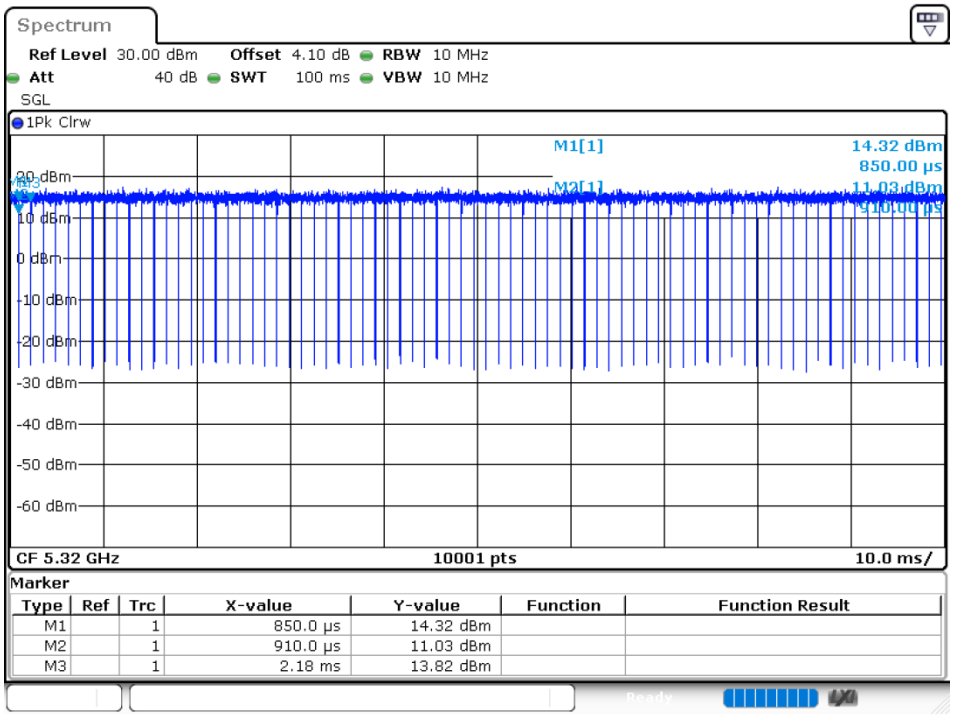
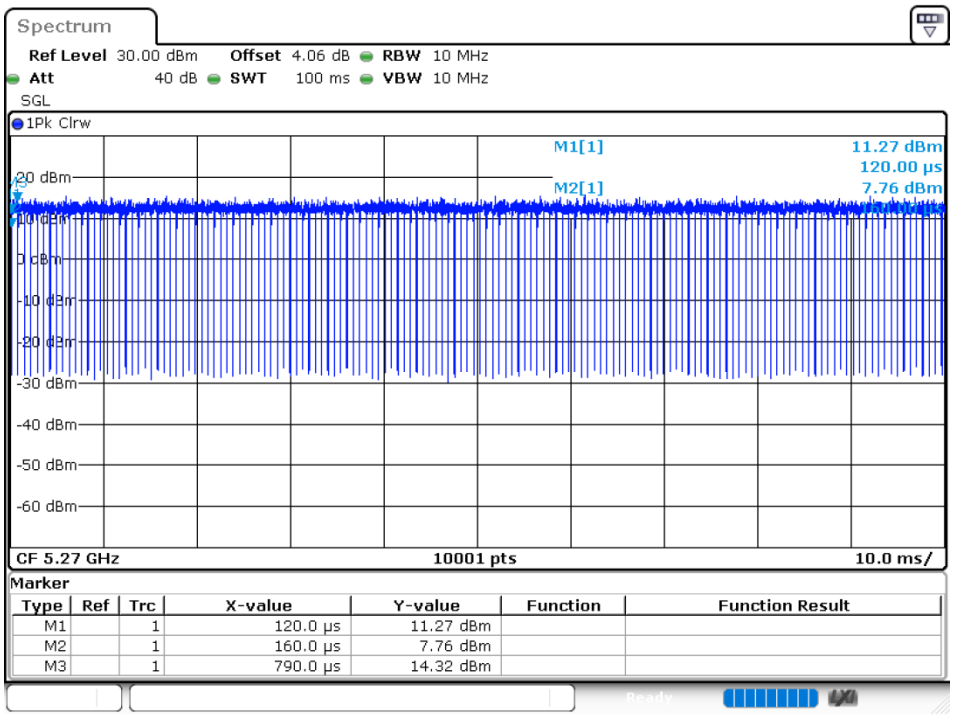
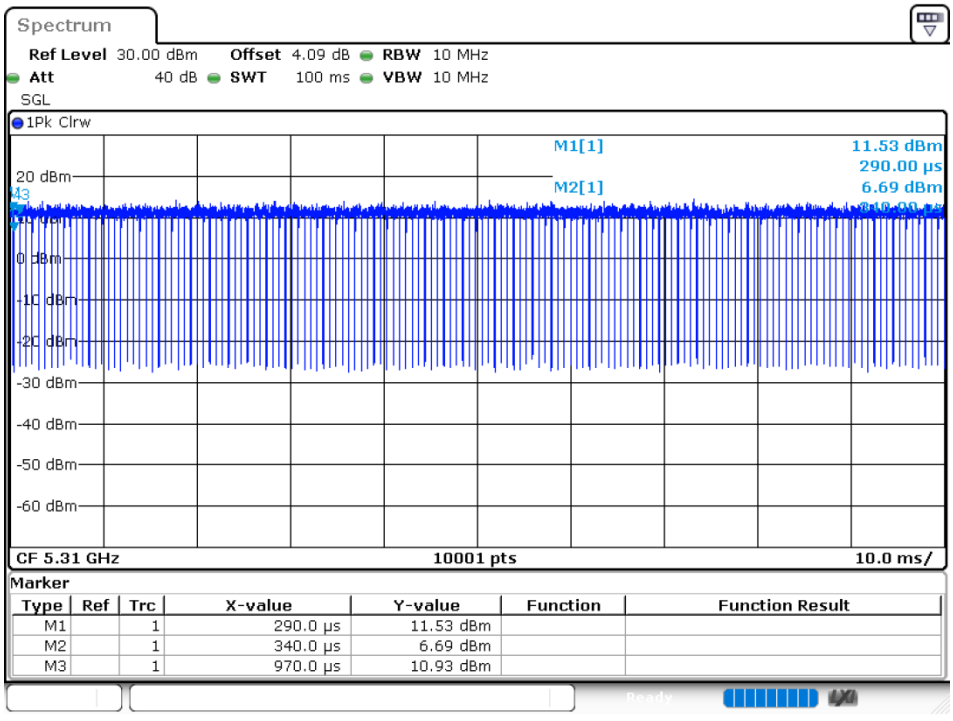
Duty Cycle NVNT n20 5320MHz Sum



Duty Cycle NVNT n40 5270MHz Sum



Duty Cycle NVNT n40 5310MHz Sum



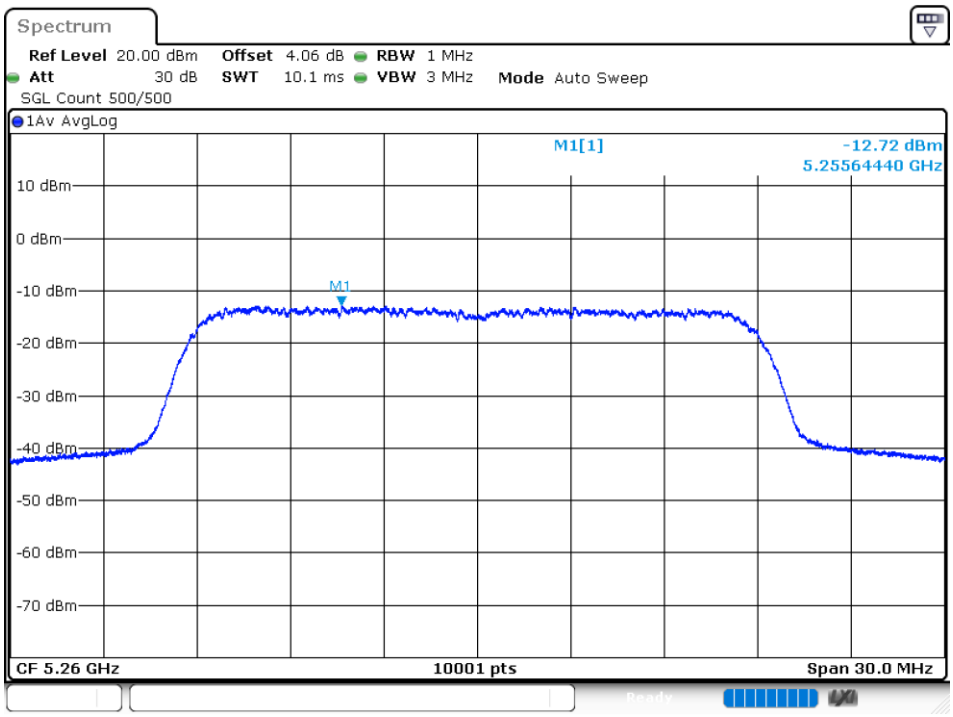
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5260	Ant1	11.64	23.89	Pass
NVNT	ac20	5260	Ant2	9.76	23.89	Pass
NVNT	ac20	5260	Sum	13.81	23.89	Pass
NVNT	ac20	5280	Ant1	11.58	23.89	Pass
NVNT	ac20	5280	Ant2	9.95	23.89	Pass
NVNT	ac20	5280	Sum	13.85	23.89	Pass
NVNT	ac20	5320	Ant1	12.15	23.89	Pass
NVNT	ac20	5320	Ant2	9.75	23.89	Pass
NVNT	ac20	5320	Sum	14.12	23.89	Pass
NVNT	ac40	5270	Ant1	10.29	23.89	Pass
NVNT	ac40	5270	Ant2	8.62	23.89	Pass
NVNT	ac40	5270	Sum	12.55	23.89	Pass
NVNT	ac40	5310	Ant1	9.02	23.89	Pass
NVNT	ac40	5310	Ant2	7.62	23.89	Pass
NVNT	ac40	5310	Sum	11.39	23.89	Pass
NVNT	ac80	5290	Ant1	7.37	23.89	Pass
NVNT	ac80	5290	Ant2	9.35	23.89	Pass
NVNT	ac80	5290	Sum	11.48	23.89	Pass
NVNT	n20	5260	Ant1	11.52	23.89	Pass
NVNT	n20	5260	Ant2	9.66	23.89	Pass
NVNT	n20	5260	Sum	13.7	23.89	Pass
NVNT	n20	5280	Ant1	11.51	23.89	Pass
NVNT	n20	5280	Ant2	9.93	23.89	Pass
NVNT	n20	5280	Sum	13.8	23.89	Pass
NVNT	n20	5320	Ant1	12.06	23.89	Pass
NVNT	n20	5320	Ant2	10.06	23.89	Pass
NVNT	n20	5320	Sum	14.18	23.89	Pass
NVNT	n40	5270	Ant1	12.1	23.89	Pass
NVNT	n40	5270	Ant2	10.51	23.89	Pass
NVNT	n40	5270	Sum	14.39	23.89	Pass
NVNT	n40	5310	Ant1	11.28	23.89	Pass
NVNT	n40	5310	Ant2	9.4	23.89	Pass
NVNT	n40	5310	Sum	13.45	23.89	Pass

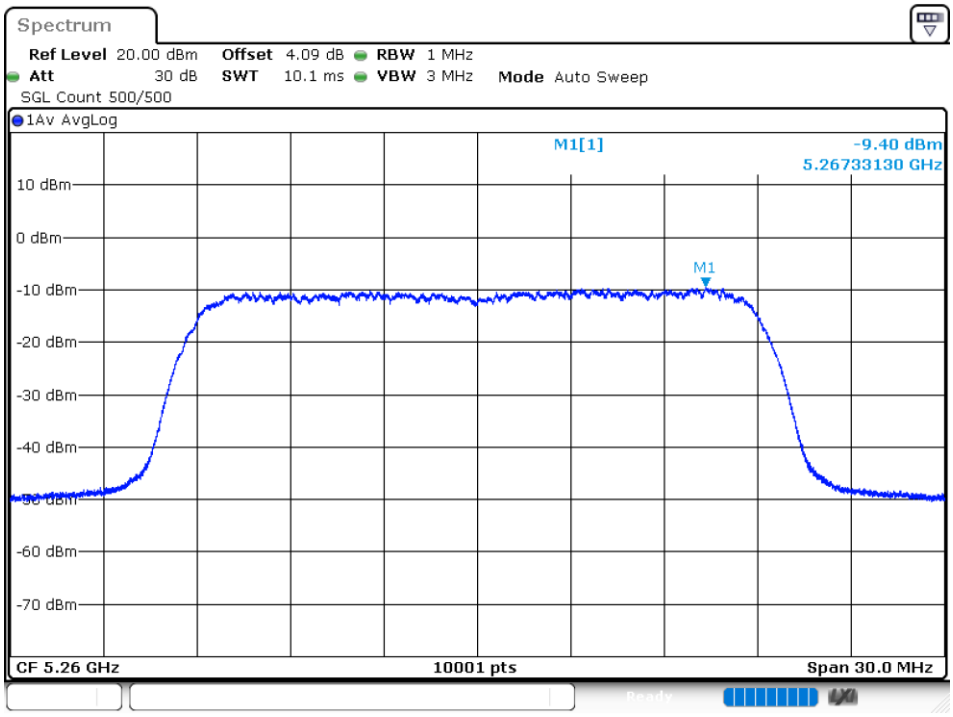
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5260	Ant1	-12.72	0.1	-12.62	10.89	Pass
NVNT	ac20	5260	Ant2	-9.4	0.1	-9.3	10.89	Pass
NVNT	ac20	5260	Sum	-7.74	0.1	-7.64	10.89	Pass
NVNT	ac20	5280	Ant1	-12.34	0.1	-12.24	10.89	Pass
NVNT	ac20	5280	Ant2	-8.4	0.1	-8.3	10.89	Pass
NVNT	ac20	5280	Sum	-6.93	0.1	-6.83	10.89	Pass
NVNT	ac20	5320	Ant1	-1.01	0.1	-0.91	10.89	Pass
NVNT	ac20	5320	Ant2	-4.59	0.1	-4.49	10.89	Pass
NVNT	ac20	5320	Sum	0.57	0.1	0.67	10.89	Pass
NVNT	ac40	5270	Ant1	-7.76	0.21	-7.55	10.89	Pass
NVNT	ac40	5270	Ant2	-9.93	0.21	-9.72	10.89	Pass
NVNT	ac40	5270	Sum	-5.7	0.21	-5.49	10.89	Pass
NVNT	ac40	5310	Ant1	-8.01	0.21	-7.8	10.89	Pass
NVNT	ac40	5310	Ant2	-10.06	0.21	-9.85	10.89	Pass
NVNT	ac40	5310	Sum	-5.9	0.21	-5.69	10.89	Pass
NVNT	ac80	5290	Ant1	-16.23	0.6	-15.63	10.89	Pass
NVNT	ac80	5290	Ant2	-14.45	0.6	-13.85	10.89	Pass
NVNT	ac80	5290	Sum	-12.24	0.6	-11.64	10.89	Pass
NVNT	n20	5260	Ant1	-10.1	0.1	-10	10.89	Pass
NVNT	n20	5260	Ant2	-9.65	0.1	-9.55	10.89	Pass
NVNT	n20	5260	Sum	-6.86	0.1	-6.76	10.89	Pass
NVNT	n20	5280	Ant1	-1.59	0.1	-1.49	10.89	Pass
NVNT	n20	5280	Ant2	-3.74	0.1	-3.64	10.89	Pass
NVNT	n20	5280	Sum	0.48	0.1	0.58	10.89	Pass
NVNT	n20	5320	Ant1	-7.95	0.1	-7.85	10.89	Pass
NVNT	n20	5320	Ant2	-4.63	0.1	-4.53	10.89	Pass
NVNT	n20	5320	Sum	-2.97	0.1	-2.87	10.89	Pass
NVNT	n40	5270	Ant1	-6.92	0.2	-6.72	10.89	Pass
NVNT	n40	5270	Ant2	-8.86	0.2	-8.66	10.89	Pass
NVNT	n40	5270	Sum	-4.77	0.2	-4.57	10.89	Pass
NVNT	n40	5310	Ant1	-28.67	0.21	-28.46	10.89	Pass
NVNT	n40	5310	Ant2	-8.03	0.21	-7.82	10.89	Pass
NVNT	n40	5310	Sum	-7.99	0.21	-7.78	10.89	Pass

