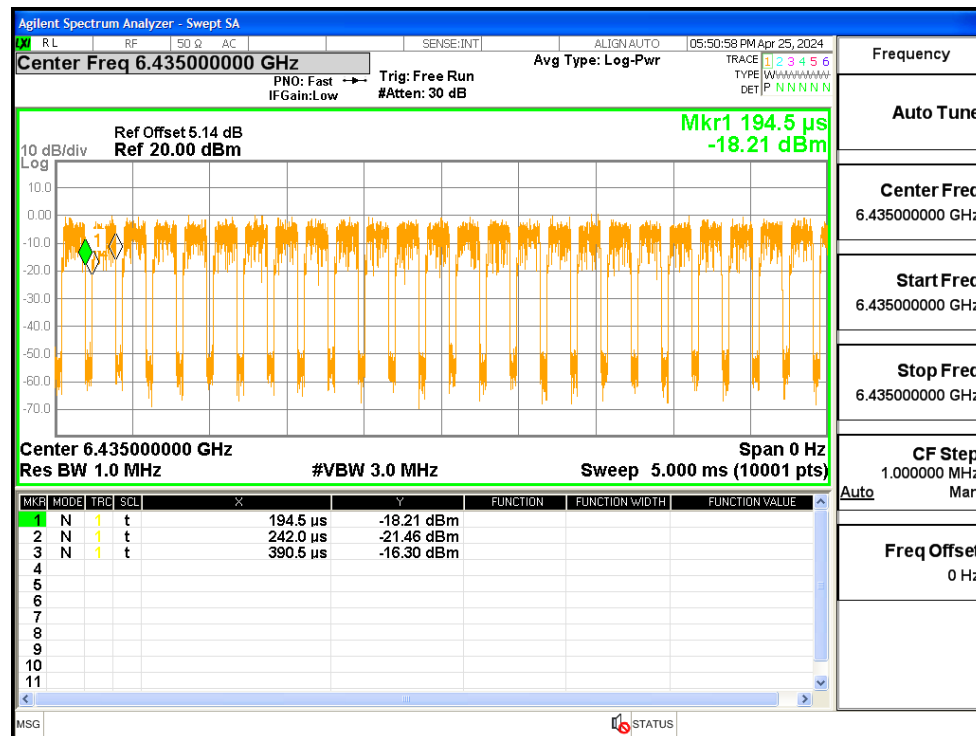


1. Duty Cycle

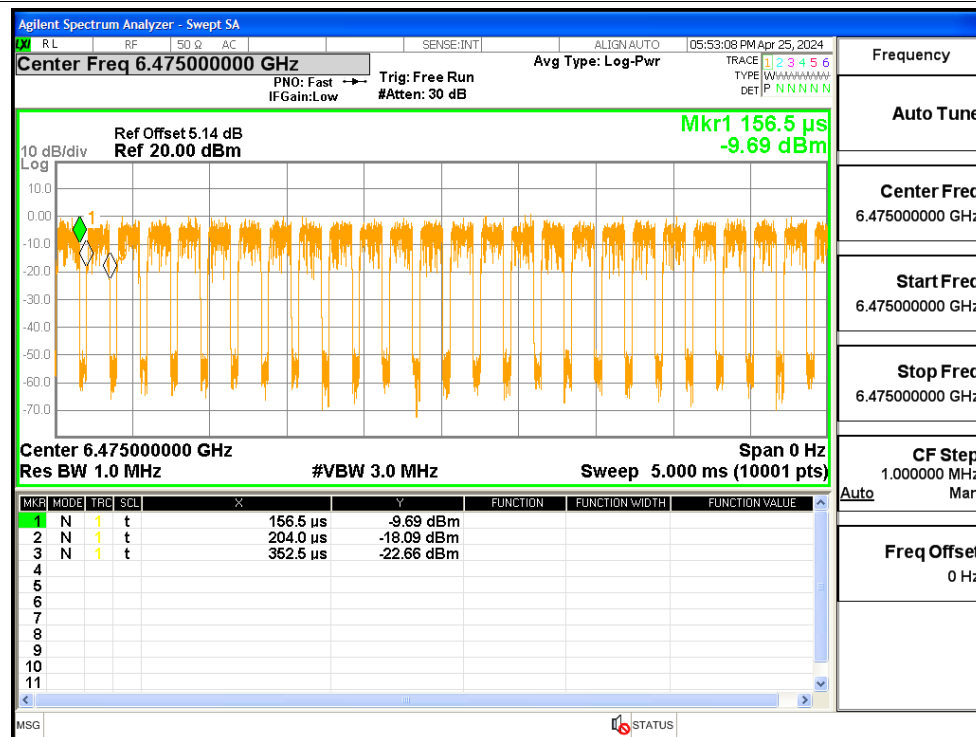
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	6435	Ant1	75.77	1.21	6.73
NVNT	a	6475	Ant1	75.77	1.21	6.73
NVNT	a	6515	Ant1	75.77	1.21	6.73
NVNT	a	6435	Ant2	75.77	1.21	6.73
NVNT	a	6475	Ant2	75.77	1.21	6.73
NVNT	a	6515	Ant2	75.77	1.21	6.73
NVNT	ax160	6505	Sum	84.26	0.74	3.89
NVNT	ax20	6435	Sum	83.75	0.77	3.96
NVNT	ax20	6475	Sum	83.86	0.76	3.97
NVNT	ax20	6515	Sum	83.75	0.77	3.96
NVNT	ax40	6445	Sum	83.99	0.76	3.89
NVNT	ax40	6485	Sum	84.4	0.74	3.89
NVNT	ax80	6465	Sum	84.48	0.73	3.87

