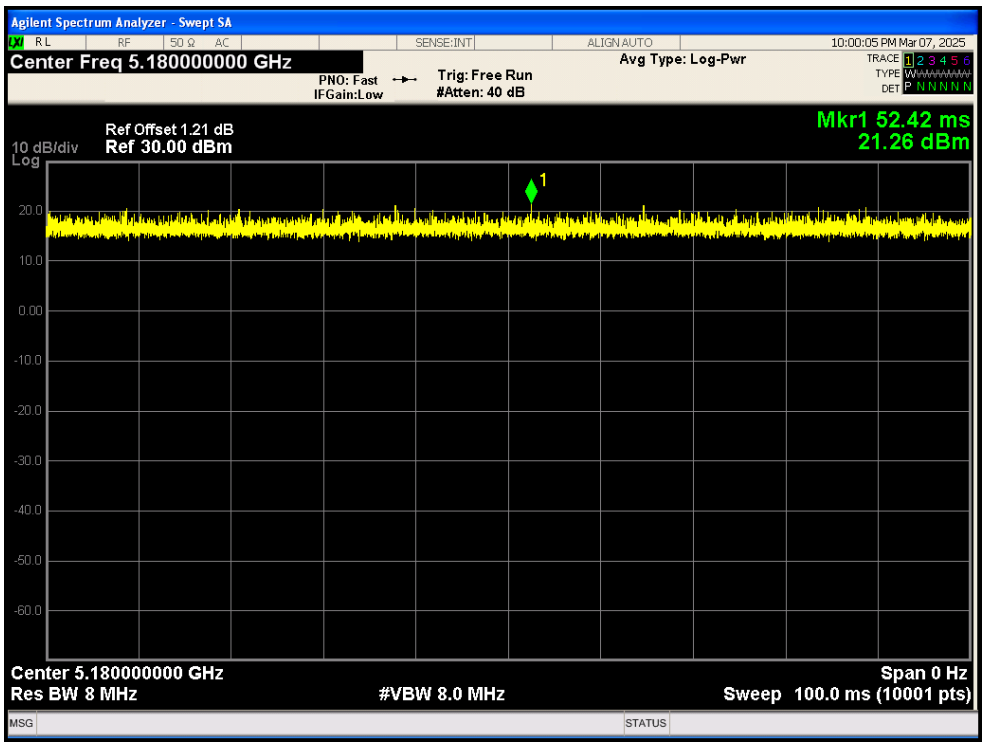
WIFI 5.2G:

Duty Cycle

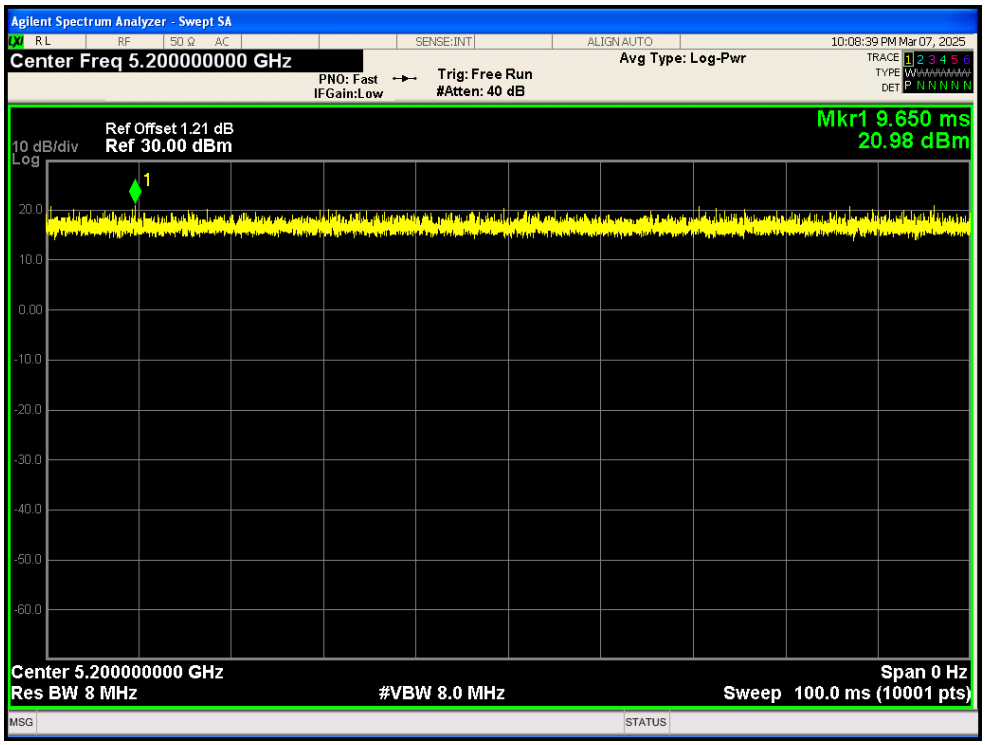
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	100	0
NVNT	a	5200	Ant1	100	0
NVNT	a	5240	Ant1	100	0
NVNT	a	5180	Ant2	100	0
NVNT	a	5200	Ant2	100	0
NVNT	a	5240	Ant2	100	0
NVNT	ac20	5180	Ant1	100	0
NVNT	ac20	5200	Ant1	100	0
NVNT	ac20	5240	Ant1	100	0
NVNT	ac20	5180	Ant2	100	0
NVNT	ac20	5200	Ant2	100	0
NVNT	ac20	5240	Ant2	100	0
NVNT	ac40	5190	Ant1	100	0
NVNT	ac40	5230	Ant1	100	0
NVNT	ac40	5190	Ant2	100	0
NVNT	ac40	5230	Ant2	100	0
NVNT	ac80	5210	Ant1	100	0
NVNT	ac80	5210	Ant2	100	0
NVNT	ax20	5180	Ant1	100	0
NVNT	ax20	5200	Ant1	100	0
NVNT	ax20	5240	Ant1	100	0
NVNT	ax20	5180	Ant2	100	0
NVNT	ax20	5200	Ant2	100	0
NVNT	ax20	5240	Ant2	100	0
NVNT	ax40	5190	Ant1	100	0
NVNT	ax40	5230	Ant1	100	0
NVNT	ax40	5190	Ant2	100	0
NVNT	ax40	5230	Ant2	100	0
NVNT	ax80	5210	Ant1	100	0
NVNT	ax80	5210	Ant2	100	0
NVNT	n20	5180	Ant1	100	0
NVNT	n20	5200	Ant1	100	0
NVNT	n20	5240	Ant1	100	0
NVNT	n20	5180	Ant2	100	0
NVNT	n20	5200	Ant2	100	0
NVNT	n20	5240	Ant2	100	0

NVNT	n40	5190	Ant1	100	0
NVNT	n40	5230	Ant1	100	0
NVNT	n40	5190	Ant2	100	0
NVNT	n40	5230	Ant2	100	0

