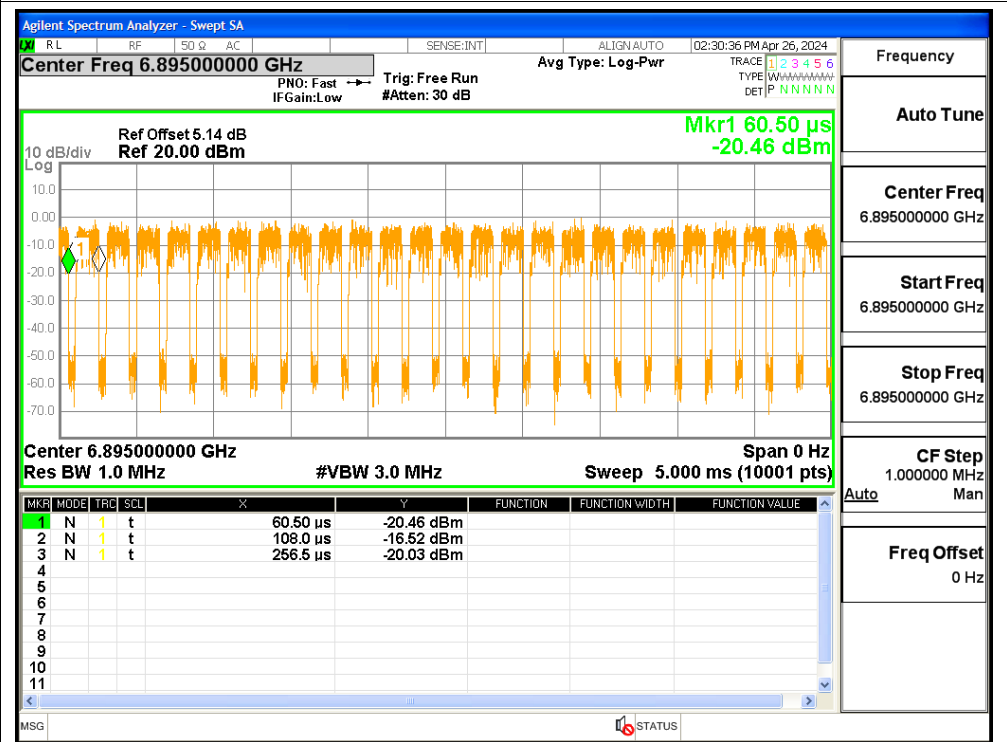


1. Duty Cycle

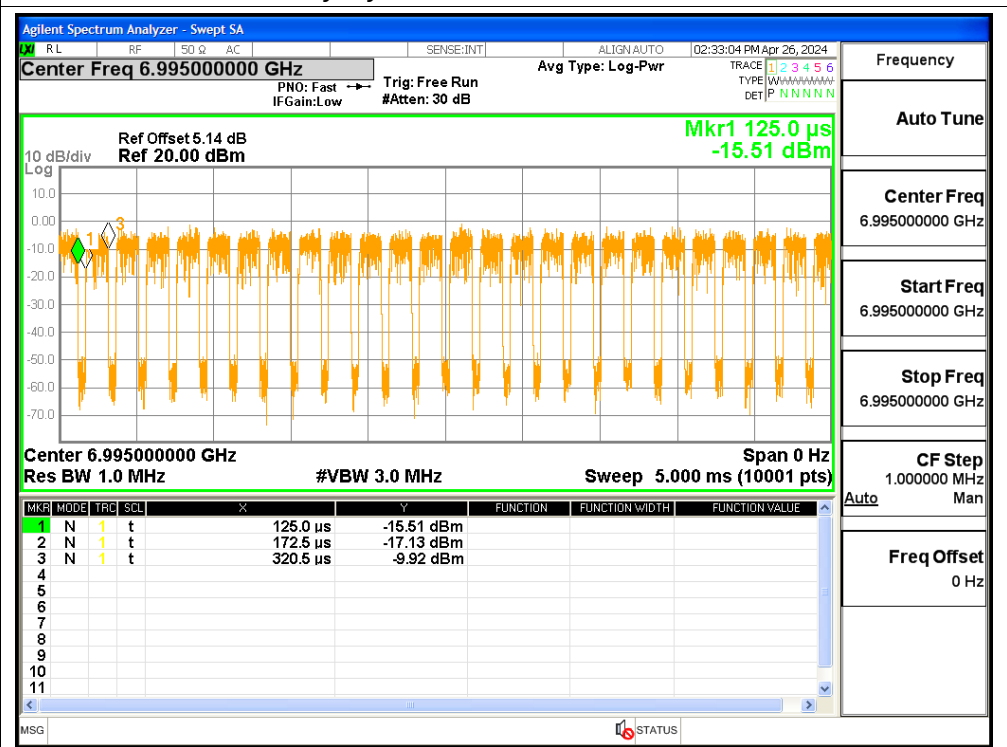
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	6895	Ant1	75.77	1.21	6.73
NVNT	a	6995	Ant1	75.7	1.21	6.76
NVNT	a	7115	Ant1	75.77	1.21	6.73
NVNT	a	6895	Ant2	75.7	1.21	6.76
NVNT	a	6995	Ant2	75.77	1.21	6.73
NVNT	a	7115	Ant2	75.51	1.22	6.76
NVNT	ax160	6985	Sum	84.26	0.74	3.89
NVNT	ax20	6895	Sum	84.05	0.75	3.95
NVNT	ax20	6995	Sum	83.89	0.76	3.96
NVNT	ax20	7115	Sum	83.89	0.76	3.96
NVNT	ax40	6925	Sum	84.26	0.74	3.89
NVNT	ax40	7005	Sum	84.26	0.74	3.89
NVNT	ax40	7085	Sum	84.26	0.74	3.89
NVNT	ax80	6945	Sum	84.59	0.73	3.88
NVNT	ax80	7025	Sum	84.64	0.72	3.86

