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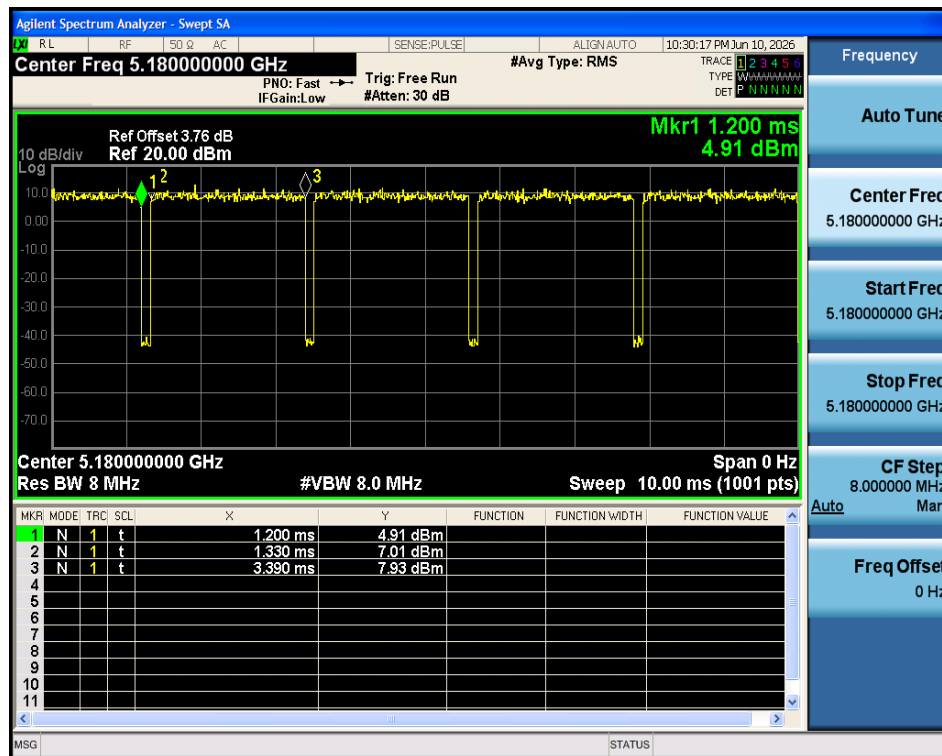
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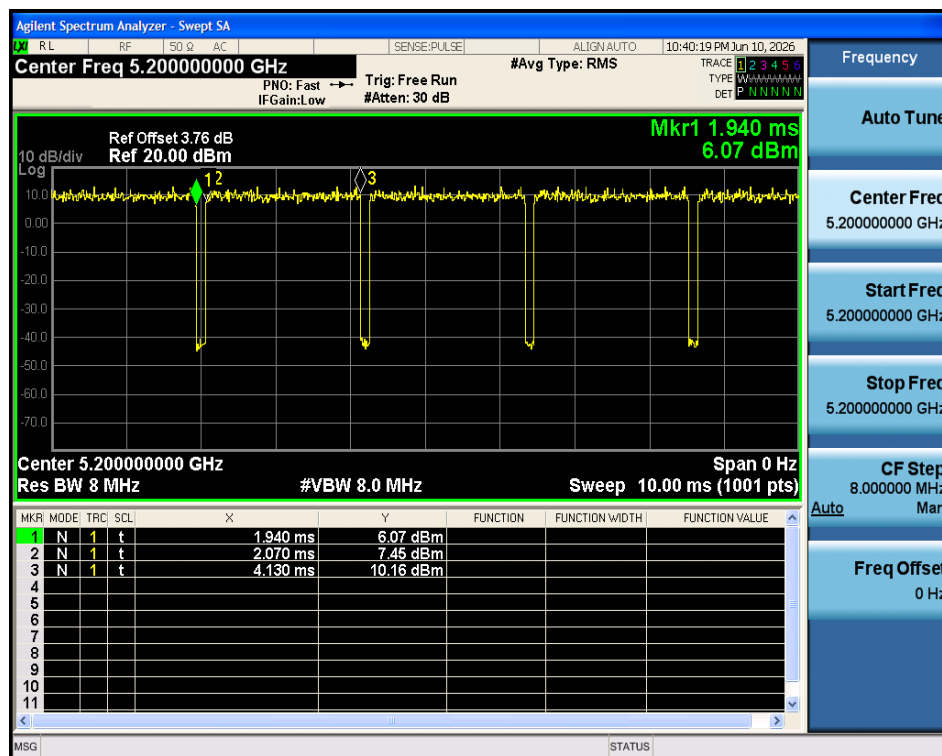
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Duty Cycle

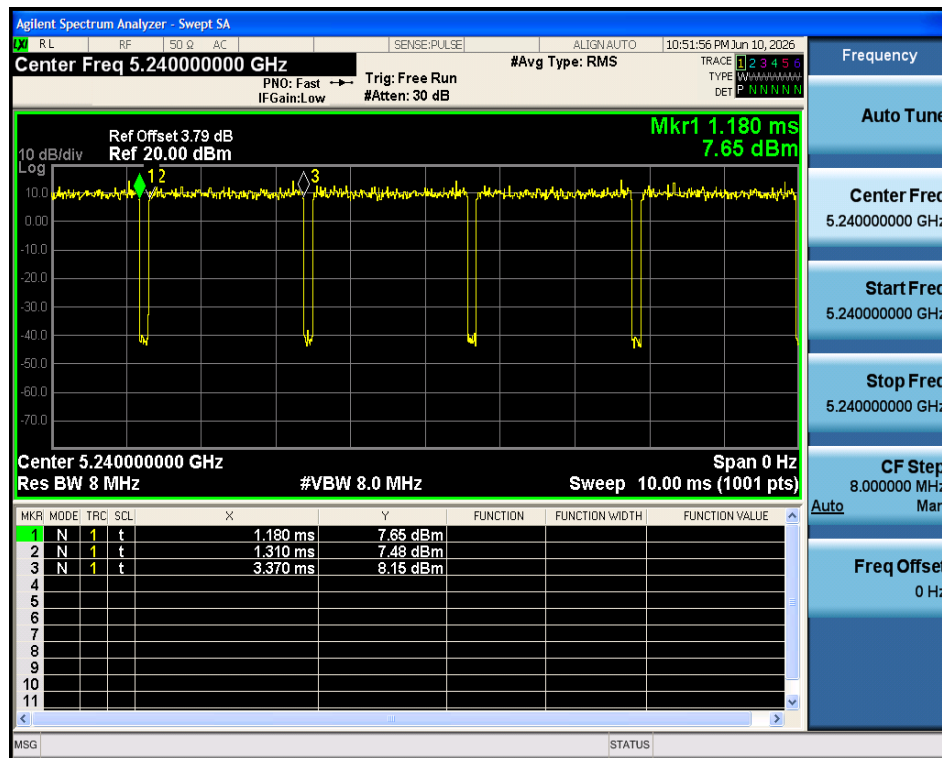
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	94.06	0.27	0.49
NVNT	a	5200	Ant1	94.06	0.27	0.49
NVNT	a	5240	Ant1	94.06	0.27	0.49
NVNT	n20	5180	Ant1	93.66	0.28	0.52
NVNT	n20	5200	Ant1	93.66	0.28	0.52
NVNT	n20	5240	Ant1	93.66	0.28	0.52
NVNT	n40	5190	Ant1	87.96	0.56	1.05
NVNT	n40	5230	Ant1	87.85	0.56	1.06