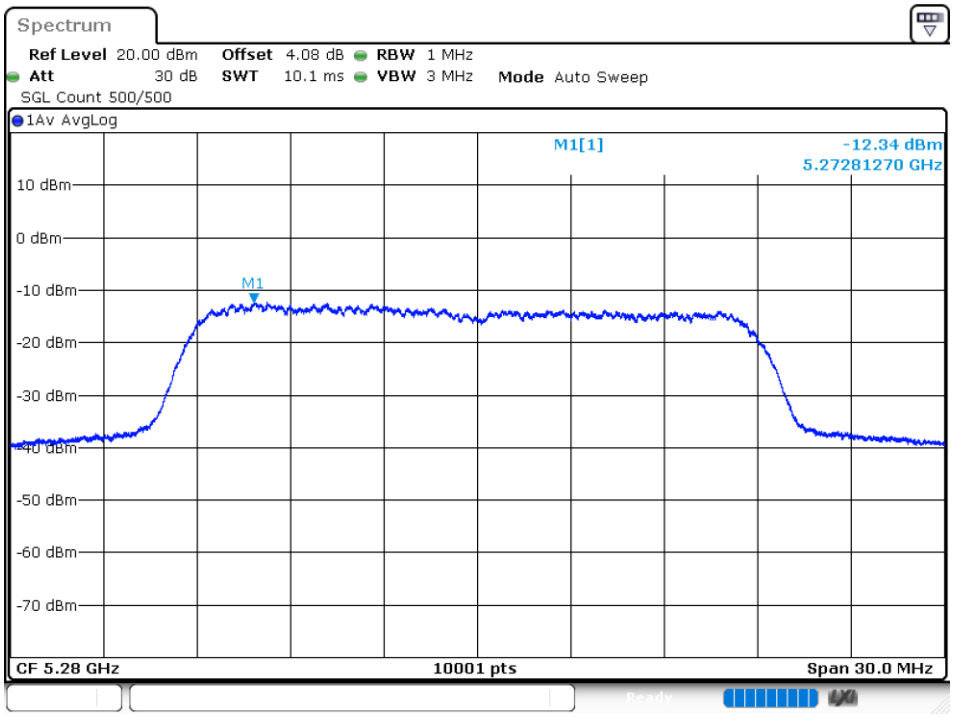
Test Graphs
PSD NVNT ac20 5260MHz Ant1



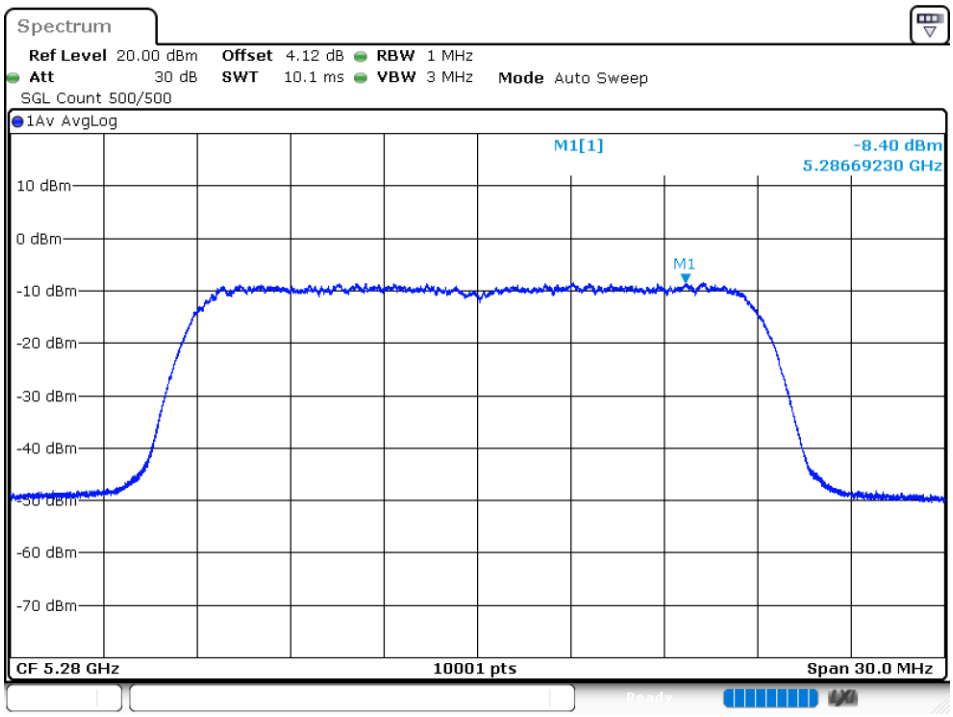
PSD NVNT ac20 5260MHz Ant2



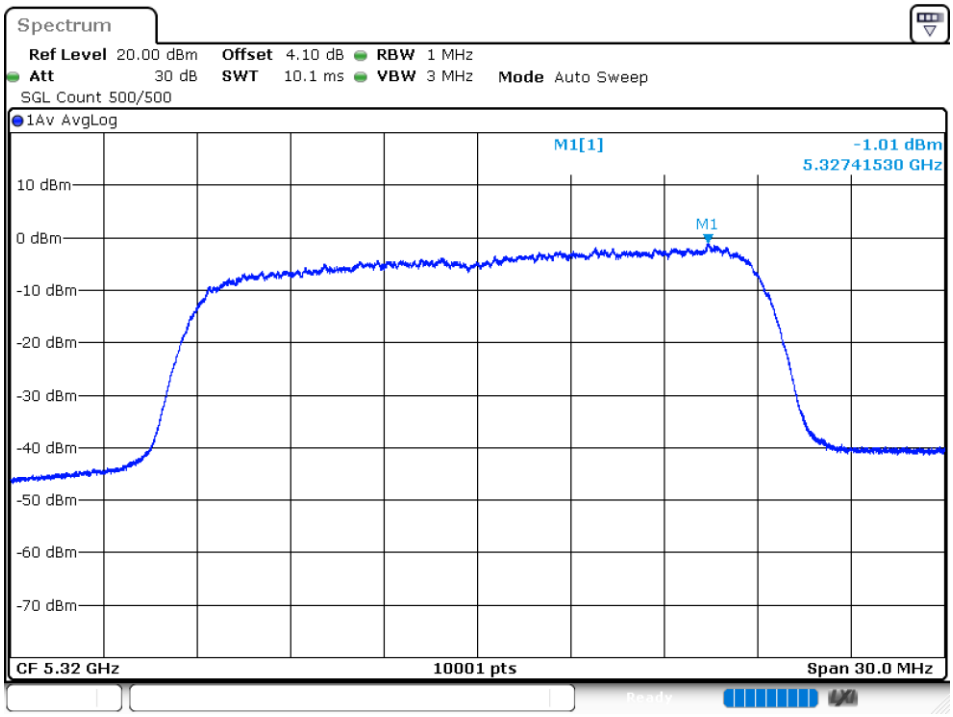
PSD NVNT ac20 5280MHz Ant1



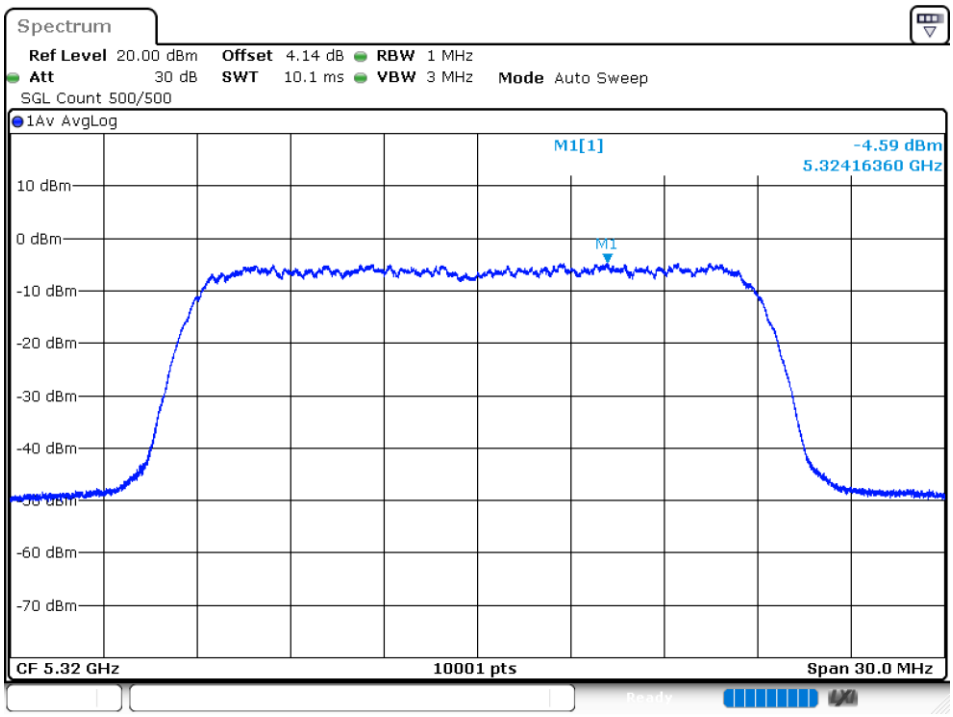
PSD NVNT ac20 5280MHz Ant2



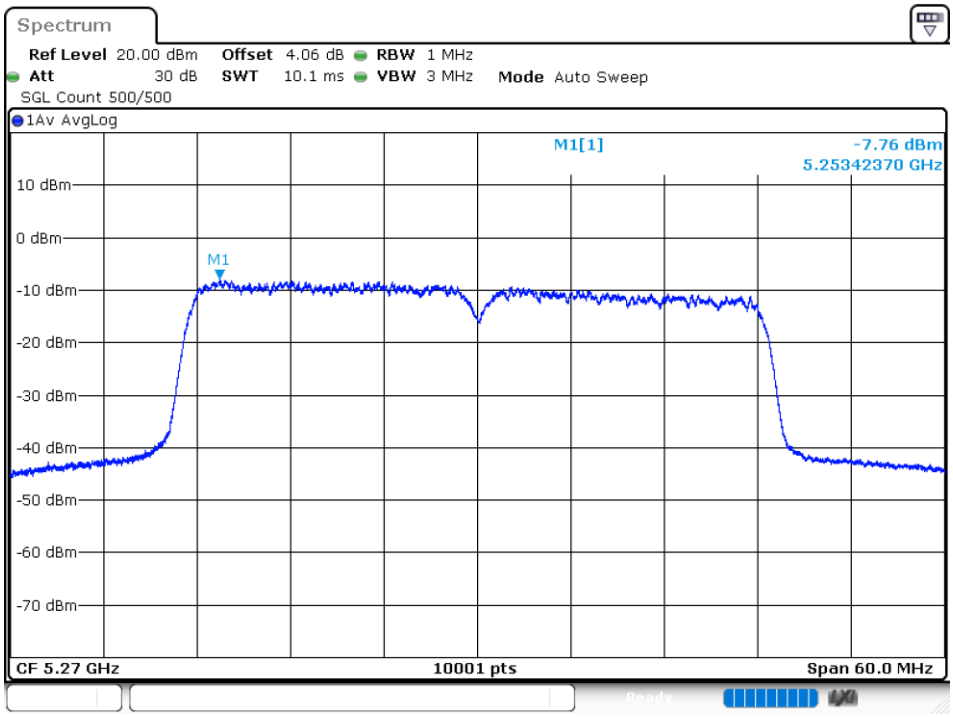
PSD NVNT ac20 5320MHz Ant1



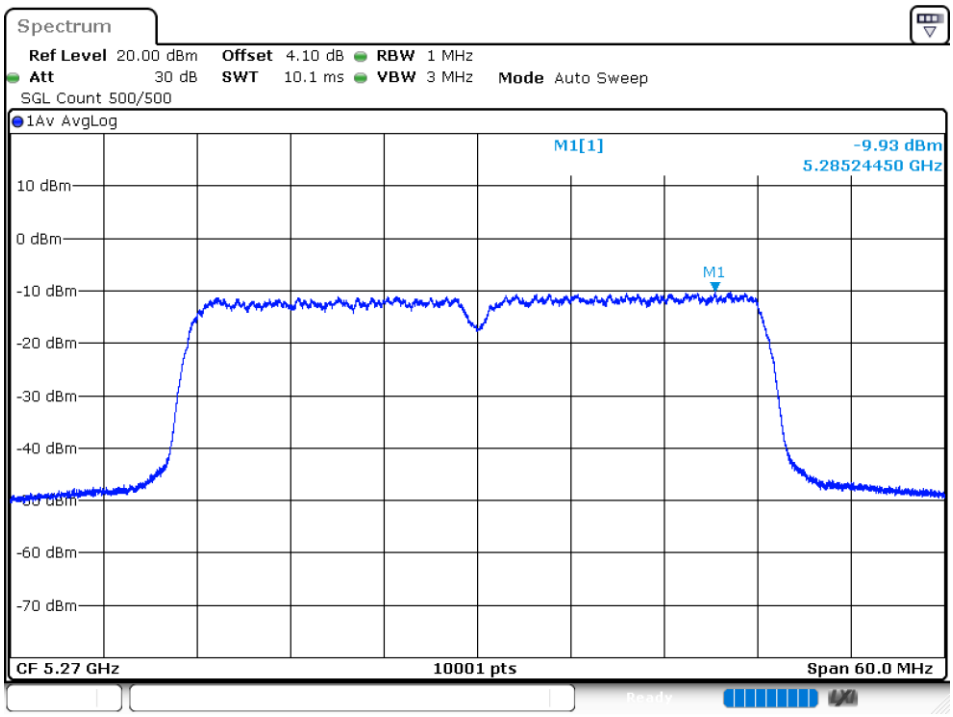
PSD NVNT ac20 5320MHz Ant2



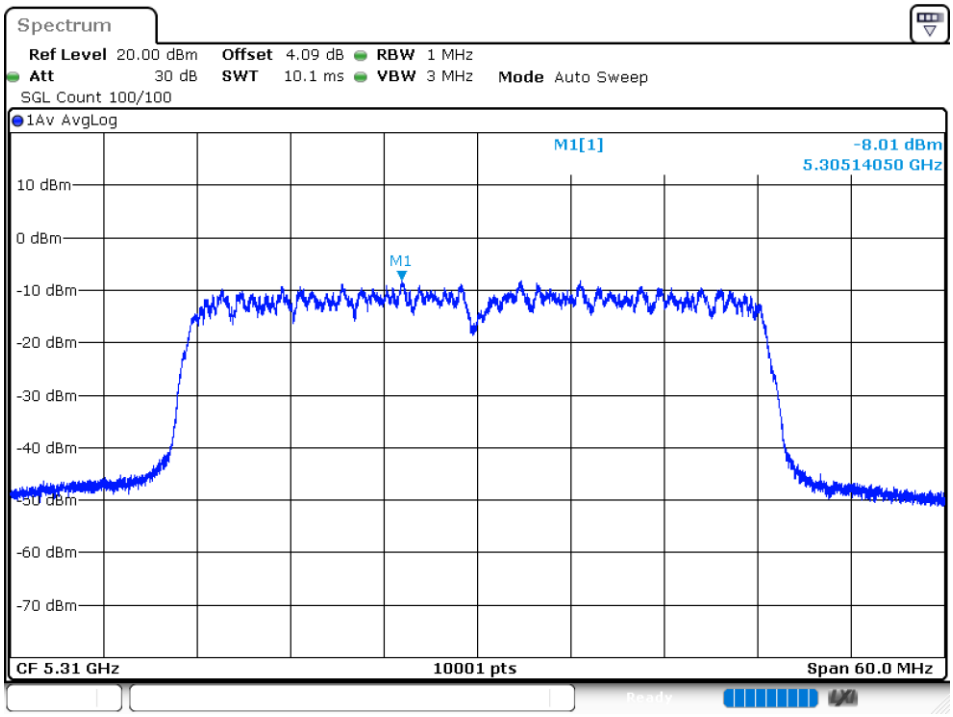
PSD NVNT ac40 5270MHz Ant1



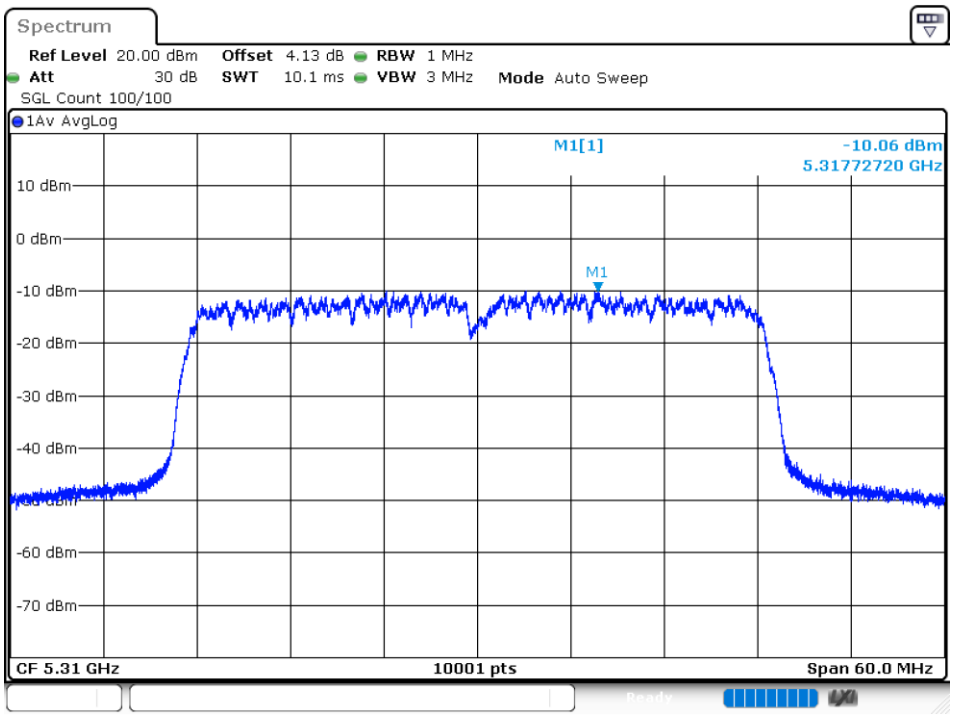
PSD NVNT ac40 5270MHz Ant2



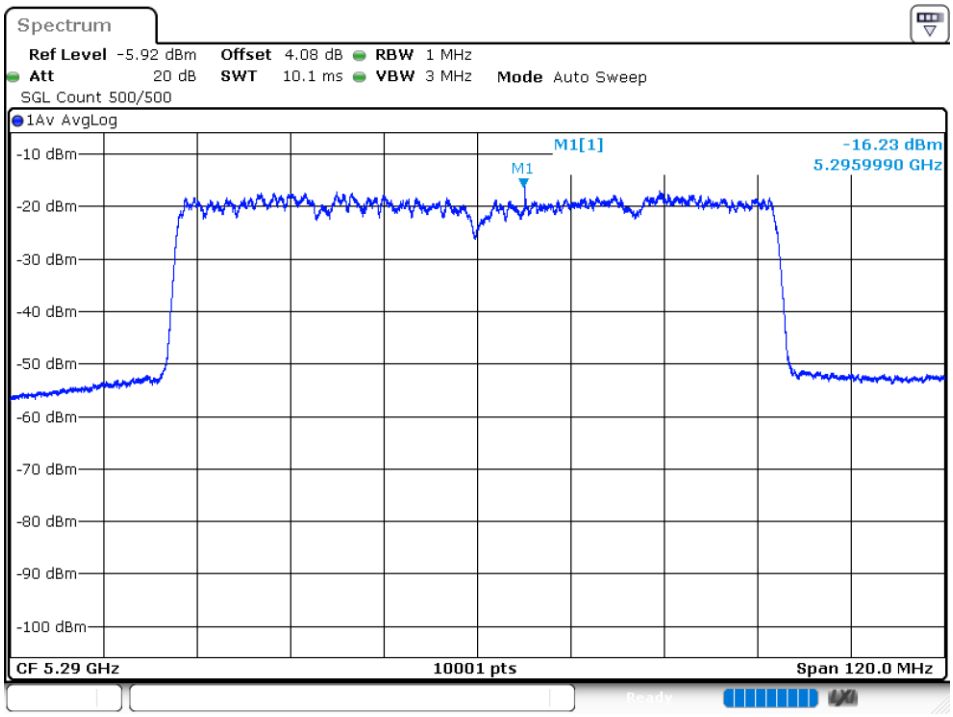
PSD NVNT ac40 5310MHz Ant1



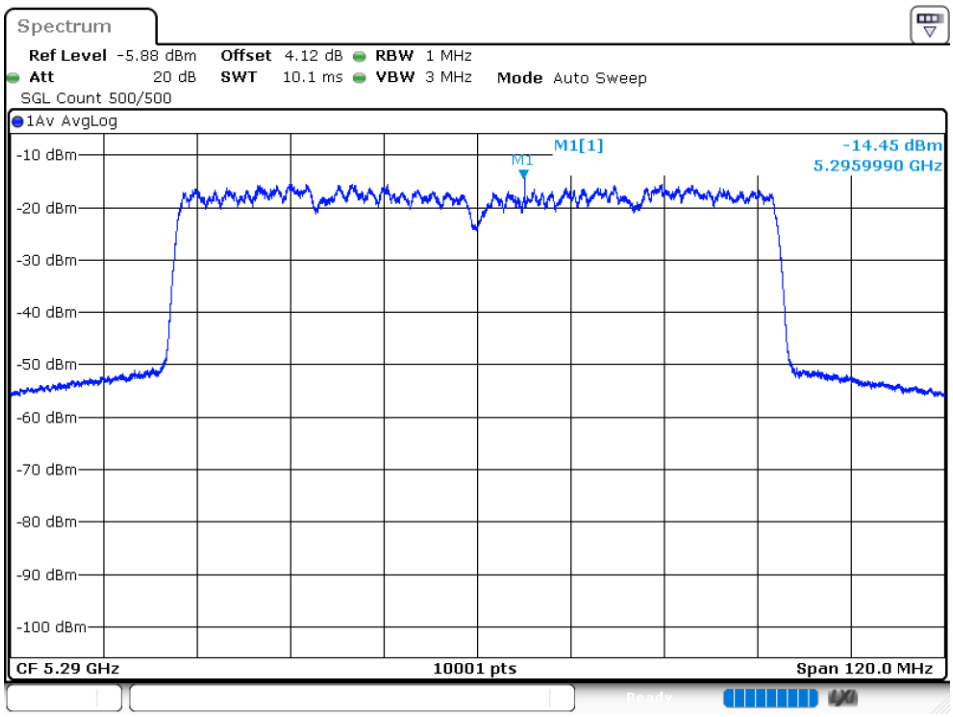
PSD NVNT ac40 5310MHz Ant2



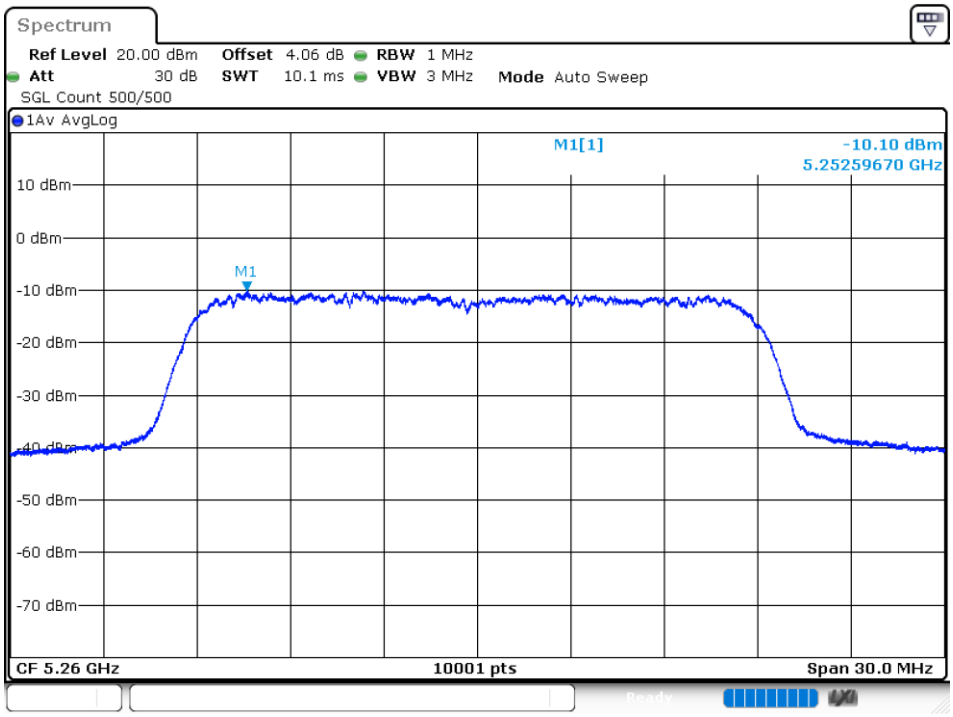
PSD NVNT ac80 5290MHz Ant1



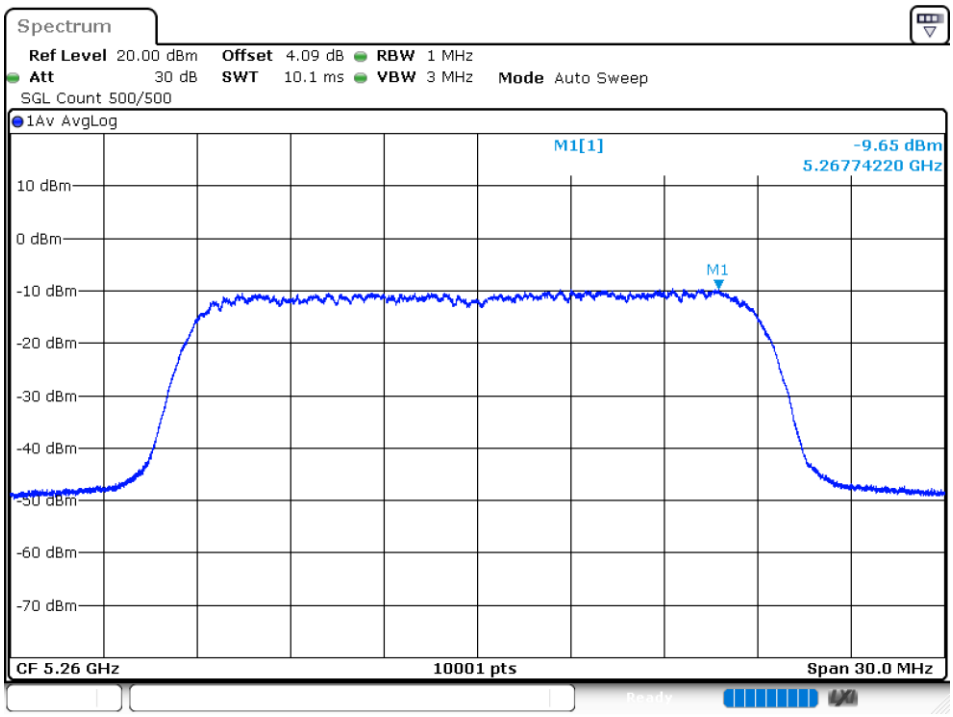
PSD NVNT ac80 5290MHz Ant2



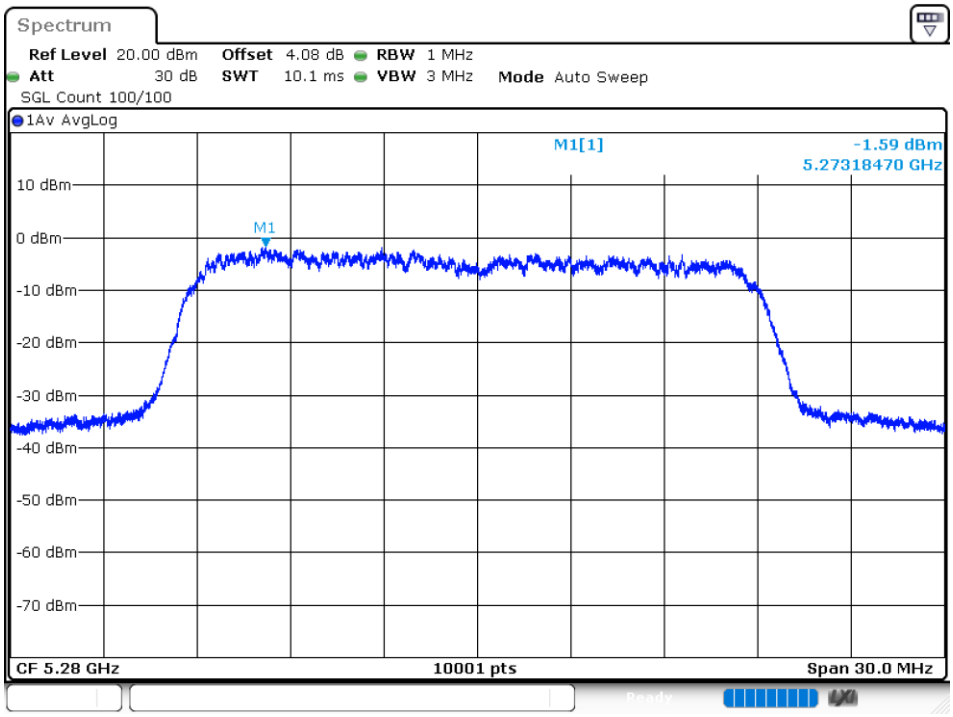
PSD NVNT n20 5260MHz Ant1



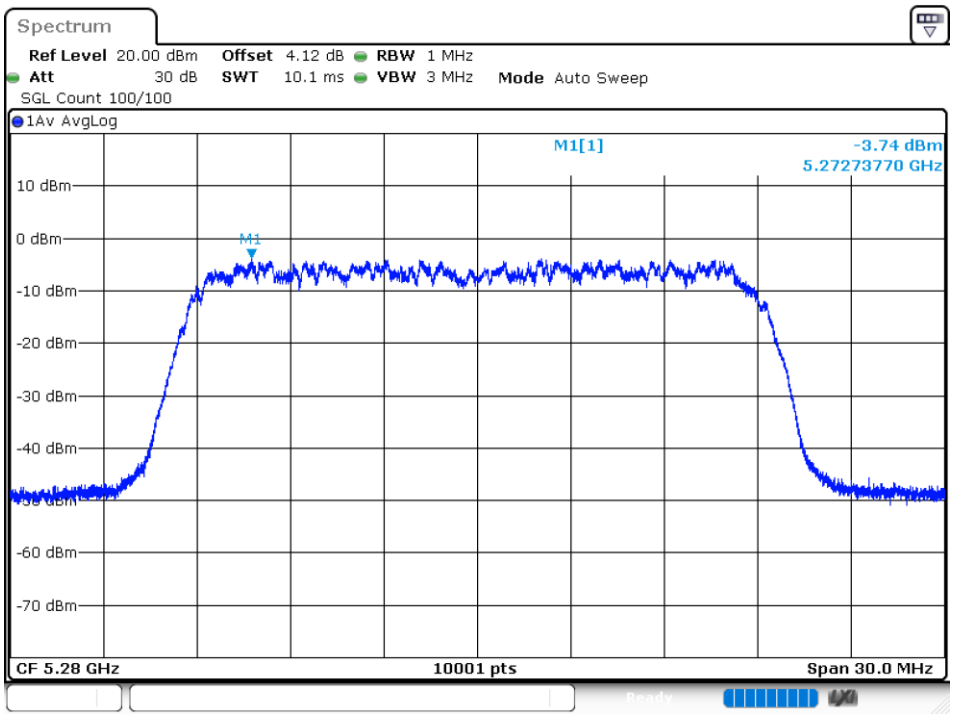
PSD NVNT n20 5260MHz Ant2



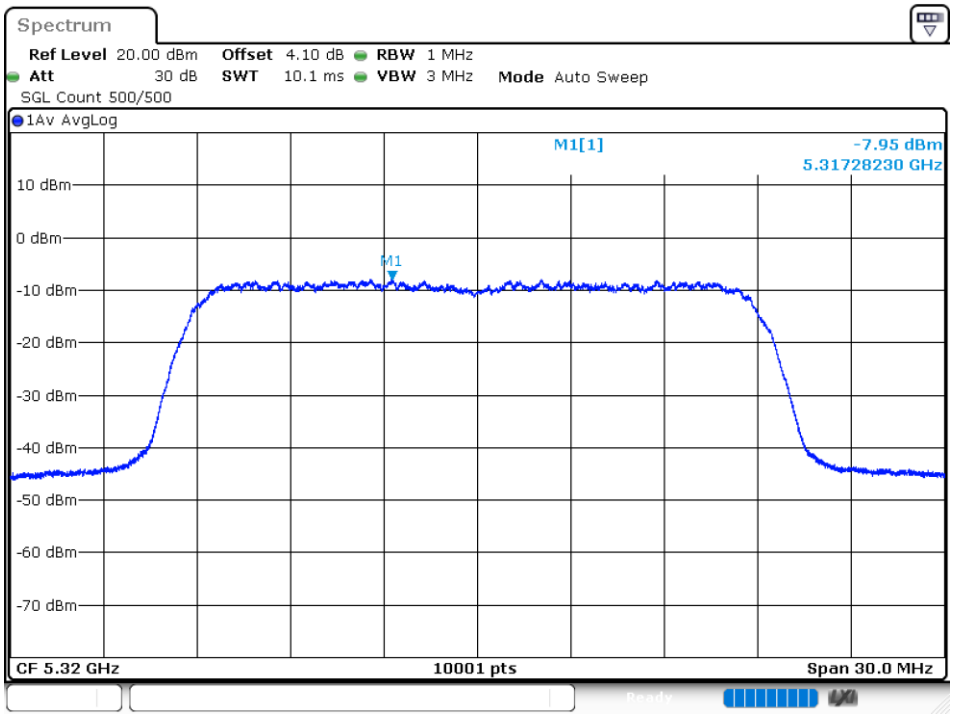
PSD NVNT n20 5280MHz Ant1



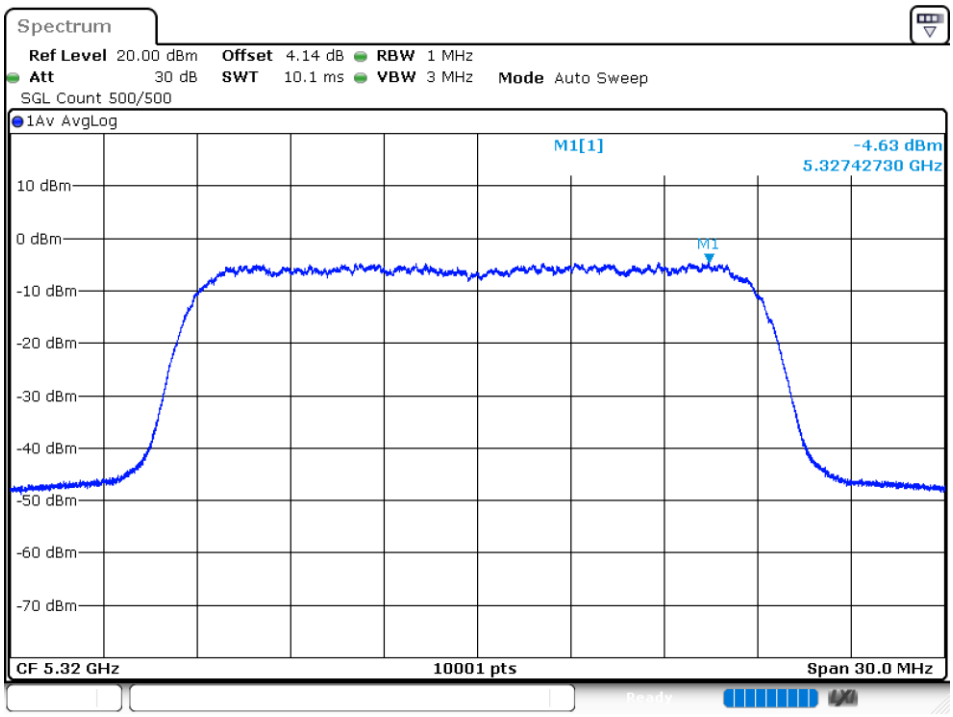
PSD NVNT n20 5280MHz Ant2



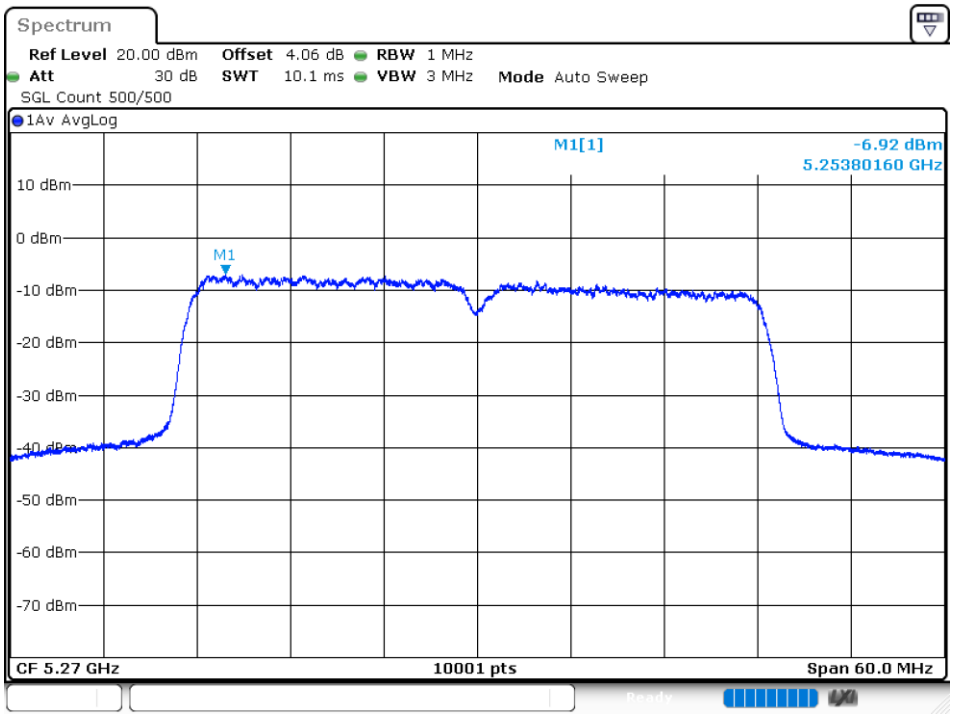
PSD NVNT n20 5320MHz Ant1



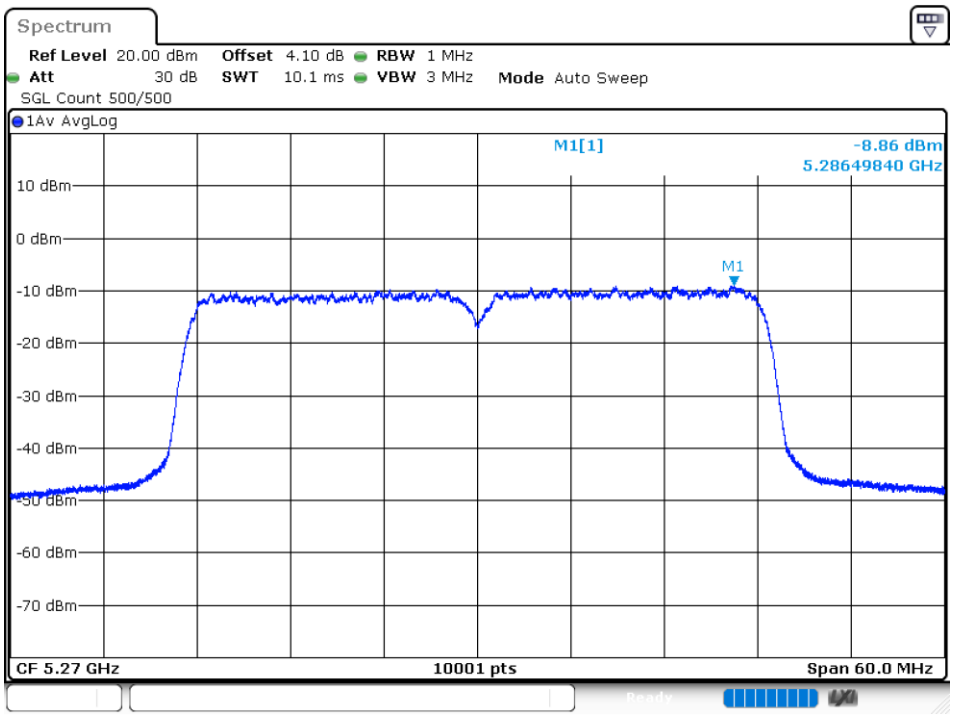
PSD NVNT n20 5320MHz Ant2



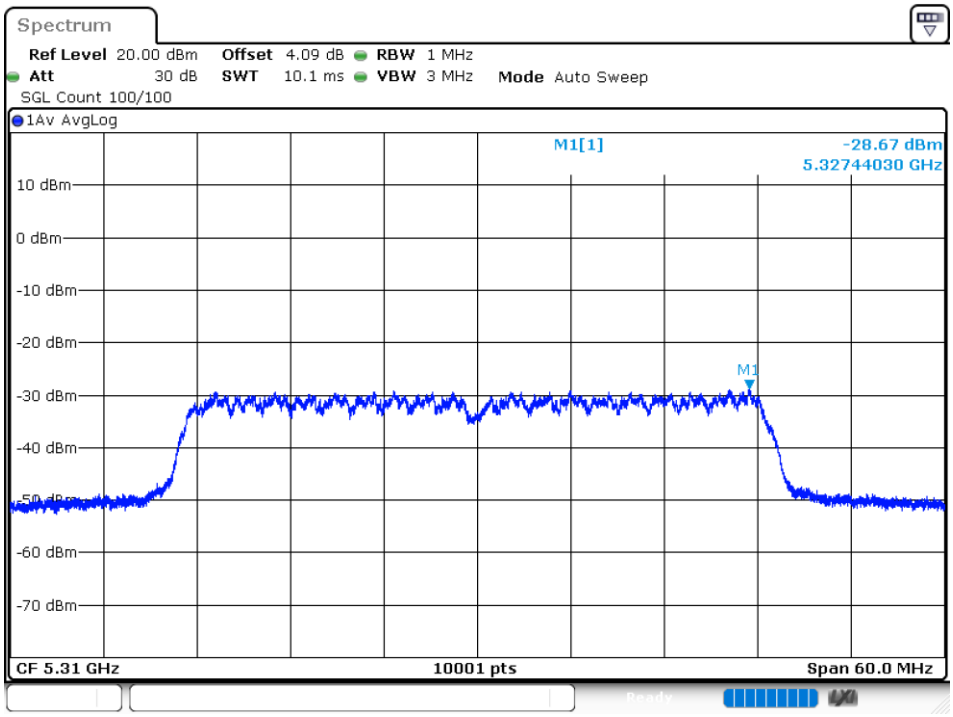
PSD NVNT n40 5270MHz Ant1



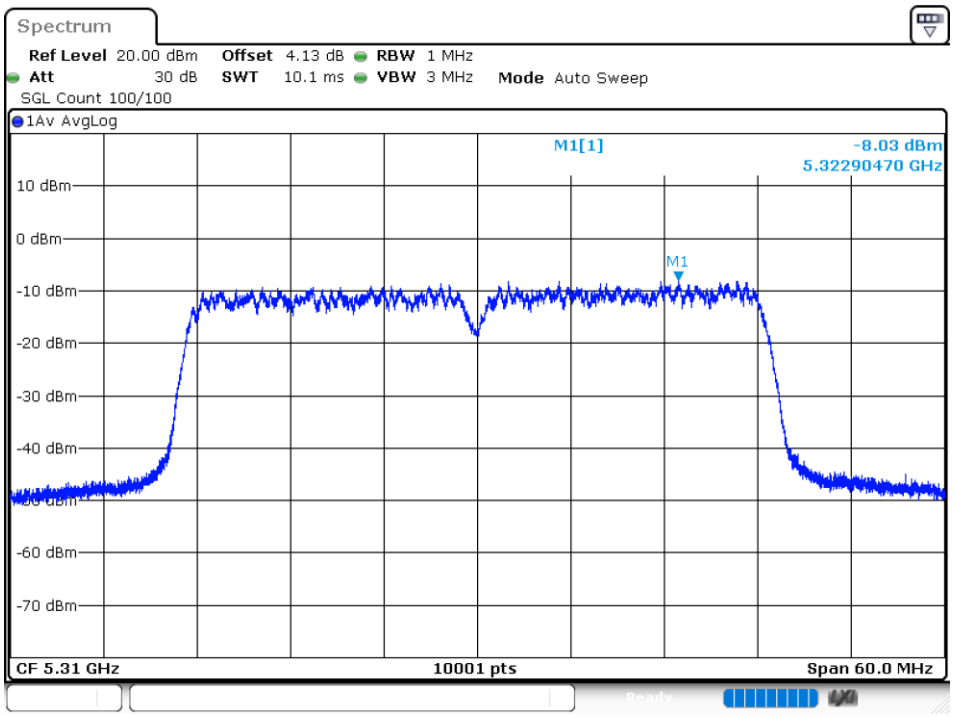
PSD NVNT n40 5270MHz Ant2



PSD NVNT n40 5310MHz Ant1



PSD NVNT n40 5310MHz Ant2



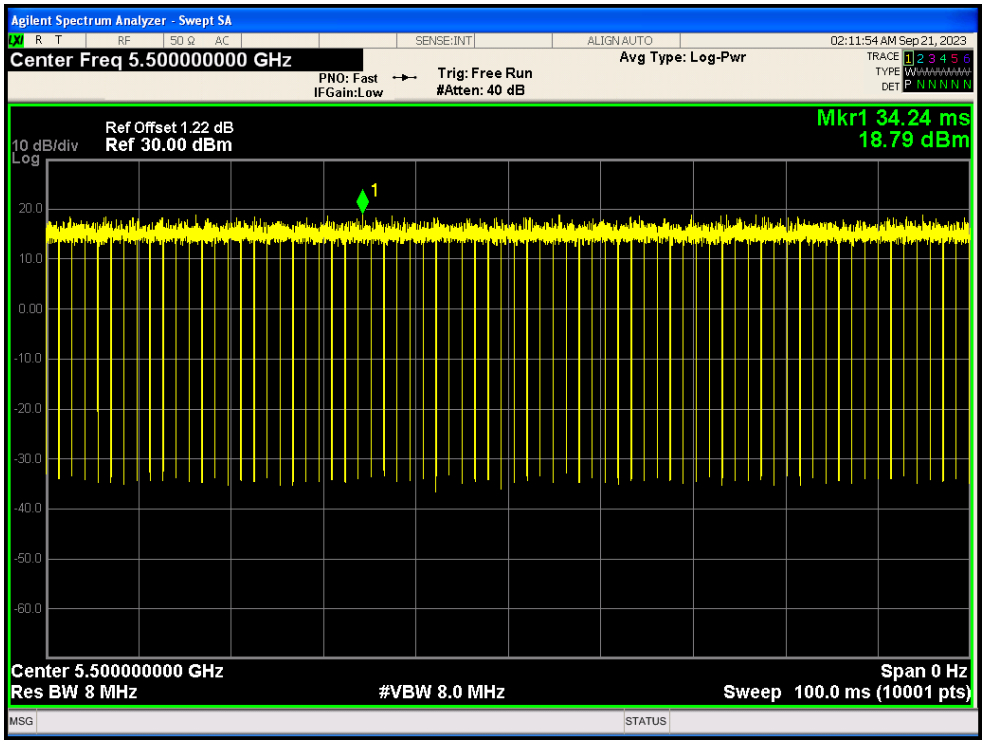
5.6G WIFI

Duty Cycle

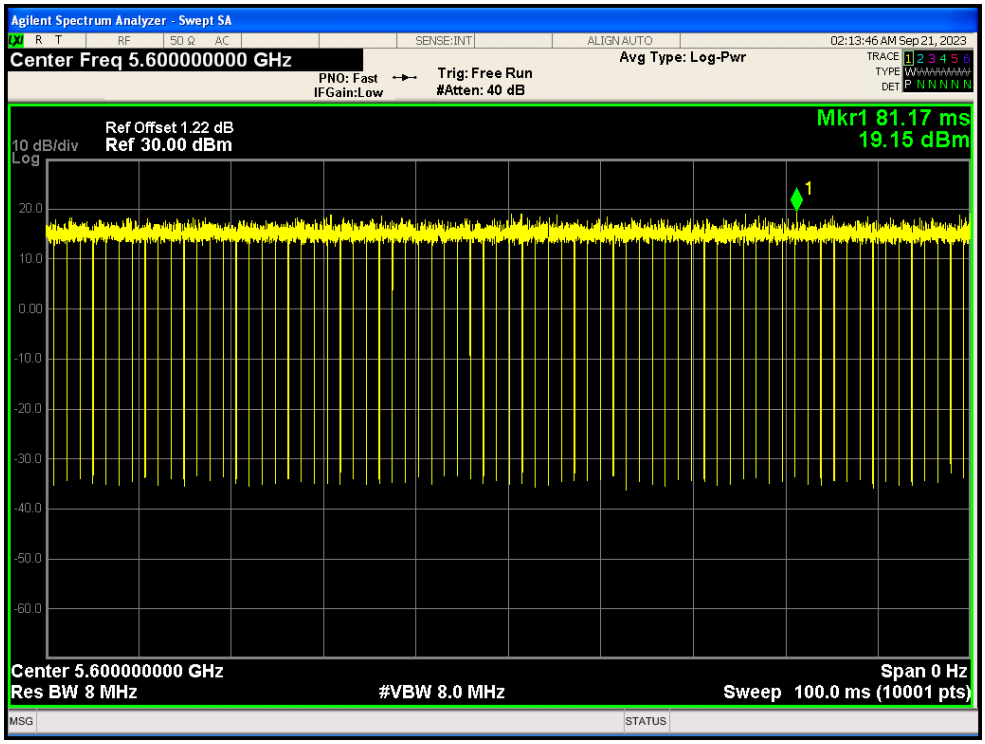
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5500	Ant1	97.75	0.1
NVNT	a	5600	Ant1	97.72	0.1
NVNT	a	5700	Ant1	97.75	0.1
NVNT	a	5500	Ant2	97.75	0.1
NVNT	a	5600	Ant2	97.71	0.1
NVNT	a	5700	Ant2	97.76	0.1
NVNT	ac20	5500	Ant1	97.76	0.1
NVNT	ac20	5600	Ant1	97.63	0.1
NVNT	ac20	5700	Ant1	97.67	0.1
NVNT	ac20	5500	Ant2	97.78	0.1
NVNT	ac20	5600	Ant2	97.64	0.1
NVNT	ac20	5700	Ant2	97.8	0.1
NVNT	ac40	5510	Ant1	95.33	0.21
NVNT	ac40	5590	Ant1	95.34	0.21
NVNT	ac40	5670	Ant1	95.31	0.21
NVNT	ac40	5510	Ant2	95.35	0.21
NVNT	ac40	5590	Ant2	95.32	0.21
NVNT	ac40	5670	Ant2	95.3	0.21
NVNT	ac80	5530	Ant1	91.67	0.38
NVNT	ac80	5610	Ant1	91.7	0.38
NVNT	ac80	5530	Ant2	91.7	0.38
NVNT	ac80	5610	Ant2	91.56	0.38
NVNT	n20	5500	Ant1	97.7	0.1
NVNT	n20	5600	Ant1	97.69	0.1
NVNT	n20	5700	Ant1	97.66	0.1
NVNT	n20	5500	Ant2	97.65	0.1
NVNT	n20	5600	Ant2	97.62	0.1
NVNT	n20	5700	Ant2	97.71	0.1
NVNT	n40	5510	Ant1	95.42	0.2
NVNT	n40	5590	Ant1	95.44	0.2
NVNT	n40	5670	Ant1	95.45	0.2
NVNT	n40	5510	Ant2	95.41	0.2

