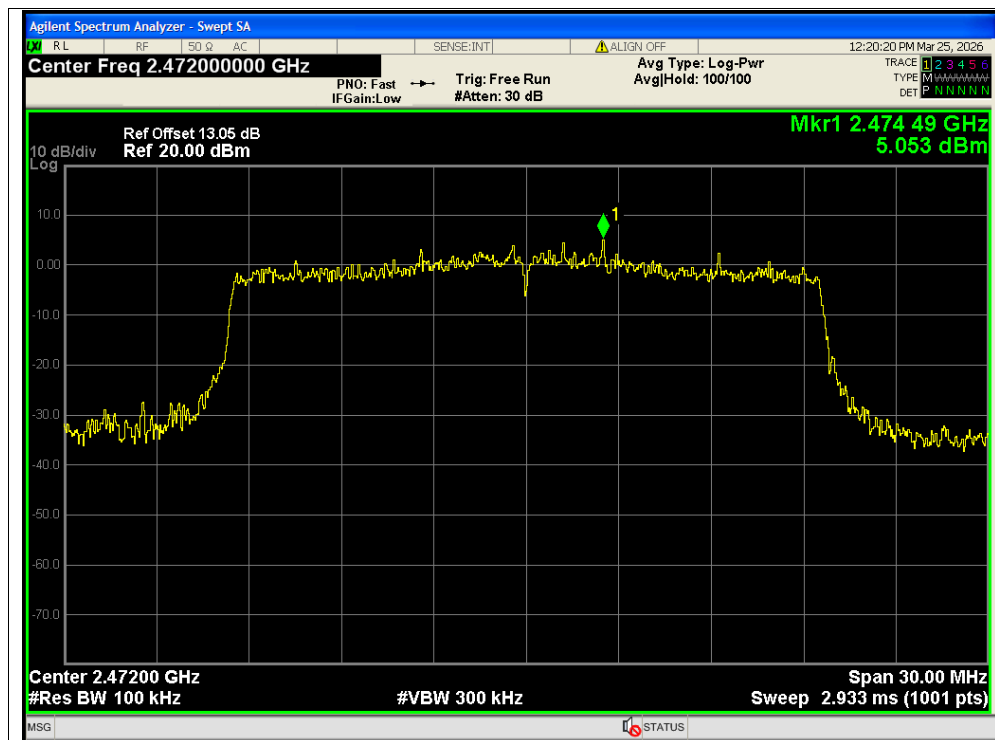
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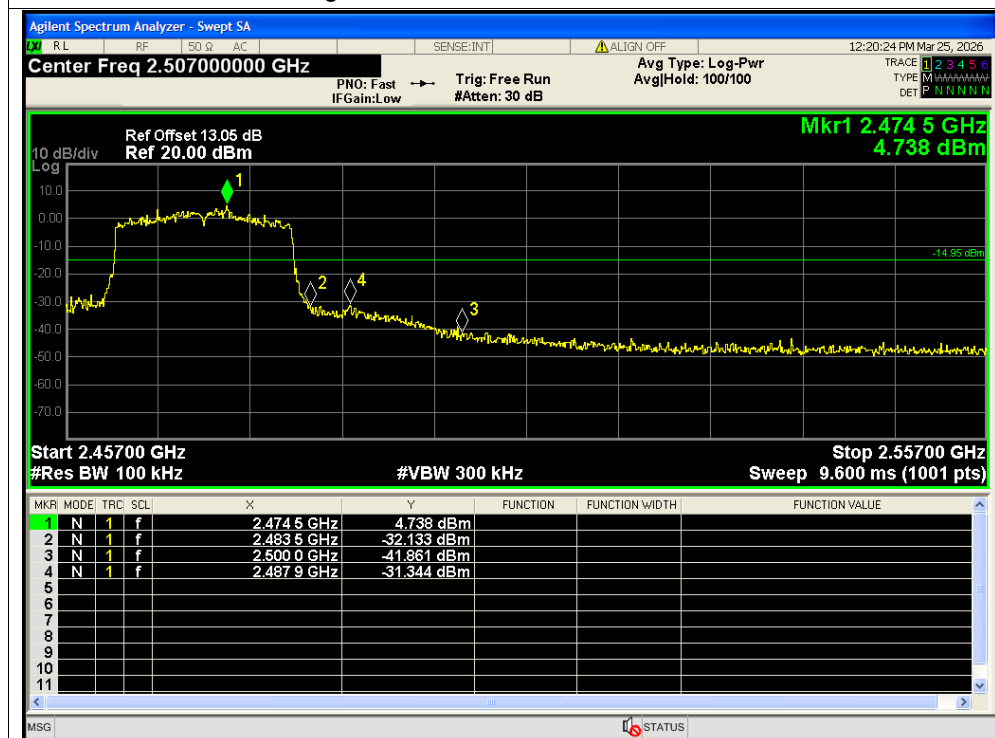
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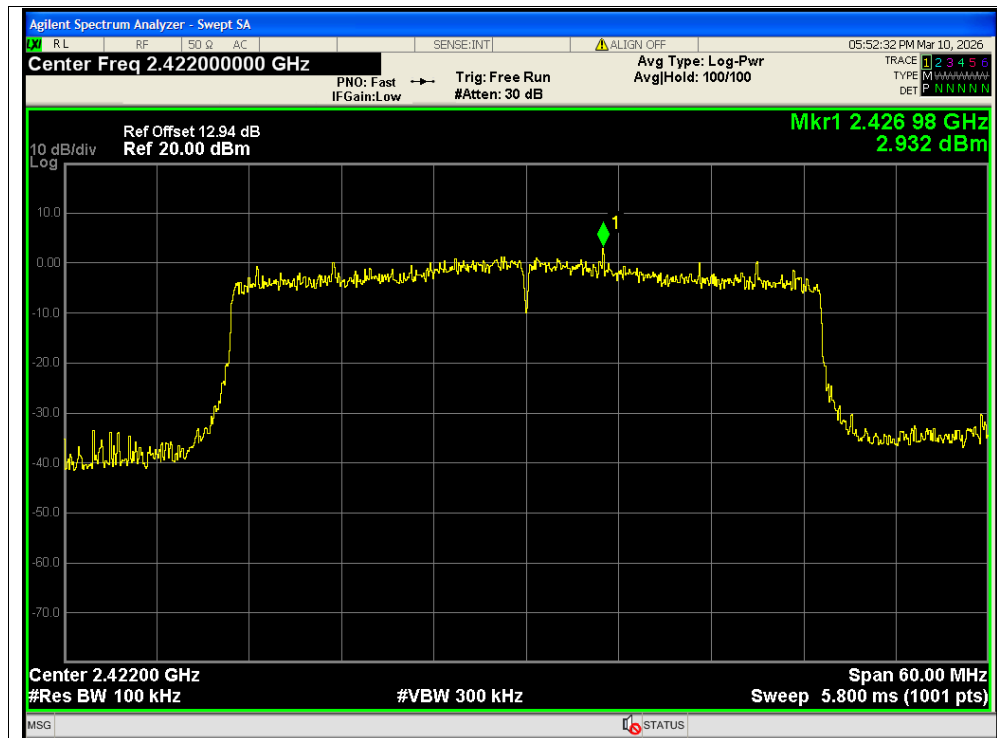
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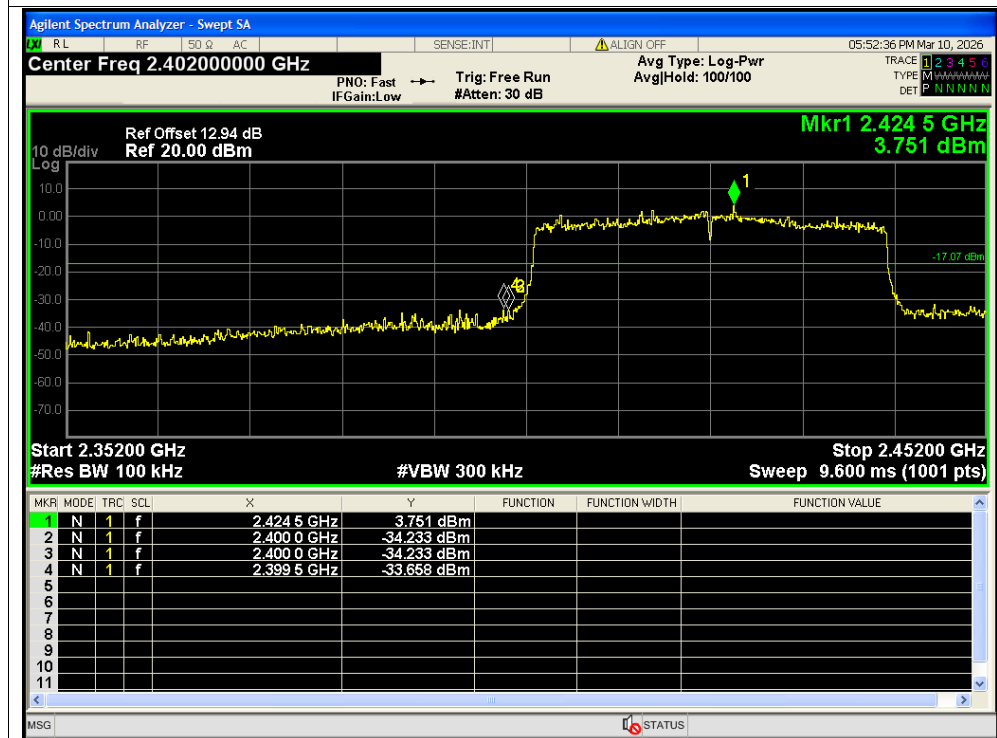
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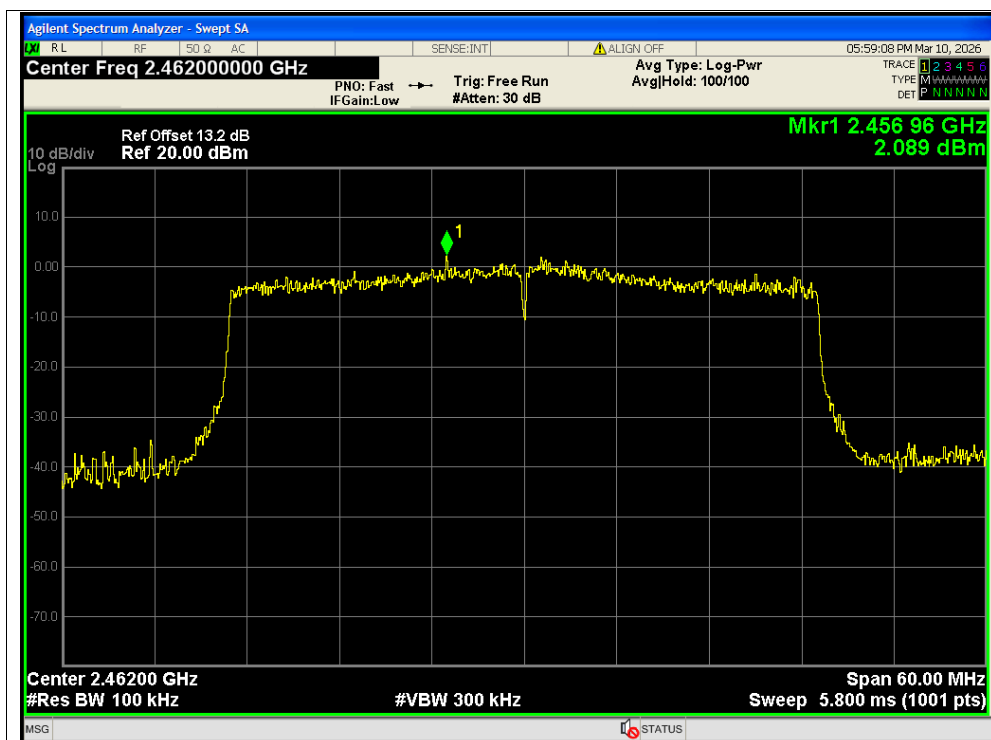
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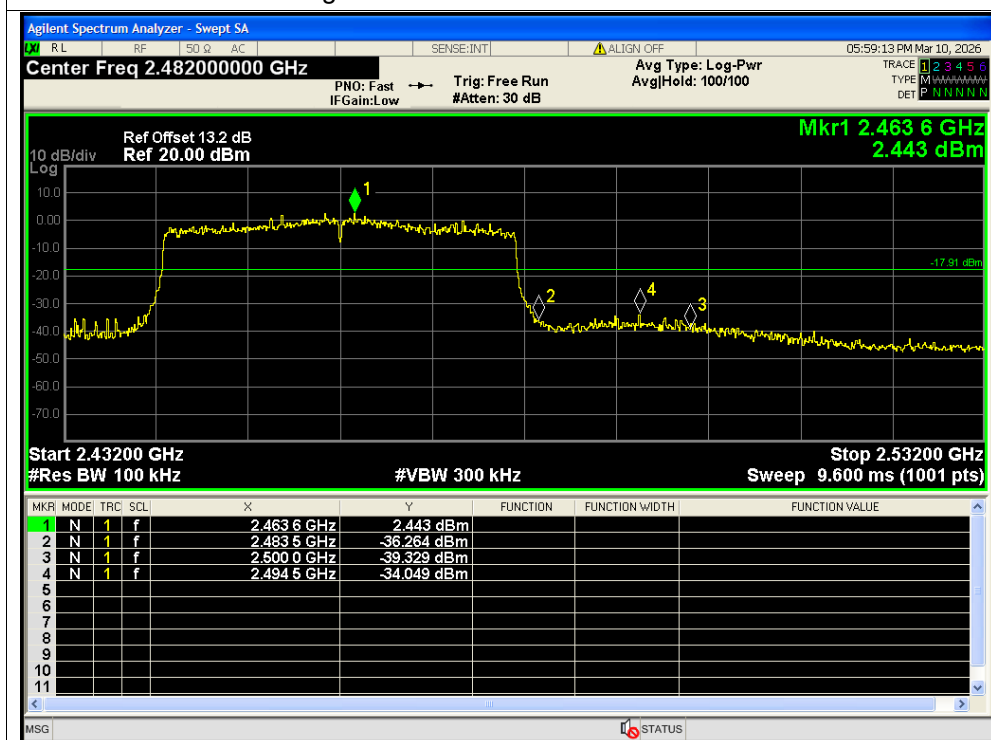
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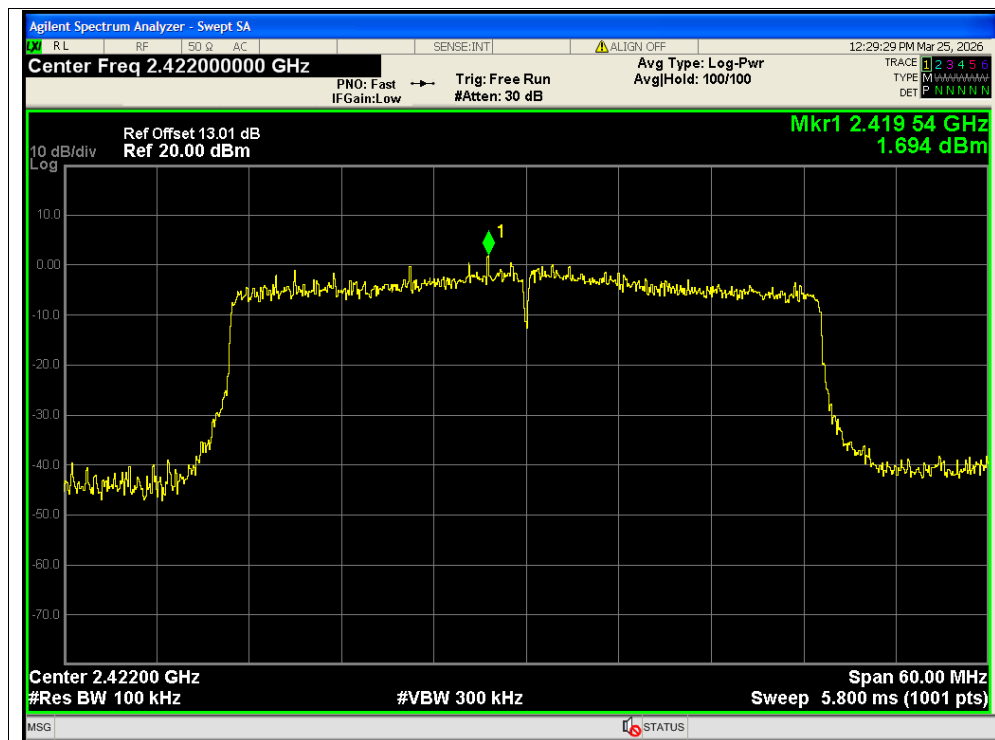
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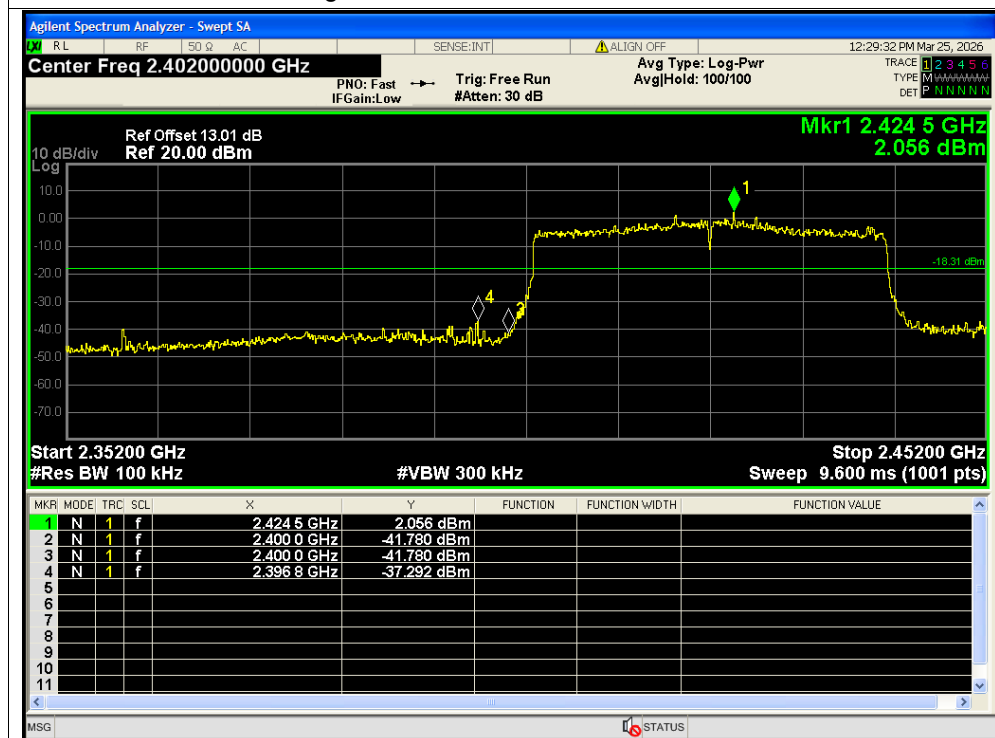
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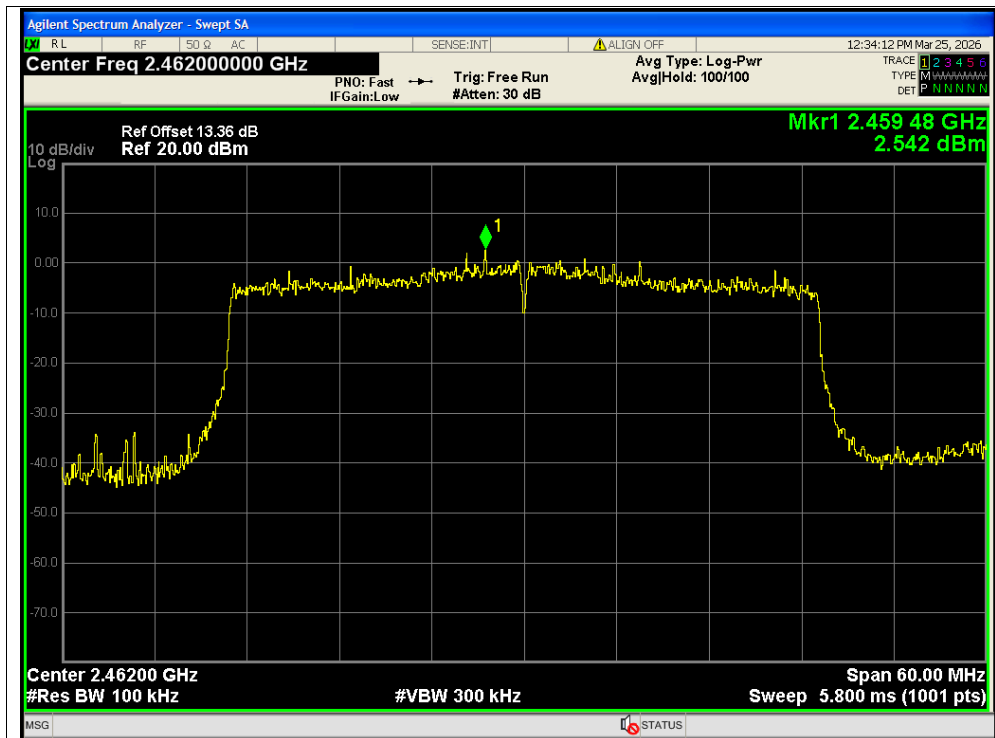
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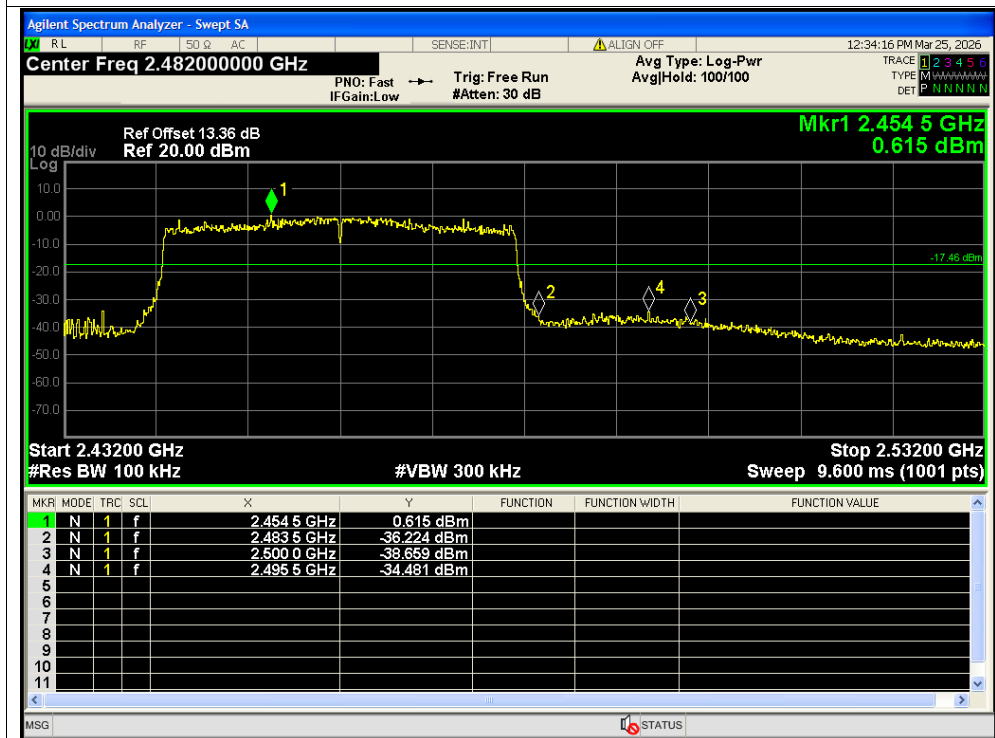
Band Edge NVNT ax40 2422MHz Ant2 Ref SISO



