

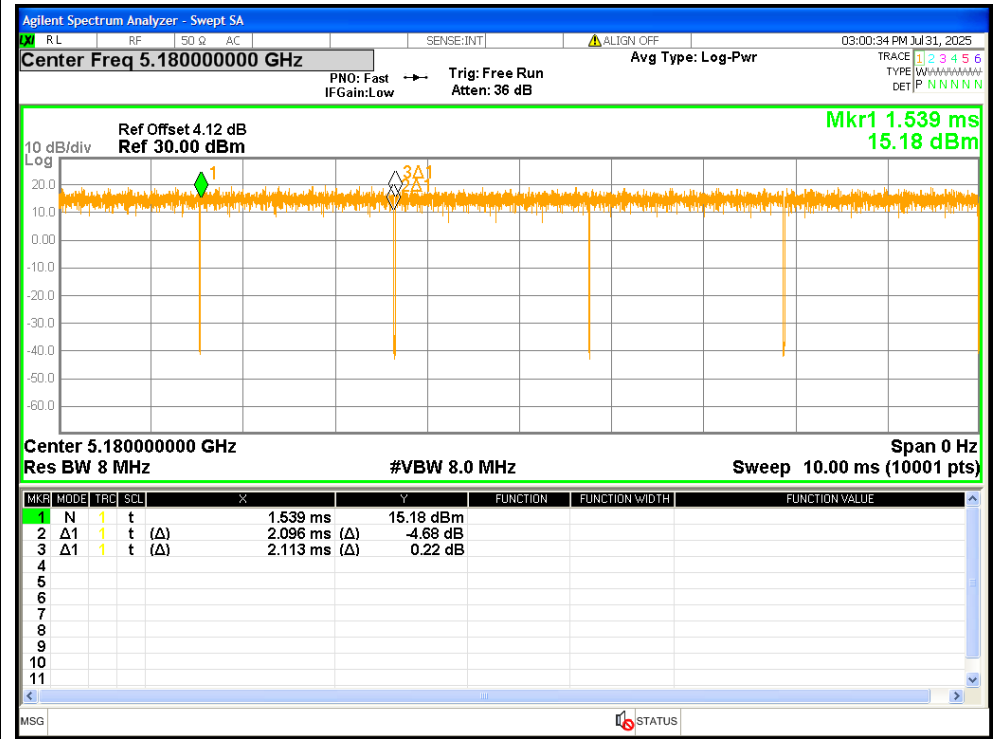
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	2.096	2.113	99.2	0.03	0.48
NVNT	a	5200	Ant1	2.096	2.113	99.2	0.03	0.48
NVNT	a	5240	Ant1	2.096	2.114	99.15	0.04	0.48
NVNT	a	5180	Ant2	2.097	2.114	99.2	0.03	0.48
NVNT	a	5200	Ant2	2.096	2.113	99.2	0.03	0.48
NVNT	a	5240	Ant2	2.096	2.113	99.2	0.03	0.48
NVNT	n20	5180	Ant1	5.402	5.418	99.7	0.01	0.19
NVNT	n20	5200	Ant1	5.402	5.418	99.7	0.01	0.19
NVNT	n20	5240	Ant1	5.4	5.416	99.7	0.01	0.19
NVNT	n20	5180	Ant2	5.4	5.416	99.7	0.01	0.19
NVNT	n20	5200	Ant2	5.402	5.418	99.7	0.01	0.19
NVNT	n20	5240	Ant2	5.402	5.418	99.7	0.01	0.19
NVNT	n40	5190	Ant1	5.031	5.046	99.7	0.01	0.2
NVNT	n40	5230	Ant1	5.034	5.049	99.7	0.01	0.2
NVNT	n40	5190	Ant2	5.034	5.049	99.7	0.01	0.2
NVNT	n40	5230	Ant2	5.031	5.049	99.64	0.02	0.2
NVNT	ac20	5180	Ant1	5.403	5.421	99.67	0.01	0.19
NVNT	ac20	5200	Ant1	5.403	5.421	99.67	0.01	0.19
NVNT	ac20	5240	Ant1	5.406	5.421	99.72	0.01	0.18
NVNT	ac20	5180	Ant2	5.403	5.421	99.67	0.01	0.19
NVNT	ac20	5200	Ant2	5.406	5.424	99.67	0.01	0.18
NVNT	ac20	5240	Ant2	5.403	5.421	99.67	0.01	0.19
NVNT	ac40	5190	Ant1	5.034	5.052	99.64	0.02	0.2
NVNT	ac40	5230	Ant1	5.037	5.052	99.7	0.01	0.2
NVNT	ac40	5190	Ant2	5.034	5.052	99.64	0.02	0.2
NVNT	ac40	5230	Ant2	5.037	5.055	99.64	0.02	0.2
NVNT	ac80	5210	Ant1	3.462	3.477	99.57	0.02	0.29
NVNT	ac80	5210	Ant2	3.459	3.477	99.48	0.02	0.29
NVNT	ac160	5250	Ant1	2.796	2.811	99.47	0.02	0.36
NVNT	ac160	5250	Ant2	2.796	2.811	99.47	0.02	0.36
NVNT	ax20	5180	Ant1	5.421	5.439	99.67	0.01	0.18
NVNT	ax20	5200	Ant1	5.421	5.439	99.67	0.01	0.18
NVNT	ax20	5240	Ant1	5.421	5.439	99.67	0.01	0.18
NVNT	ax20	5180	Ant2	5.424	5.439	99.72	0.01	0.18
NVNT	ax20	5200	Ant2	5.421	5.439	99.67	0.01	0.18
NVNT	ax20	5240	Ant2	5.421	5.439	99.67	0.01	0.18
NVNT	ax40	5190	Ant1	3.984	4.002	99.55	0.02	0.25
NVNT	ax40	5230	Ant1	3.981	3.999	99.55	0.02	0.25
NVNT	ax40	5190	Ant2	3.984	4.002	99.55	0.02	0.25
NVNT	ax40	5230	Ant2	3.984	4.002	99.55	0.02	0.25

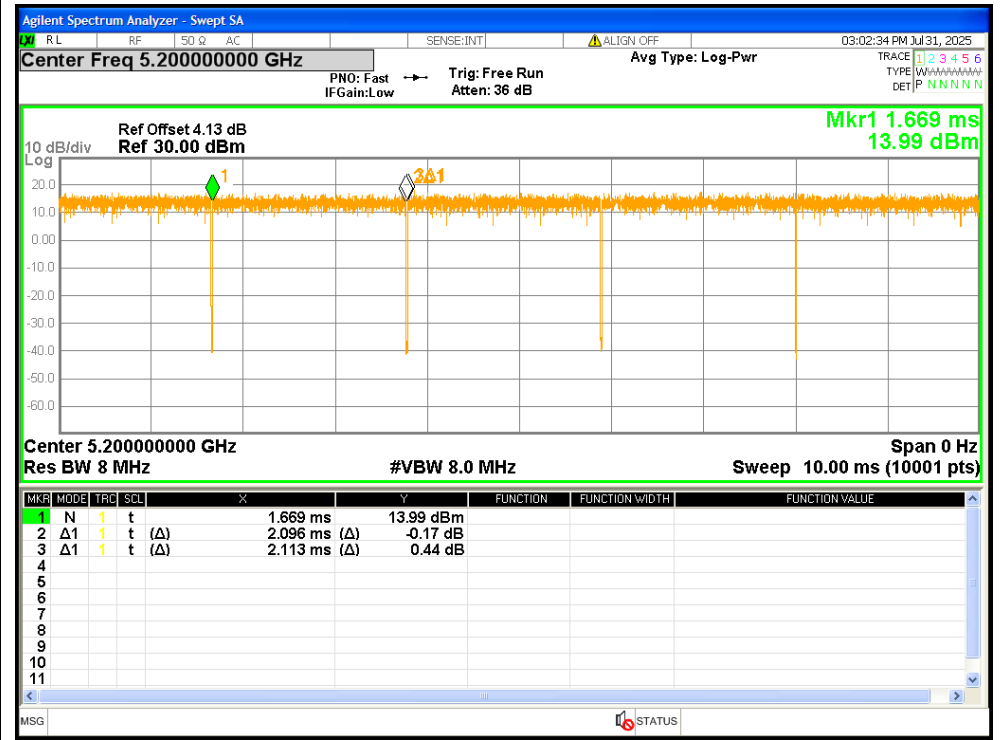
NVNT	ax80	5210	Ant1	2.841	2.856	99.47	0.02	0.35
NVNT	ax80	5210	Ant2	2.841	2.856	99.47	0.02	0.35
NVNT	ax160	5250	Ant1	2.298	2.316	99.22	0.03	0.44
NVNT	ax160	5250	Ant2	2.298	2.313	99.35	0.03	0.44

Test Graphs

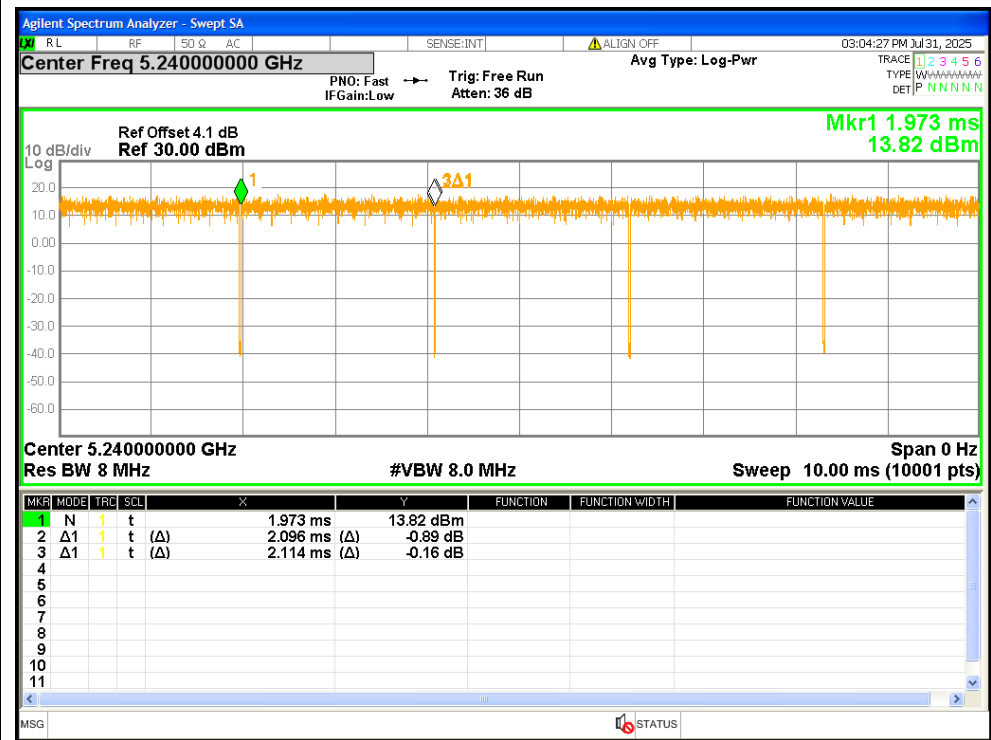
Duty Cycle NVNT a 5180MHz Ant1



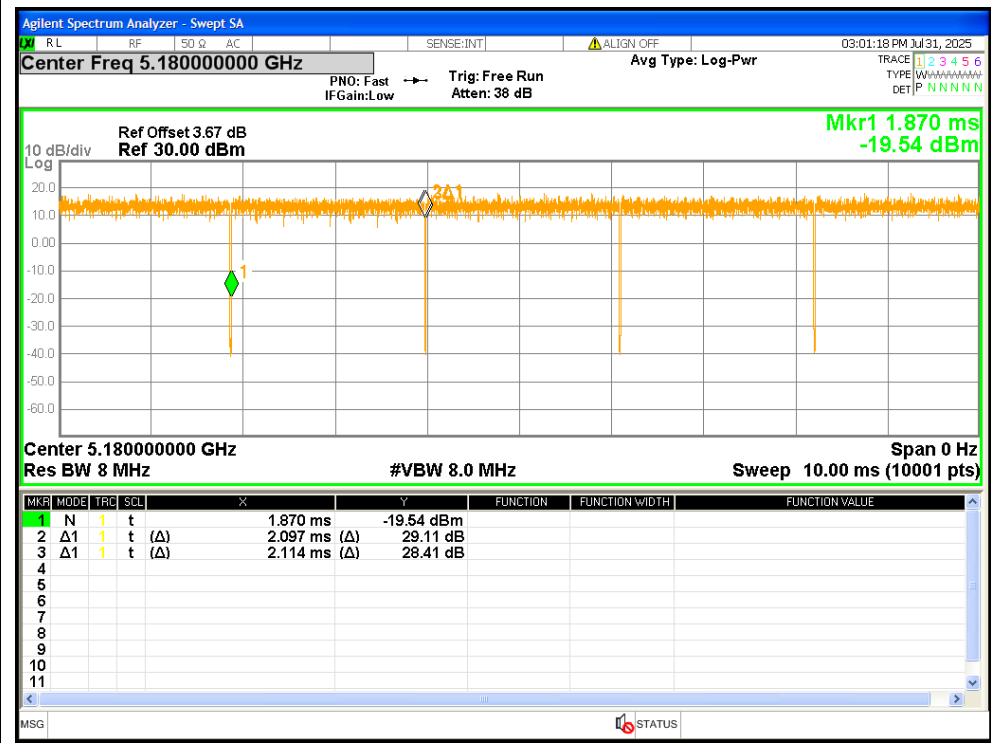
Duty Cycle NVNT a 5200MHz Ant1



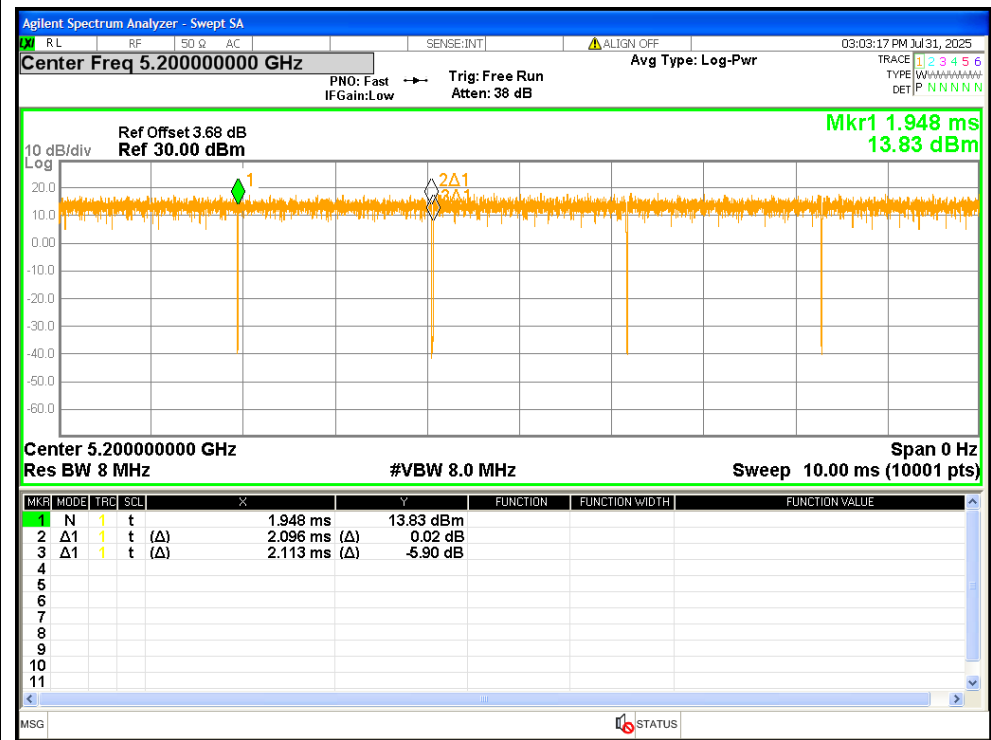
Duty Cycle NVNT a 5240MHz Ant1



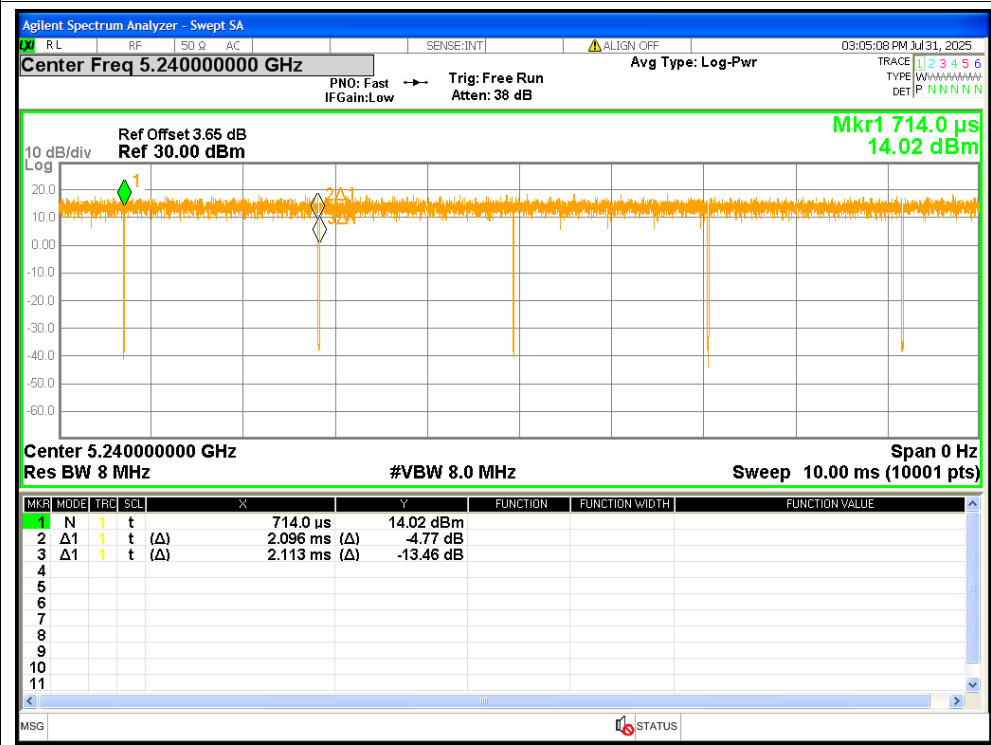
Duty Cycle NVNT a 5180MHz Ant2

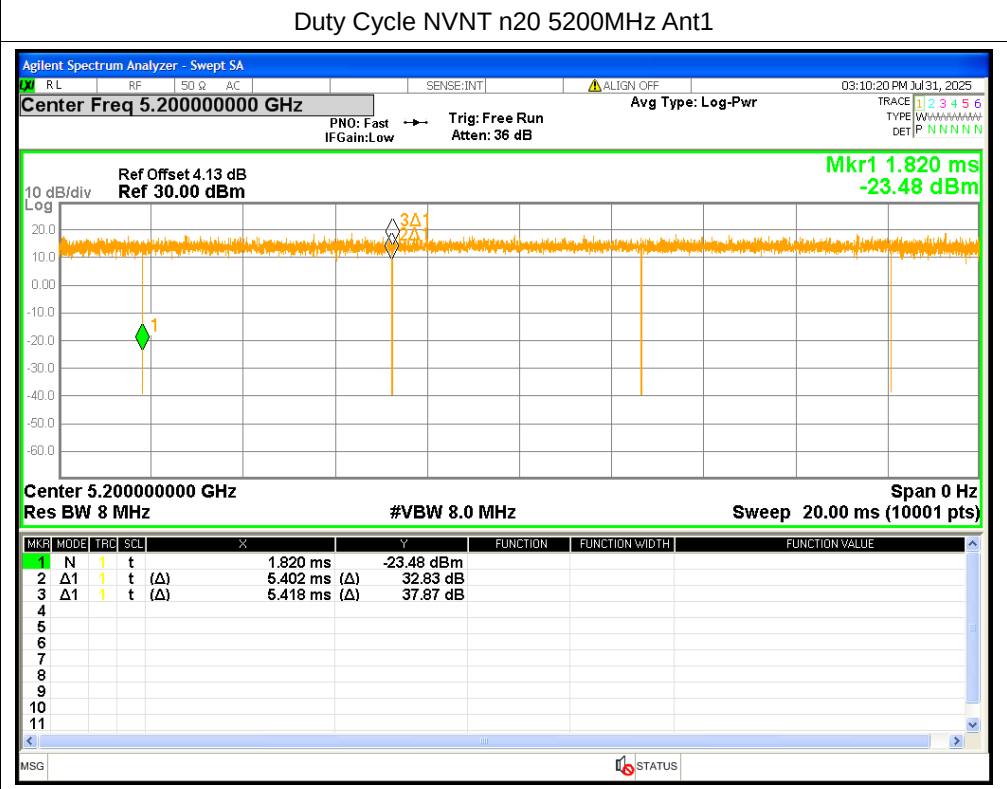
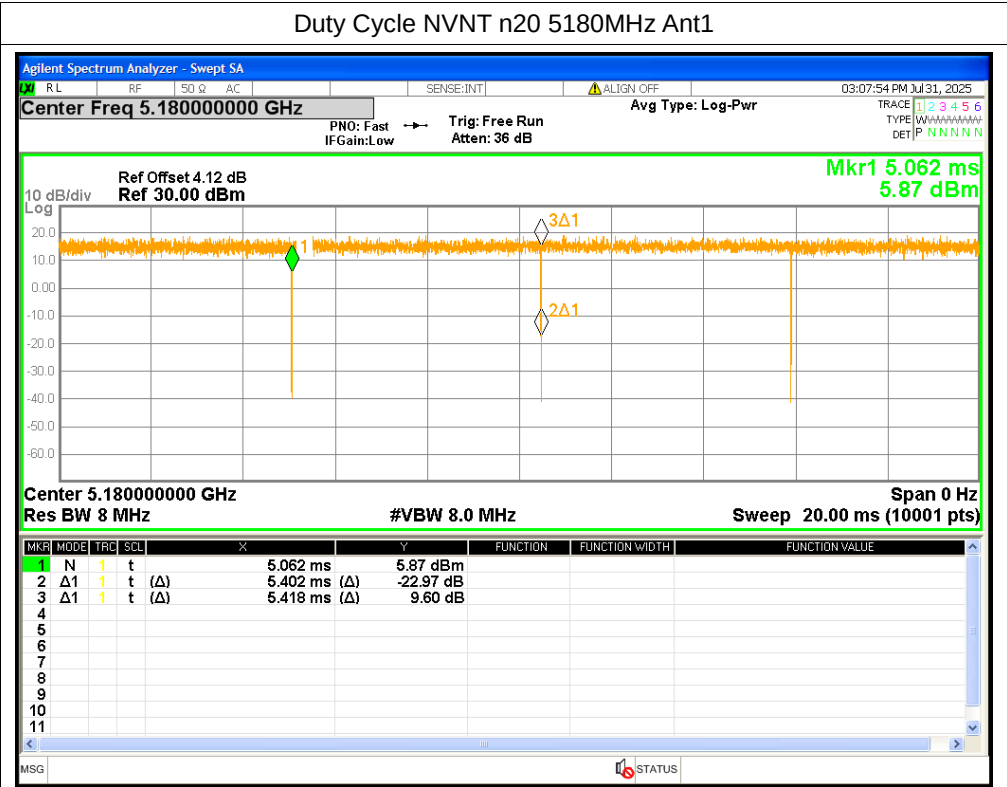