NVNT	n40	5590	Ant2	95.41	0.2
NVNT	n40	5670	Ant2	95.32	0.21

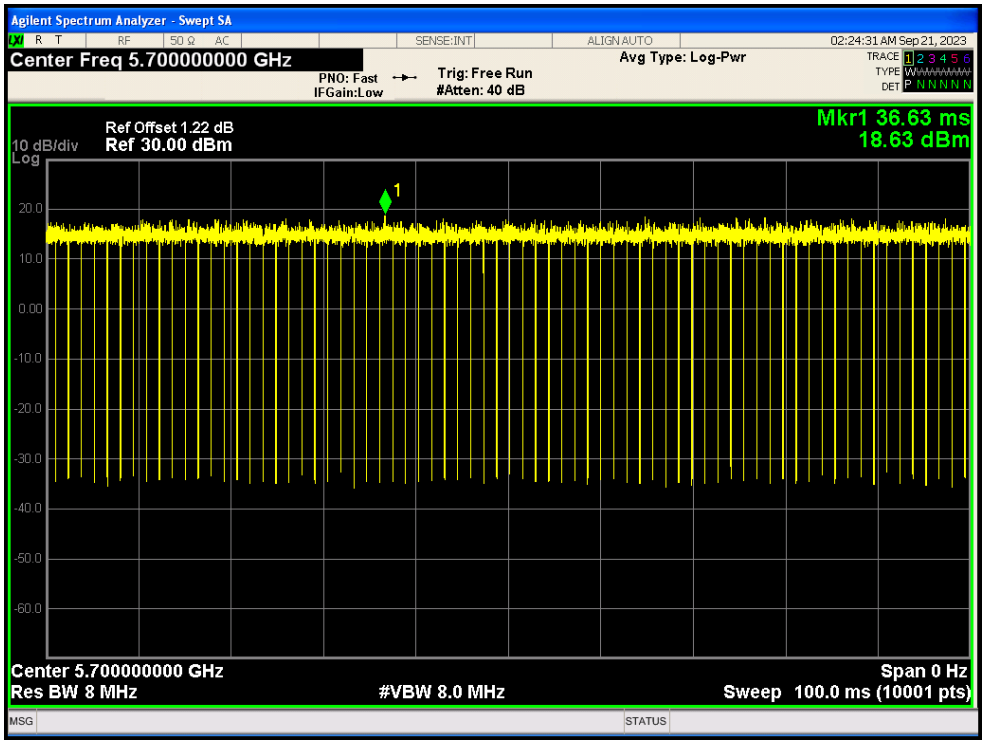
Duty Cycle NVNT a 5500MHz Ant1



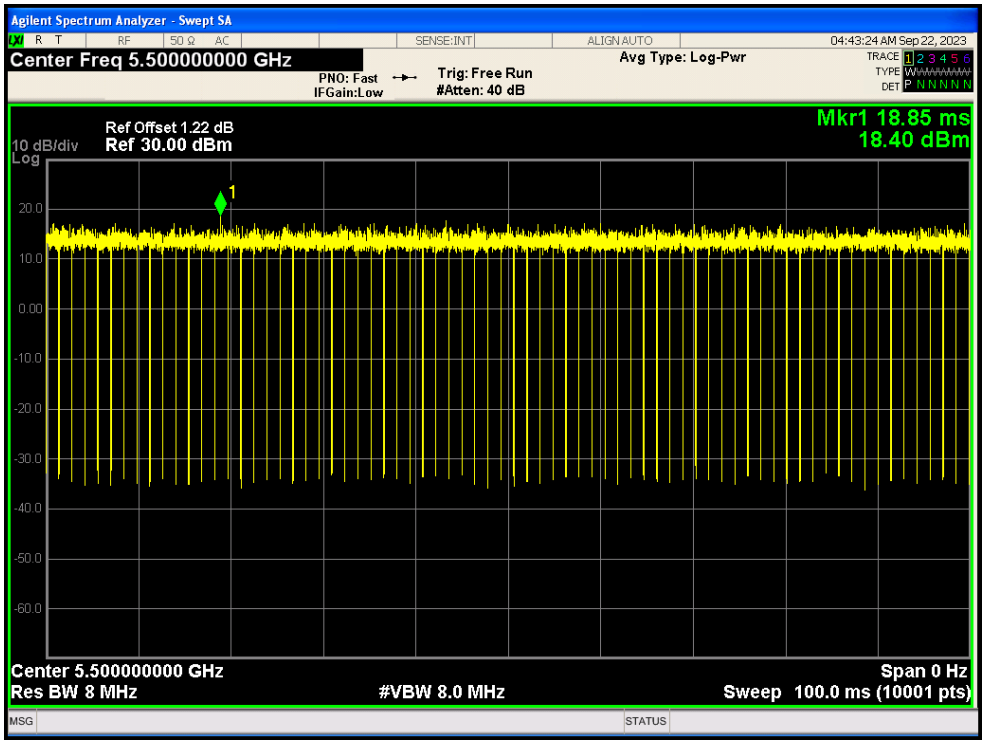
Duty Cycle NVNT a 5600MHz Ant1



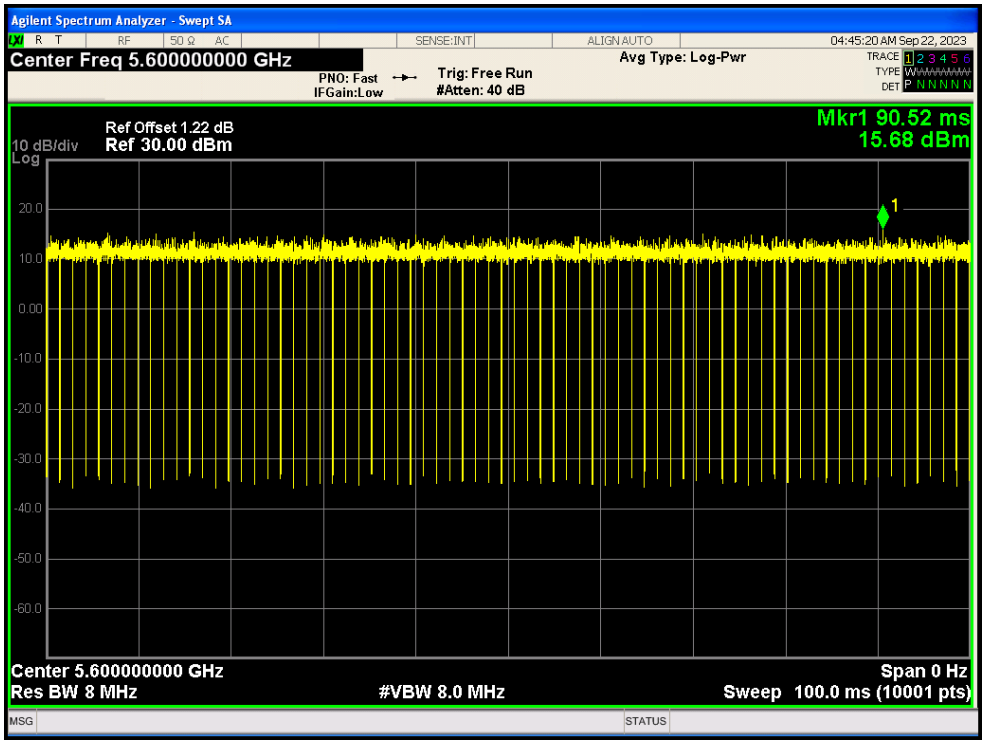
Duty Cycle NVNT a 5700MHz Ant1



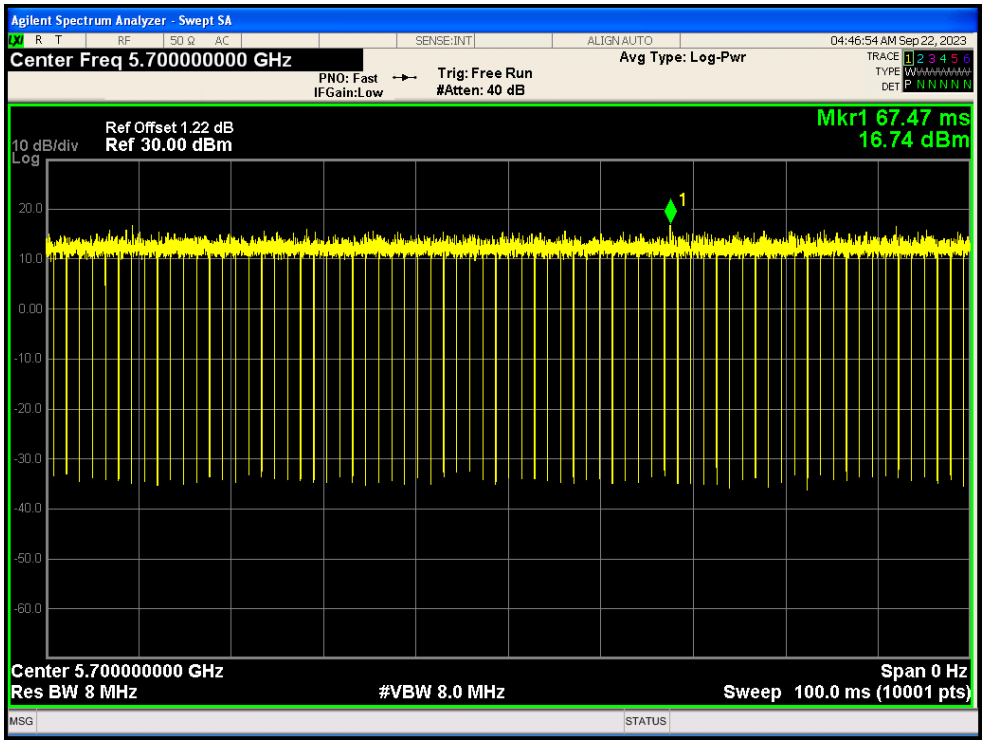
Duty Cycle NVNT a 5500MHz Ant2



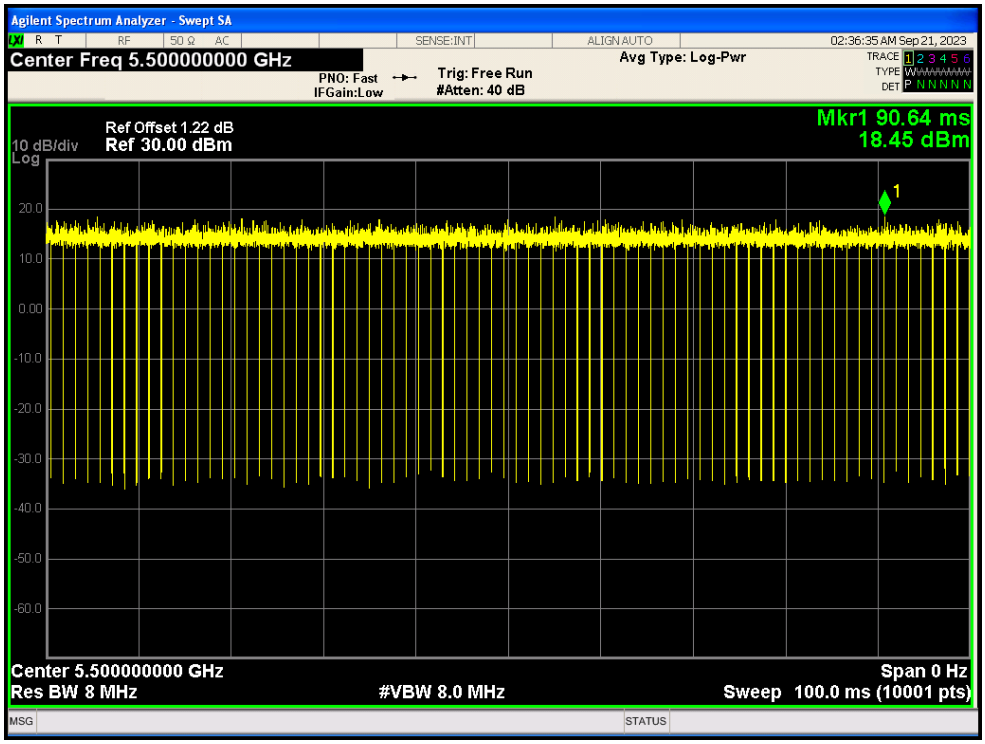
Duty Cycle NVNT a 5600MHz Ant2



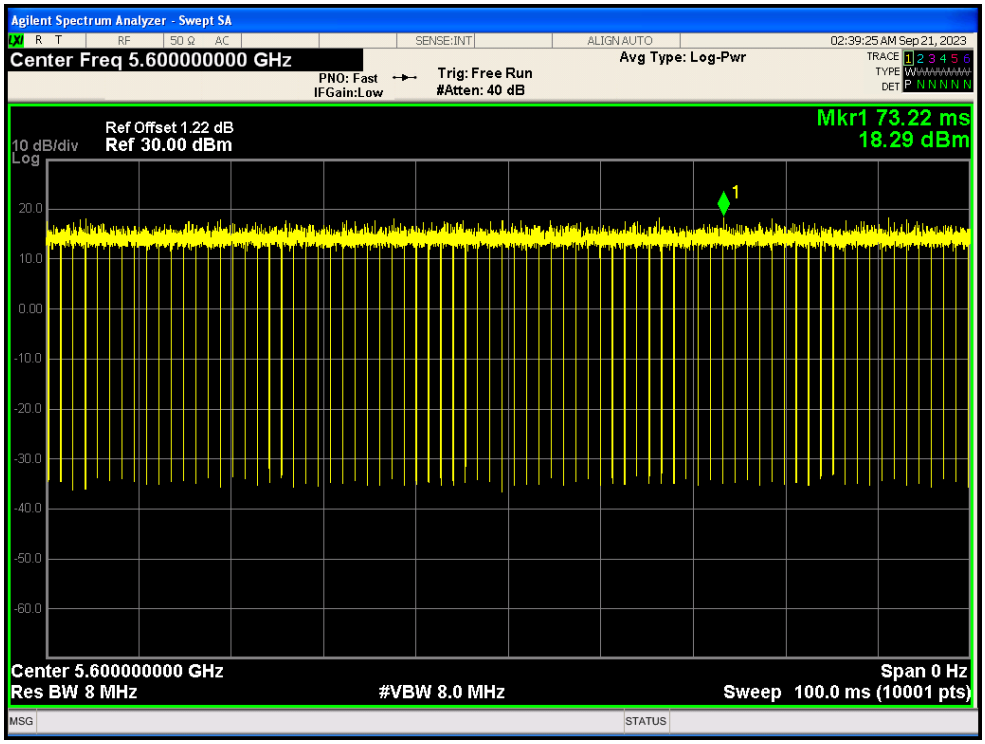
Duty Cycle NVNT a 5700MHz Ant2



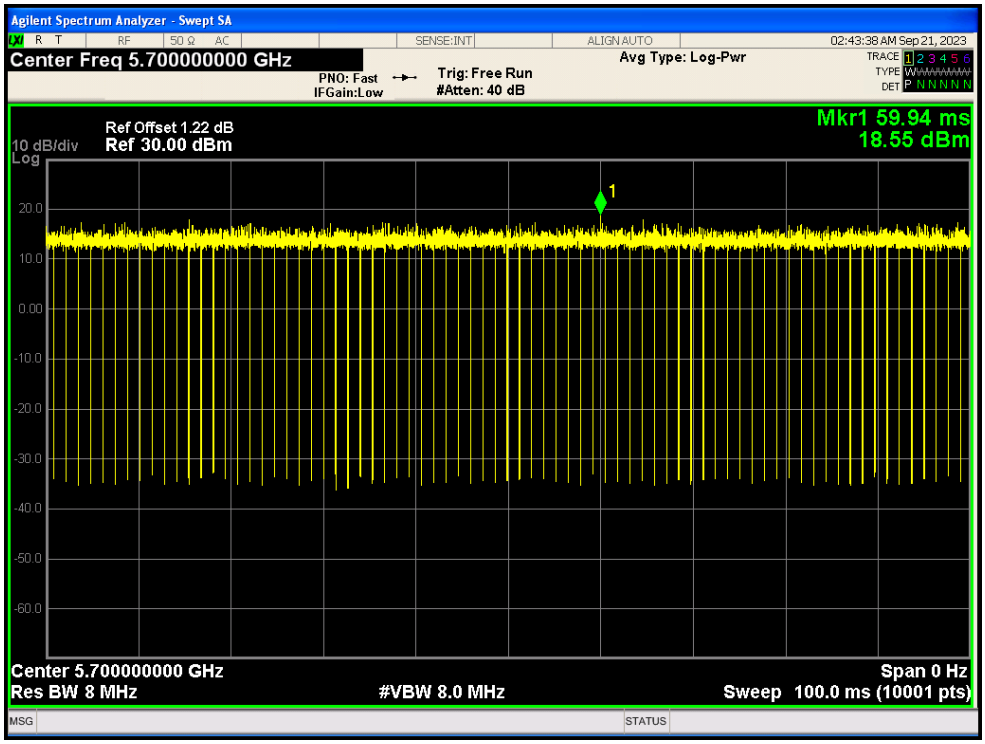
Duty Cycle NVNT ac20 5500MHz Ant1



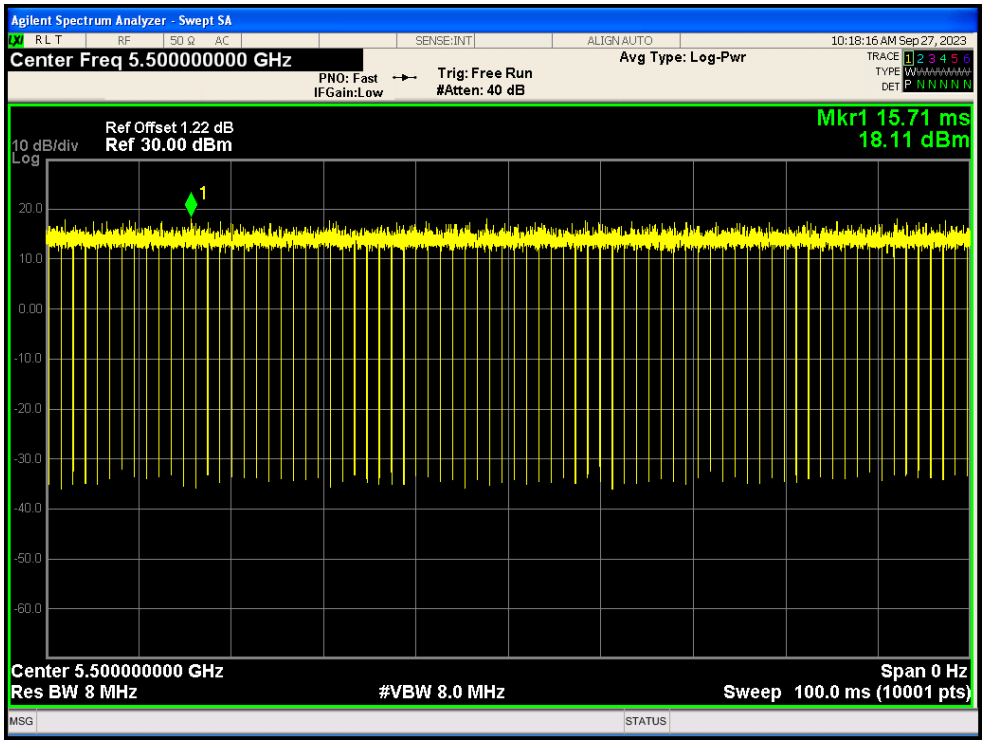
Duty Cycle NVNT ac20 5600MHz Ant1



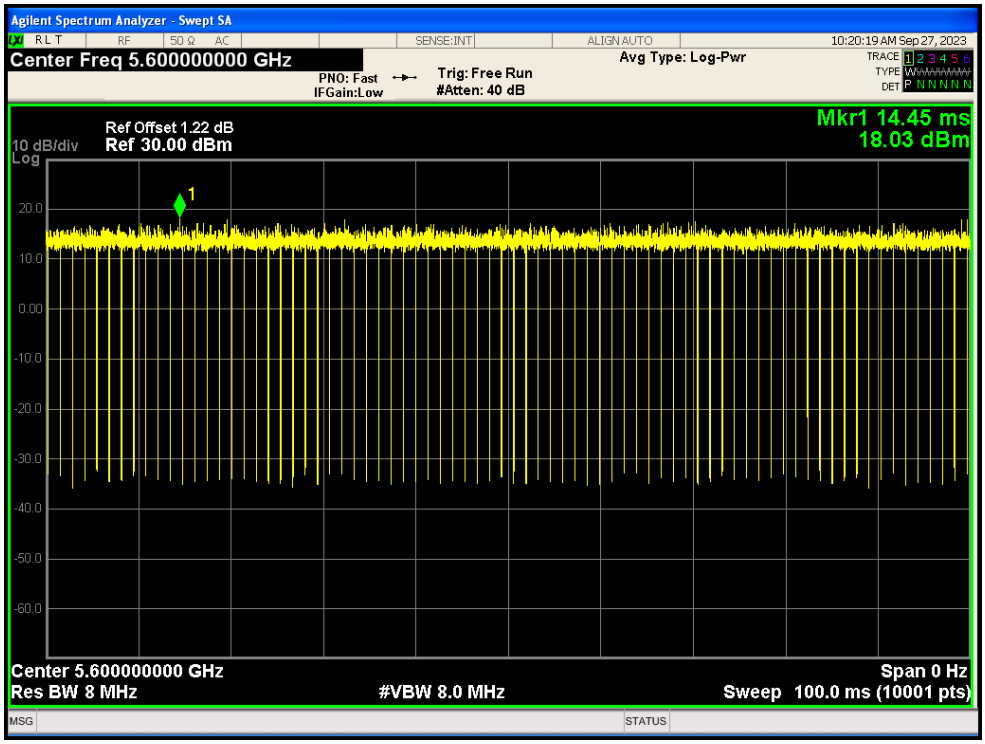
Duty Cycle NVNT ac20 5700MHz Ant1



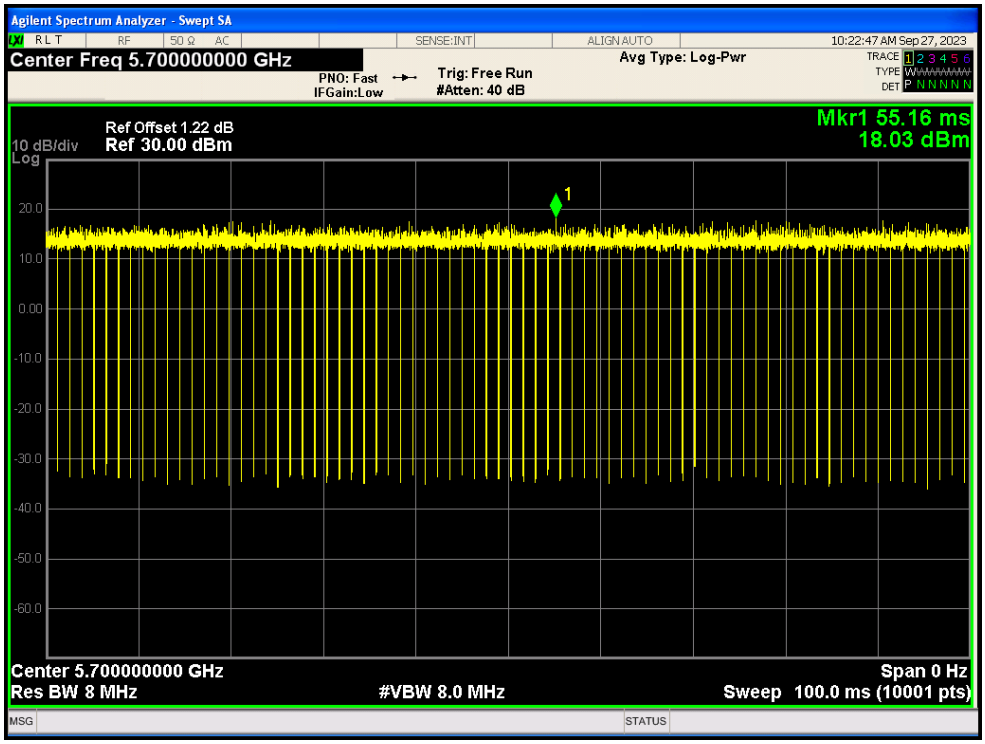
Duty Cycle NVNT ac20 5500MHz Ant2



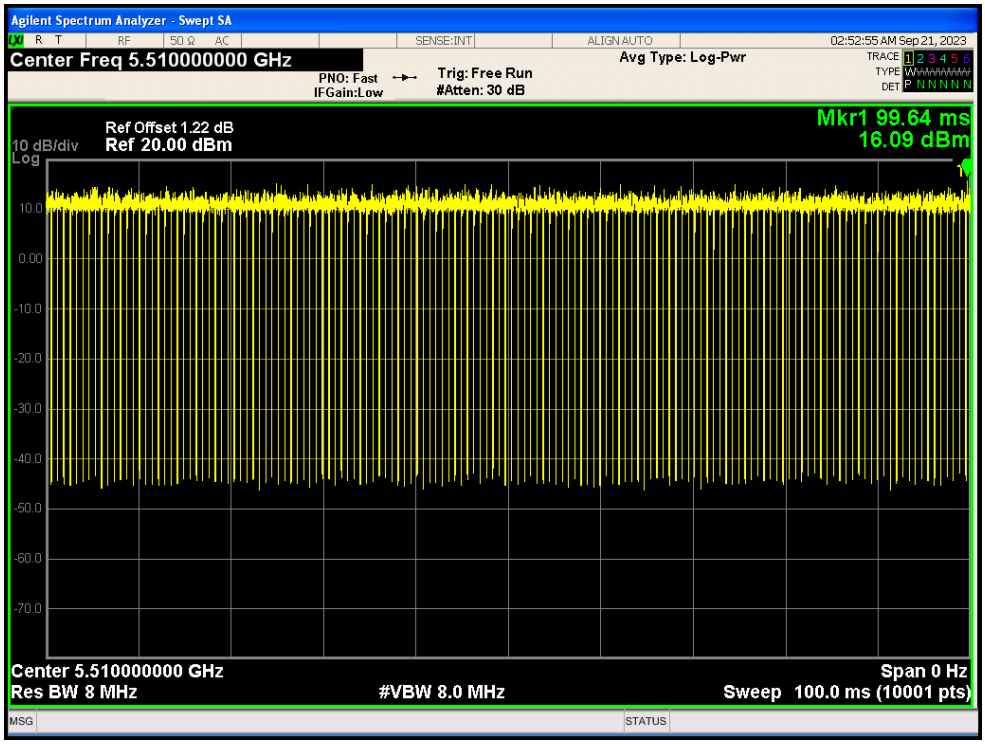
Duty Cycle NVNT ac20 5600MHz Ant2



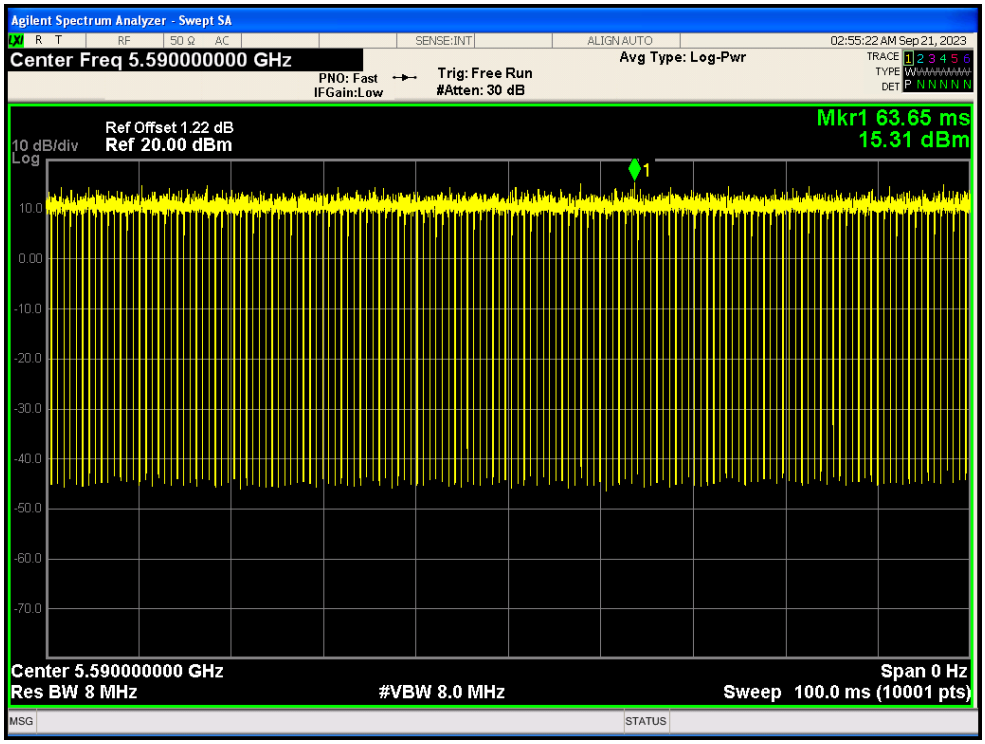
Duty Cycle NVNT ac20 5700MHz Ant2



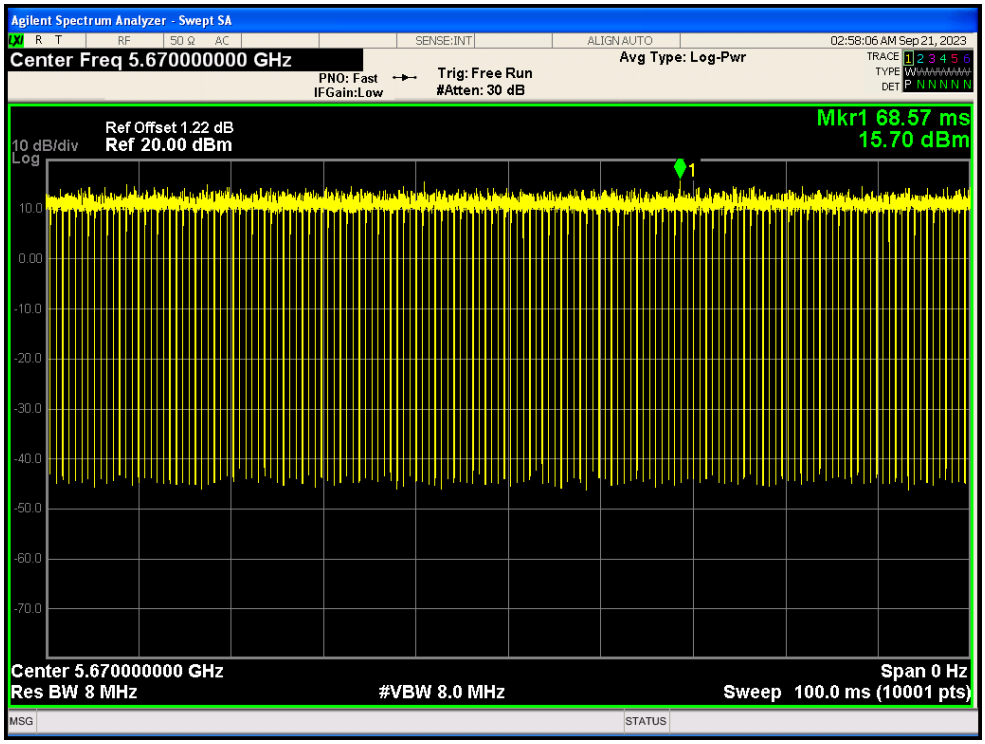
Duty Cycle NVNT ac40 5510MHz Ant1



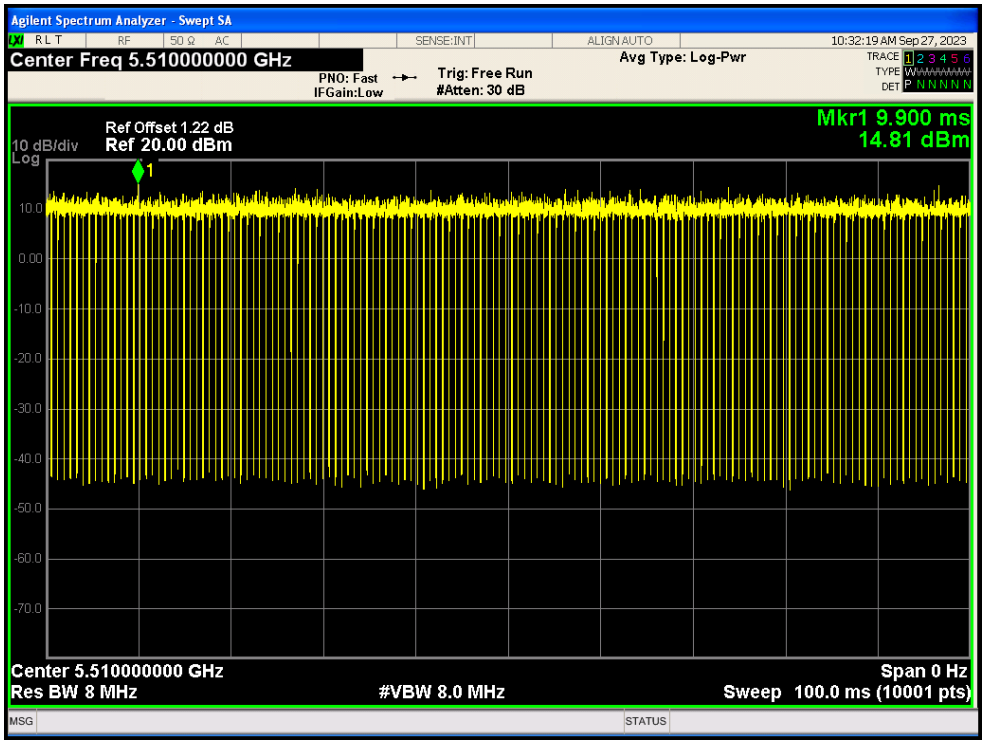
Duty Cycle NVNT ac40 5590MHz Ant1



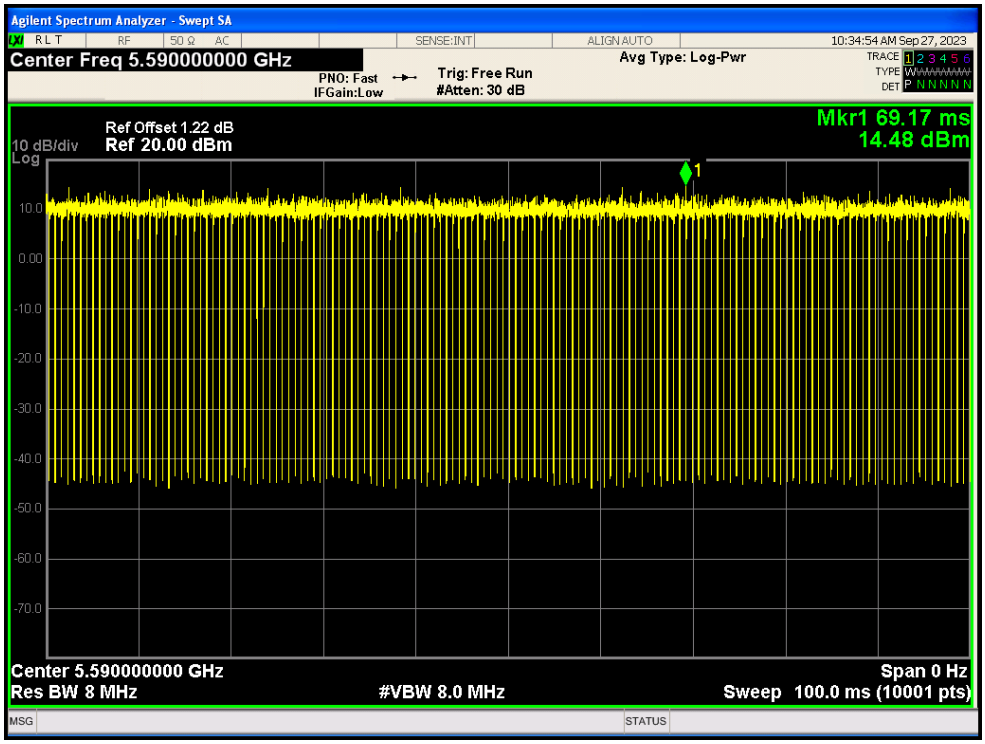
Duty Cycle NVNT ac40 5670MHz Ant1



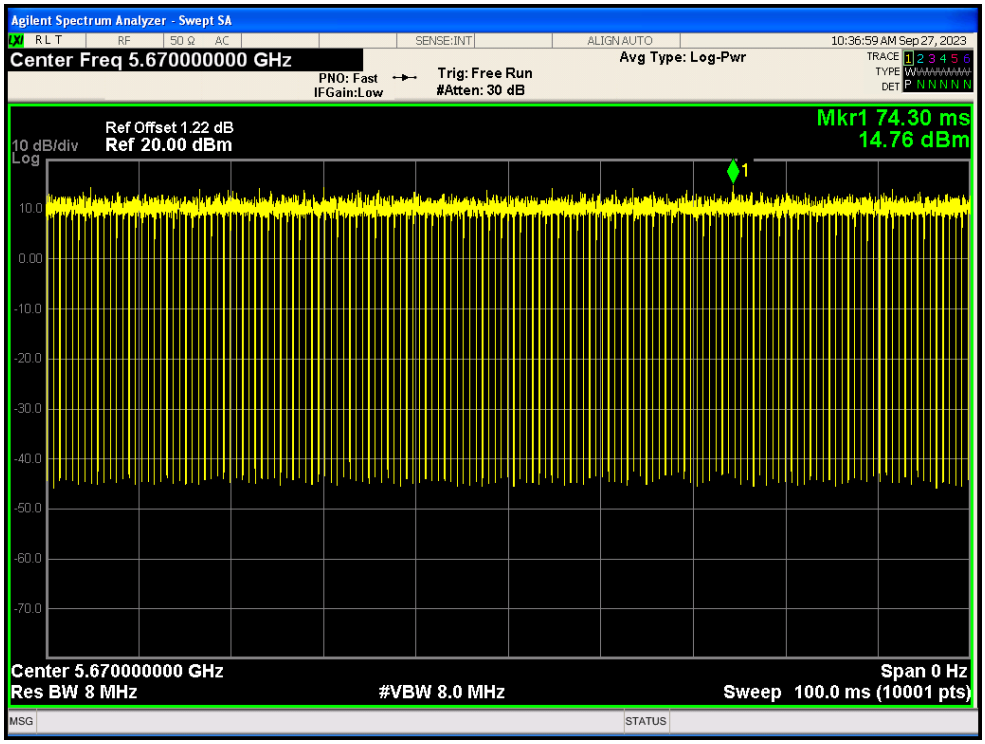
Duty Cycle NVNT ac40 5510MHz Ant2



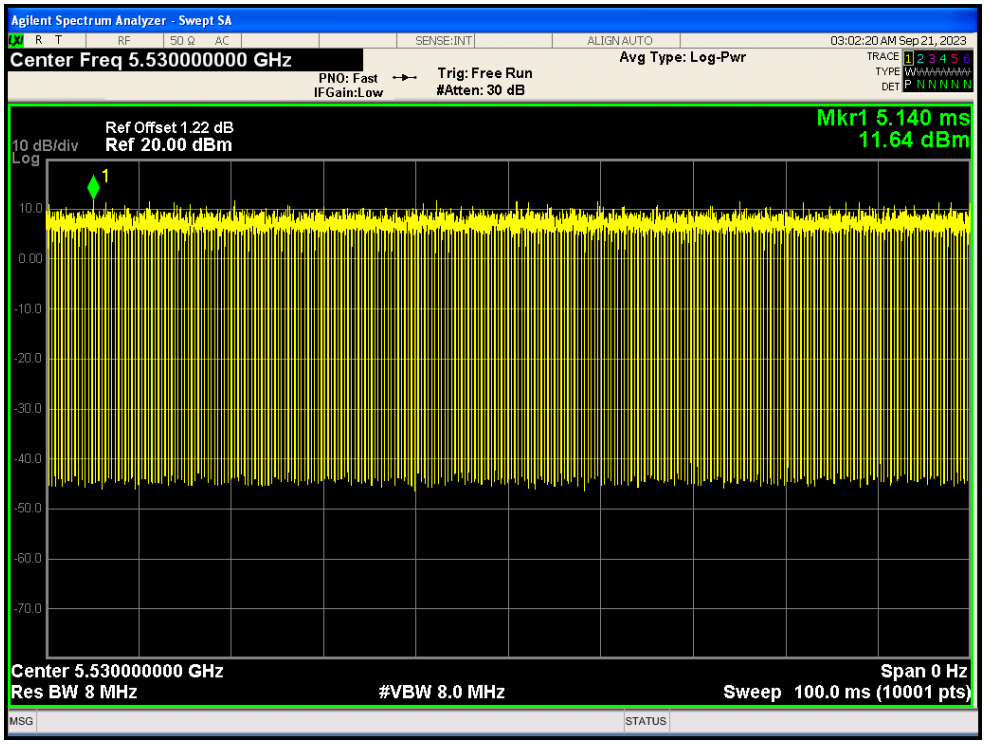
Duty Cycle NVNT ac40 5590MHz Ant2



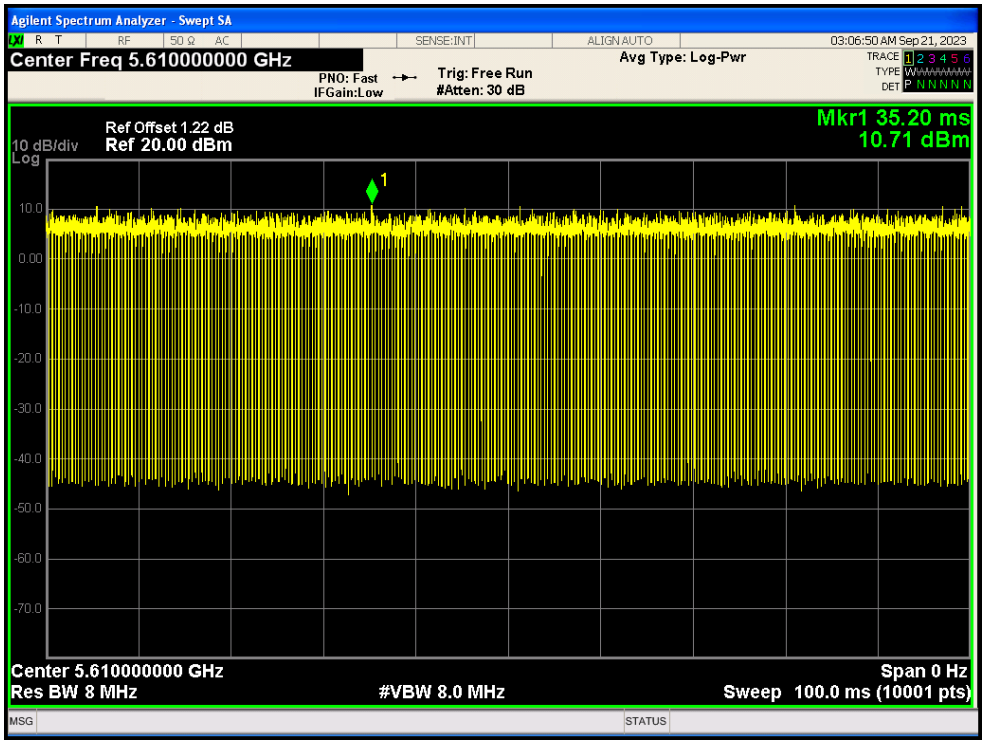
Duty Cycle NVNT ac40 5670MHz Ant2



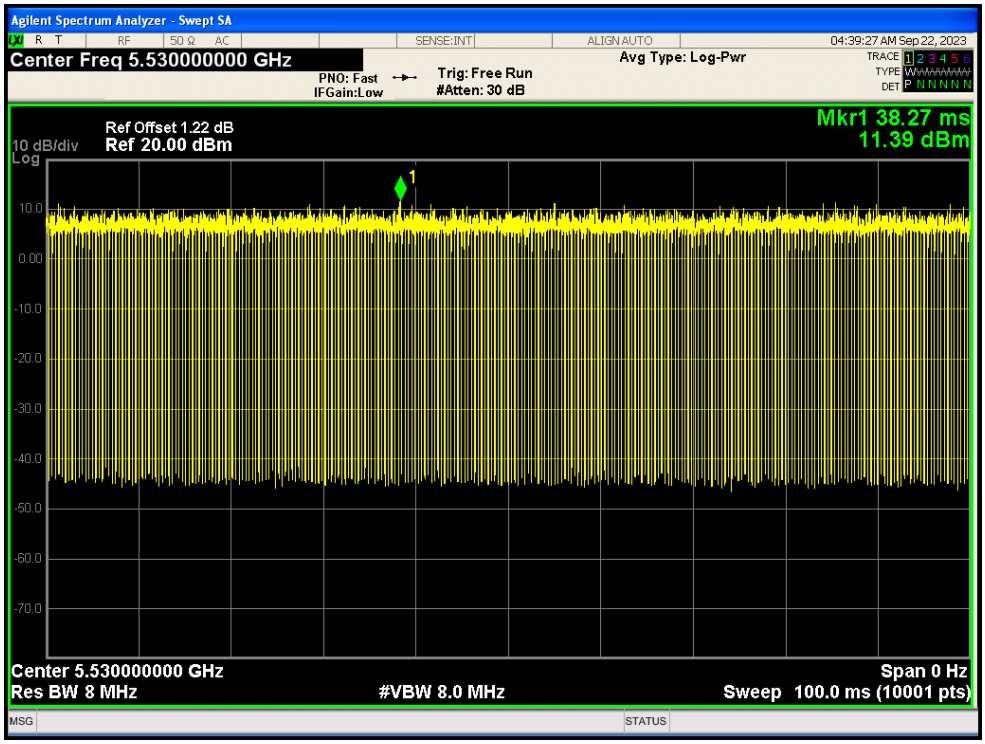
Duty Cycle NVNT ac80 5530MHz Ant1



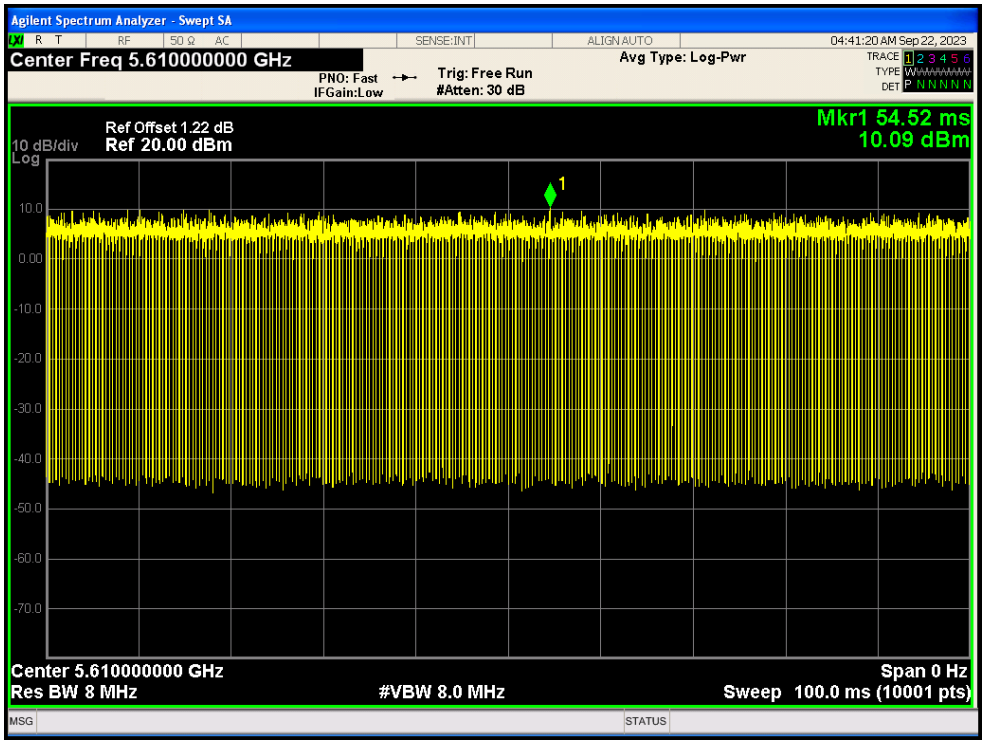
Duty Cycle NVNT ac80 5610MHz Ant1



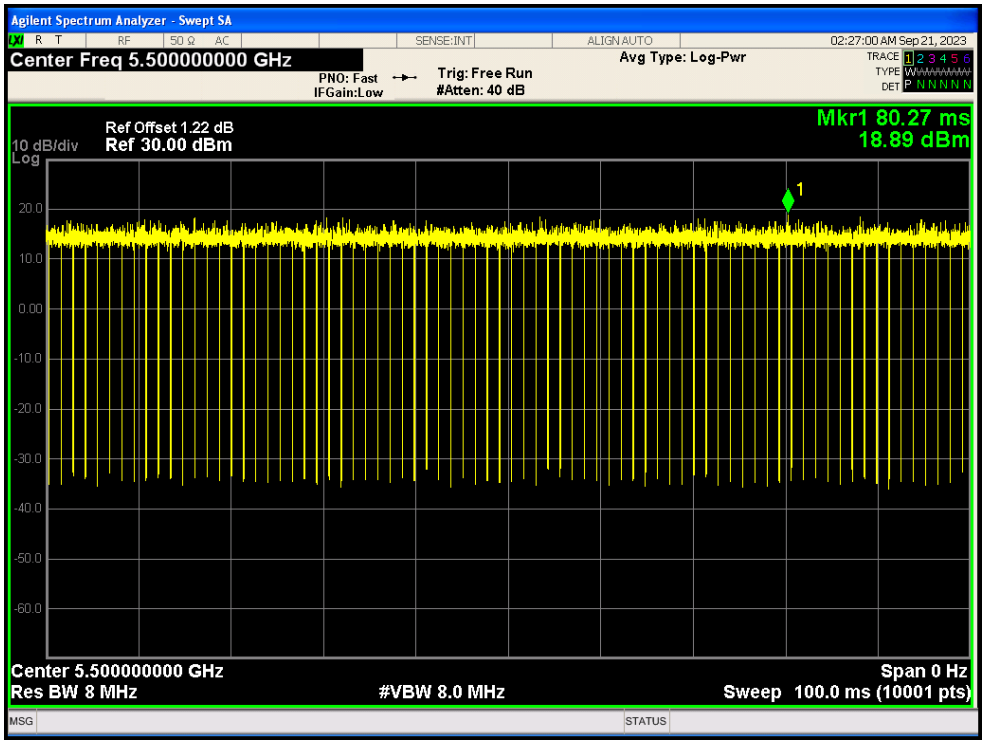
Duty Cycle NVNT ac80 5530MHz Ant2



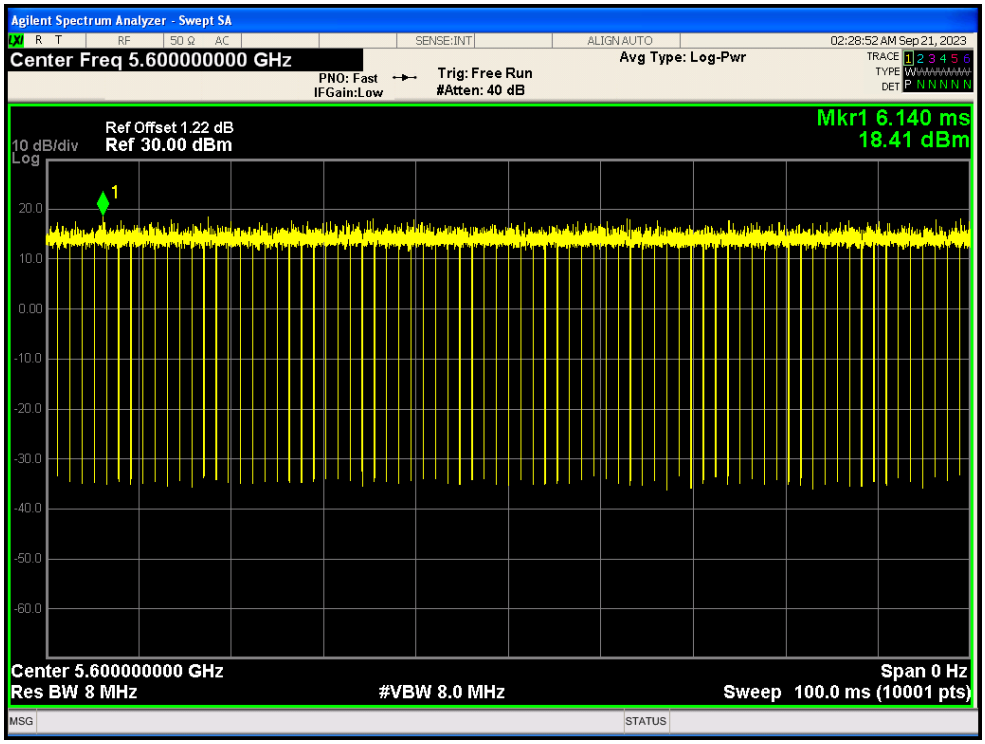
Duty Cycle NVNT ac80 5610MHz Ant2



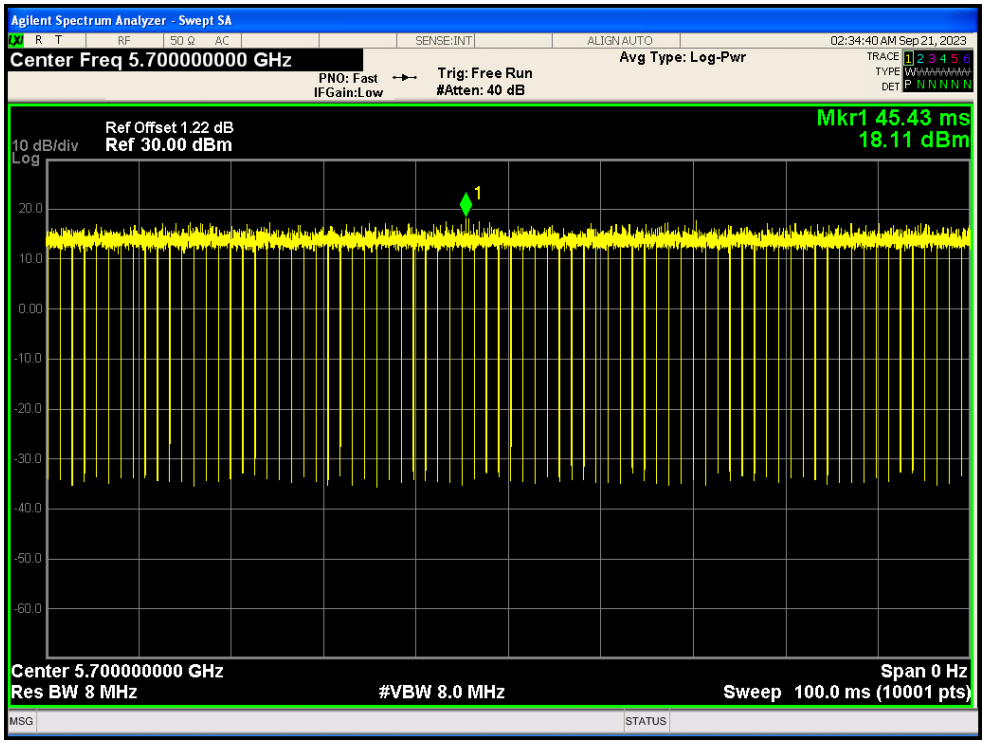
Duty Cycle NVNT n20 5500MHz Ant1



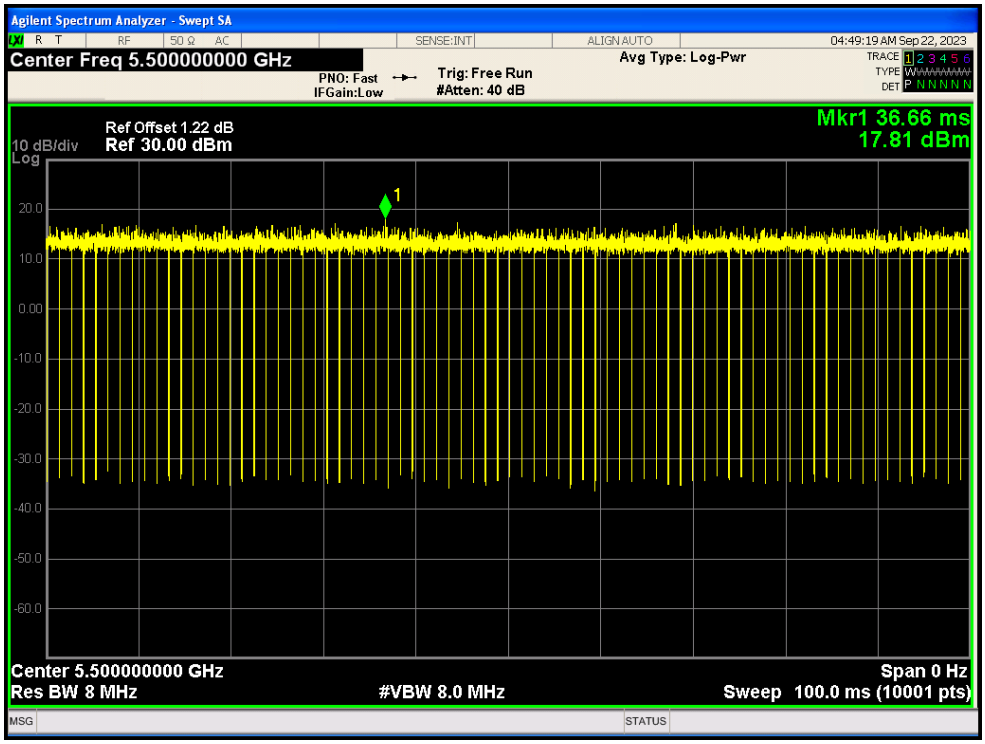
Duty Cycle NVNT n20 5600MHz Ant1



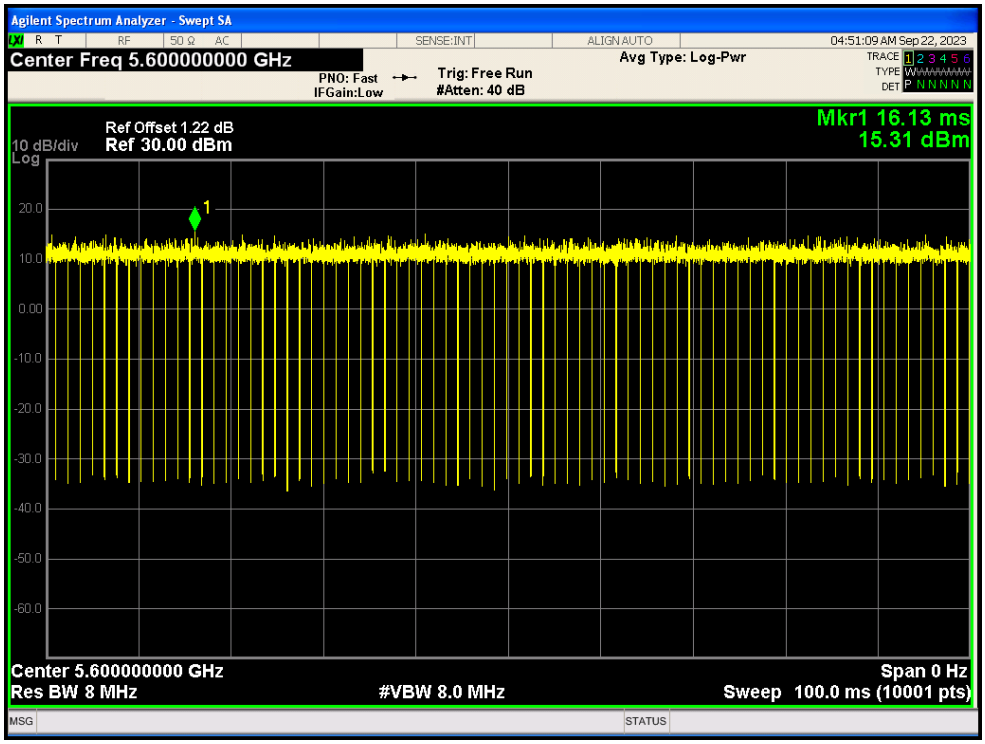