Band Edge NVNT ax40 2422MHz Ant2 Emission SISO



Band Edge NVNT ax40 2462MHz Ant2 Ref SISO



Band Edge NVNT ax40 2462MHz Ant2 Emission SISO

**A.7. Power Spectral Density**

Condition	Mode	Freq. (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b SISO	2412	Ant1	-8.09	0	-8.09	8	Pass
NVNT	b SISO	2442	Ant1	-6.69	0	-6.69	8	Pass
NVNT	b SISO	2472	Ant1	-7.92	0	-7.92	8	Pass
NVNT	b SISO	2412	Ant2	-8.58	0	-8.58	8	Pass
NVNT	b SISO	2442	Ant2	-9.24	0	-9.24	8	Pass
NVNT	b SISO	2472	Ant2	-7.98	0	-7.98	8	Pass
NVNT	g SISO	2412	Ant1	-7.74	0	-7.74	8	Pass
NVNT	g SISO	2442	Ant1	-7.91	0	-7.91	8	Pass
NVNT	g SISO	2472	Ant1	-8.43	0	-8.43	8	Pass
NVNT	g SISO	2412	Ant2	-9.73	0	-9.73	8	Pass
NVNT	g SISO	2442	Ant2	-9.3	0	-9.3	8	Pass
NVNT	g SISO	2472	Ant2	-9.76	0	-9.76	8	Pass
NVNT	n20 SISO	2412	Ant1	-7.87	0	-7.87	8	Pass
NVNT	n20 SISO	2442	Ant1	-7.95	0	-7.95	8	Pass
NVNT	n20 SISO	2472	Ant1	-8.78	0	-8.78	8	Pass
NVNT	n20 SISO	2412	Ant2	-9.31	0	-9.31	8	Pass
NVNT	n20 SISO	2442	Ant2	-8.94	0	-8.94	8	Pass



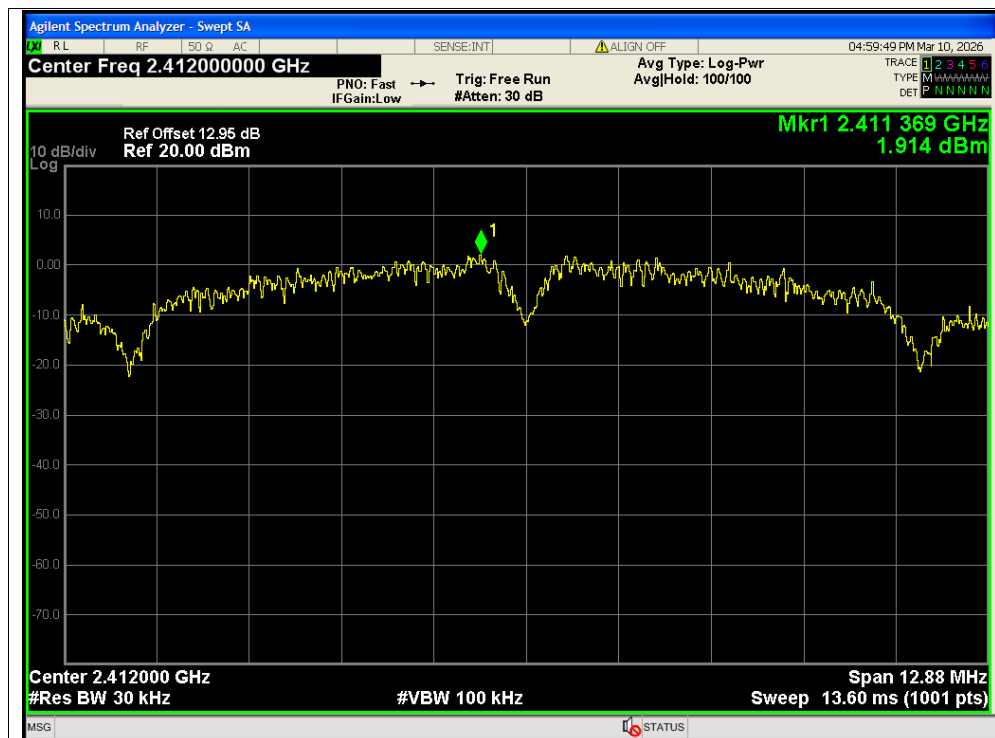
NVNT	n20 SISO	2472	Ant2	-9.37	0	-9.37	8	Pass
NVNT	n20 MIMO	2412	Ant1	-11.24	0	-11.24	8	Pass
NVNT	n20 MIMO	2412	Ant2	-11.91	0	-11.91	8	Pass
NVNT	n20 MIMO	2412	Sum	-8.55	0	-8.55	8	Pass
NVNT	n20 MIMO	2442	Ant1	-11.01	0	-11.01	8	Pass
NVNT	n20 MIMO	2442	Ant2	-11.47	0	-11.47	8	Pass
NVNT	n20 MIMO	2442	Sum	-8.22	0	-8.22	8	Pass
NVNT	n20 MIMO	2472	Ant1	-11.07	0	-11.07	8	Pass
NVNT	n20 MIMO	2472	Ant2	-11.53	0	-11.53	8	Pass
NVNT	n20 MIMO	2472	Sum	-8.28	0	-8.28	8	Pass
NVNT	n40 SISO	2422	Ant1	-11.78	0	-11.78	8	Pass
NVNT	n40 SISO	2442	Ant1	-10.93	0	-10.93	8	Pass
NVNT	n40 SISO	2462	Ant1	-11.36	0	-11.36	8	Pass
NVNT	n40 SISO	2422	Ant2	-12.23	0	-12.23	8	Pass
NVNT	n40 SISO	2442	Ant2	-12.36	0	-12.36	8	Pass
NVNT	n40 SISO	2462	Ant2	-12.31	0	-12.31	8	Pass
NVNT	n40 MIMO	2422	Ant1	-13.57	0	-13.57	8	Pass
NVNT	n40 MIMO	2422	Ant2	-15.01	0	-15.01	8	Pass
NVNT	n40 MIMO	2422	Sum	-11.22	0	-11.22	8	Pass
NVNT	n40	2442	Ant1	-13.97	0	-13.97	8	Pass



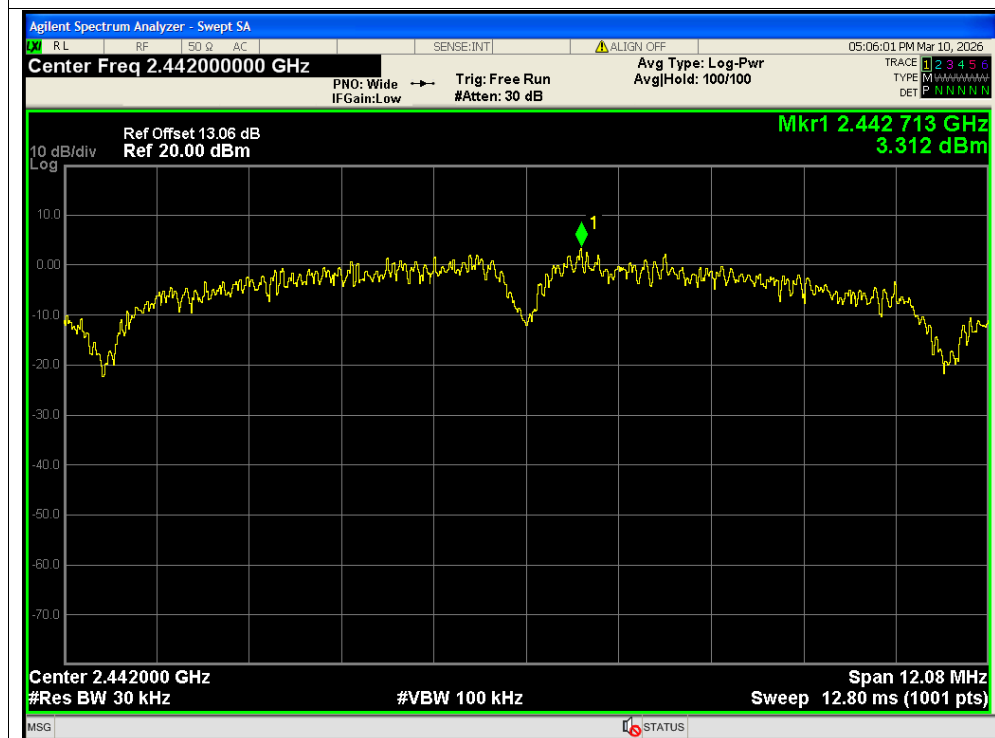
	MIMO							
NVNT	n40 MIMO	2442	Ant2	-15.37	0	-15.37	8	Pass
NVNT	n40 MIMO	2442	Sum	-11.6	0	-11.6	8	Pass
NVNT	n40 MIMO	2462	Ant1	-14.12	0	-14.12	8	Pass
NVNT	n40 MIMO	2462	Ant2	-14.92	0	-14.92	8	Pass
NVNT	n40 MIMO	2462	Sum	-11.49	0	-11.49	8	Pass
NVNT	ax20 SISO	2412	Ant1	-8.67	0	-8.67	8	Pass
NVNT	ax20 SISO	2442	Ant1	-10.04	0	-10.04	8	Pass
NVNT	ax20 SISO	2472	Ant1	-9.25	0	-9.25	8	Pass
NVNT	ax20 SISO	2412	Ant2	-10.16	0	-10.16	8	Pass
NVNT	ax20 SISO	2442	Ant2	-9.75	0	-9.75	8	Pass
NVNT	ax20 SISO	2472	Ant2	-10.19	0	-10.19	8	Pass
NVNT	ax20 MIMO	2412	Ant1	-11.58	0	-11.58	8	Pass
NVNT	ax20 MIMO	2412	Ant2	-14.25	0	-14.25	8	Pass
NVNT	ax20 MIMO	2412	Sum	-9.7	0	-9.7	8	Pass
NVNT	ax20 MIMO	2442	Ant1	-11.58	0	-11.58	8	Pass
NVNT	ax20 MIMO	2442	Ant2	-12.72	0	-12.72	8	Pass
NVNT	ax20 MIMO	2442	Sum	-9.1	0	-9.1	8	Pass
NVNT	ax20 MIMO	2472	Ant1	-12.71	0	-12.71	8	Pass
NVNT	ax20 MIMO	2472	Ant2	-12.87	0	-12.87	8	Pass



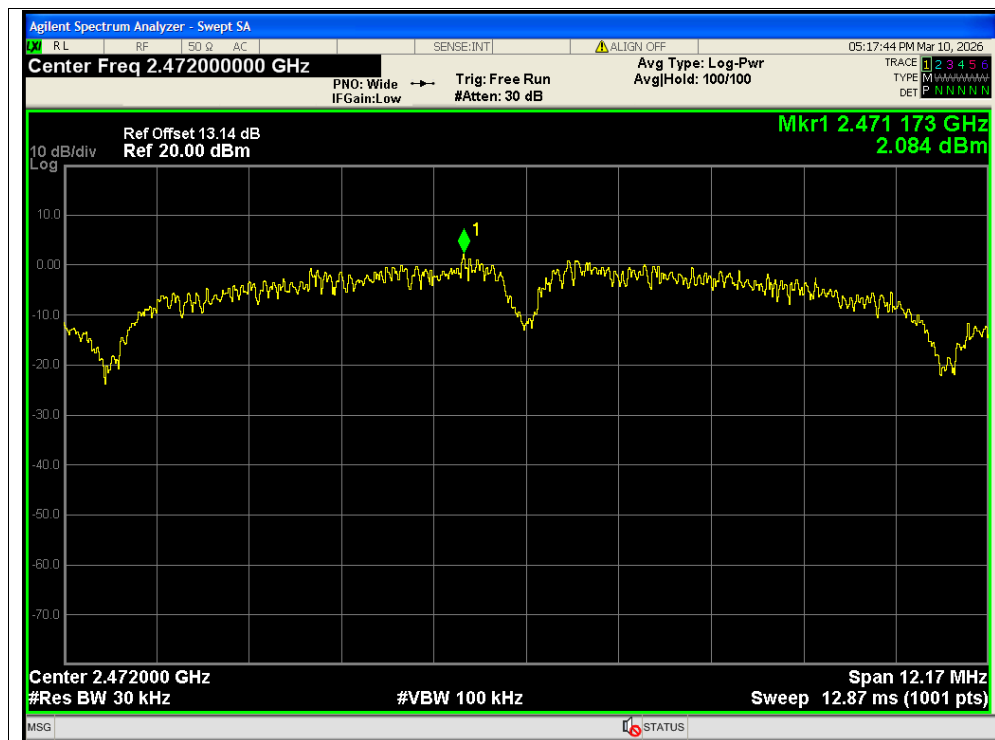
NVNT	ax20 MIMO	2472	Sum	-9.78	0	-9.78	8	Pass
NVNT	ax40 SISO	2422	Ant1	-12.6	0	-12.6	8	Pass
NVNT	ax40 SISO	2442	Ant1	-12.78	0	-12.78	8	Pass
NVNT	ax40 SISO	2462	Ant1	-12.63	0	-12.63	8	Pass
NVNT	ax40 SISO	2422	Ant2	-14.5	0	-14.5	8	Pass
NVNT	ax40 SISO	2442	Ant2	-14.04	0	-14.04	8	Pass
NVNT	ax40 SISO	2462	Ant2	-14.01	0	-14.01	8	Pass
NVNT	ax40 MIMO	2422	Ant1	-14.93	0	-14.93	8	Pass
NVNT	ax40 MIMO	2422	Ant2	-16.67	0	-16.67	8	Pass
NVNT	ax40 MIMO	2422	Sum	-12.7	0	-12.7	8	Pass
NVNT	ax40 MIMO	2442	Ant1	-15.88	0	-15.88	8	Pass
NVNT	ax40 MIMO	2442	Ant2	-16.51	0	-16.51	8	Pass
NVNT	ax40 MIMO	2442	Sum	-13.17	0	-13.17	8	Pass
NVNT	ax40 MIMO	2462	Ant1	-16.05	0	-16.05	8	Pass
NVNT	ax40 MIMO	2462	Ant2	-16.75	0	-16.75	8	Pass
NVNT	ax40 MIMO	2462	Sum	-13.38	0	-13.38	8	Pass