Test Graphs

Duty Cycle NVNT a 6895MHz Ant1



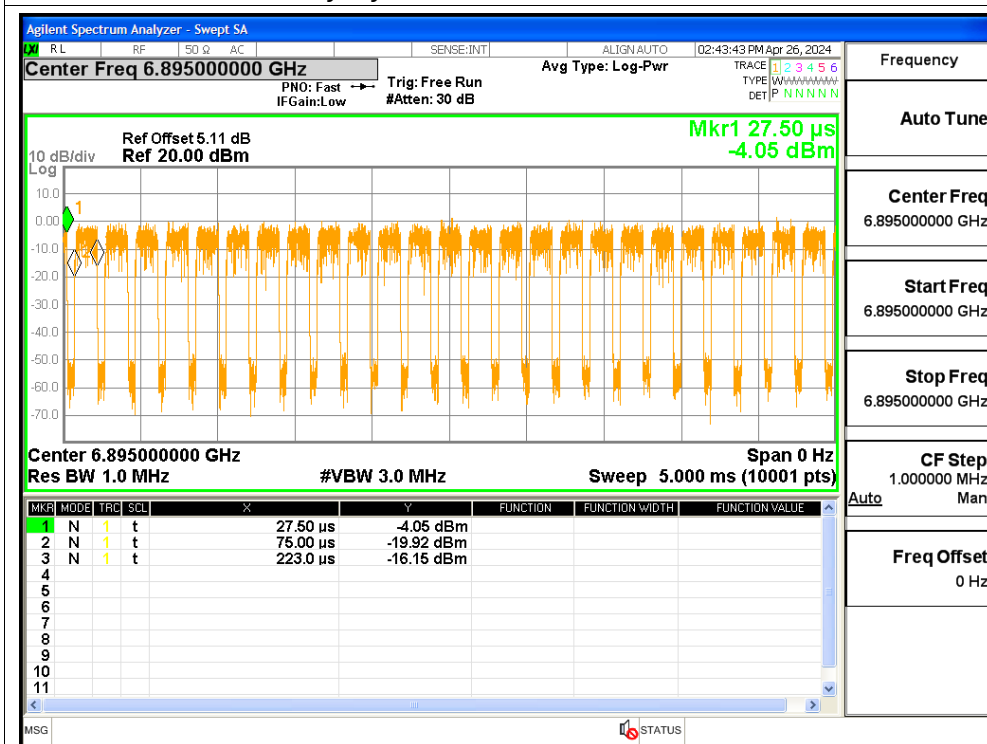
Duty Cycle NVNT a 6995MHz Ant1



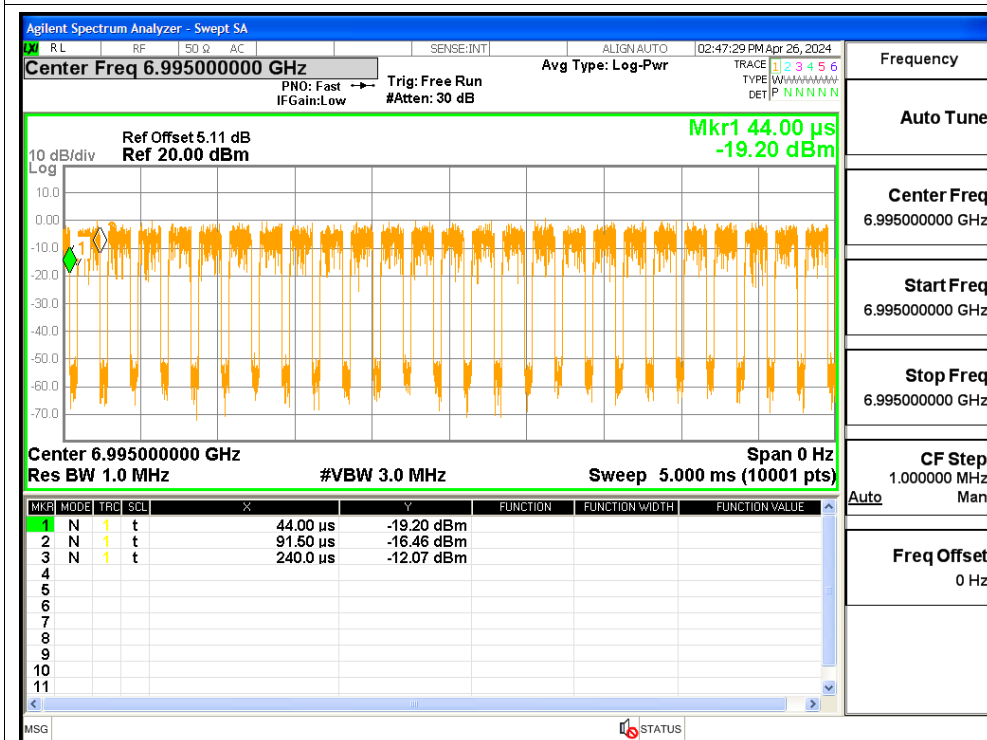
Duty Cycle NVNT a 7115MHz Ant1



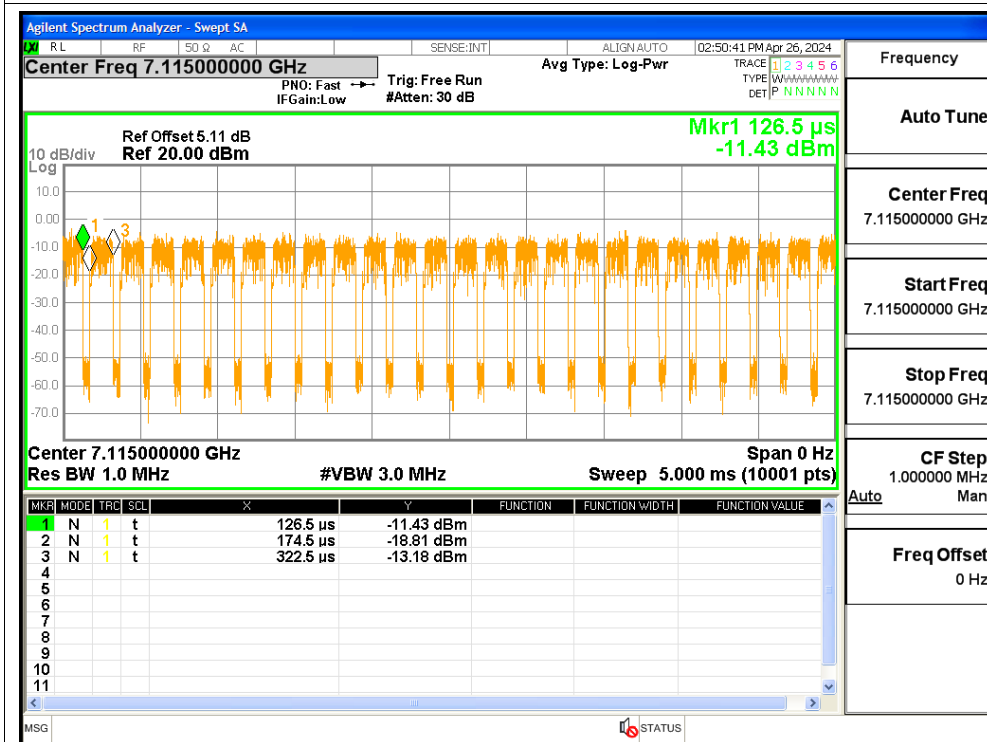
Duty Cycle NVNT a 6895MHz Ant2



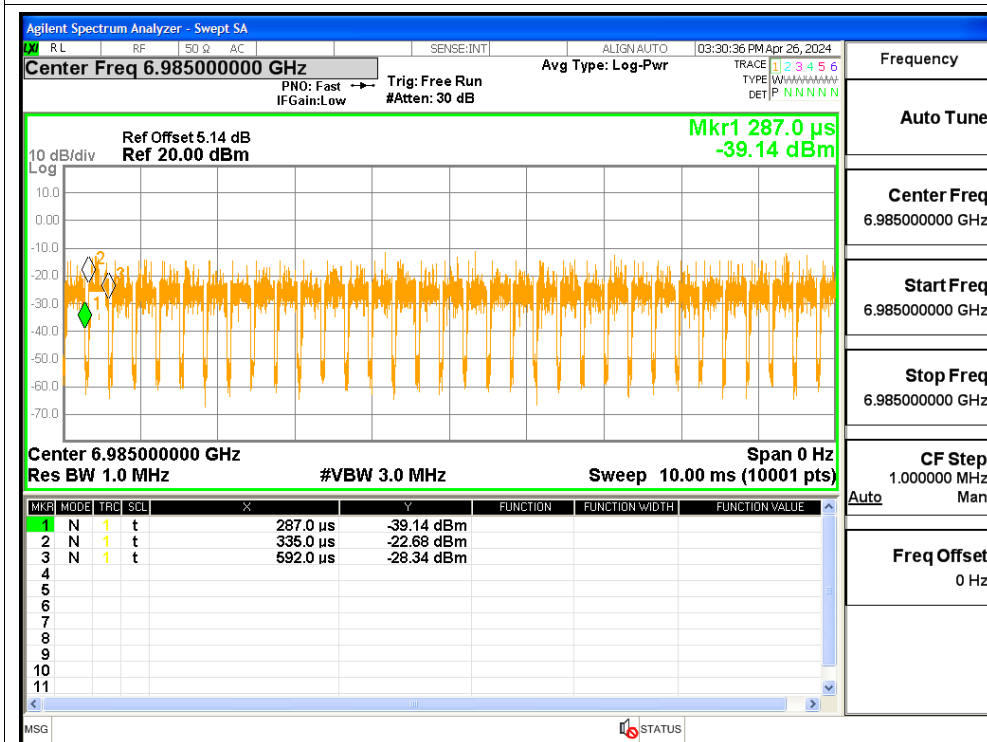
Duty Cycle NVNT a 6995MHz Ant2



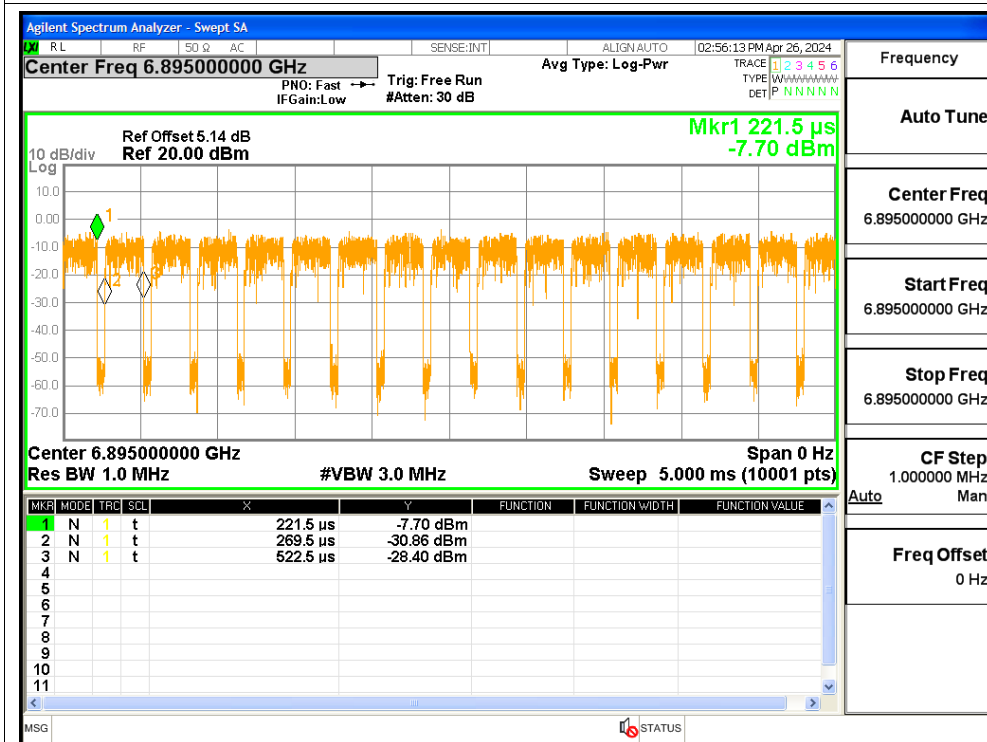
Duty Cycle NVNT a 7115MHz Ant2



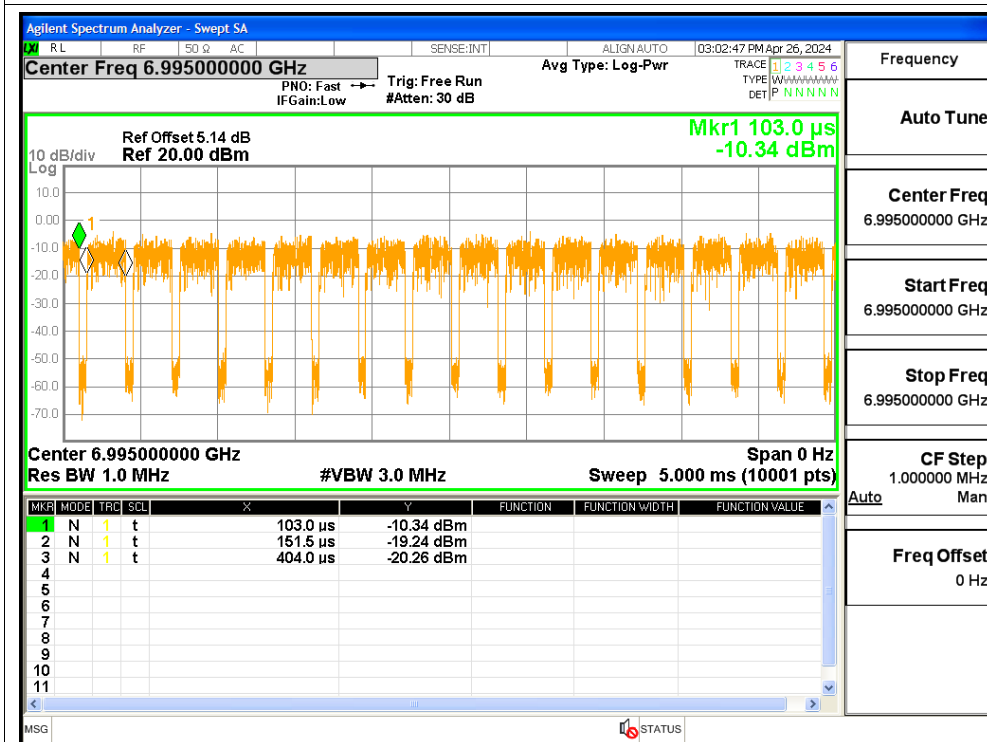
Duty Cycle NVNT ax160 6985MHz Sum



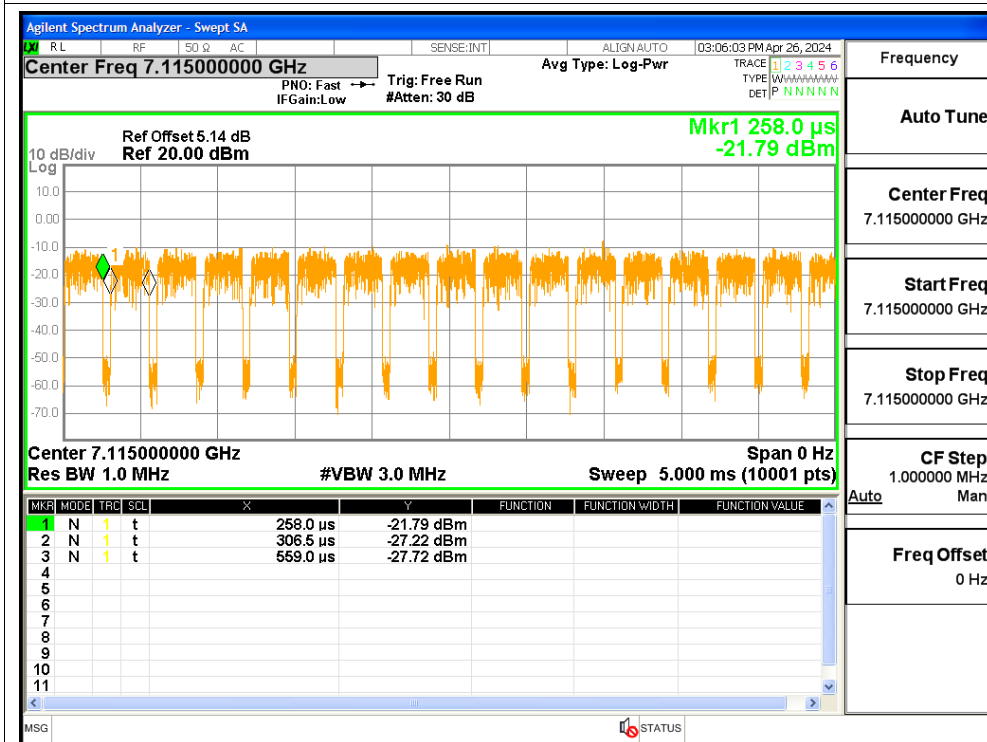
Duty Cycle NVNT ax20 6895MHz Sum



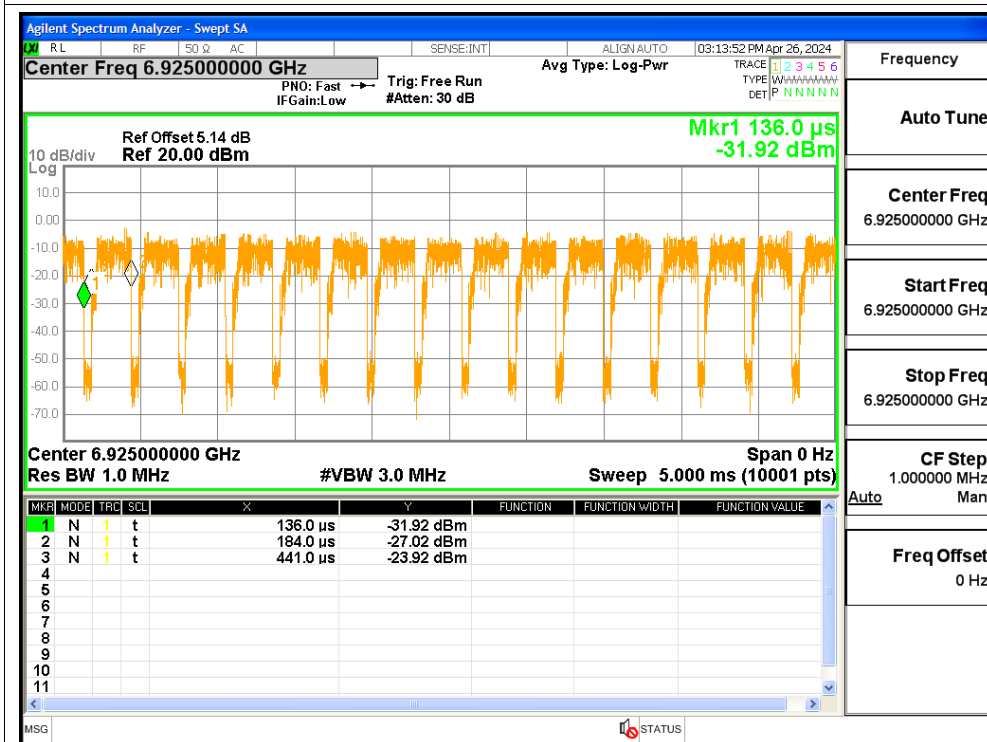
Duty Cycle NVNT ax20 6995MHz Sum



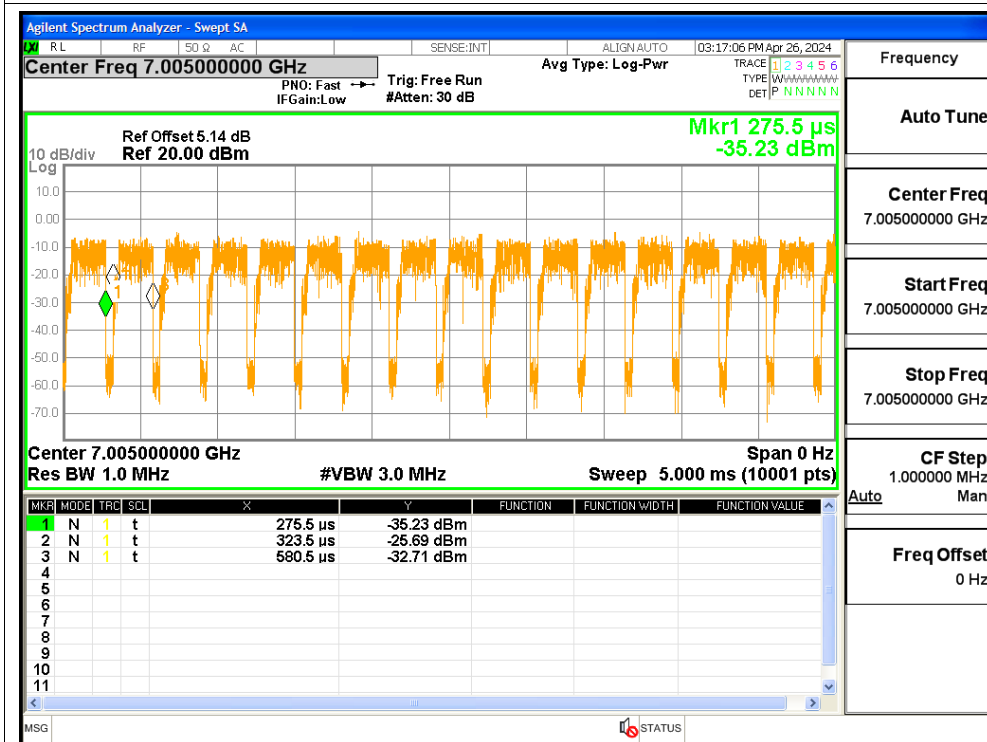
Duty Cycle NVNT ax20 7115MHz Sum



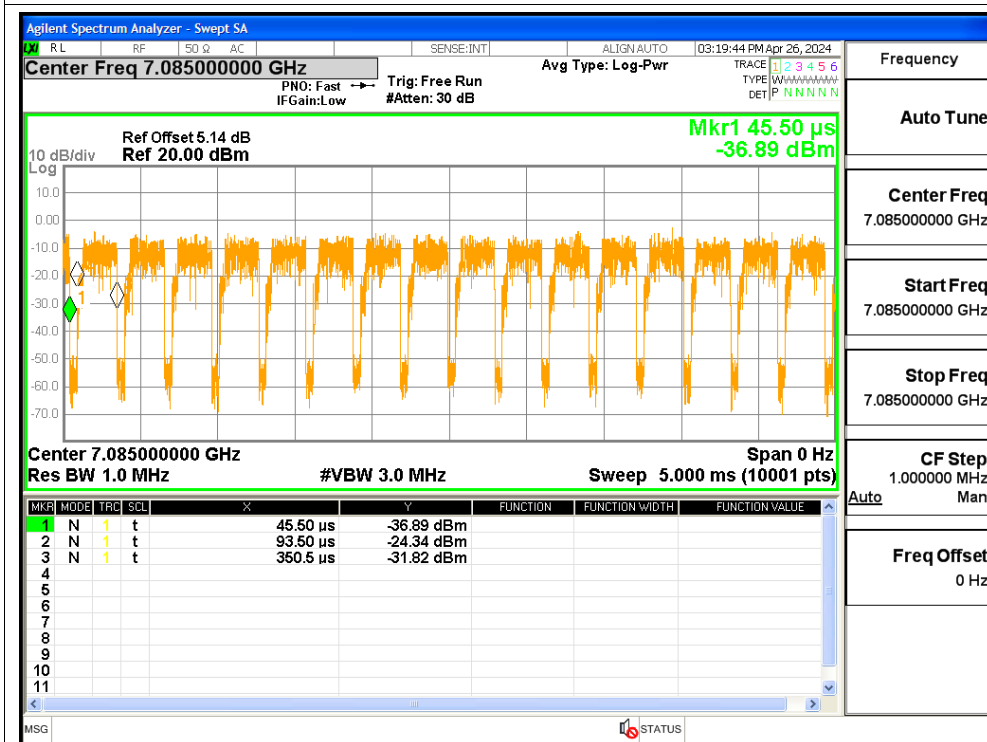
Duty Cycle NVNT ax40 6925MHz Sum



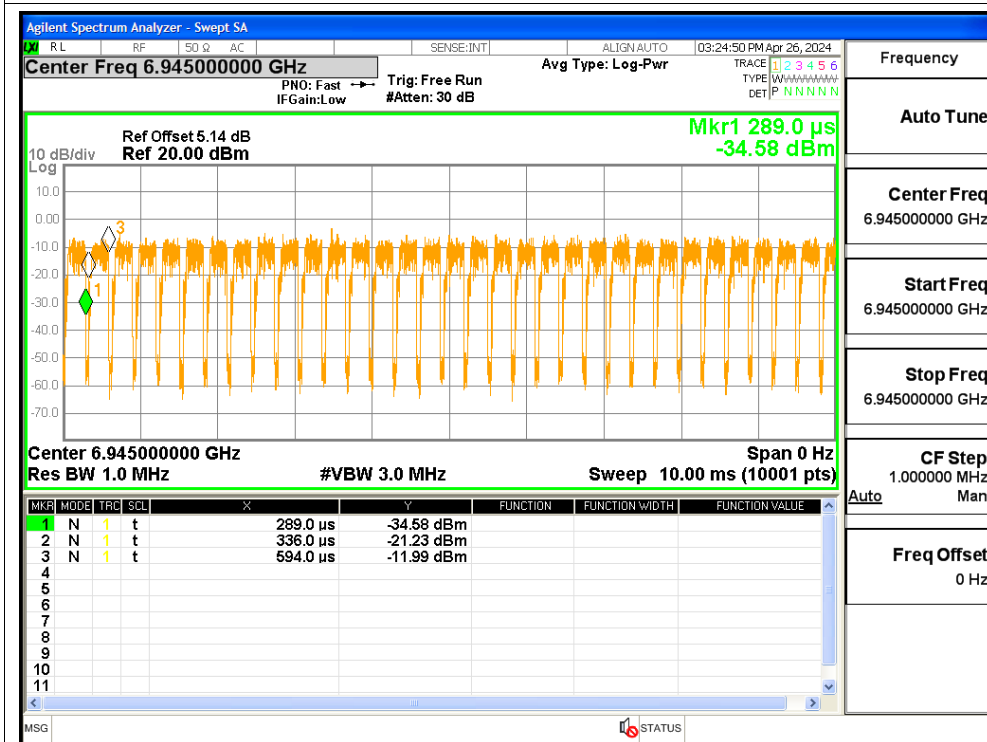
Duty Cycle NVNT ax40 7005MHz Sum

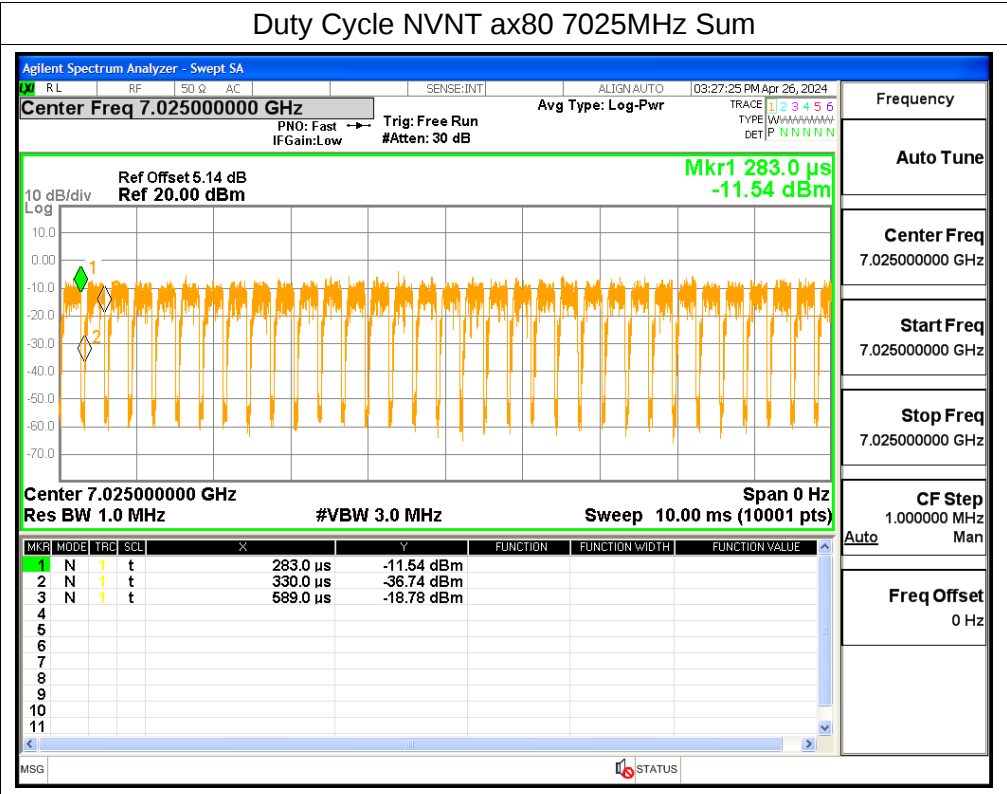


Duty Cycle NVNT ax40 7085MHz Sum



Duty Cycle NVNT ax80 6945MHz Sum



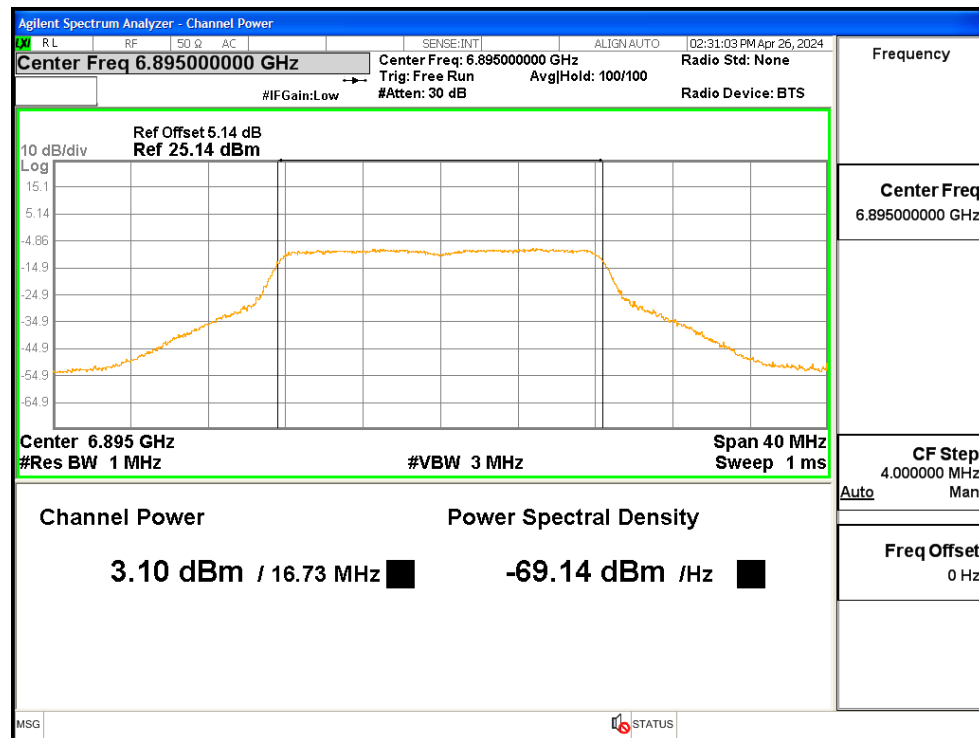


2. Maximum Conducted Output Power

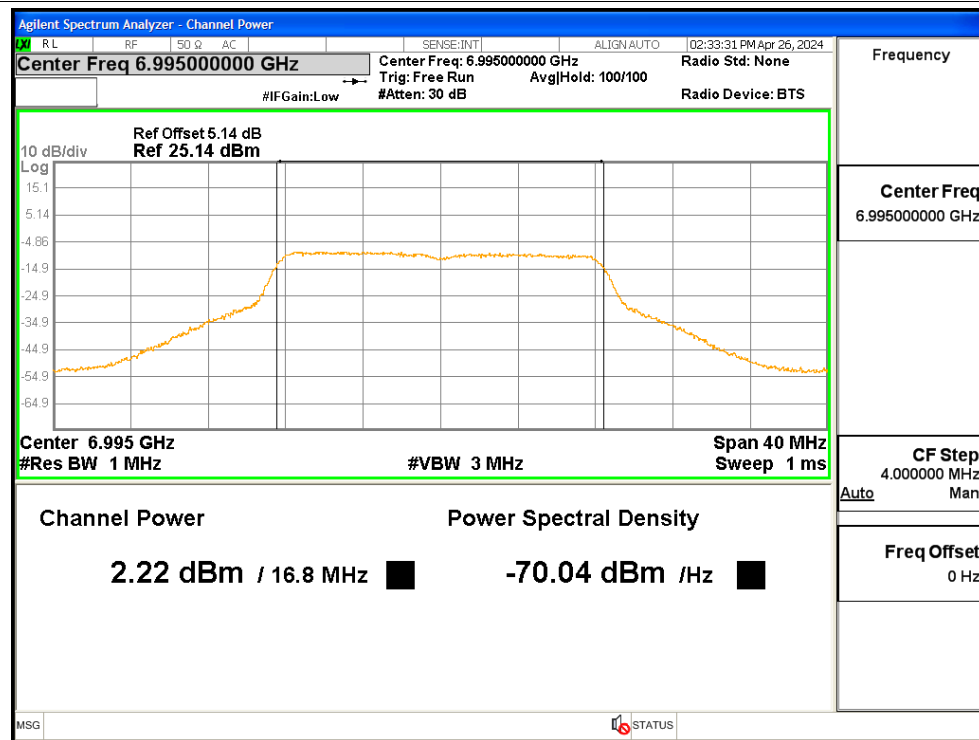
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Gain (dBi)	eirp Power	Limit (dBm)	Verdict
NVNT	a	6895	Ant1	3.1	1.21	4.31	4.94	9.25	24	Pass
NVNT	a	6995	Ant1	2.22	1.21	3.43	4.94	8.37	24	Pass
NVNT	a	7115	Ant1	-1.68	1.21	-0.47	4.94	4.47	24	Pass
NVNT	a	6895	Ant2	4.54	1.21	5.75	4.48	10.23	24	Pass
NVNT	a	6995	Ant2	4.17	1.21	5.38	4.48	9.86	24	Pass
NVNT	a	7115	Ant2	-0.31	1.22	0.91	4.48	5.39	24	Pass
NVNT	ax160	6985	Ant1	4.81	0.74	5.55	4.94	10.49	24	Pass
NVNT	ax160	6985	Ant2	6.25	0.74	6.99	4.48	11.47	24	Pass
NVNT	ax160	6985	Sum					14.02	24	Pass
NVNT	ax20	6895	Ant1	0.62	0.75	1.37	4.94	6.31	24	Pass
NVNT	ax20	6895	Ant2	1.9	0.75	2.65	4.48	7.13	24	Pass
NVNT	ax20	6895	Sum					9.75	24	Pass
NVNT	ax20	6995	Ant1	-0.3	0.76	0.46	4.94	5.4	24	Pass
NVNT	ax20	6995	Ant2	1.44	0.76	2.2	4.48	6.68	24	Pass
NVNT	ax20	6995	Sum					9.1	24	Pass
NVNT	ax20	7115	Ant1	-5.53	0.76	-4.77	4.94	0.17	24	Pass
NVNT	ax20	7115	Ant2	-6.33	0.76	-5.57	4.48	-1.09	24	Pass
NVNT	ax20	7115	Sum					2.6	24	Pass
NVNT	ax40	6925	Ant1	4.01	0.74	4.75	4.94	9.69	24	Pass
NVNT	ax40	6925	Ant2	5.26	0.74	6	4.48	10.48	24	Pass
NVNT	ax40	6925	Sum					13.11	24	Pass
NVNT	ax40	7005	Ant1	3.21	0.74	3.95	4.94	8.89	24	Pass
NVNT	ax40	7005	Ant2	4.98	0.74	5.72	4.48	10.2	24	Pass
NVNT	ax40	7005	Sum					12.6	24	Pass
NVNT	ax40	7085	Ant1	3.75	0.74	4.49	4.94	9.43	24	Pass
NVNT	ax40	7085	Ant2	4.61	0.74	5.35	4.48	9.83	24	Pass
NVNT	ax40	7085	Sum					12.64	24	Pass
NVNT	ax80	6945	Ant1	4.61	0.73	5.34	4.94	10.28	24	Pass
NVNT	ax80	6945	Ant2	6.12	0.73	6.85	4.48	11.33	24	Pass
NVNT	ax80	6945	Sum					13.85	24	Pass
NVNT	ax80	7025	Ant1	4.29	0.72	5.01	4.94	9.95	24	Pass
NVNT	ax80	7025	Ant2	5.71	0.72	6.43	4.48	10.91	24	Pass
NVNT	ax80	7025	Sum					13.47	24	Pass

