Appendix D

RF Test Data for 5.2GWIFI(Conducted Measurement)

Product Name: Hyundai Mini PC

Test Model: HMB10P01

Environmental Conditions

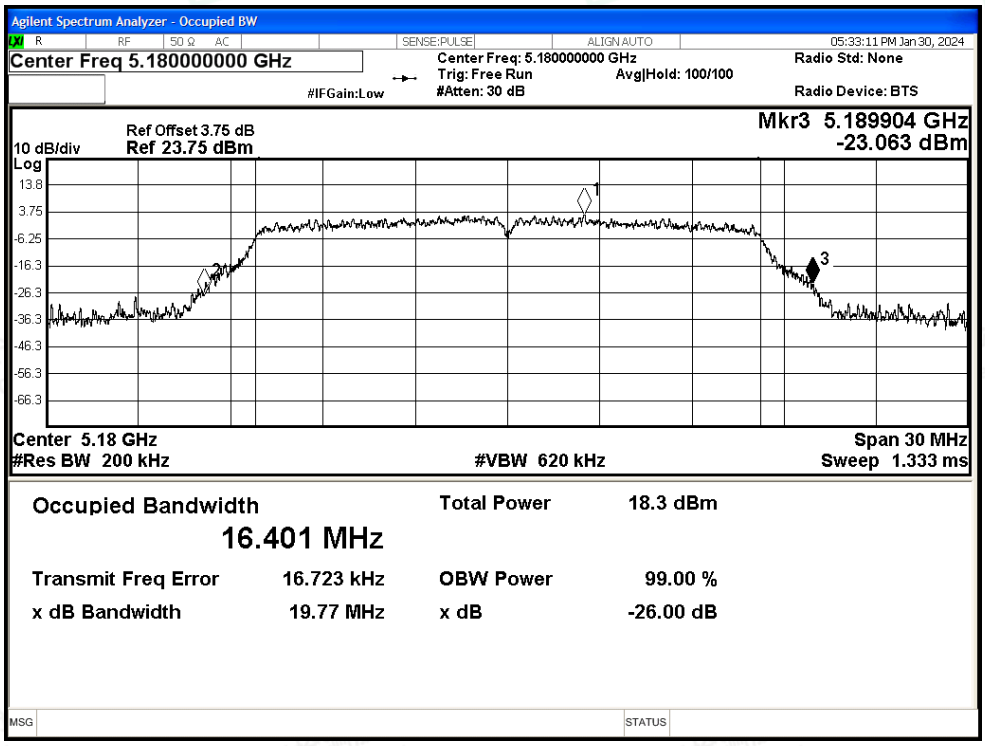
Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Paddi Chen
Supervised by:	Nick Peng

D.1 -26dB Bandwidth

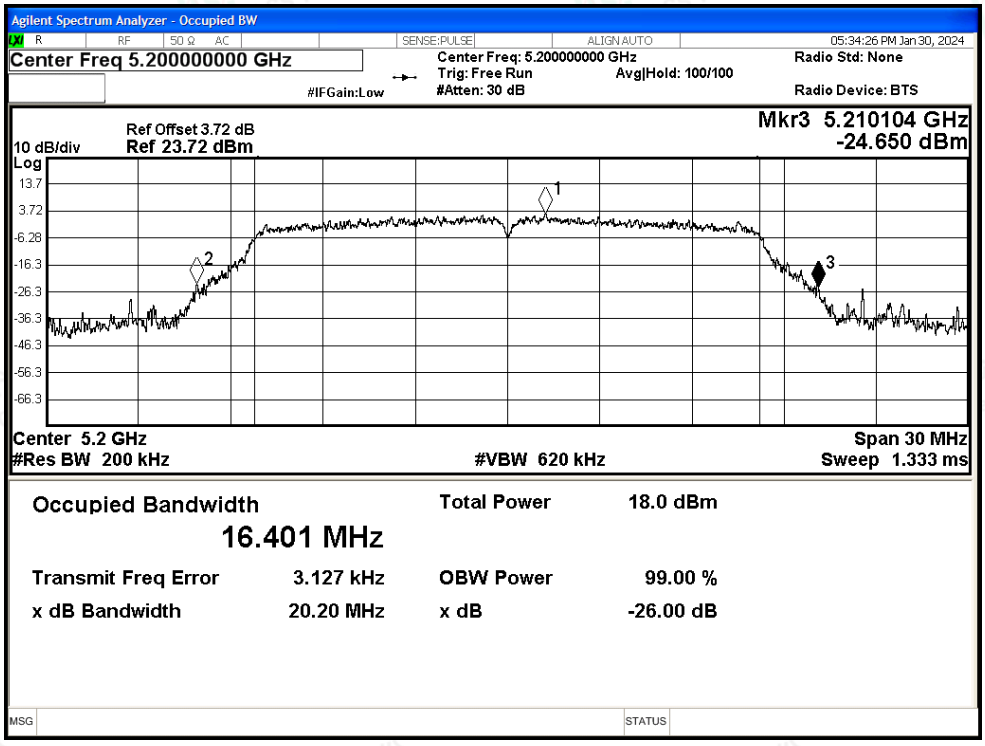
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.774	>=0.5	Pass
NVNT	a	5200	Ant1	20.201	>=0.5	Pass
NVNT	a	5240	Ant1	19.656	>=0.5	Pass
NVNT	n20	5180	Ant1	20.06	>=0.5	Pass
NVNT	n20	5200	Ant1	19.903	>=0.5	Pass
NVNT	n20	5240	Ant1	20.722	>=0.5	Pass
NVNT	n40	5190	Ant1	40.194	>=0.5	Pass
NVNT	n40	5230	Ant1	40.434	>=0.5	Pass
NVNT	ac20	5180	Ant1	19.981	>=0.5	Pass
NVNT	ac20	5200	Ant1	20.024	>=0.5	Pass
NVNT	ac20	5240	Ant1	19.973	>=0.5	Pass
NVNT	ac40	5190	Ant1	40.29	>=0.5	Pass
NVNT	ac40	5230	Ant1	39.934	>=0.5	Pass
NVNT	ac80	5210	Ant1	80.404	>=0.5	Pass