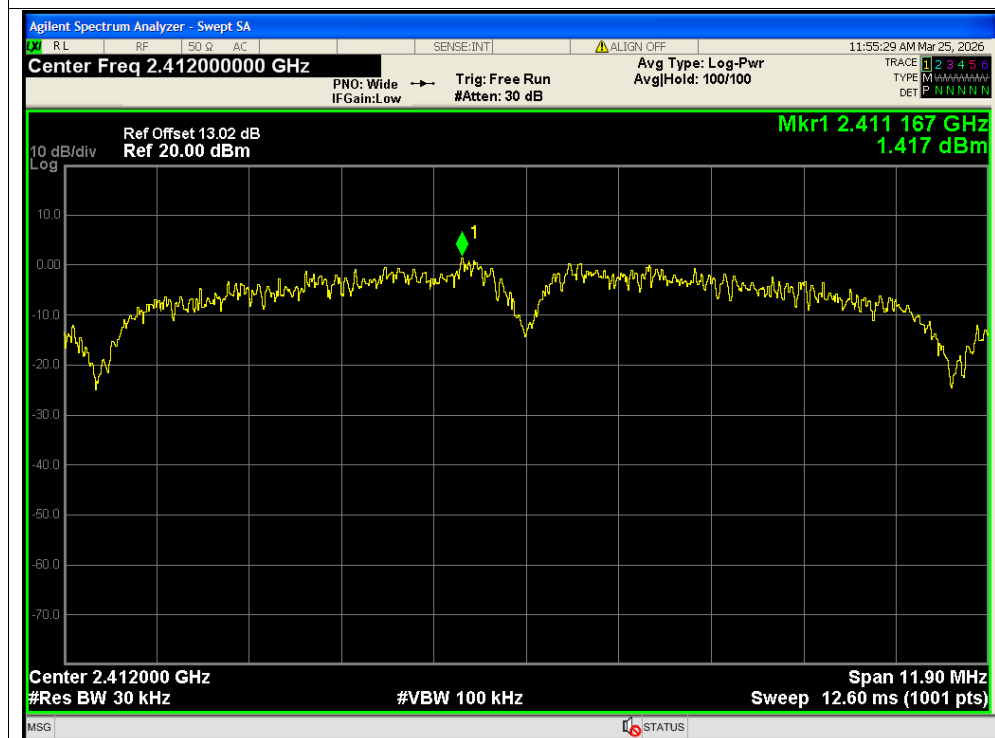
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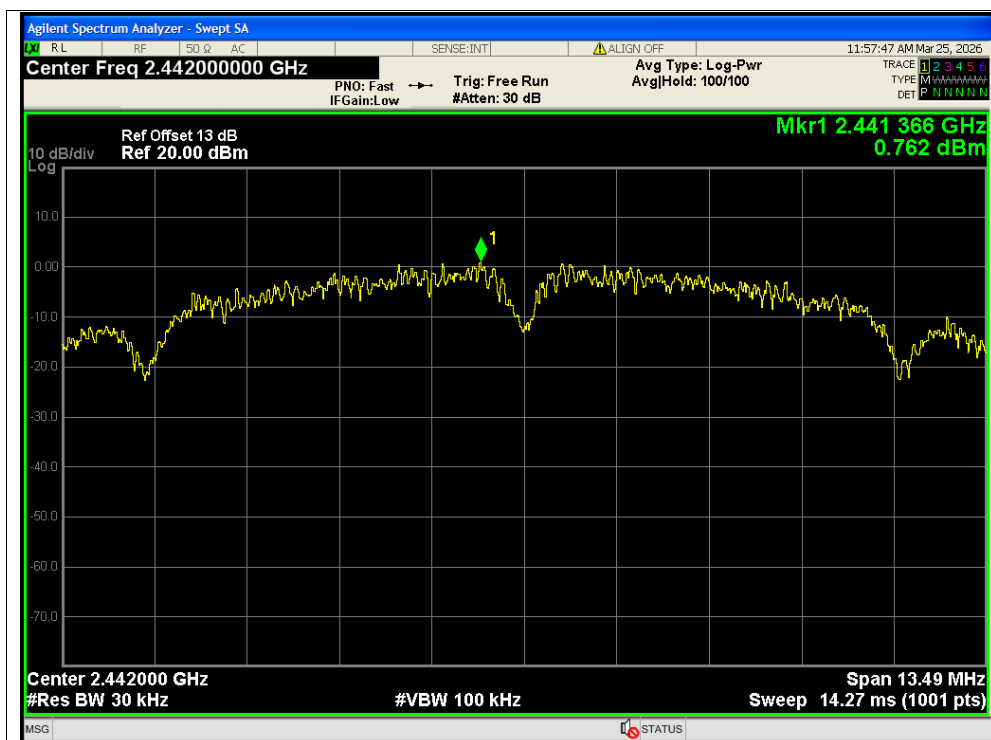
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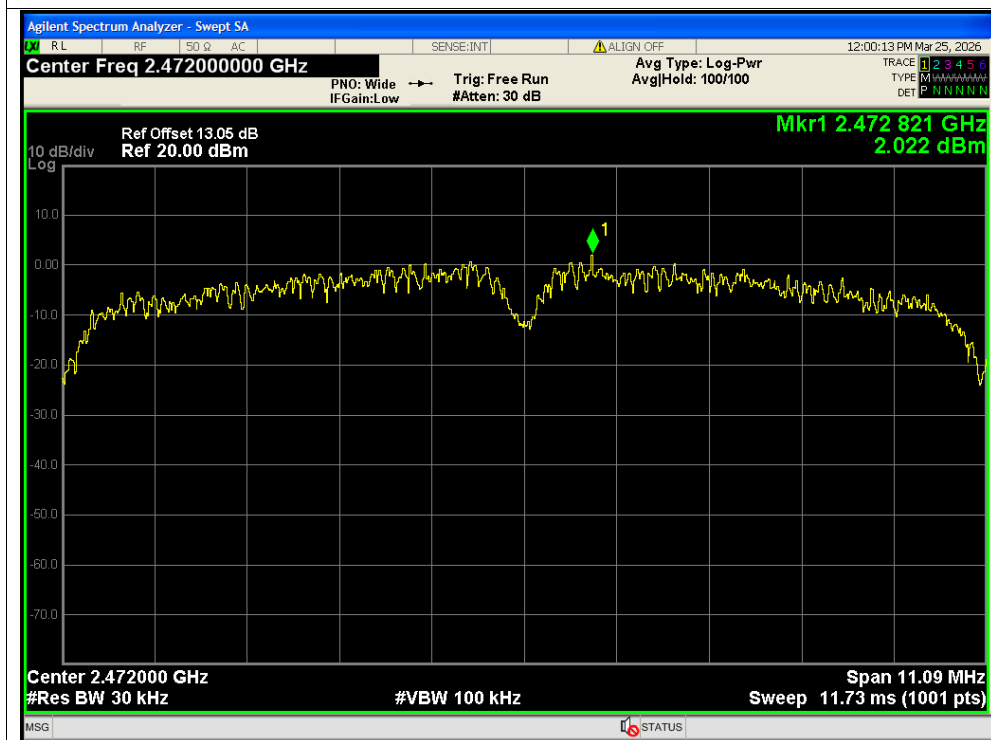
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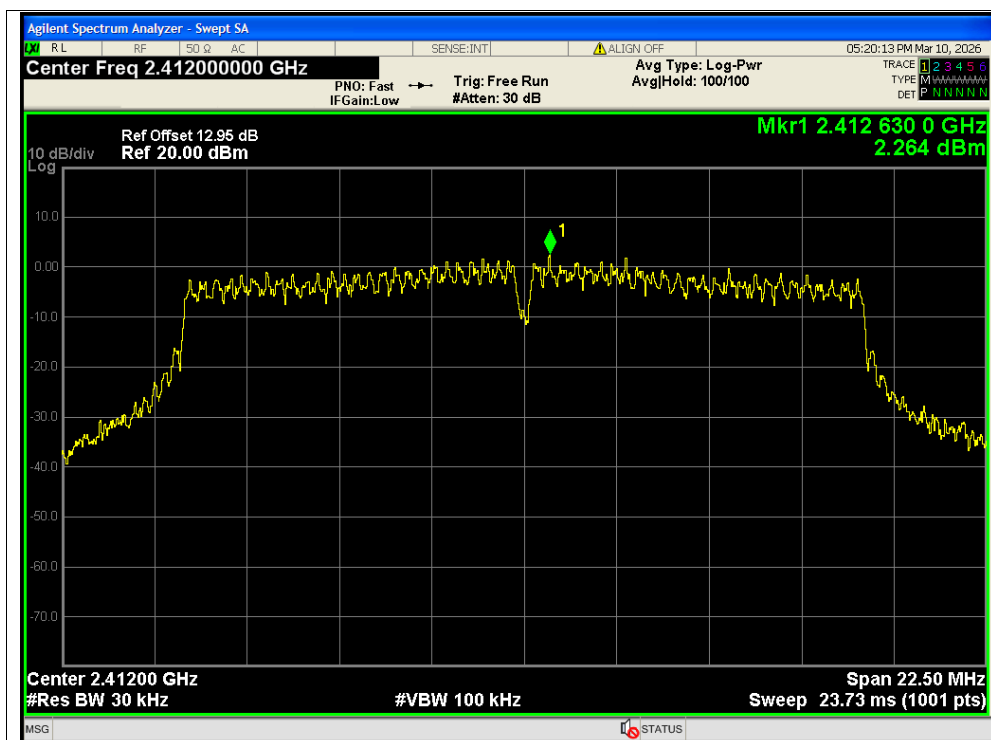
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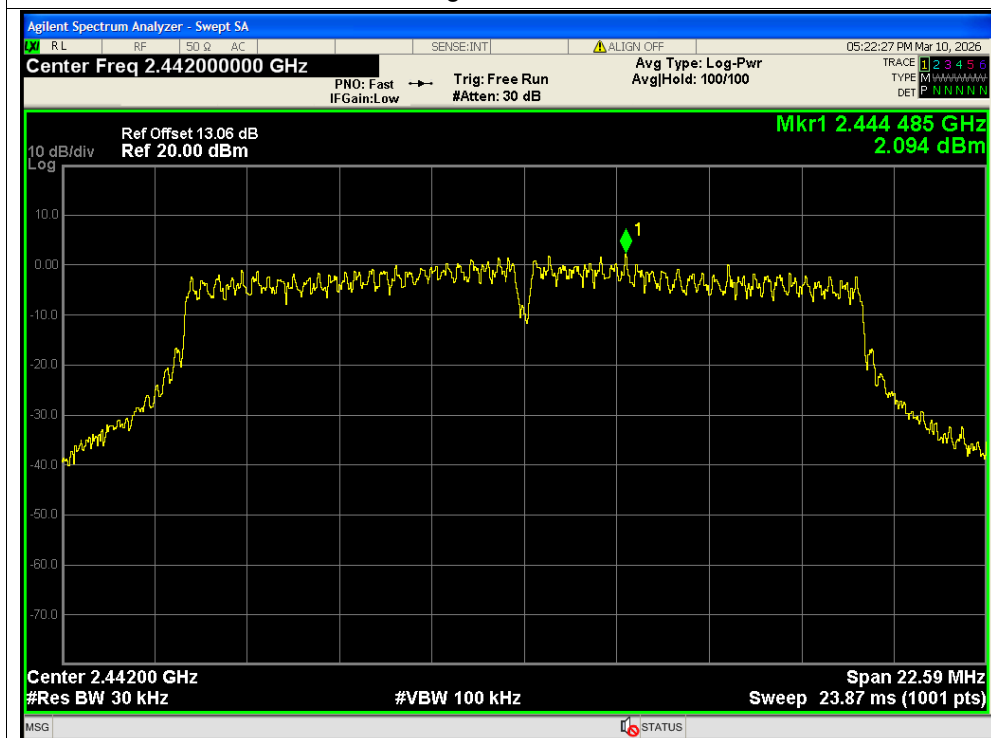
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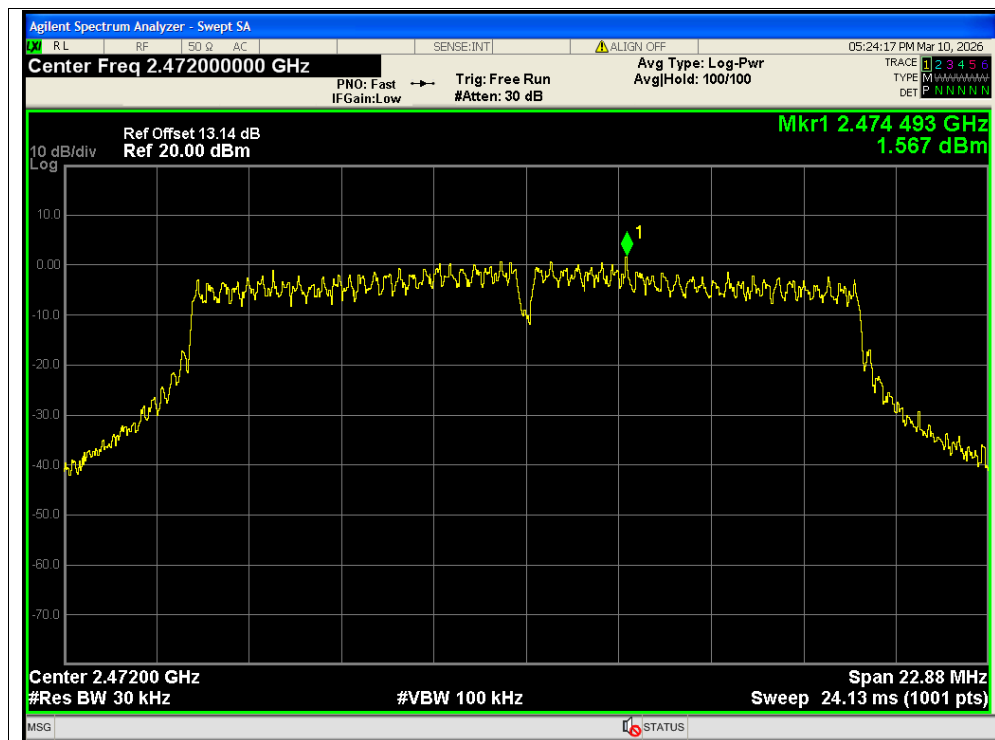
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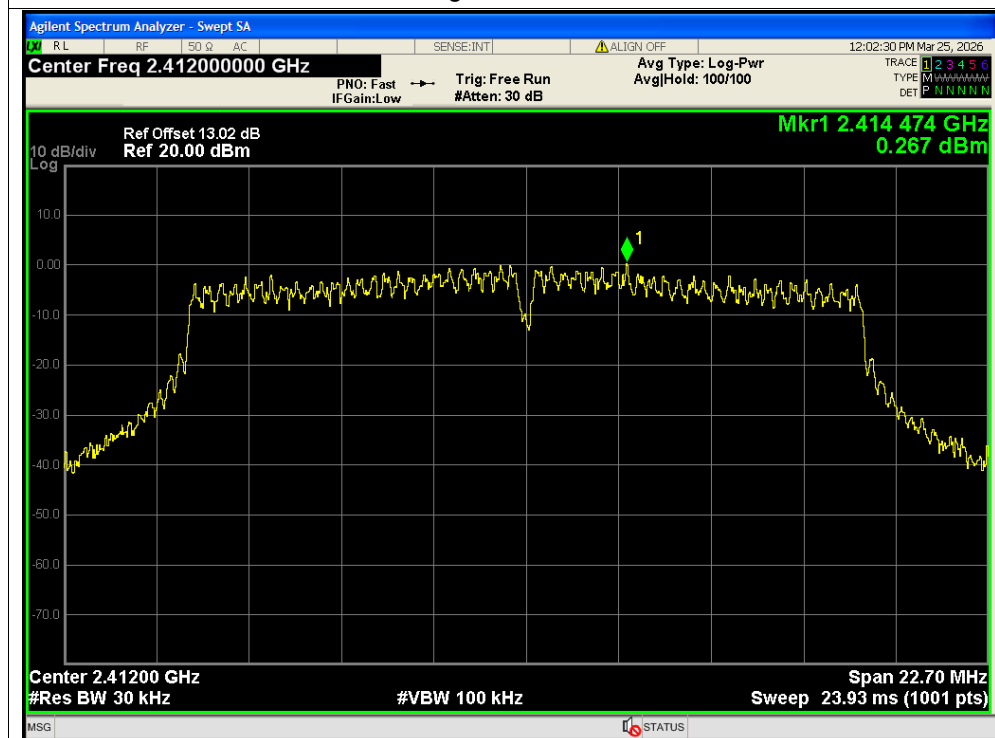
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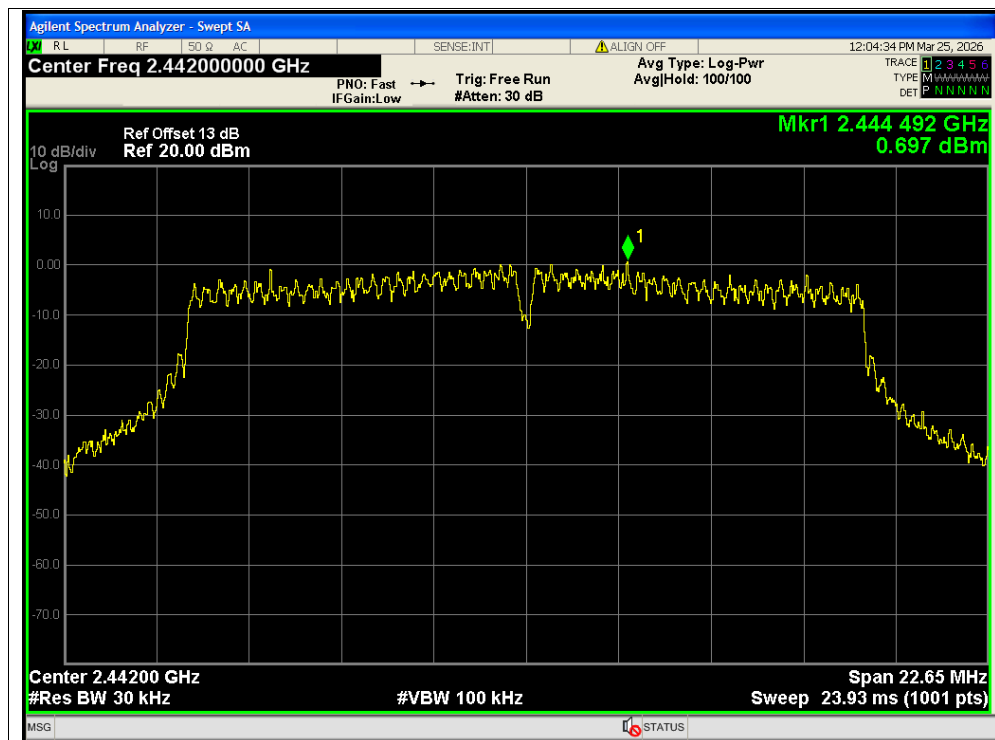
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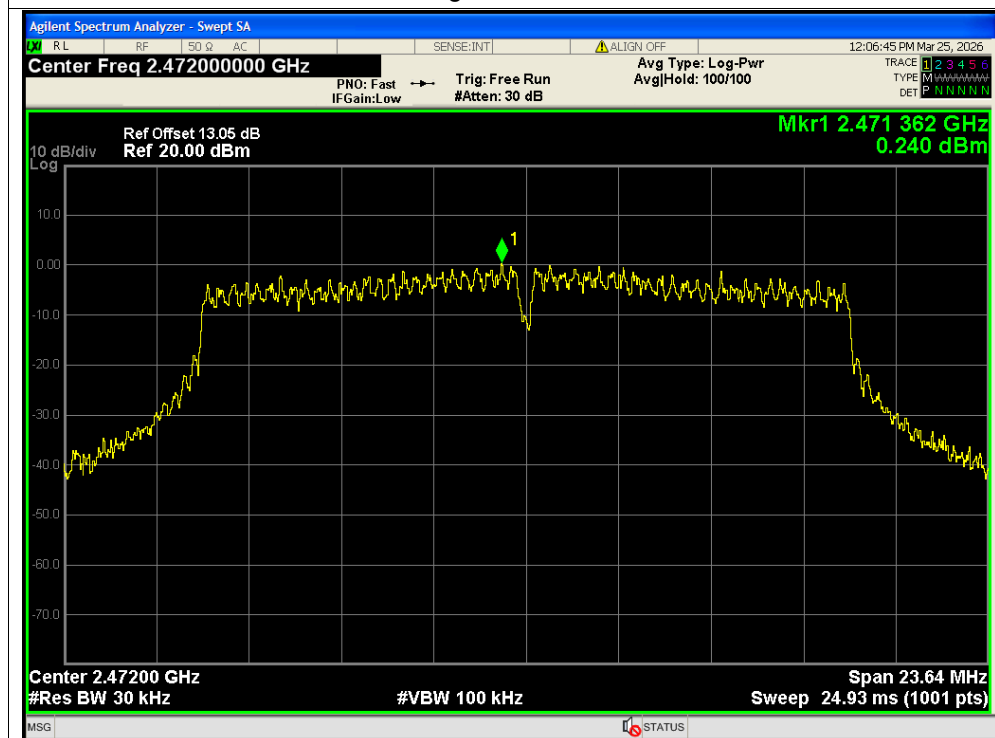
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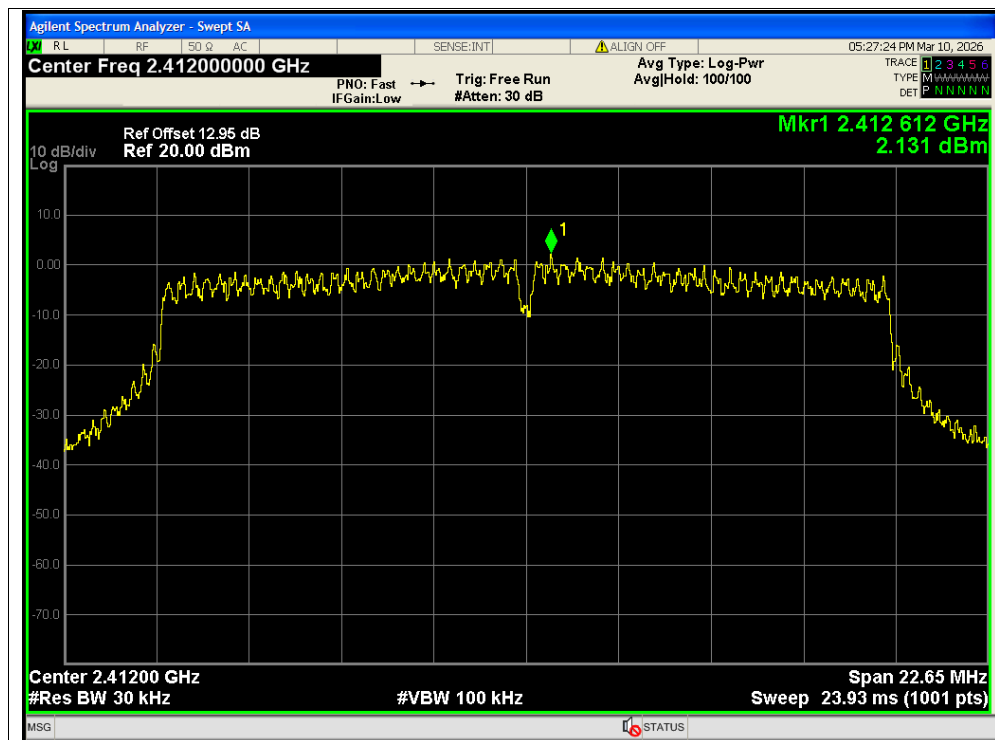
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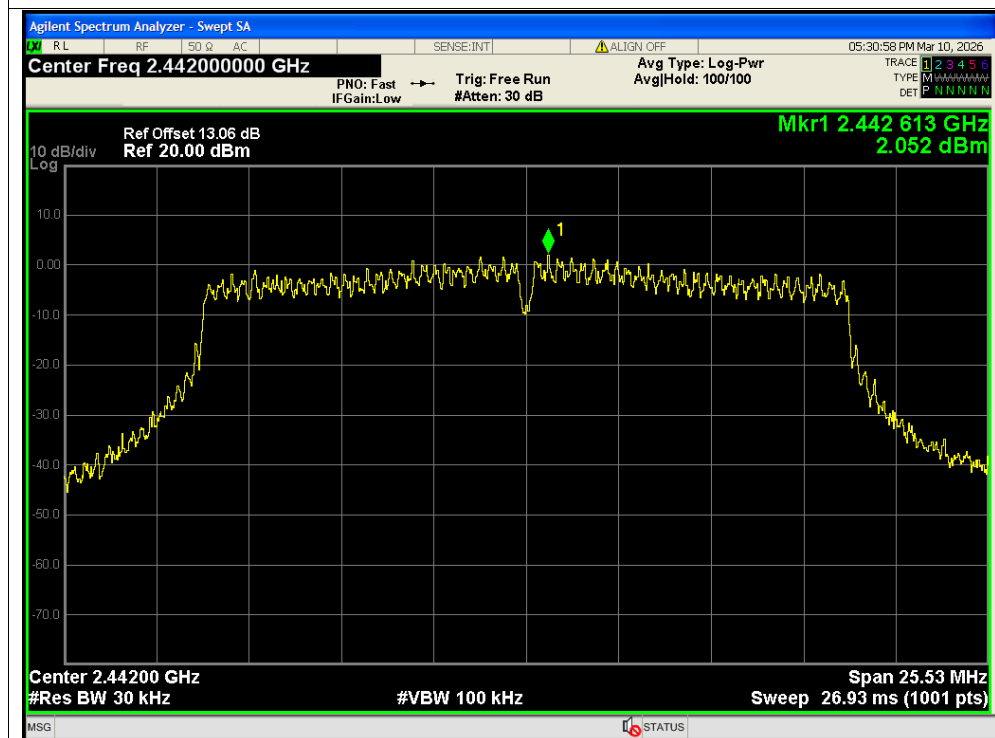
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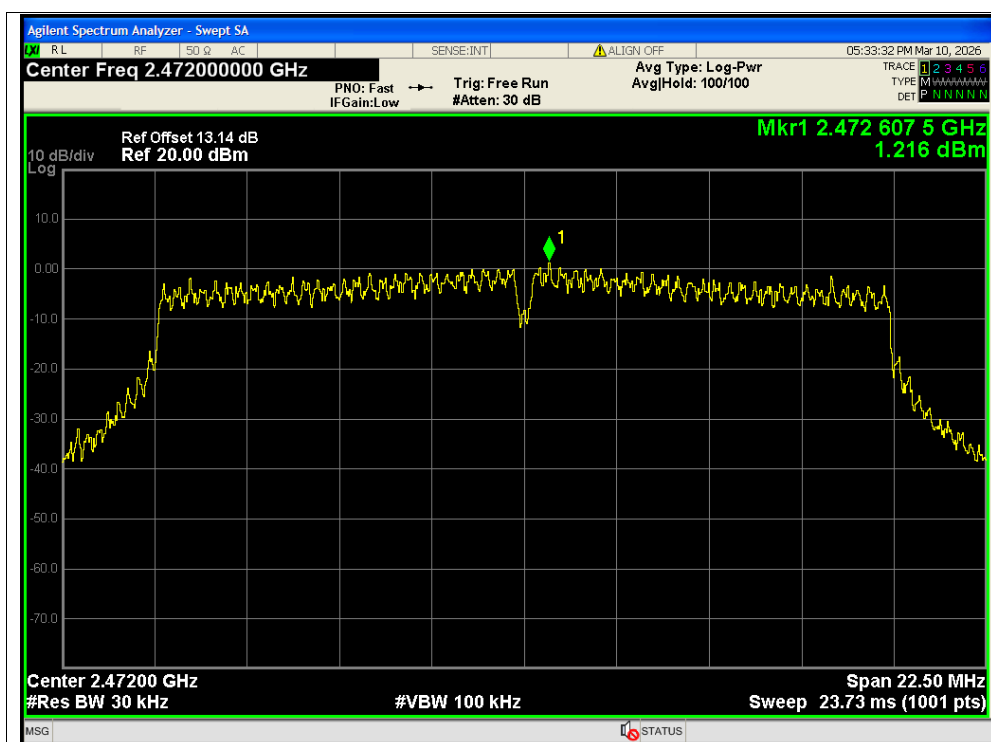
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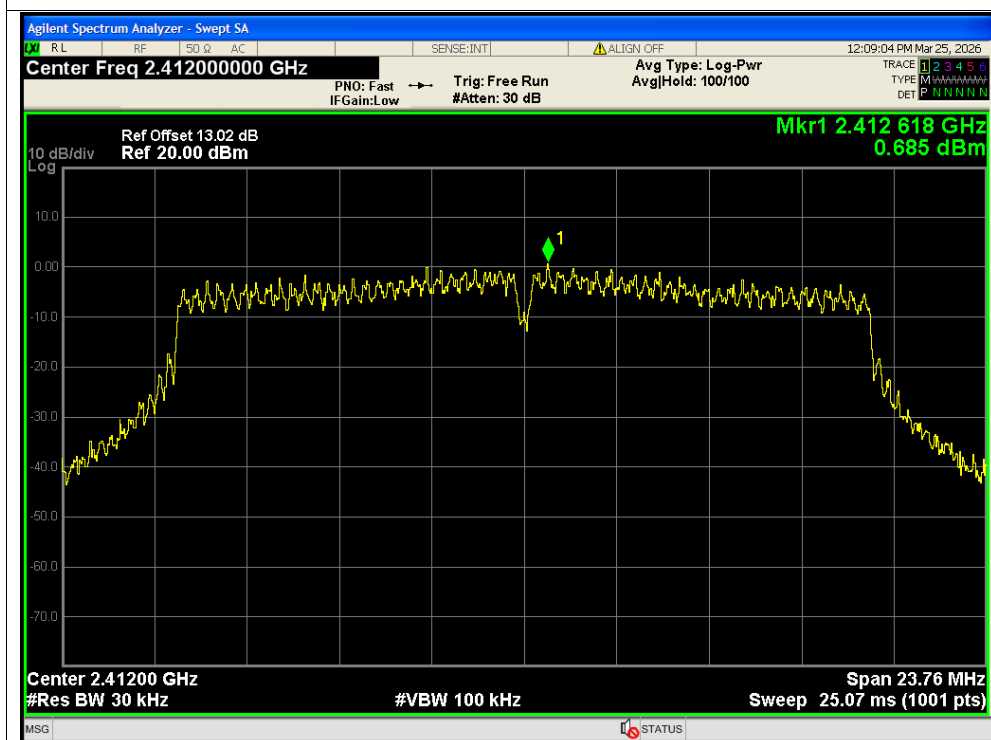
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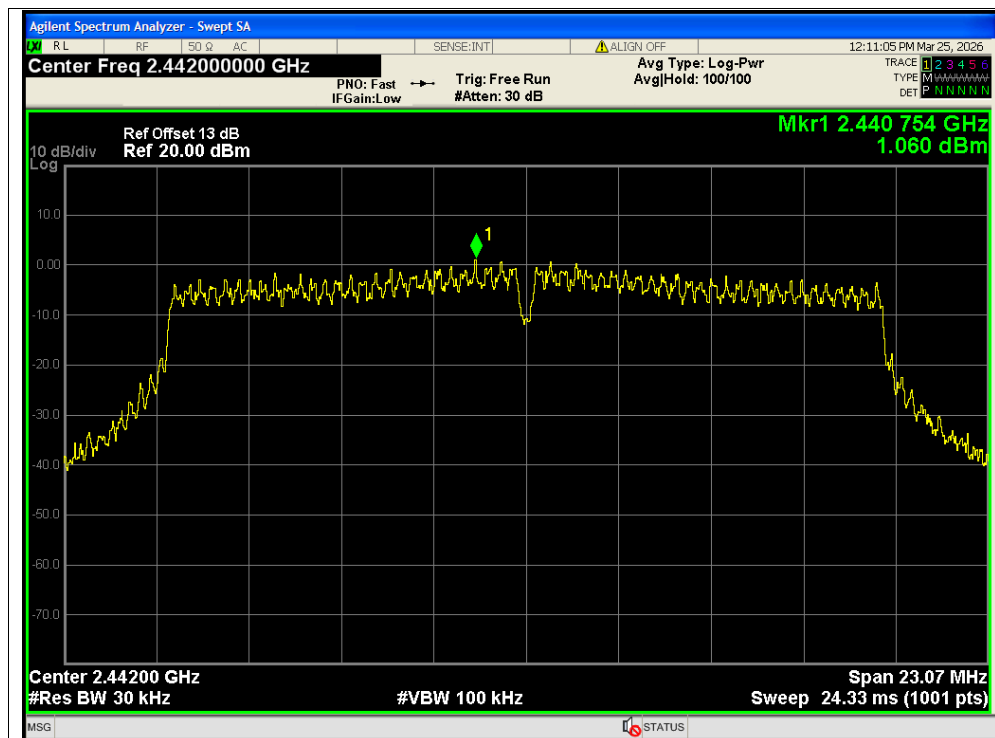
PSD NVNT n20 2442MHz Ant1 SISO