Test Graphs

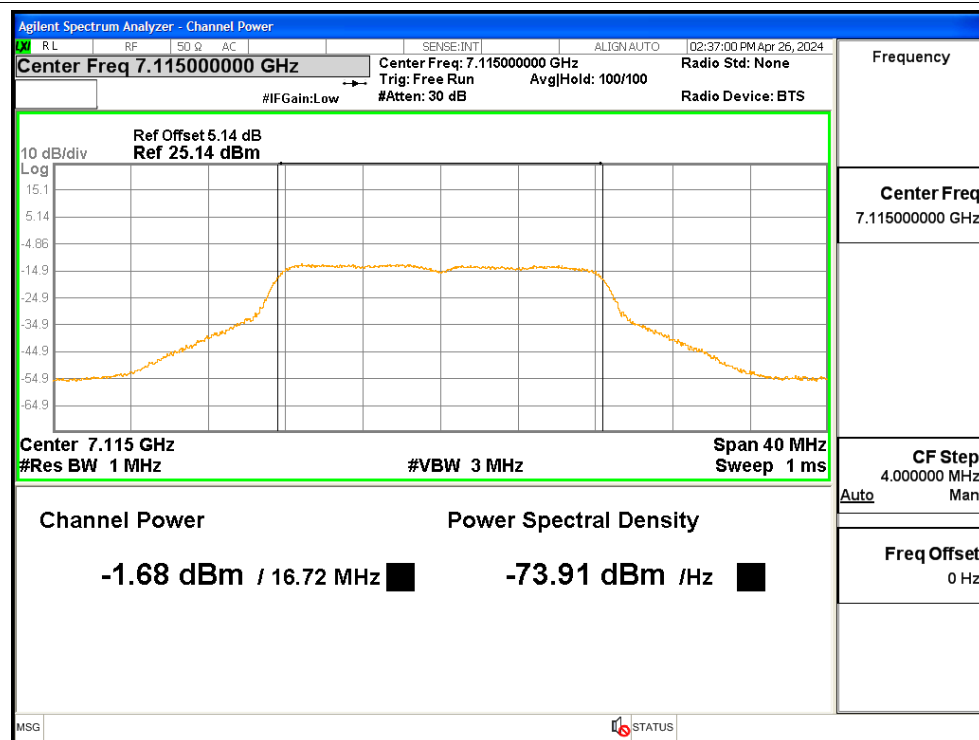
Power NVNT a 6895MHz Ant1



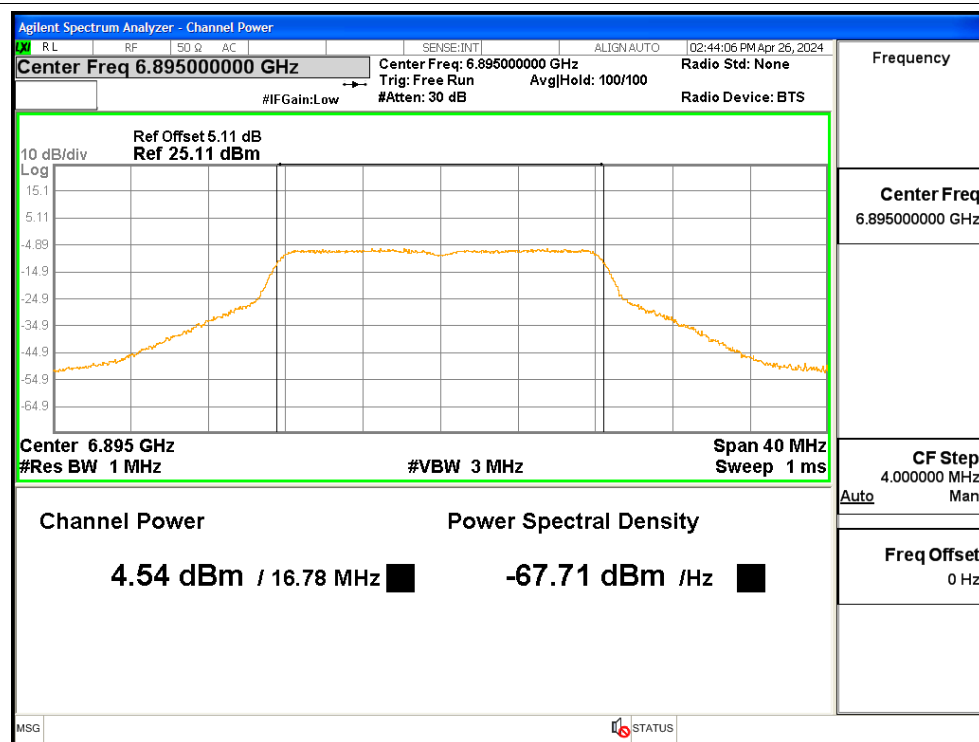
Power NVNT a 6995MHz Ant1



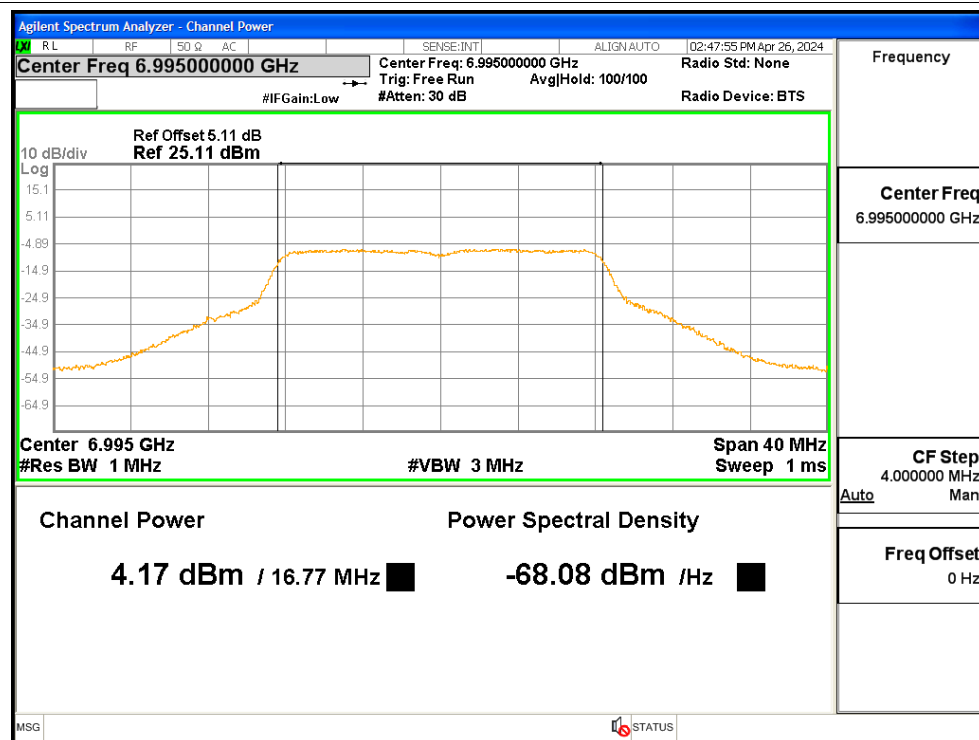
Power NVNT a 7115MHz Ant1



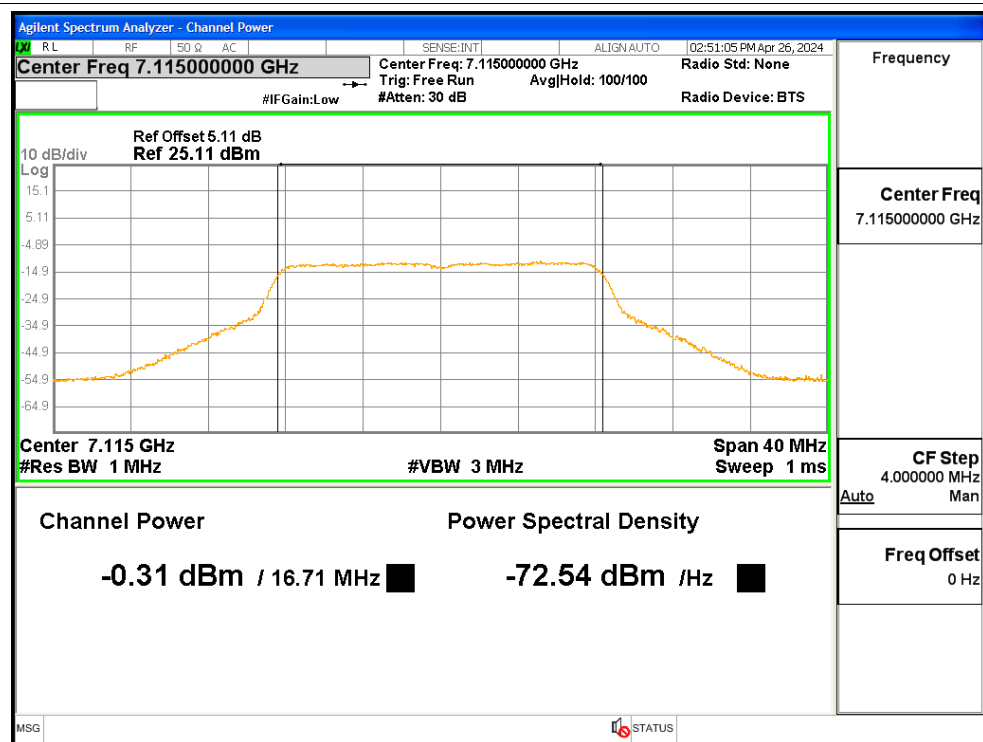
Power NVNT a 6895MHz Ant2



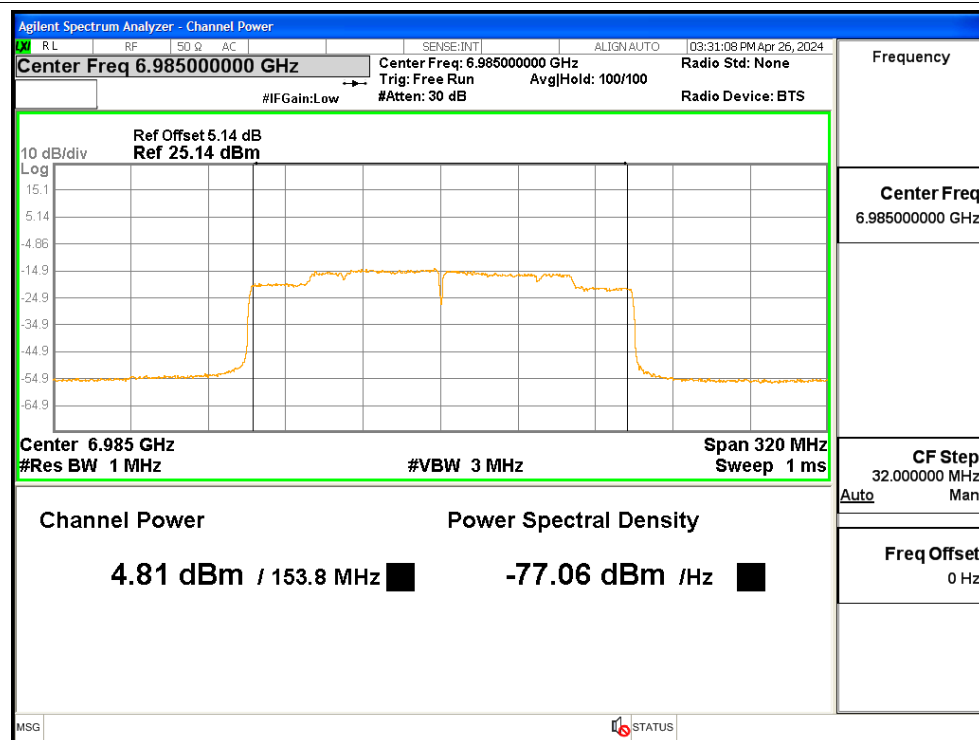
Power NVNT a 6995MHz Ant2



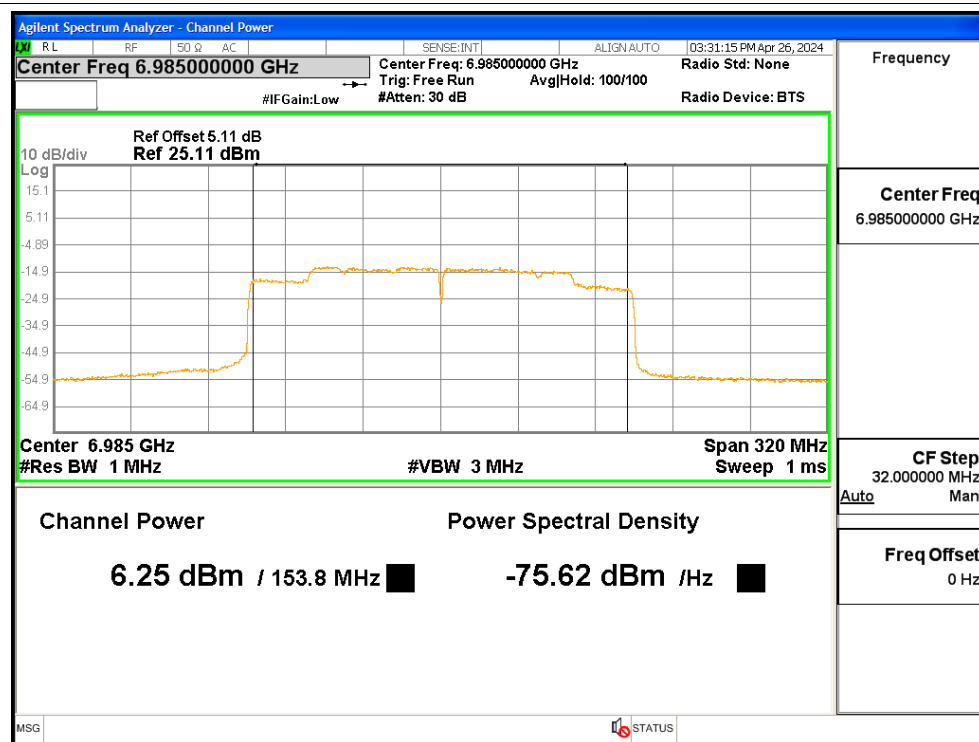
Power NVNT a 7115MHz Ant2



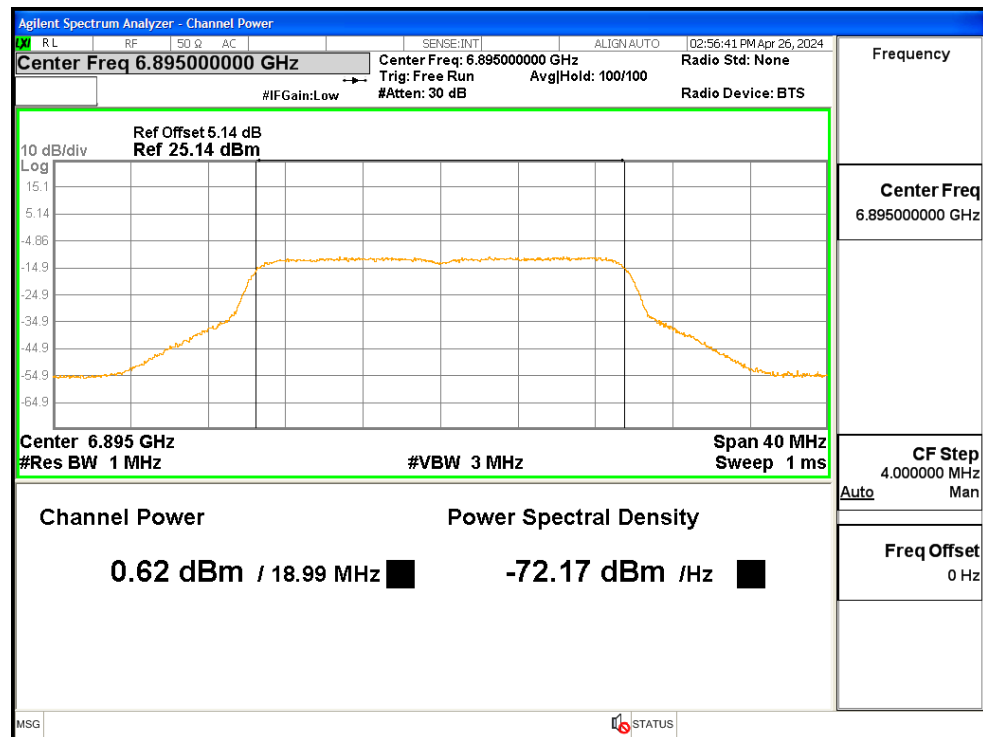
Power NVNT ax160 6985MHz Ant1



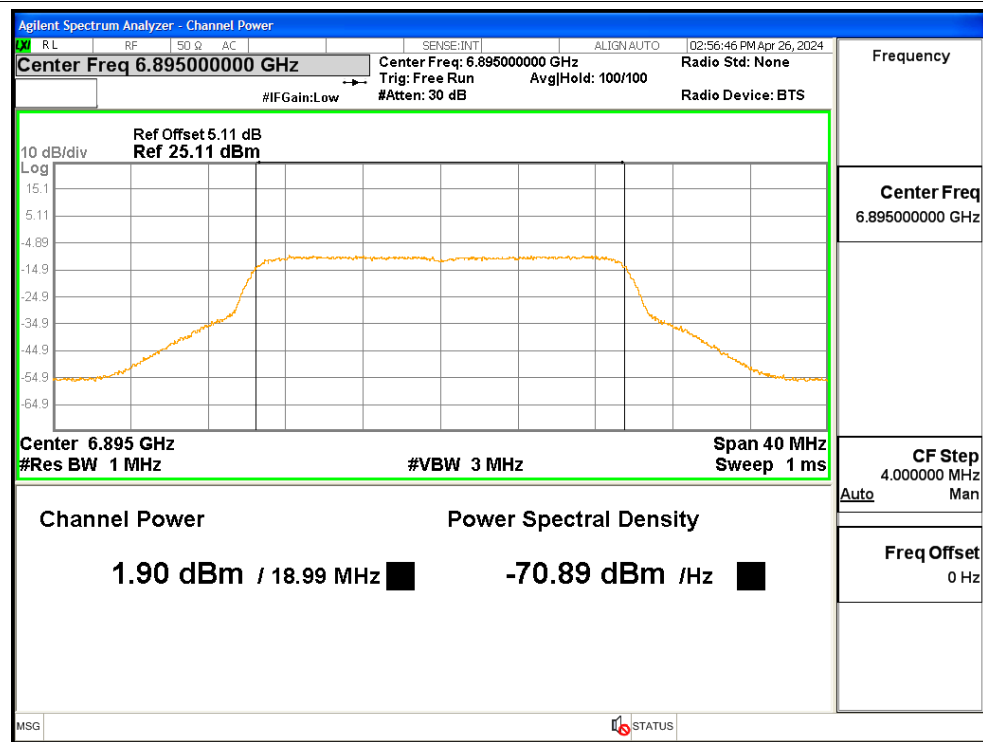
Power NVNT ax160 6985MHz Ant2



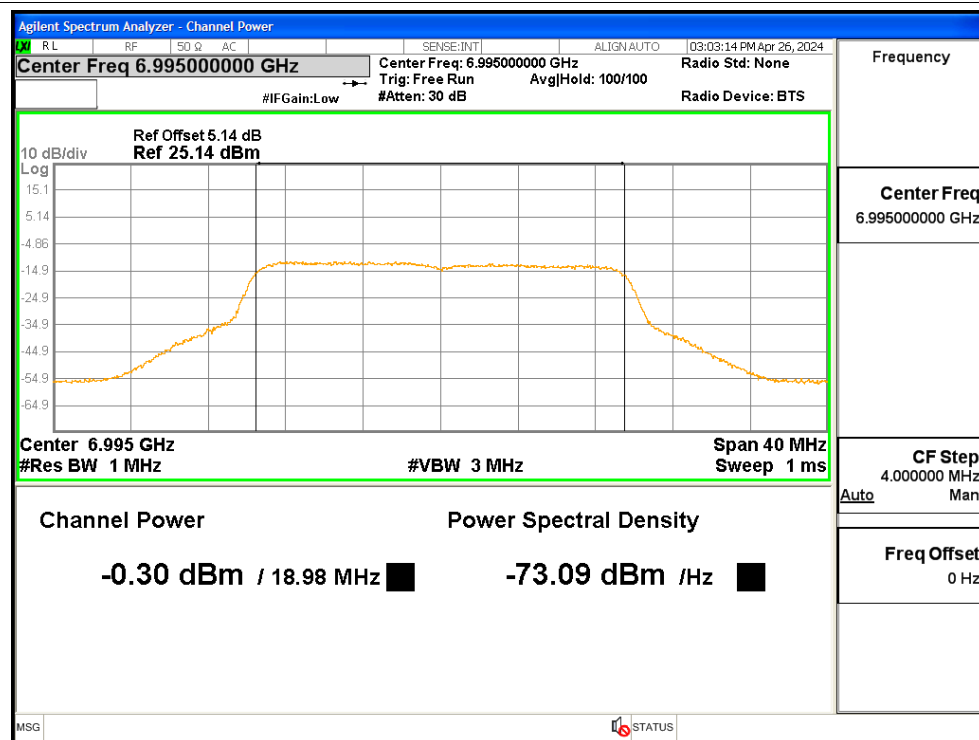
Power NVNT ax20 6895MHz Ant1



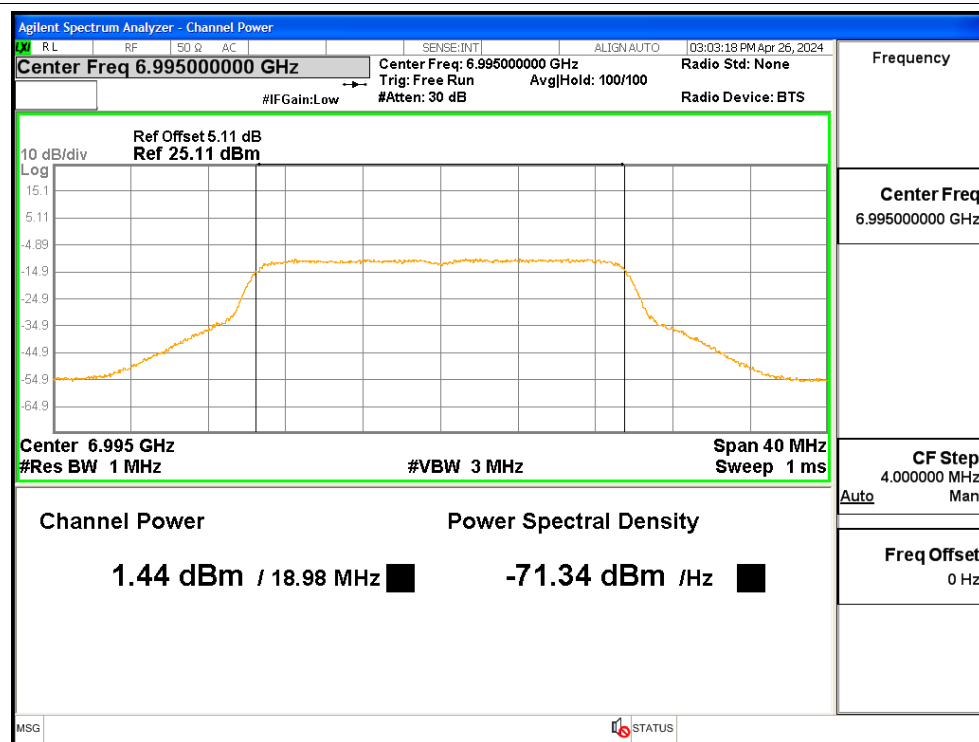
Power NVNT ax20 6895MHz Ant2



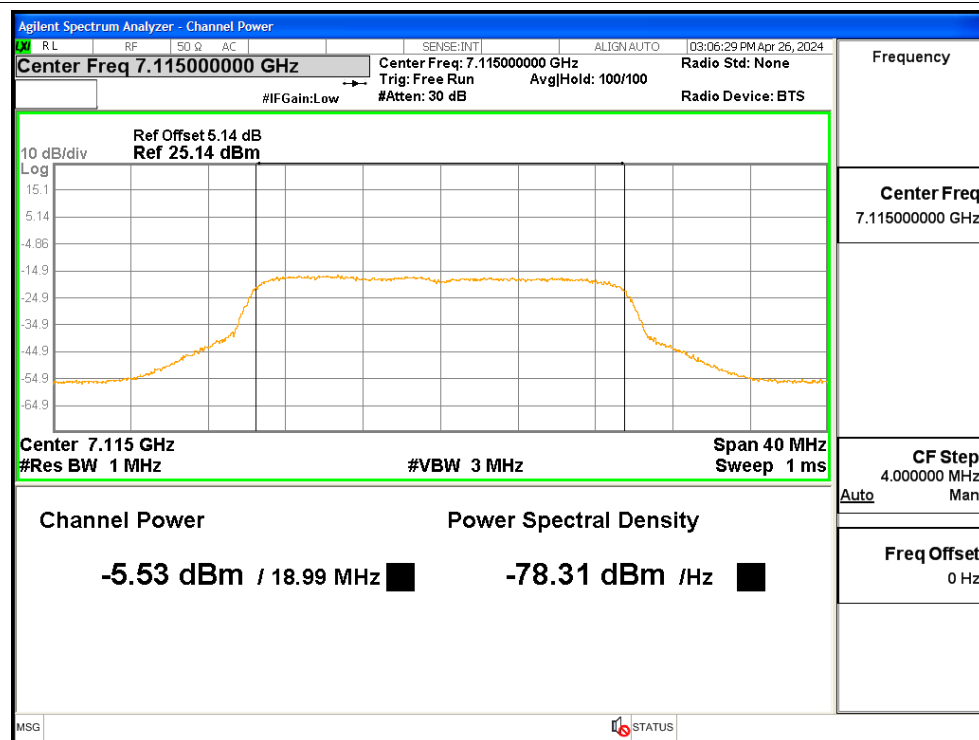
Power NVNT ax20 6995MHz Ant1



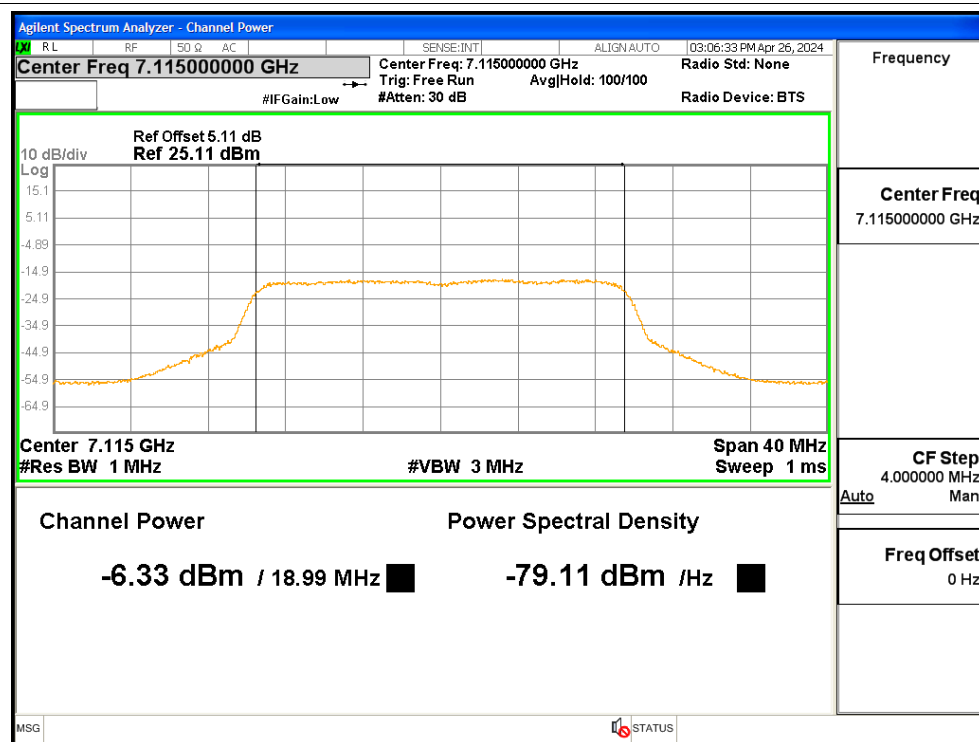
Power NVNT ax20 6995MHz Ant2



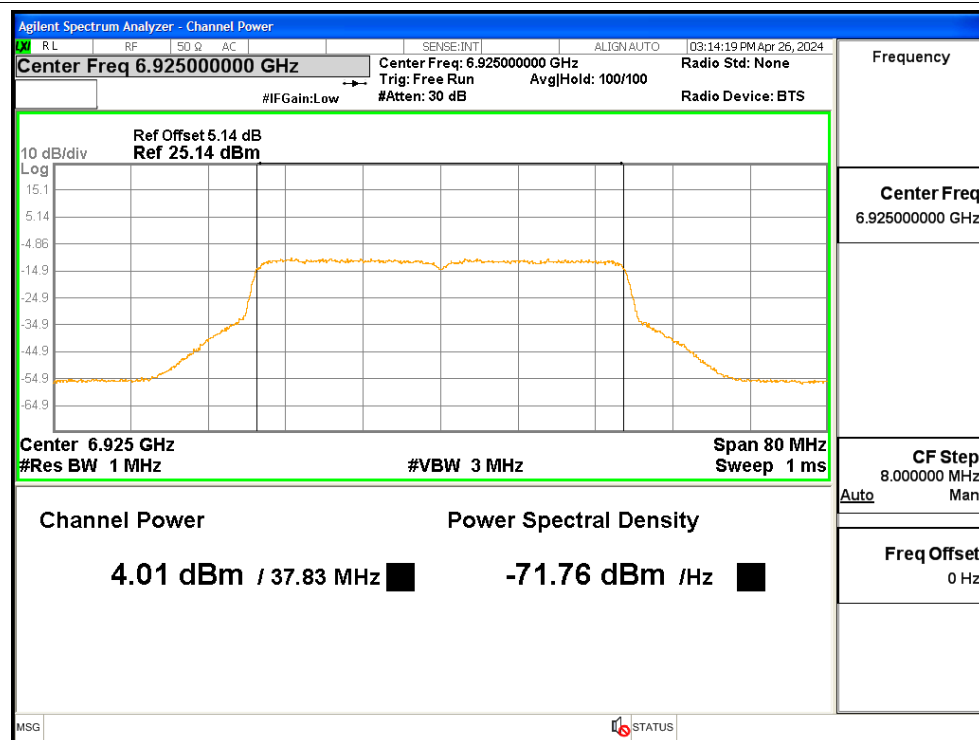
Power NVNT ax20 7115MHz Ant1



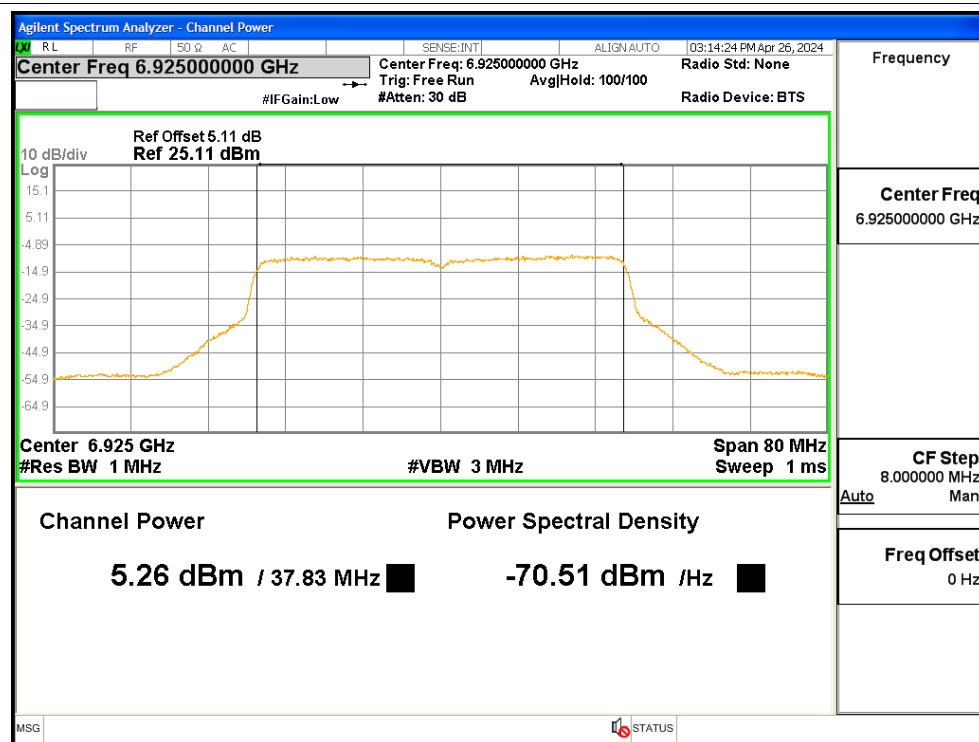
Power NVNT ax20 7115MHz Ant2



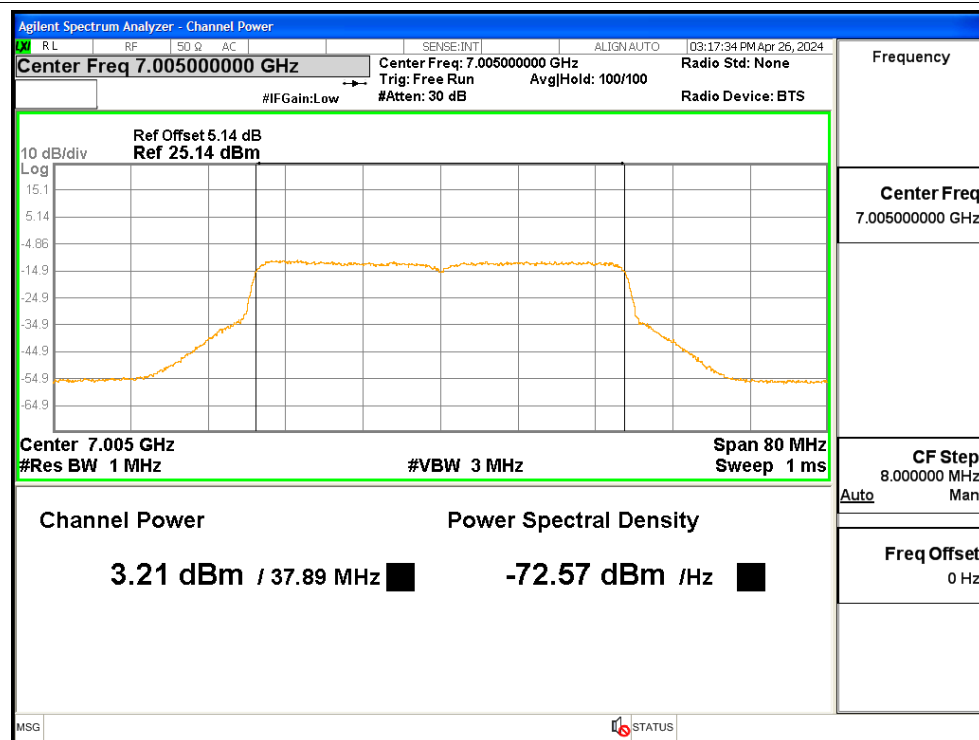
Power NVNT ax40 6925MHz Ant1



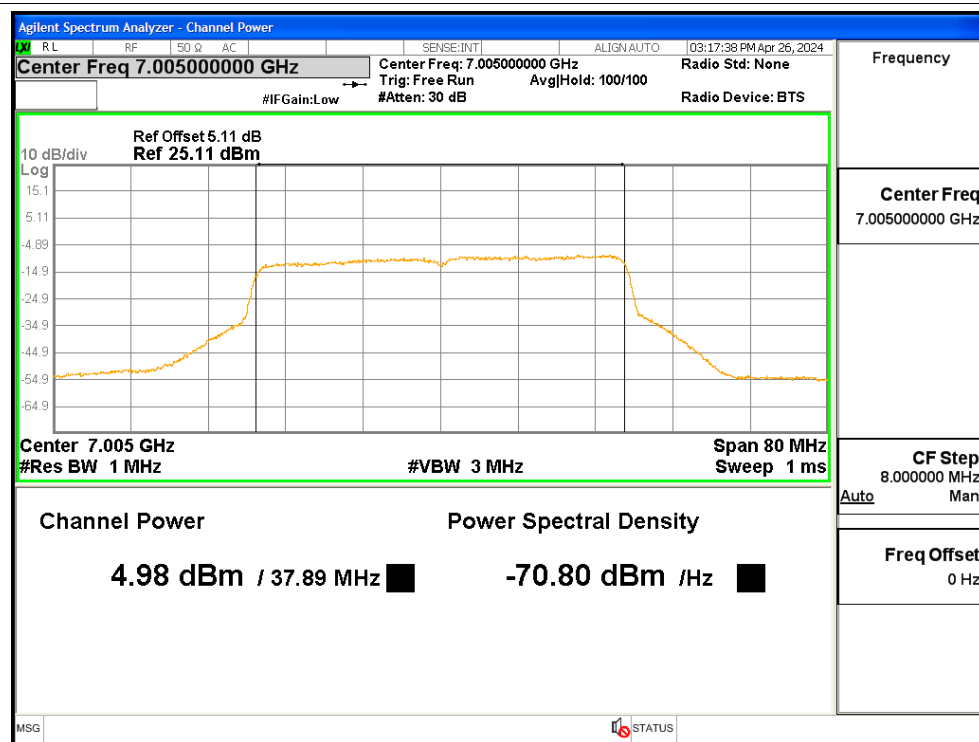
Power NVNT ax40 6925MHz Ant2



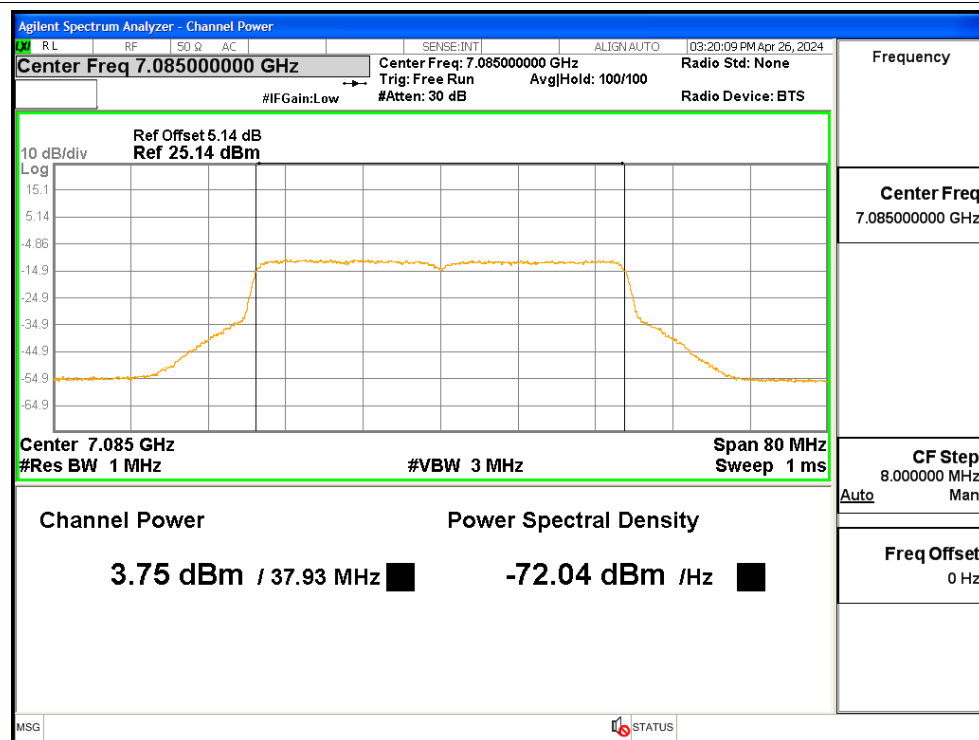
Power NVNT ax40 7005MHz Ant1



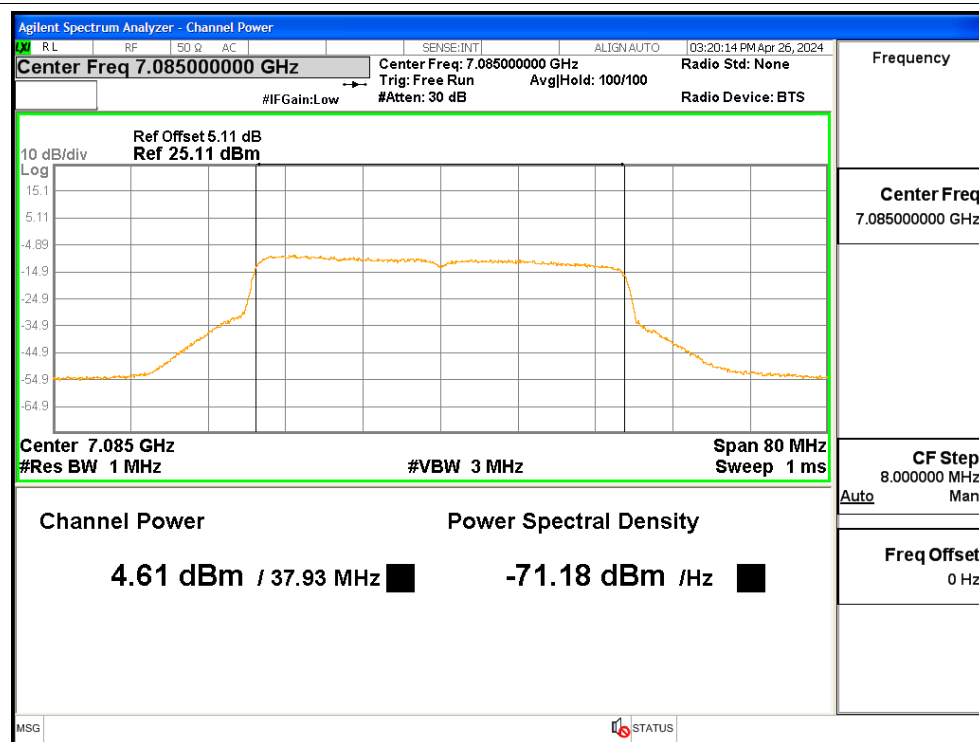
Power NVNT ax40 7005MHz Ant2



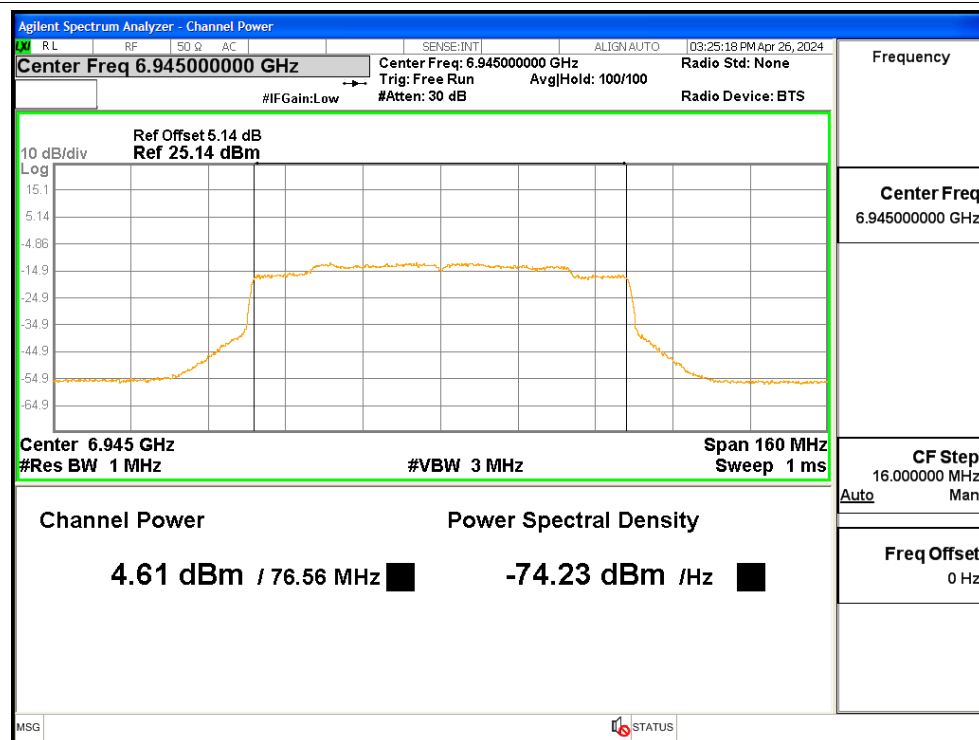
Power NVNT ax40 7085MHz Ant1



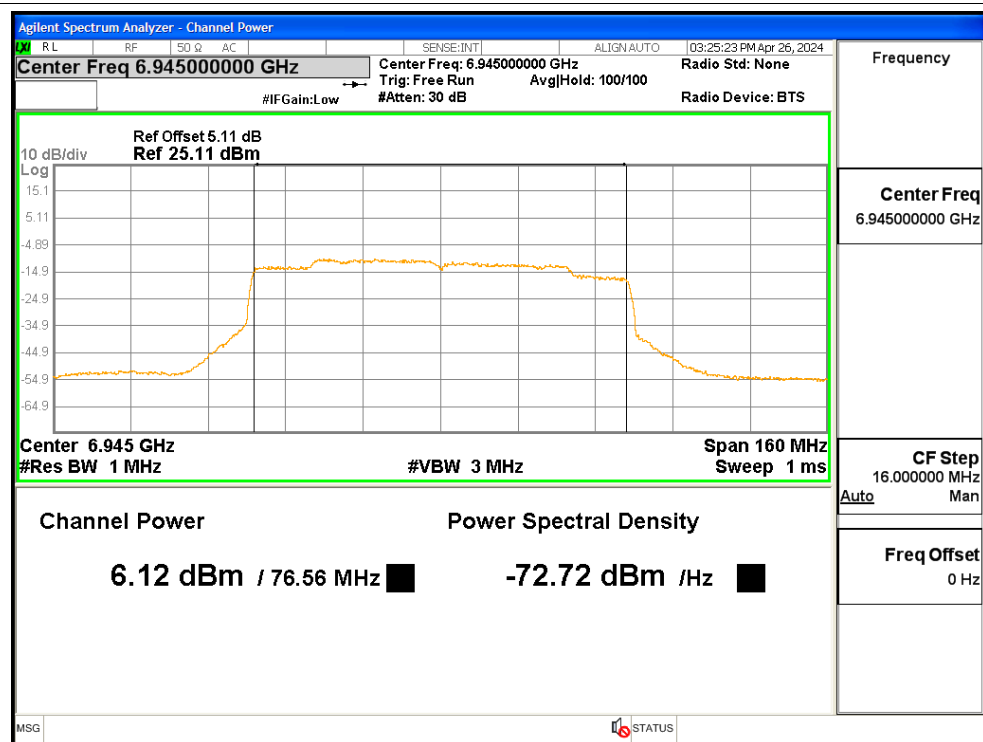
Power NVNT ax40 7085MHz Ant2



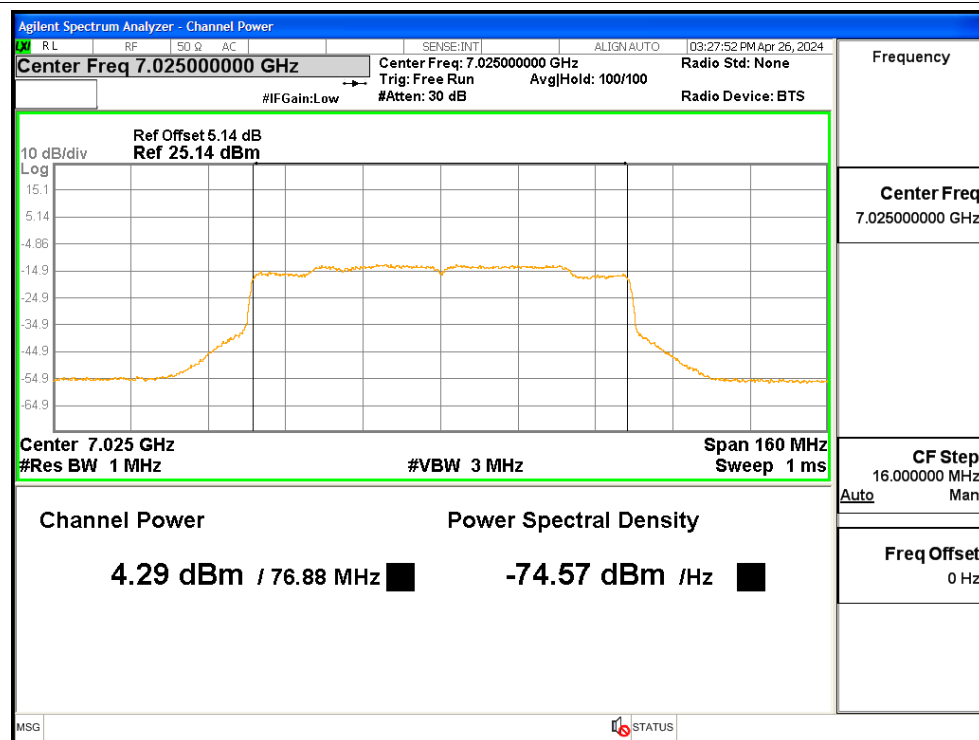
Power NVNT ax80 6945MHz Ant1



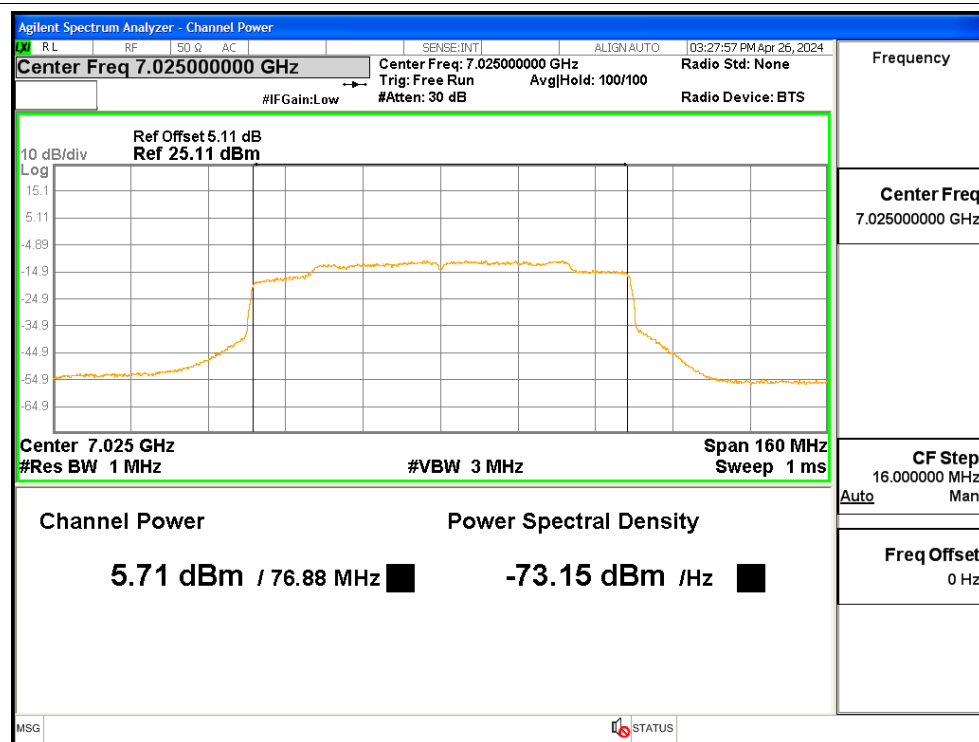
Power NVNT ax80 6945MHz Ant2



Power NVNT ax80 7025MHz Ant1



Power NVNT ax80 7025MHz Ant2

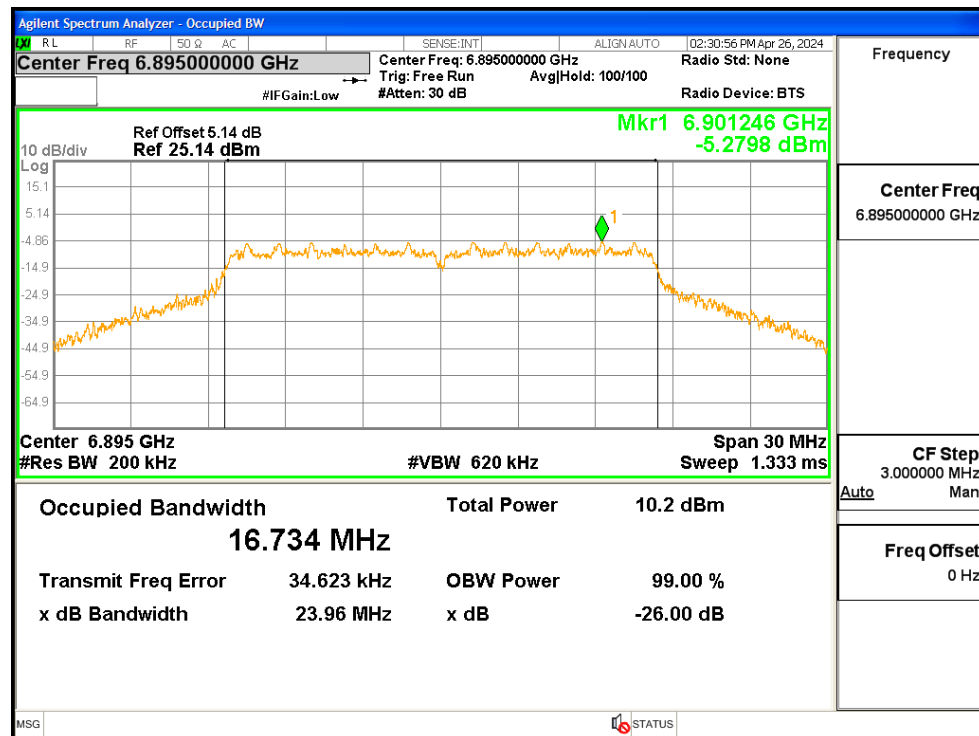


3. 26dB& 99%Occupied Bandwidth

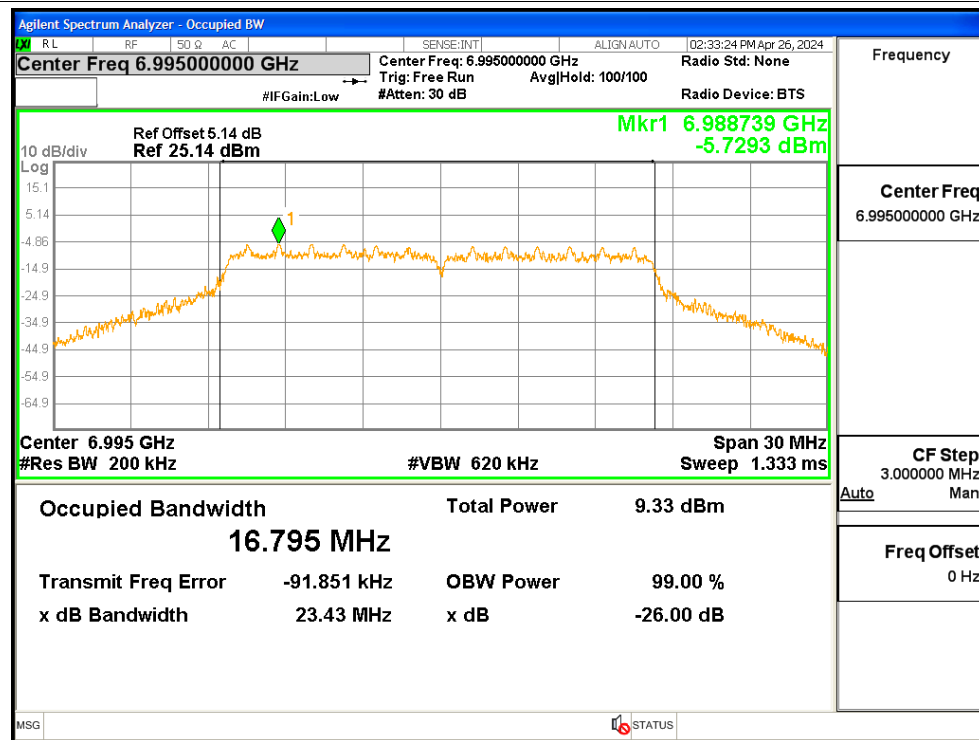
Condition	Mode	Frequency (MHz)	Antenna	26dB Bandwidth (MHz)	99% OBW (MHz)
NVNT	a	6895	Ant1	23.96	16.734
NVNT	a	6995	Ant1	23.43	16.795
NVNT	a	7115	Ant1	23.66	16.716
NVNT	a	6895	Ant2	24.03	16.776
NVNT	a	6995	Ant2	25.23	16.771
NVNT	a	7115	Ant2	23.28	16.71
NVNT	ax160	6985	Ant1	161.9	153.822
NVNT	ax160	6985	Ant2	162.4	153.438
NVNT	ax20	6895	Ant1	23.91	18.966
NVNT	ax20	6895	Ant2	24.67	18.989
NVNT	ax20	6995	Ant1	23.71	18.978
NVNT	ax20	6995	Ant2	24.79	18.977
NVNT	ax20	7115	Ant1	23.68	18.985
NVNT	ax20	7115	Ant2	24.69	18.973
NVNT	ax40	6925	Ant1	44.61	37.779
NVNT	ax40	6925	Ant2	43.41	37.825
NVNT	ax40	7005	Ant1	43.51	37.889
NVNT	ax40	7005	Ant2	43.31	37.762
NVNT	ax40	7085	Ant1	43.50	37.928
NVNT	ax40	7085	Ant2	42.66	37.776
NVNT	ax80	6945	Ant1	81.63	76.557
NVNT	ax80	6945	Ant2	81.65	76.106
NVNT	ax80	7025	Ant1	83.14	76.881
NVNT	ax80	7025	Ant2	81.38	76.042

