



OBW NVNT n40 5190MHz Ant1



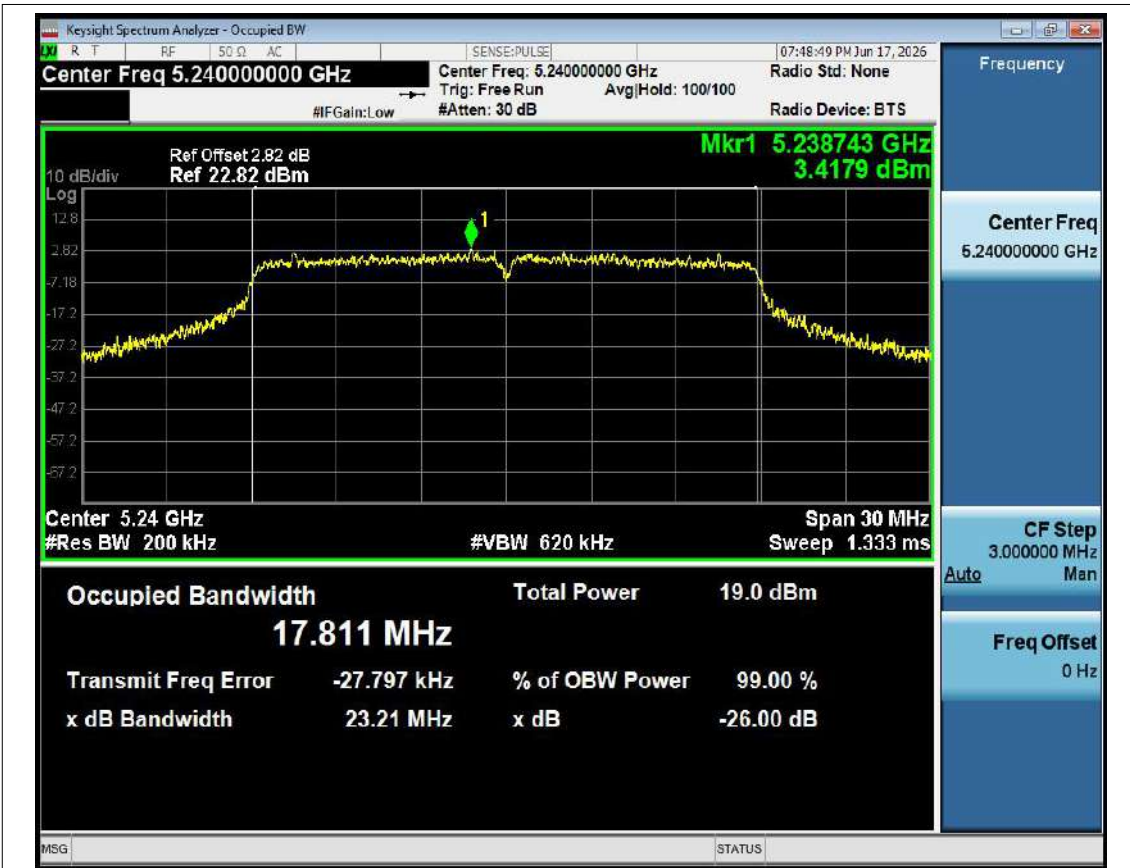
OBW NVNT n40 5230MHz Ant1



OBW NVNT ac20 5180MHz Ant1



OBW NVNT ac20 5200MHz Ant1



OBW NVNT ac20 5240MHz Ant1



OBW NVNT ac40 5190MHz Ant1



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Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total Conducted PSD (dBm/MHz)	Limit Conducted(dBm/MHz)	Verdict
NVNT	a	5180	Ant1	1.74	1.41	3.15	11	Pass
NVNT	a	5200	Ant1	1.77	1.06	2.83	11	Pass
NVNT	a	5240	Ant1	2.03	1.67	3.7	11	Pass
NVNT	n20	5180	Ant1	2.09	0.18	2.27	11	Pass
NVNT	n20	5200	Ant1	2.05	0.18	2.23	11	Pass
NVNT	n20	5240	Ant1	1.83	0.16	1.99	11	Pass
NVNT	n40	5190	Ant1	-3.9	2.81	-1.09	11	Pass
NVNT	n40	5230	Ant1	-3.66	3.2	-0.46	11	Pass
NVNT	ac20	5180	Ant1	1.97	0.2	2.17	11	Pass
NVNT	ac20	5200	Ant1	2.01	0.16	2.17	11	Pass
NVNT	ac20	5240	Ant1	1.66	0.2	1.86	11	Pass
NVNT	ac40	5190	Ant1	-3.27	3.76	0.49	11	Pass
NVNT	ac40	5230	Ant1	-3.06	2.5	-0.56	11	Pass
NVNT	ax20	5180	Ant1	1.72	0.21	1.93	11	Pass
NVNT	ax20	5200	Ant1	1.6	0.21	1.81	11	Pass
NVNT	ax20	5240	Ant1	1.41	0.18	1.59	11	Pass
NVNT	ax40	5190	Ant1	-5.02	3.31	-1.71	11	Pass
NVNT	ax40	5230	Ant1	-4.75	4.1	-0.65	11	Pass



PSD NVNT a 5180MHz Ant1



PSD NVNT a 5200MHz Ant1



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Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-30.72	-27	Pass
NVNT	a	5240	Ant1	-40.35	-27	Pass
NVNT	n20	5180	Ant1	-29.05	-27	Pass
NVNT	n20	5240	Ant1	-44.04	-27	Pass
NVNT	n40	5190	Ant1	-28.52	-27	Pass
NVNT	n40	5230	Ant1	-44.62	-27	Pass
NVNT	ac20	5180	Ant1	-28.12	-27	Pass
NVNT	ac20	5240	Ant1	-43.59	-27	Pass
NVNT	ac40	5190	Ant1	-28.76	-27	Pass
NVNT	ac40	5230	Ant1	-44	-27	Pass
NVNT	ax20	5180	Ant1	-27.63	-27	Pass
NVNT	ax20	5240	Ant1	-44.48	-27	Pass
NVNT	ax40	5190	Ant1	-28.36	-27	Pass
NVNT	ax40	5230	Ant1	-44.2	-27	Pass

Remark: 1. Antenna gain and cable loss have been added to the spectrum for evaluation. The graph only shows the loss corresponding to the main frequency.



