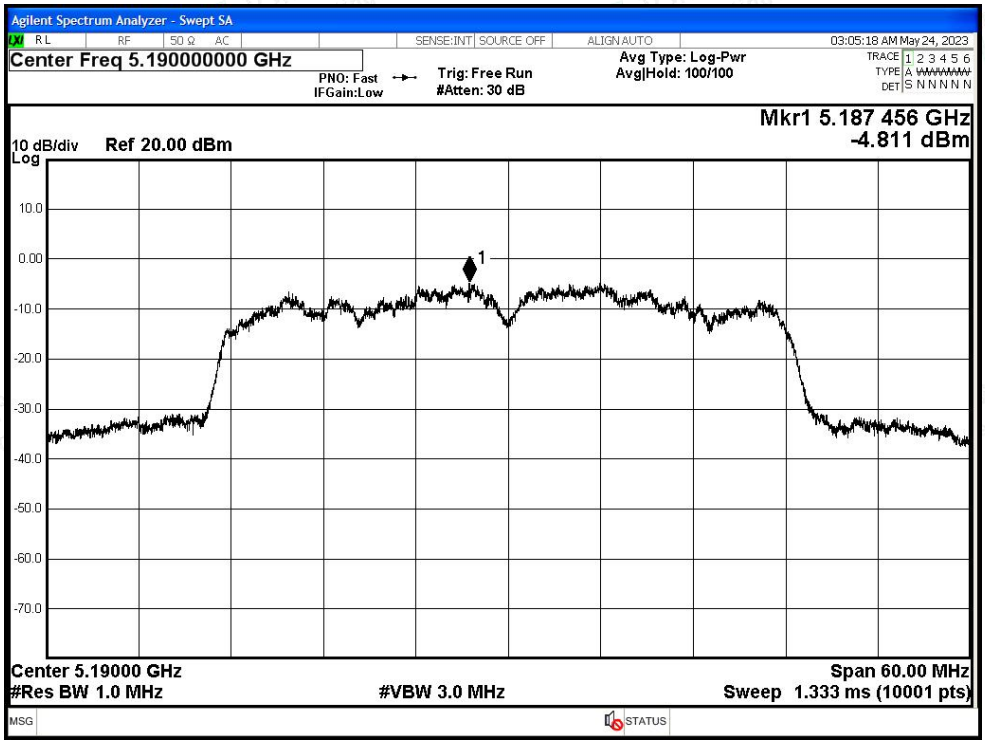
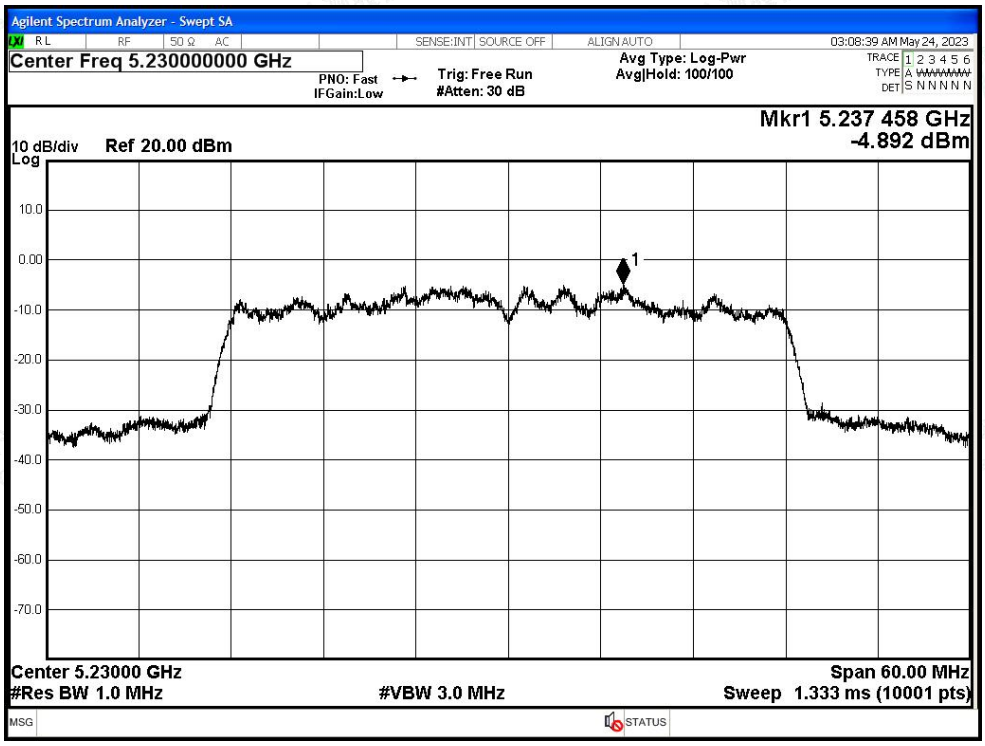
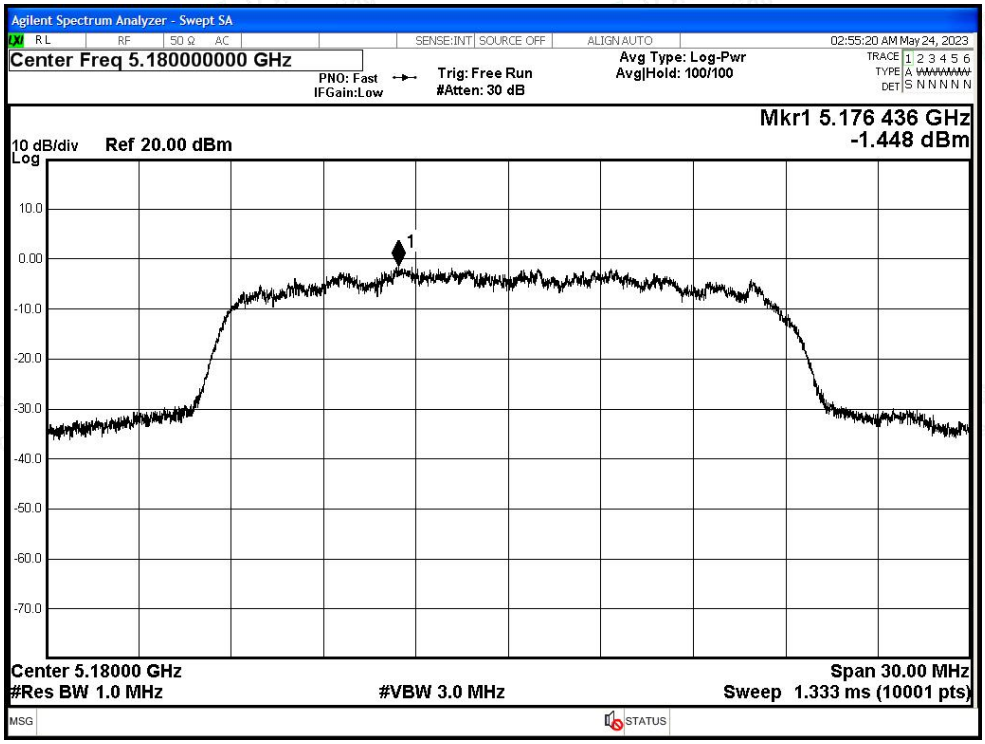
PSD NVNT n40 5190MHz Ant1