Duty Cycle NVNT n20 5700MHz Ant1



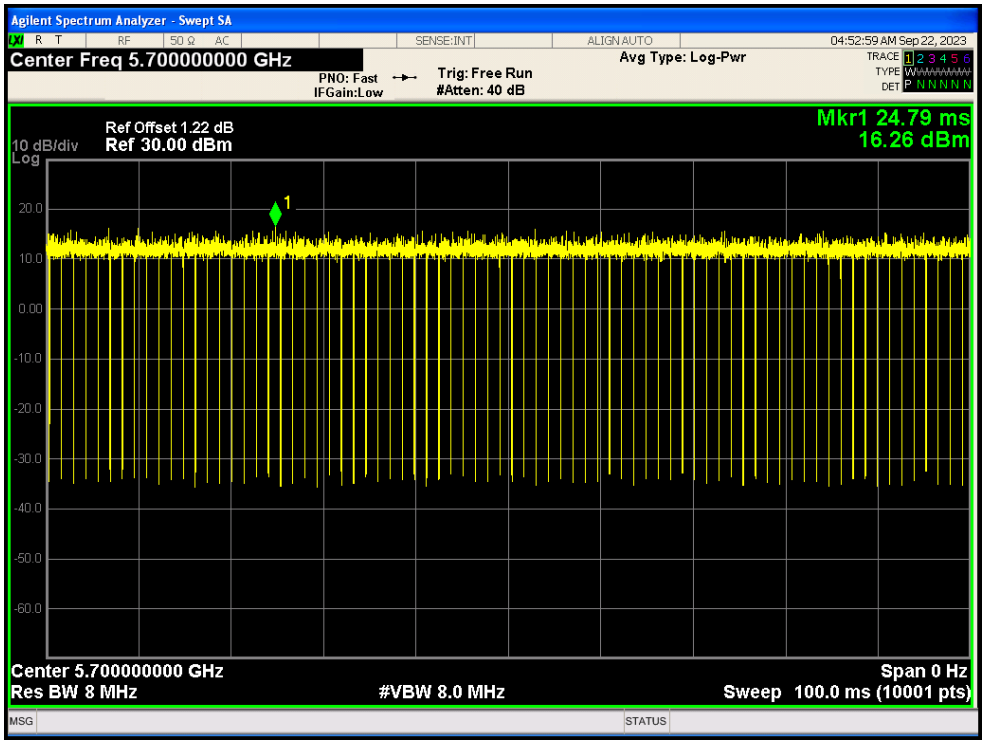
Duty Cycle NVNT n20 5500MHz Ant2



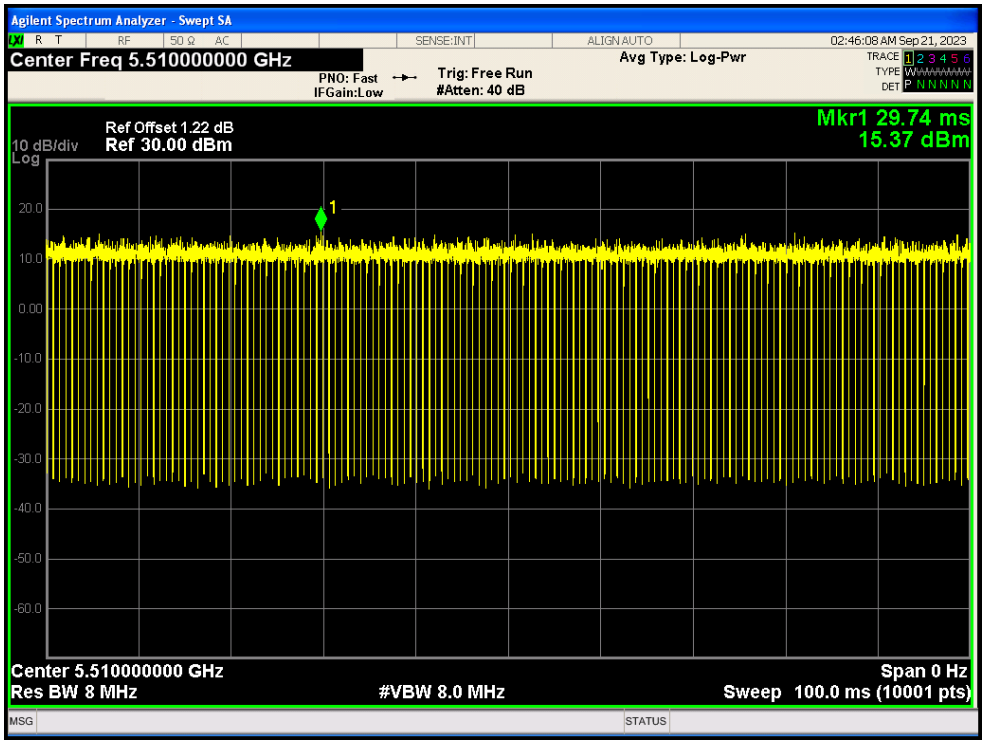
Duty Cycle NVNT n20 5600MHz Ant2



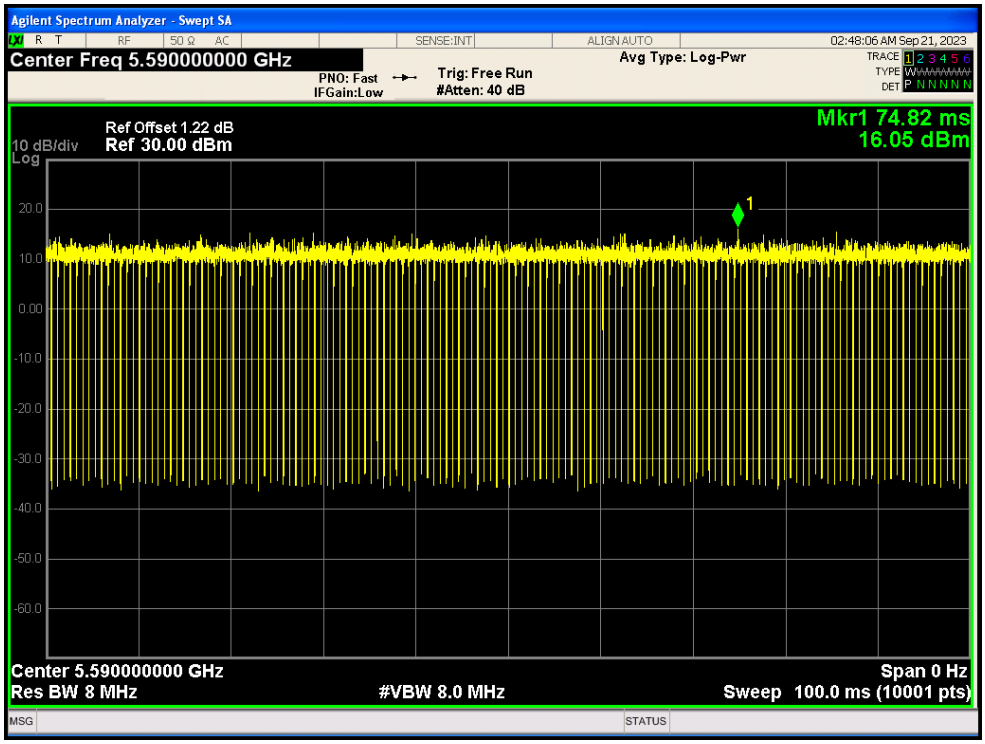
Duty Cycle NVNT n20 5700MHz Ant2



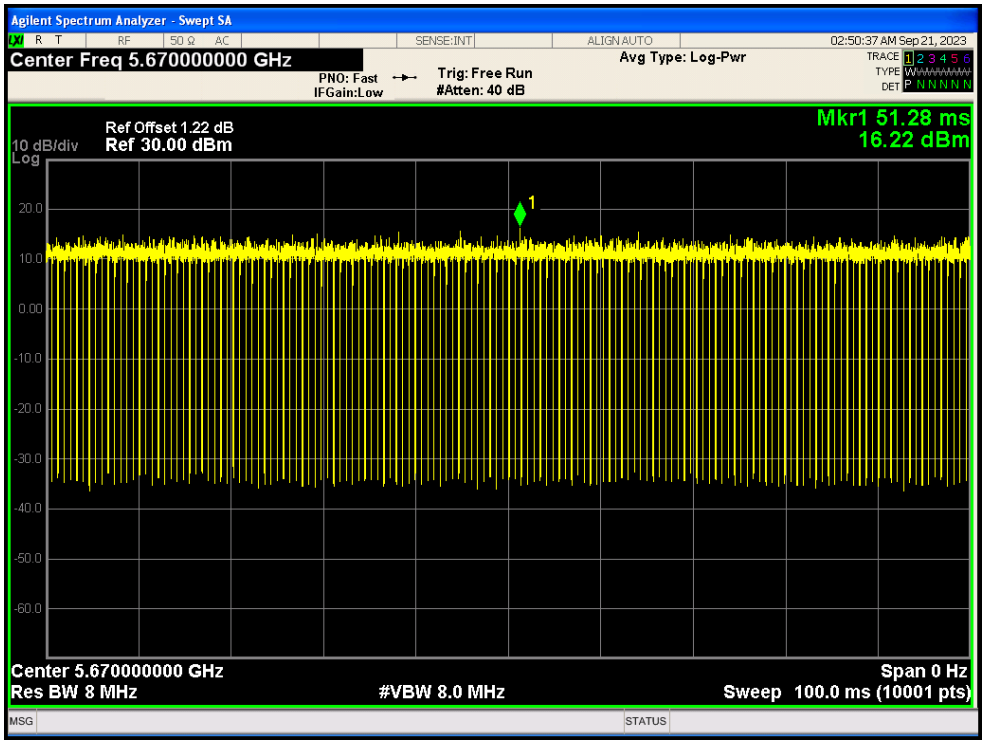
Duty Cycle NVNT n40 5510MHz Ant1



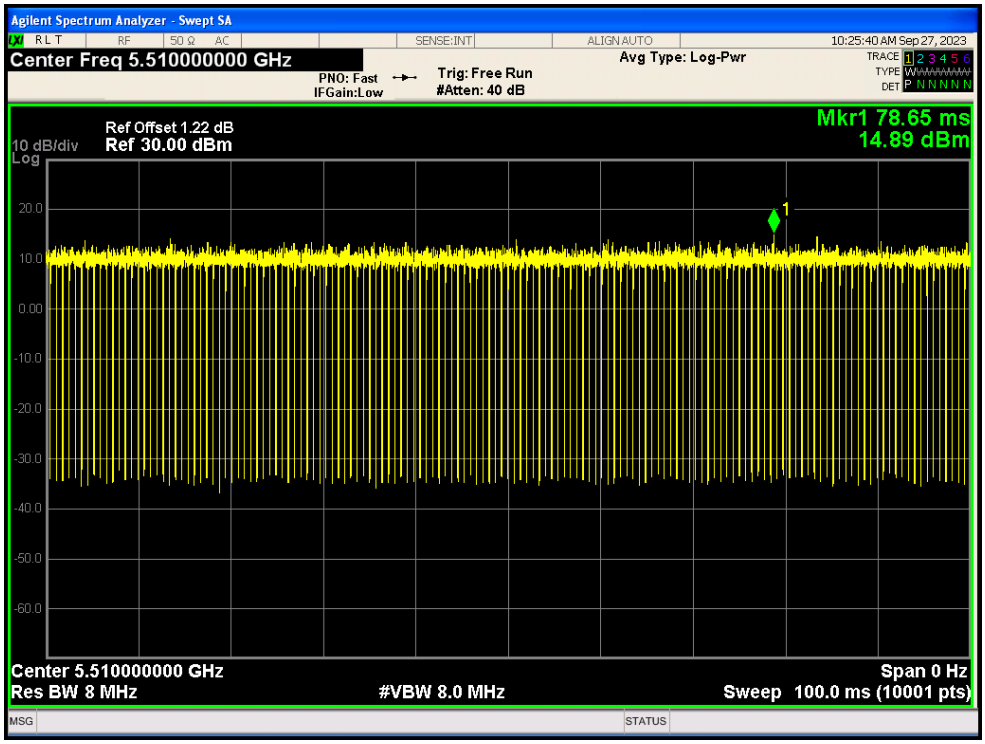
Duty Cycle NVNT n40 5590MHz Ant1



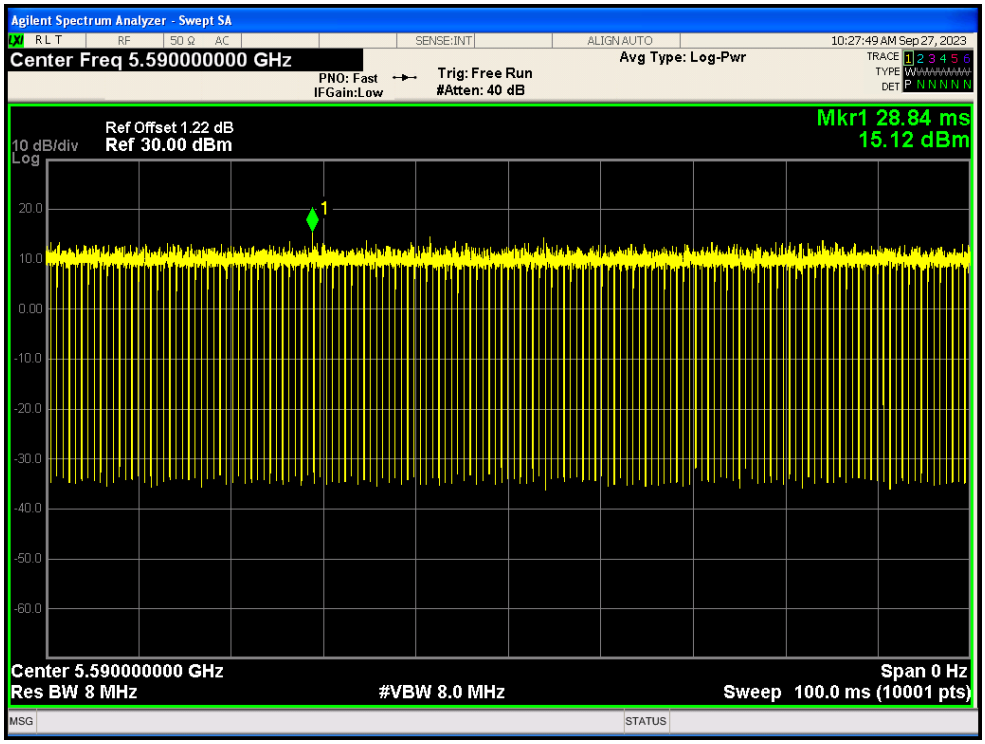
Duty Cycle NVNT n40 5670MHz Ant1



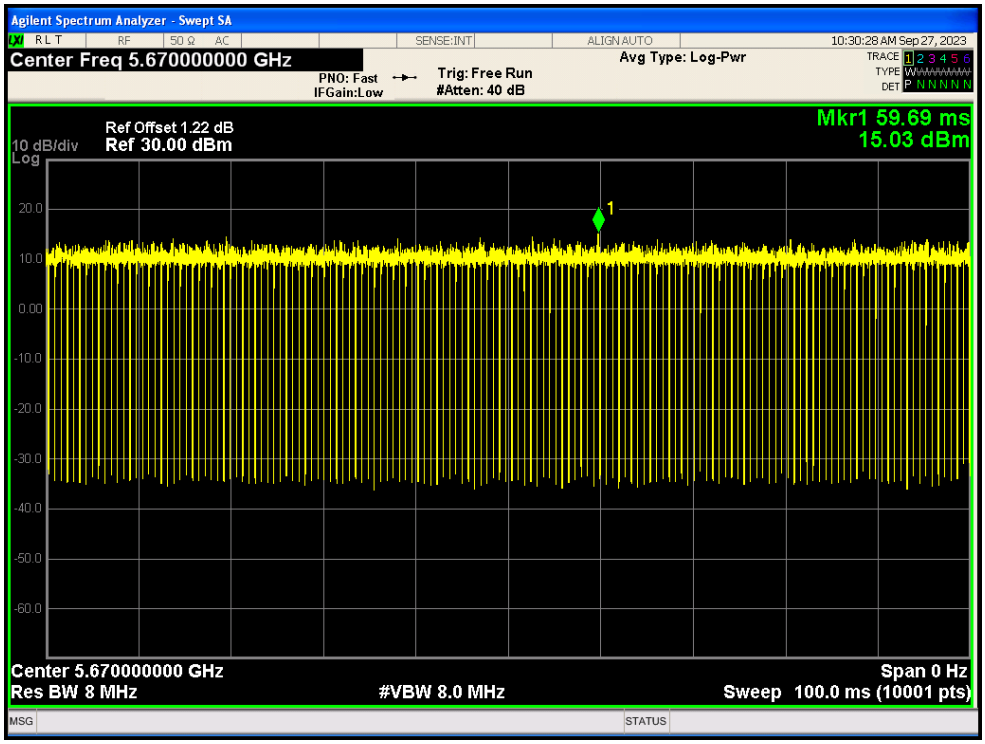
Duty Cycle NVNT n40 5510MHz Ant2



Duty Cycle NVNT n40 5590MHz Ant2



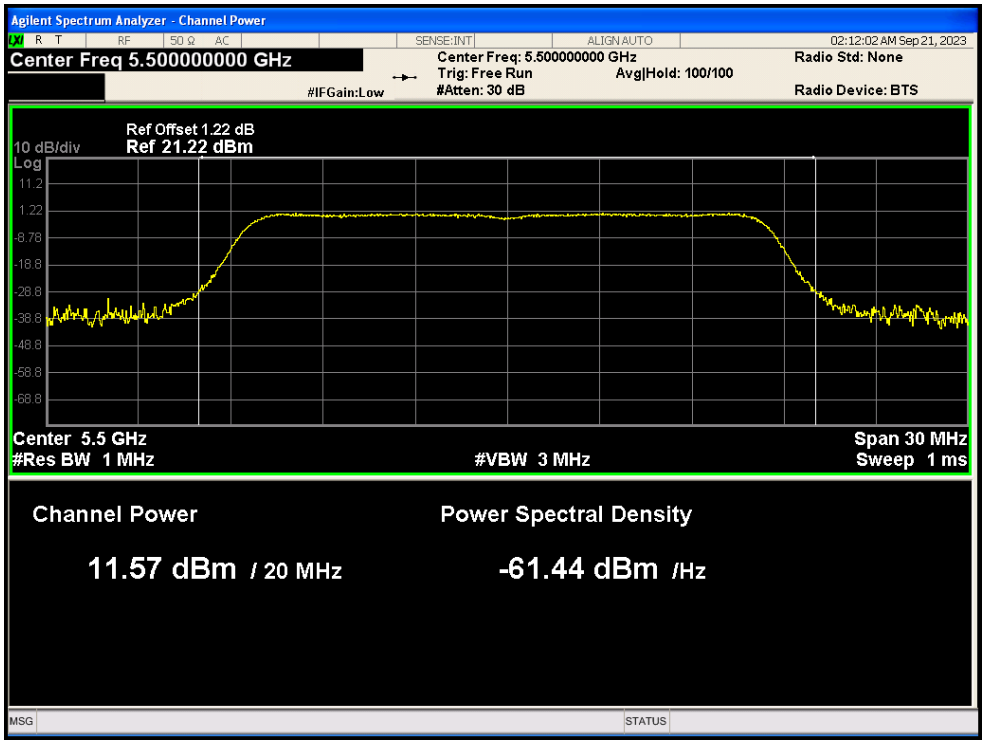
Duty Cycle NVNT n40 5670MHz Ant2



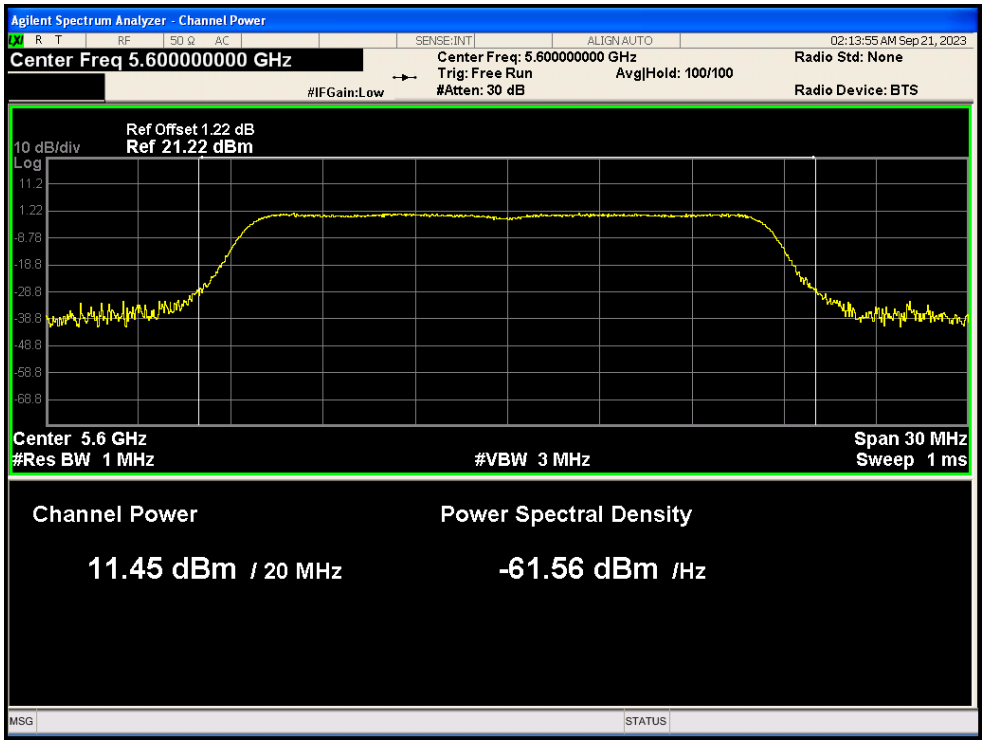
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	11.567	24	Pass
NVNT	a	5600	Ant1	11.447	24	Pass
NVNT	a	5700	Ant1	10.891	24	Pass
NVNT	a	5500	Ant2	10.066	24	Pass
NVNT	a	5600	Ant2	7.805	24	Pass
NVNT	a	5700	Ant2	8.467	24	Pass
NVNT	ac20	5500	Ant1	10.917	24	Pass
NVNT	ac20	5600	Ant1	10.814	24	Pass
NVNT	ac20	5700	Ant1	10.264	24	Pass
NVNT	ac20	5500	Ant2	10.802	24	Pass
NVNT	ac20	5600	Ant2	10.383	24	Pass
NVNT	ac20	5700	Ant2	10.259	24	Pass
NVNT	ac40	5510	Ant1	11.204	24	Pass
NVNT	ac40	5590	Ant1	10.996	24	Pass
NVNT	ac40	5670	Ant1	10.615	24	Pass
NVNT	ac40	5510	Ant2	10.332	24	Pass
NVNT	ac40	5590	Ant2	10.127	24	Pass
NVNT	ac40	5670	Ant2	10.336	24	Pass
NVNT	ac80	5530	Ant1	10.797	24	Pass
NVNT	ac80	5610	Ant1	9.475	24	Pass
NVNT	ac80	5530	Ant2	10.058	24	Pass
NVNT	ac80	5610	Ant2	8.801	24	Pass
NVNT	n20	5500	Ant1	11.051	24	Pass
NVNT	n20	5600	Ant1	10.798	24	Pass
NVNT	n20	5700	Ant1	10.304	24	Pass
NVNT	n20	5500	Ant2	10.046	24	Pass
NVNT	n20	5600	Ant2	7.761	24	Pass
NVNT	n20	5700	Ant2	8.46	24	Pass
NVNT	n40	5510	Ant1	11.155	24	Pass
NVNT	n40	5590	Ant1	11.02	24	Pass
NVNT	n40	5670	Ant1	10.575	24	Pass
NVNT	n40	5510	Ant2	10.332	24	Pass
NVNT	n40	5590	Ant2	10.189	24	Pass
NVNT	n40	5670	Ant2	10.479	24	Pass