Duty Cycle NVNT a 5200MHz Ant2

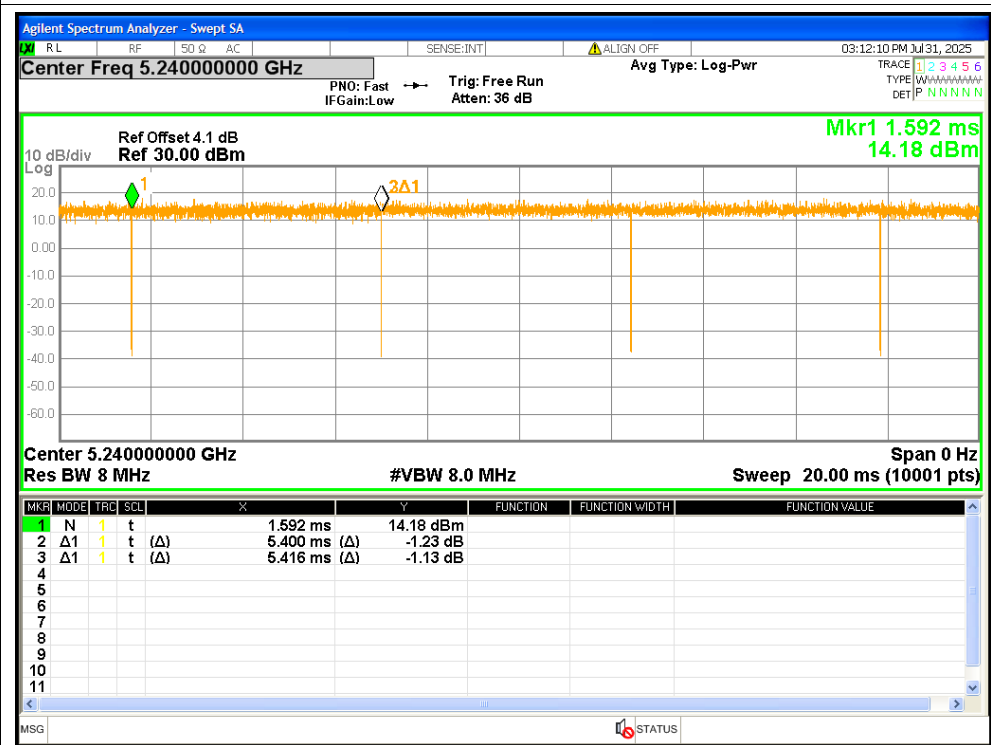


Duty Cycle NVNT a 5240MHz Ant2

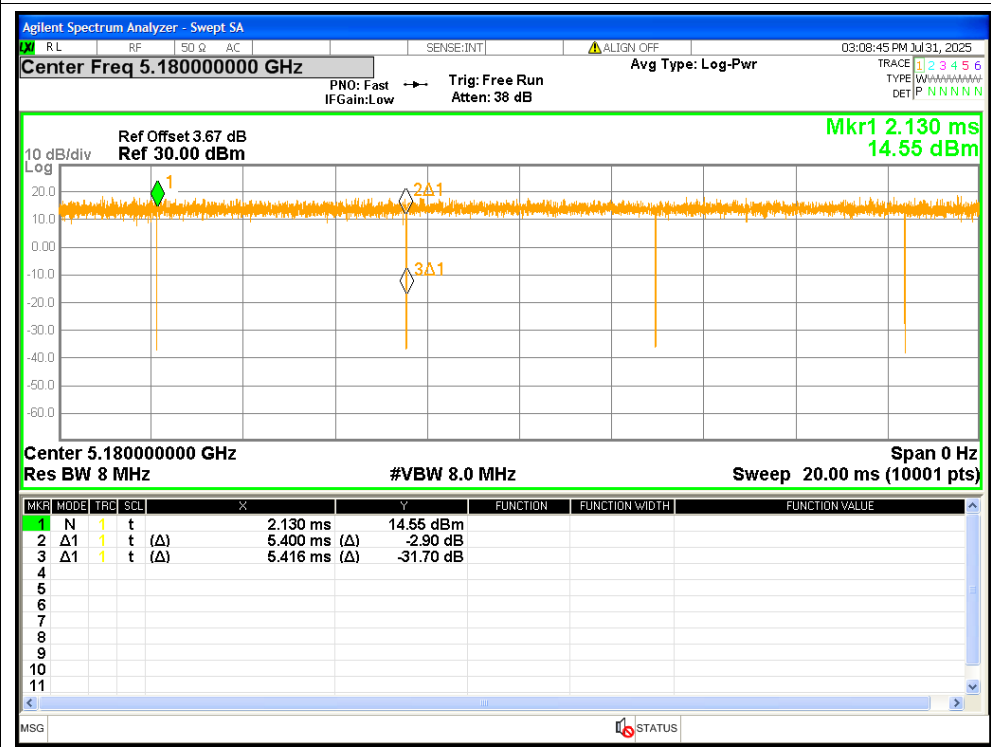




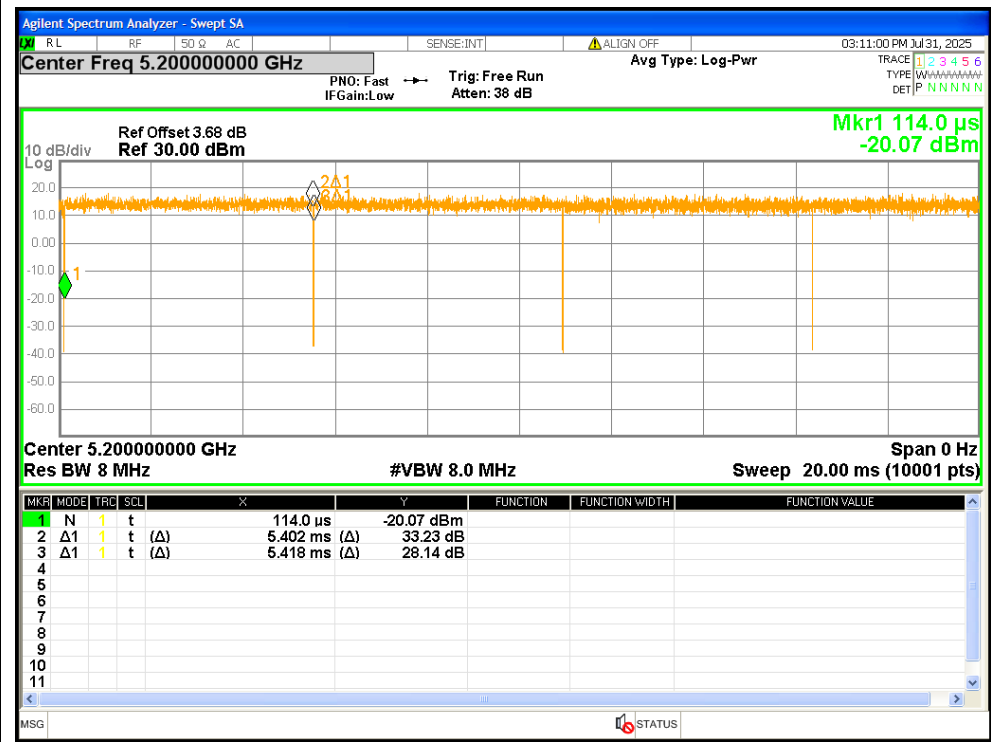
Duty Cycle NVNT n20 5240MHz Ant1



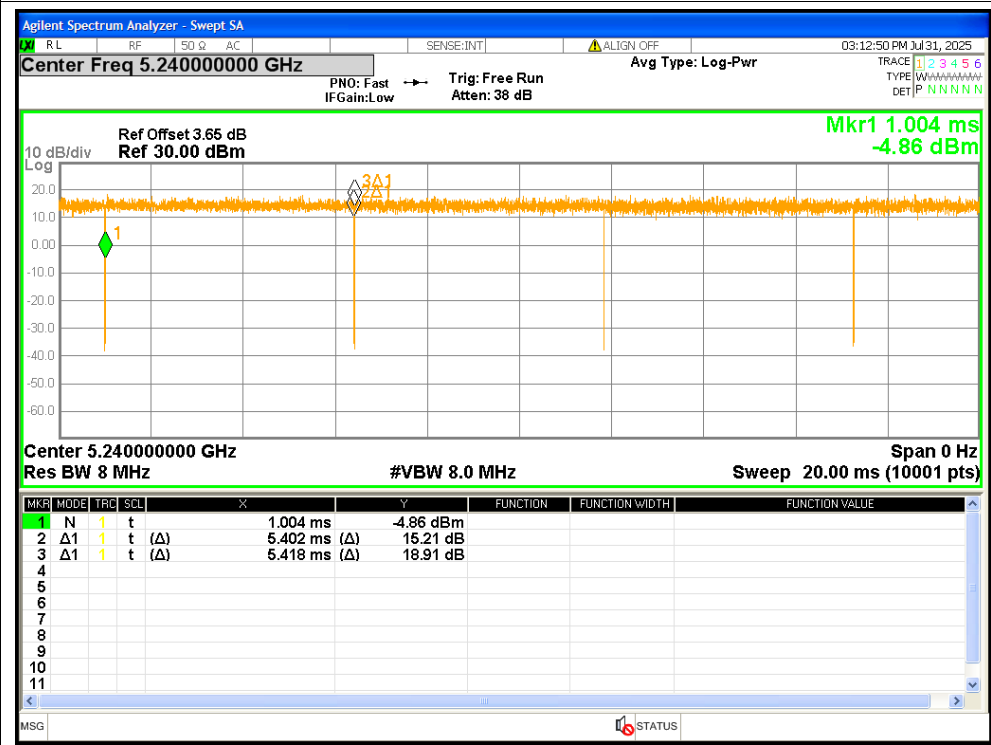
Duty Cycle NVNT n20 5180MHz Ant2



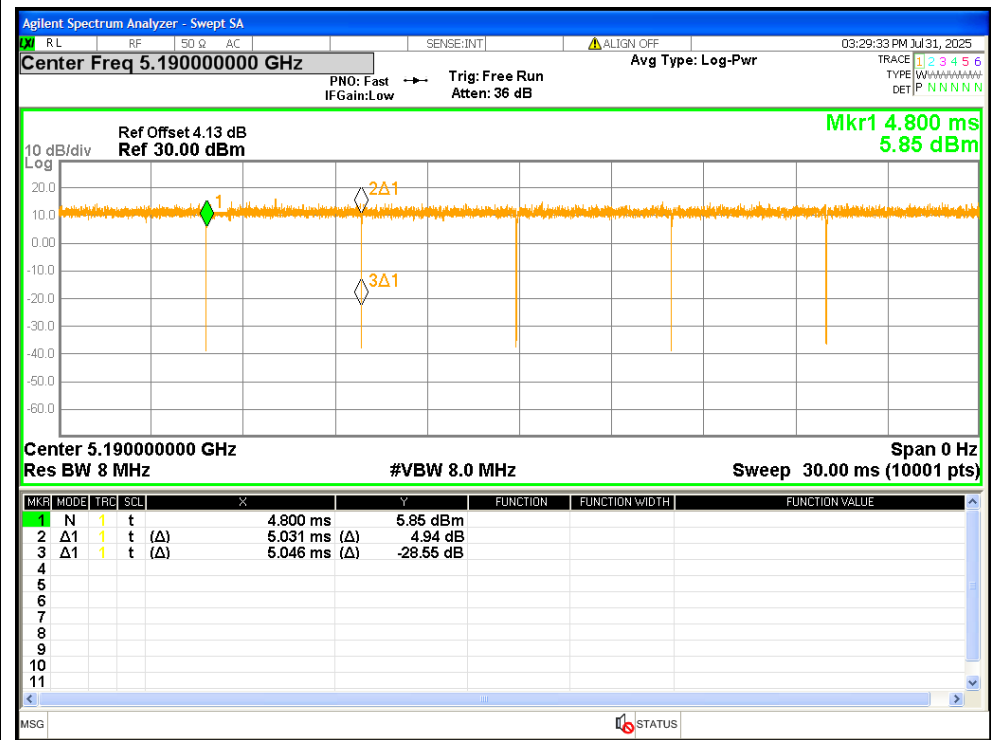
Duty Cycle NVNT n20 5200MHz Ant2



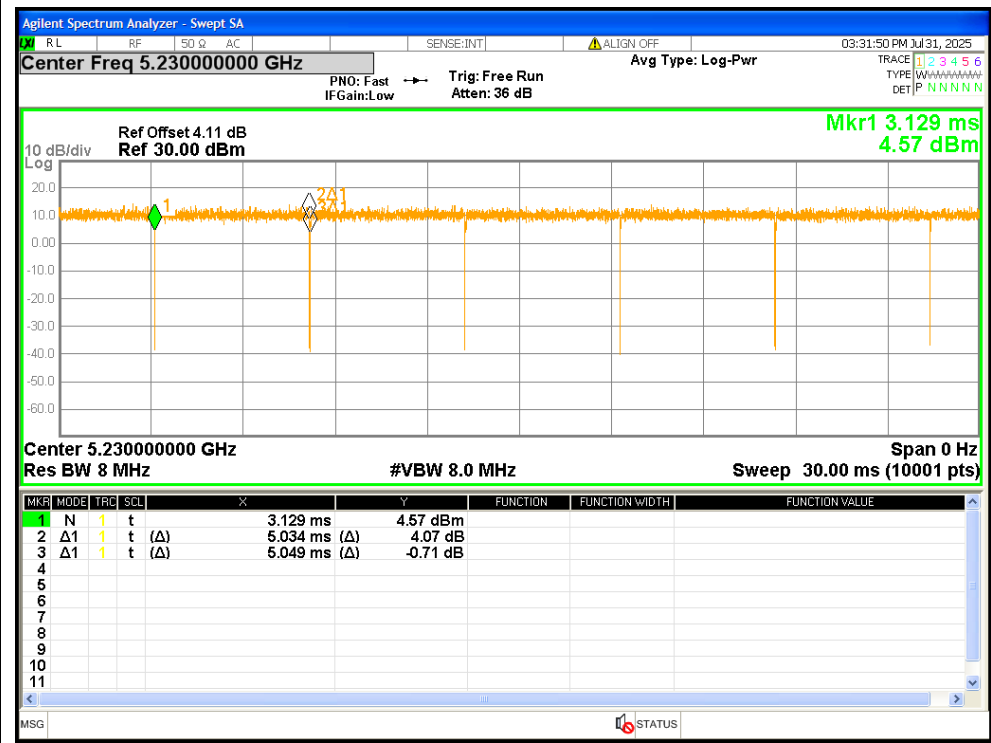
Duty Cycle NVNT n20 5240MHz Ant2



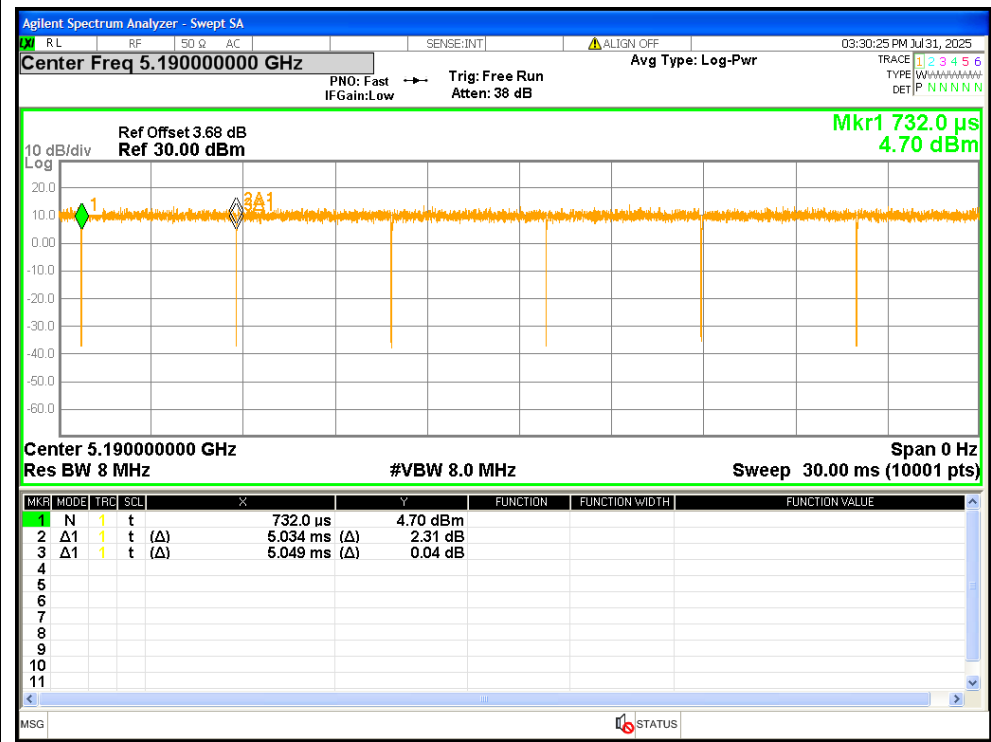
Duty Cycle NVNT n40 5190MHz Ant1



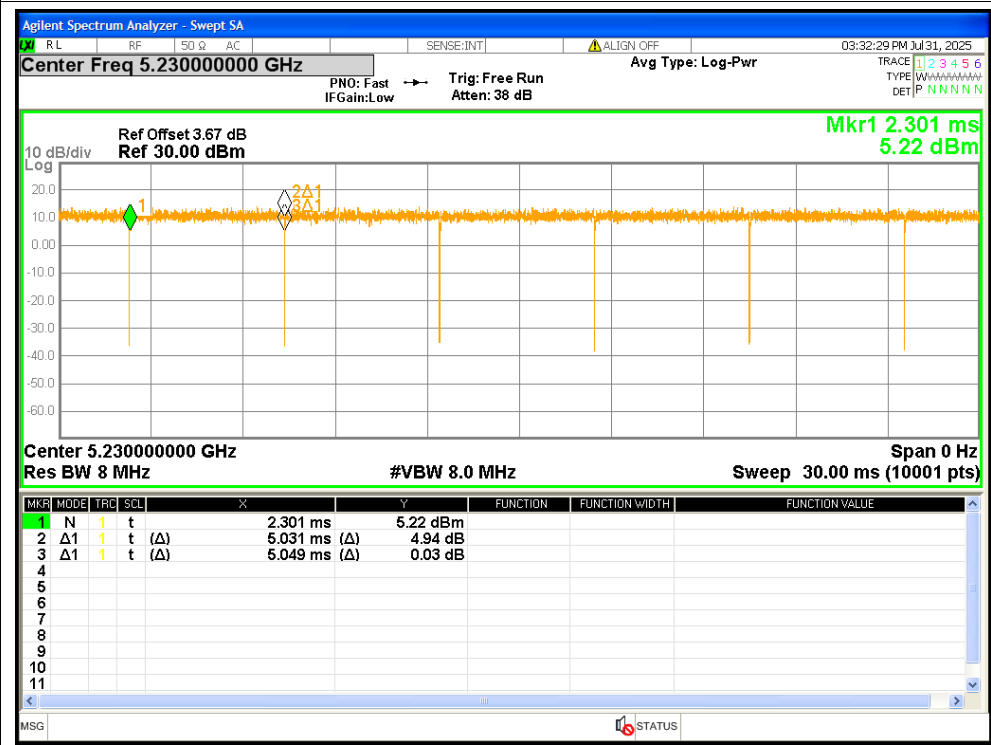
Duty Cycle NVNT n40 5230MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant2



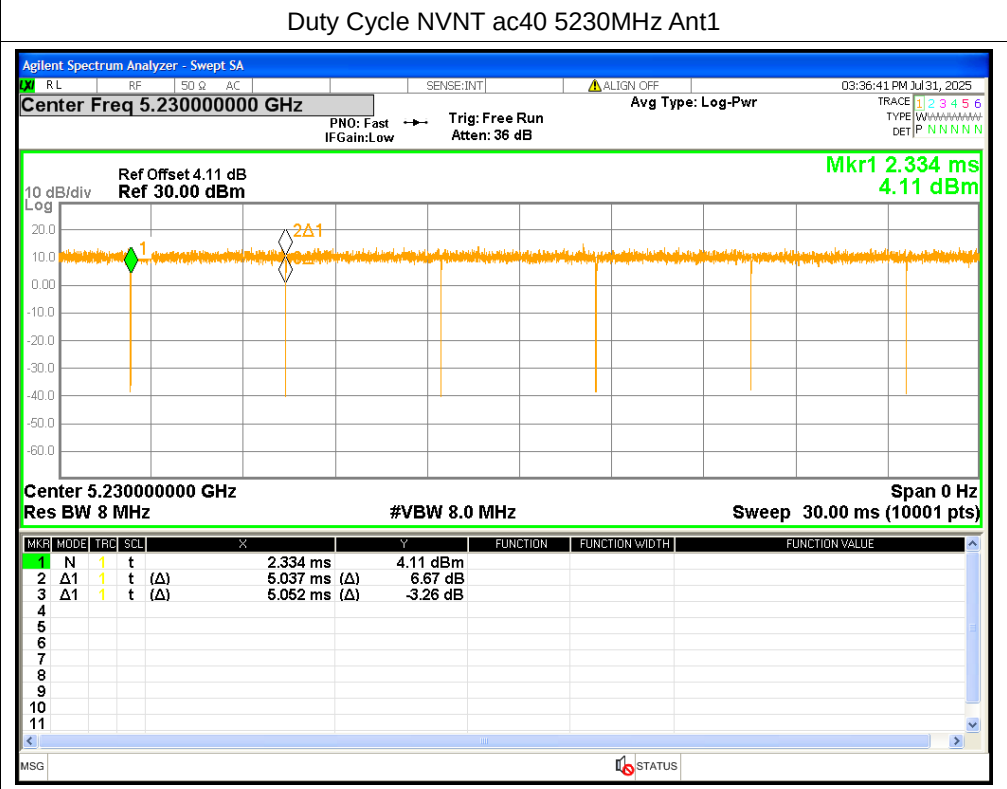
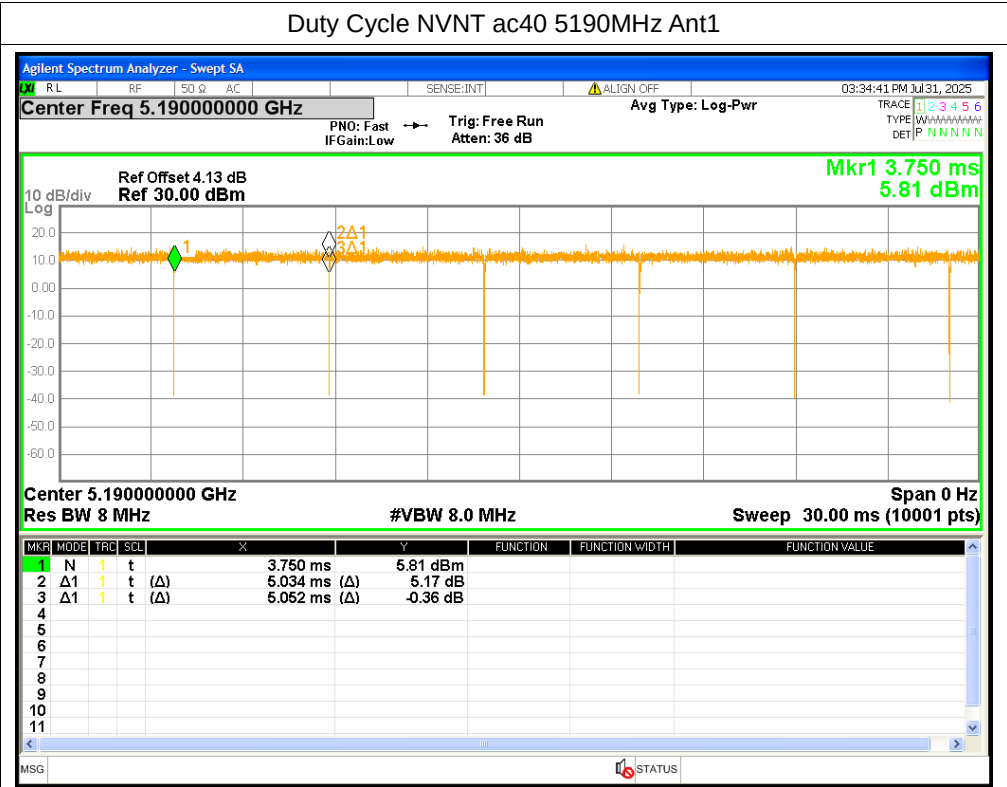
Duty Cycle NVNT n40 5230MHz Ant2