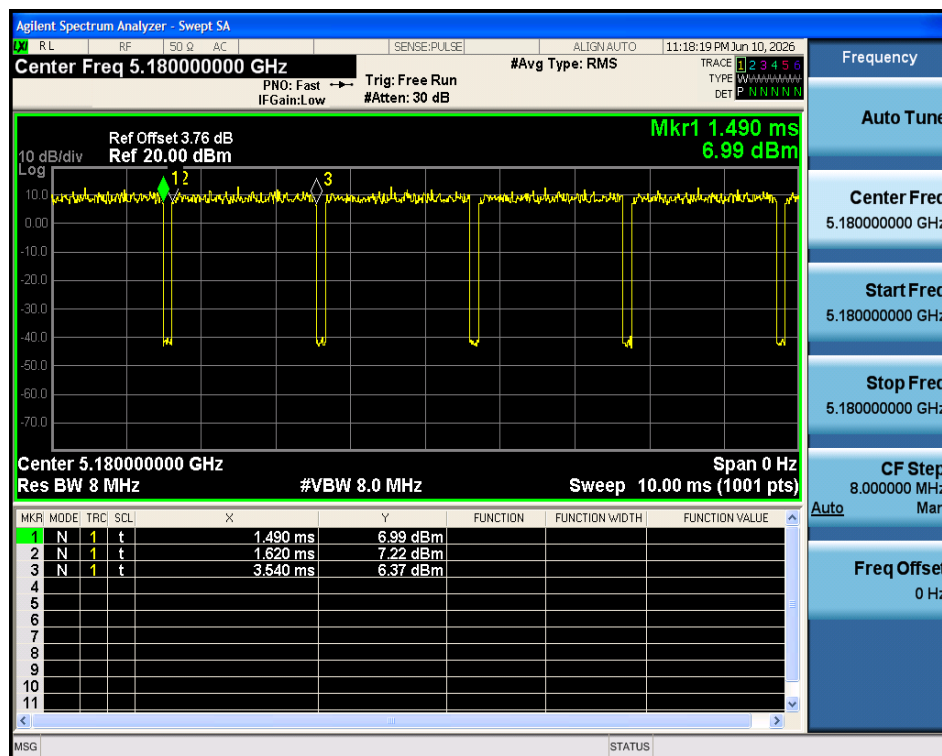
Duty Cycle NVNT a 5180MHz Ant1



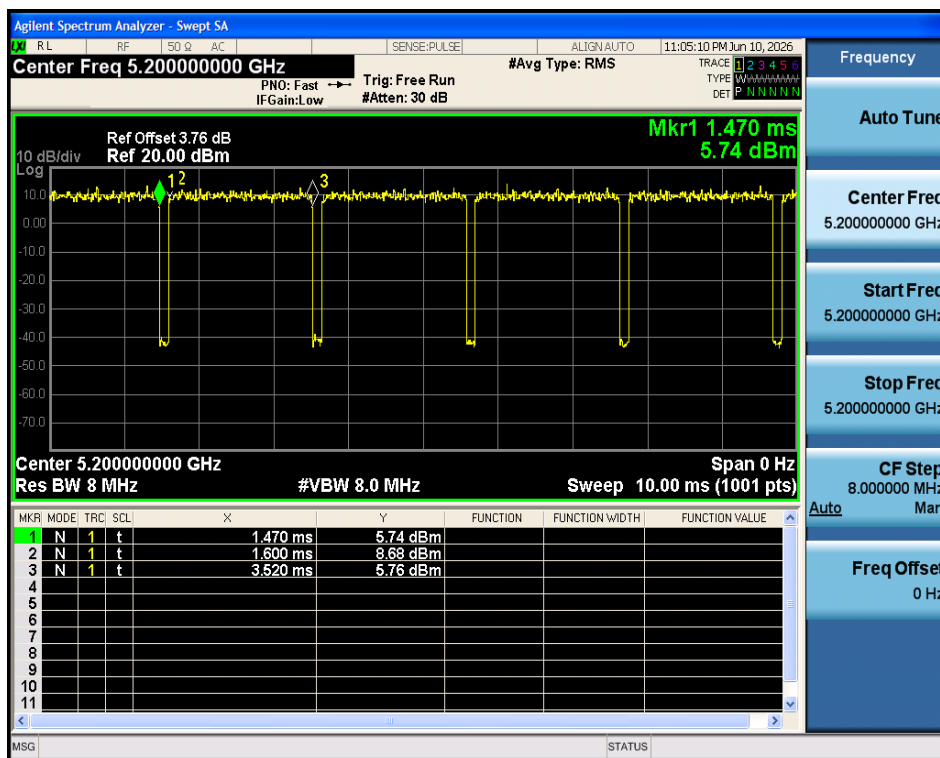
Duty Cycle NVNT a 5200MHz Ant1



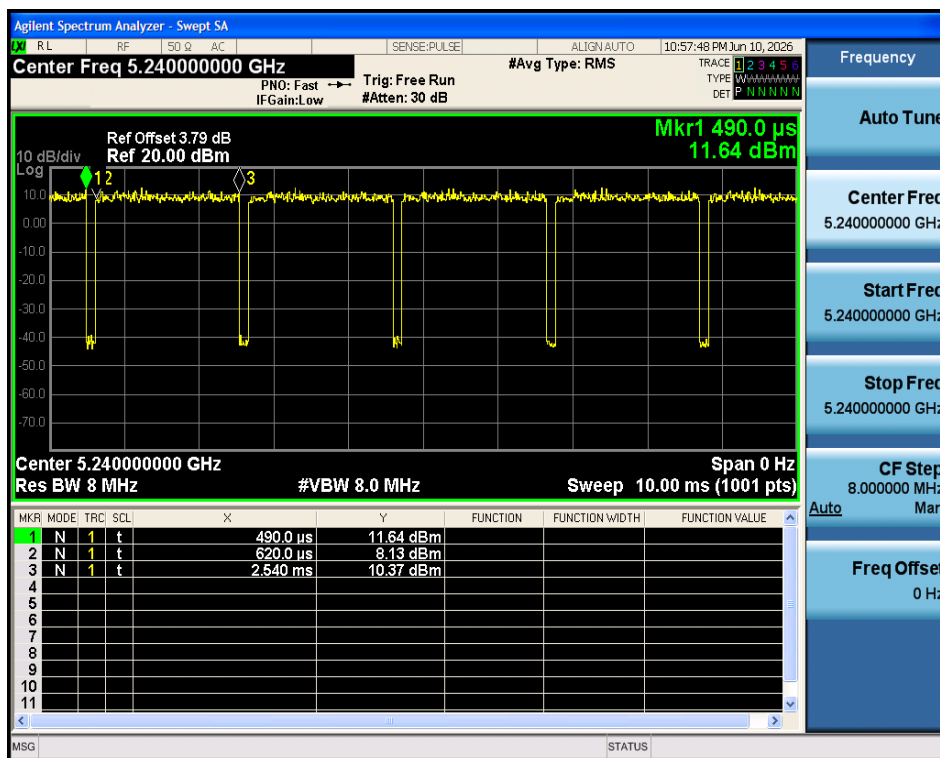
Duty Cycle NVNT a 5240MHz Ant1



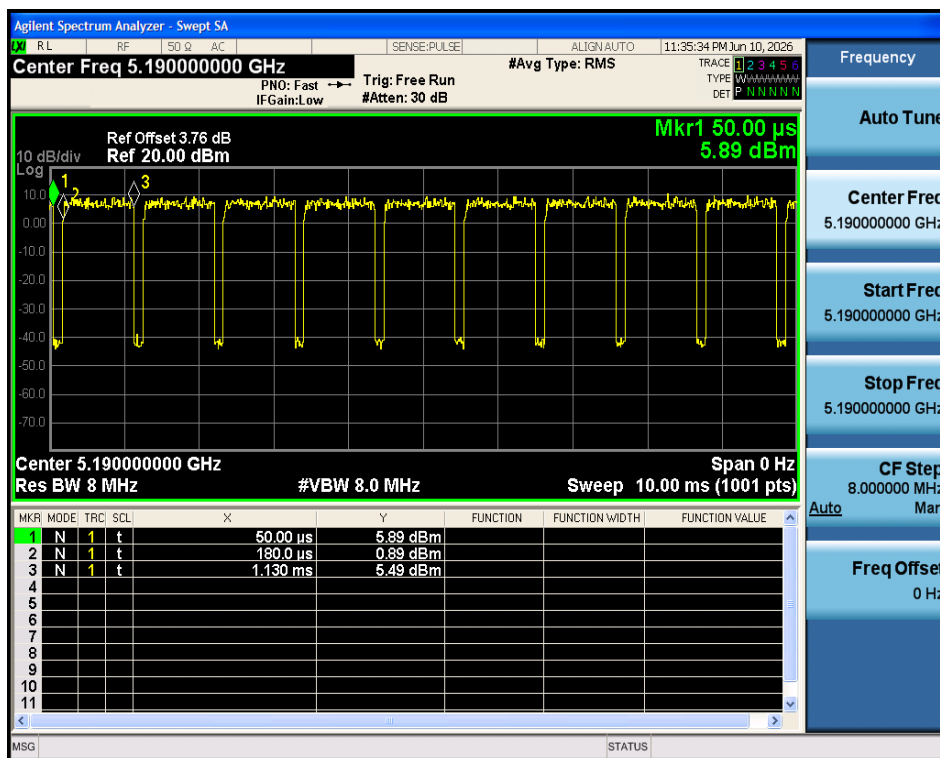
Duty Cycle NVNT n20 5180MHz Ant1



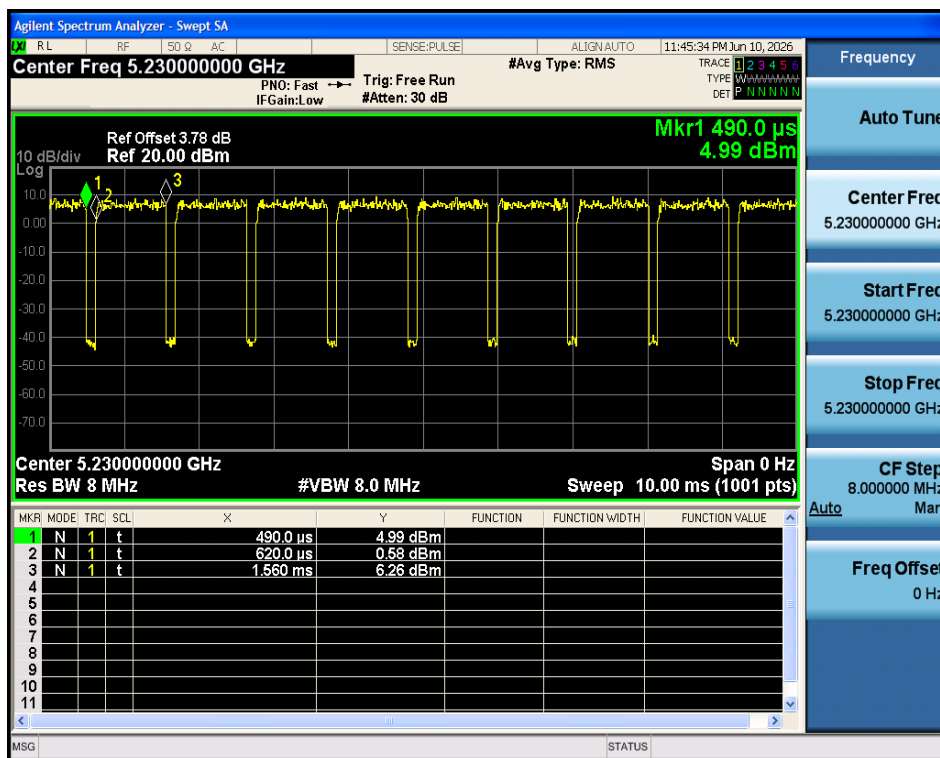
Duty Cycle NVNT n20 5200MHz Ant1



Duty Cycle NVNT n20 5240MHz Ant1



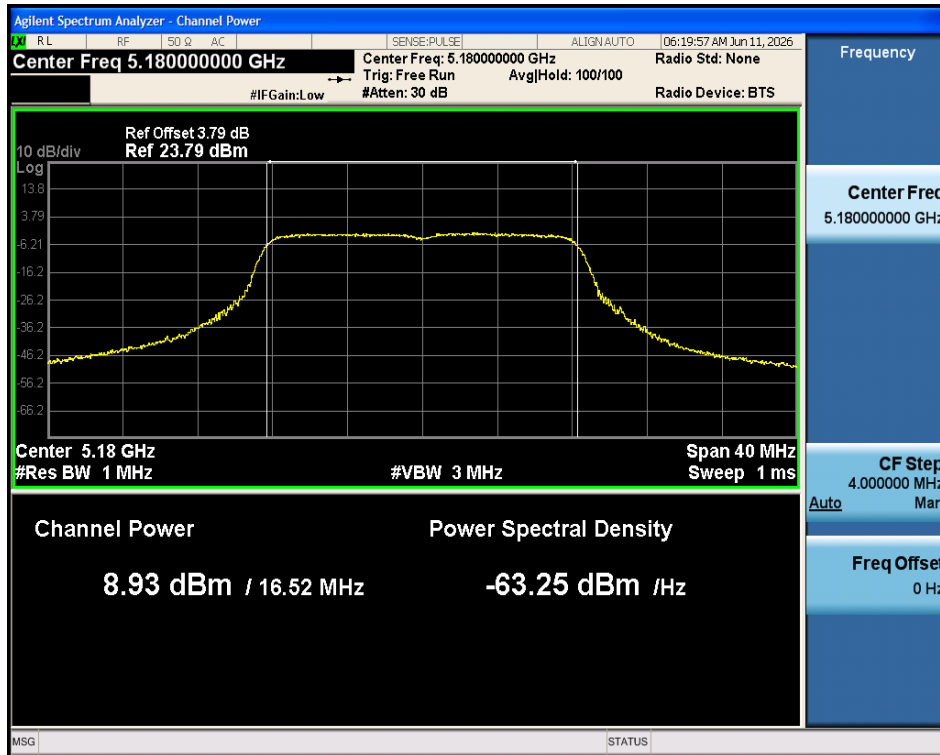
Duty Cycle NVNT n40 5190MHz Ant1



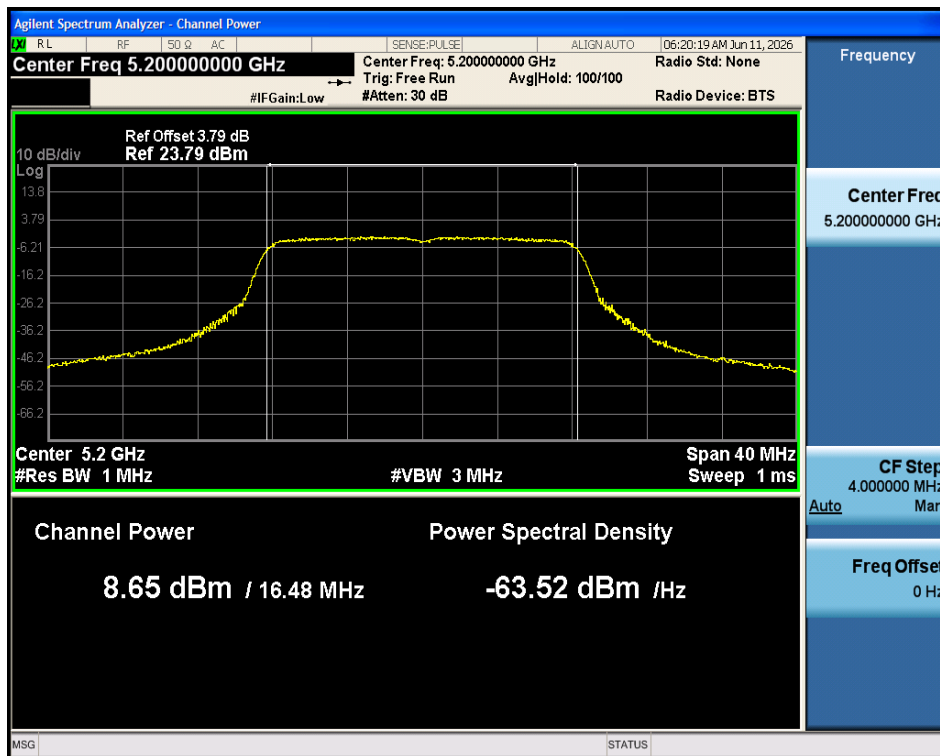
Duty Cycle NVNT n40 5230MHz Ant1

Maximum Conducted Output Power

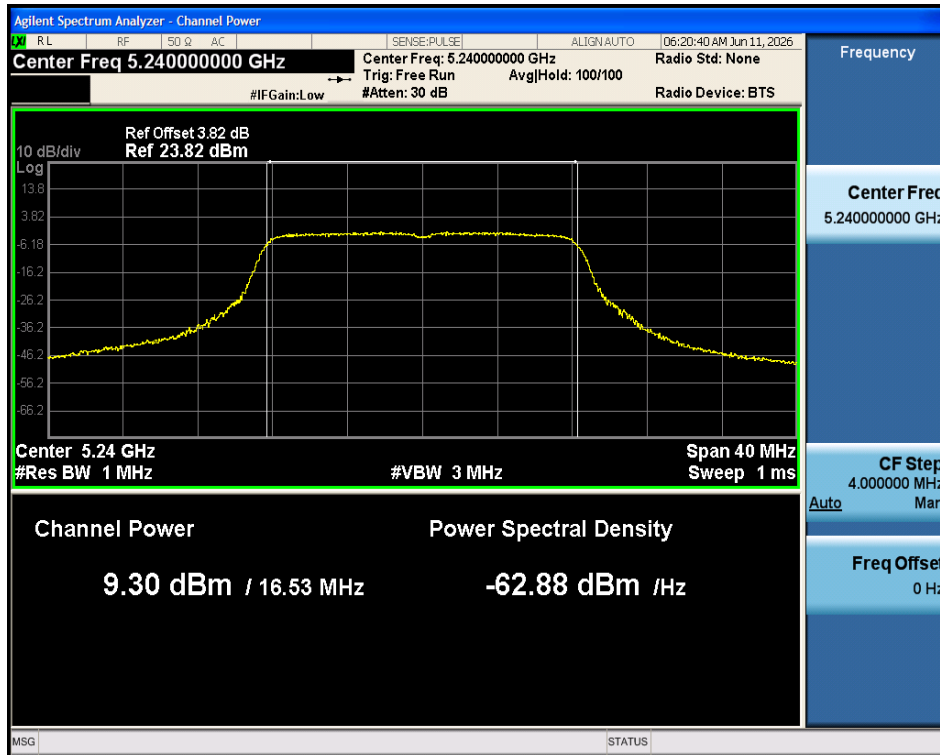
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	a	5180	Ant1	8.93	0.27	9.2	0.00832	24	Pass
NVNT	a	5200	Ant1	8.65	0.27	8.92	0.0078	24	Pass
NVNT	a	5240	Ant1	9.3	0.27	9.57	0.00906	24	Pass
NVNT	n20	5180	Ant1	7.79	0.28	8.07	0.00641	24	Pass
NVNT	n20	5200	Ant1	8.52	0.28	8.8	0.00759	24	Pass
NVNT	n20	5240	Ant1	8.89	0.28	9.17	0.00826	24	Pass
NVNT	n40	5190	Ant1	7.75	0.56	8.31	0.00678	24	Pass
NVNT	n40	5230	Ant1	9.15	0.56	9.71	0.00935	24	Pass