Test Graphs

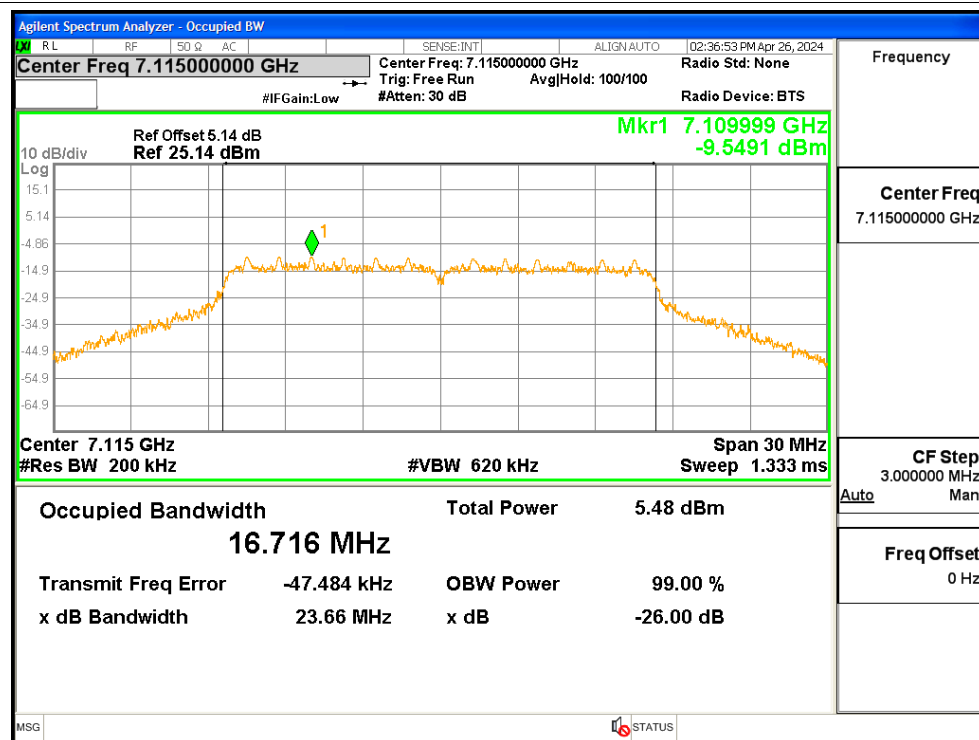
OBW NVNT a 6895MHz Ant1



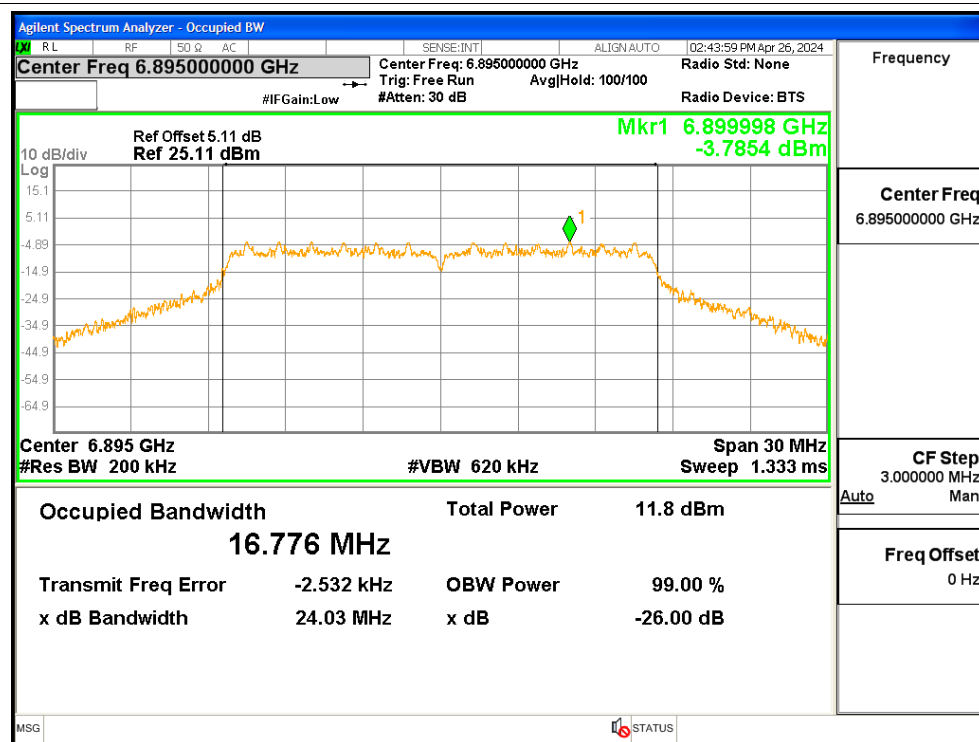
OBW NVNT a 6995MHz Ant1



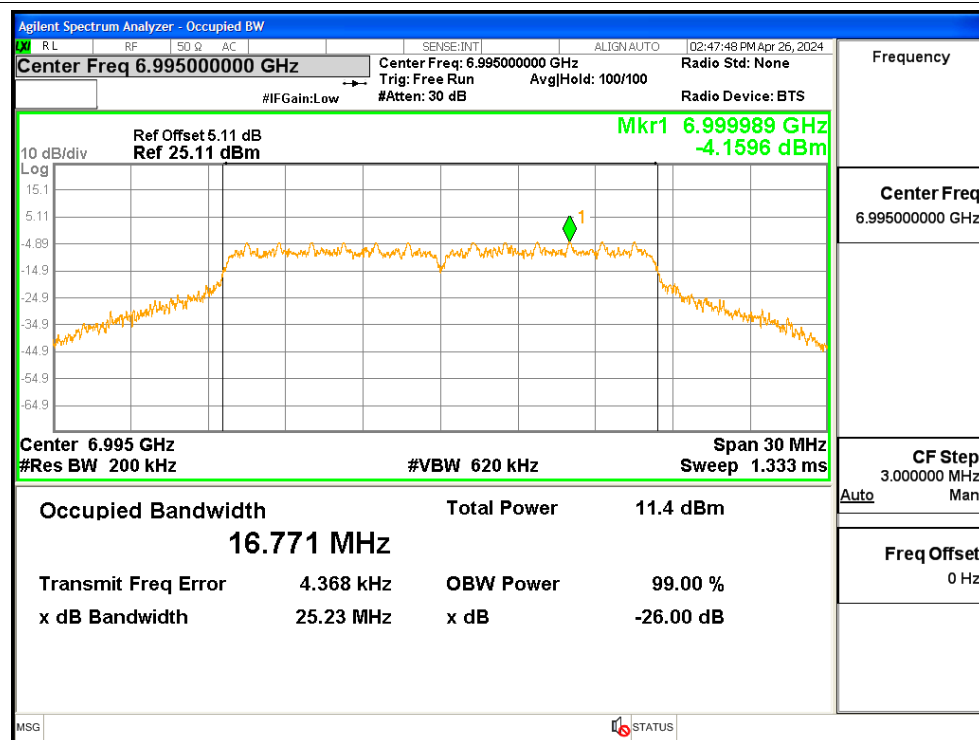
OBW NVNT a 7115MHz Ant1



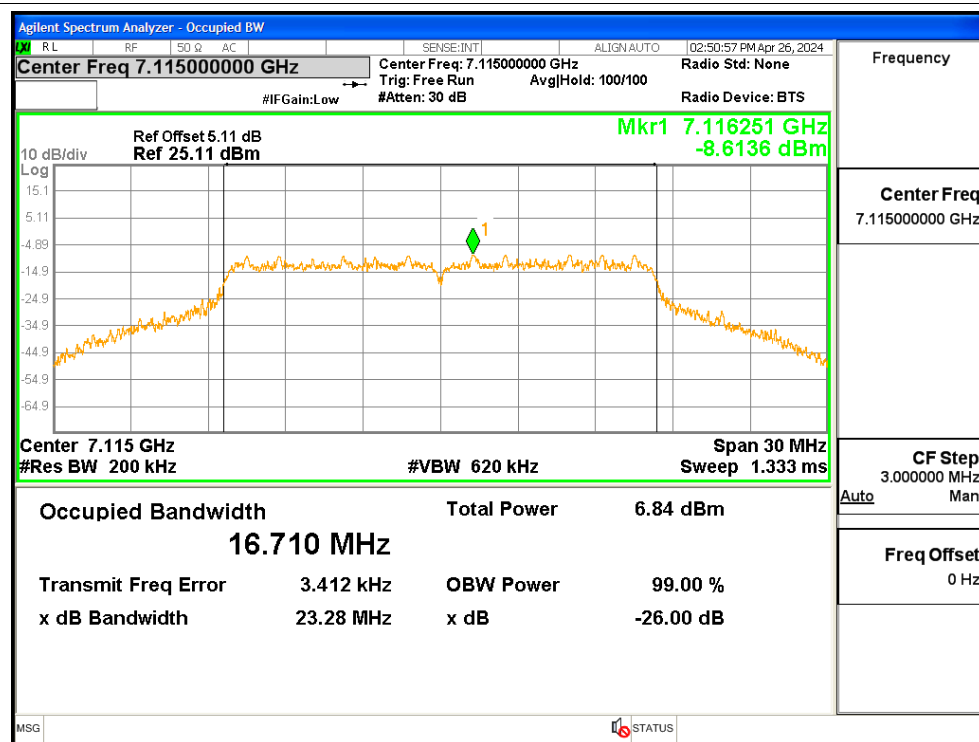
OBW NVNT a 6895MHz Ant2



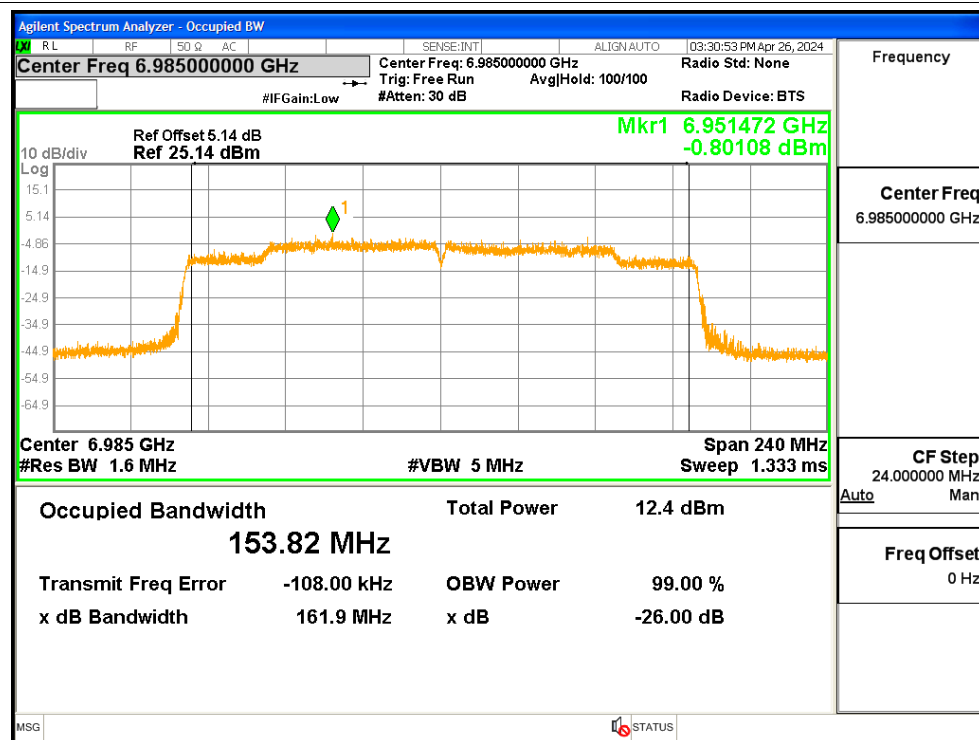
OBW NVNT a 6995MHz Ant2



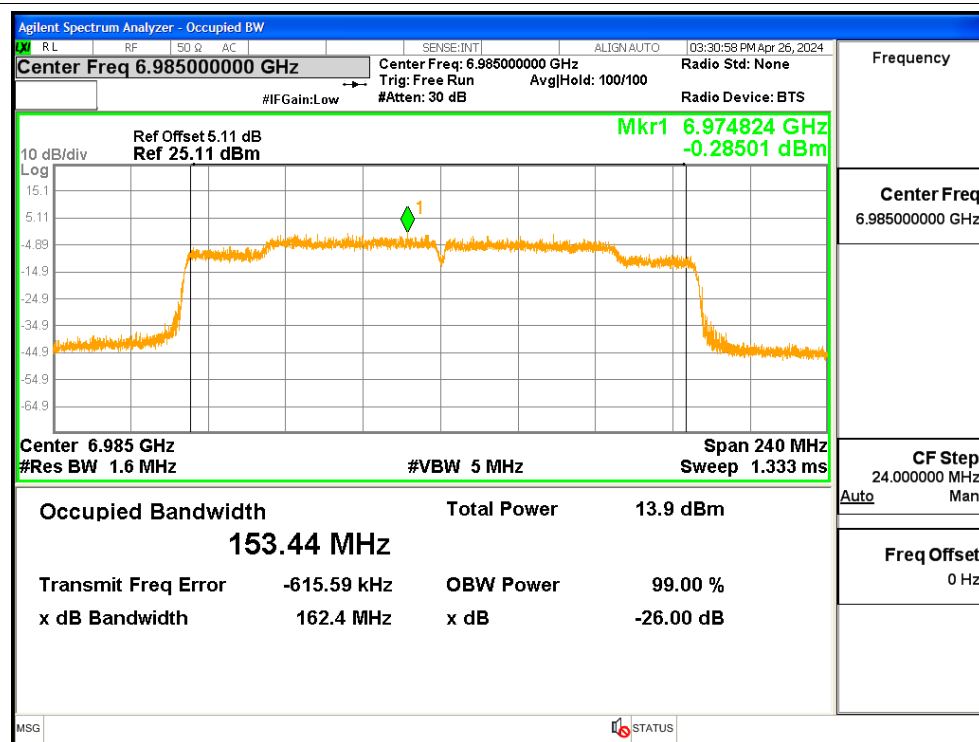
OBW NVNT a 7115MHz Ant2



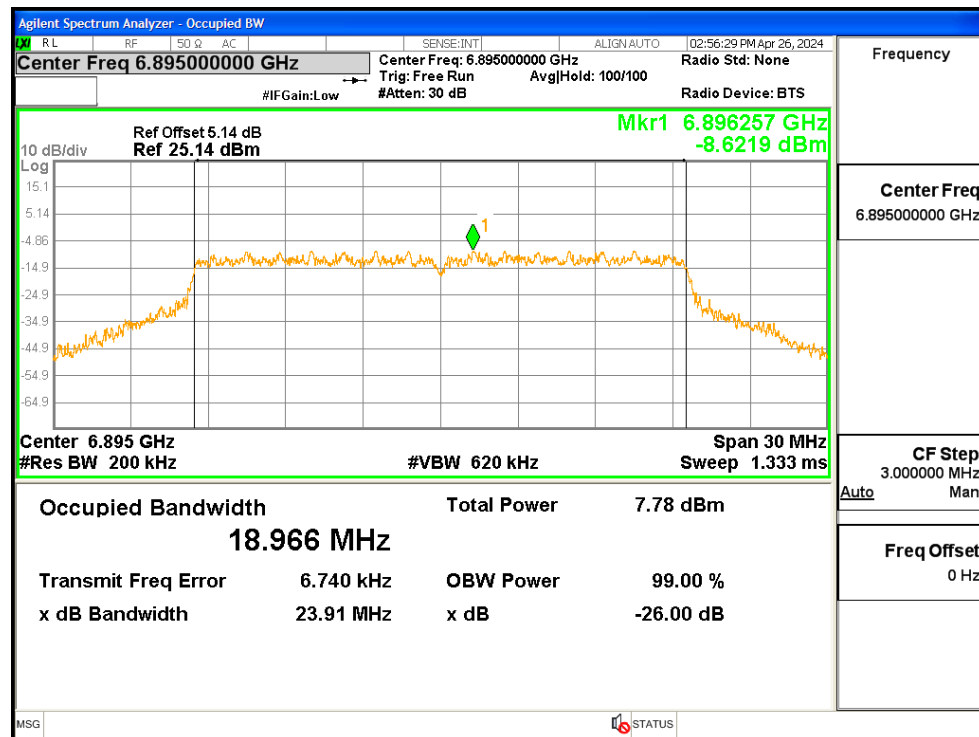
OBW NVNT ax160 6985MHz Ant1



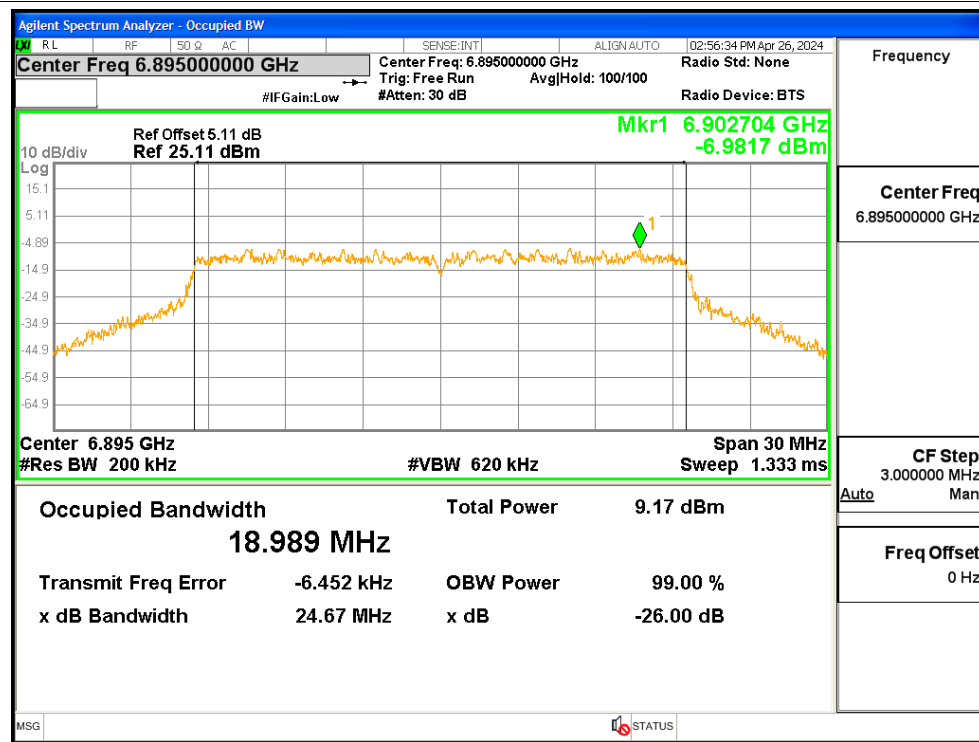
OBW NVNT ax160 6985MHz Ant2



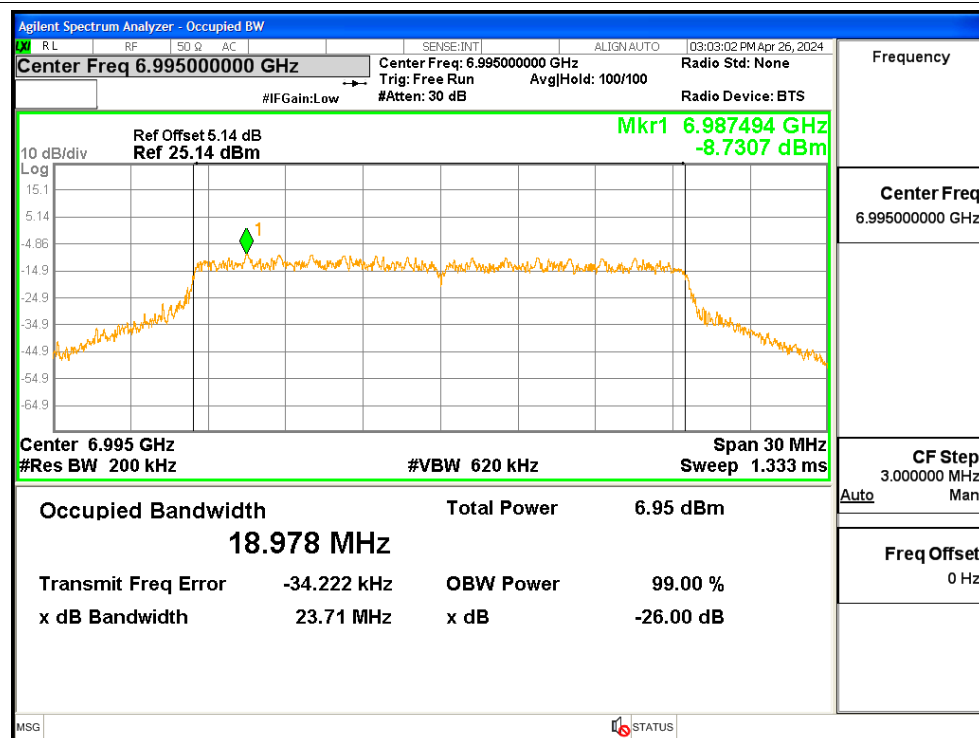
OBW NVNT ax20 6895MHz Ant1



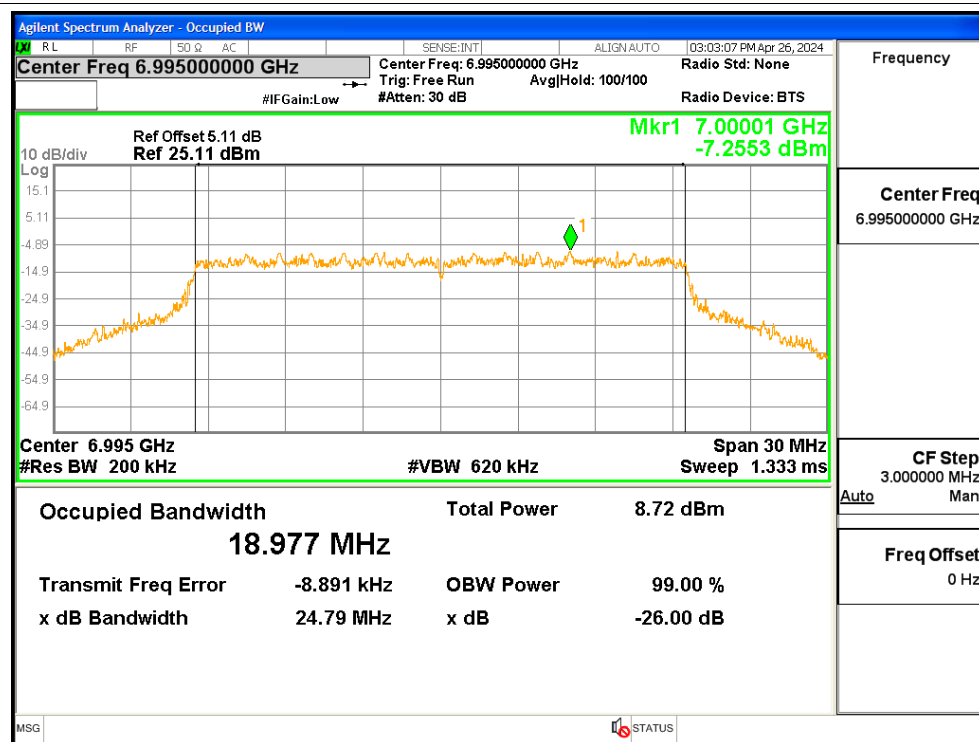
OBW NVNT ax20 6895MHz Ant2



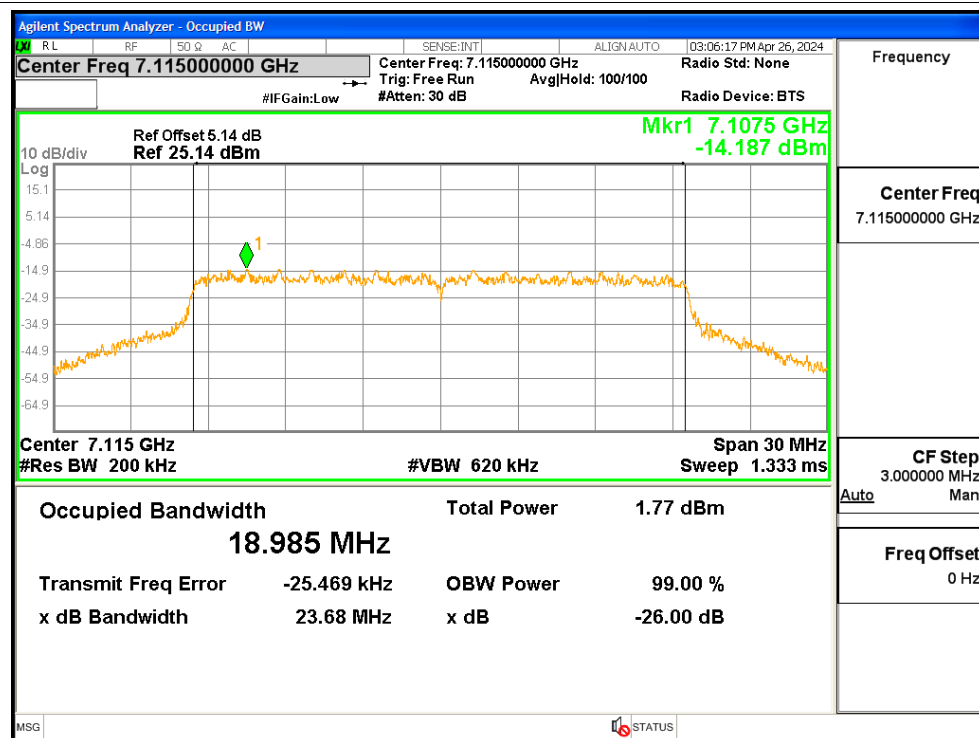
OBW NVNT ax20 6995MHz Ant1



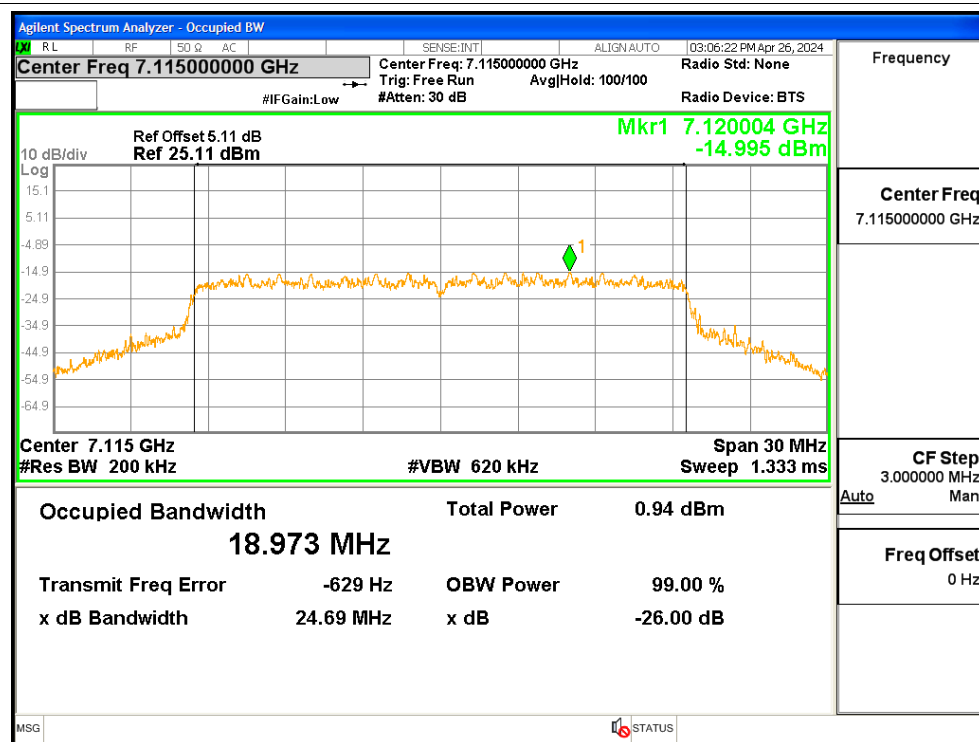
OBW NVNT ax20 6995MHz Ant2



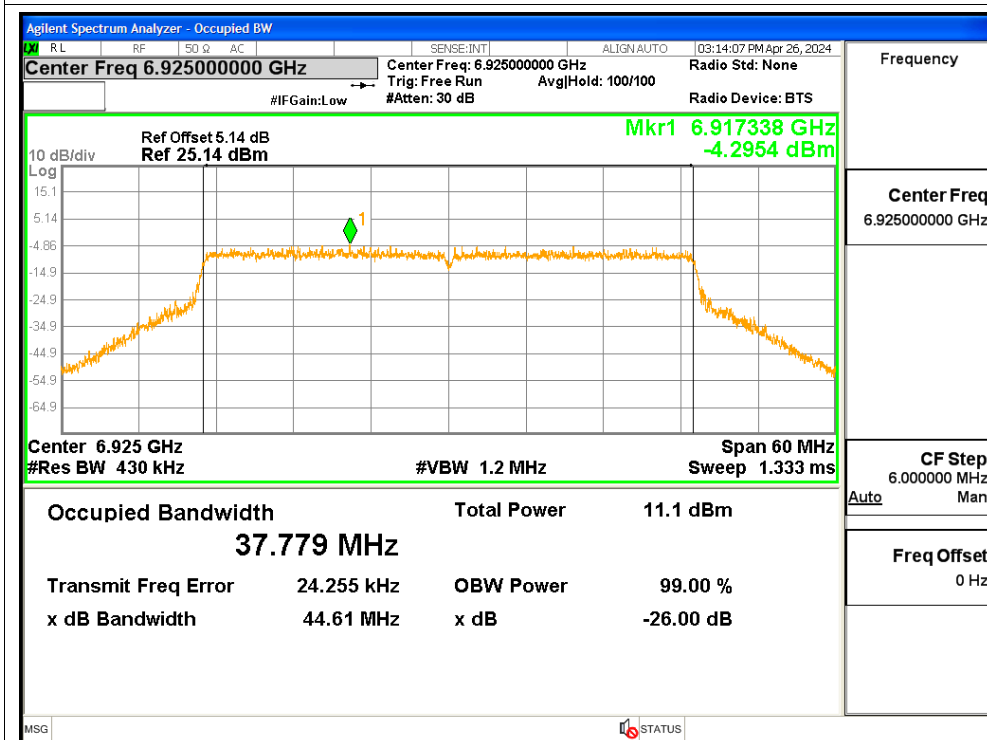
OBW NVNT ax20 7115MHz Ant1



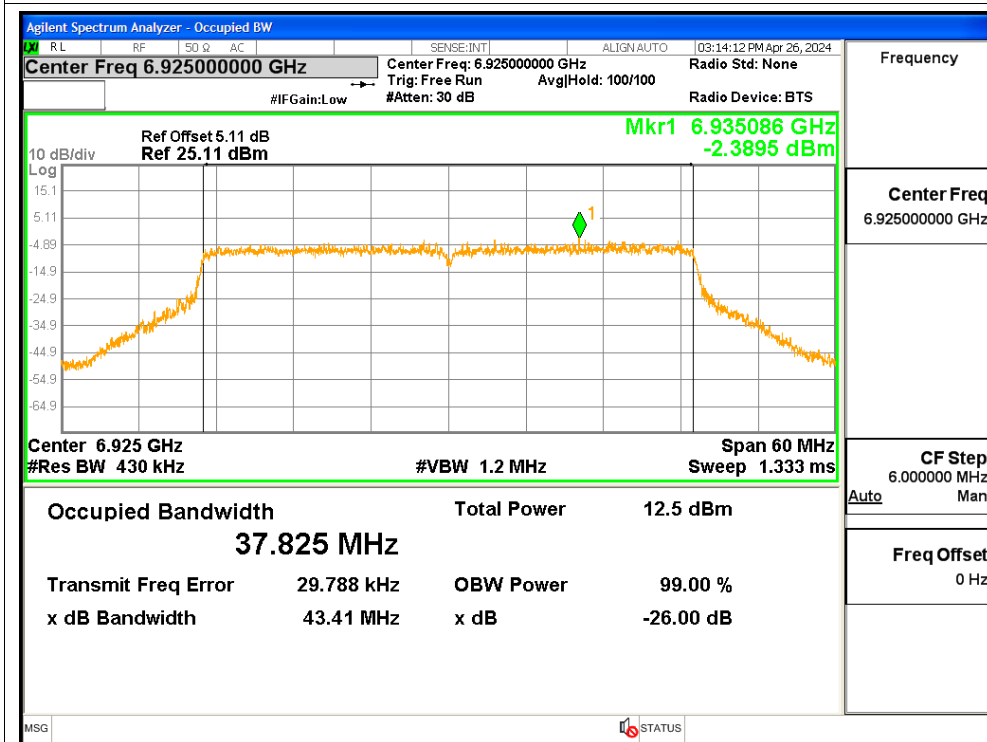
OBW NVNT ax20 7115MHz Ant2



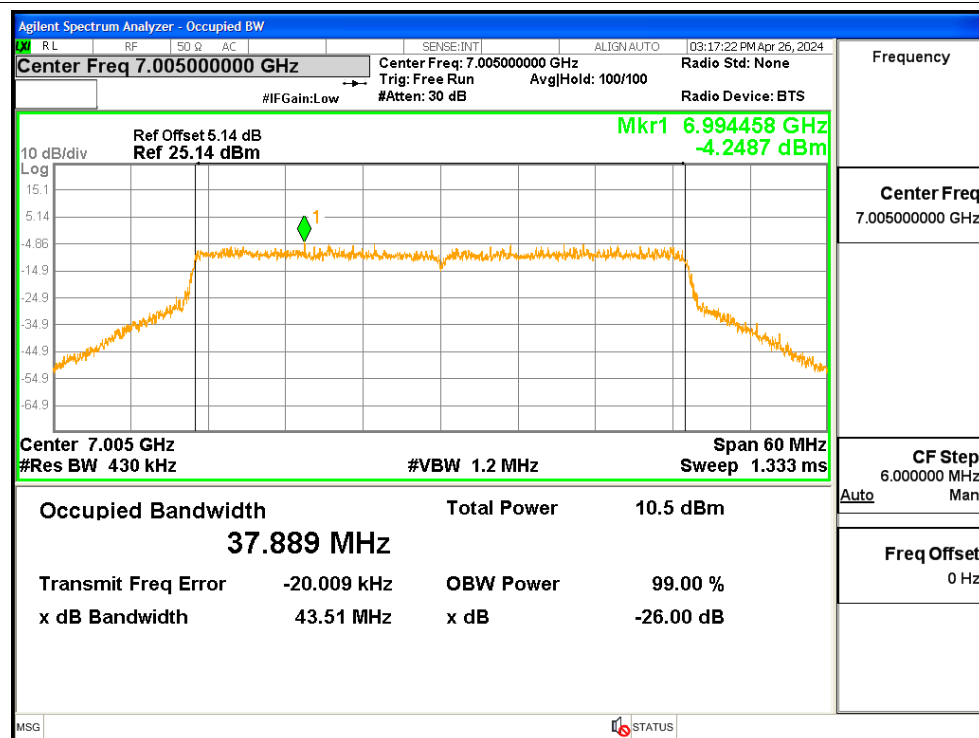
OBW NVNT ax40 6925MHz Ant1



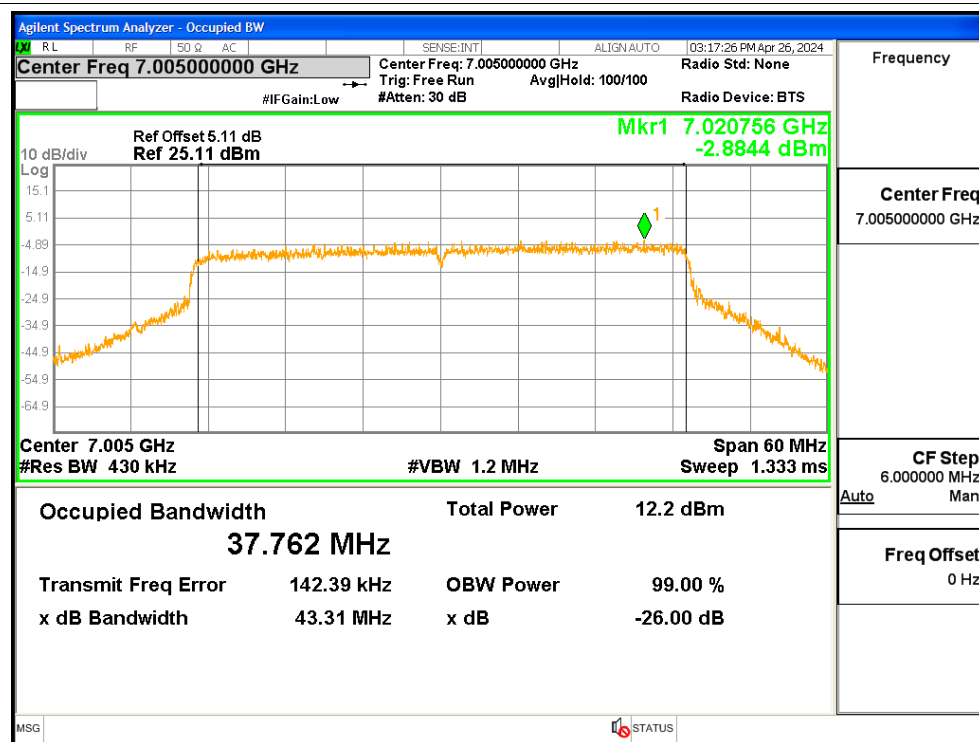
OBW NVNT ax40 6925MHz Ant2



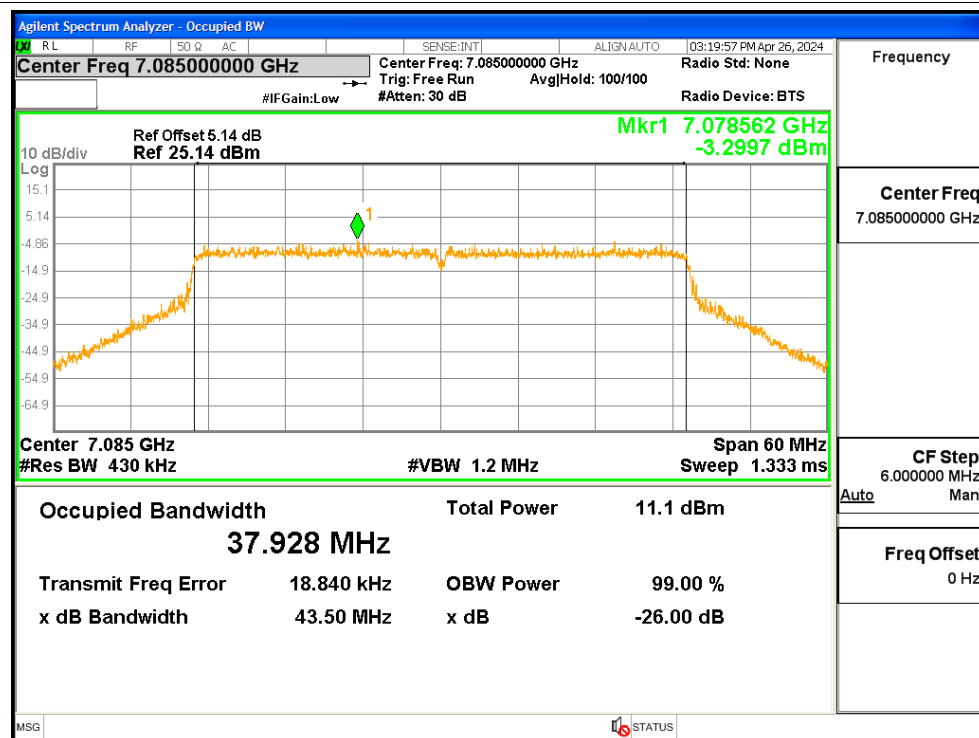
OBW NVNT ax40 7005MHz Ant1



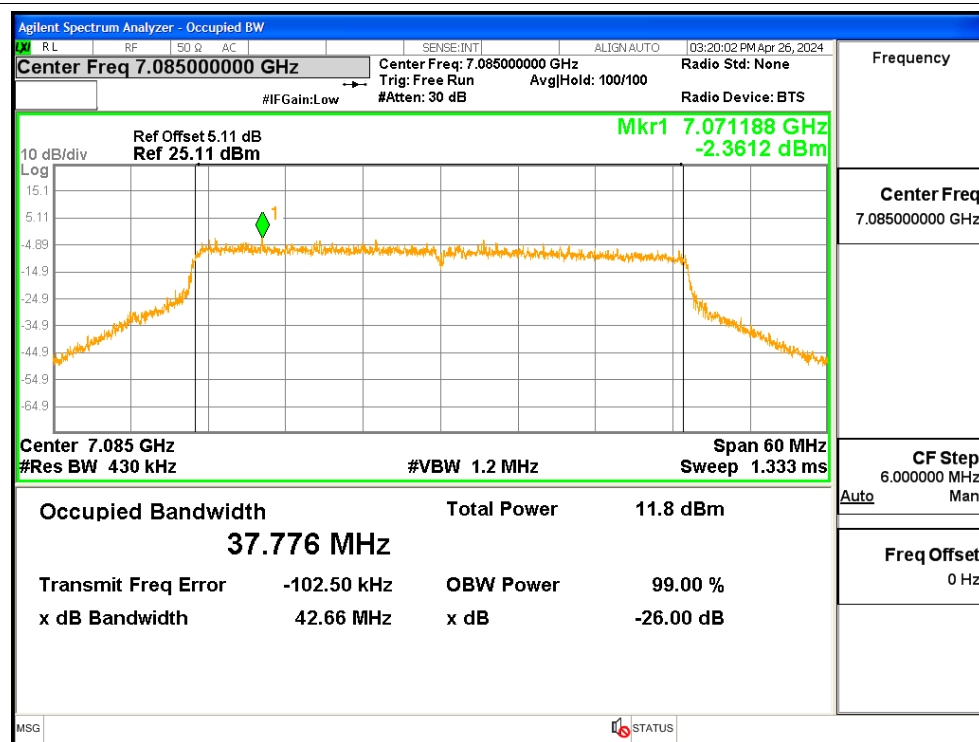
OBW NVNT ax40 7005MHz Ant2



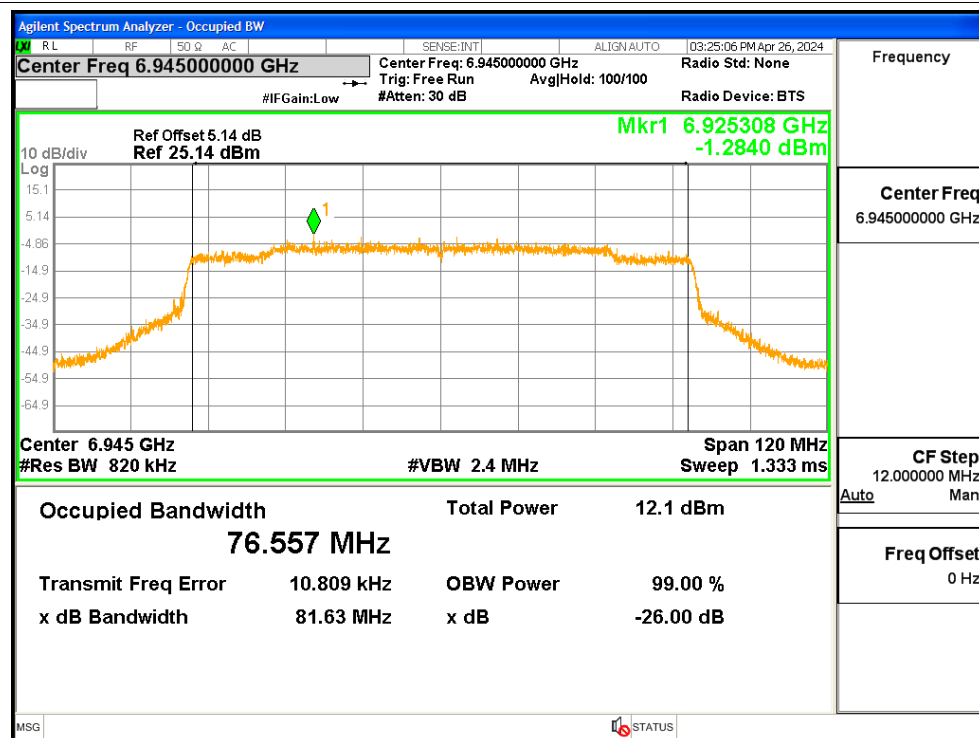
OBW NVNT ax40 7085MHz Ant1



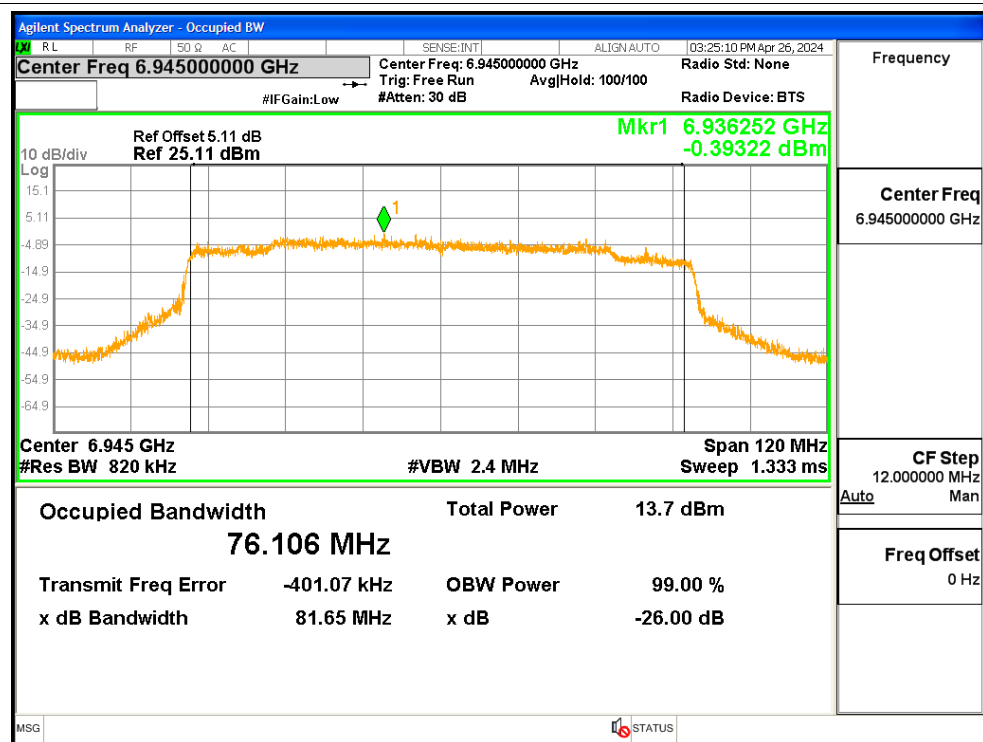
OBW NVNT ax40 7085MHz Ant2



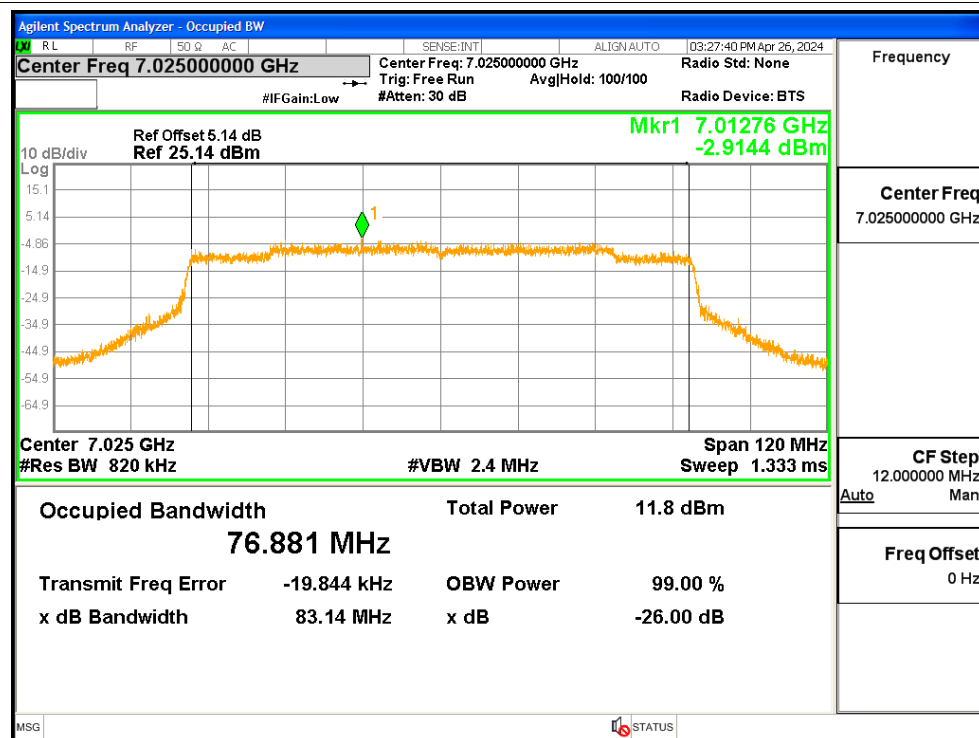
OBW NVNT ax80 6945MHz Ant1



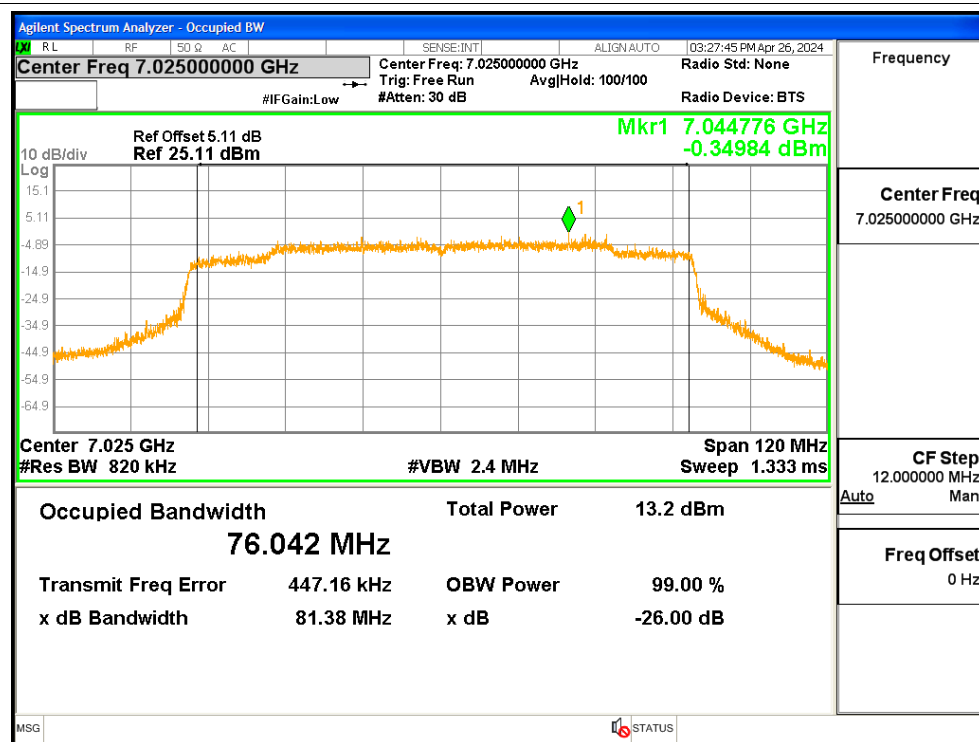
OBW NVNT ax80 6945MHz Ant2



OBW NVNT ax80 7025MHz Ant1



OBW NVNT ax80 7025MHz Ant2

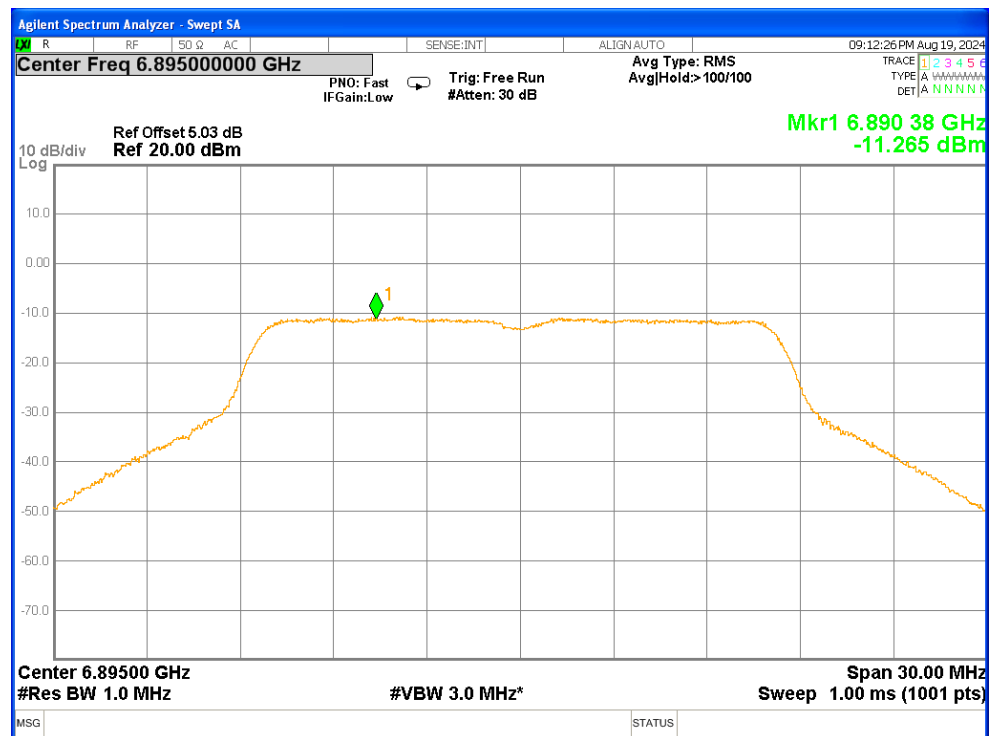


4. Maximum Power Spectral Density Level

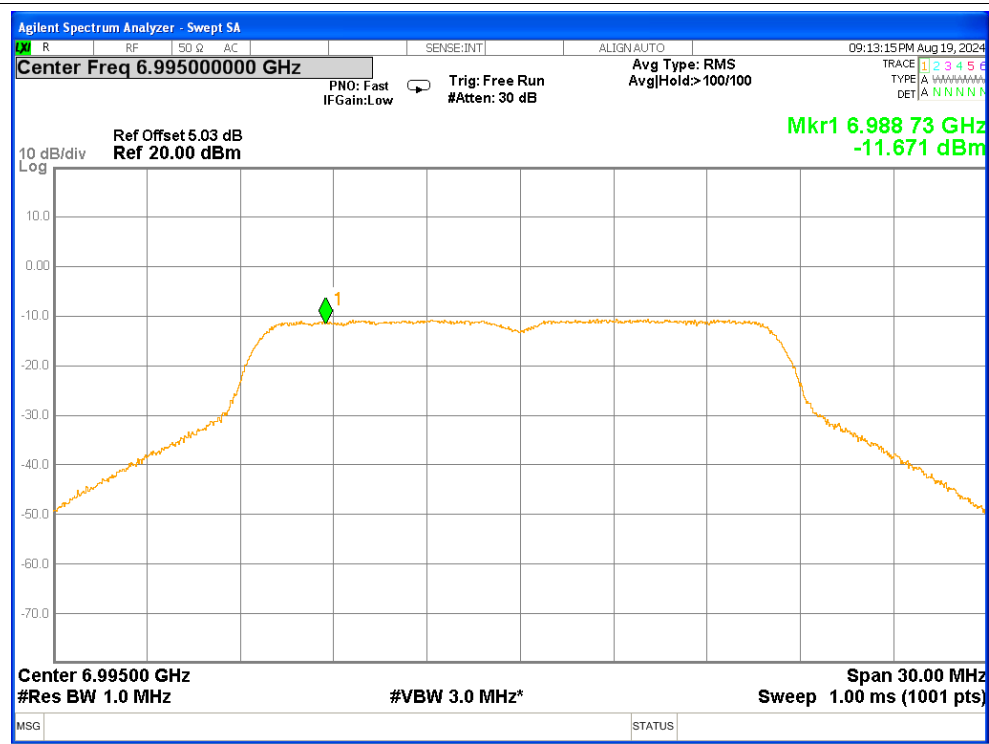
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Gain (dBi)	eirp PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	6895.00	Ant1	-11.27	1.21	-10.06	4.94	-5.12	-1.00	Pass
