Appendix D

RF Test Data for 5.2G WIFI (Conducted Measurement)

Product Name: Edge2 Maker Kit

Test Model: Edge2 Basic

Environmental Conditions

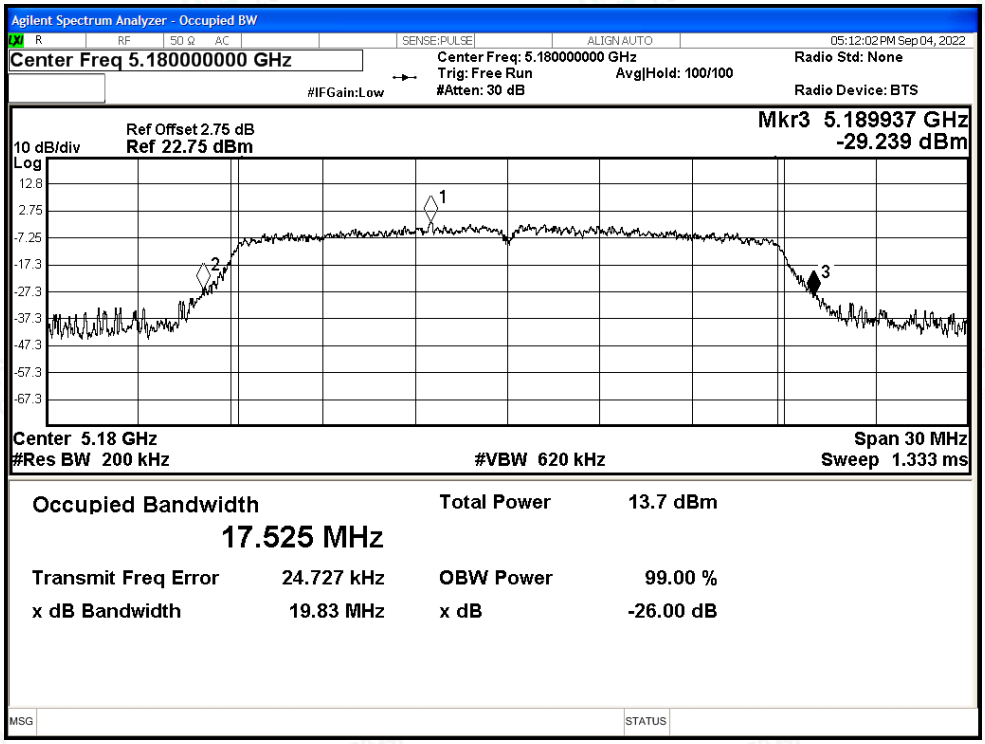
Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Wunder Wu
Supervised by:	Li Huan

D.1 -26dB Bandwidth

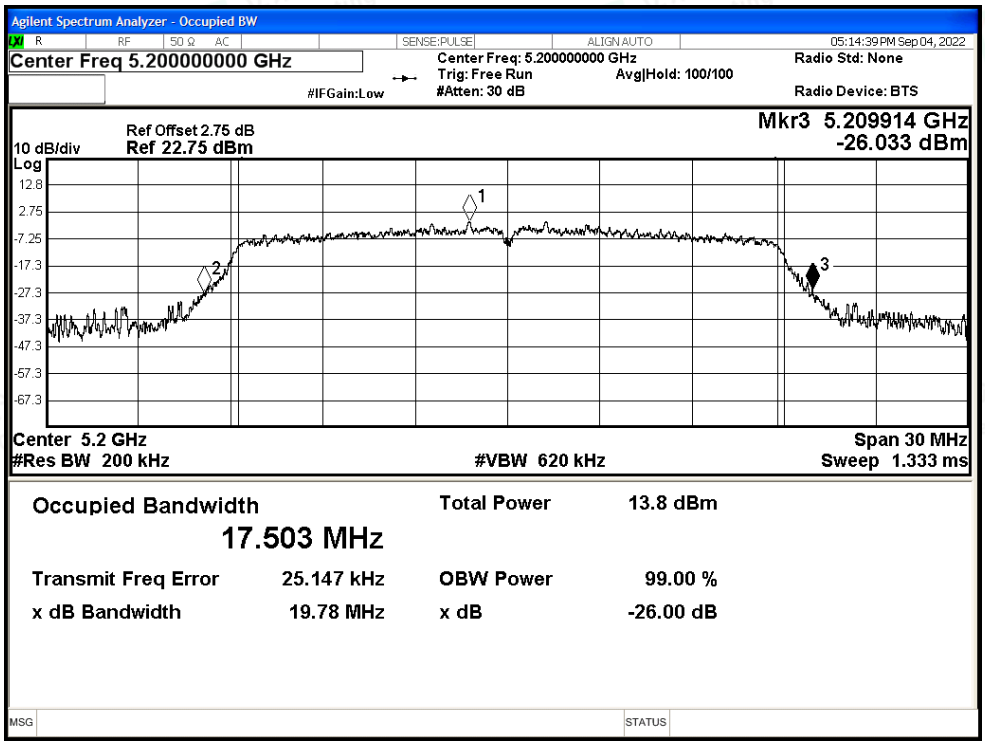
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant0	19.825	>=0.5	Pass
NVNT	a	5200	Ant0	19.777	>=0.5	Pass
NVNT	a	5240	Ant0	19.868	>=0.5	Pass
NVNT	n20	5180	Ant0	19.836	>=0.5	Pass
NVNT	n20	5200	Ant0	19.856	>=0.5	Pass
NVNT	n20	5240	Ant0	19.759	>=0.5	Pass
NVNT	n40	5190	Ant0	40.728	>=0.5	Pass
NVNT	n40	5230	Ant0	40.165	>=0.5	Pass
NVNT	ac20	5180	Ant0	19.895	>=0.5	Pass
NVNT	ac20	5200	Ant0	20.009	>=0.5	Pass
NVNT	ac20	5240	Ant0	20.008	>=0.5	Pass
NVNT	ac40	5190	Ant0	40.507	>=0.5	Pass
NVNT	ac40	5230	Ant0	40.097	>=0.5	Pass
NVNT	ac80	5210	Ant0	80.943	>=0.5	Pass
NVNT	ax20	5180	Ant0	19.427	>=0.5	Pass
NVNT	ax20	5200	Ant0	19.546	>=0.5	Pass
NVNT	ax20	5240	Ant0	19.459	>=0.5	Pass
NVNT	ax40	5190	Ant0	39.693	>=0.5	Pass
NVNT	ax40	5230	Ant0	39.21	>=0.5	Pass
NVNT	ax80	5210	Ant0	78.35	>=0.5	Pass