Band Edge NVNT a 5180MHz Low Ant1



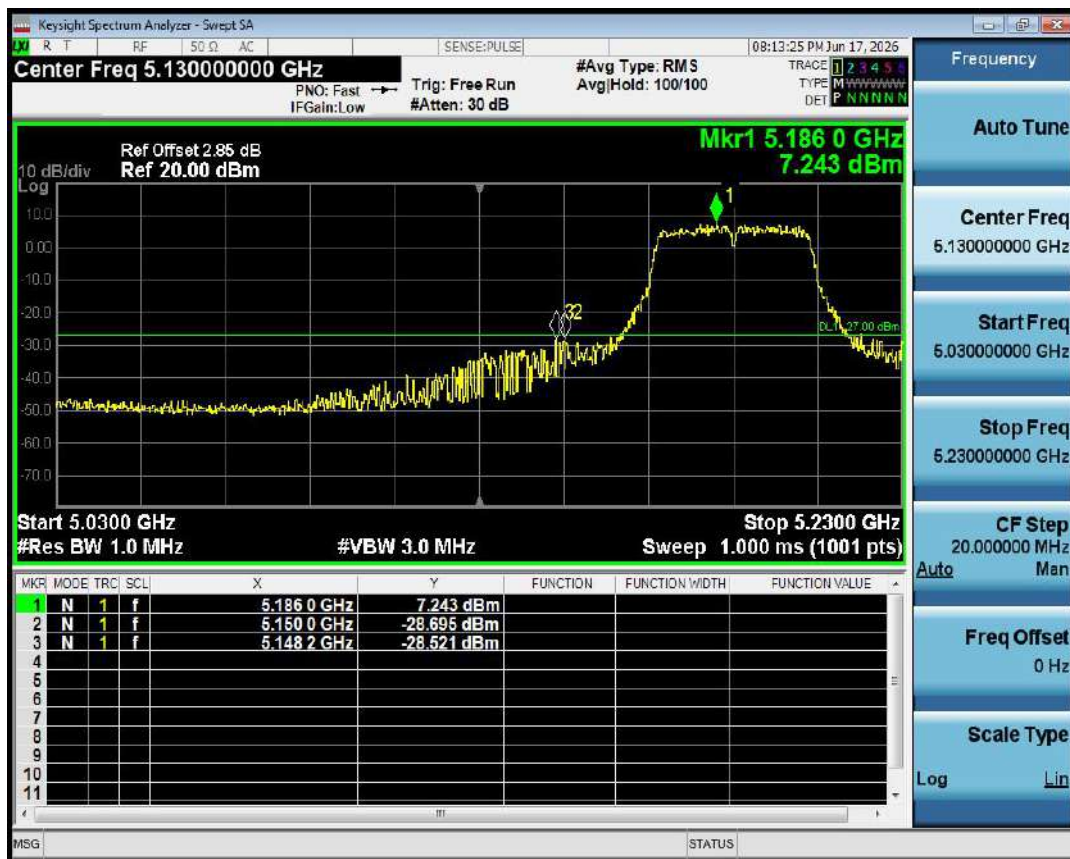
Band Edge NVNT a 5240MHz High Ant1



Band Edge NVNT n20 5180MHz Low Ant1



Band Edge NVNT n20 5240MHz High Ant1



Band Edge NVNT n40 5190MHz Low Ant1



Band Edge NVNT n40 5230MHz High Ant1



Band Edge NVNT ac20 5180MHz Low Ant1



Band Edge NVNT ac20 5240MHz High Ant1



Band Edge NVNT ac40 5190MHz Low Ant1



Band Edge NVNT ac40 5230MHz High Ant1



Band Edge NVNT ax20 5180MHz Low Ant1



Band Edge NVNT ax20 5240MHz High Ant1