NVNT	a	6995.00	Ant1	-11.67	1.21	-10.46	4.94	-5.52	-1.00	Pass
NVNT	a	7115.00	Ant1	-10.53	1.21	-9.32	4.94	-4.38	-1.00	Pass
NVNT	a	6895.00	Ant2	-9.73	1.21	-8.52	4.48	-4.04	-1.00	Pass
NVNT	a	6995.00	Ant2	-9.17	1.21	-7.96	4.48	-3.48	-1.00	Pass
NVNT	a	7115.00	Ant2	-11.73	1.22	-10.51	4.48	-6.03	-1.00	Pass
NVNT	ax160	6985.00	Ant1	-16.93	0.74	-16.19	4.94	-11.25	-1.00	Pass
NVNT	ax160	6985.00	Ant2	-16.93	0.74	-16.19	4.48	-11.71	-1.00	Pass
NVNT	ax160	6985.00	Sum	-	-	-	-	-8.46	-1.00	Pass
NVNT	ax20	6895.00	Ant1	-12.22	0.75	-11.47	4.94	-6.53	-1.00	Pass
NVNT	ax20	6895.00	Ant2	-12.32	0.75	-11.57	4.48	-7.09	-1.00	Pass
NVNT	ax20	6895.00	Sum	-	-	-	-	-3.79	-1.00	Pass
NVNT	ax20	6995.00	Ant1	-11.35	0.76	-10.59	4.94	-5.65	-1.00	Pass
NVNT	ax20	6995.00	Ant2	-11.90	0.76	-11.14	4.48	-6.66	-1.00	Pass
NVNT	ax20	6995.00	Sum	-	-	-	-	-3.13	-1.00	Pass
NVNT	ax20	7115.00	Ant1	-17.44	0.76	-16.68	4.94	-11.74	-1.00	Pass
NVNT	ax20	7115.00	Ant2	-16.31	0.76	-15.55	4.48	-11.07	-1.00	Pass
NVNT	ax20	7115.00	Sum	-	-	-	-	-8.38	-1.00	Pass
NVNT	ax40	6925.00	Ant1	-12.67	0.74	-11.93	4.94	-6.99	-1.00	Pass
NVNT	ax40	6925.00	Ant2	-13.04	0.74	-12.30	4.48	-7.82	-1.00	Pass
NVNT	ax40	6925.00	Sum	-	-	-	-	-4.38	-1.00	Pass
NVNT	ax40	7005.00	Ant1	-12.17	0.74	-11.43	4.94	-6.49	-1.00	Pass
NVNT	ax40	7005.00	Ant2	-12.47	0.74	-11.73	4.48	-7.25	-1.00	Pass
NVNT	ax40	7005.00	Sum	-	-	-	-	-3.85	-1.00	Pass
NVNT	ax40	7085.00	Ant1	-12.06	0.74	-11.32	4.94	-6.38	-1.00	Pass
NVNT	ax40	7085.00	Ant2	-11.59	0.74	-10.85	4.48	-6.37	-1.00	Pass
NVNT	ax40	7085.00	Sum	-	-	-	-	-3.36	-1.00	Pass
NVNT	ax80	6945.00	Ant1	-15.02	0.73	-14.29	4.94	-9.35	-1.00	Pass
NVNT	ax80	6945.00	Ant2	-12.85	0.73	-12.12	4.48	-7.64	-1.00	Pass
NVNT	ax80	6945.00	Sum	-	-	-	-	-5.44	-1.00	Pass
NVNT	ax80	7025.00	Ant1	-14.64	0.72	-13.92	4.94	-8.98	-1.00	Pass
NVNT	ax80	7025.00	Ant2	-12.47	0.72	-11.75	4.48	-7.27	-1.00	Pass
NVNT	ax80	7025.00	Sum	-	-	-	-	-5.07	-1.00	Pass