Test Graphs

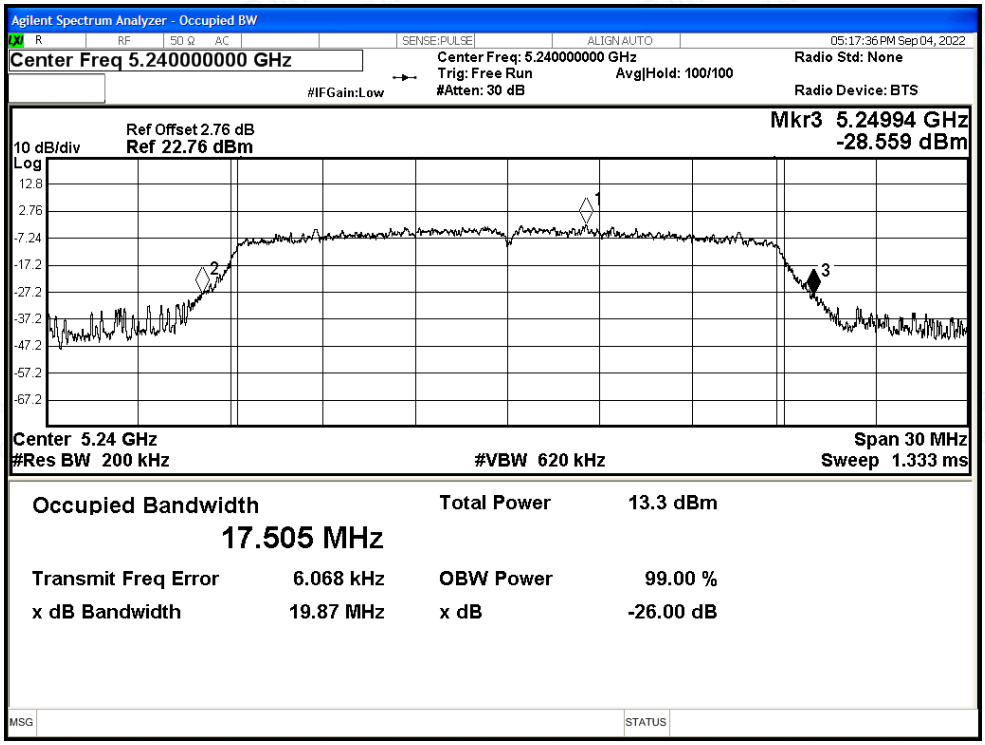
-26dB Bandwidth NVNT a 5180MHz Ant0



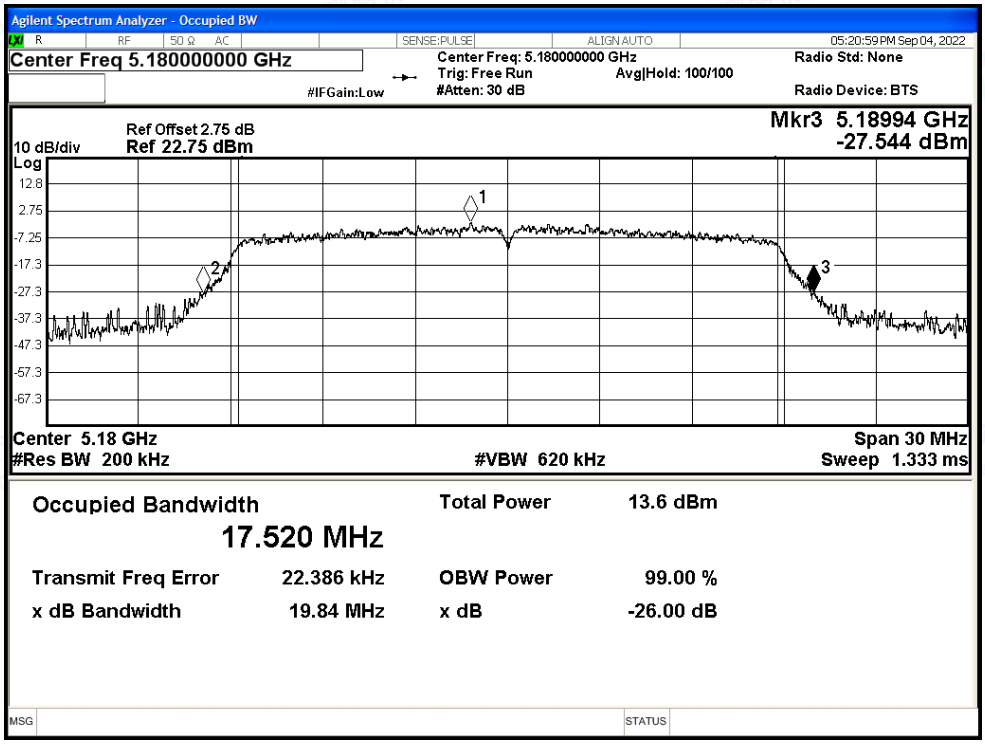
-26dB Bandwidth NVNT a 5200MHz Ant0



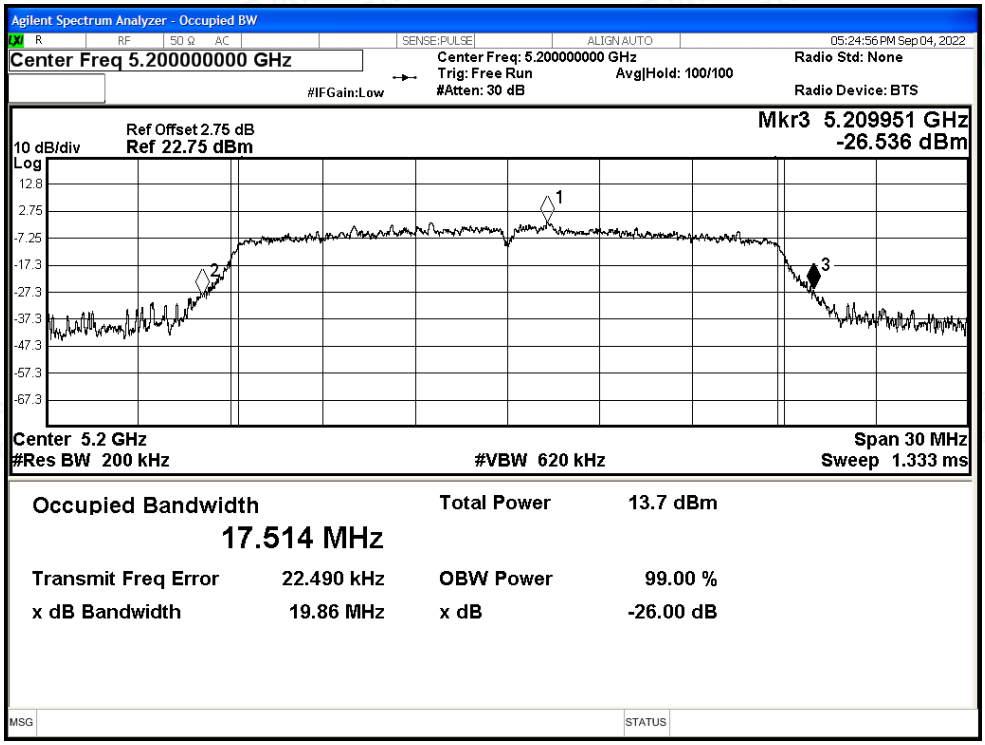
-26dB Bandwidth NVNT a 5240MHz Ant0



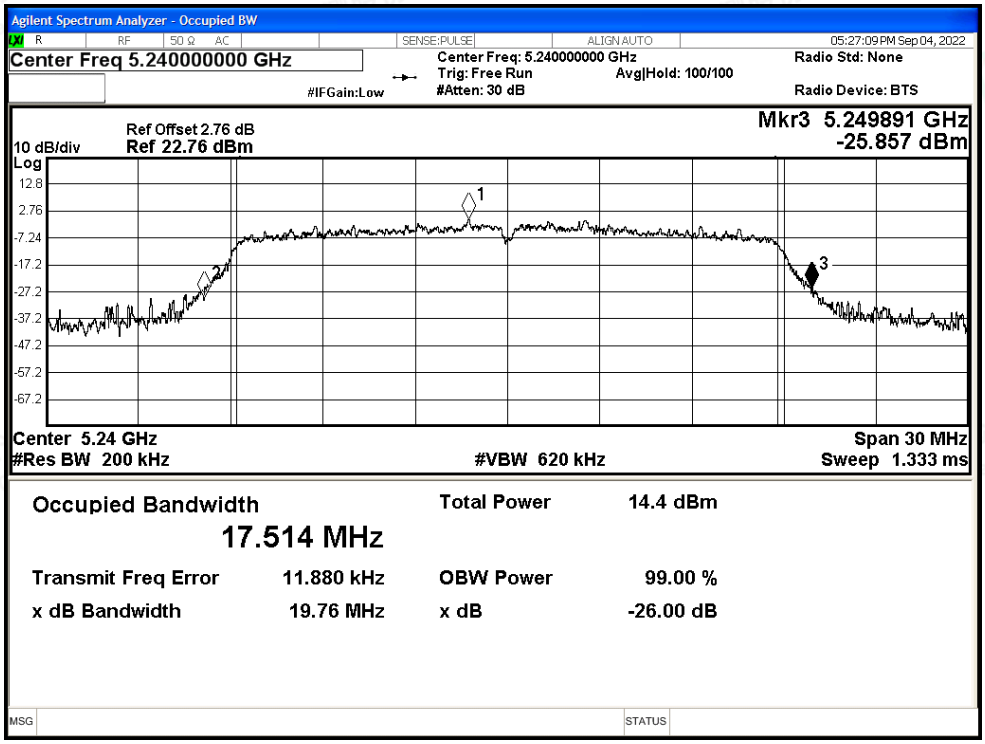
-26dB Bandwidth NVNT n20 5180MHz Ant0



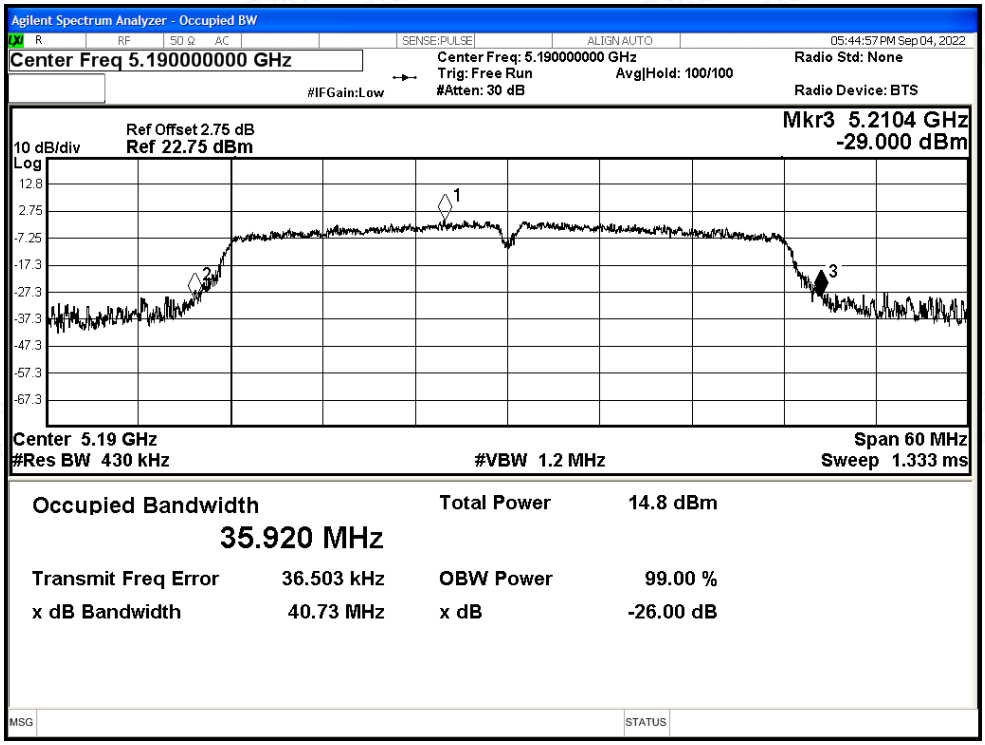
-26dB Bandwidth NVNT n20 5200MHz Ant0



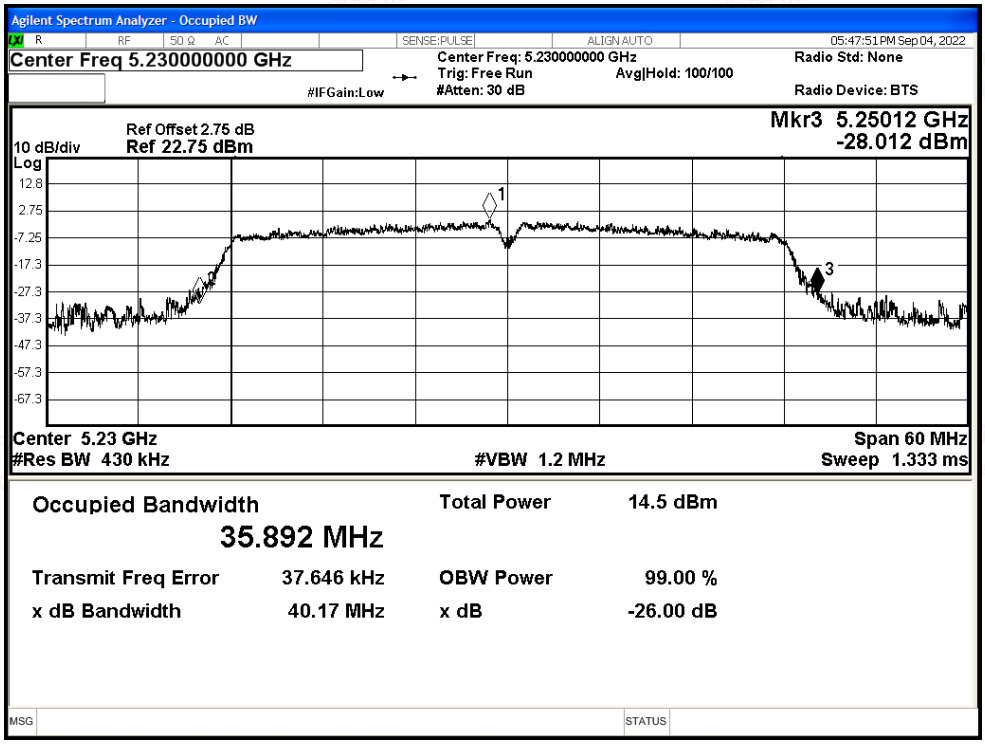
-26dB Bandwidth NVNT n20 5240MHz Ant0



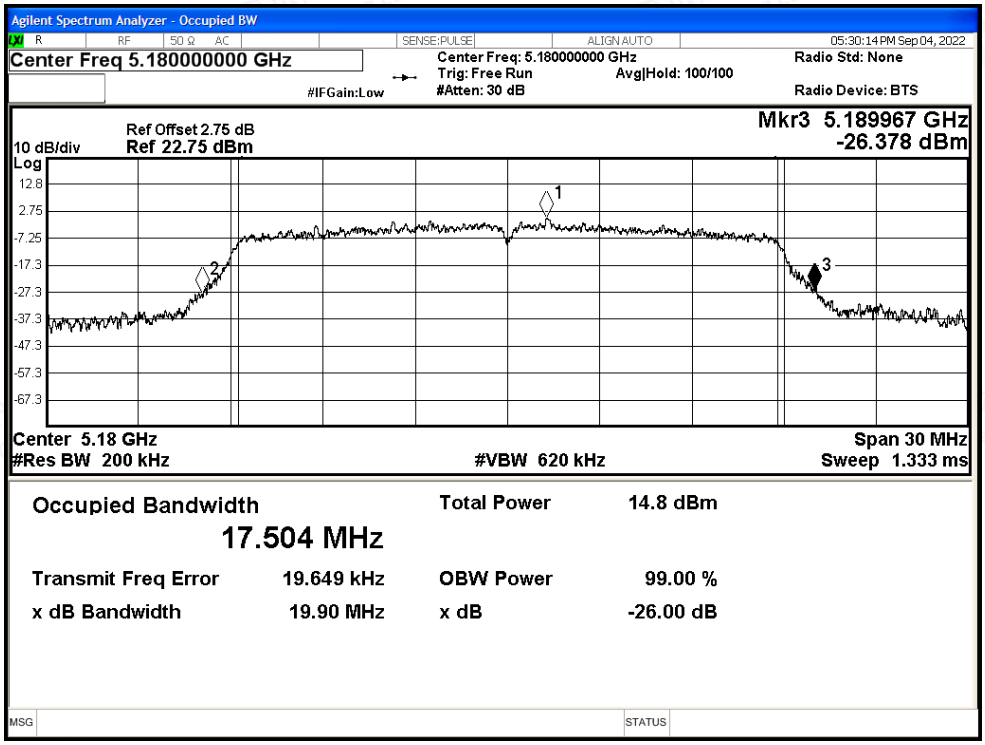
-26dB Bandwidth NVNT n40 5190MHz Ant0



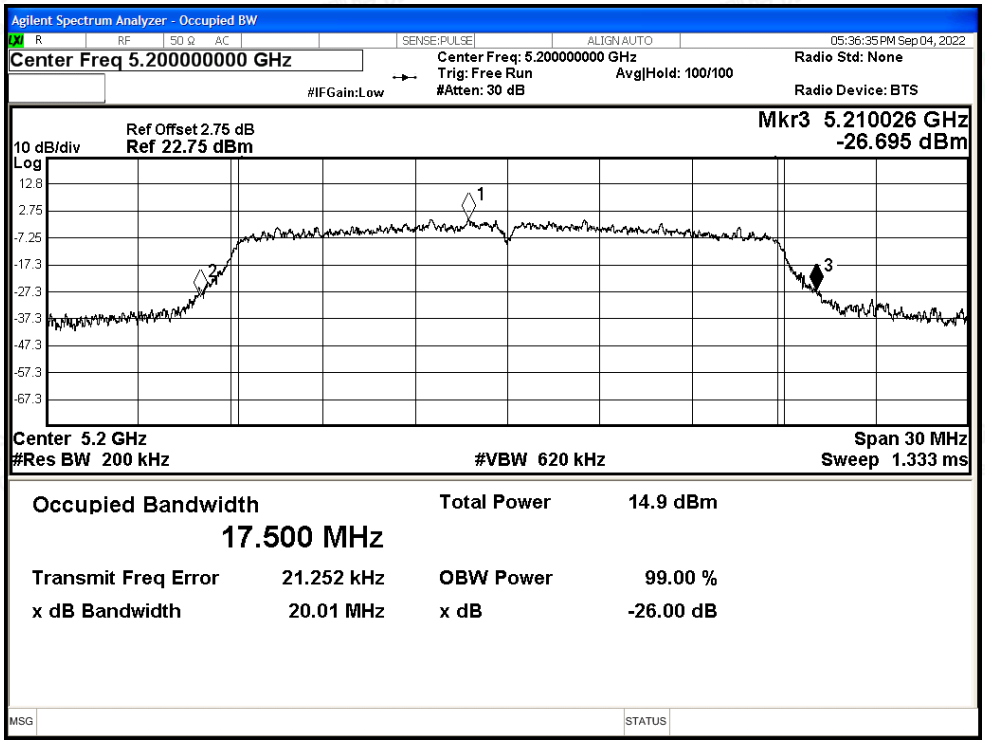
-26dB Bandwidth NVNT n40 5230MHz Ant0



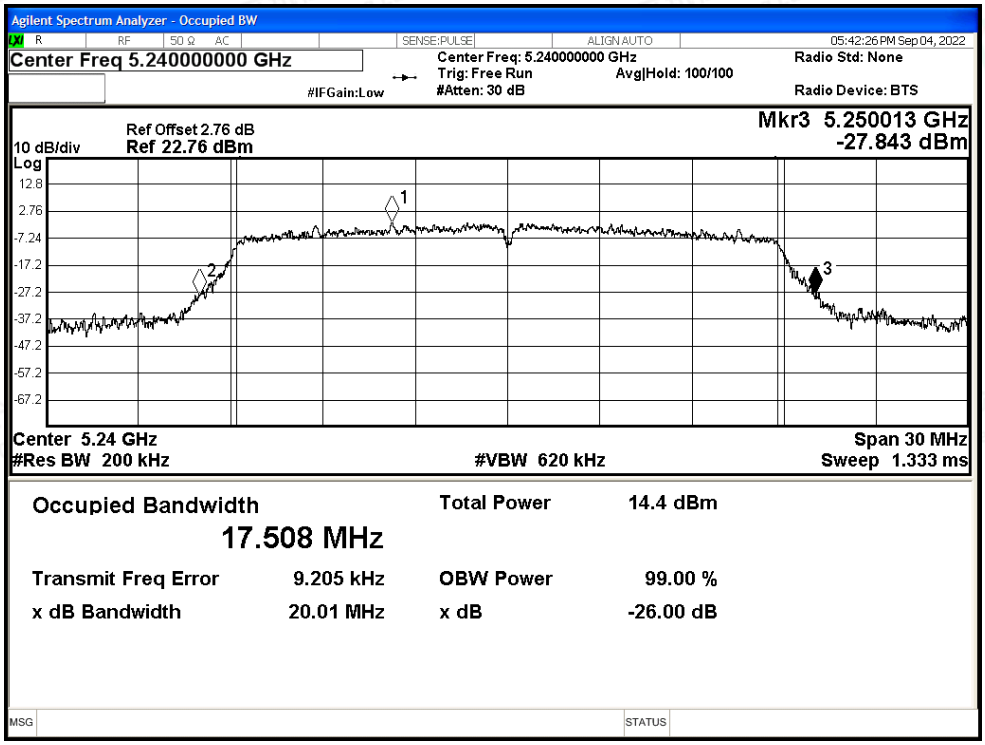
-26dB Bandwidth NVNT ac20 5180MHz Ant0



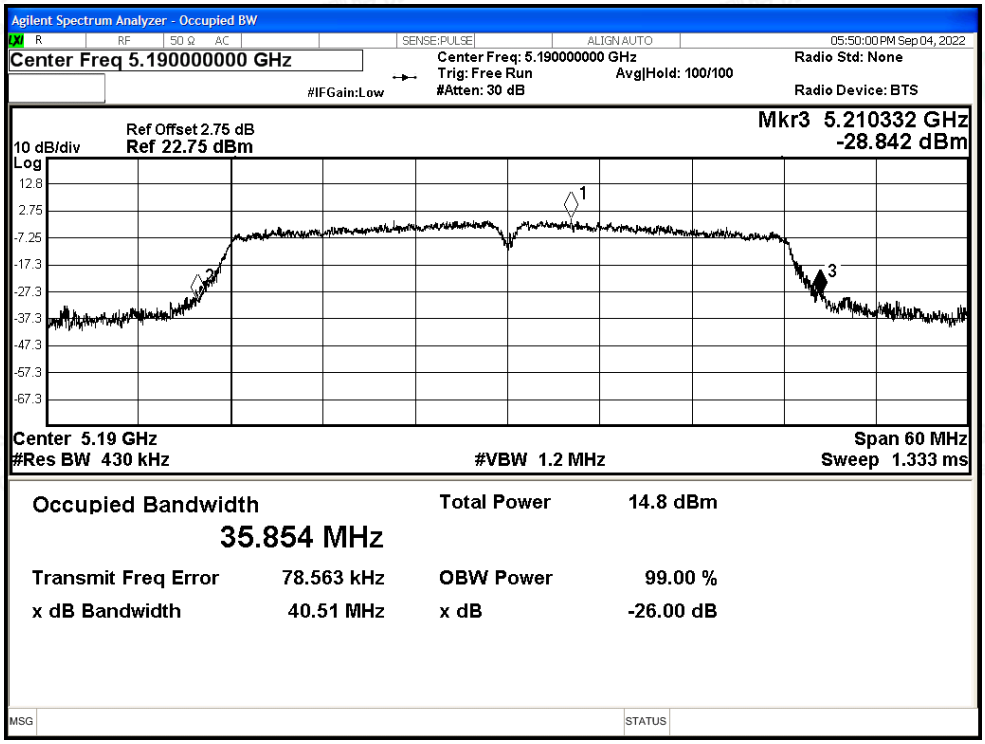
-26dB Bandwidth NVNT ac20 5200MHz Ant0



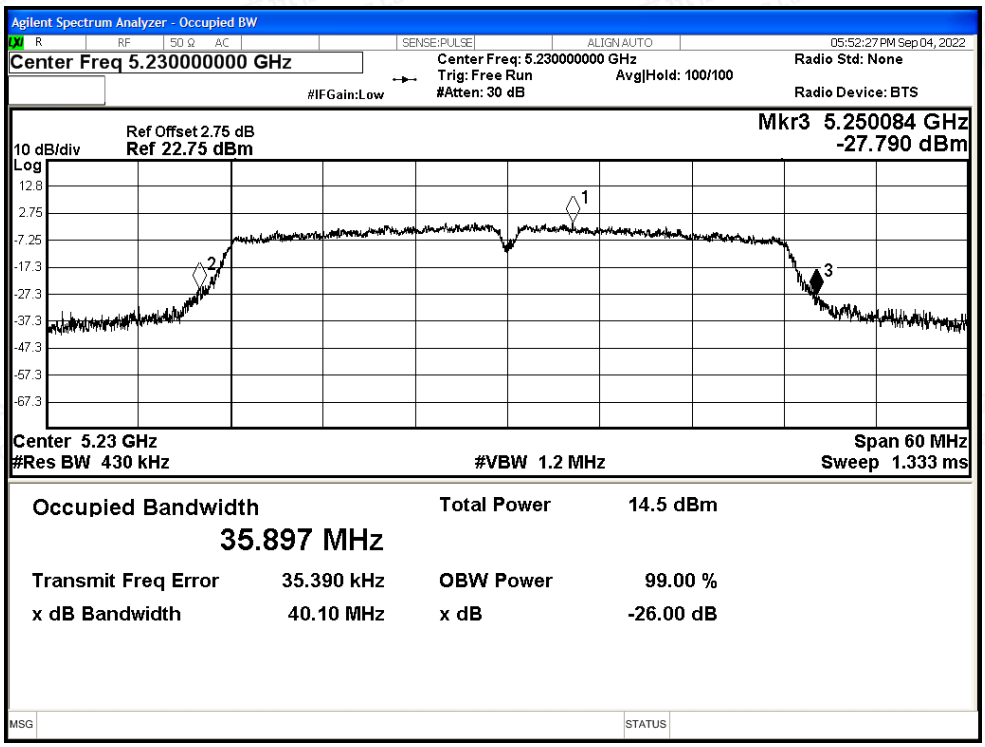
-26dB Bandwidth NVNT ac20 5240MHz Ant0



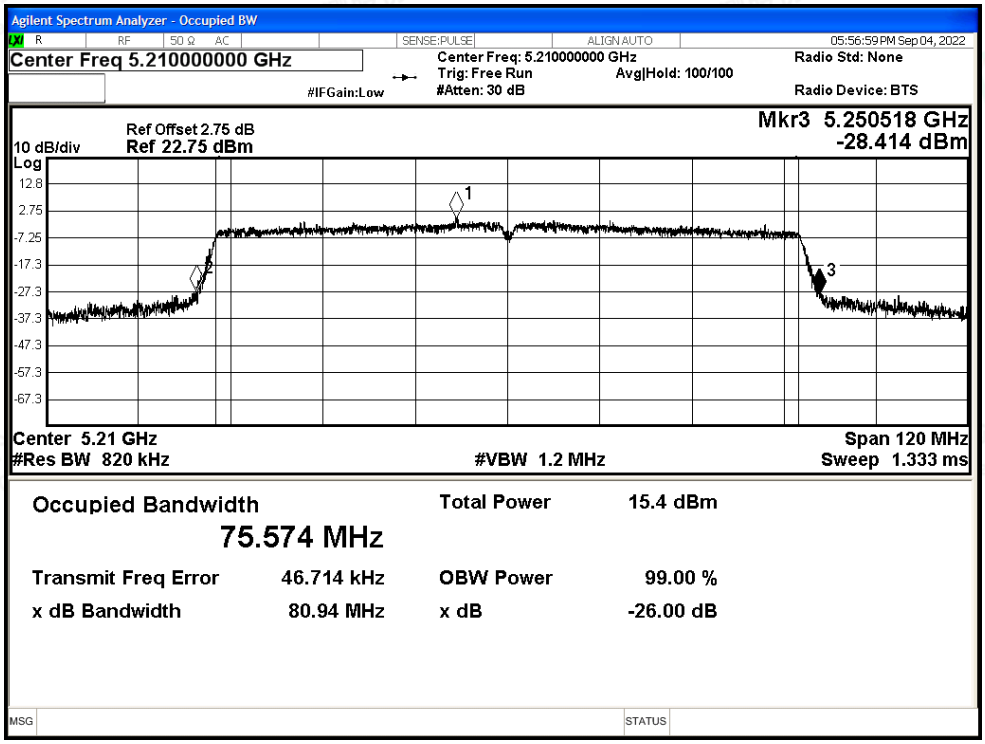
-26dB Bandwidth NVNT ac40 5190MHz Ant0



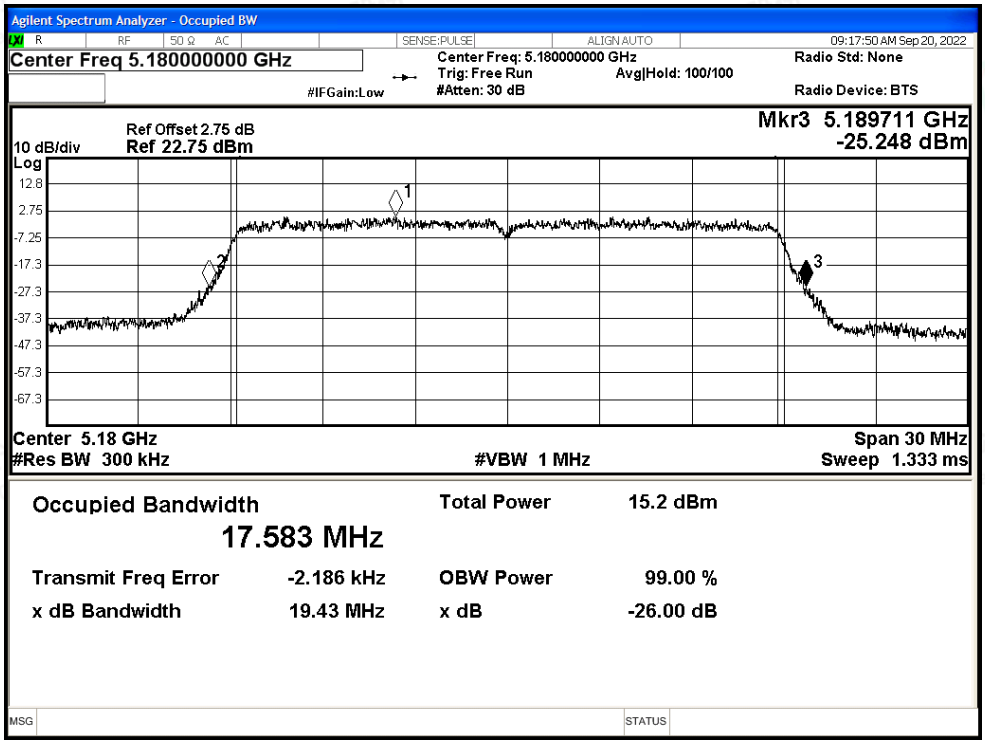
-26dB Bandwidth NVNT ac40 5230MHz Ant0



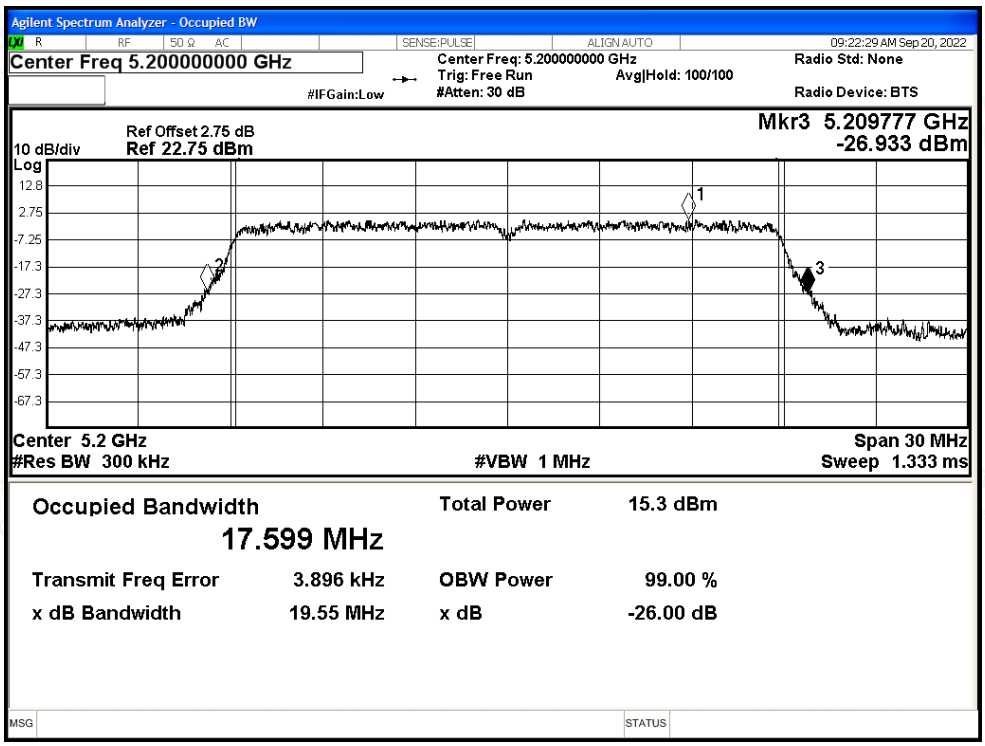
-26dB Bandwidth NVNT ac80 5210MHz Ant0



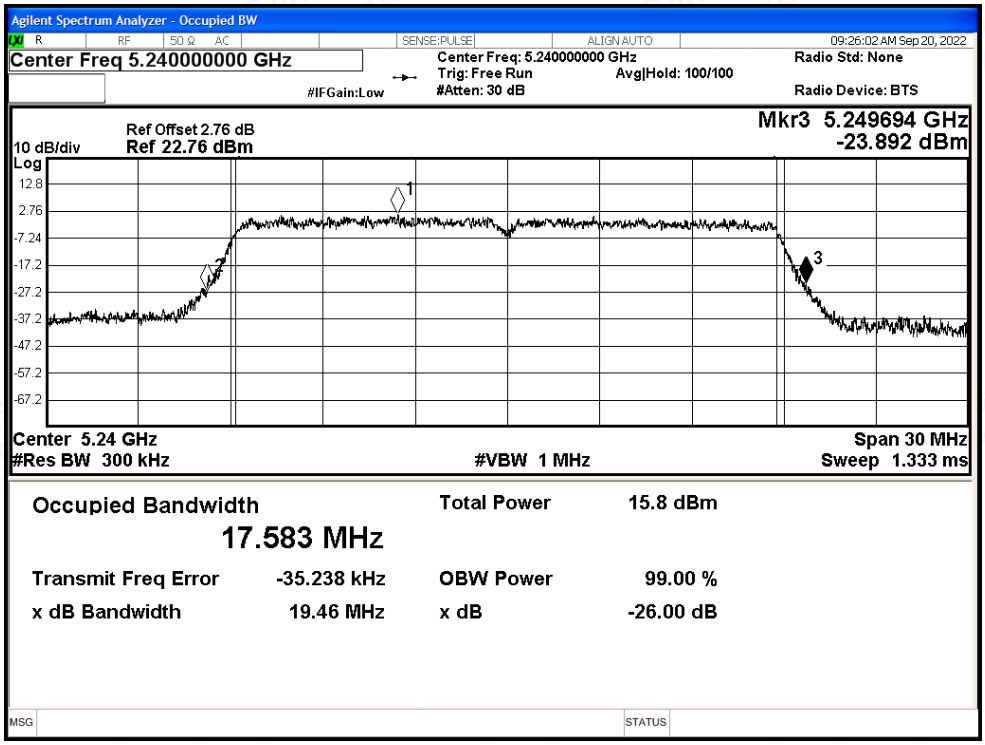
-26dB Bandwidth NVNT ax20 5180MHz Ant0



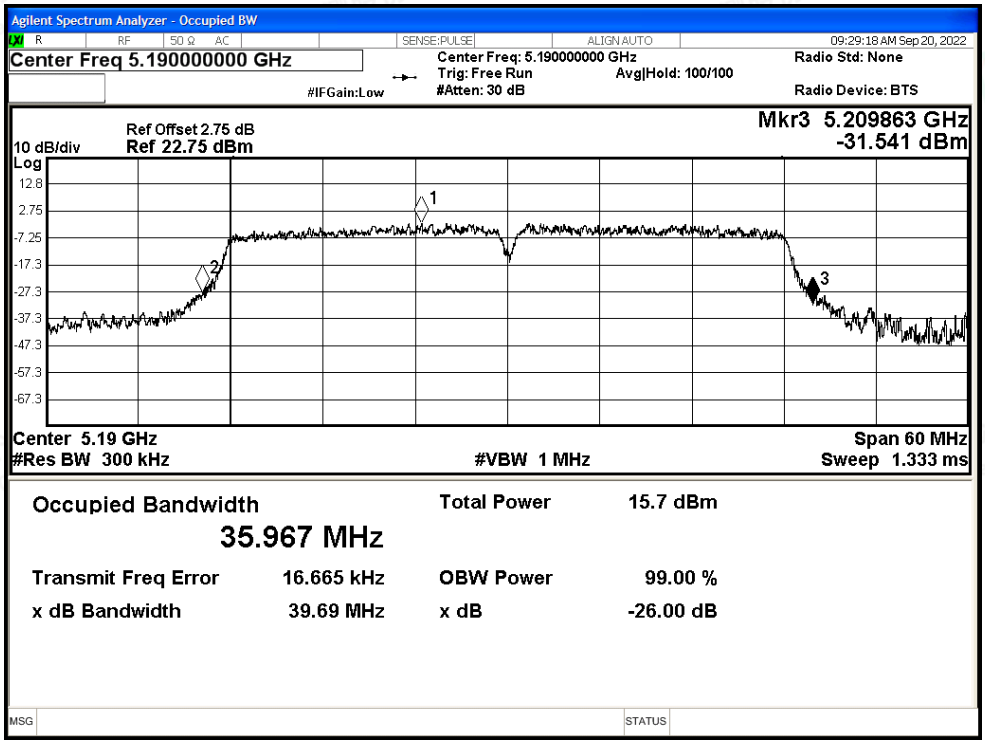
-26dB Bandwidth NVNT ax20 5200MHz Ant0



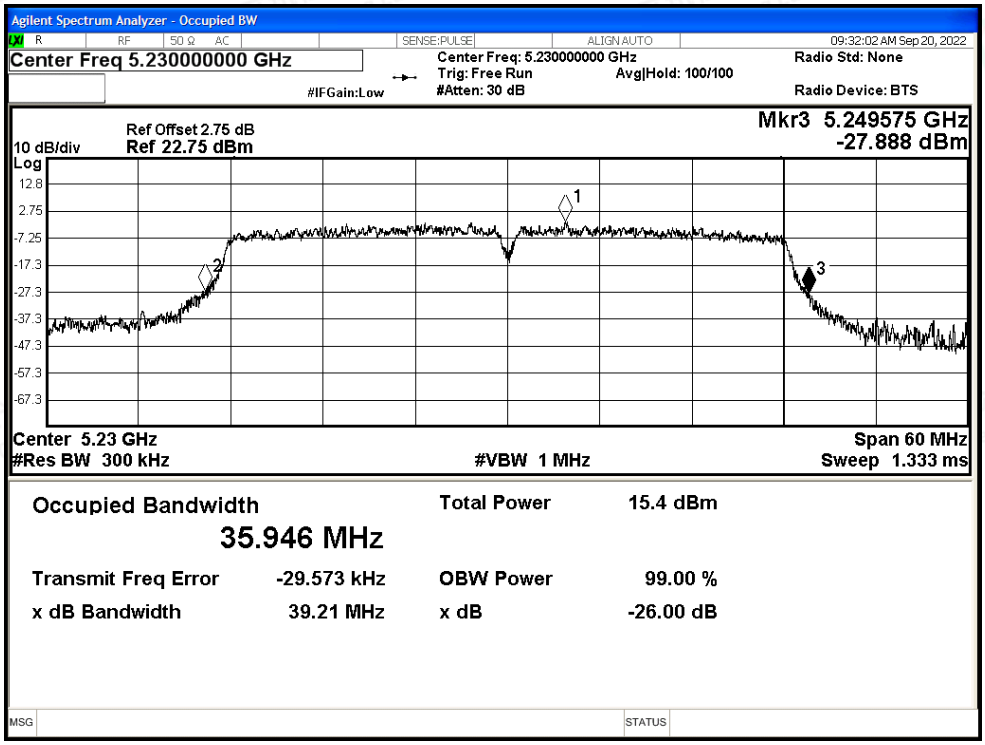
-26dB Bandwidth NVNT ax20 5240MHz Ant0



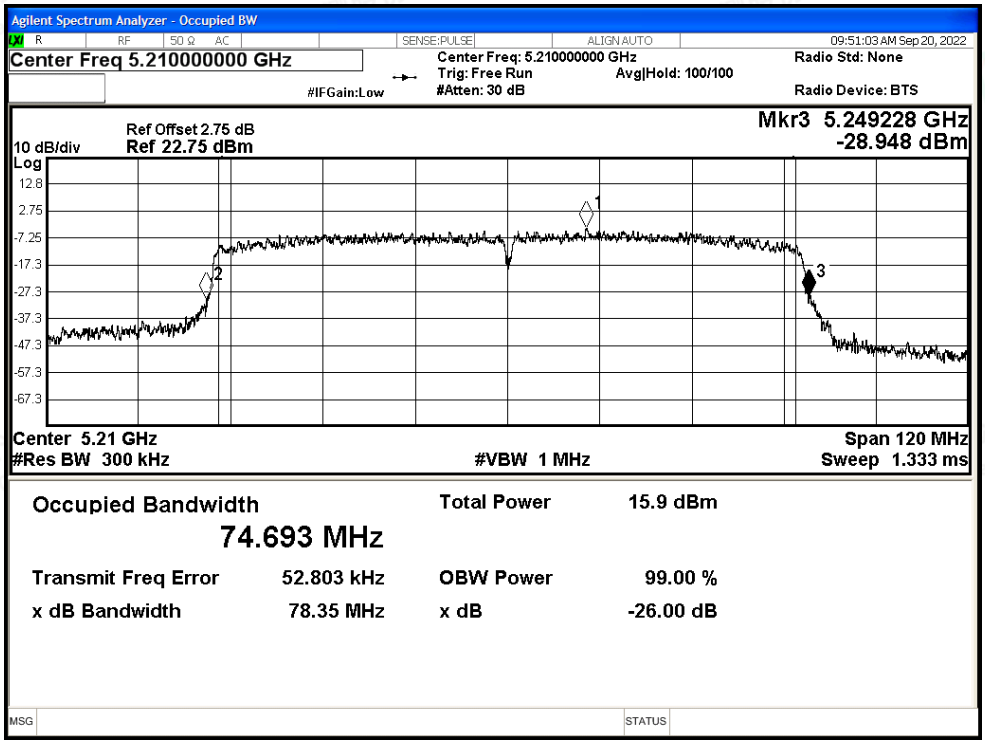
-26dB Bandwidth NVNT ax40 5190MHz Ant0



-26dB Bandwidth NVNT ax40 5230MHz Ant0



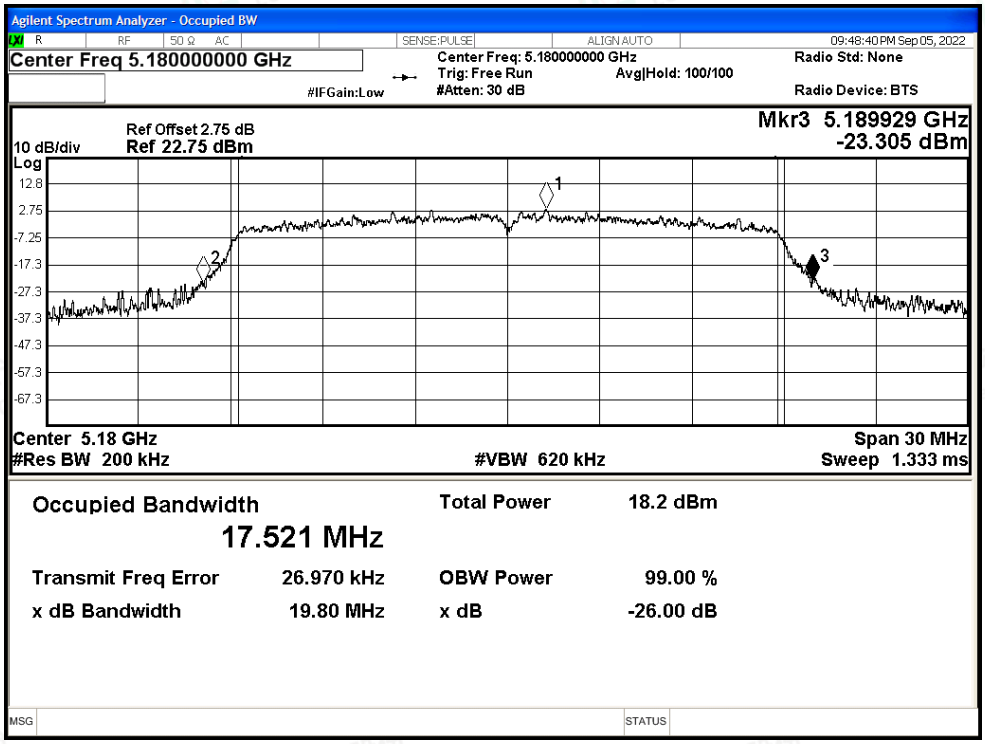
-26dB Bandwidth NVNT ax80 5210MHz Ant0



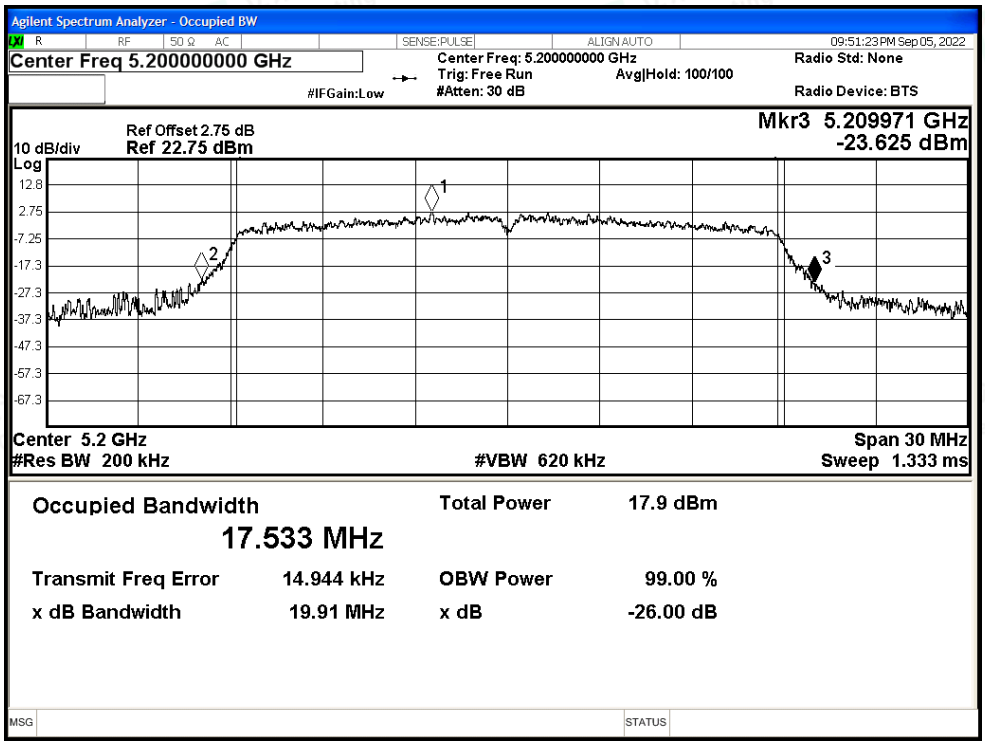
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.805	>=0.5	Pass
NVNT	a	5200	Ant1	19.911	>=0.5	Pass
NVNT	a	5240	Ant1	19.697	>=0.5	Pass
NVNT	n20	5180	Ant1	19.706	>=0.5	Pass
NVNT	n20	5200	Ant1	19.942	>=0.5	Pass
NVNT	n20	5240	Ant1	20.569	>=0.5	Pass
NVNT	n40	5190	Ant1	40.682	>=0.5	Pass
NVNT	n40	5230	Ant1	45.375	>=0.5	Pass
NVNT	ac20	5180	Ant1	19.806	>=0.5	Pass
NVNT	ac20	5200	Ant1	19.953	>=0.5	Pass
NVNT	ac20	5240	Ant1	19.773	>=0.5	Pass
NVNT	ac40	5190	Ant1	40.234	>=0.5	Pass
NVNT	ac40	5230	Ant1	39.946	>=0.5	Pass
NVNT	ac80	5210	Ant1	81.345	>=0.5	Pass
NVNT	ax20	5180	Ant1	19.653	>=0.5	Pass
NVNT	ax20	5200	Ant1	19.586	>=0.5	Pass
NVNT	ax20	5240	Ant1	19.544	>=0.5	Pass
NVNT	ax40	5190	Ant1	39.606	>=0.5	Pass
NVNT	ax40	5230	Ant1	39.203	>=0.5	Pass
NVNT	ax80	5210	Ant1	78.649	>=0.5	Pass