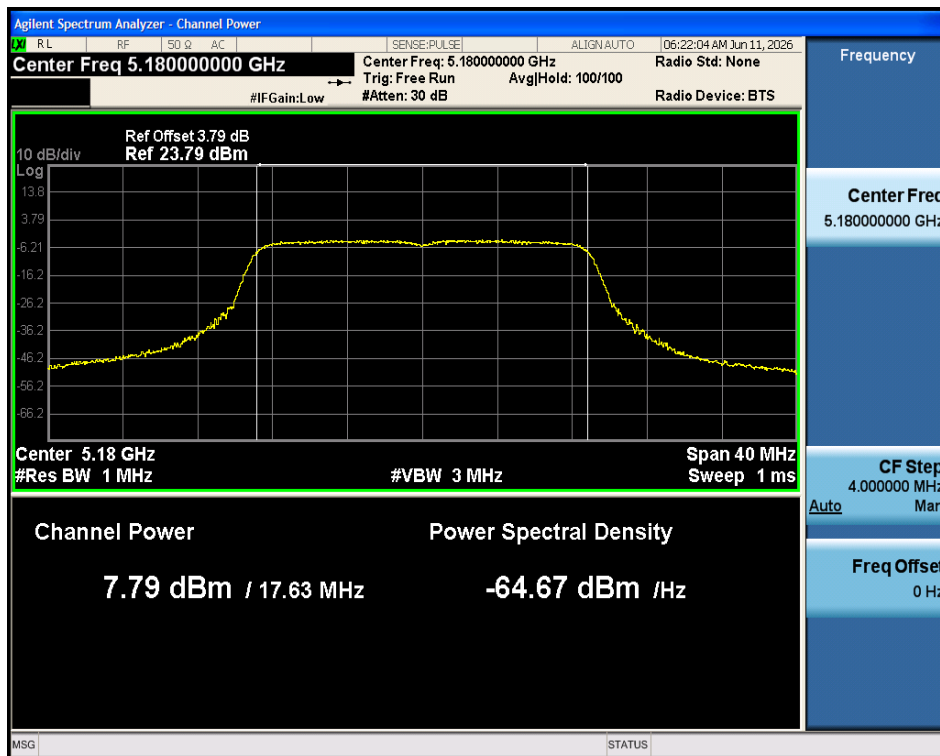
Power NVNT a 5180MHz Ant1



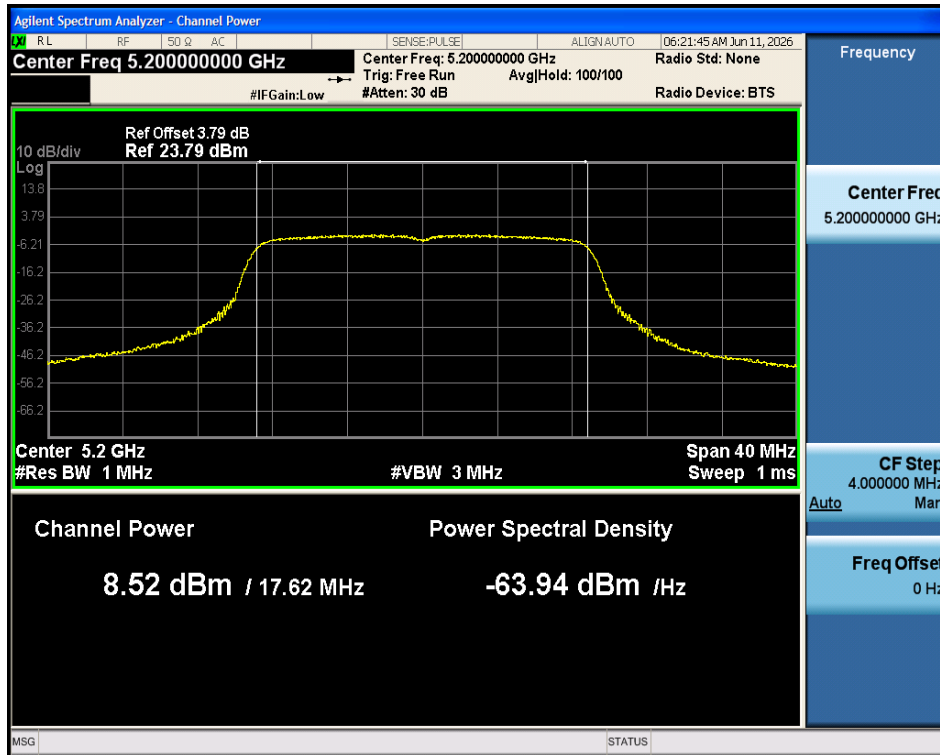
Power NVNT a 5200MHz Ant1



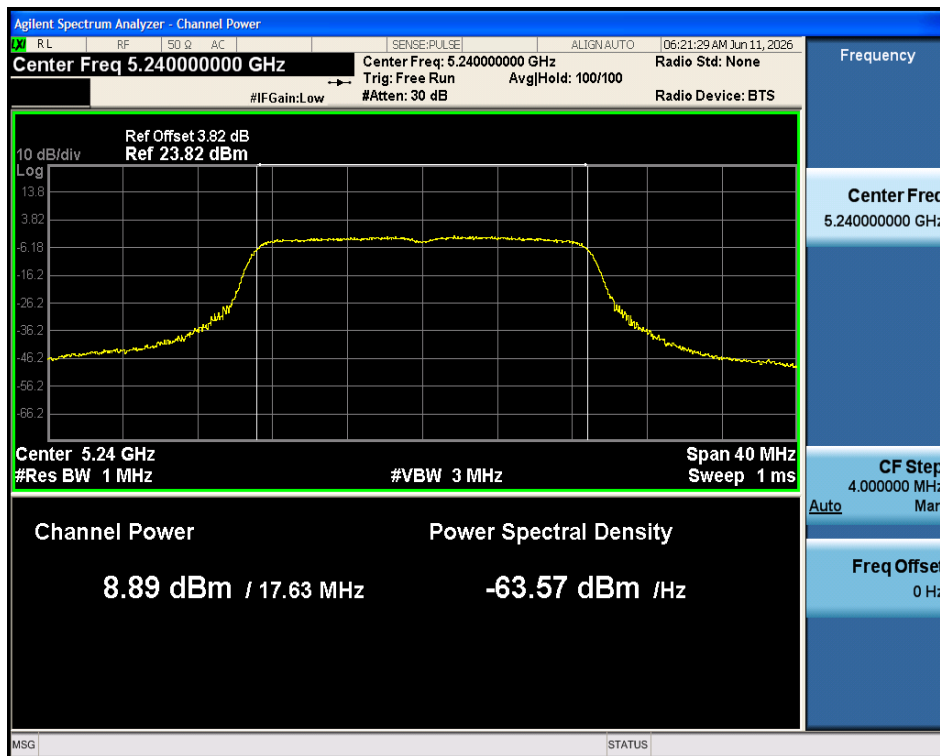
Power NVNT a 5240MHz Ant1



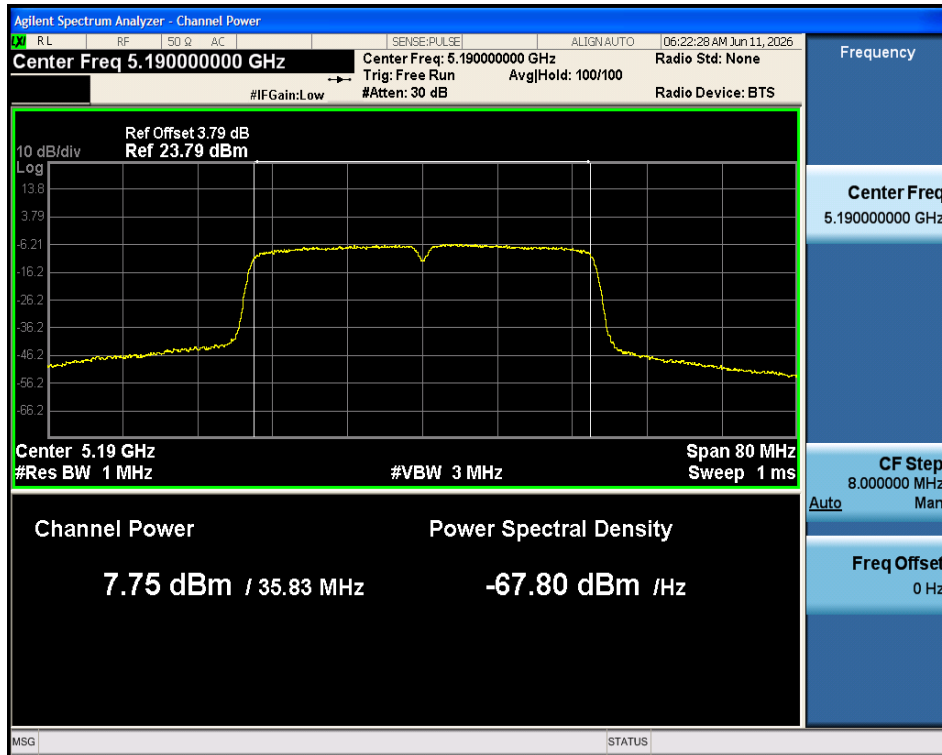
Power NVNT n20 5180MHz Ant1



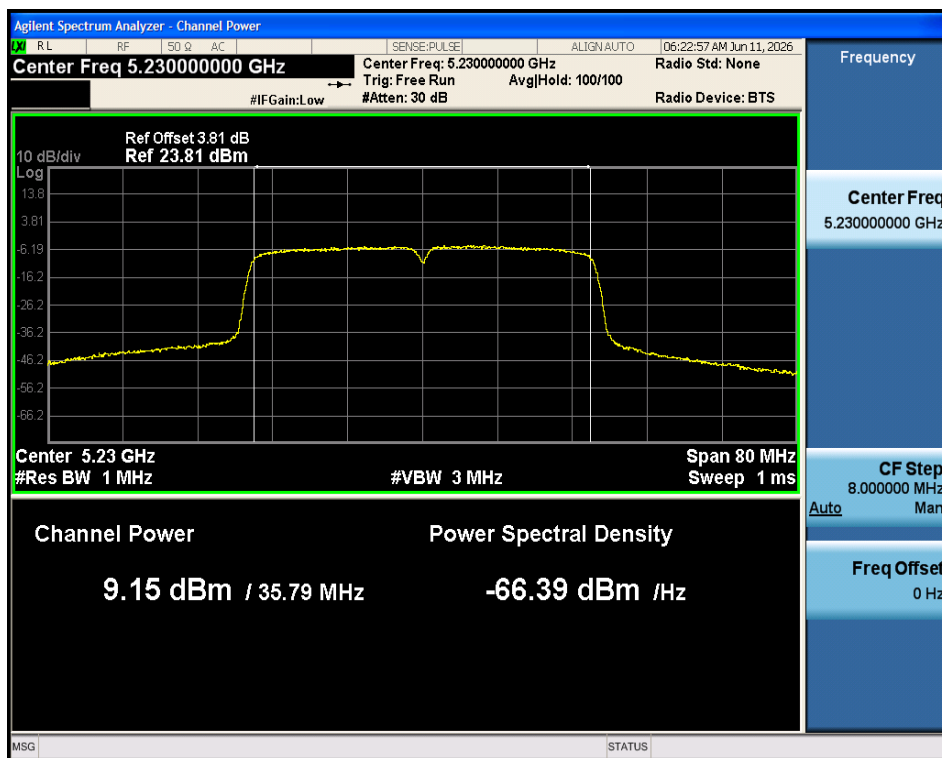
Power NVNT n20 5200MHz Ant1



Power NVNT n20 5240MHz Ant1



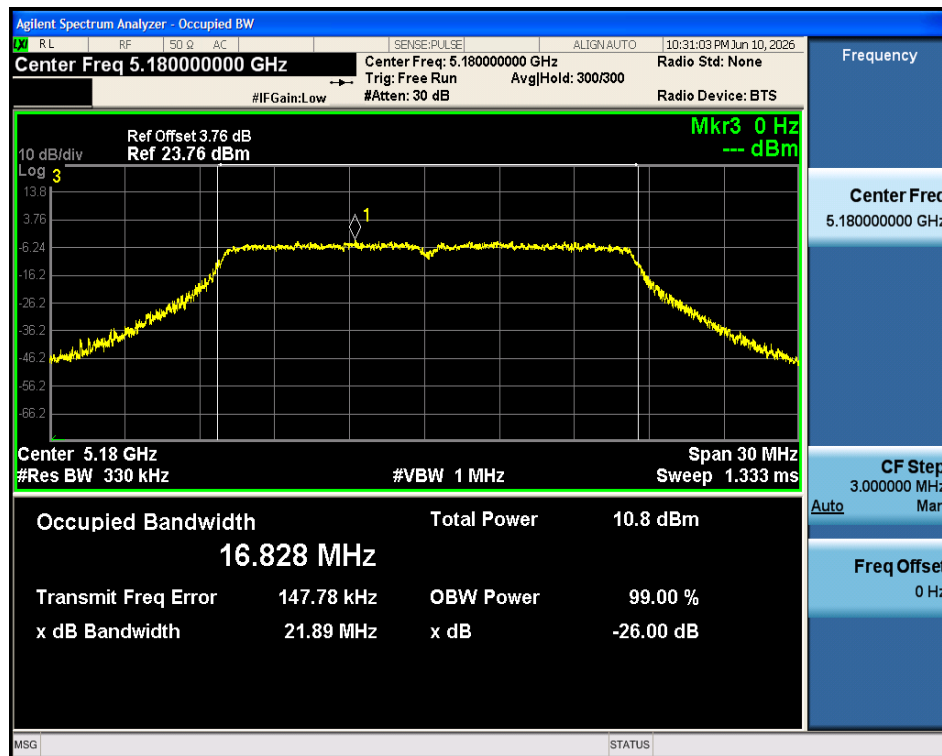
Power NVNT n40 5190MHz Ant1



Power NVNT n40 5230MHz Ant1

-26dB Bandwidth

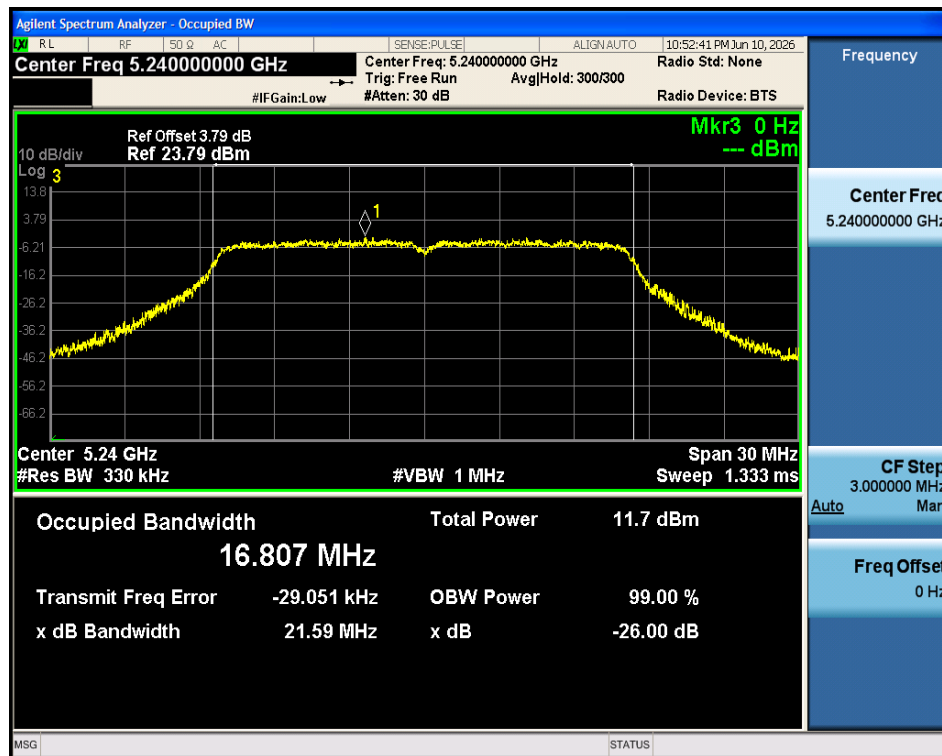
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	21.89
NVNT	a	5200	Ant1	21.76
NVNT	a	5240	Ant1	21.59
NVNT	n20	5180	Ant1	22.25
NVNT	n20	5200	Ant1	21.94
NVNT	n20	5240	Ant1	22.19
NVNT	n40	5190	Ant1	39.51
NVNT	n40	5230	Ant1	39.96