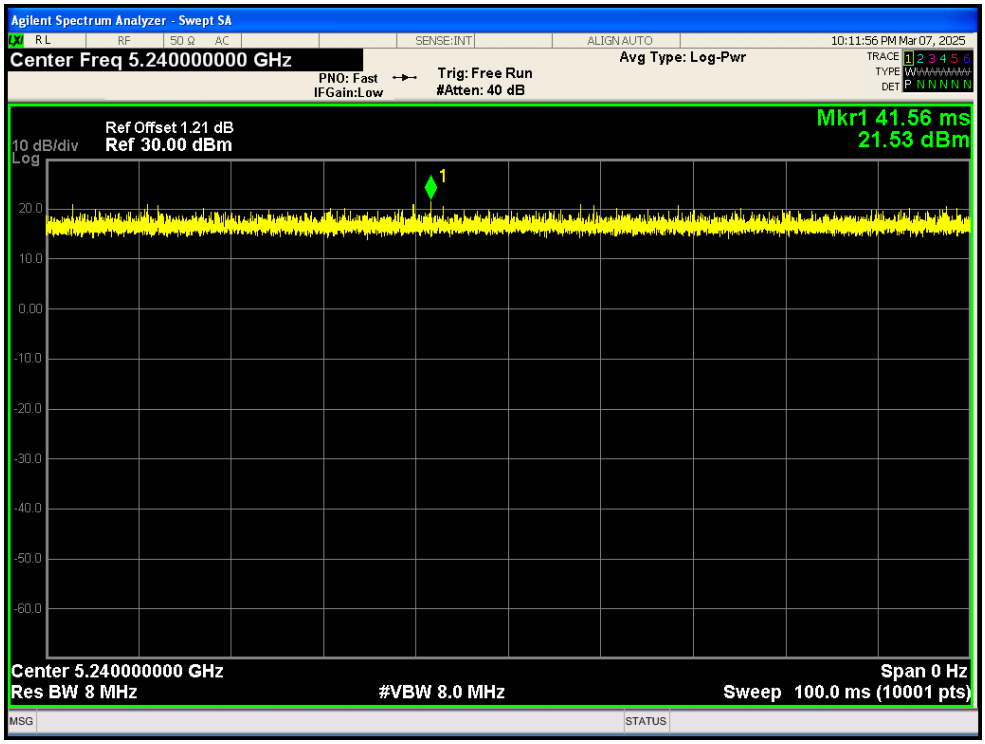
Duty Cycle NVNT a 5180MHz Ant1



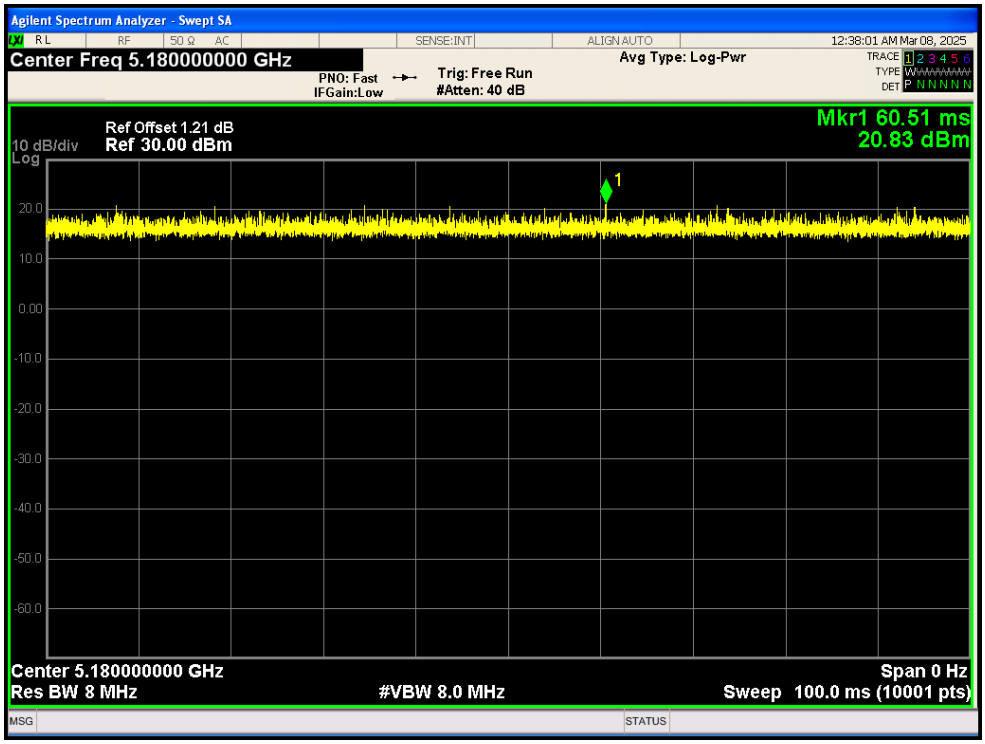
Duty Cycle NVNT a 5200MHz Ant1



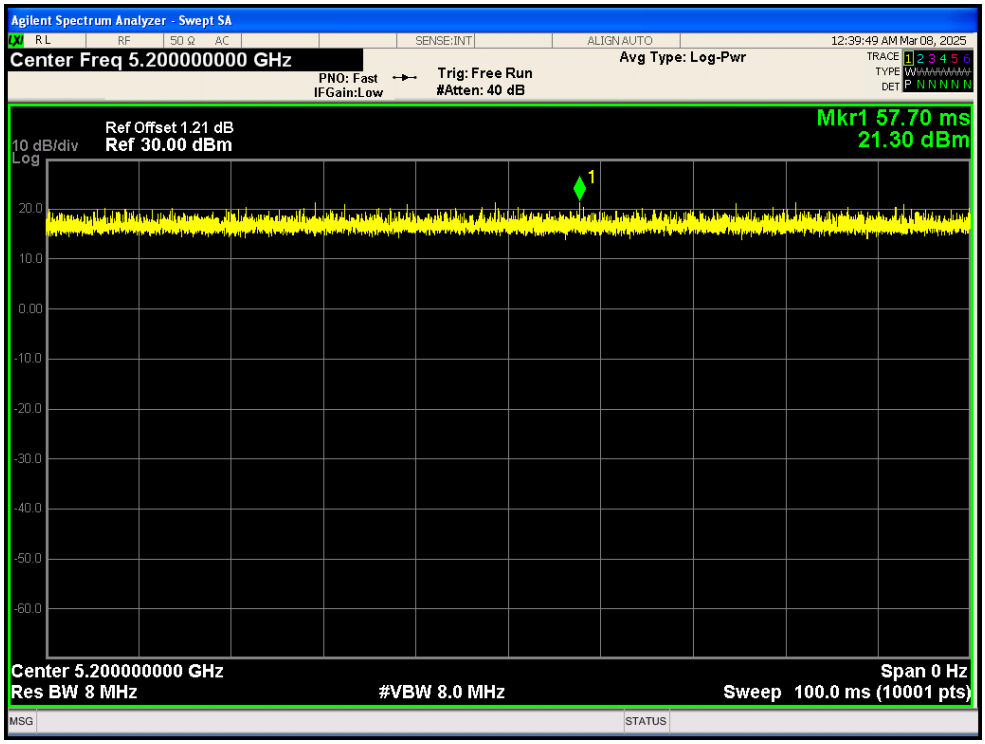
Duty Cycle NVNT a 5240MHz Ant1



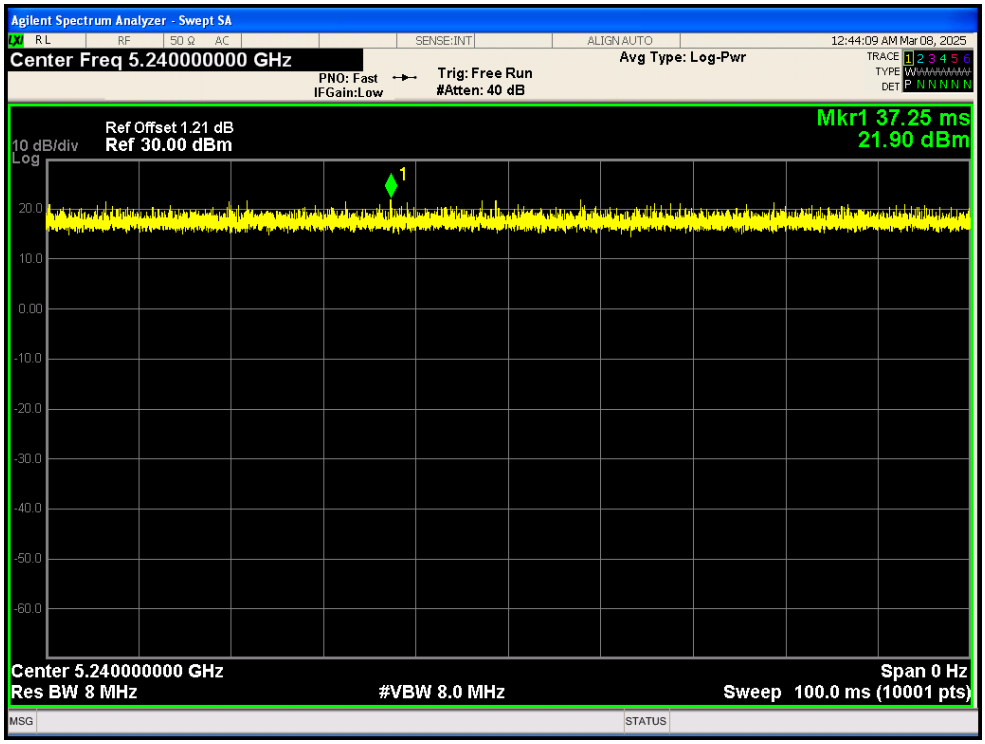
Duty Cycle NVNT a 5180MHz Ant2



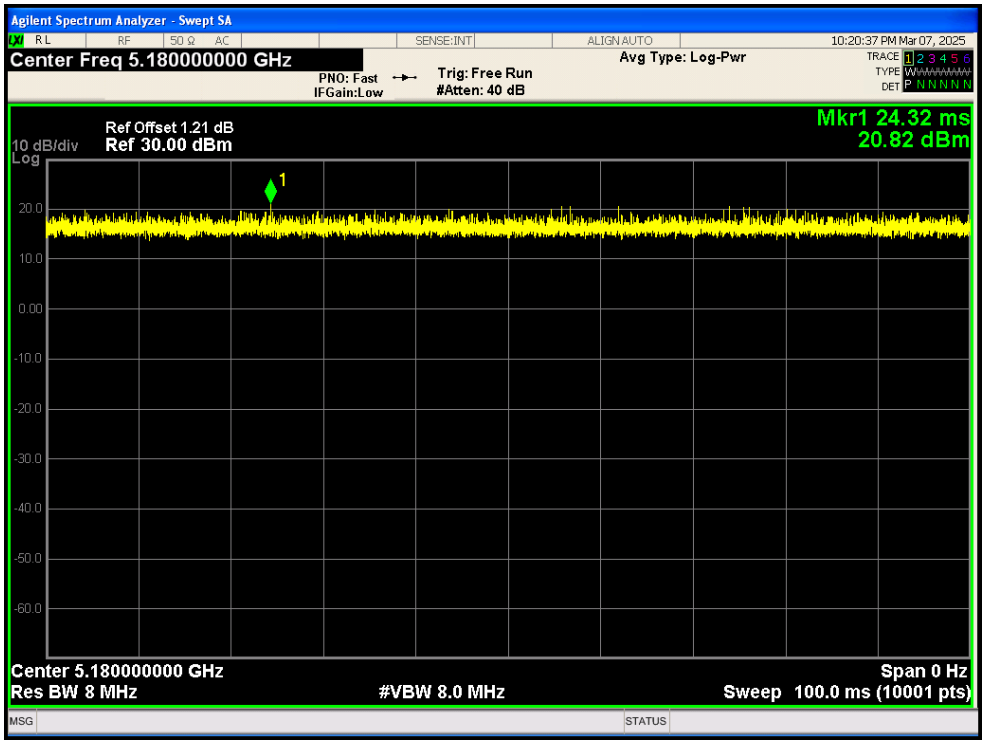
Duty Cycle NVNT a 5200MHz Ant2



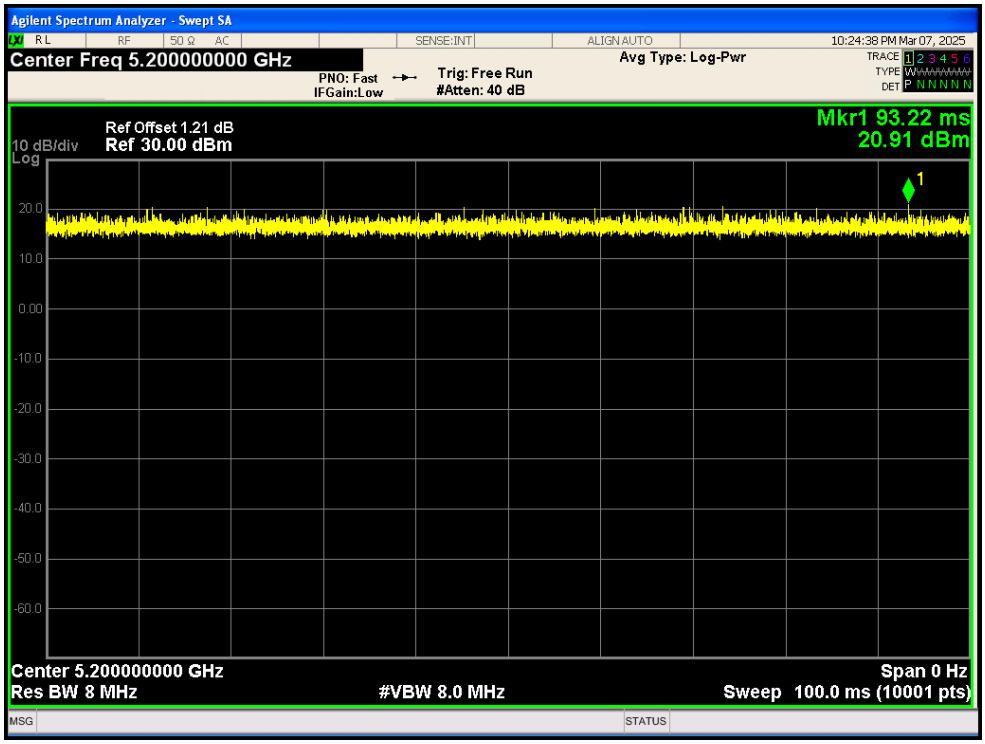
Duty Cycle NVNT a 5240MHz Ant2



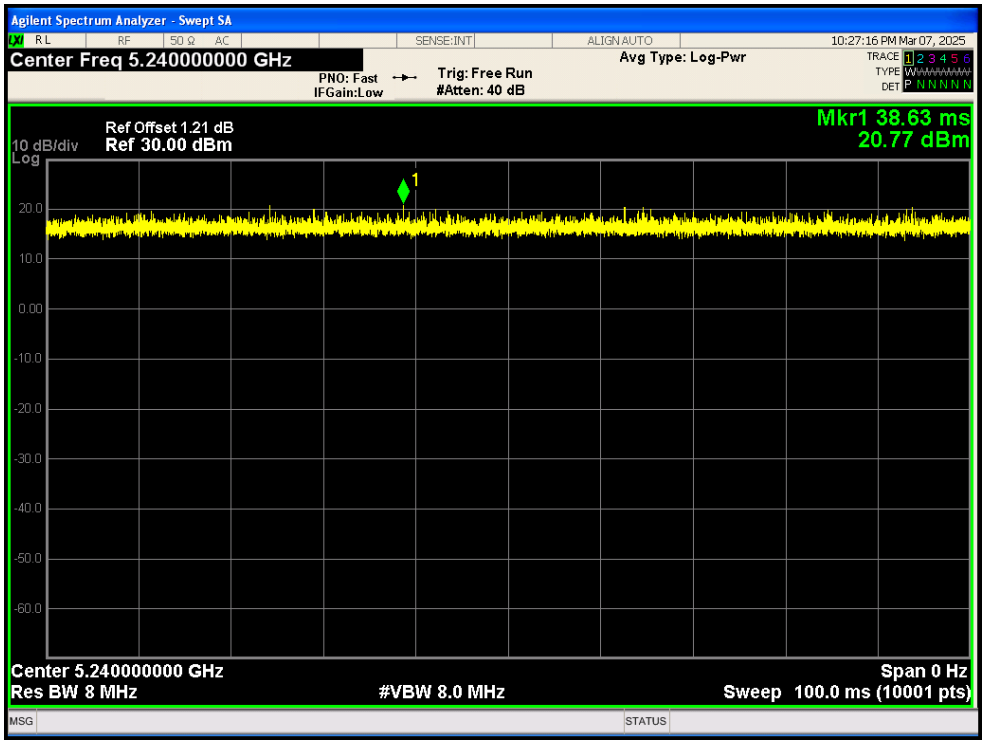
Duty Cycle NVNT ac20 5180MHz Ant1



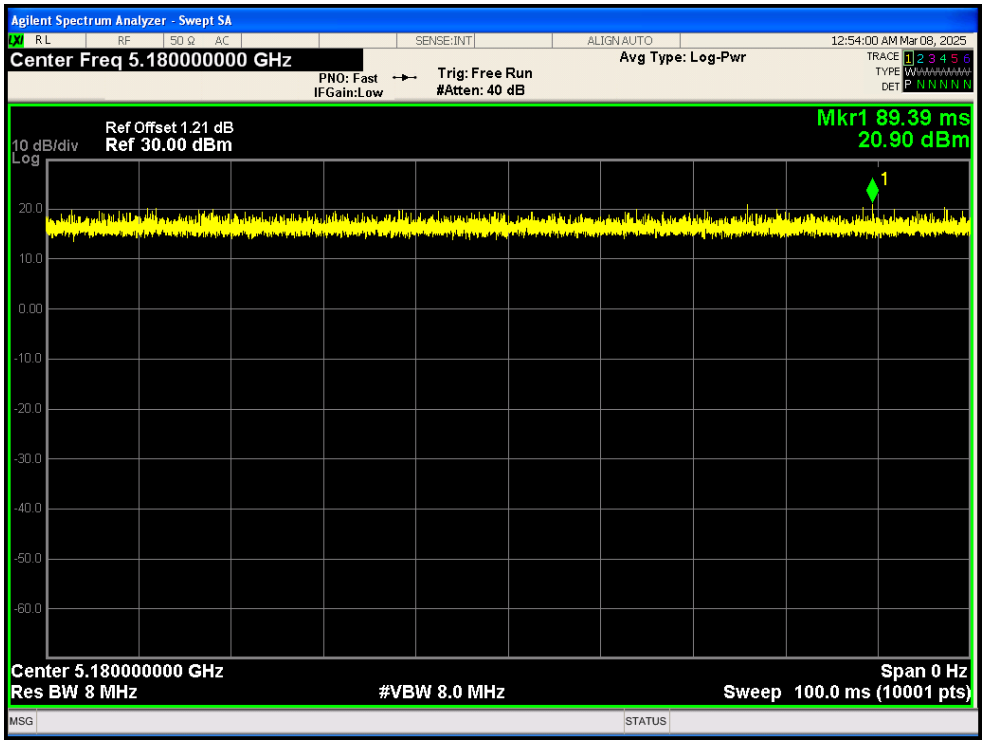
Duty Cycle NVNT ac20 5200MHz Ant1



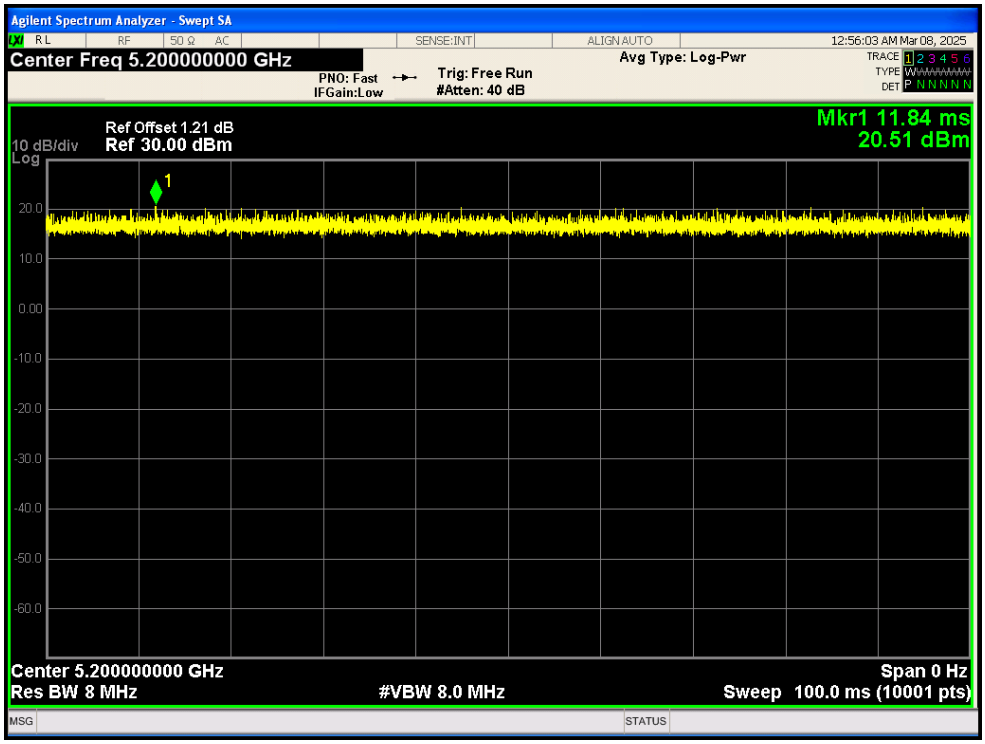
Duty Cycle NVNT ac20 5240MHz Ant1



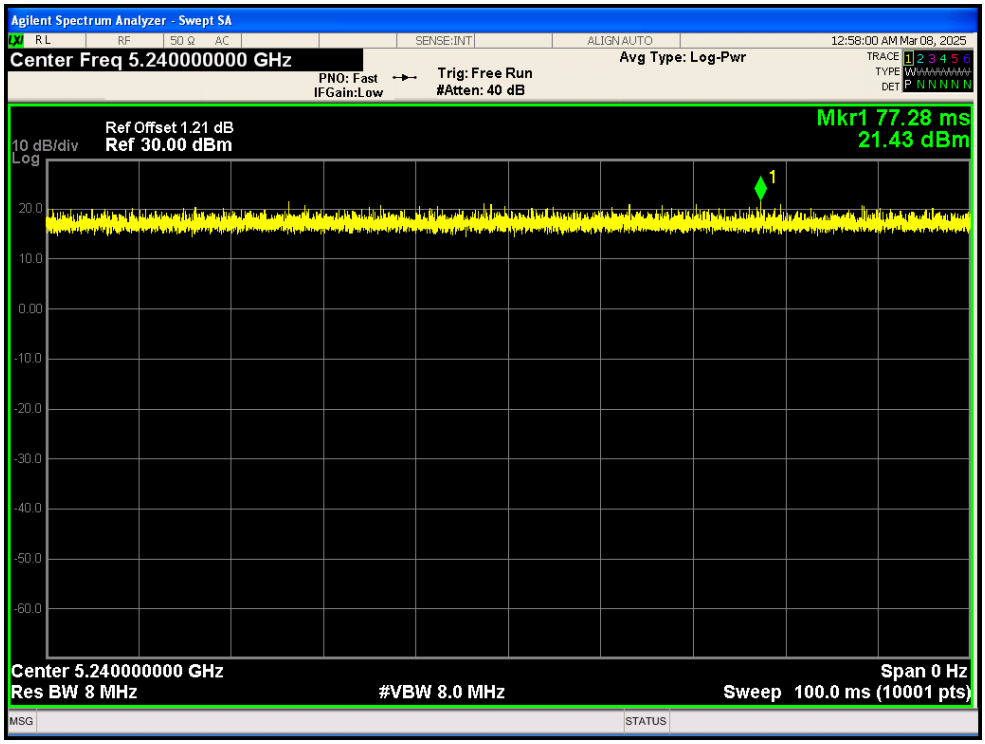
Duty Cycle NVNT ac20 5180MHz Ant2



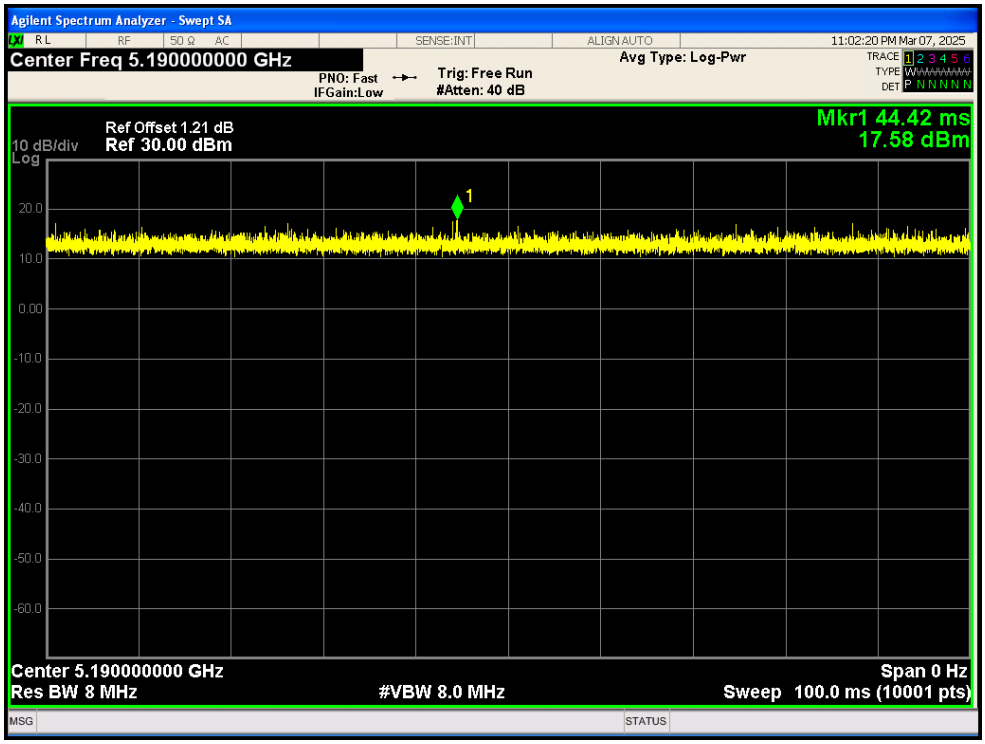
Duty Cycle NVNT ac20 5200MHz Ant2



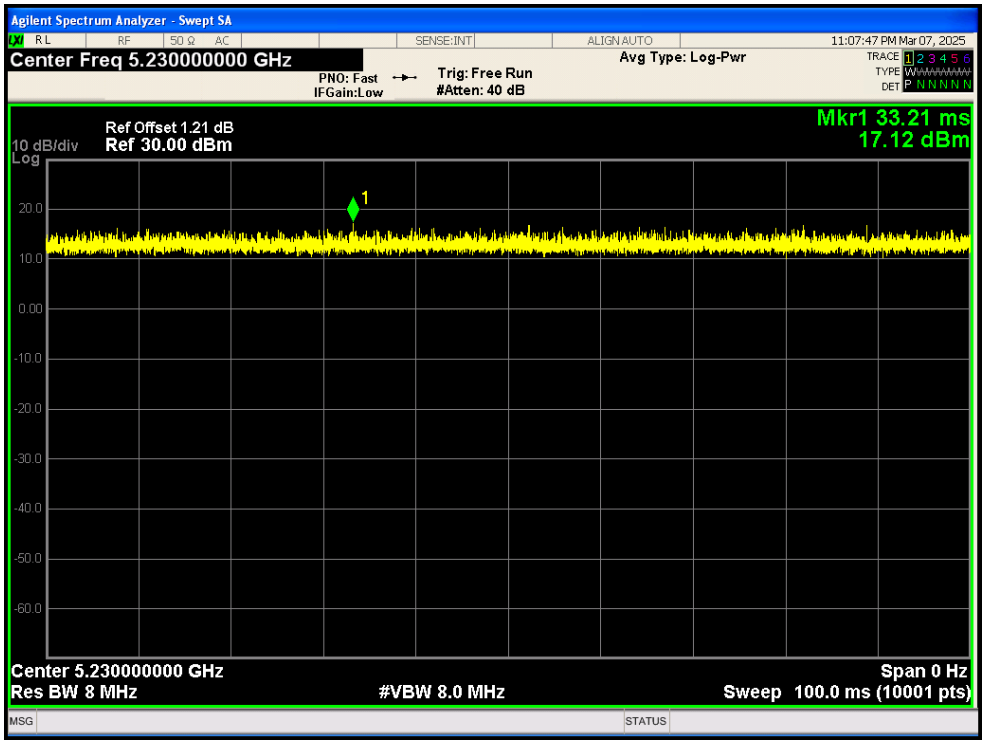
Duty Cycle NVNT ac20 5240MHz Ant2



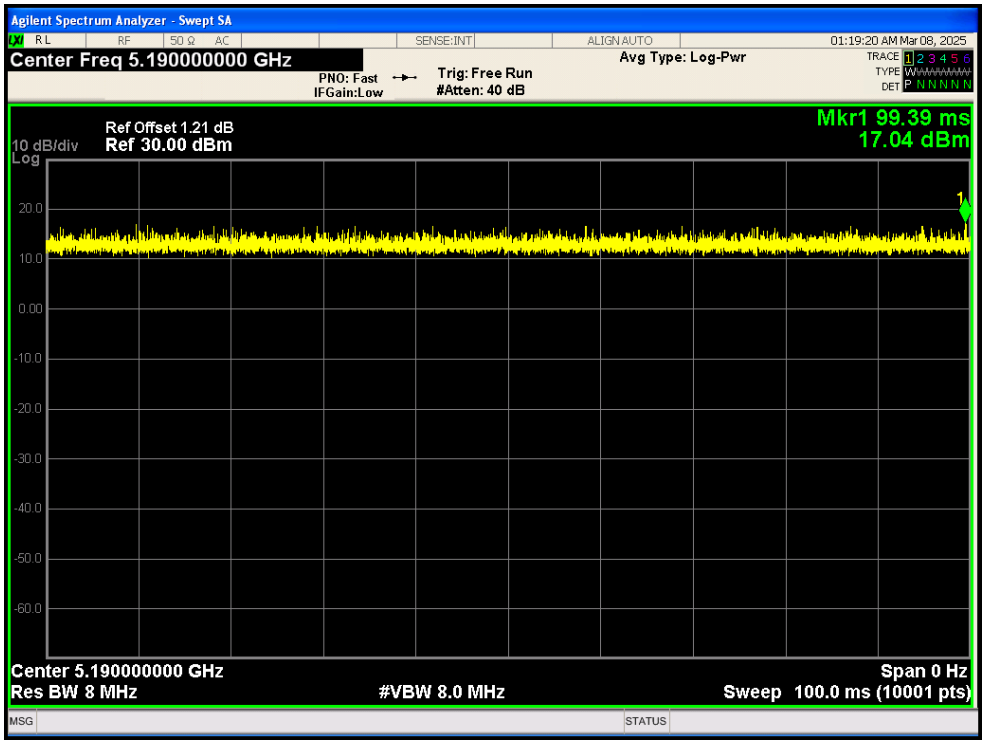
Duty Cycle NVNT ac40 5190MHz Ant1



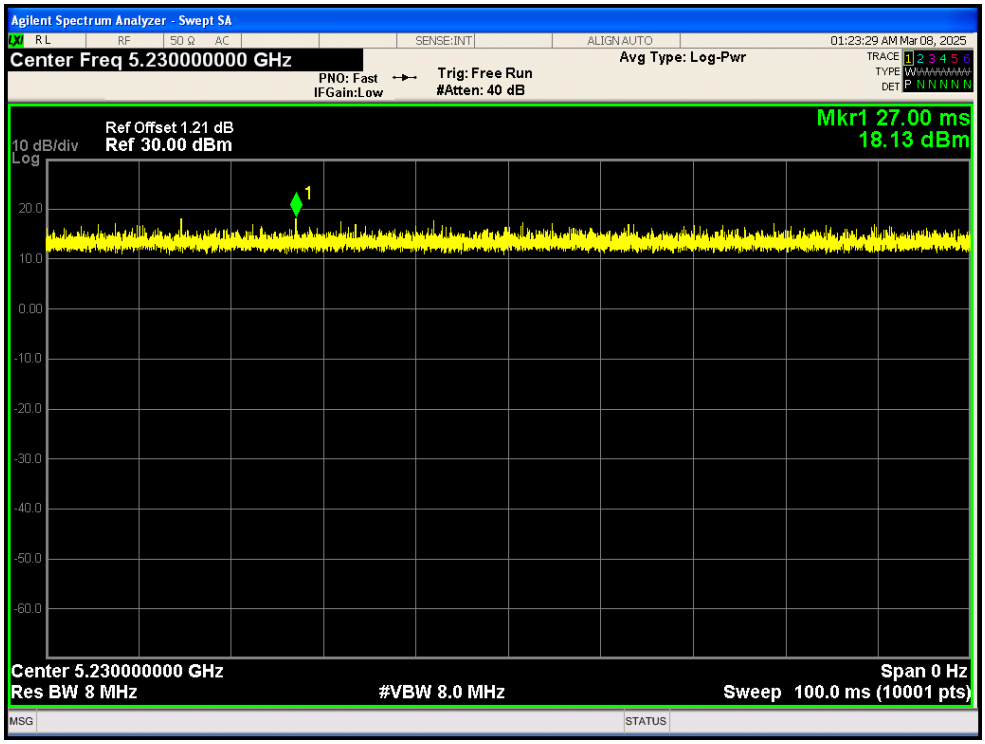
Duty Cycle NVNT ac40 5230MHz Ant1



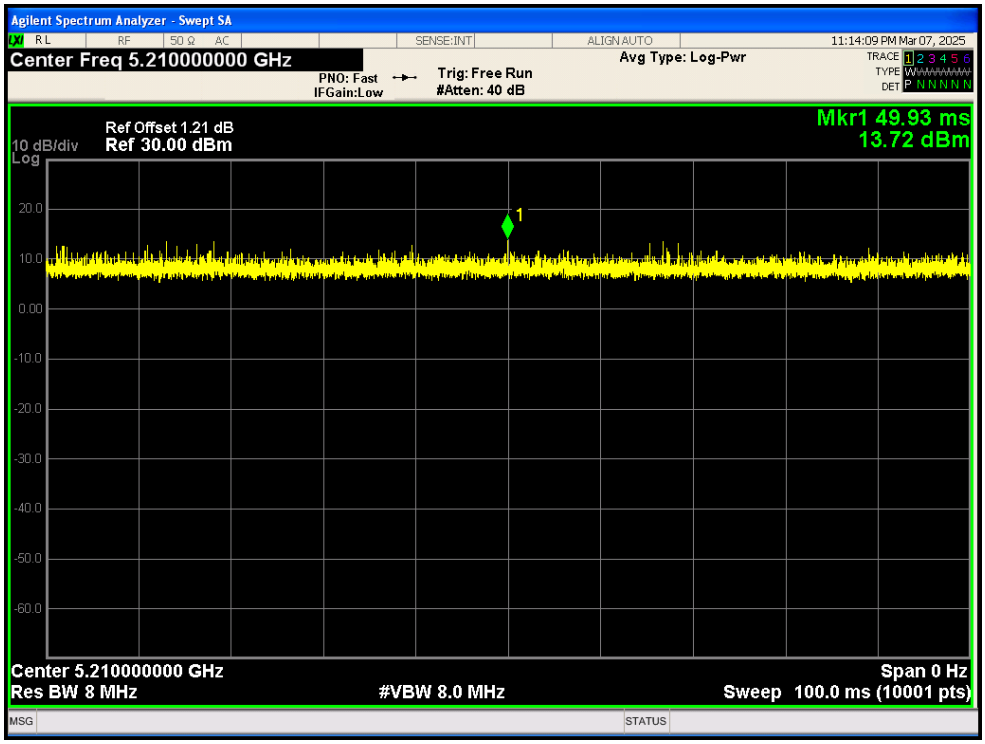
Duty Cycle NVNT ac40 5190MHz Ant2



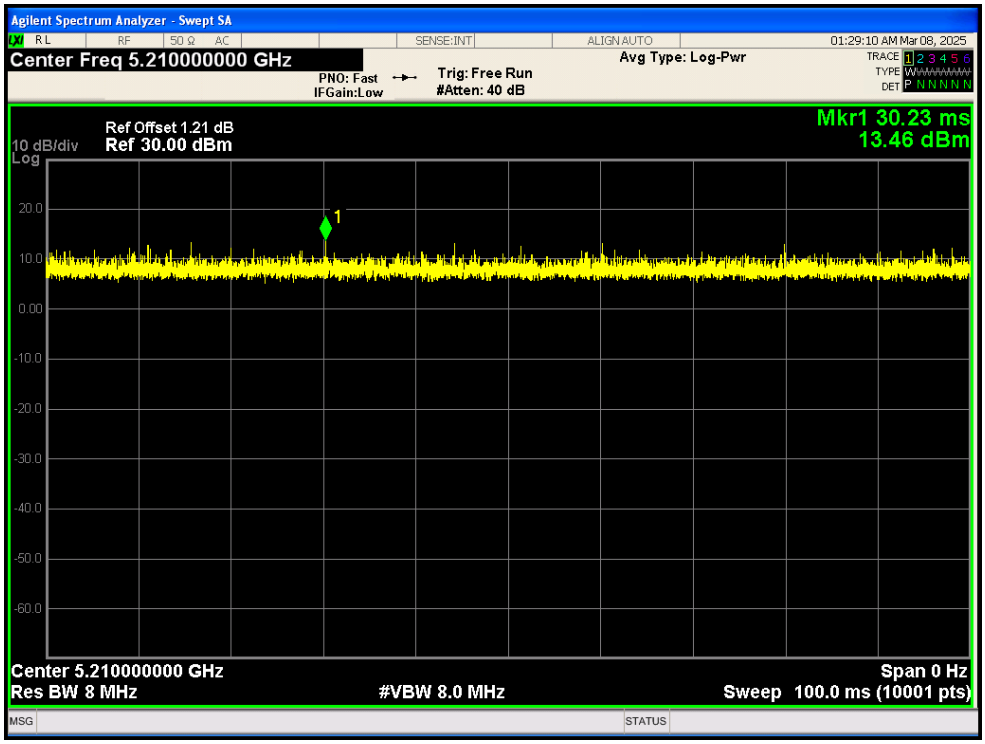
Duty Cycle NVNT ac40 5230MHz Ant2



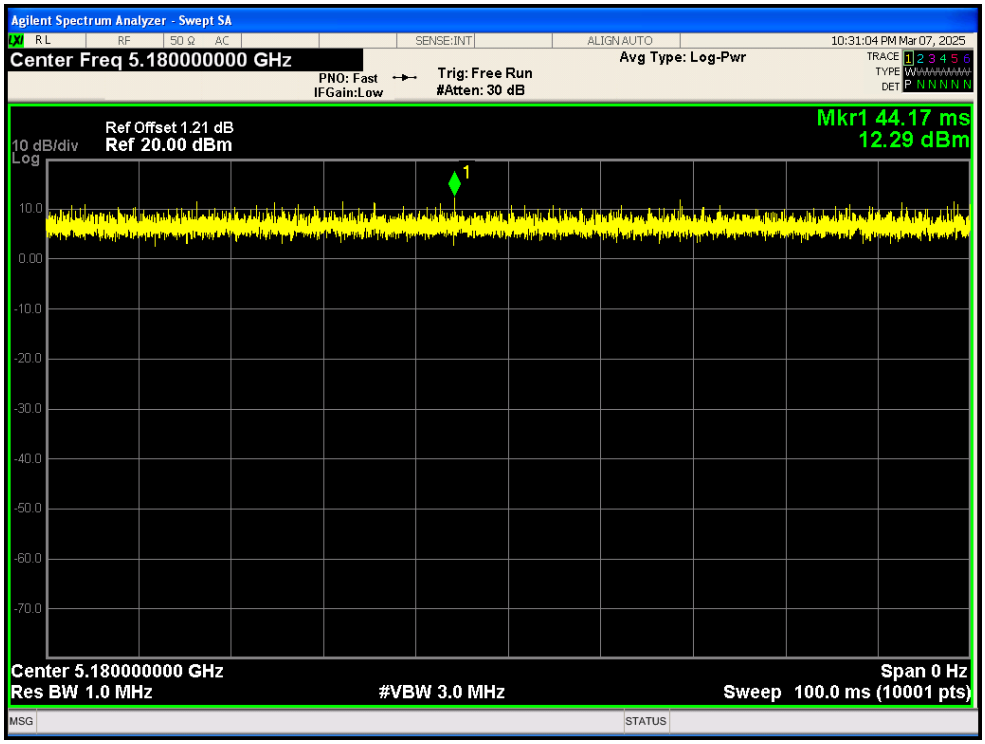
Duty Cycle NVNT ac80 5210MHz Ant1



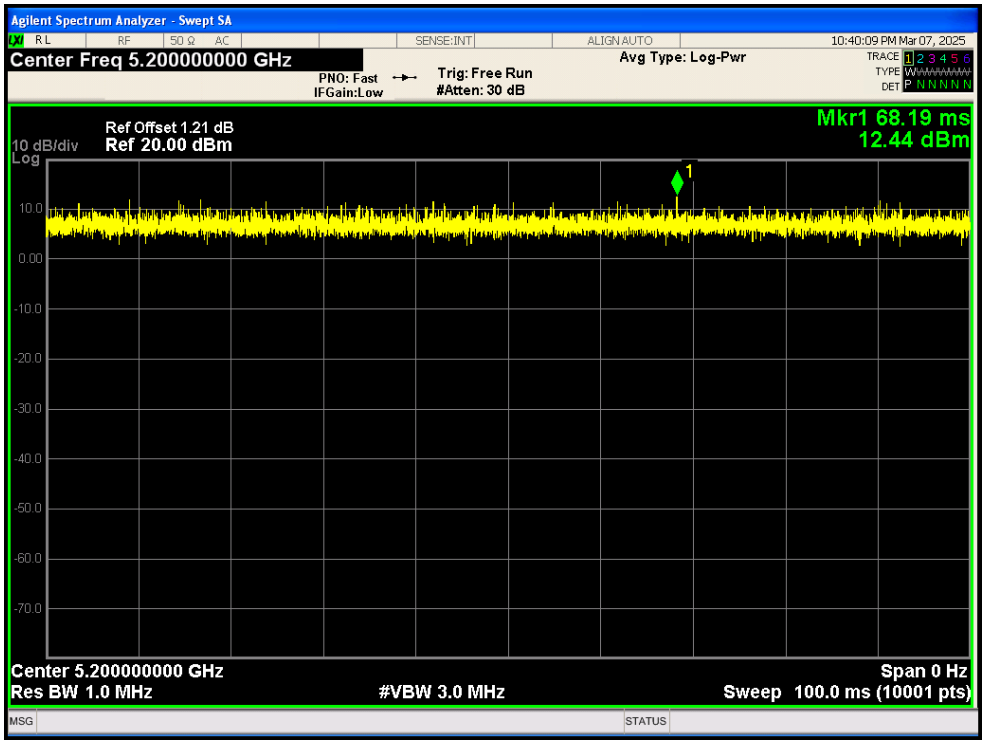
Duty Cycle NVNT ac80 5210MHz Ant2



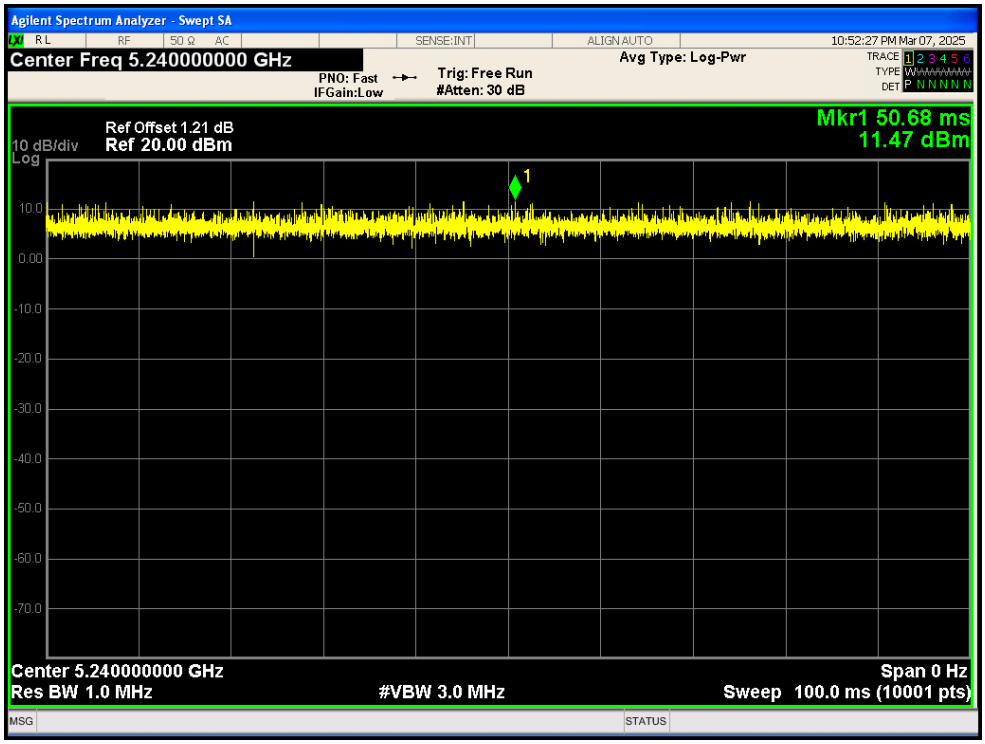
Duty Cycle NVNT ax20 5180MHz Ant1



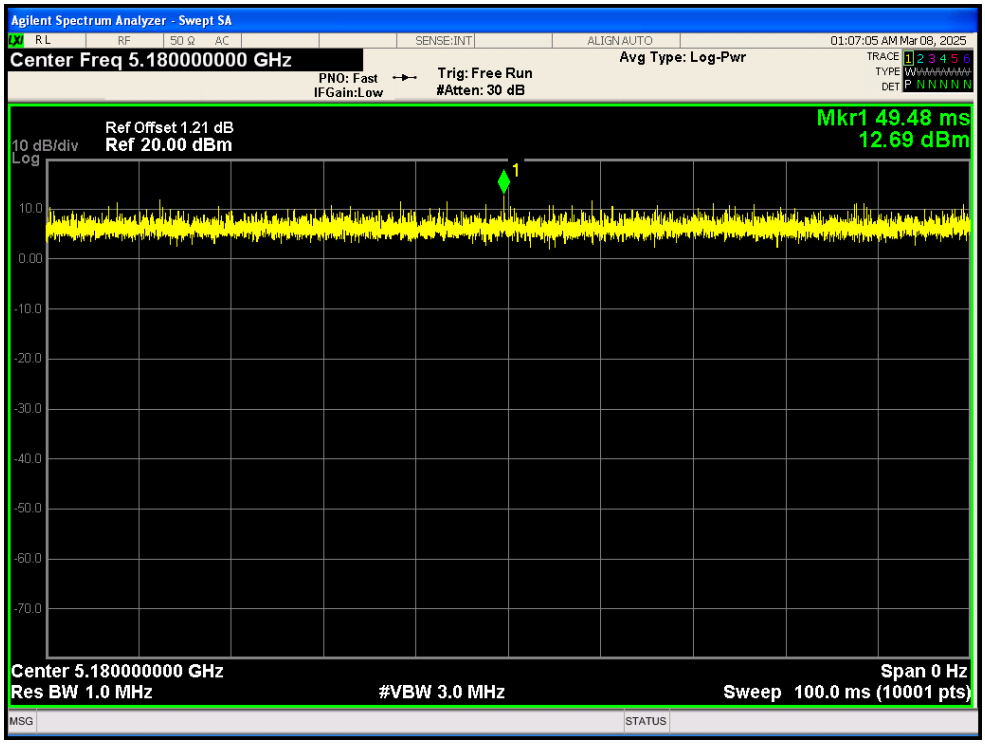
Duty Cycle NVNT ax20 5200MHz Ant1



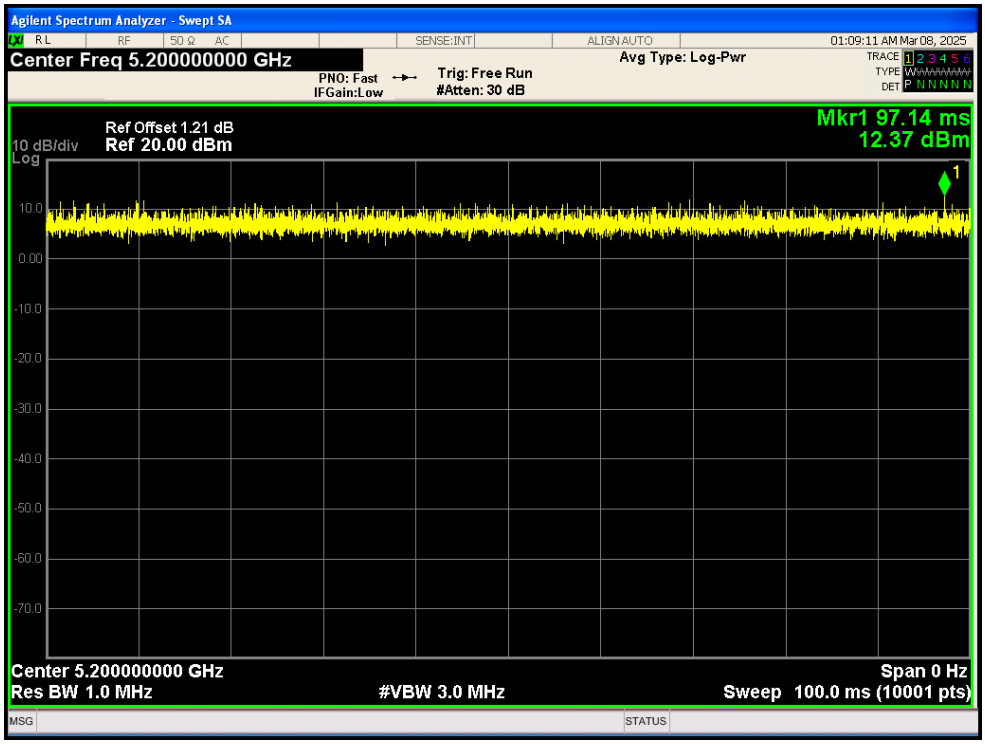
Duty Cycle NVNT ax20 5240MHz Ant1



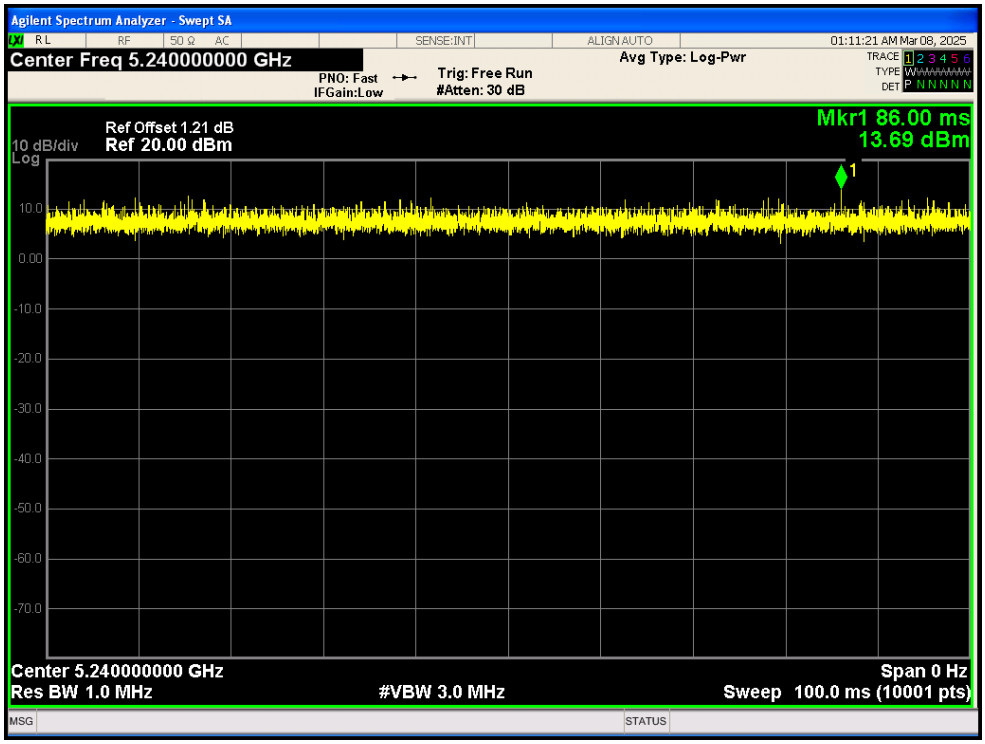
Duty Cycle NVNT ax20 5180MHz Ant2



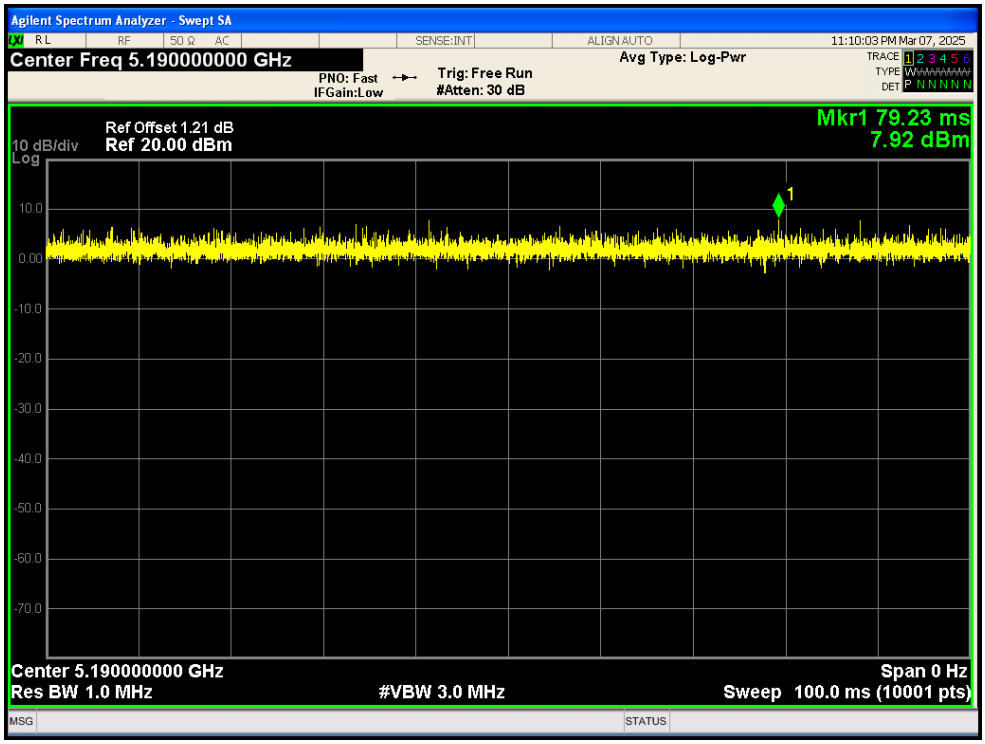
Duty Cycle NVNT ax20 5200MHz Ant2



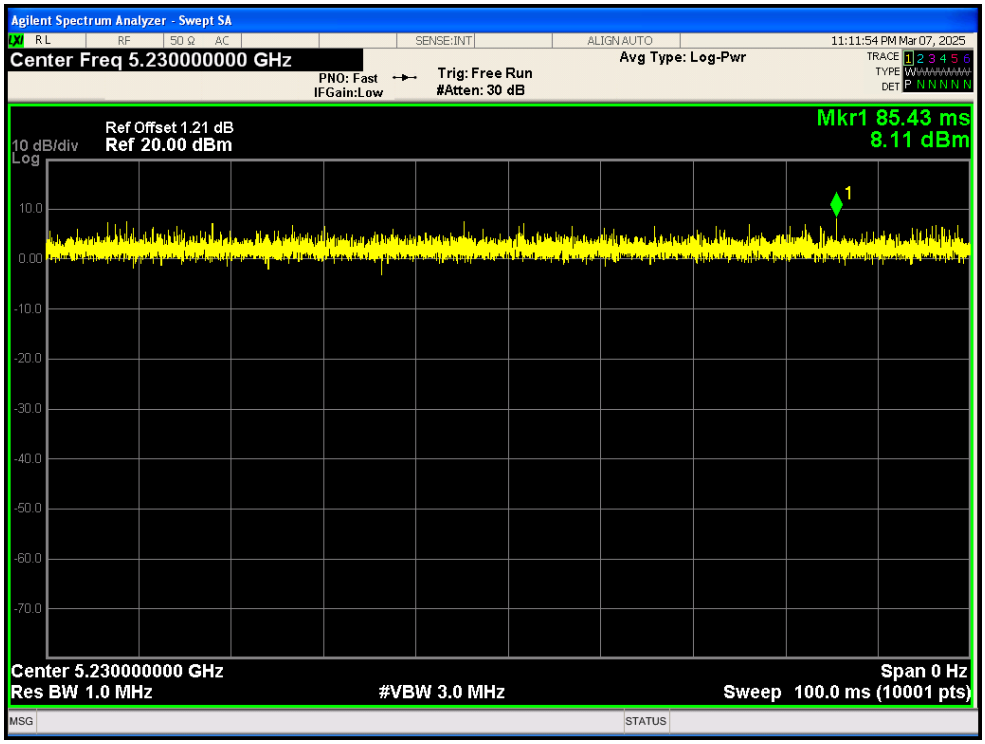
Duty Cycle NVNT ax20 5240MHz Ant2



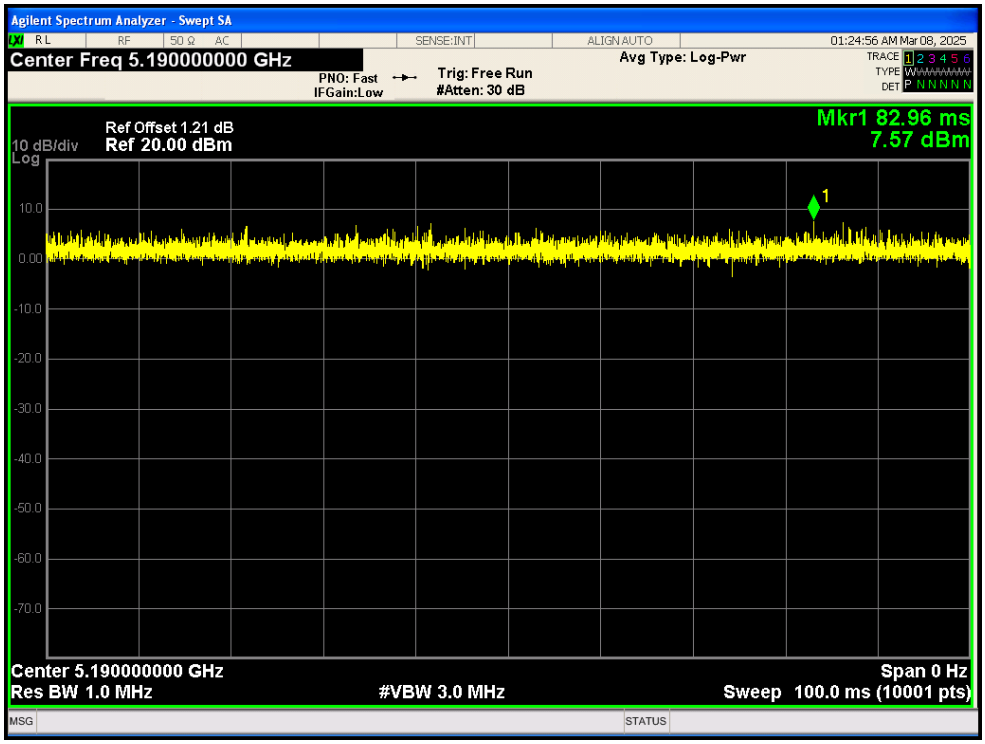
Duty Cycle NVNT ax40 5190MHz Ant1



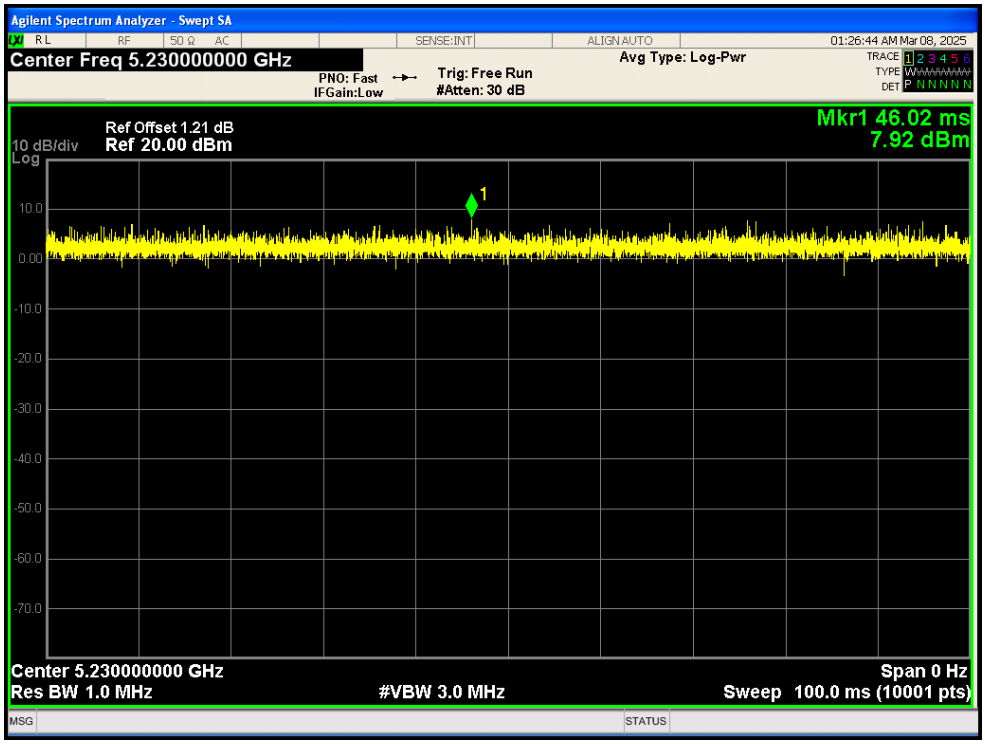
Duty Cycle NVNT ax40 5230MHz Ant1



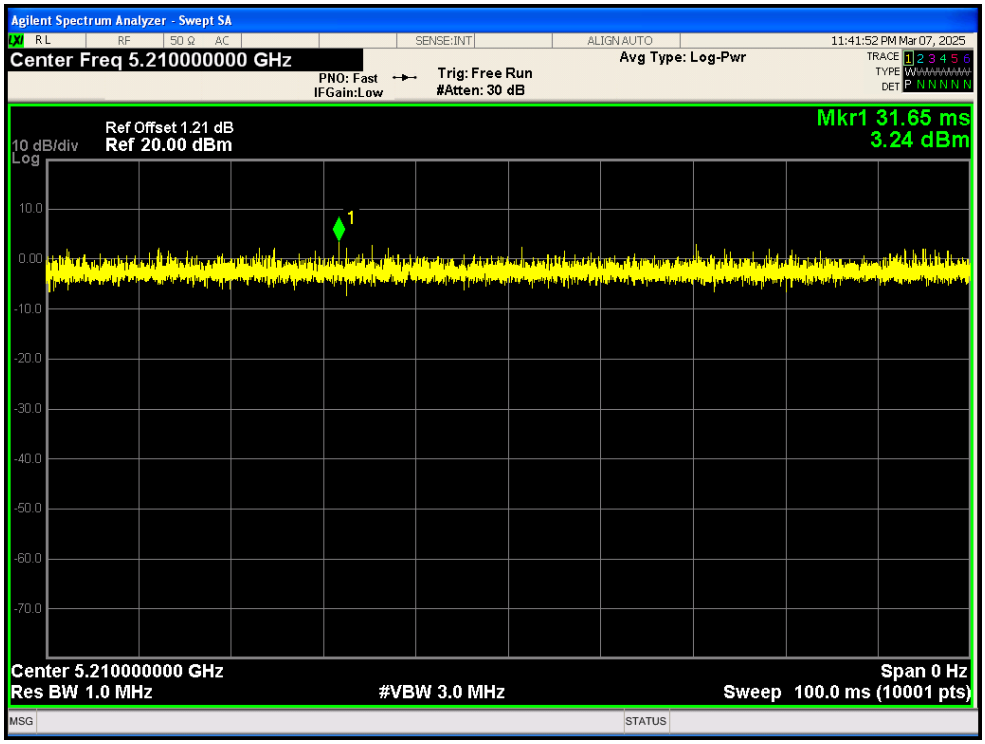
Duty Cycle NVNT ax40 5190MHz Ant2



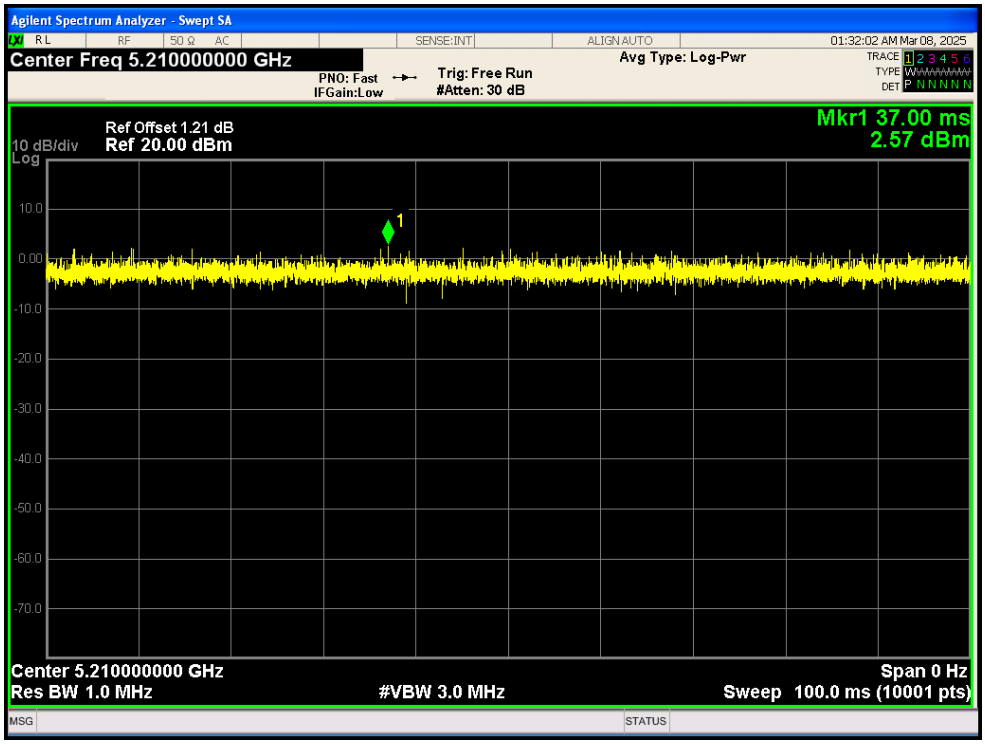
Duty Cycle NVNT ax40 5230MHz Ant2



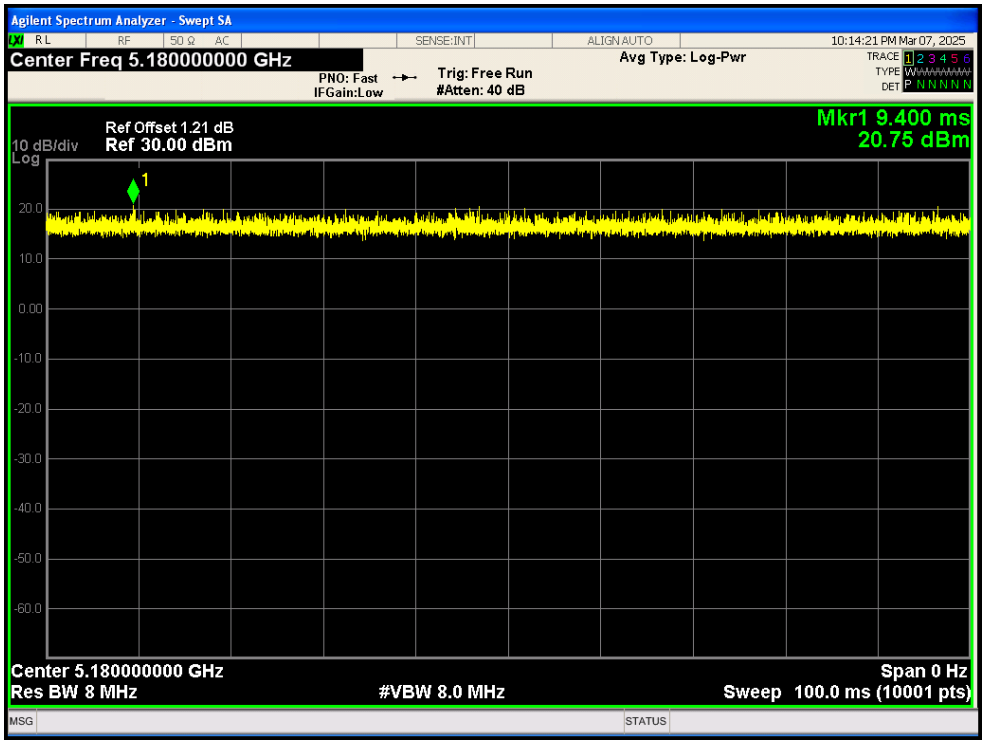
Duty Cycle NVNT ax80 5210MHz Ant1



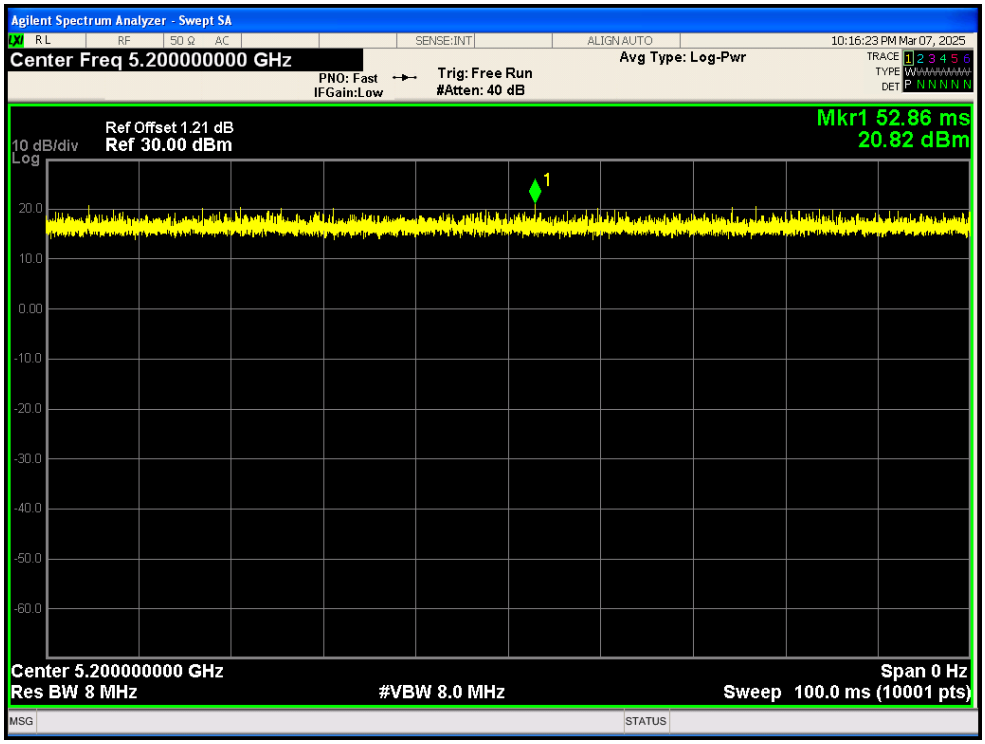
Duty Cycle NVNT ax80 5210MHz Ant2



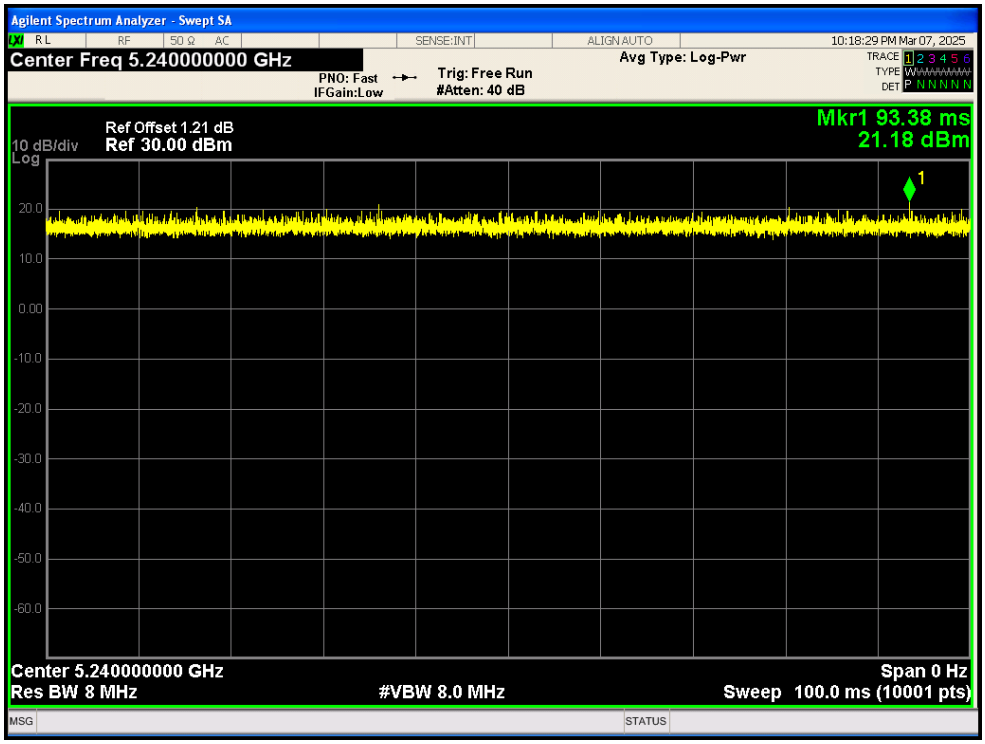
Duty Cycle NVNT n20 5180MHz Ant1



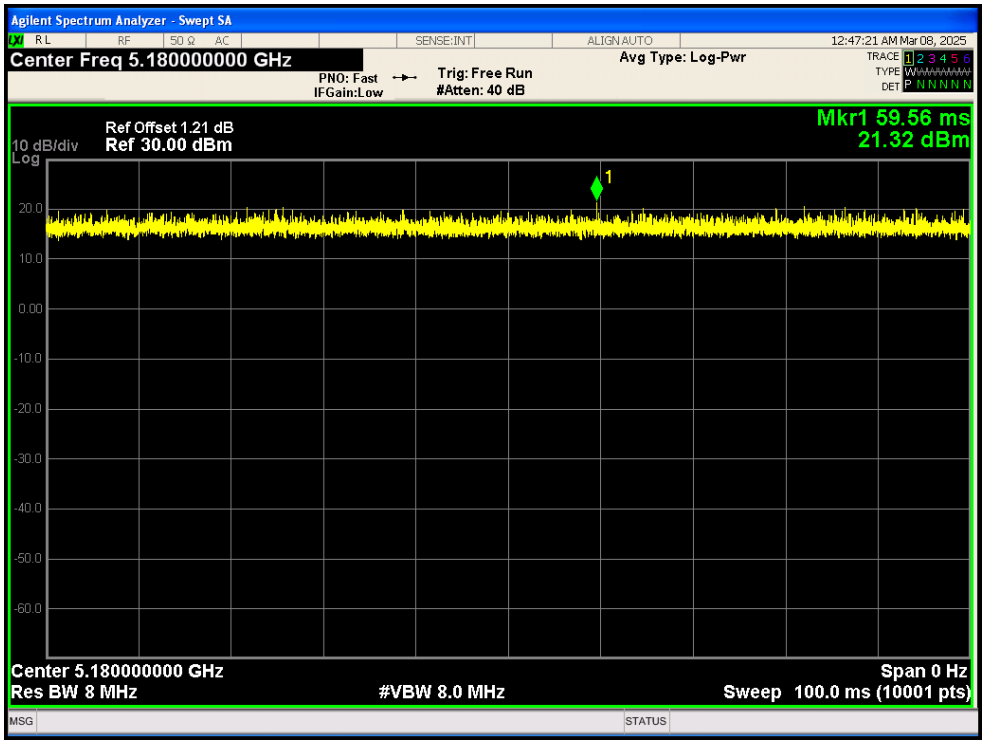
Duty Cycle NVNT n20 5200MHz Ant1



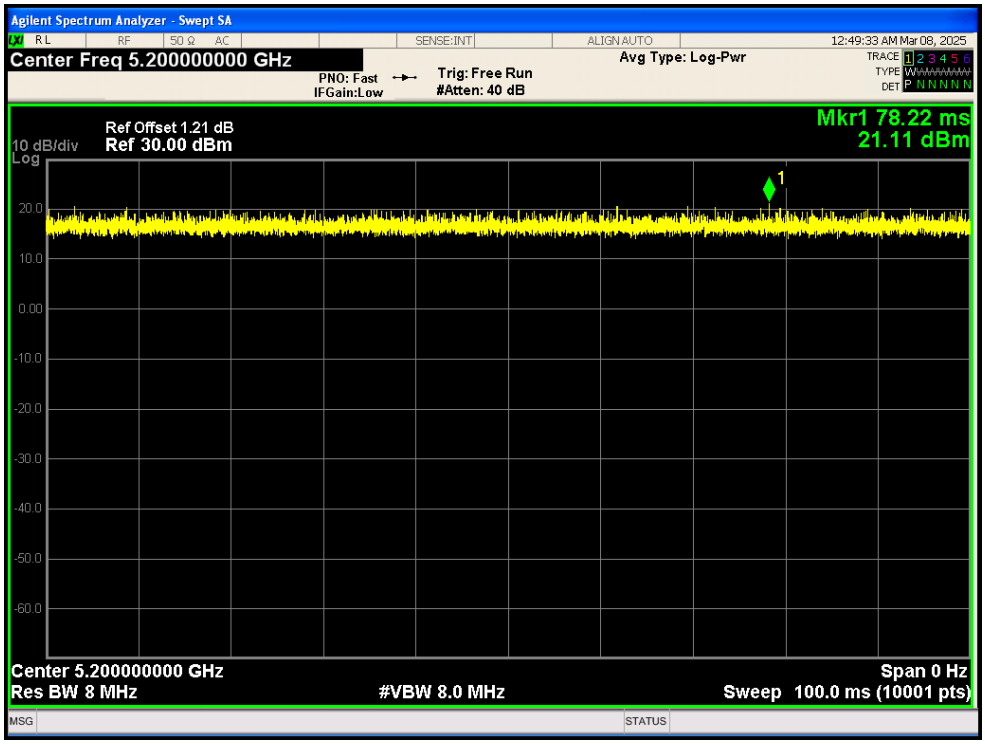
Duty Cycle NVNT n20 5240MHz Ant1



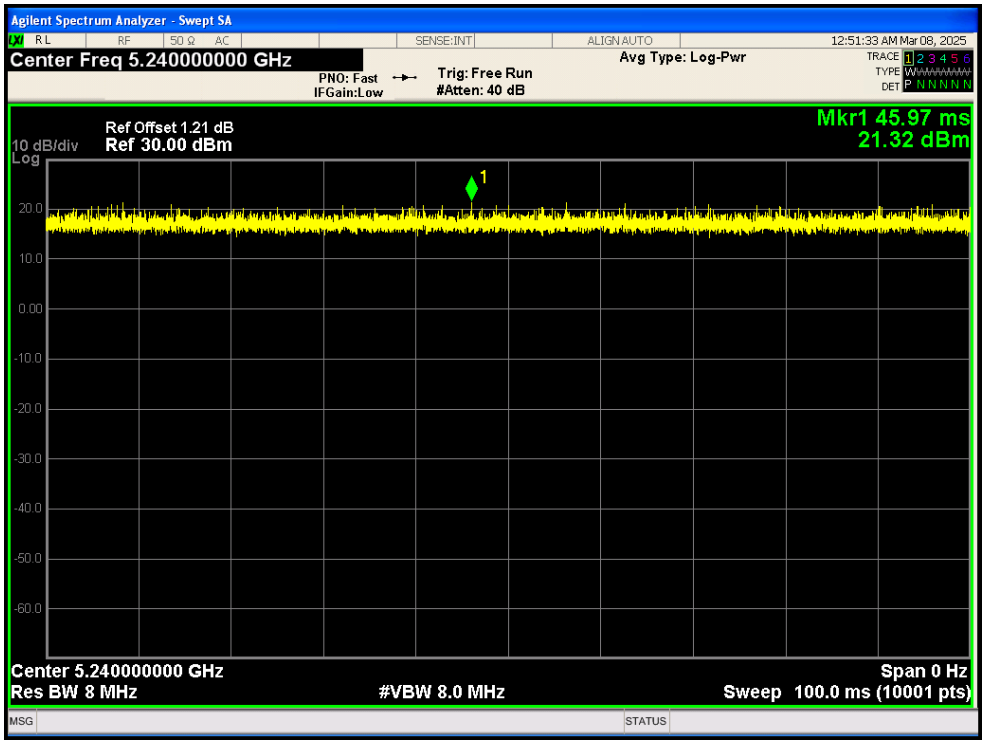
Duty Cycle NVNT n20 5180MHz Ant2



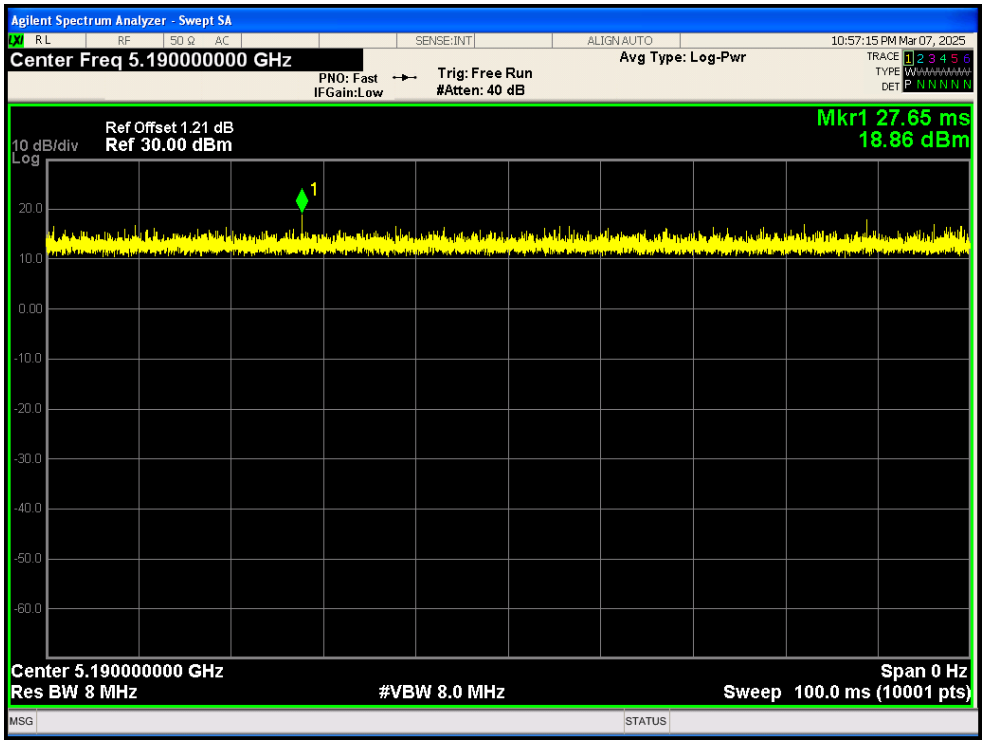
Duty Cycle NVNT n20 5200MHz Ant2



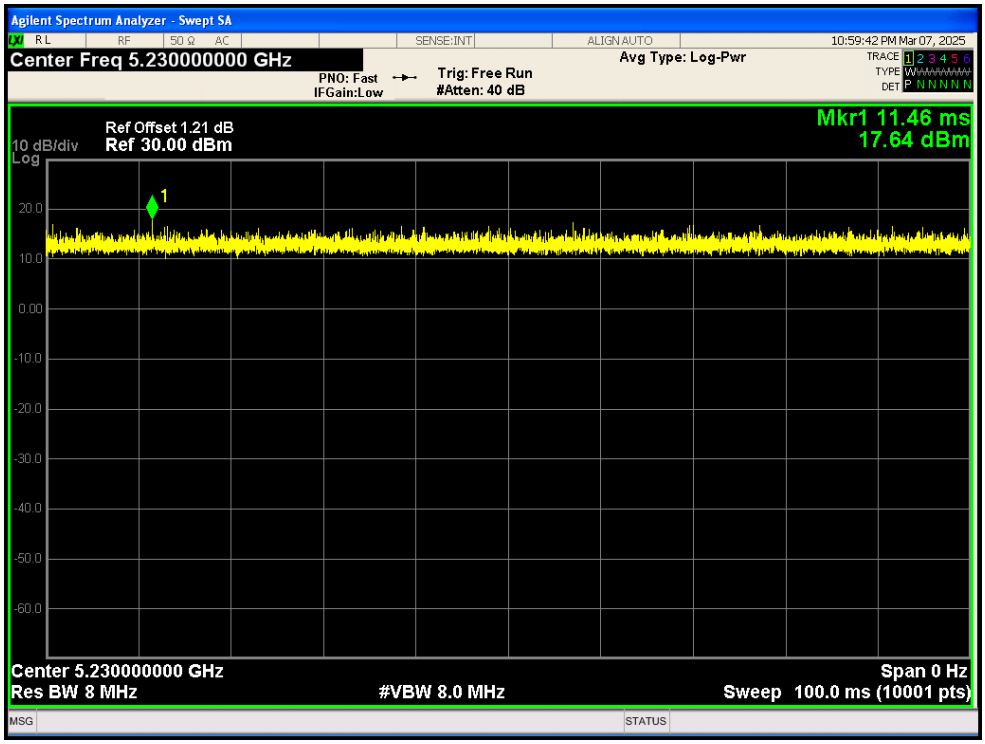
Duty Cycle NVNT n20 5240MHz Ant2



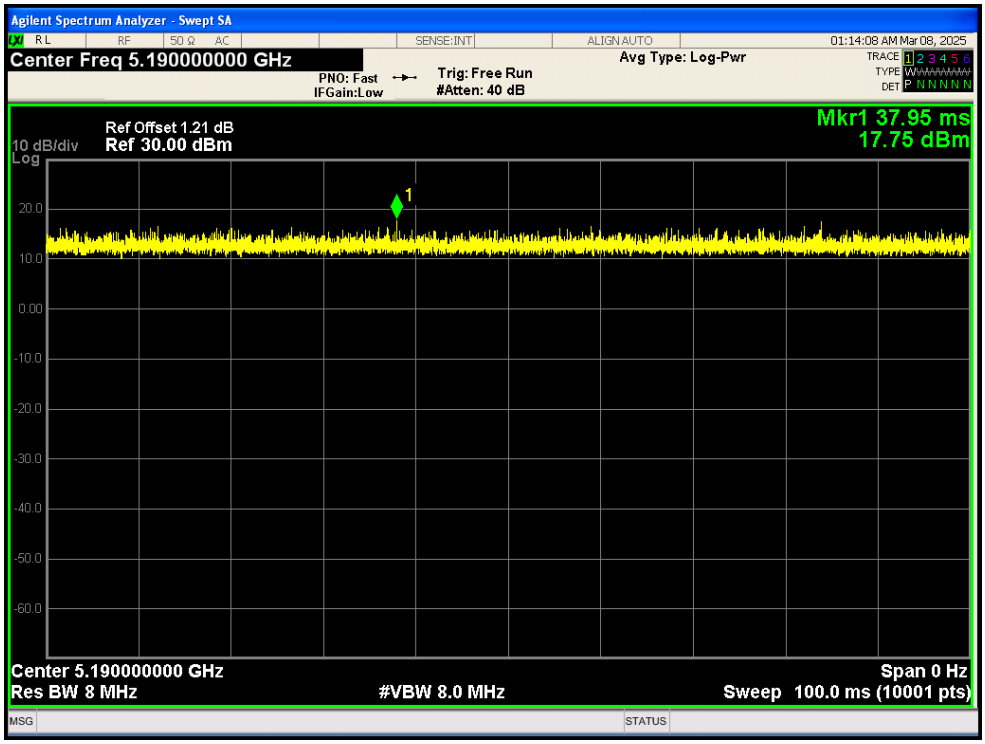
Duty Cycle NVNT n40 5190MHz Ant1



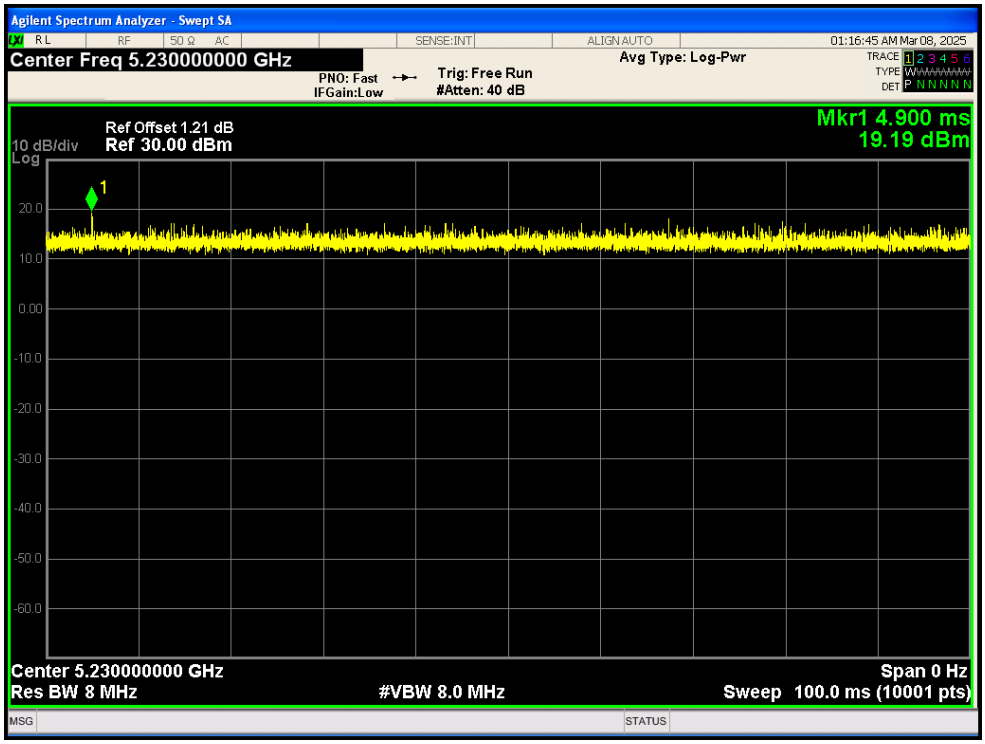
Duty Cycle NVNT n40 5230MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant2



