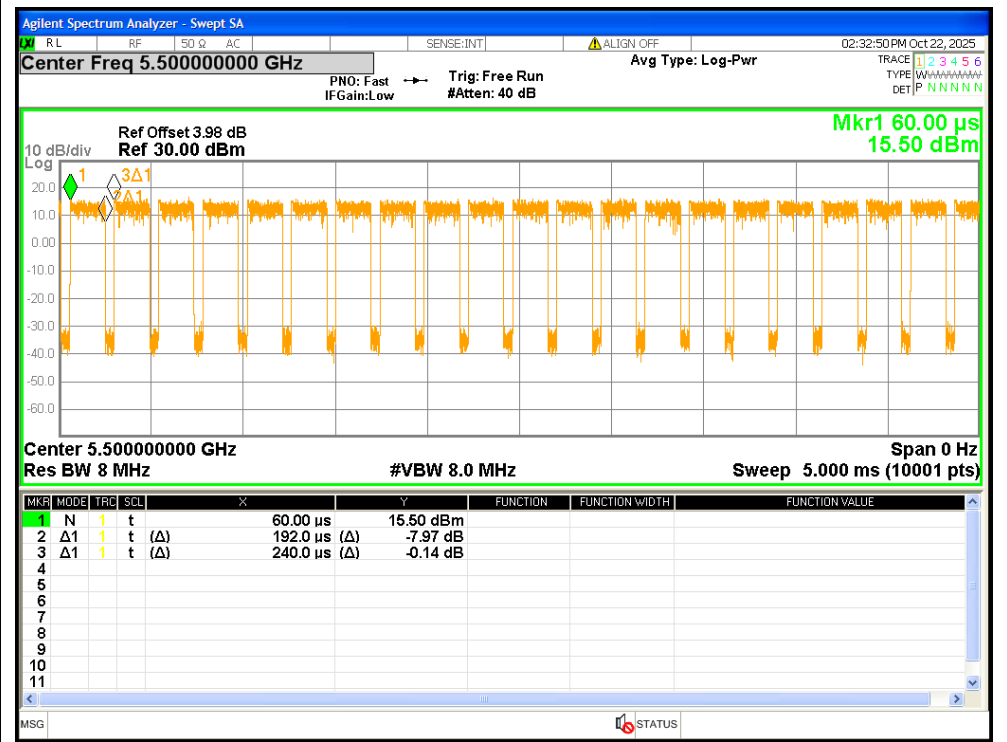


Duty Cycle

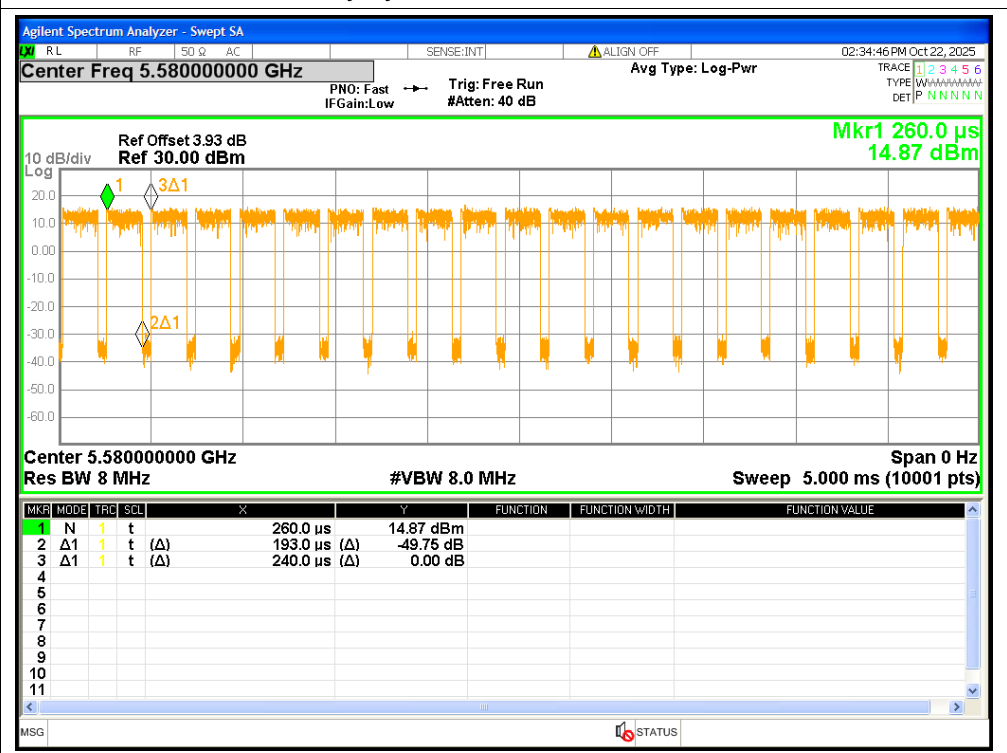
Condition	Mode	Frequency (MHz)	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)	Max Variation (%)
NVNT	a	5500	Ant1	0.192	0.24	80	0.97	5.19	0.24
NVNT	a	5580	Ant1	0.193	0.24	80.42	0.95	5.19	0.20
NVNT	a	5700	Ant1	0.193	0.241	80.08	0.96	5.18	0.21
NVNT	a	5500	Ant2	0.192	0.24	80	0.97	5.19	0.24
NVNT	a	5580	Ant2	0.193	0.24	80.42	0.95	5.19	0.24
NVNT	a	5700	Ant2	0.194	0.241	80.5	0.94	5.18	0.24
NVNT	n20	5500	MIMO	0.352	0.4	88	0.56	2.84	0.27
NVNT	n20	5580	MIMO	0.352	0.401	87.78	0.57	2.84	0.29
NVNT	n20	5700	MIMO	0.353	0.401	88.03	0.55	2.84	0.21
NVNT	n40	5510	MIMO	0.34	0.39	87.18	0.6	2.94	0.25
NVNT	n40	5550	MIMO	0.34	0.388	87.63	0.57	2.94	0.22
NVNT	n40	5670	MIMO	0.34	0.389	87.4	0.58	2.94	0.22
NVNT	ac20	5500	MIMO	0.32	0.369	86.72	0.62	3.13	0.23
NVNT	ac20	5580	MIMO	0.32	0.369	86.72	0.62	3.12	0.24
NVNT	ac20	5700	MIMO	0.321	0.369	86.99	0.61	3.12	0.24
NVNT	ac40	5510	MIMO	0.301	0.35	86	0.66	3.33	0.25
NVNT	ac40	5550	MIMO	0.3	0.348	86.21	0.64	3.33	0.24
NVNT	ac40	5670	MIMO	0.3	0.349	85.96	0.66	3.33	0.25
NVNT	ac80	5530	MIMO	0.289	0.338	85.5	0.68	3.47	0.24
NVNT	ac80	5610	MIMO	0.288	0.336	85.71	0.67	3.47	0.34
NVNT	ax20	5500	MIMO	0.476	0.524	90.84	0.42	2.1	0.36
NVNT	ax20	5580	MIMO	0.475	0.523	90.82	0.42	2.1	0.25
NVNT	ax20	5700	MIMO	0.476	0.522	91.19	0.4	2.1	0.37
NVNT	ax40	5510	MIMO	0.299	0.35	85.43	0.68	3.34	0.35
NVNT	ax40	5550	MIMO	0.299	0.347	86.17	0.65	3.34	0.21
NVNT	ax40	5670	MIMO	0.299	0.347	86.17	0.65	3.34	0.20
NVNT	ax80	5530	MIMO	0.299	0.35	85.43	0.68	3.34	0.24
NVNT	ax80	5610	MIMO	0.299	0.347	86.17	0.65	3.34	0.20

Test Graphs

Duty Cycle NVNT a 5500MHz Ant1



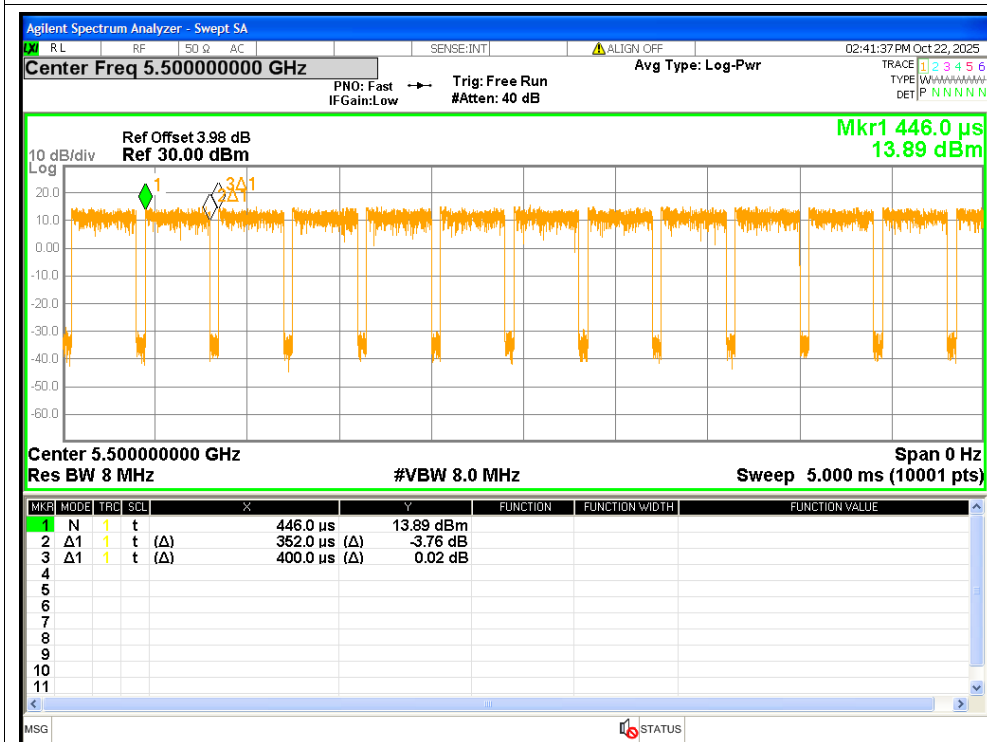
Duty Cycle NVNT a 5580MHz Ant1



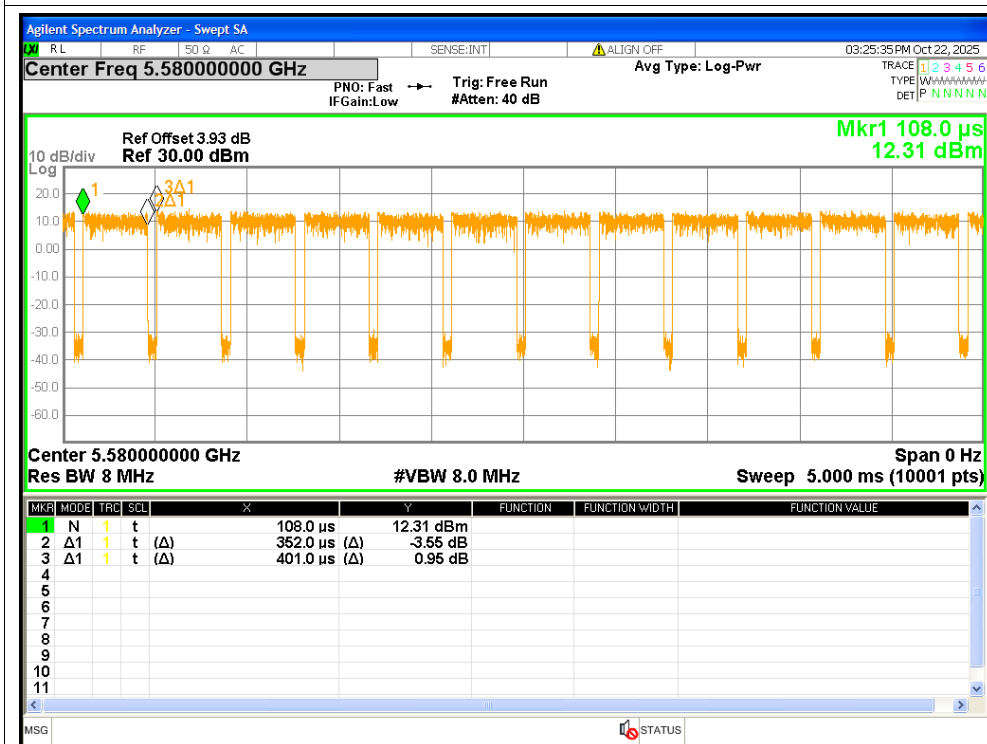
Duty Cycle NVNT a 5700MHz Ant1

Duty Cycle NVNT a 5580MHz Ant2

Duty Cycle NVNT n20 5500MHz MIMO

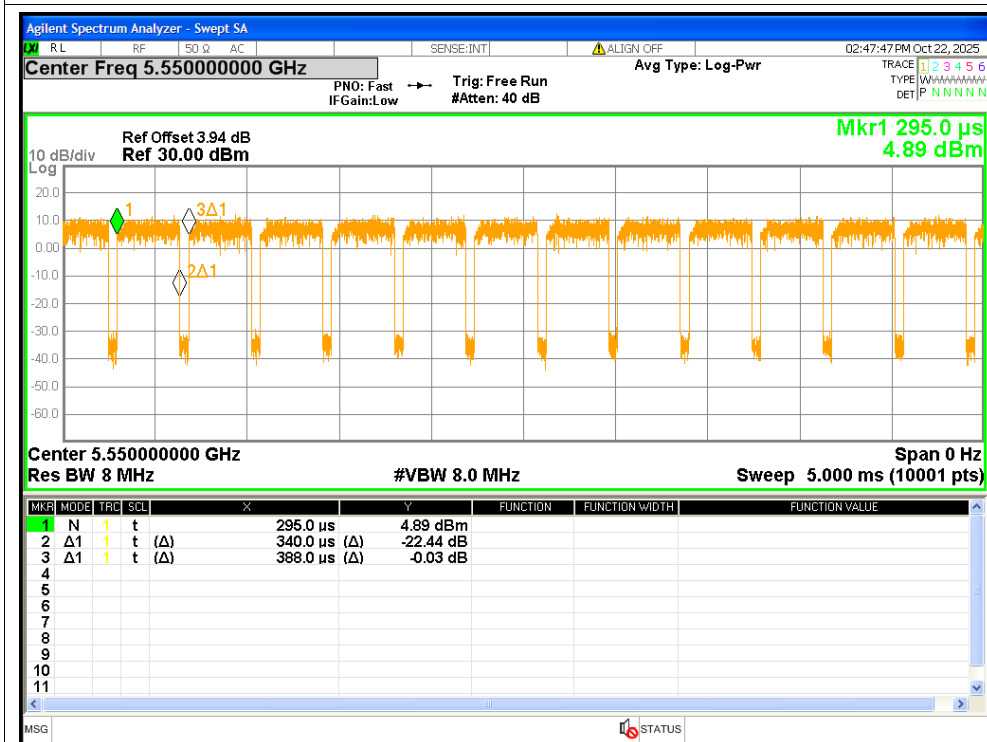


Duty Cycle NVNT n20 5580MHz MIMO

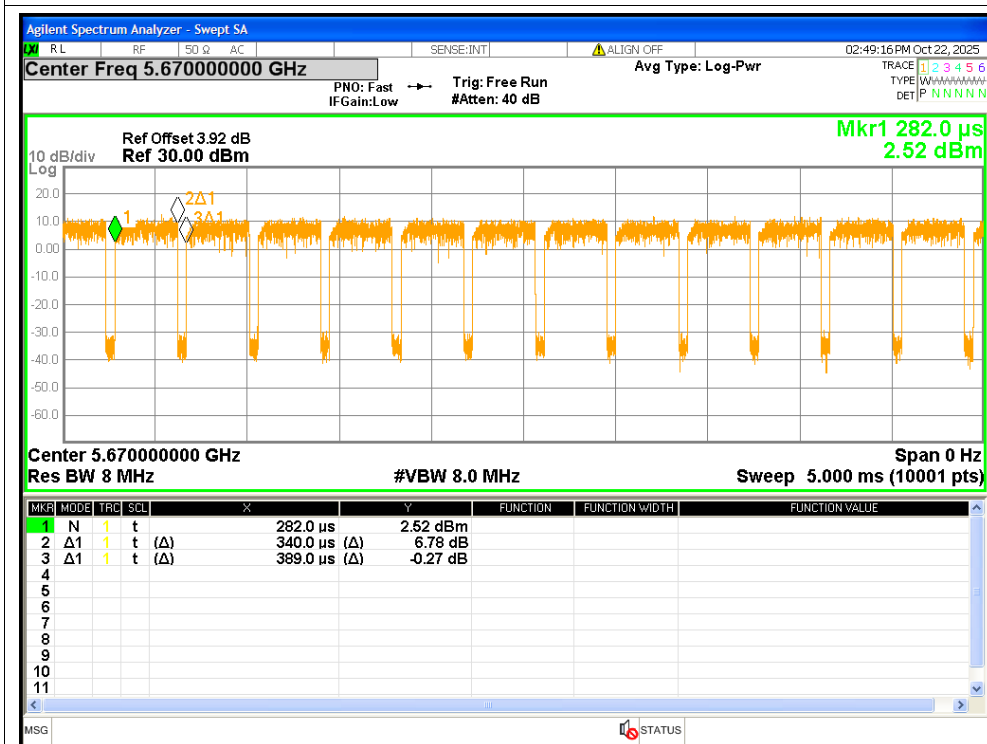


Duty Cycle NVNT n20 5700MHz MIMO

Duty Cycle NVNT n40 5550MHz MIMO



Duty Cycle NVNT n40 5670MHz MIMO



Duty Cycle NVNT ac20 5500MHz MIMO

Duty Cycle NVNT ac20 5700MHz MIMO

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	387.0 μ s	-6.54 dBm			
2	Δ 1	1	t	(Δ)	321.0 μ s (Δ)			-26.26 dB
3	Δ 1	1	t	(Δ)	369.0 μ s (Δ)			-14.23 dB

Duty Cycle NVNT ac40 5510MHz MIMO

Center Freq 5.51000000 GHz

Ref Offset 3.98 dB
Ref 30.00 dBm

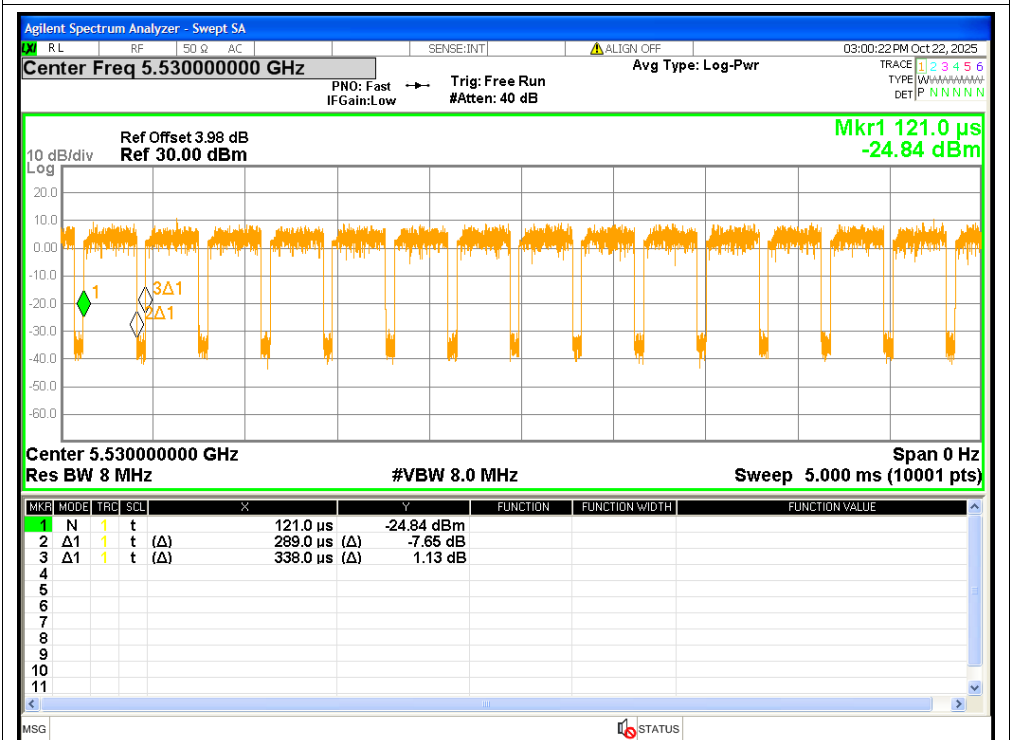
Mkr1 111.0 μ s
-12.98 dBm

Center 5.51000000 GHz
Res BW 8 MHz
#VBW 8.0 MHz
Span 0 Hz
Sweep 5.000 ms (10001 pts)

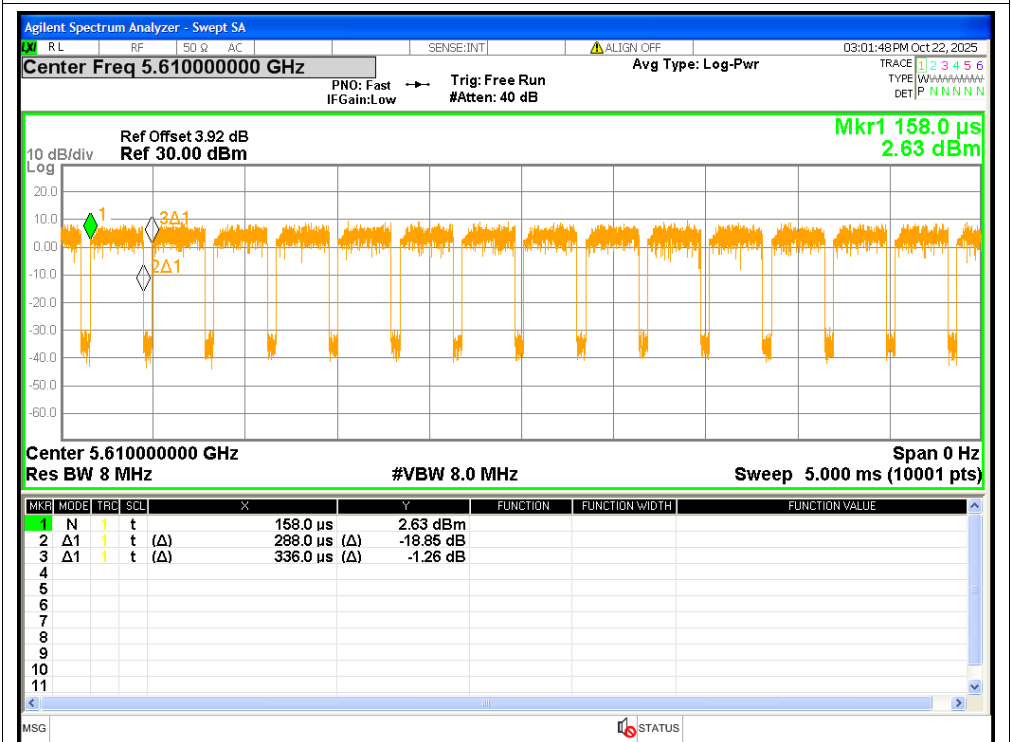
MKR	MODE	TRC	SCN	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	111.0 μ s	-12.98 dBm			
2	Δ 1	1	t	(Δ)	301.0 μ s (Δ)			-20.65 dB
3	Δ 1	1	t	(Δ)	350.0 μ s (Δ)			-0.72 dB