Test Graphs

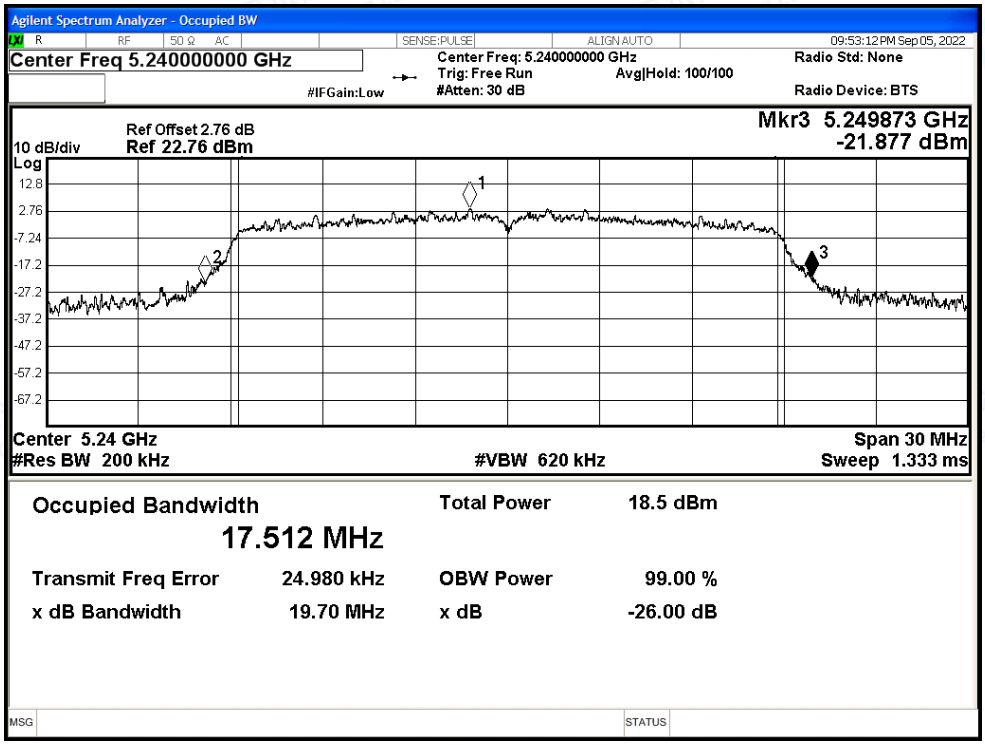
-26dB Bandwidth NVNT a 5180MHz Ant1



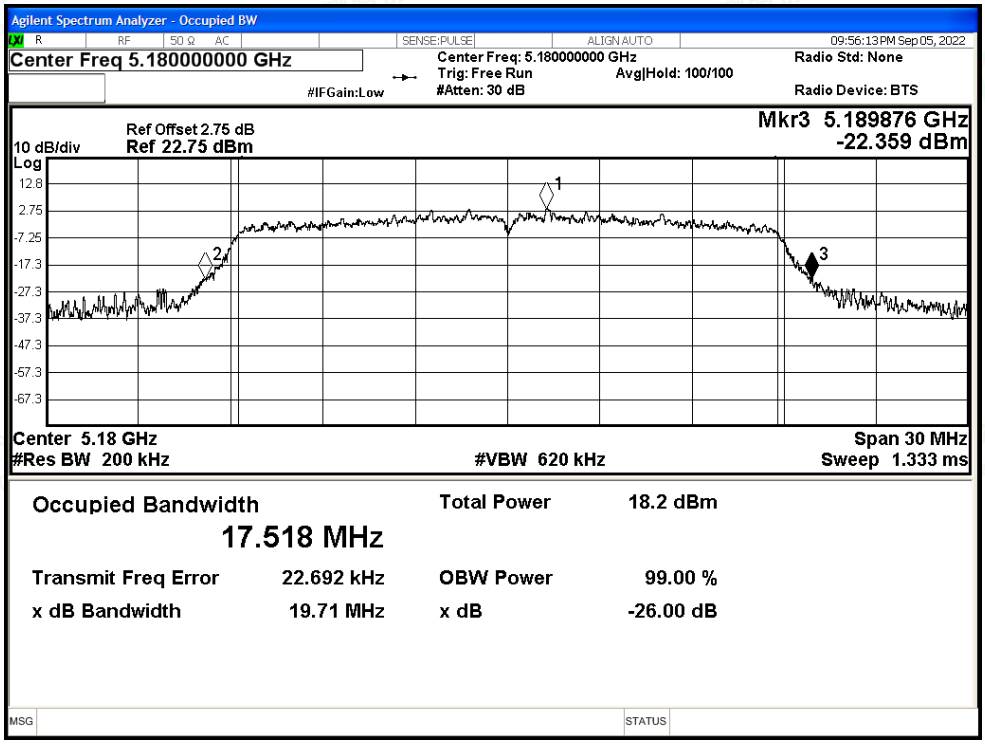
-26dB Bandwidth NVNT a 5200MHz Ant1



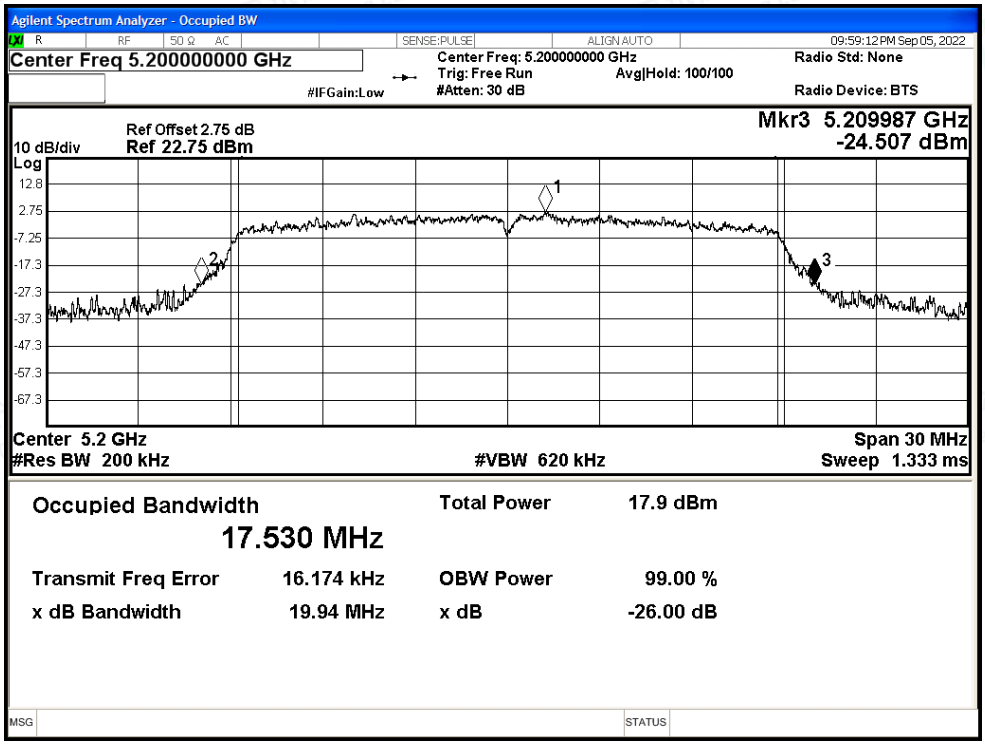
-26dB Bandwidth NVNT a 5240MHz Ant1



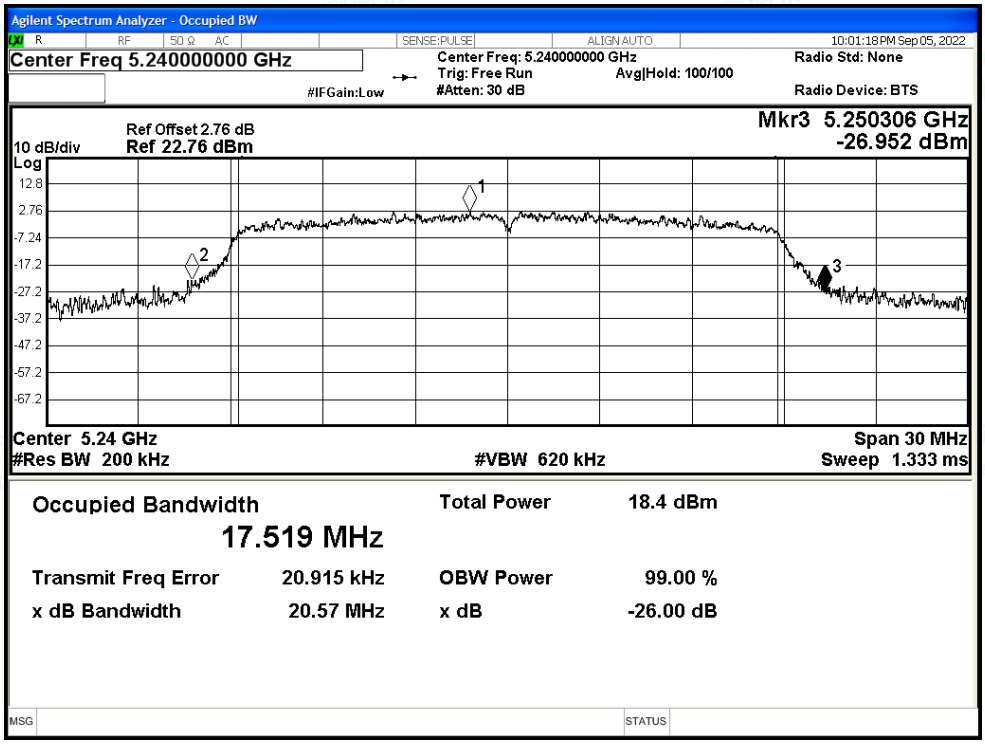
-26dB Bandwidth NVNT n20 5180MHz Ant1



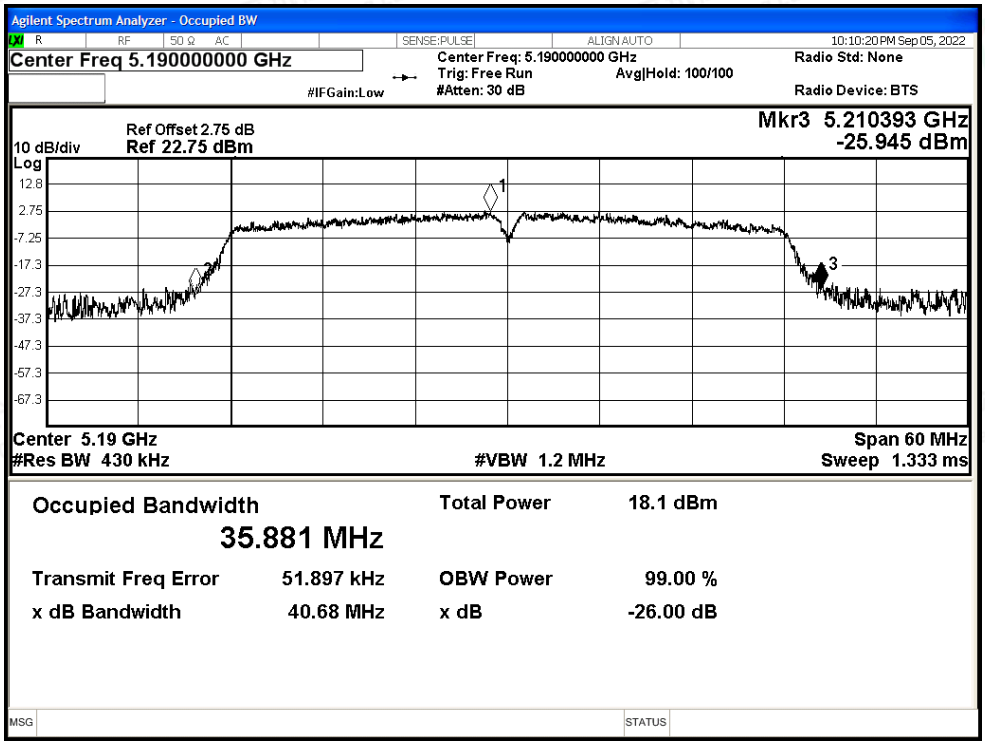
-26dB Bandwidth NVNT n20 5200MHz Ant1



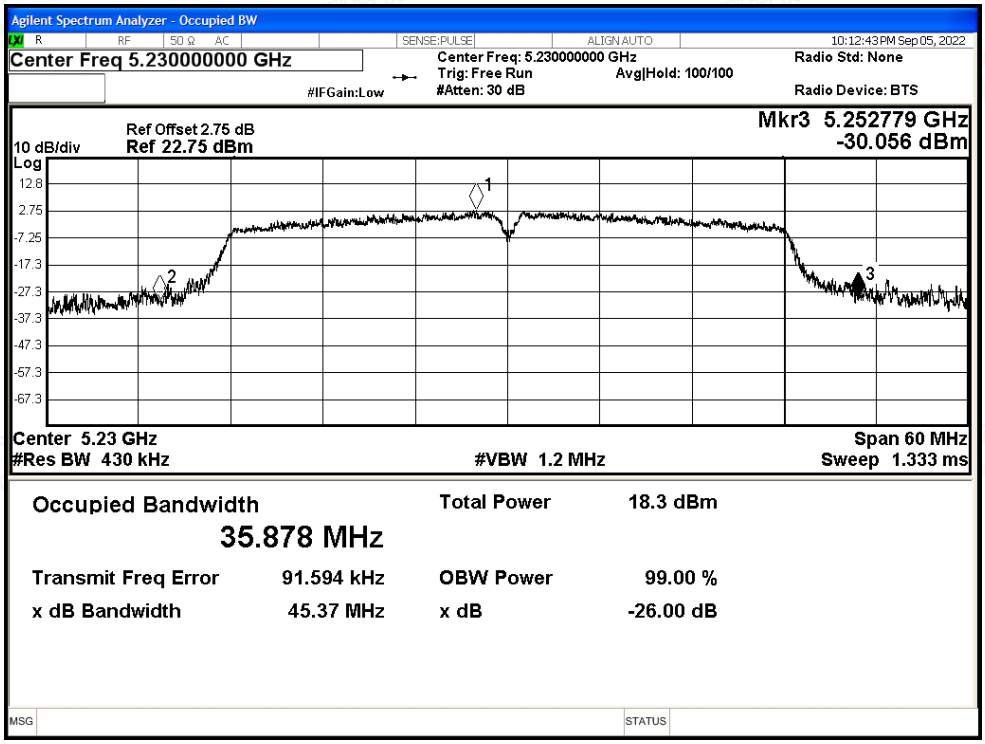
-26dB Bandwidth NVNT n20 5240MHz Ant1



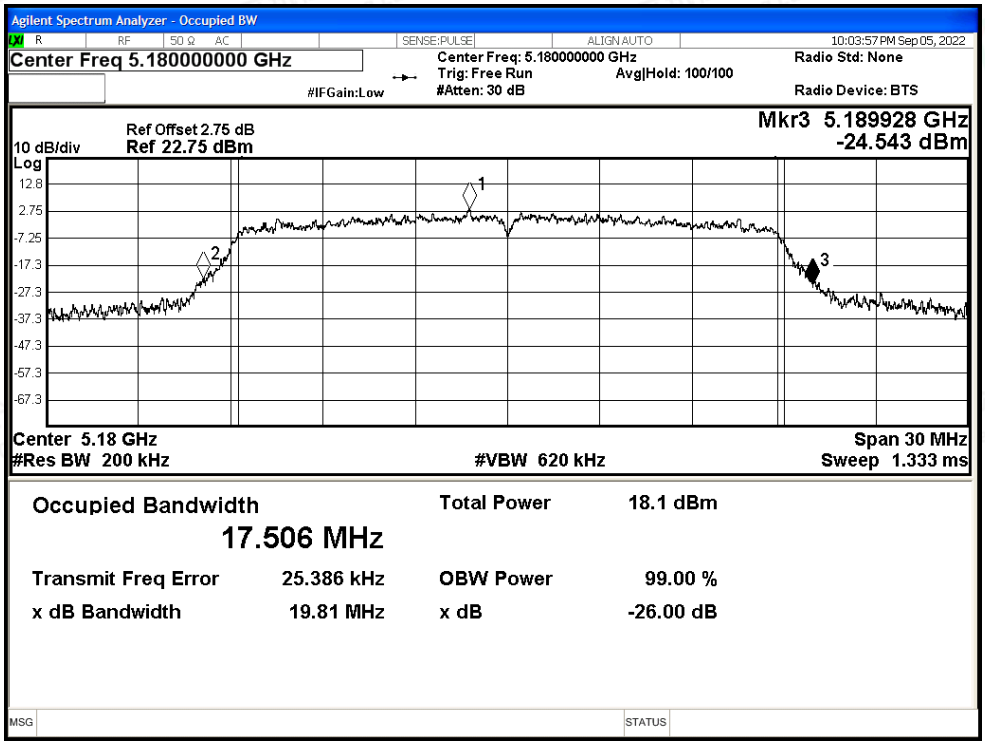
-26dB Bandwidth NVNT n40 5190MHz Ant1



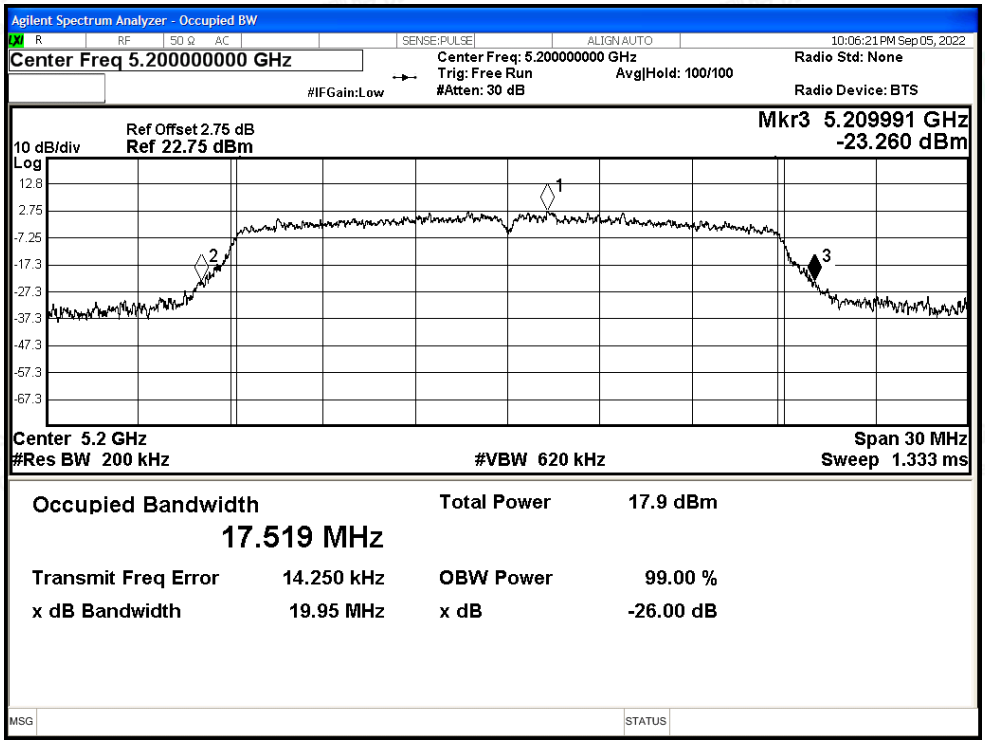
-26dB Bandwidth NVNT n40 5230MHz Ant1



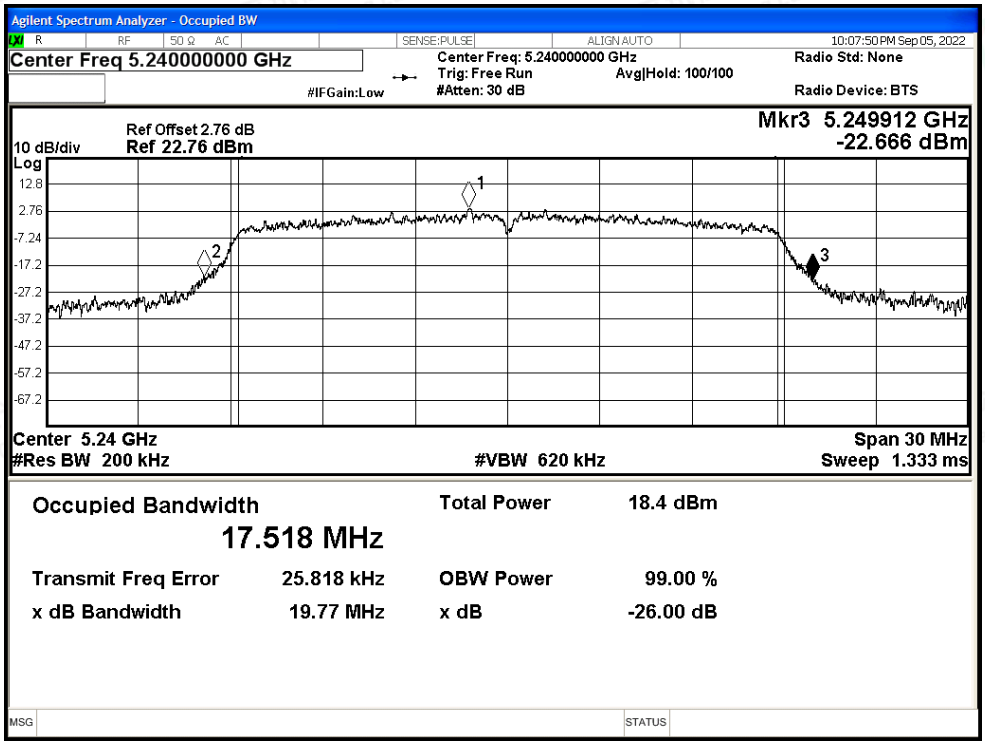
-26dB Bandwidth NVNT ac20 5180MHz Ant1



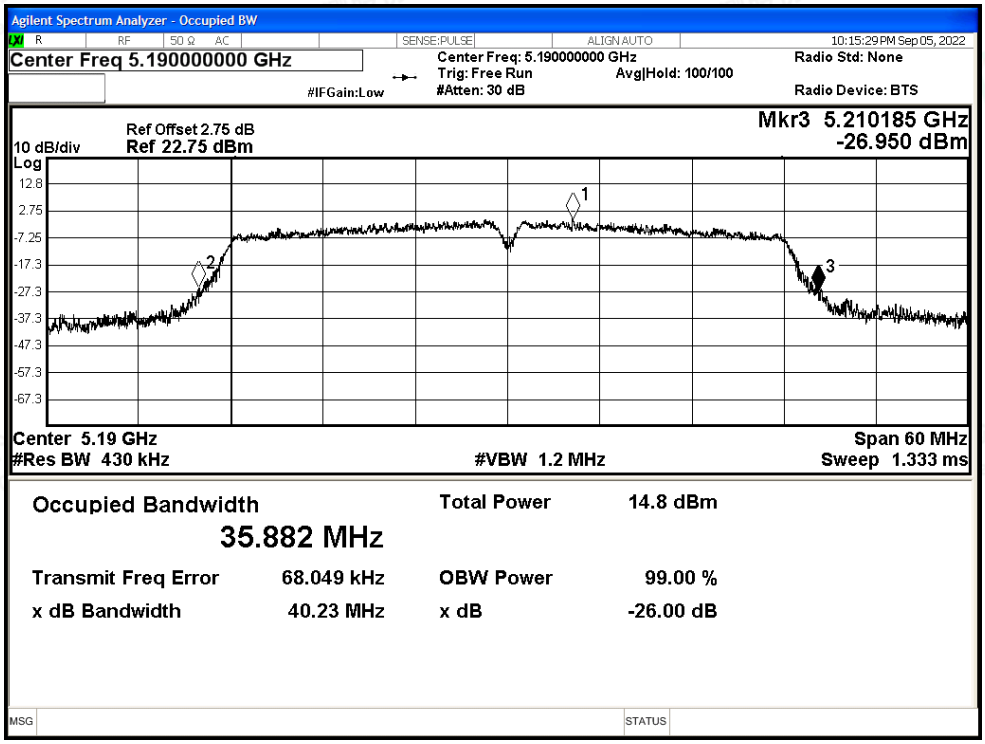
-26dB Bandwidth NVNT ac20 5200MHz Ant1



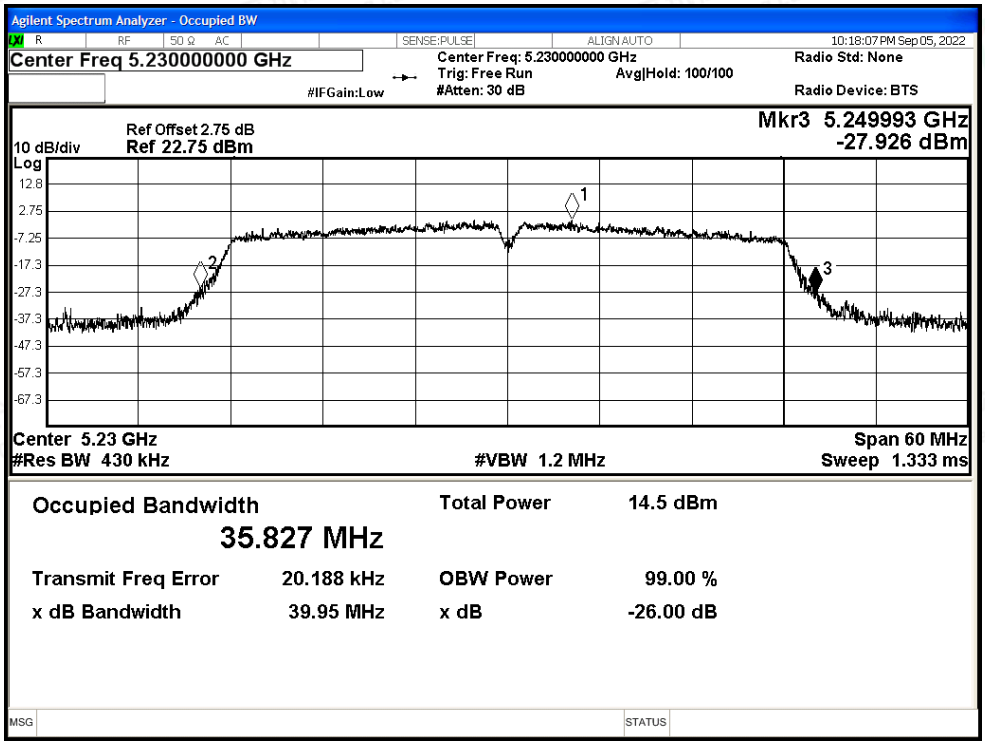
-26dB Bandwidth NVNT ac20 5240MHz Ant1



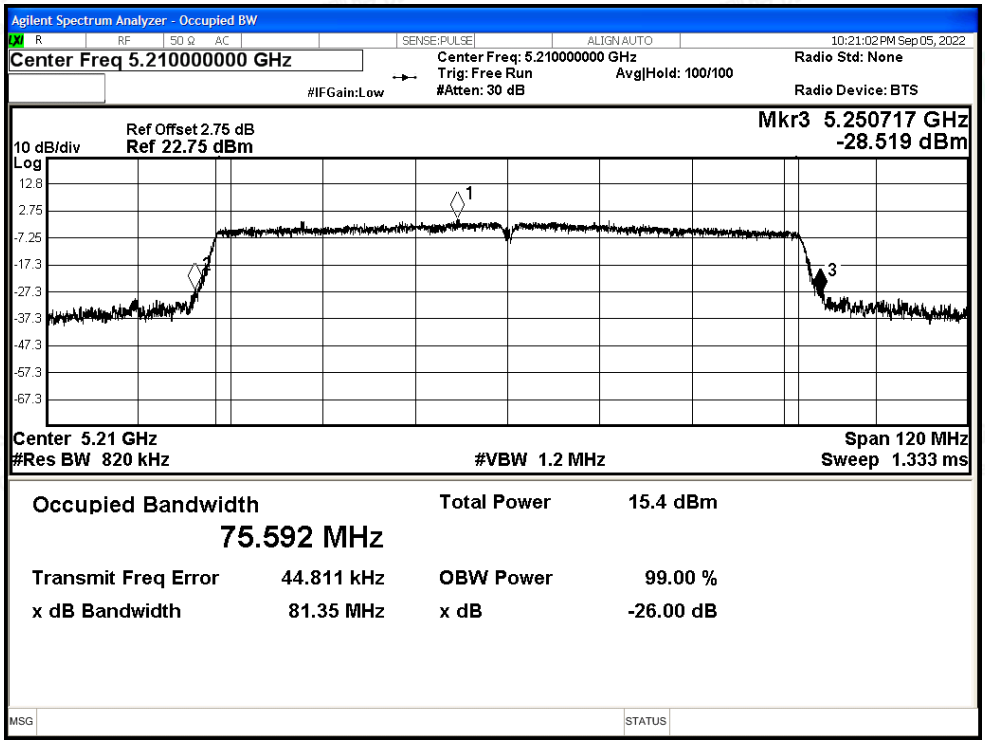
-26dB Bandwidth NVNT ac40 5190MHz Ant1



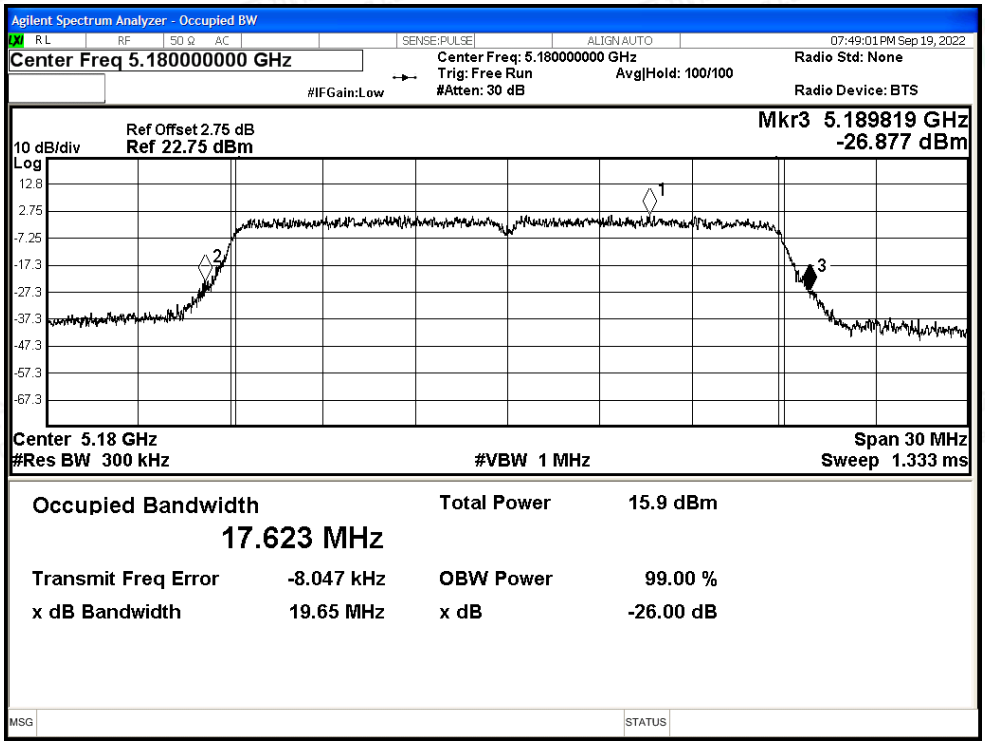
-26dB Bandwidth NVNT ac40 5230MHz Ant1



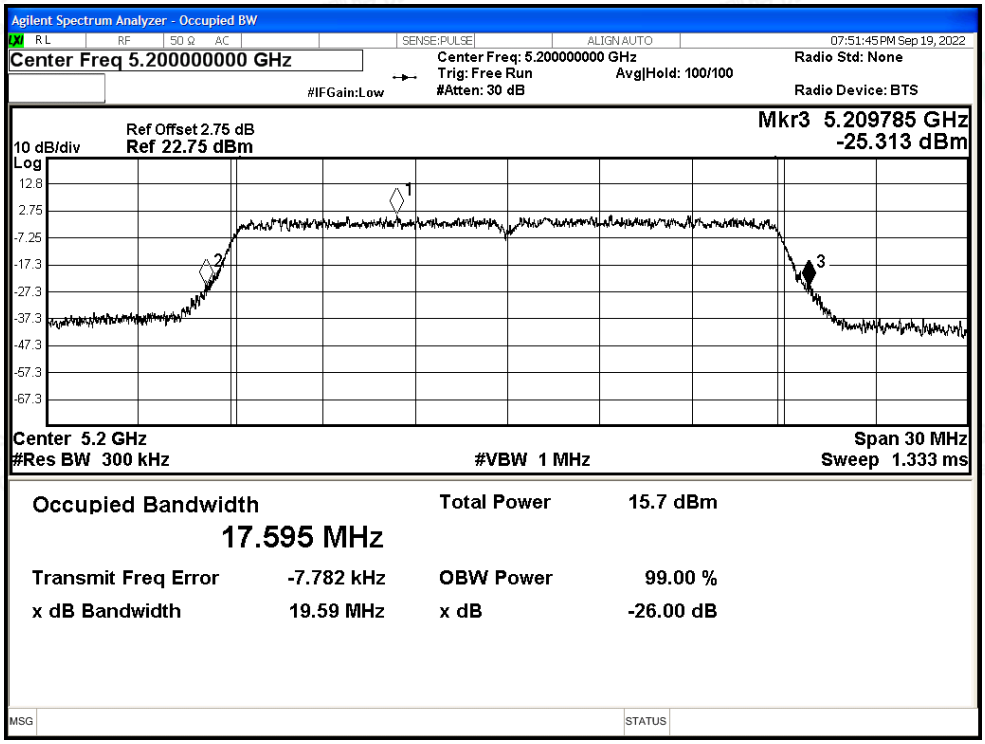
-26dB Bandwidth NVNT ac80 5210MHz Ant1



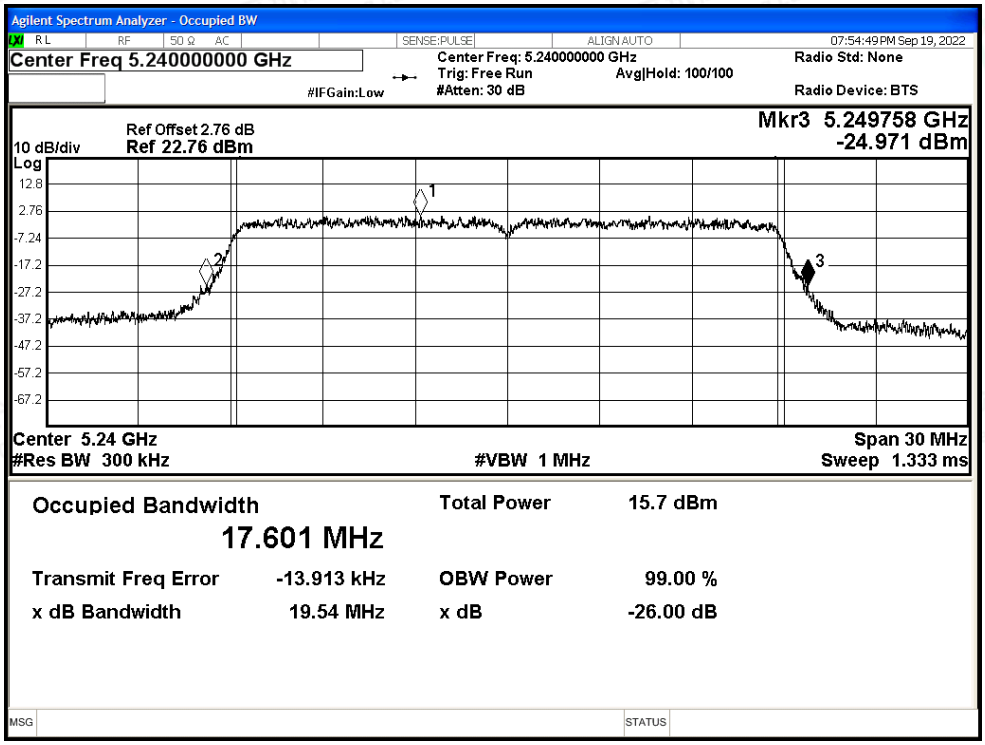
-26dB Bandwidth NVNT ax20 5180MHz Ant1



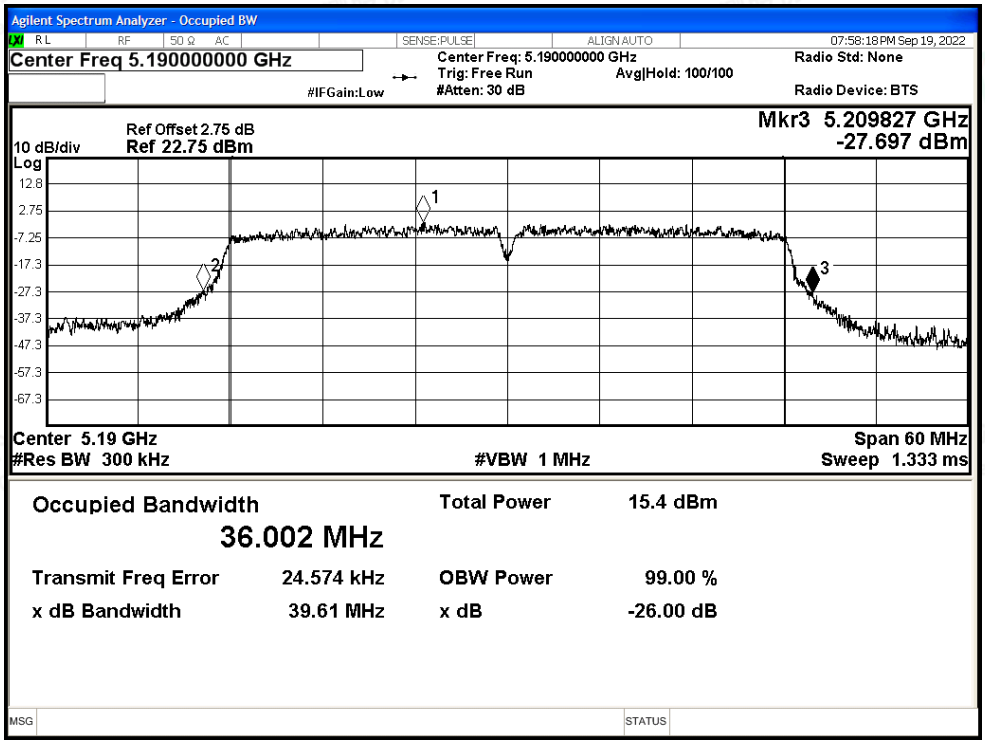
-26dB Bandwidth NVNT ax20 5200MHz Ant1



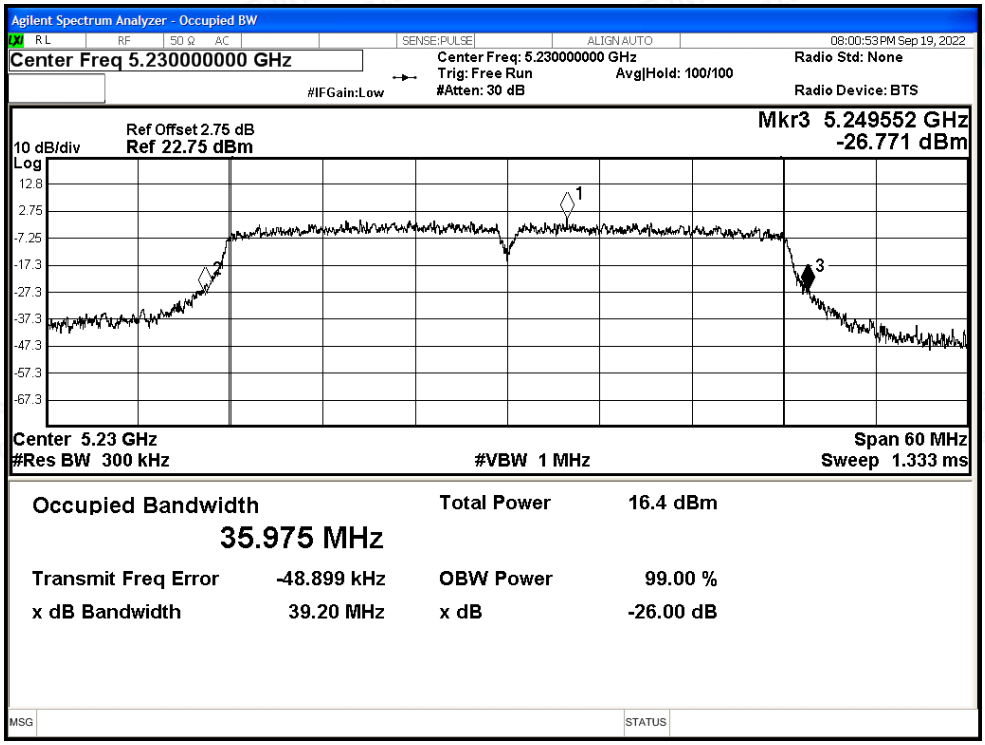
-26dB Bandwidth NVNT ax20 5240MHz Ant1



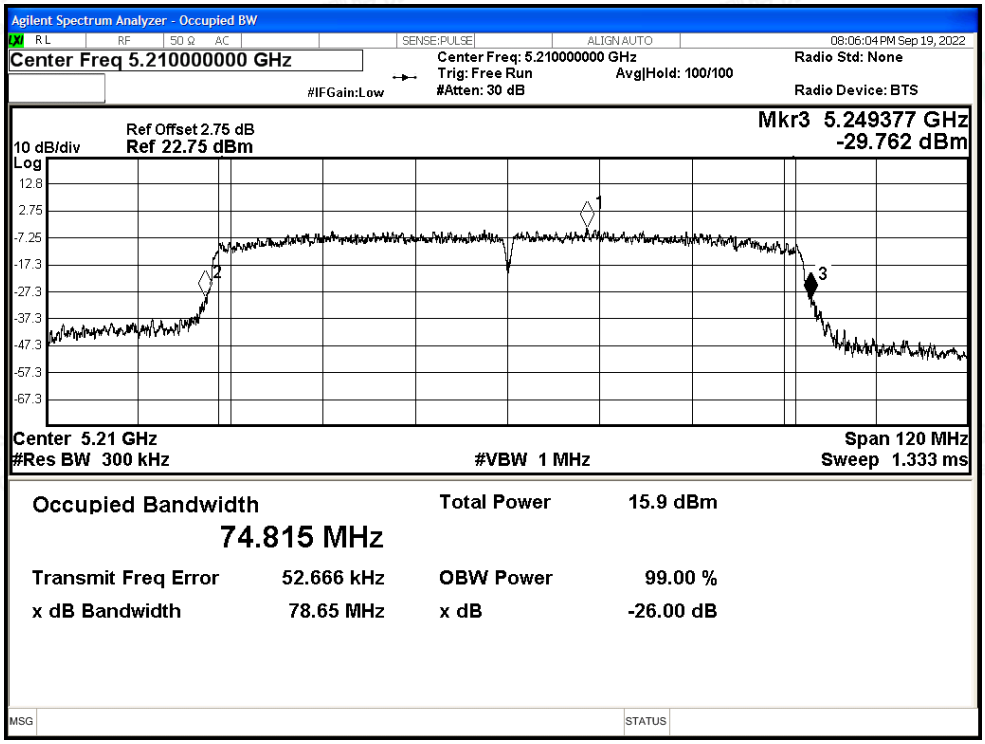
-26dB Bandwidth NVNT ax40 5190MHz Ant1



-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	Ant0	8.23	0.14	8.37	24	Pass
NVNT	a	5200	Ant0	8.2	0.13	8.33	24	Pass
NVNT	a	5240	Ant0	7.84	0.13	7.97	24	Pass
NVNT	n20	5180	Ant0	8.21	0.14	8.35	24	Pass
NVNT	n20	5200	Ant0	8.12	0.14	8.26	24	Pass
NVNT	n20	5240	Ant0	6.74	0.15	6.89	24	Pass
NVNT	n40	5190	Ant0	9.01	0.29	9.3	24	Pass
NVNT	n40	5230	Ant0	8.63	0.28	8.91	24	Pass
NVNT	ac20	5180	Ant0	9.27	0.15	9.42	24	Pass
NVNT	ac20	5200	Ant0	9.25	0.14	9.39	24	Pass
NVNT	ac20	5240	Ant0	8.86	0.15	9.01	24	Pass
NVNT	ac40	5190	Ant0	9.04	0.28	9.32	24	Pass
NVNT	ac40	5230	Ant0	8.64	0.28	8.92	24	Pass
NVNT	ac80	5210	Ant0	8.56	0.55	9.11	24	Pass
NVNT	ax20	5180	Ant0	9.24	0.14	9.38	24	Pass
NVNT	ax20	5200	Ant0	8.18	0.14	8.32	24	Pass
NVNT	ax20	5240	Ant0	7.63	0.15	7.78	24	Pass
NVNT	ax40	5190	Ant0	7.07	0.28	7.35	24	Pass
NVNT	ax40	5230	Ant0	5.15	0.28	5.43	24	Pass
NVNT	ax80	5210	Ant0	7.35	0.55	7.9	24	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	9.3	0.13	9.43	24	Pass
NVNT	a	5200	Ant1	9.33	0.13	9.46	24	Pass
NVNT	a	5240	Ant1	8.9	0.14	9.04	24	Pass
NVNT	n20	5180	Ant1	9.35	0.15	9.5	24	Pass
NVNT	n20	5200	Ant1	9.33	0.14	9.47	24	Pass
NVNT	n20	5240	Ant1	8.89	0.15	9.04	24	Pass
NVNT	n40	5190	Ant1	9.06	0.29	9.35	24	Pass
NVNT	n40	5230	Ant1	8.71	0.28	8.99	24	Pass
NVNT	ac20	5180	Ant1	9.28	0.15	9.43	24	Pass
NVNT	ac20	5200	Ant1	9.32	0.14	9.46	24	Pass
NVNT	ac20	5240	Ant1	8.88	0.14	9.02	24	Pass
NVNT	ac40	5190	Ant1	8.99	0.28	9.27	24	Pass
NVNT	ac40	5230	Ant1	8.6	0.28	8.88	24	Pass
NVNT	ac80	5210	Ant1	8.61	0.55	9.16	24	Pass
NVNT	ax20	5180	Ant1	10.79	0.14	10.93	24	Pass
NVNT	ax20	5200	Ant1	10.62	0.14	10.76	24	Pass
NVNT	ax20	5240	Ant1	10.33	0.15	10.48	24	Pass
NVNT	ax40	5190	Ant1	9.63	0.28	9.91	24	Pass
NVNT	ax40	5230	Ant1	10.88	0	10.88	24	Pass
NVNT	ax80	5210	Ant1	10.37	0.55	10.92	24	Pass

MIMO

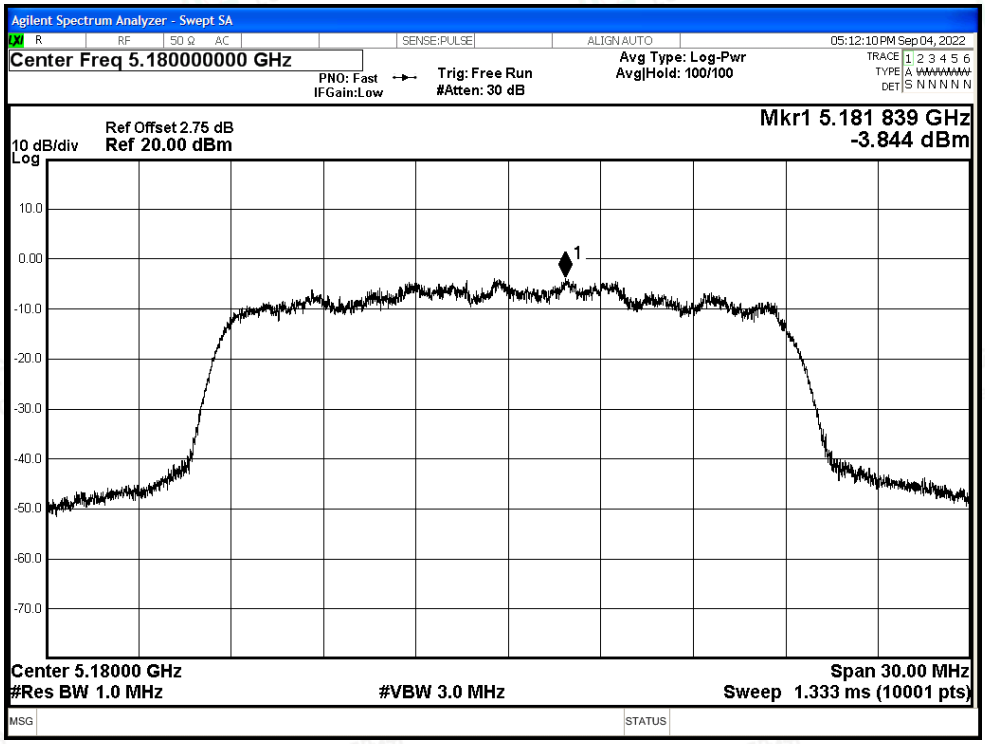
Condition	Mode	Frequency (MHz)	Total Power (dBm)			Limit (dBm)	Verdict
			Ant0	Ant1	Ant0+Ant1		
NVNT	n20	5180	8.35	9.5	11.97	24	Pass
NVNT	n20	5200	8.26	9.47	11.92	24	Pass
NVNT	n20	5240	6.89	9.04	11.11	24	Pass
NVNT	n40	5190	9.3	9.35	12.34	24	Pass
NVNT	n40	5230	8.91	8.99	11.96	24	Pass
NVNT	ac20	5180	9.42	9.43	12.44	24	Pass
NVNT	ac20	5200	9.39	9.46	12.44	24	Pass
NVNT	ac20	5240	9.01	9.02	12.03	24	Pass
NVNT	ac40	5190	9.32	9.27	12.31	24	Pass
NVNT	ac40	5230	8.92	8.88	11.91	24	Pass
NVNT	ac80	5210	9.11	9.16	12.15	24	Pass
NVNT	ax20	5180	9.38	10.93	13.23	24	Pass
NVNT	ax20	5200	8.32	10.76	12.72	24	Pass
NVNT	ax20	5240	7.78	10.48	12.35	24	Pass
NVNT	ax40	5190	7.35	9.91	11.83	24	Pass
NVNT	ax40	5230	5.43	10.88	11.97	24	Pass
NVNT	ax80	5210	7.9	10.92	12.68	24	Pass

D.3 Maximum Power Spectral Density Level

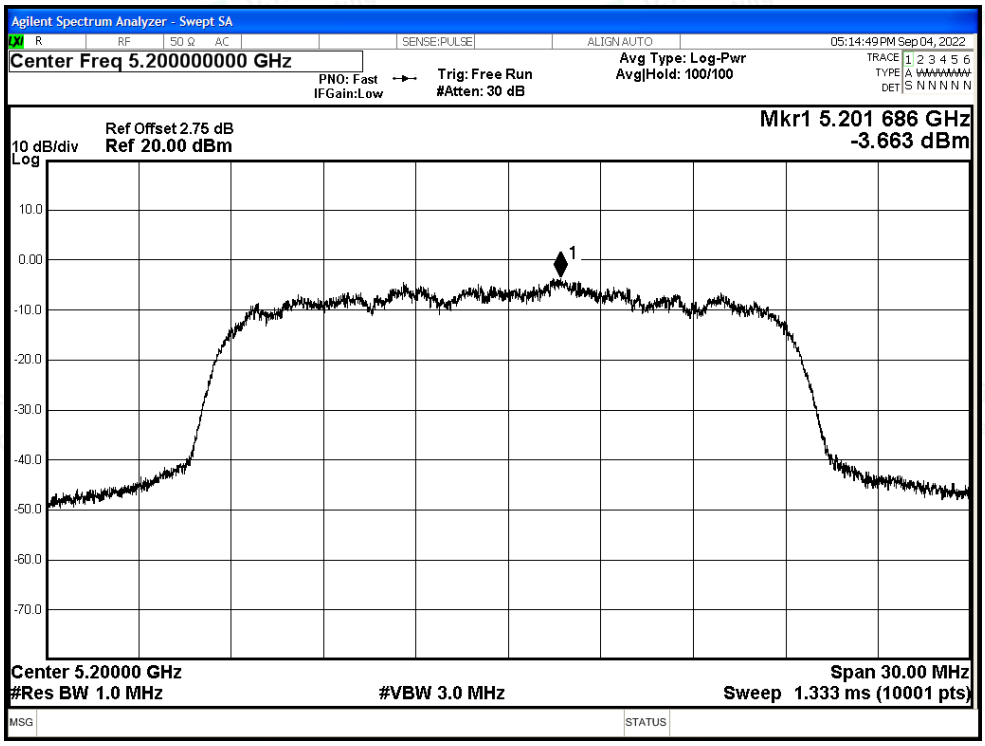
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant0	-3.84	0.14	-3.7	11	Pass
NVNT	a	5200	Ant0	-3.66	0.13	-3.53	11	Pass
NVNT	a	5240	Ant0	-3.88	0.13	-3.75	11	Pass
NVNT	n20	5180	Ant0	-4.42	0.14	-4.28	11	Pass
NVNT	n20	5200	Ant0	-4.73	0.14	-4.59	11	Pass
NVNT	n20	5240	Ant0	-2.68	0.15	-2.53	11	Pass
NVNT	n40	5190	Ant0	-6.82	0.29	-6.53	11	Pass
NVNT	n40	5230	Ant0	-7.36	0.28	-7.08	11	Pass
NVNT	ac20	5180	Ant0	-2.15	0.15	-2.00	11	Pass
NVNT	ac20	5200	Ant0	-3.39	0.14	-3.25	11	Pass
NVNT	ac20	5240	Ant0	-3.58	0.15	-3.43	11	Pass
NVNT	ac40	5190	Ant0	-6.99	0.28	-6.71	11	Pass
NVNT	ac40	5230	Ant0	-7.15	0.28	-6.87	11	Pass
NVNT	ac80	5210	Ant0	-11.4	0.55	-10.85	11	Pass
NVNT	ax20	5180	Ant0	-20.68	0.14	-20.54	11	Pass
NVNT	ax20	5200	Ant0	-17.2	0.14	-17.06	11	Pass
NVNT	ax20	5240	Ant0	-19.08	0.15	-18.93	11	Pass
NVNT	ax40	5190	Ant0	-31.22	0.28	-30.94	11	Pass
NVNT	ax40	5230	Ant0	-30.43	0.28	-30.15	11	Pass
NVNT	ax80	5210	Ant0	-40.16	0.55	-39.61	11	Pass

