Appendix D

RF Test Data for 5.2GWIFI (Conducted Measurement)

Product Name: Privacy Labs Server v2

Test Model: HPS20-1T-W-US

Environmental Conditions

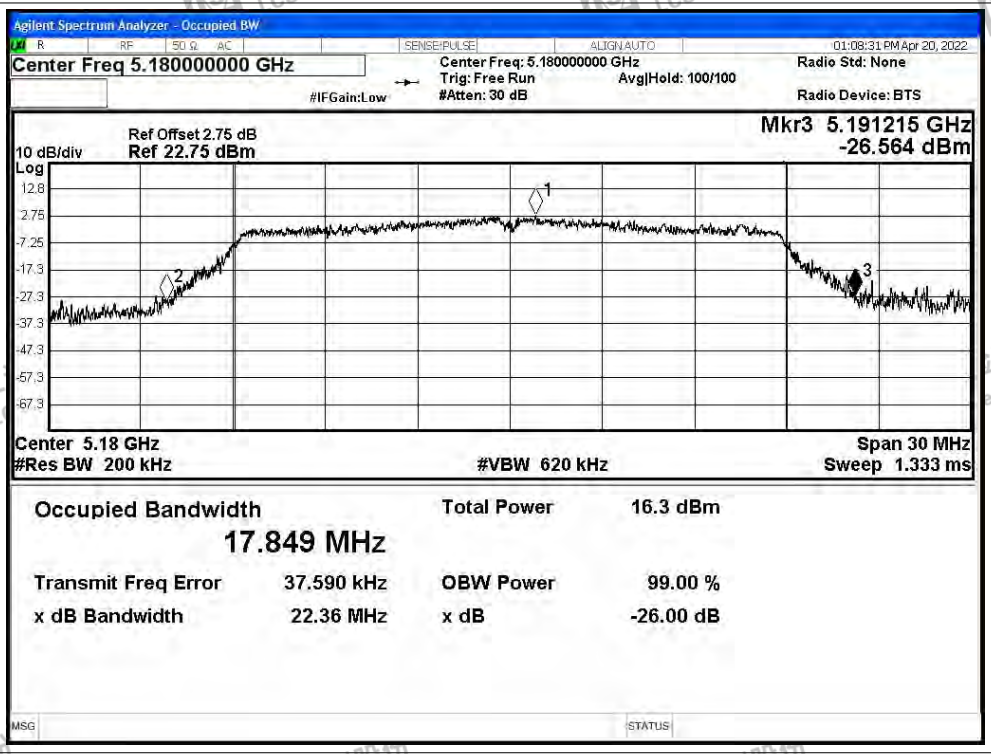
Temperature:	23.5℃
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Kay Hu
Supervised by:	Li Huan

D.1 -26dB Bandwidth

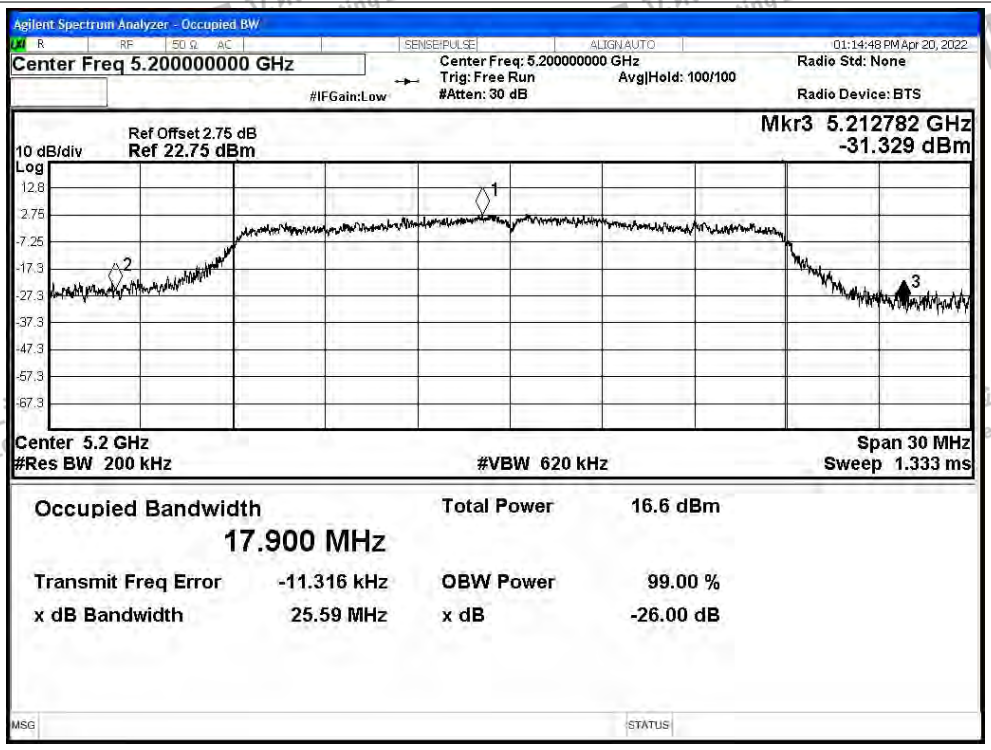
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant0	22.356	--	Pass
NVNT	a	5200	Ant0	25.587	--	Pass
NVNT	a	5240	Ant0	26.53	--	Pass
NVNT	n20	5180	Ant0	24.003	--	Pass
NVNT	n20	5200	Ant0	26.933	--	Pass
NVNT	n20	5240	Ant0	29.457	--	Pass
NVNT	n40	5190	Ant0	40.294	--	Pass
NVNT	n40	5230	Ant0	47.828	--	Pass
NVNT	ac20	5180	Ant0	25.234	--	Pass
NVNT	ac20	5200	Ant0	23.75	--	Pass
NVNT	ac20	5240	Ant0	25.524	--	Pass
NVNT	ac40	5190	Ant0	42.669	--	Pass
NVNT	ac40	5230	Ant0	48.927	--	Pass
NVNT	ac80	5210	Ant0	79.302	--	Pass