Duty Cycle NVNT n40 5230MHz Ant2



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.708	24	Pass
NVNT	a	5200	Ant1	11.881	24	Pass
NVNT	a	5240	Ant1	11.901	24	Pass
NVNT	a	5180	Ant2	11.43	24	Pass
NVNT	a	5200	Ant2	11.966	24	Pass

NVNT	a	5240	Ant2	12.603	24	Pass
NVNT	ac20	5180	Ant1	11.706	24	Pass
NVNT	ac20	5200	Ant1	11.966	24	Pass
NVNT	ac20	5240	Ant1	11.784	24	Pass
NVNT	ac20	5180	Ant2	11.769	24	Pass
NVNT	ac20	5200	Ant2	12.06	24	Pass
NVNT	ac20	5240	Ant2	12.501	24	Pass
NVNT	ac40	5190	Ant1	11.109	24	Pass
NVNT	ac40	5230	Ant1	11.096	24	Pass
NVNT	ac40	5190	Ant2	11.046	24	Pass
NVNT	ac40	5230	Ant2	11.477	24	Pass
NVNT	ac80	5210	Ant1	10.939	24	Pass
NVNT	ac80	5210	Ant2	10.893	24	Pass
NVNT	ax20	5180	Ant1	12.108	24	Pass
NVNT	ax20	5200	Ant1	12.32	24	Pass
NVNT	ax20	5240	Ant1	12.031	23	Pass
NVNT	ax20	5180	Ant2	11.717	24	Pass
NVNT	ax20	5200	Ant2	12.519	24	Pass
NVNT	ax20	5240	Ant2	12.956	23	Pass
NVNT	ax40	5190	Ant1	11.37	24	Pass
NVNT	ax40	5230	Ant1	11.544	24	Pass
NVNT	ax40	5190	Ant2	11.254	24	Pass
NVNT	ax40	5230	Ant2	11.819	24	Pass
NVNT	ax80	5210	Ant1	11.289	24	Pass
NVNT	ax80	5210	Ant2	11.436	24	Pass
NVNT	n20	5180	Ant1	11.896	24	Pass
NVNT	n20	5200	Ant1	11.856	24	Pass
NVNT	n20	5240	Ant1	11.829	24	Pass
NVNT	n20	5180	Ant2	11.732	24	Pass
NVNT	n20	5200	Ant2	11.985	24	Pass
NVNT	n20	5240	Ant2	12.463	24	Pass
NVNT	n40	5190	Ant1	11.059	24	Pass
NVNT	n40	5230	Ant1	11.033	24	Pass
NVNT	n40	5190	Ant2	10.933	24	Pass
NVNT	n40	5230	Ant2	11.539	24	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.585	Pass
NVNT	a	5200	Ant1	19.743	Pass
NVNT	a	5240	Ant1	19.598	Pass
NVNT	a	5180	Ant2	19.331	Pass
NVNT	a	5200	Ant2	19.546	Pass
NVNT	a	5240	Ant2	19.659	Pass

NVNT	ac20	5180	Ant1	19.87	Pass
NVNT	ac20	5200	Ant1	19.717	Pass
NVNT	ac20	5240	Ant1	19.795	Pass
NVNT	ac20	5180	Ant2	19.976	Pass
NVNT	ac20	5200	Ant2	19.881	Pass
NVNT	ac20	5240	Ant2	19.92	Pass
NVNT	ac40	5190	Ant1	40.542	Pass
NVNT	ac40	5230	Ant1	39.799	Pass
NVNT	ac40	5190	Ant2	40.221	Pass
NVNT	ac40	5230	Ant2	40.453	Pass
NVNT	ac80	5210	Ant1	79.891	Pass
NVNT	ac80	5210	Ant2	80.058	Pass
NVNT	ax20	5180	Ant1	19.753	Pass
NVNT	ax20	5200	Ant1	19.801	Pass
NVNT	ax20	5240	Ant1	19.737	Pass
NVNT	ax20	5180	Ant2	19.767	Pass
NVNT	ax20	5200	Ant2	19.735	Pass
NVNT	ax20	5240	Ant2	19.672	Pass
NVNT	ax40	5190	Ant1	39.202	Pass
NVNT	ax40	5230	Ant1	39.335	Pass
NVNT	ax40	5190	Ant2	39.161	Pass
NVNT	ax40	5230	Ant2	39.364	Pass
NVNT	ax80	5210	Ant1	79.975	Pass
NVNT	ax80	5210	Ant2	80.334	Pass
NVNT	n20	5180	Ant1	19.77	Pass
NVNT	n20	5200	Ant1	19.93	Pass
NVNT	n20	5240	Ant1	19.972	Pass
NVNT	n20	5180	Ant2	19.972	Pass
NVNT	n20	5200	Ant2	19.971	Pass
NVNT	n20	5240	Ant2	19.905	Pass
NVNT	n40	5190	Ant1	39.841	Pass
NVNT	n40	5230	Ant1	39.708	Pass
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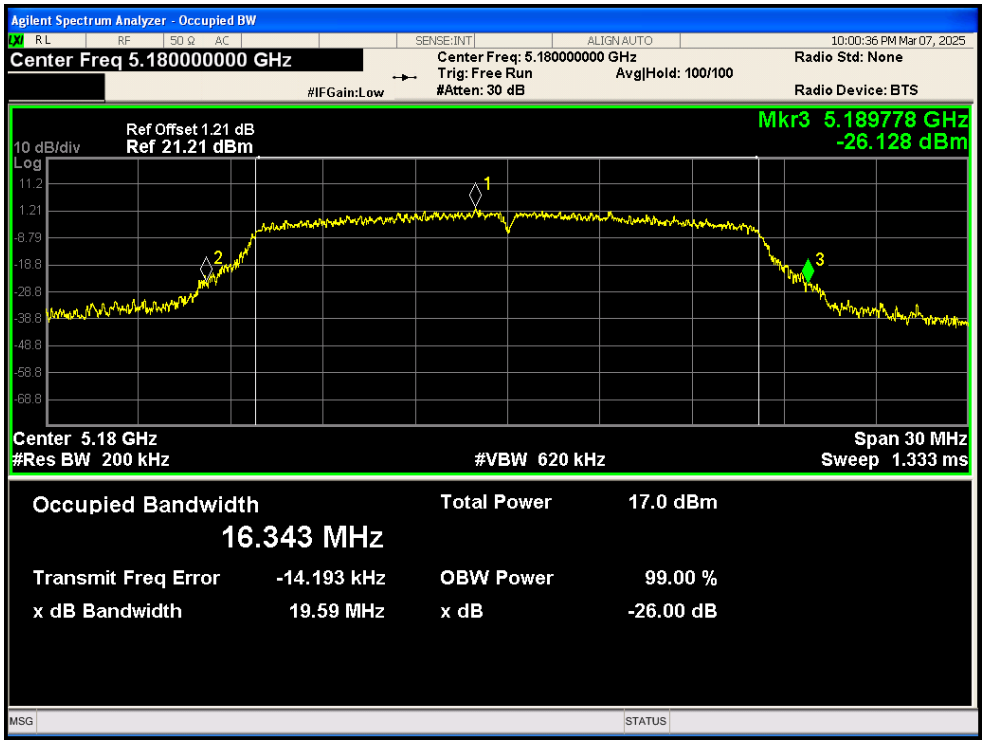
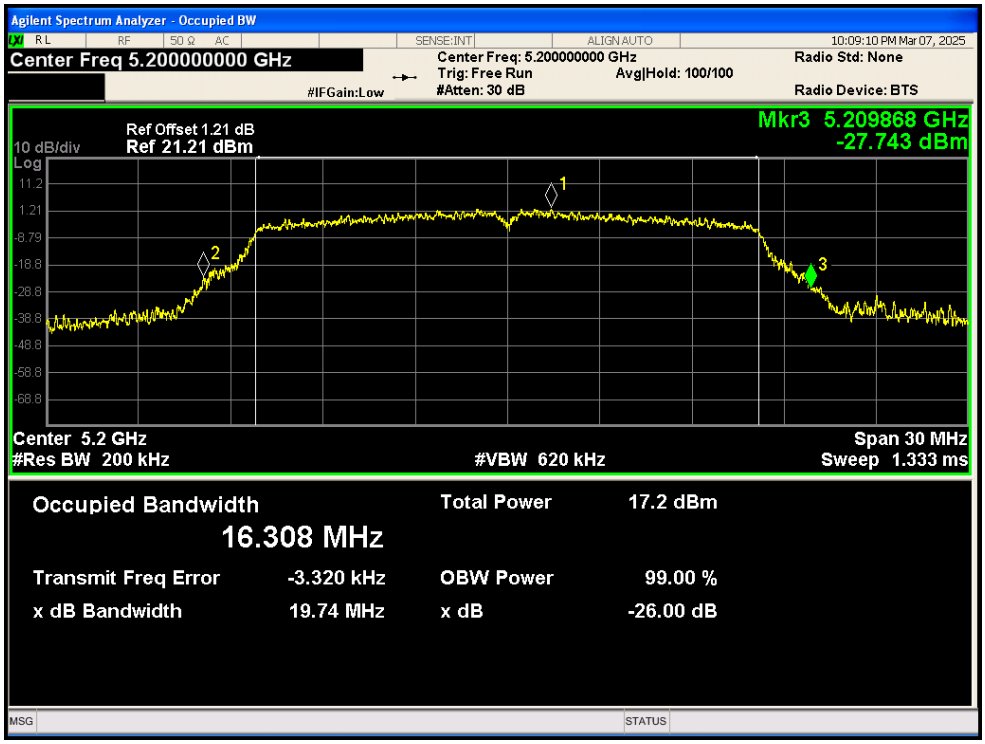
NVNT	n40	5230	Ant2	39.788	Pass