Test Graphs

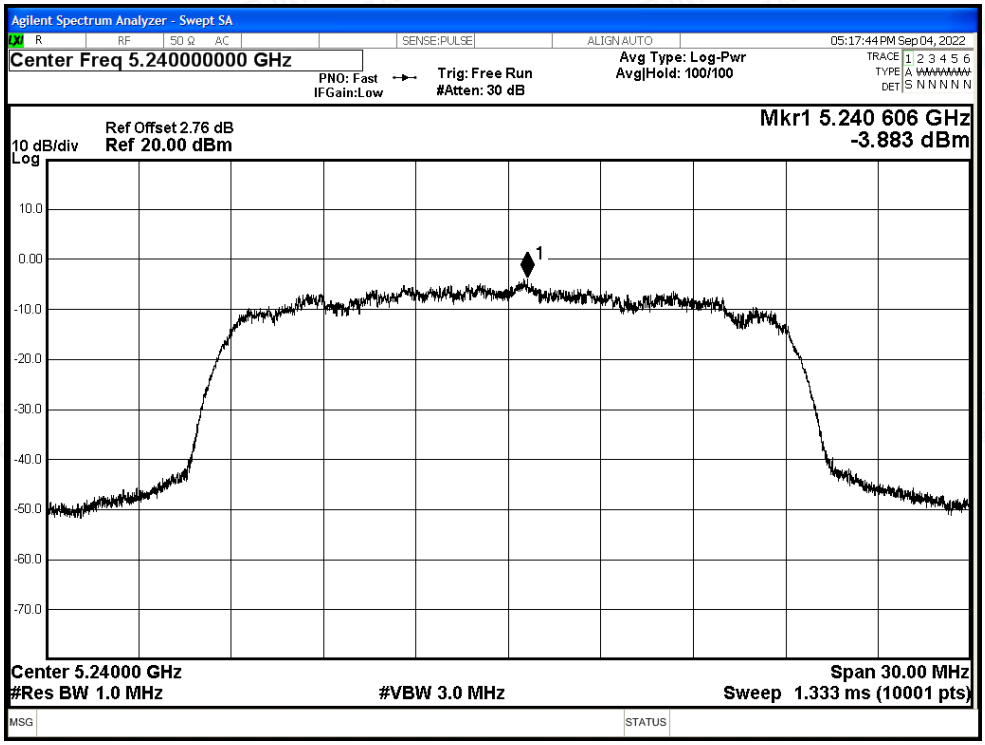
PSD NVNT a 5180MHz Ant0



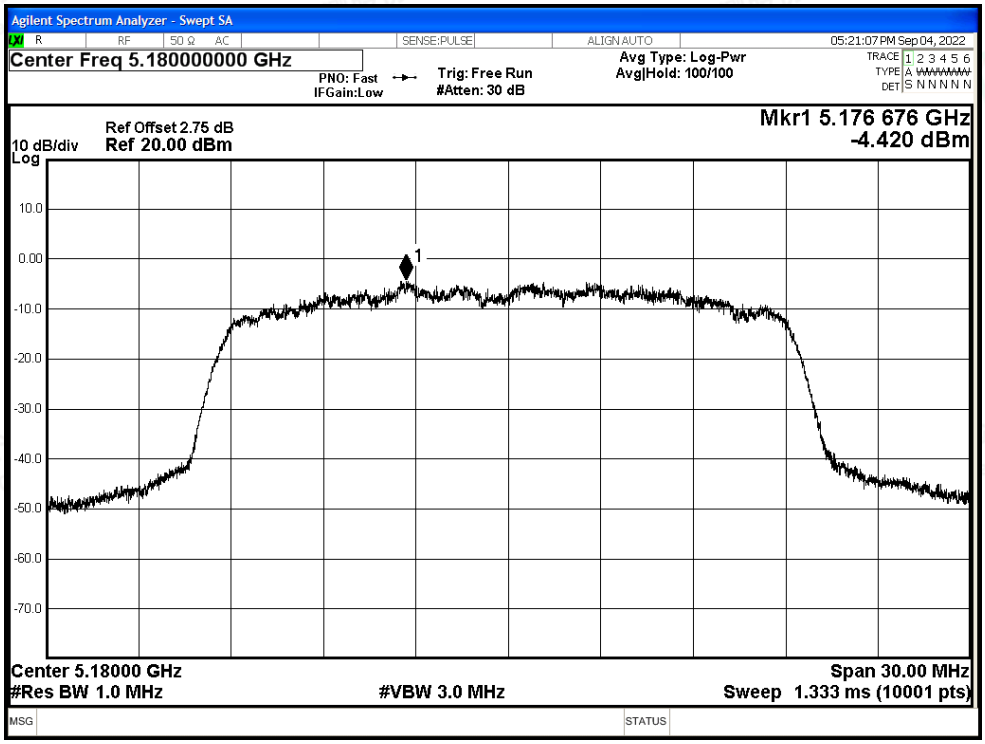
PSD NVNT a 5200MHz Ant0



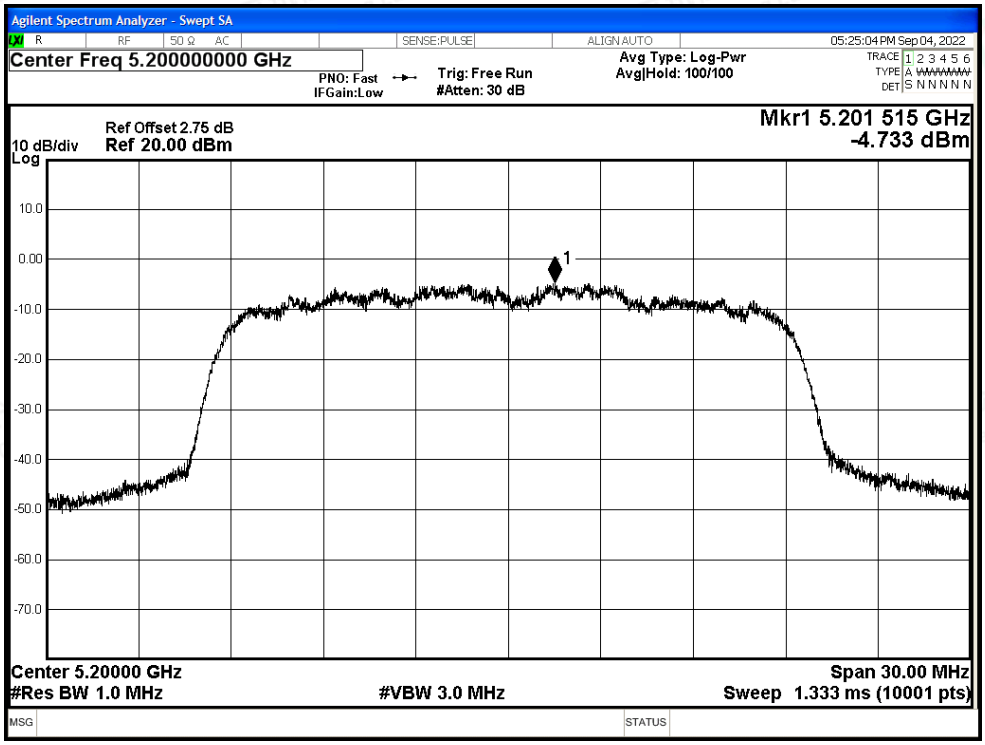
PSD NVNT a 5240MHz Ant0



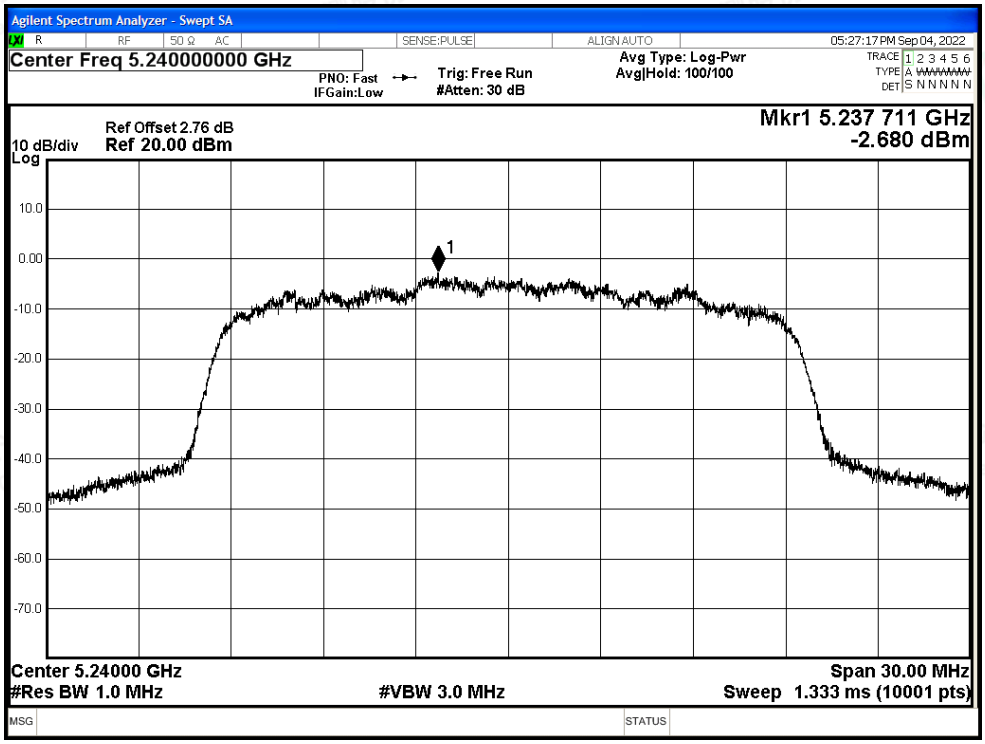
PSD NVNT n20 5180MHz Ant0



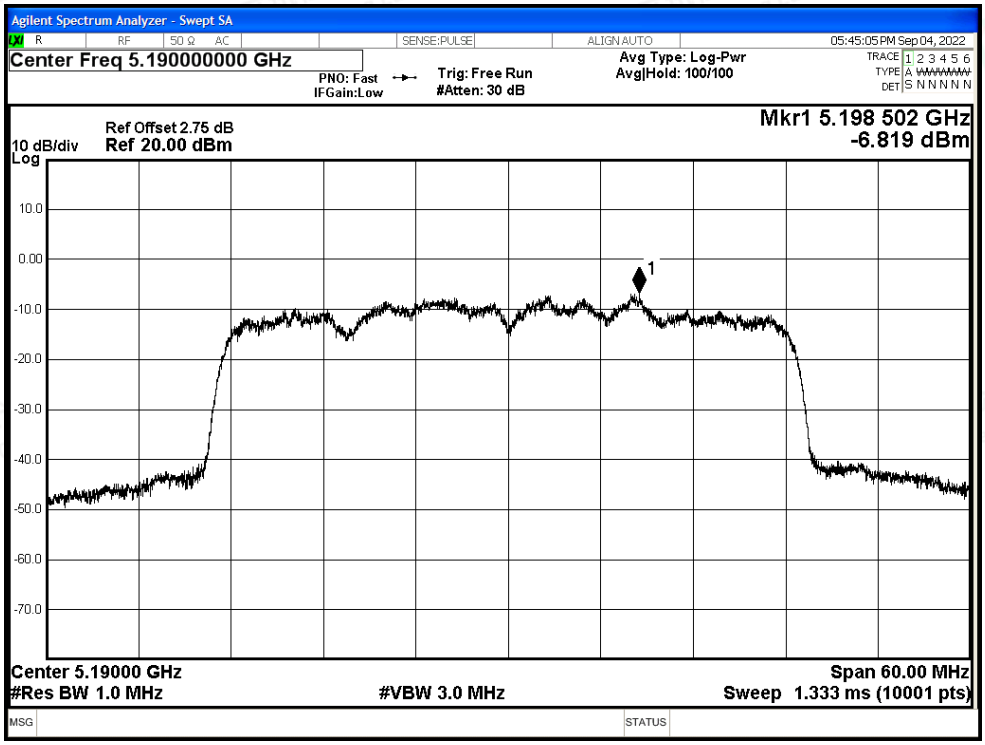
PSD NVNT n20 5200MHz Ant0



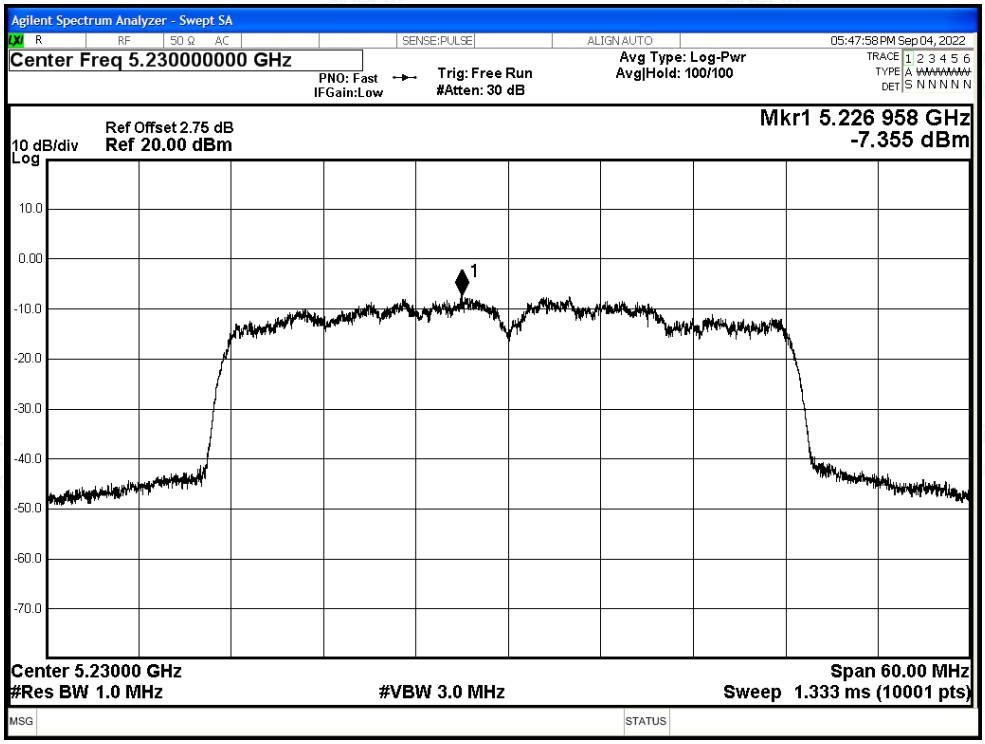
PSD NVNT n20 5240MHz Ant0



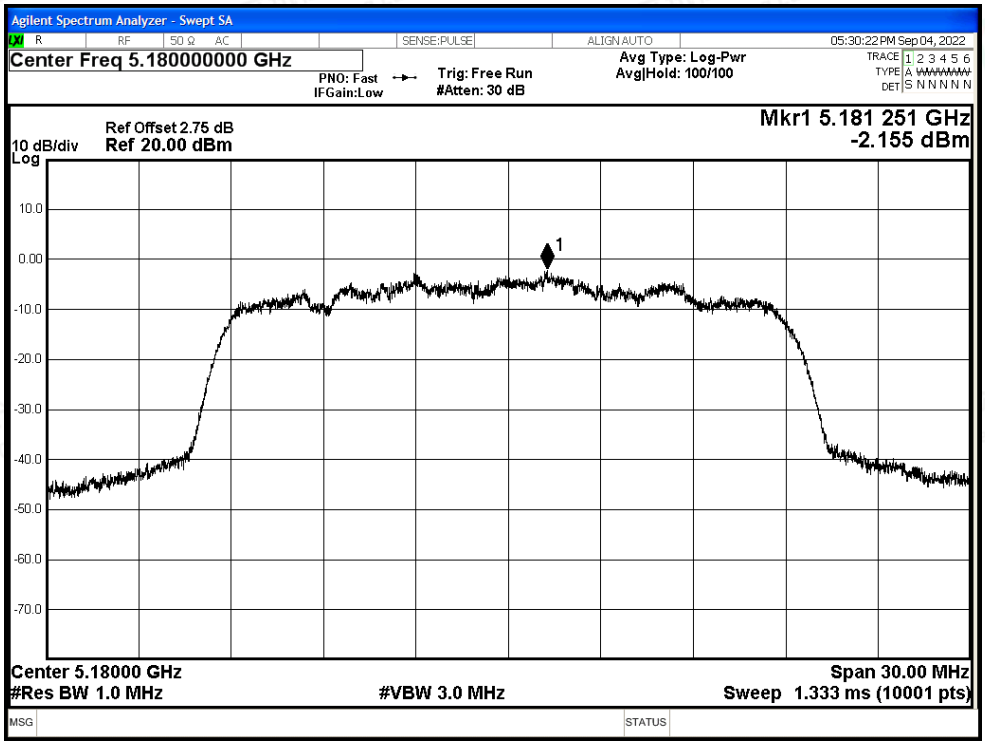
PSD NVNT n40 5190MHz Ant0



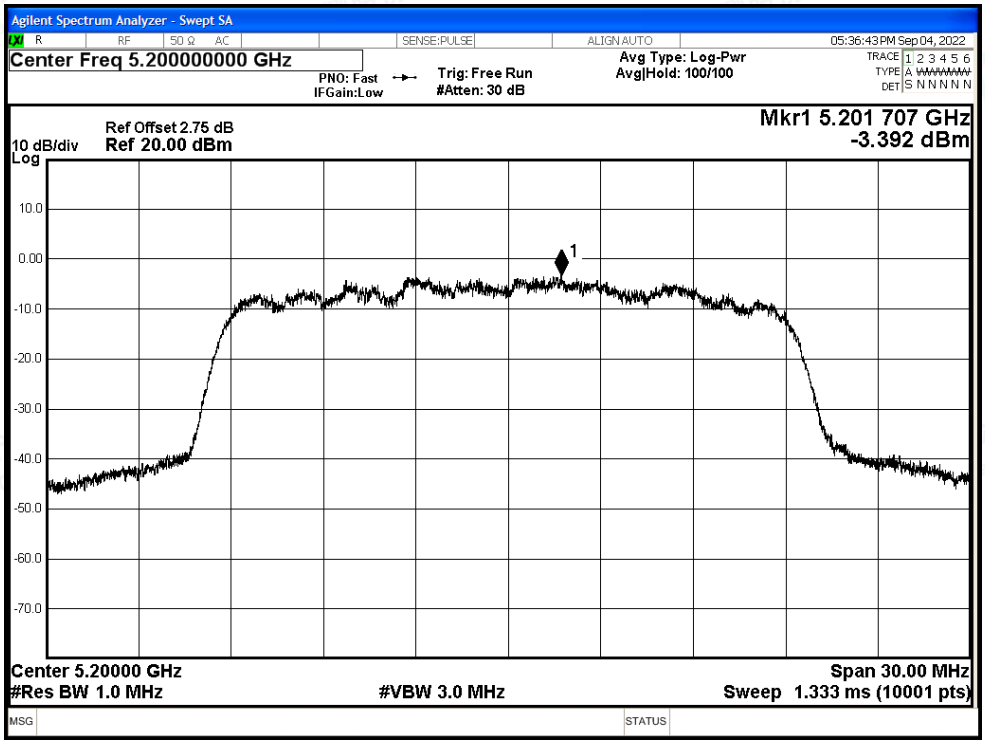
PSD NVNT n40 5230MHz Ant0



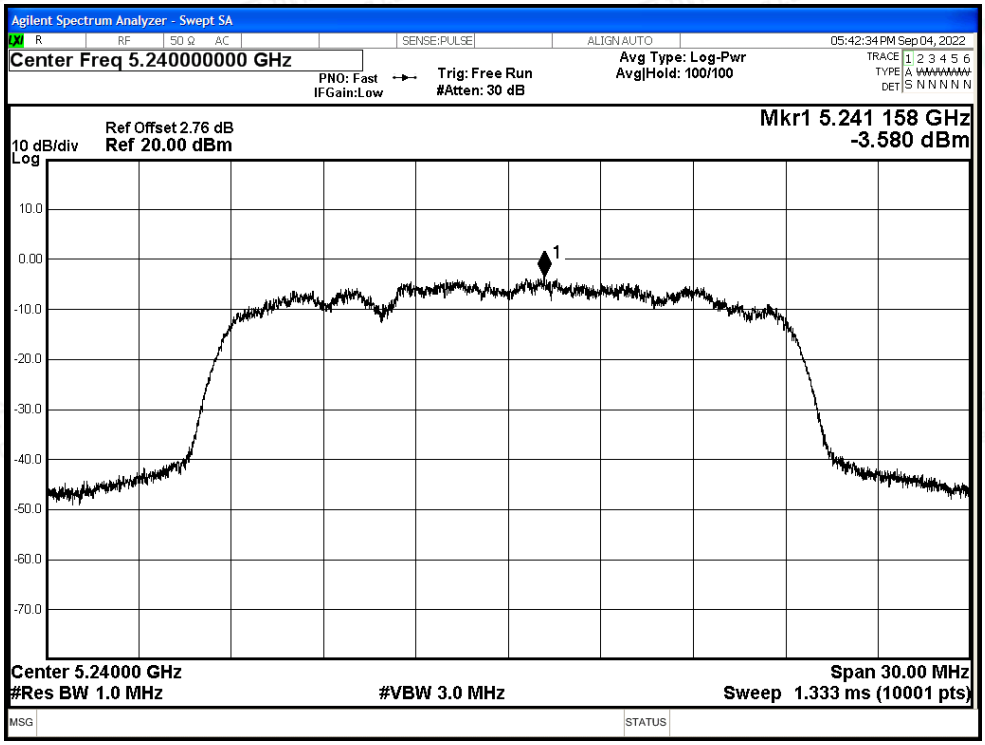
PSD NVNT ac20 5180MHz Ant0



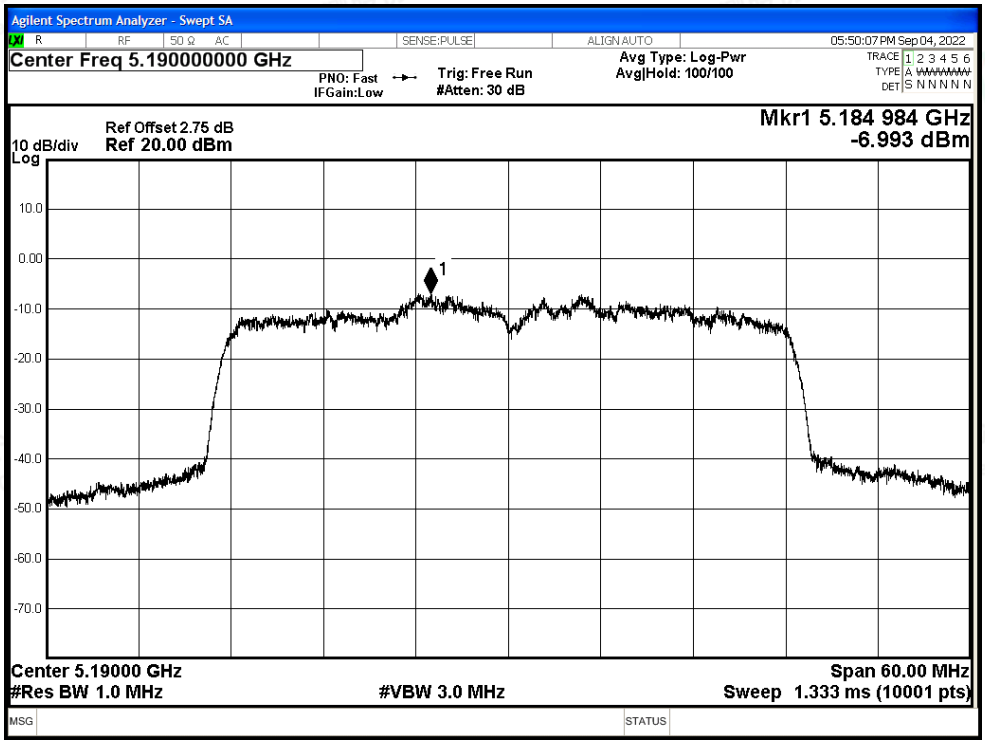
PSD NVNT ac20 5200MHz Ant0



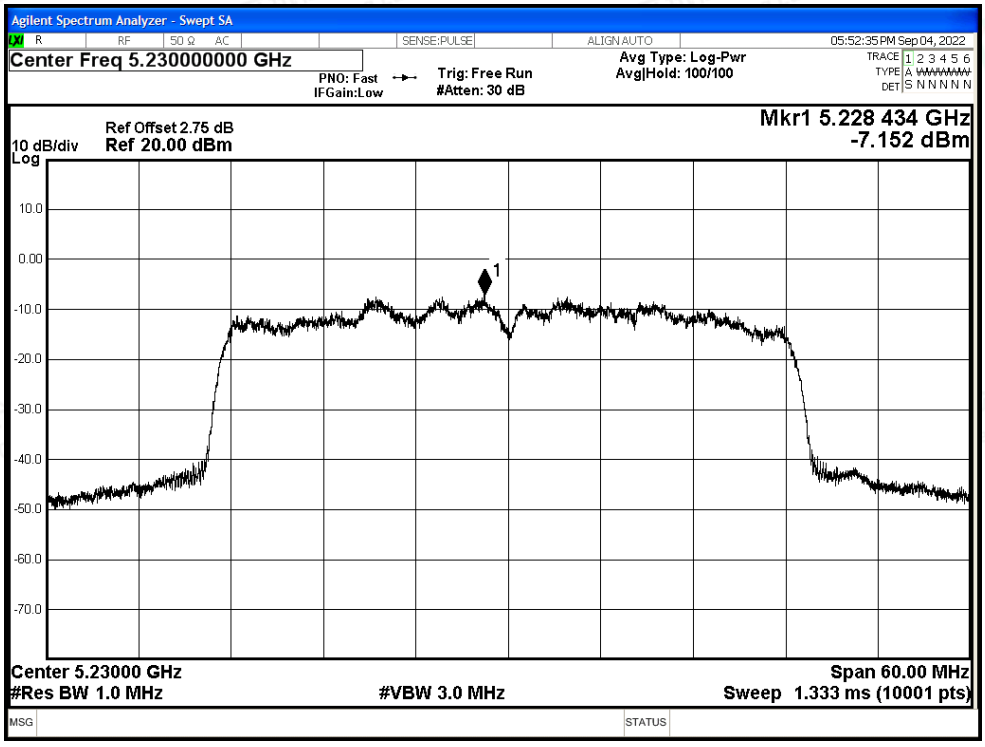
PSD NVNT ac20 5240MHz Ant0



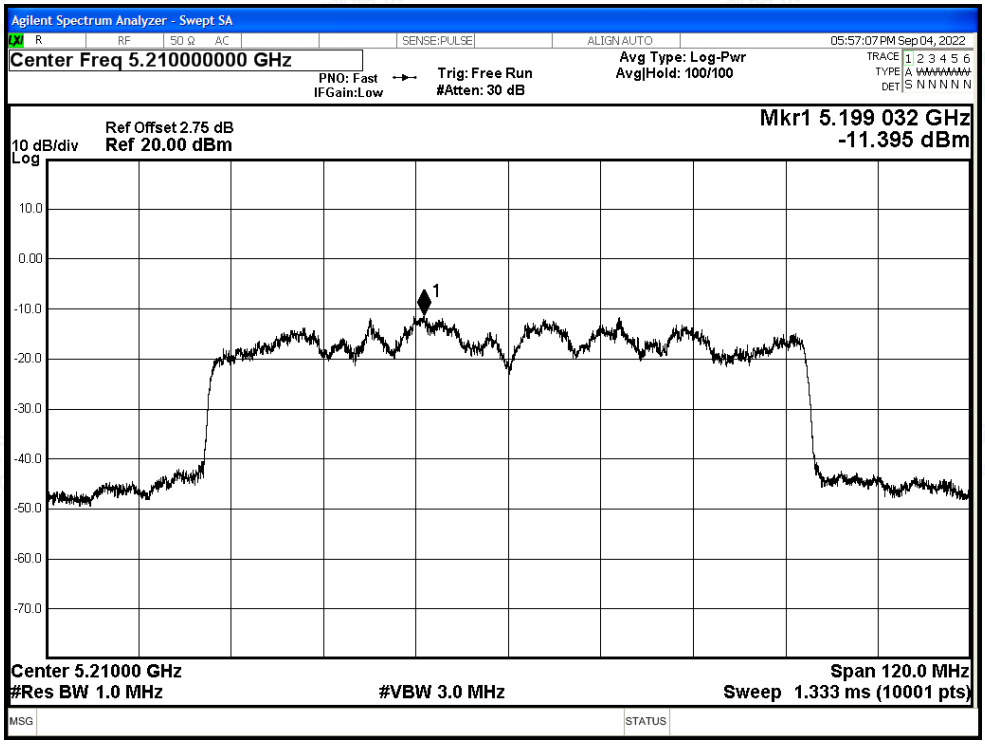
PSD NVNT ac40 5190MHz Ant0



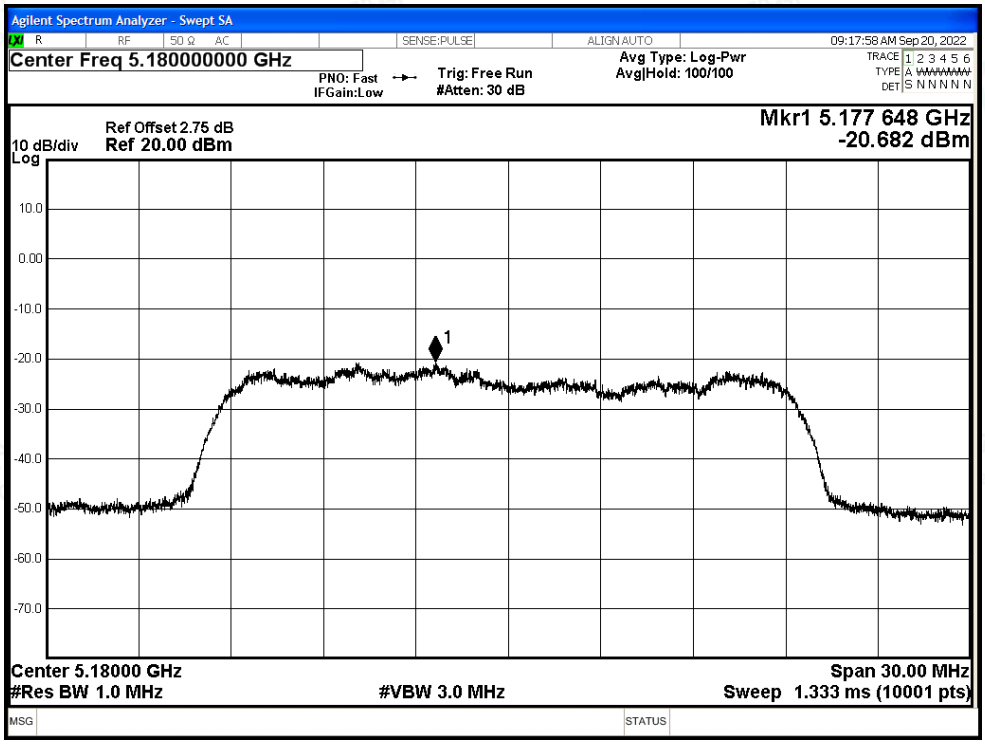
PSD NVNT ac40 5230MHz Ant0



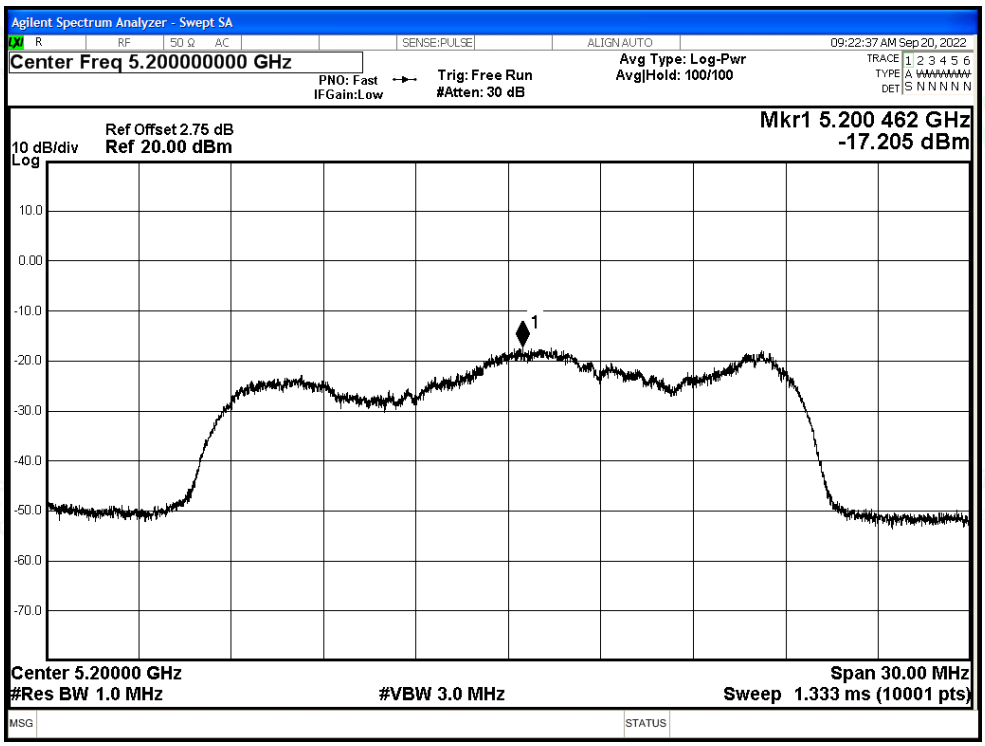
PSD NVNT ac80 5210MHz Ant0



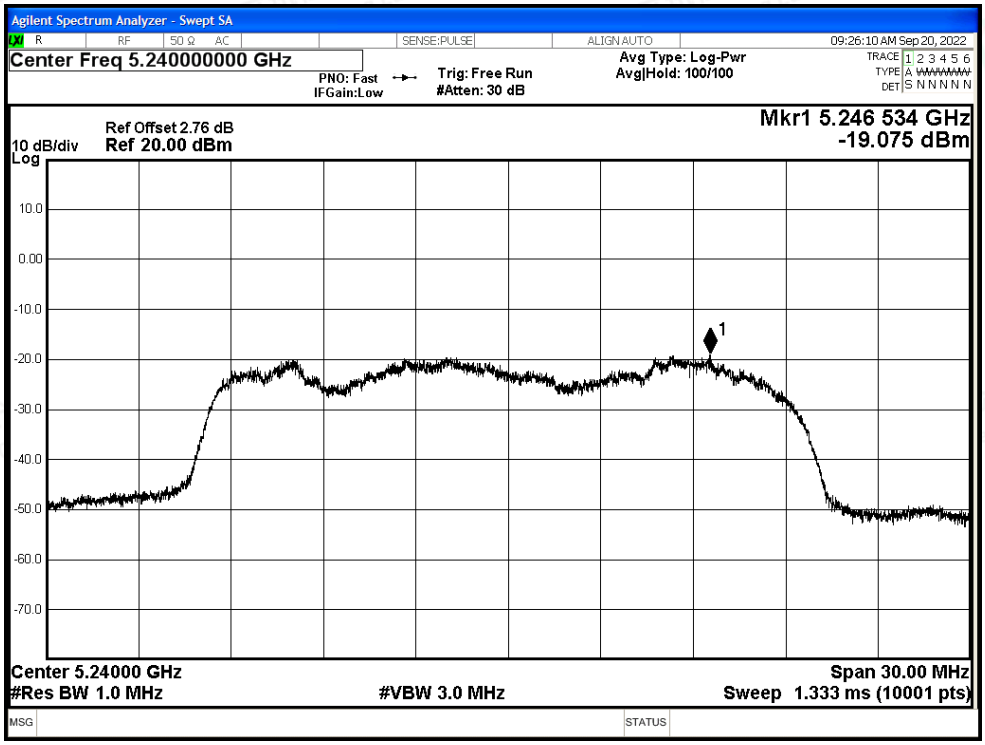
PSD NVNT ax20 5180MHz Ant0



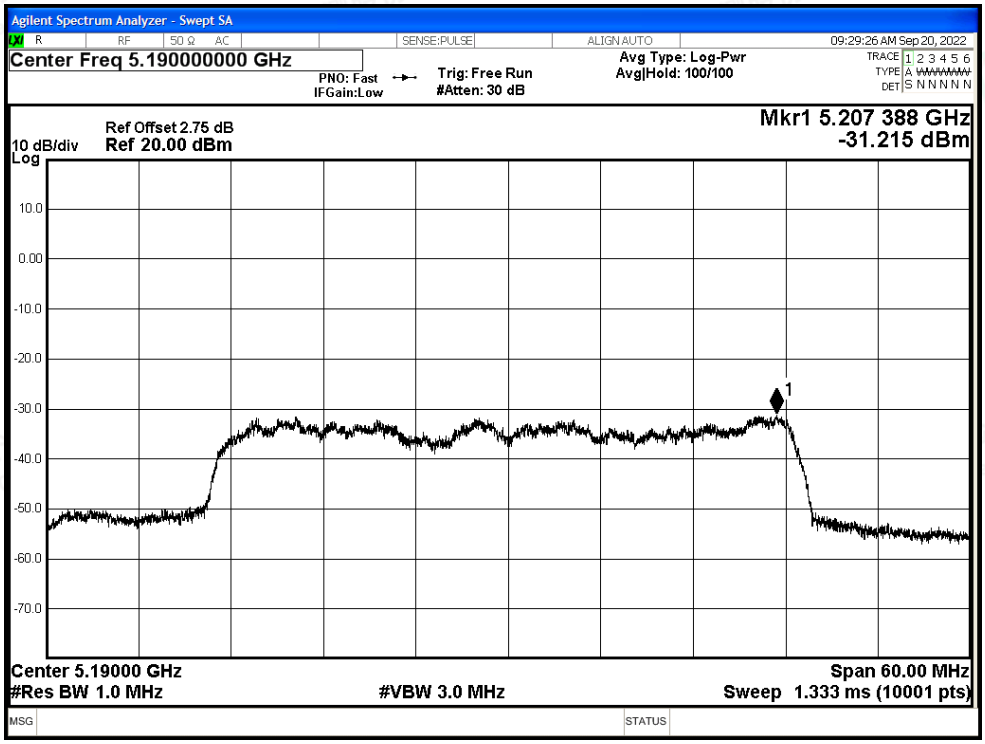
PSD NVNT ax20 5200MHz Ant0



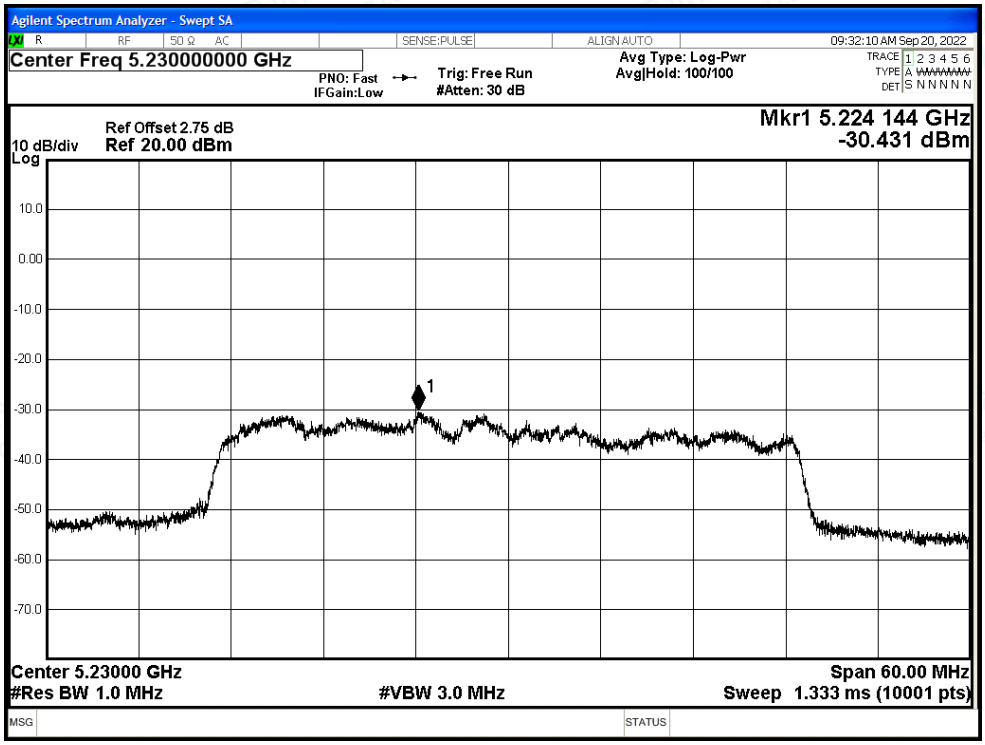
PSD NVNT ax20 5240MHz Ant0



PSD NVNT ax40 5190MHz Ant0



PSD NVNT ax40 5230MHz Ant0



PSD NVNT ax80 5210MHz Ant0

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	0.6	0.13	0.73	11	Pass
NVNT	a	5200	Ant1	1.09	0.13	1.22	11	Pass
NVNT	a	5240	Ant1	0.45	0.14	0.59	11	Pass
NVNT	n20	5180	Ant1	0.26	0.15	0.41	11	Pass
NVNT	n20	5200	Ant1	0.34	0.14	0.48	11	Pass
NVNT	n20	5240	Ant1	0.92	0.15	1.07	11	Pass
NVNT	n40	5190	Ant1	-3.14	0.29	-2.85	11	Pass
NVNT	n40	5230	Ant1	-3.52	0.28	-3.24	11	Pass
NVNT	ac20	5180	Ant1	0.19	0.15	0.34	11	Pass
NVNT	ac20	5200	Ant1	0.32	0.14	0.46	11	Pass
NVNT	ac20	5240	Ant1	0.74	0.14	0.88	11	Pass
NVNT	ac40	5190	Ant1	-6.99	0.28	-6.71	11	Pass
NVNT	ac40	5230	Ant1	-7.59	0.28	-7.31	11	Pass
NVNT	ac80	5210	Ant1	-11.67	0.55	-11.12	11	Pass
NVNT	ax20	5180	Ant1	-16.61	0.14	-16.47	11	Pass
NVNT	ax20	5200	Ant1	-18.88	0.14	-18.74	11	Pass
NVNT	ax20	5240	Ant1	-20.38	0.15	-20.23	11	Pass
NVNT	ax40	5190	Ant1	-28.08	0.28	-27.8	11	Pass
NVNT	ax40	5230	Ant1	-26.31	0	-26.31	11	Pass
NVNT	ax80	5210	Ant1	-39.42	0.55	-38.87	11	Pass

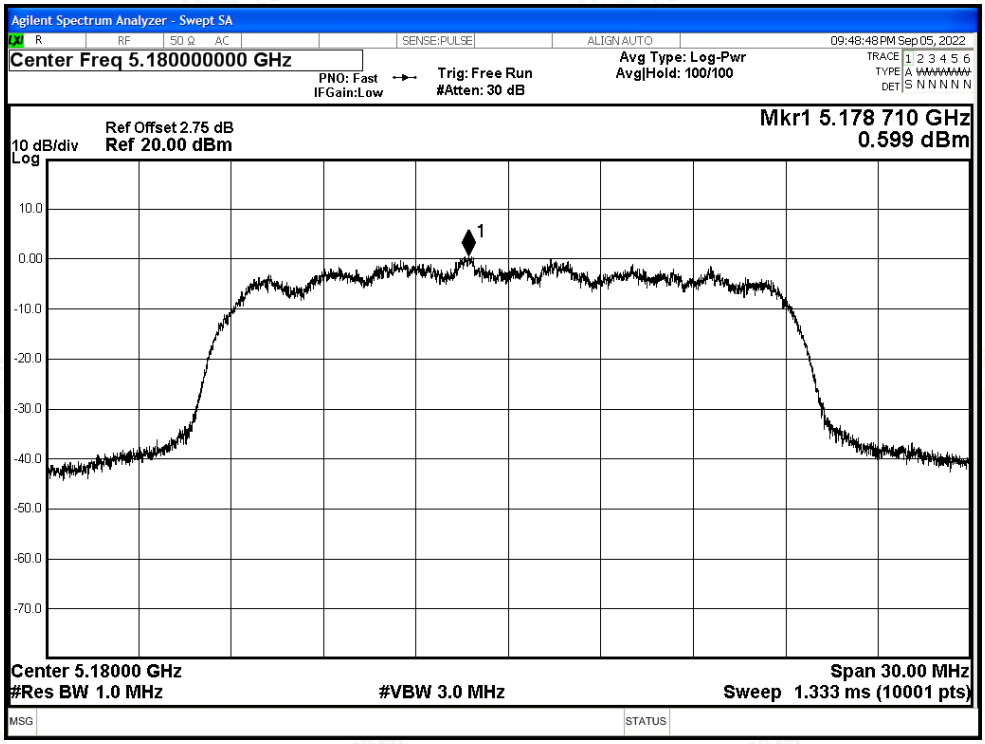
MIMO

Test Mode	Channel	Frequency (MHz)	Ant 0 Conducted Power (dBm/MHz)	Ant 1 Conducted Power (dBm/MHz)	MIMO AV Conducted Power (dBm/MHz)	Limit (dBm/MHz)	Verdict
n20	36	5180	-4.28	0.41	1.68	≤11	Pass
	40	5200	-4.59	0.48	1.66		Pass
	48	5240	-2.53	1.07	2.64		Pass
N40	38	5190	-6.53	-2.85	-1.30	≤11	Pass
	46	5230	-7.08	-3.24	-1.74		Pass
ac20	36	5180	-2.00	0.34	2.34	≤11	Pass
	40	5200	-3.25	0.46	2.00		Pass
	48	5240	-3.43	0.88	2.25		Pass
ac40	38	5190	-6.71	-6.71	-3.70	≤11	Pass
	46	5230	-6.87	-7.31	-4.07		Pass
ac80	42	5210	-10.85	-11.12	-7.97	≤11	Pass
ax20	36	5180	-20.54	-16.47	-15.03	≤11	Pass
	40	5200	-17.06	-18.74	-14.81		Pass
	48	5240	-18.93	-20.23	-16.52		Pass
ax40	38	5190	-30.94	-27.8	-26.08	≤11	Pass
	46	5230	-30.15	-26.31	-24.81		Pass
ax80	42	5210	-39.61	-38.87	-36.21	≤11	Pass

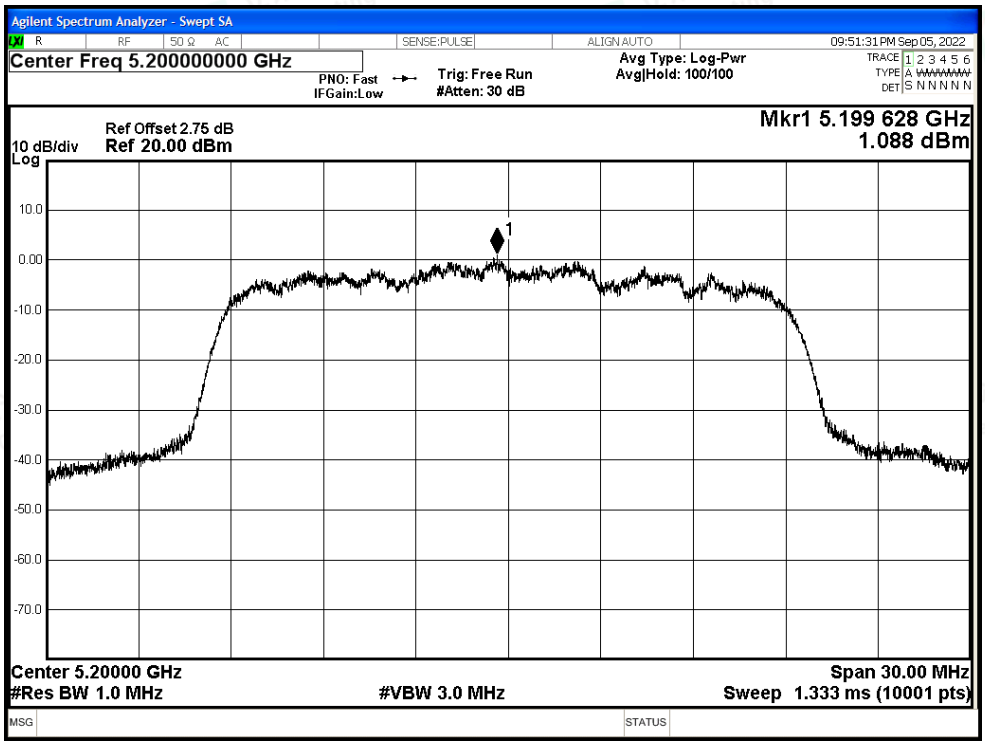
Note：The Duty Cycle Factor is compensated in the graph.