Test Graphs

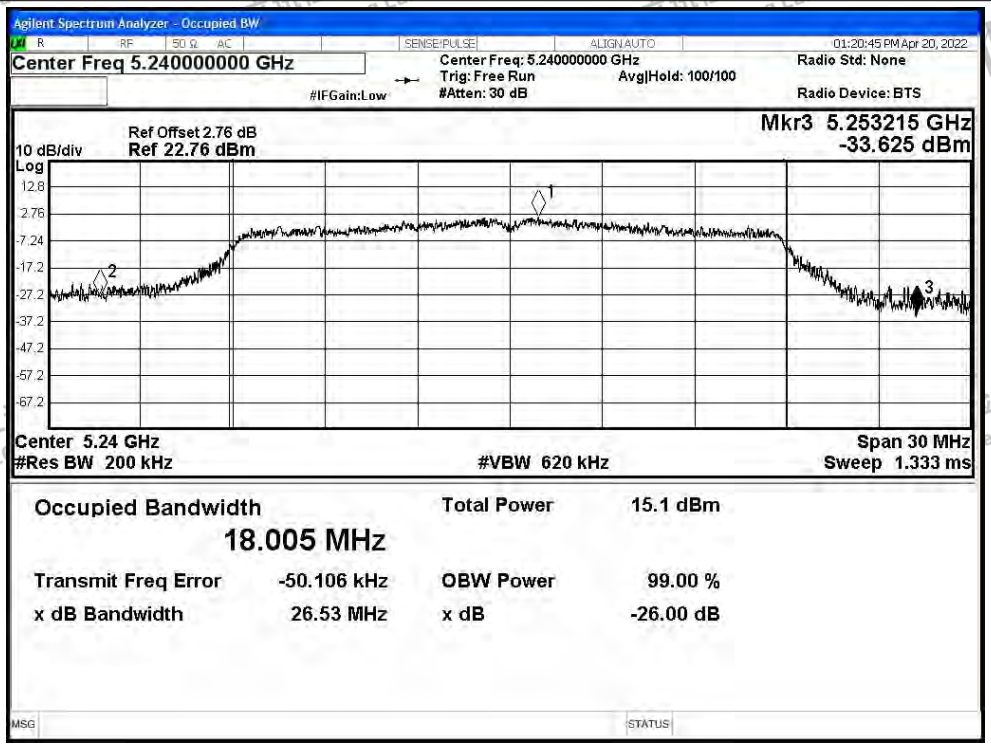
-26dB Bandwidth NVNT a 5180MHz Ant0



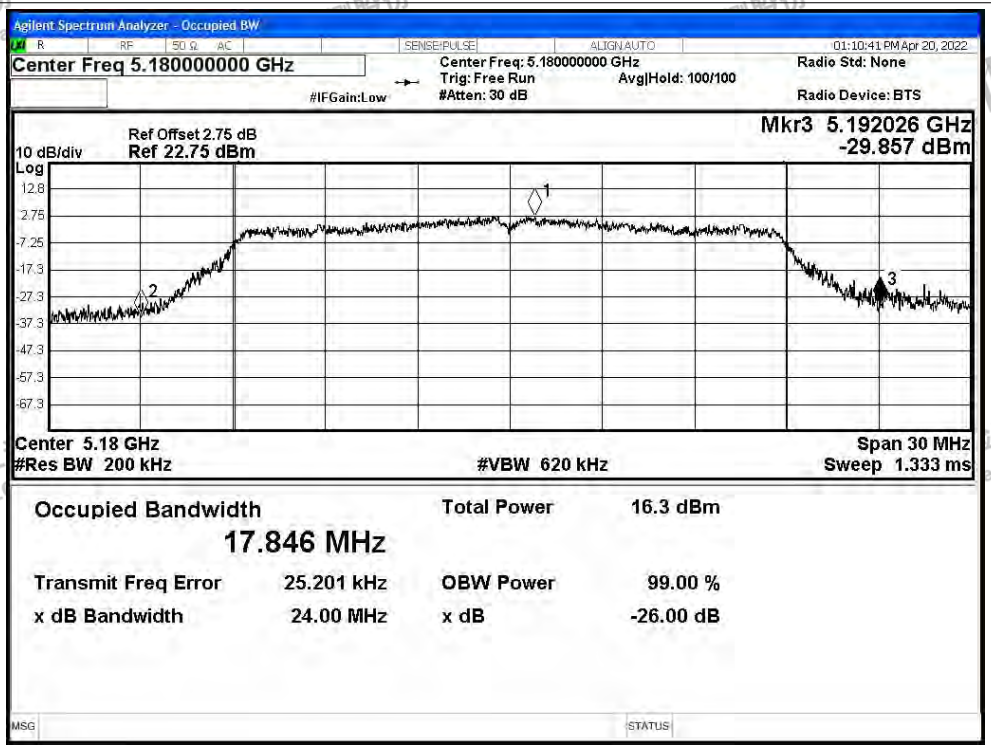
-26dB Bandwidth NVNT a 5200MHz Ant0



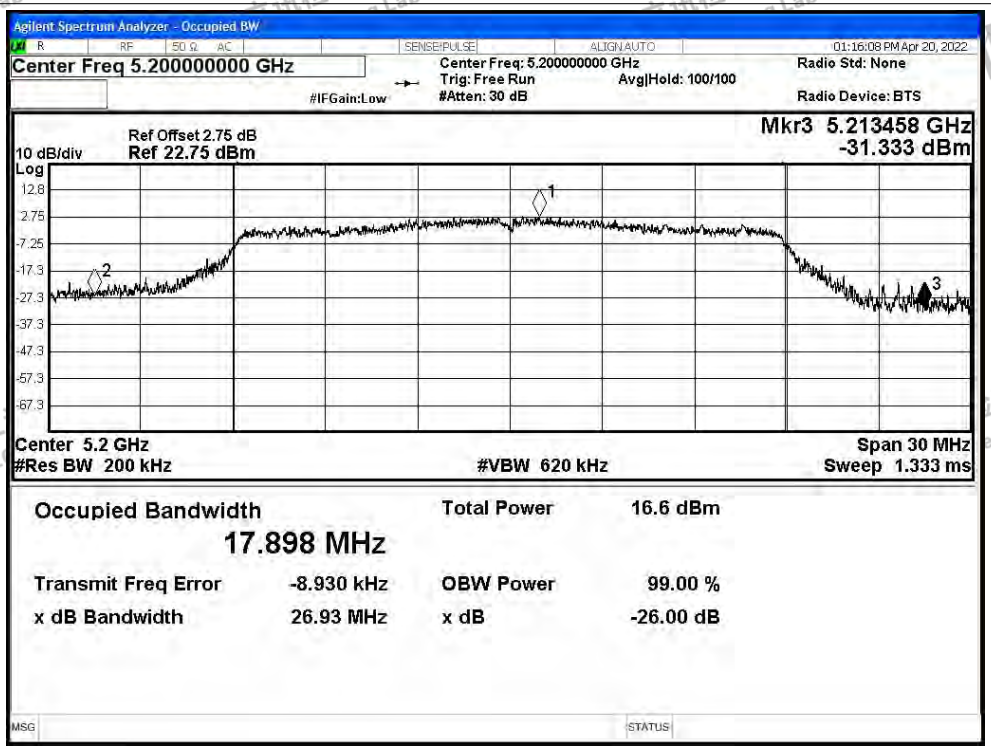
-26dB Bandwidth NVNT a 5240MHz Ant0



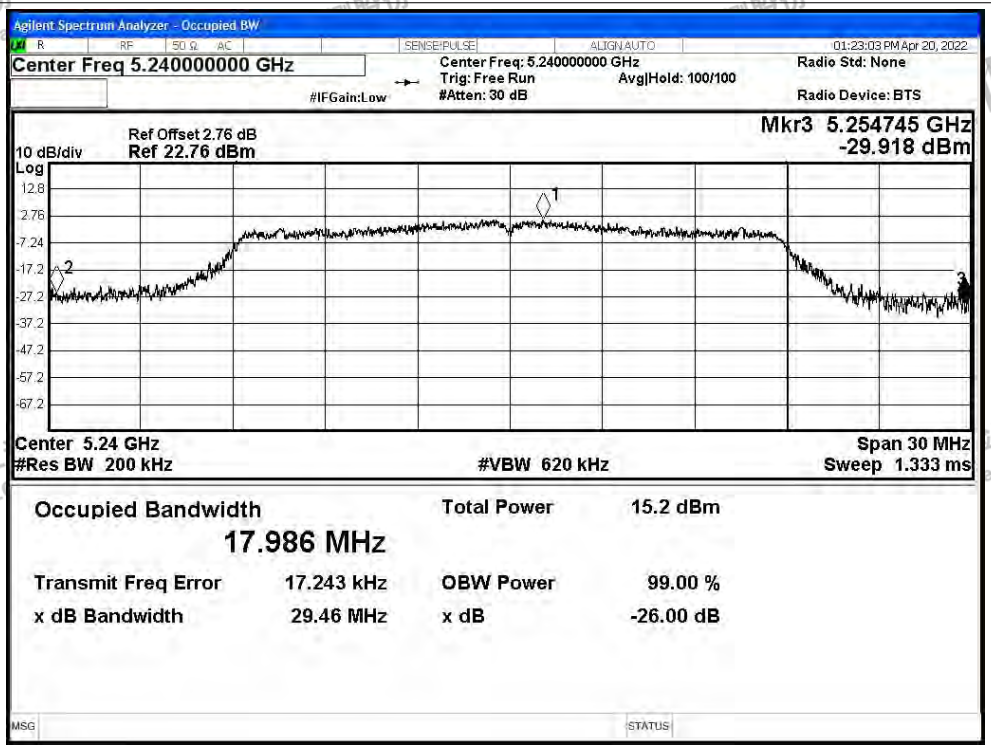
-26dB Bandwidth NVNT n20 5180MHz Ant0



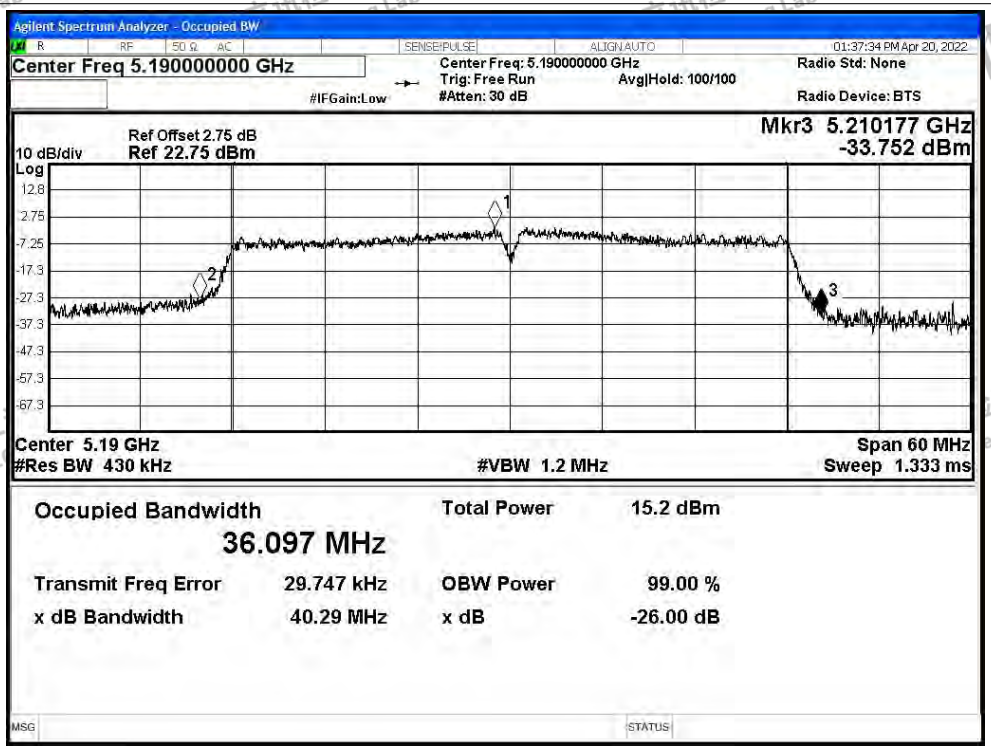
-26dB Bandwidth NVNT n20 5200MHz Ant0



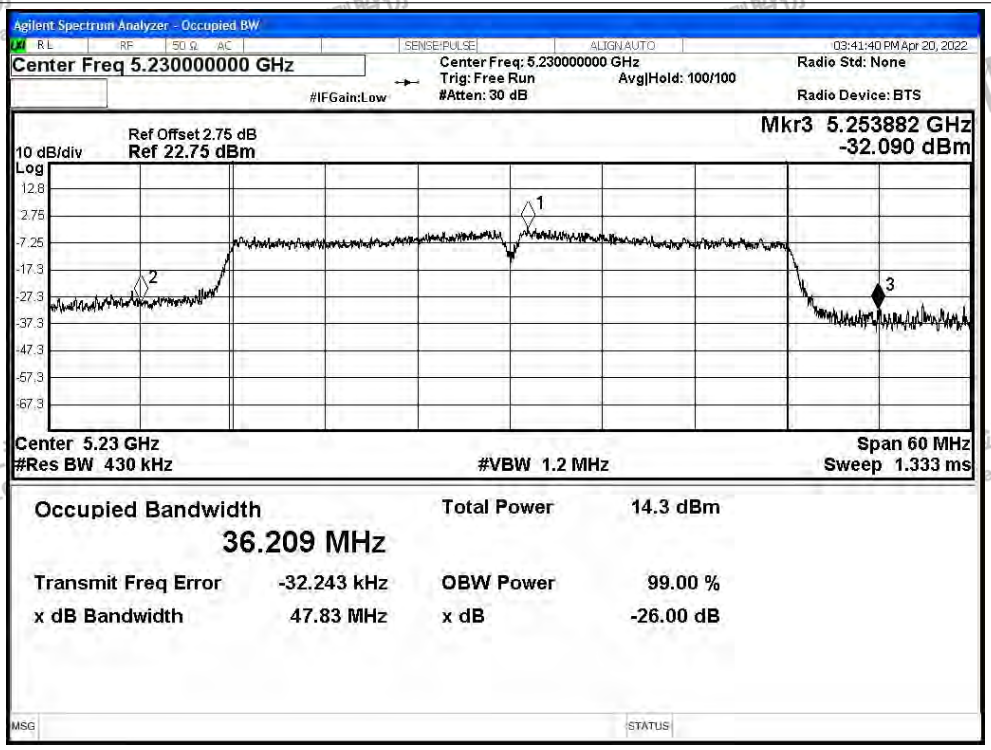
-26dB Bandwidth NVNT n20 5240MHz Ant0



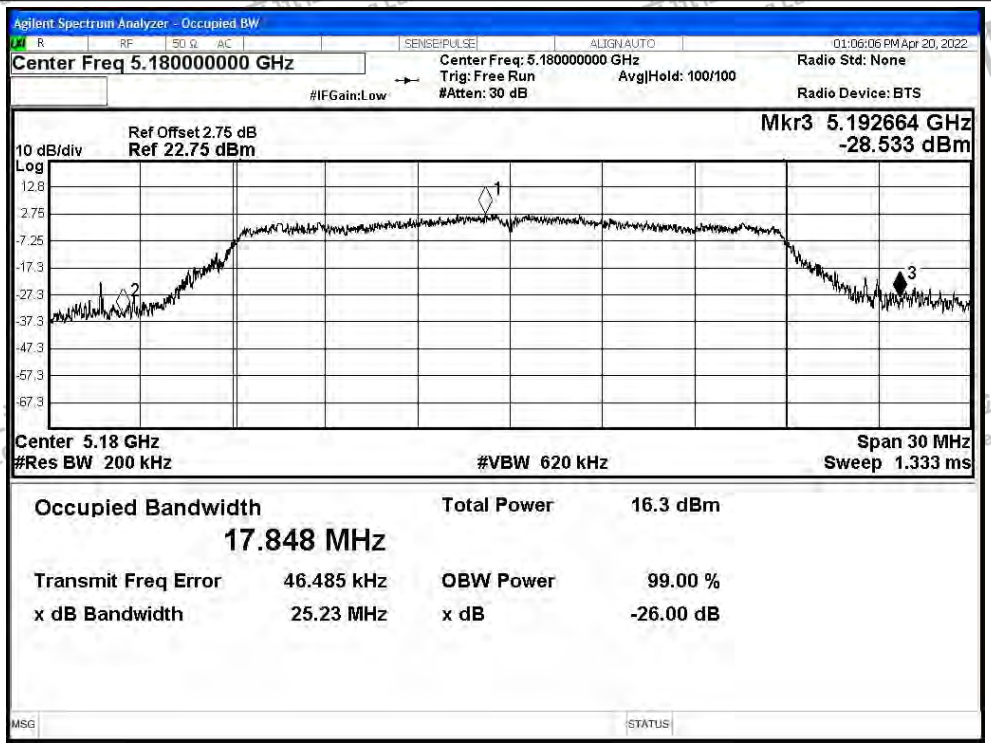
-26dB Bandwidth NVNT n40 5190MHz Ant0



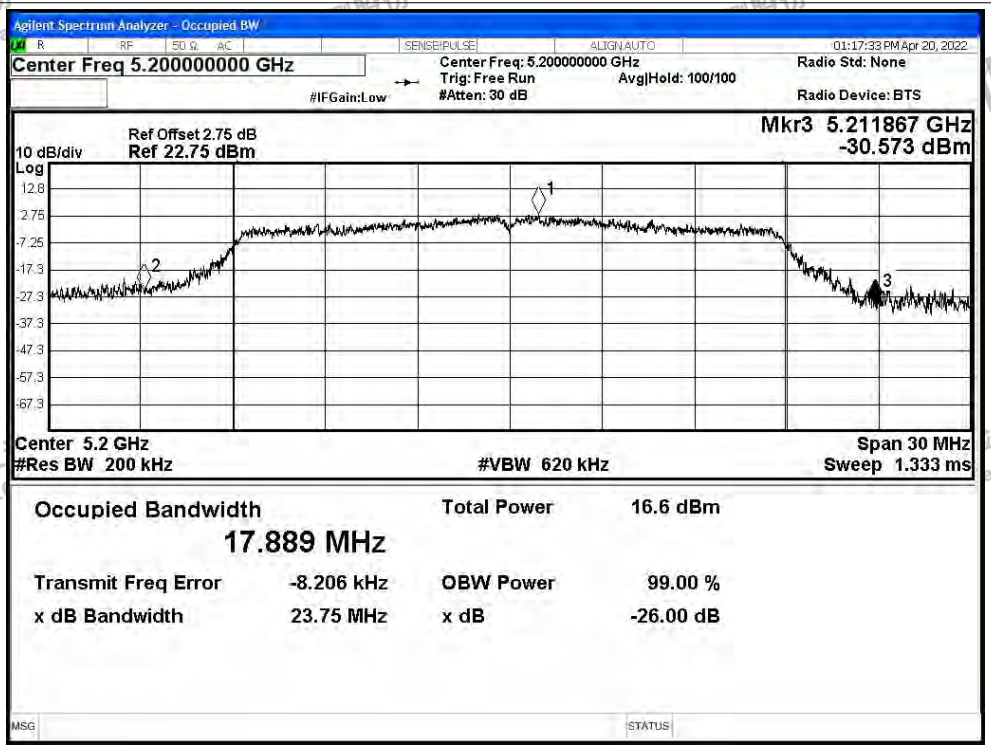
-26dB Bandwidth NVNT n40 5230MHz Ant0



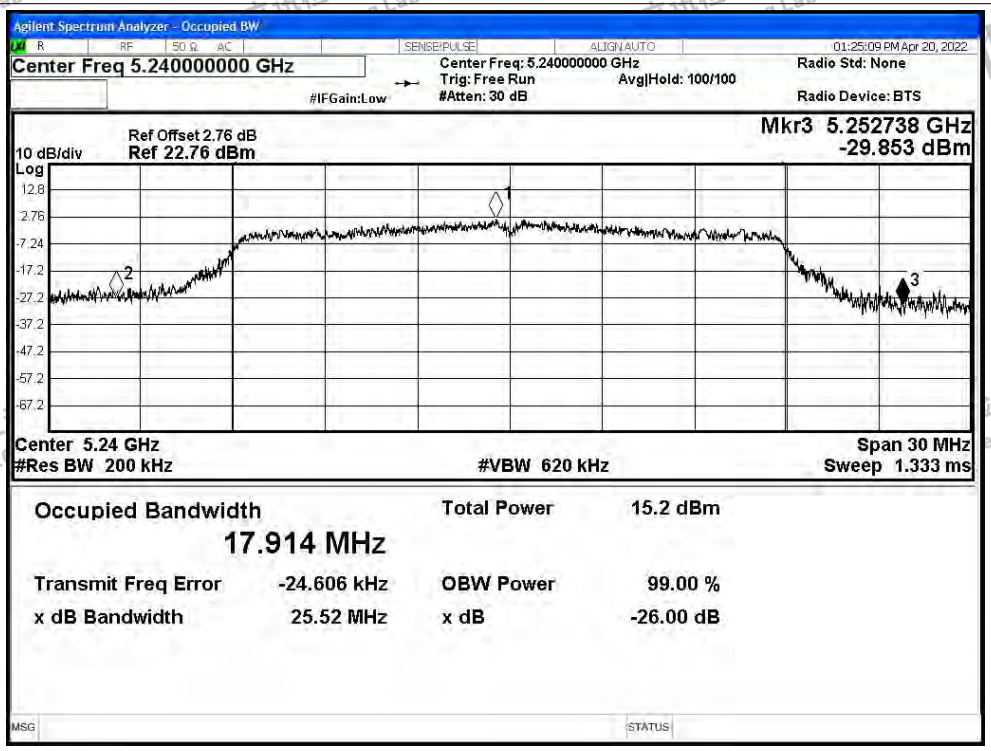
-26dB Bandwidth NVNT ac20 5180MHz Ant0



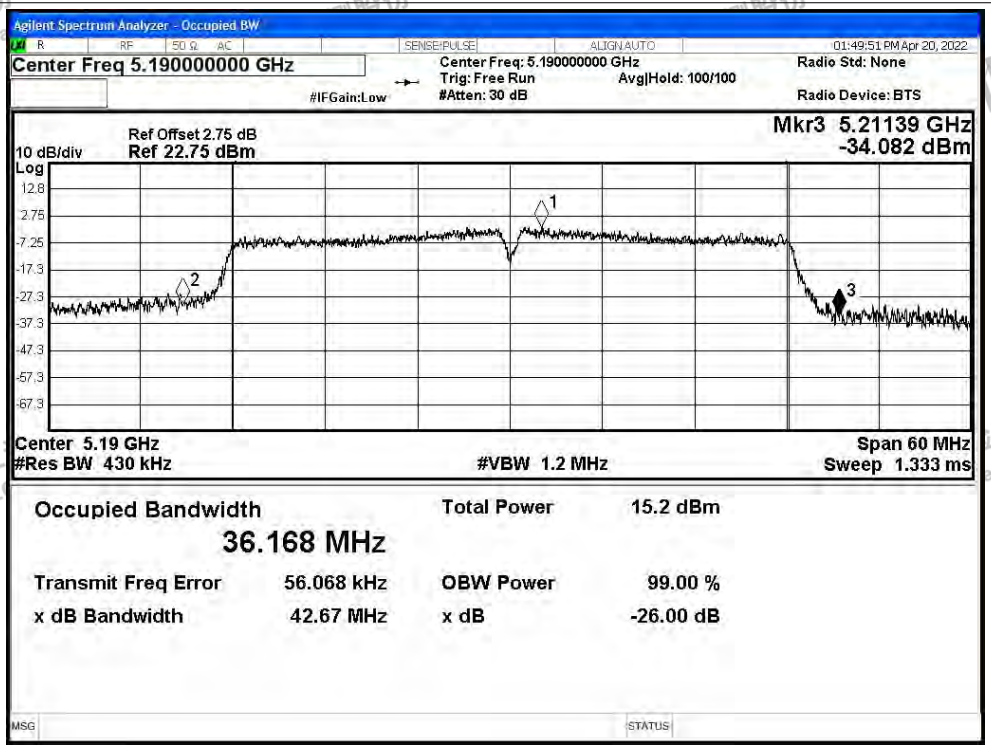
-26dB Bandwidth NVNT ac20 5200MHz Ant0



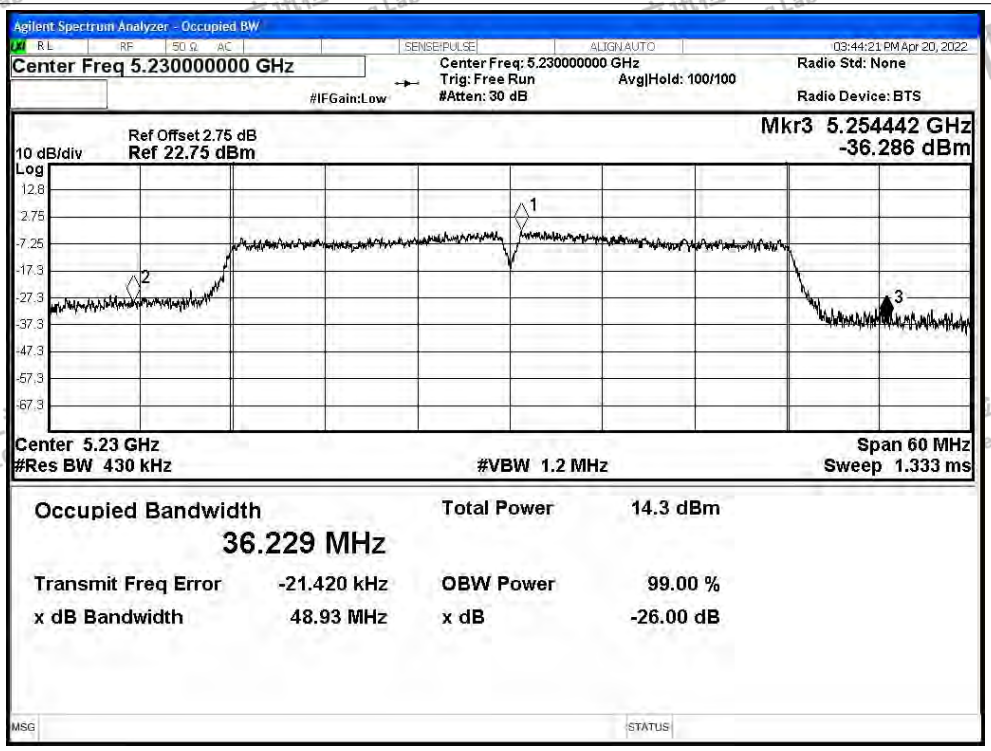
-26dB Bandwidth NVNT ac20 5240MHz Ant0



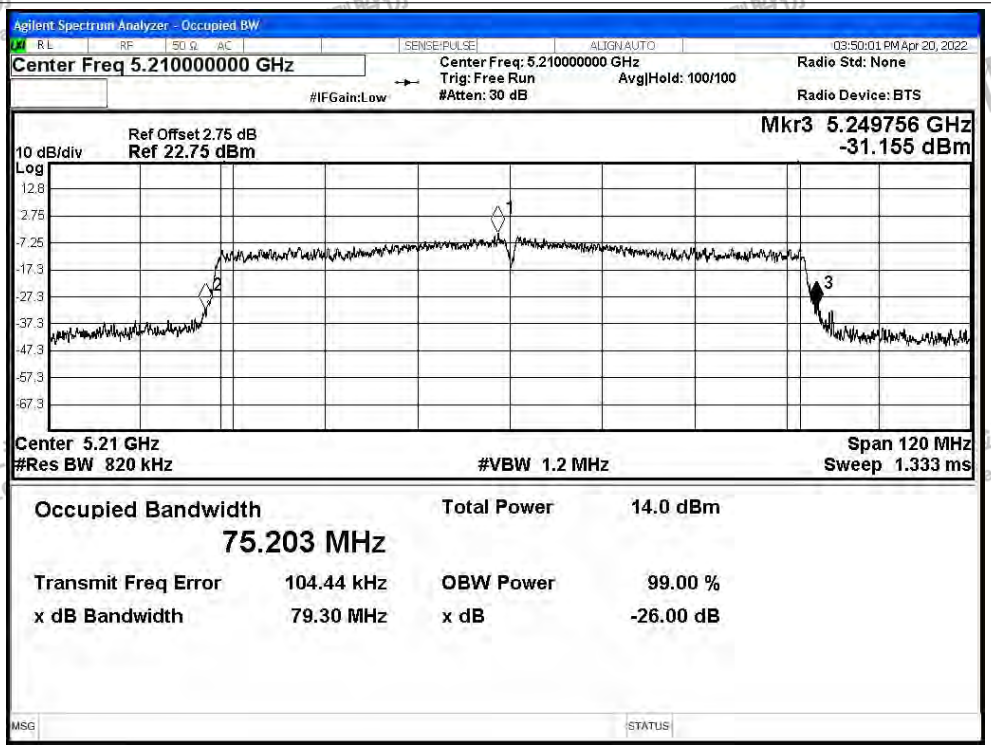
-26dB Bandwidth NVNT ac40 5190MHz Ant0



-26dB Bandwidth NVNT ac40 5230MHz Ant0



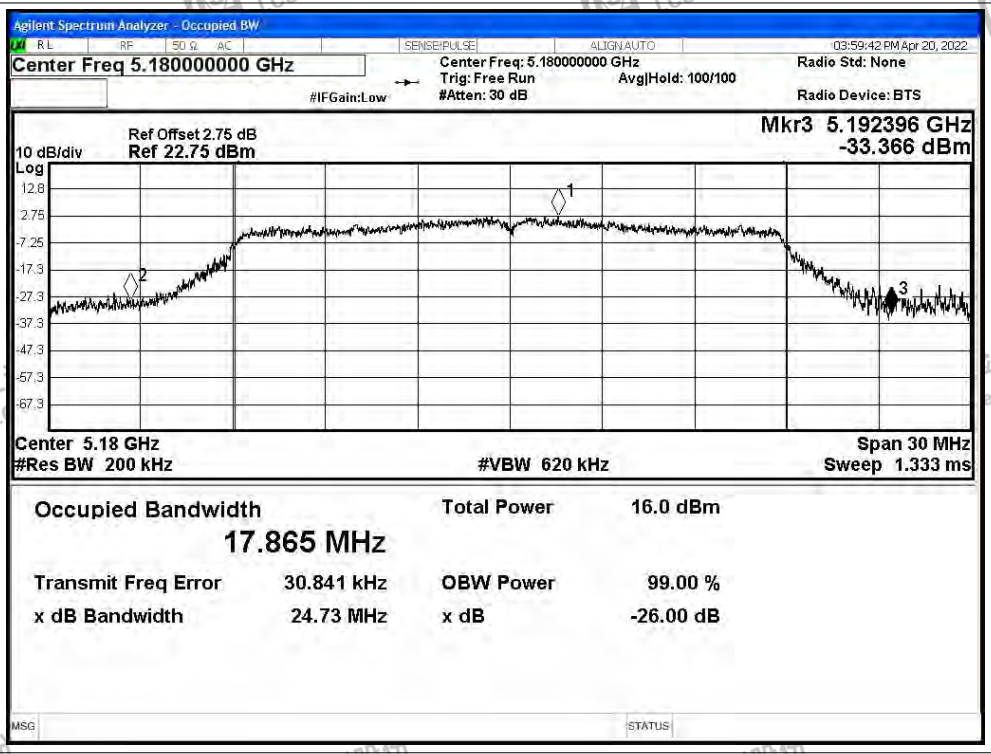
-26dB Bandwidth NVNT ac80 5210MHz Ant0



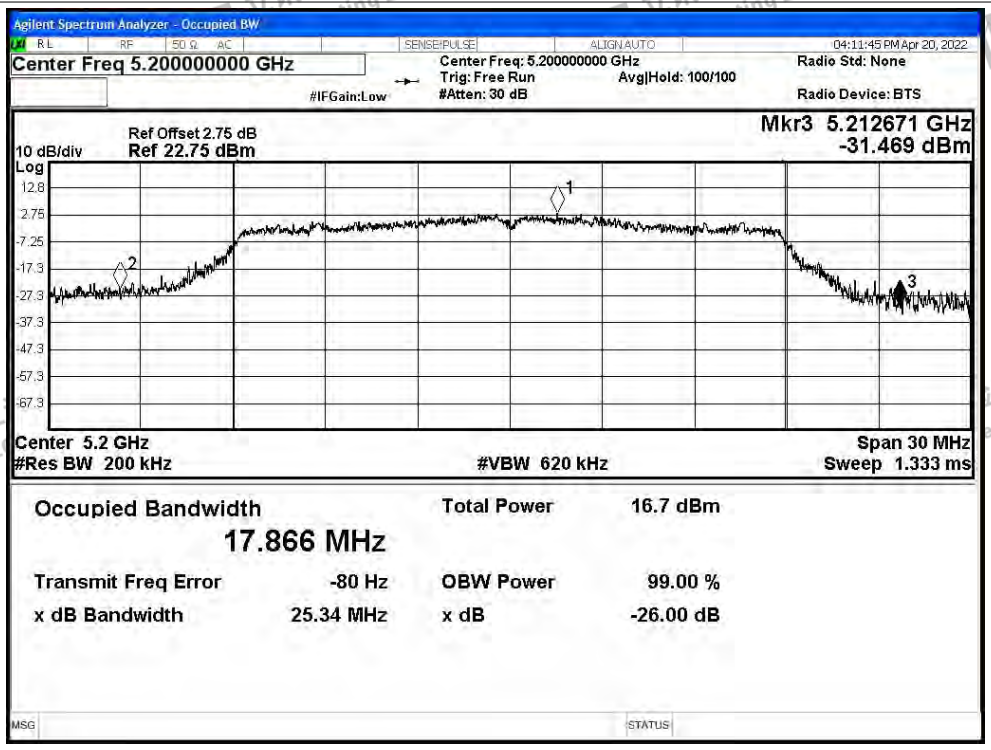
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	24.73	--	Pass
NVNT	a	5200	Ant1	25.342	--	Pass
NVNT	a	5240	Ant1	27.396	--	Pass
NVNT	n20	5180	Ant1	21.362	--	Pass
NVNT	n20	5200	Ant1	24.413	--	Pass
NVNT	n20	5240	Ant1	27.861	--	Pass
NVNT	n40	5190	Ant1	39.275	--	Pass
NVNT	n40	5230	Ant1	51.446	--	Pass
NVNT	ac20	5180	Ant1	22.4	--	Pass
NVNT	ac20	5200	Ant1	25.882	--	Pass
NVNT	ac20	5240	Ant1	28.426	--	Pass
NVNT	ac40	5190	Ant1	39.416	--	Pass
NVNT	ac40	5230	Ant1	45.739	--	Pass
NVNT	ac80	5210	Ant1	78.882	--	Pass

