

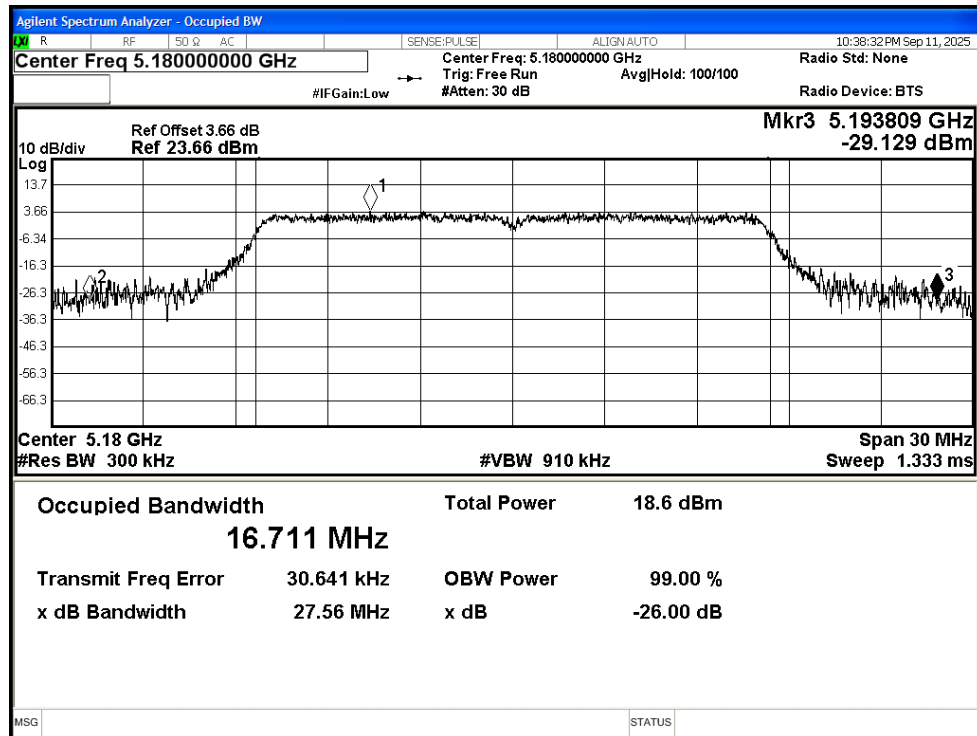
Appendix RF test data for WIFI5.2G

D.1 -26dB Bandwidth

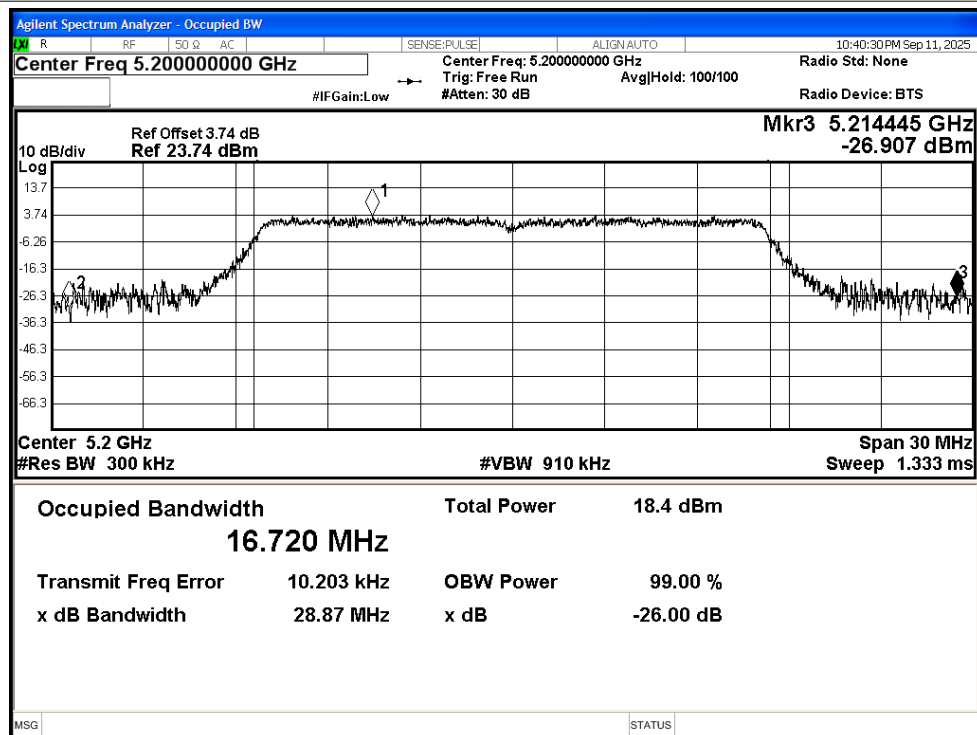
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	27.556	≥ 0.5	Pass
NVNT	a	5200	Ant1	28.869	≥ 0.5	Pass
NVNT	a	5240	Ant1	25.082	≥ 0.5	Pass
NVNT	n20	5180	Ant1	28.509	≥ 0.5	Pass
NVNT	n20	5200	Ant1	26.703	≥ 0.5	Pass
NVNT	n20	5240	Ant1	27.464	≥ 0.5	Pass
NVNT	n40	5190	Ant1	51.989	≥ 0.5	Pass
NVNT	n40	5230	Ant1	52.468	≥ 0.5	Pass
NVNT	ac20	5180	Ant1	26.238	≥ 0.5	Pass
NVNT	ac20	5200	Ant1	28.125	≥ 0.5	Pass
NVNT	ac20	5240	Ant1	29.206	≥ 0.5	Pass
NVNT	ac40	5190	Ant1	52.45	≥ 0.5	Pass
NVNT	ac40	5230	Ant1	49.91	≥ 0.5	Pass
NVNT	ac80	5210	Ant1	84.836	≥ 0.5	Pass
NVNT	ax20	5180	Ant1	27.623	≥ 0.5	Pass
NVNT	ax20	5200	Ant1	26.761	≥ 0.5	Pass
NVNT	ax20	5240	Ant1	28.362	≥ 0.5	Pass
NVNT	ax40	5190	Ant1	47.117	≥ 0.5	Pass
NVNT	ax40	5230	Ant1	45.235	≥ 0.5	Pass
NVNT	ax80	5210	Ant1	85.37	≥ 0.5	Pass