Test Graphs

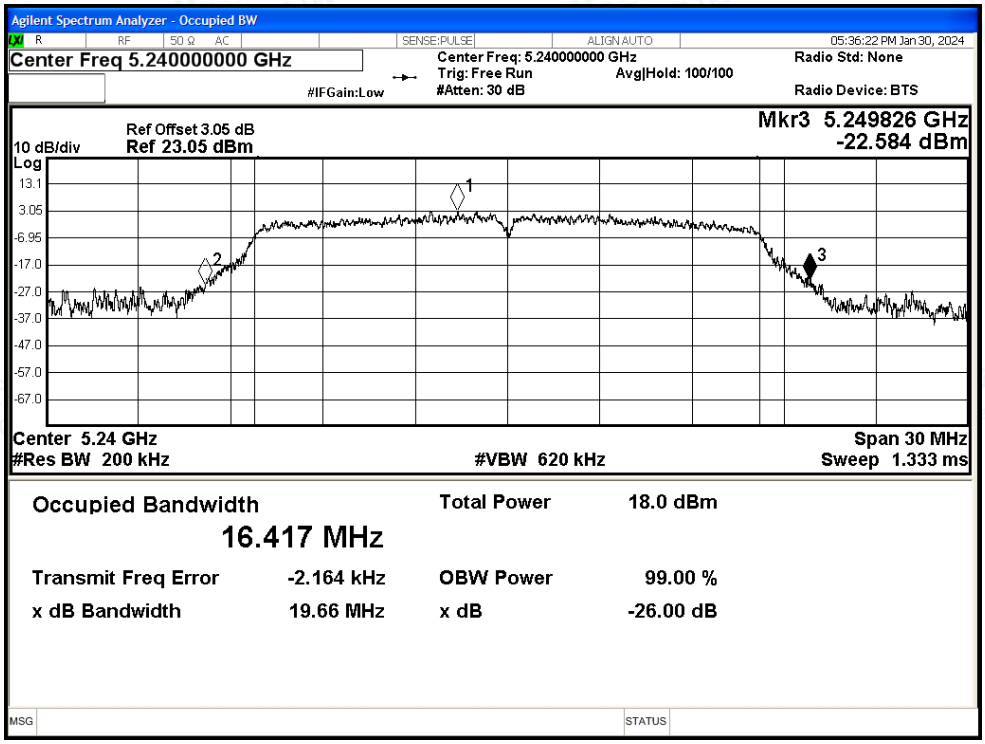
-26dB Bandwidth NVNT a 5180MHz Ant1



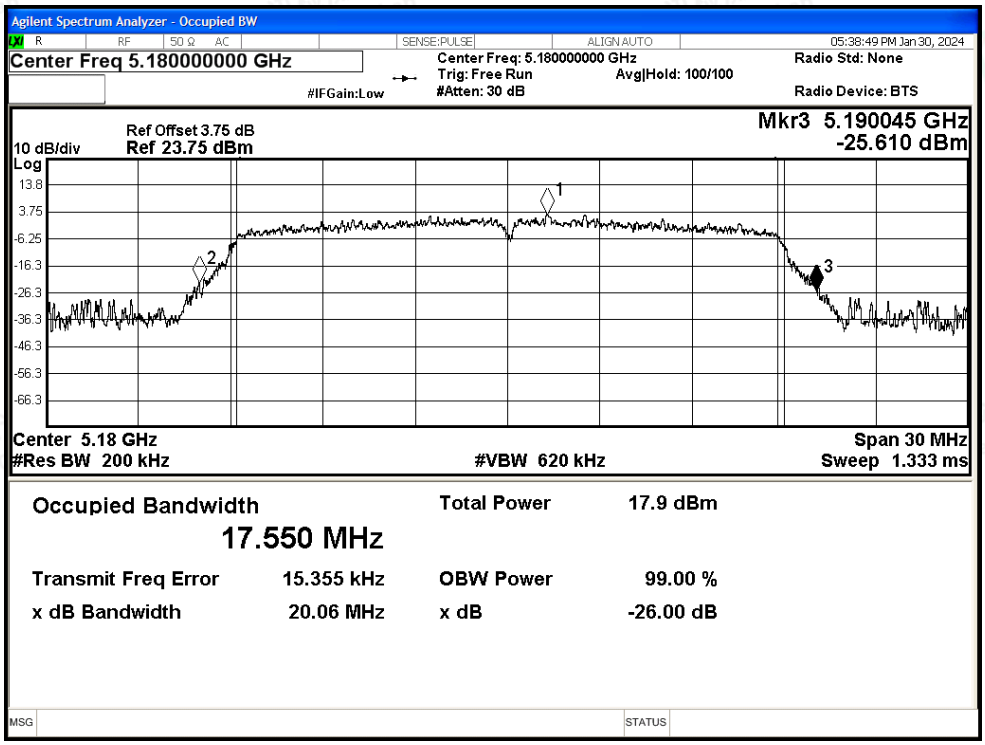
-26dB Bandwidth NVNT a 5200MHz Ant1



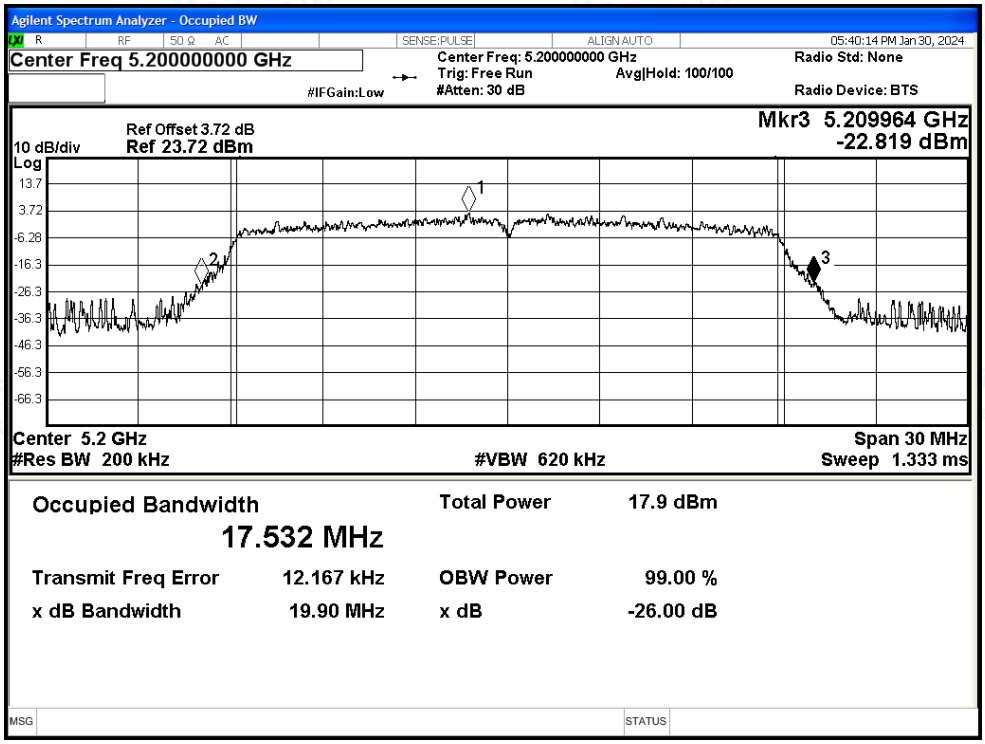
-26dB Bandwidth NVNT a 5240MHz Ant1



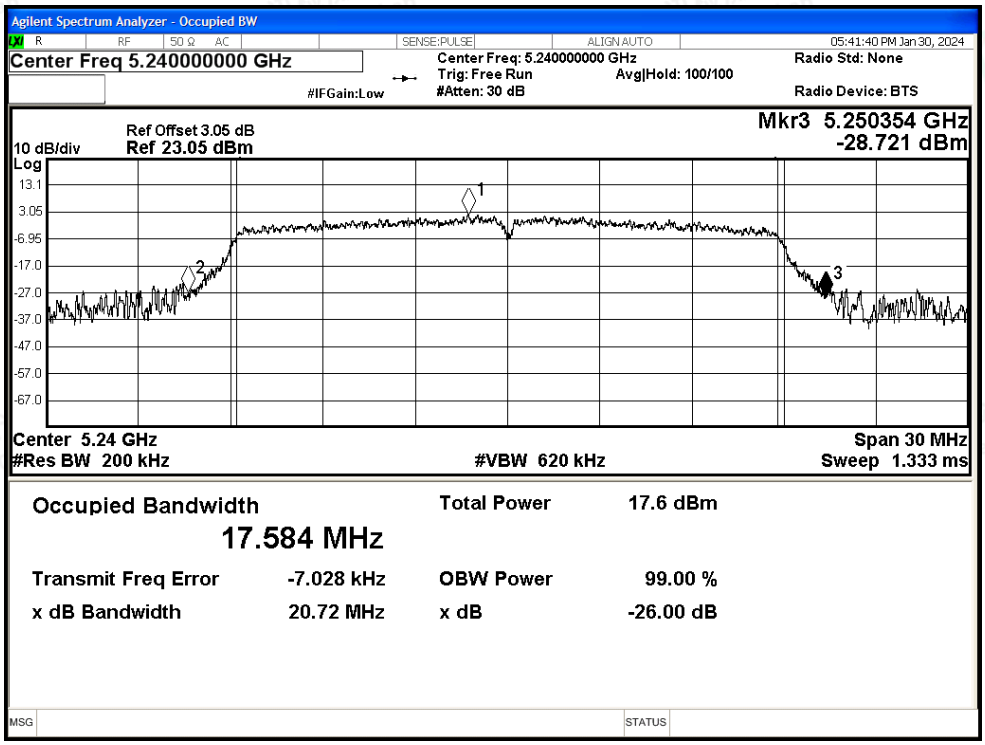
-26dB Bandwidth NVNT n20 5180MHz Ant1



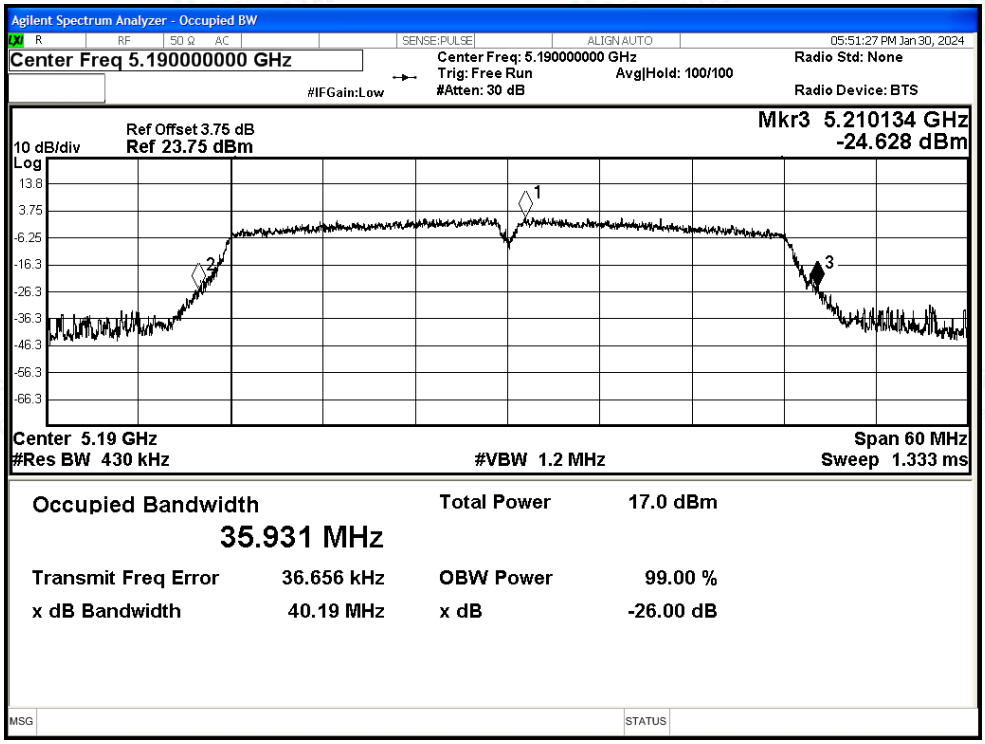
-26dB Bandwidth NVNT n20 5200MHz Ant1



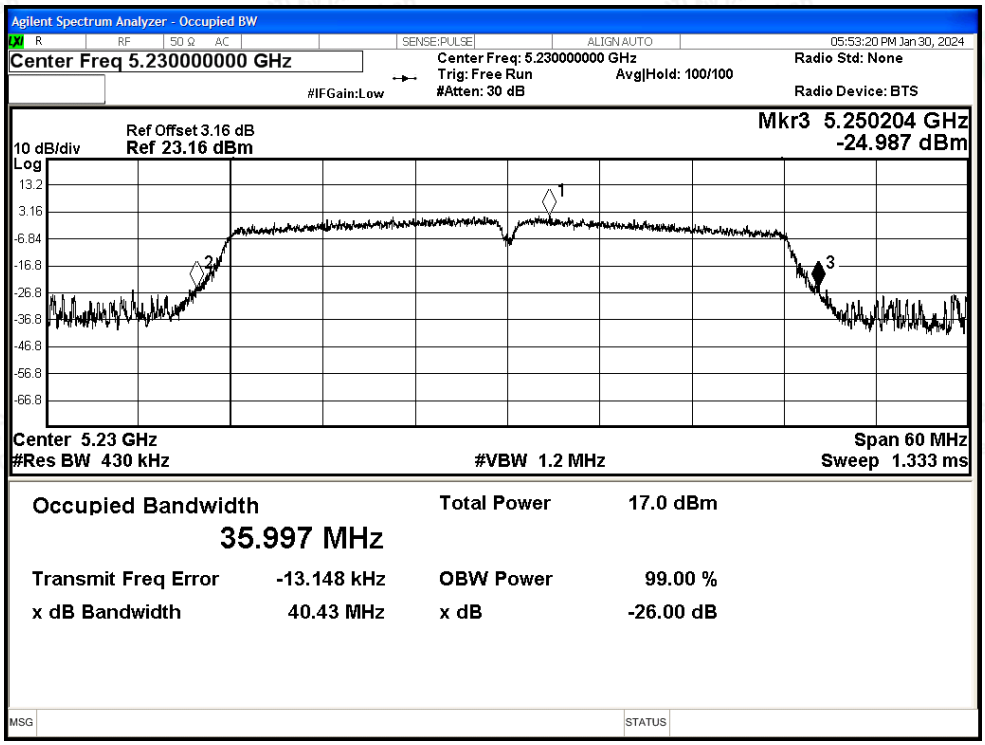
-26dB Bandwidth NVNT n20 5240MHz Ant1



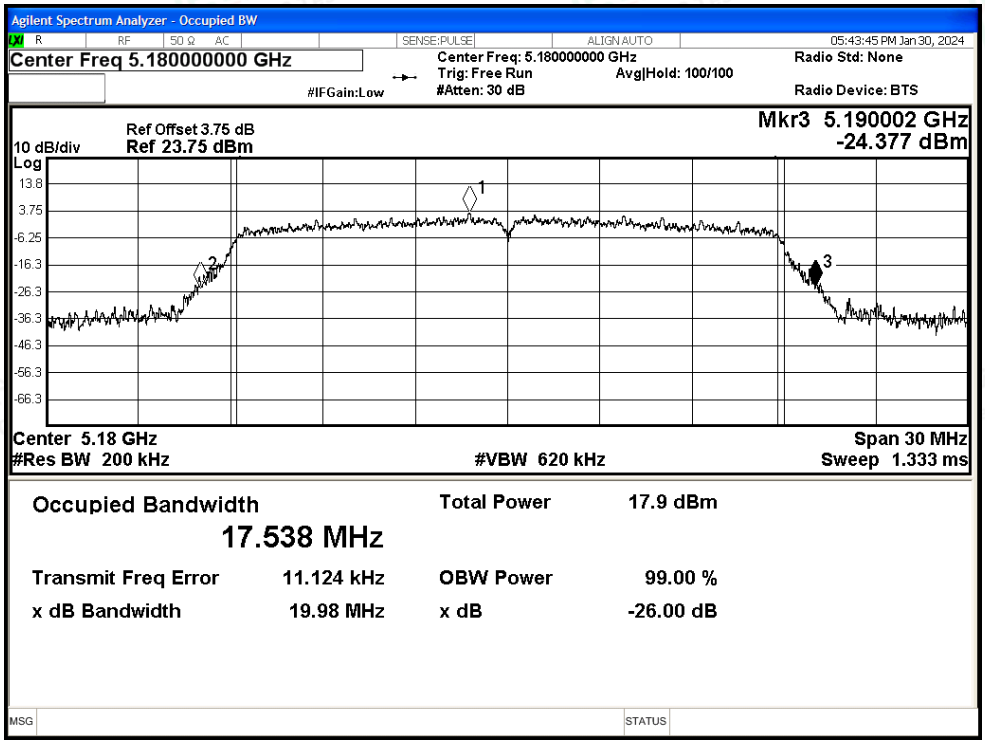
-26dB Bandwidth NVNT n40 5190MHz Ant1



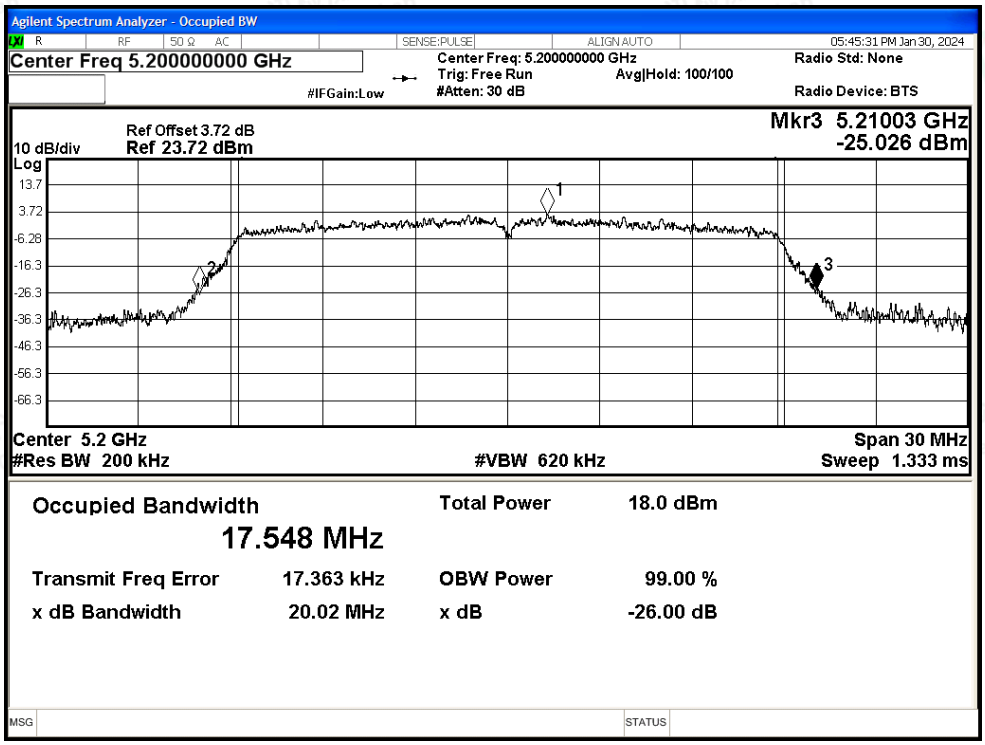
-26dB Bandwidth NVNT n40 5230MHz Ant1



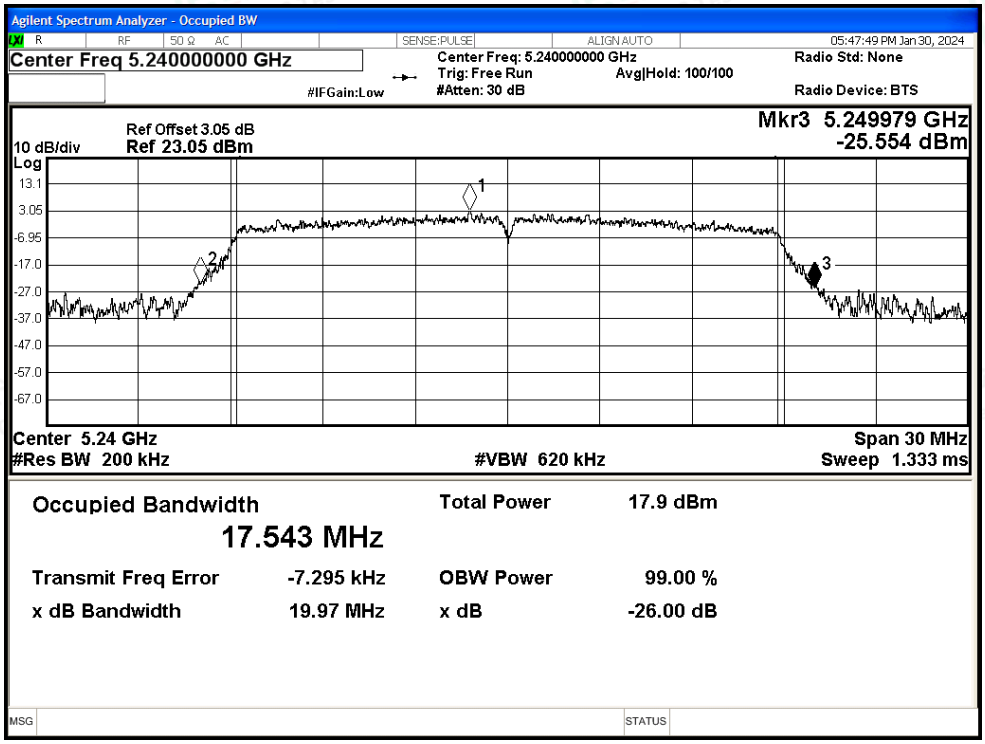
-26dB Bandwidth NVNT ac20 5180MHz Ant1



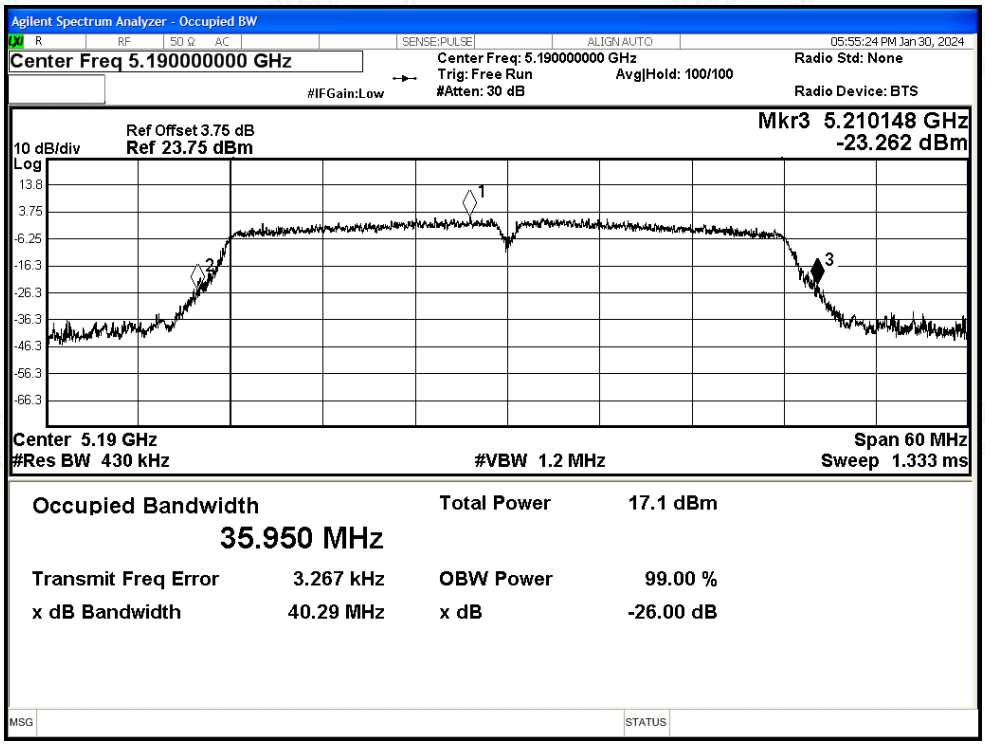
-26dB Bandwidth NVNT ac20 5200MHz Ant1



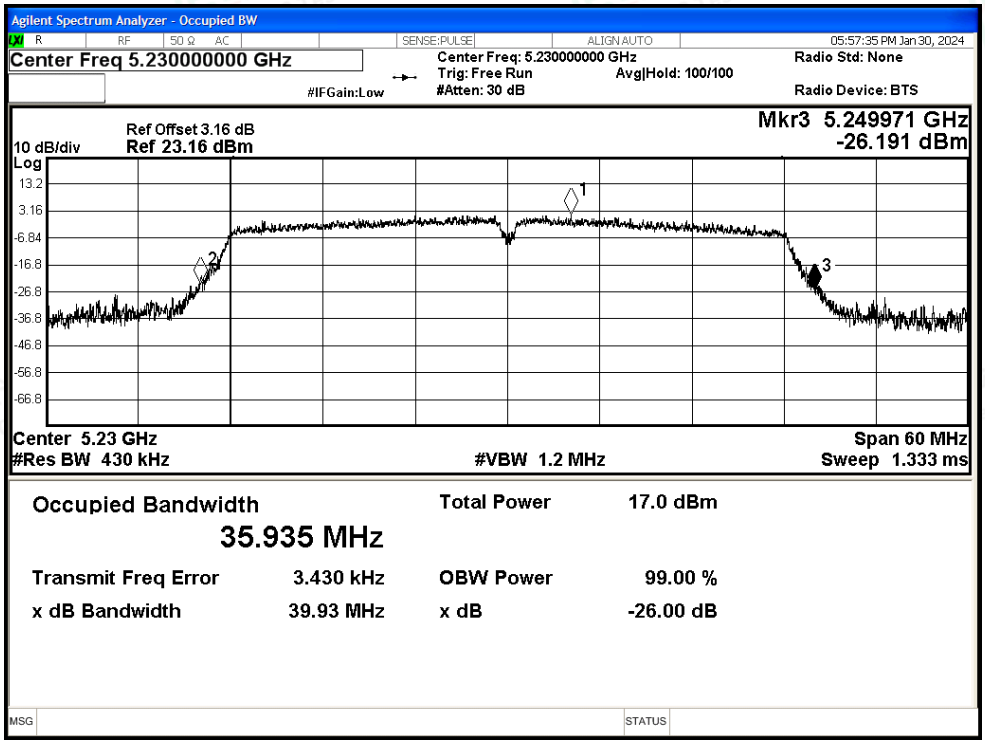
-26dB Bandwidth NVNT ac20 5240MHz Ant1



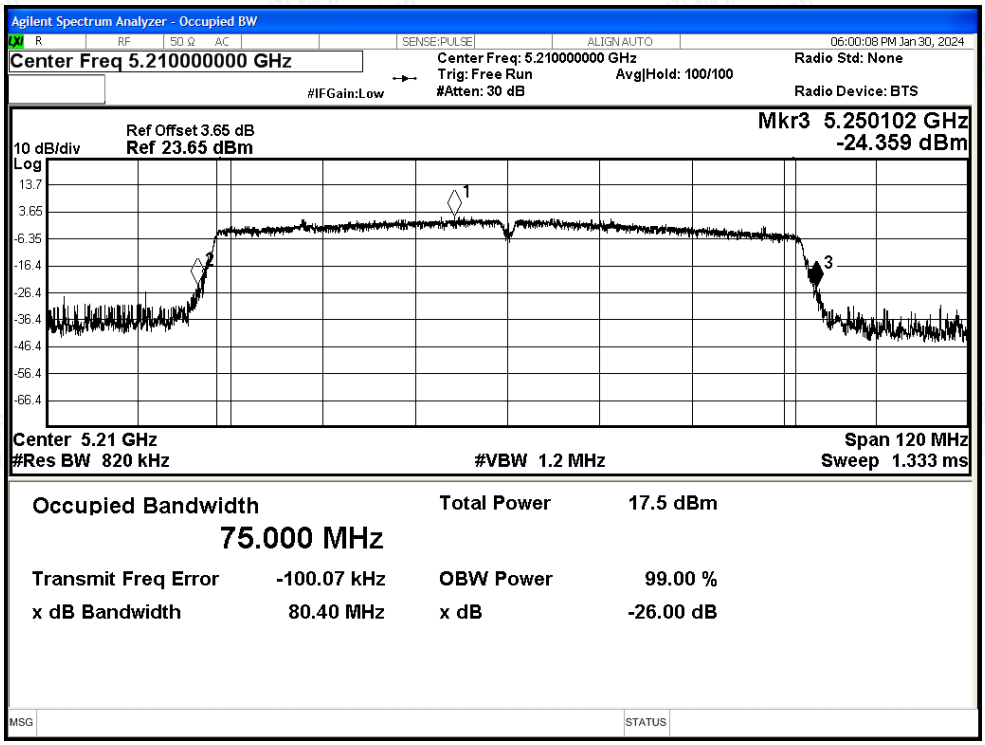
-26dB Bandwidth NVNT ac40 5190MHz Ant1



-26dB Bandwidth NVNT ac40 5230MHz Ant1



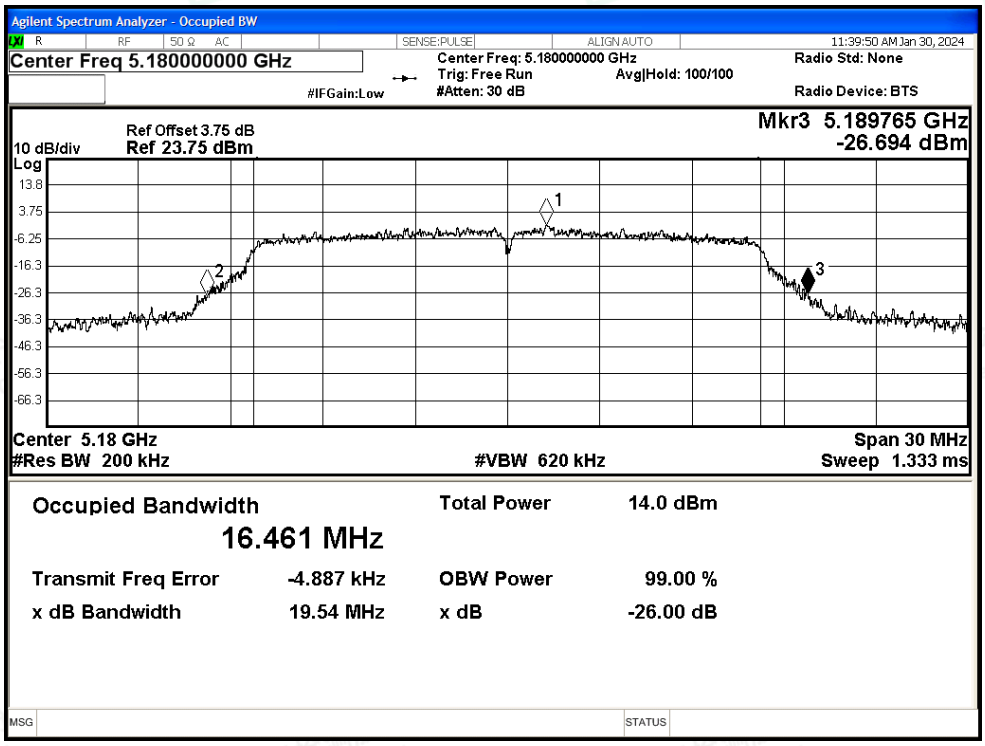
-26dB Bandwidth NVNT ac80 5210MHz Ant1



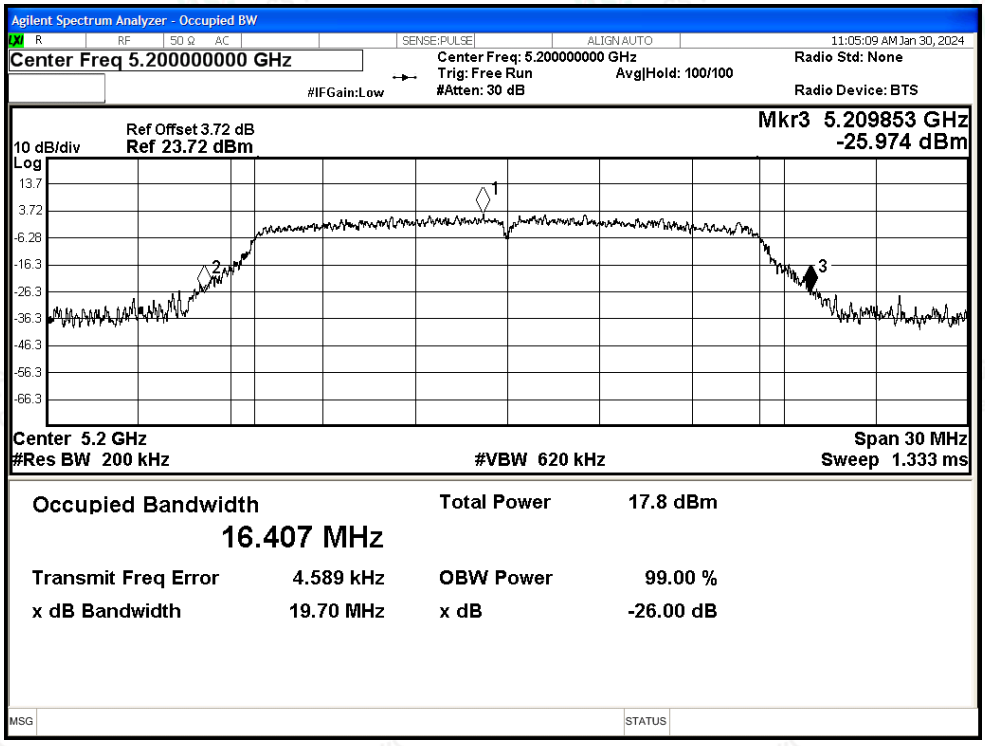
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant2	19.541	>=0.5	Pass
NVNT	a	5200	Ant2	19.696	>=0.5	Pass
NVNT	a	5240	Ant2	19.745	>=0.5	Pass
NVNT	n20	5180	Ant2	20.009	>=0.5	Pass
NVNT	n20	5200	Ant2	20.126	>=0.5	Pass
NVNT	n20	5240	Ant2	20.229	>=0.5	Pass
NVNT	n40	5190	Ant2	40.032	>=0.5	Pass
NVNT	n40	5230	Ant2	40.851	>=0.5	Pass
NVNT	ac20	5180	Ant2	19.84	>=0.5	Pass
NVNT	ac20	5200	Ant2	20.218	>=0.5	Pass
NVNT	ac20	5240	Ant2	20.325	>=0.5	Pass
NVNT	ac40	5190	Ant2	40.027	>=0.5	Pass
NVNT	ac40	5230	Ant2	40.455	>=0.5	Pass
NVNT	ac80	5210	Ant2	80.287	>=0.5	Pass