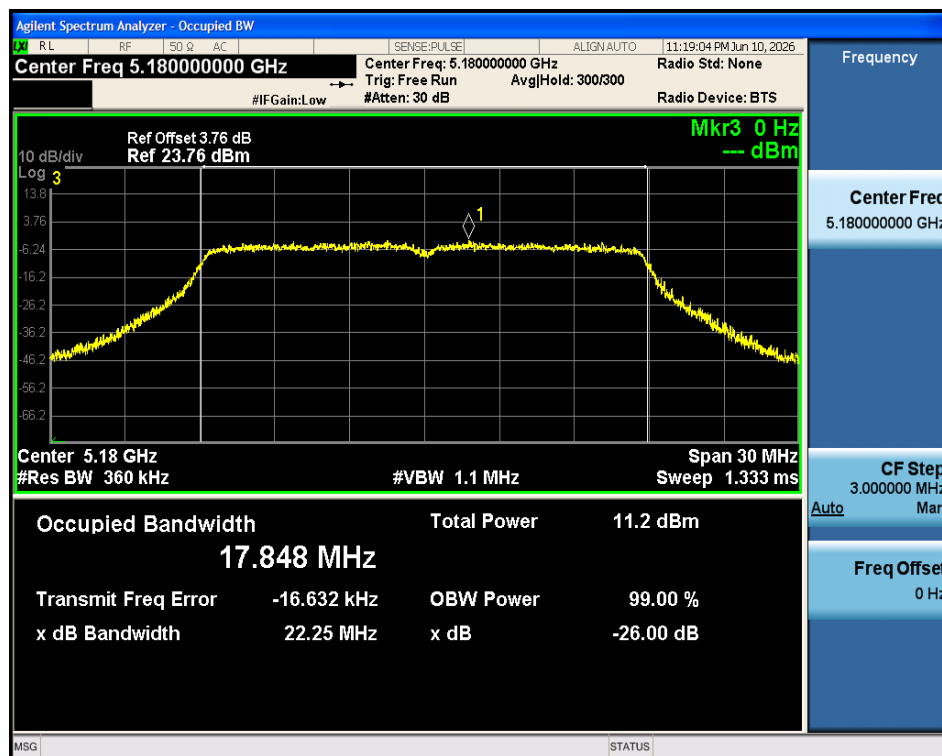
-26dB Bandwidth NVNT a 5180MHz Ant1



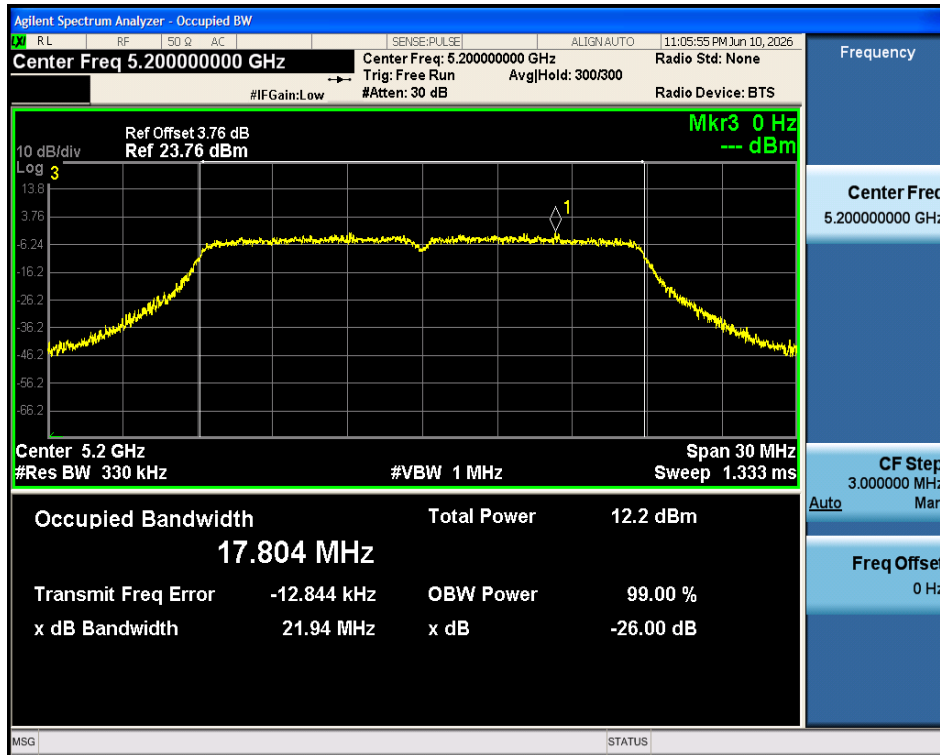
-26dB Bandwidth NVNT a 5200MHz Ant1



-26dB Bandwidth NVNT a 5240MHz Ant1



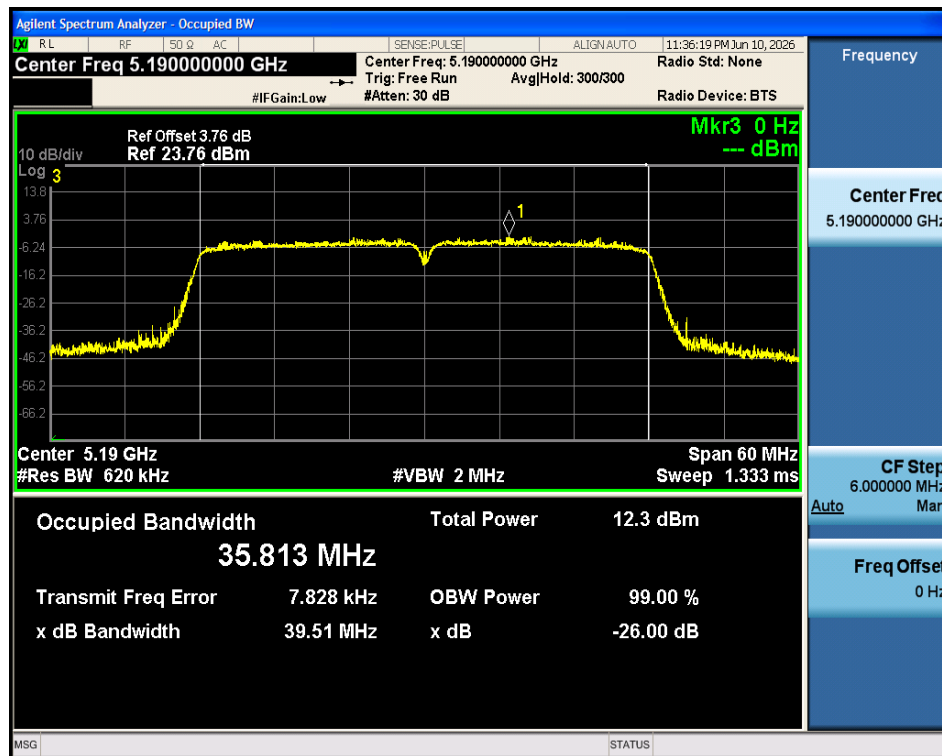
-26dB Bandwidth NVNT n20 5180MHz Ant1



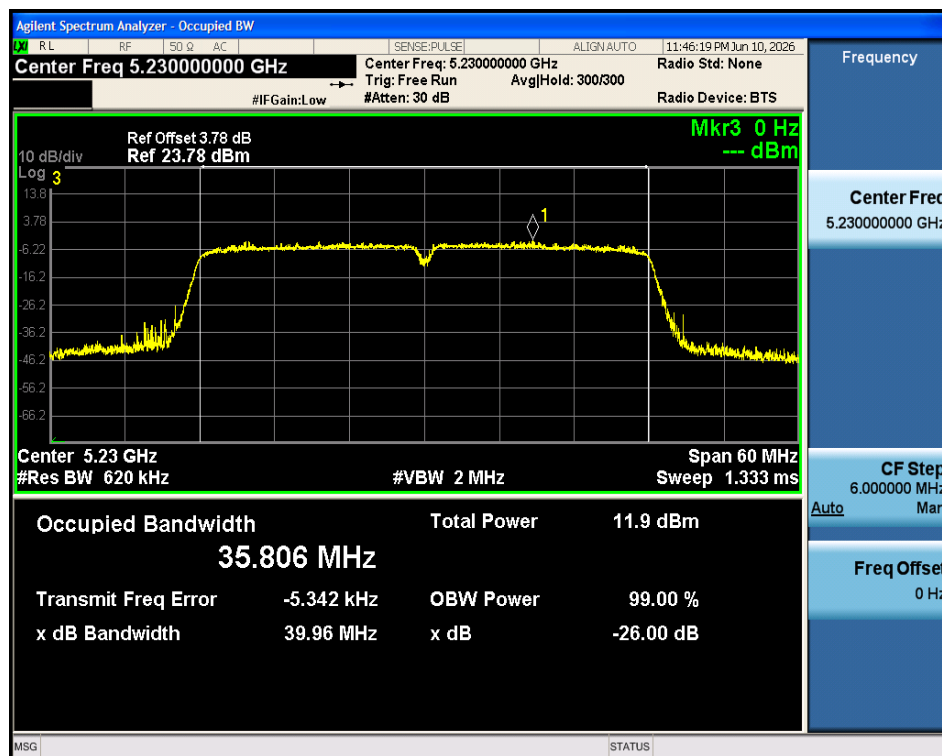
-26dB Bandwidth NVNT n20 5200MHz Ant1



-26dB Bandwidth NVNT n20 5240MHz Ant1



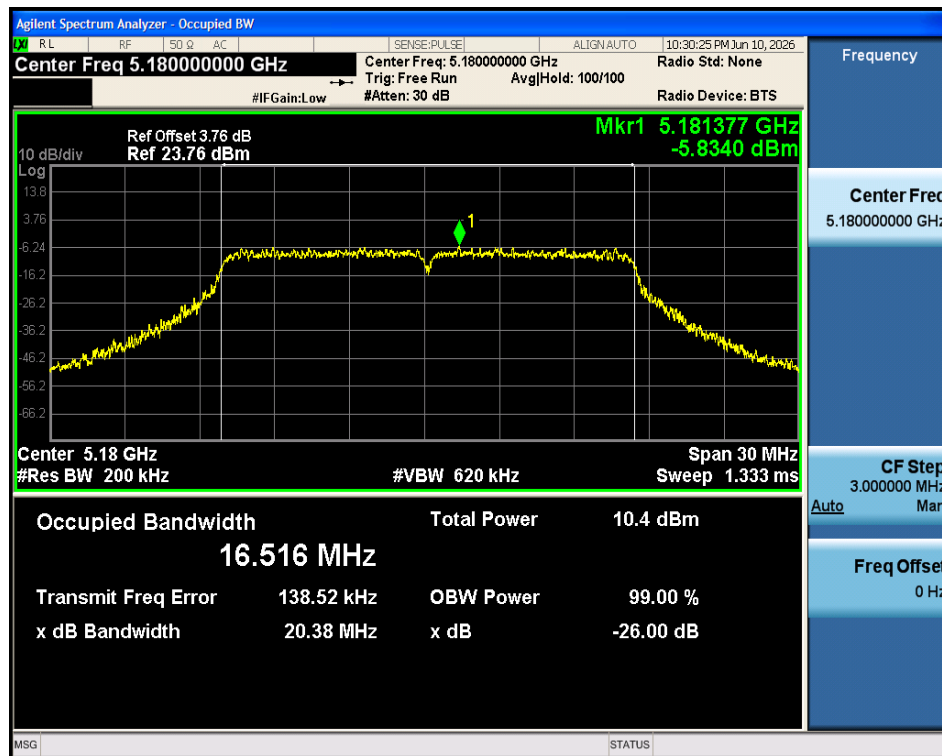
-26dB Bandwidth NVNT n40 5190MHz Ant1



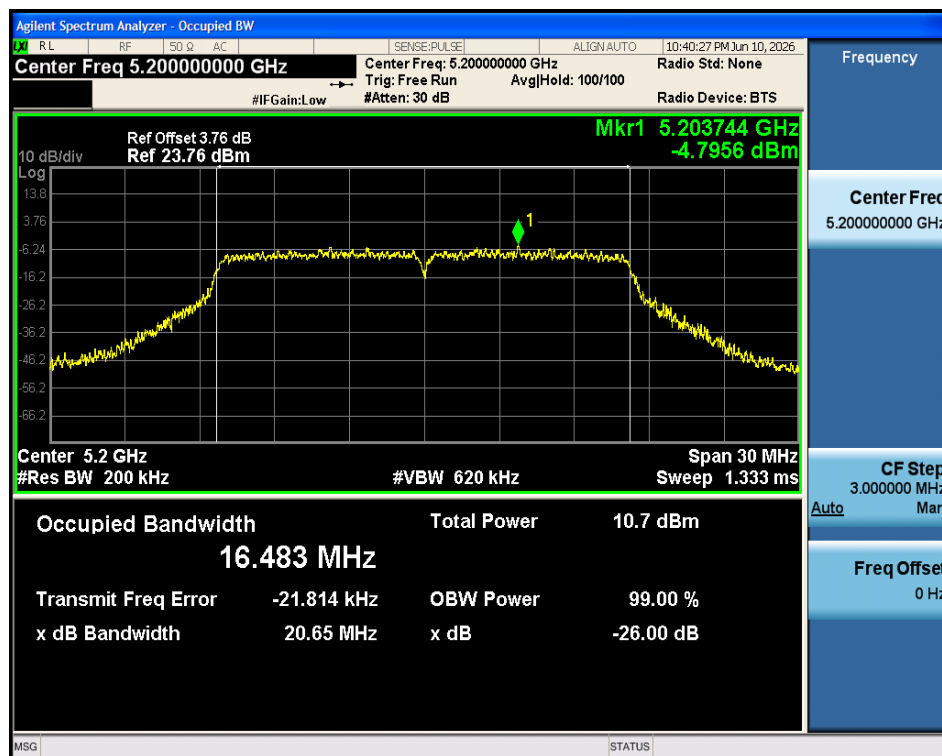
-26dB Bandwidth NVNT n40 5230MHz Ant1

Occupied Channel Bandwidth

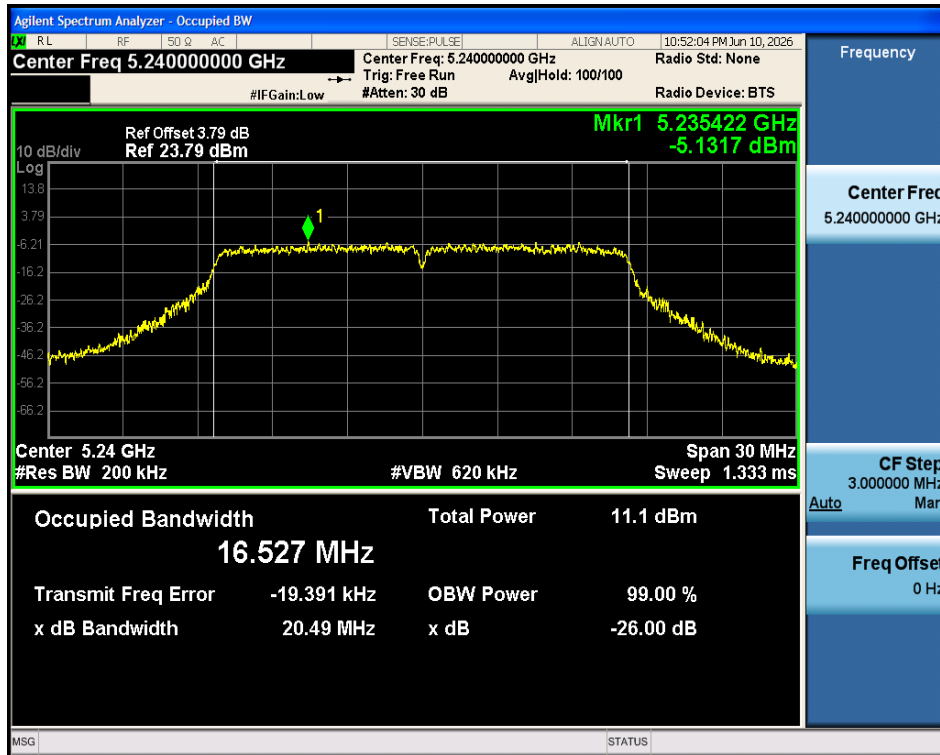
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.516
NVNT	a	5200	Ant1	16.483
NVNT	a	5240	Ant1	16.527
NVNT	n20	5180	Ant1	17.63
NVNT	n20	5200	Ant1	17.624
NVNT	n20	5240	Ant1	17.632
NVNT	n40	5190	Ant1	35.832
NVNT	n40	5230	Ant1	35.788