Test Graphs

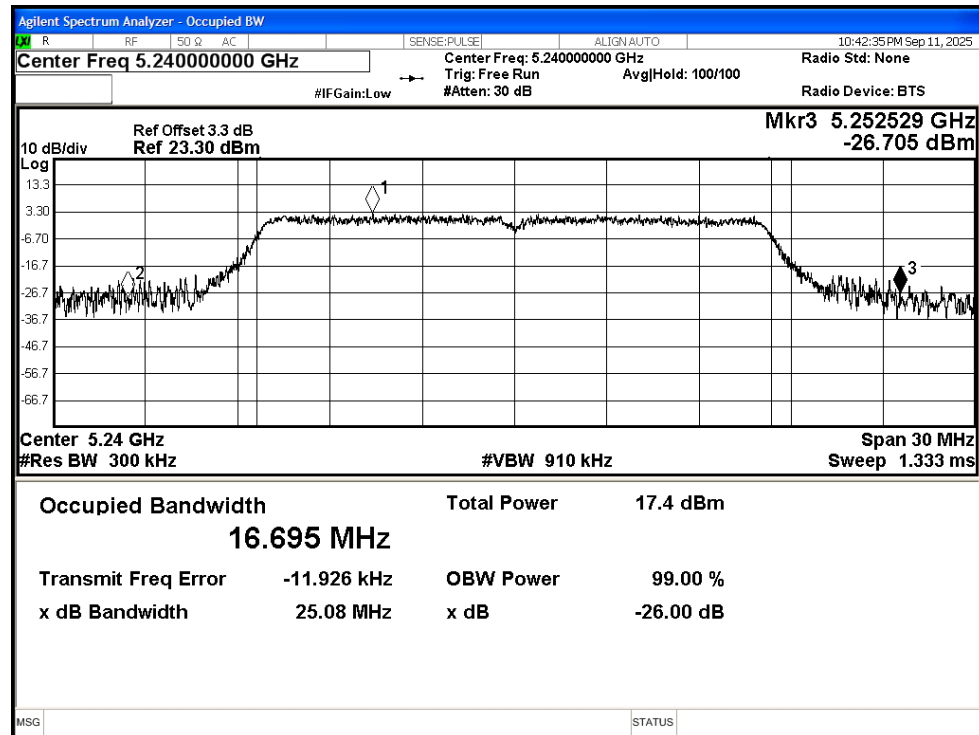
-26dB Bandwidth NVNT a 5180MHz Ant1



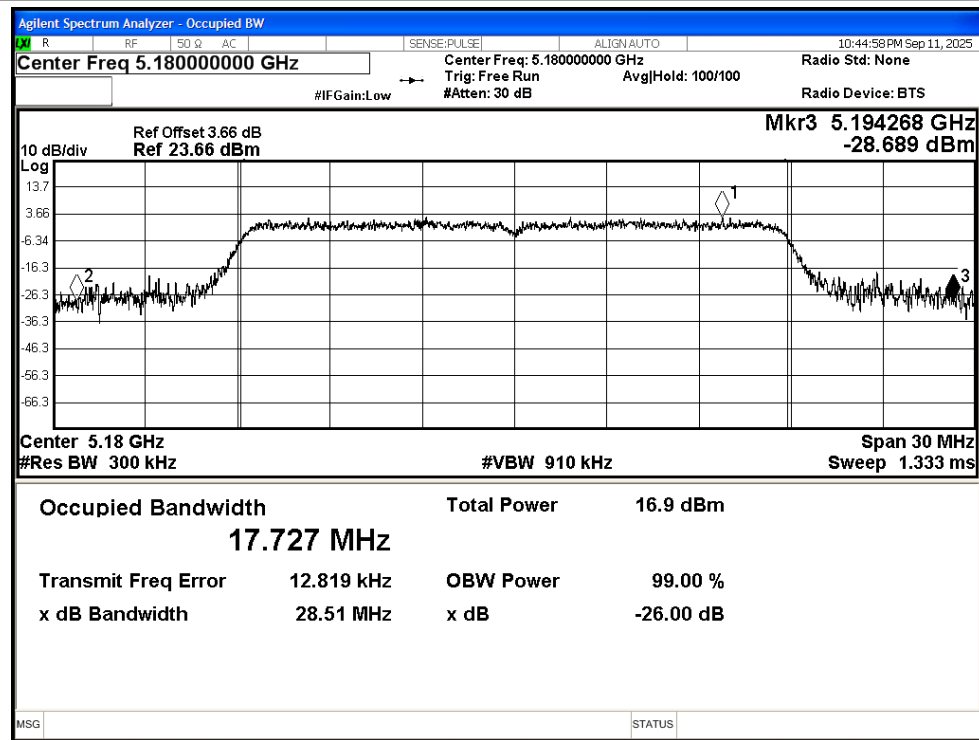
-26dB Bandwidth NVNT a 5200MHz Ant1



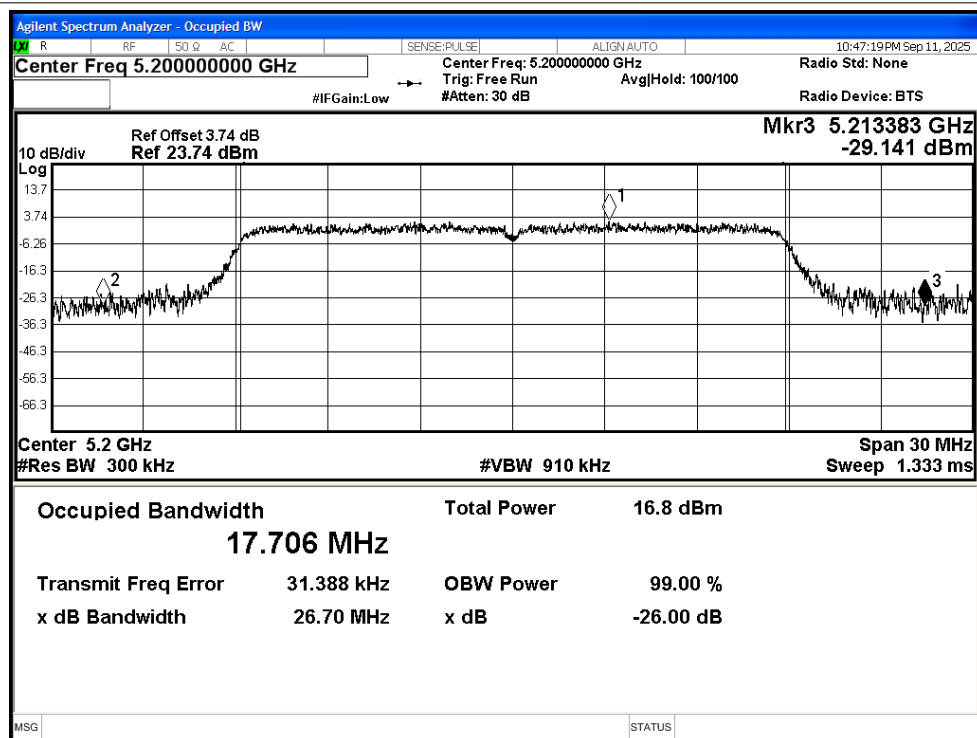
-26dB Bandwidth NVNT a 5240MHz Ant1



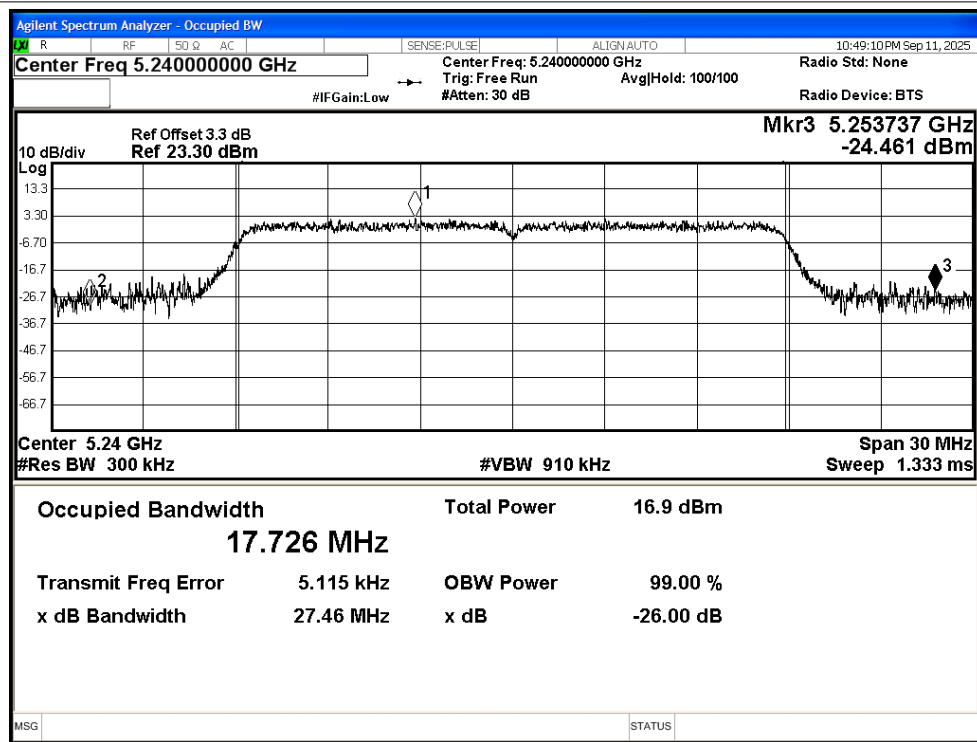
-26dB Bandwidth NVNT n20 5180MHz Ant1



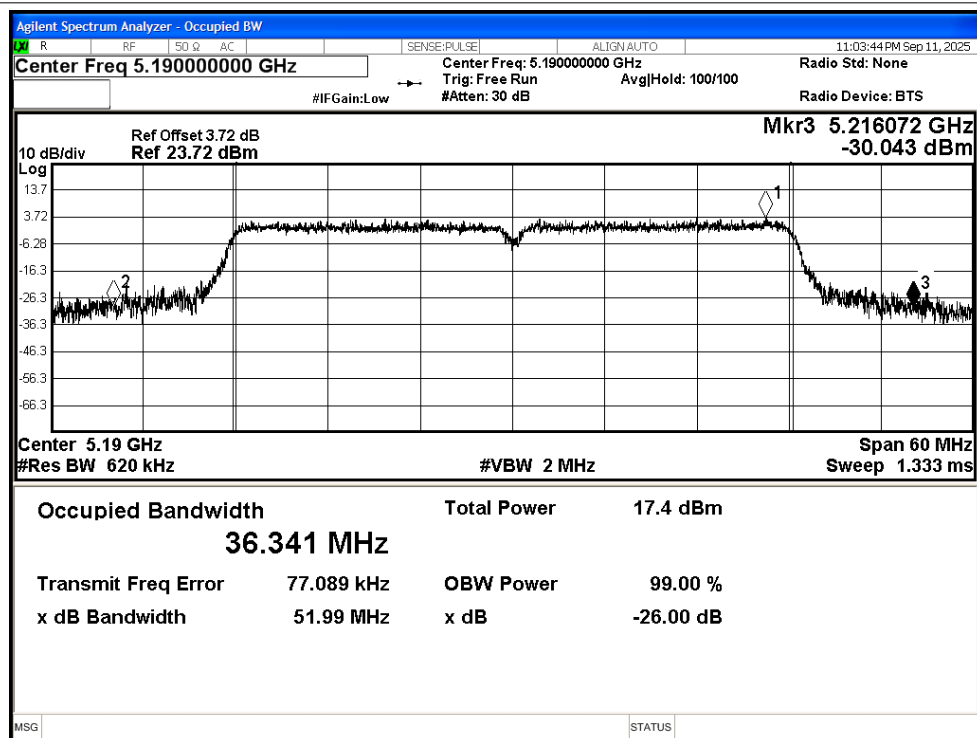
-26dB Bandwidth NVNT n20 5200MHz Ant1



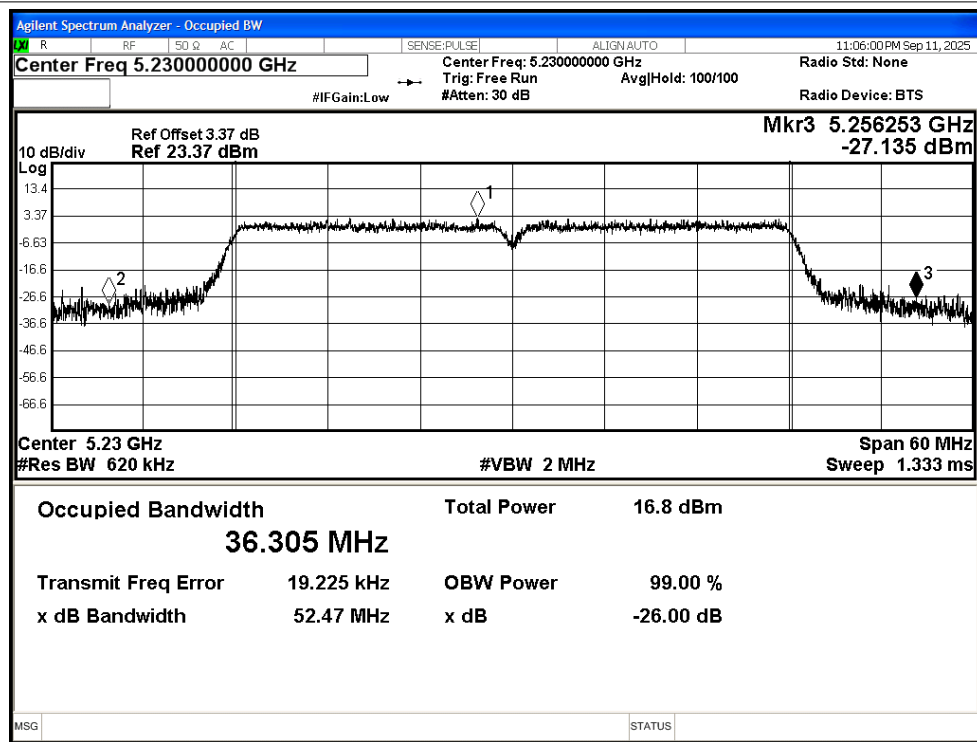
-26dB Bandwidth NVNT n20 5240MHz Ant1



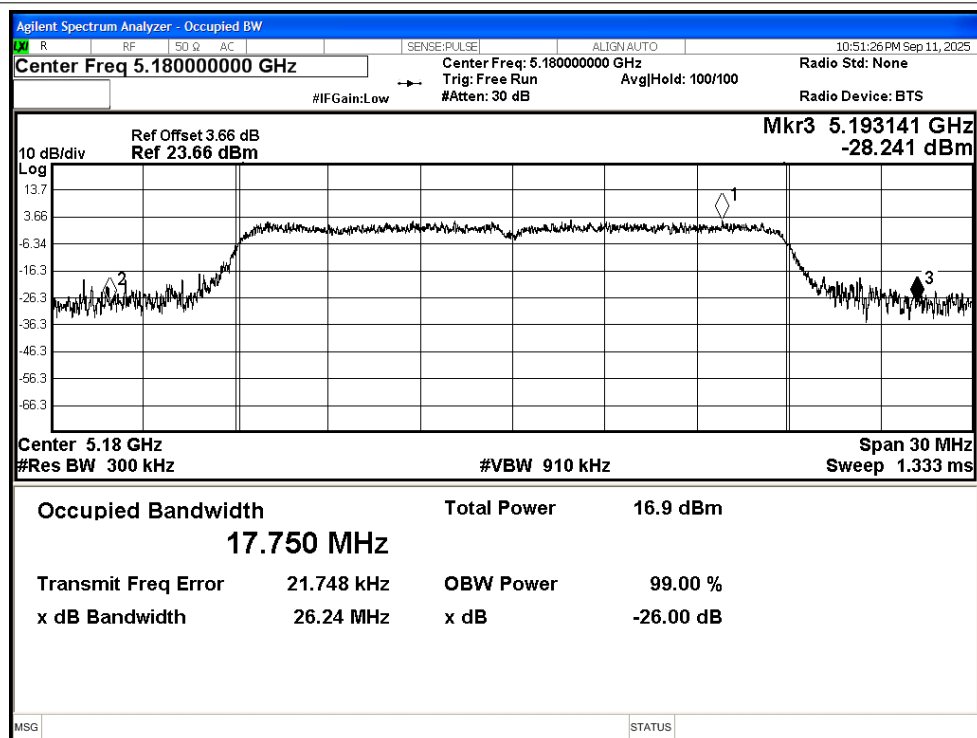
-26dB Bandwidth NVNT n40 5190MHz Ant1



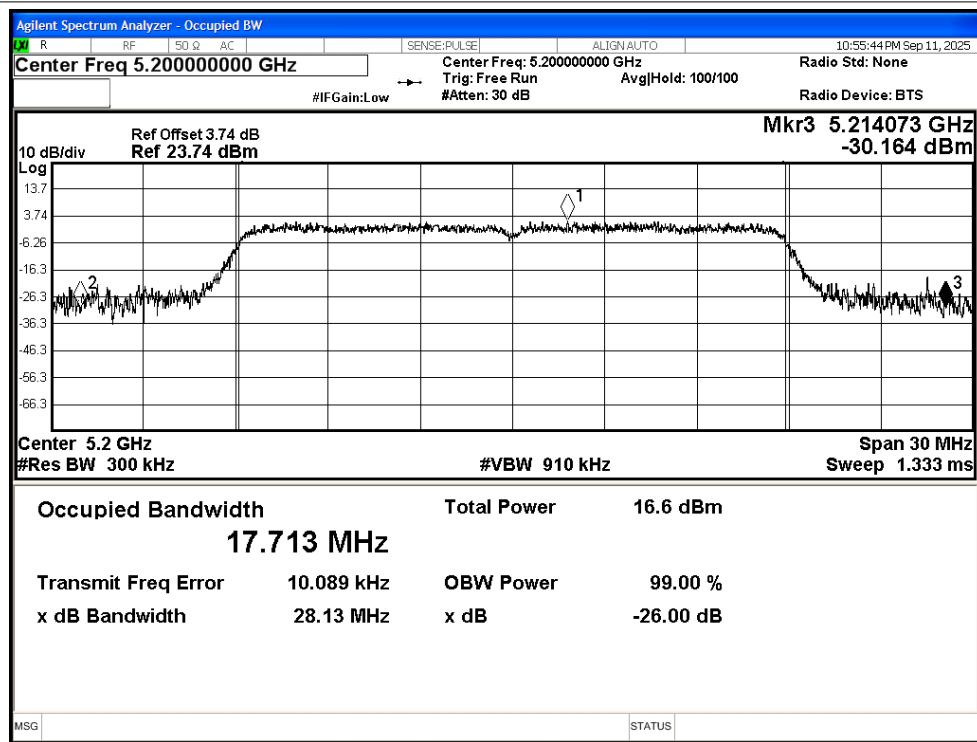
-26dB Bandwidth NVNT n40 5230MHz Ant1



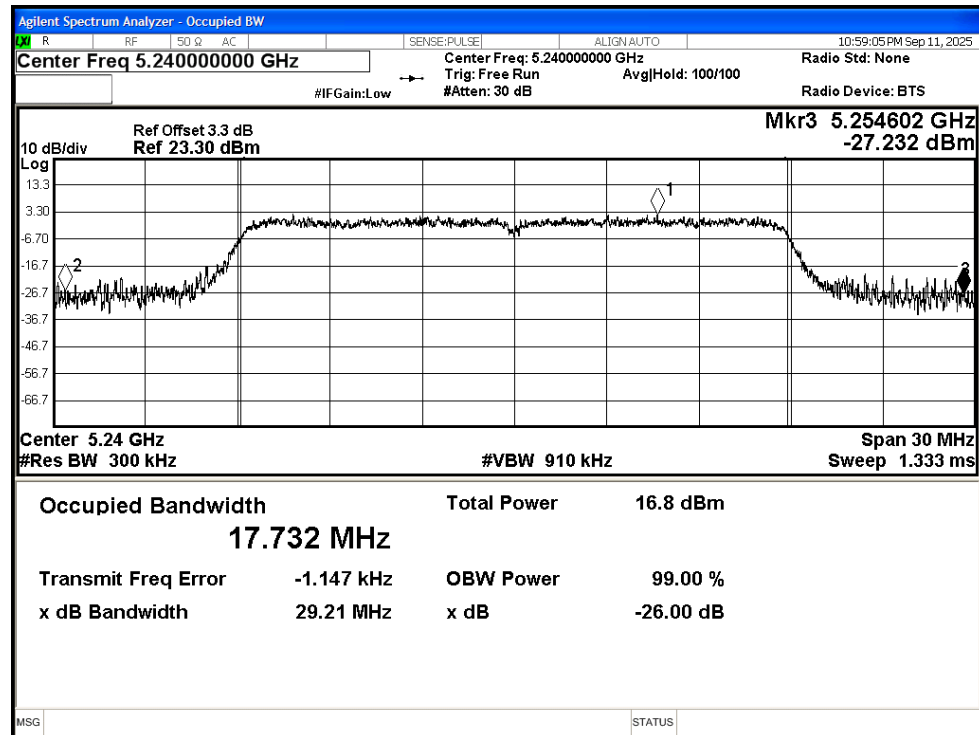
-26dB Bandwidth NVNT ac20 5180MHz Ant1



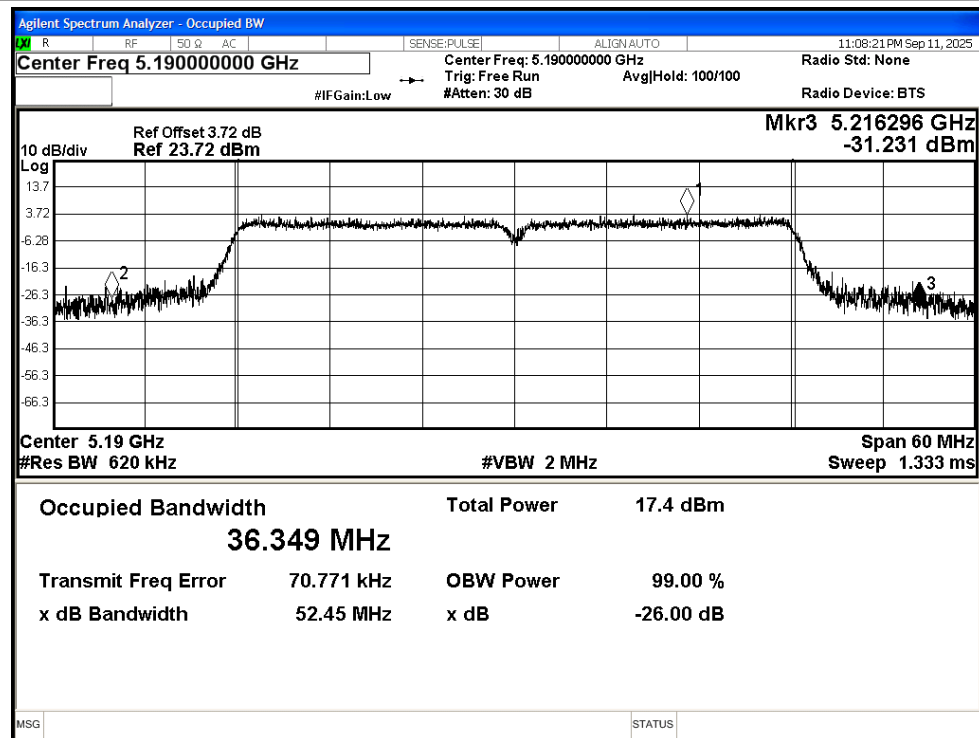
-26dB Bandwidth NVNT ac20 5200MHz Ant1



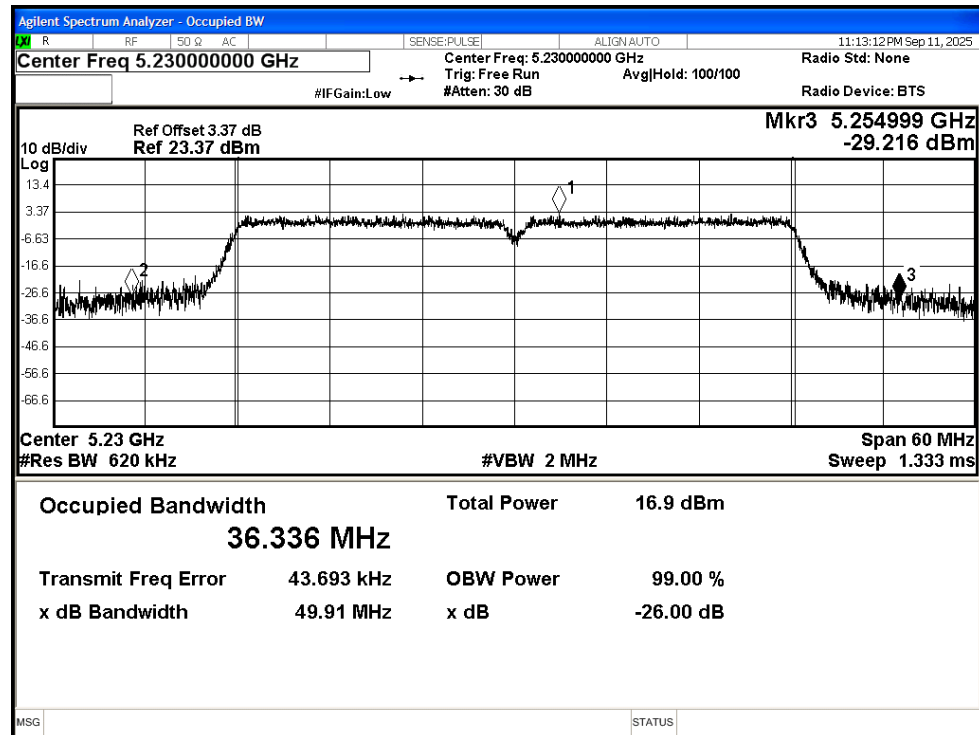
-26dB Bandwidth NVNT ac20 5240MHz Ant1



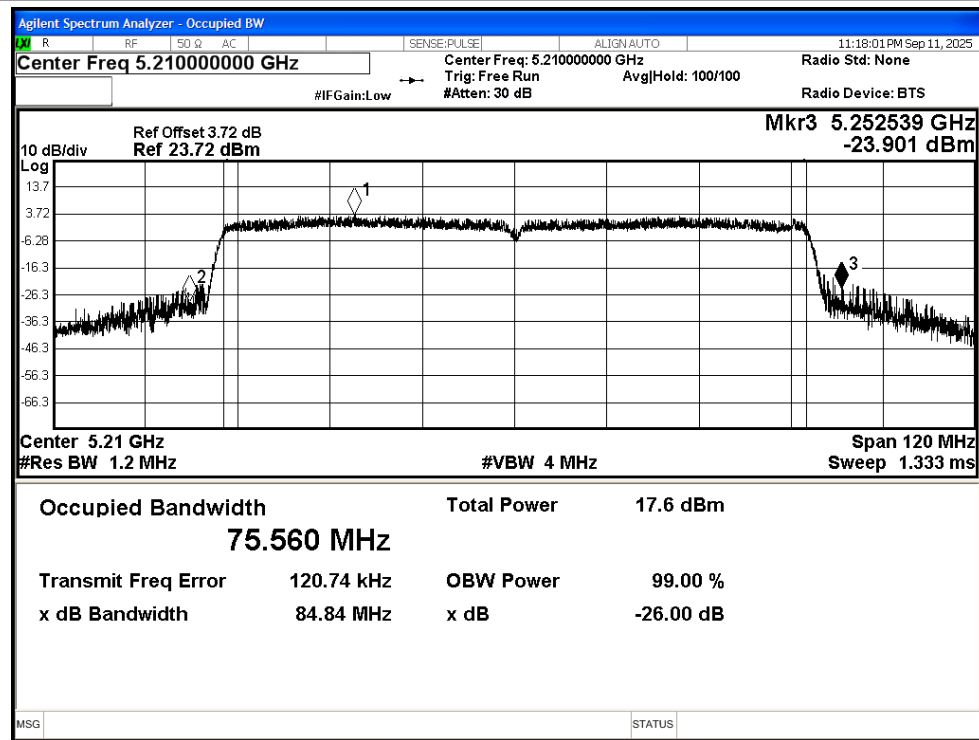
-26dB Bandwidth NVNT ac40 5190MHz Ant1



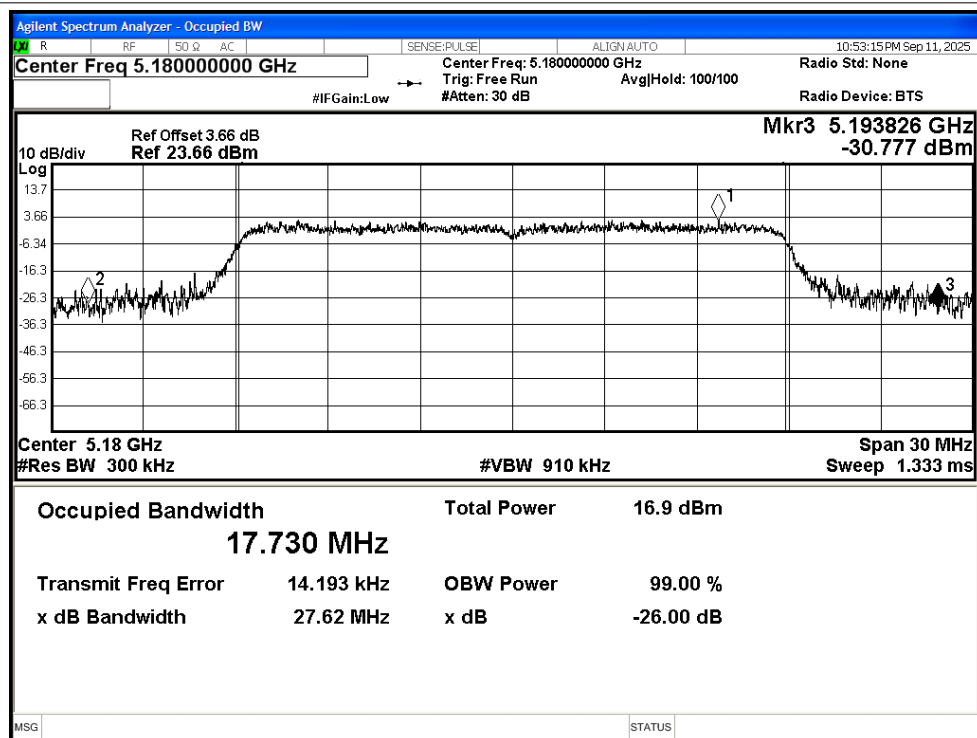
-26dB Bandwidth NVNT ac40 5230MHz Ant1



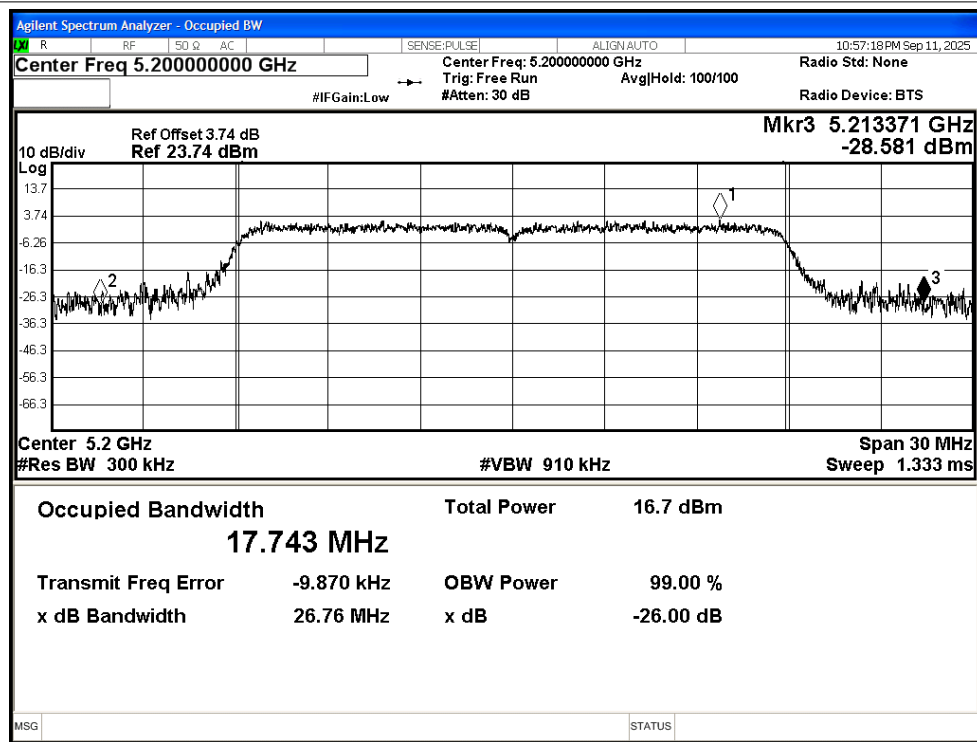
-26dB Bandwidth NVNT ac80 5210MHz Ant1



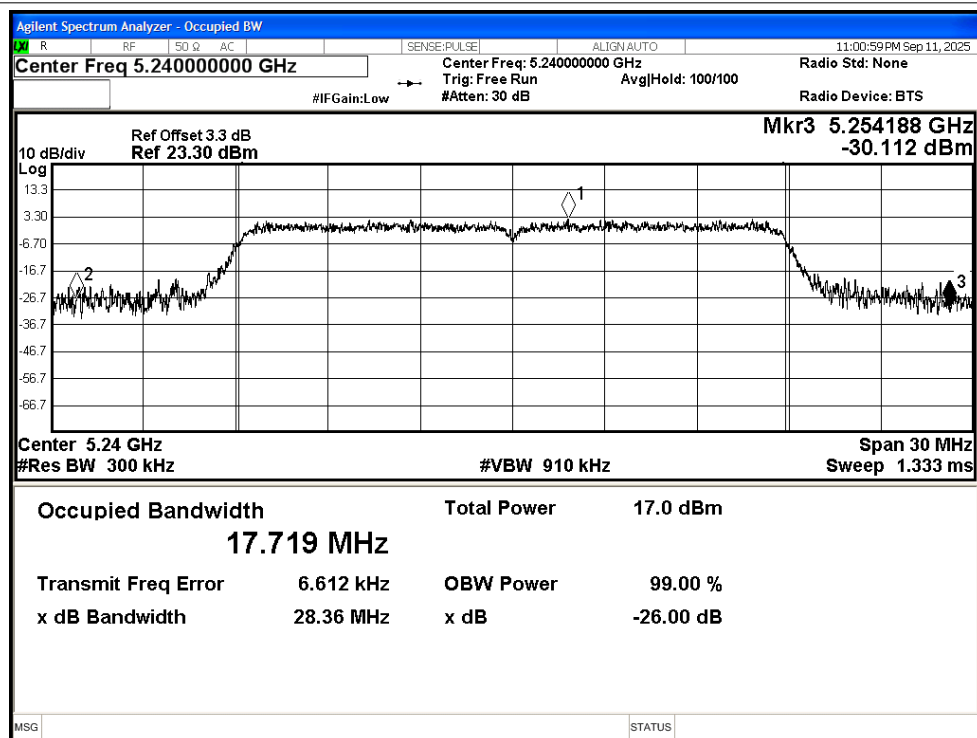
-26dB Bandwidth NVNT ax20 5180MHz Ant1



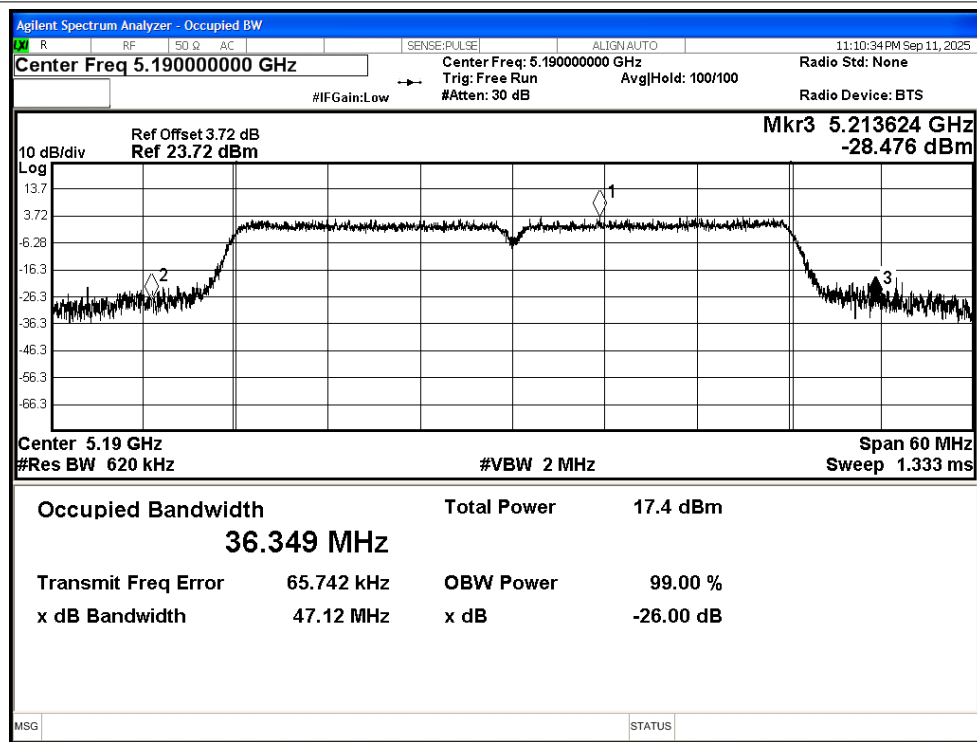
-26dB Bandwidth NVNT ax20 5200MHz Ant1



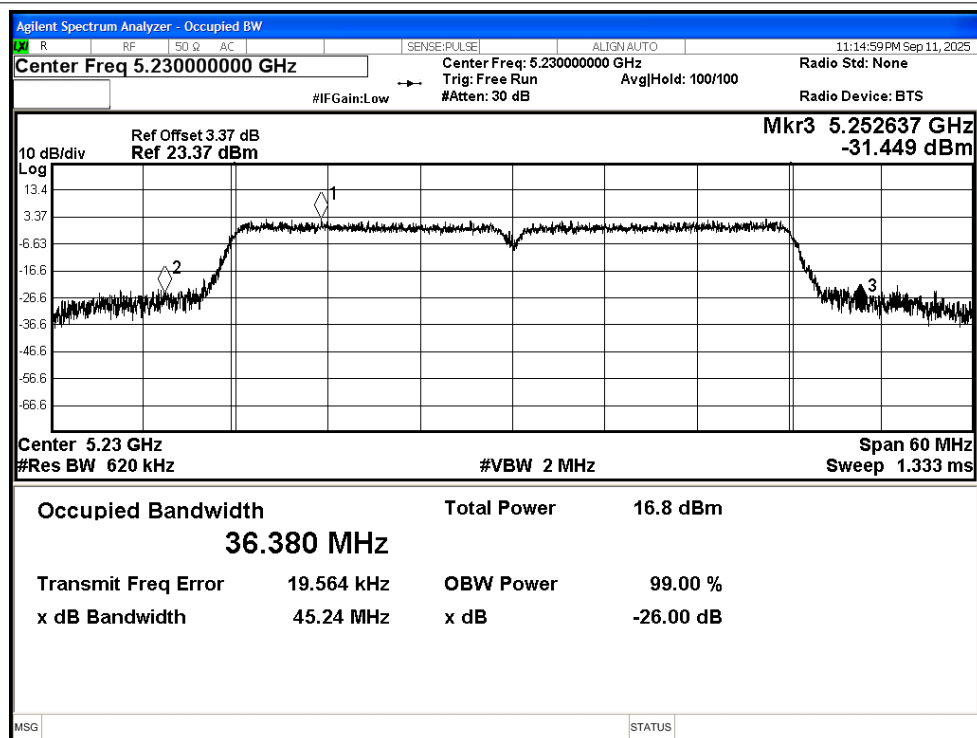
-26dB Bandwidth NVNT ax20 5240MHz Ant1



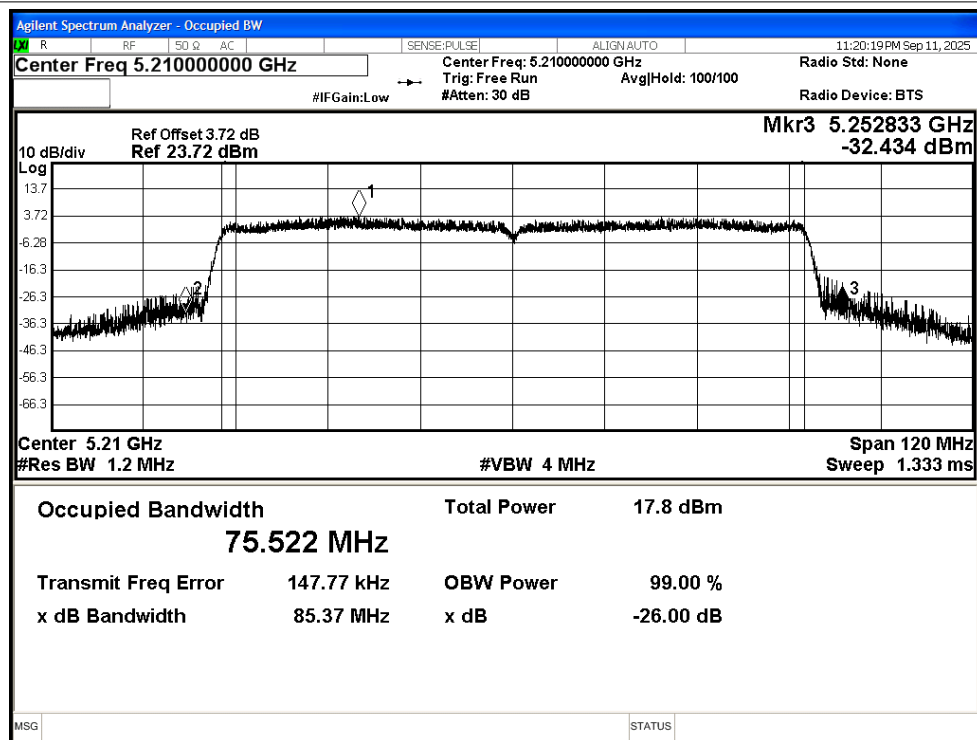
-26dB Bandwidth NVNT ax40 5190MHz Ant1



-26dB Bandwidth NVNT ax40 5230MHz Ant1



-26dB Bandwidth NVNT ax80 5210MHz Ant1



D.2 Maximum Conducted Output Power

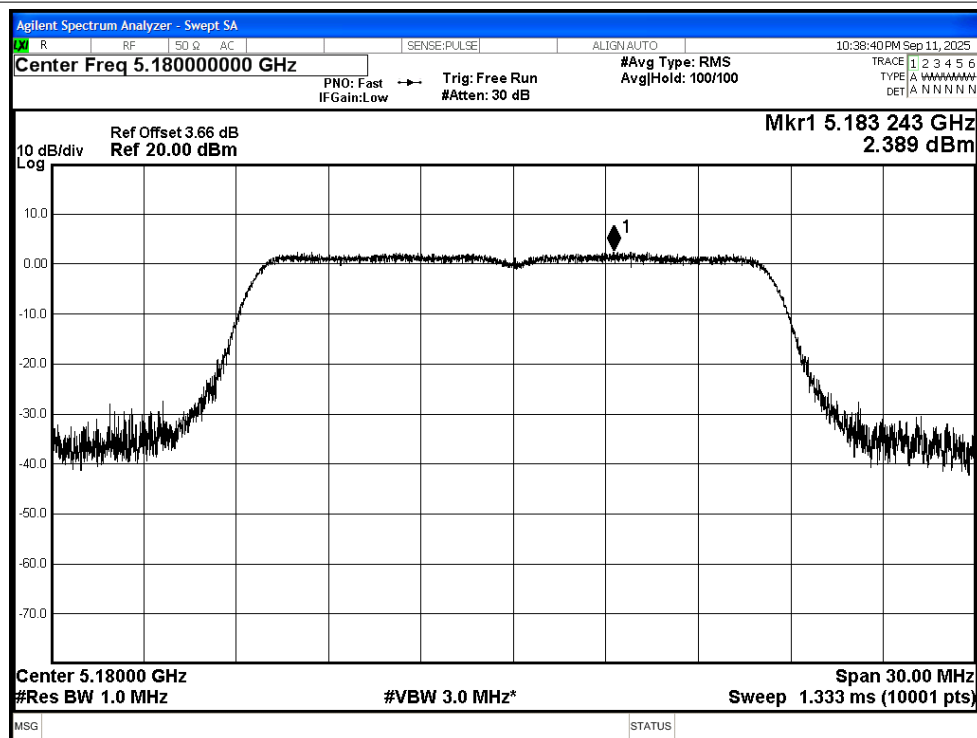
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	12.59	0.1	12.69	24	Pass
NVNT	a	5200	Ant1	12.76	0.1	12.86	24	Pass