Test Graphs

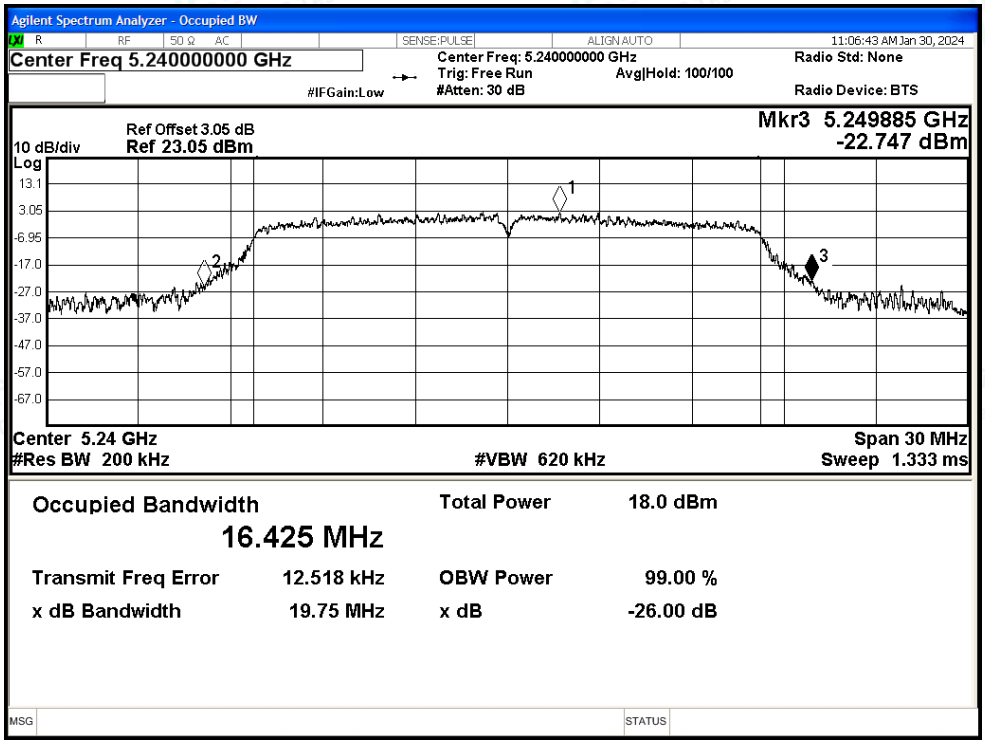
-26dB Bandwidth NVNT a 5180MHz Ant2



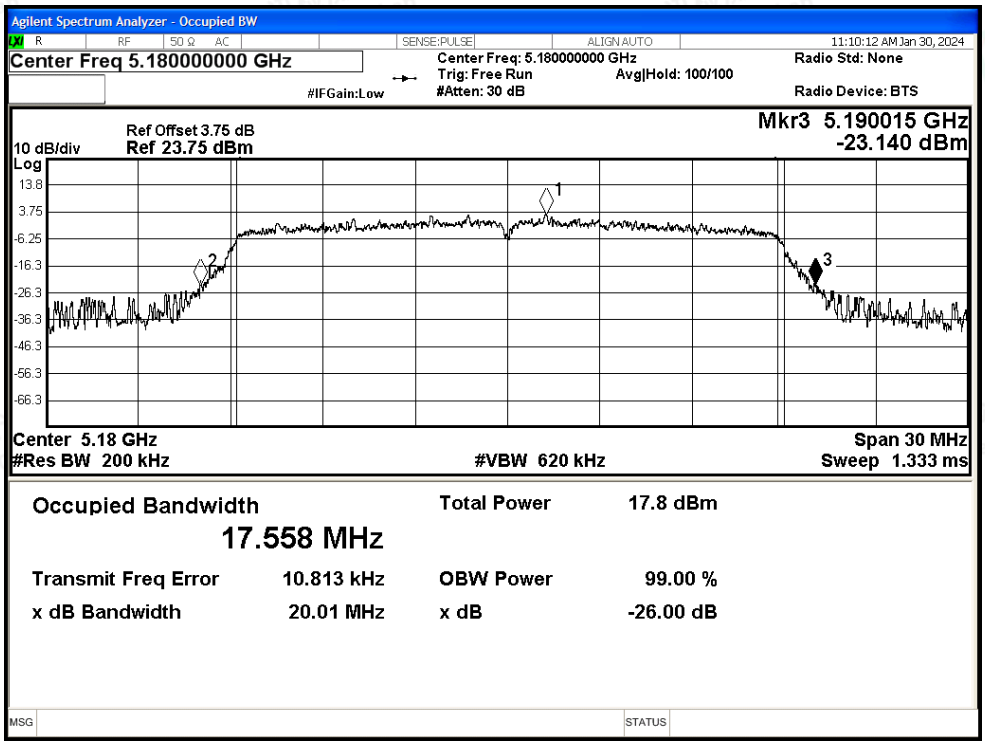
-26dB Bandwidth NVNT a 5200MHz Ant2



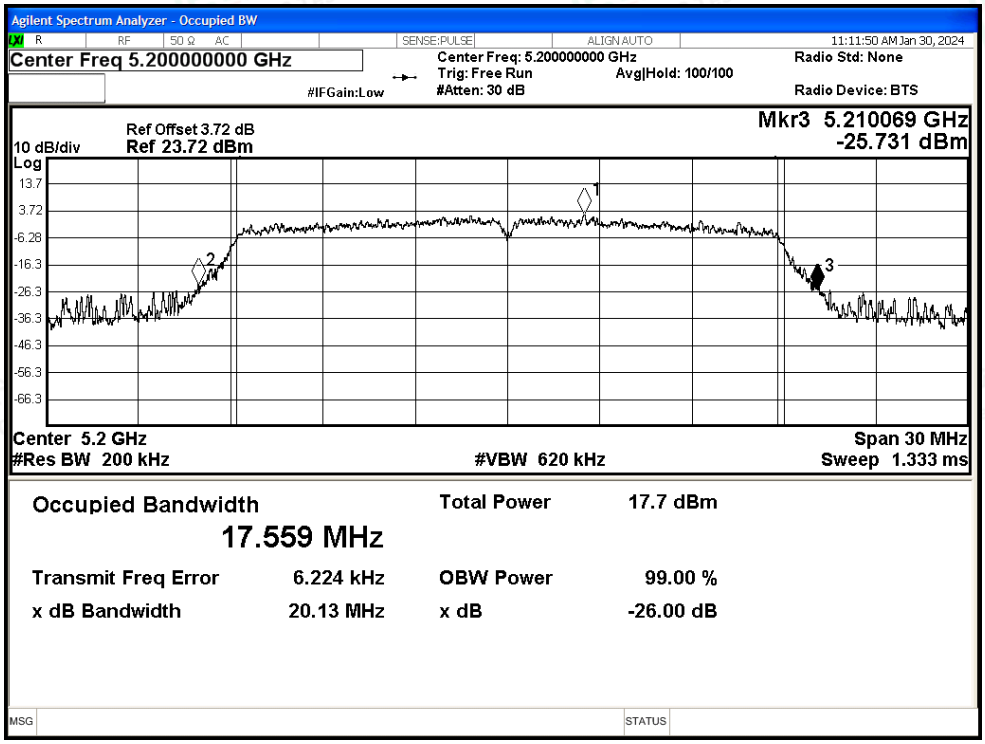
-26dB Bandwidth NVNT a 5240MHz Ant2



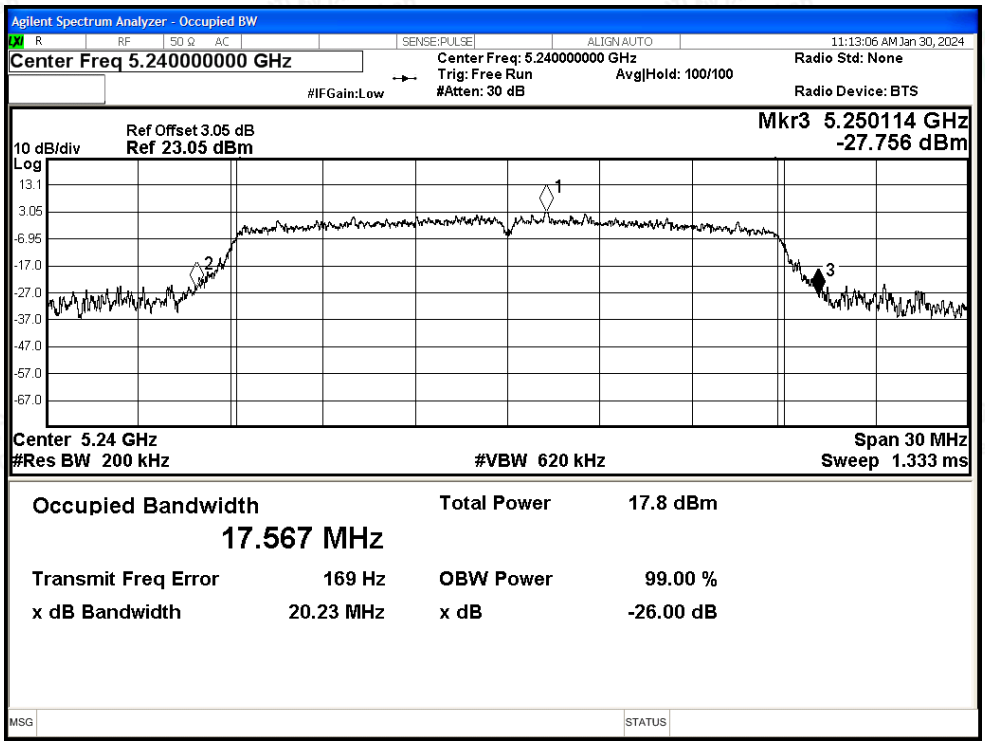
-26dB Bandwidth NVNT n20 5180MHz Ant2



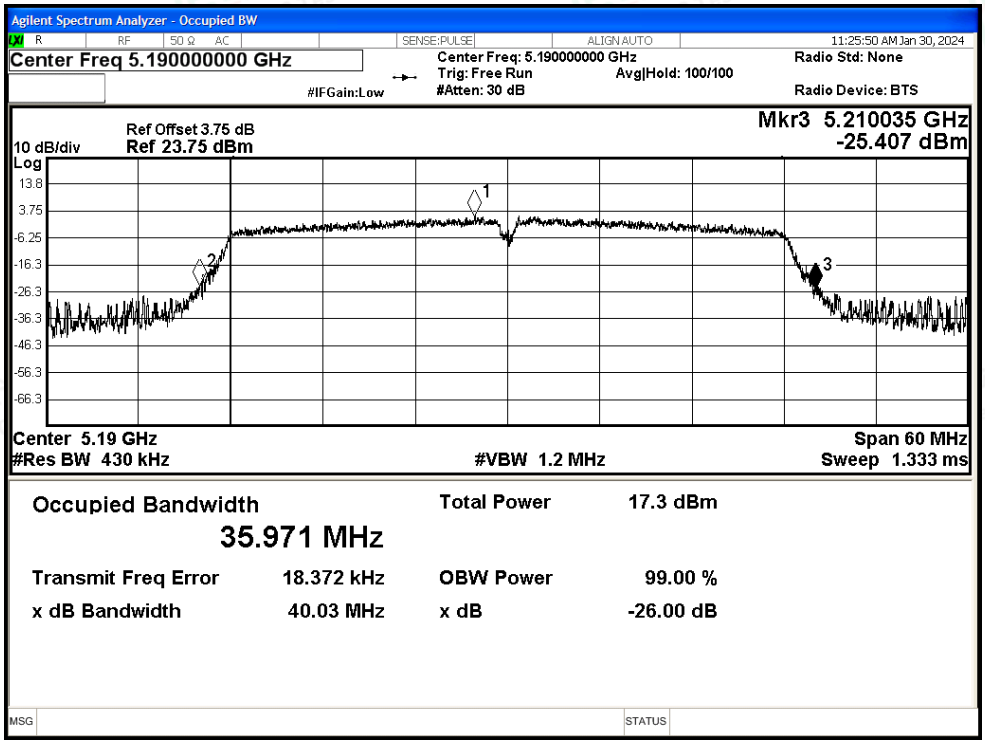
-26dB Bandwidth NVNT n20 5200MHz Ant2



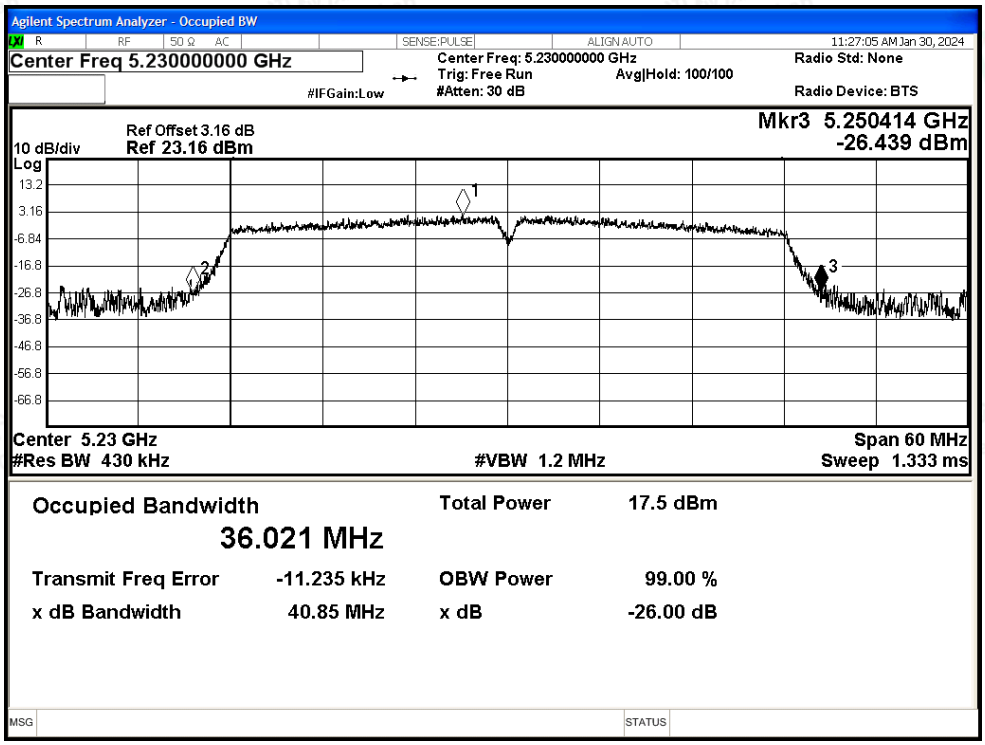
-26dB Bandwidth NVNT n20 5240MHz Ant2



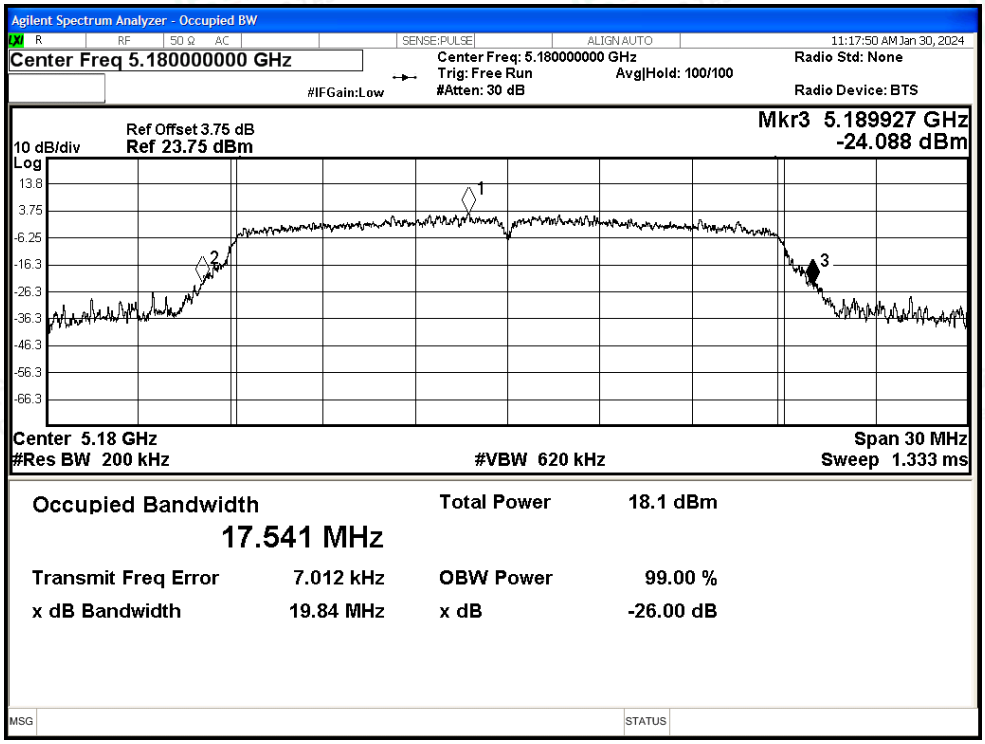
-26dB Bandwidth NVNT n40 5190MHz Ant2



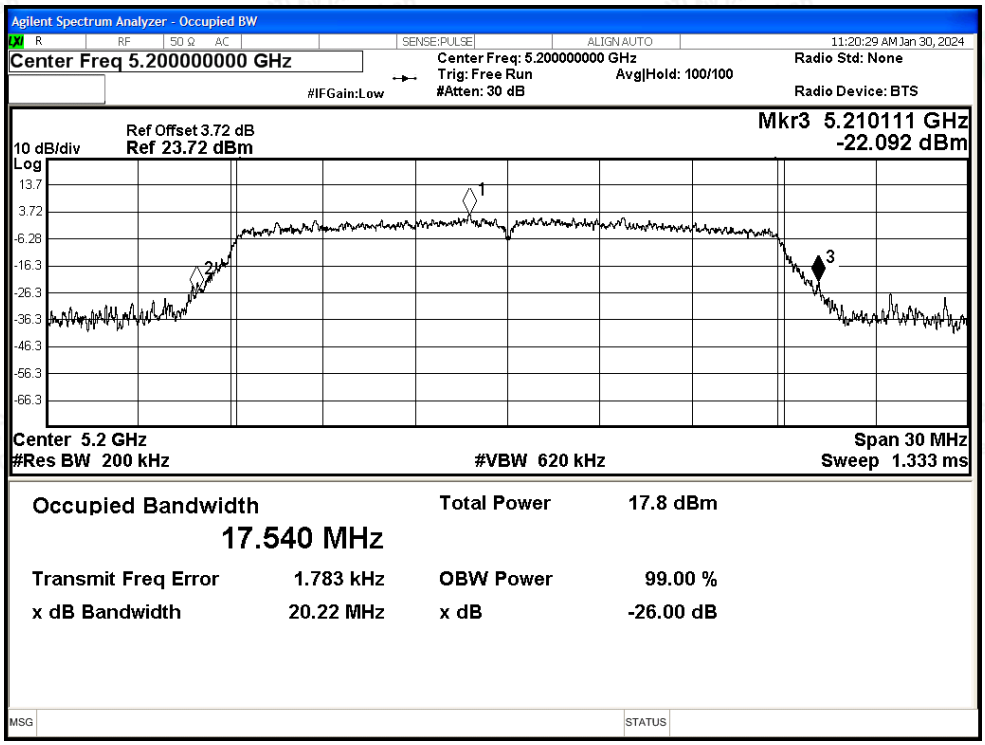
-26dB Bandwidth NVNT n40 5230MHz Ant2



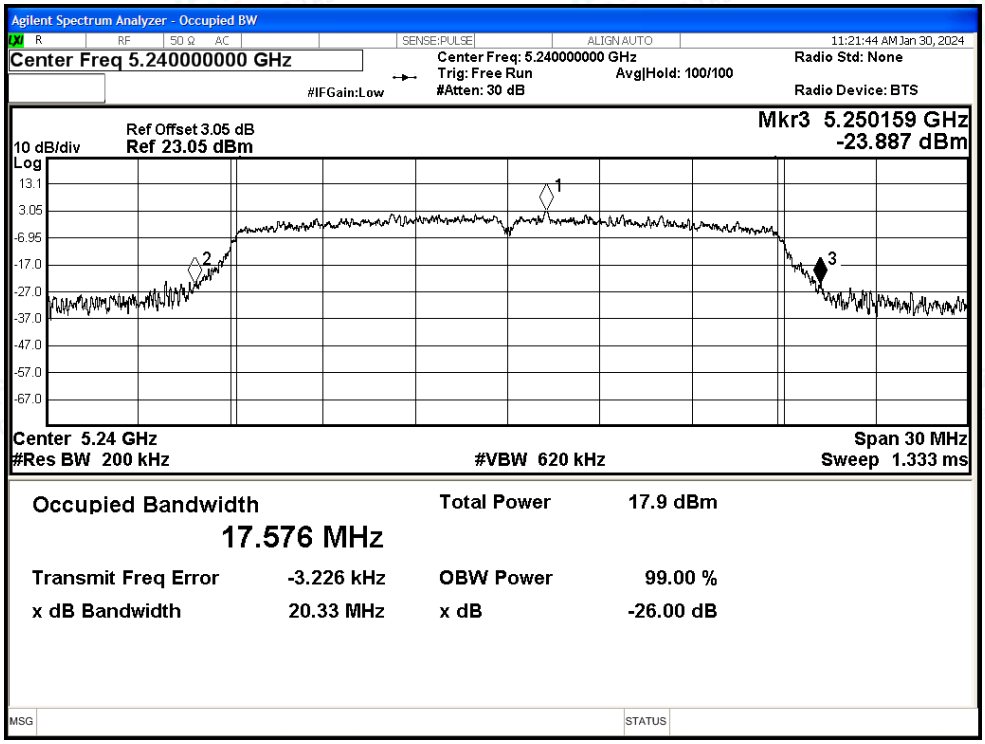
-26dB Bandwidth NVNT ac20 5180MHz Ant2



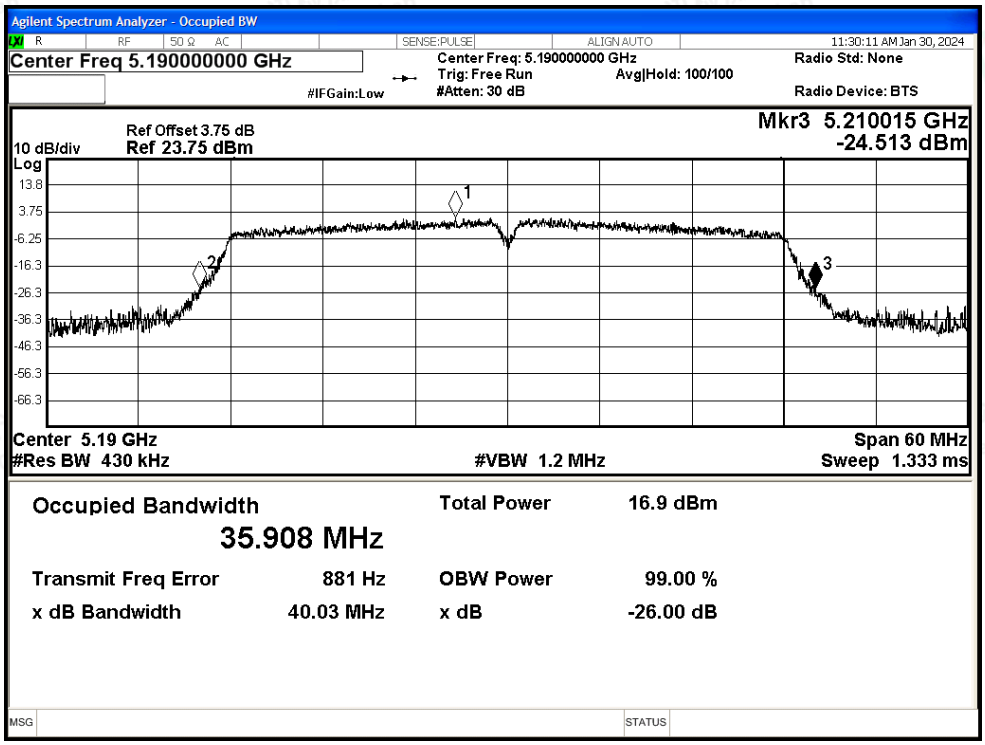
-26dB Bandwidth NVNT ac20 5200MHz Ant2



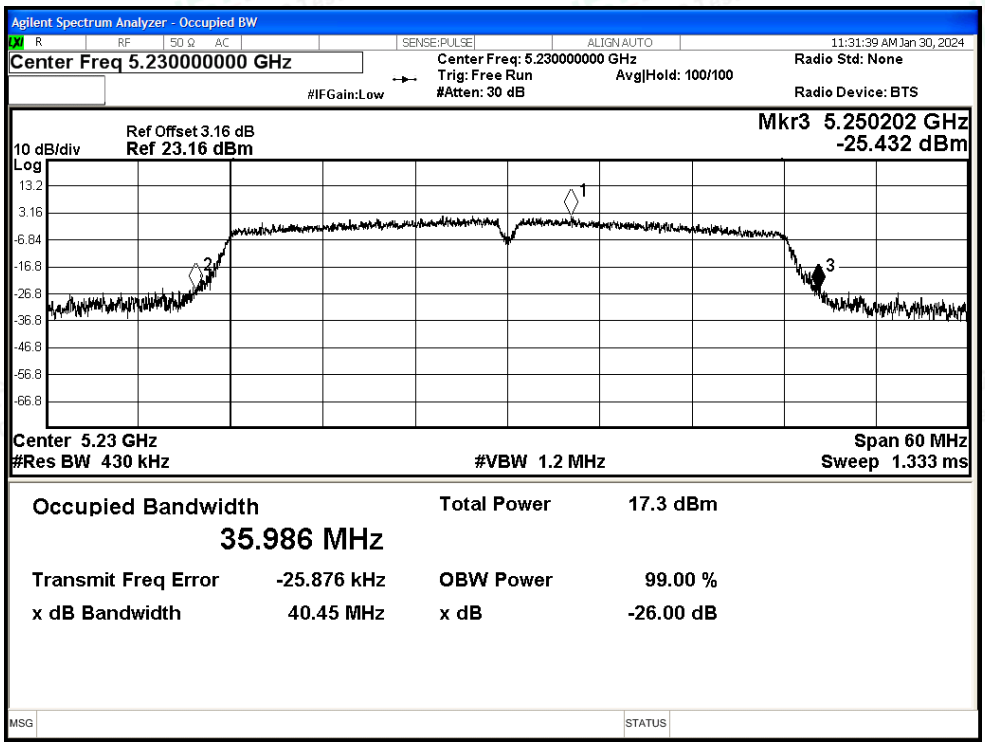
-26dB Bandwidth NVNT ac20 5240MHz Ant2



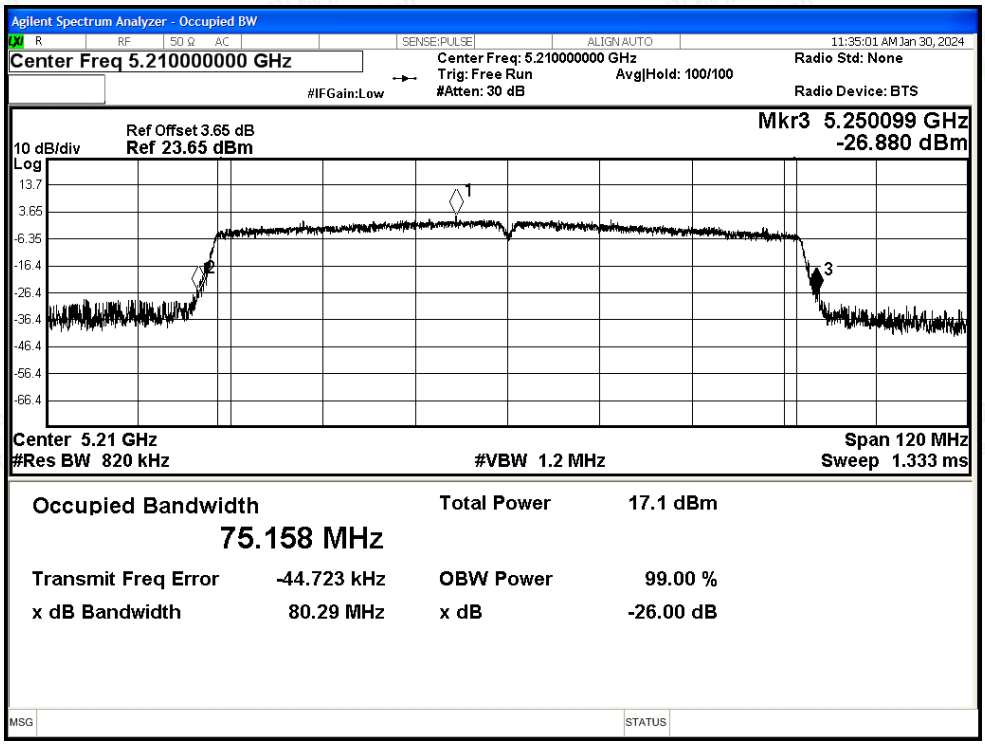
-26dB Bandwidth NVNT ac40 5190MHz Ant2



-26dB Bandwidth NVNT ac40 5230MHz Ant2



-26dB Bandwidth NVNT ac80 5210MHz Ant2



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	12.63	0.14	12.77	24	Pass
NVNT	a	5200	Ant1	12.43	0.13	12.56	24	Pass
NVNT	a	5240	Ant1	12.36	0.14	12.5	24	Pass
NVNT	n20	5180	Ant1	12.33	0.15	12.48	24	Pass
NVNT	n20	5200	Ant1	12.33	0.15	12.48	24	Pass
NVNT	n20	5240	Ant1	12.04	0.15	12.19	24	Pass
NVNT	n40	5190	Ant1	11.16	0.28	11.44	24	Pass
NVNT	n40	5230	Ant1	11.08	0.28	11.36	24	Pass
NVNT	ac20	5180	Ant1	12.27	0.14	12.41	24	Pass
NVNT	ac20	5200	Ant1	12.39	0.15	12.54	24	Pass
NVNT	ac20	5240	Ant1	11.99	0.14	12.13	24	Pass
NVNT	ac40	5190	Ant1	11.22	0.28	11.5	24	Pass
NVNT	ac40	5230	Ant1	11.14	0.28	11.42	24	Pass
NVNT	ac80	5210	Ant1	10.11	0.55	10.66	24	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant2	12.04	0.13	12.17	24	Pass
NVNT	a	5200	Ant2	12.21	0.13	12.34	24	Pass
NVNT	a	5240	Ant2	12.25	0.13	12.38	24	Pass
NVNT	n20	5180	Ant2	12.03	0.15	12.18	24	Pass
NVNT	n20	5200	Ant2	12.09	0.15	12.24	24	Pass
NVNT	n20	5240	Ant2	12.1	0.15	12.25	24	Pass
NVNT	n40	5190	Ant2	11.48	0.29	11.77	24	Pass
NVNT	n40	5230	Ant2	11.62	0.29	11.91	24	Pass
NVNT	ac20	5180	Ant2	12.45	0.14	12.59	24	Pass
NVNT	ac20	5200	Ant2	12.17	0.14	12.31	24	Pass
NVNT	ac20	5240	Ant2	12.28	0.14	12.42	24	Pass
NVNT	ac40	5190	Ant2	11.06	0.28	11.34	24	Pass
NVNT	ac40	5230	Ant2	11.11	0.28	11.39	24	Pass
NVNT	ac80	5210	Ant2	10.4	0.55	10.95	24	Pass

MIMO

Condition	Mode	Frequency (MHz)	Total Power (dBm)			Limit (dBm)	Verdict
			Ant1	Ant2	Ant1+Ant2		
NVNT	n20	5180	12.48	12.18	15.34	24	Pass
NVNT	n20	5200	12.48	12.24	15.37	24	Pass
NVNT	n20	5240	12.19	12.25	15.23	24	Pass
NVNT	n40	5190	11.44	11.77	14.62	24	Pass
NVNT	n40	5230	11.36	11.91	14.65	24	Pass
NVNT	ac20	5180	12.41	12.59	15.51	24	Pass
NVNT	ac20	5200	12.54	12.31	15.44	24	Pass
NVNT	ac20	5240	12.13	12.42	15.29	24	Pass
NVNT	ac40	5190	11.5	11.34	14.43	24	Pass
NVNT	ac40	5230	11.42	11.39	14.42	24	Pass
NVNT	ac80	5210	10.66	10.95	13.82	24	Pass

D.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	Ant1	2.91	0.14	3.05	11	Pass
NVNT	a	5200	Ant1	2.95	0.13	3.08	11	Pass
NVNT	a	5240	Ant1	2.96	0.14	3.1	11	Pass
NVNT	n20	5180	Ant1	2.65	0.15	2.8	11	Pass
NVNT	n20	5200	Ant1	2.34	0.15	2.49	11	Pass
NVNT	n20	5240	Ant1	2.15	0.15	2.3	11	Pass
NVNT	n40	5190	Ant1	-1.61	0.28	-1.33	11	Pass
NVNT	n40	5230	Ant1	-1.56	0.28	-1.28	11	Pass
NVNT	ac20	5180	Ant1	2.68	0.14	2.82	11	Pass
NVNT	ac20	5200	Ant1	2.48	0.15	2.63	11	Pass
NVNT	ac20	5240	Ant1	2.34	0.14	2.48	11	Pass
NVNT	ac40	5190	Ant1	-1.35	0.28	-1.07	11	Pass
NVNT	ac40	5230	Ant1	-1.47	0.28	-1.19	11	Pass
NVNT	ac80	5210	Ant1	-4.86	0.55	-4.31	11	Pass

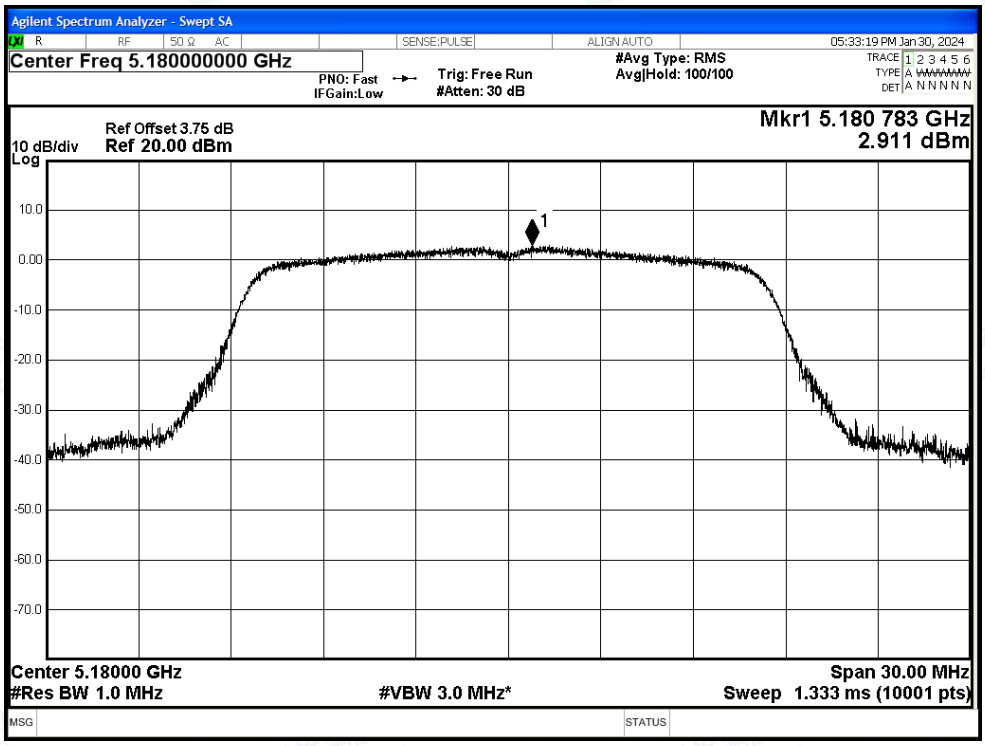
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	Ant2	-1.22	0.13	-1.09	11	Pass
NVNT	a	5200	Ant2	2.53	0.13	2.66	11	Pass
NVNT	a	5240	Ant2	2.7	0.13	2.83	11	Pass
NVNT	n20	5180	Ant2	2.36	0.15	2.51	11	Pass
NVNT	n20	5200	Ant2	2.54	0.15	2.69	11	Pass
NVNT	n20	5240	Ant2	2.25	0.15	2.4	11	Pass
NVNT	n40	5190	Ant2	-1.13	0.29	-0.84	11	Pass
NVNT	n40	5230	Ant2	-0.96	0.29	-0.67	11	Pass
NVNT	ac20	5180	Ant2	2.42	0.14	2.56	11	Pass
NVNT	ac20	5200	Ant2	2.57	0.14	2.71	11	Pass
NVNT	ac20	5240	Ant2	2.64	0.14	2.78	11	Pass
NVNT	ac40	5190	Ant2	-1.67	0.28	-1.39	11	Pass
NVNT	ac40	5230	Ant2	-1.04	0.28	-0.76	11	Pass
NVNT	ac80	5210	Ant2	-5.08	0.55	-4.53	11	Pass