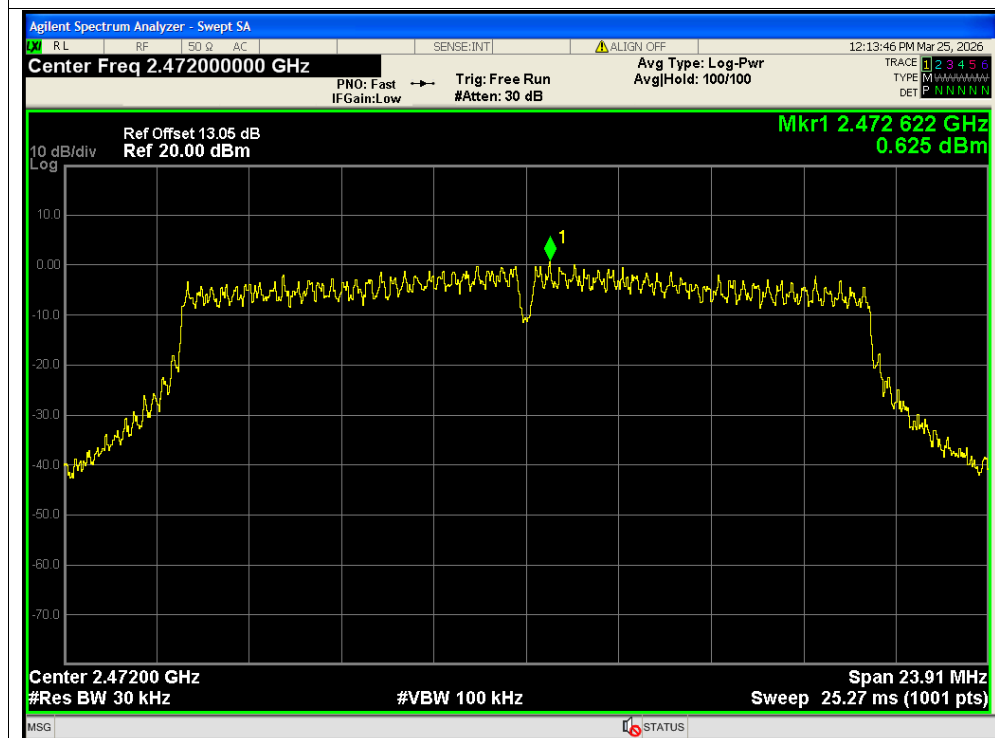
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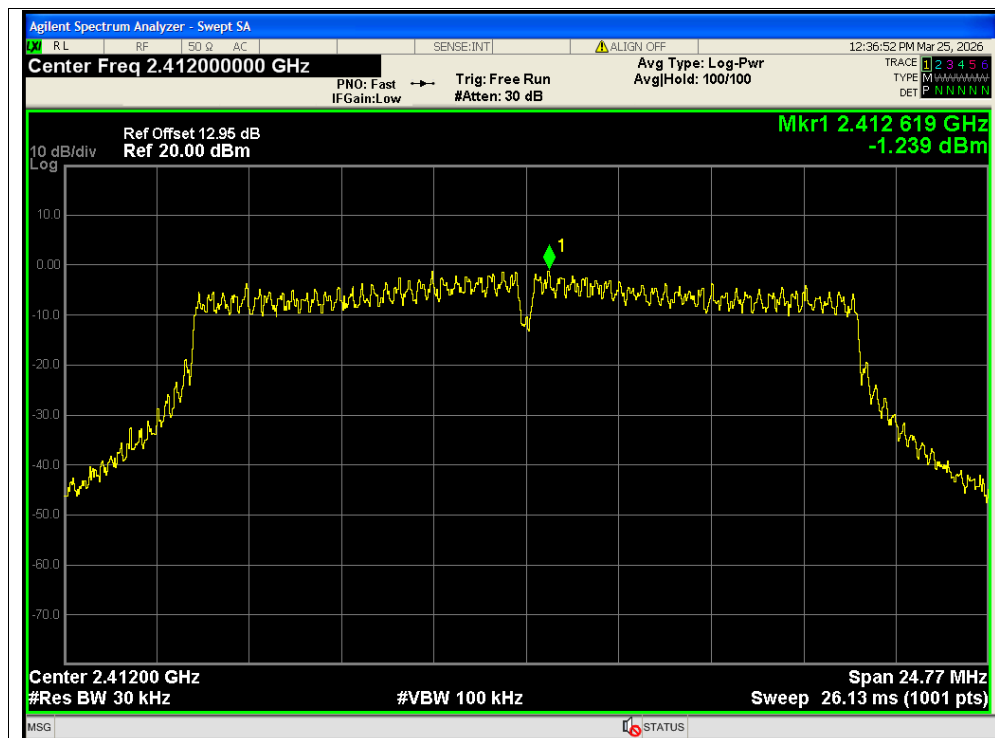
PSD NVNT n20 2412MHz Ant2 SISO



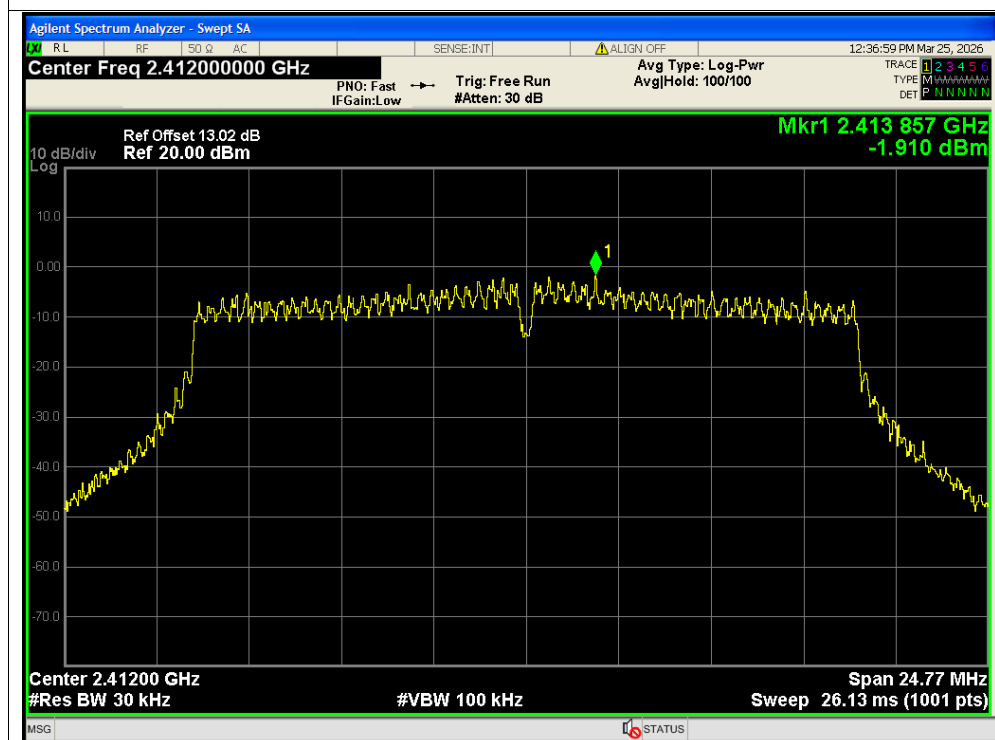
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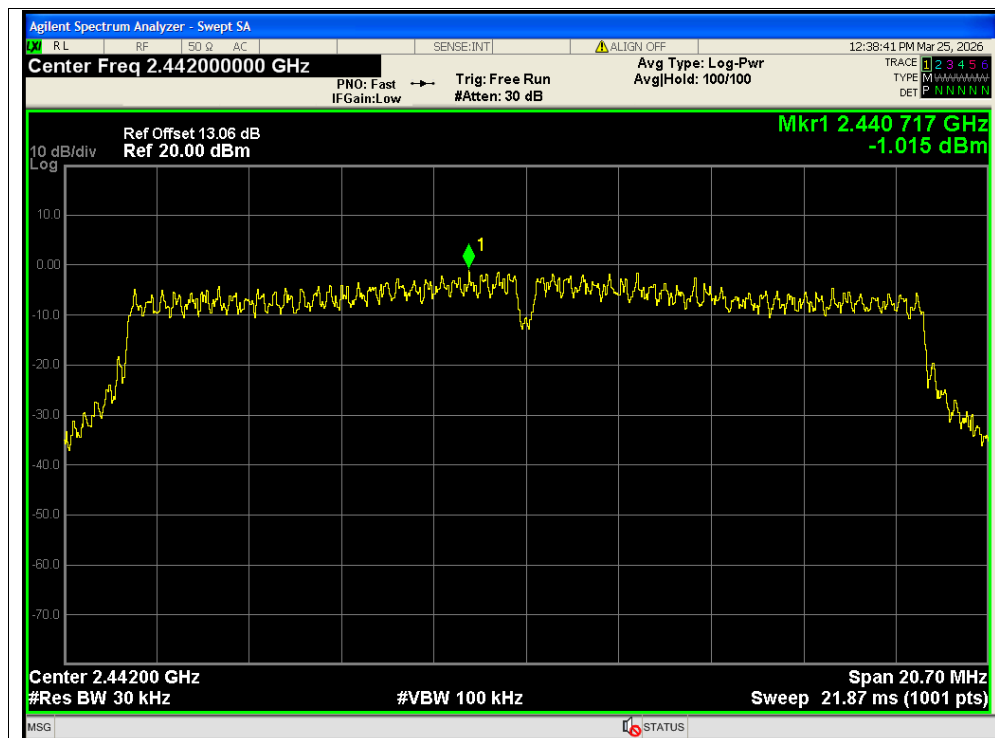
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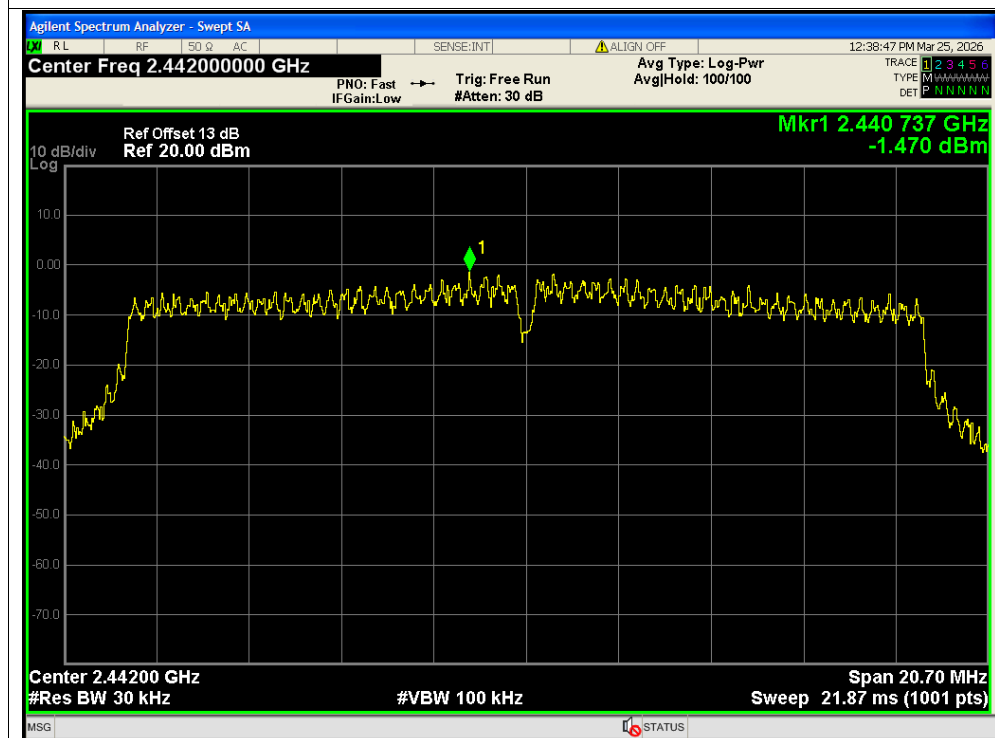
PSD NVNT n20 2412MHz Ant1 MIMO



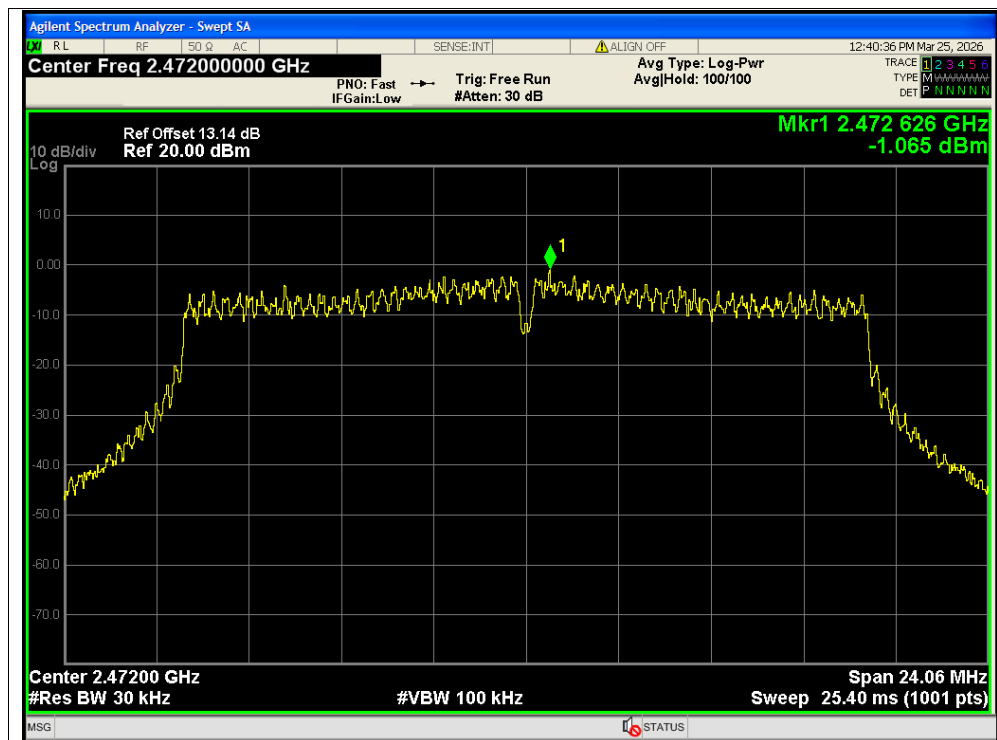
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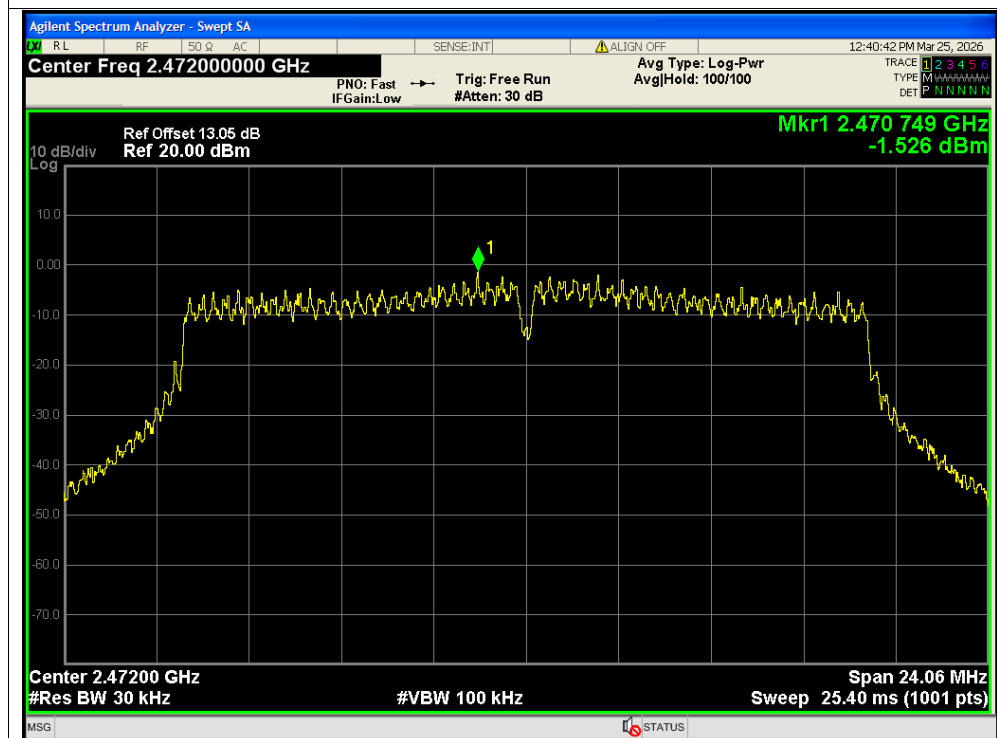
PSD NVNT n20 2442MHz Ant1 MIMO