Test Graphs

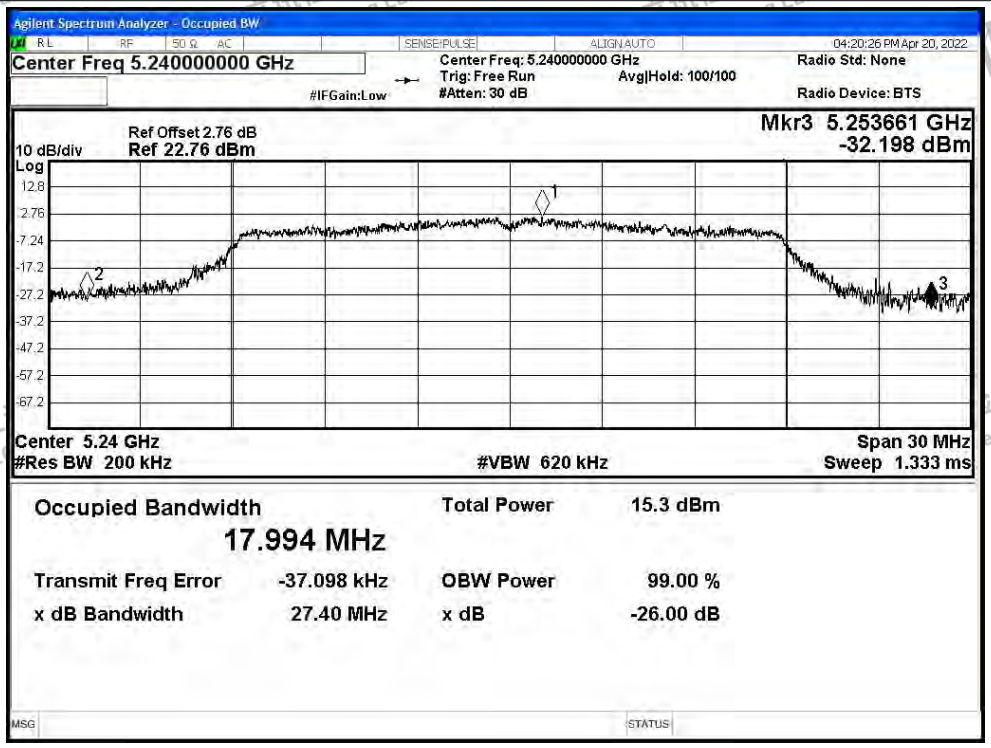
-26dB Bandwidth NVNT a 5180MHz Ant1



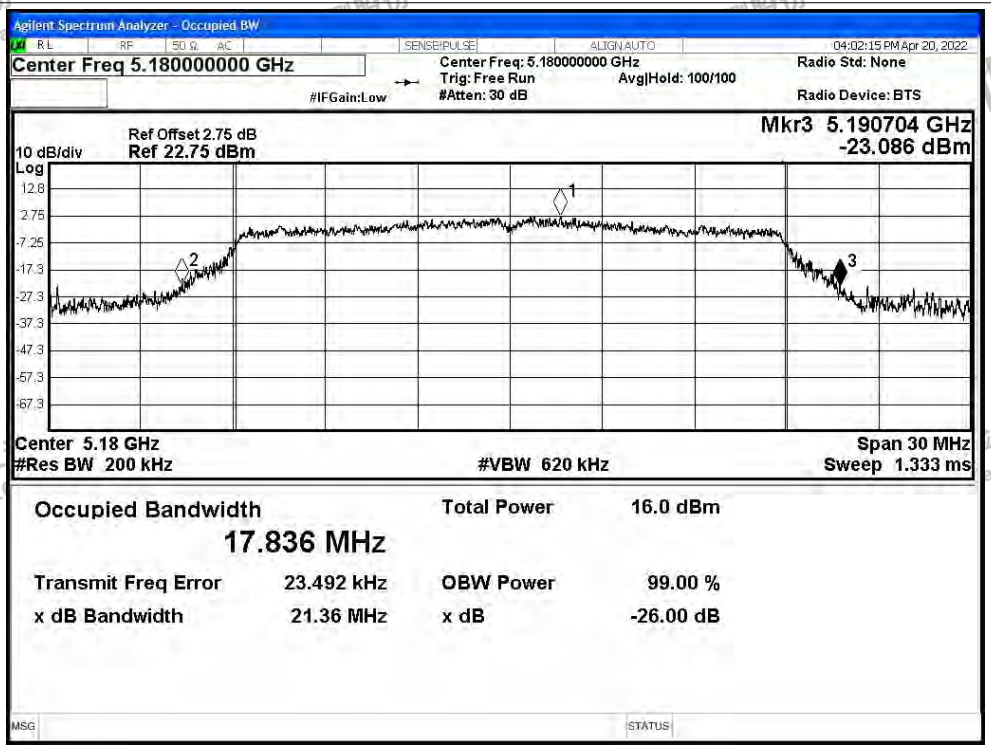
-26dB Bandwidth NVNT a 5200MHz Ant1



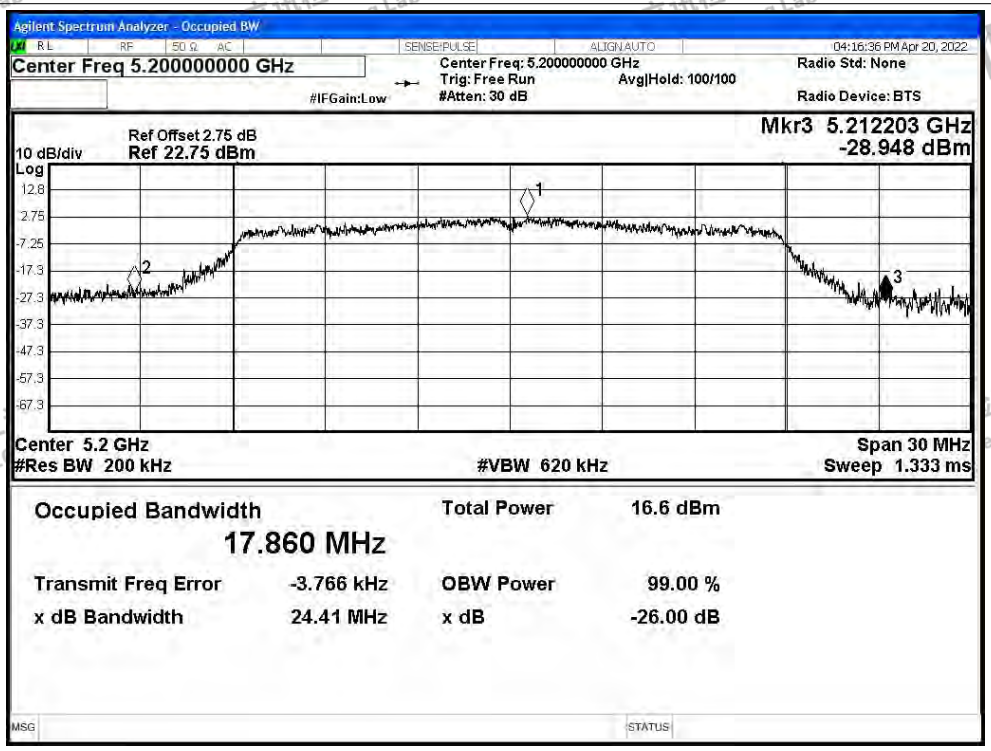
-26dB Bandwidth NVNT a 5240MHz Ant1



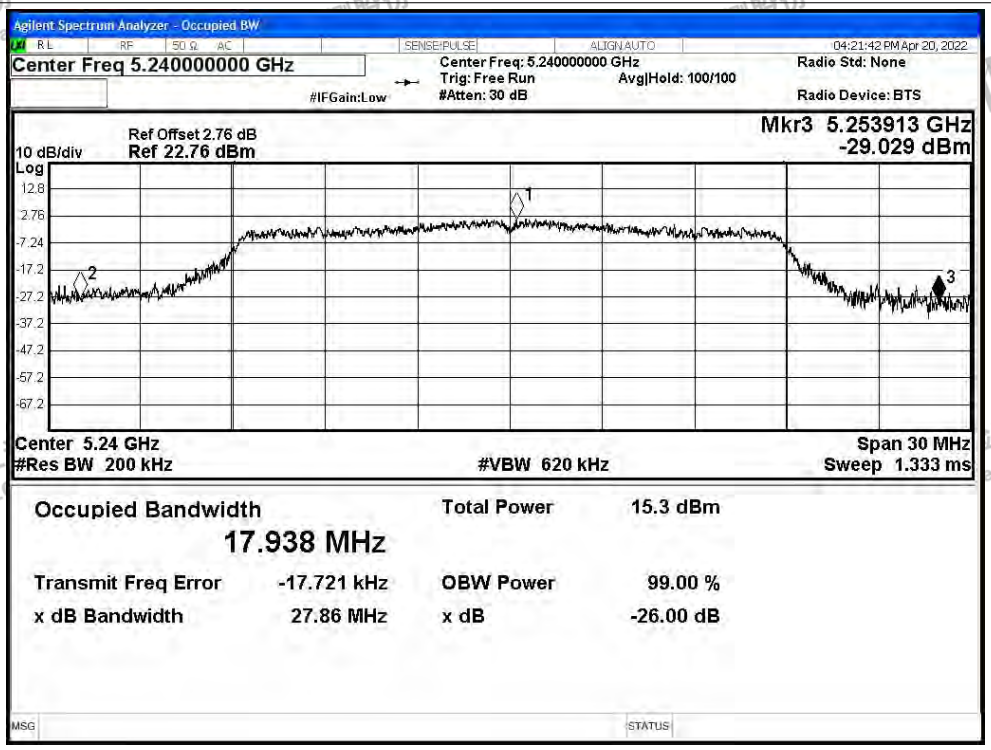
-26dB Bandwidth NVNT n20 5180MHz Ant1



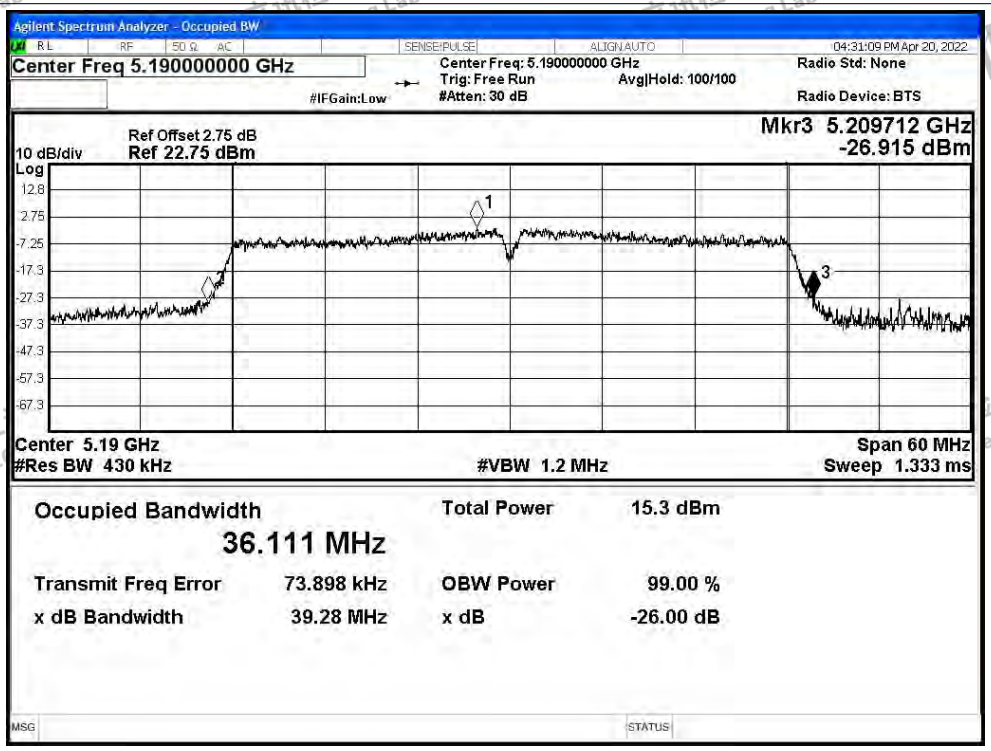
-26dB Bandwidth NVNT n20 5200MHz Ant1



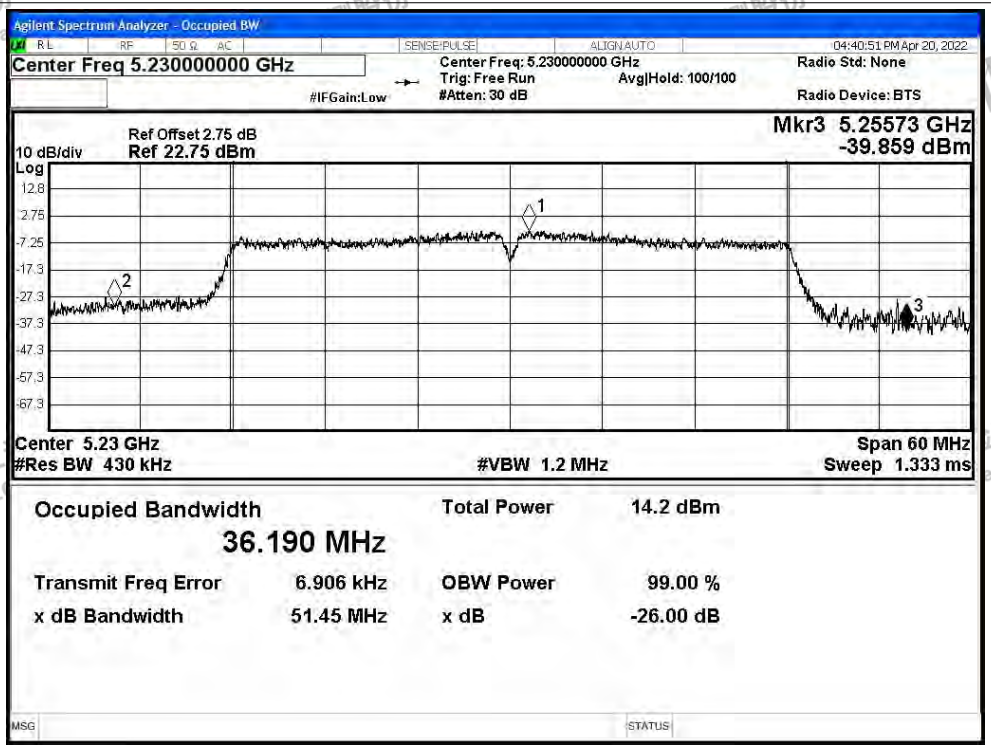
-26dB Bandwidth NVNT n20 5240MHz Ant1



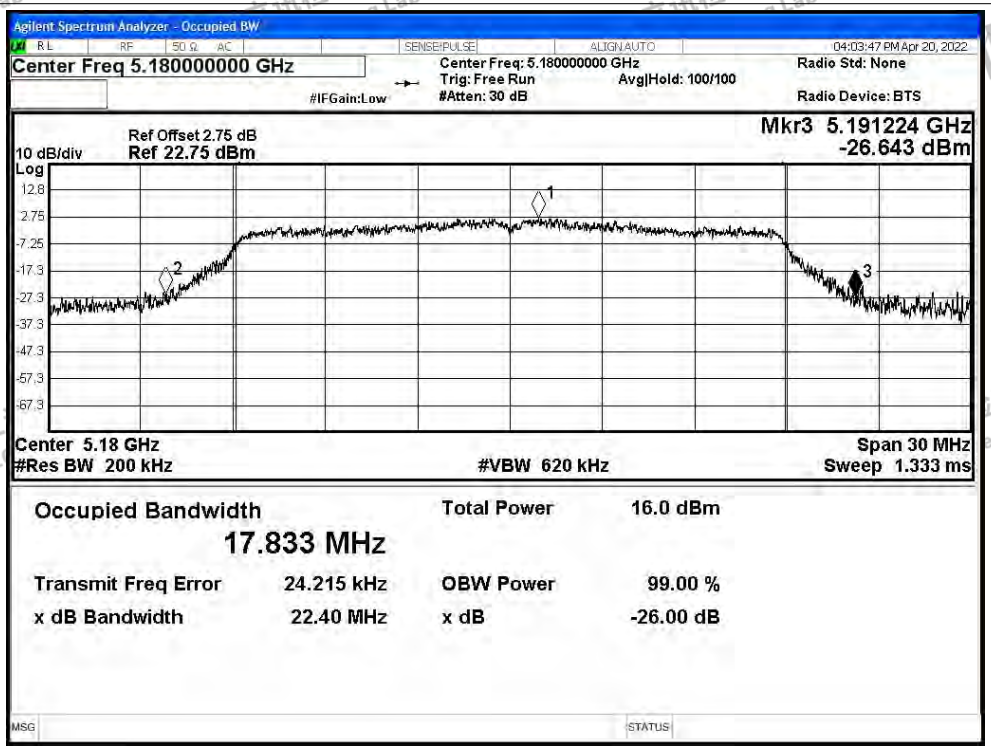
-26dB Bandwidth NVNT n40 5190MHz Ant1



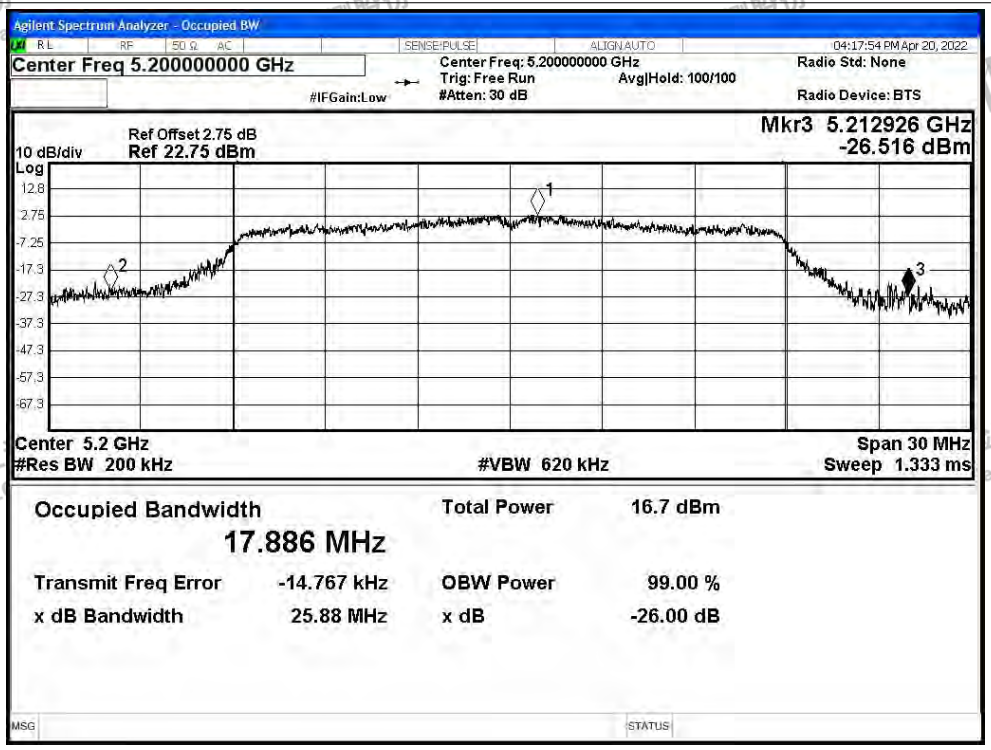
-26dB Bandwidth NVNT n40 5230MHz Ant1



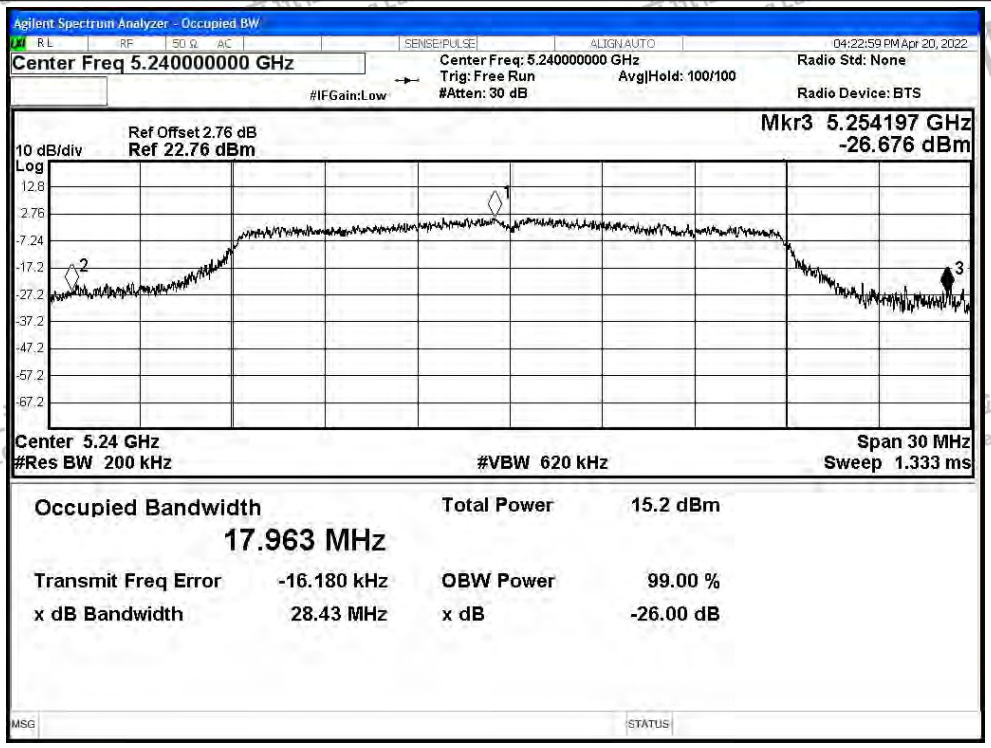
-26dB Bandwidth NVNT ac20 5180MHz Ant1



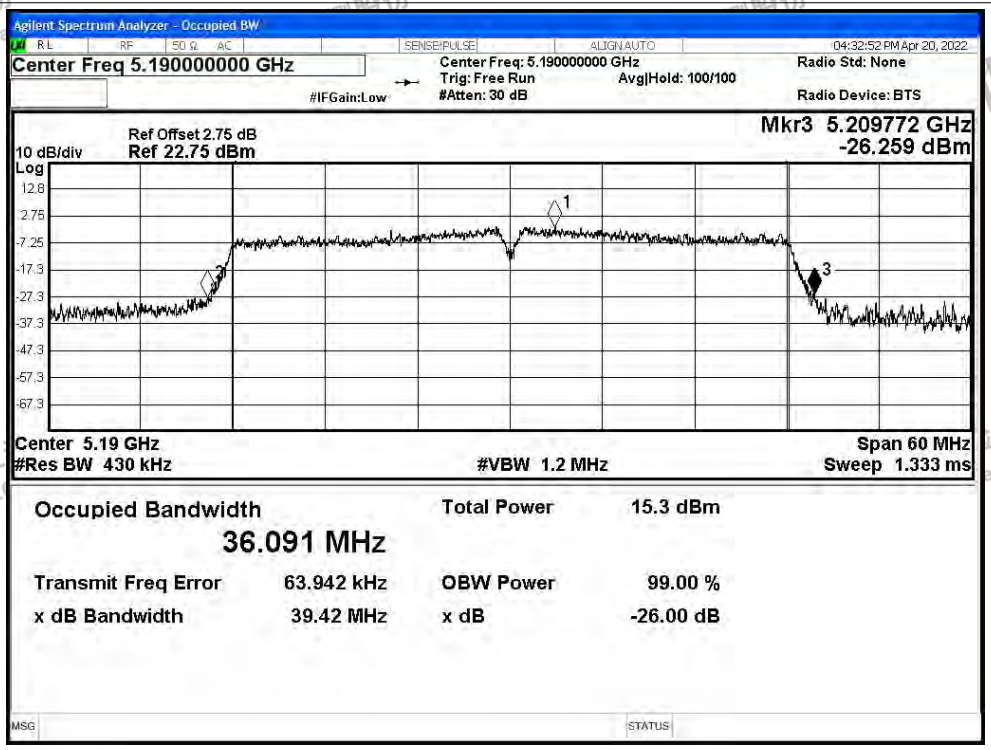
-26dB Bandwidth NVNT ac20 5200MHz Ant1



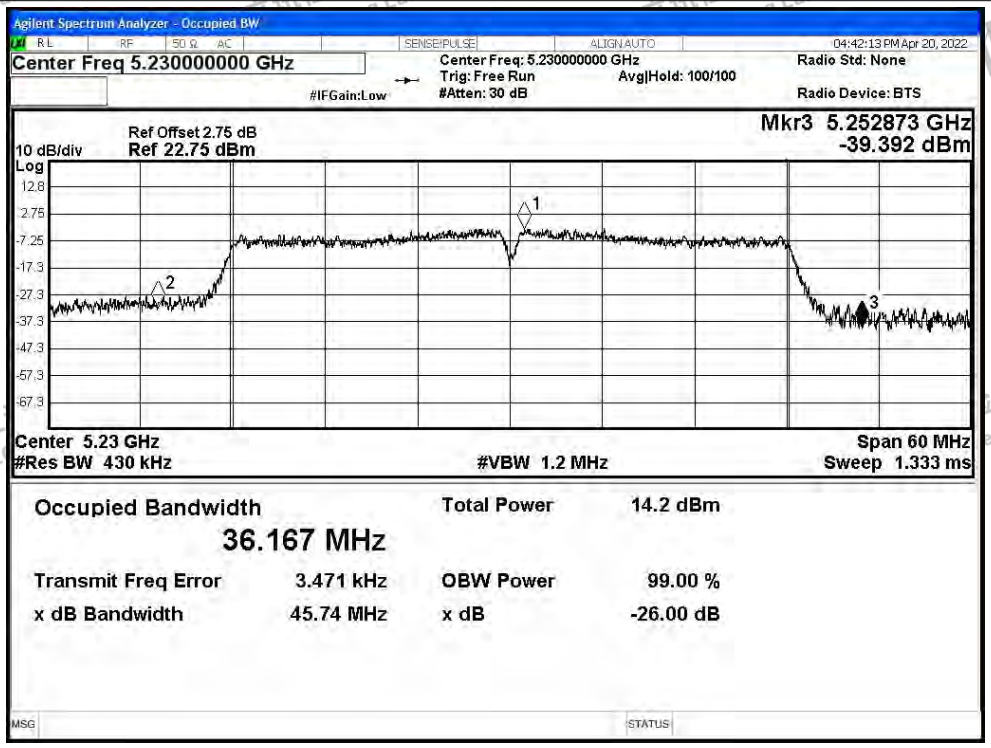
-26dB Bandwidth NVNT ac20 5240MHz Ant1



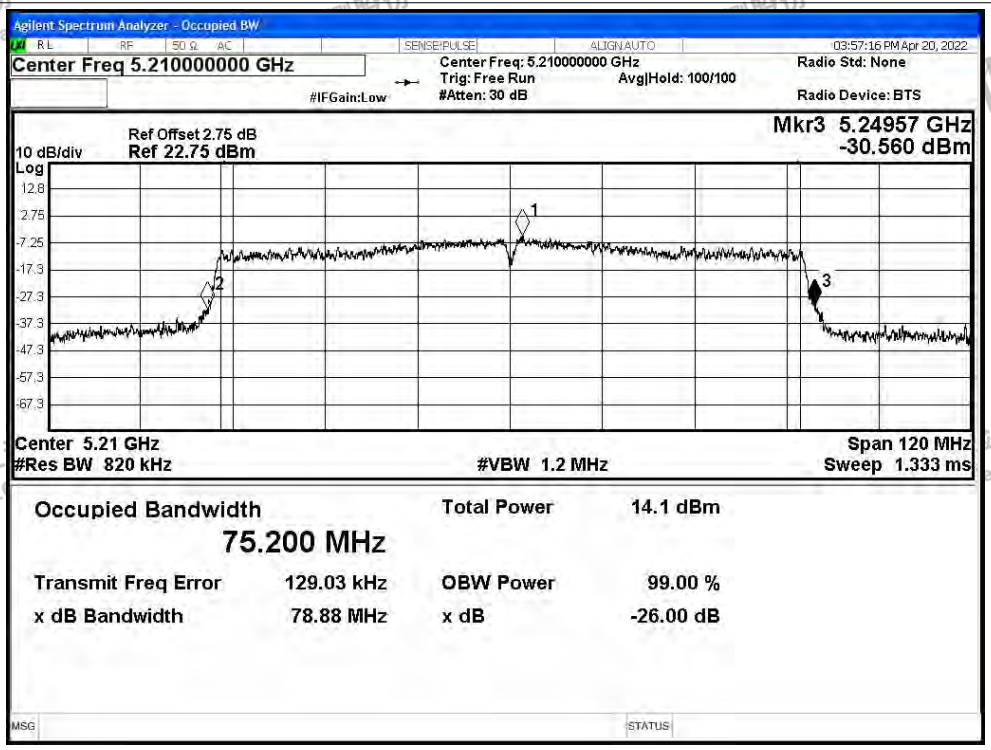
-26dB Bandwidth NVNT ac40 5190MHz Ant1



-26dB Bandwidth NVNT ac40 5230MHz Ant1



-26dB Bandwidth NVNT ac80 5210MHz Ant1



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	10.3	0.32	10.62	24	Pass
NVNT	a	5200	Ant0	10.57	0.32	10.89	24	Pass
NVNT	a	5240	Ant0	9.23	0.32	9.55	24	Pass
NVNT	n20	5180	Ant0	10.34	0.32	10.66	24	Pass
NVNT	n20	5200	Ant0	10.75	0.32	11.07	24	Pass
NVNT	n20	5240	Ant0	9.24	0.32	9.56	24	Pass
NVNT	n40	5190	Ant0	8.83	0.61	9.44	24	Pass
NVNT	n40	5230	Ant0	7.83	0.61	8.44	24	Pass
NVNT	ac20	5180	Ant0	10.45	0.32	10.77	24	Pass
NVNT	ac20	5200	Ant0	10.71	0.32	11.03	24	Pass
NVNT	ac20	5240	Ant0	9.17	0.32	9.49	24	Pass
NVNT	ac40	5190	Ant0	8.99	0.65	9.64	24	Pass
NVNT	ac40	5230	Ant0	7.73	0.62	8.35	24	Pass
NVNT	ac80	5210	Ant0	6.62	1.14	7.76	24	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	10.18	0.32	10.5	24	Pass
NVNT	a	5200	Ant1	10.71	0.32	11.03	24	Pass
NVNT	a	5240	Ant1	9.45	0.32	9.77	24	Pass
NVNT	n20	5180	Ant1	10.19	0.32	10.51	24	Pass
NVNT	n20	5200	Ant1	10.61	0.32	10.93	24	Pass
NVNT	n20	5240	Ant1	9.4	0.32	9.72	24	Pass
NVNT	n40	5190	Ant1	8.87	0.61	9.48	24	Pass
NVNT	n40	5230	Ant1	7.68	0.61	8.29	24	Pass
NVNT	ac20	5180	Ant1	10.16	0.32	10.48	24	Pass
NVNT	ac20	5200	Ant1	10.77	0.32	11.09	24	Pass
NVNT	ac20	5240	Ant1	9.35	0.32	9.67	24	Pass
NVNT	ac40	5190	Ant1	8.96	0.61	9.57	24	Pass
NVNT	ac40	5230	Ant1	7.6	0.62	8.22	24	Pass
NVNT	ac80	5210	Ant1	6.55	1.15	7.7	24	Pass

MIMO

Condition	Mode	Frequency (MHz)	Total Power (dBm)			Limit (dBm)	Verdict
			ANT0	ANT1	ANT0+ANT1		
NVNT	n20	5180	10.66	10.51	13.60	24	Pass
NVNT	n20	5200	11.07	10.93	14.01	24	Pass
NVNT	n20	5240	9.56	9.72	12.65	24	Pass
NVNT	n40	5190	9.44	9.48	12.47	24	Pass
NVNT	n40	5230	8.44	8.29	11.38	24	Pass
NVNT	ac20	5180	10.77	10.48	13.64	24	Pass
NVNT	ac20	5200	11.03	11.09	14.07	24	Pass
NVNT	ac20	5240	9.49	9.67	12.59	24	Pass
NVNT	ac40	5190	9.64	9.57	12.62	24	Pass
NVNT	ac40	5230	8.35	8.22	11.30	24	Pass
NVNT	ac80	5210	7.76	7.7	10.74	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	-2.82	0.32	-2.5	11	Pass
NVNT	a	5200	Ant0	-3.8	0.32	-3.48	11	Pass
NVNT	a	5240	Ant0	-4.46	0.32	-4.14	11	Pass
NVNT	n20	5180	Ant0	-2.67	0.32	-2.35	11	Pass
NVNT	n20	5200	Ant0	-3.32	0.32	-3	11	Pass
NVNT	n20	5240	Ant0	-3.74	0.32	-3.42	11	Pass
NVNT	n40	5190	Ant0	-9.7	0.61	-9.09	11	Pass
NVNT	n40	5230	Ant0	-11.29	0.61	-10.68	11	Pass
NVNT	ac20	5180	Ant0	-2.69	0.32	-2.37	11	Pass
NVNT	ac20	5200	Ant0	-3.3	0.32	-2.98	11	Pass
NVNT	ac20	5240	Ant0	-4.74	0.32	-4.42	11	Pass
NVNT	ac40	5190	Ant0	-10.48	0.65	-9.83	11	Pass
NVNT	ac40	5230	Ant0	-12.04	0.62	-11.42	11	Pass
NVNT	ac80	5210	Ant0	-16.69	1.14	-15.55	11	Pass

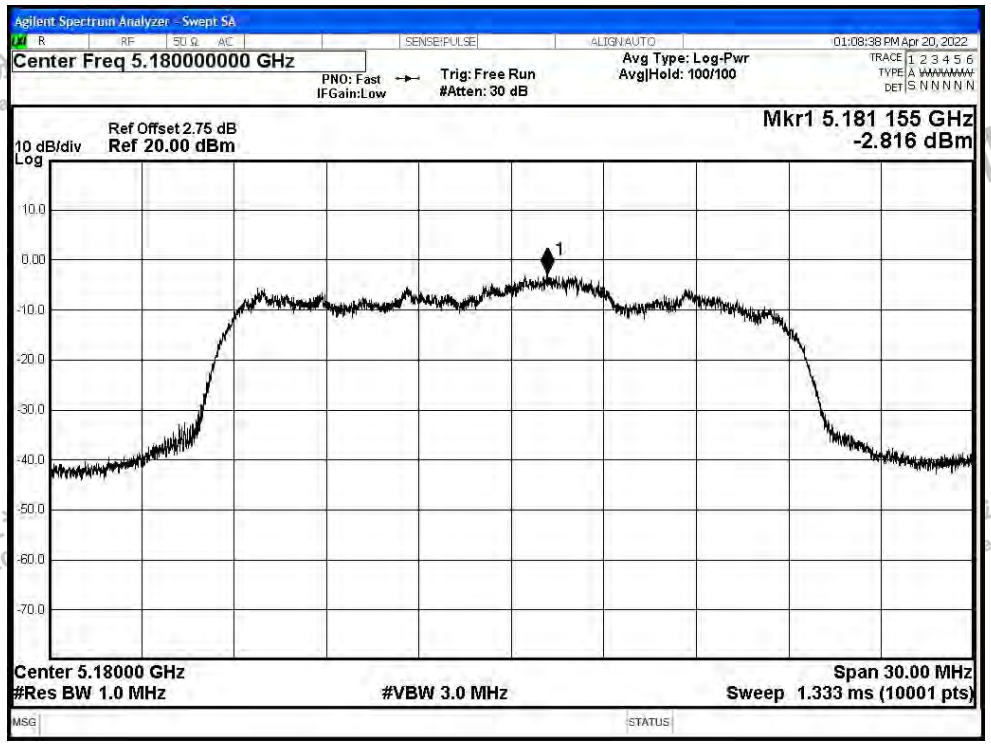
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-3.11	0.32	-2.79	11	Pass
NVNT	a	5200	Ant1	-4.48	0.32	-4.16	11	Pass
NVNT	a	5240	Ant1	-3.54	0.32	-3.22	11	Pass
NVNT	n20	5180	Ant1	-3.19	0.32	-2.87	11	Pass
NVNT	n20	5200	Ant1	-1.47	0.32	-1.15	11	Pass
NVNT	n20	5240	Ant1	-5.29	0.32	-4.97	11	Pass
NVNT	n40	5190	Ant1	-9.99	0.61	-9.38	11	Pass
NVNT	n40	5230	Ant1	-11.13	0.61	-10.52	11	Pass
NVNT	ac20	5180	Ant1	-4.57	0.32	-4.25	11	Pass
NVNT	ac20	5200	Ant1	-4.54	0.32	-4.22	11	Pass
NVNT	ac20	5240	Ant1	-4.25	0.32	-3.93	11	Pass
NVNT	ac40	5190	Ant1	-10.58	0.61	-9.97	11	Pass
NVNT	ac40	5230	Ant1	-11.32	0.62	-10.7	11	Pass
NVNT	ac80	5210	Ant1	-15.91	1.15	-14.76	11	Pass

MIMO

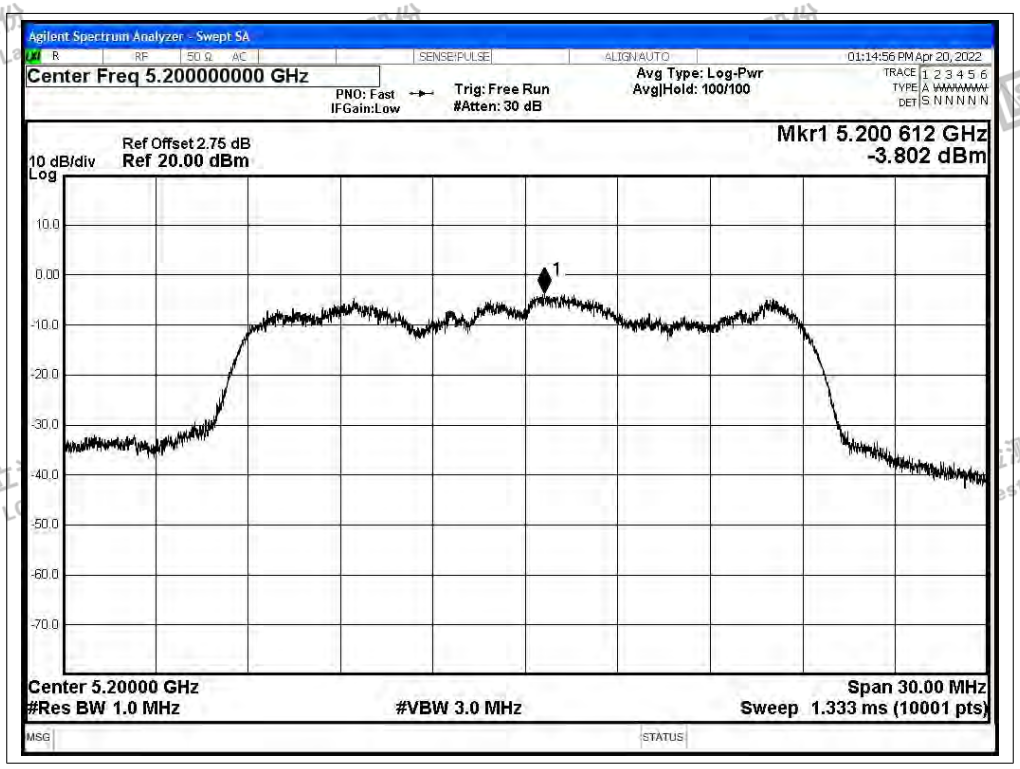
Condition	Mode	Frequency (MHz)	Total PSD (dBm)			Limit (dBm)	Verdict
			ANT0	ANT1	ANT0+ANT1		
NVNT	n20	5180	-2.35	-2.87	0.41	11	Pass
NVNT	n20	5200	-3	-1.15	1.03	11	Pass
NVNT	n20	5240	-3.42	-4.97	-1.12	11	Pass
NVNT	n40	5190	-9.09	-9.38	-6.22	11	Pass
NVNT	n40	5230	-10.68	-10.52	-7.59	11	Pass
NVNT	ac20	5180	-2.37	-4.25	-0.20	11	Pass
NVNT	ac20	5200	-2.98	-4.22	-0.55	11	Pass
NVNT	ac20	5240	-4.42	-3.93	-1.16	11	Pass
NVNT	ac40	5190	-9.83	-9.97	-6.89	11	Pass
NVNT	ac40	5230	-11.42	-10.7	-8.03	11	Pass
NVNT	ac80	5210	-15.55	-14.76	-12.13	11	Pass