Test Graphs

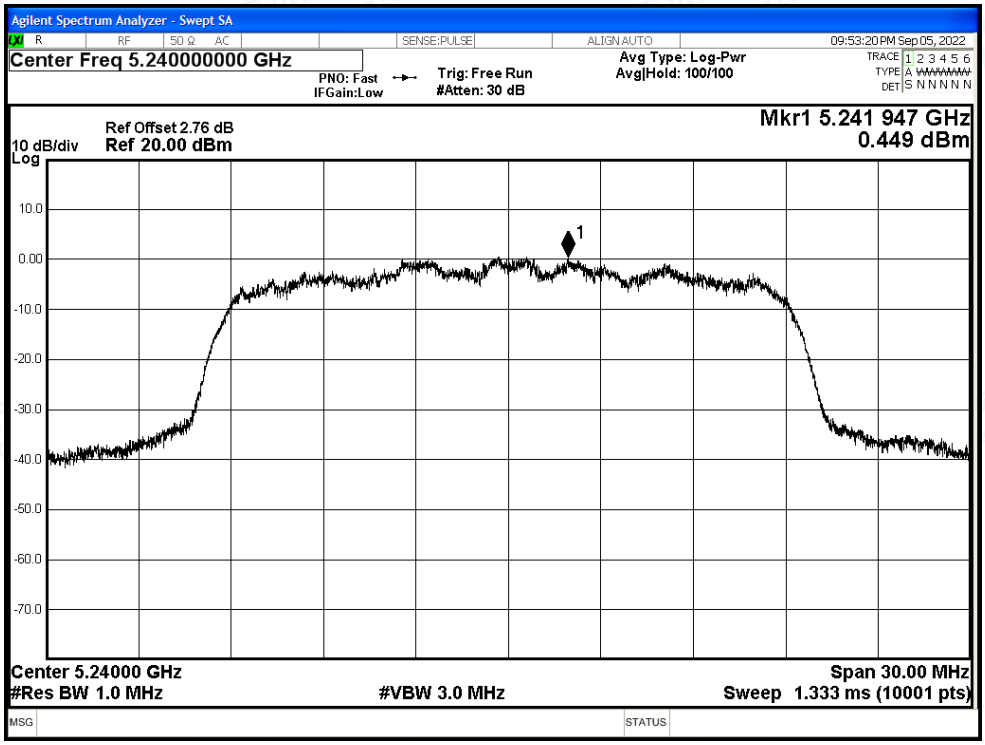
PSD NVNT a 5180MHz Ant1



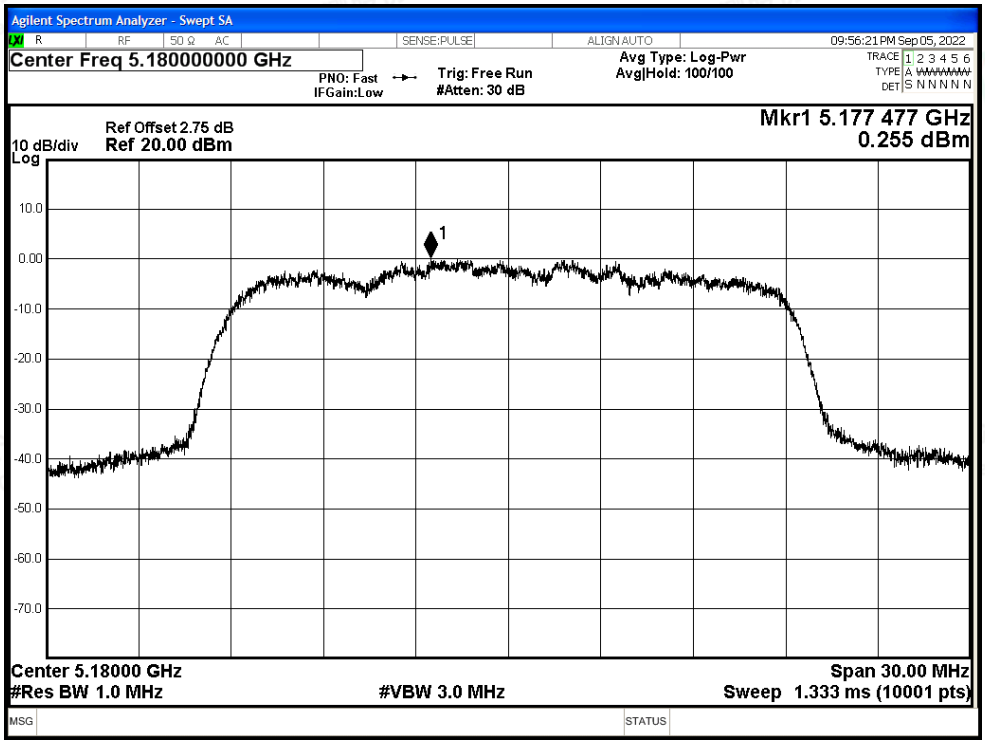
PSD NVNT a 5200MHz Ant1



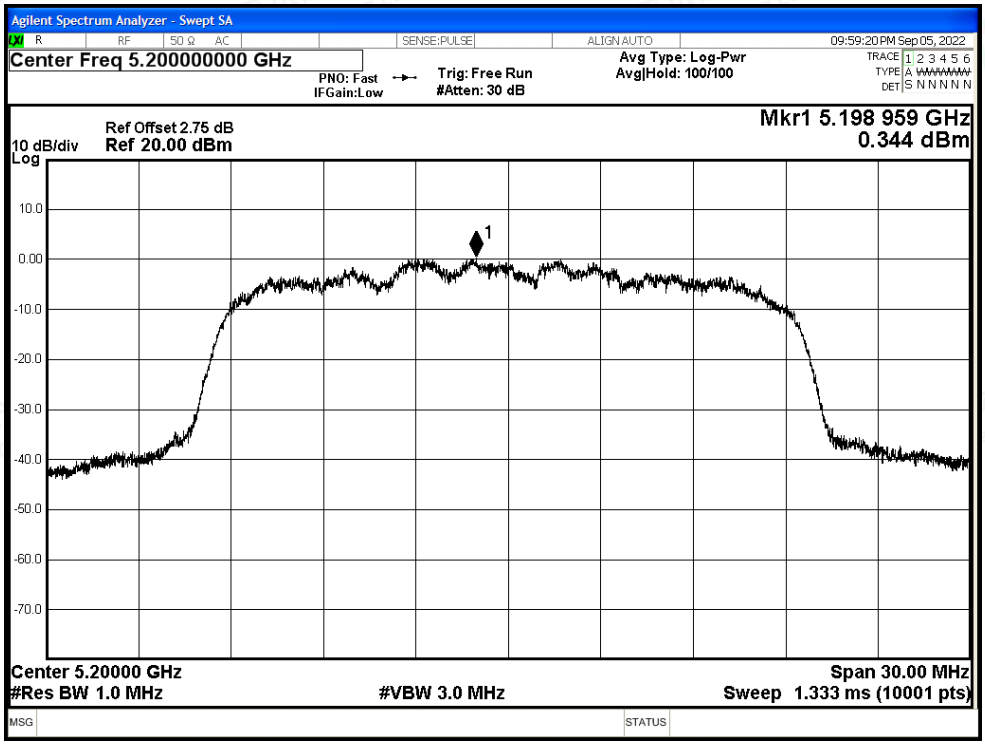
PSD NVNT a 5240MHz Ant1



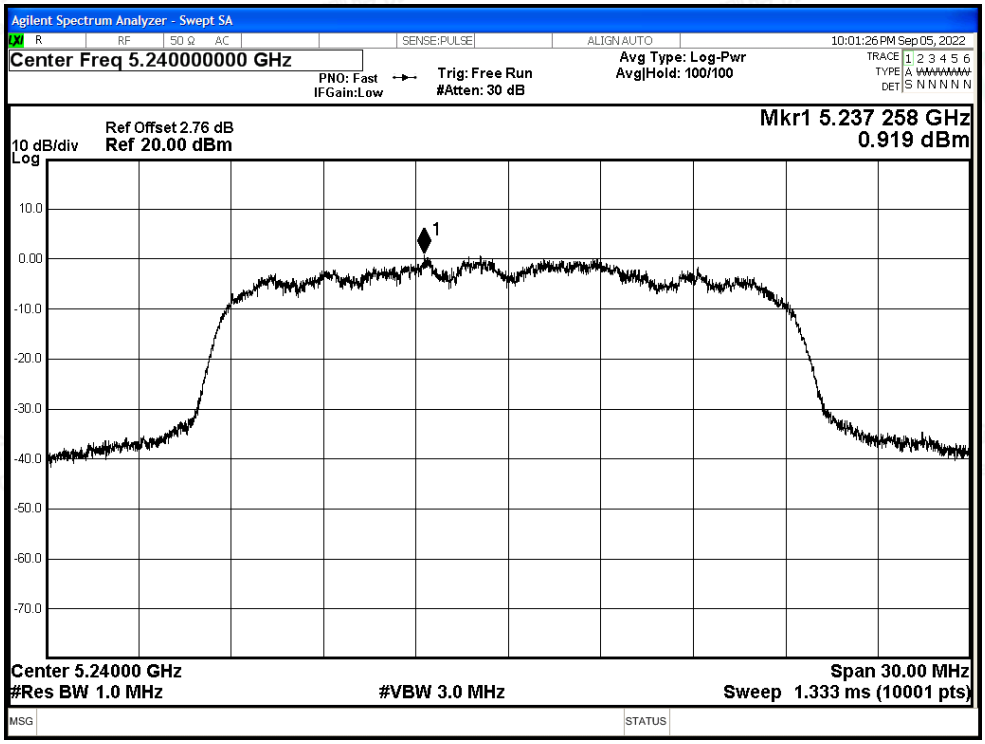
PSD NVNT n20 5180MHz Ant1



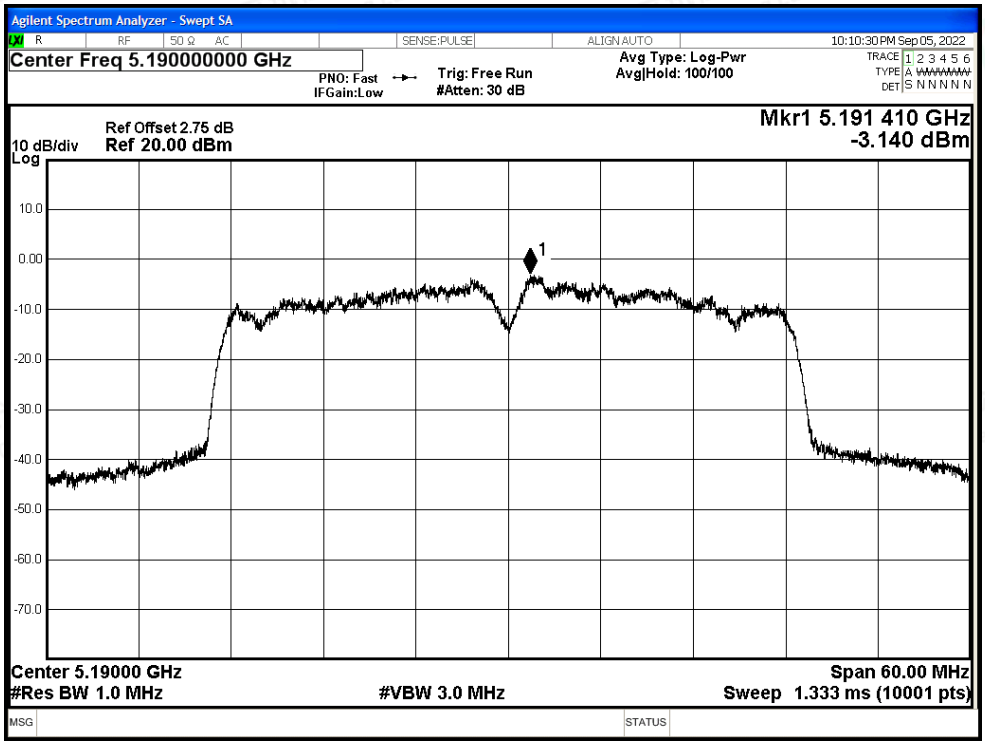
PSD NVNT n20 5200MHz Ant1



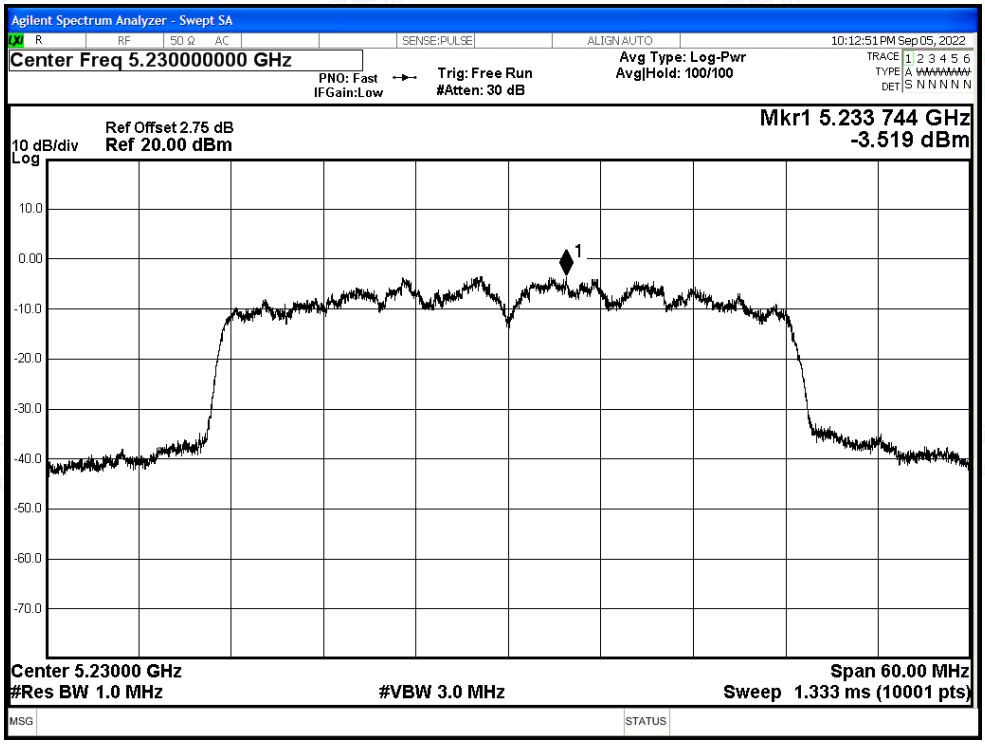
PSD NVNT n20 5240MHz Ant1



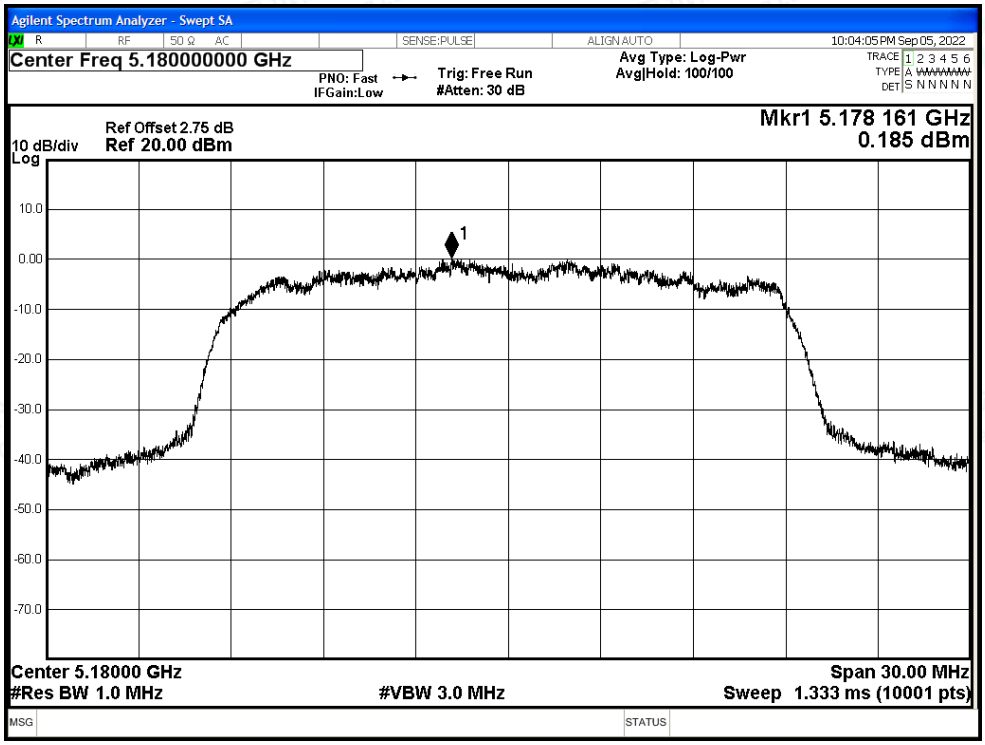
PSD NVNT n40 5190MHz Ant1



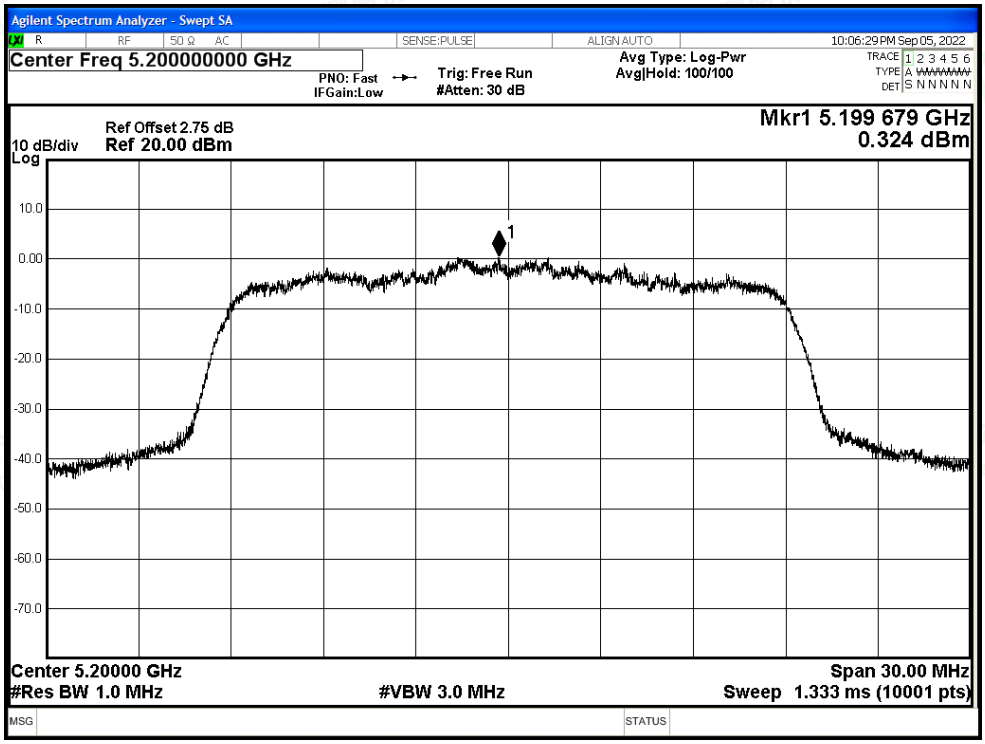
PSD NVNT n40 5230MHz Ant1



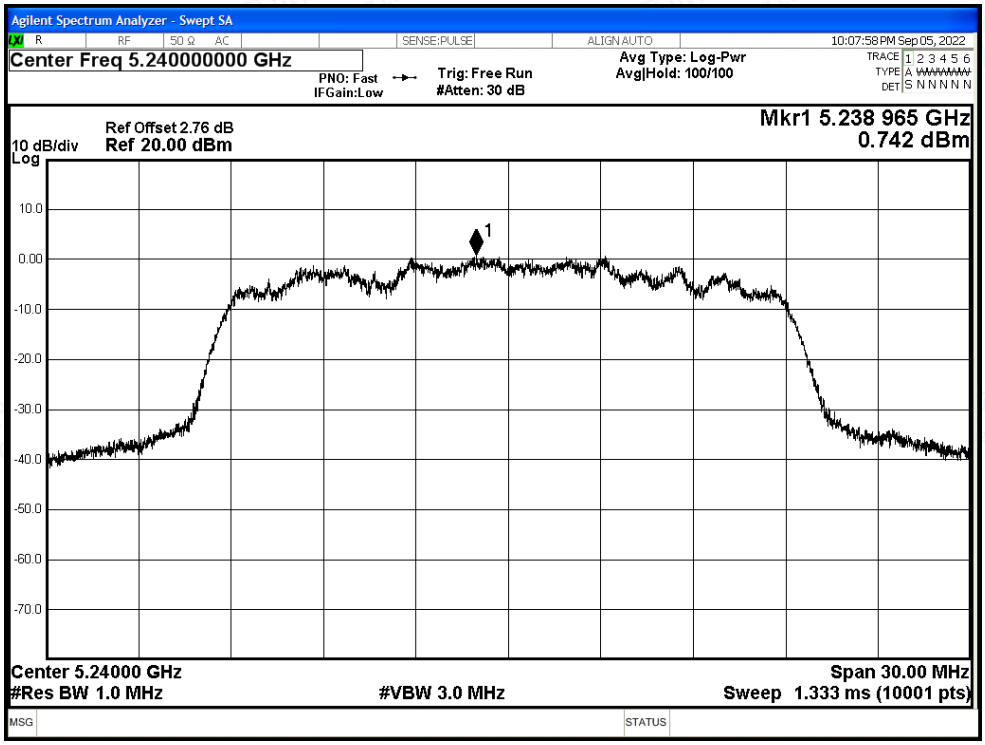
PSD NVNT ac20 5180MHz Ant1



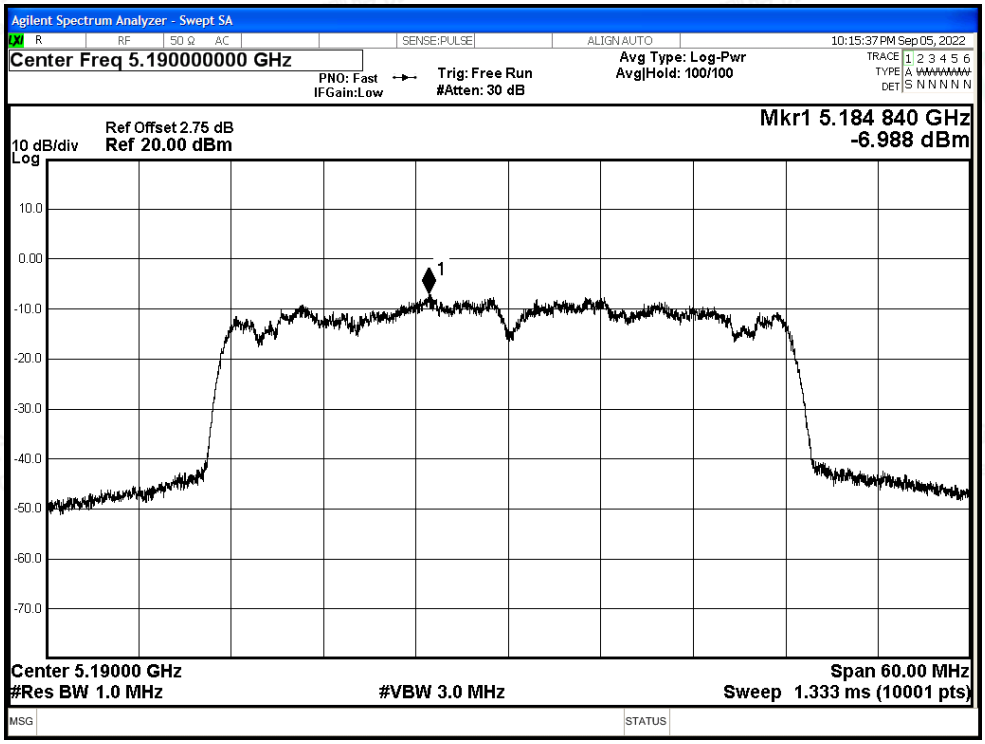
PSD NVNT ac20 5200MHz Ant1



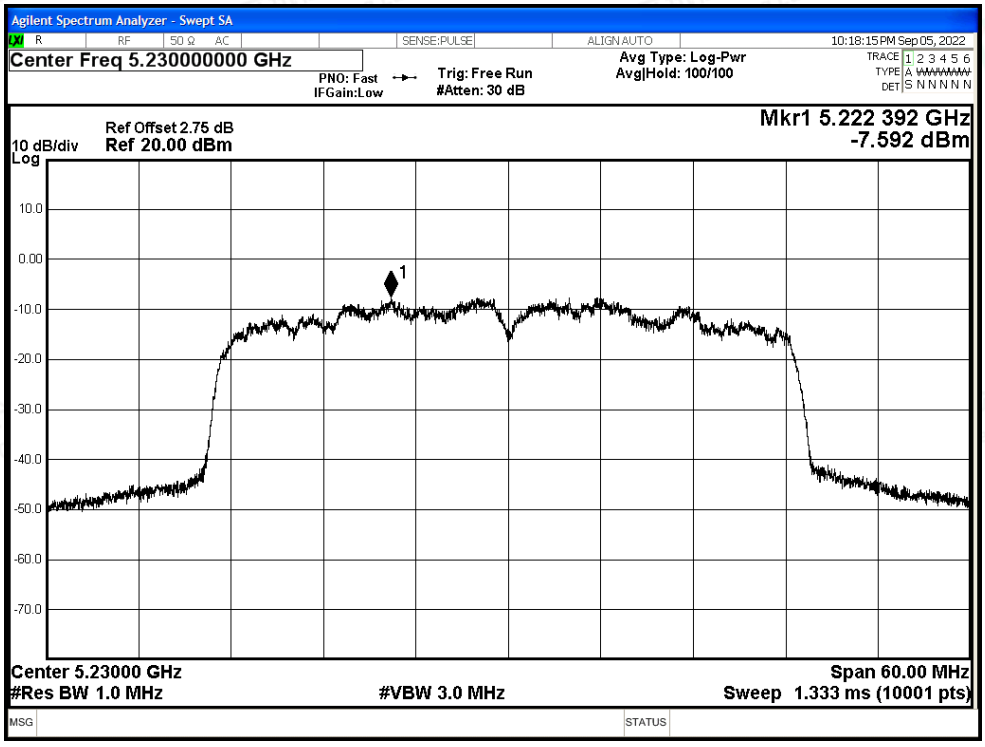
PSD NVNT ac20 5240MHz Ant1



PSD NVNT ac40 5190MHz Ant1



PSD NVNT ac40 5230MHz Ant1



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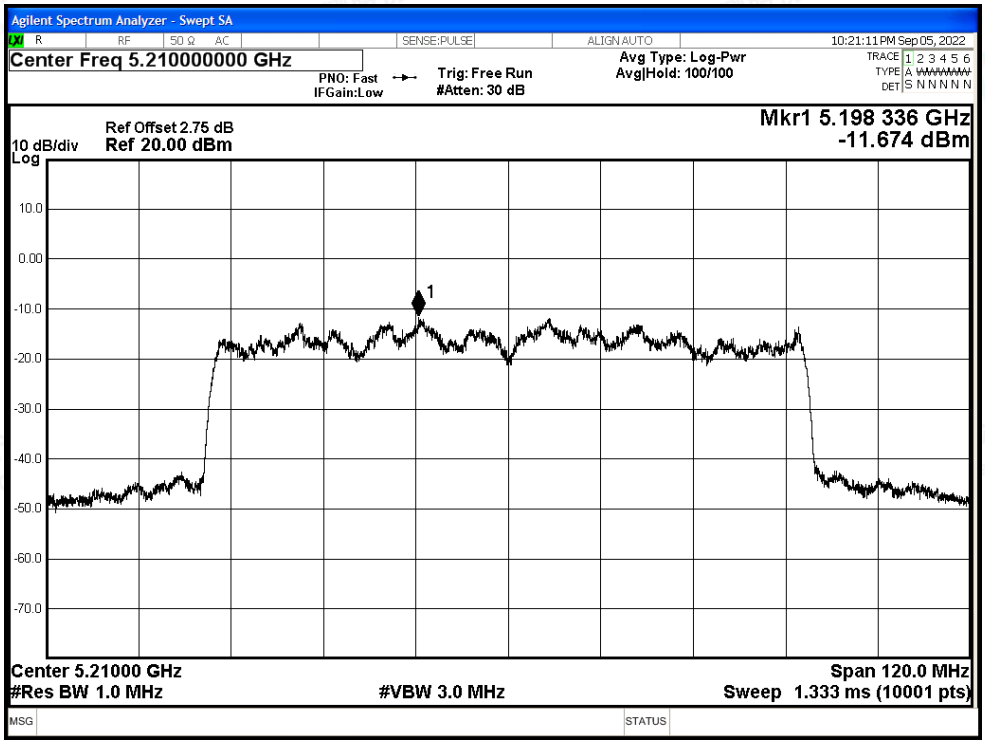
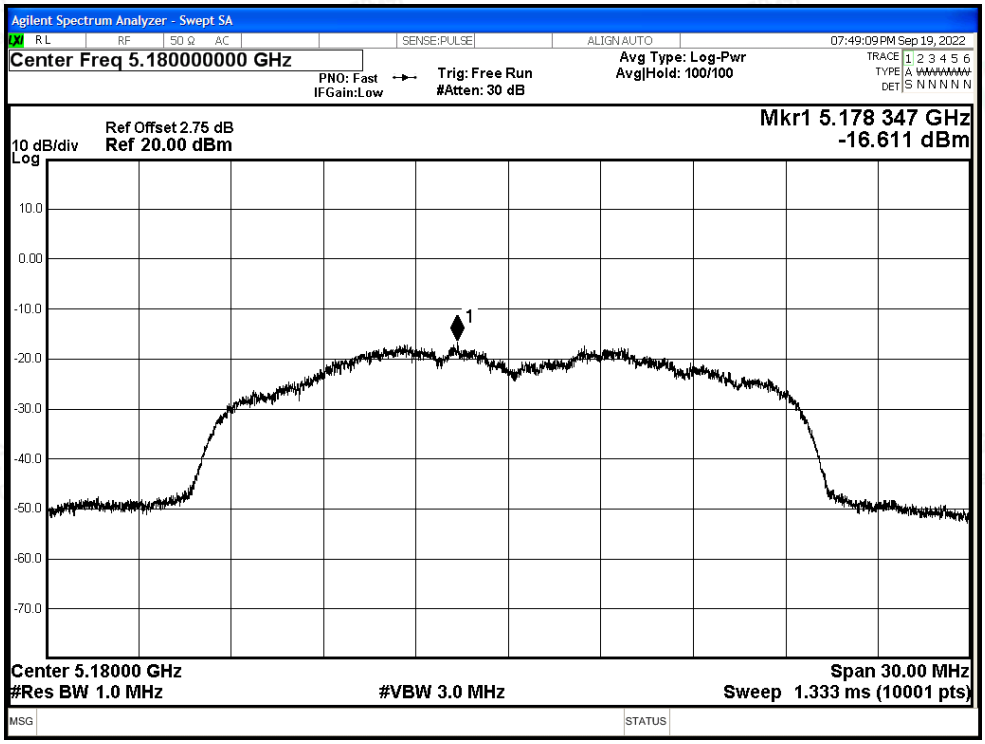
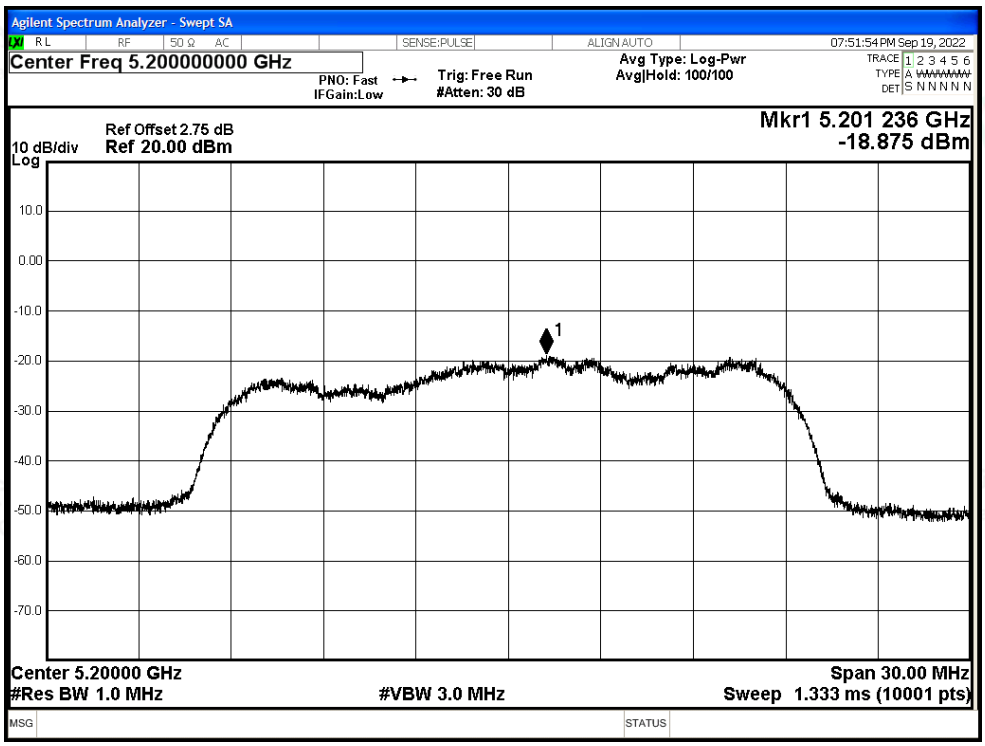


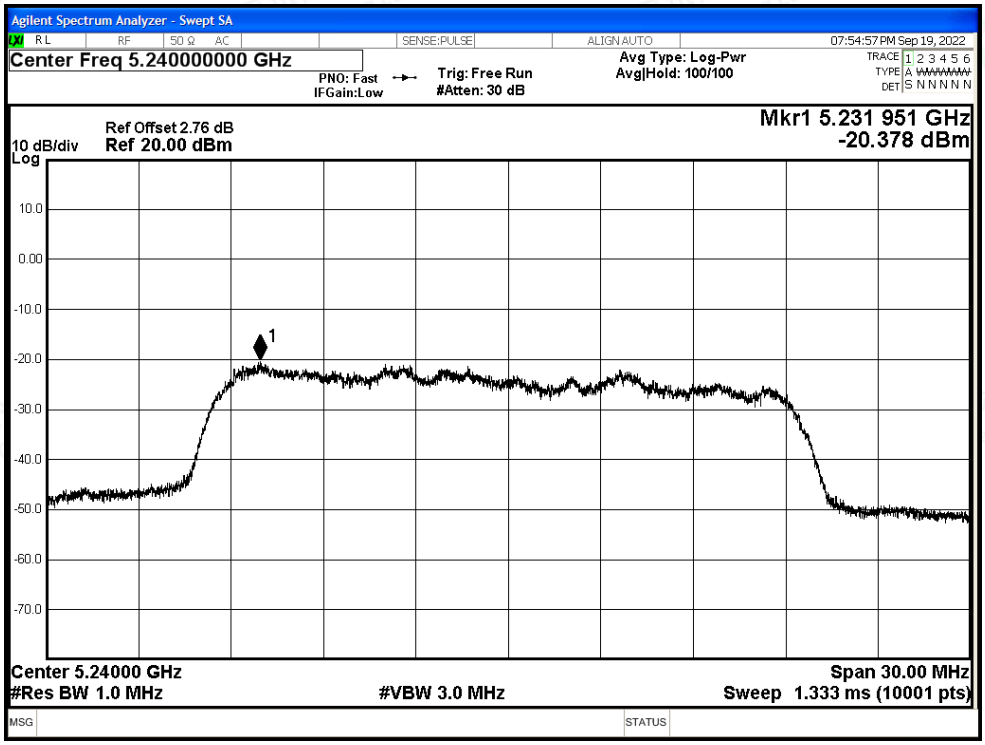
PSD NVNT ax20 5180MHz Ant1



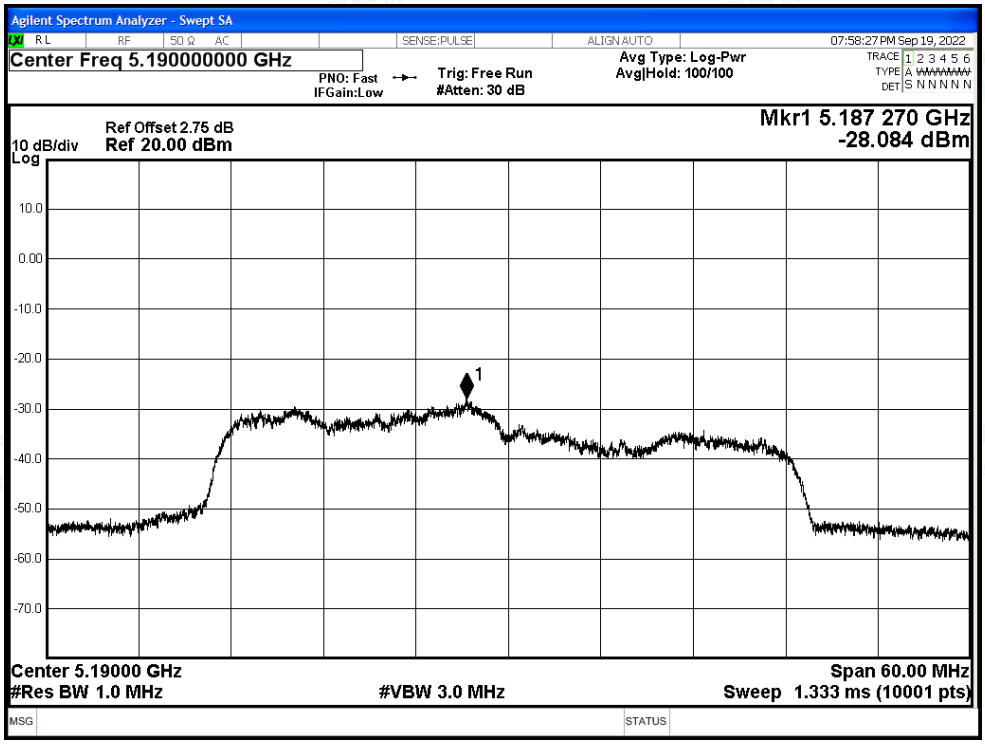
PSD NVNT ax20 5200MHz Ant1



PSD NVNT ax20 5240MHz Ant1



PSD NVNT ax40 5190MHz Ant1



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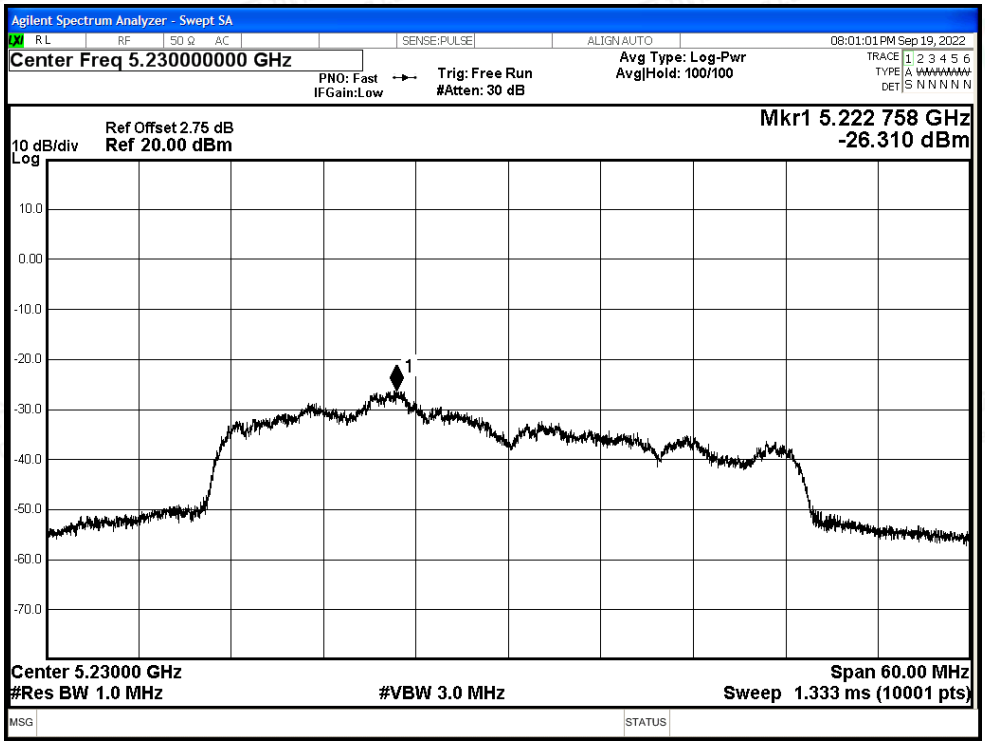
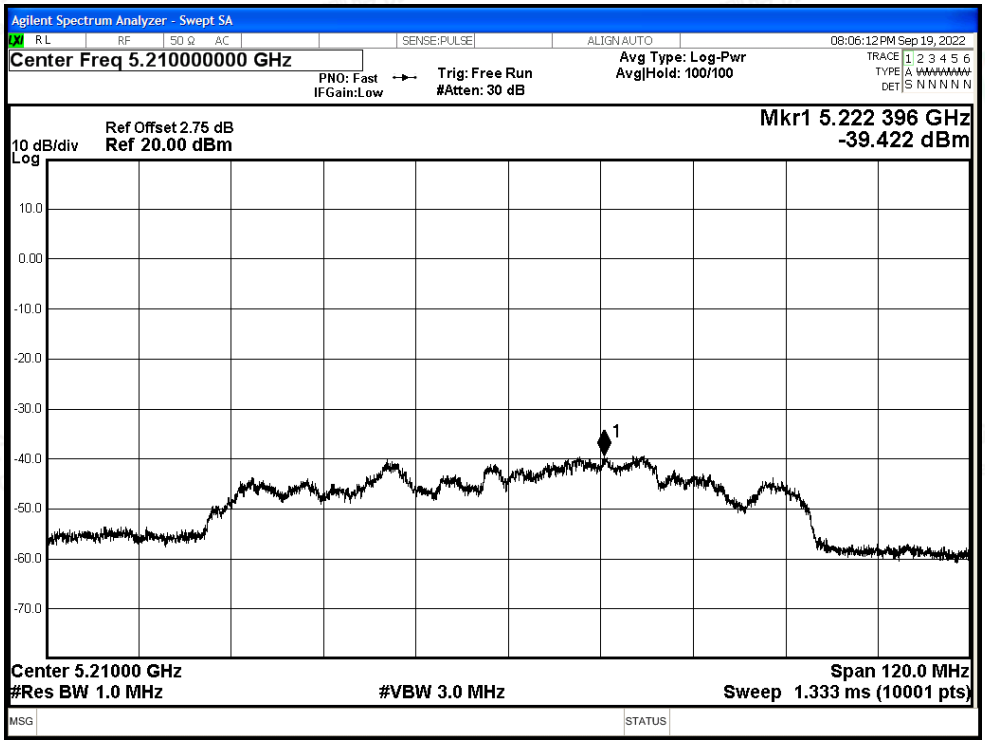