MIMO

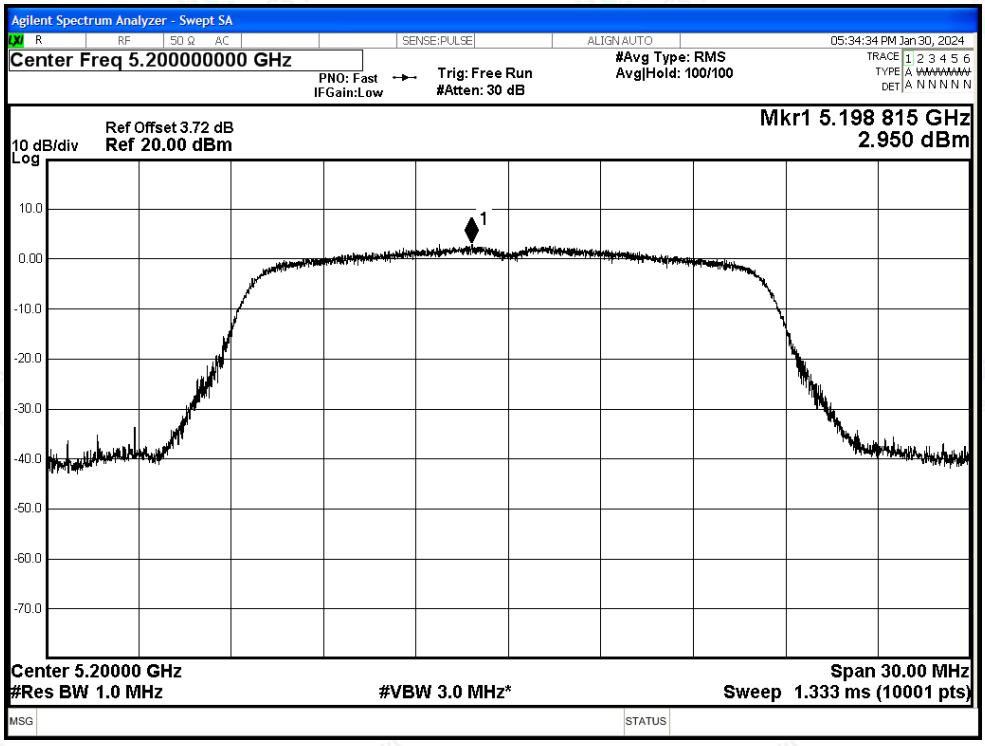
Condition	Mode	Frequency (MHz)	Total PSD (dBm/MHz)			Limit (dBm/MHz)	Verdict
			Ant1	Ant2	Ant1+Ant2		
NVNT	n20	5180	2.8	2.51	5.67	11	Pass
NVNT	n20	5200	2.49	2.69	5.60	11	Pass
NVNT	n20	5240	2.3	2.4	5.36	11	Pass
NVNT	n40	5190	-1.33	-0.84	1.93	11	Pass
NVNT	n40	5230	-1.28	-0.67	2.05	11	Pass
NVNT	ac20	5180	2.82	2.56	5.70	11	Pass
NVNT	ac20	5200	2.63	2.71	5.68	11	Pass
NVNT	ac20	5240	2.48	2.78	5.64	11	Pass
NVNT	ac40	5190	-1.07	-1.39	1.78	11	Pass
NVNT	ac40	5230	-1.19	-0.76	2.04	11	Pass
NVNT	ac80	5210	-4.31	-4.53	-1.41	11	Pass