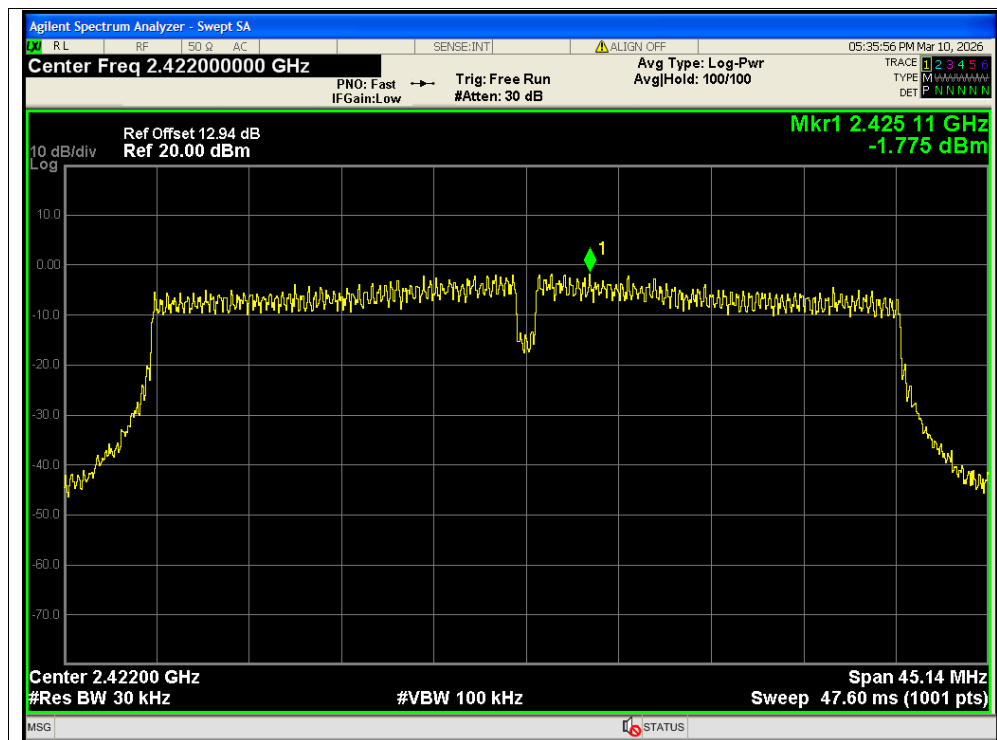
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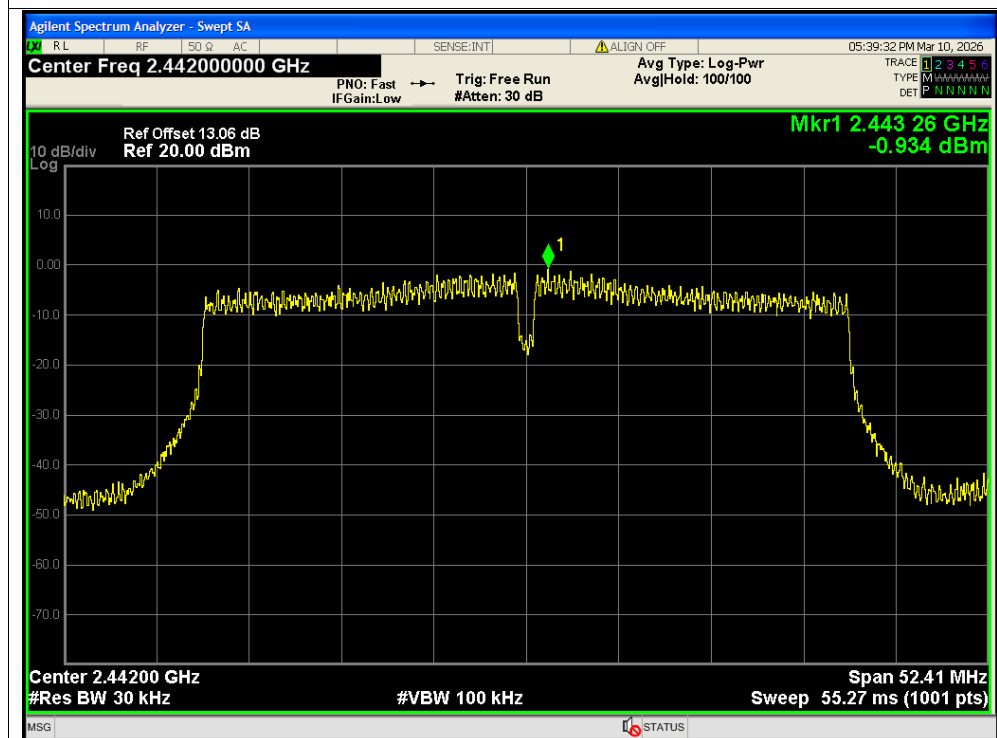
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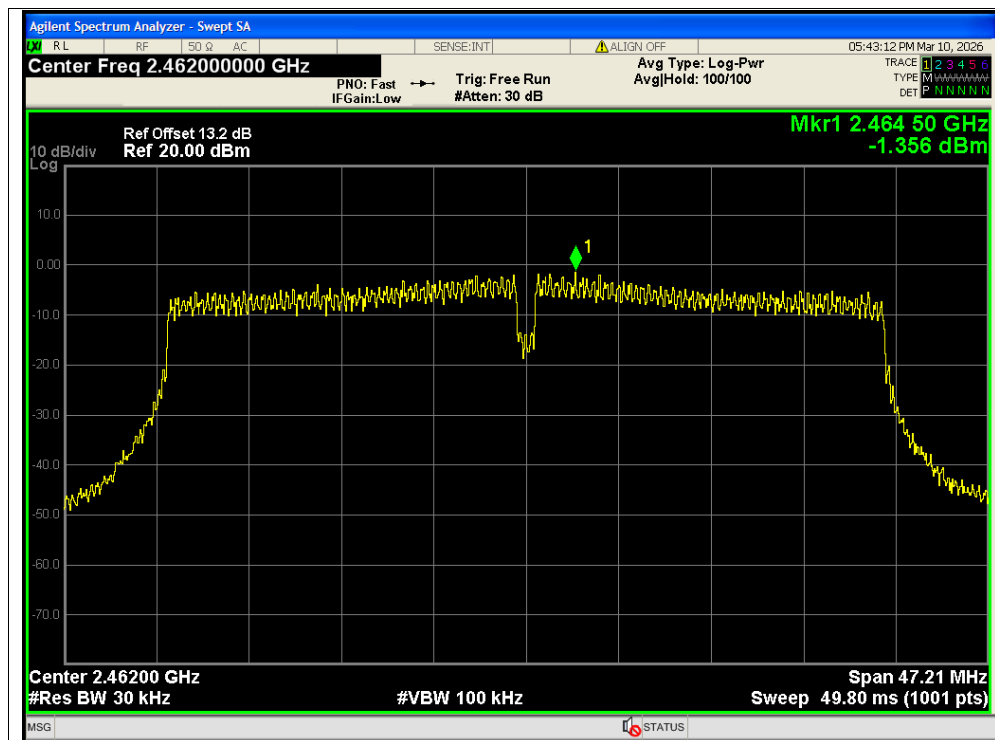
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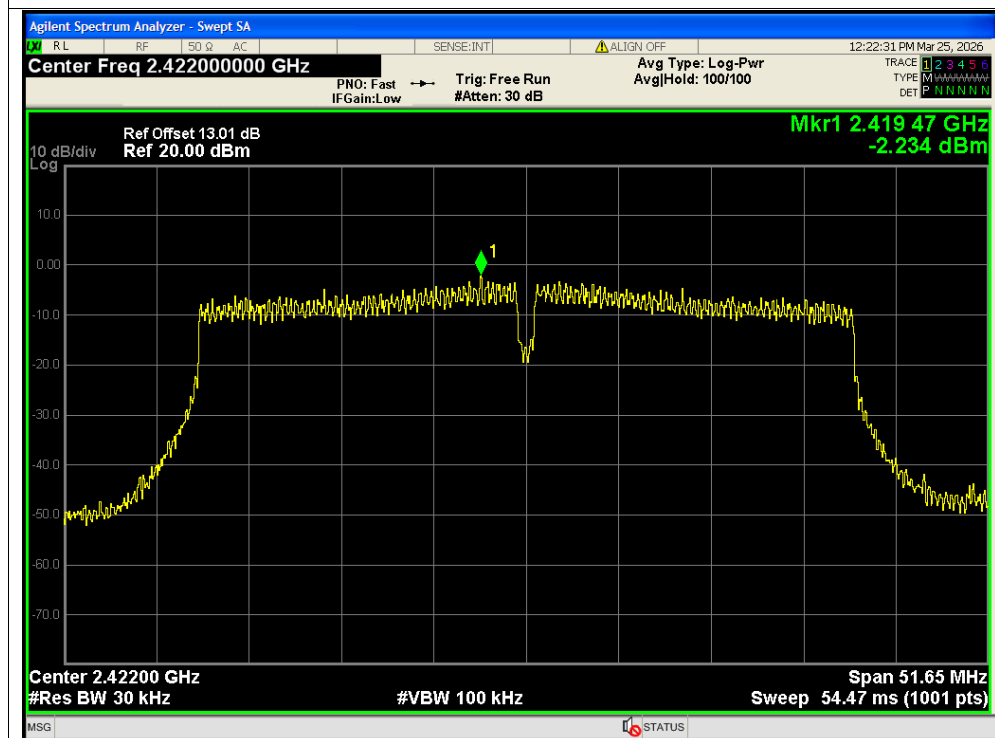
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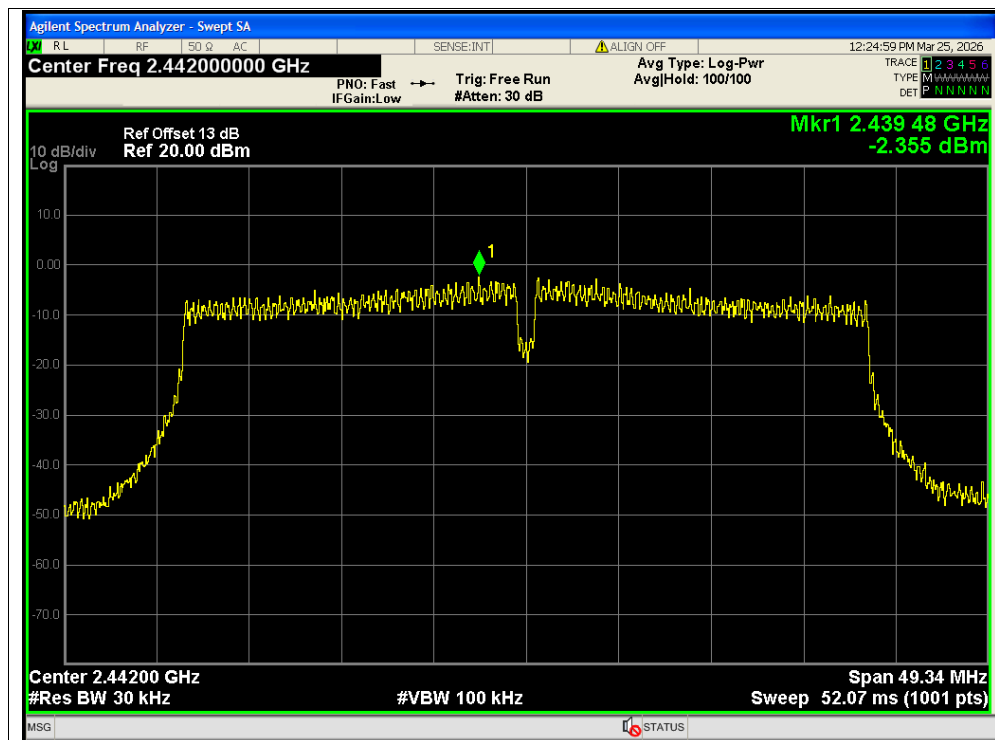
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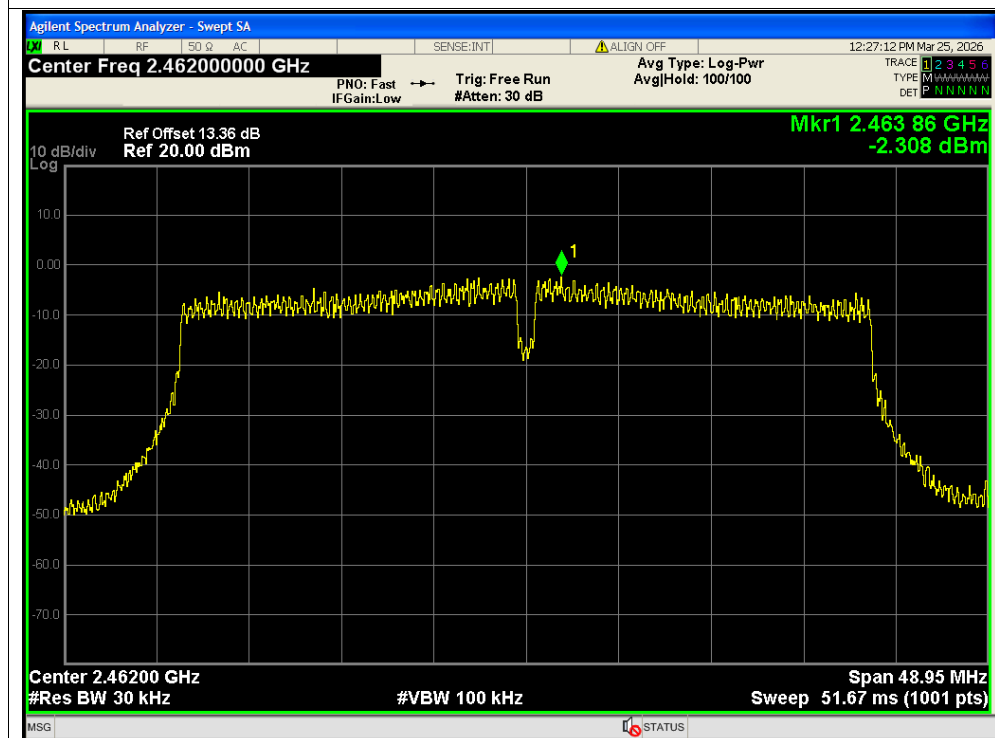
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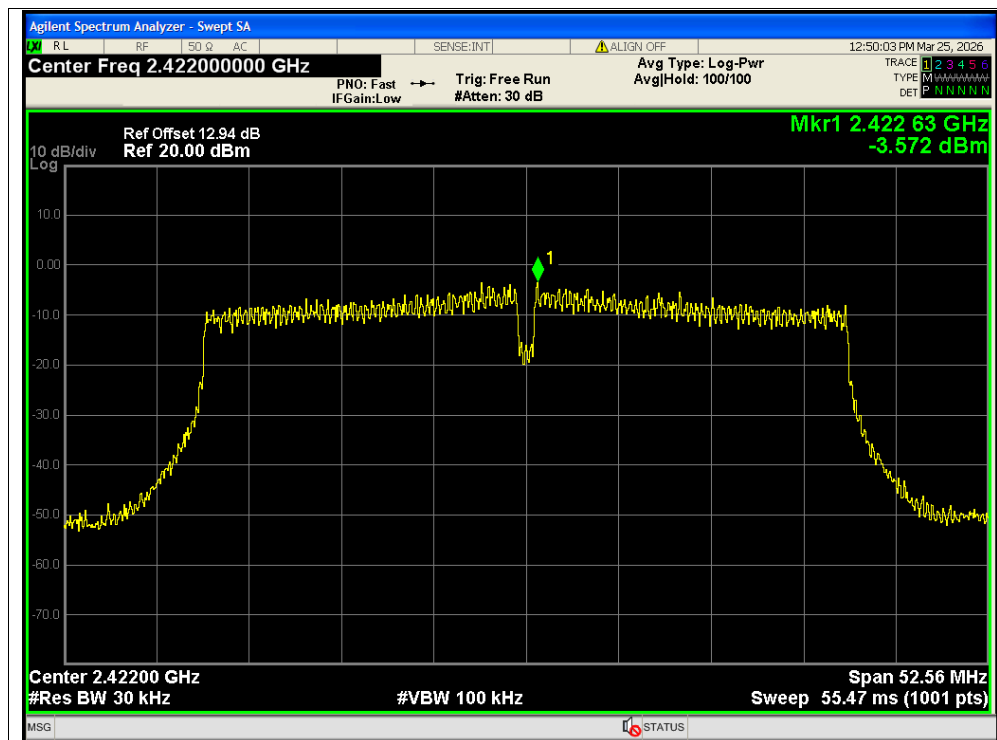
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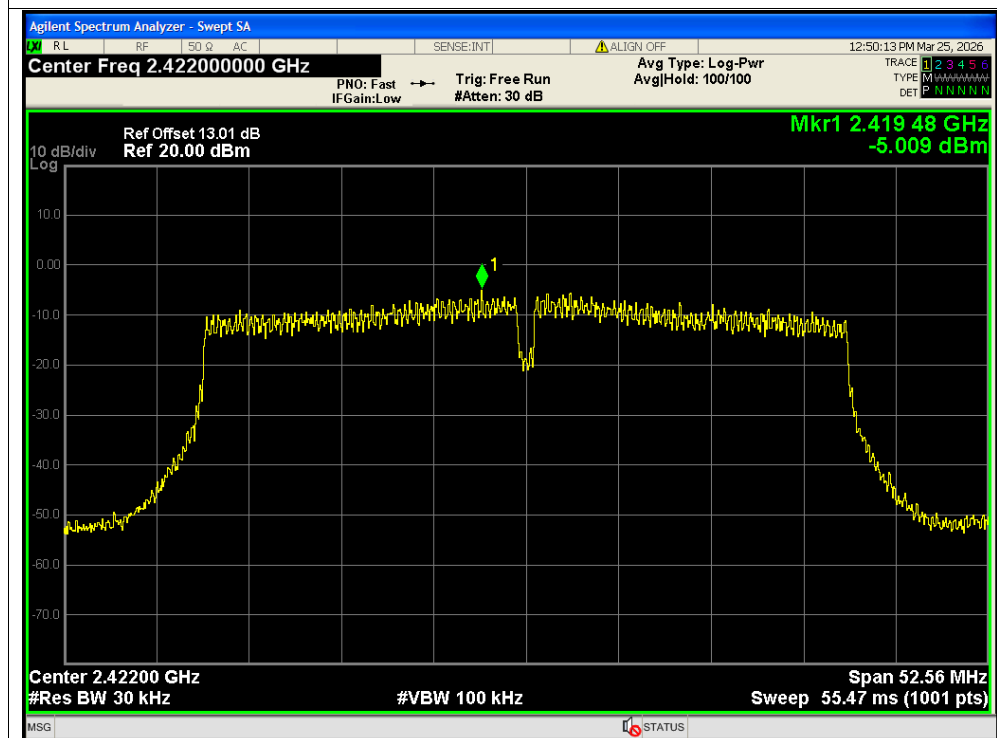
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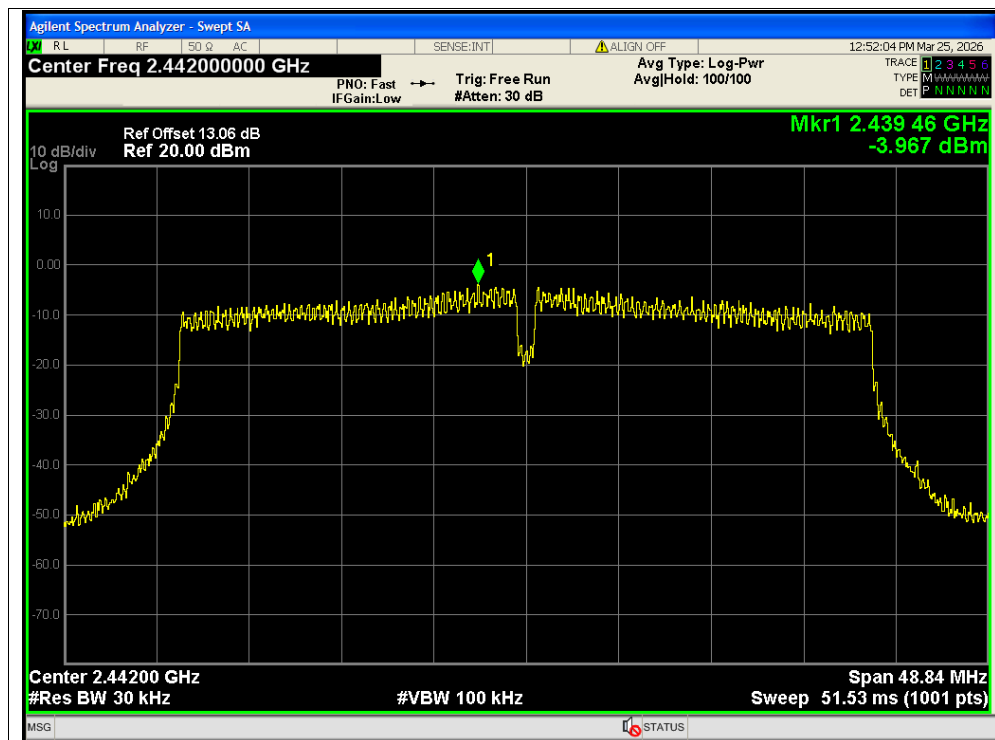
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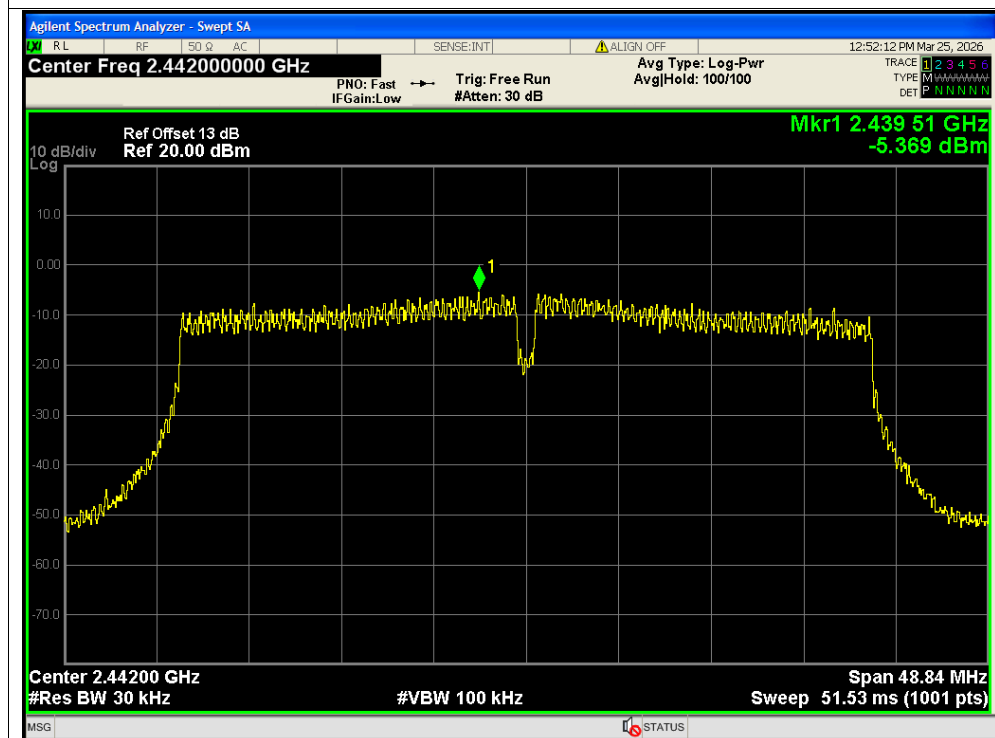
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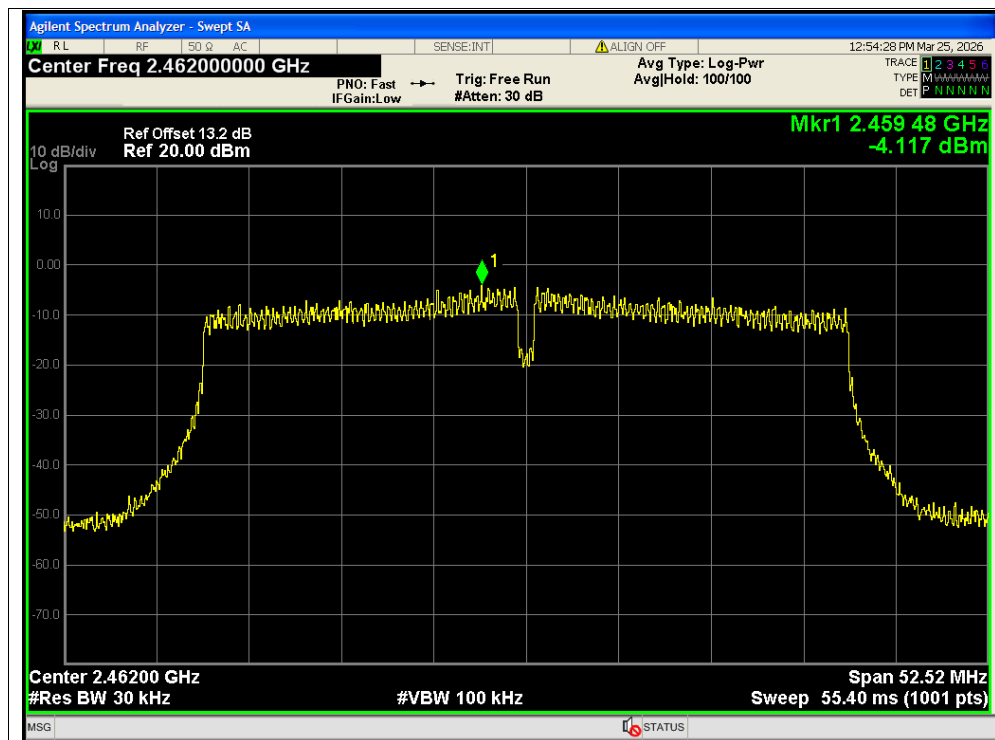
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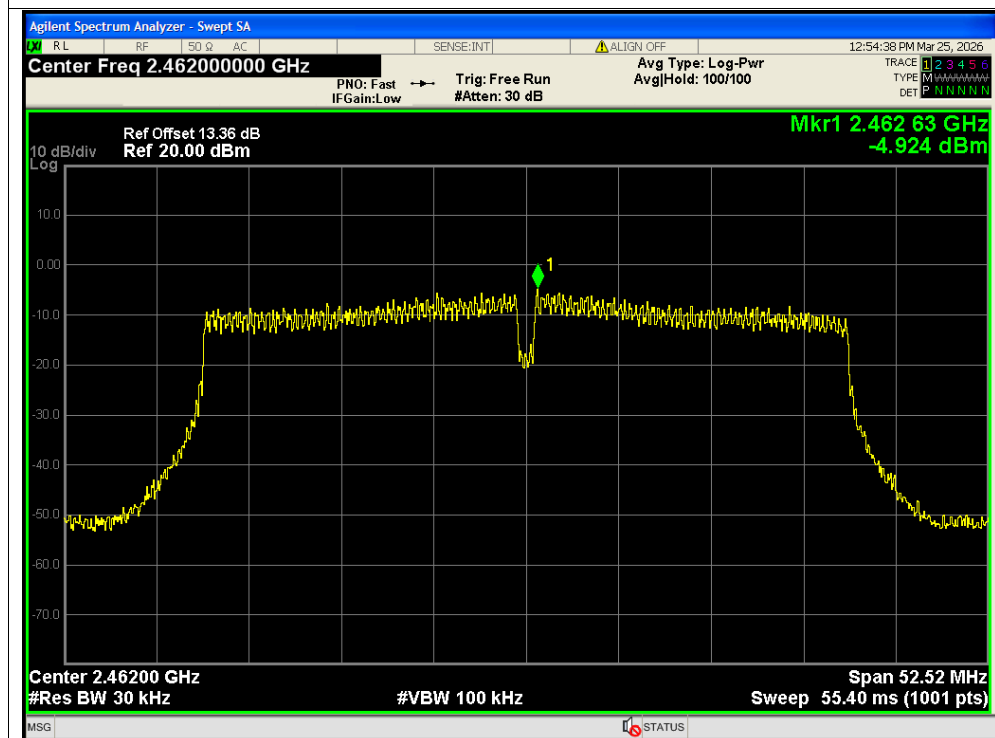
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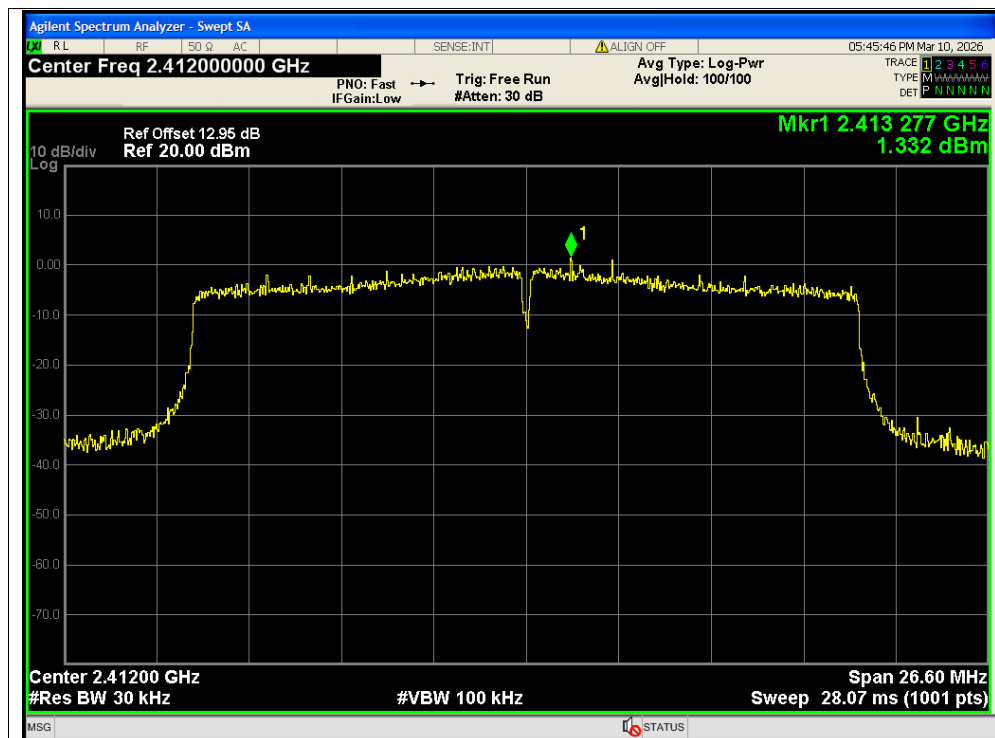
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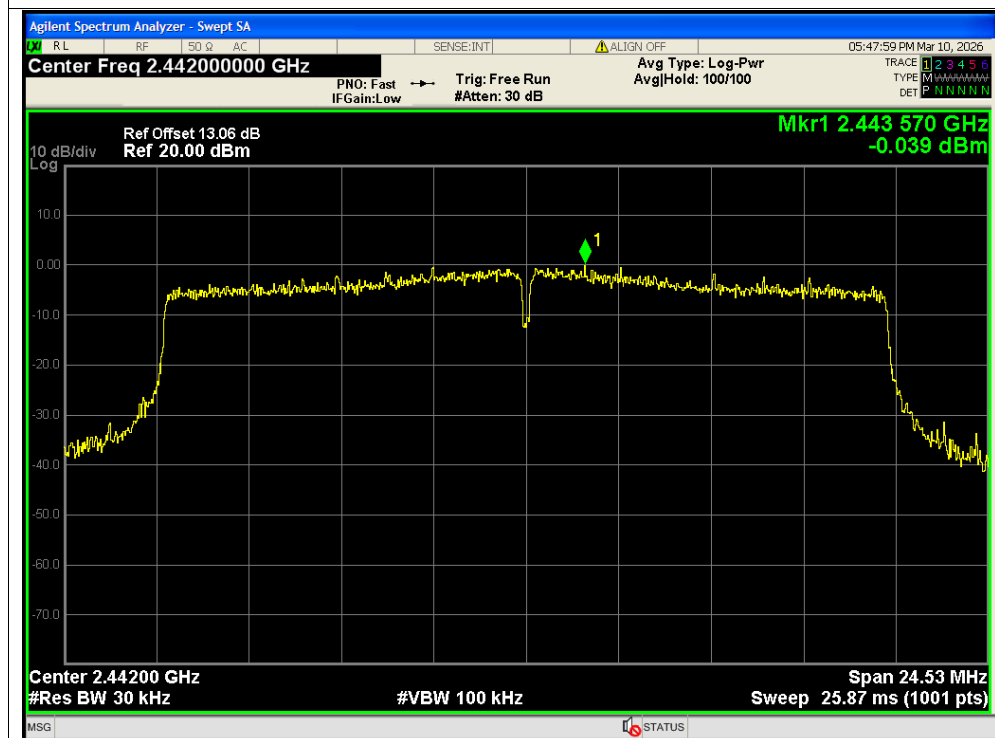
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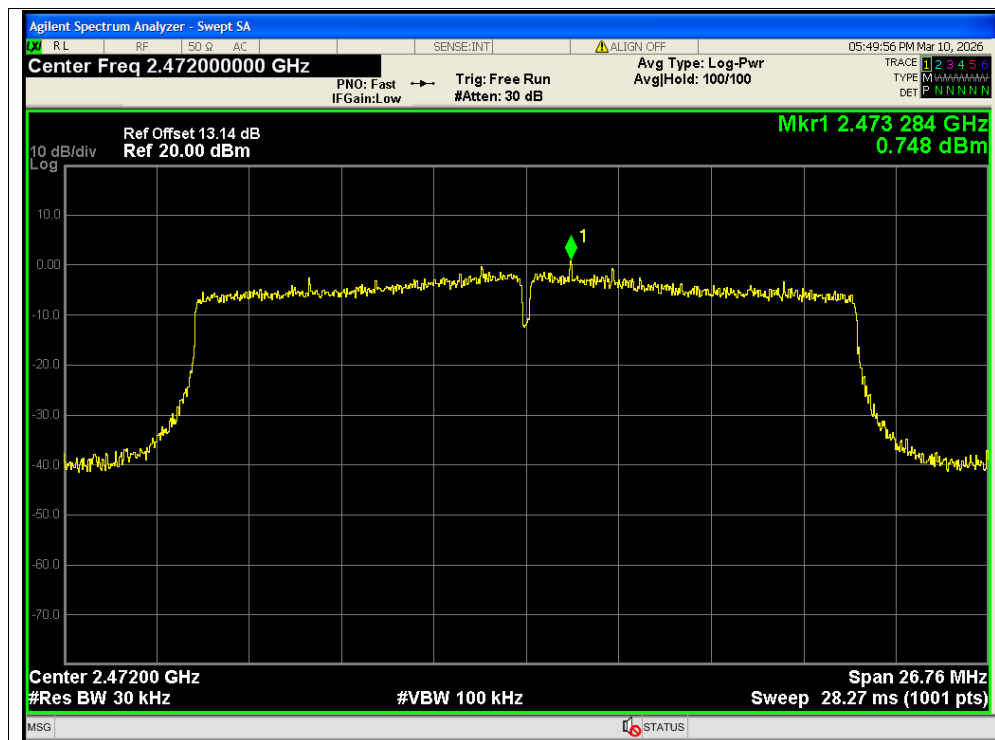
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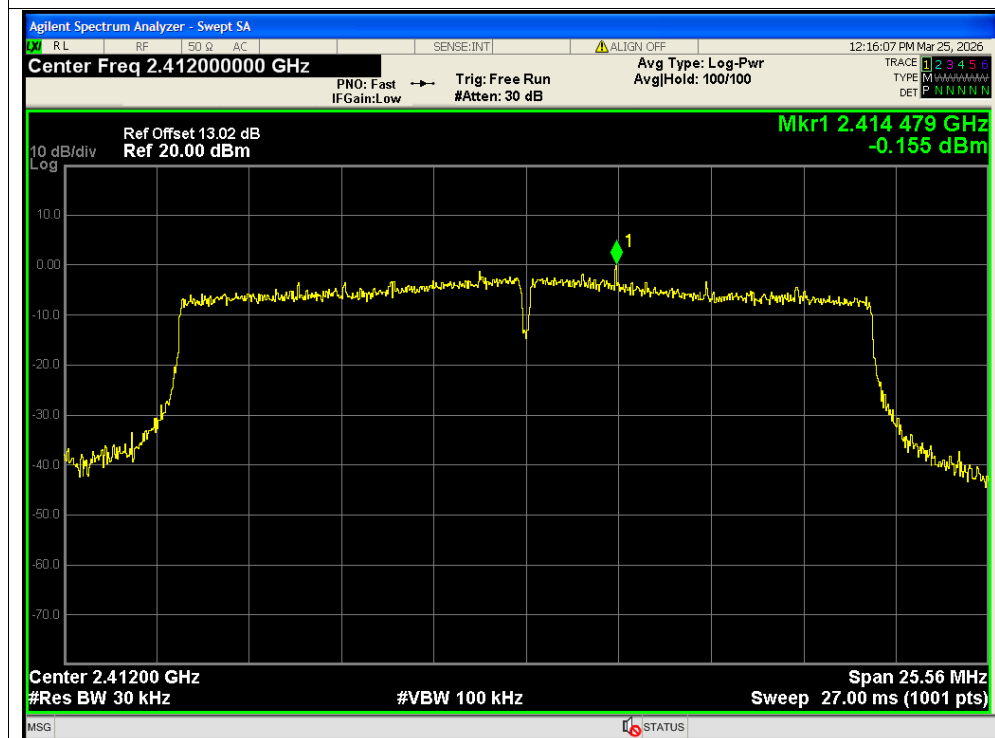
PSD NVNT ax20 2412MHz Ant1 SISO



