

NVNT	ax40	6165	AntB	-7.81	0.8	-7.01	-1	Pass
NVNT	ax40	6405	AntB	-8.5	0.8	-7.7	-1	Pass
NVNT	ax40	6445	AntB	-9.04	0.8	-8.24	-1	Pass
NVNT	ax40	6485	AntB	-9.86	0.8	-9.06	-1	Pass
NVNT	ax40	6525	AntB	-9.69	0.8	-8.89	-1	Pass
NVNT	ax40	6565	AntB	-7.75	0.8	-6.95	-1	Pass
NVNT	ax40	6685	AntB	-9.27	0.8	-8.47	-1	Pass
NVNT	ax40	6845	AntB	-7.51	0.8	-6.71	-1	Pass
NVNT	ax40	6885	AntB	-7.15	0.8	-6.35	-1	Pass
NVNT	ax40	6925	AntB	-6.83	0.8	-6.03	-1	Pass
NVNT	ax40	6965	AntB	-6.99	0.8	-6.19	-1	Pass
NVNT	ax40	7085	AntB	-8.82	0.8	-8.02	-1	Pass
NVNT	ax80	5985	AntA	-10.29	0.8	-9.49	-1	Pass
NVNT	ax80	6145	AntA	-11.46	0.8	-10.66	-1	Pass
NVNT	ax80	6385	AntA	-12.37	0.8	-11.57	-1	Pass
NVNT	ax80	6465	AntA	-13.5	0.8	-12.7	-1	Pass
NVNT	ax80	6545	AntA	-12.5	0.8	-11.7	-1	Pass
NVNT	ax80	6625	AntA	-11.47	0.8	-10.67	-1	Pass
NVNT	ax80	6705	AntA	-13.07	0.8	-12.27	-1	Pass
NVNT	ax80	6785	AntA	-11.88	0.8	-11.08	-1	Pass
NVNT	ax80	6865	AntA	-11.99	0.8	-11.19	-1	Pass
NVNT	ax80	6945	AntA	-10.52	0.8	-9.72	-1	Pass
NVNT	ax80	7025	AntA	-12.35	0.8	-11.55	-1	Pass
NVNT	ax80	5985	AntB	-11.58	0.8	-10.78	-1	Pass
NVNT	ax80	6145	AntB	-11.47	0.8	-10.67	-1	Pass
NVNT	ax80	6385	AntB	-13.22	0.8	-12.42	-1	Pass
NVNT	ax80	6465	AntB	-14.07	0.8	-13.27	-1	Pass
NVNT	ax80	6545	AntB	-12.43	0.8	-11.63	-1	Pass
NVNT	ax80	6625	AntB	-11.42	0.8	-10.62	-1	Pass
NVNT	ax80	6705	AntB	-13.14	0.8	-12.34	-1	Pass
NVNT	ax80	6785	AntB	-10.68	0.8	-9.88	-1	Pass
NVNT	ax80	6865	AntB	-11.1	0.8	-10.3	-1	Pass
NVNT	ax80	6945	AntB	-10.55	0.8	-9.75	-1	Pass
NVNT	ax80	7025	AntB	-13.02	0.8	-12.22	-1	Pass
NVNT	ax160	6025	AntA	-11.62	0.8	-10.82	-1	Pass
NVNT	ax160	6185	AntA	-12.62	0.8	-11.82	-1	Pass
NVNT	ax160	6345	AntA	-12.46	0.8	-11.66	-1	Pass
NVNT	ax160	6505	AntA	-14.77	0.8	-13.97	-1	Pass
NVNT	ax160	6665	AntA	-14.5	0.8	-13.7	-1	Pass
NVNT	ax160	6825	AntA	-15.54	0.8	-14.74	-1	Pass
NVNT	ax160	6985	AntA	-12.77	0.8	-11.97	-1	Pass
NVNT	ax160	6025	AntB	-11.91	0.8	-11.11	-1	Pass
NVNT	ax160	6185	AntB	-13.33	0.8	-12.53	-1	Pass
NVNT	ax160	6345	AntB	-12.9	0.8	-12.1	-1	Pass

NVNT	ax160	6505	AntB	-12.34	0.8	-11.54	-1	Pass
NVNT	ax160	6665	AntB	-12.51	0.8	-11.71	-1	Pass
NVNT	ax160	6825	AntB	-12.1	0.8	-11.3	-1	Pass
NVNT	ax160	6985	AntB	-10.9	0.8	-10.1	-1	Pass

The Duty Cycle Factor is compensated in the graph.

Condition	Mode	Frequency (MHz)	Conducted PSD (dBm) Ant A	Conducted PSD (dBm) Ant B	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	ax20	5955	-5	-4.79	-1.88	-1	Pass
NVNT	ax20	6175	-4.81	-6.11	-2.40	-1	Pass
NVNT	ax20	6415	-5.78	-6.98	-3.33	-1	Pass
NVNT	ax20	6435	-5.81	-6.72	-3.23	-1	Pass
NVNT	ax20	6475	-6.54	-7.13	-3.81	-1	Pass
NVNT	ax20	6515	-6.17	-6.48	-3.31	-1	Pass
NVNT	ax20	6535	-6.7	-5.91	-3.28	-1	Pass
NVNT	ax20	6695	-6.51	-6.75	-3.62	-1	Pass
NVNT	ax20	6855	-5.55	-5.72	-2.62	-1	Pass
NVNT	ax20	6875	-5.59	-5.65	-2.61	-1	Pass
NVNT	ax20	6895	-5.12	-6.45	-2.72	-1	Pass
NVNT	ax20	6995	-5.71	-6.13	-2.90	-1	Pass
NVNT	ax20	7115	-6.84	-7.68	-4.23	-1	Pass
NVNT	ax40	5965	-6.64	-6.36	-3.49	-1	Pass
NVNT	ax40	6165	-6.64	-7.01	-3.81	-1	Pass
NVNT	ax40	6405	-8.16	-7.7	-4.91	-1	Pass
NVNT	ax40	6445	-7.5	-8.24	-4.84	-1	Pass
NVNT	ax40	6485	-8.27	-9.06	-5.64	-1	Pass
NVNT	ax40	6525	-8.96	-8.89	-5.91	-1	Pass
NVNT	ax40	6565	-7.82	-6.95	-4.35	-1	Pass
NVNT	ax40	6685	-7.86	-8.47	-5.14	-1	Pass
NVNT	ax40	6845	-8.14	-6.71	-4.36	-1	Pass
NVNT	ax40	6885	-7.22	-6.35	-3.75	-1	Pass
NVNT	ax40	6925	-6.85	-6.03	-2.92	-1	Pass
NVNT	ax40	6965	-5.69	-6.19	-5.28	-1	Pass
NVNT	ax40	7085	-8.58	-8.02	-7.40	-1	Pass
NVNT	ax80	5985	-9.49	-11.58	-8.04	-1	Pass
NVNT	ax80	6145	-10.66	-11.47	-9.31	-1	Pass
NVNT	ax80	6385	-11.57	-13.22	-10.32	-1	Pass
NVNT	ax80	6465	-12.7	-14.07	-9.04	-1	Pass
NVNT	ax80	6545	-11.7	-12.43	-8.02	-1	Pass
NVNT	ax80	6625	-10.67	-11.42	-9.67	-1	Pass
NVNT	ax80	6705	-12.27	-13.14	-7.87	-1	Pass
NVNT	ax80	6785	-11.08	-10.68	-8.13	-1	Pass
NVNT	ax80	6865	-11.19	-11.1	-7.10	-1	Pass
NVNT	ax80	6945	-9.72	-10.55	-9.21	-1	Pass
NVNT	ax80	7025	-11.55	-13.02	-8.32	-1	Pass
NVNT	ax160	6025	-10.82	-11.91	-9.50	-1	Pass
NVNT	ax160	6185	-11.82	-13.33	-9.23	-1	Pass
NVNT	ax160	6345	-11.66	-12.9	-10.07	-1	Pass

NVNT	ax160	6505	-13.97	-12.34	-10.05	-1	Pass
NVNT	ax160	6665	-13.7	-12.51	-10.21	-1	Pass
NVNT	ax160	6825	-14.74	-12.1	-8.39	-1	Pass
NVNT	ax160	6985	-11.97	-10.9	-2.92	-1	Pass

Note:

Antenna A gain: 0.8 dBi, Antenna B gain: 0.8dBi

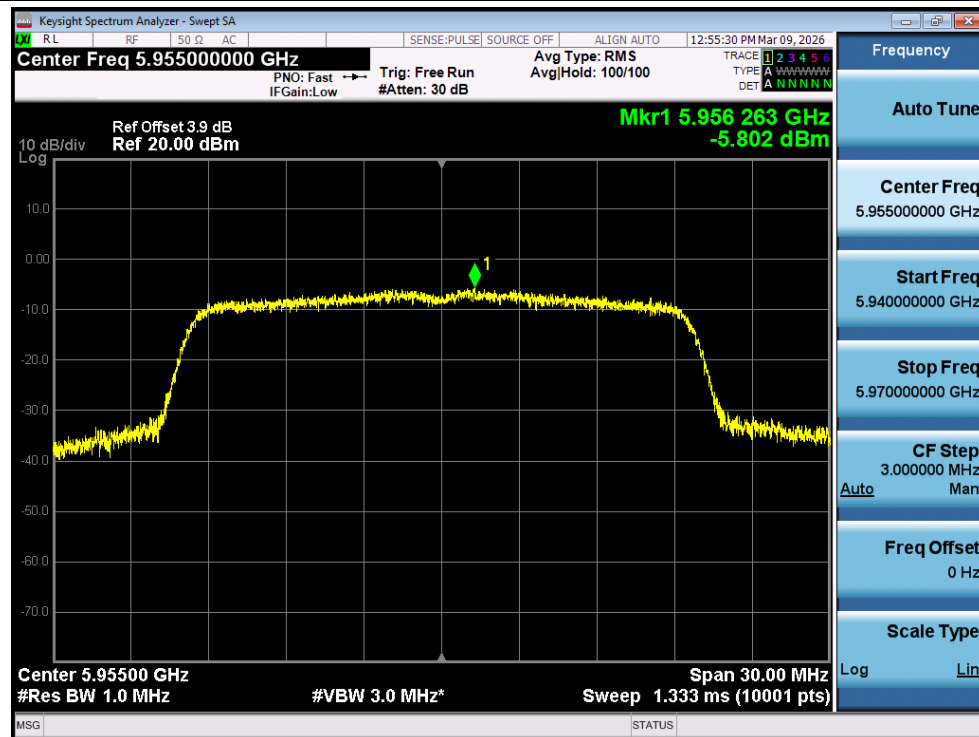
For power spectral density(PSD) measurements,

Array Gain= $10\log(\text{NANT})\text{dB}=10\log(2)=3.01\text{ dBi}$,

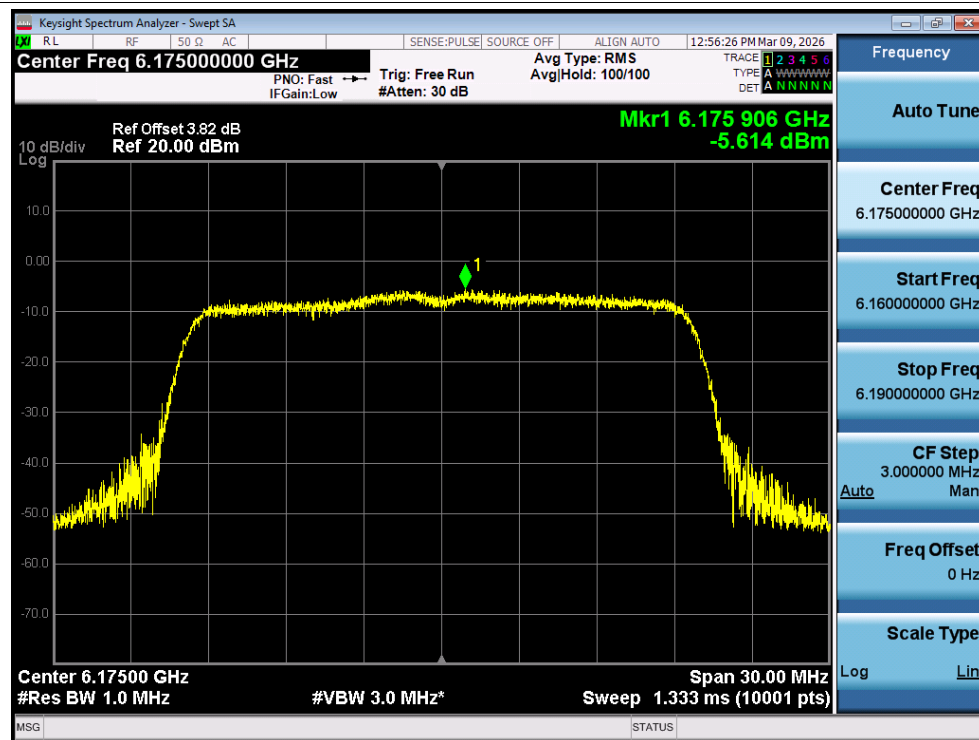
So the directional gain for PSD is 3.81 dBi <6dbi