Duty Cycle NVNT ac40 5550MHz MIMO

Duty Cycle NVNT ac80 5530MHz MIMO



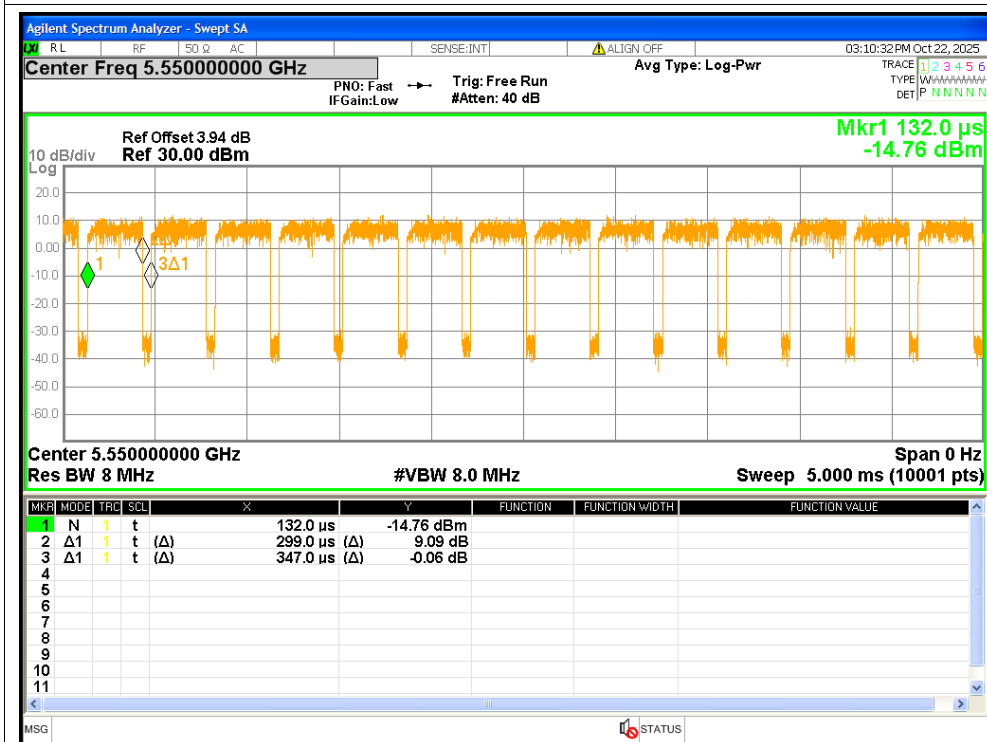
Duty Cycle NVNT ac80 5610MHz MIMO



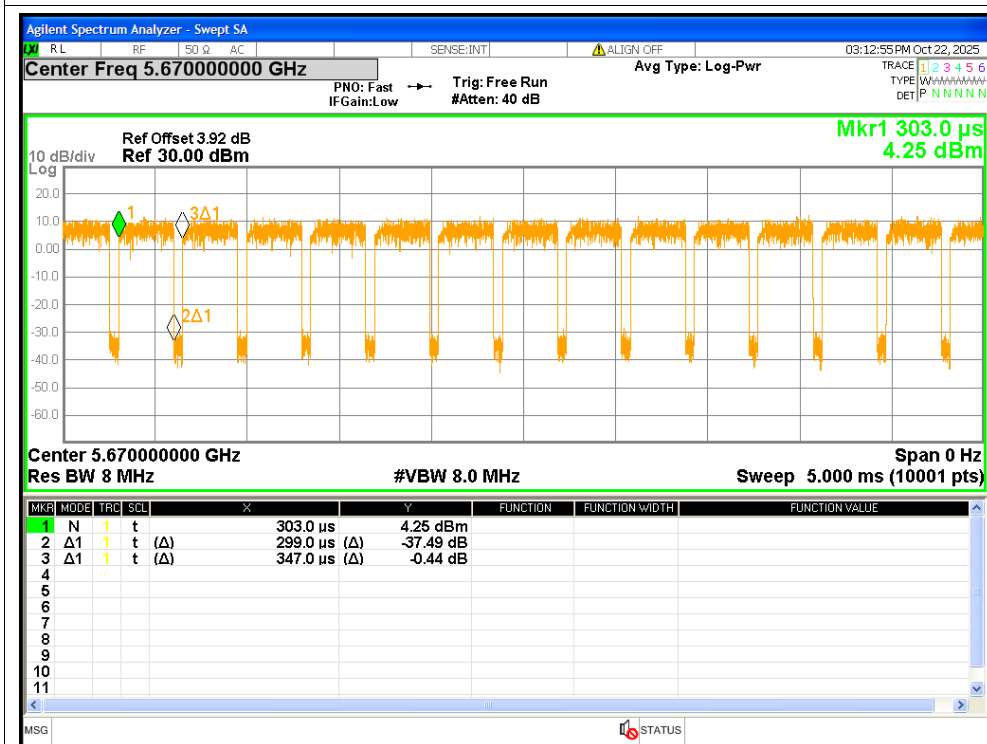
Duty Cycle NVNT ax20 5500MHz MIMO

Duty Cycle NVNT ax20 5700MHz MIMO

Duty Cycle NVNT ax40 5550MHz MIMO



Duty Cycle NVNT ax40 5670MHz MIMO



Duty Cycle NVNT ax80 5530MHz MIMO

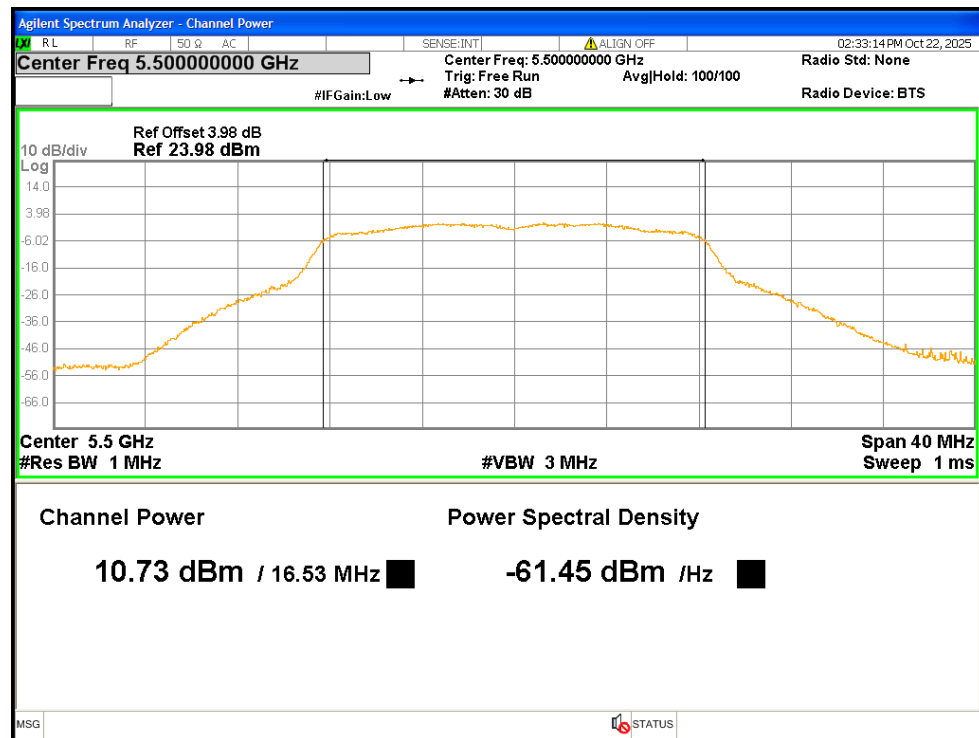
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	10.73	0.97	11.7	<=24	Pass
NVNT	a	5580	Ant1	10.61	0.95	11.56	<=24	Pass
NVNT	a	5700	Ant1	10.13	0.96	11.09	<=24	Pass
NVNT	a	5500	Ant2	11.41	0.97	12.38	<=24	Pass
NVNT	a	5580	Ant2	11.29	0.95	12.24	<=24	Pass
NVNT	a	5700	Ant2	10.59	0.94	11.53	<=24	Pass
NVNT	n20	5500	Ant1	9.89	0.56	10.45	<=24	Pass
NVNT	n20	5500	Ant2	10.63	0.56	11.19	<=24	Pass
NVNT	n20	5500	MIMO	-	-	13.85	<=24	Pass
NVNT	n20	5580	Ant1	9.92	0.57	10.49	<=24	Pass
NVNT	n20	5580	Ant2	10.59	0.57	11.16	<=24	Pass
NVNT	n20	5580	MIMO	-	-	13.85	<=24	Pass
NVNT	n20	5700	Ant1	9.47	0.55	10.02	<=24	Pass
NVNT	n20	5700	Ant2	10	0.55	10.55	<=24	Pass
NVNT	n20	5700	MIMO	-	-	13.3	<=24	Pass
NVNT	n40	5510	Ant1	9.41	0.6	10.01	<=24	Pass
NVNT	n40	5510	Ant2	10.06	0.6	10.66	<=24	Pass
NVNT	n40	5510	MIMO	-	-	13.36	<=24	Pass
NVNT	n40	5550	Ant1	9.33	0.57	9.9	<=24	Pass
NVNT	n40	5550	Ant2	10.22	0.57	10.79	<=24	Pass
NVNT	n40	5550	MIMO	-	-	13.38	<=24	Pass
NVNT	n40	5670	Ant1	9.09	0.58	9.67	<=24	Pass
NVNT	n40	5670	Ant2	9.4	0.58	9.98	<=24	Pass
NVNT	n40	5670	MIMO	-	-	12.84	<=24	Pass
NVNT	ac20	5500	Ant1	8.72	0.62	9.34	<=24	Pass
NVNT	ac20	5500	Ant2	9.32	0.62	9.94	<=24	Pass
NVNT	ac20	5500	MIMO	-	-	12.66	<=24	Pass
NVNT	ac20	5580	Ant1	8.63	0.62	9.25	<=24	Pass
NVNT	ac20	5580	Ant2	9.32	0.62	9.94	<=24	Pass
NVNT	ac20	5580	MIMO	-	-	12.62	<=24	Pass
NVNT	ac20	5700	Ant1	8.32	0.61	8.93	<=24	Pass
NVNT	ac20	5700	Ant2	8.74	0.61	9.35	<=24	Pass
NVNT	ac20	5700	MIMO	-	-	12.16	<=24	Pass
NVNT	ac40	5510	Ant1	9.37	0.66	10.03	<=24	Pass
NVNT	ac40	5510	Ant2	9.93	0.66	10.59	<=24	Pass
NVNT	ac40	5510	MIMO	-	-	13.33	<=24	Pass
NVNT	ac40	5550	Ant1	9.2	0.64	9.84	<=24	Pass
NVNT	ac40	5550	Ant2	10.11	0.64	10.75	<=24	Pass
NVNT	ac40	5550	MIMO	-	-	13.33	<=24	Pass
NVNT	ac40	5670	Ant1	8.91	0.66	9.57	<=24	Pass

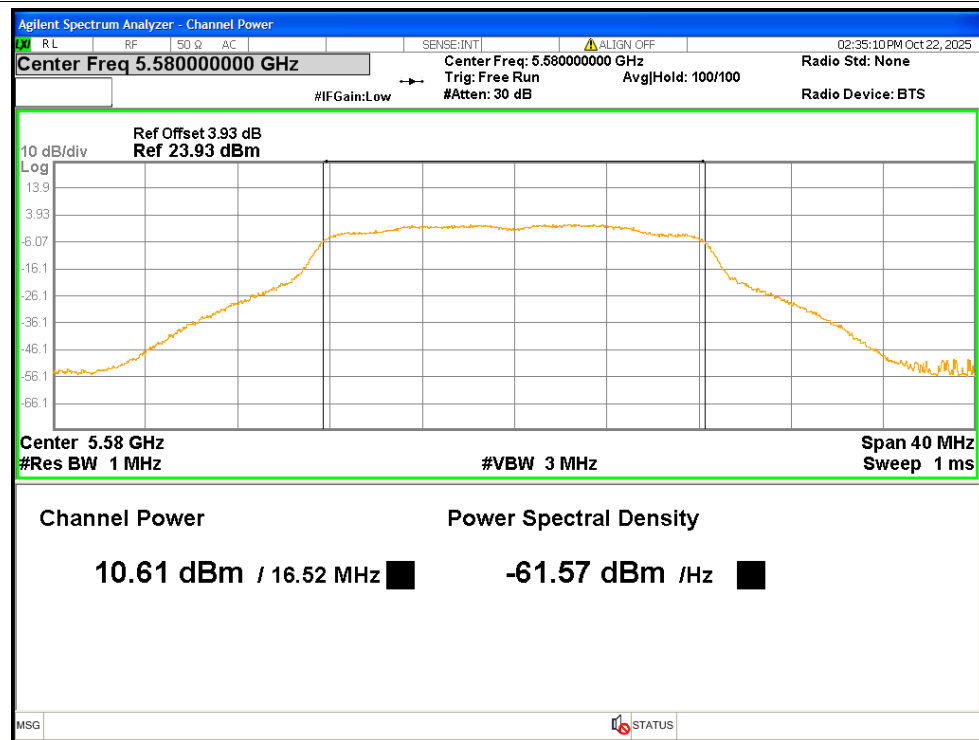
NVNT	ac40	5670	Ant2	9.32	0.66	9.98	<=24	Pass
NVNT	ac40	5670	MIMO	-	-	12.79	<=24	Pass
NVNT	ac80	5530	Ant1	9.44	0.68	10.12	<=24	Pass
NVNT	ac80	5530	Ant2	10.23	0.68	10.91	<=24	Pass
NVNT	ac80	5530	MIMO	-	-	13.54	<=24	Pass
NVNT	ac80	5610	Ant1	9.38	0.67	10.05	<=24	Pass
NVNT	ac80	5610	Ant2	10.09	0.67	10.76	<=24	Pass
NVNT	ac80	5610	MIMO	-	-	13.43	<=24	Pass
NVNT	ax20	5500	Ant1	8.97	0.42	9.39	<=24	Pass
NVNT	ax20	5500	Ant2	9.56	0.42	9.98	<=24	Pass
NVNT	ax20	5500	MIMO	-	-	12.71	<=24	Pass
NVNT	ax20	5580	Ant1	8.96	0.42	9.38	<=24	Pass
NVNT	ax20	5580	Ant2	9.68	0.42	10.1	<=24	Pass
NVNT	ax20	5580	MIMO	-	-	12.77	<=24	Pass
NVNT	ax20	5700	Ant1	8.53	0.4	8.93	<=24	Pass
NVNT	ax20	5700	Ant2	9.04	0.4	9.44	<=24	Pass
NVNT	ax20	5700	MIMO	-	-	12.2	<=24	Pass
NVNT	ax40	5510	Ant1	9.07	0.68	9.75	<=24	Pass
NVNT	ax40	5510	Ant2	9.61	0.68	10.29	<=24	Pass
NVNT	ax40	5510	MIMO	-	-	13.04	<=24	Pass
NVNT	ax40	5550	Ant1	9	0.65	9.65	<=24	Pass
NVNT	ax40	5550	Ant2	9.79	0.65	10.44	<=24	Pass
NVNT	ax40	5550	MIMO	-	-	13.07	<=24	Pass
NVNT	ax40	5670	Ant1	8.64	0.65	9.29	<=24	Pass
NVNT	ax40	5670	Ant2	9.02	0.65	9.67	<=24	Pass
NVNT	ax40	5670	MIMO	-	-	12.49	<=24	Pass
NVNT	ax80	5530	Ant1	9.19	0.68	9.87	<=24	Pass
NVNT	ax80	5530	Ant2	9.89	0.68	10.57	<=24	Pass
NVNT	ax80	5530	MIMO	-	-	13.24	<=24	Pass
NVNT	ax80	5610	Ant1	9.08	0.65	9.73	<=24	Pass
NVNT	ax80	5610	Ant2	9.69	0.65	10.34	<=24	Pass
NVNT	ax80	5610	MIMO	-	-	13.06	<=24	Pass