PSD NVNT ax80 5210MHz Ant1



D.4 Restrict Band

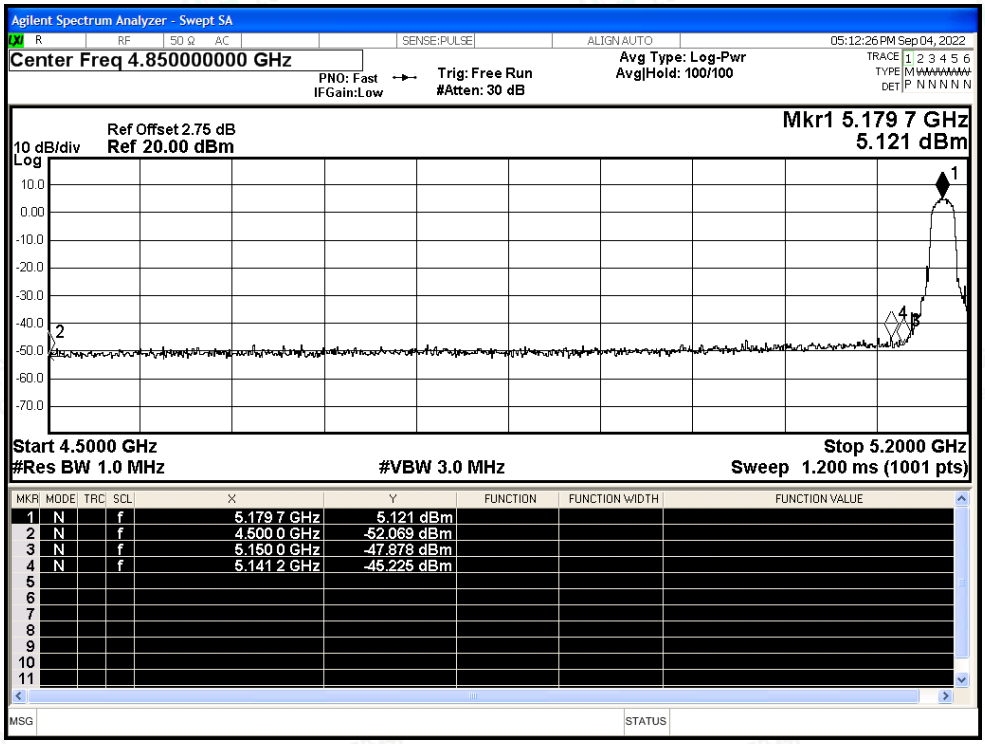
Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5180	Ant0	4500	-52.07	2	45.16	Peak	68.2	Pass
NVNT	a	5180	Ant0	4500	-60.82	2	36.41	Average	54	Pass
NVNT	a	5180	Ant0	5141.2	-45.23	2	52	Peak	68.2	Pass
NVNT	a	5180	Ant0	5149.6	-56.37	2	40.86	Average	54	Pass
NVNT	a	5180	Ant0	5150	-47.88	2	49.35	Peak	68.2	Pass
NVNT	a	5180	Ant0	5150	-56.39	2	40.84	Average	54	Pass
NVNT	a	5240	Ant0	5350	-49.22	2	48.01	Peak	68.2	Pass
NVNT	a	5240	Ant0	5350	-58.61	2	38.62	Average	54	Pass
NVNT	a	5240	Ant0	5439.84	-47.02	2	50.21	Peak	68.2	Pass
NVNT	a	5240	Ant0	5360.16	-58.44	2	38.79	Average	54	Pass
NVNT	a	5240	Ant0	5460	-50.36	2	46.87	Peak	68.2	Pass
NVNT	a	5240	Ant0	5460	-59.91	2	37.32	Average	54	Pass
NVNT	n20	5180	Ant0	4500	-51.52	2	45.71	Peak	68.2	Pass
NVNT	n20	5180	Ant0	4500	-60.9	2	36.33	Average	54	Pass
NVNT	n20	5180	Ant0	5146.8	-46.2	2	51.03	Peak	68.2	Pass
NVNT	n20	5180	Ant0	5149.6	-56.54	2	40.69	Average	54	Pass
NVNT	n20	5180	Ant0	5150	-47	2	50.23	Peak	68.2	Pass
NVNT	n20	5180	Ant0	5150	-56.44	2	40.79	Average	54	Pass
NVNT	n20	5240	Ant0	5350	-48.79	2	48.44	Peak	68.2	Pass
NVNT	n20	5240	Ant0	5350	-58.4	2	38.83	Average	54	Pass
NVNT	n20	5240	Ant0	5361.12	-46.46	2	50.77	Peak	68.2	Pass
NVNT	n20	5240	Ant0	5350.56	-58.27	2	38.96	Average	54	Pass
NVNT	n20	5240	Ant0	5460	-49.72	2	47.51	Peak	68.2	Pass
NVNT	n20	5240	Ant0	5460	-59.66	2	37.57	Average	54	Pass
NVNT	n40	5190	Ant0	4500	-50.66	2	46.57	Peak	68.2	Pass
NVNT	n40	5190	Ant0	4500	-60.35	2	36.88	Average	54	Pass
NVNT	n40	5190	Ant0	5147.51	-36.33	2	60.9	Peak	68.2	Pass
NVNT	n40	5190	Ant0	5149.7	-51.25	2	45.98	Average	54	Pass
NVNT	n40	5190	Ant0	5150	-39.62	2	57.61	Peak	68.2	Pass
NVNT	n40	5190	Ant0	5150	-51.25	2	45.98	Average	54	Pass
NVNT	n40	5230	Ant0	5350	-49.65	2	47.58	Peak	68.2	Pass
NVNT	n40	5230	Ant0	5350	-58.2	2	39.03	Average	54	Pass
NVNT	n40	5230	Ant0	5415.99	-47.06	2	50.17	Peak	68.2	Pass
NVNT	n40	5230	Ant0	5350.11	-58.2	2	39.03	Average	54	Pass
NVNT	n40	5230	Ant0	5460	-51.8	2	45.43	Peak	68.2	Pass
NVNT	n40	5230	Ant0	5460	-59.33	2	37.9	Average	54	Pass
NVNT	ac20	5180	Ant0	4500	-50.53	2	46.7	Peak	68.2	Pass

NVNT	ac20	5180	Ant0	4500	-60.59	2	36.64	Average	54	Pass
NVNT	ac20	5180	Ant0	5141.2	-43.92	2	53.31	Peak	68.2	Pass
NVNT	ac20	5180	Ant0	5149.6	-55.91	2	41.32	Average	54	Pass
NVNT	ac20	5180	Ant0	5150	-46.79	2	50.44	Peak	68.2	Pass
NVNT	ac20	5180	Ant0	5150	-55.67	2	41.56	Average	54	Pass
NVNT	ac20	5240	Ant0	5350	-48.56	2	48.67	Peak	68.2	Pass
NVNT	ac20	5240	Ant0	5350	-58.51	2	38.72	Average	54	Pass
NVNT	ac20	5240	Ant0	5377.2	-46.76	2	50.47	Peak	68.2	Pass
NVNT	ac20	5240	Ant0	5359.92	-58.32	2	38.91	Average	54	Pass
NVNT	ac20	5240	Ant0	5460	-51.91	2	45.32	Peak	68.2	Pass
NVNT	ac20	5240	Ant0	5460	-59.6	2	37.63	Average	54	Pass
NVNT	ac40	5190	Ant0	4500	-51.48	2	45.75	Peak	68.2	Pass
NVNT	ac40	5190	Ant0	4500	-60.18	2	37.05	Average	54	Pass
NVNT	ac40	5190	Ant0	5149.7	-39.33	2	57.9	Peak	68.2	Pass
NVNT	ac40	5190	Ant0	5149.7	-51.31	2	45.92	Average	54	Pass
NVNT	ac40	5190	Ant0	5150	-39.33	2	57.9	Peak	68.2	Pass
NVNT	ac40	5190	Ant0	5150	-51.31	2	45.92	Average	54	Pass
NVNT	ac40	5230	Ant0	5350	-49.08	2	48.15	Peak	68.2	Pass
NVNT	ac40	5230	Ant0	5350	-58.25	2	38.98	Average	54	Pass
NVNT	ac40	5230	Ant0	5380.62	-46.59	2	50.64	Peak	68.2	Pass
NVNT	ac40	5230	Ant0	5350.11	-58.25	2	38.98	Average	54	Pass
NVNT	ac40	5230	Ant0	5460	-48.41	2	48.82	Peak	68.2	Pass
NVNT	ac40	5230	Ant0	5460	-59.52	2	37.71	Average	54	Pass
NVNT	ac80	5210	Ant0	5350	-49.72	2	47.51	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5350	-57.86	2	39.37	Average	54	Pass
NVNT	ac80	5210	Ant0	5374.86	-46.82	2	50.41	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5356.71	-57.34	2	39.89	Average	54	Pass
NVNT	ac80	5210	Ant0	5460	-50.72	2	46.51	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5460	-58.86	2	38.37	Average	54	Pass
NVNT	ac80	5210	Ant0	4500	-49.97	2	47.26	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	4500	-59.88	2	37.35	Average	54	Pass
NVNT	ac80	5210	Ant0	5147.01	-34.46	2	62.77	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5149.38	-44.28	2	52.95	Average	54	Pass
NVNT	ac80	5210	Ant0	5150	-34.21	2	63.02	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5150	-44.18	2	53.05	Average	54	Pass
NVNT	ax20	5180	Ant0	4500	-51.62	2	45.61	Peak	68.2	Pass
NVNT	ax20	5180	Ant0	4500	-60.34	2	36.89	Average	54	Pass
NVNT	ax20	5180	Ant0	5148.2	-44.26	2	52.97	Peak	68.2	Pass
NVNT	ax20	5180	Ant0	5149.6	-56.07	2	41.16	Average	54	Pass
NVNT	ax20	5180	Ant0	5150	-47.5	2	49.73	Peak	68.2	Pass
NVNT	ax20	5180	Ant0	5150	-55.83	2	41.4	Average	54	Pass

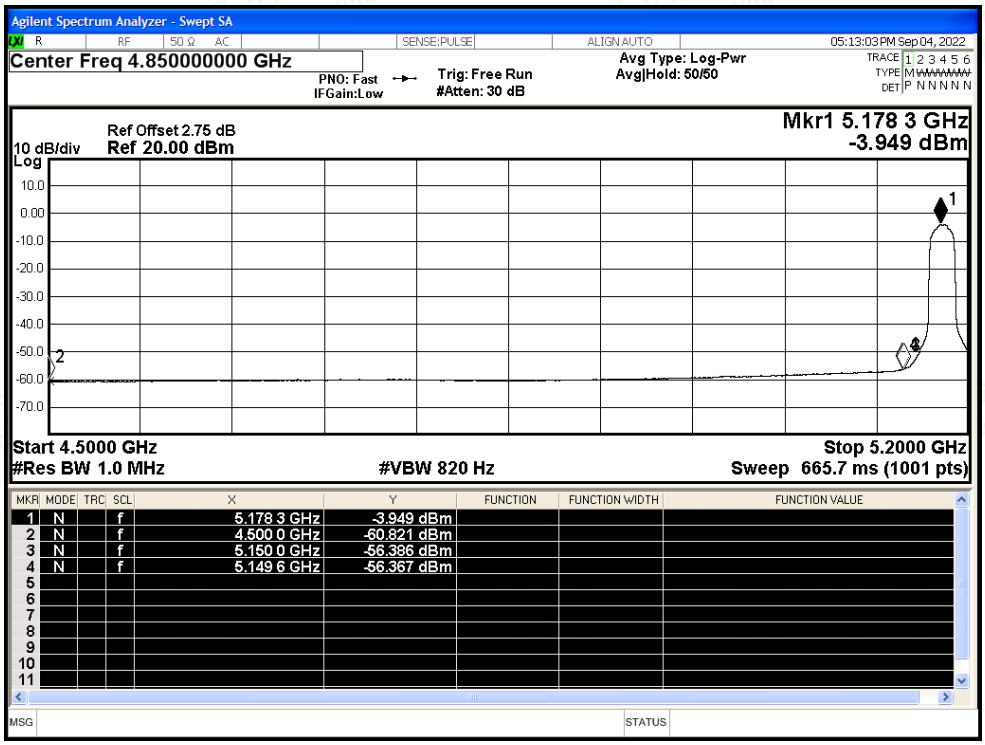
NVNT	ax20	5240	Ant0	5350	-46.2	2	51.03	Peak	68.2	Pass
NVNT	ax20	5240	Ant0	5350	-58.05	2	39.18	Average	54	Pass
NVNT	ax20	5240	Ant0	5350.08	-46.2	2	51.03	Peak	68.2	Pass
NVNT	ax20	5240	Ant0	5373.36	-57.6	2	39.63	Average	54	Pass
NVNT	ax20	5240	Ant0	5460	-50.39	2	46.84	Peak	68.2	Pass
NVNT	ax20	5240	Ant0	5460	-59.33	2	37.9	Average	54	Pass
NVNT	ax40	5190	Ant0	4500	-51.47	2	45.76	Peak	68.2	Pass
NVNT	ax40	5190	Ant0	4500	-60.03	2	37.2	Average	54	Pass
NVNT	ax40	5190	Ant0	5149.7	-34.78	2	62.45	Peak	68.2	Pass
NVNT	ax40	5190	Ant0	5149.7	-47.5	2	49.73	Average	54	Pass
NVNT	ax40	5190	Ant0	5150	-34.78	2	62.45	Peak	68.2	Pass
NVNT	ax40	5190	Ant0	5150	-47.5	2	49.73	Average	54	Pass
NVNT	ax40	5230	Ant0	5350	-48.9	2	48.33	Peak	68.2	Pass
NVNT	ax40	5230	Ant0	5350	-57.87	2	39.36	Average	54	Pass
NVNT	ax40	5230	Ant0	5394.12	-47.41	2	49.82	Peak	68.2	Pass
NVNT	ax40	5230	Ant0	5352	-57.42	2	39.81	Average	54	Pass
NVNT	ax40	5230	Ant0	5460	-50.76	2	46.47	Peak	68.2	Pass
NVNT	ax40	5230	Ant0	5460	-58.64	2	38.59	Average	54	Pass
NVNT	ax80	5210	Ant0	5350	-48.97	2	48.26	Peak	68.2	Pass
NVNT	ax80	5210	Ant0	5350	-57.19	2	40.04	Average	54	Pass
NVNT	ax80	5210	Ant0	5364.96	-46.46	2	50.77	Peak	68.2	Pass
NVNT	ax80	5210	Ant0	5369.91	-56.28	2	40.95	Average	54	Pass
NVNT	ax80	5210	Ant0	5460	-50.84	2	46.39	Peak	68.2	Pass
NVNT	ax80	5210	Ant0	5460	-58.09	2	39.14	Average	54	Pass
NVNT	ax80	5210	Ant0	4500	-52	2	45.23	Peak	68.2	Pass
NVNT	ax80	5210	Ant0	4500	-59.45	2	37.78	Average	54	Pass
NVNT	ax80	5210	Ant0	5149.38	-36.99	2	60.24	Peak	68.2	Pass
NVNT	ax80	5210	Ant0	5149.38	-46.01	2	51.22	Average	54	Pass
NVNT	ax80	5210	Ant0	5150	-38.4	2	58.83	Peak	68.2	Pass
NVNT	ax80	5210	Ant0	5150	-45.82	2	51.41	Average	54	Pass

Test Graphs

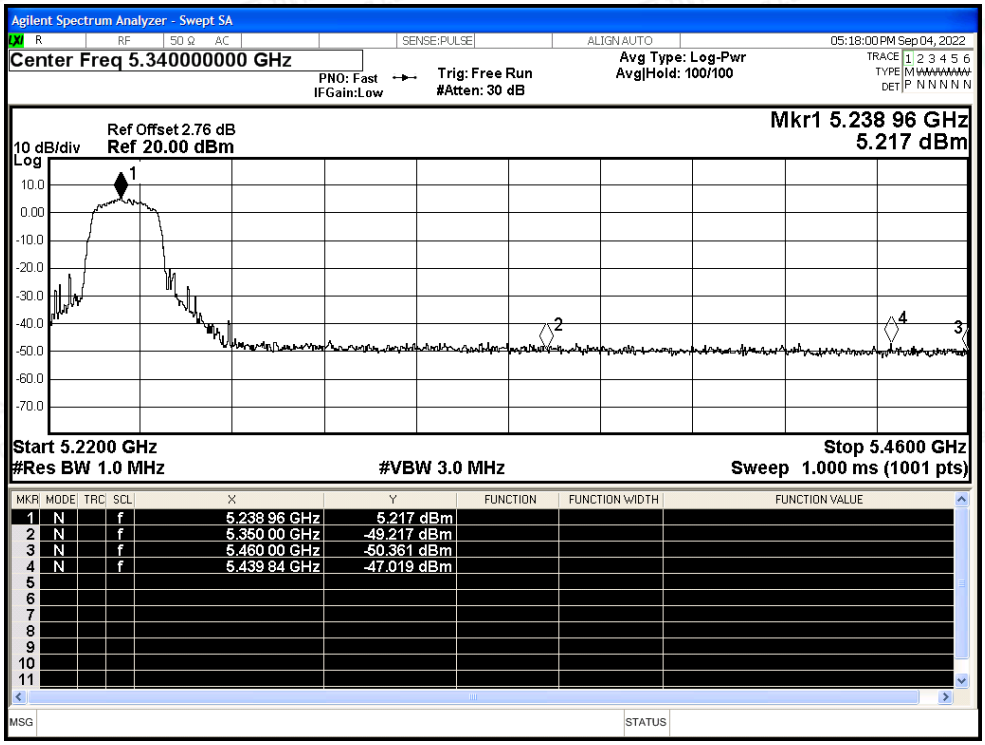
Restrict Band NVNT a 5180MHz Ant0 Peak



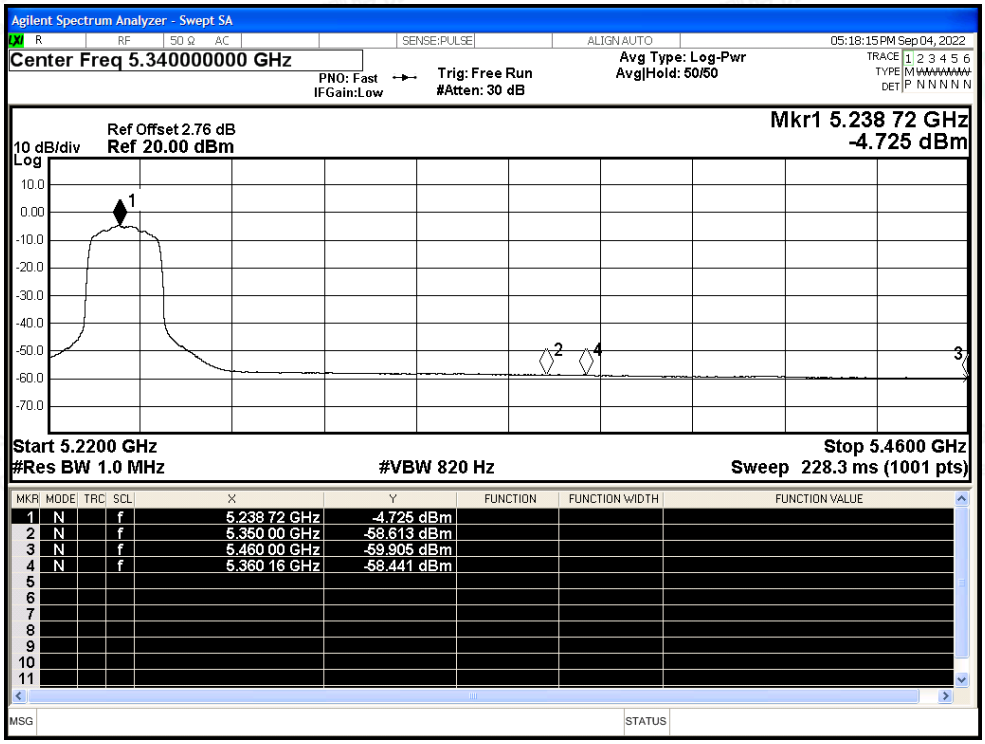
Restrict Band NVNT a 5180MHz Ant0 Average



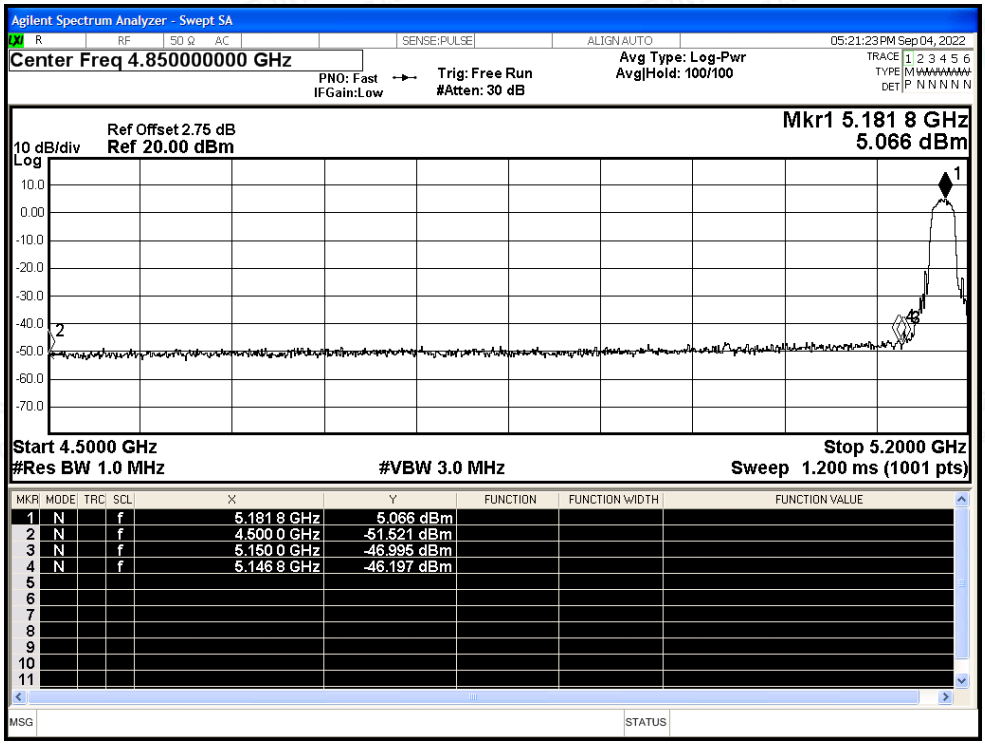
Restrict Band NVNT a 5240MHz Ant0 Peak



Restrict Band NVNT a 5240MHz Ant0 Average



Restrict Band NVNT n20 5180MHz Ant0 Peak



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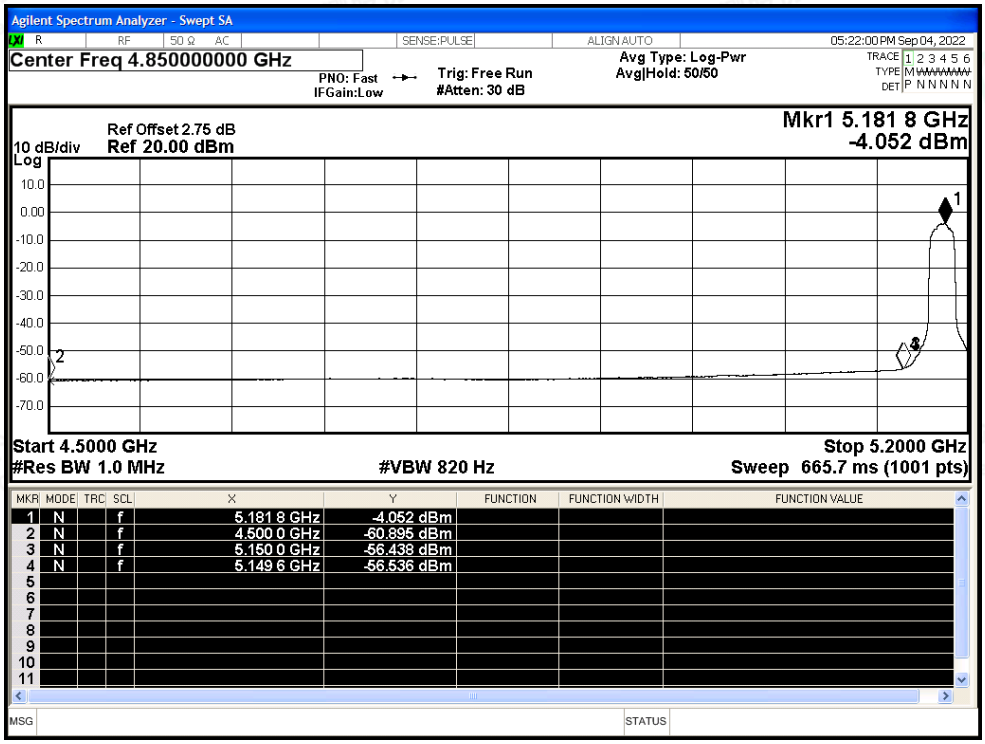
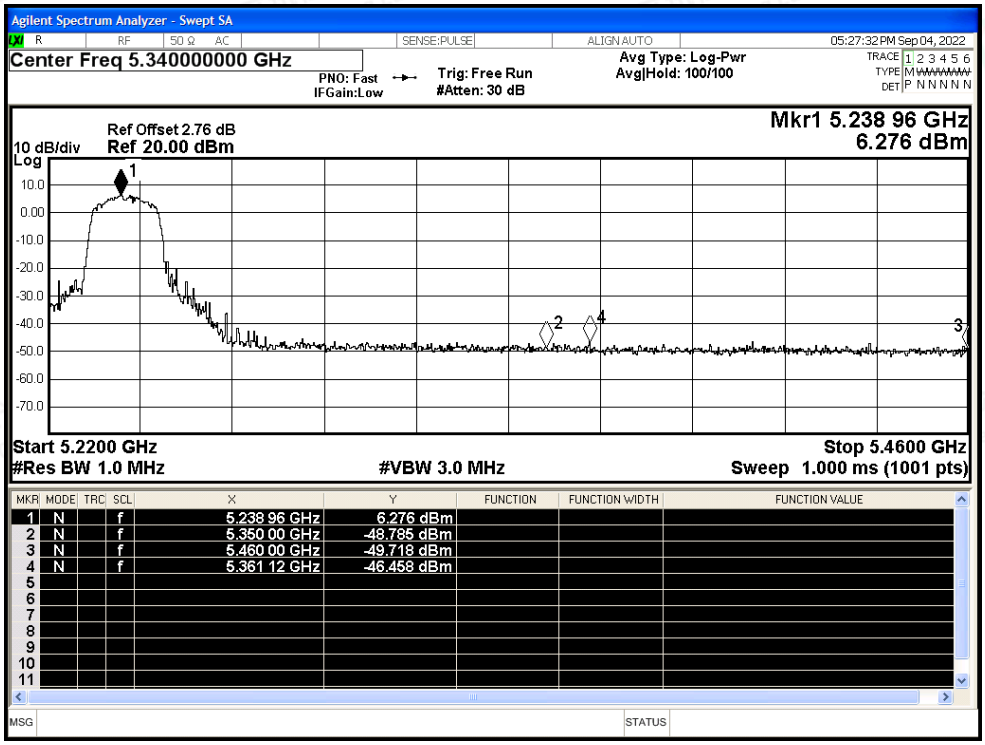
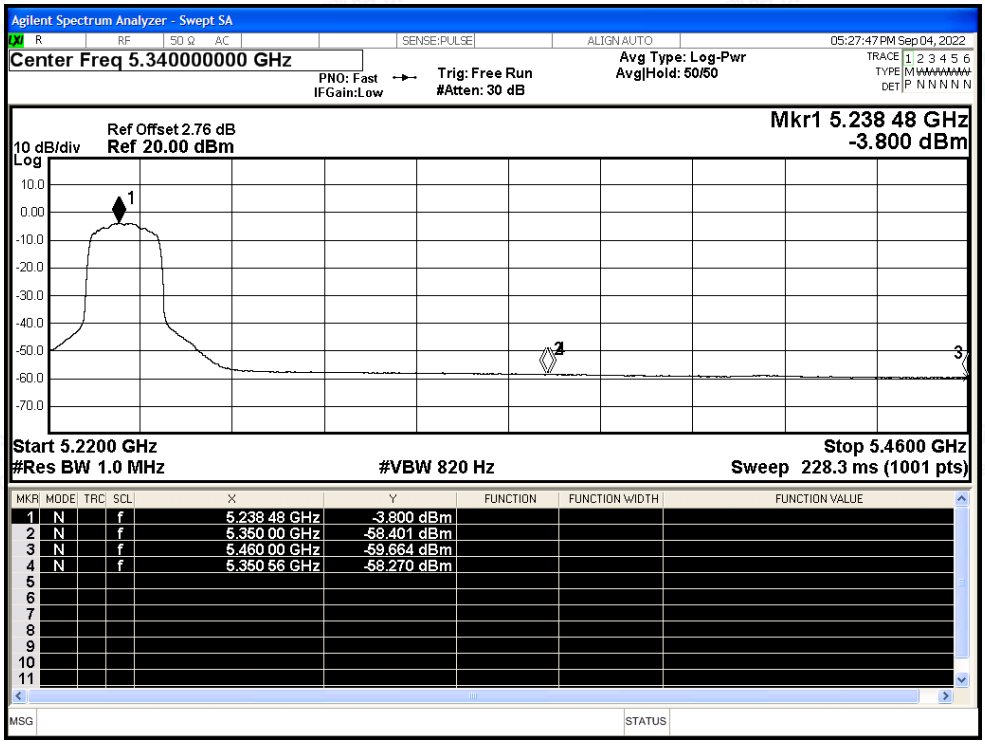


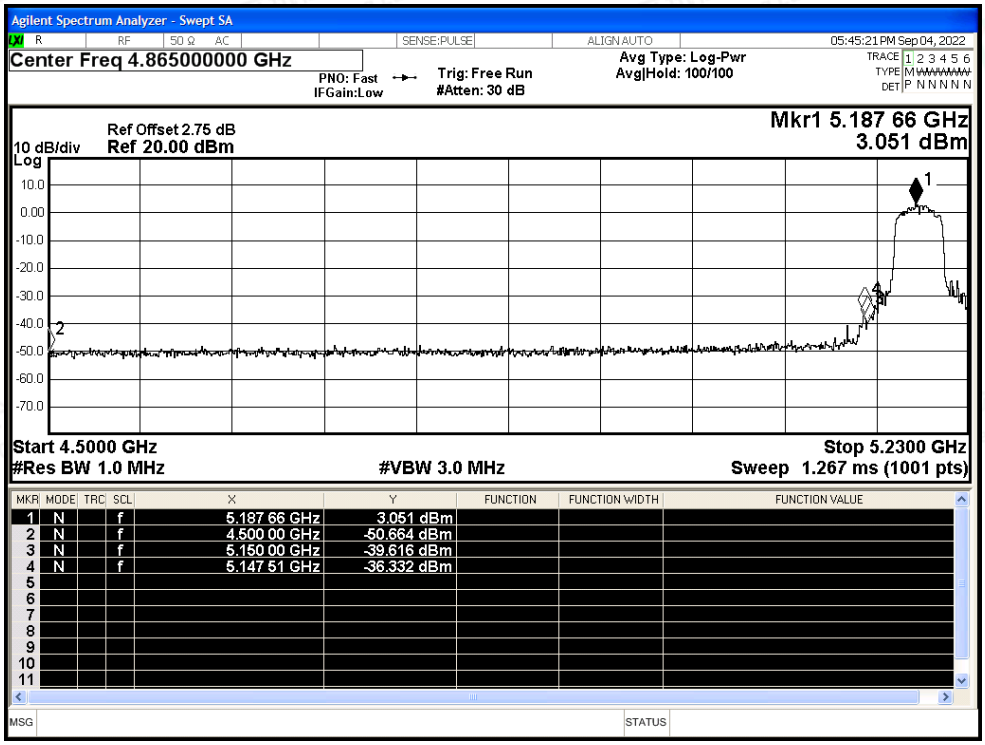
Restrict Band NVNT n20 5240MHz Ant0 Peak



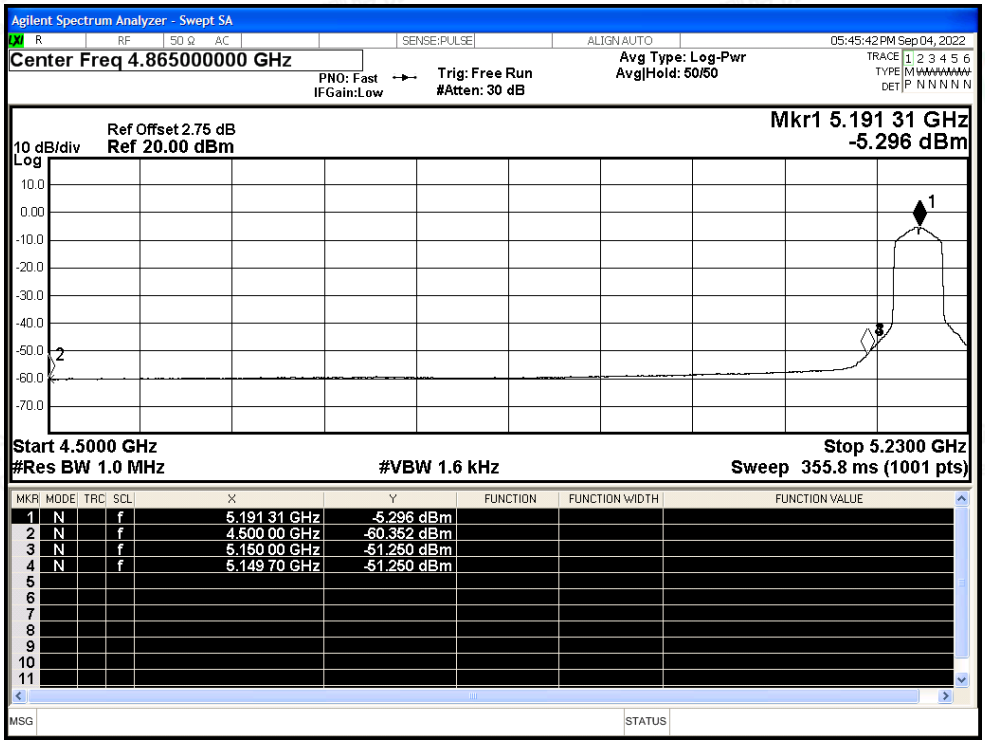
Restrict Band NVNT n20 5240MHz Ant0 Average



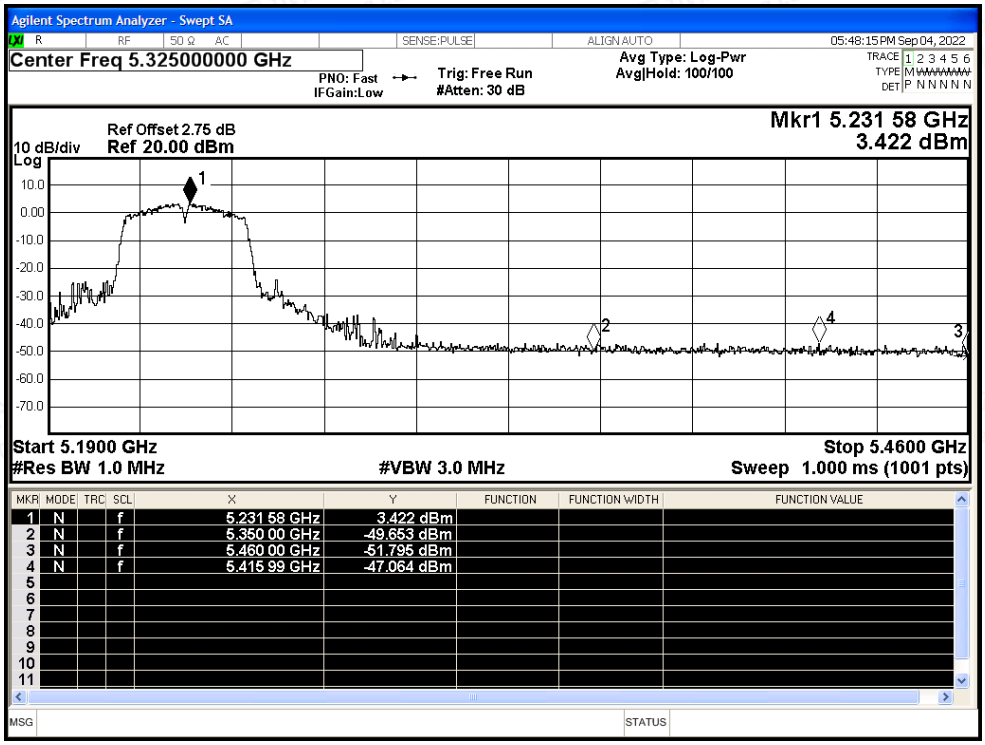
Restrict Band NVNT n40 5190MHz Ant0 Peak