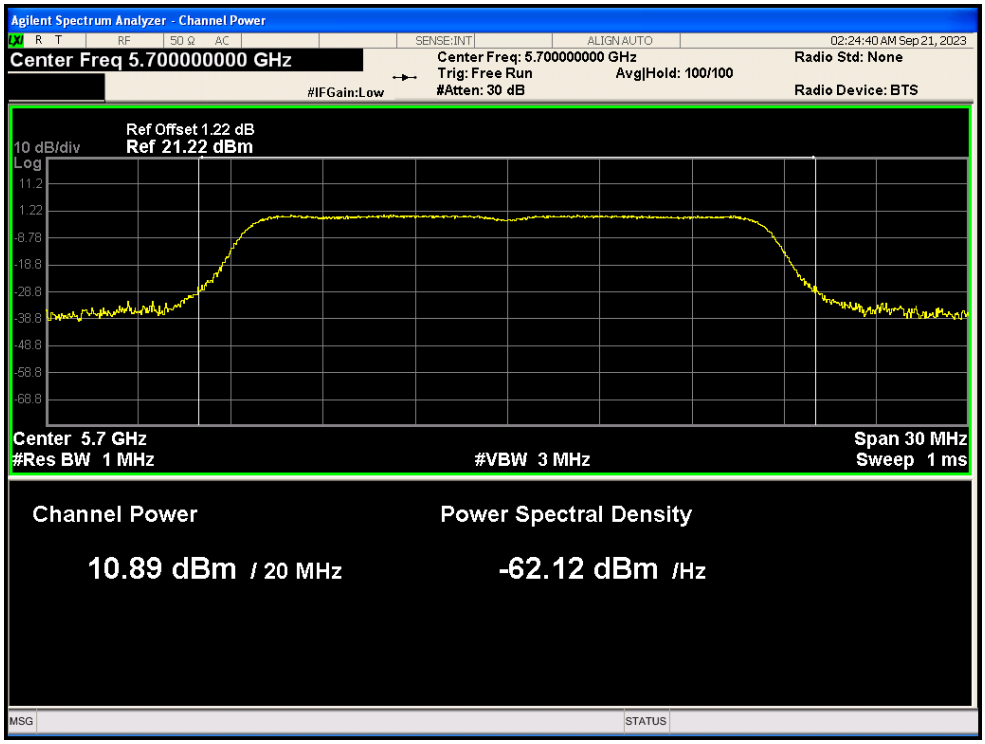
Power NVNT a 5500MHz Ant1



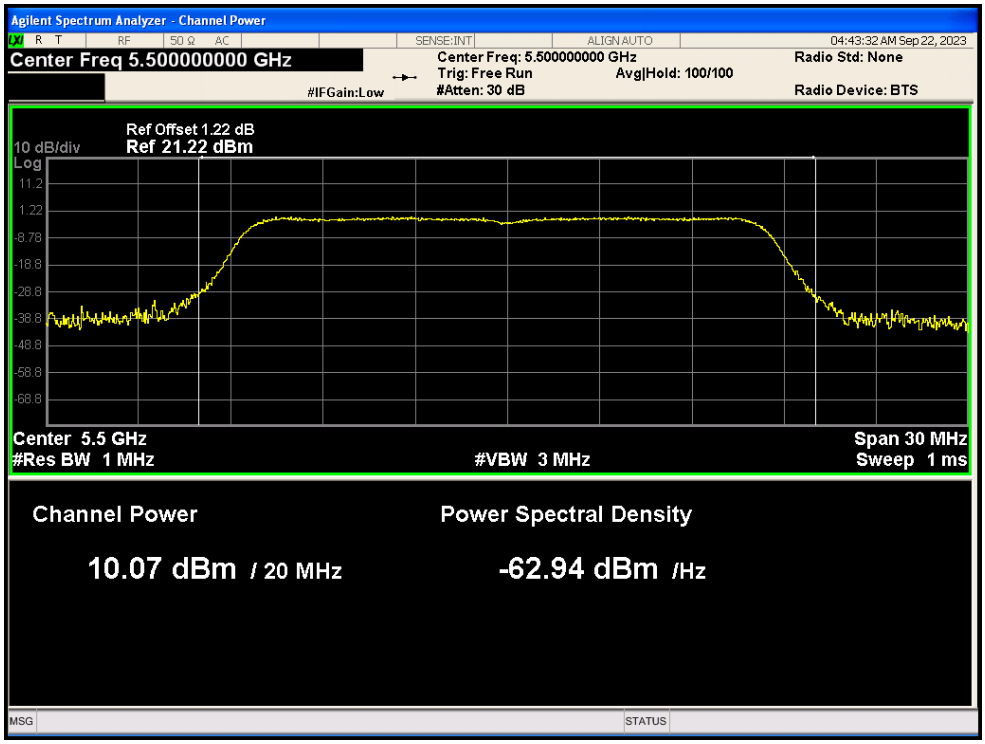
Power NVNT a 5600MHz Ant1



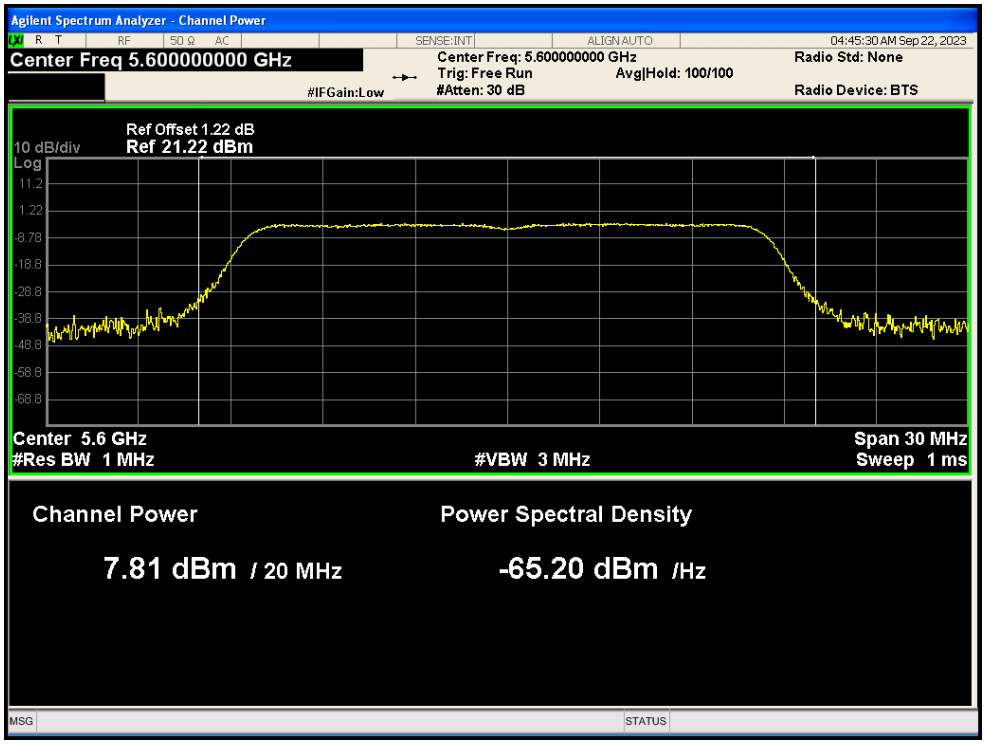
Power NVNT a 5700MHz Ant1



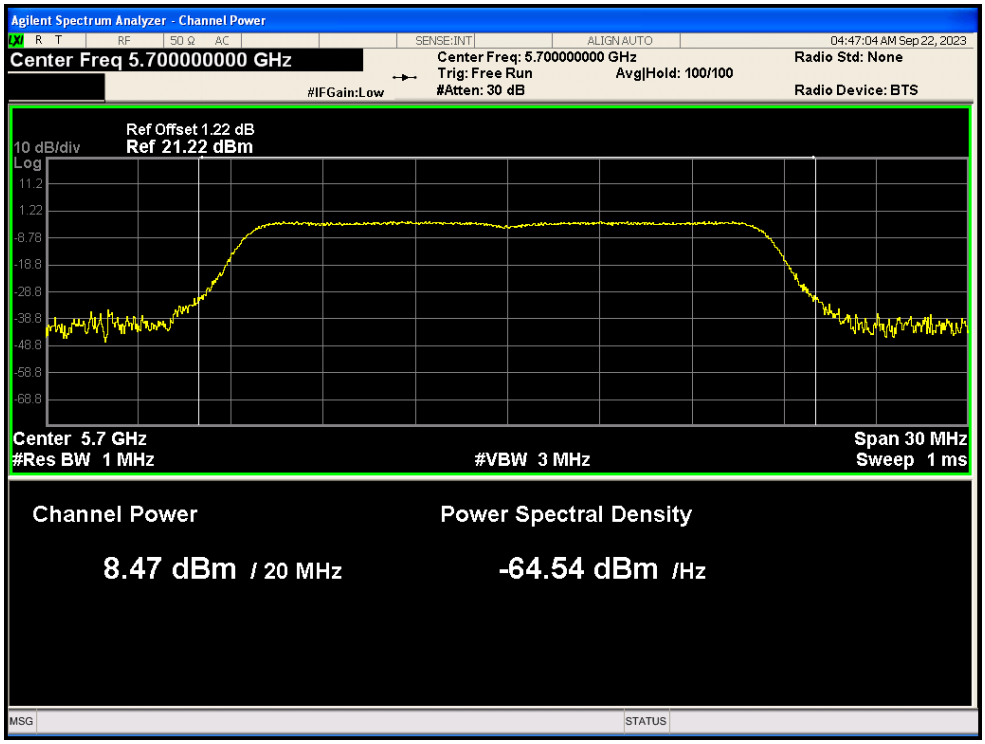
Power NVNT a 5500MHz Ant2



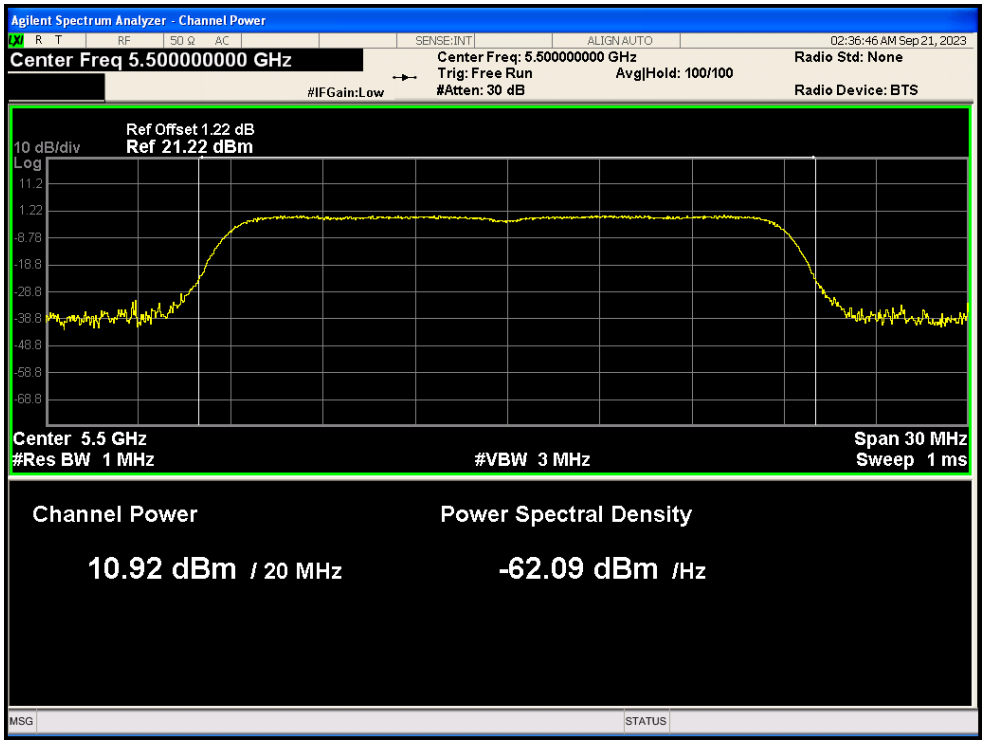
Power NVNT a 5600MHz Ant2



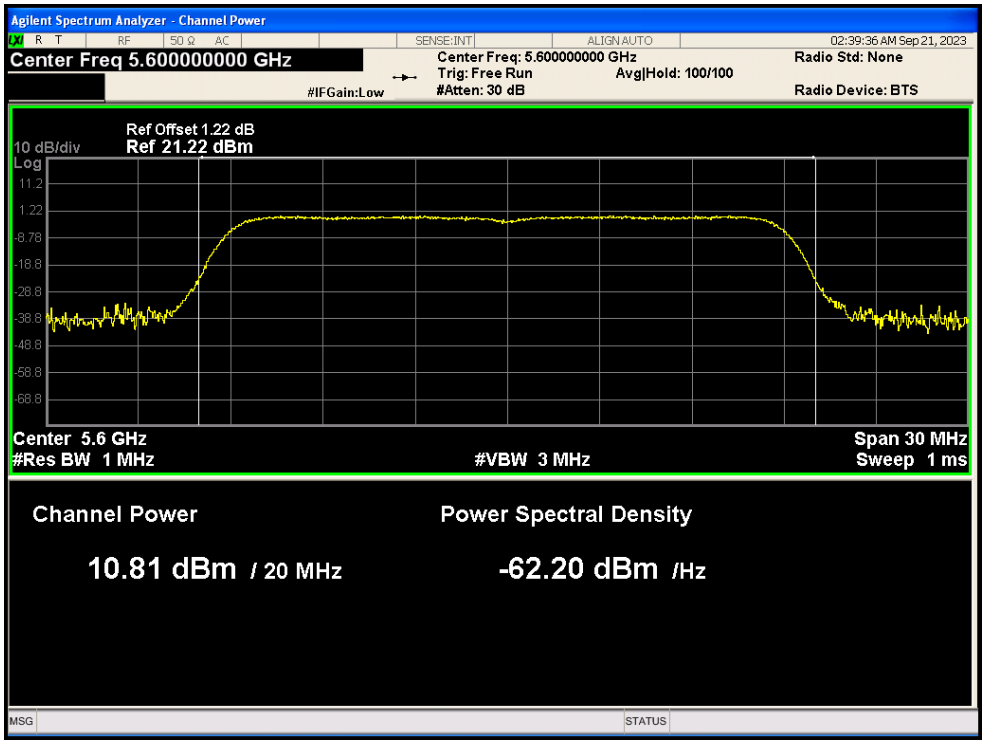
Power NVNT a 5700MHz Ant2



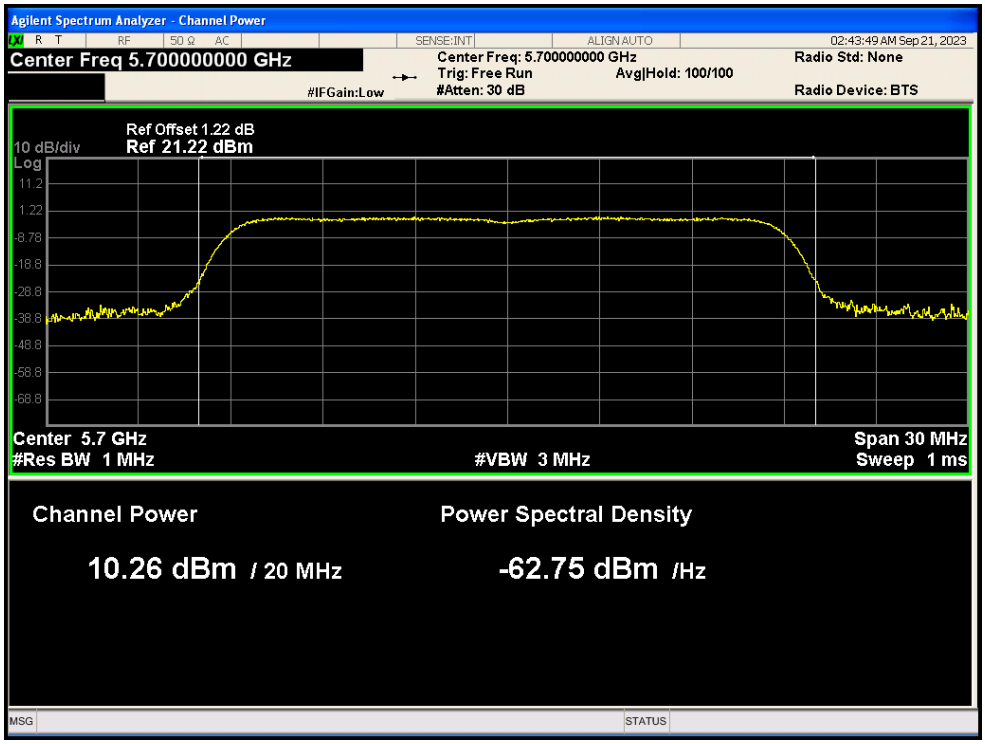
Power NVNT ac20 5500MHz Ant1



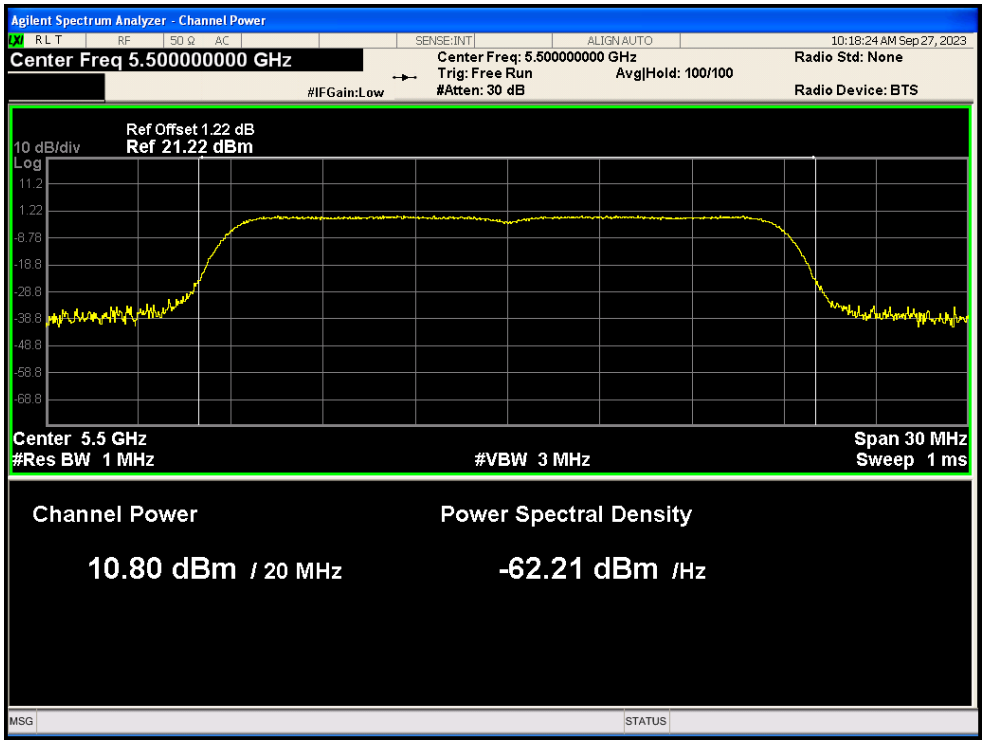
Power NVNT ac20 5600MHz Ant1



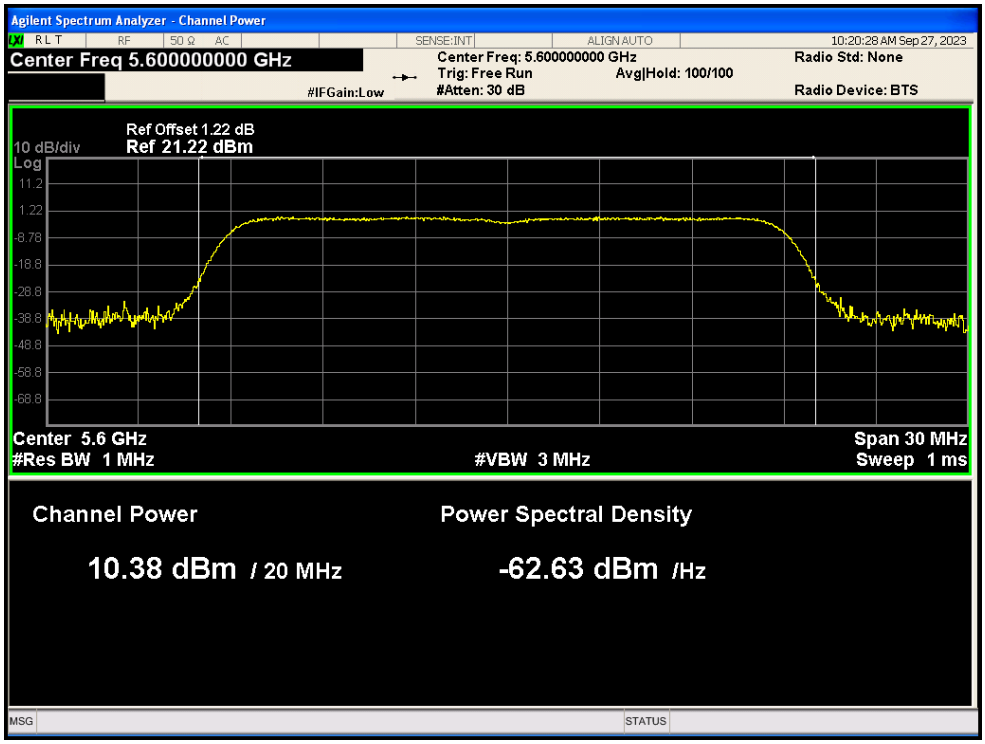
Power NVNT ac20 5700MHz Ant1



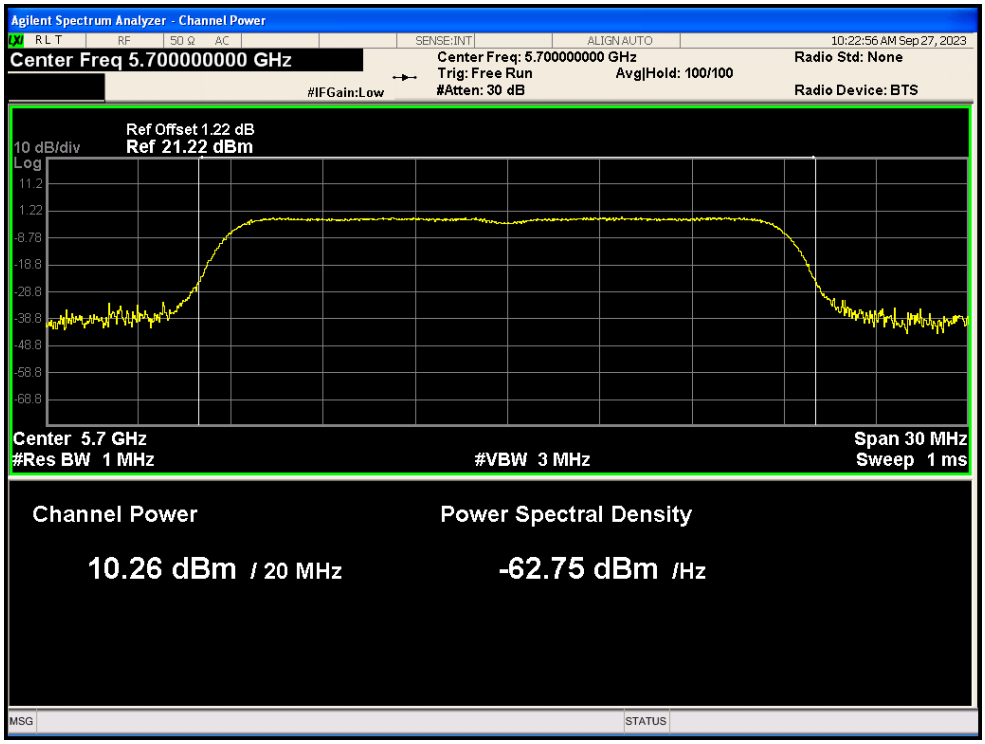
Power NVNT ac20 5500MHz Ant2



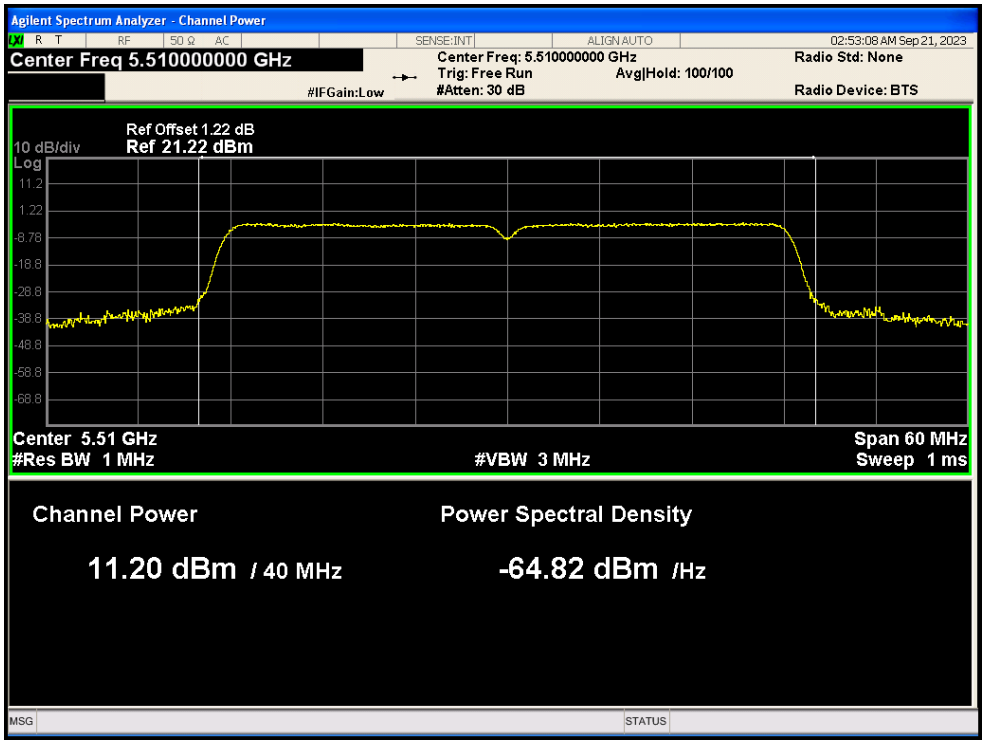
Power NVNT ac20 5600MHz Ant2



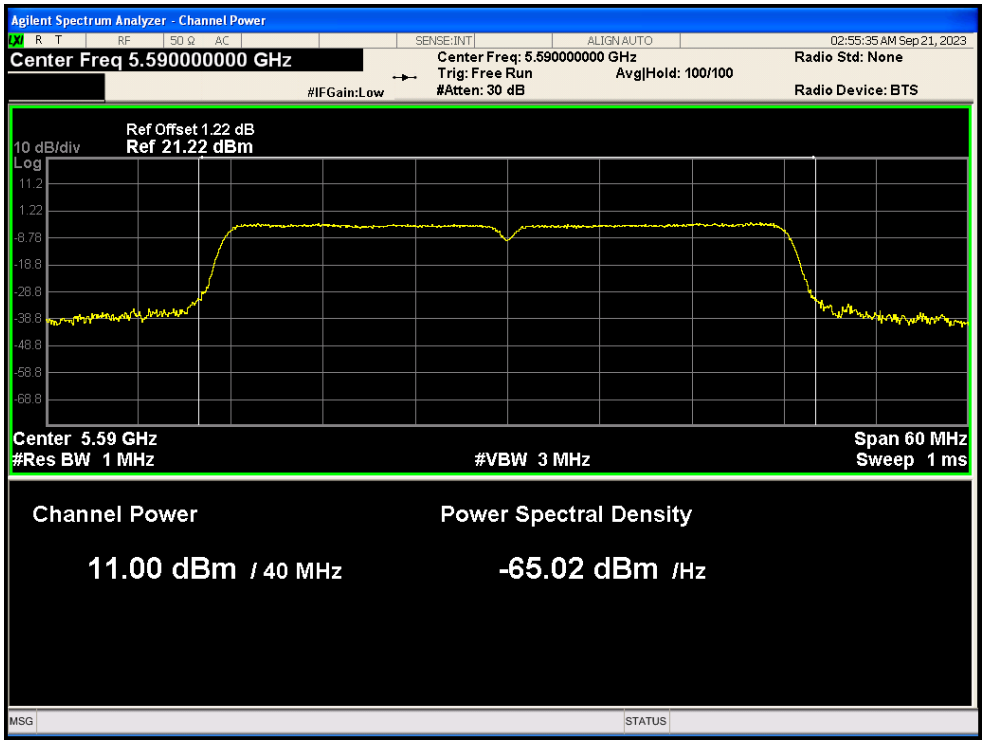
Power NVNT ac20 5700MHz Ant2



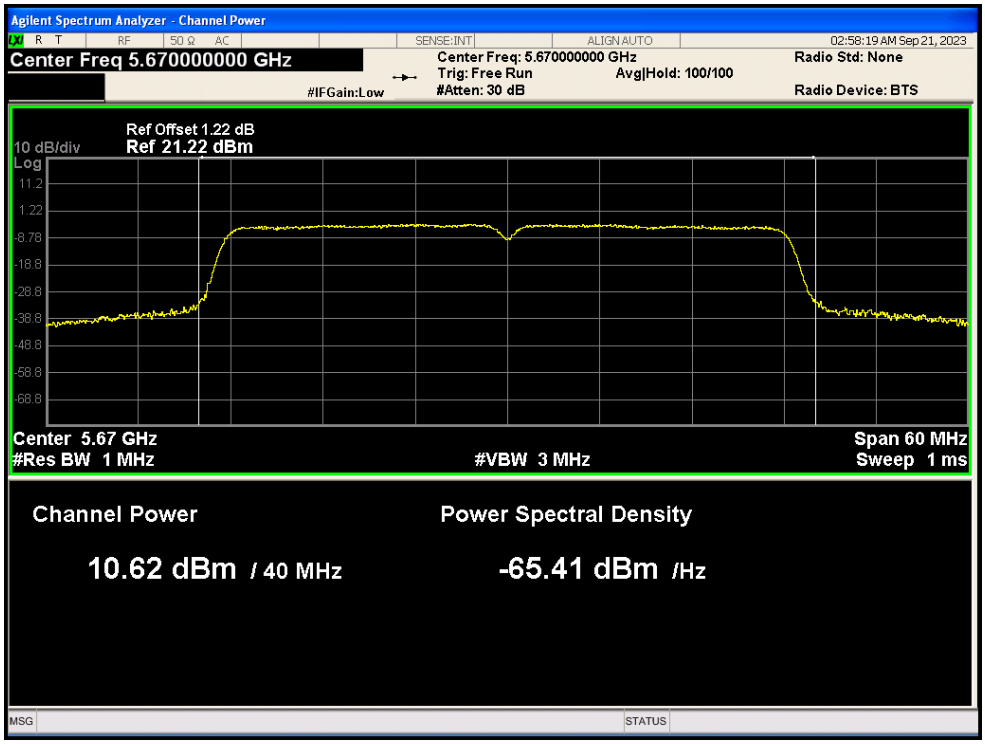
Power NVNT ac40 5510MHz Ant1



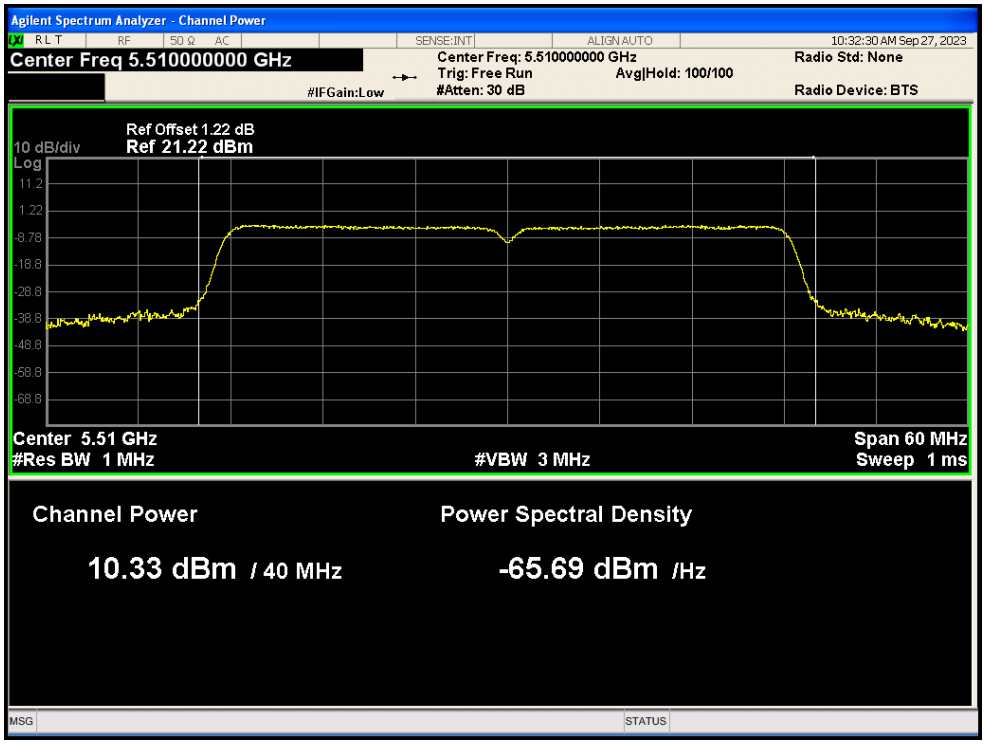
Power NVNT ac40 5590MHz Ant1



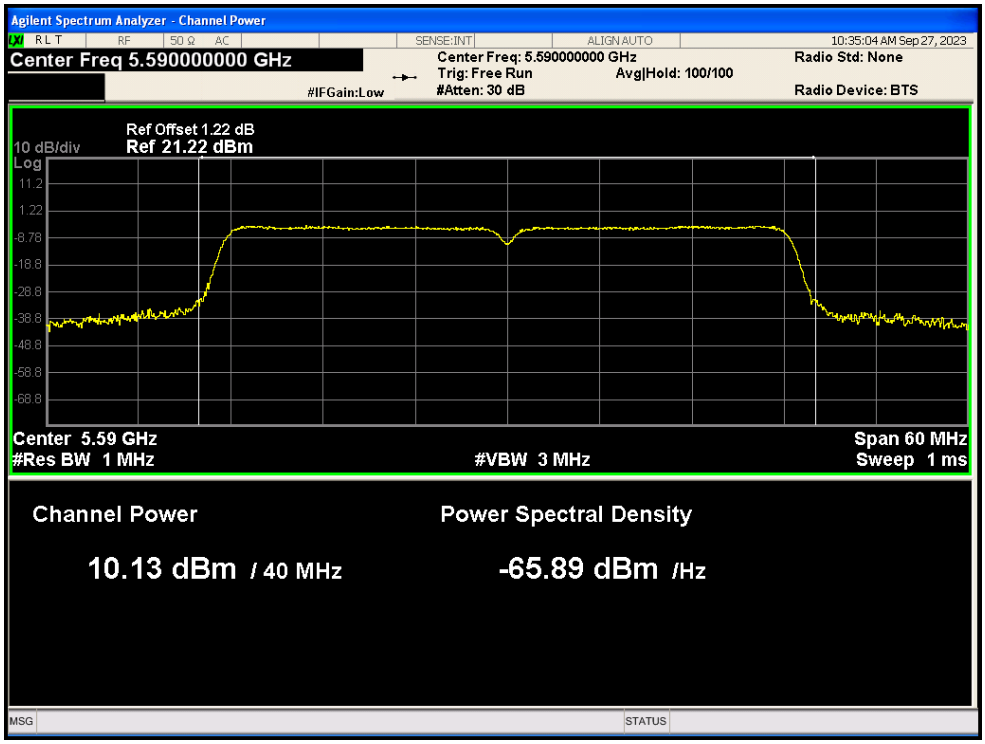
Power NVNT ac40 5670MHz Ant1



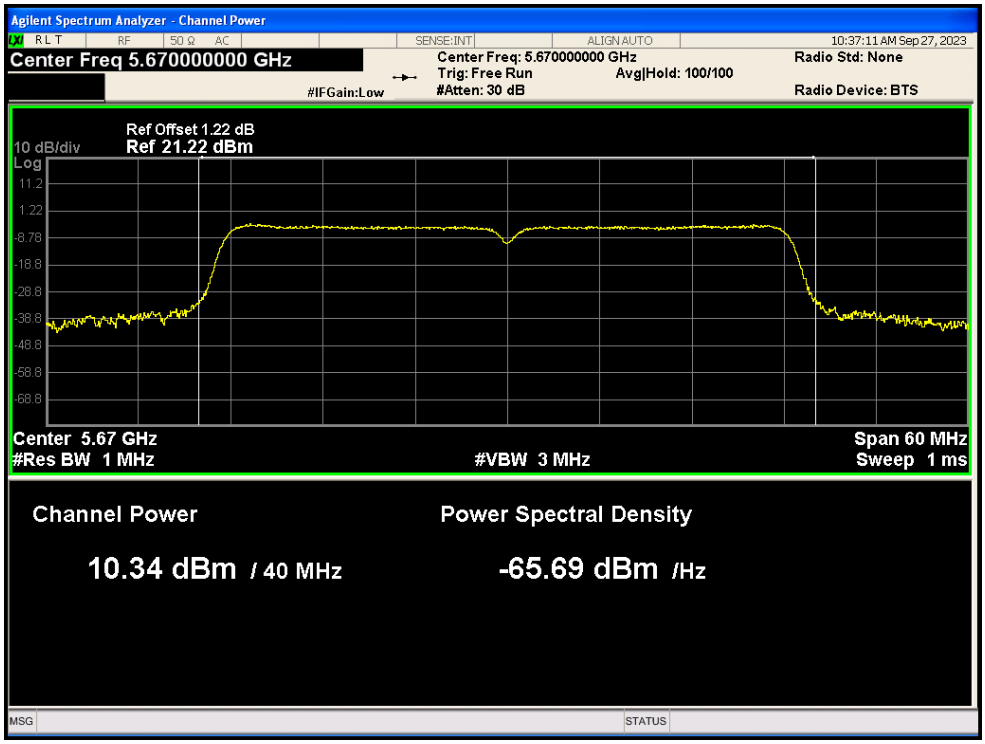
Power NVNT ac40 5510MHz Ant2



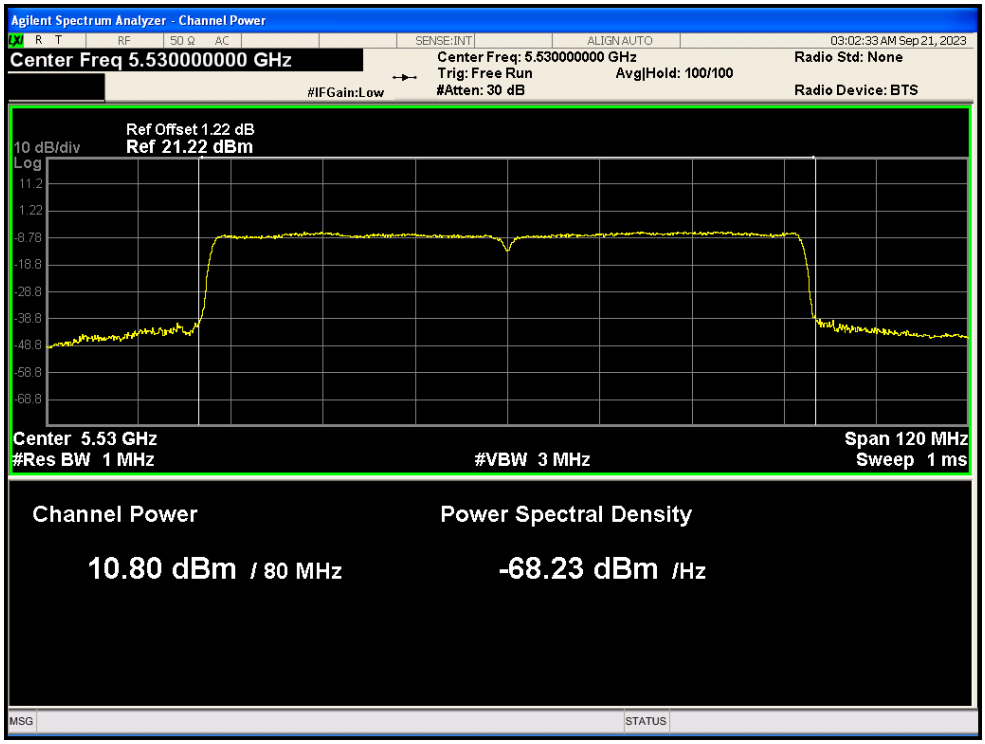
Power NVNT ac40 5590MHz Ant2



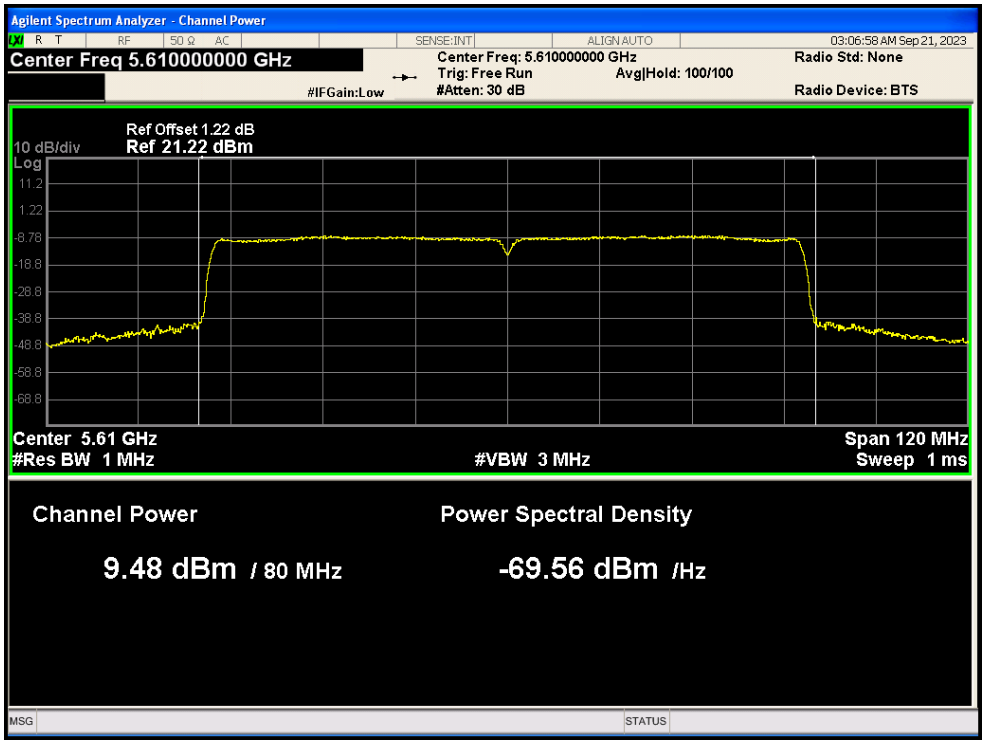
Power NVNT ac40 5670MHz Ant2



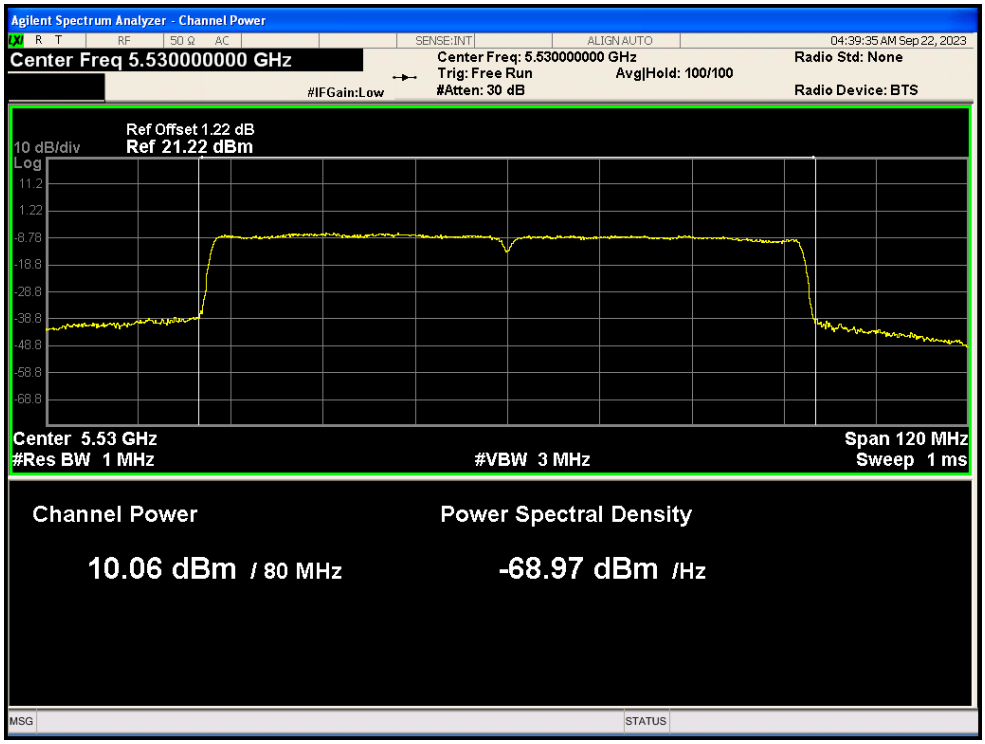
Power NVNT ac80 5530MHz Ant1



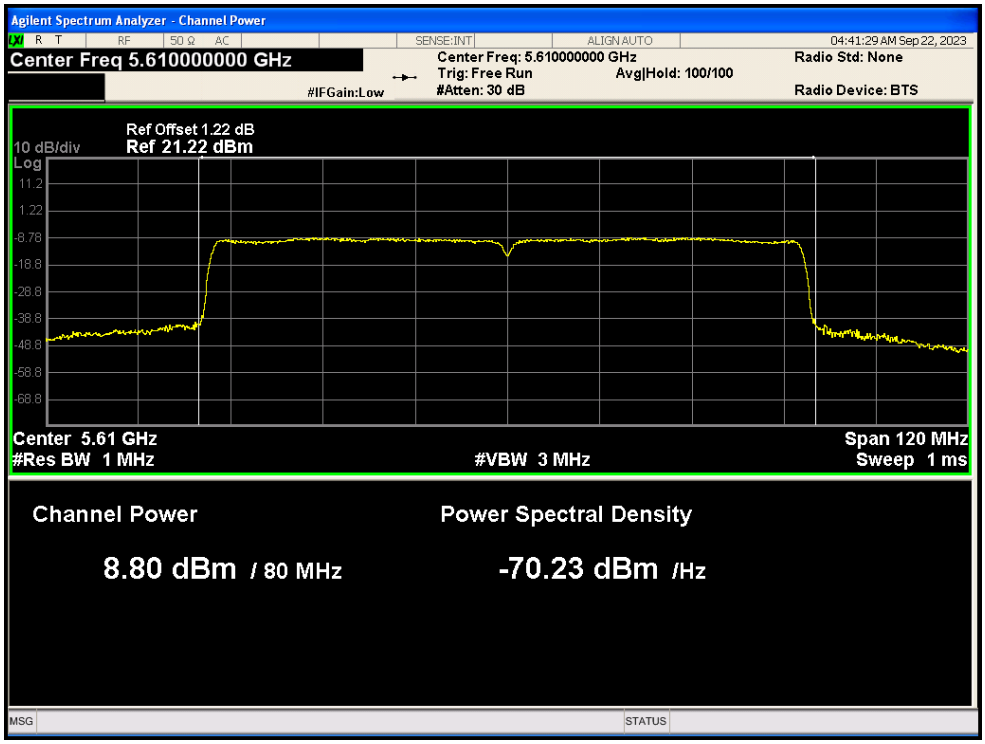
Power NVNT ac80 5610MHz Ant1



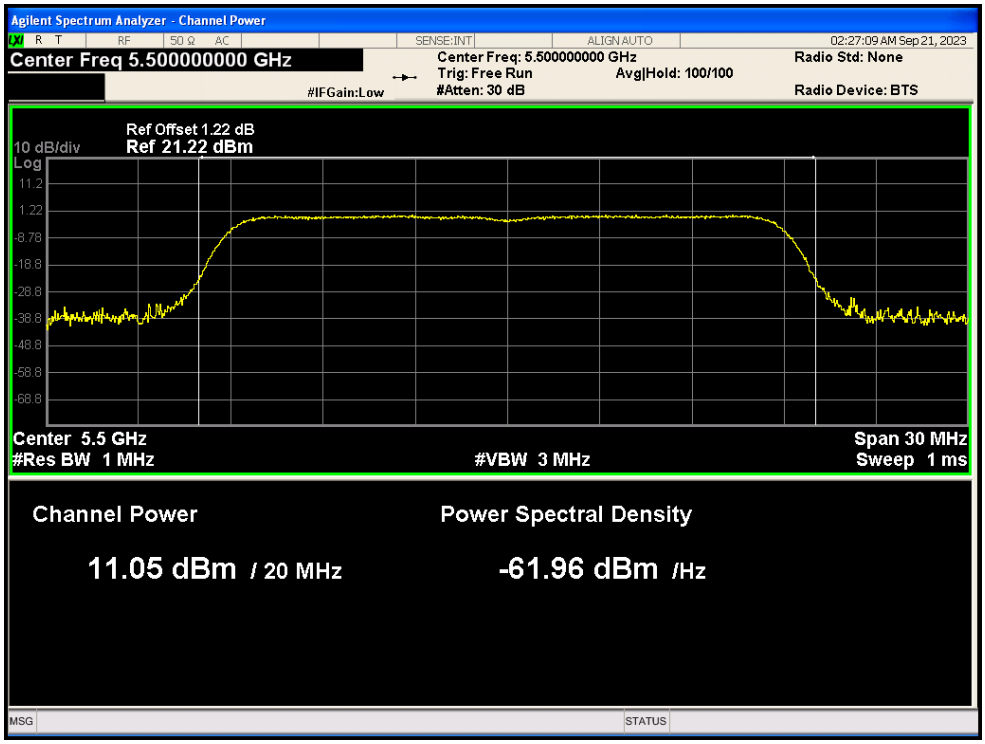
Power NVNT ac80 5530MHz Ant2



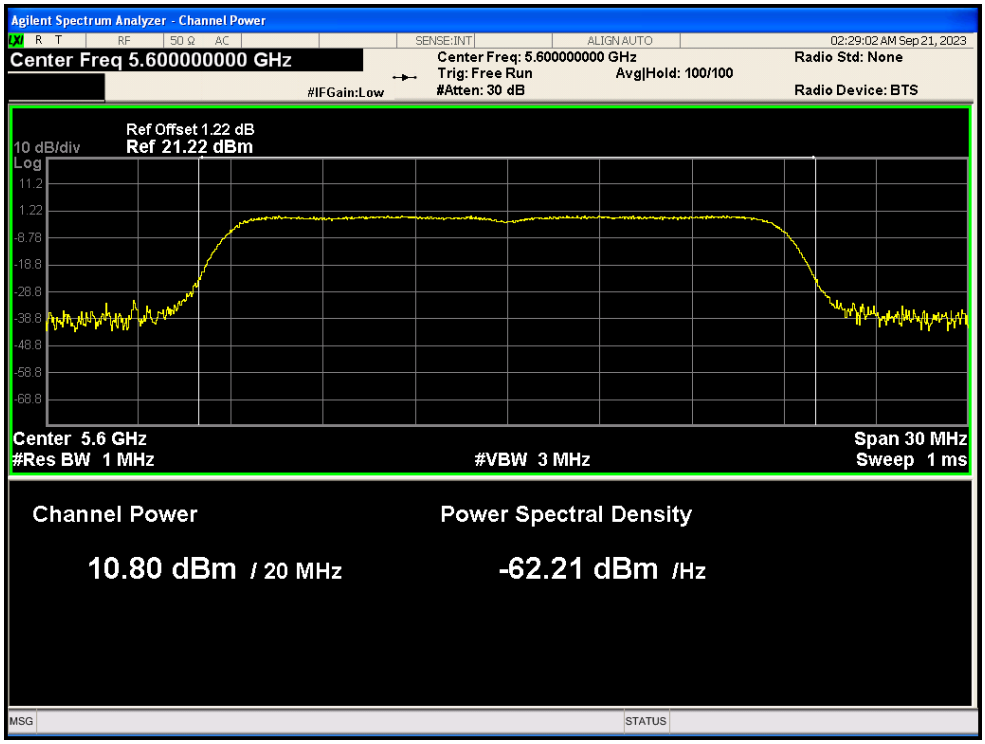
Power NVNT ac80 5610MHz Ant2



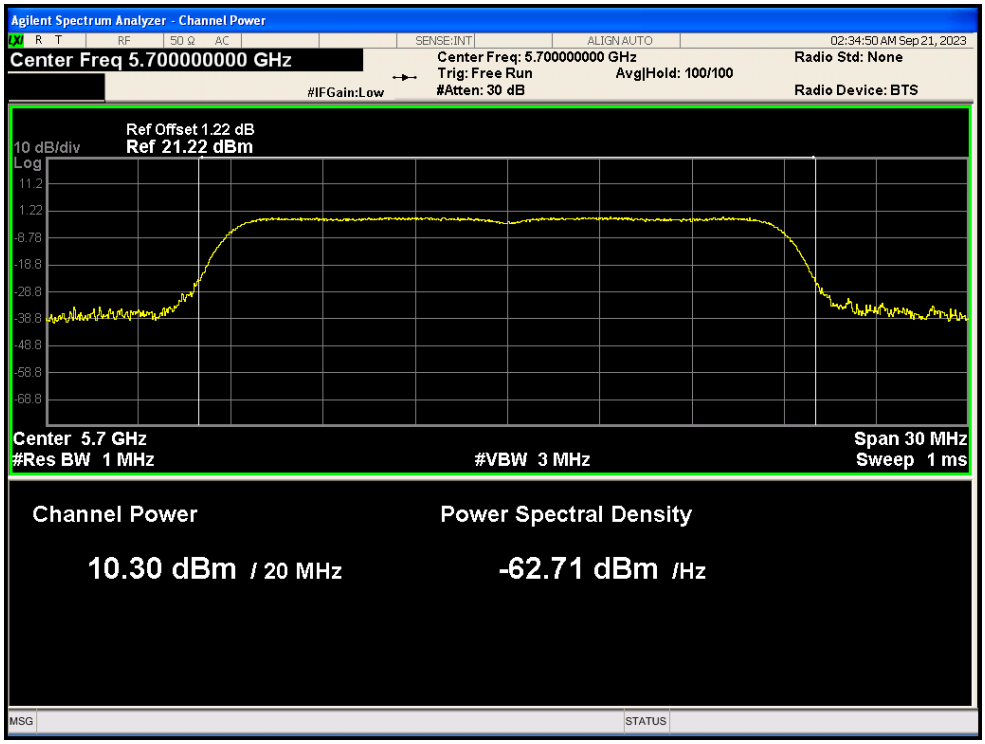
Power NVNT n20 5500MHz Ant1



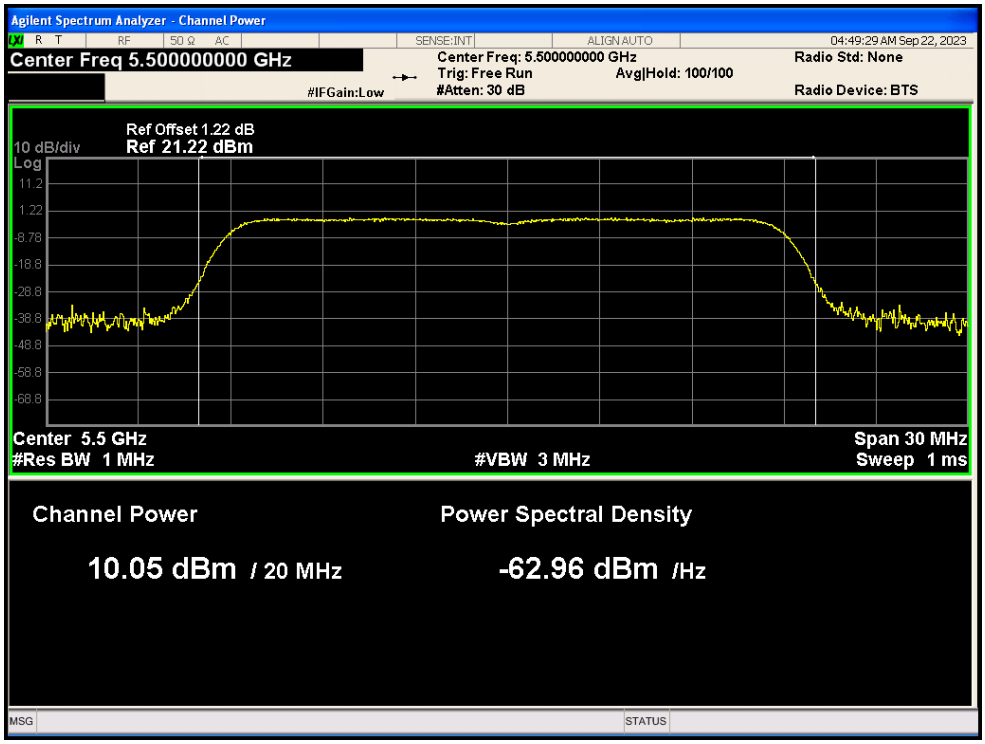
Power NVNT n20 5600MHz Ant1



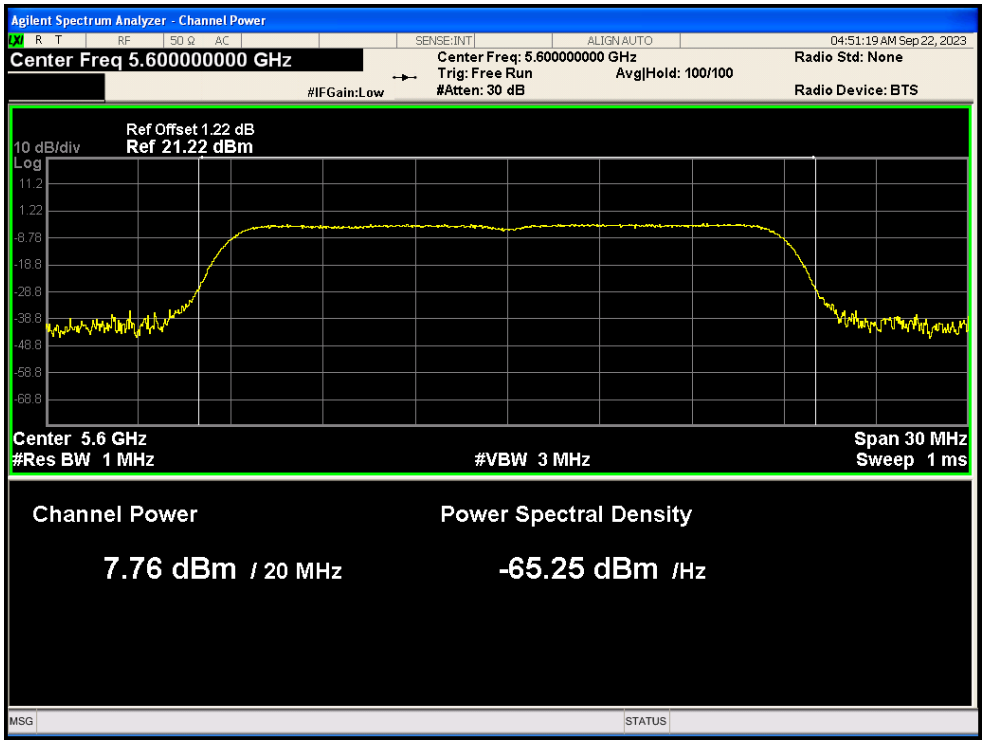
Power NVNT n20 5700MHz Ant1



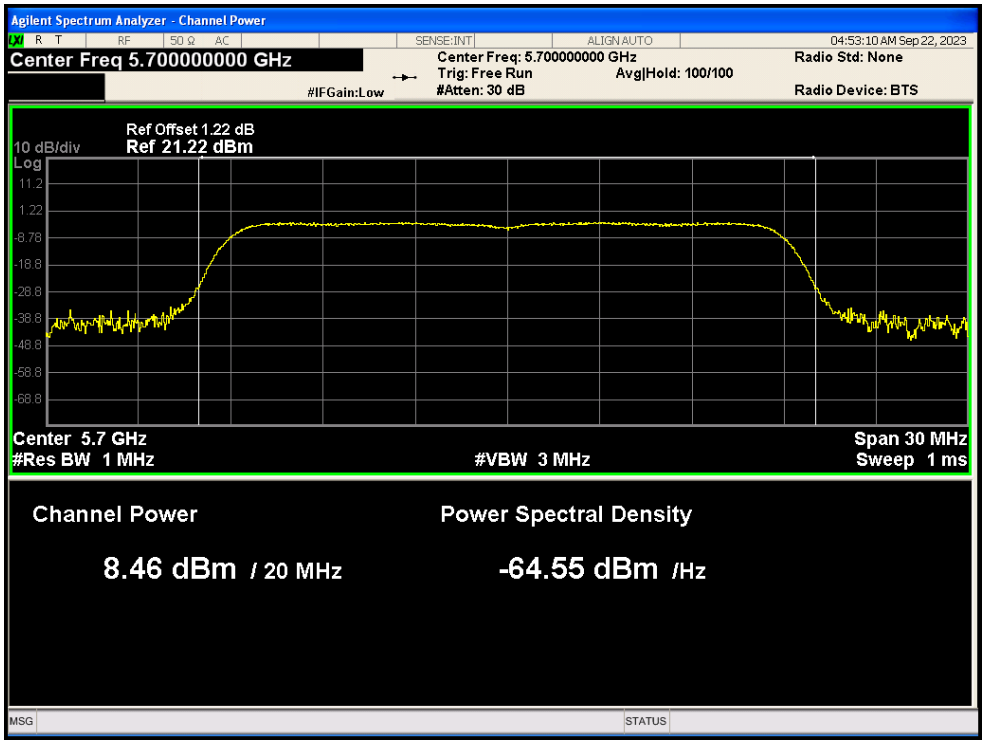