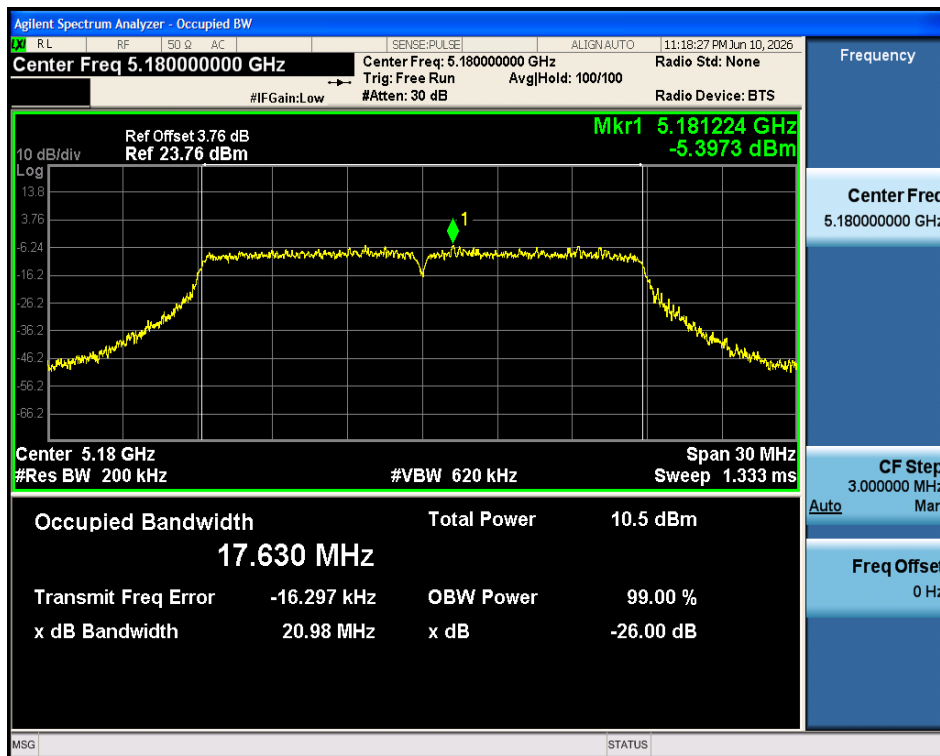
OBW NVNT a 5180MHz Ant1



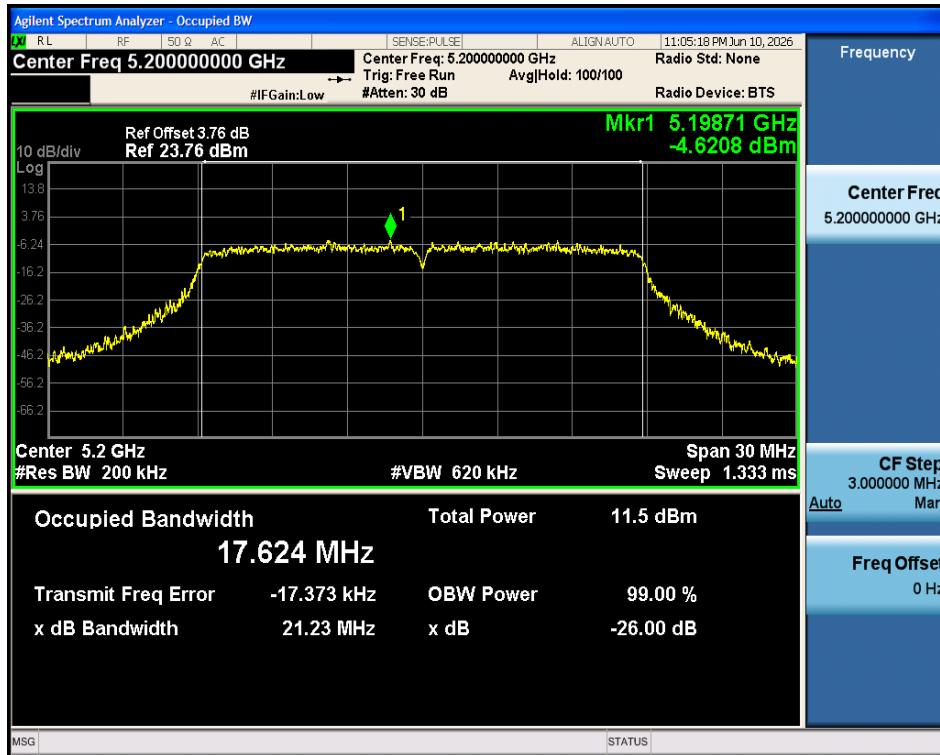
OBW NVNT a 5200MHz Ant1



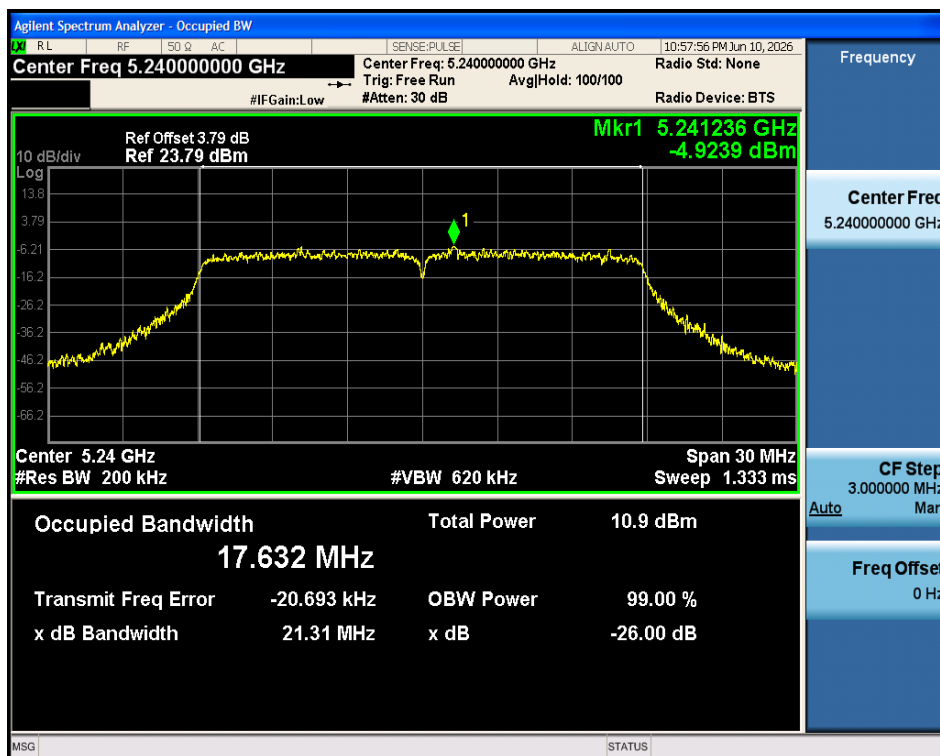
OBW NVNT a 5240MHz Ant1



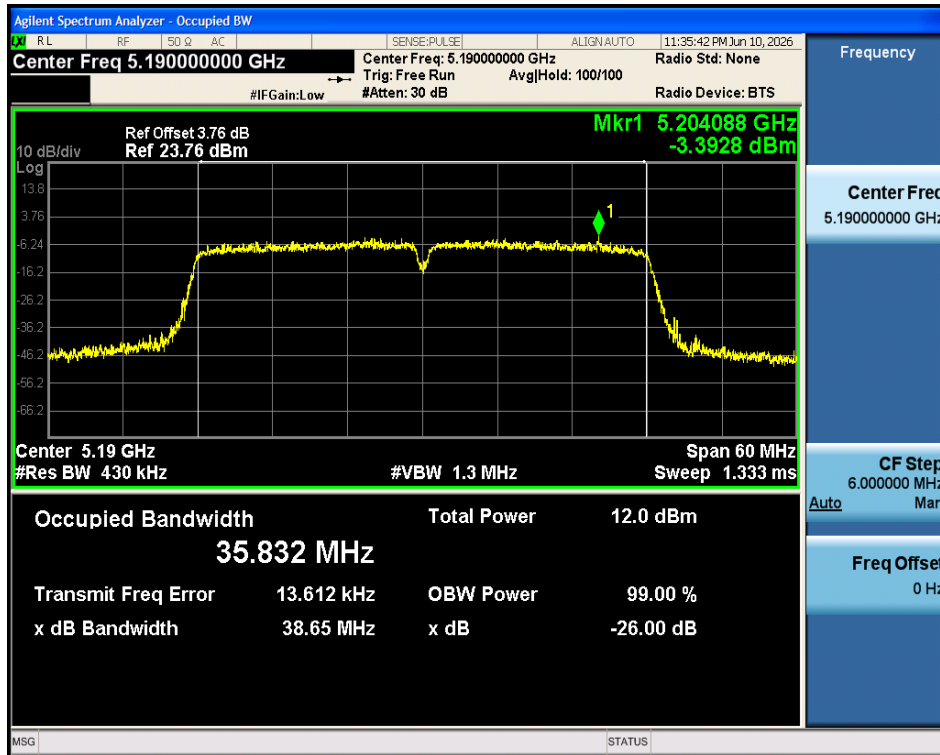
OBW NVNT n20 5180MHz Ant1



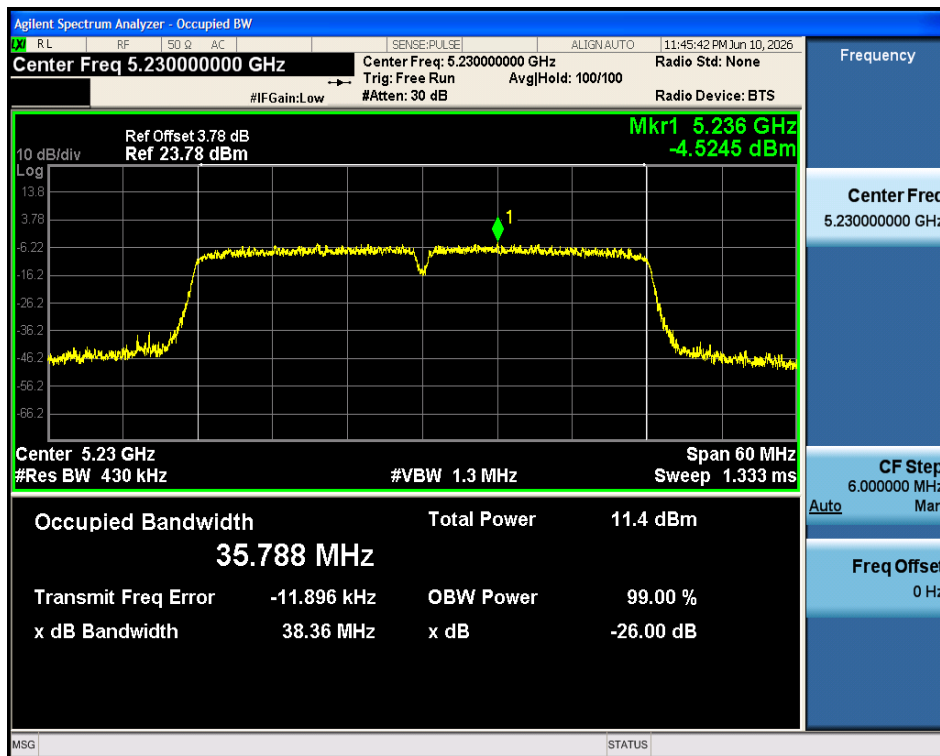
OBW NVNT n20 5200MHz Ant1



OBW NVNT n20 5240MHz Ant1



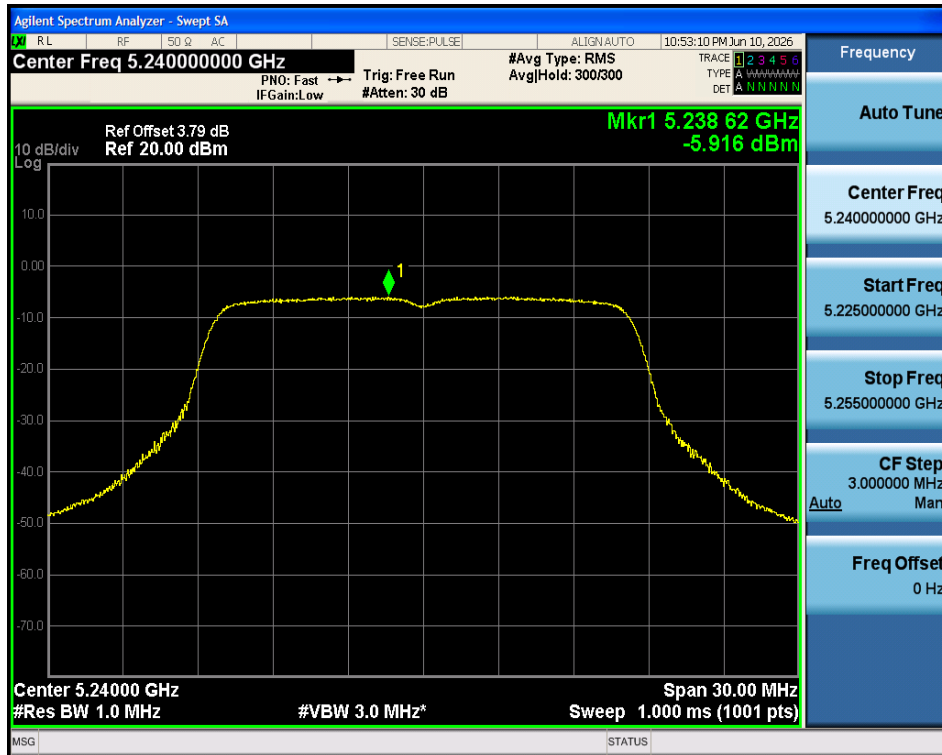
OBW NVNT n40 5190MHz Ant1



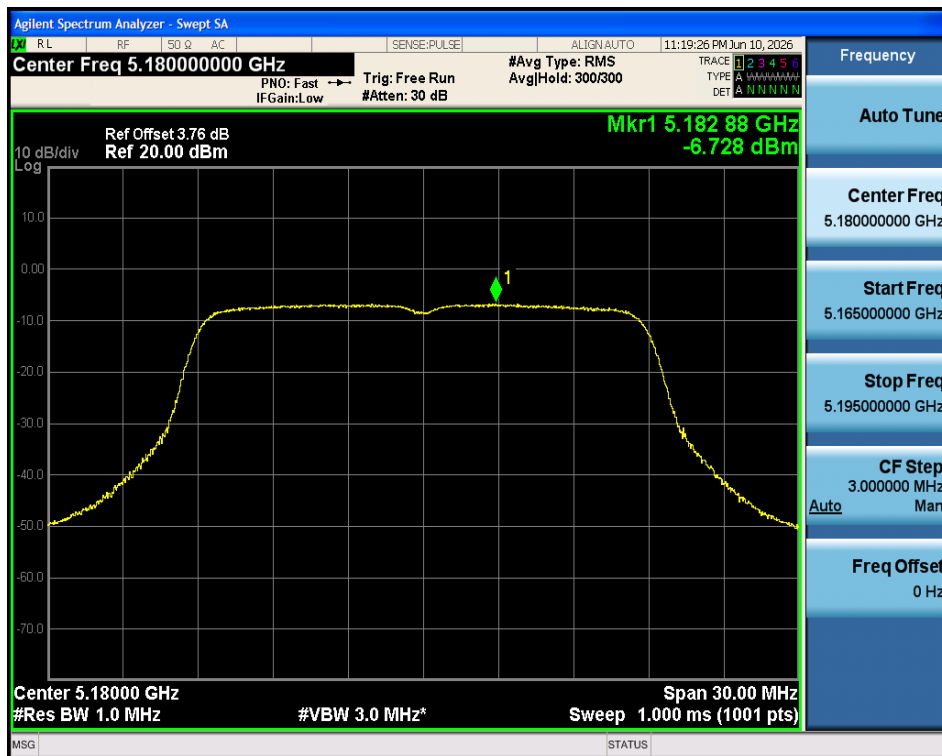
OBW NVNT n40 5230MHz Ant1

Maximum Power Spectral Density Level

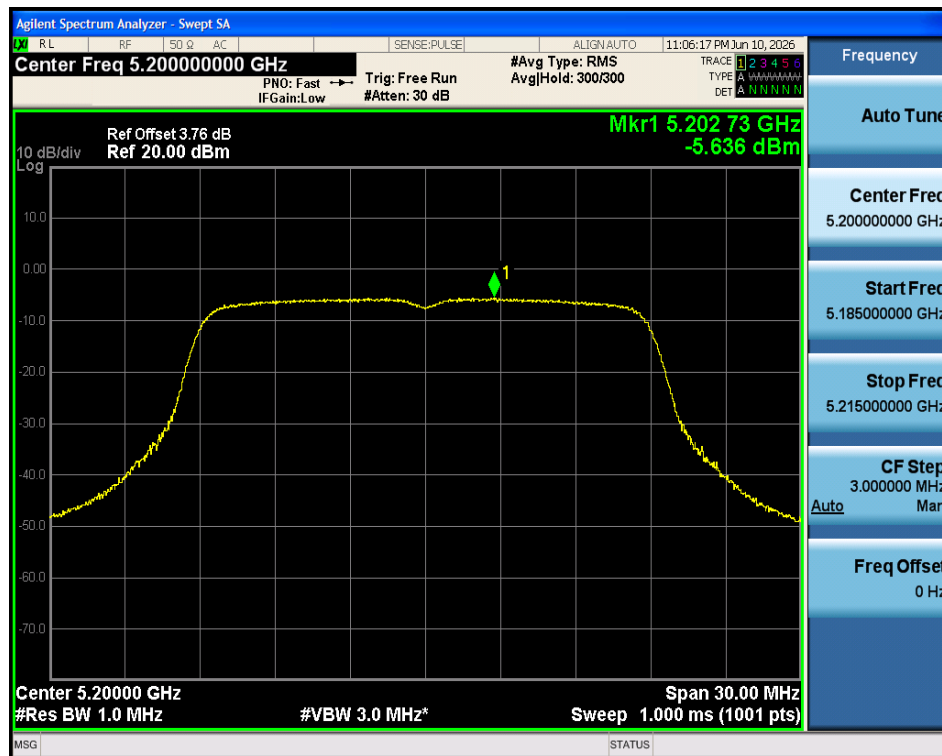
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total Conducted PSD (dBm)	Limit Conducted(dBm)	Verdict
NVNT	a	5180	Ant1	-7.05	0.27	-6.78	11	Pass
NVNT	a	5200	Ant1	-6.25	0.27	-5.98	11	Pass
NVNT	a	5240	Ant1	-5.92	0.27	-5.65	11	Pass
NVNT	n20	5180	Ant1	-6.73	0.28	-6.45	11	Pass
NVNT	n20	5200	Ant1	-5.64	0.28	-5.36	11	Pass
NVNT	n20	5240	Ant1	-6.41	0.28	-6.13	11	Pass
NVNT	n40	5190	Ant1	-9.14	0.56	-8.57	11	Pass
NVNT	n40	5230	Ant1	-9.22	0.56	-8.66	11	Pass



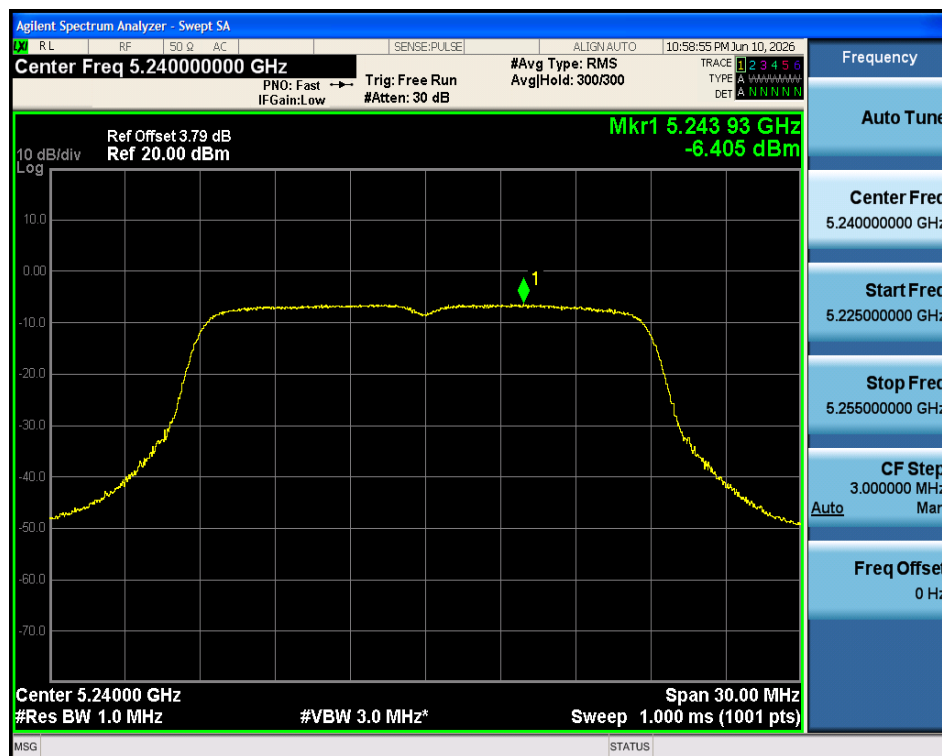
PSD NVNT a 5240MHz Ant1



PSD NVNT n20 5180MHz Ant1



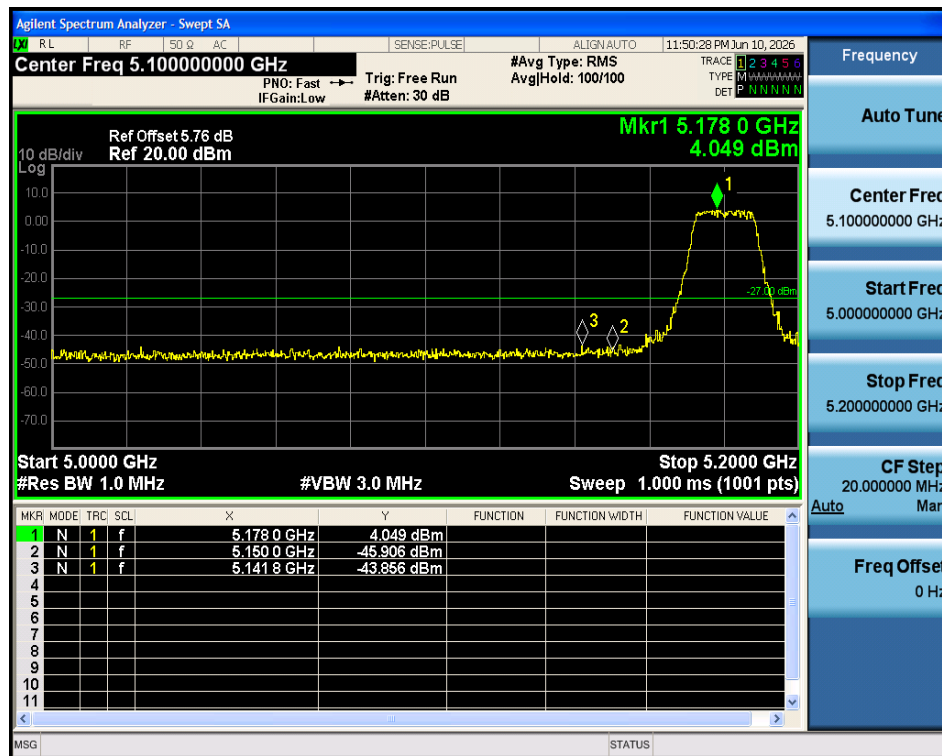
PSD NVNT n20 5200MHz Ant1



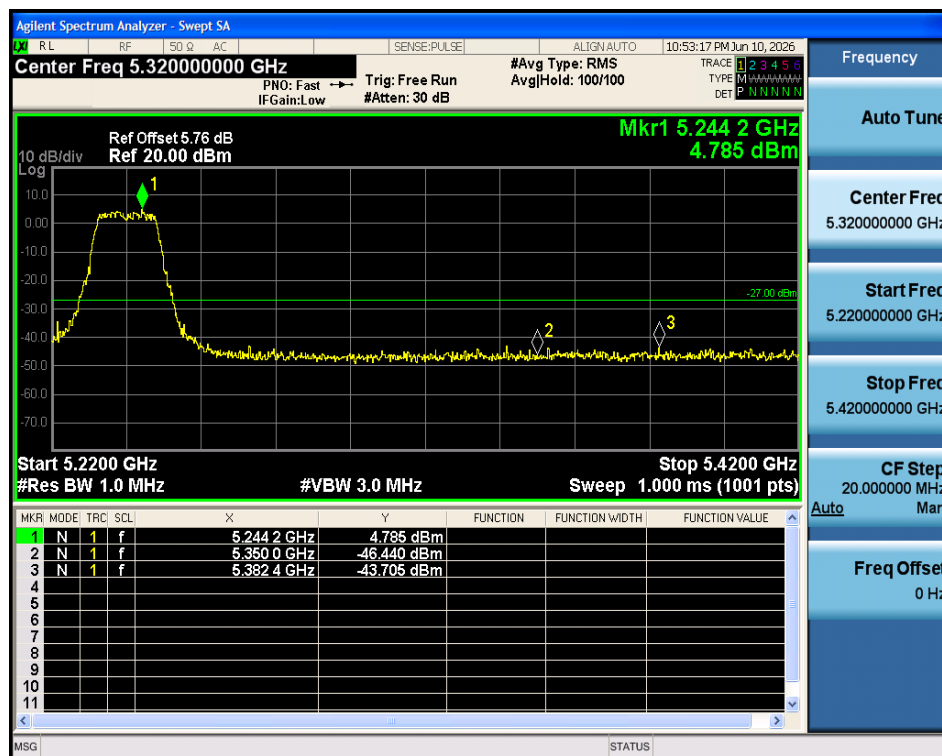
PSD NVNT n20 5240MHz Ant1

Band Edge

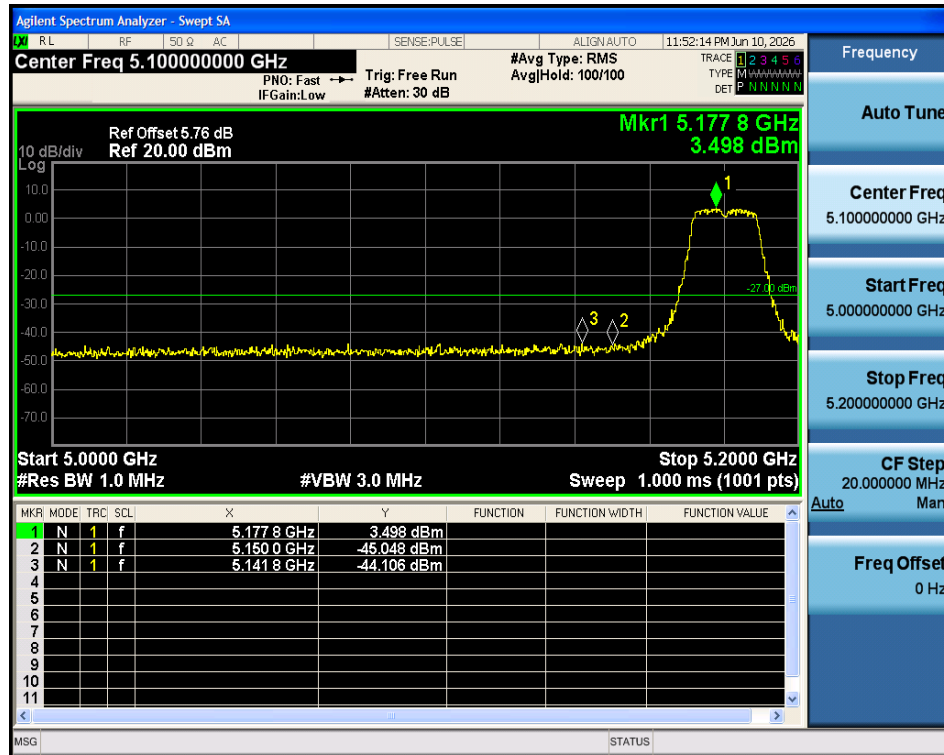
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-43.86	-27	Pass
NVNT	a	5240	Ant1	-43.71	-27	Pass
NVNT	n20	5180	Ant1	-44.11	-27	Pass
NVNT	n20	5240	Ant1	-43.8	-27	Pass
NVNT	n40	5190	Ant1	-40.34	-27	Pass
NVNT	n40	5230	Ant1	-43.92	-27	Pass