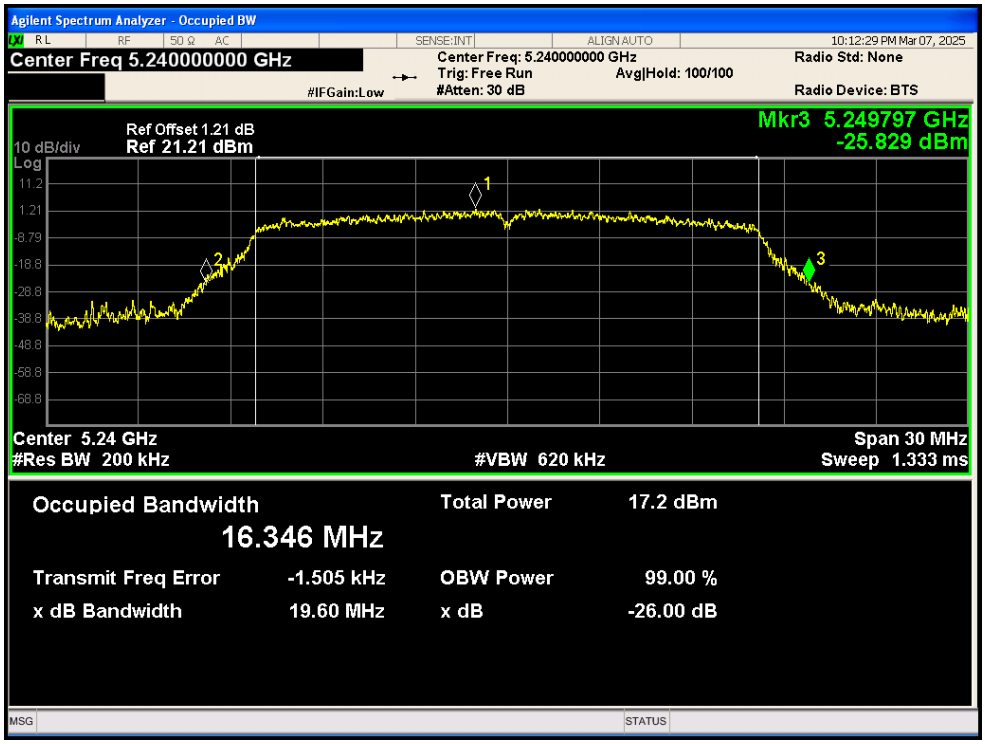
-26dB Bandwidth NVNT a 5180MHz Ant1



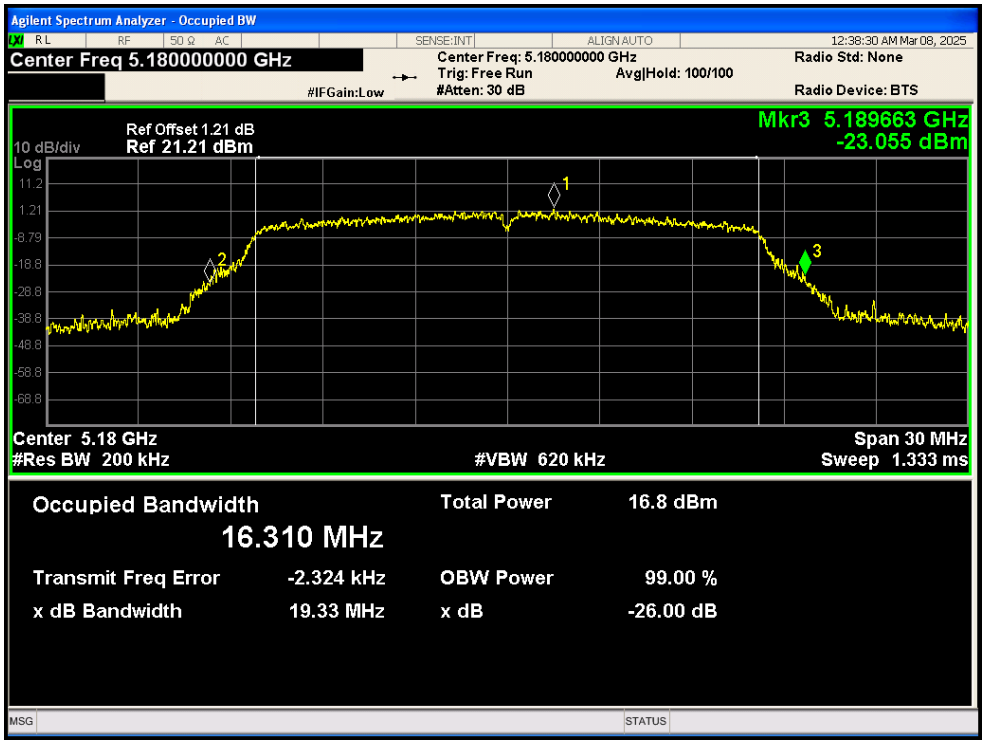
-26dB Bandwidth NVNT a 5200MHz Ant1



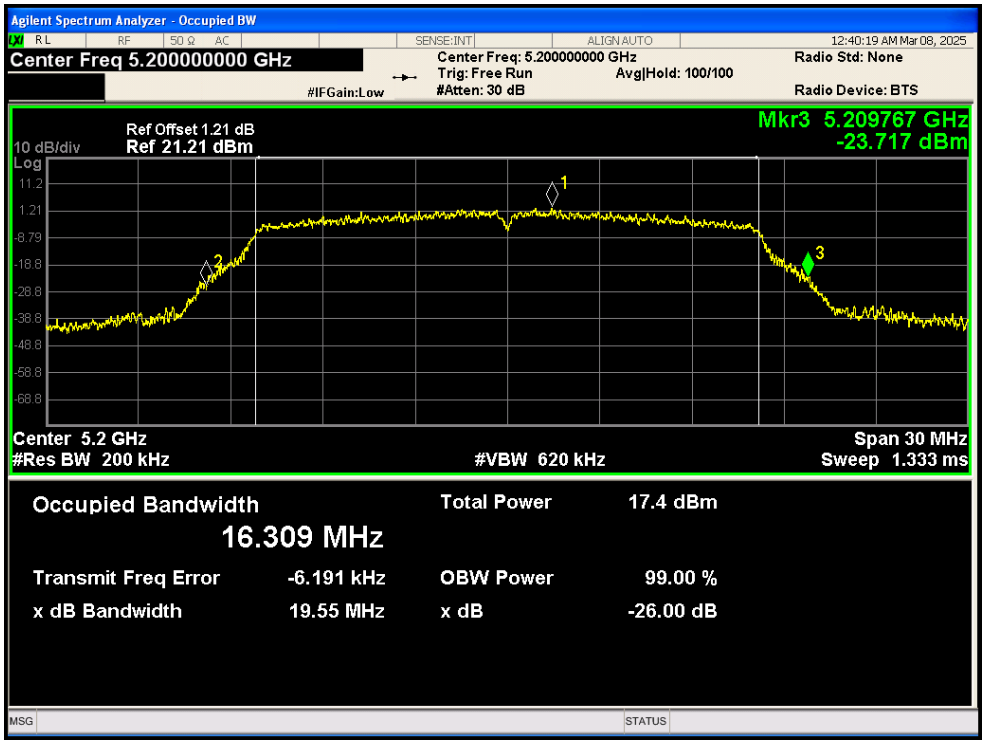
-26dB Bandwidth NVNT a 5240MHz Ant1



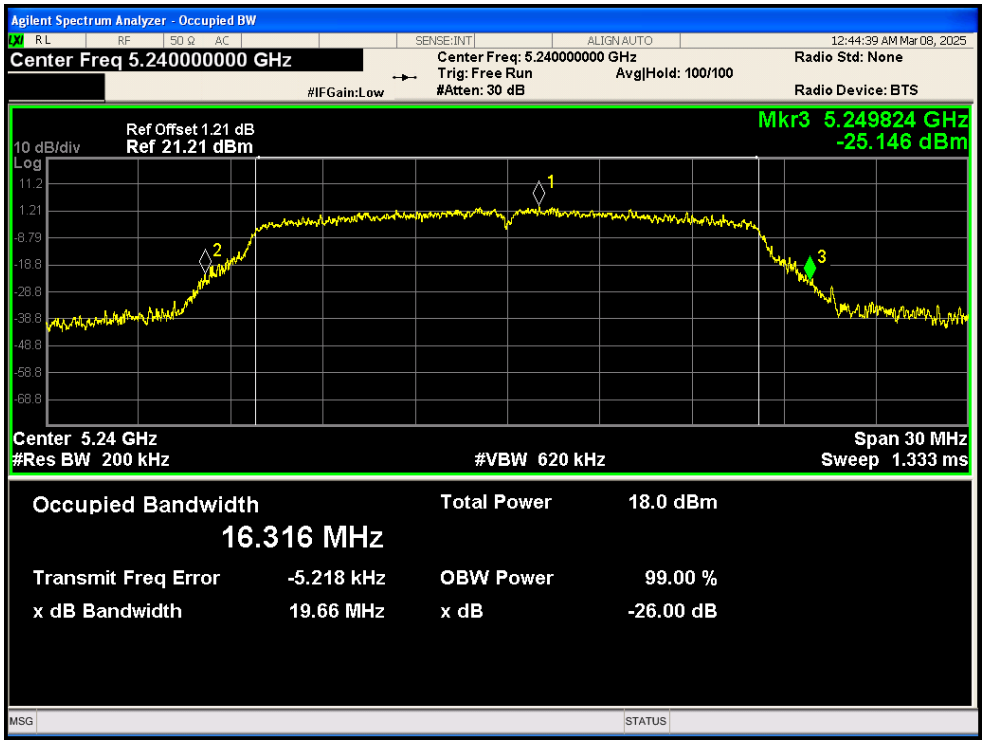
-26dB Bandwidth NVNT a 5180MHz Ant2



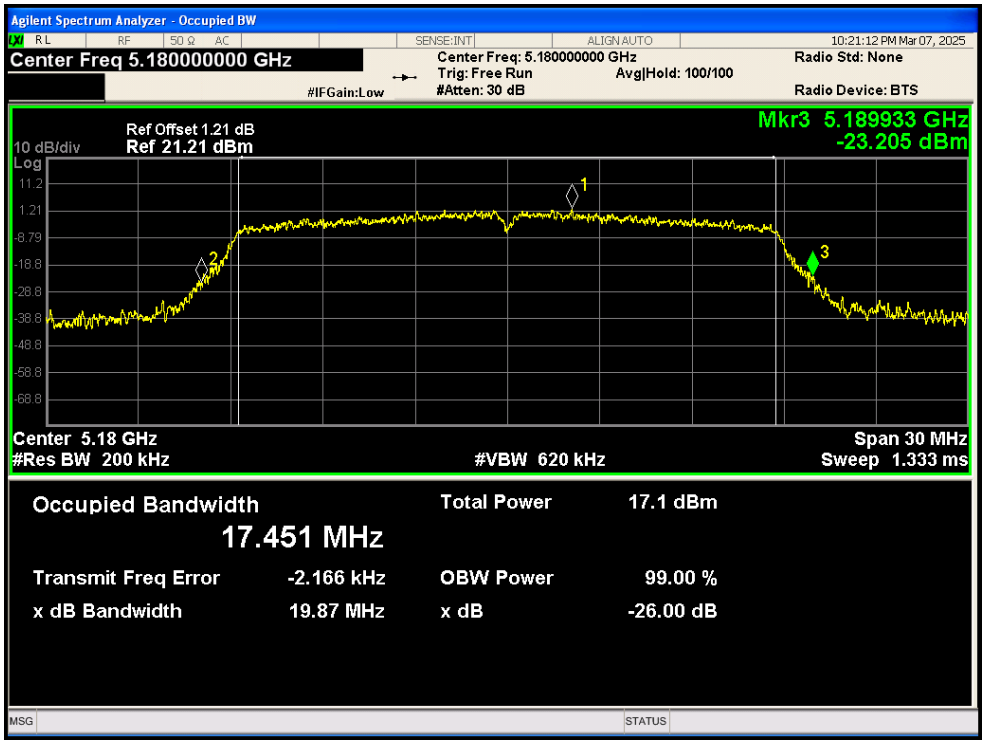
-26dB Bandwidth NVNT a 5200MHz Ant2



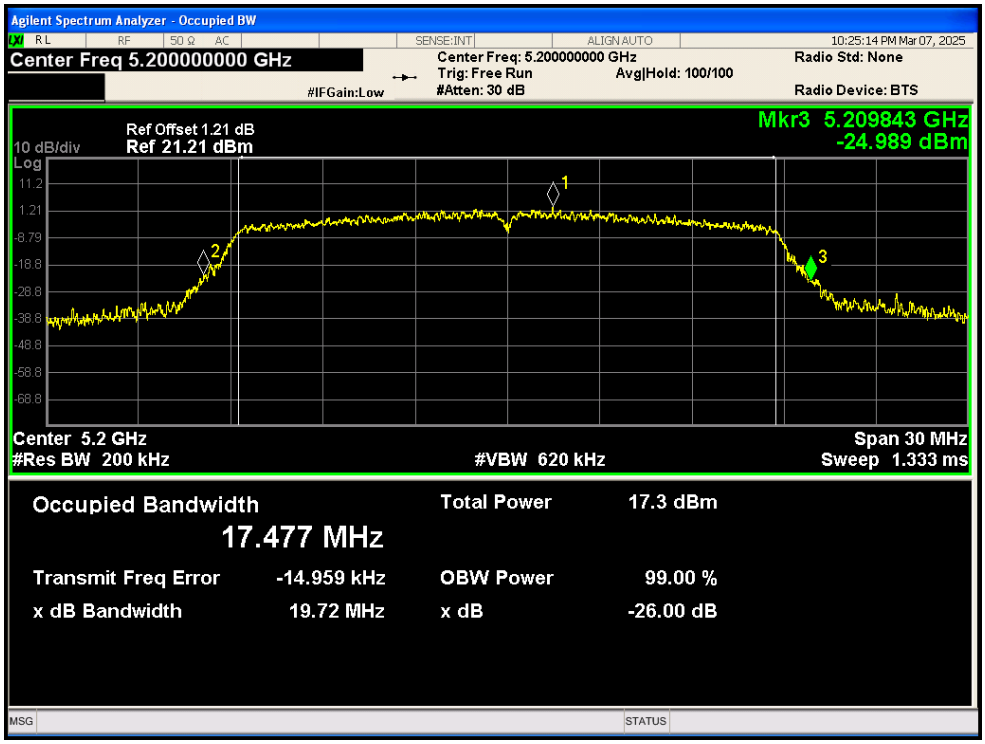
-26dB Bandwidth NVNT a 5240MHz Ant2



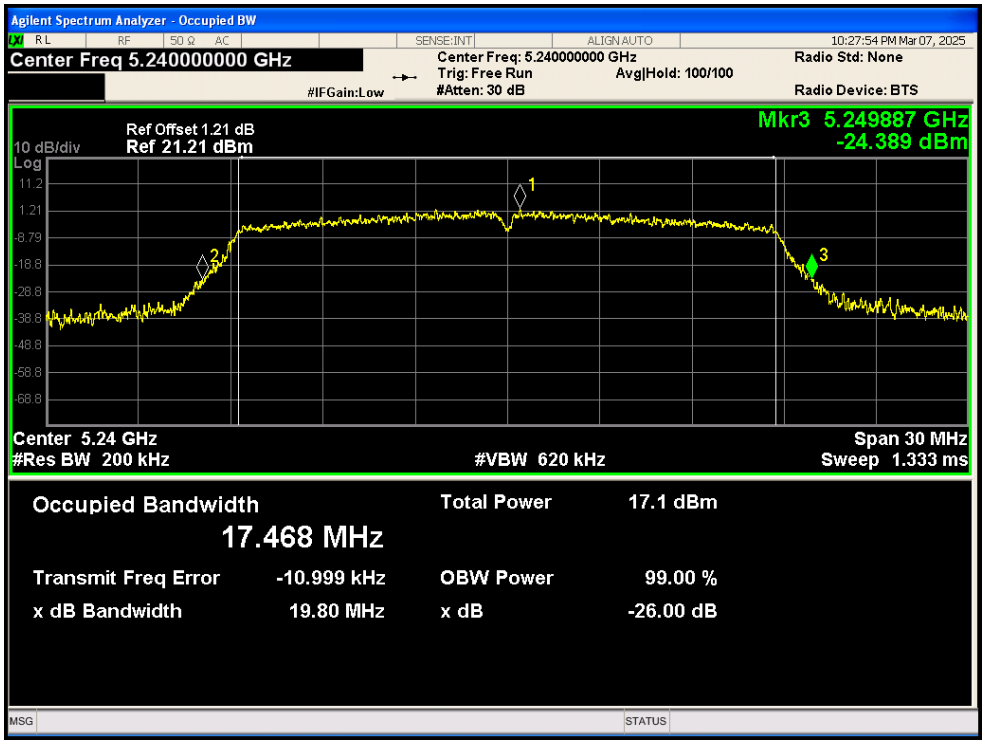
-26dB Bandwidth NVNT ac20 5180MHz Ant1



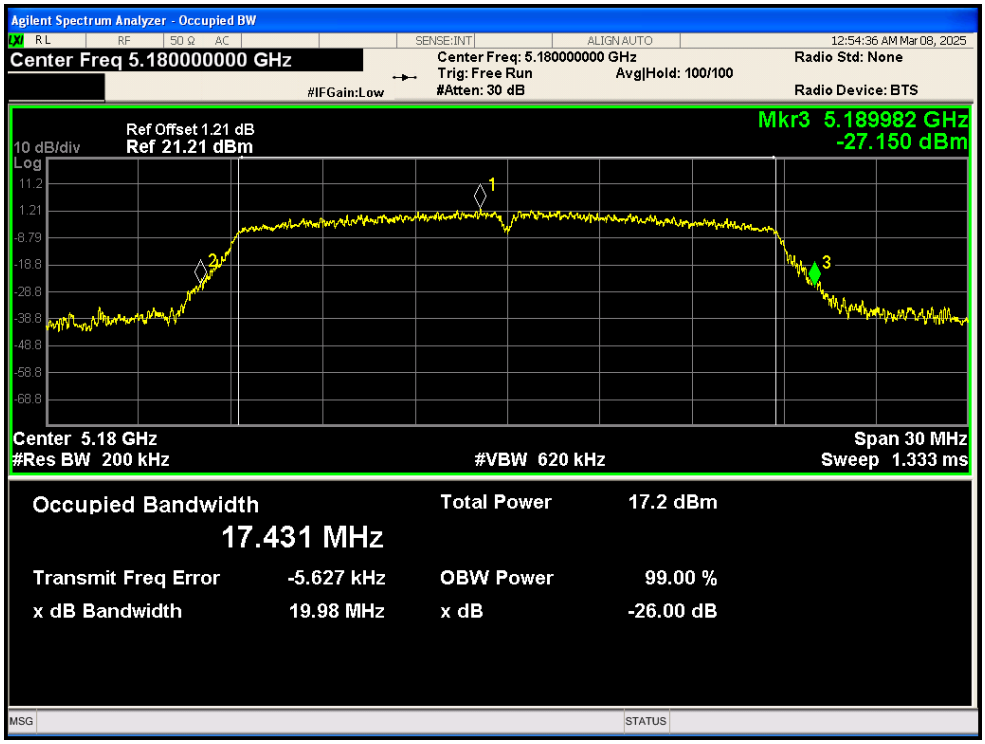
-26dB Bandwidth NVNT ac20 5200MHz Ant1



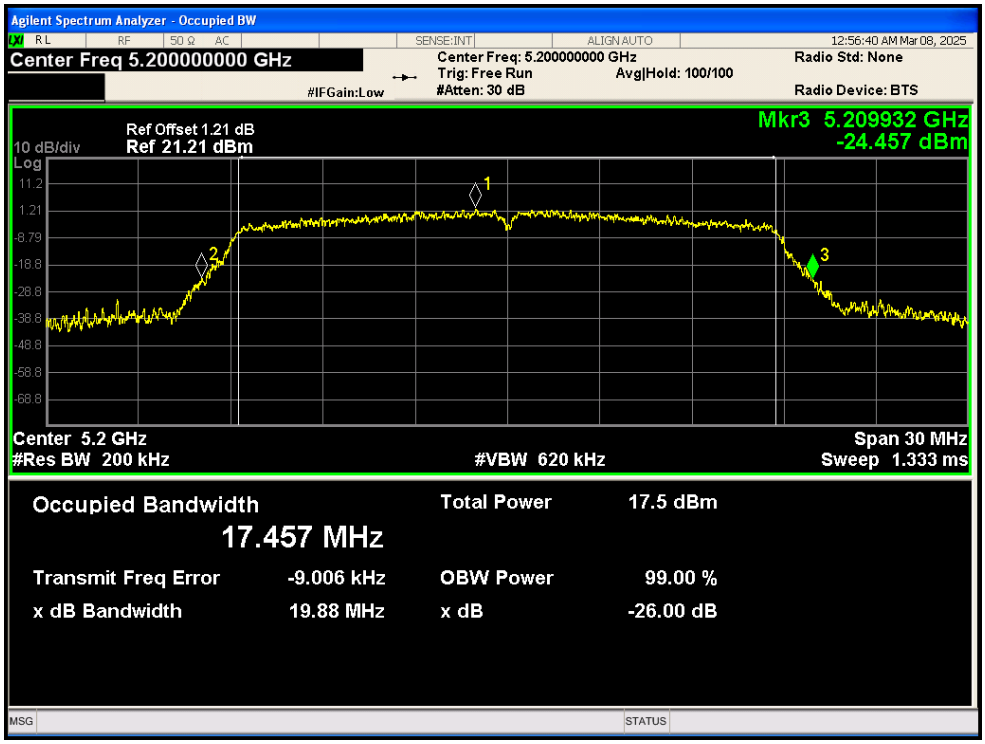
-26dB Bandwidth NVNT ac20 5240MHz Ant1



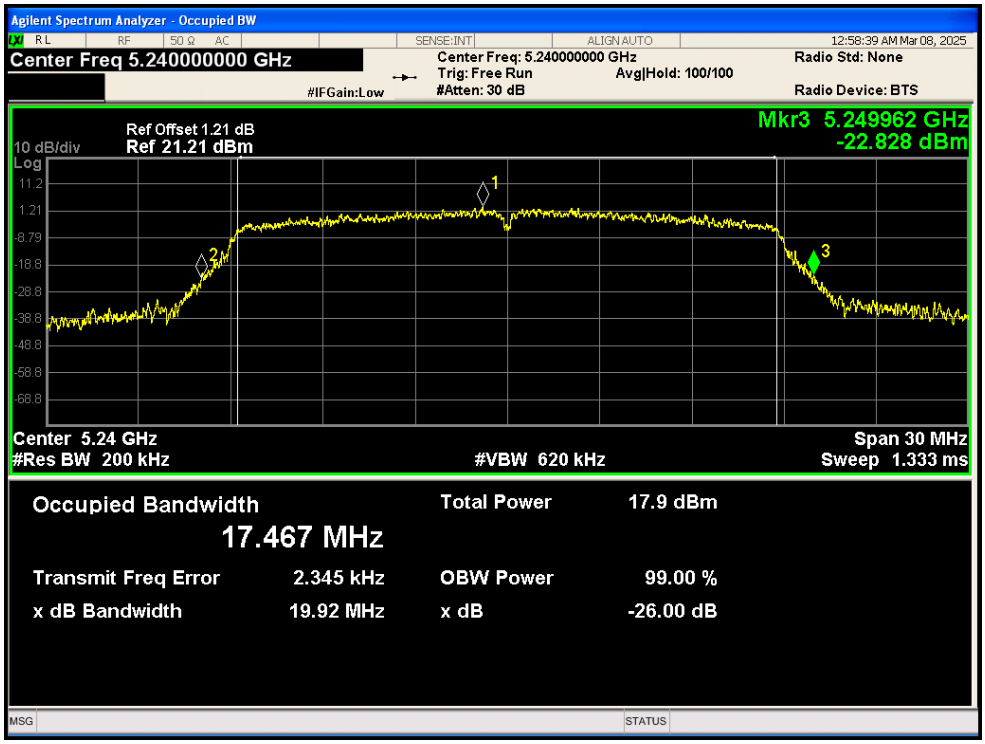
-26dB Bandwidth NVNT ac20 5180MHz Ant2



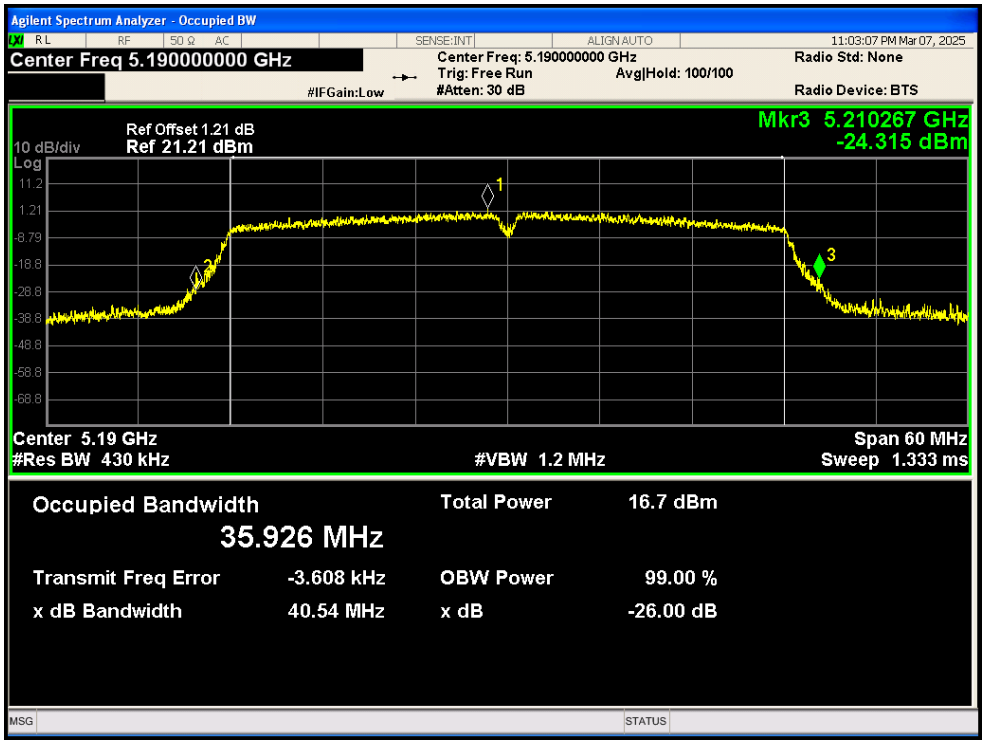
-26dB Bandwidth NVNT ac20 5200MHz Ant2



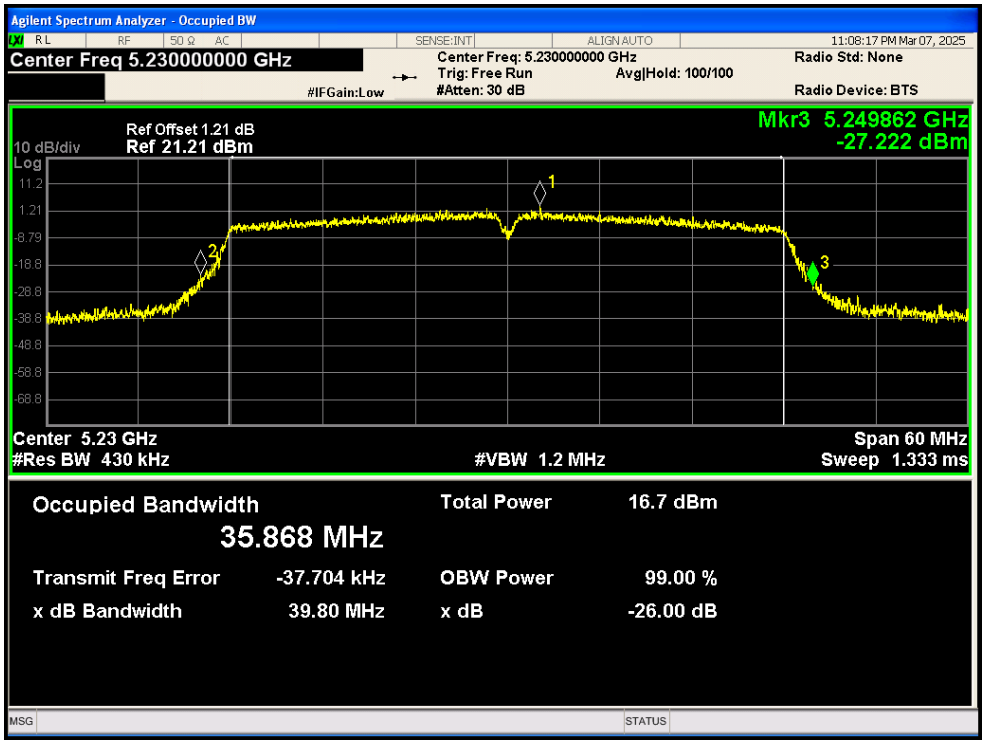
-26dB Bandwidth NVNT ac20 5240MHz Ant2



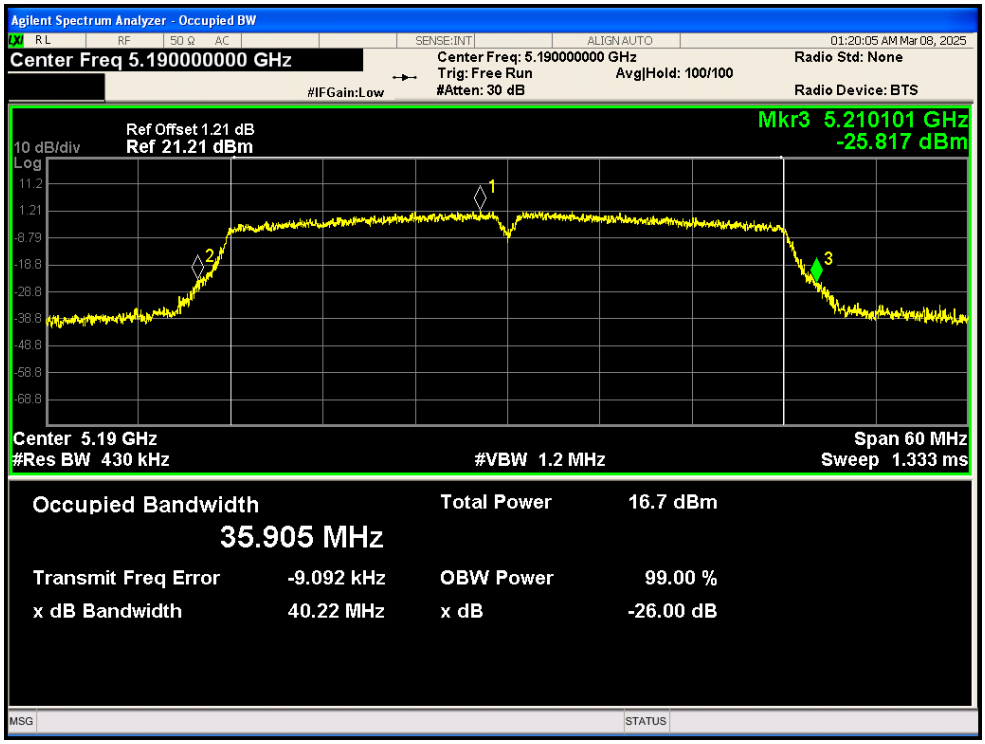
-26dB Bandwidth NVNT ac40 5190MHz Ant1



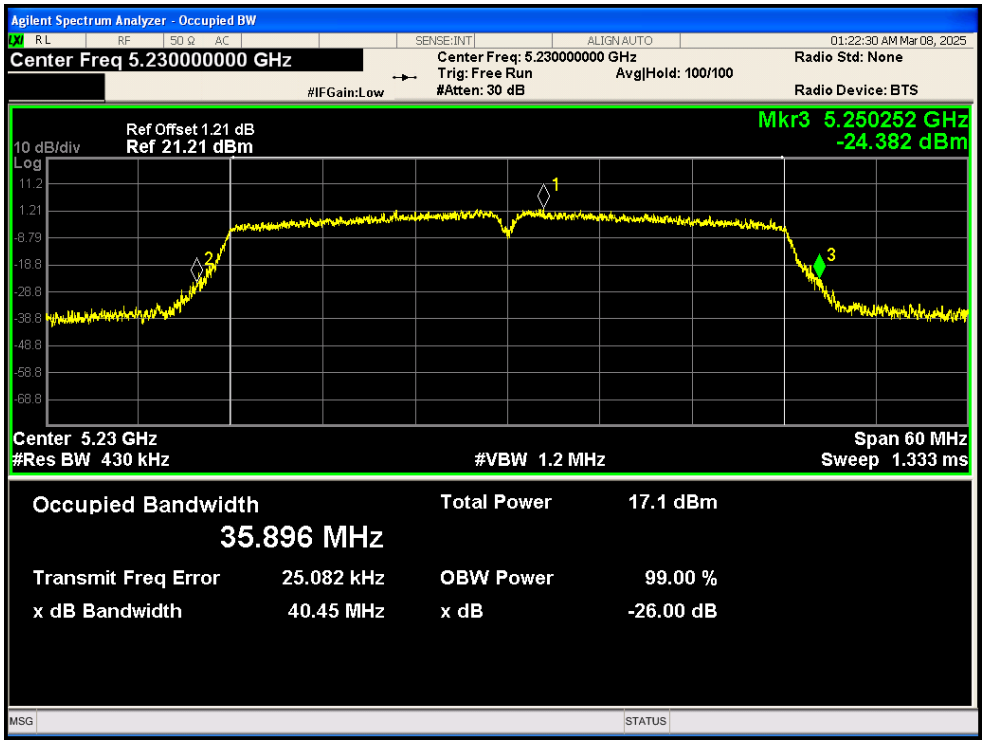
-26dB Bandwidth NVNT ac40 5230MHz Ant1



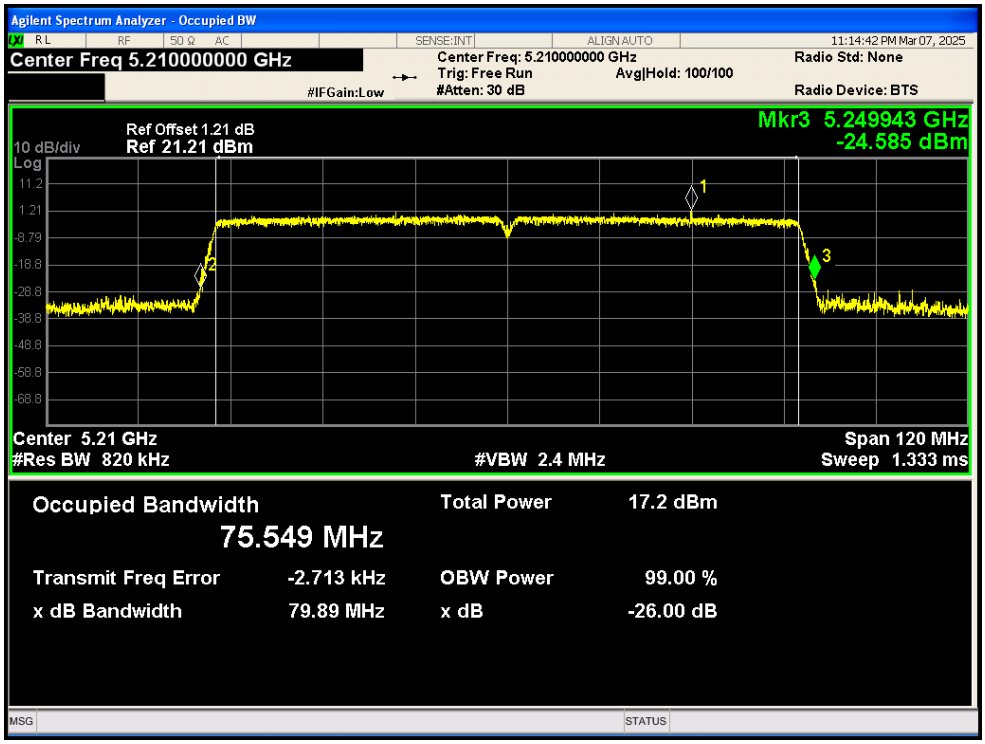
-26dB Bandwidth NVNT ac40 5190MHz Ant2



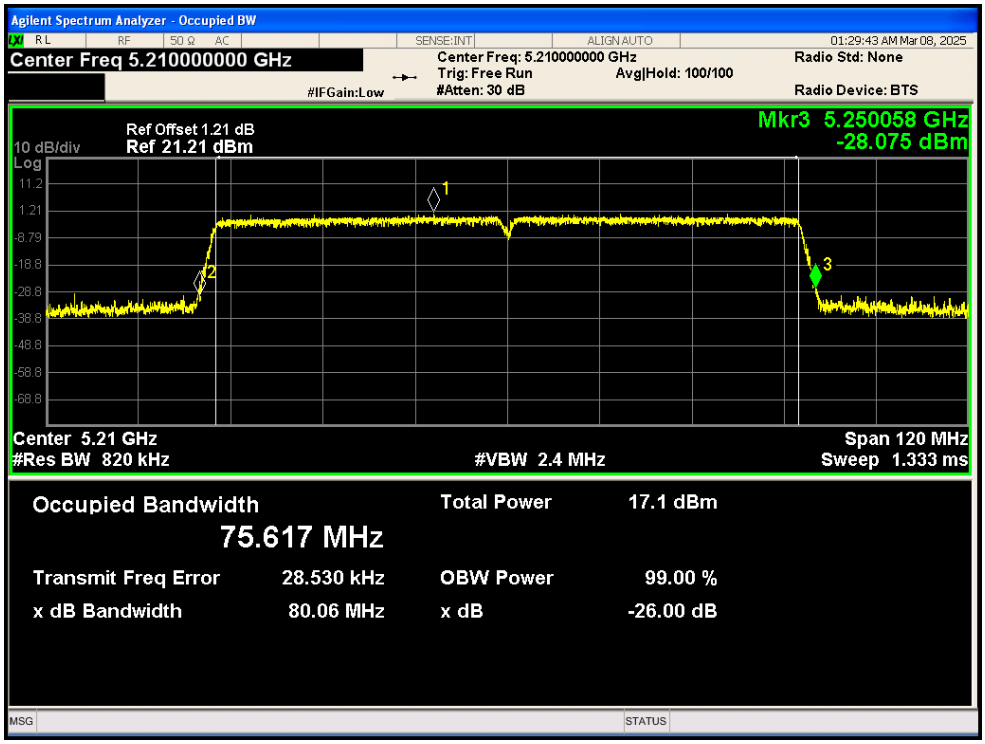
-26dB Bandwidth NVNT ac40 5230MHz Ant2



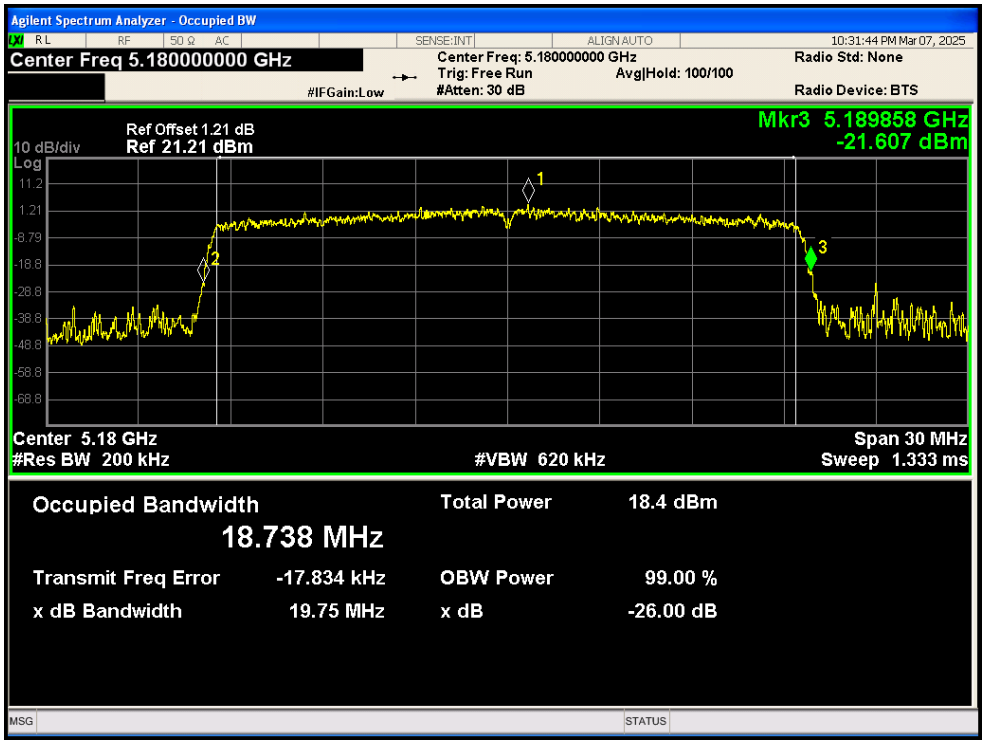
-26dB Bandwidth NVNT ac80 5210MHz Ant1



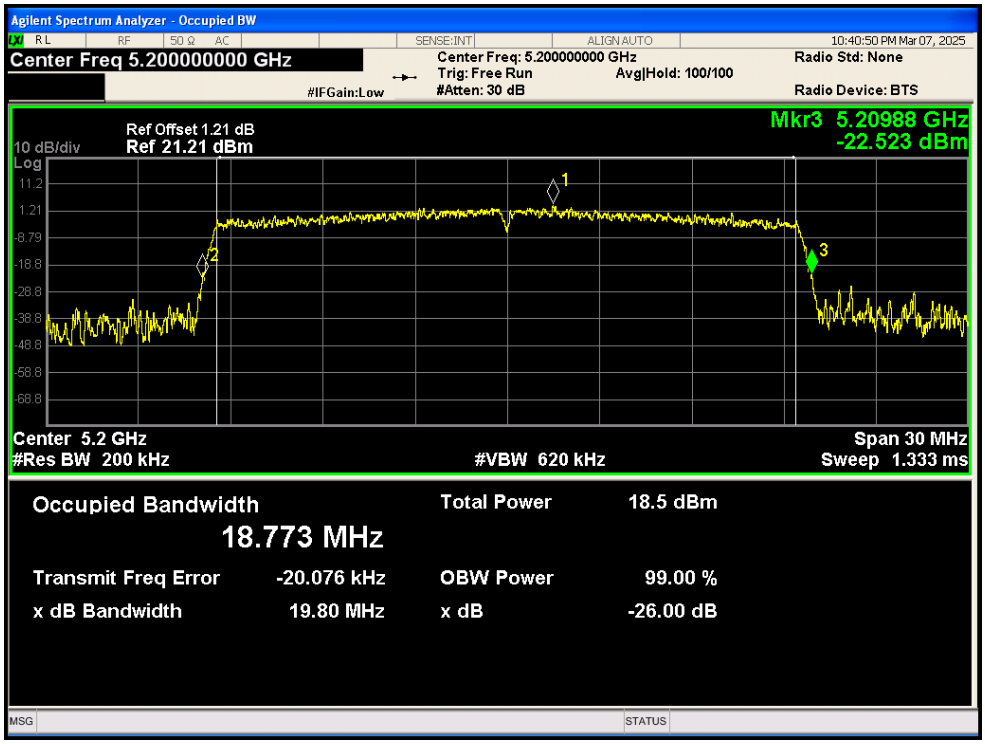
-26dB Bandwidth NVNT ac80 5210MHz Ant2



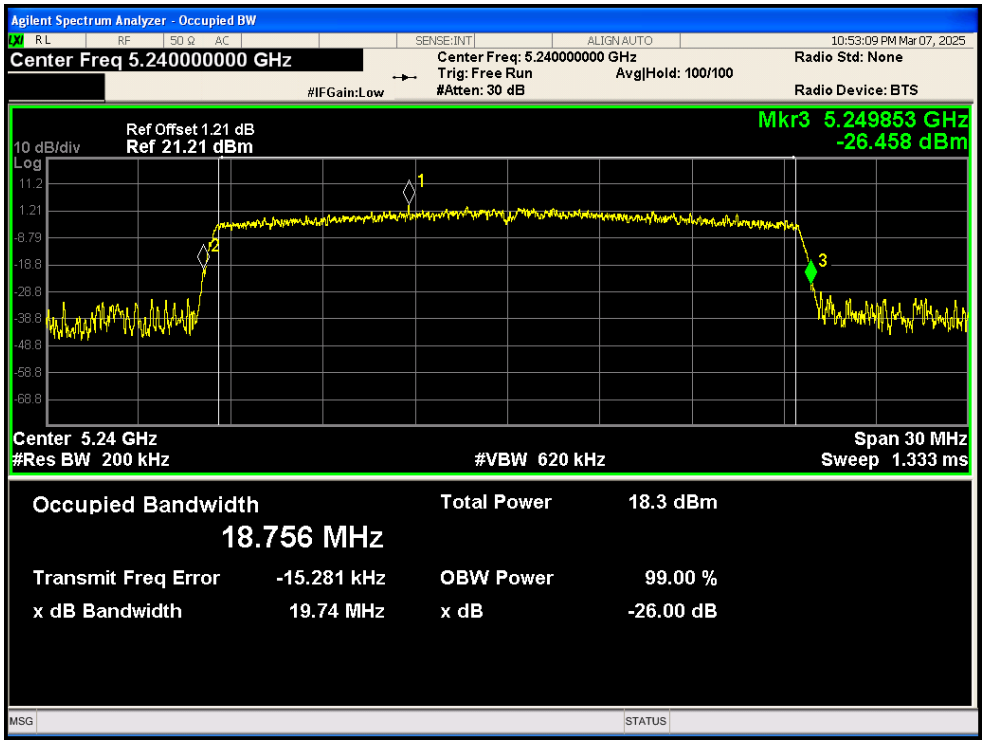
-26dB Bandwidth NVNT ax20 5180MHz Ant1



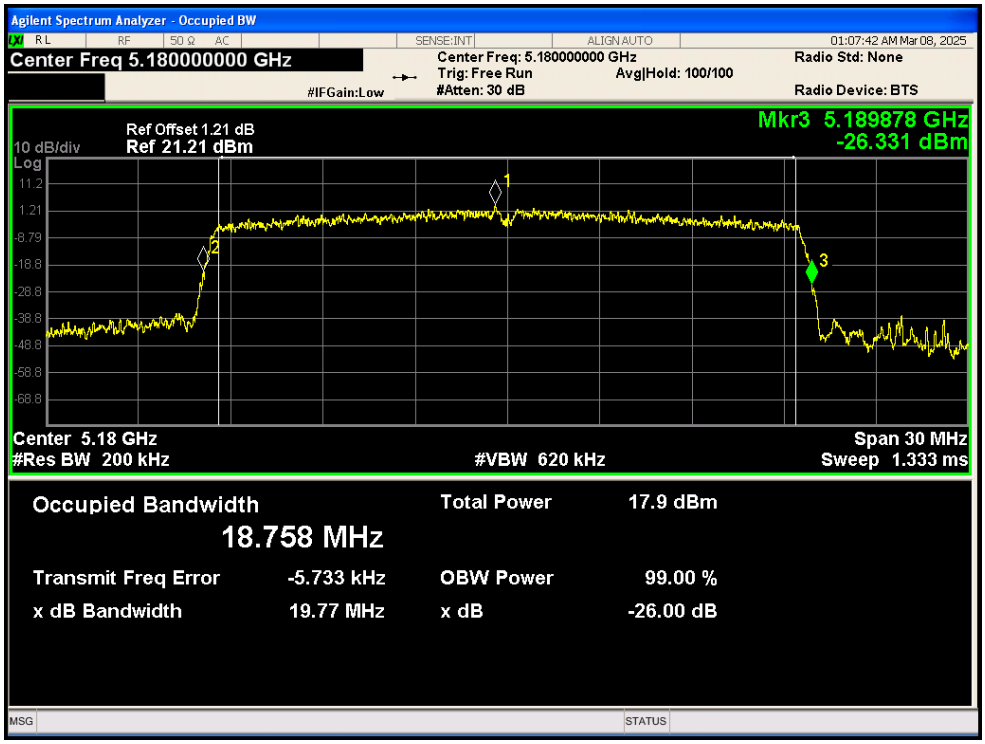
-26dB Bandwidth NVNT ax20 5200MHz Ant1



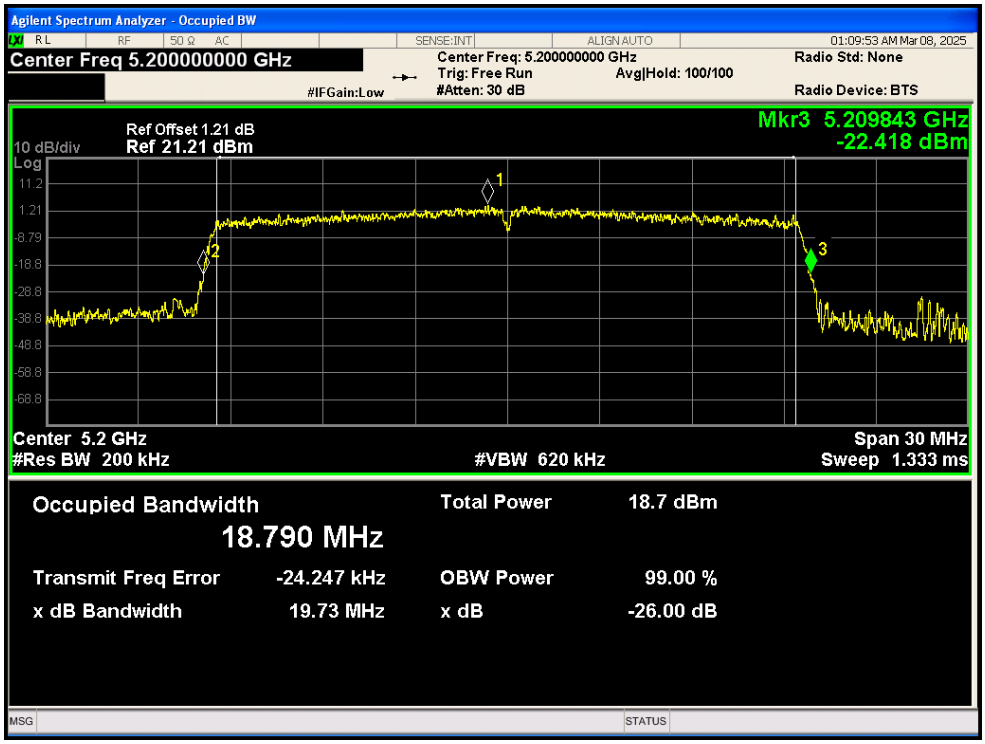
-26dB Bandwidth NVNT ax20 5240MHz Ant1



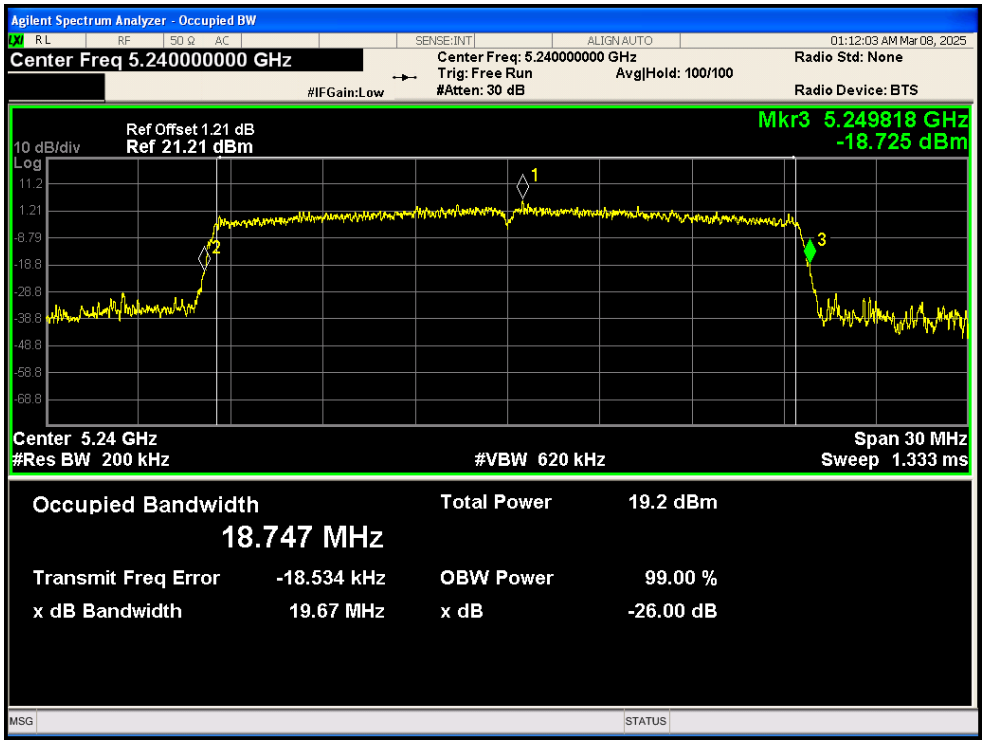
-26dB Bandwidth NVNT ax20 5180MHz Ant2



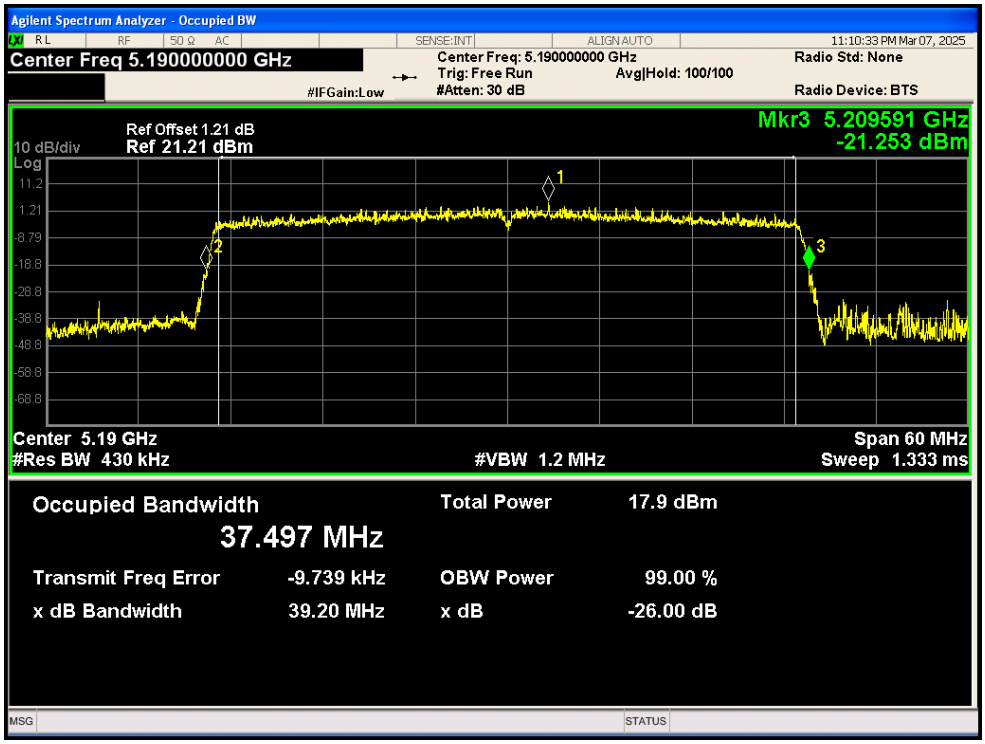
-26dB Bandwidth NVNT ax20 5200MHz Ant2



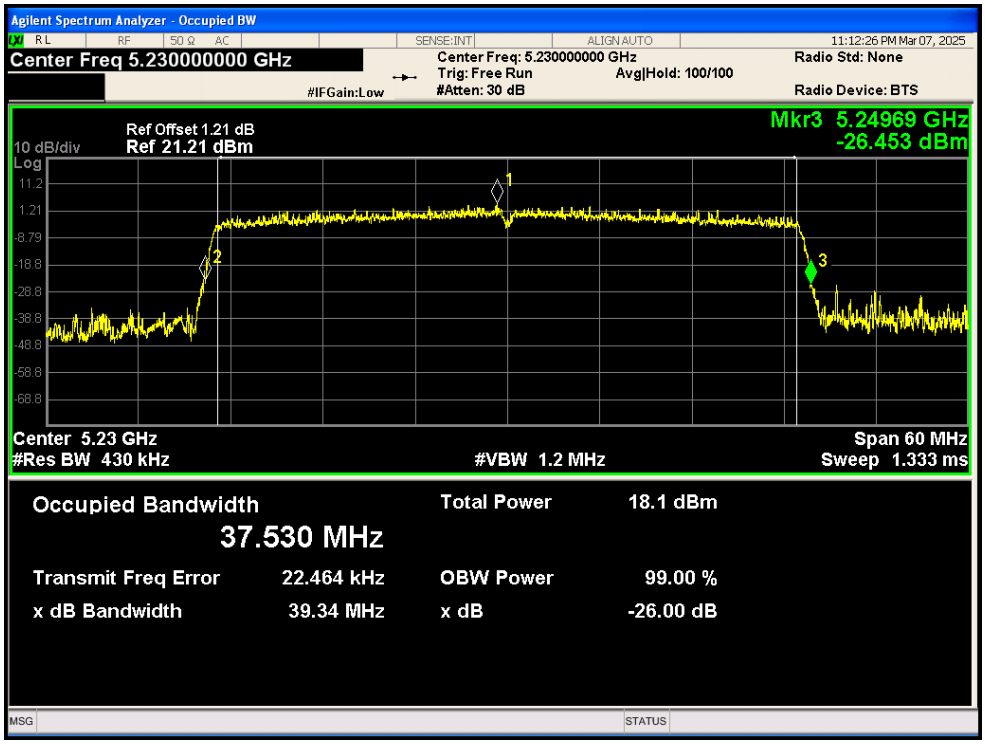
-26dB Bandwidth NVNT ax20 5240MHz Ant2



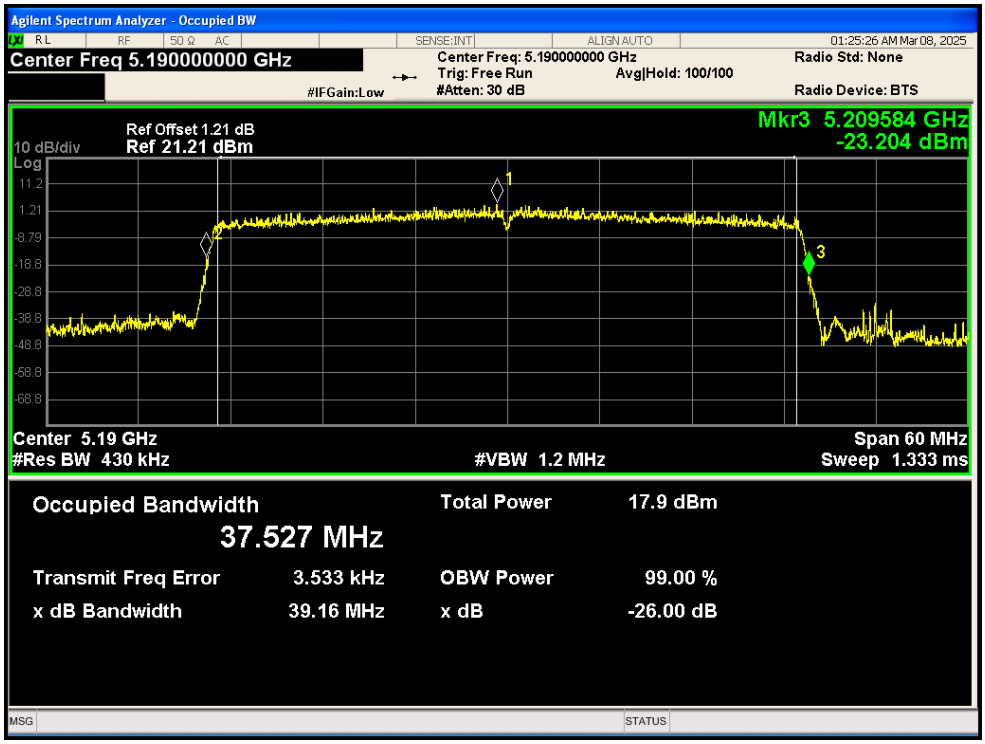
-26dB Bandwidth NVNT ax40 5190MHz Ant1



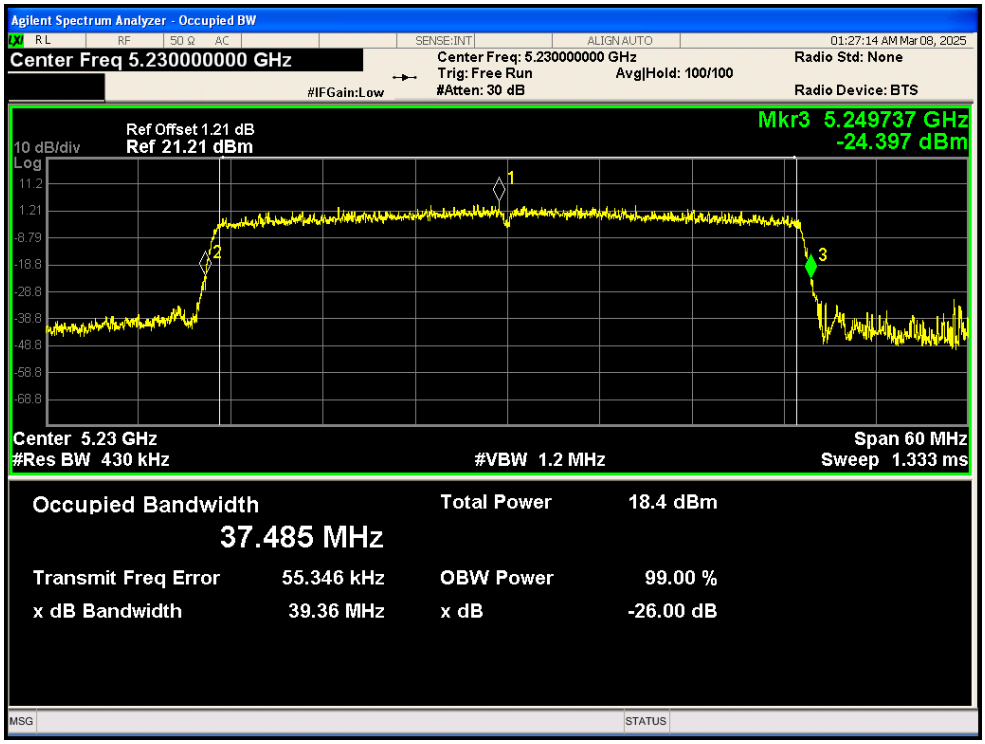
-26dB Bandwidth NVNT ax40 5230MHz Ant1



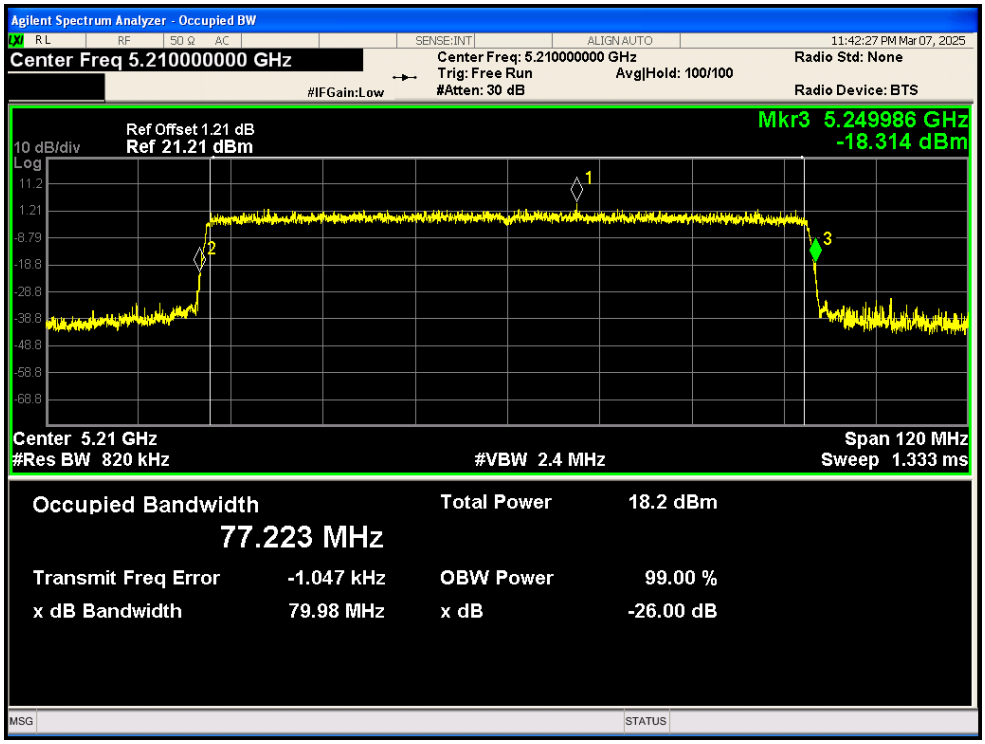
-26dB Bandwidth NVNT ax40 5190MHz Ant2



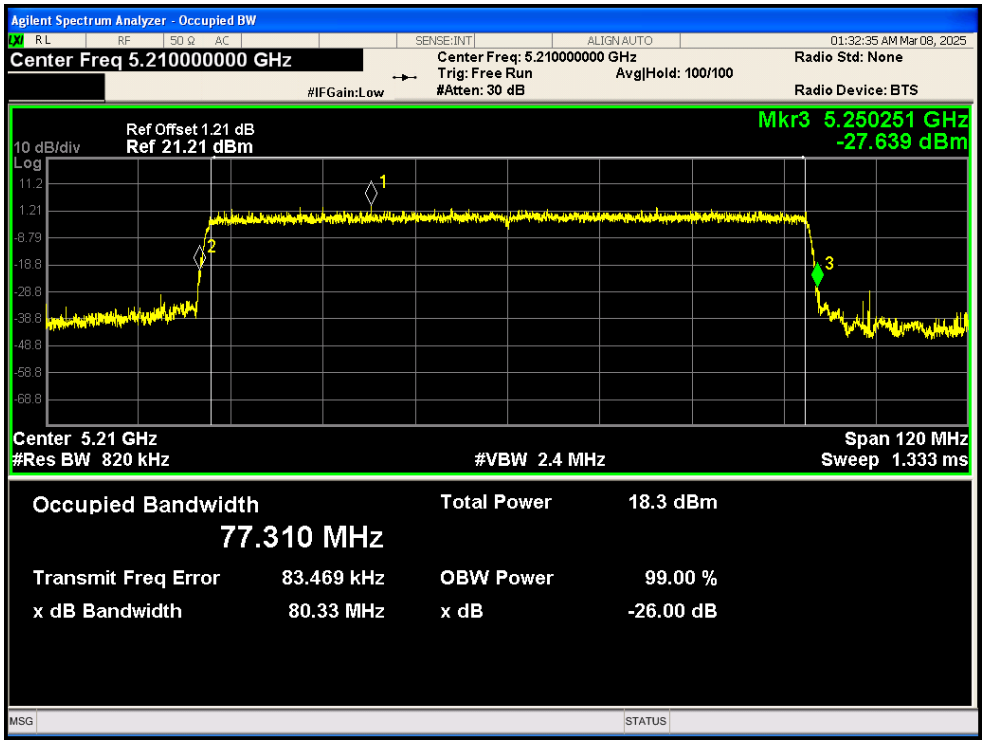
-26dB Bandwidth NVNT ax40 5230MHz Ant2



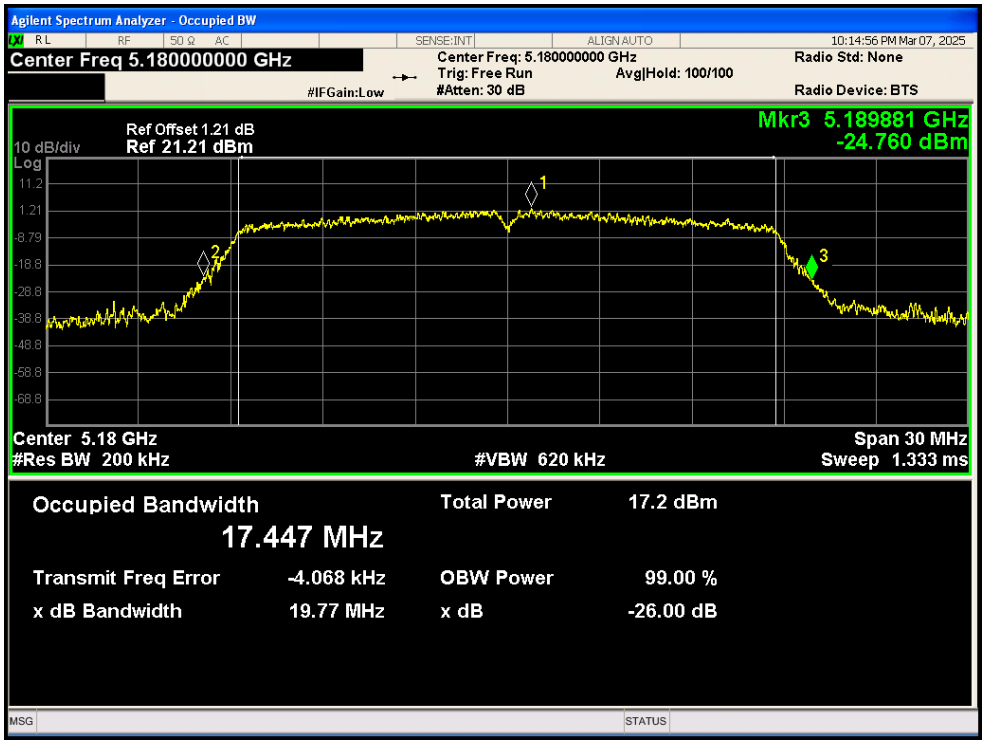
-26dB Bandwidth NVNT ax80 5210MHz Ant1



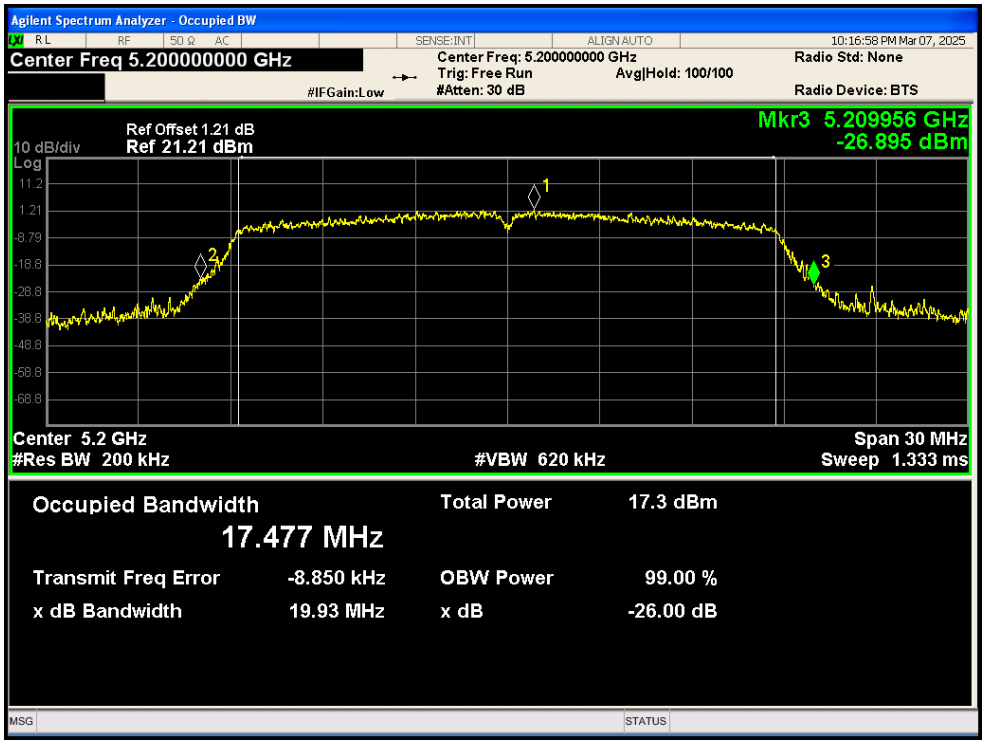
-26dB Bandwidth NVNT ax80 5210MHz Ant2



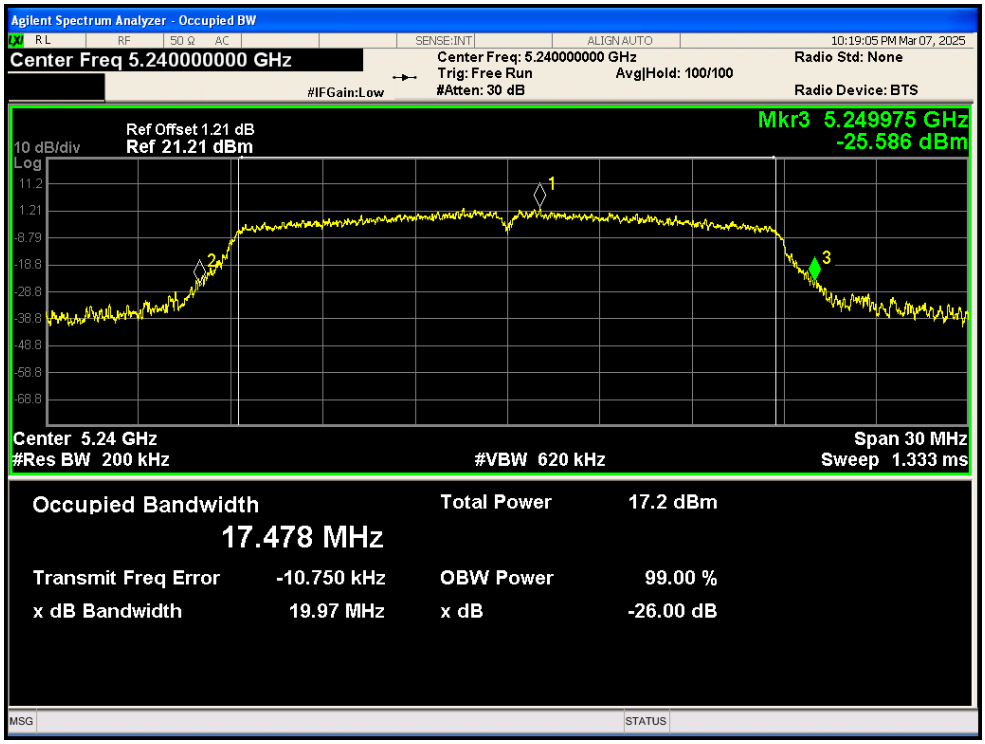
-26dB Bandwidth NVNT n20 5180MHz Ant1



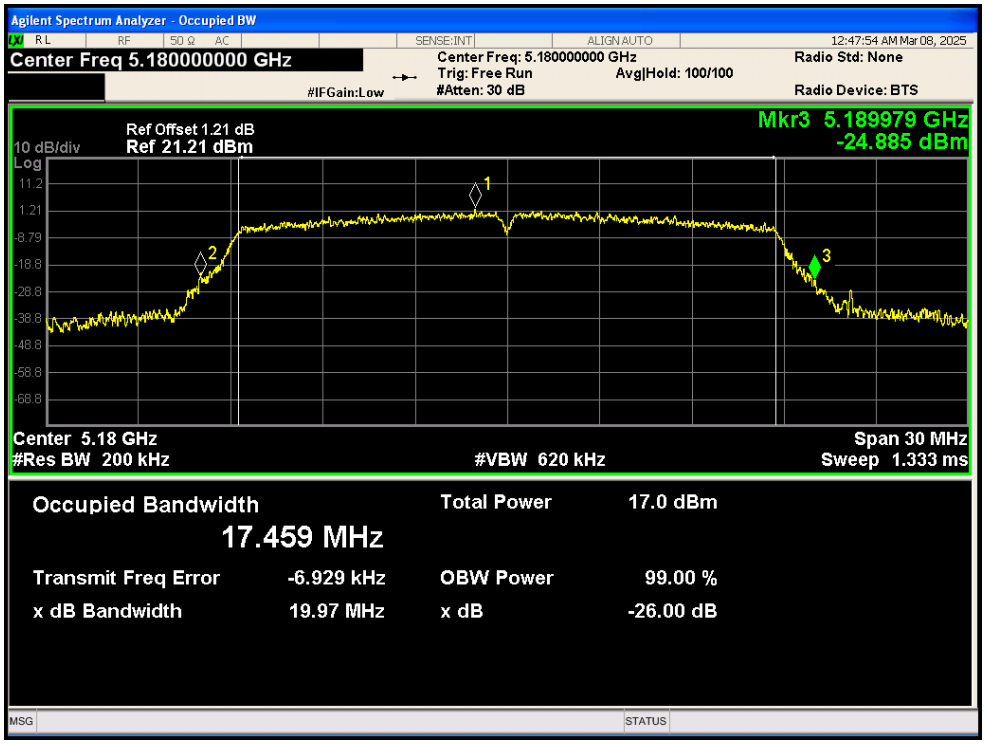
-26dB Bandwidth NVNT n20 5200MHz Ant1



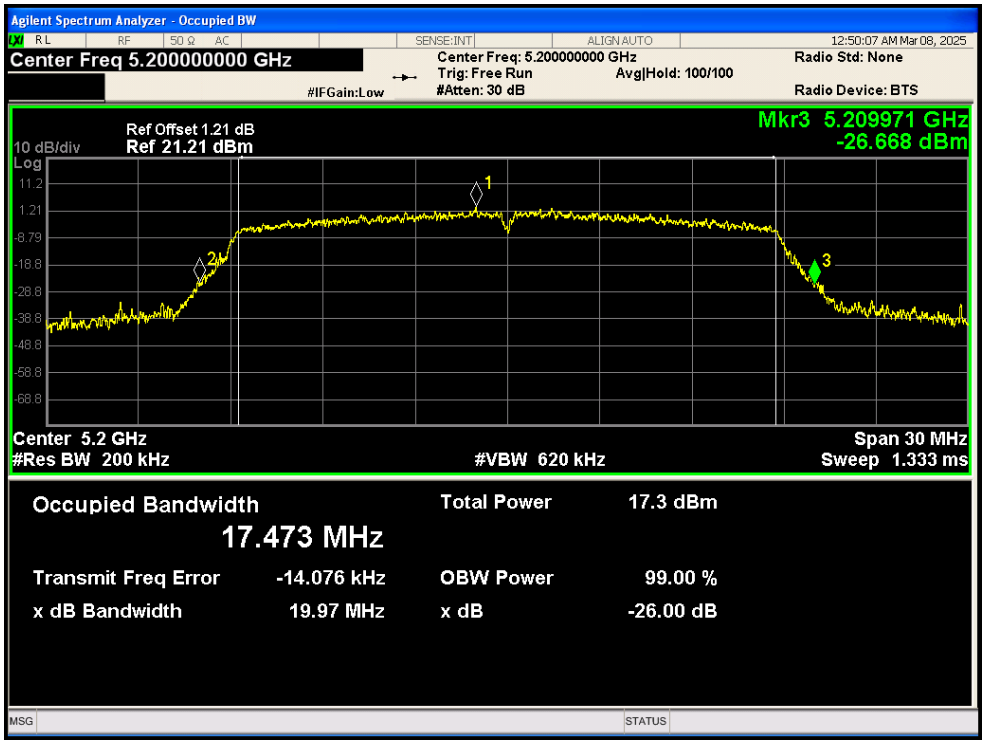
-26dB Bandwidth NVNT n20 5240MHz Ant1