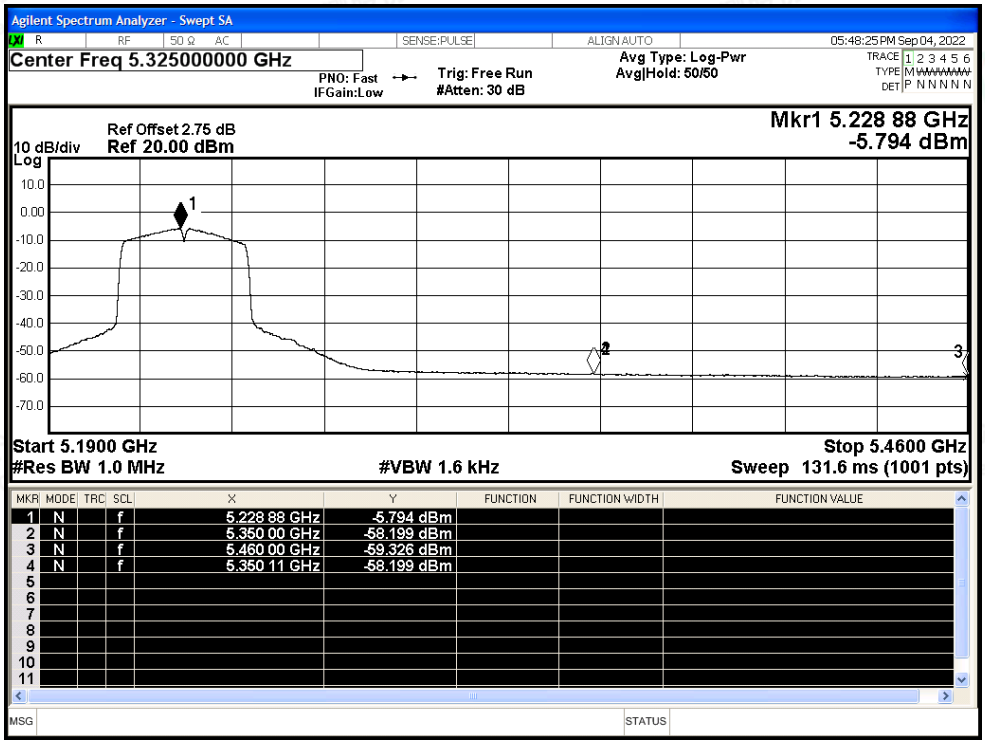
Restrict Band NVNT n40 5190MHz Ant0 Average



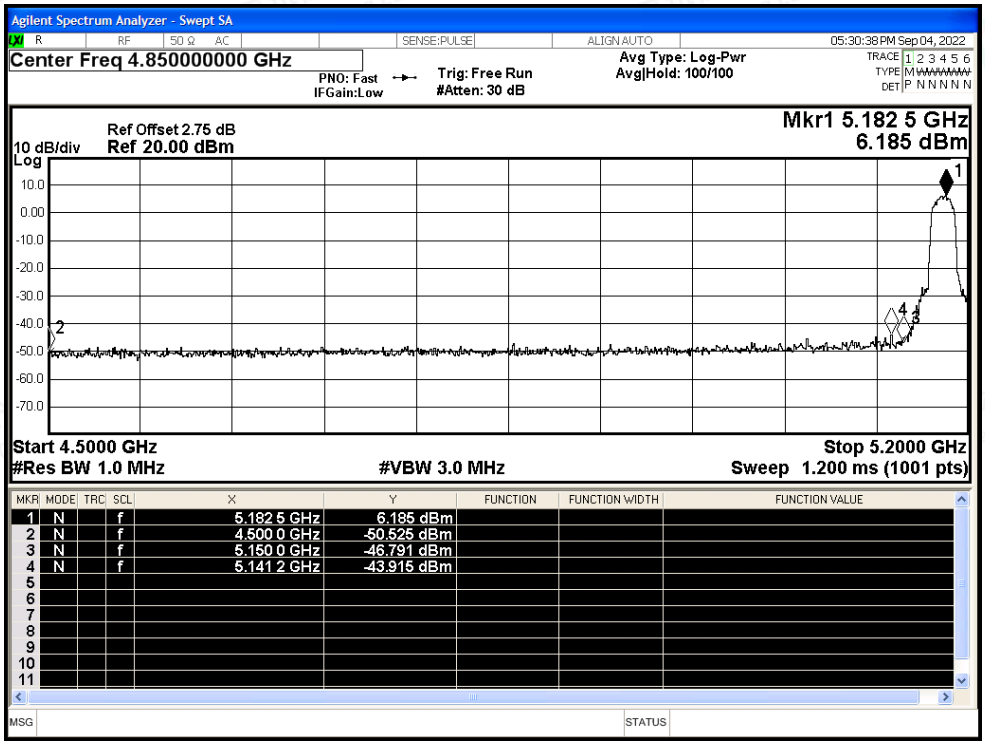
Restrict Band NVNT n40 5230MHz Ant0 Peak



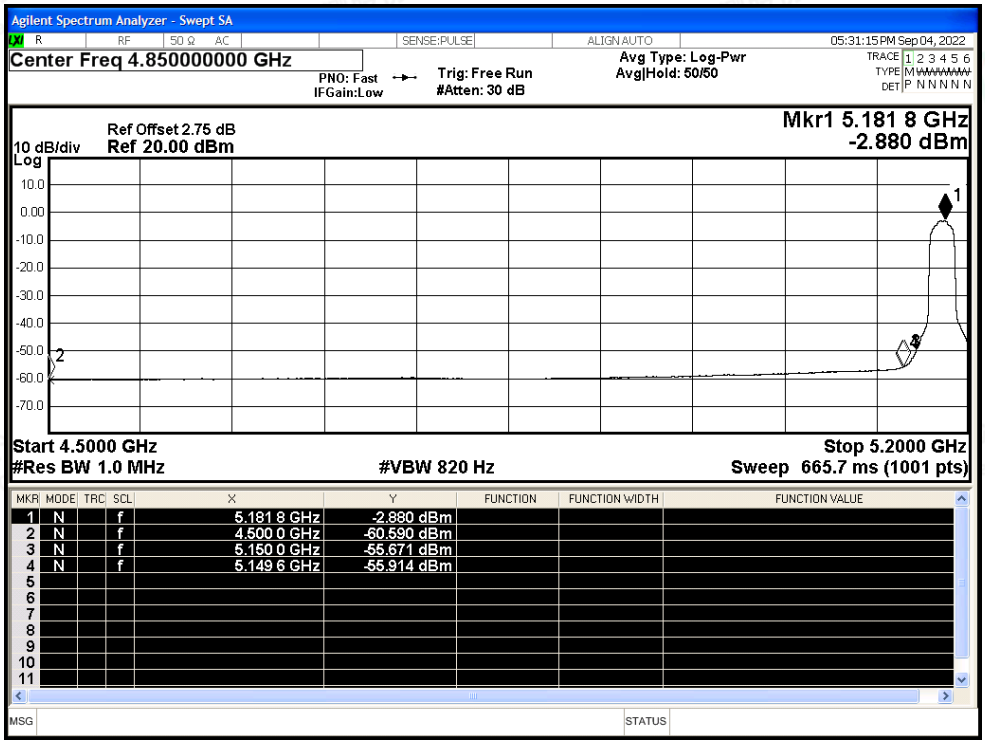
Restrict Band NVNT n40 5230MHz Ant0 Average



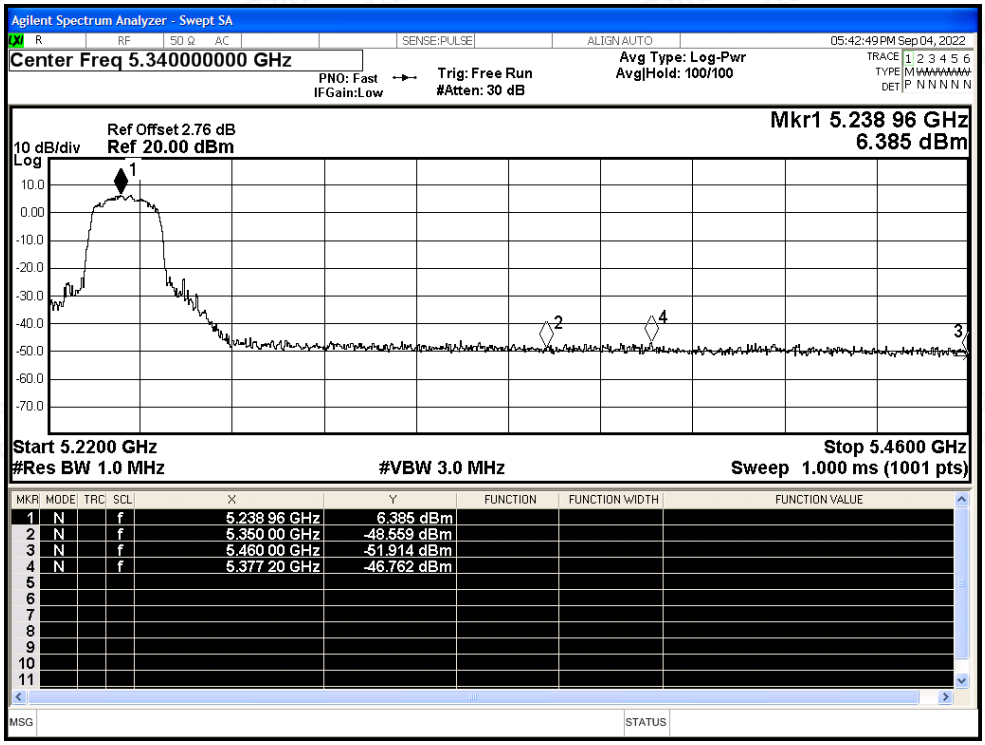
Restrict Band NVNT ac20 5180MHz Ant0 Peak



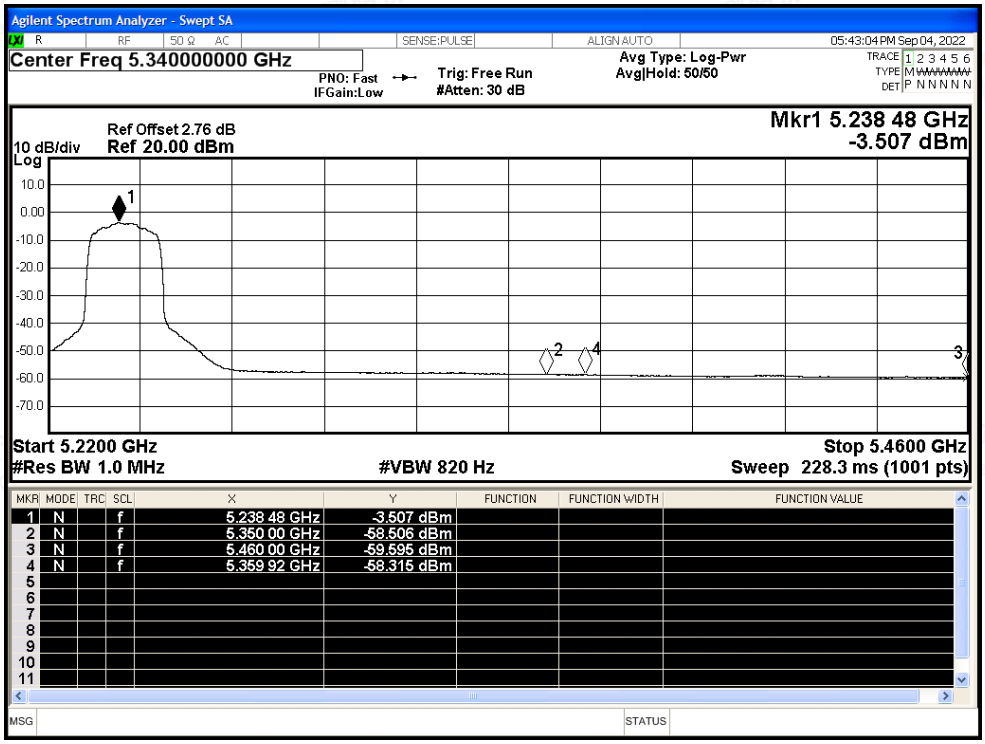
Restrict Band NVNT ac20 5180MHz Ant0 Average



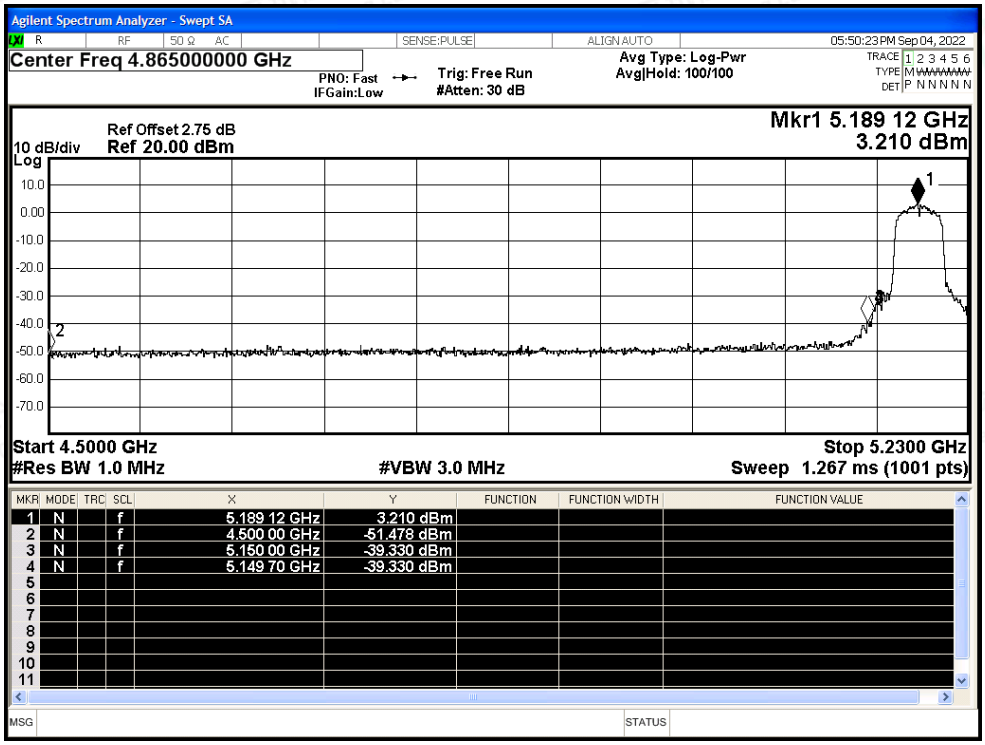
Restrict Band NVNT ac20 5240MHz Ant0 Peak



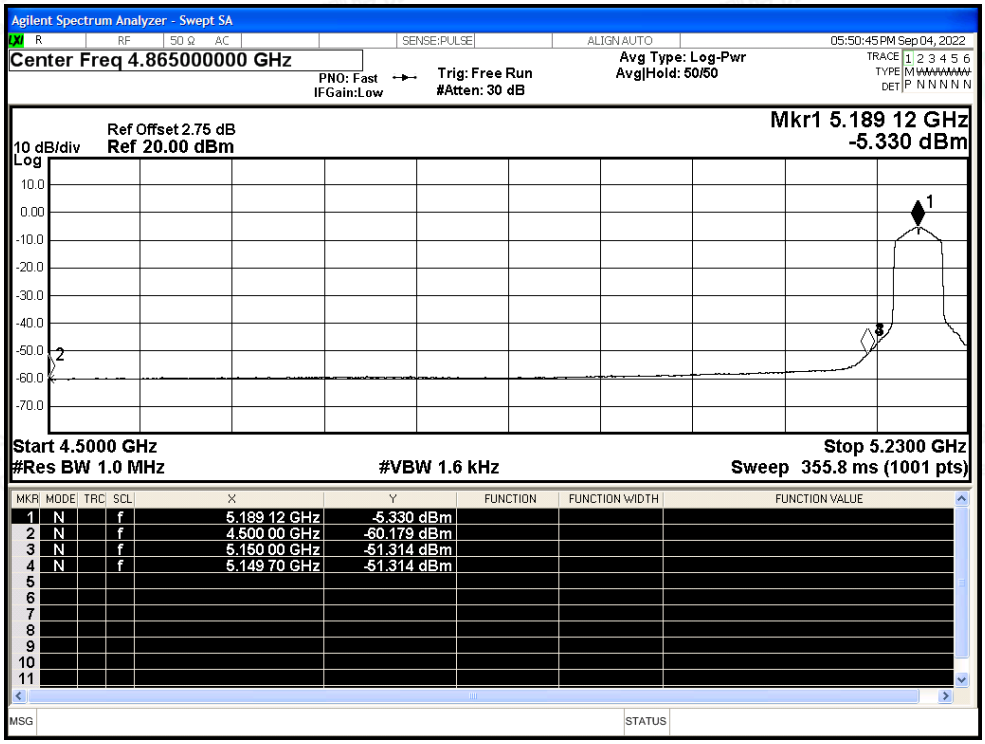
Restrict Band NVNT ac20 5240MHz Ant0 Average



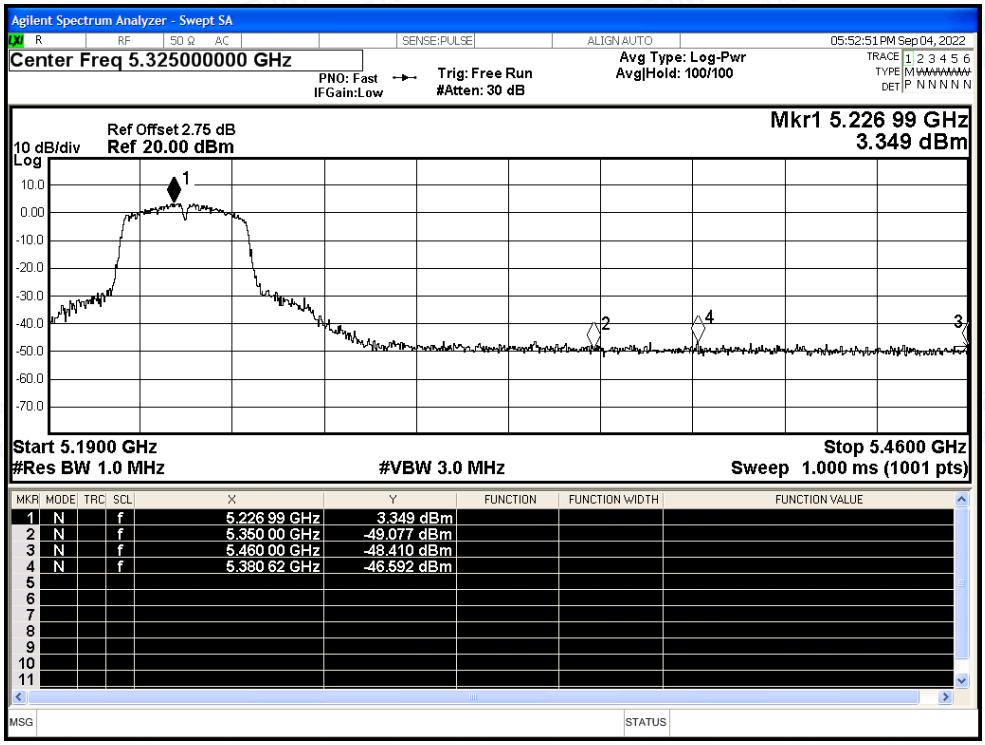
Restrict Band NVNT ac40 5190MHz Ant0 Peak



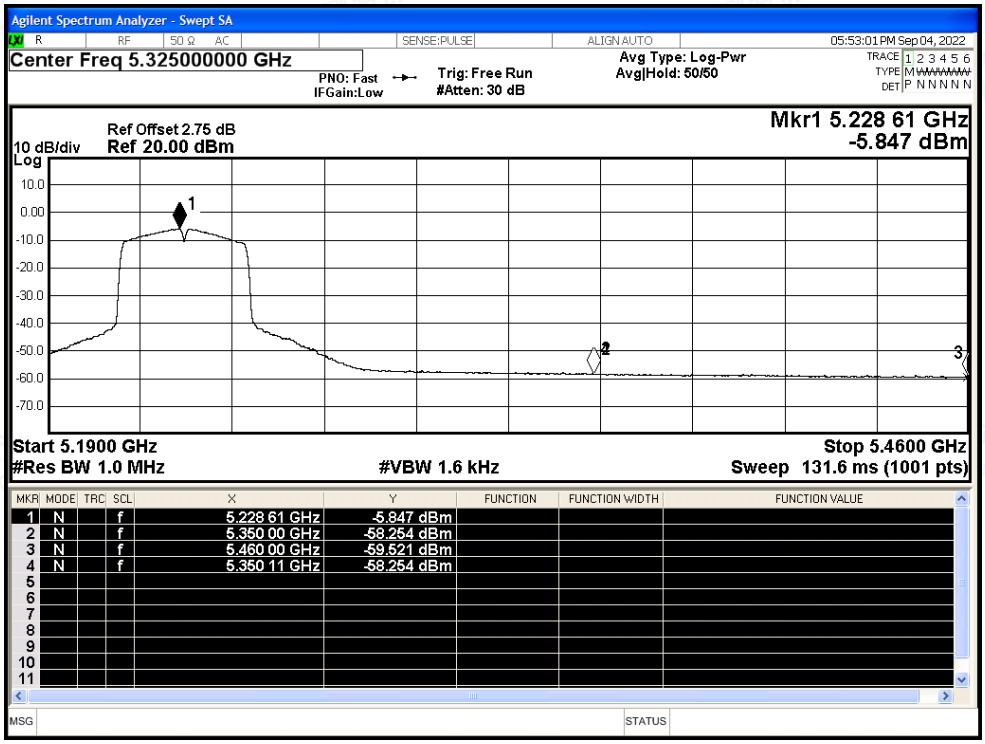
Restrict Band NVNT ac40 5190MHz Ant0 Average



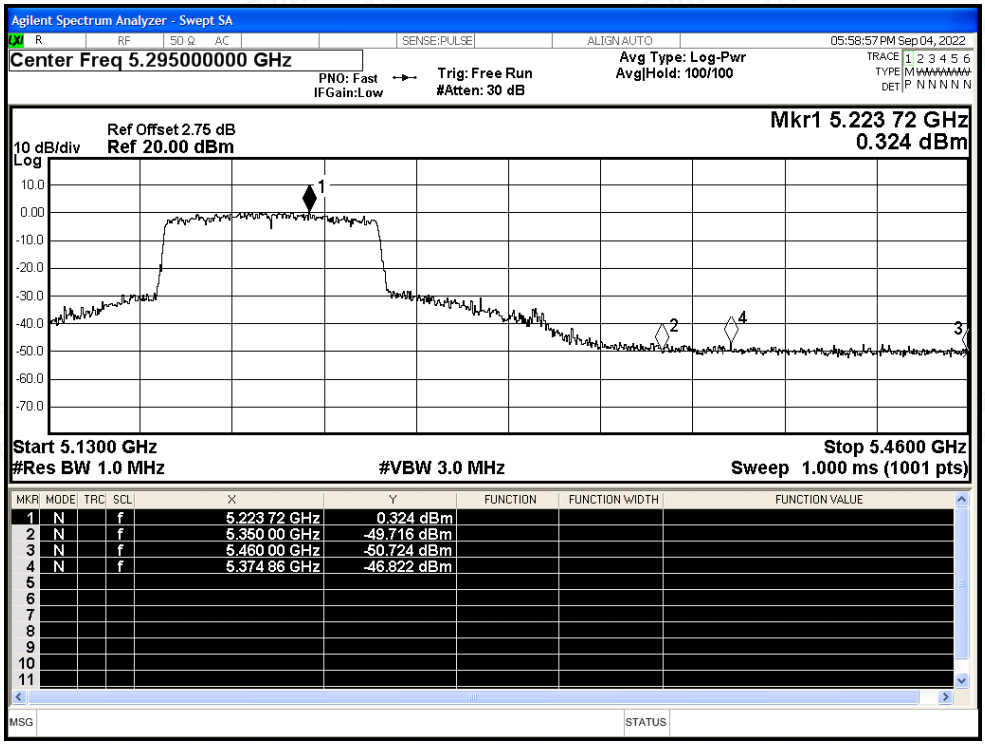
Restrict Band NVNT ac40 5230MHz Ant0 Peak



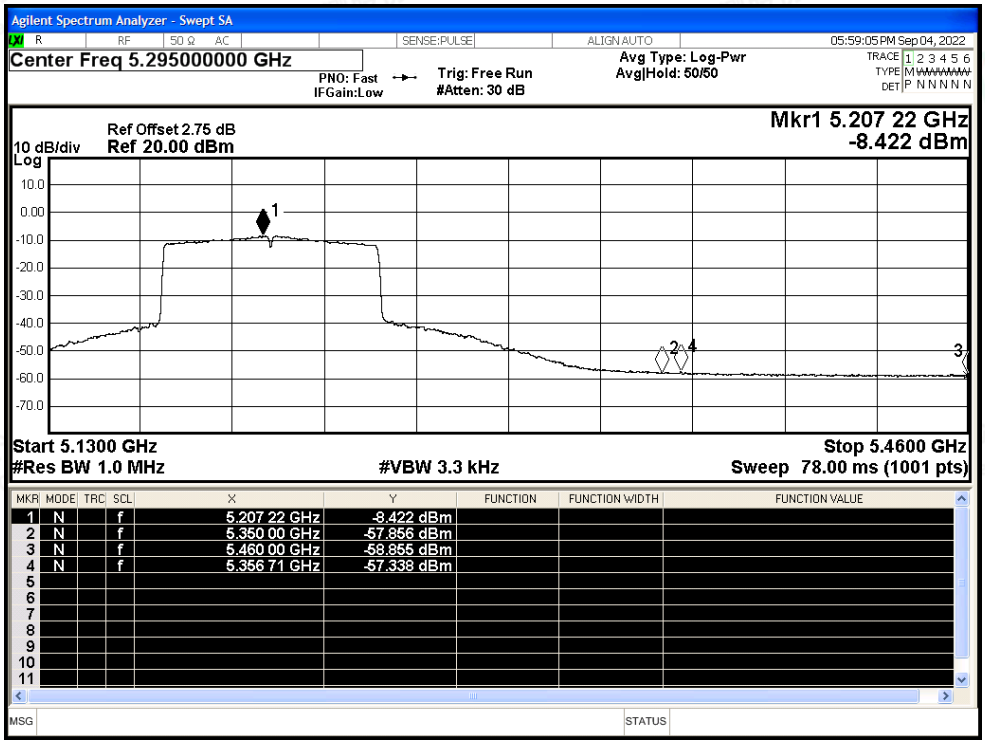
Restrict Band NVNT ac40 5230MHz Ant0 Average



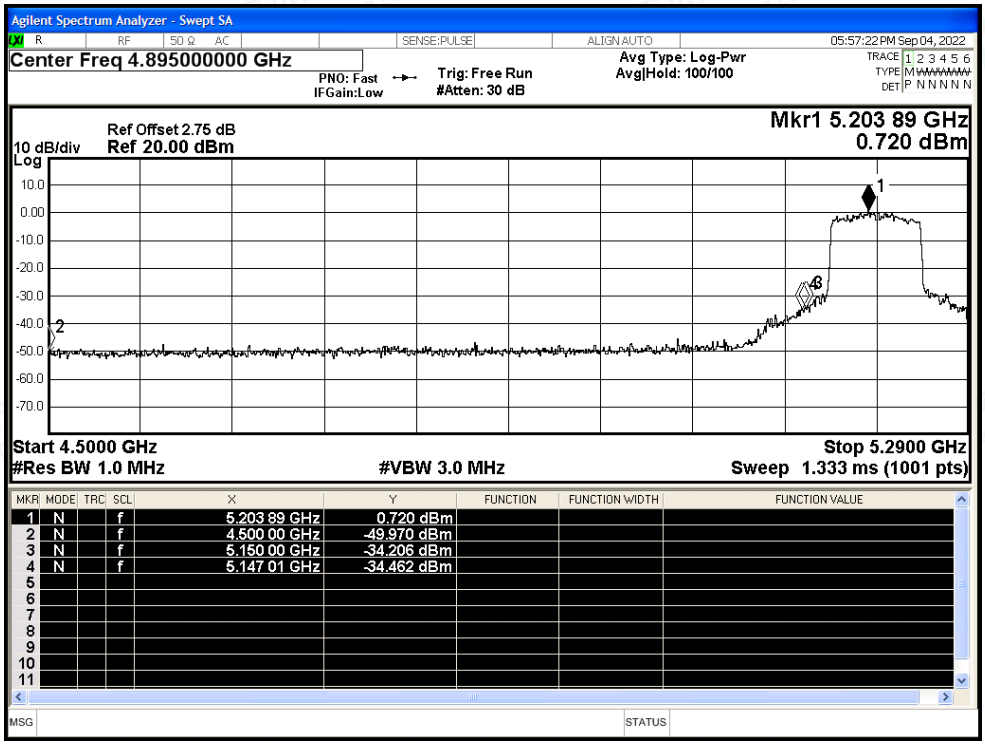
Restrict Band NVNT ac80 5210MHz Ant0 Peak



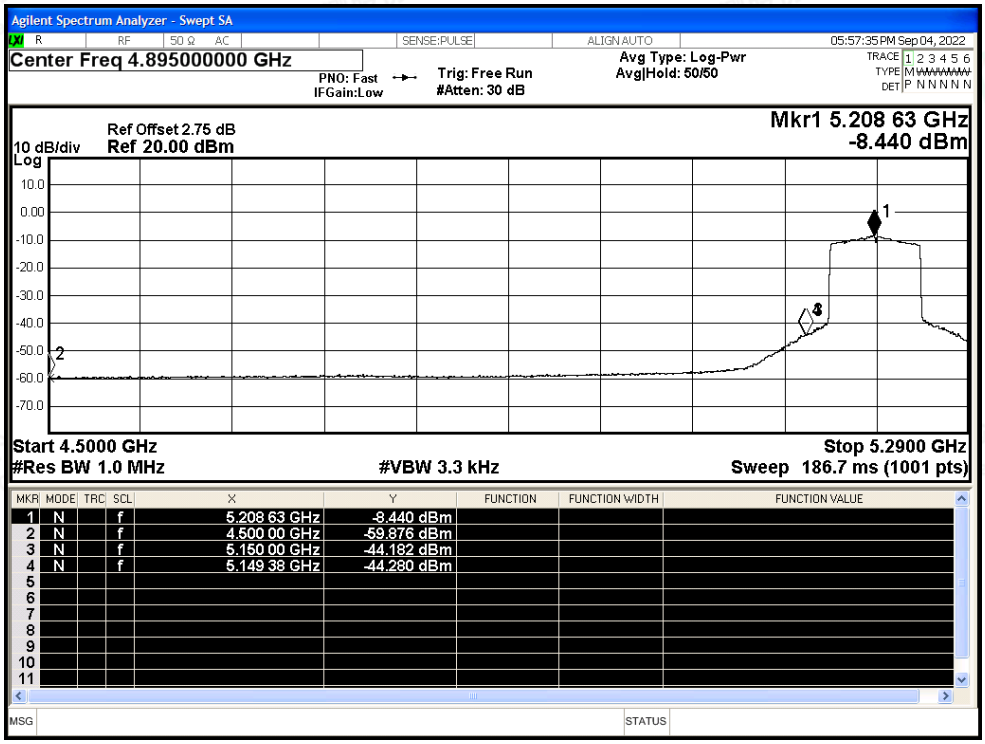
Restrict Band NVNT ac80 5210MHz Ant0 Average



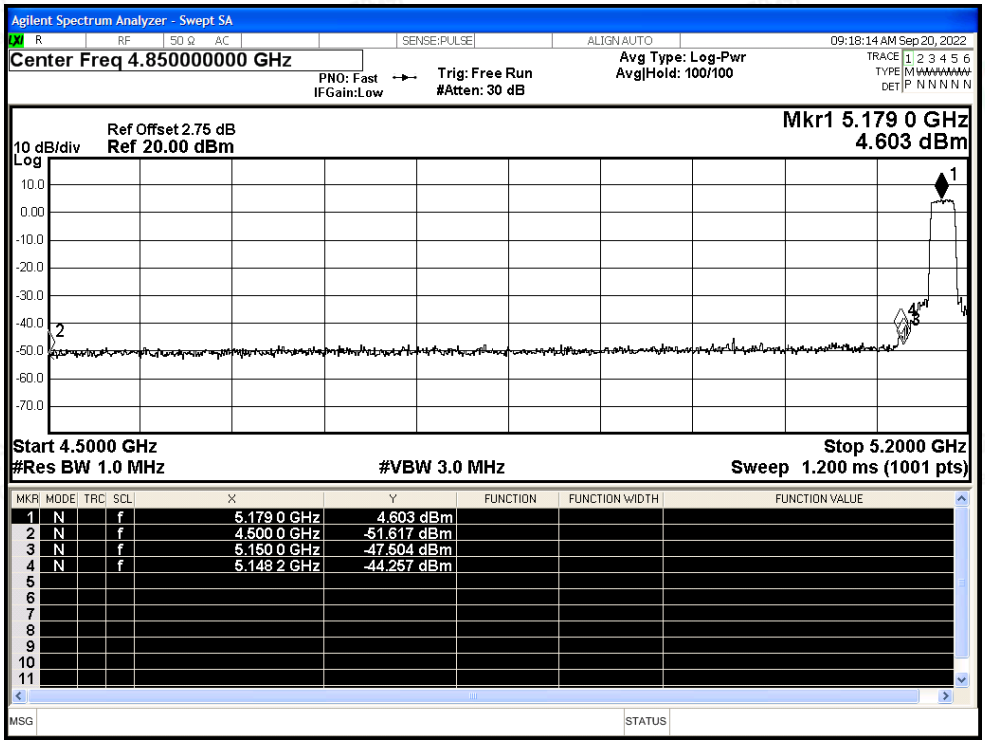
Restrict Band NVNT ac80 5210MHz Ant0 Peak



Restrict Band NVNT ac80 5210MHz Ant0 Average



Restrict Band NVNT ax20 5180MHz Ant0 Peak



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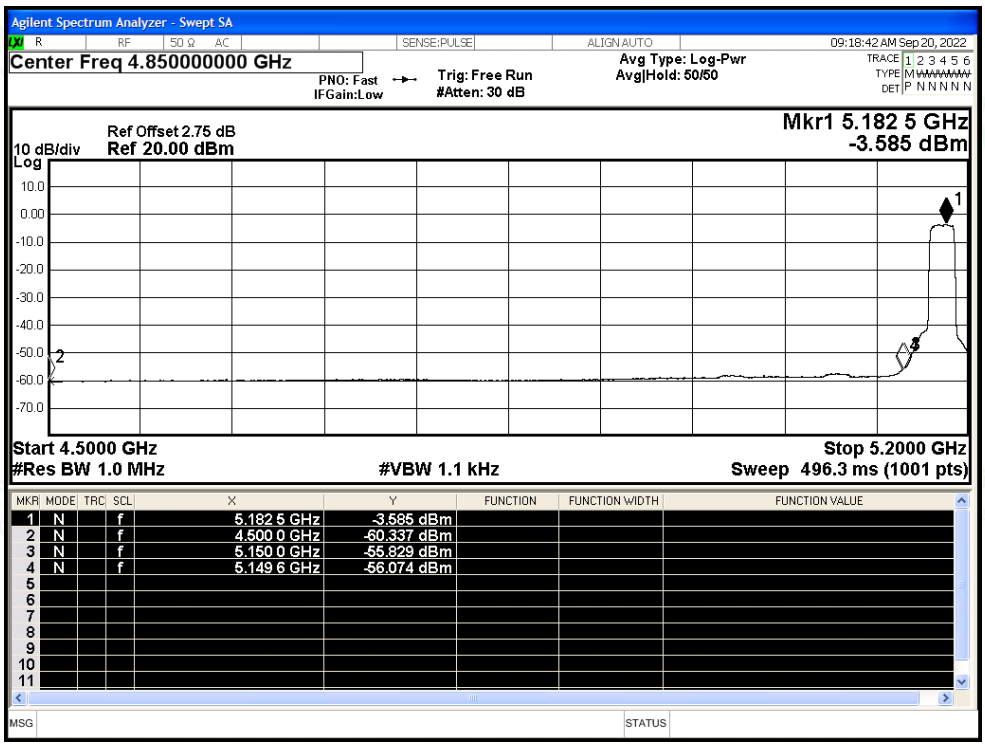
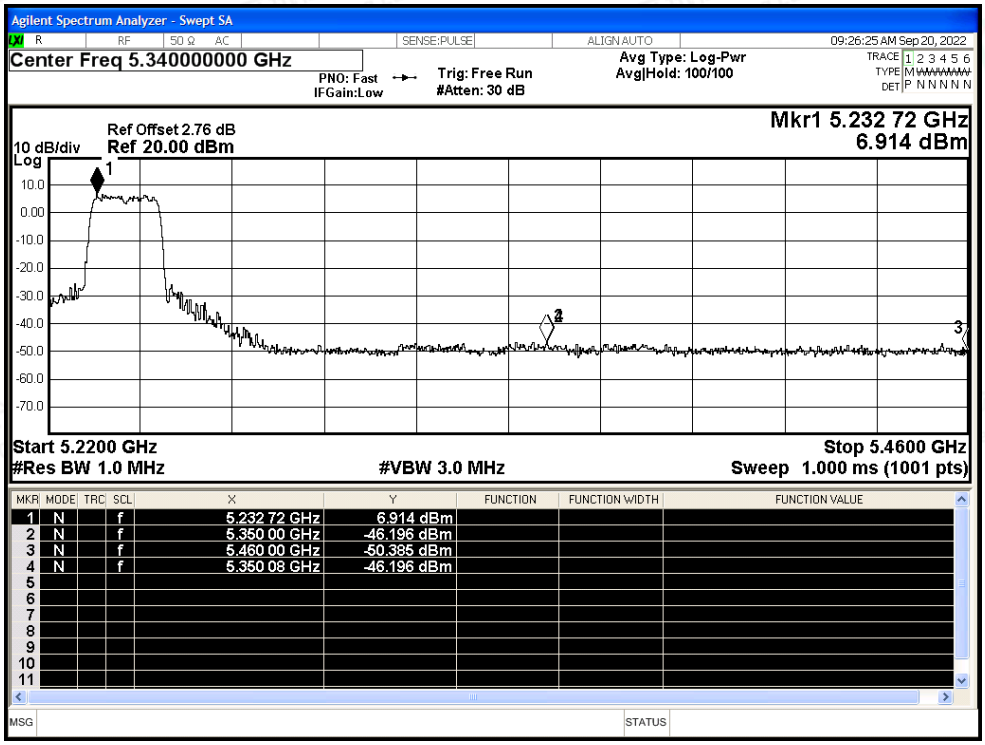
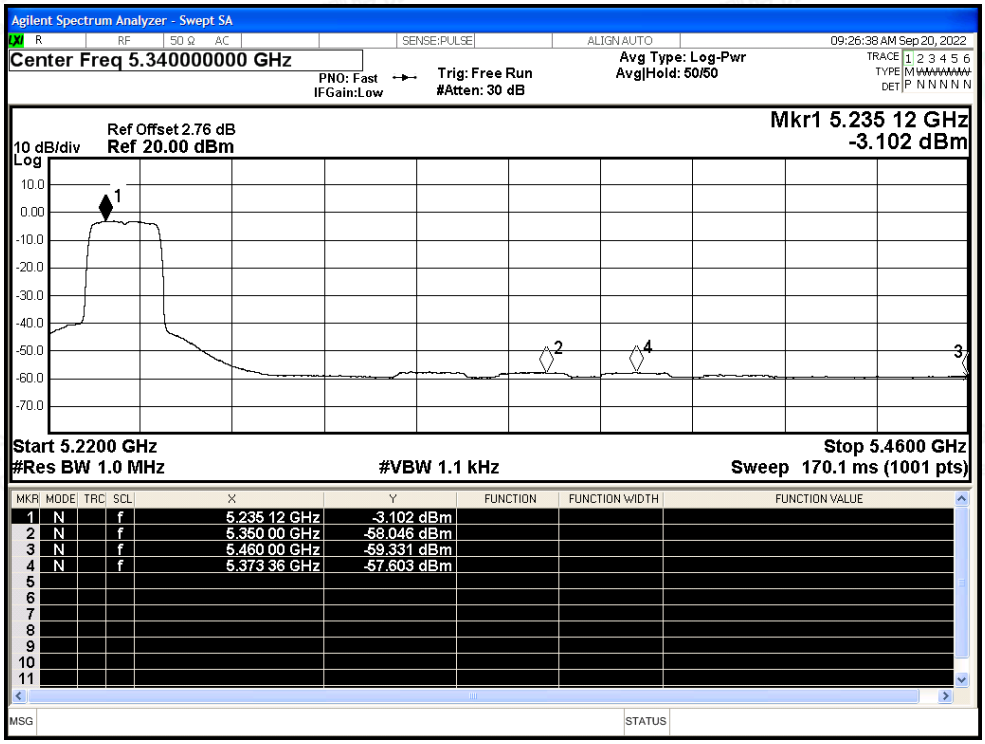