Test Graphs

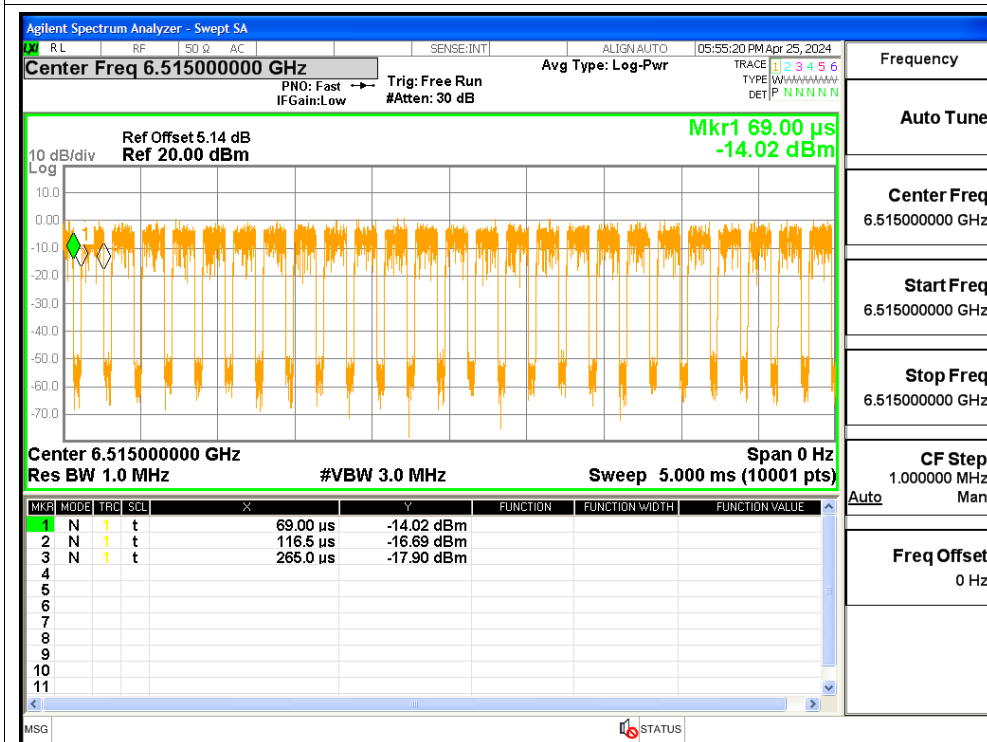
Duty Cycle NVNT a 6435MHz Ant1



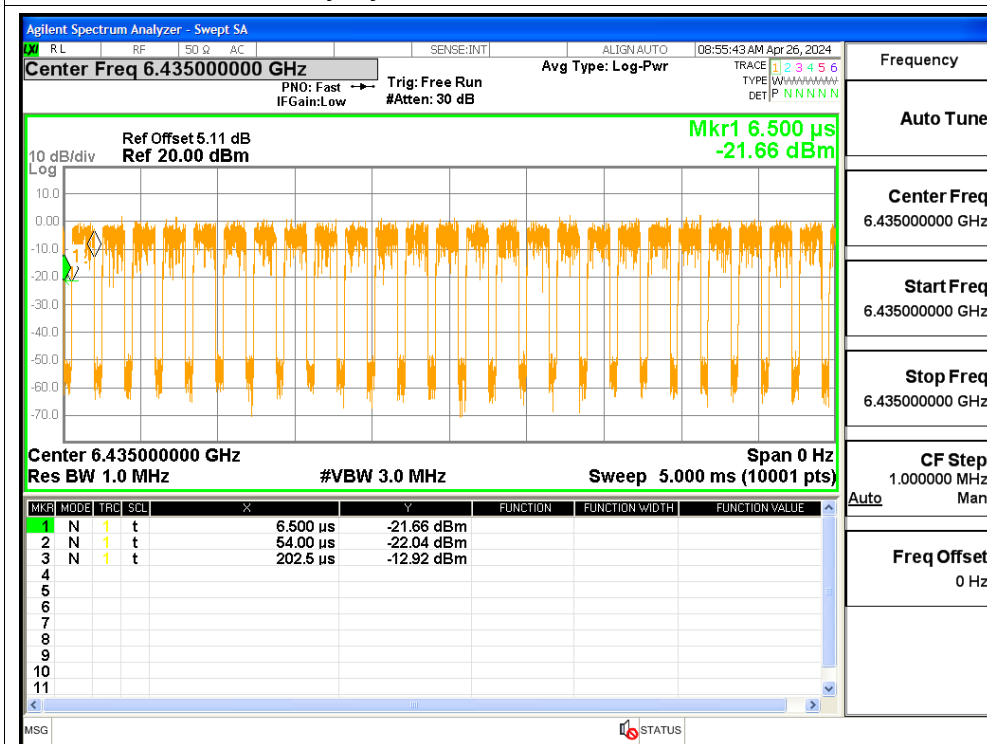
Duty Cycle NVNT a 6475MHz Ant1



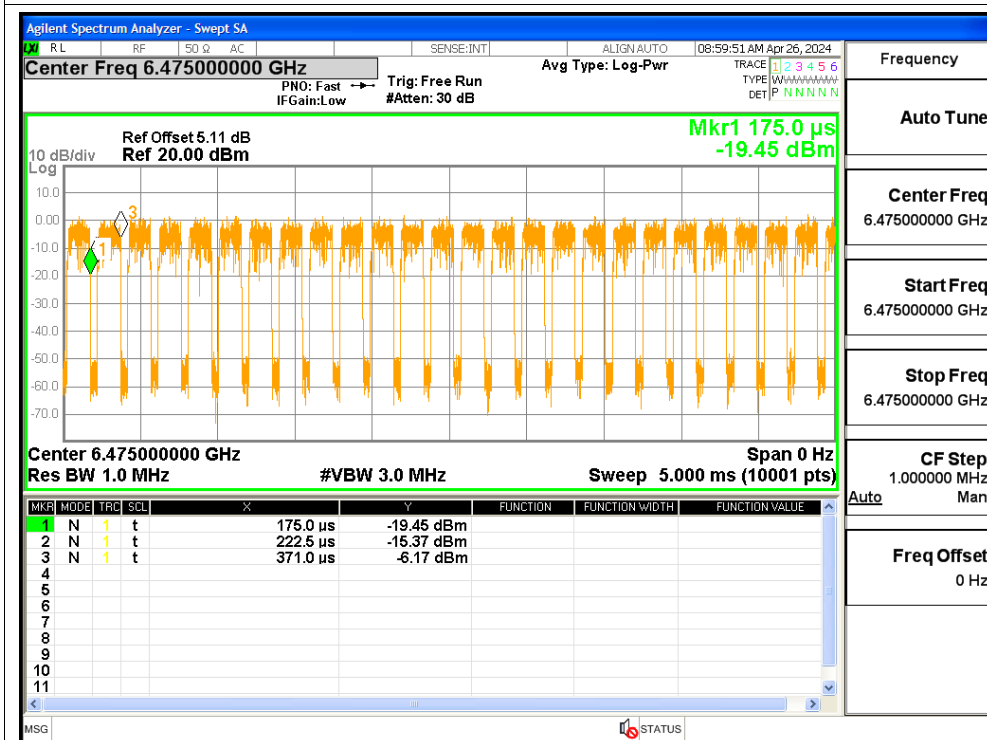
Duty Cycle NVNT a 6515MHz Ant1



Duty Cycle NVNT a 6435MHz Ant2



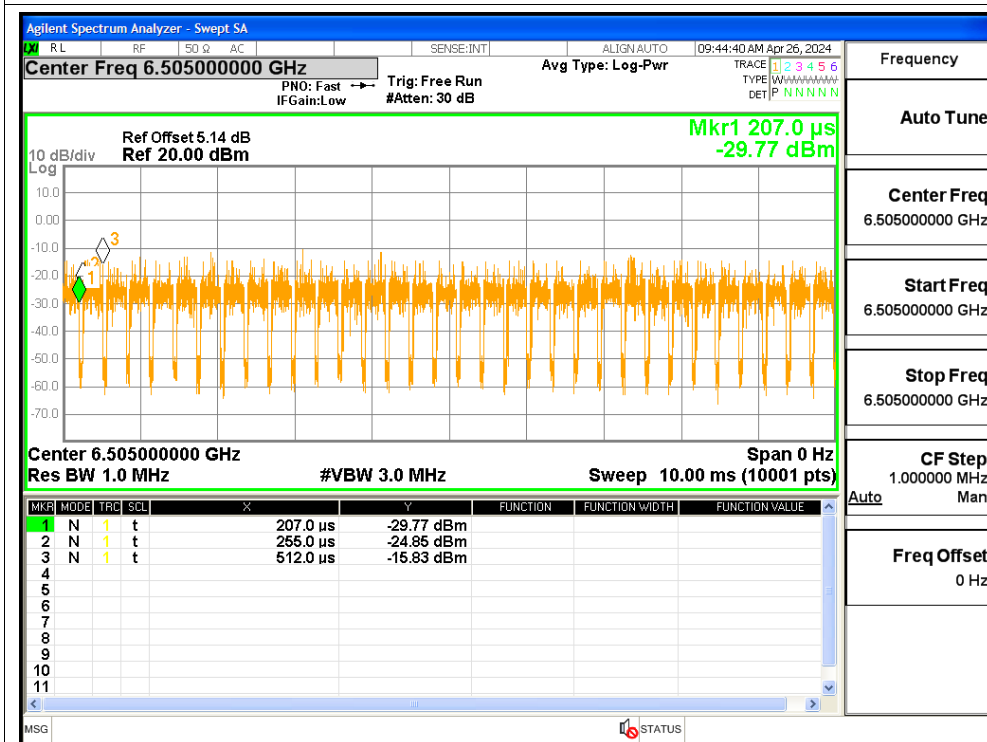
Duty Cycle NVNT a 6475MHz Ant2



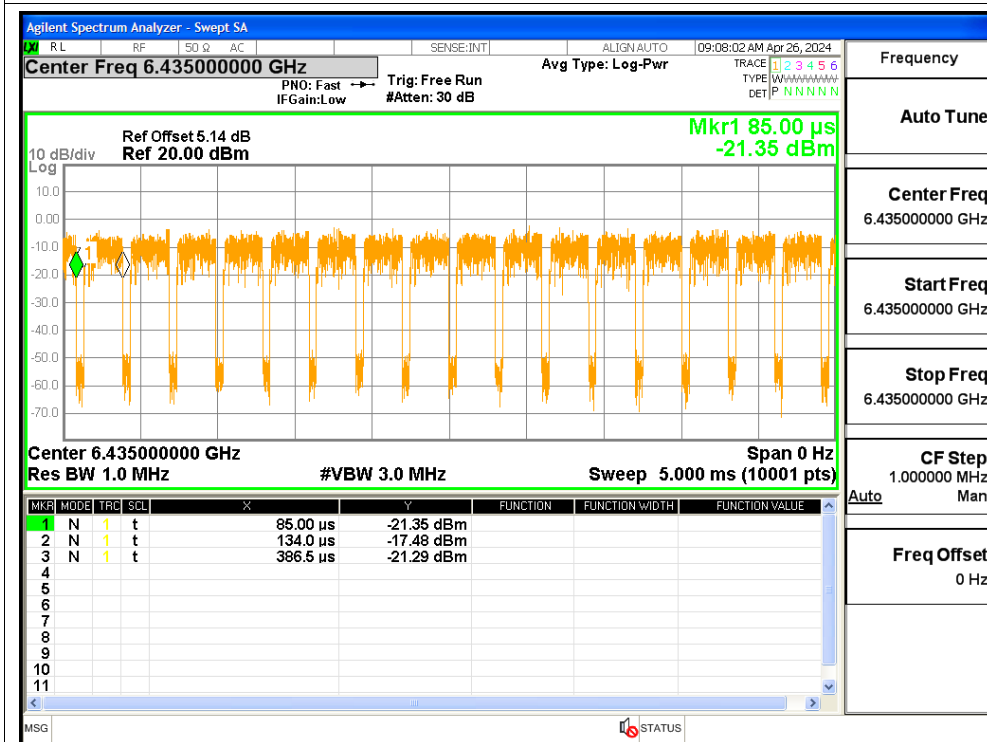
Duty Cycle NVNT a 6515MHz Ant2



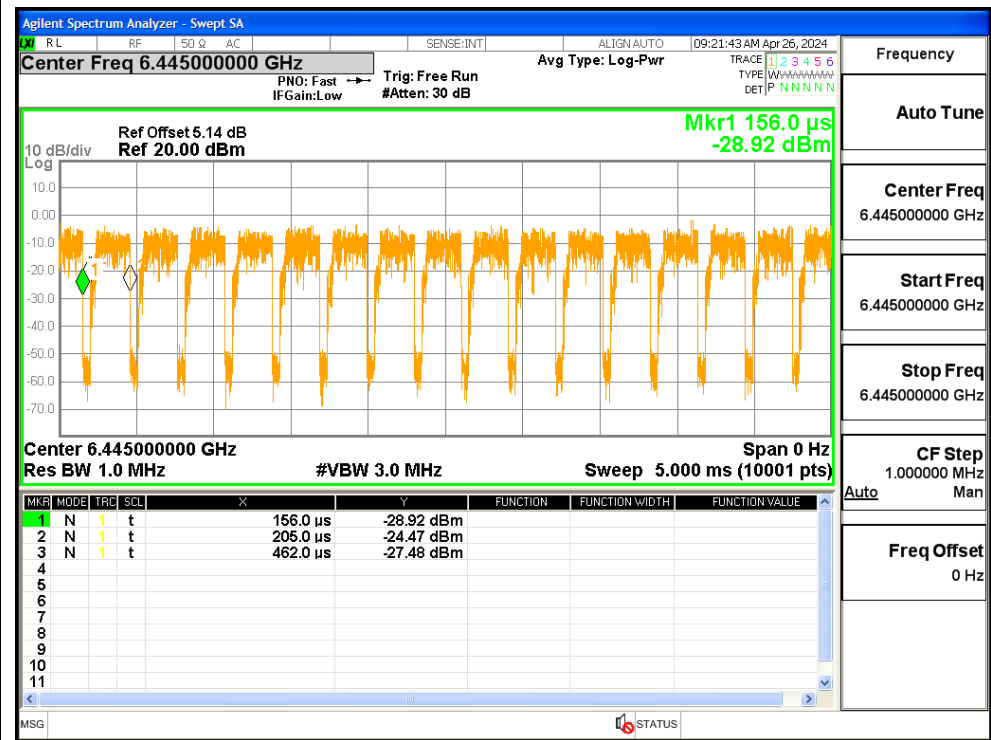
Duty Cycle NVNT ax160 6505MHz Sum



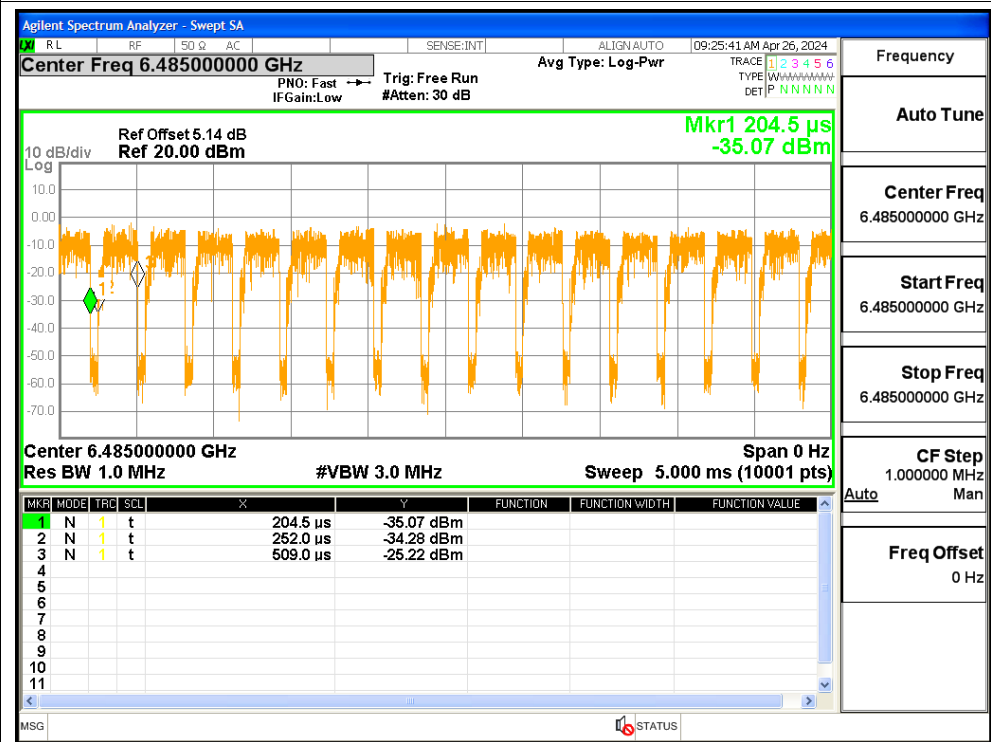
Duty Cycle NVNT ax20 6435MHz Sum

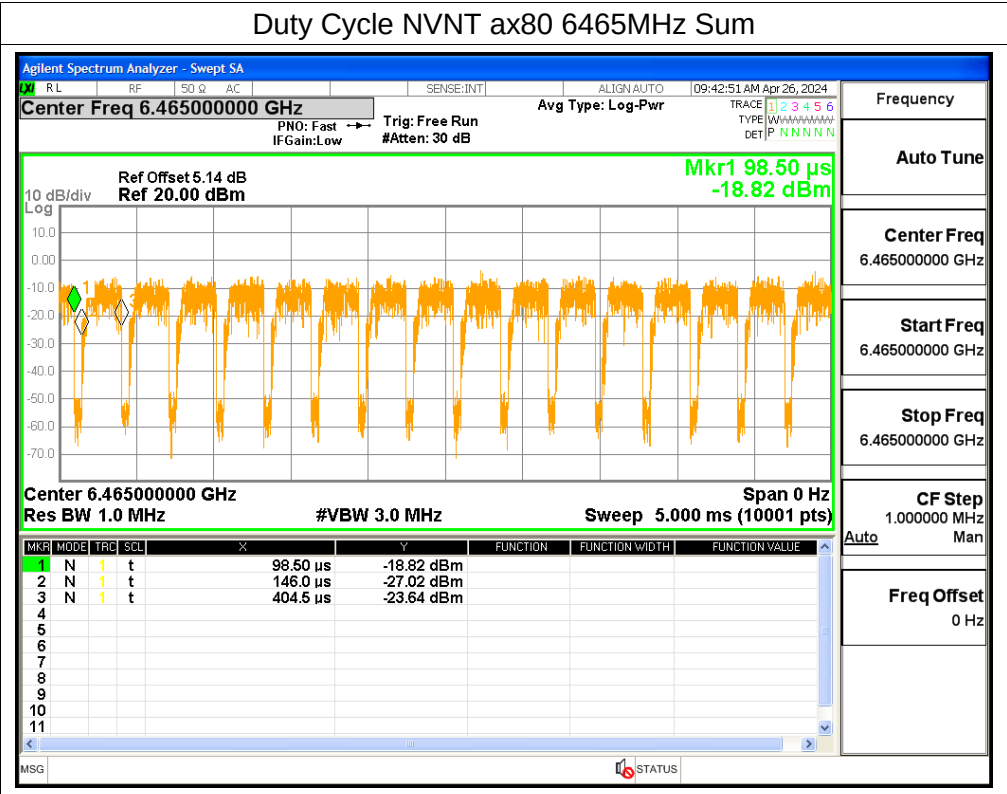


Duty Cycle NVNT ax40 6445MHz Sum



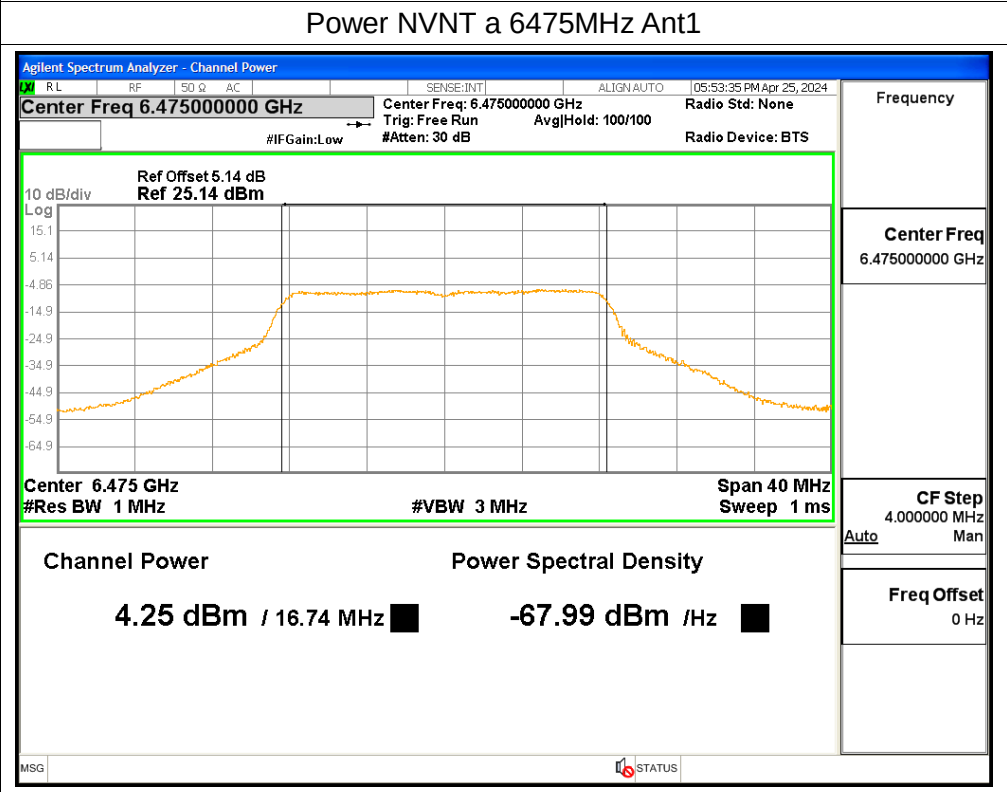
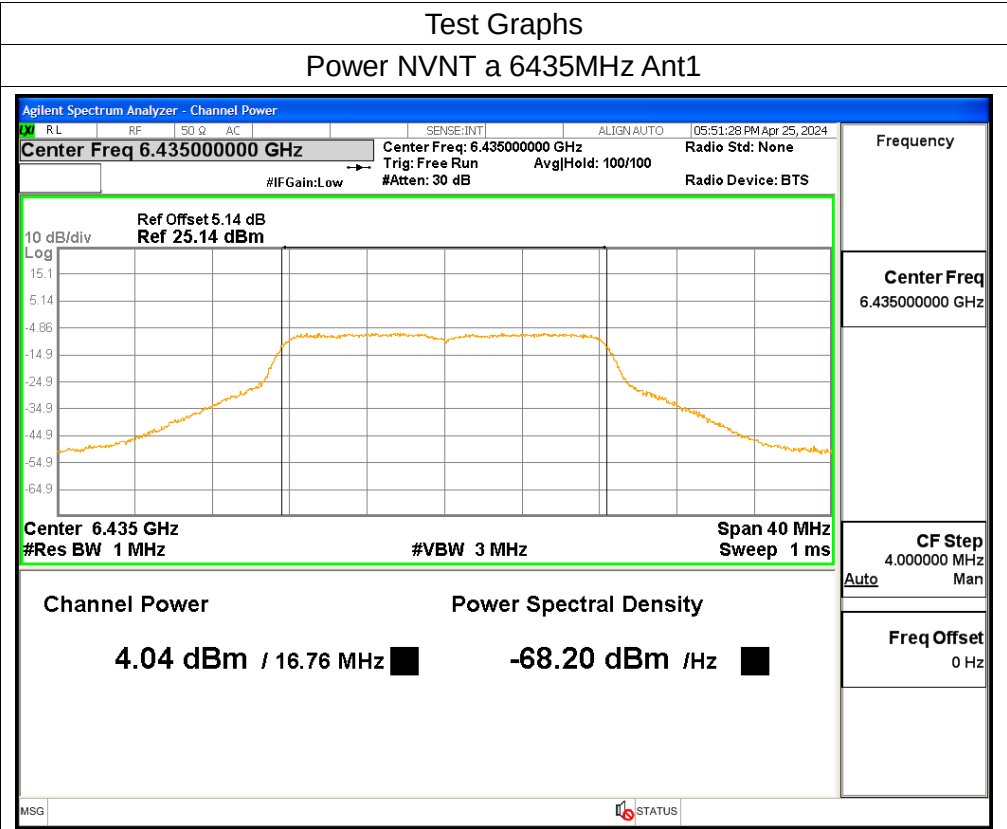
Duty Cycle NVNT ax40 6485MHz Sum



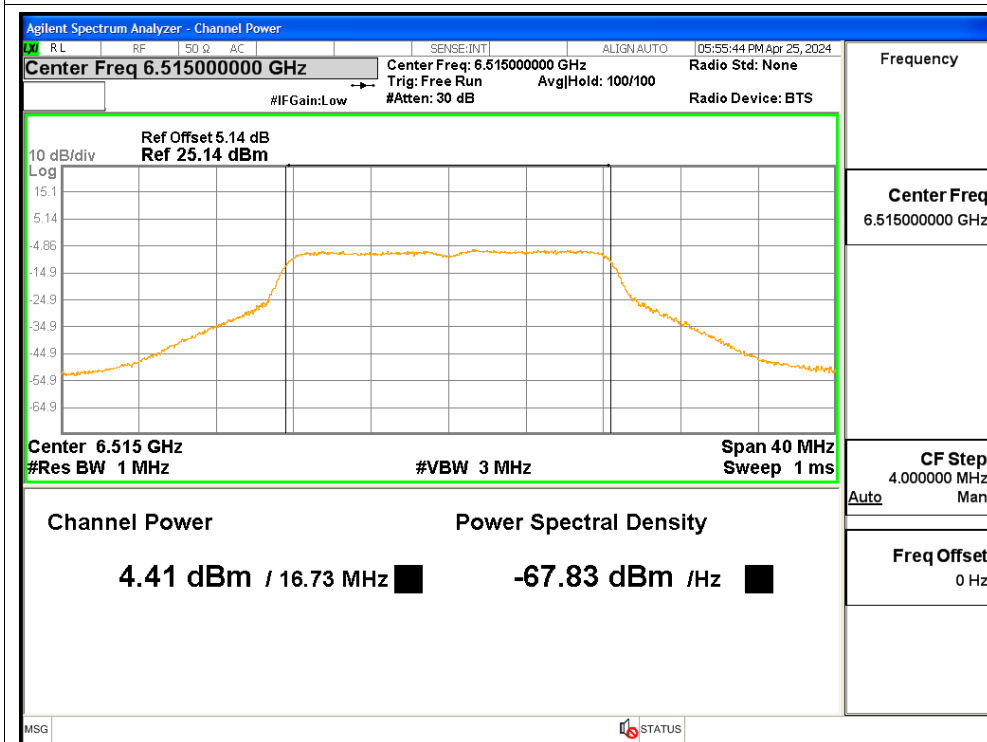


2. Maximum Conducted Output Power

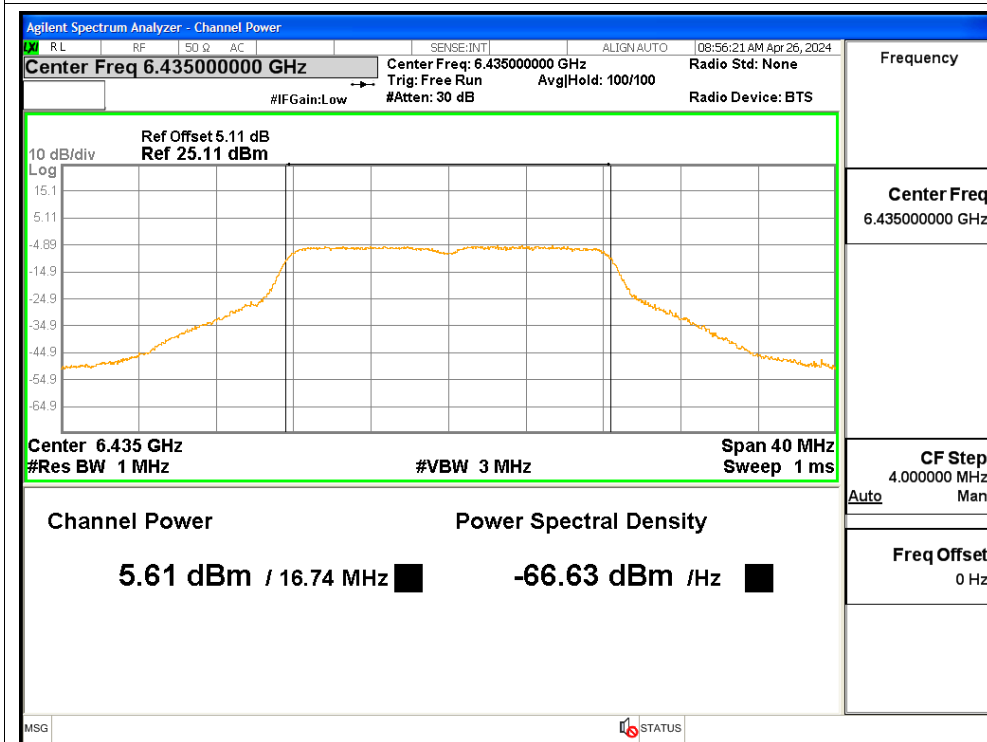
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Gain (dBi)	eirp Power	Limit (dBm)	Verdict
NVNT	a	6435	Ant1	4.04	1.21	5.25	4.94	10.19	24	Pass
NVNT	a	6475	Ant1	4.25	1.21	5.46	4.94	10.4	24	Pass
NVNT	a	6515	Ant1	4.41	1.21	5.62	4.94	10.56	24	Pass
NVNT	a	6435	Ant2	5.61	1.21	6.82	4.48	11.3	24	Pass
NVNT	a	6475	Ant2	5.75	1.21	6.96	4.48	11.44	24	Pass
NVNT	a	6515	Ant2	5.66	1.21	6.87	4.48	11.35	24	Pass
NVNT	ax160	6505	Ant1	5.8	0.74	6.54	4.94	11.48	24	Pass
NVNT	ax160	6505	Ant2	7.08	0.74	7.82	4.48	12.3	24	Pass
NVNT	ax160	6505	Sum					14.92	24	Pass
NVNT	ax20	6435	Ant1	1.31	0.77	2.08	4.94	7.02	24	Pass
NVNT	ax20	6435	Ant2	3.08	0.77	3.85	4.48	8.33	24	Pass
NVNT	ax20	6435	Sum					10.73	24	Pass
NVNT	ax20	6475	Ant1	1.66	0.76	2.42	4.94	7.36	24	Pass
NVNT	ax20	6475	Ant2	3.43	0.76	4.19	4.48	8.67	24	Pass
NVNT	ax20	6475	Sum					11.07	24	Pass
NVNT	ax20	6515	Ant1	1.91	0.77	2.68	4.94	7.62	24	Pass
NVNT	ax20	6515	Ant2	3.14	0.77	3.91	4.48	8.39	24	Pass
NVNT	ax20	6515	Sum					11.03	24	Pass
NVNT	ax40	6445	Ant1	4.83	0.76	5.59	4.94	10.53	24	Pass
NVNT	ax40	6445	Ant2	6.46	0.76	7.22	4.48	11.7	24	Pass
NVNT	ax40	6445	Sum					14.16	24	Pass
NVNT	ax40	6485	Ant1	4.94	0.74	5.68	4.94	10.62	24	Pass
NVNT	ax40	6485	Ant2	6.68	0.74	7.42	4.48	11.9	24	Pass
NVNT	ax40	6485	Sum					14.32	24	Pass
NVNT	ax80	6465	Ant1	5.33	0.73	6.06	4.94	11	24	Pass
NVNT	ax80	6465	Ant2	6.96	0.73	7.69	4.48	12.17	24	Pass
NVNT	ax80	6465	Sum					14.63	24	Pass



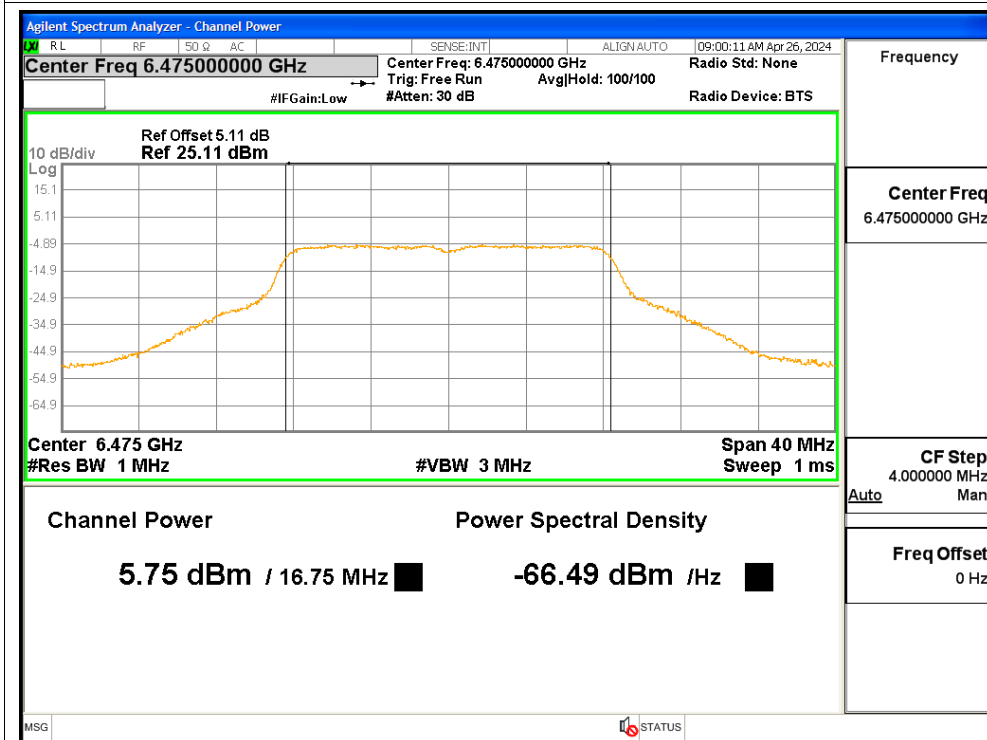
Power NVNT a 6515MHz Ant1



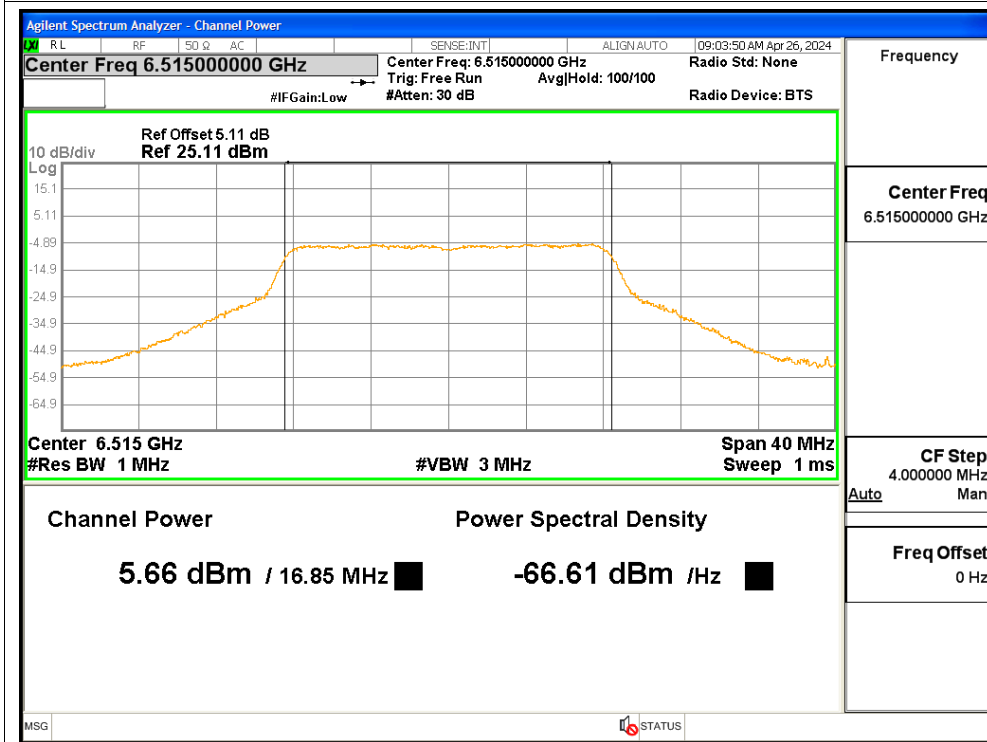
Power NVNT a 6435MHz Ant2

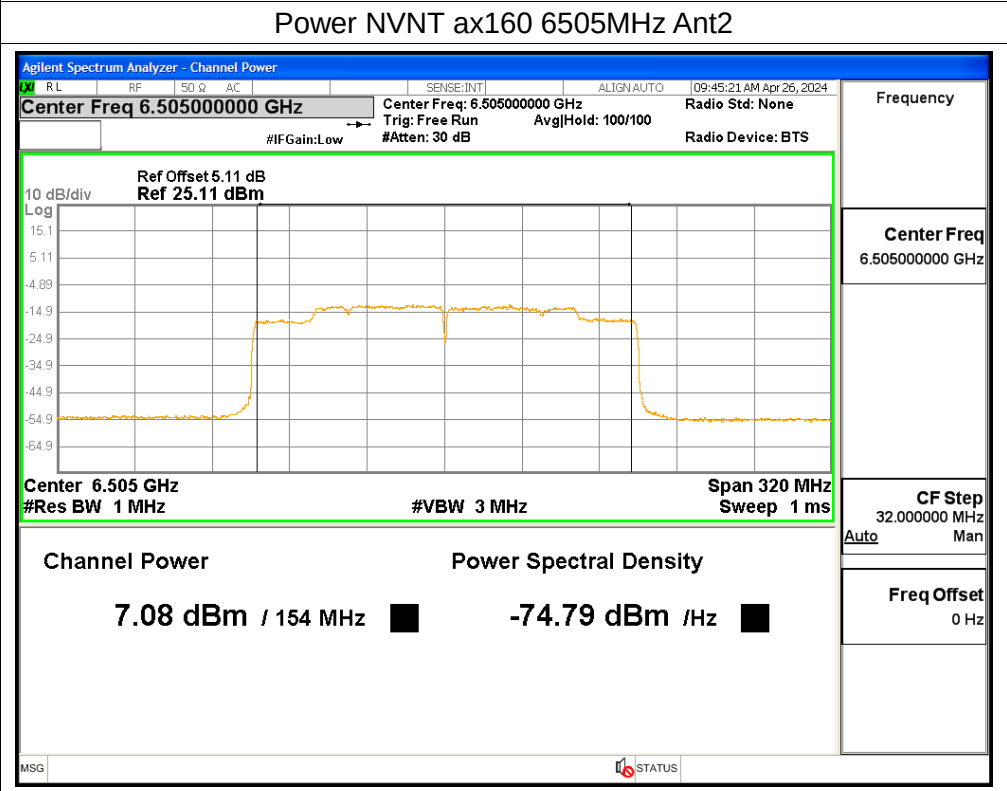
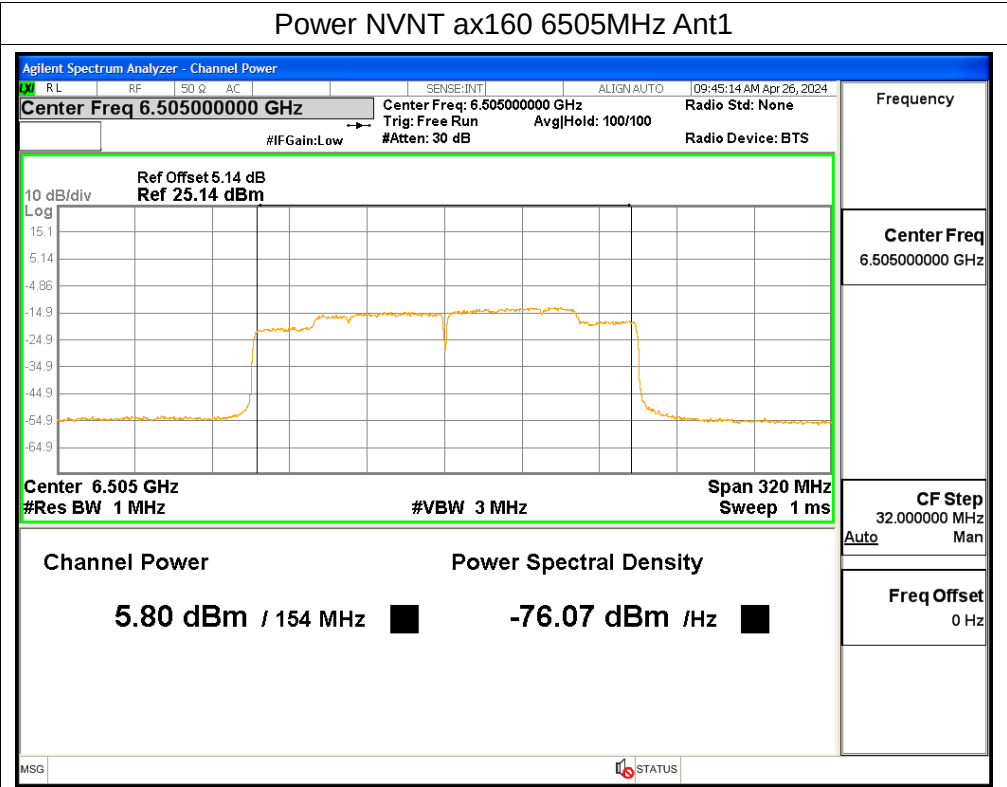