Test Graphs

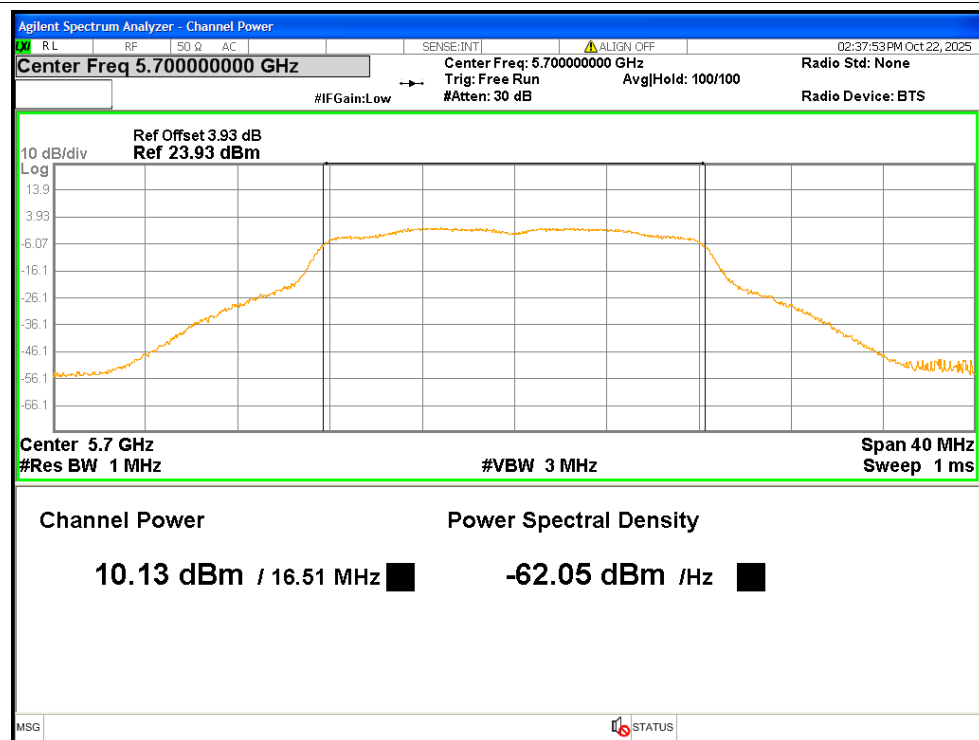
Power NVNT a 5500MHz Ant1



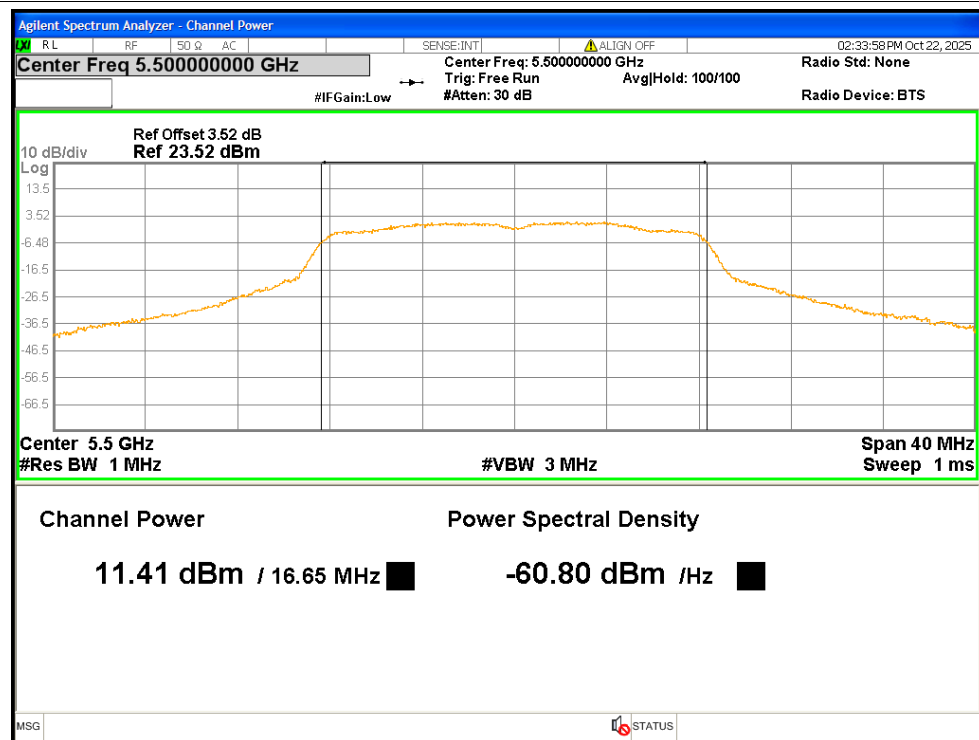
Power NVNT a 5580MHz Ant1



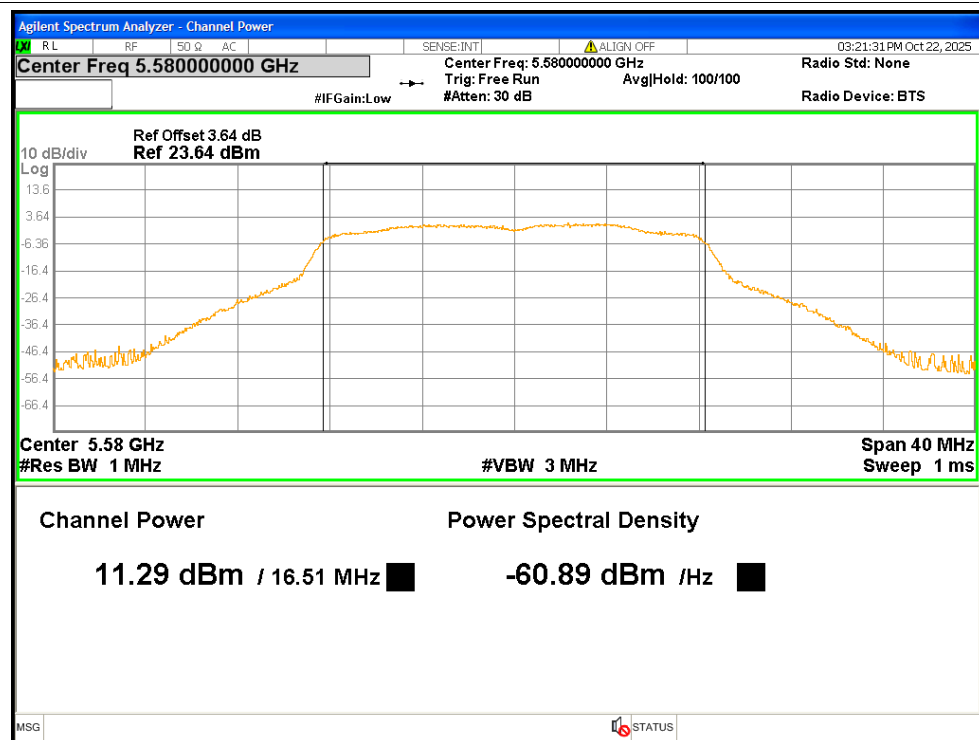
Power NVNT a 5700MHz Ant1



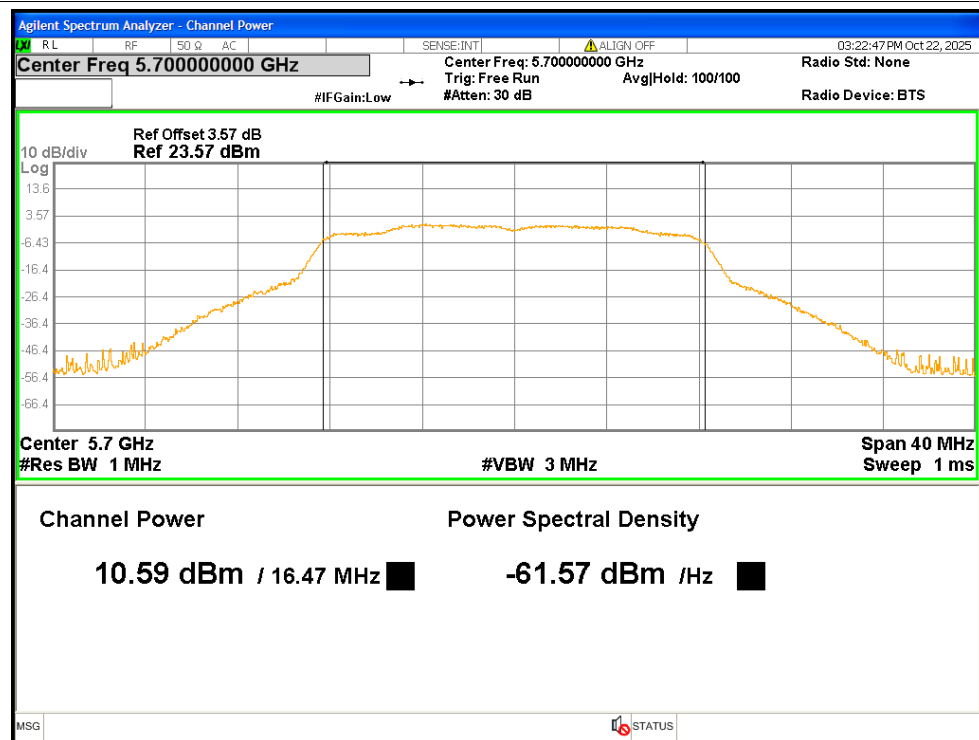
Power NVNT a 5500MHz Ant2



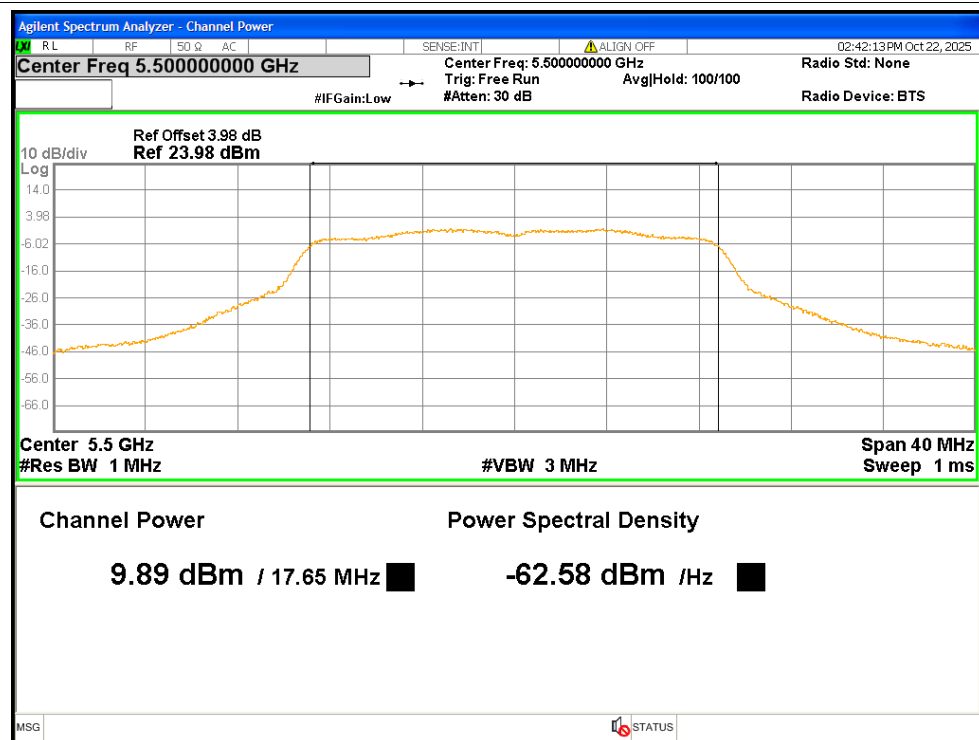
Power NVNT a 5580MHz Ant2



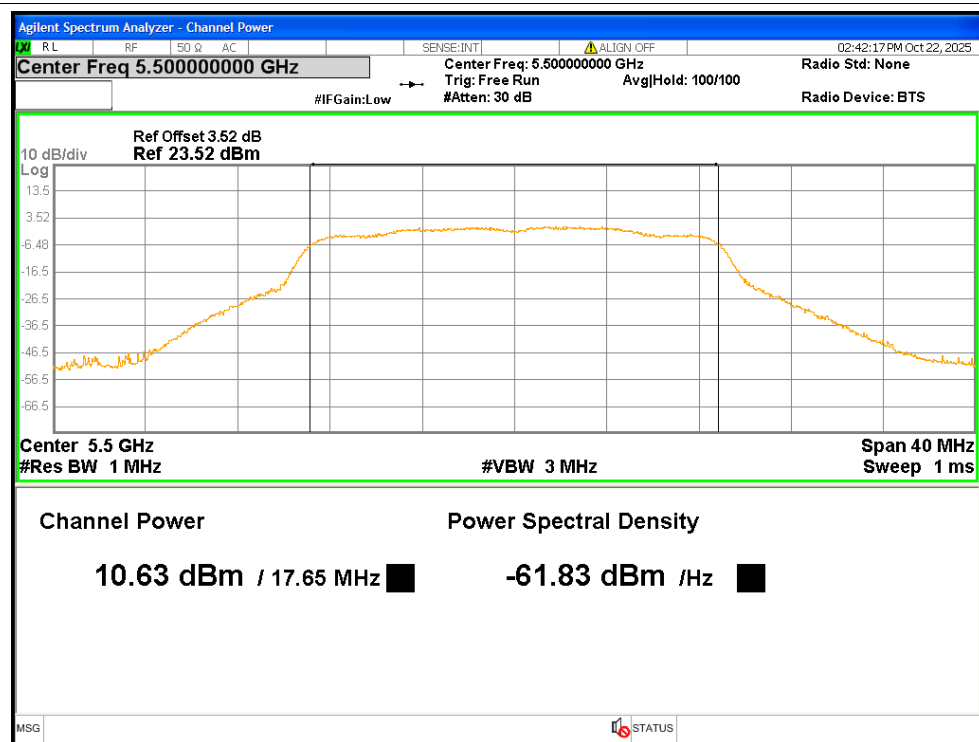
Power NVNT a 5700MHz Ant2



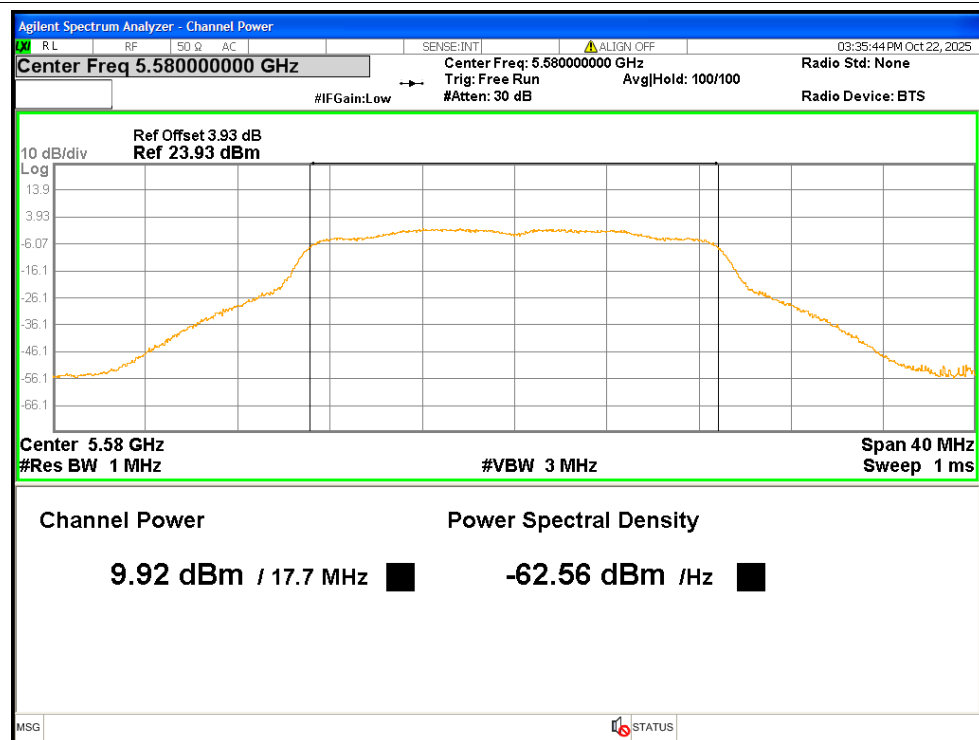
Power NVNT n20 5500MHz Ant1



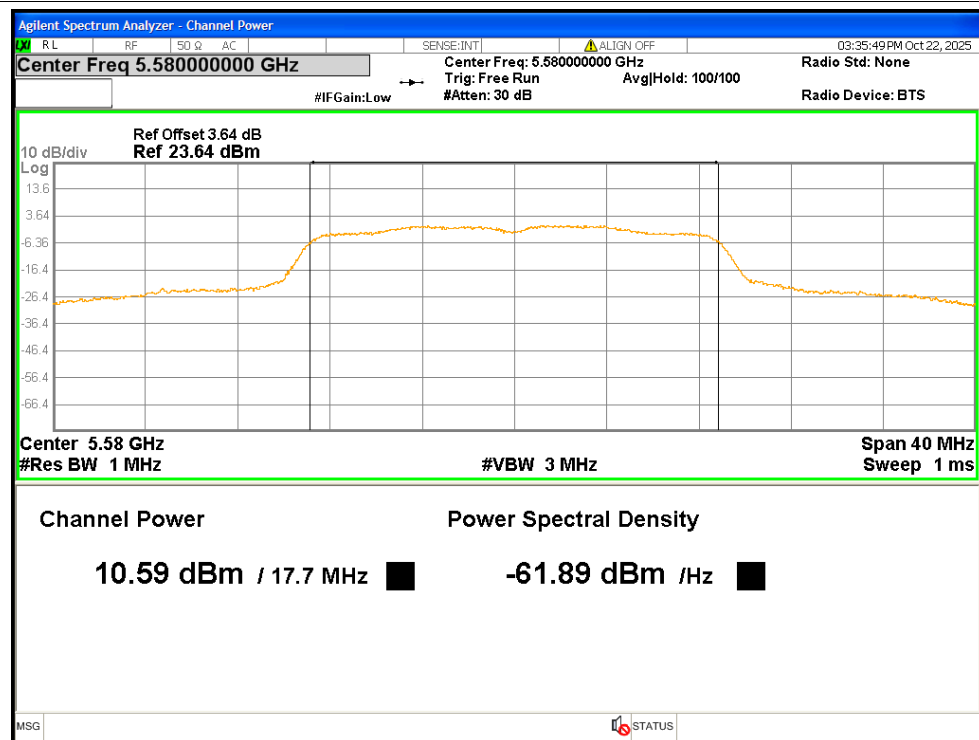
Power NVNT n20 5500MHz Ant2



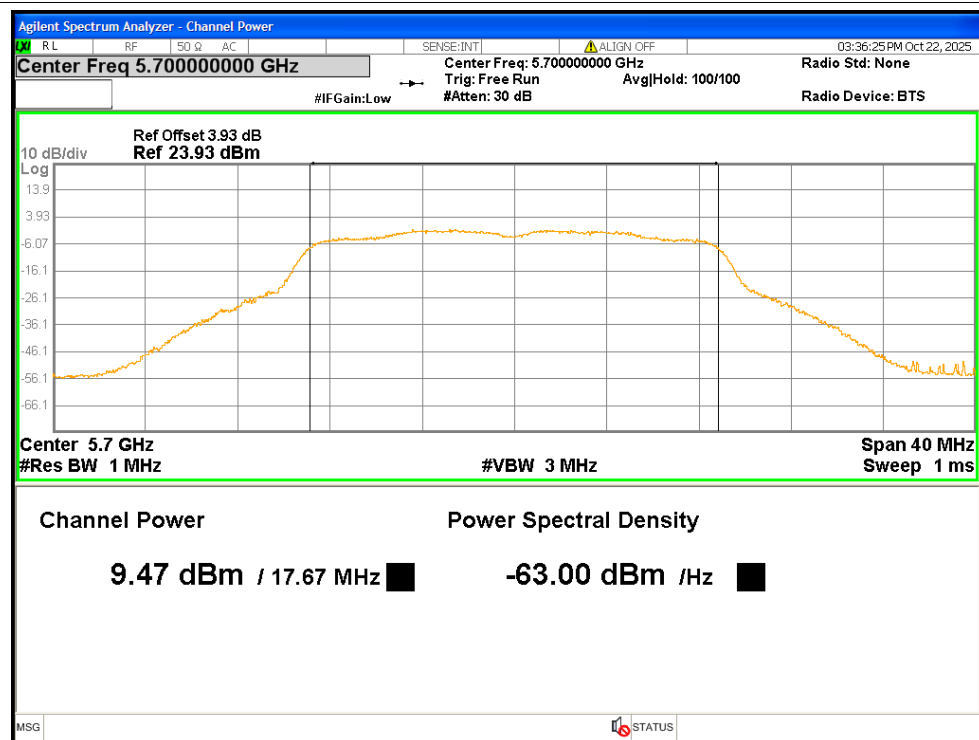
Power NVNT n20 5580MHz Ant1



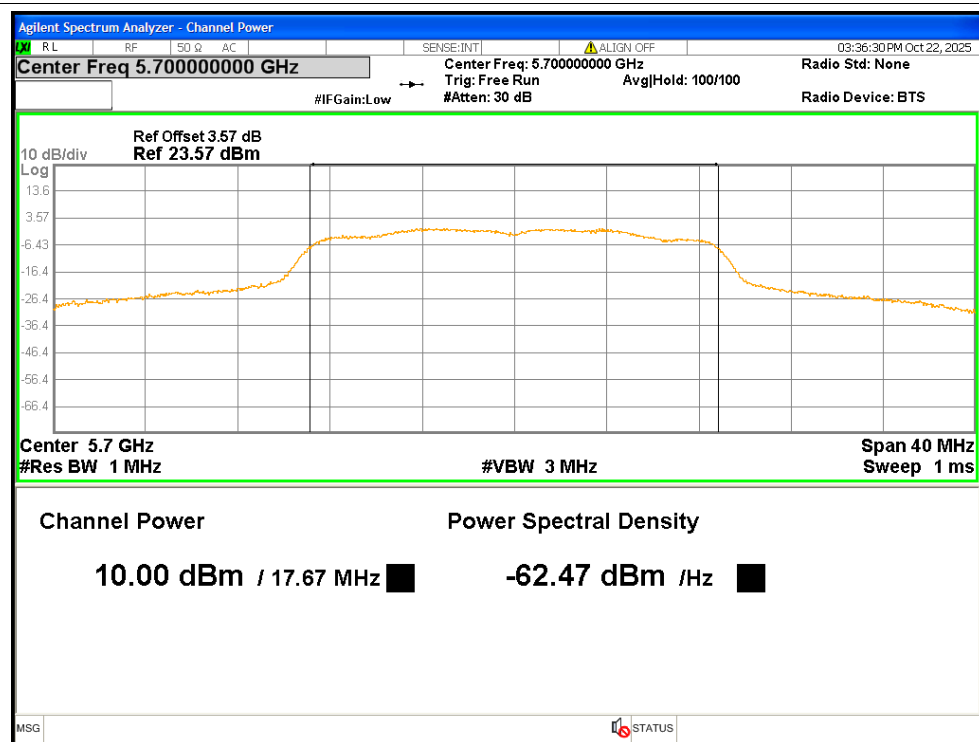
Power NVNT n20 5580MHz Ant2



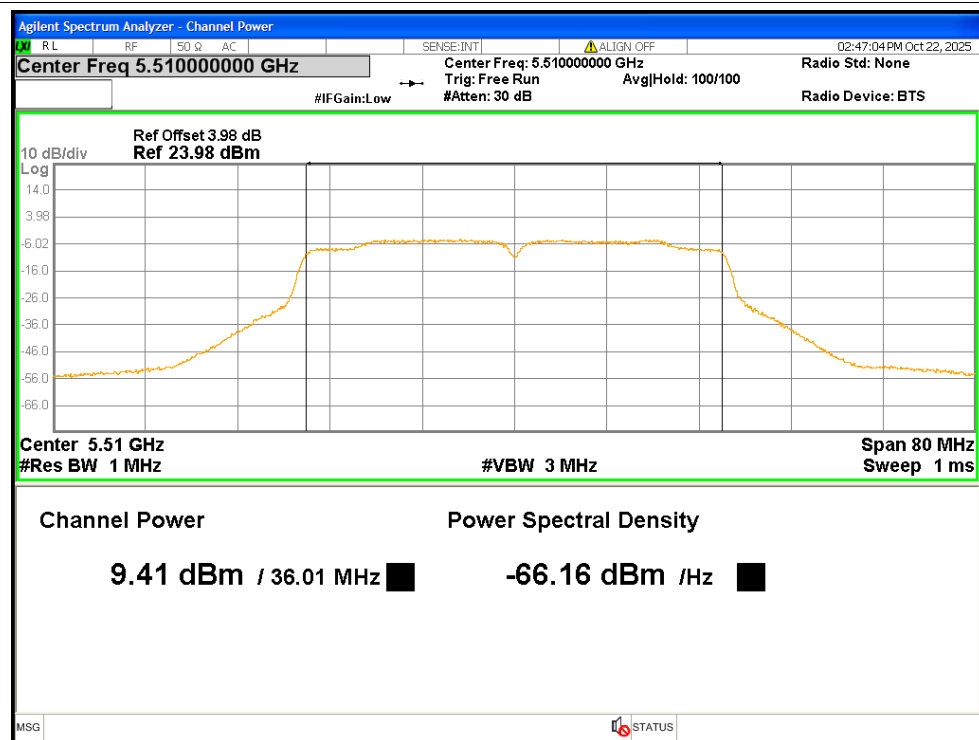
Power NVNT n20 5700MHz Ant1



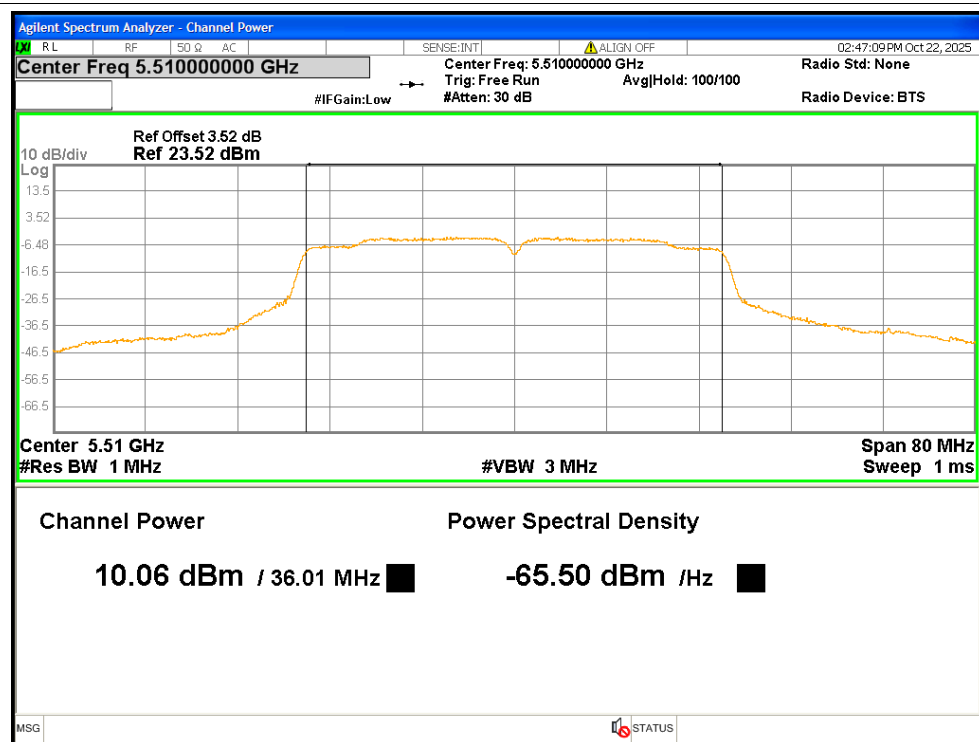
Power NVNT n20 5700MHz Ant2



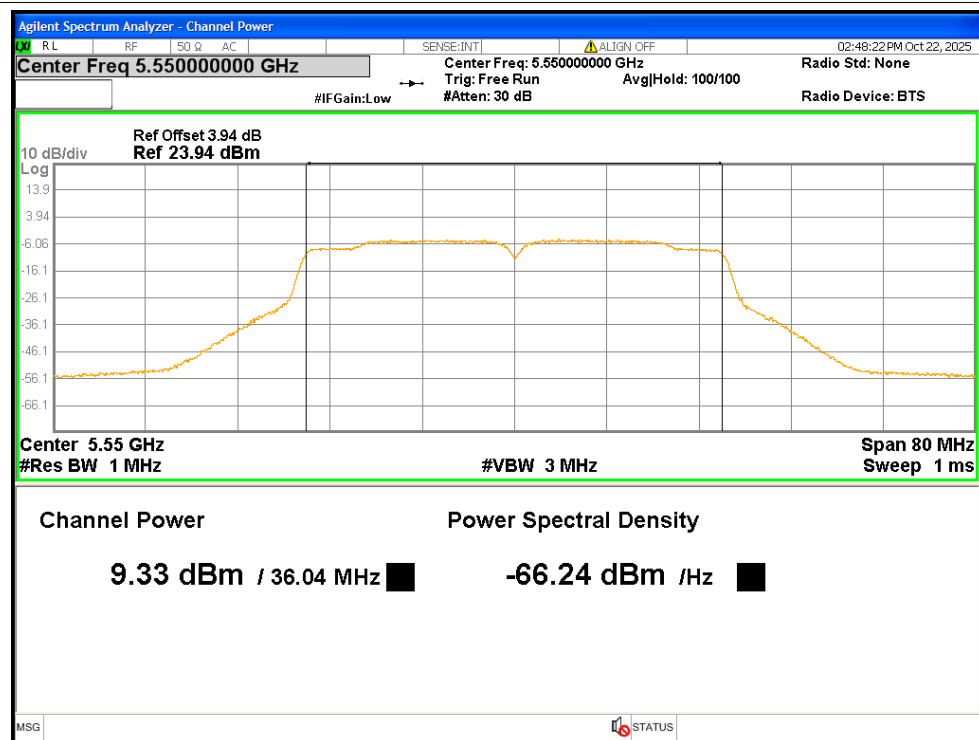
Power NVNT n40 5510MHz Ant1



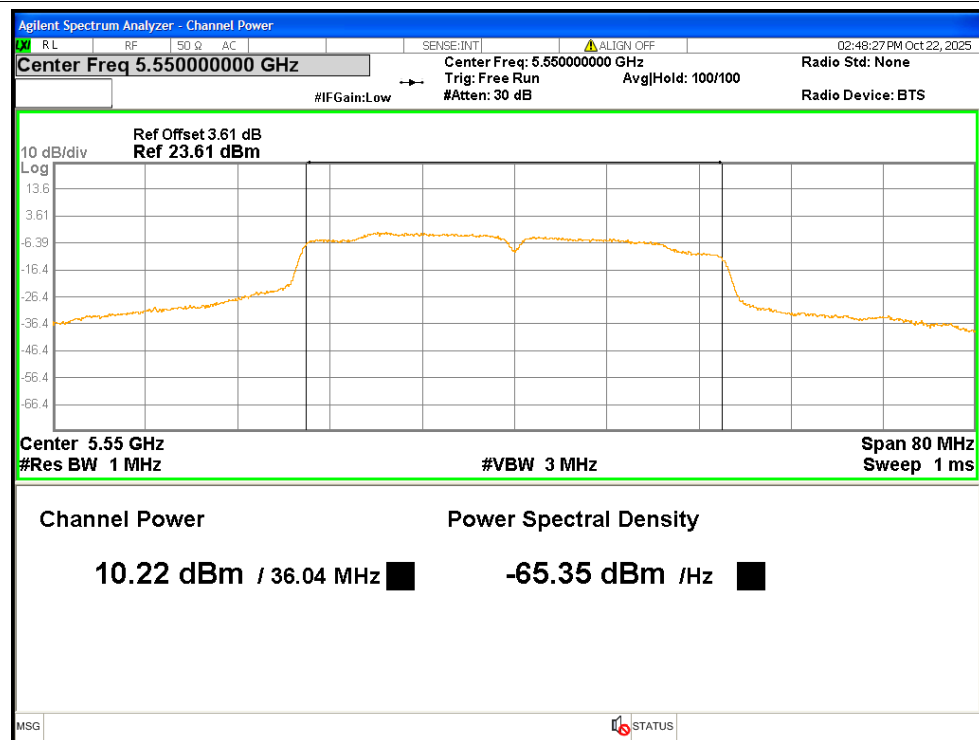
Power NVNT n40 5510MHz Ant2



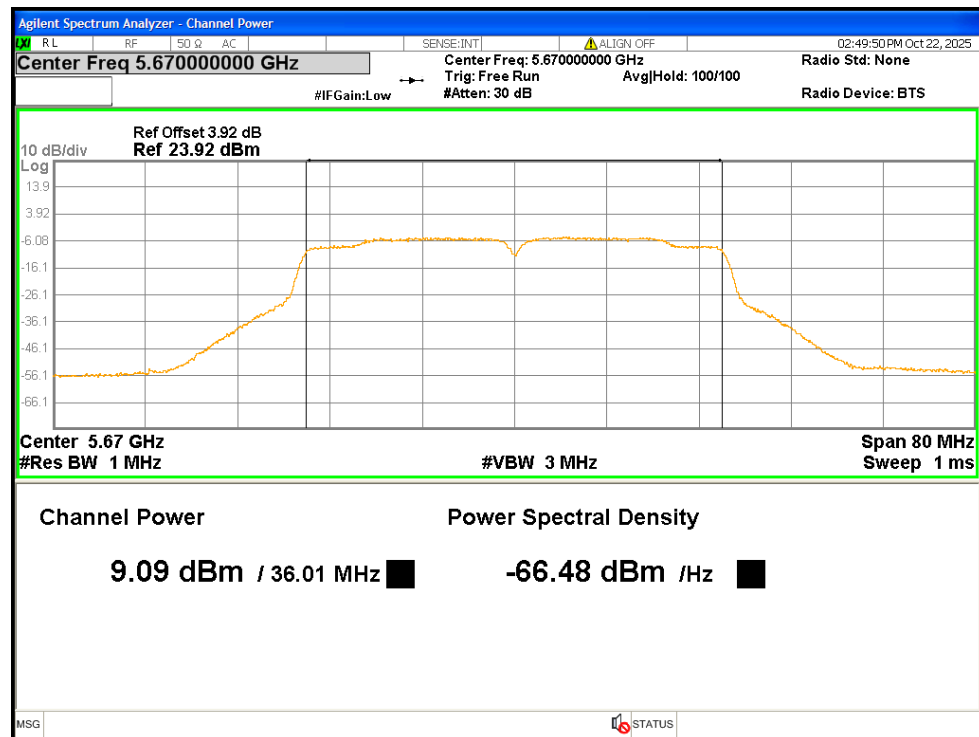
Power NVNT n40 5550MHz Ant1



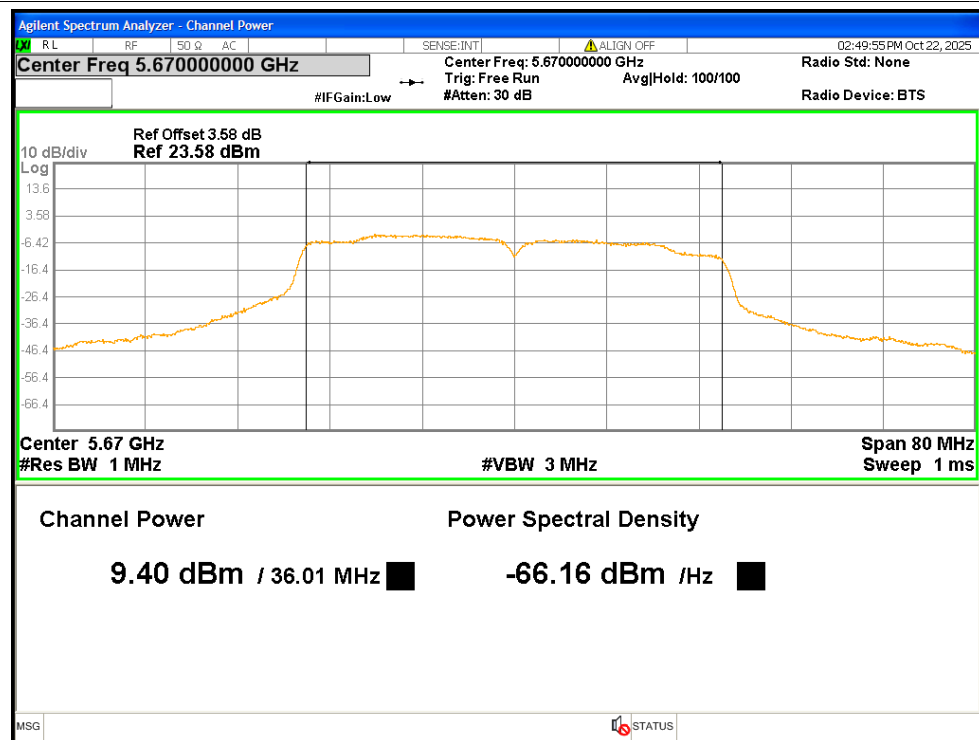
Power NVNT n40 5550MHz Ant2



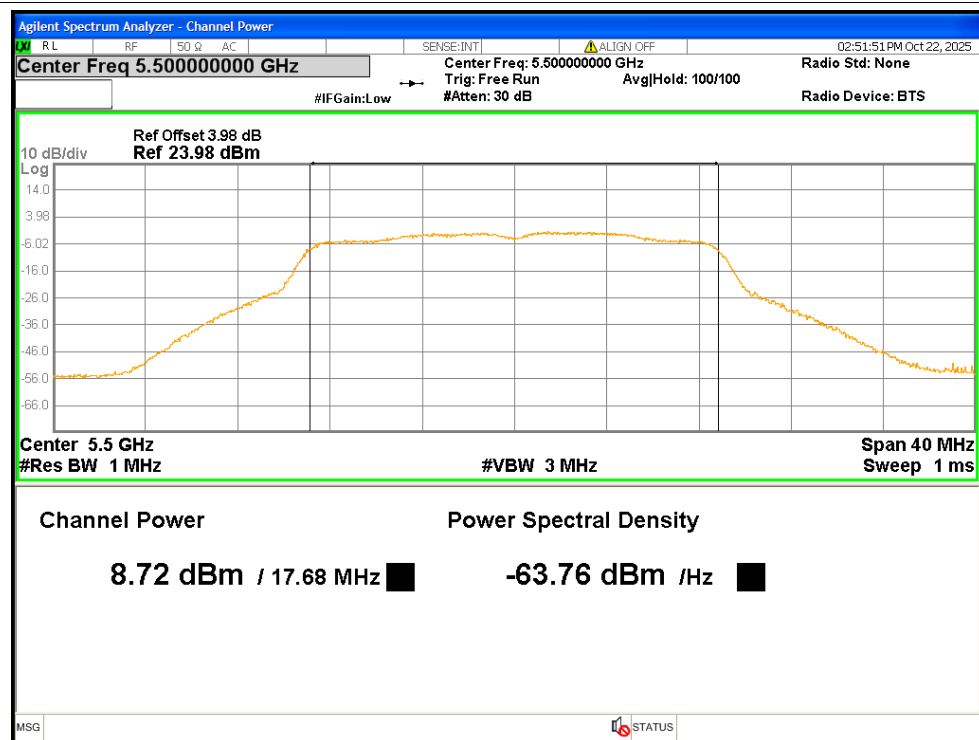
Power NVNT n40 5670MHz Ant1



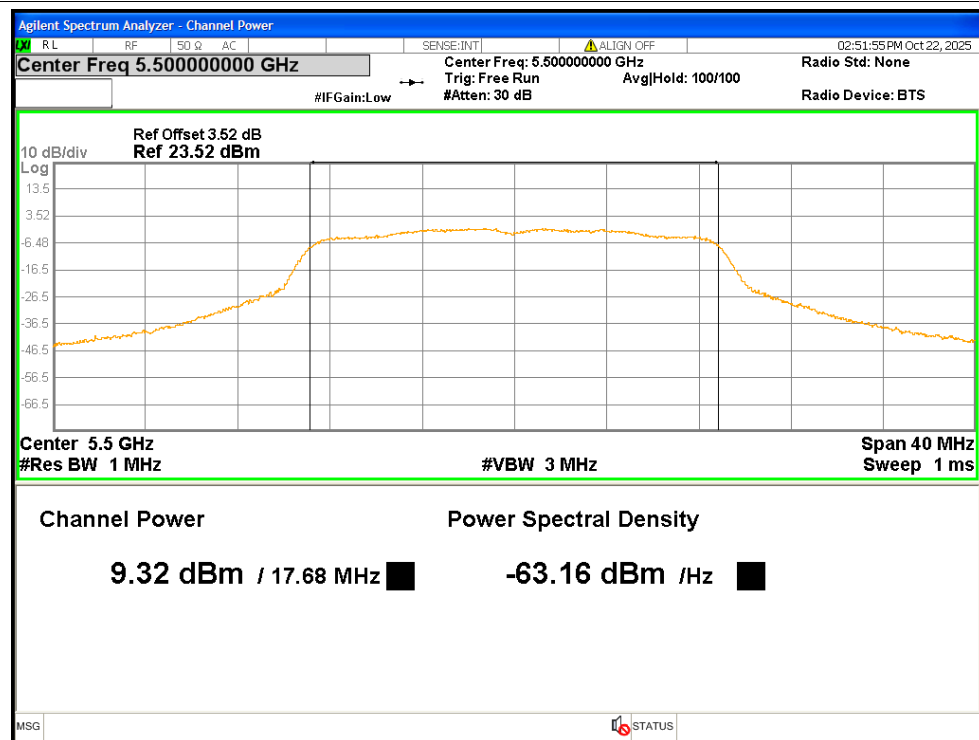
Power NVNT n40 5670MHz Ant2