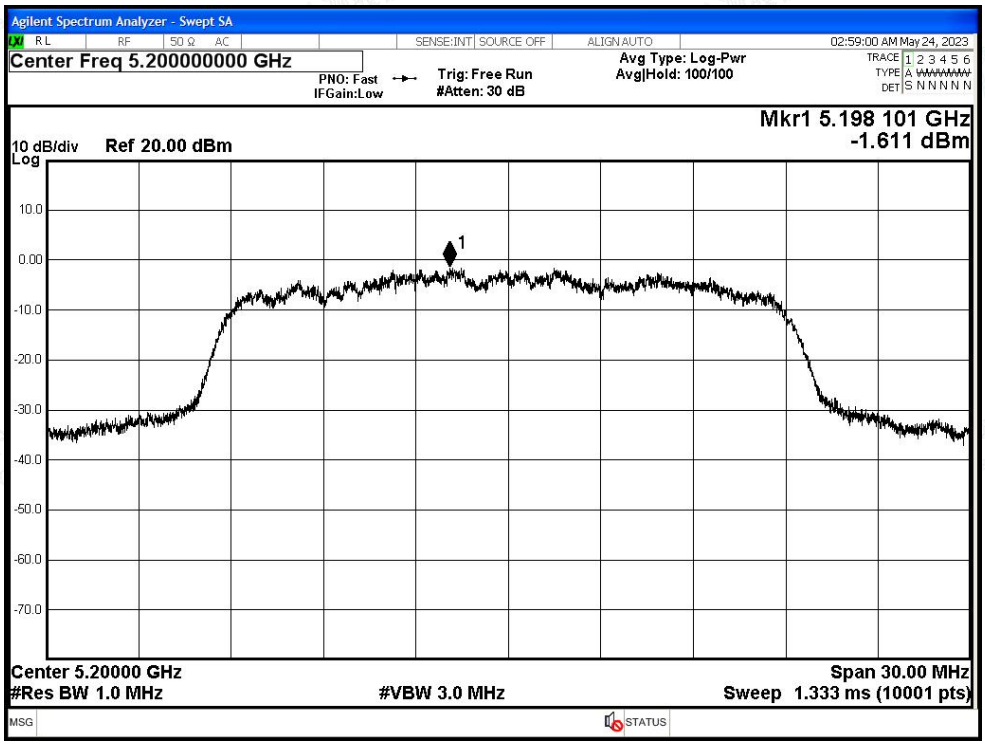
PSD NVNT n40 5230MHz Ant1



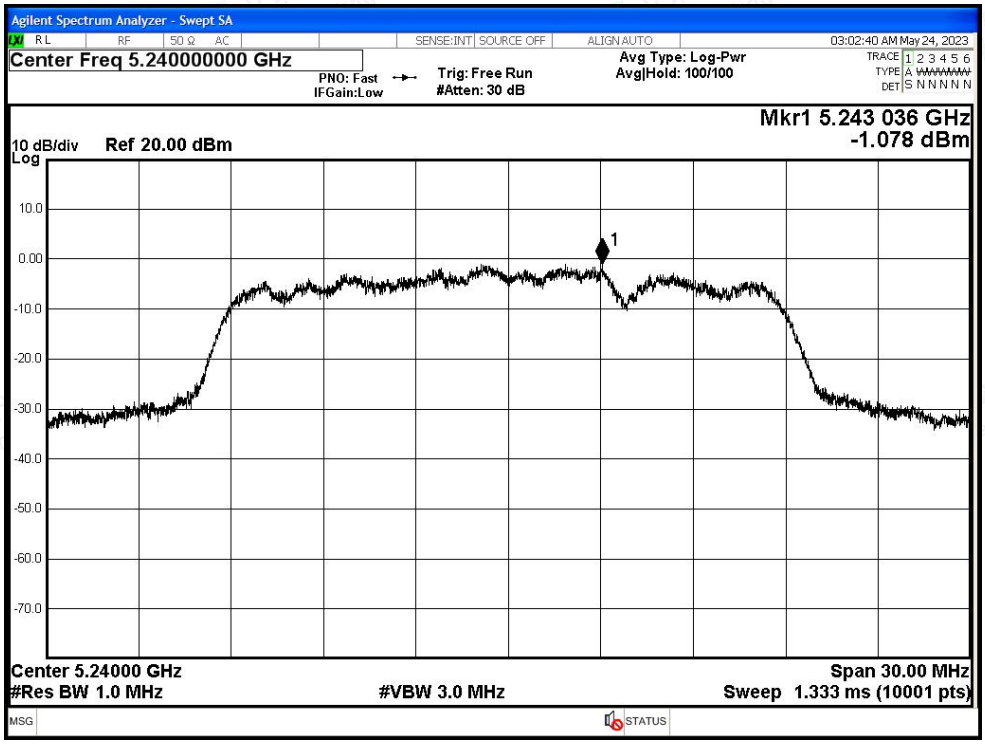
PSD NVNT ac20 5180MHz Ant1



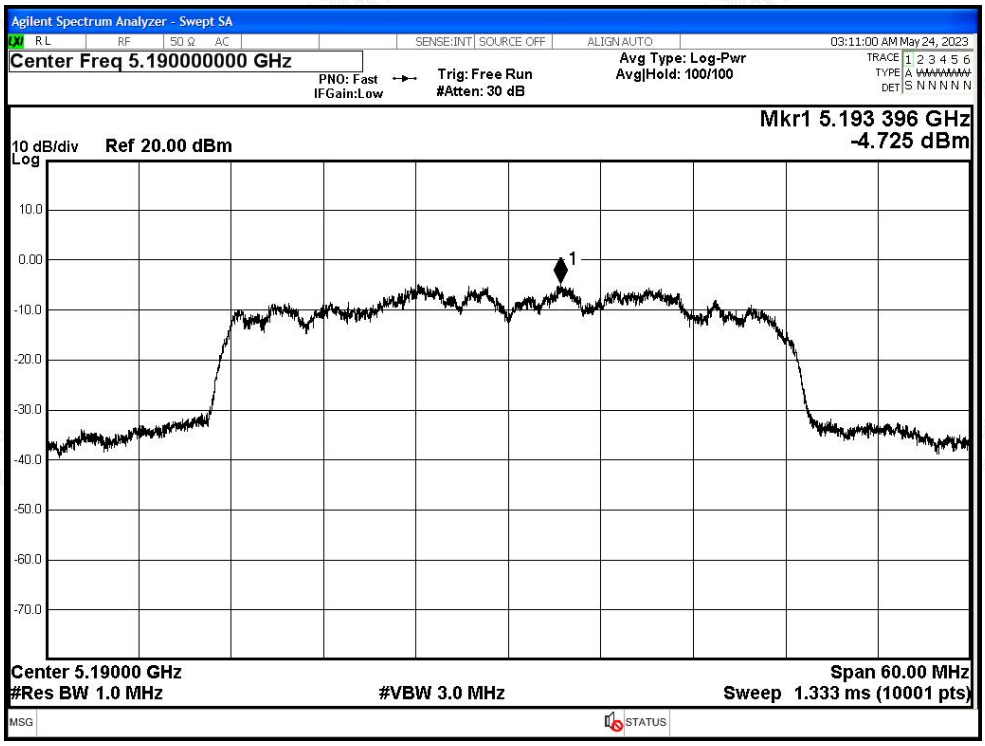
PSD NVNT ac20 5200MHz Ant1



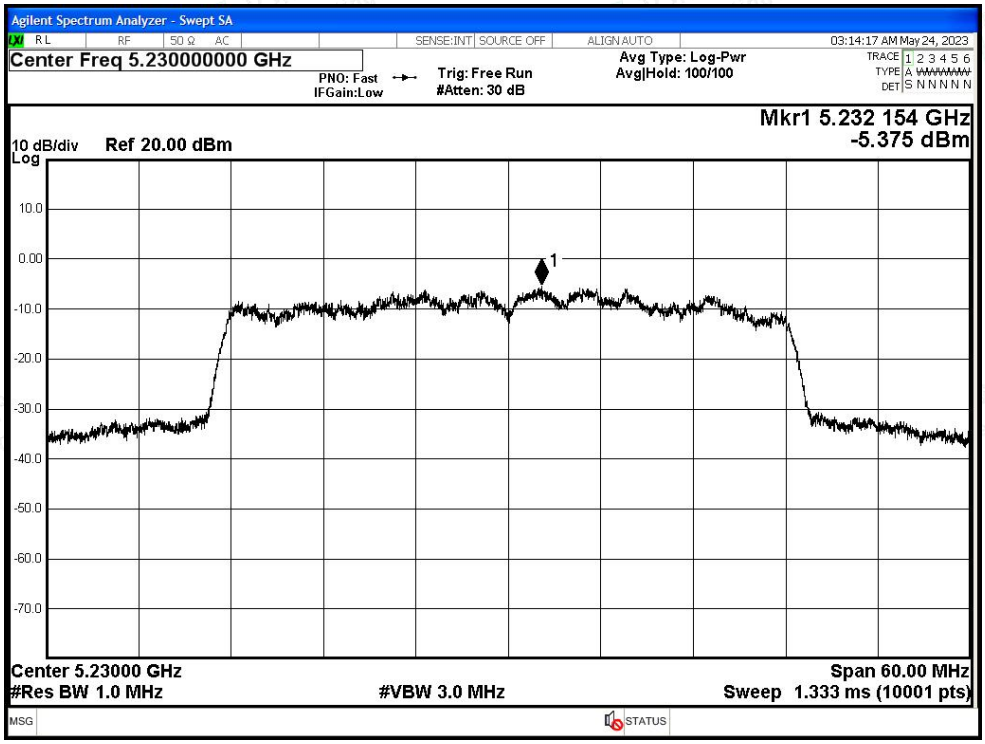
PSD NVNT ac20 5240MHz Ant1



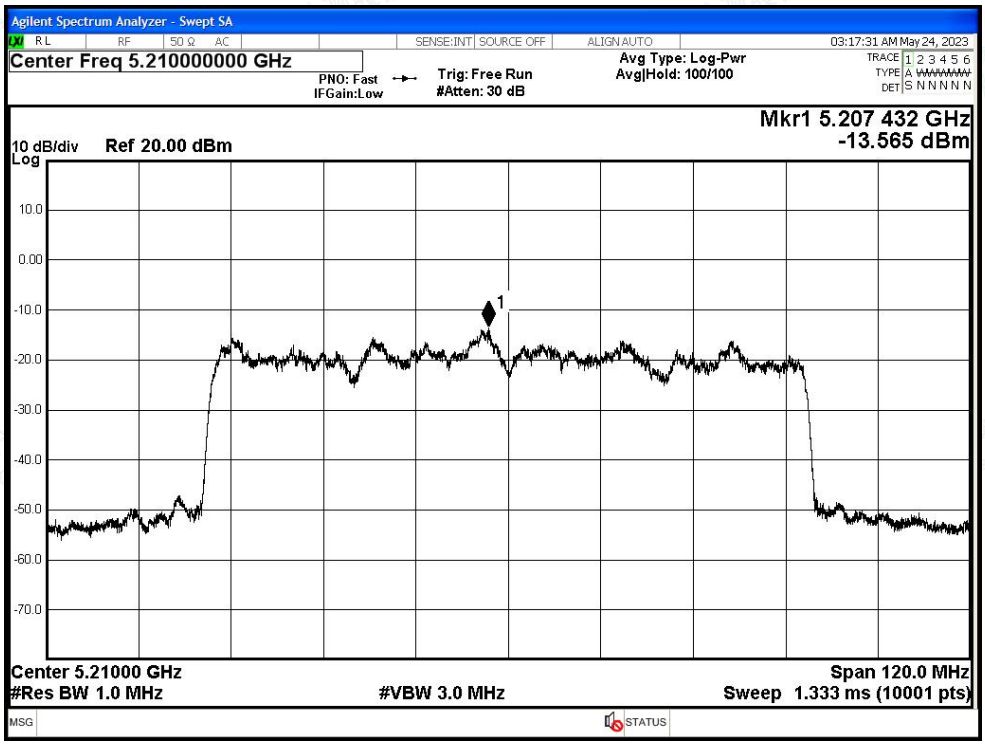
PSD NVNT ac40 5190MHz Ant1



PSD NVNT ac40 5230MHz Ant1



PSD NVNT ac80 5210MHz Ant1



D.4 Restrict Band

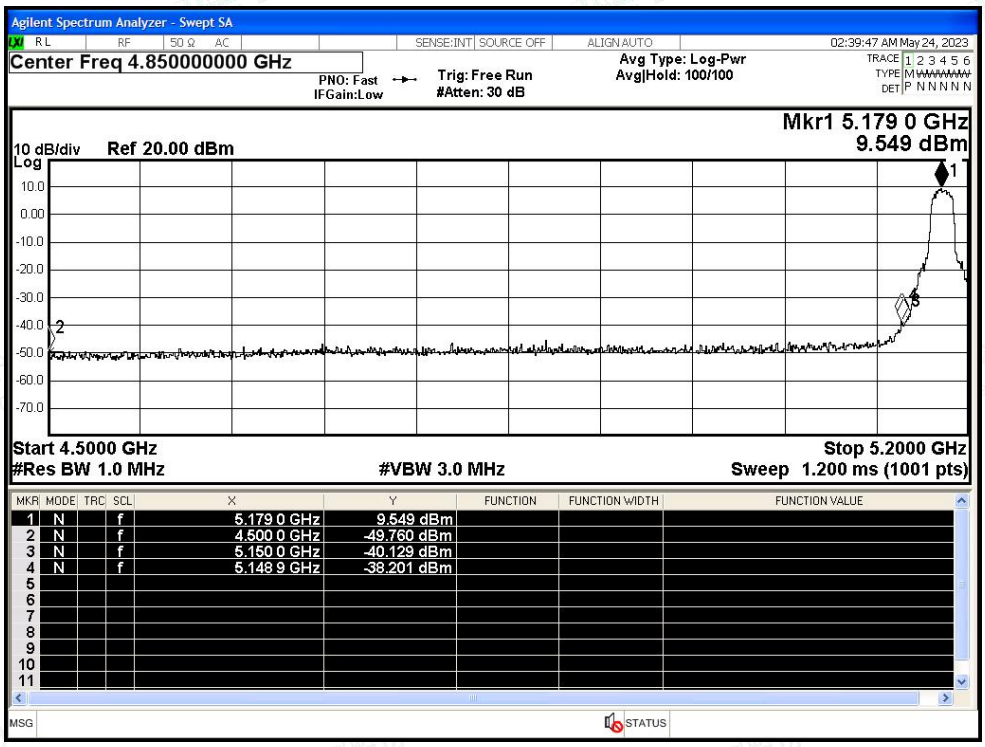
Condition	Mode	Frequency (MHz)	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5180	4500	-49.76	2	47.47	Peak	68.2	Pass
NVNT	a	5180	4500	-60.83	2	36.4	Average	54	Pass
NVNT	a	5180	5148.9	-38.2	2	59.03	Peak	68.2	Pass
NVNT	a	5180	5149.6	-53.17	2	44.06	Average	54	Pass
NVNT	a	5180	5150	-40.13	2	57.1	Peak	68.2	Pass
NVNT	a	5180	5150	-52.69	2	44.54	Average	54	Pass
NVNT	a	5240	5350	-49.71	2	47.52	Peak	68.2	Pass
NVNT	a	5240	5350	-58.31	2	38.92	Average	54	Pass
NVNT	a	5240	5411.76	-45.82	2	51.41	Peak	68.2	Pass
NVNT	a	5240	5359.92	-58.23	2	39	Average	54	Pass
NVNT	a	5240	5460	-50.36	2	46.87	Peak	68.2	Pass
NVNT	a	5240	5460	-59.65	2	37.58	Average	54	Pass
NVNT	n20mimo	5180	4500	-51.61	3.95	47.57	Peak	68.2	Pass
NVNT	n20mimo	5180	4500	-60.81	3.95	38.37	Average	54	Pass
NVNT	n20mimo	5180	5146.1	-38.43	3.95	60.75	Peak	68.2	Pass
NVNT	n20mimo	5180	5149.6	-52.44	3.95	46.74	Average	54	Pass
NVNT	n20mimo	5180	5150	-38.17	3.95	61.01	Peak	68.2	Pass
NVNT	n20mimo	5180	5150	-52.02	3.95	47.16	Average	54	Pass
NVNT	n20mimo	5240	5350	-49.05	3.95	50.13	Peak	68.2	Pass
NVNT	n20mimo	5240	5350	-58.3	3.95	40.88	Average	54	Pass
NVNT	n20mimo	5240	5384.88	-47.41	3.95	51.77	Peak	68.2	Pass
NVNT	n20mimo	5240	5353.2	-58.17	3.95	41.01	Average	54	Pass
NVNT	n20mimo	5240	5460	-50.5	3.95	48.68	Peak	68.2	Pass
NVNT	n20mimo	5240	5460	-59.56	3.95	39.62	Average	54	Pass
NVNT	n40mimo	5190	4500	-50.47	3.95	48.71	Peak	68.2	Pass
NVNT	n40mimo	5190	4500	-60.61	3.95	38.57	Average	54	Pass
NVNT	n40mimo	5190	5145.32	-40.02	3.95	59.16	Peak	68.2	Pass
NVNT	n40mimo	5190	5149.7	-54.26	3.95	44.92	Average	54	Pass
NVNT	n40mimo	5190	5150	-43.8	3.95	55.38	Peak	68.2	Pass
NVNT	n40mimo	5190	5150	-54.26	3.95	44.92	Average	54	Pass
NVNT	n40mimo	5230	5350	-48.61	3.95	50.57	Peak	68.2	Pass
NVNT	n40mimo	5230	5350	-57.74	3.95	41.44	Average	54	Pass
NVNT	n40mimo	5230	5353.35	-46.12	3.95	53.06	Peak	68.2	Pass
NVNT	n40mimo	5230	5350.11	-57.74	3.95	41.44	Average	54	Pass
NVNT	n40mimo	5230	5460	-49.03	3.95	50.15	Peak	68.2	Pass
NVNT	n40mimo	5230	5460	-59.2	3.95	39.98	Average	54	Pass
NVNT	ac20mimo	5180	4500	-51.99	3.95	47.19	Peak	68.2	Pass