Test Graphs

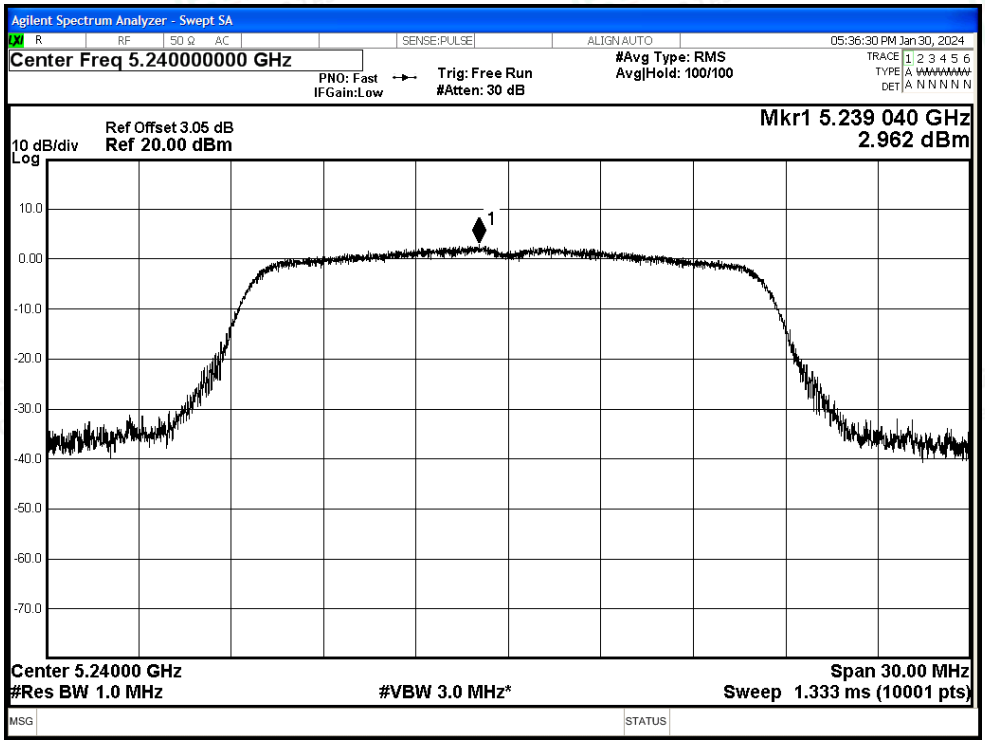
PSD NVNT a 5180MHz Ant1



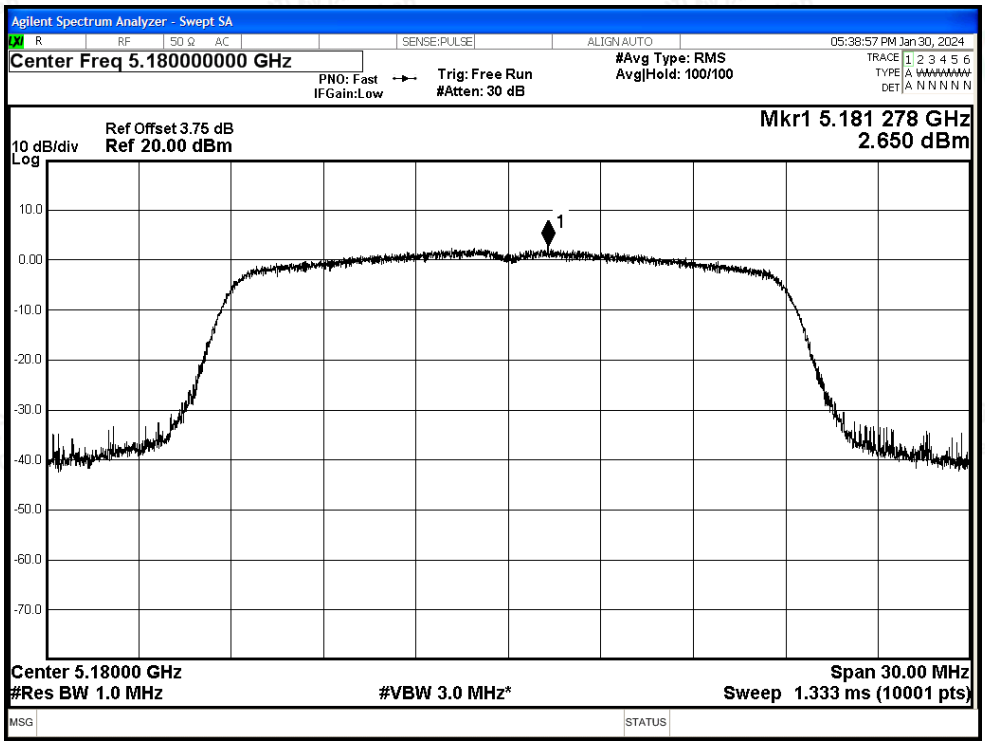
PSD NVNT a 5200MHz Ant1



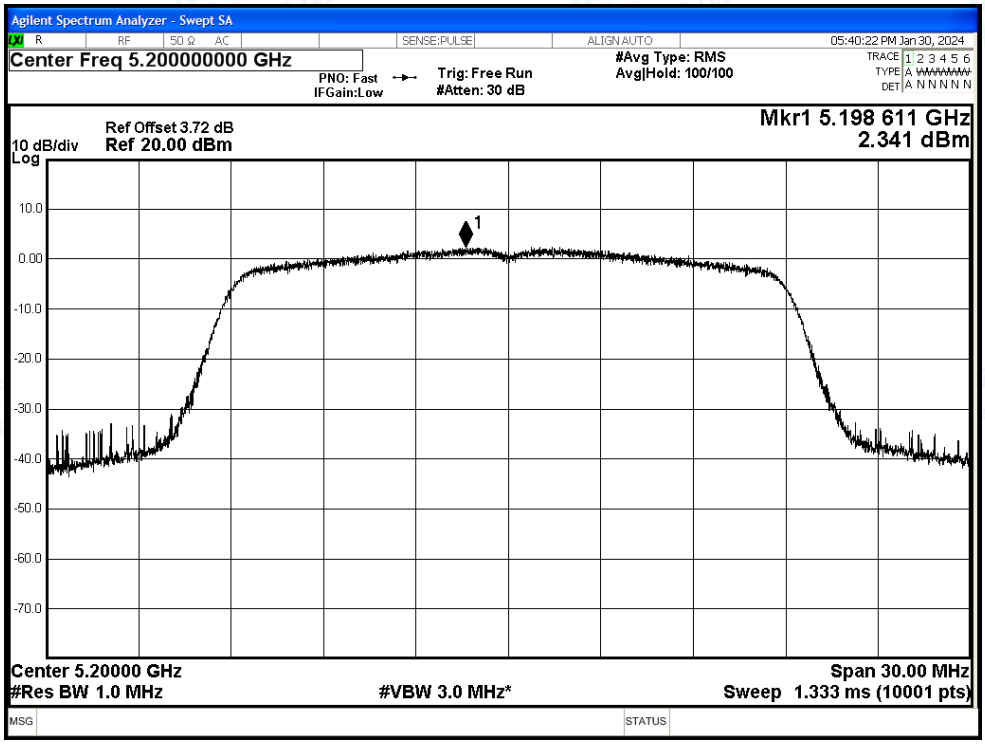
PSD NVNT a 5240MHz Ant1



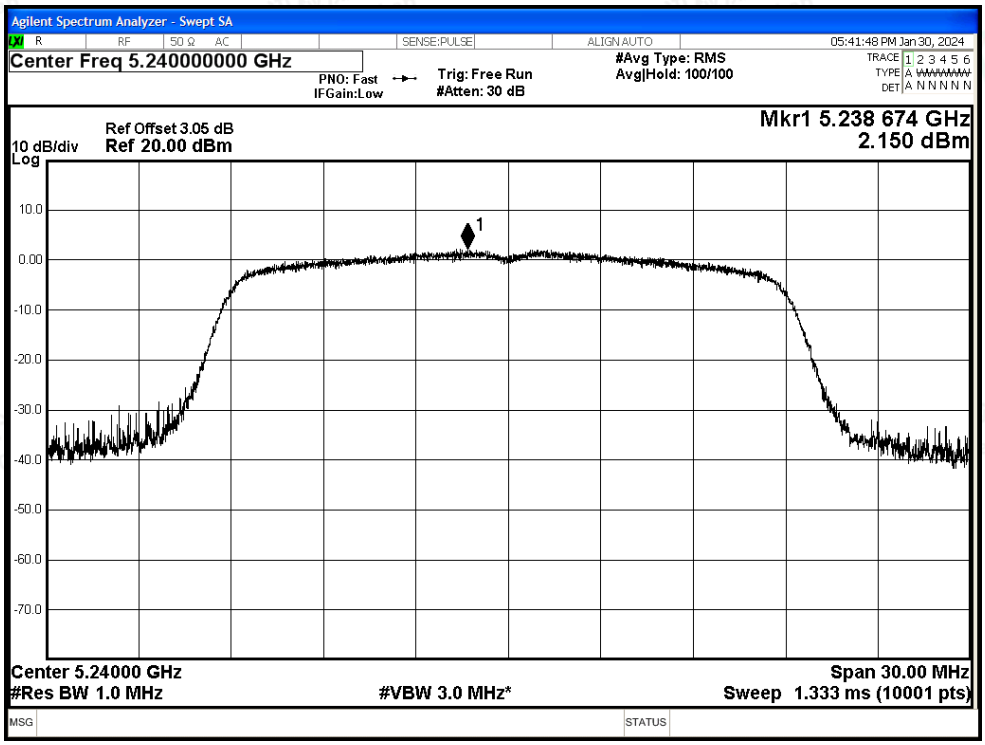
PSD NVNT n20 5180MHz Ant1



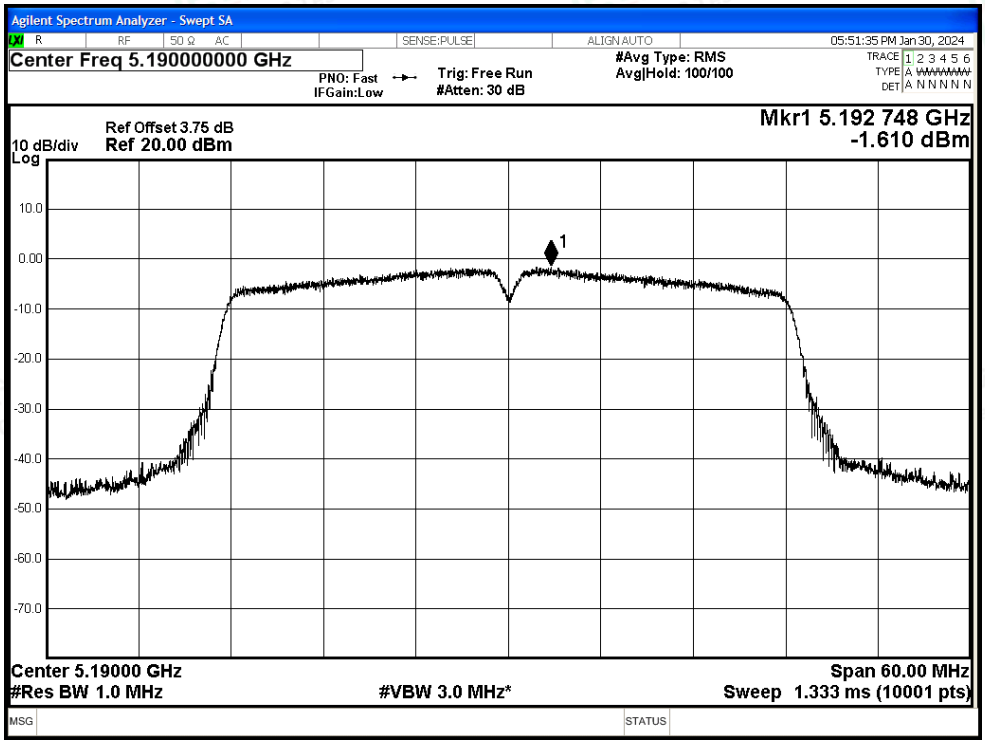
PSD NVNT n20 5200MHz Ant1



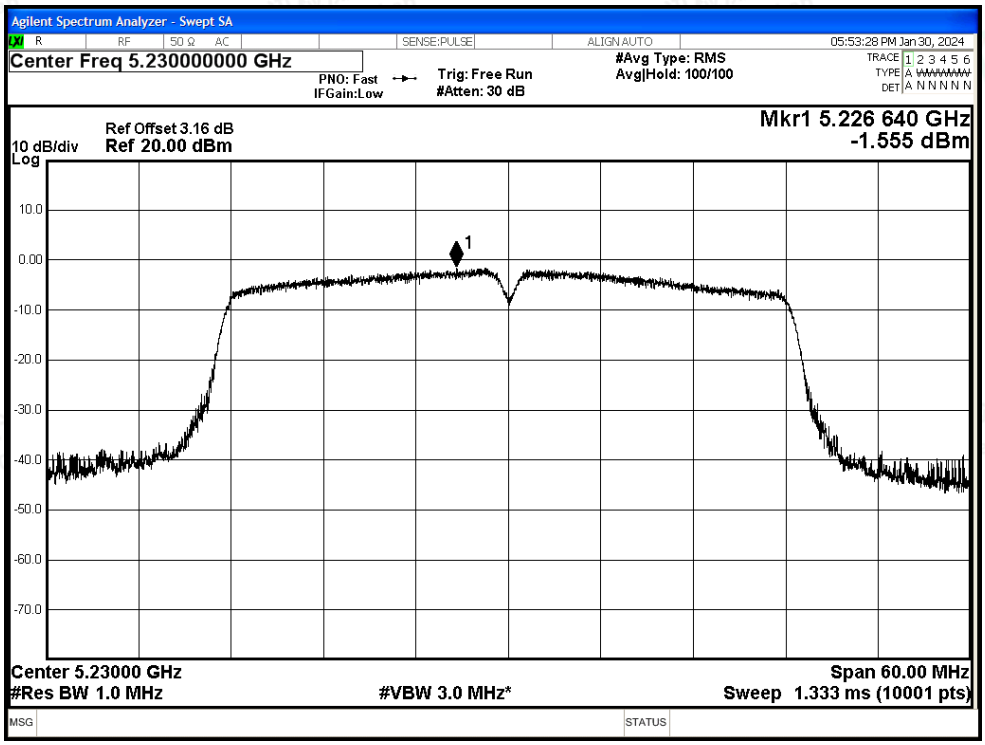
PSD NVNT n20 5240MHz Ant1



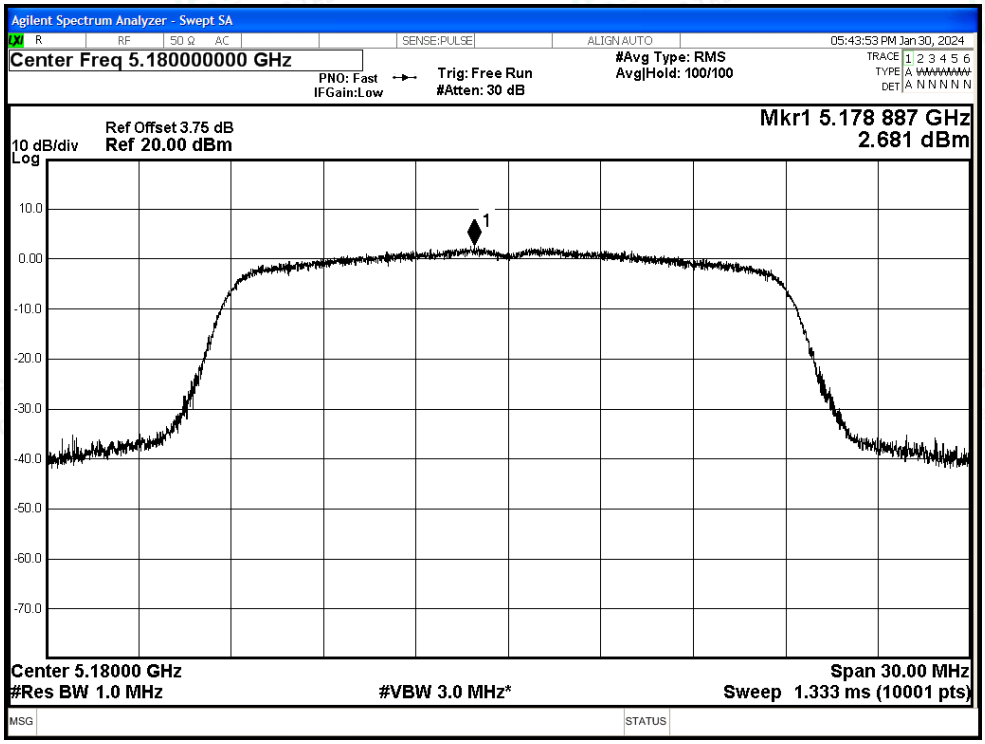
PSD NVNT n40 5190MHz Ant1



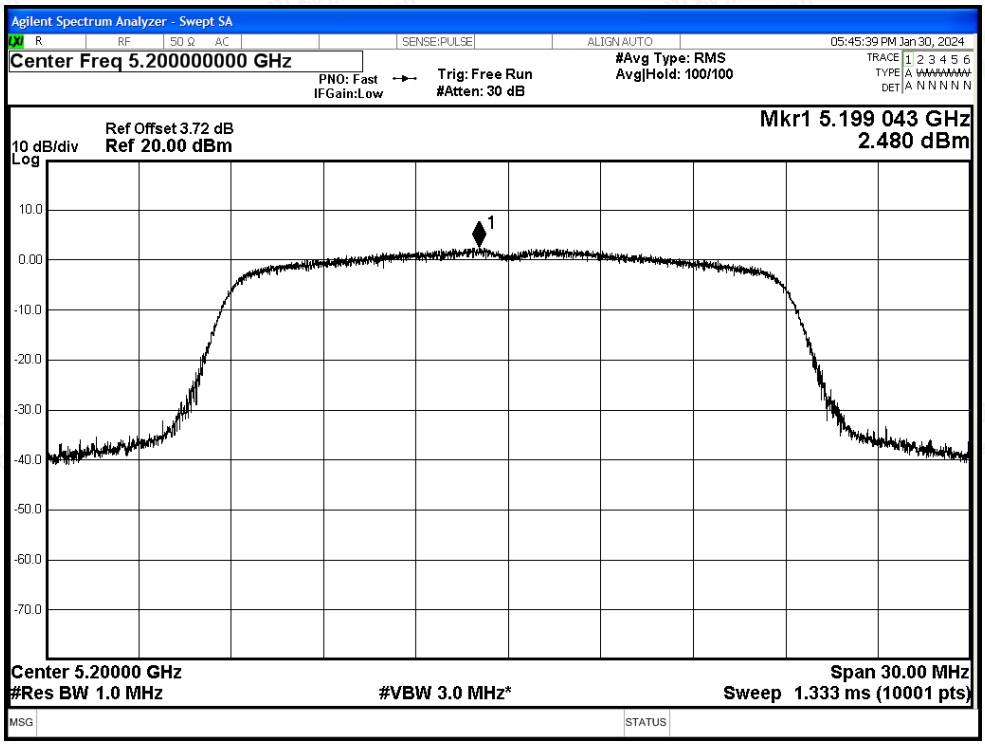
PSD NVNT n40 5230MHz Ant1



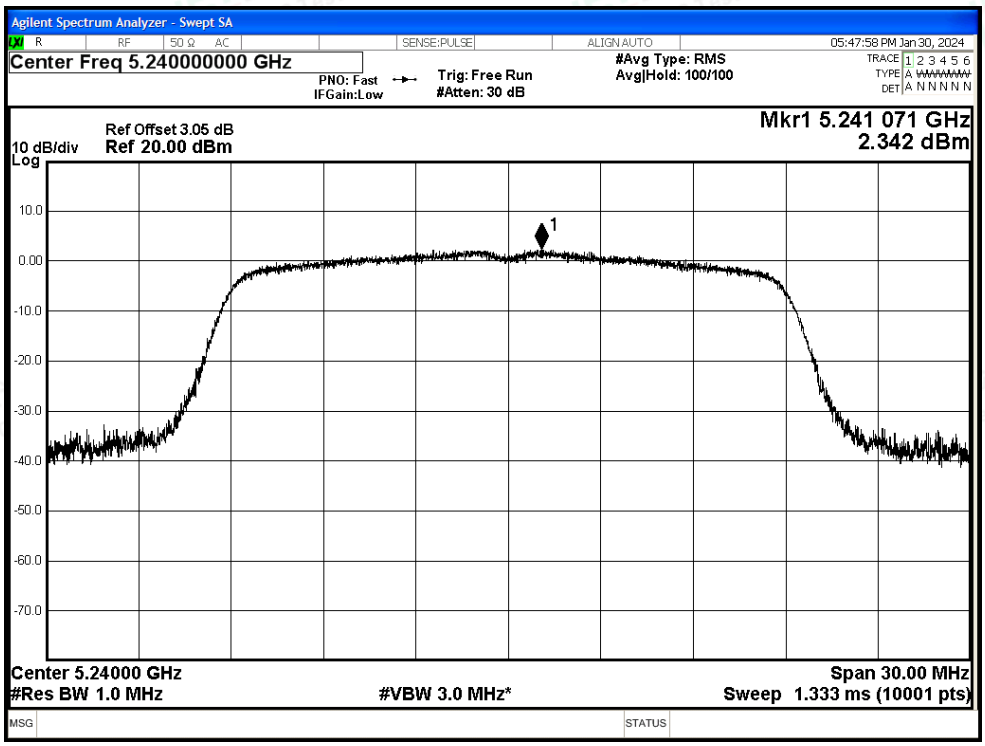
PSD NVNT ac20 5180MHz Ant1



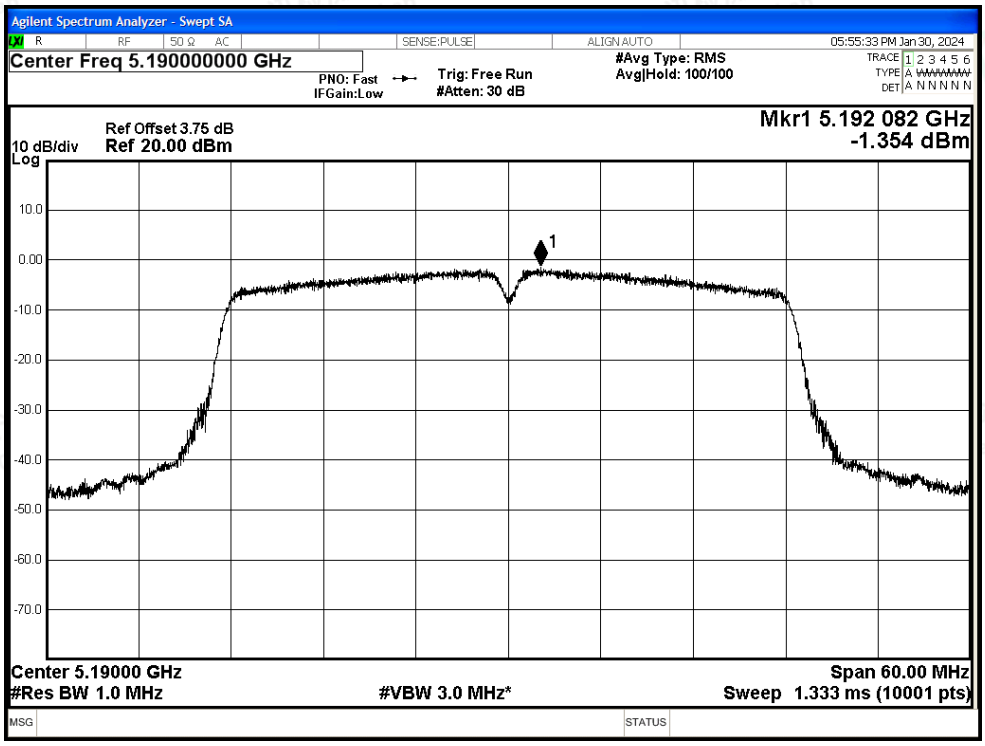
PSD NVNT ac20 5200MHz Ant1



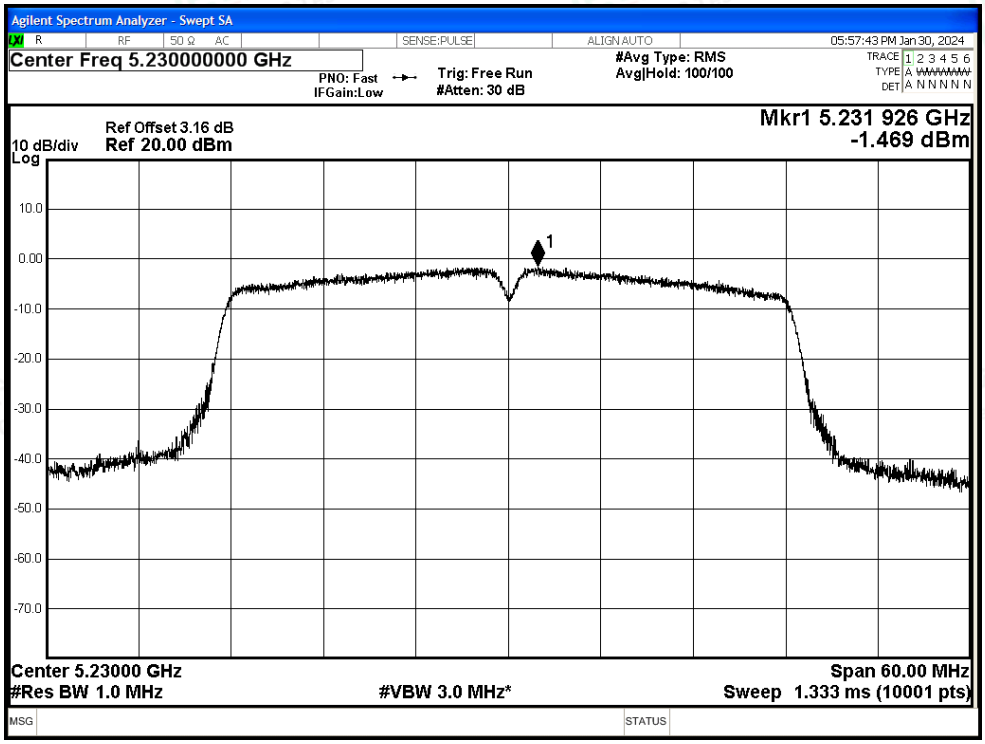
PSD NVNT ac20 5240MHz Ant1



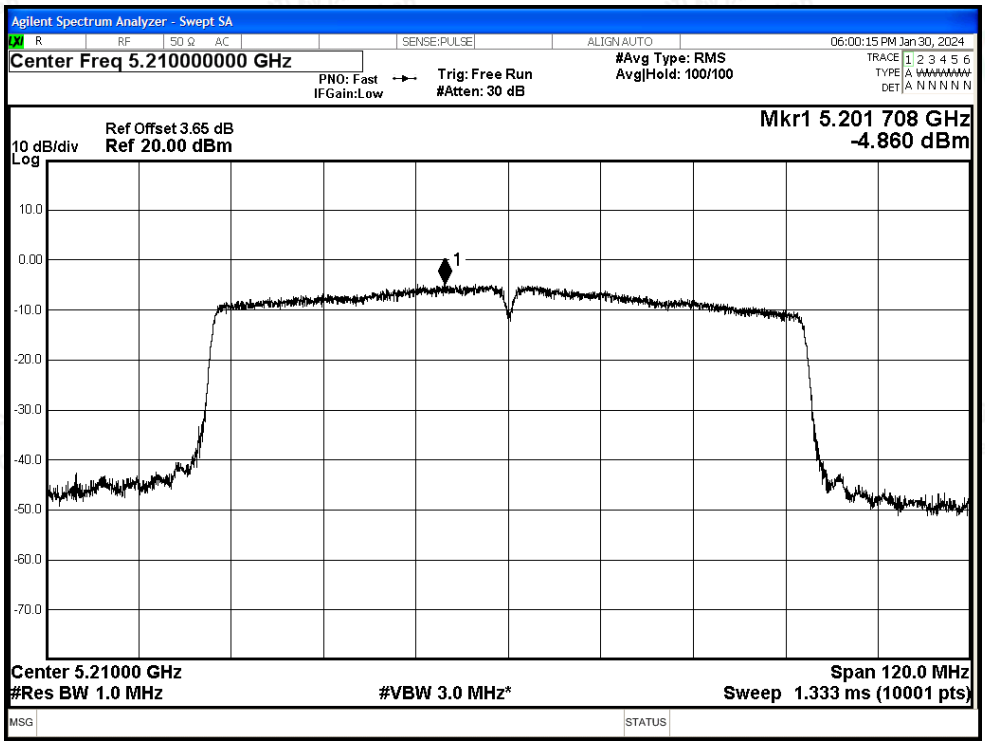
PSD NVNT ac40 5190MHz Ant1



PSD NVNT ac40 5230MHz Ant1

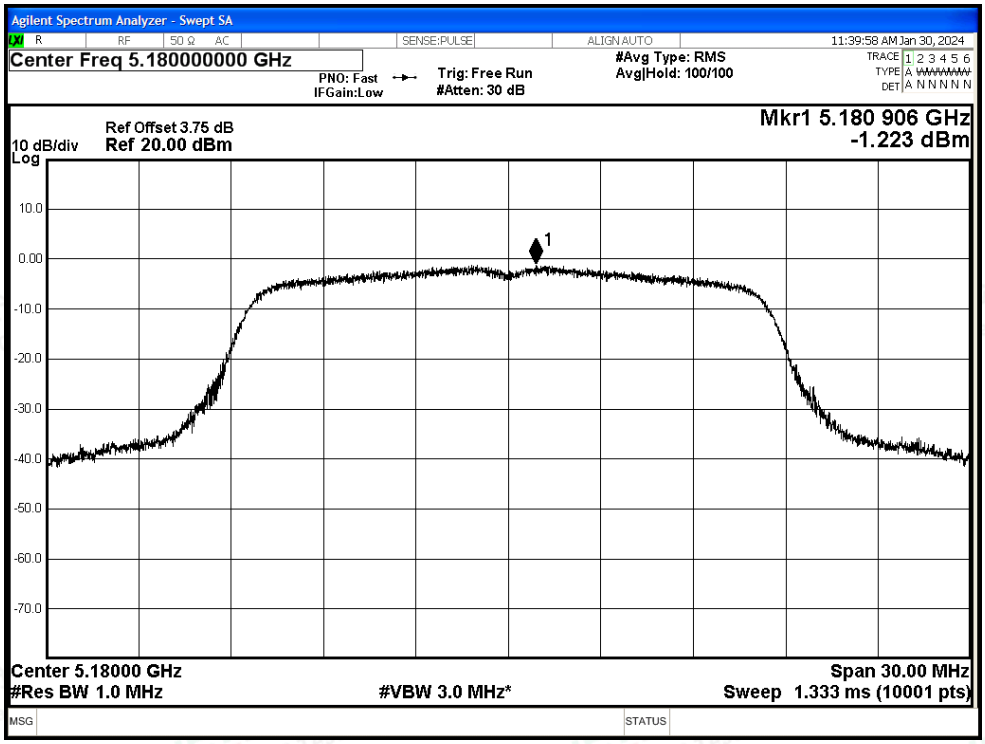


PSD NVNT ac80 5210MHz Ant1

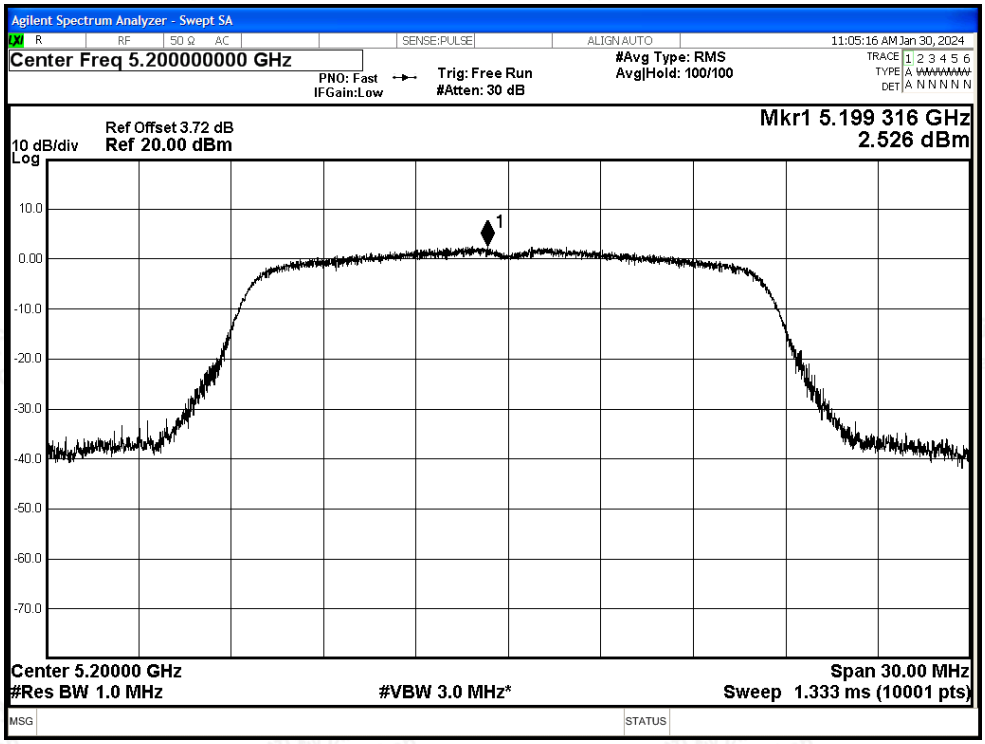


Test Graphs

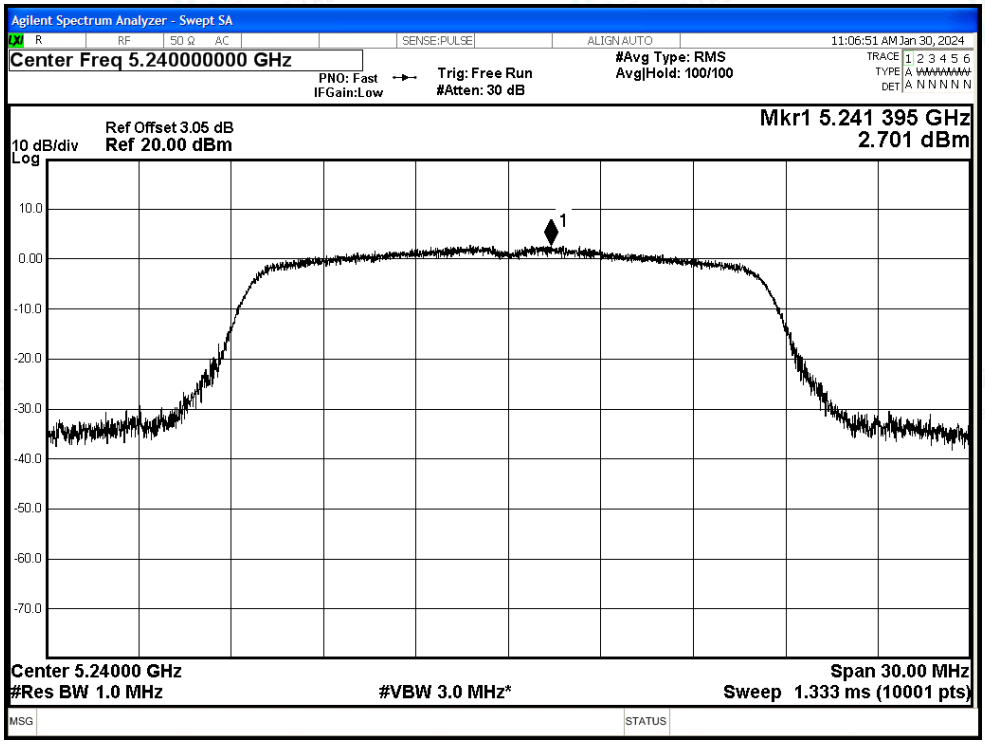
PSD NVNT a 5180MHz Ant2



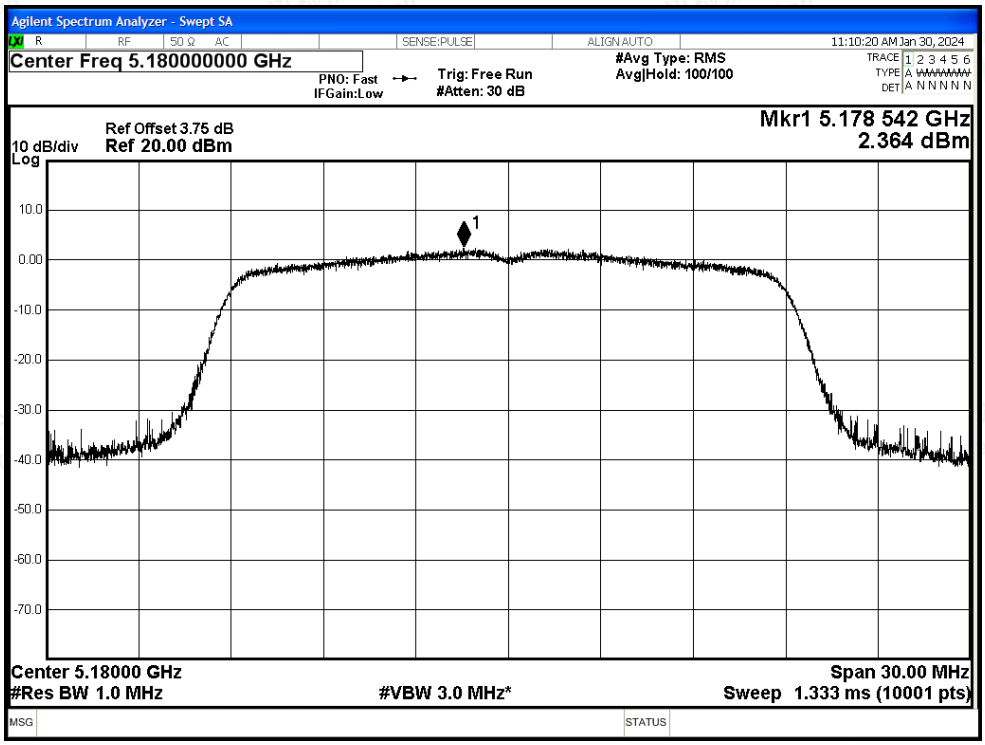
PSD NVNT a 5200MHz Ant2



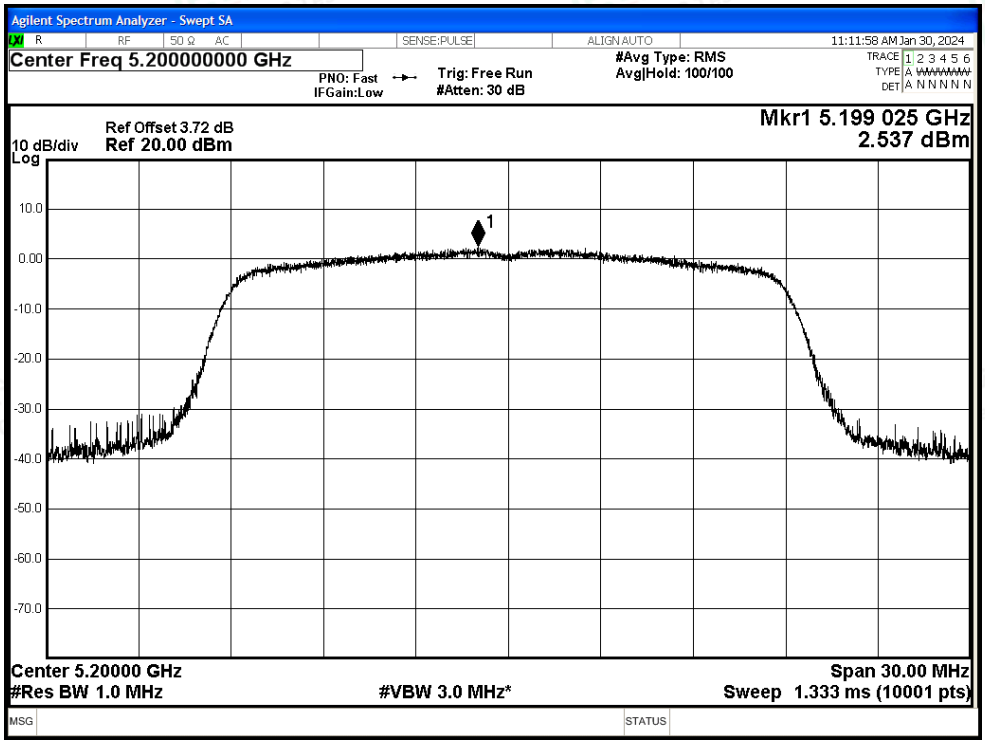
PSD NVNT a 5240MHz Ant2



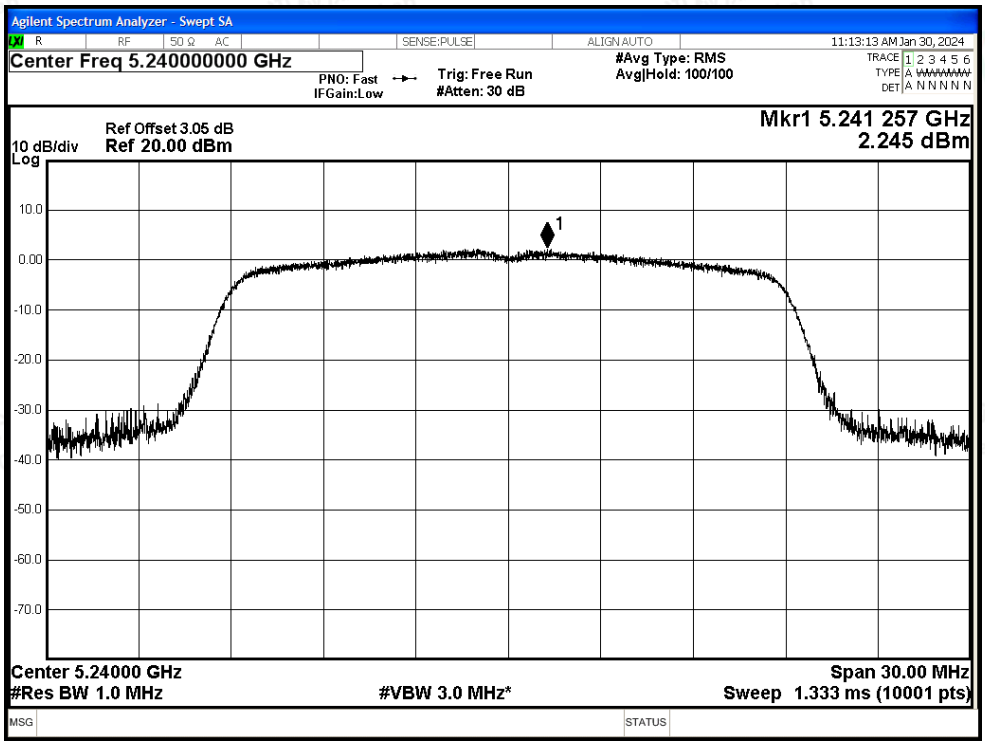
PSD NVNT n20 5180MHz Ant2



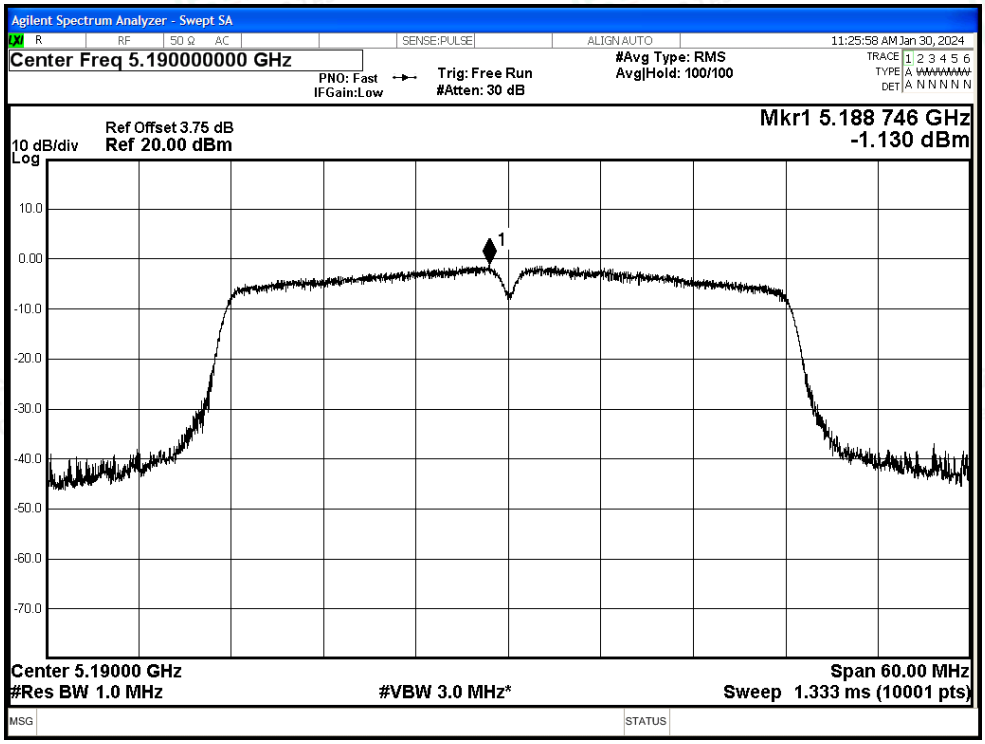
PSD NVNT n20 5200MHz Ant2



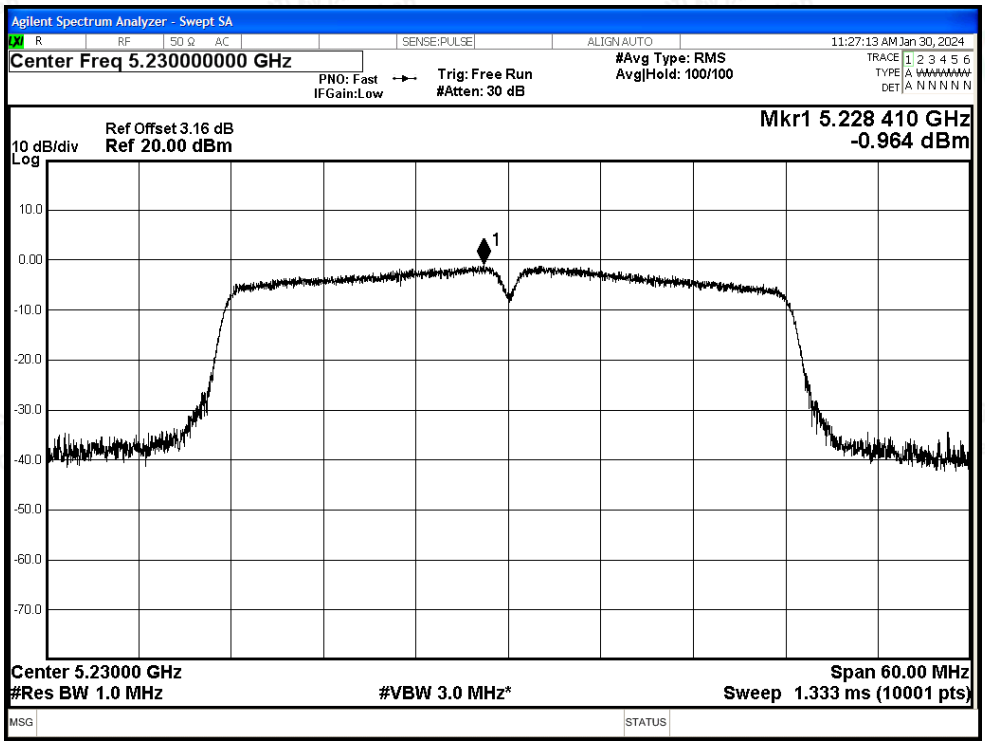
PSD NVNT n20 5240MHz Ant2



PSD NVNT n40 5190MHz Ant2



PSD NVNT n40 5230MHz Ant2



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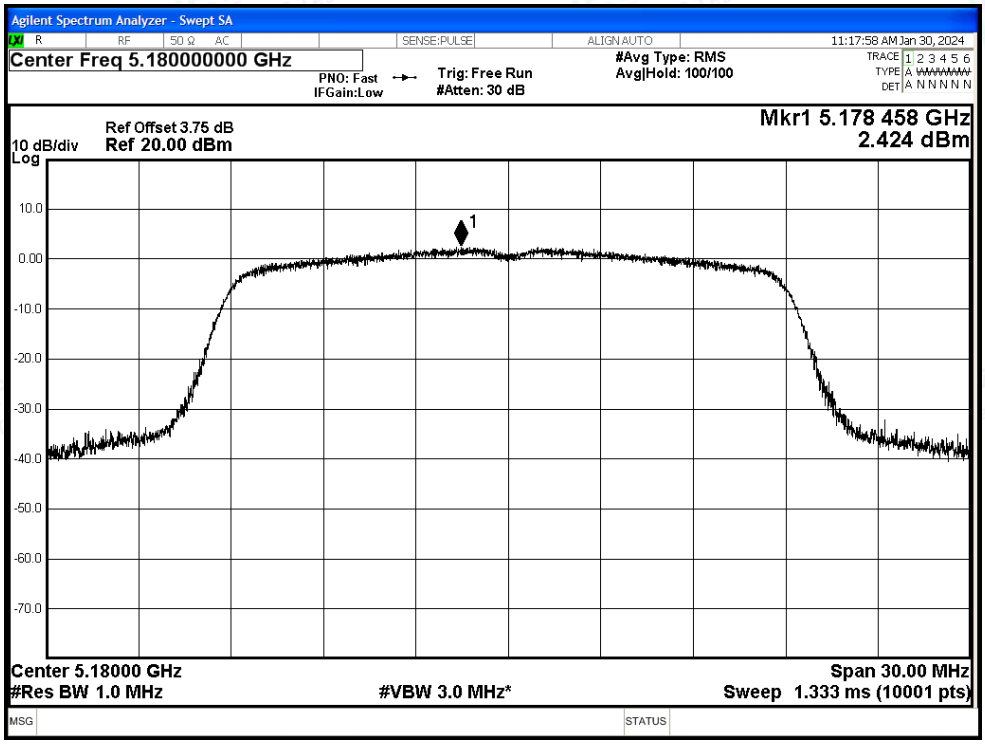
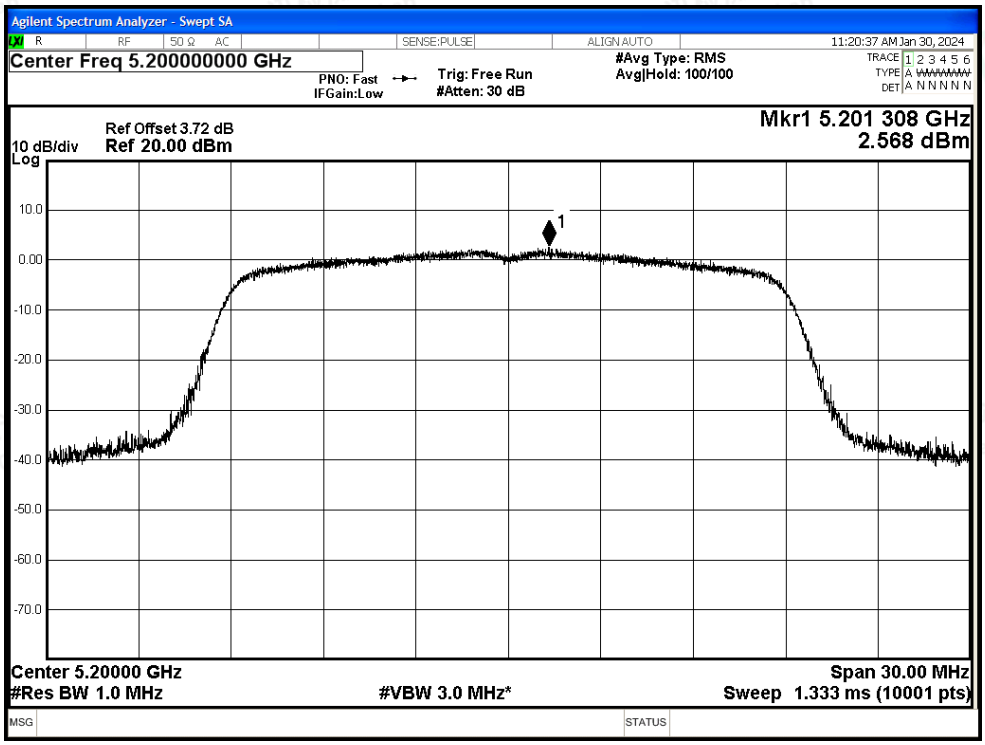
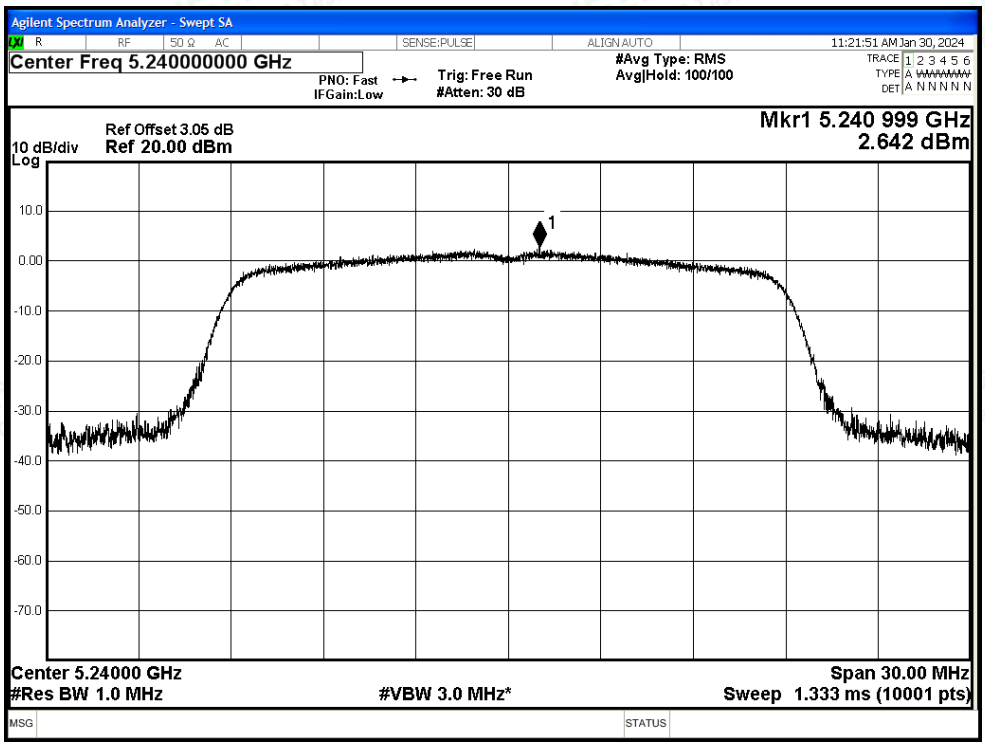


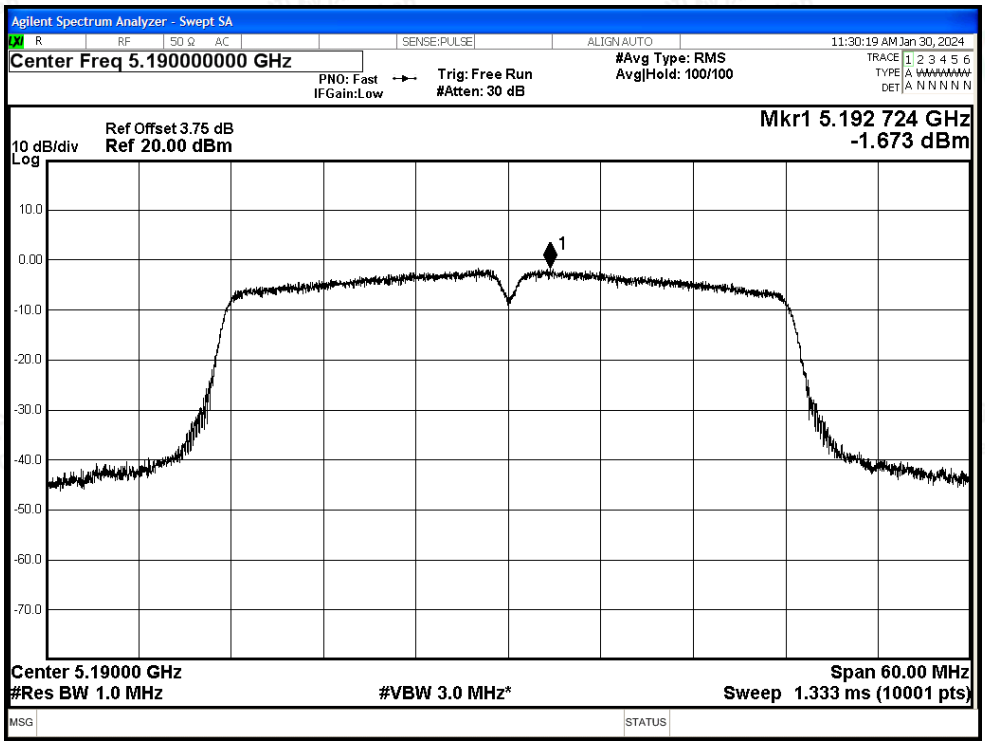
PSD NVNT ac20 5200MHz Ant2



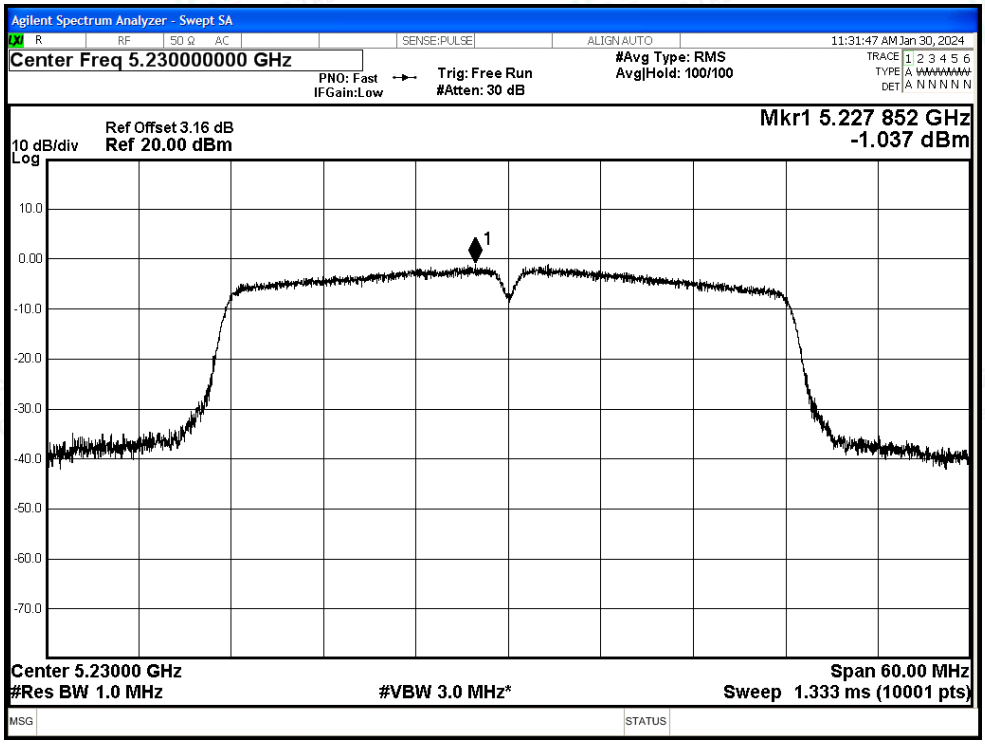
PSD NVNT ac20 5240MHz Ant2



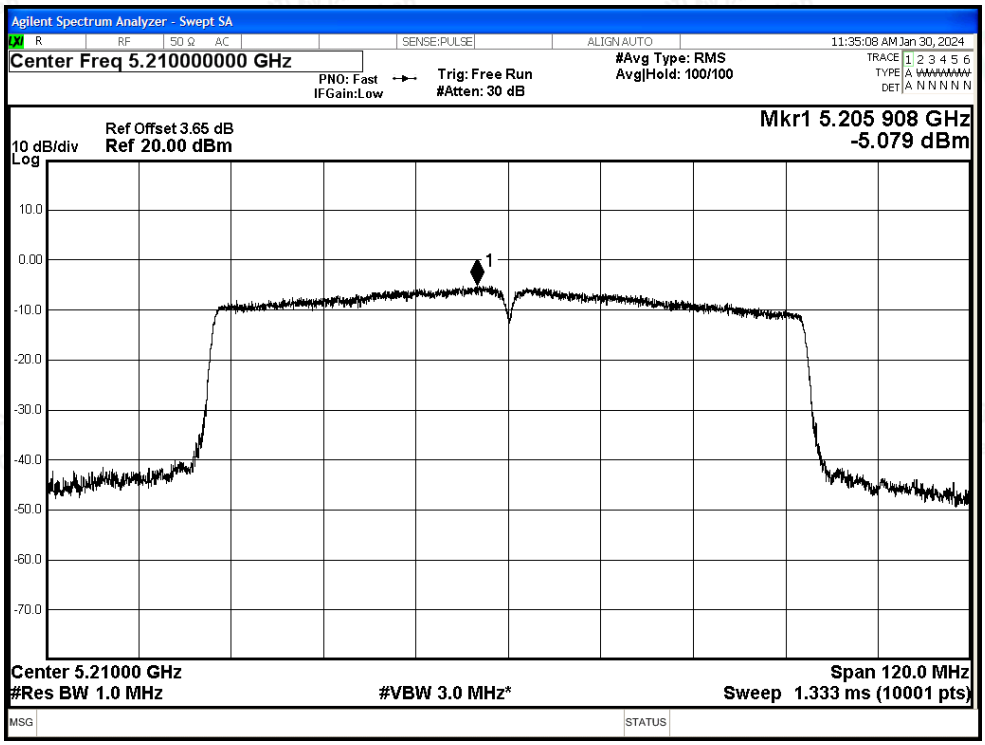
PSD NVNT ac40 5190MHz Ant2



PSD NVNT ac40 5230MHz Ant2



PSD NVNT ac80 5210MHz Ant2



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	-51.31	2.69	-	46.64	Peak	68.2	Pass
NVNT	a	5180	Ant1	4500	-57.7	2.69	0.14	40.25	Average	54	Pass
NVNT	a	5180	Ant1	5147.5	-44.93	2.69	-	53.02	Peak	68.2	Pass
NVNT	a	5180	Ant1	5142.6	-54.93	2.69	0.14	43.02	Average	54	Pass
NVNT	a	5180	Ant1	5150	-46.72	2.69	-	51.23	Peak	68.2	Pass
NVNT	a	5180	Ant1	5150	-54.88	2.69	0.14	43.07	Average	54	Pass
NVNT	a	5240	Ant1	5350	-49.85	2.69	-	48.10	Peak	68.2	Pass
NVNT	a	5240	Ant1	5350	-56.8	2.69	0.14	41.15	Average	54	Pass
NVNT	a	5240	Ant1	5383.44	-46.06	2.69	-	51.89	Peak	68.2	Pass
NVNT	a	5240	Ant1	5350.32	-56.48	2.69	0.14	41.47	Average	54	Pass
NVNT	a	5240	Ant1	5460	-50.72	2.69	-	47.23	Peak	68.2	Pass
NVNT	a	5240	Ant1	5460	-57.79	2.69	0.14	40.16	Average	54	Pass
NVNT	n20	5180	Ant1	4500	-50.62	2.69	-	47.33	Peak	68.2	Pass
NVNT	n20	5180	Ant1	4500	-58.17	2.69	0.15	39.78	Average	54	Pass
NVNT	n20	5180	Ant1	5132.1	-45.26	2.69	-	52.69	Peak	68.2	Pass
NVNT	n20	5180	Ant1	5148.2	-54.51	2.69	0.15	43.44	Average	54	Pass
NVNT	n20	5180	Ant1	5150	-48.61	2.69	-	49.34	Peak	68.2	Pass
NVNT	n20	5180	Ant1	5150	-55.43	2.69	0.15	42.52	Average	54	Pass
NVNT	n20	5240	Ant1	5350	-49.66	2.69	-	48.29	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5350	-57.86	2.69	0.15	40.09	Average	54	Pass
NVNT	n20	5240	Ant1	5406	-46.12	2.69	-	51.83	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5371.2	-56.4	2.69	0.15	41.55	Average	54	Pass
NVNT	n20	5240	Ant1	5460	-50.3	2.69	-	47.65	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5460	-57.86	2.69	0.15	40.09	Average	54	Pass
NVNT	n40	5190	Ant1	4500	-50.29	2.69	-	47.66	Peak	68.2	Pass
NVNT	n40	5190	Ant1	4500	-58.27	2.69	0.28	39.68	Average	54	Pass
NVNT	n40	5190	Ant1	5147.51	-45.55	2.69	-	52.40	Peak	68.2	Pass
NVNT	n40	5190	Ant1	5146.78	-54.71	2.69	0.28	43.24	Average	54	Pass
NVNT	n40	5190	Ant1	5150	-45.98	2.69	-	51.97	Peak	68.2	Pass
NVNT	n40	5190	Ant1	5150	-55.32	2.69	0.28	42.63	Average	54	Pass
NVNT	n40	5230	Ant1	5350	-48.65	2.69	-	49.30	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5350	-57.2	2.69	0.28	40.75	Average	54	Pass
NVNT	n40	5230	Ant1	5416.8	-46.84	2.69	-	51.11	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5409.78	-56.66	2.69	0.28	41.29	Average	54	Pass
NVNT	n40	5230	Ant1	5460	-48.88	2.69	-	49.07	Peak	68.2	Pass

NVNT	n40	5230	Ant1	5460	-57.33	2.69	0.28	40.62	Average	54	Pass
NVNT	ac20	5180	Ant1	4500	-49.6	2.69	-	48.35	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	4500	-58.73	2.69	0.14	39.22	Average	54	Pass
NVNT	ac20	5180	Ant1	5084.5	-44.78	2.69	-	53.17	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	5144	-54.42	2.69	0.14	43.53	Average	54	Pass