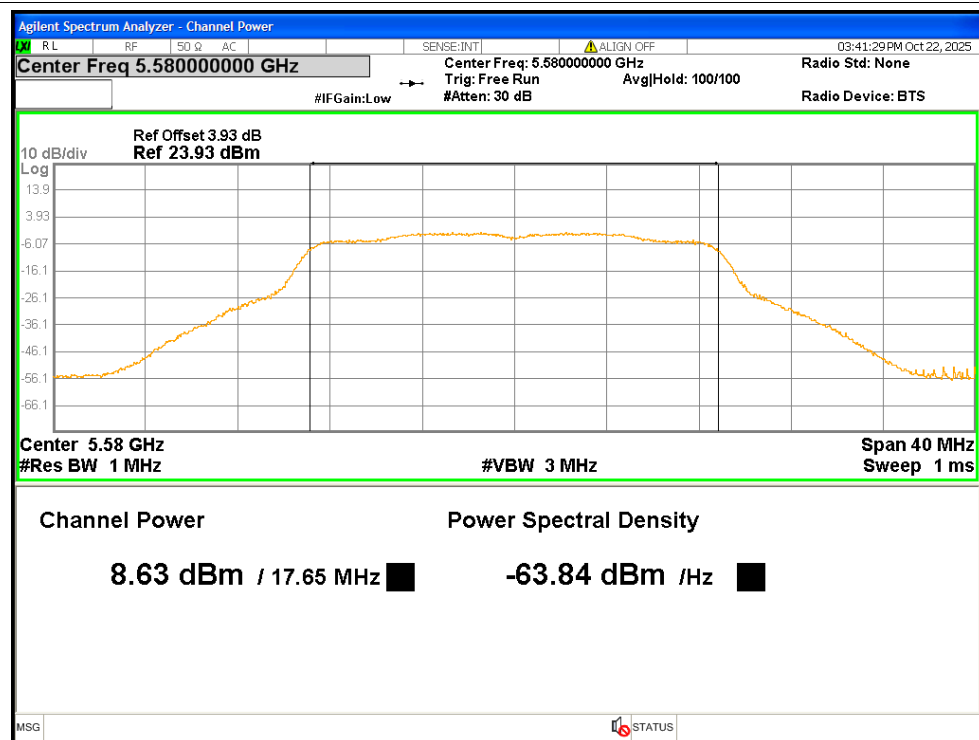
Power NVNT ac20 5500MHz Ant1



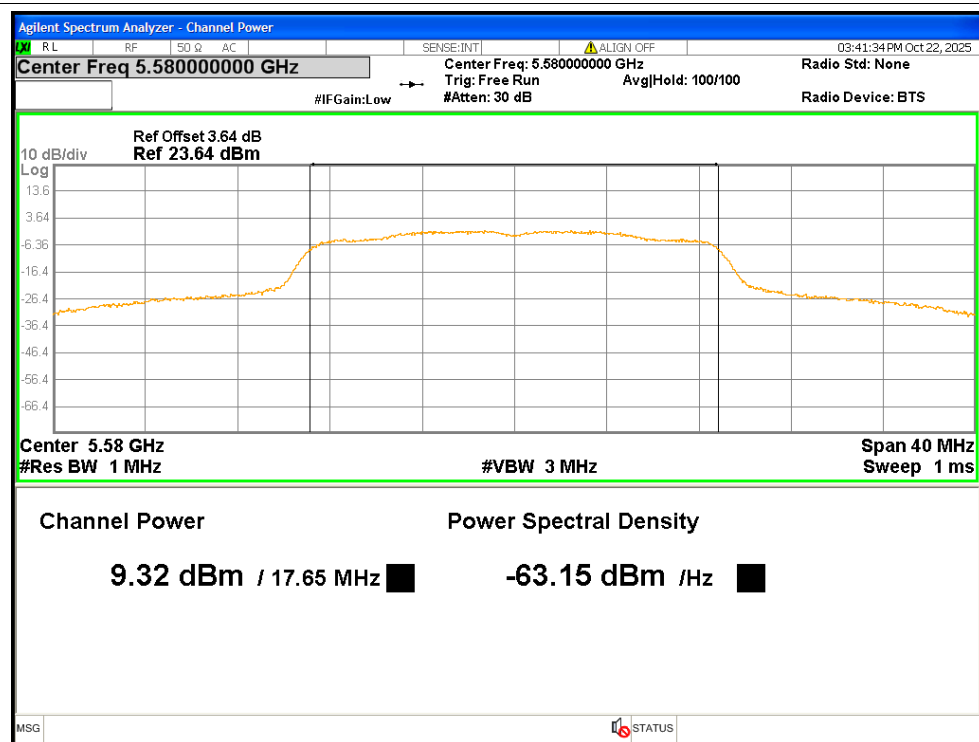
Power NVNT ac20 5500MHz Ant2



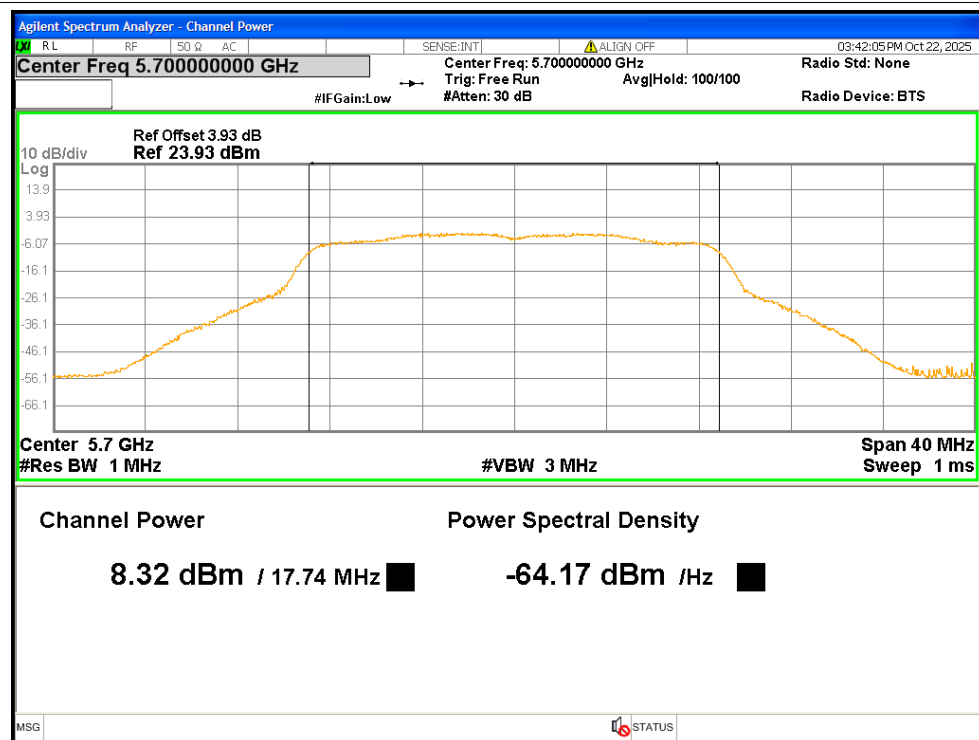
Power NVNT ac20 5580MHz Ant1



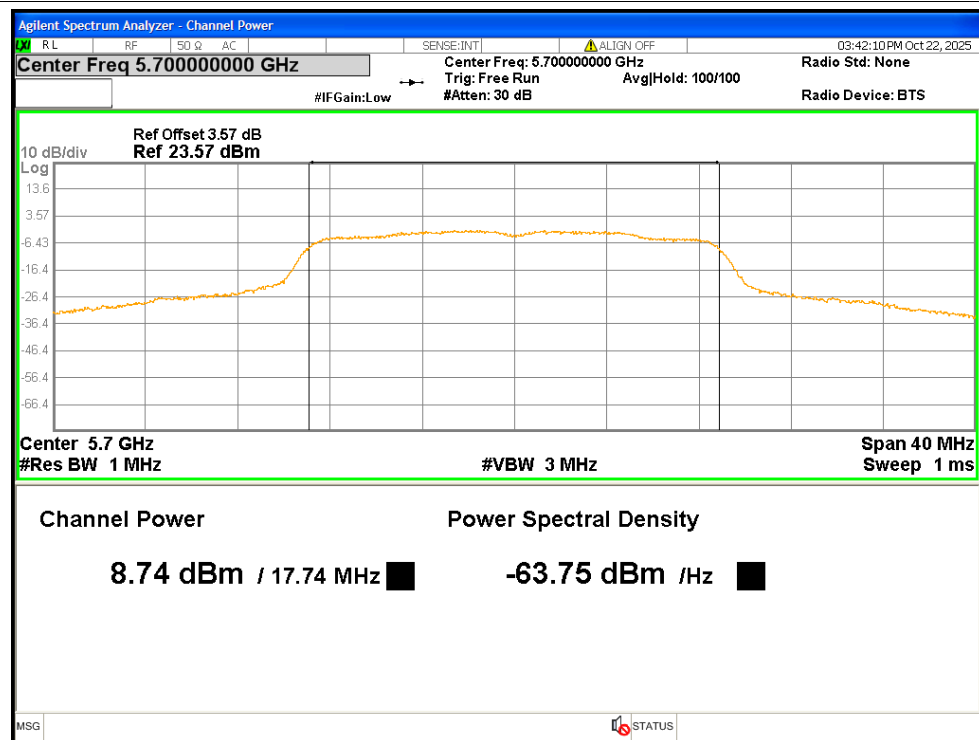
Power NVNT ac20 5580MHz Ant2



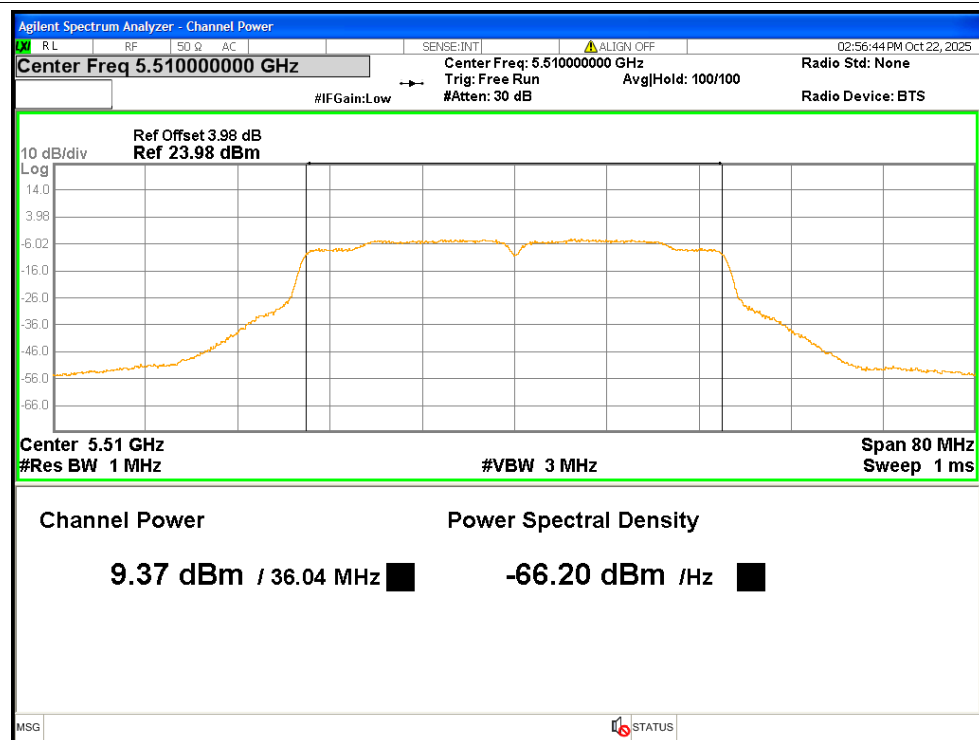
Power NVNT ac20 5700MHz Ant1



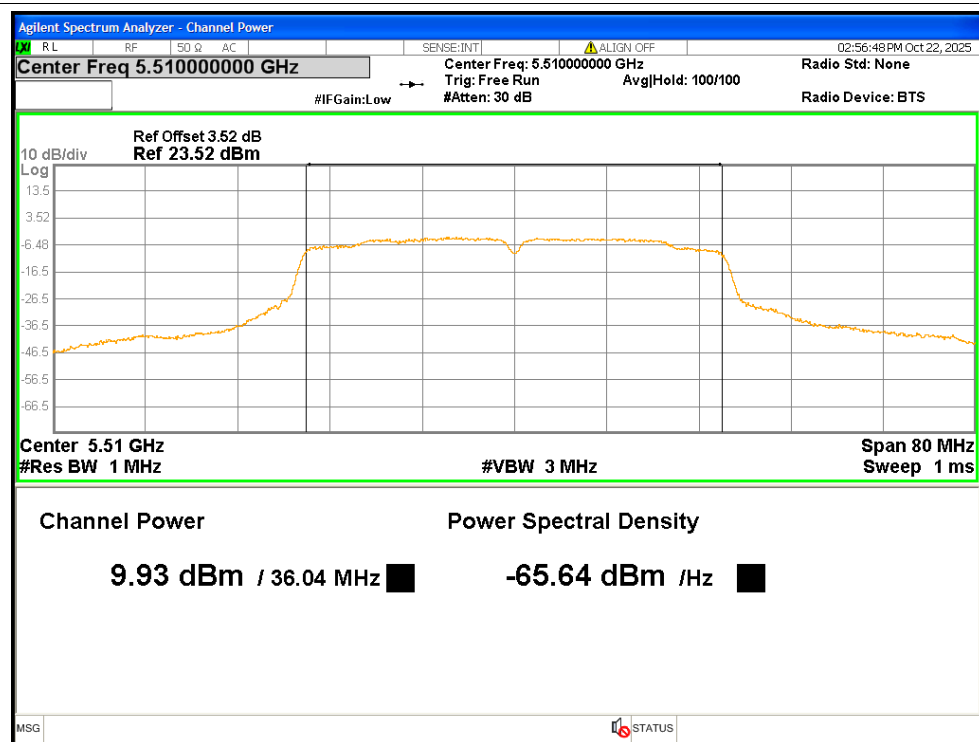
Power NVNT ac20 5700MHz Ant2



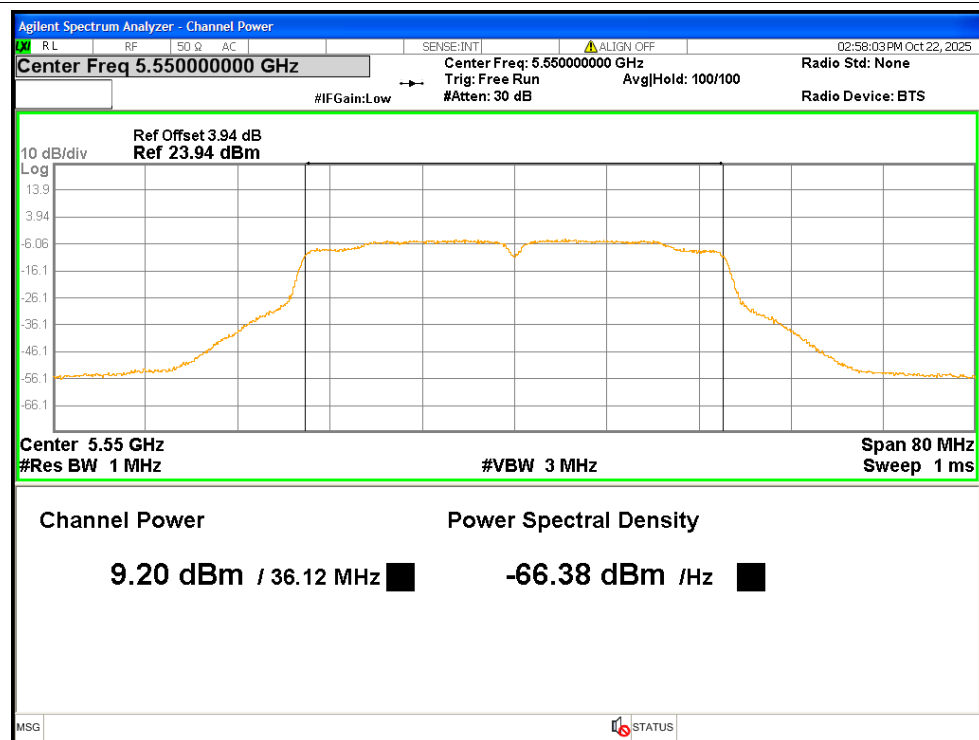
Power NVNT ac40 5510MHz Ant1



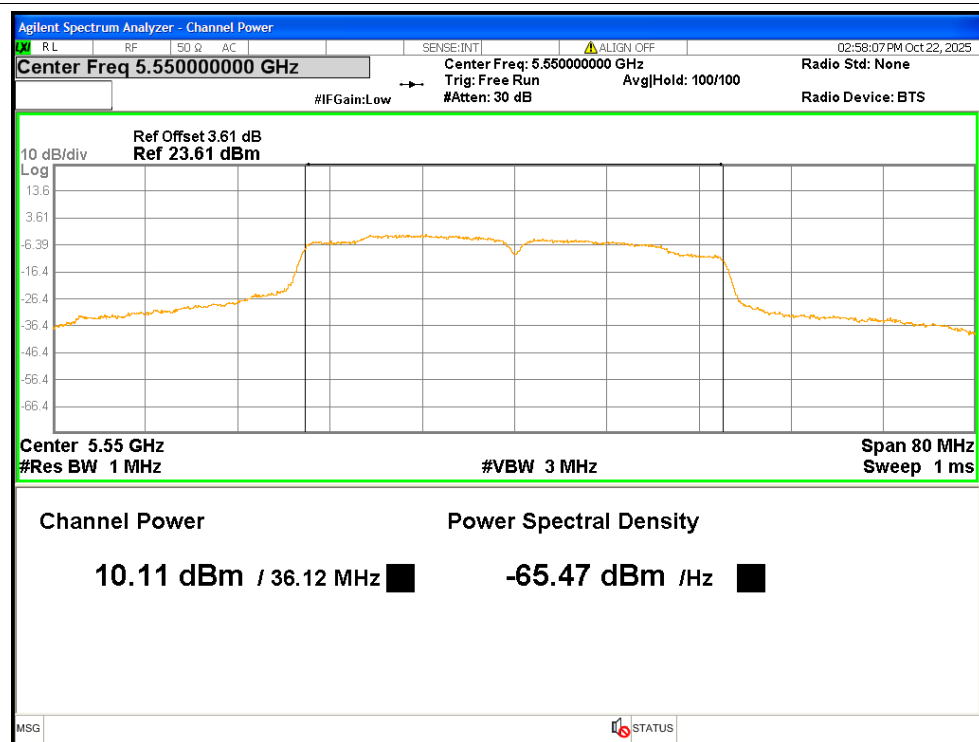
Power NVNT ac40 5510MHz Ant2



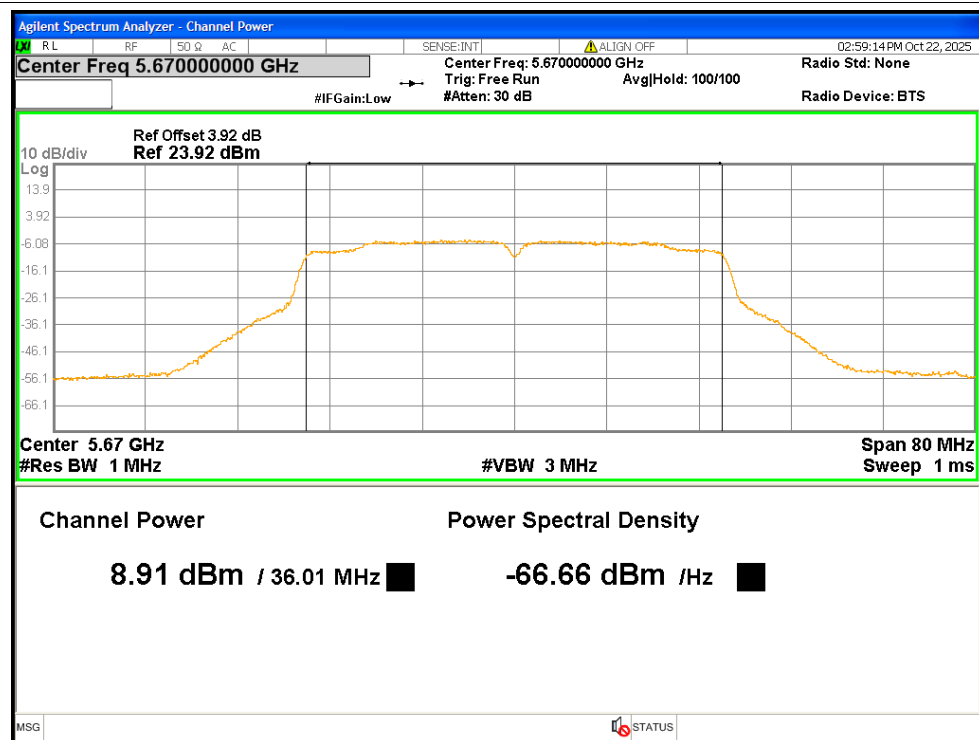
Power NVNT ac40 5550MHz Ant1



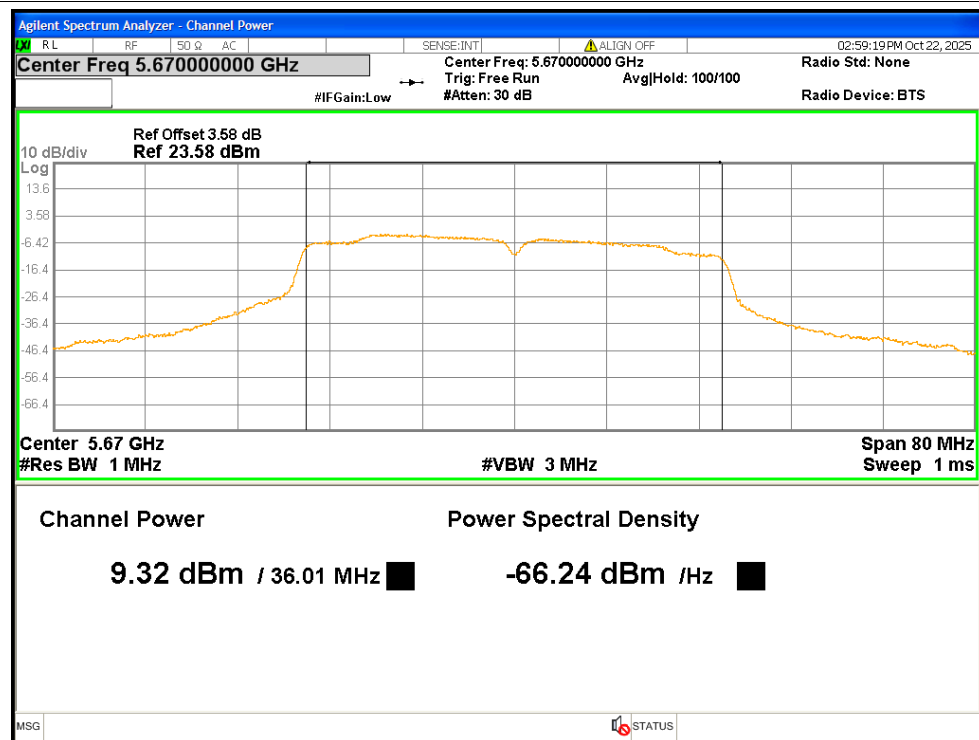
Power NVNT ac40 5550MHz Ant2



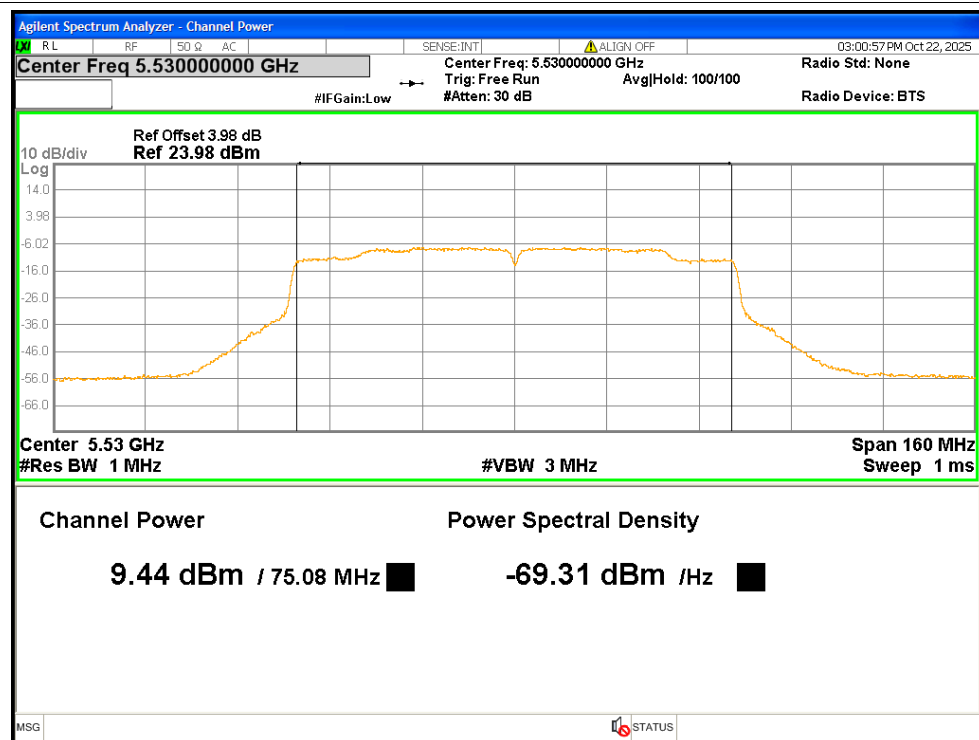
Power NVNT ac40 5670MHz Ant1



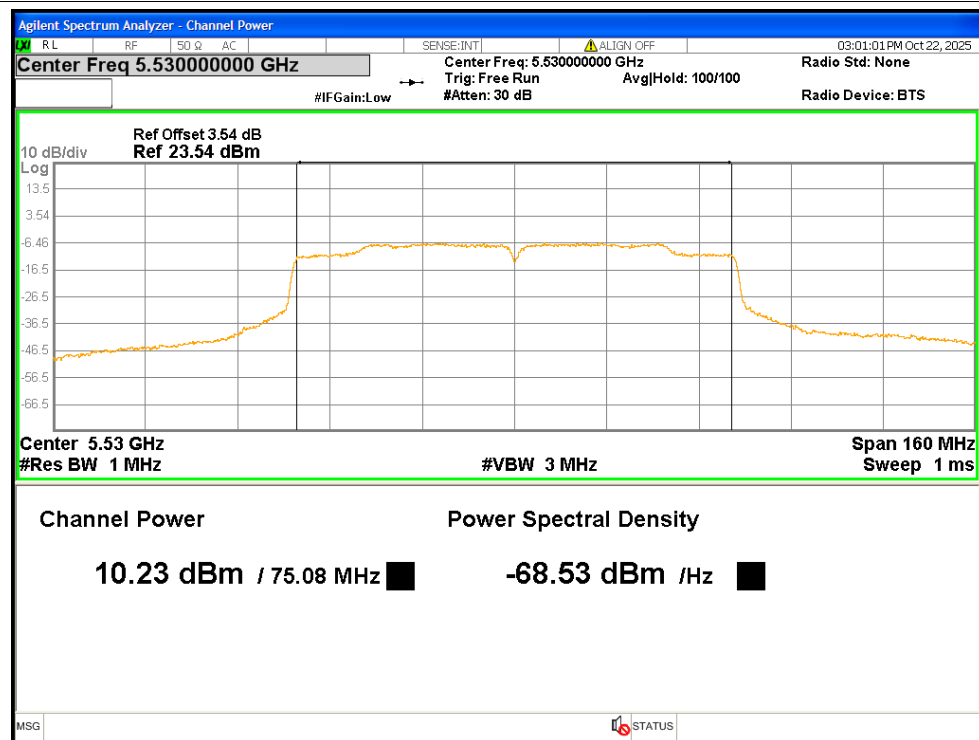
Power NVNT ac40 5670MHz Ant2



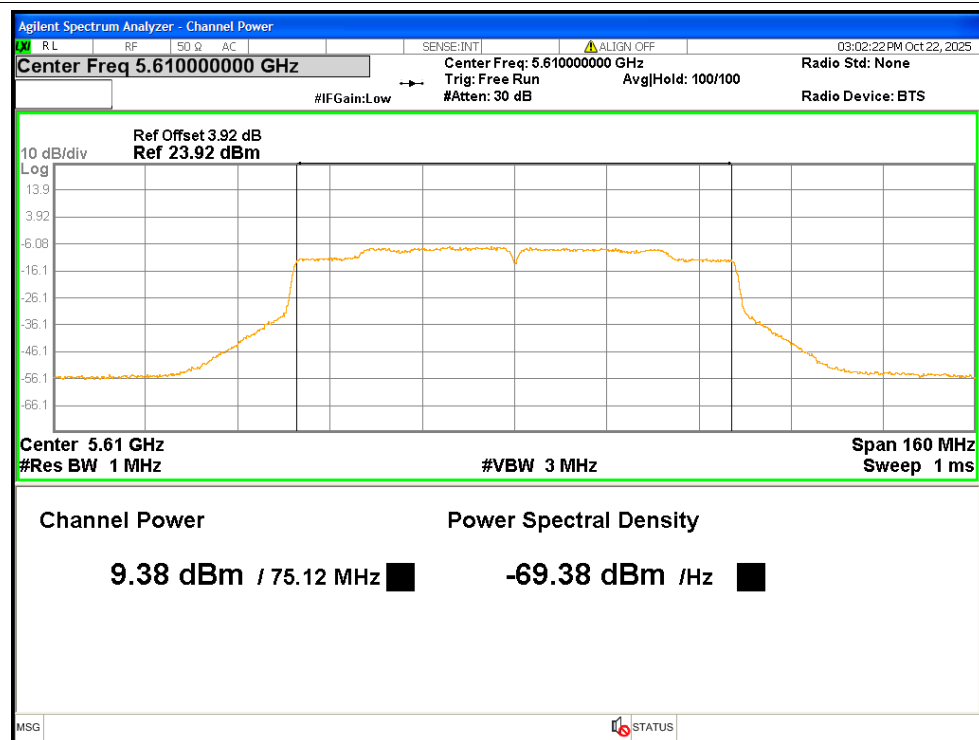
Power NVNT ac80 5530MHz Ant1



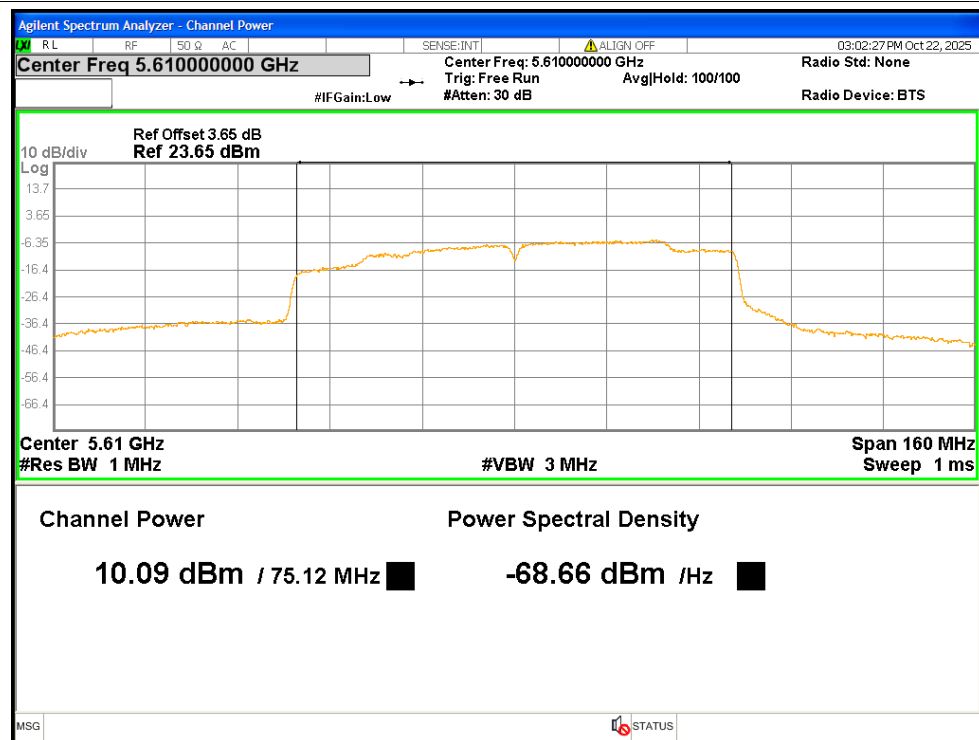
Power NVNT ac80 5530MHz Ant2



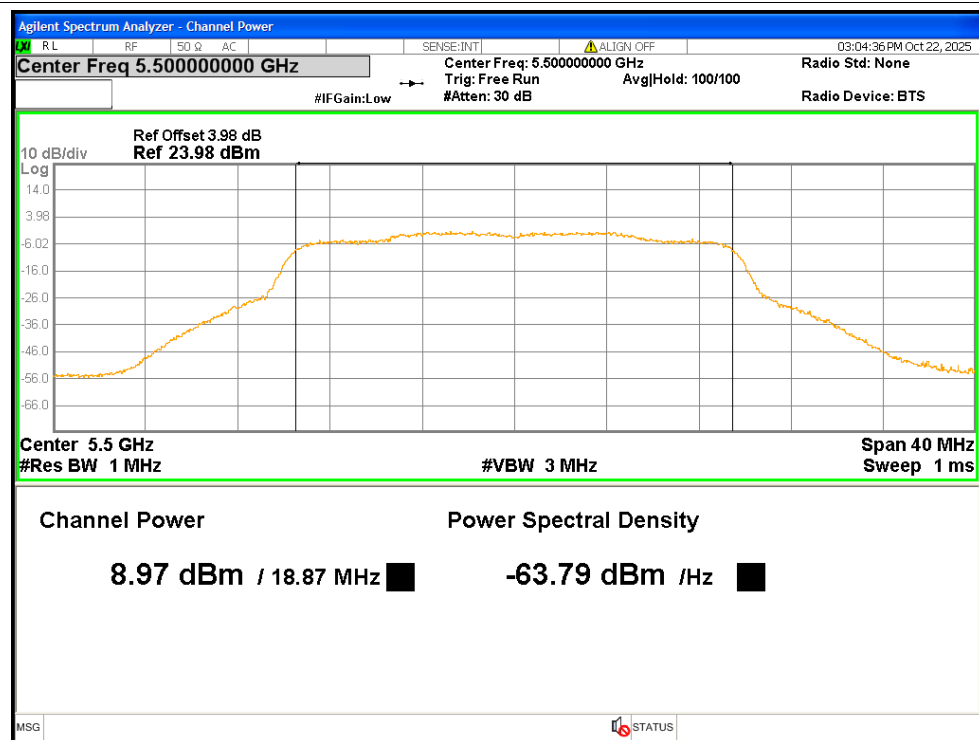
Power NVNT ac80 5610MHz Ant1



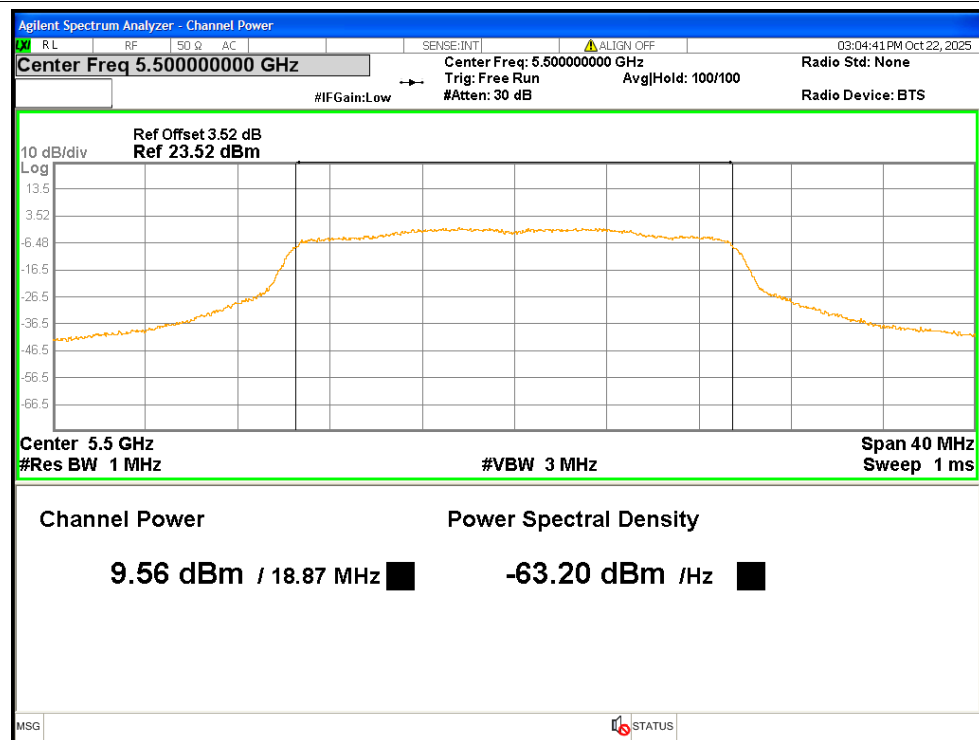
Power NVNT ac80 5610MHz Ant2



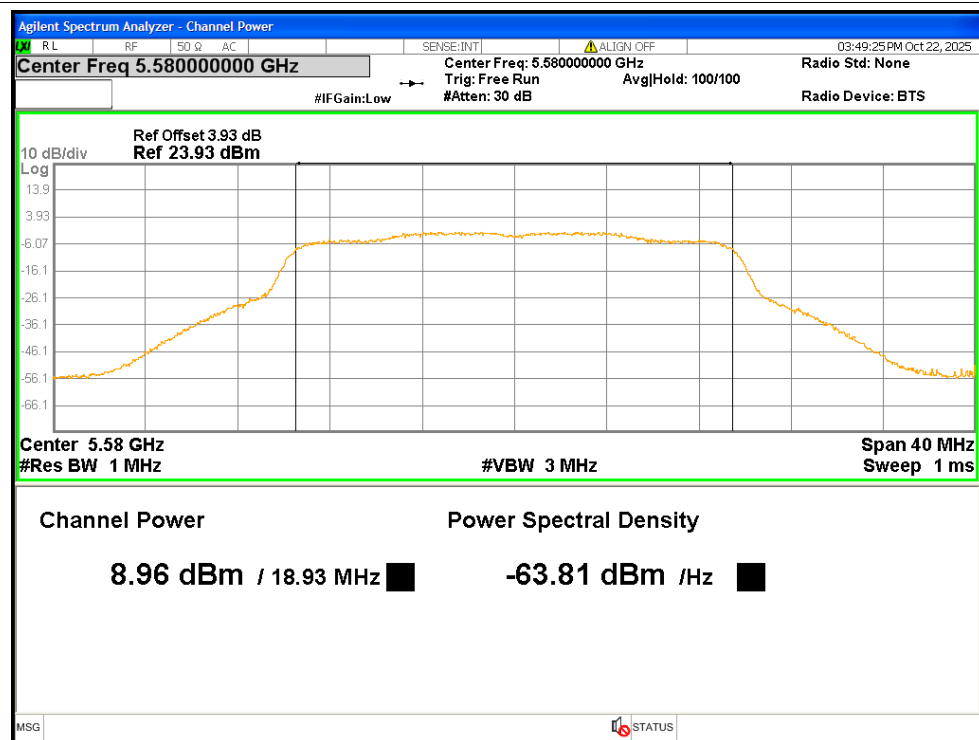
Power NVNT ax20 5500MHz Ant1



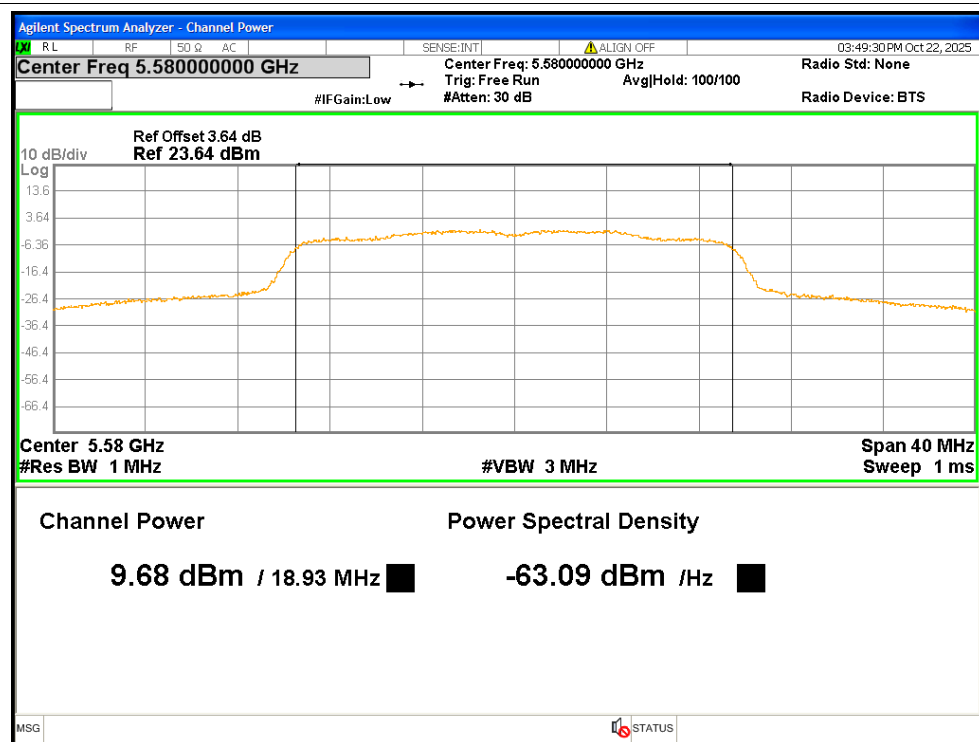