Band Edge NVNT ax40 5190MHz Low Ant1

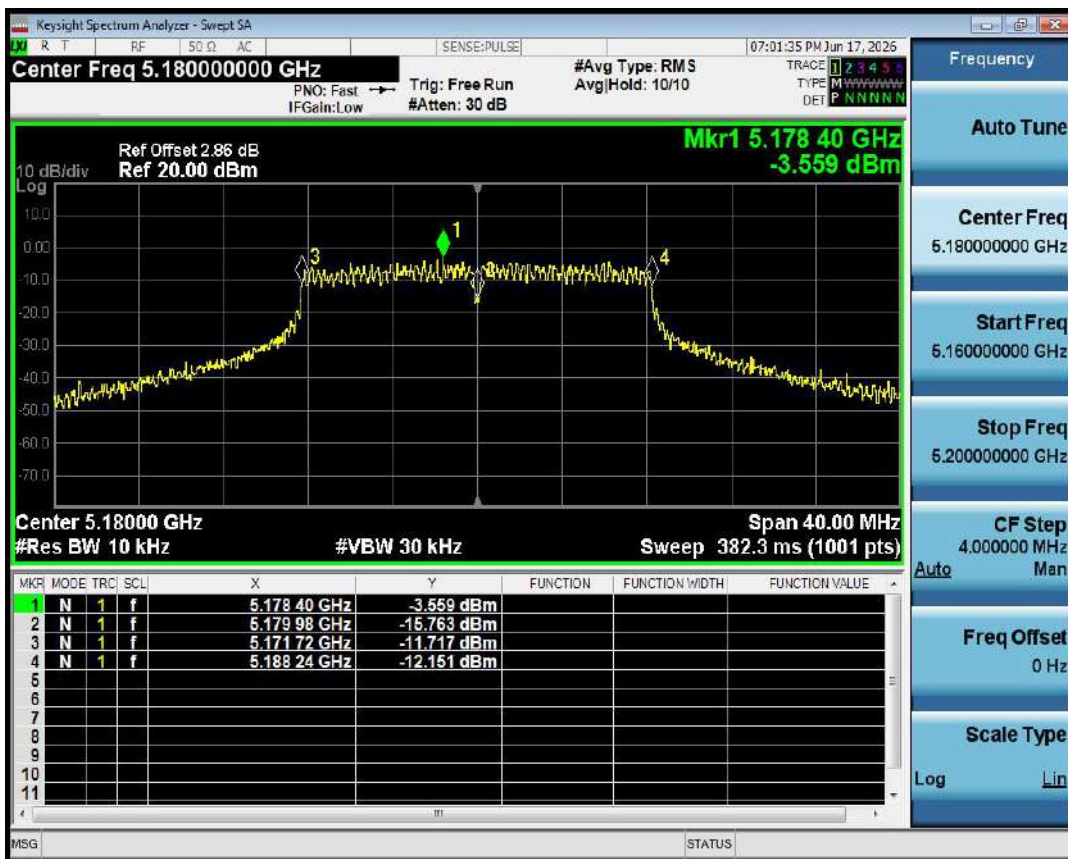


Band Edge NVNT ax40 5230MHz High Ant1

Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
NVNT	a	5200	Ant1	5199.98	-20000	-3.85	25	Pass
NVNT	a	5240	Ant1	5240	0	0	25	Pass
NVNT	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
NVNT	n20	5200	Ant1	5200	0	0	25	Pass
NVNT	n20	5240	Ant1	5240	0	0	25	Pass
NVNT	n40	5190	Ant1	5190	0	0	25	Pass
NVNT	n40	5230	Ant1	5230	0	0	25	Pass
NVNT	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