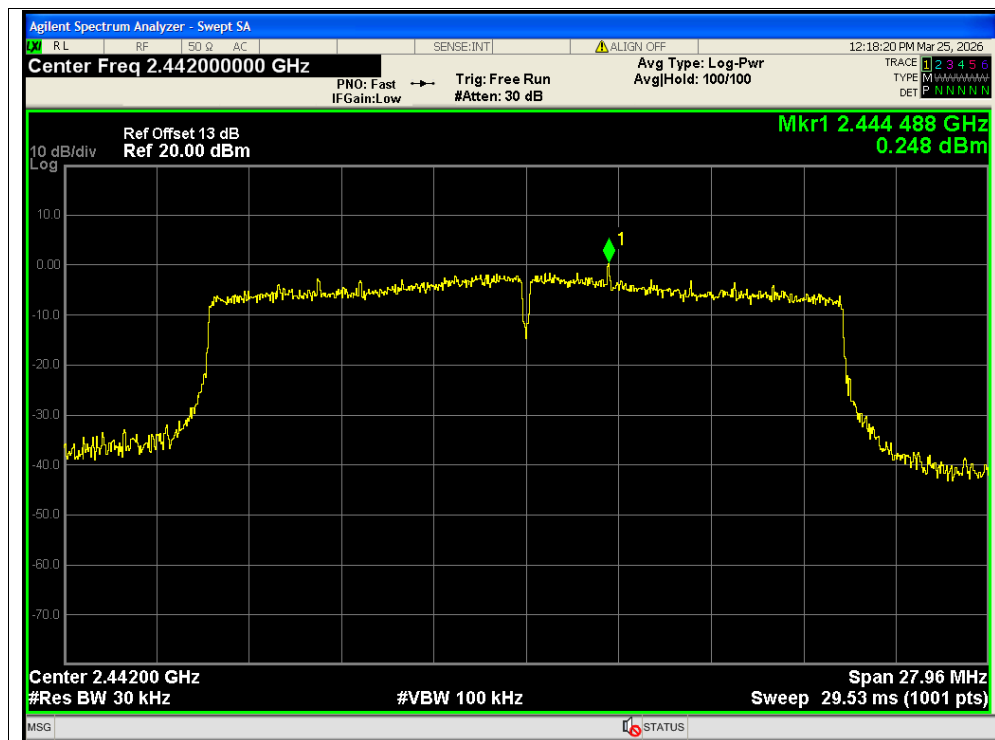
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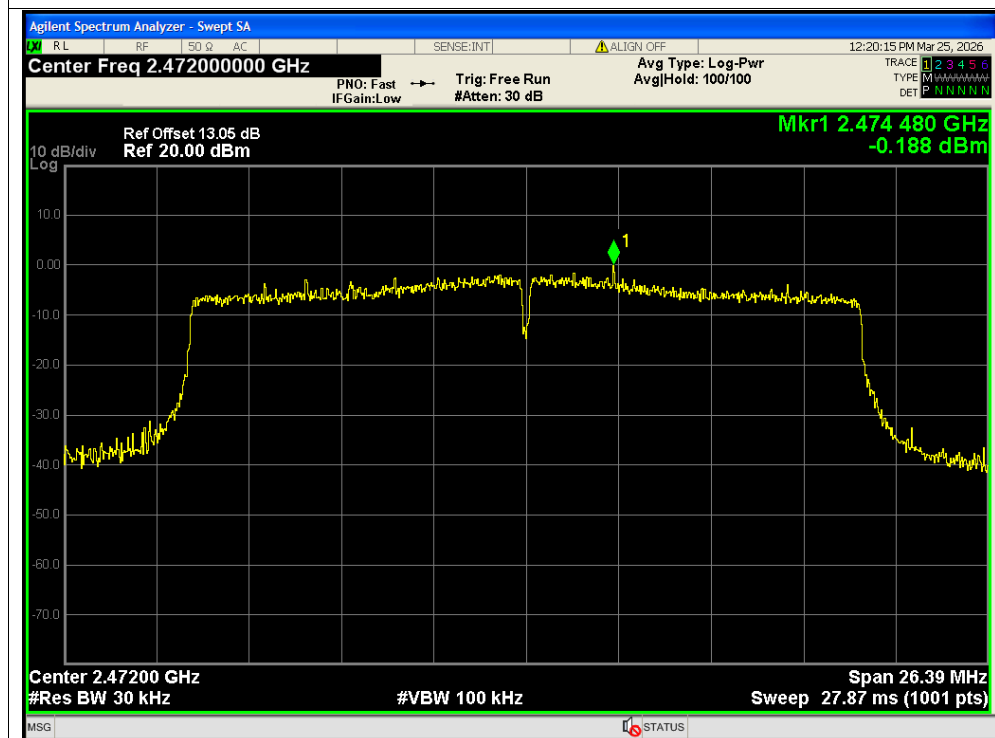
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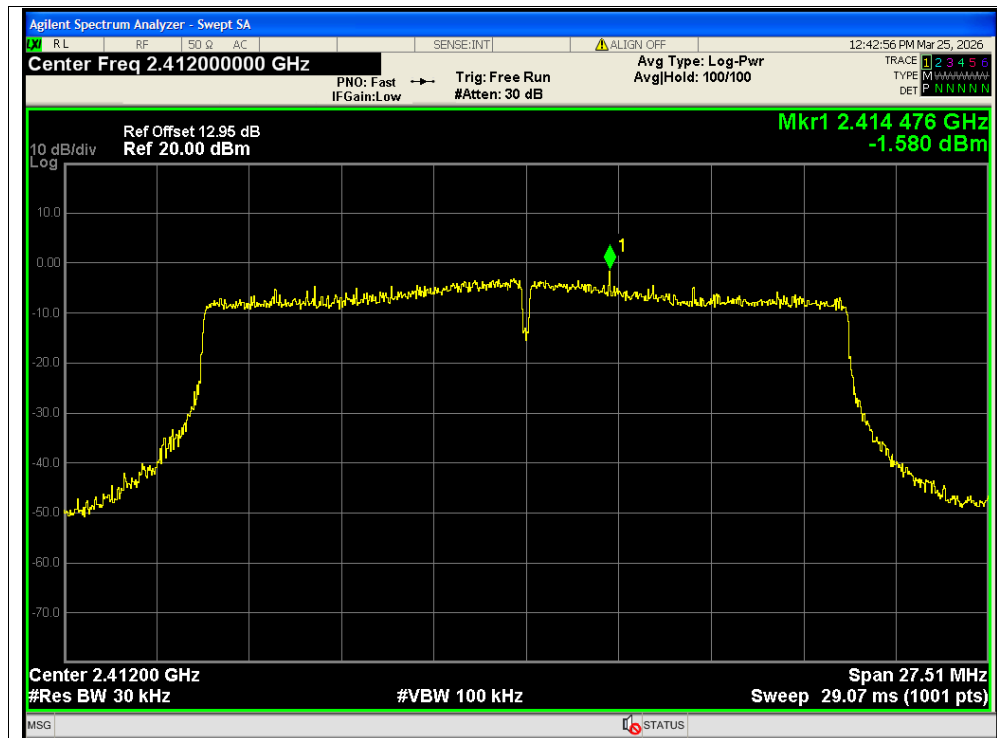
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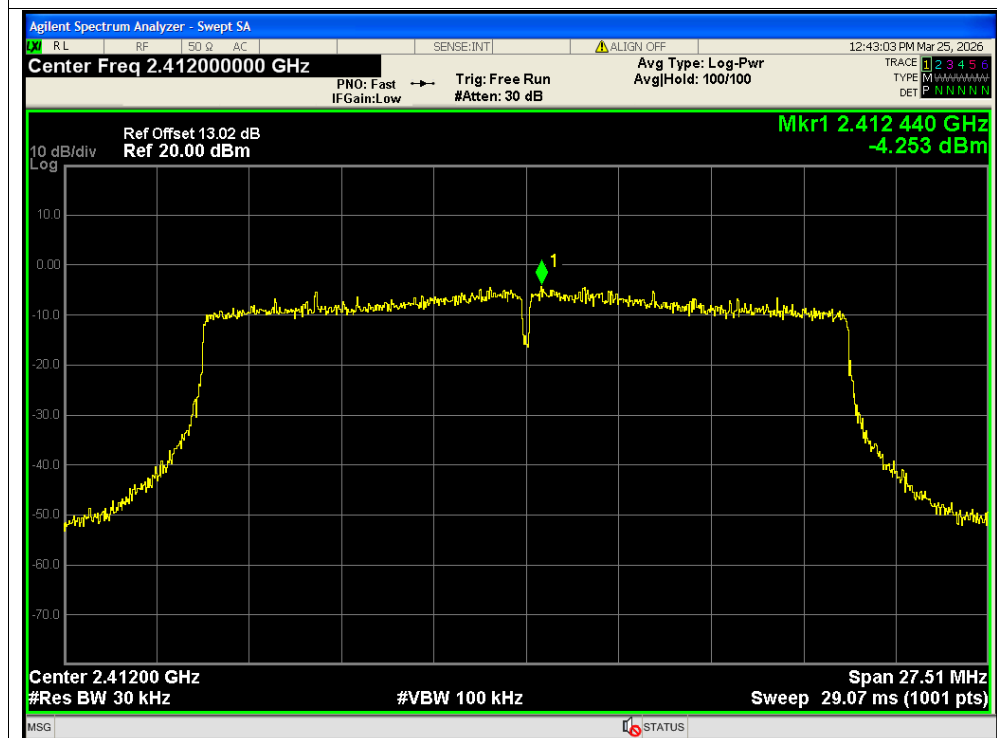
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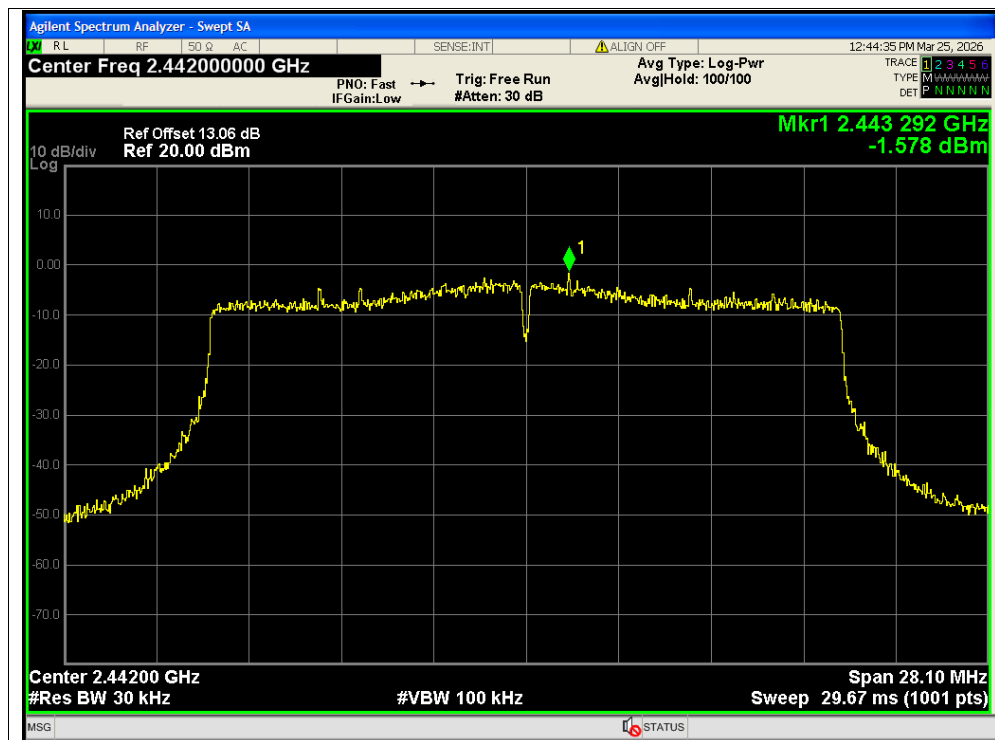
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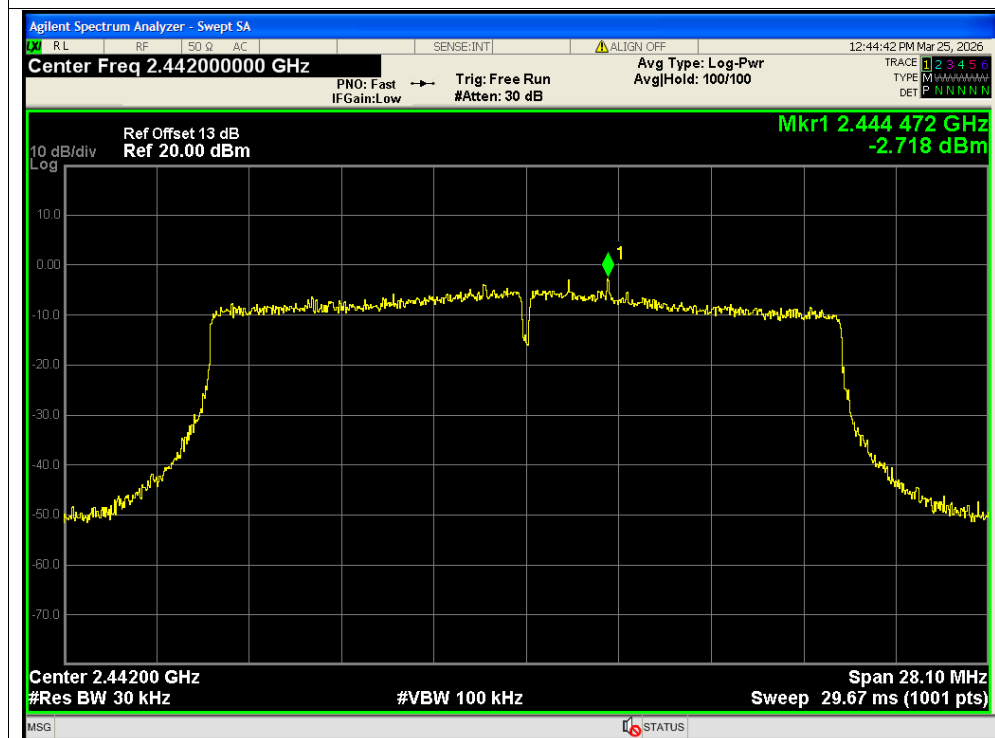
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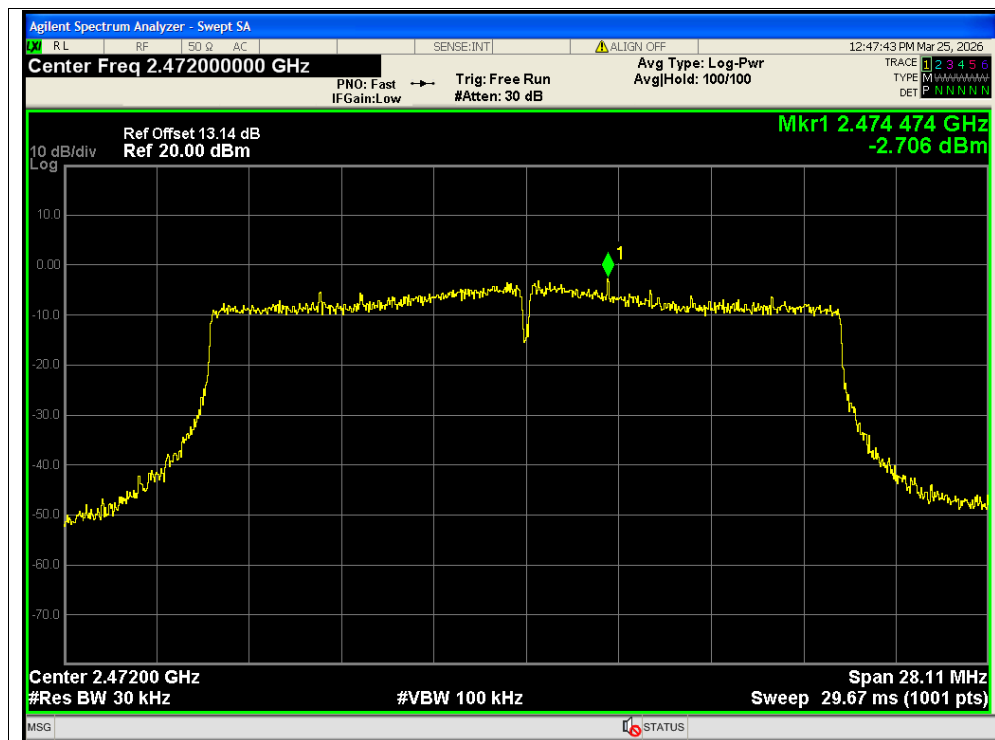
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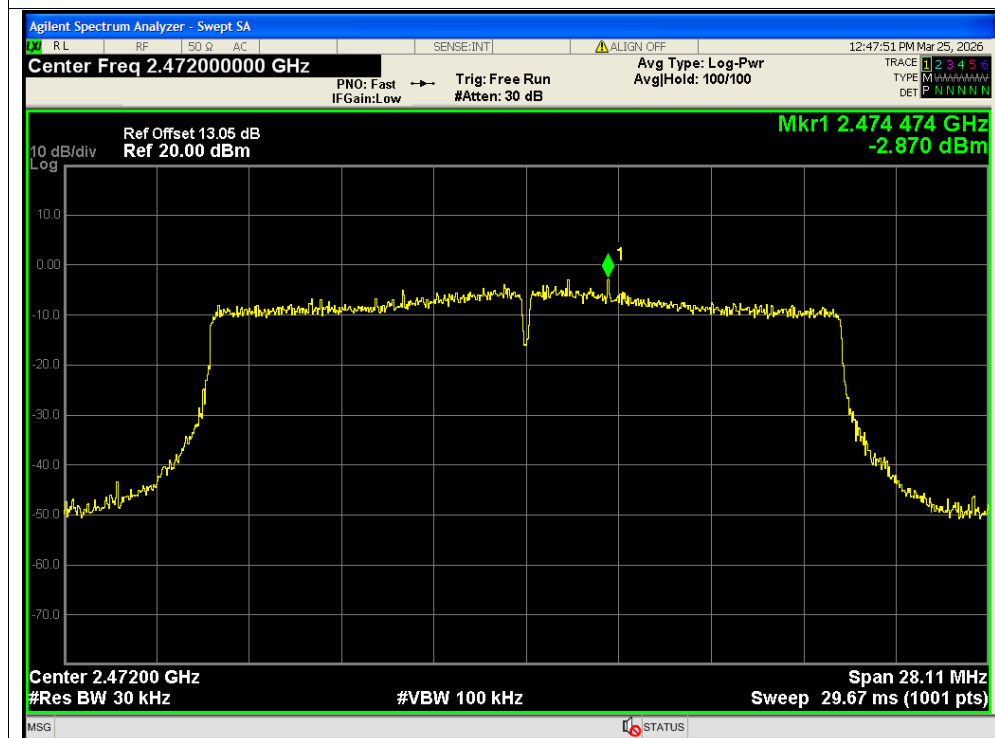
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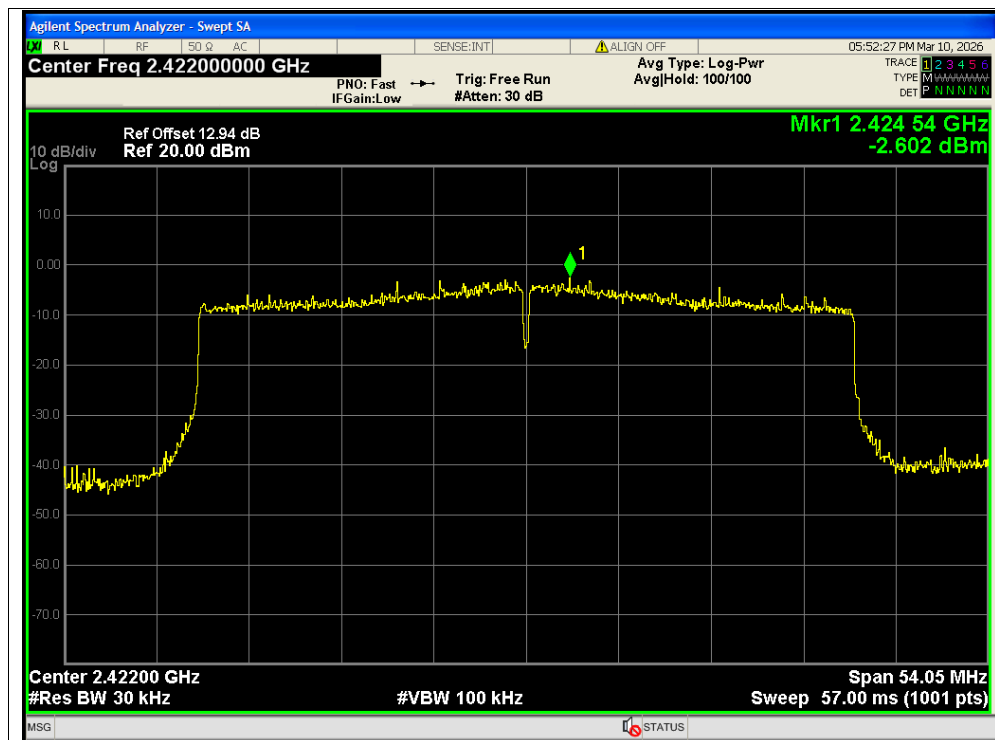
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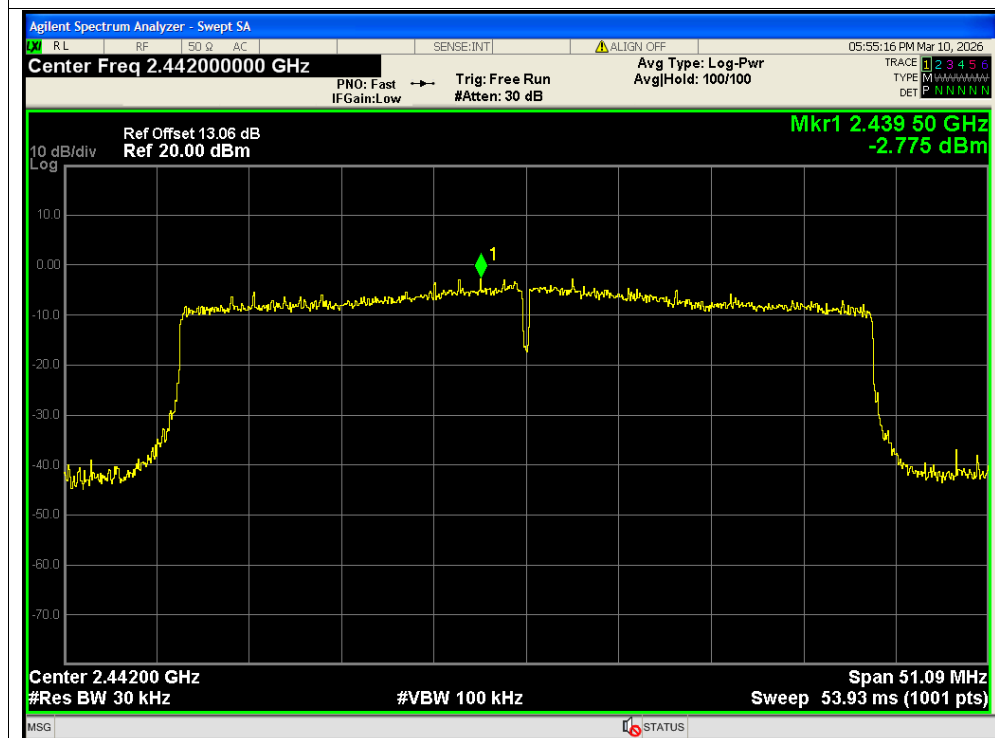
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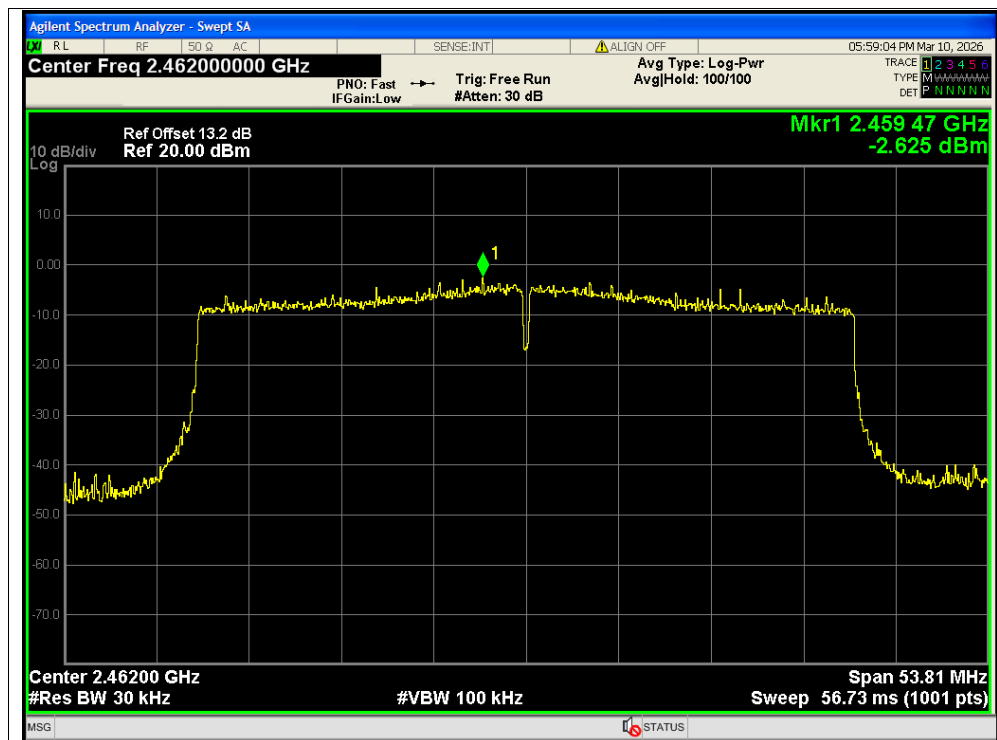
