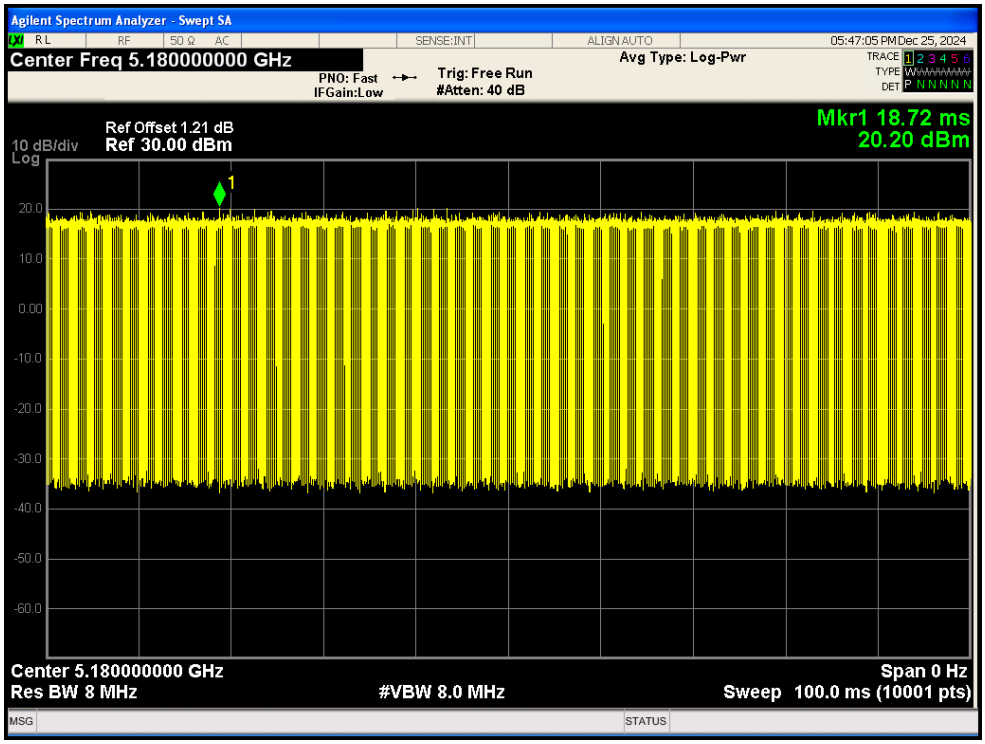
5.2G WIFI

Duty Cycle

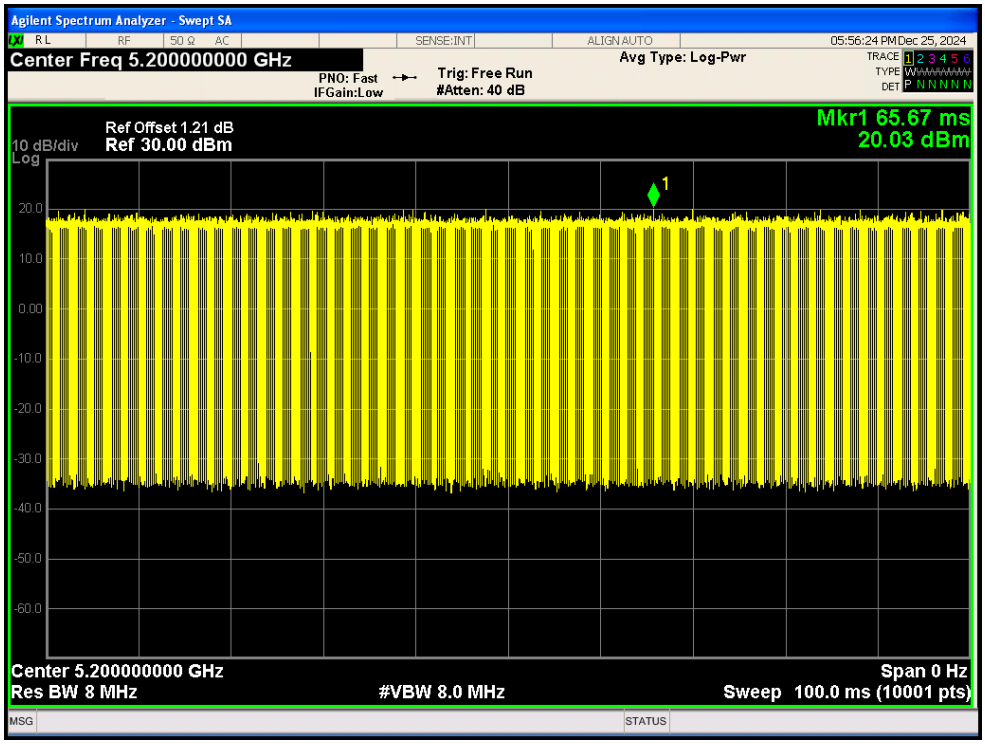
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	81.5	0.89
NVNT	a	5200	Ant1	81.56	0.89
NVNT	a	5240	Ant1	81.57	0.88
NVNT	a	5180	Ant2	81.3	0.9
NVNT	a	5200	Ant2	81.51	0.89
NVNT	a	5240	Ant2	81.39	0.89
NVNT	ac20	5180	Ant1	82.62	0.83
NVNT	ac20	5200	Ant1	82.58	0.83
NVNT	ac20	5240	Ant1	82.62	0.83
NVNT	ac20	5180	Ant2	82.81	0.82
NVNT	ac20	5200	Ant2	82.63	0.83
NVNT	ac20	5240	Ant2	82.55	0.83
NVNT	ac40	5190	Ant1	81.91	0.87
NVNT	ac40	5230	Ant1	81.86	0.87
NVNT	ac40	5190	Ant2	81.78	0.87
NVNT	ac40	5230	Ant2	81.81	0.87
NVNT	ac80	5210	Ant1	82.59	0.83
NVNT	ac80	5210	Ant2	82.51	0.83
NVNT	ax20	5180	Ant1	83.39	0.79
NVNT	ax20	5200	Ant1	83.57	0.78
NVNT	ax20	5240	Ant1	83.62	0.78
NVNT	ax20	5180	Ant2	83.84	0.77
NVNT	ax20	5200	Ant2	83.77	0.77
NVNT	ax20	5240	Ant2	83.86	0.76
NVNT	ax40	5190	Ant1	83.57	0.78
NVNT	ax40	5230	Ant1	83.76	0.77
NVNT	ax40	5190	Ant2	83.62	0.78
NVNT	ax40	5230	Ant2	83.78	0.77
NVNT	ax80	5210	Ant1	83.96	0.76
NVNT	ax80	5210	Ant2	84	0.76
NVNT	n20	5180	Ant1	83.48	0.78
NVNT	n20	5200	Ant1	83.5	0.78
NVNT	n20	5240	Ant1	83.54	0.78
NVNT	n20	5180	Ant2	83.65	0.78
NVNT	n20	5200	Ant2	83.58	0.78
NVNT	n20	5240	Ant2	83.7	0.77
NVNT	n40	5190	Ant1	83.78	0.77
NVNT	n40	5230	Ant1	83.75	0.77
NVNT	n40	5190	Ant2	83.9	0.76