Power NVNT ax20 5500MHz Ant2



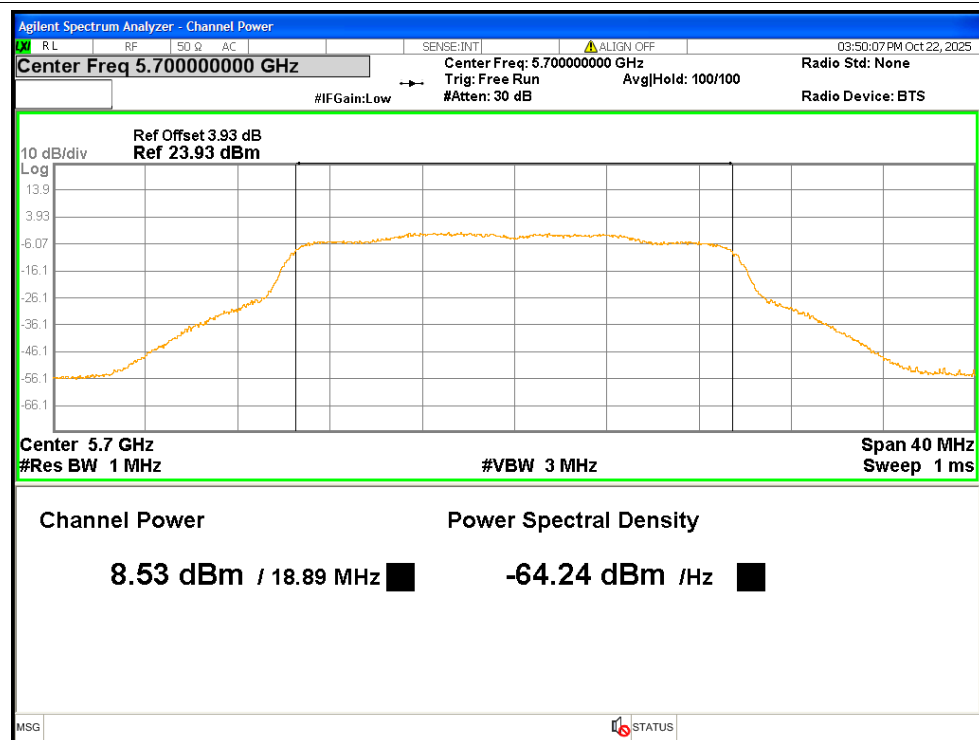
Power NVNT ax20 5580MHz Ant1



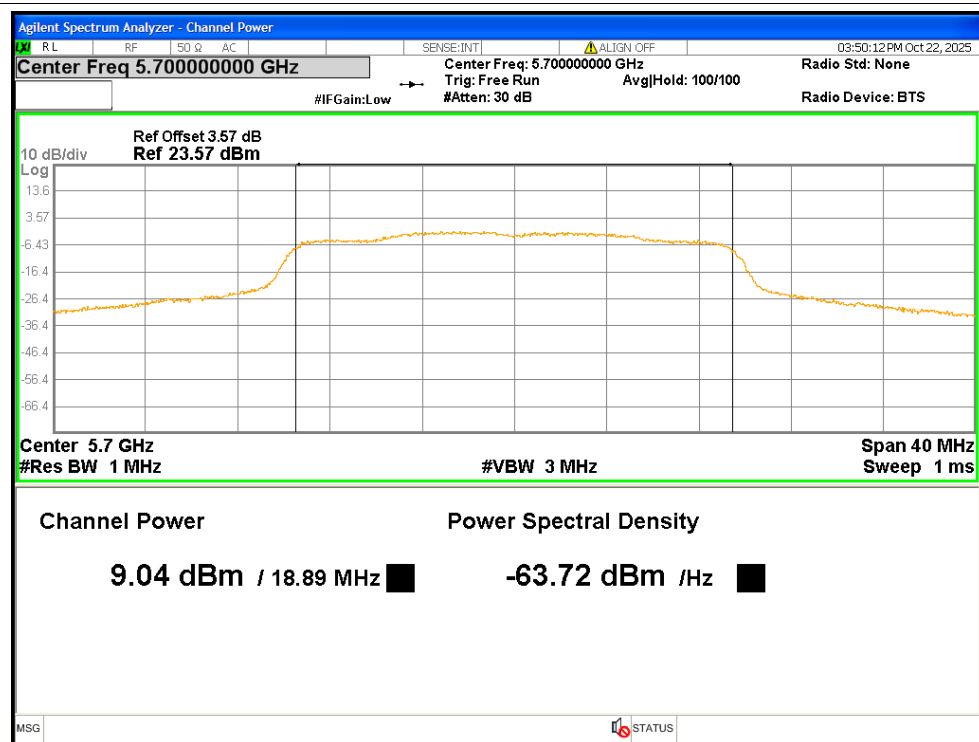
Power NVNT ax20 5580MHz Ant2



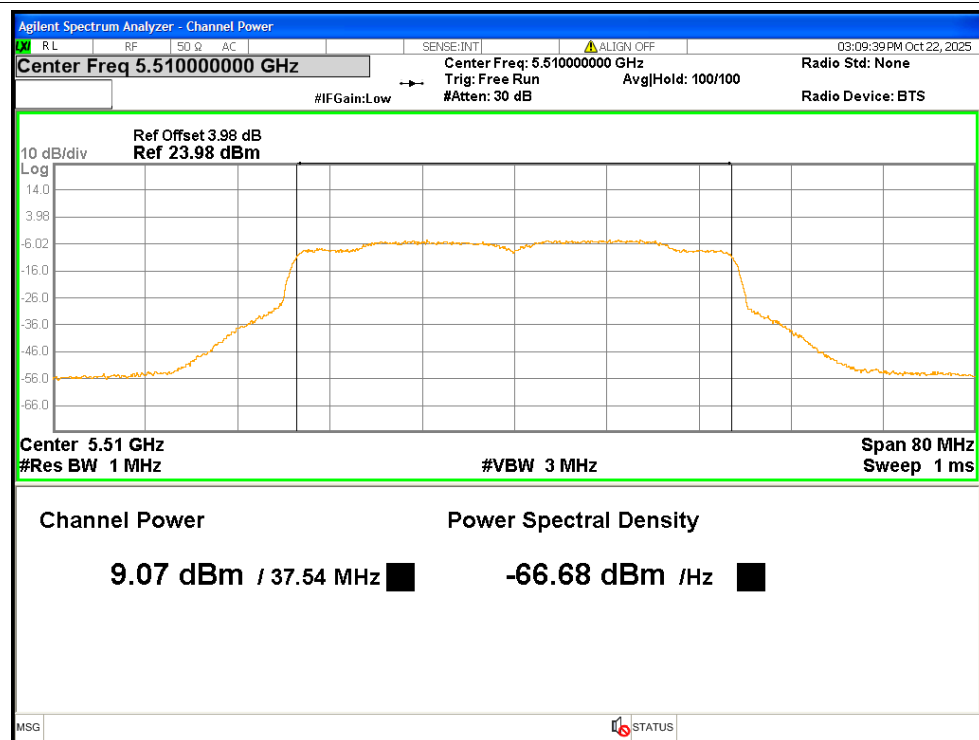
Power NVNT ax20 5700MHz Ant1



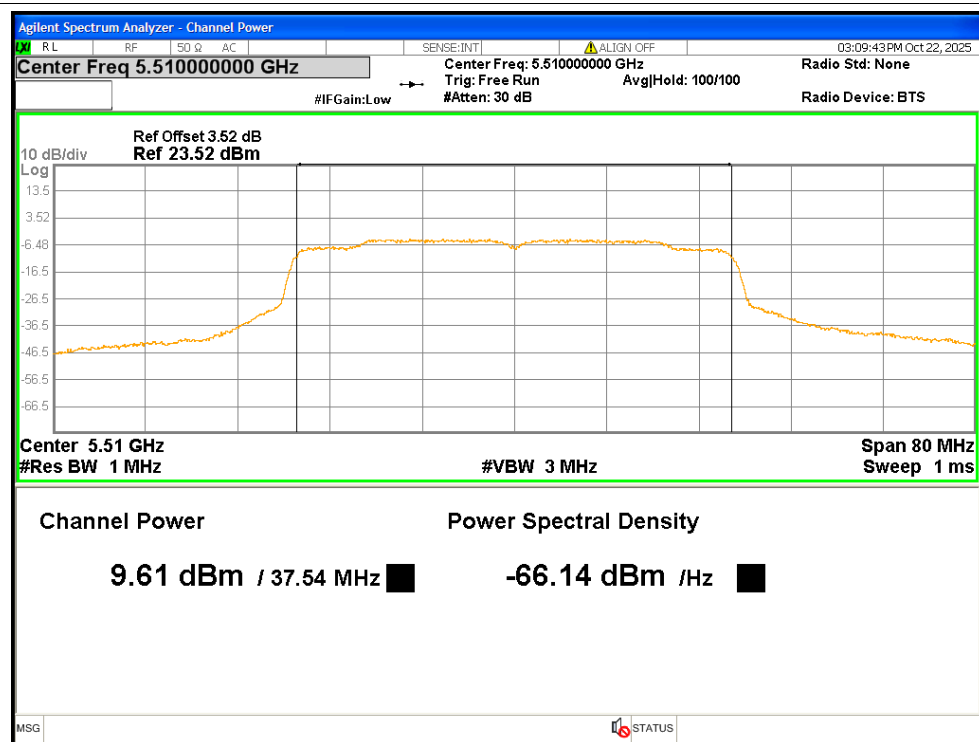
Power NVNT ax20 5700MHz Ant2



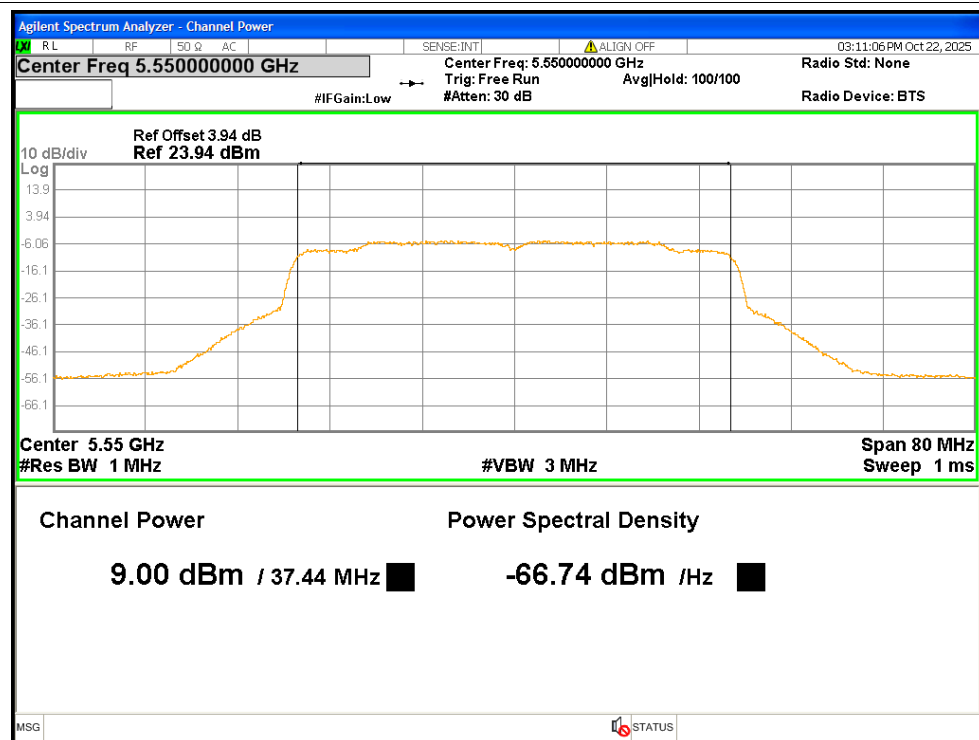
Power NVNT ax40 5510MHz Ant1



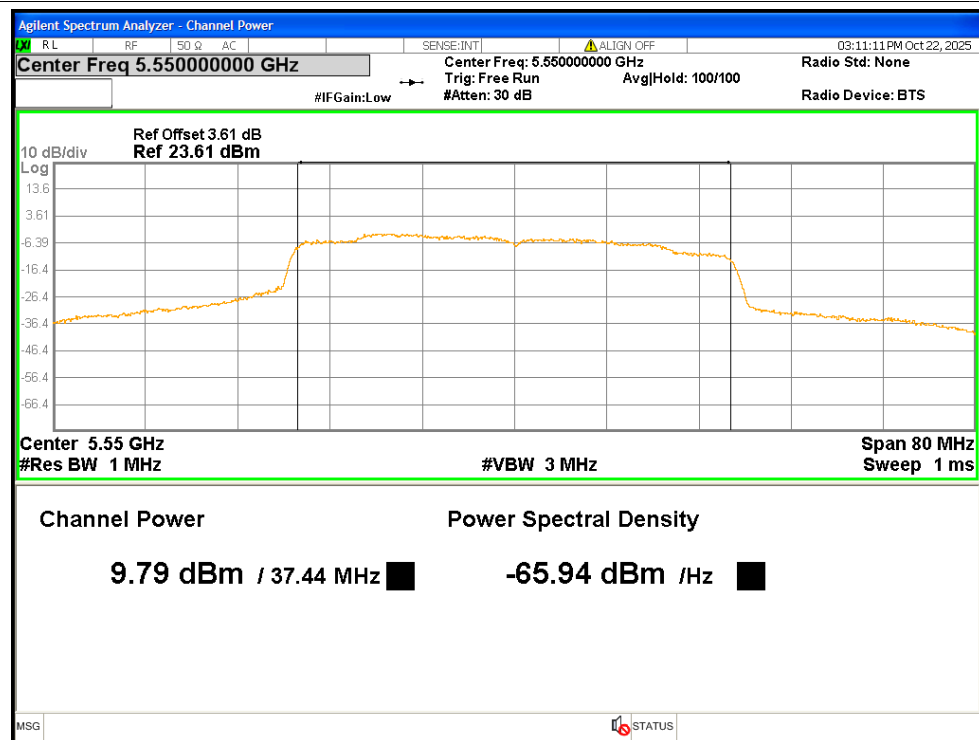
Power NVNT ax40 5510MHz Ant2



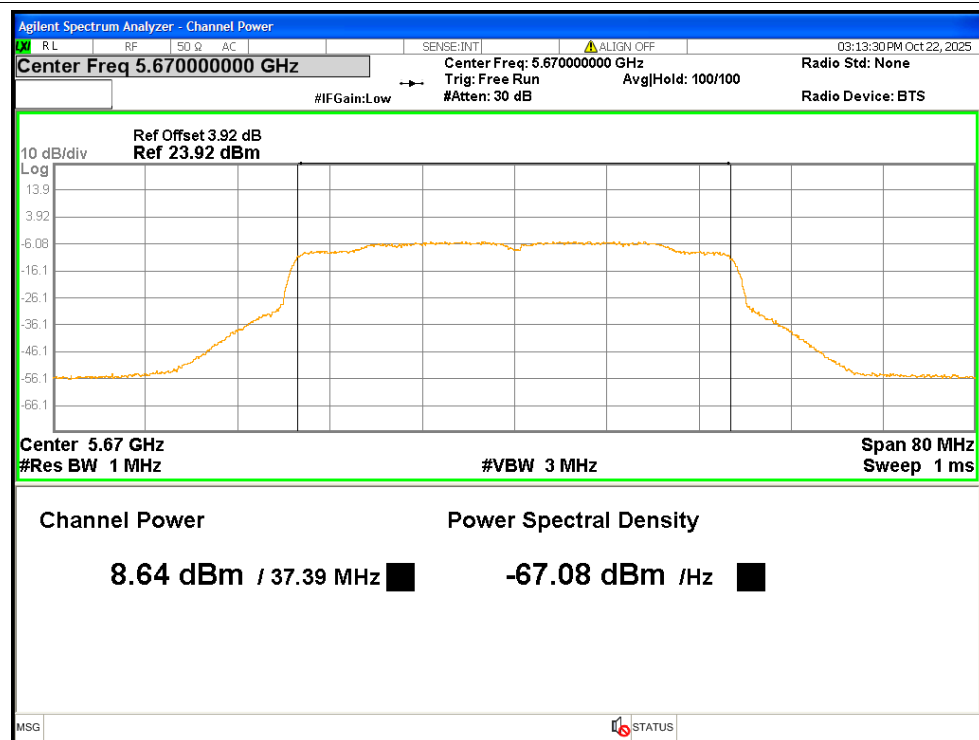
Power NVNT ax40 5550MHz Ant1



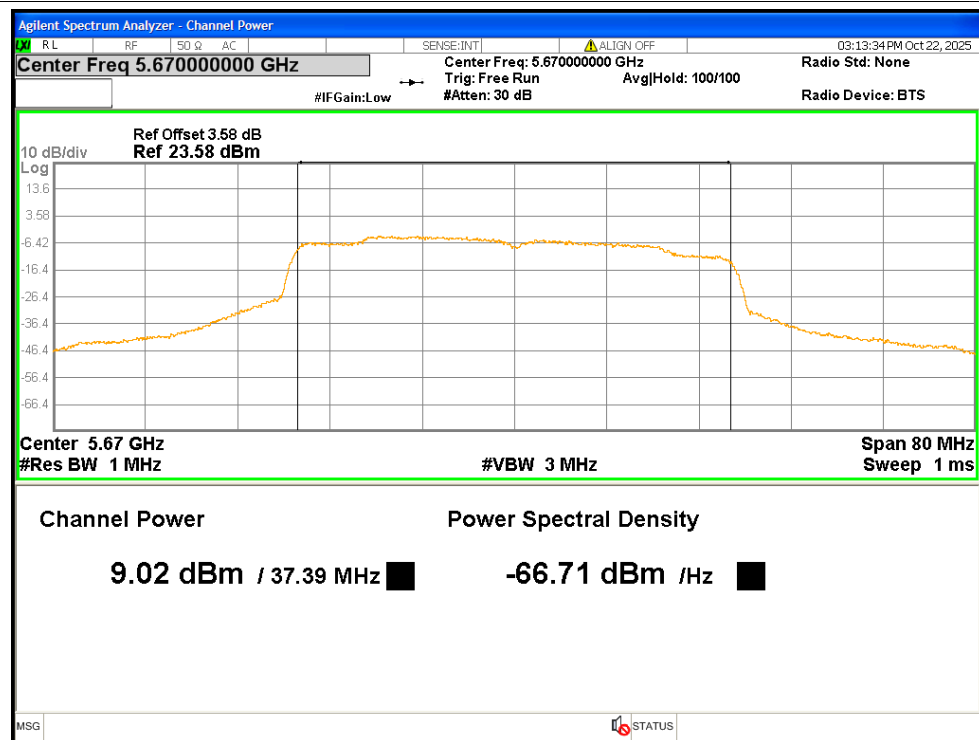
Power NVNT ax40 5550MHz Ant2



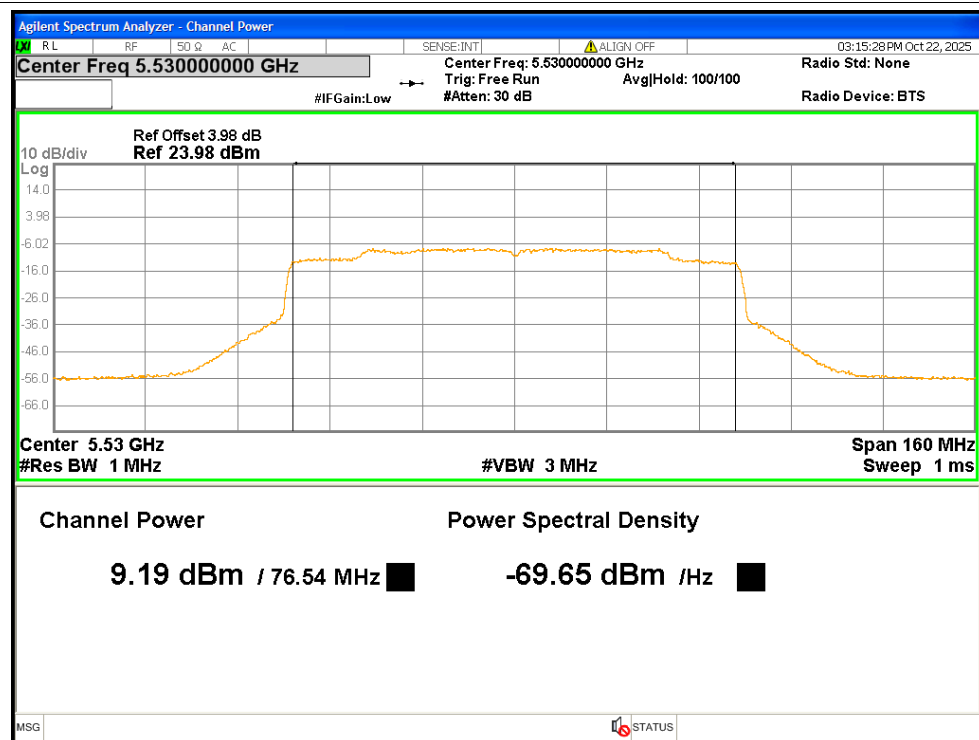
Power NVNT ax40 5670MHz Ant1



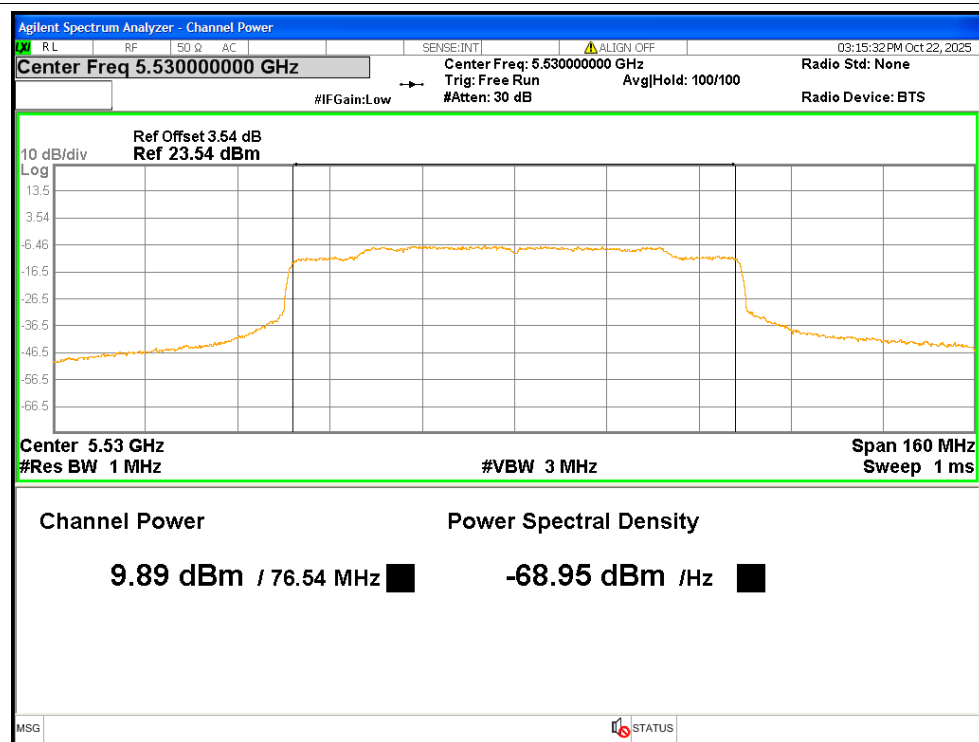
Power NVNT ax40 5670MHz Ant2



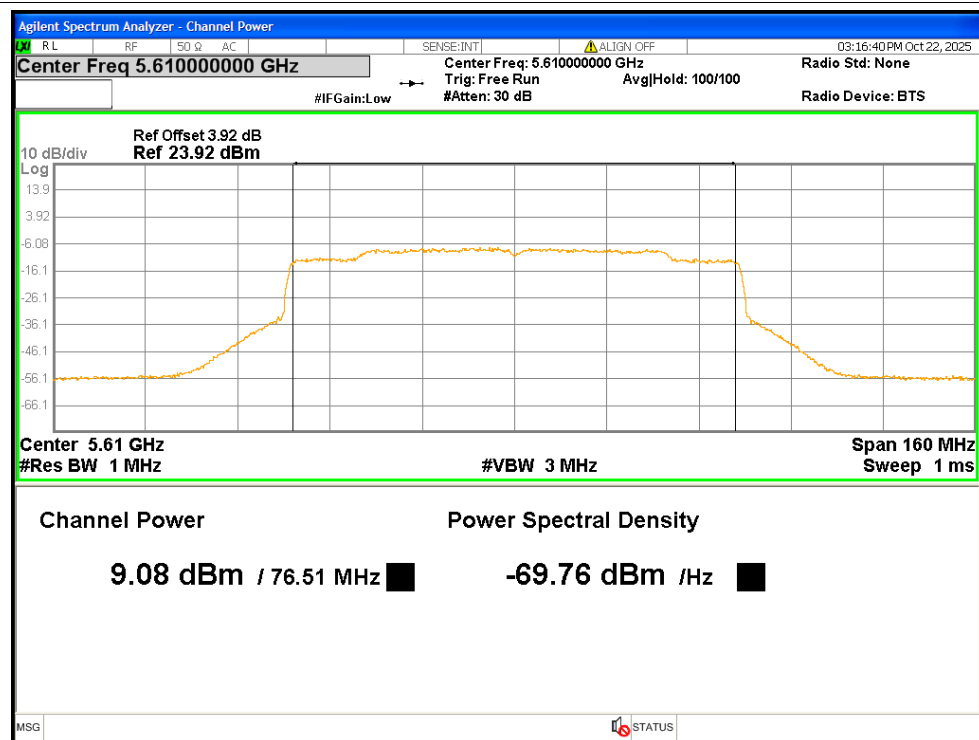
Power NVNT ax80 5530MHz Ant1



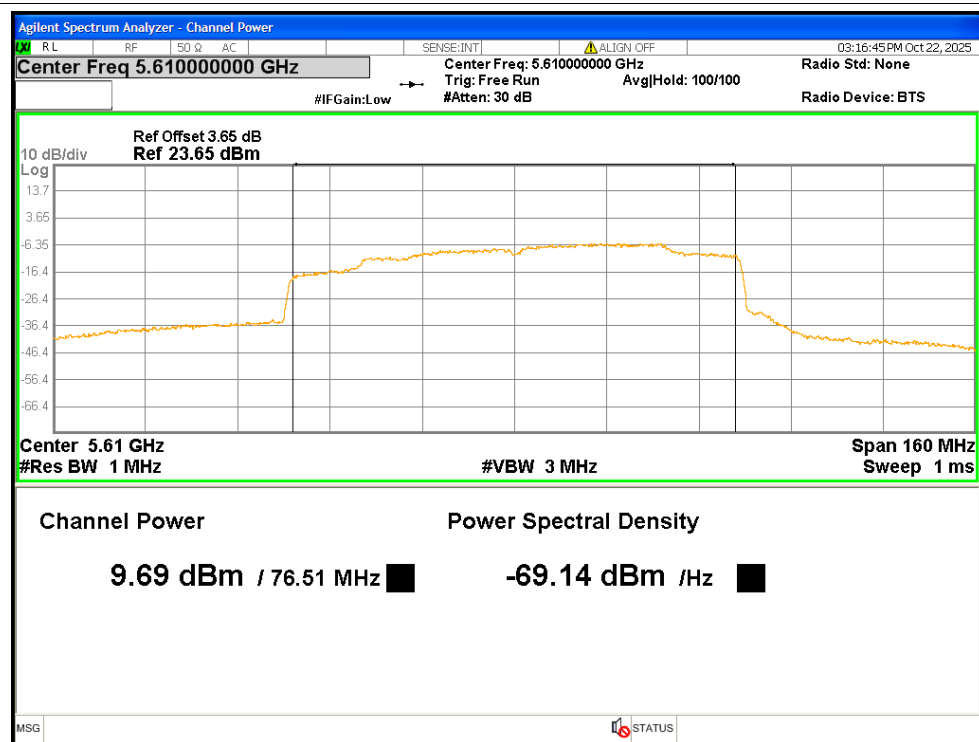
Power NVNT ax80 5530MHz Ant2



Power NVNT ax80 5610MHz Ant1



Power NVNT ax80 5610MHz Ant2



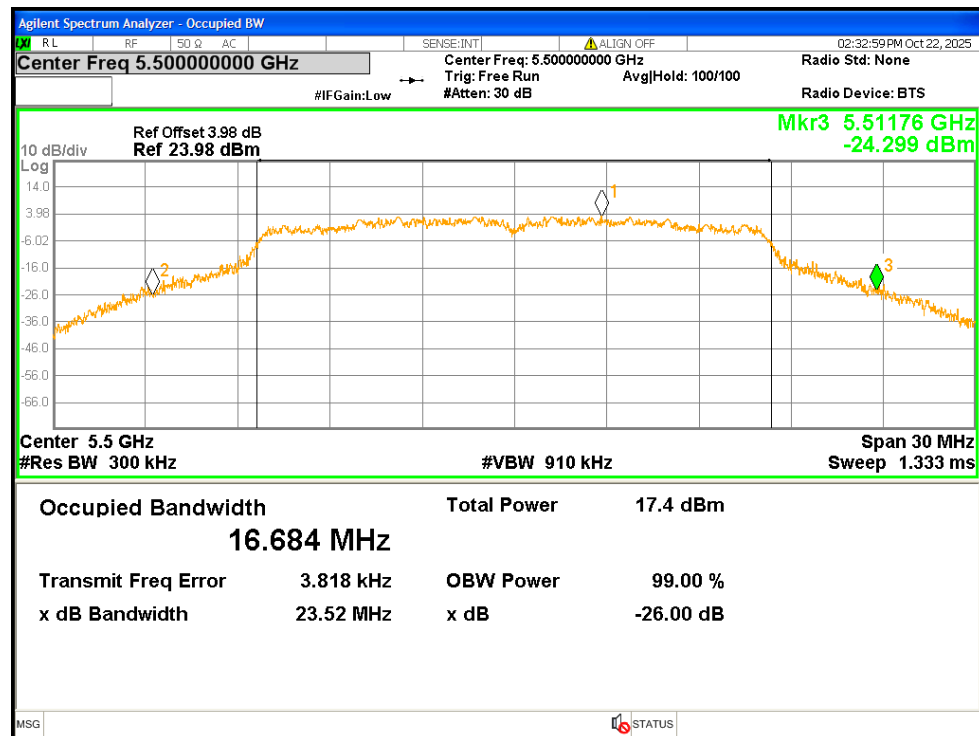
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	23.52	Pass
NVNT	a	5580	Ant1	23.89	Pass
NVNT	a	5700	Ant1	24.45	Pass
NVNT	a	5500	Ant2	23.99	Pass
NVNT	a	5580	Ant2	24.1	Pass
NVNT	a	5700	Ant2	23.51	Pass
NVNT	n20	5500	Ant1	24.05	Pass
NVNT	n20	5500	Ant2	23.92	Pass
NVNT	n20	5580	Ant1	23.97	Pass