Duty Cycle NVNT ac20 5180MHz Ant1

Duty Cycle NVNT ac20 5240MHz Ant1

Duty Cycle NVNT ac20 5200MHz Ant2



Duty Cycle NVNT ac40 5190MHz Ant2

Duty Cycle NVNT ac80 5210MHz Ant1

Duty Cycle NVNT ac160 5250MHz Ant1

Duty Cycle NVNT ax20 5180MHz Ant1

Duty Cycle NVNT ax20 5240MHz Ant1

Duty Cycle NVNT ax20 5200MHz Ant2

Duty Cycle NVNT ax40 5190MHz Ant1

Duty Cycle NVNT ax40 5190MHz Ant2

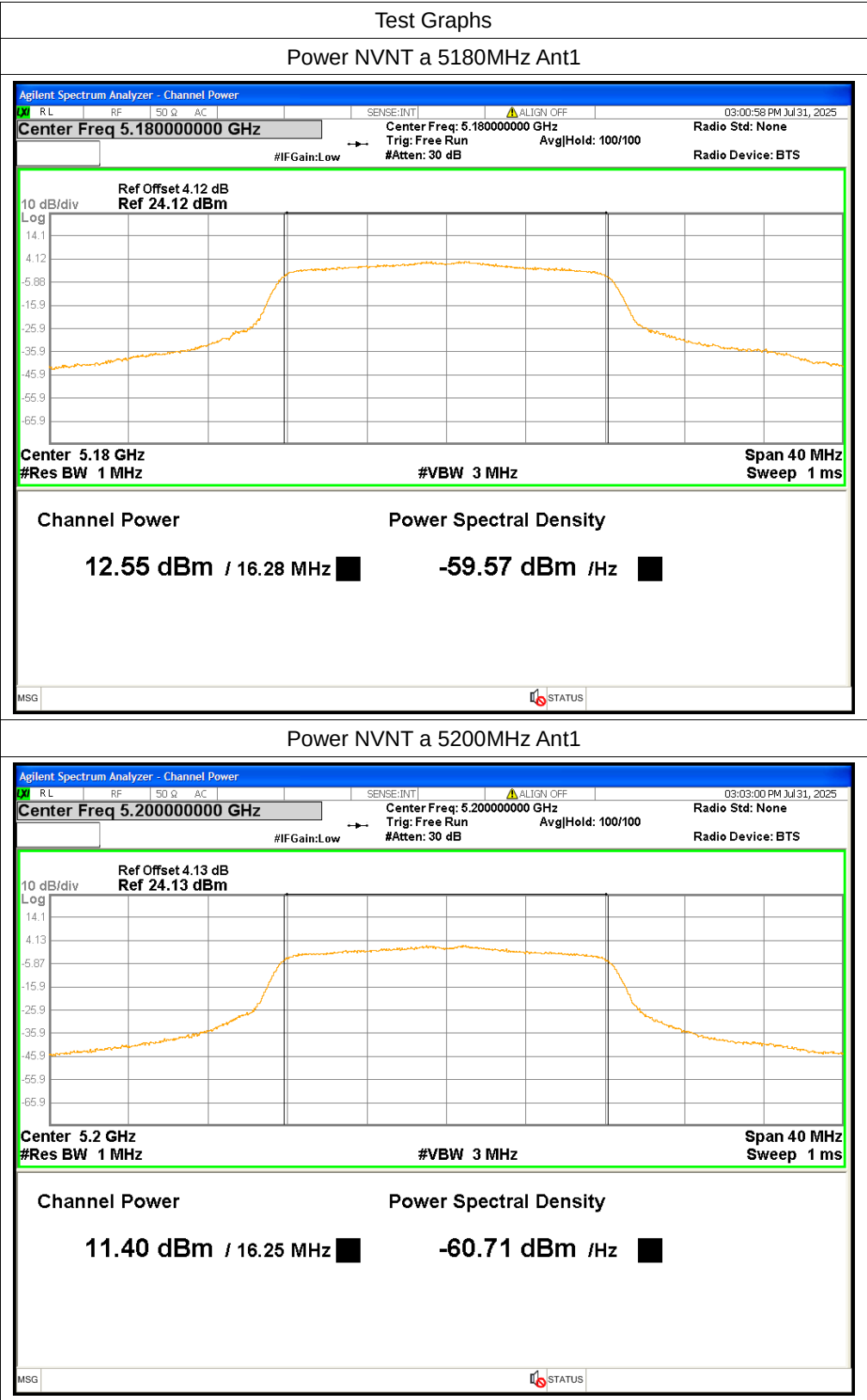
Duty Cycle NVNT ax80 5210MHz Ant1

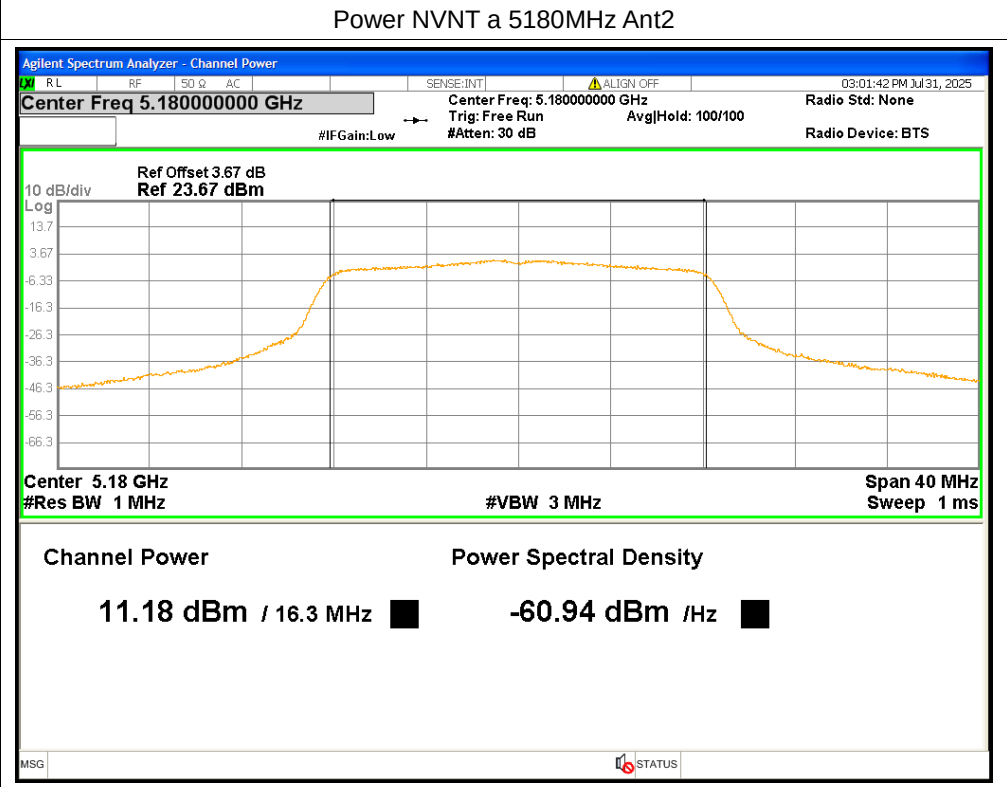
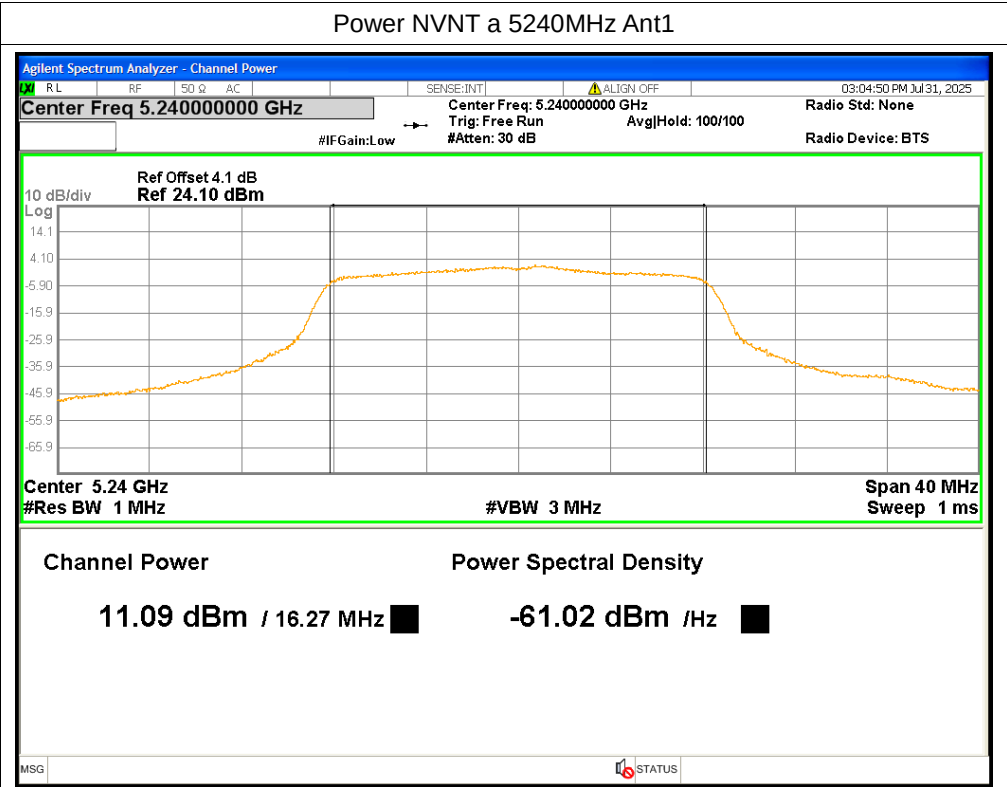
Duty Cycle NVNT ax160 5250MHz Ant1

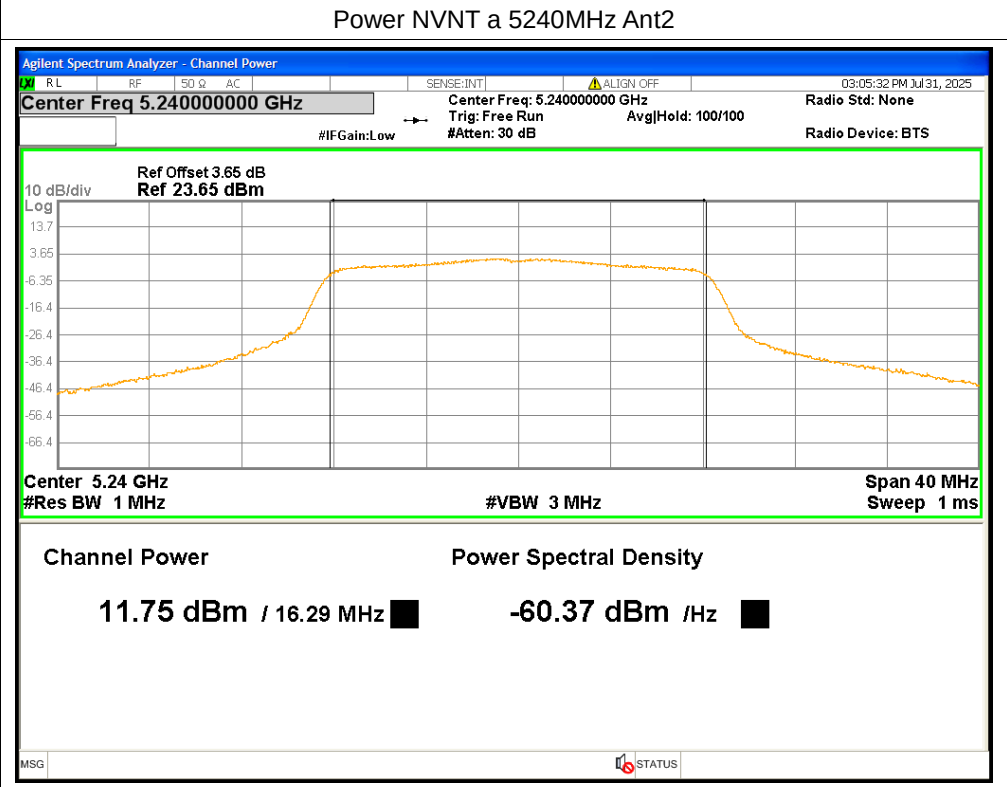
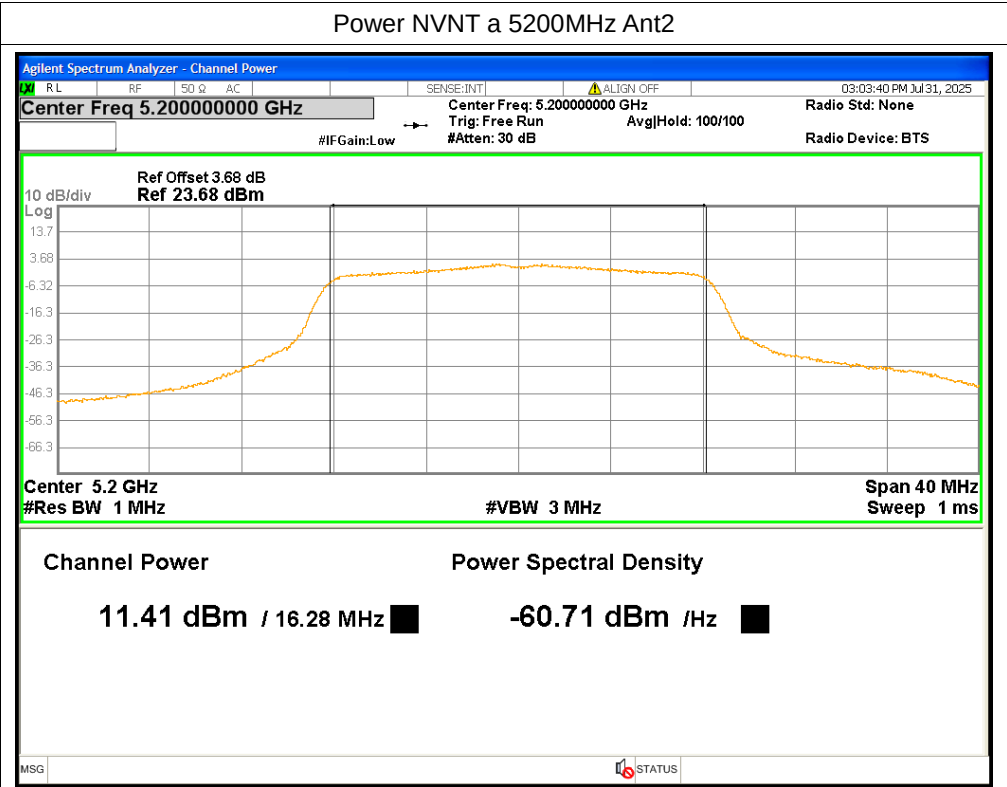
Maximum Output Power

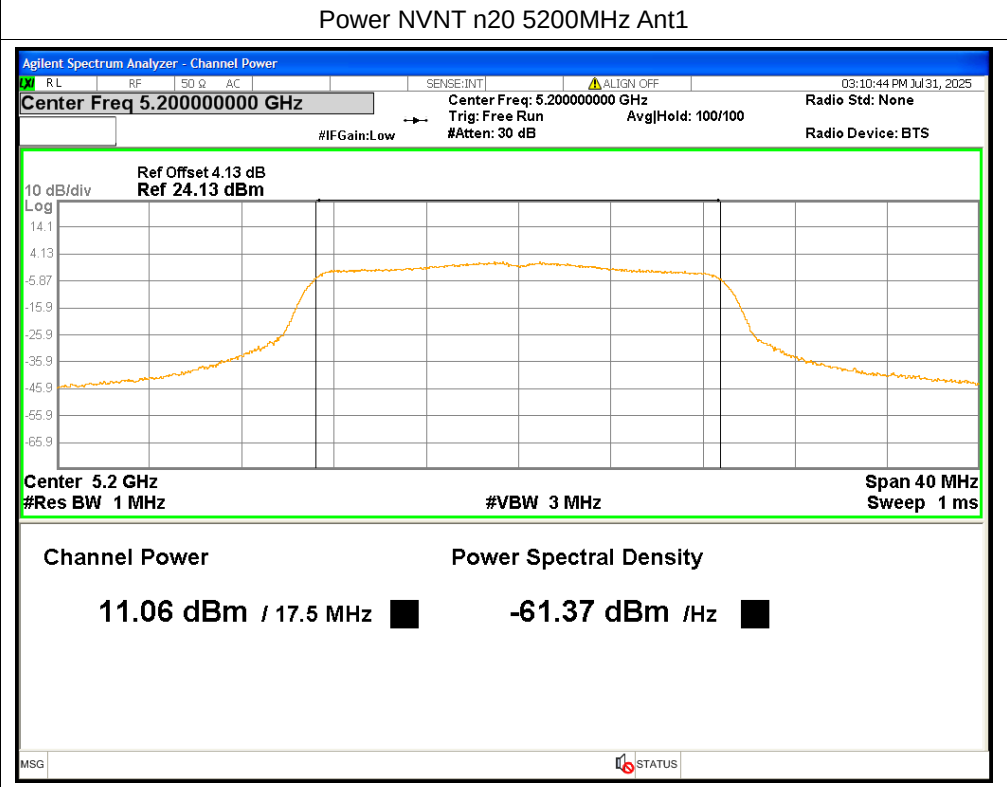
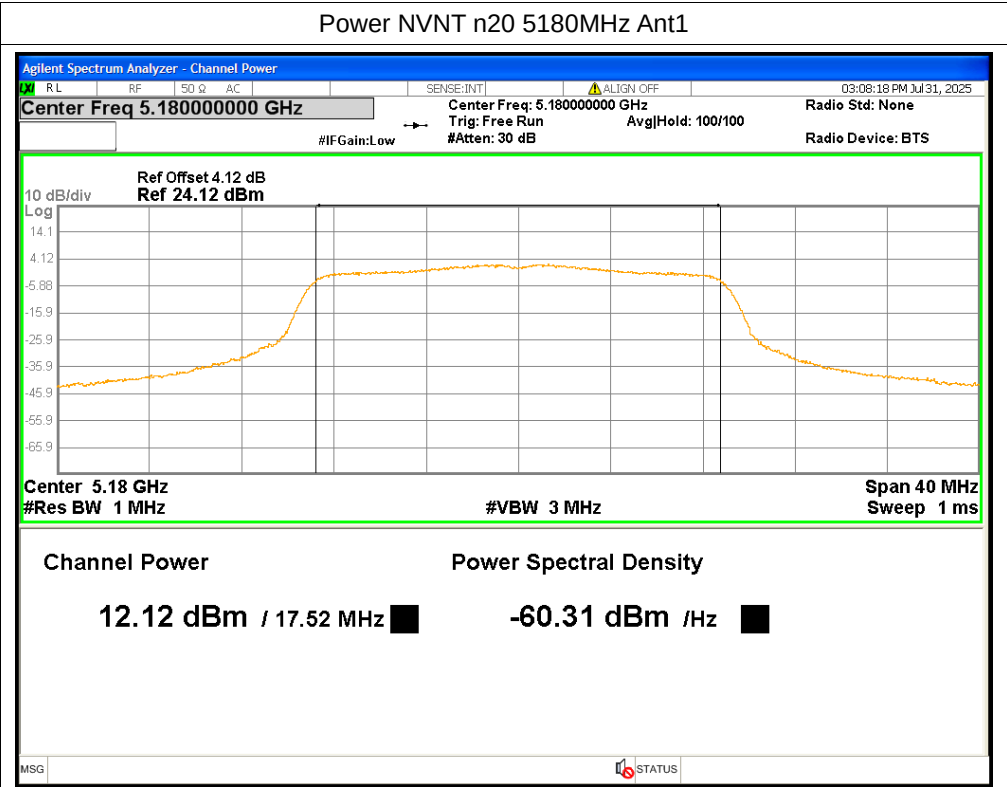
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	12.55	12.55	<=24	Pass
NVNT	a	5200	Ant1	11.4	11.4	<=24	Pass
NVNT	a	5240	Ant1	11.09	11.09	<=24	Pass
NVNT	a	5180	Ant2	11.18	11.18	<=24	Pass
NVNT	a	5200	Ant2	11.41	11.41	<=24	Pass
NVNT	a	5240	Ant2	11.75	11.75	<=24	Pass
NVNT	n20	5180	Ant1	12.12	12.12	<=24	Pass
NVNT	n20	5200	Ant1	11.06	11.06	<=24	Pass
NVNT	n20	5240	Ant1	10.79	10.79	<=24	Pass
NVNT	n20	5180	Ant2	10.88	10.88	<=24	Pass
NVNT	n20	5200	Ant2	11.07	11.07	<=24	Pass
NVNT	n20	5240	Ant2	11.4	11.4	<=24	Pass
NVNT	n20	5180	MIMO	-	14.55	<=24	Pass
NVNT	n20	5200	MIMO	-	14.08	<=24	Pass
NVNT	n20	5240	MIMO	-	14.12	<=24	Pass
NVNT	n40	5190	Ant1	10.66	10.66	<=24	Pass
NVNT	n40	5230	Ant1	9.57	9.57	<=24	Pass
NVNT	n40	5190	Ant2	9.6	9.6	<=24	Pass
NVNT	n40	5230	Ant2	10.19	10.19	<=24	Pass
NVNT	n40	5190	MIMO	-	13.17	<=24	Pass
NVNT	n40	5230	MIMO	-	12.90	<=24	Pass
NVNT	ac20	5180	Ant1	12.12	12.12	<=24	Pass
NVNT	ac20	5200	Ant1	11.04	11.04	<=24	Pass
NVNT	ac20	5240	Ant1	10.74	10.74	<=24	Pass
NVNT	ac20	5180	Ant2	10.82	10.82	<=24	Pass
NVNT	ac20	5200	Ant2	11.04	11.04	<=24	Pass
NVNT	ac20	5240	Ant2	11.37	11.37	<=24	Pass
NVNT	ac20	5180	MIMO	-	14.53	<=24	Pass
NVNT	ac20	5200	MIMO	-	14.05	<=24	Pass
NVNT	ac20	5240	MIMO	-	14.08	<=24	Pass
NVNT	ac40	5190	Ant1	10.71	10.71	<=24	Pass
NVNT	ac40	5230	Ant1	9.59	9.59	<=24	Pass
NVNT	ac40	5190	Ant2	9.61	9.61	<=24	Pass
NVNT	ac40	5230	Ant2	10.2	10.2	<=24	Pass
NVNT	ac40	5190	MIMO	-	13.21	<=24	Pass
NVNT	ac40	5230	MIMO	-	12.92	<=24	Pass
NVNT	ac80	5210	Ant1	8.58	8.58	<=24	Pass

NVNT	ac80	5210	Ant2	8.88	8.88	<=24	Pass
NVNT	ac80	5210	MIMO	-	11.74	<=24	Pass
NVNT	ac160	5250	Ant1	7.32	7.32	<=24	Pass
NVNT	ac160	5250	Ant2	8.02	8.02	<=24	Pass
NVNT	ac160	5250	MIMO	-	10.69	<=24	Pass
NVNT	ax20	5180	Ant1	12.38	12.38	<=24	Pass
NVNT	ax20	5200	Ant1	11.28	11.28	<=24	Pass
NVNT	ax20	5240	Ant1	10.97	10.97	<=24	Pass
NVNT	ax20	5180	Ant2	11.09	11.09	<=24	Pass
NVNT	ax20	5200	Ant2	11.3	11.3	<=24	Pass
NVNT	ax20	5240	Ant2	11.61	11.61	<=24	Pass
NVNT	ax20	5180	MIMO	-	14.79	<=24	Pass
NVNT	ax20	5200	MIMO	-	14.30	<=24	Pass
NVNT	ax20	5240	MIMO	-	14.31	<=24	Pass
NVNT	ax40	5190	Ant1	10.38	10.38	<=24	Pass
NVNT	ax40	5230	Ant1	9.31	9.31	<=24	Pass
NVNT	ax40	5190	Ant2	9.35	9.35	<=24	Pass
NVNT	ax40	5230	Ant2	9.89	9.89	<=24	Pass
NVNT	ax40	5190	MIMO	-	12.91	<=24	Pass
NVNT	ax40	5230	MIMO	-	12.62	<=24	Pass
NVNT	ax80	5210	Ant1	8.52	8.52	<=24	Pass
NVNT	ax80	5210	Ant2	8.86	8.86	<=24	Pass
NVNT	ax80	5210	MIMO	-	11.70	<=24	Pass
NVNT	ax160	5250	Ant1	7.32	7.32	<=24	Pass
NVNT	ax160	5250	Ant2	8.04	8.04	<=24	Pass
NVNT	ax160	5250	MIMO	-	10.71	<=24	Pass

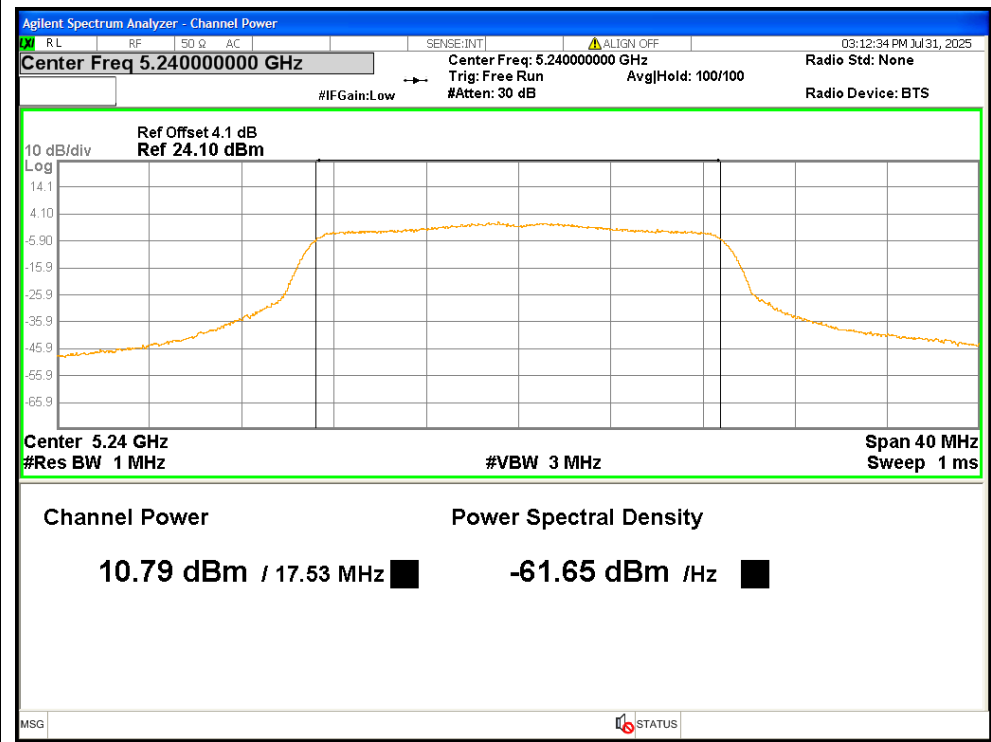




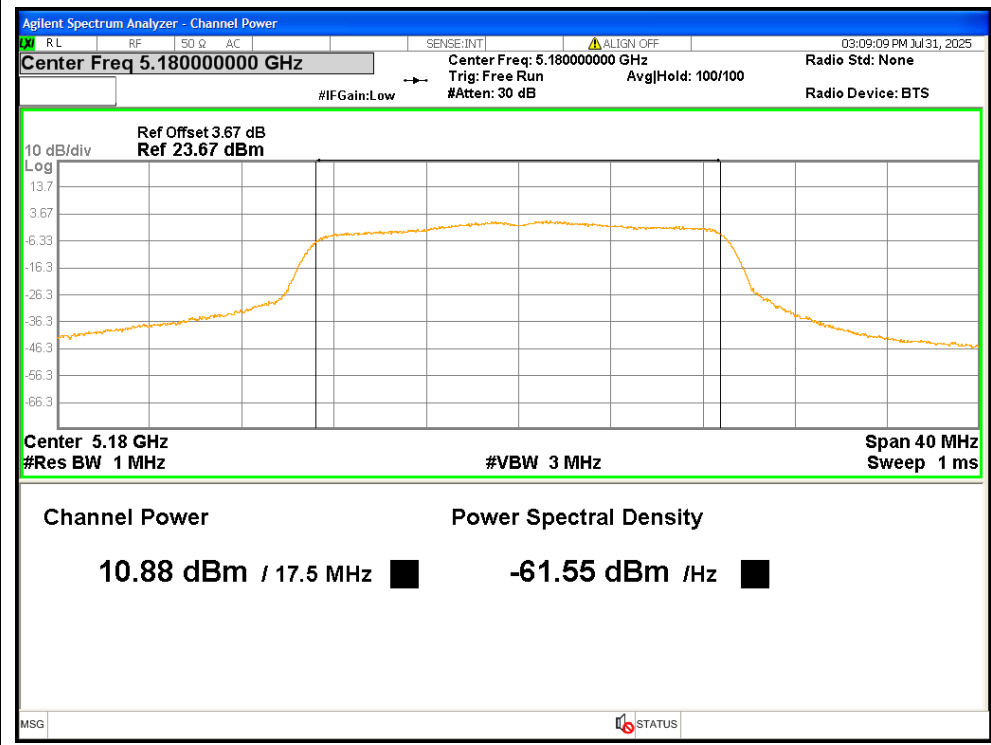


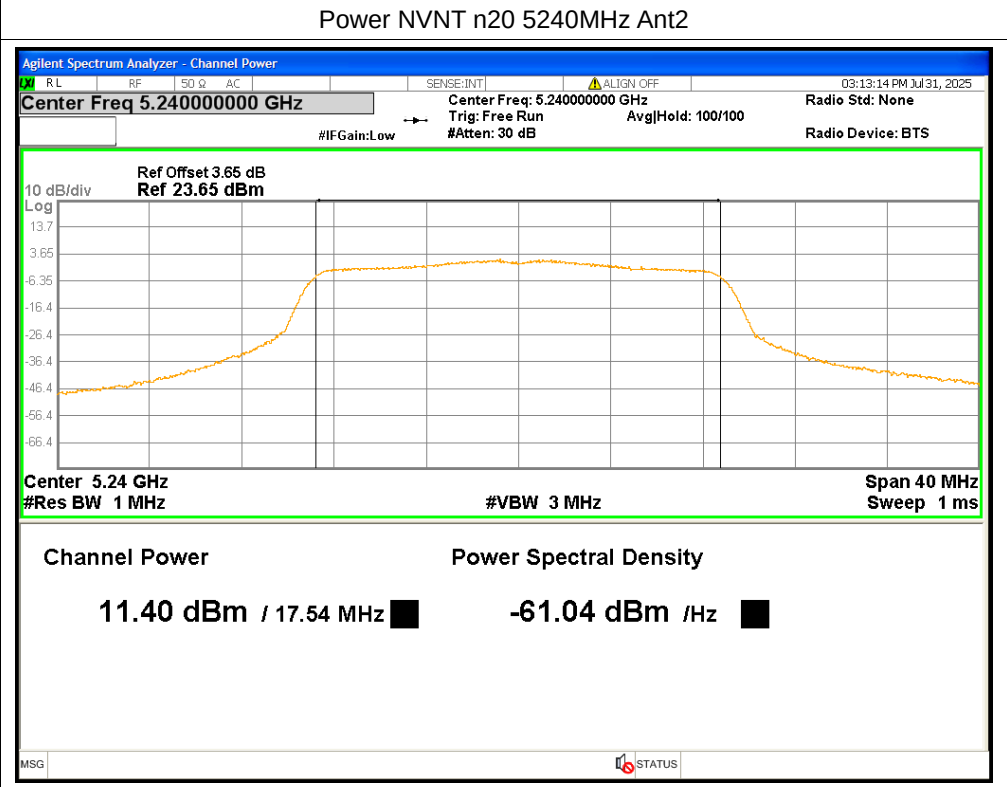
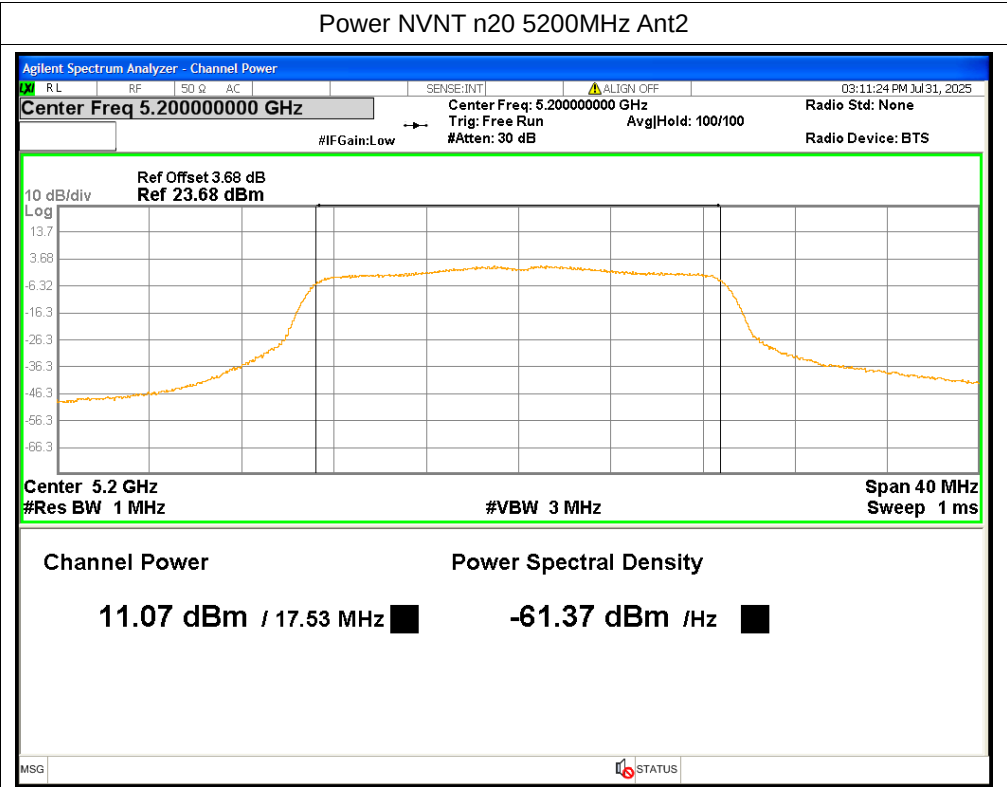