NVNT	a	5240	Ant1	11.72	0.1	11.82	24	Pass
NVNT	n20	5180	Ant1	11.41	0.12	11.53	24	Pass
NVNT	n20	5200	Ant1	11.23	0.12	11.35	24	Pass
NVNT	n20	5240	Ant1	11.35	0.12	11.47	24	Pass
NVNT	n40	5190	Ant1	11.04	0.23	11.27	24	Pass
NVNT	n40	5230	Ant1	10.33	0.24	10.57	24	Pass
NVNT	ac20	5180	Ant1	11.39	0.12	11.51	24	Pass
NVNT	ac20	5200	Ant1	11.22	0.12	11.34	24	Pass
NVNT	ac20	5240	Ant1	11.31	0.12	11.43	24	Pass
NVNT	ac40	5190	Ant1	11.12	0.24	11.36	24	Pass
NVNT	ac40	5230	Ant1	10.44	0.24	10.68	24	Pass
NVNT	ac80	5210	Ant1	10.42	0.47	10.89	24	Pass
NVNT	ax20	5180	Ant1	11.39	0.12	11.51	24	Pass
NVNT	ax20	5200	Ant1	11.18	0.12	11.30	24	Pass
NVNT	ax20	5240	Ant1	11.40	0.12	11.52	24	Pass
NVNT	ax40	5190	Ant1	11.16	0.24	11.40	24	Pass
NVNT	ax40	5230	Ant1	10.26	0.24	10.50	24	Pass
NVNT	ax80	5210	Ant1	10.38	0.47	10.85	24	Pass

D.3 Maximum Power Spectral Density Level

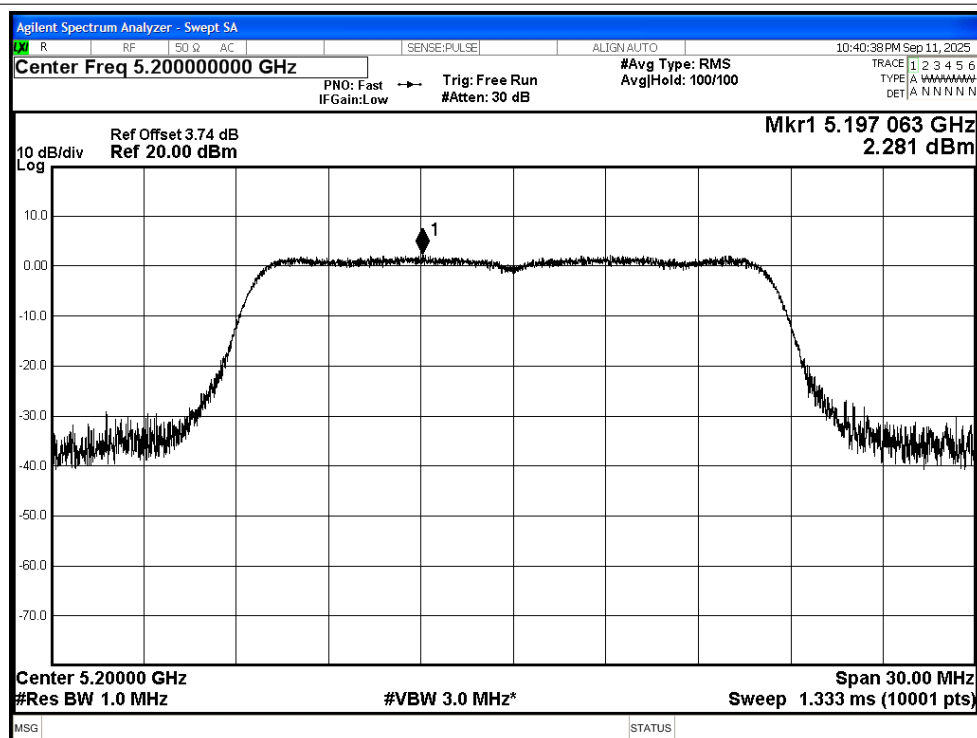
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	2.39	0.1	2.49	11	Pass
NVNT	a	5200	Ant1	2.28	0.1	2.38	11	Pass
NVNT	a	5240	Ant1	1.38	0.1	1.48	11	Pass
NVNT	n20	5180	Ant1	0.89	0.12	1.01	11	Pass
NVNT	n20	5200	Ant1	0.52	0.12	0.64	11	Pass
NVNT	n20	5240	Ant1	0.44	0.12	0.56	11	Pass
NVNT	n40	5190	Ant1	-2.67	0.23	-2.44	11	Pass
NVNT	n40	5230	Ant1	-3.17	0.24	-2.93	11	Pass
NVNT	ac20	5180	Ant1	0.65	0.12	0.77	11	Pass
NVNT	ac20	5200	Ant1	0.65	0.12	0.77	11	Pass
NVNT	ac20	5240	Ant1	0.53	0.12	0.65	11	Pass
NVNT	ac40	5190	Ant1	-2.54	0.24	-2.3	11	Pass
NVNT	ac40	5230	Ant1	-3.26	0.24	-3.02	11	Pass
NVNT	ac80	5210	Ant1	-6.07	0.47	-5.6	11	Pass
NVNT	ax20	5180	Ant1	0.65	0.12	0.77	11	Pass
NVNT	ax20	5200	Ant1	0.39	0.12	0.51	11	Pass
NVNT	ax20	5240	Ant1	0.56	0.12	0.68	11	Pass
NVNT	ax40	5190	Ant1	-2.6	0.24	-2.36	11	Pass
NVNT	ax40	5230	Ant1	-3.14	0.24	-2.9	11	Pass
NVNT	ax80	5210	Ant1	-5.98	0.47	-5.51	11	Pass