Test Graphs

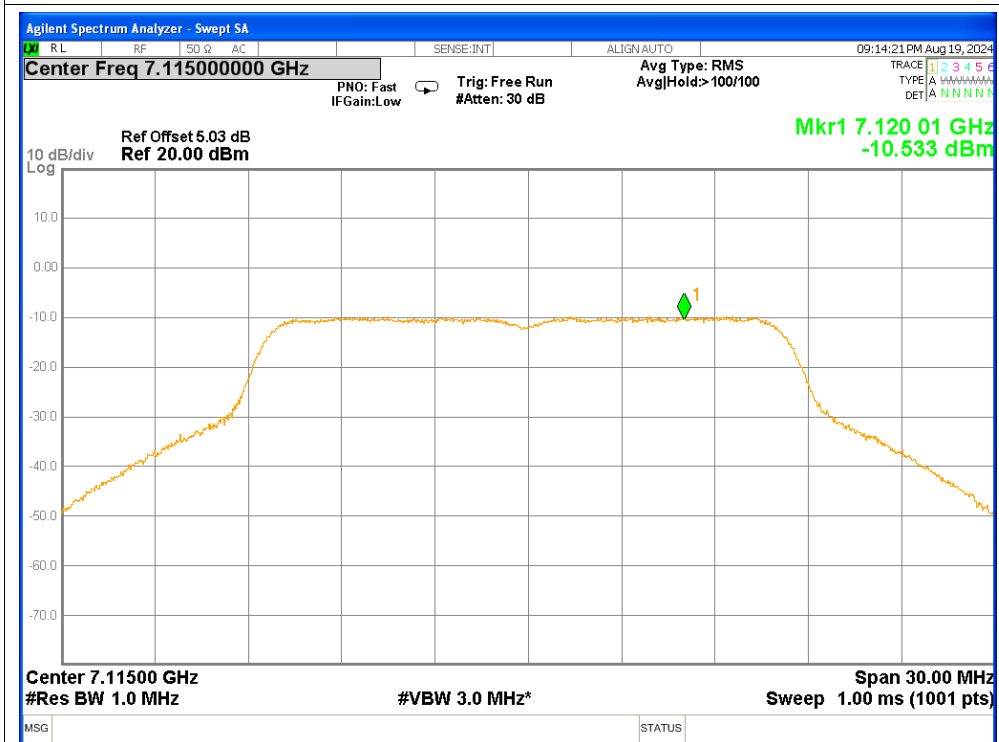
PSD NVNT a 6895MHz Ant1



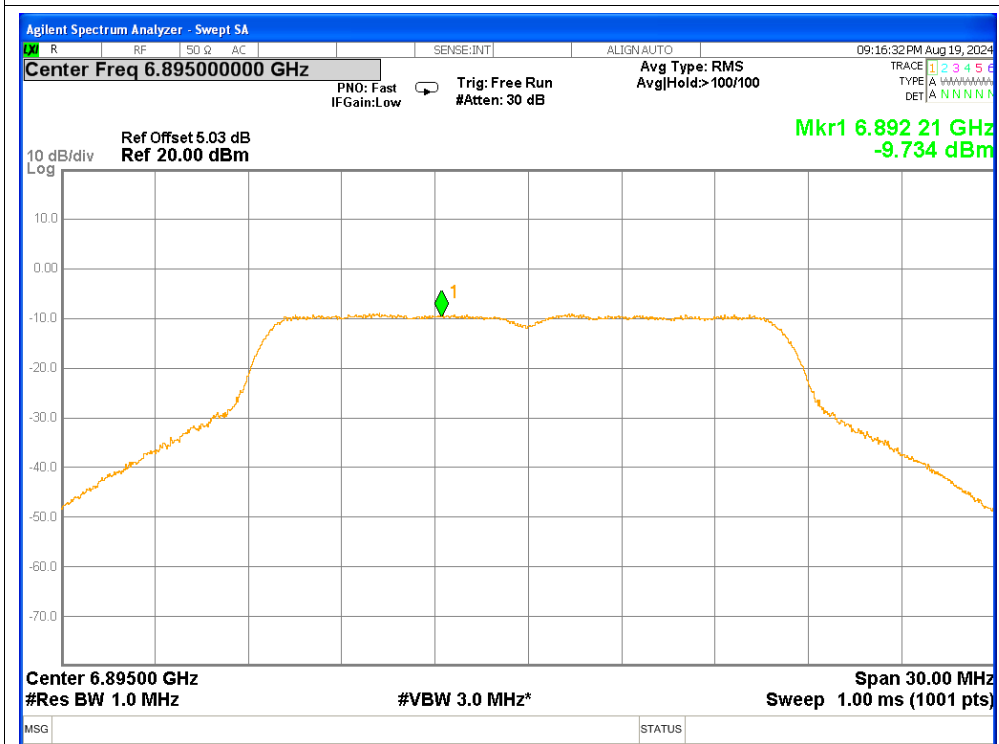
PSD NVNT a 6995MHz Ant1



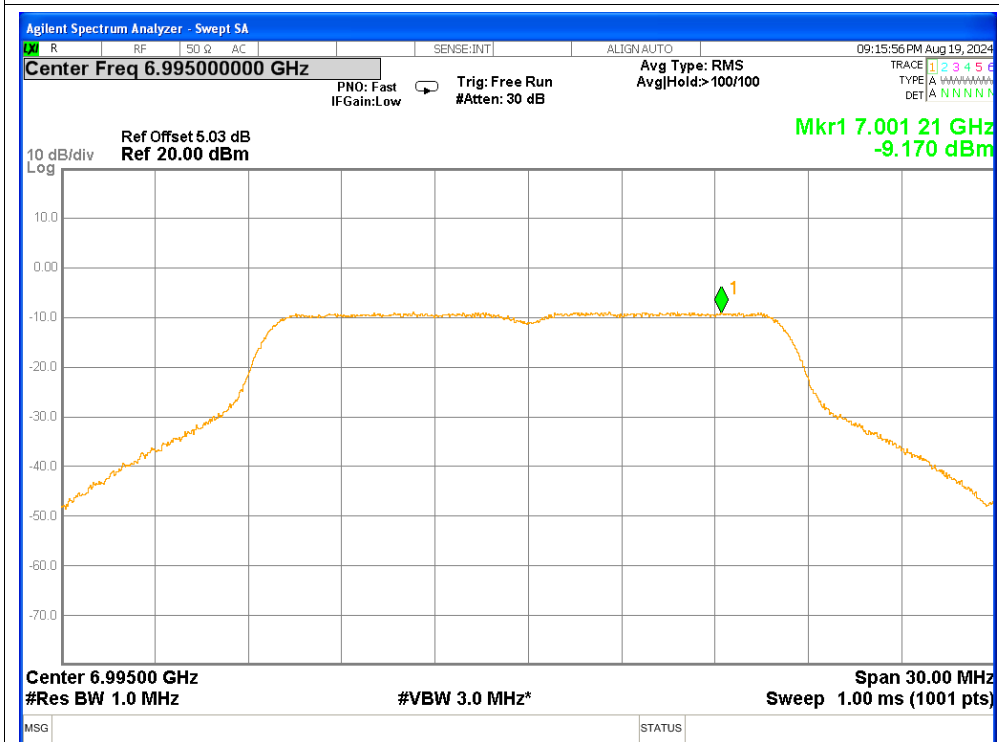
PSD NVNT a 7115MHz Ant1



PSD NVNT a 6895MHz Ant2



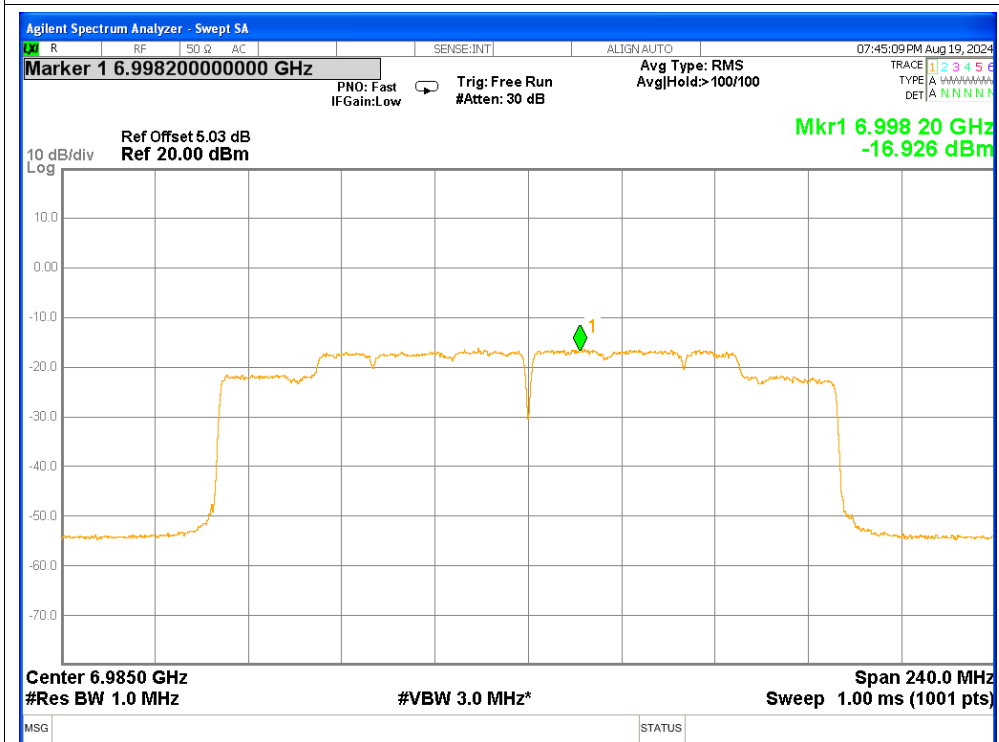
PSD NVNT a 6995MHz Ant2



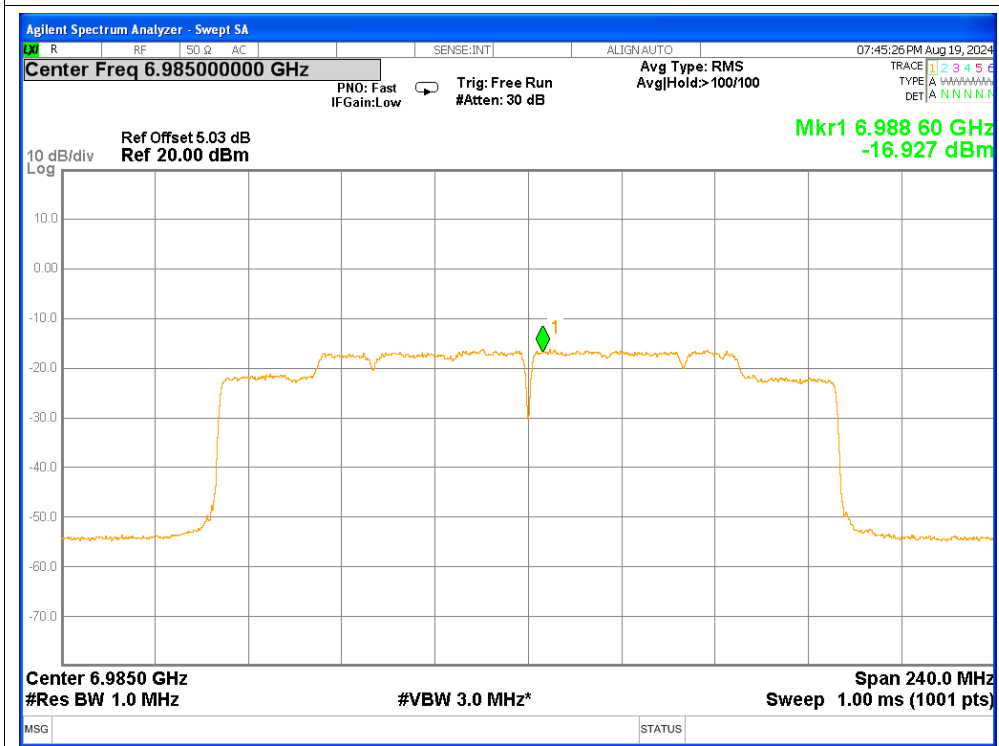
PSD NVNT a 7115MHz Ant2



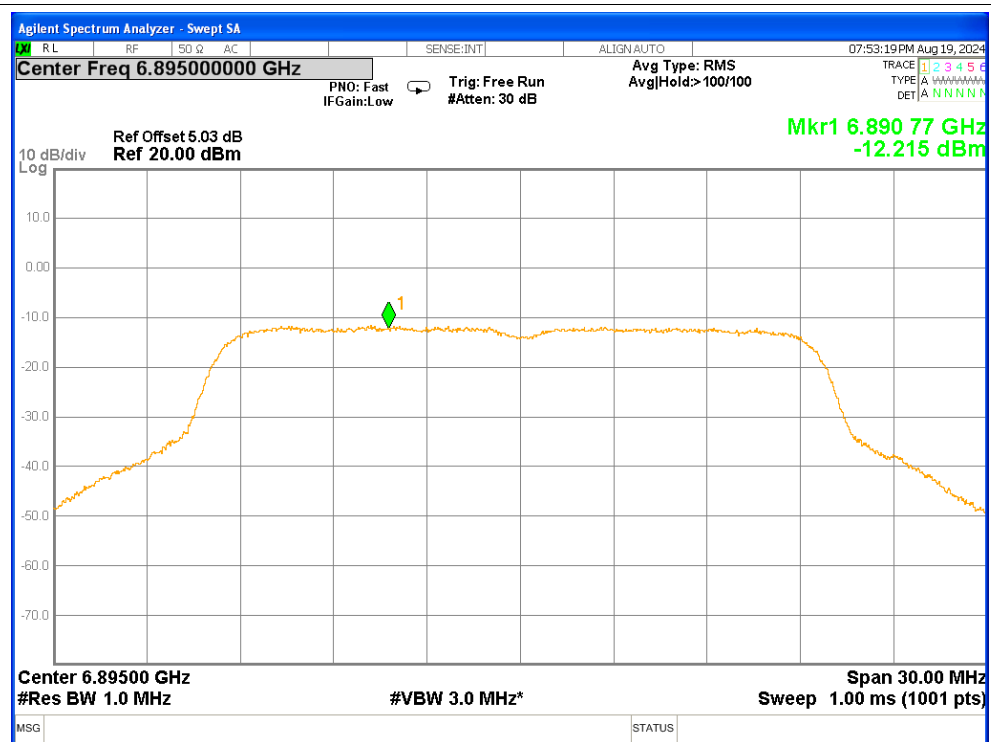
PSD NVNT ax160 6985MHz Ant1



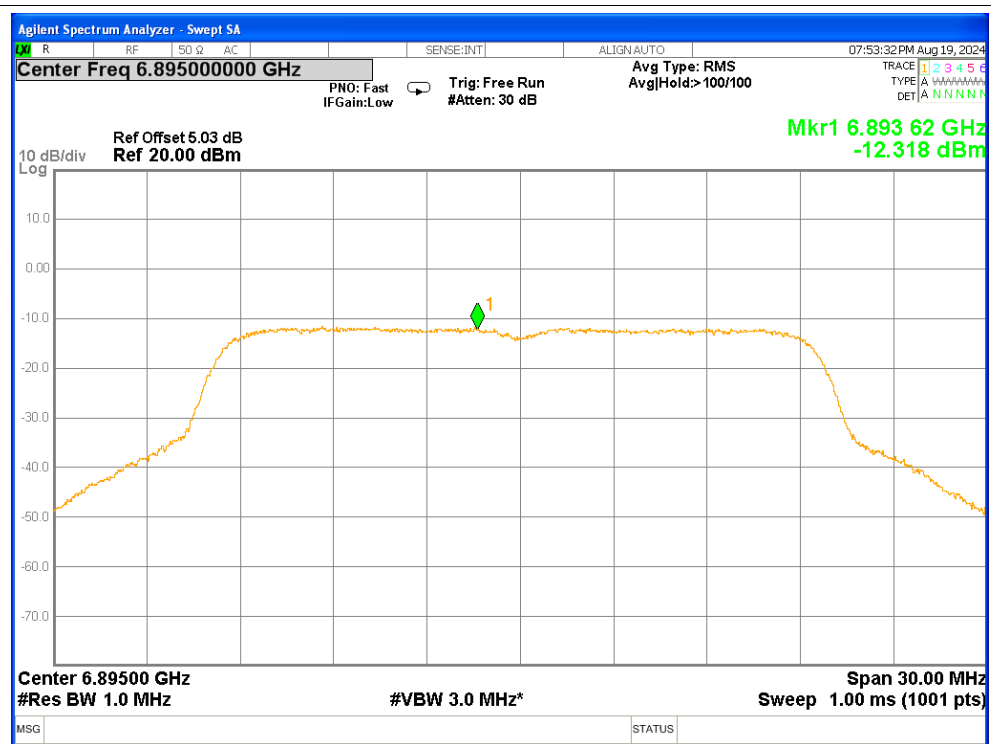
PSD NVNT ax160 6985MHz Ant2



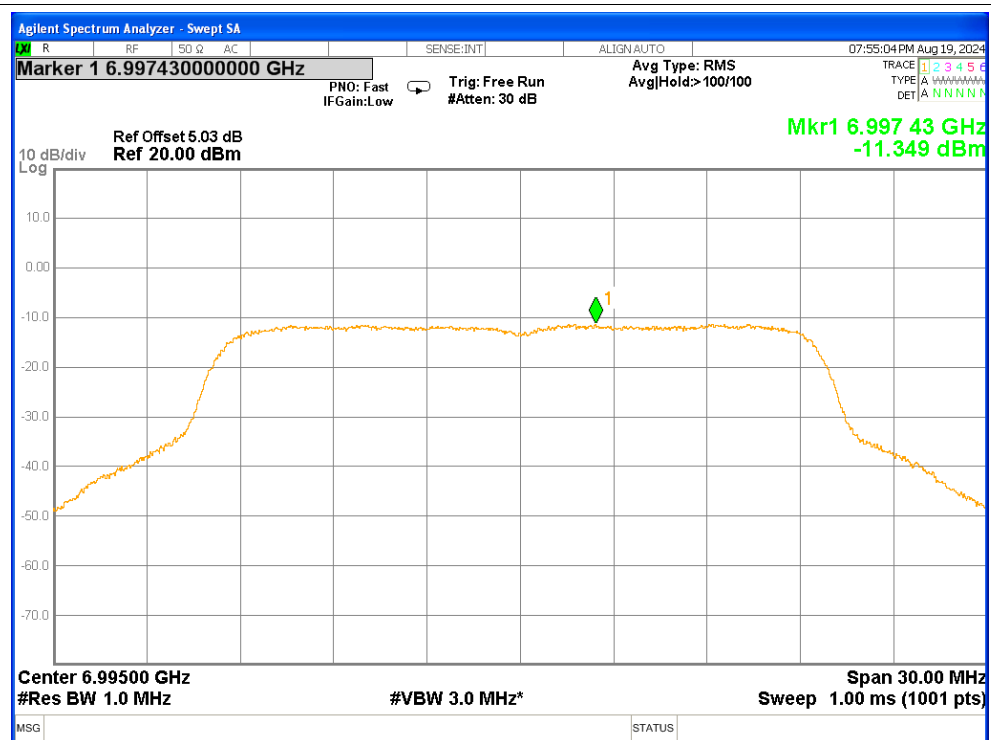
PSD NVNT ax20 6895MHz Ant1



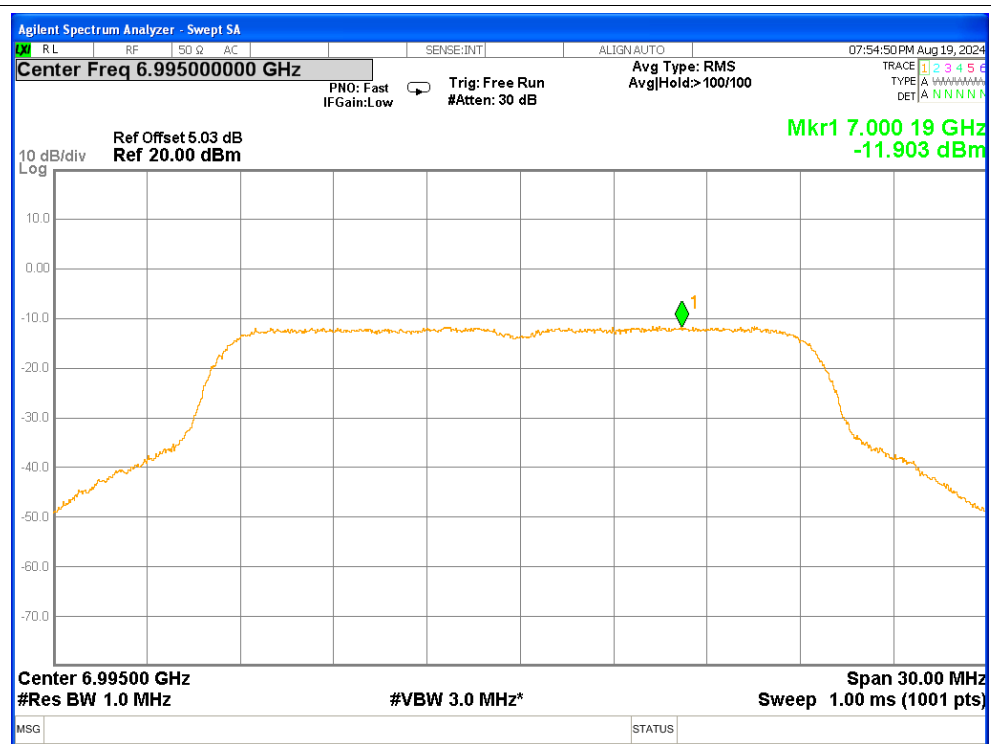
PSD NVNT ax20 6895MHz Ant2



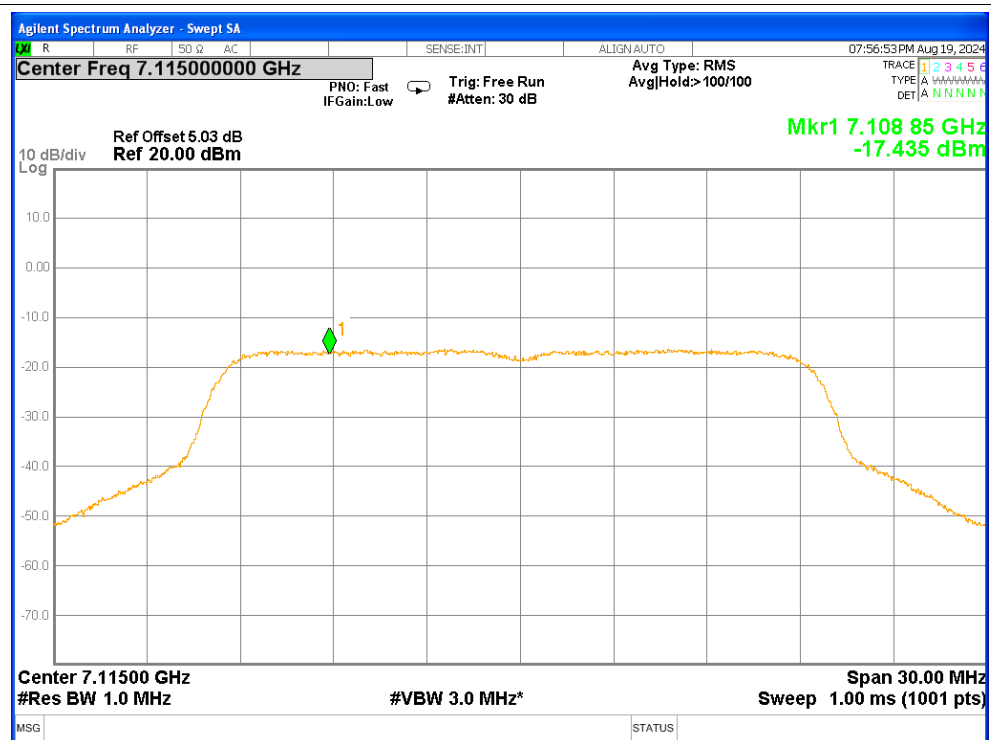
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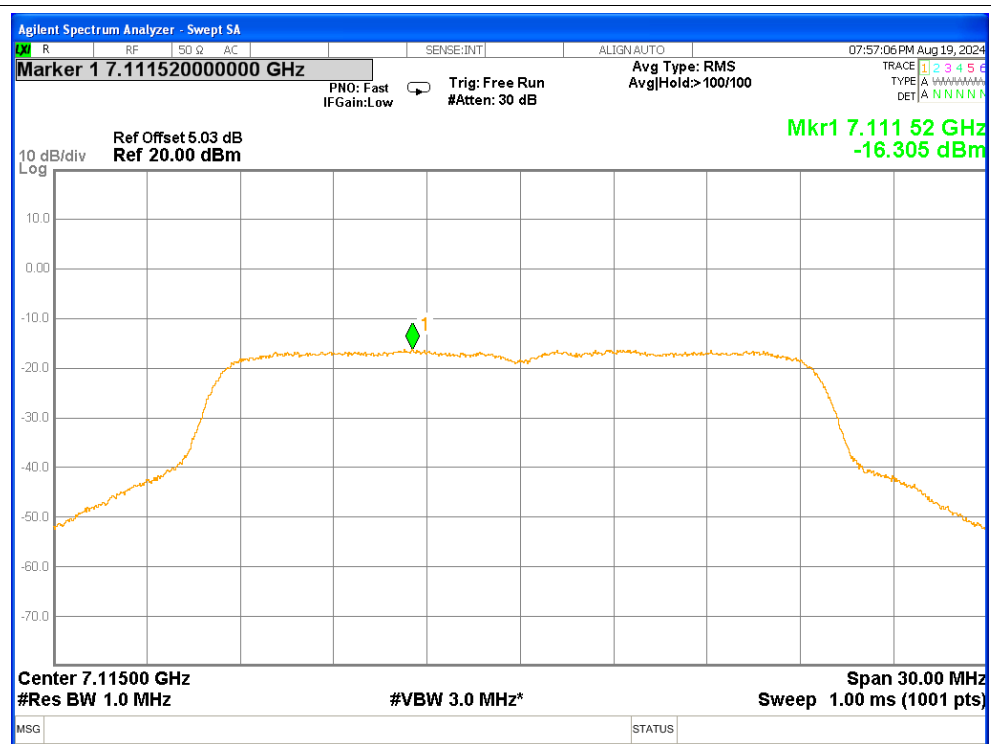
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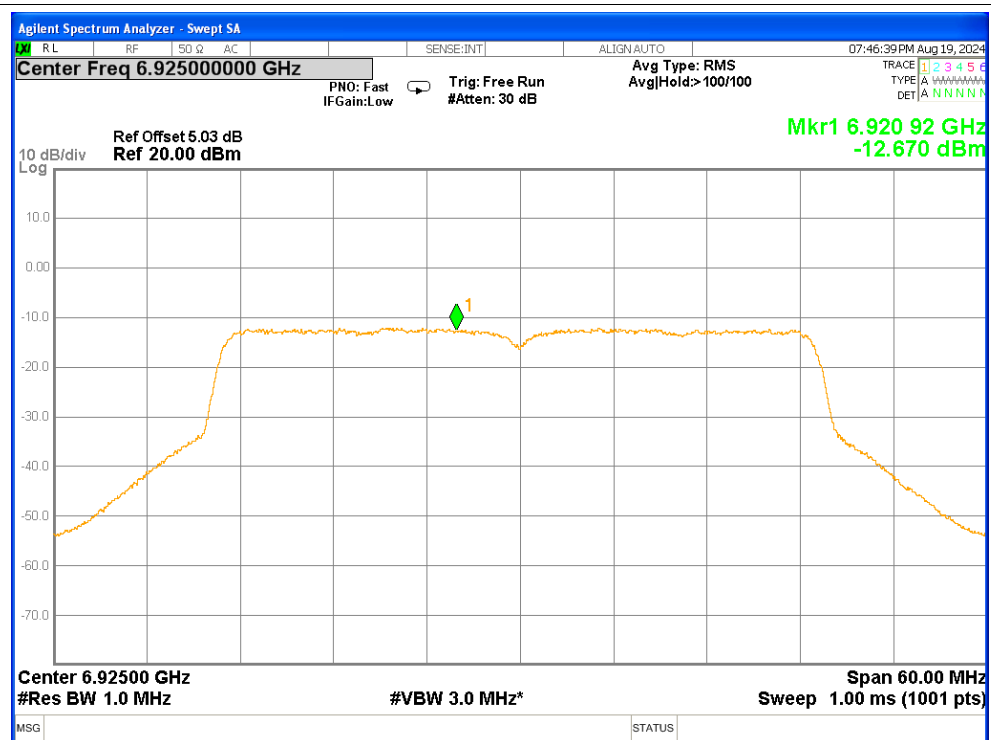
PSD NVNT ax20 7115MHz Ant1



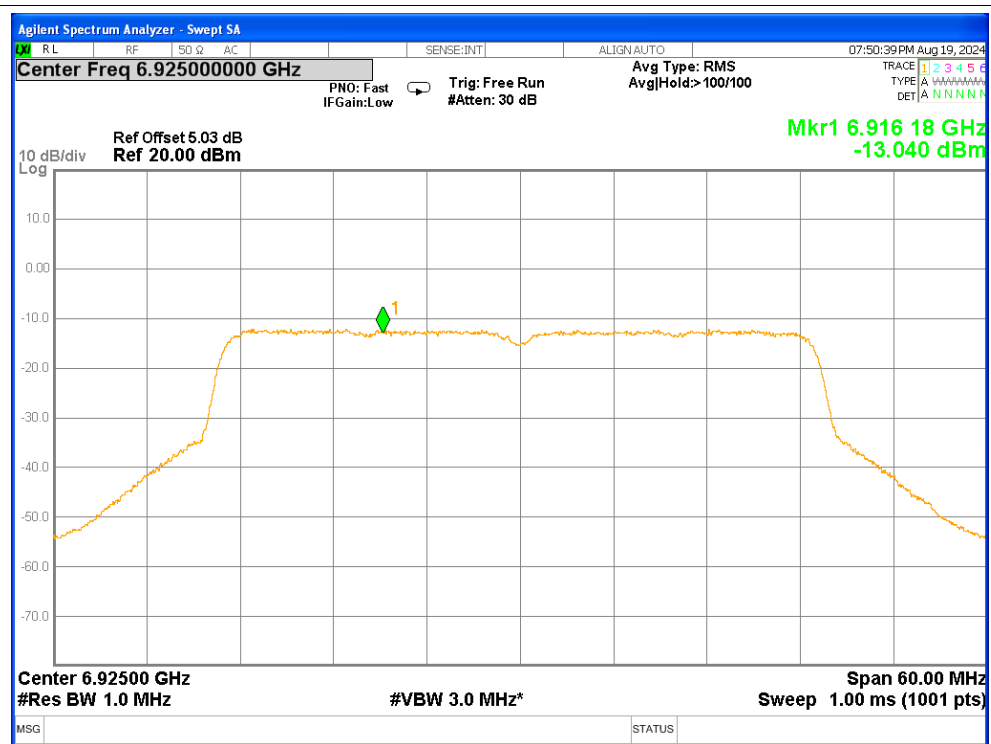
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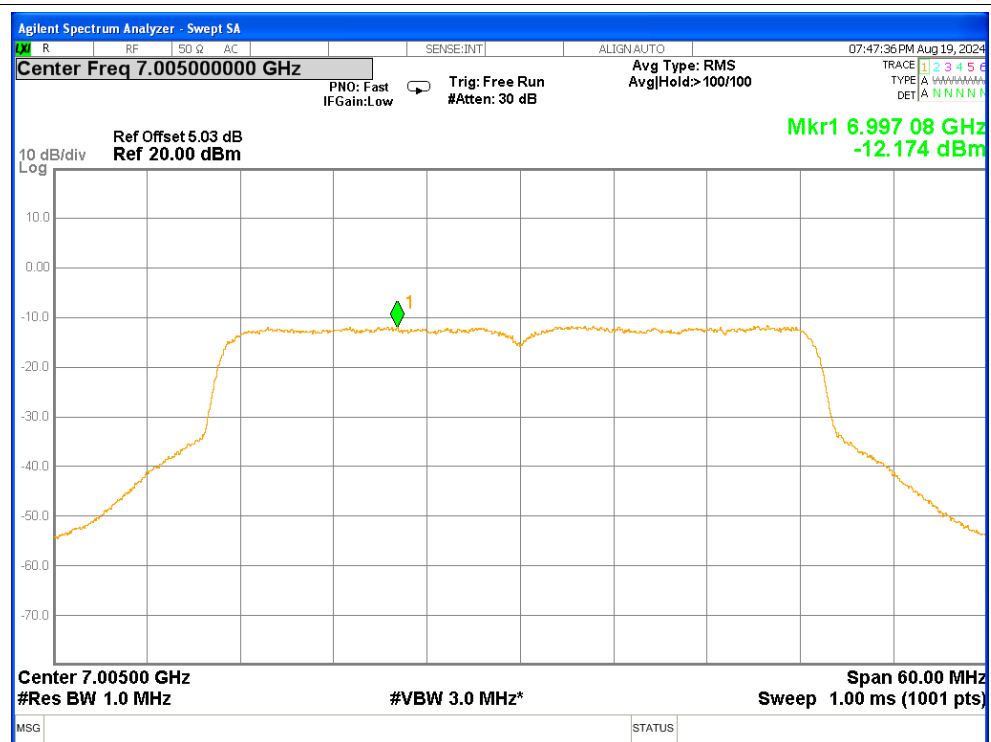
PSD NVNT ax40 6925MHz Ant1



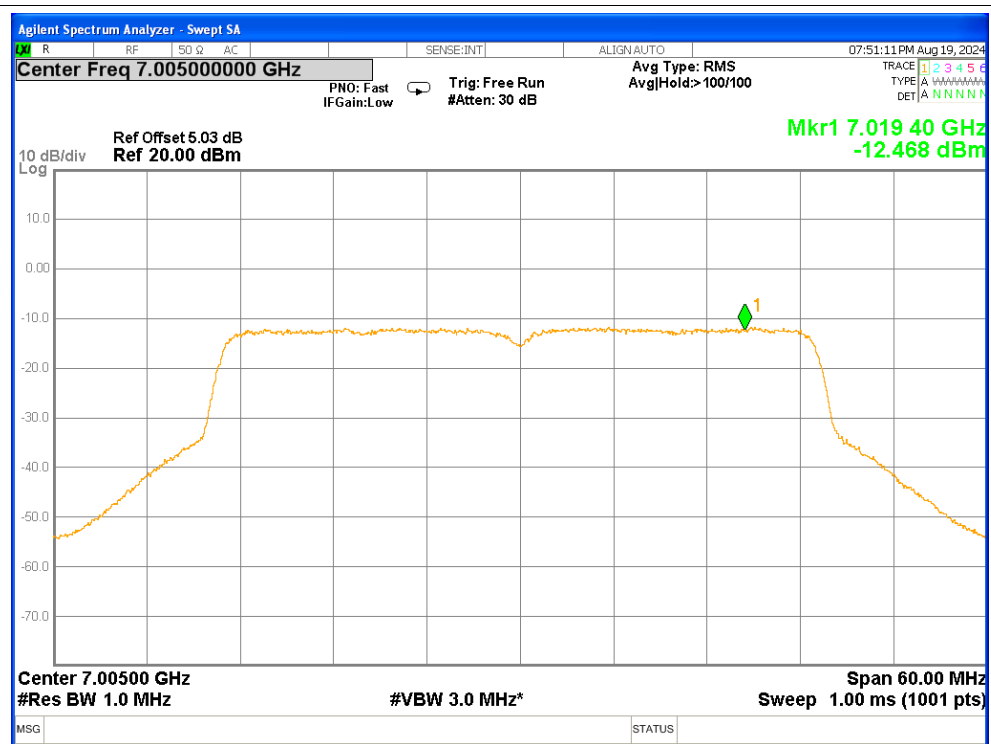
PSD NVNT ax40 6925MHz Ant2



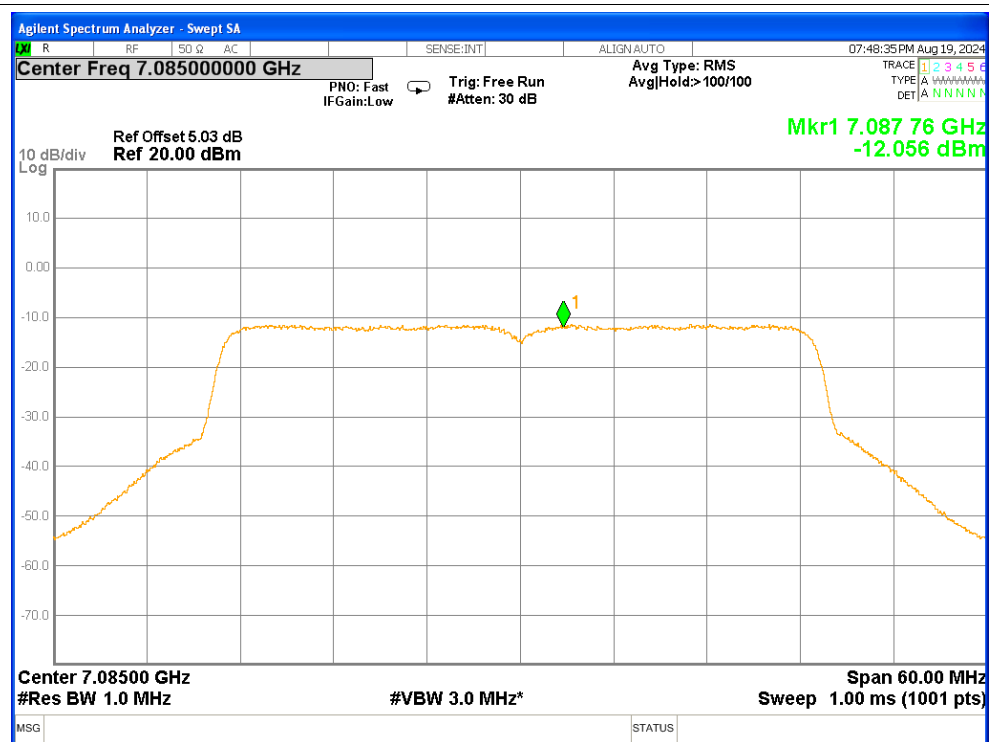
PSD NVNT ax40 7005MHz Ant1



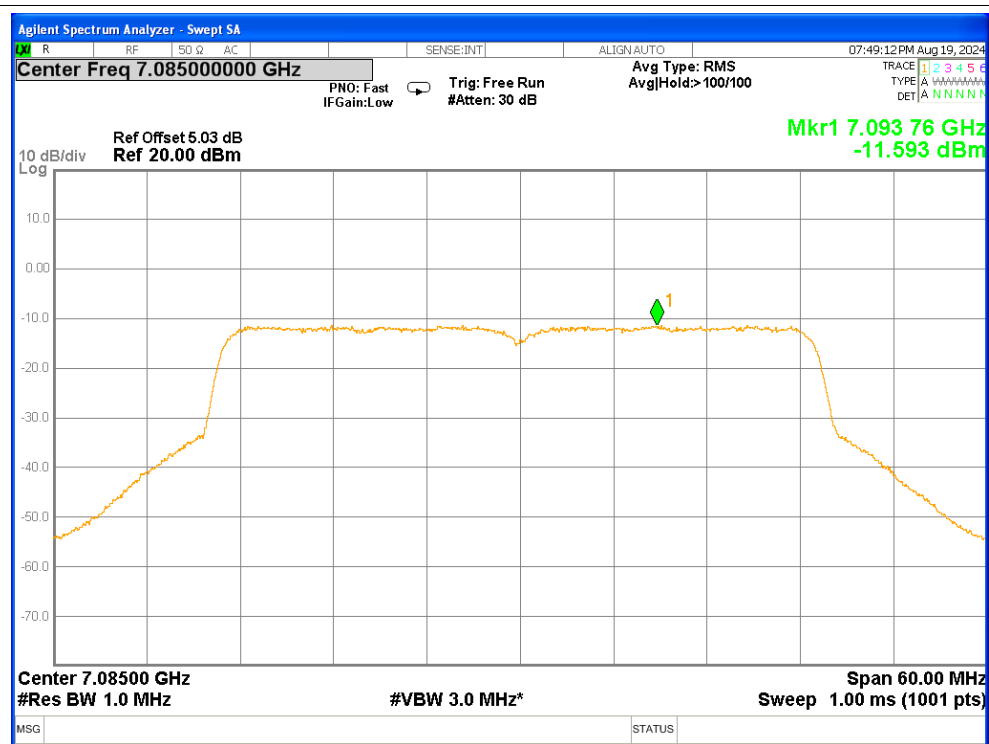
PSD NVNT ax40 7005MHz Ant2



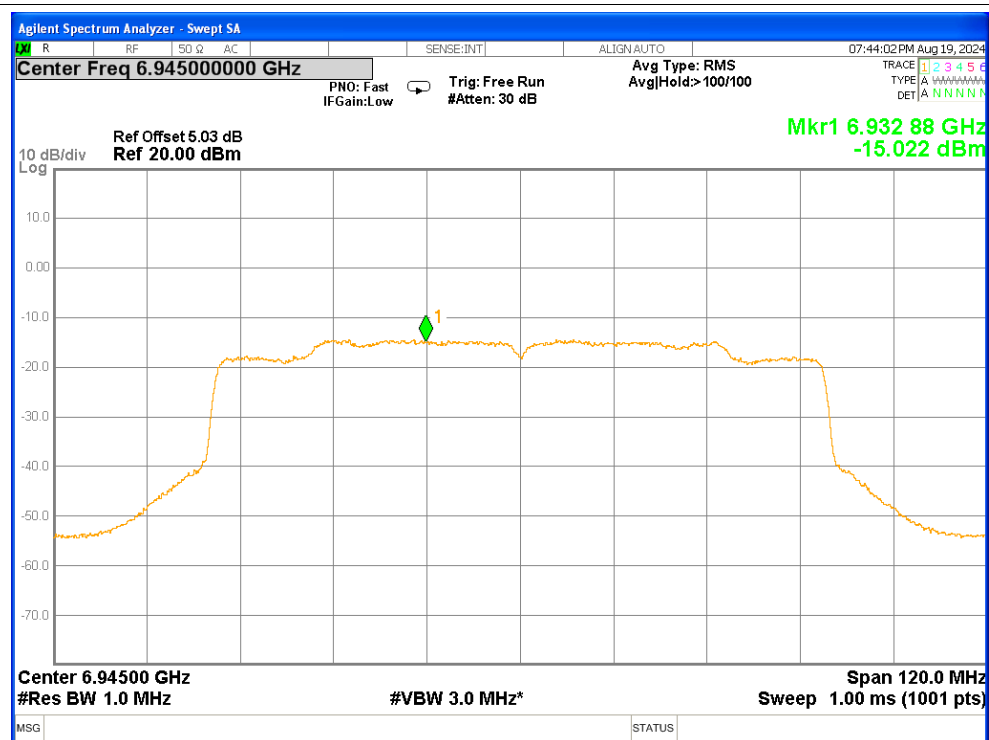
PSD NVNT ax40 7085MHz Ant1



PSD NVNT ax40 7085MHz Ant2



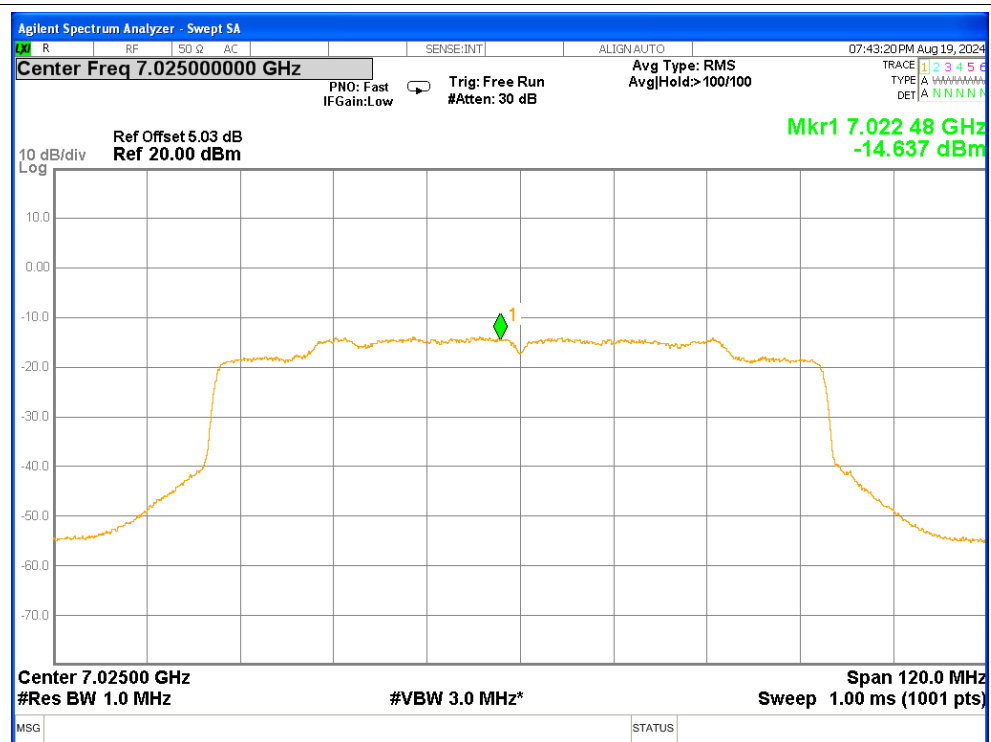
PSD NVNT ax80 6945MHz Ant1



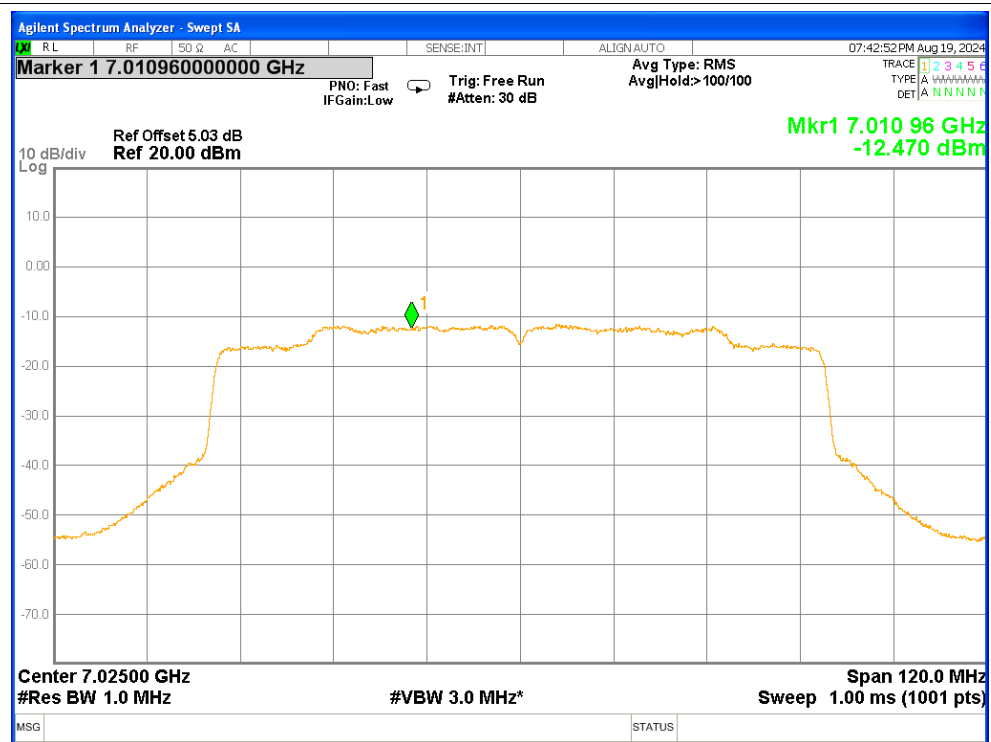
PSD NVNT ax80 6945MHz Ant2



PSD NVNT ax80 7025MHz Ant1



PSD NVNT ax80 7025MHz Ant2

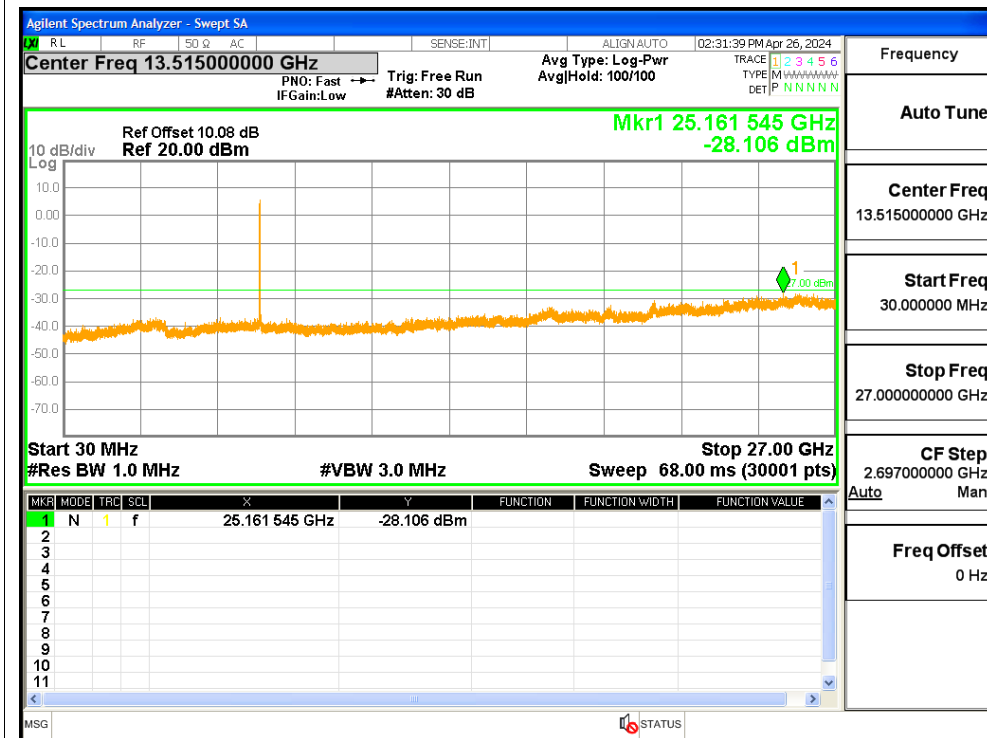


5. Conducted RF Spurious Emission

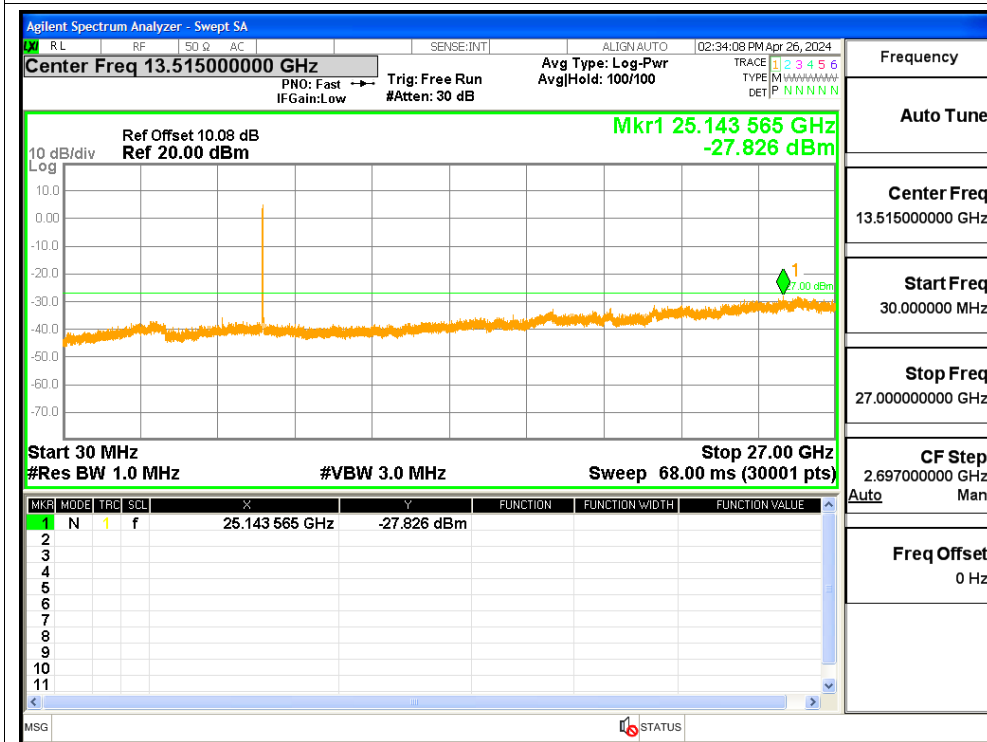
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	6895	Ant1	-28.1	-27	Pass
NVNT	a	6995	Ant1	-27.82	-27	Pass
NVNT	a	7115	Ant1	-28.43	-27	Pass
NVNT	a	6895	Ant2	-27.18	-27	Pass
NVNT	a	6995	Ant2	-28.73	-27	Pass
NVNT	a	7115	Ant2	-27.41	-27	Pass
NVNT	ax160	6985	Ant1	-27.41	-27	Pass
NVNT	ax160	6985	Ant2	-28.17	-27	Pass
NVNT	ax20	6895	Ant1	-28.35	-27	Pass
NVNT	ax20	6895	Ant2	-28.22	-27	Pass
NVNT	ax20	6995	Ant1	-28.31	-27	Pass
NVNT	ax20	6995	Ant2	-28.48	-27	Pass
NVNT	ax20	7115	Ant1	-27.47	-27	Pass
NVNT	ax20	7115	Ant2	-29.2	-27	Pass
NVNT	ax40	6925	Ant1	-28.06	-27	Pass
NVNT	ax40	6925	Ant2	-28.87	-27	Pass
NVNT	ax40	7005	Ant1	-27.89	-27	Pass
NVNT	ax40	7005	Ant2	-28.78	-27	Pass
NVNT	ax40	7085	Ant1	-27.76	-27	Pass
NVNT	ax40	7085	Ant2	-28.49	-27	Pass
NVNT	ax80	6945	Ant1	-27.29	-27	Pass
NVNT	ax80	6945	Ant2	-28.31	-27	Pass
NVNT	ax80	7025	Ant1	-27.96	-27	Pass
NVNT	ax80	7025	Ant2	-28.78	-27	Pass