Power NVNT n20 5240MHz Ant1

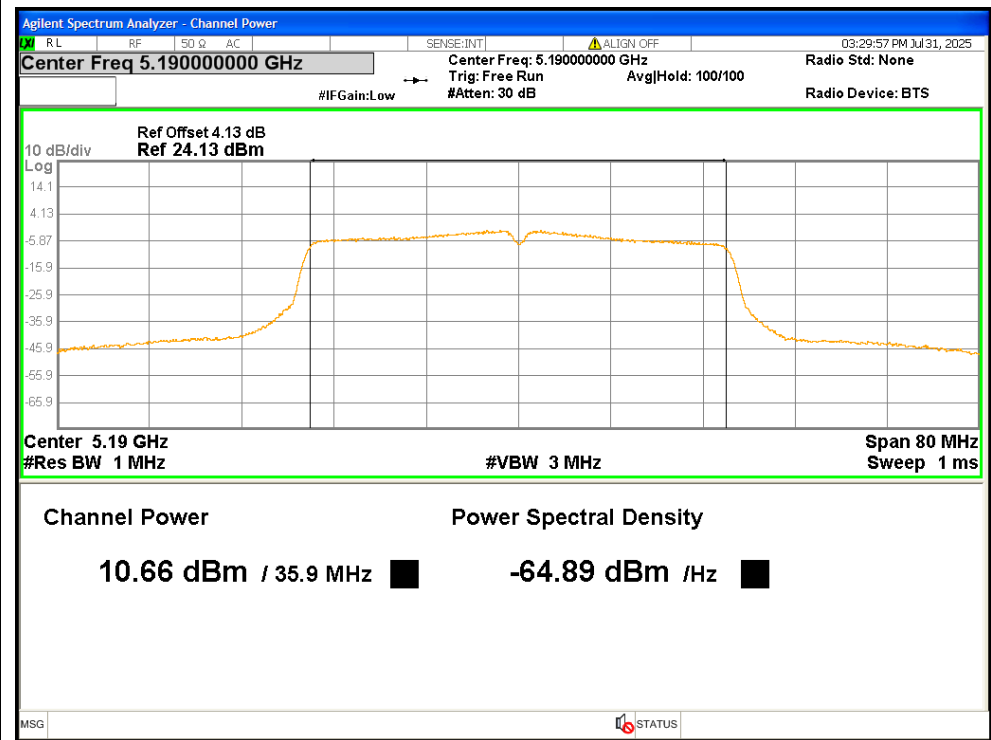


Power NVNT n20 5180MHz Ant2

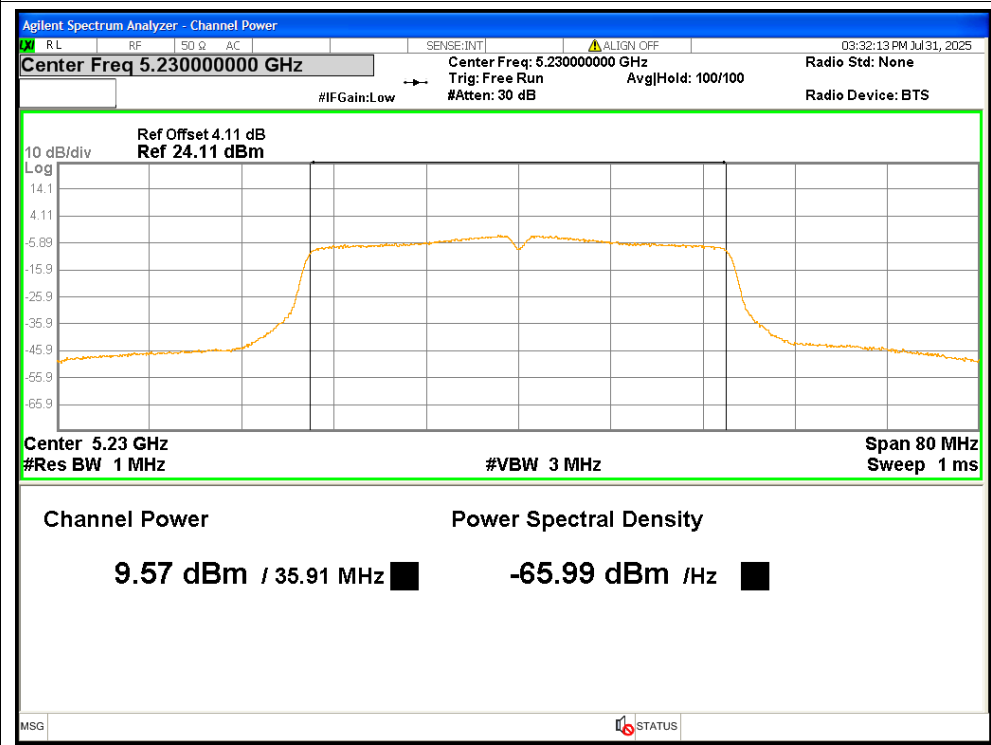




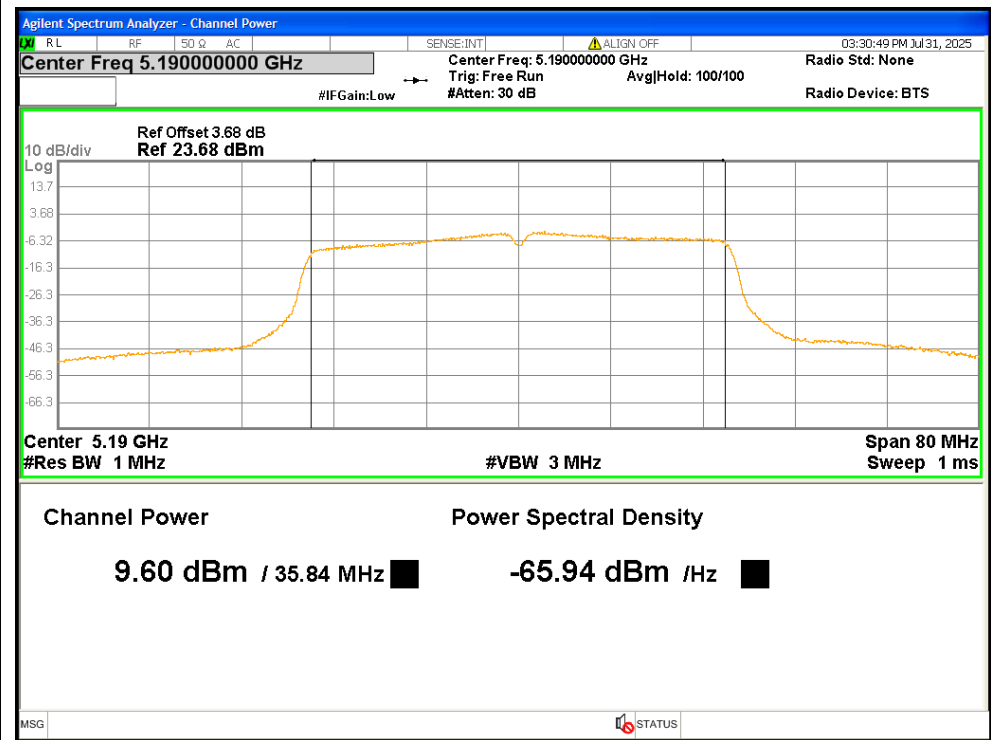
Power NVNT n40 5190MHz Ant1



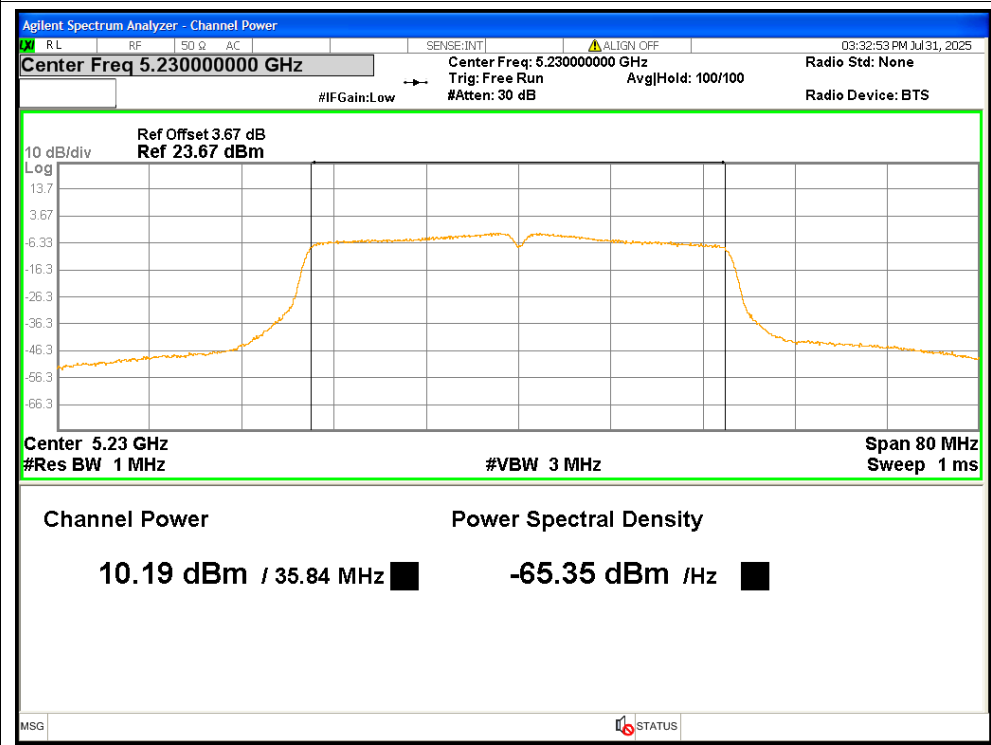
Power NVNT n40 5230MHz Ant1

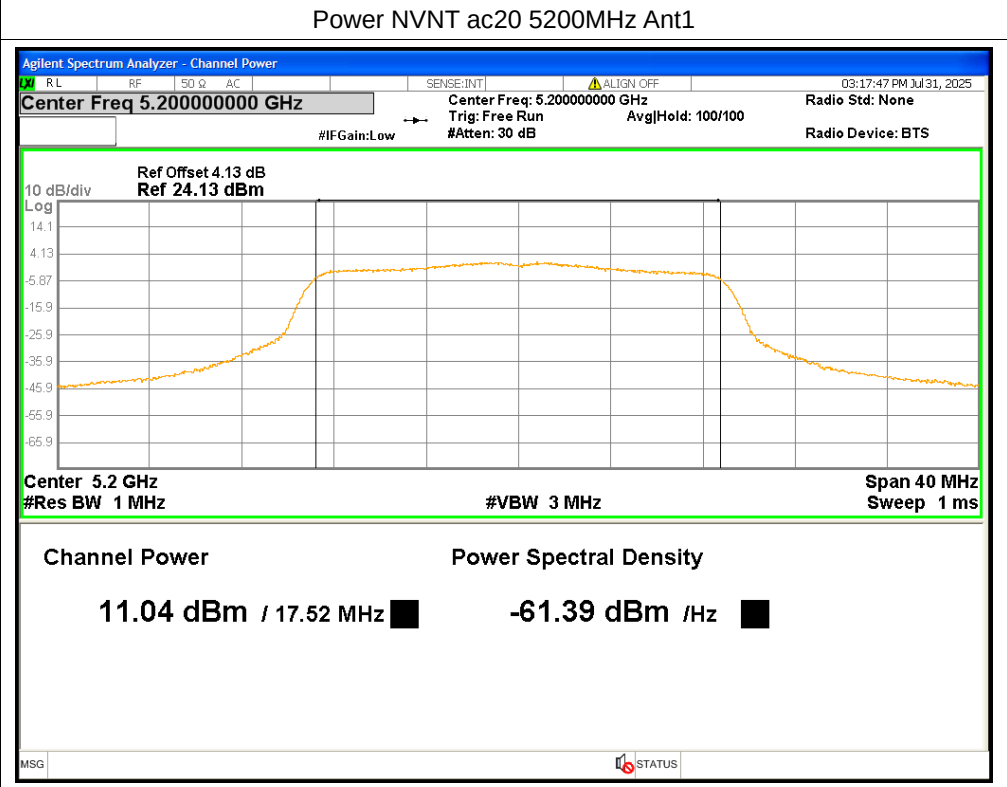
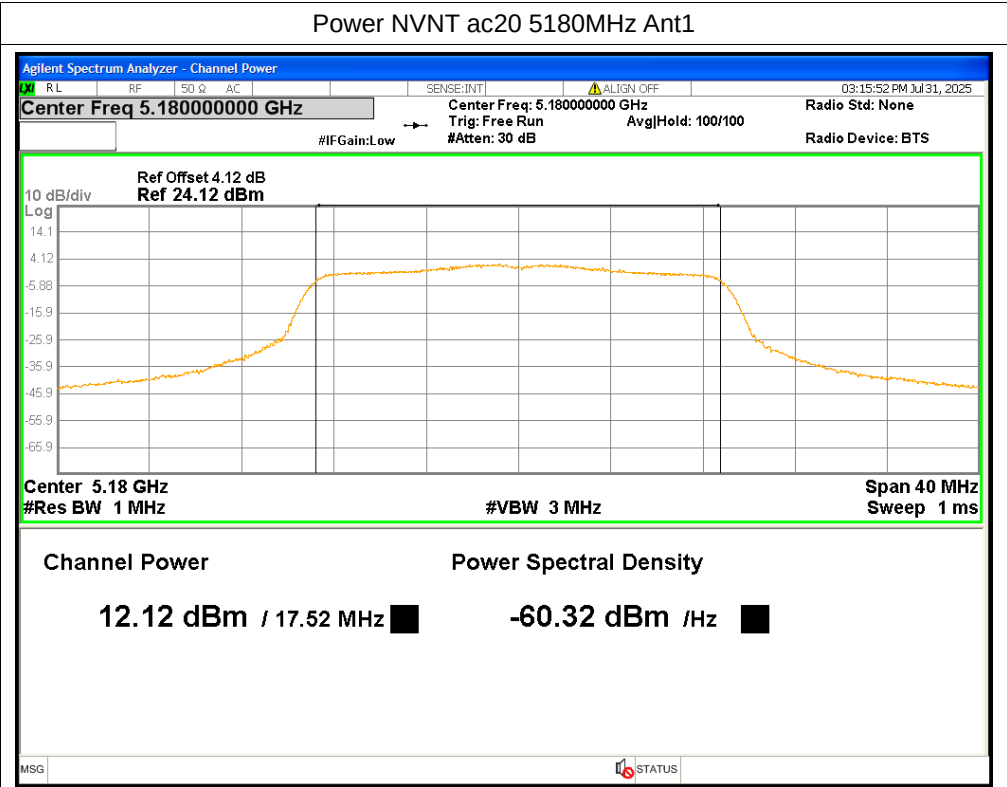


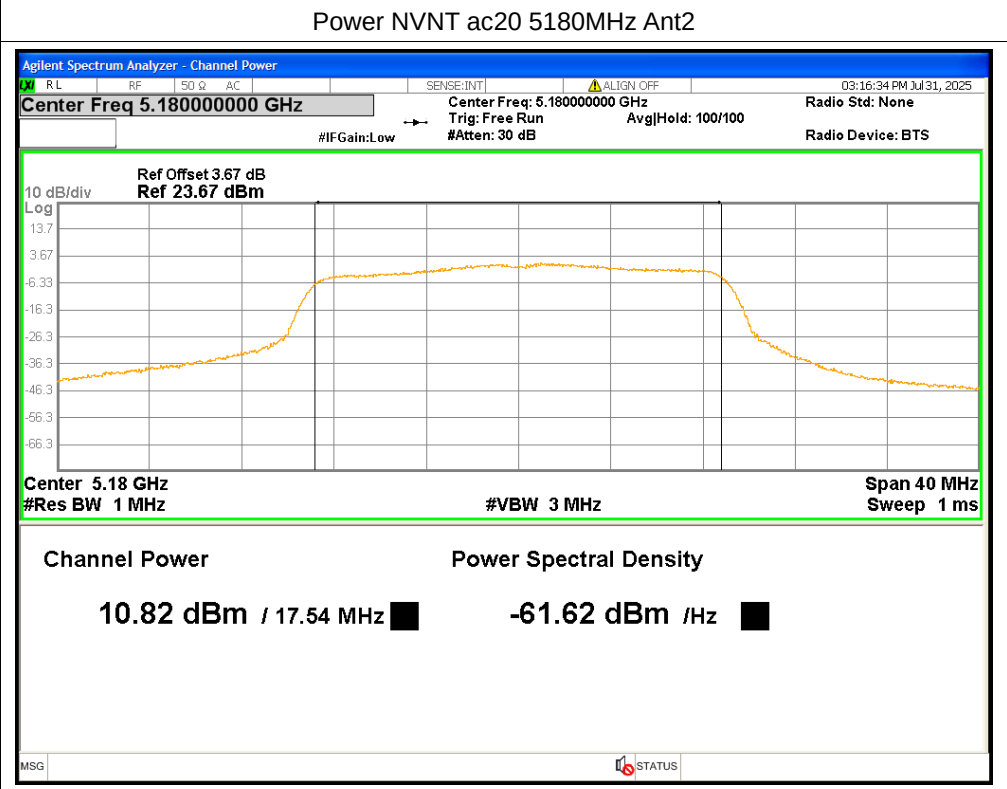
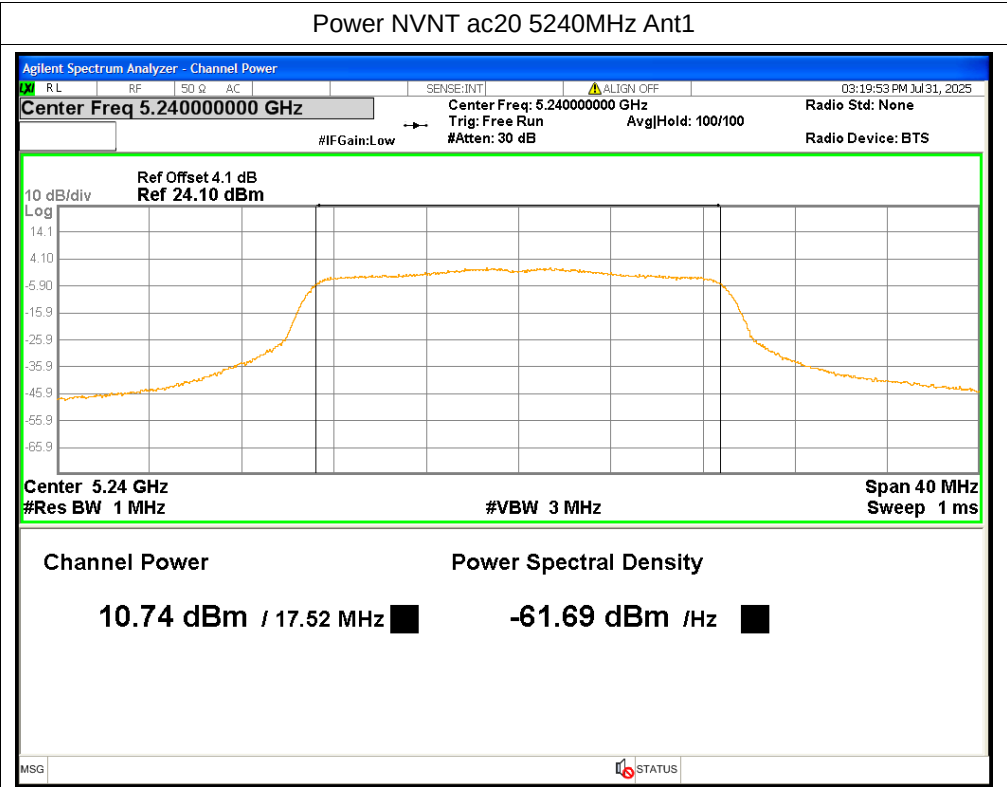
Power NVNT n40 5190MHz Ant2

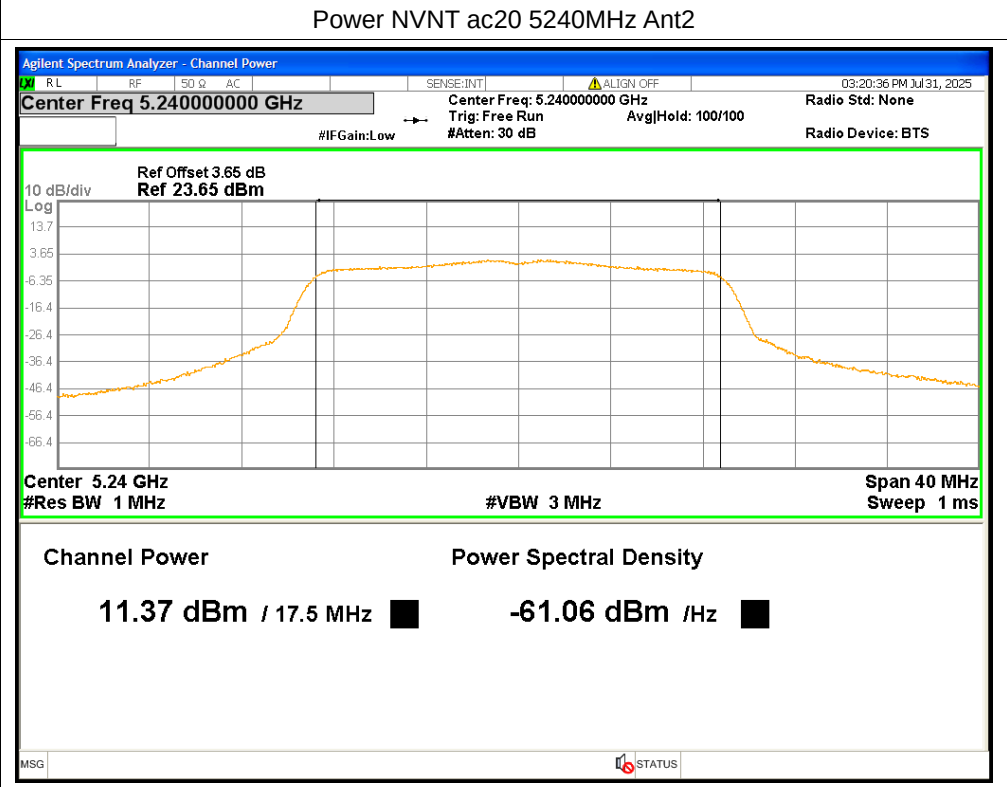
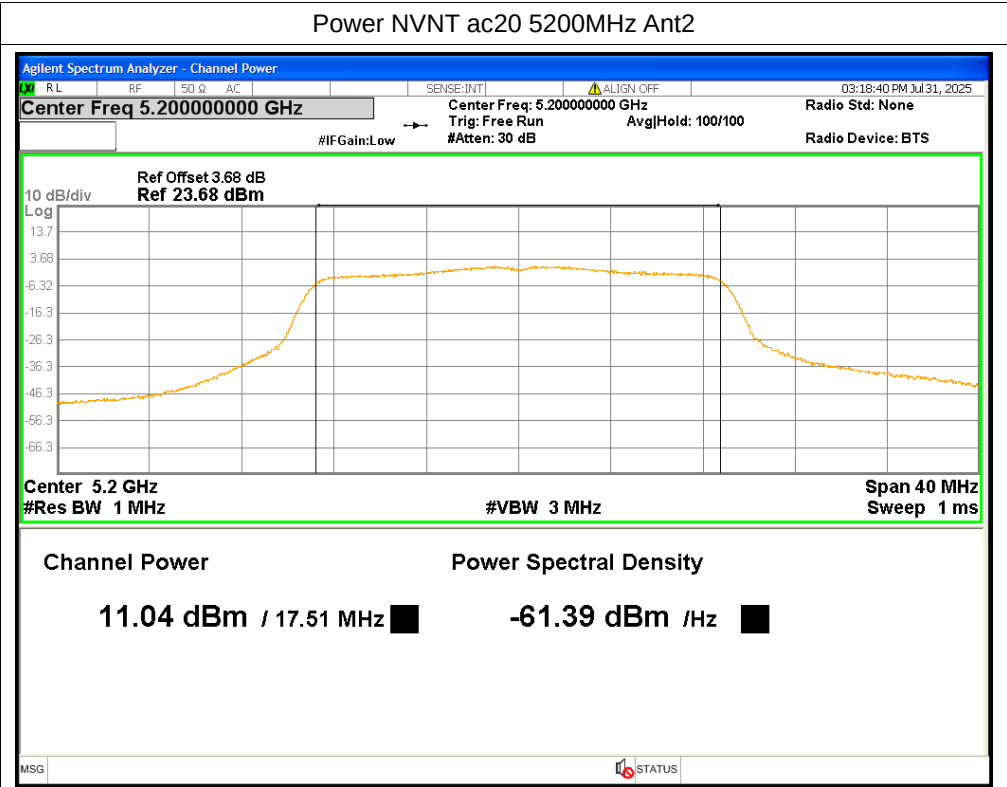