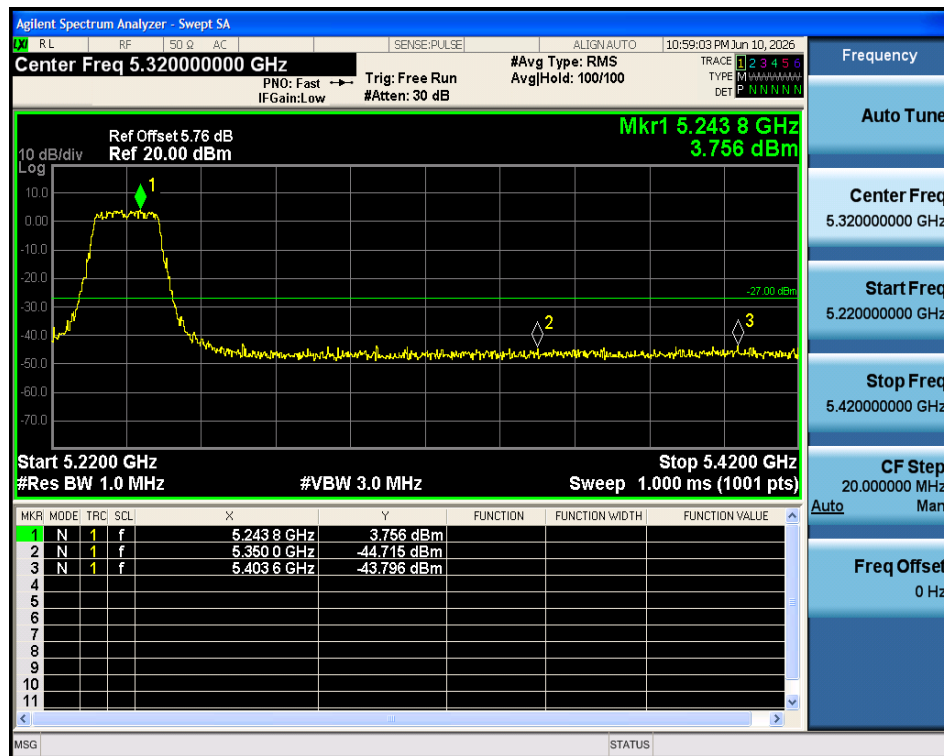
Band Edge NVNT a 5180MHz Low Ant1



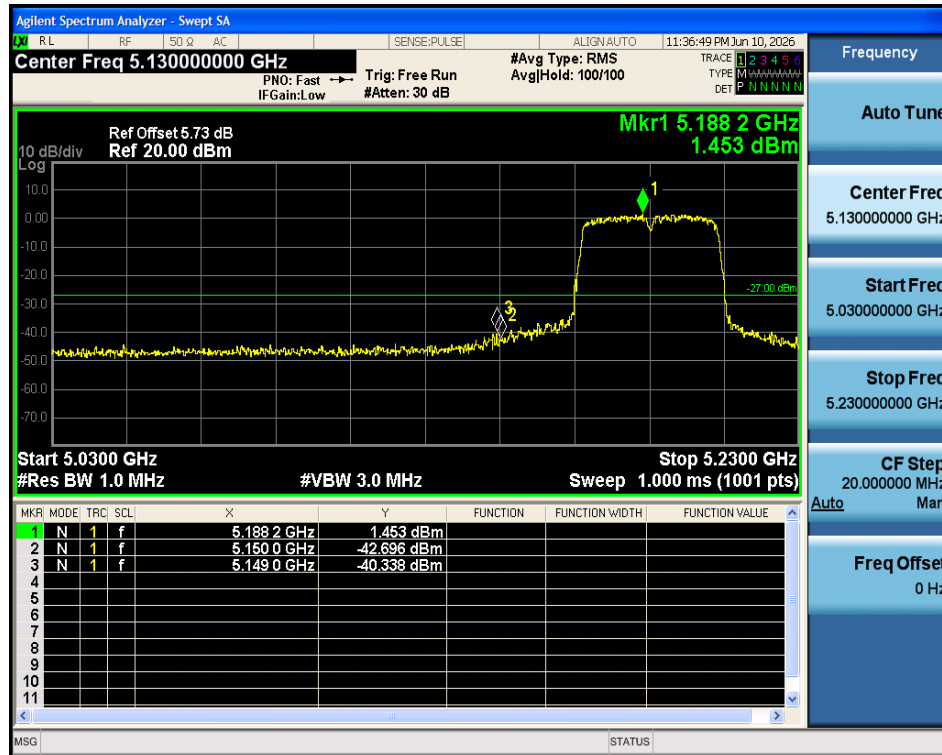
Band Edge NVNT a 5240MHz High Ant1



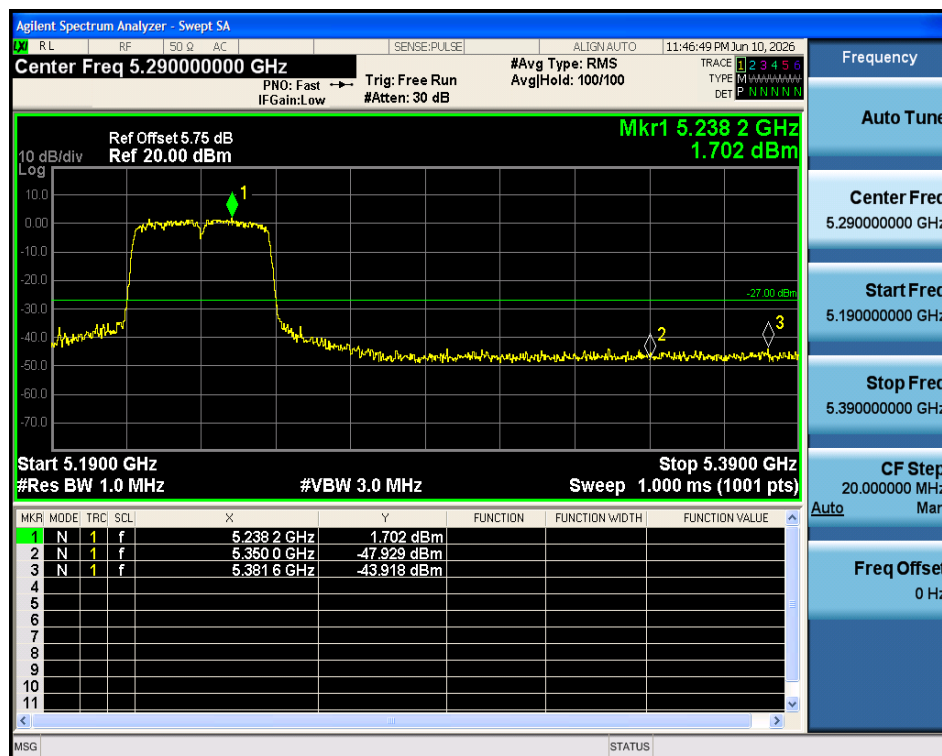
Band Edge NVNT n20 5180MHz Low Ant1



Band Edge NVNT n20 5240MHz High Ant1



Band Edge NVNT n40 5190MHz Low Ant1

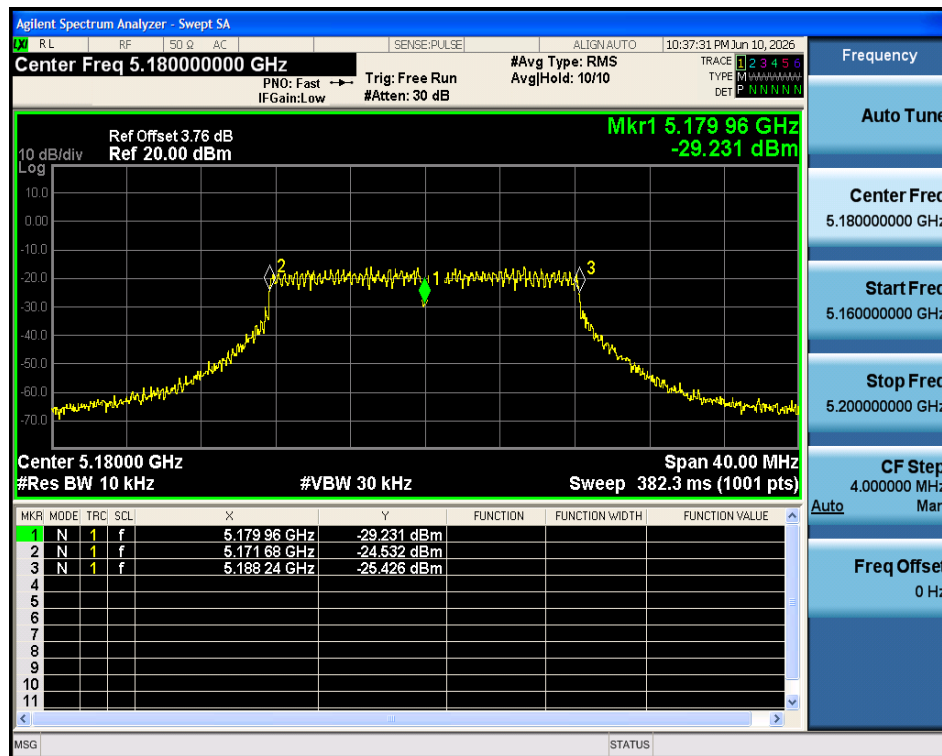


Band Edge NVNT n40 5230MHz High Ant1

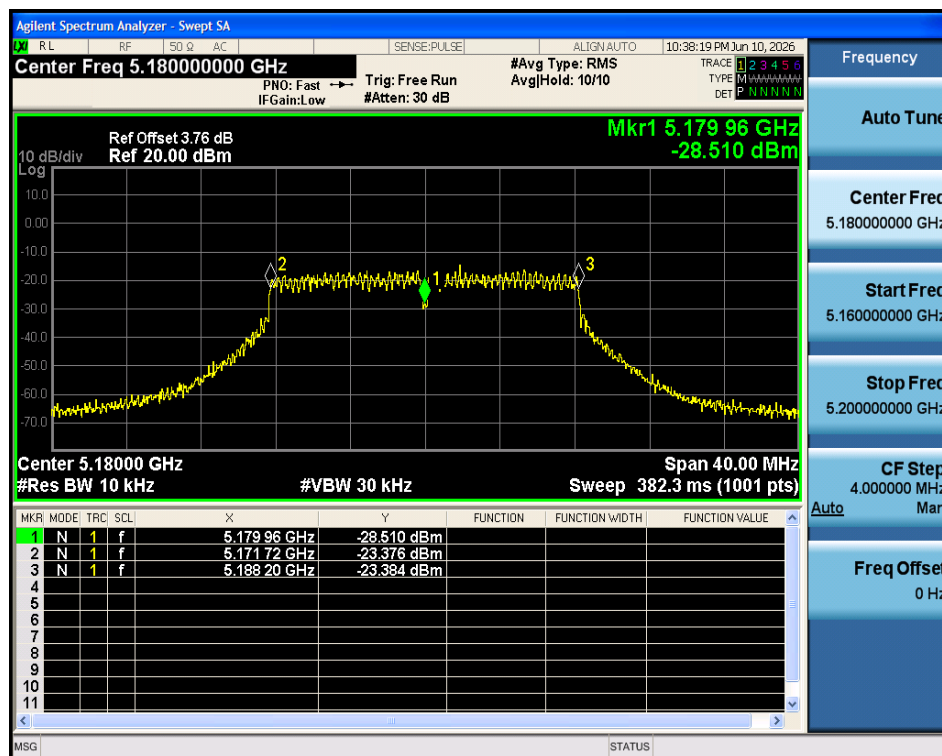
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 4.25V	a	5180	Ant1	5179.96	-40000	-7.72	20	Pass
20C 5V	a	5180	Ant1	5179.96	-40000	-7.72	20	Pass
20C 5.75V	a	5180	Ant1	5179.98	-20000	-3.86	20	Pass
-20C 5V	a	5180	Ant1	5179.96	-40000	-7.72	20	Pass
-10C 5V	a	5180	Ant1	5179.96	-40000	-7.72	20	Pass
0C 5V	a	5180	Ant1	5179.96	-40000	-7.72	20	Pass
10C 5V	a	5180	Ant1	5179.96	-40000	-7.72	20	Pass
30C 5V	a	5180	Ant1	5179.96	-40000	-7.72	20	Pass
40C 5V	a	5180	Ant1	5179.94	-60000	-11.58	20	Pass
50C 5V	a	5180	Ant1	5179.96	-40000	-7.72	20	Pass
20C 4.25V	a	5200	Ant1	5199.96	-40000	-7.69	20	Pass
20C 5V	a	5200	Ant1	5199.96	-40000	-7.69	20	Pass
20C 5.75V	a	5200	Ant1	5199.96	-40000	-7.69	20	Pass
-20C 5V	a	5200	Ant1	5199.96	-40000	-7.69	20	Pass
-10C 5V	a	5200	Ant1	5199.96	-40000	-7.69	20	Pass
0C 5V	a	5200	Ant1	5199.96	-40000	-7.69	20	Pass
10C 5V	a	5200	Ant1	5199.96	-40000	-7.69	20	Pass
30C 5V	a	5200	Ant1	5199.96	-40000	-7.69	20	Pass
40C 5V	a	5200	Ant1	5199.98	-20000	-3.85	20	Pass
50C 5V	a	5200	Ant1	5199.98	-20000	-3.85	20	Pass
20C 4.25V	a	5240	Ant1	5239.96	-40000	-7.63	20	Pass
20C 5V	a	5240	Ant1	5239.94	-60000	-11.45	20	Pass
20C 5.75V	a	5240	Ant1	5239.94	-60000	-11.45	20	Pass
-20C 5V	a	5240	Ant1	5239.94	-60000	-11.45	20	Pass
-10C 5V	a	5240	Ant1	5239.94	-60000	-11.45	20	Pass
0C 5V	a	5240	Ant1	5239.94	-60000	-11.45	20	Pass
10C 5V	a	5240	Ant1	5239.96	-40000	-7.63	20	Pass
30C 5V	a	5240	Ant1	5239.96	-40000	-7.63	20	Pass
40C 5V	a	5240	Ant1	5239.94	-60000	-11.45	20	Pass
50C 5V	a	5240	Ant1	5239.96	-40000	-7.63	20	Pass
20C 4.25V	n20	5180	Ant1	5179.96	-40000	-7.72	20	Pass
20C 5V	n20	5180	Ant1	5179.96	-40000	-7.72	20	Pass
20C 5.75V	n20	5180	Ant1	5179.96	-40000	-7.72	20	Pass
-20C 5V	n20	5180	Ant1	5179.96	-40000	-7.72	20	Pass
-10C 5V	n20	5180	Ant1	5179.96	-40000	-7.72	20	Pass
0C 5V	n20	5180	Ant1	5179.96	-40000	-7.72	20	Pass
10C 5V	n20	5180	Ant1	5179.96	-40000	-7.72	20	Pass
30C 5V	n20	5180	Ant1	5179.94	-60000	-11.58	20	Pass
40C 5V	n20	5180	Ant1	5179.96	-40000	-7.72	20	Pass
50C 5V	n20	5180	Ant1	5179.96	-40000	-7.72	20	Pass