NVNT	ac20mimo	5180	4500	-60.95	3.95	38.23	Average	54	Pass
NVNT	ac20mimo	5180	5146.1	-37.6	3.95	61.58	Peak	68.2	Pass
NVNT	ac20mimo	5180	5149.6	-52.61	3.95	46.57	Average	54	Pass
NVNT	ac20mimo	5180	5150	-40.5	3.95	58.68	Peak	68.2	Pass
NVNT	ac20mimo	5180	5150	-52.11	3.95	47.07	Average	54	Pass
NVNT	ac20mimo	5240	5350	-49.02	3.95	50.16	Peak	68.2	Pass
NVNT	ac20mimo	5240	5350	-58.31	3.95	40.87	Average	54	Pass
NVNT	ac20mimo	5240	5365.92	-47.12	3.95	52.06	Peak	68.2	Pass
NVNT	ac20mimo	5240	5359.92	-58.1	3.95	41.08	Average	54	Pass
NVNT	ac20mimo	5240	5460	-50.25	3.95	48.93	Peak	68.2	Pass
NVNT	ac20mimo	5240	5460	-59.53	3.95	39.65	Average	54	Pass
NVNT	ac40mimo	5190	4500	-52.16	3.95	47.02	Peak	68.2	Pass
NVNT	ac40mimo	5190	4500	-60.68	3.95	38.5	Average	54	Pass
NVNT	ac40mimo	5190	5149.7	-41.35	3.95	57.83	Peak	68.2	Pass
NVNT	ac40mimo	5190	5149.7	-54.25	3.95	44.93	Average	54	Pass
NVNT	ac40mimo	5190	5150	-41.35	3.95	57.83	Peak	68.2	Pass
NVNT	ac40mimo	5190	5150	-54.25	3.95	44.93	Average	54	Pass
NVNT	ac40mimo	5230	5350	-48.5	3.95	50.68	Peak	68.2	Pass
NVNT	ac40mimo	5230	5350	-57.91	3.95	41.27	Average	54	Pass
NVNT	ac40mimo	5230	5359.56	-46.36	3.95	52.82	Peak	68.2	Pass
NVNT	ac40mimo	5230	5350.11	-57.91	3.95	41.27	Average	54	Pass
NVNT	ac40mimo	5230	5460	-50.18	3.95	49	Peak	68.2	Pass
NVNT	ac40mimo	5230	5460	-59.24	3.95	39.94	Average	54	Pass
NVNT	ac80mimo	5210	5350	-48.4	3.95	50.78	Peak	68.2	Pass
NVNT	ac80mimo	5210	5350	-58.39	3.95	40.79	Average	54	Pass
NVNT	ac80mimo	5210	5373.54	-46.79	3.95	52.39	Peak	68.2	Pass
NVNT	ac80mimo	5210	5355.06	-58.04	3.95	41.14	Average	54	Pass
NVNT	ac80mimo	5210	5460	-49.86	3.95	49.32	Peak	68.2	Pass
NVNT	ac80mimo	5210	5460	-59.19	3.95	39.99	Average	54	Pass
NVNT	ac80mimo	5210	4500	-51.69	3.95	47.49	Peak	68.2	Pass
NVNT	ac80mimo	5210	4500	-60.28	3.95	38.9	Average	54	Pass
NVNT	ac80mimo	5210	5136.74	-37.32	3.95	61.86	Peak	68.2	Pass
NVNT	ac80mimo	5210	5149.38	-49.96	3.95	49.22	Average	54	Pass
NVNT	ac80mimo	5210	5150	-38.12	3.95	61.06	Peak	68.2	Pass
NVNT	ac80mimo	5210	5150	-50	3.95	49.18	Average	54	Pass

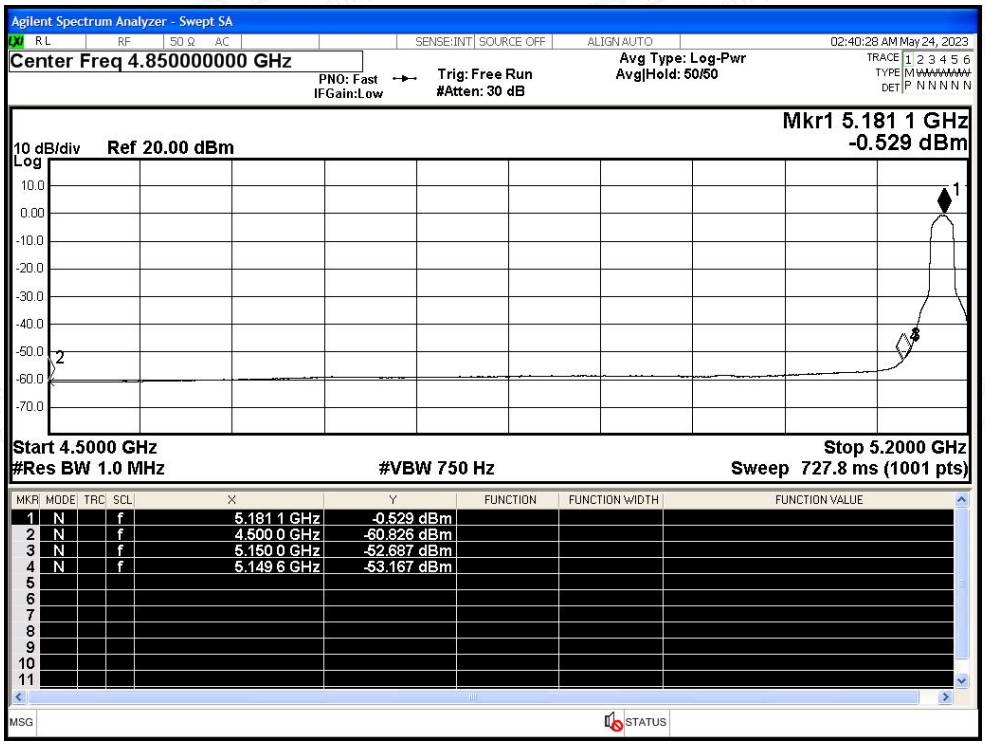
Note：802.11a mode, only show the worst set of antenna(Antenna 1)data.

Test Graphs

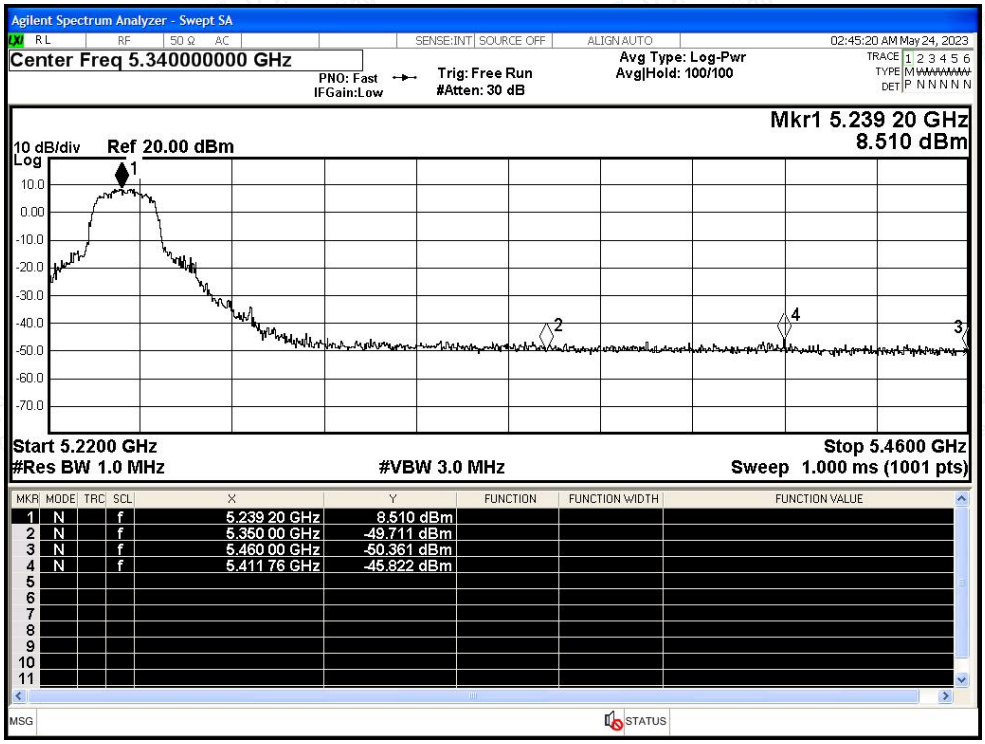
Restrict Band NVNT a 5180MHz Ant1 Peak



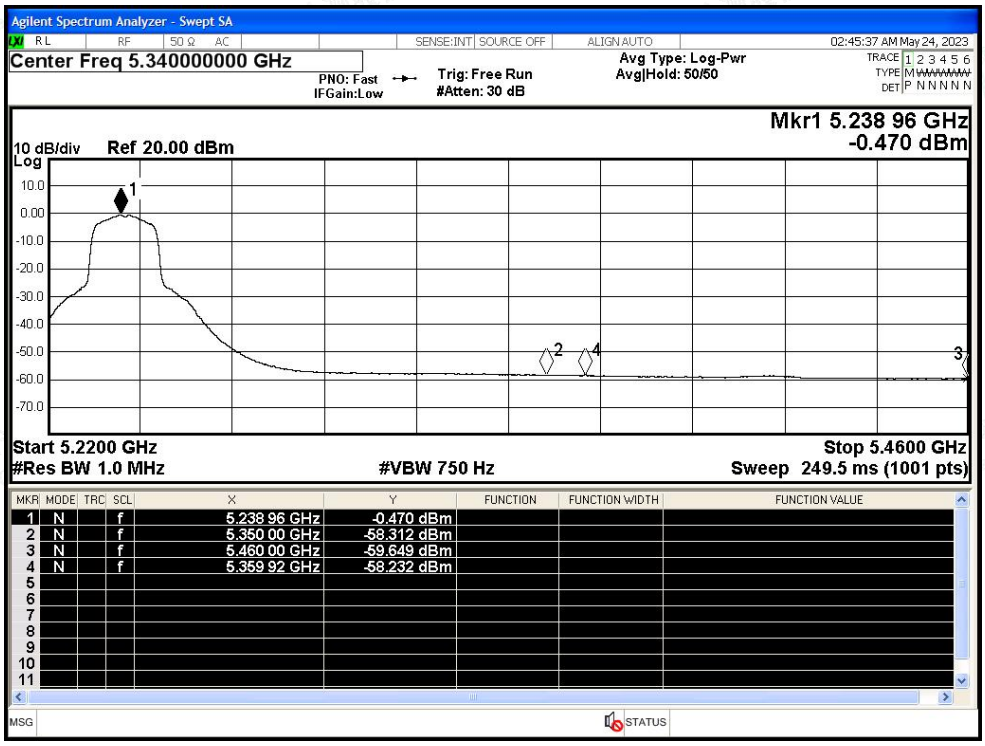
Restrict Band NVNT a 5180MHz Ant1 Average



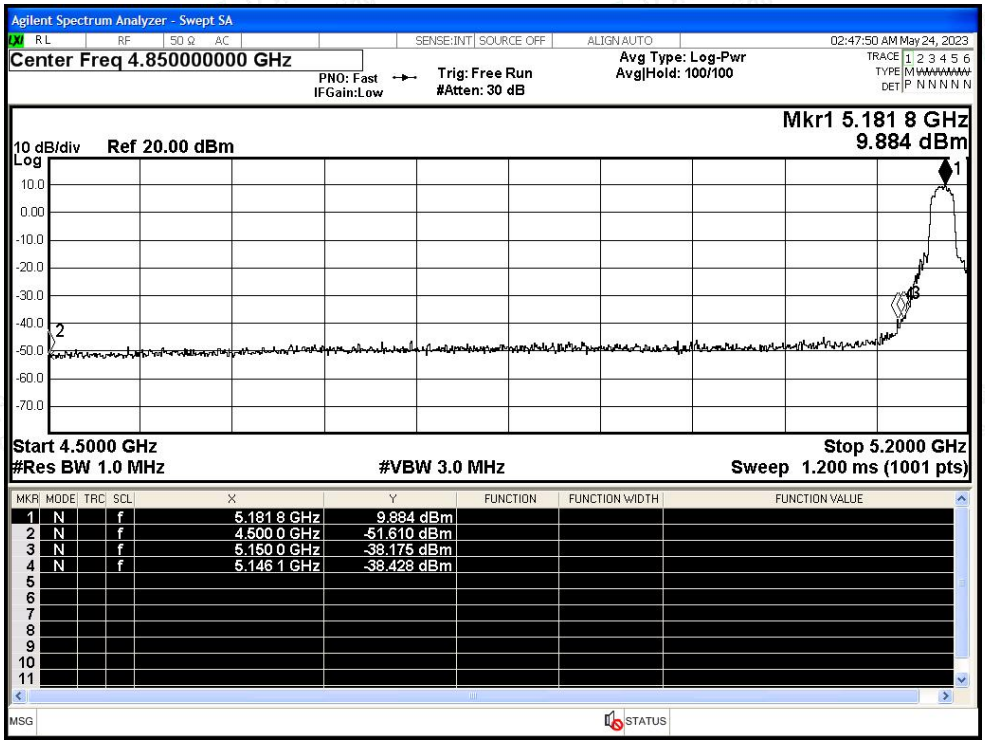
Restrict Band NVNT a 5240MHz Ant1 Peak



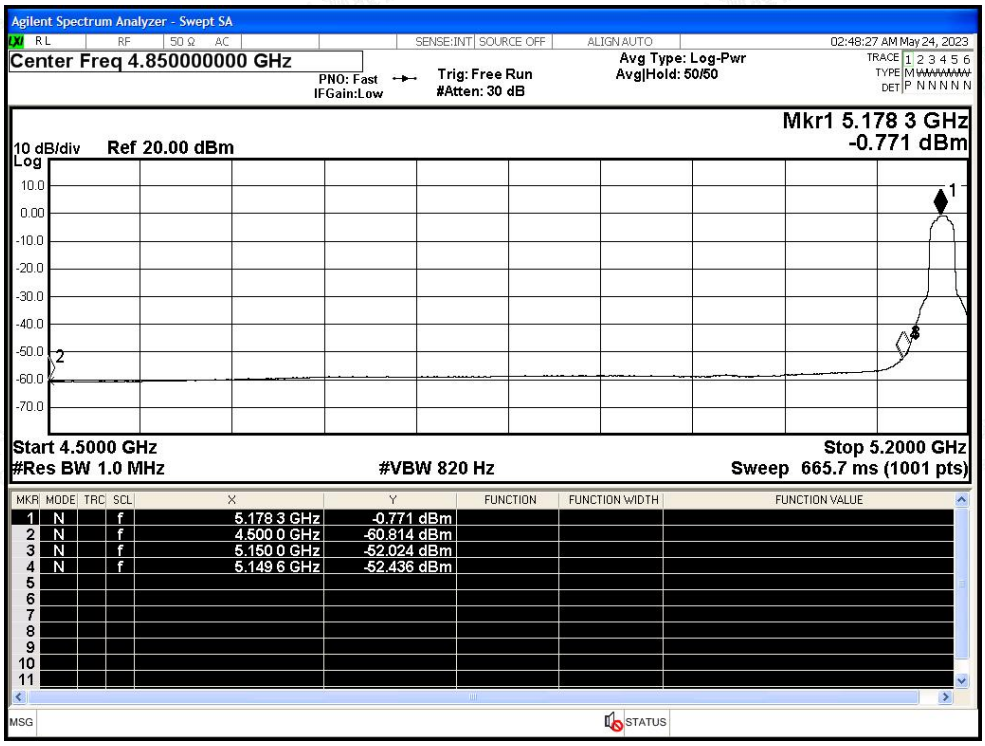
Restrict Band NVNT a 5240MHz Ant1 Average