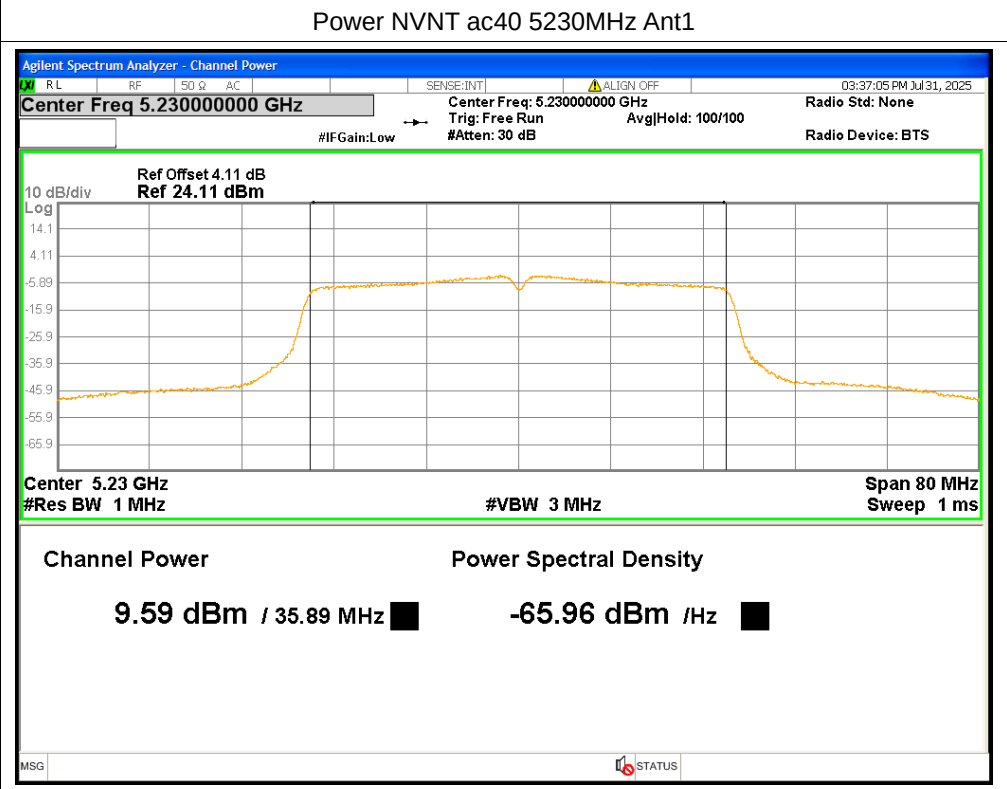
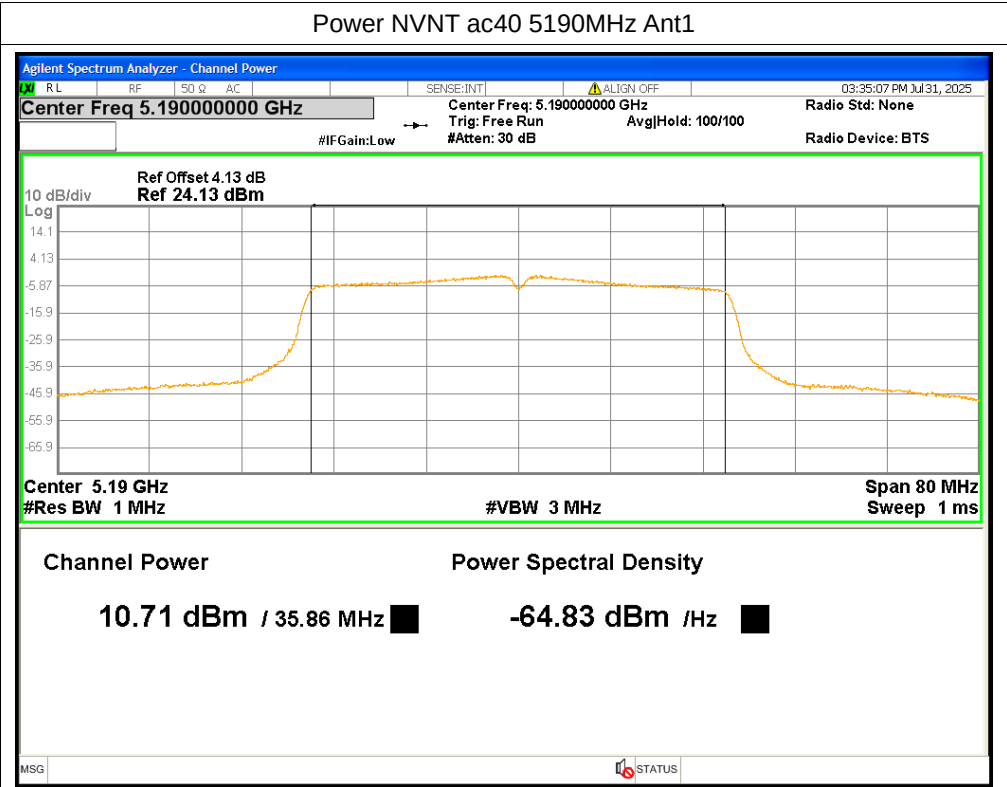
Power NVNT n40 5230MHz Ant2

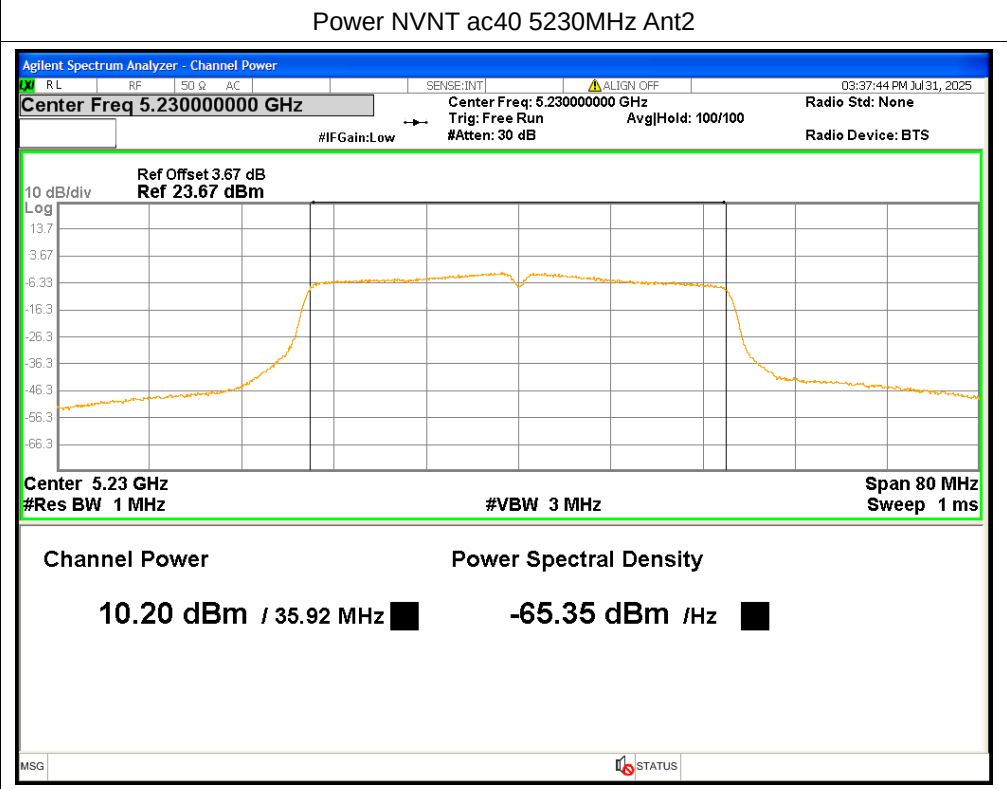
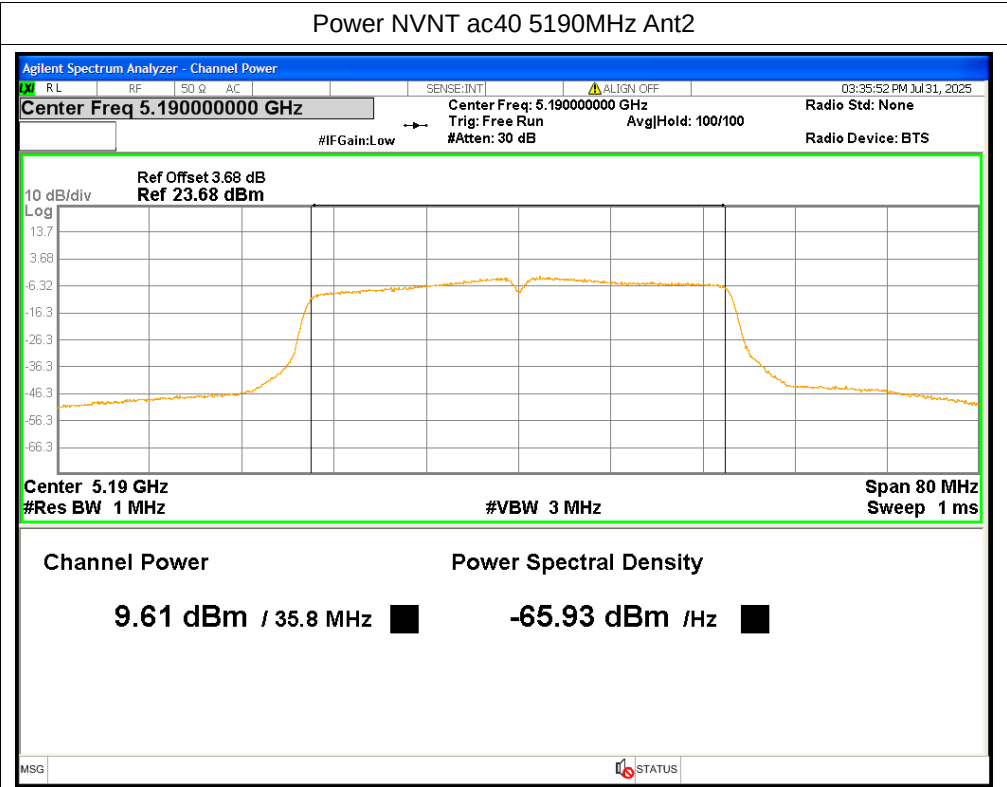




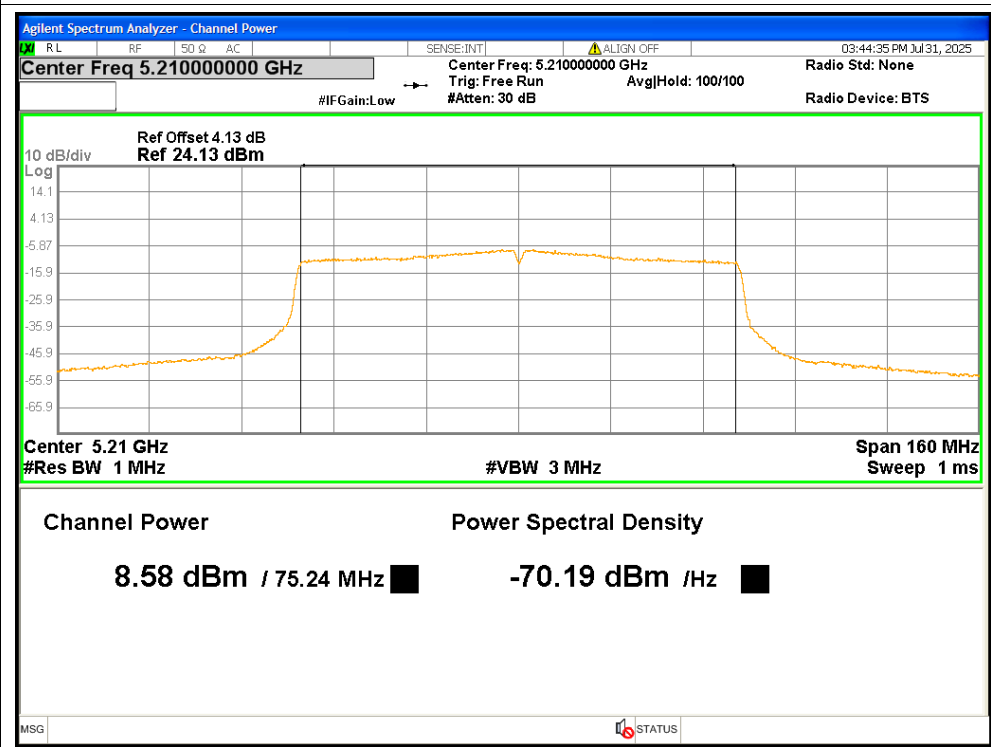




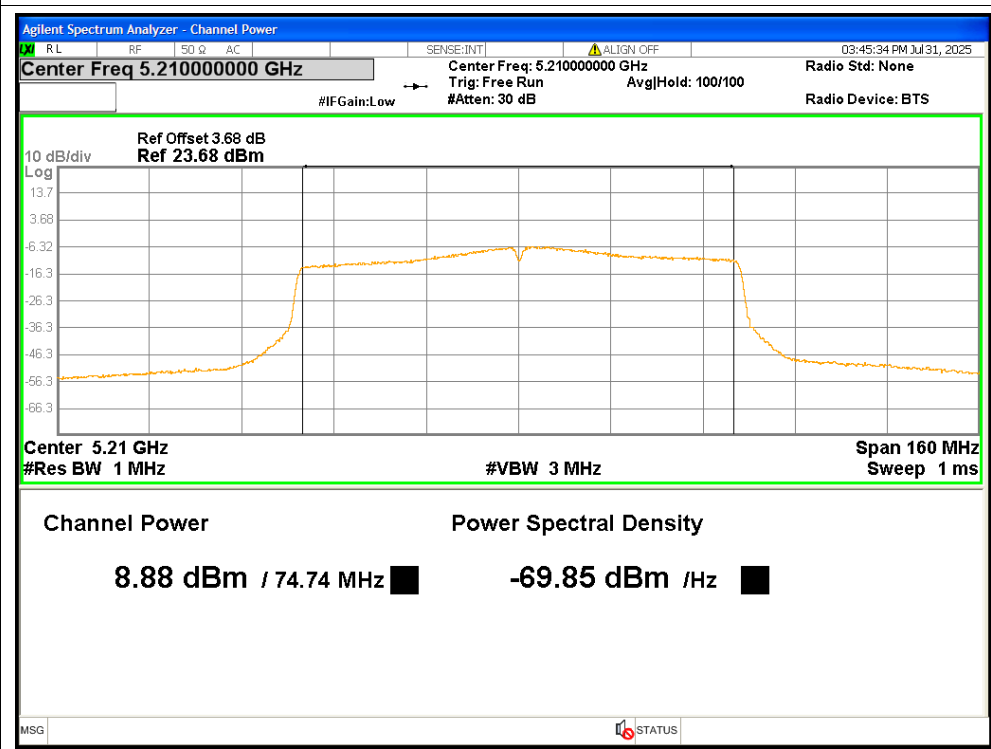


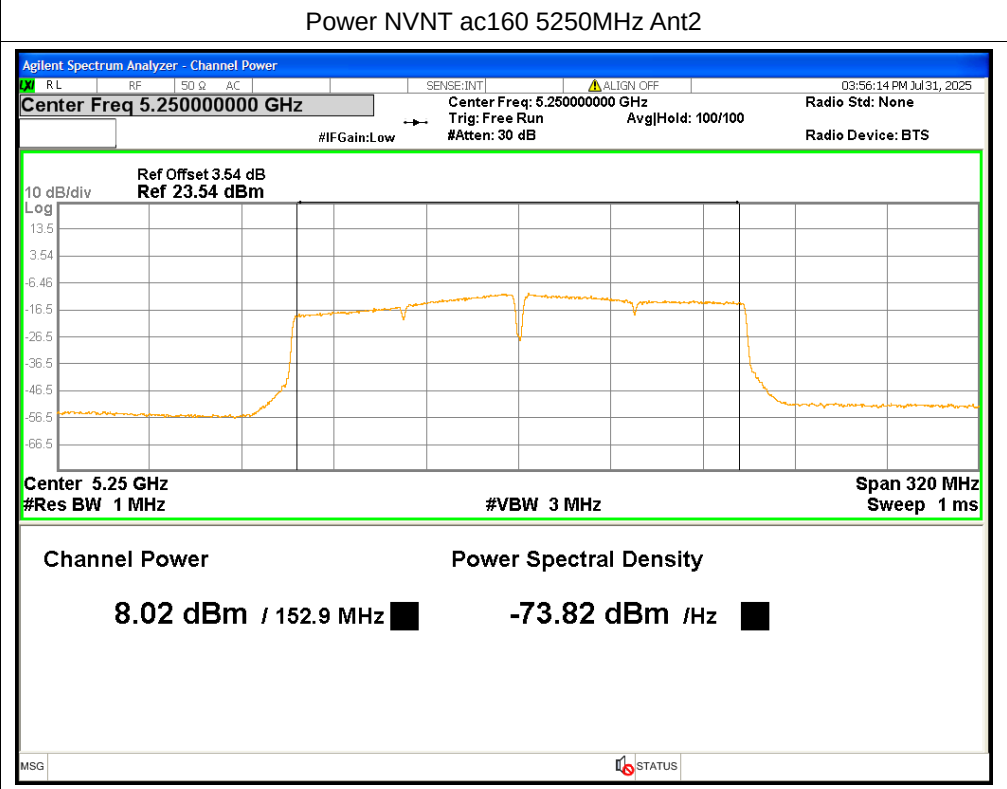
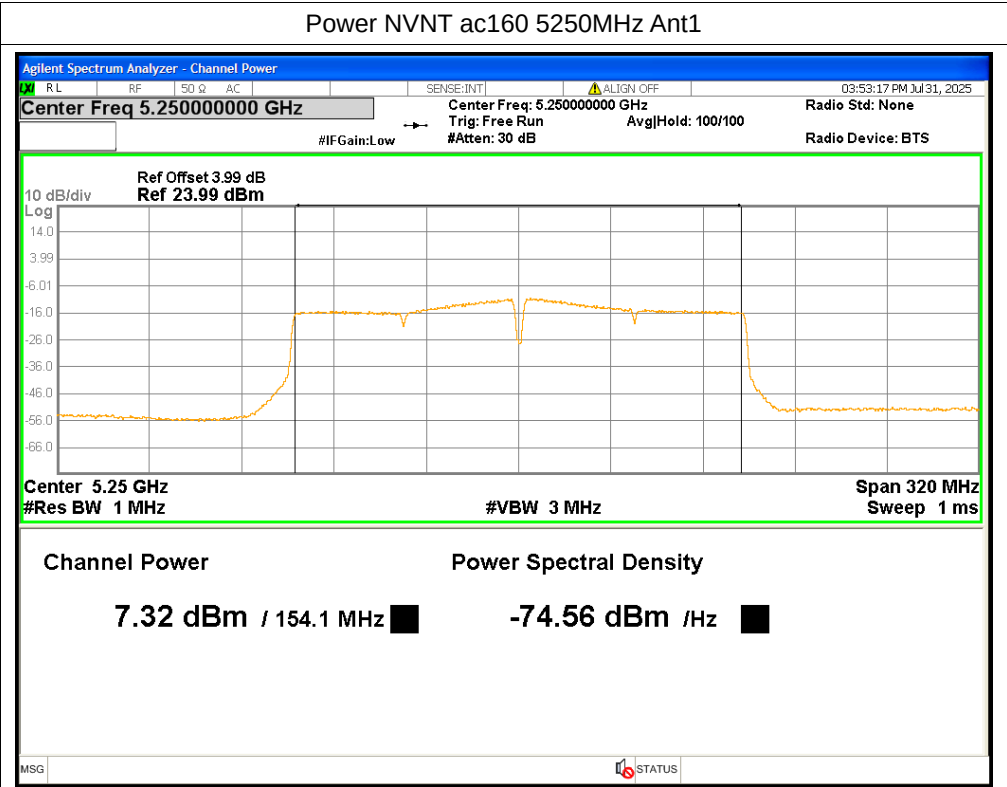


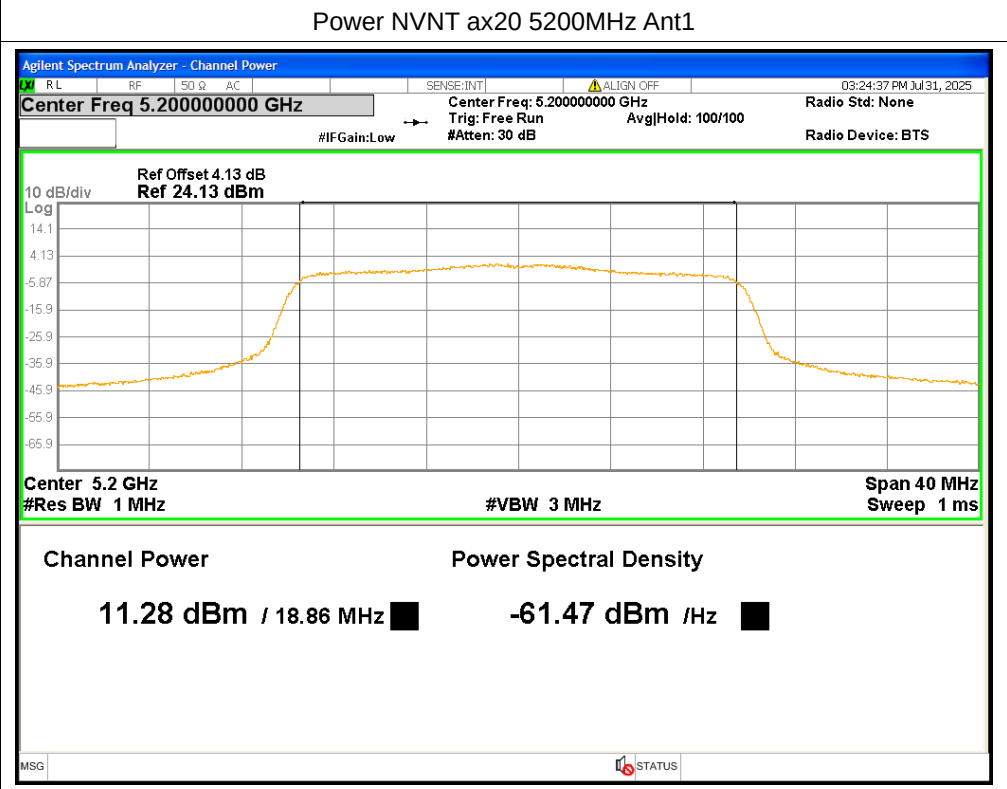
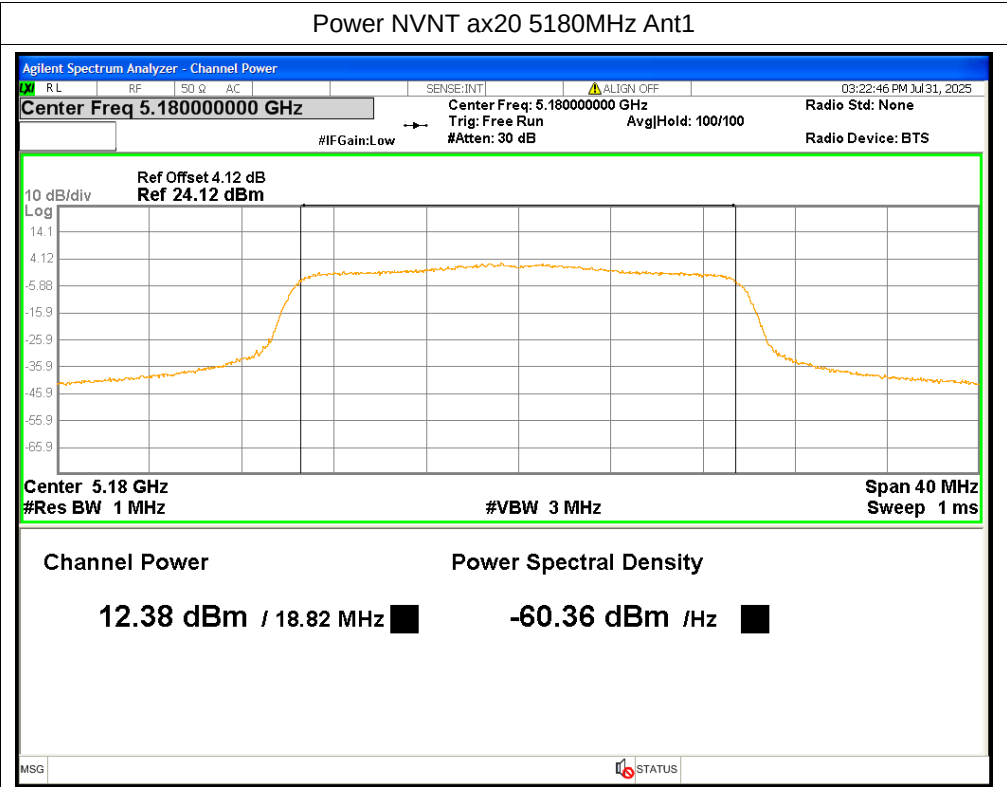
Power NVNT ac80 5210MHz Ant1