Test Graphs

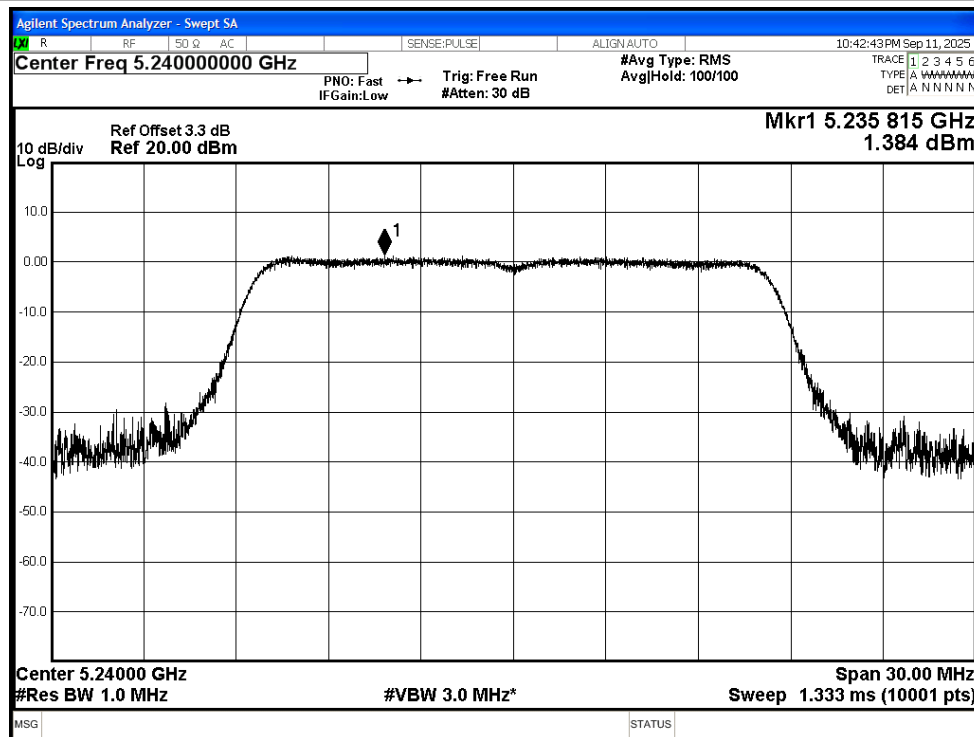
PSD NVNT a 5180MHz Ant1



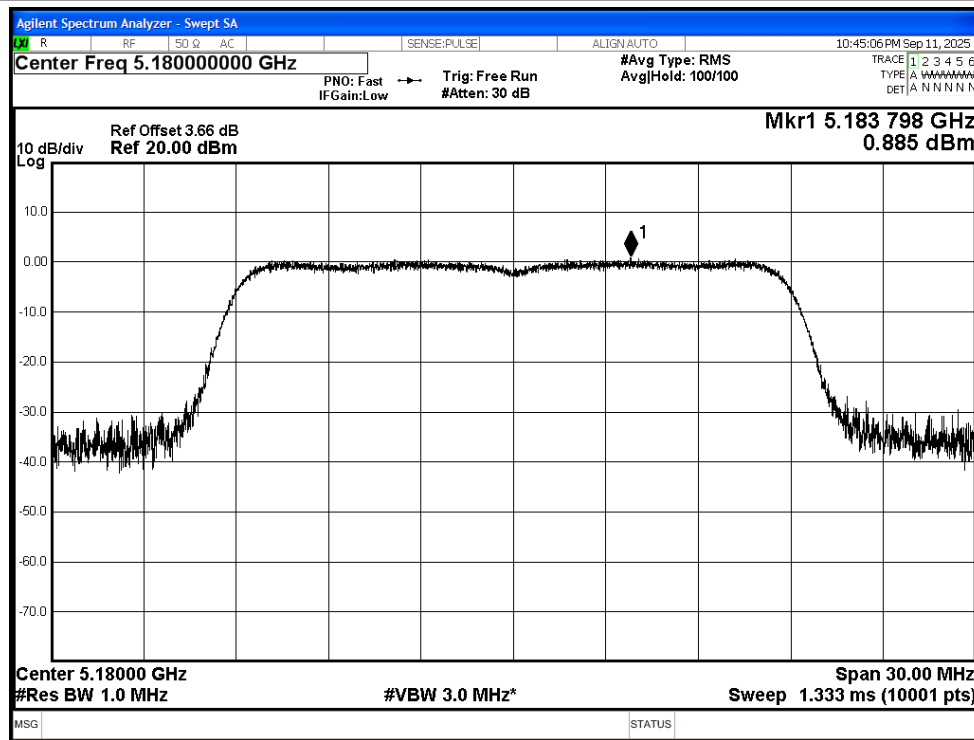
PSD NVNT a 5200MHz Ant1



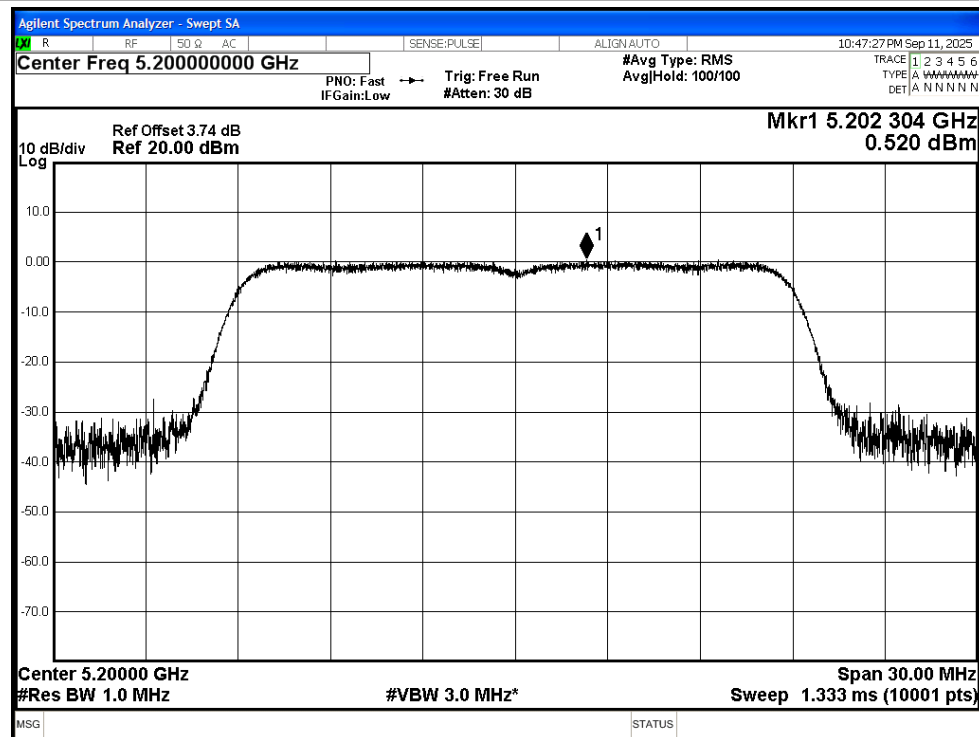
PSD NVNT a 5240MHz Ant1



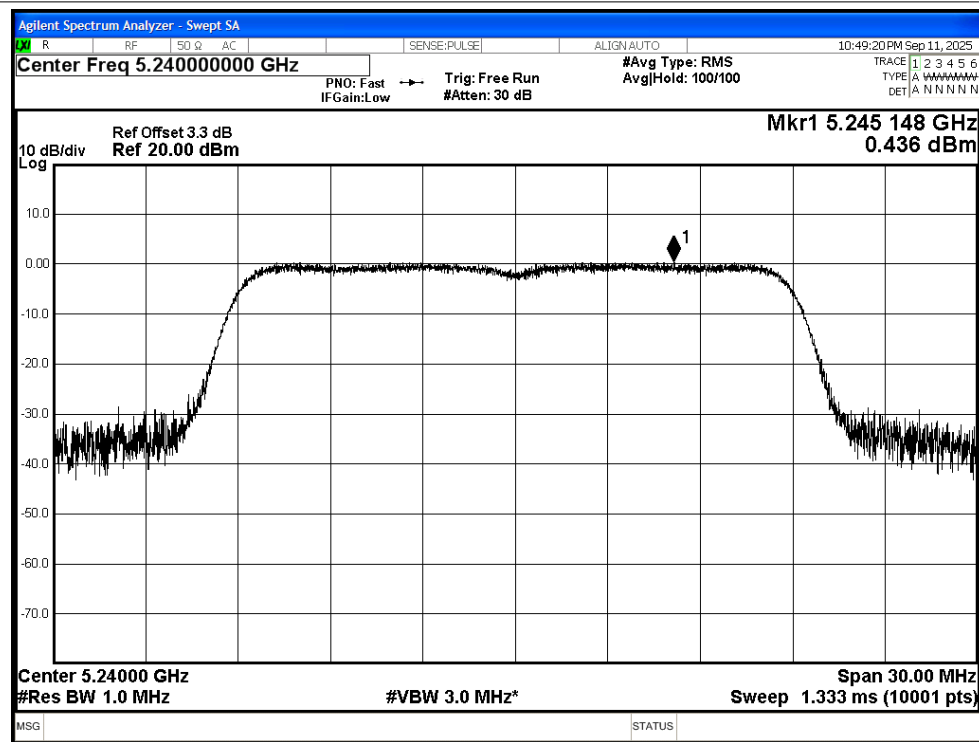
PSD NVNT n20 5180MHz Ant1



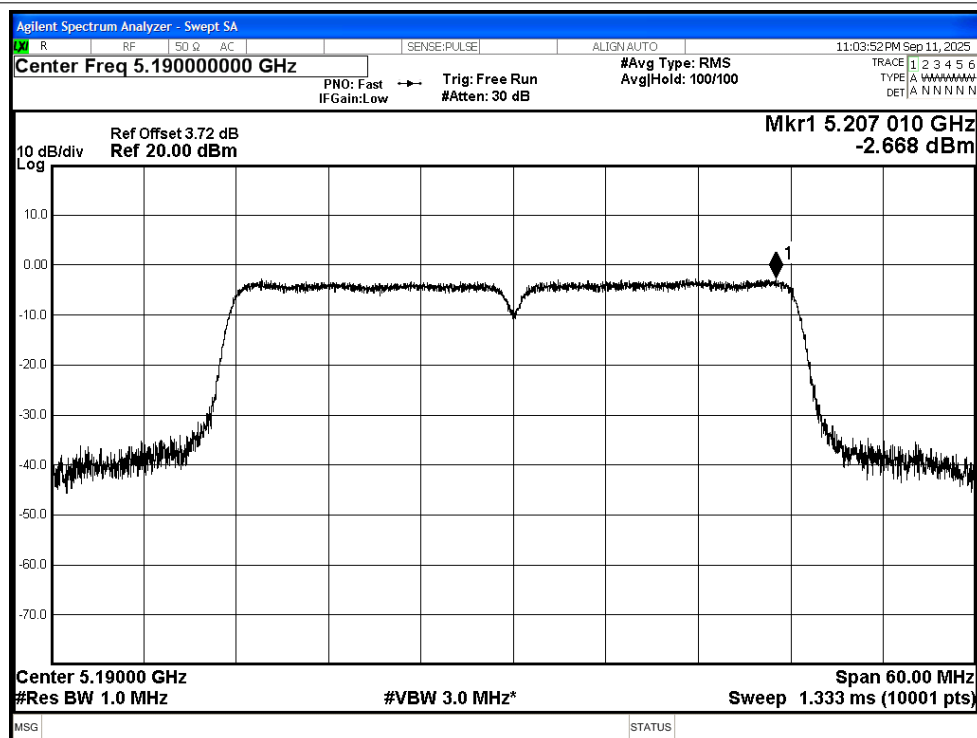
PSD NVNT n20 5200MHz Ant1



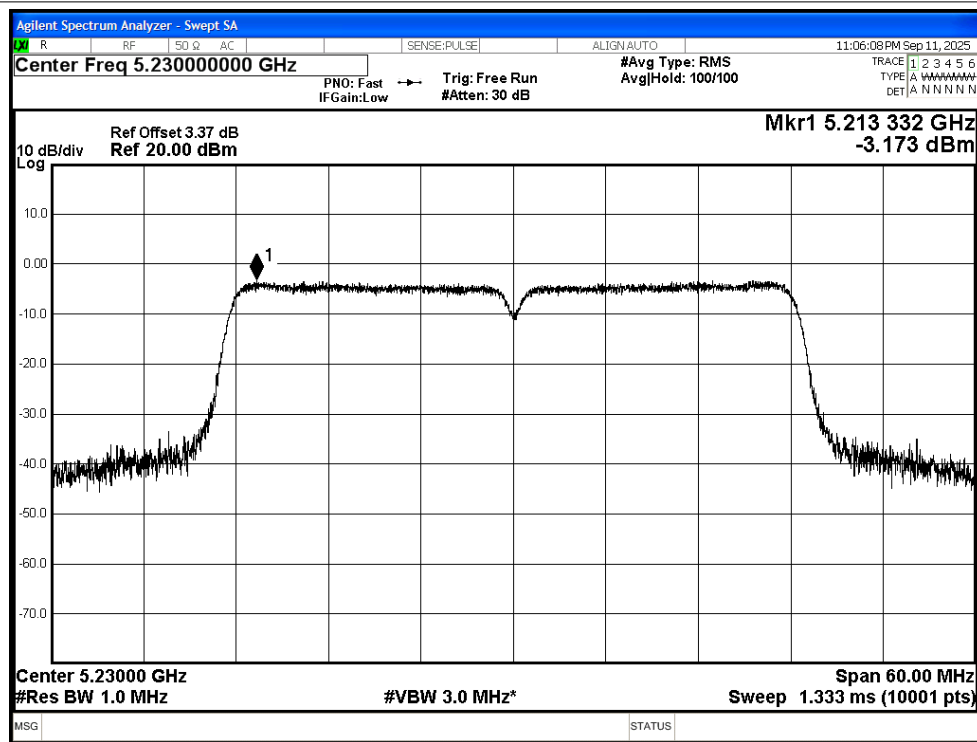
PSD NVNT n20 5240MHz Ant1



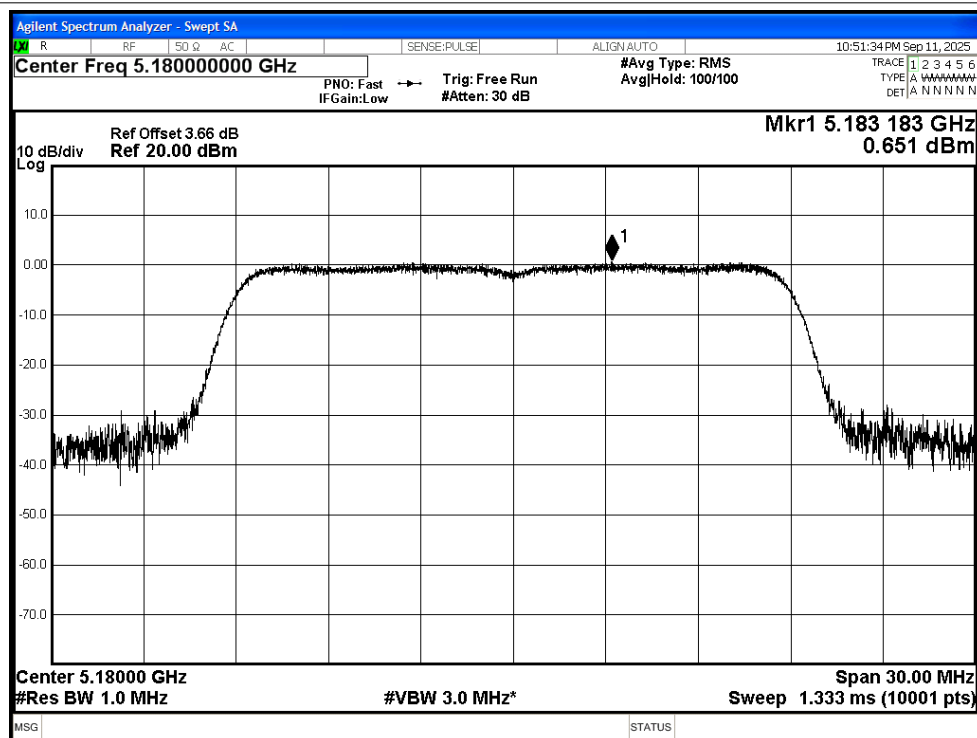
PSD NVNT n40 5190MHz Ant1



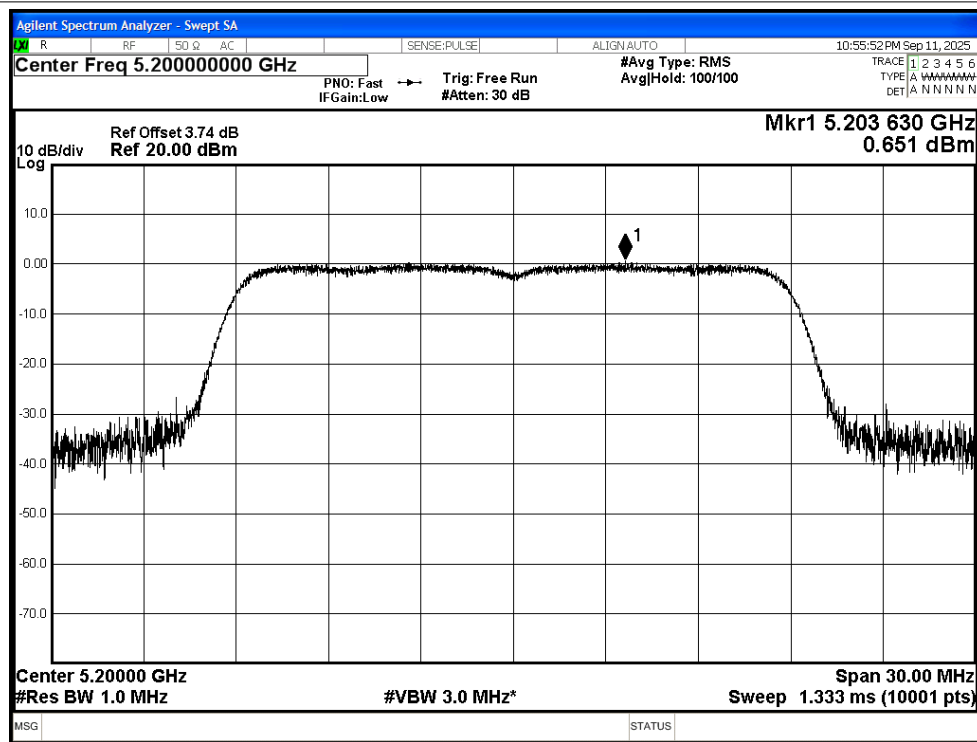
PSD NVNT n40 5230MHz Ant1



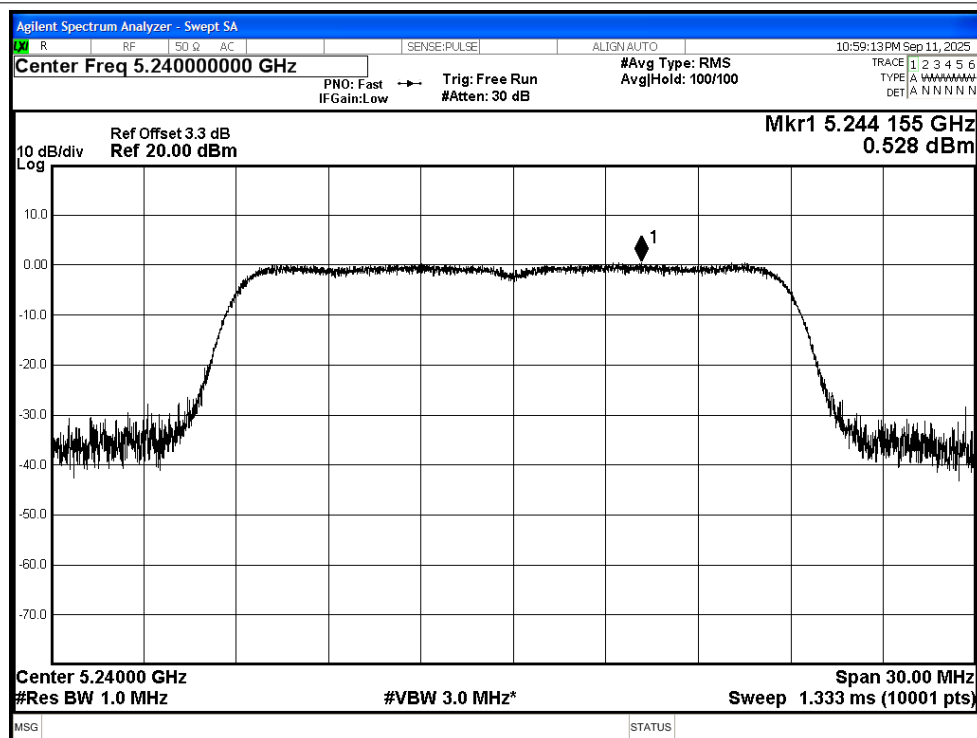
PSD NVNT ac20 5180MHz Ant1



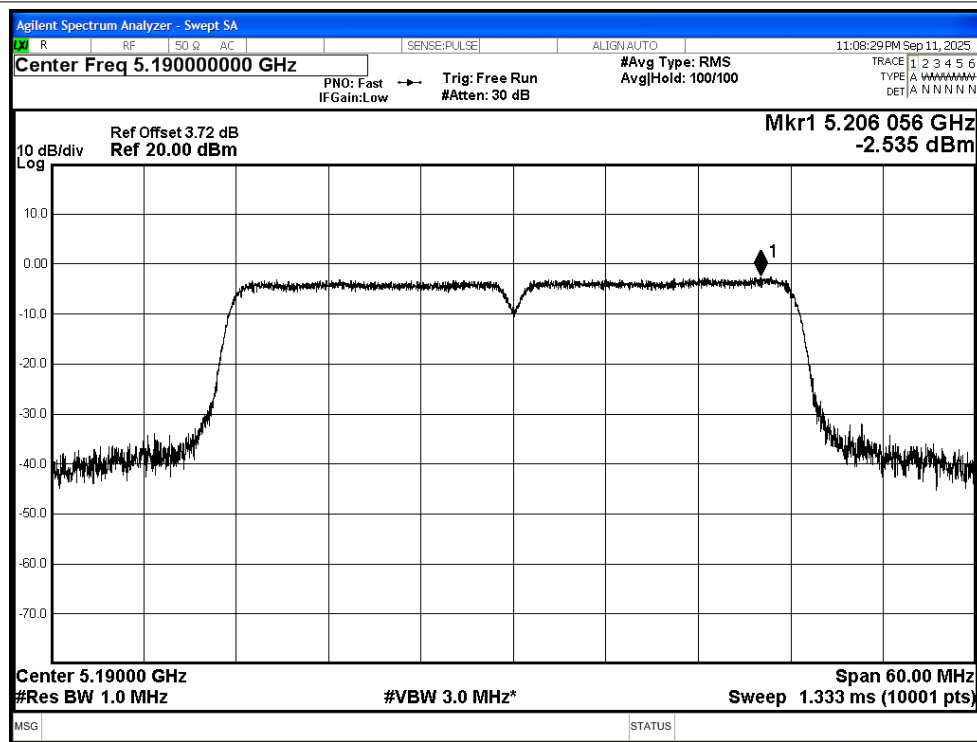
PSD NVNT ac20 5200MHz Ant1



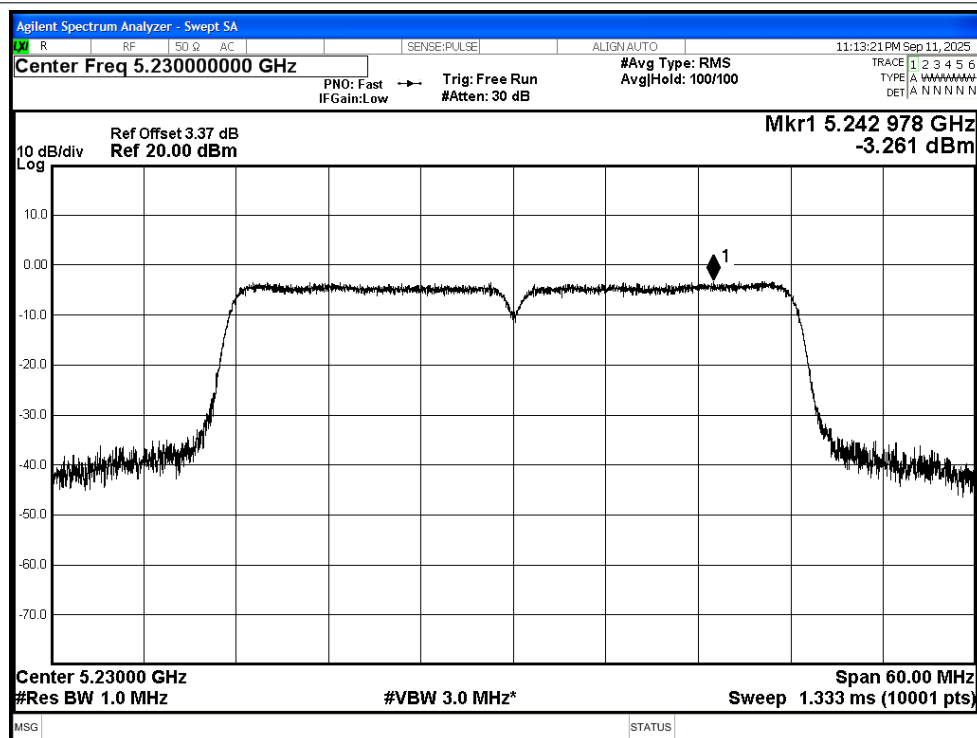
PSD NVNT ac20 5240MHz Ant1



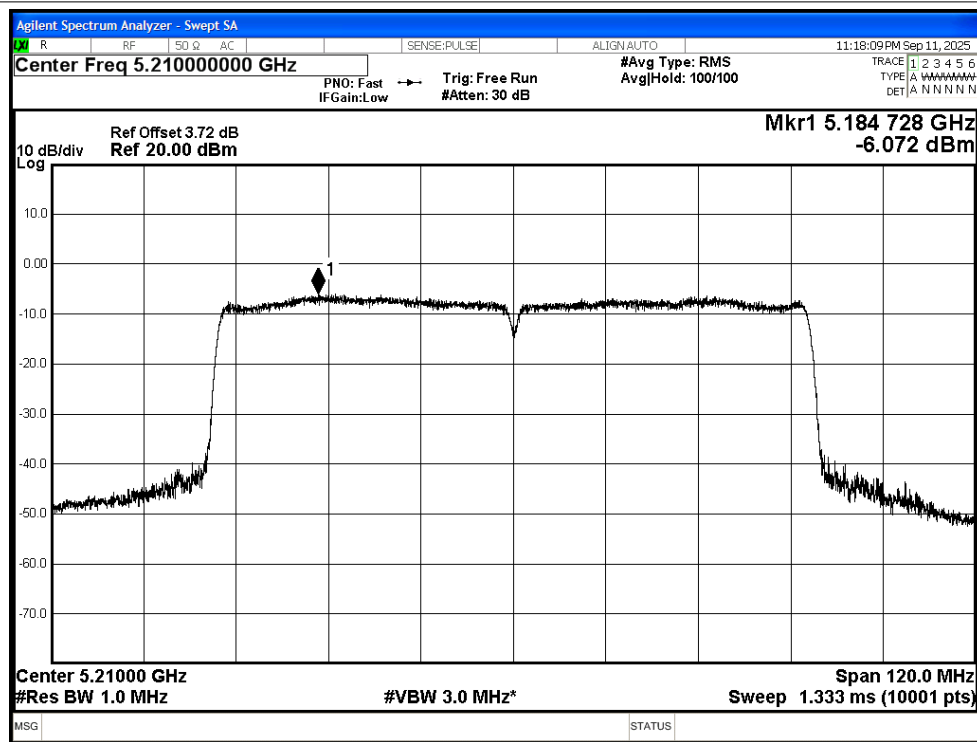
PSD NVNT ac40 5190MHz Ant1



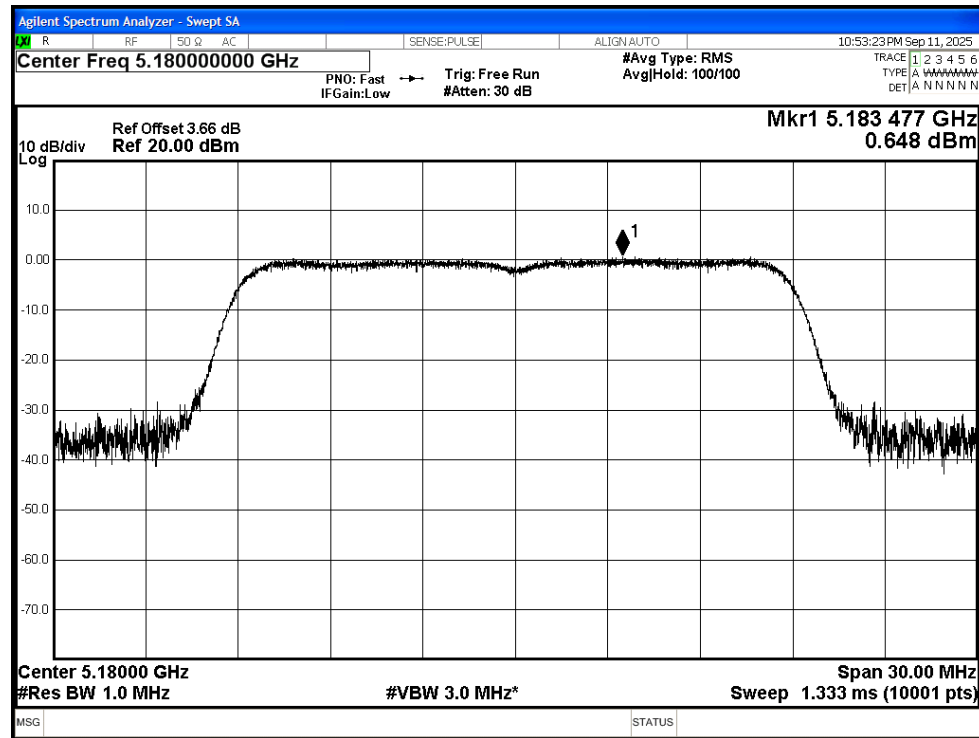
PSD NVNT ac40 5230MHz Ant1



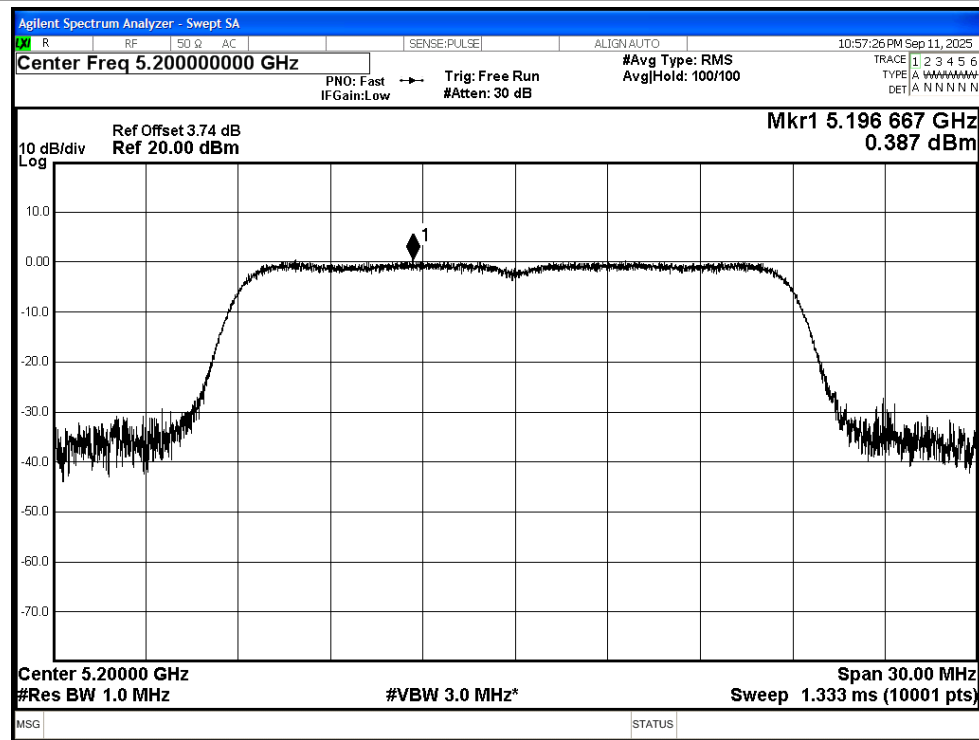
PSD NVNT ac80 5210MHz Ant1



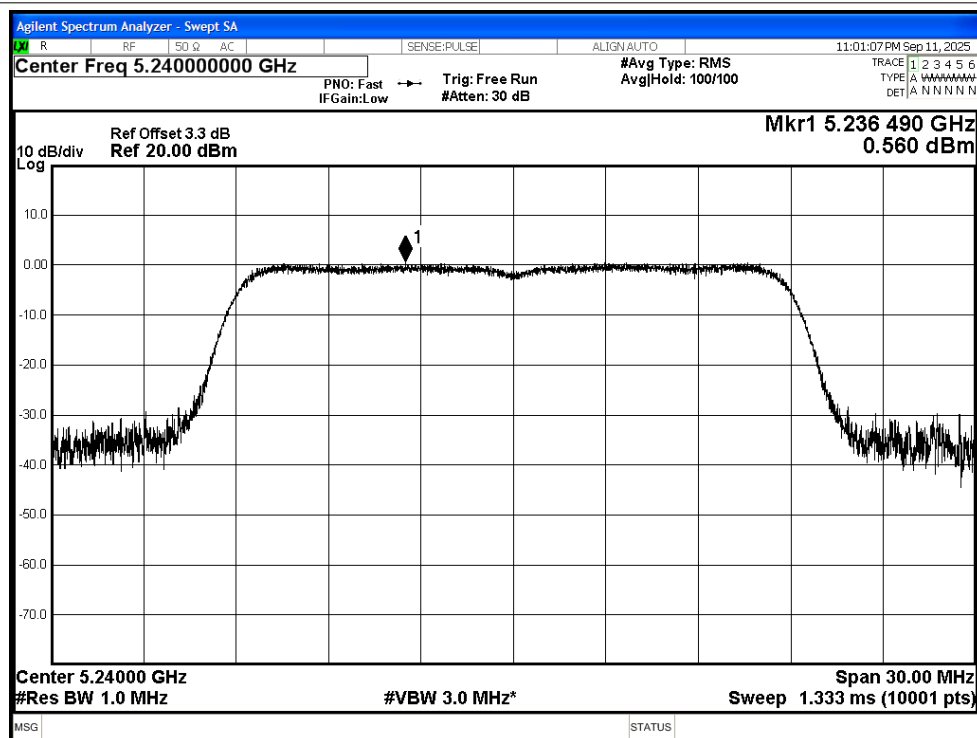
PSD NVNT ax20 5180MHz Ant1



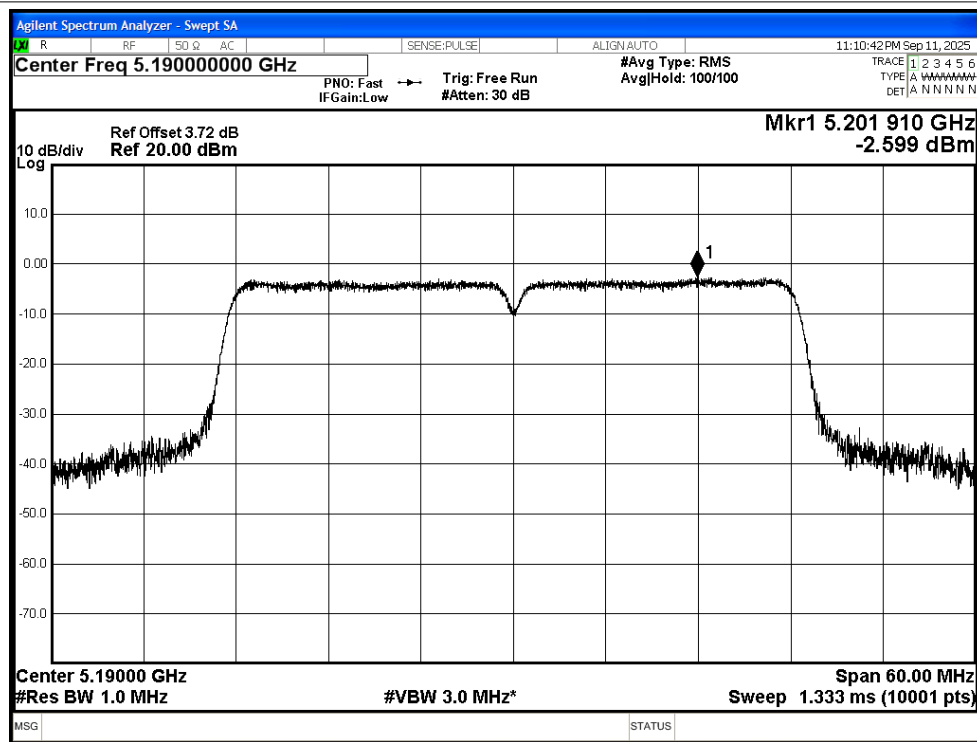
PSD NVNT ax20 5200MHz Ant1



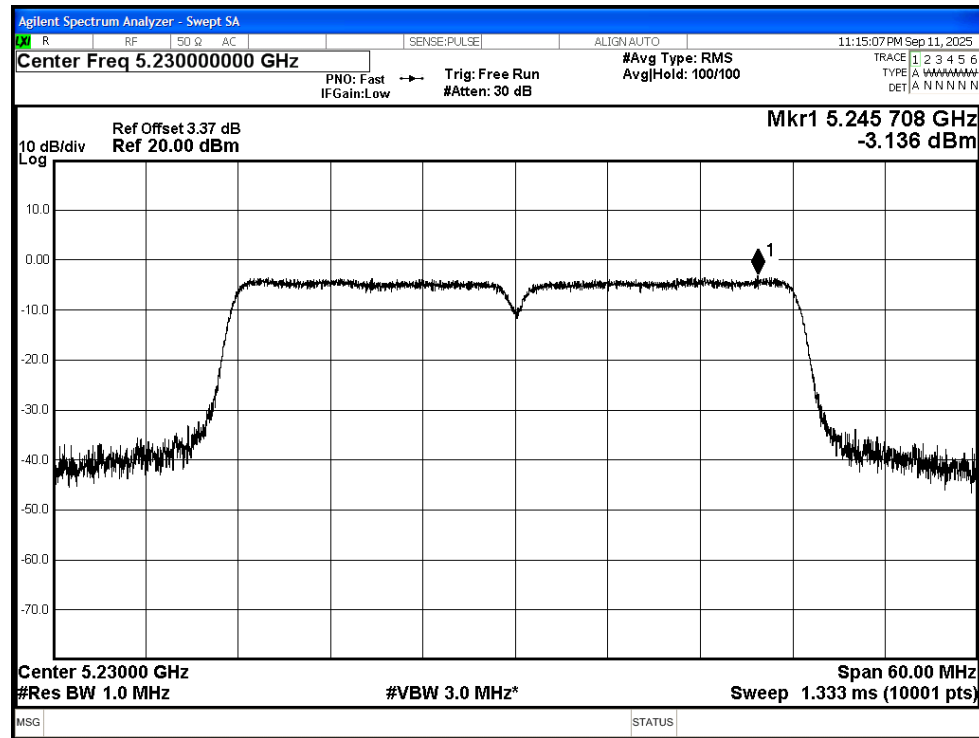
PSD NVNT ax20 5240MHz Ant1



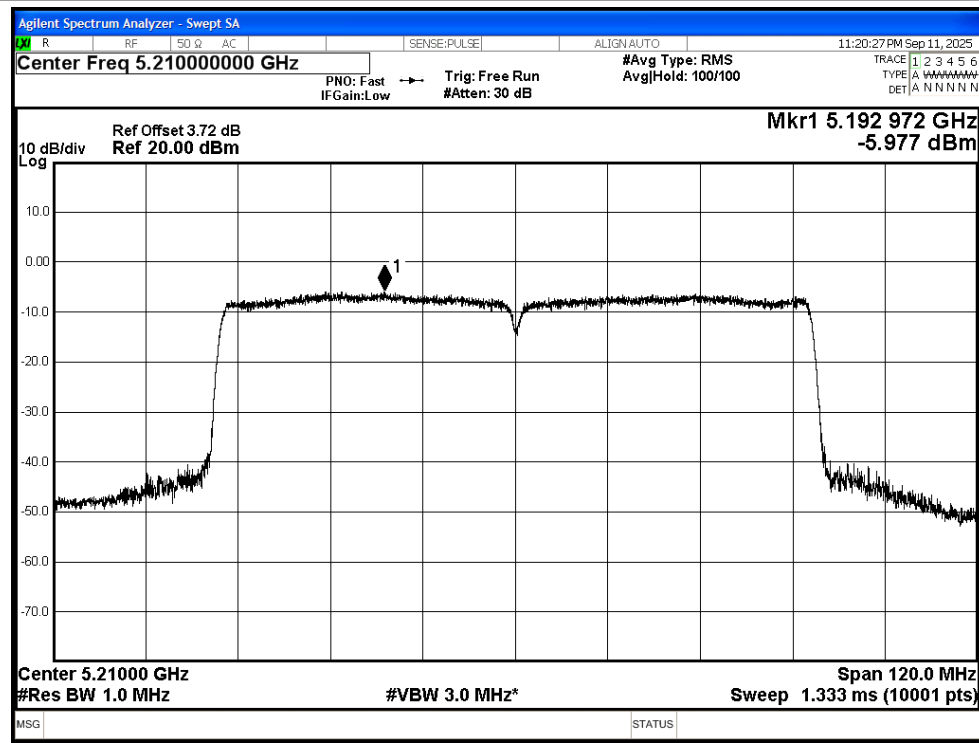
PSD NVNT ax40 5190MHz Ant1



PSD NVNT ax40 5230MHz Ant1



PSD NVNT ax80 5210MHz Ant1



D.4 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5180	Ant1	4500	-49.91	2	-	47.32	Peak	68.2	Pass
NVNT	a	5180	Ant1	4500	-57.87	2	0.1	39.46	Average	54	Pass
NVNT	a	5180	Ant1	5074.7	-45.16	2	-	52.07	Peak	68.2	Pass
NVNT	a	5180	Ant1	5145.4	-55.83	2	0.1	41.50	Average	54	Pass
NVNT	a	5180	Ant1	5150	-46.08	2	-	51.15	Peak	68.2	Pass
NVNT	a	5180	Ant1	5150	-55.3	2	0.1	42.03	Average	54	Pass
NVNT	a	5240	Ant1	5350	-50.37	2	-	46.86	Peak	68.2	Pass
NVNT	a	5240	Ant1	5350	-57.92	2	0.1	39.41	Average	54	Pass
NVNT	a	5240	Ant1	5421.12	-47.09	2	-	50.14	Peak	68.2	Pass
NVNT	a	5240	Ant1	5409.12	-56.82	2	0.1	40.51	Average	54	Pass
NVNT	a	5240	Ant1	5460	-48.87	2	-	48.36	Peak	68.2	Pass
NVNT	a	5240	Ant1	5460	-57.01	2	0.1	40.32	Average	54	Pass
NVNT	n20	5180	Ant1	4500	-50.2	2	-	47.03	Peak	68.2	Pass
NVNT	n20	5180	Ant1	4500	-58.09	2	0.12	39.26	Average	54	Pass
NVNT	n20	5180	Ant1	5149.6	-43.16	2	-	54.07	Peak	68.2	Pass
NVNT	n20	5180	Ant1	5148.9	-55.18	2	0.12	42.17	Average	54	Pass
NVNT	n20	5180	Ant1	5150	-43.02	2	-	54.21	Peak	68.2	Pass
NVNT	n20	5180	Ant1	5150	-55.12	2	0.12	42.23	Average	54	Pass
NVNT	n20	5240	Ant1	5350	-48.74	2	-	48.49	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5350	-57.69	2	0.12	39.66	Average	54	Pass
NVNT	n20	5240	Ant1	5362.32	-46.63	2	-	50.60	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5444.4	-56.92	2	0.12	40.43	Average	54	Pass
NVNT	n20	5240	Ant1	5460	-50.8	2	-	46.43	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5460	-57.88	2	0.12	39.47	Average	54	Pass
NVNT	n40	5190	Ant1	4500	-49.09	2	-	48.14	Peak	68.2	Pass
NVNT	n40	5190	Ant1	4500	-57.96	2	0.23	39.50	Average	54	Pass
NVNT	n40	5190	Ant1	5148.97	-43.9	2	-	53.33	Peak	68.2	Pass
NVNT	n40	5190	Ant1	5149.7	-54.51	2	0.23	42.95	Average	54	Pass
NVNT	n40	5190	Ant1	5150	-44.06	2	-	53.17	Peak	68.2	Pass
NVNT	n40	5190	Ant1	5150	-54.51	2	0.23	42.95	Average	54	Pass
NVNT	n40	5230	Ant1	5350	-49.2	2	-	48.03	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5350	-57.19	2	0.24	40.28	Average	54	Pass