NVNT	ac20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
NVNT	ac20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
NVNT	ac40	5190	Ant1	5190	0	0	25	Pass
NVNT	ac40	5230	Ant1	5230	0	0	25	Pass
NVNT	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
NVNT	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
NVNT	ax20	5240	Ant1	5240	0	0	25	Pass
NVNT	ax40	5190	Ant1	5190	0	0	25	Pass
NVNT	ax40	5230	Ant1	5230	0	0	25	Pass

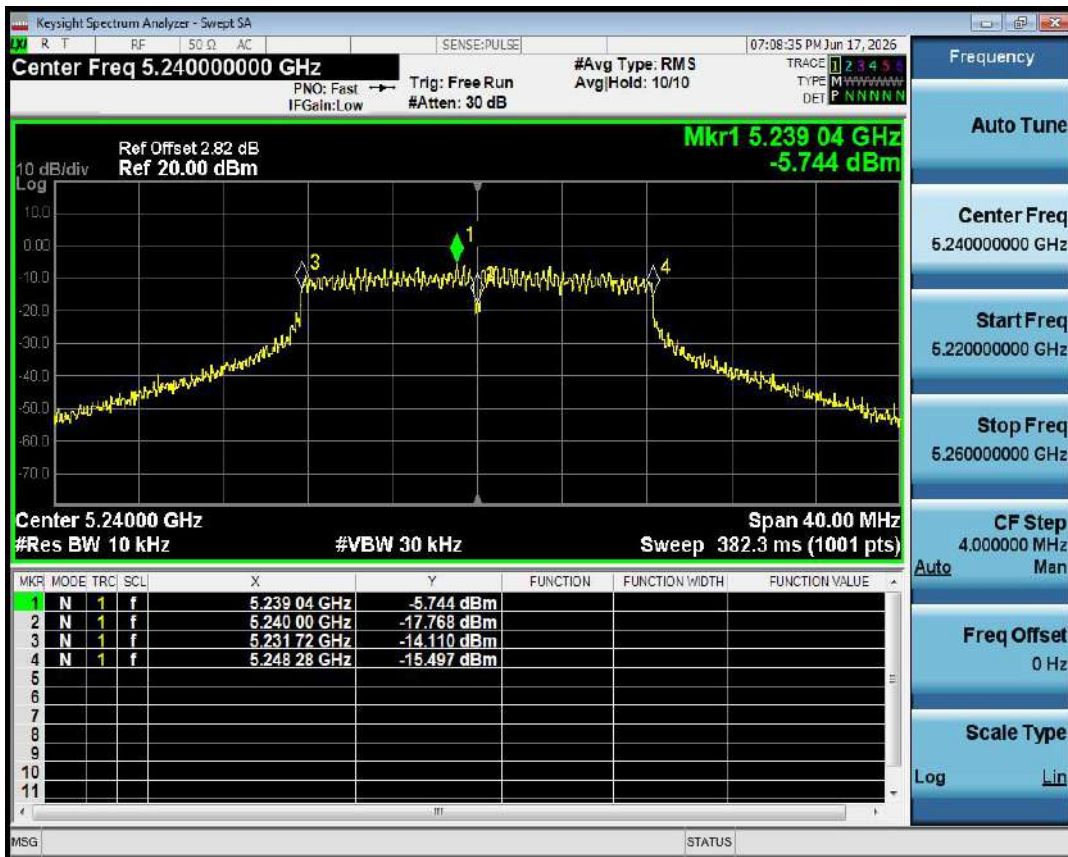
Note: All the modes have been tested, and only the worst data is recorded.