Test Graphs

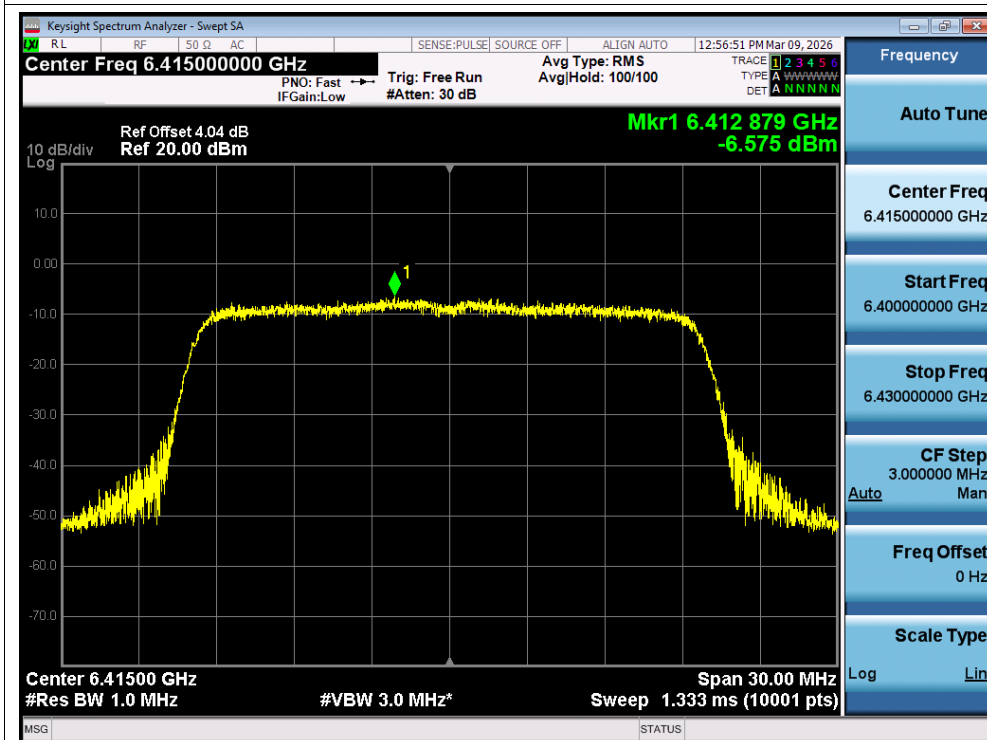
PSD NVNT ax20 5955MHz AntA



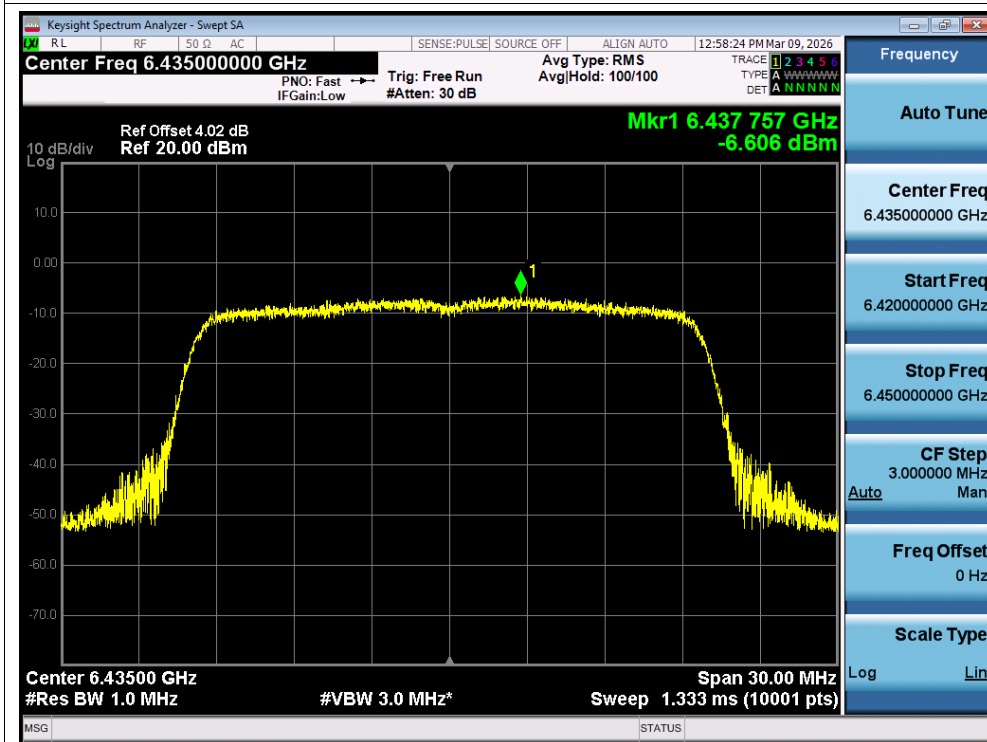
PSD NVNT ax20 6175MHz AntA



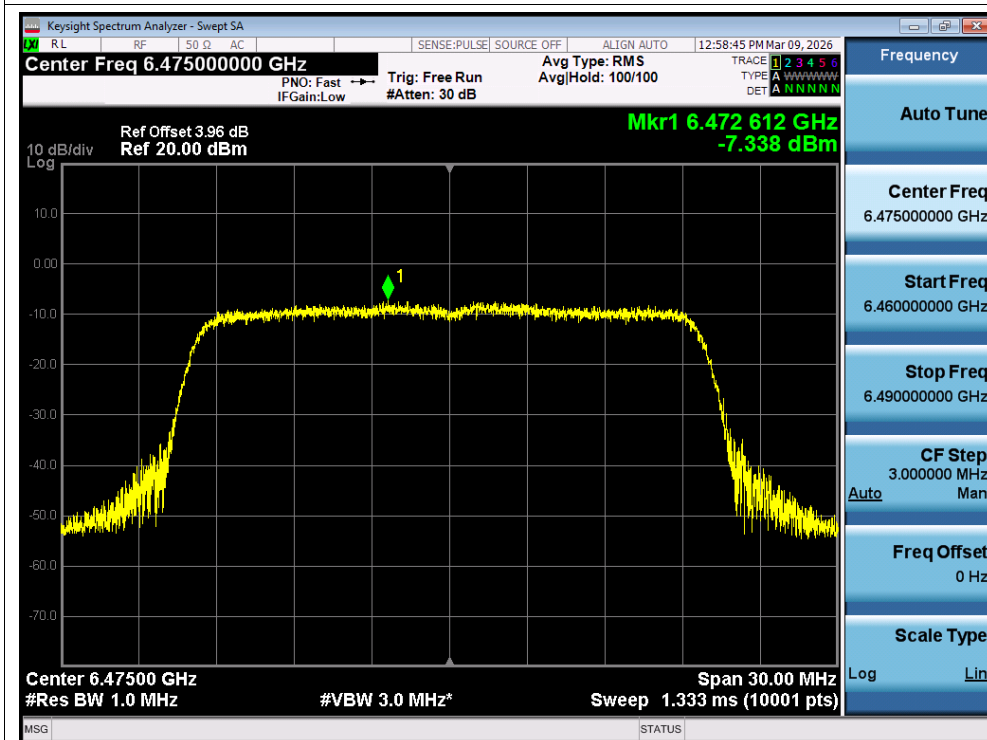
PSD NVNT ax20 6415MHz AntA



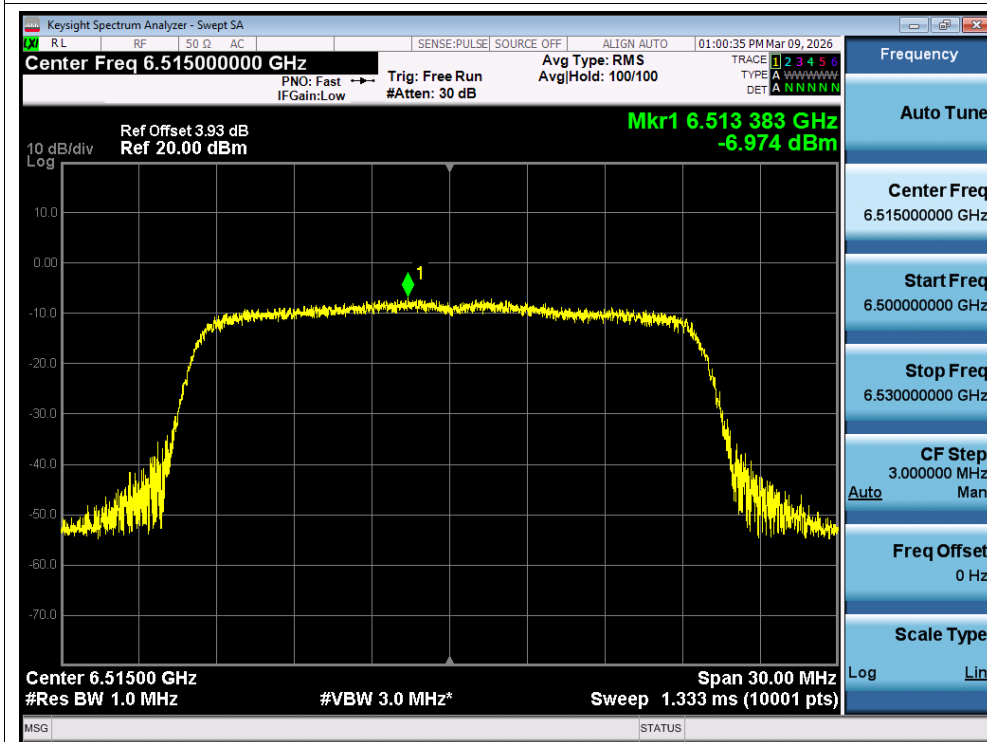
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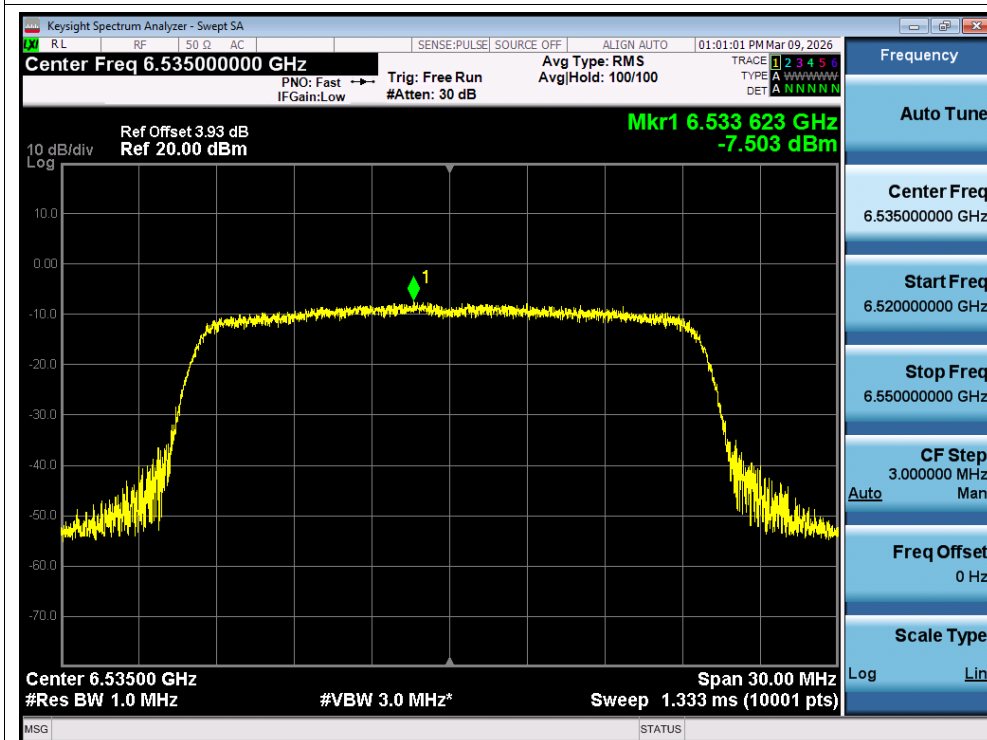
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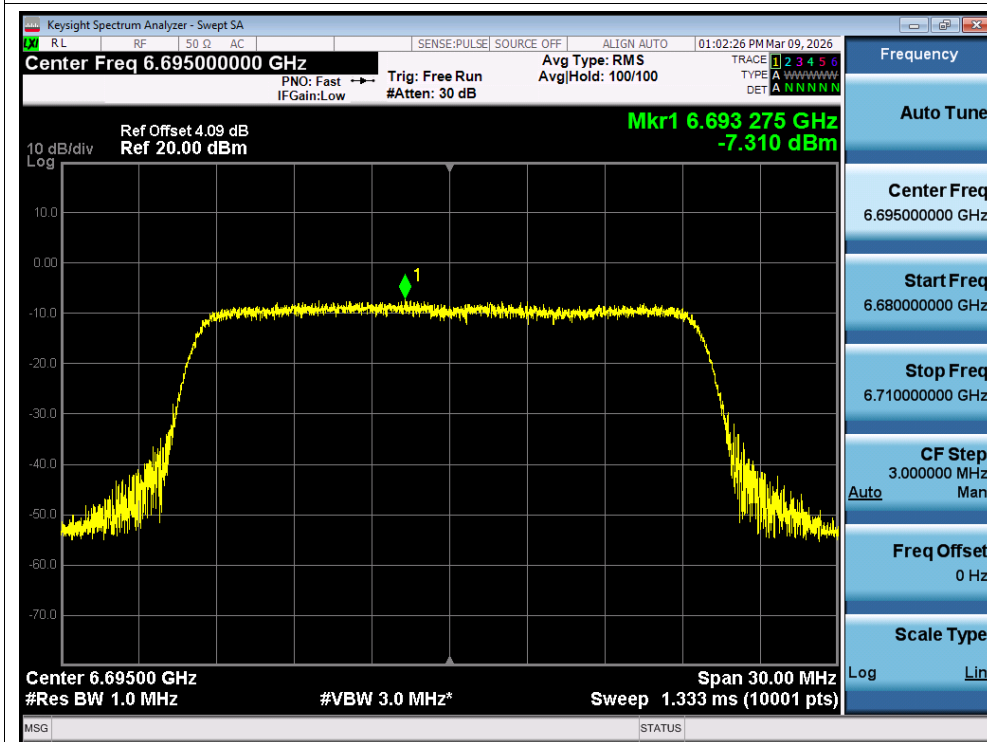
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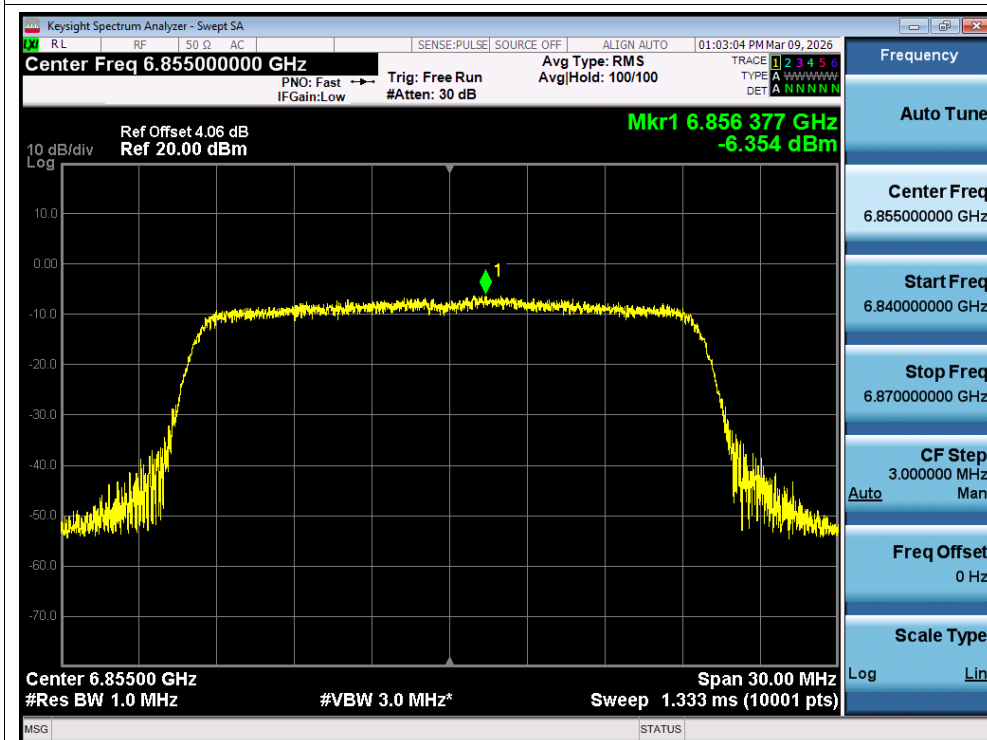
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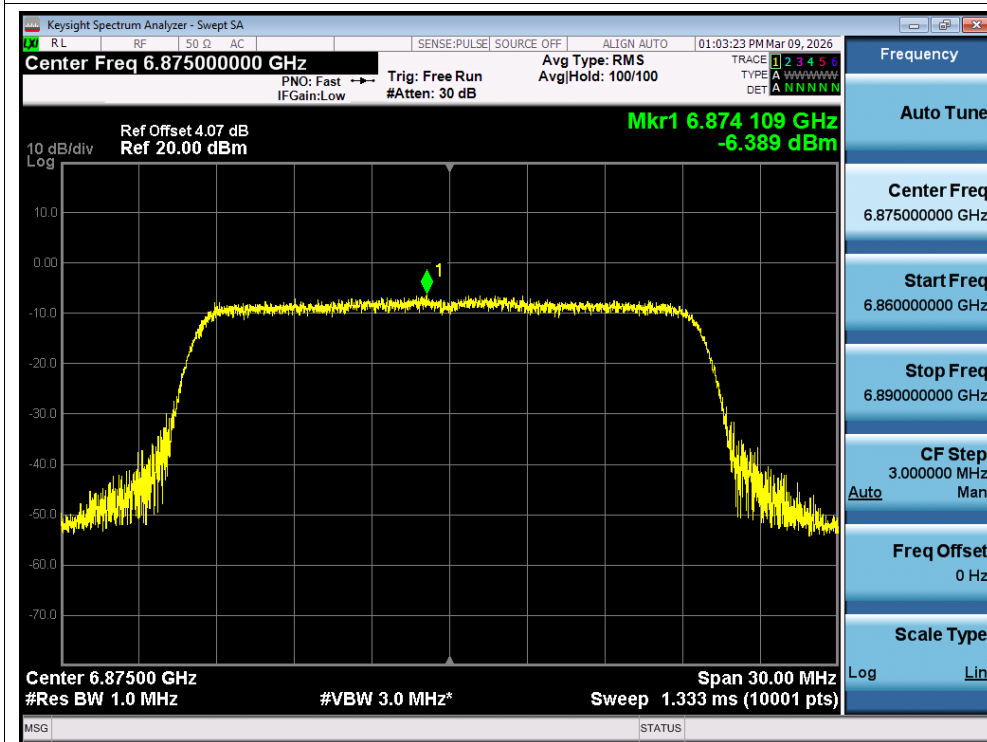
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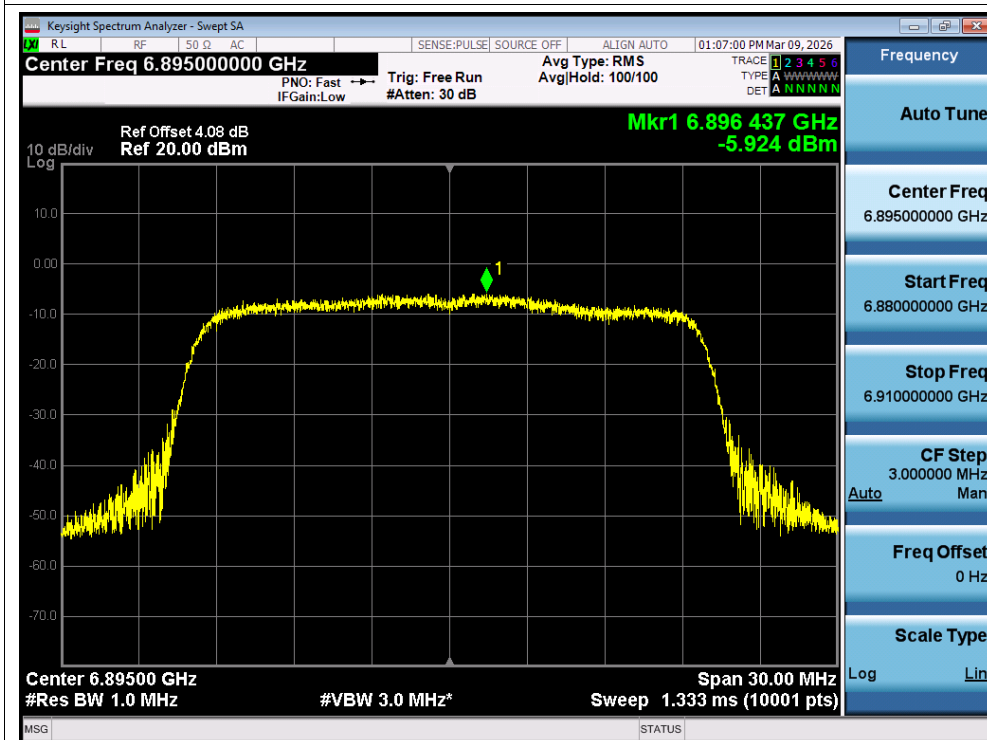
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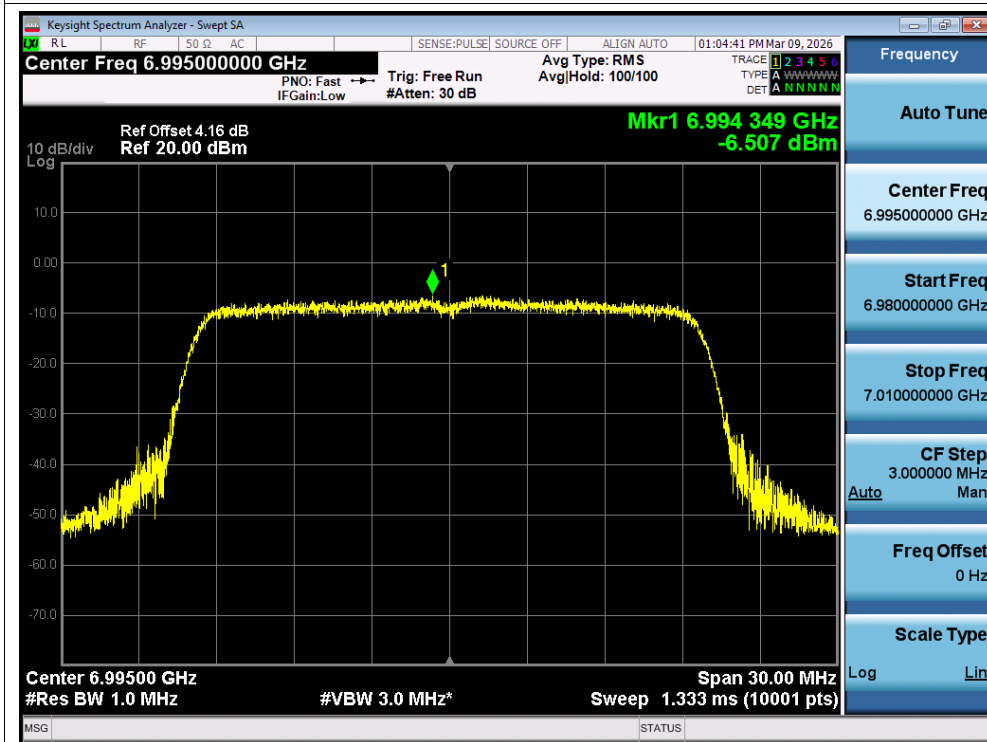
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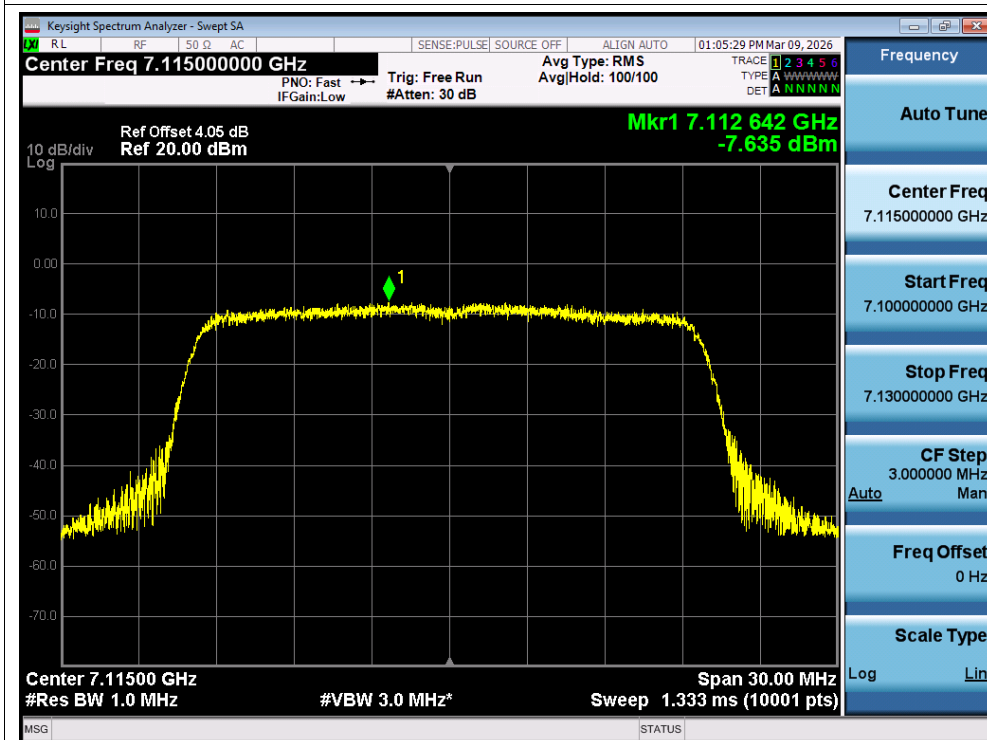
PSD NVNT ax20 6895MHz AntA