NVNT	ac20	5180	Ant1	5150	-46.37	2.69	-	51.58	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	5150	-54.88	2.69	0.14	43.07	Average	54	Pass
NVNT	ac20	5240	Ant1	5350	-49.46	2.69	-	48.49	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5350	-56.87	2.69	0.14	41.08	Average	54	Pass
NVNT	ac20	5240	Ant1	5369.04	-47.13	2.69	-	50.82	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5372.88	-56.52	2.69	0.14	41.43	Average	54	Pass
NVNT	ac20	5240	Ant1	5460	-49.88	2.69	-	48.07	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5460	-57.86	2.69	0.14	40.09	Average	54	Pass
NVNT	ac40	5190	Ant1	4500	-49.86	2.69	-	48.09	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	4500	-58.36	2.69	0.28	39.59	Average	54	Pass
NVNT	ac40	5190	Ant1	5127.8	-45.44	2.69	-	52.51	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	5149.7	-54.1	2.69	0.28	43.85	Average	54	Pass
NVNT	ac40	5190	Ant1	5150	-48.03	2.69	-	49.92	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	5150	-54.1	2.69	0.28	43.85	Average	54	Pass
NVNT	ac40	5230	Ant1	5350	-51.47	2.69	-	46.48	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5350	-57.27	2.69	0.28	40.68	Average	54	Pass
NVNT	ac40	5230	Ant1	5442.72	-46.38	2.69	-	51.57	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5366.58	-56.5	2.69	0.28	41.45	Average	54	Pass
NVNT	ac40	5230	Ant1	5460	-50.24	2.69	-	47.71	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5460	-57.61	2.69	0.28	40.34	Average	54	Pass
NVNT	ac80	5210	Ant1	5350	-49.69	2.69	-	48.26	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5350	-56.56	2.69	0.55	41.39	Average	54	Pass
NVNT	ac80	5210	Ant1	5395.98	-46.48	2.69	-	51.47	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5350.11	-56.56	2.69	0.55	41.39	Average	54	Pass
NVNT	ac80	5210	Ant1	5460	-49.85	2.69	-	48.10	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5460	-57.9	2.69	0.55	40.05	Average	54	Pass
NVNT	ac80	5210	Ant1	4500	-50	2.69	-	47.95	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	4500	-58.7	2.69	0.55	39.25	Average	54	Pass
NVNT	ac80	5210	Ant1	5147.01	-43.56	2.69	-	54.39	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5149.38	-52.86	2.69	0.55	45.09	Average	54	Pass
NVNT	ac80	5210	Ant1	5150	-46.21	2.69	-	51.74	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5150	-53.32	2.69	0.55	44.63	Average	54	Pass

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	Ant2	4500	-50.4	2.69	-	47.55	Peak	68.2	Pass
NVNT	a	5180	Ant2	4500	-58.31	2.69	0.13	39.64	Average	54	Pass
NVNT	a	5180	Ant2	5136.3	-44.86	2.69	-	53.09	Peak	68.2	Pass
NVNT	a	5180	Ant2	5145.4	-55.06	2.69	0.13	42.89	Average	54	Pass
NVNT	a	5180	Ant2	5150	-47.21	2.69	-	50.74	Peak	68.2	Pass
NVNT	a	5180	Ant2	5150	-54.97	2.69	0.13	42.98	Average	54	Pass
NVNT	a	5240	Ant2	5350	-49.1	2.69	-	48.85	Peak	68.2	Pass
NVNT	a	5240	Ant2	5350	-57.05	2.69	0.13	40.90	Average	54	Pass
NVNT	a	5240	Ant2	5386.32	-46.12	2.69	-	51.83	Peak	68.2	Pass
NVNT	a	5240	Ant2	5350.32	-56.59	2.69	0.13	41.36	Average	54	Pass
NVNT	a	5240	Ant2	5460	-51.06	2.69	-	46.89	Peak	68.2	Pass
NVNT	a	5240	Ant2	5460	-57.66	2.69	0.13	40.29	Average	54	Pass
NVNT	n20	5180	Ant2	4500	-49.71	2.69	-	48.24	Peak	68.2	Pass
NVNT	n20	5180	Ant2	4500	-58.05	2.69	0.15	39.90	Average	54	Pass
NVNT	n20	5180	Ant2	5129.3	-45.38	2.69	-	52.57	Peak	68.2	Pass
NVNT	n20	5180	Ant2	5146.8	-54.71	2.69	0.15	43.24	Average	54	Pass
NVNT	n20	5180	Ant2	5150	-47.6	2.69	-	50.35	Peak	68.2	Pass
NVNT	n20	5180	Ant2	5150	-54.93	2.69	0.15	43.02	Average	54	Pass
NVNT	n20	5240	Ant2	5350	-48.28	2.69	-	49.67	Peak	68.2	Pass
NVNT	n20	5240	Ant2	5350	-57.68	2.69	0.15	40.27	Average	54	Pass
NVNT	n20	5240	Ant2	5368.8	-47	2.69	-	50.95	Peak	68.2	Pass
NVNT	n20	5240	Ant2	5363.76	-56.56	2.69	0.15	41.39	Average	54	Pass
NVNT	n20	5240	Ant2	5460	-50.26	2.69	-	47.69	Peak	68.2	Pass
NVNT	n20	5240	Ant2	5460	-57.8	2.69	0.15	40.15	Average	54	Pass
NVNT	n40	5190	Ant2	4500	-49.28	2.69	-	48.67	Peak	68.2	Pass
NVNT	n40	5190	Ant2	4500	-58.4	2.69	0.29	39.55	Average	54	Pass
NVNT	n40	5190	Ant2	5149.7	-45.73	2.69	-	52.22	Peak	68.2	Pass
NVNT	n40	5190	Ant2	5148.97	-54.48	2.69	0.29	43.47	Average	54	Pass
NVNT	n40	5190	Ant2	5150	-45.73	2.69	-	52.22	Peak	68.2	Pass
NVNT	n40	5190	Ant2	5150	-55.55	2.69	0.29	42.40	Average	54	Pass
NVNT	n40	5230	Ant2	5350	-49.05	2.69	-	48.90	Peak	68.2	Pass
NVNT	n40	5230	Ant2	5350	-57.89	2.69	0.29	40.06	Average	54	Pass
NVNT	n40	5230	Ant2	5402.76	-46.41	2.69	-	51.54	Peak	68.2	Pass
NVNT	n40	5230	Ant2	5389.26	-56.88	2.69	0.29	41.07	Average	54	Pass
NVNT	n40	5230	Ant2	5460	-50.48	2.69	-	47.47	Peak	68.2	Pass
NVNT	n40	5230	Ant2	5460	-57.71	2.69	0.29	40.24	Average	54	Pass