NVNT	n40	5230	Ant2	83.87	0.76

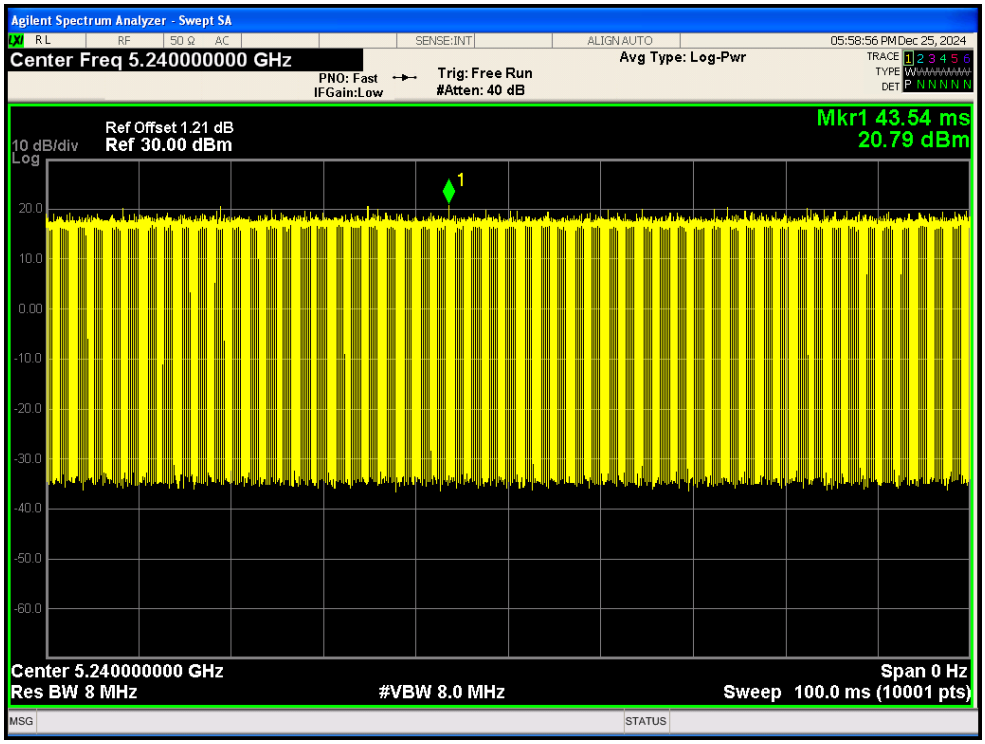
Duty Cycle NVNT a 5180MHz Ant1



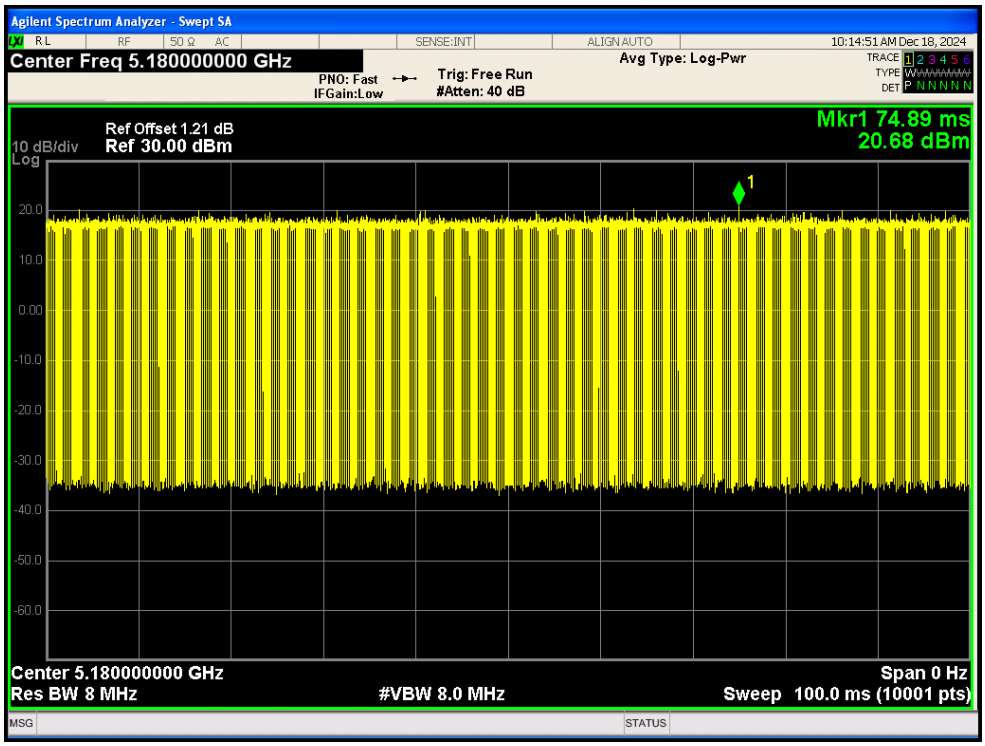
Duty Cycle NVNT a 5200MHz Ant1



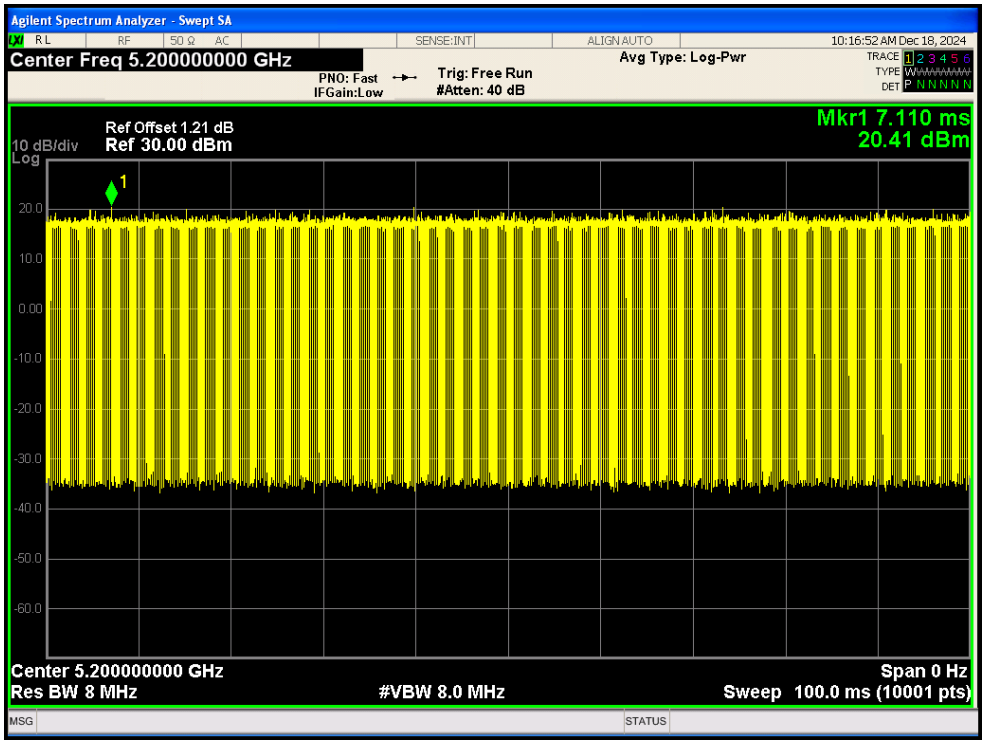
Duty Cycle NVNT a 5240MHz Ant1



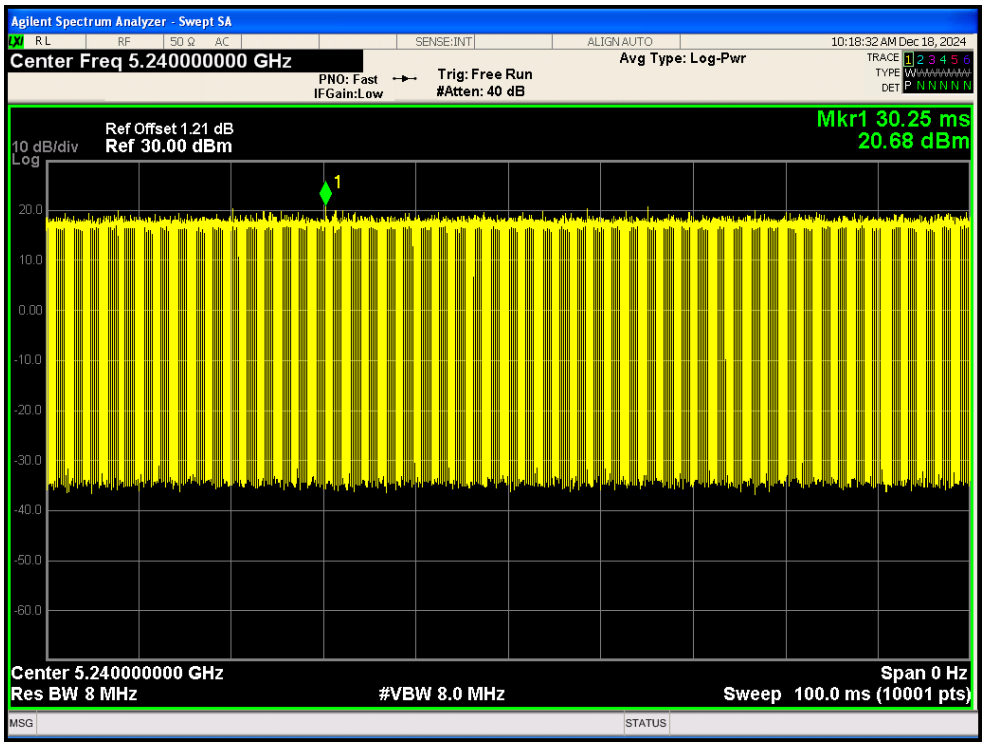
Duty Cycle NVNT a 5180MHz Ant2



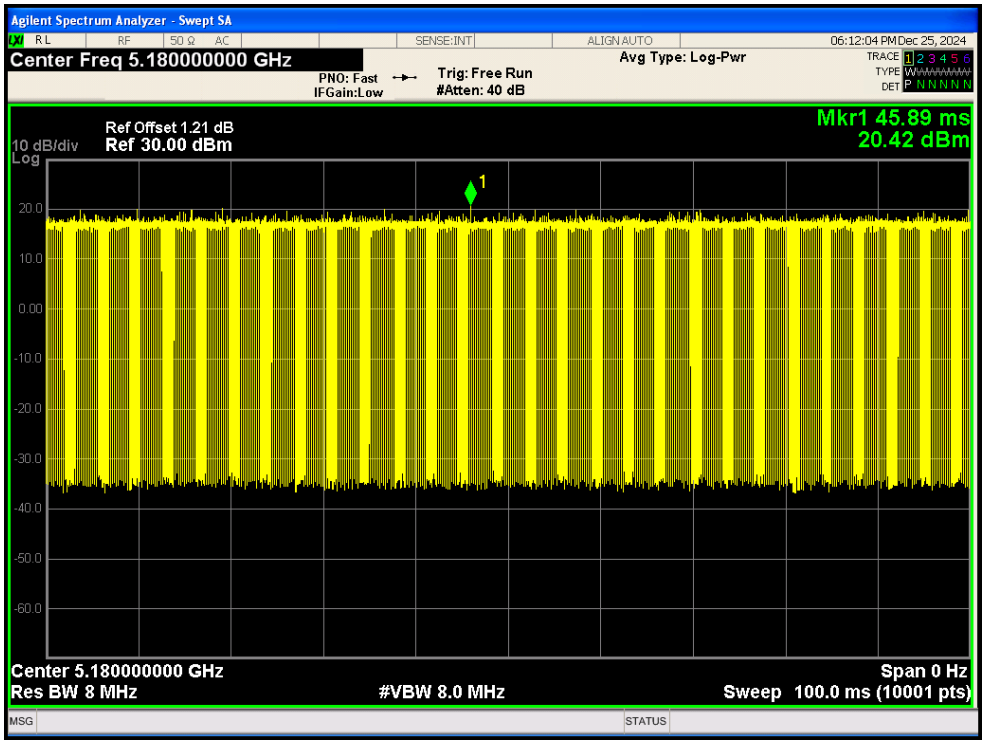
Duty Cycle NVNT a 5200MHz Ant2



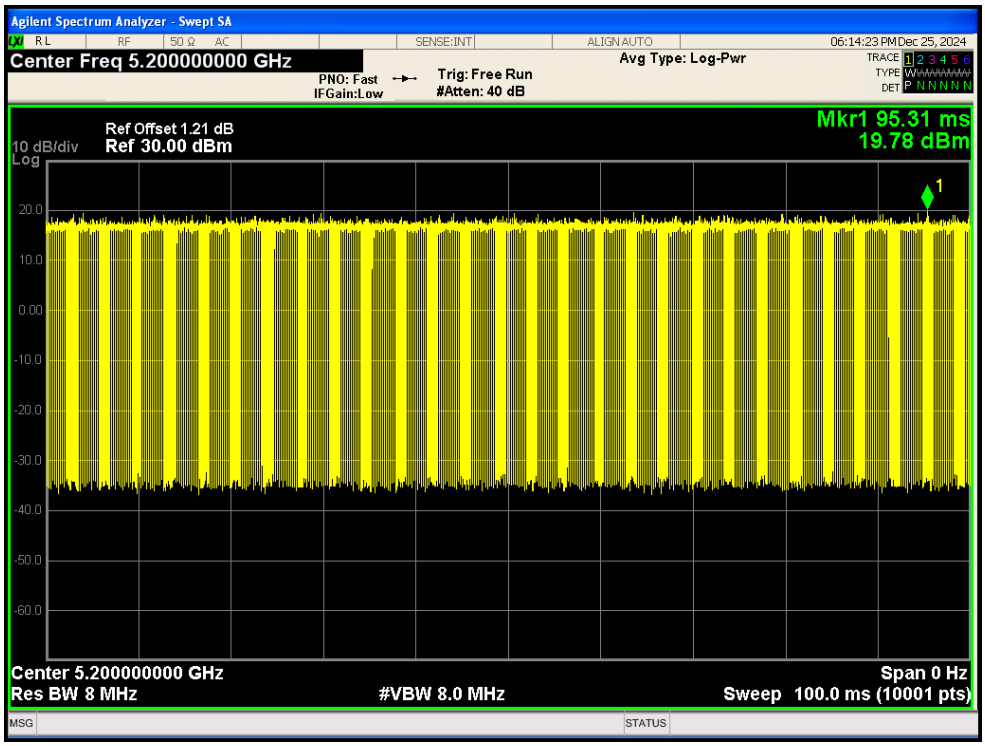
Duty Cycle NVNT a 5240MHz Ant2



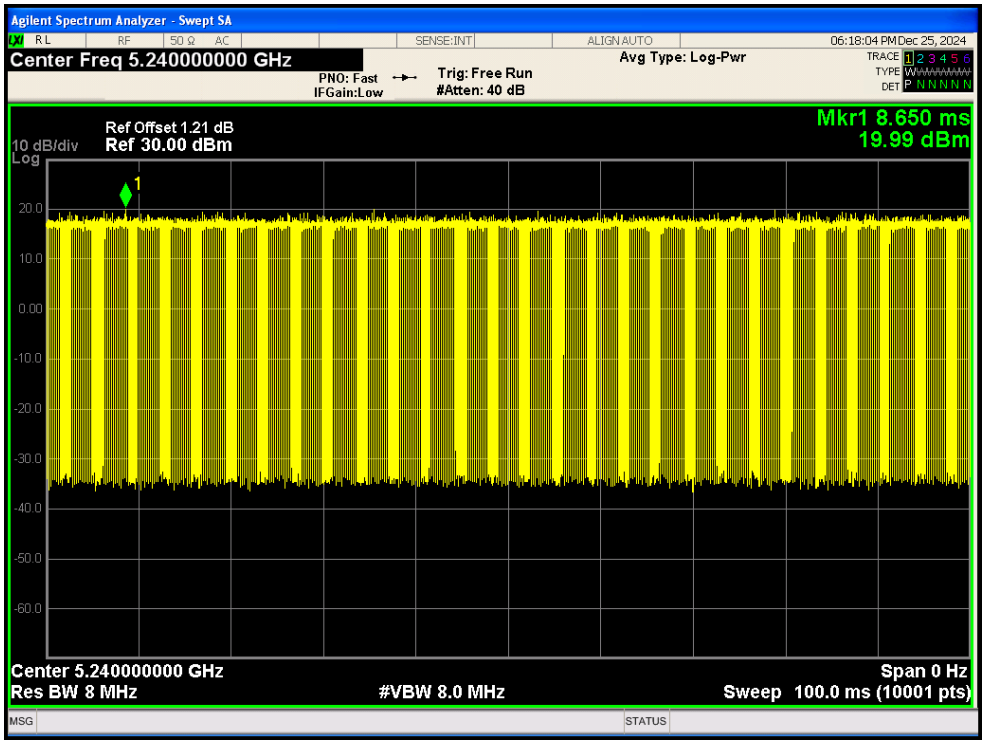
Duty Cycle NVNT ac20 5180MHz Ant1



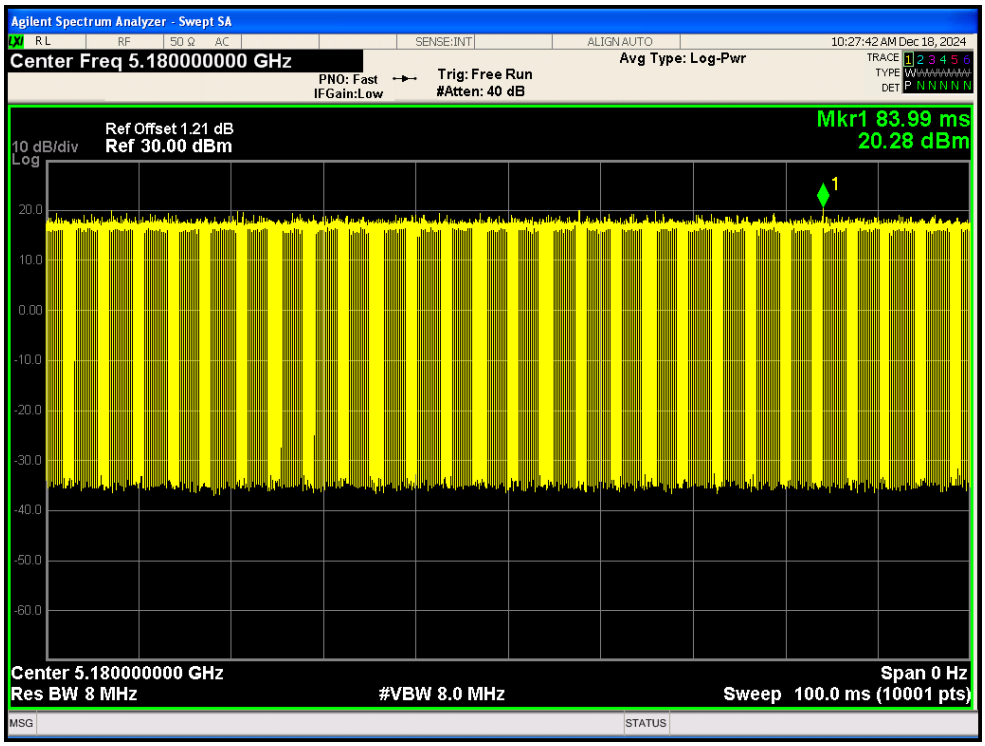
Duty Cycle NVNT ac20 5200MHz Ant1



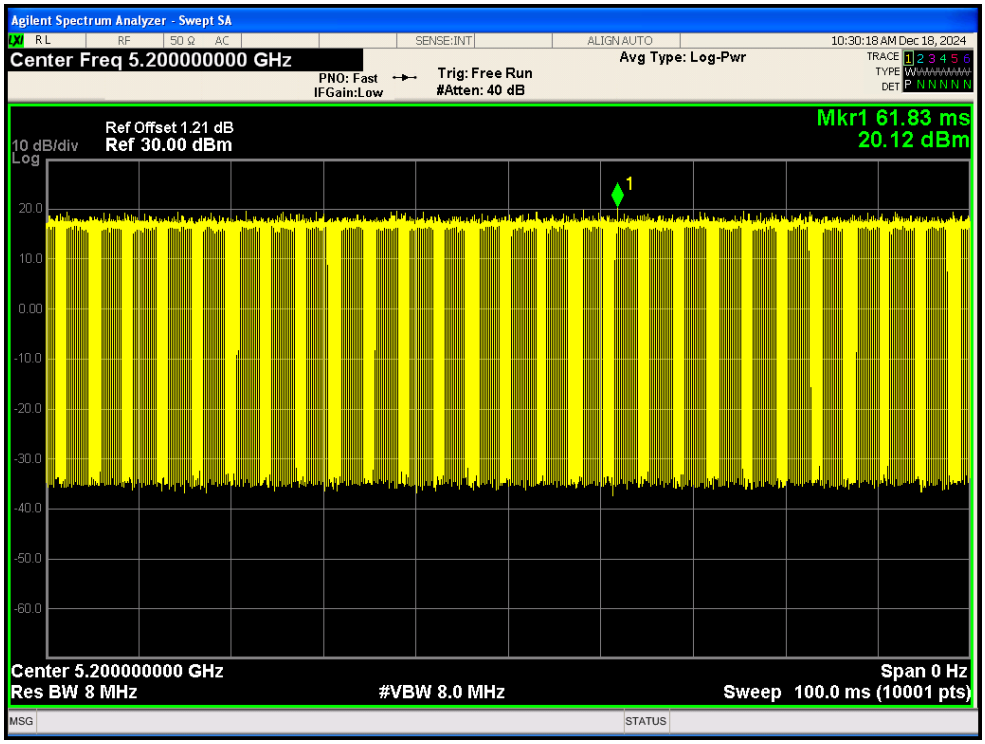
Duty Cycle NVNT ac20 5240MHz Ant1



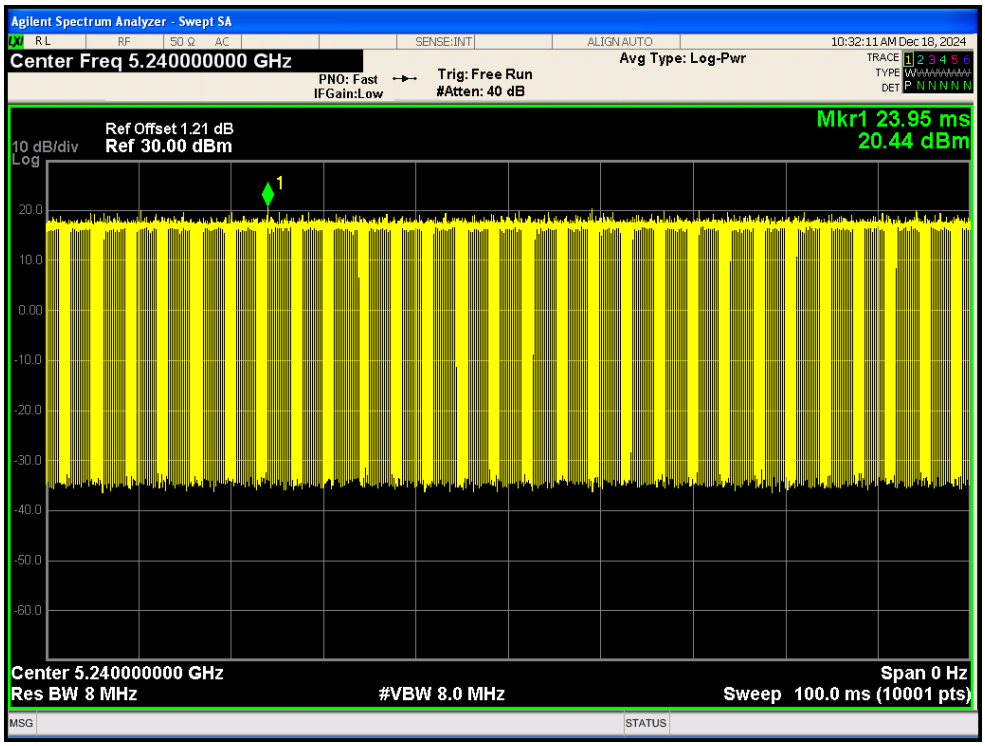
Duty Cycle NVNT ac20 5180MHz Ant2



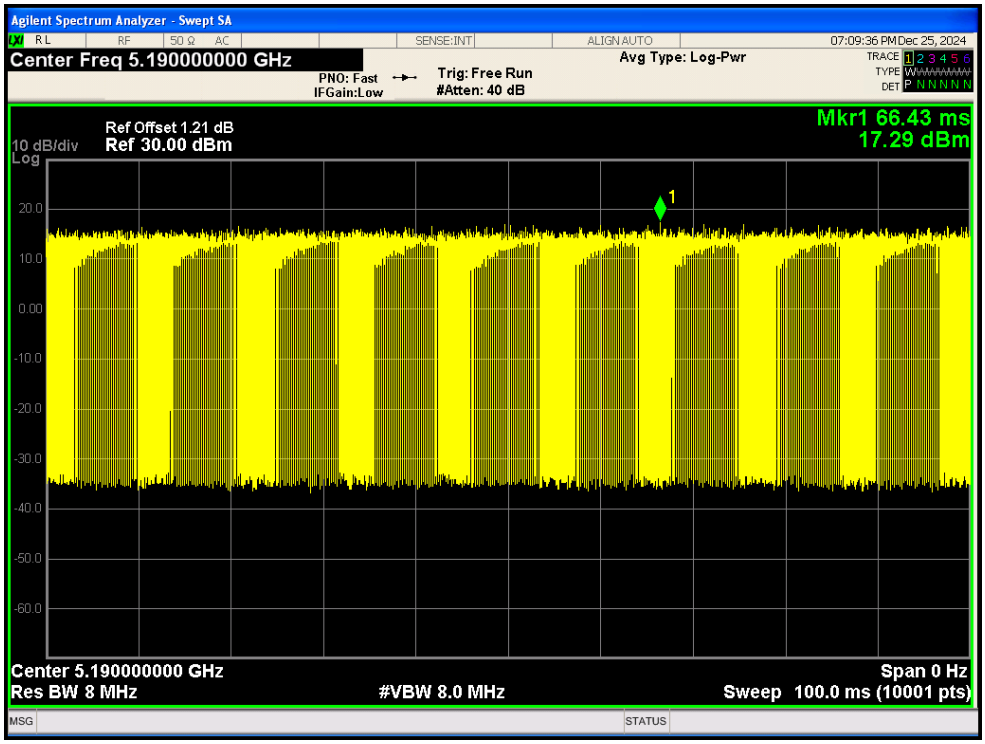
Duty Cycle NVNT ac20 5200MHz Ant2



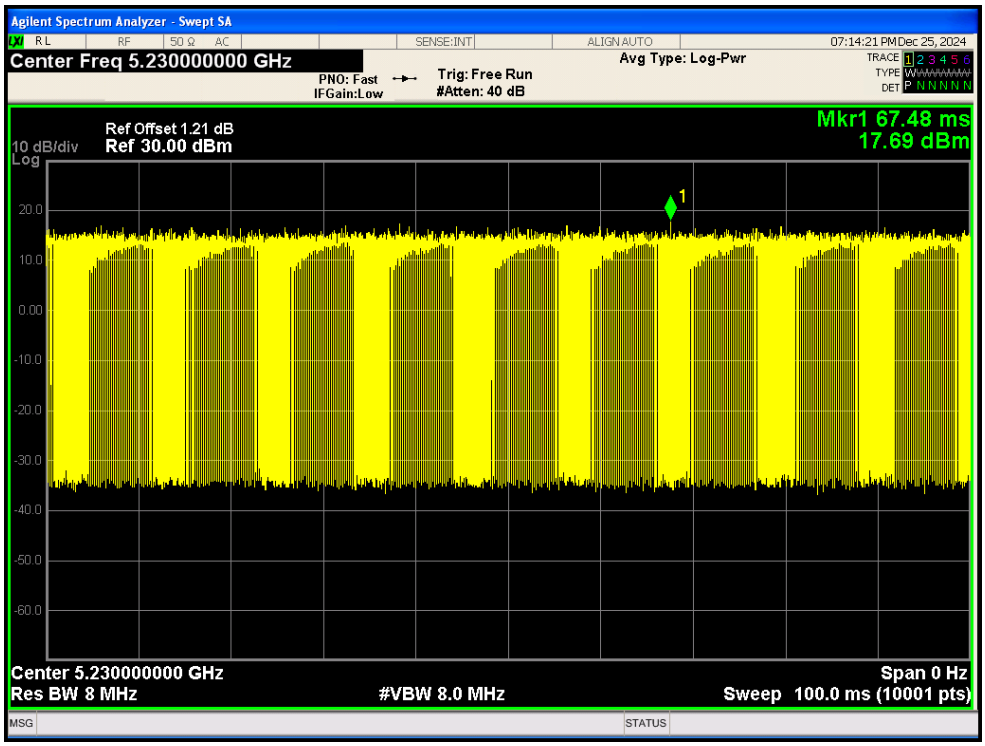
Duty Cycle NVNT ac20 5240MHz Ant2



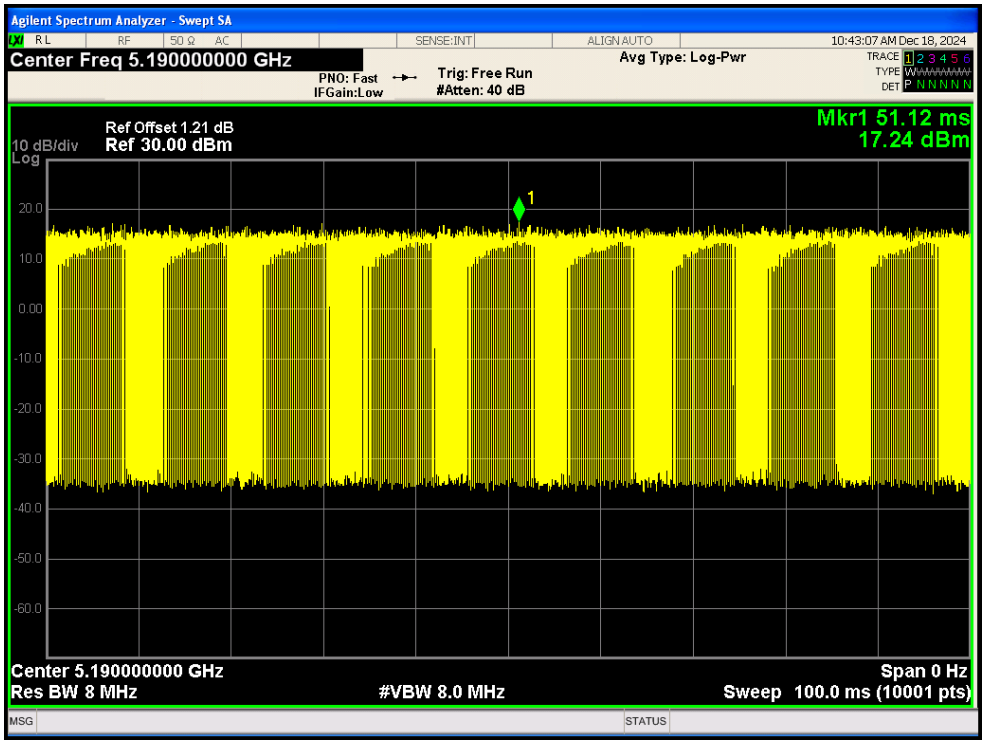
Duty Cycle NVNT ac40 5190MHz Ant1



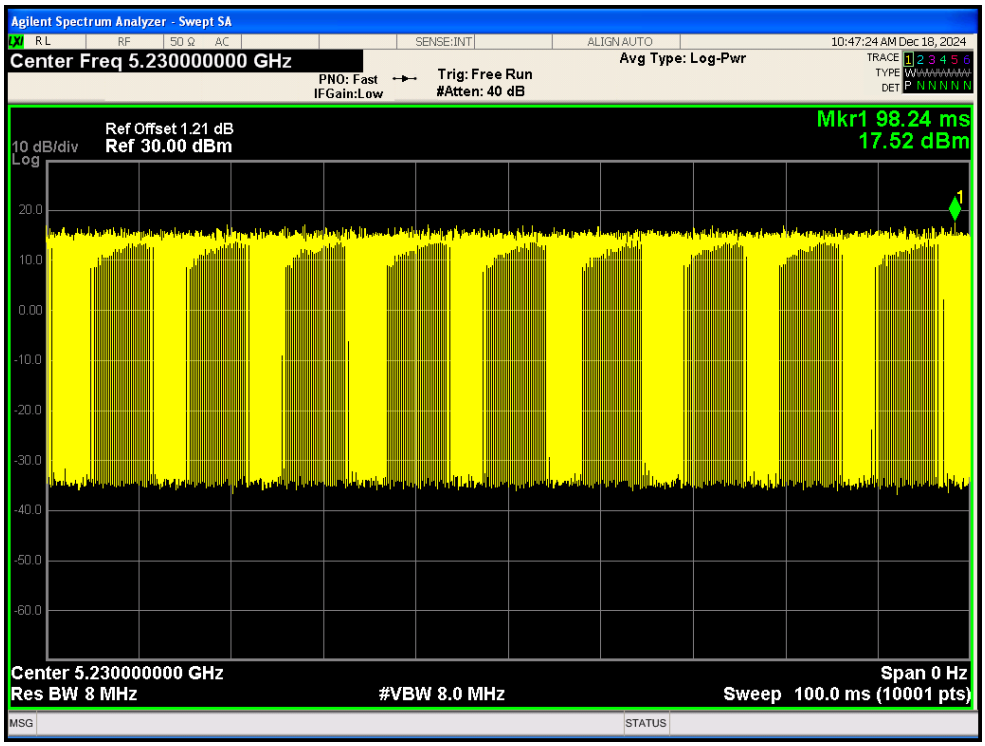
Duty Cycle NVNT ac40 5230MHz Ant1



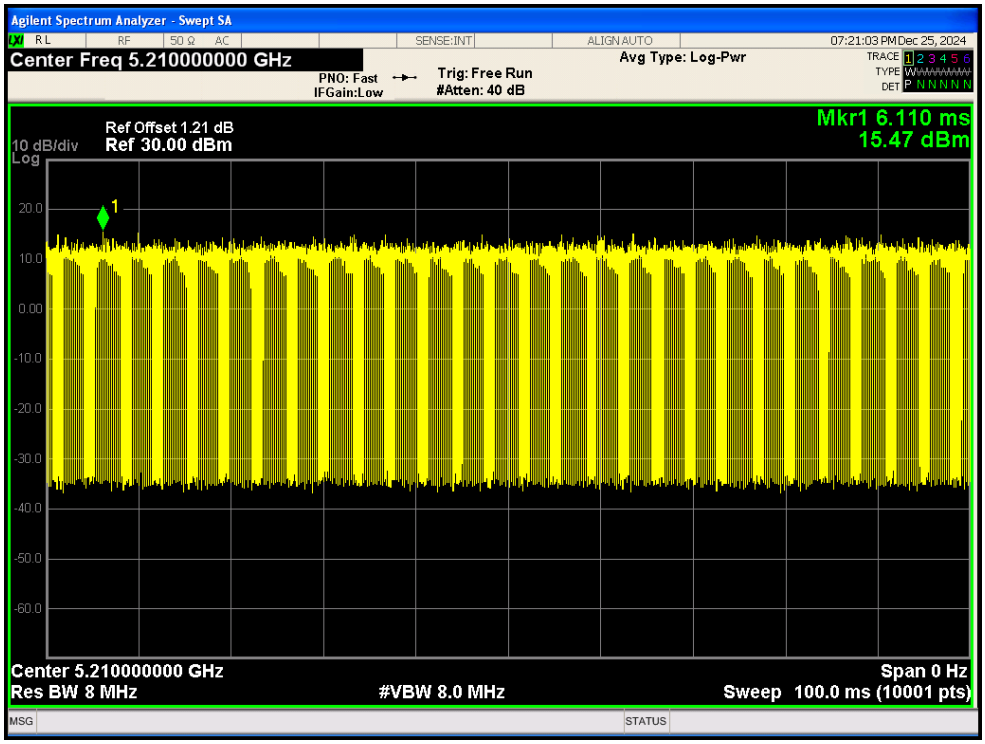
Duty Cycle NVNT ac40 5190MHz Ant2



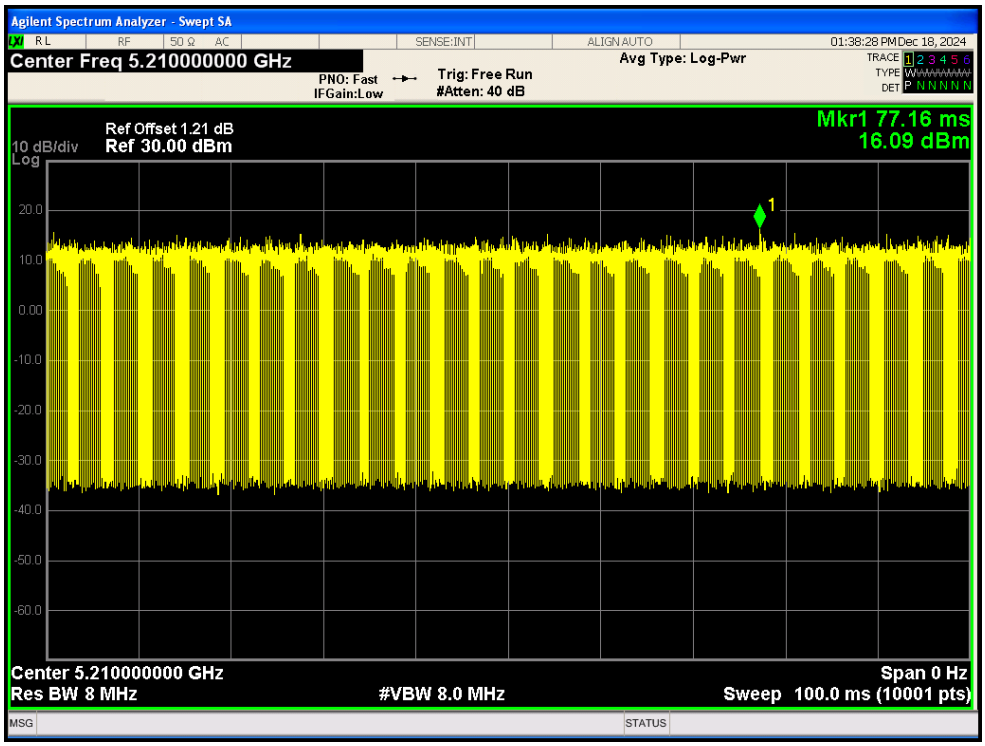
Duty Cycle NVNT ac40 5230MHz Ant2



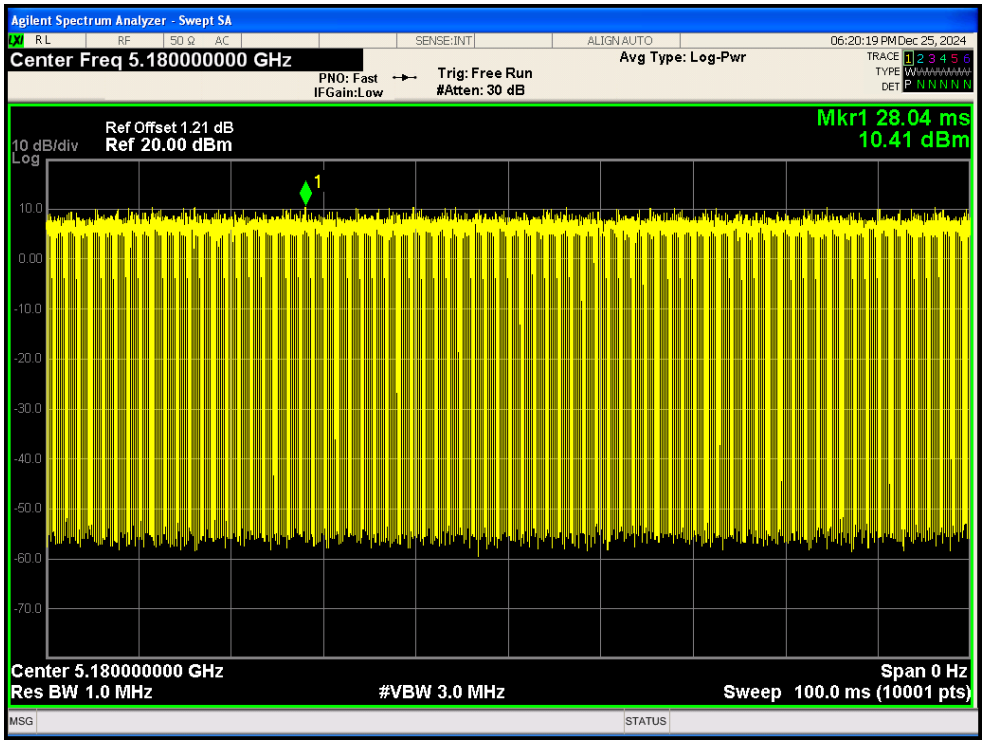
Duty Cycle NVNT ac80 5210MHz Ant1



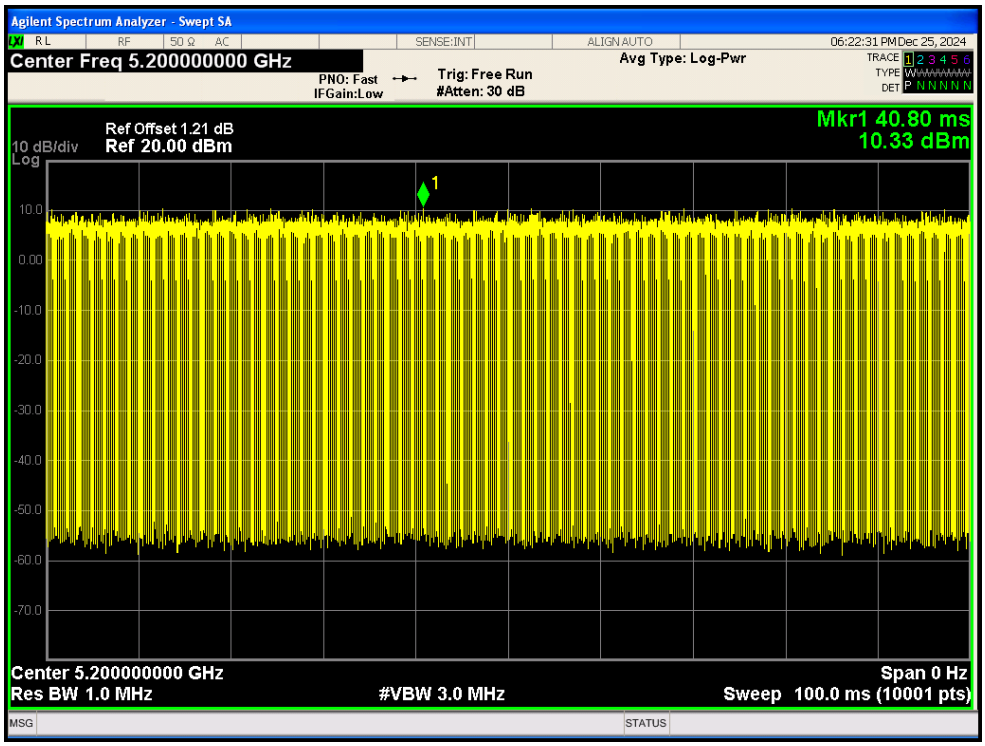
Duty Cycle NVNT ac80 5210MHz Ant2



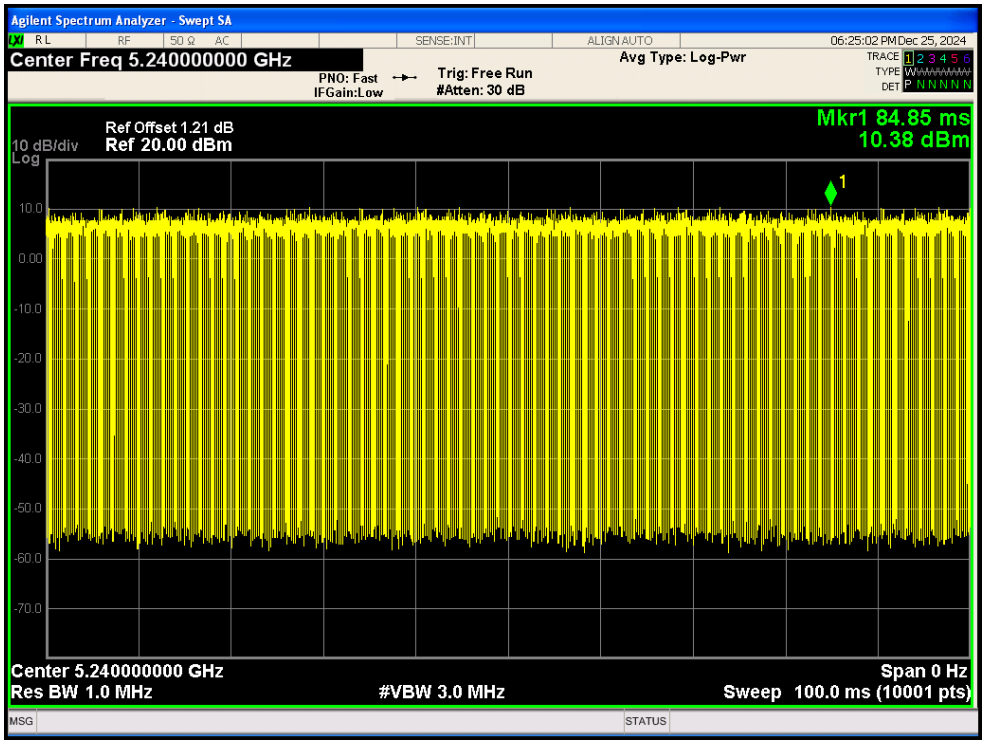
Duty Cycle NVNT ax20 5180MHz Ant1



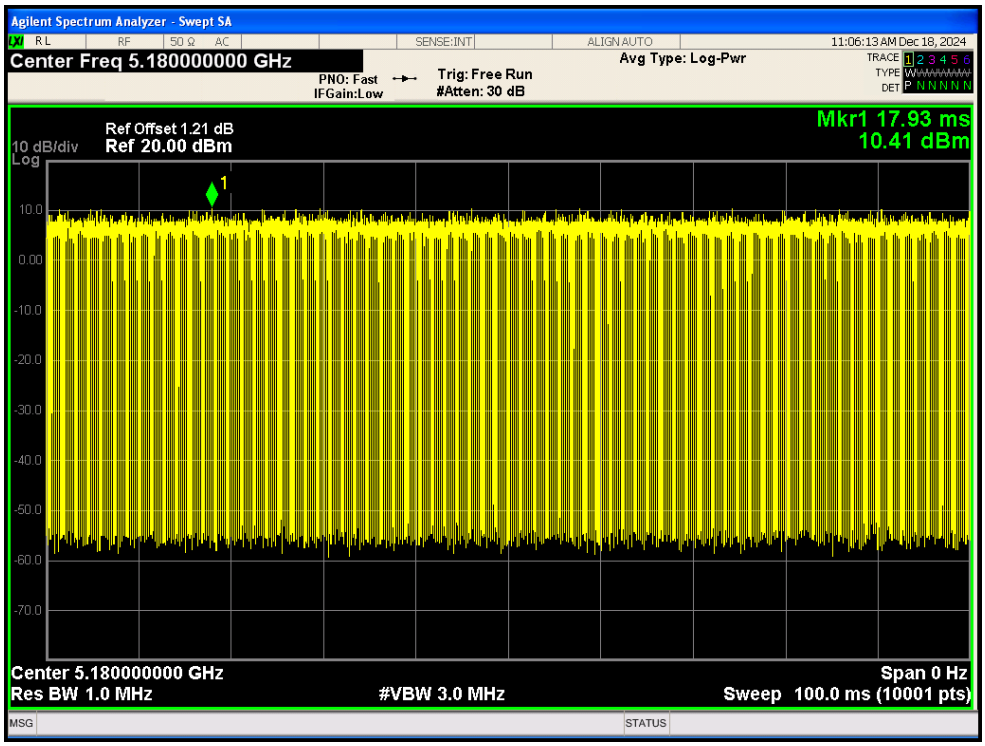
Duty Cycle NVNT ax20 5200MHz Ant1



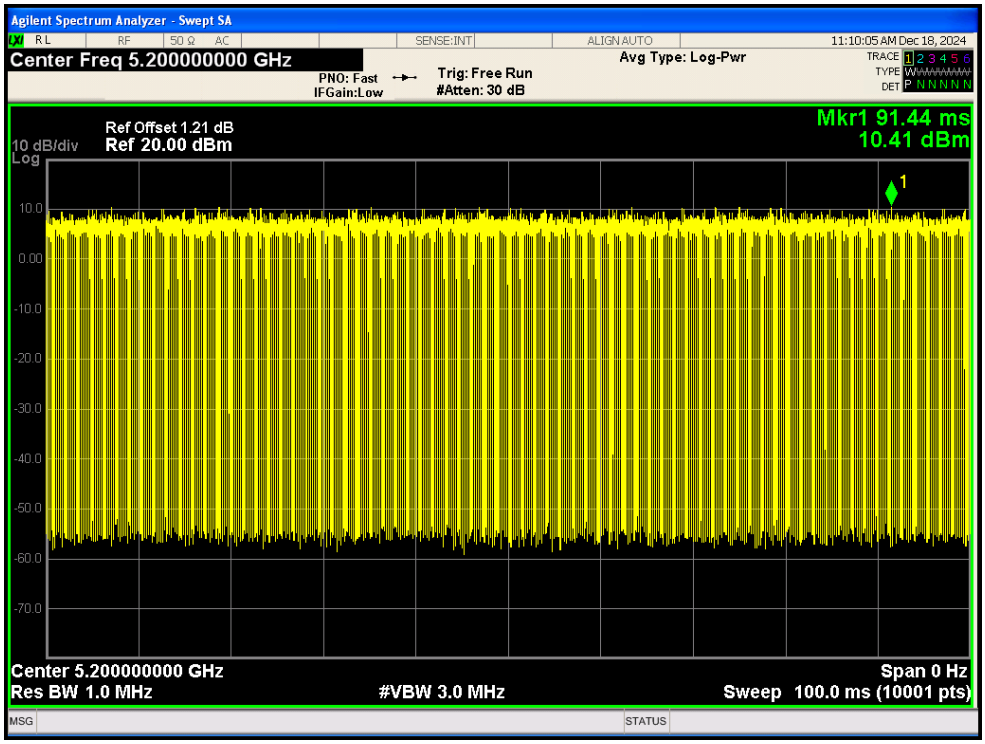
Duty Cycle NVNT ax20 5240MHz Ant1



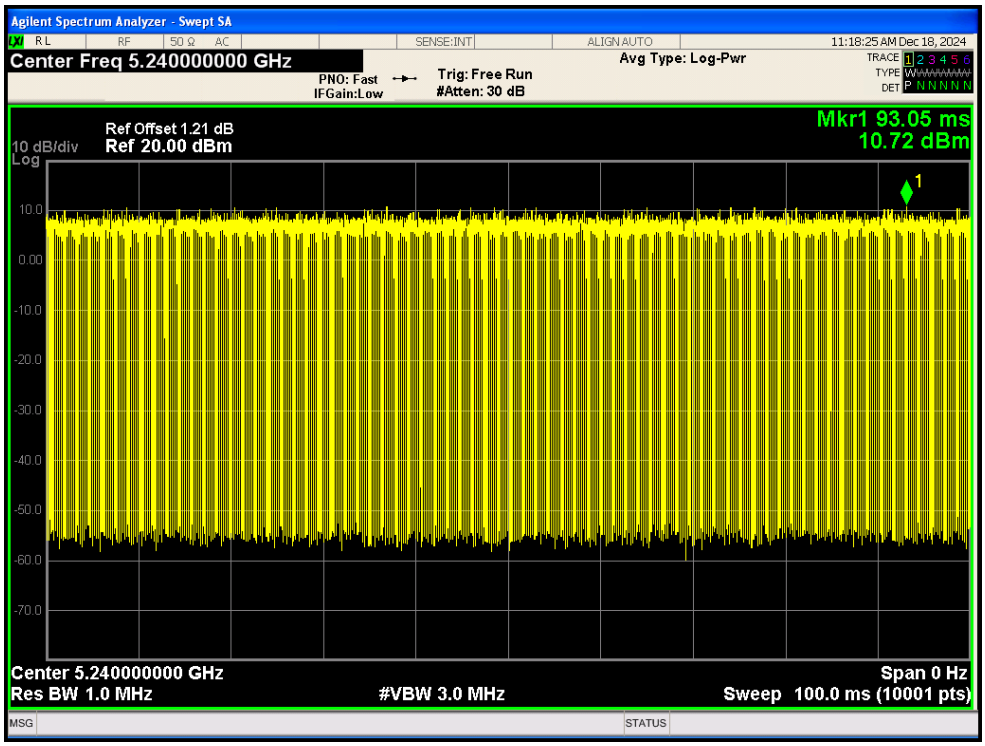
Duty Cycle NVNT ax20 5180MHz Ant2



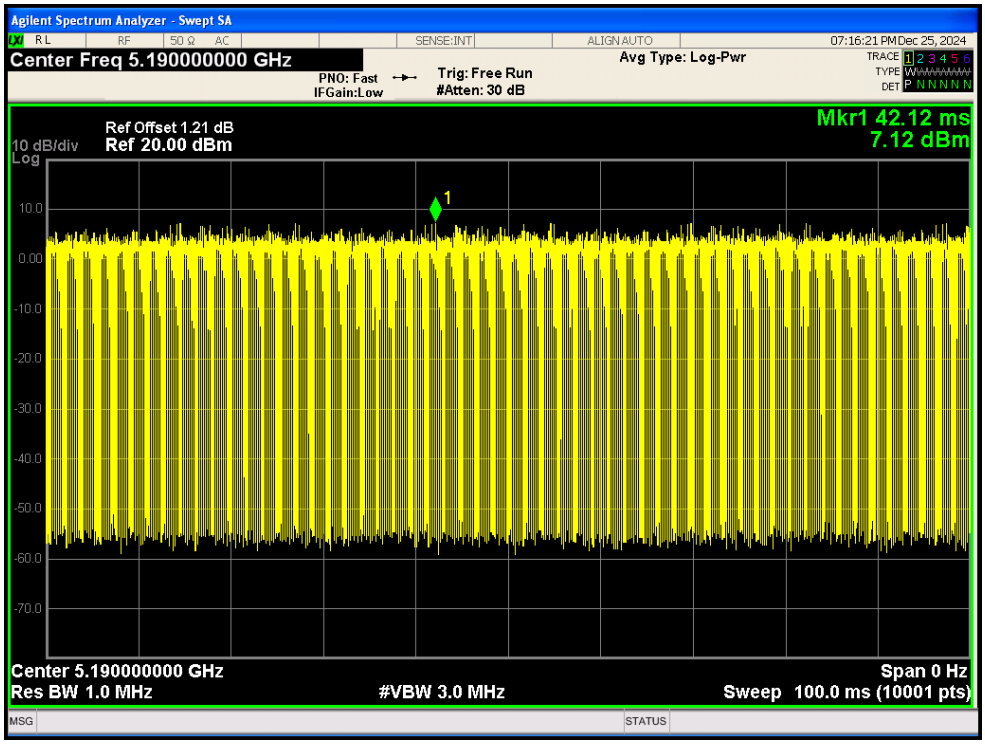
Duty Cycle NVNT ax20 5200MHz Ant2



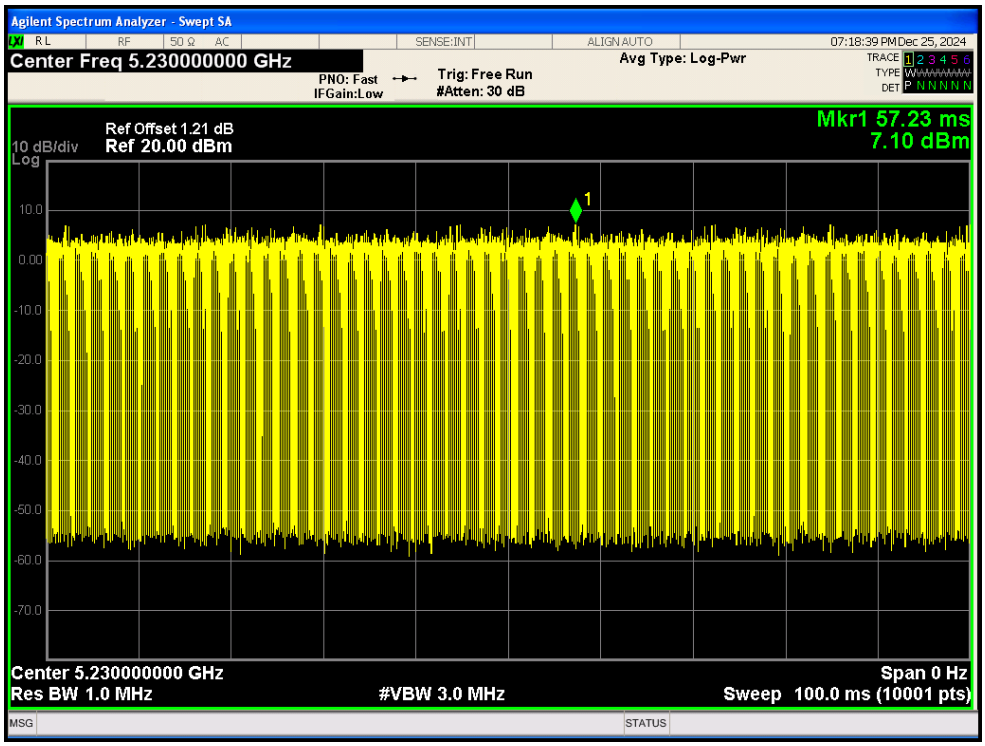
Duty Cycle NVNT ax20 5240MHz Ant2



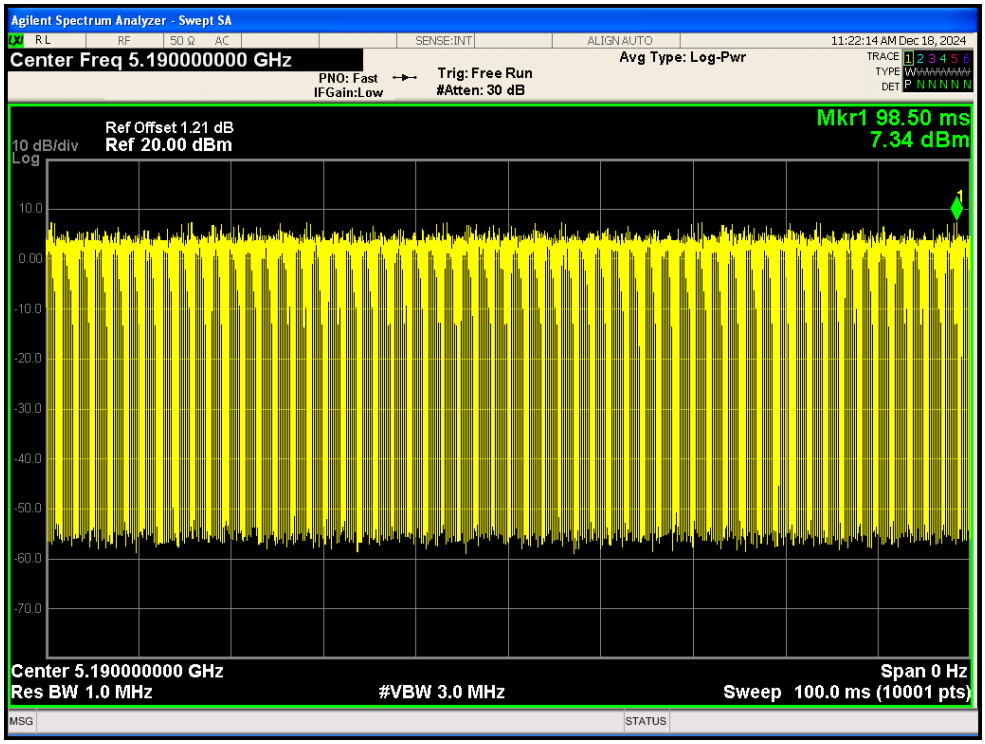
Duty Cycle NVNT ax40 5190MHz Ant1



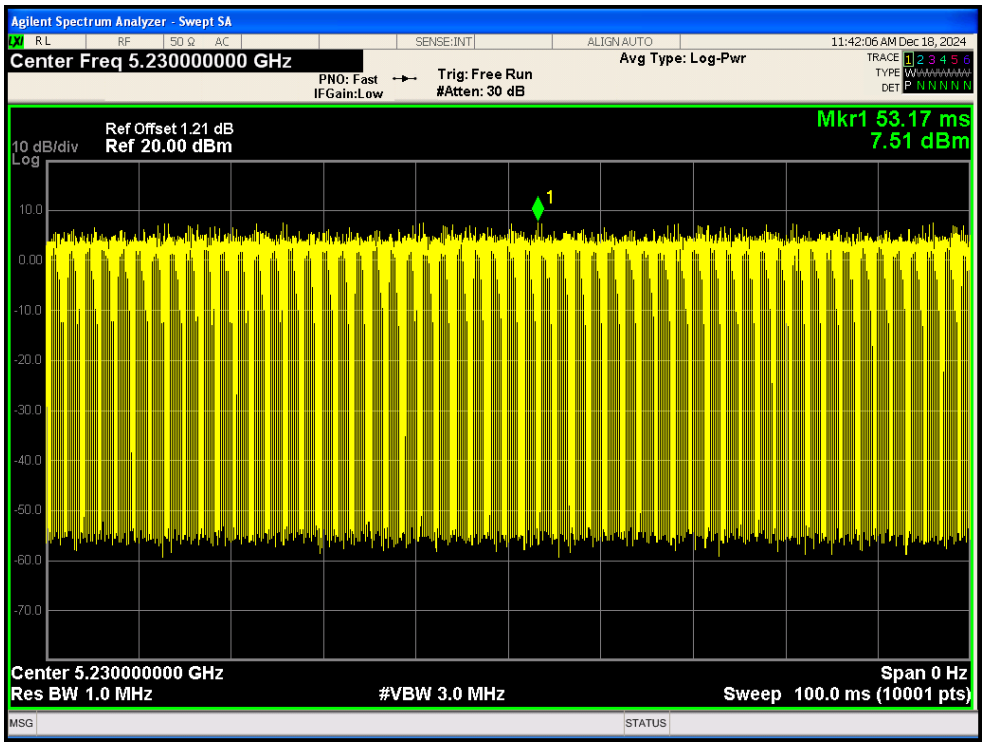
Duty Cycle NVNT ax40 5230MHz Ant1



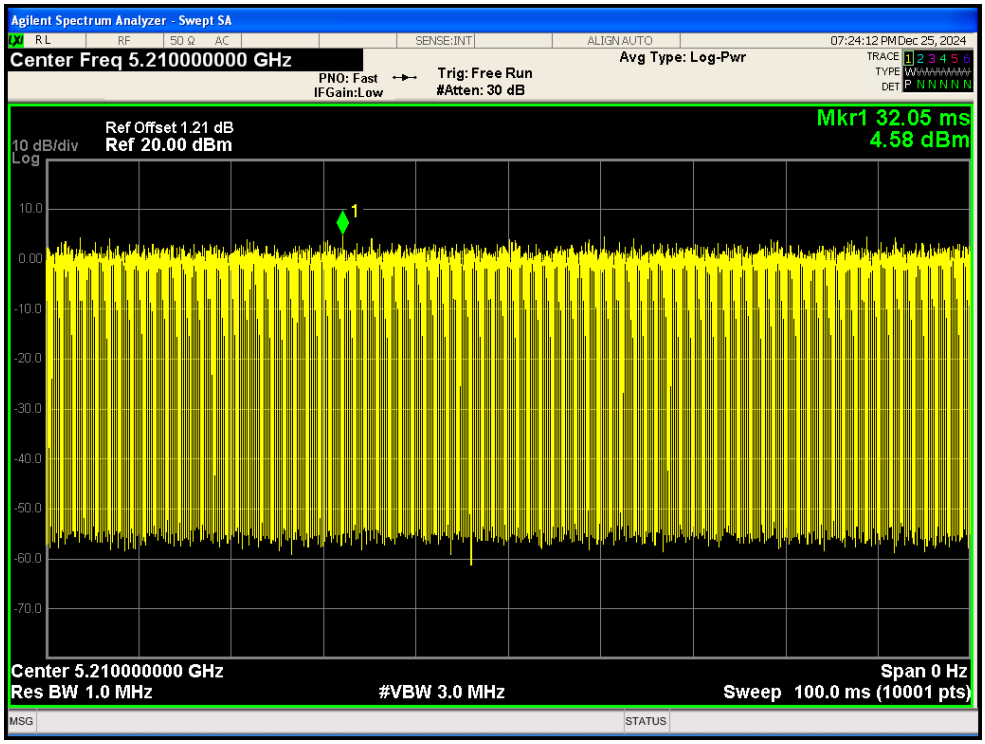
Duty Cycle NVNT ax40 5190MHz Ant2



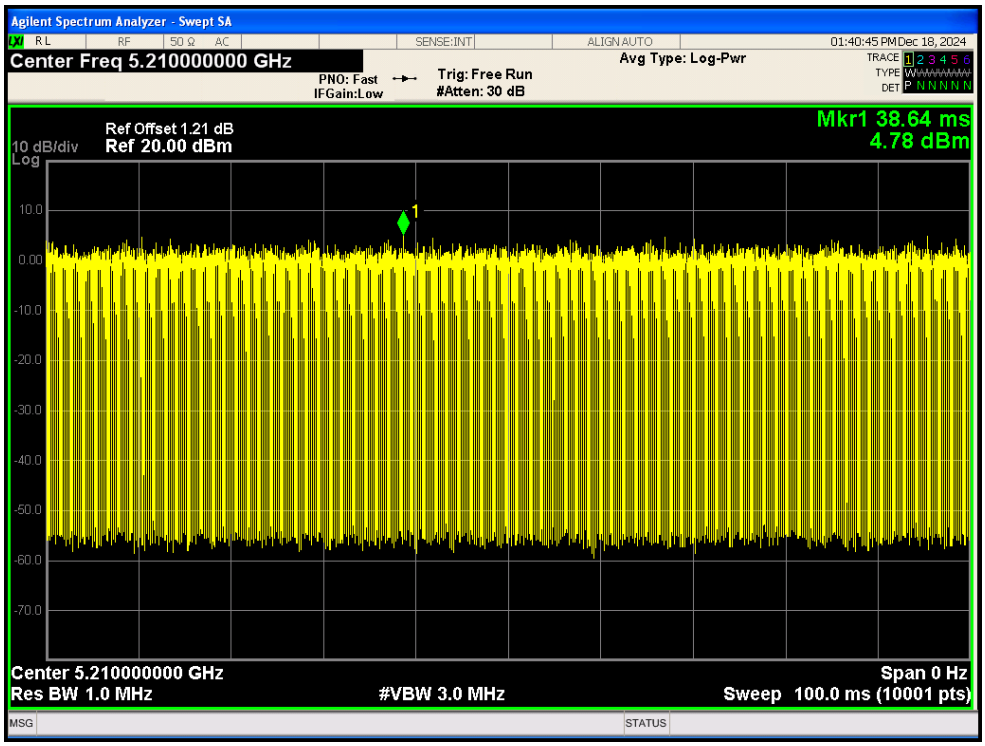
Duty Cycle NVNT ax40 5230MHz Ant2



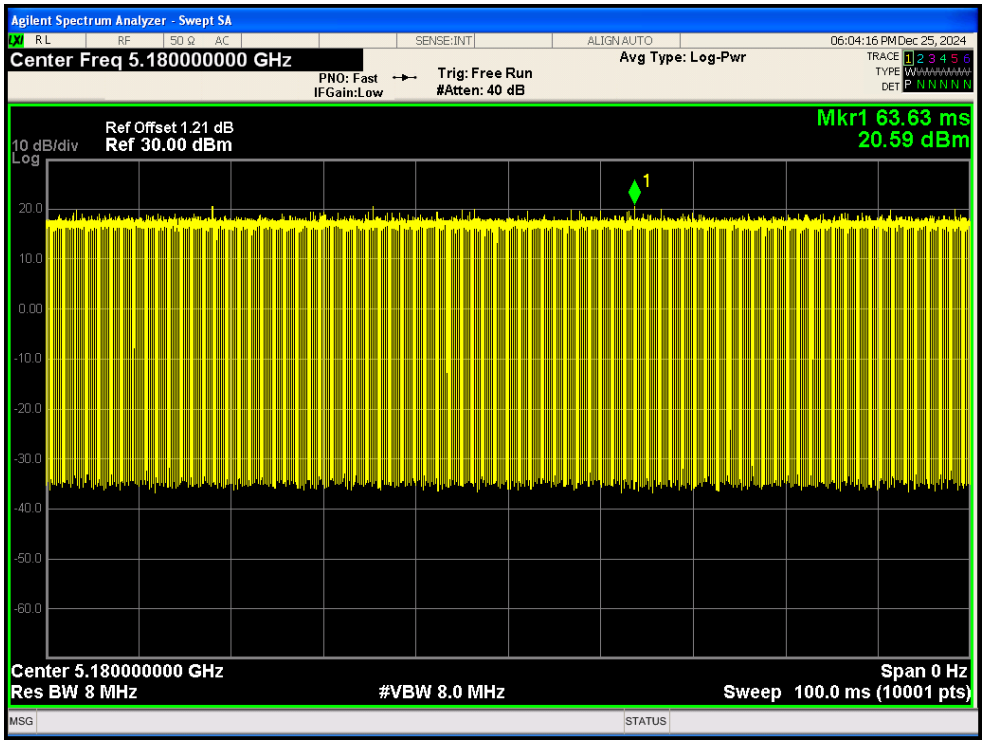
Duty Cycle NVNT ax80 5210MHz Ant1



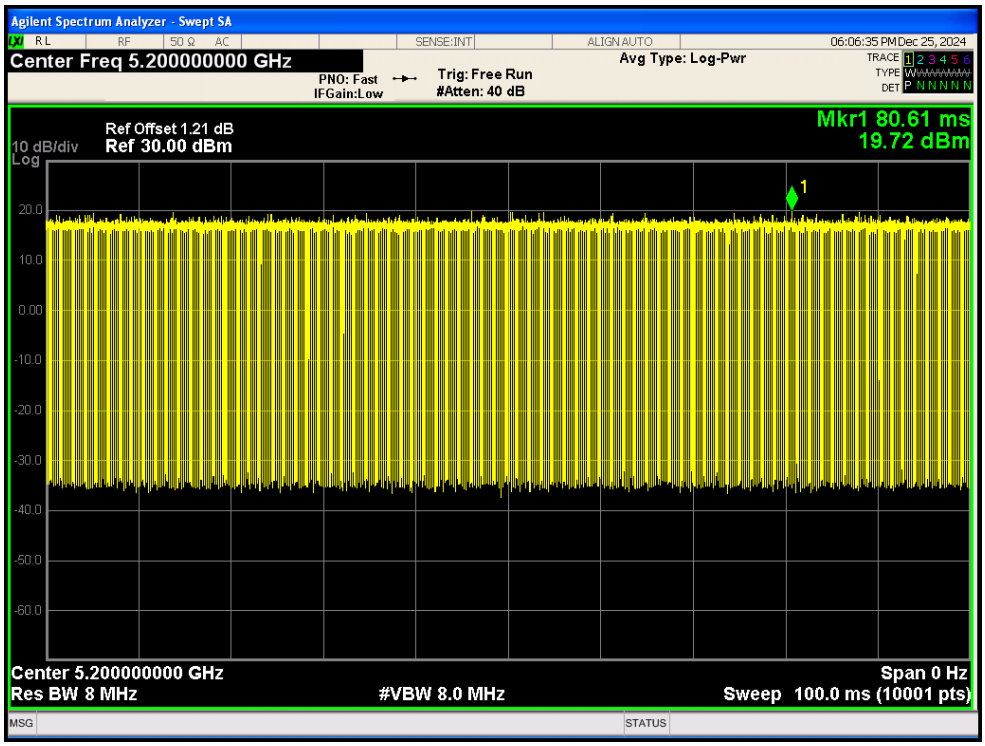
Duty Cycle NVNT ax80 5210MHz Ant2



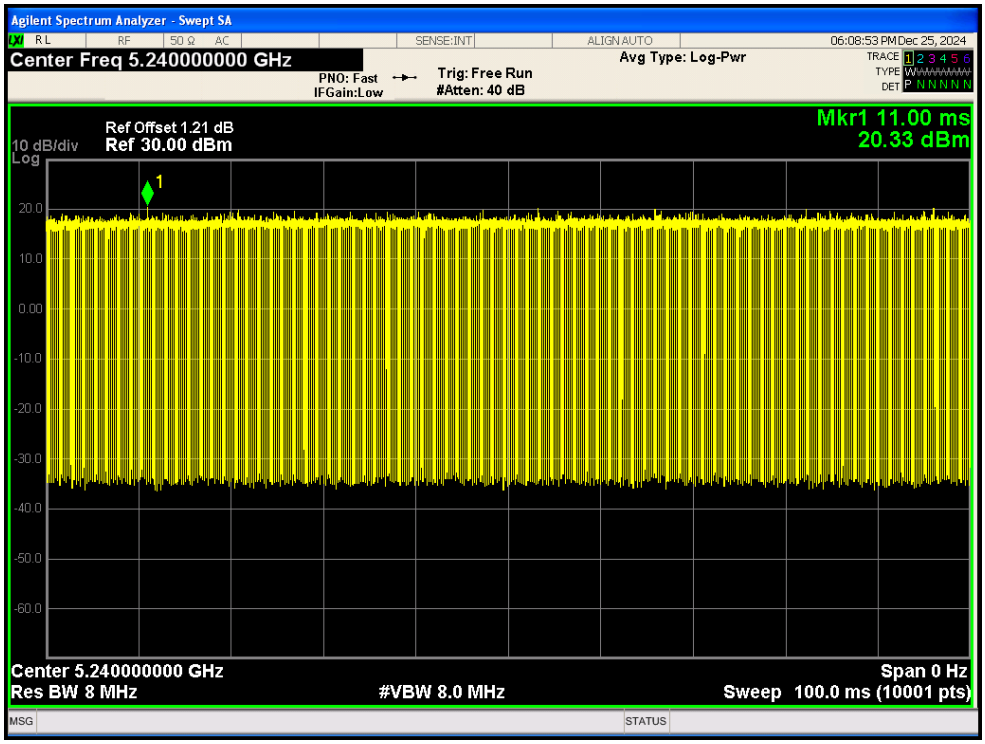
Duty Cycle NVNT n20 5180MHz Ant1



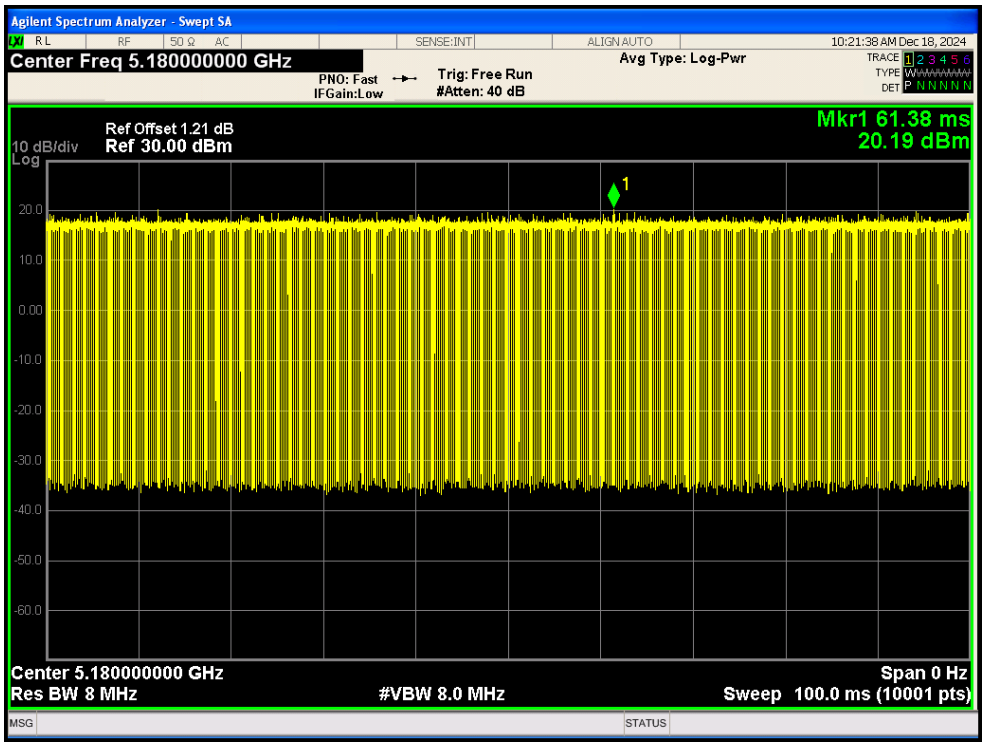
Duty Cycle NVNT n20 5200MHz Ant1



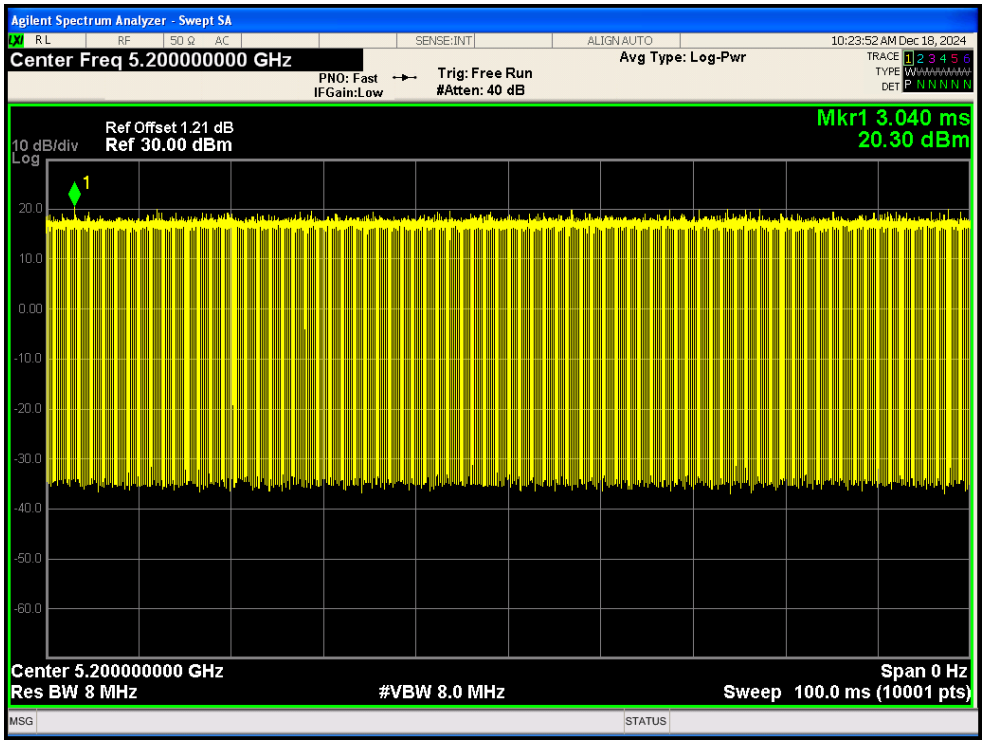
Duty Cycle NVNT n20 5240MHz Ant1



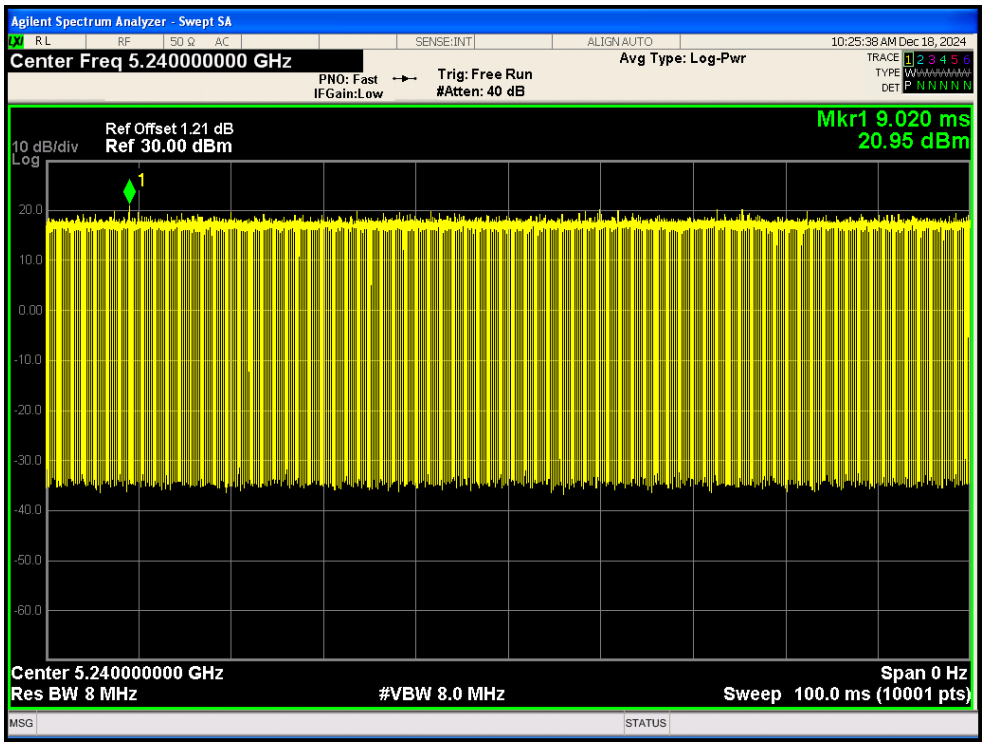
Duty Cycle NVNT n20 5180MHz Ant2



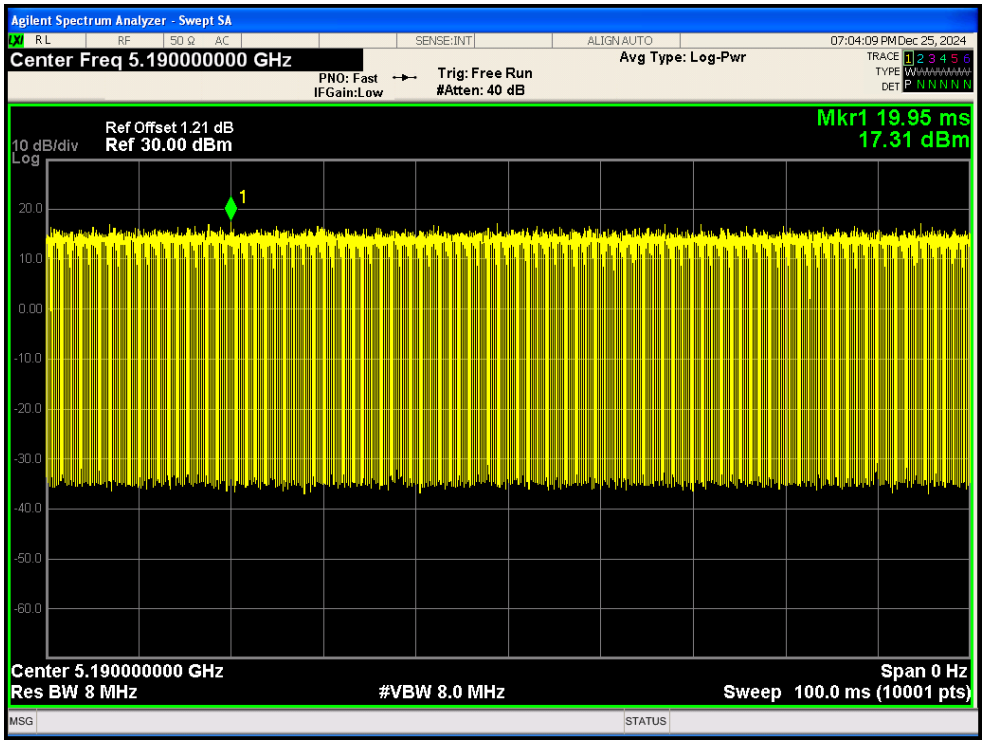
Duty Cycle NVNT n20 5200MHz Ant2



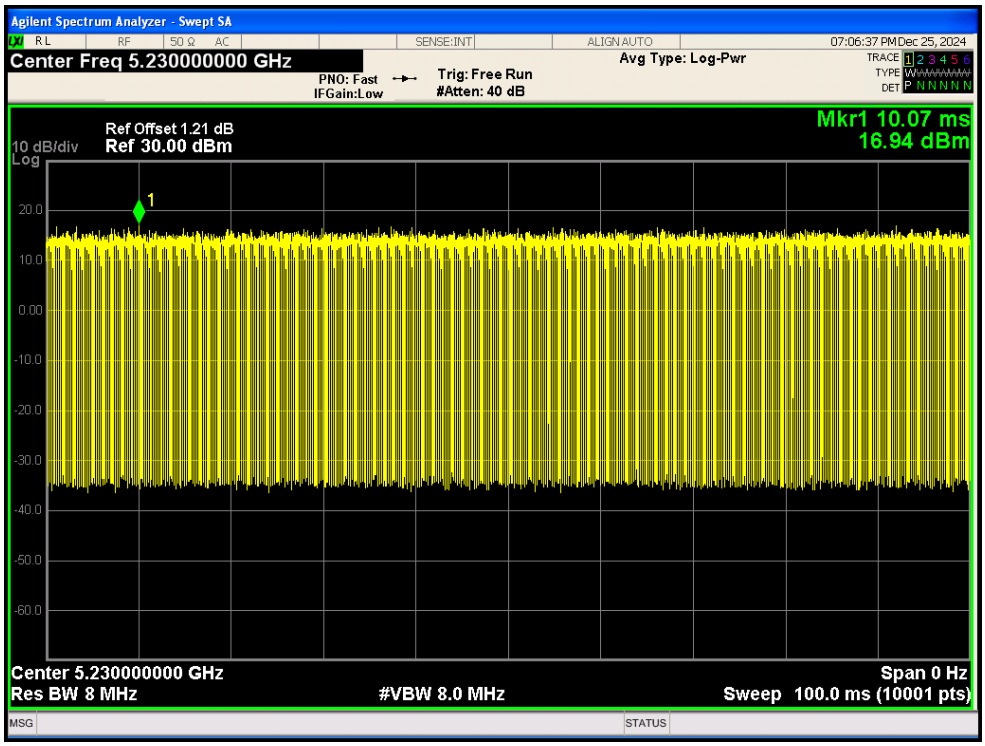
Duty Cycle NVNT n20 5240MHz Ant2



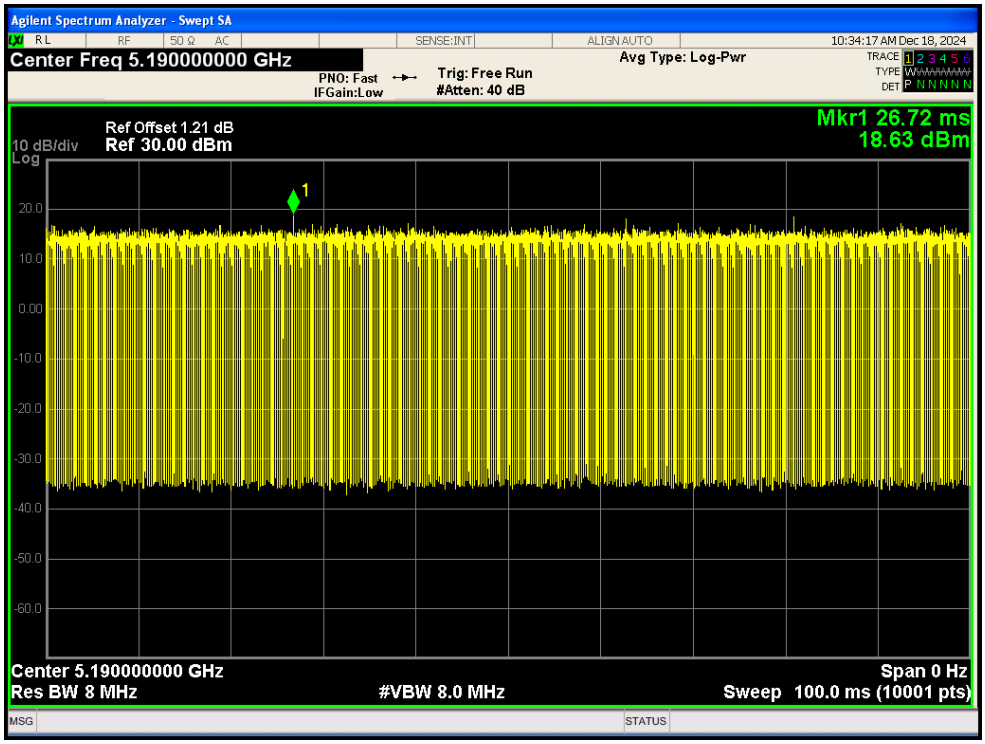
Duty Cycle NVNT n40 5190MHz Ant1



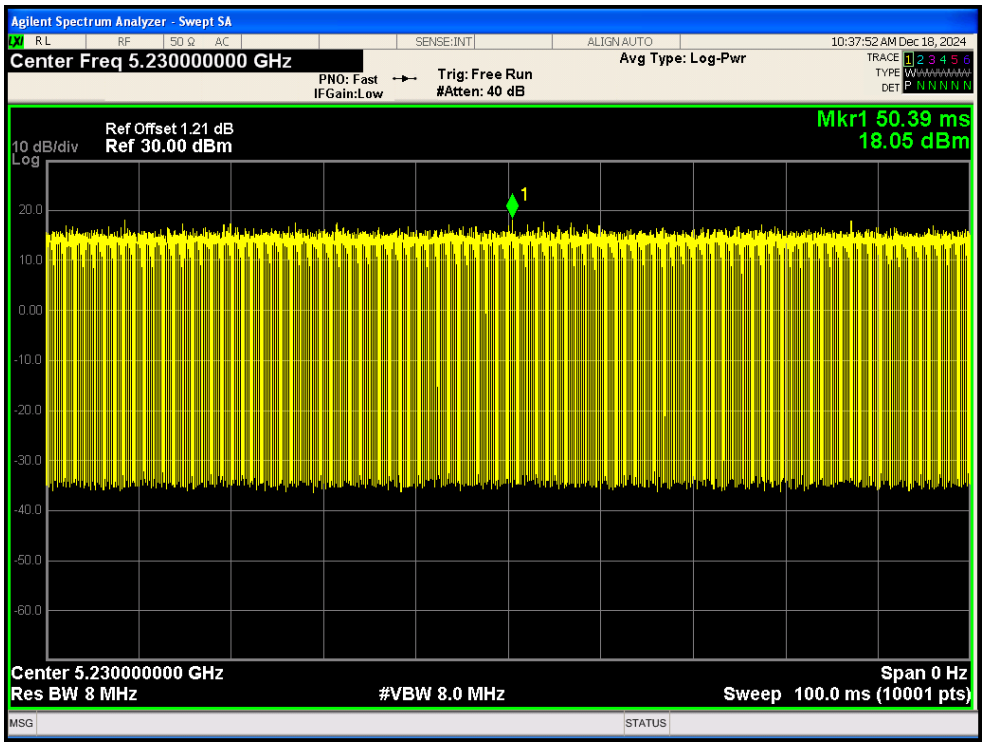
Duty Cycle NVNT n40 5230MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant2