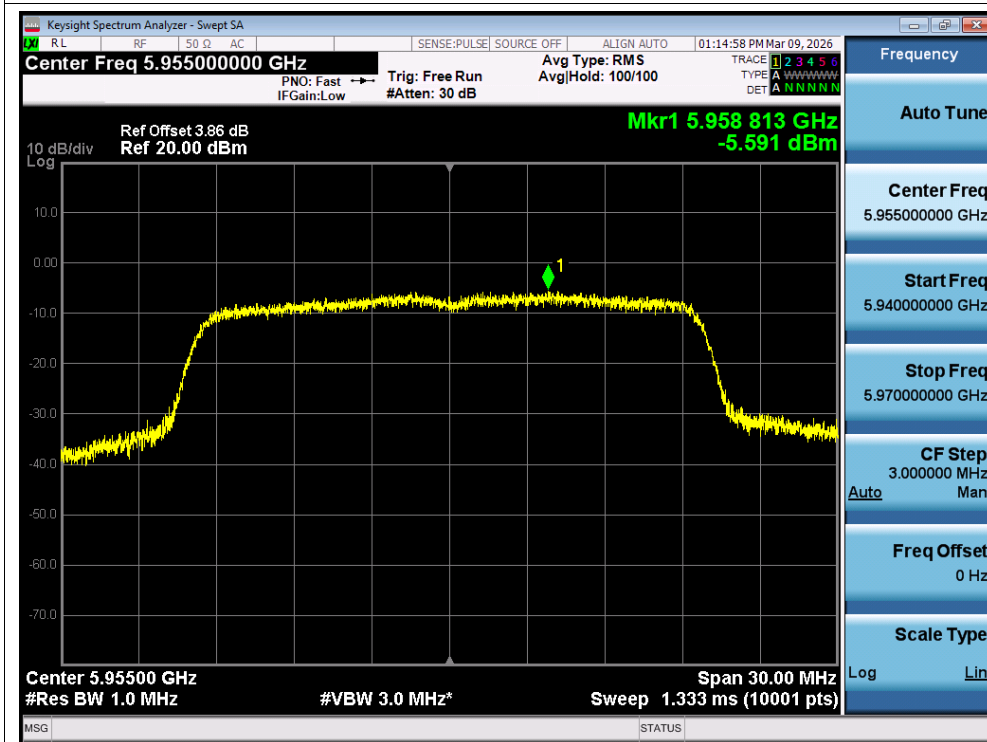
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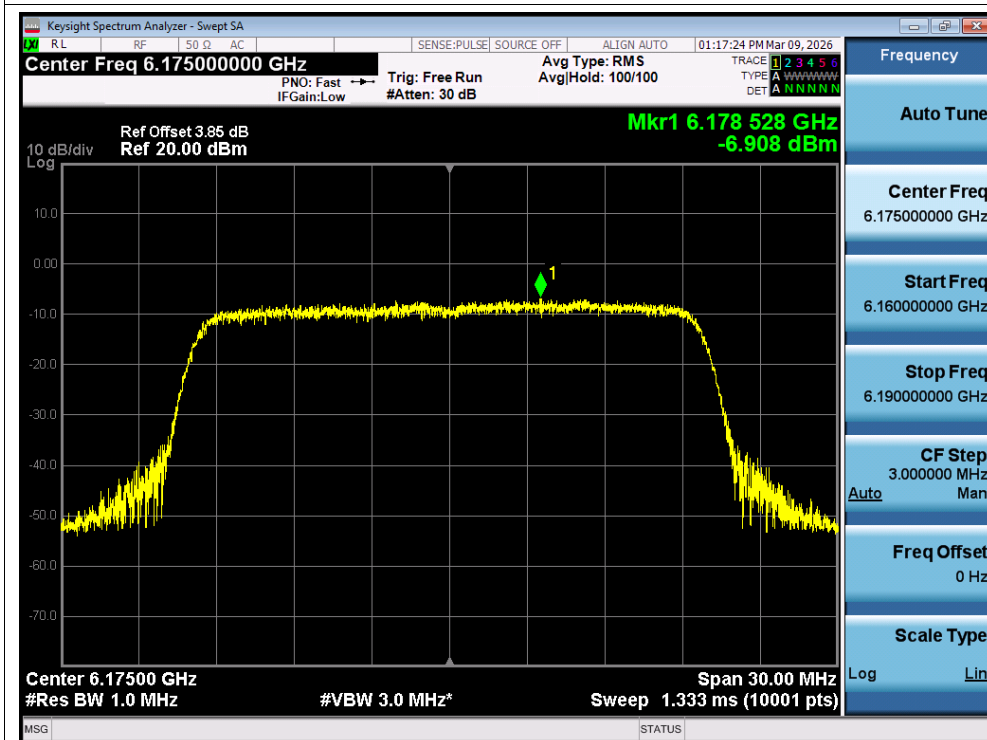
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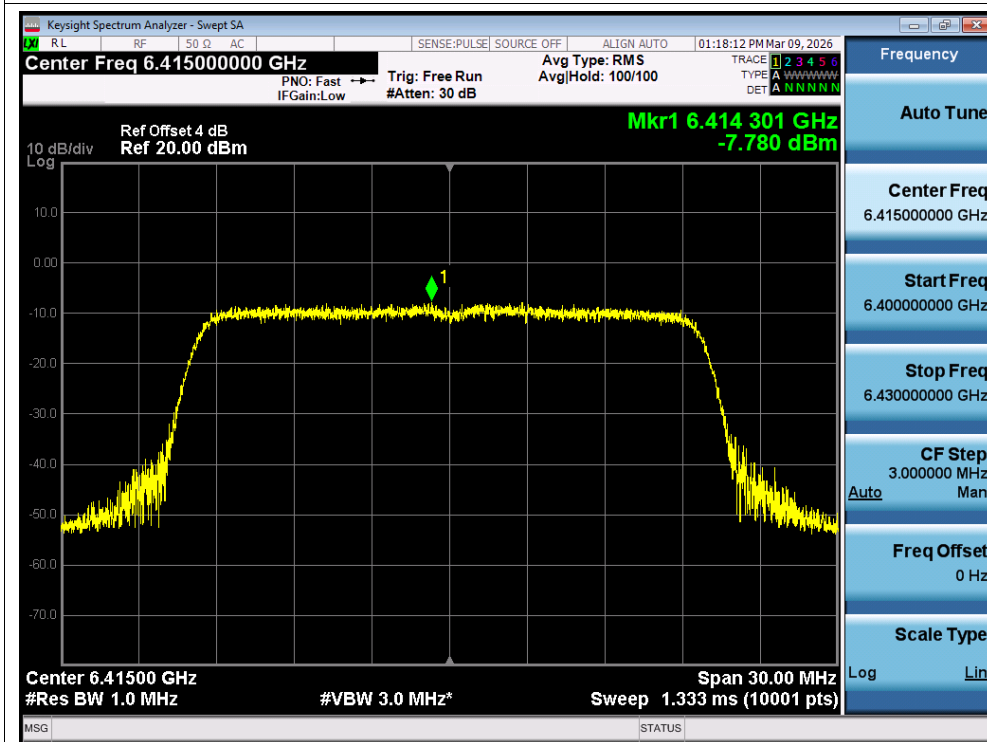
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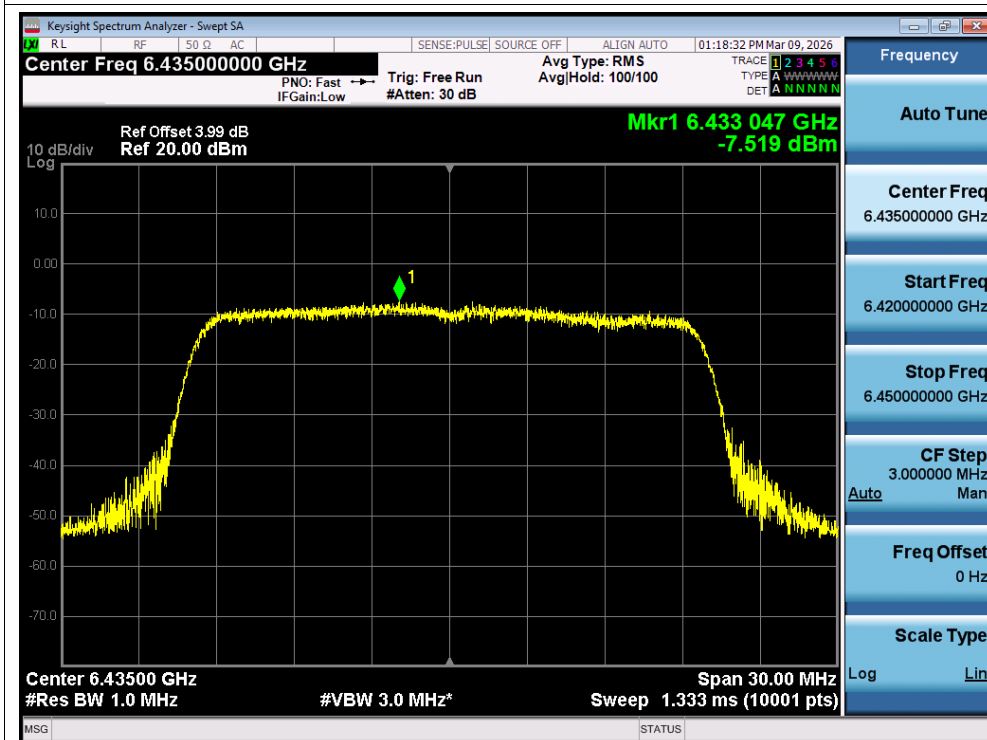
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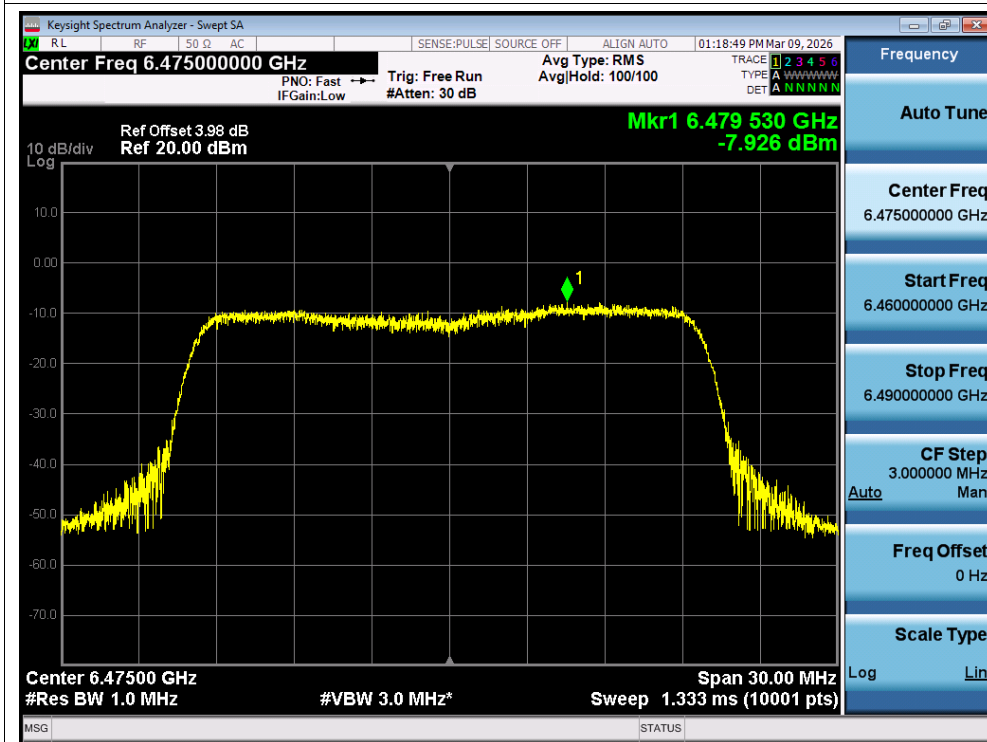
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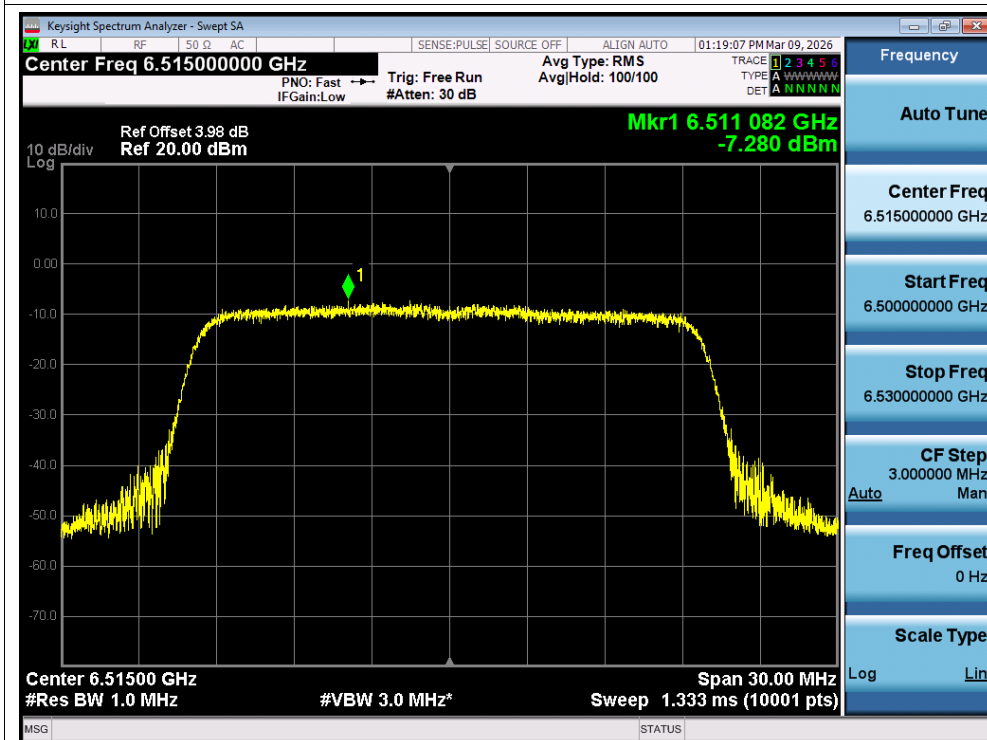
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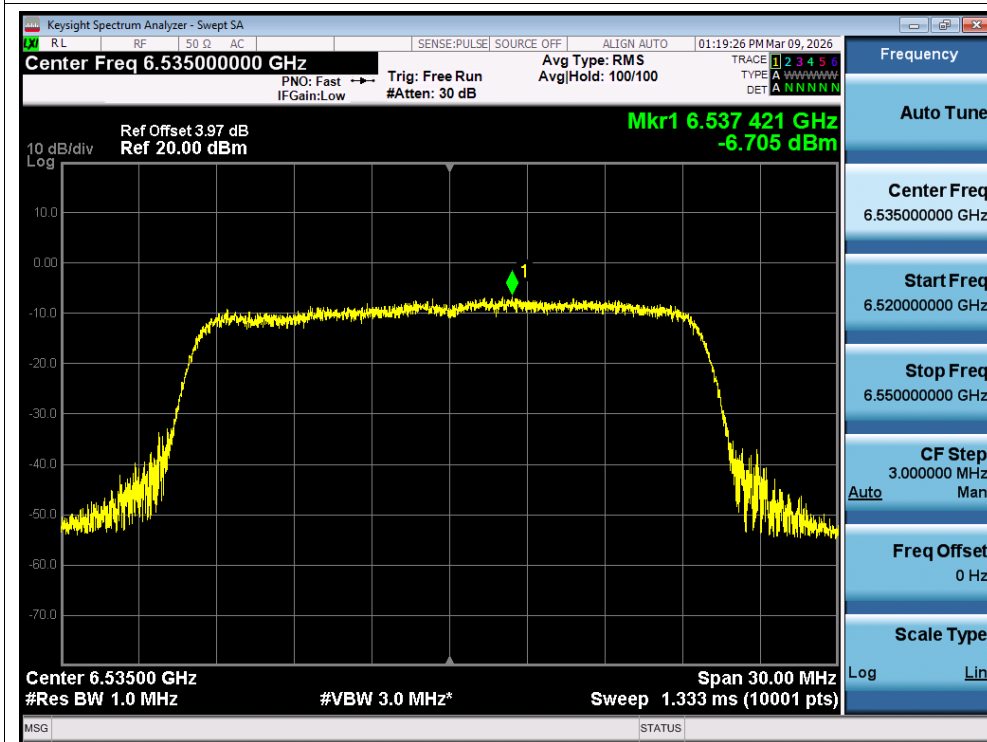
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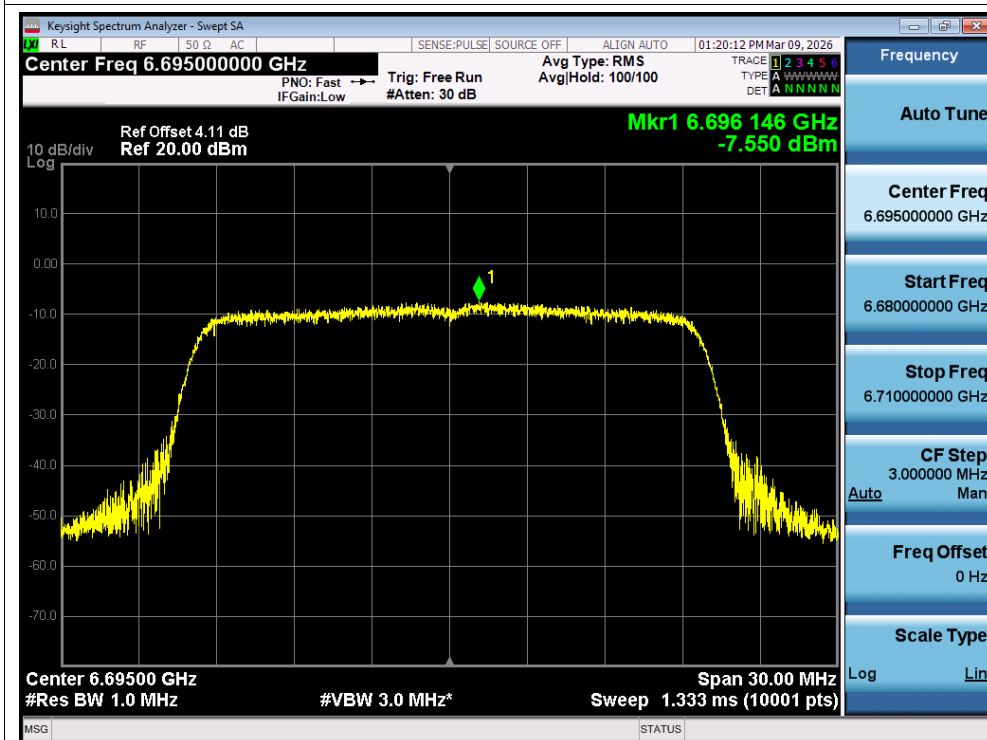
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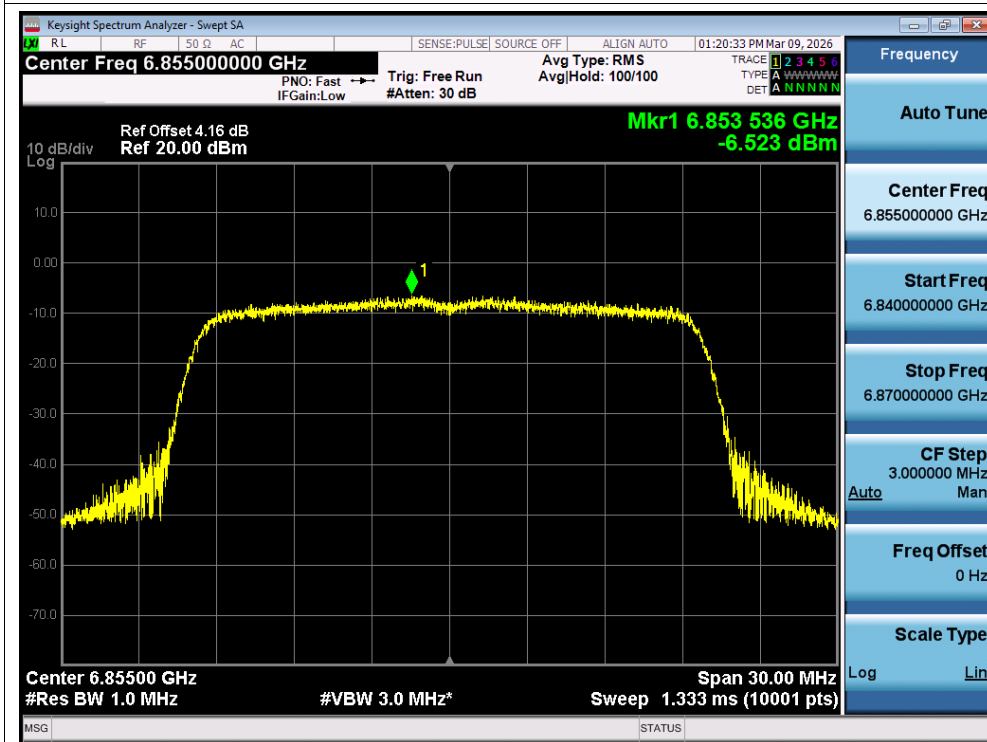
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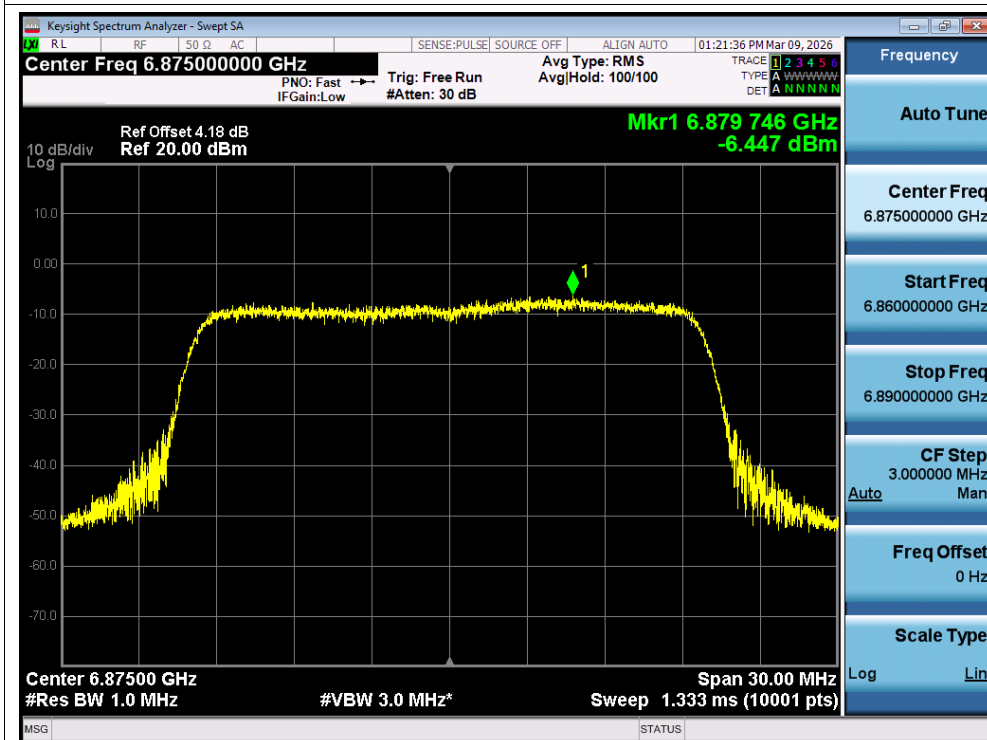
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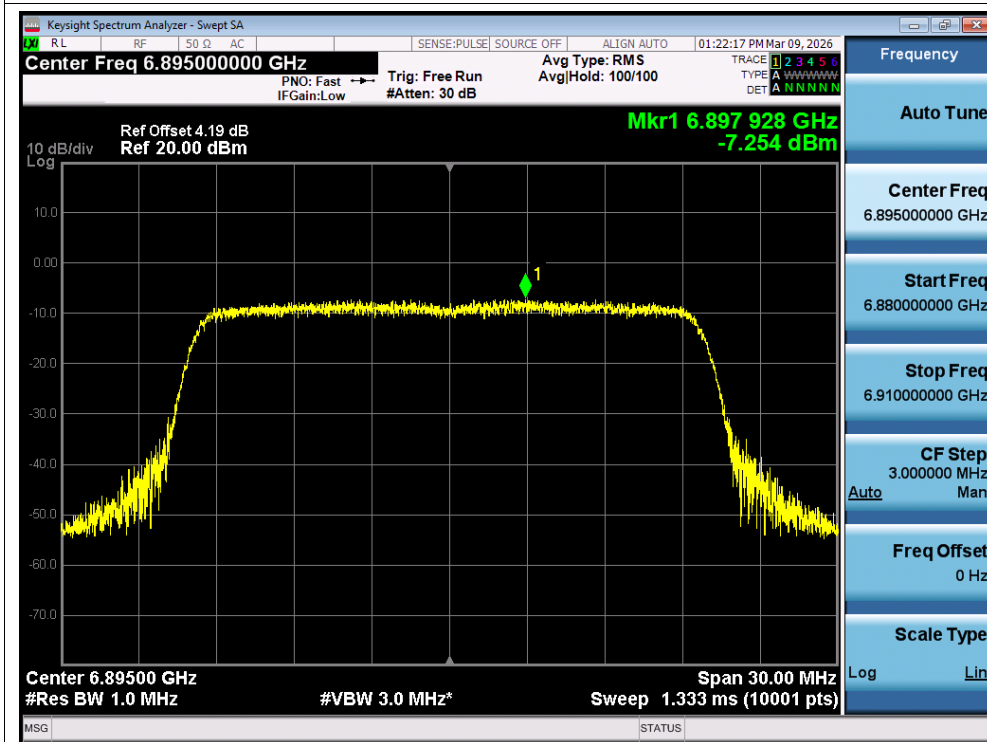
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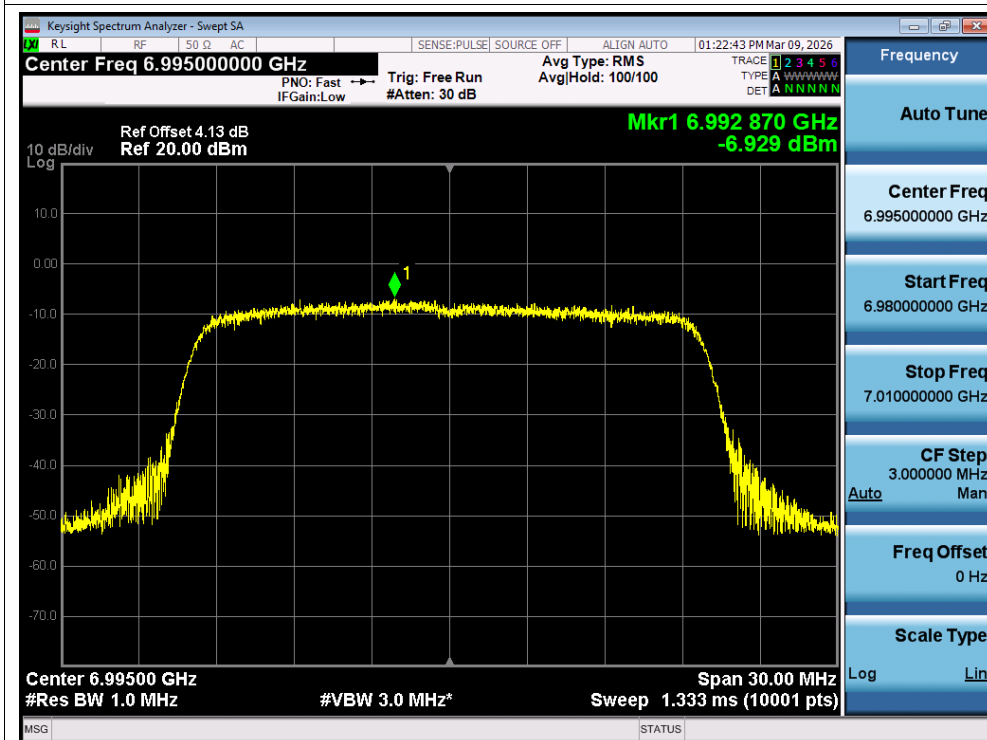
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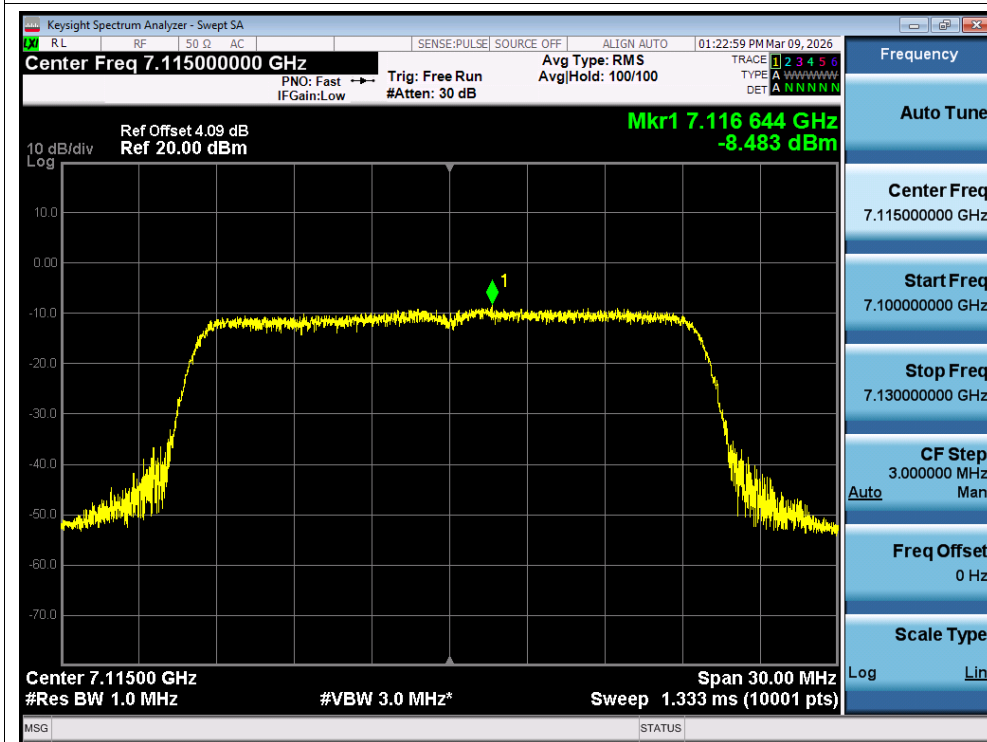
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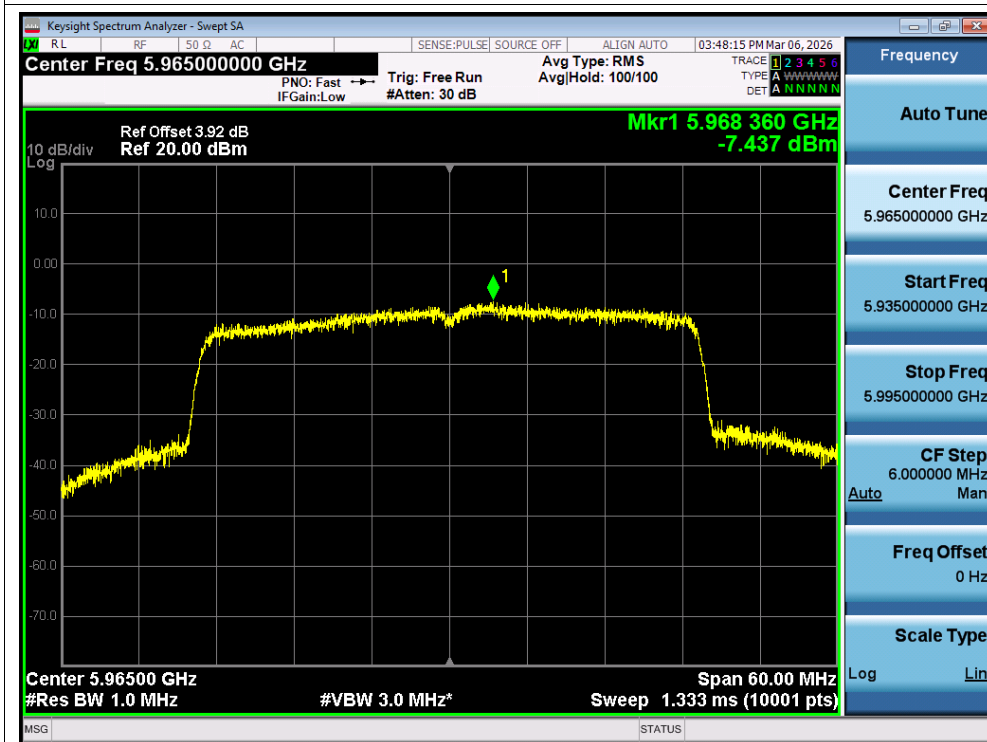
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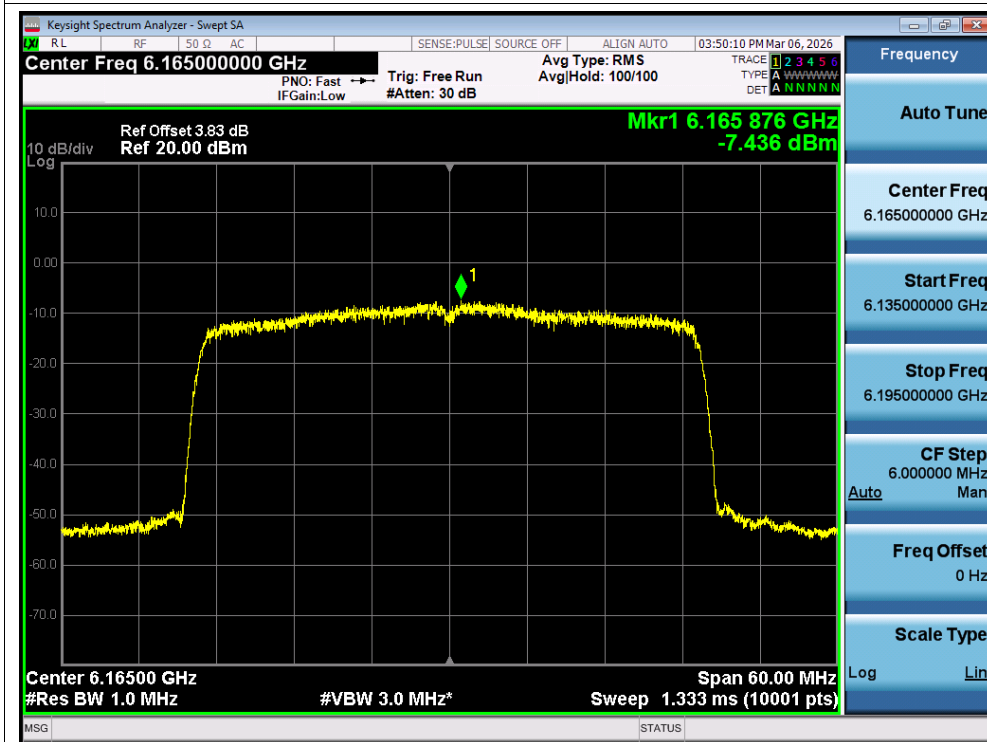
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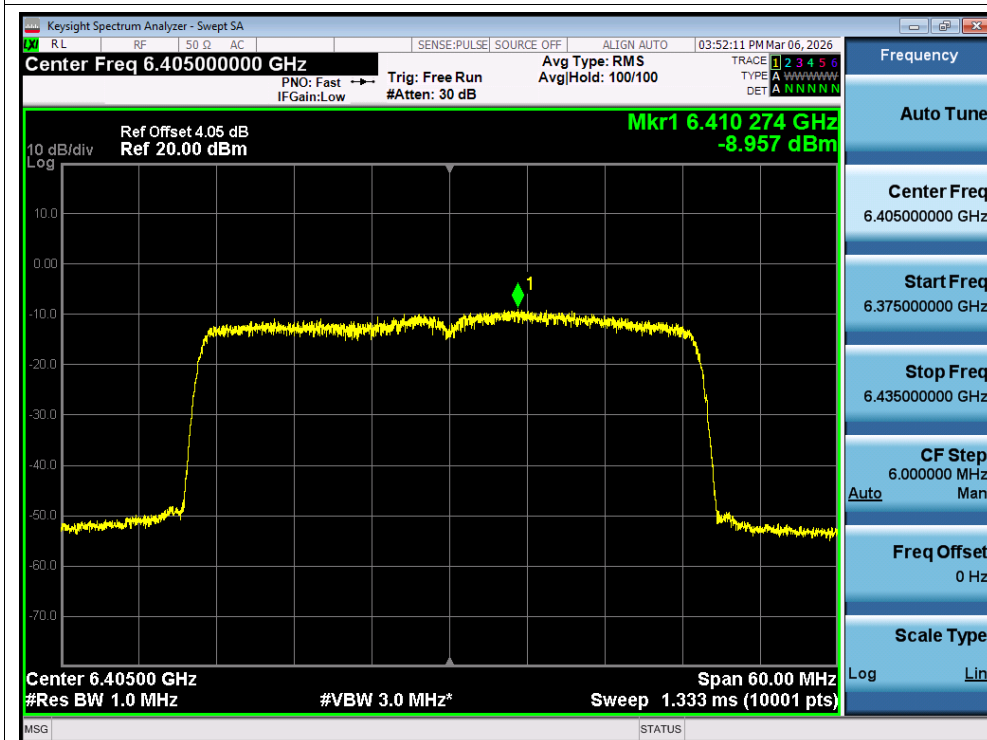
PSD NVNT ax40 5965MHz AntA