NVNT	ac20	5180	Ant2	4500	-50.05	2.69	-	47.90	Peak	68.2	Pass
NVNT	ac20	5180	Ant2	4500	-58.74	2.69	0.14	39.21	Average	54	Pass
NVNT	ac20	5180	Ant2	5094.3	-45.04	2.69	-	52.91	Peak	68.2	Pass
NVNT	ac20	5180	Ant2	5147.5	-54.88	2.69	0.14	43.07	Average	54	Pass
NVNT	ac20	5180	Ant2	5150	-47.53	2.69	-	50.42	Peak	68.2	Pass
NVNT	ac20	5180	Ant2	5150	-55.06	2.69	0.14	42.89	Average	54	Pass
NVNT	ac20	5240	Ant2	5350	-48.27	2.69	-	49.68	Peak	68.2	Pass
NVNT	ac20	5240	Ant2	5350	-57.51	2.69	0.14	40.44	Average	54	Pass
NVNT	ac20	5240	Ant2	5370.48	-46.64	2.69	-	51.31	Peak	68.2	Pass
NVNT	ac20	5240	Ant2	5448	-56.78	2.69	0.14	41.17	Average	54	Pass
NVNT	ac20	5240	Ant2	5460	-49.17	2.69	-	48.78	Peak	68.2	Pass
NVNT	ac20	5240	Ant2	5460	-57.5	2.69	0.14	40.45	Average	54	Pass
NVNT	ac40	5190	Ant2	4500	-50.43	2.69	-	47.52	Peak	68.2	Pass
NVNT	ac40	5190	Ant2	4500	-58.2	2.69	0.28	39.75	Average	54	Pass
NVNT	ac40	5190	Ant2	5127.07	-45.59	2.69	-	52.36	Peak	68.2	Pass
NVNT	ac40	5190	Ant2	5147.51	-54.77	2.69	0.28	43.18	Average	54	Pass
NVNT	ac40	5190	Ant2	5150	-46.35	2.69	-	51.60	Peak	68.2	Pass
NVNT	ac40	5190	Ant2	5150	-55.49	2.69	0.28	42.46	Average	54	Pass
NVNT	ac40	5230	Ant2	5350	-50.33	2.69	-	47.62	Peak	68.2	Pass
NVNT	ac40	5230	Ant2	5350	-57.12	2.69	0.28	40.83	Average	54	Pass
NVNT	ac40	5230	Ant2	5445.69	-46.82	2.69	-	51.13	Peak	68.2	Pass
NVNT	ac40	5230	Ant2	5353.89	-56.62	2.69	0.28	41.33	Average	54	Pass
NVNT	ac40	5230	Ant2	5460	-50.1	2.69	-	47.85	Peak	68.2	Pass
NVNT	ac40	5230	Ant2	5460	-57.91	2.69	0.28	40.04	Average	54	Pass
NVNT	ac80	5210	Ant2	5350	-49.77	2.69	-	48.18	Peak	68.2	Pass
NVNT	ac80	5210	Ant2	5350	-57.02	2.69	0.55	40.93	Average	54	Pass
NVNT	ac80	5210	Ant2	5352.75	-45.79	2.69	-	52.16	Peak	68.2	Pass
NVNT	ac80	5210	Ant2	5402.58	-56.56	2.69	0.55	41.39	Average	54	Pass
NVNT	ac80	5210	Ant2	5460	-51.11	2.69	-	46.84	Peak	68.2	Pass
NVNT	ac80	5210	Ant2	5460	-57.24	2.69	0.55	40.71	Average	54	Pass
NVNT	ac80	5210	Ant2	4500	-49.22	2.69	-	48.73	Peak	68.2	Pass
NVNT	ac80	5210	Ant2	4500	-58.41	2.69	0.55	39.54	Average	54	Pass
NVNT	ac80	5210	Ant2	5144.64	-42.14	2.69	-	55.81	Peak	68.2	Pass
NVNT	ac80	5210	Ant2	5148.59	-53.54	2.69	0.55	44.41	Average	54	Pass
NVNT	ac80	5210	Ant2	5150	-42.67	2.69	-	55.28	Peak	68.2	Pass
NVNT	ac80	5210	Ant2	5150	-53.45	2.69	0.55	44.50	Average	54	Pass

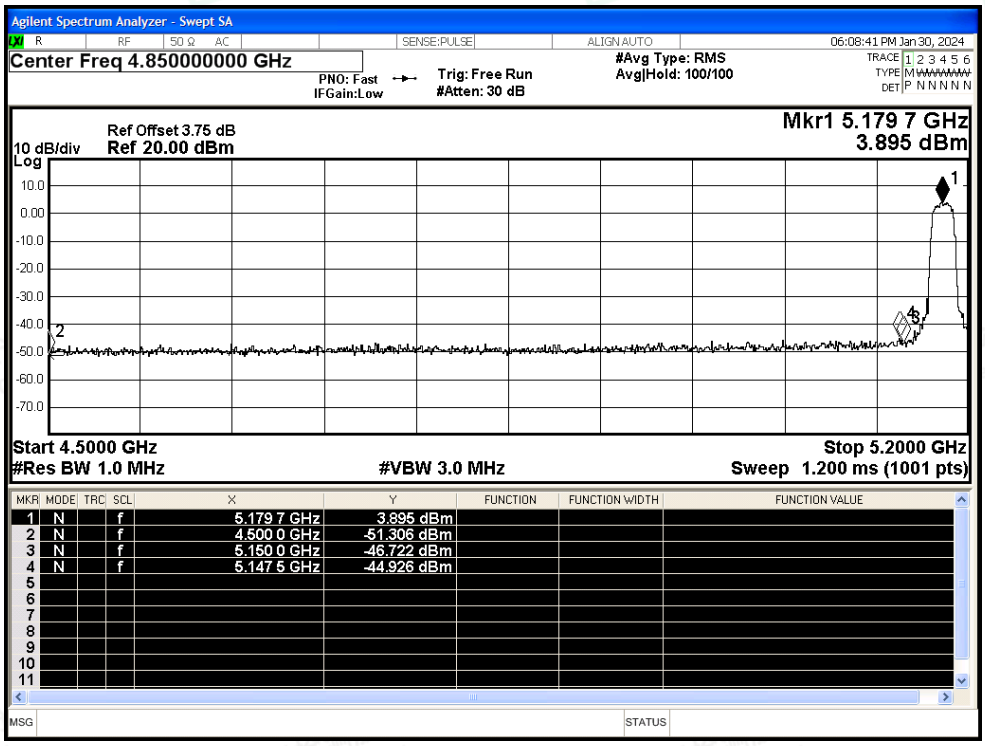
MIMO

Condition	Mode	Frequency (MHz)	ANT1 Power (dBm)	ANT2 Power (dBm)	Gain (dBi)	Total E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	n20	5180	-50.62	-49.71	5.70	53.83	Peak	68.2	Pass
NVNT	n20	5180	-58.17	-58.05	5.70	45.86	Average	54	Pass
NVNT	n20	5180	-45.26	-45.38	5.70	58.65	Peak	68.2	Pass
NVNT	n20	5180	-54.51	-54.71	5.70	49.36	Average	54	Pass
NVNT	n20	5180	-48.61	-47.6	5.70	55.89	Peak	68.2	Pass
NVNT	n20	5180	-55.43	-54.93	5.70	48.80	Average	54	Pass
NVNT	n20	5240	-49.66	-48.28	5.70	55.05	Peak	68.2	Pass
NVNT	n20	5240	-57.86	-57.68	5.70	46.20	Average	54	Pass
NVNT	n20	5240	-46.12	-47	5.70	57.43	Peak	68.2	Pass
NVNT	n20	5240	-56.4	-56.56	5.70	47.49	Average	54	Pass
NVNT	n20	5240	-50.3	-50.26	5.70	53.69	Peak	68.2	Pass
NVNT	n20	5240	-57.86	-57.8	5.70	46.14	Average	54	Pass
NVNT	n40	5190	-50.29	-49.28	5.70	54.21	Peak	68.2	Pass
NVNT	n40	5190	-58.27	-58.4	5.70	45.63	Average	54	Pass
NVNT	n40	5190	-45.55	-45.73	5.70	58.33	Peak	68.2	Pass
NVNT	n40	5190	-54.71	-54.48	5.70	49.37	Average	54	Pass
NVNT	n40	5190	-45.98	-45.73	5.70	58.11	Peak	68.2	Pass
NVNT	n40	5190	-55.32	-55.55	5.70	48.53	Average	54	Pass
NVNT	n40	5230	-48.65	-49.05	5.70	55.12	Peak	68.2	Pass
NVNT	n40	5230	-57.2	-57.89	5.70	46.44	Average	54	Pass
NVNT	n40	5230	-46.84	-46.41	5.70	57.35	Peak	68.2	Pass
NVNT	n40	5230	-56.66	-56.88	5.70	47.20	Average	54	Pass
NVNT	n40	5230	-48.88	-50.48	5.70	54.36	Peak	68.2	Pass
NVNT	n40	5230	-57.33	-57.71	5.70	46.45	Average	54	Pass
NVNT	ac20	5180	-49.6	-50.05	5.70	54.15	Peak	68.2	Pass
NVNT	ac20	5180	-58.73	-58.74	5.70	45.23	Average	54	Pass
NVNT	ac20	5180	-44.78	-45.04	5.70	59.06	Peak	68.2	Pass
NVNT	ac20	5180	-54.42	-54.88	5.70	49.32	Average	54	Pass
NVNT	ac20	5180	-46.37	-47.53	5.70	57.06	Peak	68.2	Pass
NVNT	ac20	5180	-54.88	-55.06	5.70	49.00	Average	54	Pass
NVNT	ac20	5240	-49.46	-48.27	5.70	55.14	Peak	68.2	Pass
NVNT	ac20	5240	-56.87	-57.51	5.70	46.79	Average	54	Pass
NVNT	ac20	5240	-47.13	-46.64	5.70	57.09	Peak	68.2	Pass
NVNT	ac20	5240	-56.52	-56.78	5.70	47.32	Average	54	Pass
NVNT	ac20	5240	-49.88	-49.17	5.70	54.46	Peak	68.2	Pass

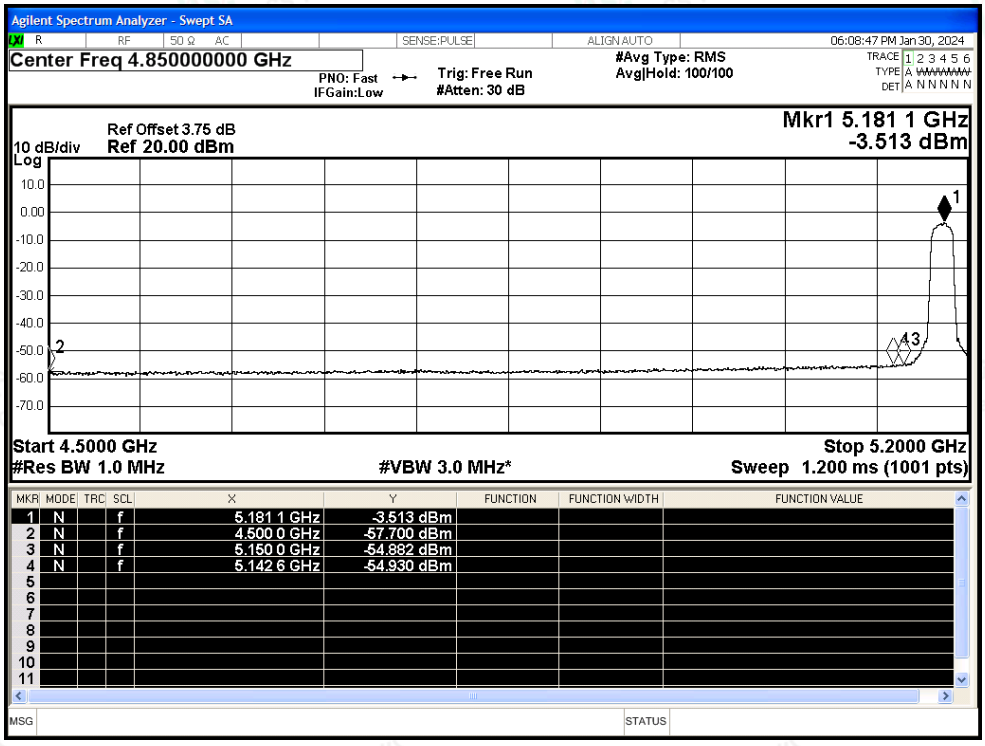
NVNT	ac20	5240	-57.86	-57.5	5.70	46.29	Average	54	Pass
NVNT	ac40	5190	-49.86	-50.43	5.70	53.83	Peak	68.2	Pass
NVNT	ac40	5190	-58.36	-58.2	5.70	45.69	Average	54	Pass
NVNT	ac40	5190	-45.44	-45.59	5.70	58.45	Peak	68.2	Pass
NVNT	ac40	5190	-54.1	-54.77	5.70	49.55	Average	54	Pass
NVNT	ac40	5190	-48.03	-46.35	5.70	56.86	Peak	68.2	Pass
NVNT	ac40	5190	-54.1	-55.49	5.70	49.23	Average	54	Pass
NVNT	ac40	5230	-51.47	-50.33	5.70	53.11	Peak	68.2	Pass
NVNT	ac40	5230	-57.27	-57.12	5.70	46.77	Average	54	Pass
NVNT	ac40	5230	-46.38	-46.82	5.70	57.37	Peak	68.2	Pass
NVNT	ac40	5230	-56.5	-56.62	5.70	47.41	Average	54	Pass
NVNT	ac40	5230	-50.24	-50.1	5.70	53.80	Peak	68.2	Pass
NVNT	ac40	5230	-57.61	-57.91	5.70	46.21	Average	54	Pass
NVNT	ac80	5210	-49.69	-49.77	5.70	54.24	Peak	68.2	Pass
NVNT	ac80	5210	-56.56	-57.02	5.70	47.18	Average	54	Pass
NVNT	ac80	5210	-46.48	-45.79	5.70	57.85	Peak	68.2	Pass
NVNT	ac80	5210	-56.56	-56.56	5.70	47.41	Average	54	Pass
NVNT	ac80	5210	-49.85	-51.11	5.70	53.53	Peak	68.2	Pass
NVNT	ac80	5210	-57.9	-57.24	5.70	46.41	Average	54	Pass
NVNT	ac80	5210	-50	-49.22	5.70	54.38	Peak	68.2	Pass
NVNT	ac80	5210	-58.7	-58.41	5.70	45.42	Average	54	Pass
NVNT	ac80	5210	-43.56	-42.14	5.70	61.18	Peak	68.2	Pass
NVNT	ac80	5210	-52.86	-53.54	5.70	50.78	Average	54	Pass
NVNT	ac80	5210	-46.21	-42.67	5.70	59.88	Peak	68.2	Pass
NVNT	ac80	5210	-53.32	-53.45	5.70	50.58	Average	54	Pass

Test Graphs

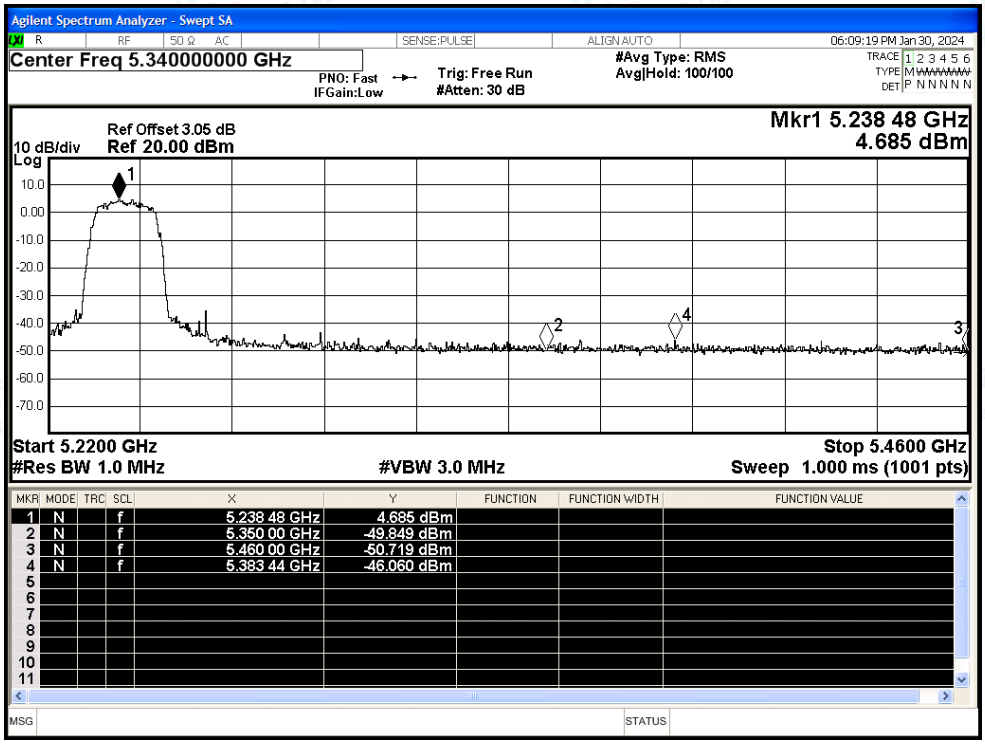
Restrict Band NVNT a 5180MHz Ant1 Peak



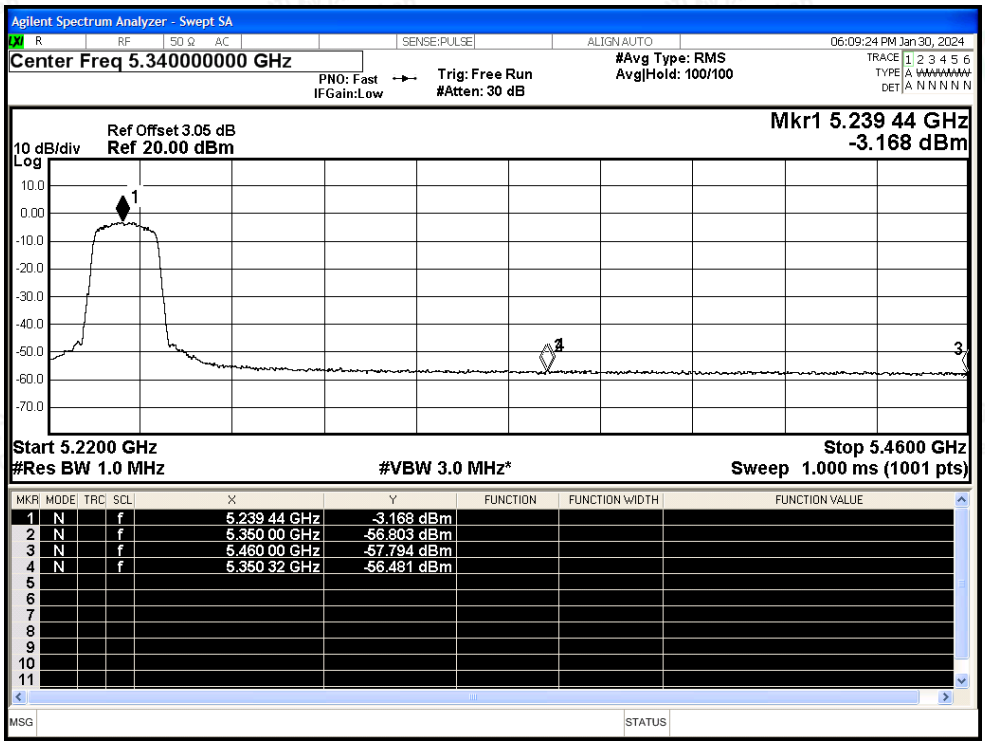
Restrict Band NVNT a 5180MHz Ant1 Average



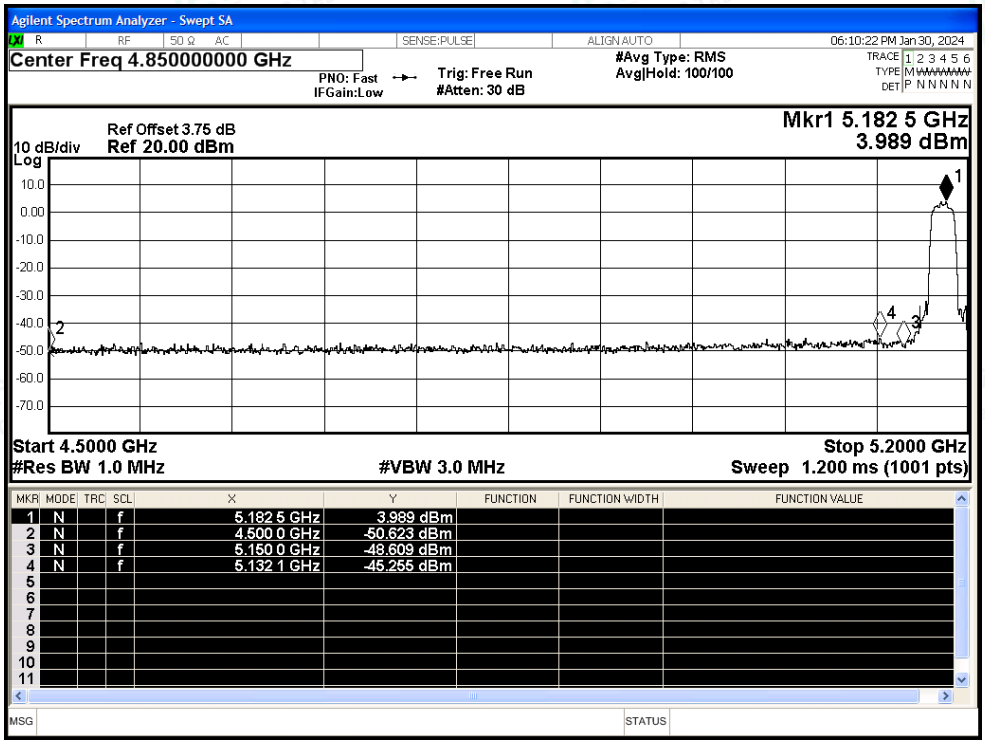
Restrict Band NVNT a 5240MHz Ant1 Peak



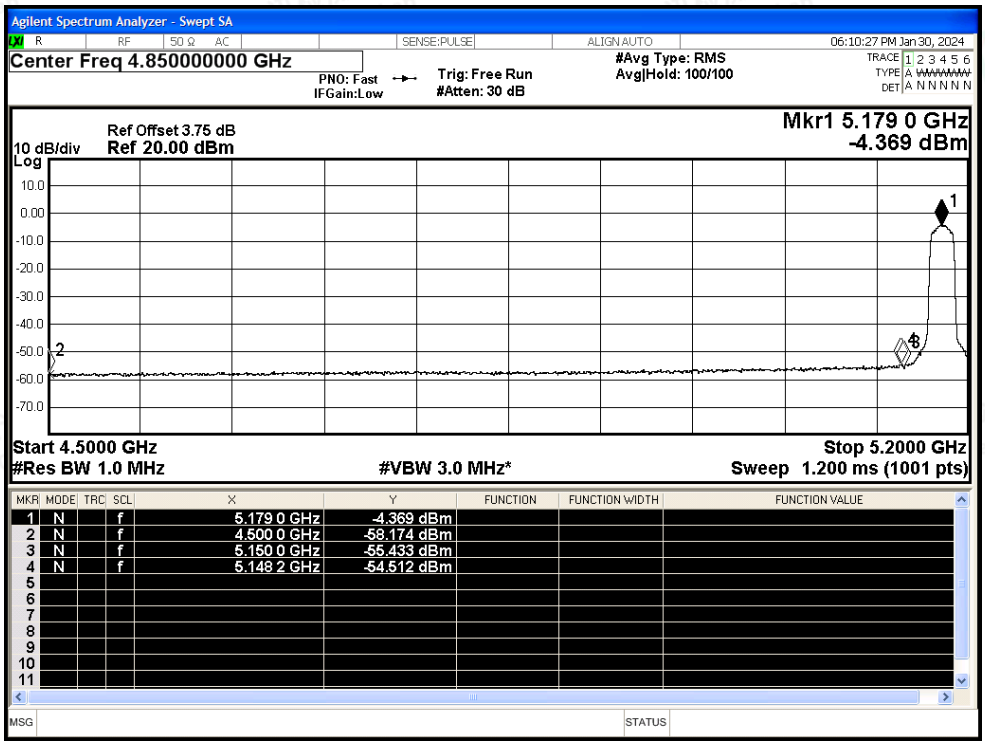
Restrict Band NVNT a 5240MHz Ant1 Average