NVNT	n40	5230	Ant1	5408.7	-46.17	2	-	51.06	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5385.48	-56.27	2	0.24	41.20	Average	54	Pass
NVNT	n40	5230	Ant1	5460	-49.69	2	-	47.54	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5460	-58.12	2	0.24	39.35	Average	54	Pass
NVNT	ac20	5180	Ant1	4500	-49.61	2	-	47.62	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	4500	-58.37	2	0.12	38.98	Average	54	Pass

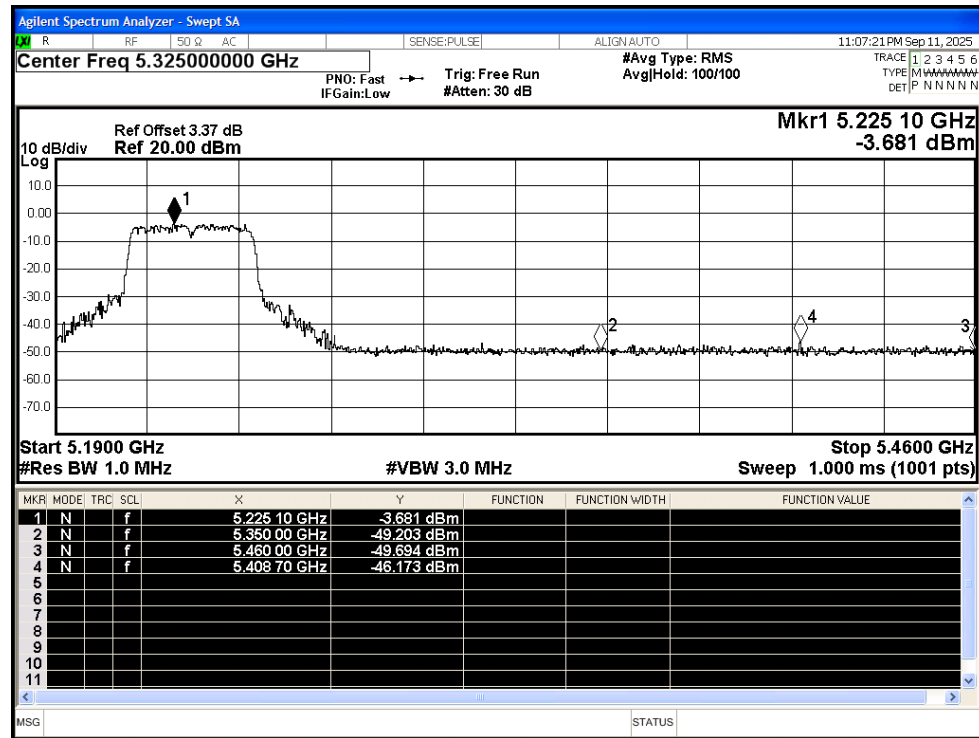


NVNT	ac20	5180	Ant1	5148.9	-39.66	2	-	57.57	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	5149.6	-54.66	2	0.12	42.69	Average	54	Pass
NVNT	ac20	5180	Ant1	5150	-45.32	2	-	51.91	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	5150	-54.76	2	0.12	42.59	Average	54	Pass
NVNT	ac20	5240	Ant1	5350	-49.18	2	-	48.05	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5350	-57.85	2	0.12	39.50	Average	54	Pass
NVNT	ac20	5240	Ant1	5358	-47.25	2	-	49.98	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5427.6	-57.04	2	0.12	40.31	Average	54	Pass
NVNT	ac20	5240	Ant1	5460	-49.68	2	-	47.55	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5460	-57.45	2	0.12	39.90	Average	54	Pass
NVNT	ac40	5190	Ant1	4500	-50.56	2	-	46.67	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	4500	-58.3	2	0.24	39.17	Average	54	Pass
NVNT	ac40	5190	Ant1	5145.32	-42.05	2	-	55.18	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	5148.24	-55.26	2	0.24	42.21	Average	54	Pass
NVNT	ac40	5190	Ant1	5150	-45.36	2	-	51.87	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	5150	-55.3	2	0.24	42.17	Average	54	Pass
NVNT	ac40	5230	Ant1	5350	-48.61	2	-	48.62	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5350	-57.62	2	0.24	39.85	Average	54	Pass
NVNT	ac40	5230	Ant1	5403.3	-46.54	2	-	50.69	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5362.8	-56.72	2	0.24	40.75	Average	54	Pass
NVNT	ac40	5230	Ant1	5460	-49.02	2	-	48.21	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5460	-58.16	2	0.24	39.31	Average	54	Pass
NVNT	ac80	5210	Ant1	5350	-47.12	2	-	50.11	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5350	-56.41	2	0.47	41.29	Average	54	Pass
NVNT	ac80	5210	Ant1	5355.72	-46.28	2	-	50.95	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5358.69	-55.93	2	0.47	41.77	Average	54	Pass
NVNT	ac80	5210	Ant1	5460	-49.76	2	-	47.47	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5460	-57.7	2	0.47	40.00	Average	54	Pass
NVNT	ac80	5210	Ant1	4500	-49.99	2	-	47.24	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	4500	-57.81	2	0.47	39.89	Average	54	Pass
NVNT	ac80	5210	Ant1	5149.38	-45.17	2	-	52.06	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5149.38	-55.07	2	0.47	42.63	Average	54	Pass
NVNT	ac80	5210	Ant1	5150	-42.6	2	-	54.63	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5150	-55.1	2	0.47	42.60	Average	54	Pass
NVNT	ax20	5180	Ant1	4500	-49.31	2	-	47.92	Peak	68.2	Pass
NVNT	ax20	5180	Ant1	4500	-58.88	2	0.12	38.47	Average	54	Pass
NVNT	ax20	5180	Ant1	5149.6	-44.4	2	-	52.83	Peak	68.2	Pass
NVNT	ax20	5180	Ant1	5146.8	-55	2	0.12	42.35	Average	54	Pass
NVNT	ax20	5180	Ant1	5150	-44.54	2	-	52.69	Peak	68.2	Pass
NVNT	ax20	5180	Ant1	5150	-55.04	2	0.12	42.31	Average	54	Pass
NVNT	ax20	5240	Ant1	5350	-49.95	2	-	47.28	Peak	68.2	Pass
NVNT	ax20	5240	Ant1	5350	-57.4	2	0.12	39.95	Average	54	Pass
NVNT	ax20	5240	Ant1	5375.28	-47.19	2	-	50.04	Peak	68.2	Pass