Power NVNT n20 5500MHz Ant2



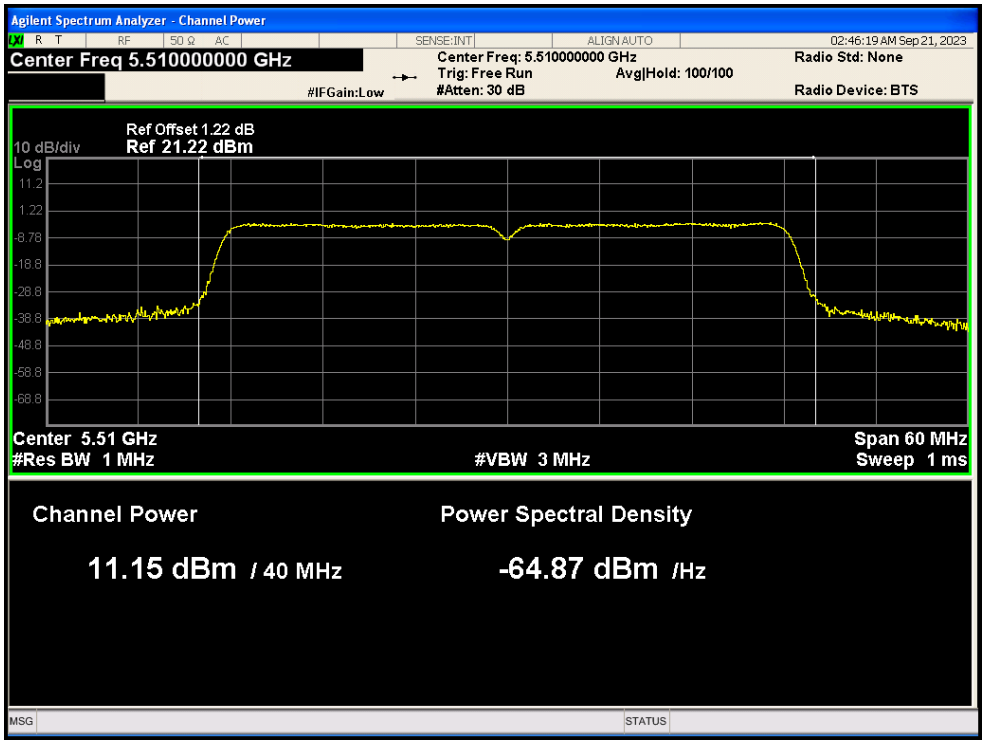
Power NVNT n20 5600MHz Ant2



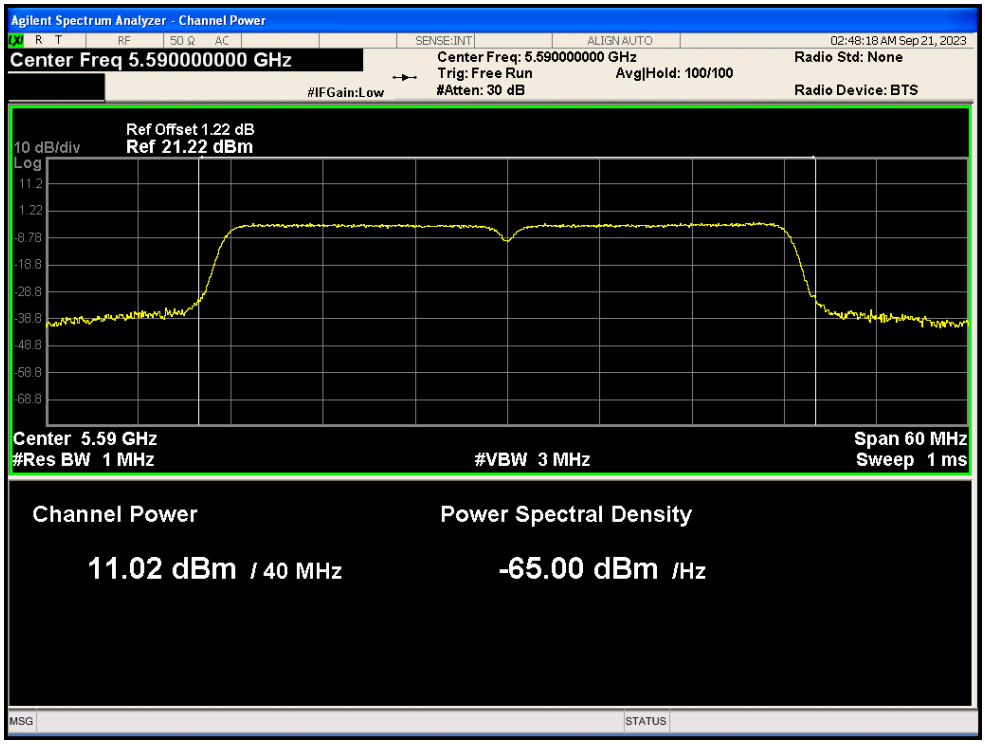
Power NVNT n20 5700MHz Ant2



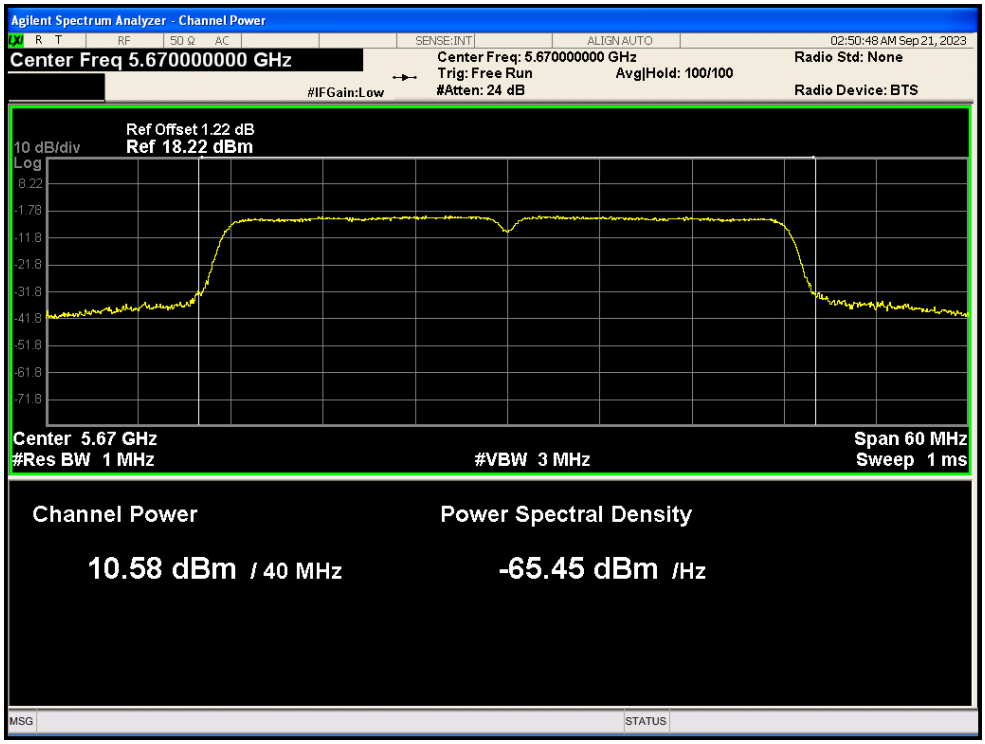
Power NVNT n40 5510MHz Ant1



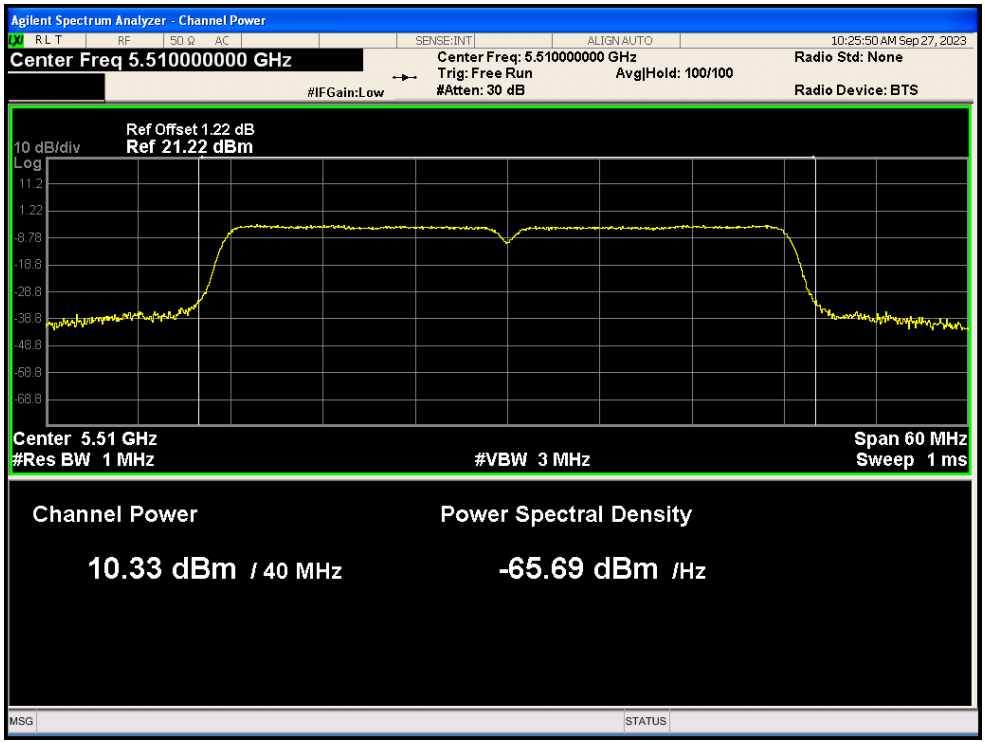
Power NVNT n40 5590MHz Ant1



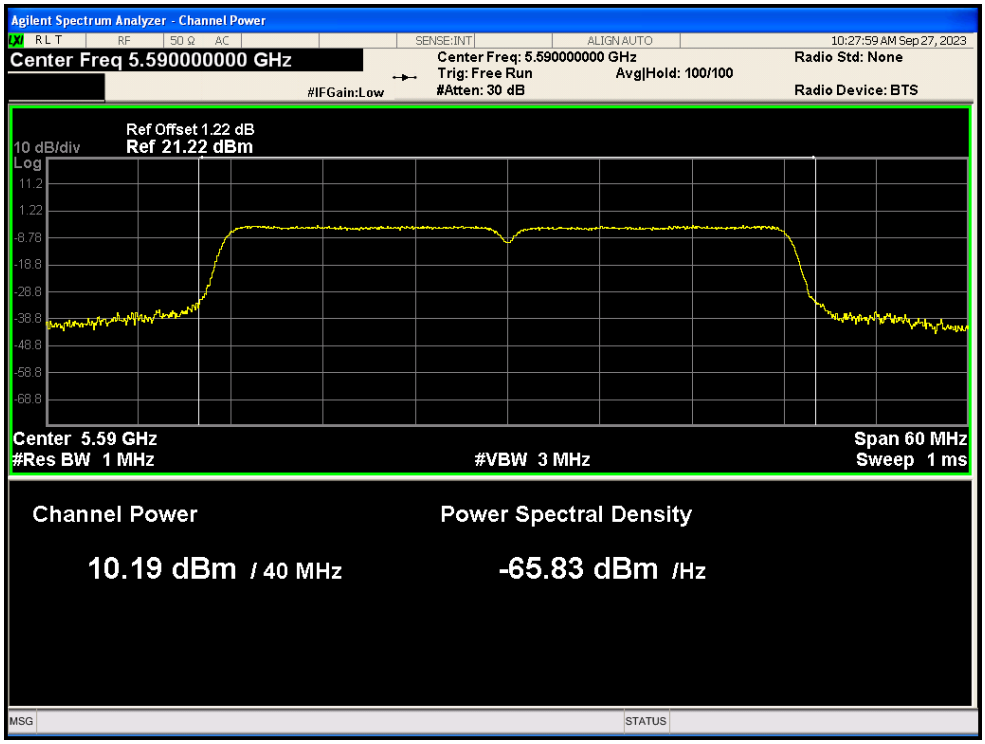
Power NVNT n40 5670MHz Ant1



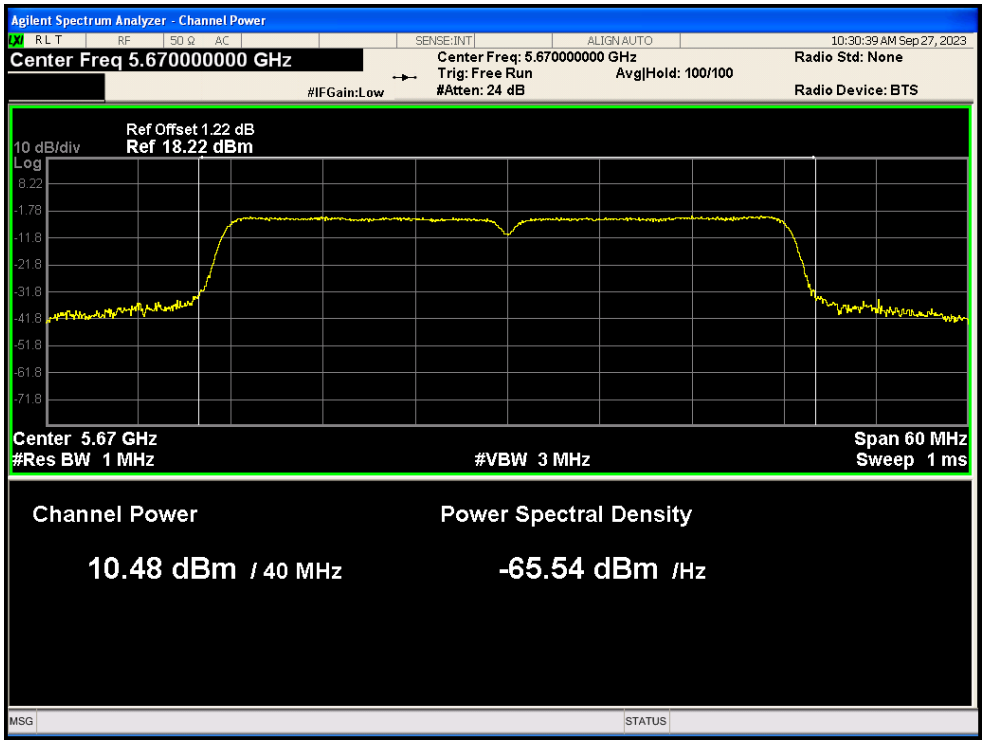
Power NVNT n40 5510MHz Ant2



Power NVNT n40 5590MHz Ant2



Power NVNT n40 5670MHz Ant2

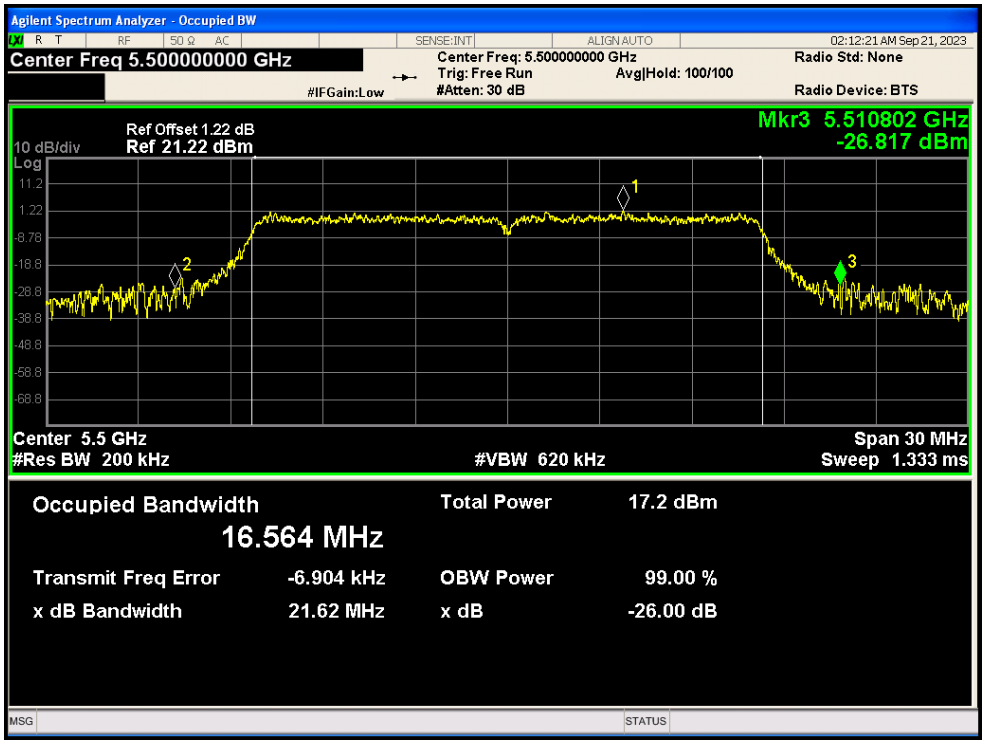


-26dB Bandwidth

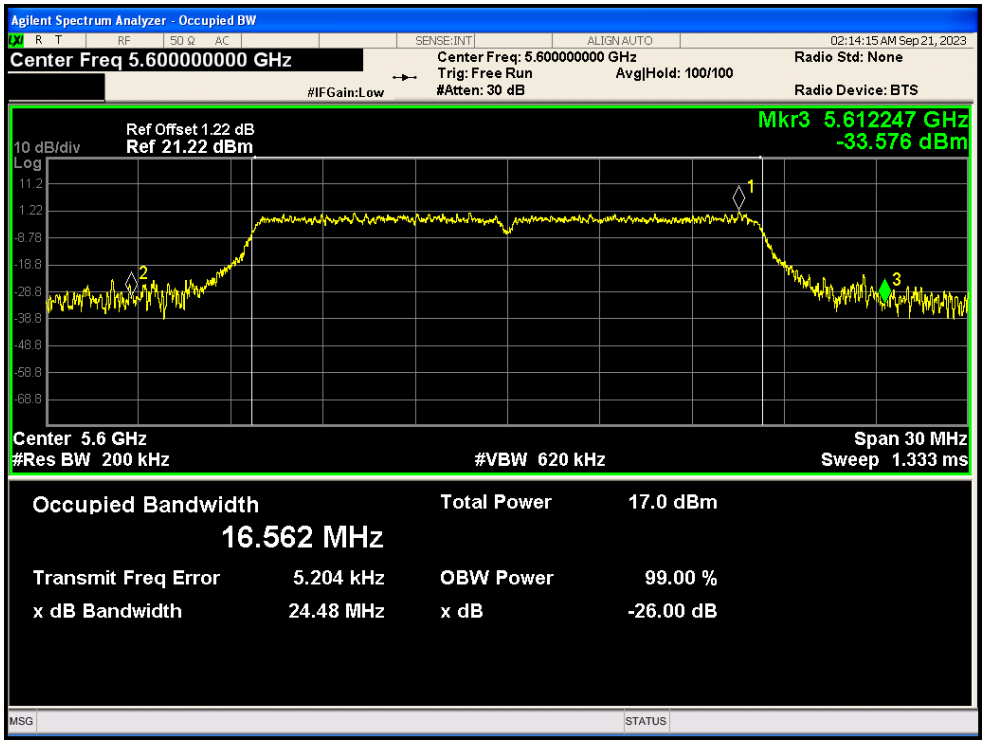
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	21.617	0.5	Pass
NVNT	a	5600	Ant1	24.484	0.5	Pass
NVNT	a	5700	Ant1	24.377	0.5	Pass

NVNT	a	5500	Ant2	24.696	0.5	Pass
NVNT	a	5600	Ant2	22.702	0.5	Pass
NVNT	a	5700	Ant2	22.759	0.5	Pass
NVNT	ac20	5500	Ant1	24.652	0.5	Pass
NVNT	ac20	5600	Ant1	28.673	0.5	Pass
NVNT	ac20	5700	Ant1	24.602	0.5	Pass
NVNT	ac20	5500	Ant2	27.513	0.5	Pass
NVNT	ac20	5600	Ant2	24.477	0.5	Pass
NVNT	ac20	5700	Ant2	25.21	0.5	Pass
NVNT	ac40	5510	Ant1	53.982	0.5	Pass
NVNT	ac40	5590	Ant1	49.404	0.5	Pass
NVNT	ac40	5670	Ant1	44.444	0.5	Pass
NVNT	ac40	5510	Ant2	43.648	0.5	Pass
NVNT	ac40	5590	Ant2	46.049	0.5	Pass
NVNT	ac40	5670	Ant2	48.532	0.5	Pass
NVNT	ac80	5530	Ant1	88.469	0.5	Pass
NVNT	ac80	5610	Ant1	82.616	0.5	Pass
NVNT	ac80	5530	Ant2	98.643	0.5	Pass
NVNT	ac80	5610	Ant2	86.279	0.5	Pass
NVNT	n20	5500	Ant1	24.82	0.5	Pass
NVNT	n20	5600	Ant1	23.127	0.5	Pass
NVNT	n20	5700	Ant1	24.285	0.5	Pass
NVNT	n20	5500	Ant2	24.419	0.5	Pass
NVNT	n20	5600	Ant2	23.914	0.5	Pass
NVNT	n20	5700	Ant2	23.711	0.5	Pass
NVNT	n40	5510	Ant1	46.529	0.5	Pass
NVNT	n40	5590	Ant1	47.355	0.5	Pass
NVNT	n40	5670	Ant1	47.519	0.5	Pass
NVNT	n40	5510	Ant2	48.077	0.5	Pass
NVNT	n40	5590	Ant2	47.779	0.5	Pass
NVNT	n40	5670	Ant2	49.111	0.5	Pass