Power NVNT a 6475MHz Ant2

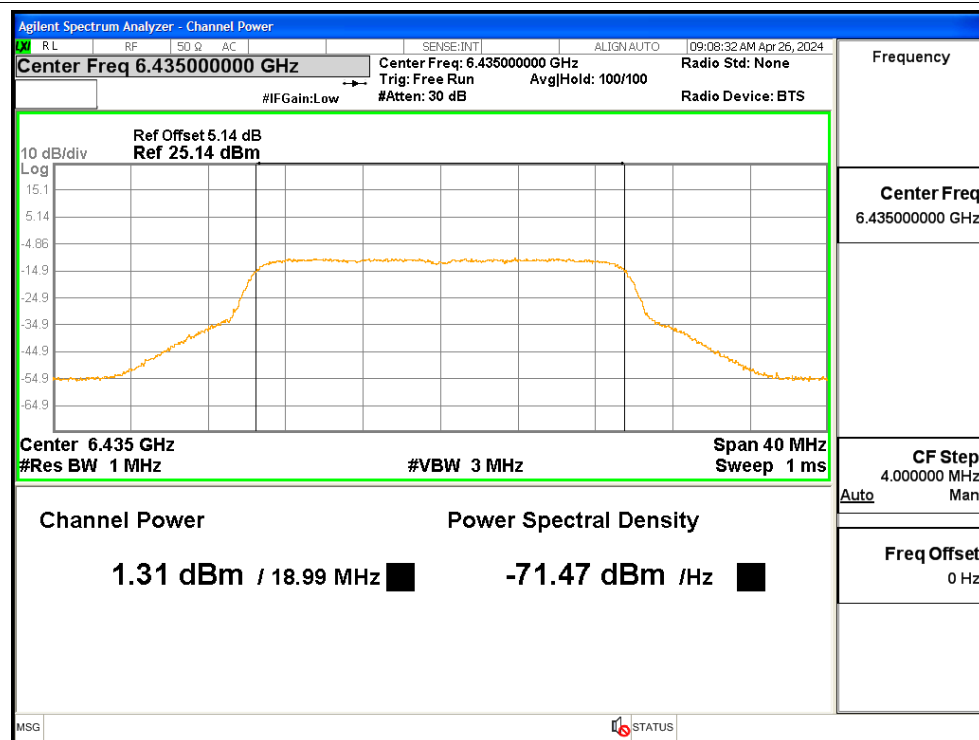


Power NVNT a 6515MHz Ant2

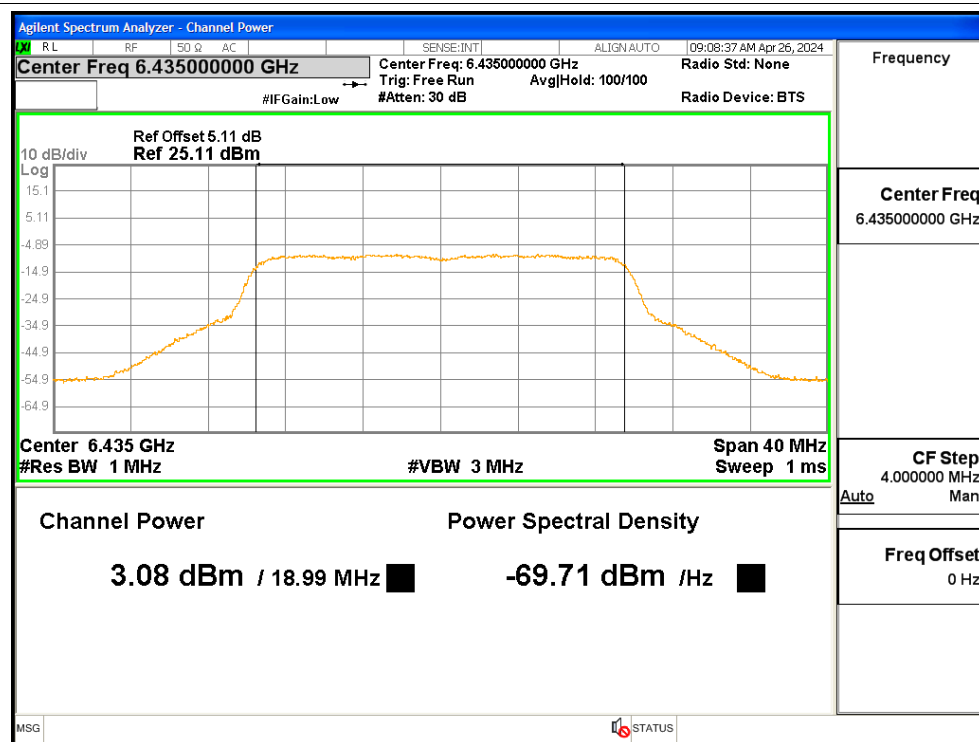


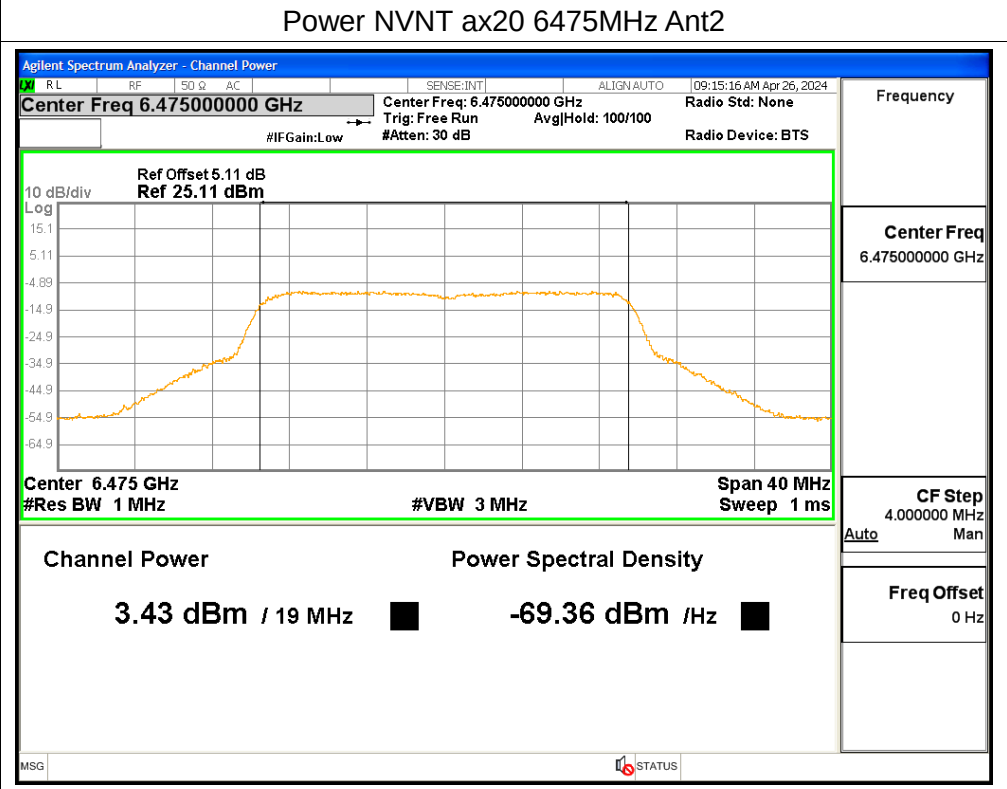
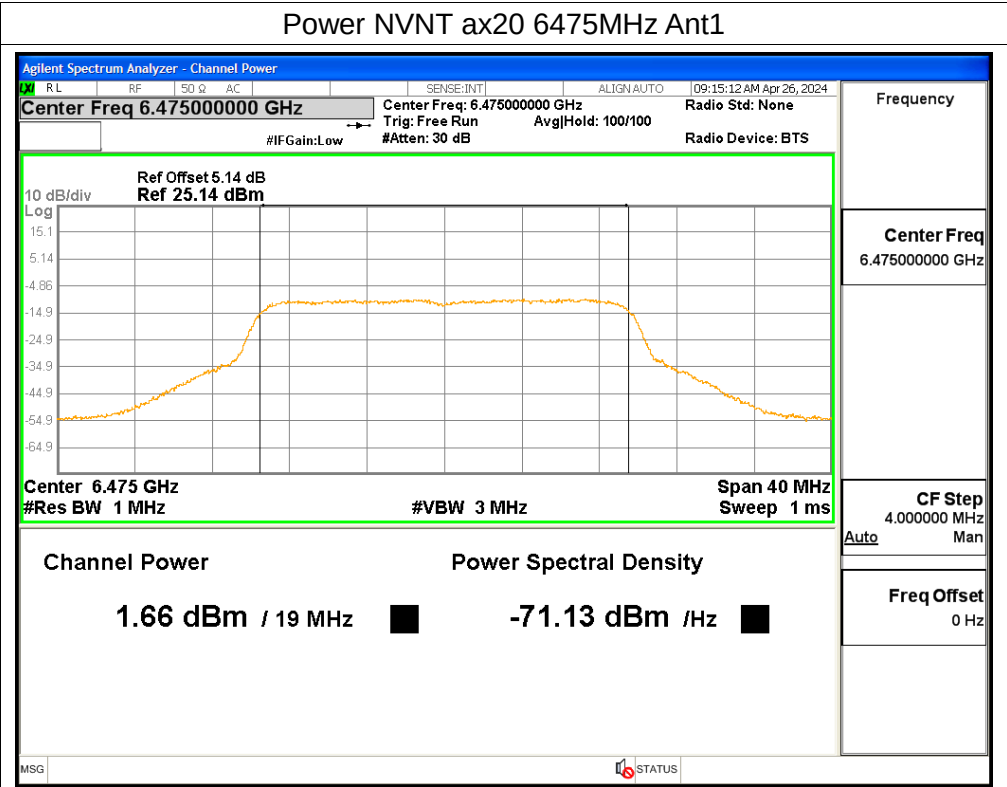