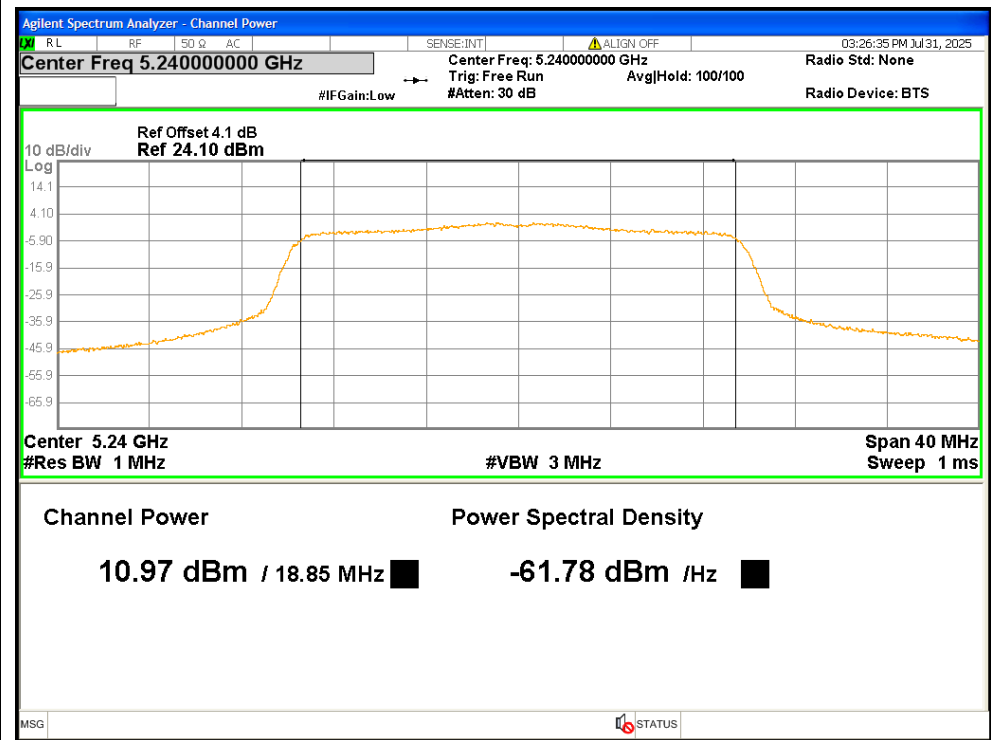
Power NVNT ac80 5210MHz Ant2



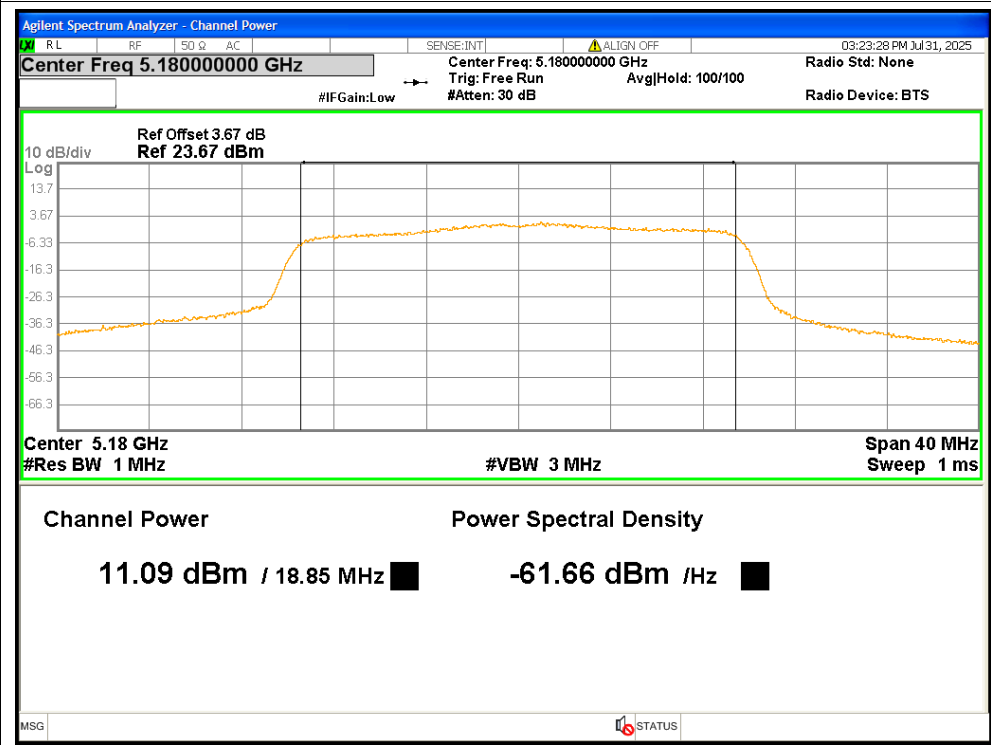


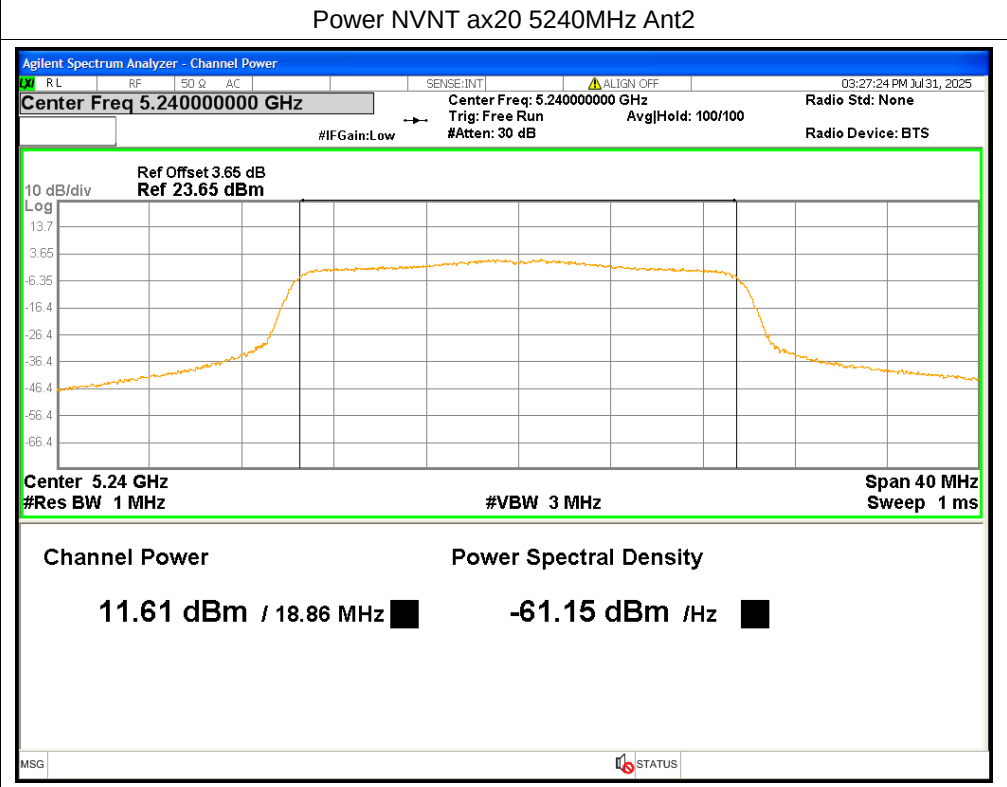
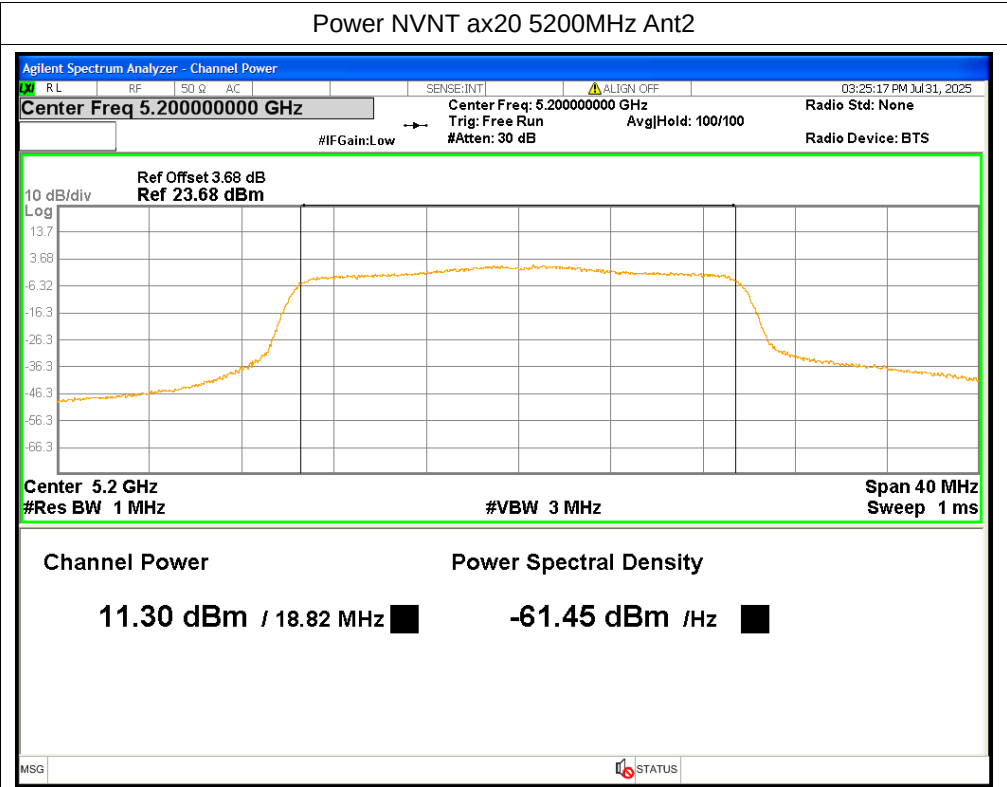


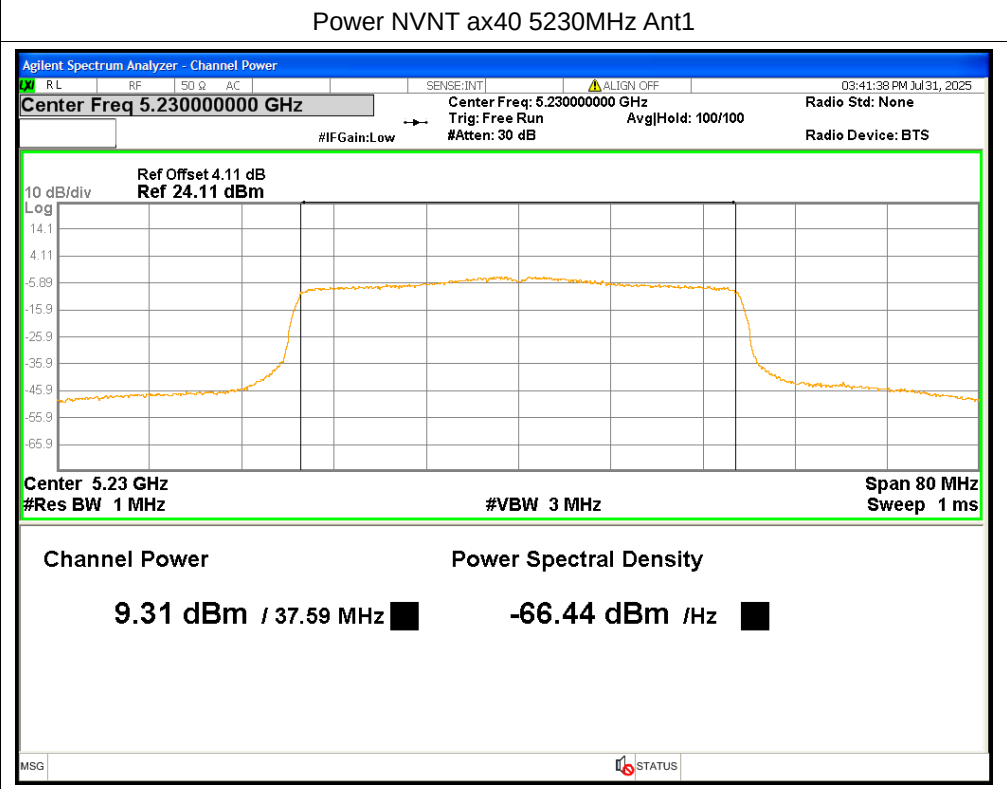
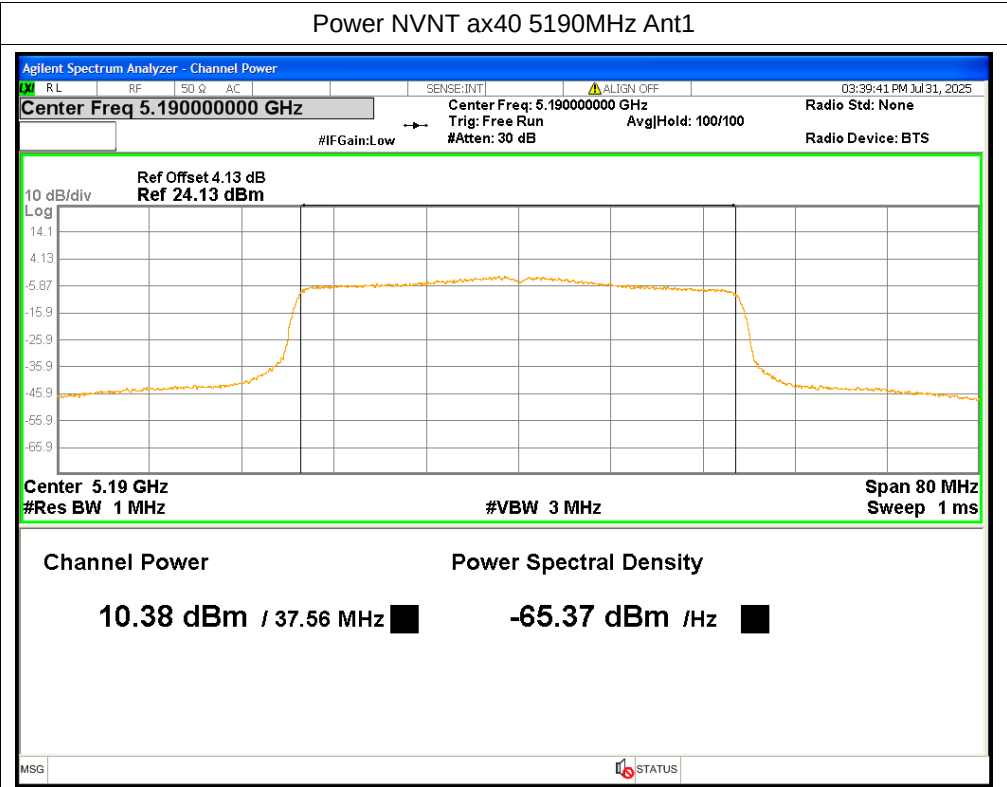
Power NVNT ax20 5240MHz Ant1

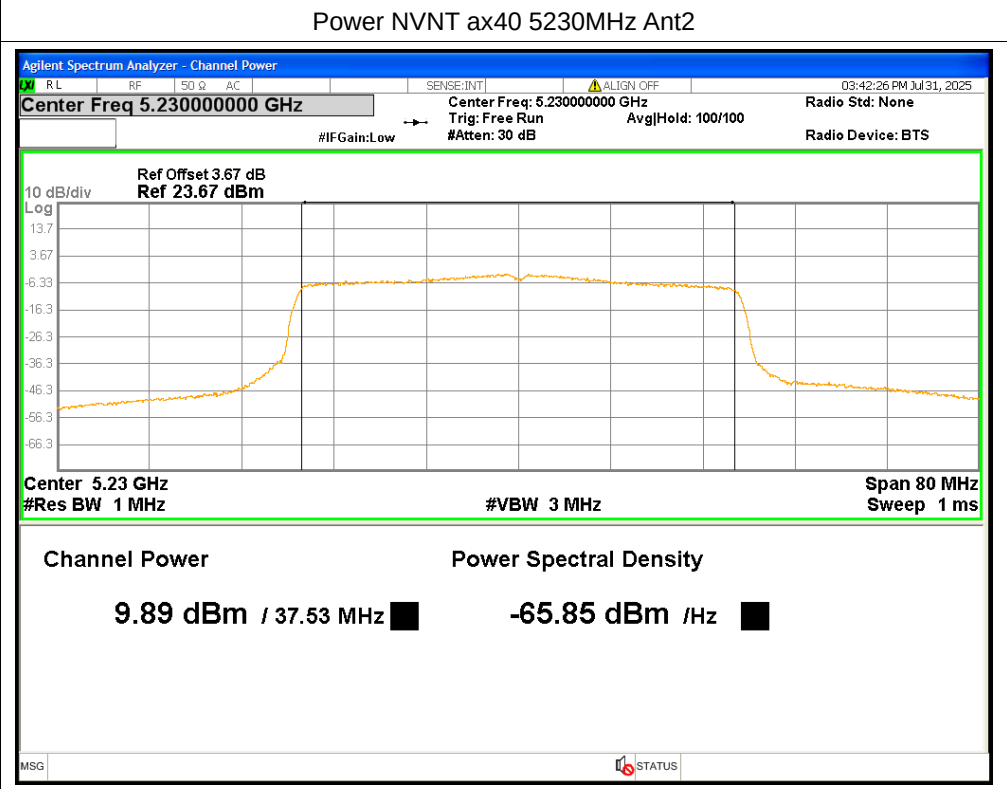
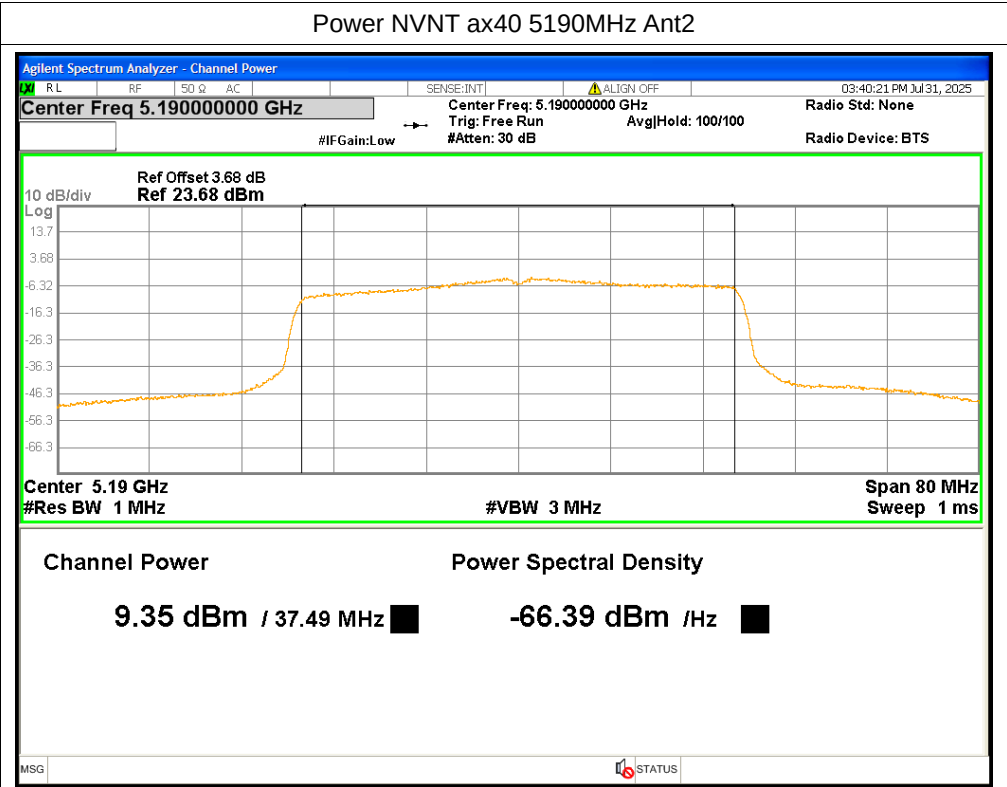


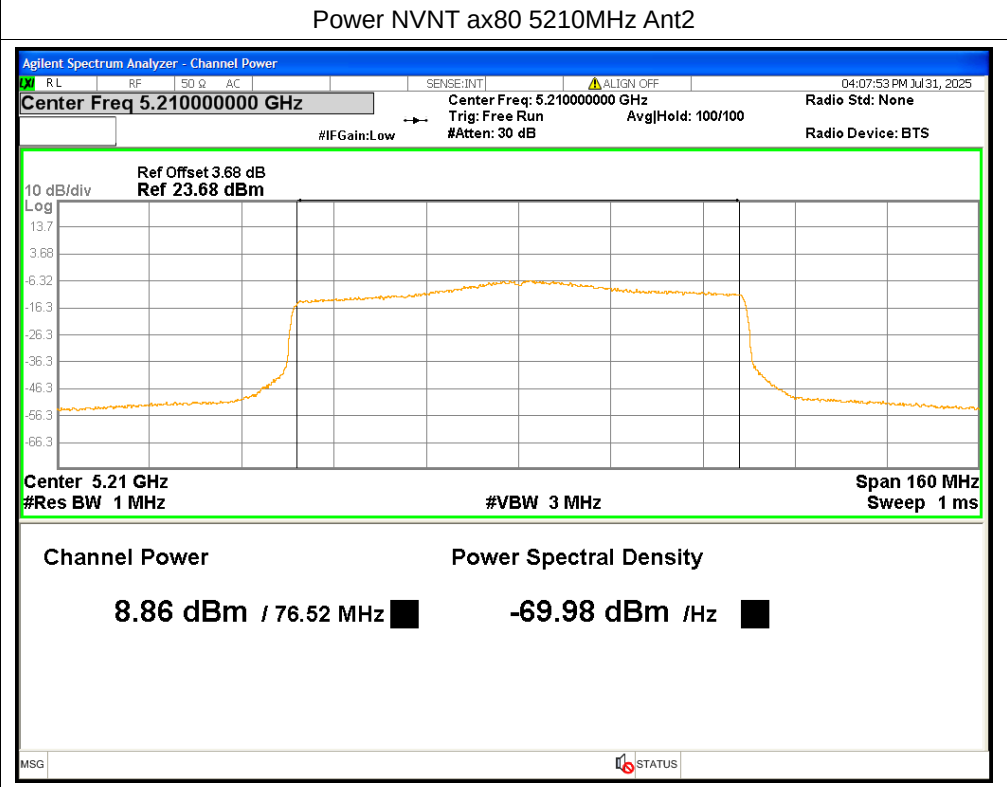
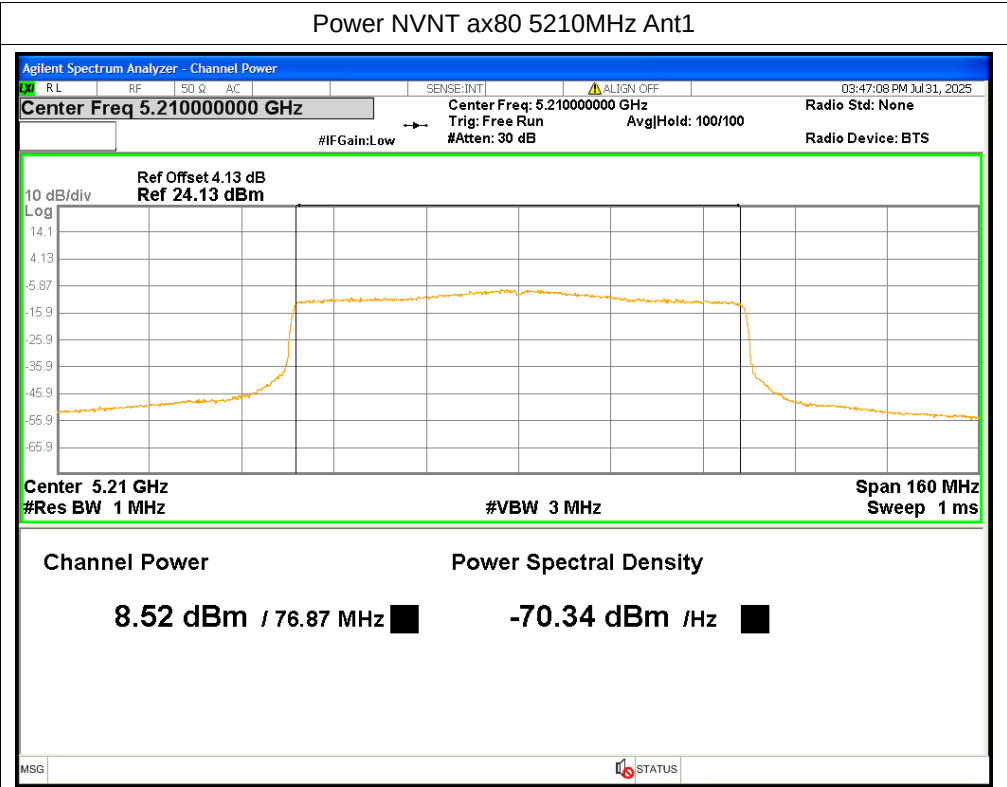
Power NVNT ax20 5180MHz Ant2