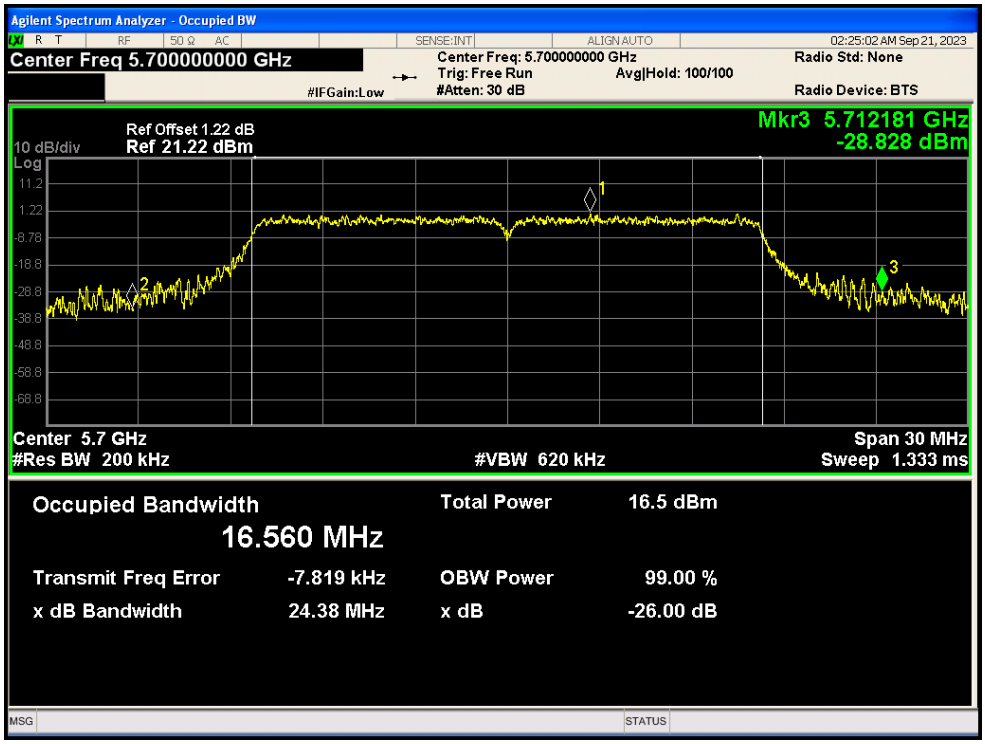
-26dB Bandwidth NVNT a 5500MHz Ant1



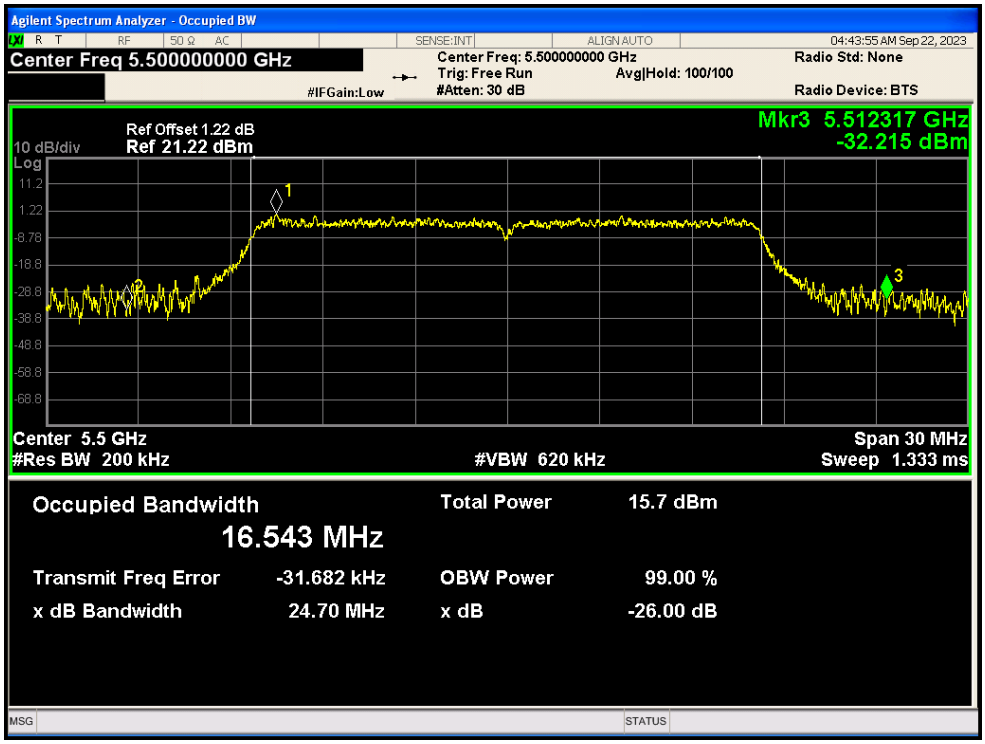
-26dB Bandwidth NVNT a 5600MHz Ant1



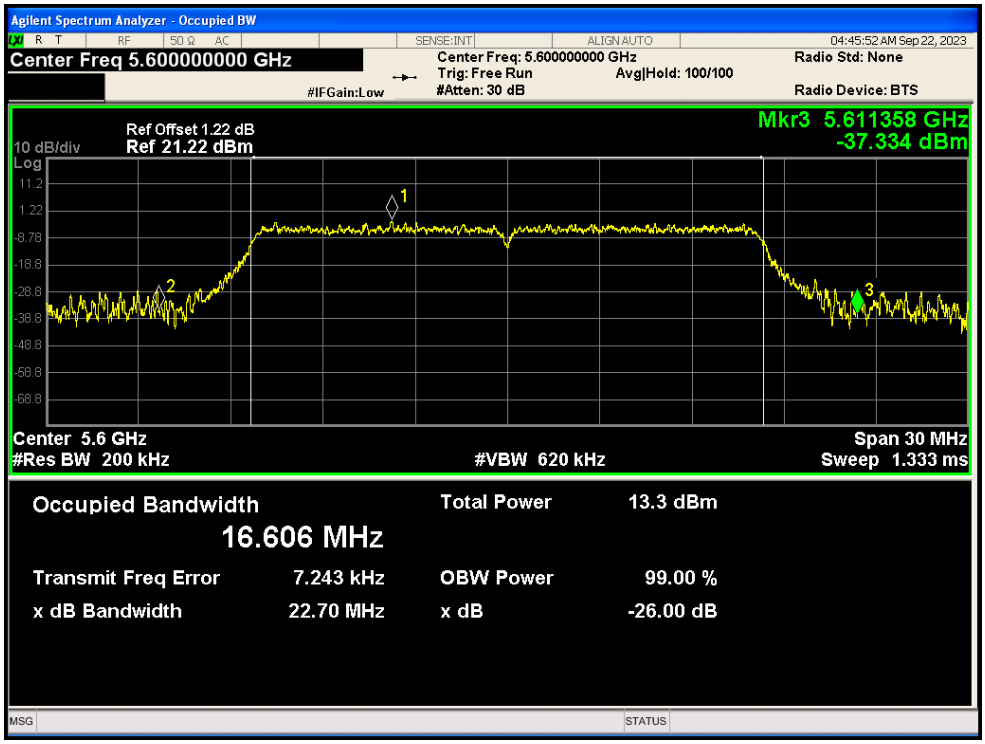
-26dB Bandwidth NVNT a 5700MHz Ant1



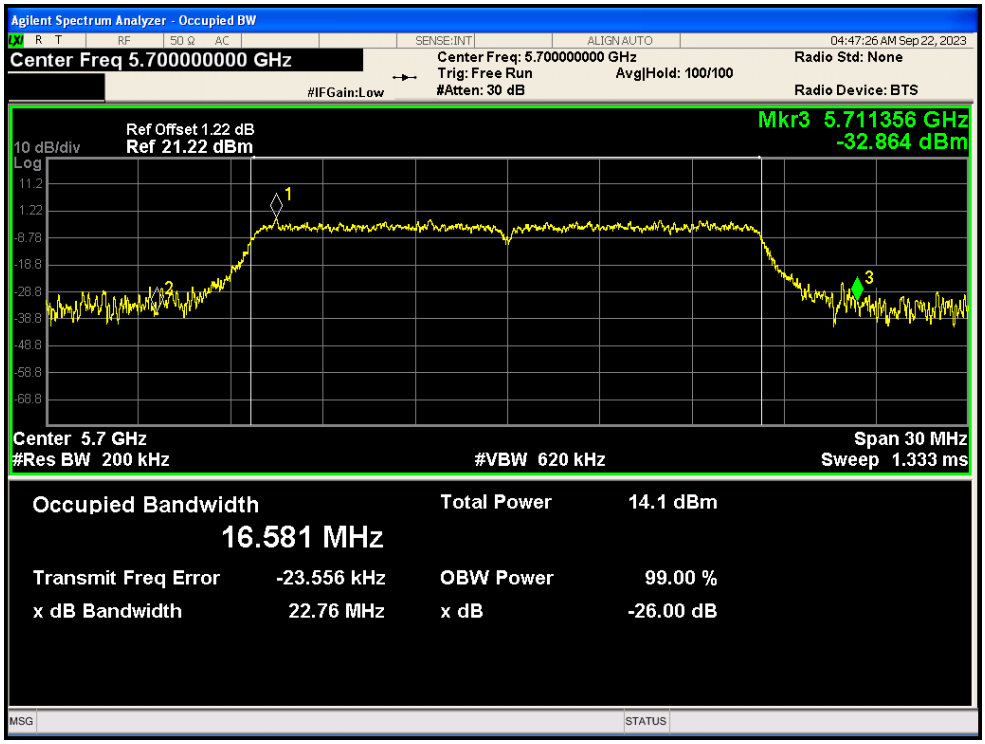
-26dB Bandwidth NVNT a 5500MHz Ant2



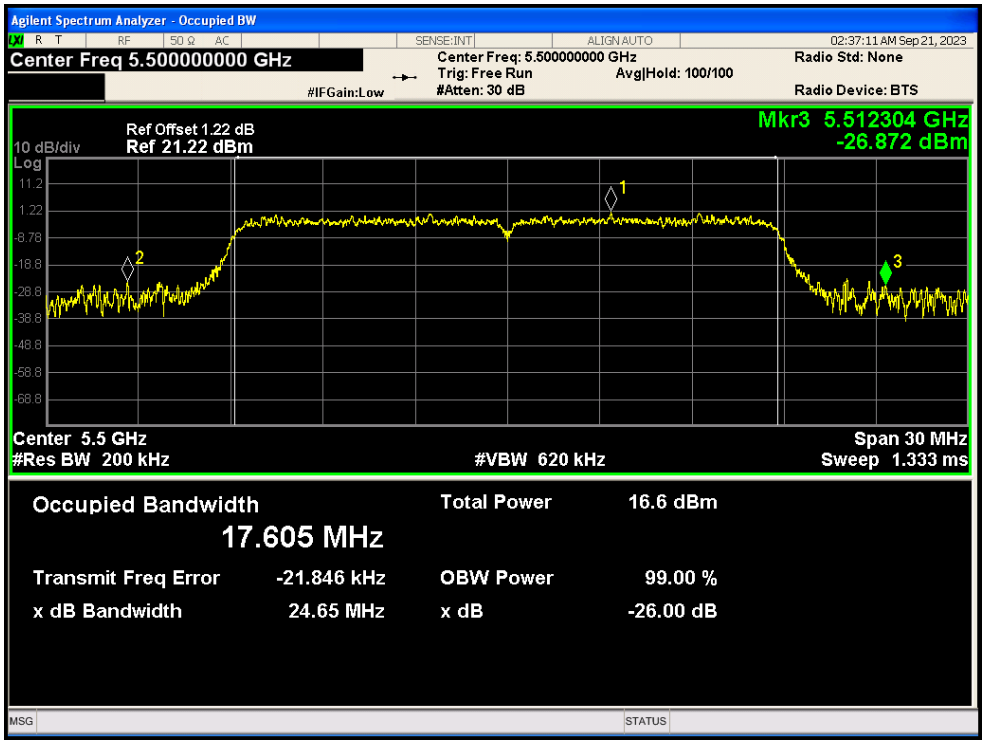
-26dB Bandwidth NVNT a 5600MHz Ant2



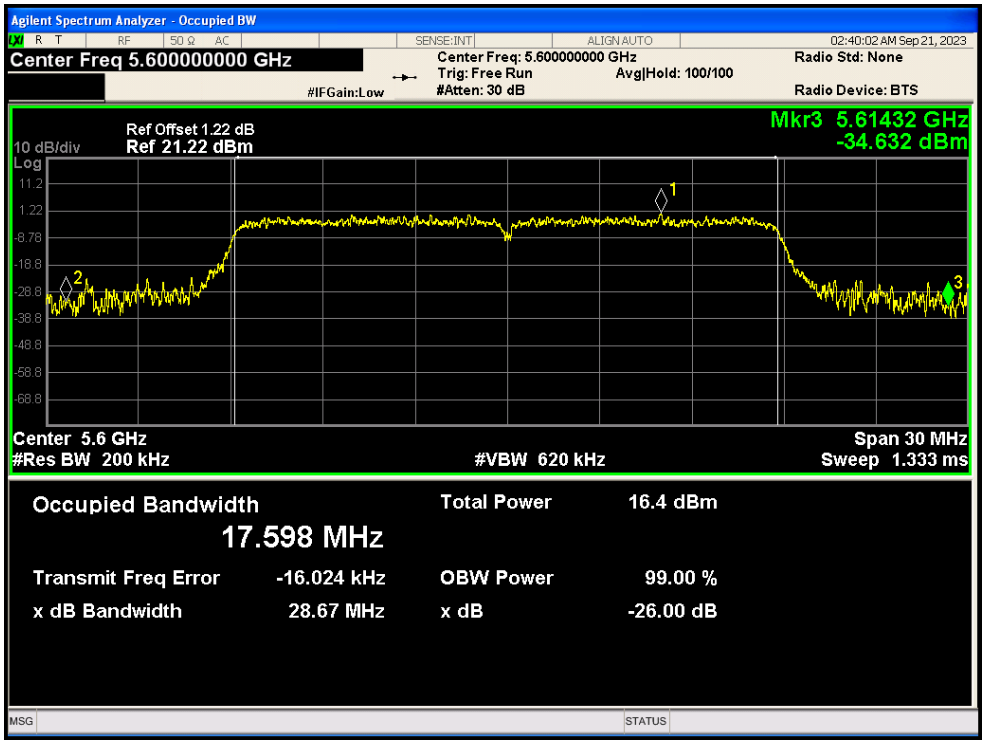
-26dB Bandwidth NVNT a 5700MHz Ant2



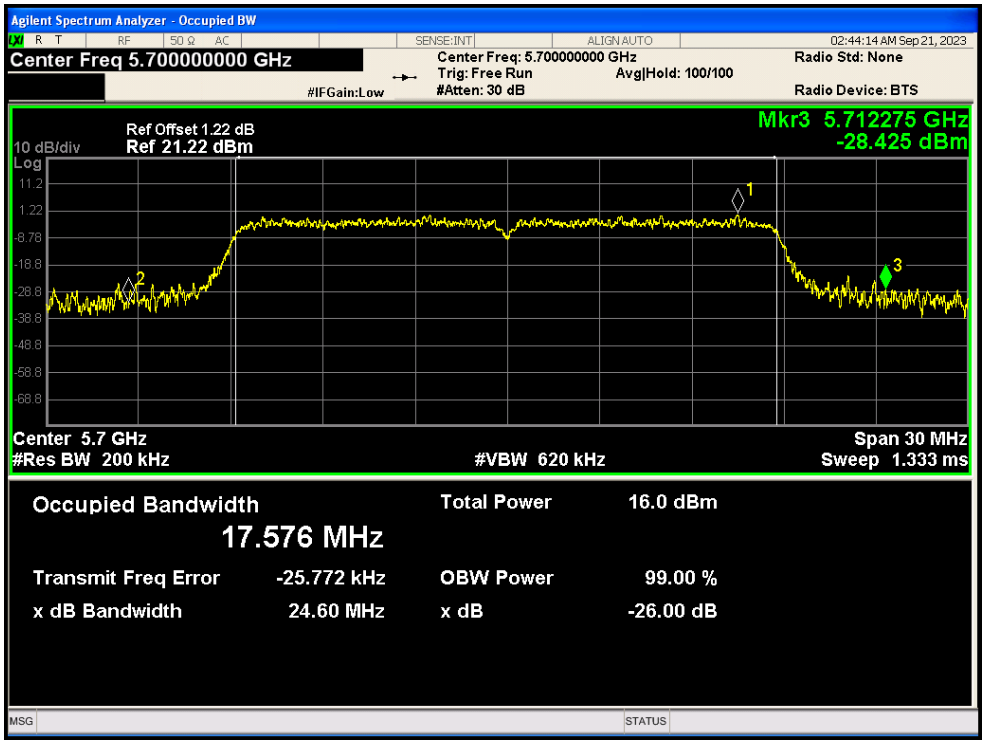
-26dB Bandwidth NVNT ac20 5500MHz Ant1



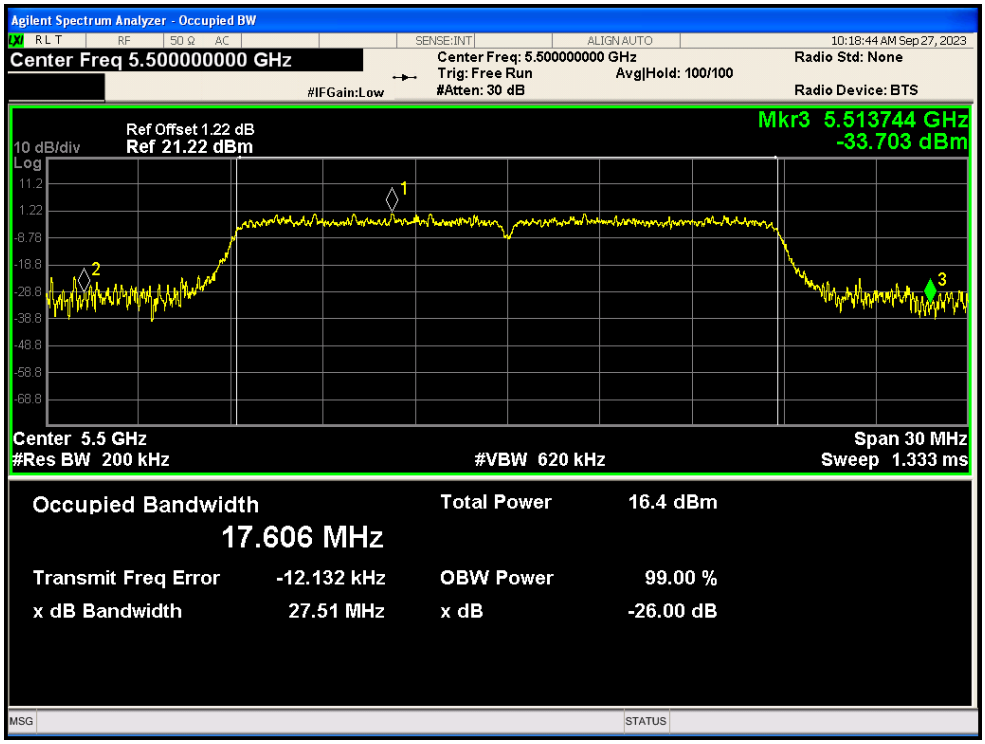
-26dB Bandwidth NVNT ac20 5600MHz Ant1



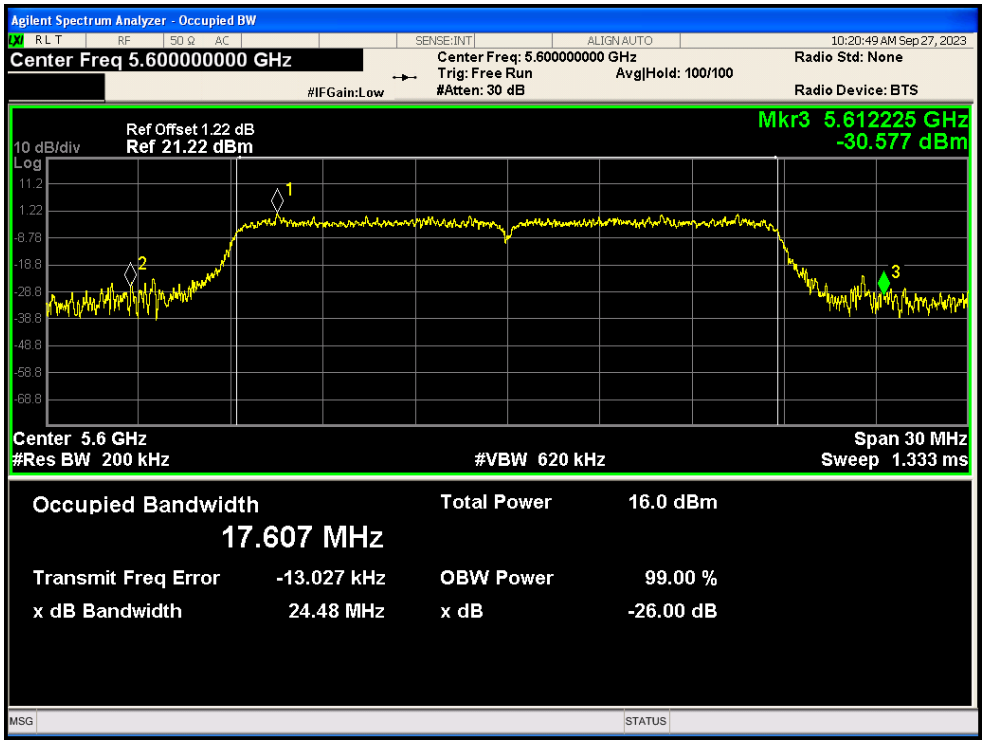
-26dB Bandwidth NVNT ac20 5700MHz Ant1



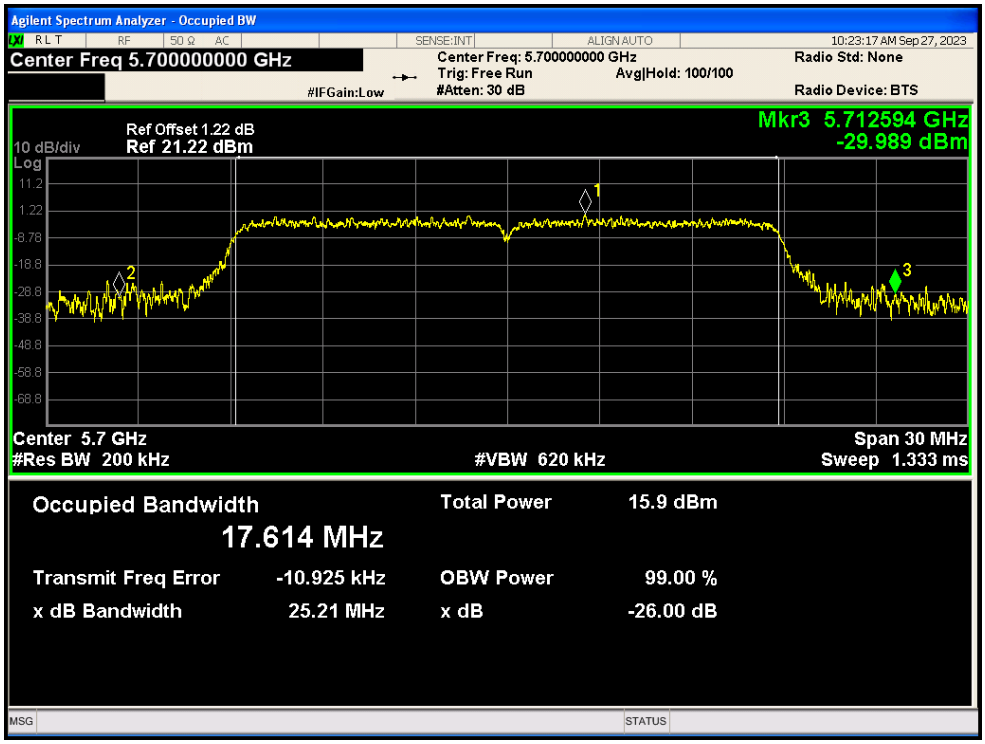
-26dB Bandwidth NVNT ac20 5500MHz Ant2



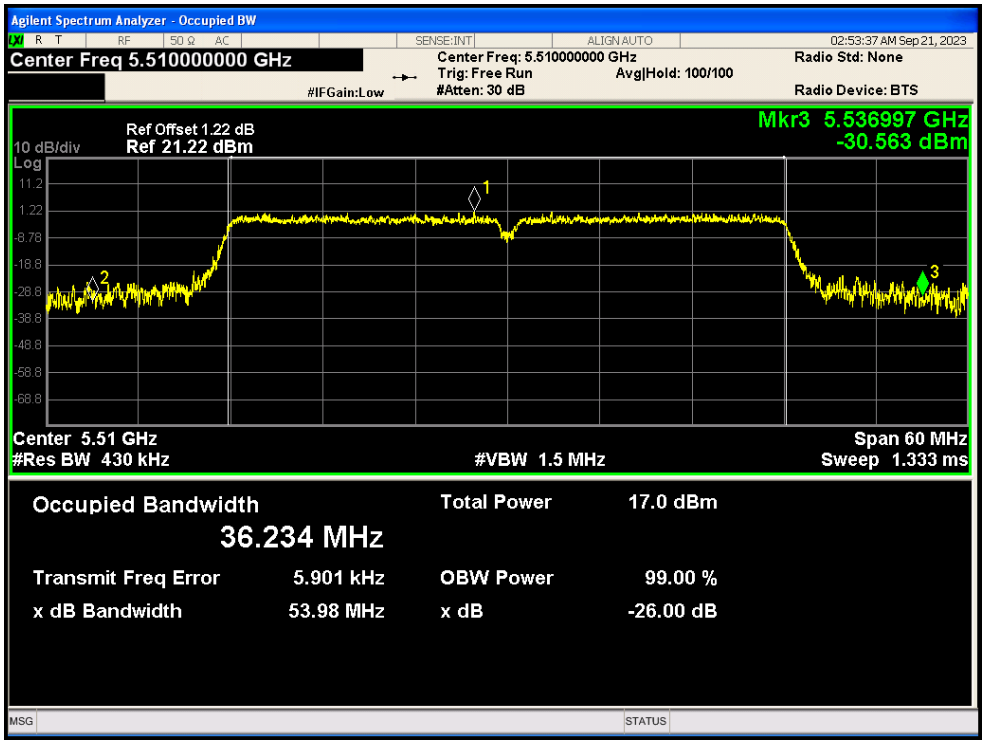
-26dB Bandwidth NVNT ac20 5600MHz Ant2



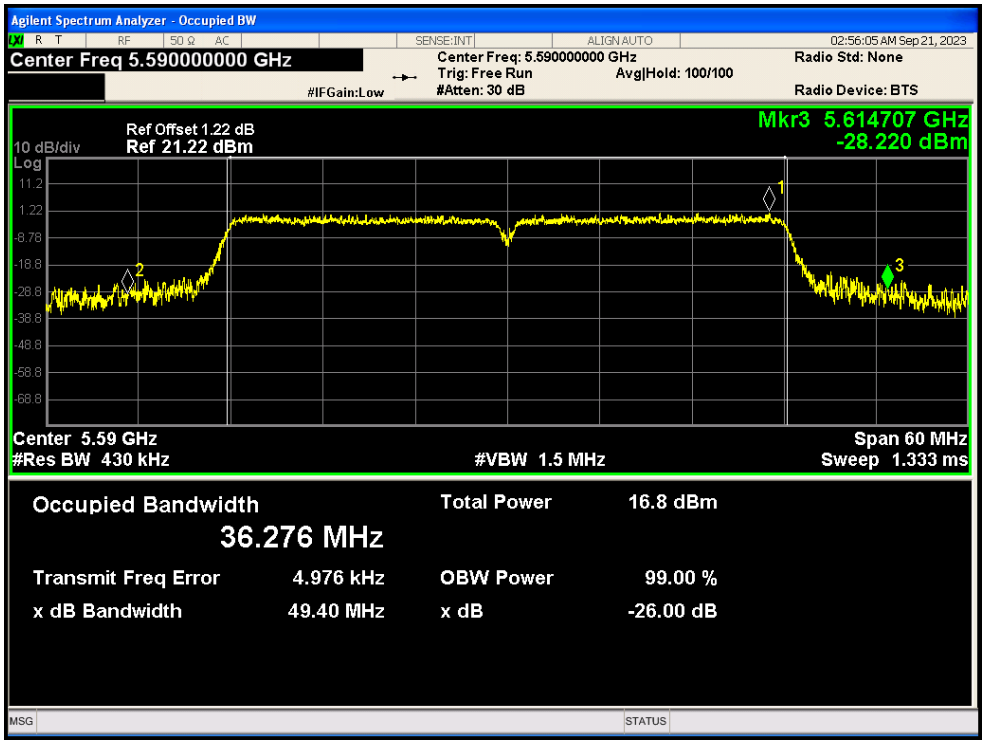
-26dB Bandwidth NVNT ac20 5700MHz Ant2



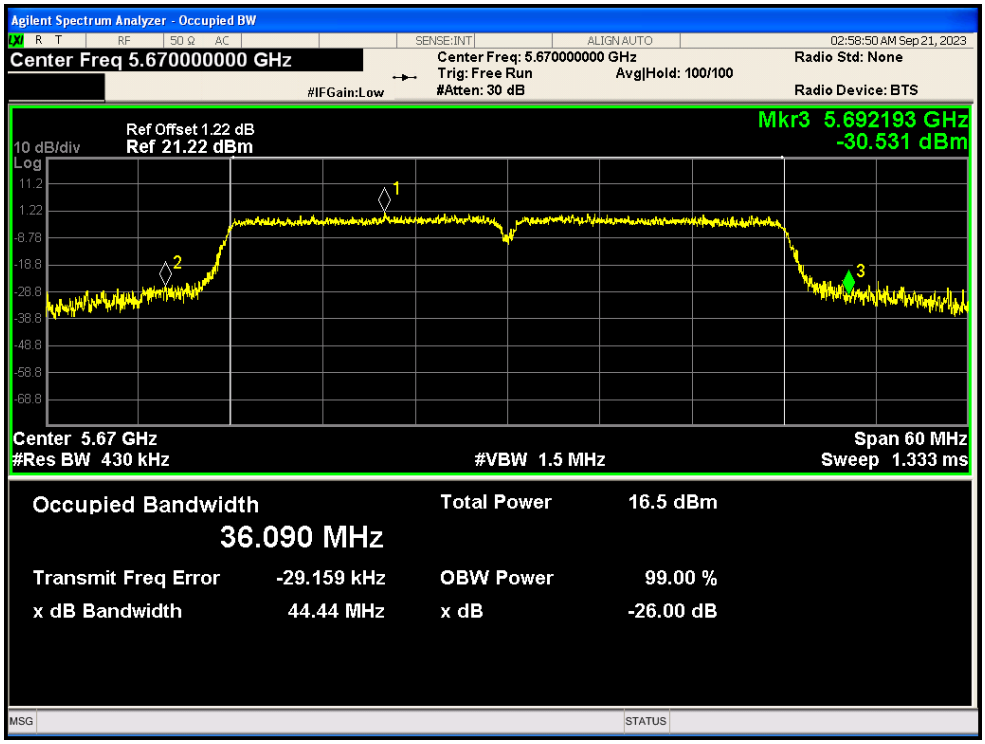
-26dB Bandwidth NVNT ac40 5510MHz Ant1



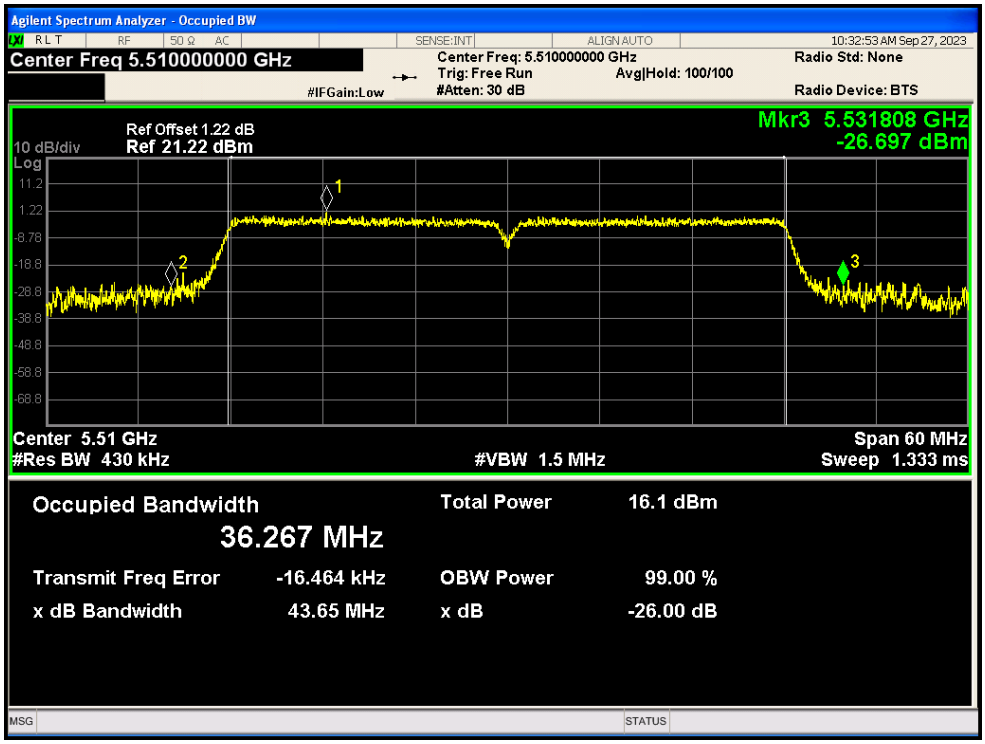
-26dB Bandwidth NVNT ac40 5590MHz Ant1



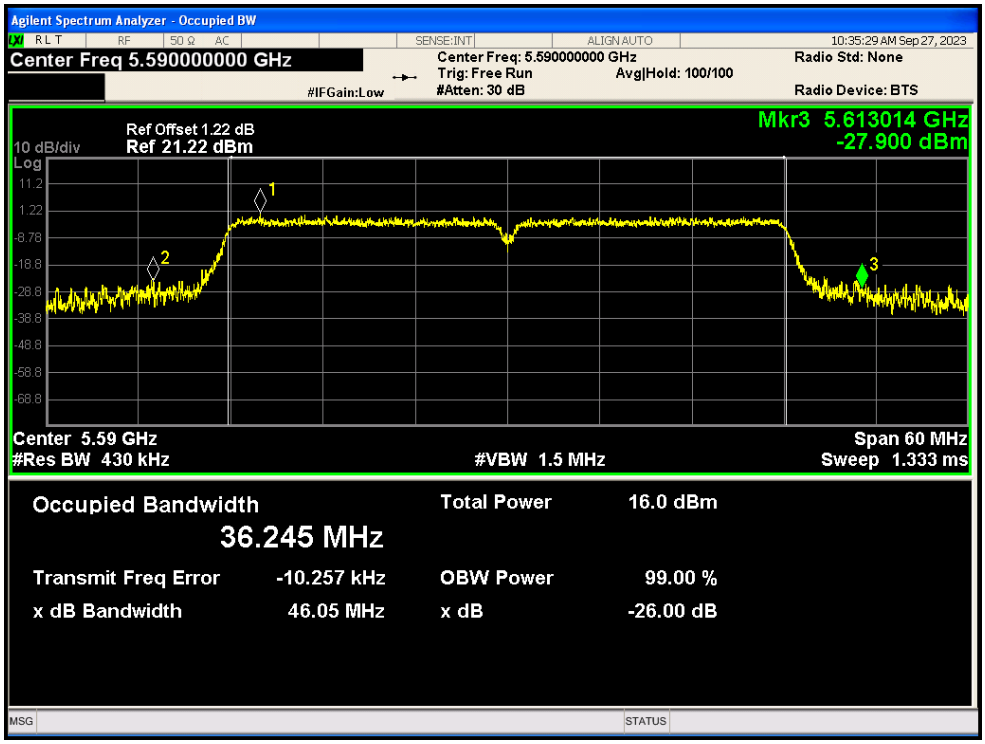
-26dB Bandwidth NVNT ac40 5670MHz Ant1



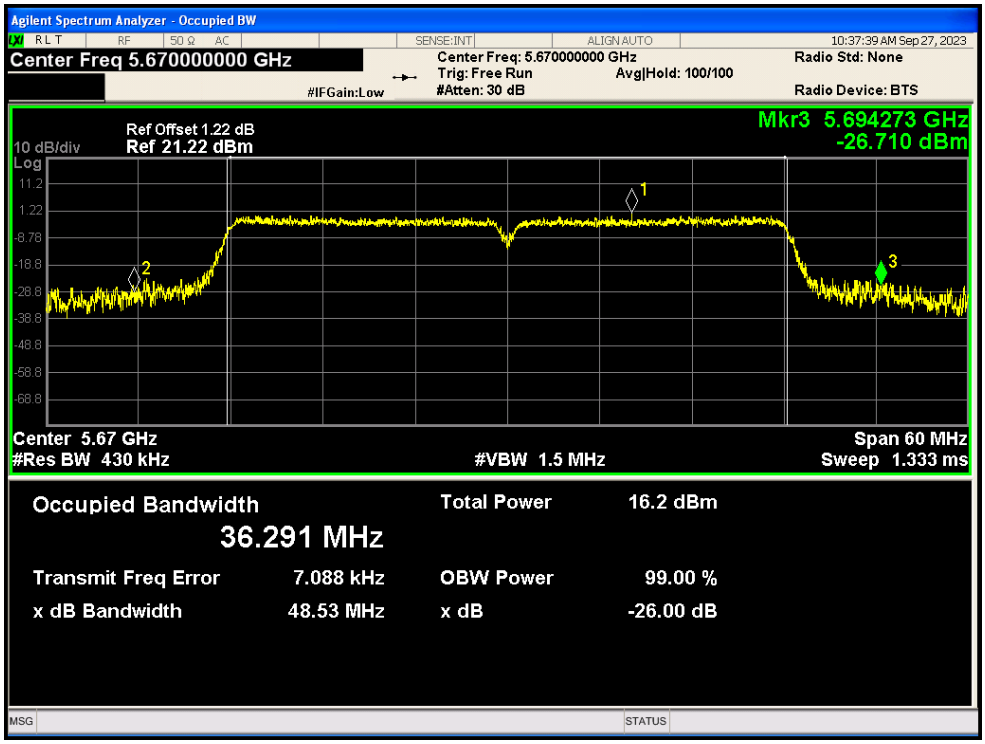
-26dB Bandwidth NVNT ac40 5510MHz Ant2



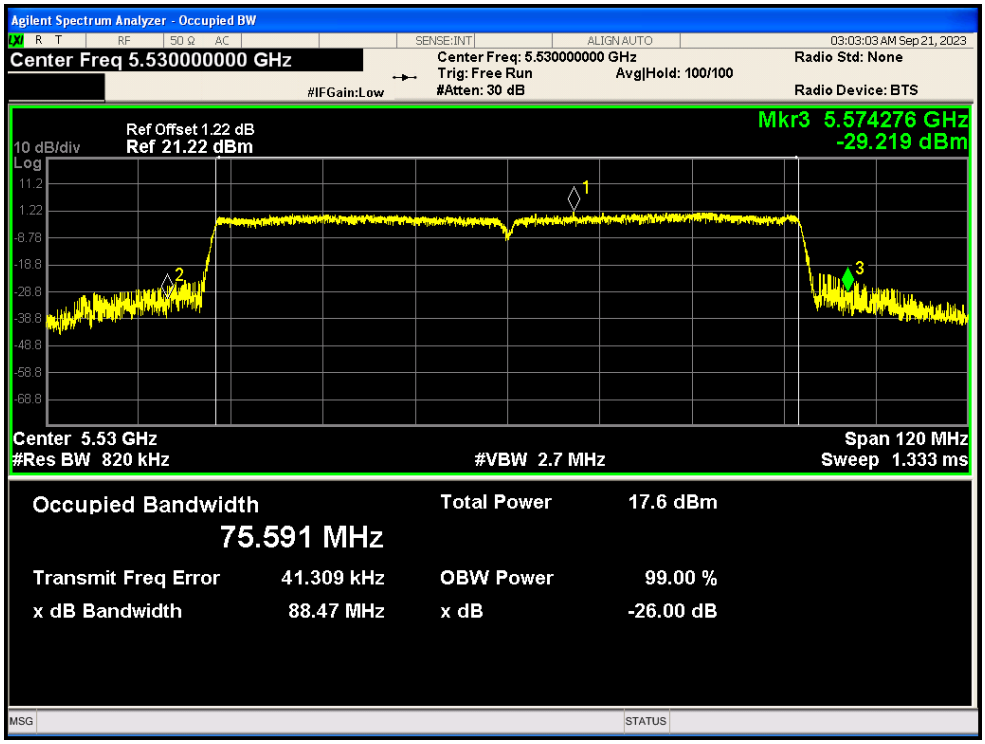
-26dB Bandwidth NVNT ac40 5590MHz Ant2



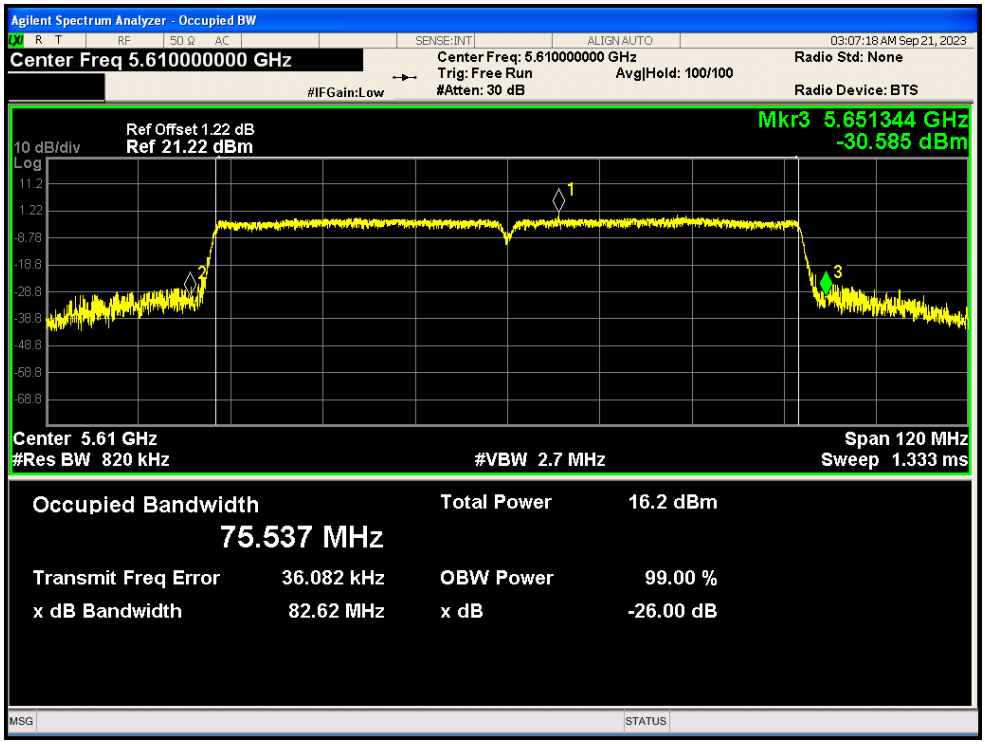
-26dB Bandwidth NVNT ac40 5670MHz Ant2



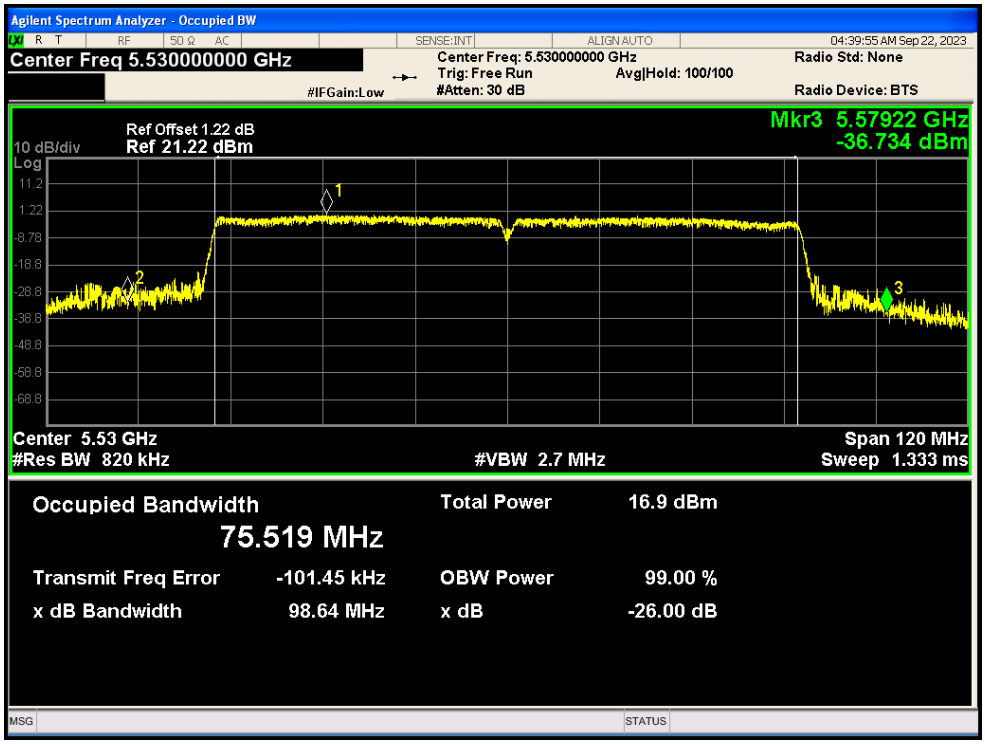
-26dB Bandwidth NVNT ac80 5530MHz Ant1



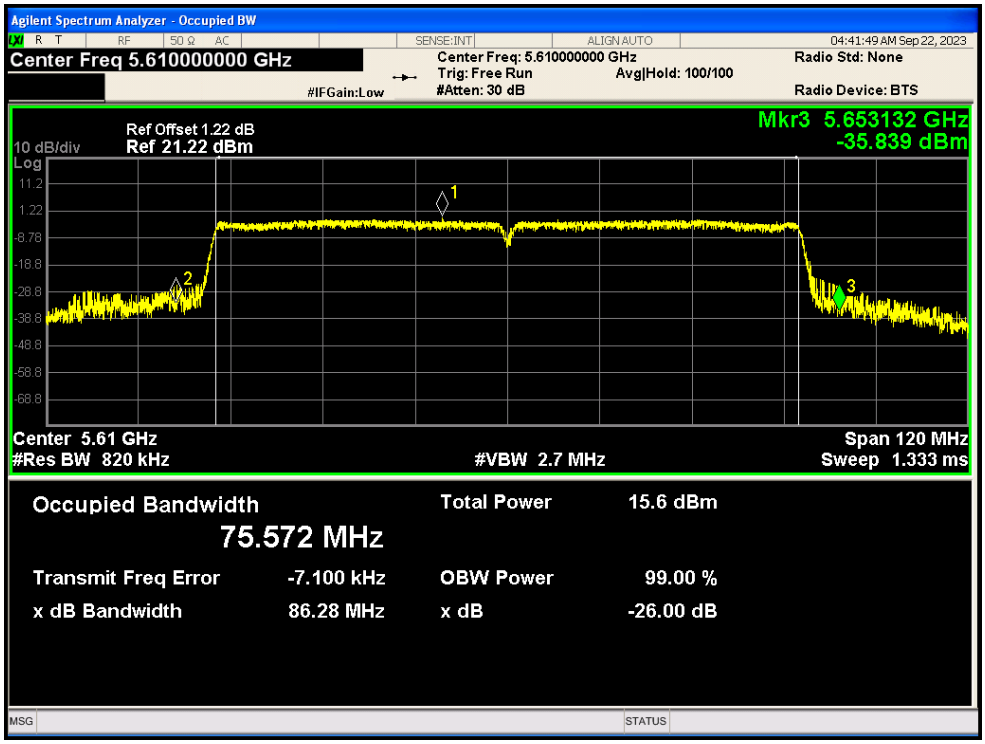
-26dB Bandwidth NVNT ac80 5610MHz Ant1



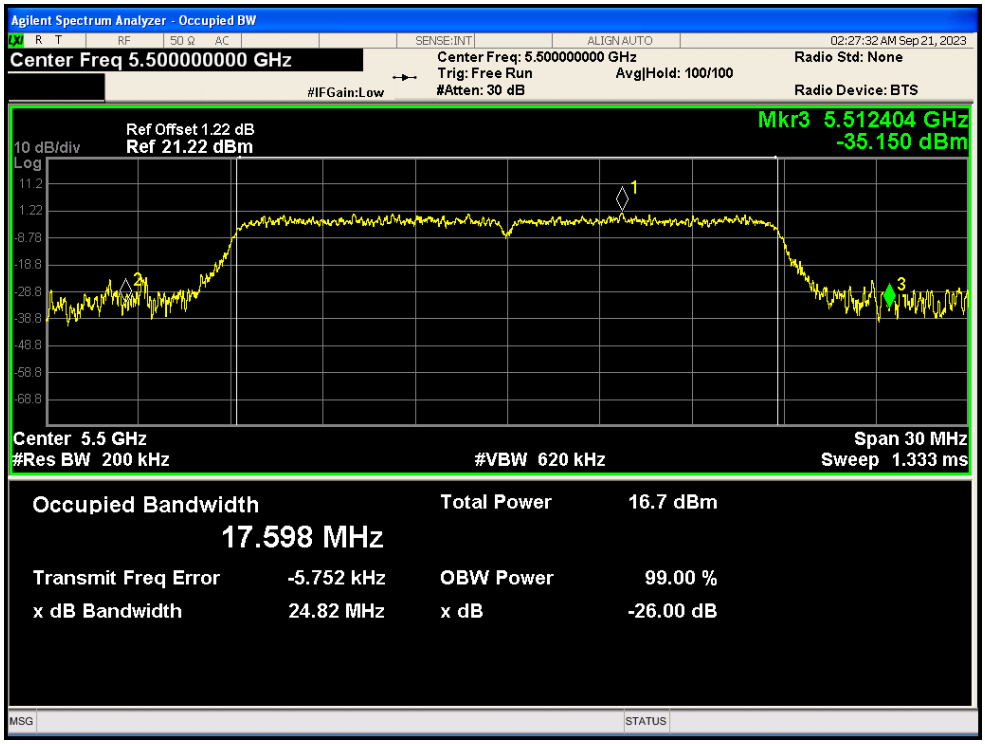
-26dB Bandwidth NVNT ac80 5530MHz Ant2



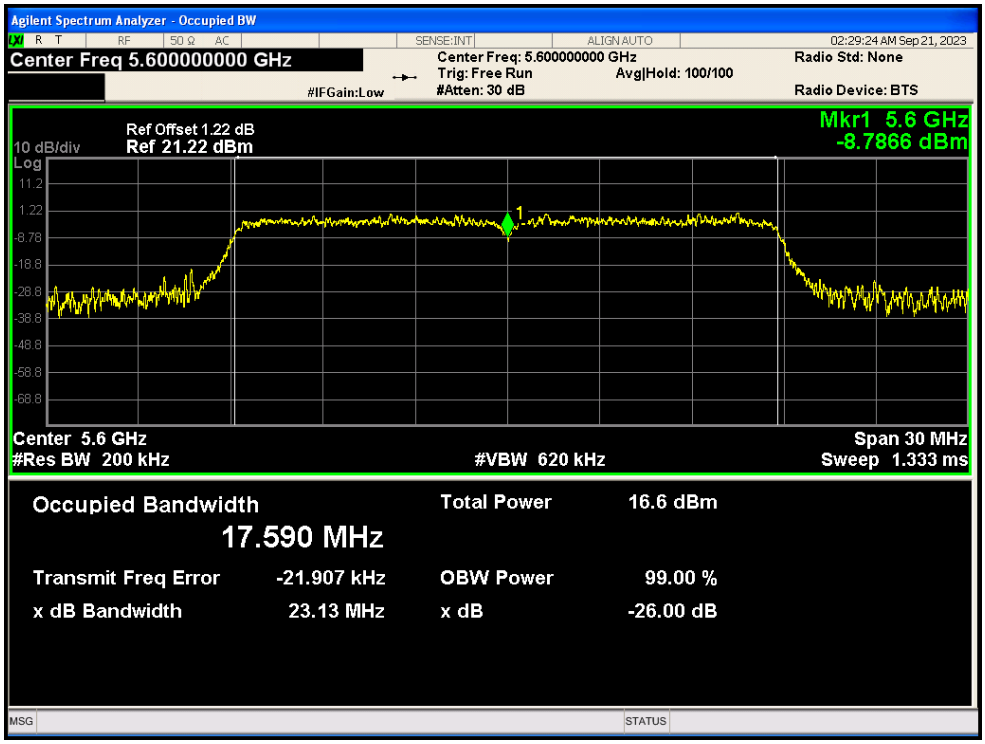
-26dB Bandwidth NVNT ac80 5610MHz Ant2