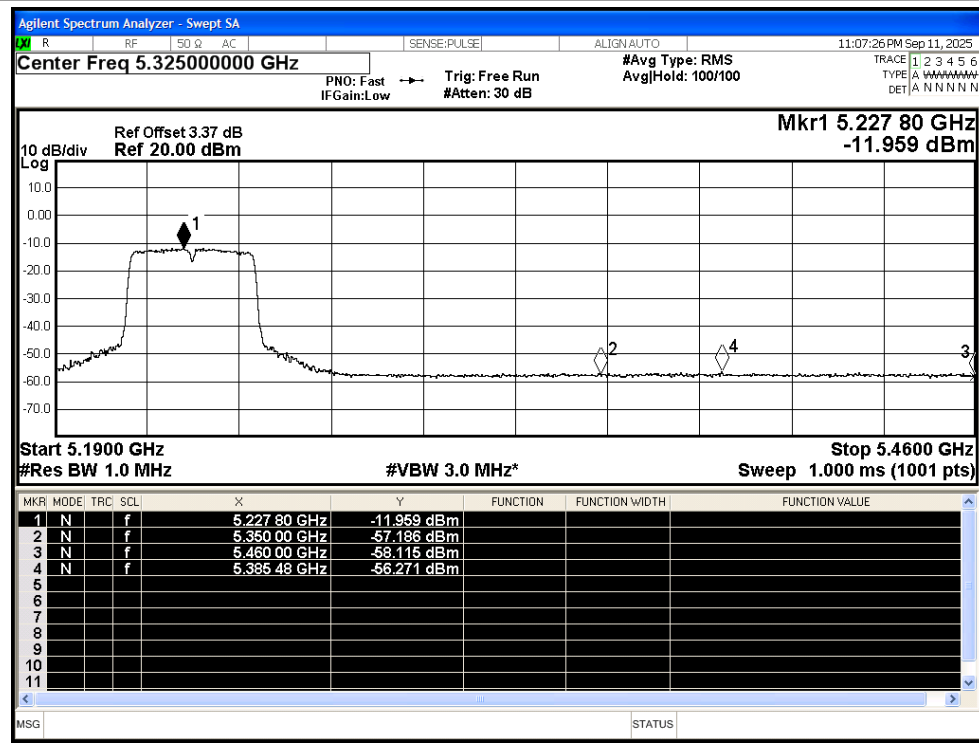


NVNT	ax20	5240	Ant1	5375.52	-57.03	2	0.12	40.32	Average	54	Pass
NVNT	ax20	5240	Ant1	5460	-51.33	2	-	45.90	Peak	68.2	Pass
NVNT	ax20	5240	Ant1	5460	-57.99	2	0.12	39.36	Average	54	Pass
NVNT	ax40	5190	Ant1	4500	-49.31	2	-	47.92	Peak	68.2	Pass
NVNT	ax40	5190	Ant1	4500	-58.75	2	0.24	38.72	Average	54	Pass
NVNT	ax40	5190	Ant1	5149.7	-40.06	2	-	57.17	Peak	68.2	Pass
NVNT	ax40	5190	Ant1	5148.97	-54.42	2	0.24	43.05	Average	54	Pass
NVNT	ax40	5190	Ant1	5150	-40.06	2	-	57.17	Peak	68.2	Pass
NVNT	ax40	5190	Ant1	5150	-55.33	2	0.24	42.14	Average	54	Pass
NVNT	ax40	5230	Ant1	5350	-48.44	2	-	48.79	Peak	68.2	Pass
NVNT	ax40	5230	Ant1	5350	-57.85	2	0.24	39.62	Average	54	Pass
NVNT	ax40	5230	Ant1	5455.68	-46.27	2	-	50.96	Peak	68.2	Pass
NVNT	ax40	5230	Ant1	5402.49	-56.88	2	0.24	40.59	Average	54	Pass
NVNT	ax40	5230	Ant1	5460	-48.71	2	-	48.52	Peak	68.2	Pass
NVNT	ax40	5230	Ant1	5460	-57.95	2	0.24	39.52	Average	54	Pass
NVNT	ax80	5210	Ant1	5350	-48.65	2	-	48.58	Peak	68.2	Pass
NVNT	ax80	5210	Ant1	5350	-56.14	2	0.47	41.56	Average	54	Pass
NVNT	ax80	5210	Ant1	5372.22	-45.23	2	-	52.00	Peak	68.2	Pass
NVNT	ax80	5210	Ant1	5358.69	-55.95	2	0.47	41.75	Average	54	Pass
NVNT	ax80	5210	Ant1	5460	-49.26	2	-	47.97	Peak	68.2	Pass
NVNT	ax80	5210	Ant1	5460	-57.71	2	0.47	39.99	Average	54	Pass
NVNT	ax80	5210	Ant1	4500	-49.41	2	-	47.82	Peak	68.2	Pass
NVNT	ax80	5210	Ant1	4500	-58.37	2	0.47	39.33	Average	54	Pass
NVNT	ax80	5210	Ant1	5143.06	-42.74	2	-	54.49	Peak	68.2	Pass
NVNT	ax80	5210	Ant1	5147.8	-54.31	2	0.47	43.39	Average	54	Pass
NVNT	ax80	5210	Ant1	5150	-42.23	2	-	55.00	Peak	68.2	Pass
NVNT	ax80	5210	Ant1	5150	-54.83	2	0.47	42.87	Average	54	Pass

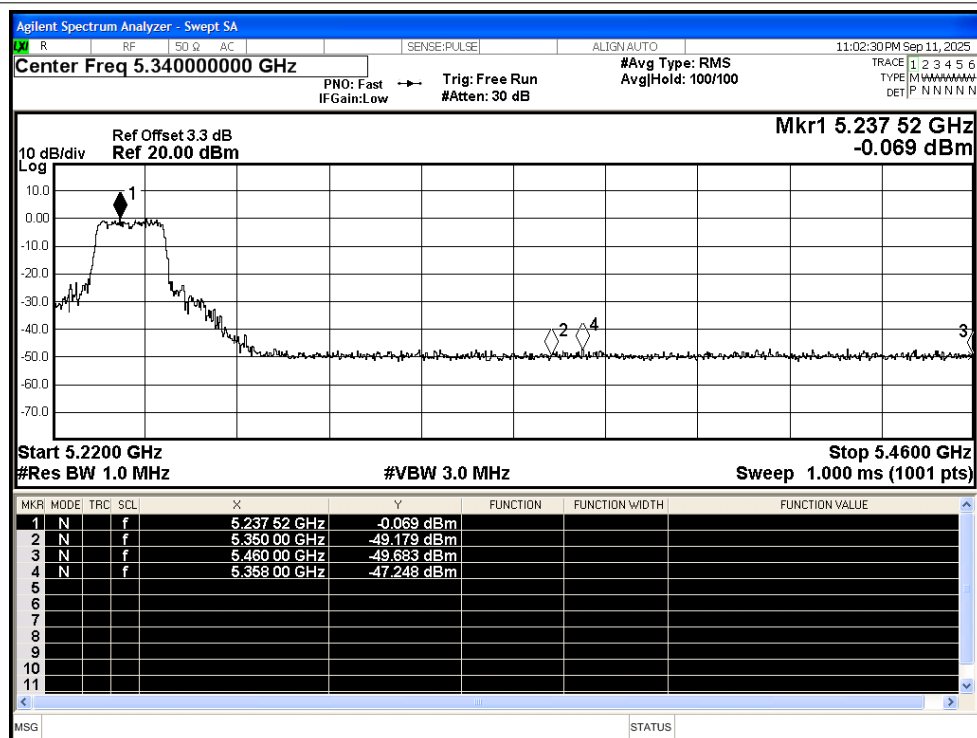
Restrict Band NVNT n40 5230MHz Ant1 Peak



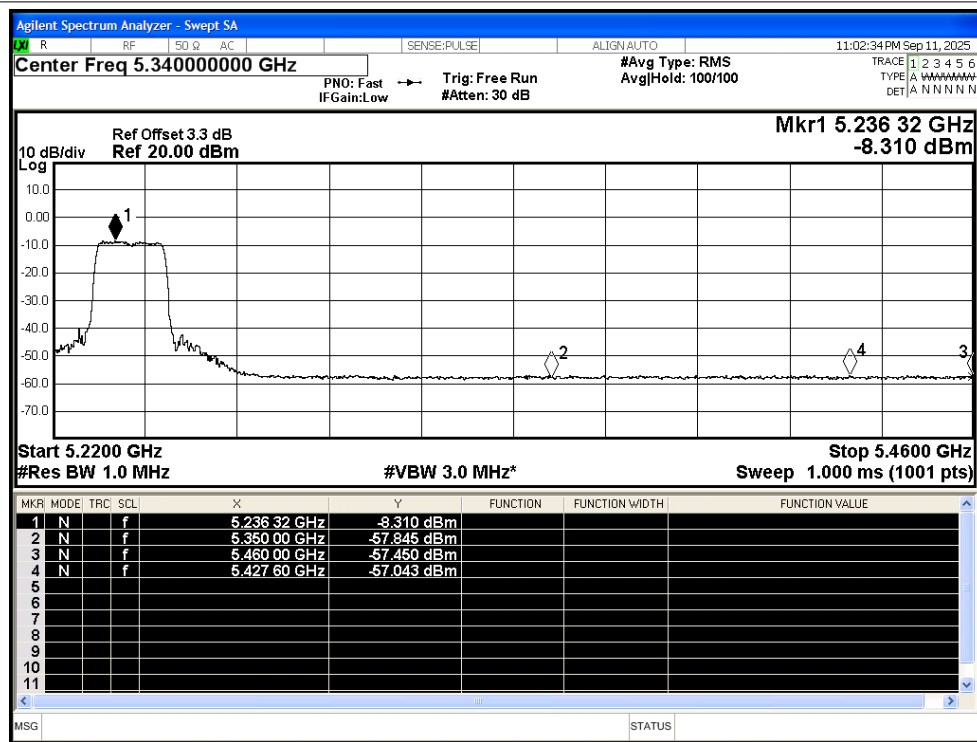
Restrict Band NVNT n40 5230MHz Ant1 Average



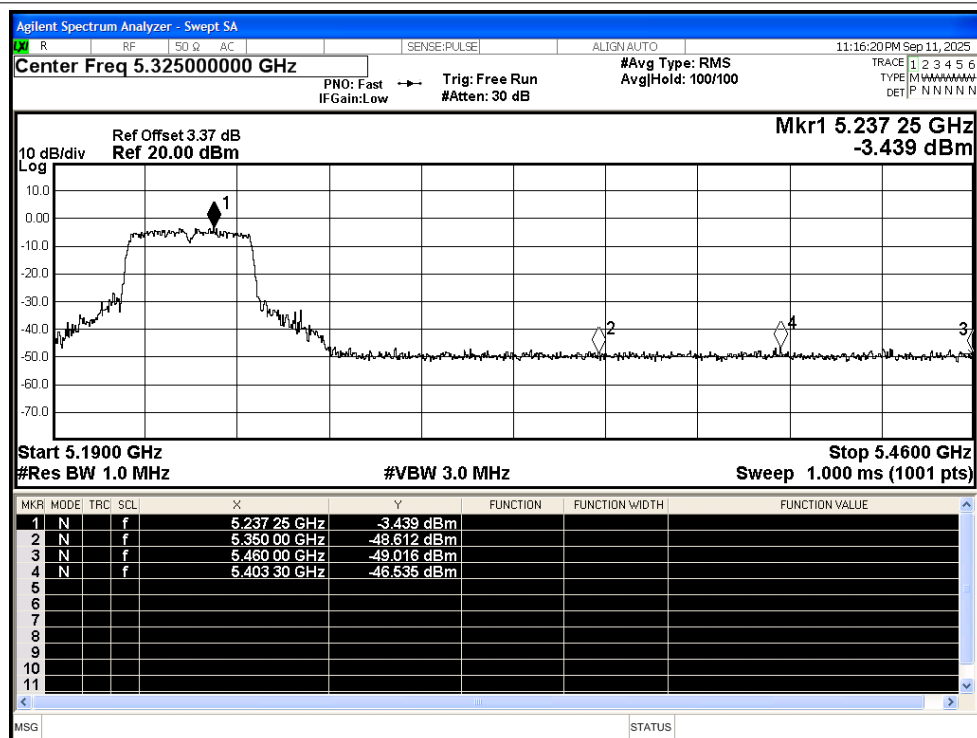
Restrict Band NVNT ac20 5240MHz Ant1 Peak



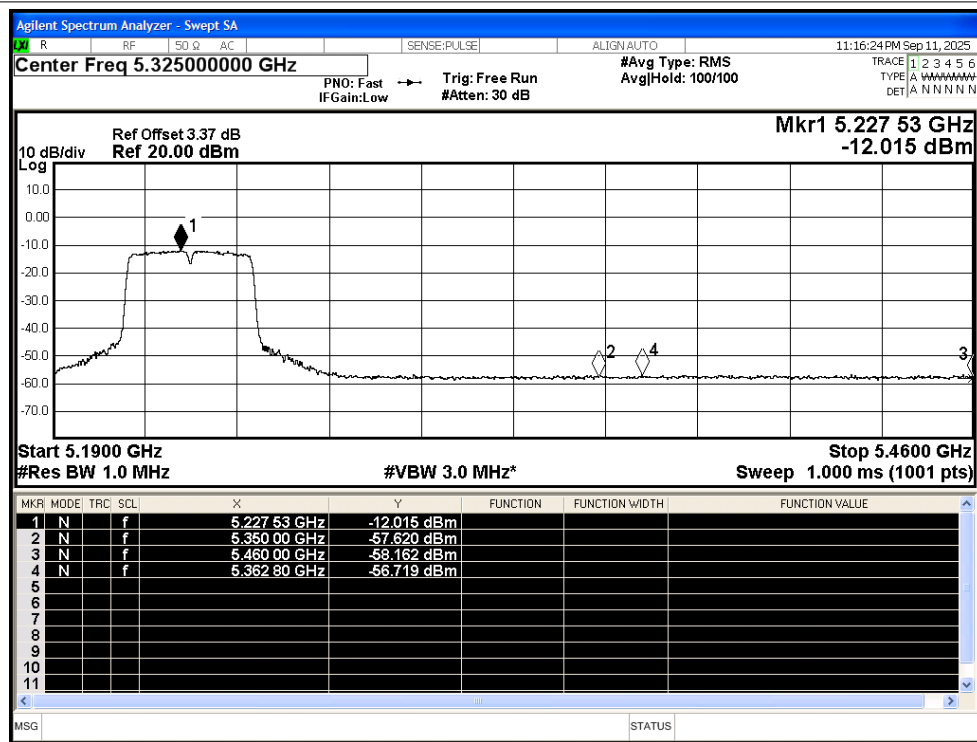
Restrict Band NVNT ac20 5240MHz Ant1 Average



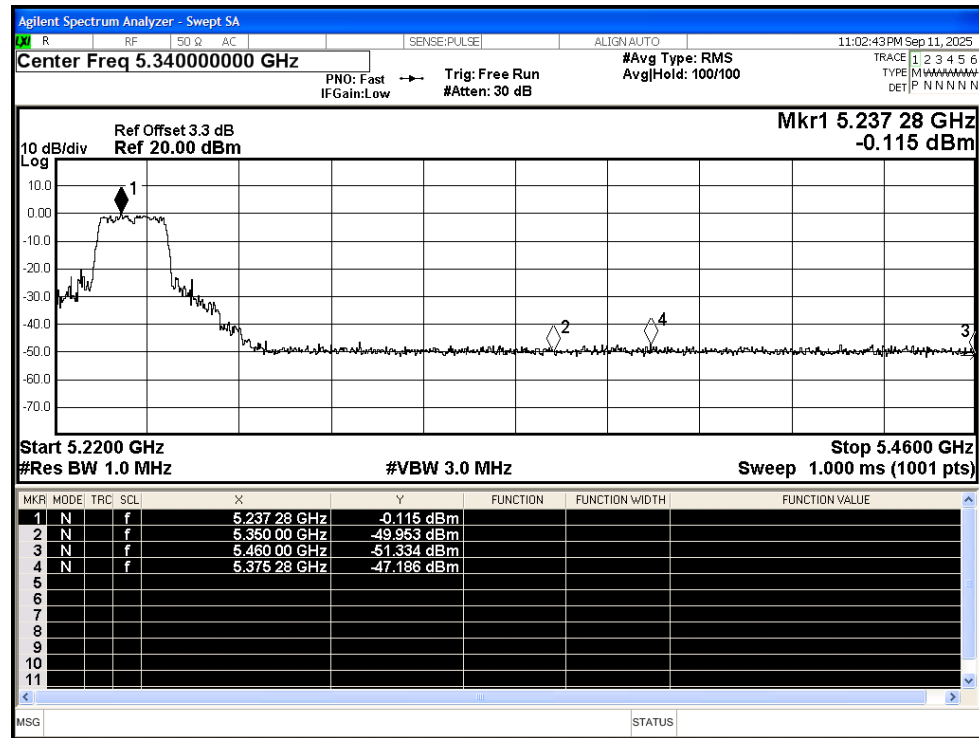
Restrict Band NVNT ac40 5230MHz Ant1 Peak



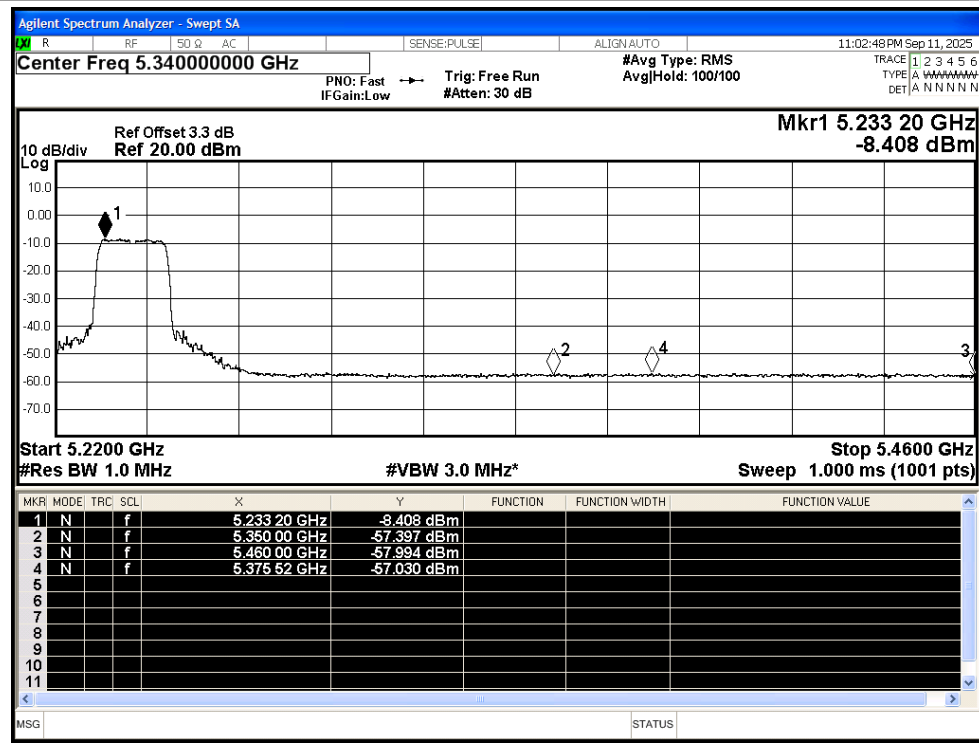
Restrict Band NVNT ac40 5230MHz Ant1 Average



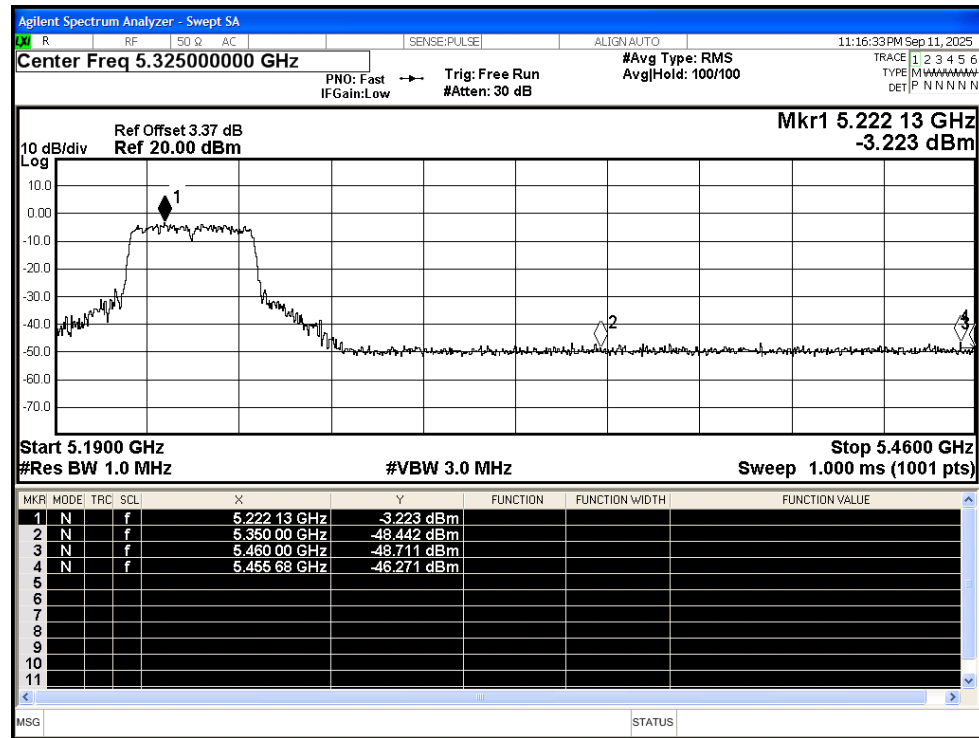
Restrict Band NVNT ax20 5240MHz Ant1 Peak



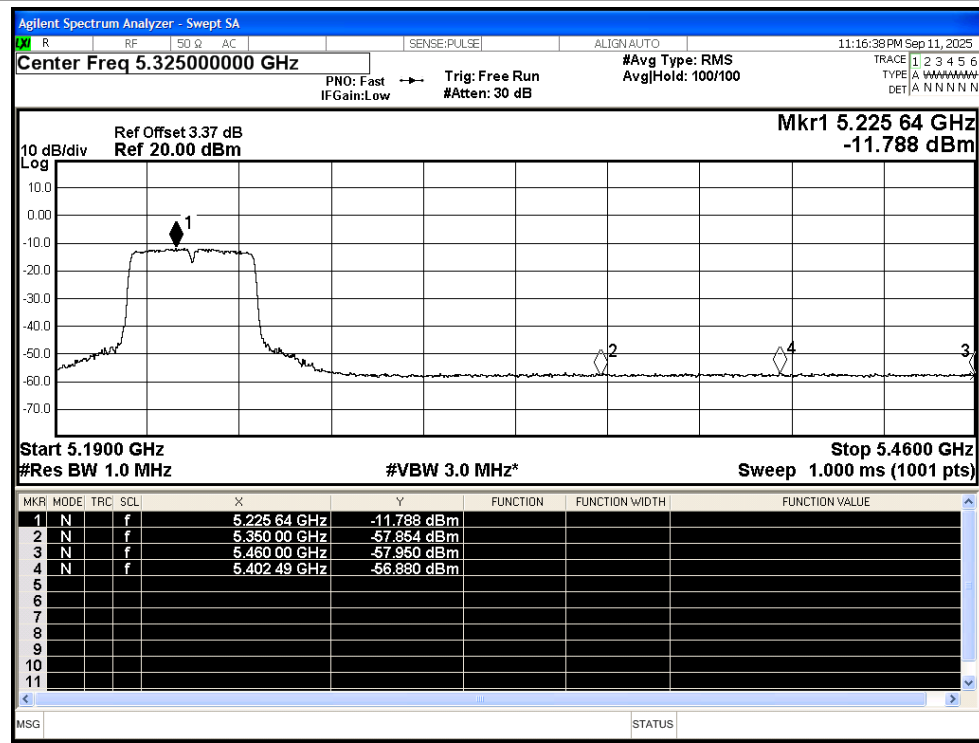
Restrict Band NVNT ax20 5240MHz Ant1 Average