Power NVNT ax20 6435MHz Ant1

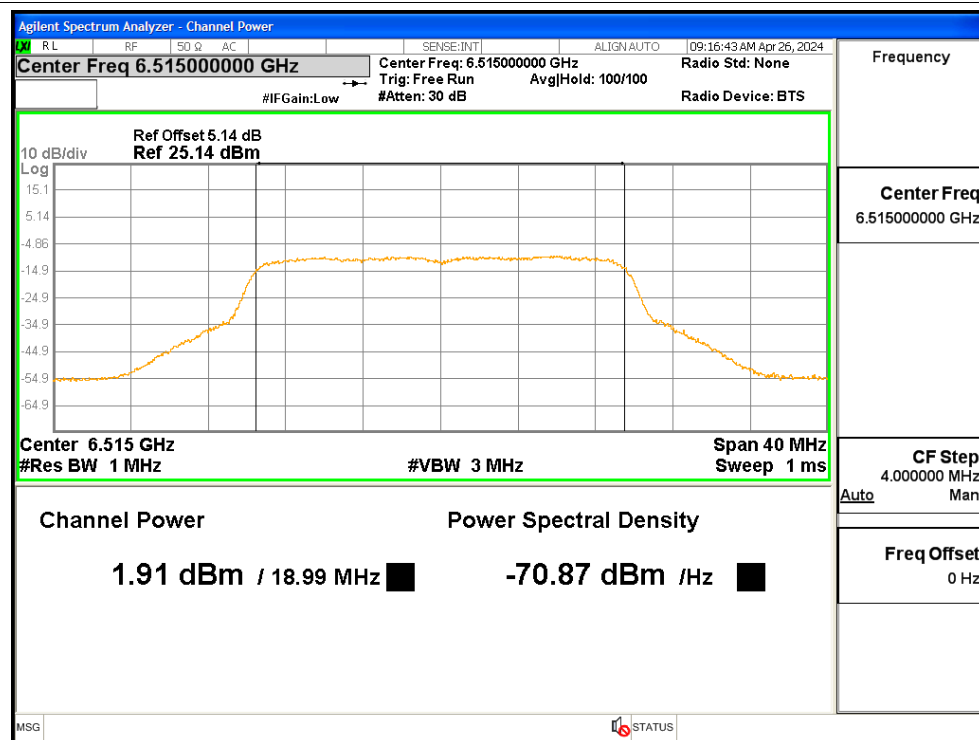


Power NVNT ax20 6435MHz Ant2

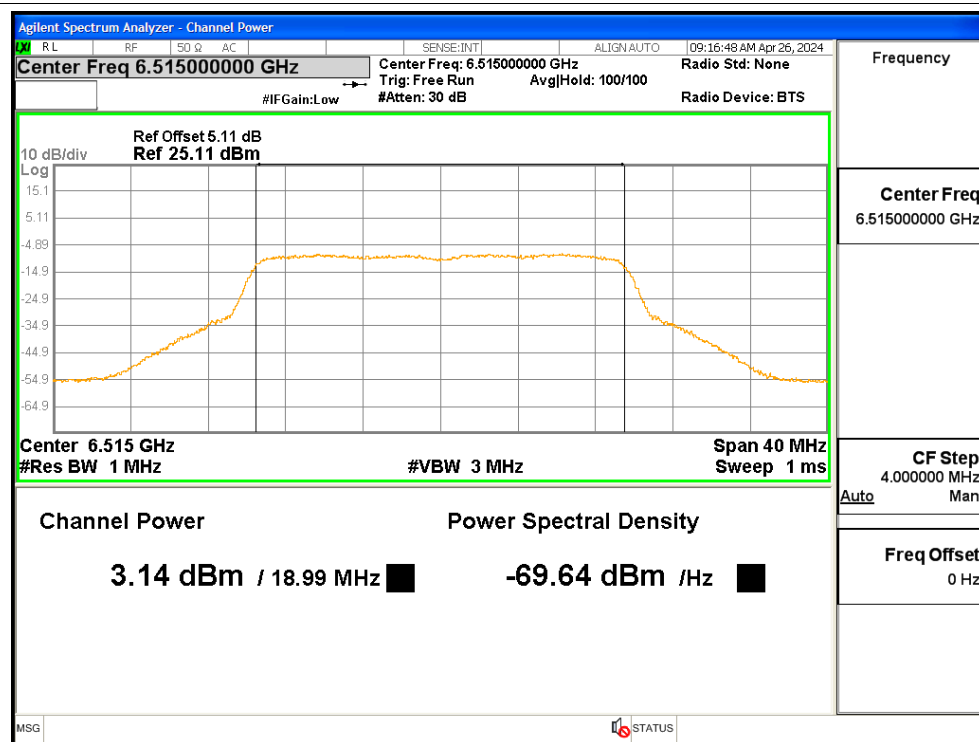




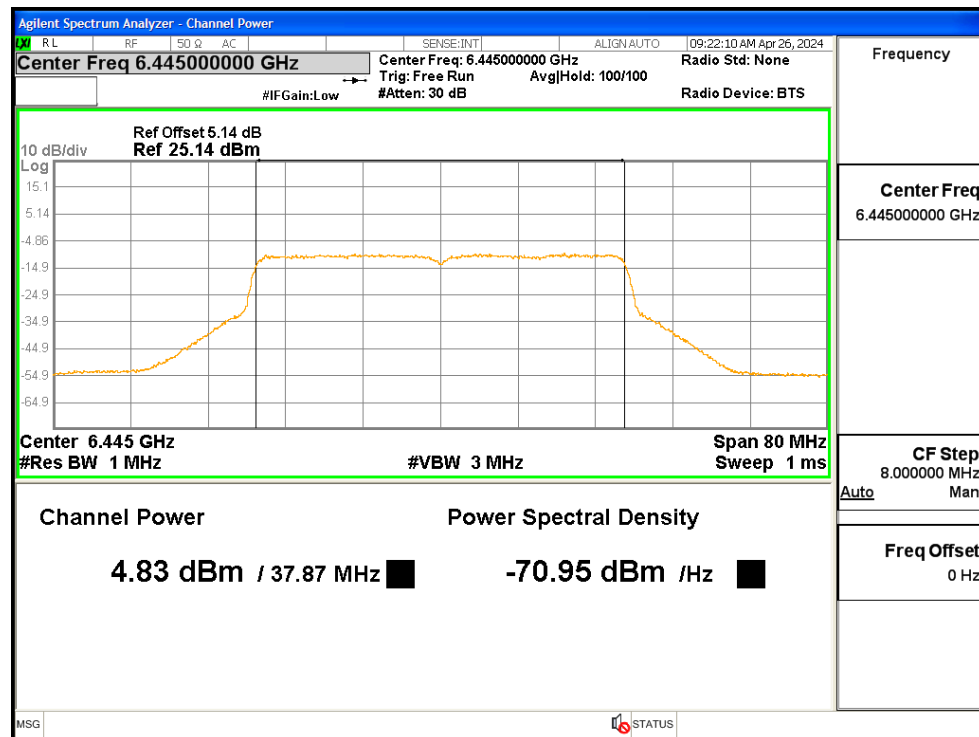
Power NVNT ax20 6515MHz Ant1



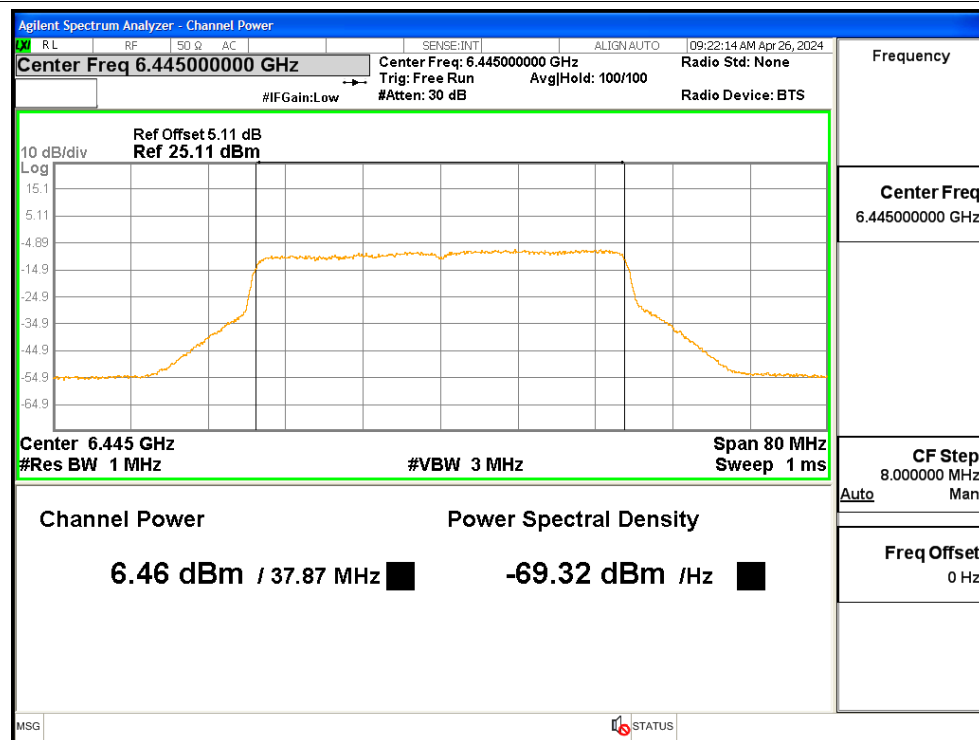
Power NVNT ax20 6515MHz Ant2



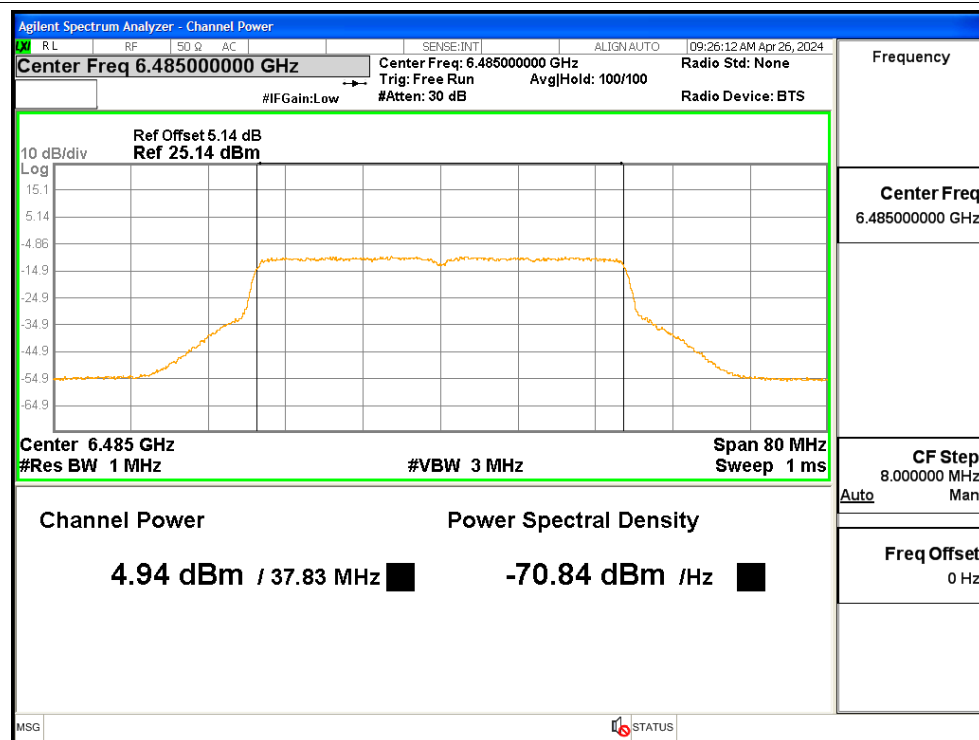
Power NVNT ax40 6445MHz Ant1



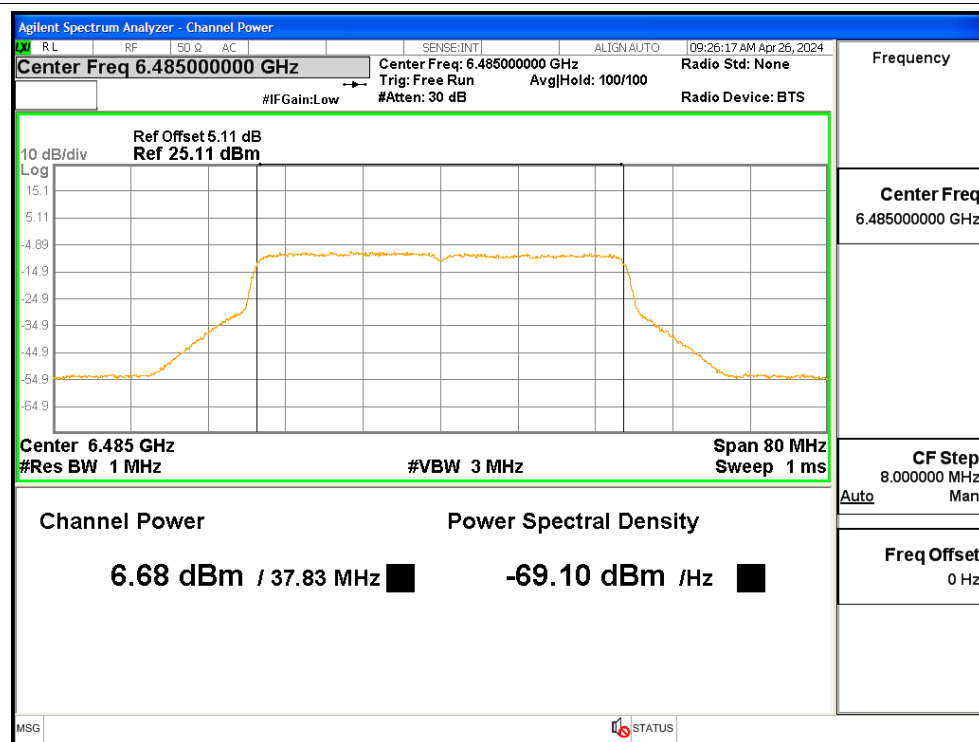
Power NVNT ax40 6445MHz Ant2



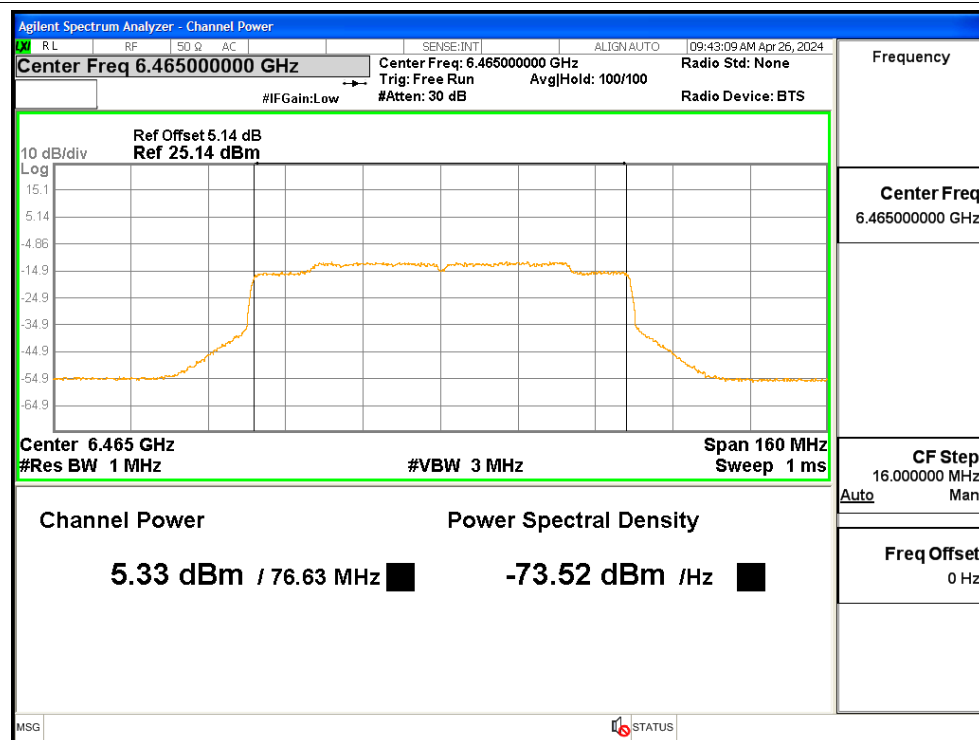
Power NVNT ax40 6485MHz Ant1



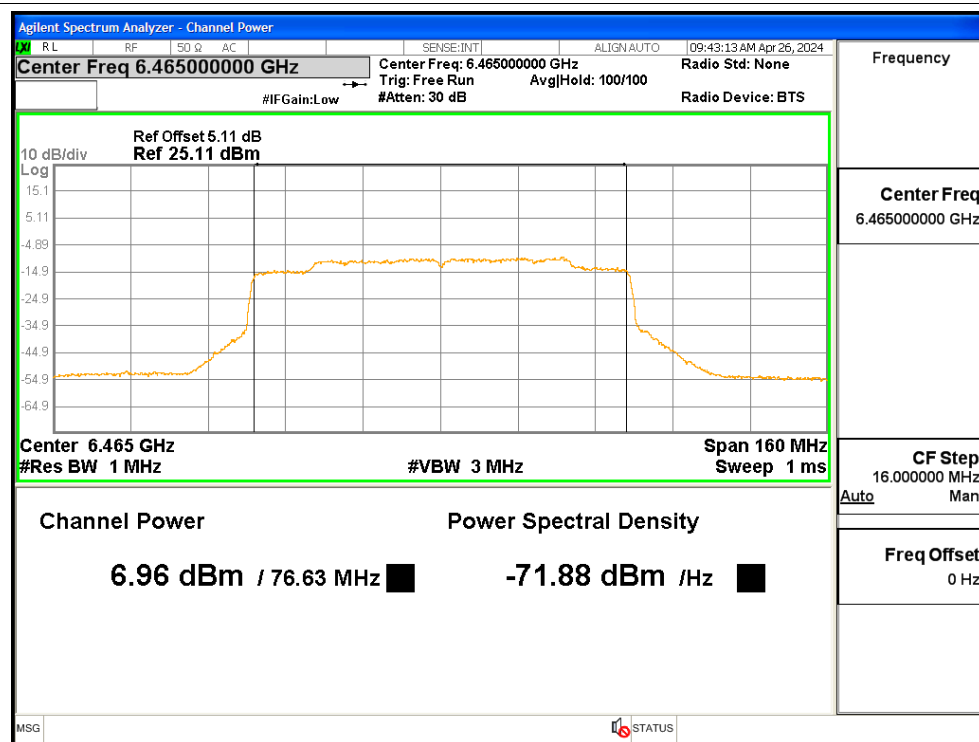
Power NVNT ax40 6485MHz Ant2



Power NVNT ax80 6465MHz Ant1



Power NVNT ax80 6465MHz Ant2

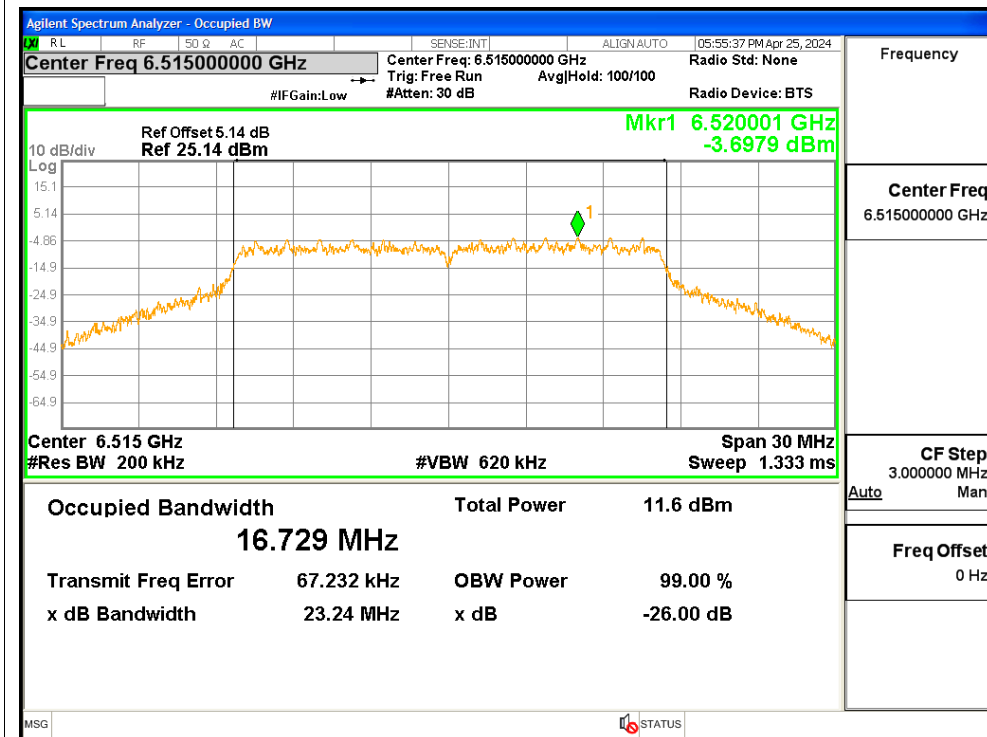


3. 26dB& 99%Occupied Bandwidth

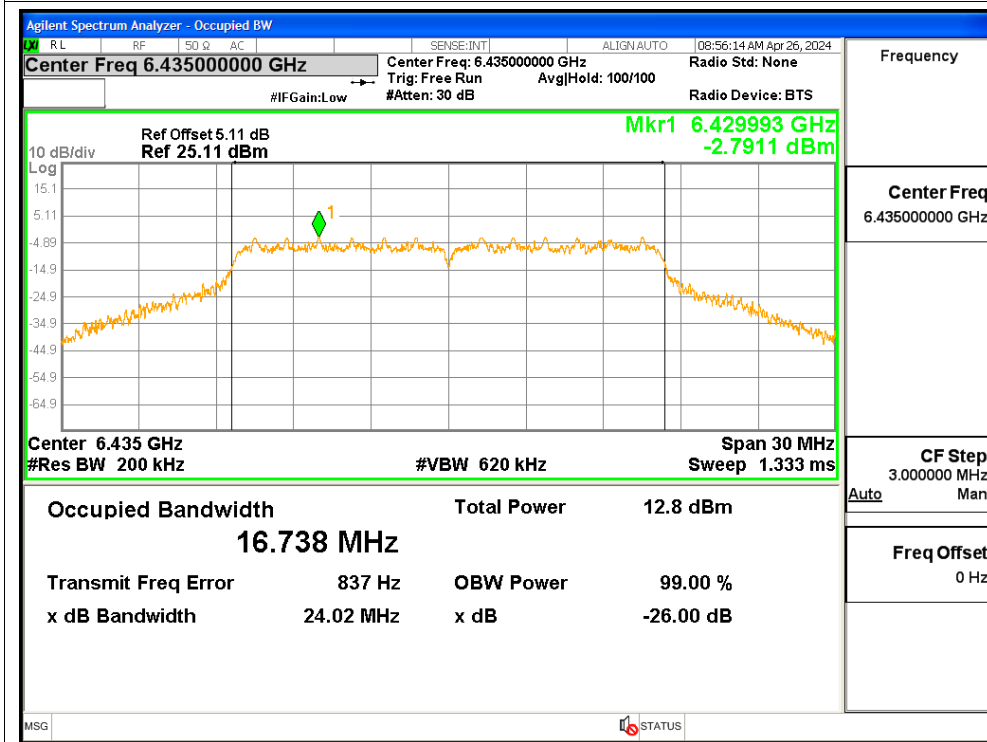
Condition	Mode	Frequency (MHz)	Antenna	26dB Bandwidth (MHz)	99% OBW (MHz)
NVNT	a	6435	Ant1	23.59	16.76
NVNT	a	6475	Ant1	24.06	16.735
NVNT	a	6515	Ant1	23.24	16.729
NVNT	a	6435	Ant2	24.02	16.738
NVNT	a	6475	Ant2	24.22	16.746
NVNT	a	6515	Ant2	23.36	16.848
NVNT	ax160	6505	Ant1	162.2	153.977
NVNT	ax160	6505	Ant2	163.2	153.992
NVNT	ax20	6435	Ant1	24.13	18.993
NVNT	ax20	6435	Ant2	24.08	18.986
NVNT	ax20	6475	Ant1	23.91	18.966
NVNT	ax20	6475	Ant2	22.80	19
NVNT	ax20	6515	Ant1	23.25	18.959
NVNT	ax20	6515	Ant2	24.08	18.99
NVNT	ax40	6445	Ant1	43.81	37.871
NVNT	ax40	6445	Ant2	44.36	37.869
NVNT	ax40	6485	Ant1	44.84	37.832
NVNT	ax40	6485	Ant2	43.50	37.794
NVNT	ax80	6465	Ant1	72.89	76.632
NVNT	ax80	6465	Ant2	82.36	76.492