Test Graphs

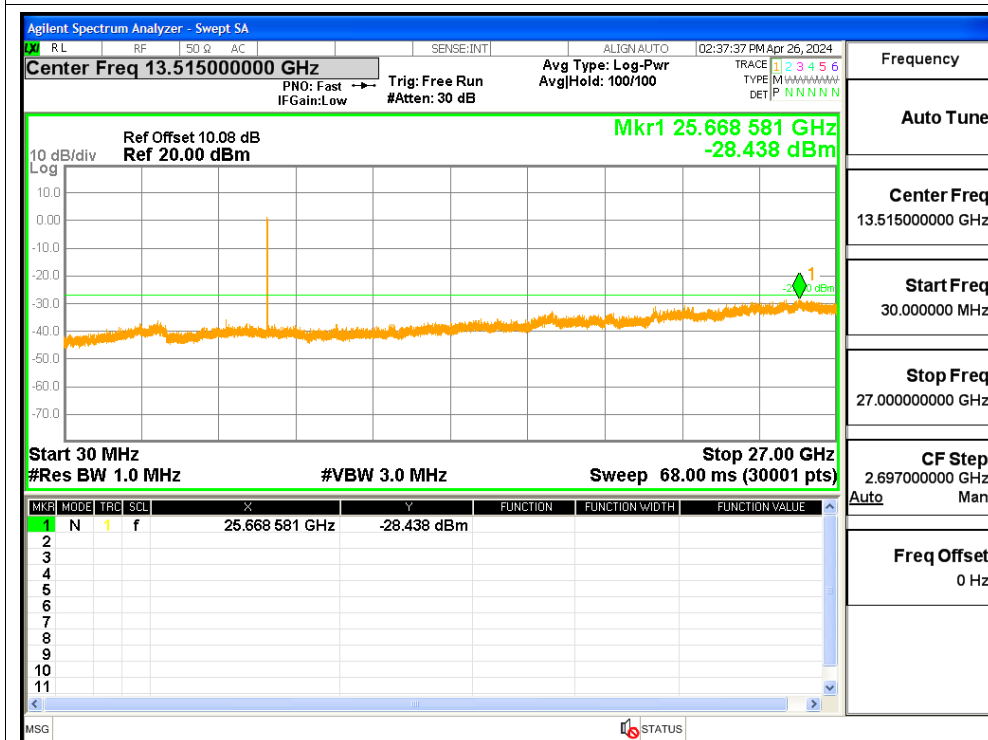
Tx. Spurious NVNT a 6895MHz Ant1 Emission



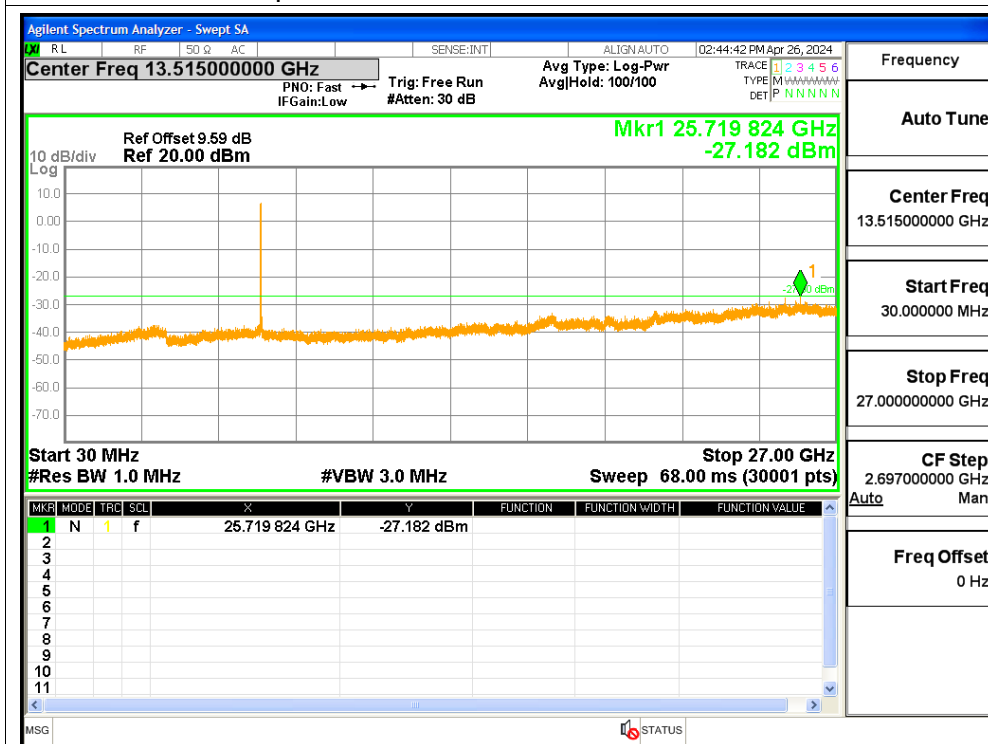
Tx. Spurious NVNT a 6995MHz Ant1 Emission



Tx. Spurious NVNT a 7115MHz Ant1 Emission

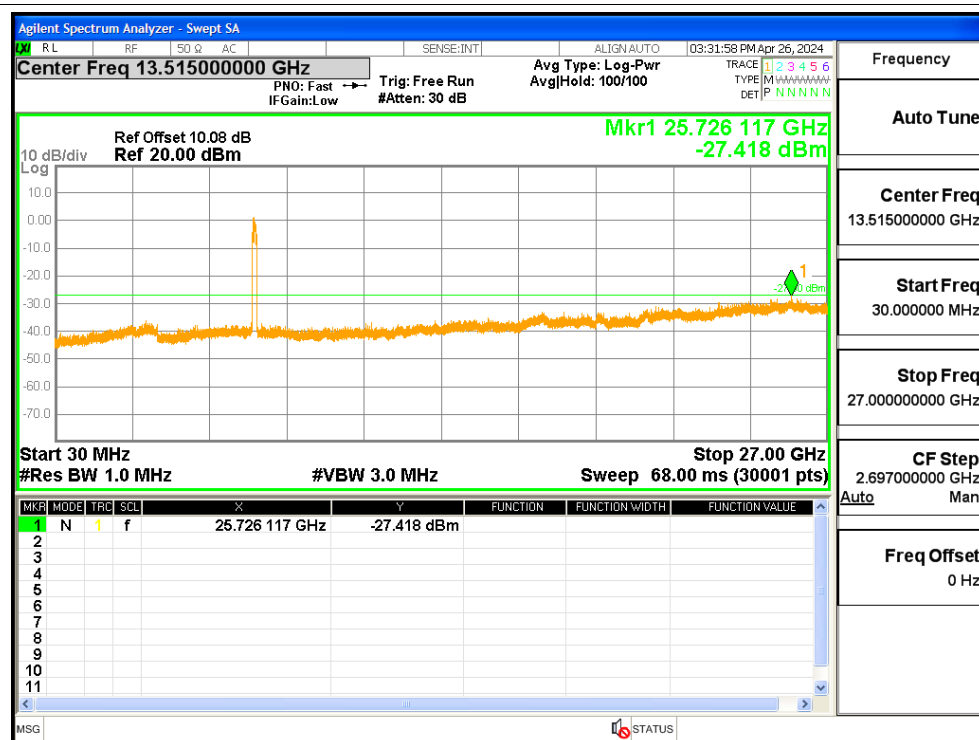


Tx. Spurious NVNT a 6895MHz Ant2 Emission

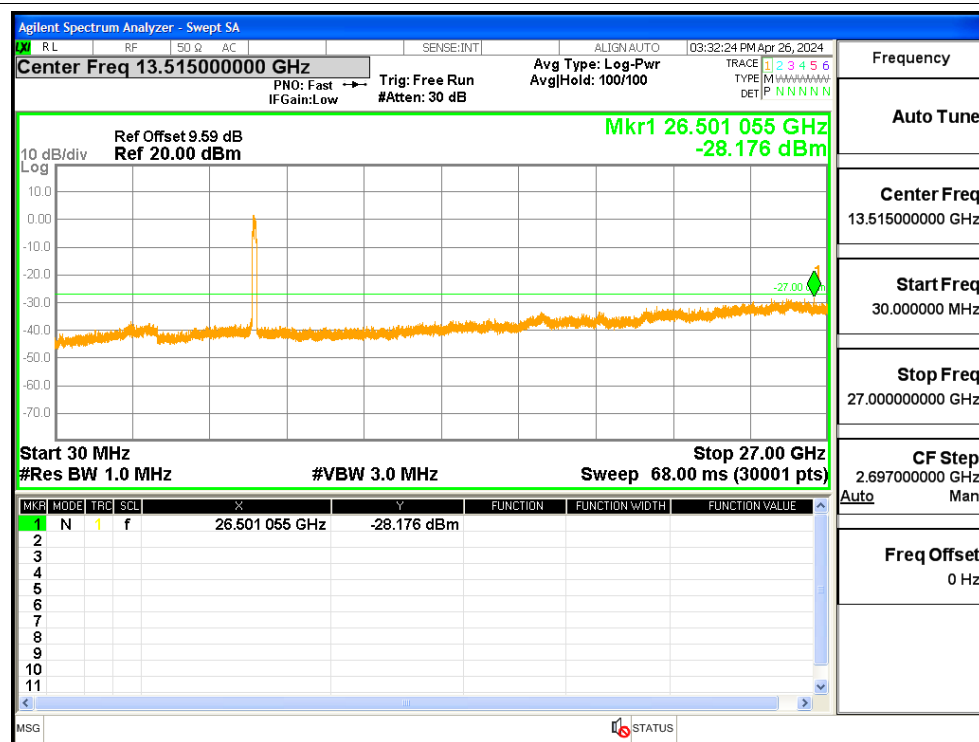


Tx. Spurious NVNT a 6995MHz Ant2 Emission

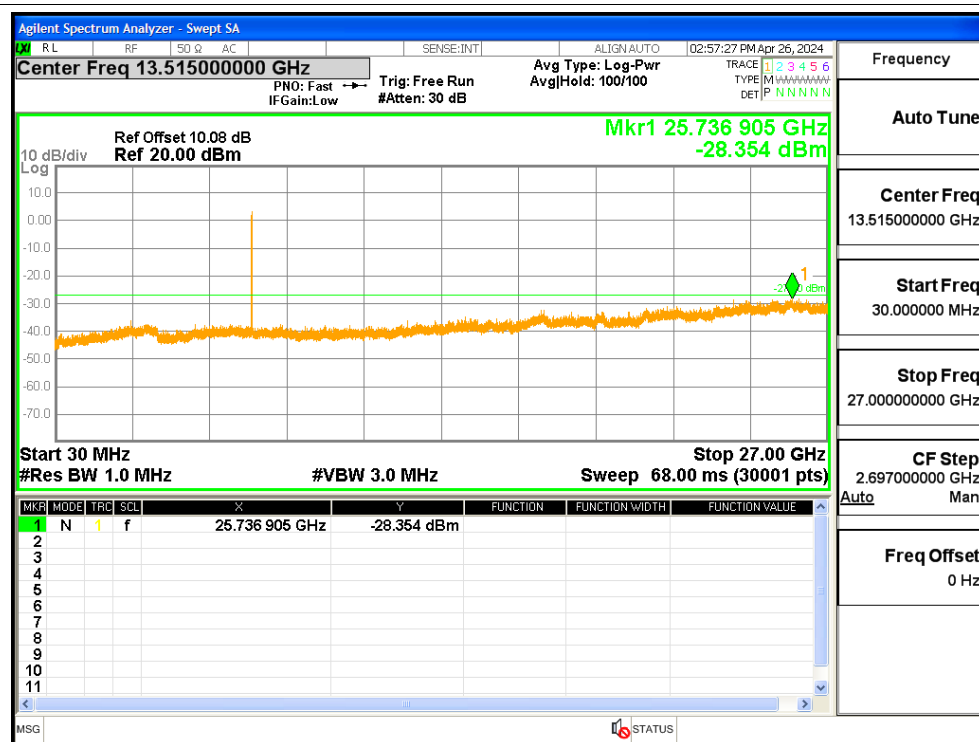
Tx. Spurious NVNT ax160 6985MHz Ant1 Emission



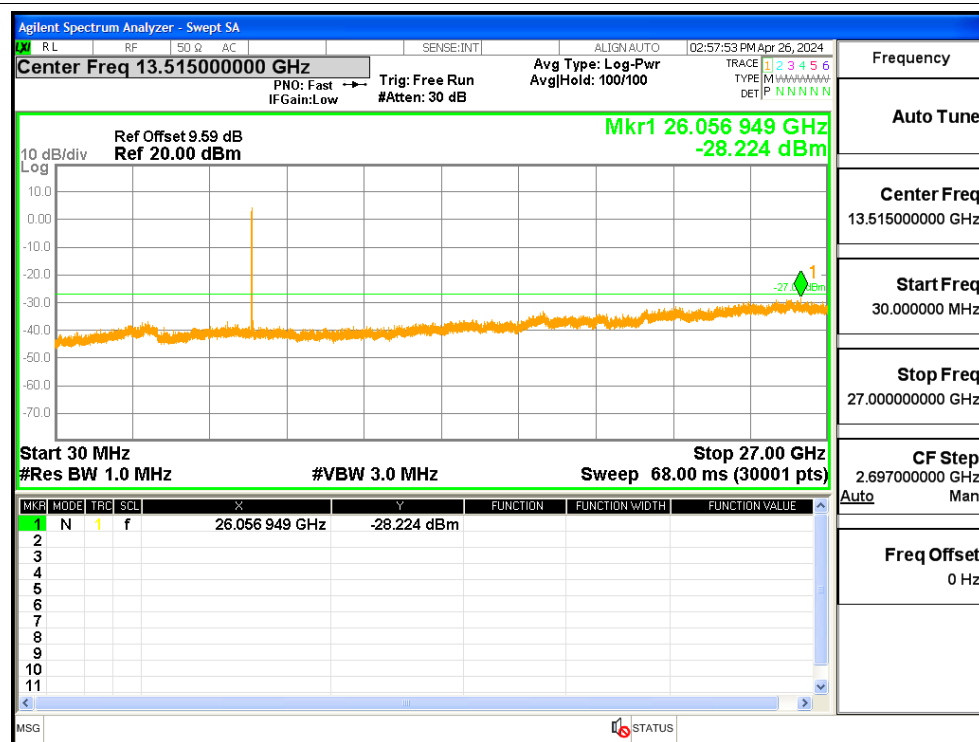
Tx. Spurious NVNT ax160 6985MHz Ant2 Emission

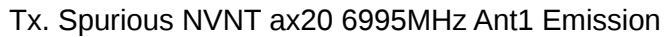


Tx. Spurious NVNT ax20 6895MHz Ant1 Emission

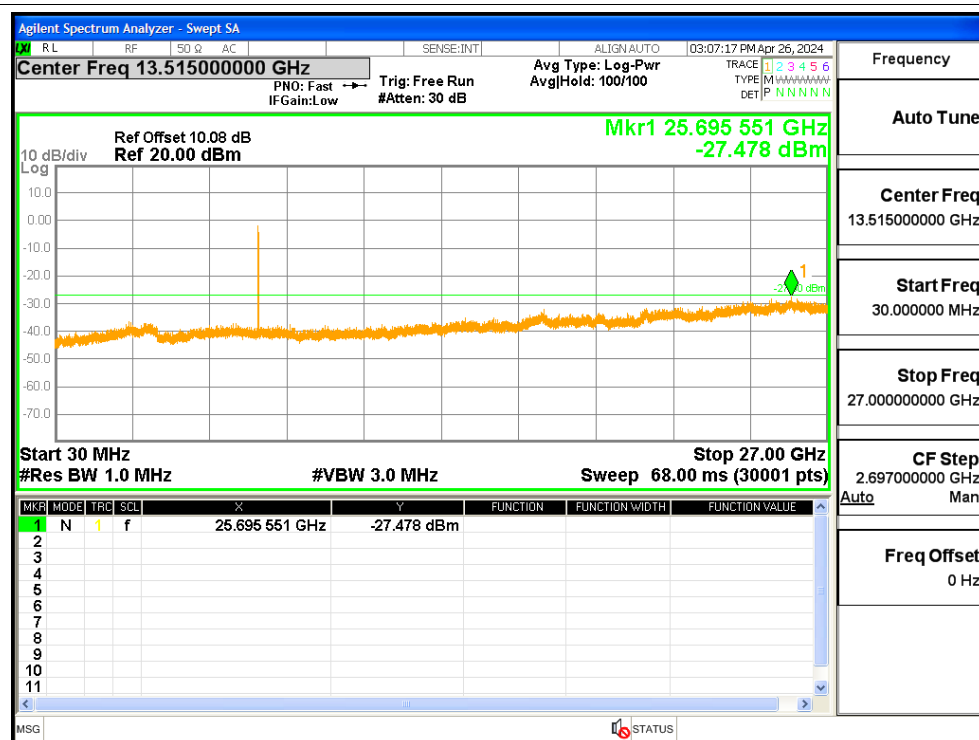


Tx. Spurious NVNT ax20 6895MHz Ant2 Emission

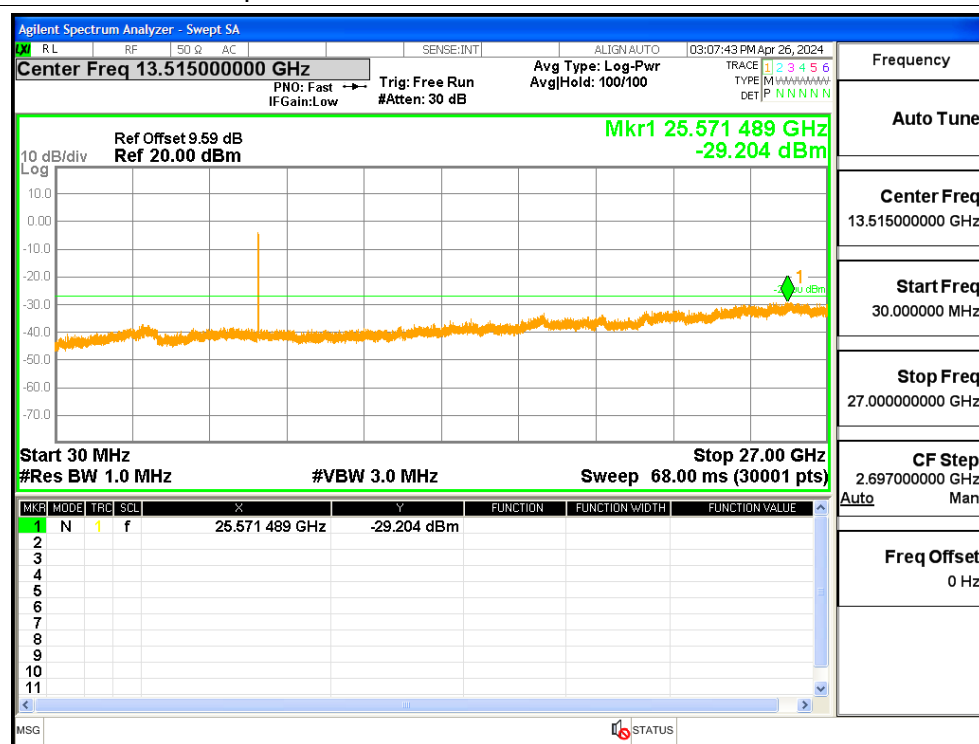




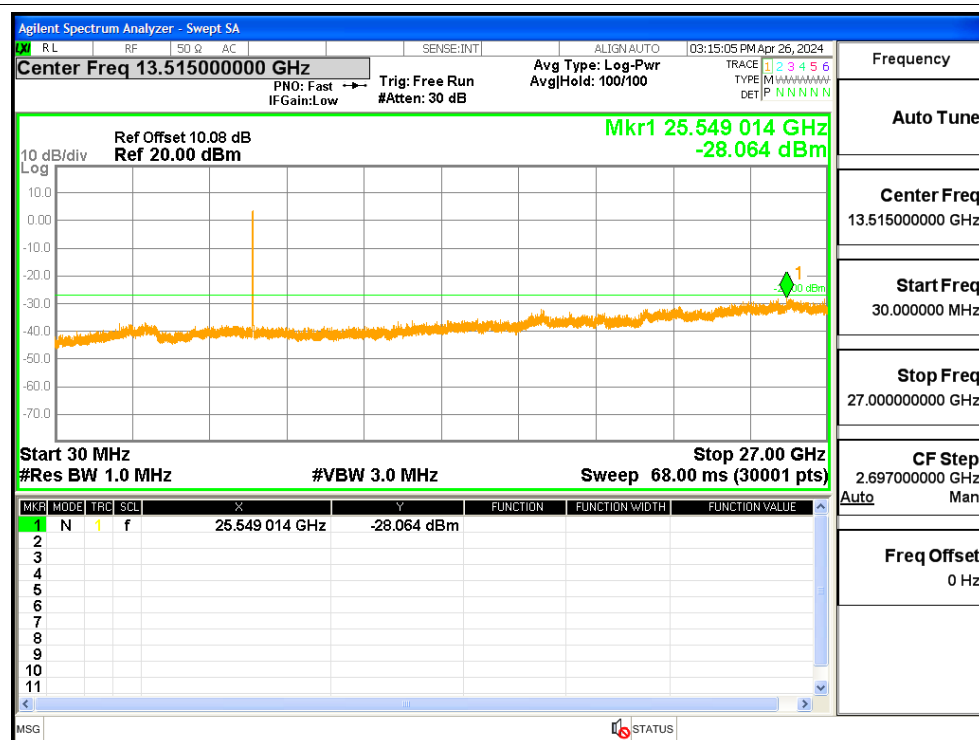
Tx. Spurious NVNT ax20 7115MHz Ant1 Emission



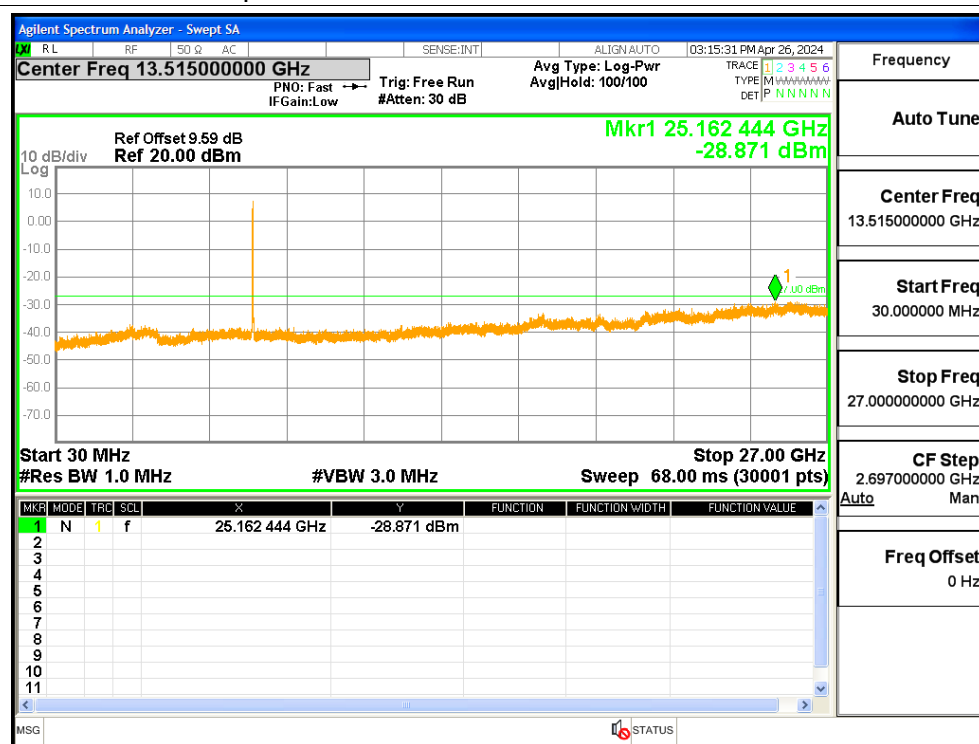
Tx. Spurious NVNT ax20 7115MHz Ant2 Emission



Tx. Spurious NVNT ax40 6925MHz Ant1 Emission

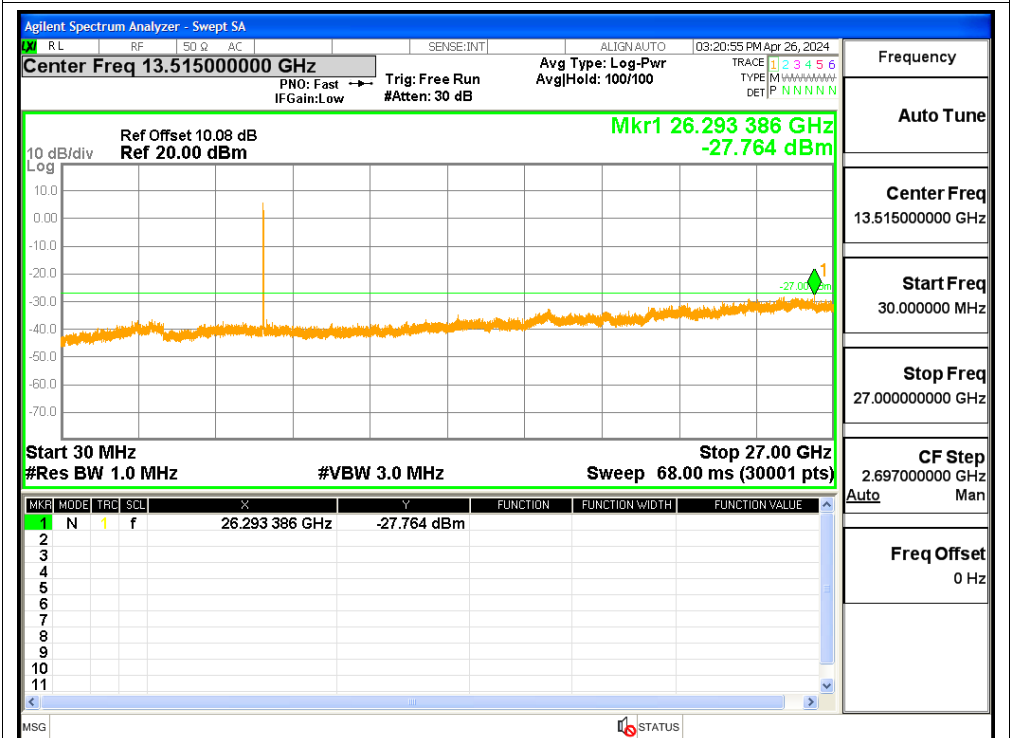


Tx. Spurious NVNT ax40 6925MHz Ant2 Emission

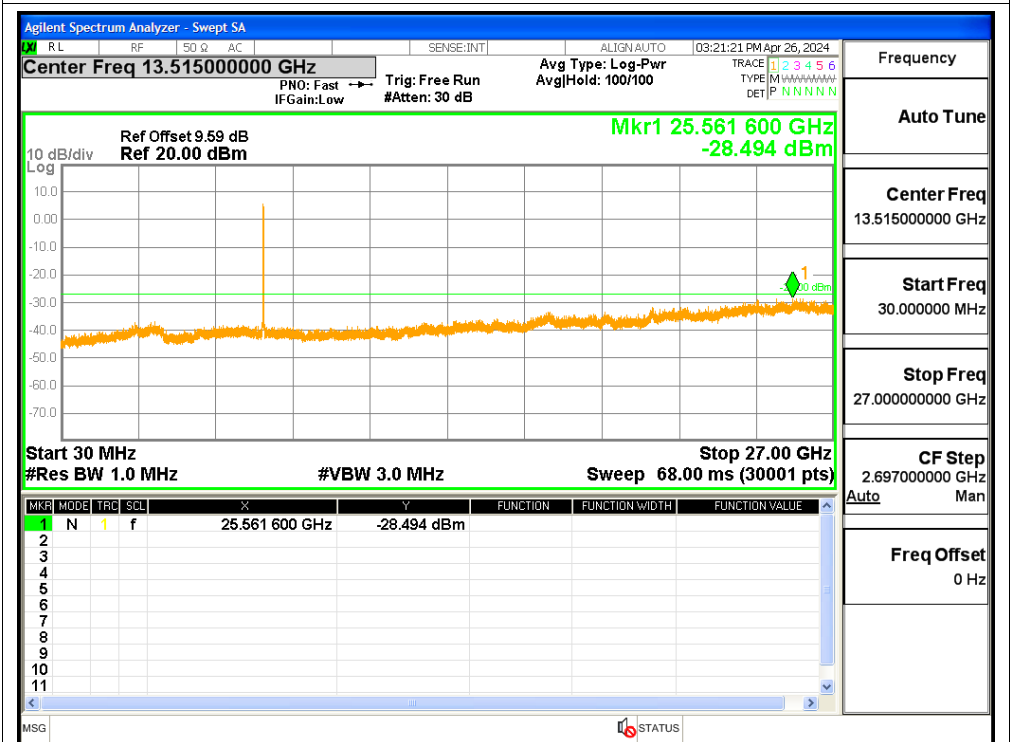


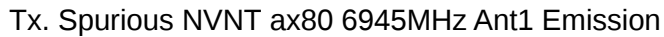
Tx. Spurious NVNT ax40 7005MHz Ant1 Emission