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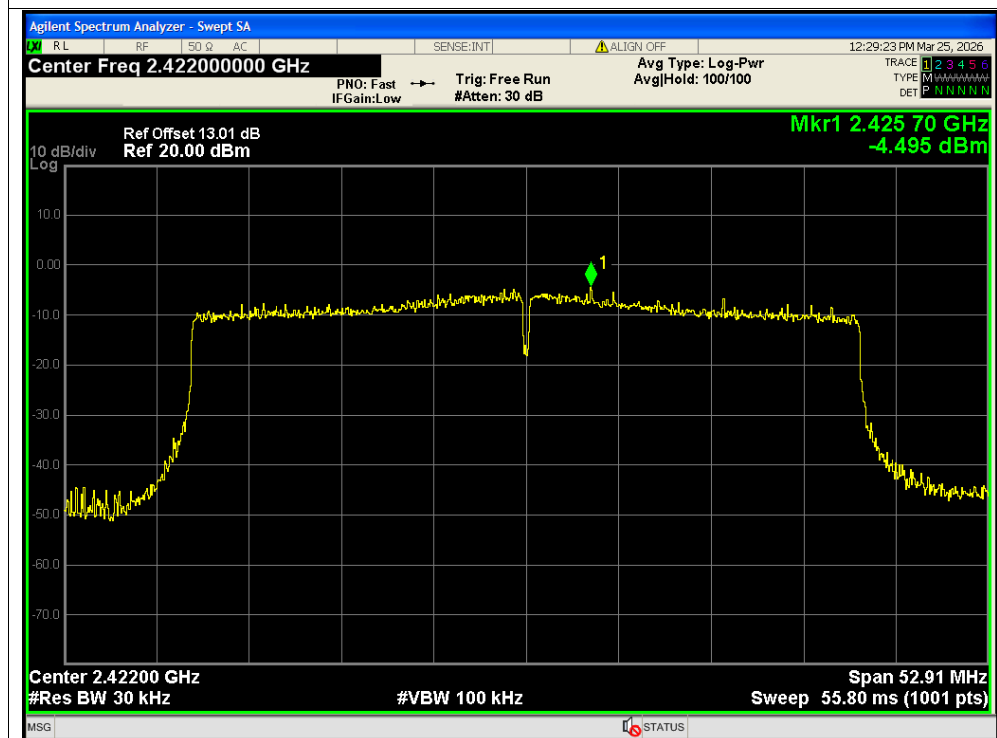
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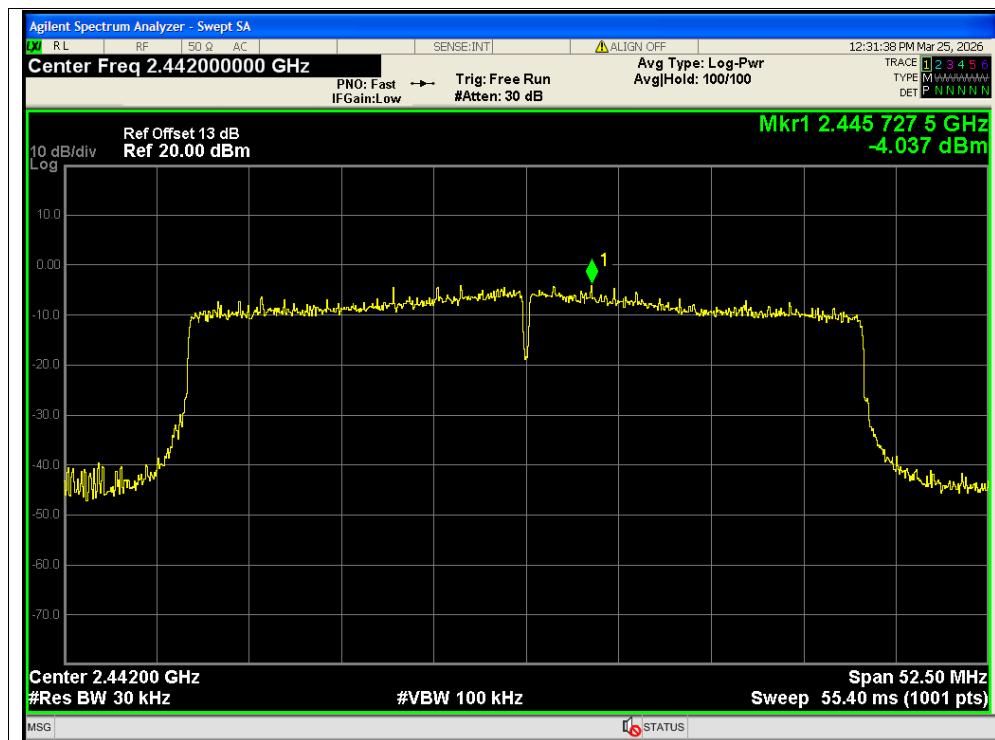
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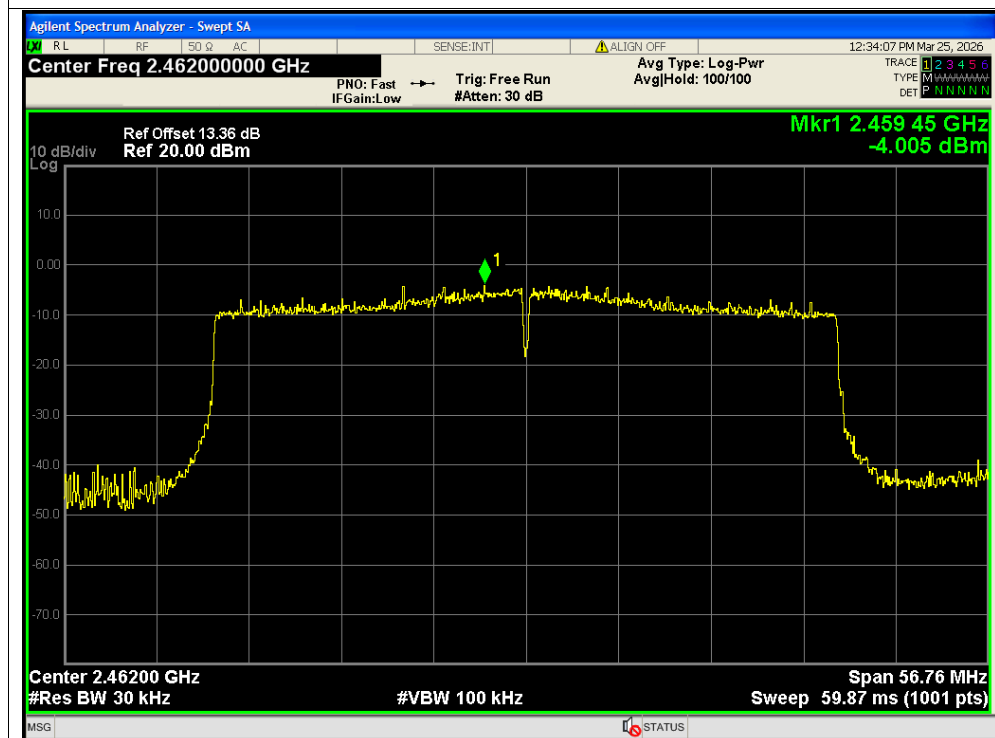
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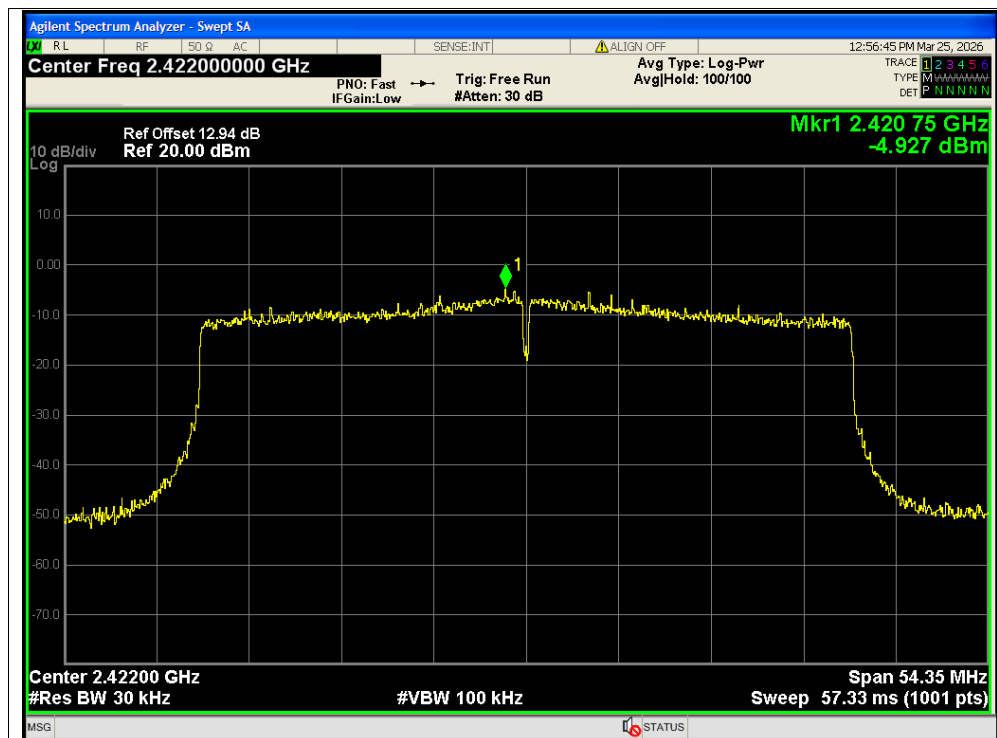
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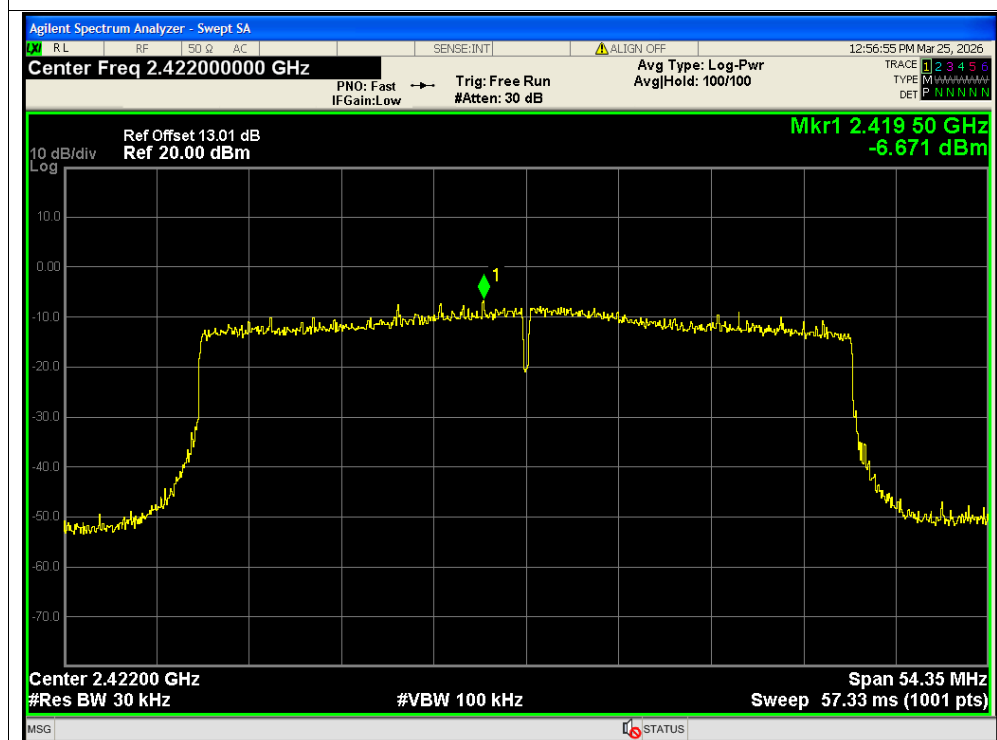
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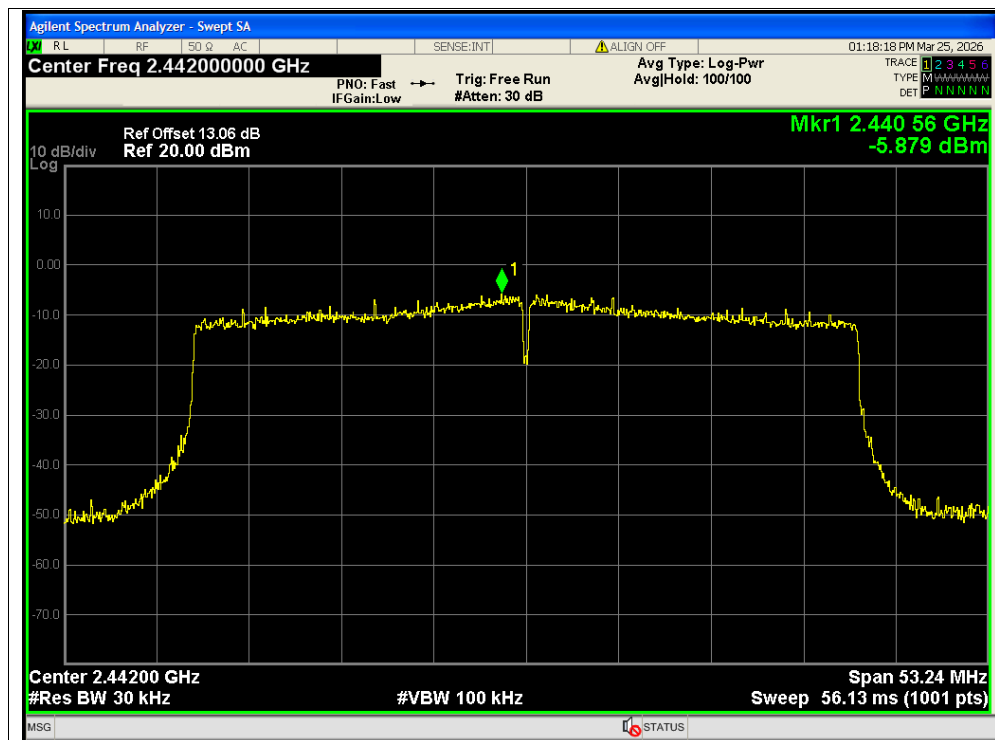
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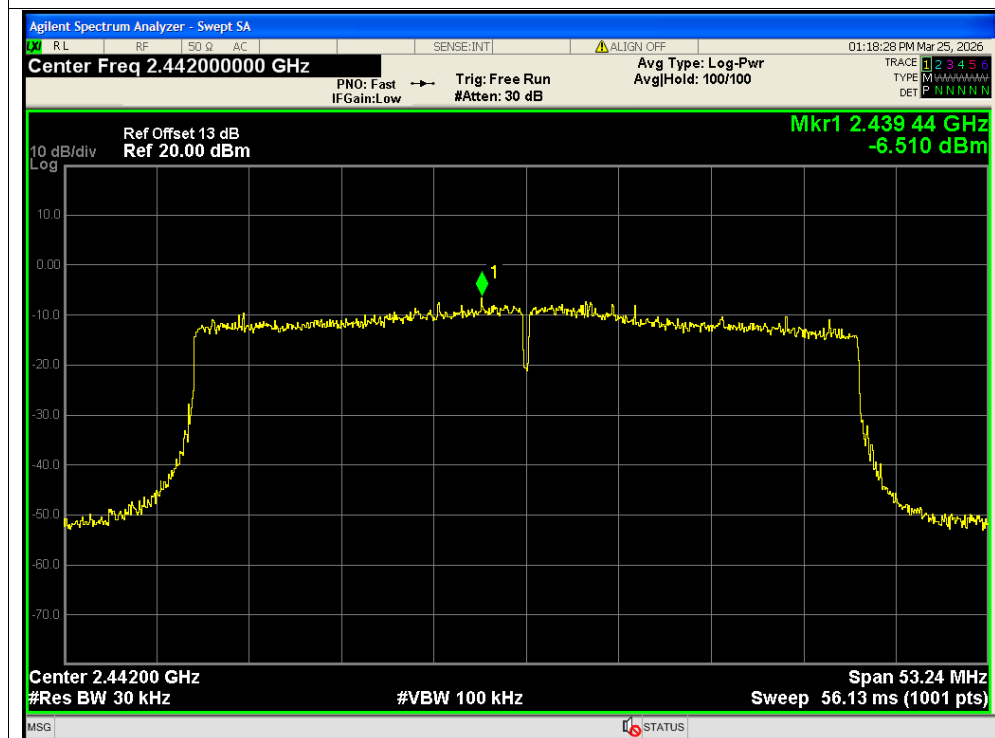
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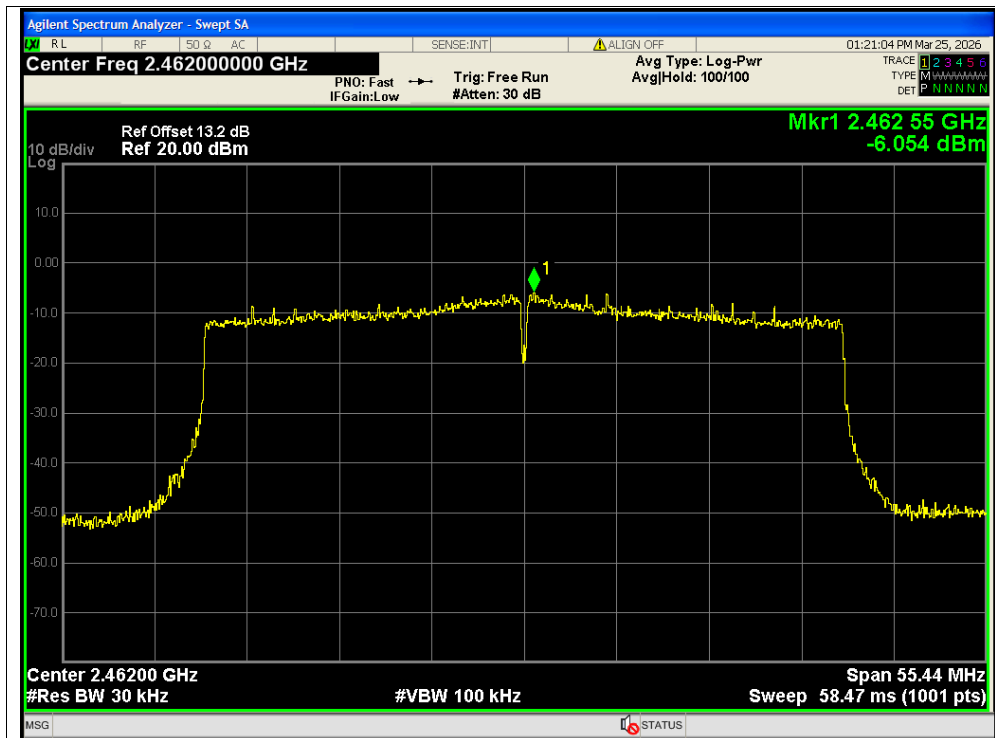
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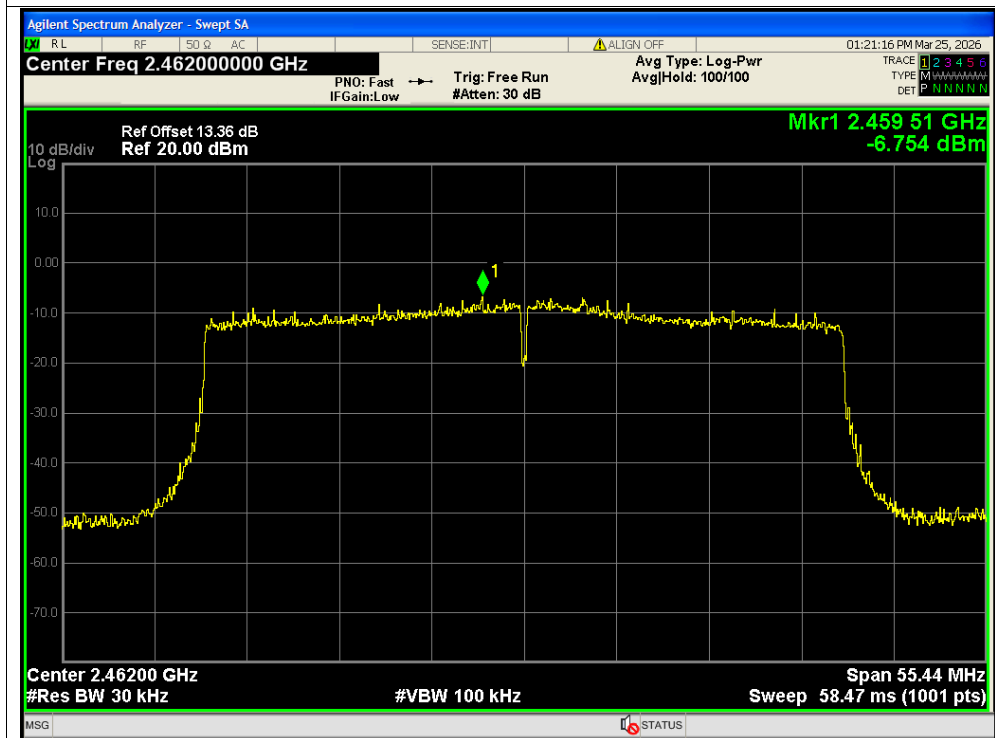
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PSD NVNT ax40 2442MHz Ant2 MIMO