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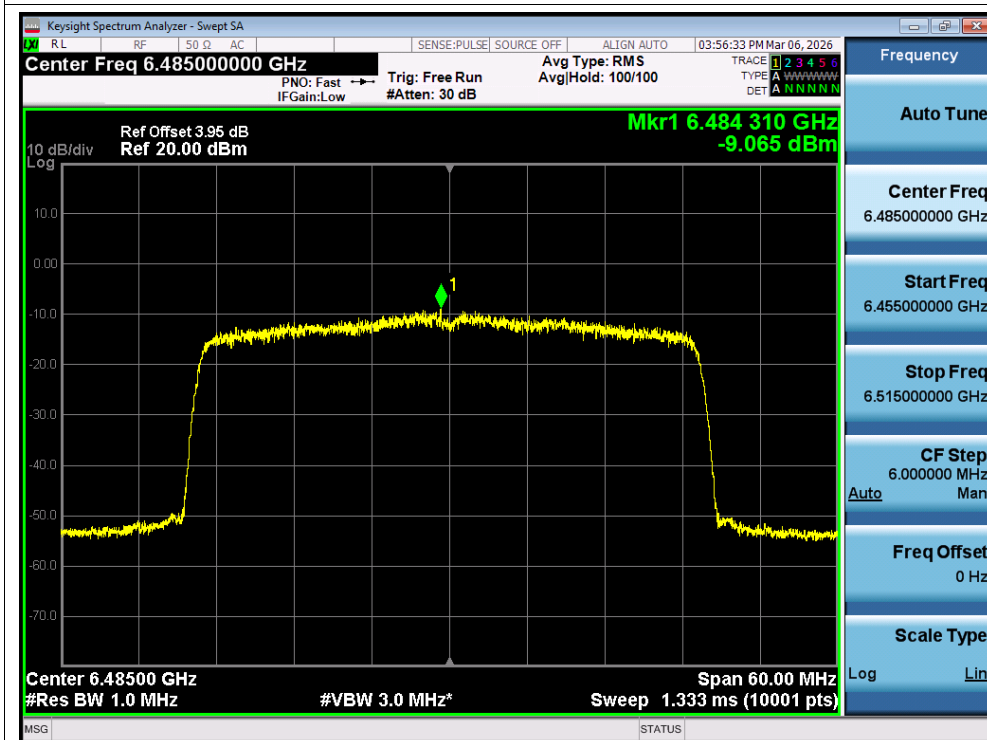
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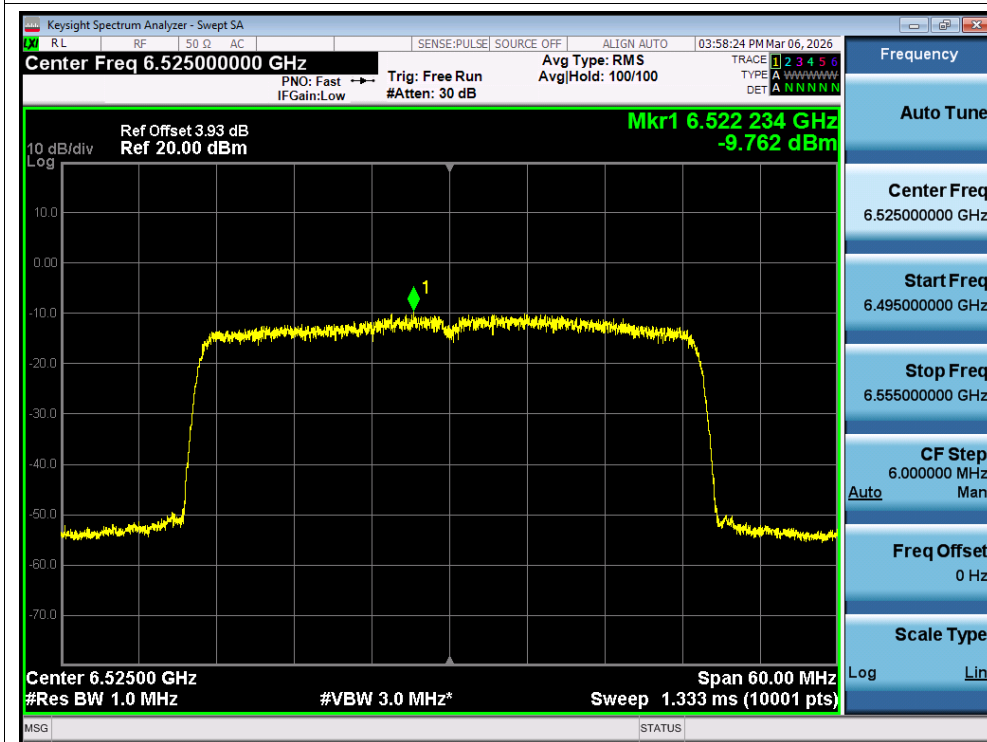
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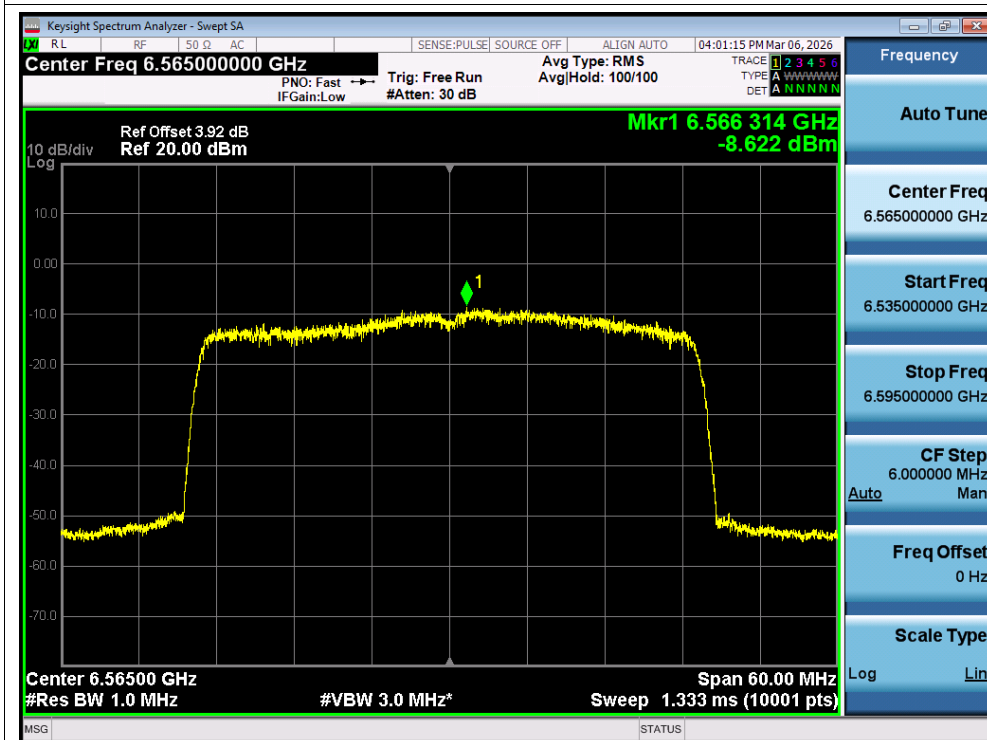
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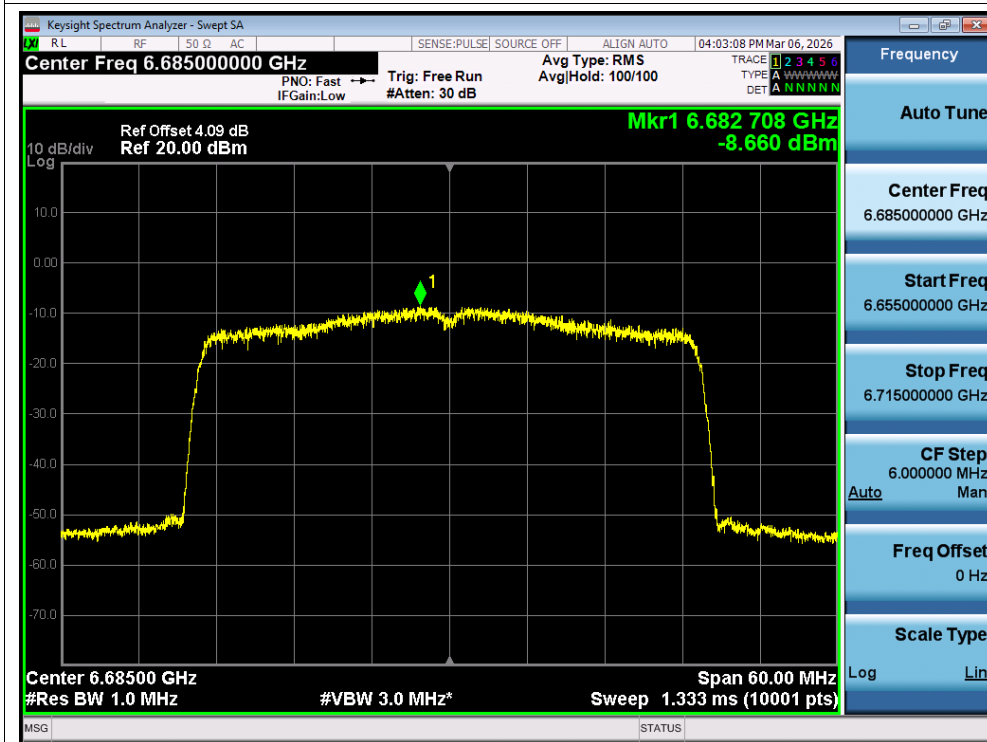
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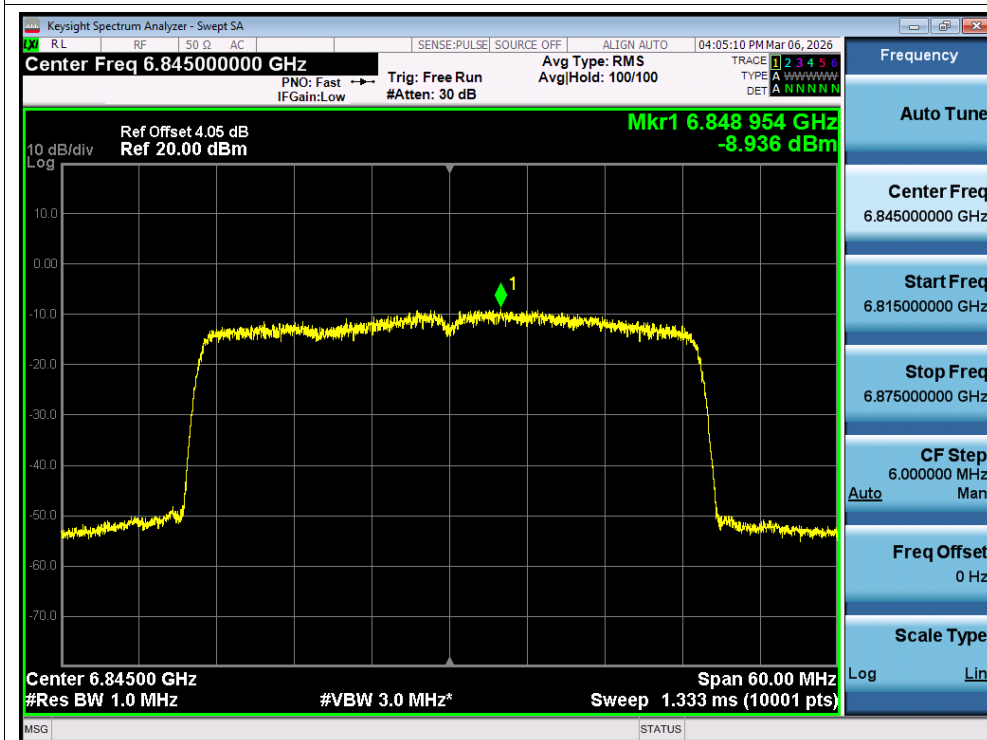
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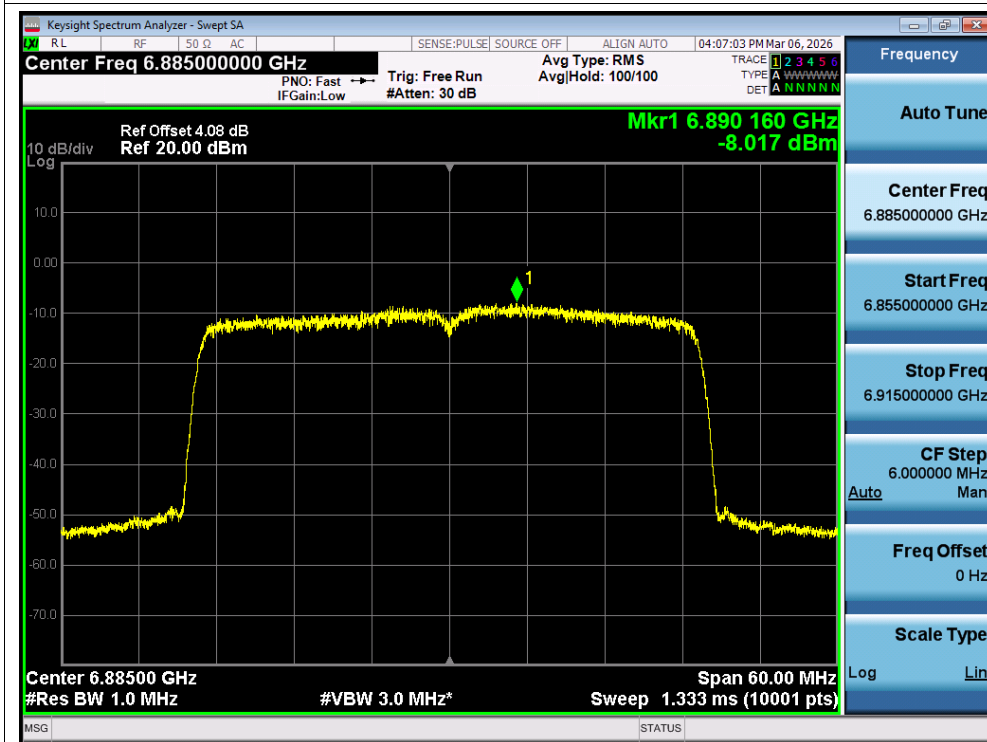
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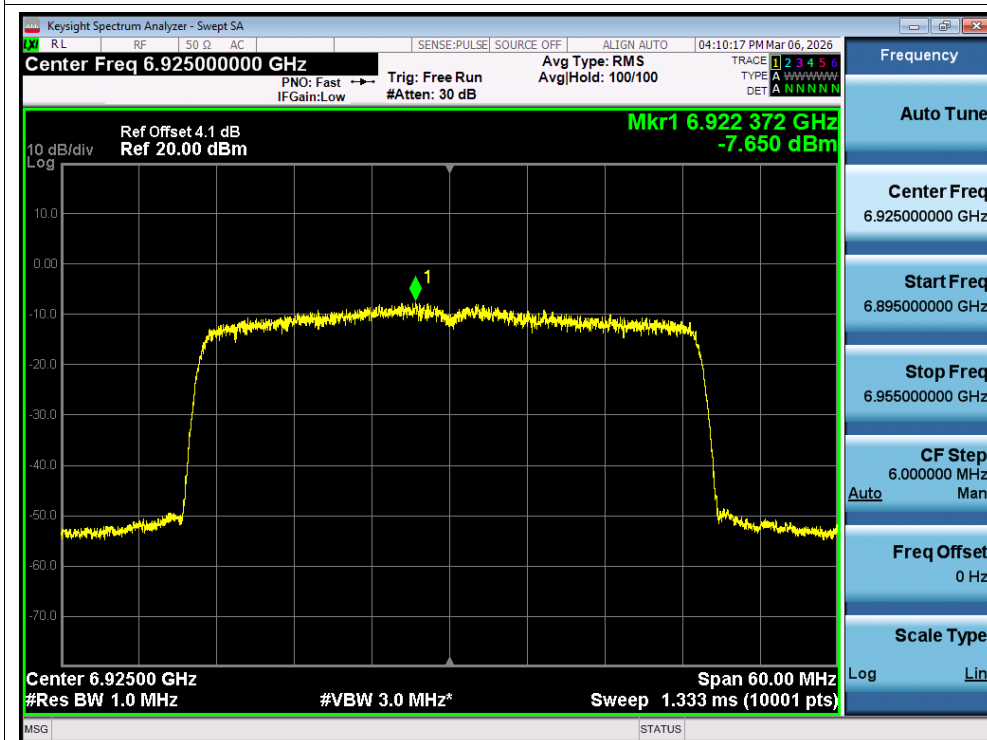
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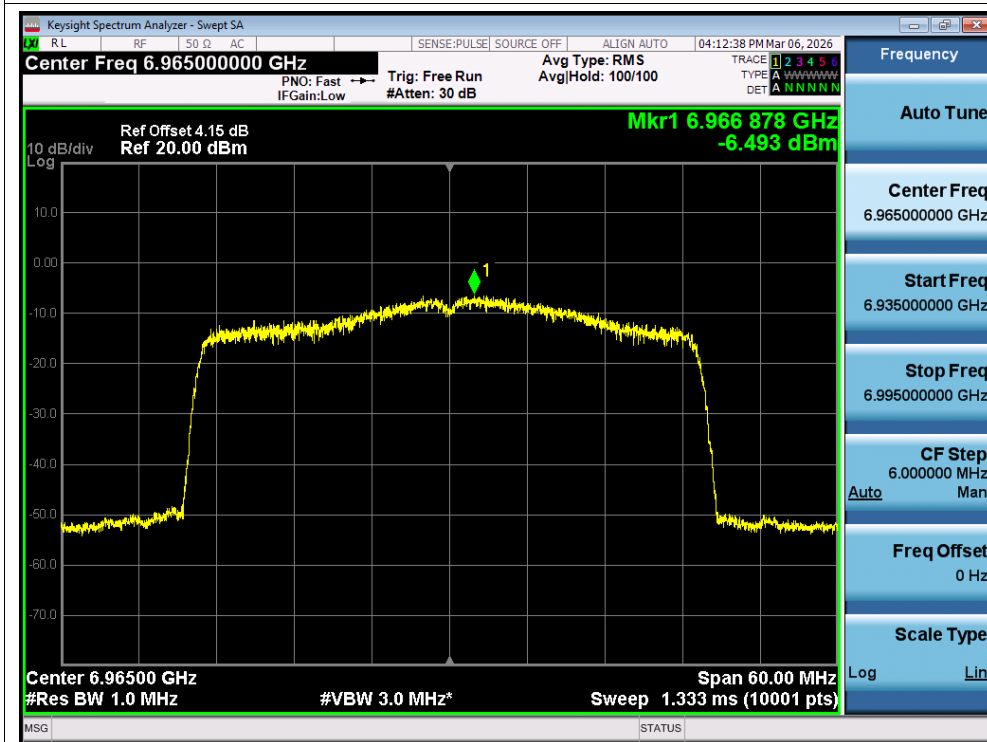
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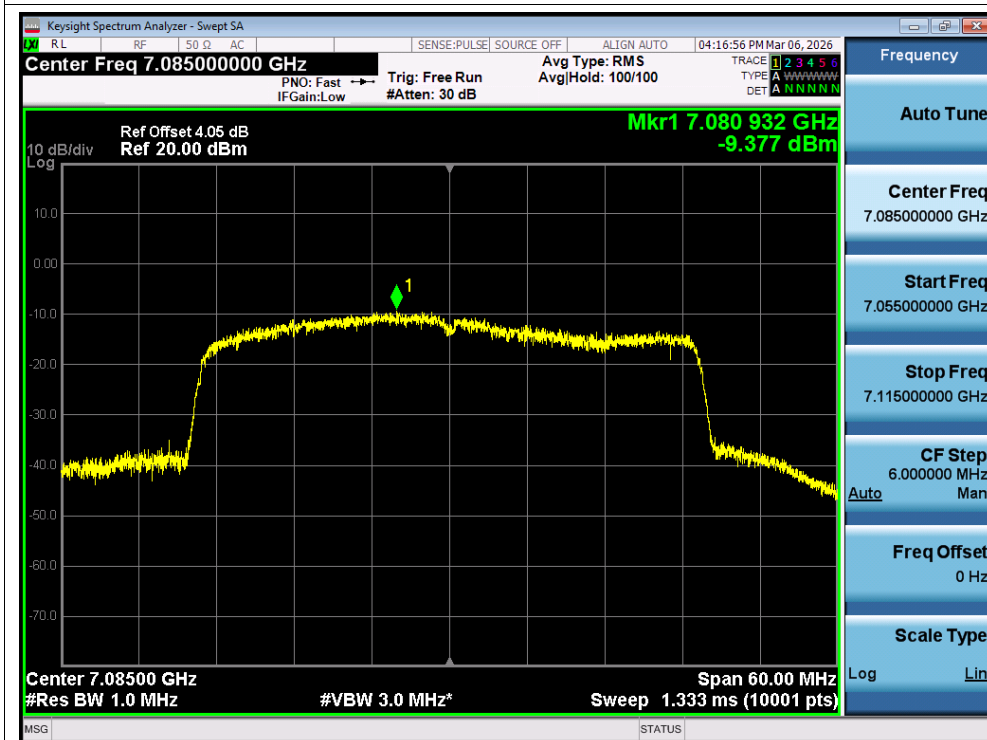
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PSD NVNT ax40 6965MHz AntA