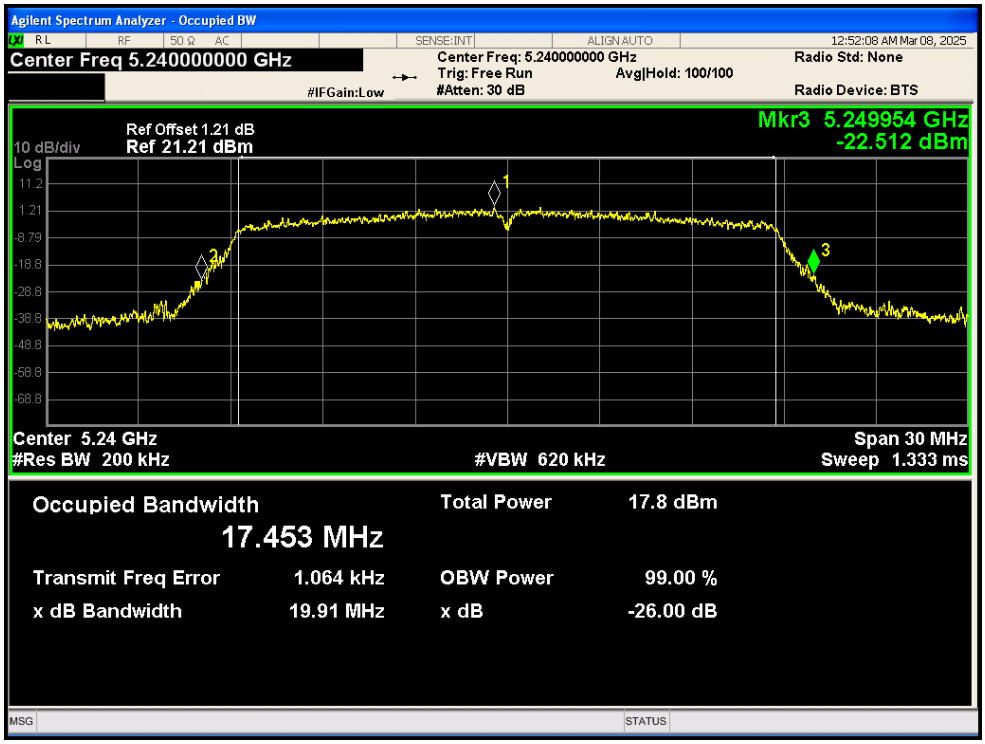
-26dB Bandwidth NVNT n20 5180MHz Ant2



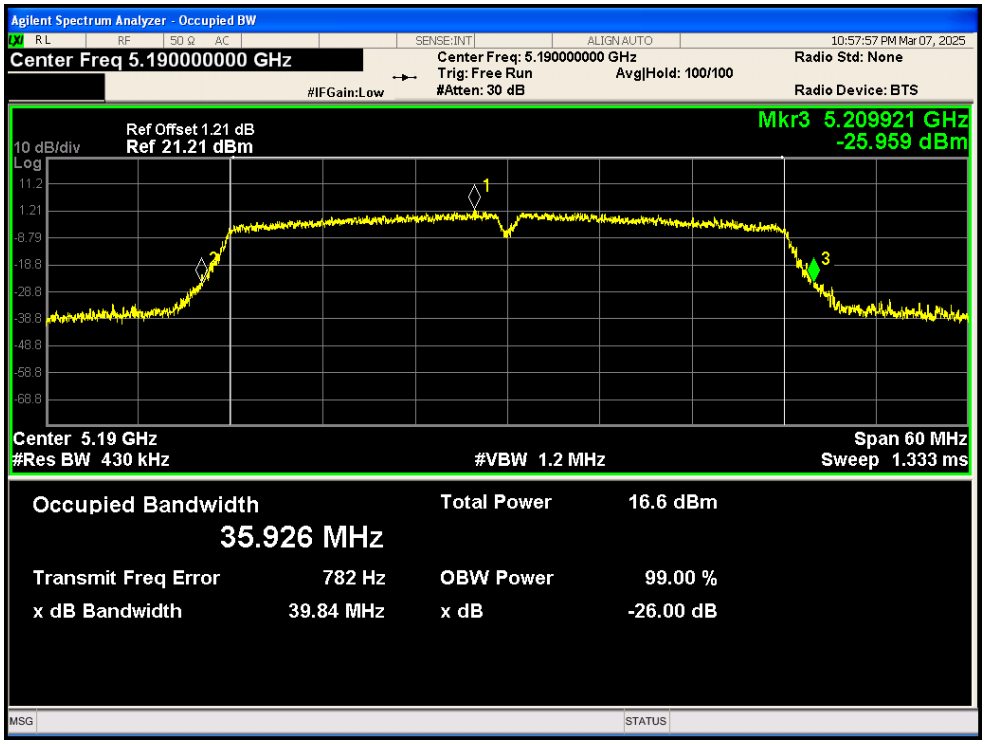
-26dB Bandwidth NVNT n20 5200MHz Ant2



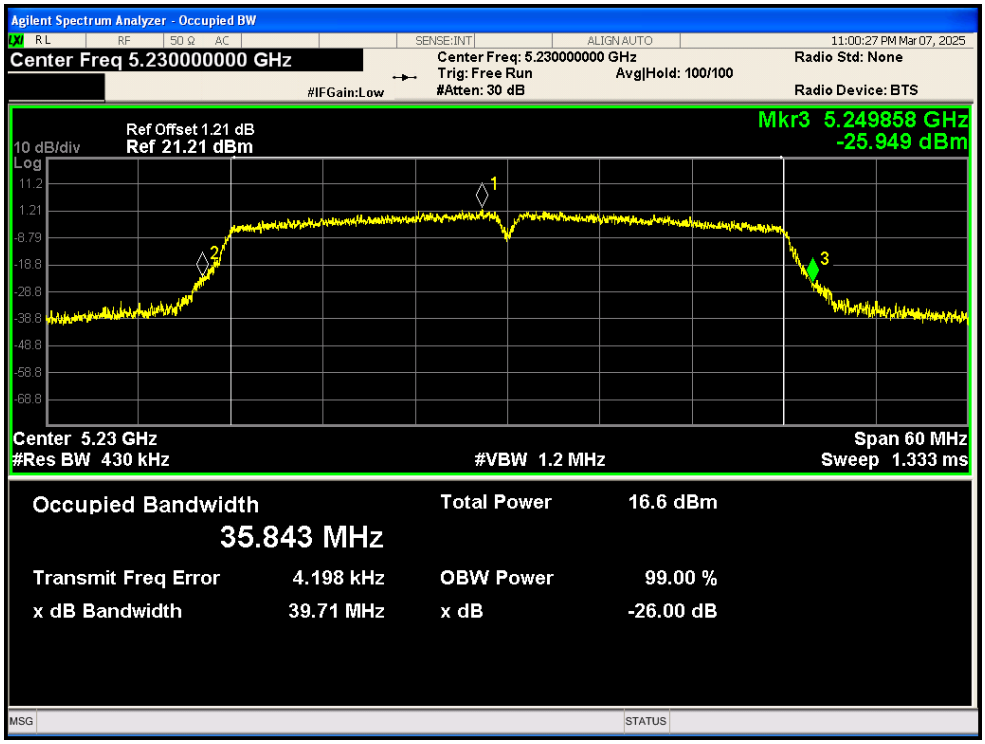
-26dB Bandwidth NVNT n20 5240MHz Ant2



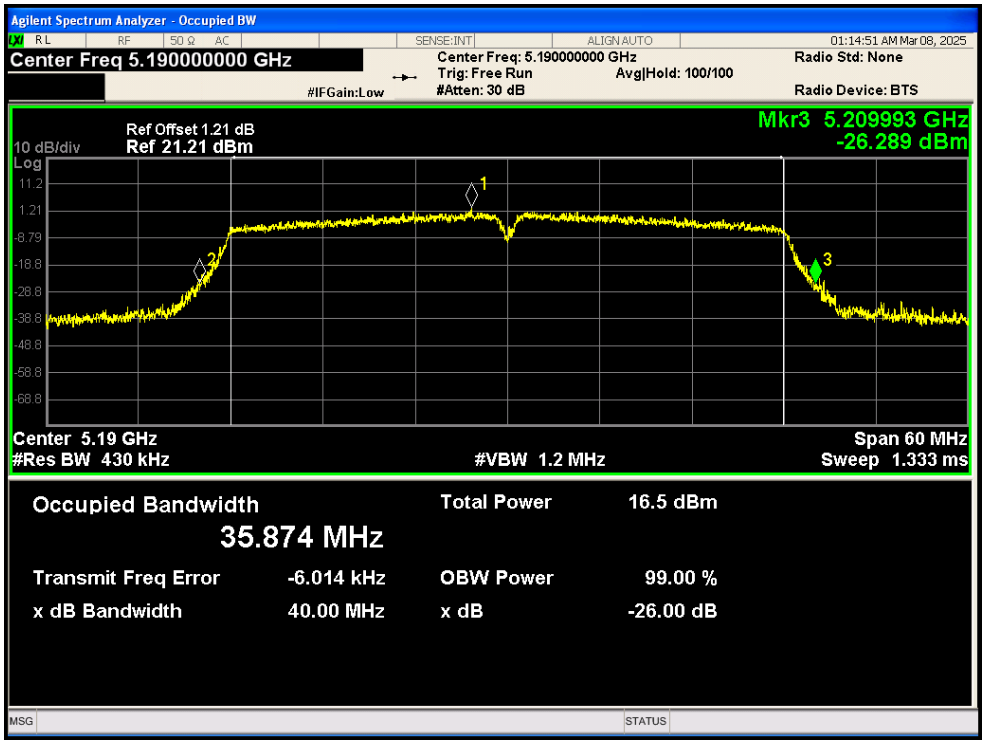
-26dB Bandwidth NVNT n40 5190MHz Ant1



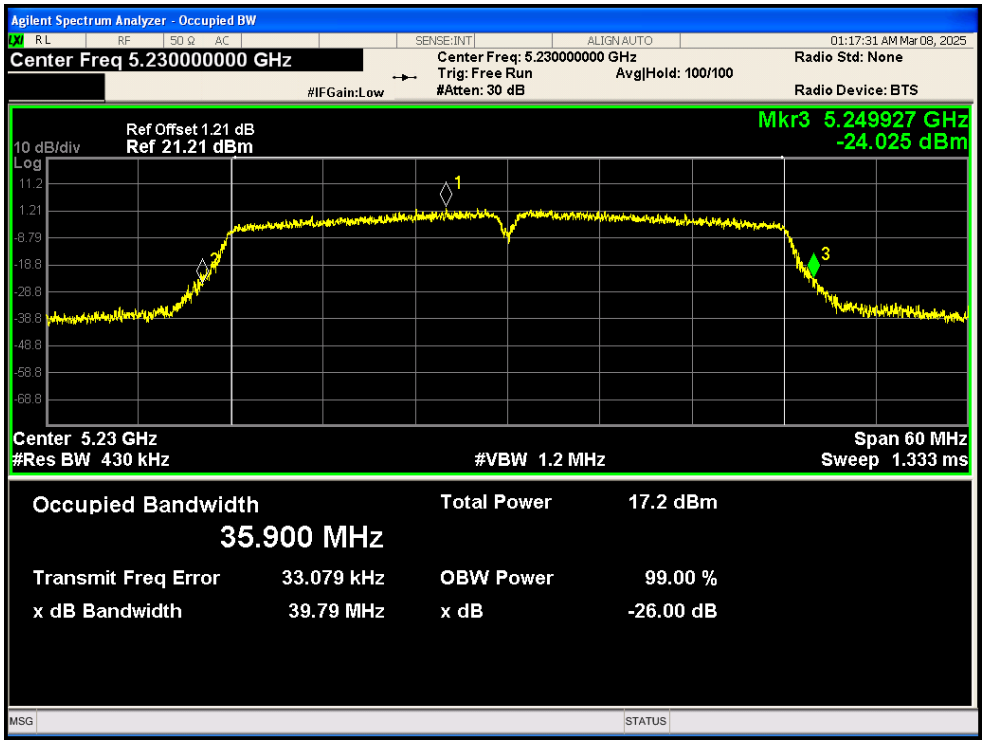
-26dB Bandwidth NVNT n40 5230MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant2



-26dB Bandwidth NVNT n40 5230MHz Ant2

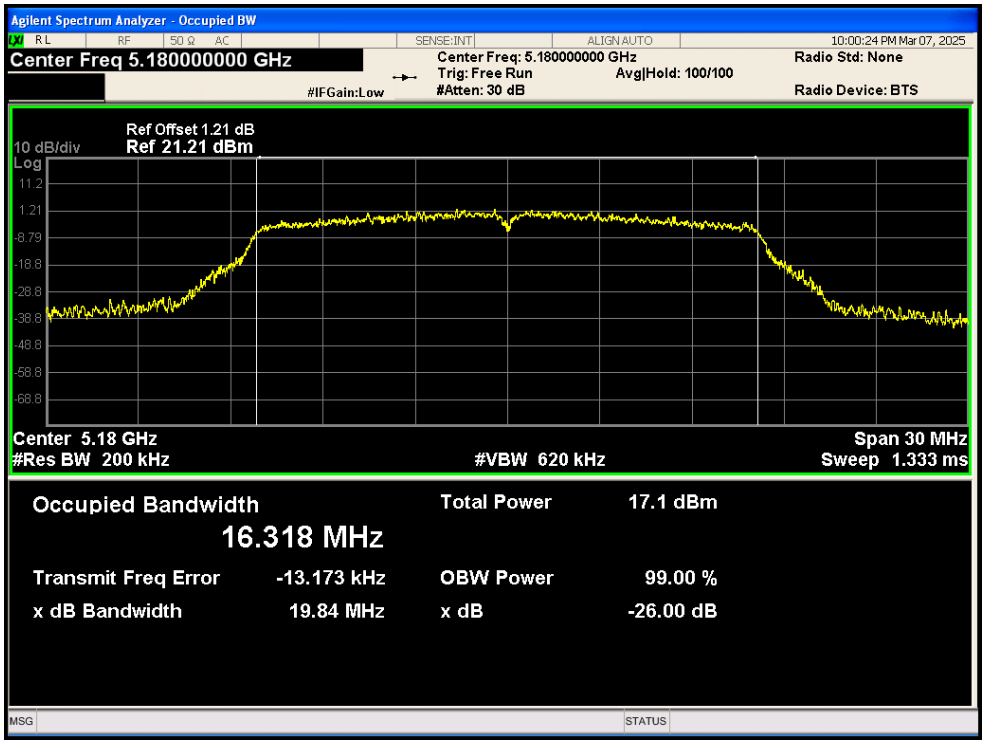


Occupied Channel Bandwidth

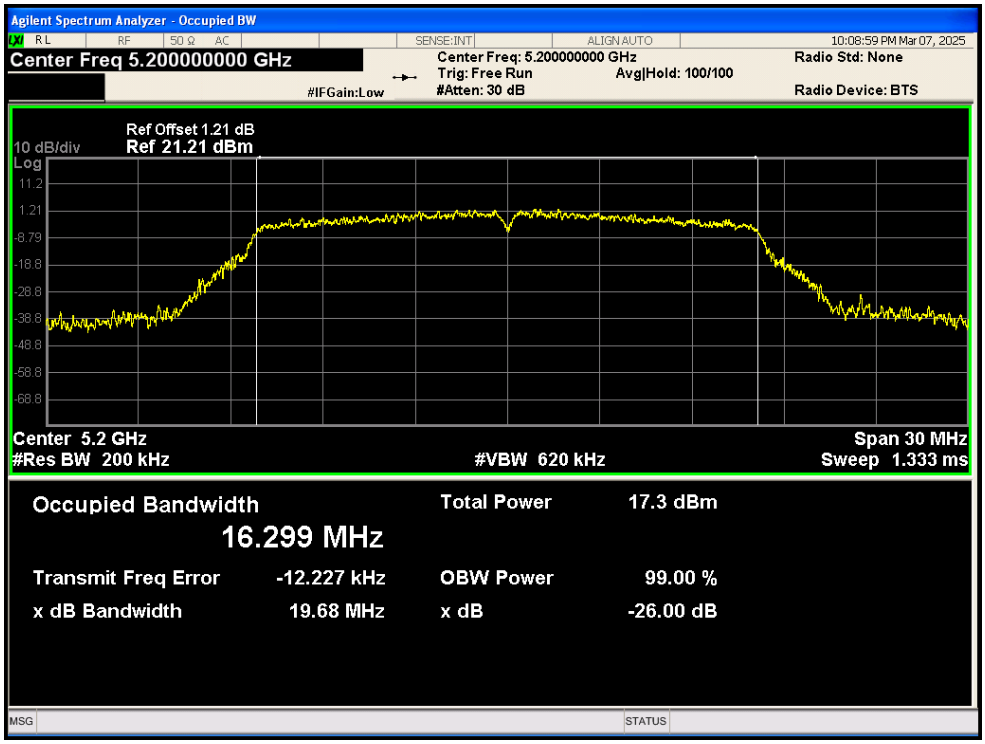
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.318
NVNT	a	5200	Ant1	16.299
NVNT	a	5240	Ant1	16.35
NVNT	a	5180	Ant2	16.307
NVNT	a	5200	Ant2	16.324

NVNT	a	5240	Ant2	16.3
NVNT	ac20	5180	Ant1	17.463
NVNT	ac20	5200	Ant1	17.455
NVNT	ac20	5240	Ant1	17.492
NVNT	ac20	5180	Ant2	17.461
NVNT	ac20	5200	Ant2	17.467
NVNT	ac20	5240	Ant2	17.454
NVNT	ac40	5190	Ant1	35.829
NVNT	ac40	5230	Ant1	35.893
NVNT	ac40	5190	Ant2	35.883
NVNT	ac40	5230	Ant2	35.906
NVNT	ac80	5210	Ant1	75.546
NVNT	ac80	5210	Ant2	75.586
NVNT	ax20	5180	Ant1	18.707
NVNT	ax20	5200	Ant1	18.756
NVNT	ax20	5240	Ant1	18.753
NVNT	ax20	5180	Ant2	18.742
NVNT	ax20	5200	Ant2	18.756
NVNT	ax20	5240	Ant2	18.727
NVNT	ax40	5190	Ant1	37.515
NVNT	ax40	5230	Ant1	37.49
NVNT	ax40	5190	Ant2	37.564
NVNT	ax40	5230	Ant2	37.456
NVNT	ax80	5210	Ant1	77.244
NVNT	ax80	5210	Ant2	77.311
NVNT	n20	5180	Ant1	17.465
NVNT	n20	5200	Ant1	17.471
NVNT	n20	5240	Ant1	17.48
NVNT	n20	5180	Ant2	17.457
NVNT	n20	5200	Ant2	17.474
NVNT	n20	5240	Ant2	17.48
NVNT	n40	5190	Ant1	35.916
NVNT	n40	5230	Ant1	35.888
NVNT	n40	5190	Ant2	35.892
NVNT	n40	5230	Ant2	35.916

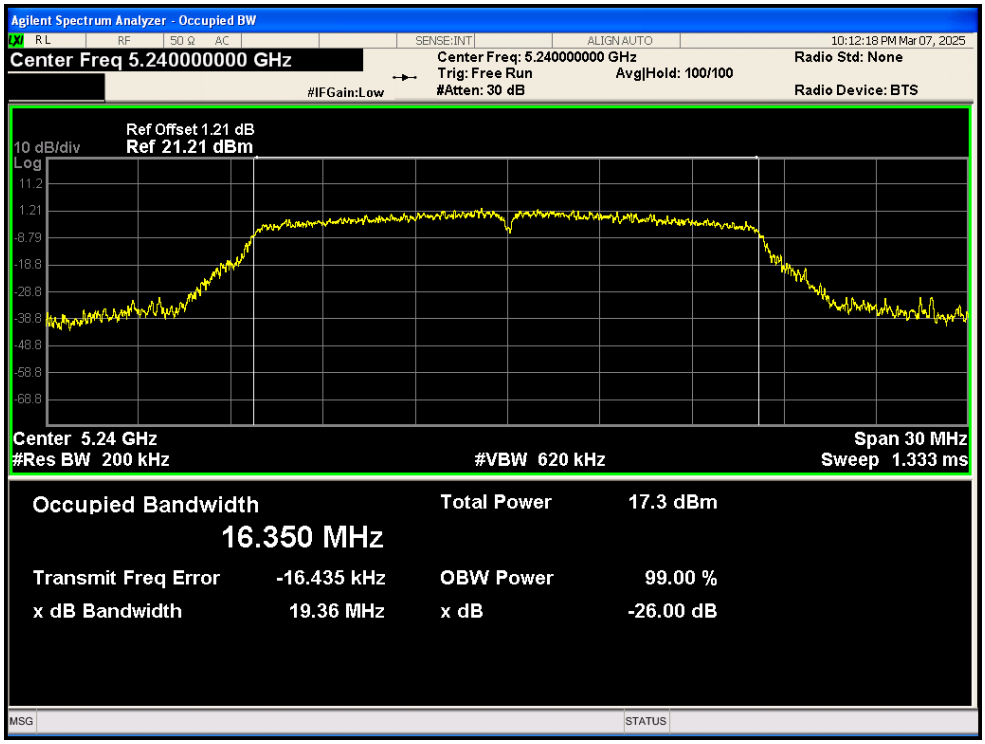
OBW NVNT a 5180MHz Ant1



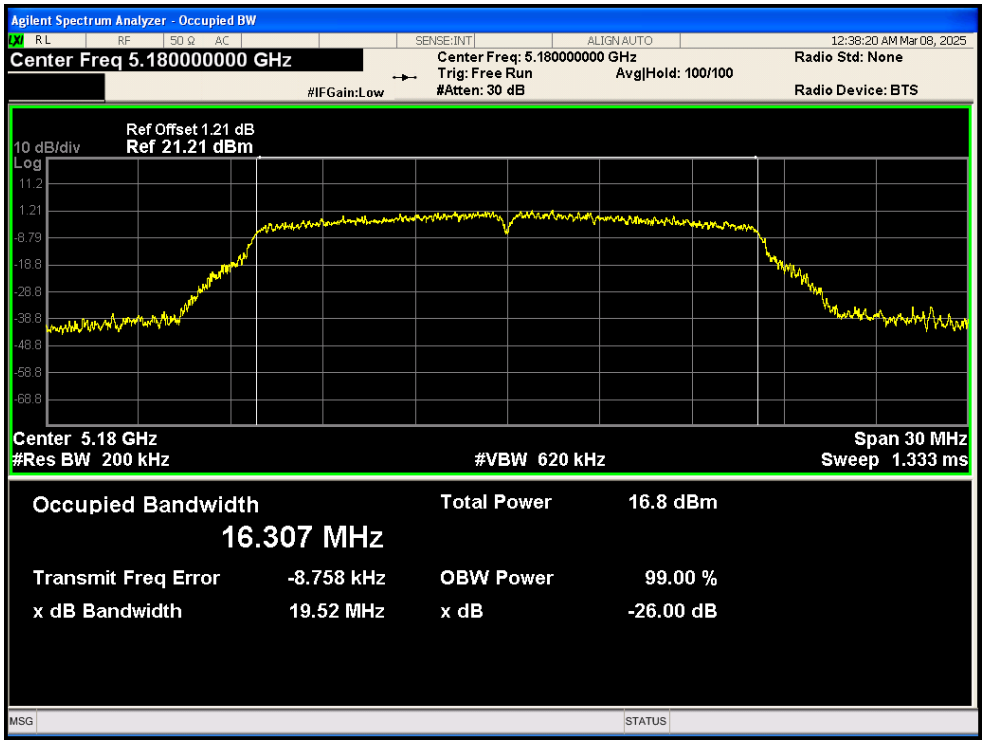
OBW NVNT a 5200MHz Ant1



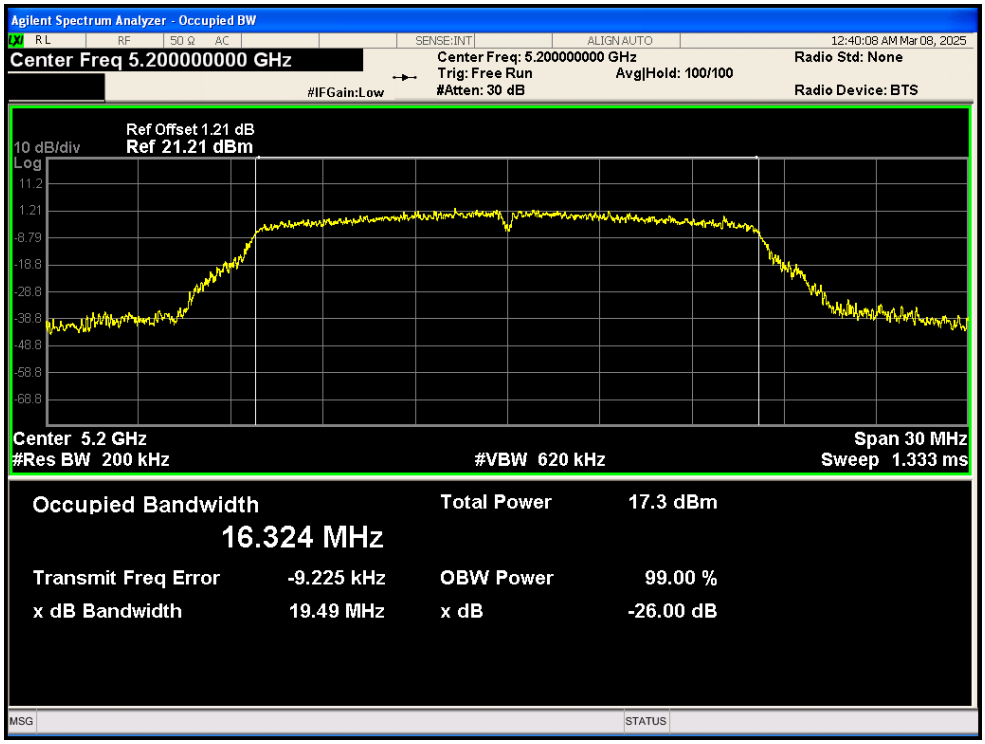
OBW NVNT a 5240MHz Ant1



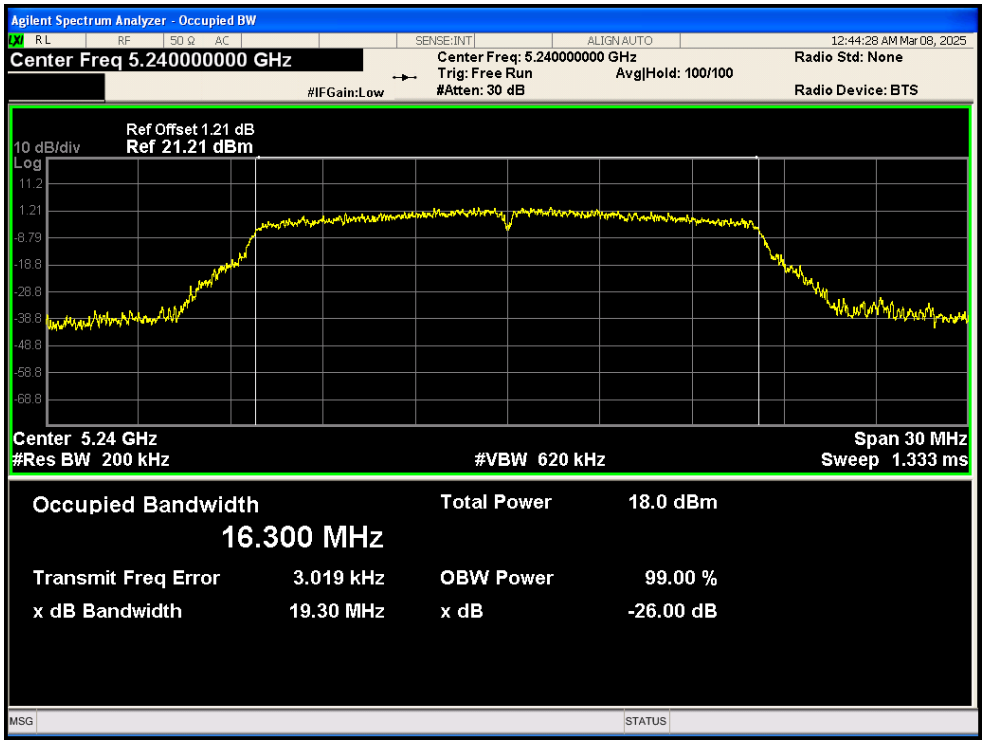
OBW NVNT a 5180MHz Ant2



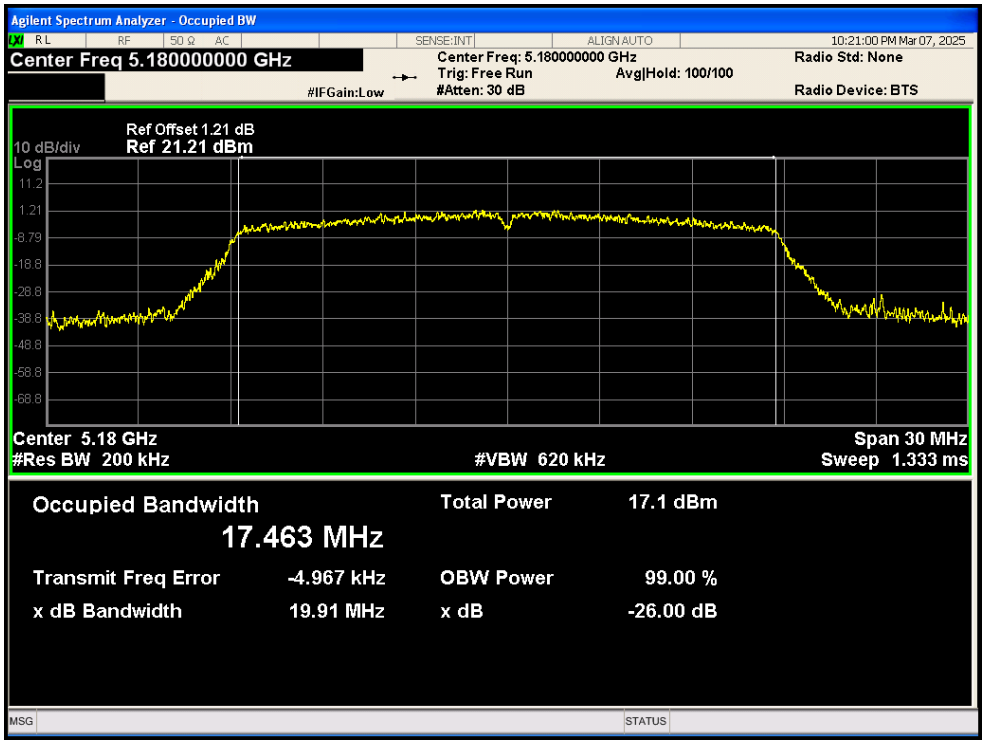
OBW NVNT a 5200MHz Ant2



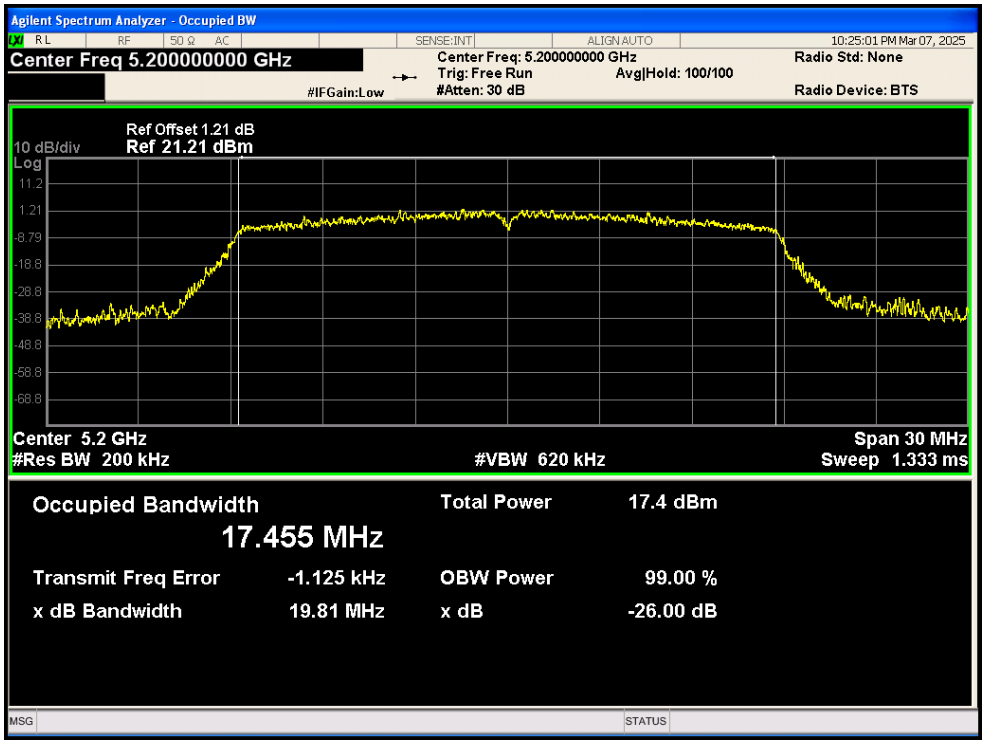
OBW NVNT a 5240MHz Ant2



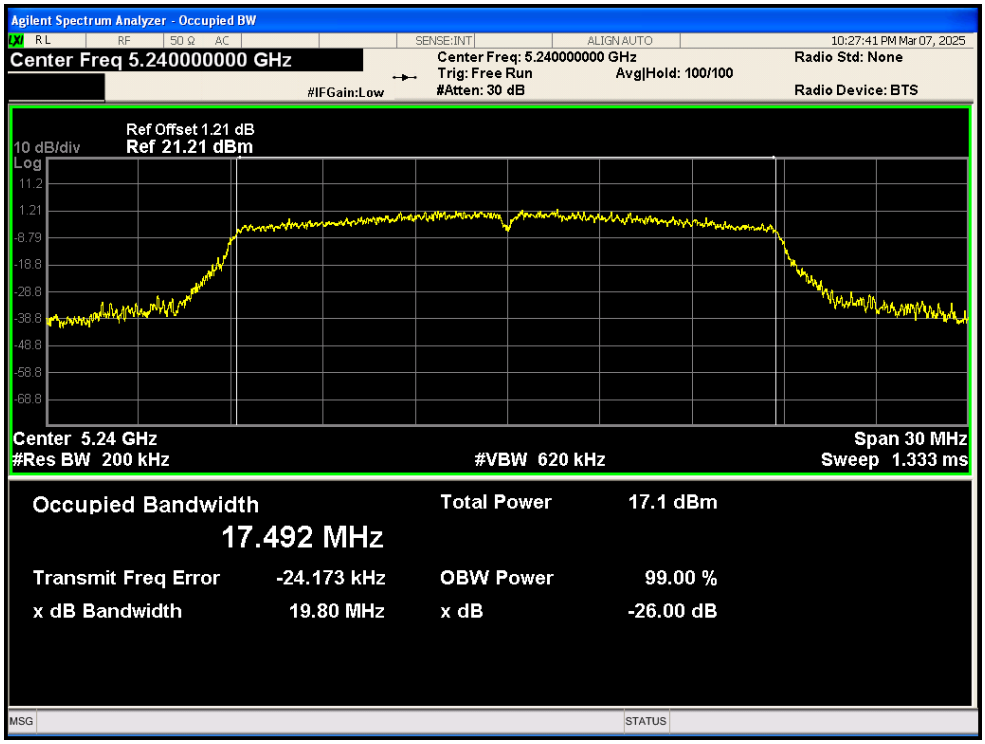
OBW NVNT ac20 5180MHz Ant1



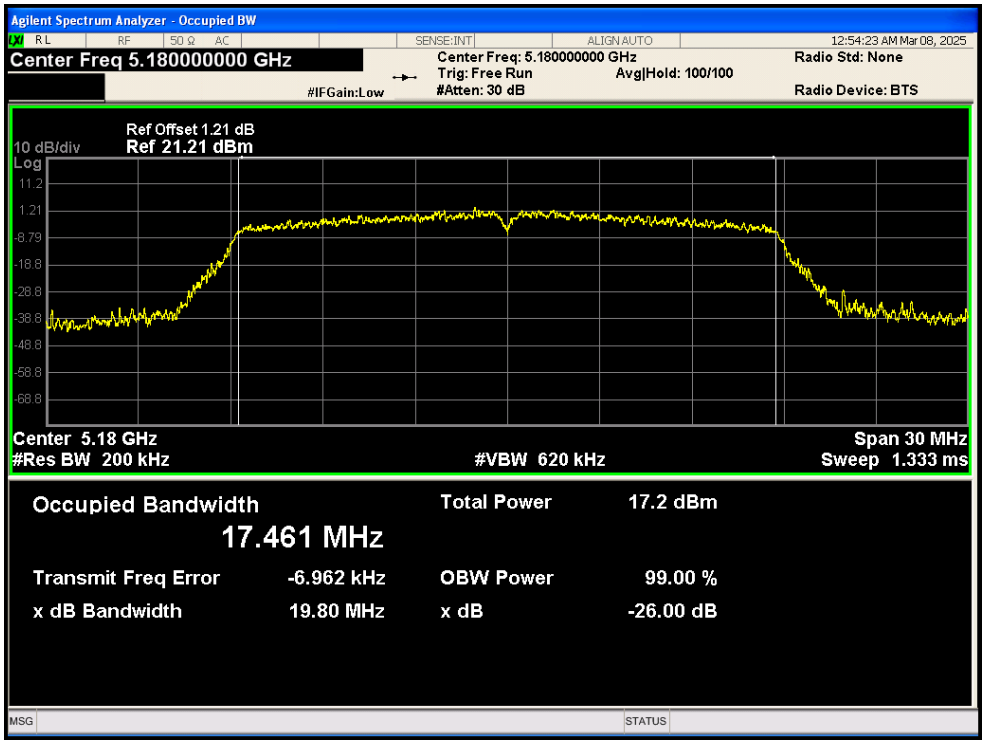
OBW NVNT ac20 5200MHz Ant1



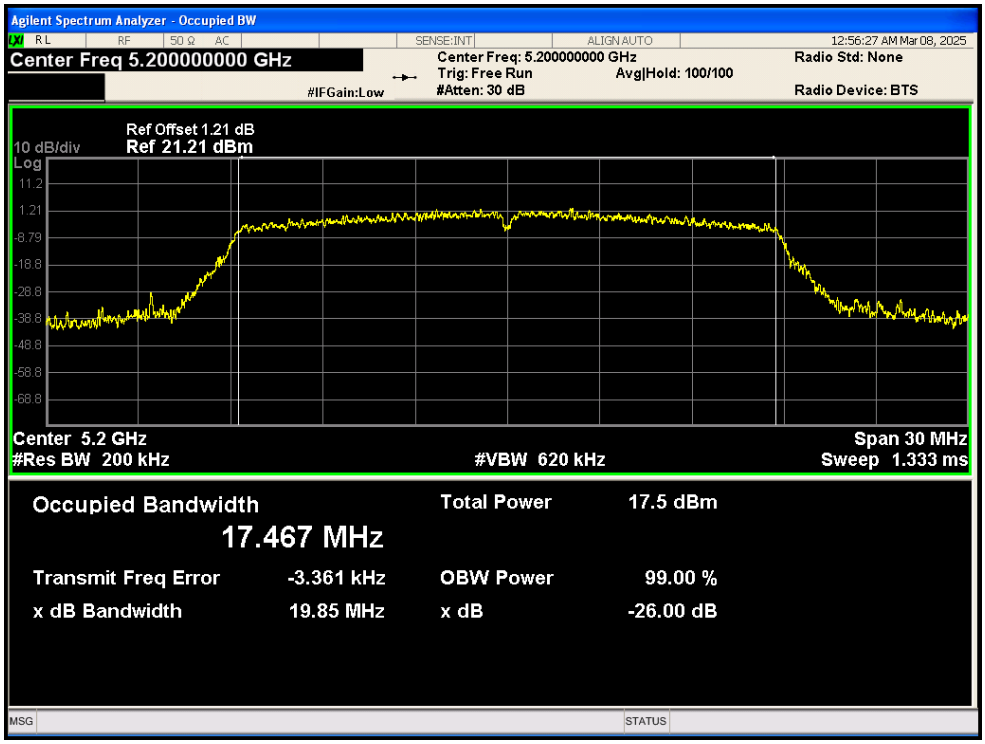
OBW NVNT ac20 5240MHz Ant1



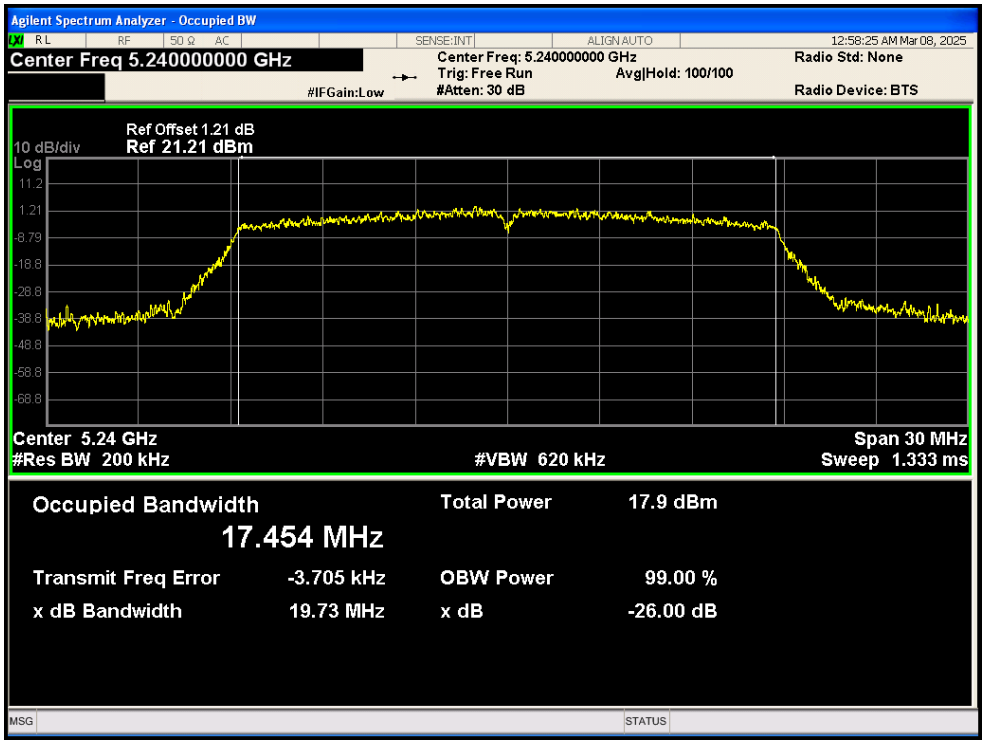
OBW NVNT ac20 5180MHz Ant2



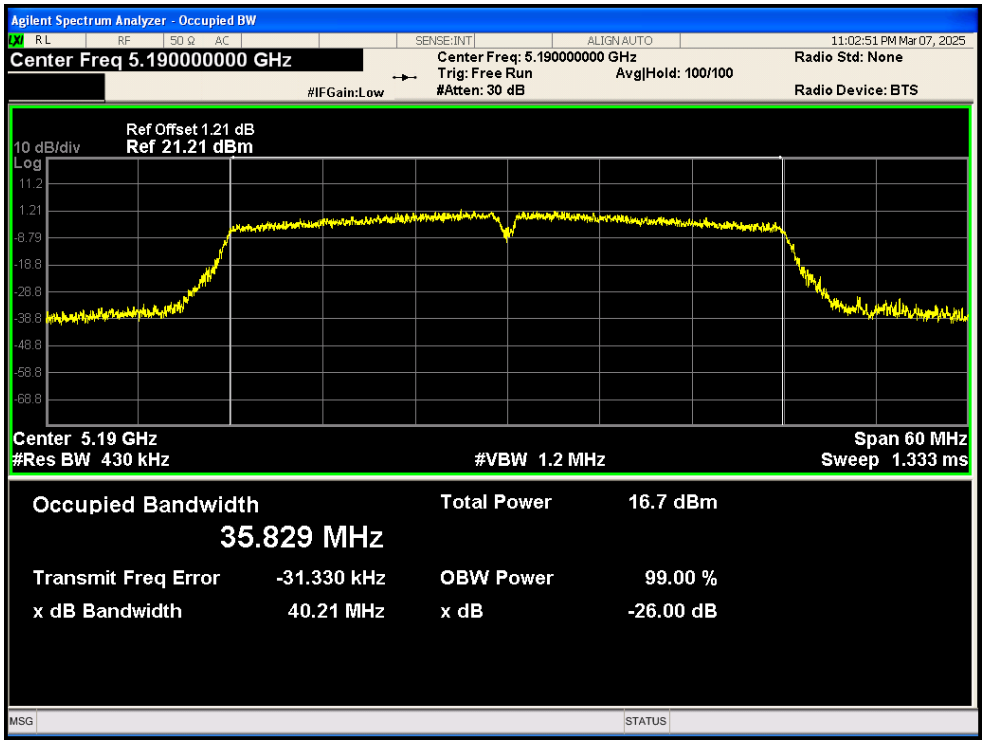
OBW NVNT ac20 5200MHz Ant2



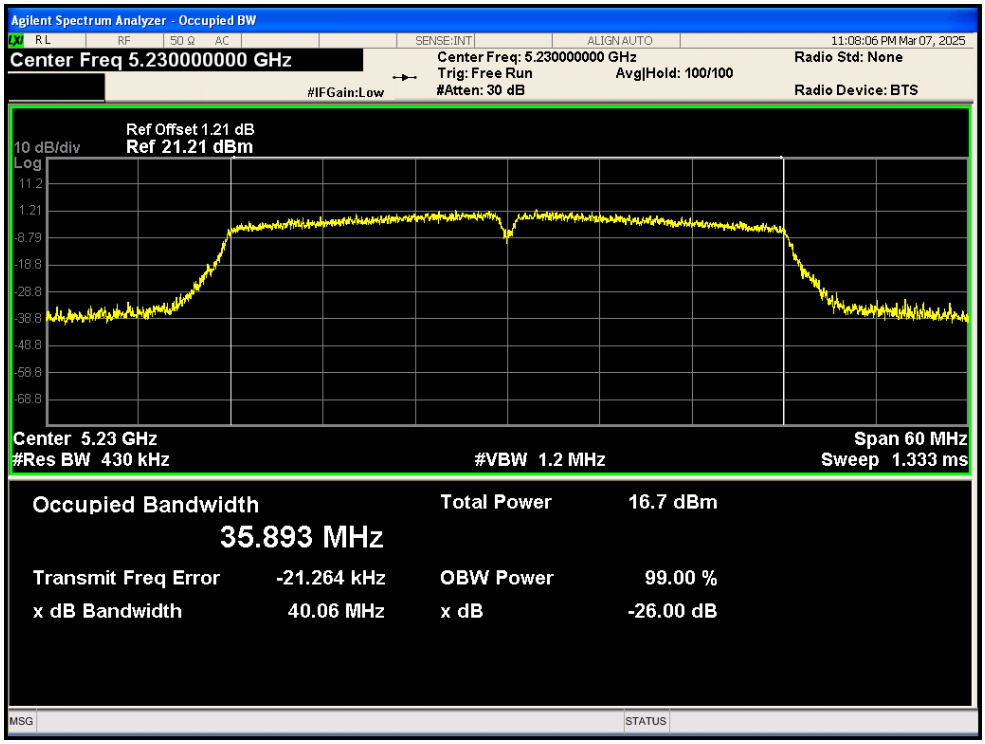
OBW NVNT ac20 5240MHz Ant2



OBW NVNT ac40 5190MHz Ant1



OBW NVNT ac40 5230MHz Ant1



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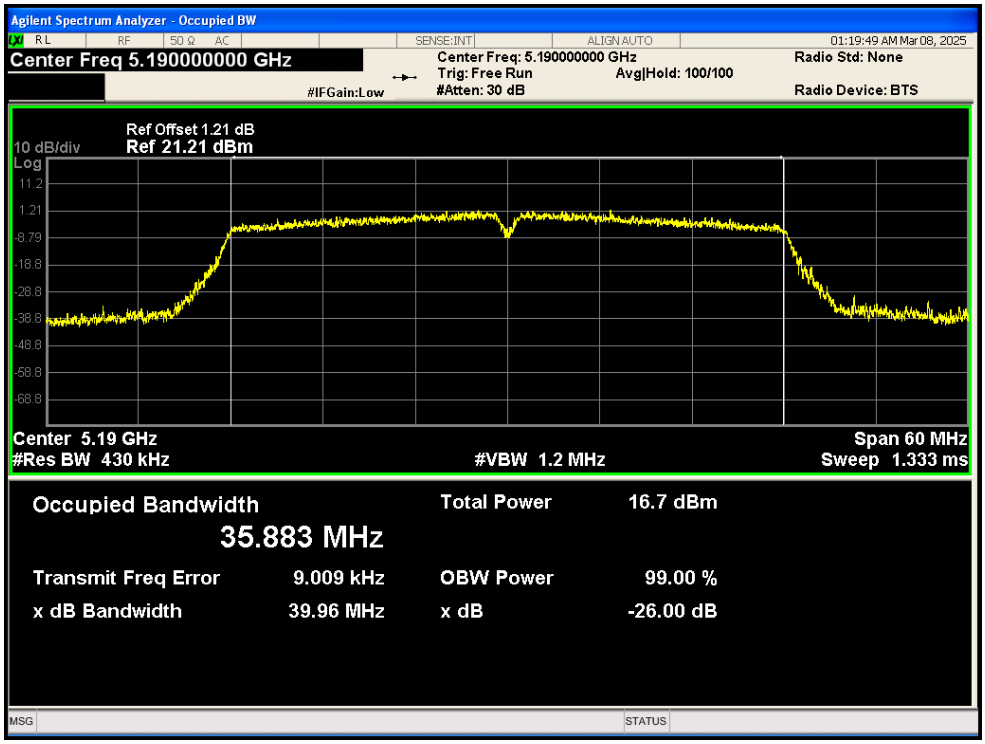