Duty Cycle NVNT n40 5230MHz Ant2

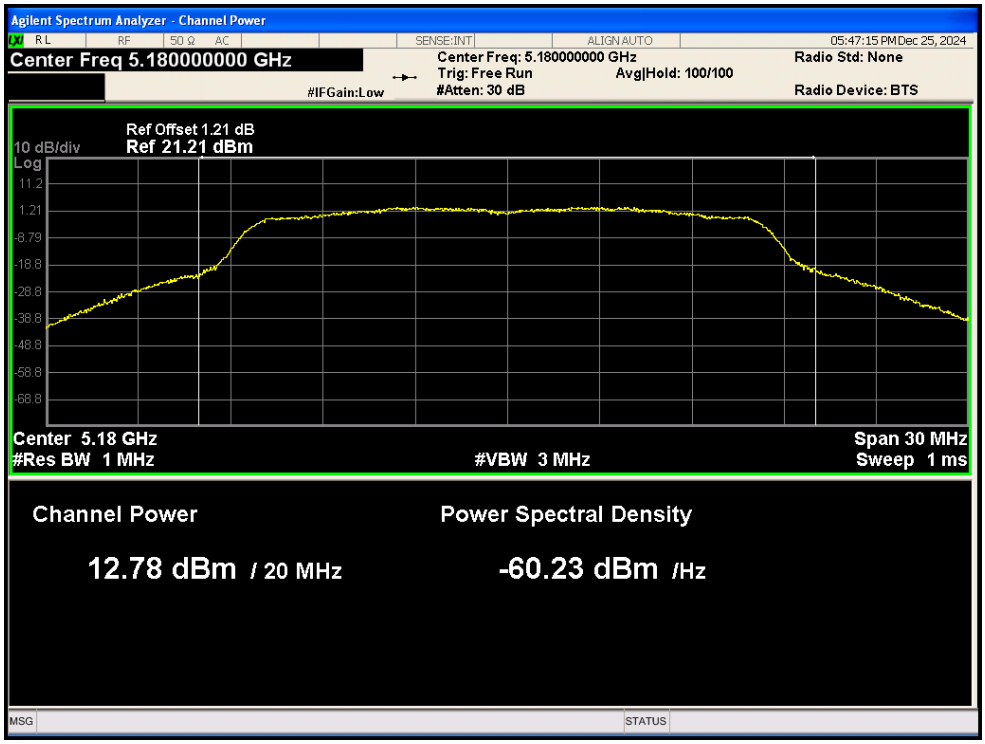


Maximum Conducted Output Power

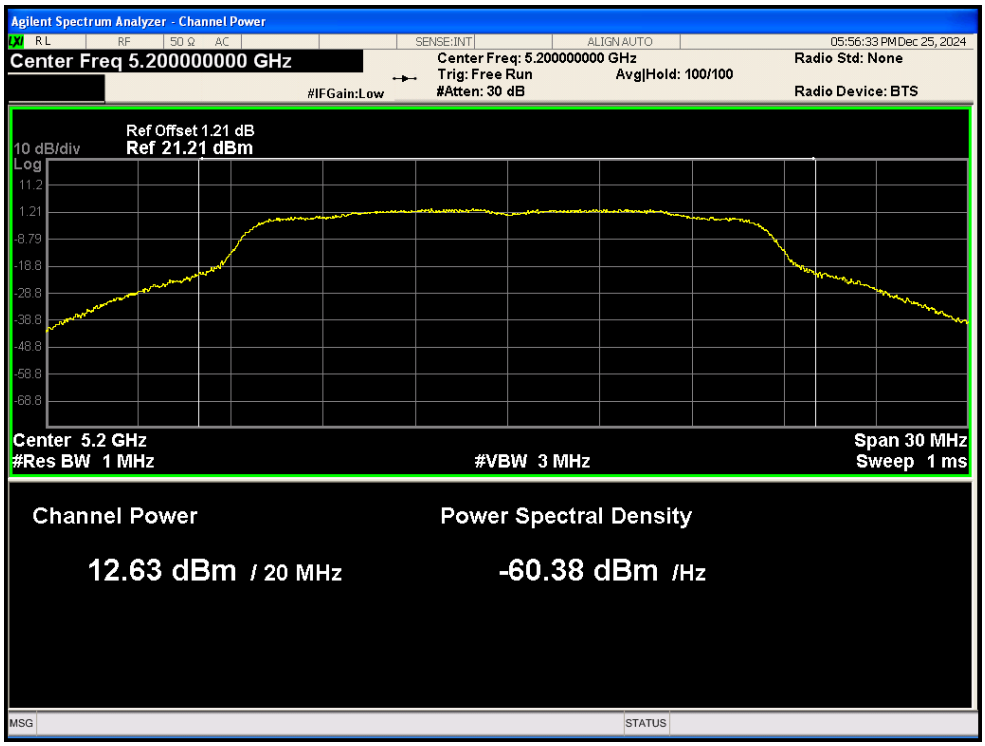
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	12.778	0.89	13.668	24	Pass
NVNT	a	5200	Ant1	12.627	0.89	13.517	24	Pass
NVNT	a	5240	Ant1	12.761	0.88	13.641	24	Pass
NVNT	a	5180	Ant2	12.628	0.9	13.528	24	Pass
NVNT	a	5200	Ant2	12.717	0.89	13.607	24	Pass
NVNT	a	5240	Ant2	12.819	0.89	13.709	24	Pass

NVNT	ac20	5180	Ant1	12.781	0.83	13.611	24	Pass
NVNT	ac20	5200	Ant1	12.668	0.83	13.498	24	Pass
NVNT	ac20	5240	Ant1	12.782	0.83	13.612	24	Pass
NVNT	ac20	5180	Ant2	12.635	0.82	13.455	24	Pass
NVNT	ac20	5200	Ant2	12.776	0.83	13.606	24	Pass
NVNT	ac20	5240	Ant2	12.95	0.83	13.78	24	Pass
NVNT	ac40	5190	Ant1	12.739	0.87	13.609	24	Pass
NVNT	ac40	5230	Ant1	12.651	0.87	13.521	24	Pass
NVNT	ac40	5190	Ant2	12.892	0.87	13.762	24	Pass
NVNT	ac40	5230	Ant2	12.951	0.87	13.821	24	Pass
NVNT	ac80	5210	Ant1	12.934	0.83	13.764	24	Pass
NVNT	ac80	5210	Ant2	13.09	0.83	13.92	24	Pass
NVNT	ax20	5180	Ant1	12.62	0.79	13.41	24	Pass
NVNT	ax20	5200	Ant1	12.505	0.78	13.285	24	Pass
NVNT	ax20	5240	Ant1	12.541	0.78	13.321	23	Pass
NVNT	ax20	5180	Ant2	12.605	0.77	13.375	24	Pass
NVNT	ax20	5200	Ant2	12.681	0.77	13.451	24	Pass
NVNT	ax20	5240	Ant2	12.815	0.76	13.575	23	Pass
NVNT	ax40	5190	Ant1	12.572	0.78	13.352	24	Pass
NVNT	ax40	5230	Ant1	12.484	0.77	13.254	24	Pass
NVNT	ax40	5190	Ant2	12.815	0.78	13.595	24	Pass
NVNT	ax40	5230	Ant2	12.867	0.77	13.637	24	Pass
NVNT	ax80	5210	Ant1	12.754	0.76	13.514	24	Pass
NVNT	ax80	5210	Ant2	12.878	0.76	13.638	24	Pass
NVNT	n20	5180	Ant1	12.863	0.78	13.643	24	Pass
NVNT	n20	5200	Ant1	12.759	0.78	13.539	24	Pass
NVNT	n20	5240	Ant1	12.814	0.78	13.594	24	Pass
NVNT	n20	5180	Ant2	12.819	0.78	13.599	24	Pass
NVNT	n20	5200	Ant2	12.848	0.78	13.628	24	Pass
NVNT	n20	5240	Ant2	12.868	0.77	13.638	24	Pass
NVNT	n40	5190	Ant1	13.009	0.77	13.779	24	Pass
NVNT	n40	5230	Ant1	12.868	0.77	13.638	24	Pass
NVNT	n40	5190	Ant2	13.019	0.76	13.779	24	Pass
NVNT	n40	5230	Ant2	13.165	0.76	13.925	24	Pass