NVNT	n20	5580	Ant2	23.38	Pass
NVNT	n20	5700	Ant1	24.58	Pass
NVNT	n20	5700	Ant2	24.21	Pass
NVNT	n40	5510	Ant1	44.12	Pass
NVNT	n40	5510	Ant2	43.23	Pass
NVNT	n40	5550	Ant1	44.29	Pass
NVNT	n40	5550	Ant2	49.21	Pass
NVNT	n40	5670	Ant1	42.79	Pass
NVNT	n40	5670	Ant2	43.76	Pass
NVNT	ac20	5500	Ant1	23.63	Pass
NVNT	ac20	5500	Ant2	23.49	Pass
NVNT	ac20	5580	Ant1	23.66	Pass
NVNT	ac20	5580	Ant2	23.39	Pass
NVNT	ac20	5700	Ant1	24.01	Pass
NVNT	ac20	5700	Ant2	25.54	Pass
NVNT	ac40	5510	Ant1	44.17	Pass
NVNT	ac40	5510	Ant2	43.06	Pass
NVNT	ac40	5550	Ant1	43.09	Pass
NVNT	ac40	5550	Ant2	48.67	Pass
NVNT	ac40	5670	Ant1	43.3	Pass
NVNT	ac40	5670	Ant2	43.83	Pass
NVNT	ac80	5530	Ant1	84.92	Pass
NVNT	ac80	5530	Ant2	83.84	Pass
NVNT	ac80	5610	Ant1	85.04	Pass
NVNT	ac80	5610	Ant2	83.3	Pass
NVNT	ax20	5500	Ant1	24.06	Pass
NVNT	ax20	5500	Ant2	22.94	Pass
NVNT	ax20	5580	Ant1	22.9	Pass
NVNT	ax20	5580	Ant2	24.64	Pass
NVNT	ax20	5700	Ant1	23.73	Pass
NVNT	ax20	5700	Ant2	25.47	Pass
NVNT	ax40	5510	Ant1	41.59	Pass

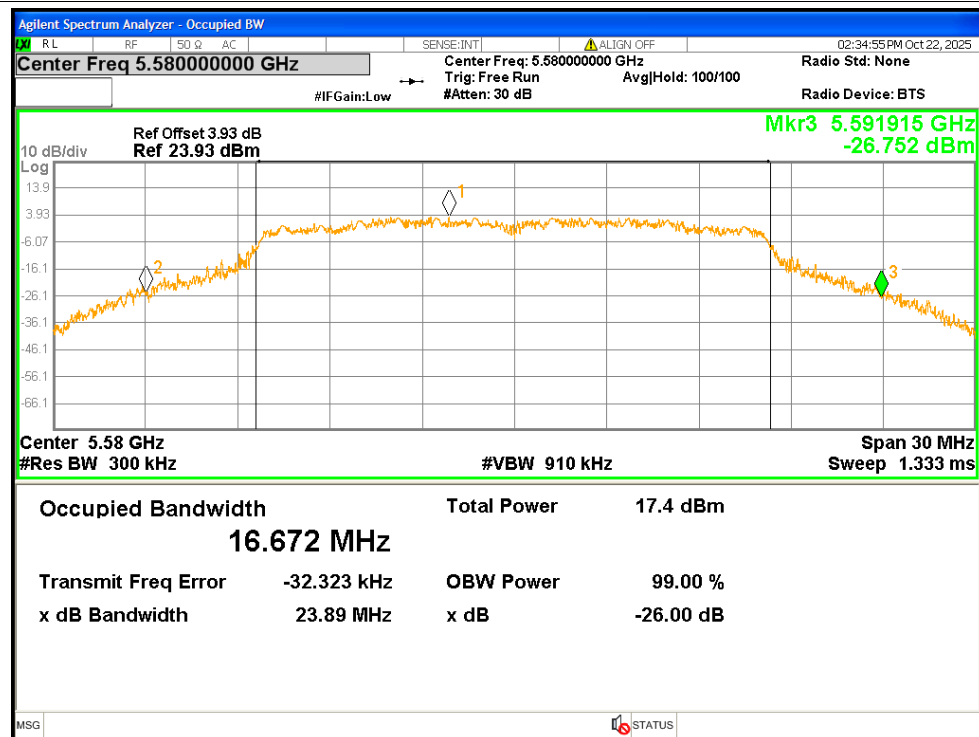
NVNT	ax40	5510	Ant2	43.92	Pass
NVNT	ax40	5550	Ant1	41.8	Pass
NVNT	ax40	5550	Ant2	46.01	Pass
NVNT	ax40	5670	Ant1	41.22	Pass
NVNT	ax40	5670	Ant2	42.79	Pass
NVNT	ax80	5530	Ant1	84.6	Pass
NVNT	ax80	5530	Ant2	84.45	Pass
NVNT	ax80	5610	Ant1	84.32	Pass
NVNT	ax80	5610	Ant2	83.19	Pass