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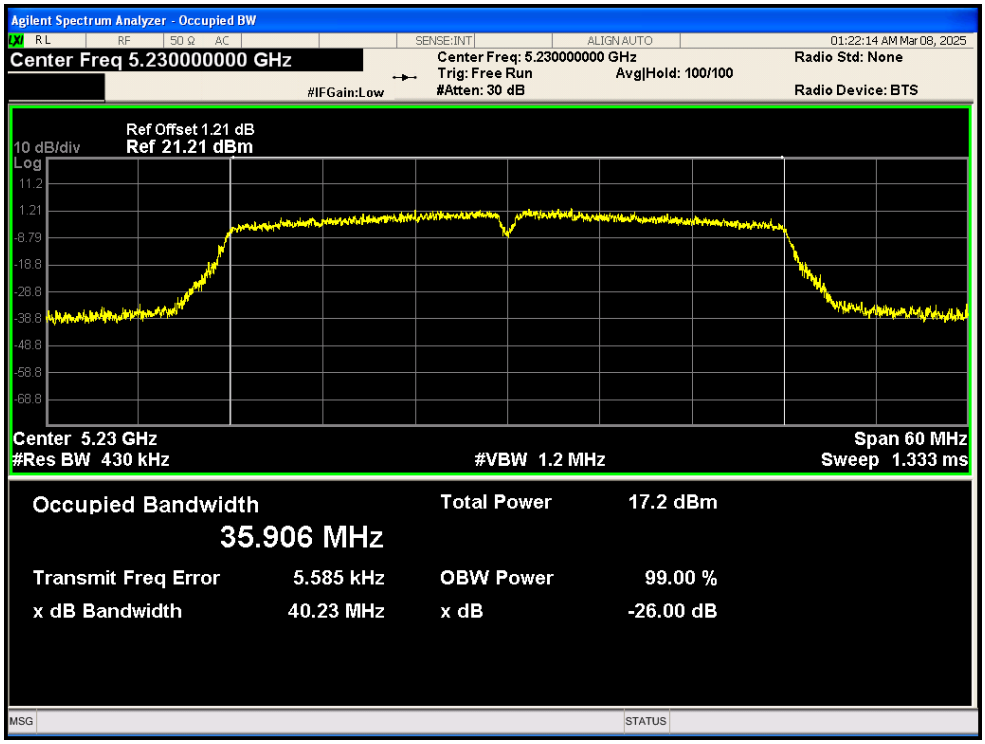
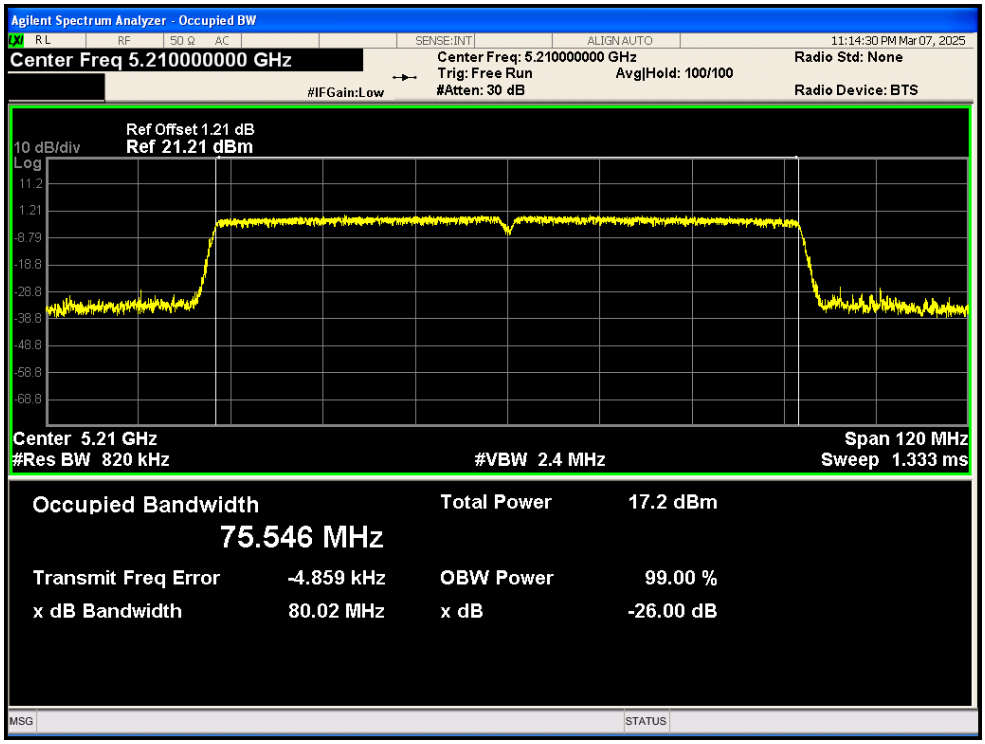
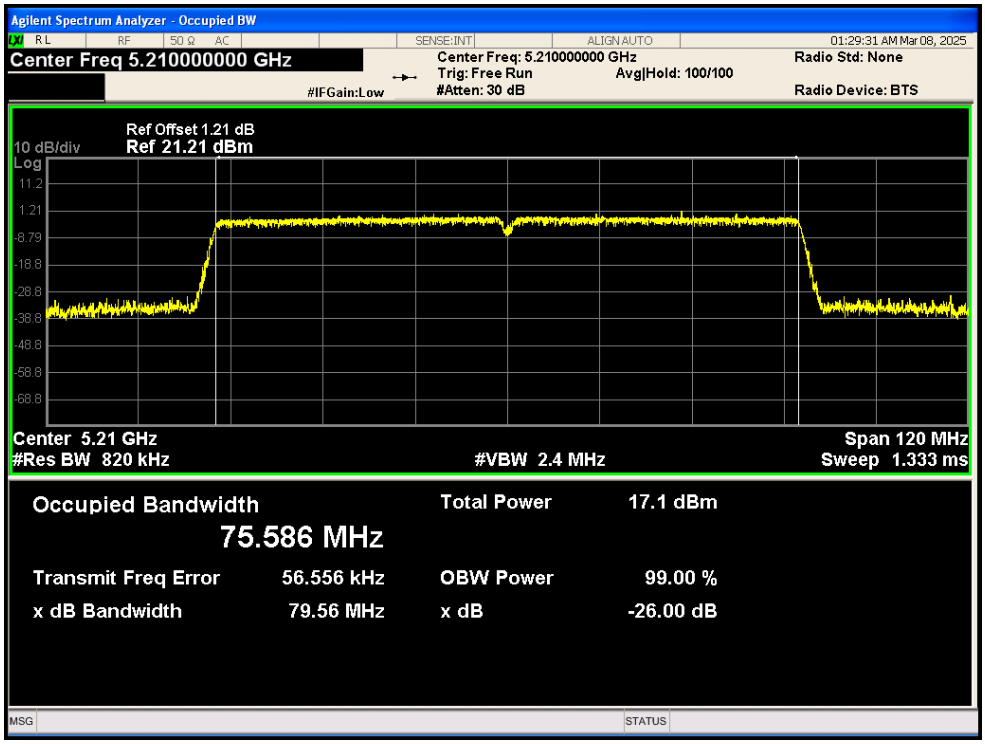


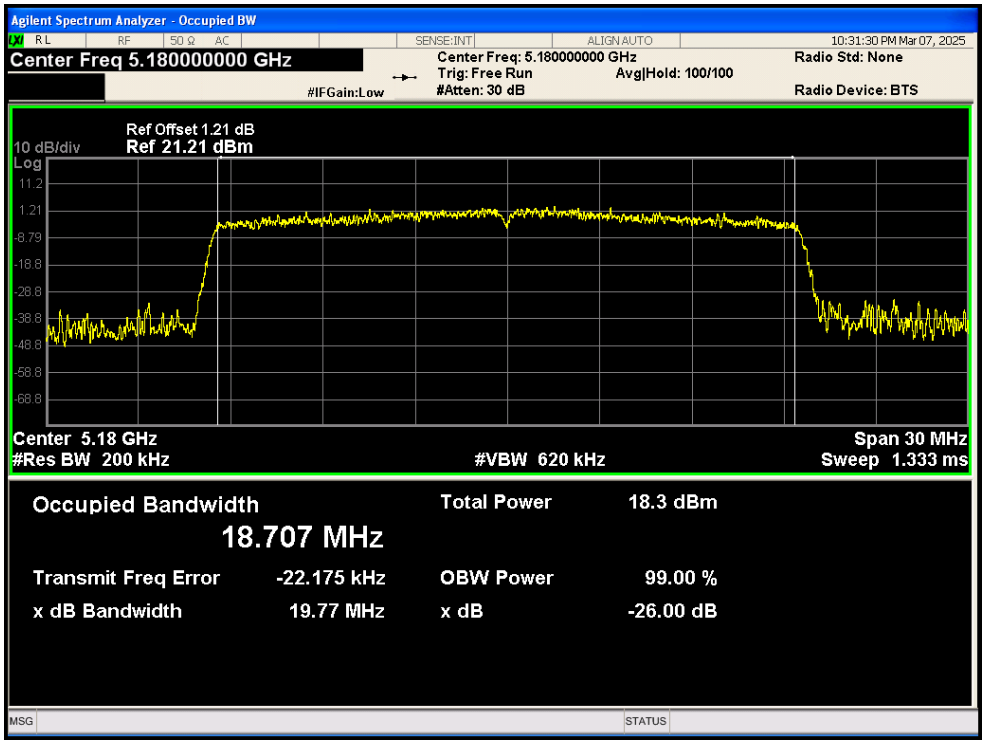
OBW NVNT ac80 5210MHz Ant1



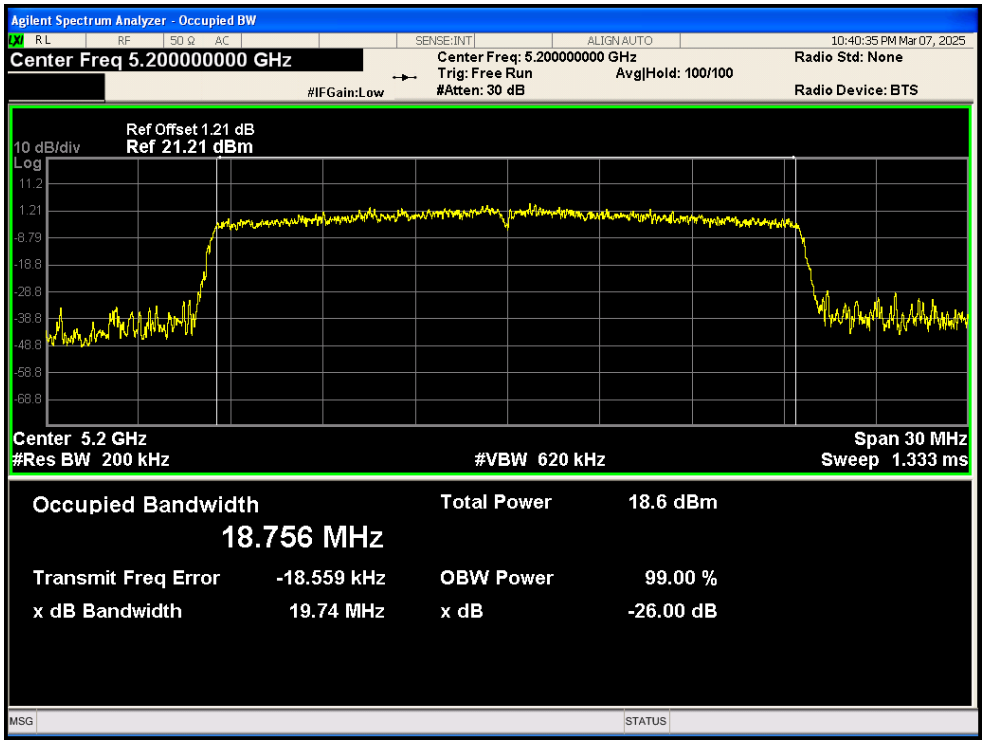
OBW NVNT ac80 5210MHz Ant2



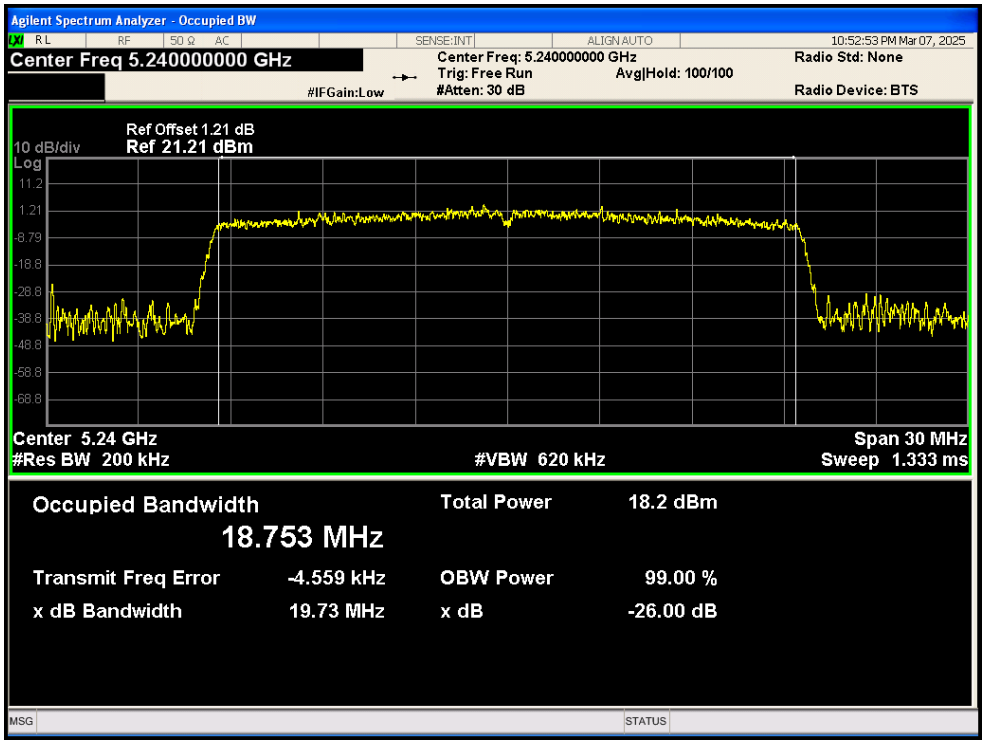
OBW NVNT ax20 5180MHz Ant1



OBW NVNT ax20 5200MHz Ant1



OBW NVNT ax20 5240MHz Ant1



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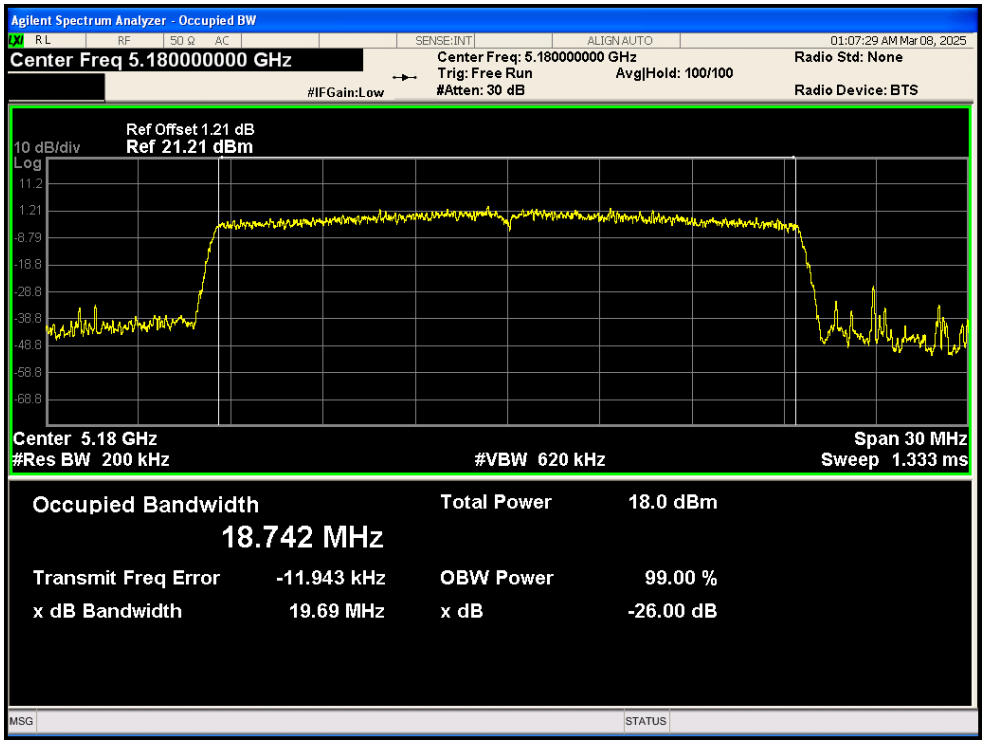
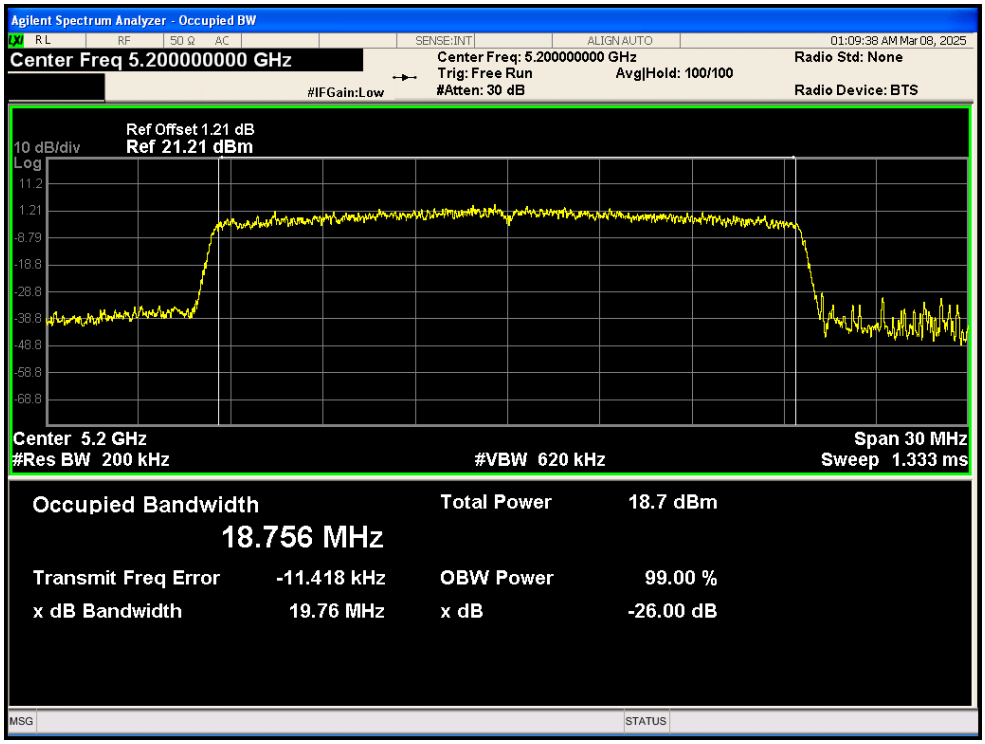
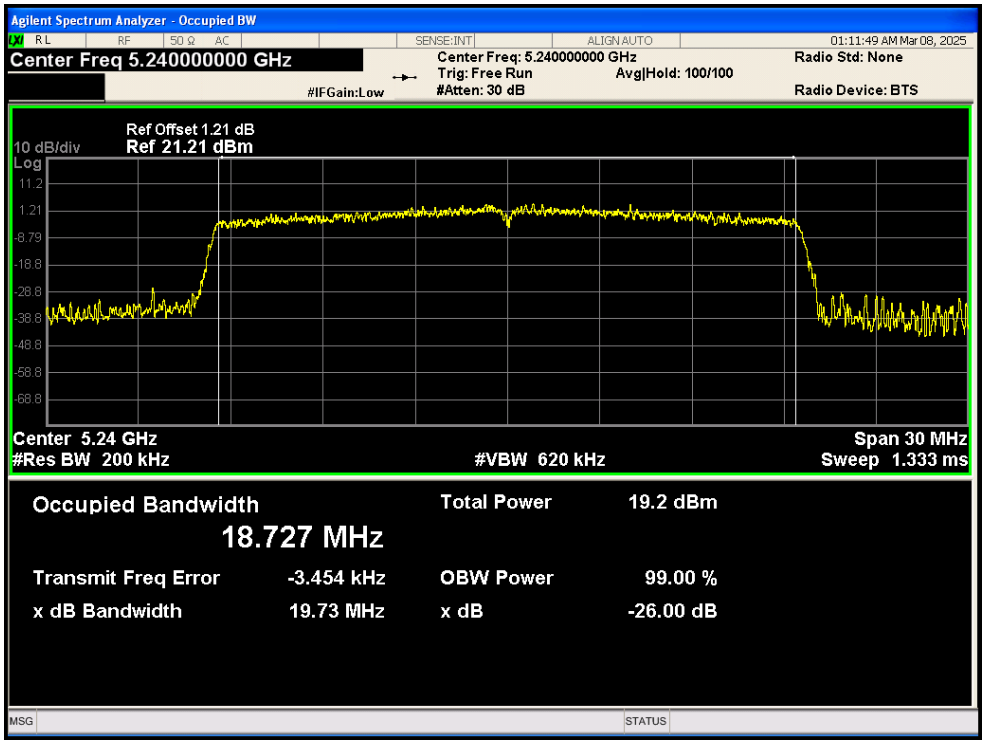


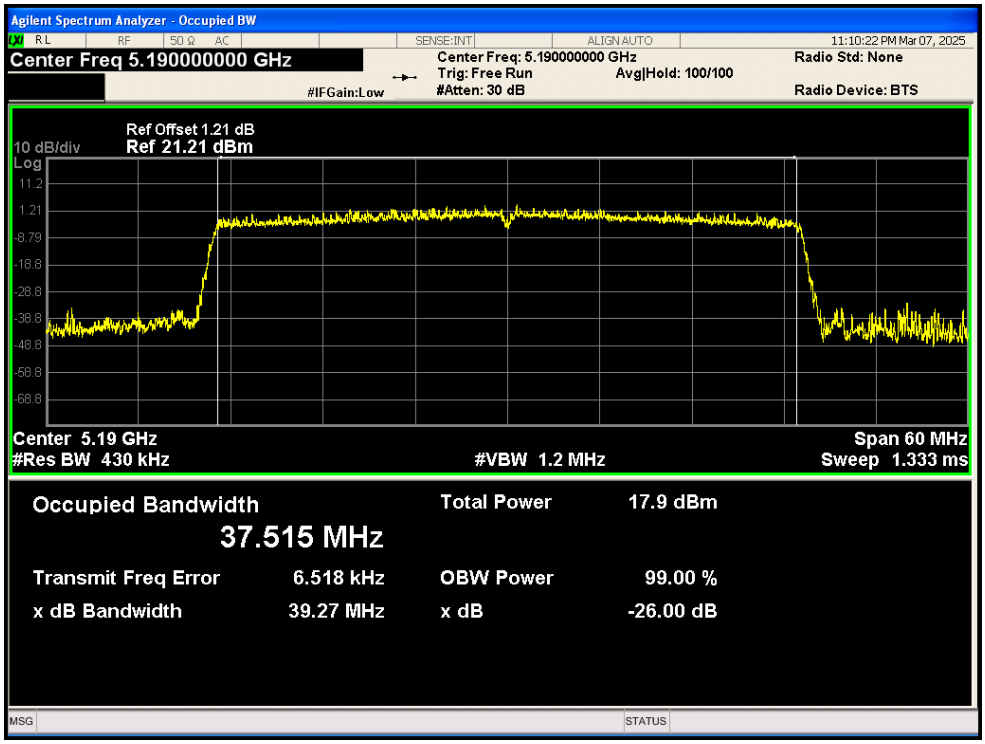
OBW NVNT ax20 5200MHz Ant2



OBW NVNT ax20 5240MHz Ant2



OBW NVNT ax40 5190MHz Ant1



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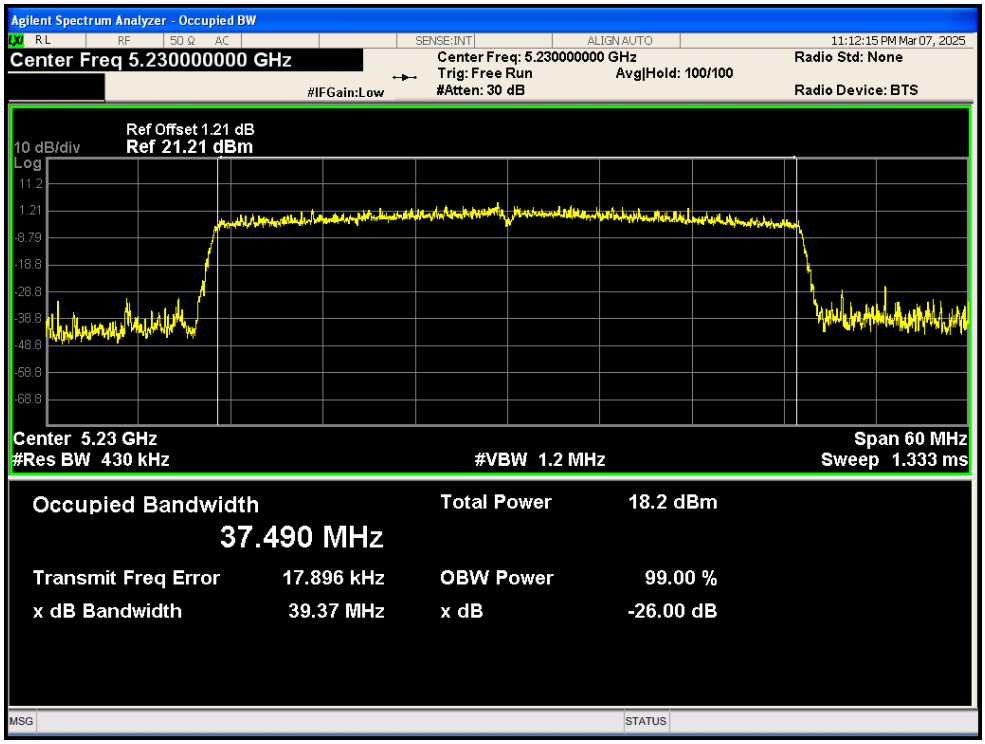

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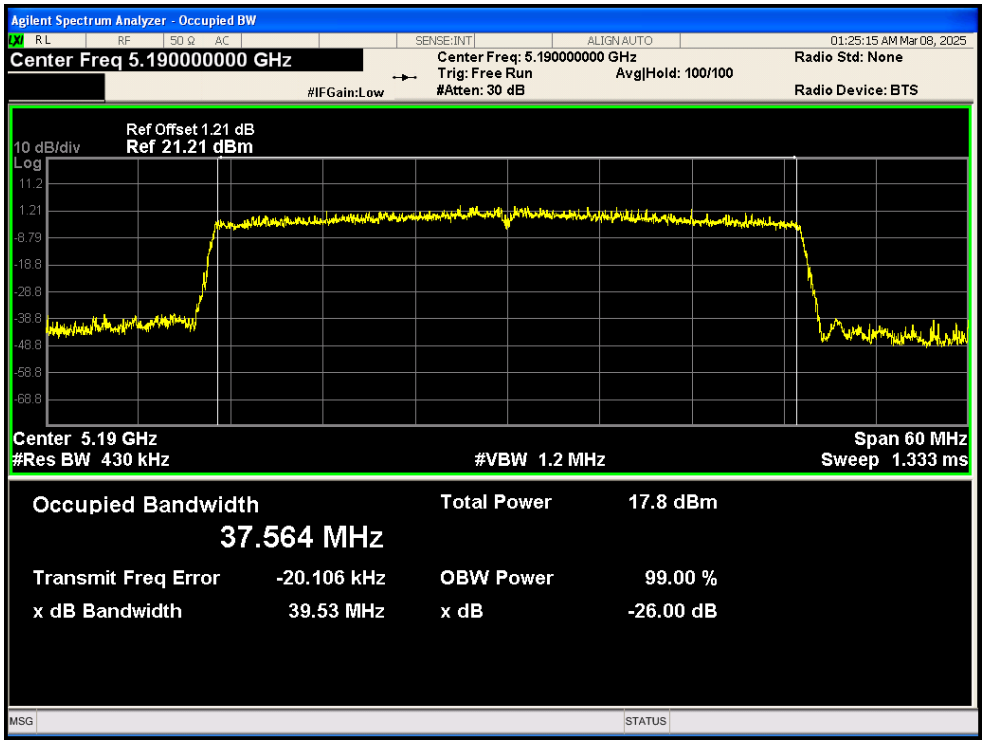
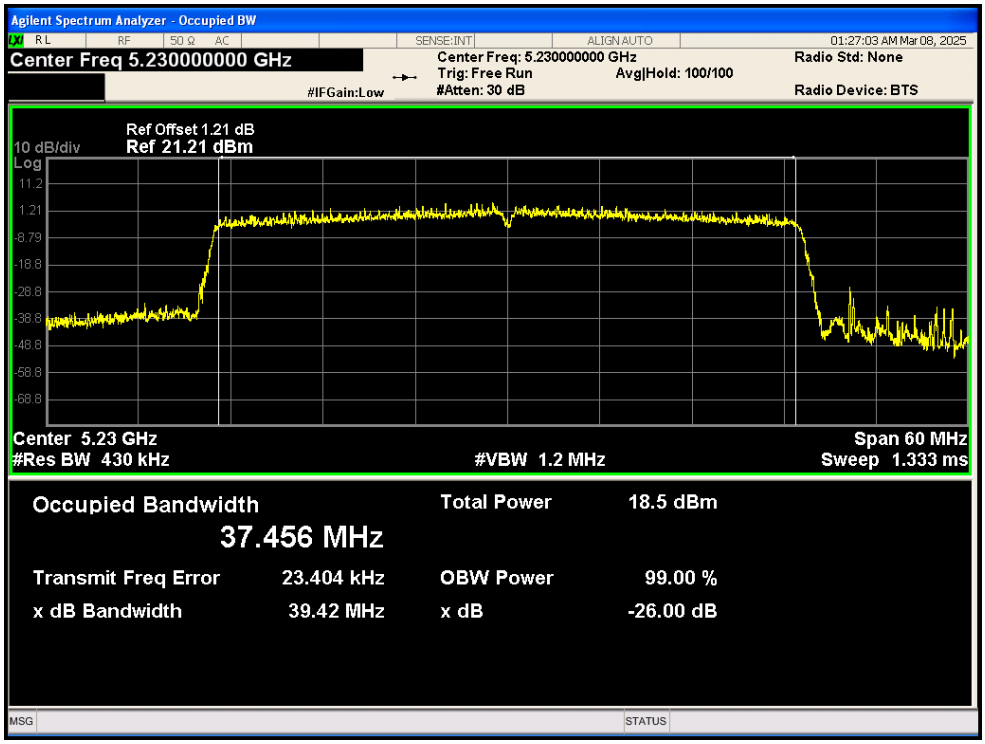
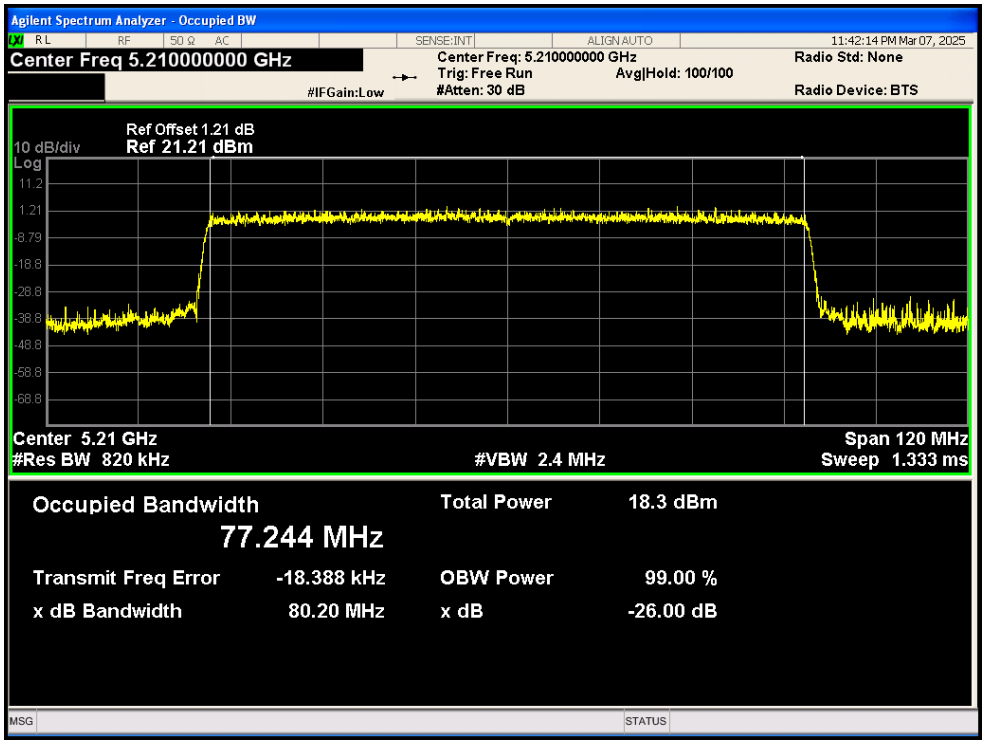


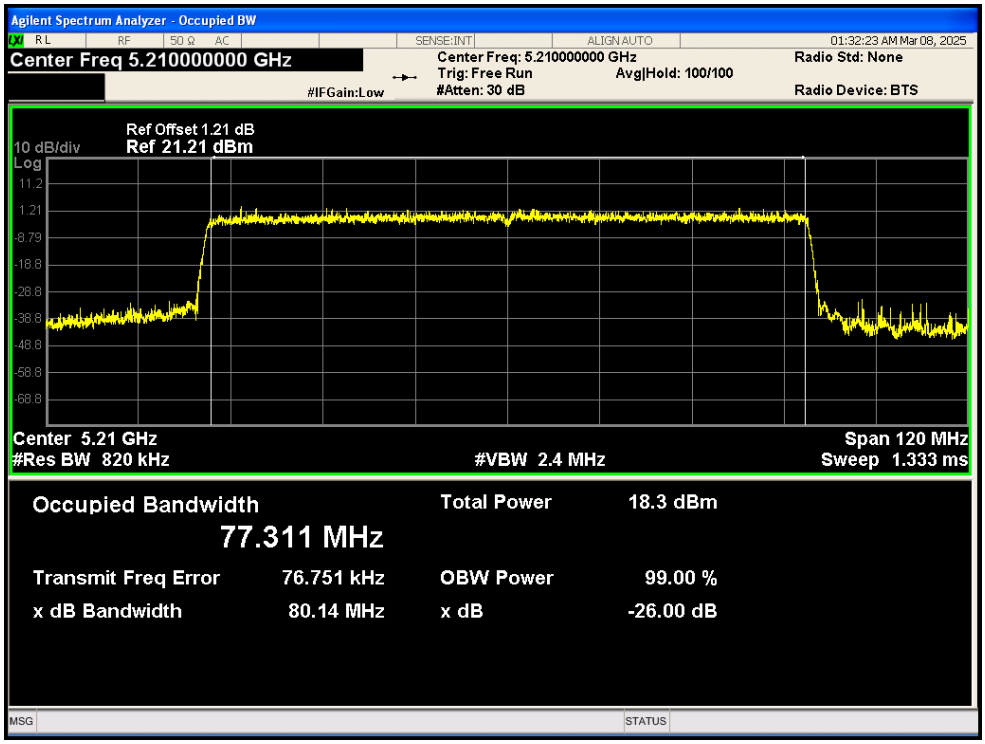
OBW NVNT ax40 5230MHz Ant2



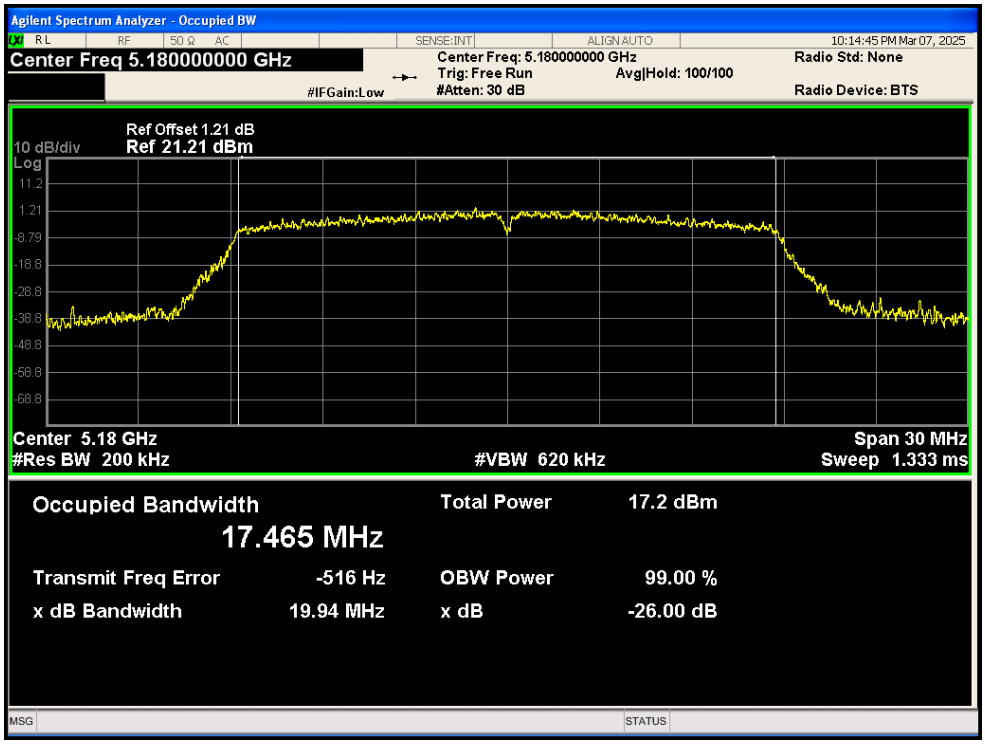
OBW NVNT ax80 5210MHz Ant1



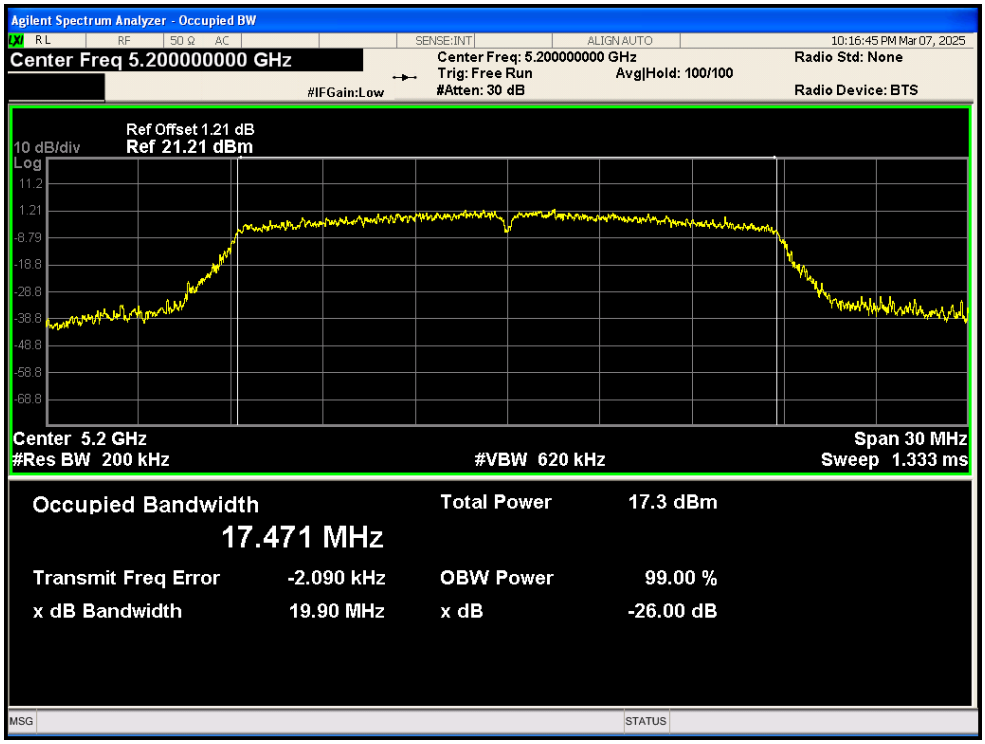
OBW NVNT ax80 5210MHz Ant2



OBW NVNT n20 5180MHz Ant1



OBW NVNT n20 5200MHz Ant1



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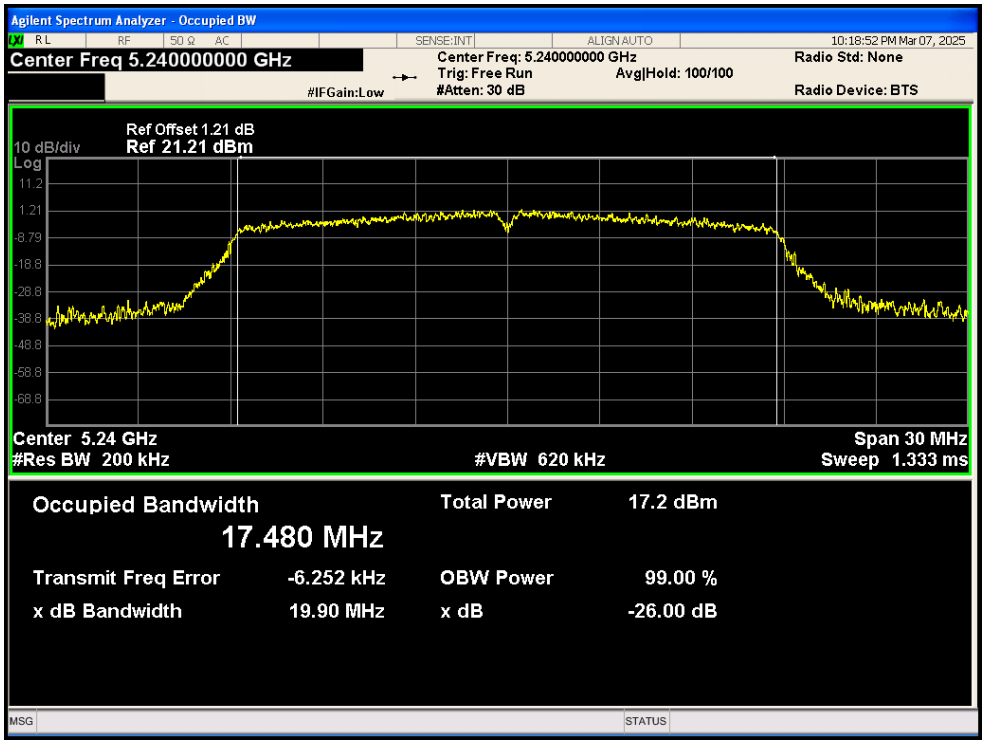

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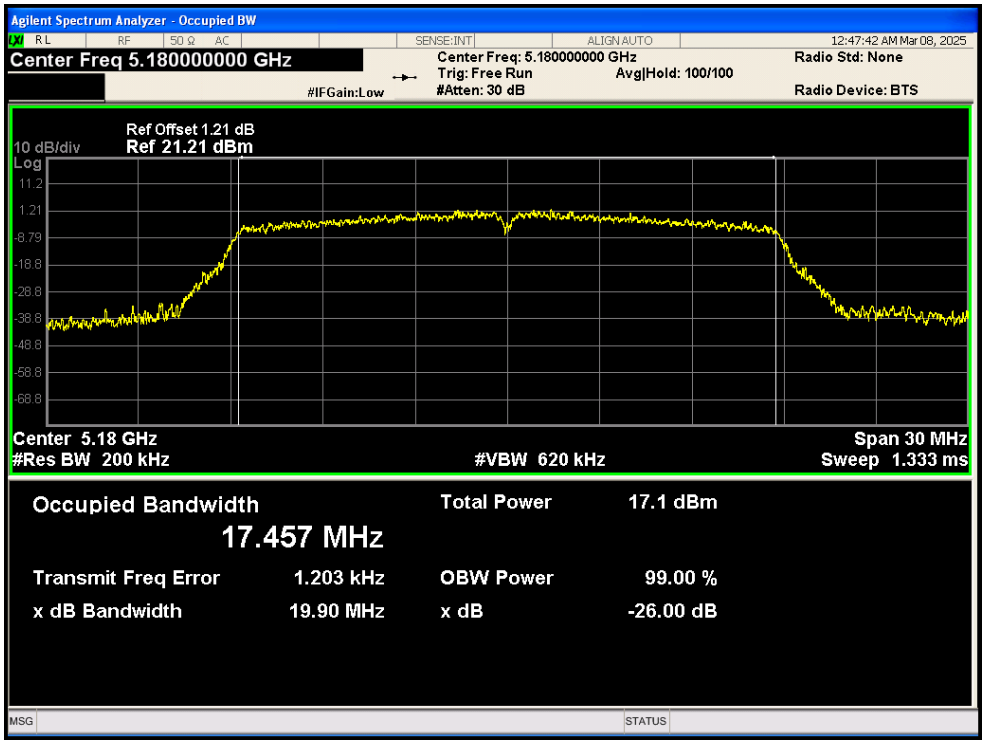
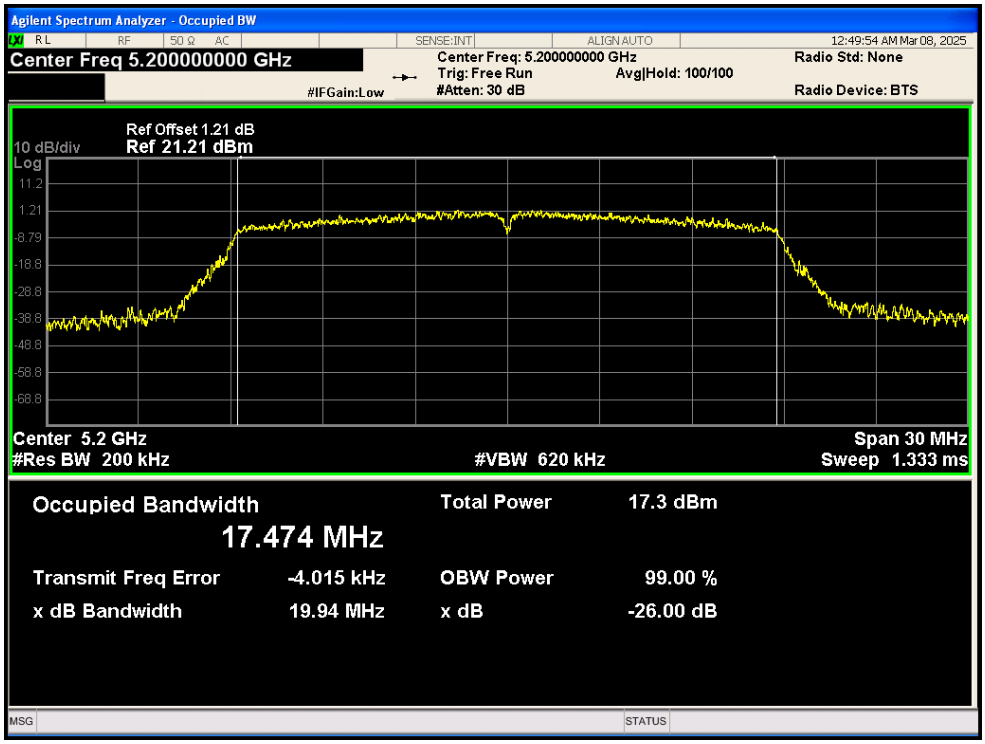