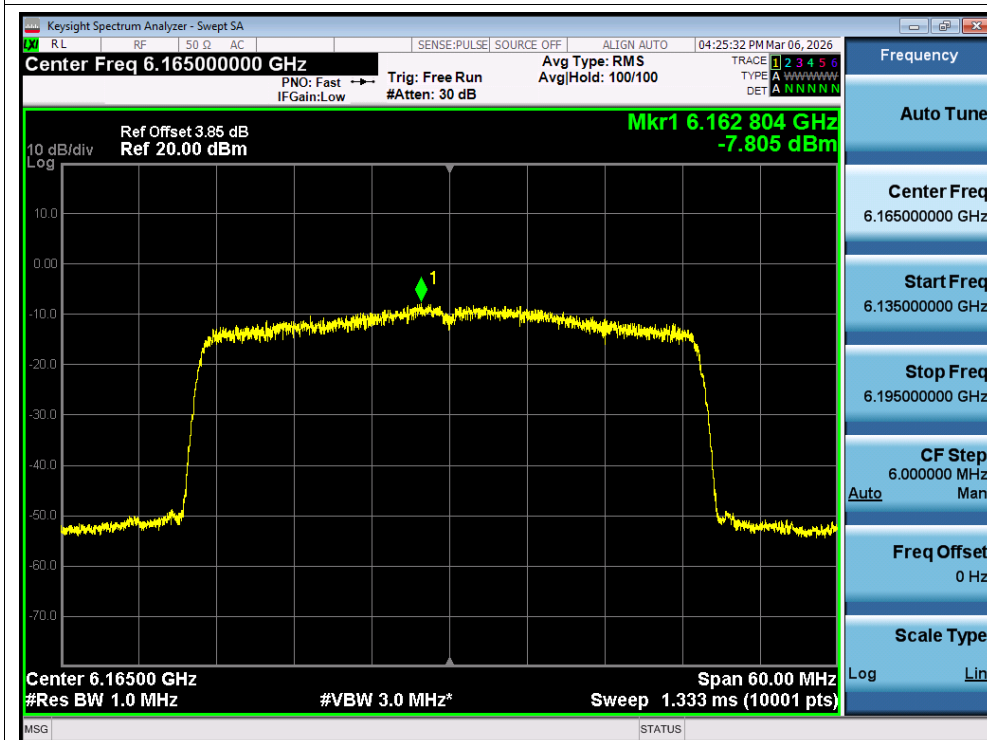
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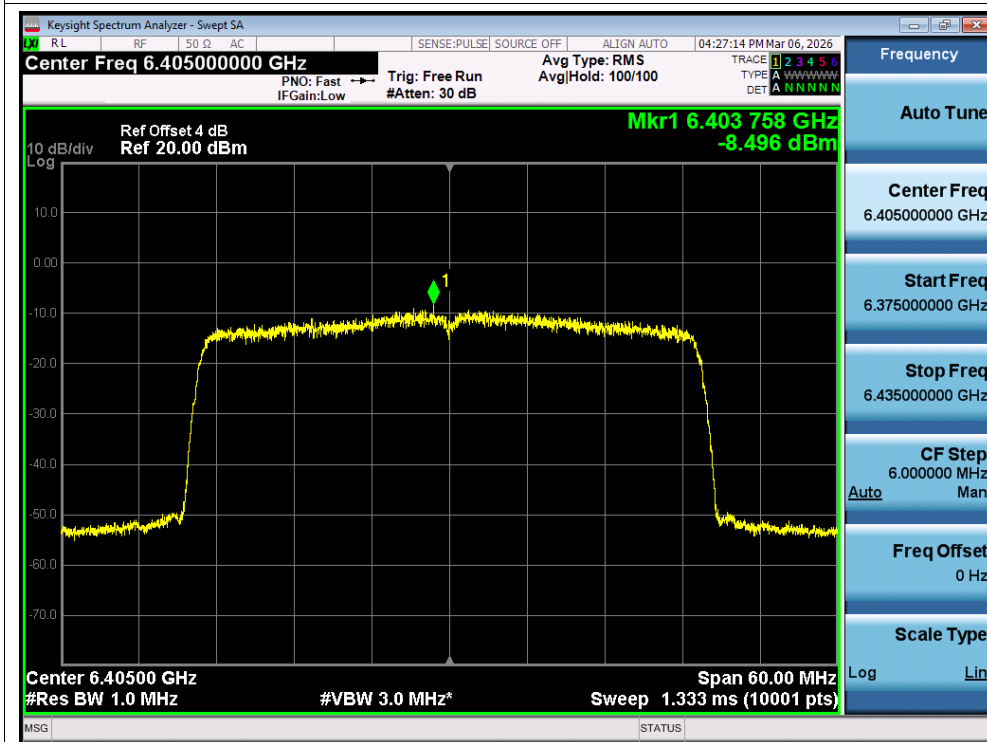
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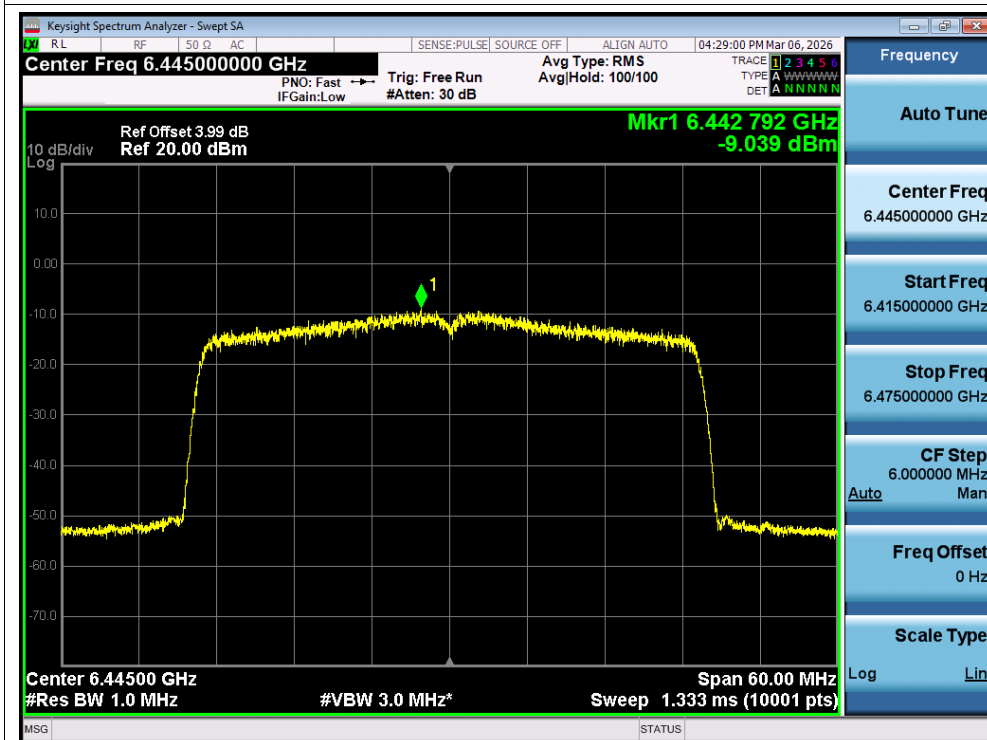
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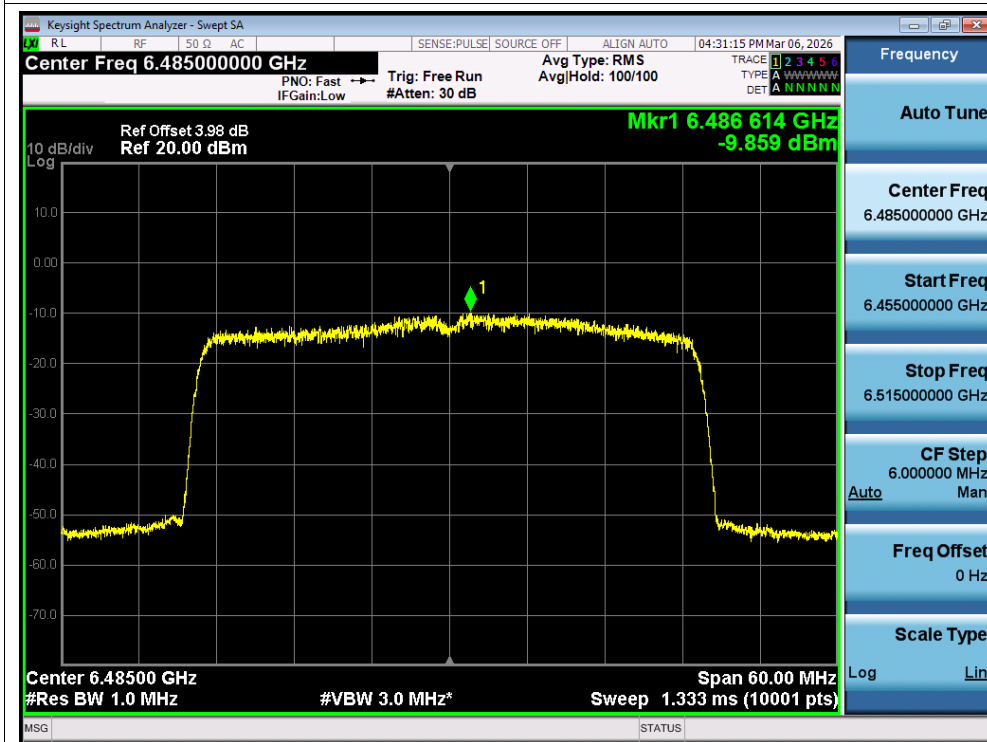
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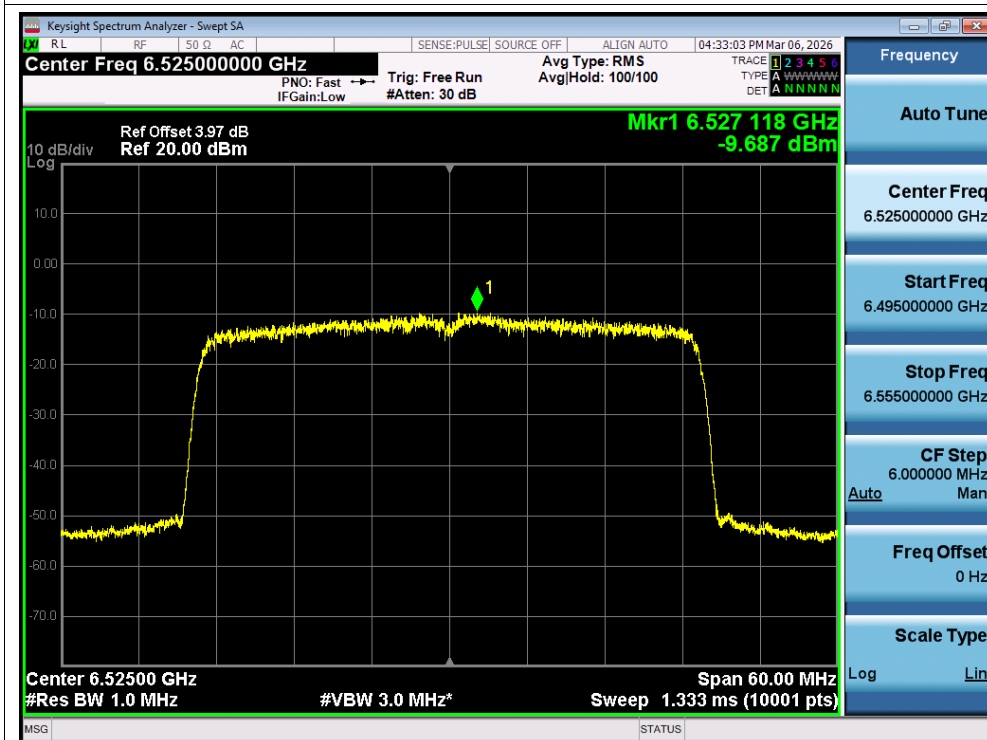
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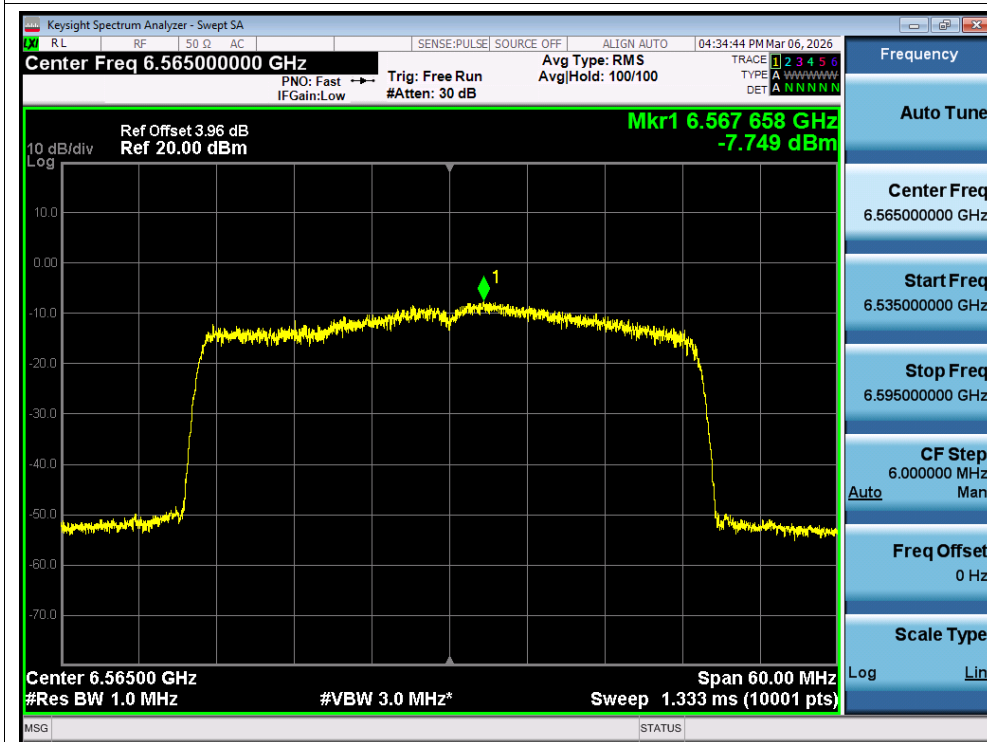
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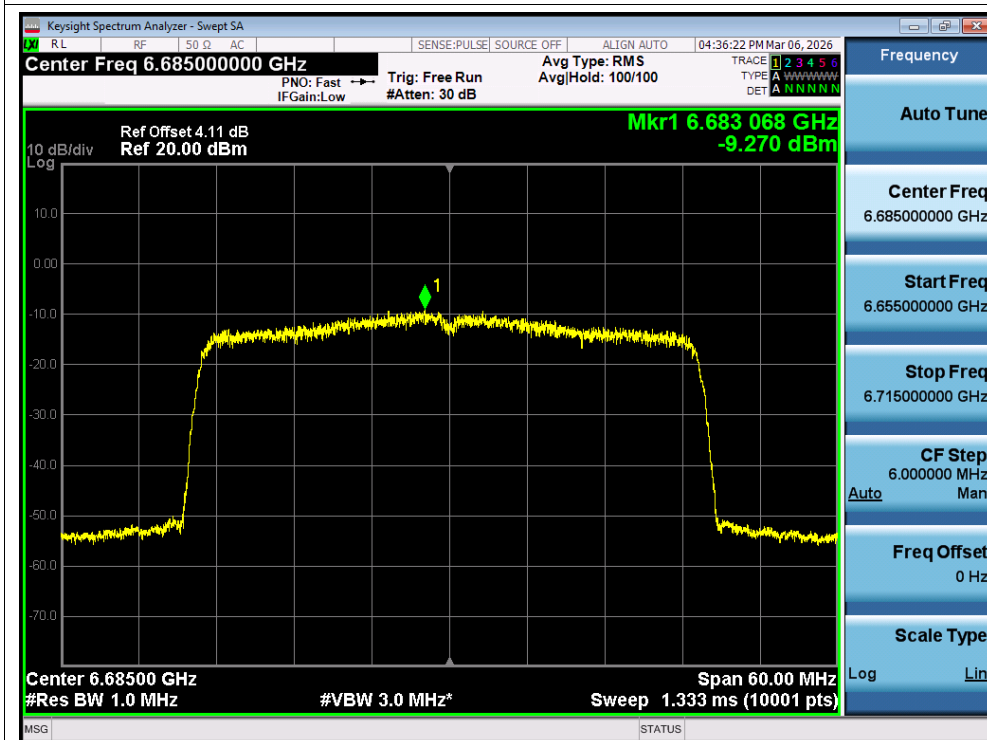
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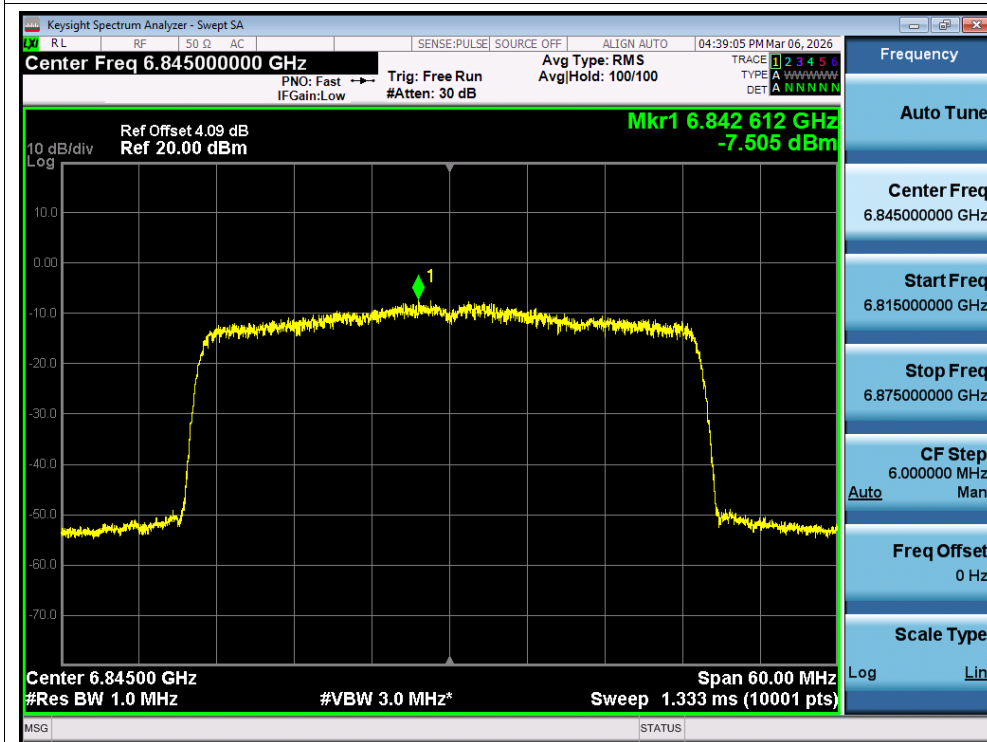
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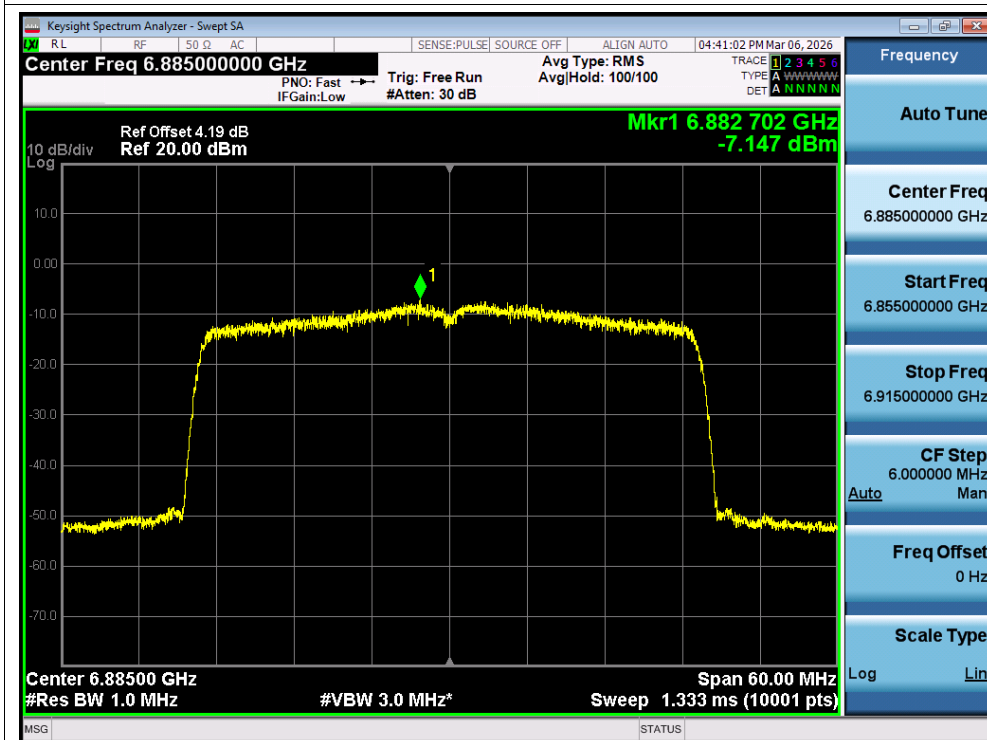
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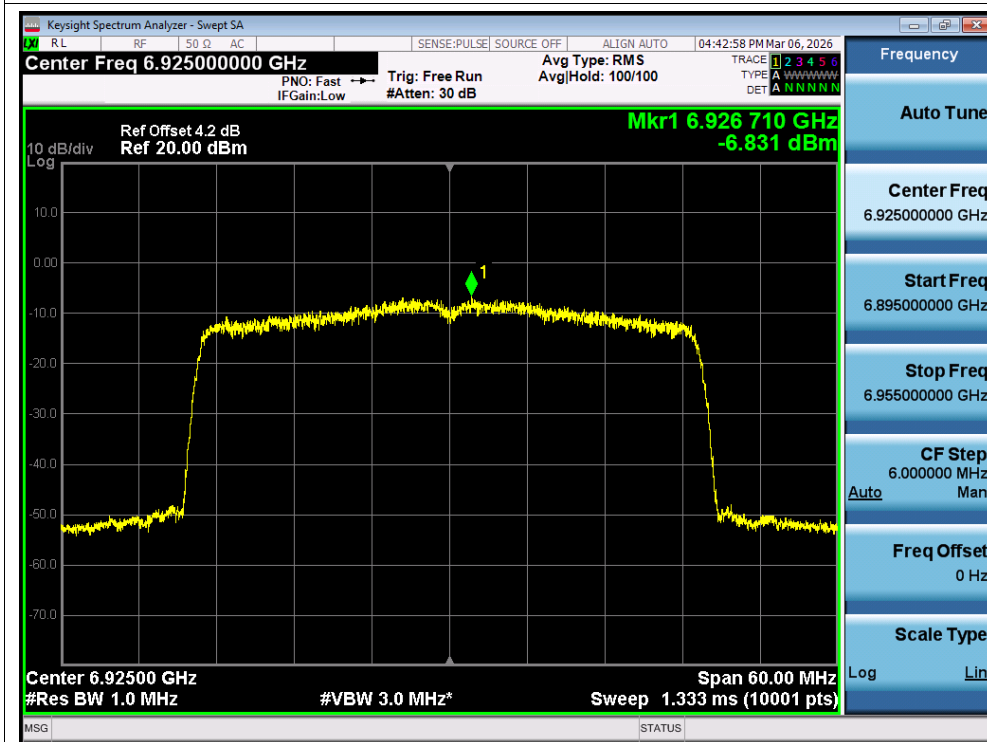
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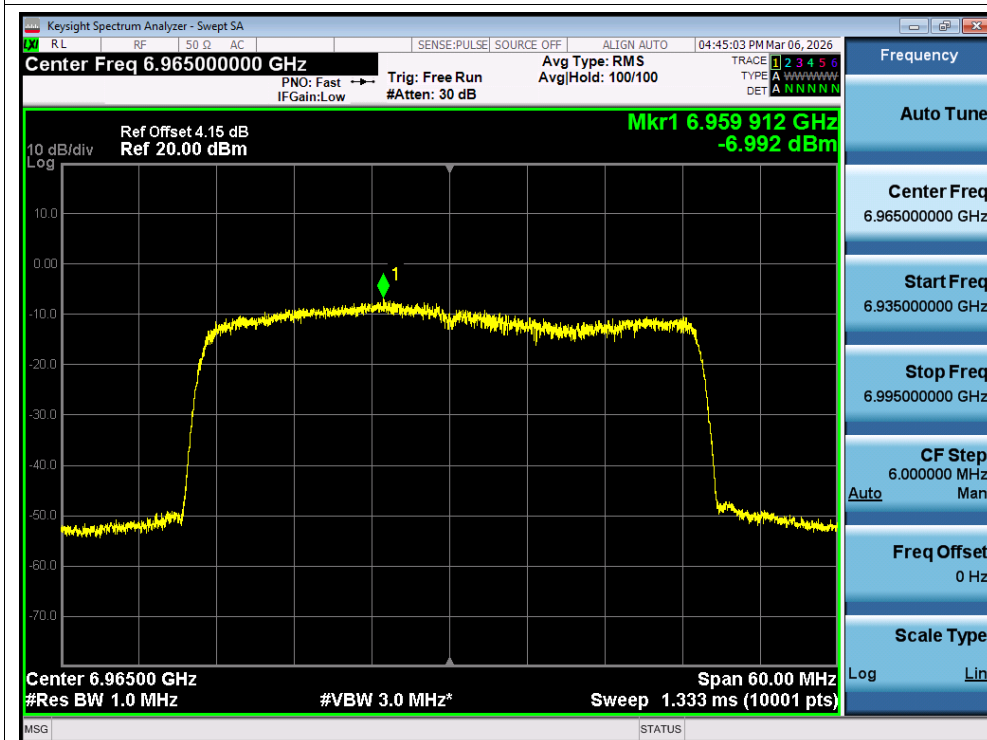
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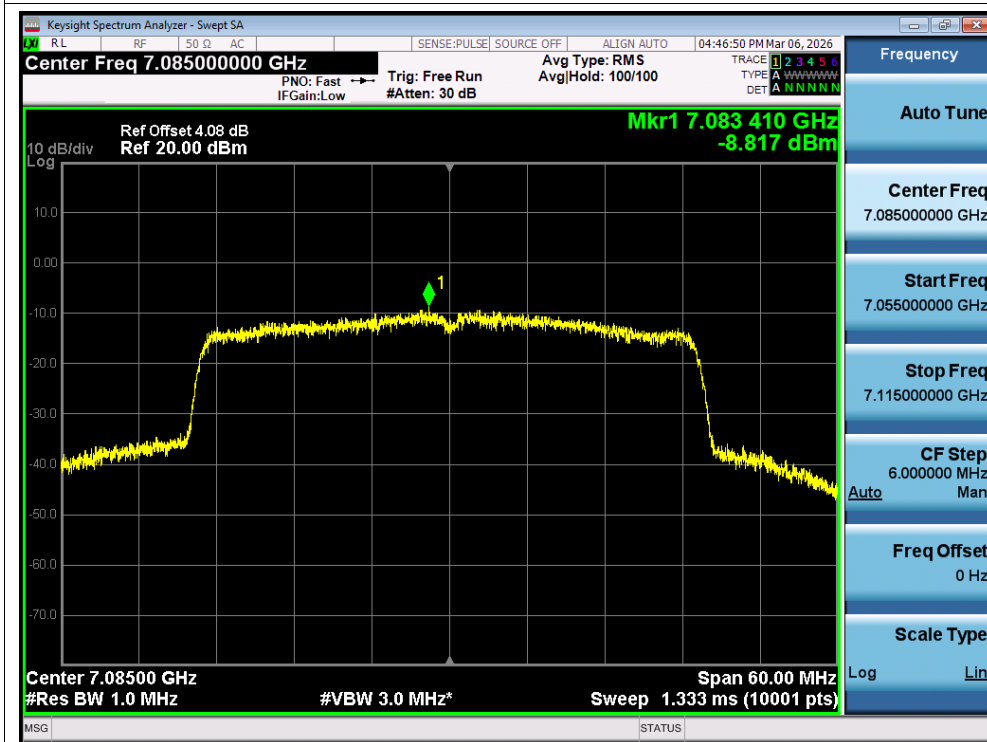
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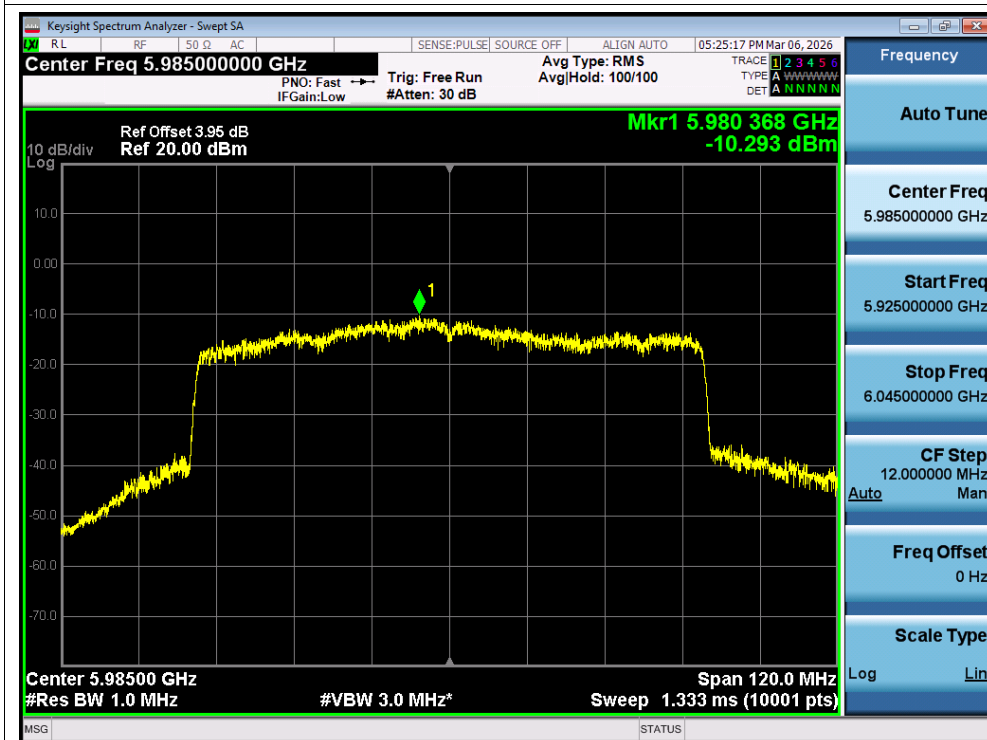
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PSD NVNT ax40 7085MHz AntB