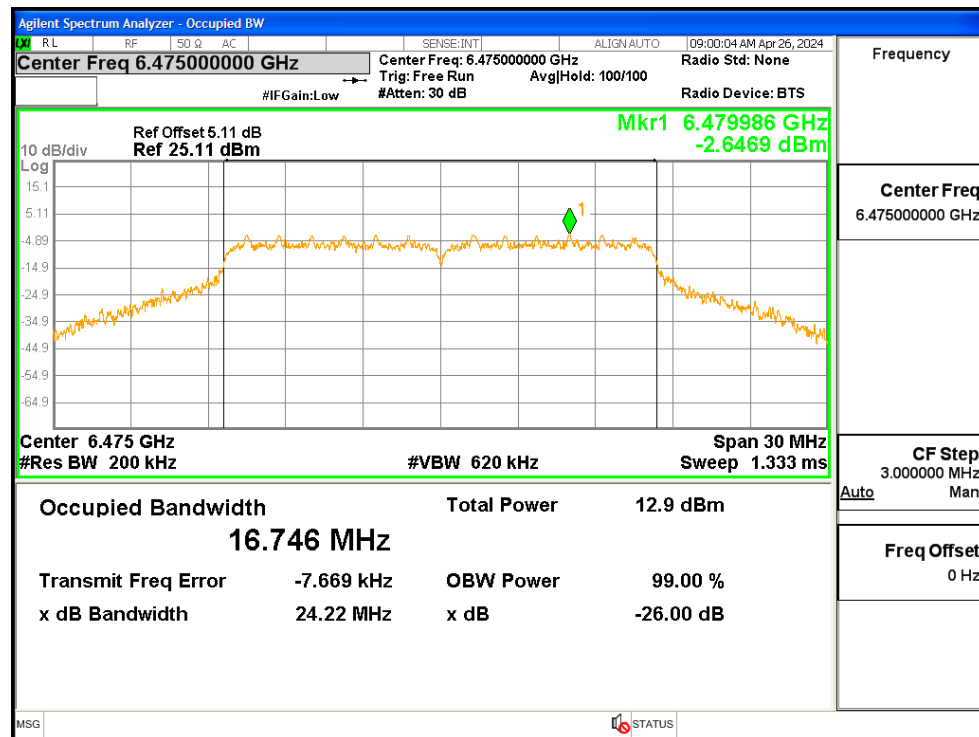
OBW NVNT a 6515MHz Ant1



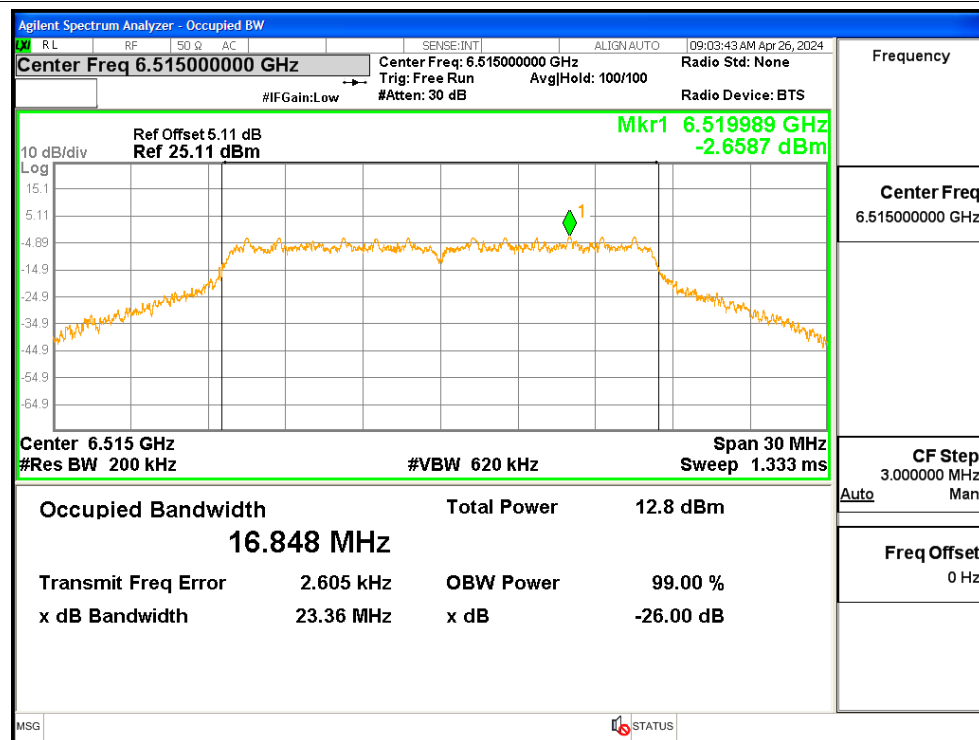
OBW NVNT a 6435MHz Ant2



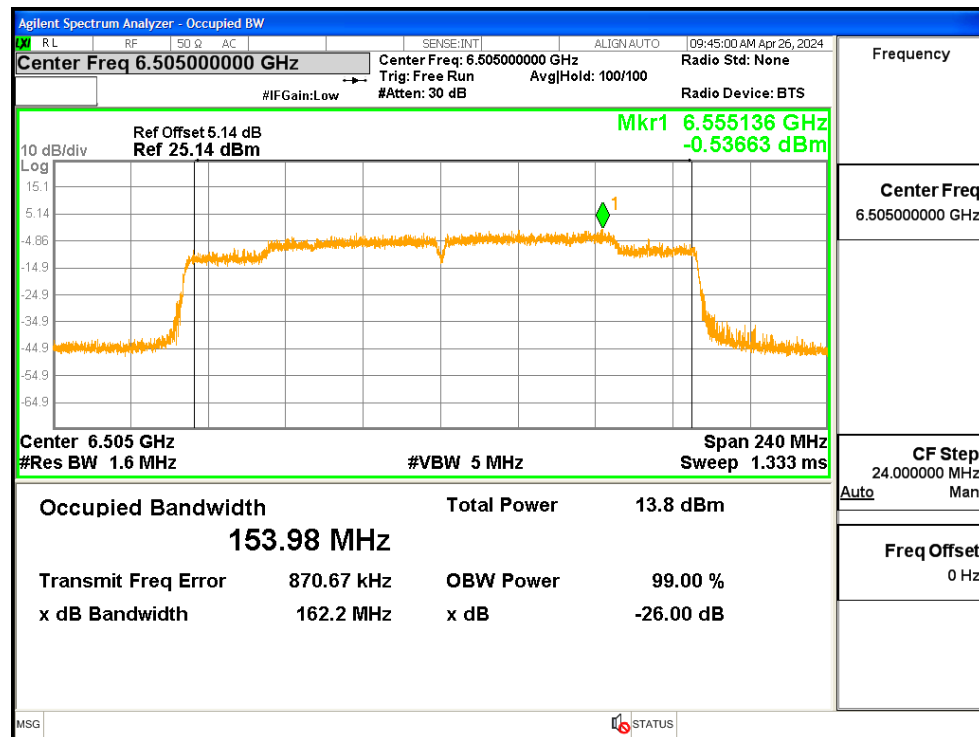
OBW NVNT a 6475MHz Ant2



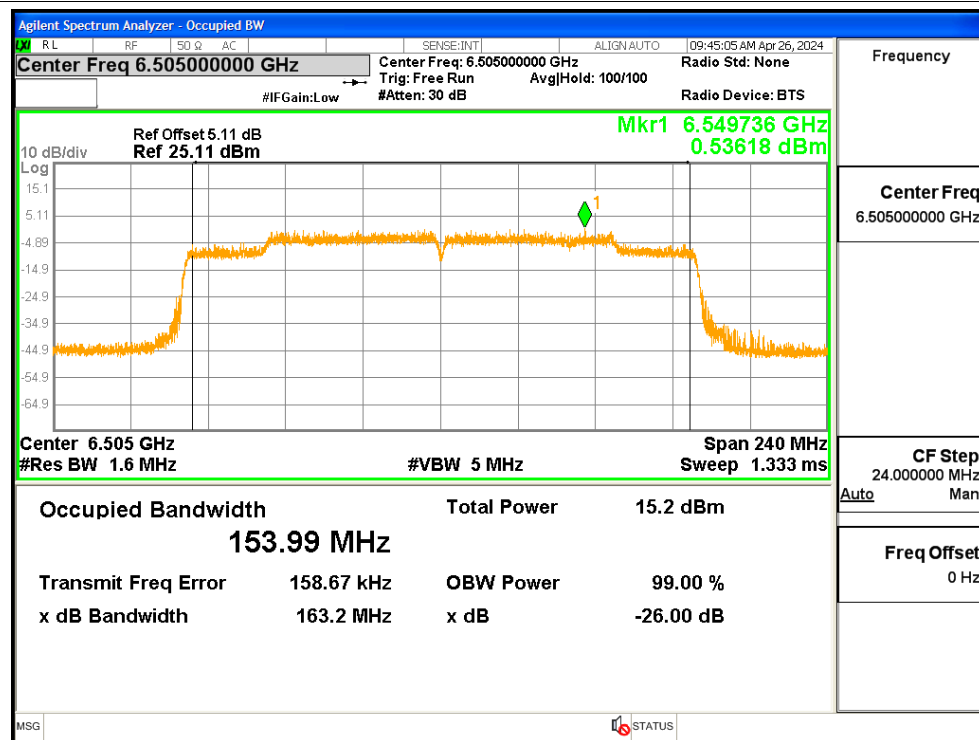
OBW NVNT a 6515MHz Ant2



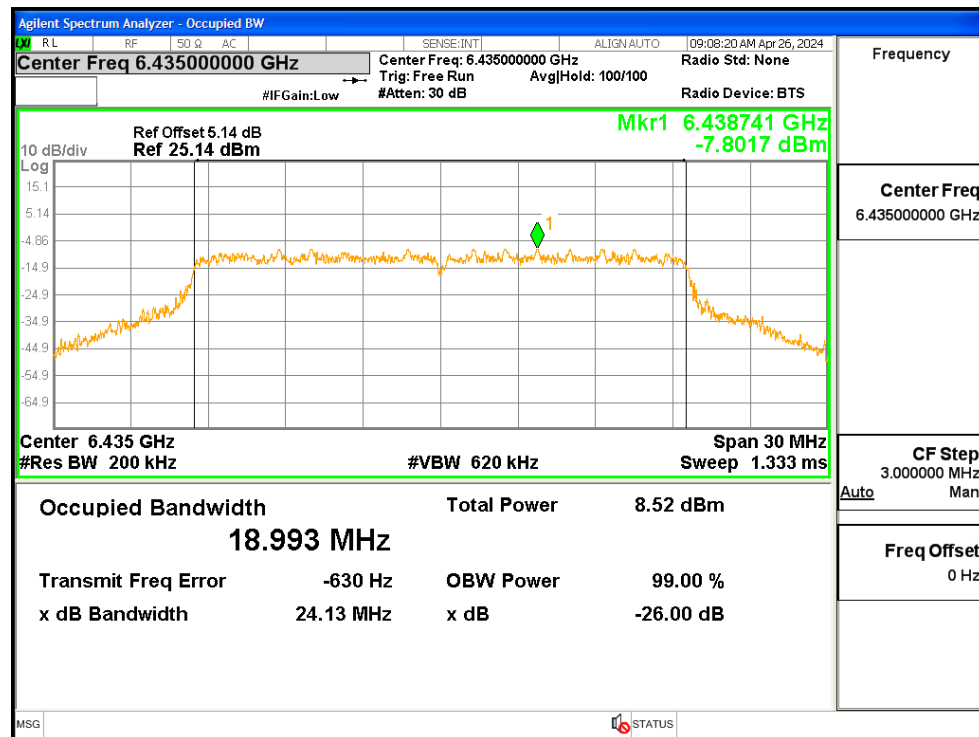
OBW NVNT ax160 6505MHz Ant1



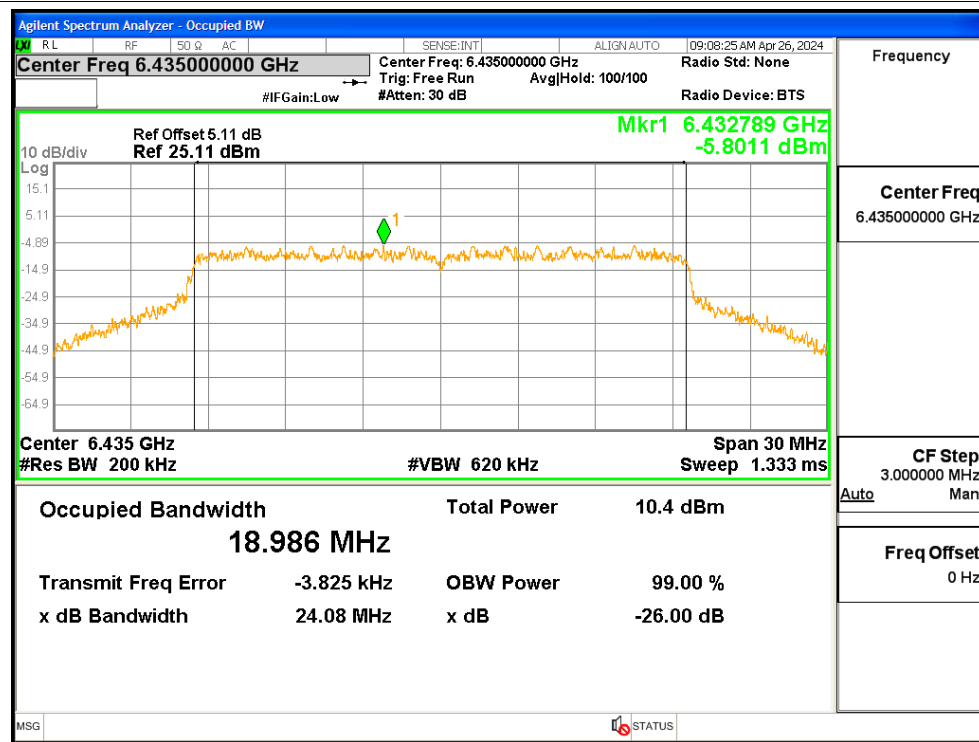
OBW NVNT ax160 6505MHz Ant2



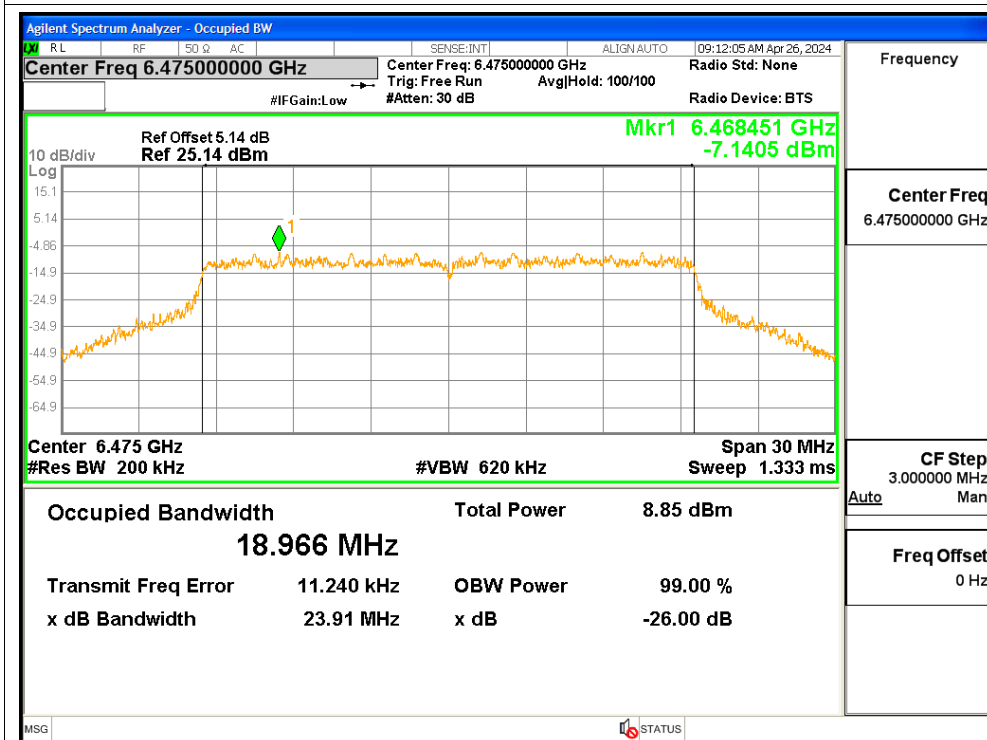
OBW NVNT ax20 6435MHz Ant1



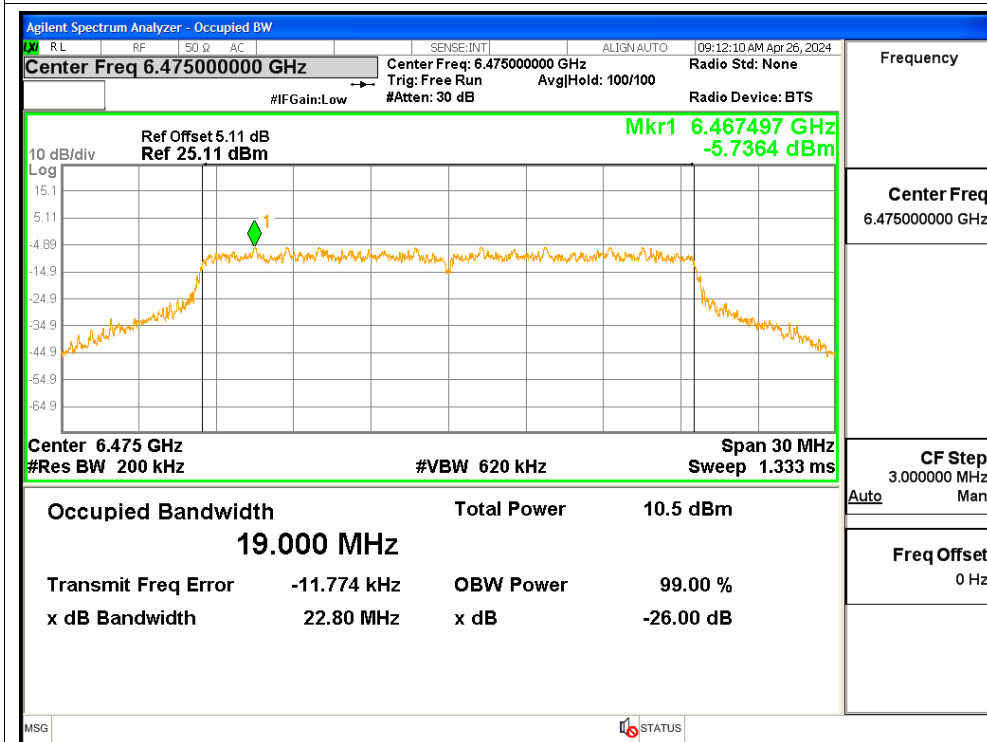
OBW NVNT ax20 6435MHz Ant2



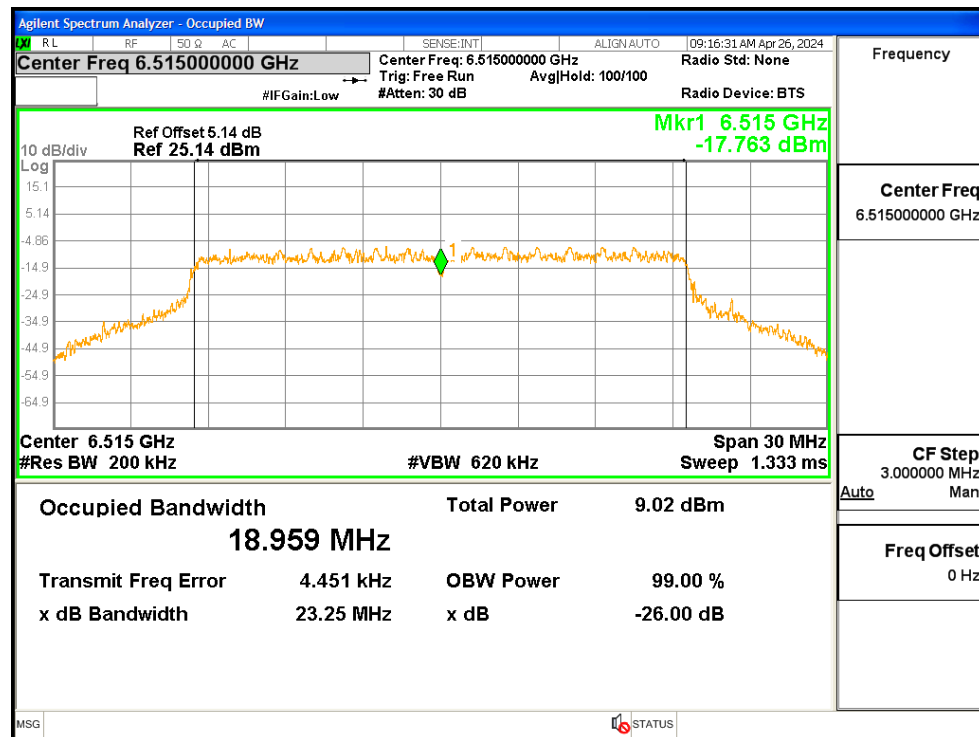
OBW NVNT ax20 6475MHz Ant1



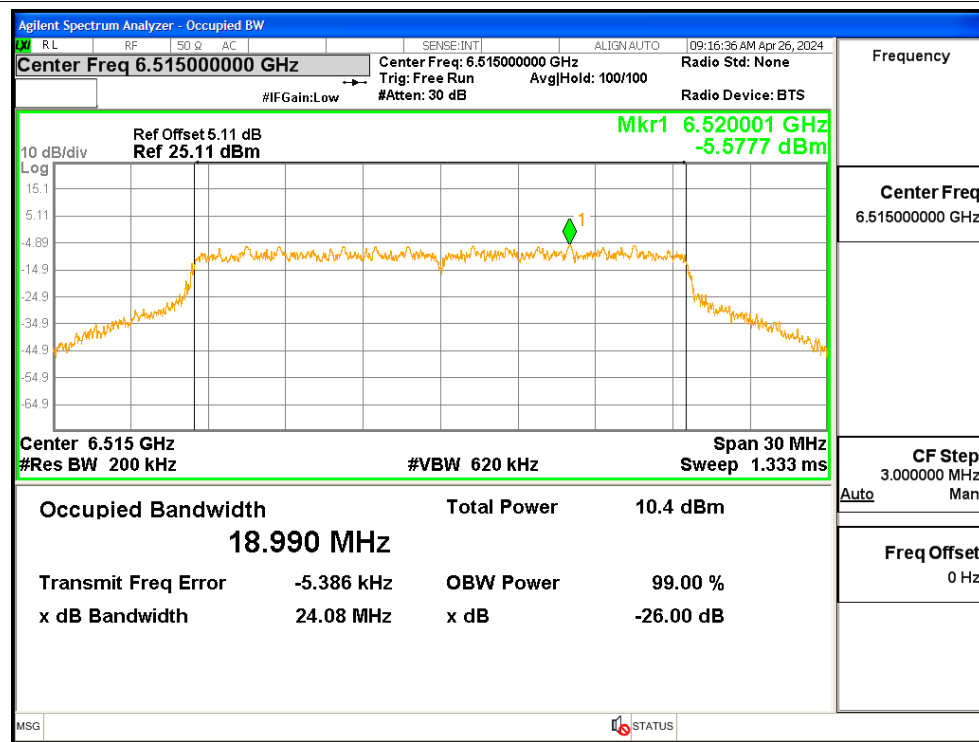
OBW NVNT ax20 6475MHz Ant2



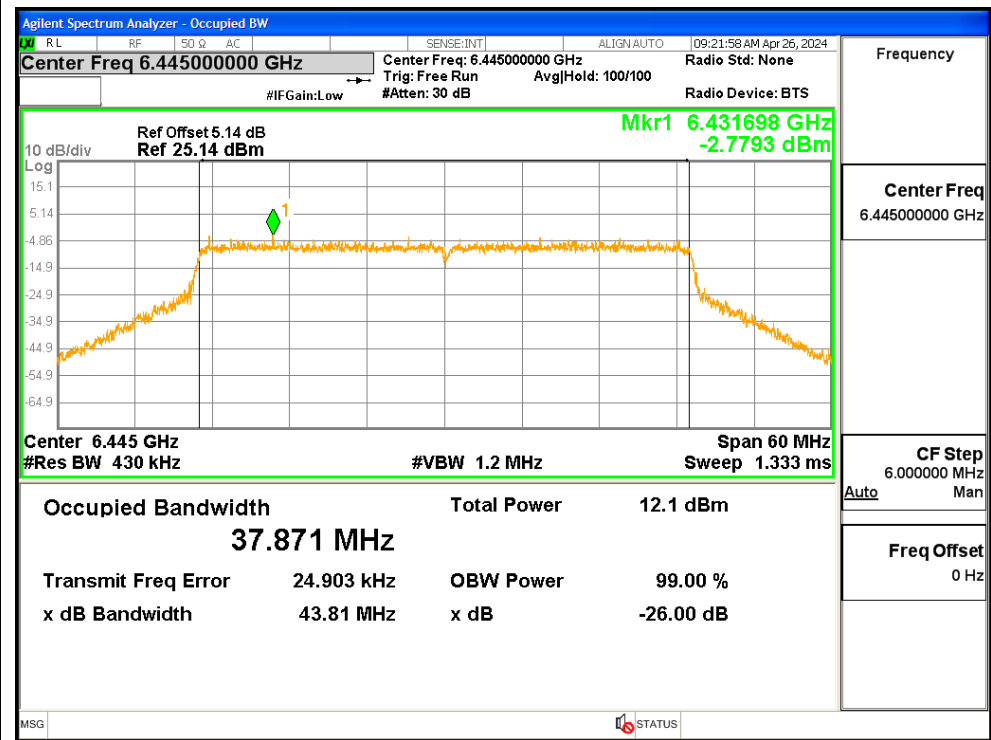
OBW NVNT ax20 6515MHz Ant1



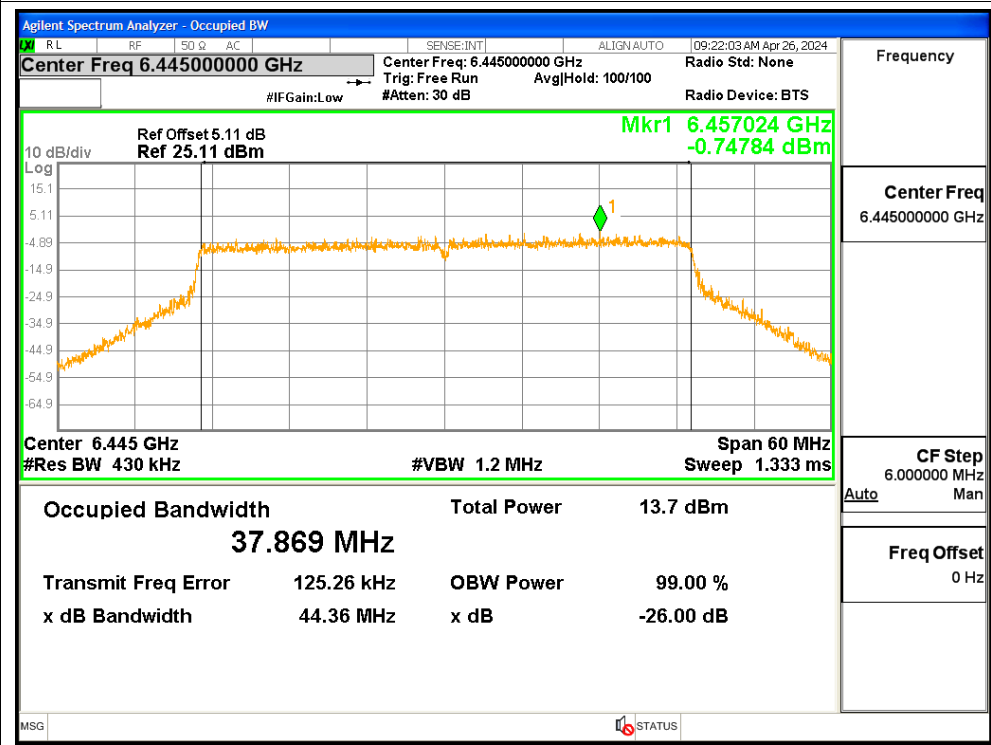
OBW NVNT ax20 6515MHz Ant2



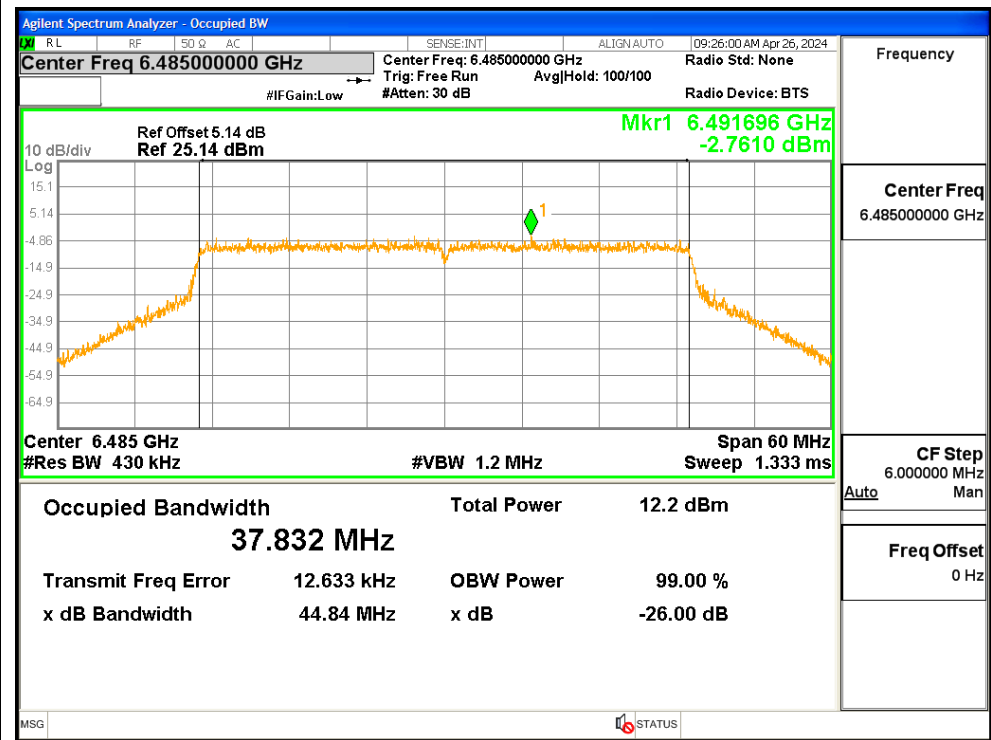
OBW NVNT ax40 6445MHz Ant1



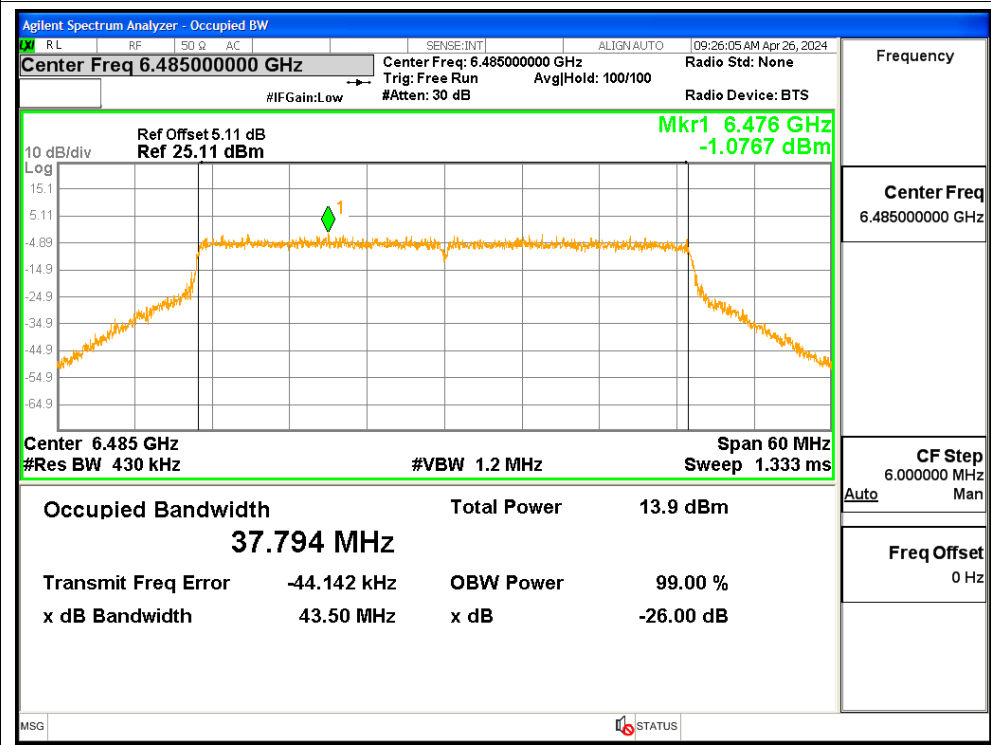
OBW NVNT ax40 6445MHz Ant2



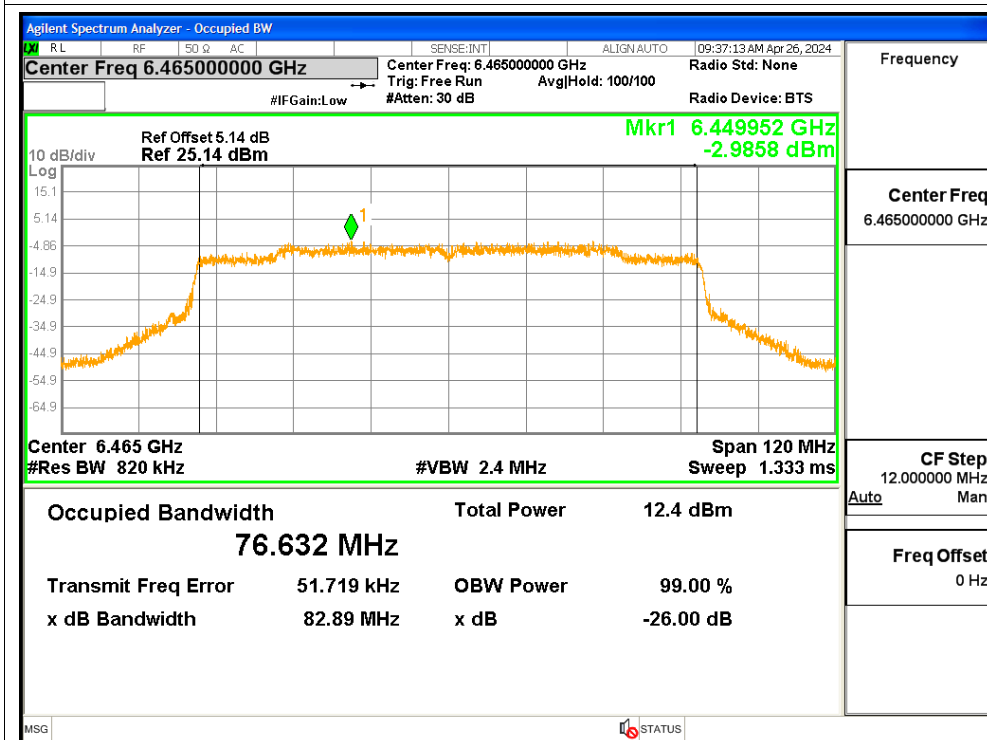
OBW NVNT ax40 6485MHz Ant1



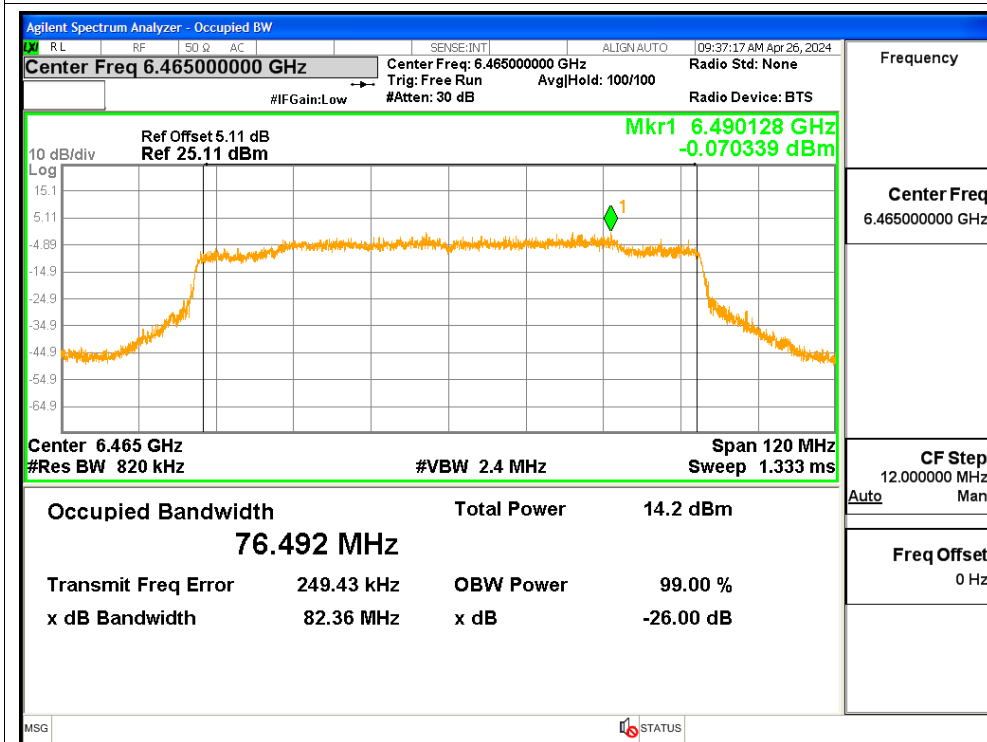
OBW NVNT ax40 6485MHz Ant2



OBW NVNT ax80 6465MHz Ant1



OBW NVNT ax80 6465MHz Ant2

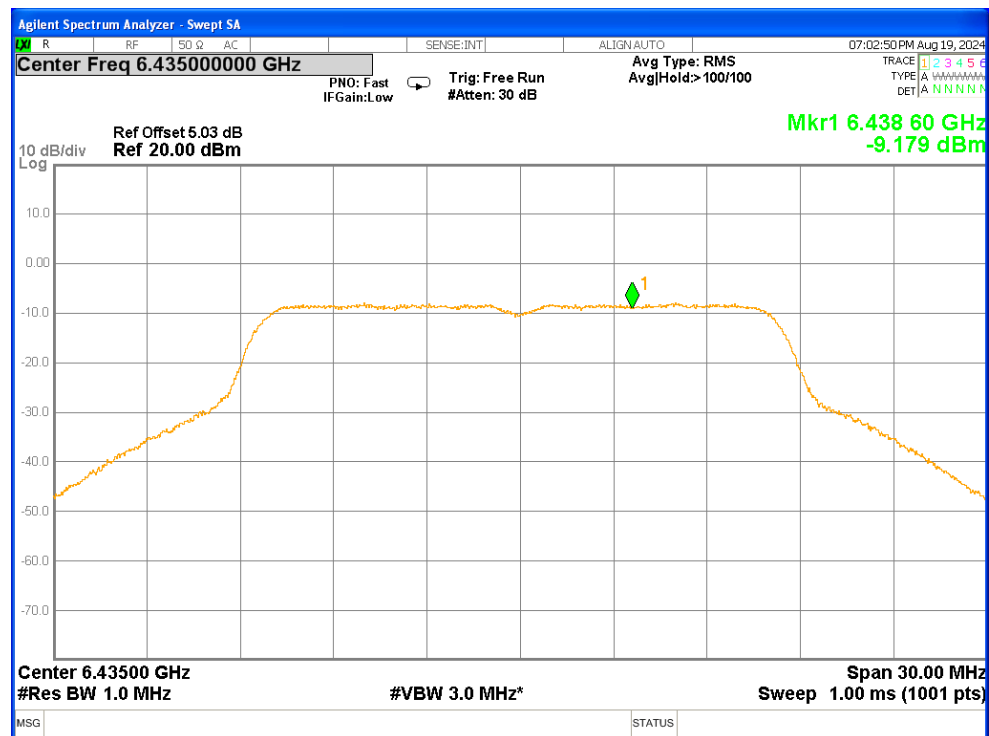


4. Maximum Power Spectral Density Level

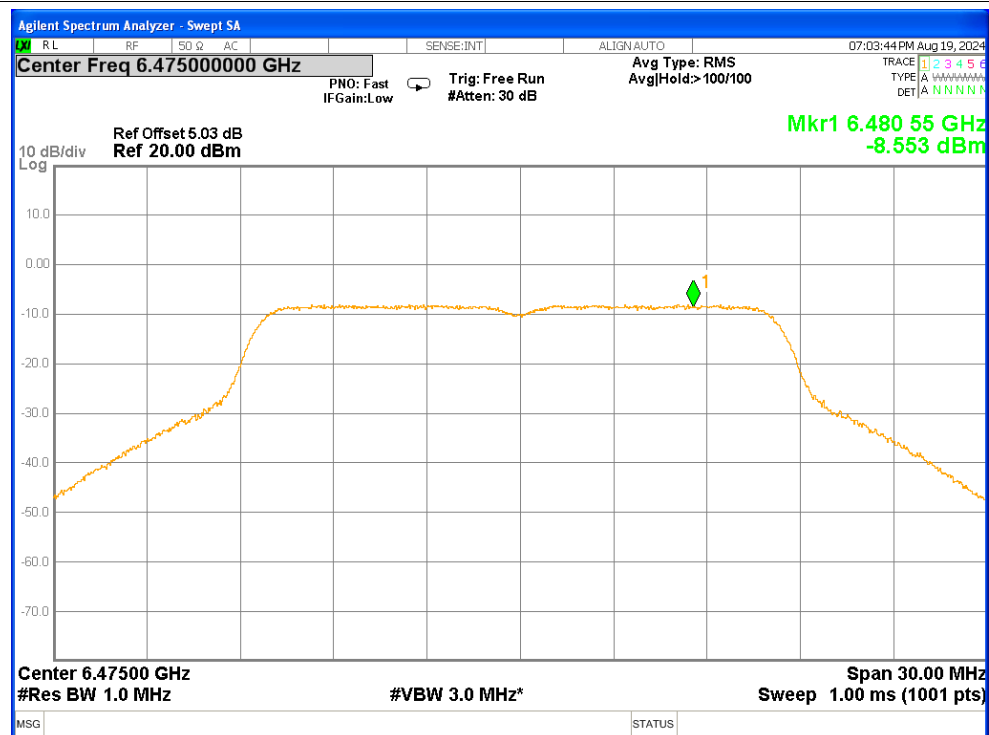
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Gain (dBi)	eirp PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	6435.00	Ant1	-9.18	1.21	-7.97	4.94	-3.03	-1.00	Pass
NVNT	a	6475.00	Ant1	-8.55	1.21	-7.34	4.94	-2.40	-1.00	Pass
NVNT	a	6515.00	Ant1	-9.01	1.21	-7.80	4.94	-2.86	-1.00	Pass
NVNT	a	6435.00	Ant2	-7.14	1.21	-5.93	4.48	-1.45	-1.00	Pass
NVNT	a	6475.00	Ant2	-7.39	1.21	-6.18	4.48	-1.70	-1.00	Pass
NVNT	a	6515.00	Ant2	-6.94	1.21	-5.73	4.48	-1.25	-1.00	Pass
NVNT	ax160	6505.00	Ant1	-15.13	0.74	-14.39	4.94	-9.45	-1.00	Pass
NVNT	ax160	6505.00	Ant2	-14.27	0.74	-13.53	4.48	-9.05	-1.00	Pass
NVNT	ax160	6505.00	Sum	-	-	-	-	-6.24	-1.00	Pass
NVNT	ax20	6435.00	Ant1	-11.38	0.77	-10.61	4.94	-5.67	-1.00	Pass
NVNT	ax20	6435.00	Ant2	-10.06	0.77	-9.29	4.48	-4.81	-1.00	Pass
NVNT	ax20	6435.00	Sum	-	-	-	-	-2.22	-1.00	Pass
NVNT	ax20	6475.00	Ant1	-12.60	0.76	-11.84	4.94	-6.90	-1.00	Pass
NVNT	ax20	6475.00	Ant2	-9.90	0.76	-9.14	4.48	-4.66	-1.00	Pass
NVNT	ax20	6475.00	Sum	-	-	-	-	-2.70	-1.00	Pass
NVNT	ax20	6515.00	Ant1	-12.43	0.77	-11.66	4.94	-6.72	-1.00	Pass
NVNT	ax20	6515.00	Ant2	-10.30	0.77	-9.53	4.48	-5.05	-1.00	Pass
NVNT	ax20	6515.00	Sum	-	-	-	-	-2.84	-1.00	Pass
NVNT	ax40	6445.00	Ant1	-12.27	0.76	-11.51	4.94	-6.57	-1.00	Pass
NVNT	ax40	6445.00	Ant2	-9.93	0.76	-9.17	4.48	-4.69	-1.00	Pass
NVNT	ax40	6445.00	Sum	-	-	-	-	-2.57	-1.00	Pass
NVNT	ax40	6485.00	Ant1	-11.50	0.74	-10.76	4.94	-5.82	-1.00	Pass
NVNT	ax40	6485.00	Ant2	-9.89	0.74	-9.15	4.48	-4.67	-1.00	Pass
NVNT	ax40	6485.00	Sum	-	-	-	-	-2.21	-1.00	Pass
NVNT	ax80	6465.00	Ant1	-13.11	0.73	-12.38	4.94	-7.44	-1.00	Pass
NVNT	ax80	6465.00	Ant2	-12.23	0.73	-11.50	4.48	-7.02	-1.00	Pass
NVNT	ax80	6465.00	Sum	-	-	-	-	-4.21	-1.00	Pass