Tx. Spurious NVNT ax40 7085MHz Ant1 Emission

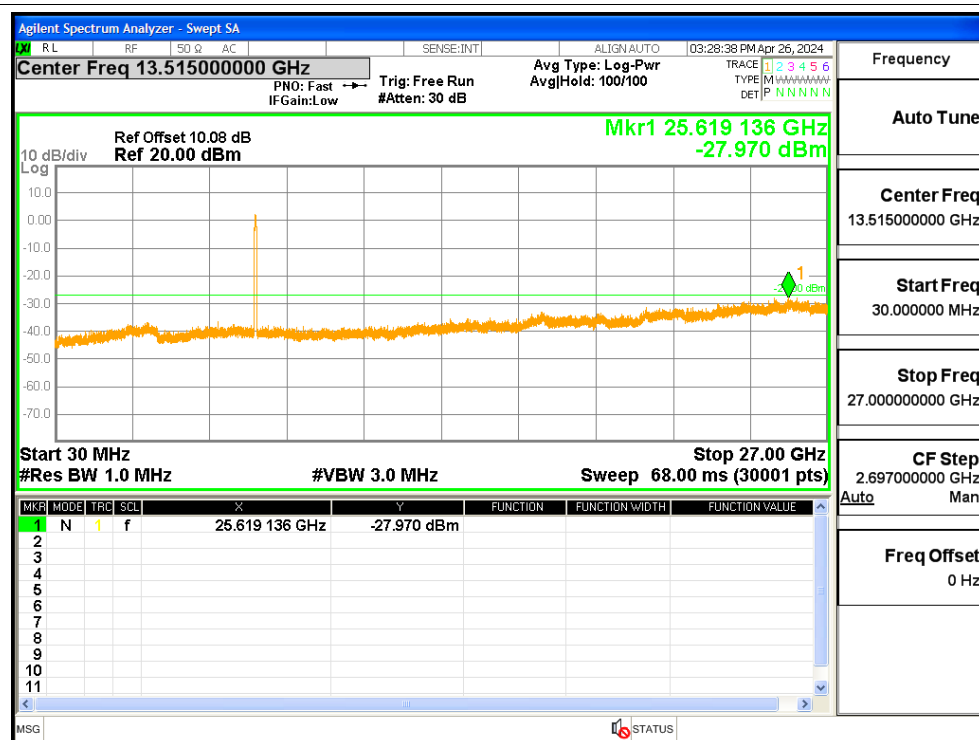


Tx. Spurious NVNT ax40 7085MHz Ant2 Emission

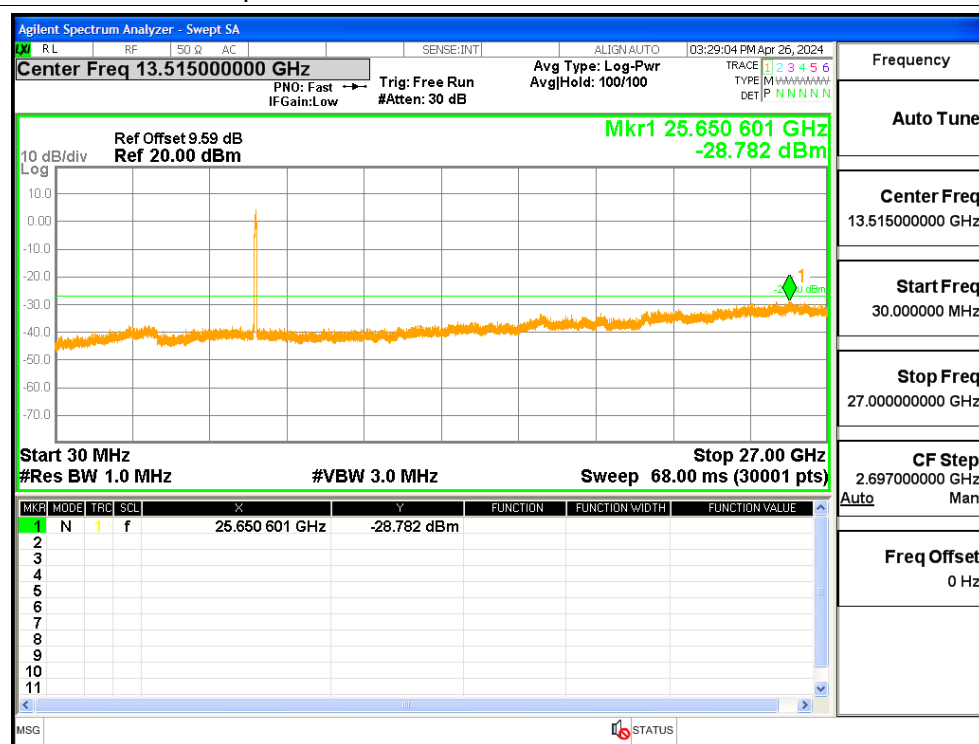




Tx. Spurious NVNT ax80 7025MHz Ant1 Emission



Tx. Spurious NVNT ax80 7025MHz Ant2 Emission

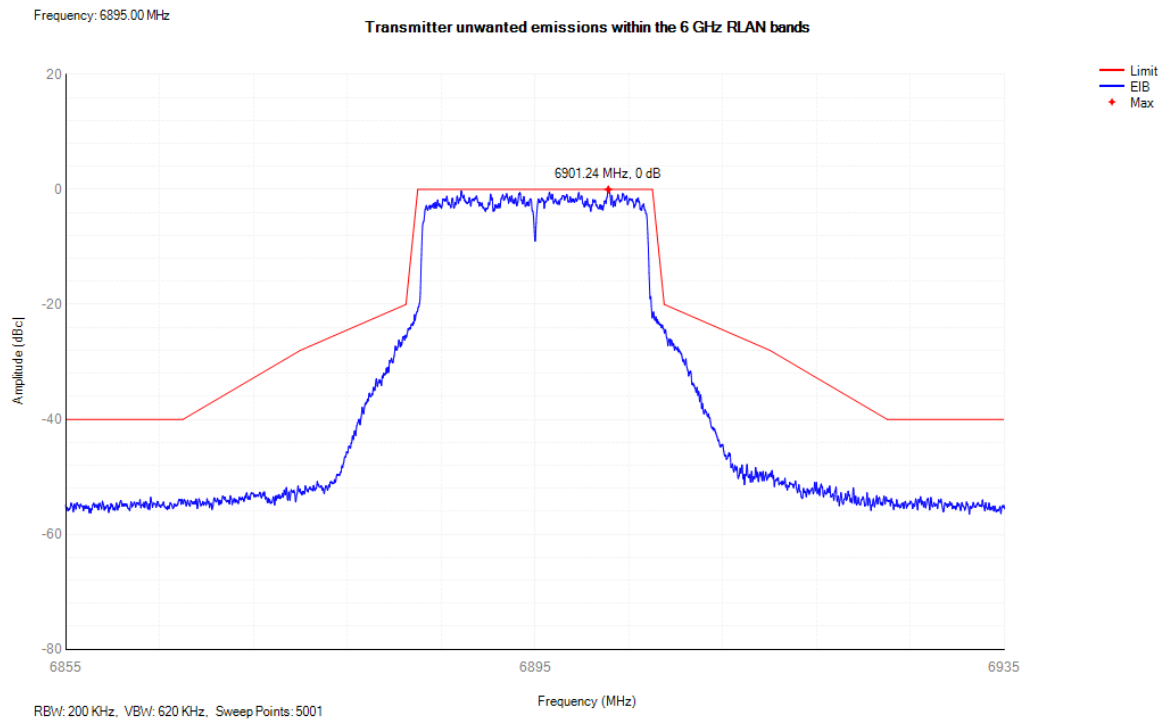


6. Power spectral mask

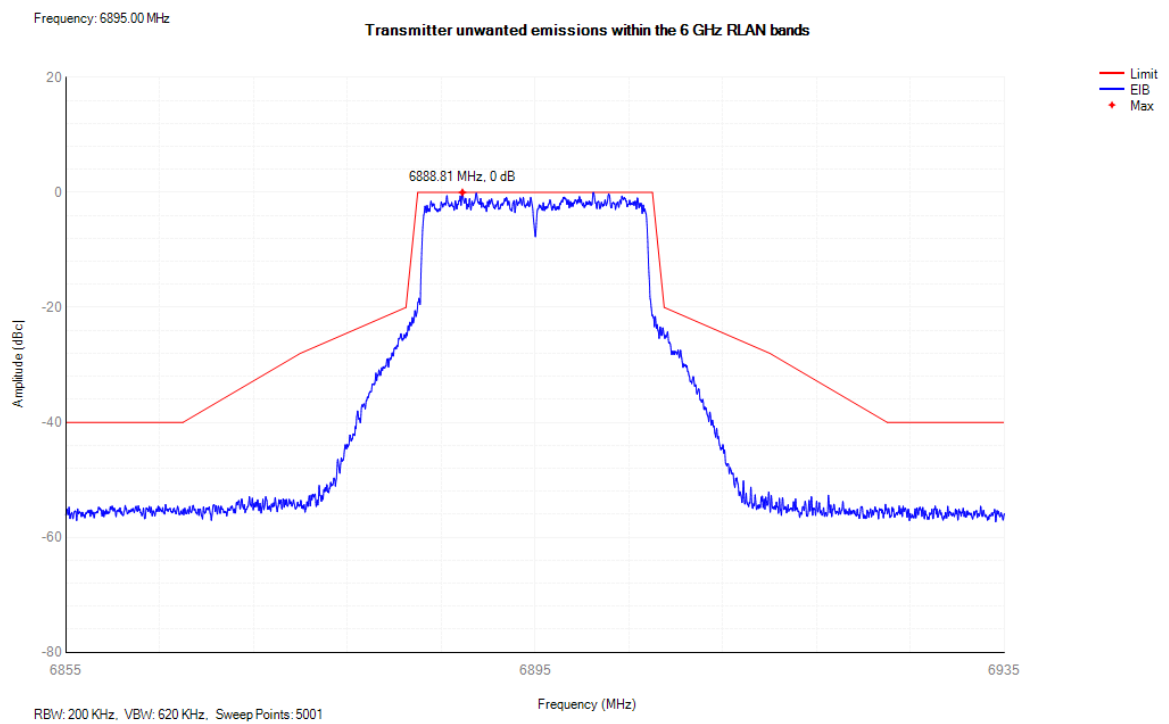
Condition	Mode	Frequency (MHz)	Antenna	Sub Band	Worst EIB Frequency (MHz)	Level (dB)	Limit (dB)	Verdict
NVNT	a	6895	Ant1	Band1	6901.24	0	0	Pass
NVNT	a	6895	Ant2	Band1	6888.81	0	0	Pass
NVNT	a	6995	Ant1	Band1	6991.21	0	0	Pass
NVNT	a	6995	Ant2	Band1	7001.29	0	0	Pass
NVNT	a	7115	Ant1	Band1	7113.77	0	0	Pass
NVNT	a	7115	Ant2	Band1	7113.75	0	0	Pass
NVNT	ax160	6985	Sum	Band1	6948.14	0	0	Pass
NVNT	ax20	6895	Sum	Band1	6893.72	0	0	Pass
NVNT	ax20	6995	Sum	Band1	6987.38	0	0	Pass
NVNT	ax20	7115	Sum	Band1	7111.3	0	0	Pass
NVNT	ax40	6925	Sum	Band1	6940.04	0	0	Pass
NVNT	ax40	7005	Sum	Band1	7010.06	0	0	Pass
NVNT	ax40	7085	Sum	Band1	7070.34	0	0	Pass
NVNT	ax80	6945	Sum	Band1	6940.39	0	0	Pass
NVNT	ax80	7025	Sum	Band1	7003.05	0	0	Pass

Test Graphs

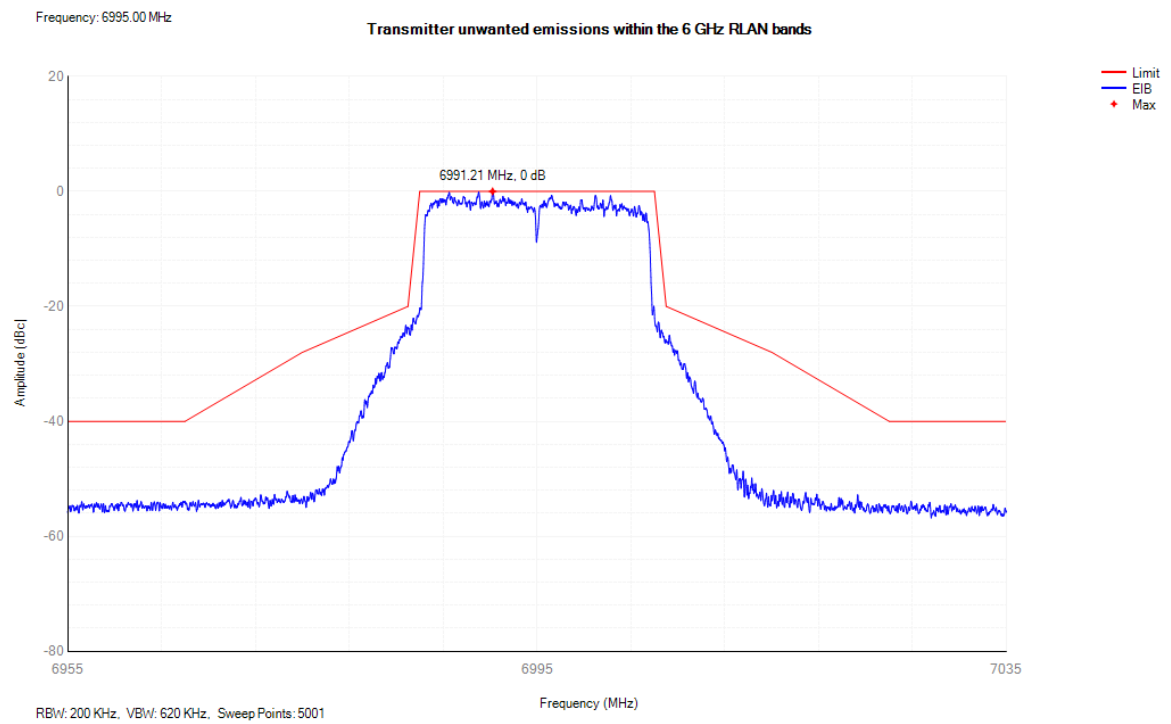
Power spectral mask NVNT a 6895MHz



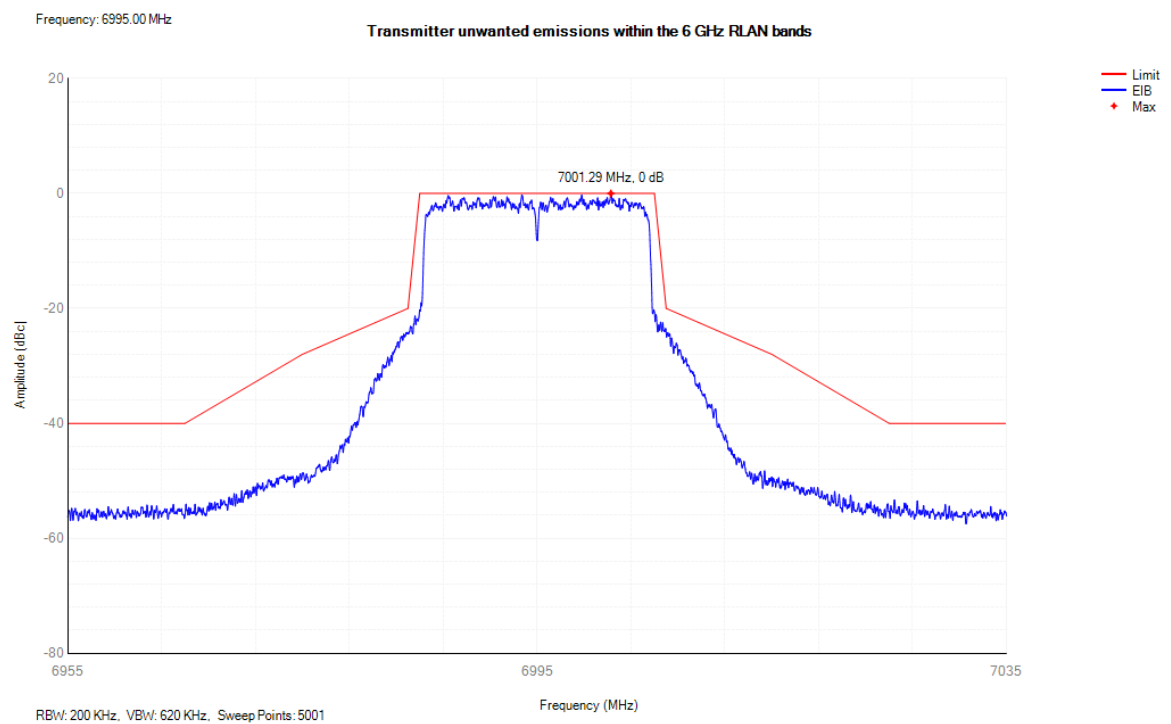
Power spectral mask NVNT a 6895MHz



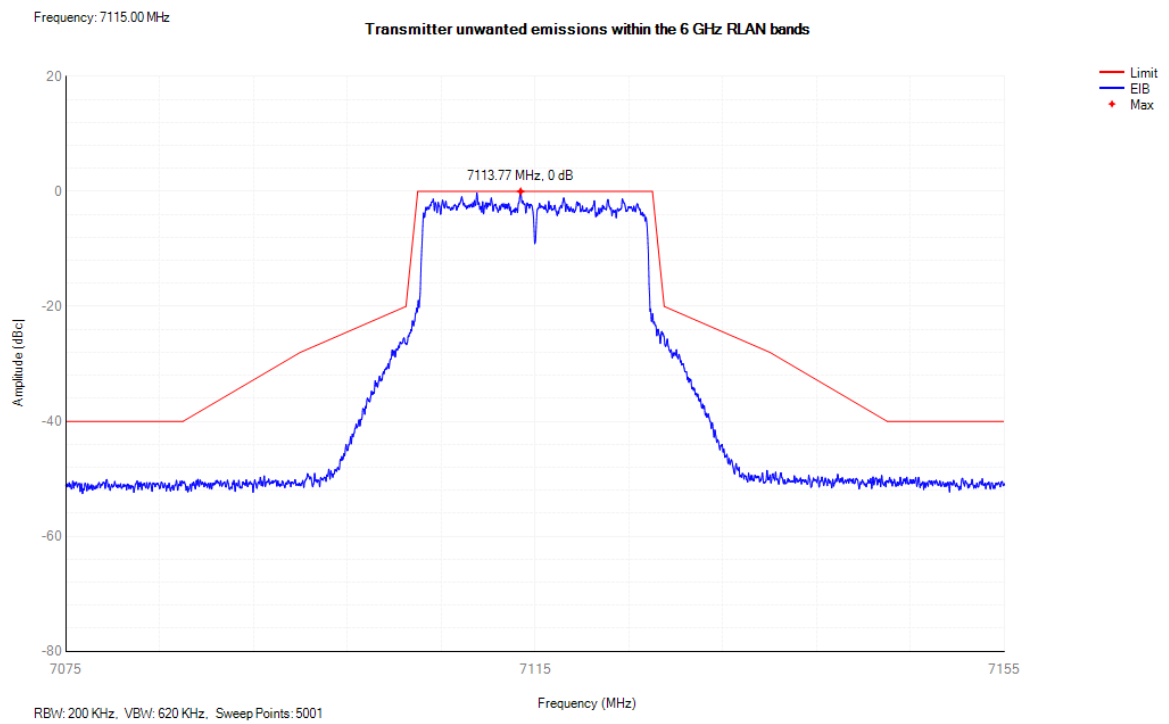
Power spectral mask NVNT a 6995MHz



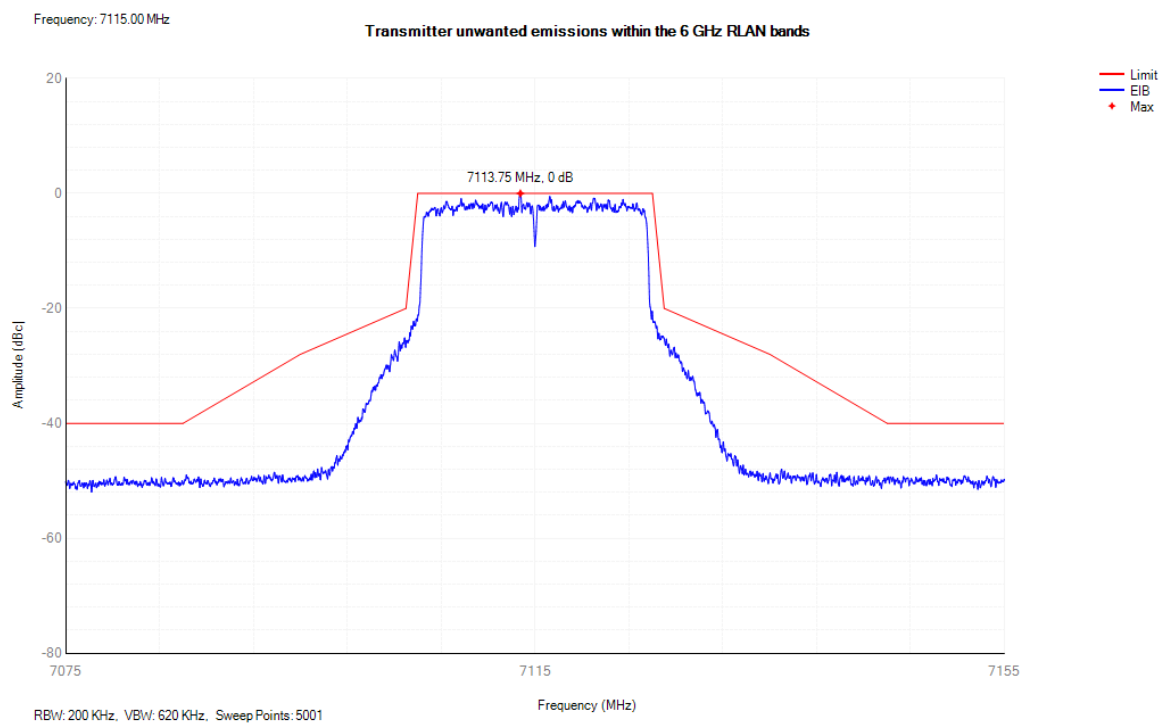
Power spectral mask NVNT a 6995MHz



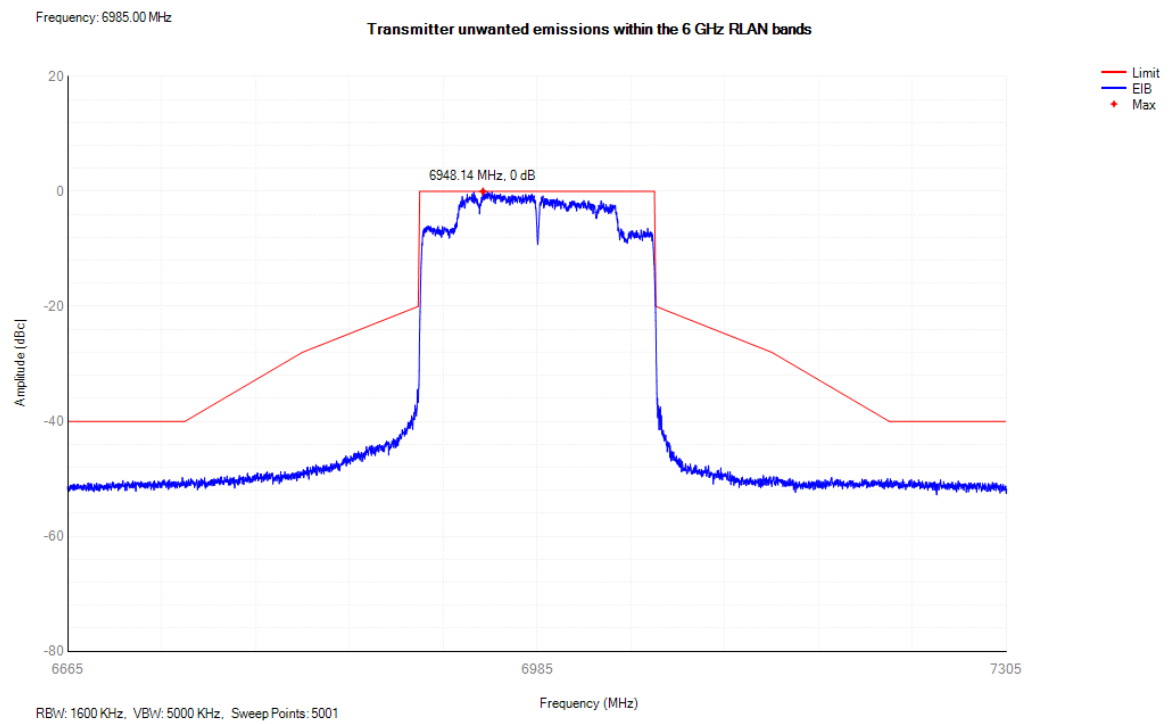
Power spectral mask NVNT a 7115MHz



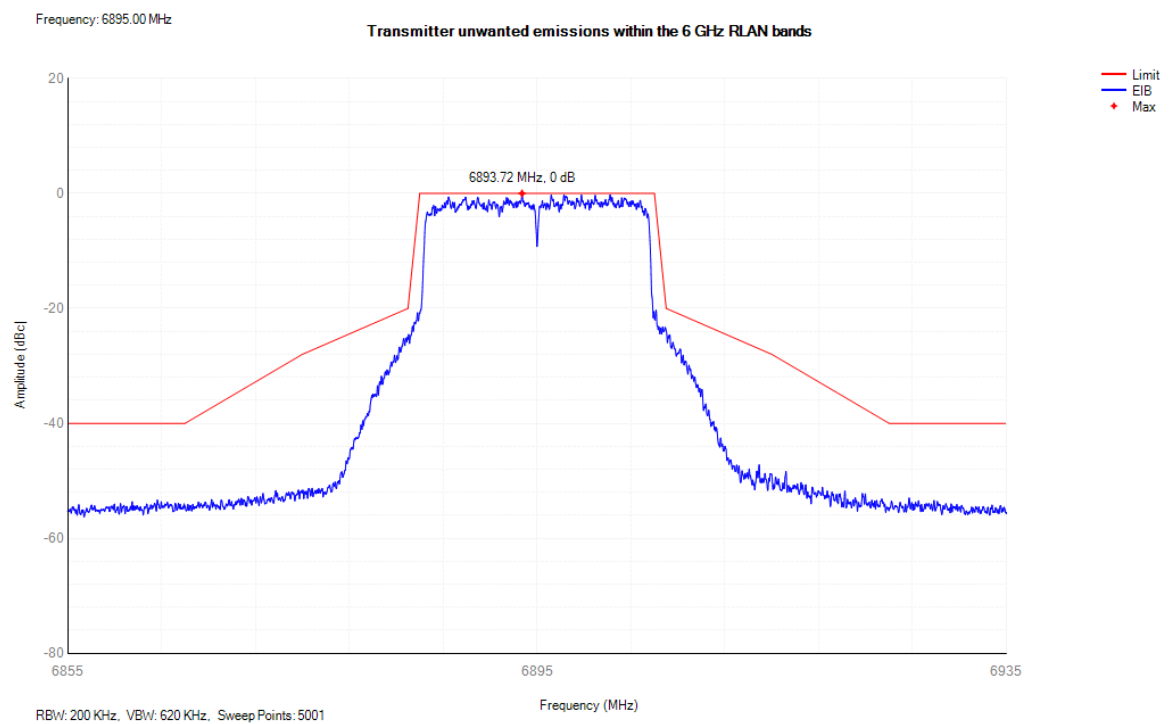
Power spectral mask NVNT a 7115MHz



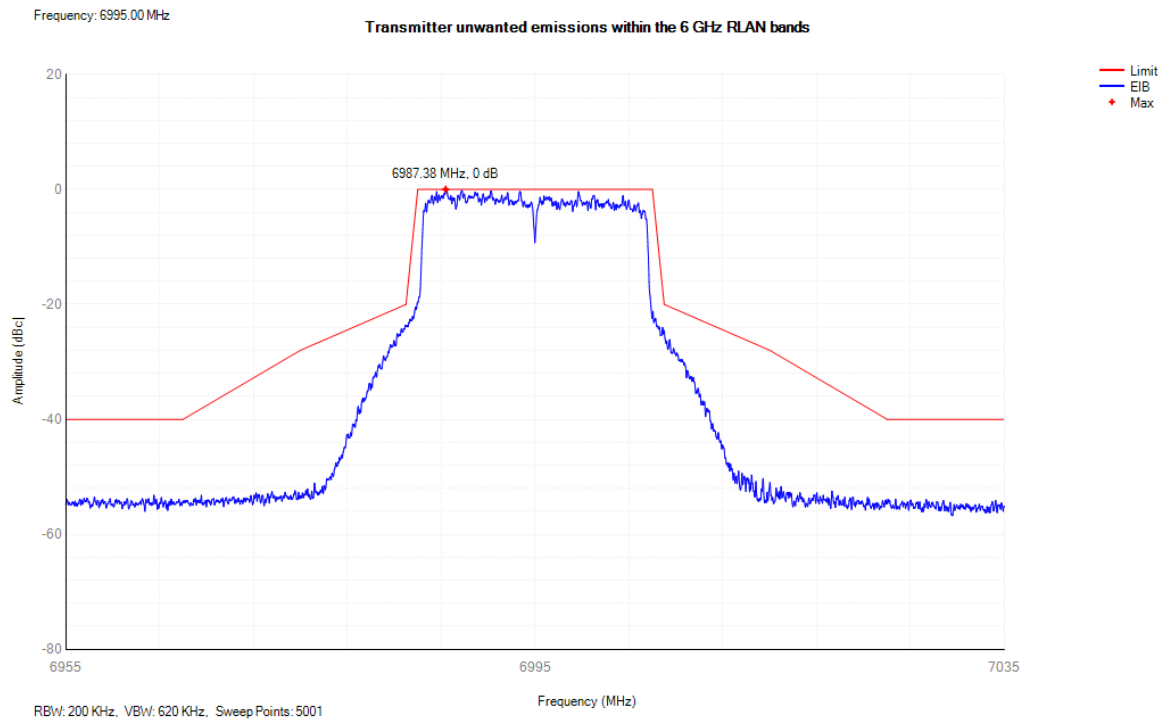
Power spectral mask NVNT ax160 6985MHz



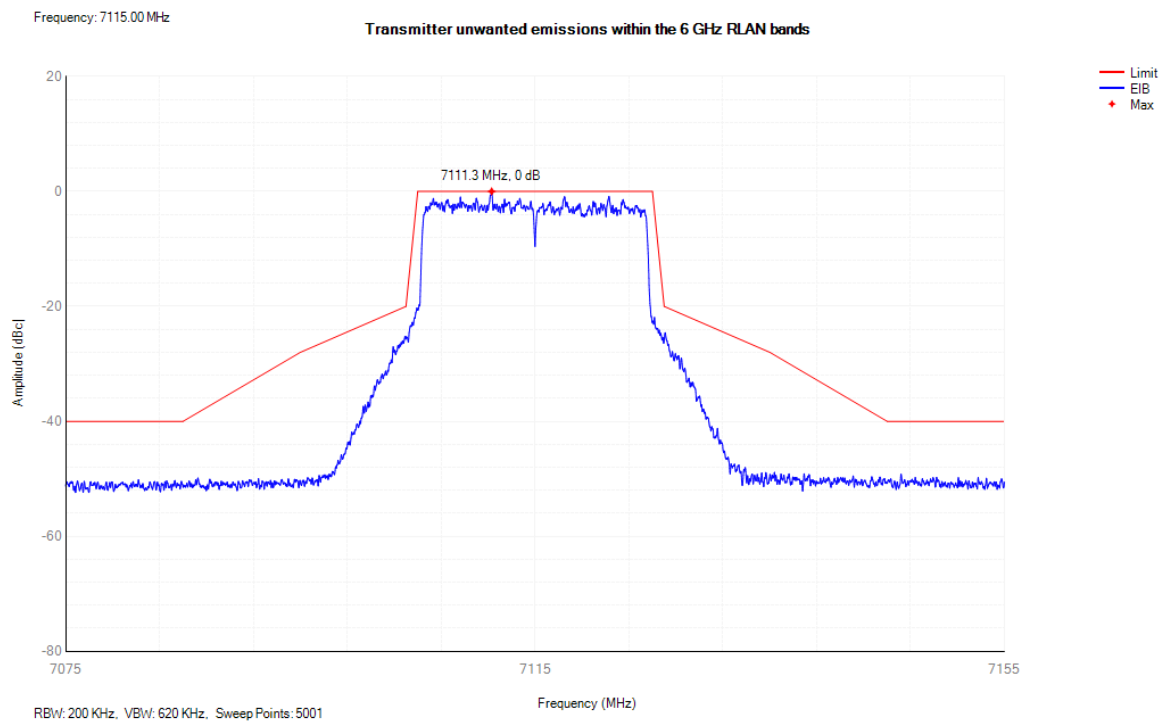
Power spectral mask NVNT ax20 6895MHz



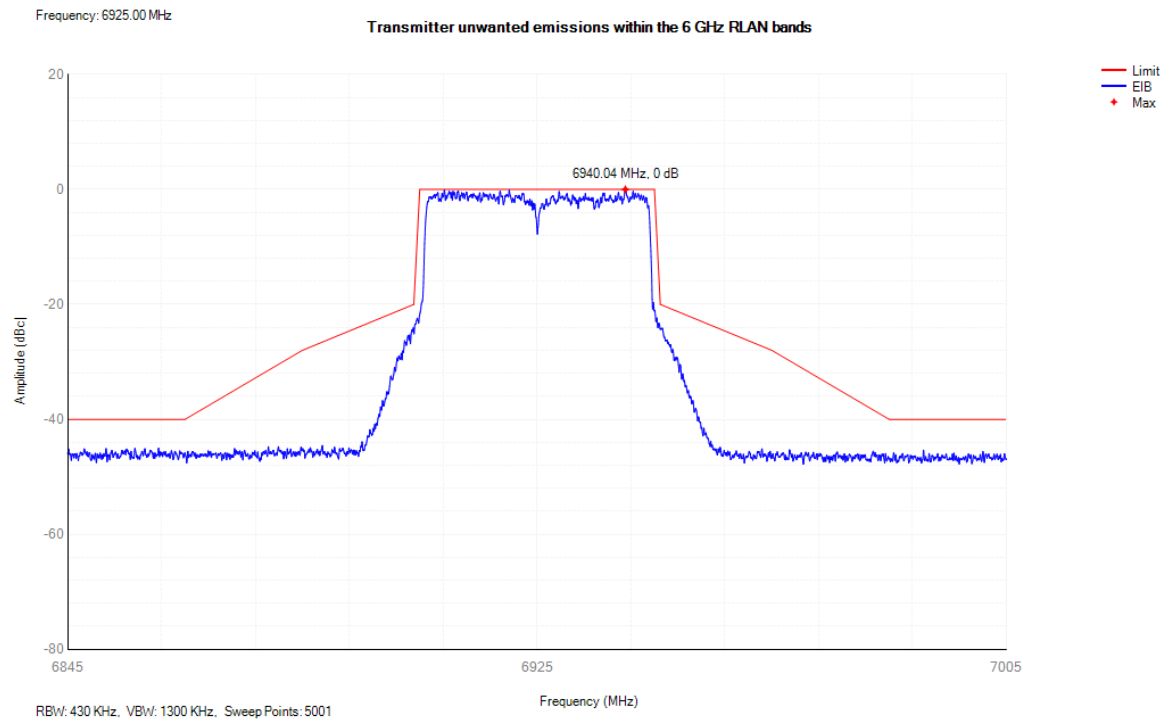
Power spectral mask NVNT ax20 6995MHz



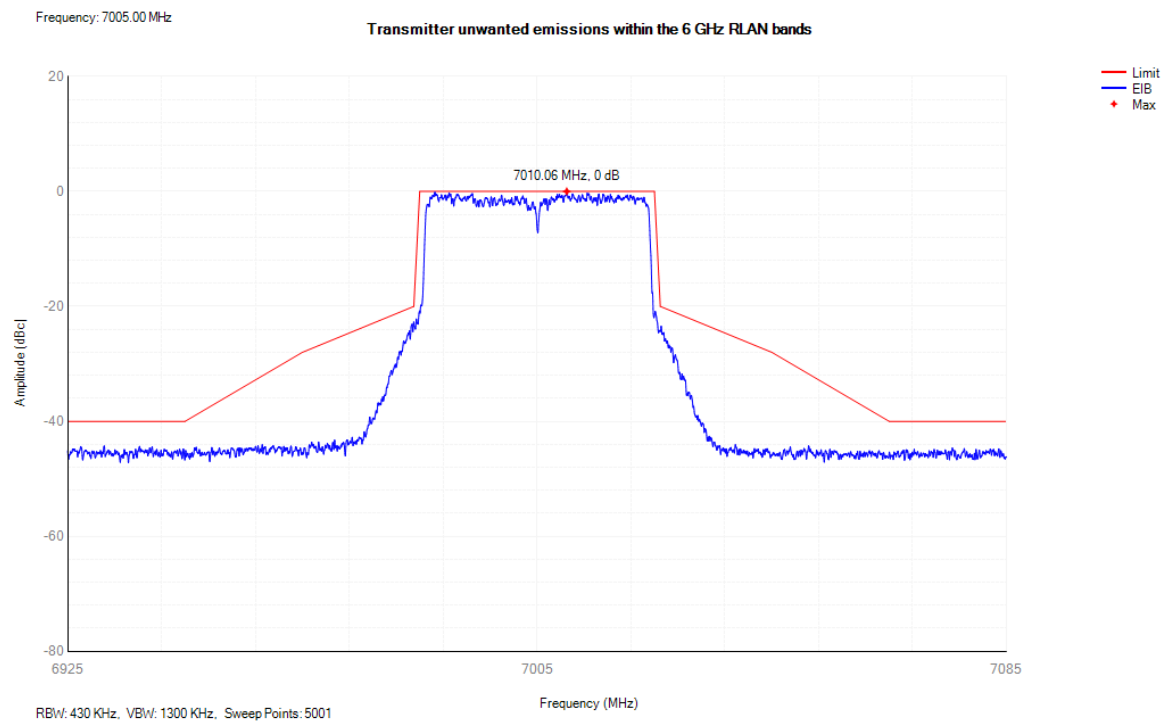
Power spectral mask NVNT ax20 7115MHz



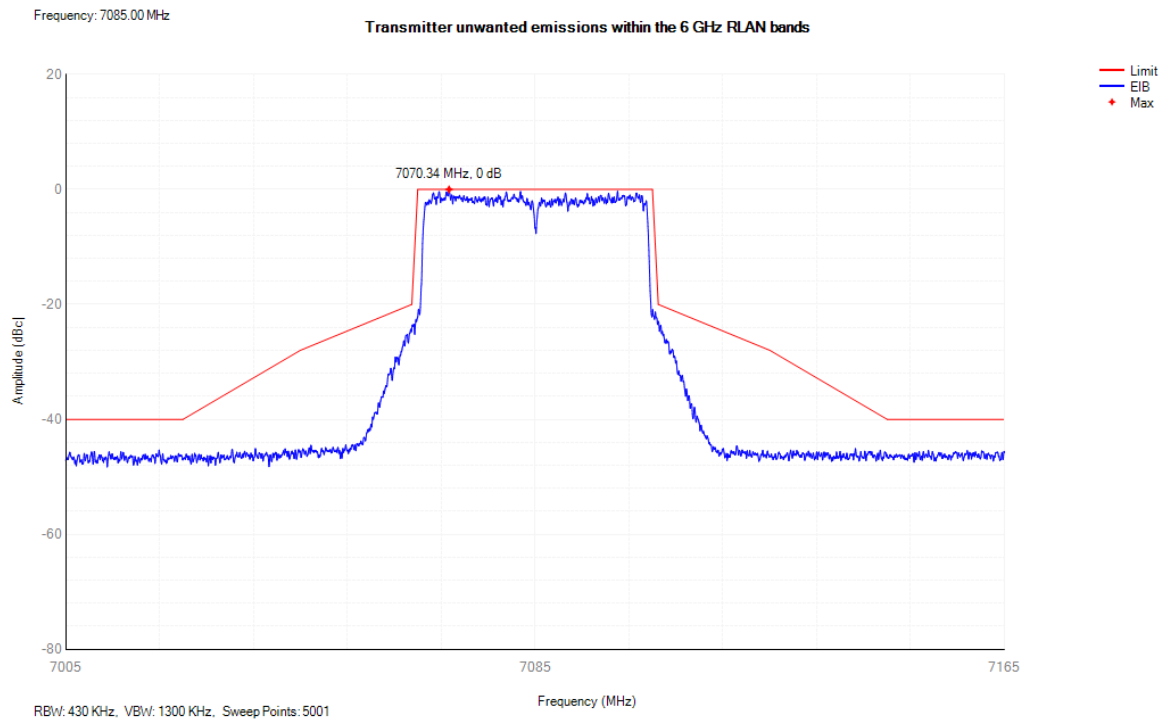
Power spectral mask NVNT ax40 6925MHz



Power spectral mask NVNT ax40 7005MHz



Power spectral mask NVNT ax40 7085MHz



Power spectral mask NVNT ax80 6945MHz