Test Graphs

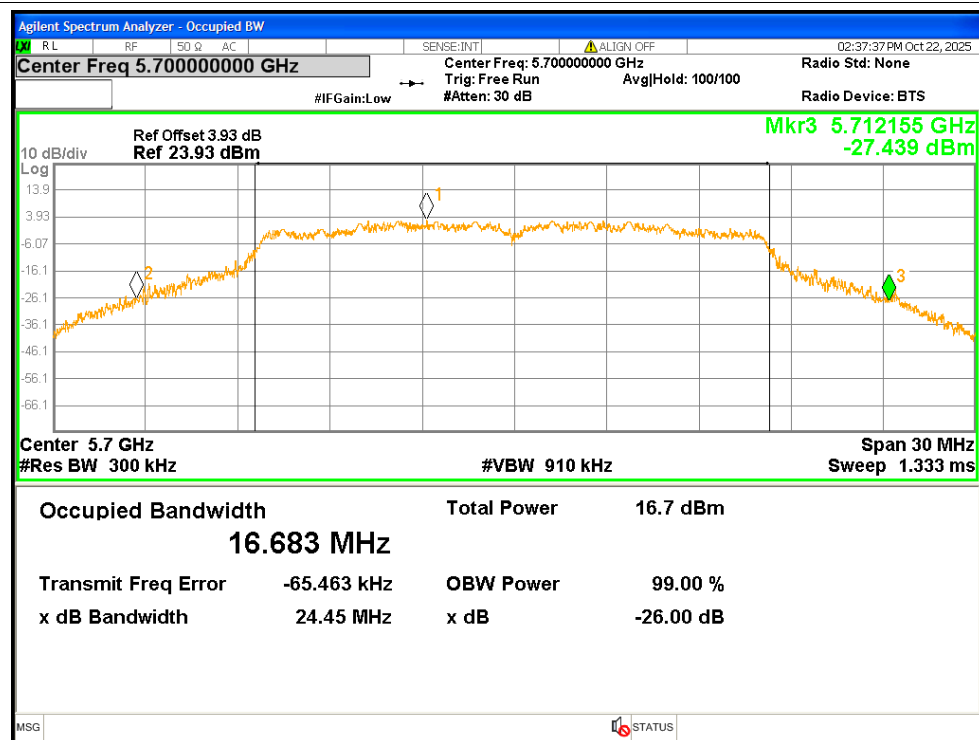
-26dB Bandwidth NVNT a 5500MHz Ant1



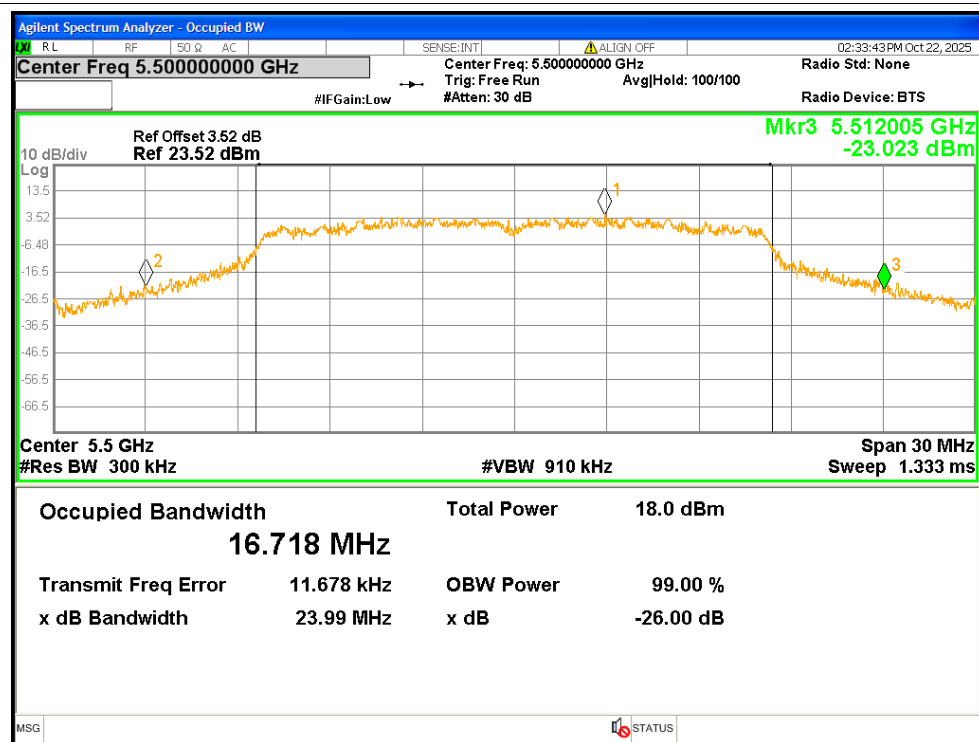
-26dB Bandwidth NVNT a 5580MHz Ant1



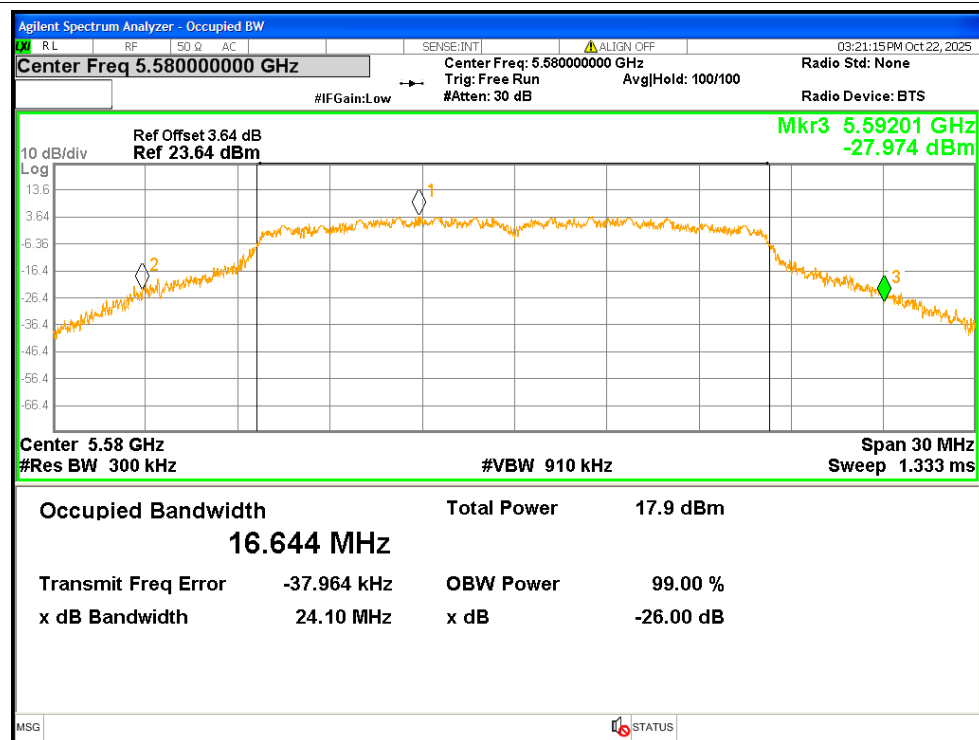
-26dB Bandwidth NVNT a 5700MHz Ant1



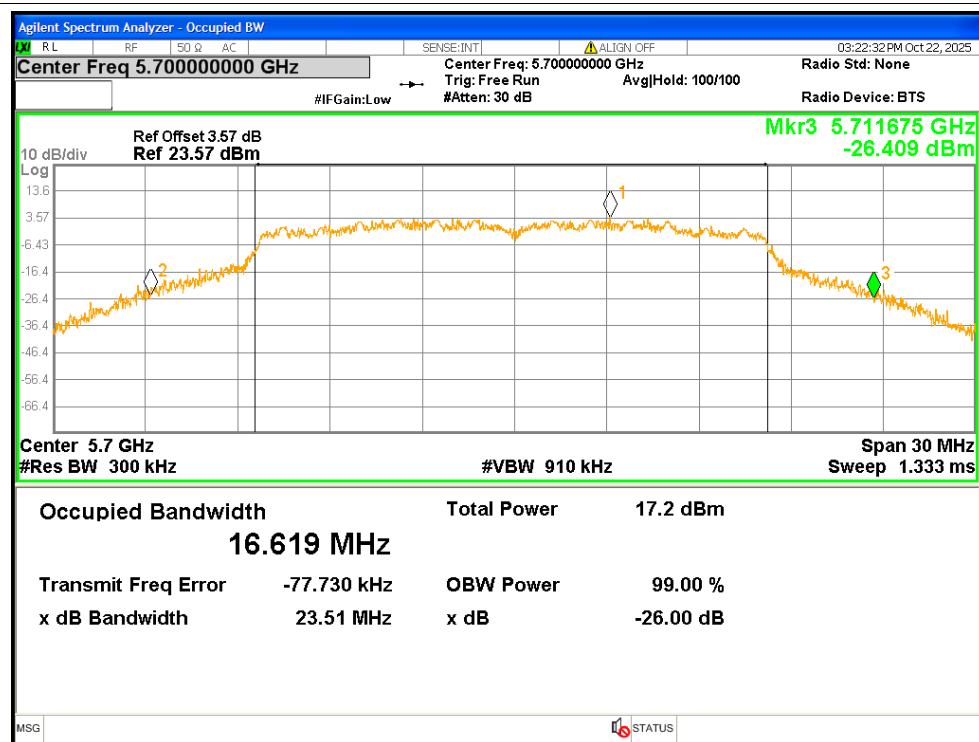
-26dB Bandwidth NVNT a 5500MHz Ant2



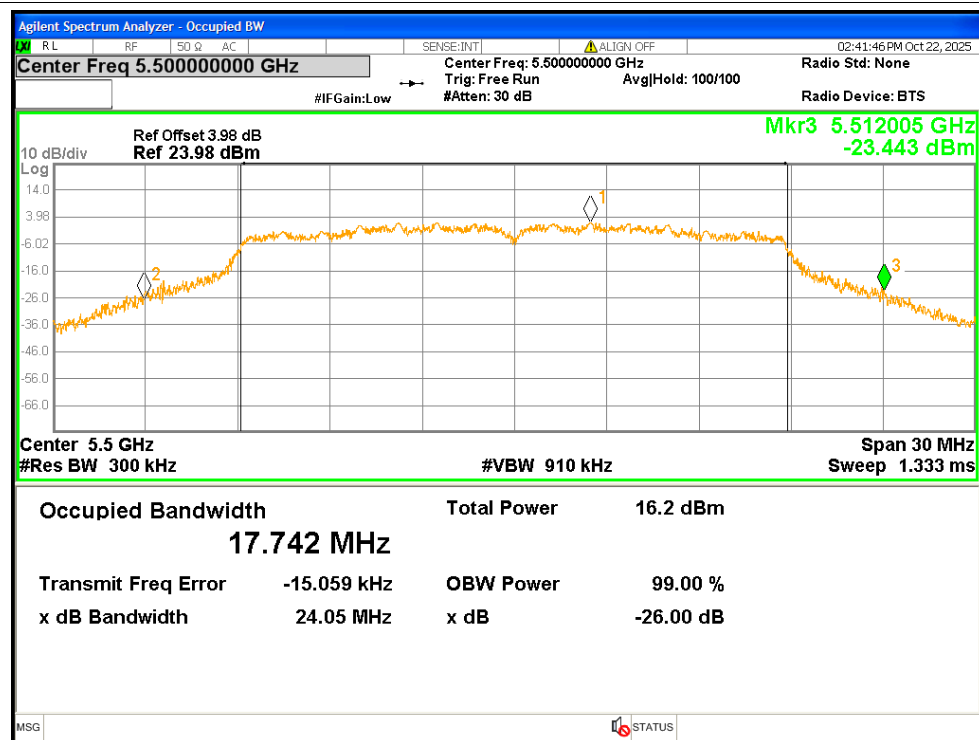
-26dB Bandwidth NVNT a 5580MHz Ant2



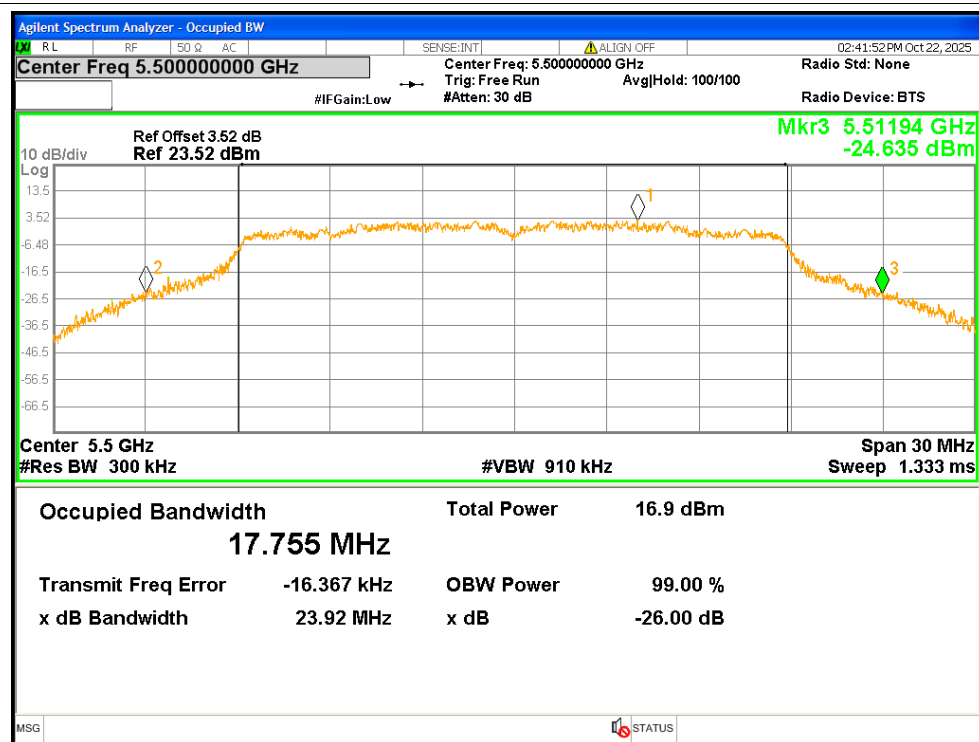
-26dB Bandwidth NVNT a 5700MHz Ant2



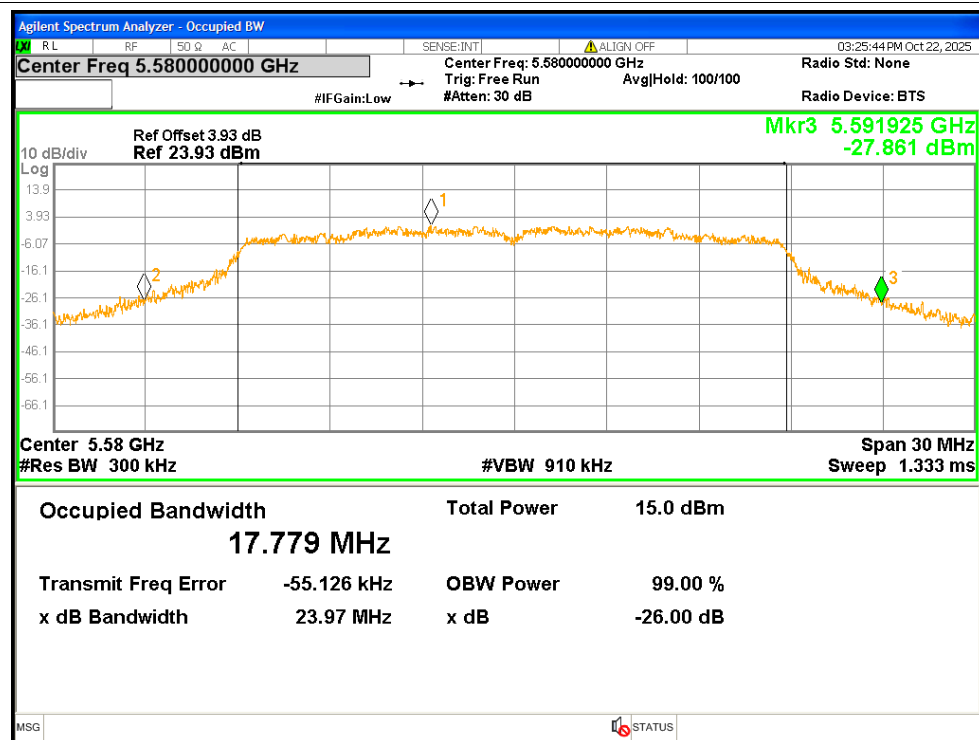
-26dB Bandwidth NVNT n20 5500MHz Ant1



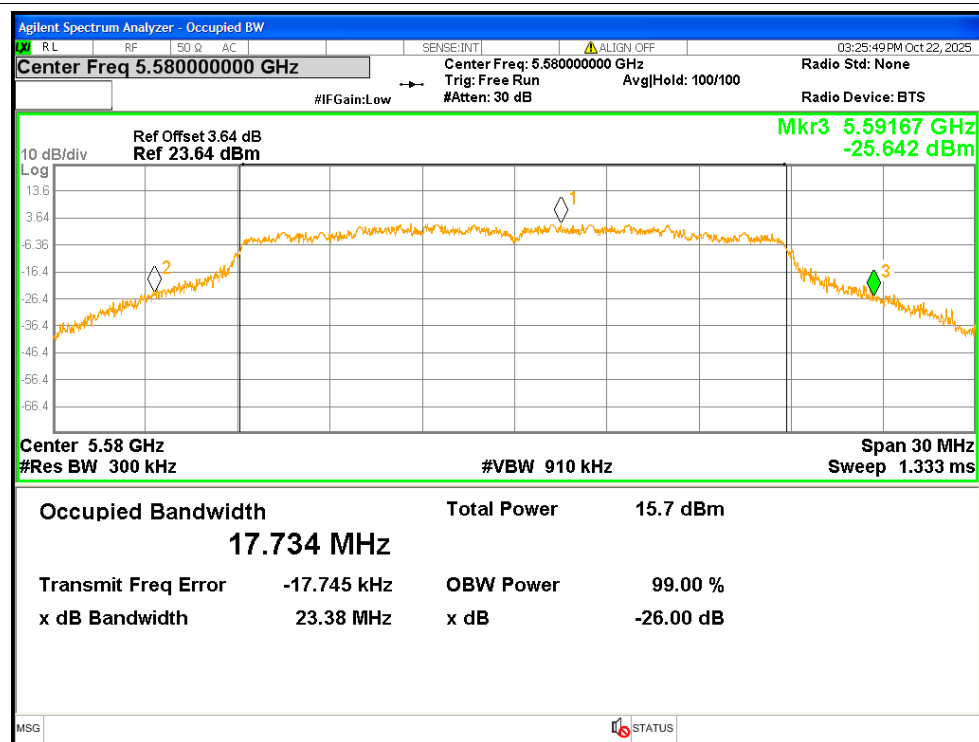
-26dB Bandwidth NVNT n20 5500MHz Ant2



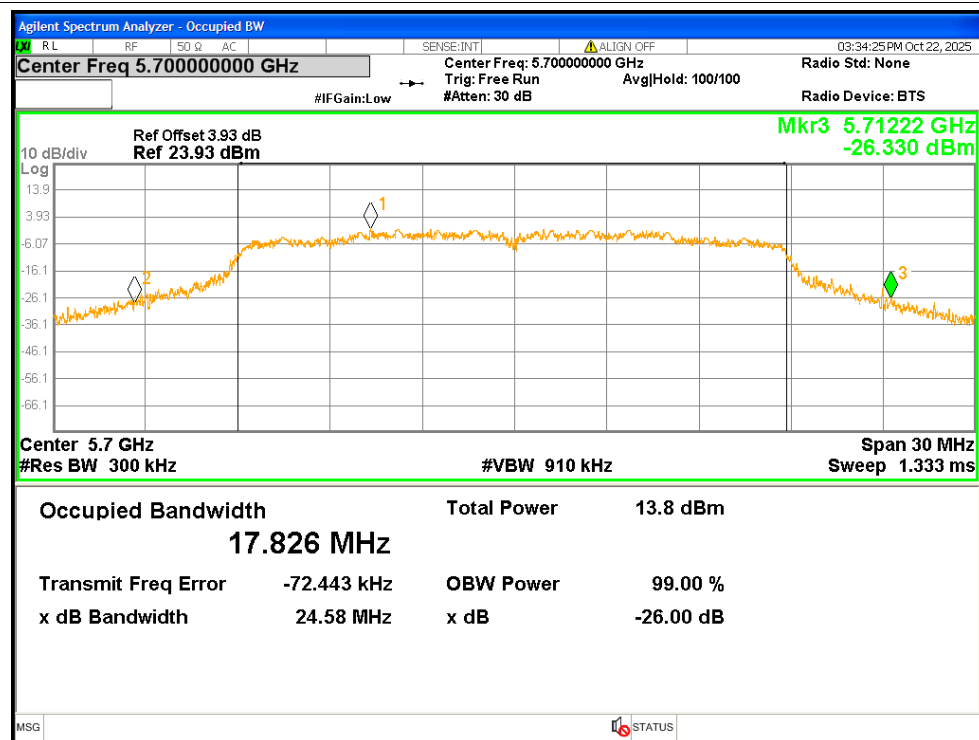
-26dB Bandwidth NVNT n20 5580MHz Ant1



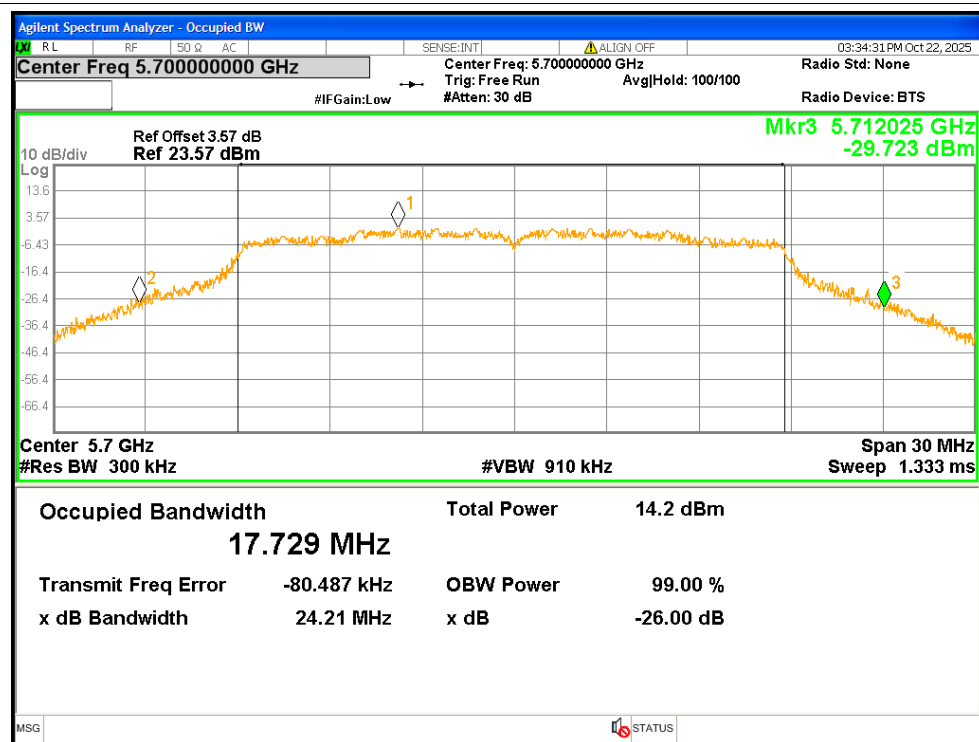
-26dB Bandwidth NVNT n20 5580MHz Ant2



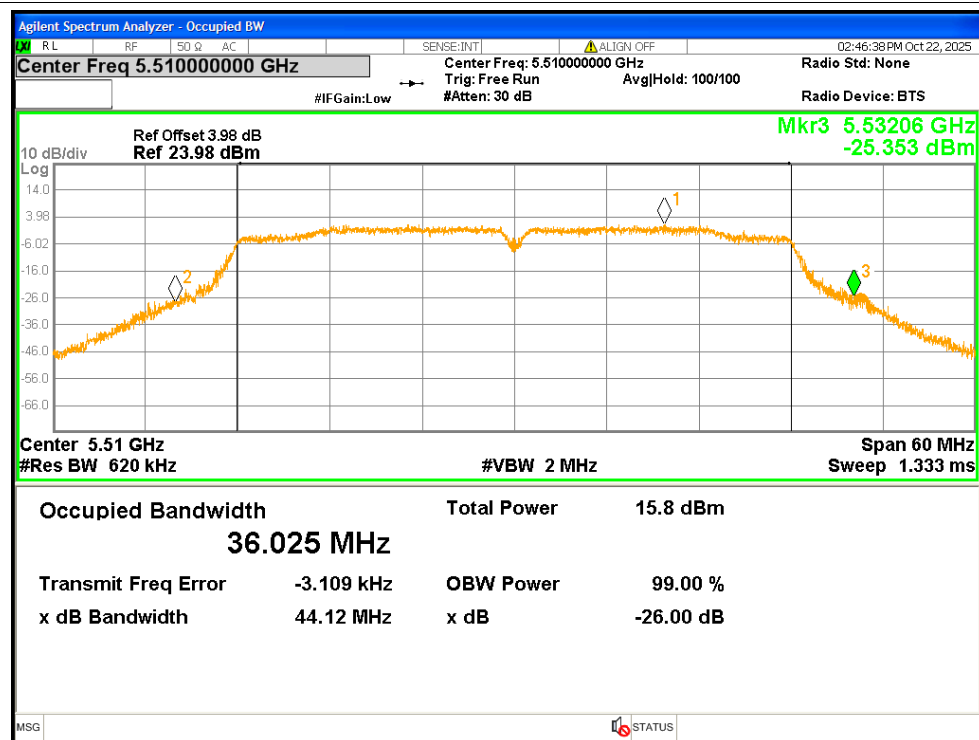
-26dB Bandwidth NVNT n20 5700MHz Ant1



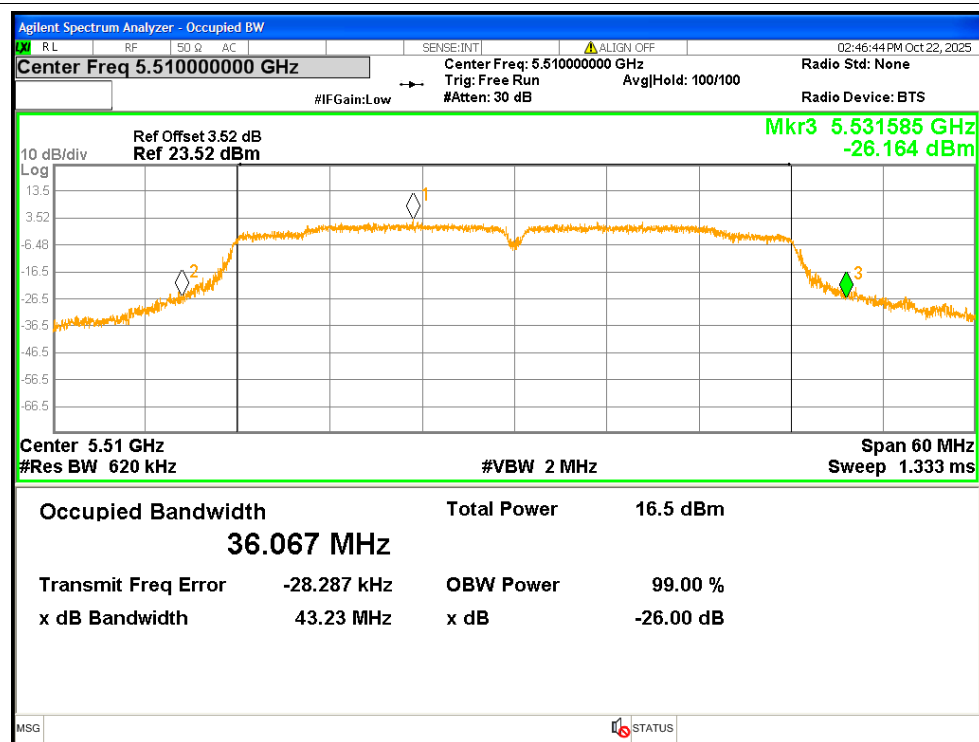
-26dB Bandwidth NVNT n20 5700MHz Ant2



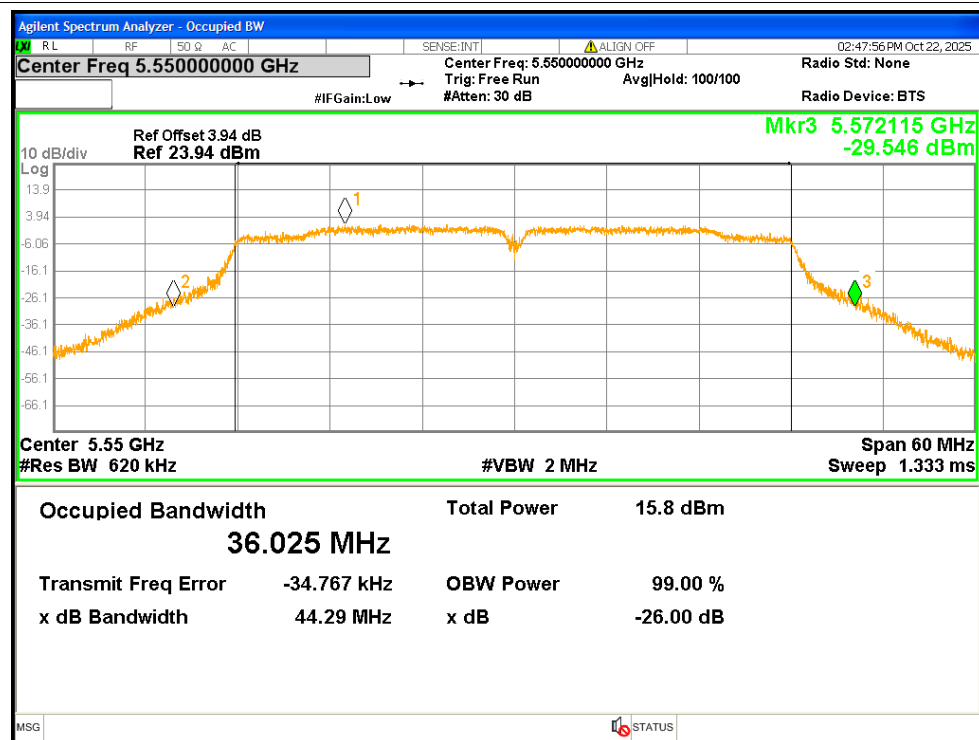
-26dB Bandwidth NVNT n40 5510MHz Ant1



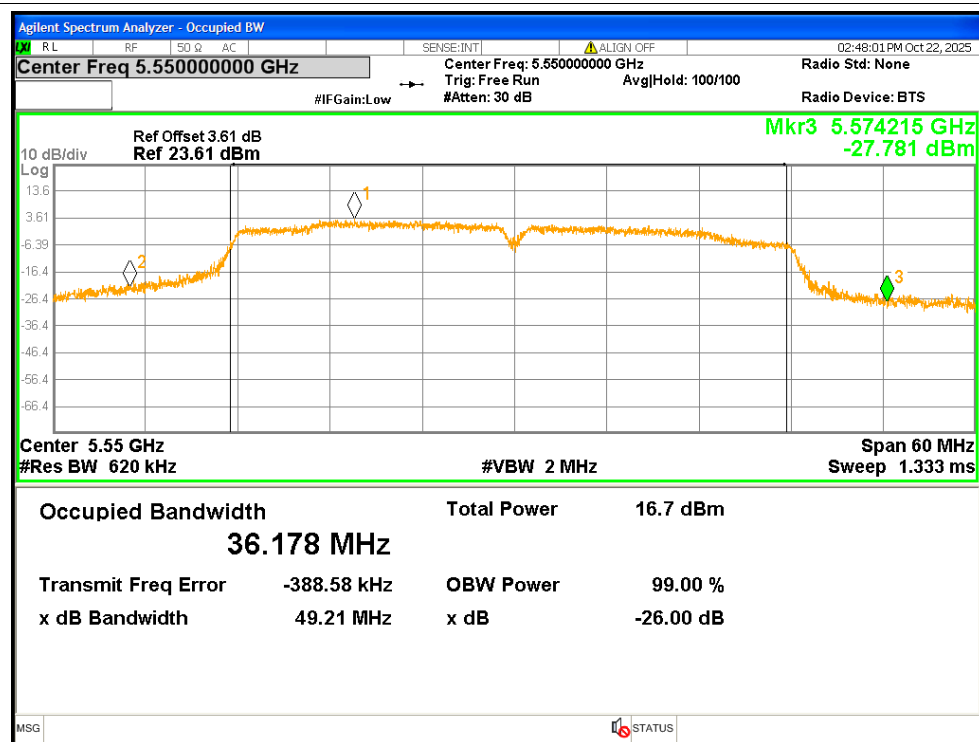
-26dB Bandwidth NVNT n40 5510MHz Ant2



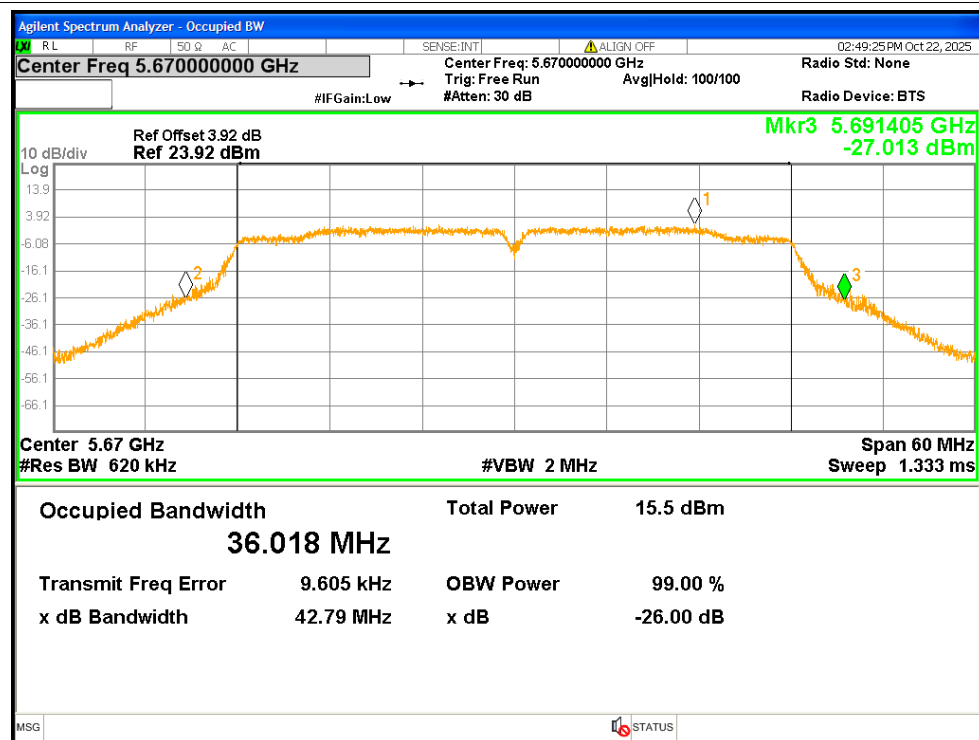
-26dB Bandwidth NVNT n40 5550MHz Ant1



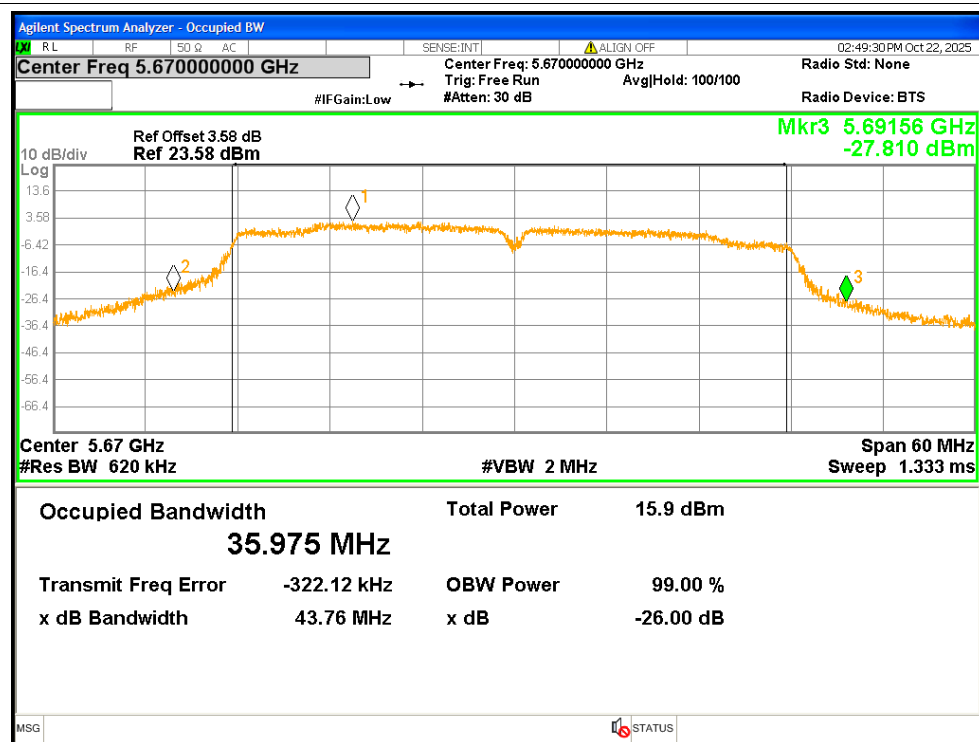
-26dB Bandwidth NVNT n40 5550MHz Ant2



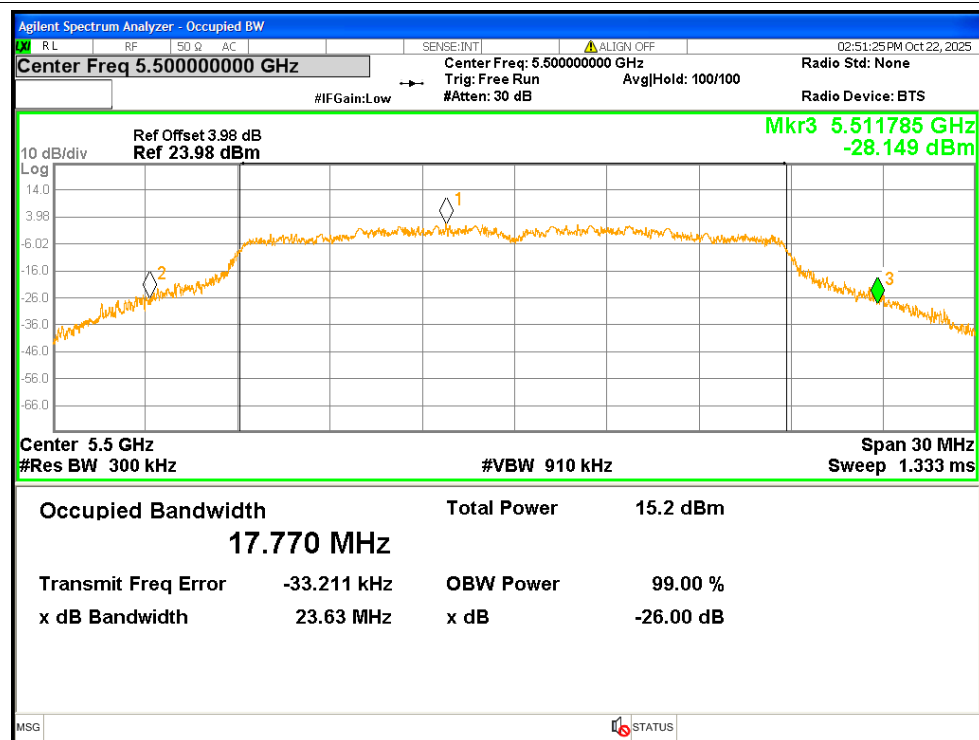
-26dB Bandwidth NVNT n40 5670MHz Ant1



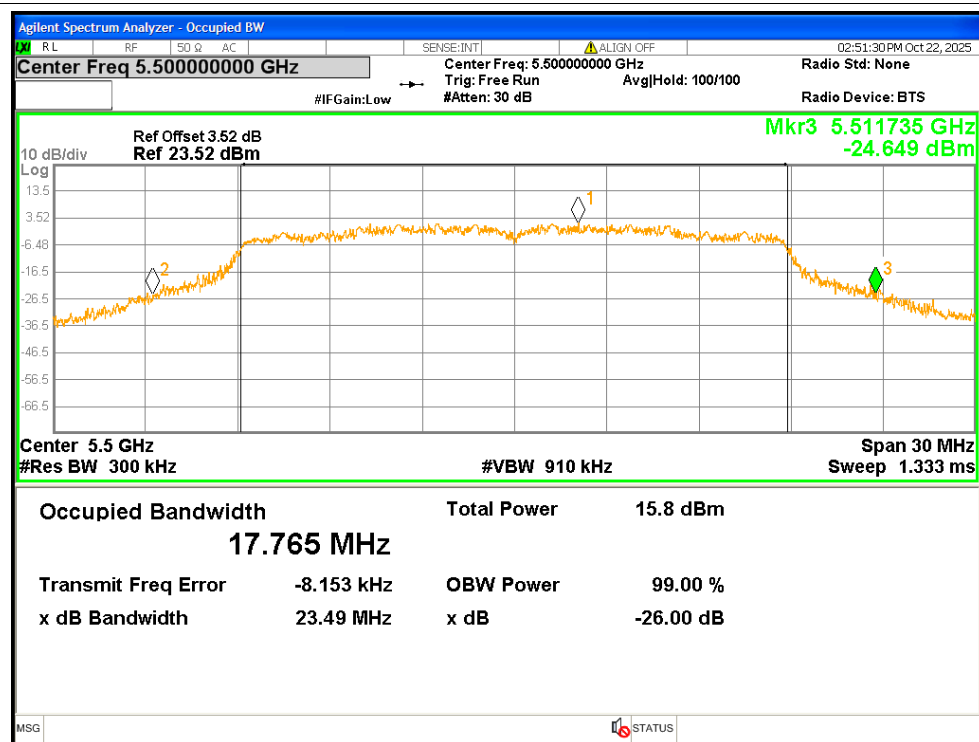