OBW NVNT n20 5200MHz Ant2



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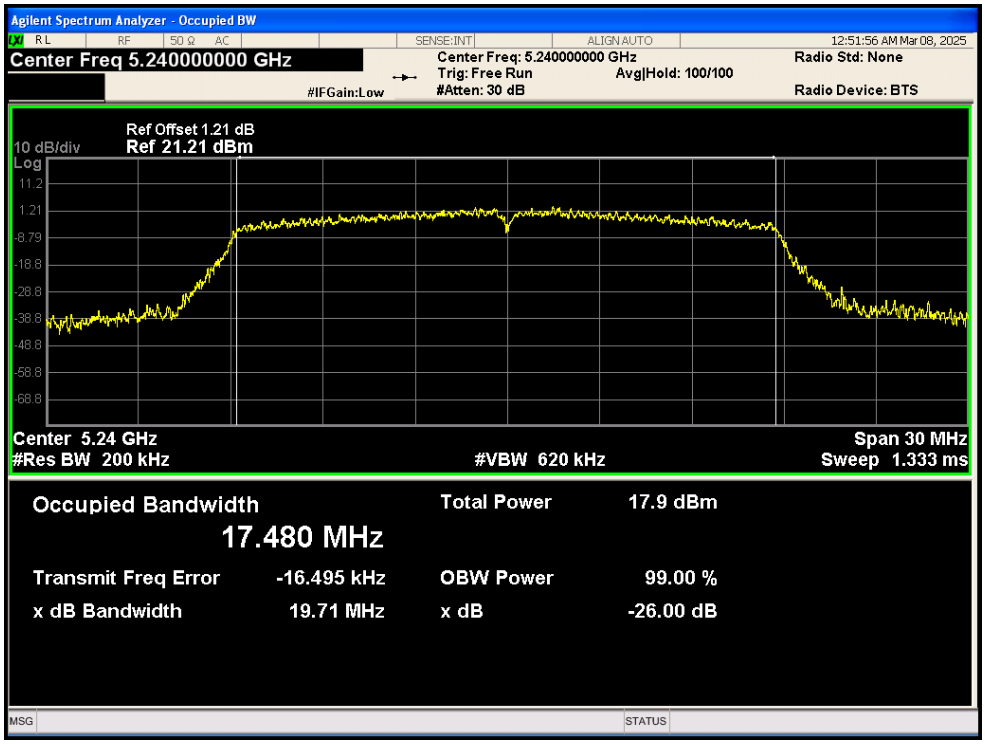

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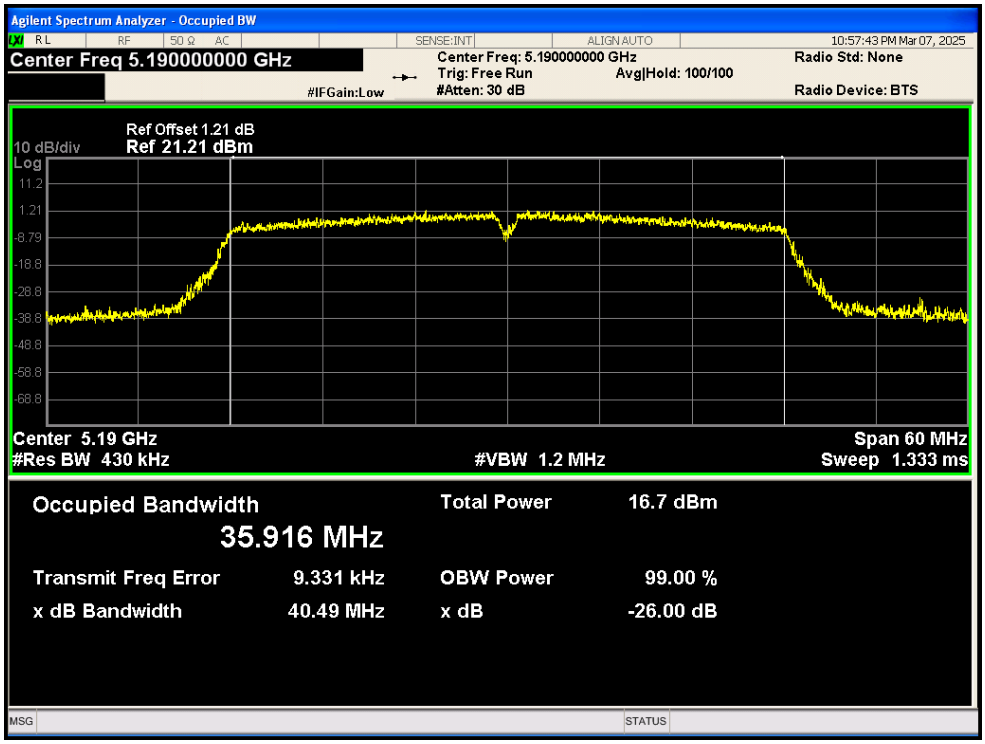
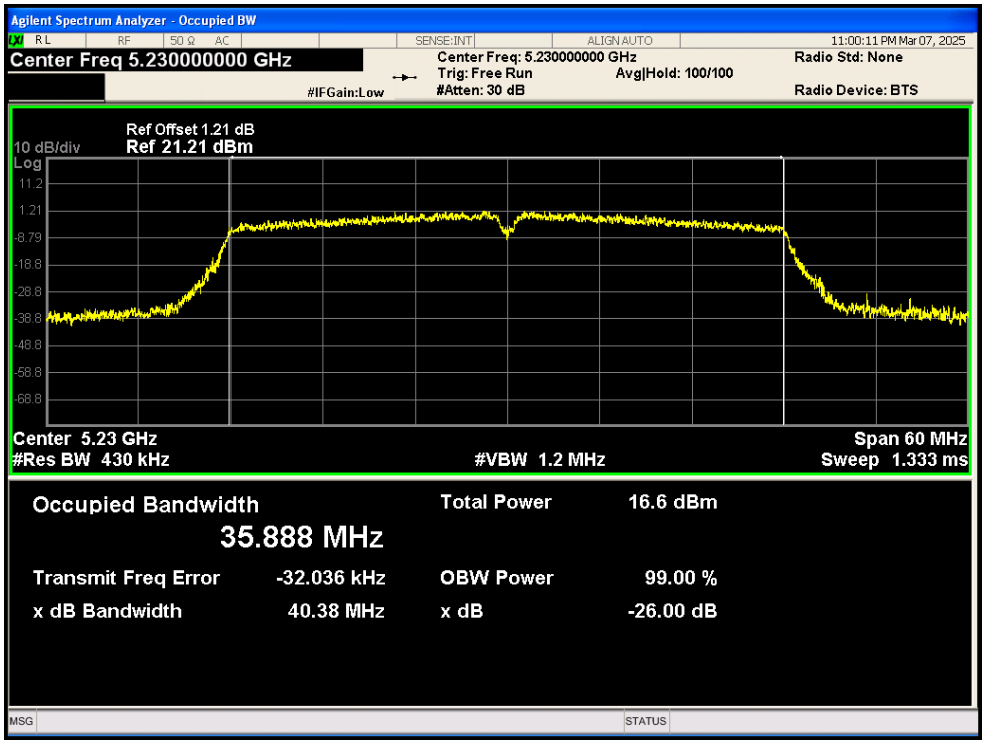


OBW NVNT n40 5230MHz Ant1



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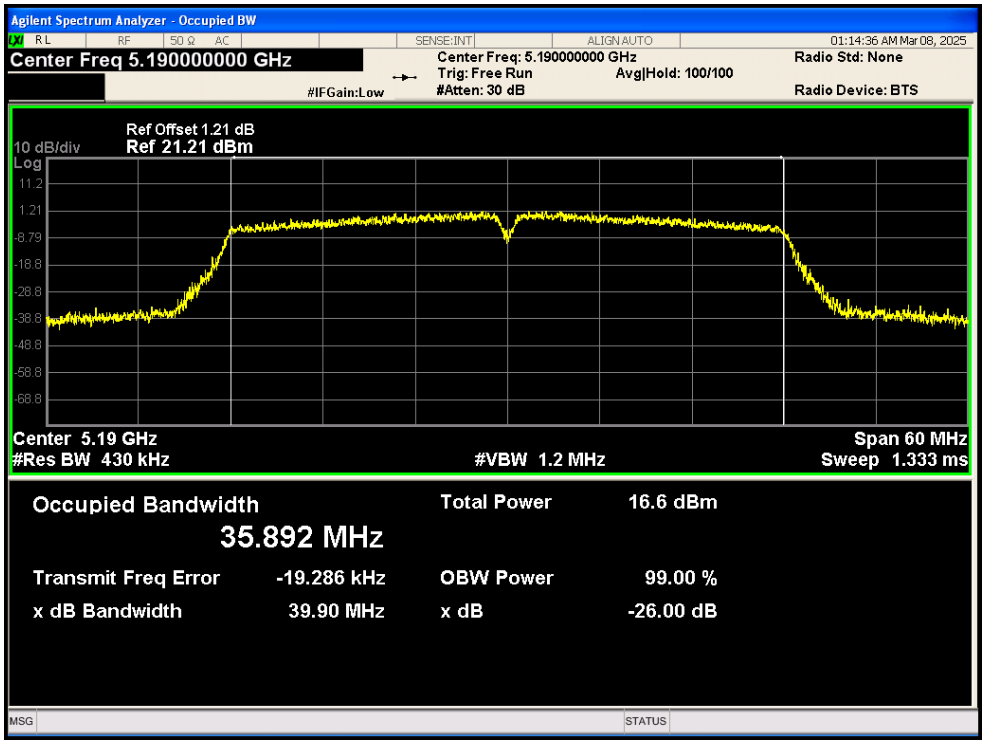
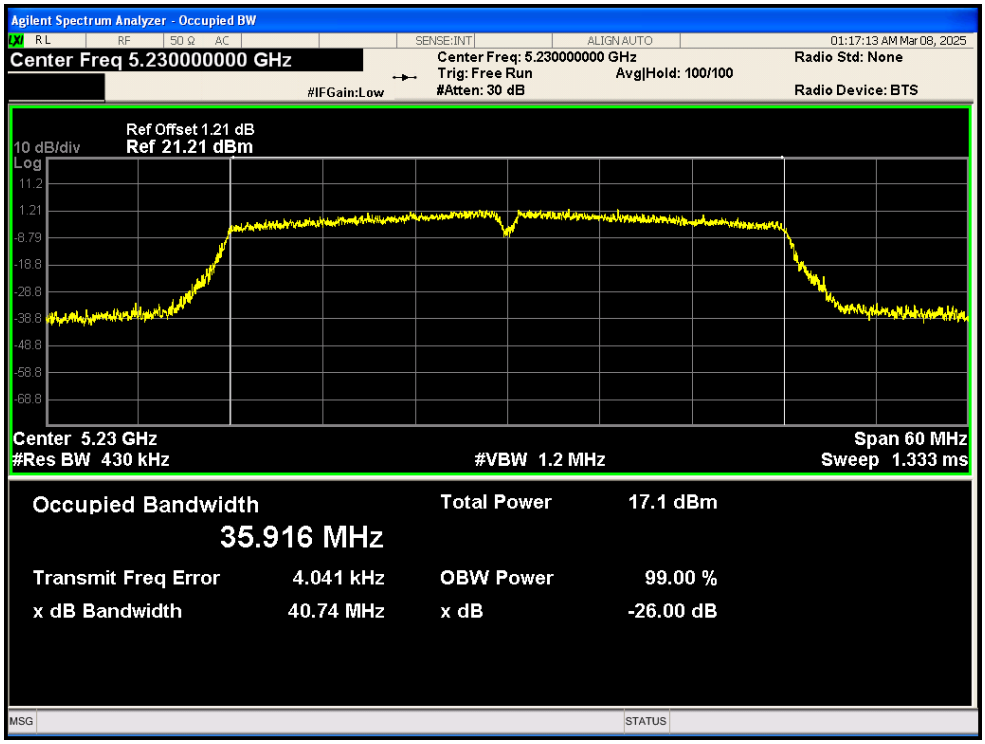


OBW NVNT n40 5230MHz Ant2

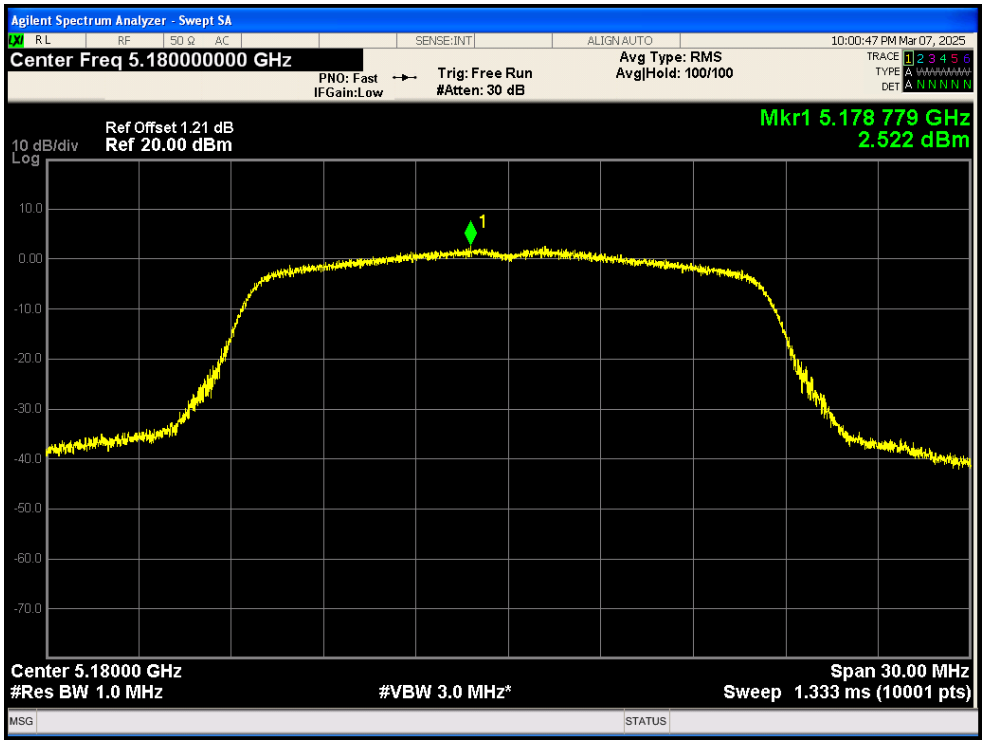


Maximum Power Spectral Density Level

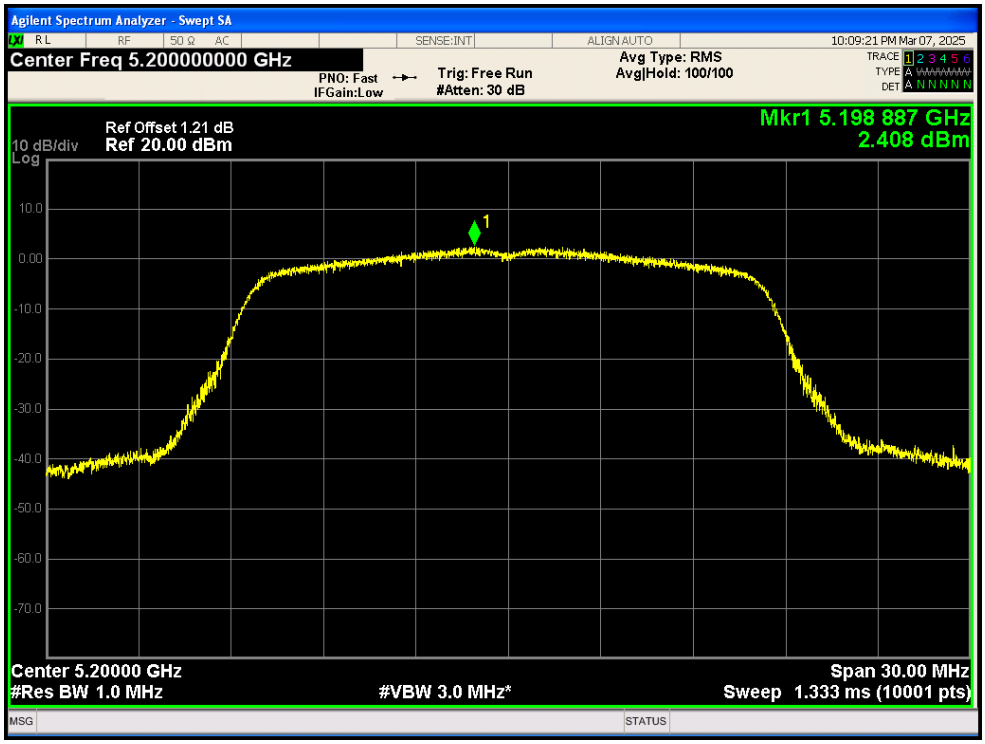
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	2.522	11	Pass
NVNT	a	5200	Ant1	2.408	11	Pass
NVNT	a	5240	Ant1	2.483	11	Pass
NVNT	a	5180	Ant2	2.221	11	Pass
NVNT	a	5200	Ant2	2.754	11	Pass

NVNT	a	5240	Ant2	3.202	11	Pass
NVNT	ac20	5180	Ant1	2.371	11	Pass
NVNT	ac20	5200	Ant1	2.692	11	Pass
NVNT	ac20	5240	Ant1	2.185	11	Pass
NVNT	ac20	5180	Ant2	2.128	11	Pass
NVNT	ac20	5200	Ant2	2.566	11	Pass
NVNT	ac20	5240	Ant2	3.101	11	Pass
NVNT	ac40	5190	Ant1	-1.417	11	Pass
NVNT	ac40	5230	Ant1	-1.515	11	Pass
NVNT	ac40	5190	Ant2	-1.473	11	Pass
NVNT	ac40	5230	Ant2	-1.069	11	Pass
NVNT	ac80	5210	Ant1	-6.262	11	Pass
NVNT	ac80	5210	Ant2	-6.414	11	Pass
NVNT	ax20	5180	Ant1	2.846	11	Pass
NVNT	ax20	5200	Ant1	2.632	11	Pass
NVNT	ax20	5240	Ant1	2.247	11	Pass
NVNT	ax20	5180	Ant2	1.838	11	Pass
NVNT	ax20	5200	Ant2	2.764	11	Pass
NVNT	ax20	5240	Ant2	3.504	11	Pass
NVNT	ax40	5190	Ant1	-1.29	11	Pass
NVNT	ax40	5230	Ant1	-1.321	11	Pass
NVNT	ax40	5190	Ant2	-1.759	11	Pass
NVNT	ax40	5230	Ant2	-0.878	11	Pass
NVNT	ax80	5210	Ant1	-5.673	11	Pass
NVNT	ax80	5210	Ant2	-5.942	11	Pass
NVNT	n20	5180	Ant1	2.489	11	Pass
NVNT	n20	5200	Ant1	2.451	11	Pass
NVNT	n20	5240	Ant1	2.279	11	Pass
NVNT	n20	5180	Ant2	2.556	11	Pass
NVNT	n20	5200	Ant2	2.795	11	Pass
NVNT	n20	5240	Ant2	2.958	11	Pass
NVNT	n40	5190	Ant1	-1.851	11	Pass
NVNT	n40	5230	Ant1	-1.881	11	Pass
NVNT	n40	5190	Ant2	-2.029	11	Pass
NVNT	n40	5230	Ant2	-1.356	11	Pass