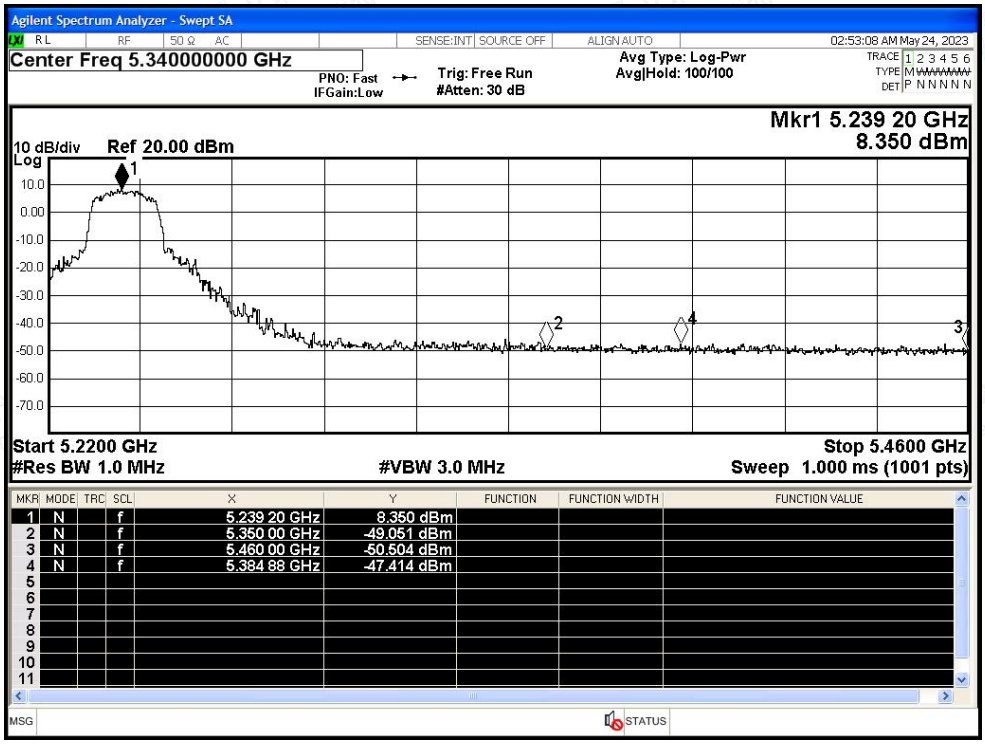
Restrict Band NVNT n20 5180MHz Peak



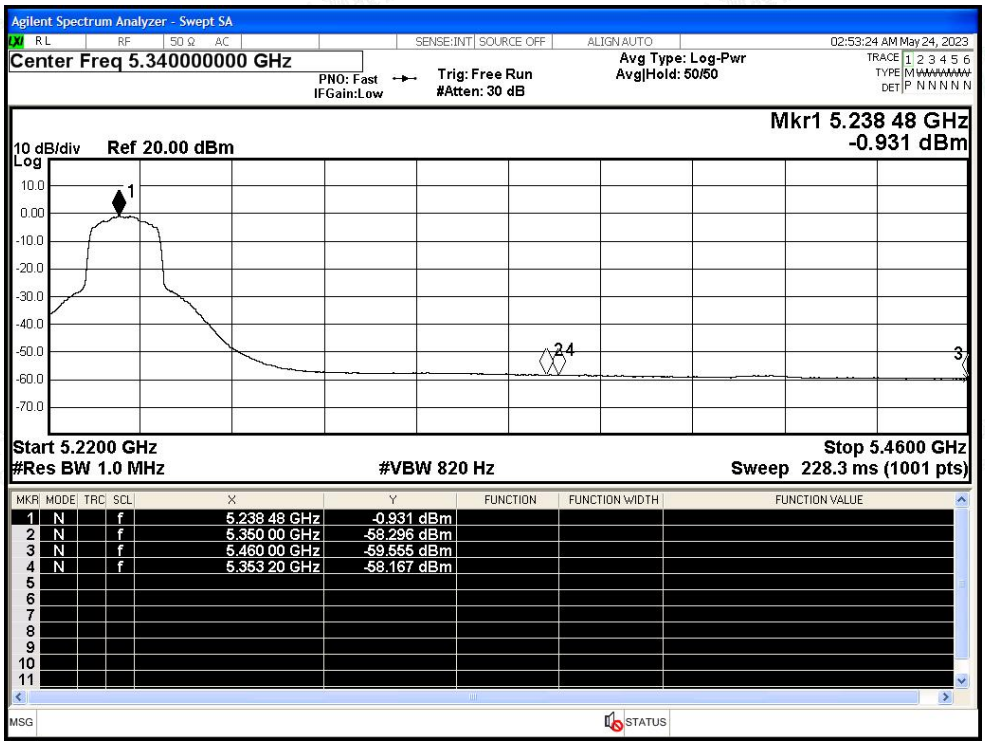
Restrict Band NVNT n20 5180MHz Average



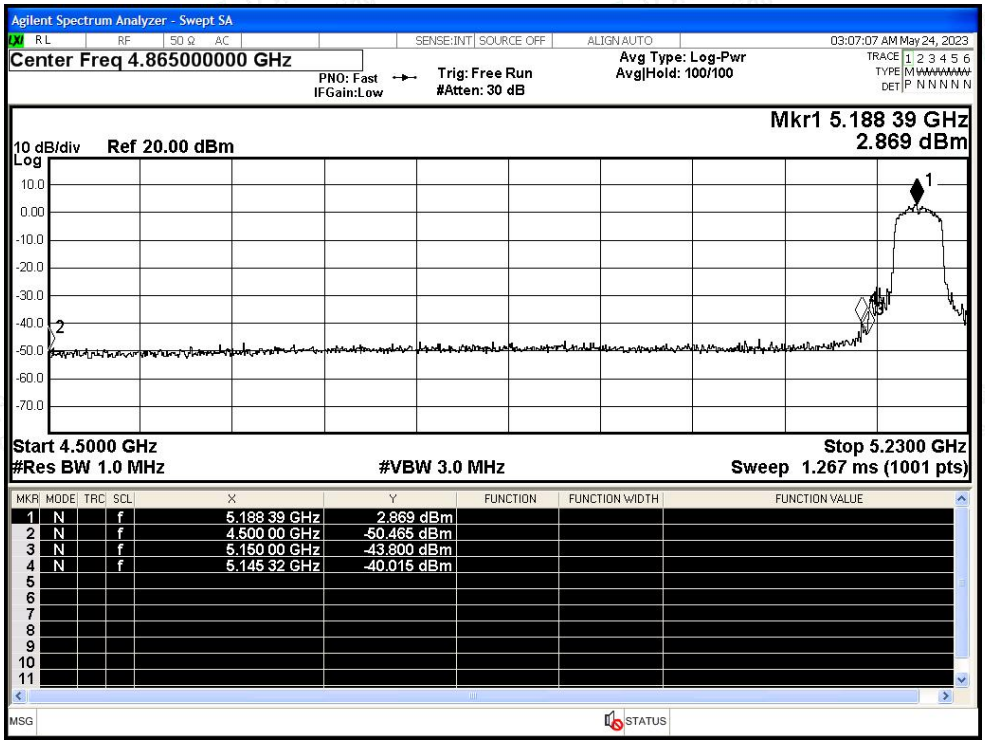
Restrict Band NVNT n20 5240MHz Peak



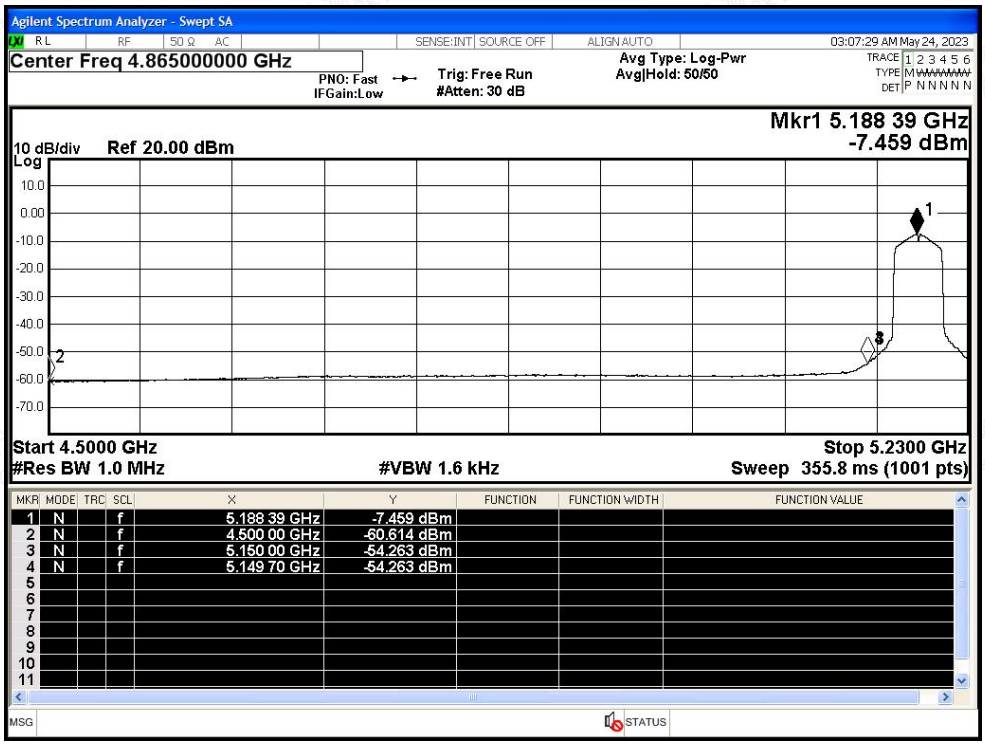
Restrict Band NVNT n20 5240MHz Average



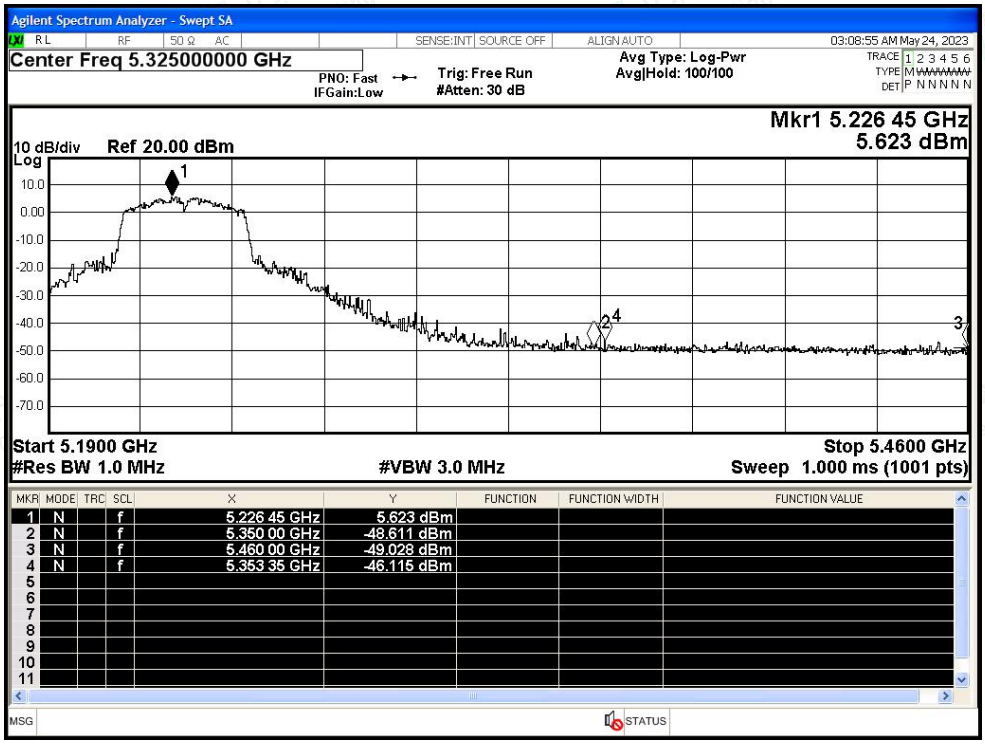
Restrict Band NVNT n40 5190MHz Peak



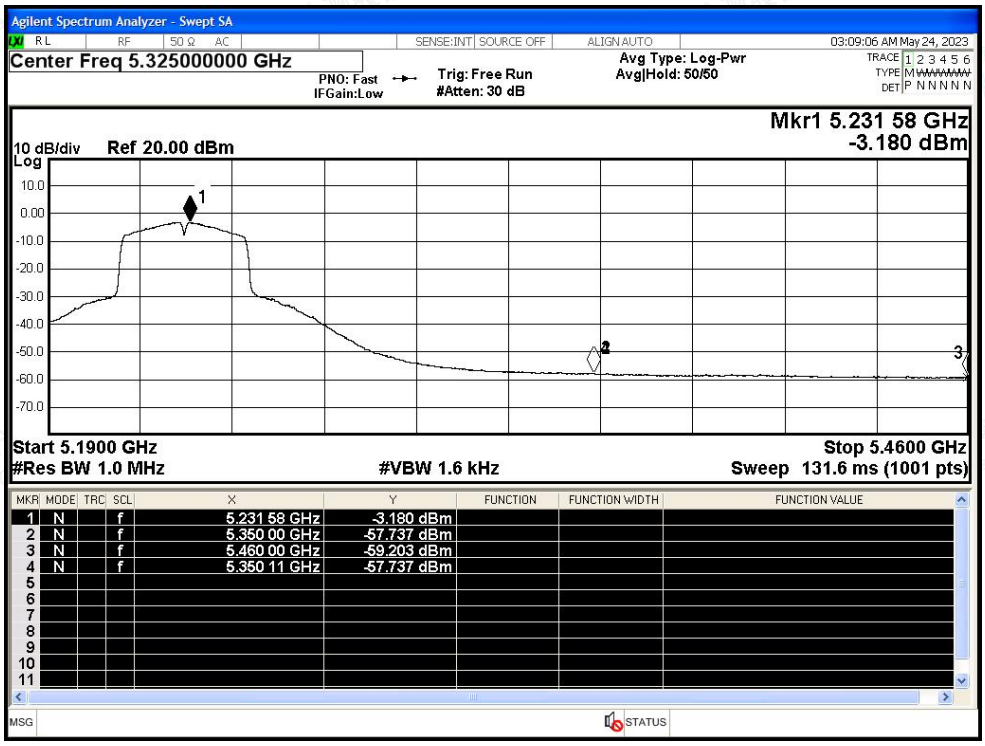
Restrict Band NVNT n40 5190MHz Average



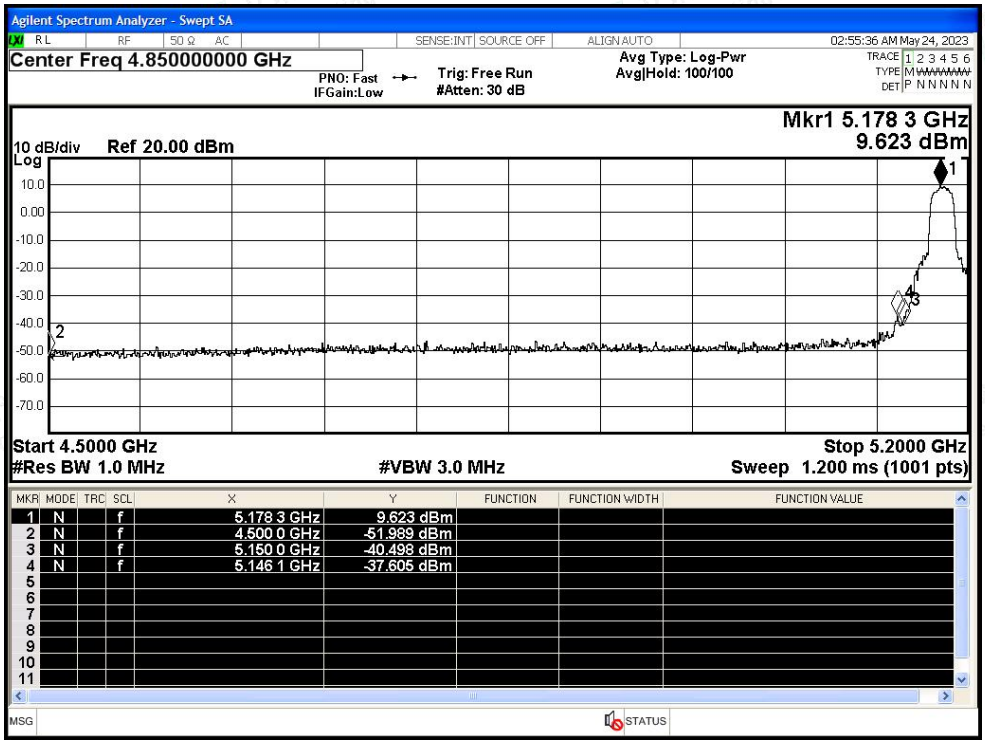