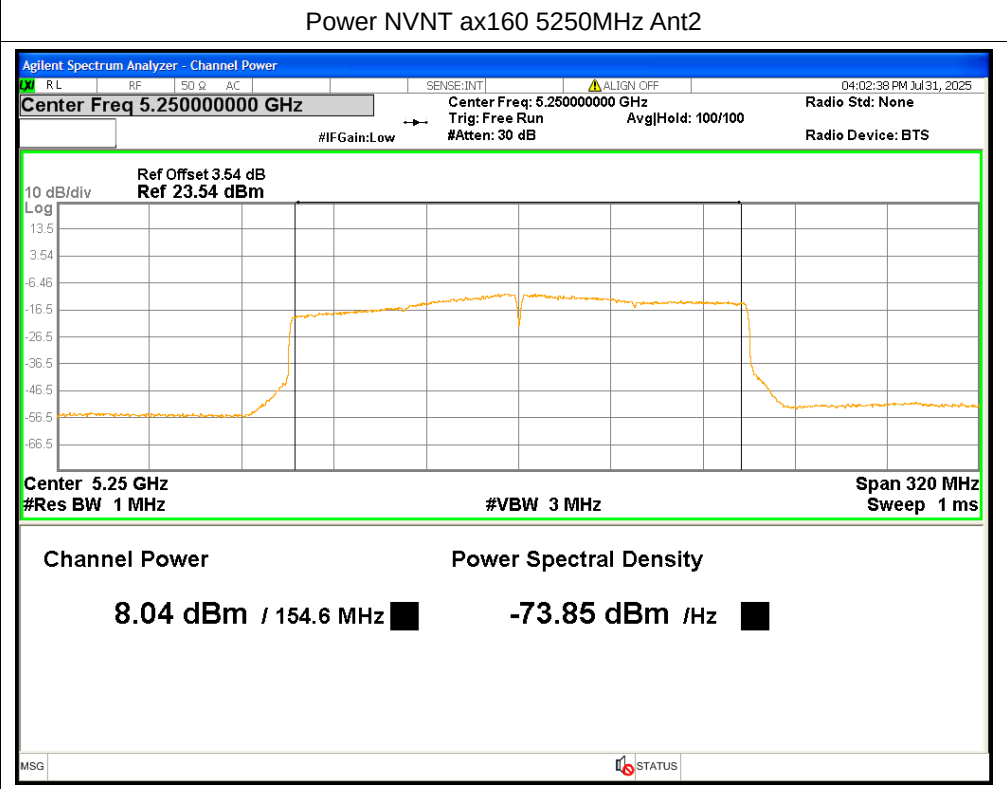
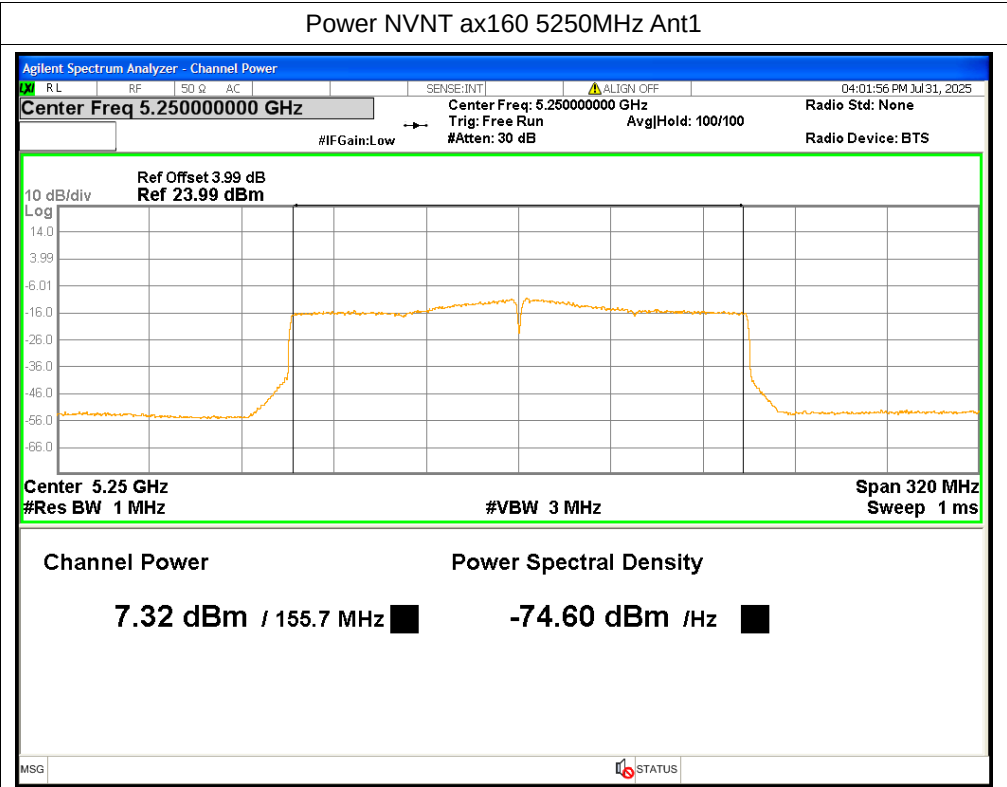












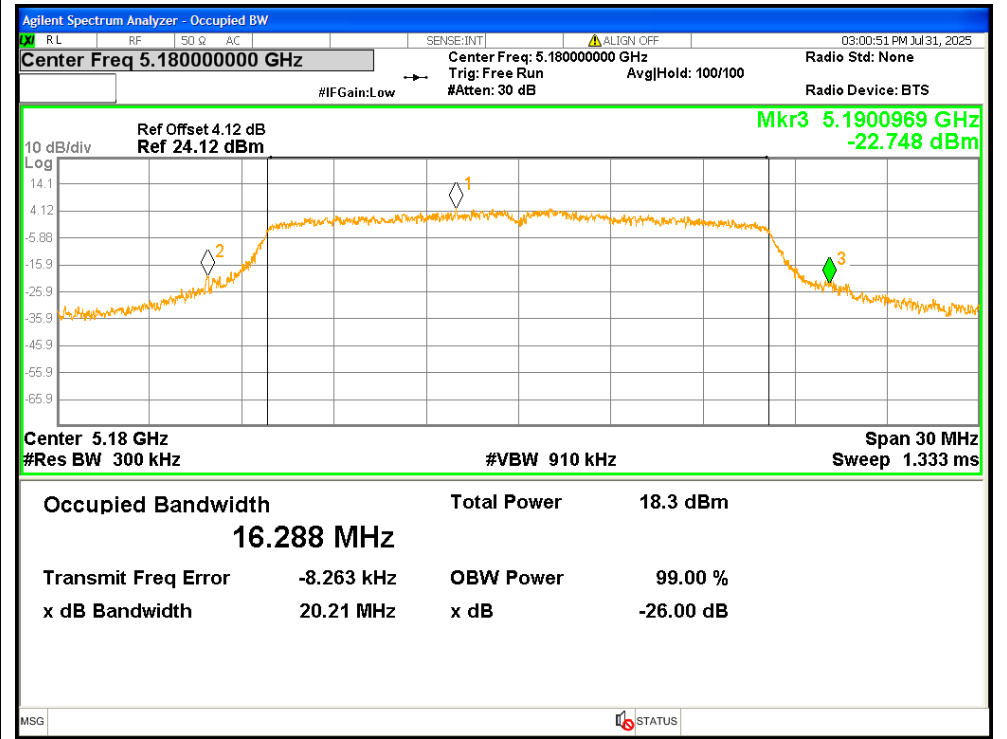
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	20.2102	Pass
NVNT	a	5200	Ant1	19.0893	Pass
NVNT	a	5240	Ant1	18.702	Pass
NVNT	a	5180	Ant2	18.8662	Pass
NVNT	a	5200	Ant2	18.9927	Pass
NVNT	a	5240	Ant2	18.9097	Pass
NVNT	n20	5180	Ant1	20.0797	Pass
NVNT	n20	5200	Ant1	20.0425	Pass
NVNT	n20	5240	Ant1	20.4138	Pass
NVNT	n20	5180	Ant2	20.1168	Pass
NVNT	n20	5200	Ant2	20.0857	Pass
NVNT	n20	5240	Ant2	19.729	Pass
NVNT	n40	5190	Ant1	39.6133	Pass
NVNT	n40	5230	Ant1	40.3863	Pass
NVNT	n40	5190	Ant2	39.1519	Pass
NVNT	n40	5230	Ant2	39.413	Pass
NVNT	ac20	5180	Ant1	20.1429	Pass
NVNT	ac20	5200	Ant1	19.9342	Pass
NVNT	ac20	5240	Ant1	20.4476	Pass
NVNT	ac20	5180	Ant2	20.3222	Pass
NVNT	ac20	5200	Ant2	19.7776	Pass
NVNT	ac20	5240	Ant2	20.0592	Pass
NVNT	ac40	5190	Ant1	39.7092	Pass
NVNT	ac40	5230	Ant1	39.754	Pass
NVNT	ac40	5190	Ant2	39.4497	Pass
NVNT	ac40	5230	Ant2	39.3067	Pass
NVNT	ac80	5210	Ant1	83.0339	Pass
NVNT	ac80	5210	Ant2	81.5241	Pass
NVNT	ac160	5250	Ant1	162.4621	Pass
NVNT	ac160	5250	Ant2	162.1584	Pass
NVNT	ax20	5180	Ant1	20.5786	Pass
NVNT	ax20	5200	Ant1	20.637	Pass
NVNT	ax20	5240	Ant1	20.3461	Pass
NVNT	ax20	5180	Ant2	20.7648	Pass
NVNT	ax20	5200	Ant2	20.6632	Pass
NVNT	ax20	5240	Ant2	20.5314	Pass
NVNT	ax40	5190	Ant1	39.9897	Pass
NVNT	ax40	5230	Ant1	40.2305	Pass
NVNT	ax40	5190	Ant2	40.1116	Pass
NVNT	ax40	5230	Ant2	39.9919	Pass
NVNT	ax80	5210	Ant1	82.7412	Pass

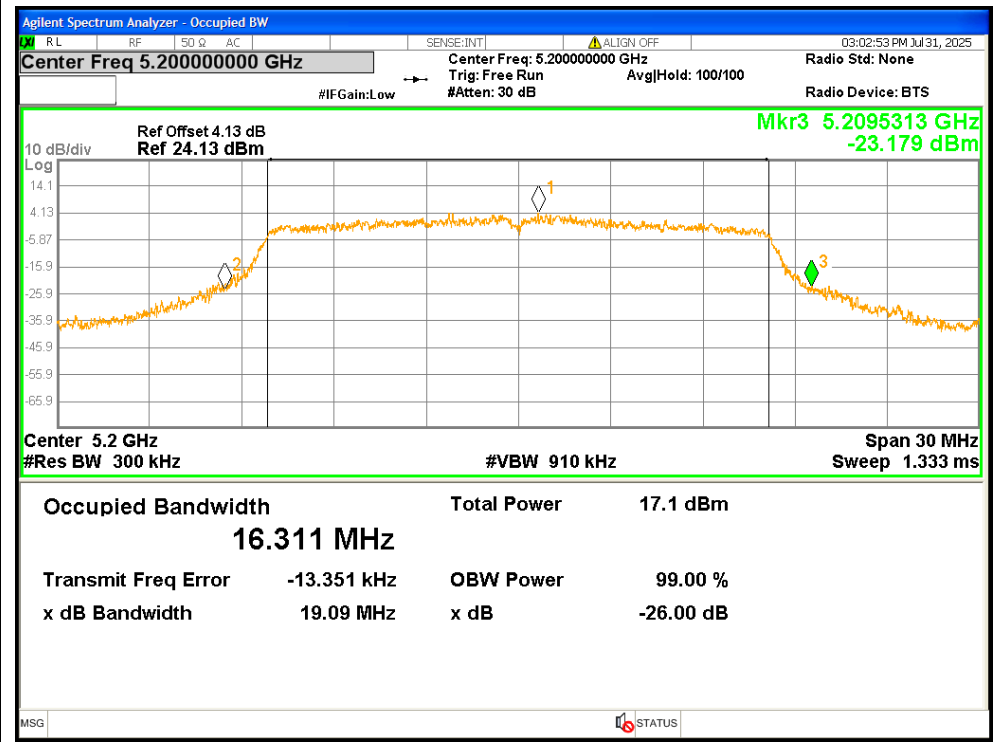
NVNT	ax80	5210	Ant2	82.72	Pass
NVNT	ax160	5250	Ant1	164.4055	Pass
NVNT	ax160	5250	Ant2	162.3701	Pass