Test Graphs

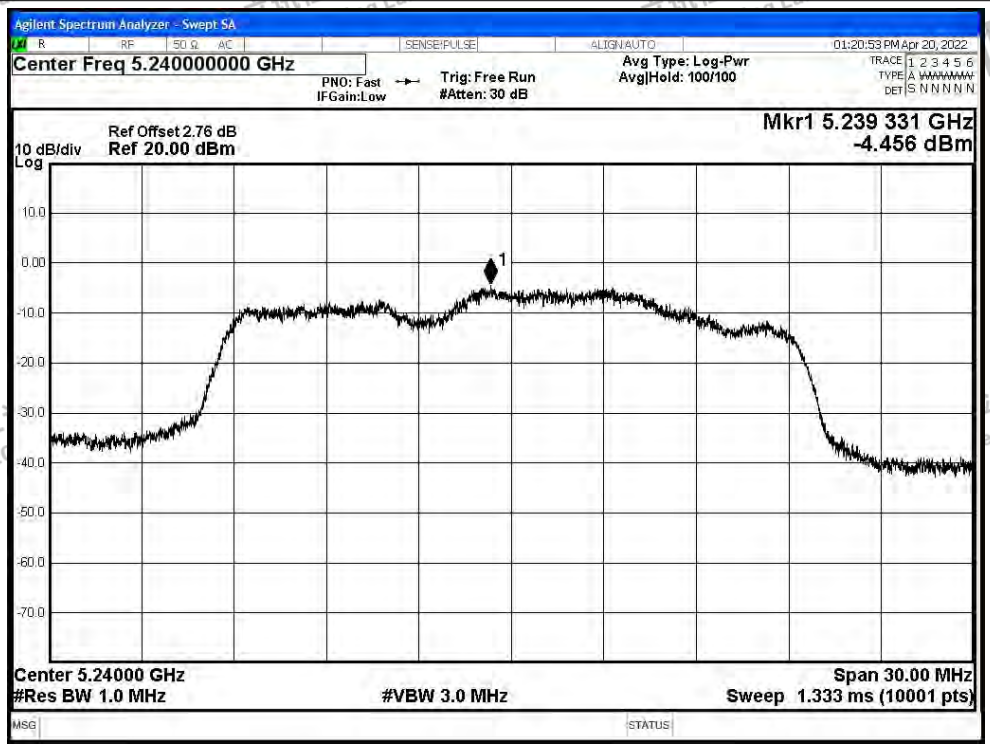
PSD NVNT a 5180MHz Ant0



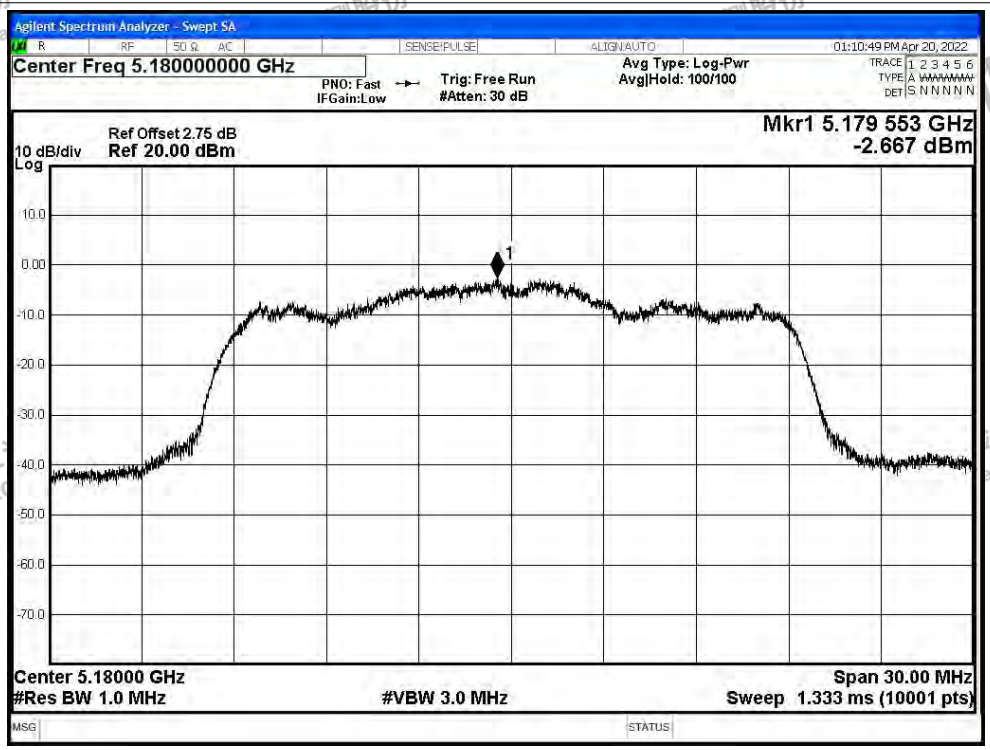
PSD NVNT a 5200MHz Ant0


Agilent Spectrum Analyzer - Swept SA
Center Freq 5.200000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
01:14:56 PM Apr 20, 2022
Ref Offset 2.75 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 5.200 612 GHz
-3.802 dBm
Center 5.20000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Span 30.00 MHz
Sweep 1.333 ms (10001 pts)