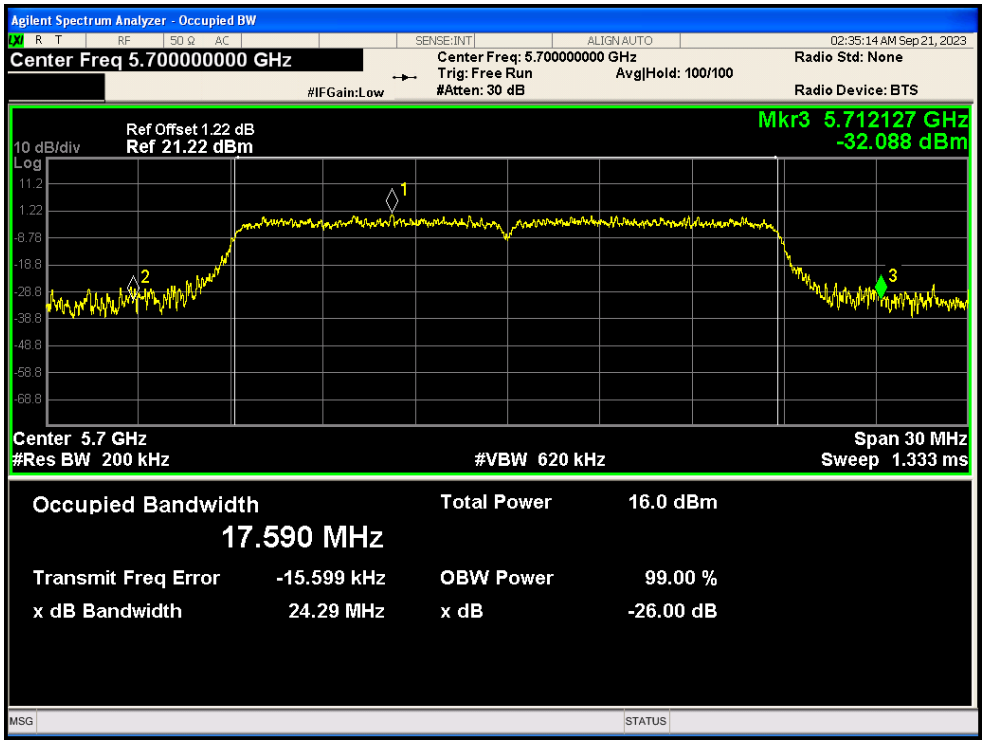
-26dB Bandwidth NVNT n20 5500MHz Ant1



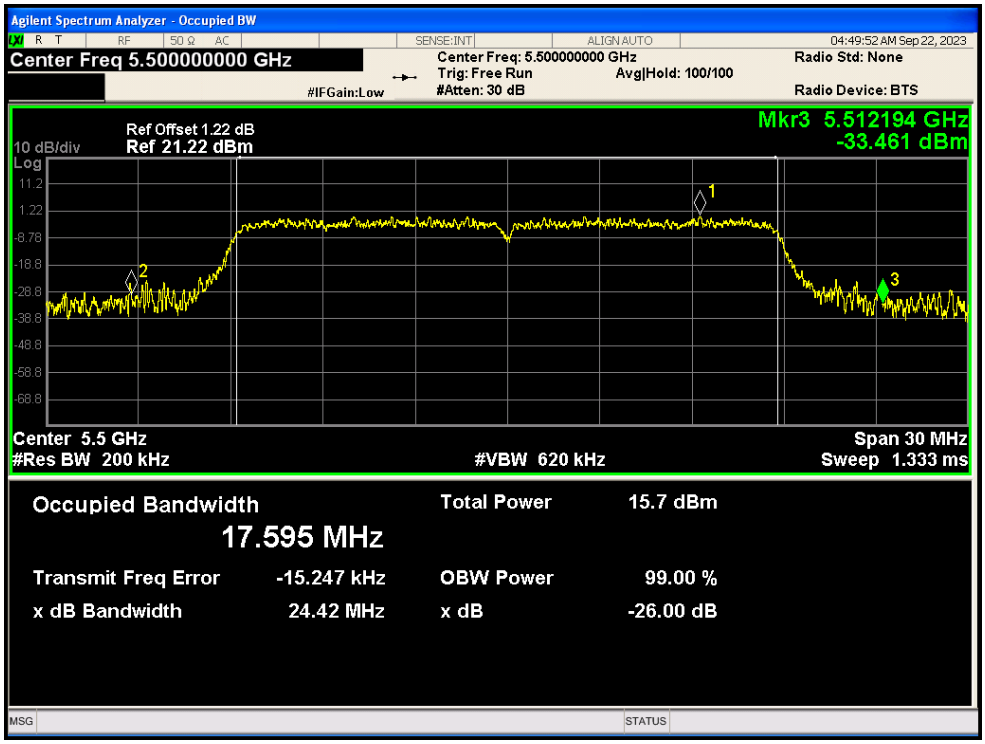
-26dB Bandwidth NVNT n20 5600MHz Ant1



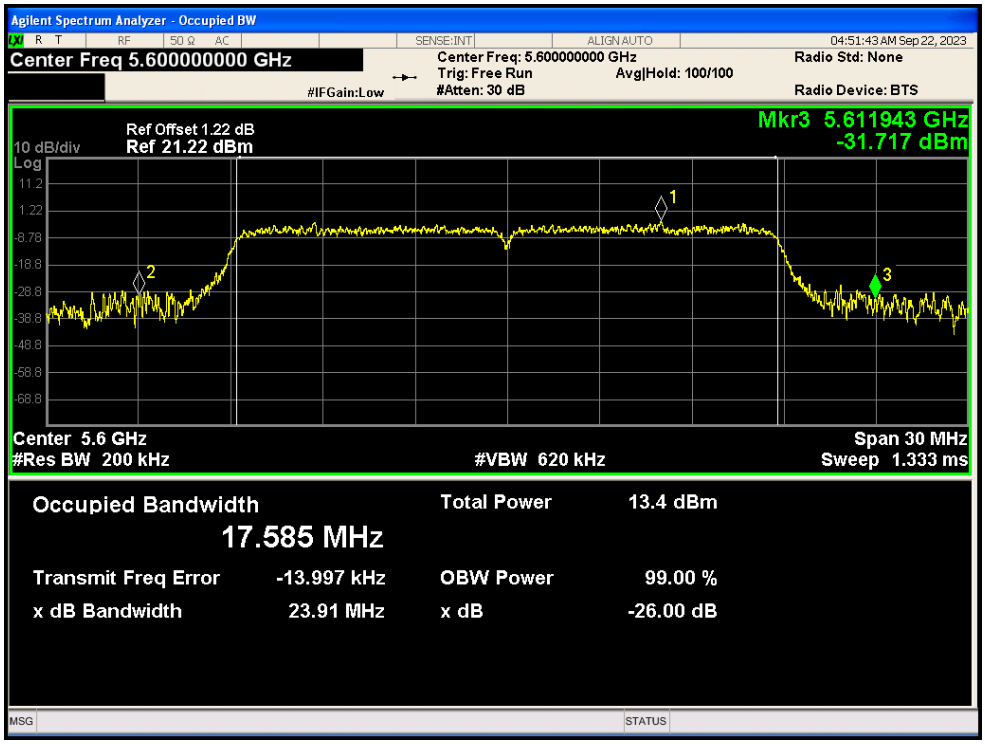
-26dB Bandwidth NVNT n20 5700MHz Ant1



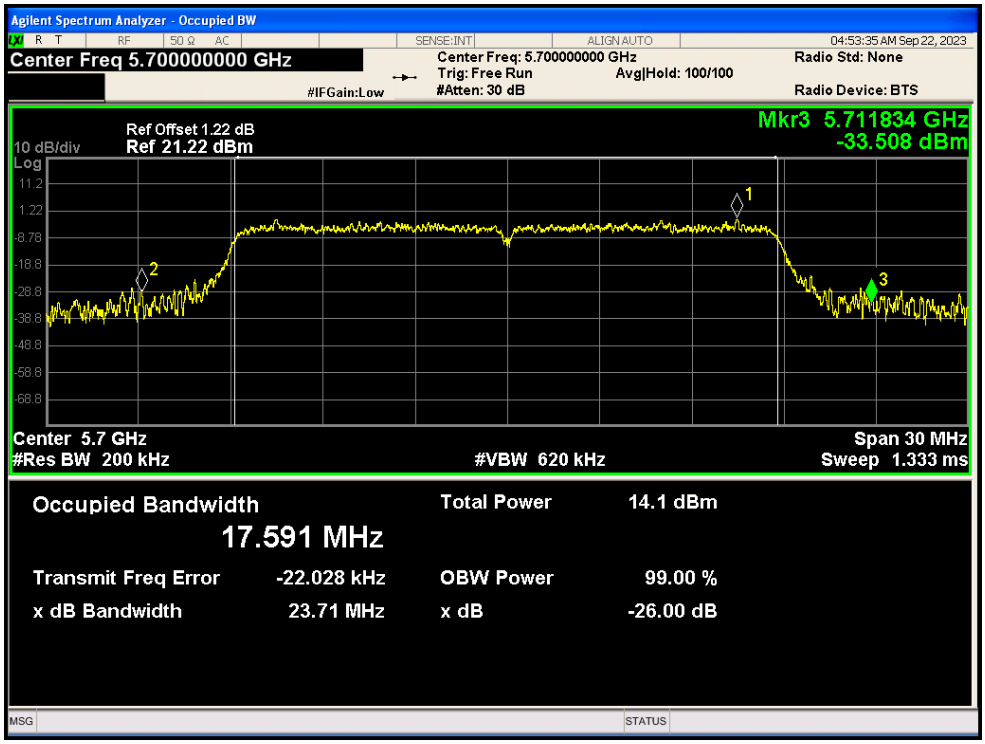
-26dB Bandwidth NVNT n20 5500MHz Ant2



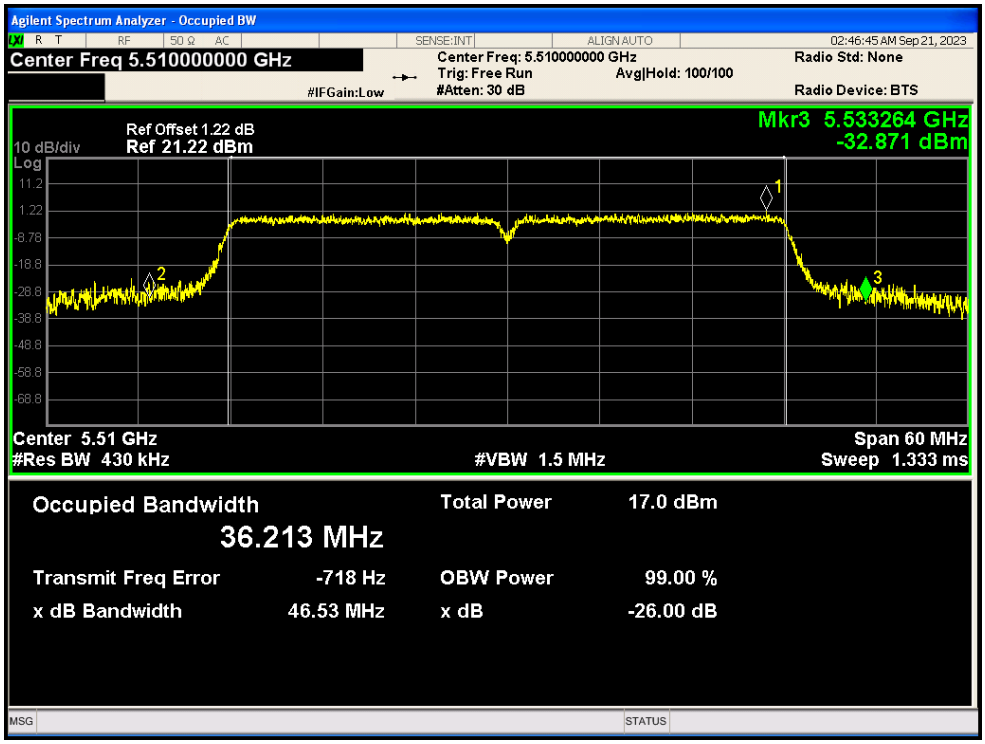
-26dB Bandwidth NVNT n20 5600MHz Ant2



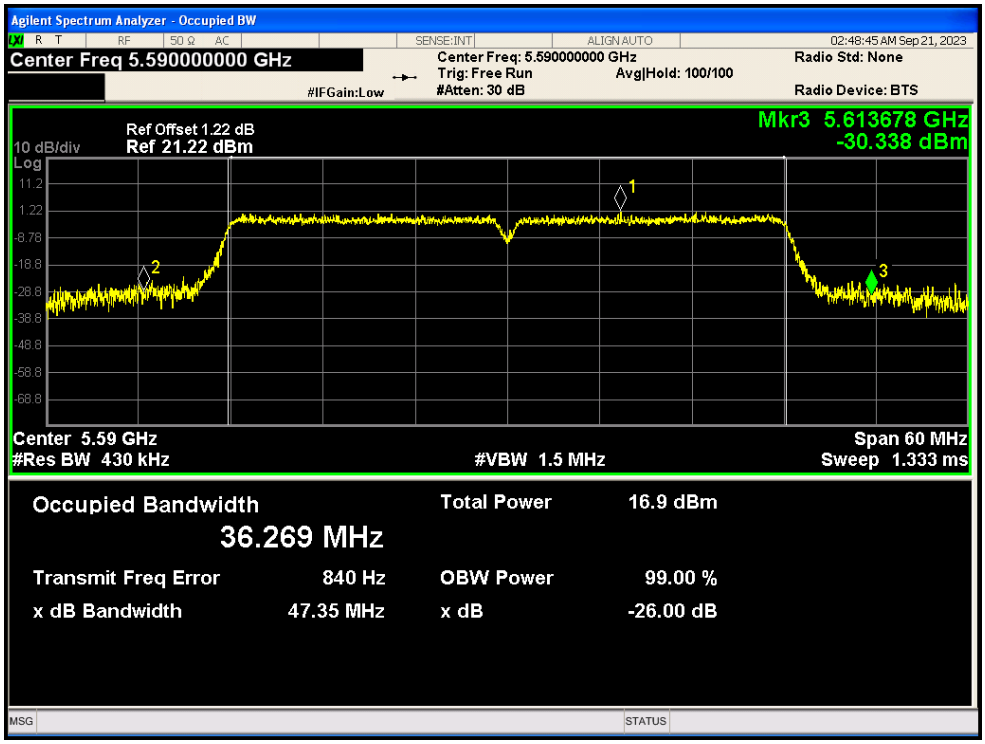
-26dB Bandwidth NVNT n20 5700MHz Ant2



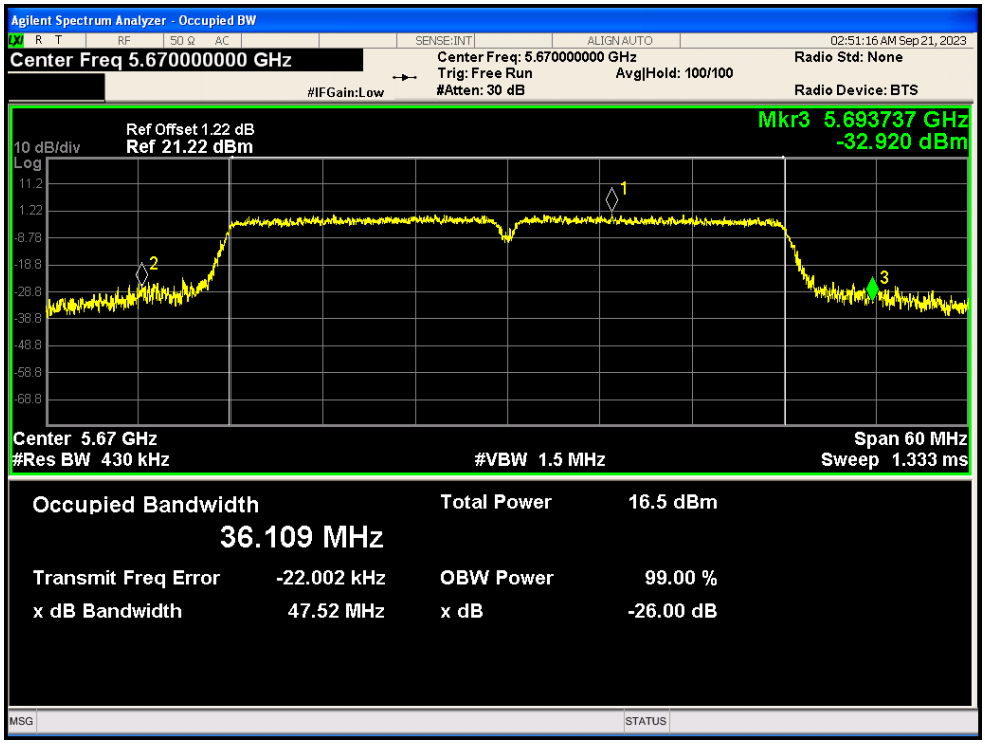
-26dB Bandwidth NVNT n40 5510MHz Ant1



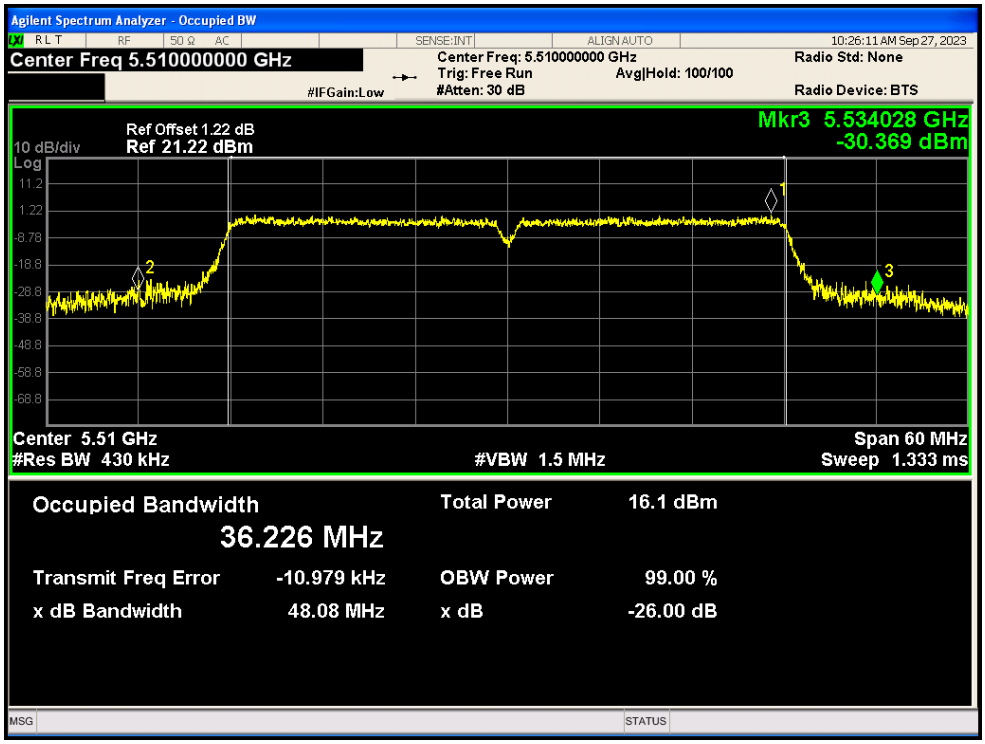
-26dB Bandwidth NVNT n40 5590MHz Ant1



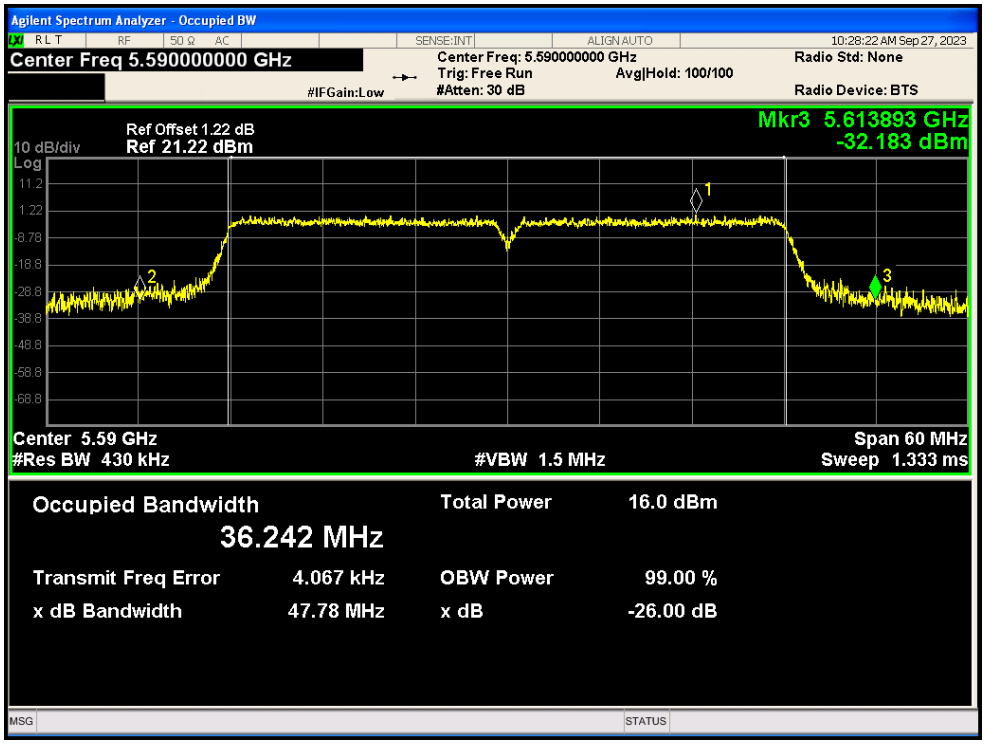
-26dB Bandwidth NVNT n40 5670MHz Ant1



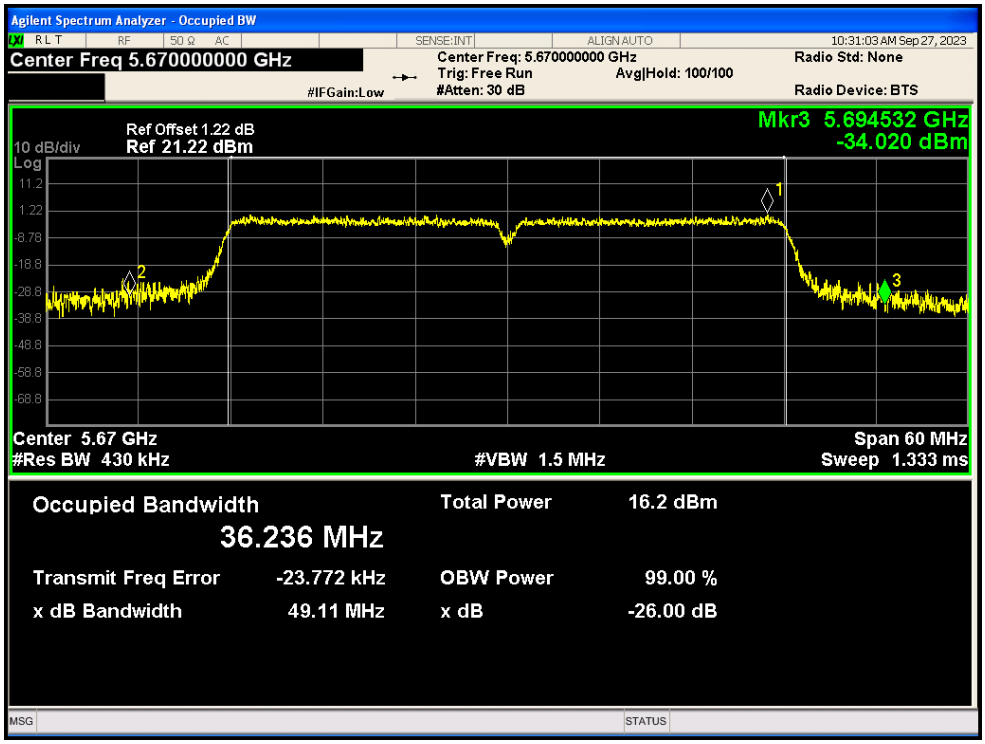
-26dB Bandwidth NVNT n40 5510MHz Ant2



-26dB Bandwidth NVNT n40 5590MHz Ant2



-26dB Bandwidth NVNT n40 5670MHz Ant2



Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.589
NVNT	a	5600	Ant1	16.563
NVNT	a	5700	Ant1	16.545
NVNT	a	5500	Ant2	16.564
NVNT	a	5600	Ant2	16.516
NVNT	a	5700	Ant2	16.57
NVNT	ac20	5500	Ant1	17.589
NVNT	ac20	5600	Ant1	17.586
NVNT	ac20	5700	Ant1	17.581
NVNT	ac20	5500	Ant2	17.582
NVNT	ac20	5600	Ant2	17.6
NVNT	ac20	5700	Ant2	17.581
NVNT	ac40	5510	Ant1	36.239
NVNT	ac40	5590	Ant1	36.254
NVNT	ac40	5670	Ant1	36.134
NVNT	ac40	5510	Ant2	36.283
NVNT	ac40	5590	Ant2	36.253
NVNT	ac40	5670	Ant2	36.275
NVNT	ac80	5530	Ant1	75.531
NVNT	ac80	5610	Ant1	75.546
NVNT	ac80	5530	Ant2	75.493
NVNT	ac80	5610	Ant2	75.569
NVNT	n20	5500	Ant1	17.586
NVNT	n20	5600	Ant1	17.604
NVNT	n20	5700	Ant1	17.569
NVNT	n20	5500	Ant2	17.58
NVNT	n20	5600	Ant2	17.597
NVNT	n20	5700	Ant2	17.587
NVNT	n40	5510	Ant1	36.21
NVNT	n40	5590	Ant1	36.267
NVNT	n40	5670	Ant1	36.09
NVNT	n40	5510	Ant2	36.212
NVNT	n40	5590	Ant2	36.254
NVNT	n40	5670	Ant2	36.254

OBW NVNT a 5500MHz Ant1