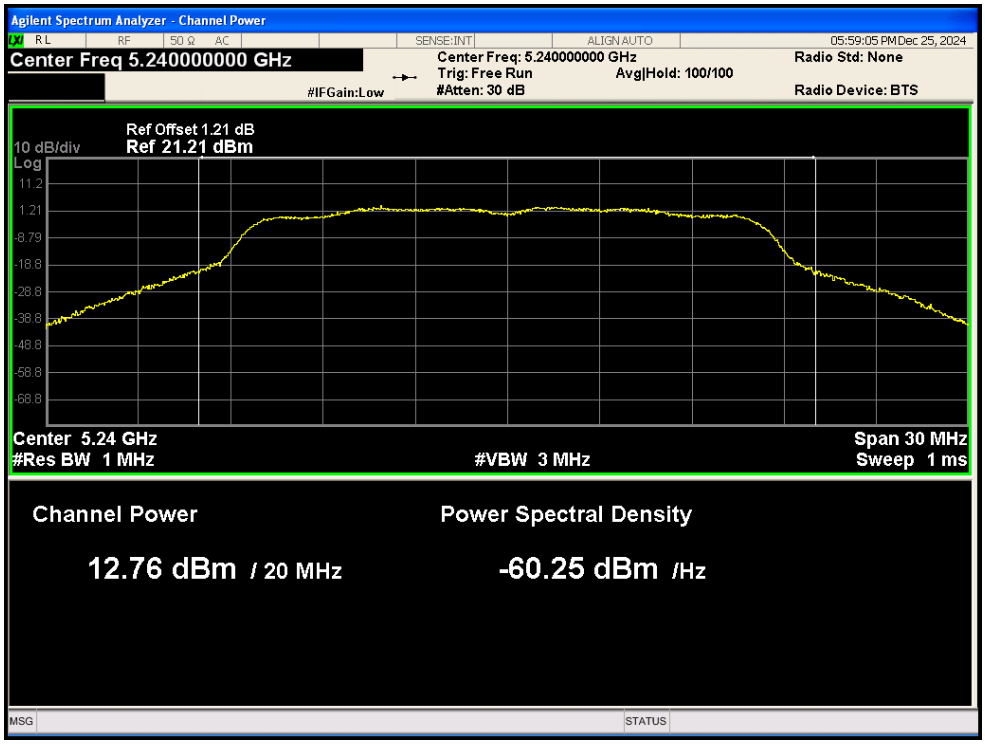
Power NVNT a 5180MHz Ant1



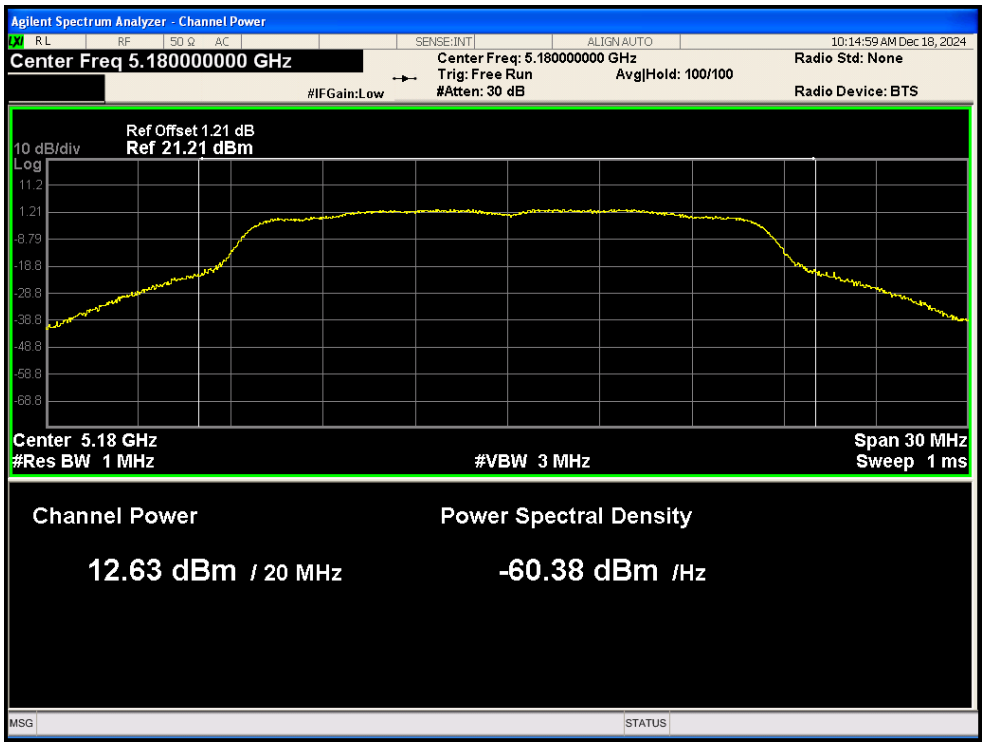
Power NVNT a 5200MHz Ant1



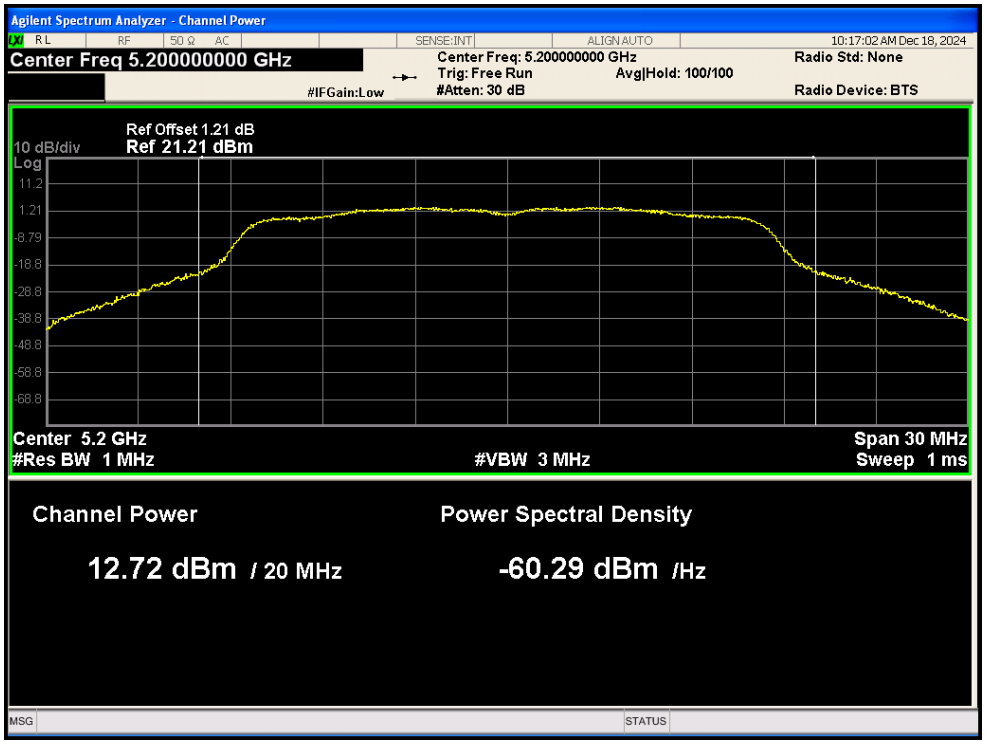
Power NVNT a 5240MHz Ant1



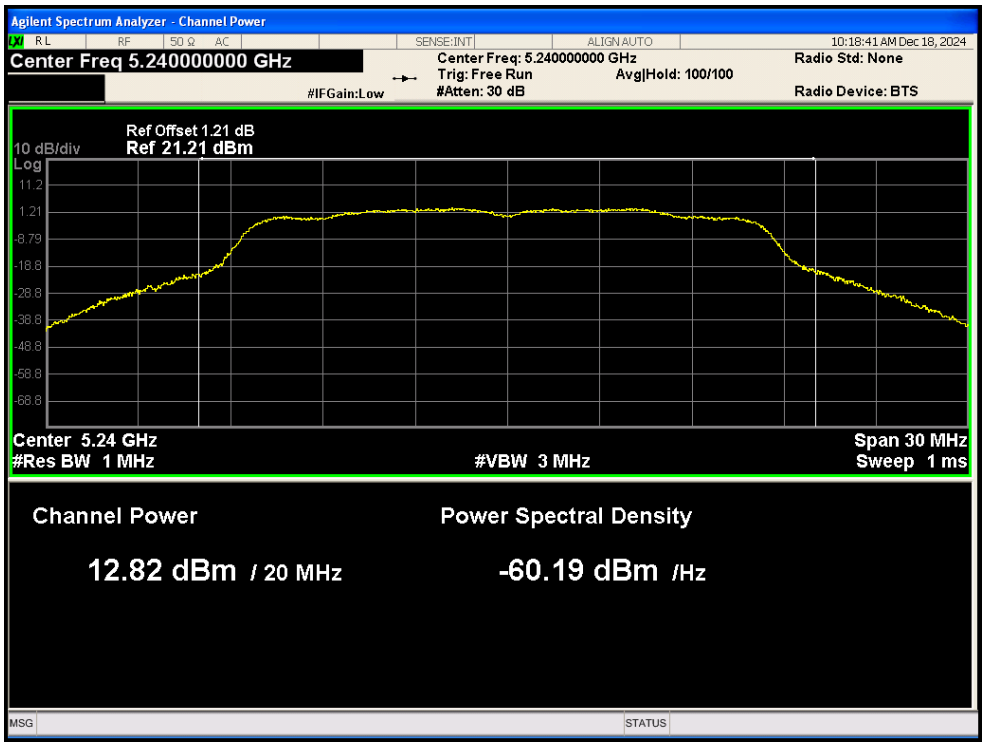
Power NVNT a 5180MHz Ant2



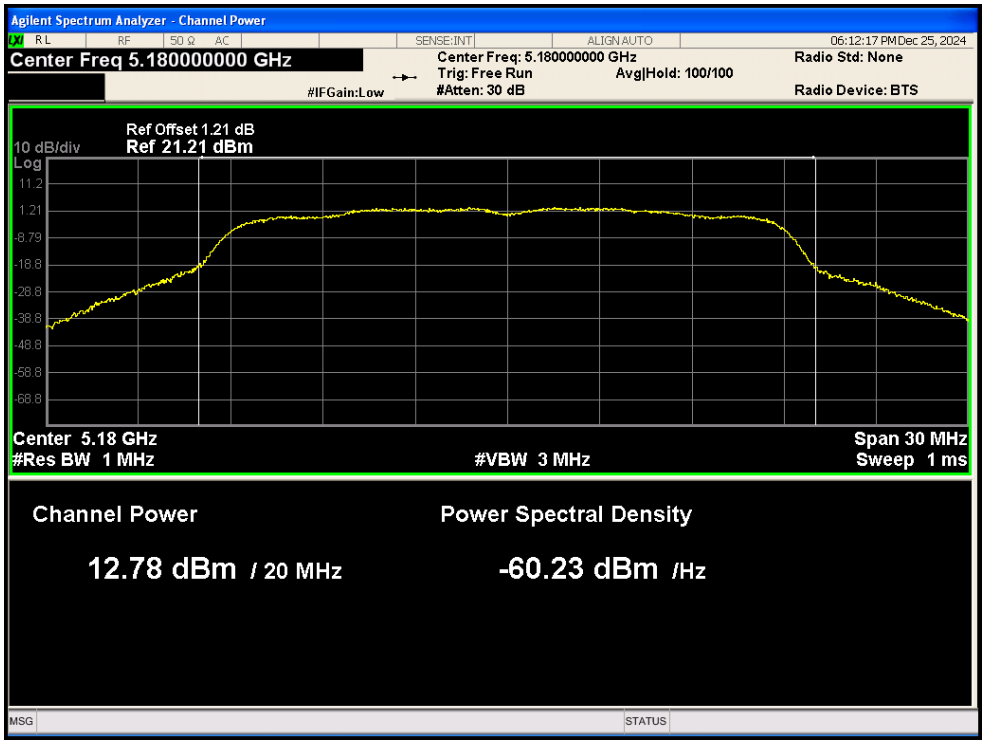
Power NVNT a 5200MHz Ant2



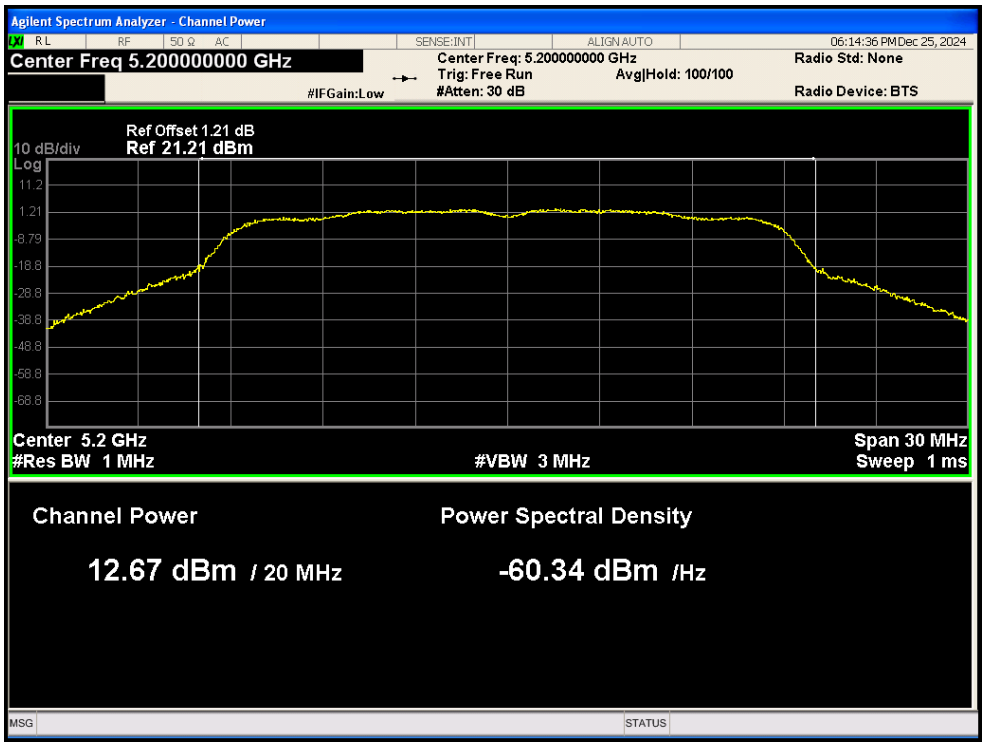
Power NVNT a 5240MHz Ant2



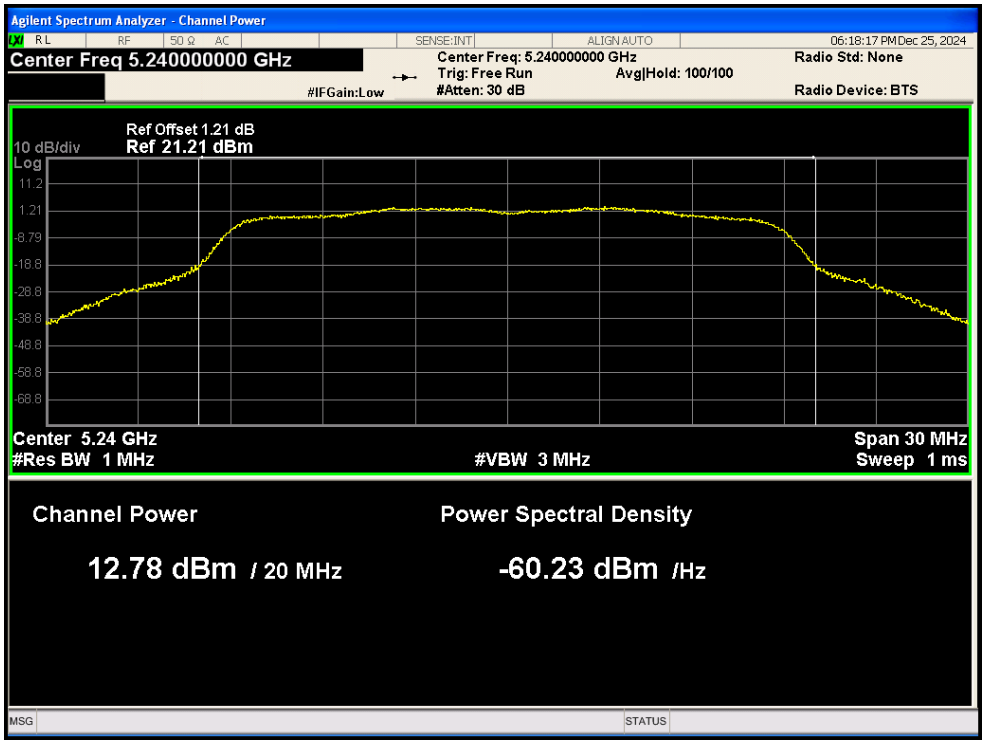
Power NVNT ac20 5180MHz Ant1



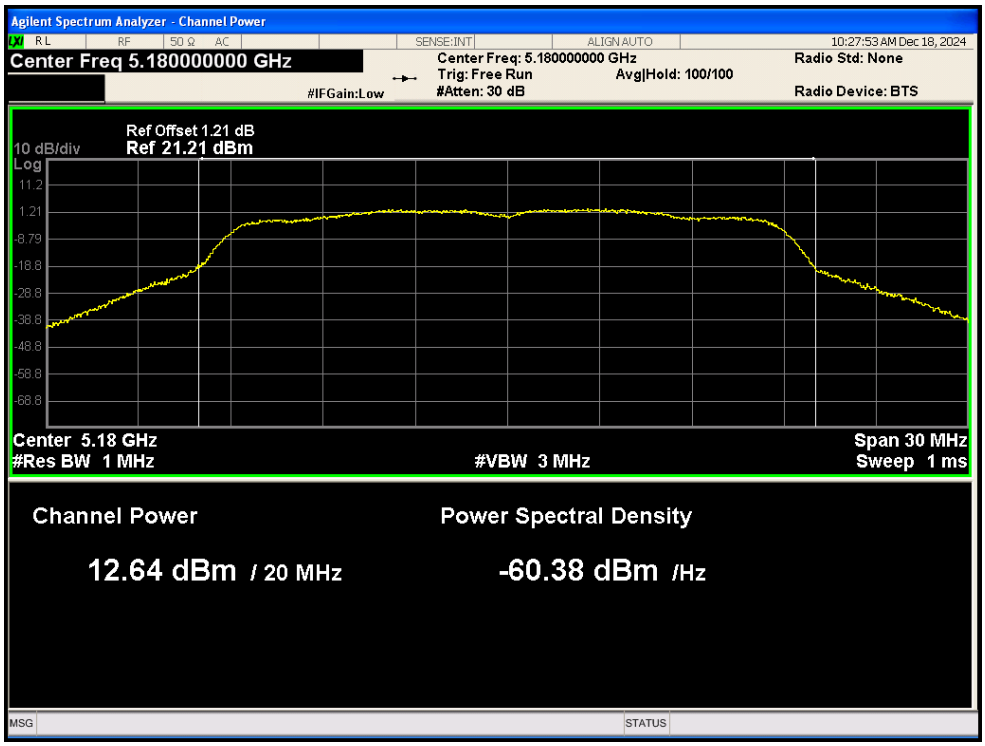
Power NVNT ac20 5200MHz Ant1



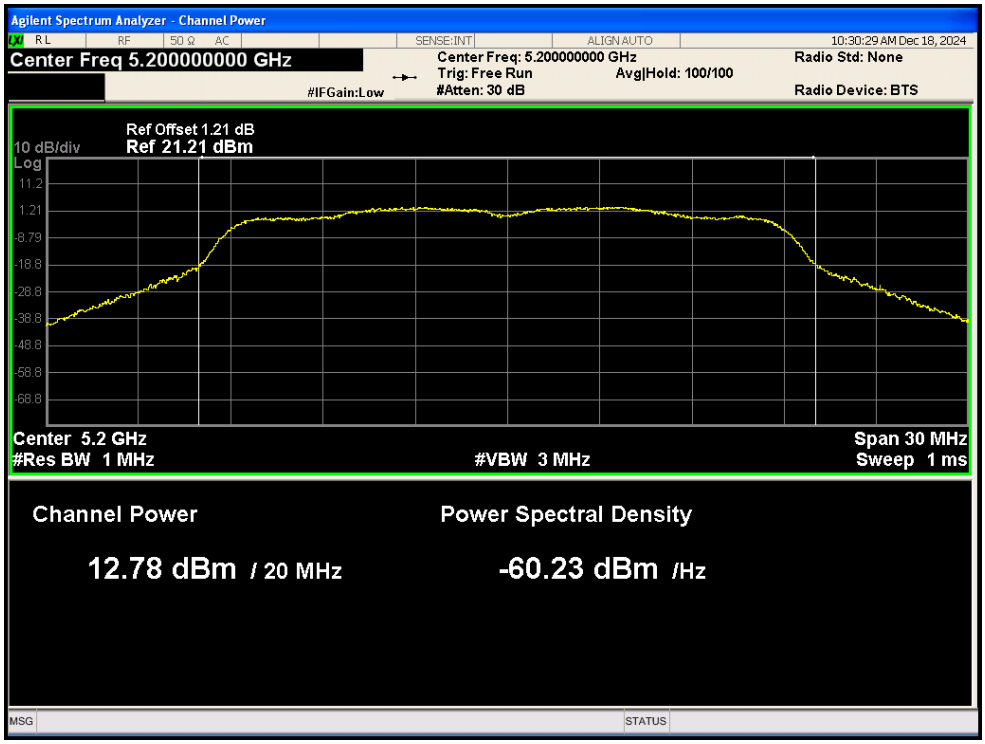
Power NVNT ac20 5240MHz Ant1



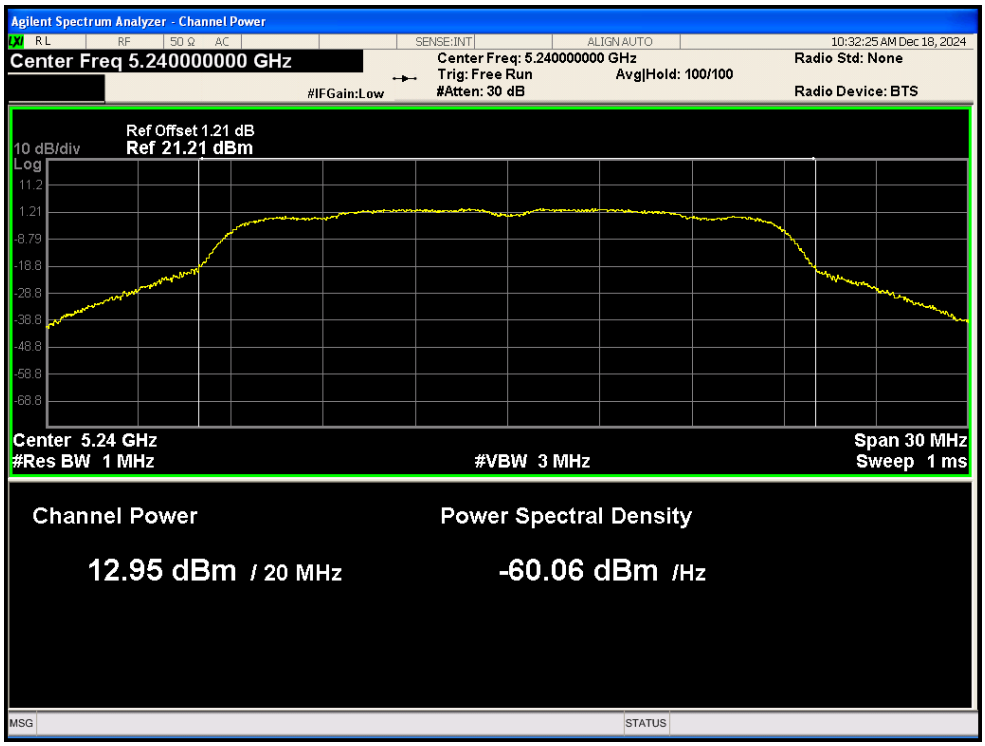
Power NVNT ac20 5180MHz Ant2



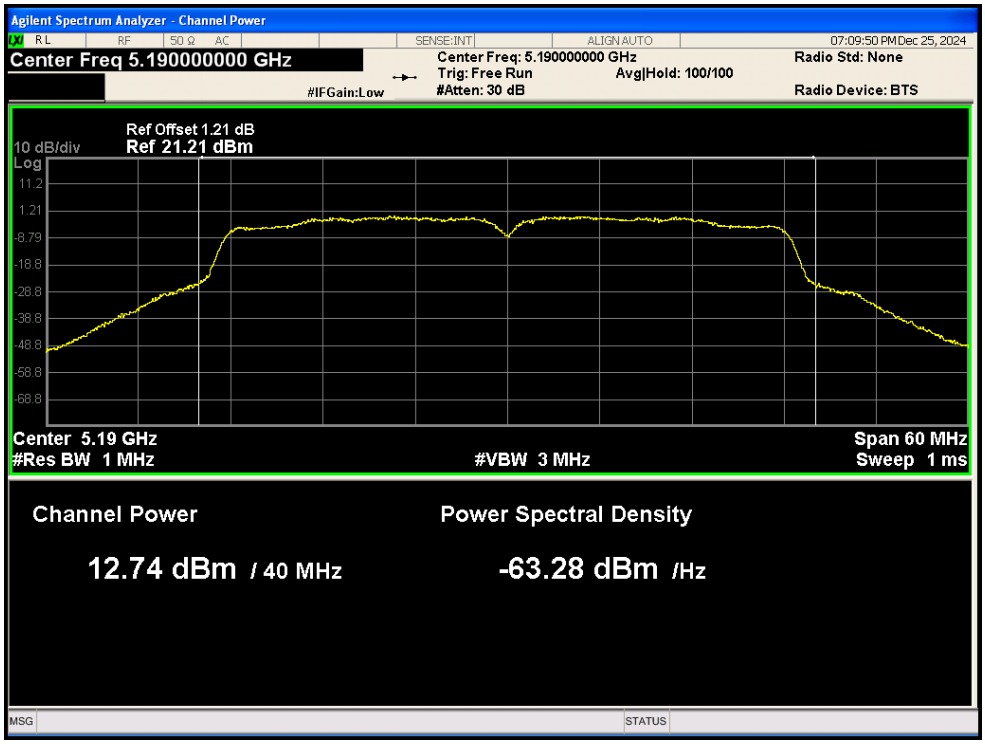
Power NVNT ac20 5200MHz Ant2



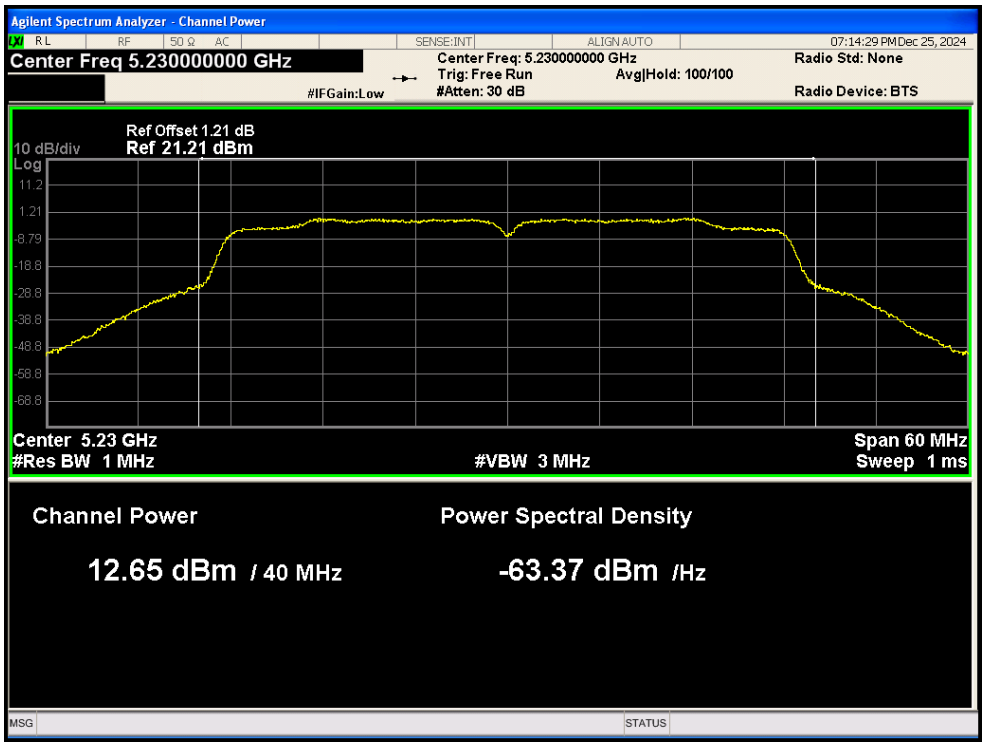
Power NVNT ac20 5240MHz Ant2



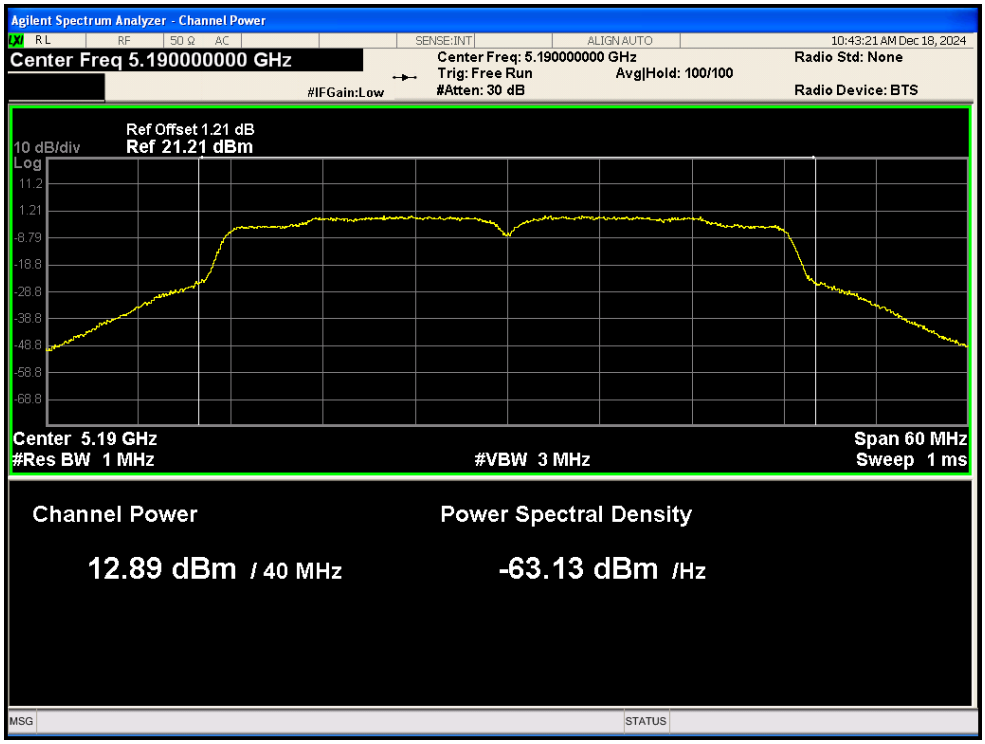
Power NVNT ac40 5190MHz Ant1



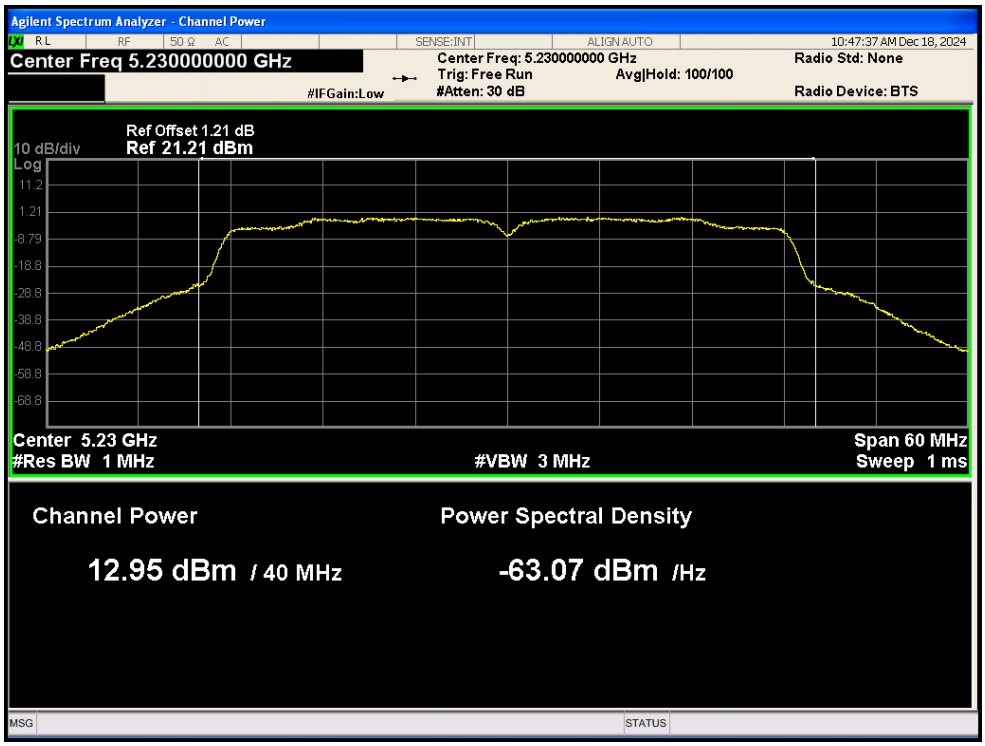
Power NVNT ac40 5230MHz Ant1



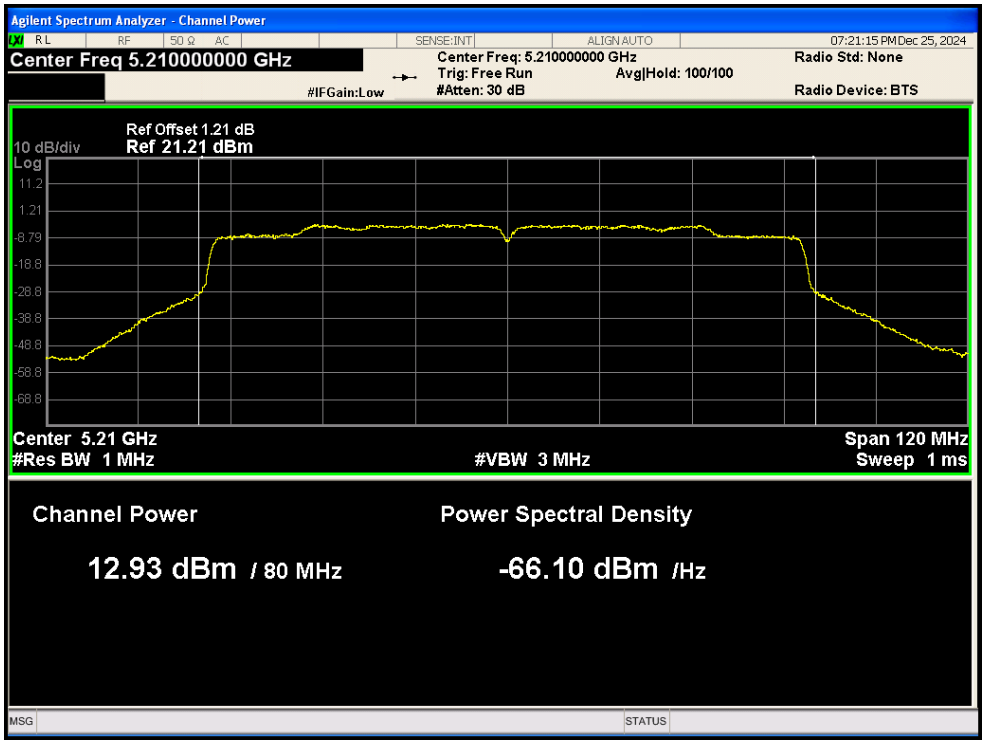
Power NVNT ac40 5190MHz Ant2



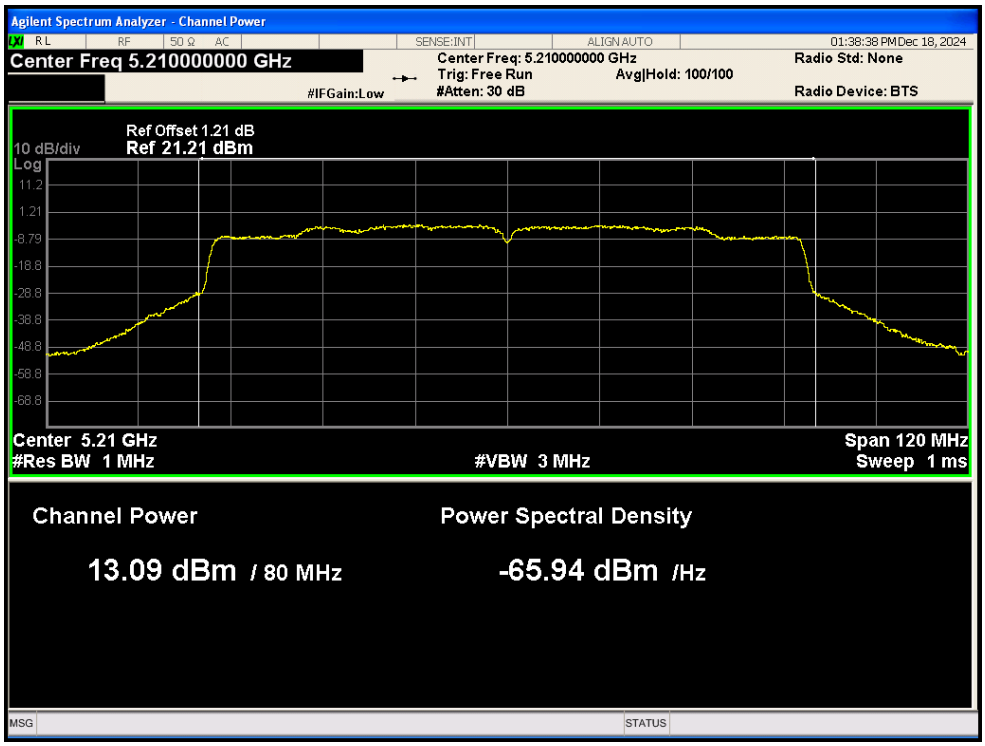
Power NVNT ac40 5230MHz Ant2



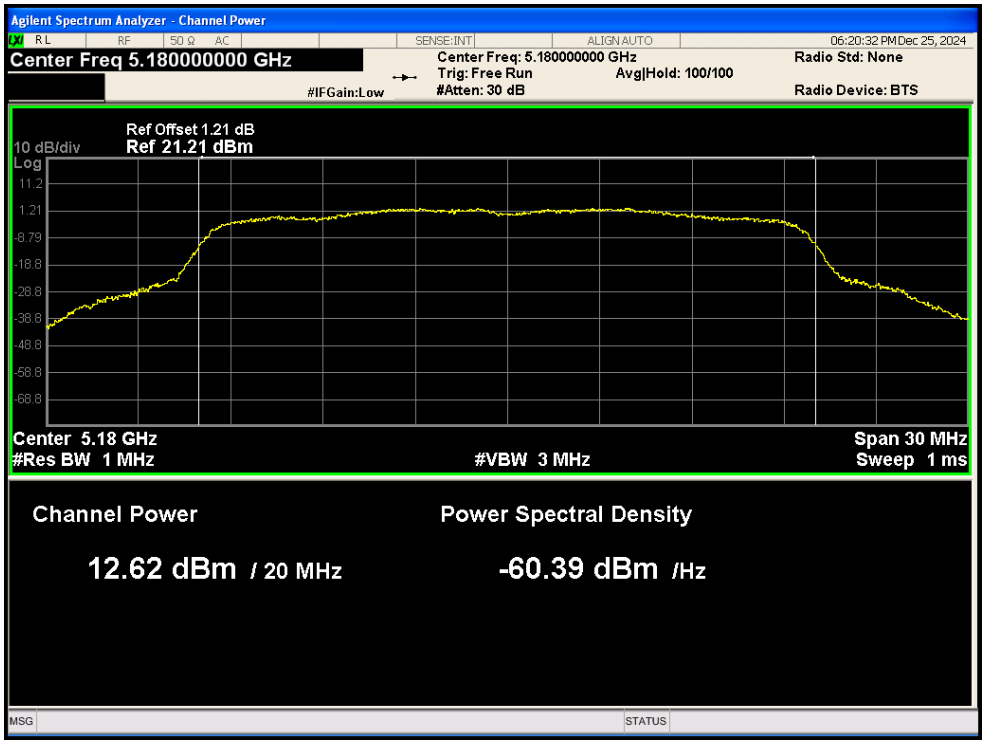
Power NVNT ac80 5210MHz Ant1



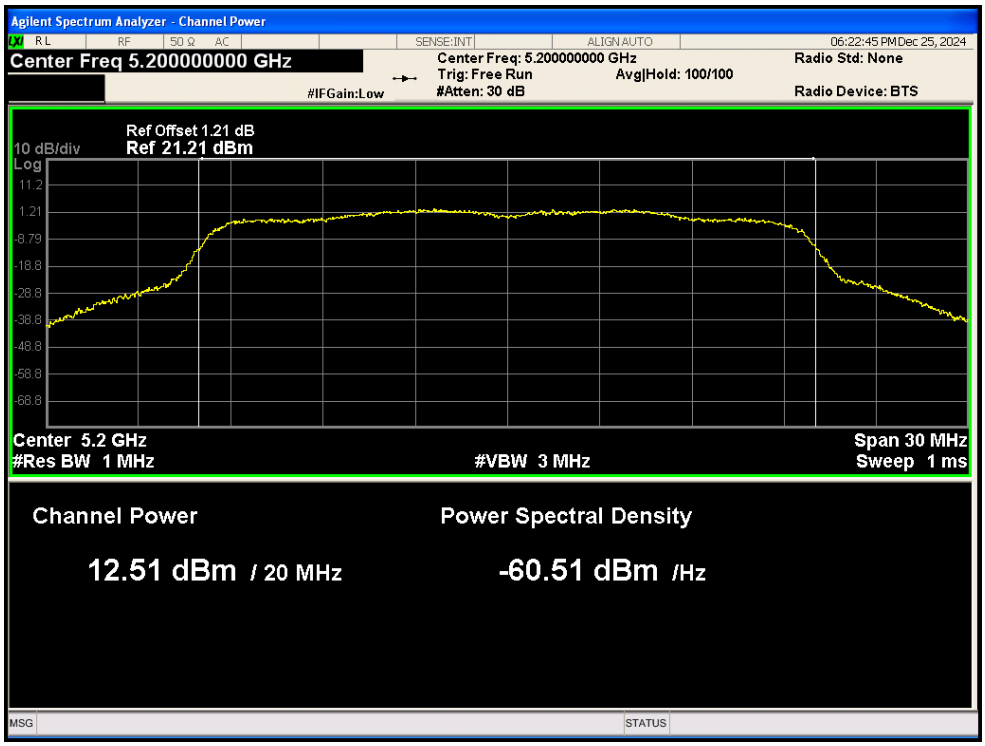
Power NVNT ac80 5210MHz Ant2



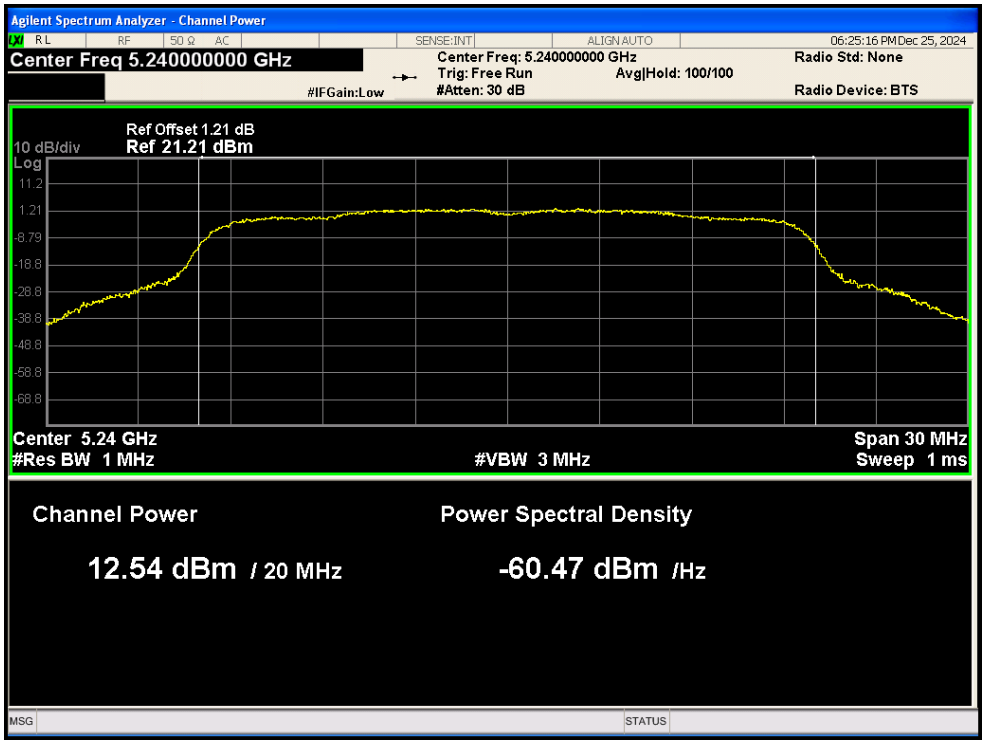
Power NVNT ax20 5180MHz Ant1



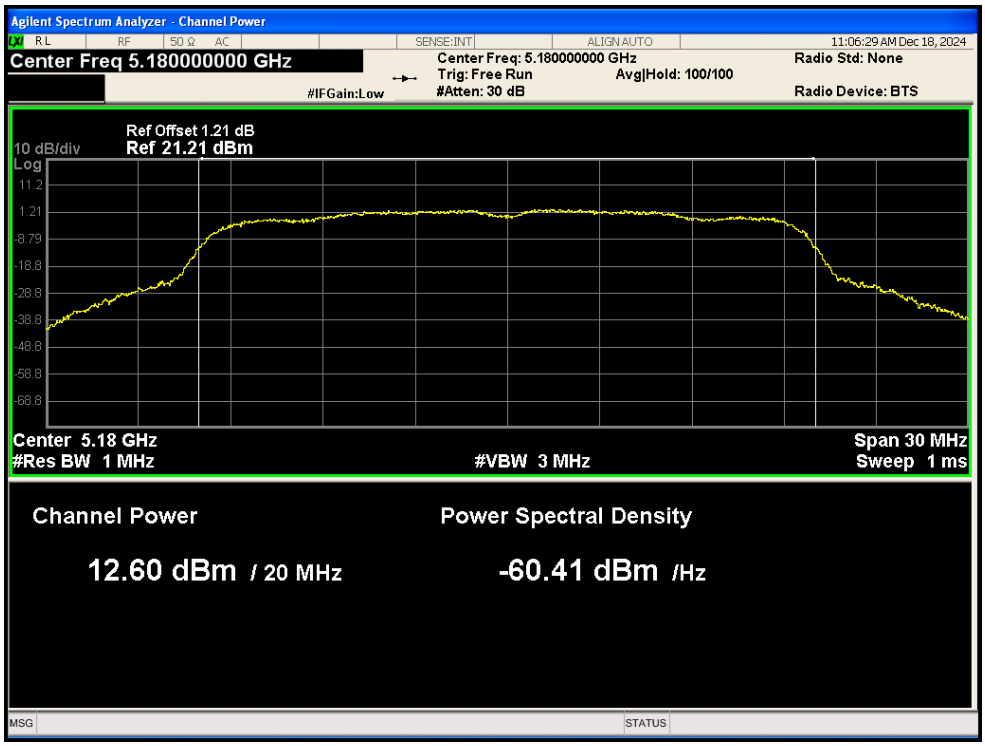
Power NVNT ax20 5200MHz Ant1



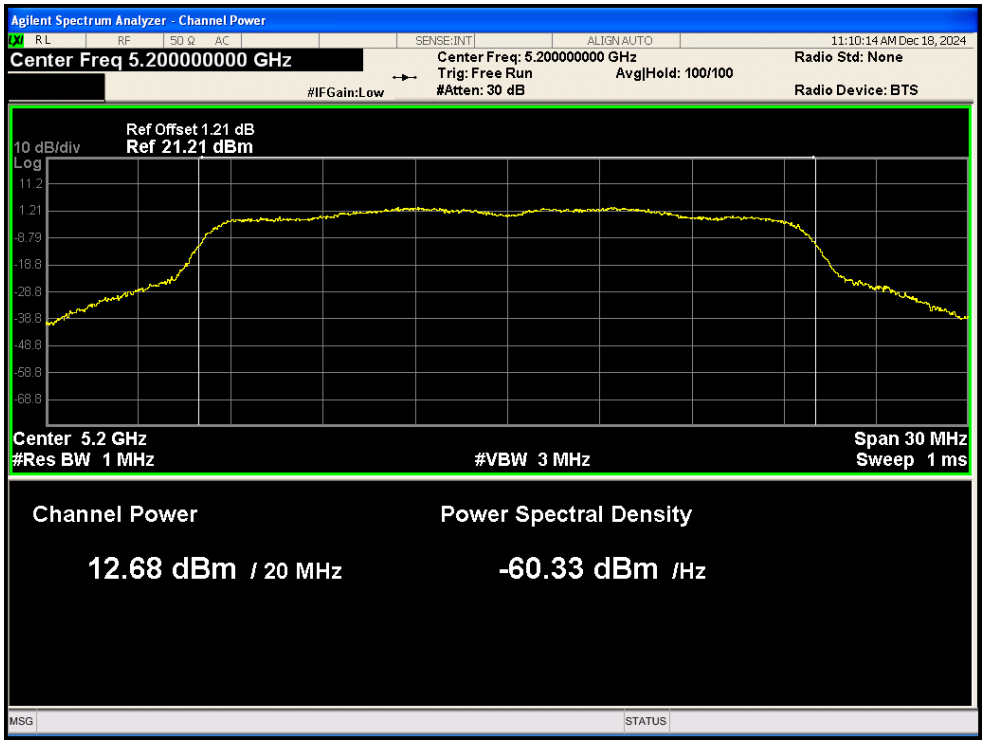
Power NVNT ax20 5240MHz Ant1



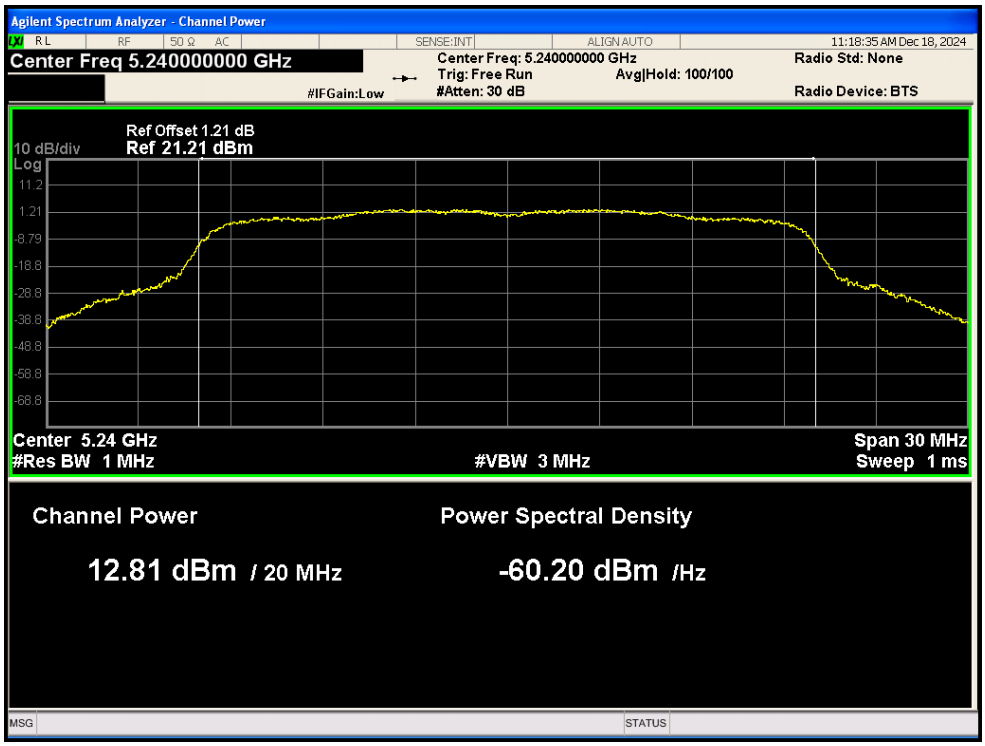
Power NVNT ax20 5180MHz Ant2



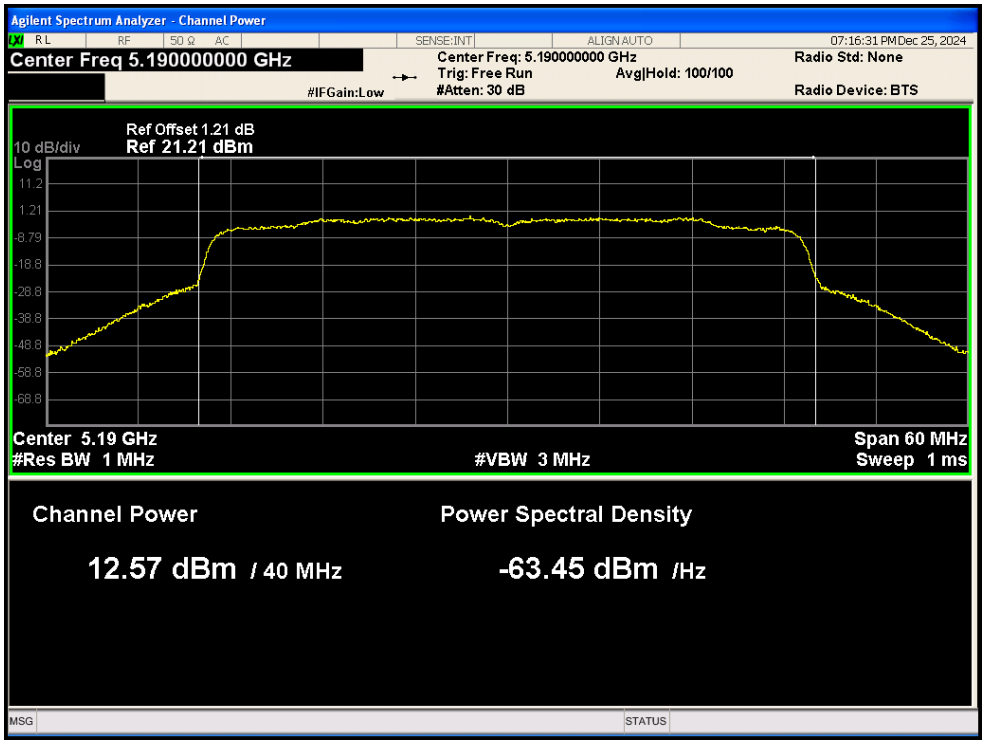
Power NVNT ax20 5200MHz Ant2



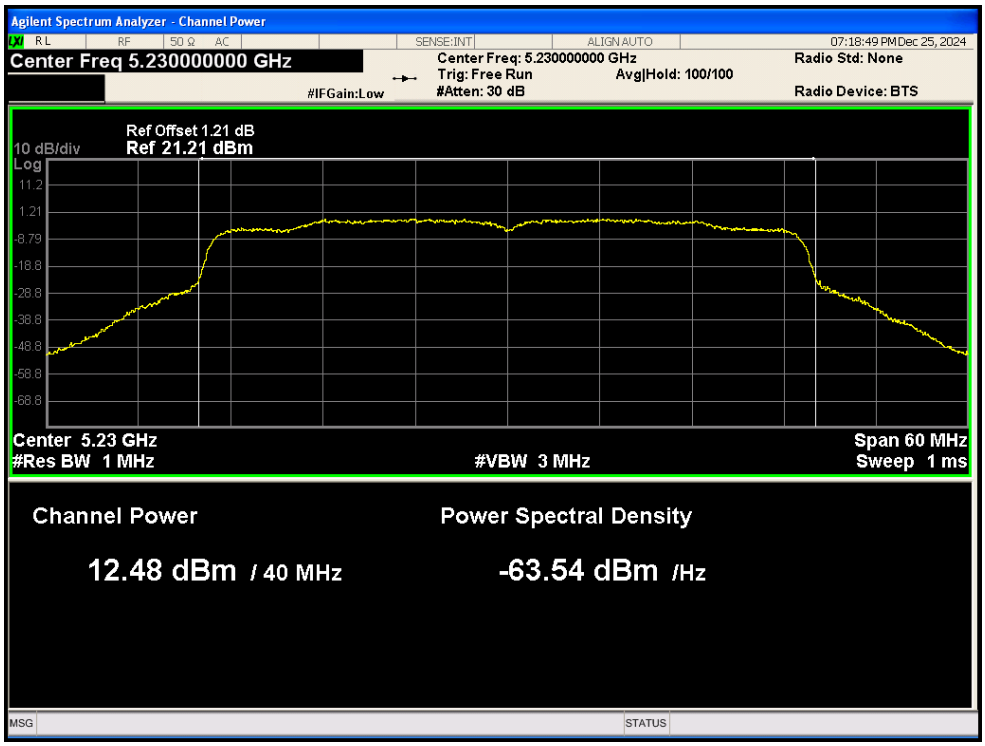
Power NVNT ax20 5240MHz Ant2



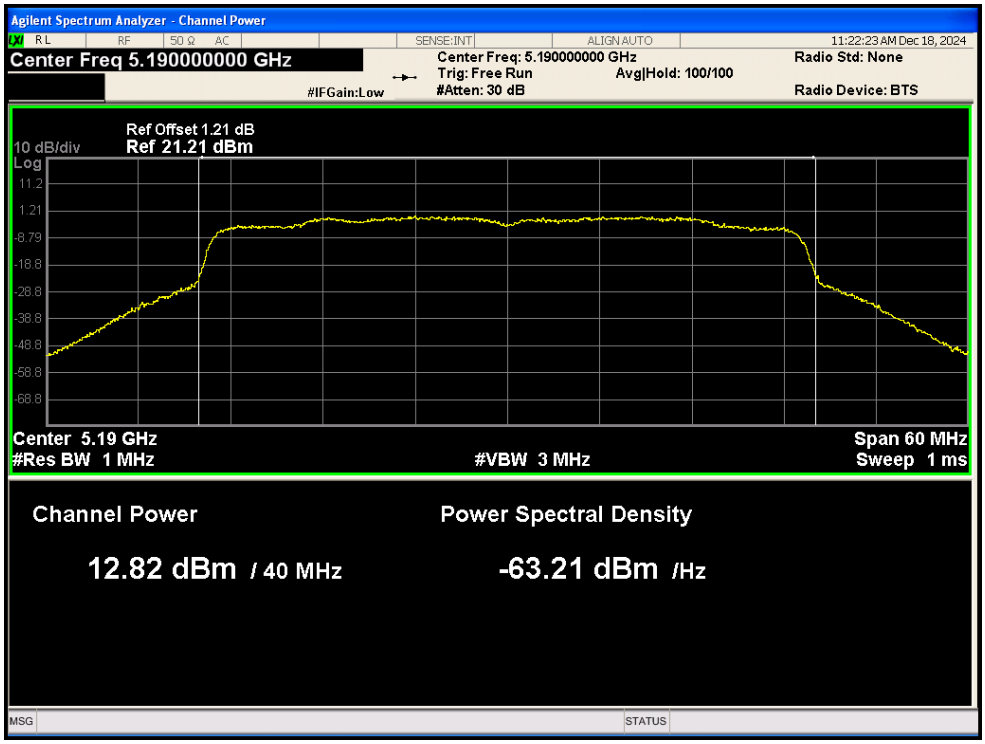
Power NVNT ax40 5190MHz Ant1



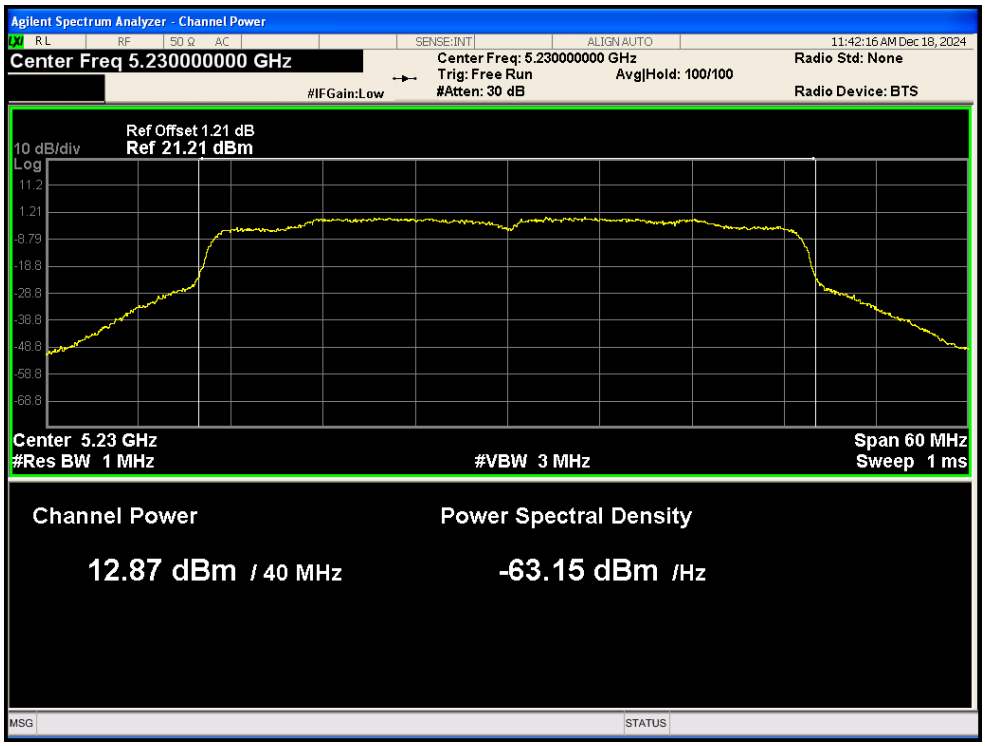
Power NVNT ax40 5230MHz Ant1



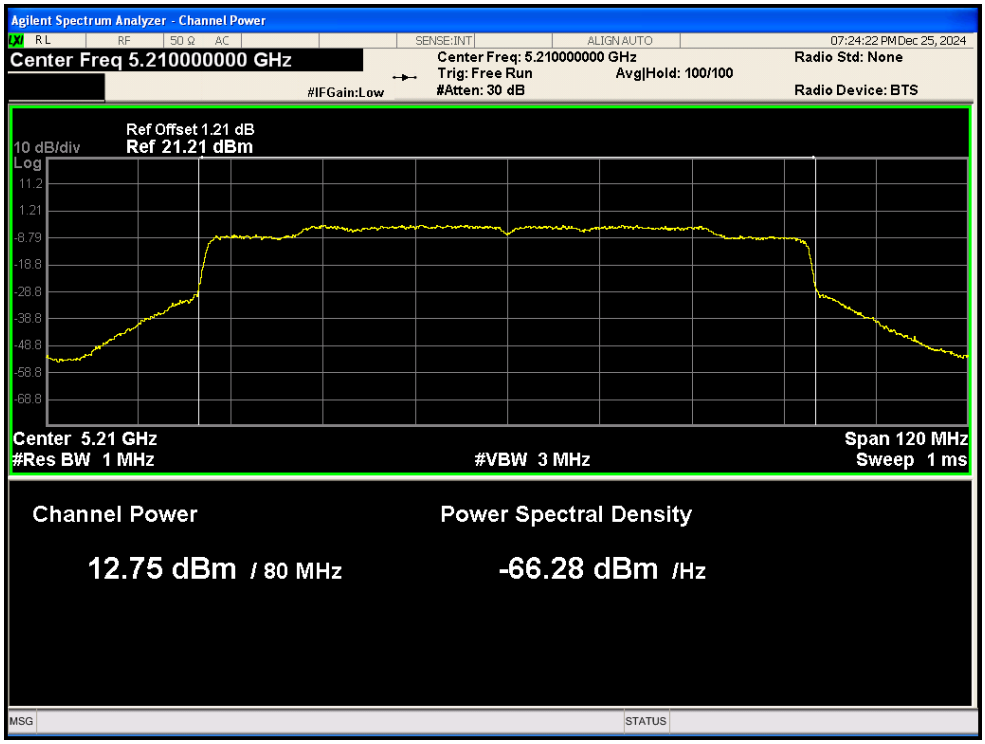
Power NVNT ax40 5190MHz Ant2



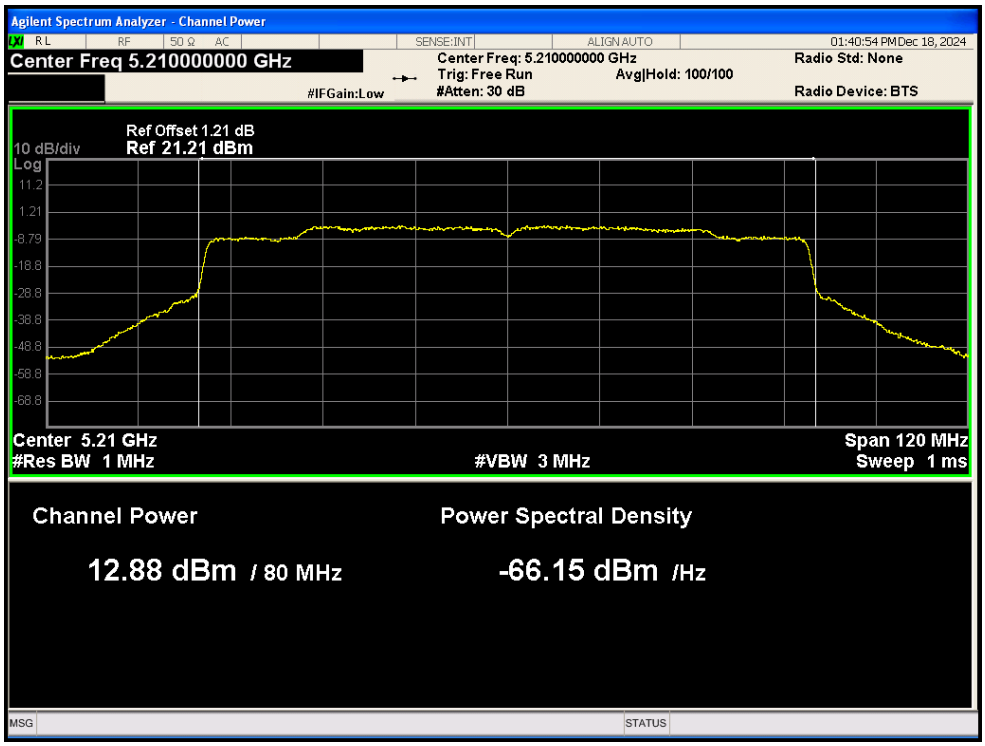
Power NVNT ax40 5230MHz Ant2



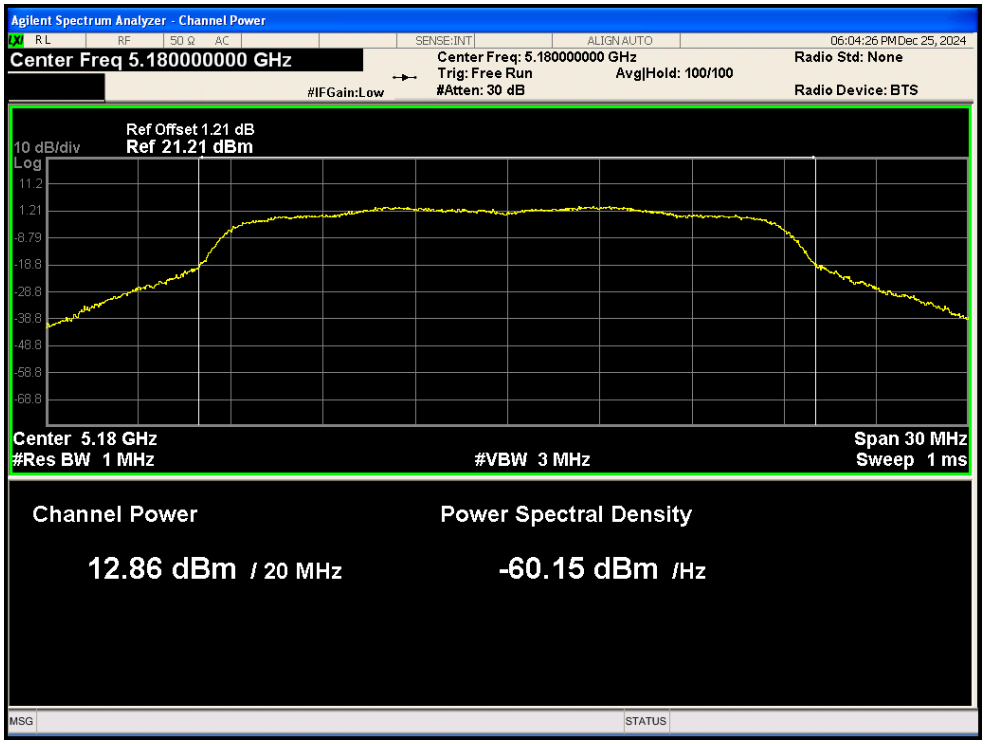
Power NVNT ax80 5210MHz Ant1



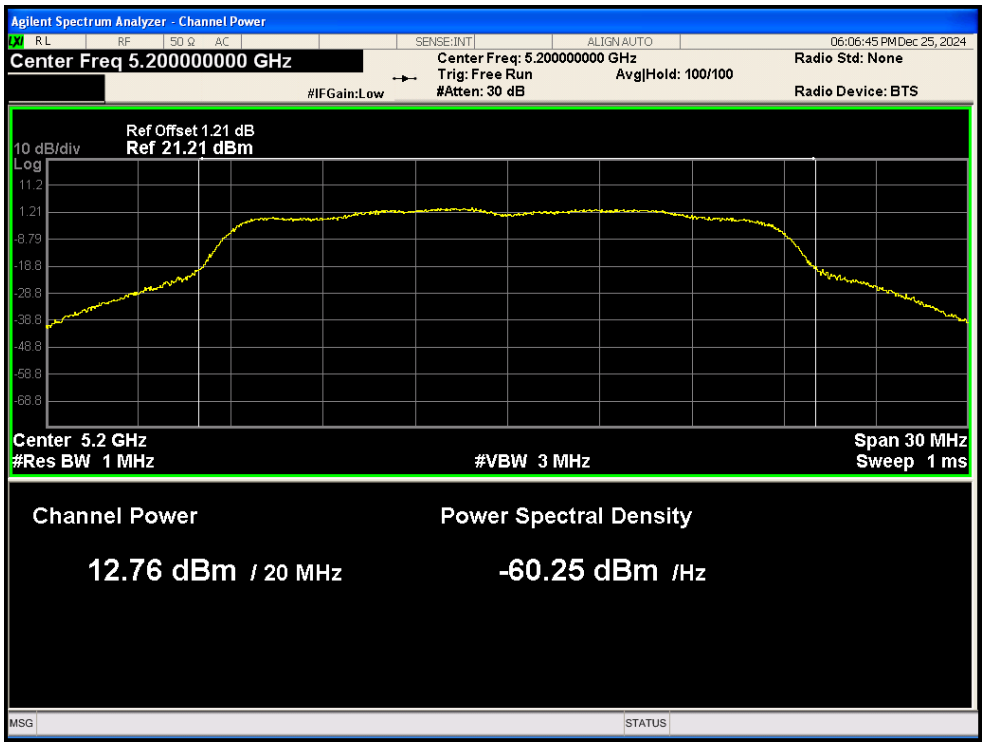
Power NVNT ax80 5210MHz Ant2