Restrict Band NVNT n40 5230MHz Peak



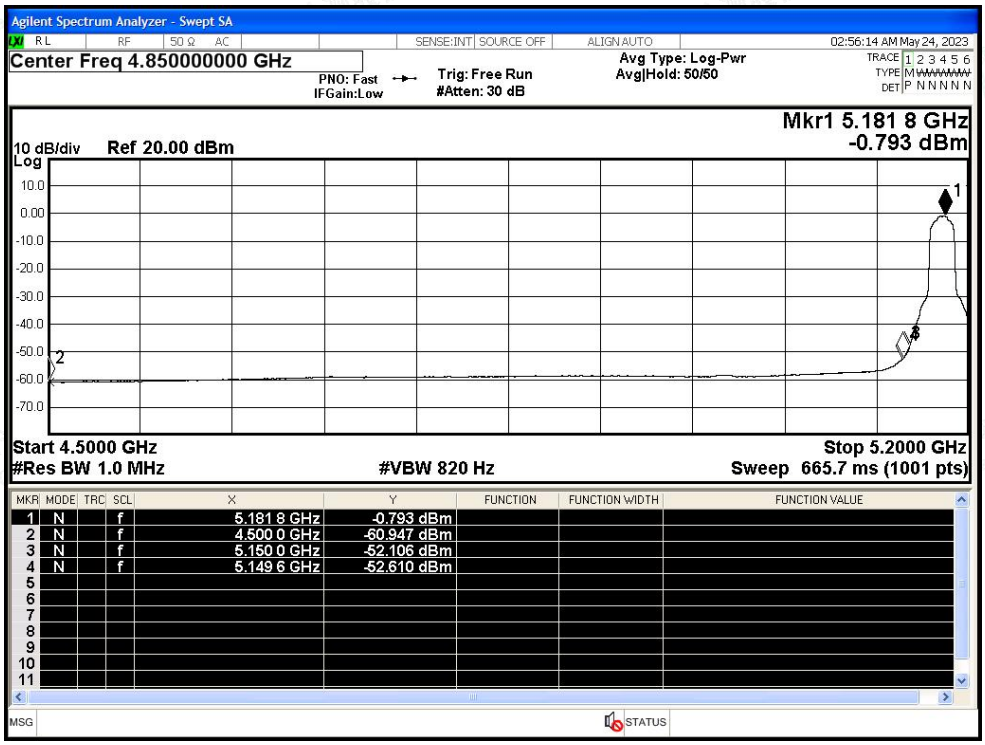
Restrict Band NVNT n40 5230MHz Average



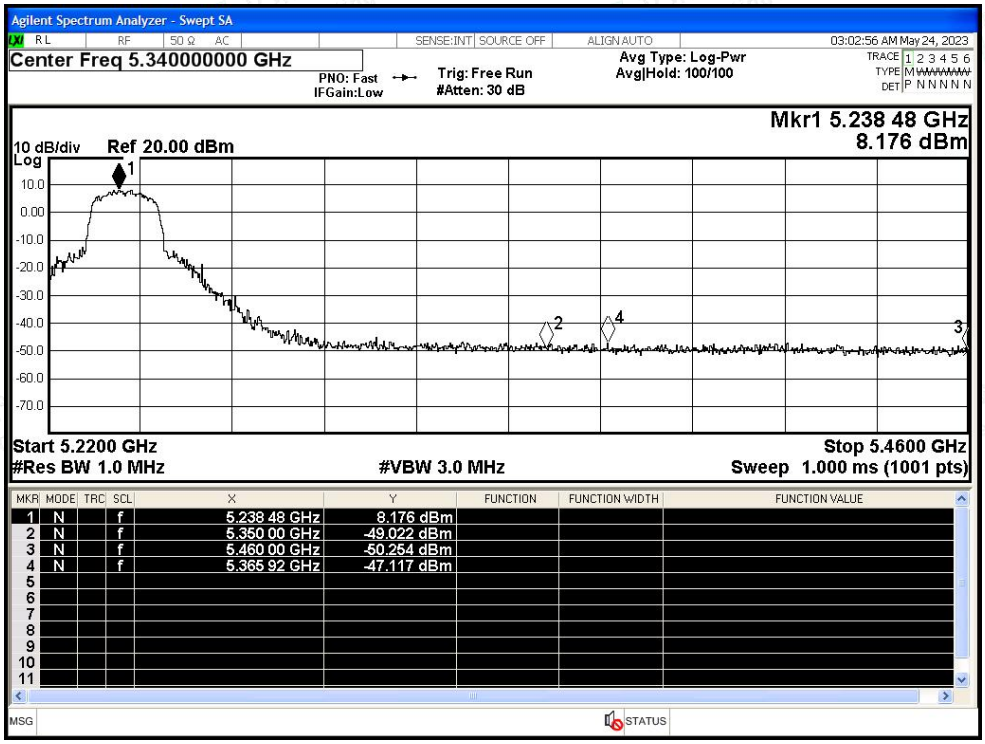
Restrict Band NVNT ac20 5180MHz Peak



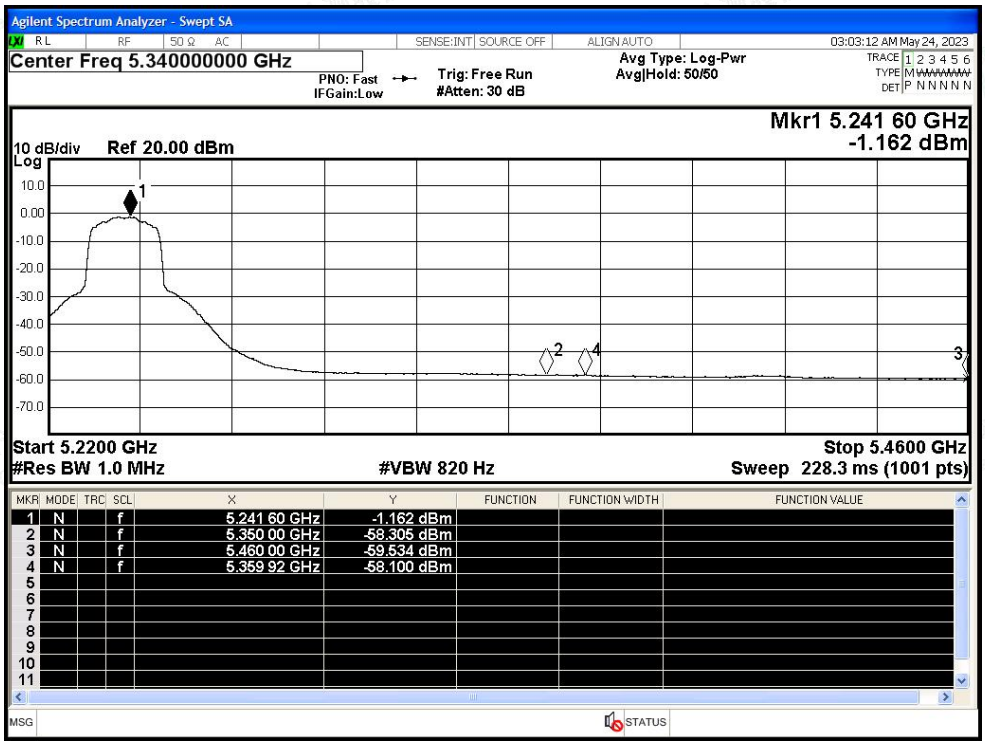
Restrict Band NVNT ac20 5180MHz Average



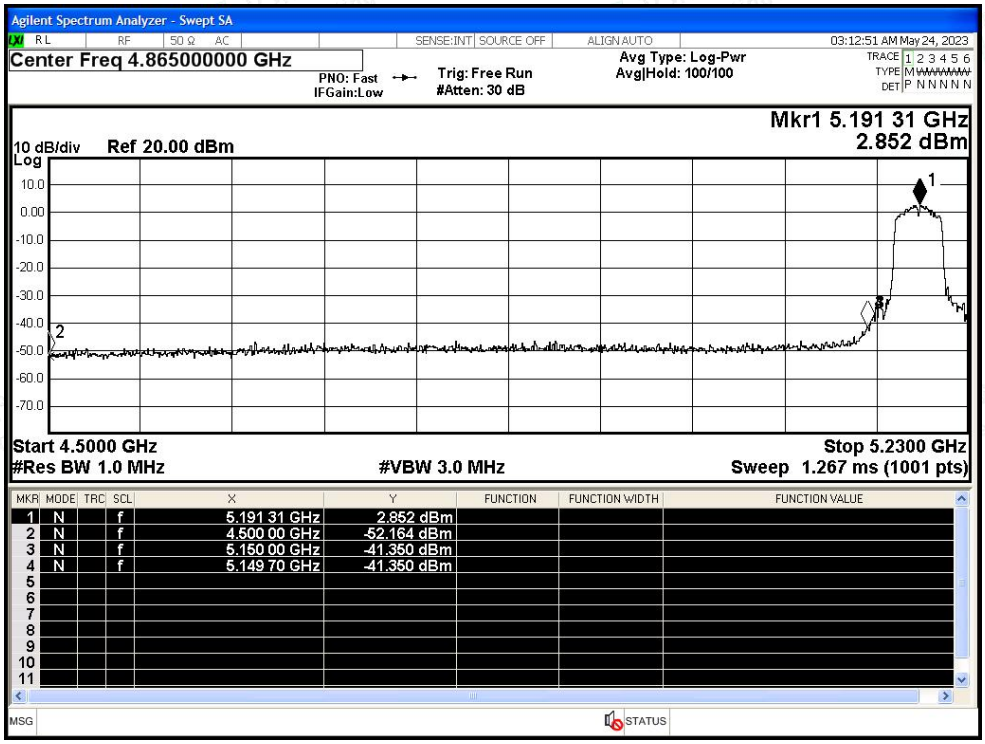
Restrict Band NVNT ac20 5240MHz Peak



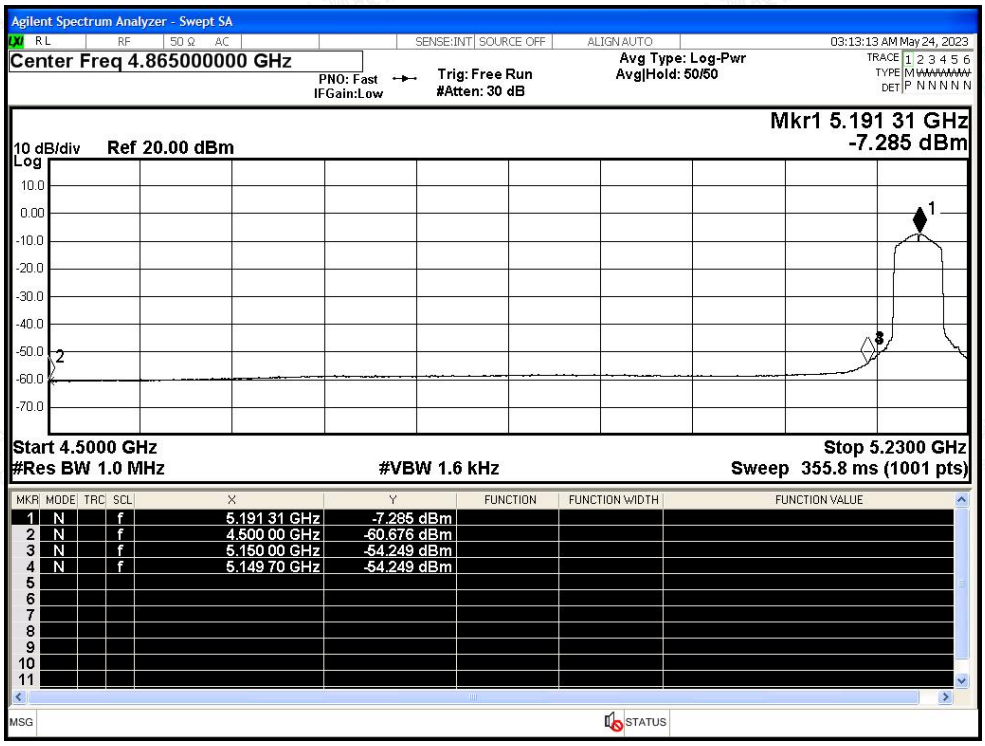
Restrict Band NVNT ac20 5240MHz Average



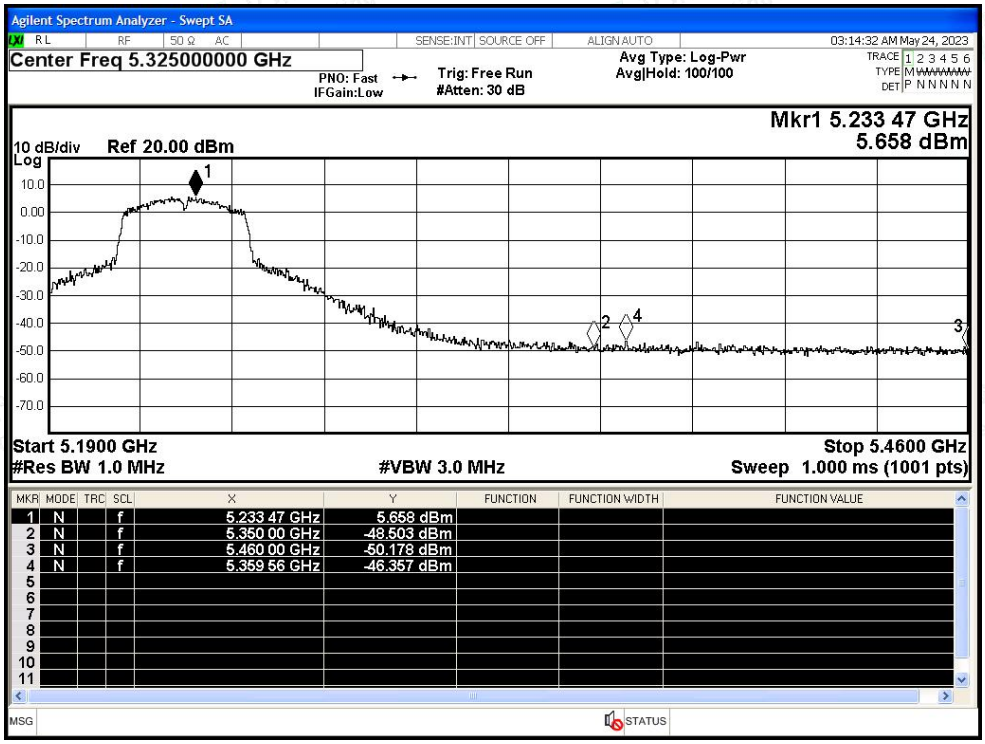