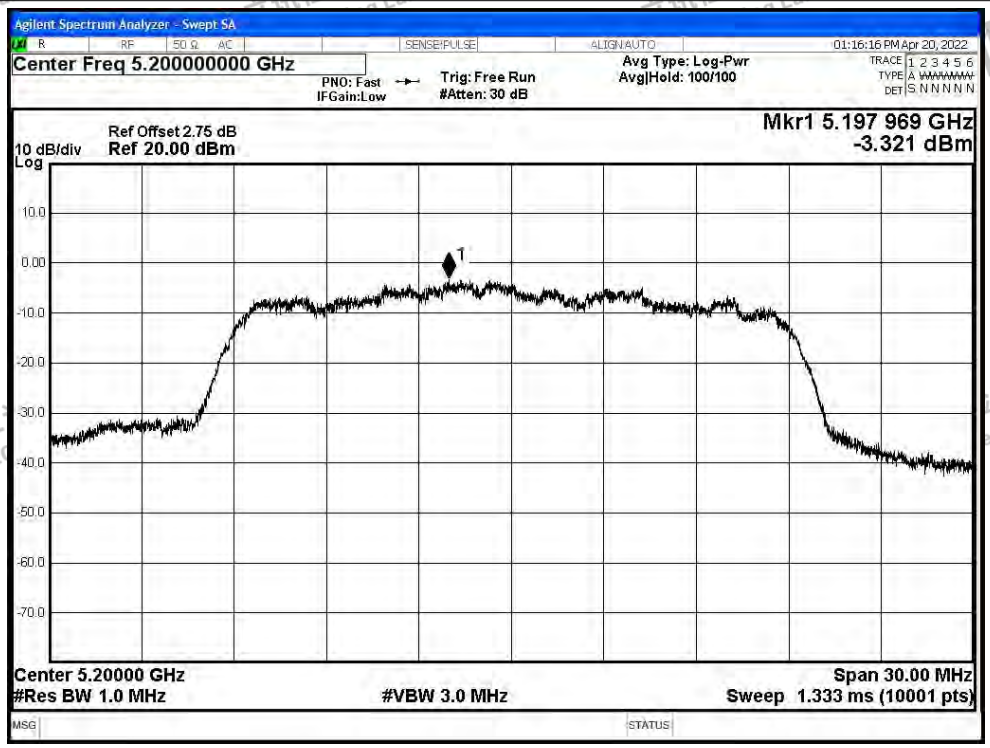
PSD NVNT a 5240MHz Ant0



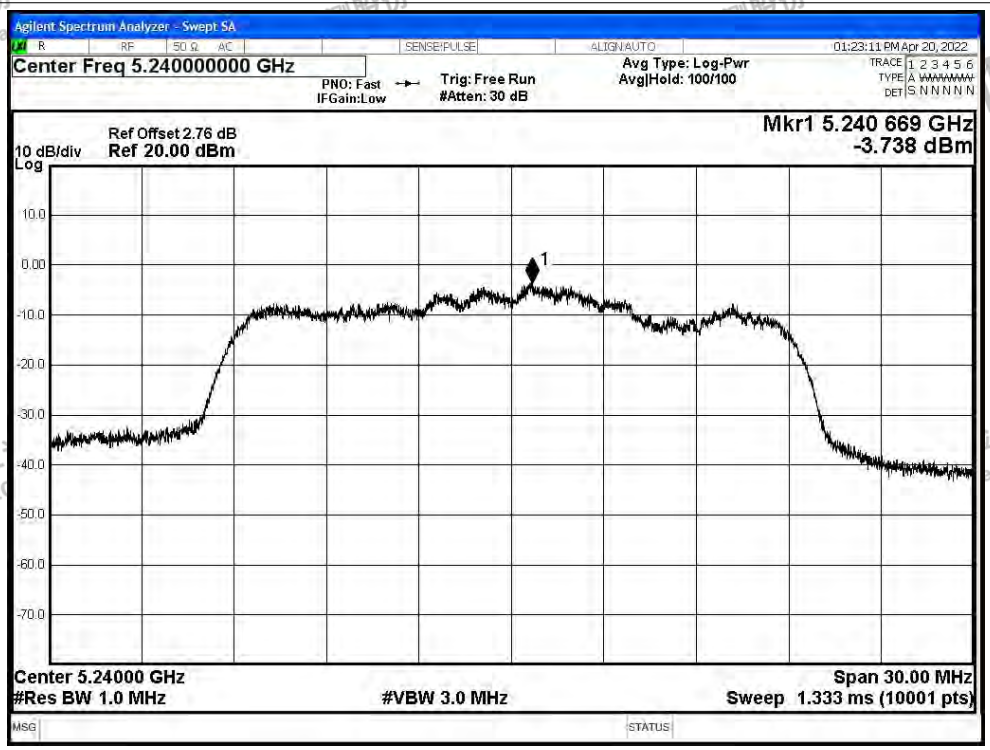
PSD NVNT n20 5180MHz Ant0



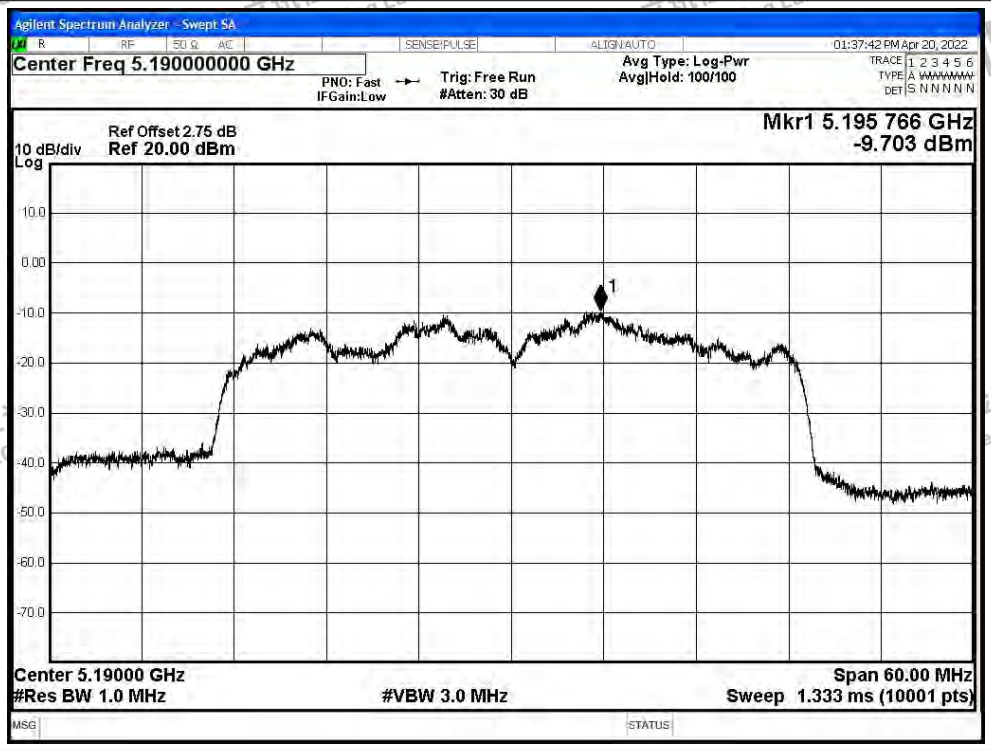
PSD NVNT n20 5200MHz Ant0



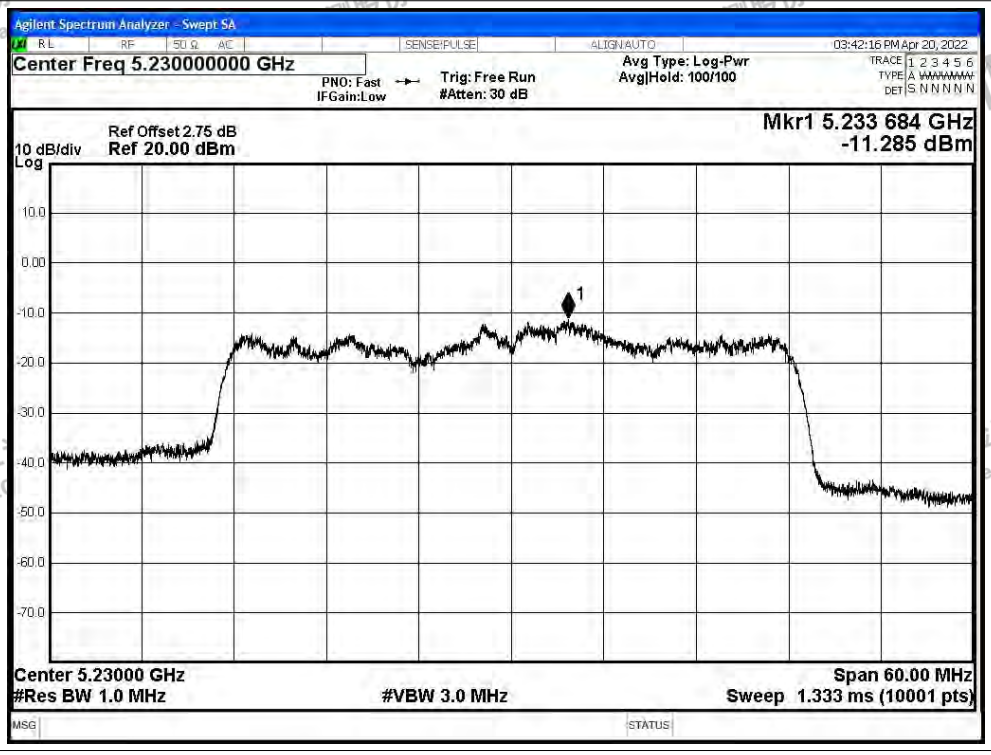
PSD NVNT n20 5240MHz Ant0



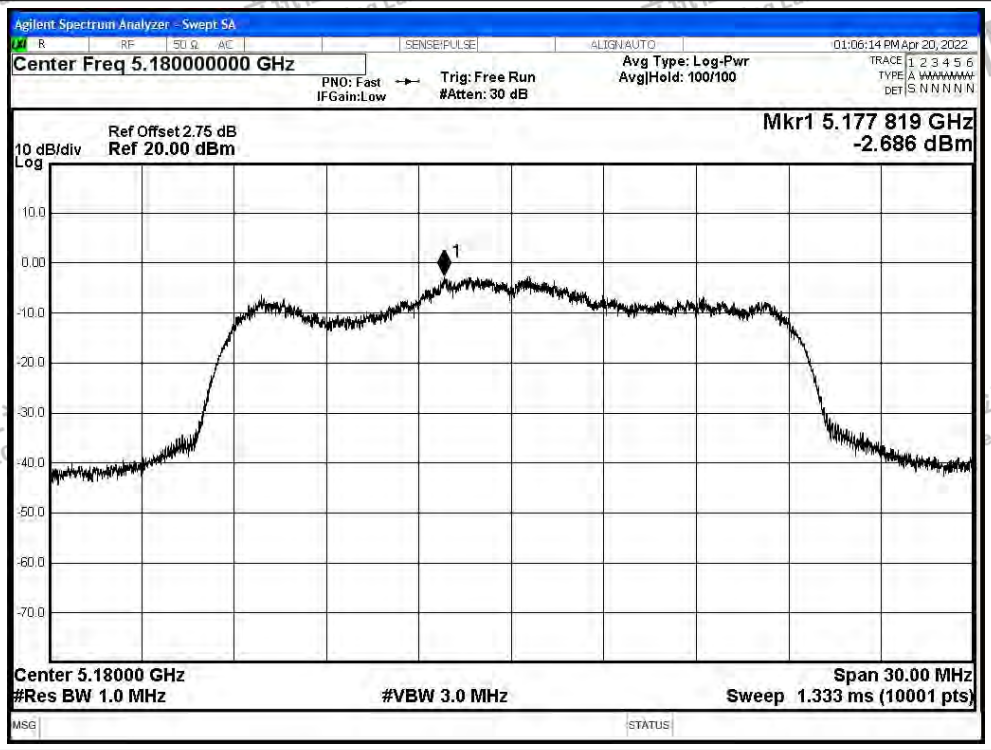
PSD NVNT n40 5190MHz Ant0



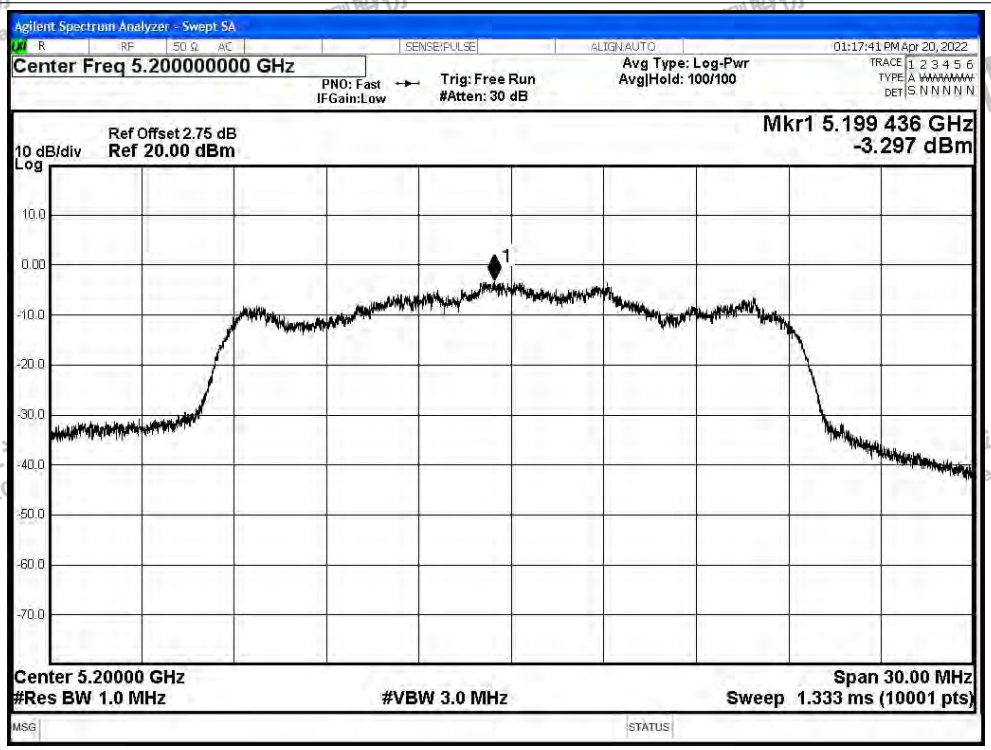
PSD NVNT n40 5230MHz Ant0



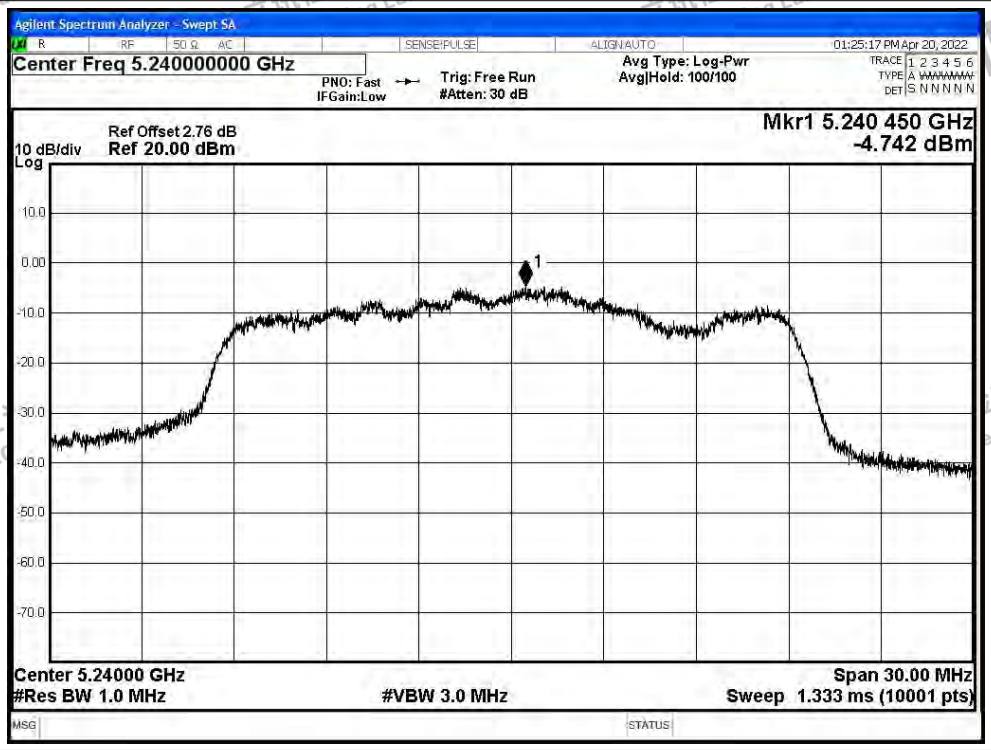
PSD NVNT ac20 5180MHz Ant0



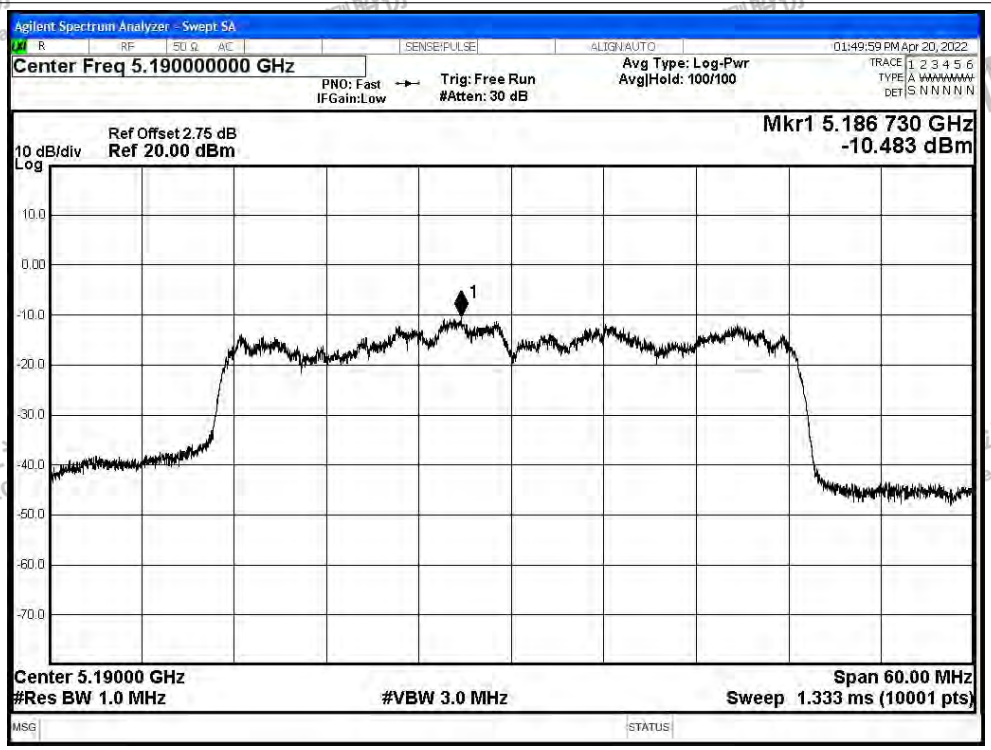
PSD NVNT ac20 5200MHz Ant0



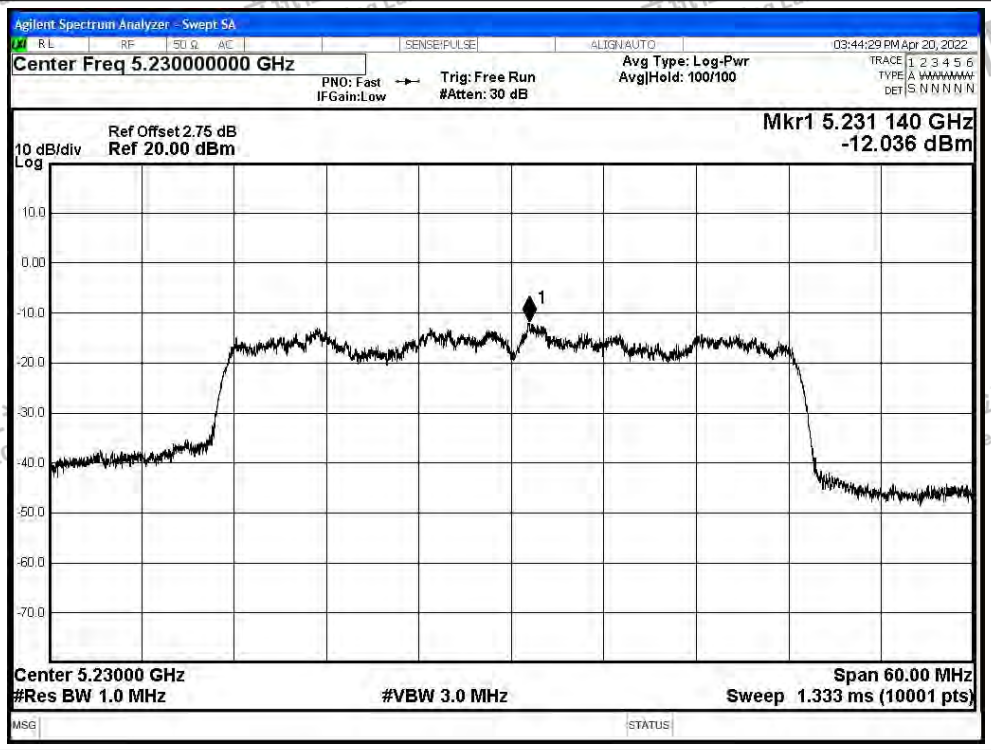
PSD NVNT ac20 5240MHz Ant0



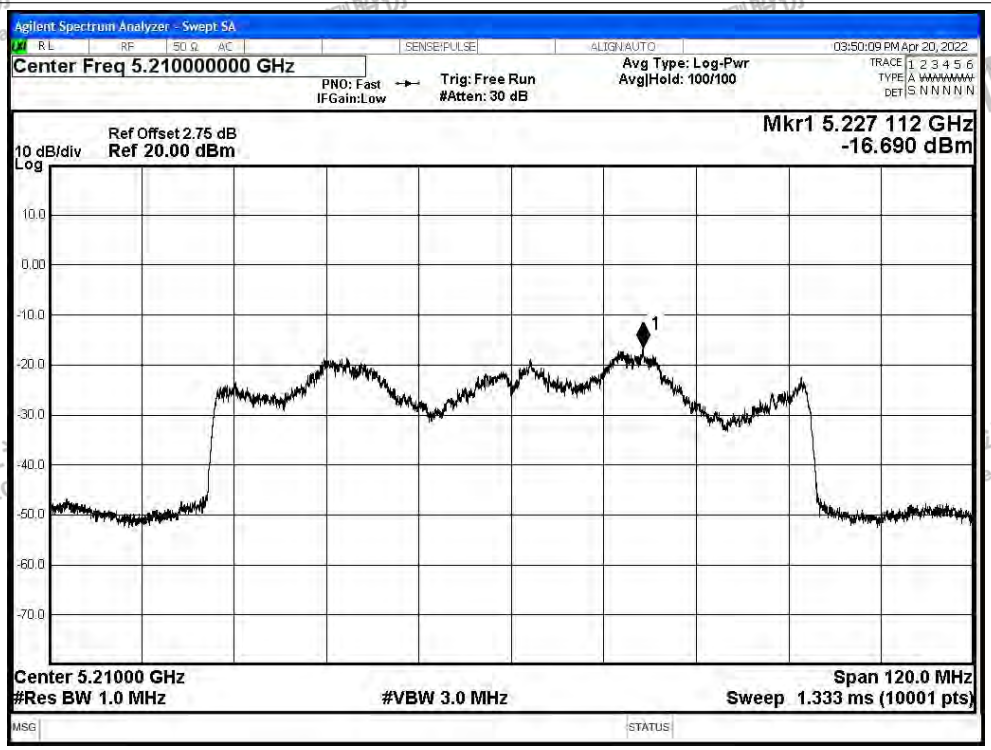
PSD NVNT ac40 5190MHz Ant0



PSD NVNT ac40 5230MHz Ant0

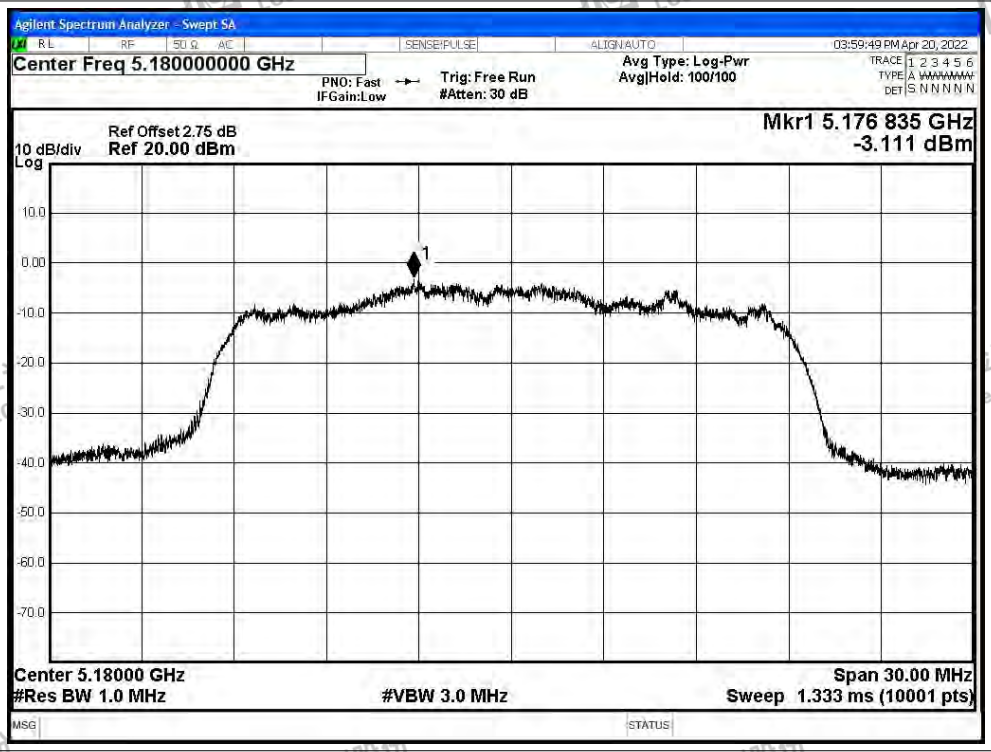


PSD NVNT ac80 5210MHz Ant0

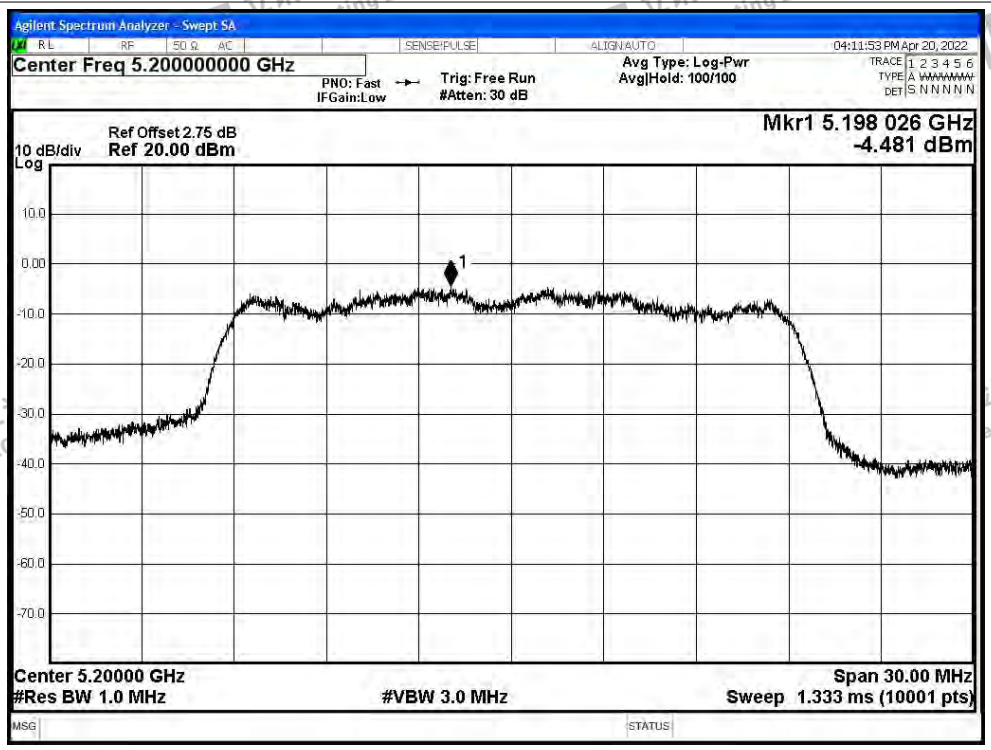


Test Graphs

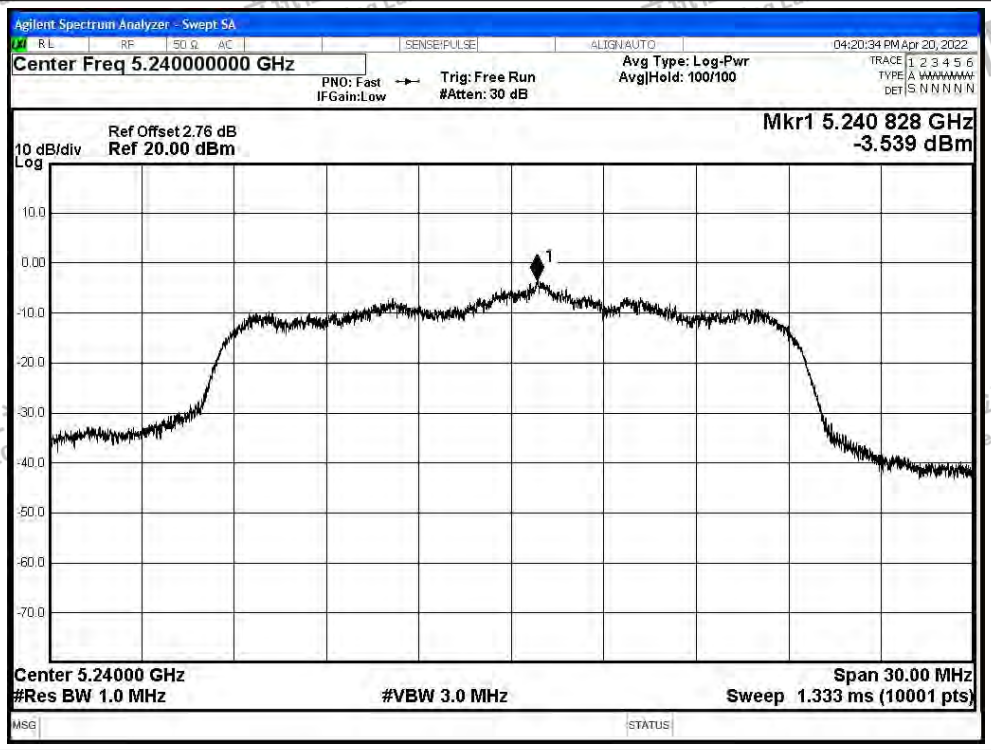
PSD NVNT a 5180MHz Ant1



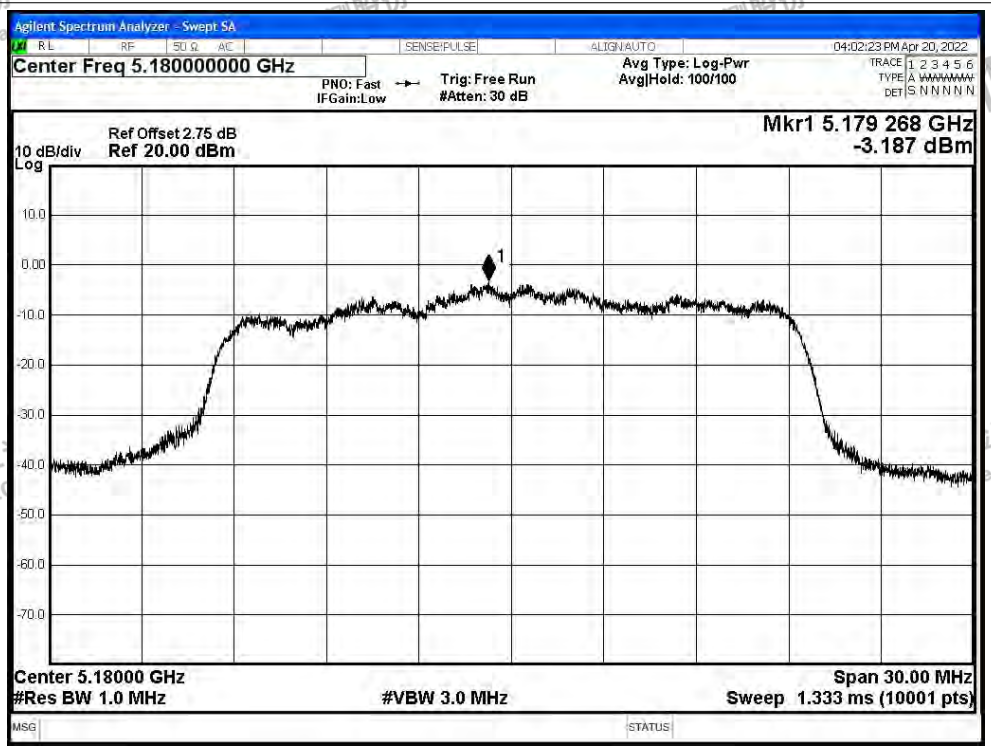
PSD NVNT a 5200MHz Ant1



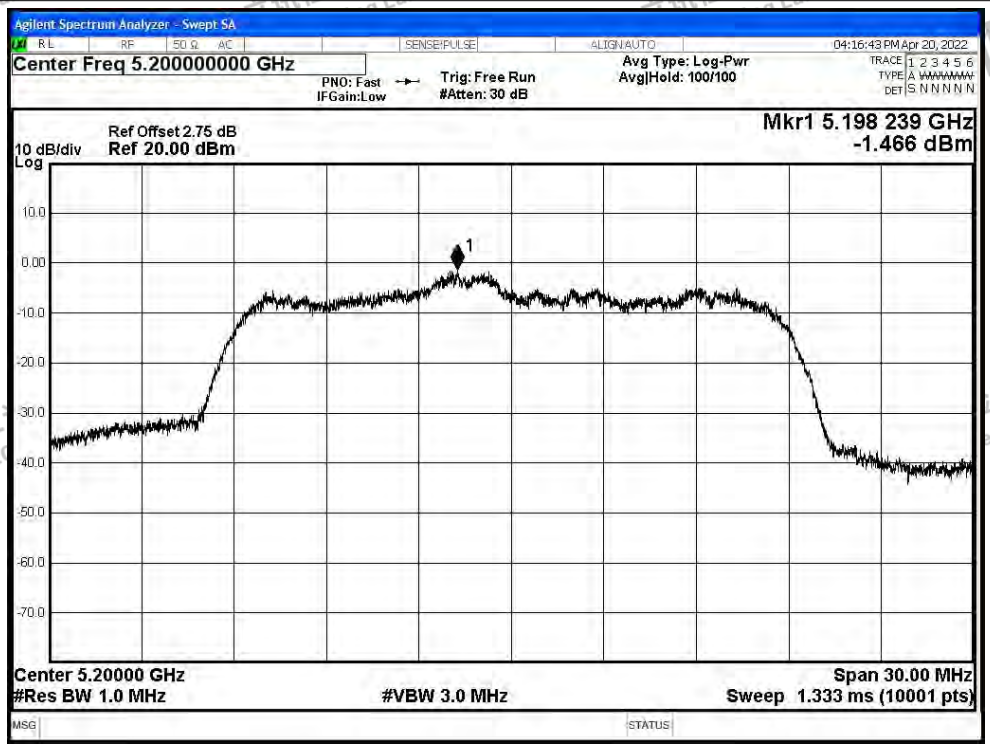
PSD NVNT a 5240MHz Ant1



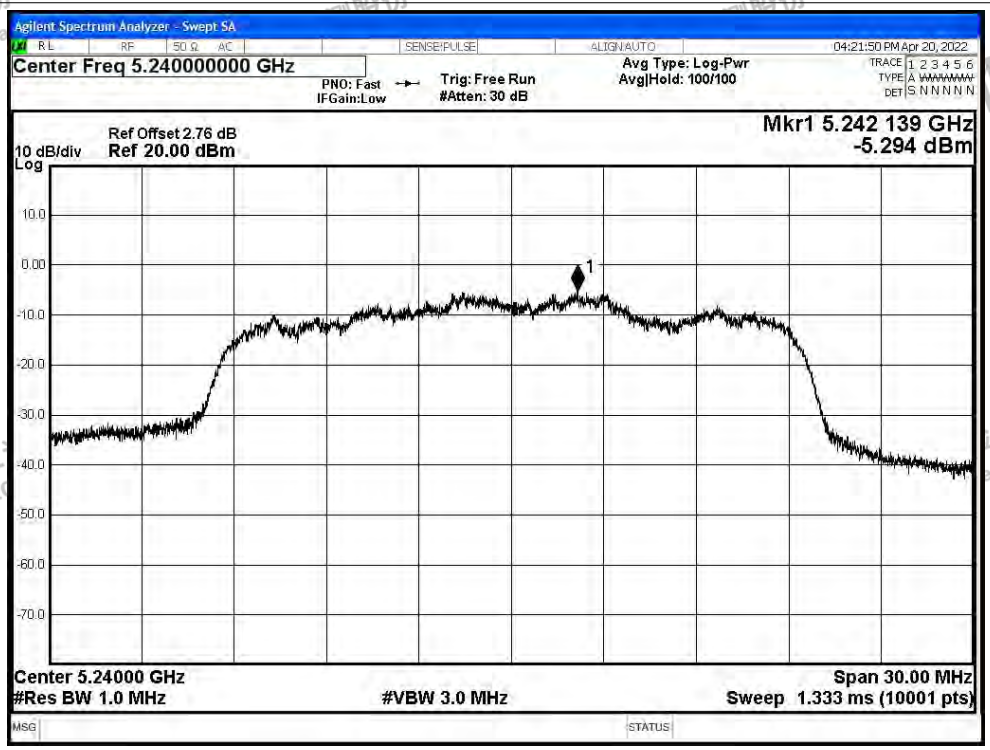
PSD NVNT n20 5180MHz Ant1



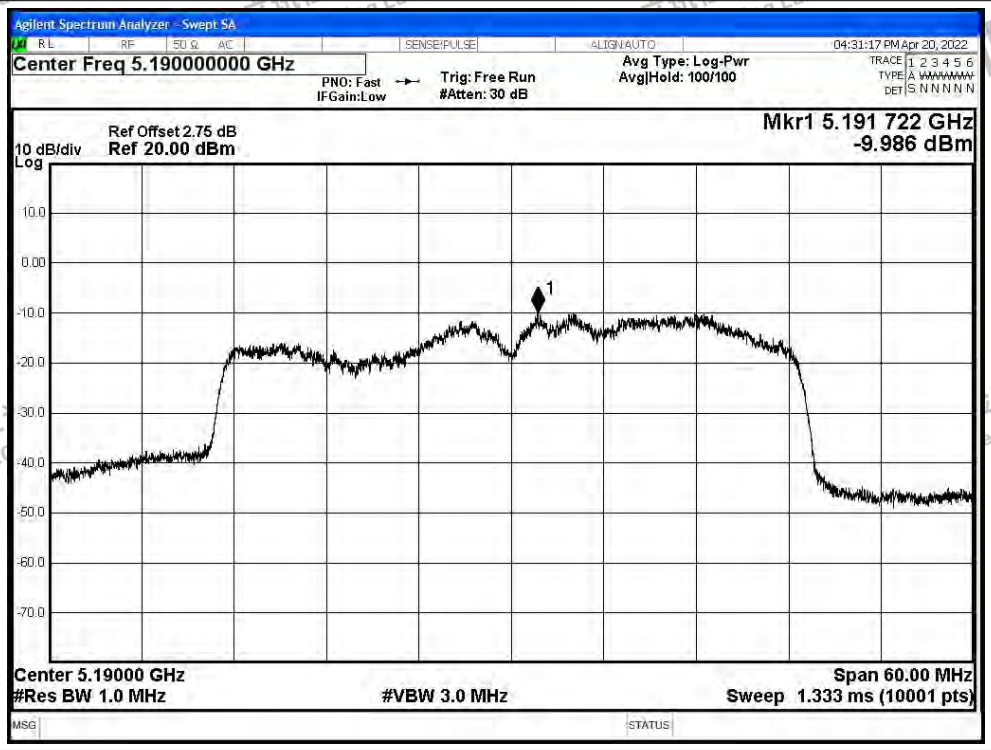
PSD NVNT n20 5200MHz Ant1



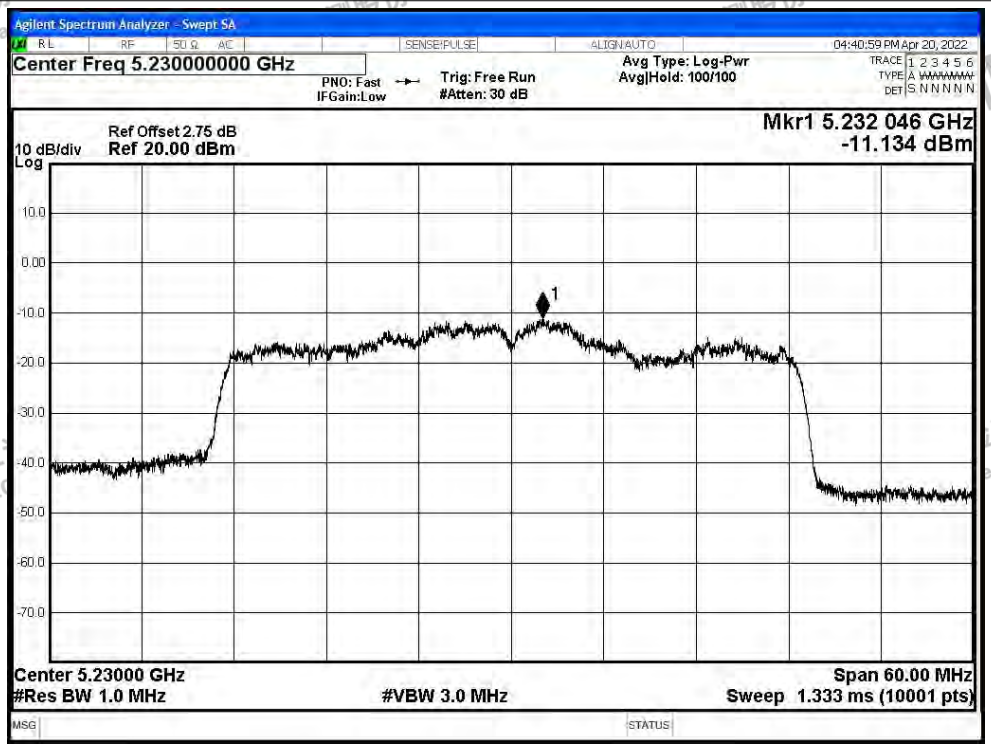
PSD NVNT n20 5240MHz Ant1



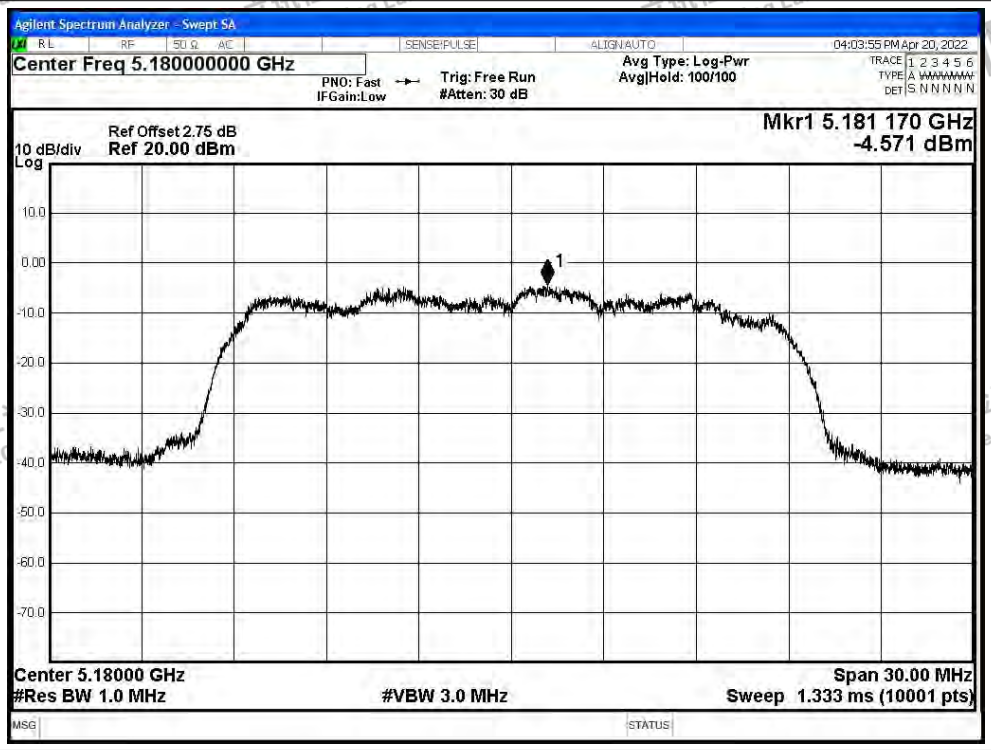
PSD NVNT n40 5190MHz Ant1



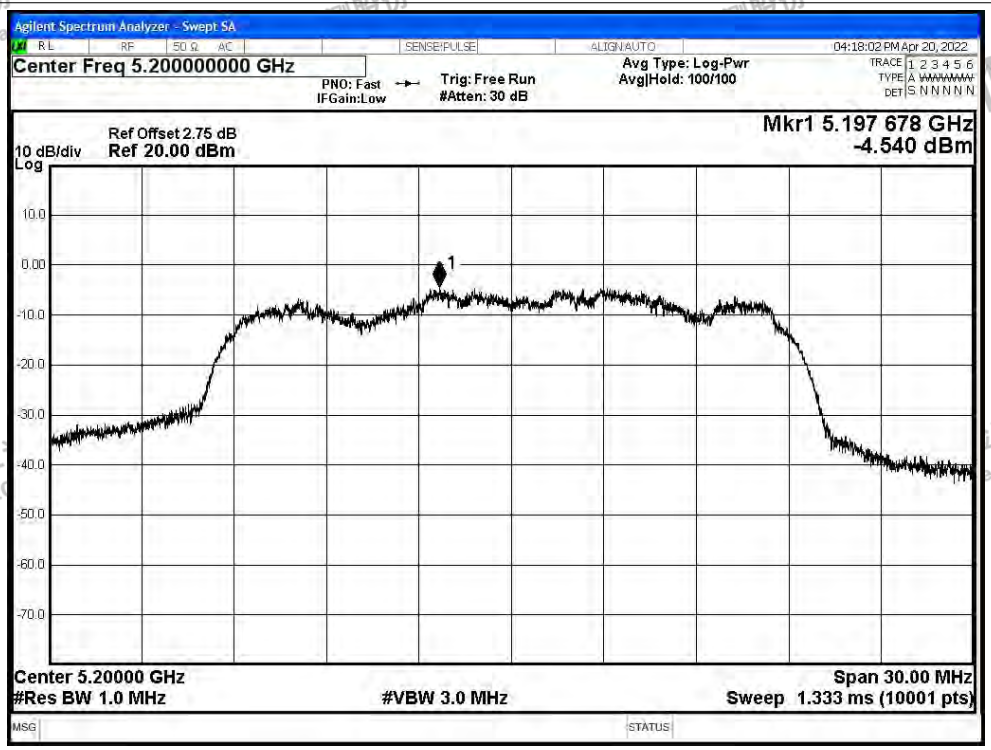
PSD NVNT n40 5230MHz Ant1



PSD NVNT ac20 5180MHz Ant1



PSD NVNT ac20 5200MHz Ant1



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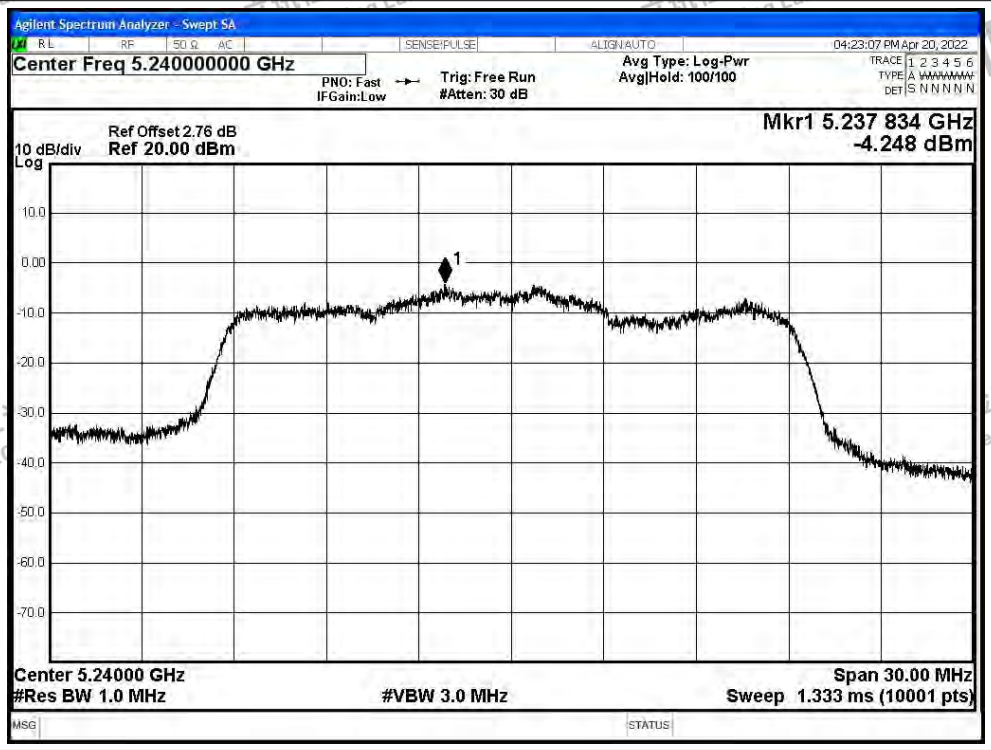
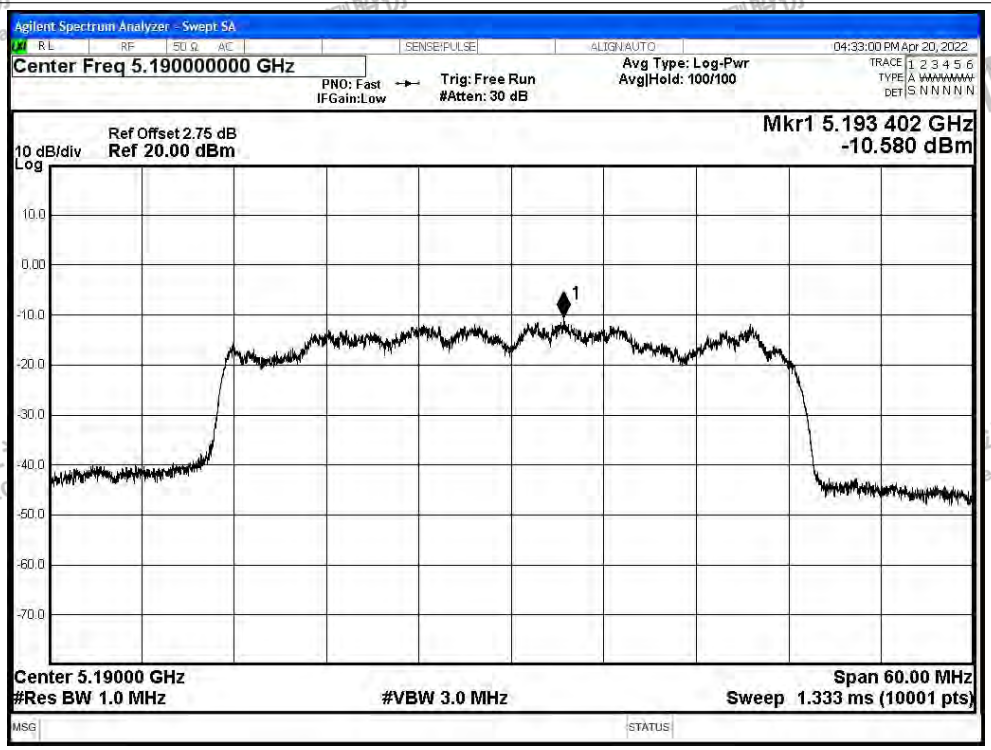
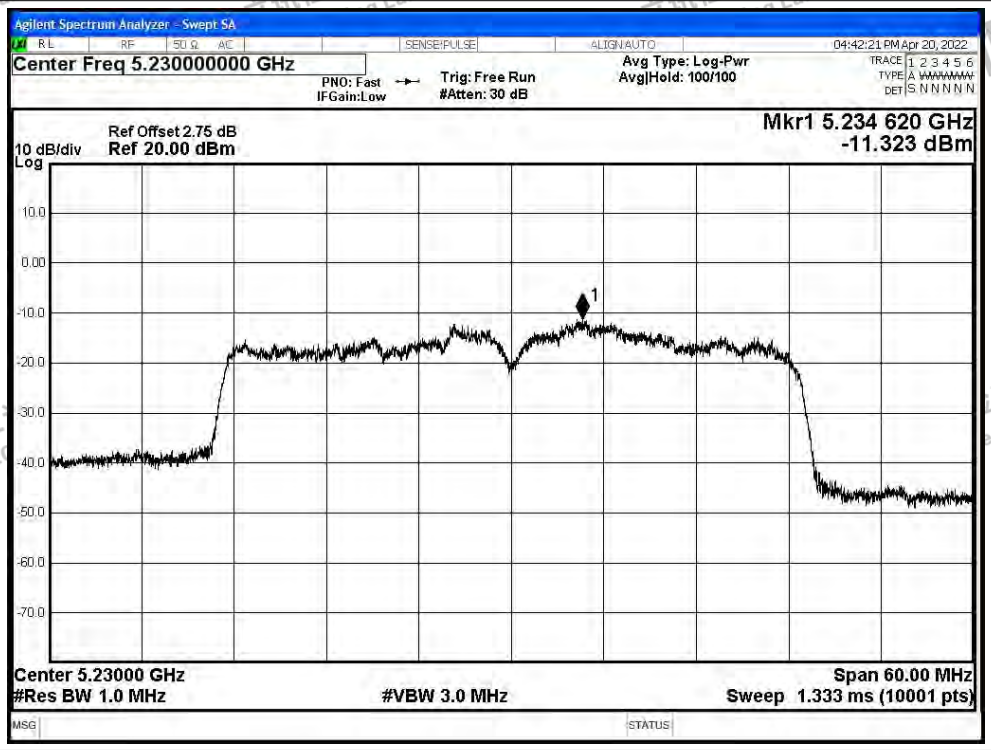