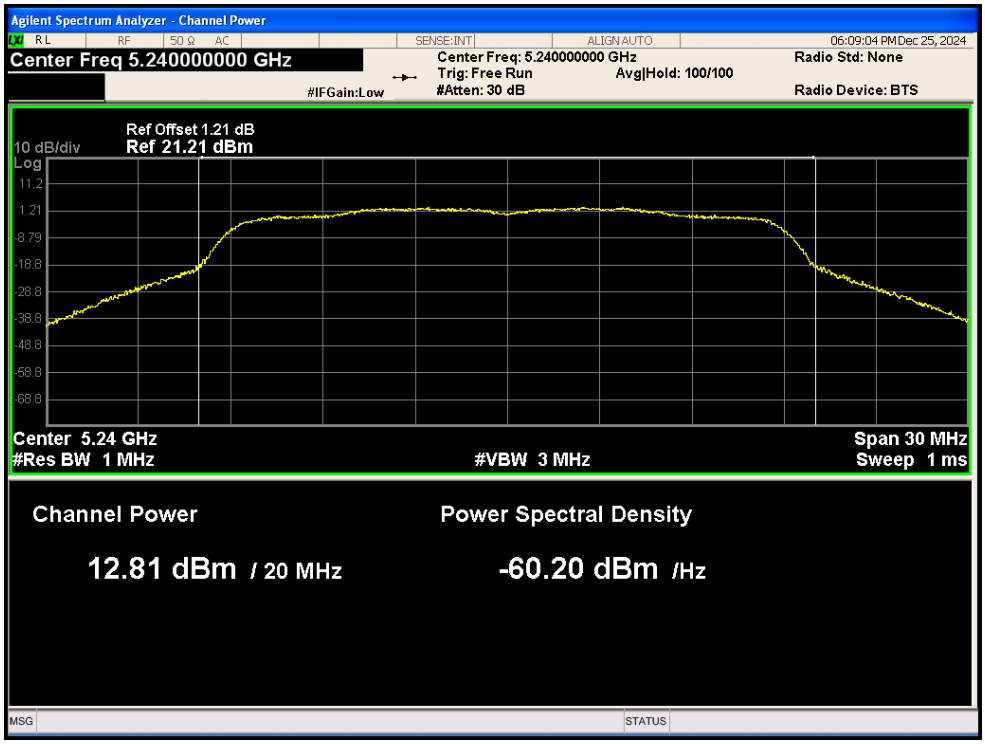
Power NVNT n20 5180MHz Ant1



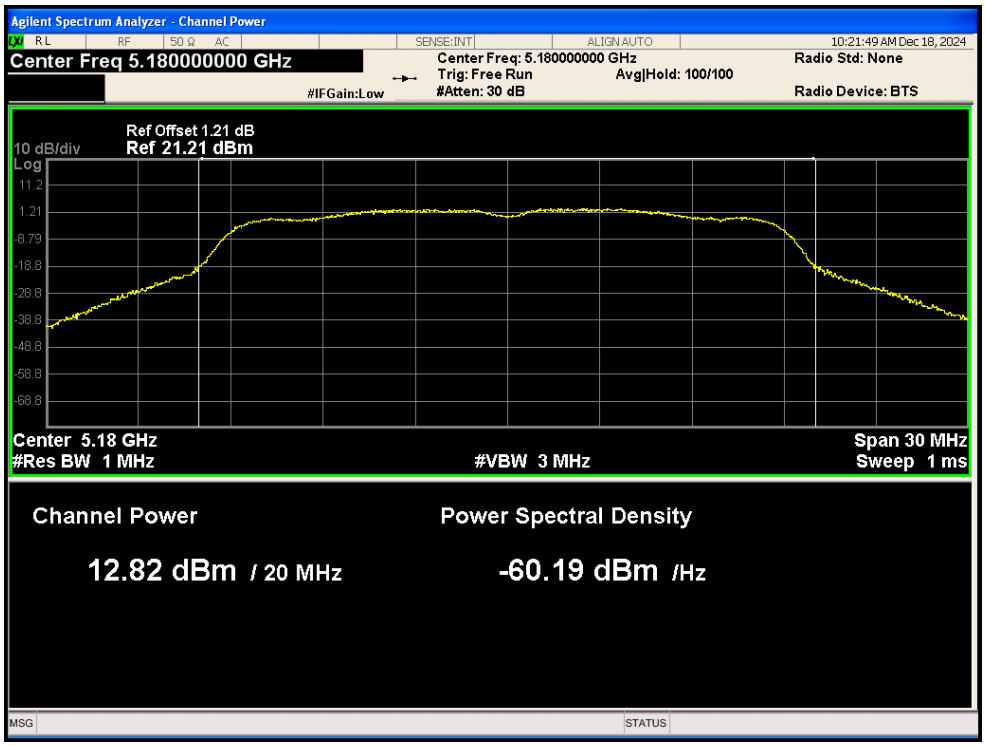
Power NVNT n20 5200MHz Ant1



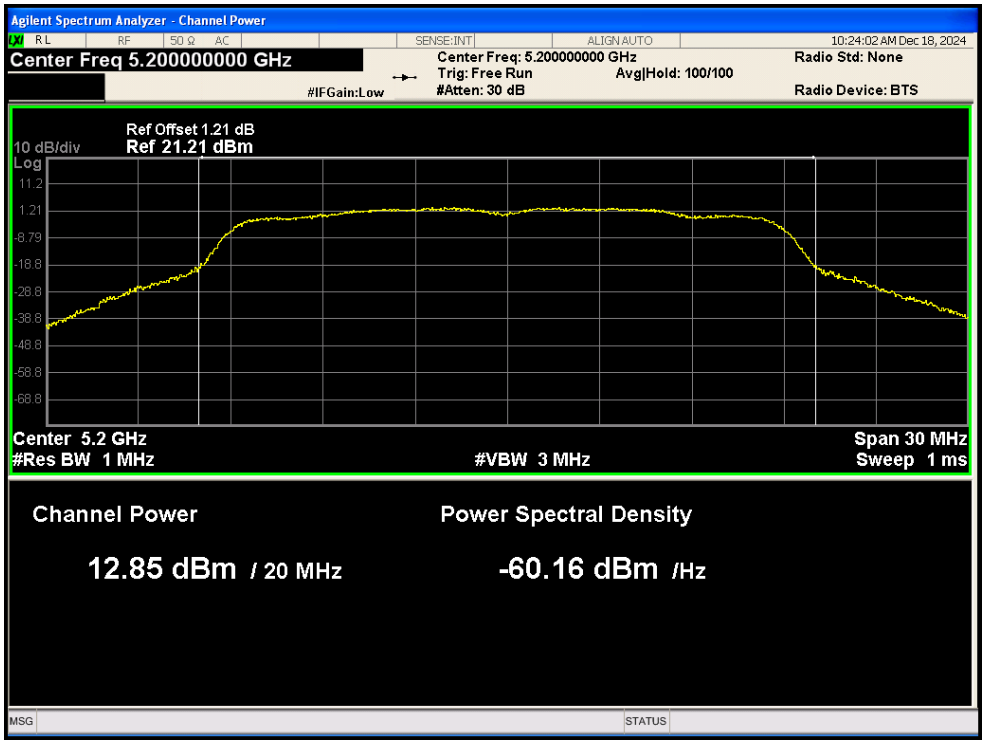
Power NVNT n20 5240MHz Ant1



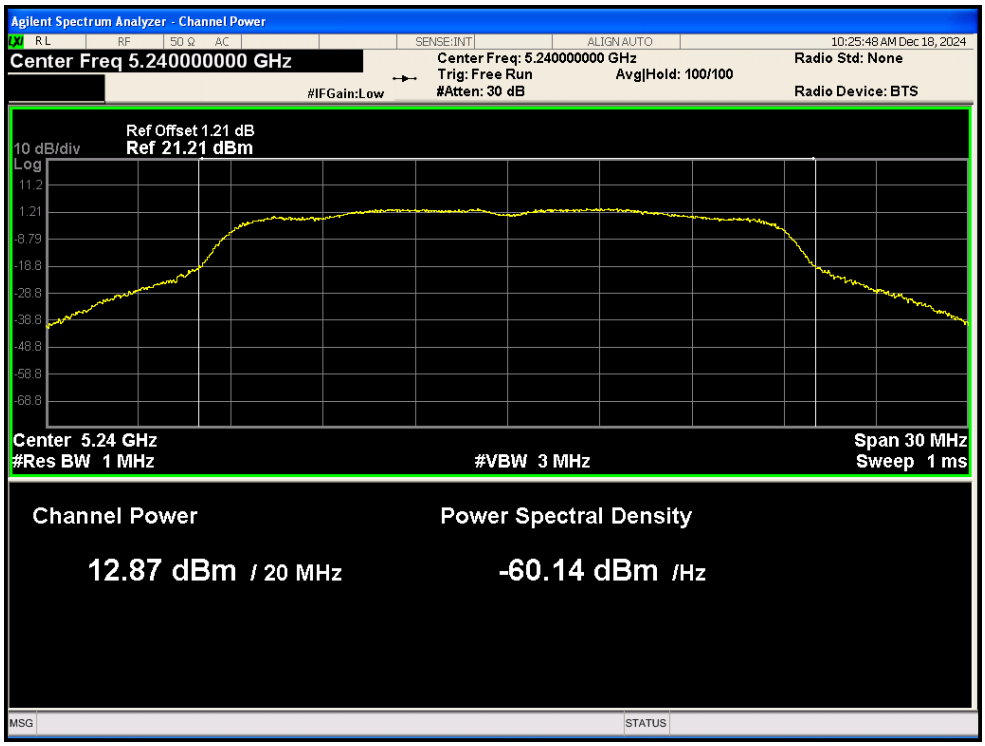
Power NVNT n20 5180MHz Ant2



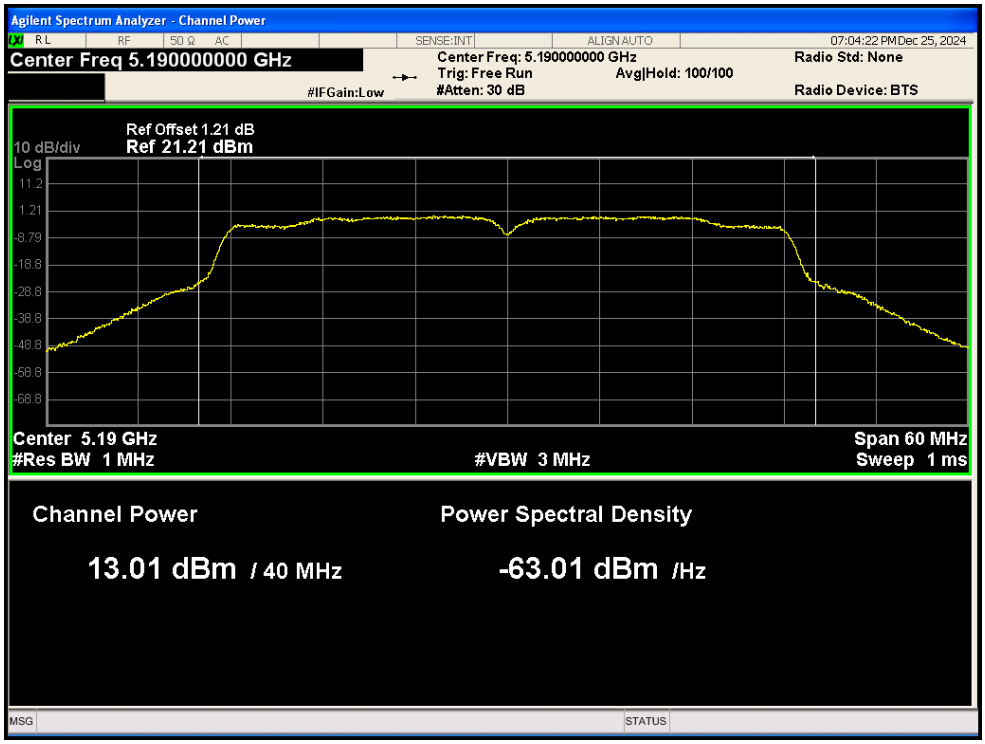
Power NVNT n20 5200MHz Ant2



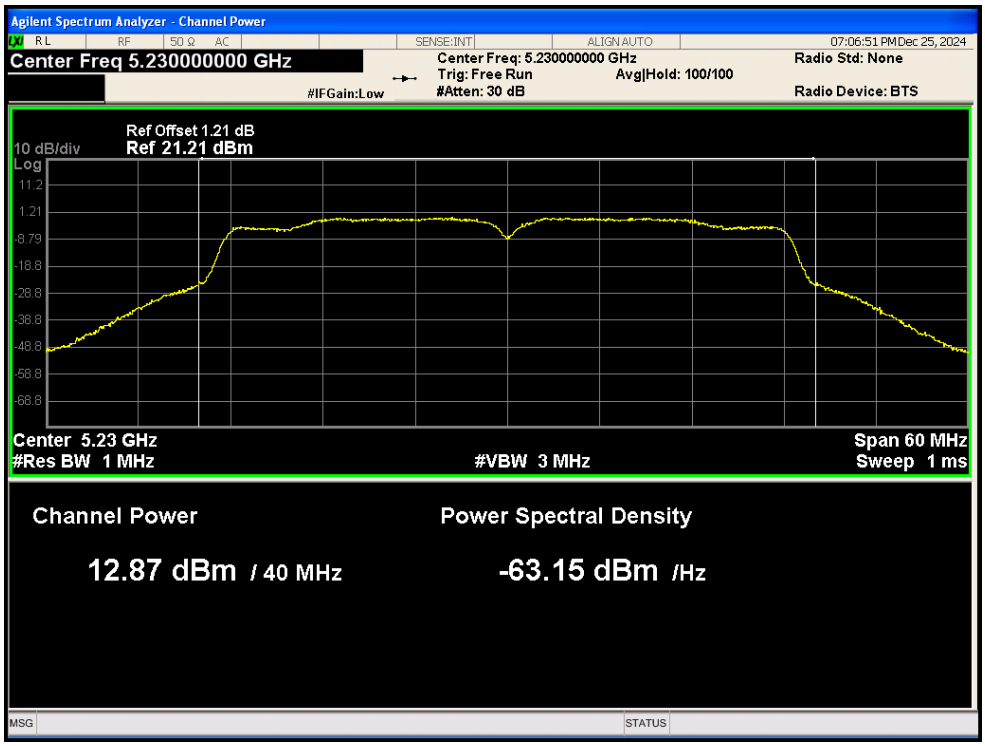
Power NVNT n20 5240MHz Ant2



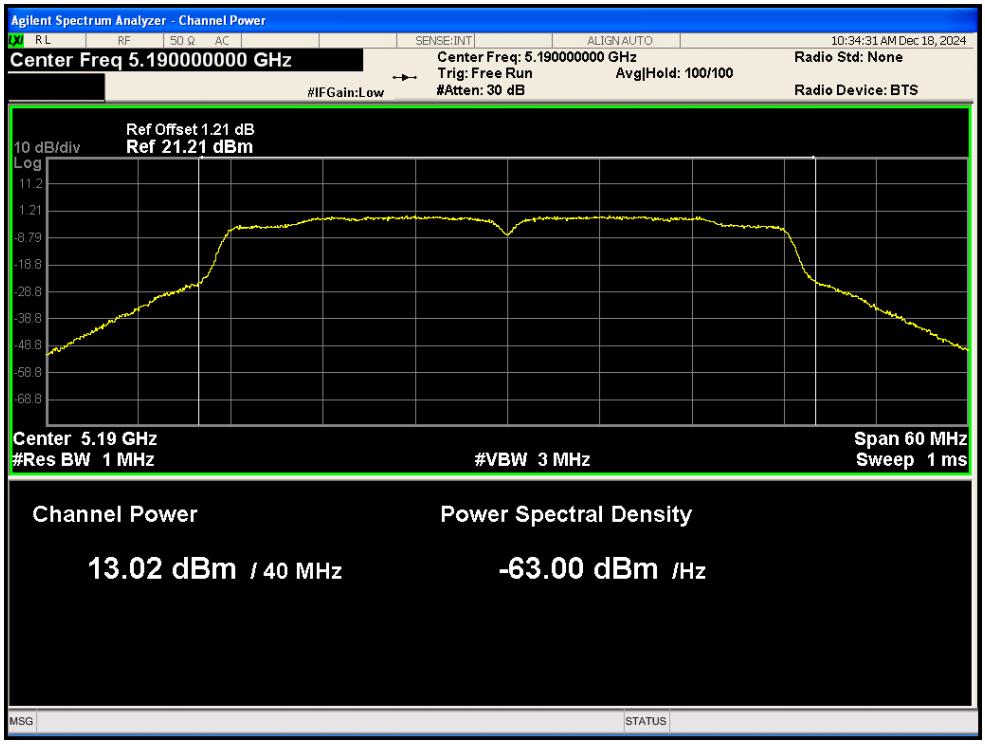
Power NVNT n40 5190MHz Ant1



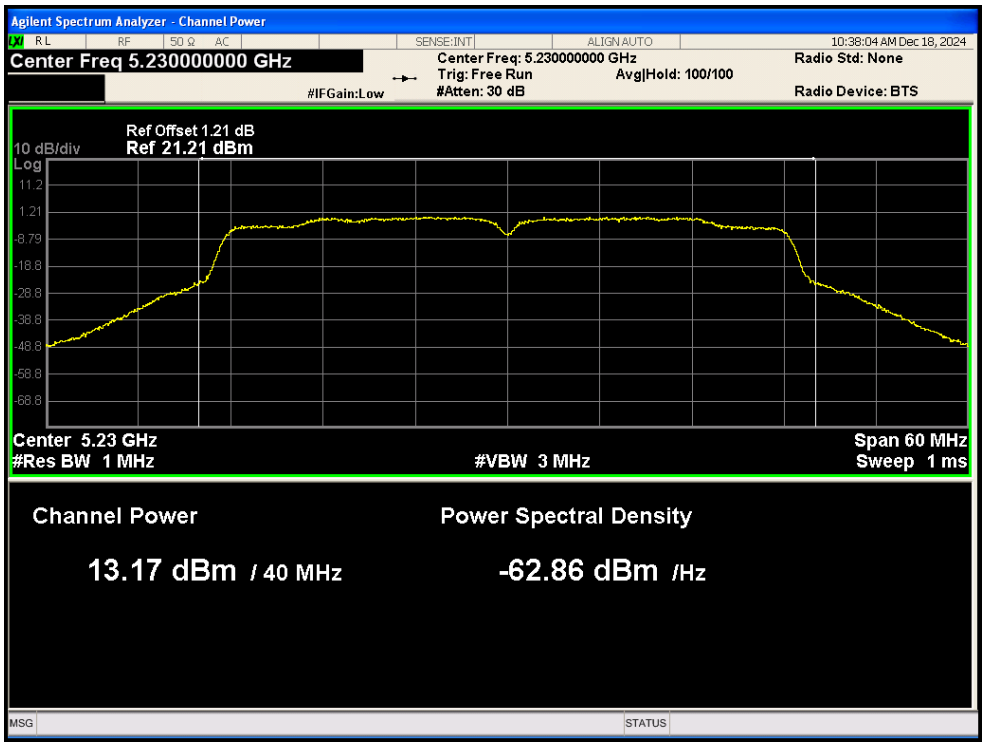
Power NVNT n40 5230MHz Ant1



Power NVNT n40 5190MHz Ant2



Power NVNT n40 5230MHz Ant2

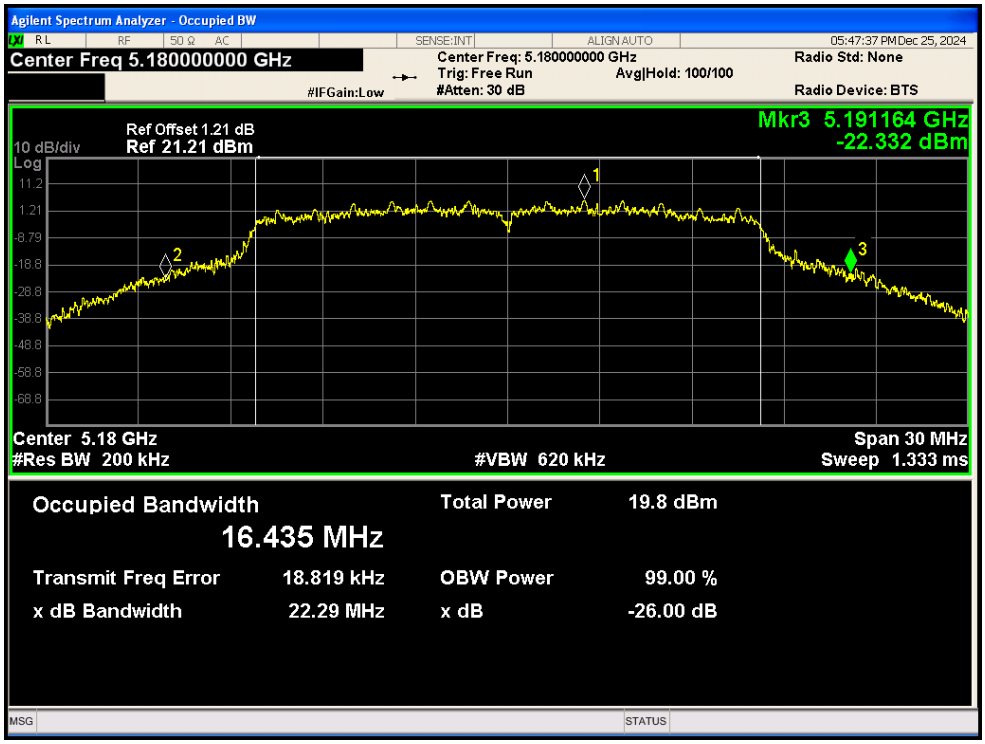


-26dB Bandwidth

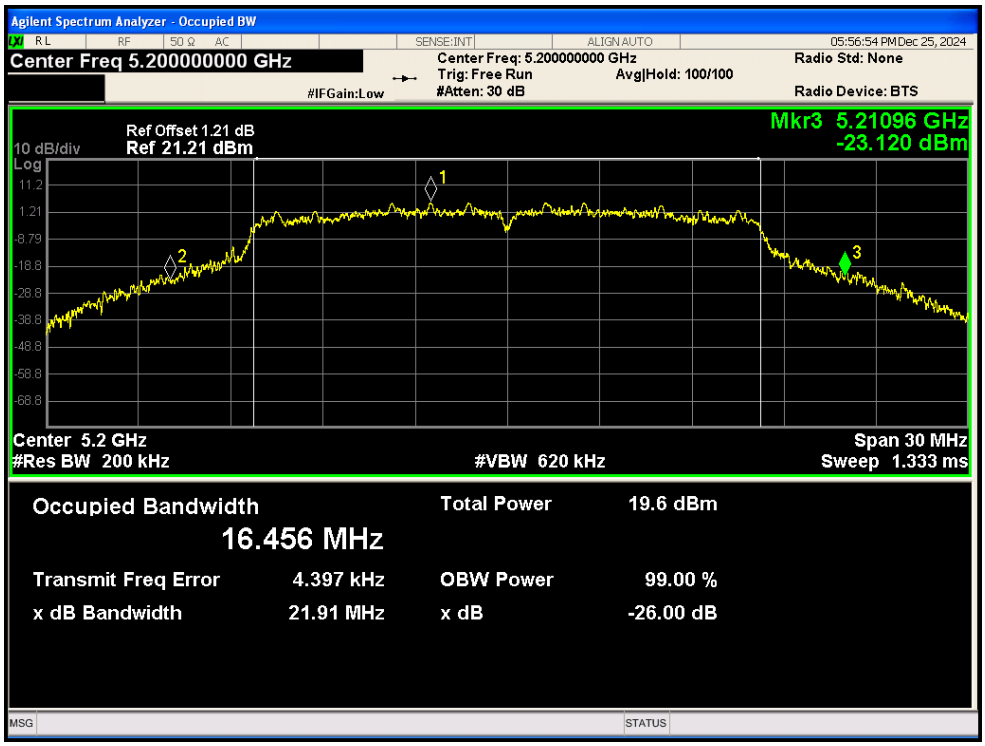
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	22.291	0.5	Pass
NVNT	a	5200	Ant1	21.911	0.5	Pass
NVNT	a	5240	Ant1	21.669	0.5	Pass
NVNT	a	5180	Ant2	22.005	0.5	Pass
NVNT	a	5200	Ant2	22.275	0.5	Pass
NVNT	a	5240	Ant2	22.217	0.5	Pass
NVNT	ac20	5180	Ant1	22.077	0.5	Pass

NVNT	ac20	5200	Ant1	21.852	0.5	Pass
NVNT	ac20	5240	Ant1	22.18	0.5	Pass
NVNT	ac20	5180	Ant2	22.384	0.5	Pass
NVNT	ac20	5200	Ant2	23.067	0.5	Pass
NVNT	ac20	5240	Ant2	22.339	0.5	Pass
NVNT	ac40	5190	Ant1	42.795	0.5	Pass
NVNT	ac40	5230	Ant1	42.883	0.5	Pass
NVNT	ac40	5190	Ant2	42.547	0.5	Pass
NVNT	ac40	5230	Ant2	43.251	0.5	Pass
NVNT	ac80	5210	Ant1	82.926	0.5	Pass
NVNT	ac80	5210	Ant2	84.764	0.5	Pass
NVNT	ax20	5180	Ant1	22.106	0.5	Pass
NVNT	ax20	5200	Ant1	22.903	0.5	Pass
NVNT	ax20	5240	Ant1	22.108	0.5	Pass
NVNT	ax20	5180	Ant2	22.332	0.5	Pass
NVNT	ax20	5200	Ant2	23.991	0.5	Pass
NVNT	ax20	5240	Ant2	22.75	0.5	Pass
NVNT	ax40	5190	Ant1	42.439	0.5	Pass
NVNT	ax40	5230	Ant1	41.888	0.5	Pass
NVNT	ax40	5190	Ant2	41.448	0.5	Pass
NVNT	ax40	5230	Ant2	41.086	0.5	Pass
NVNT	ax80	5210	Ant1	81.108	0.5	Pass
NVNT	ax80	5210	Ant2	81.387	0.5	Pass
NVNT	n20	5180	Ant1	21.429	0.5	Pass
NVNT	n20	5200	Ant1	23.115	0.5	Pass
NVNT	n20	5240	Ant1	22.622	0.5	Pass
NVNT	n20	5180	Ant2	22.048	0.5	Pass
NVNT	n20	5200	Ant2	22.434	0.5	Pass
NVNT	n20	5240	Ant2	22.396	0.5	Pass
NVNT	n40	5190	Ant1	42.282	0.5	Pass
NVNT	n40	5230	Ant1	41.937	0.5	Pass
NVNT	n40	5190	Ant2	41.865	0.5	Pass
NVNT	n40	5230	Ant2	42.738	0.5	Pass