Test Graphs

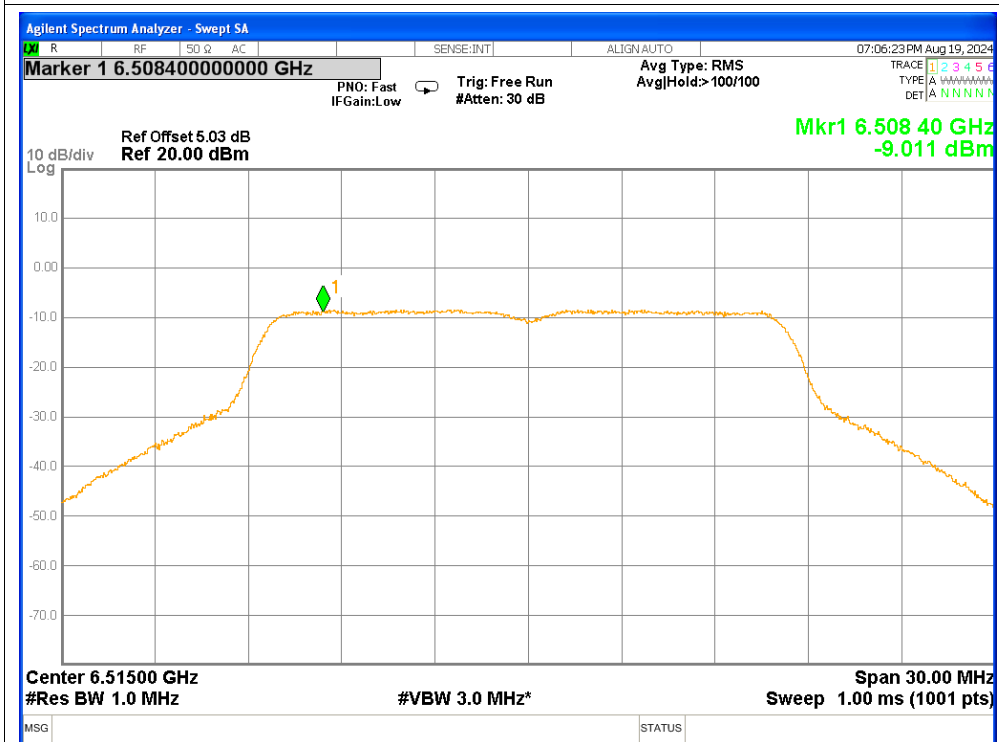
PSD NVNT a 6435MHz Ant1



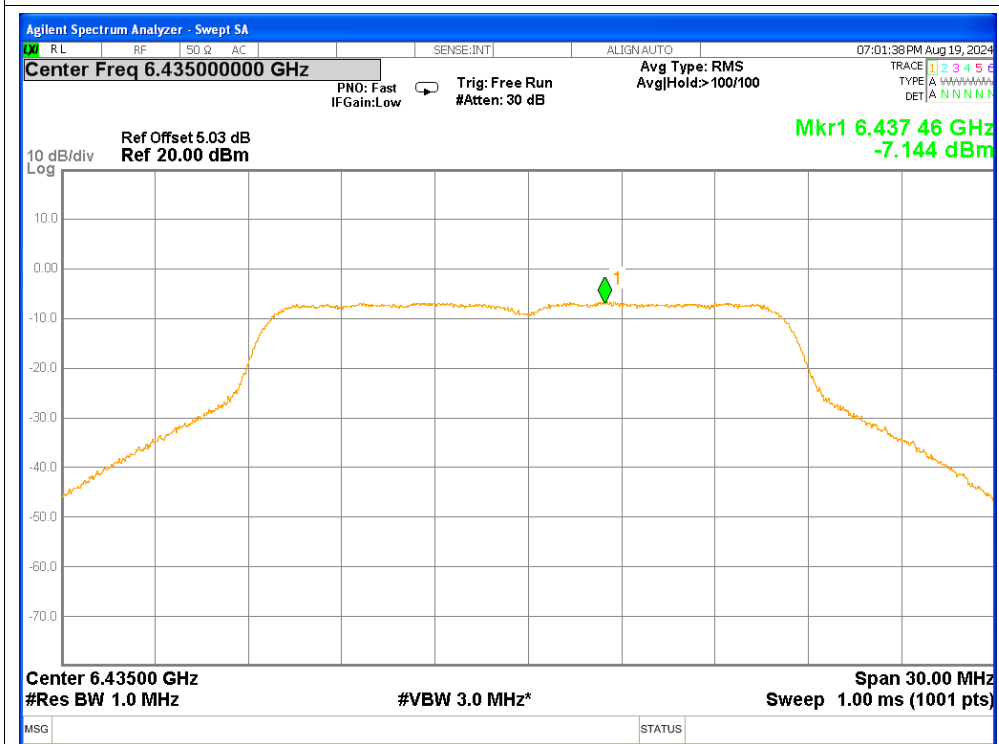
PSD NVNT a 6475MHz Ant1



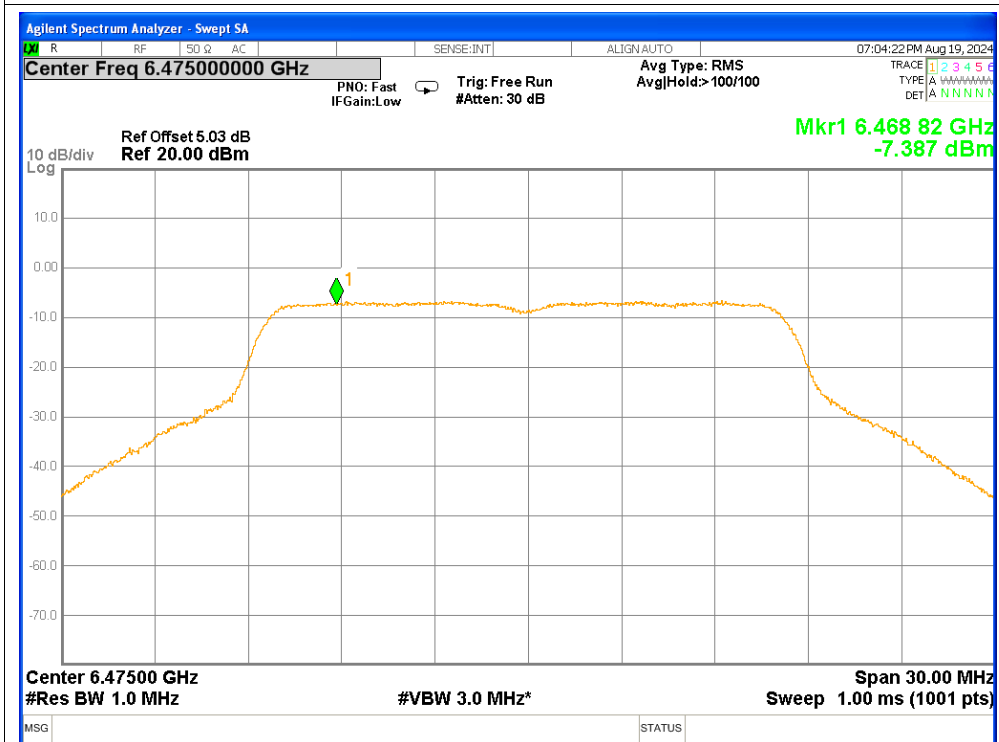
PSD NVNT a 6515MHz Ant1



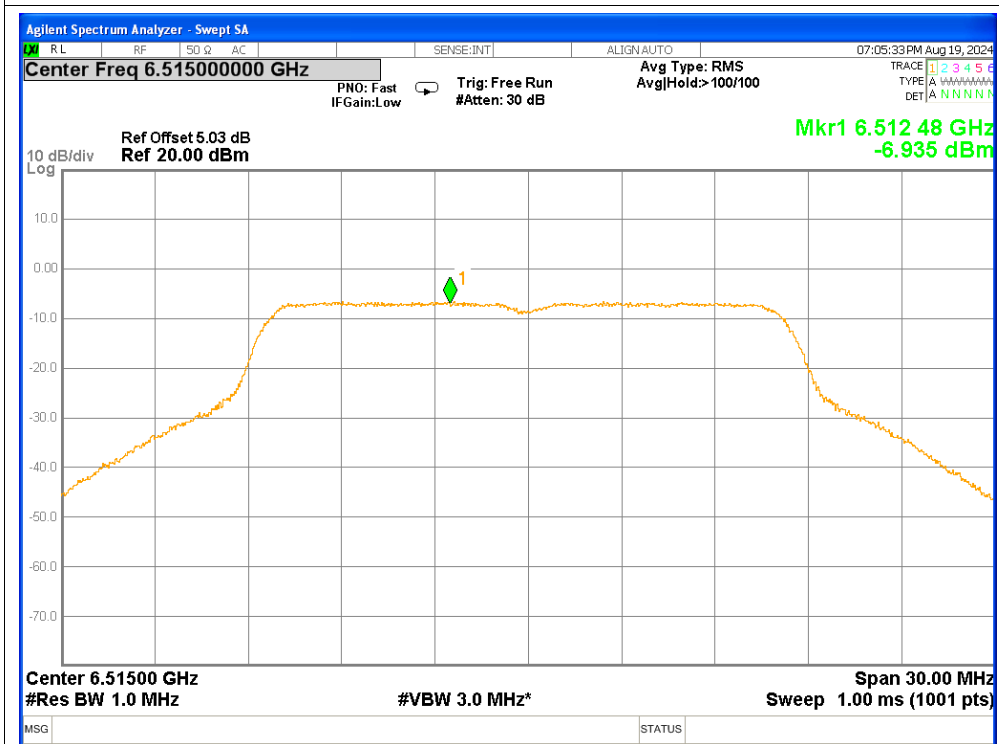
PSD NVNT a 6435MHz Ant2



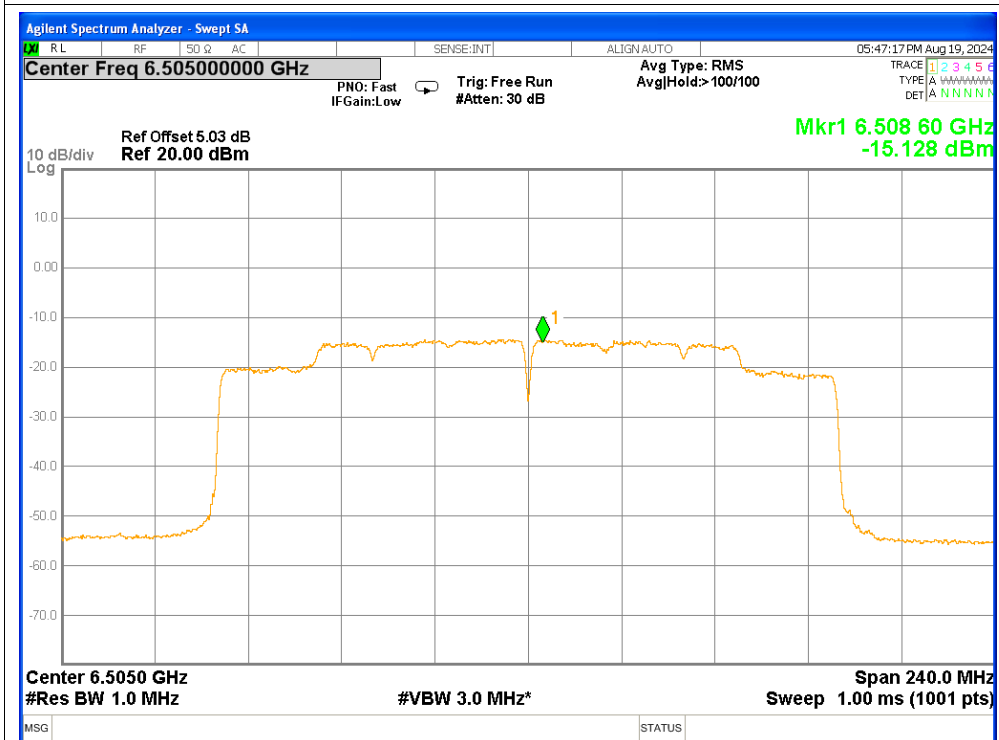
PSD NVNT a 6475MHz Ant2



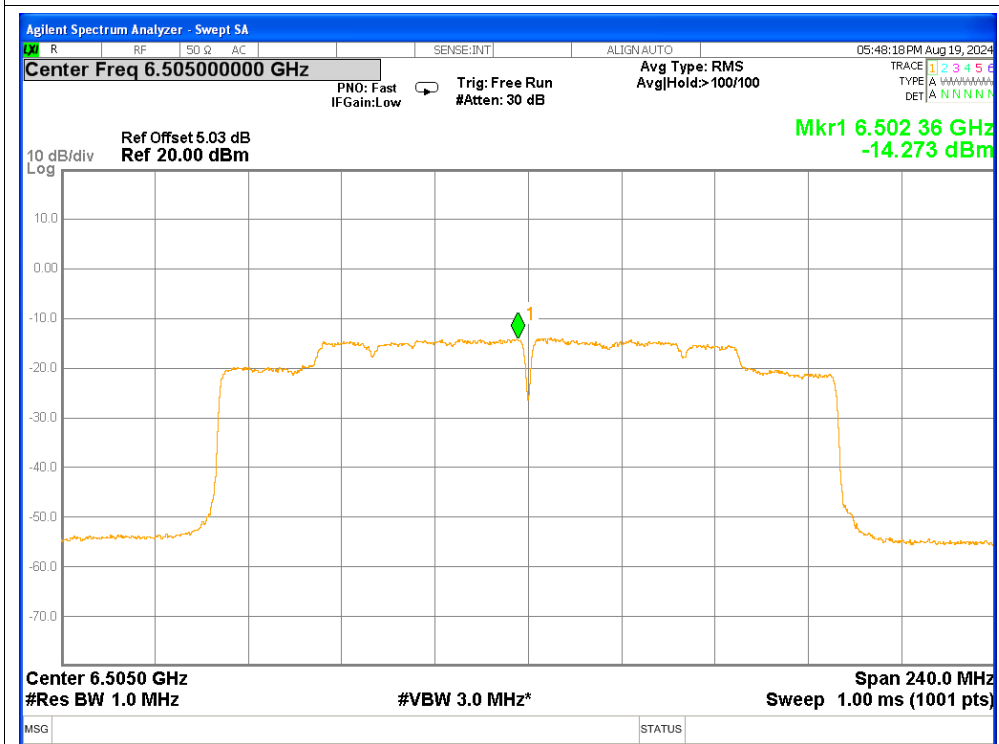
PSD NVNT a 6515MHz Ant2



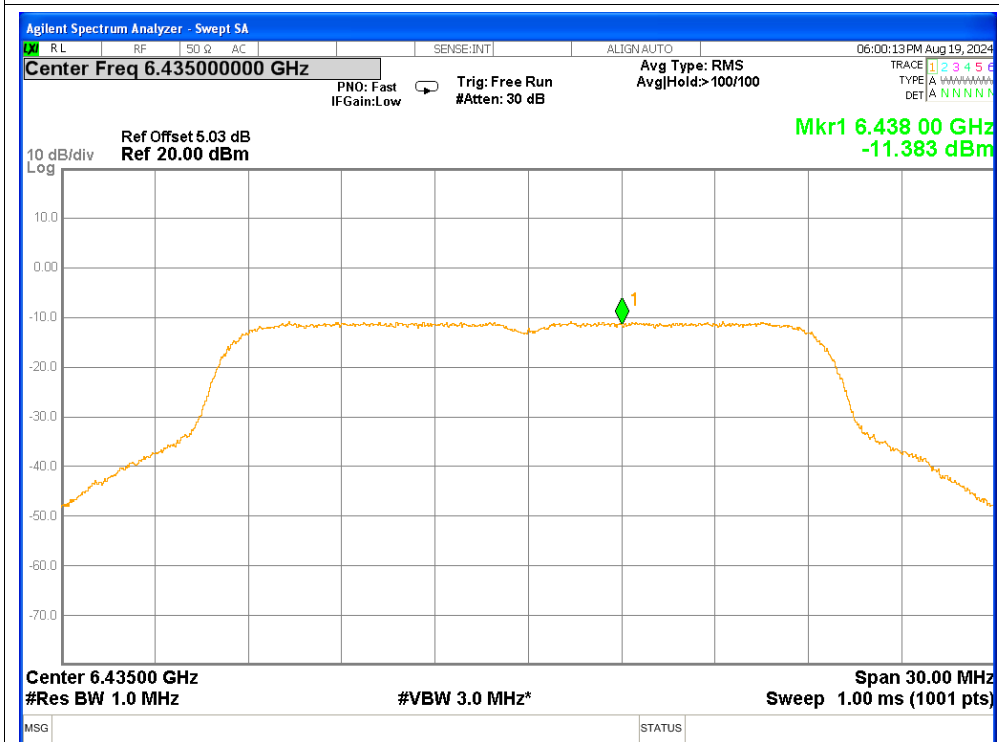
PSD NVNT ax160 6505MHz Ant1



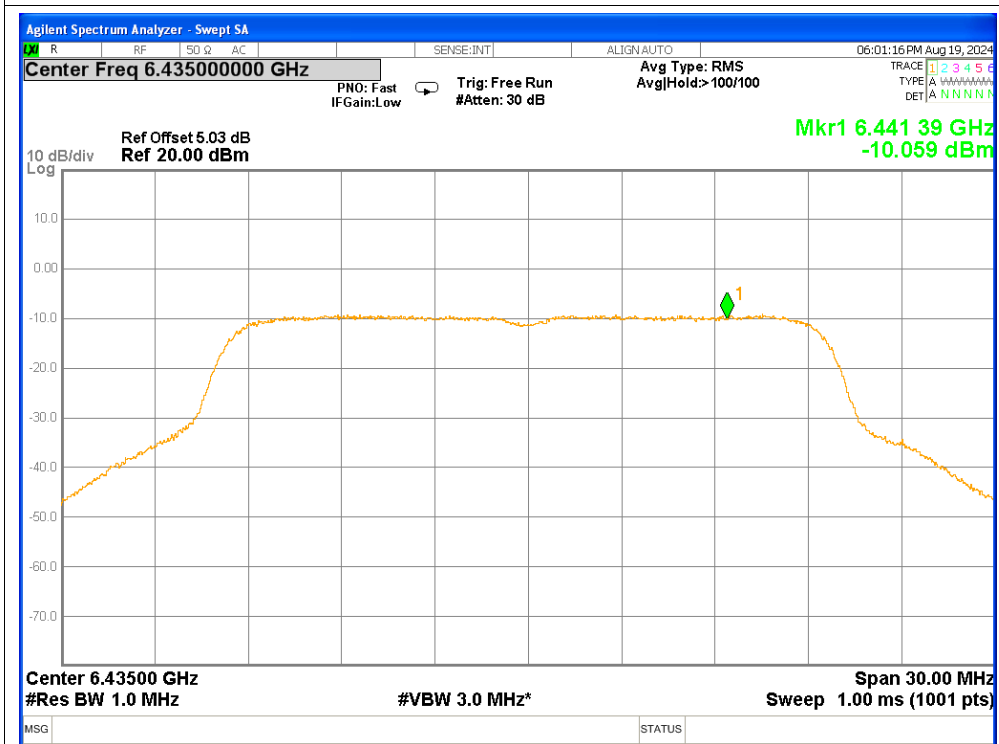
PSD NVNT ax160 6505MHz Ant2



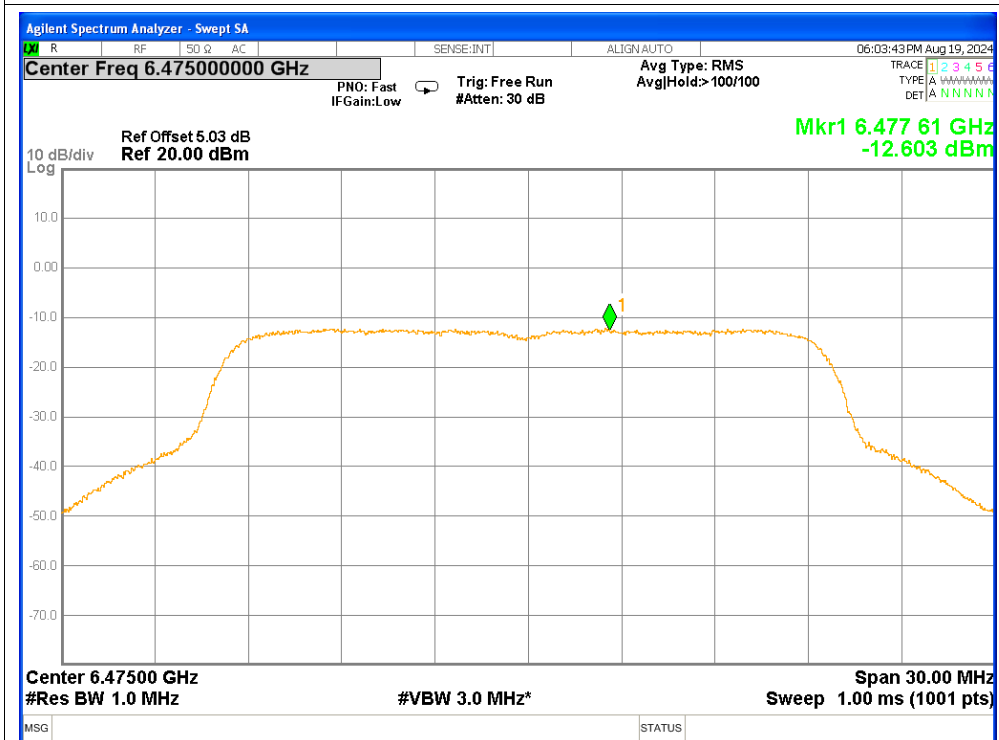
PSD NVNT ax20 6435MHz Ant1



PSD NVNT ax20 6435MHz Ant2



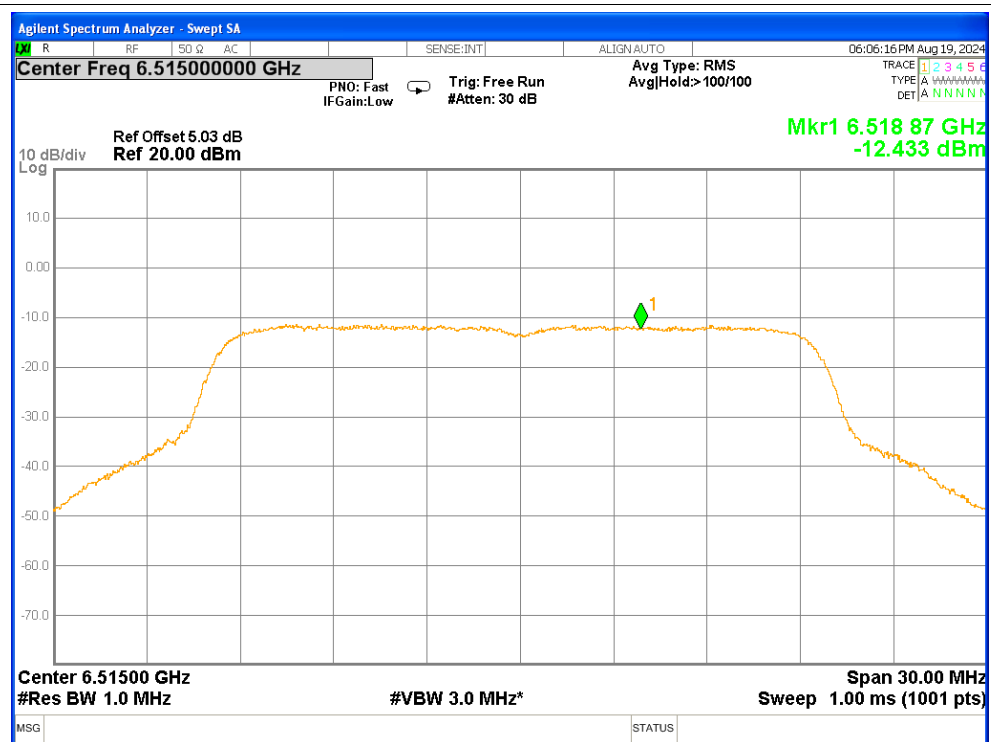
PSD NVNT ax20 6475MHz Ant1



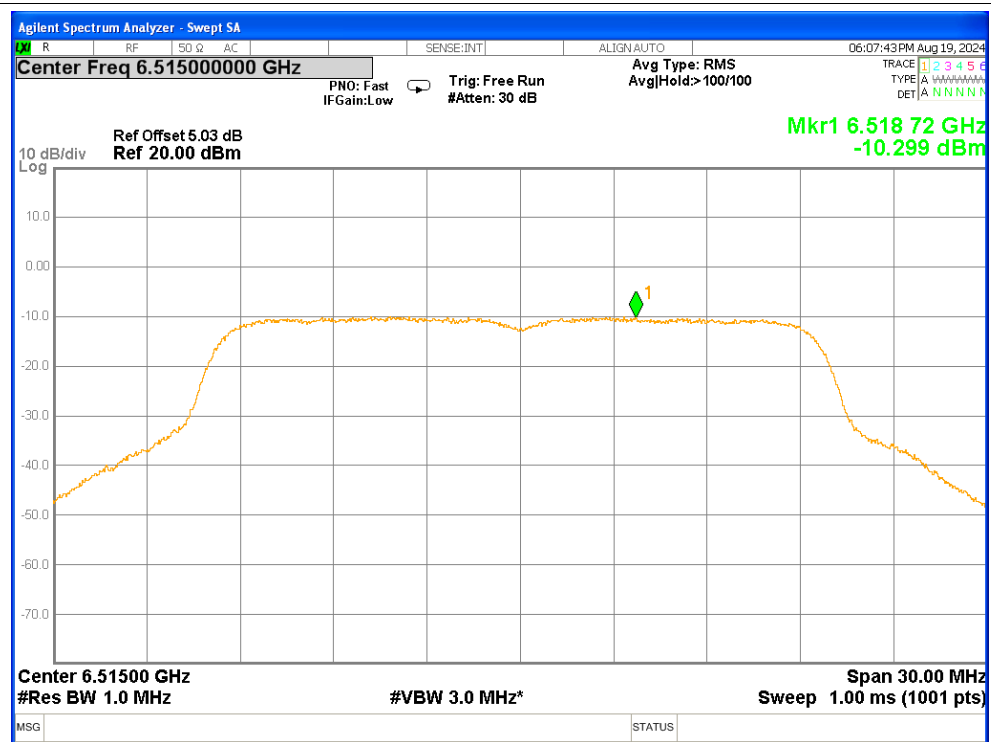
PSD NVNT ax20 6475MHz Ant2



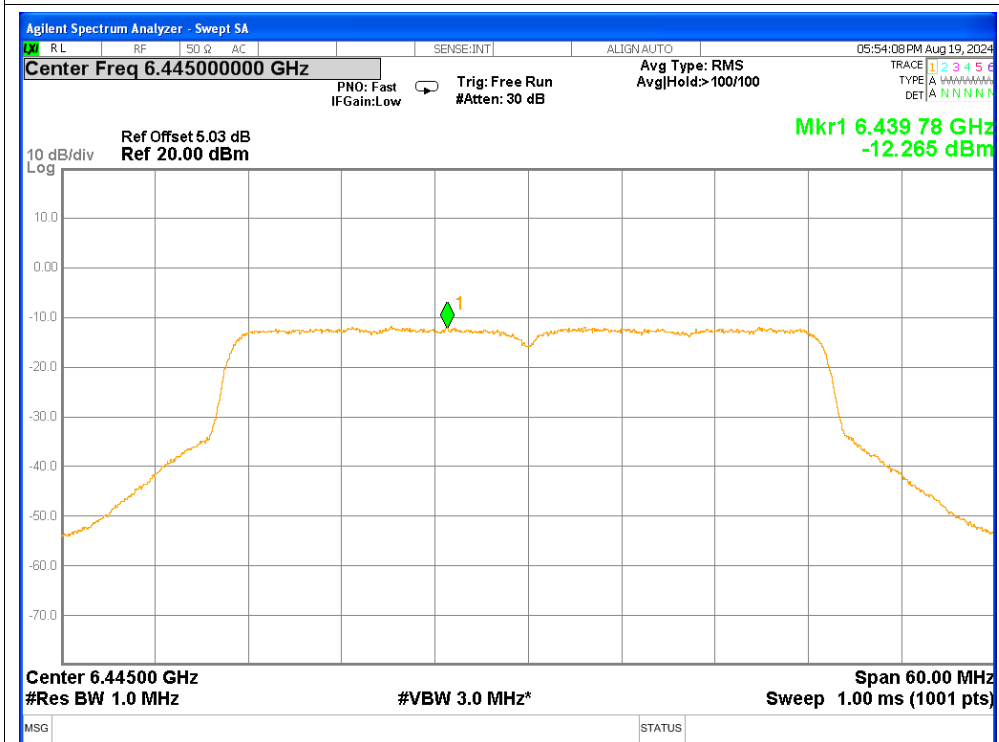
PSD NVNT ax20 6515MHz Ant1



PSD NVNT ax20 6515MHz Ant2



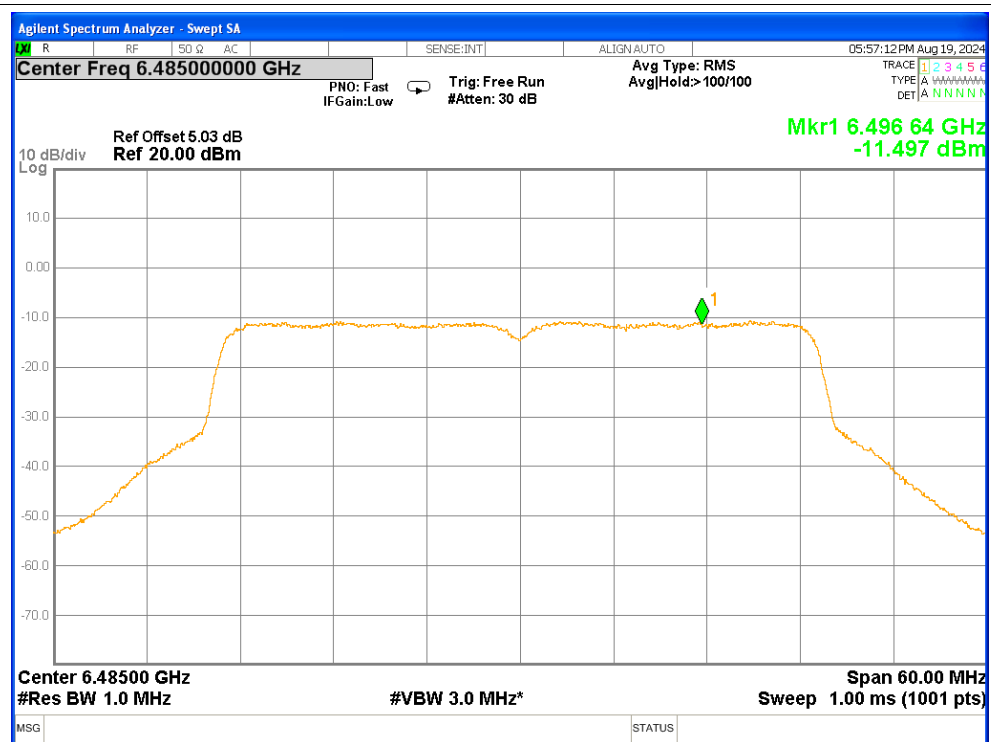
PSD NVNT ax40 6445MHz Ant1



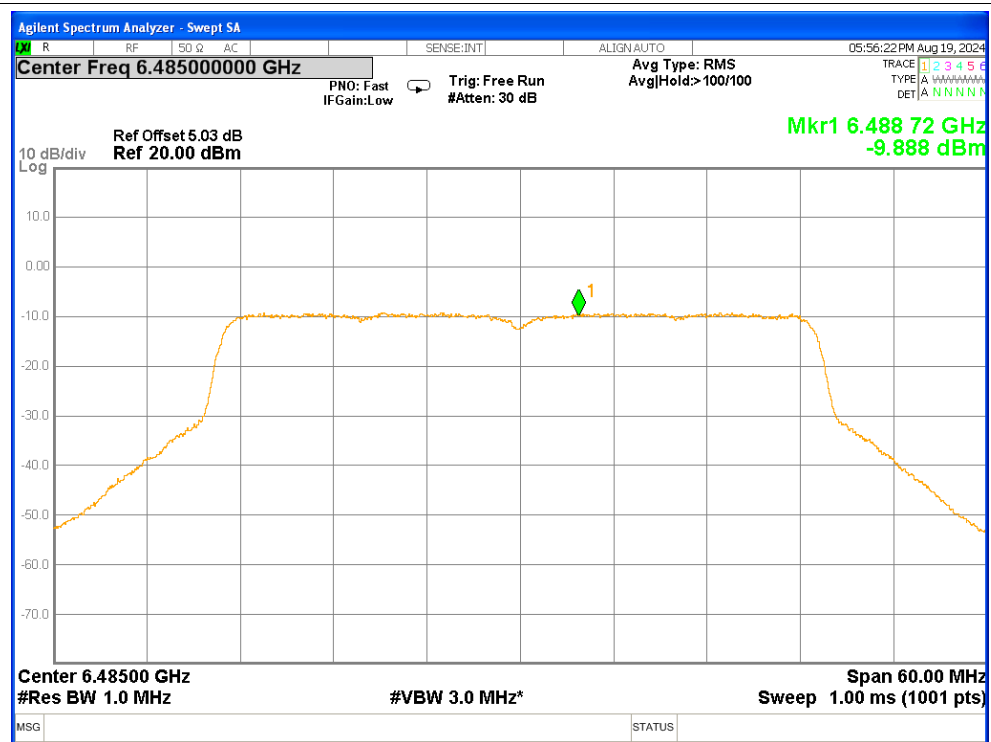
PSD NVNT ax40 6445MHz Ant2



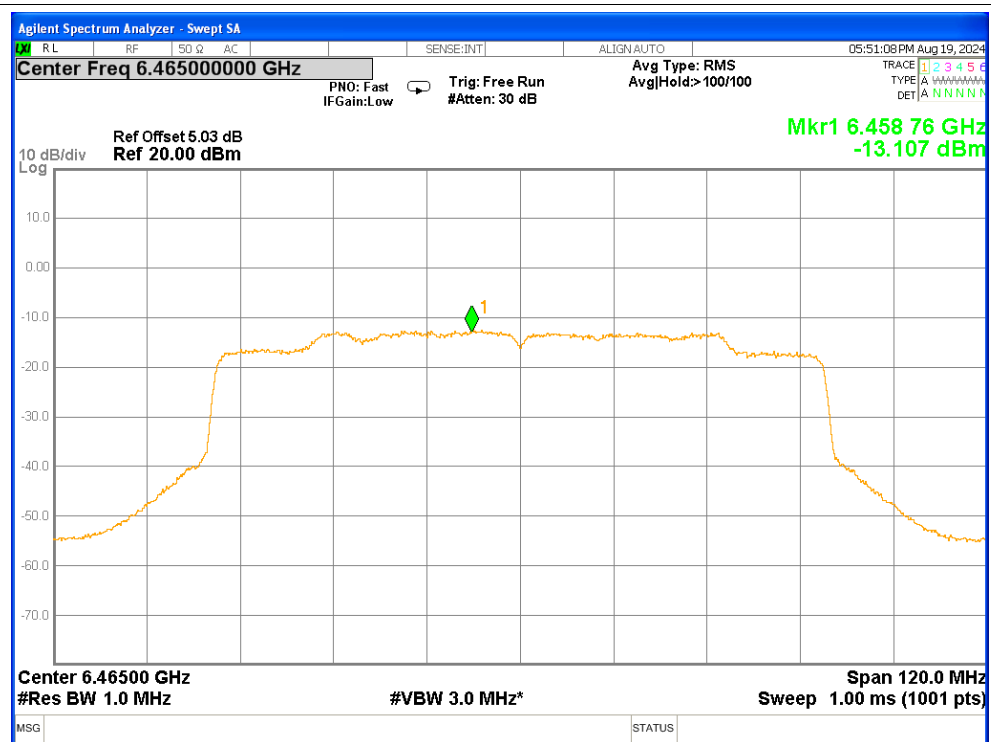
PSD NVNT ax40 6485MHz Ant1



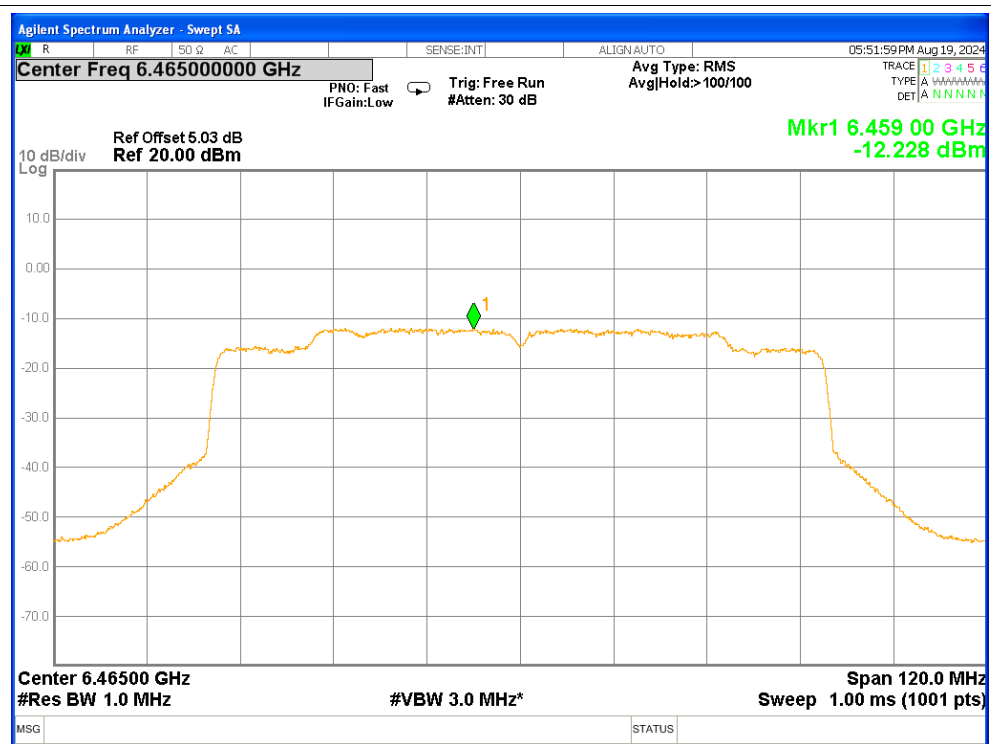
PSD NVNT ax40 6485MHz Ant2