Restrict Band NVNT ac40 5190MHz Peak



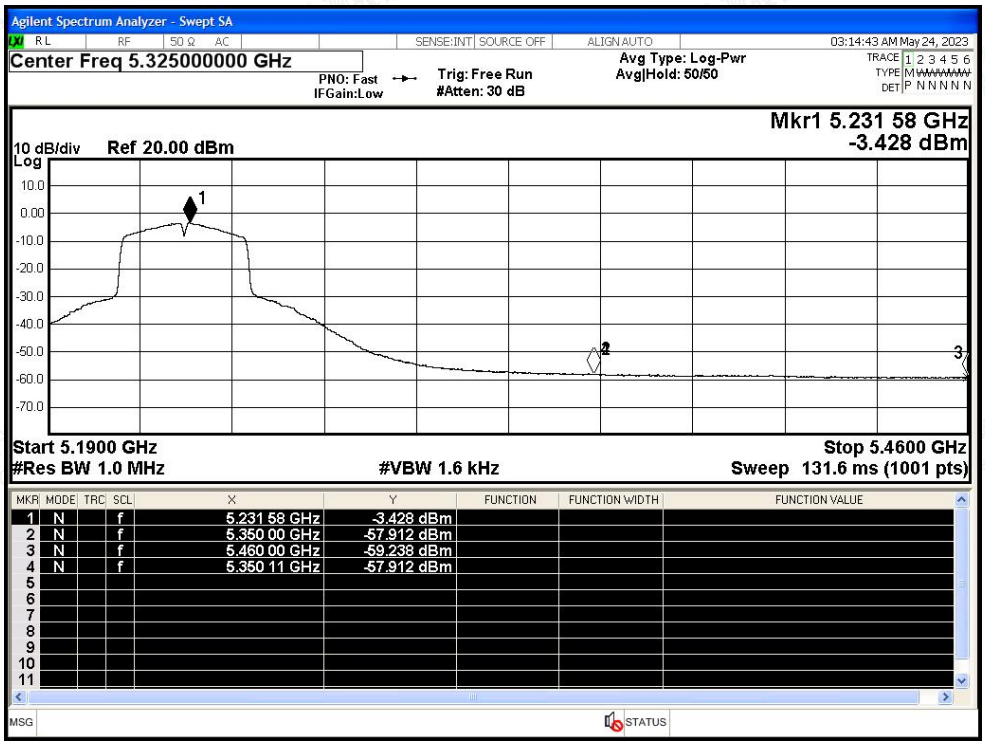
Restrict Band NVNT ac40 5190MHz Average



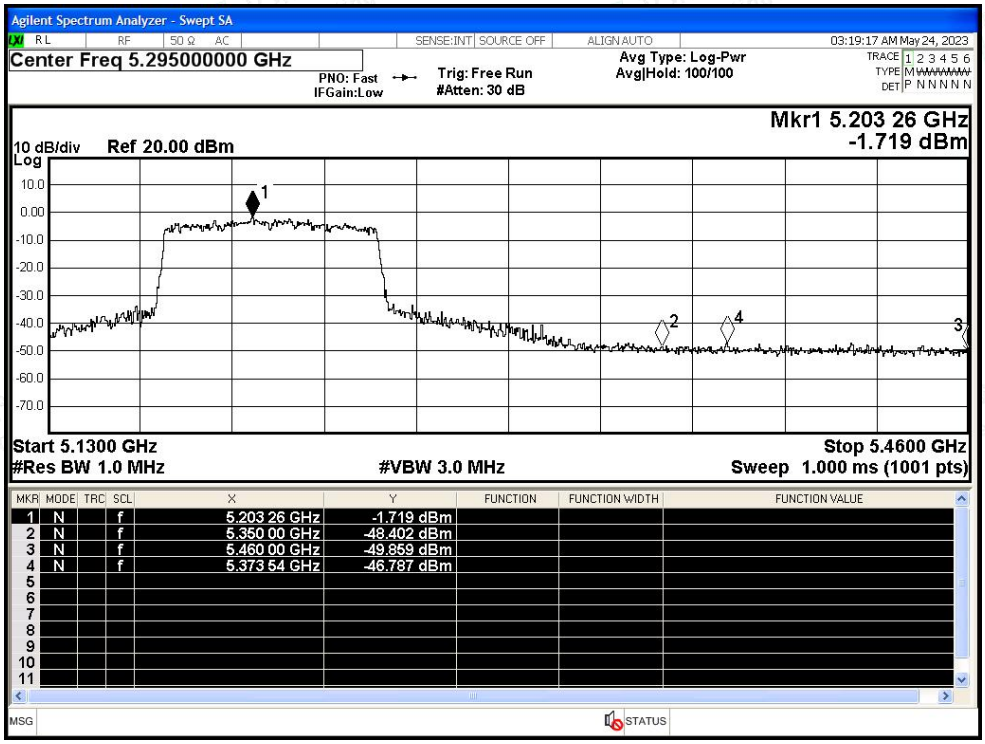
Restrict Band NVNT ac40 5230MHz Peak



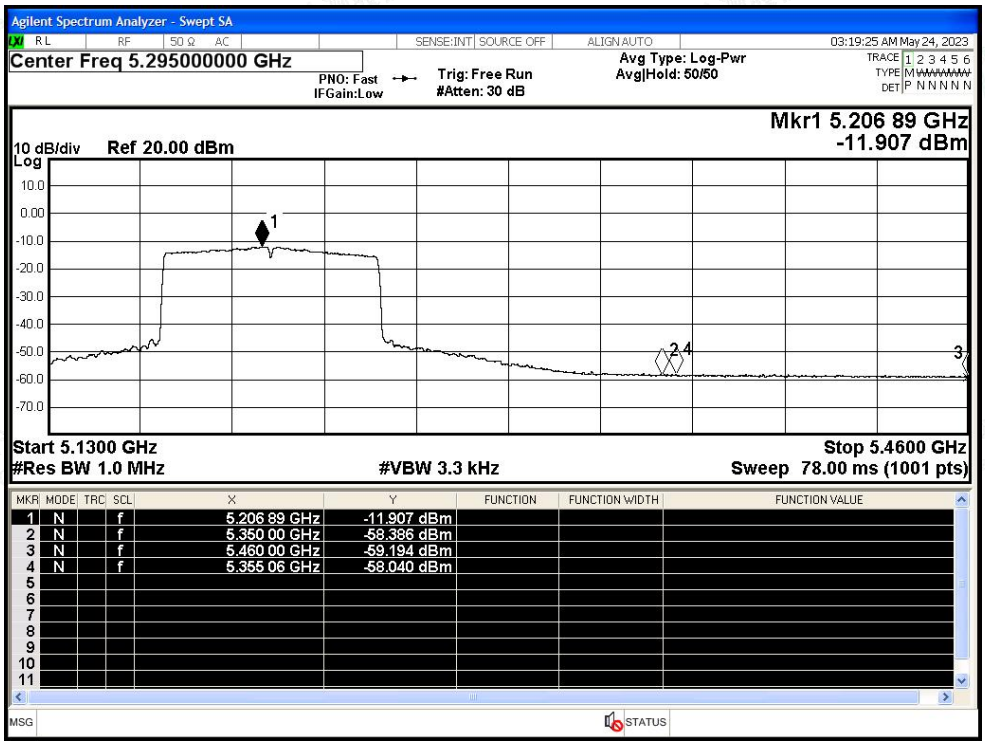
Restrict Band NVNT ac40 5230MHz Average



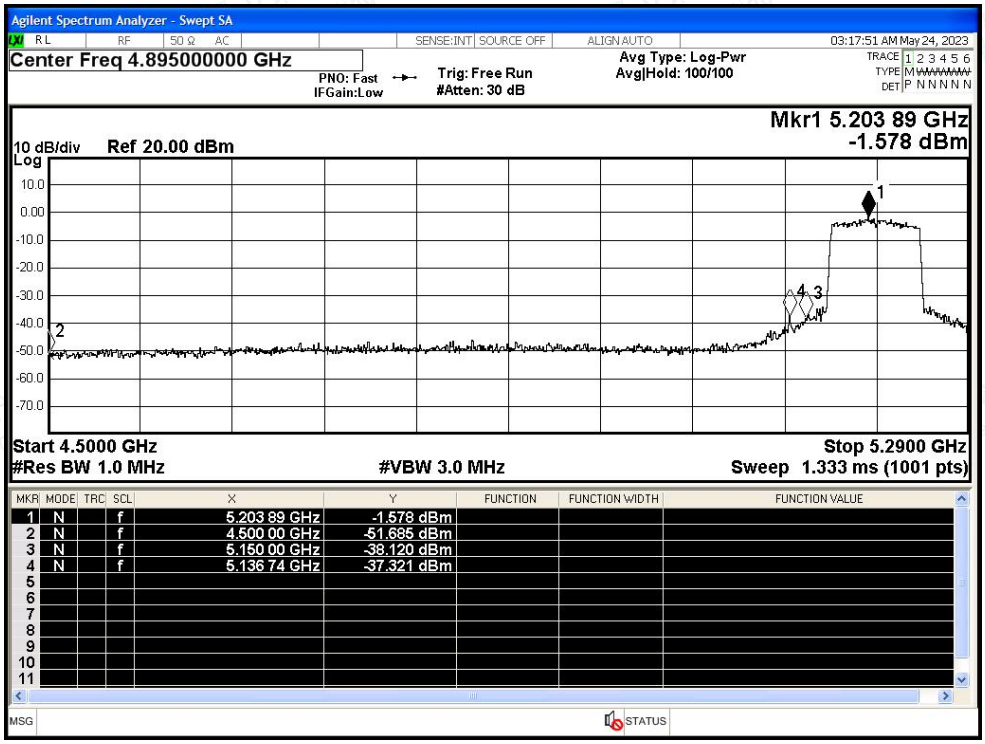
Restrict Band NVNT ac80 5210MHz Peak



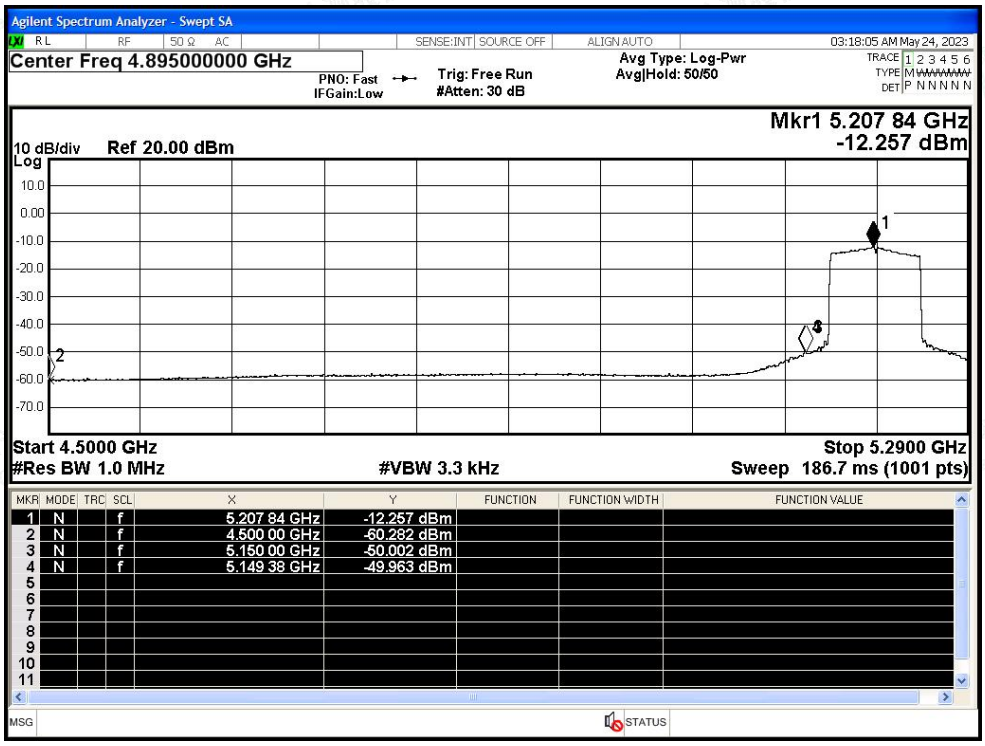
Restrict Band NVNT ac80 5210MHz Average



Restrict Band NVNT ac80 5210MHz Peak



Restrict Band NVNT ac80 5210MHz Average