-26dB Bandwidth NVNT n40 5670MHz Ant2



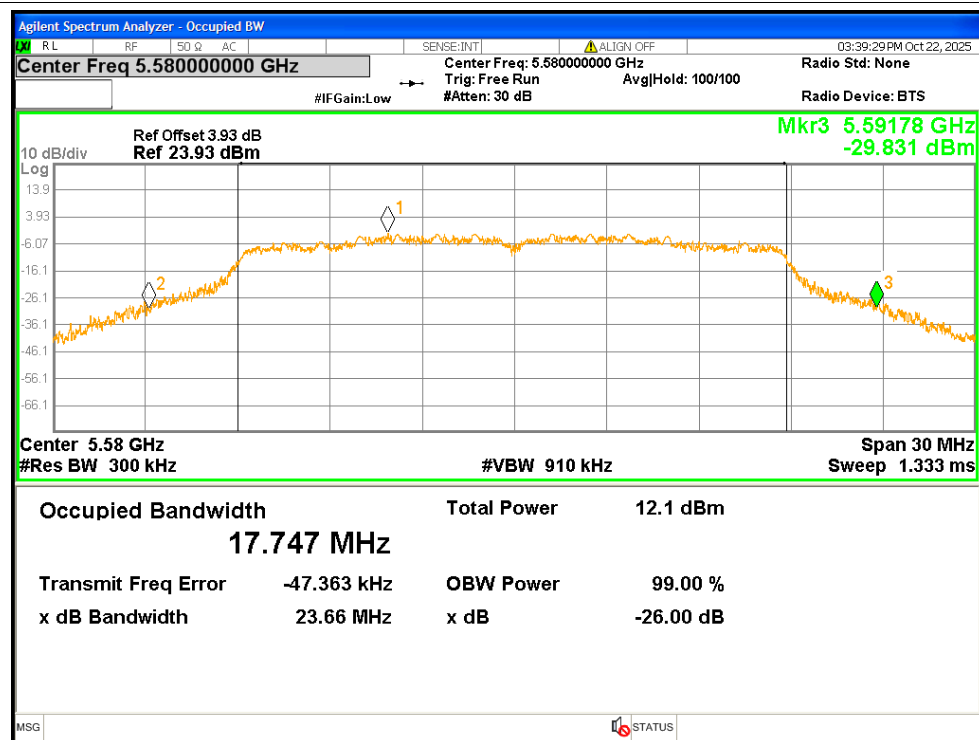
-26dB Bandwidth NVNT ac20 5500MHz Ant1



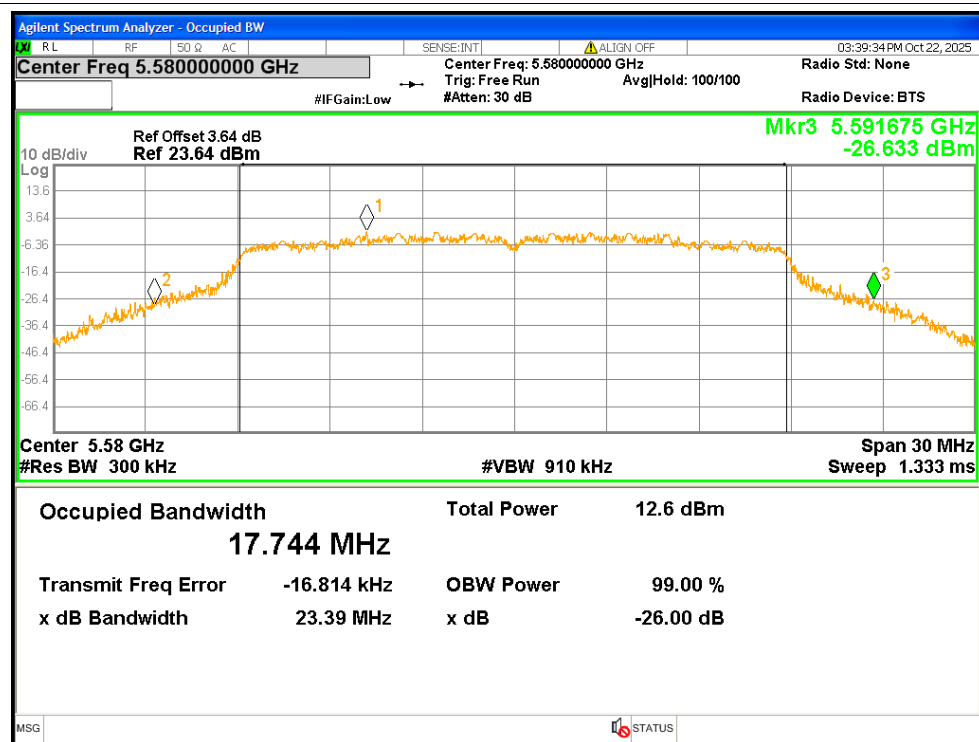
-26dB Bandwidth NVNT ac20 5500MHz Ant2



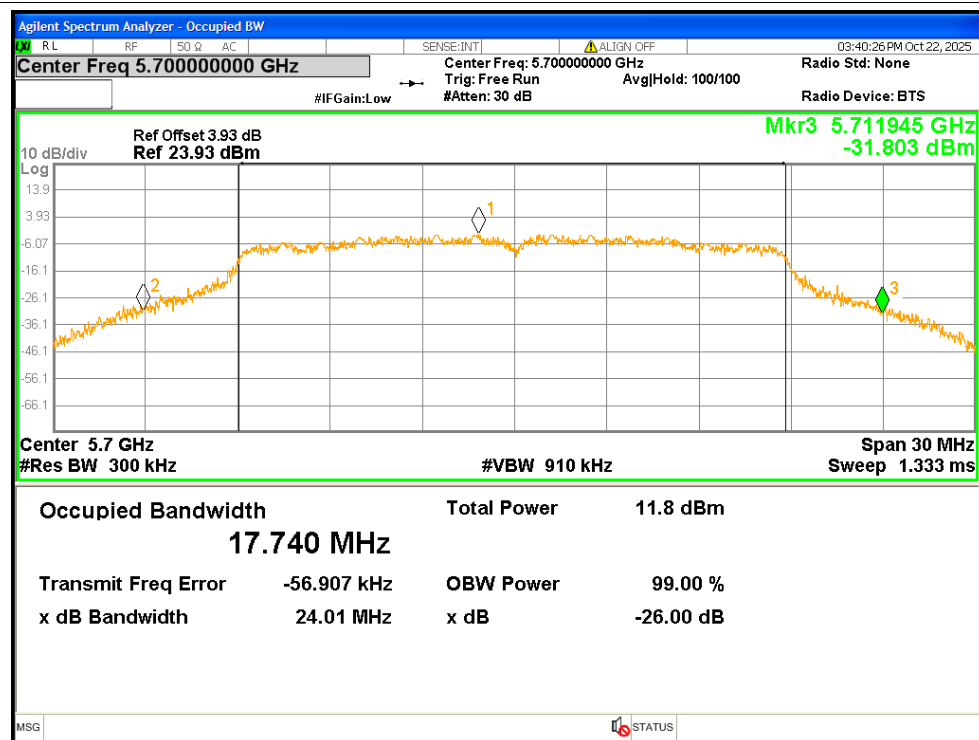
-26dB Bandwidth NVNT ac20 5580MHz Ant1



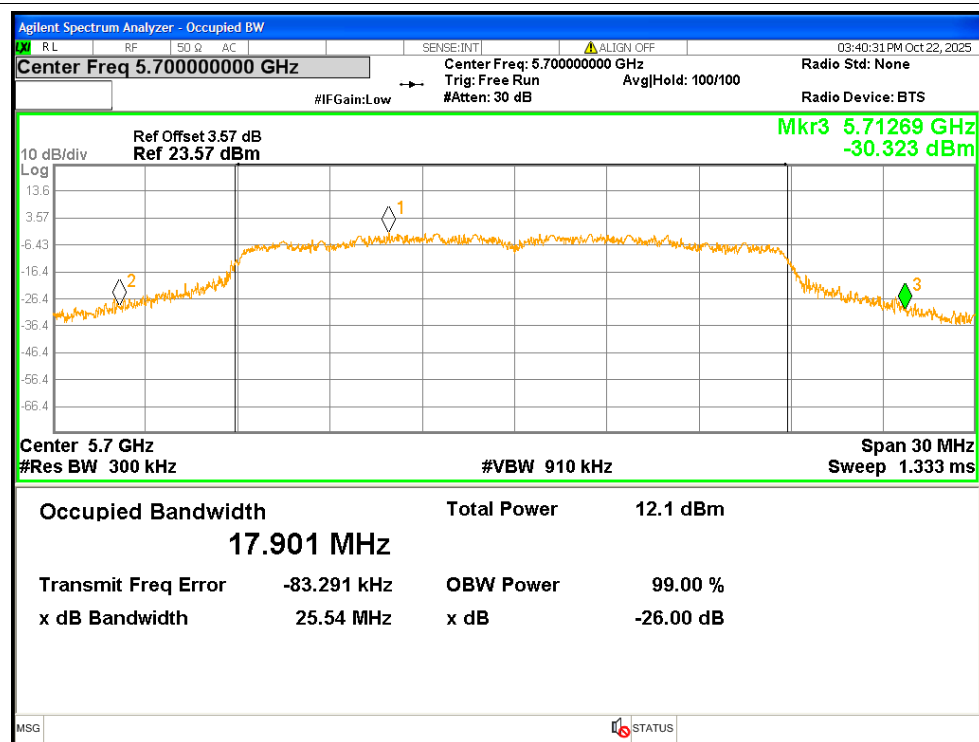
-26dB Bandwidth NVNT ac20 5580MHz Ant2



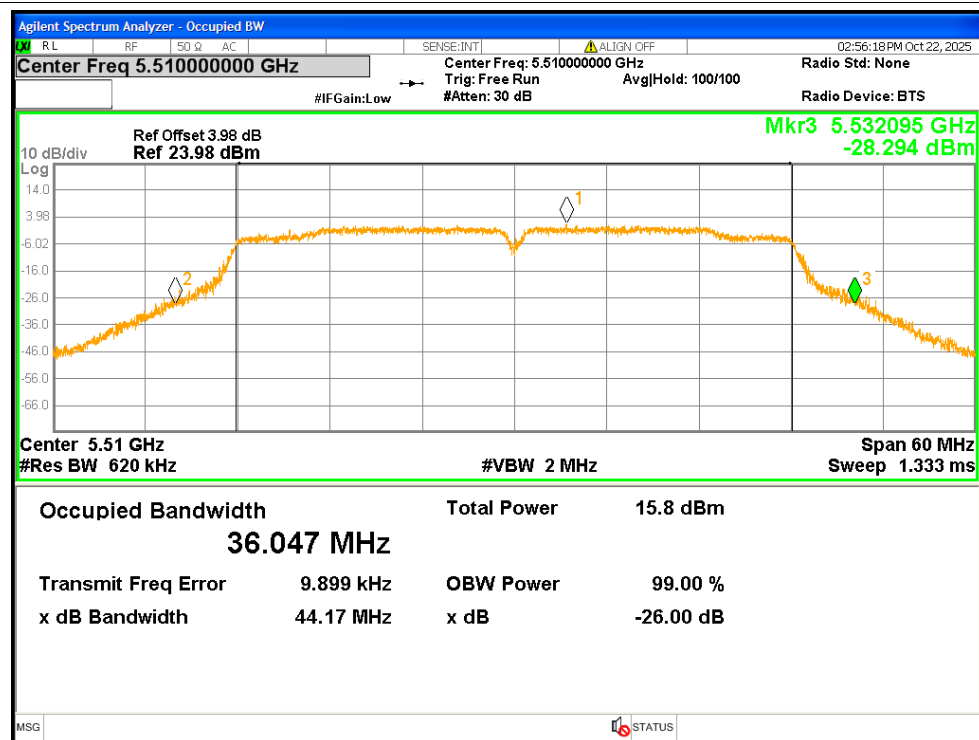
-26dB Bandwidth NVNT ac20 5700MHz Ant1



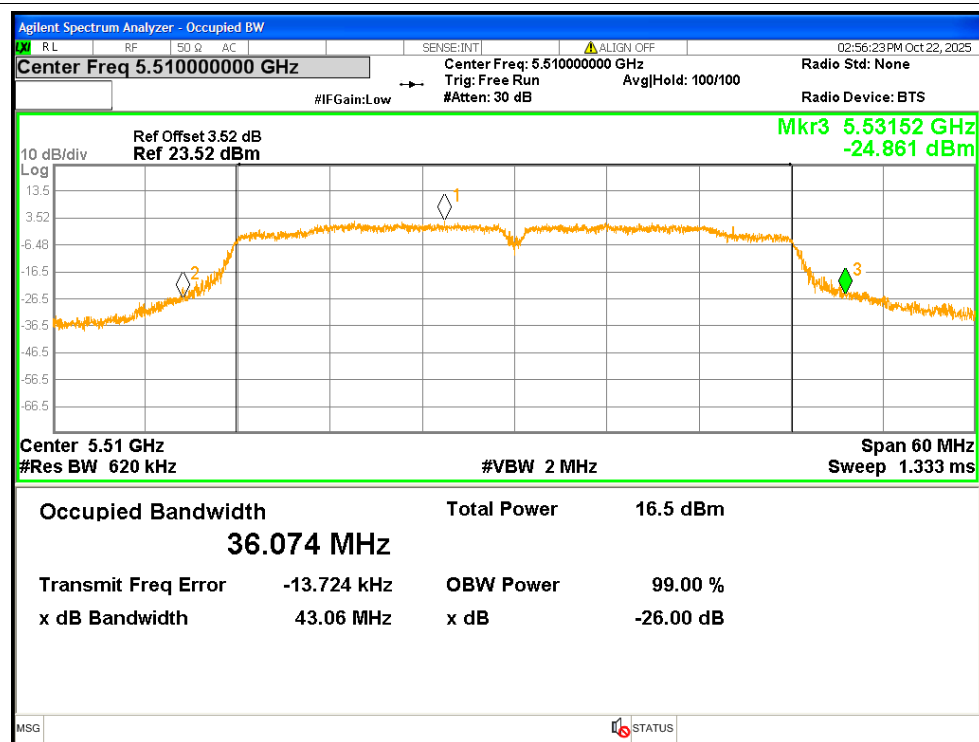
-26dB Bandwidth NVNT ac20 5700MHz Ant2



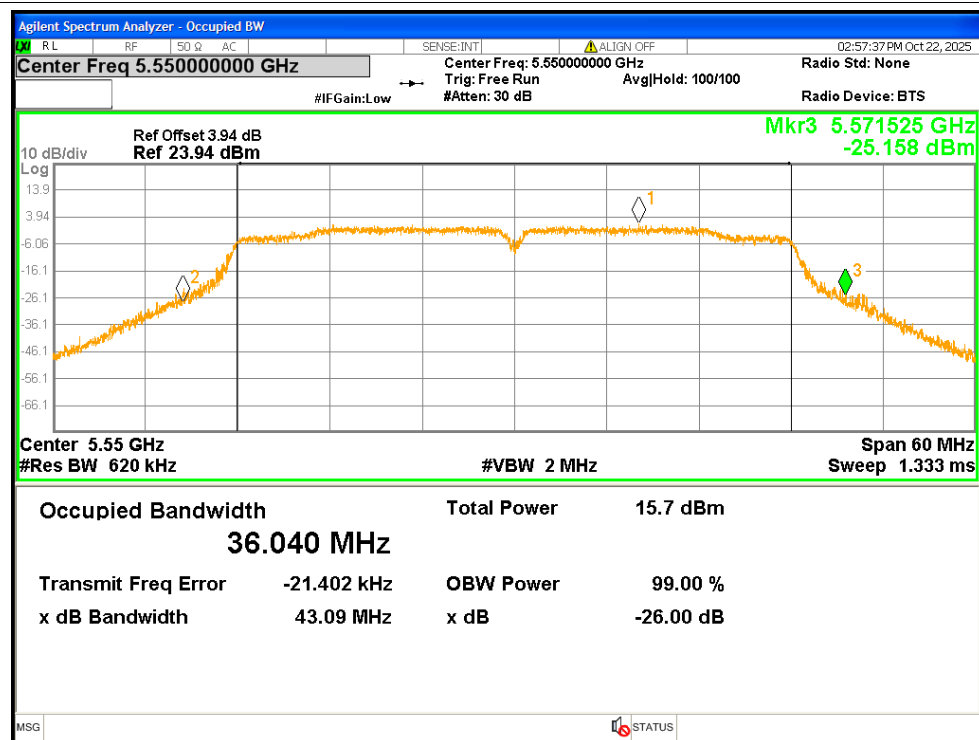
-26dB Bandwidth NVNT ac40 5510MHz Ant1



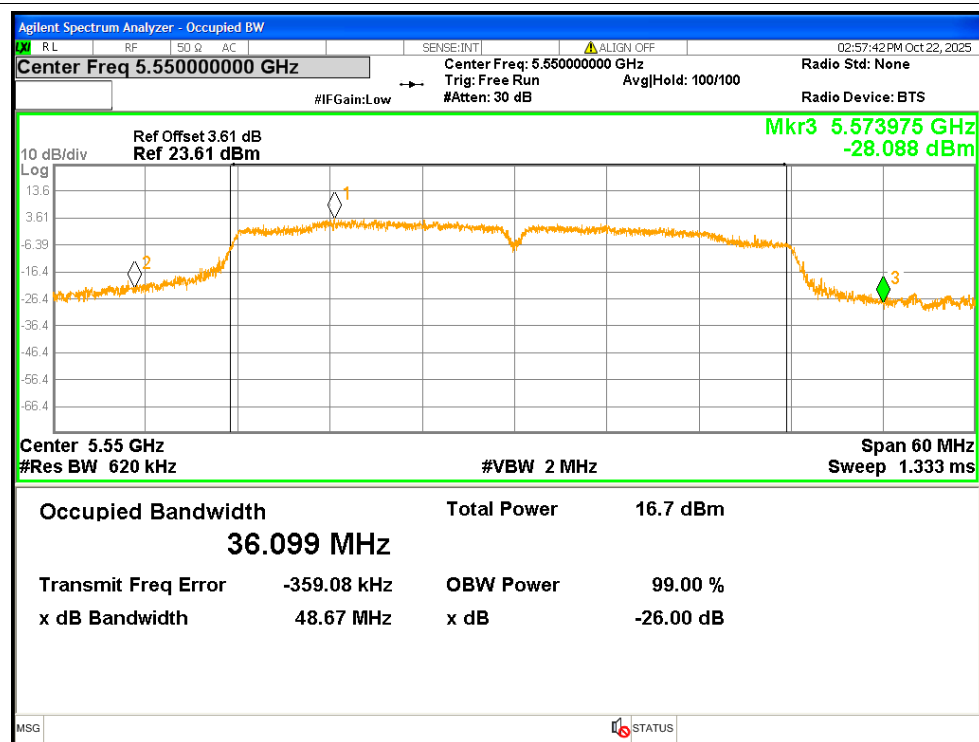
-26dB Bandwidth NVNT ac40 5510MHz Ant2



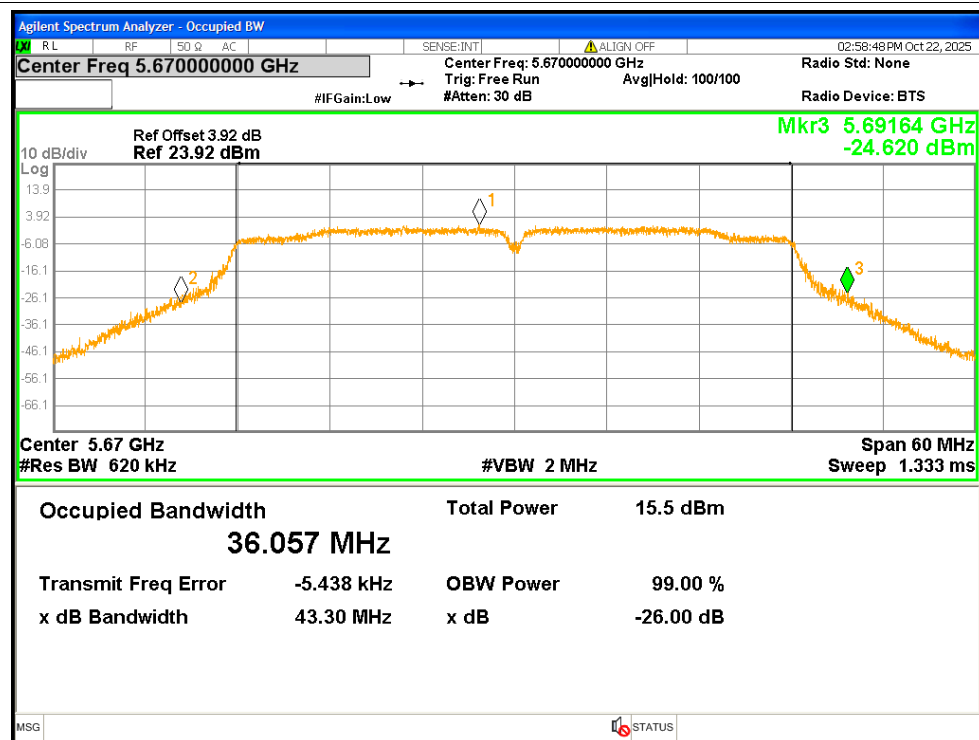
-26dB Bandwidth NVNT ac40 5550MHz Ant1



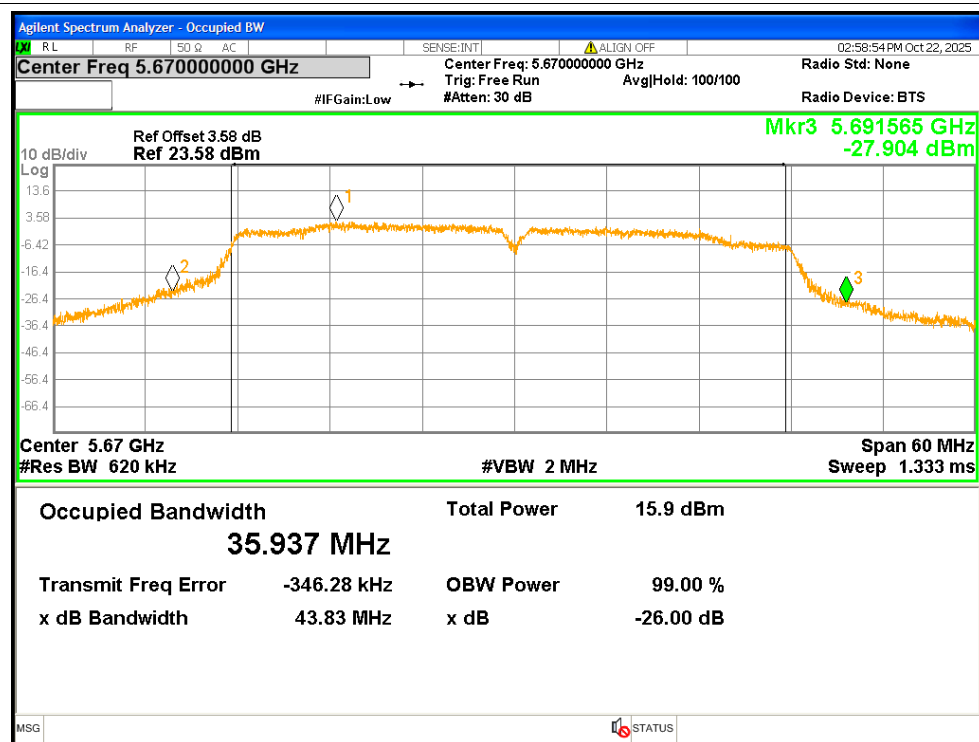
-26dB Bandwidth NVNT ac40 5550MHz Ant2



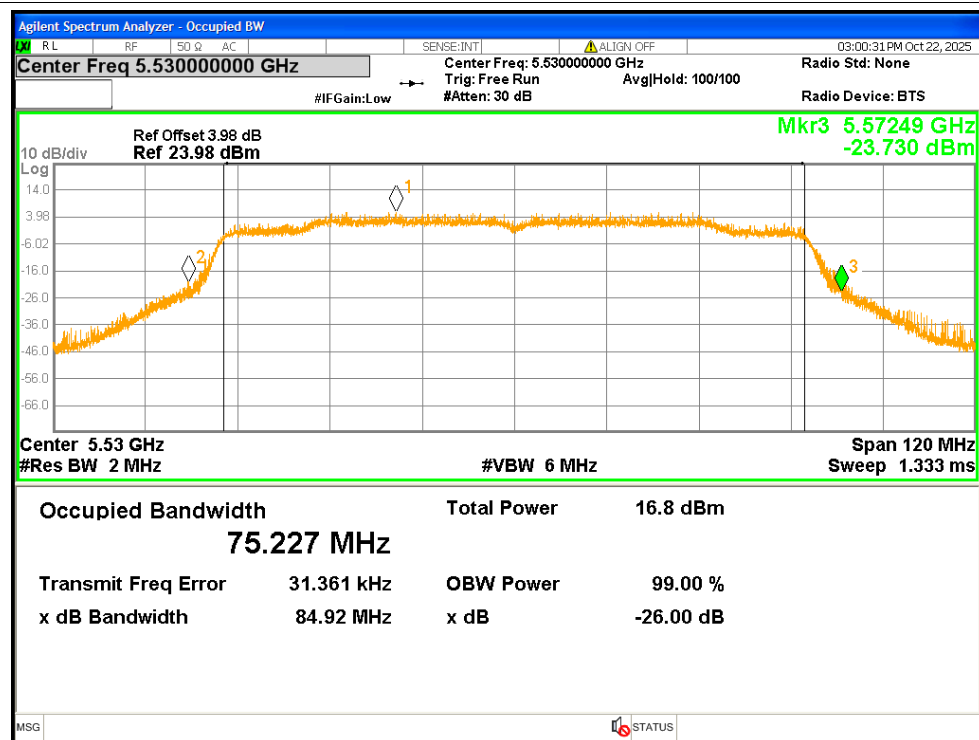
-26dB Bandwidth NVNT ac40 5670MHz Ant1



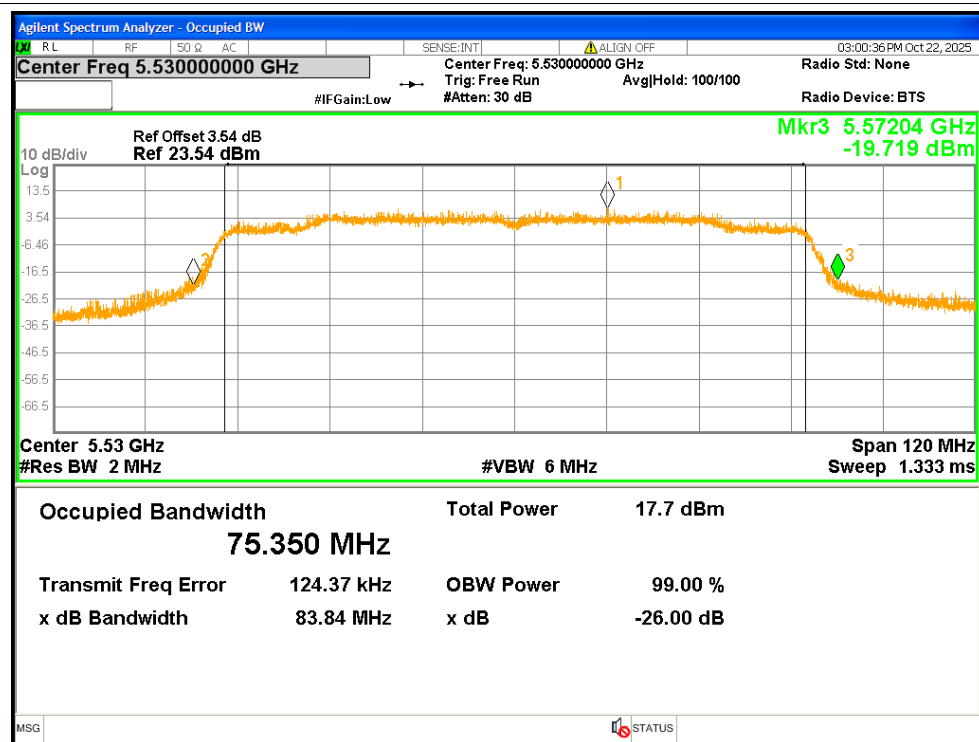
-26dB Bandwidth NVNT ac40 5670MHz Ant2



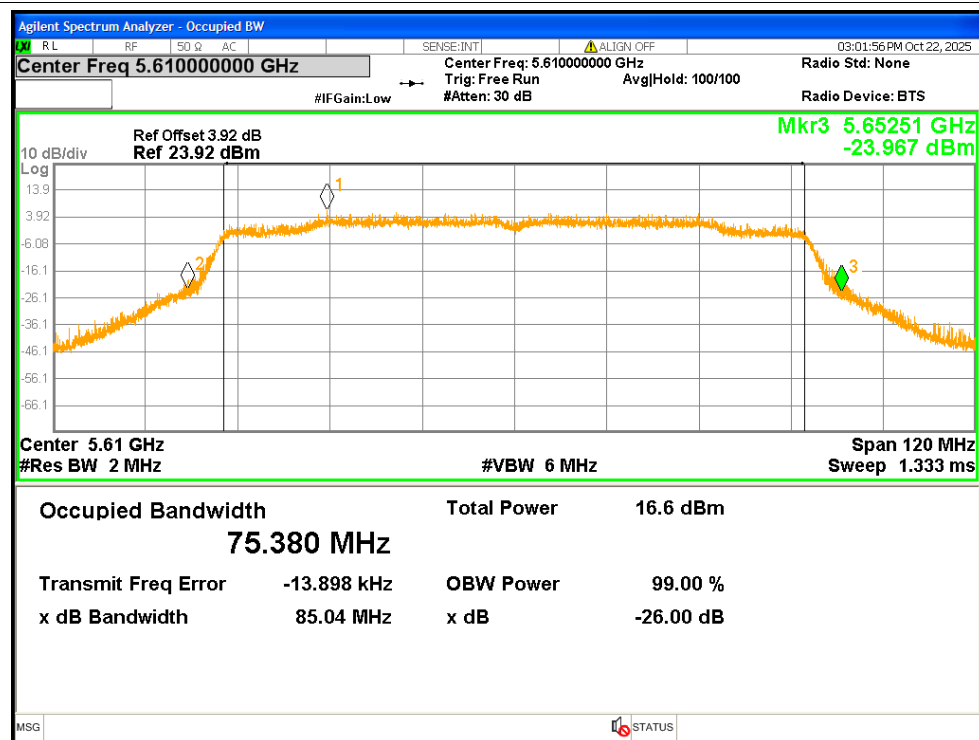
-26dB Bandwidth NVNT ac80 5530MHz Ant1



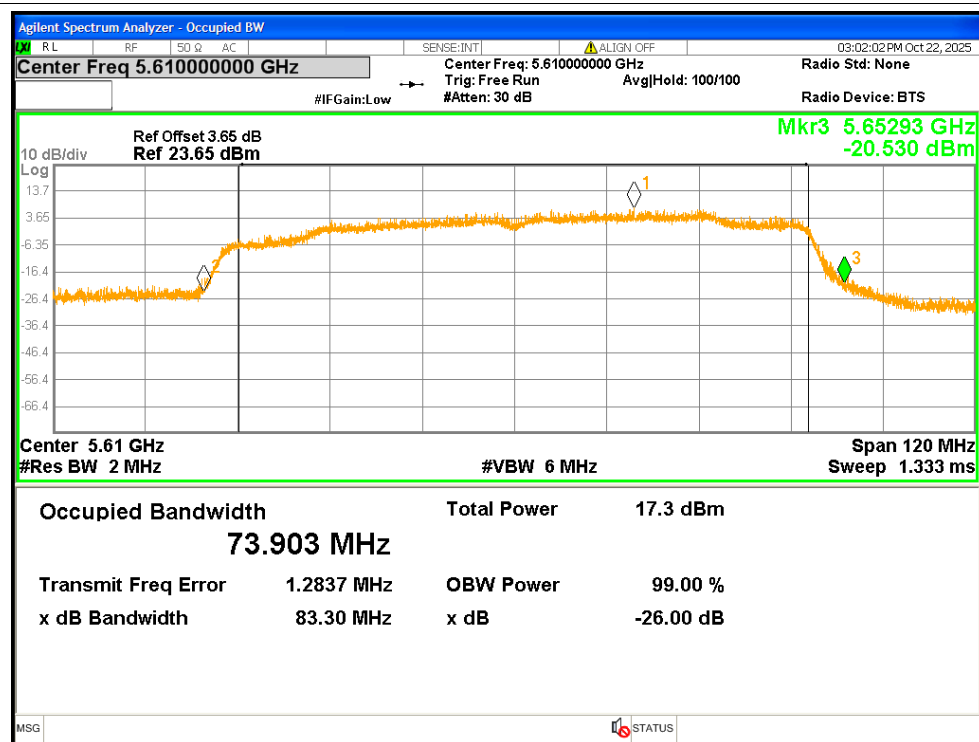
-26dB Bandwidth NVNT ac80 5530MHz Ant2



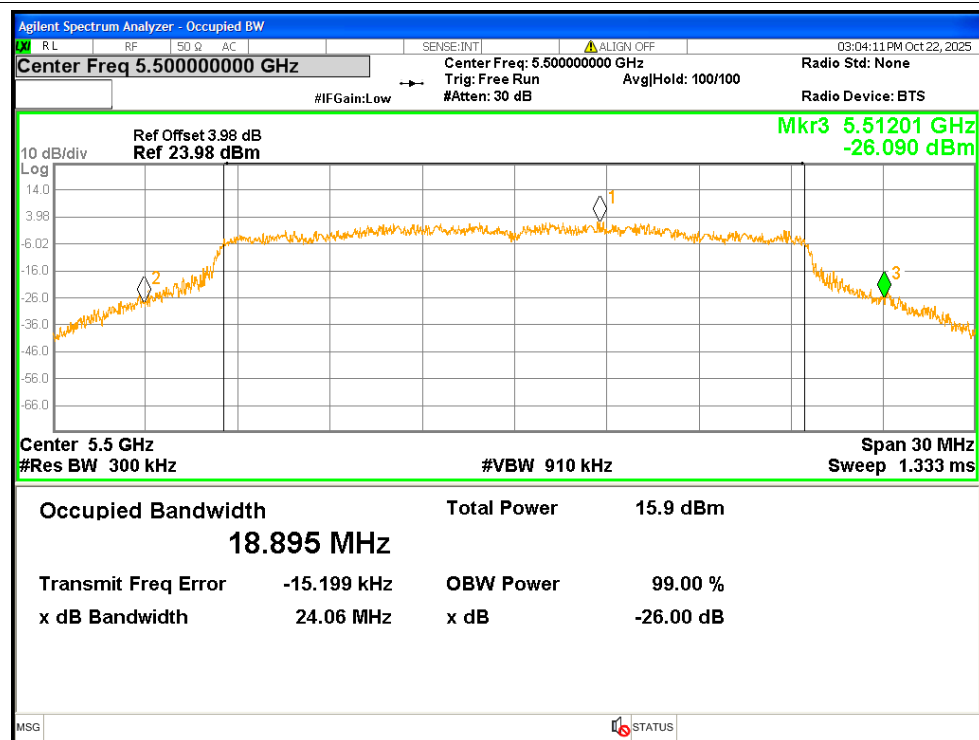
-26dB Bandwidth NVNT ac80 5610MHz Ant1



-26dB Bandwidth NVNT ac80 5610MHz Ant2



-26dB Bandwidth NVNT ax20 5500MHz Ant1



-26dB Bandwidth NVNT ax20 5500MHz Ant2