Restrict Band NVNT ax40 5230MHz Ant1 Peak



Restrict Band NVNT ax40 5230MHz Ant1 Average

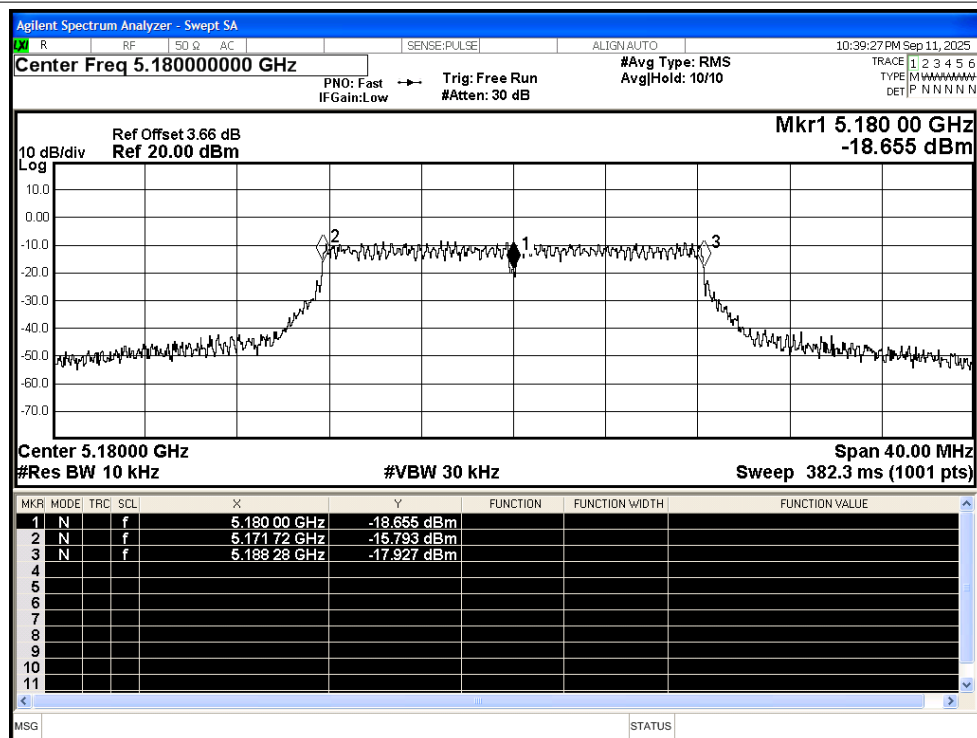


D.5 Frequency Stability

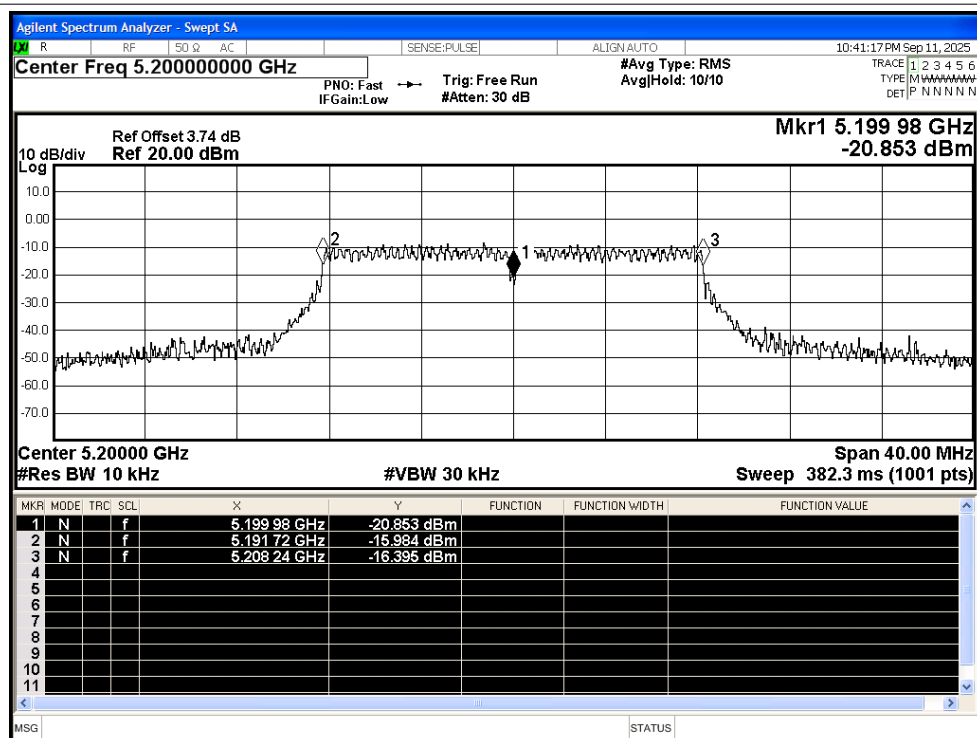
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5180	Ant1	5180	0	0	25	Pass
NVNT	a	5200	Ant1	5199.98	-20000	-3.85	25	Pass
NVNT	a	5240	Ant1	5240	0	0	25	Pass
NVNT	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
NVNT	n20	5200	Ant1	5200	0	0	25	Pass
NVNT	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
NVNT	n40	5190	Ant1	5190	0	0	25	Pass
NVNT	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
NVNT	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
NVNT	ac20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
NVNT	ac20	5240	Ant1	5240	0	0	25	Pass
NVNT	ac40	5190	Ant1	5190	0	0	25	Pass
NVNT	ac40	5230	Ant1	5230	0	0	25	Pass
NVNT	ac80	5210	Ant1	5210	0	0	25	Pass
NVNT	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
NVNT	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
NVNT	ax20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
NVNT	ax40	5190	Ant1	5190	0	0	25	Pass
NVNT	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
NVNT	ax80	5210	Ant1	5210	0	0	25	Pass

Test Graphs

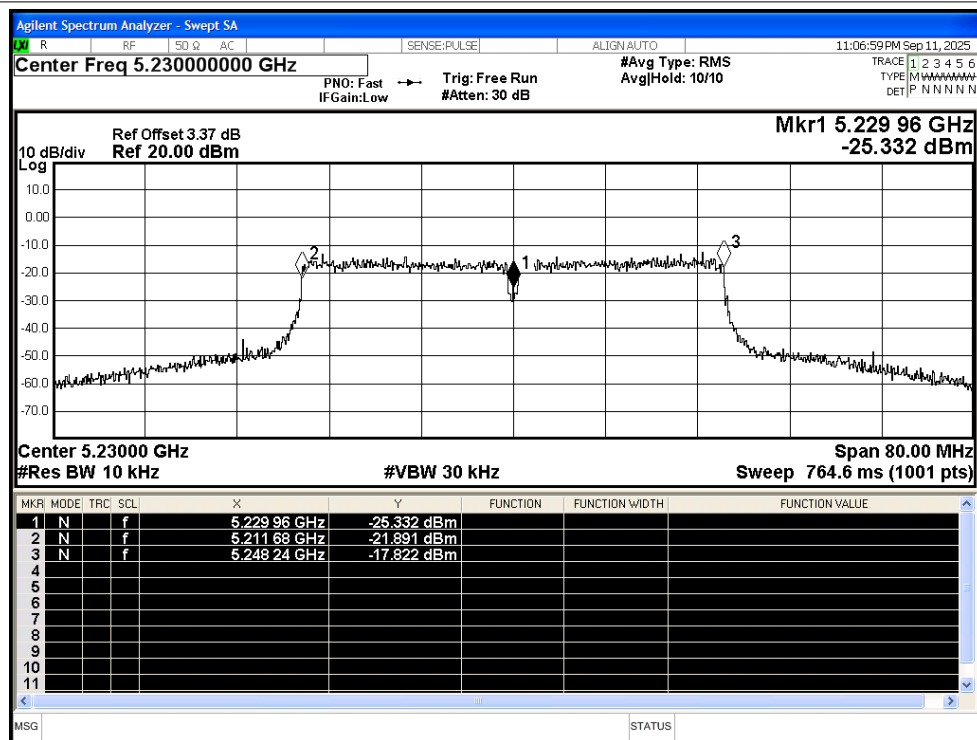
Freq. Stability NVNT a 5180MHz Ant1



Freq. Stability NVNT a 5200MHz Ant1



Freq. Stability NVNT n40 5230MHz Ant1



Agilent Spectrum Analyzer - Swept SA

11:21:25 PM Sep 11, 2025

Center Freq 5.21000000 GHz

PNO: Fast IF Gain: Low Trig: Free Run #Ave Type: RMS Avg Hold: 10/10

Ref Offset 3.72 dB Ref 20.00 dBm

Mkr1 5.210 00 GHz -25.830 dBm

10 dB/div

Log

Center 5.21000 GHz Span 160.0 MHz

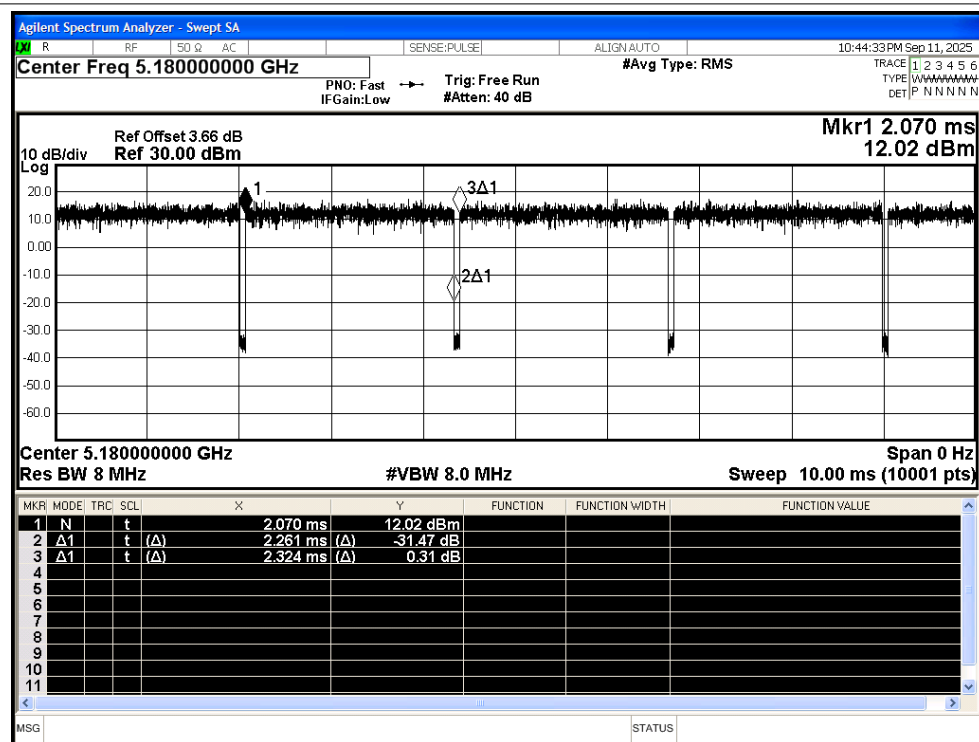
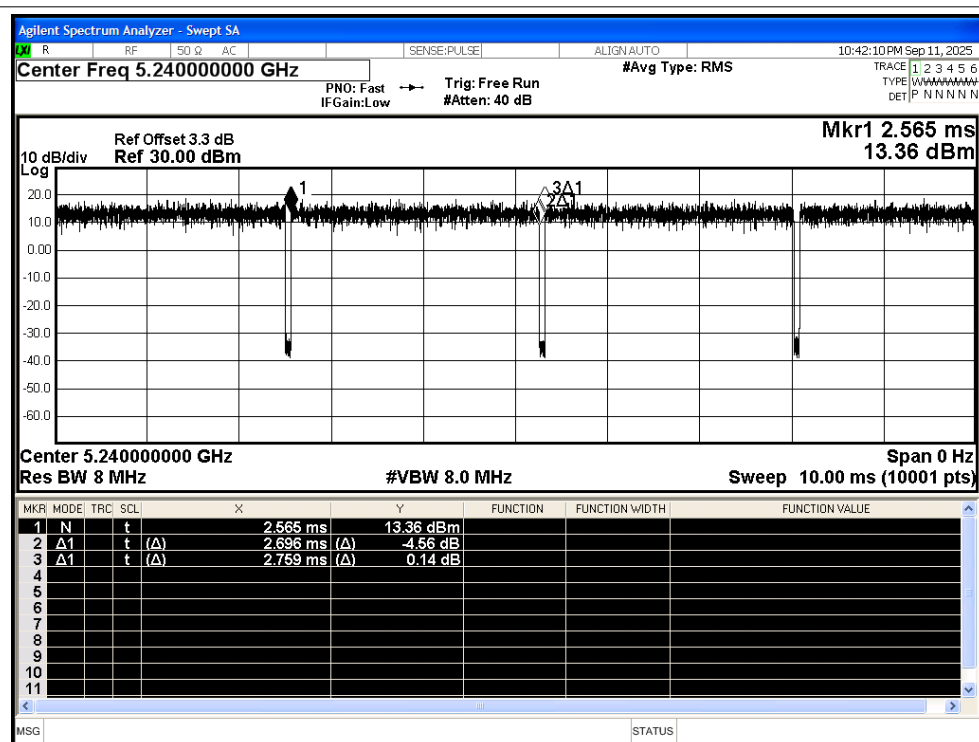
#Res BW 10 kHz #VBW 30 kHz Sweep 1.529 s (1001 pts)

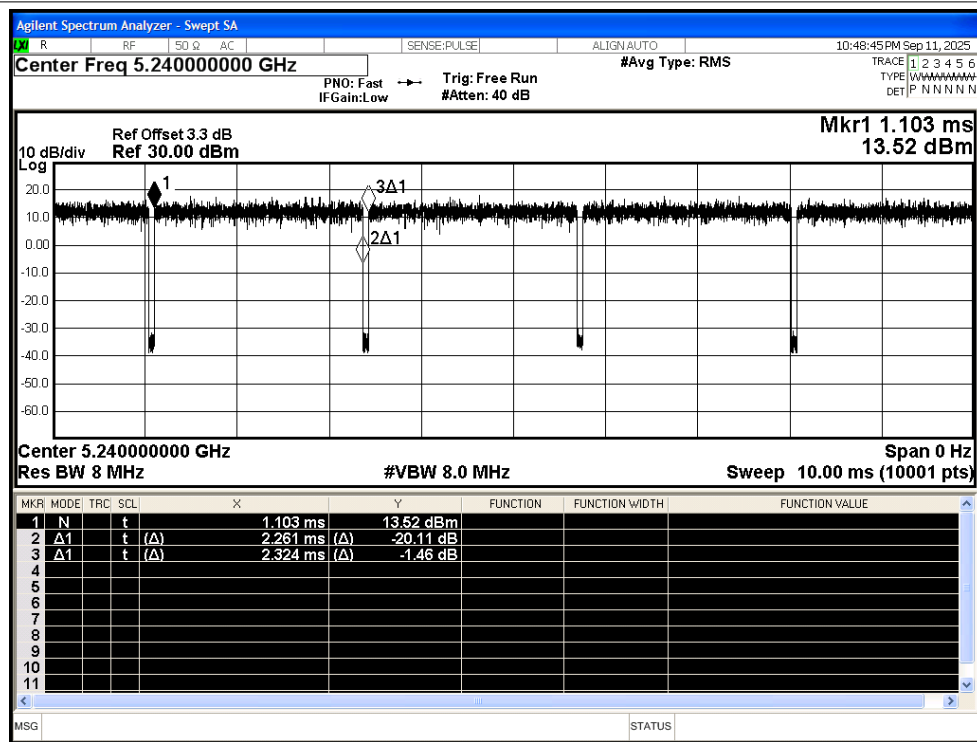
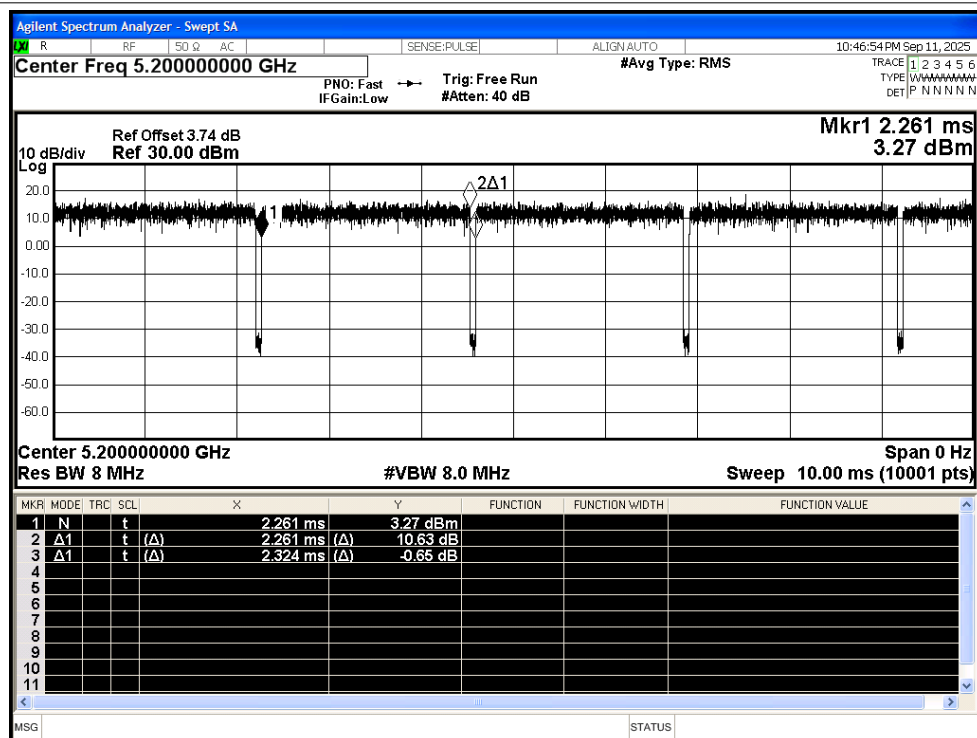
MRK	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f		5.210 00 GHz	-25.830 dBm			
2	N	f		5.171 76 GHz	-21.676 dBm			
3	N	f		5.248 24 GHz	-23.030 dBm			
4								
6								
6								
8								
9								
10								
11								

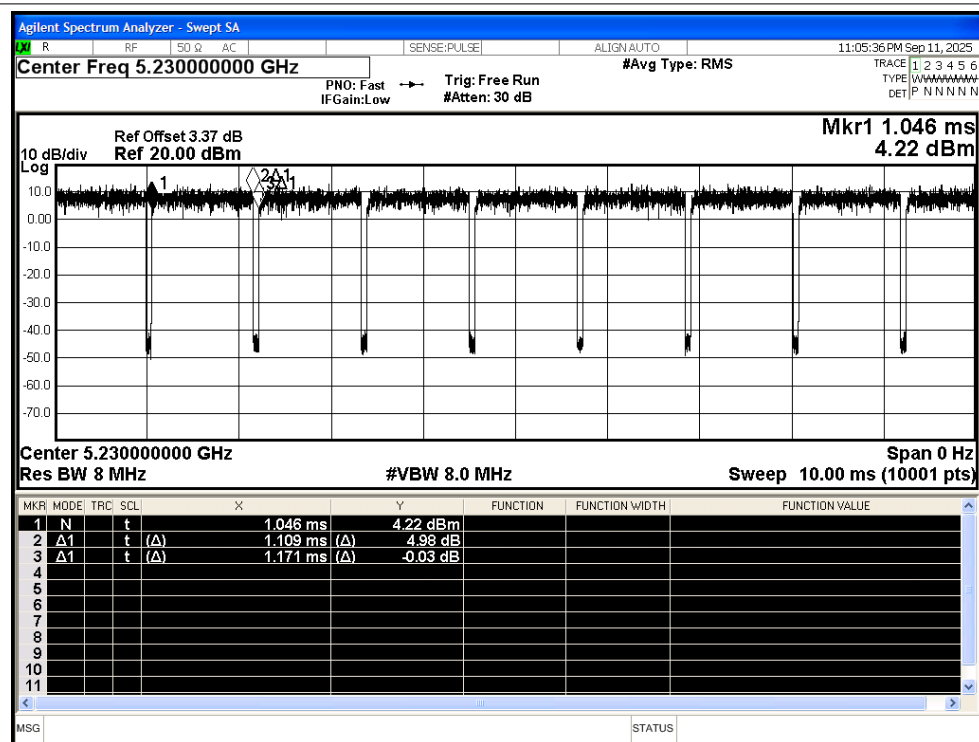
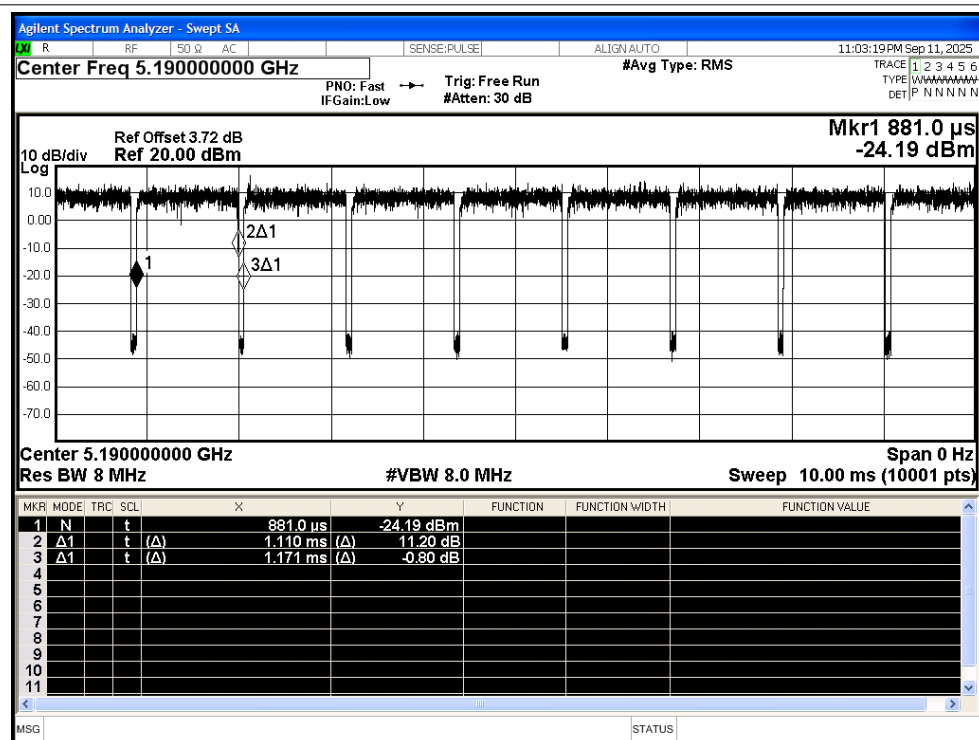
MSG STATUS