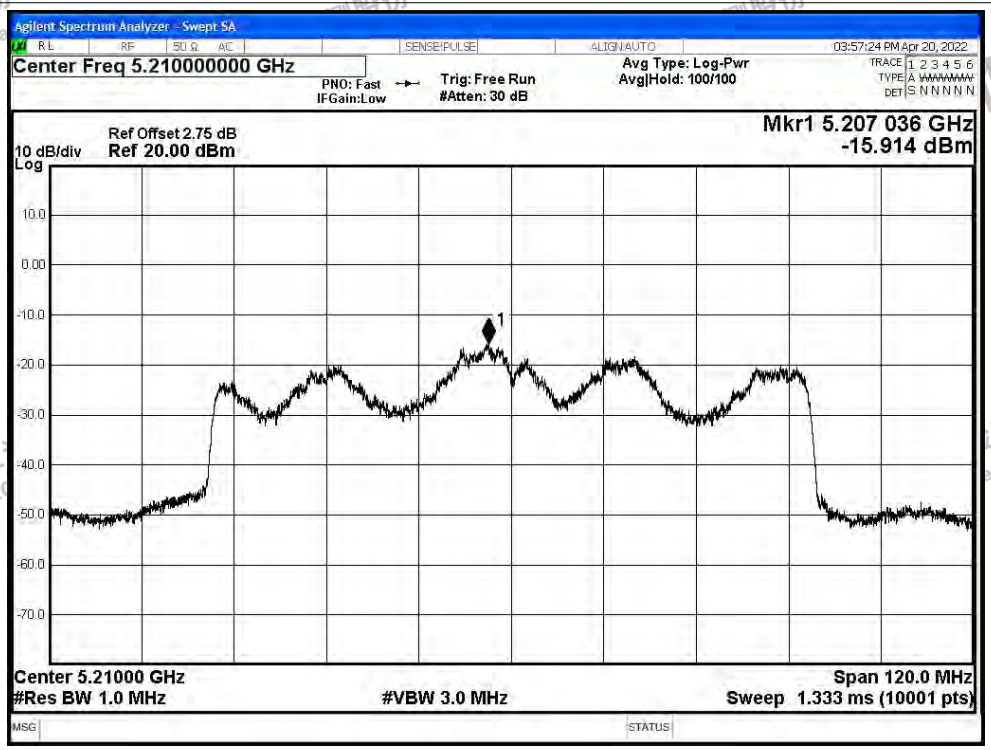
PSD NVNT ac40 5190MHz Ant1



PSD NVNT ac40 5230MHz Ant1



PSD NVNT ac80 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	-52.31	2	44.92	Peak	68.2	Pass
NVNT	a	5180	Ant0	4500	-60.51	2	36.72	Average	54	Pass
NVNT	a	5180	Ant0	5146.1	-33.76	2	63.47	Peak	68.2	Pass
NVNT	a	5180	Ant0	5149.6	-51.87	2	45.36	Average	54	Pass
NVNT	a	5180	Ant0	5150	-34.94	2	62.29	Peak	68.2	Pass
NVNT	a	5180	Ant0	5150	-51.76	2	45.47	Average	54	Pass
NVNT	a	5240	Ant0	5350	-47.62	2	49.61	Peak	68.2	Pass
NVNT	a	5240	Ant0	5350	-57.64	2	39.59	Average	54	Pass
NVNT	a	5240	Ant0	5387.76	-44.68	2	52.55	Peak	68.2	Pass
NVNT	a	5240	Ant0	5450.16	-54.79	2	42.44	Average	54	Pass
NVNT	a	5240	Ant0	5460	-47.22	2	50.01	Peak	68.2	Pass
NVNT	a	5240	Ant0	5460	-57.09	2	40.14	Average	54	Pass
NVNT	n20	5180	Ant0	4500	-51.28	2	45.95	Peak	68.2	Pass
NVNT	n20	5180	Ant0	4500	-60.64	2	36.59	Average	54	Pass
NVNT	n20	5180	Ant0	5141.2	-33.08	2	64.15	Peak	68.2	Pass
NVNT	n20	5180	Ant0	5148.9	-51.75	2	45.48	Average	54	Pass
NVNT	n20	5180	Ant0	5150	-33.43	2	63.8	Peak	68.2	Pass
NVNT	n20	5180	Ant0	5150	-51.49	2	45.74	Average	54	Pass
NVNT	n20	5240	Ant0	5350	-49.06	2	48.17	Peak	68.2	Pass
NVNT	n20	5240	Ant0	5350	-57.65	2	39.58	Average	54	Pass
NVNT	n20	5240	Ant0	5384.4	-45.16	2	52.07	Peak	68.2	Pass
NVNT	n20	5240	Ant0	5450.64	-54.86	2	42.37	Average	54	Pass
NVNT	n20	5240	Ant0	5460	-48.58	2	48.65	Peak	68.2	Pass
NVNT	n20	5240	Ant0	5460	-57.15	2	40.08	Average	54	Pass
NVNT	n40	5190	Ant0	4500	-51.59	2	45.64	Peak	68.2	Pass
NVNT	n40	5190	Ant0	4500	-60.56	2	36.67	Average	54	Pass
NVNT	n40	5190	Ant0	5147.51	-37.37	2	59.86	Peak	68.2	Pass
NVNT	n40	5190	Ant0	5149.7	-49.25	2	47.98	Average	54	Pass
NVNT	n40	5190	Ant0	5150	-38.35	2	58.88	Peak	68.2	Pass
NVNT	n40	5190	Ant0	5150	-48.88	2	48.35	Average	54	Pass
NVNT	n40	5230	Ant0	5350	-51.18	2	46.05	Peak	68.2	Pass
NVNT	n40	5230	Ant0	5350	-59.51	2	37.72	Average	54	Pass
NVNT	n40	5230	Ant0	5378.73	-47.67	2	49.56	Peak	68.2	Pass
NVNT	n40	5230	Ant0	5357.4	-58.91	2	38.32	Average	54	Pass
NVNT	n40	5230	Ant0	5460	-51	2	46.23	Peak	68.2	Pass
NVNT	n40	5230	Ant0	5460	-59.56	2	37.67	Average	54	Pass
NVNT	ac20	5180	Ant0	4500	-50.83	2	46.4	Peak	68.2	Pass

NVNT	ac20	5180	Ant0	4500	-60.45	2	36.78	Average	54	Pass
NVNT	ac20	5180	Ant0	5143.3	-34.3	2	62.93	Peak	68.2	Pass
NVNT	ac20	5180	Ant0	5149.6	-51.88	2	45.35	Average	54	Pass
NVNT	ac20	5180	Ant0	5150	-34.95	2	62.28	Peak	68.2	Pass
NVNT	ac20	5180	Ant0	5150	-51.49	2	45.74	Average	54	Pass
NVNT	ac20	5240	Ant0	5350	-48.49	2	48.74	Peak	68.2	Pass
NVNT	ac20	5240	Ant0	5350	-57.61	2	39.62	Average	54	Pass
NVNT	ac20	5240	Ant0	5452.08	-45.42	2	51.81	Peak	68.2	Pass
NVNT	ac20	5240	Ant0	5450.16	-55.06	2	42.17	Average	54	Pass
NVNT	ac20	5240	Ant0	5460	-48	2	49.23	Peak	68.2	Pass
NVNT	ac20	5240	Ant0	5460	-57.22	2	40.01	Average	54	Pass
NVNT	ac40	5190	Ant0	4500	-51.65	2	45.58	Peak	68.2	Pass
NVNT	ac40	5190	Ant0	4500	-60	2	37.23	Average	54	Pass
NVNT	ac40	5190	Ant0	5146.78	-36.74	2	60.49	Peak	68.2	Pass
NVNT	ac40	5190	Ant0	5149.7	-48	2	49.23	Average	54	Pass
NVNT	ac40	5190	Ant0	5150	-34.6	2	62.63	Peak	68.2	Pass
NVNT	ac40	5190	Ant0	5150	-47.77	2	49.46	Average	54	Pass
NVNT	ac40	5230	Ant0	5350	-49.51	2	47.72	Peak	68.2	Pass
NVNT	ac40	5230	Ant0	5350	-59.21	2	38.02	Average	54	Pass
NVNT	ac40	5230	Ant0	5393.58	-47.17	2	50.06	Peak	68.2	Pass
NVNT	ac40	5230	Ant0	5387.64	-58.84	2	38.39	Average	54	Pass
NVNT	ac40	5230	Ant0	5460	-50.33	2	46.9	Peak	68.2	Pass
NVNT	ac40	5230	Ant0	5460	-59.7	2	37.53	Average	54	Pass
NVNT	ac80	5210	Ant0	5350	-50.05	2	47.18	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5350	-58.04	2	39.19	Average	54	Pass
NVNT	ac80	5210	Ant0	5382.78	-46.64	2	50.59	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5364.63	-57.58	2	39.65	Average	54	Pass
NVNT	ac80	5210	Ant0	5460	-50.01	2	47.22	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5460	-58.93	2	38.3	Average	54	Pass
NVNT	ac80	5210	Ant0	4500	-51.47	2	45.76	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	4500	-59.92	2	37.31	Average	54	Pass
NVNT	ac80	5210	Ant0	5145.43	-41.81	2	55.42	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5148.59	-51.49	2	45.74	Average	54	Pass
NVNT	ac80	5210	Ant0	5150	-44.2	2	53.03	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5150	-51.7	2	45.53	Average	54	Pass

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	-60.66	2	36.57	Average	54	Pass
NVNT	a	5180	Ant1	5146.1	-38.91	2	58.32	Peak	68.2	Pass
NVNT	a	5180	Ant1	5149.6	-56.07	2	41.16	Average	54	Pass
NVNT	a	5180	Ant1	5150	-40.47	2	56.76	Peak	68.2	Pass
NVNT	a	5180	Ant1	5150	-55.92	2	41.31	Average	54	Pass
NVNT	a	5240	Ant1	5350	-48.85	2	48.38	Peak	68.2	Pass
NVNT	a	5240	Ant1	5350	-59.56	2	37.67	Average	54	Pass
NVNT	a	5240	Ant1	5372.88	-46.73	2	50.5	Peak	68.2	Pass
NVNT	a	5240	Ant1	5450.64	-58.73	2	38.5	Average	54	Pass
NVNT	a	5240	Ant1	5460	-49.81	2	47.42	Peak	68.2	Pass
NVNT	a	5240	Ant1	5460	-59.54	2	37.69	Average	54	Pass
NVNT	n20	5180	Ant1	4500	-50.71	2	46.52	Peak	68.2	Pass
NVNT	n20	5180	Ant1	4500	-60.74	2	36.49	Average	54	Pass
NVNT	n20	5180	Ant1	5132.1	-38.75	2	58.48	Peak	68.2	Pass
NVNT	n20	5180	Ant1	5149.6	-55.91	2	41.32	Average	54	Pass
NVNT	n20	5180	Ant1	5150	-41.37	2	55.86	Peak	68.2	Pass
NVNT	n20	5180	Ant1	5150	-56	2	41.23	Average	54	Pass
NVNT	n20	5240	Ant1	5350	-50.05	2	47.18	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5350	-59.74	2	37.49	Average	54	Pass
NVNT	n20	5240	Ant1	5372.16	-47.46	2	49.77	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5450.4	-58.58	2	38.65	Average	54	Pass
NVNT	n20	5240	Ant1	5460	-51.24	2	45.99	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5460	-59.41	2	37.82	Average	54	Pass
NVNT	n40	5190	Ant1	4500	-51.02	2	46.21	Peak	68.2	Pass
NVNT	n40	5190	Ant1	4500	-60.26	2	36.97	Average	54	Pass
NVNT	n40	5190	Ant1	5145.32	-38.8	2	58.43	Peak	68.2	Pass
NVNT	n40	5190	Ant1	5149.7	-50.79	2	46.44	Average	54	Pass
NVNT	n40	5190	Ant1	5150	-40.5	2	56.73	Peak	68.2	Pass
NVNT	n40	5190	Ant1	5150	-50.02	2	47.21	Average	54	Pass
NVNT	n40	5230	Ant1	5350	-50.47	2	46.76	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5350	-59.05	2	38.18	Average	54	Pass
NVNT	n40	5230	Ant1	5368.2	-47.41	2	49.82	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5353.35	-58.88	2	38.35	Average	54	Pass
NVNT	n40	5230	Ant1	5460	-51.46	2	45.77	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5460	-59.64	2	37.59	Average	54	Pass
NVNT	ac20	5180	Ant1	4500	-51.22	2	46.01	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	4500	-60.61	2	36.62	Average	54	Pass
NVNT	ac20	5180	Ant1	5135.6	-39.79	2	57.44	Peak	68.2	Pass

NVNT	ac20	5180	Ant1	5148.9	-56.18	2	41.05	Average	54	Pass
NVNT	ac20	5180	Ant1	5150	-38.33	2	58.9	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	5150	-55.97	2	41.26	Average	54	Pass
NVNT	ac20	5240	Ant1	5350	-50.74	2	46.49	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5350	-59.59	2	37.64	Average	54	Pass
NVNT	ac20	5240	Ant1	5372.64	-46.97	2	50.26	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5450.4	-58.81	2	38.42	Average	54	Pass
NVNT	ac20	5240	Ant1	5460	-51.01	2	46.22	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5460	-59.35	2	37.88	Average	54	Pass
NVNT	ac40	5190	Ant1	4500	-49.8	2	47.43	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	4500	-60.18	2	37.05	Average	54	Pass
NVNT	ac40	5190	Ant1	5149.7	-37.78	2	59.45	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	5149.7	-50.94	2	46.29	Average	54	Pass
NVNT	ac40	5190	Ant1	5150	-37.75	2	59.48	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	5150	-50.4	2	46.83	Average	54	Pass
NVNT	ac40	5230	Ant1	5350	-50.24	2	46.99	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5350	-59.18	2	38.05	Average	54	Pass
NVNT	ac40	5230	Ant1	5407.35	-47.9	2	49.33	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5361.99	-58.82	2	38.41	Average	54	Pass
NVNT	ac40	5230	Ant1	5460	-51.19	2	46.04	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5460	-59.62	2	37.61	Average	54	Pass
NVNT	ac80	5210	Ant1	5350	-48.62	2	48.61	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5350	-58.37	2	38.86	Average	54	Pass
NVNT	ac80	5210	Ant1	5363.97	-46.21	2	51.02	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5369.25	-57.58	2	39.65	Average	54	Pass
NVNT	ac80	5210	Ant1	5460	-49.81	2	47.42	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5460	-58.93	2	38.3	Average	54	Pass
NVNT	ac80	5210	Ant1	4500	-48.61	2	48.62	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	4500	-59.85	2	37.38	Average	54	Pass
NVNT	ac80	5210	Ant1	5148.59	-42.31	2	54.92	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5148.59	-51.67	2	45.56	Average	54	Pass
NVNT	ac80	5210	Ant1	5150	-43.68	2	53.55	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5150	-51.33	2	45.9	Average	54	Pass

MIMO

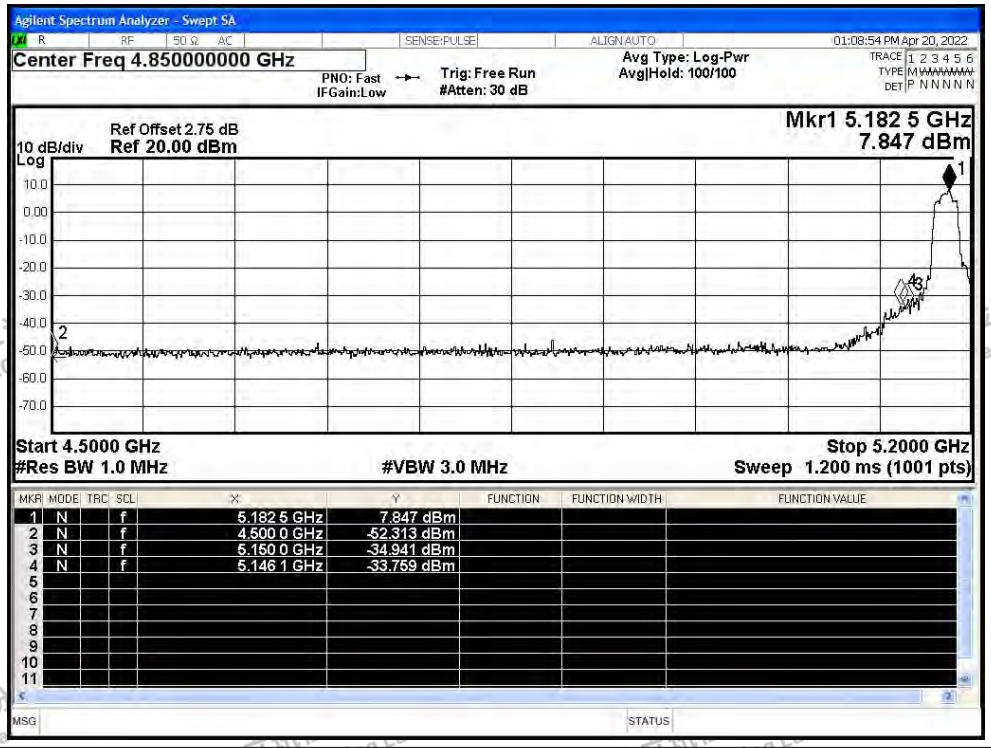
Condition	Mode	Frequency (MHz)	Spur Freq (MHz)	Power (dBm) ANT0	ANT1	ANT0+ANT1	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	n20	5180	4500	-51.28	-50.71	-47.98	47.25	Peak	68.2	Pass
NVNT	n20	5180	4500	-60.64	-60.74	-57.68	37.55	Average	54	Pass
NVNT	n20	5180	5141.2	-33.08	-38.75	-32.04	63.19	Peak	68.2	Pass
NVNT	n20	5180	5148.9	-51.75	-55.91	-50.34	44.89	Average	54	Pass
NVNT	n20	5180	5150	-33.43	-41.37	-32.78	62.44	Peak	68.2	Pass
NVNT	n20	5180	5150	-51.49	-56	-50.17	45.05	Average	54	Pass
NVNT	n20	5240	5350	-49.06	-50.05	-46.52	48.71	Peak	68.2	Pass
NVNT	n20	5240	5350	-57.65	-59.74	-55.56	39.67	Average	54	Pass
NVNT	n20	5240	5384.4	-45.16	-47.46	-43.15	52.08	Peak	68.2	Pass
NVNT	n20	5240	5450.64	-54.86	-58.58	-53.32	41.90	Average	54	Pass
NVNT	n20	5240	5460	-48.58	-51.24	-46.70	48.53	Peak	68.2	Pass
NVNT	n20	5240	5460	-57.15	-59.41	-55.12	40.10	Average	54	Pass
NVNT	n40	5190	4500	-51.59	-51.02	-48.29	46.94	Peak	68.2	Pass
NVNT	n40	5190	4500	-60.56	-60.26	-57.40	37.83	Average	54	Pass
NVNT	n40	5190	5147.51	-37.37	-38.8	-35.02	60.21	Peak	68.2	Pass
NVNT	n40	5190	5149.7	-49.25	-50.79	-46.94	48.29	Average	54	Pass
NVNT	n40	5190	5150	-38.35	-40.5	-36.28	58.94	Peak	68.2	Pass
NVNT	n40	5190	5150	-48.88	-50.02	-46.40	48.83	Average	54	Pass
NVNT	n40	5230	5350	-51.18	-50.47	-47.80	47.43	Peak	68.2	Pass
NVNT	n40	5230	5350	-59.51	-59.05	-56.26	38.96	Average	54	Pass
NVNT	n40	5230	5378.73	-47.67	-47.41	-44.53	50.70	Peak	68.2	Pass
NVNT	n40	5230	5357.4	-58.91	-58.88	-55.88	39.34	Average	54	Pass
NVNT	n40	5230	5460	-51	-51.46	-48.21	47.01	Peak	68.2	Pass
NVNT	n40	5230	5460	-59.56	-59.64	-56.59	38.64	Average	54	Pass
NVNT	ac20	5180	4500	-50.83	-51.22	-48.01	47.22	Peak	68.2	Pass
NVNT	ac20	5180	4500	-60.45	-60.61	-57.52	37.71	Average	54	Pass
NVNT	ac20	5180	5143.3	-34.3	-39.79	-33.22	62.01	Peak	68.2	Pass
NVNT	ac20	5180	5149.6	-51.88	-56.18	-50.51	44.72	Average	54	Pass
NVNT	ac20	5180	5150	-34.95	-38.33	-33.31	61.92	Peak	68.2	Pass
NVNT	ac20	5180	5150	-51.49	-55.97	-50.17	45.06	Average	54	Pass
NVNT	ac20	5240	5350	-48.49	-50.74	-46.46	48.77	Peak	68.2	Pass
NVNT	ac20	5240	5350	-57.61	-59.59	-55.48	39.75	Average	54	Pass
NVNT	ac20	5240	5452.08	-45.42	-46.97	-43.12	52.11	Peak	68.2	Pass
NVNT	ac20	5240	5450.16	-55.06	-58.81	-53.53	41.70	Average	54	Pass
NVNT	ac20	5240	5460	-48	-51.01	-46.24	48.99	Peak	68.2	Pass
NVNT	ac20	5240	5460	-57.22	-59.35	-55.15	40.08	Average	54	Pass
NVNT	ac40	5190	4500	-51.65	-49.8	-47.62	47.61	Peak	68.2	Pass
NVNT	ac40	5190	4500	-60	-60.18	-57.08	38.15	Average	54	Pass

NVNT	ac40	5190	5146.78	-36.74	-37.78	-34.22	61.01	Peak	68.2	Pass
NVNT	ac40	5190	5149.7	-48	-50.94	-46.22	49.01	Average	54	Pass
NVNT	ac40	5190	5150	-34.6	-37.75	-32.89	62.34	Peak	68.2	Pass
NVNT	ac40	5190	5150	-47.77	-50.4	-45.88	49.35	Average	54	Pass
NVNT	ac40	5230	5350	-49.51	-50.24	-46.85	48.38	Peak	68.2	Pass
NVNT	ac40	5230	5350	-59.21	-59.18	-56.18	39.04	Average	54	Pass
NVNT	ac40	5230	5393.58	-47.17	-47.9	-44.51	50.72	Peak	68.2	Pass
NVNT	ac40	5230	5387.64	-58.84	-58.82	-55.82	39.41	Average	54	Pass
NVNT	ac40	5230	5460	-50.33	-51.19	-47.73	47.50	Peak	68.2	Pass
NVNT	ac40	5230	5460	-59.7	-59.62	-56.65	38.58	Average	54	Pass
NVNT	ac80	5210	5350	-50.05	-48.62	-46.27	48.96	Peak	68.2	Pass
NVNT	ac80	5210	5350	-58.04	-58.37	-55.19	40.04	Average	54	Pass
NVNT	ac80	5210	5382.78	-46.64	-46.21	-43.41	51.82	Peak	68.2	Pass
NVNT	ac80	5210	5364.63	-57.58	-57.58	-54.57	40.66	Average	54	Pass
NVNT	ac80	5210	5460	-50.01	-49.81	-46.90	48.33	Peak	68.2	Pass
NVNT	ac80	5210	5460	-58.93	-58.93	-55.92	39.31	Average	54	Pass
NVNT	ac80	5210	4500	-51.47	-48.61	-46.80	48.43	Peak	68.2	Pass
NVNT	ac80	5210	4500	-59.92	-59.85	-56.87	38.35	Average	54	Pass
NVNT	ac80	5210	5145.43	-41.81	-42.31	-39.04	56.19	Peak	68.2	Pass
NVNT	ac80	5210	5148.59	-51.49	-51.67	-48.57	46.66	Average	54	Pass
NVNT	ac80	5210	5150	-44.2	-43.68	-40.92	54.31	Peak	68.2	Pass
NVNT	ac80	5210	5150	-51.7	-51.33	-48.50	46.73	Average	54	Pass