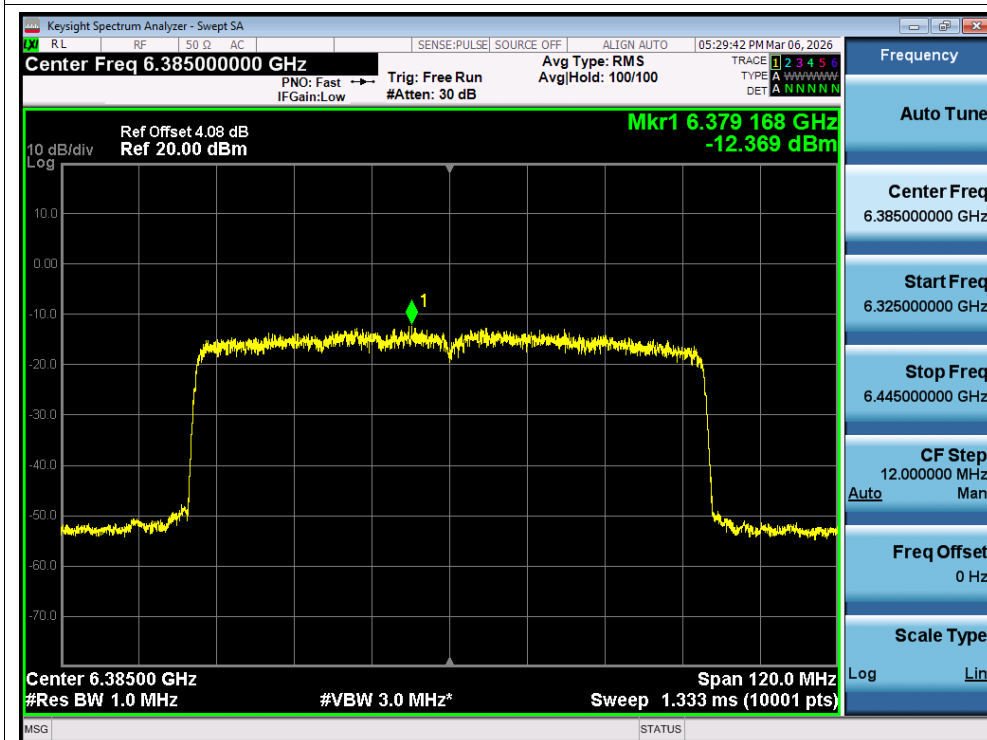
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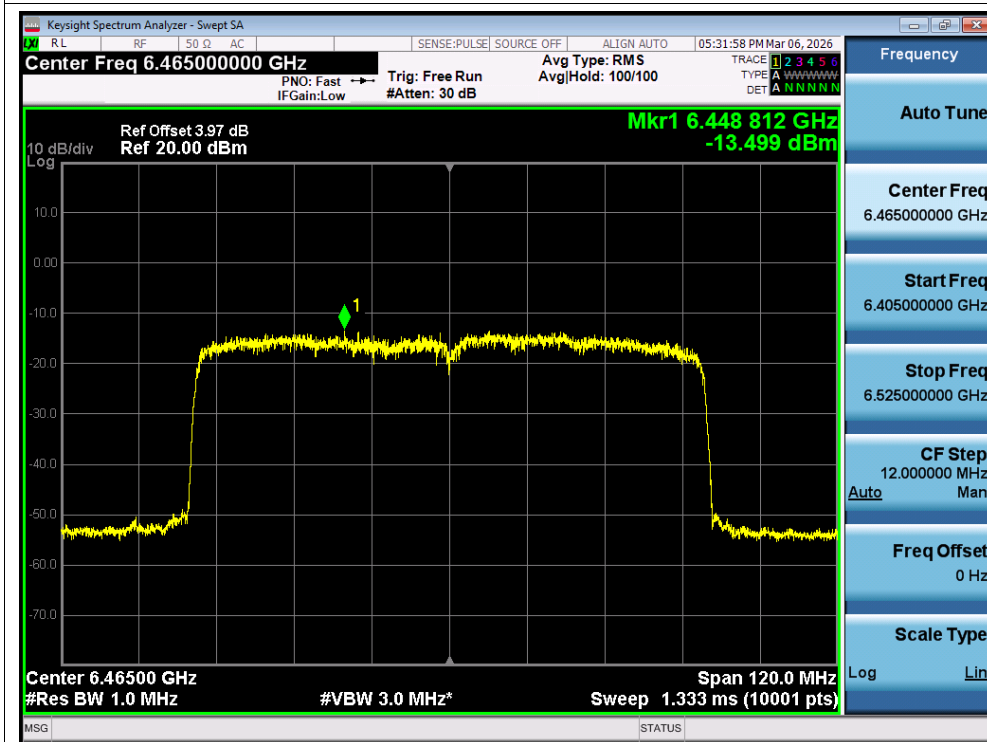
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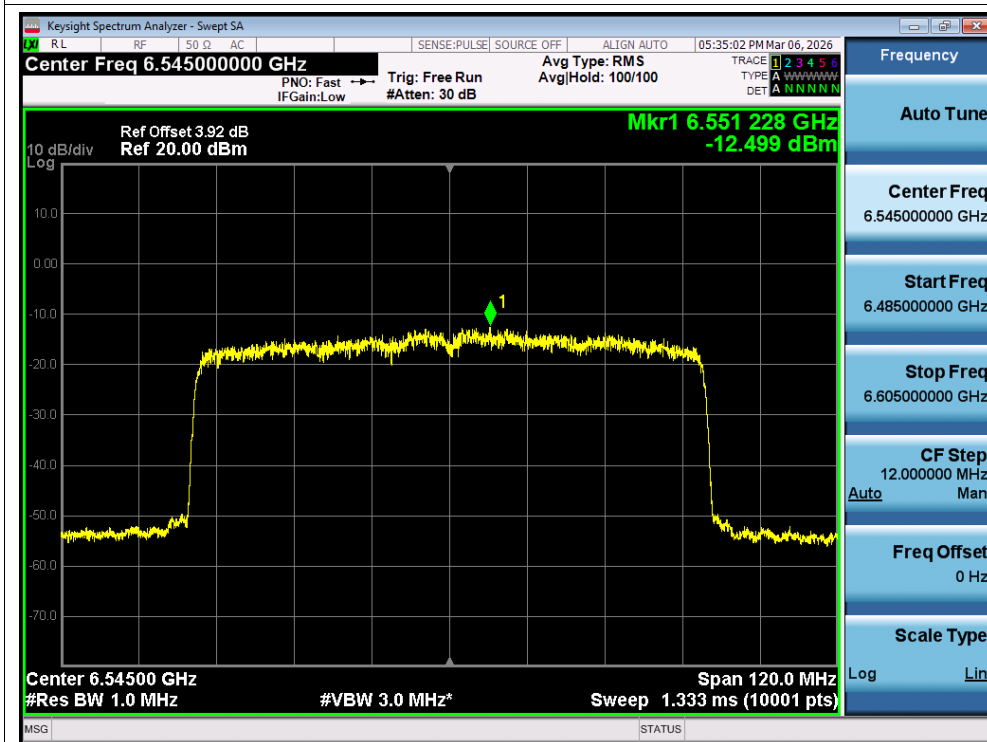
PSD NVNT ax80 6385MHz AntA