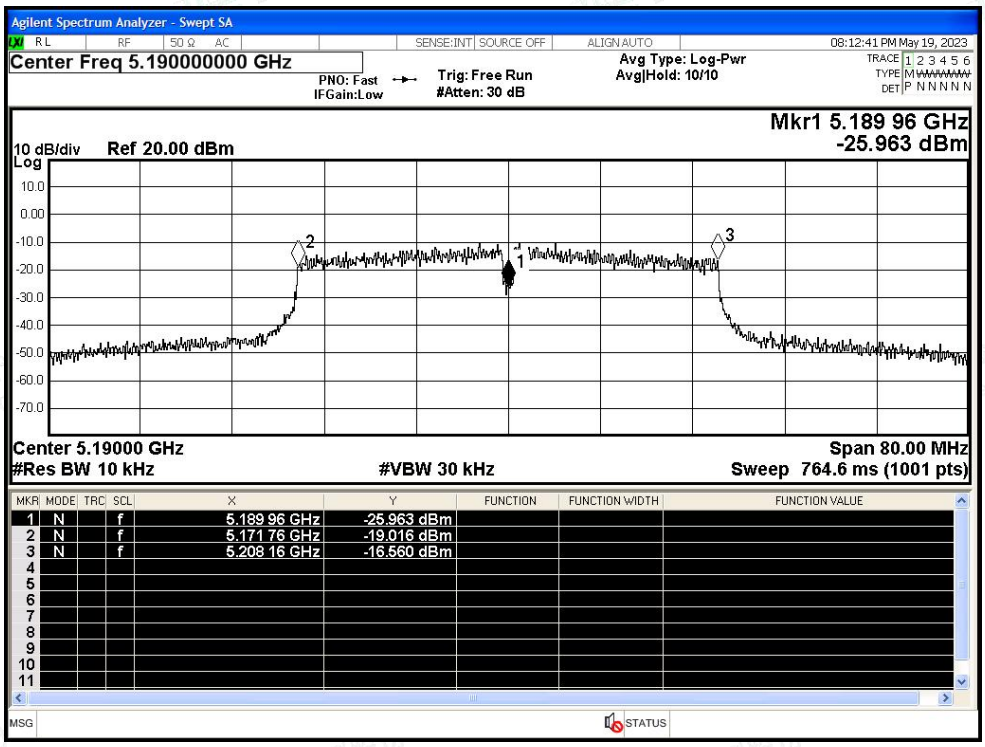


D.5 Frequency Stability

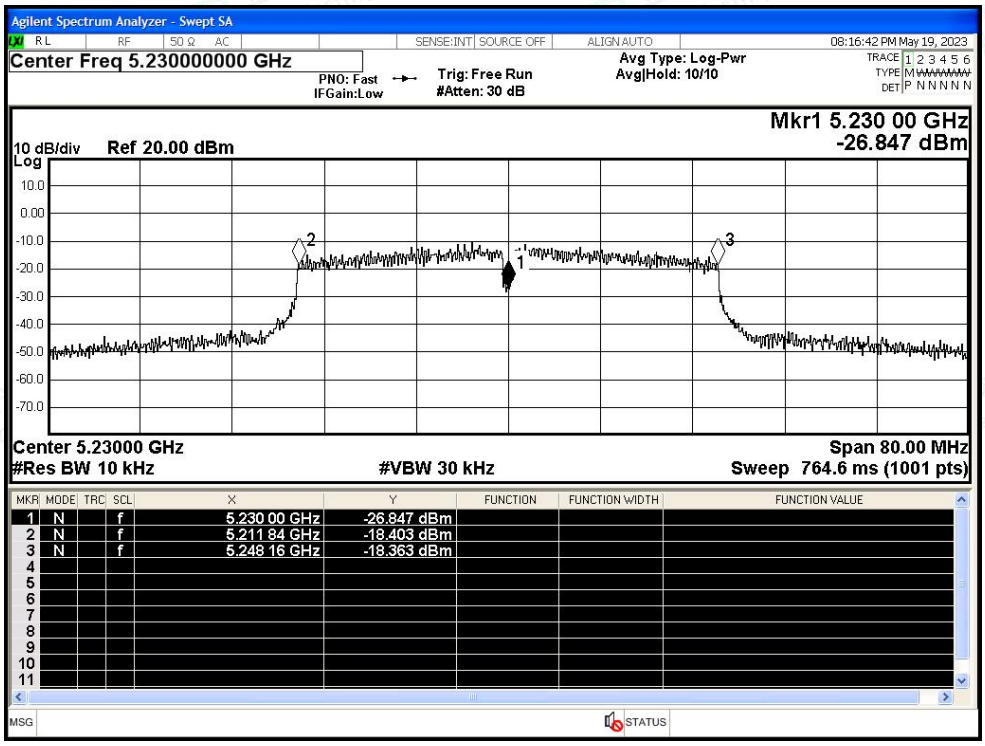
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	n40	5190	Ant0	5189.96	-40000	-7.71	25	Pass
NVNT	n40	5230	Ant0	5230	0	0	25	Pass
NVNT	ac20	5180	Ant0	5179.98	-20000	-3.86	25	Pass
NVNT	ac20	5200	Ant0	5200	0	0	25	Pass
NVNT	ac20	5240	Ant0	5239.98	-20000	-3.82	25	Pass
NVNT	ac40	5190	Ant0	5190	0	0	25	Pass
NVNT	ac40	5230	Ant0	5230.04	40000	7.65	25	Pass
NVNT	ac80	5210	Ant0	5210	0	0	25	Pass