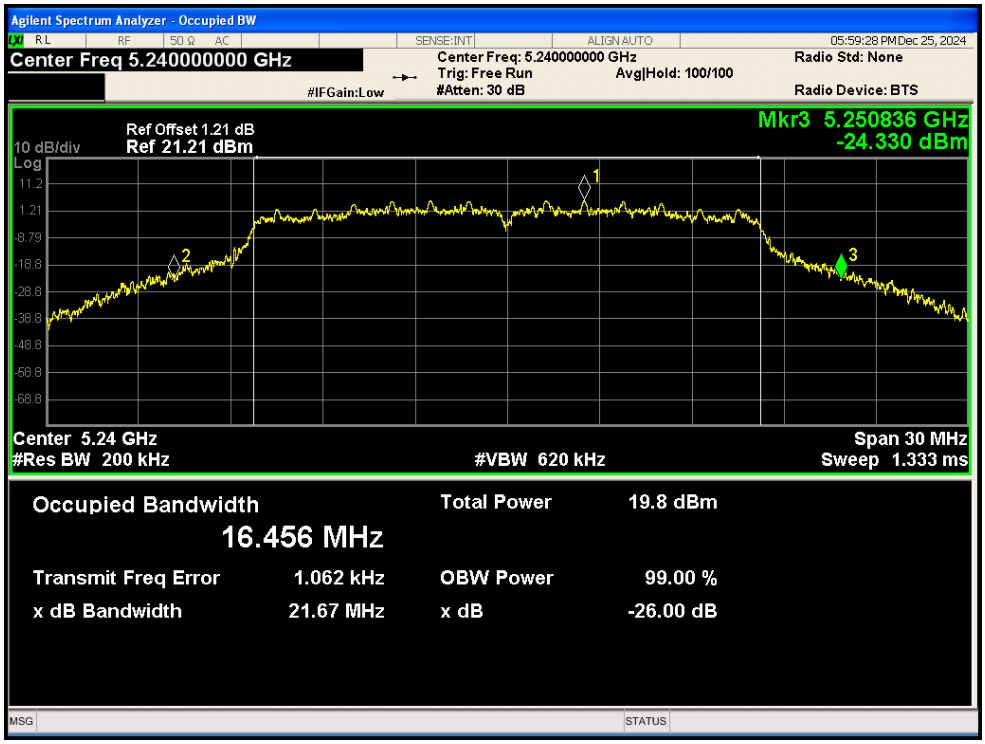
-26dB Bandwidth NVNT a 5180MHz Ant1



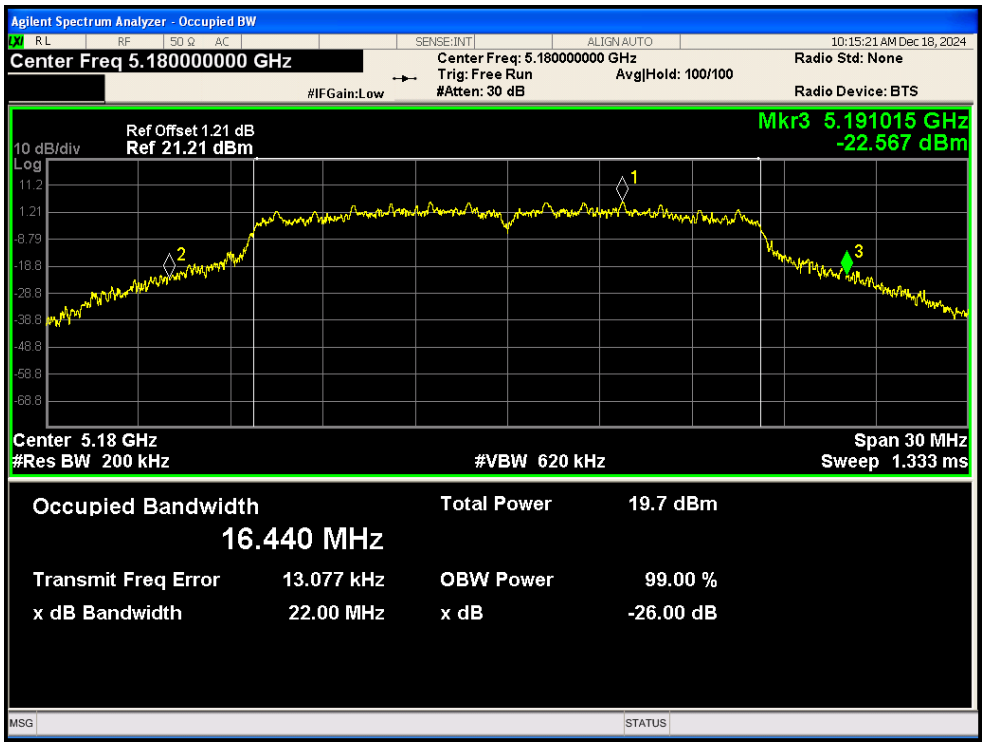
-26dB Bandwidth NVNT a 5200MHz Ant1



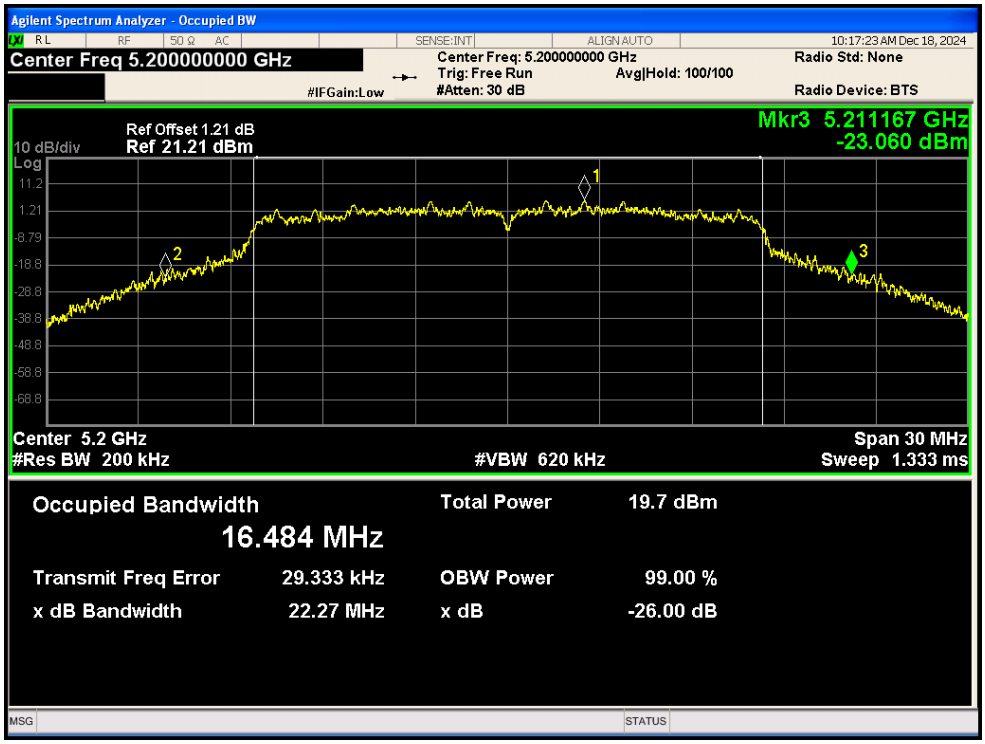
-26dB Bandwidth NVNT a 5240MHz Ant1



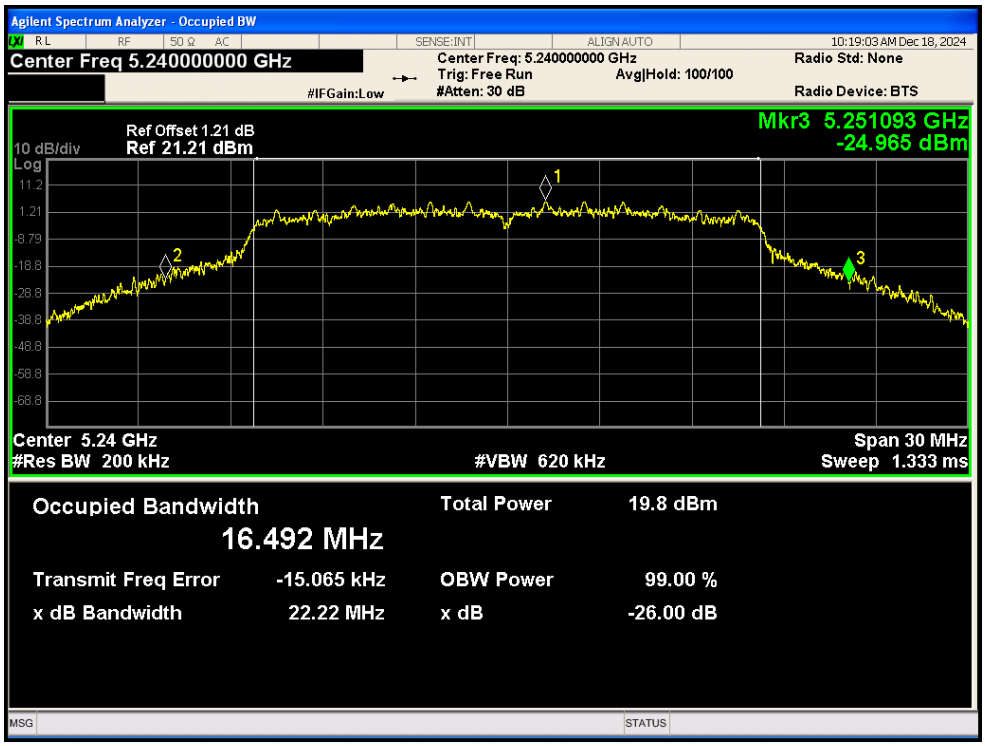
-26dB Bandwidth NVNT a 5180MHz Ant2



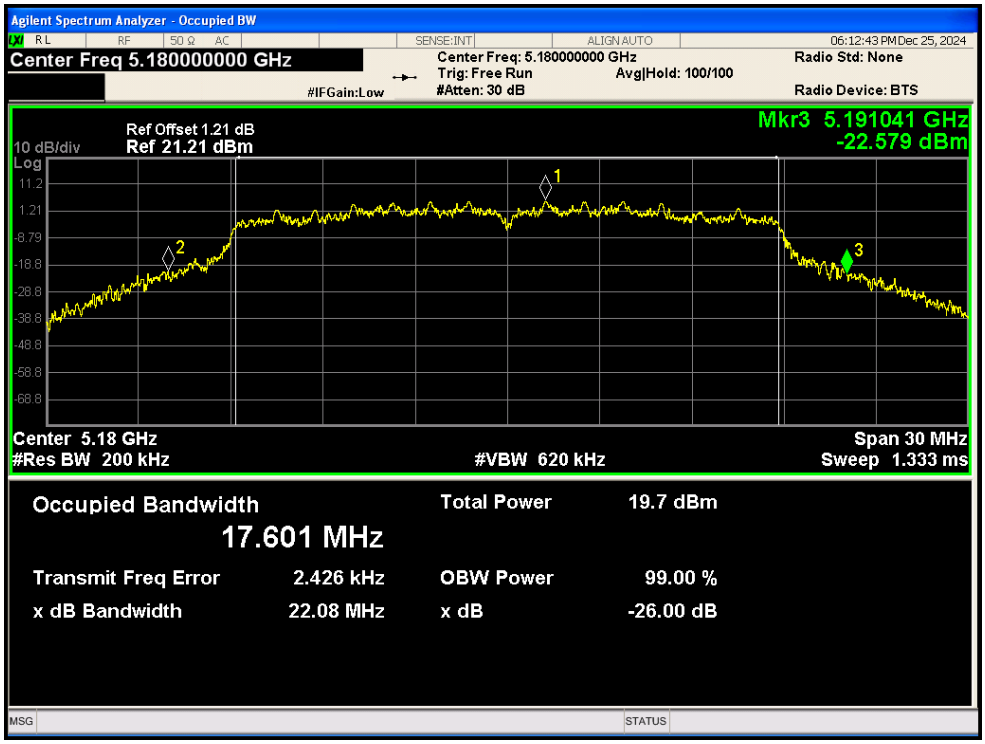
-26dB Bandwidth NVNT a 5200MHz Ant2



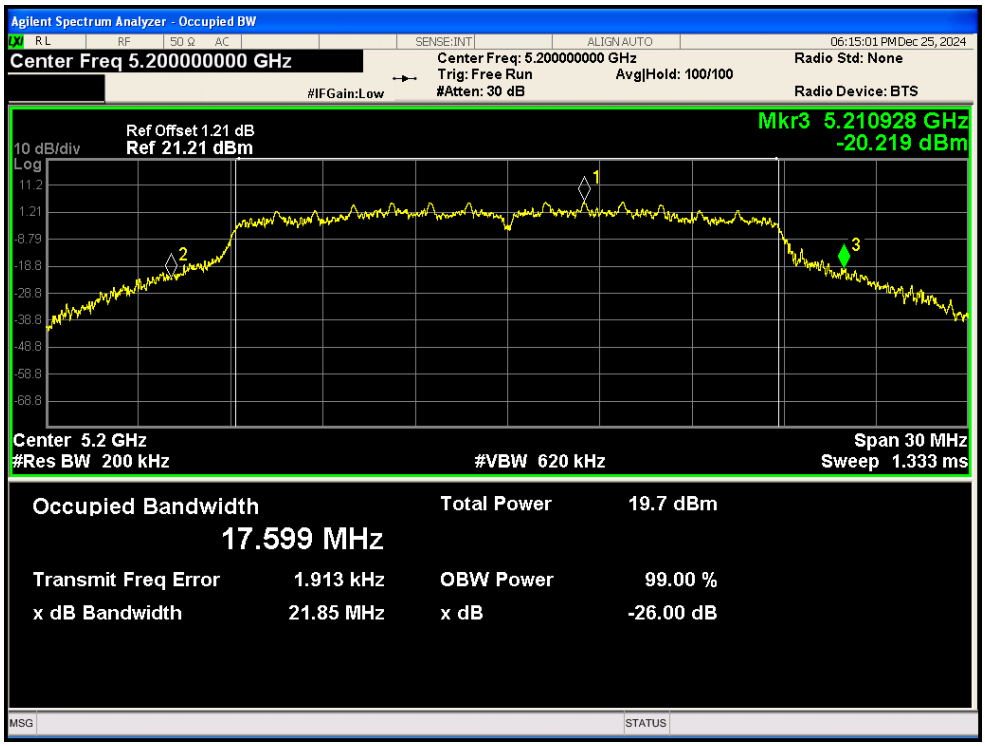
-26dB Bandwidth NVNT a 5240MHz Ant2



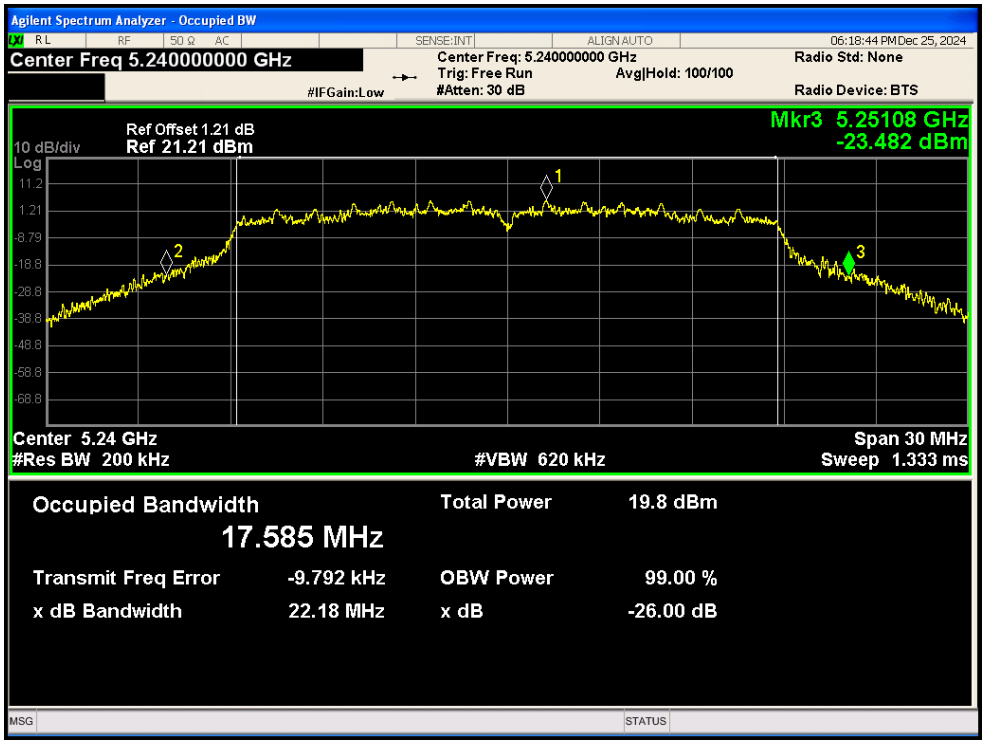
-26dB Bandwidth NVNT ac20 5180MHz Ant1



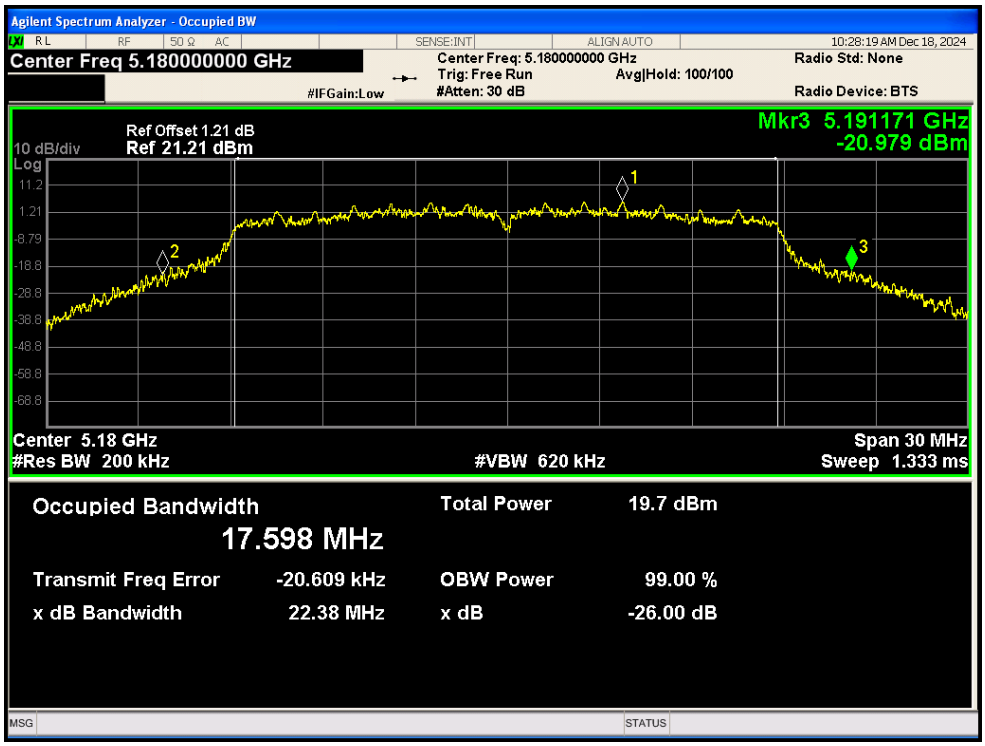
-26dB Bandwidth NVNT ac20 5200MHz Ant1



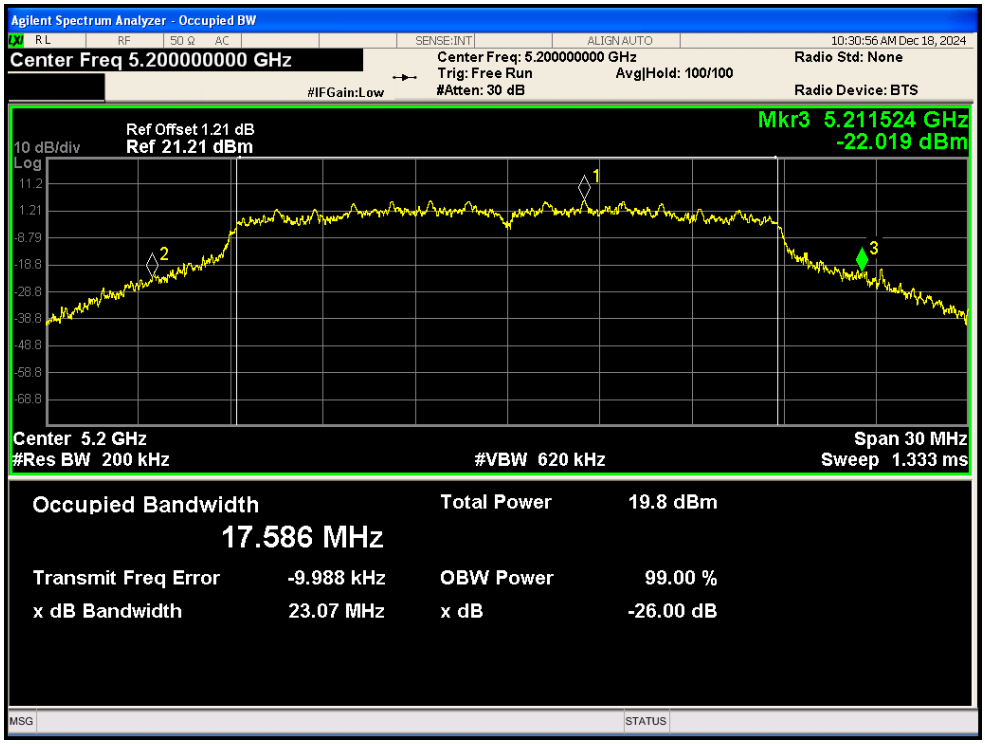
-26dB Bandwidth NVNT ac20 5240MHz Ant1



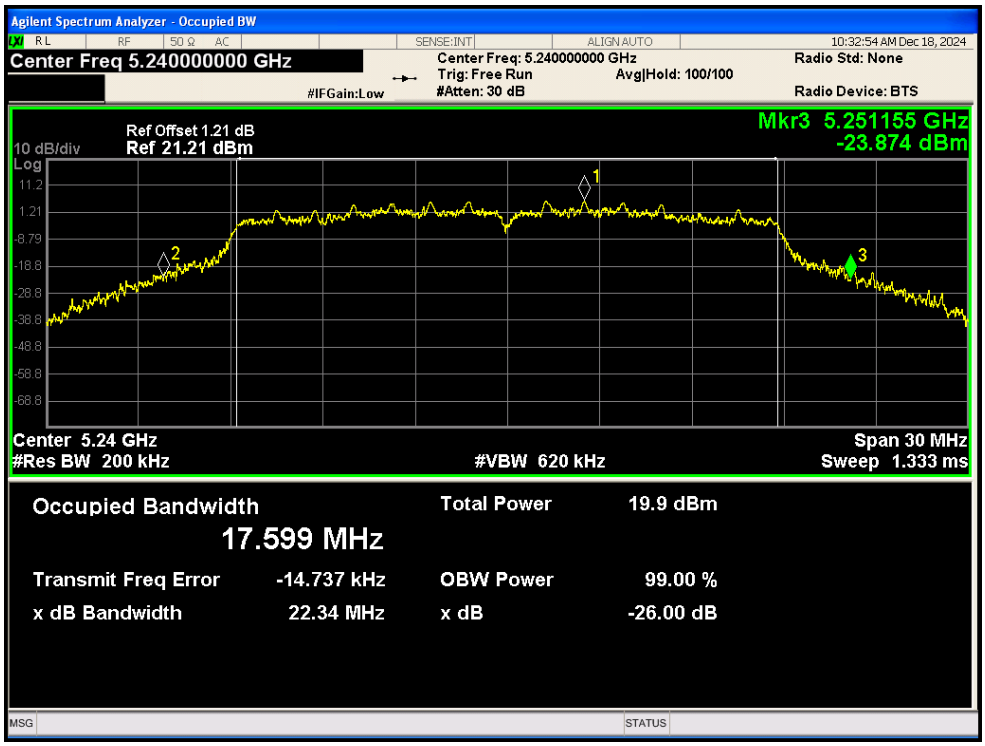
-26dB Bandwidth NVNT ac20 5180MHz Ant2



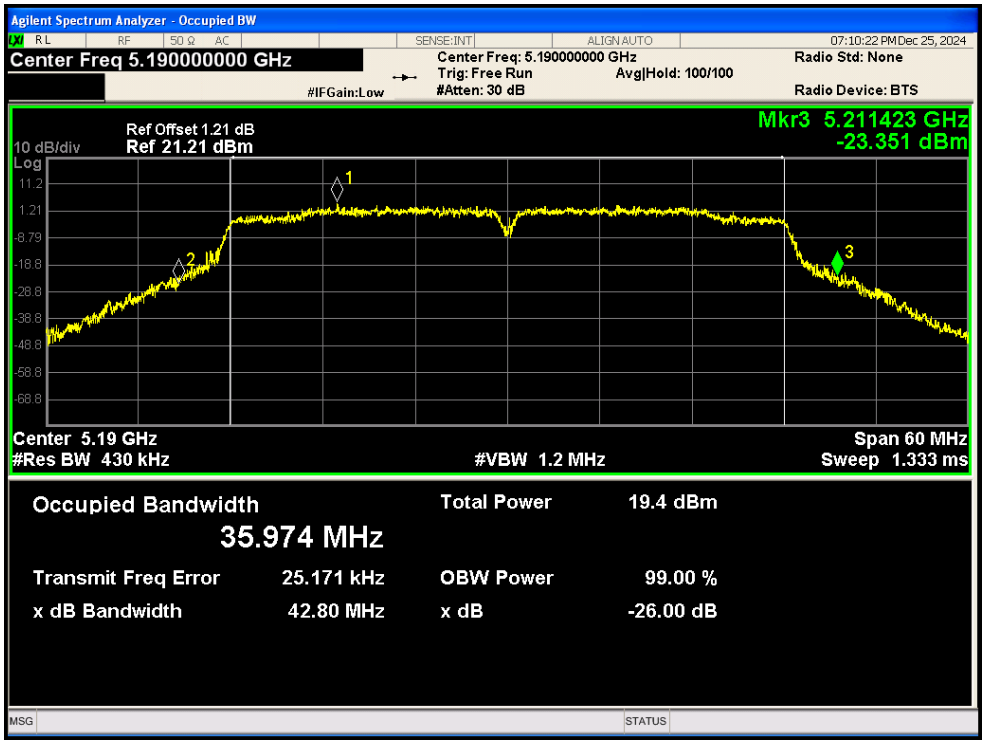
-26dB Bandwidth NVNT ac20 5200MHz Ant2



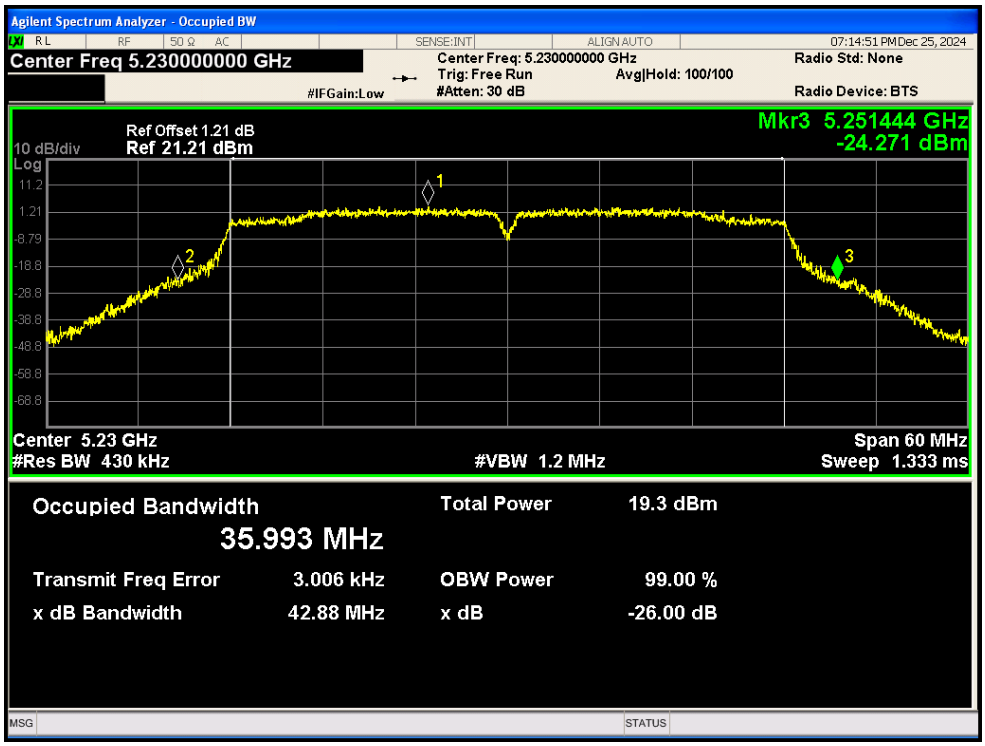
-26dB Bandwidth NVNT ac20 5240MHz Ant2



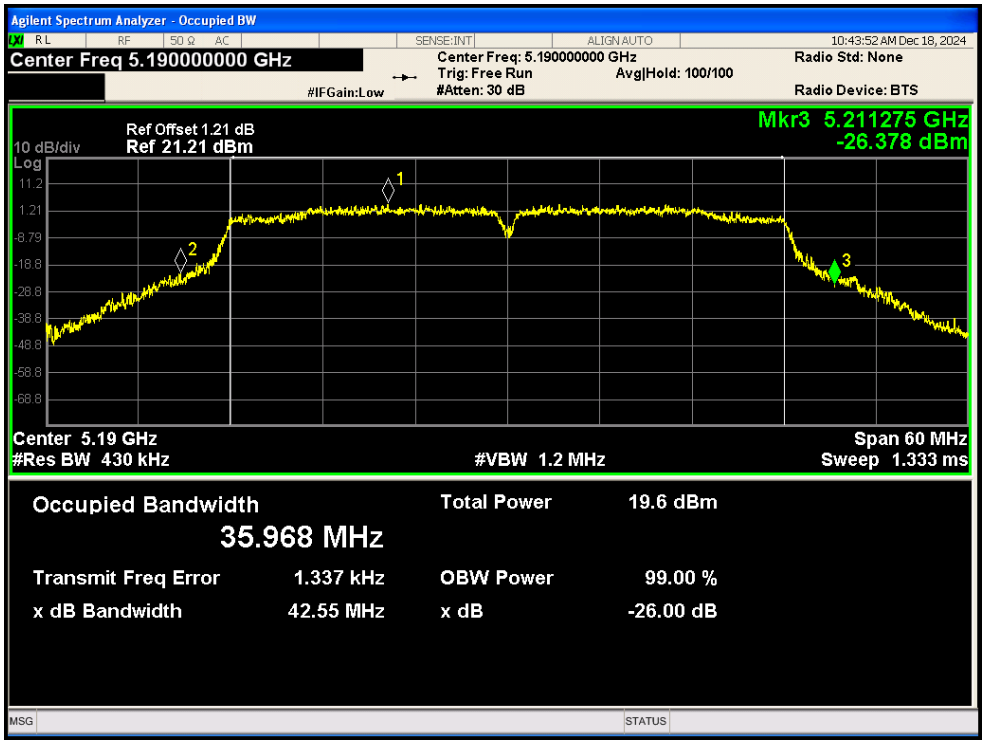
-26dB Bandwidth NVNT ac40 5190MHz Ant1



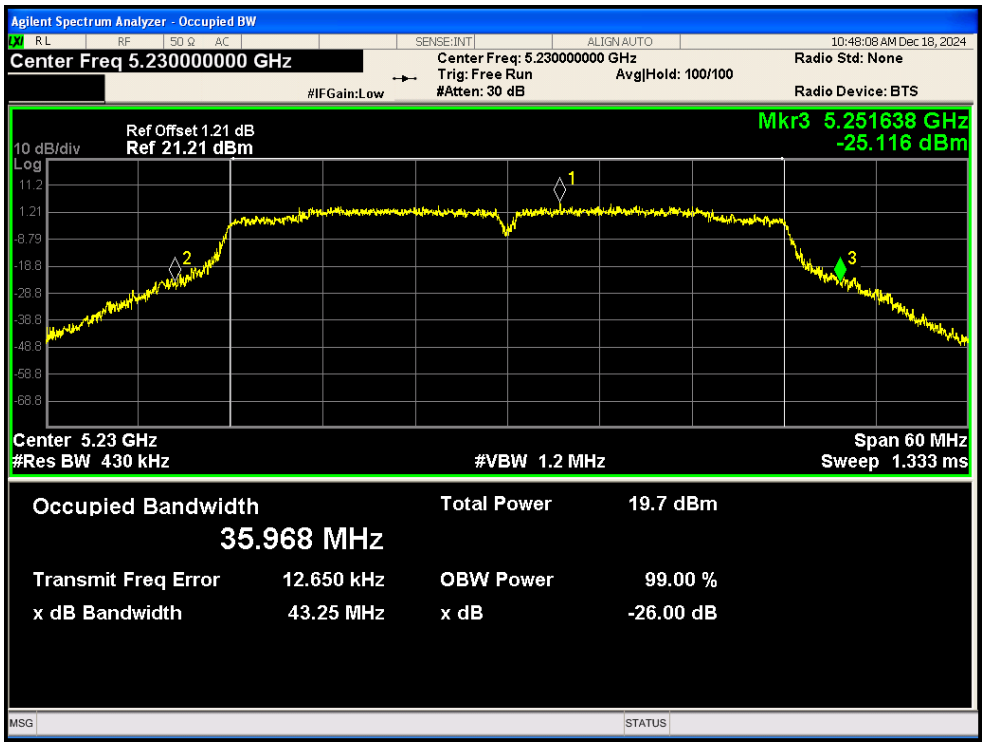
-26dB Bandwidth NVNT ac40 5230MHz Ant1



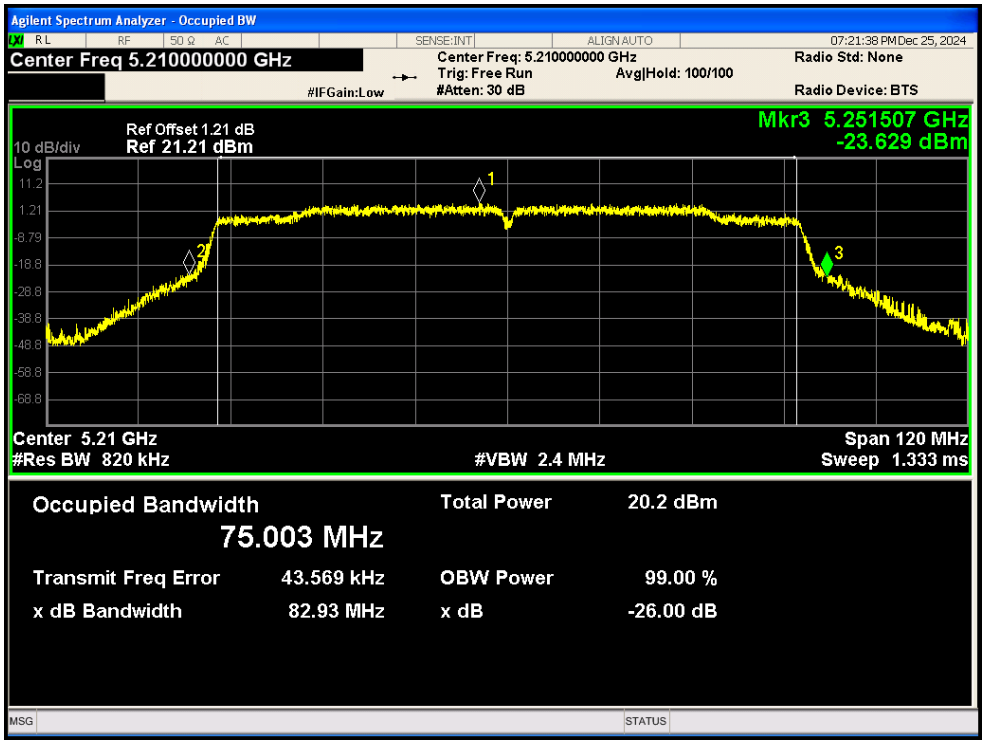
-26dB Bandwidth NVNT ac40 5190MHz Ant2



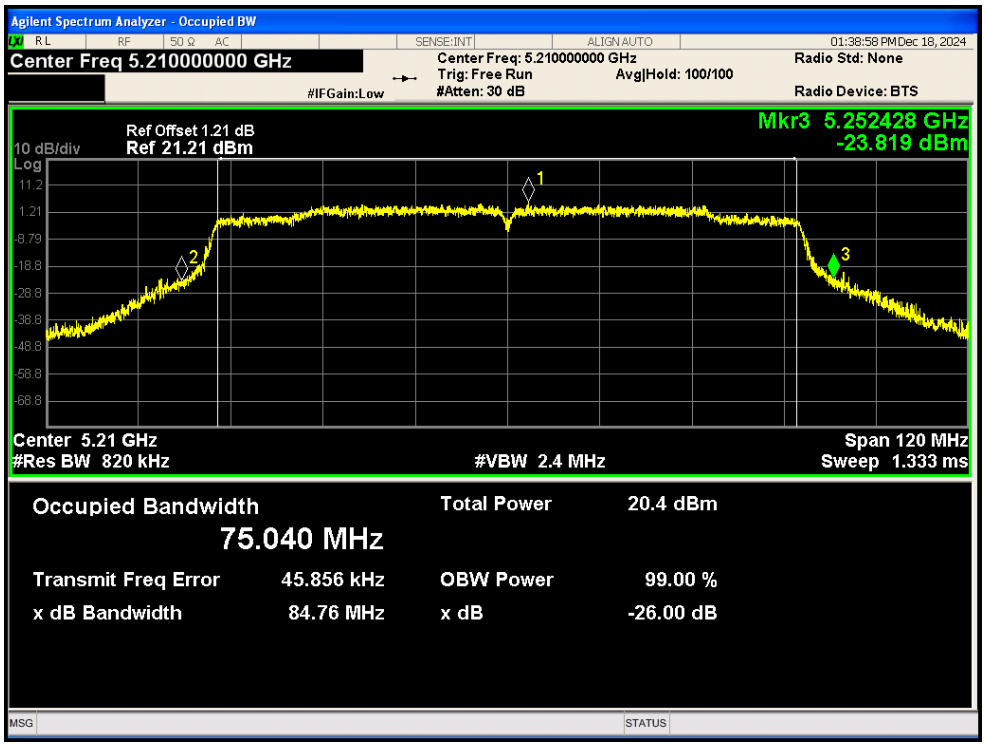
-26dB Bandwidth NVNT ac40 5230MHz Ant2



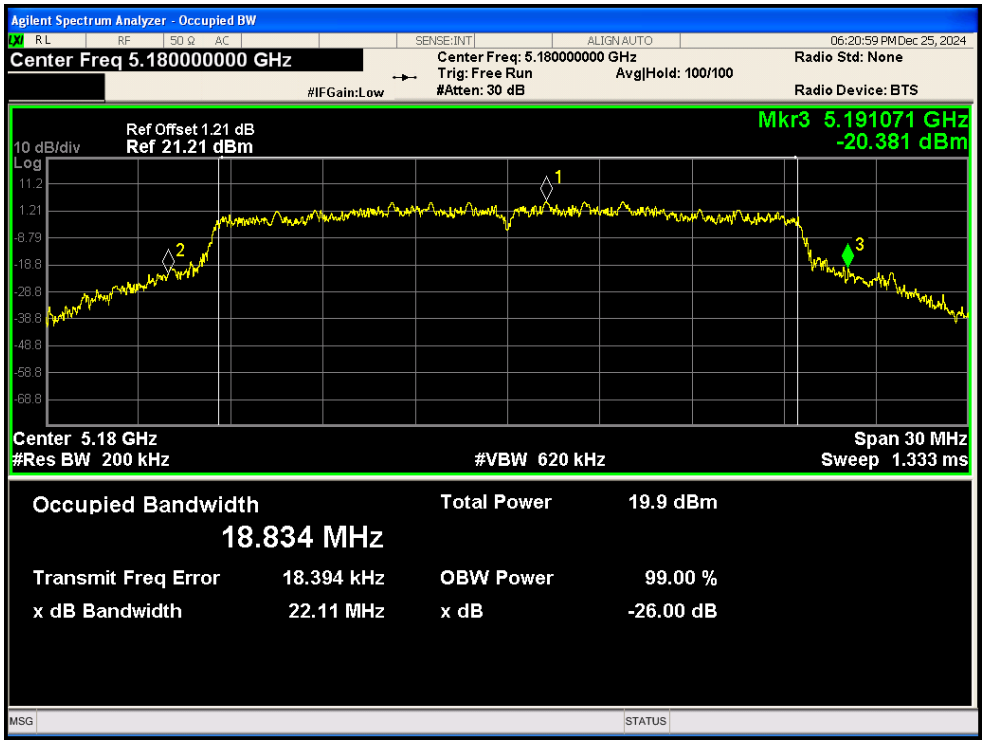
-26dB Bandwidth NVNT ac80 5210MHz Ant1



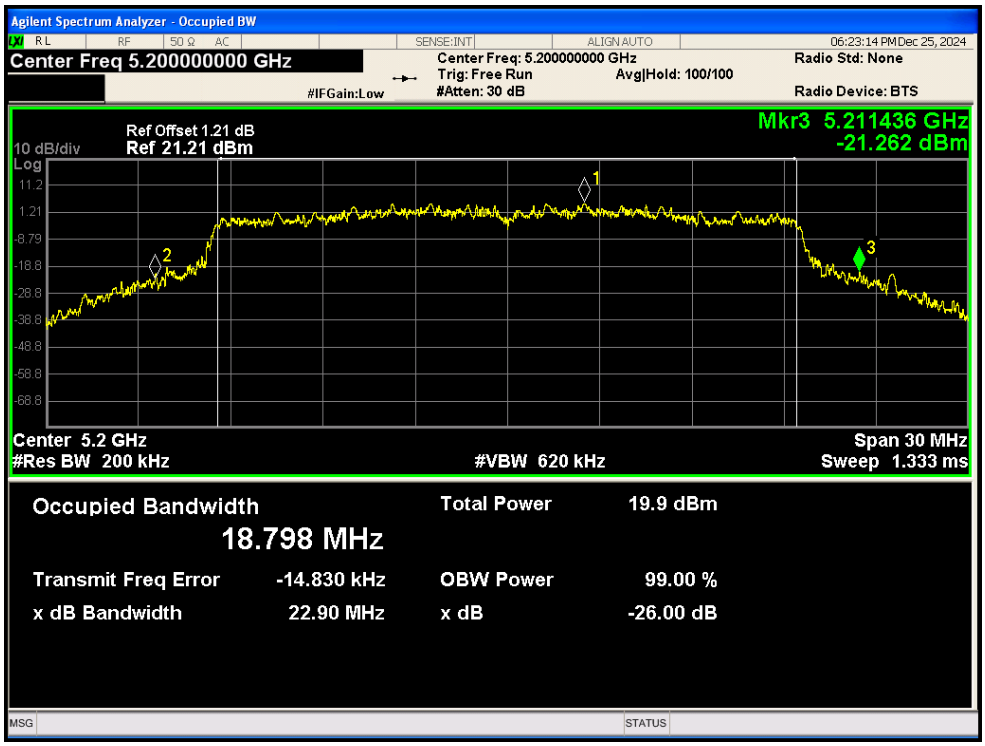
-26dB Bandwidth NVNT ac80 5210MHz Ant2



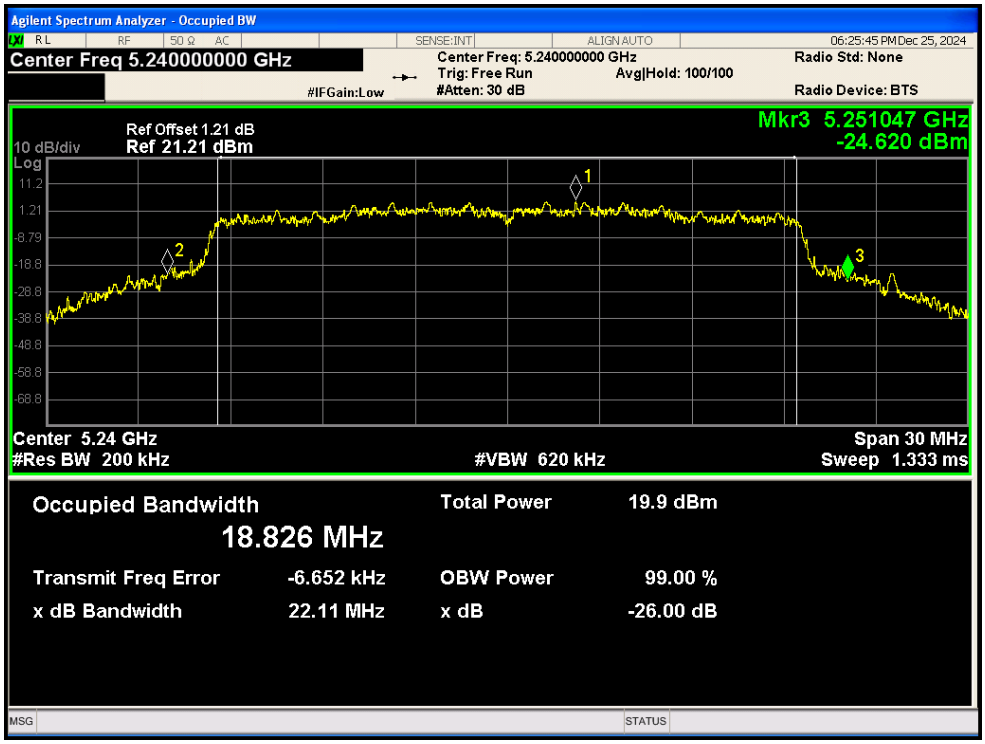
-26dB Bandwidth NVNT ax20 5180MHz Ant1



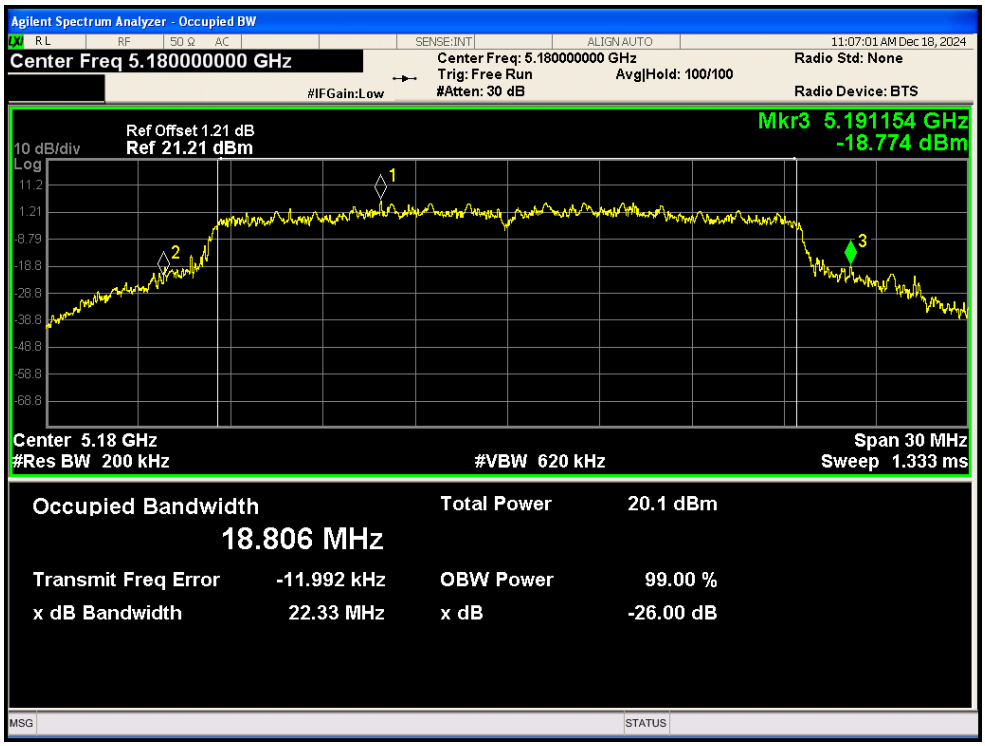
-26dB Bandwidth NVNT ax20 5200MHz Ant1



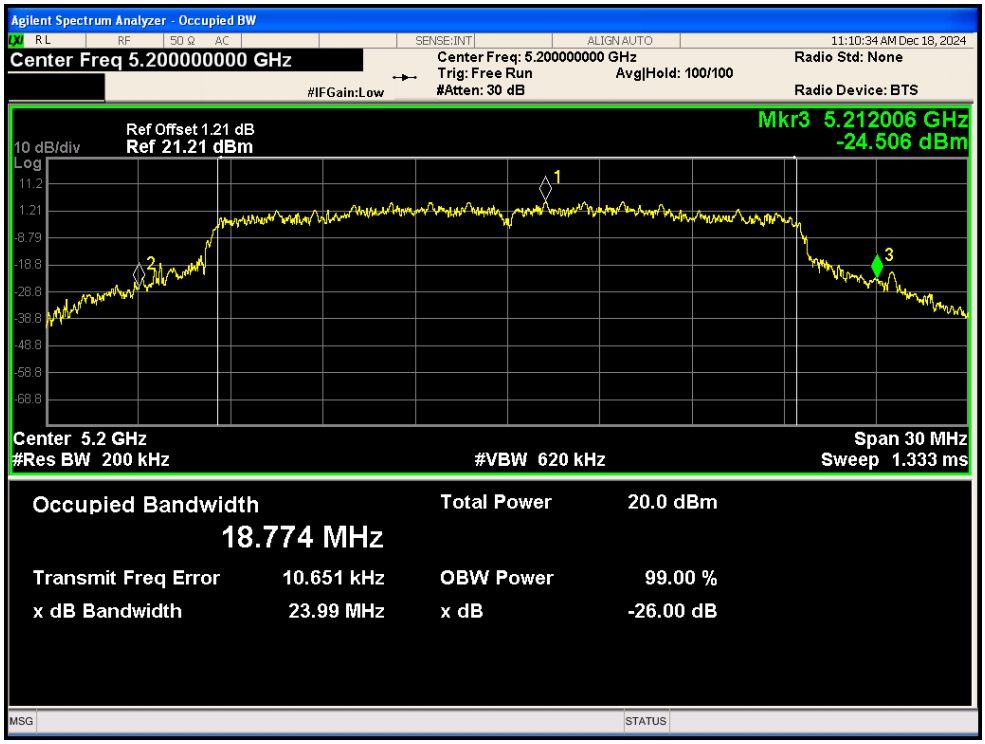
-26dB Bandwidth NVNT ax20 5240MHz Ant1



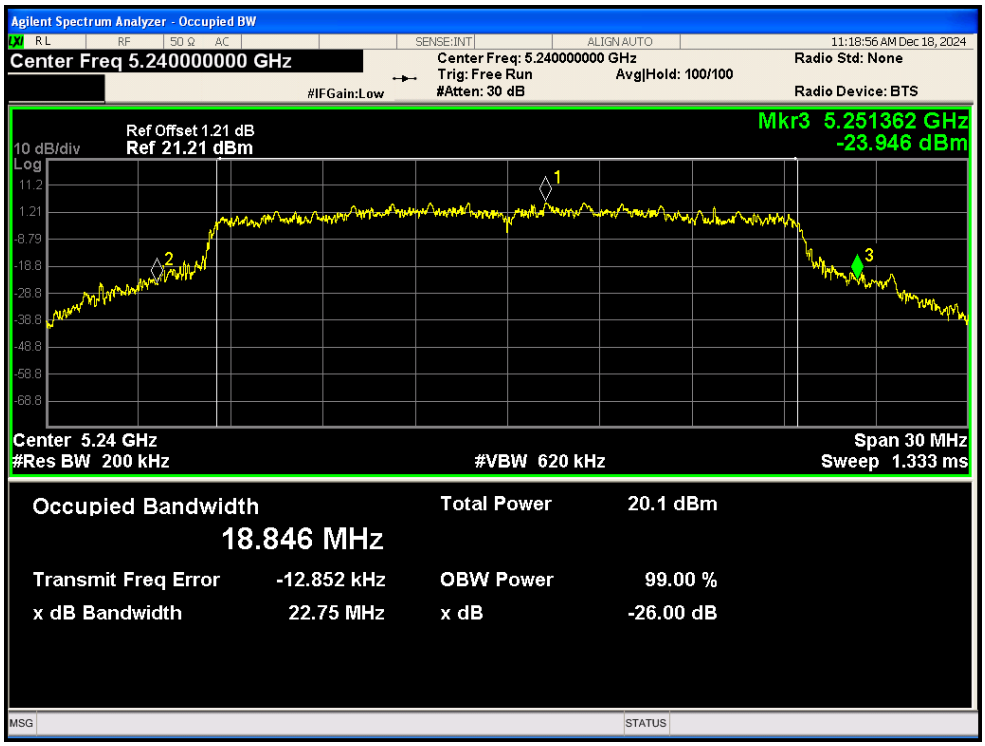
-26dB Bandwidth NVNT ax20 5180MHz Ant2



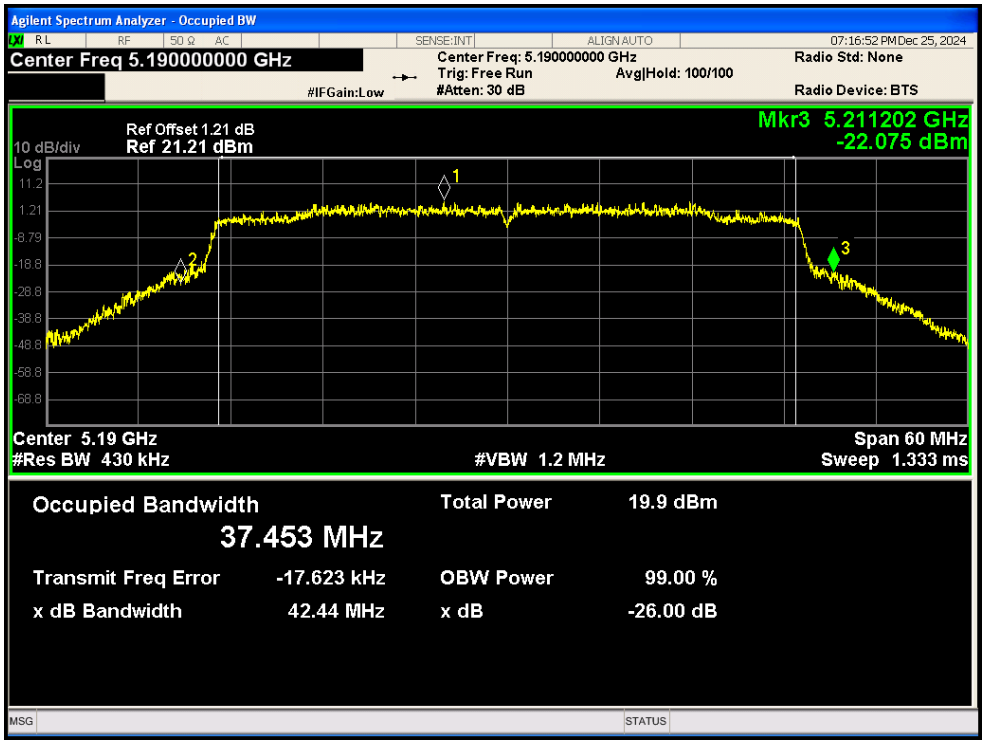
-26dB Bandwidth NVNT ax20 5200MHz Ant2



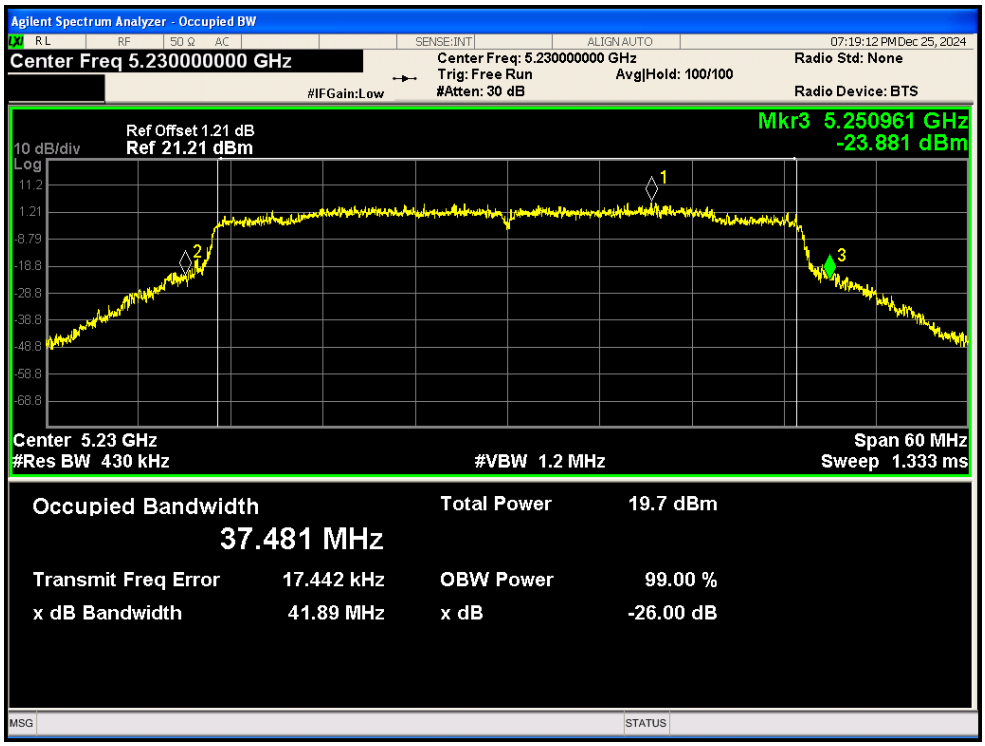
-26dB Bandwidth NVNT ax20 5240MHz Ant2



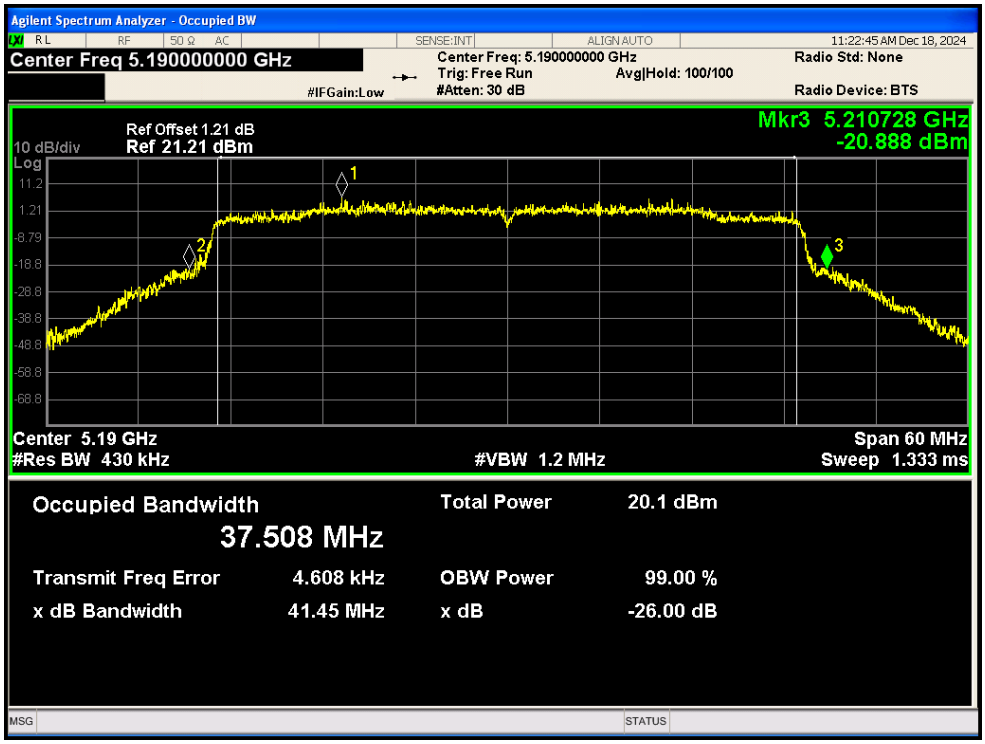
-26dB Bandwidth NVNT ax40 5190MHz Ant1



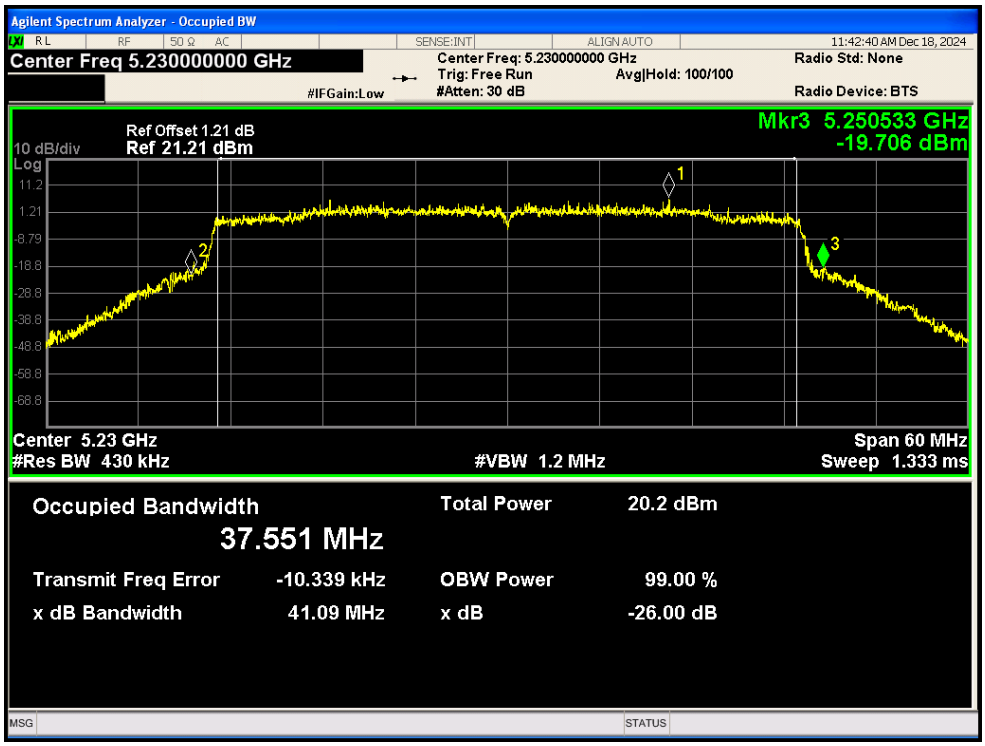
-26dB Bandwidth NVNT ax40 5230MHz Ant1



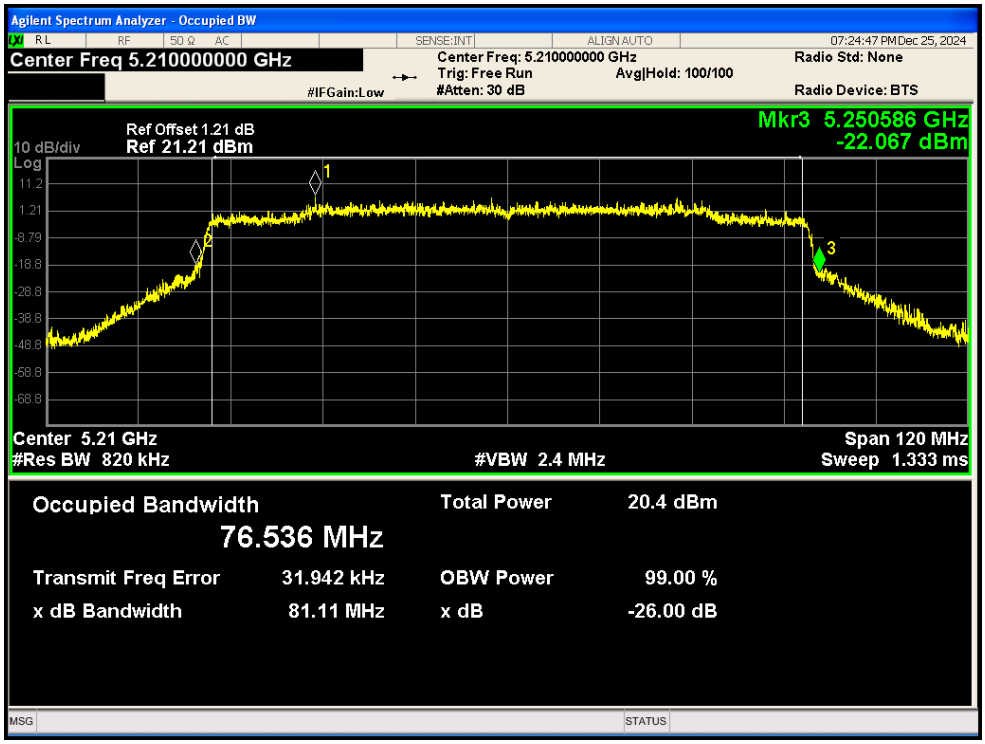
-26dB Bandwidth NVNT ax40 5190MHz Ant2