PSD NVNT ax80 6465MHz AntA



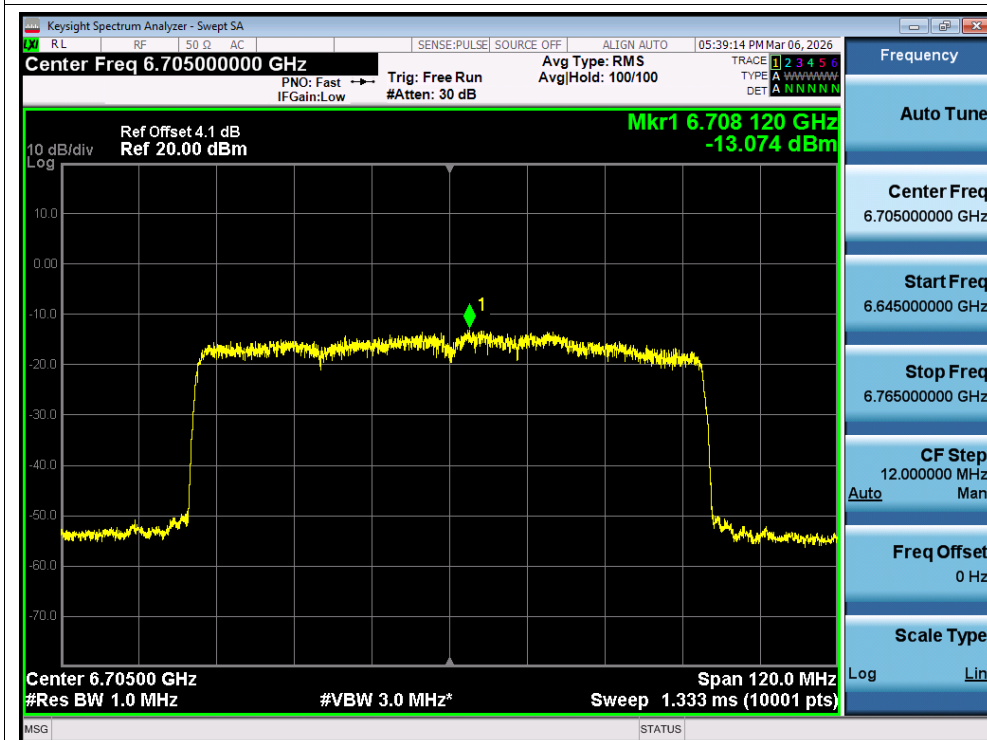
PSD NVNT ax80 6545MHz AntA



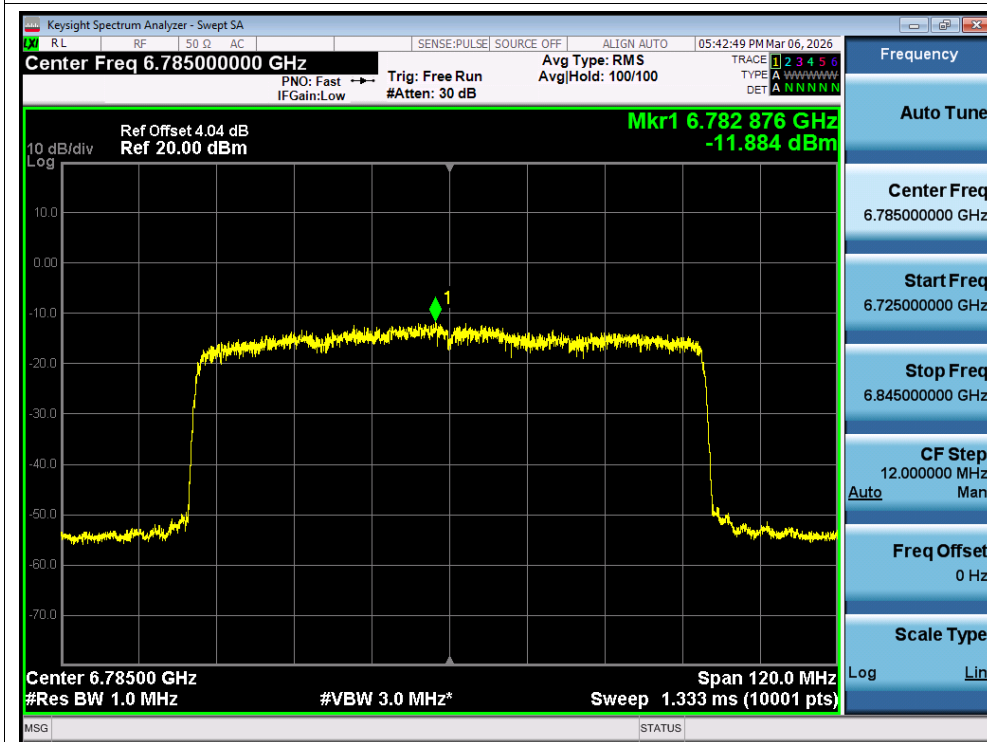
PSD NVNT ax80 6625MHz AntA



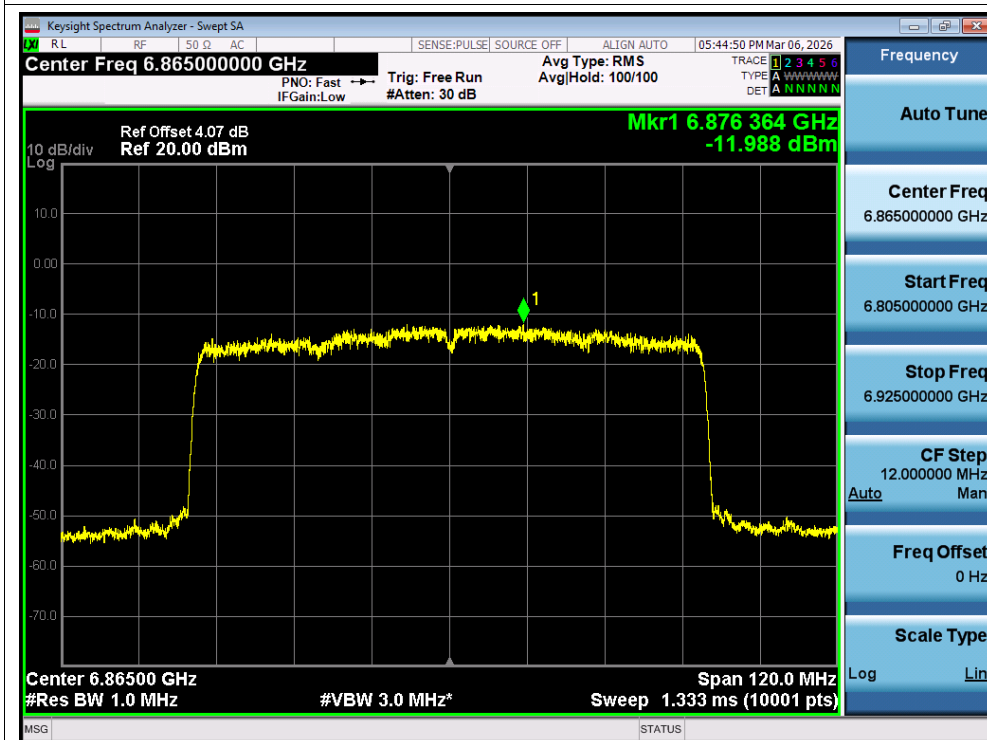
PSD NVNT ax80 6705MHz AntA



PSD NVNT ax80 6785MHz AntA



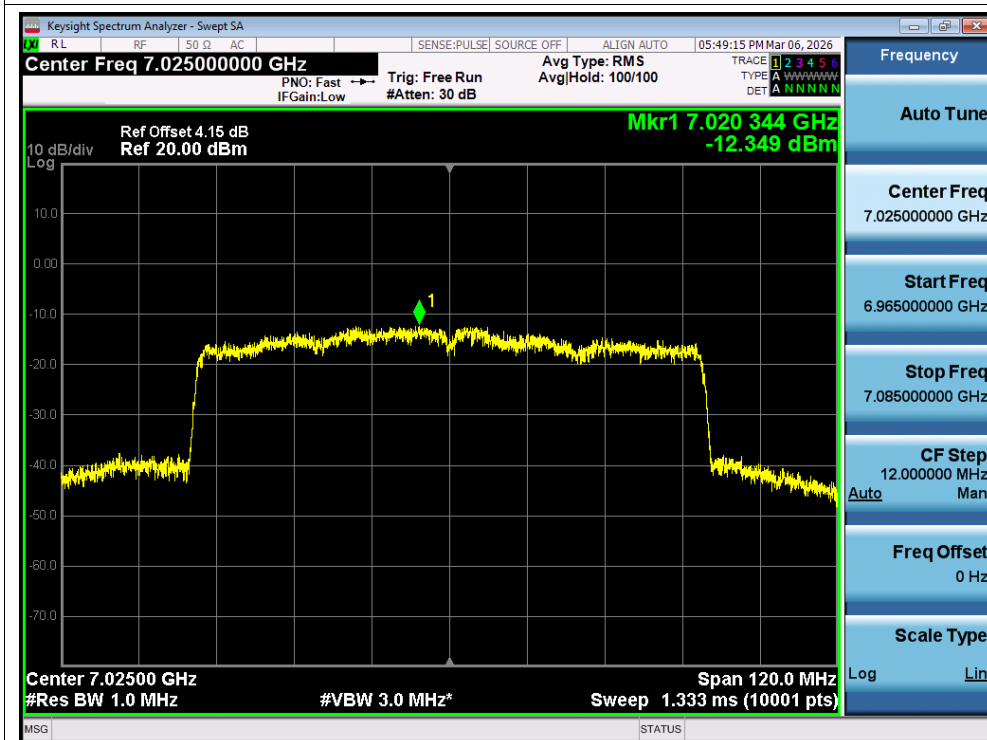
PSD NVNT ax80 6865MHz AntA



PSD NVNT ax80 6945MHz AntA



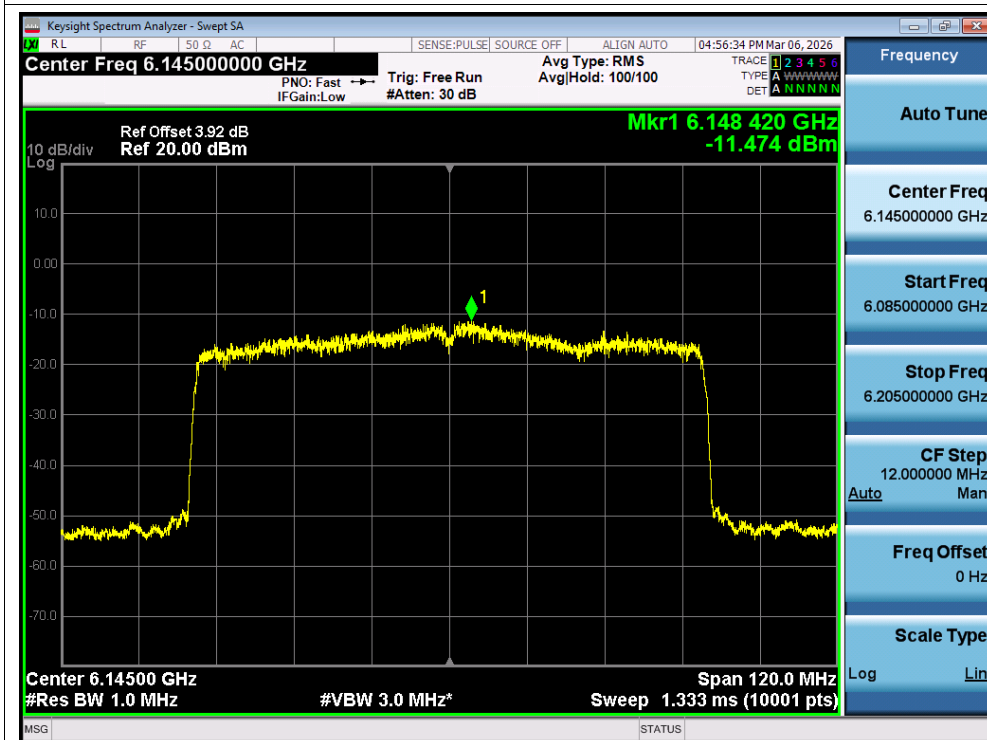
PSD NVNT ax80 7025MHz AntA



PSD NVNT ax80 5985MHz AntB



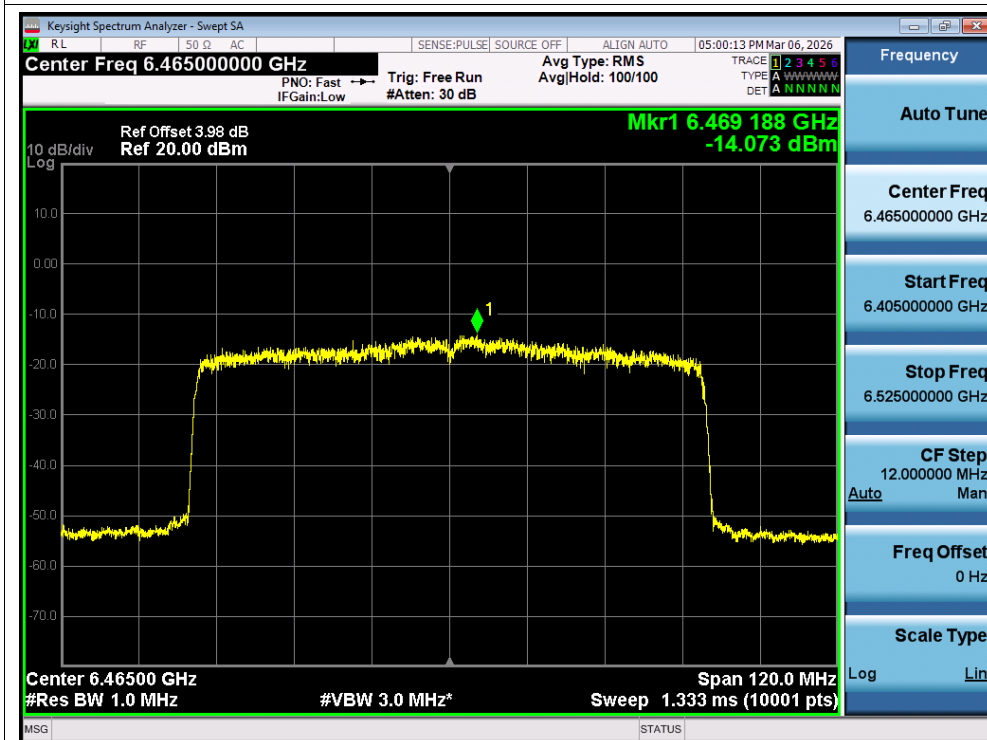
PSD NVNT ax80 6145MHz AntB



PSD NVNT ax80 6385MHz AntB



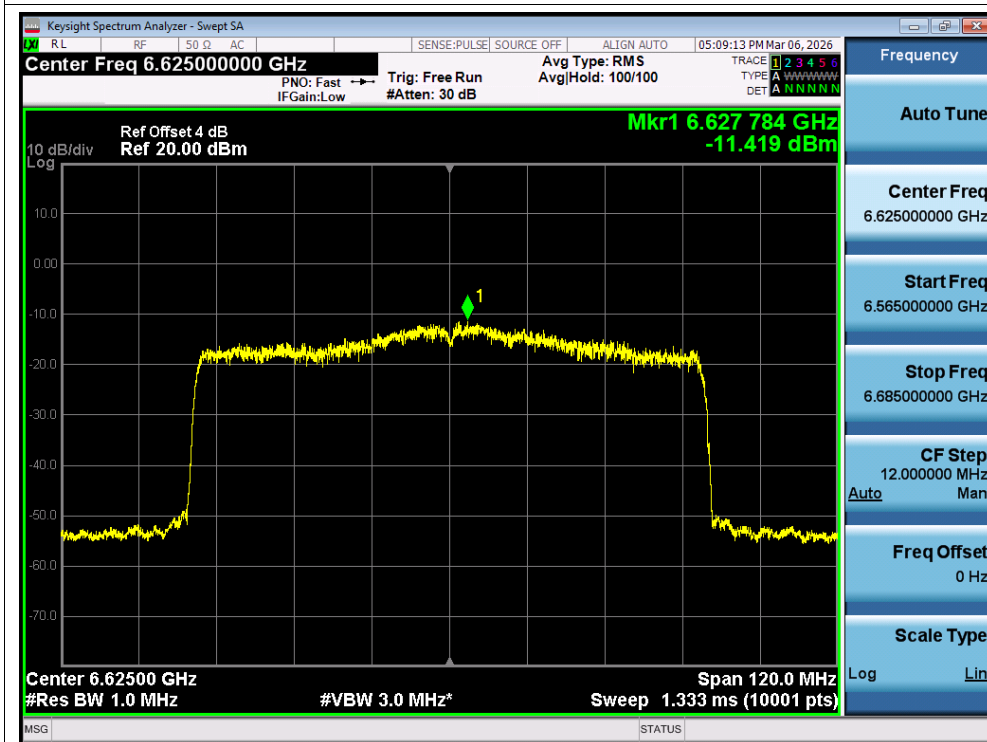
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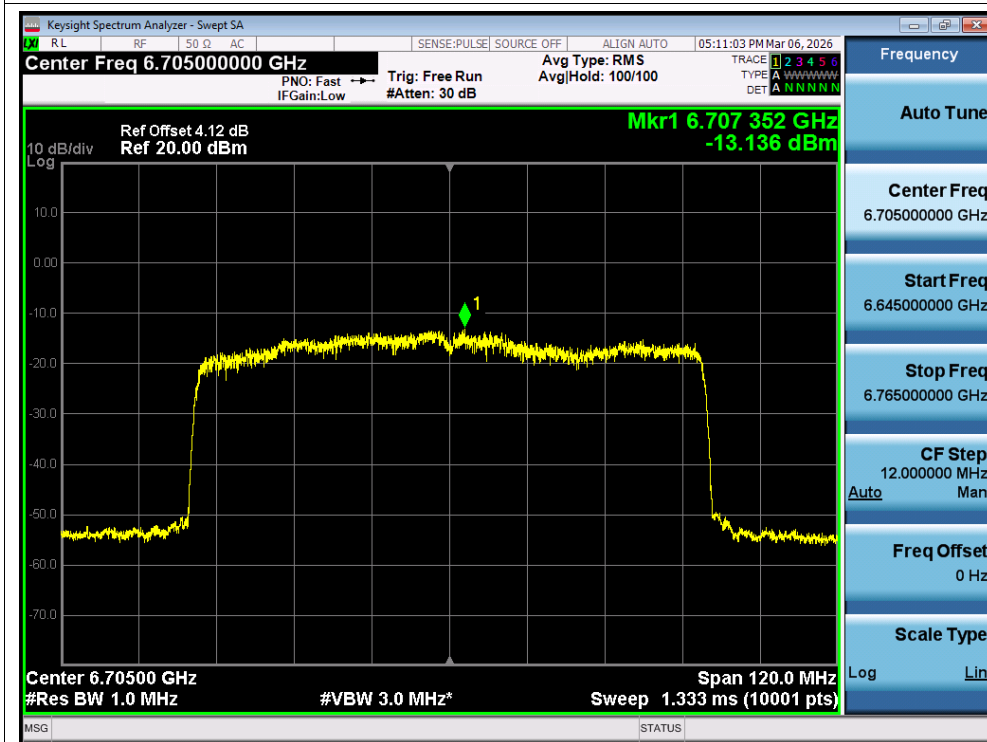
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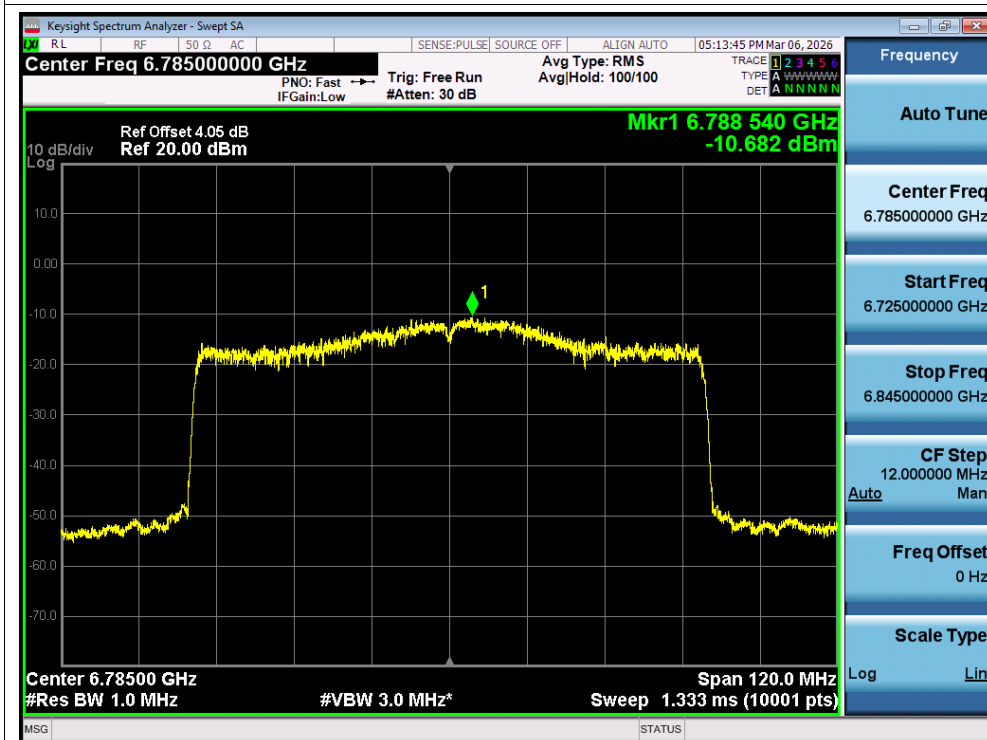
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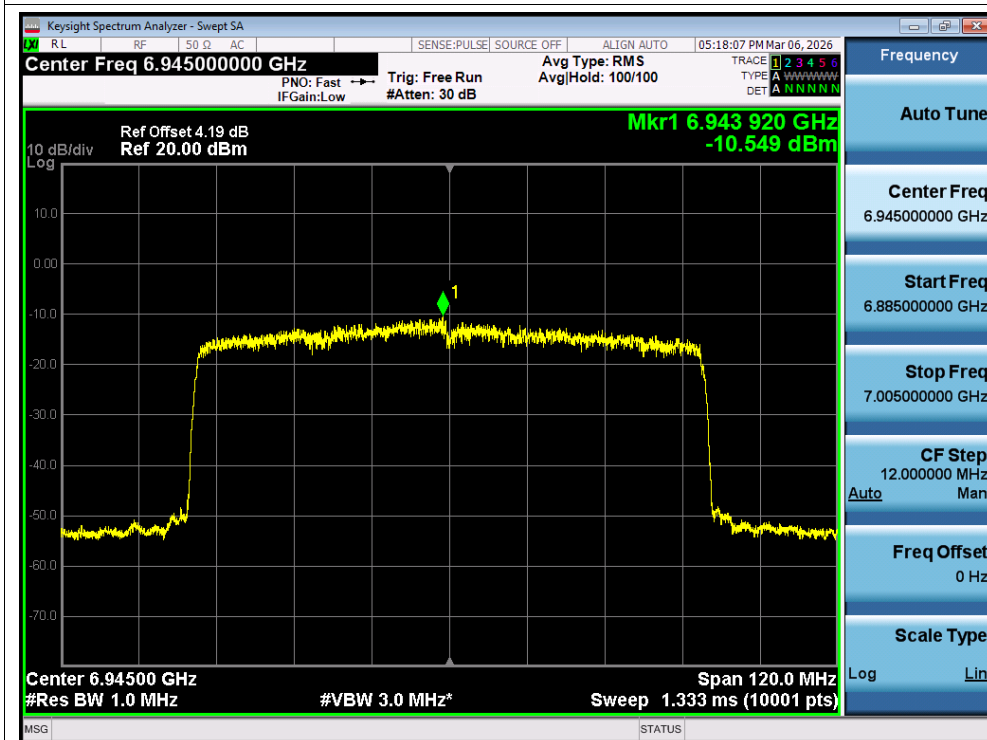