Test Graphs

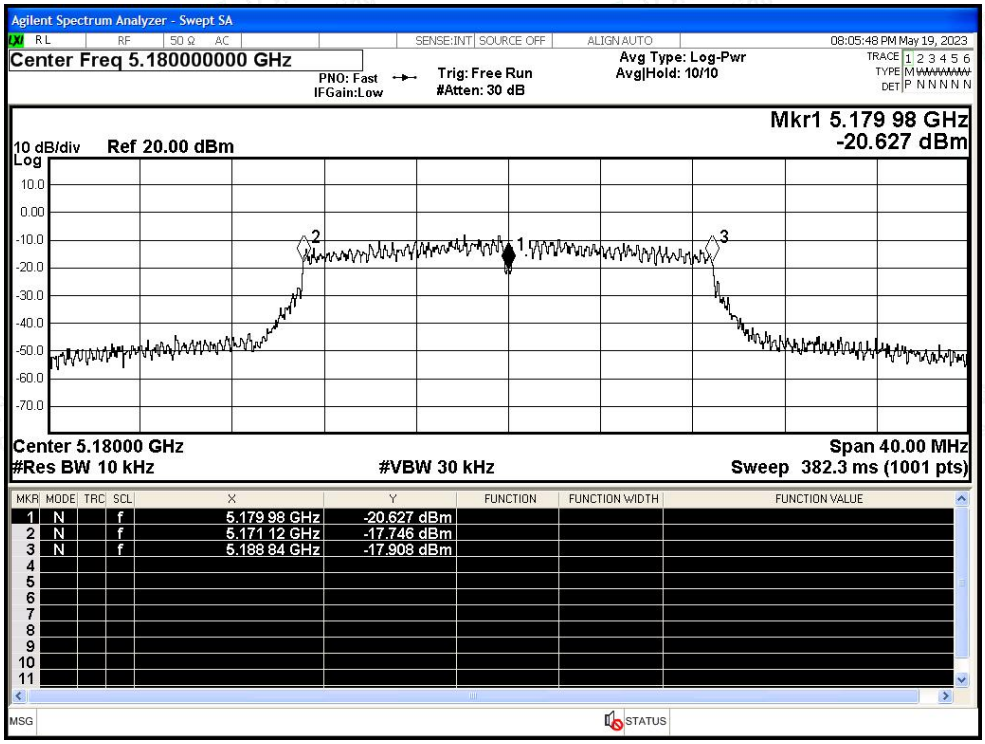
Freq. Stability NVNT n40 5190MHz Ant0



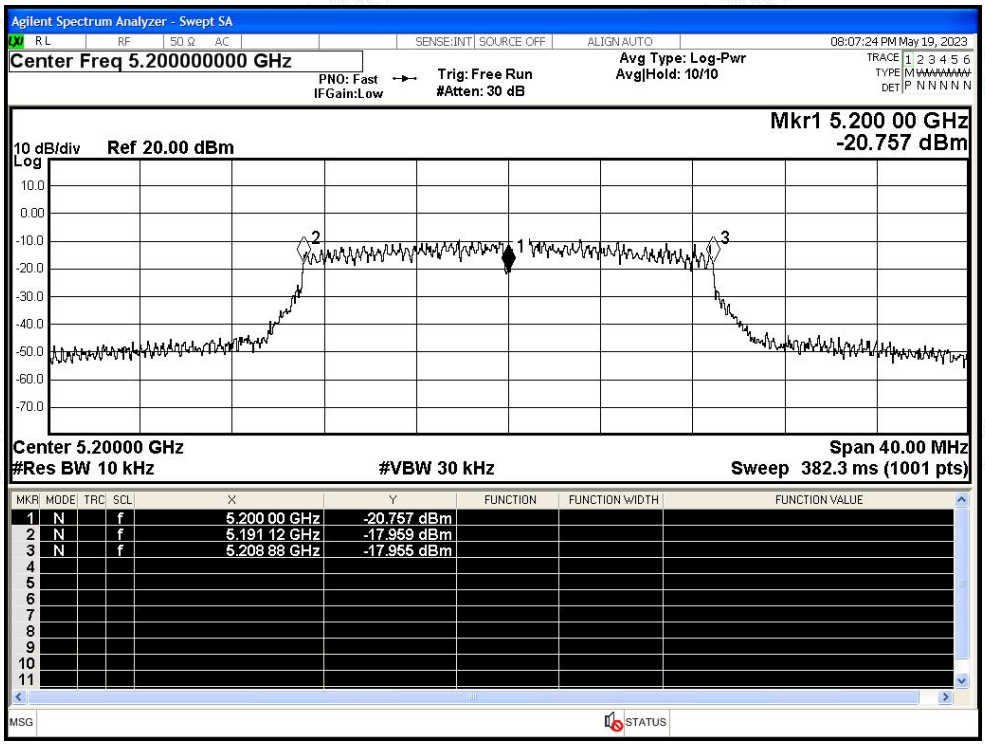
Freq. Stability NVNT n40 5230MHz Ant0



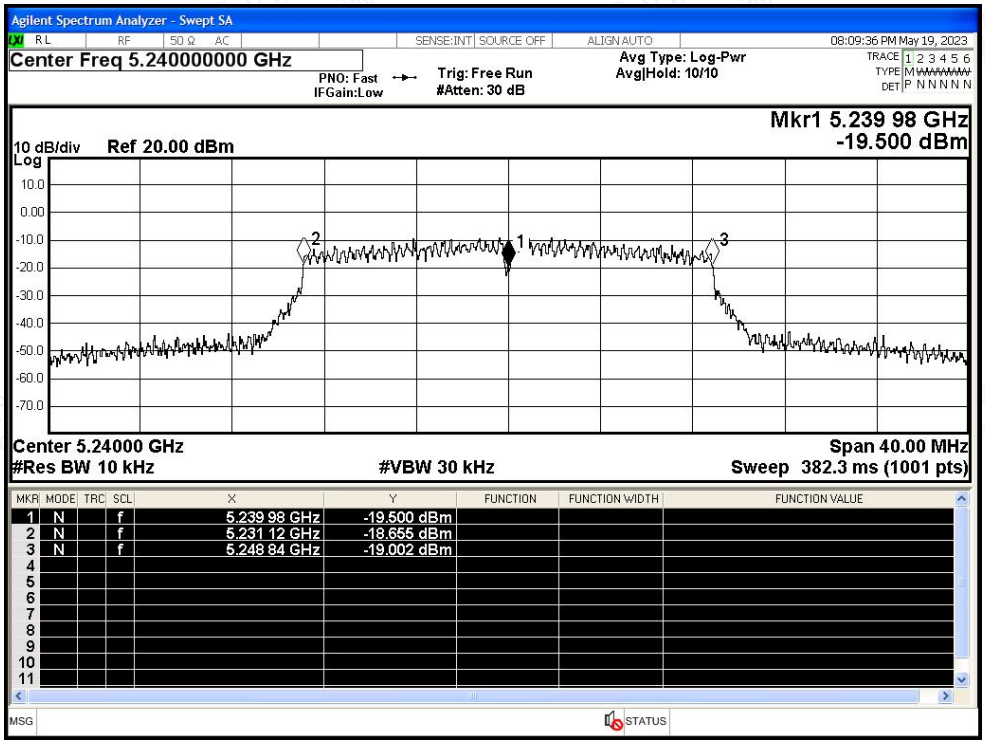
Freq. Stability NVNT ac20 5180MHz Ant0



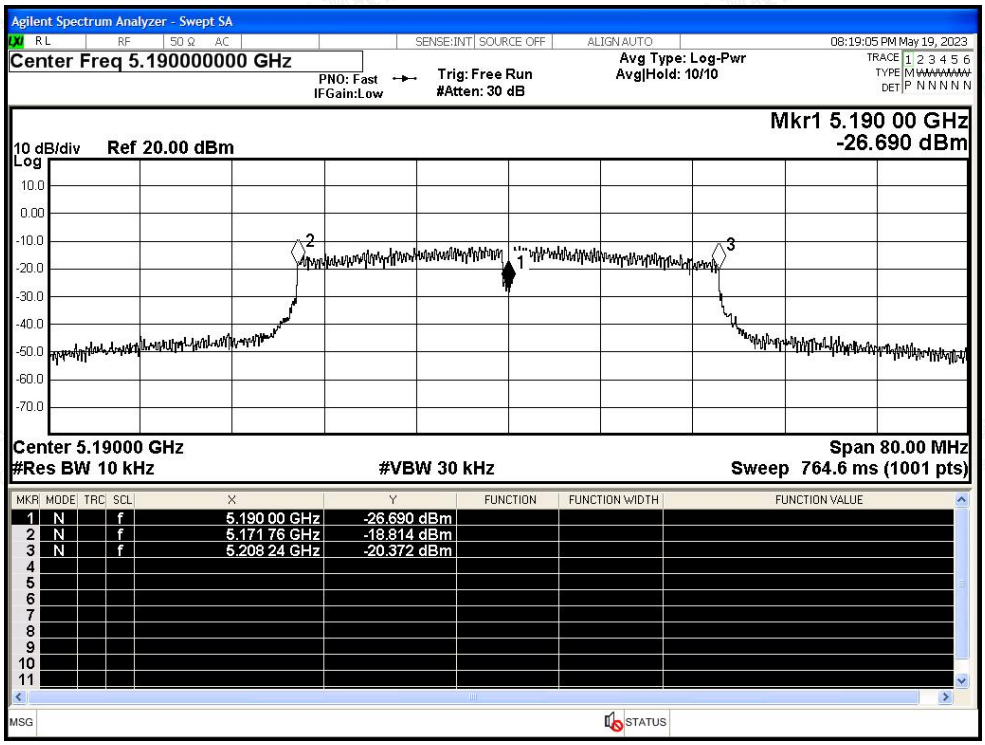
Freq. Stability NVNT ac20 5200MHz Ant0



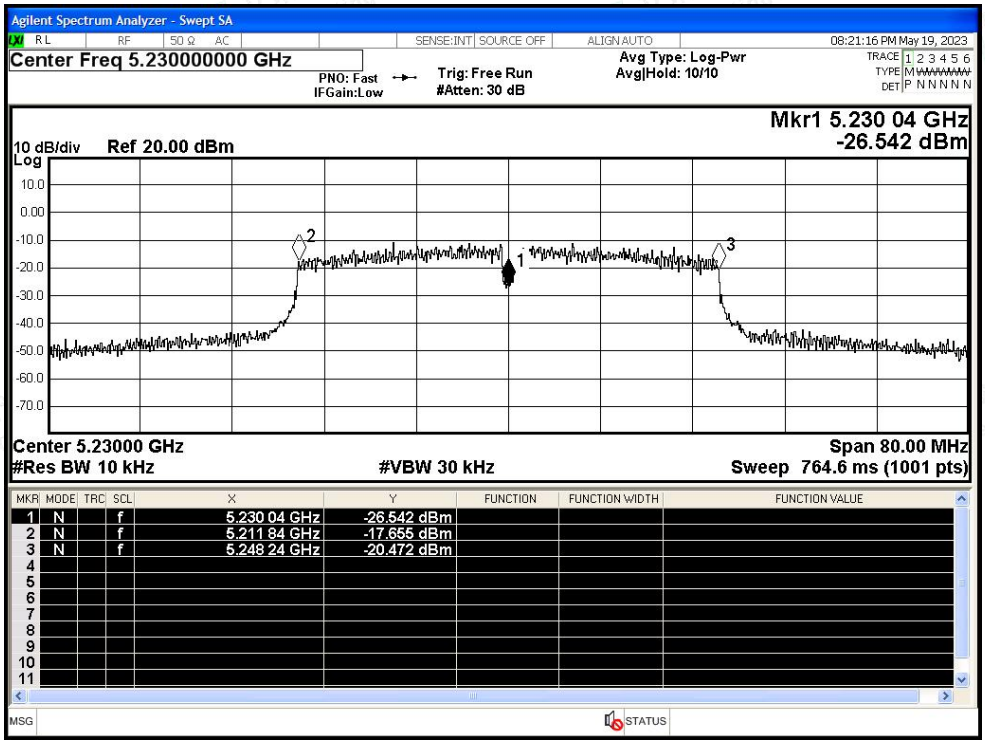
Freq. Stability NVNT ac20 5240MHz Ant0



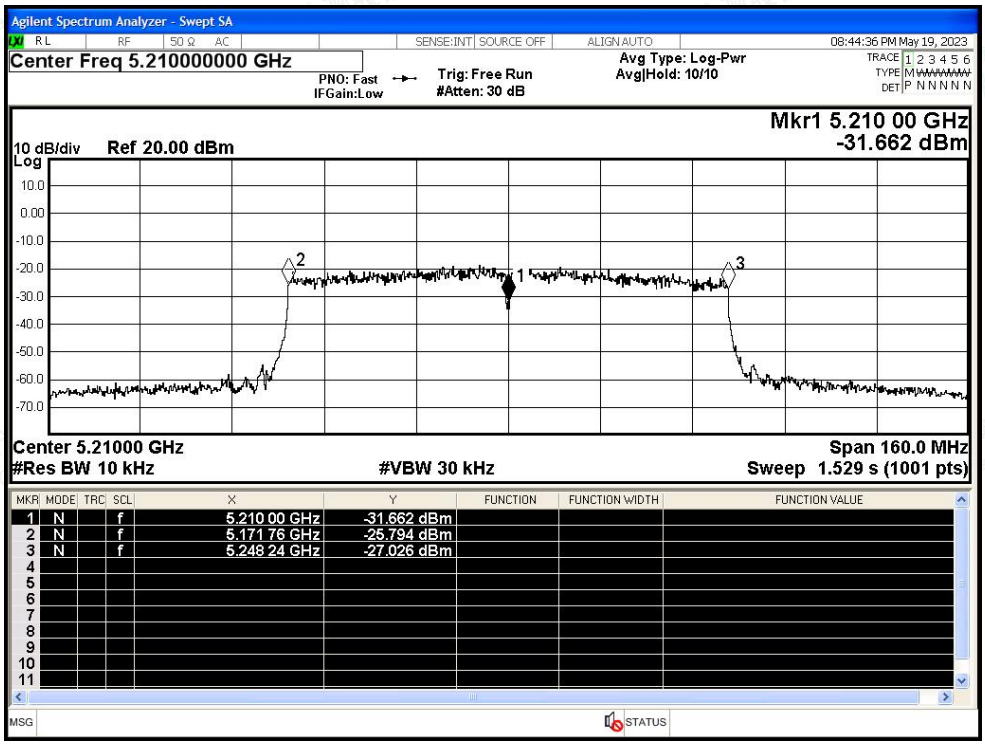
Freq. Stability NVNT ac40 5190MHz Ant0



Freq. Stability NVNT ac40 5230MHz Ant0



Freq. Stability NVNT ac80 5210MHz Ant0



Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	n40	5190	Ant1	5190.04	40000	7.71	25	Pass
NVNT	n40	5230	Ant1	5230	0	0	25	Pass
NVNT	ac20	5180	Ant1	5180	0	0	25	Pass
NVNT	ac20	5200	Ant1	5200.02	20000	3.85	25	Pass
NVNT	ac20	5240	Ant1	5240	0	0	25	Pass
NVNT	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
NVNT	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
NVNT	ac80	5210	Ant1	5210	0	0	25	Pass