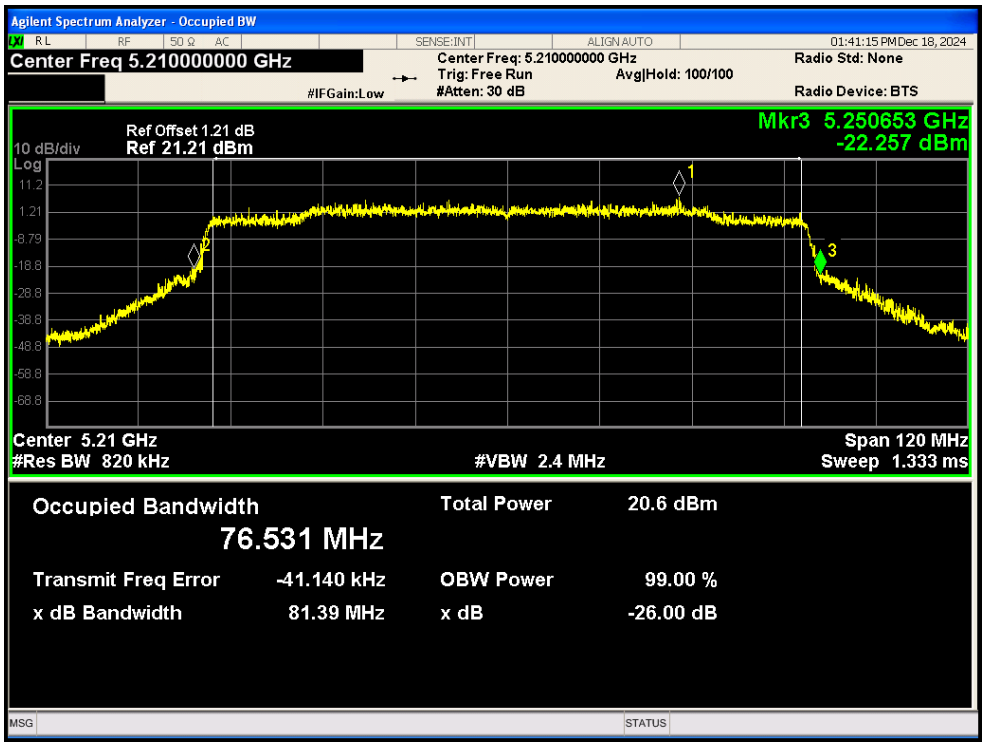
-26dB Bandwidth NVNT ax40 5230MHz Ant2



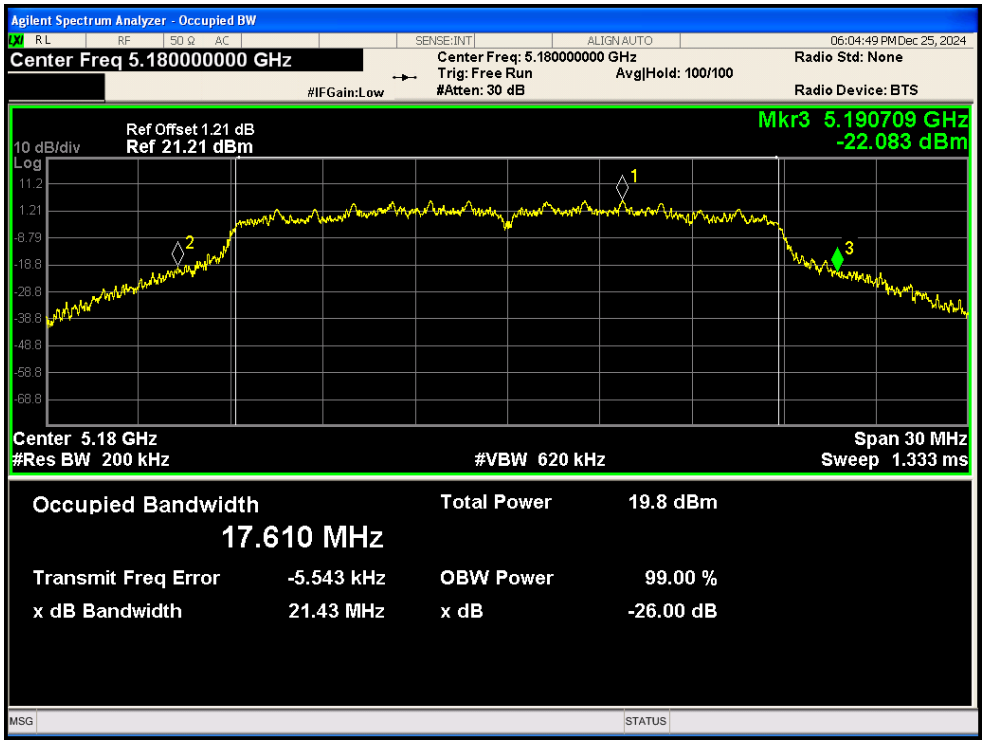
-26dB Bandwidth NVNT ax80 5210MHz Ant1



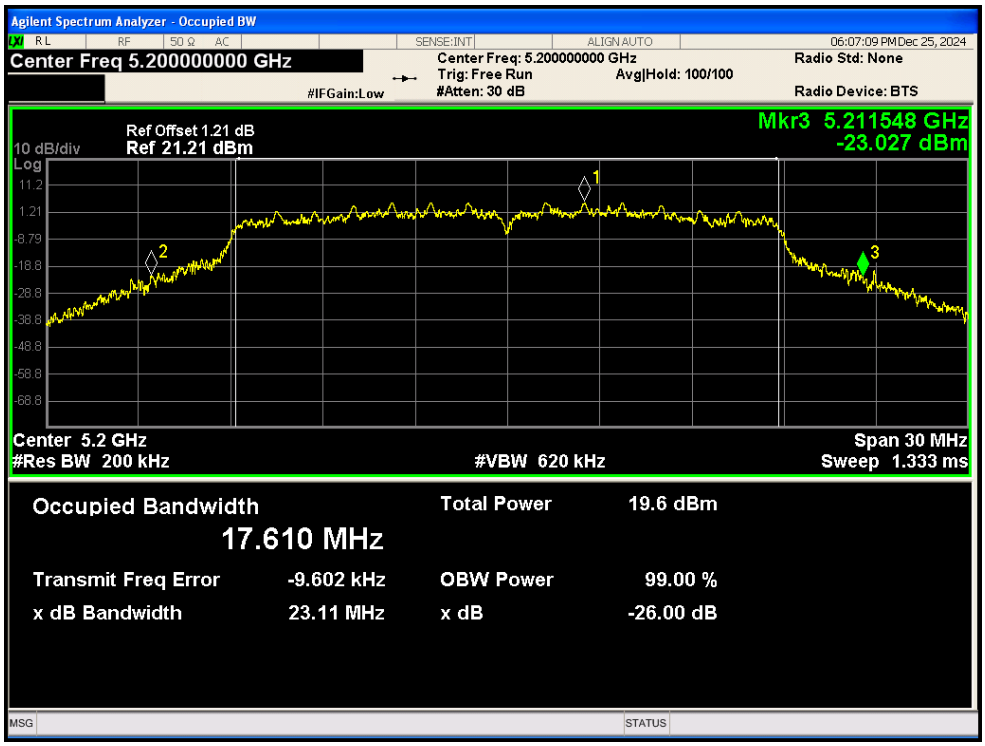
-26dB Bandwidth NVNT ax80 5210MHz Ant2



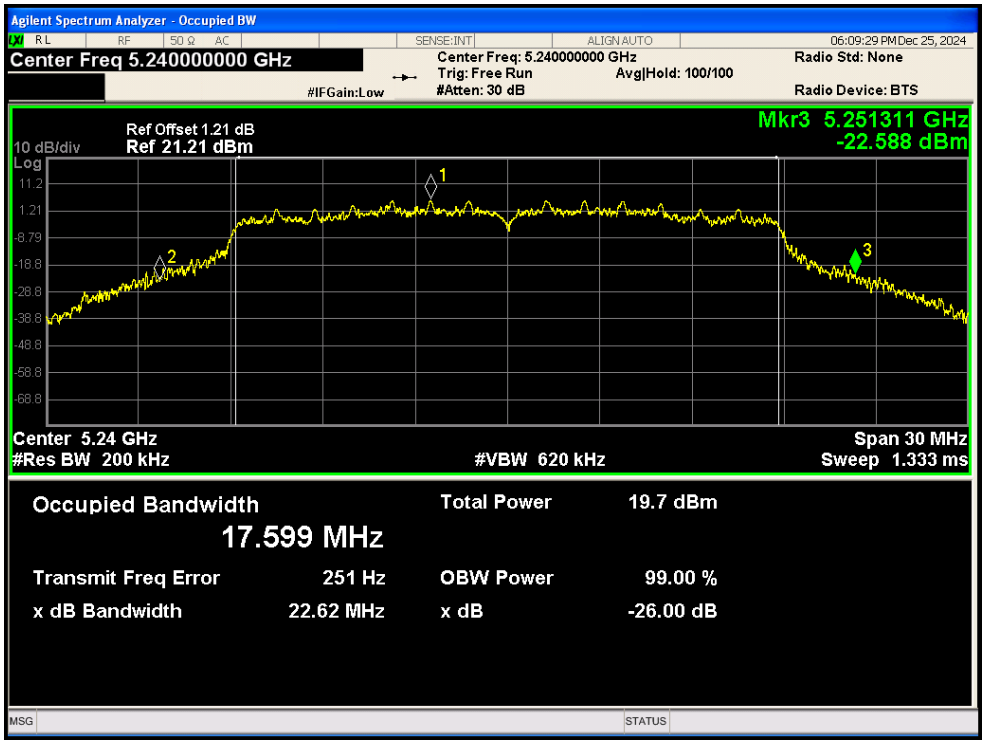
-26dB Bandwidth NVNT n20 5180MHz Ant1



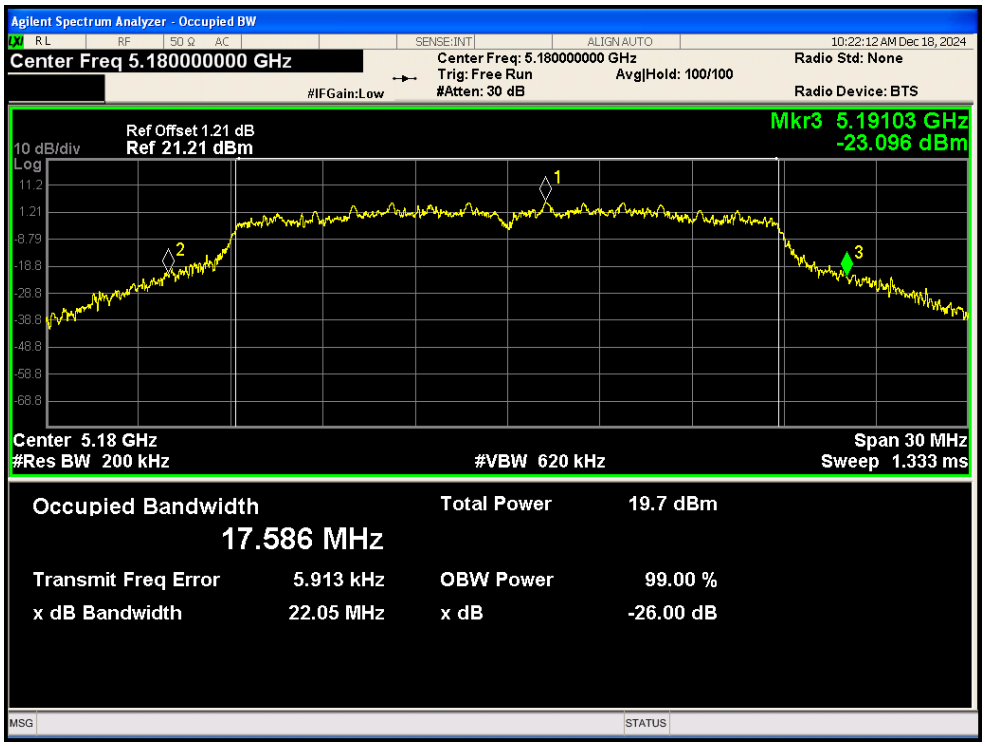
-26dB Bandwidth NVNT n20 5200MHz Ant1



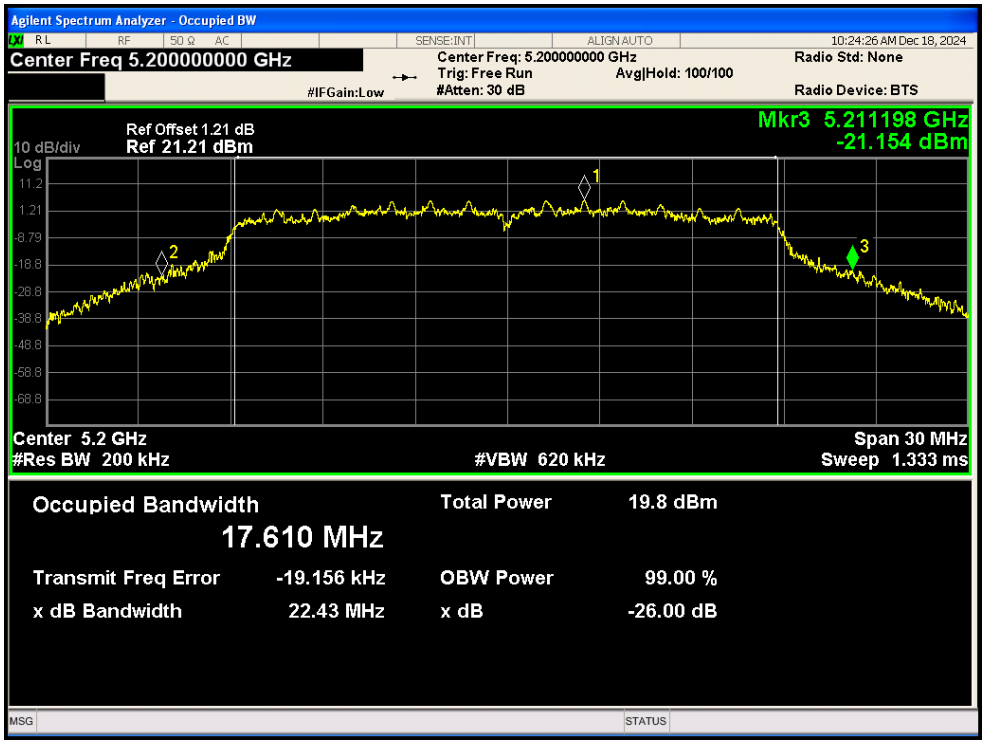
-26dB Bandwidth NVNT n20 5240MHz Ant1



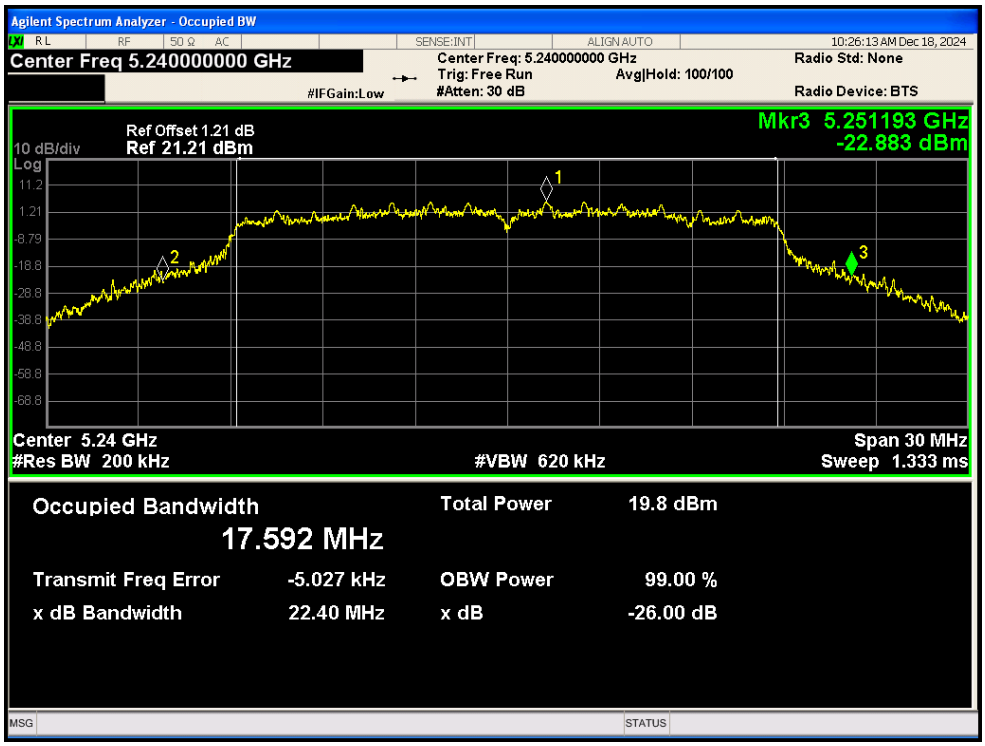
-26dB Bandwidth NVNT n20 5180MHz Ant2



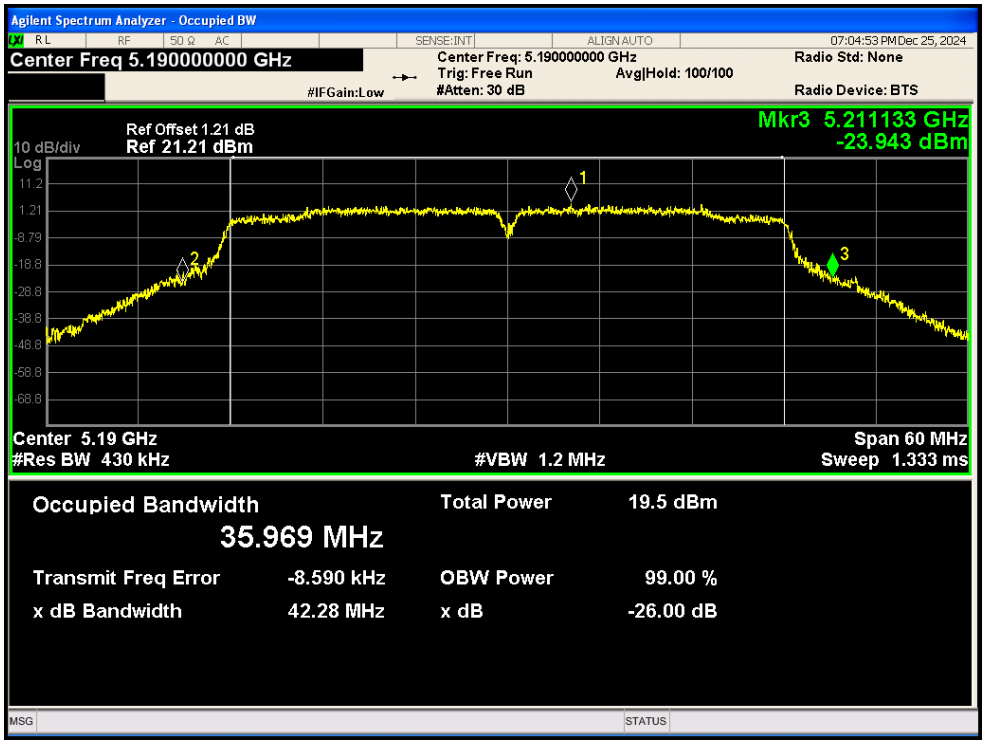
-26dB Bandwidth NVNT n20 5200MHz Ant2



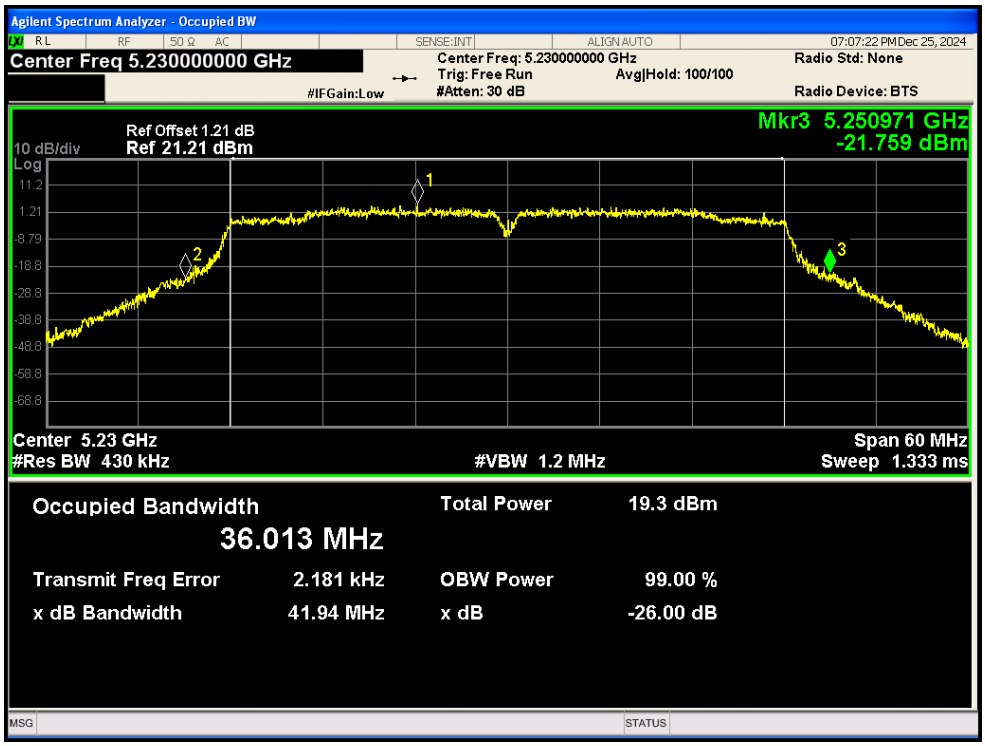
-26dB Bandwidth NVNT n20 5240MHz Ant2



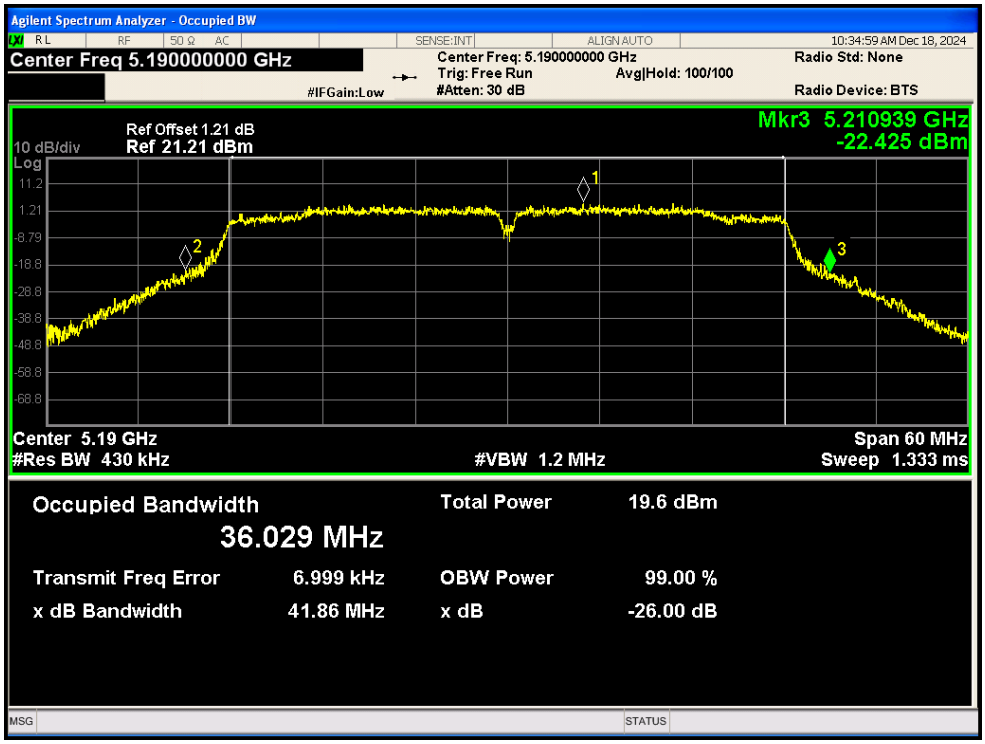
-26dB Bandwidth NVNT n40 5190MHz Ant1



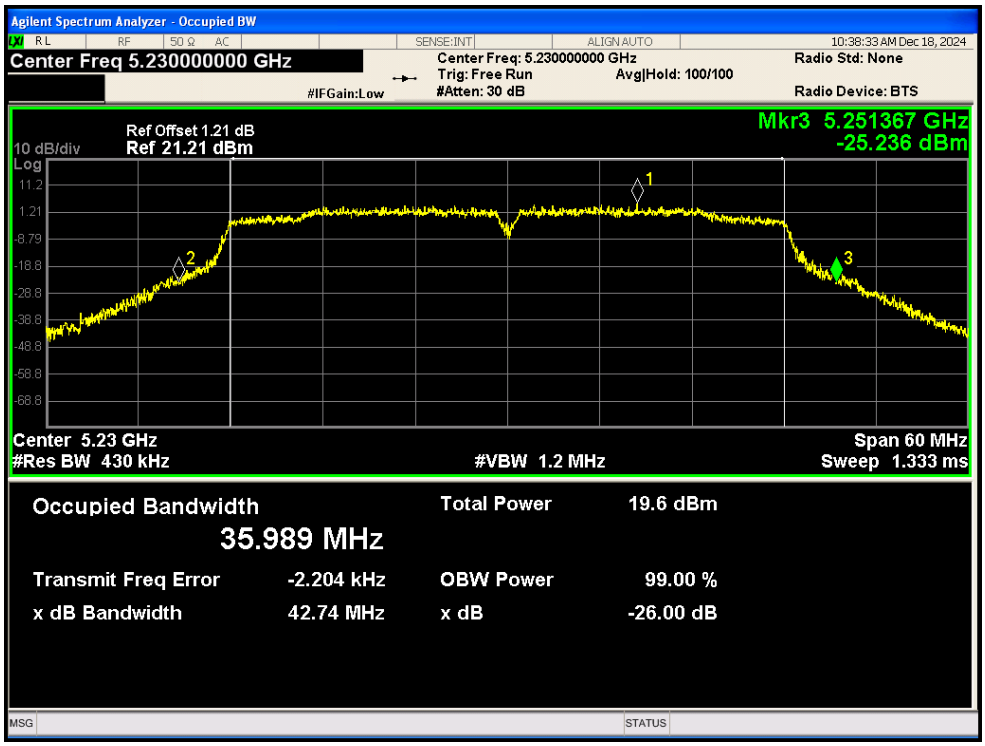
-26dB Bandwidth NVNT n40 5230MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant2



-26dB Bandwidth NVNT n40 5230MHz Ant2

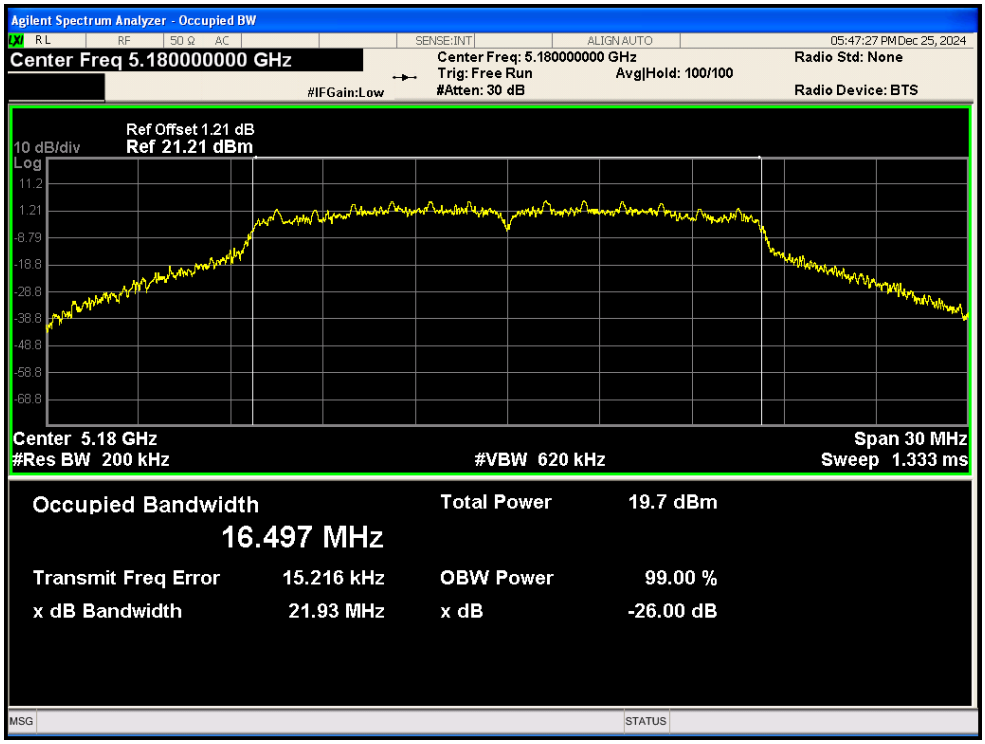


Occupied Channel Bandwidth

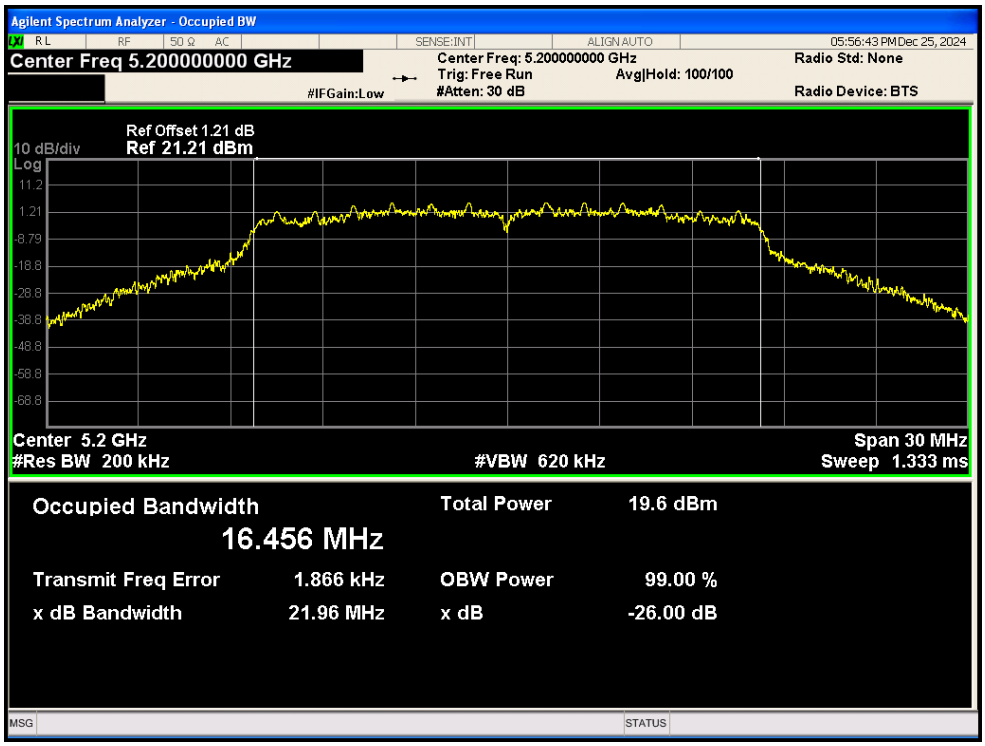
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.497
NVNT	a	5200	Ant1	16.456
NVNT	a	5240	Ant1	16.473
NVNT	a	5180	Ant2	16.447
NVNT	a	5200	Ant2	16.453
NVNT	a	5240	Ant2	16.465
NVNT	ac20	5180	Ant1	17.618

NVNT	ac20	5200	Ant1	17.61
NVNT	ac20	5240	Ant1	17.577
NVNT	ac20	5180	Ant2	17.57
NVNT	ac20	5200	Ant2	17.646
NVNT	ac20	5240	Ant2	17.601
NVNT	ac40	5190	Ant1	35.956
NVNT	ac40	5230	Ant1	35.997
NVNT	ac40	5190	Ant2	35.957
NVNT	ac40	5230	Ant2	35.917
NVNT	ac80	5210	Ant1	75.02
NVNT	ac80	5210	Ant2	75.05
NVNT	ax20	5180	Ant1	18.815
NVNT	ax20	5200	Ant1	18.836
NVNT	ax20	5240	Ant1	18.85
NVNT	ax20	5180	Ant2	18.797
NVNT	ax20	5200	Ant2	18.862
NVNT	ax20	5240	Ant2	18.821
NVNT	ax40	5190	Ant1	37.389
NVNT	ax40	5230	Ant1	37.463
NVNT	ax40	5190	Ant2	37.454
NVNT	ax40	5230	Ant2	37.483
NVNT	ax80	5210	Ant1	76.458
NVNT	ax80	5210	Ant2	76.505
NVNT	n20	5180	Ant1	17.616
NVNT	n20	5200	Ant1	17.588
NVNT	n20	5240	Ant1	17.634
NVNT	n20	5180	Ant2	17.594
NVNT	n20	5200	Ant2	17.598
NVNT	n20	5240	Ant2	17.637
NVNT	n40	5190	Ant1	36.027
NVNT	n40	5230	Ant1	36.016
NVNT	n40	5190	Ant2	35.995
NVNT	n40	5230	Ant2	36.021