Test Graphs

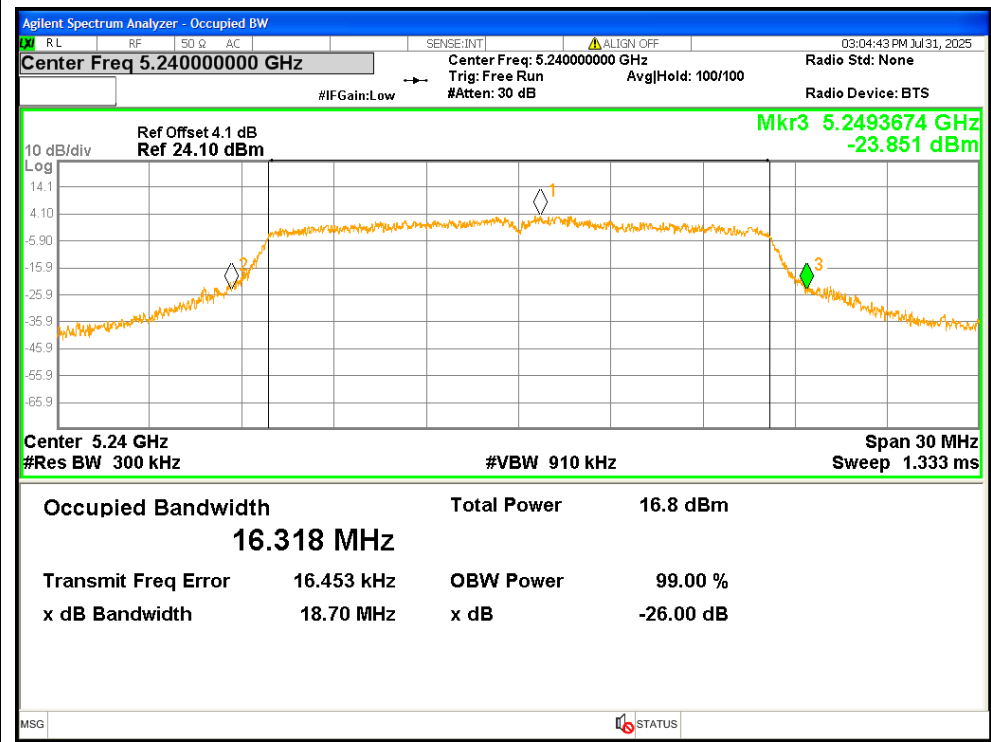
-26dB Bandwidth NVNT a 5180MHz Ant1



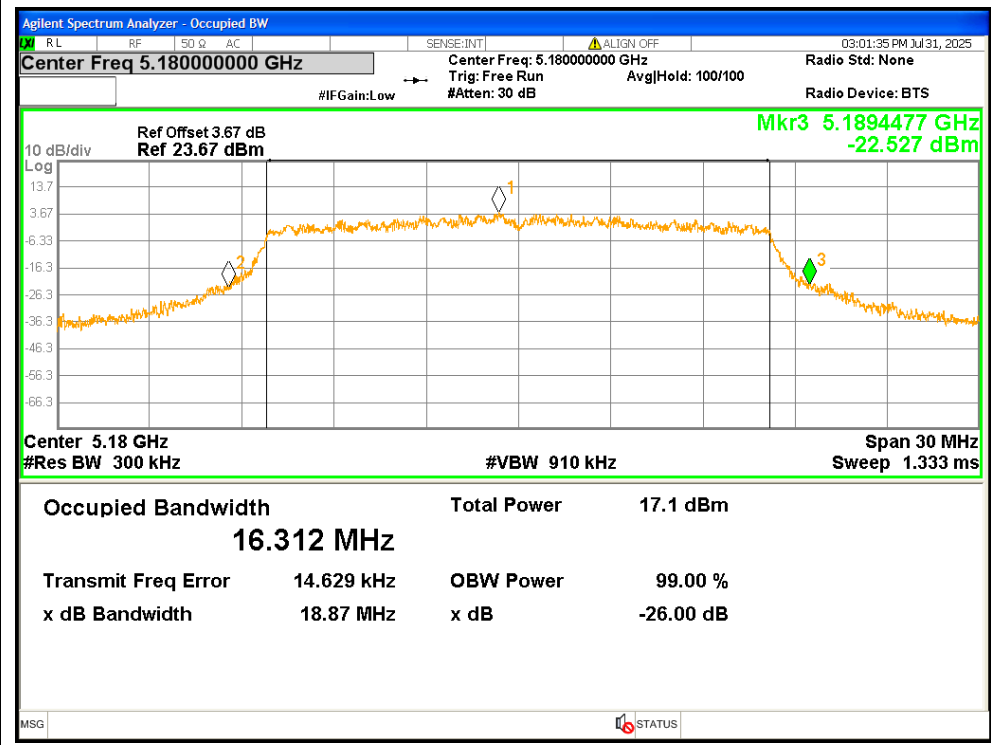
-26dB Bandwidth NVNT a 5200MHz Ant1



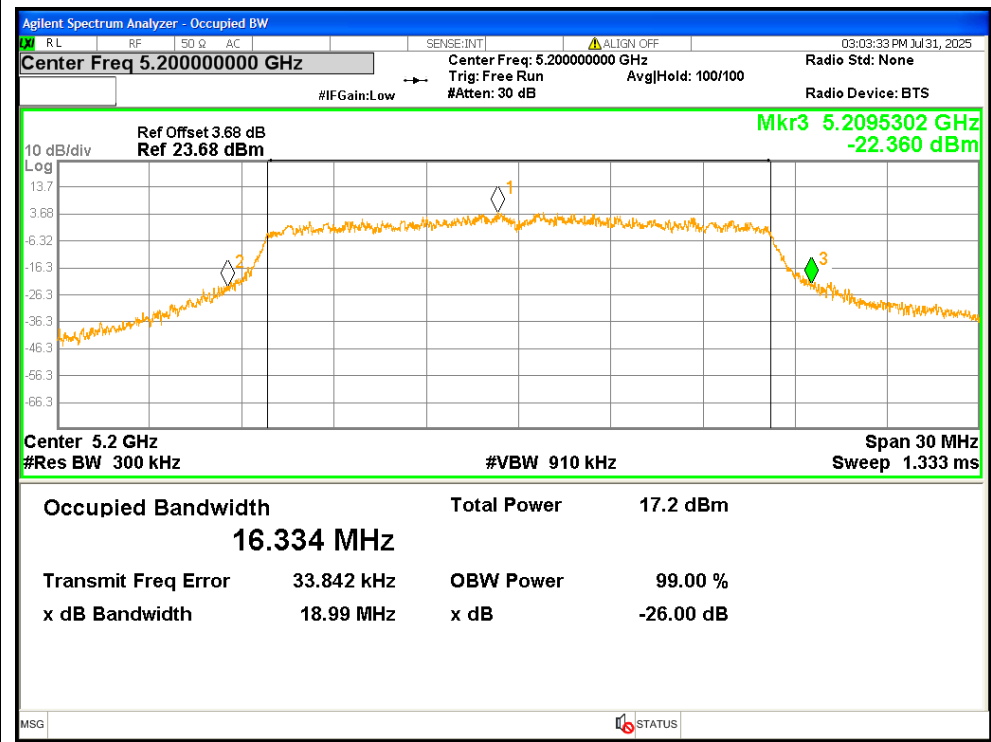
-26dB Bandwidth NVNT a 5240MHz Ant1



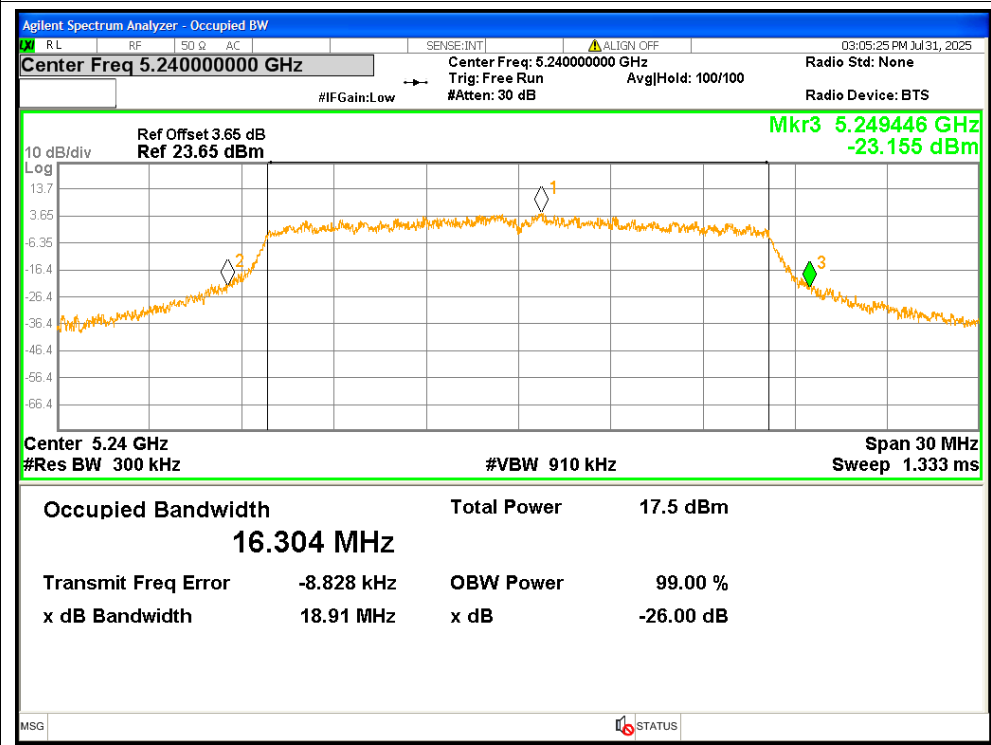
-26dB Bandwidth NVNT a 5180MHz Ant2



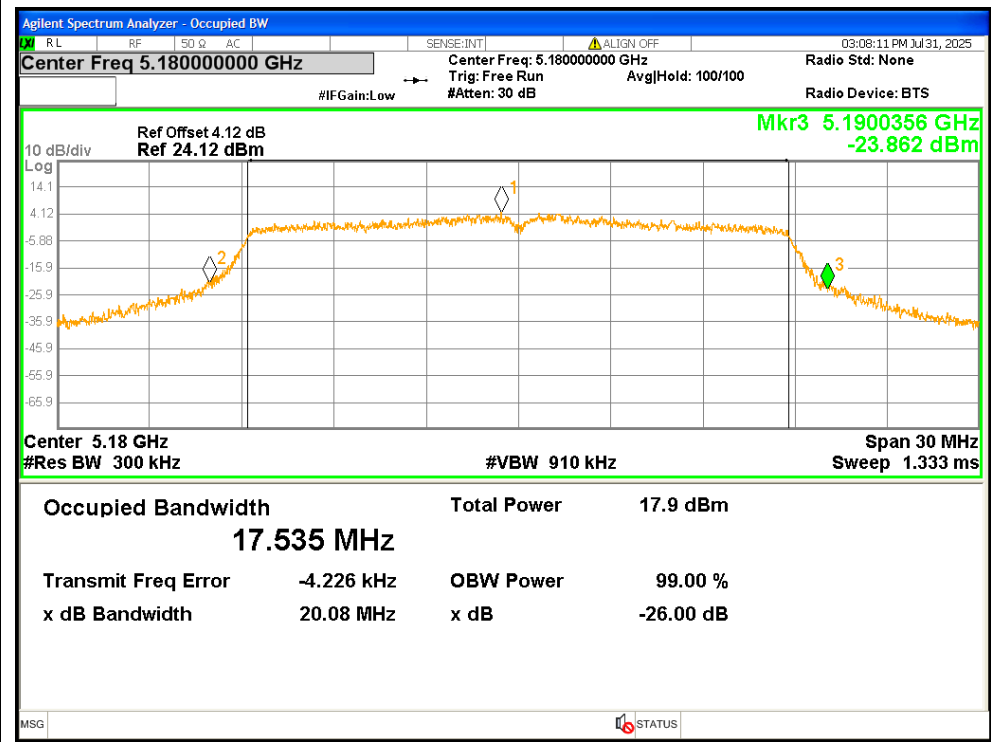
-26dB Bandwidth NVNT a 5200MHz Ant2



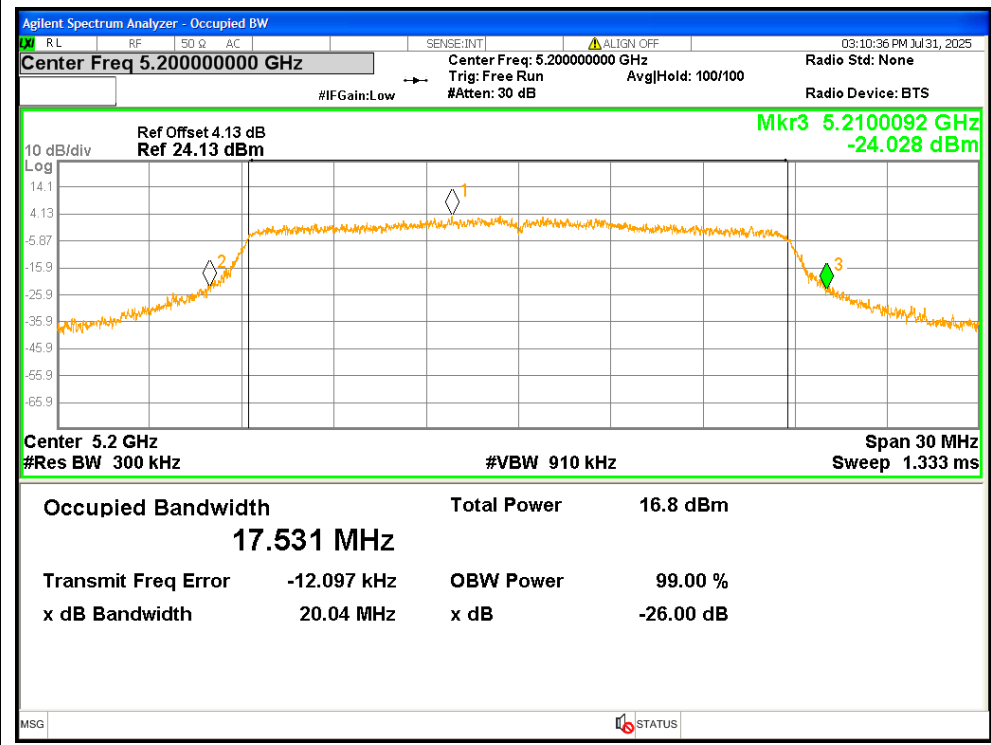
-26dB Bandwidth NVNT a 5240MHz Ant2



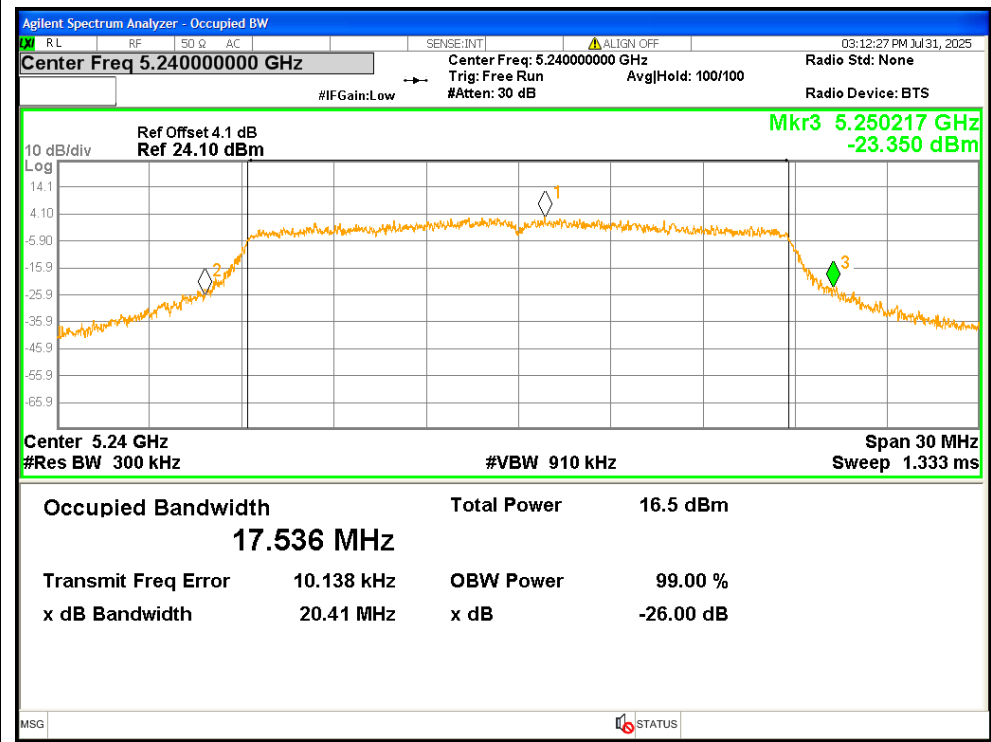
-26dB Bandwidth NVNT n20 5180MHz Ant1



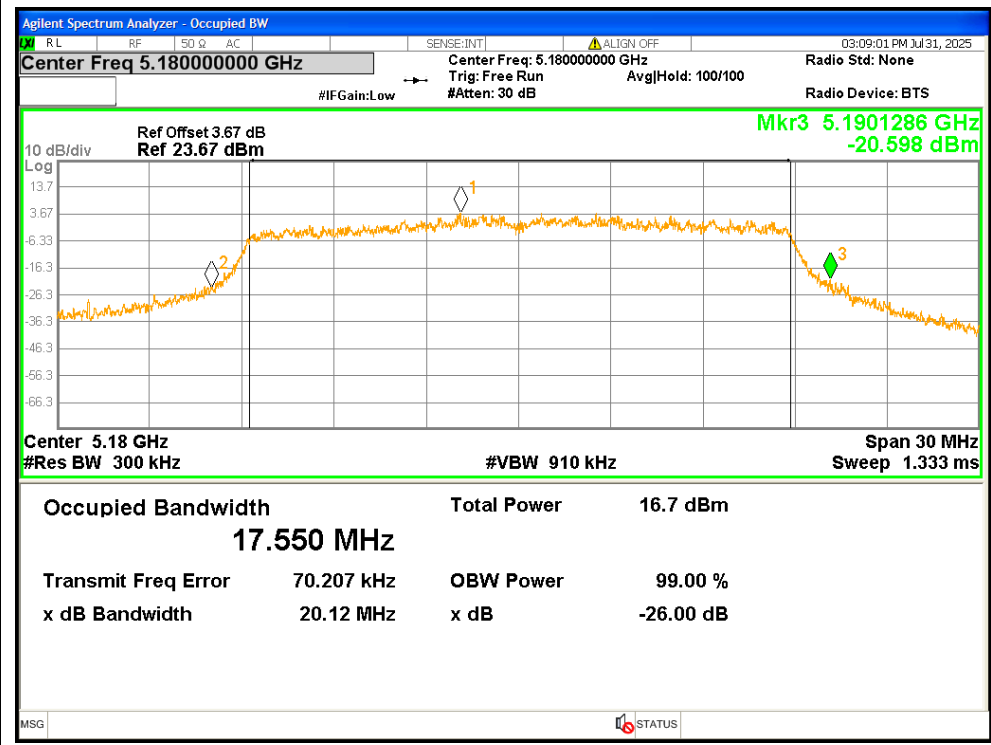
-26dB Bandwidth NVNT n20 5200MHz Ant1



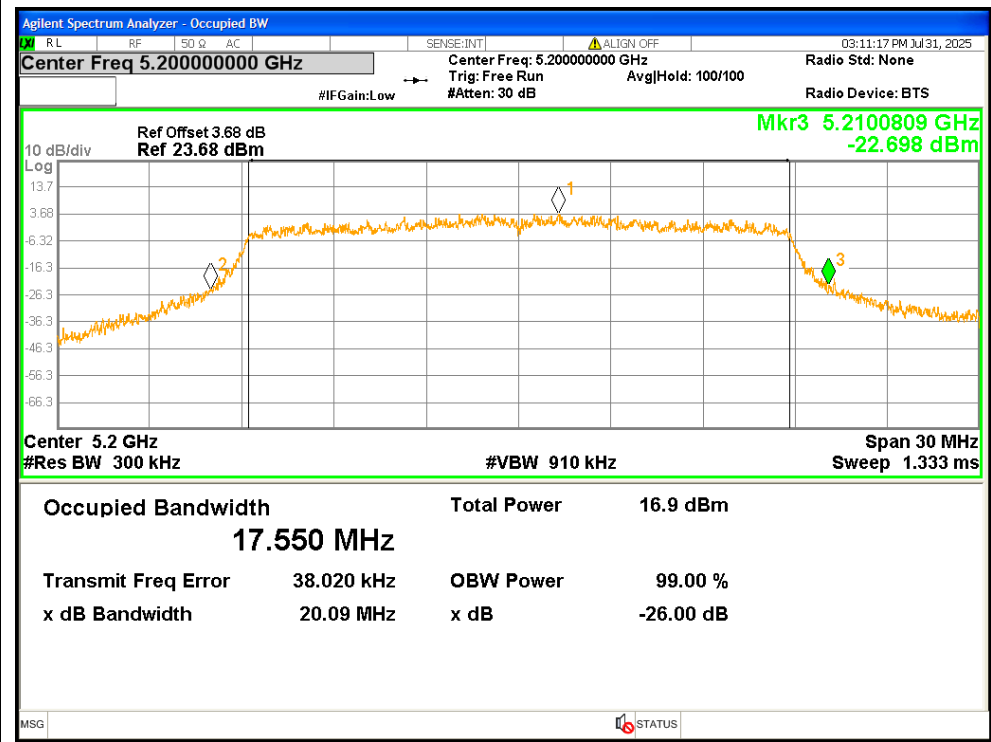
-26dB Bandwidth NVNT n20 5240MHz Ant1



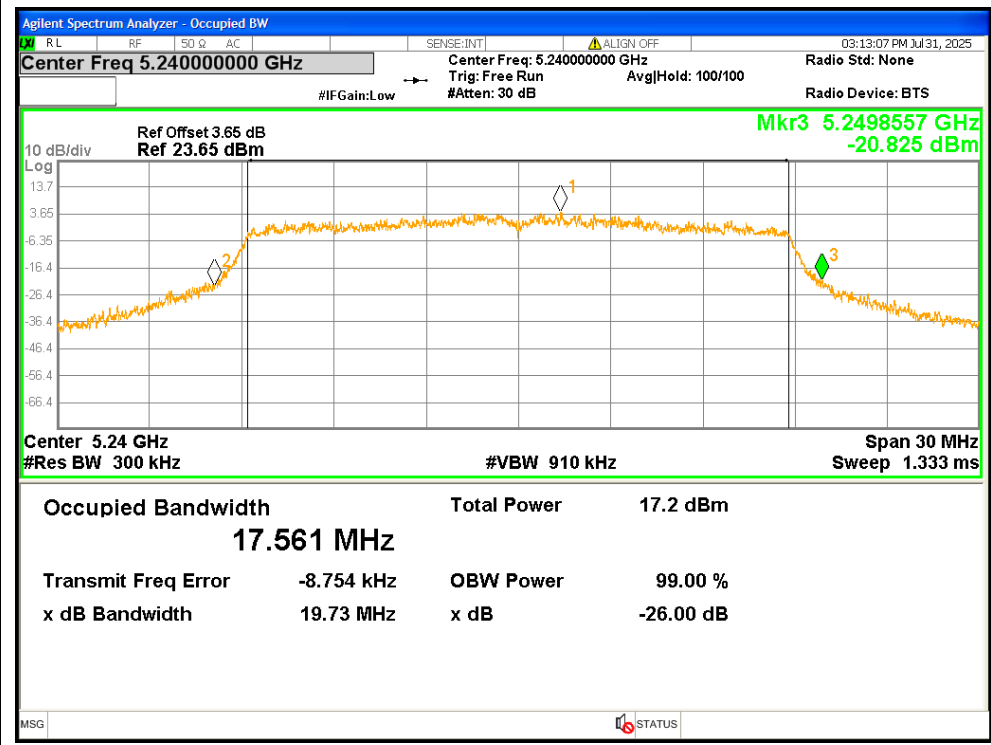
-26dB Bandwidth NVNT n20 5180MHz Ant2



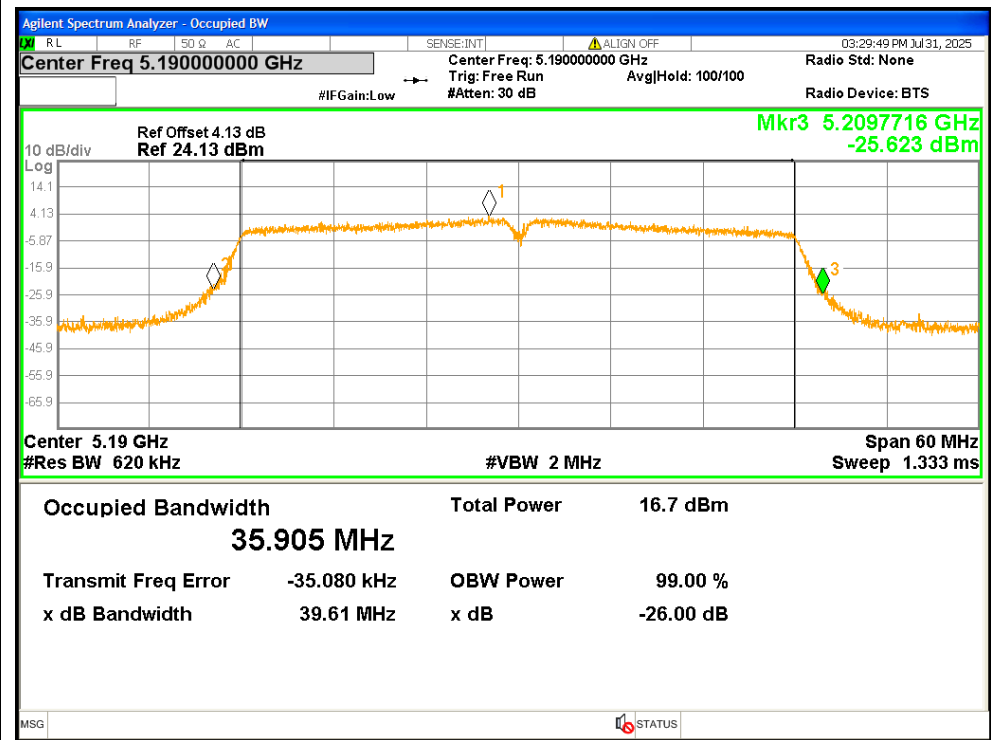
-26dB Bandwidth NVNT n20 5200MHz Ant2



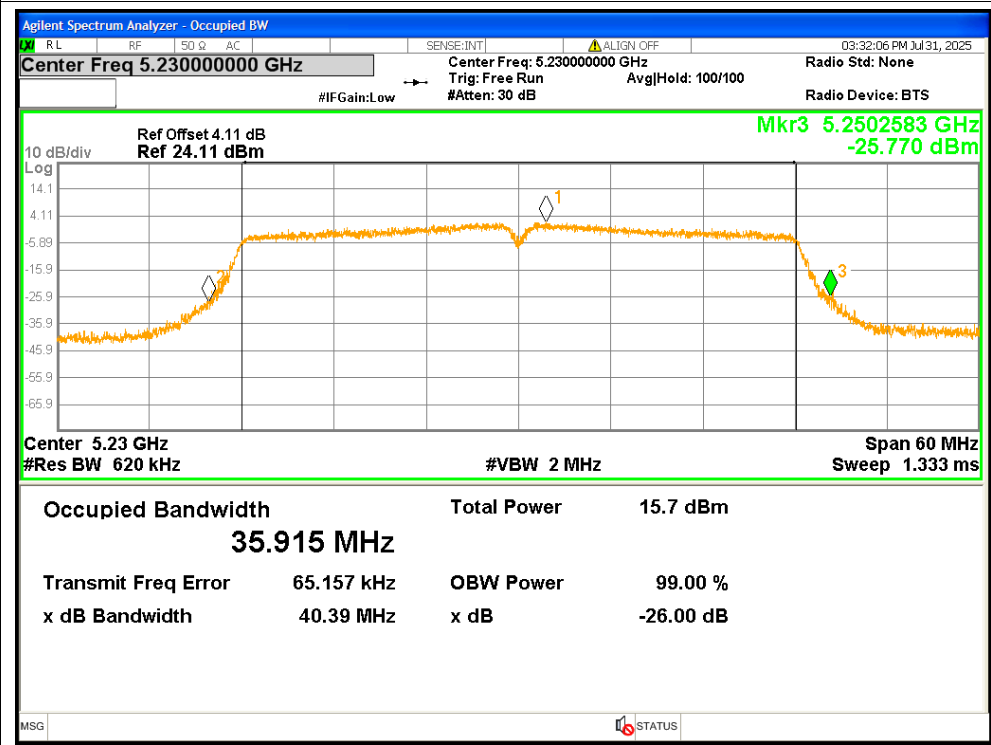
-26dB Bandwidth NVNT n20 5240MHz Ant2



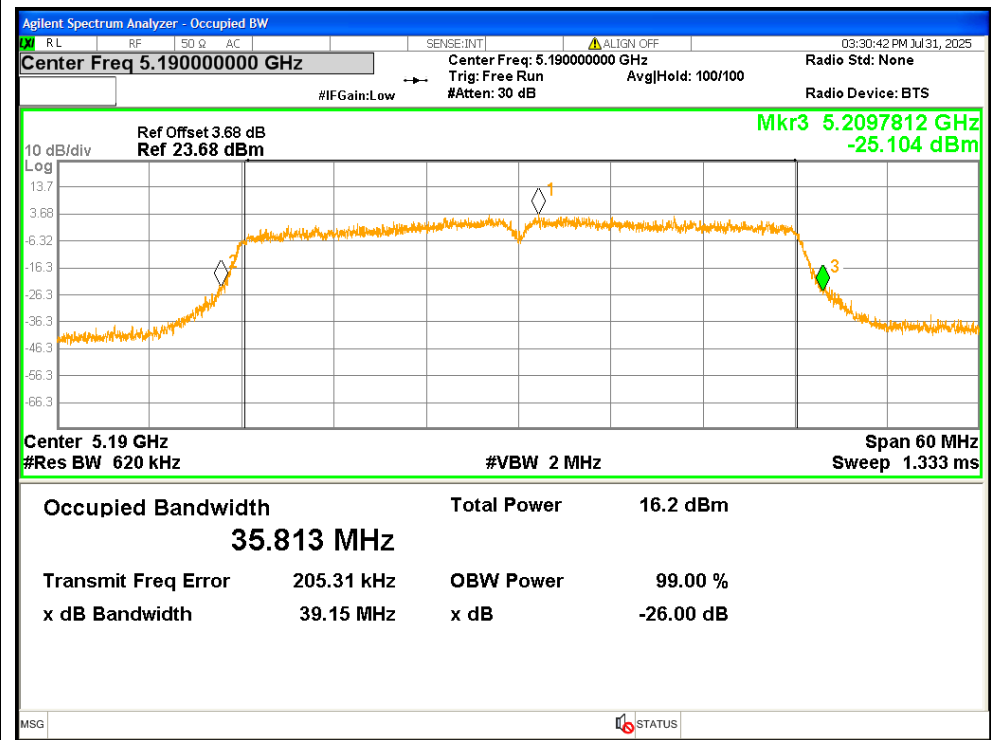
-26dB Bandwidth NVNT n40 5190MHz Ant1



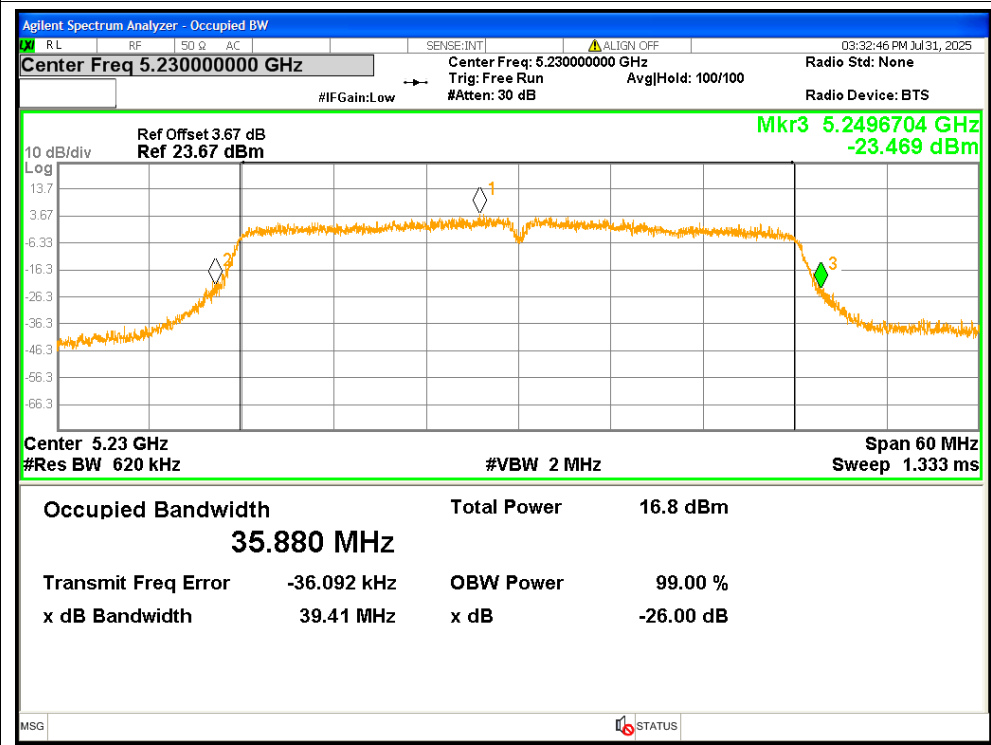
-26dB Bandwidth NVNT n40 5230MHz Ant1



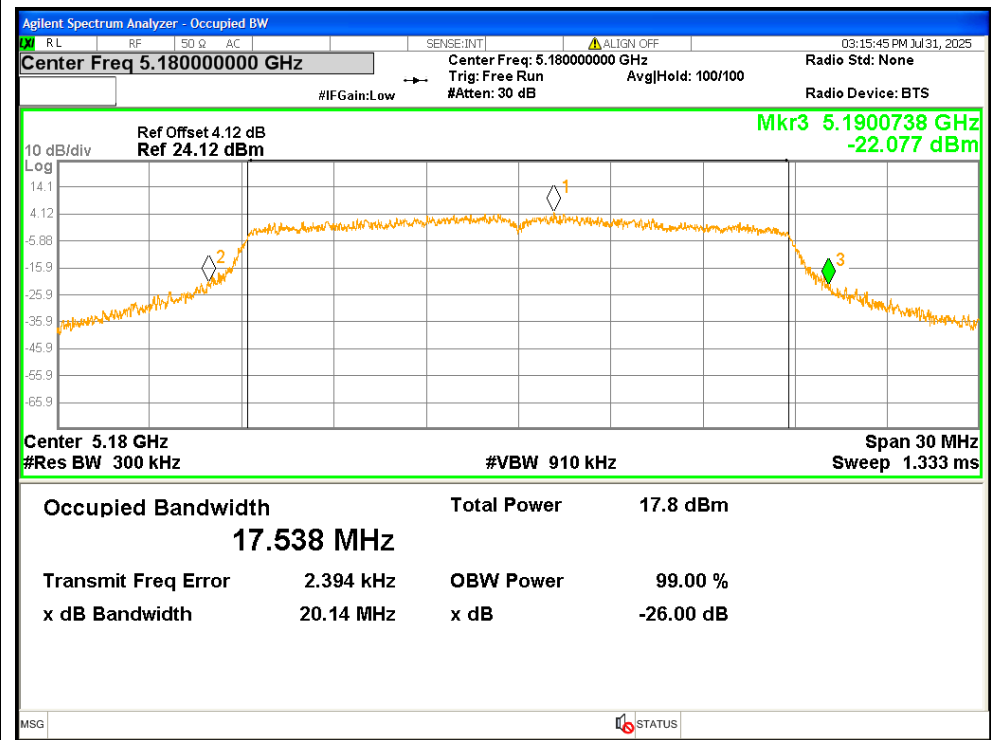
-26dB Bandwidth NVNT n40 5190MHz Ant2



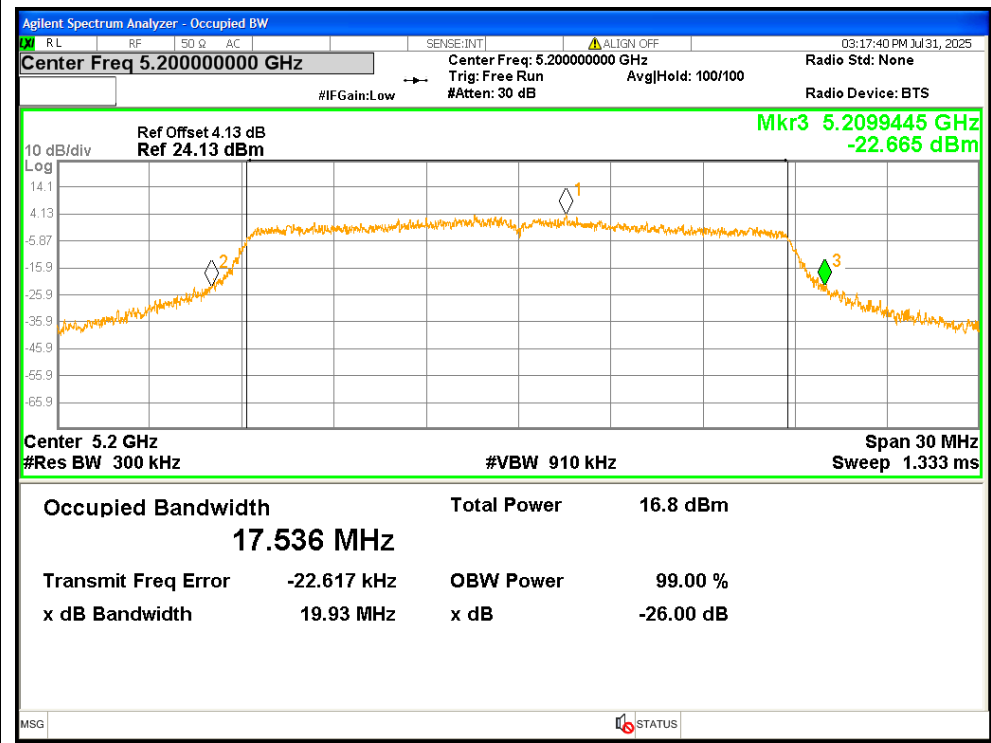
-26dB Bandwidth NVNT n40 5230MHz Ant2



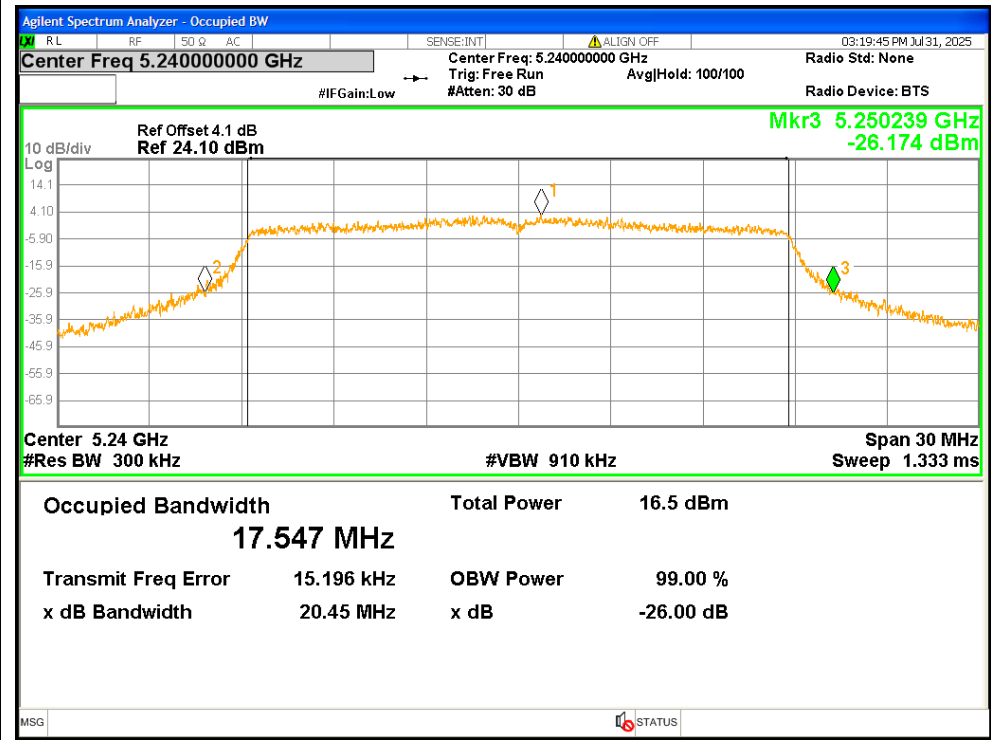
-26dB Bandwidth NVNT ac20 5180MHz Ant1



-26dB Bandwidth NVNT ac20 5200MHz Ant1



-26dB Bandwidth NVNT ac20 5240MHz Ant1



-26dB Bandwidth NVNT ac20 5180MHz Ant2