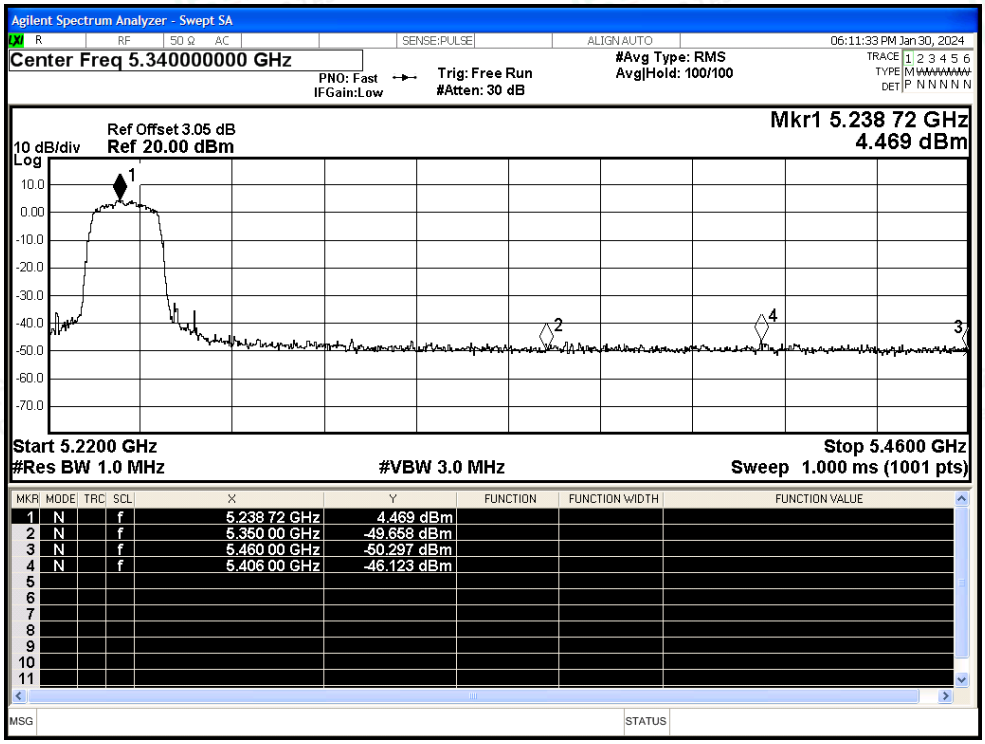
Restrict Band NVNT n20 5180MHz Ant1 Peak



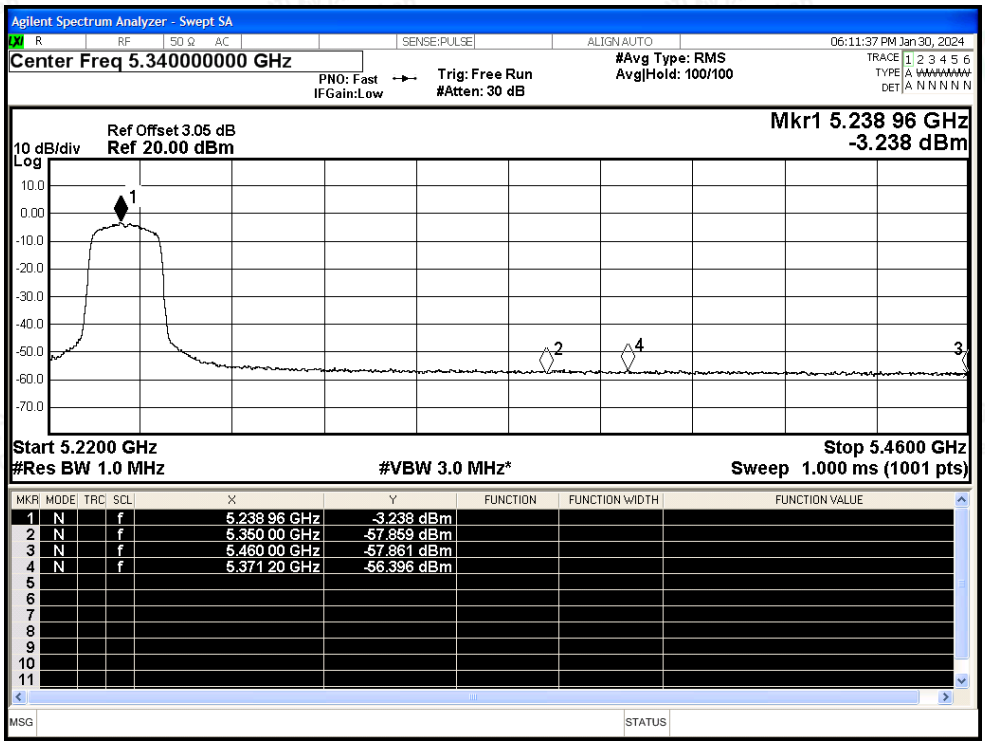
Restrict Band NVNT n20 5180MHz Ant1 Average



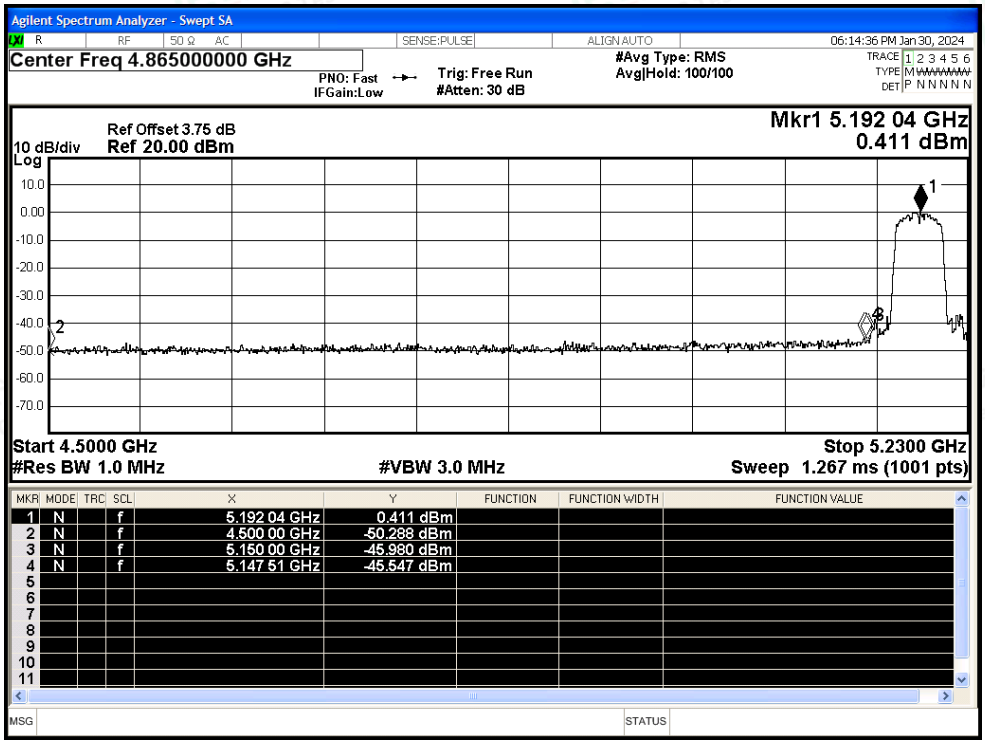
Restrict Band NVNT n20 5240MHz Ant1 Peak



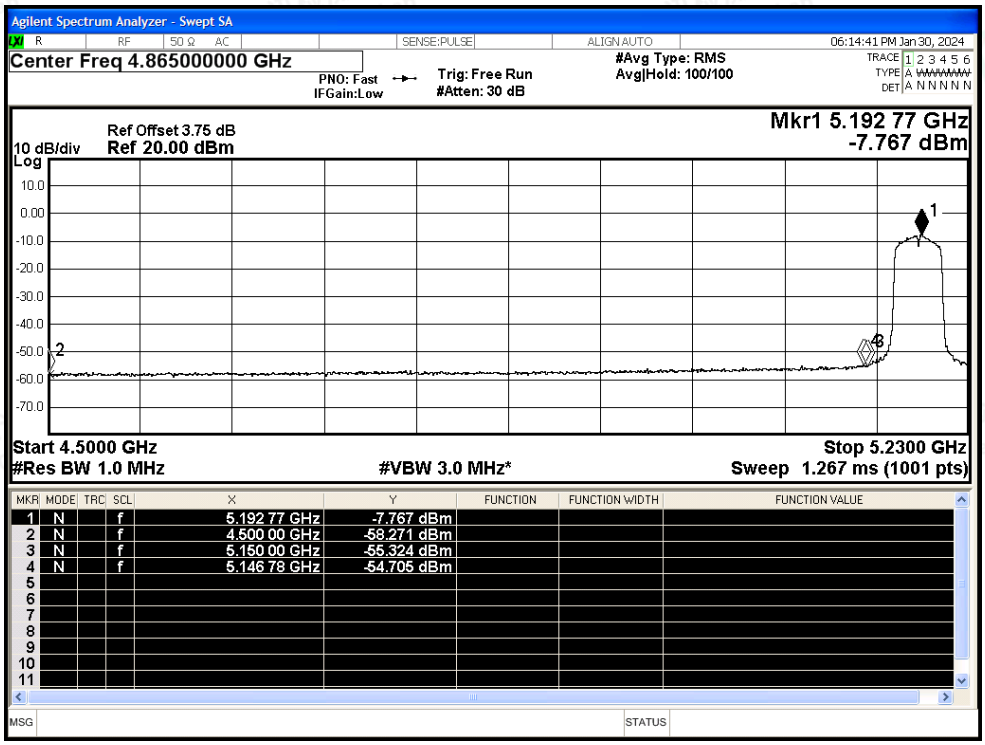
Restrict Band NVNT n20 5240MHz Ant1 Average



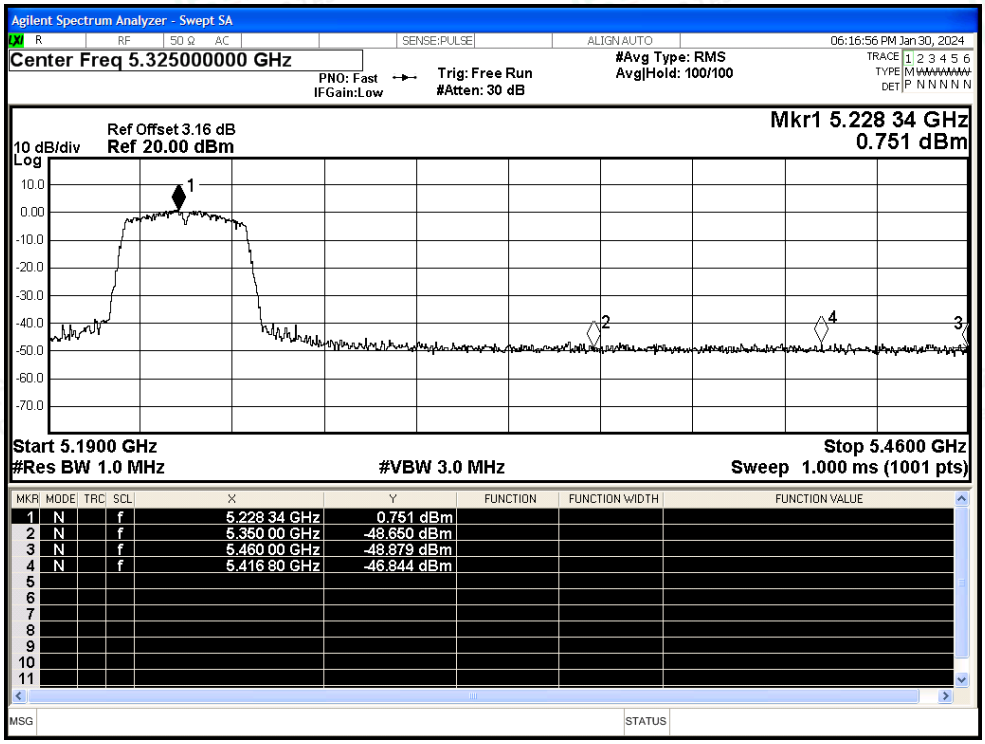
Restrict Band NVNT n40 5190MHz Ant1 Peak



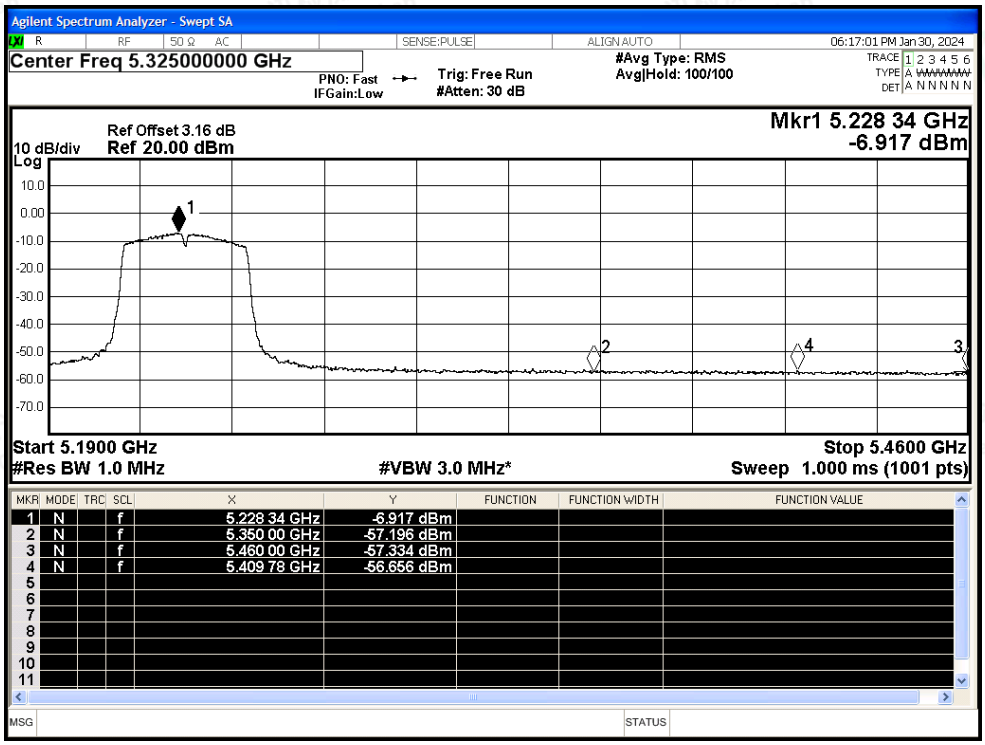
Restrict Band NVNT n40 5190MHz Ant1 Average



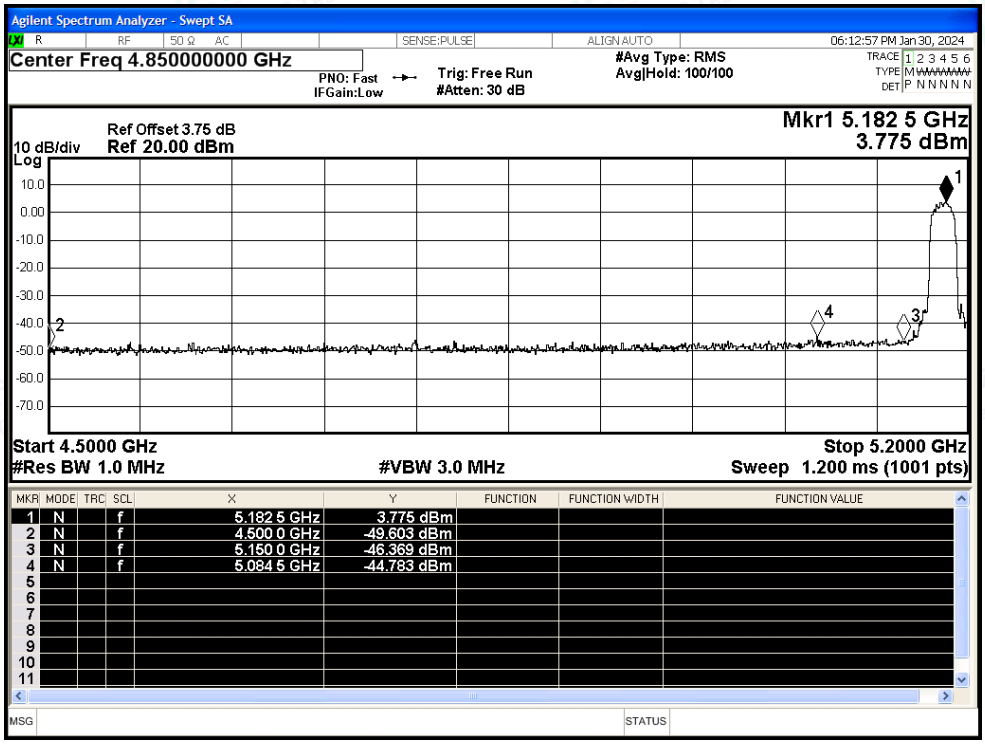
Restrict Band NVNT n40 5230MHz Ant1 Peak



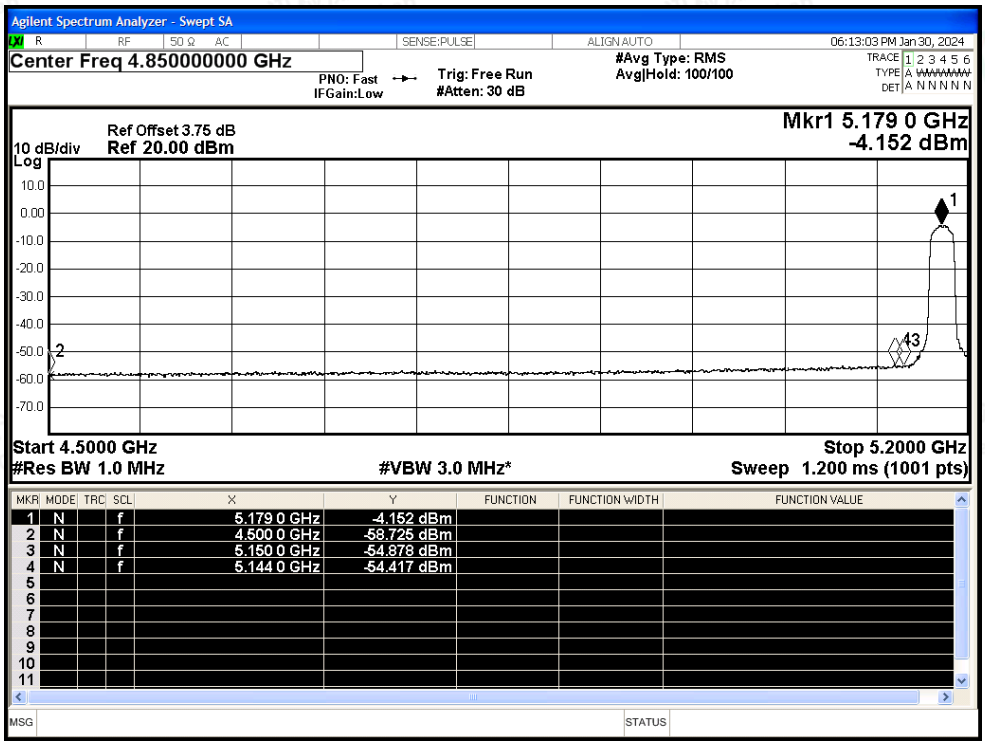
Restrict Band NVNT n40 5230MHz Ant1 Average



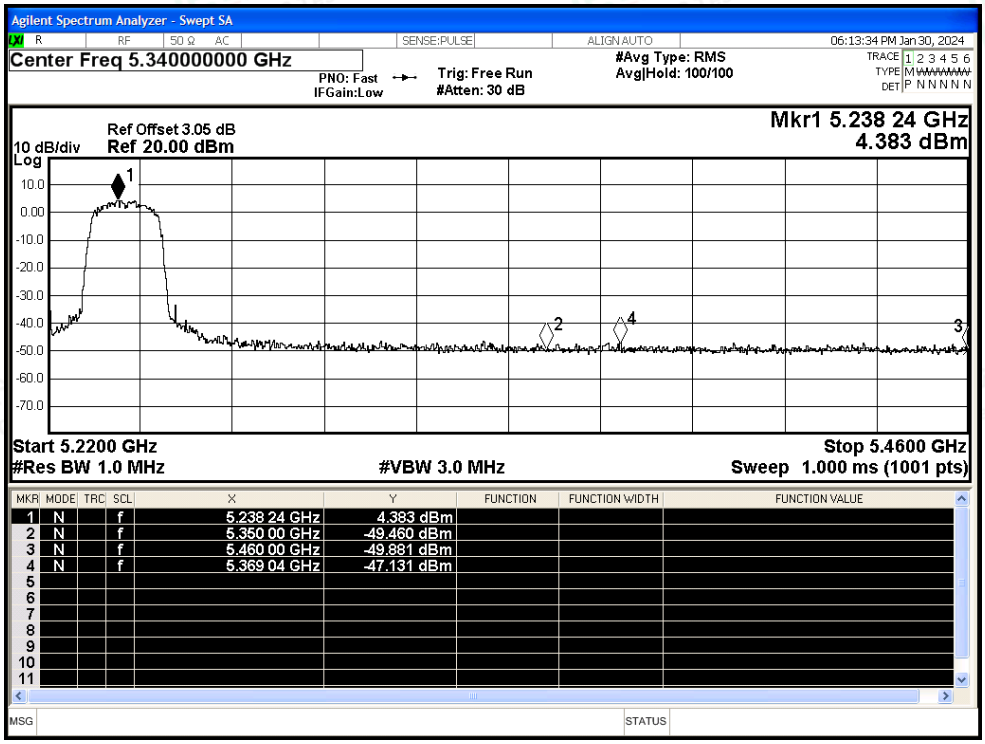
Restrict Band NVNT ac20 5180MHz Ant1 Peak



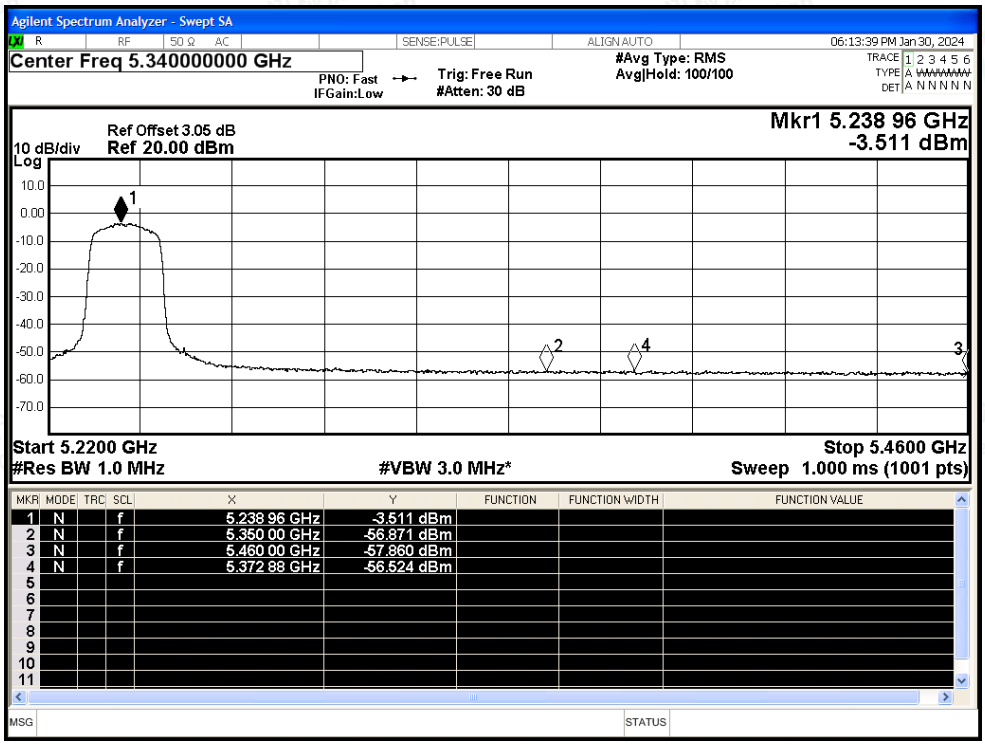
Restrict Band NVNT ac20 5180MHz Ant1 Average



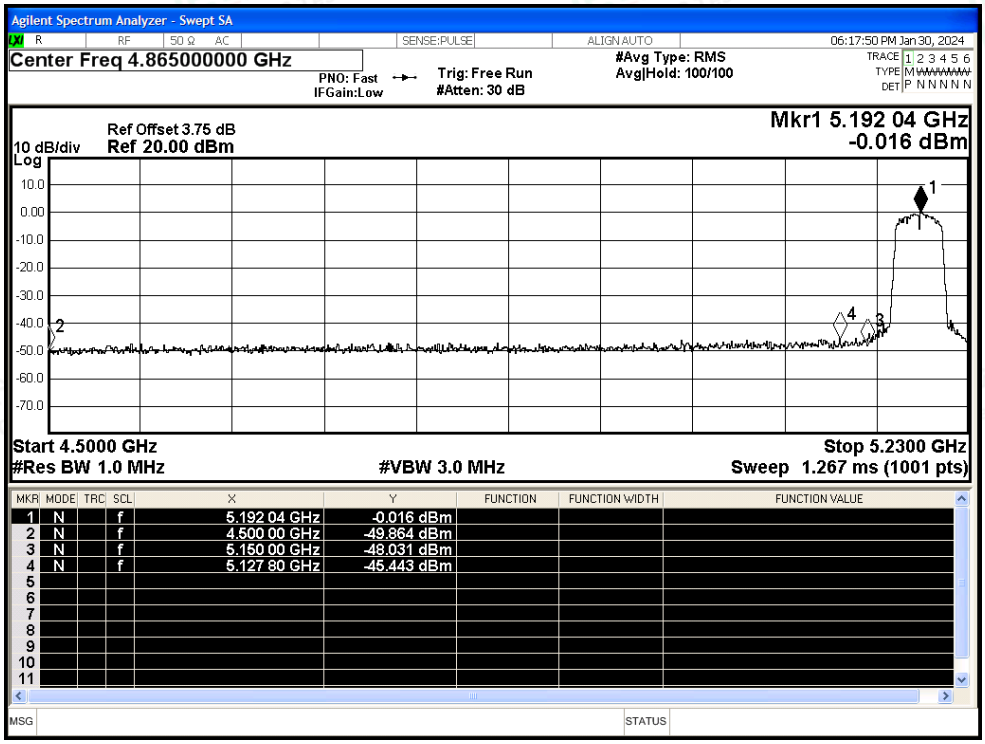
Restrict Band NVNT ac20 5240MHz Ant1 Peak



Restrict Band NVNT ac20 5240MHz Ant1 Average



Restrict Band NVNT ac40 5190MHz Ant1 Peak



Restrict Band NVNT ac40 5190MHz Ant1 Average