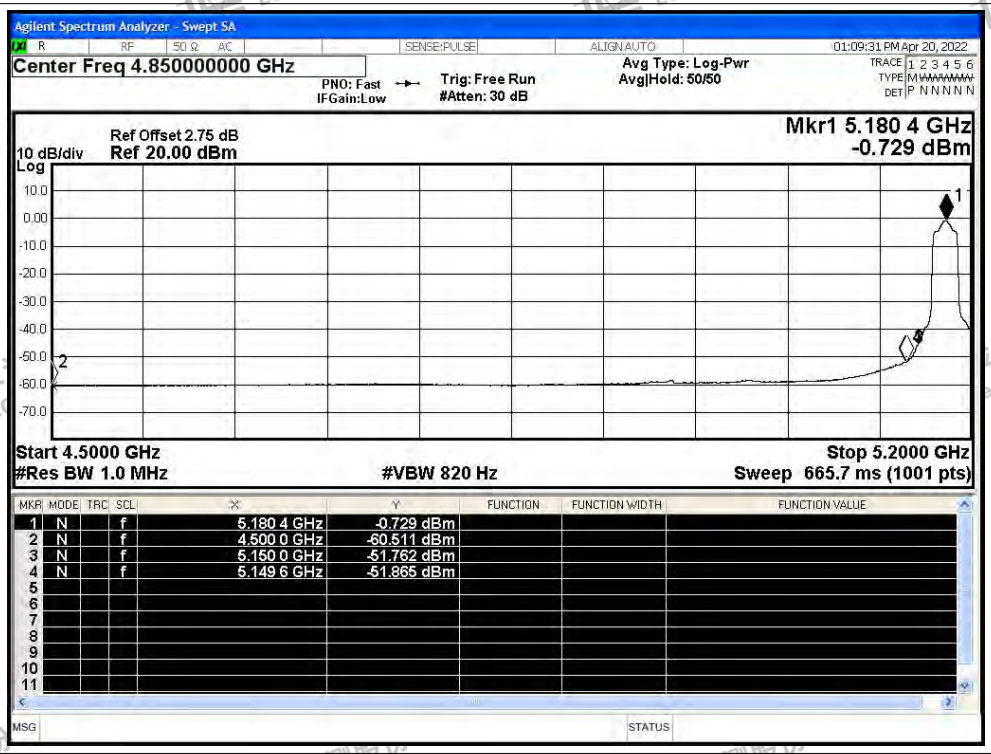
Note: The Antenna Gain is compensated in the graph

Test Graphs

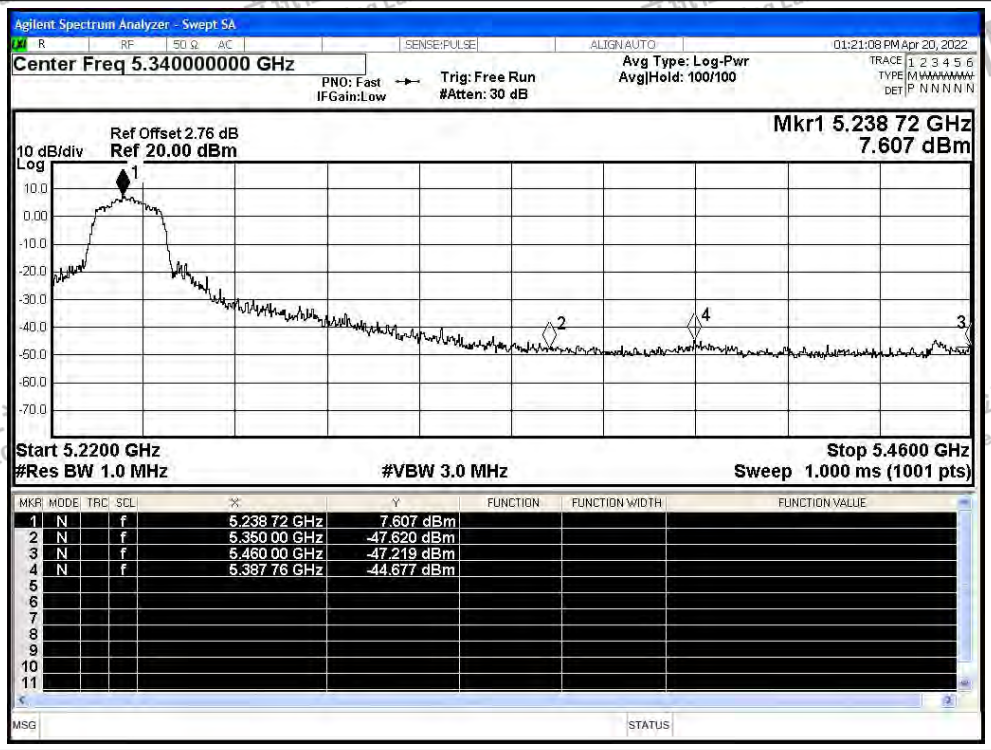
Restrict Band NVNT a 5180MHz Ant0 Peak



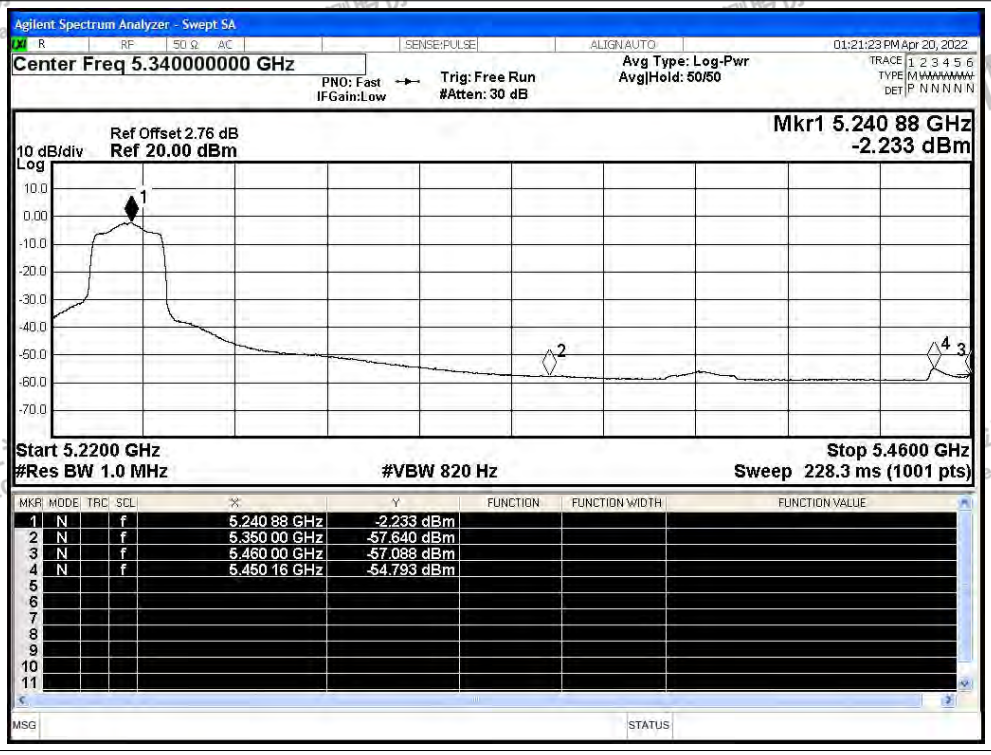
Restrict Band NVNT a 5180MHz Ant0 Average



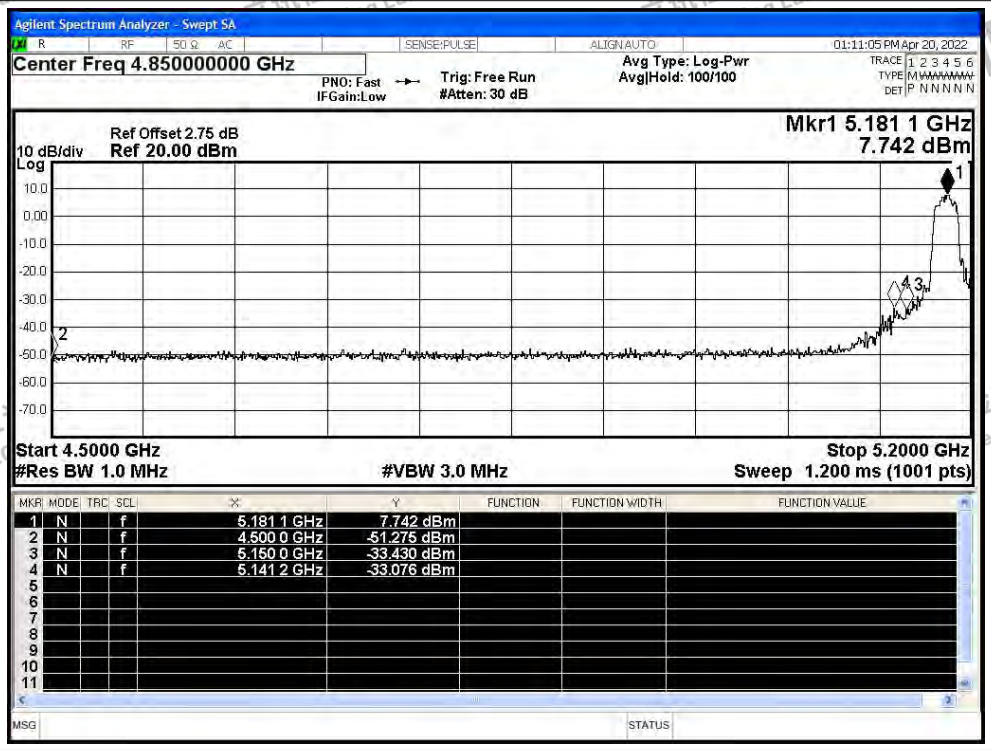
Restrict Band NVNT a 5240MHz Ant0 Peak



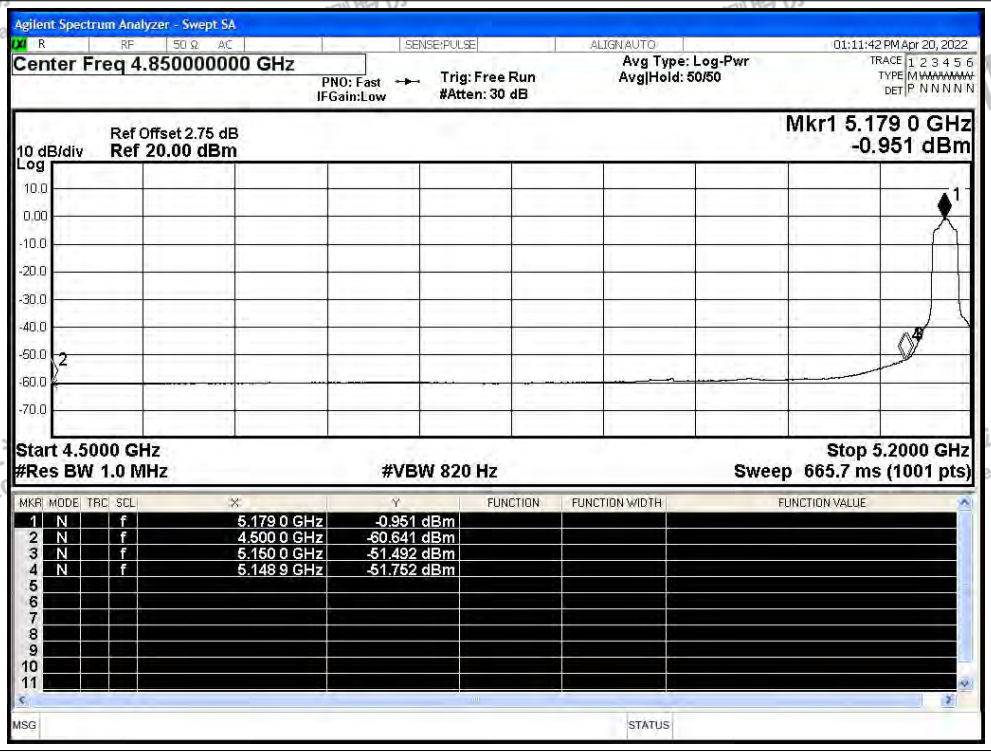
Restrict Band NVNT a 5240MHz Ant0 Average



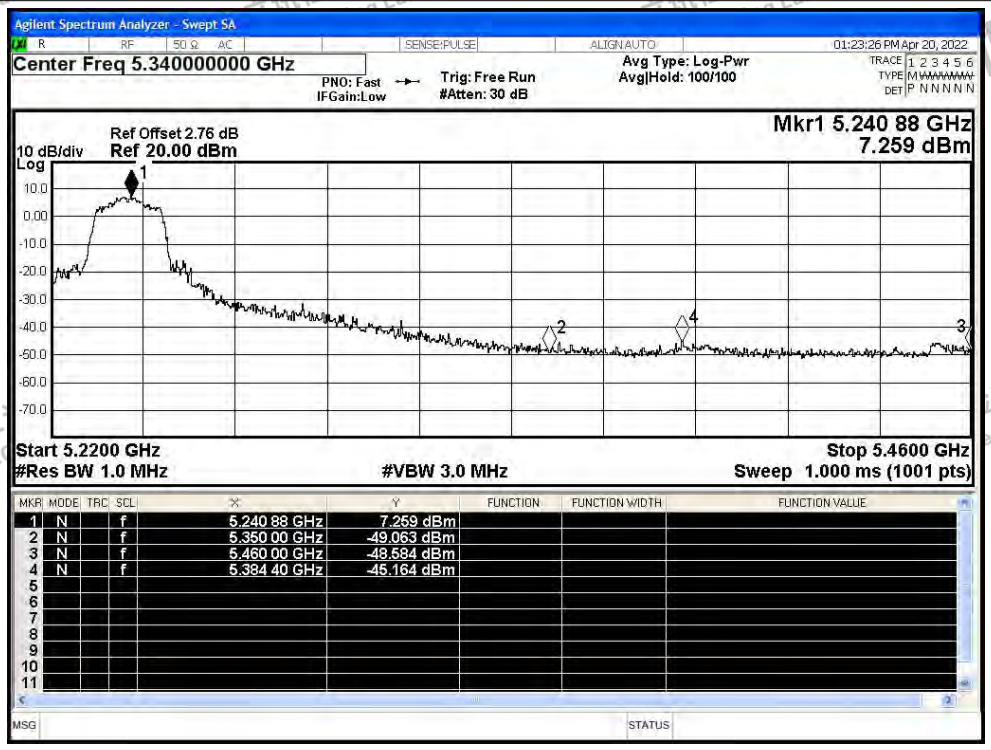
Restrict Band NVNT n20 5180MHz Ant0 Peak



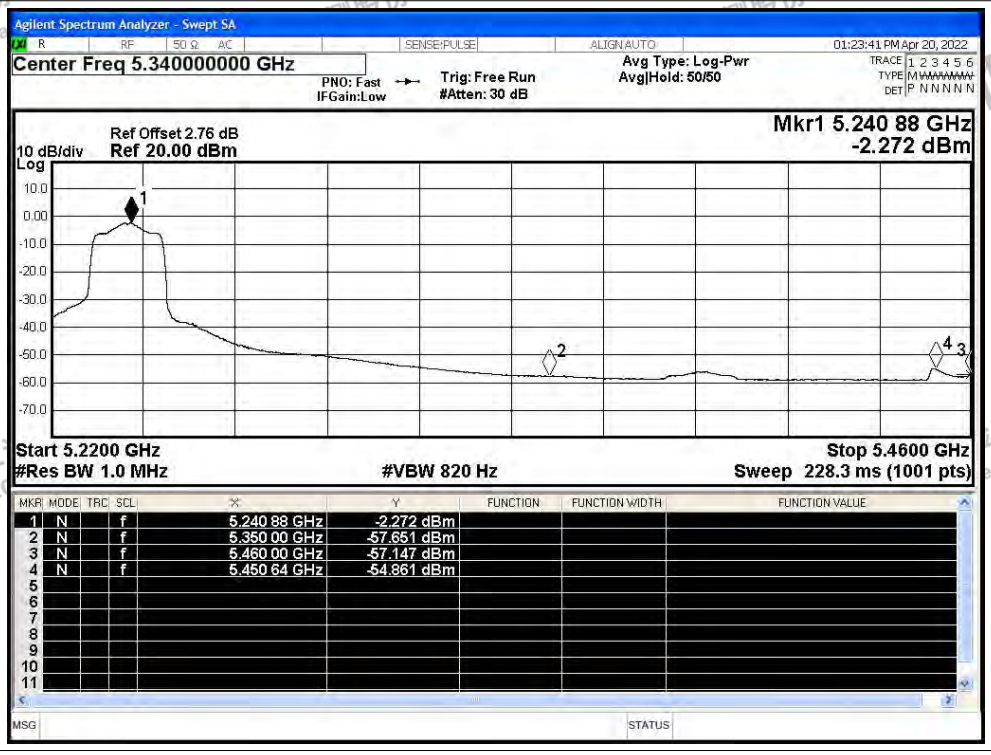
Restrict Band NVNT n20 5180MHz Ant0 Average



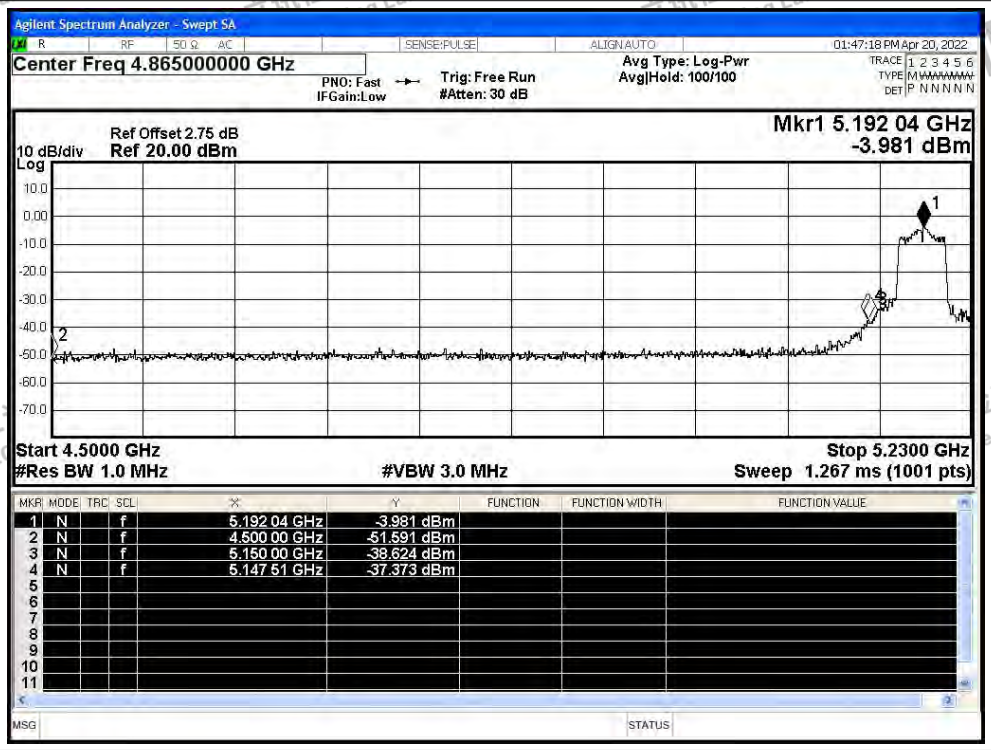
Restrict Band NVNT n20 5240MHz Ant0 Peak



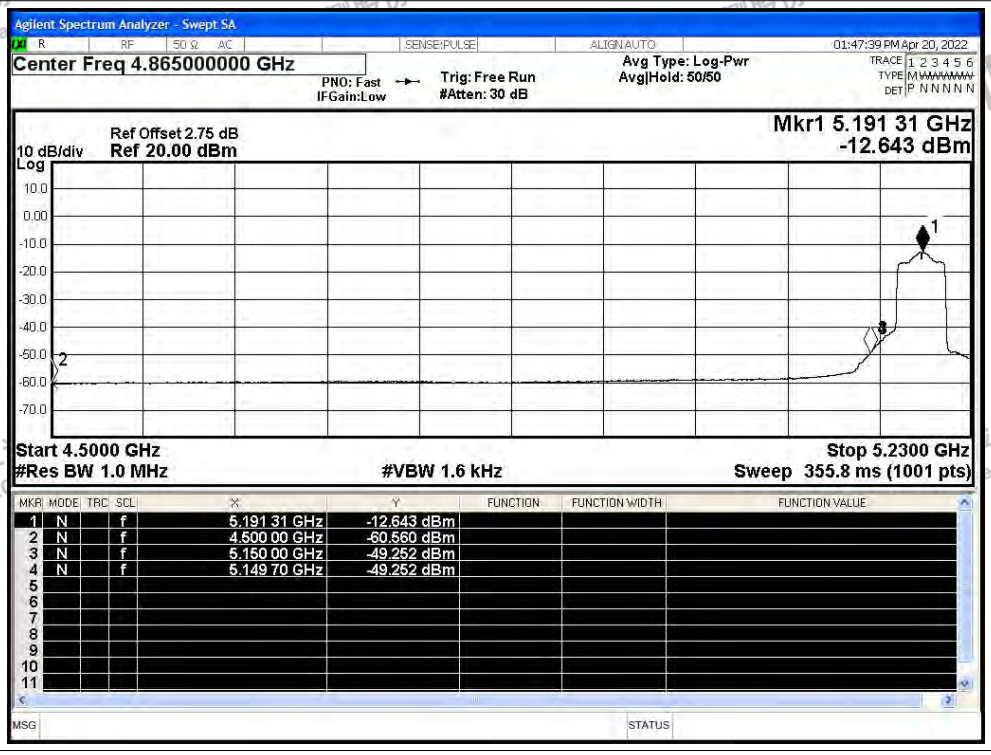
Restrict Band NVNT n20 5240MHz Ant0 Average



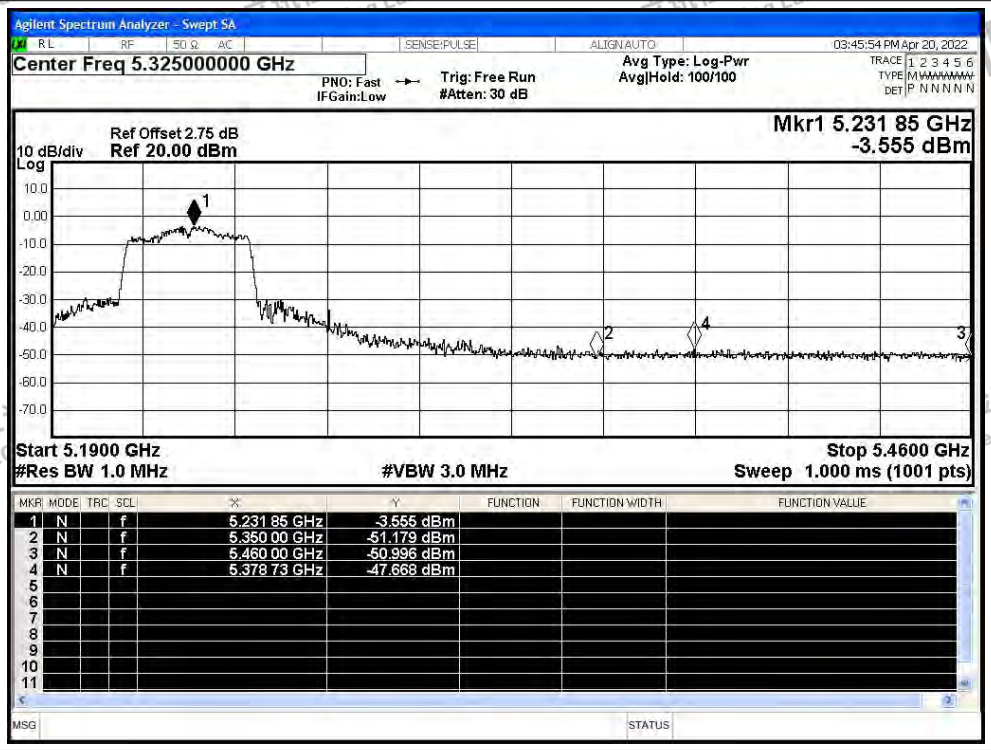
Restrict Band NVNT n40 5190MHz Ant0 Peak



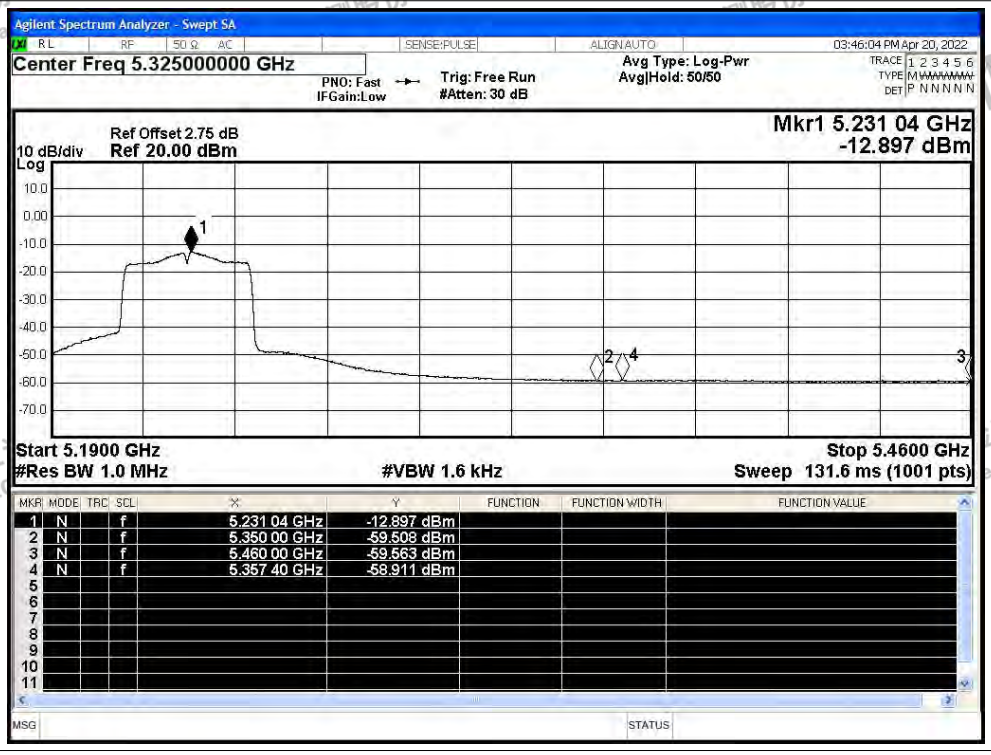
Restrict Band NVNT n40 5190MHz Ant0 Average



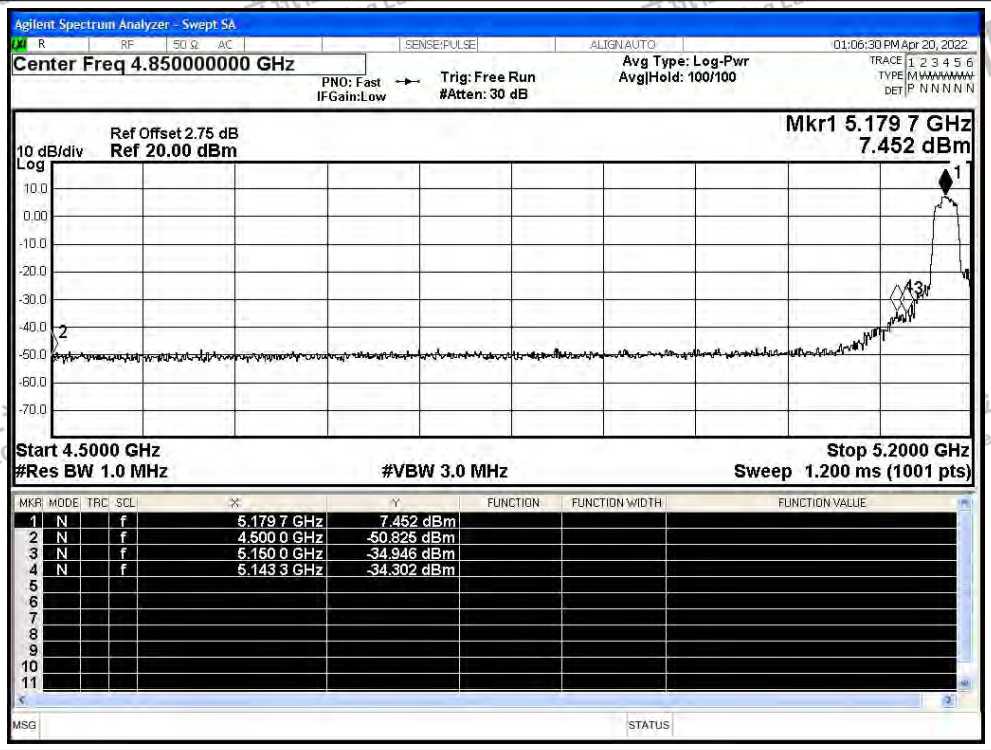
Restrict Band NVNT n40 5230MHz Ant0 Peak