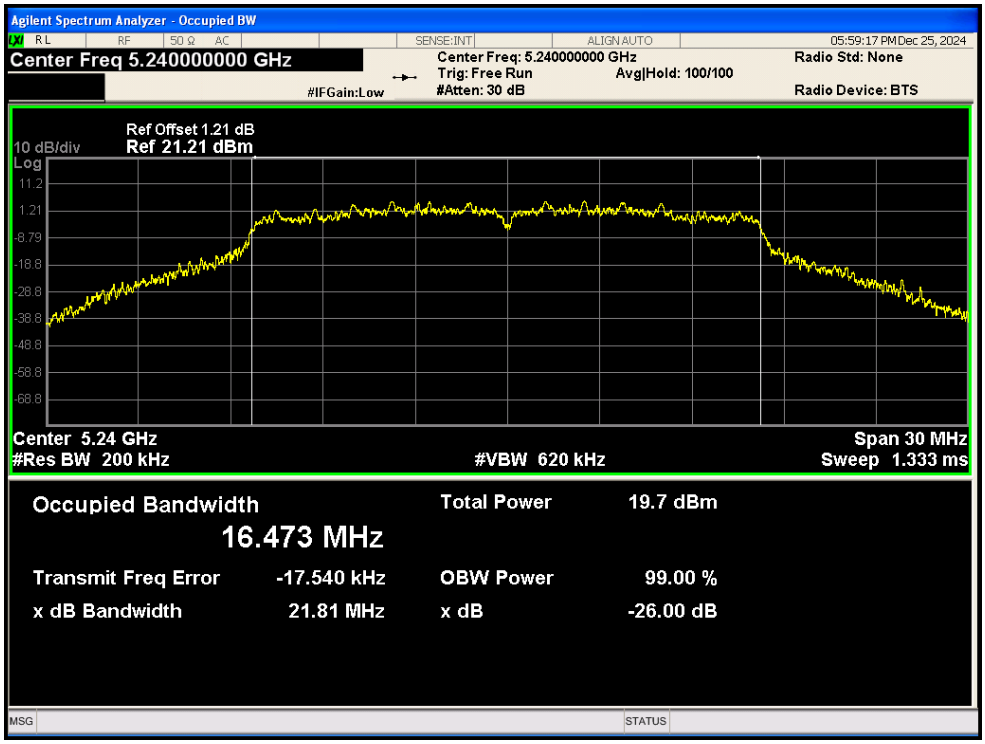
OBW NVNT a 5180MHz Ant1



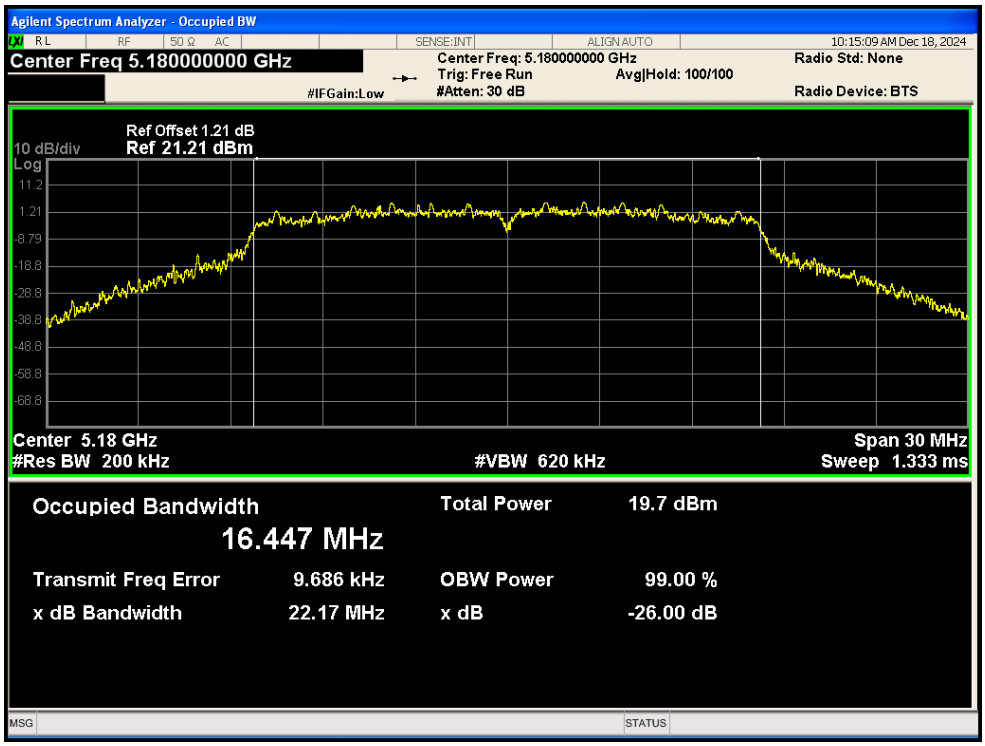
OBW NVNT a 5200MHz Ant1



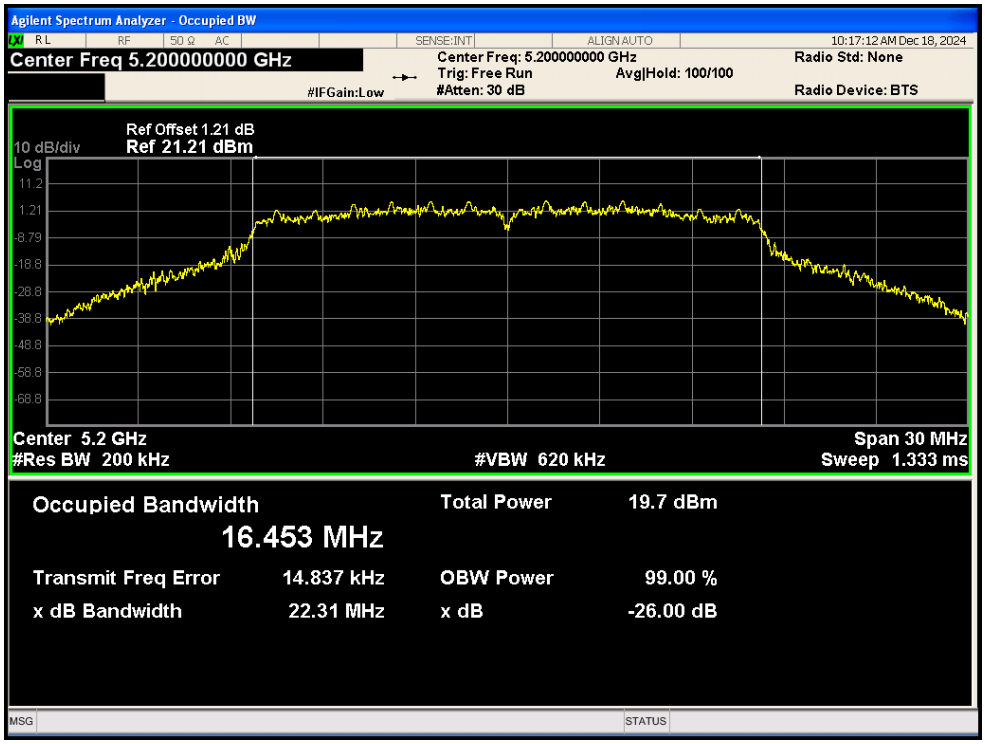
OBW NVNT a 5240MHz Ant1



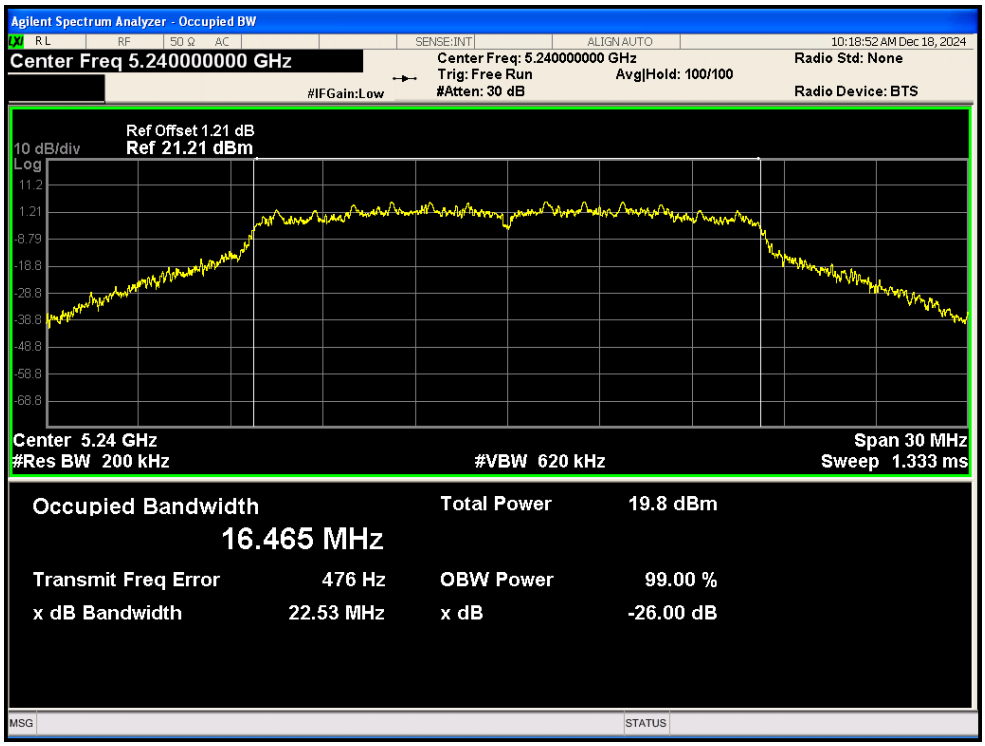
OBW NVNT a 5180MHz Ant2



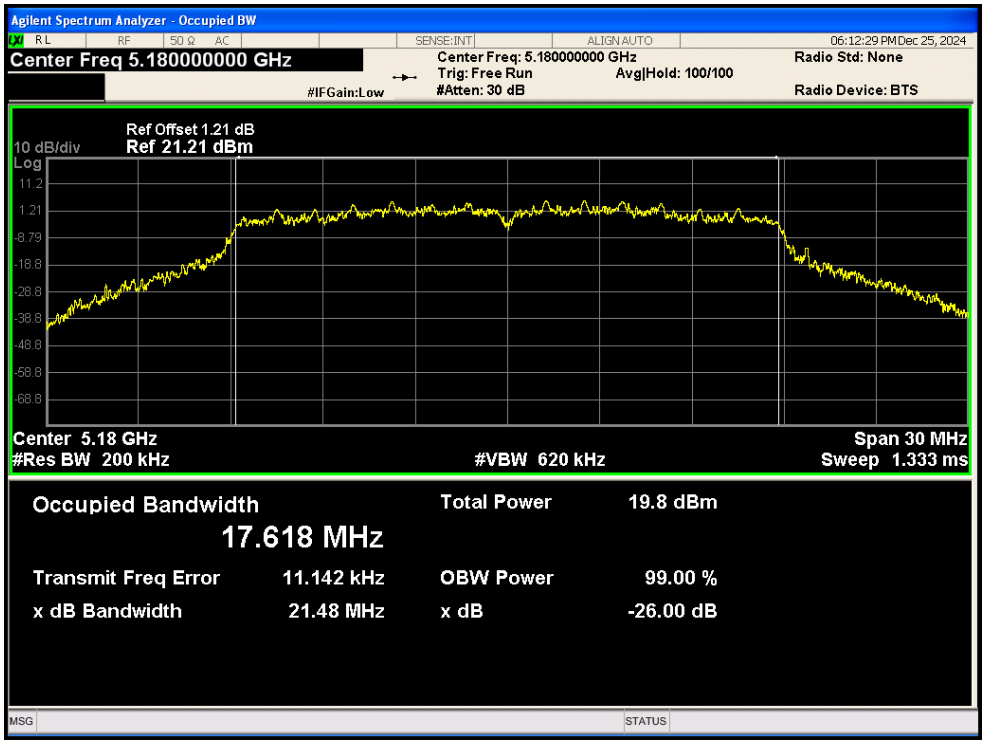
OBW NVNT a 5200MHz Ant2



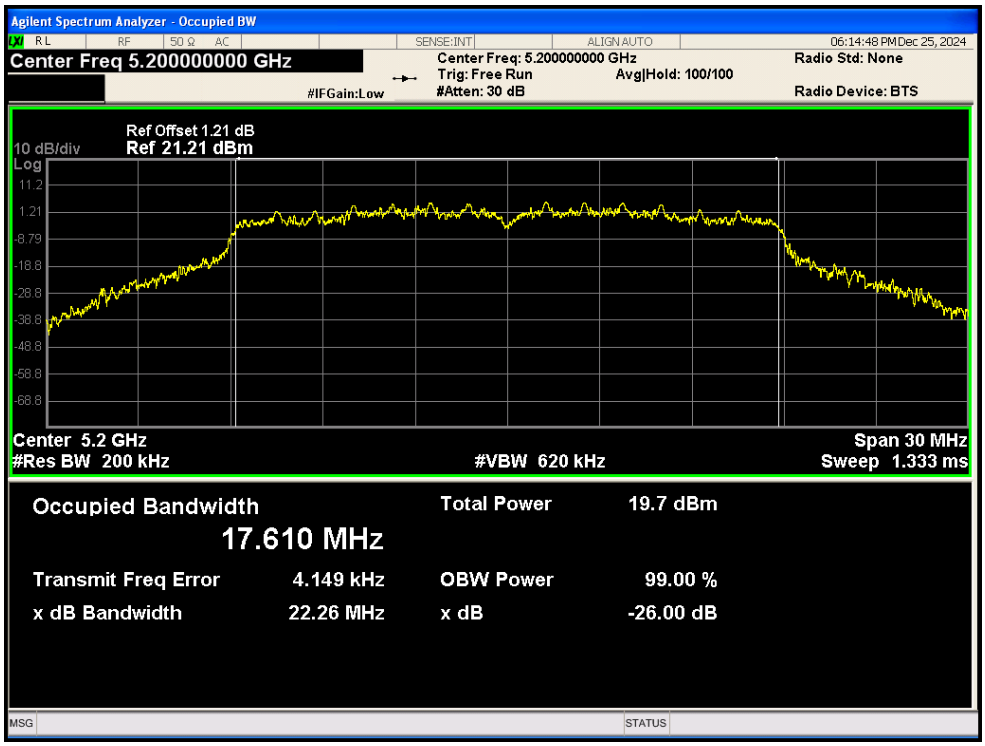
OBW NVNT a 5240MHz Ant2



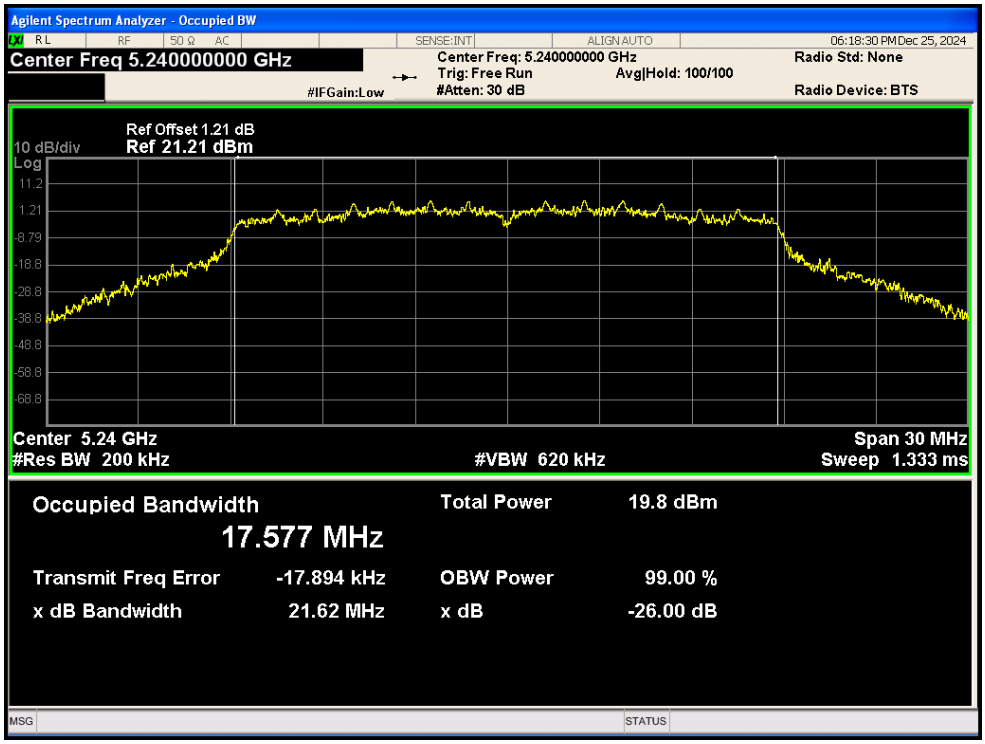
OBW NVNT ac20 5180MHz Ant1



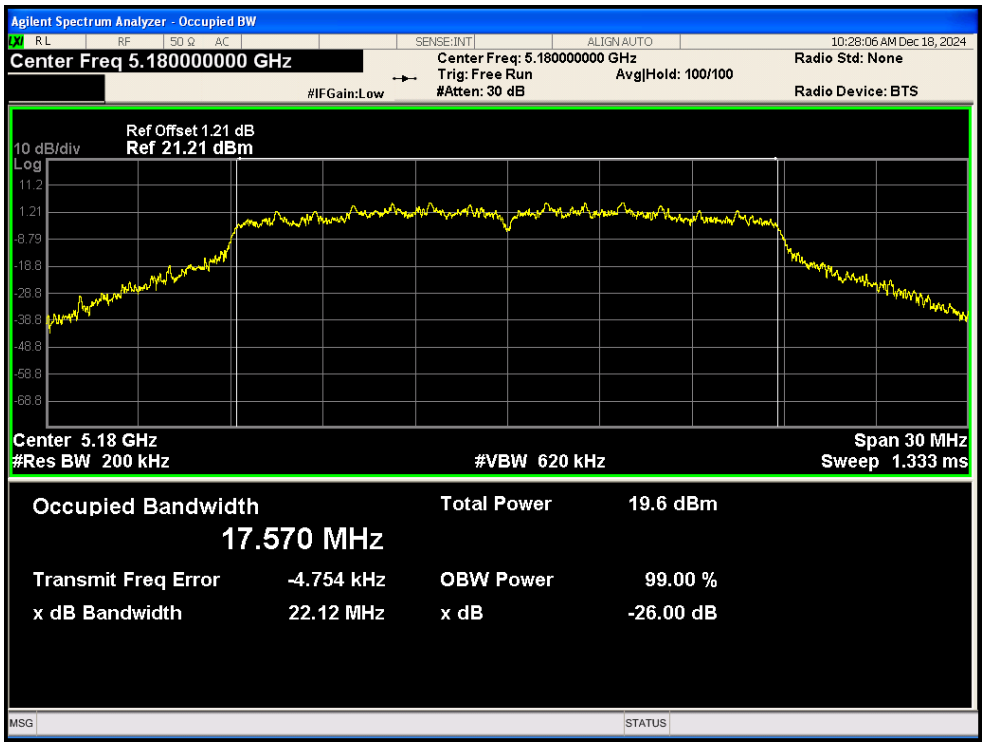
OBW NVNT ac20 5200MHz Ant1



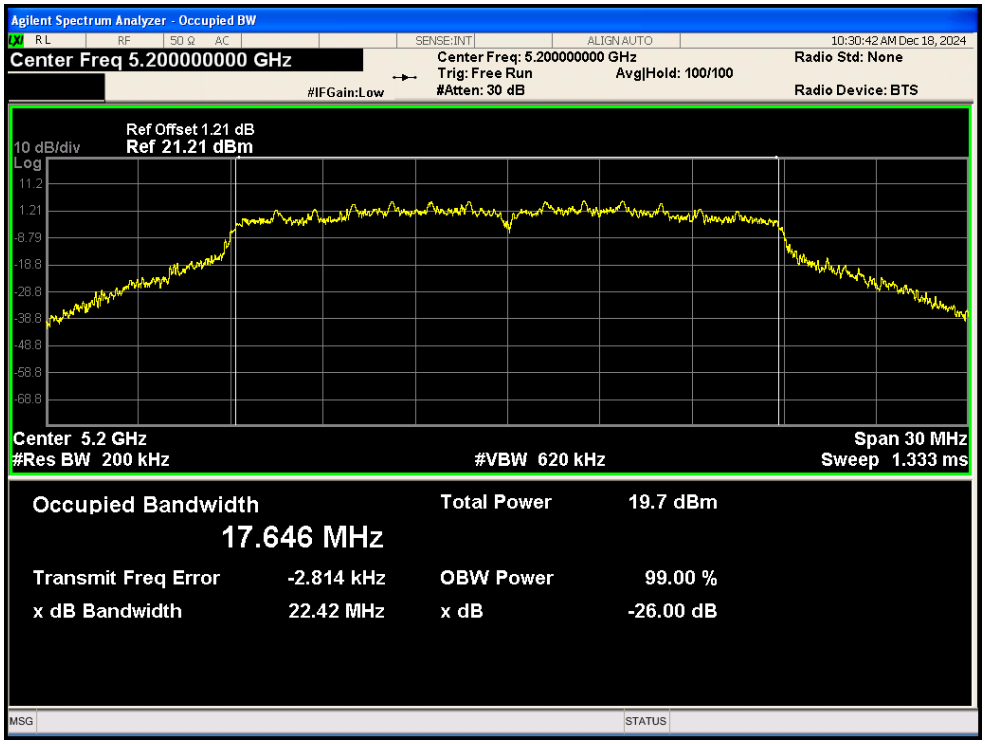
OBW NVNT ac20 5240MHz Ant1



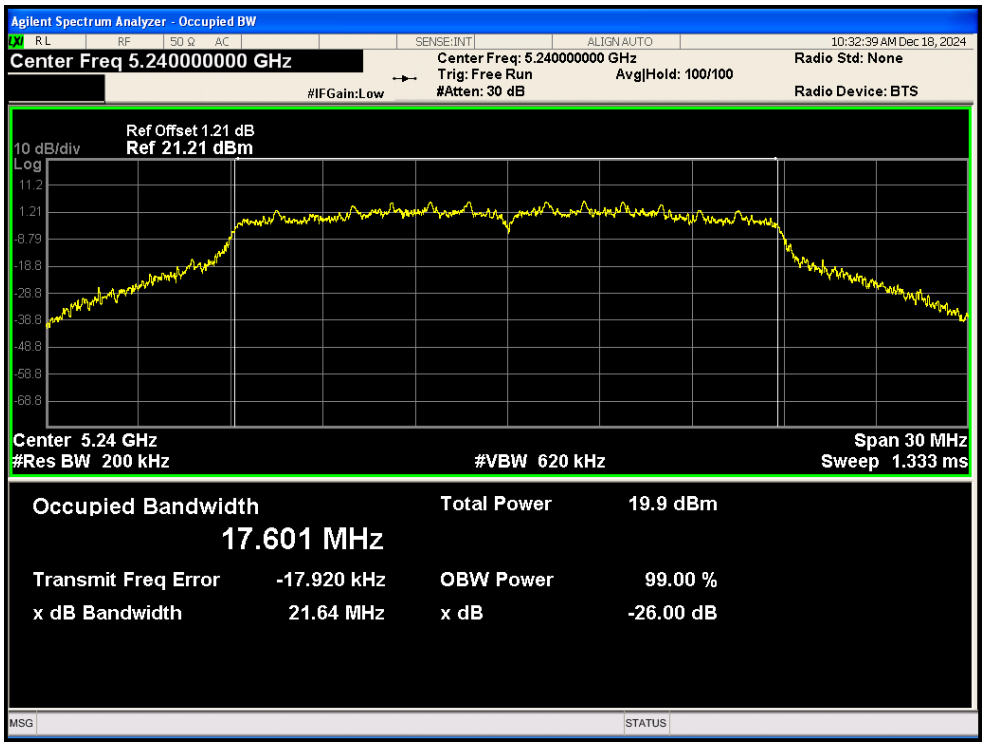
OBW NVNT ac20 5180MHz Ant2



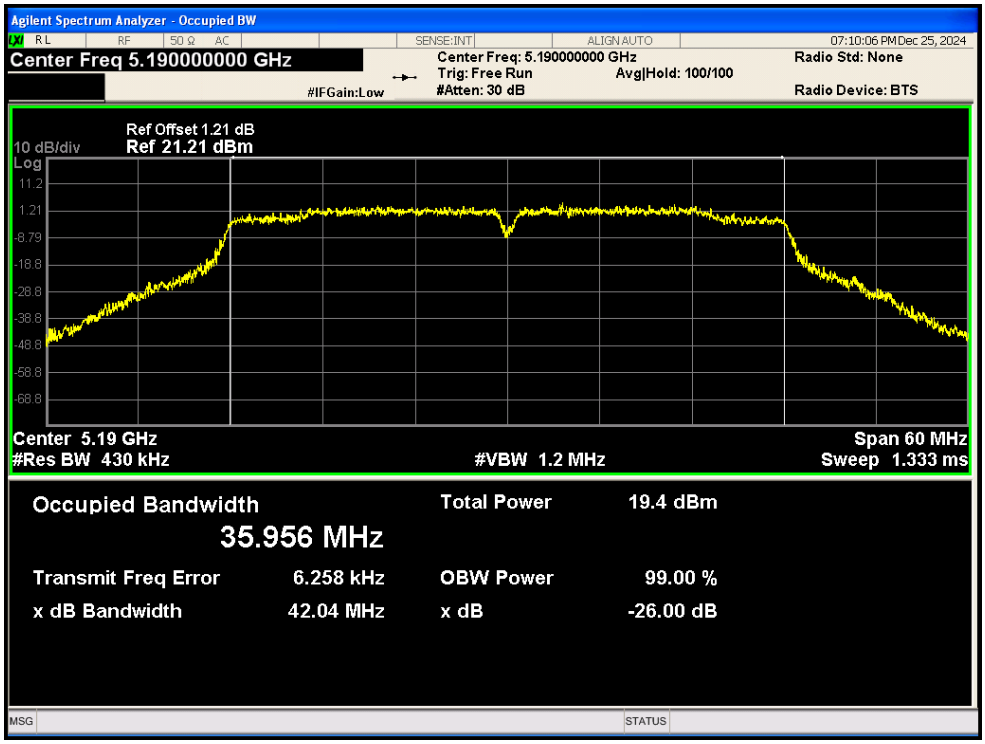
OBW NVNT ac20 5200MHz Ant2



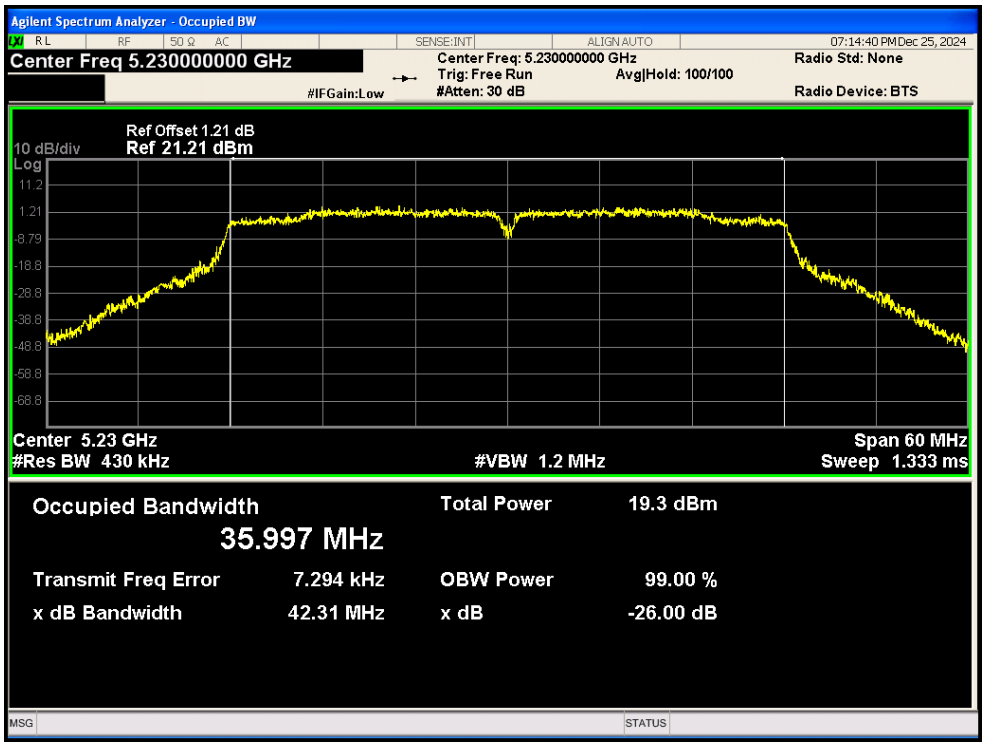
OBW NVNT ac20 5240MHz Ant2



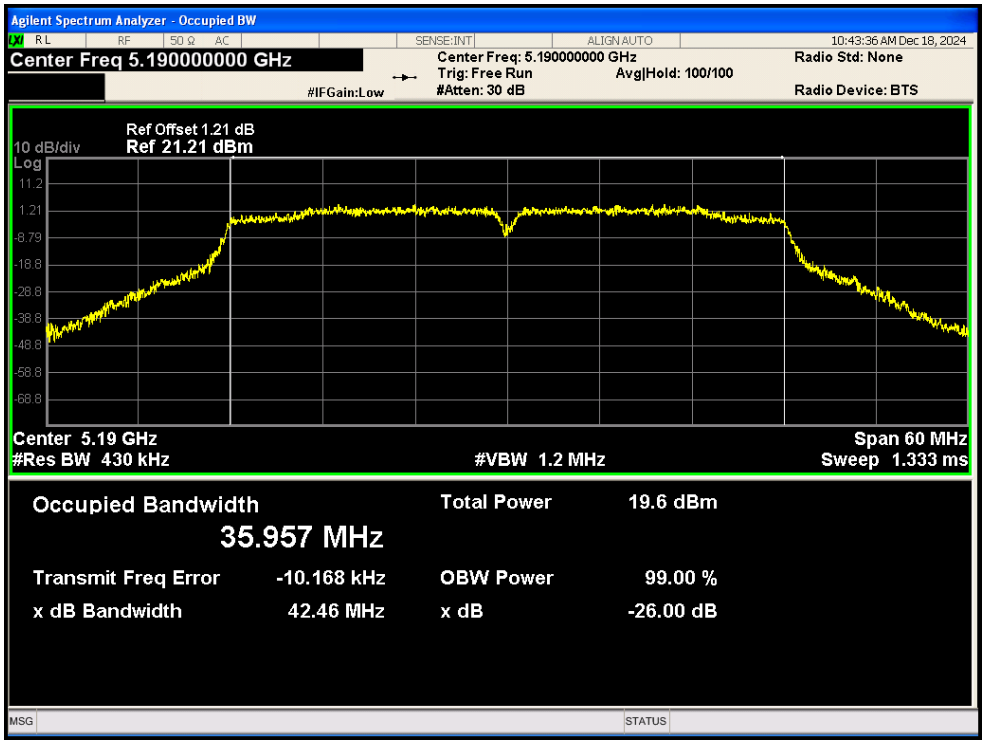
OBW NVNT ac40 5190MHz Ant1



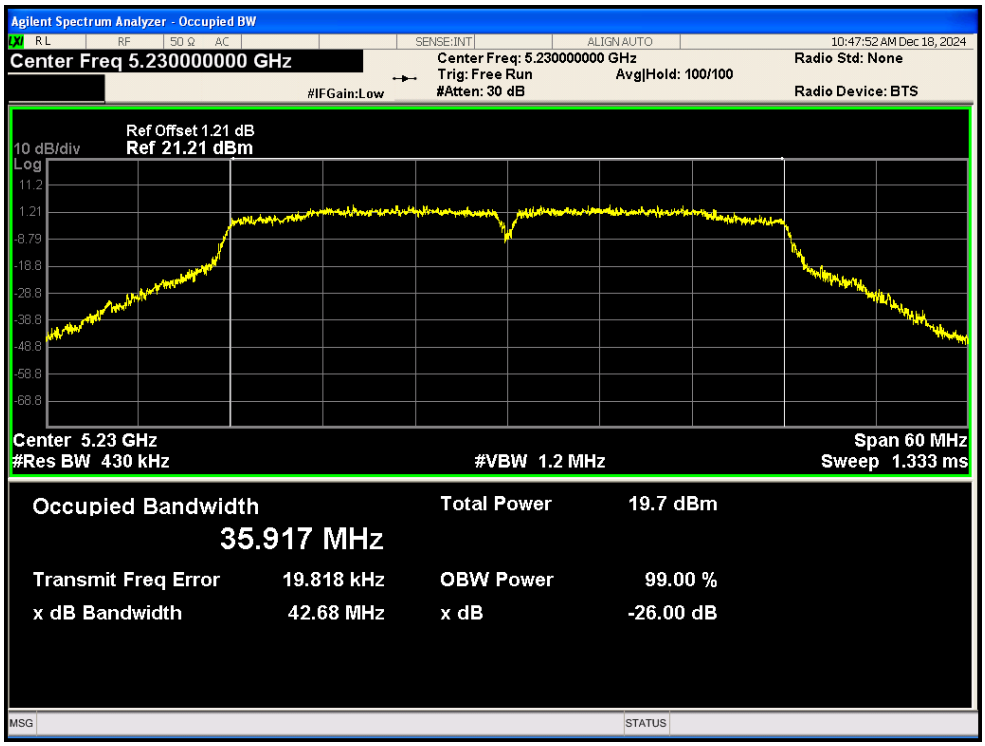
OBW NVNT ac40 5230MHz Ant1



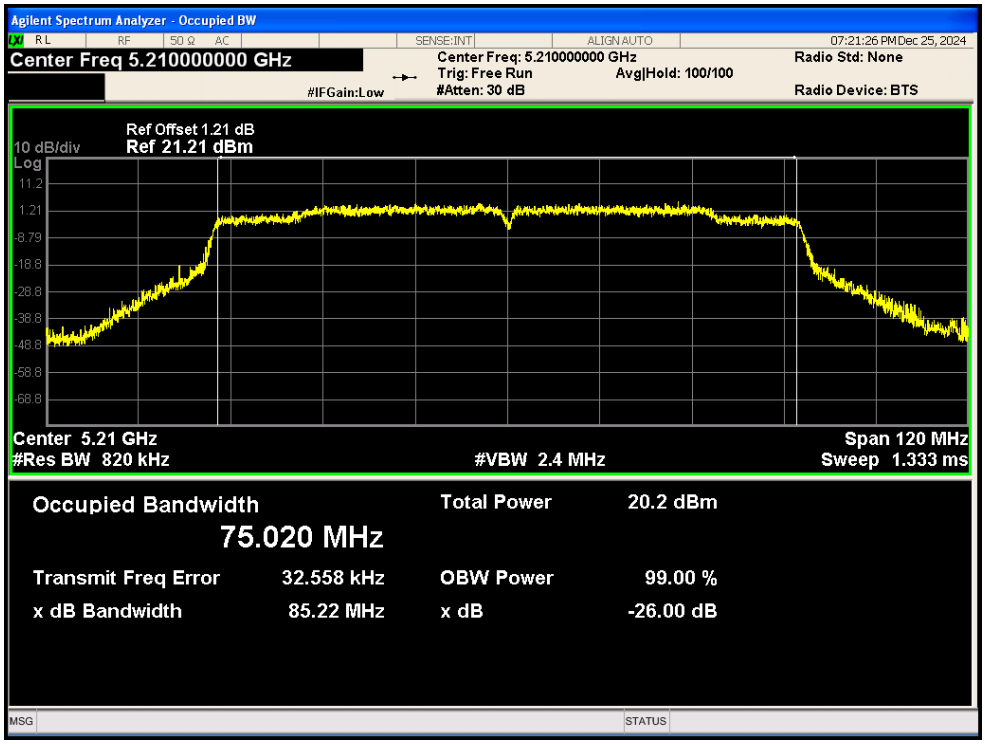
OBW NVNT ac40 5190MHz Ant2



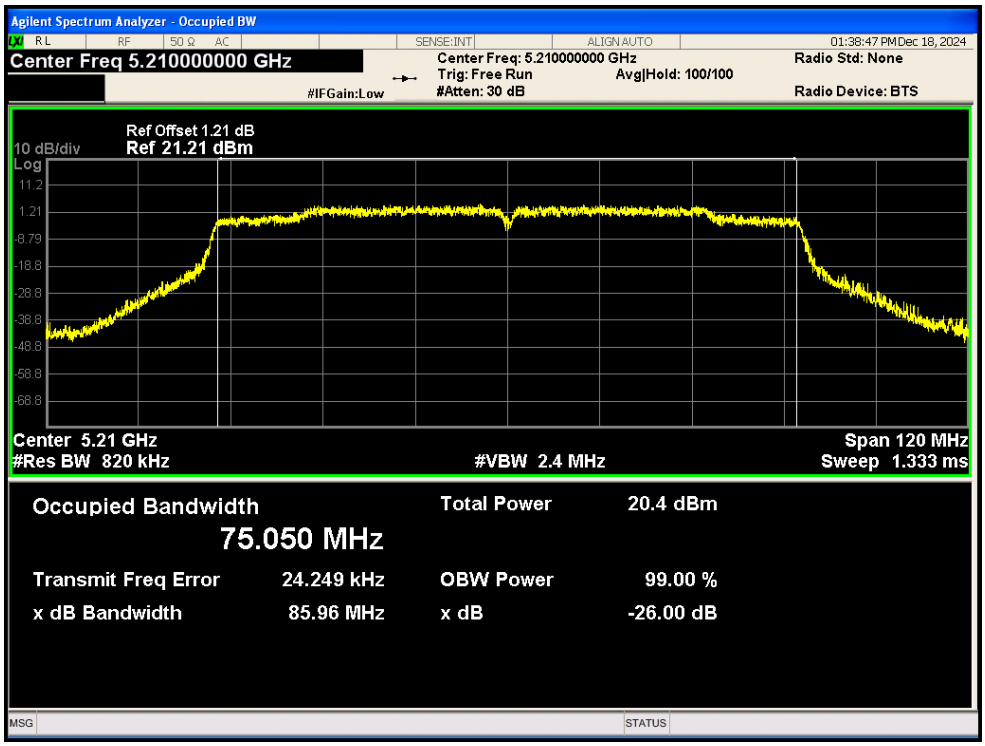
OBW NVNT ac40 5230MHz Ant2



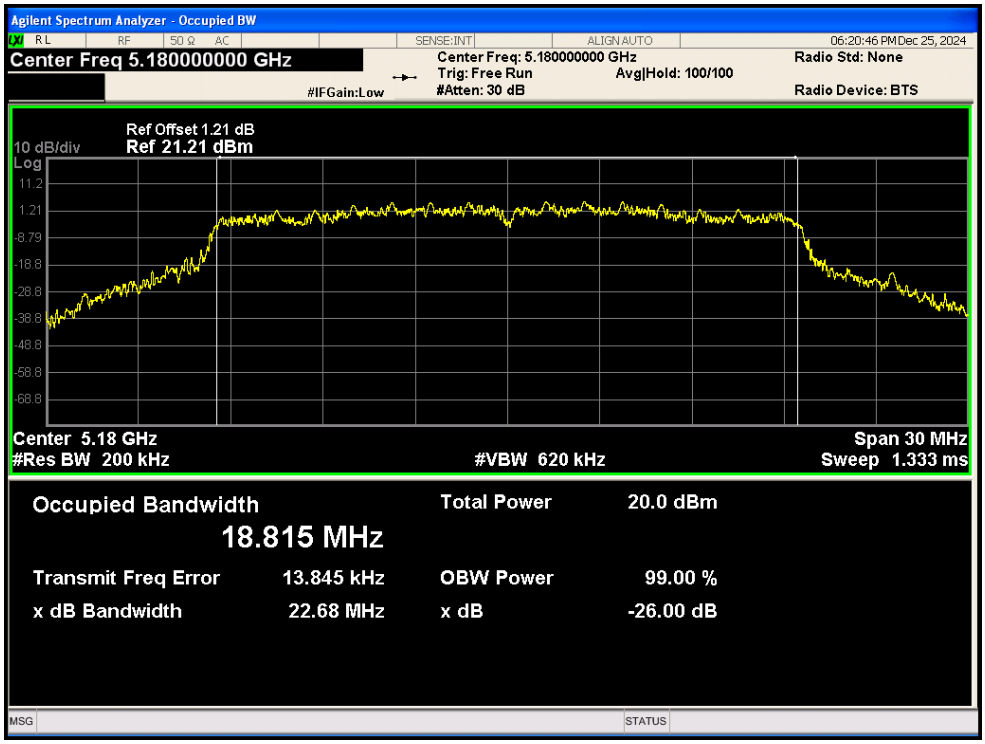
OBW NVNT ac80 5210MHz Ant1



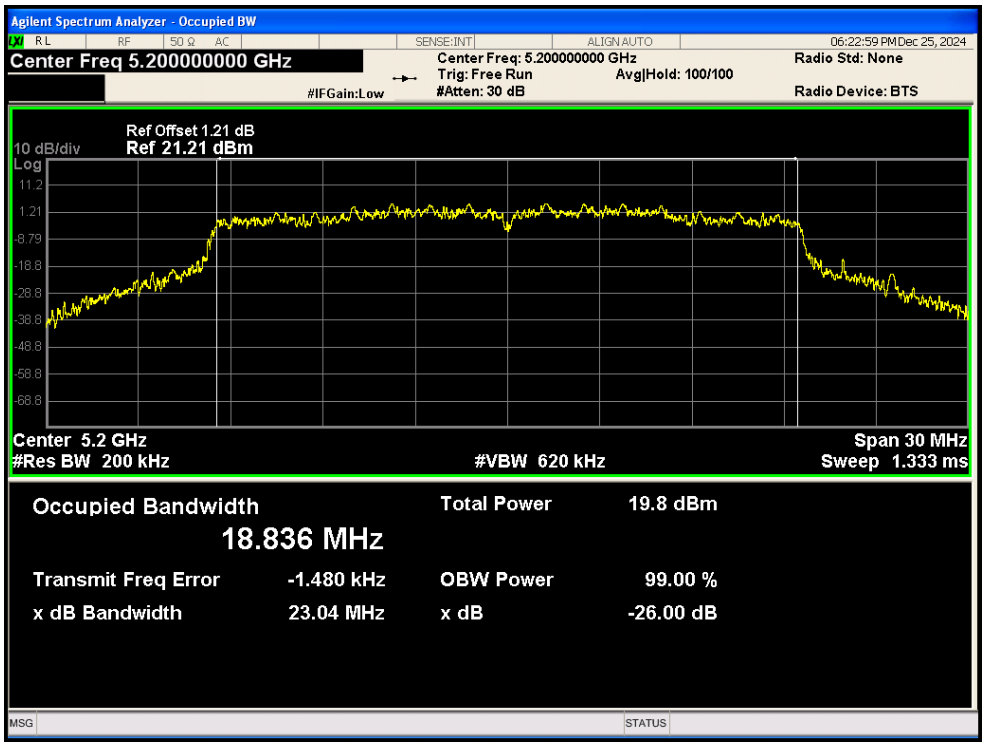
OBW NVNT ac80 5210MHz Ant2



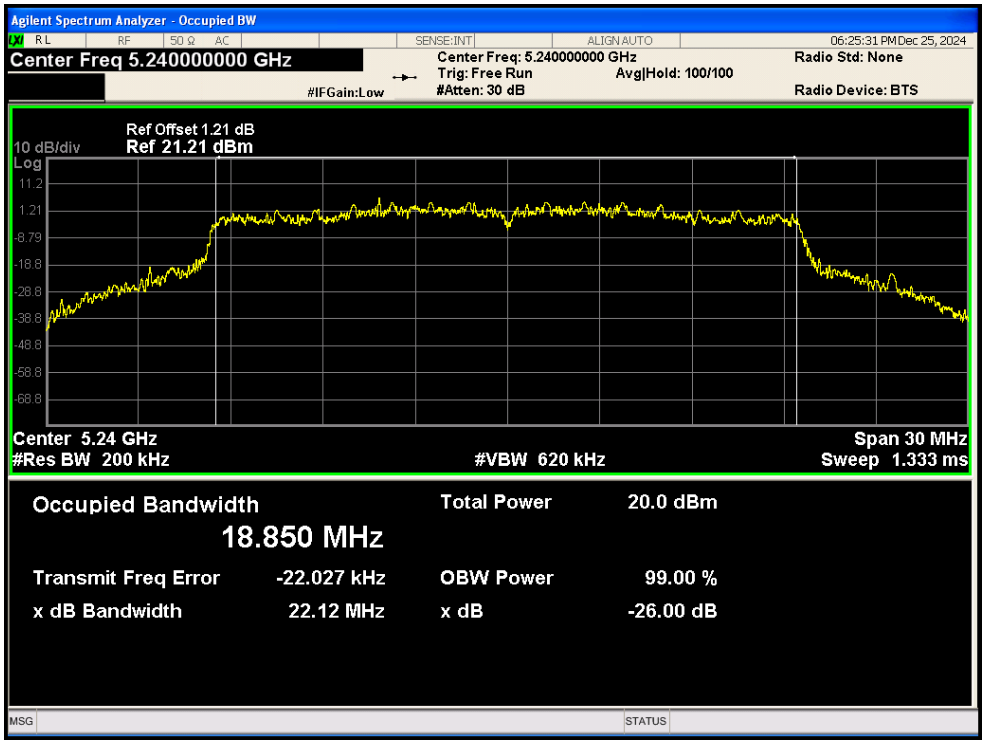
OBW NVNT ax20 5180MHz Ant1



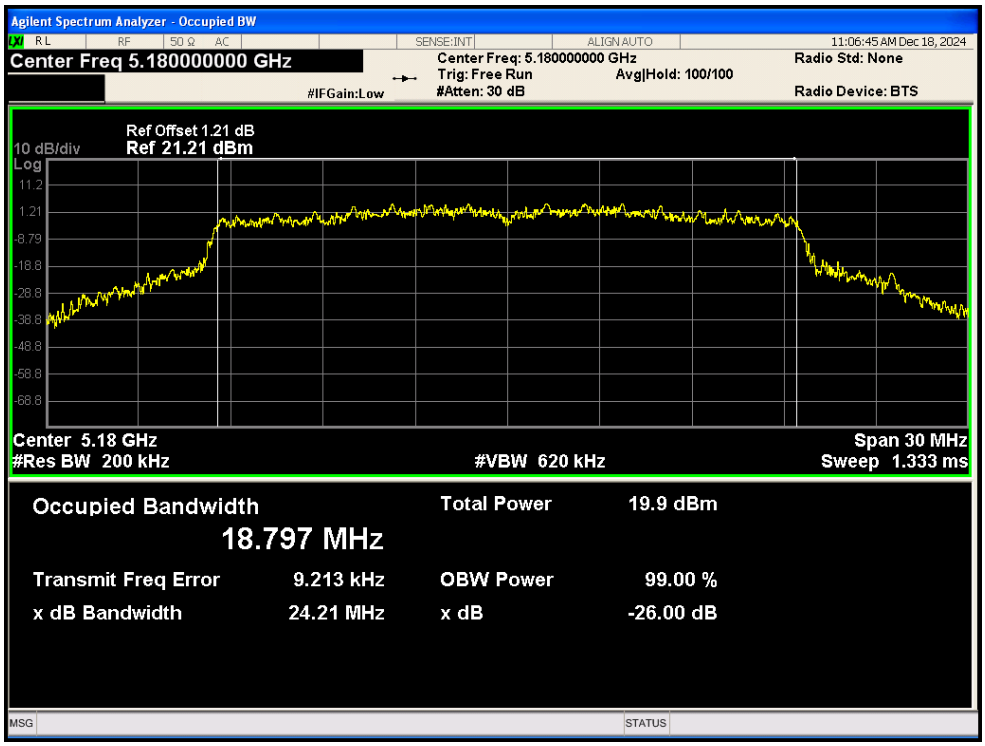
OBW NVNT ax20 5200MHz Ant1



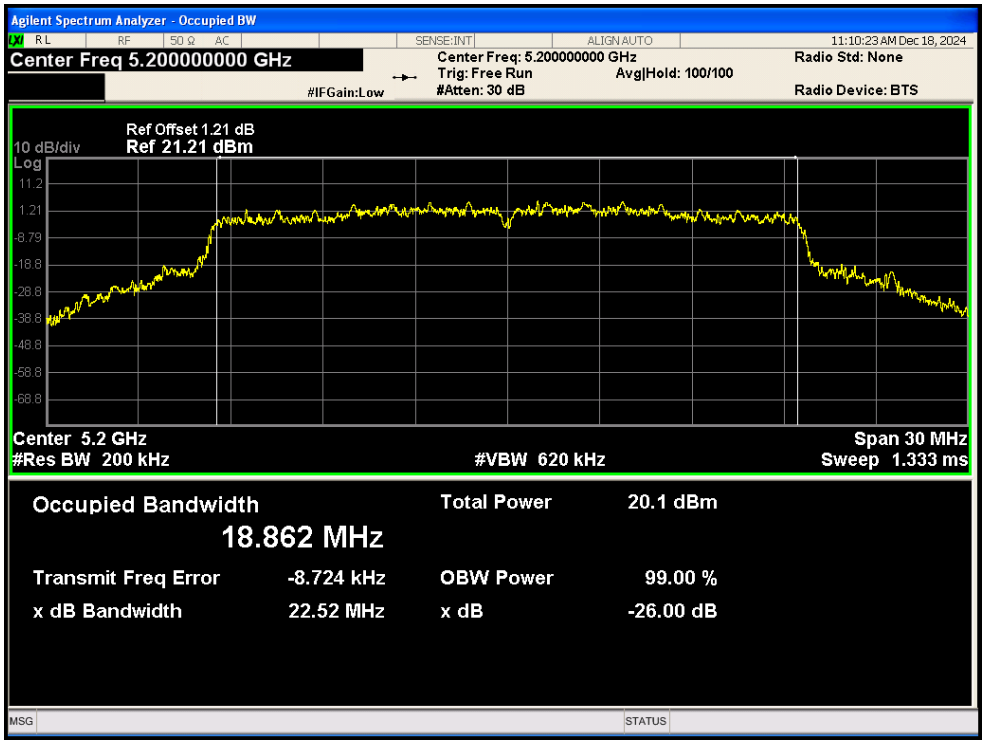
OBW NVNT ax20 5240MHz Ant1



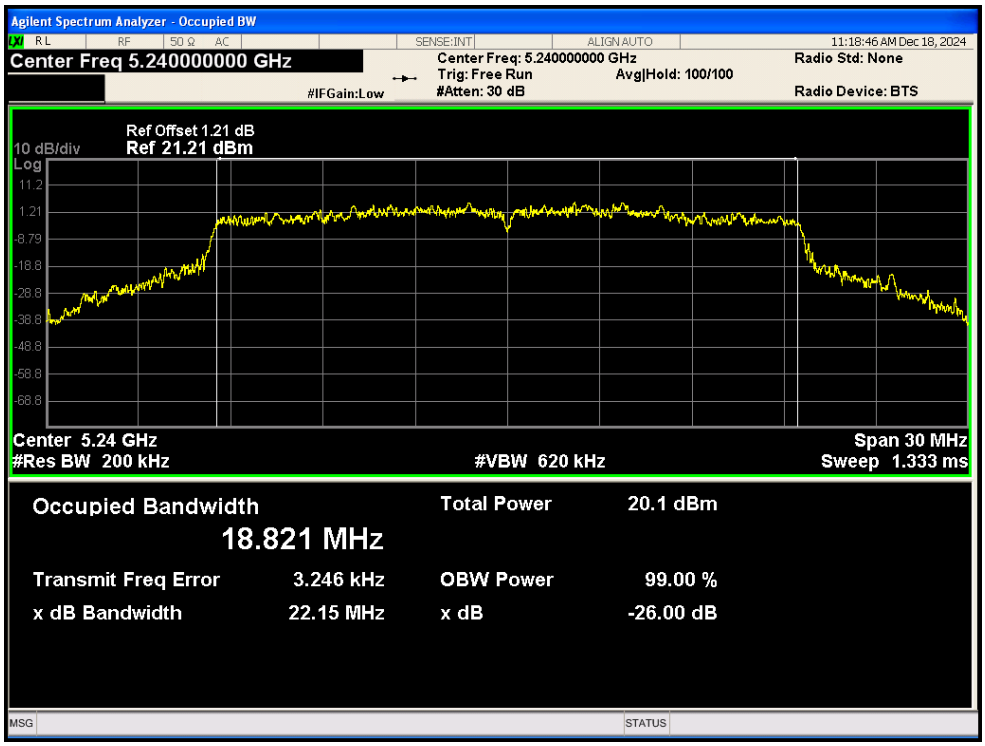
OBW NVNT ax20 5180MHz Ant2



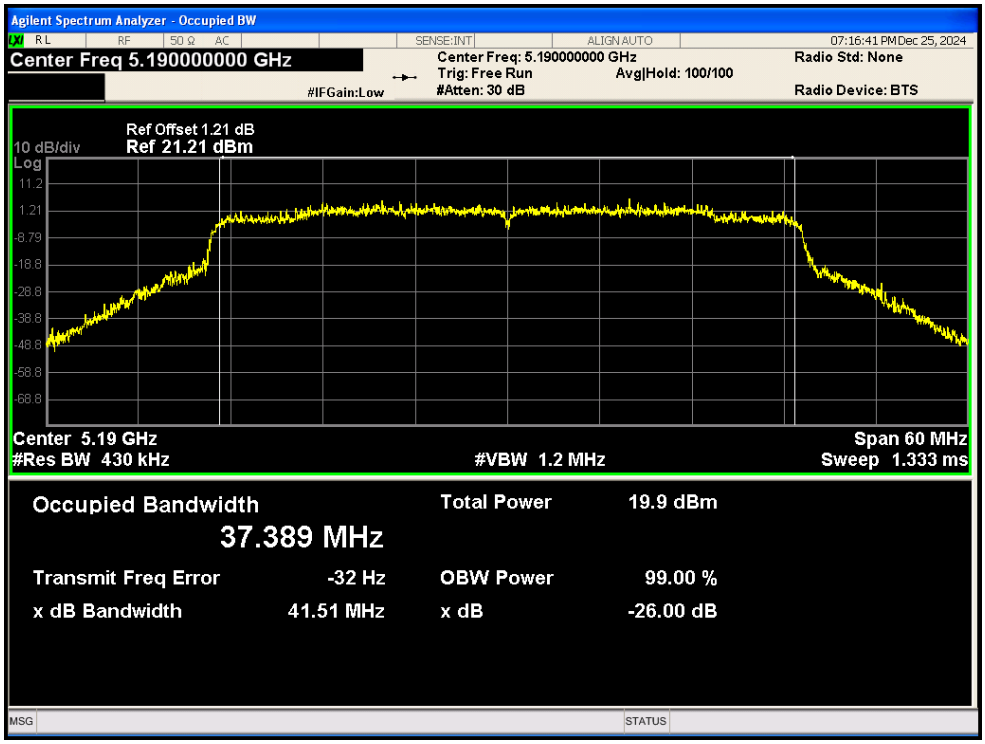
OBW NVNT ax20 5200MHz Ant2



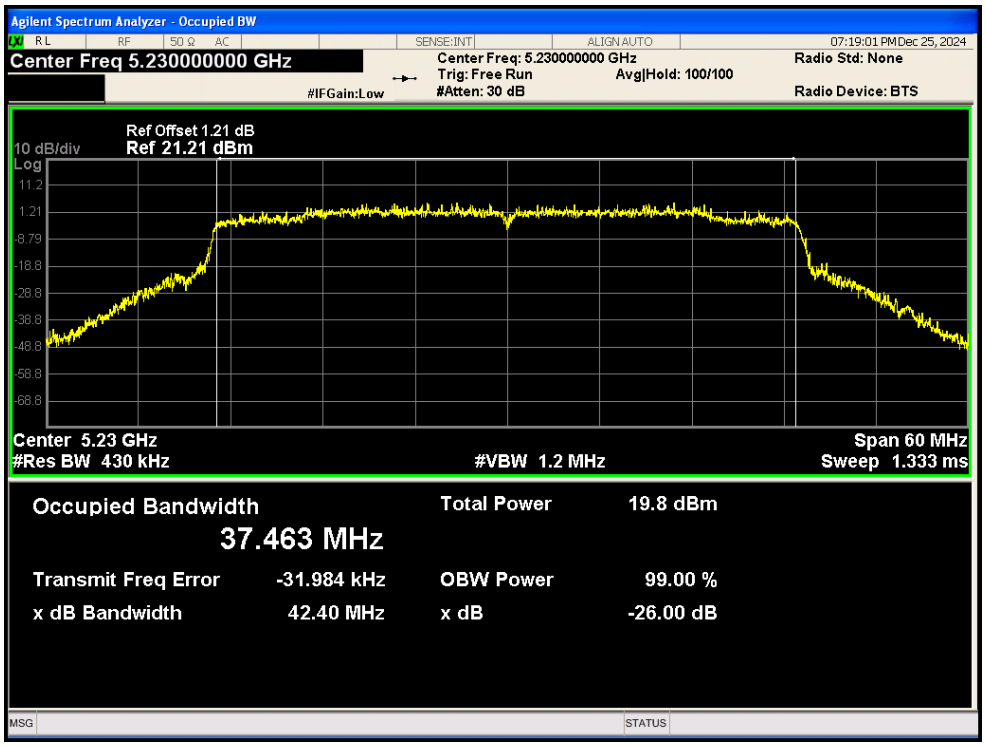
OBW NVNT ax20 5240MHz Ant2



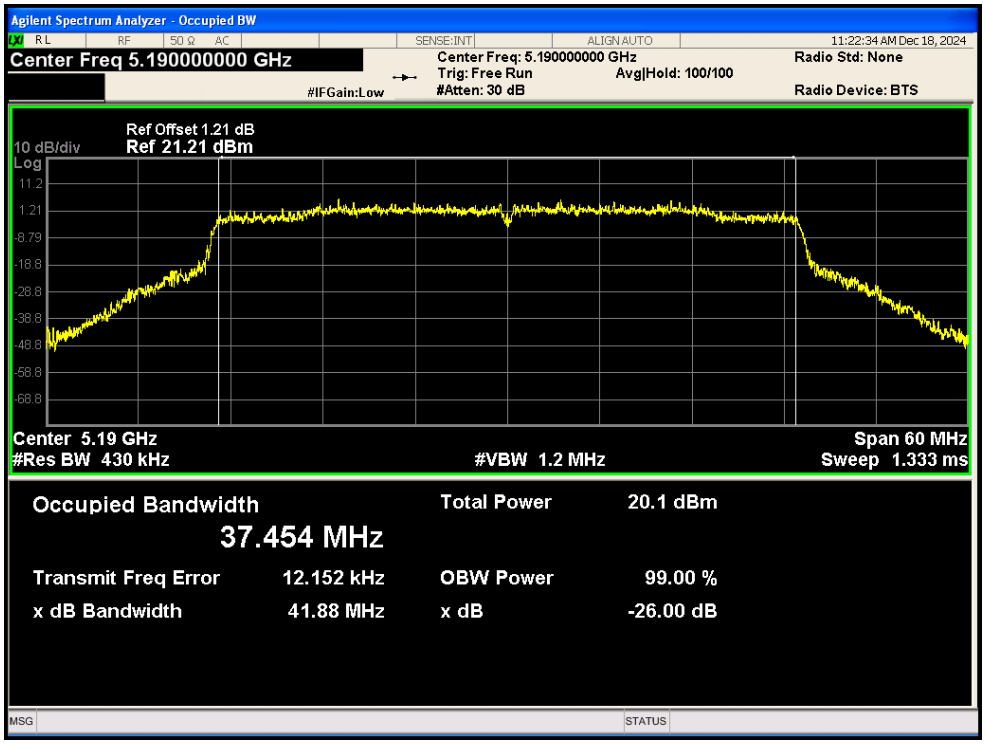
OBW NVNT ax40 5190MHz Ant1



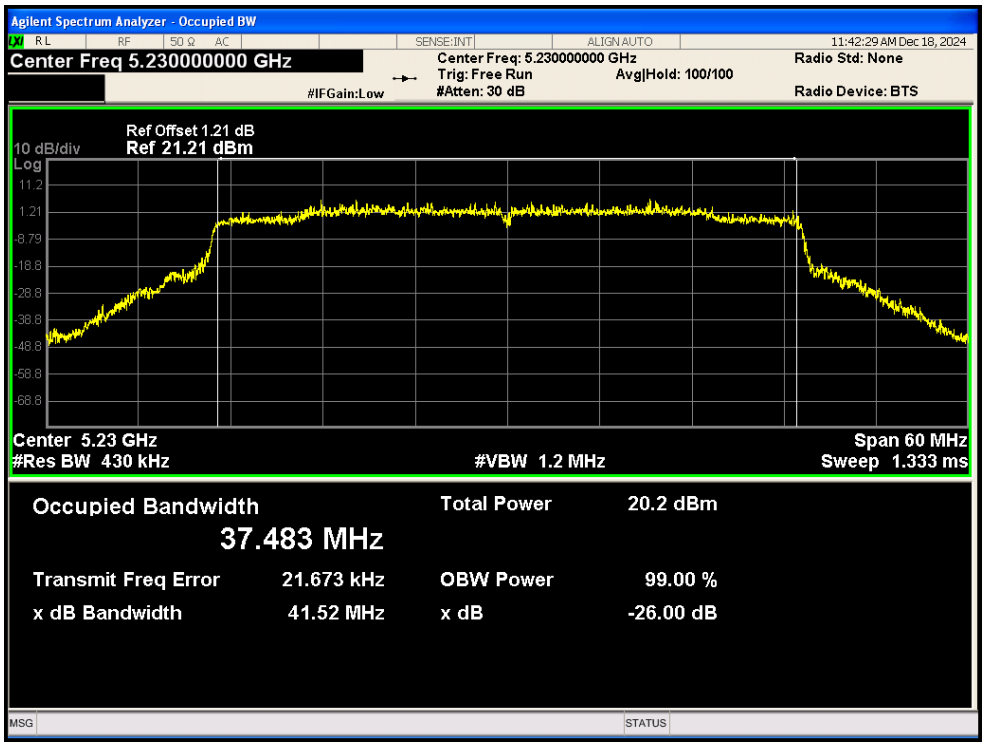
OBW NVNT ax40 5230MHz Ant1



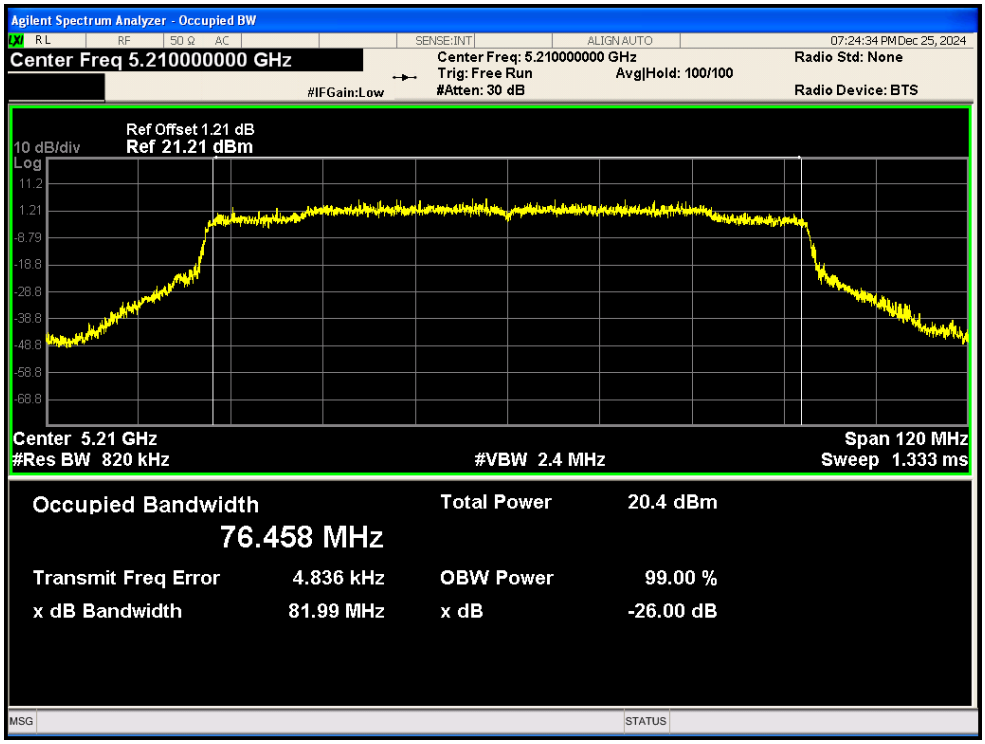
OBW NVNT ax40 5190MHz Ant2



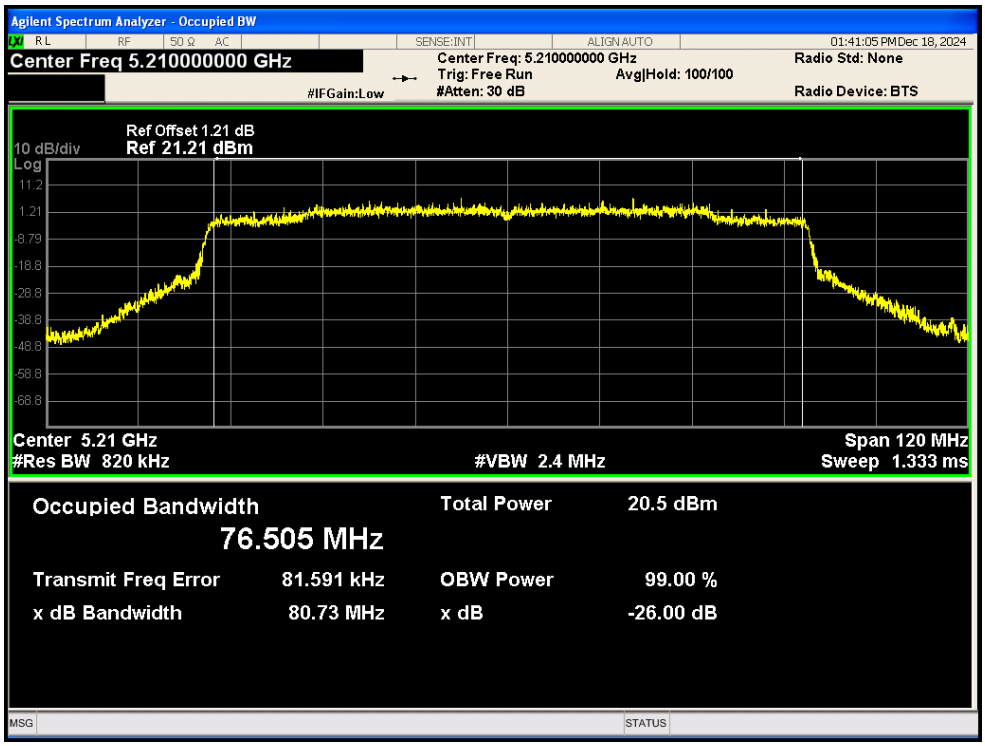
OBW NVNT ax40 5230MHz Ant2



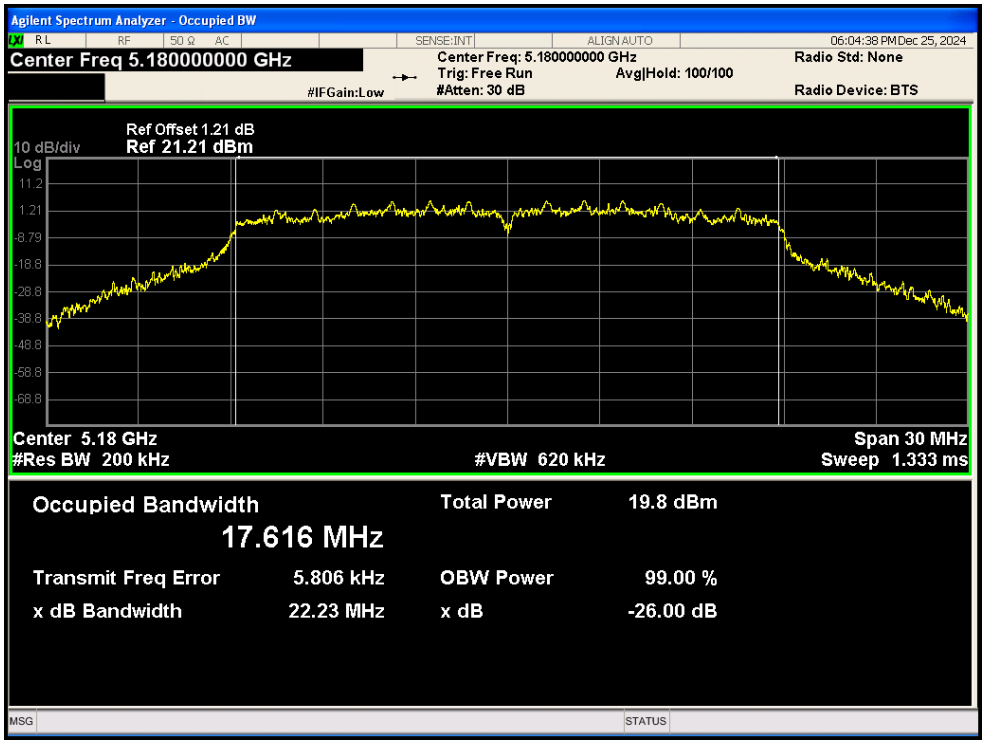
OBW NVNT ax80 5210MHz Ant1



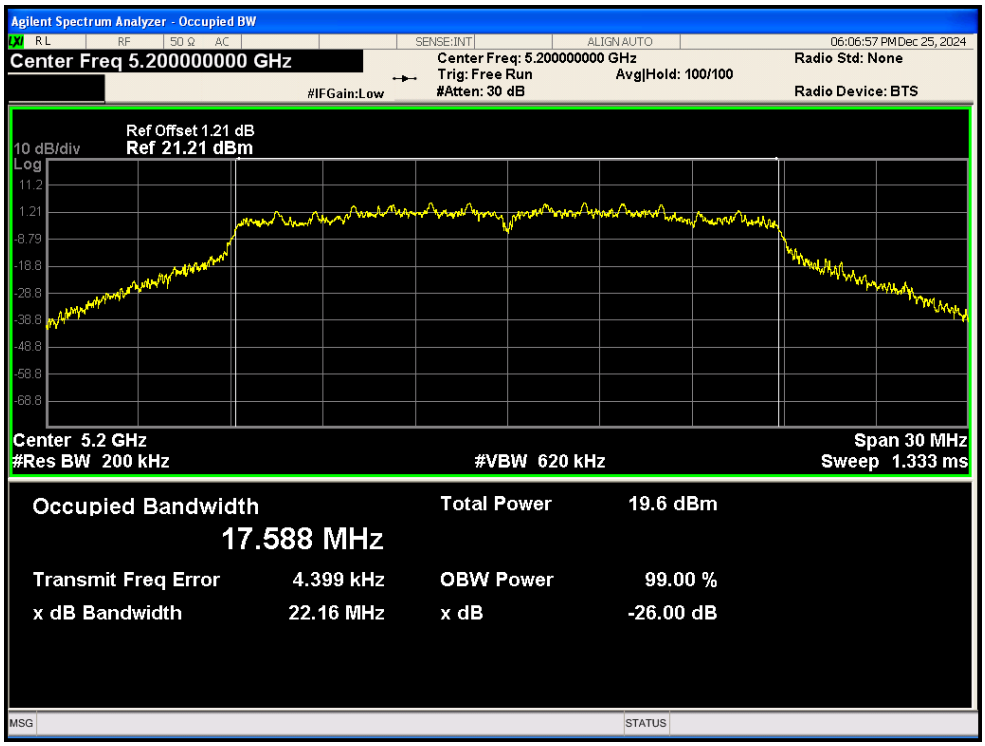
OBW NVNT ax80 5210MHz Ant2



OBW NVNT n20 5180MHz Ant1



OBW NVNT n20 5200MHz Ant1



OBW NVNT n20 5240MHz Ant1