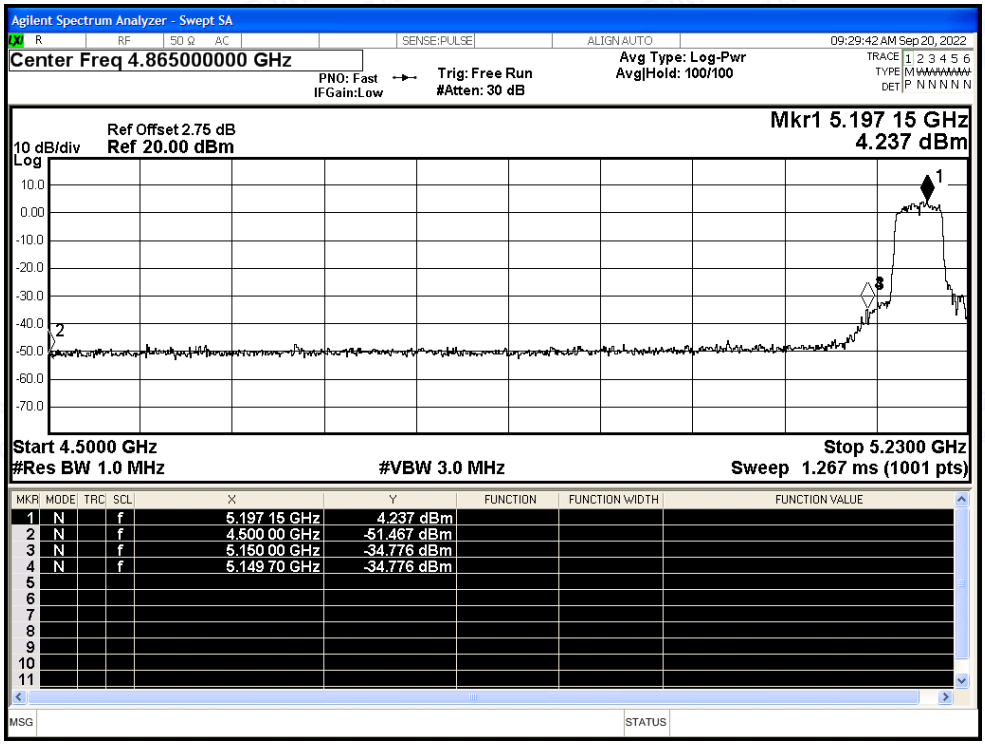
Restrict Band NVNT ax20 5240MHz Ant0 Peak



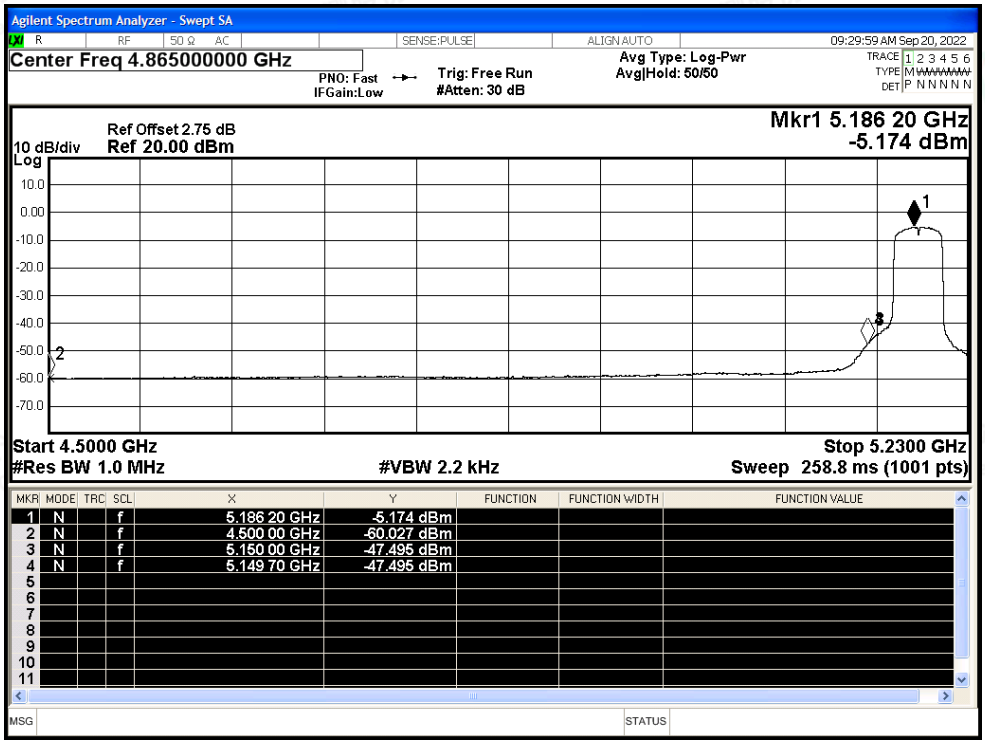
Restrict Band NVNT ax20 5240MHz Ant0 Average



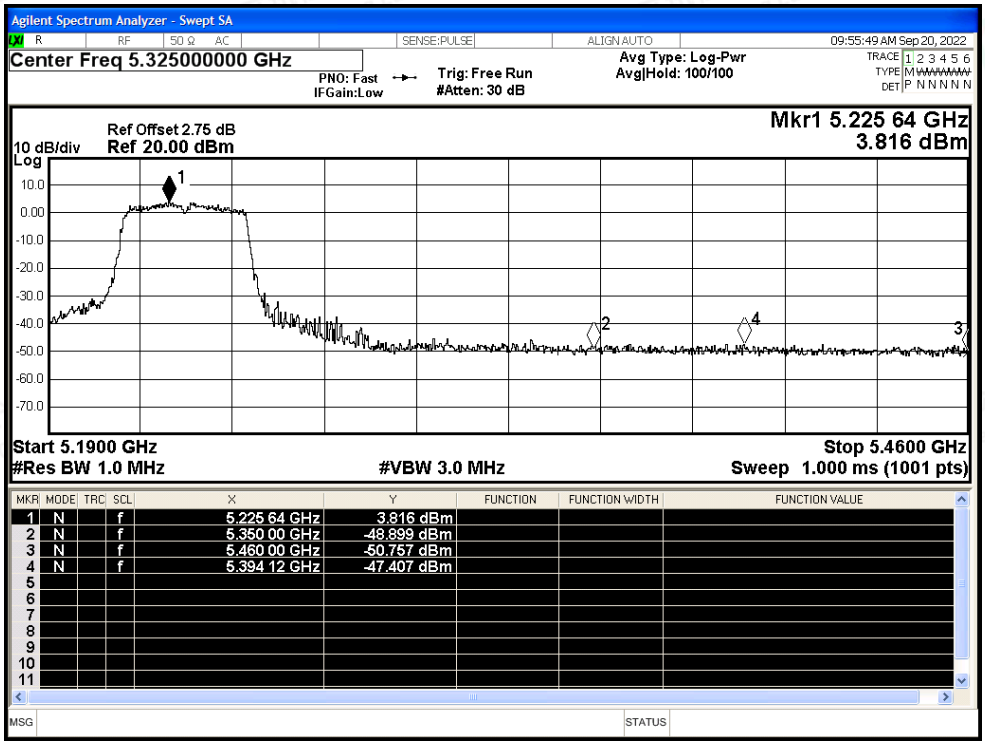
Restrict Band NVNT ax40 5190MHz Ant0 Peak



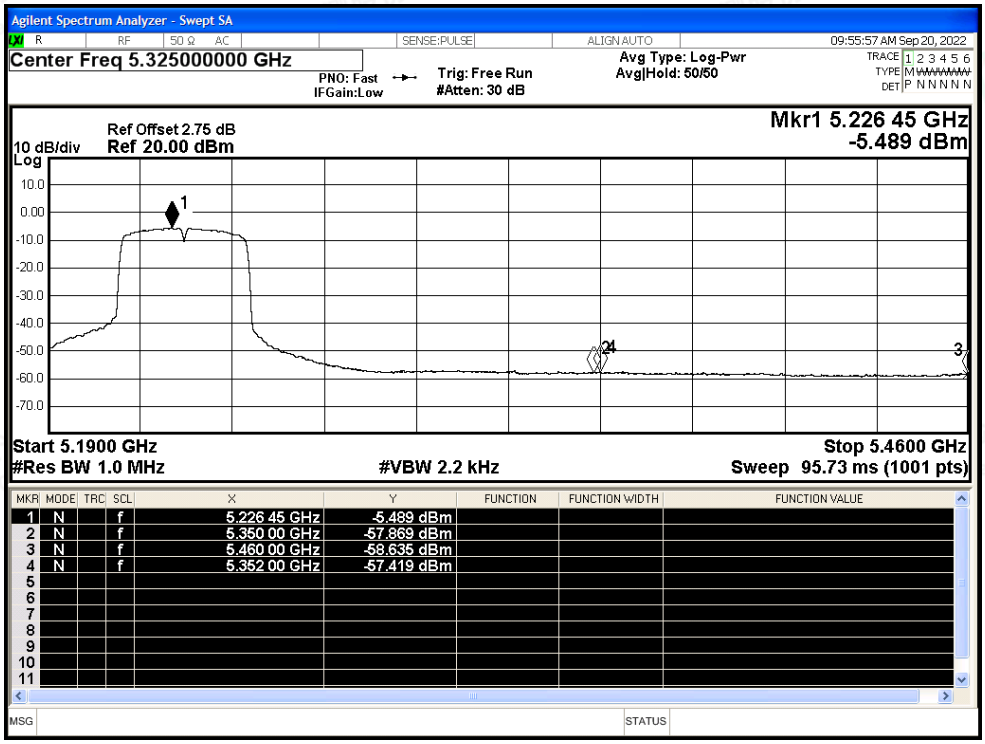
Restrict Band NVNT ax40 5190MHz Ant0 Average



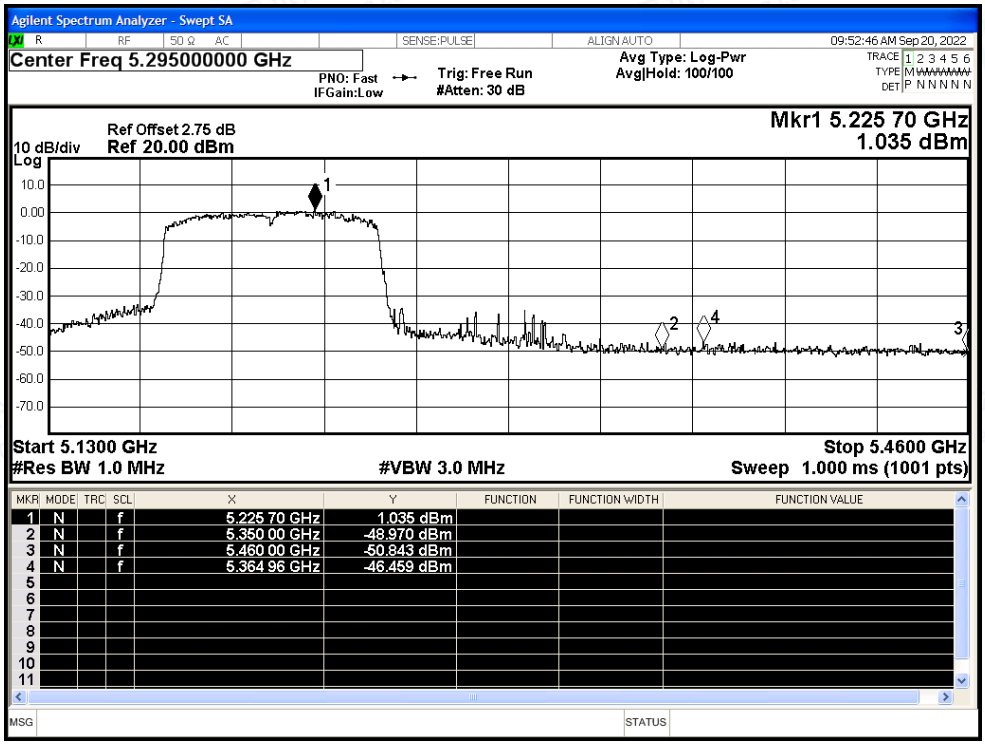
Restrict Band NVNT ax40 5230MHz Ant0 Peak



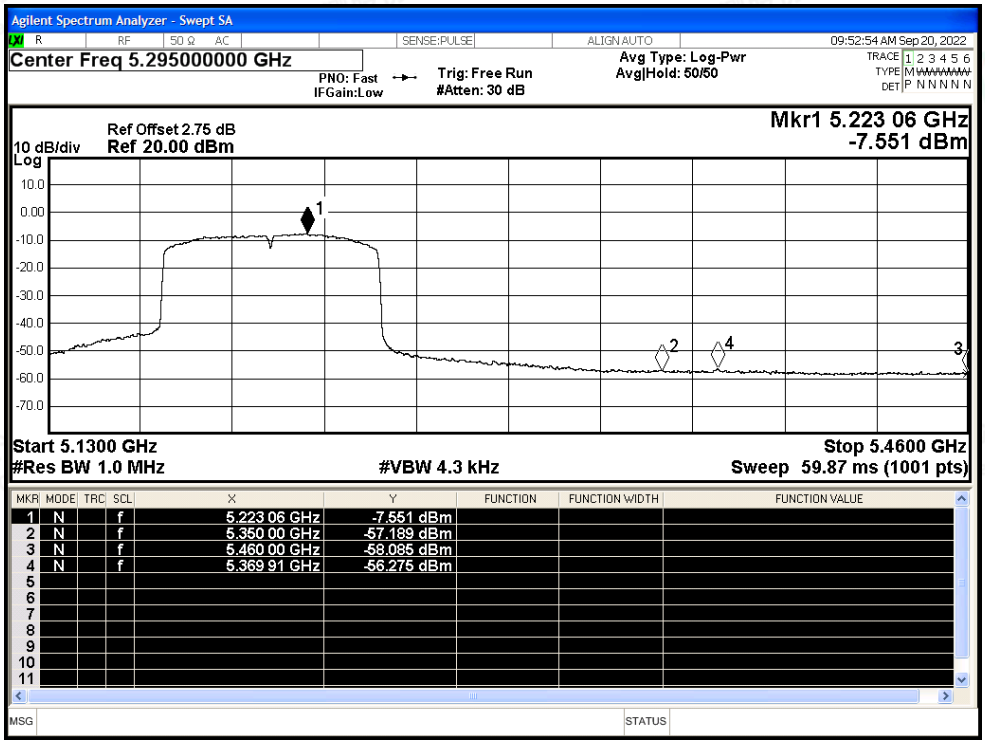
Restrict Band NVNT ax40 5230MHz Ant0 Average



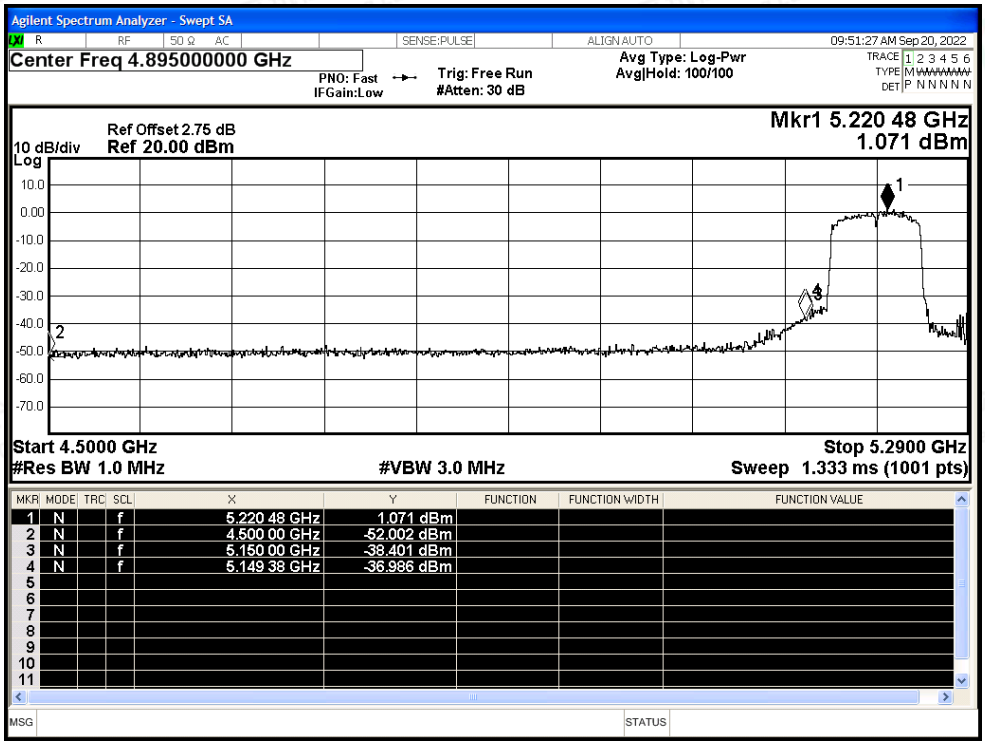
Restrict Band NVNT ax80 5210MHz Ant0 Peak



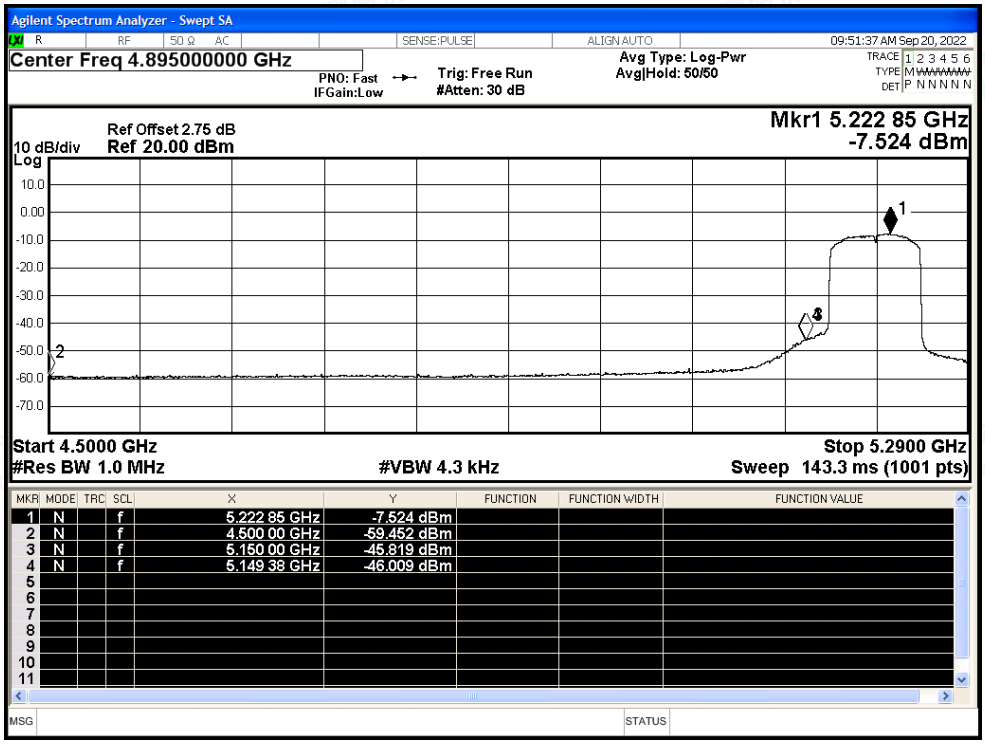
Restrict Band NVNT ax80 5210MHz Ant0 Average



Restrict Band NVNT ax80 5210MHz Ant0 Peak



Restrict Band NVNT ax80 5210MHz Ant0 Average



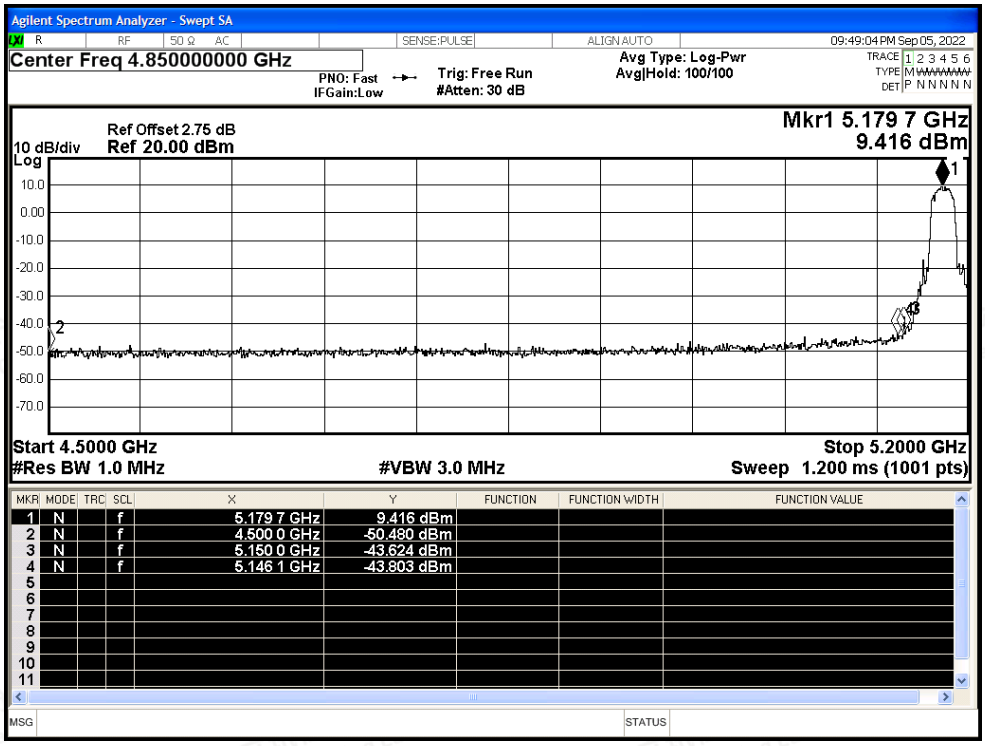
Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5180	Ant1	4500	-50.48	2	46.75	Peak	68.2	Pass
NVNT	a	5180	Ant1	4500	-60.68	2	36.55	Average	54	Pass
NVNT	a	5180	Ant1	5146.1	-43.8	2	53.43	Peak	68.2	Pass
NVNT	a	5180	Ant1	5149.6	-53.92	2	43.31	Average	54	Pass
NVNT	a	5180	Ant1	5150	-43.62	2	53.61	Peak	68.2	Pass
NVNT	a	5180	Ant1	5150	-53.84	2	43.39	Average	54	Pass
NVNT	a	5240	Ant1	5350	-48.43	2	48.8	Peak	68.2	Pass
NVNT	a	5240	Ant1	5350	-57.44	2	39.79	Average	54	Pass
NVNT	a	5240	Ant1	5368.32	-46.26	2	50.97	Peak	68.2	Pass
NVNT	a	5240	Ant1	5359.92	-57.29	2	39.94	Average	54	Pass
NVNT	a	5240	Ant1	5460	-49.34	2	47.89	Peak	68.2	Pass
NVNT	a	5240	Ant1	5460	-59.54	2	37.69	Average	54	Pass
NVNT	n20	5180	Ant1	4500	-50.9	2	46.33	Peak	68.2	Pass
NVNT	n20	5180	Ant1	4500	-60.58	2	36.65	Average	54	Pass
NVNT	n20	5180	Ant1	5144	-41.99	2	55.24	Peak	68.2	Pass
NVNT	n20	5180	Ant1	5149.6	-53.96	2	43.27	Average	54	Pass
NVNT	n20	5180	Ant1	5150	-42.86	2	54.37	Peak	68.2	Pass
NVNT	n20	5180	Ant1	5150	-53.89	2	43.34	Average	54	Pass
NVNT	n20	5240	Ant1	5350	-48.23	2	49	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5350	-57.53	2	39.7	Average	54	Pass
NVNT	n20	5240	Ant1	5376.24	-45.53	2	51.7	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5359.92	-57.02	2	40.21	Average	54	Pass
NVNT	n20	5240	Ant1	5460	-49.93	2	47.3	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5460	-59.53	2	37.7	Average	54	Pass
NVNT	n40	5190	Ant1	4500	-50.73	2	46.5	Peak	68.2	Pass
NVNT	n40	5190	Ant1	4500	-60.28	2	36.95	Average	54	Pass
NVNT	n40	5190	Ant1	5146.05	-34.78	2	62.45	Peak	68.2	Pass
NVNT	n40	5190	Ant1	5149.7	-48.26	2	48.97	Average	54	Pass
NVNT	n40	5190	Ant1	5150	-38.75	2	58.48	Peak	68.2	Pass
NVNT	n40	5190	Ant1	5150	-48.26	2	48.97	Average	54	Pass
NVNT	n40	5230	Ant1	5350	-48.05	2	49.18	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5350	-57.4	2	39.83	Average	54	Pass
NVNT	n40	5230	Ant1	5371.71	-46.31	2	50.92	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5356.59	-57.3	2	39.93	Average	54	Pass
NVNT	n40	5230	Ant1	5460	-50.82	2	46.41	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5460	-59.25	2	37.98	Average	54	Pass
NVNT	ac20	5180	Ant1	4500	-51.41	2	45.82	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	4500	-60.65	2	36.58	Average	54	Pass

NVNT	ac20	5180	Ant1	5144.7	-43.67	2	53.56	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	5149.6	-54.1	2	43.13	Average	54	Pass
NVNT	ac20	5180	Ant1	5150	-44.42	2	52.81	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	5150	-53.76	2	43.47	Average	54	Pass
NVNT	ac20	5240	Ant1	5350	-48.82	2	48.41	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5350	-57.47	2	39.76	Average	54	Pass
NVNT	ac20	5240	Ant1	5351.04	-46.05	2	51.18	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5360.4	-57.24	2	39.99	Average	54	Pass
NVNT	ac20	5240	Ant1	5460	-51.48	2	45.75	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5460	-59.37	2	37.86	Average	54	Pass
NVNT	ac40	5190	Ant1	4500	-50.74	2	46.49	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	4500	-60.36	2	36.87	Average	54	Pass
NVNT	ac40	5190	Ant1	5148.24	-41.74	2	55.49	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	5149.7	-52.13	2	45.1	Average	54	Pass
NVNT	ac40	5190	Ant1	5150	-42.57	2	54.66	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	5150	-52.13	2	45.1	Average	54	Pass
NVNT	ac40	5230	Ant1	5350	-50.66	2	46.57	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5350	-58.47	2	38.76	Average	54	Pass
NVNT	ac40	5230	Ant1	5354.97	-47.44	2	49.79	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5356.86	-58.17	2	39.06	Average	54	Pass
NVNT	ac40	5230	Ant1	5460	-49.32	2	47.91	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5460	-59.35	2	37.88	Average	54	Pass
NVNT	ac80	5210	Ant1	5350	-47.18	2	50.05	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5350	-58.05	2	39.18	Average	54	Pass
NVNT	ac80	5210	Ant1	5358.36	-47.02	2	50.21	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5353.08	-57.82	2	39.41	Average	54	Pass
NVNT	ac80	5210	Ant1	5460	-49.44	2	47.79	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5460	-59.01	2	38.22	Average	54	Pass
NVNT	ac80	5210	Ant1	4500	-52.46	2	44.77	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	4500	-60.06	2	37.17	Average	54	Pass
NVNT	ac80	5210	Ant1	5143.85	-34.87	2	62.36	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5149.38	-44.99	2	52.24	Average	54	Pass
NVNT	ac80	5210	Ant1	5150	-33.45	2	63.78	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5150	-44.98	2	52.25	Average	54	Pass
NVNT	ax20	5180	Ant1	4500	-51.81	2	45.42	Peak	68.2	Pass
NVNT	ax20	5180	Ant1	4500	-60.36	2	36.87	Average	54	Pass
NVNT	ax20	5180	Ant1	5147.5	-44.38	2	52.85	Peak	68.2	Pass
NVNT	ax20	5180	Ant1	5149.6	-55.65	2	41.58	Average	54	Pass
NVNT	ax20	5180	Ant1	5150	-45.21	2	52.02	Peak	68.2	Pass
NVNT	ax20	5180	Ant1	5150	-55.21	2	42.02	Average	54	Pass
NVNT	ax20	5240	Ant1	5350	-46.36	2	50.87	Peak	68.2	Pass

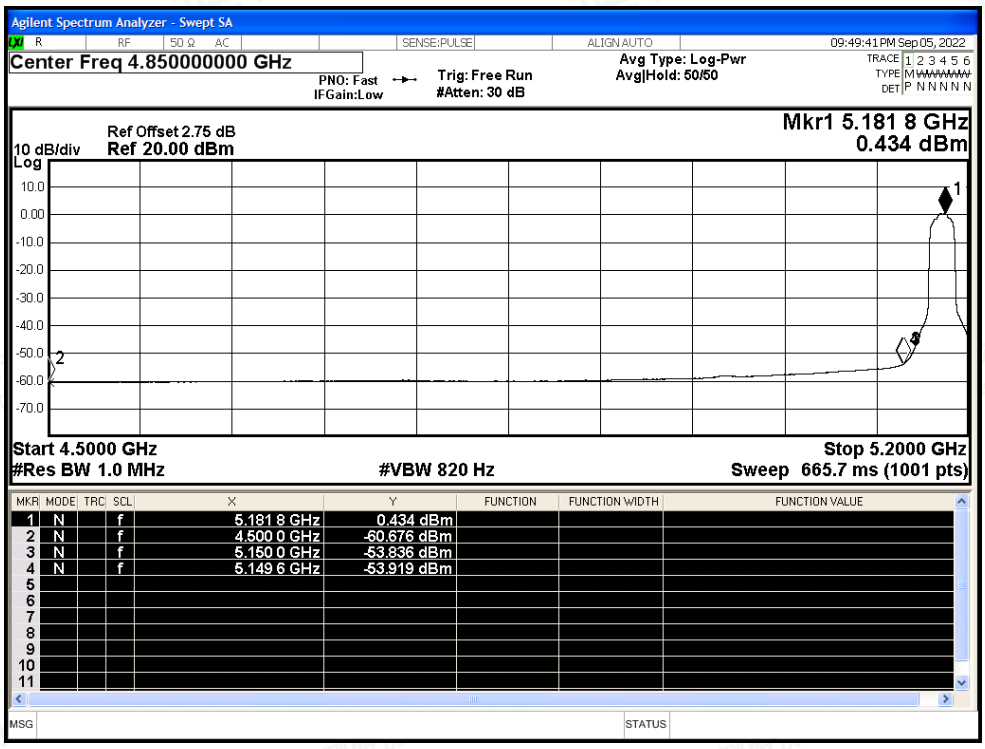
NVNT	ax20	5240	Ant1	5350	-57.57	2	39.66	Average	54	Pass
NVNT	ax20	5240	Ant1	5400.96	-45.63	2	51.6	Peak	68.2	Pass
NVNT	ax20	5240	Ant1	5399.76	-55.91	2	41.32	Average	54	Pass
NVNT	ax20	5240	Ant1	5460	-49.19	2	48.04	Peak	68.2	Pass
NVNT	ax20	5240	Ant1	5460	-59.09	2	38.14	Average	54	Pass
NVNT	ax40	5190	Ant1	4500	-51.4	2	45.83	Peak	68.2	Pass
NVNT	ax40	5190	Ant1	4500	-60.14	2	37.09	Average	54	Pass
NVNT	ax40	5190	Ant1	5149.7	-37.1	2	60.13	Peak	68.2	Pass
NVNT	ax40	5190	Ant1	5149.7	-48.52	2	48.71	Average	54	Pass
NVNT	ax40	5190	Ant1	5150	-37.1	2	60.13	Peak	68.2	Pass
NVNT	ax40	5190	Ant1	5150	-48.52	2	48.71	Average	54	Pass
NVNT	ax40	5230	Ant1	5350	-48.82	2	48.41	Peak	68.2	Pass
NVNT	ax40	5230	Ant1	5350	-57.26	2	39.97	Average	54	Pass
NVNT	ax40	5230	Ant1	5390.88	-46.15	2	51.08	Peak	68.2	Pass
NVNT	ax40	5230	Ant1	5389.8	-54.87	2	42.36	Average	54	Pass
NVNT	ax40	5230	Ant1	5460	-50.73	2	46.5	Peak	68.2	Pass
NVNT	ax40	5230	Ant1	5460	-57.88	2	39.35	Average	54	Pass
NVNT	ax80	5210	Ant1	5350	-48.19	2	49.04	Peak	68.2	Pass
NVNT	ax80	5210	Ant1	5350	-56.33	2	40.9	Average	54	Pass
NVNT	ax80	5210	Ant1	5370.24	-45.69	2	51.54	Peak	68.2	Pass
NVNT	ax80	5210	Ant1	5370.24	-53.4	2	43.83	Average	54	Pass
NVNT	ax80	5210	Ant1	5460	-50.47	2	46.76	Peak	68.2	Pass
NVNT	ax80	5210	Ant1	5460	-57.68	2	39.55	Average	54	Pass
NVNT	ax80	5210	Ant1	4500	-51.58	2	45.65	Peak	68.2	Pass
NVNT	ax80	5210	Ant1	4500	-60	2	37.23	Average	54	Pass
NVNT	ax80	5210	Ant1	5147.8	-36.7	2	60.53	Peak	68.2	Pass
NVNT	ax80	5210	Ant1	5149.38	-44.96	2	52.27	Average	54	Pass
NVNT	ax80	5210	Ant1	5150	-37.84	2	59.39	Peak	68.2	Pass
NVNT	ax80	5210	Ant1	5150	-44.84	2	52.39	Average	54	Pass

Test Graphs

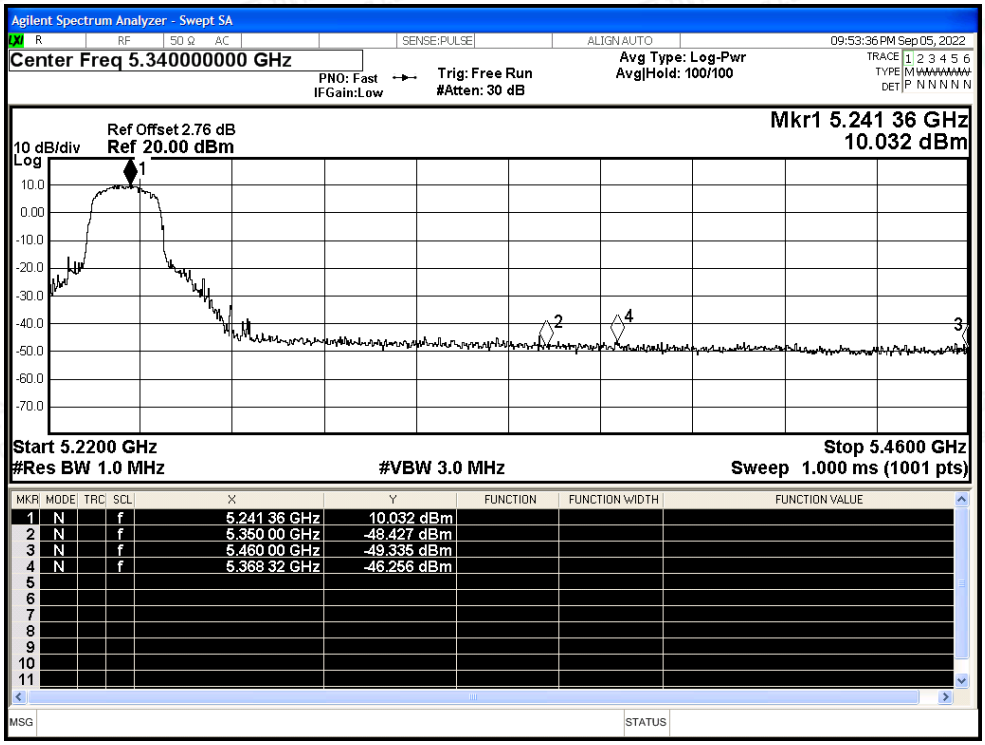
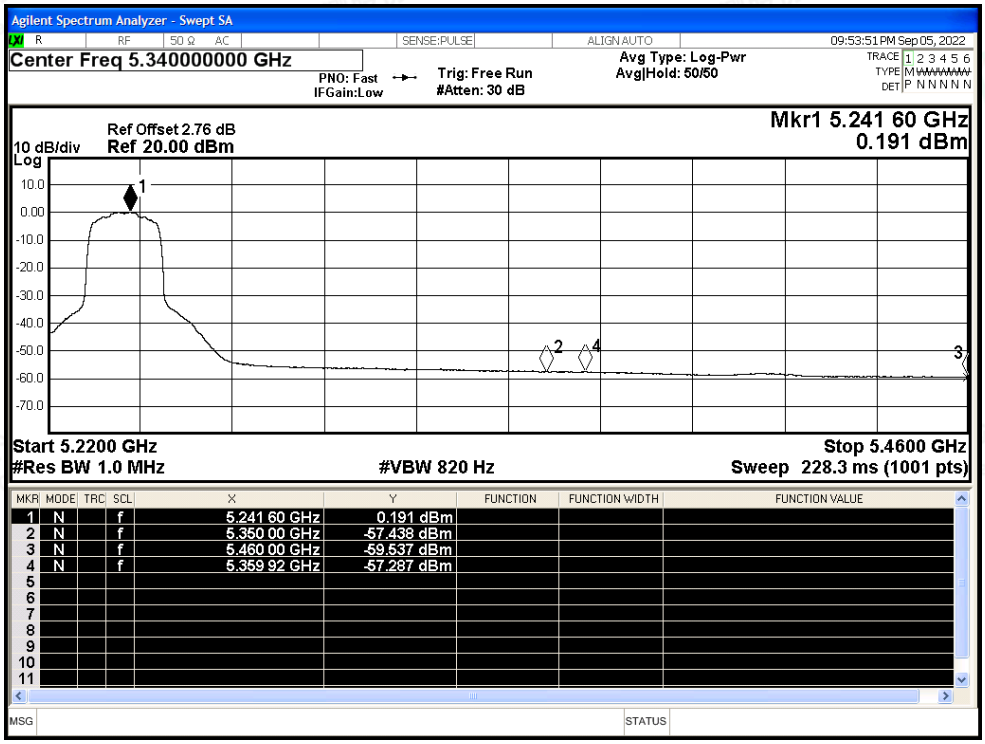
Restrict Band NVNT a 5180MHz Ant1 Peak



Restrict Band NVNT a 5180MHz Ant1 Average



Restrict Band NVNT a 5240MHz Ant1 Peak



Restrict Band NVNT a 5240MHz Ant1 Average