PSD NVNT ax80 6465MHz Ant1



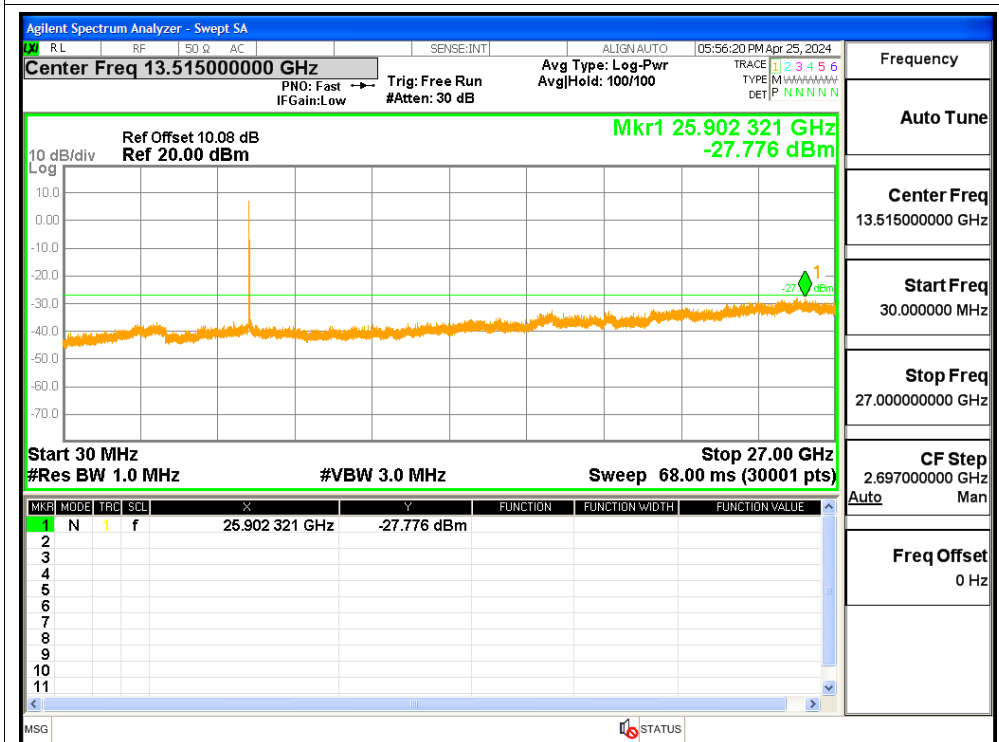
PSD NVNT ax80 6465MHz Ant2



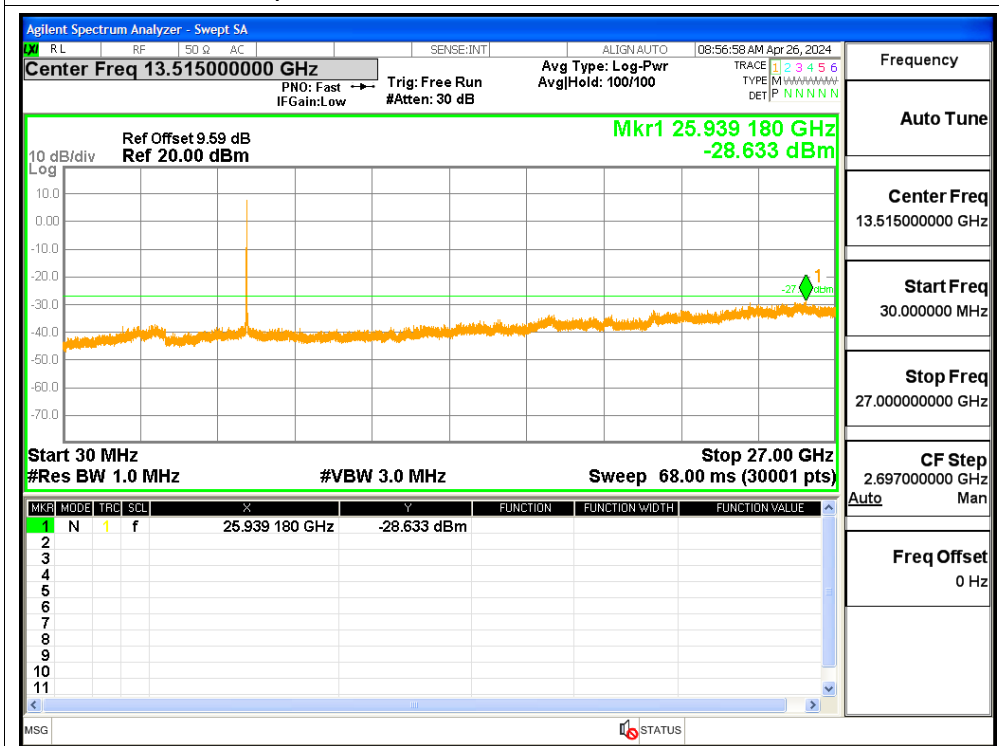
5. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	6435	Ant1	-28.1	-27	Pass
NVNT	a	6475	Ant1	-28.01	-27	Pass
NVNT	a	6515	Ant1	-27.77	-27	Pass
NVNT	a	6435	Ant2	-28.63	-27	Pass
NVNT	a	6475	Ant2	-28.93	-27	Pass
NVNT	a	6515	Ant2	-27.82	-27	Pass
NVNT	ax160	6505	Ant1	-27.87	-27	Pass
NVNT	ax160	6505	Ant2	-27.77	-27	Pass
NVNT	ax20	6435	Ant1	-28.16	-27	Pass
NVNT	ax20	6435	Ant2	-27.98	-27	Pass
NVNT	ax20	6475	Ant1	-28.23	-27	Pass
NVNT	ax20	6475	Ant2	-28.85	-27	Pass
NVNT	ax20	6515	Ant1	-28.58	-27	Pass
NVNT	ax20	6515	Ant2	-28.7	-27	Pass
NVNT	ax40	6445	Ant1	-28.47	-27	Pass
NVNT	ax40	6445	Ant2	-28.72	-27	Pass
NVNT	ax40	6485	Ant1	-28.41	-27	Pass
NVNT	ax40	6485	Ant2	-28.11	-27	Pass
NVNT	ax80	6465	Ant1	-28.19	-27	Pass
NVNT	ax80	6465	Ant2	-28.55	-27	Pass

Tx. Spurious NVNT a 6515MHz Ant1 Emission

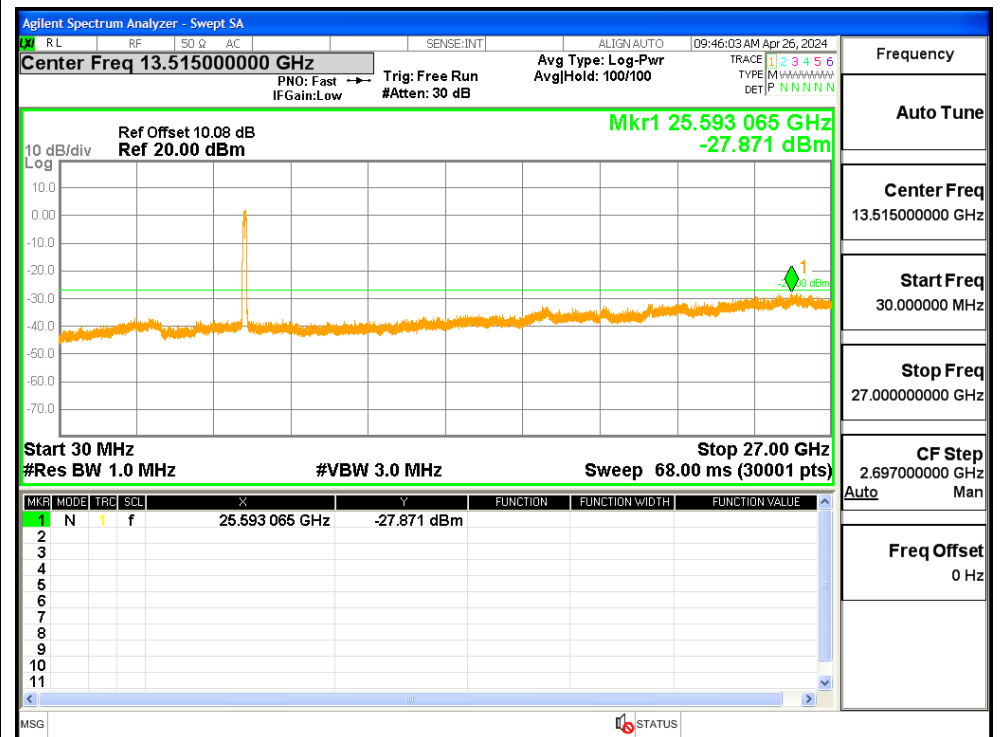


Tx. Spurious NVNT a 6435MHz Ant2 Emission

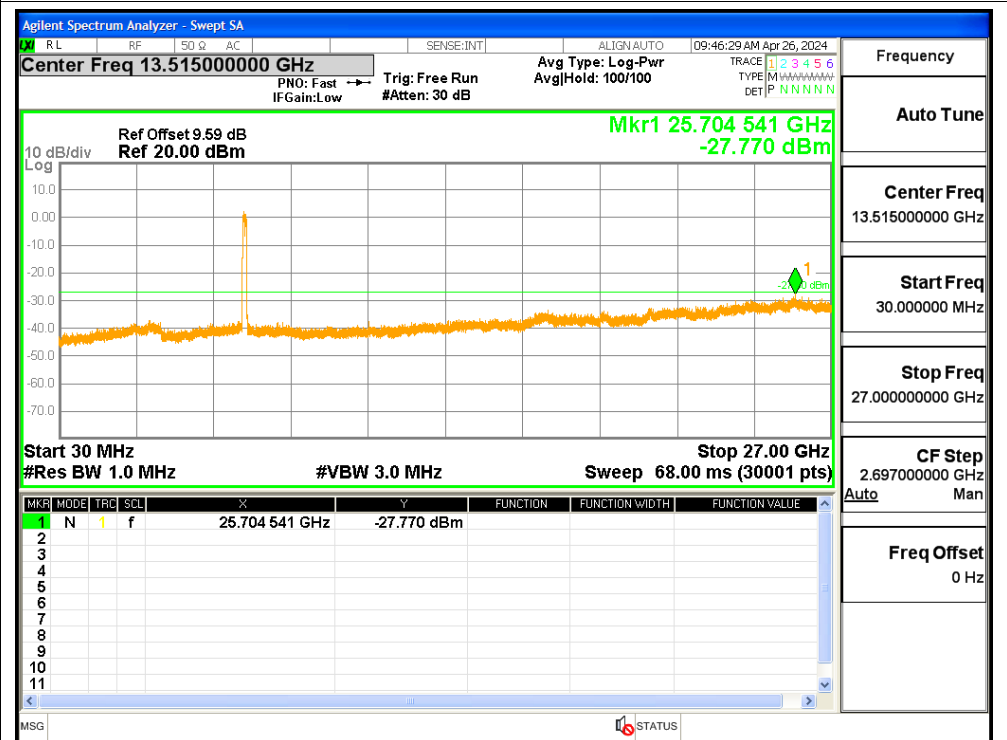


Tx. Spurious NVNT a 6475MHz Ant2 Emission

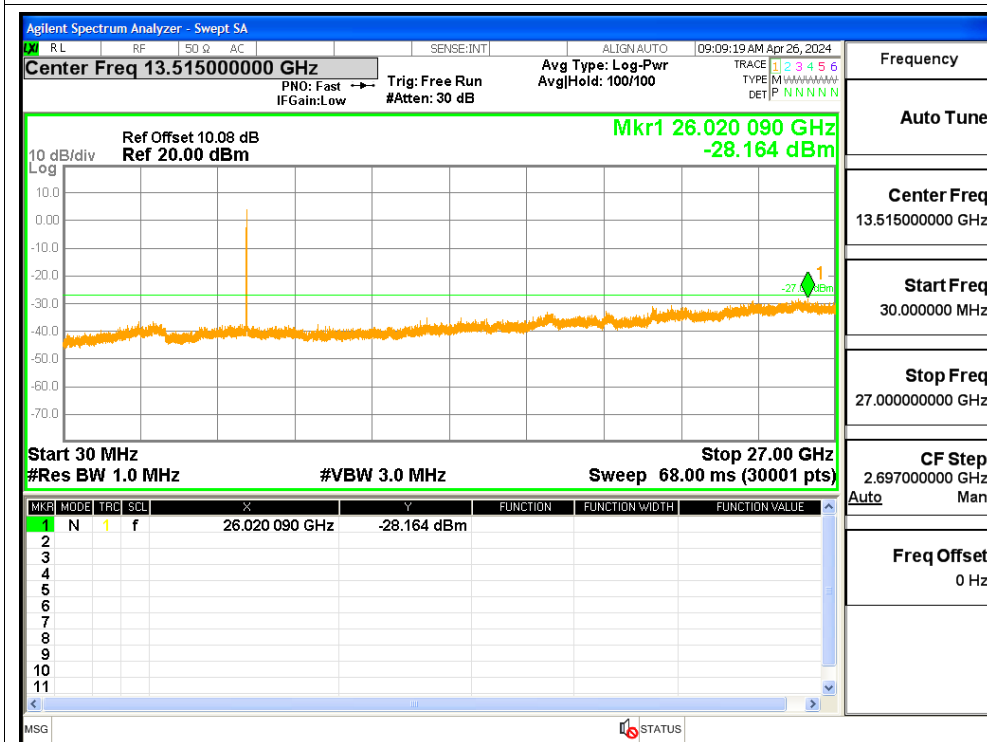
Tx. Spurious NVNT ax160 6505MHz Ant1 Emission