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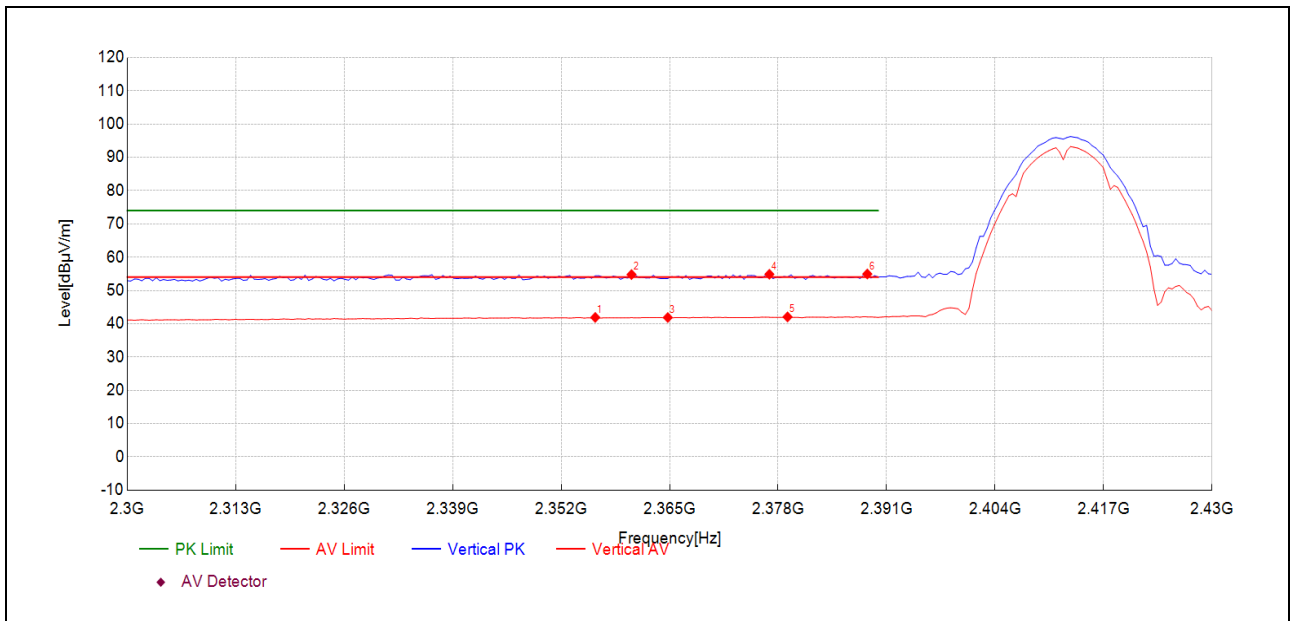
A.8. Restricted Frequency Bands

Note 1: Restricted Frequency Bands were performed when antenna was at vertical and horizontal polarity, and only the worse test condition 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

Plot for Channel 1



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2356.09	9.5	41.89	32.420	54.00	12.11	165	320	AV	PASS
2360.43	22.3	54.78	32.440	74.00	19.22	165	0	PK	PASS
2364.78	9.4	41.87	32.450	54.00	12.13	165	0	AV	PASS
2376.96	22.4	54.86	32.490	74.00	19.14	165	140	PK	PASS
2379.13	9.5	42.04	32.510	54.00	11.96	165	159	AV	PASS
2388.70	22.4	54.95	32.540	74.00	19.05	165	245	PK	PASS