Freq. Stability NVNT a 5180MHz Ant1



Freq. Stability NVNT a 5200MHz Ant1



Freq. Stability NVNT a 5240MHz Ant1



Freq. Stability NVNT n20 5180MHz Ant1



Freq. Stability NVNT n20 5200MHz Ant1



Freq. Stability NVNT n20 5240MHz Ant1



Freq. Stability NVNT n40 5190MHz Ant1



Freq. Stability NVNT n40 5230MHz Ant1



Freq. Stability NVNT ac20 5180MHz Ant1



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Freq. Stability NVNT ac20 5240MHz Ant1



Freq. Stability NVNT ac40 5190MHz Ant1



Freq. Stability NVNT ac40 5230MHz Ant1



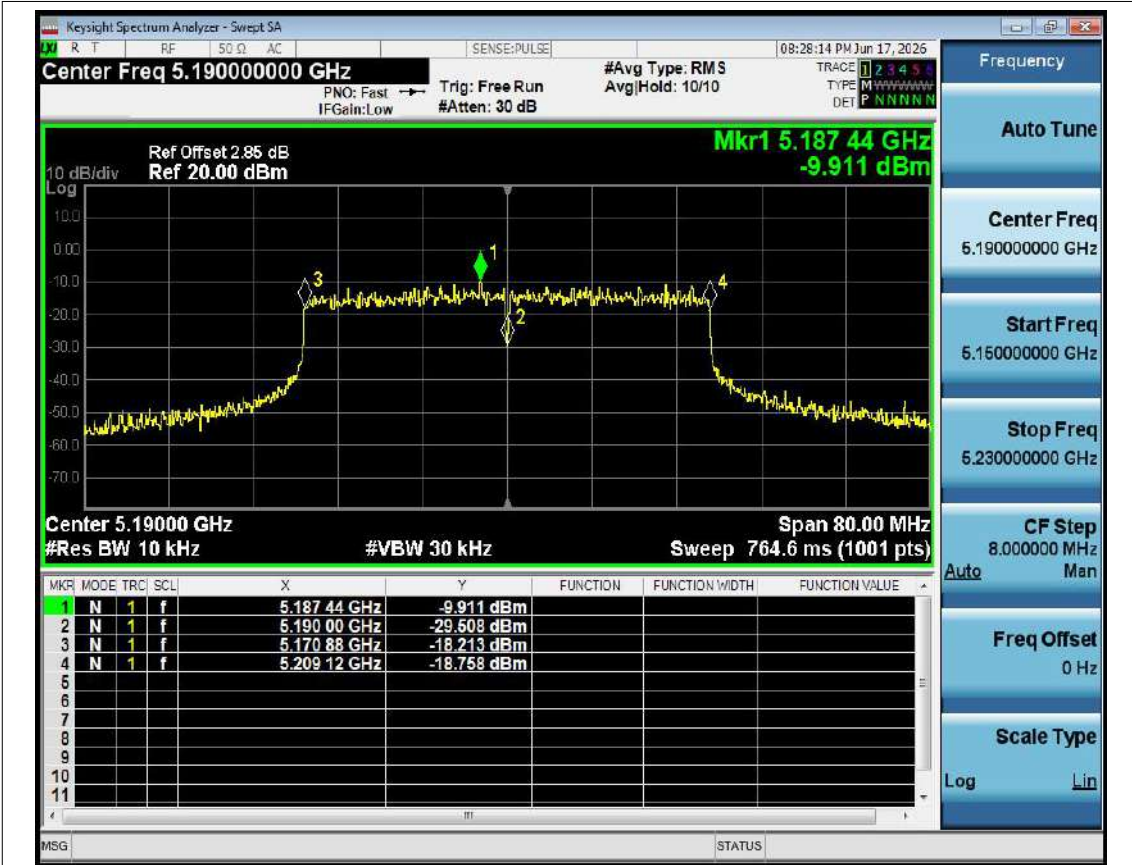
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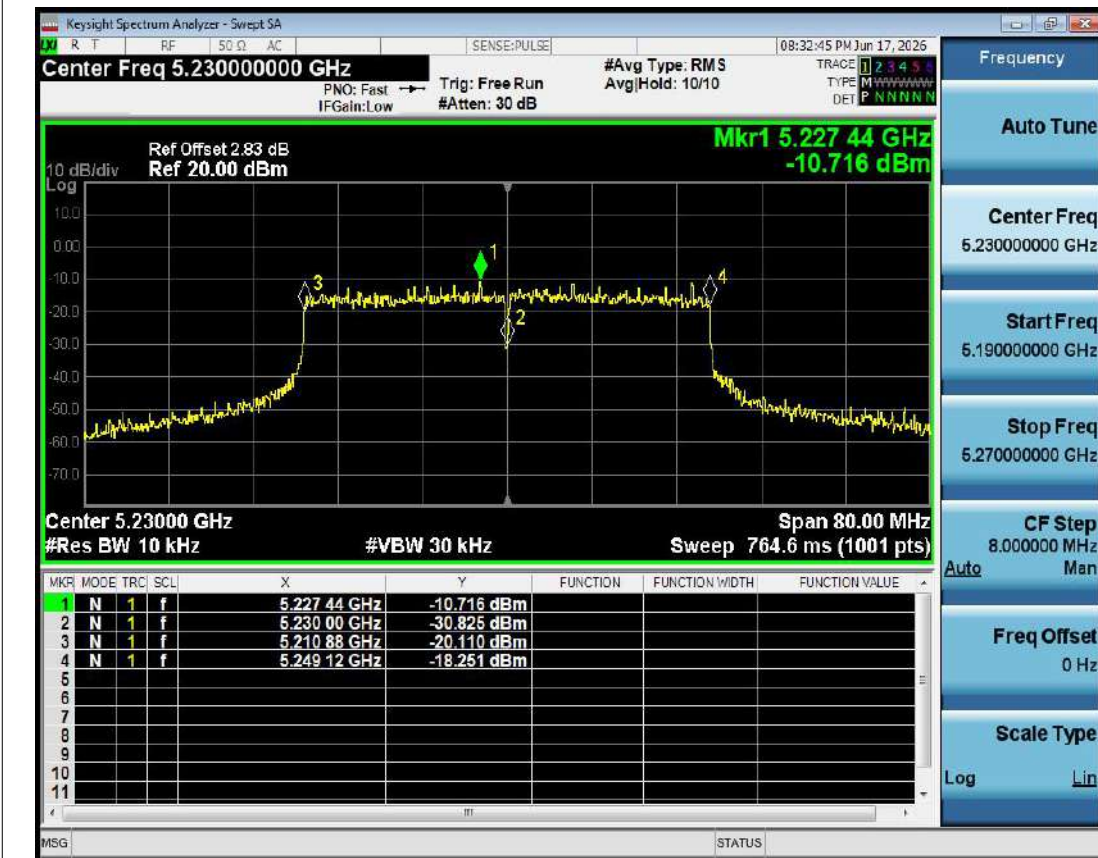
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Freq. Stability NVNT ax40 5190MHz Ant1



Freq. Stability NVNT ax40 5230MHz Ant1