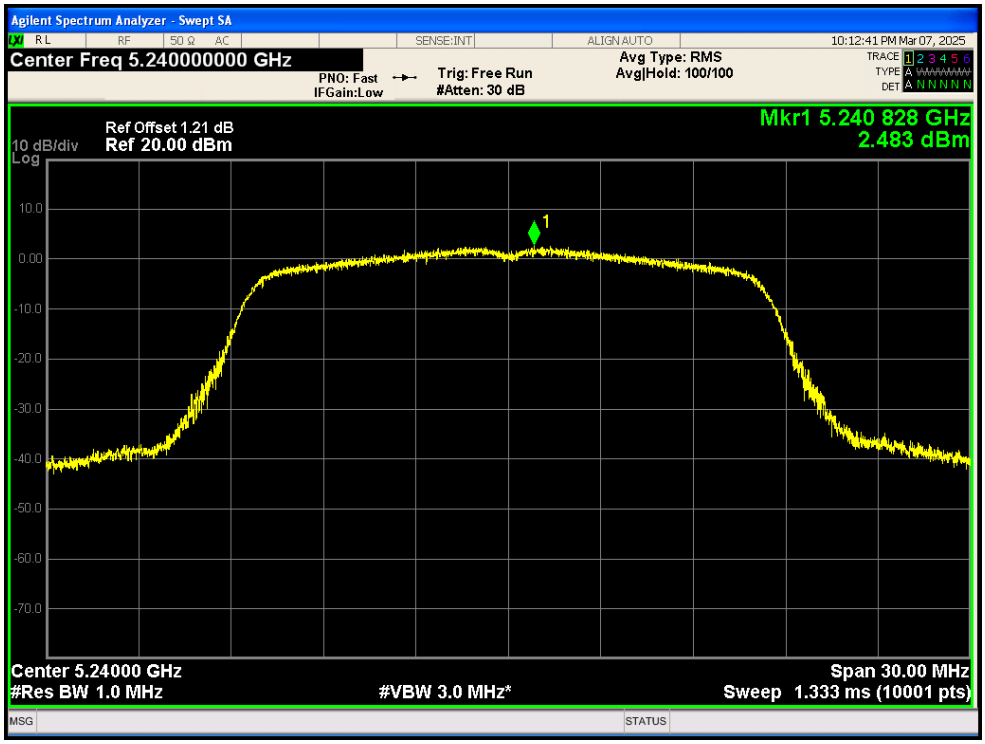
PSD NVNT a 5180MHz Ant1



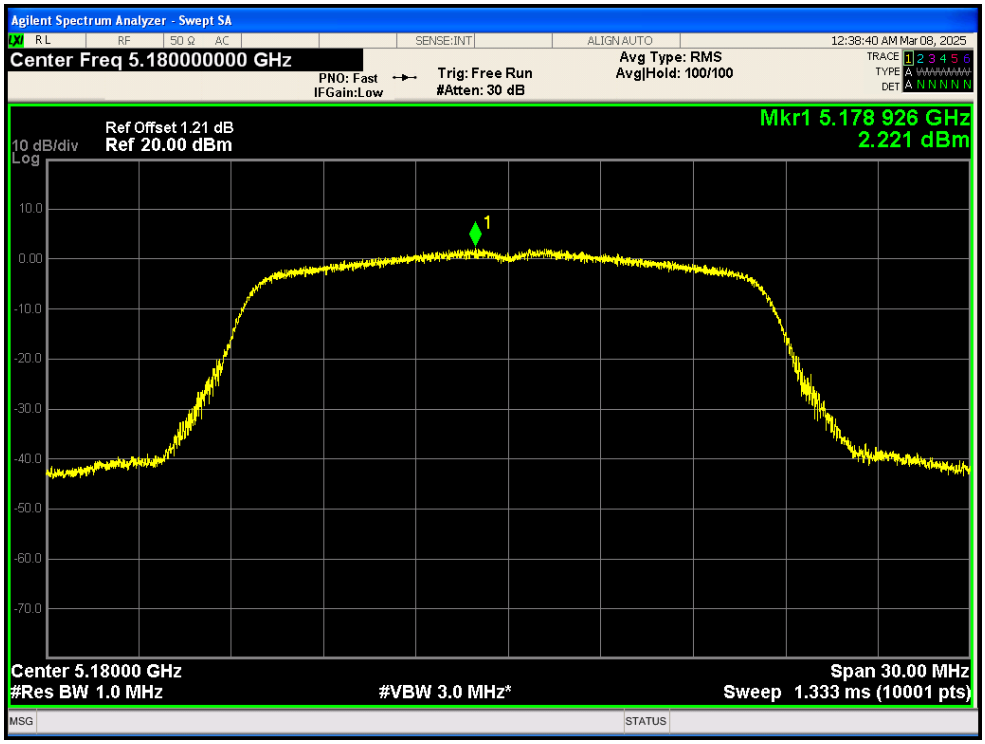
PSD NVNT a 5200MHz Ant1



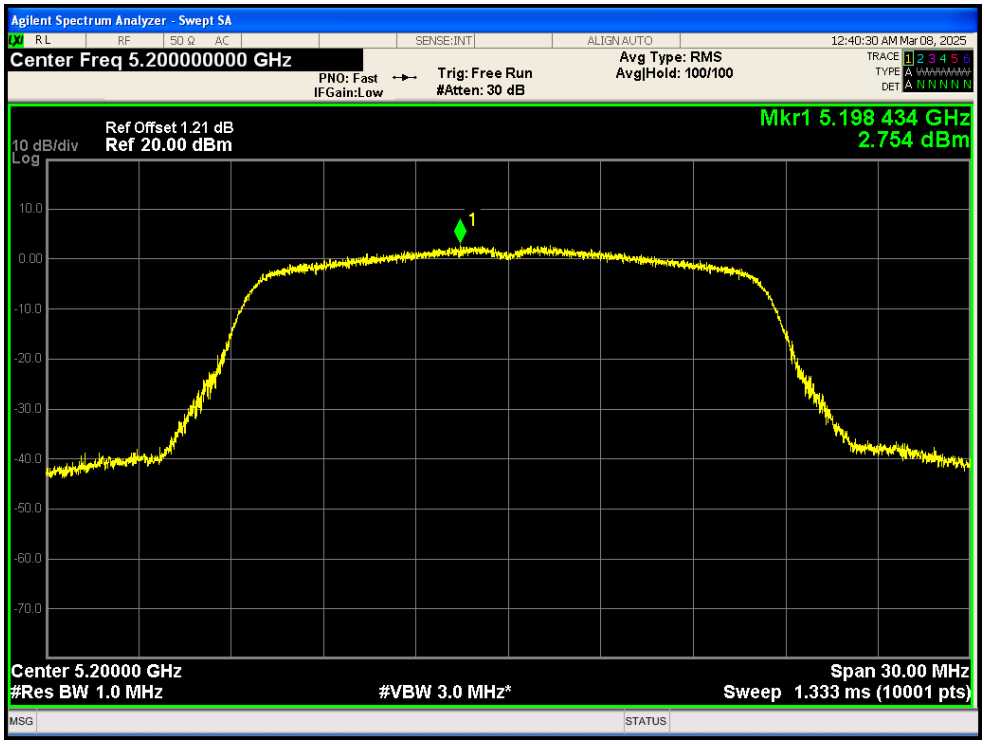
PSD NVNT a 5240MHz Ant1



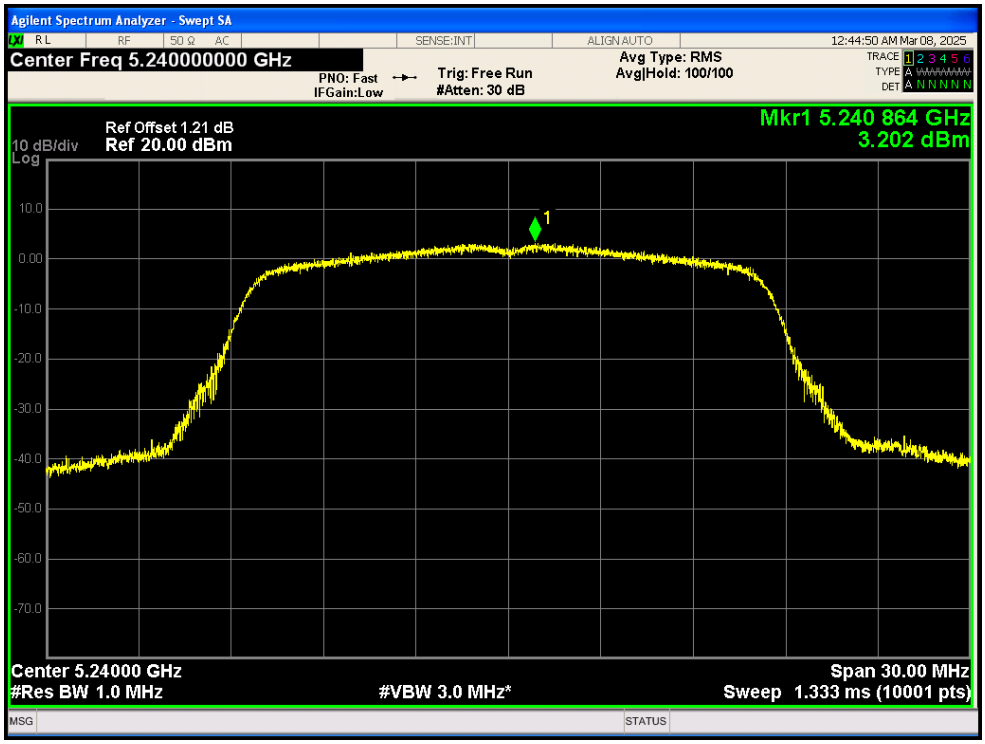
PSD NVNT a 5180MHz Ant2



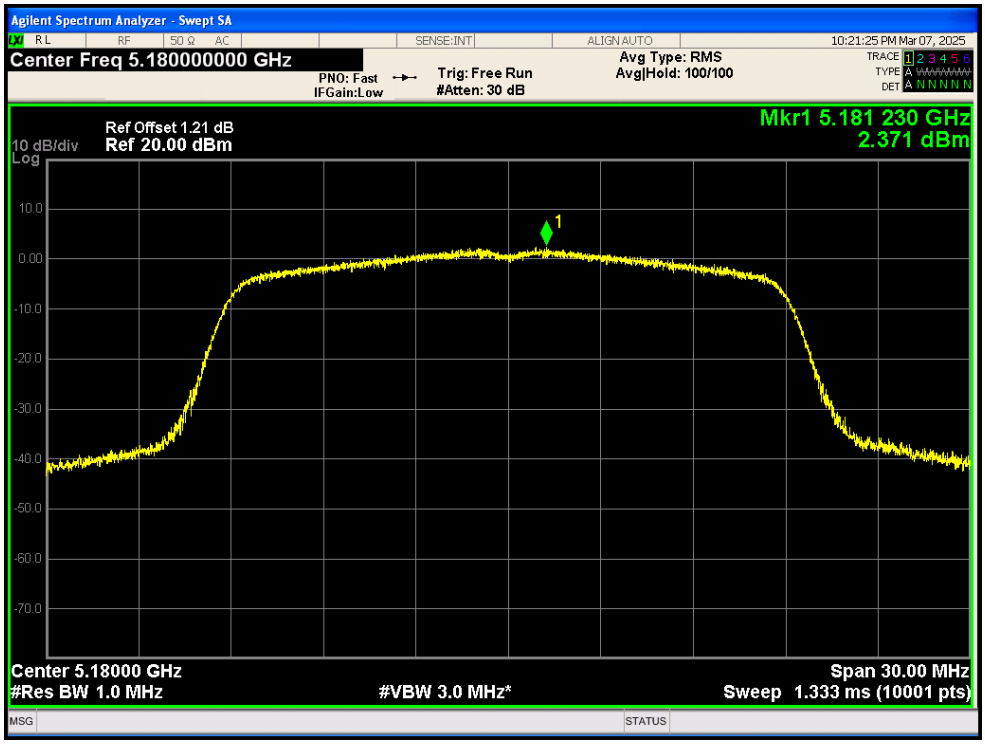
PSD NVNT a 5200MHz Ant2



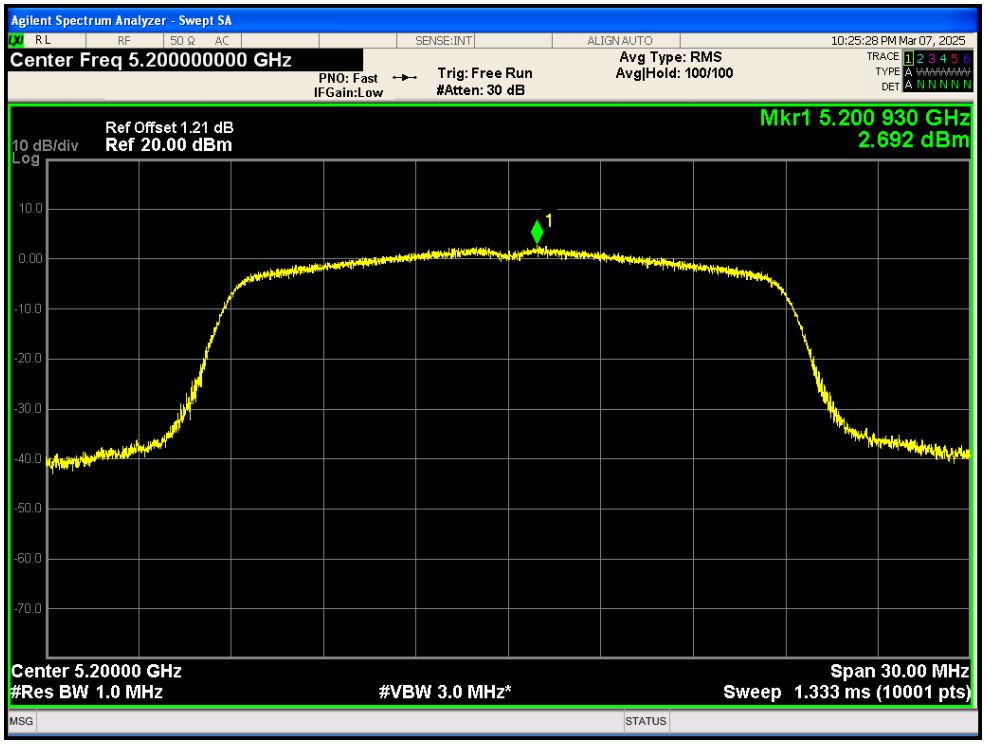
PSD NVNT a 5240MHz Ant2



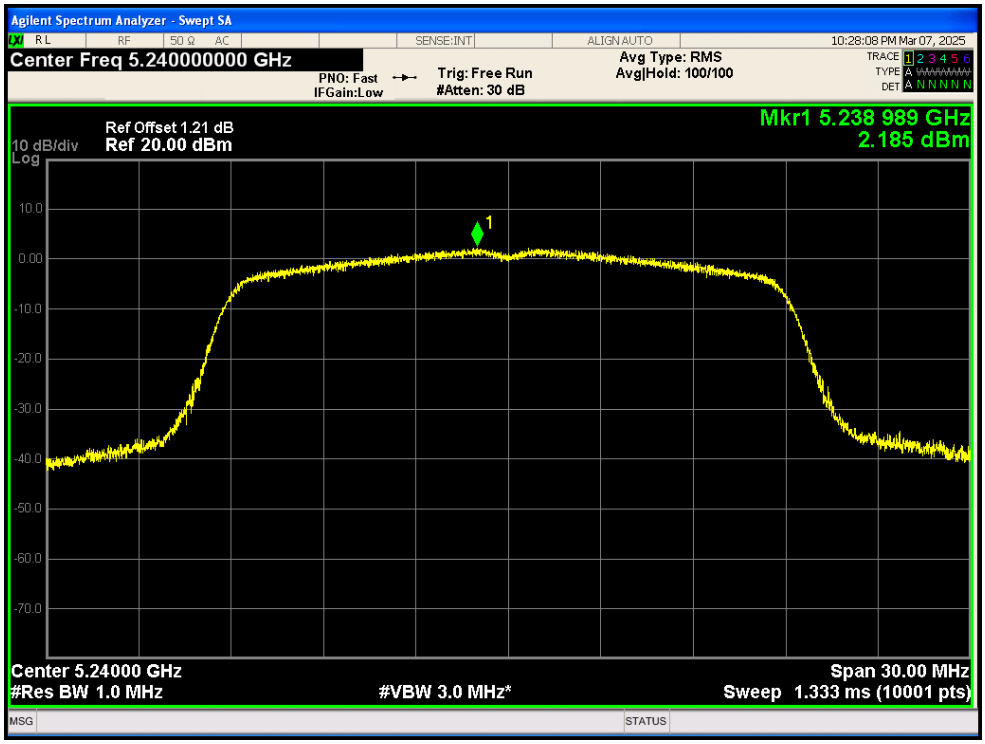
PSD NVNT ac20 5180MHz Ant1



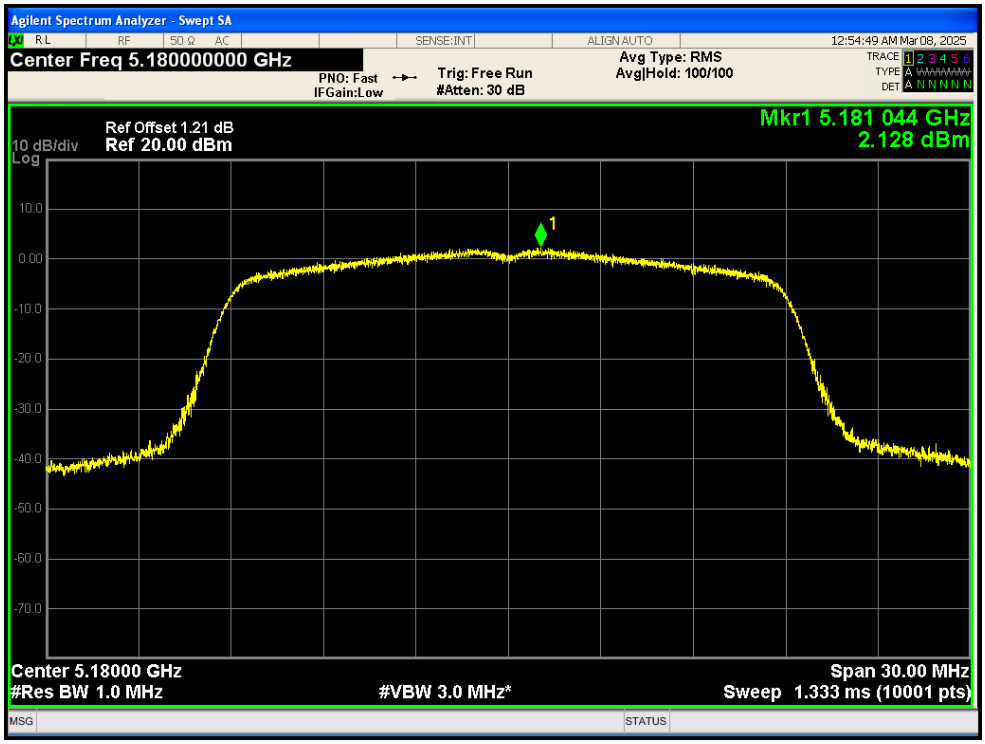
PSD NVNT ac20 5200MHz Ant1



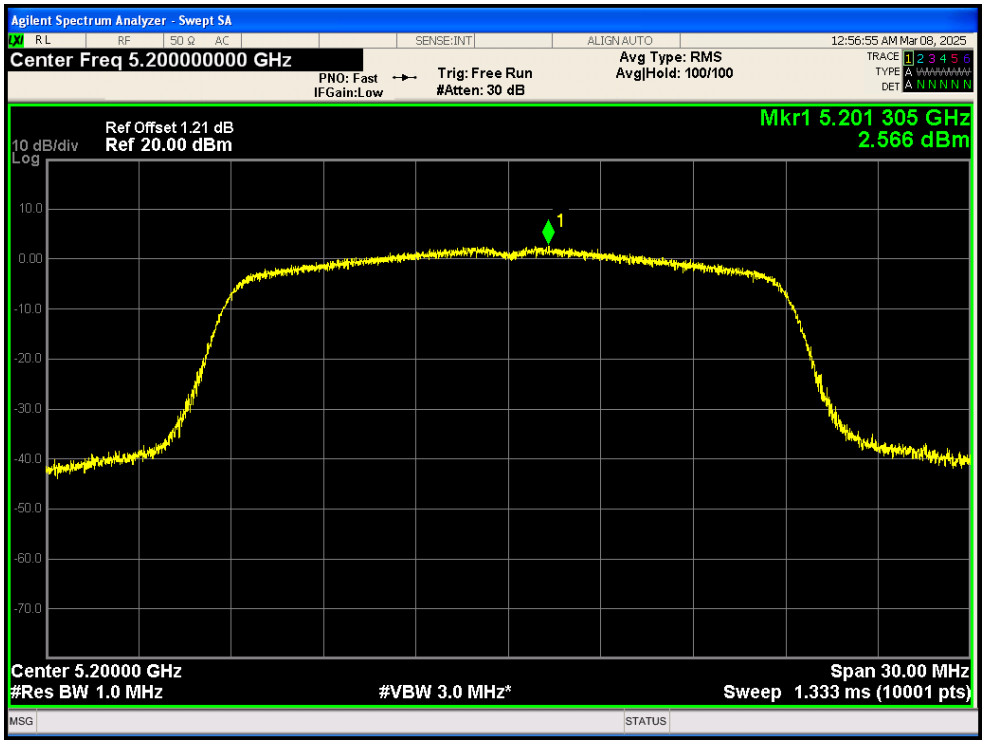
PSD NVNT ac20 5240MHz Ant1



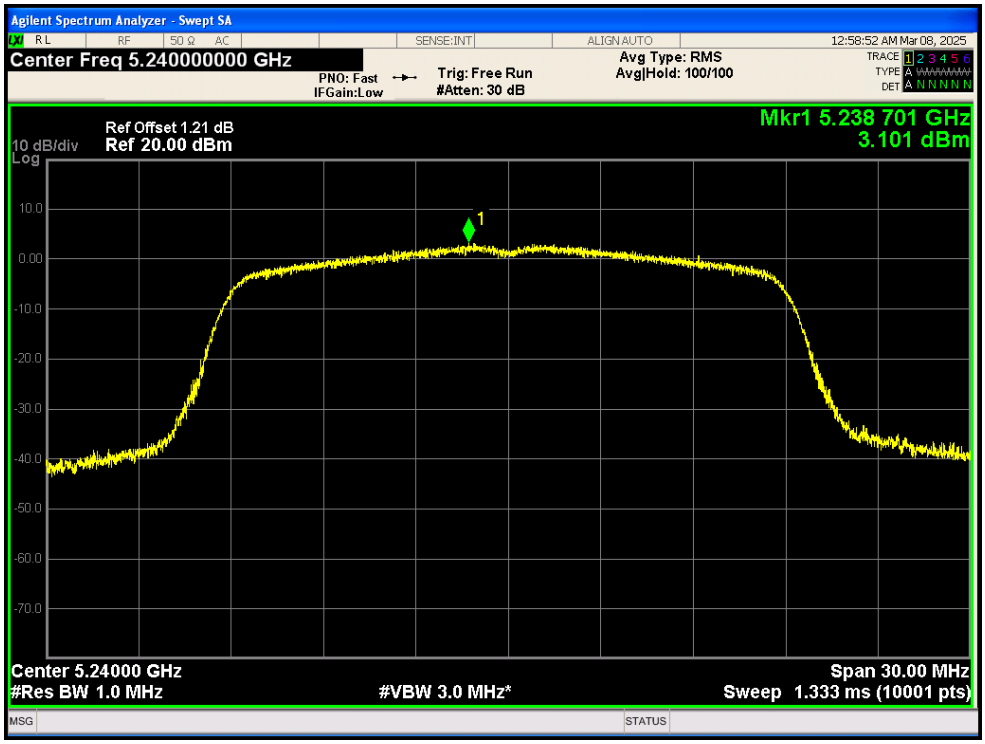
PSD NVNT ac20 5180MHz Ant2



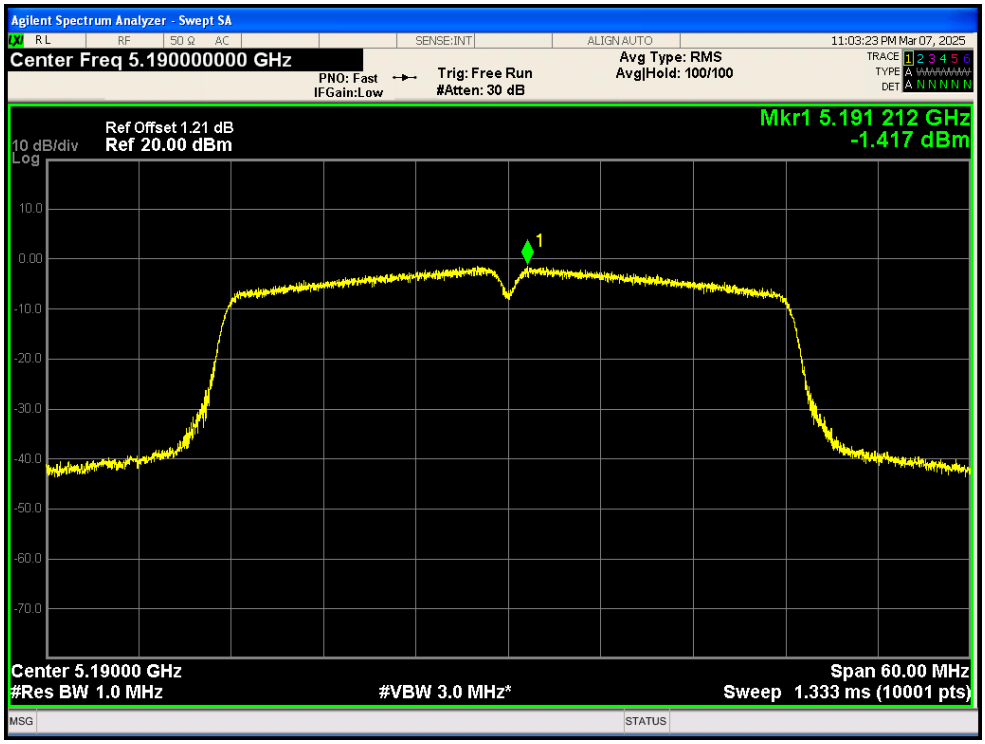
PSD NVNT ac20 5200MHz Ant2



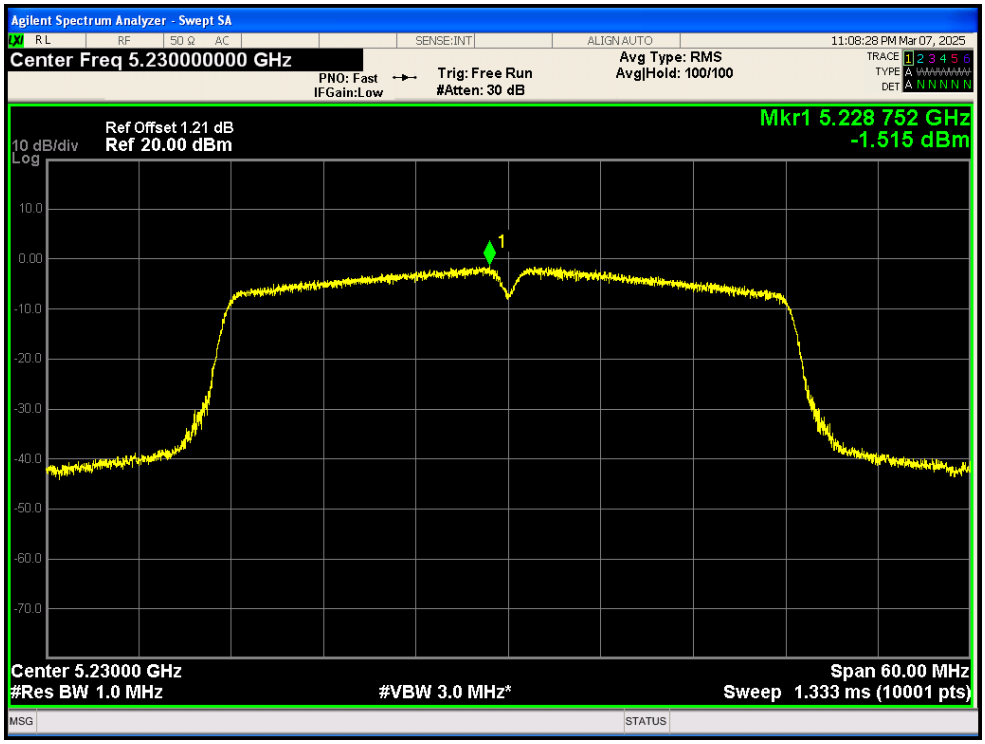
PSD NVNT ac20 5240MHz Ant2



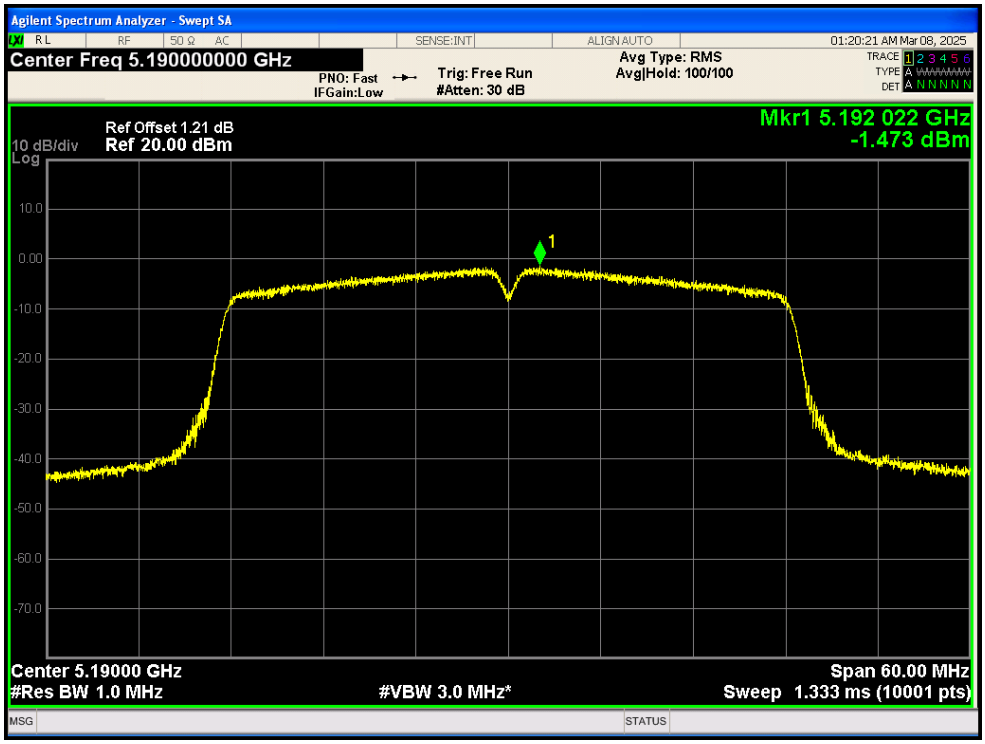
PSD NVNT ac40 5190MHz Ant1



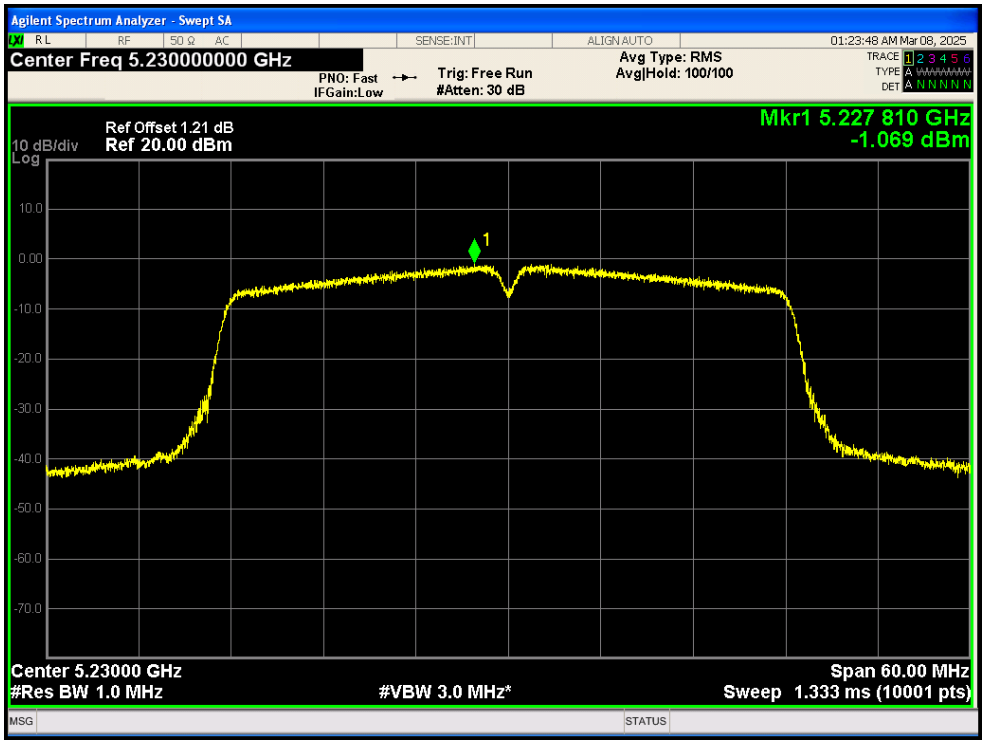
PSD NVNT ac40 5230MHz Ant1



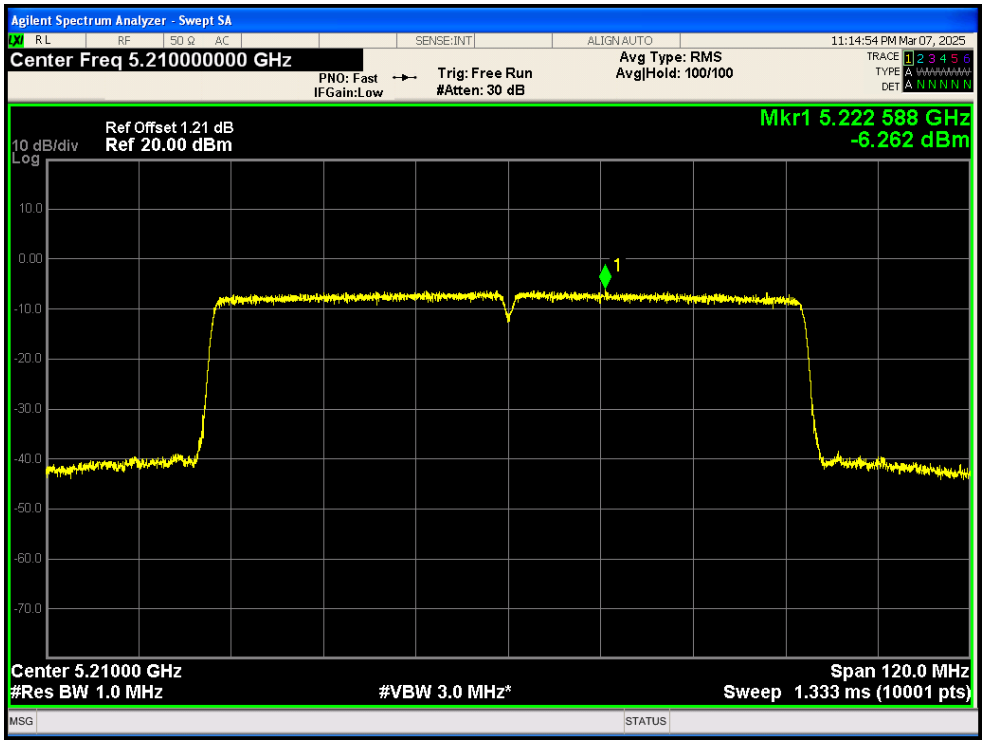
PSD NVNT ac40 5190MHz Ant2



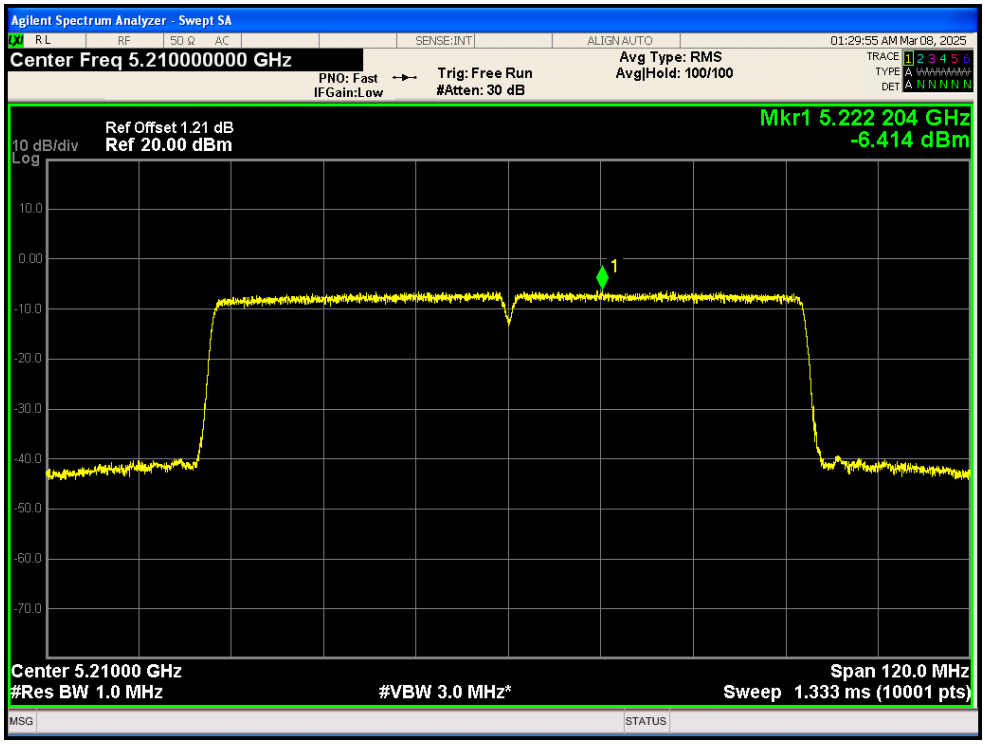
PSD NVNT ac40 5230MHz Ant2



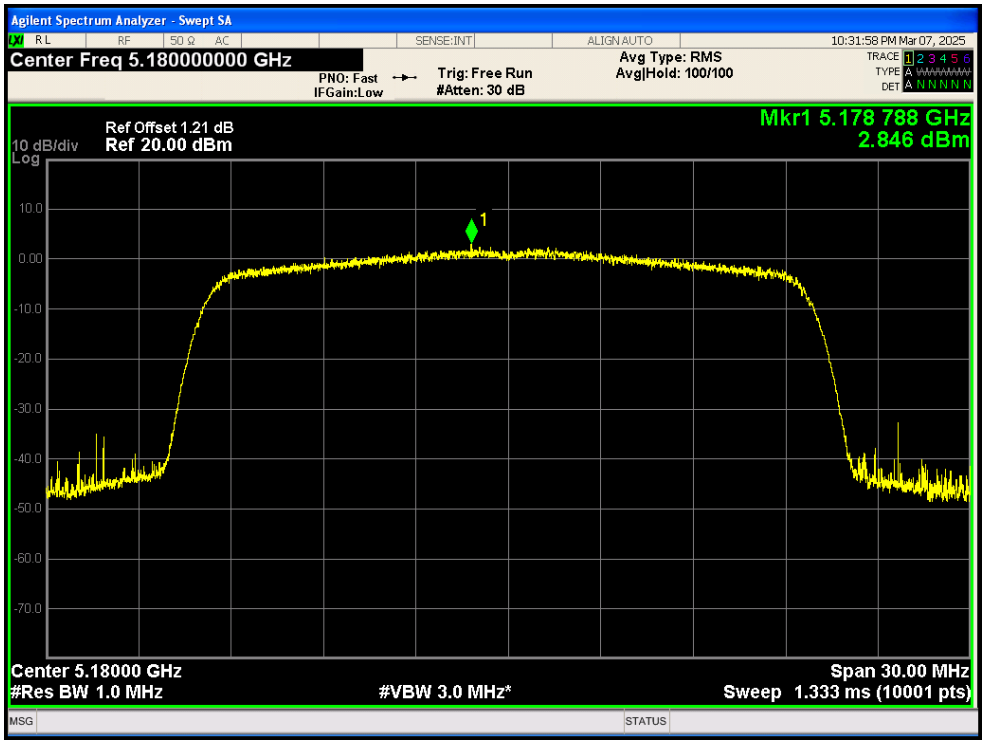
PSD NVNT ac80 5210MHz Ant1



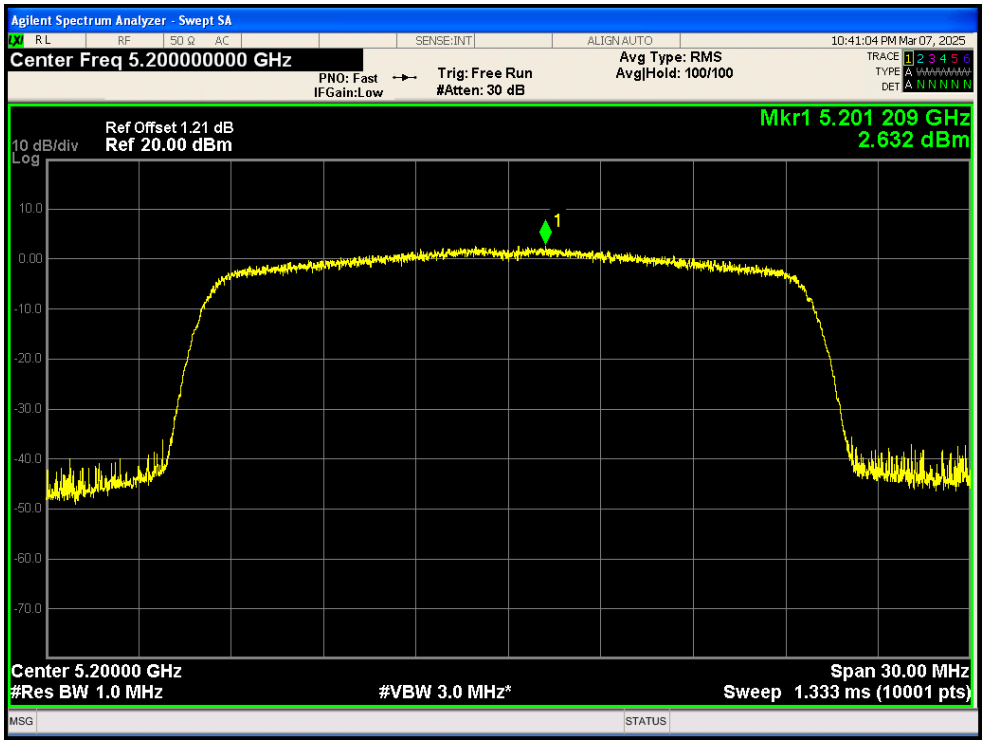
PSD NVNT ac80 5210MHz Ant2



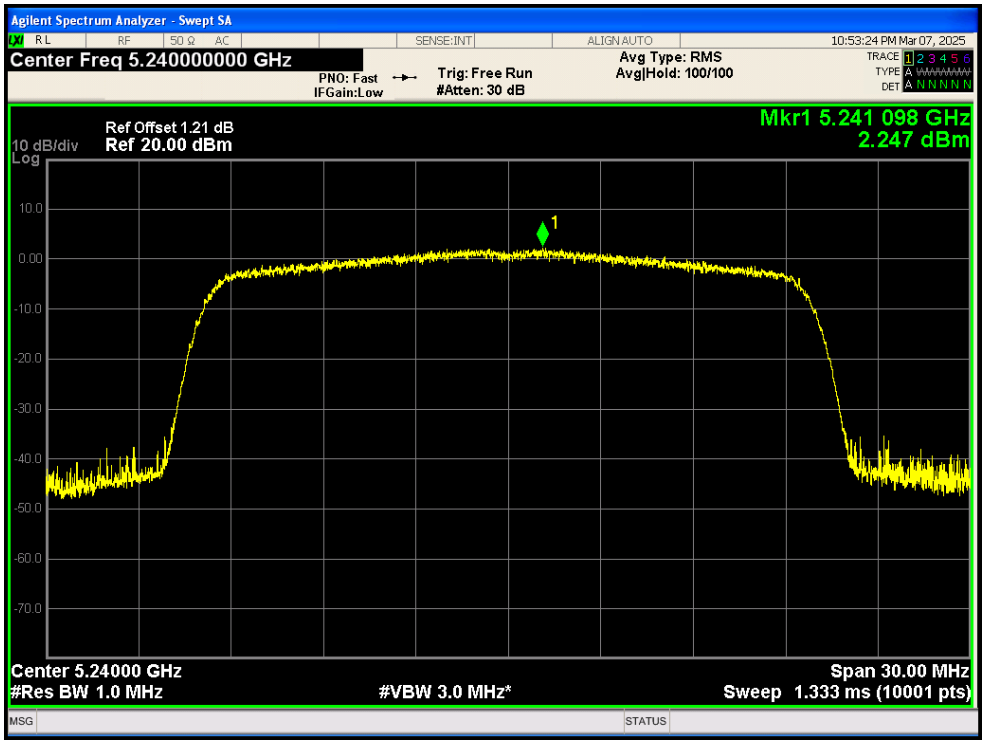
PSD NVNT ax20 5180MHz Ant1



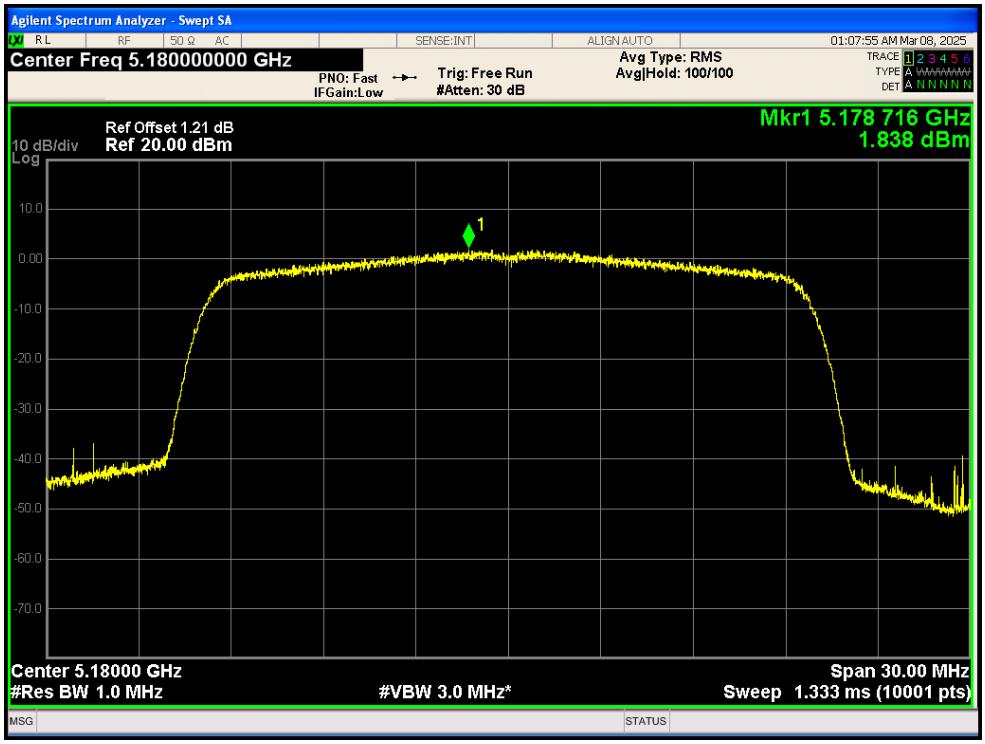
PSD NVNT ax20 5200MHz Ant1



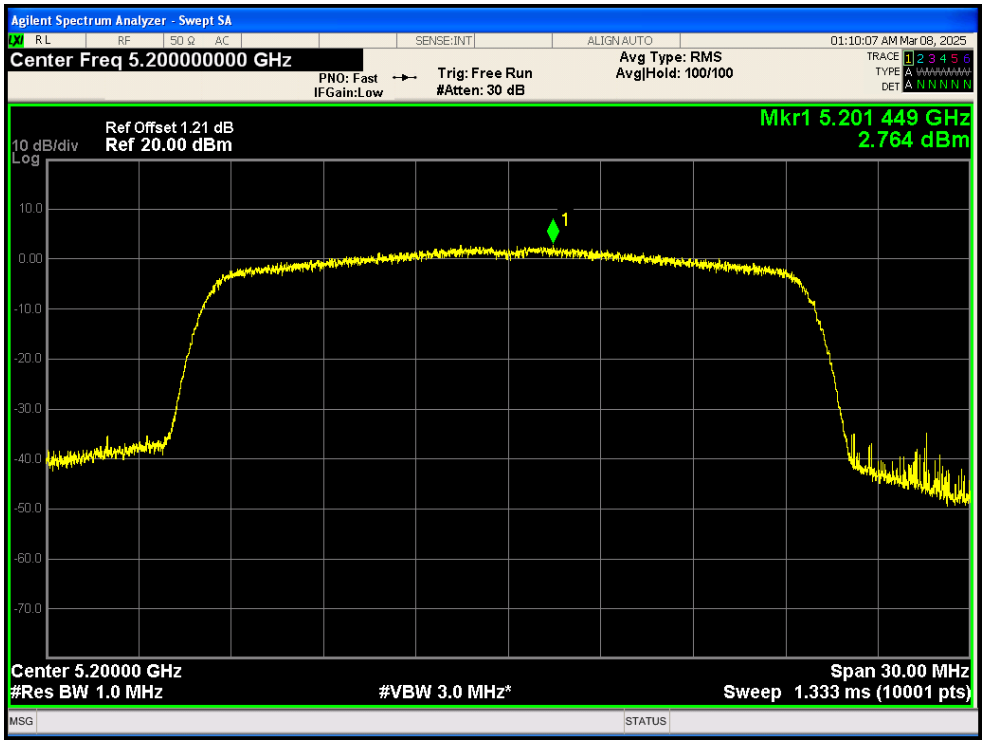
PSD NVNT ax20 5240MHz Ant1



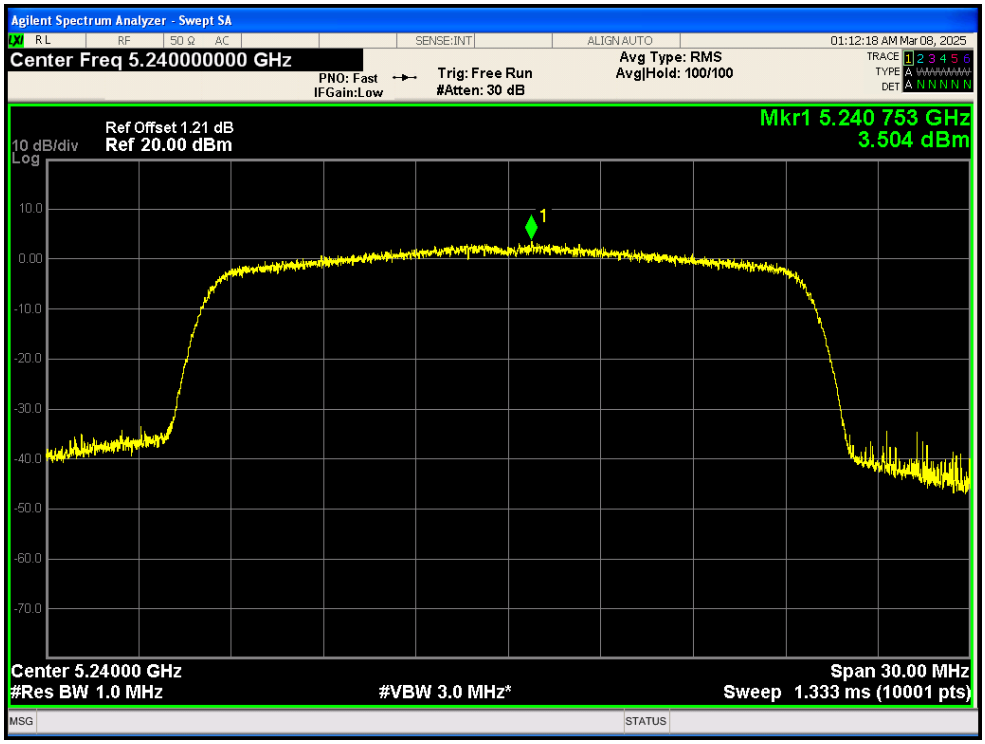
PSD NVNT ax20 5180MHz Ant2



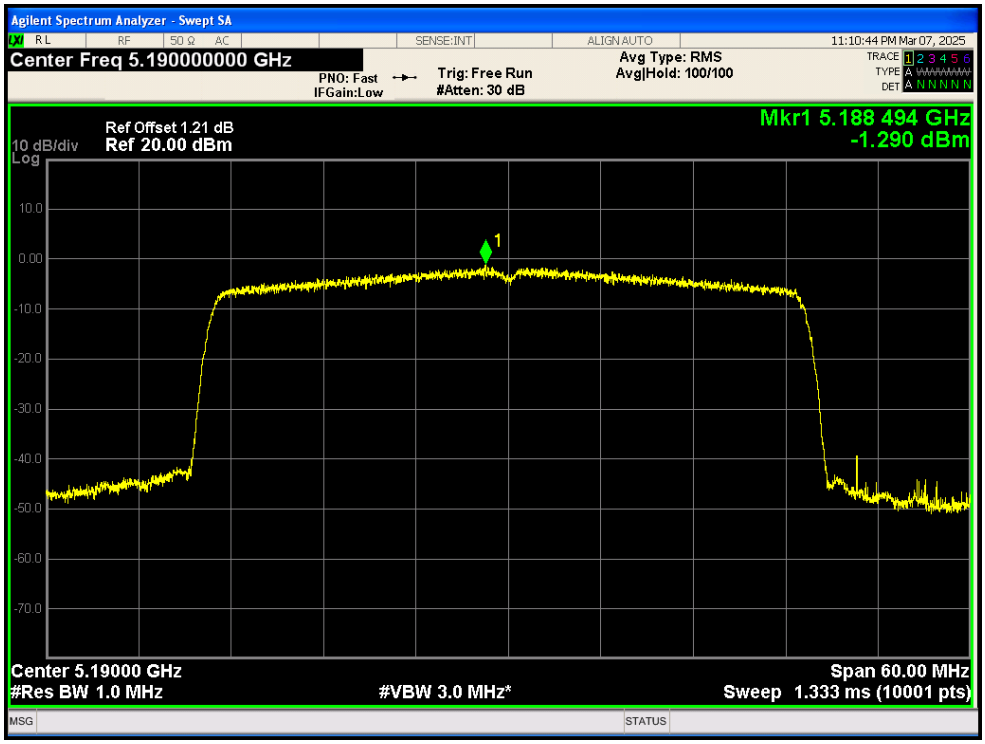
PSD NVNT ax20 5200MHz Ant2



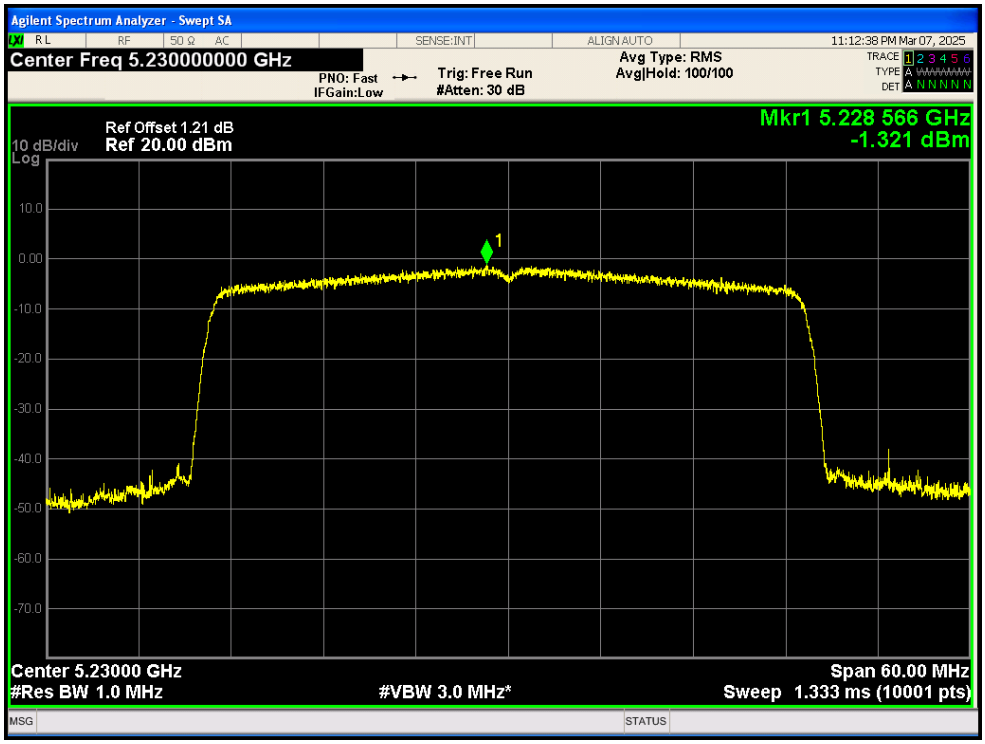
PSD NVNT ax20 5240MHz Ant2



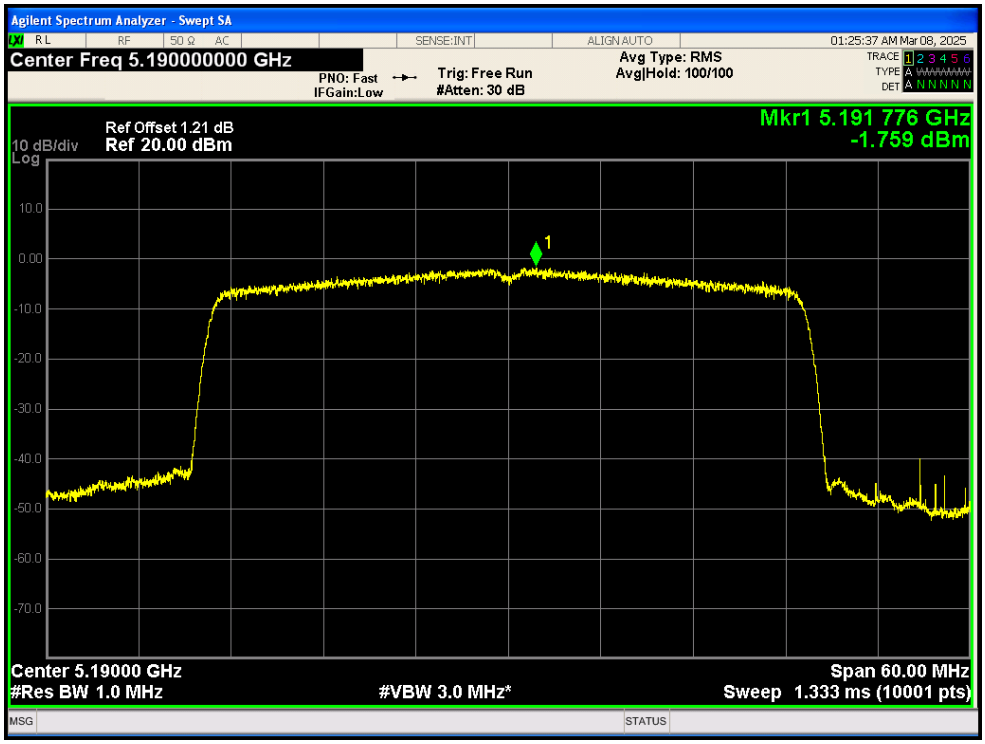
PSD NVNT ax40 5190MHz Ant1



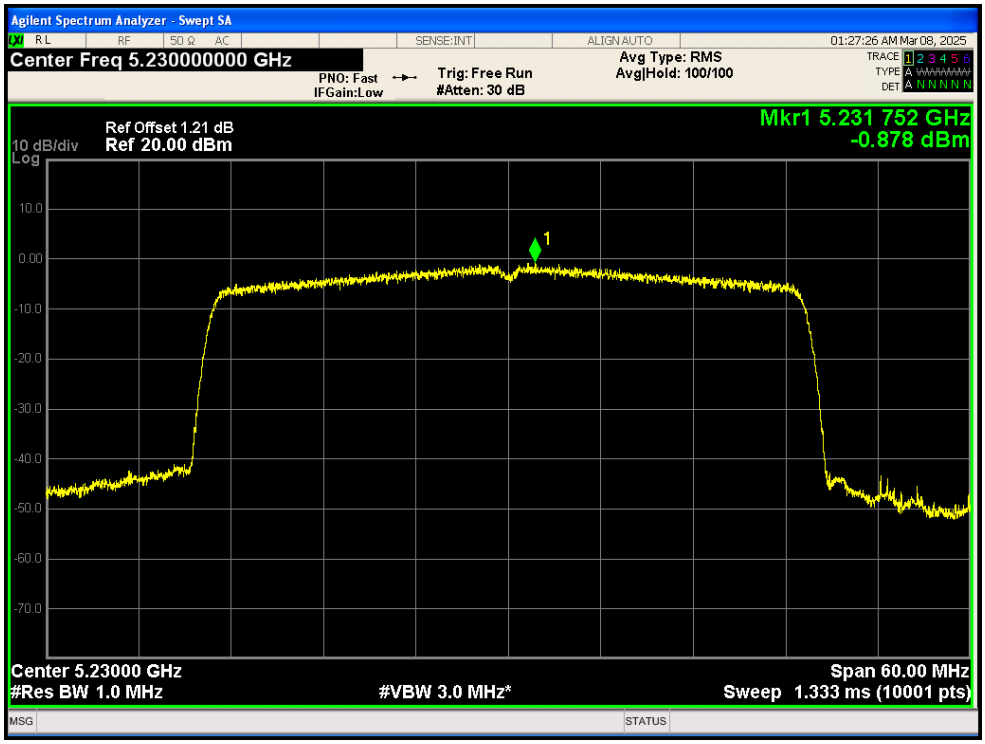
PSD NVNT ax40 5230MHz Ant1



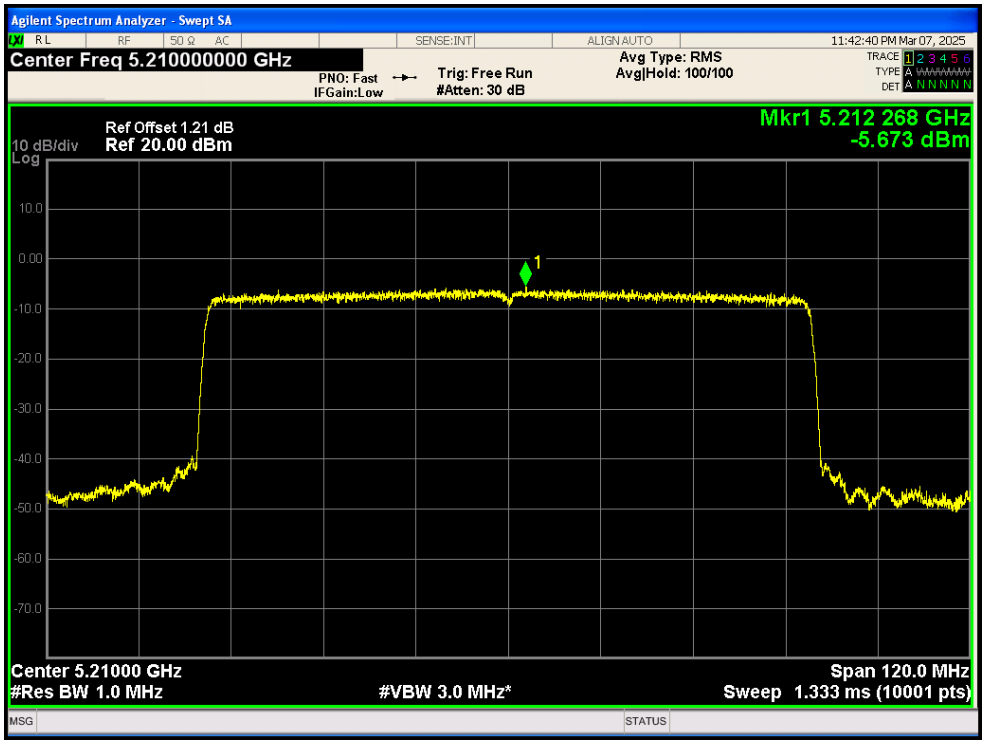
PSD NVNT ax40 5190MHz Ant2



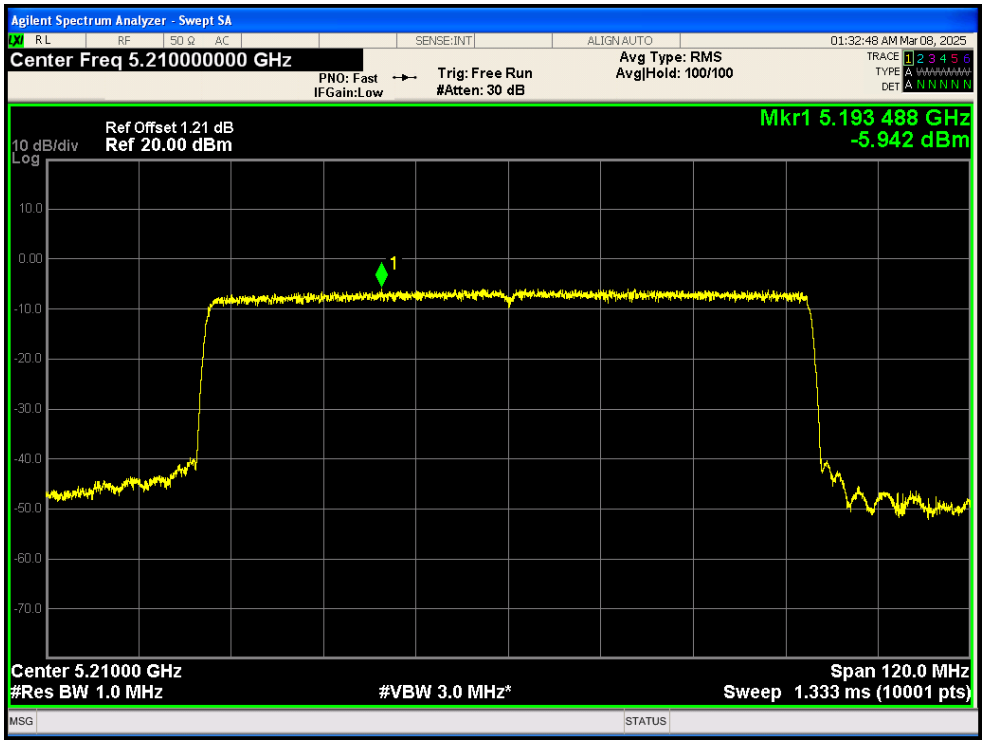
PSD NVNT ax40 5230MHz Ant2



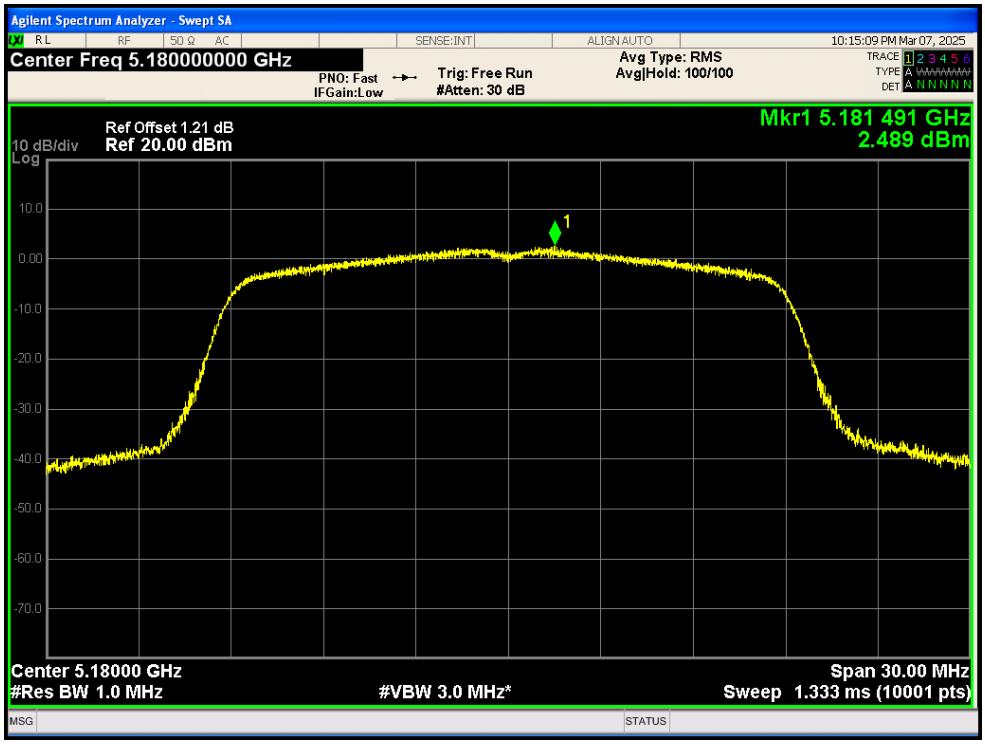
PSD NVNT ax80 5210MHz Ant1



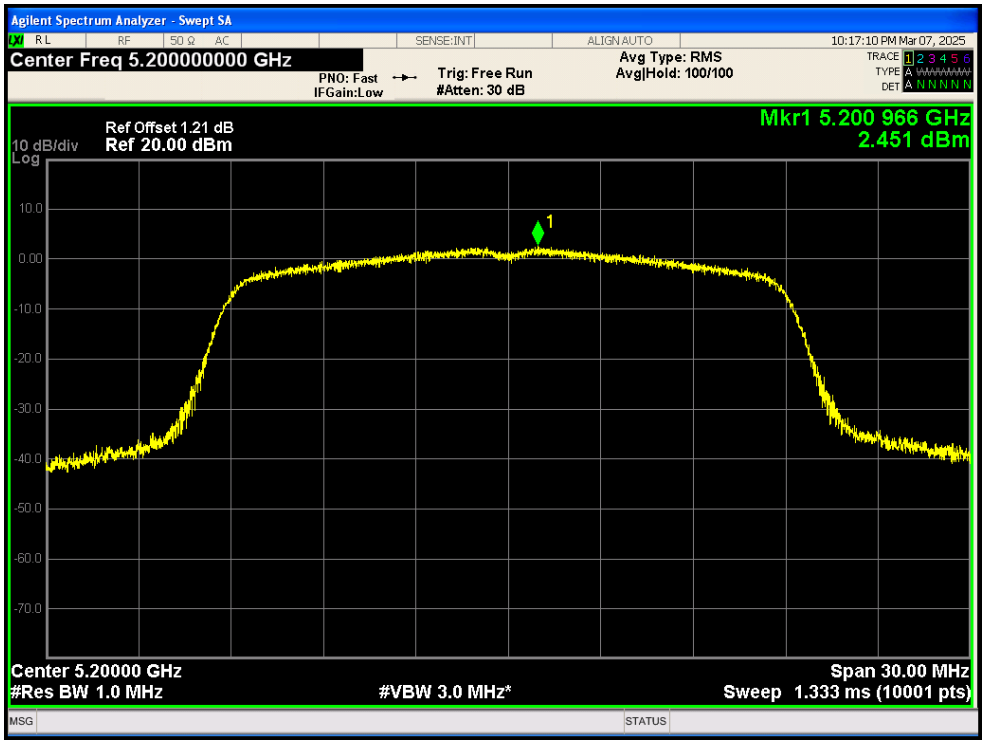
PSD NVNT ax80 5210MHz Ant2



PSD NVNT n20 5180MHz Ant1



PSD NVNT n20 5200MHz Ant1



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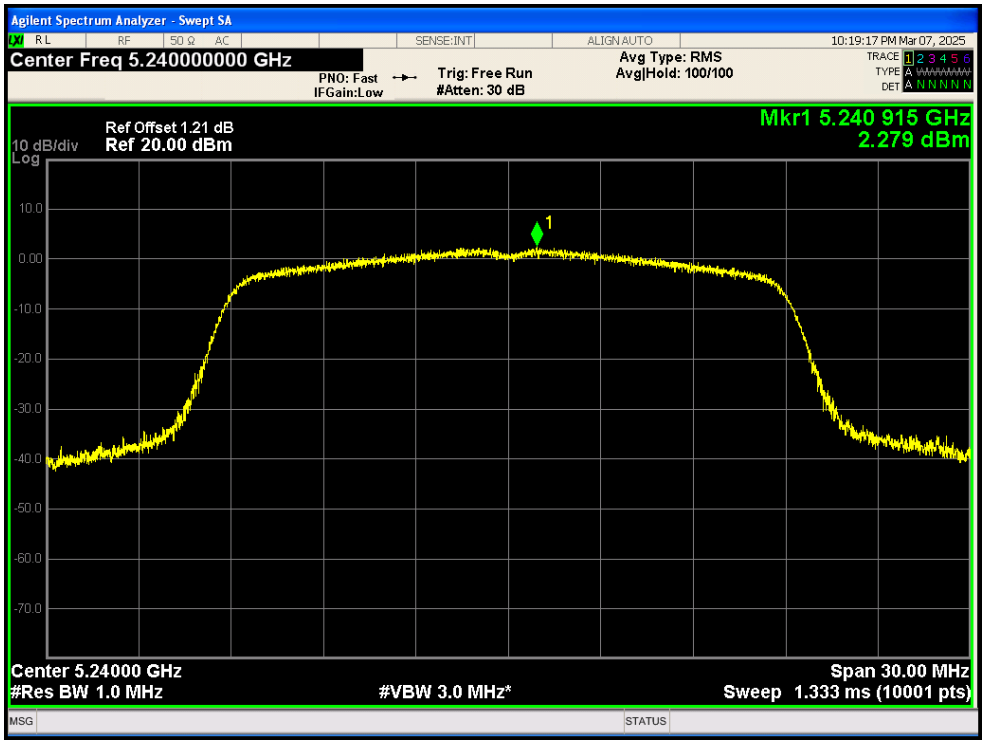

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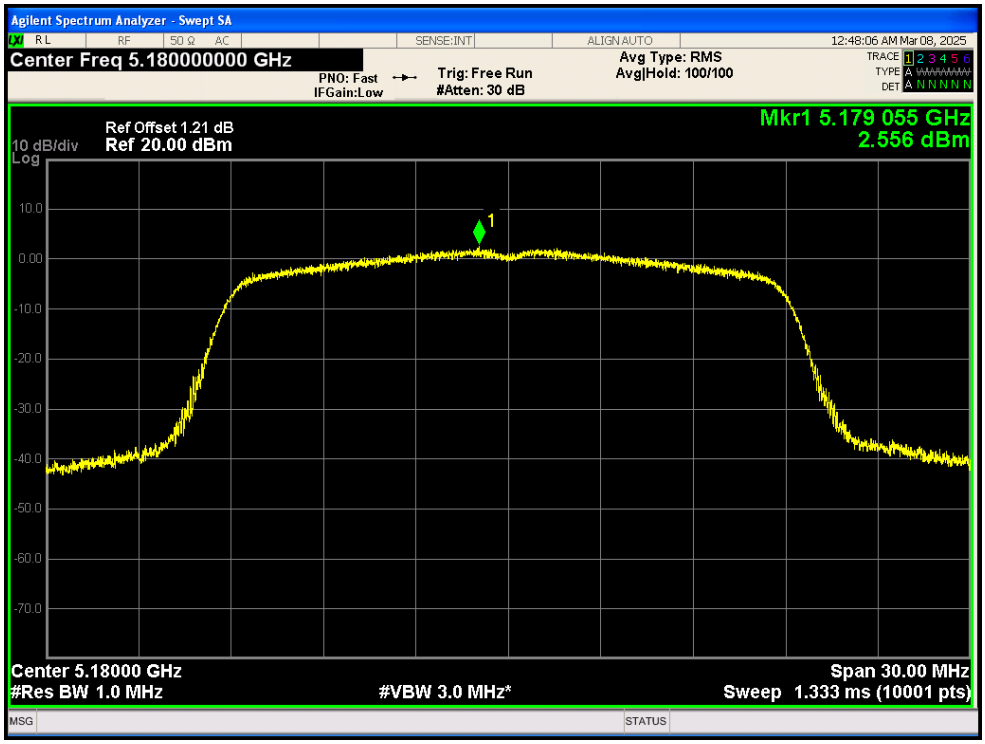

PSD NVNT n20 5200MHz Ant2