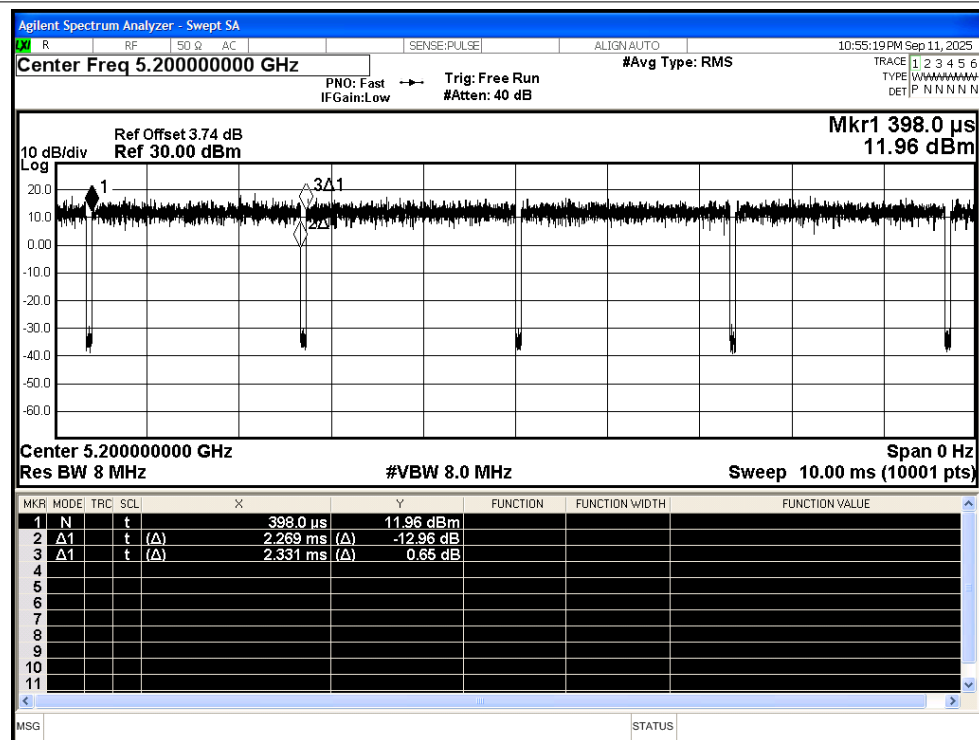
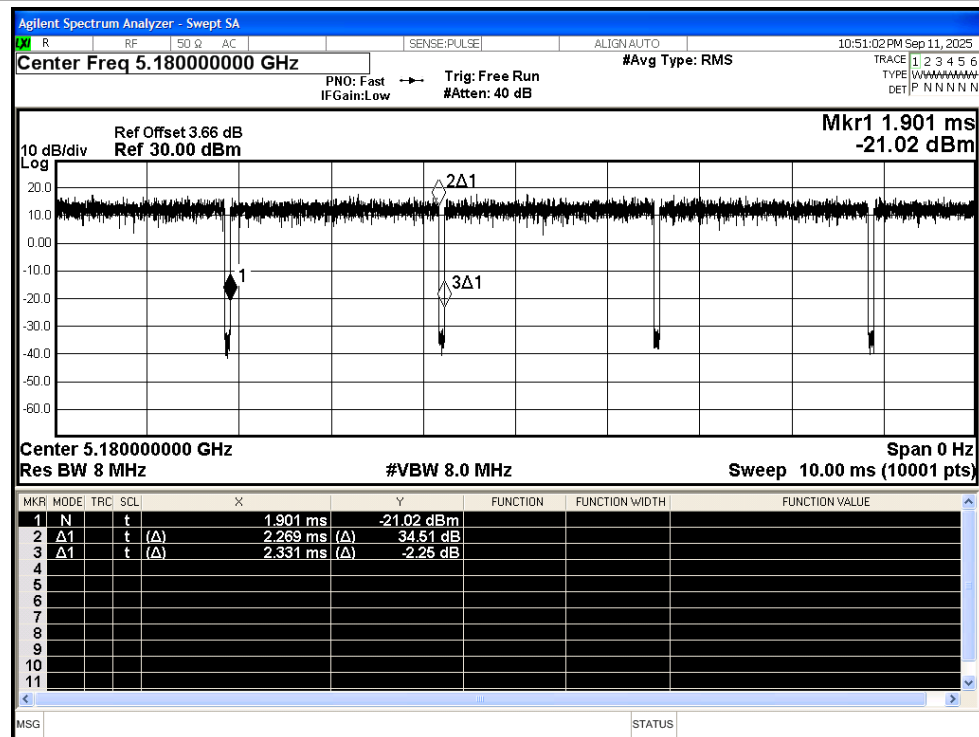
D.6 Duty Cycle

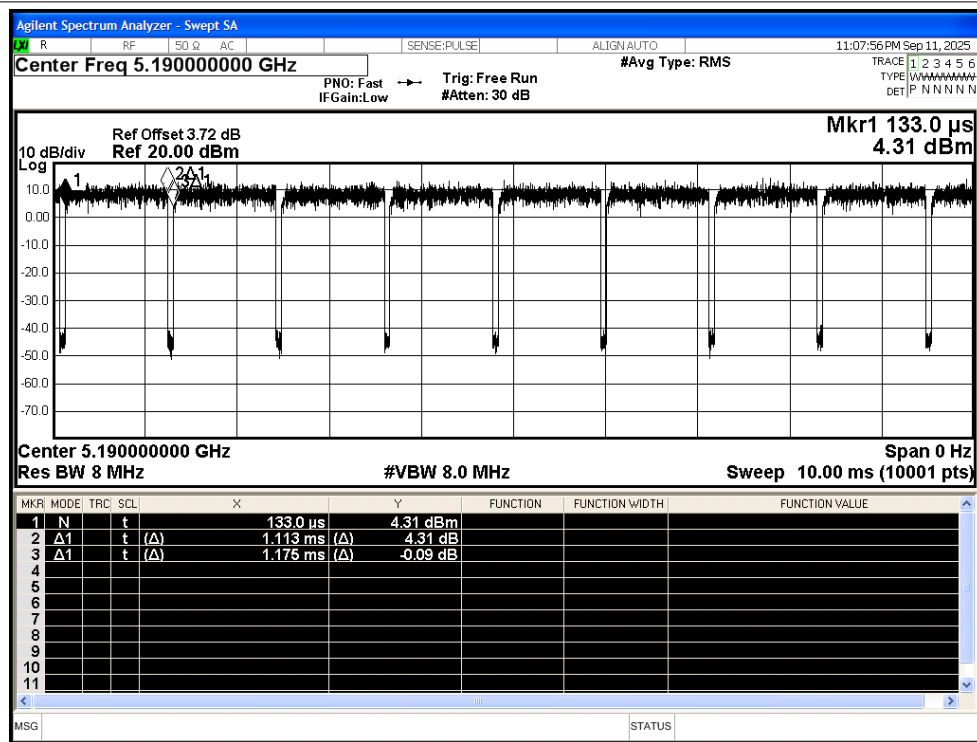
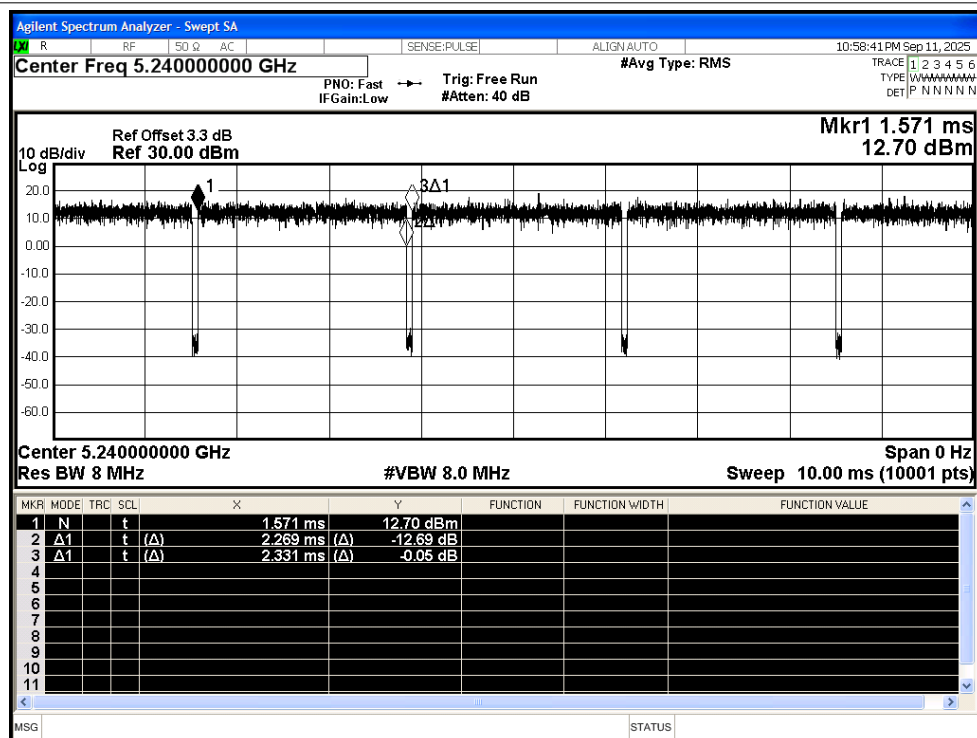
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	97.72	0.1	0.37
NVNT	a	5200	Ant1	97.75	0.1	0.37
NVNT	a	5240	Ant1	97.72	0.1	0.37
NVNT	n20	5180	Ant1	97.29	0.12	0.44
NVNT	n20	5200	Ant1	97.29	0.12	0.44
NVNT	n20	5240	Ant1	97.29	0.12	0.44
NVNT	n40	5190	Ant1	94.79	0.23	0.9
NVNT	n40	5230	Ant1	94.71	0.24	0.9
NVNT	ac20	5180	Ant1	97.34	0.12	0.44
NVNT	ac20	5200	Ant1	97.34	0.12	0.44
NVNT	ac20	5240	Ant1	97.34	0.12	0.44
NVNT	ac40	5190	Ant1	94.72	0.24	0.9
NVNT	ac40	5230	Ant1	94.72	0.24	0.9
NVNT	ac80	5210	Ant1	89.65	0.47	1.86
NVNT	ax20	5180	Ant1	97.34	0.12	0.44
NVNT	ax20	5200	Ant1	97.34	0.12	0.44
NVNT	ax20	5240	Ant1	97.34	0.12	0.44
NVNT	ax40	5190	Ant1	94.72	0.24	0.9
NVNT	ax40	5230	Ant1	94.72	0.24	0.9
NVNT	ax80	5210	Ant1	89.65	0.47	1.86

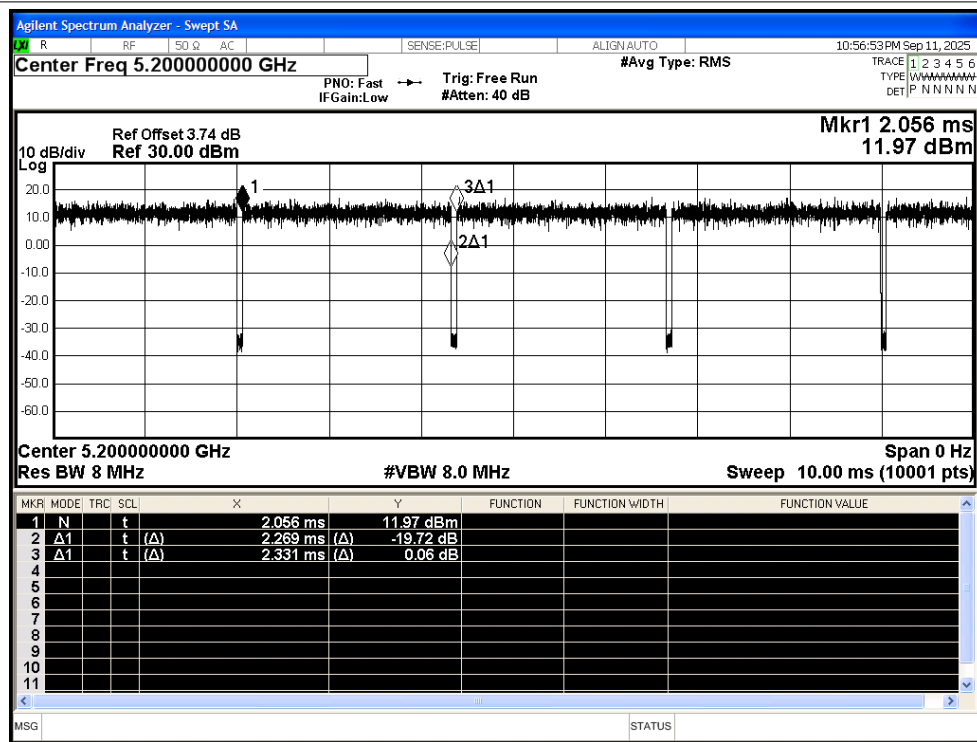
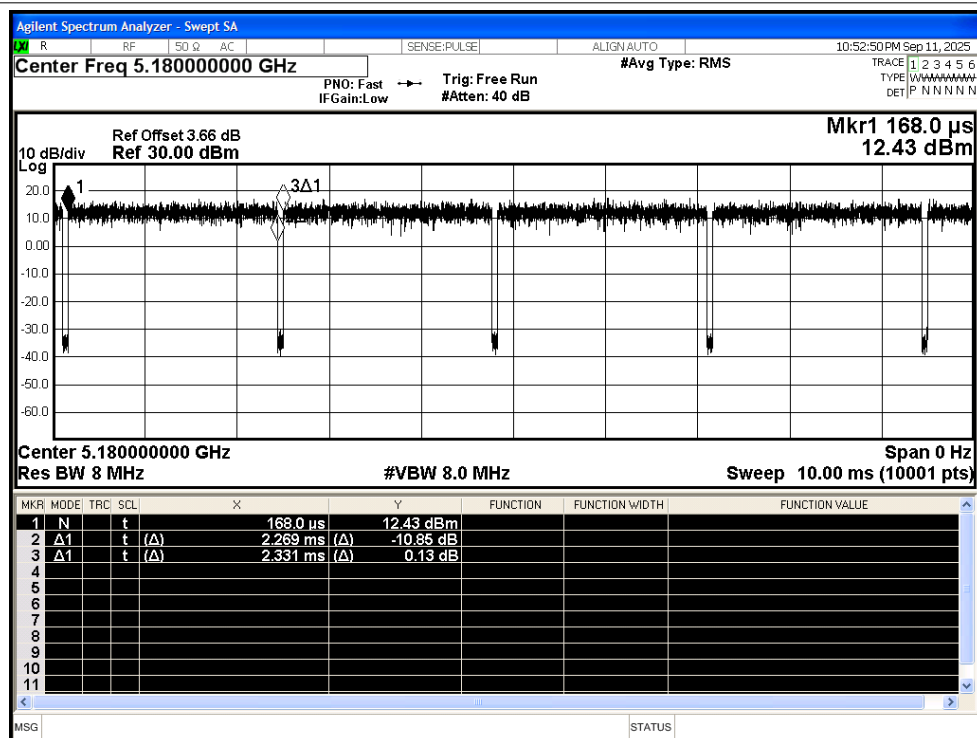


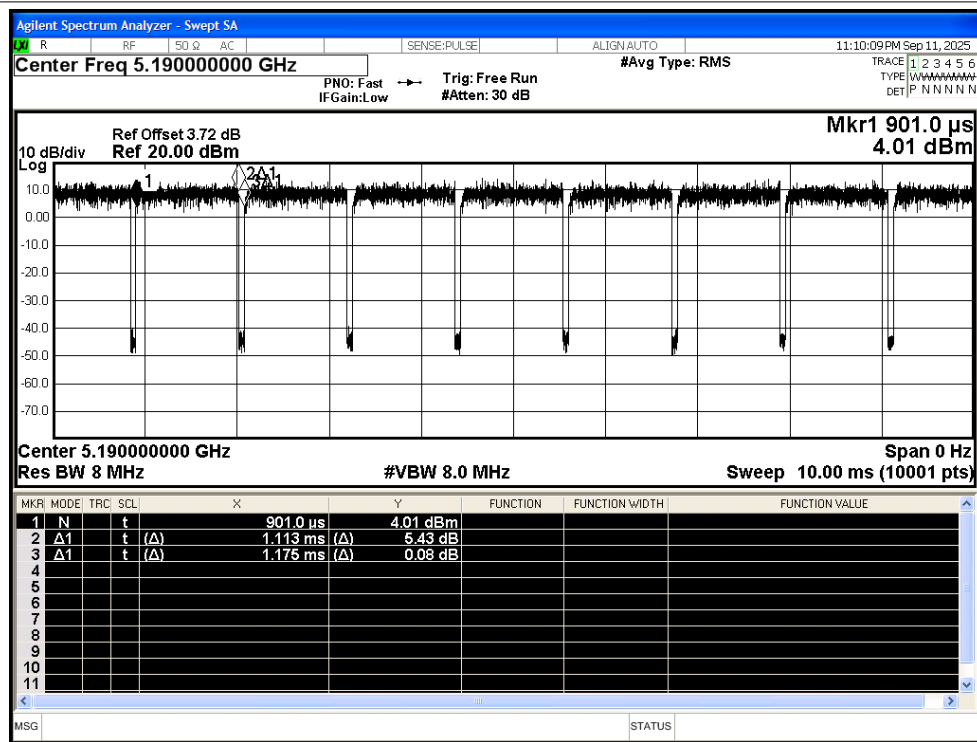
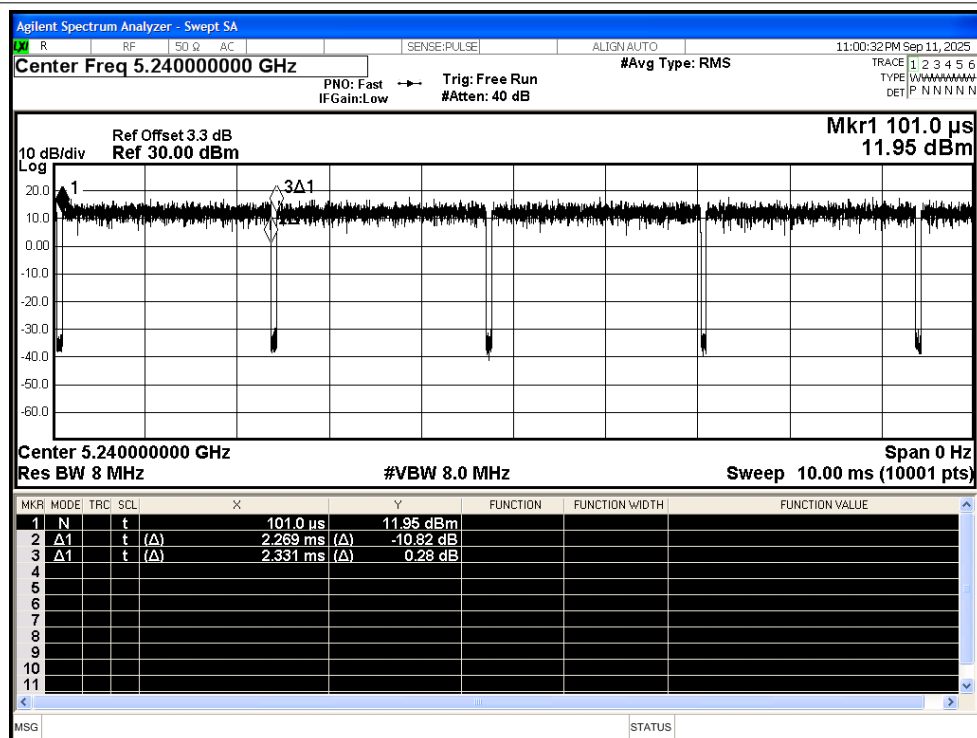












Agilent Spectrum Analyzer - Swept SA

R RF 50 Q AC SENSE:PULSE ALIGN AUTO 11:19:54 PM Sep 11, 2025

Center Freq 5.21000000 GHz #Avg Type: RMS
PNO: Fast IFGain:Low Trig: Free Run #Atten: 30 dB

Ref Offset 3.72 dB
Ref 20.00 dBm

Mkr1 486.0 μs
-3.84 dBm

The figure shows a spectrum analyzer display. The horizontal axis represents frequency, centered at 5.21 GHz. The vertical axis represents power in dBm, ranging from -70.0 to 10 dB/div. A signal is visible as a series of peaks and valleys. A marker labeled 'Mkr1' is placed on one of the peaks, indicating a value of 486.0 μs and -3.84 dBm. The reference level is set to 20.00 dBm.

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	t		486.0 μs	-3.84 dBm			
2	Δ1	t	(Δ)	537.0 μs (Δ)	10.15 dBm			
3	Δ1	t	(Δ)	599.0 μs (Δ)	0.01 dB			
4								
5								
6								
7								
8								
9								
10								
11								

Center 5.21000000 GHz Span 0 Hz
Res BW 8 MHz #VBW 8.0 MHz Sweep 10.00 ms (10001 pts)