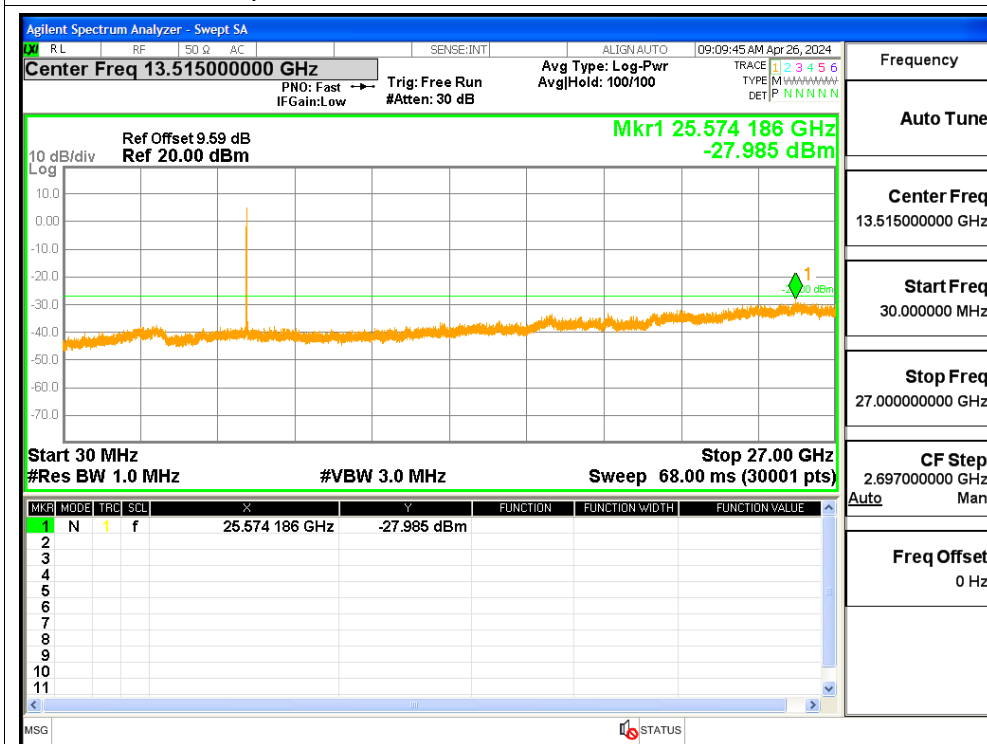
Tx. Spurious NVNT ax160 6505MHz Ant2 Emission



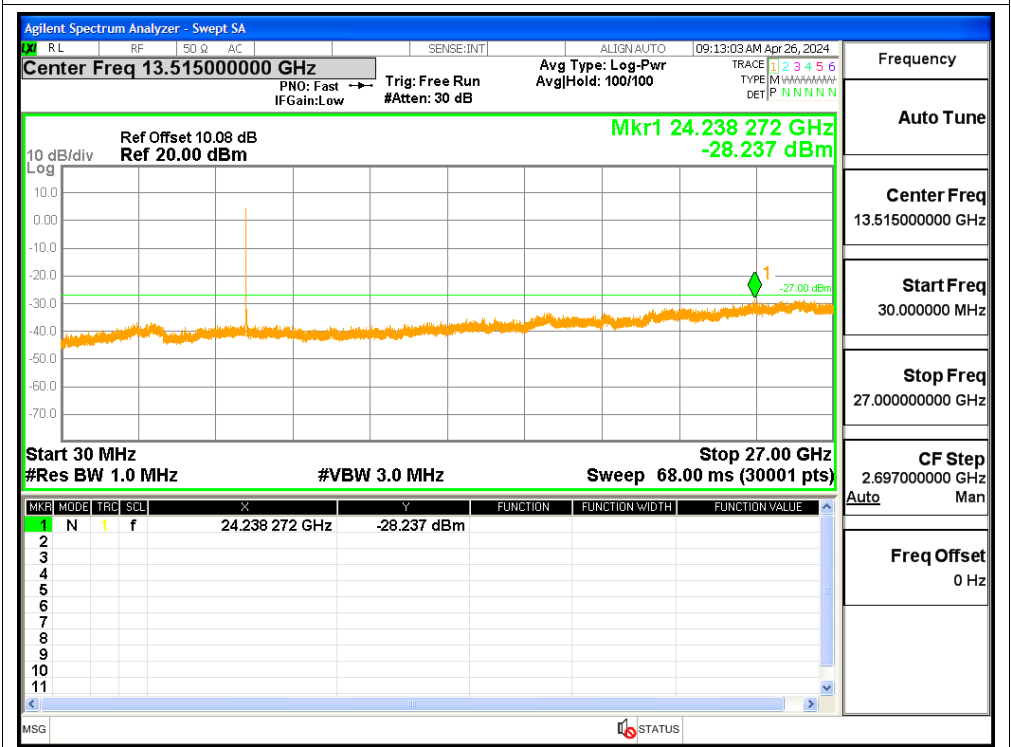
Tx. Spurious NVNT ax20 6435MHz Ant1 Emission



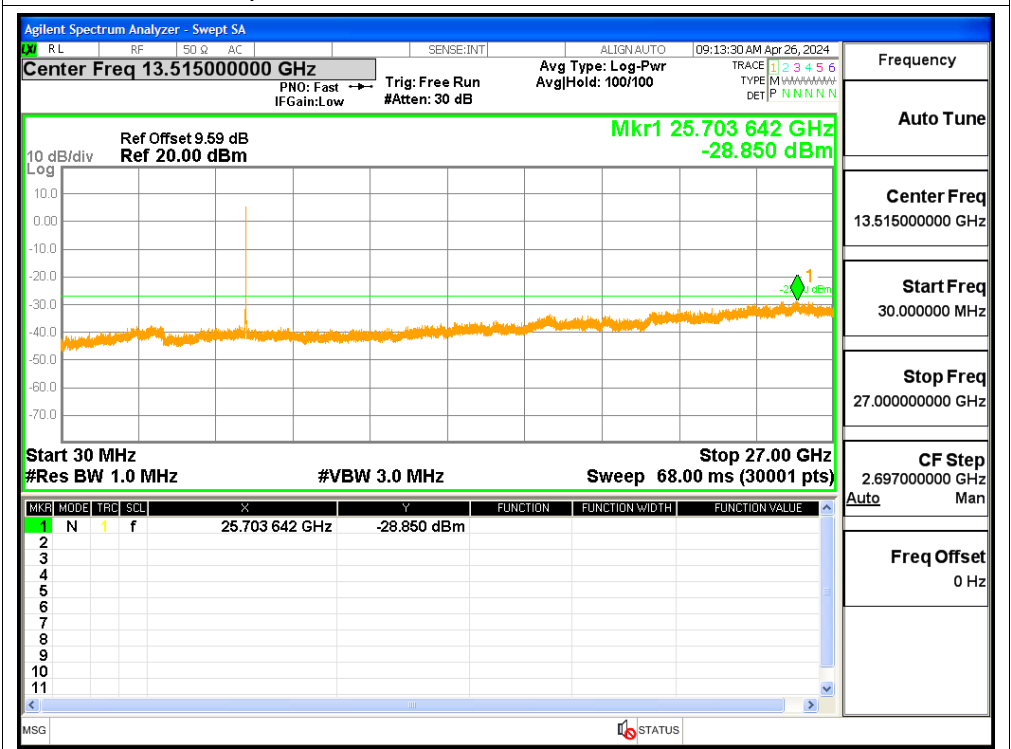
Tx. Spurious NVNT ax20 6435MHz Ant2 Emission



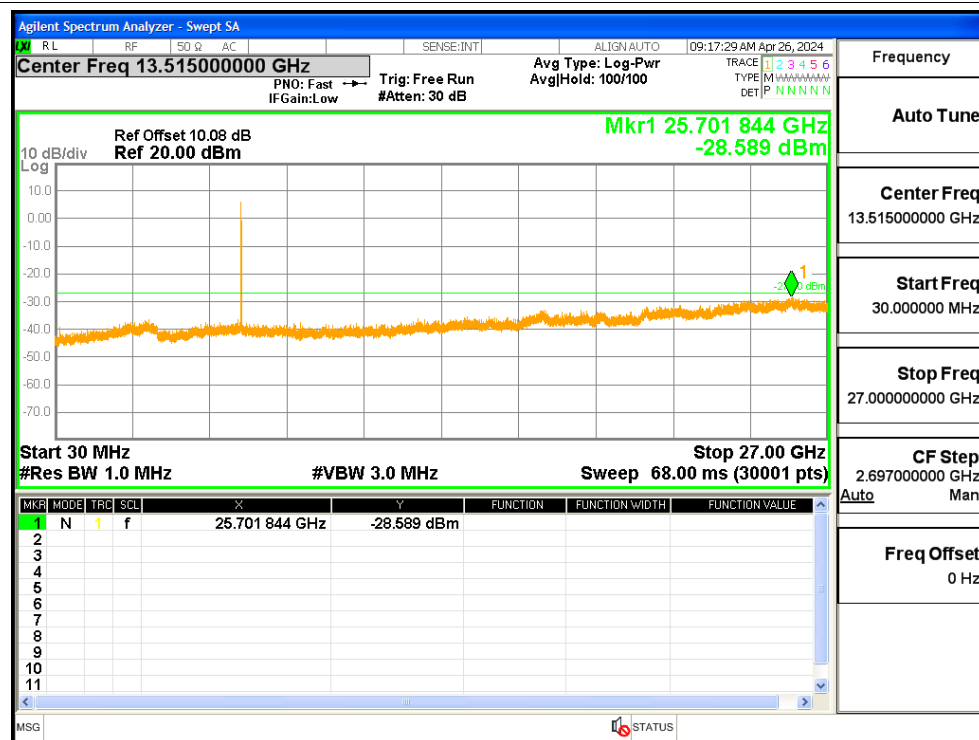
Tx. Spurious NVNT ax20 6475MHz Ant1 Emission



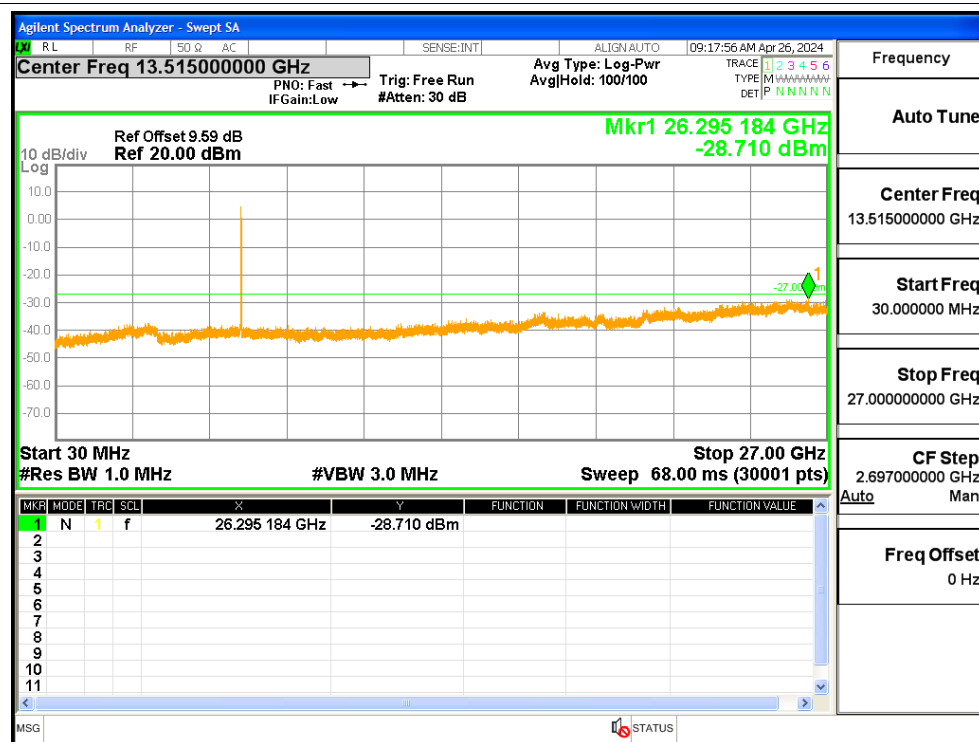
Tx. Spurious NVNT ax20 6475MHz Ant2 Emission



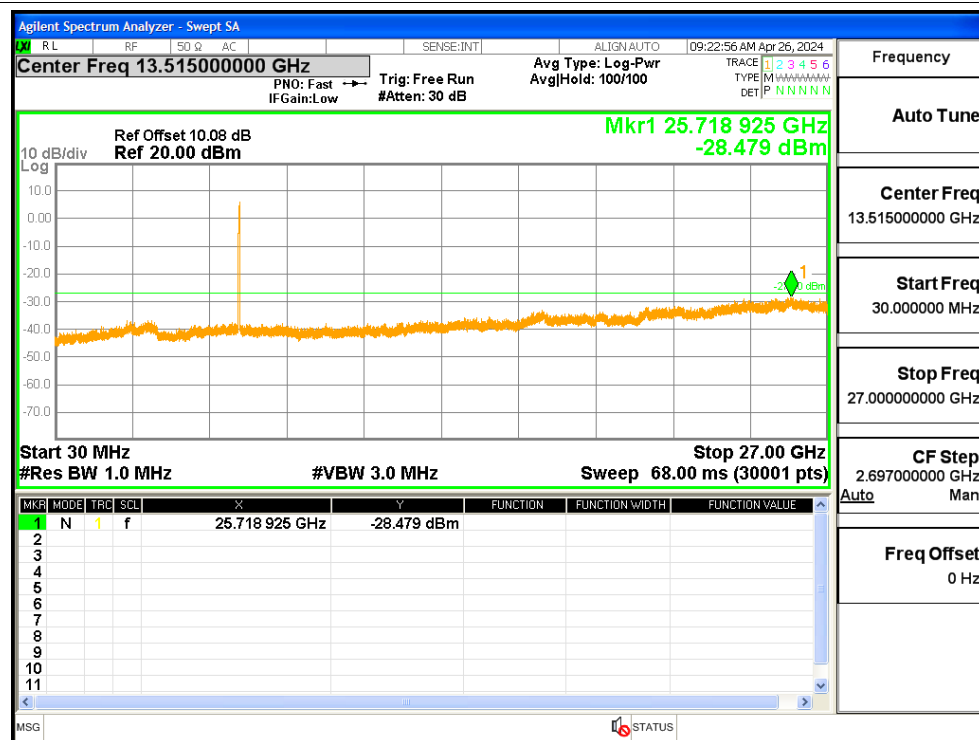
Tx. Spurious NVNT ax20 6515MHz Ant1 Emission



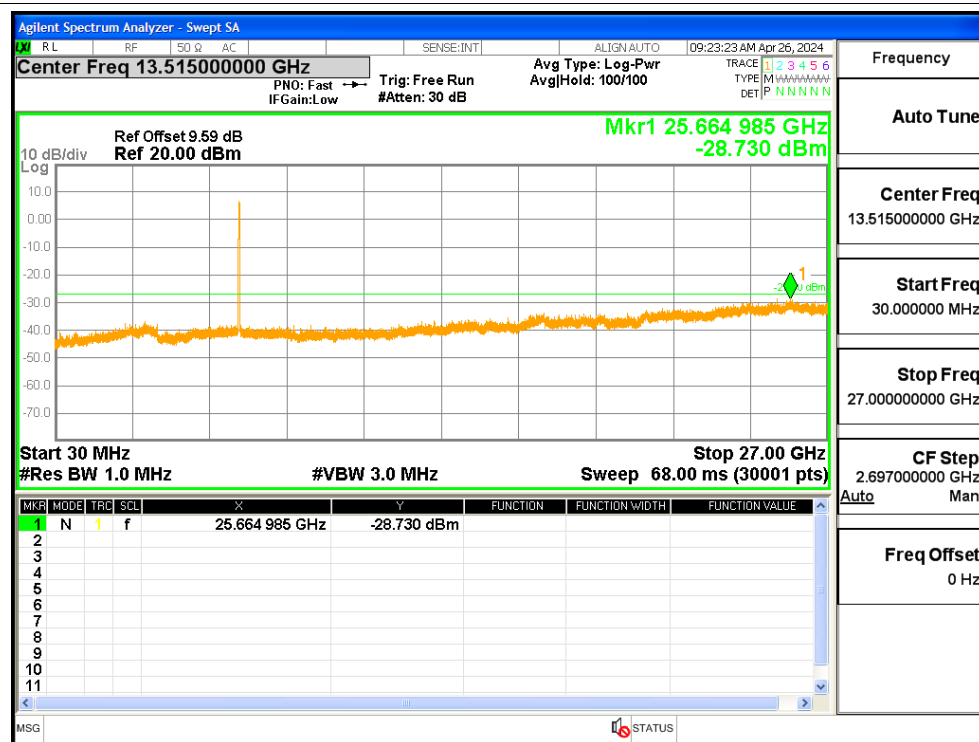
Tx. Spurious NVNT ax20 6515MHz Ant2 Emission



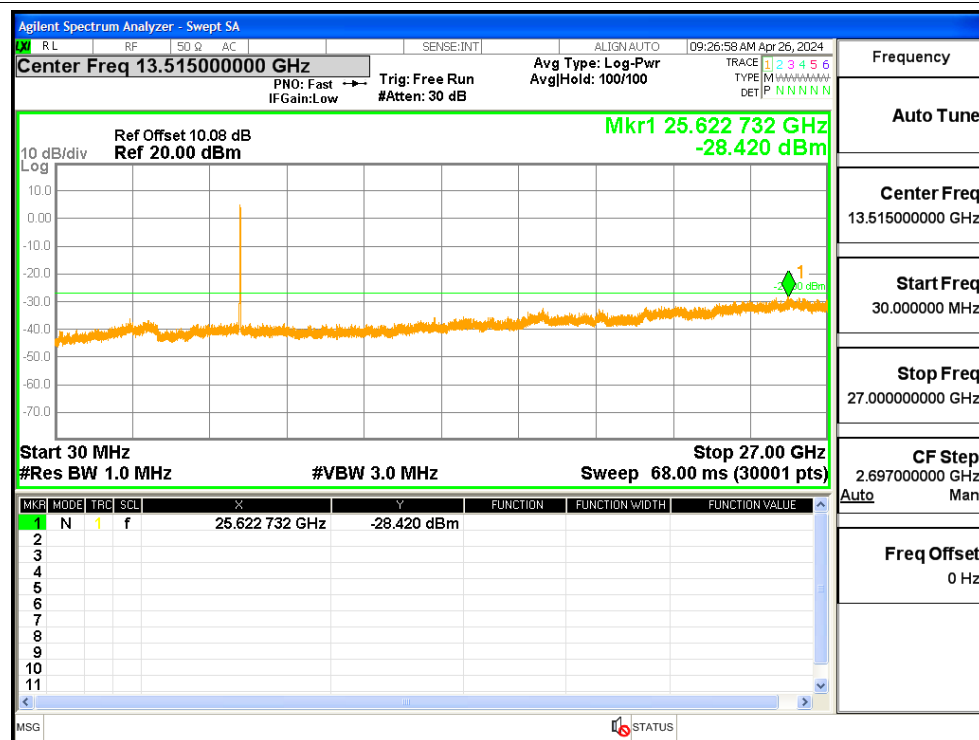
Tx. Spurious NVNT ax40 6445MHz Ant1 Emission



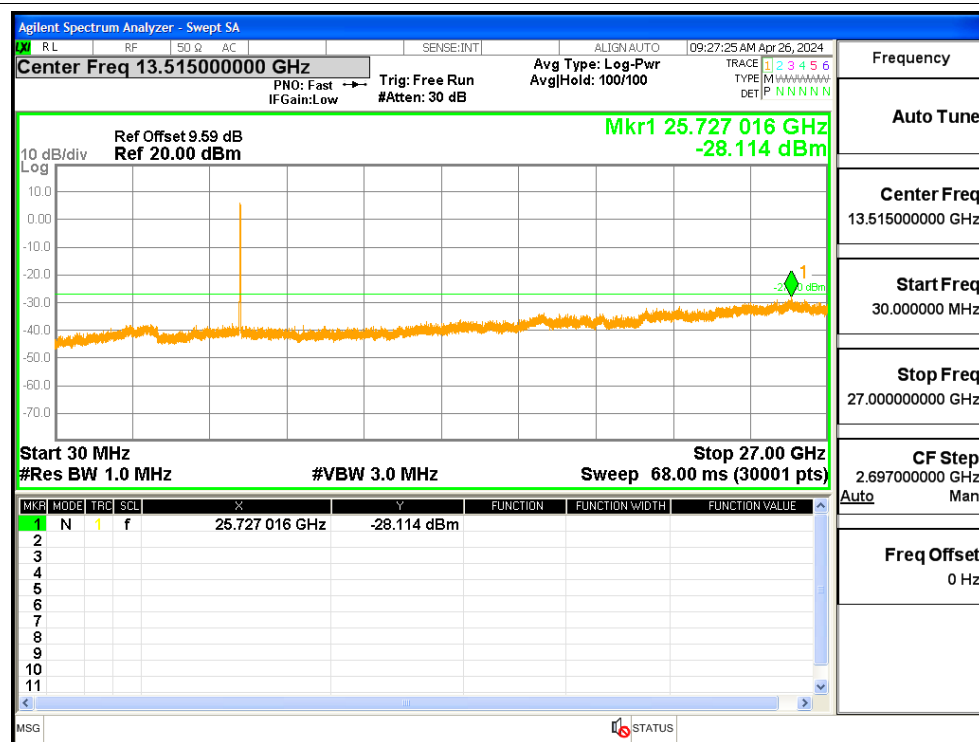
Tx. Spurious NVNT ax40 6445MHz Ant2 Emission



Tx. Spurious NVNT ax40 6485MHz Ant1 Emission



Tx. Spurious NVNT ax40 6485MHz Ant2 Emission



Tx. Spurious NVNT ax80 6465MHz Ant1 Emission

6. Power spectral mask

Condition	Mode	Frequency (MHz)	Antenna	Sub Band	Worst EIB Frequency (MHz)	Level (dB)	Limit (dB)	Verdict
NVNT	a	6435	Ant1	Band1	6436.26	0	0	Pass
NVNT	a	6435	Ant2	Band1	6440.02	0	0	Pass
NVNT	a	6475	Ant1	Band1	6477.46	0	0	Pass
NVNT	a	6475	Ant2	Band1	6482.47	0	0	Pass
NVNT	a	6515	Ant1	Band1	6518.81	0	0	Pass
NVNT	a	6515	Ant2	Band1	6513.77	0	0	Pass
NVNT	ax160	6505	Sum	Band1	6551.21	0	0	Pass
NVNT	ax20	6435	Sum	Band1	6433.8	0	0	Pass
NVNT	ax20	6475	Sum	Band1	6467.5	0	0	Pass
NVNT	ax20	6515	Sum	Band1	6511.27	0	0	Pass
NVNT	ax40	6445	Sum	Band1	6449.45	0	0	Pass
NVNT	ax40	6485	Sum	Band1	6487.46	0	0	Pass
NVNT	ax80	6465	Sum	Band1	6477.74	0	0	Pass