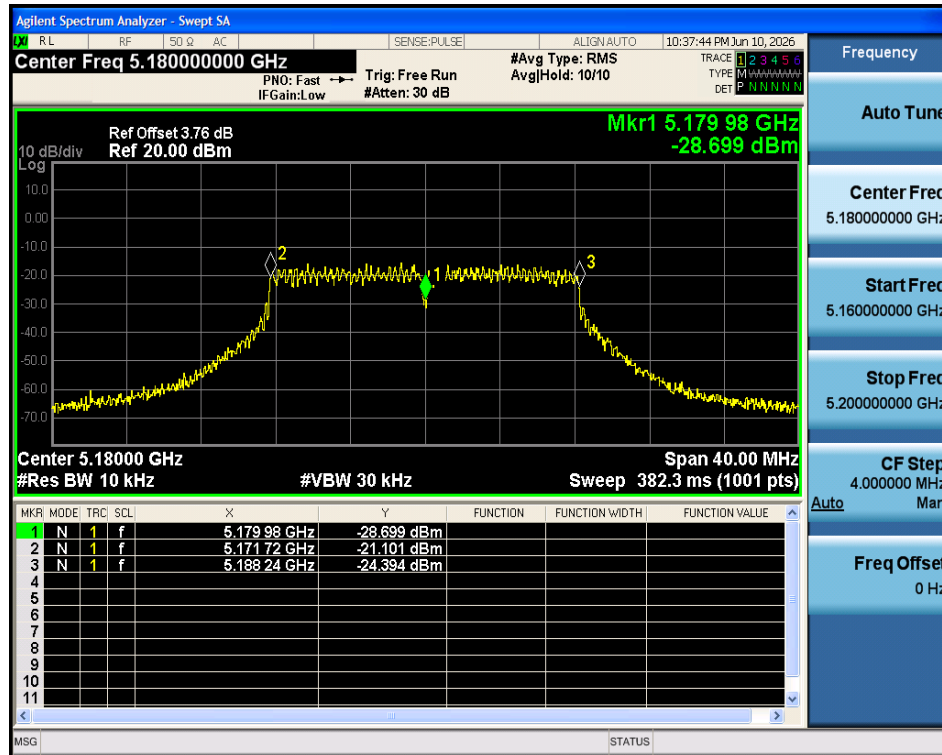
20C 4.25V	n20	5200	Ant1	5199.96	-40000	-7.69	20	Pass
20C 5V	n20	5200	Ant1	5199.96	-40000	-7.69	20	Pass
20C 5.75V	n20	5200	Ant1	5199.96	-40000	-7.69	20	Pass
-20C 5V	n20	5200	Ant1	5199.96	-40000	-7.69	20	Pass
-10C 5V	n20	5200	Ant1	5199.96	-40000	-7.69	20	Pass
0C 5V	n20	5200	Ant1	5199.96	-40000	-7.69	20	Pass
10C 5V	n20	5200	Ant1	5199.96	-40000	-7.69	20	Pass
30C 5V	n20	5200	Ant1	5199.96	-40000	-7.69	20	Pass
40C 5V	n20	5200	Ant1	5199.96	-40000	-7.69	20	Pass
50C 5V	n20	5200	Ant1	5199.96	-40000	-7.69	20	Pass
20C 4.25V	n20	5240	Ant1	5239.96	-40000	-7.63	20	Pass
20C 5V	n20	5240	Ant1	5239.96	-40000	-7.63	20	Pass
20C 5.75V	n20	5240	Ant1	5239.96	-40000	-7.63	20	Pass
-20C 5V	n20	5240	Ant1	5239.96	-40000	-7.63	20	Pass
-10C 5V	n20	5240	Ant1	5239.94	-60000	-11.45	20	Pass
0C 5V	n20	5240	Ant1	5239.94	-60000	-11.45	20	Pass
10C 5V	n20	5240	Ant1	5239.92	-80000	-15.27	20	Pass
30C 5V	n20	5240	Ant1	5239.96	-40000	-7.63	20	Pass
40C 5V	n20	5240	Ant1	5239.94	-60000	-11.45	20	Pass
50C 5V	n20	5240	Ant1	5239.94	-60000	-11.45	20	Pass
20C 4.25V	n40	5190	Ant1	5189.96	-40000	-7.71	20	Pass
20C 5V	n40	5190	Ant1	5189.96	-40000	-7.71	20	Pass
20C 5.75V	n40	5190	Ant1	5190	0	0	20	Pass
-20C 5V	n40	5190	Ant1	5190	0	0	20	Pass
-10C 5V	n40	5190	Ant1	5190	0	0	20	Pass
0C 5V	n40	5190	Ant1	5190	0	0	20	Pass
10C 5V	n40	5190	Ant1	5189.96	-40000	-7.71	20	Pass
30C 5V	n40	5190	Ant1	5189.96	-40000	-7.71	20	Pass
40C 5V	n40	5190	Ant1	5190	0	0	20	Pass
50C 5V	n40	5190	Ant1	5190	0	0	20	Pass
20C 4.25V	n40	5230	Ant1	5229.96	-40000	-7.65	20	Pass
20C 5V	n40	5230	Ant1	5229.96	-40000	-7.65	20	Pass
20C 5.75V	n40	5230	Ant1	5229.96	-40000	-7.65	20	Pass
-20C 5V	n40	5230	Ant1	5229.96	-40000	-7.65	20	Pass
-10C 5V	n40	5230	Ant1	5229.96	-40000	-7.65	20	Pass
0C 5V	n40	5230	Ant1	5229.96	-40000	-7.65	20	Pass
10C 5V	n40	5230	Ant1	5229.96	-40000	-7.65	20	Pass
30C 5V	n40	5230	Ant1	5229.96	-40000	-7.65	20	Pass
40C 5V	n40	5230	Ant1	5229.96	-40000	-7.65	20	Pass
50C 5V	n40	5230	Ant1	5229.96	-40000	-7.65	20	Pass



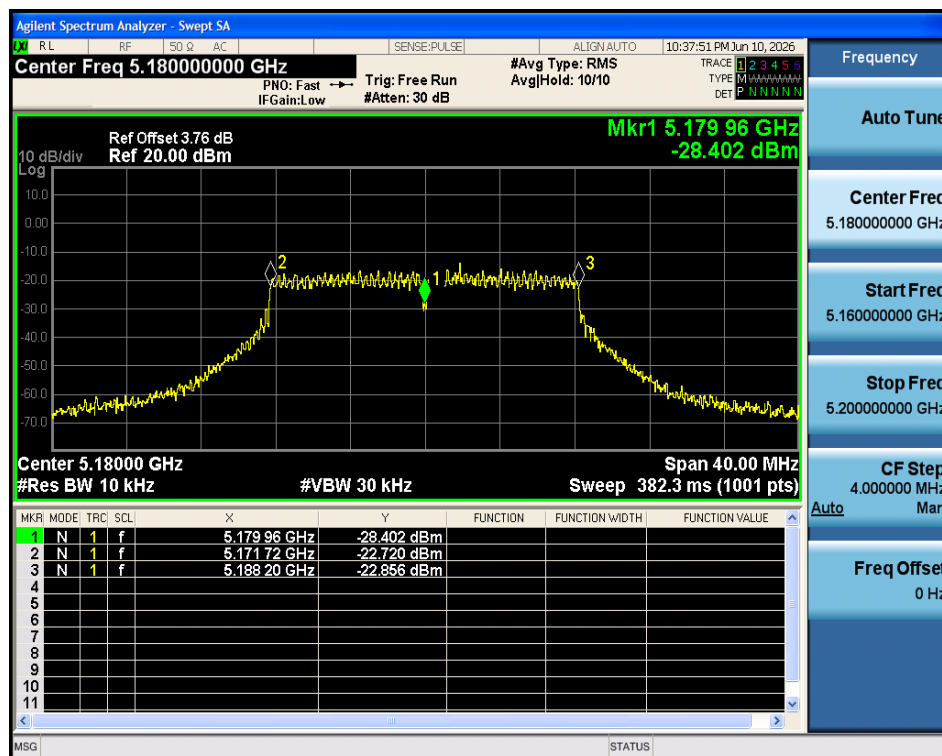
Freq. Stability 20C 4.25V a 5180MHz Ant1



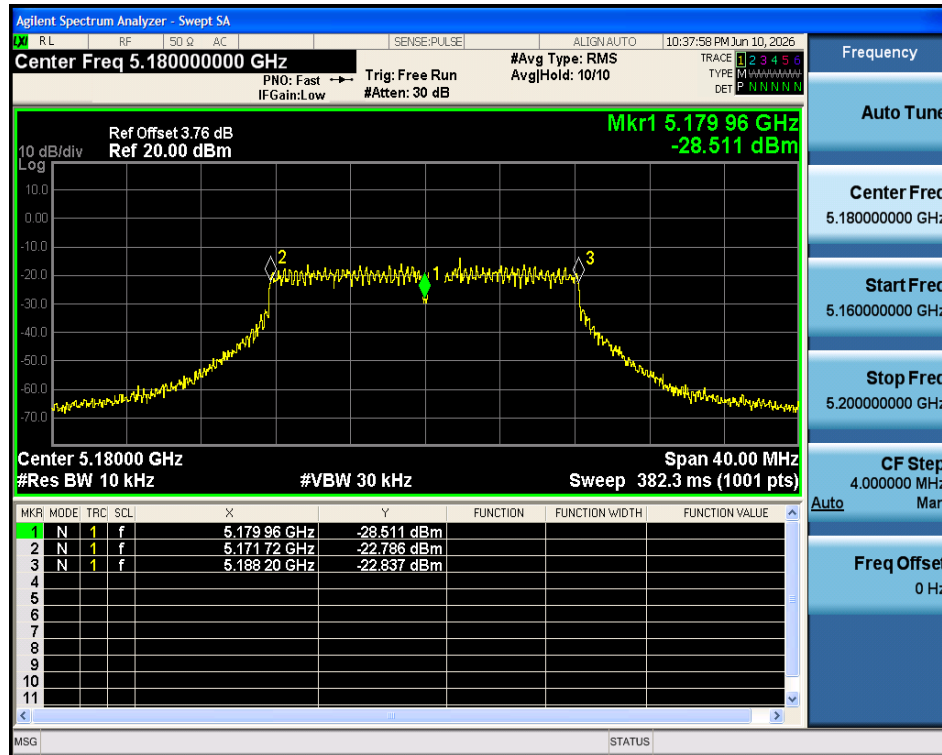
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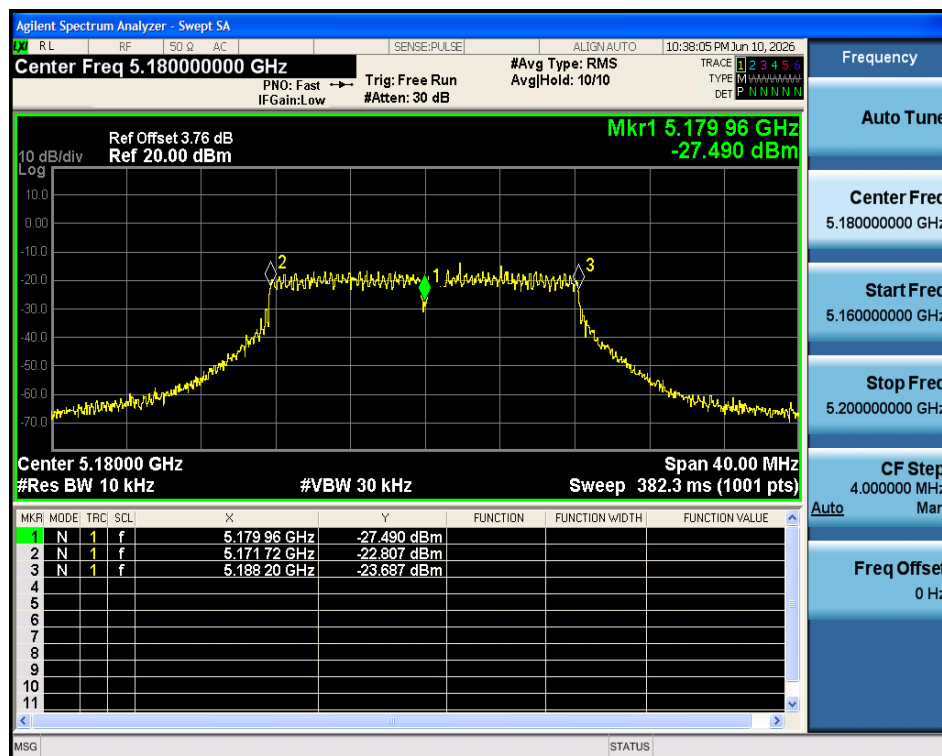
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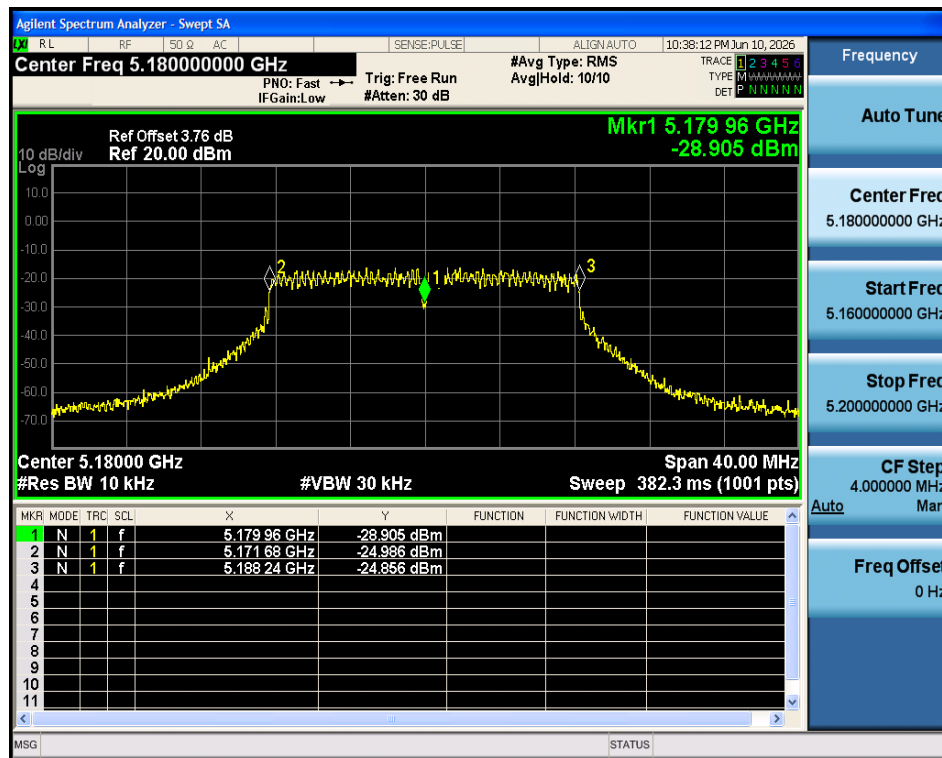
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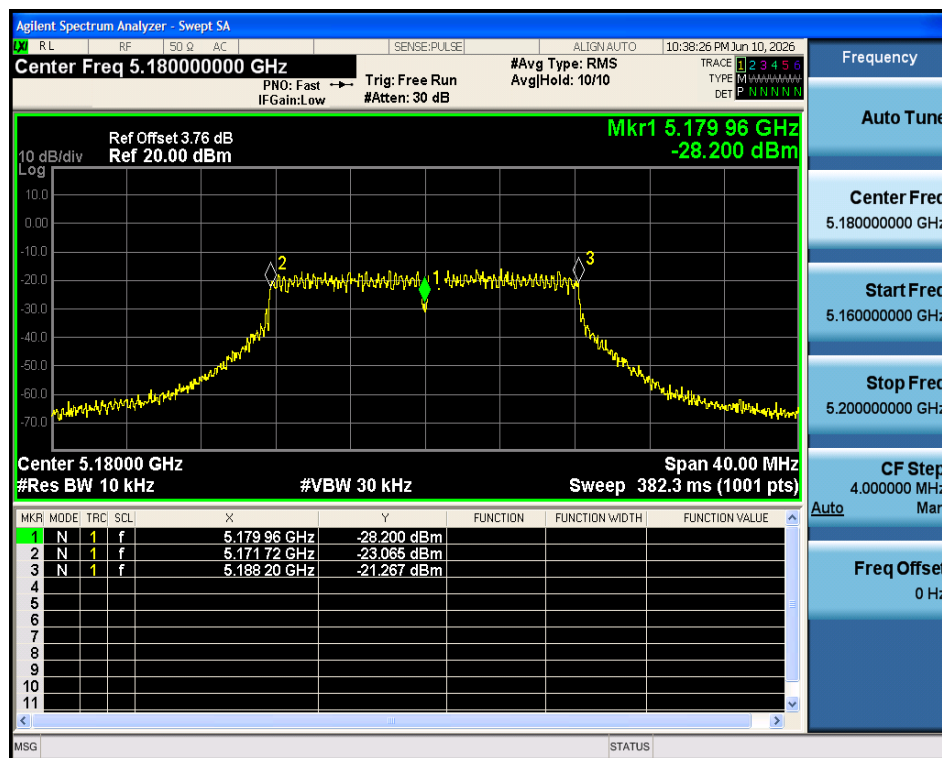
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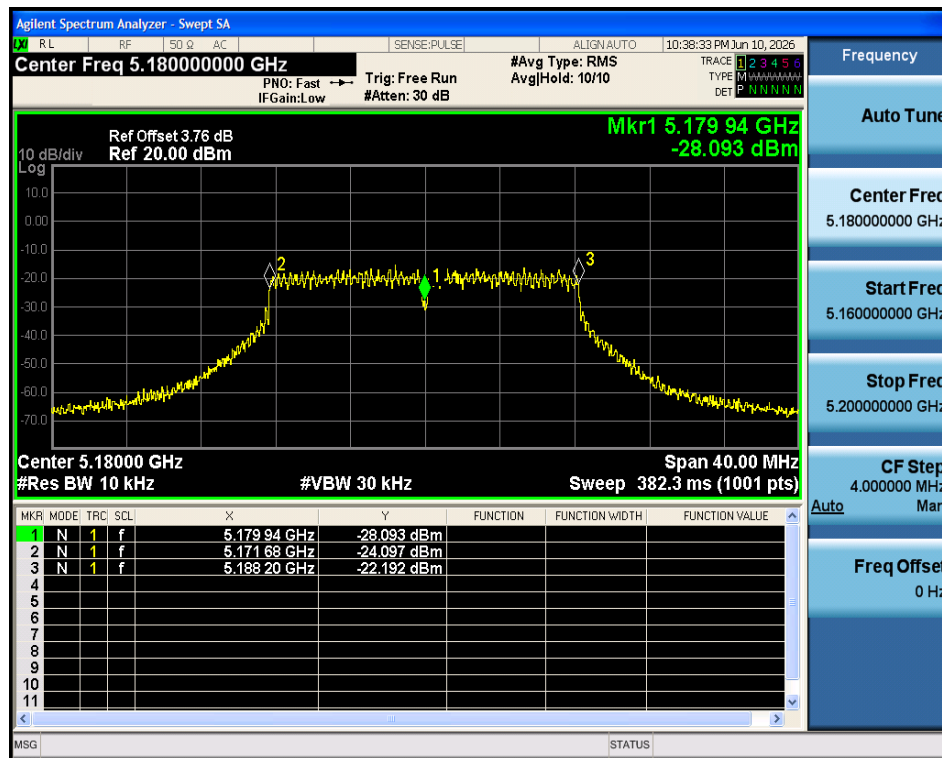
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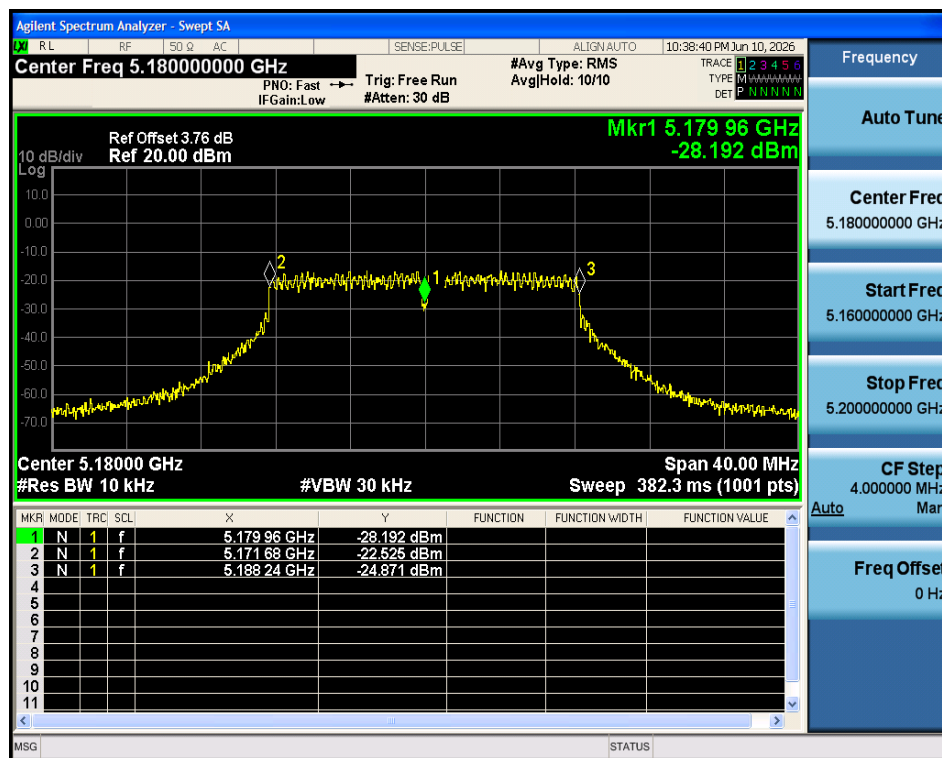
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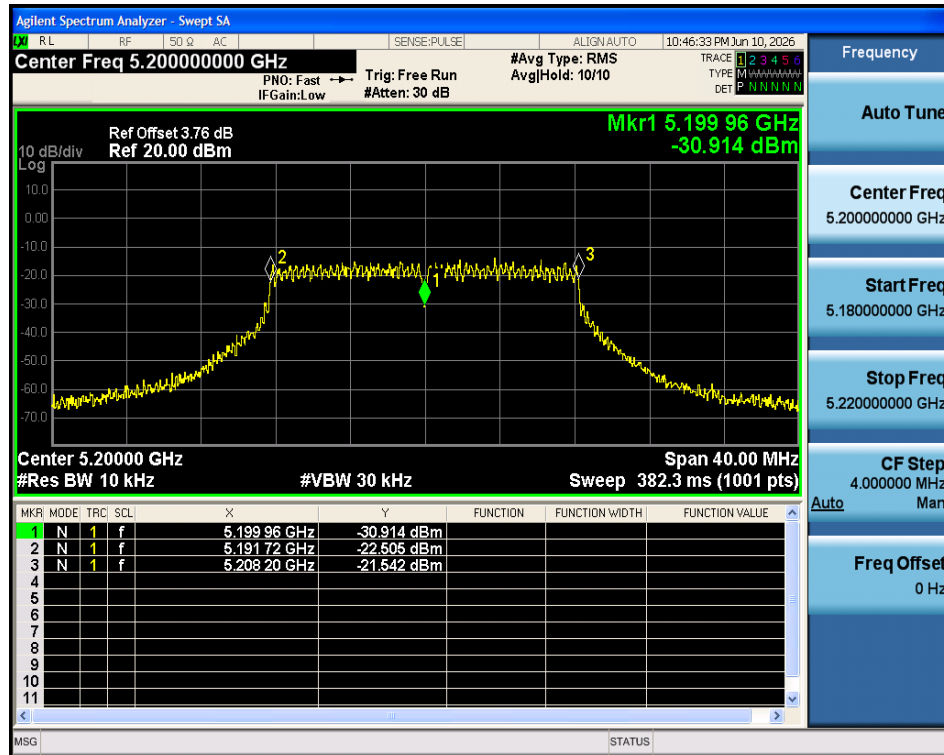
Freq. Stability 30C 5V a 5180MHz Ant1