PSD NVNT ax80 6785MHz AntB



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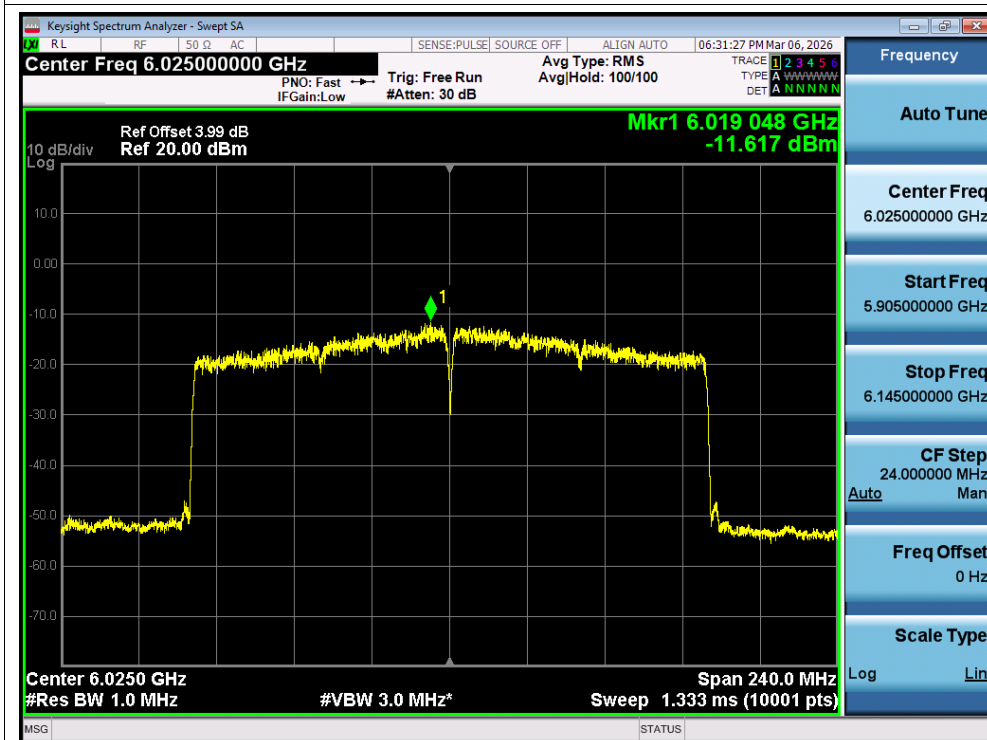
PSD NVNT ax80 6945MHz AntB



PSD NVNT ax80 7025MHz AntB



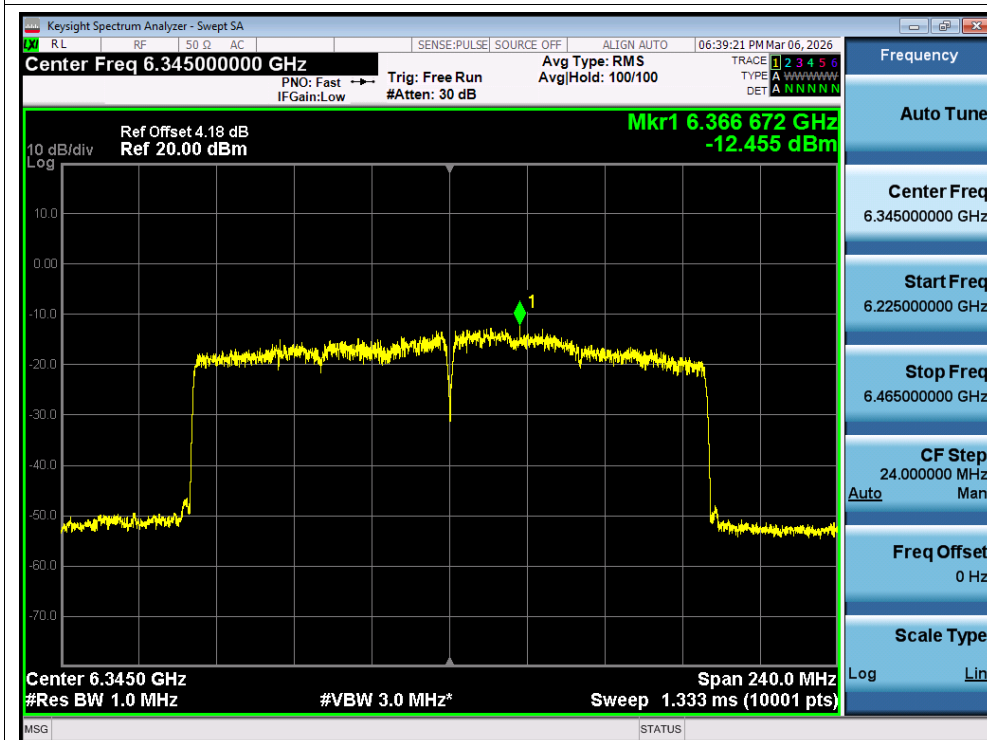
PSD NVNT ax160 6025MHz AntA



PSD NVNT ax160 6185MHz AntA



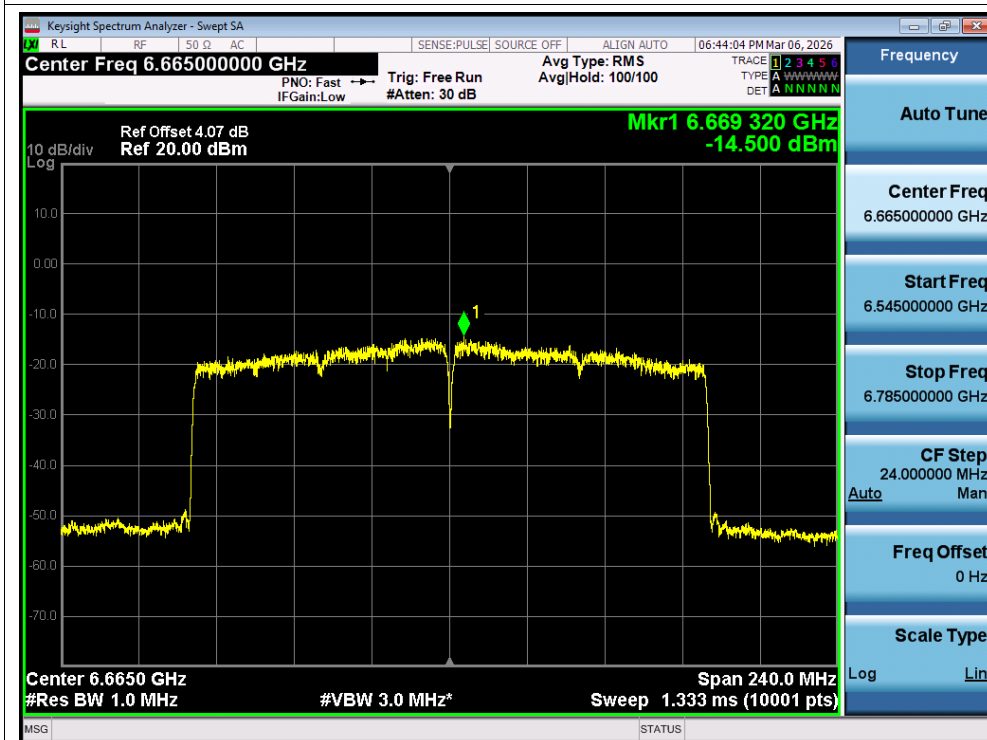
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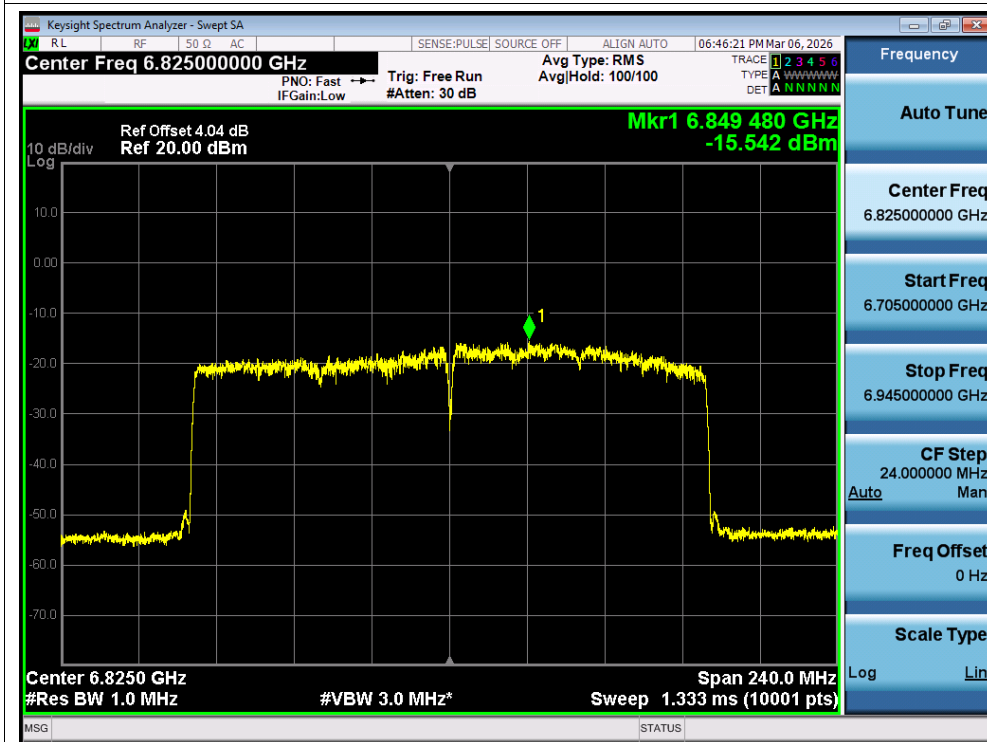
PSD NVNT ax160 6505MHz AntA



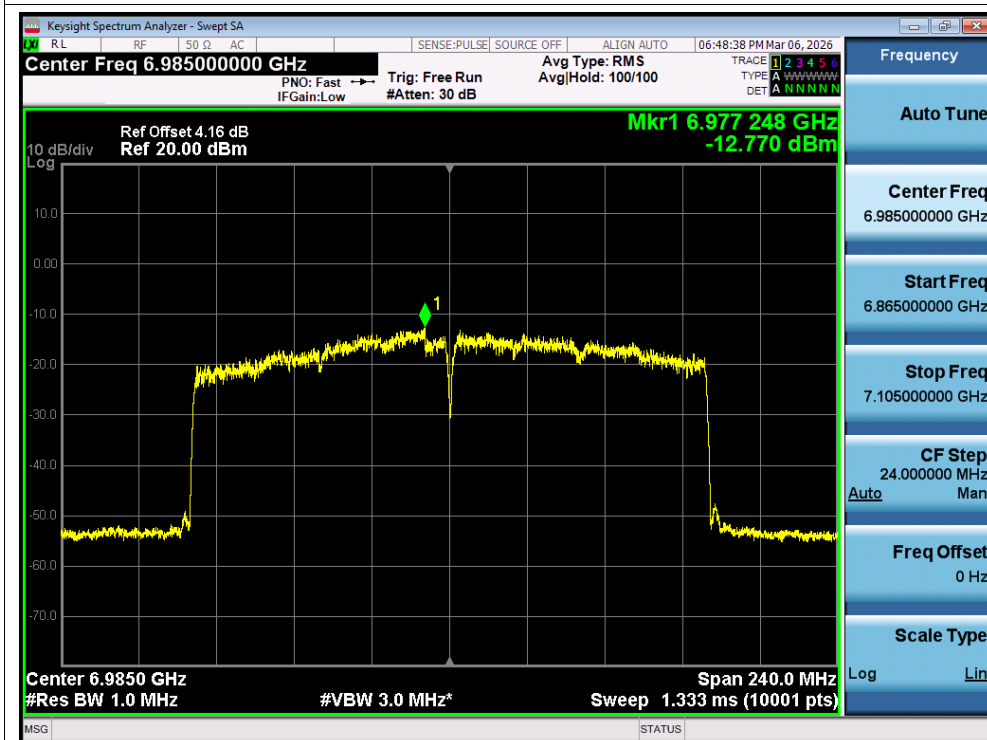
PSD NVNT ax160 6665MHz AntA



PSD NVNT ax160 6825MHz AntA



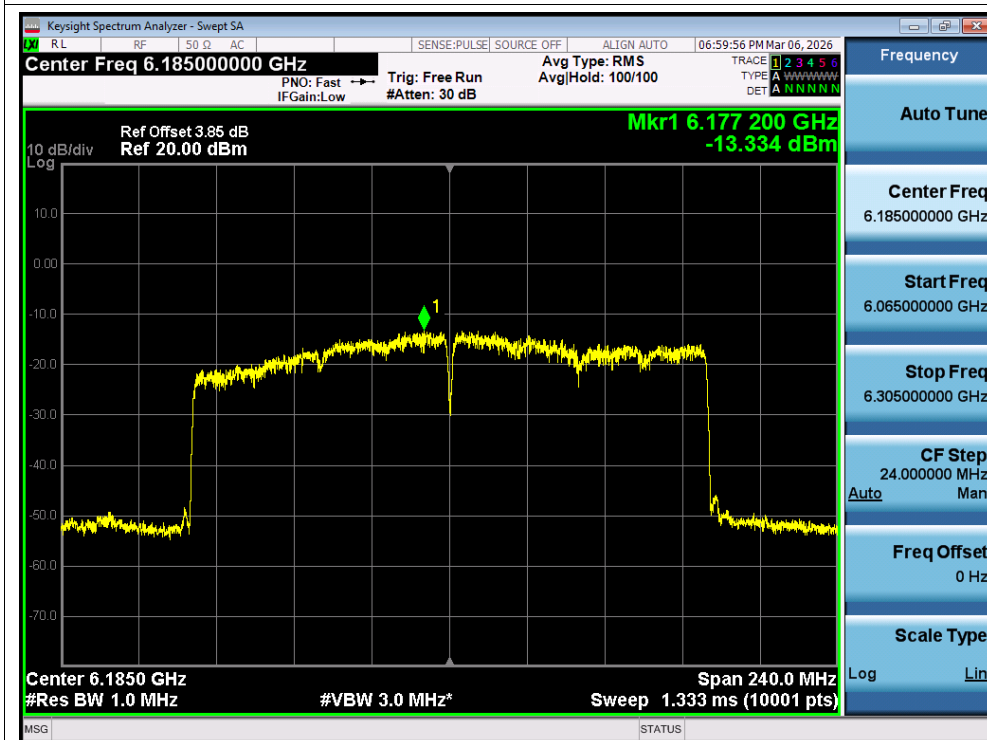
PSD NVNT ax160 6985MHz AntA



PSD NVNT ax160 6025MHz AntB



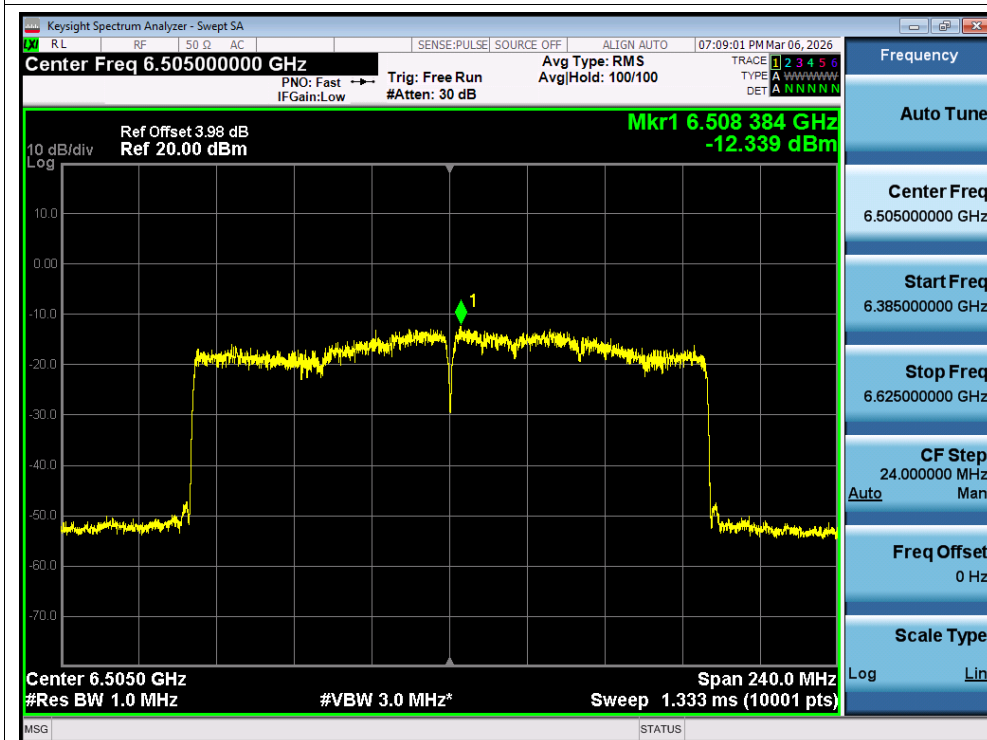
PSD NVNT ax160 6185MHz AntB



PSD NVNT ax160 6345MHz AntB



PSD NVNT ax160 6505MHz AntB



PSD NVNT ax160 6665MHz AntB