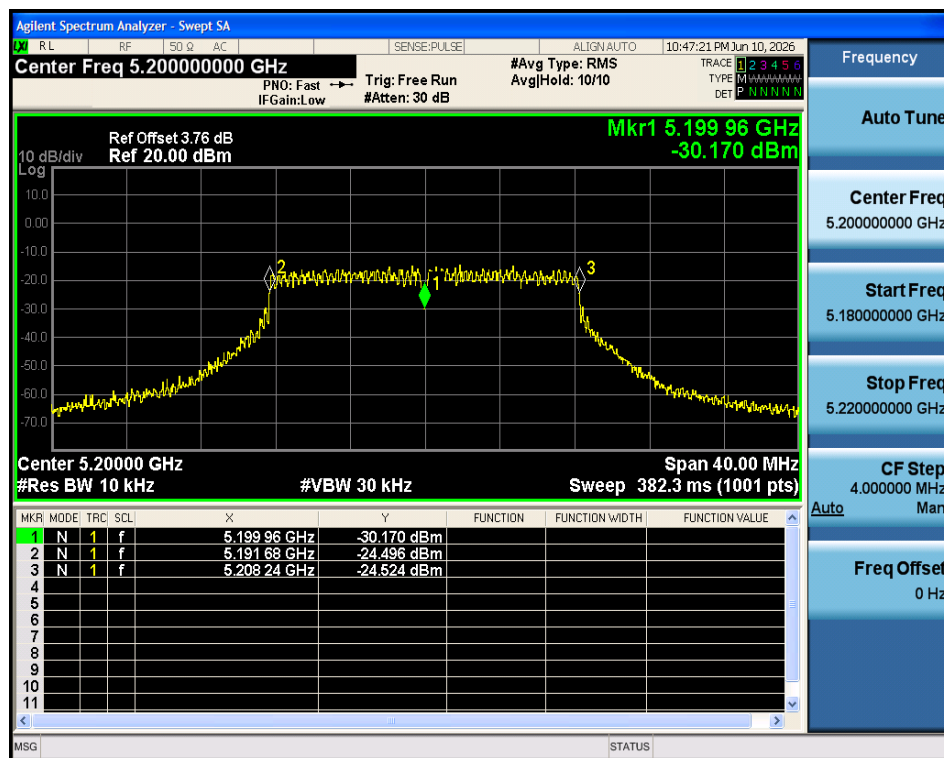
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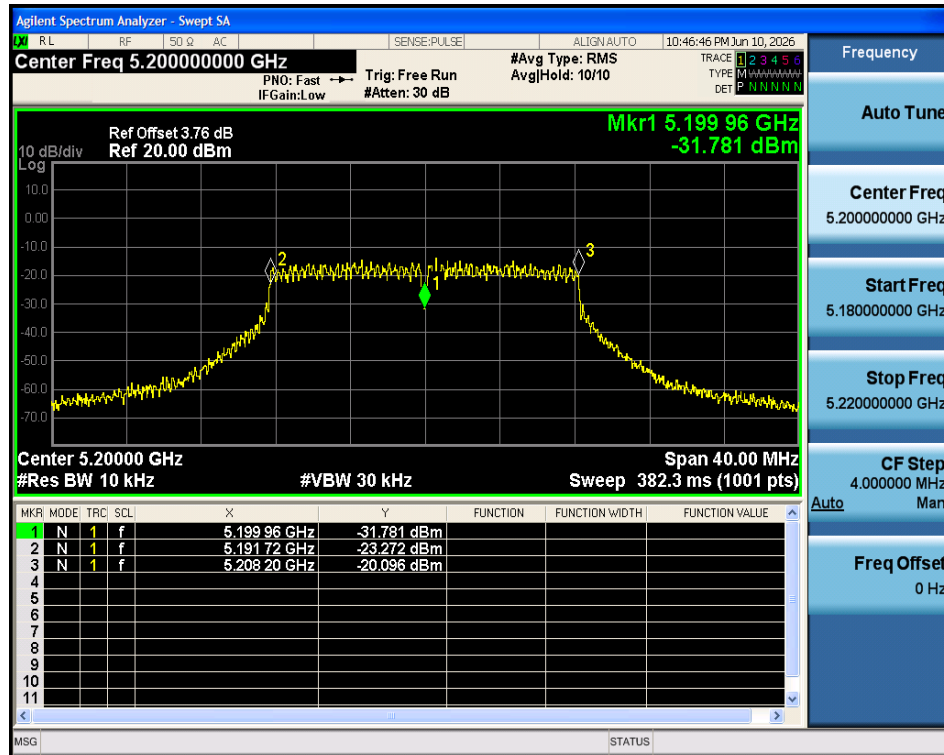
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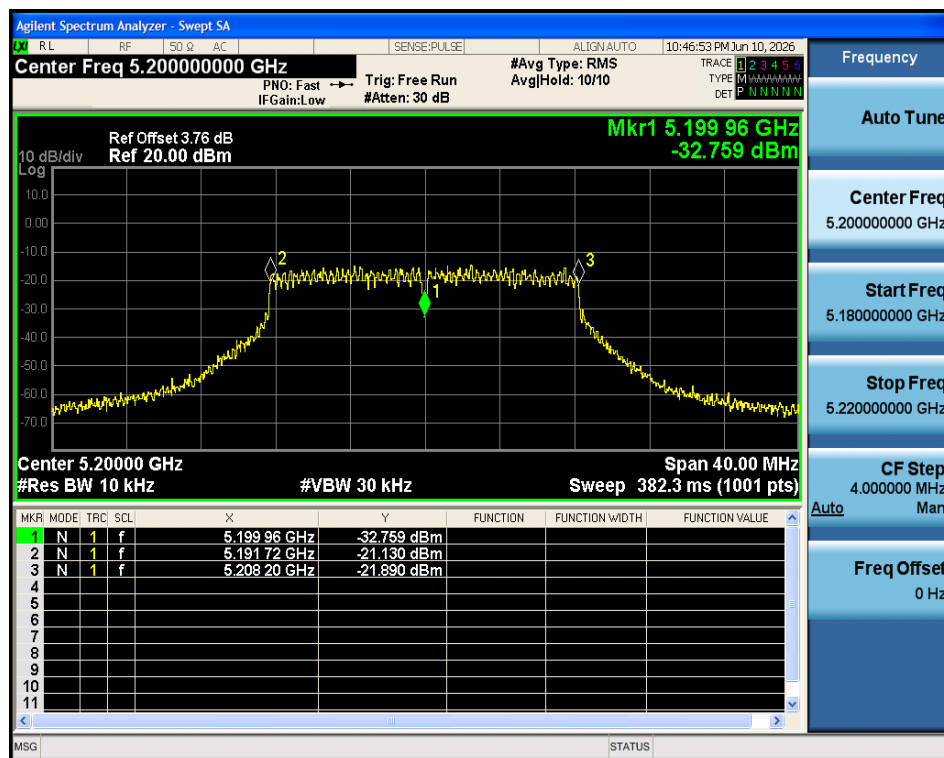
Freq. Stability 20C 4.25V a 5200MHz Ant1



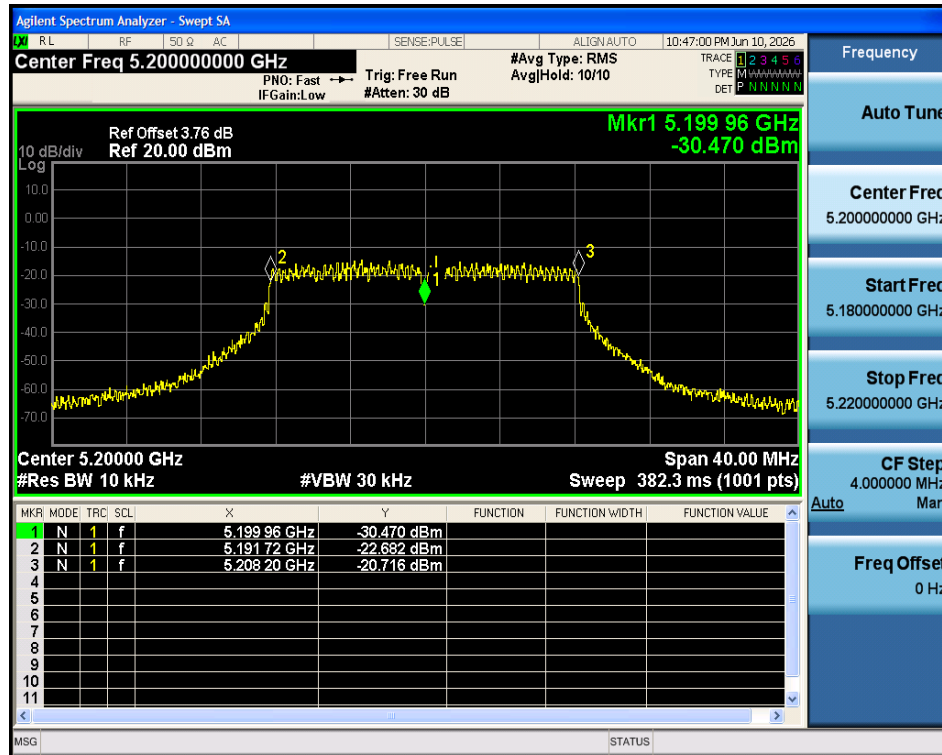
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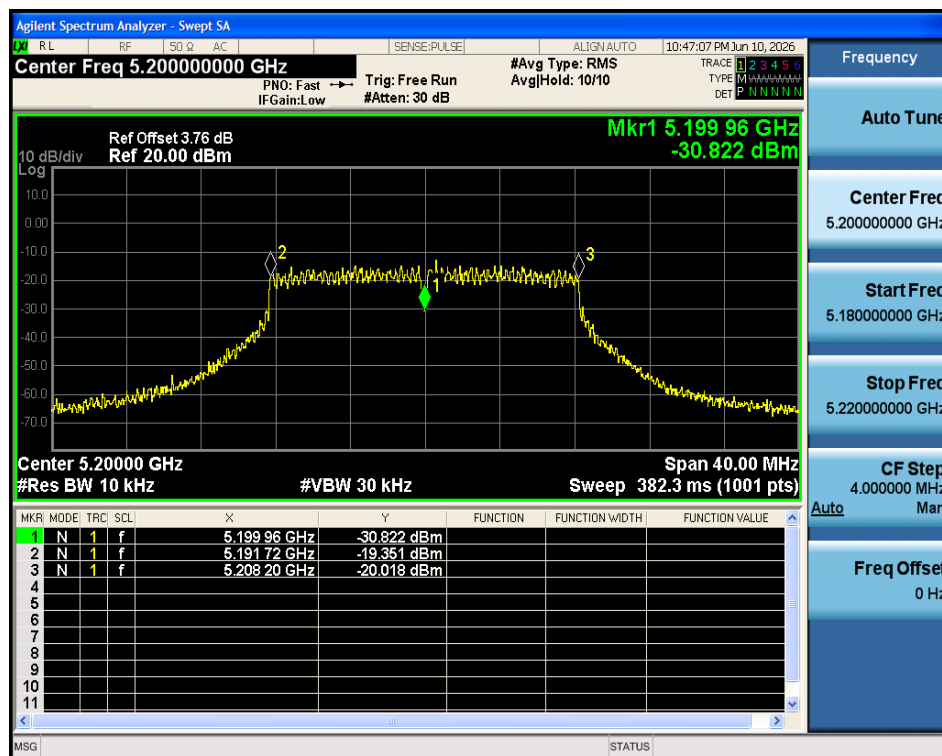
Freq. Stability 20C 5.75V a 5200MHz Ant1



Freq. Stability -20C 5V a 5200MHz Ant1



Freq. Stability -10C 5V a 5200MHz Ant1



Freq. Stability 0C 5V a 5200MHz Ant1