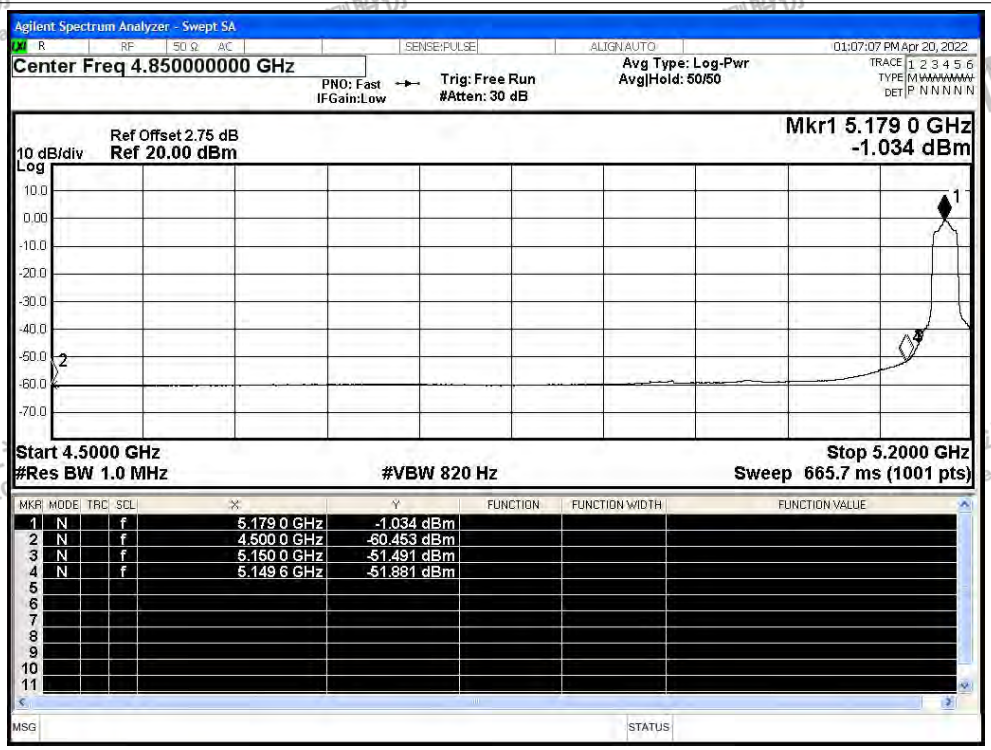
Restrict Band NVNT n40 5230MHz Ant0 Average



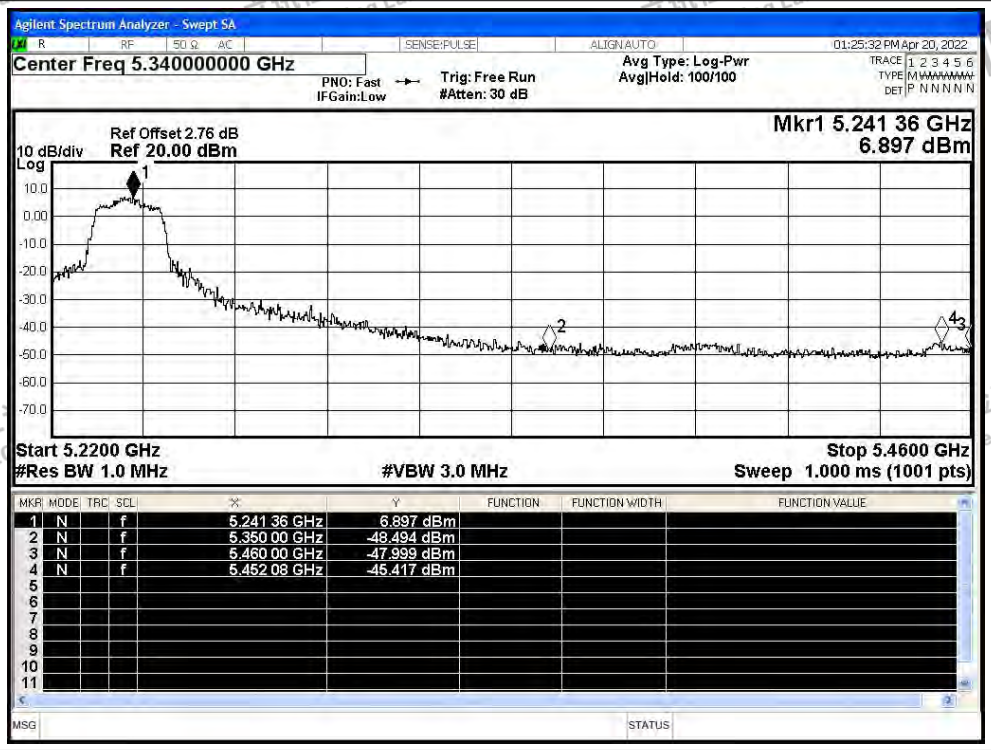
Restrict Band NVNT ac20 5180MHz Ant0 Peak



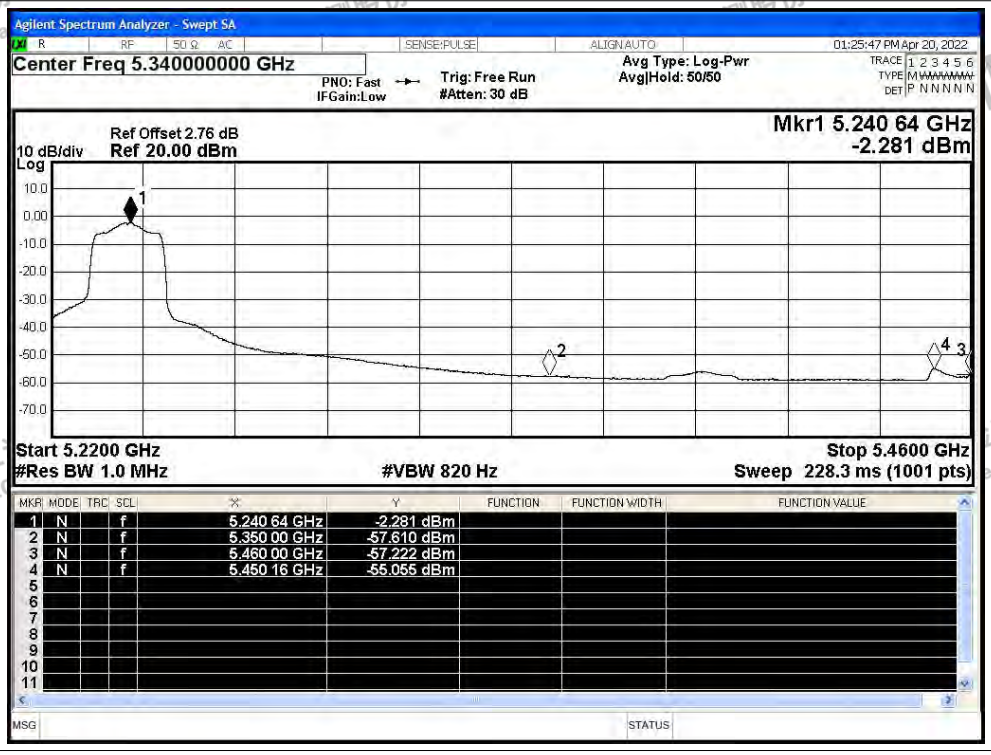
Restrict Band NVNT ac20 5180MHz Ant0 Average



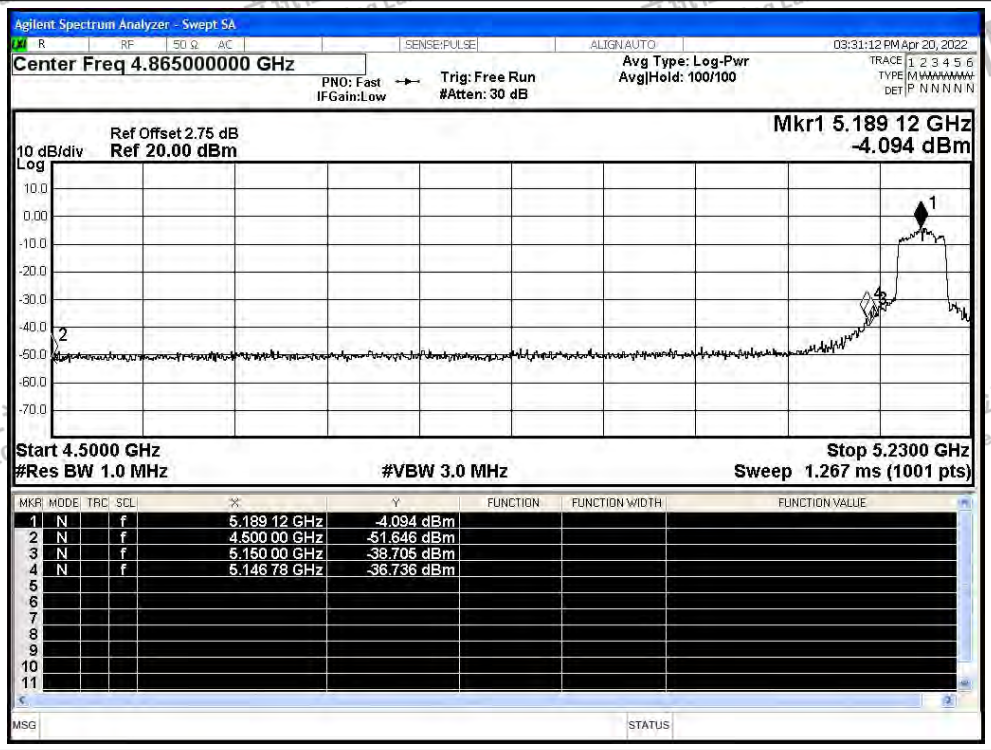
Restrict Band NVNT ac20 5240MHz Ant0 Peak



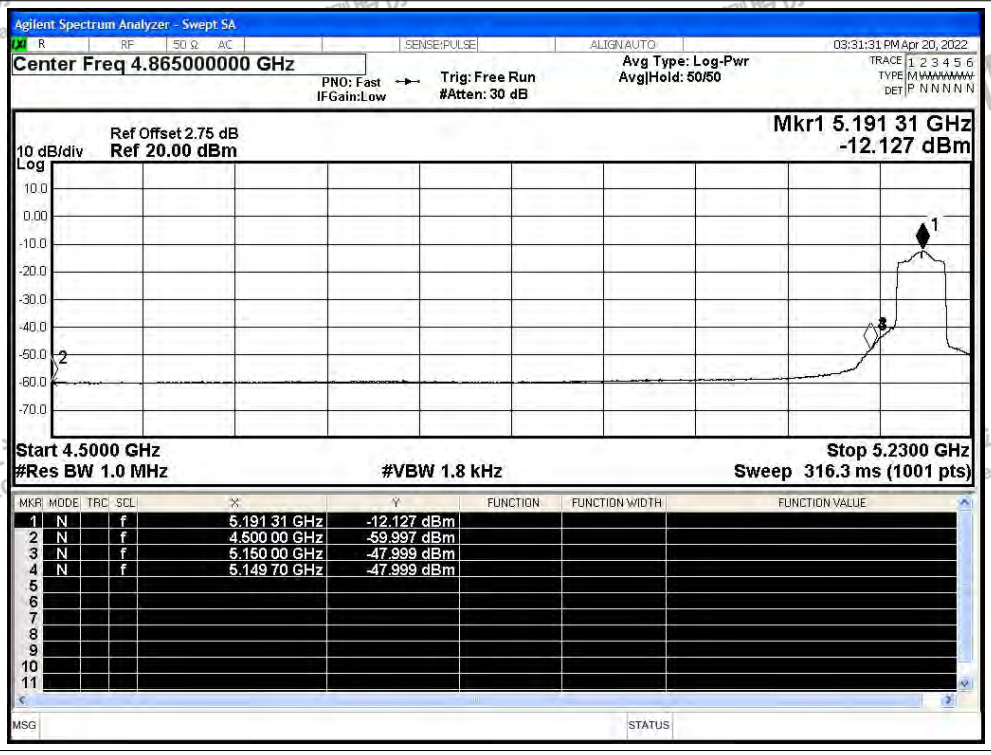
Restrict Band NVNT ac20 5240MHz Ant0 Average



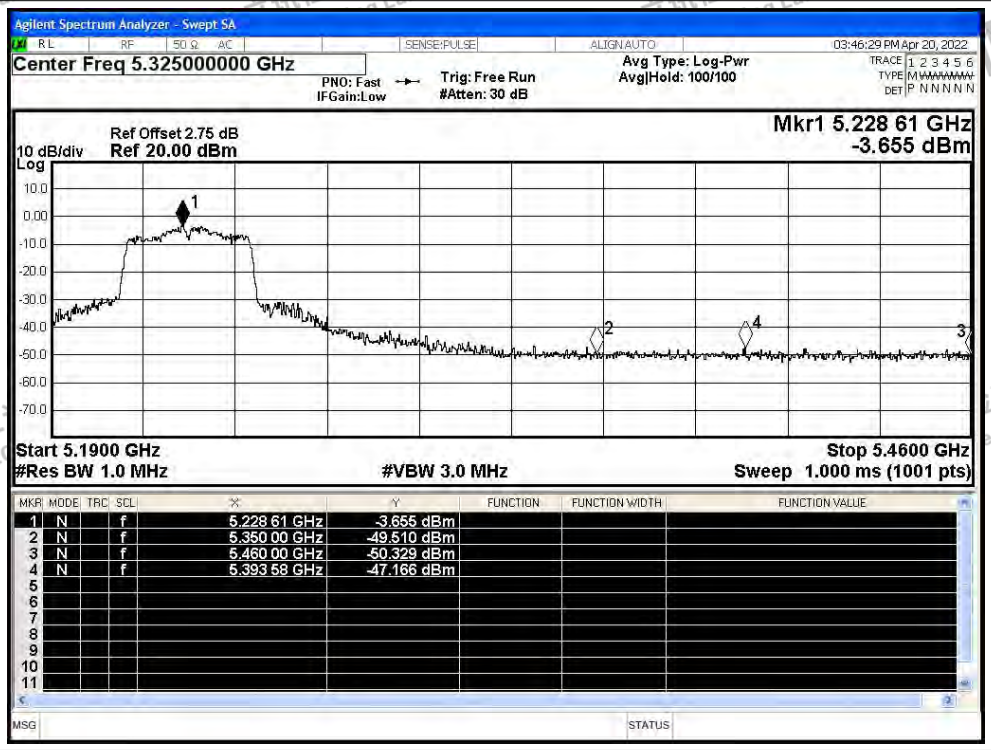
Restrict Band NVNT ac40 5190MHz Ant0 Peak



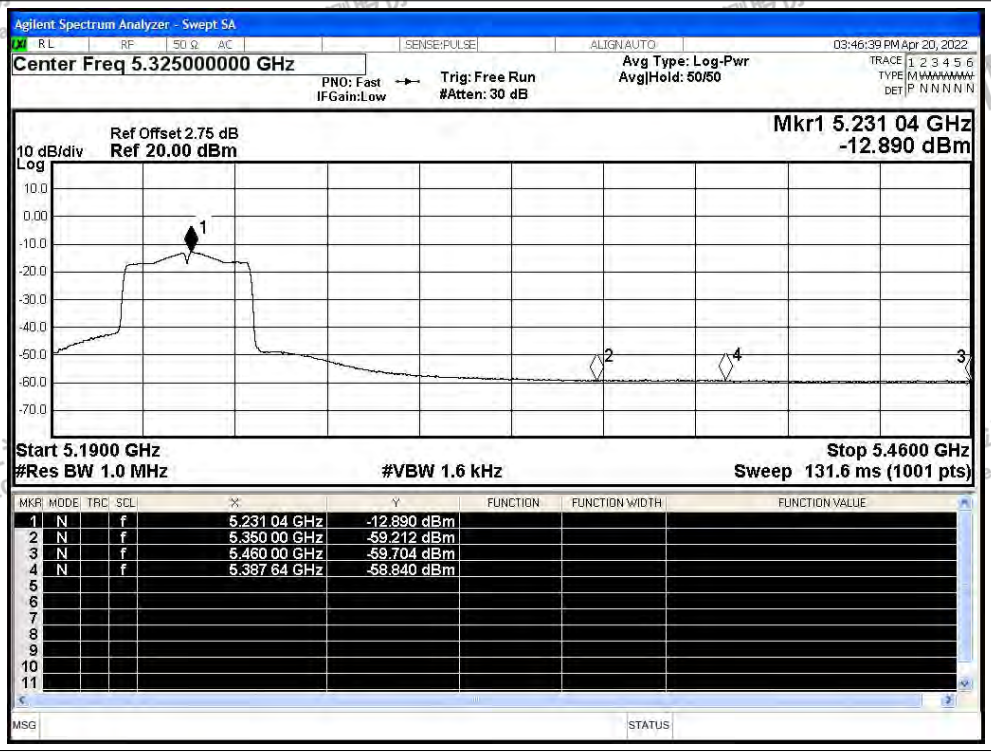
Restrict Band NVNT ac40 5190MHz Ant0 Average



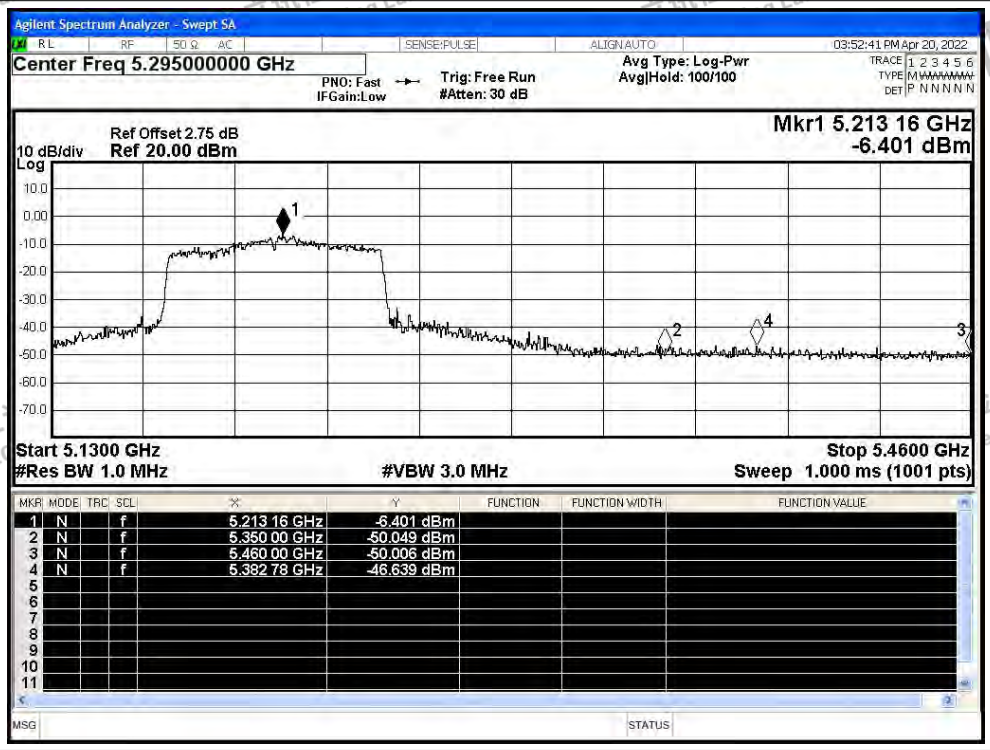
Restrict Band NVNT ac40 5230MHz Ant0 Peak



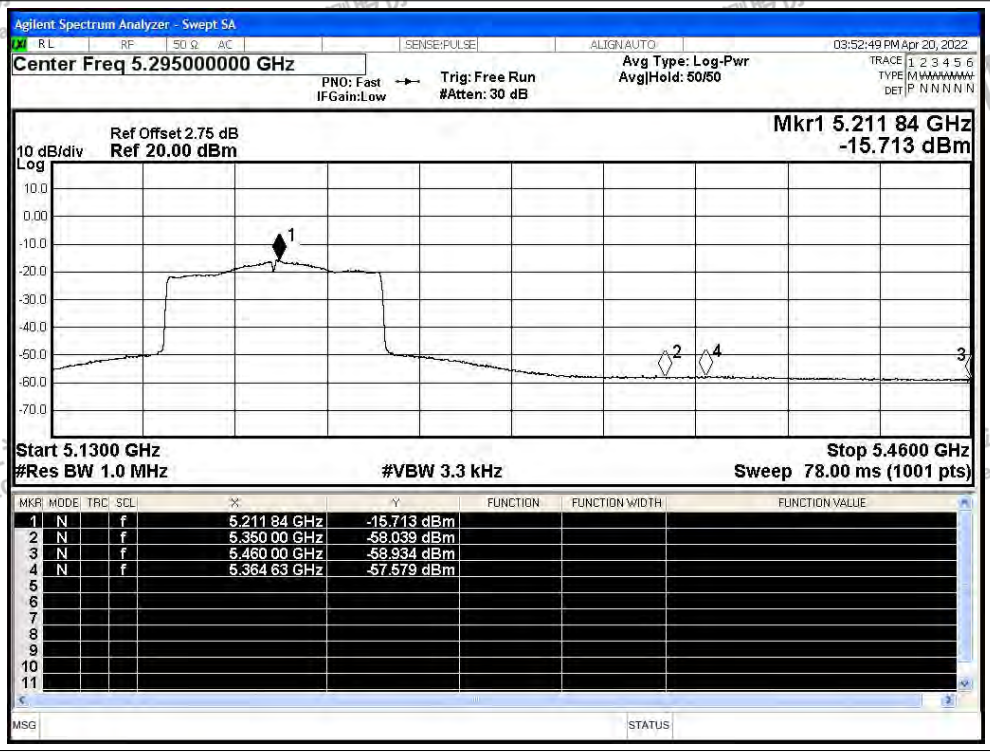
Restrict Band NVNT ac40 5230MHz Ant0 Average



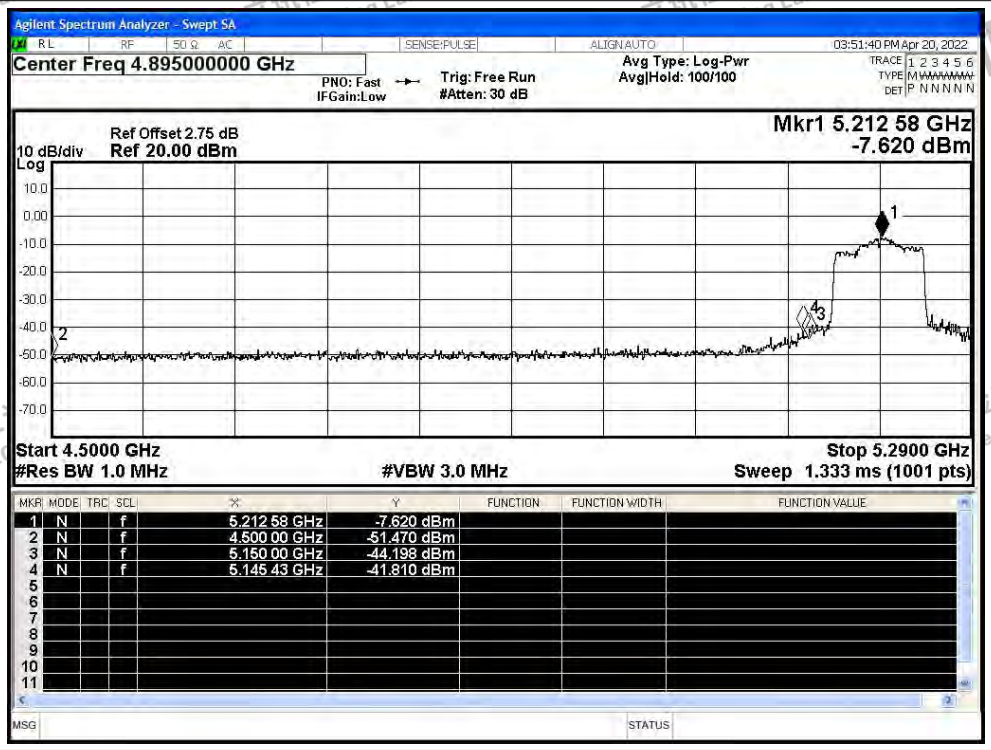
Restrict Band NVNT ac80 5210MHz Ant0 Peak



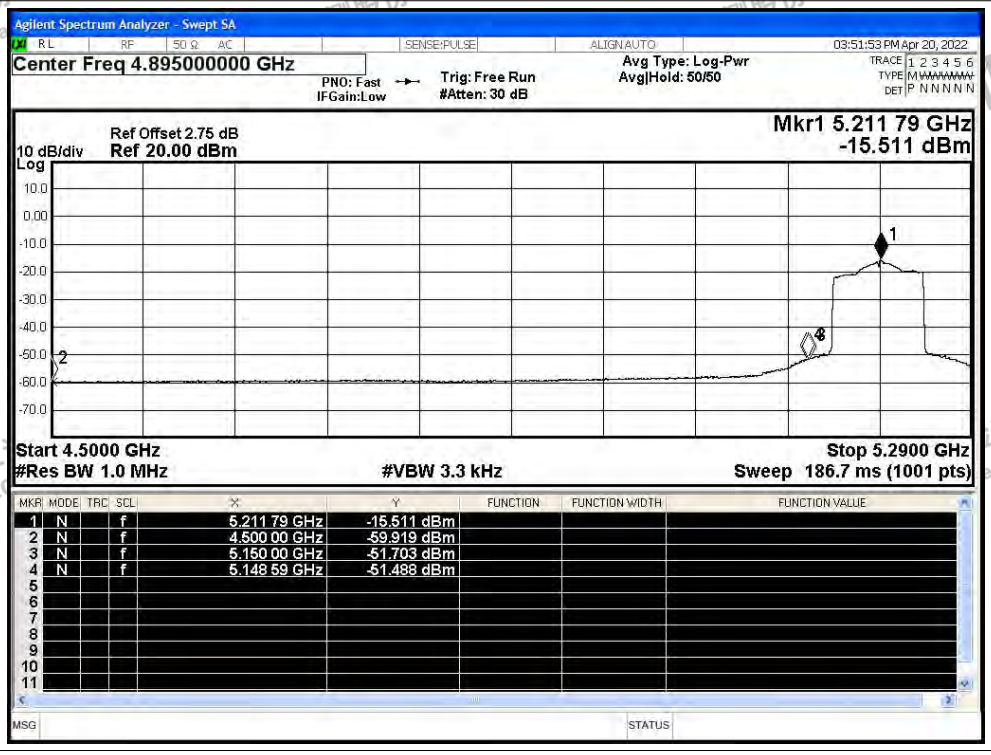
Restrict Band NVNT ac80 5210MHz Ant0 Average



Restrict Band NVNT ac80 5210MHz Ant0 Peak

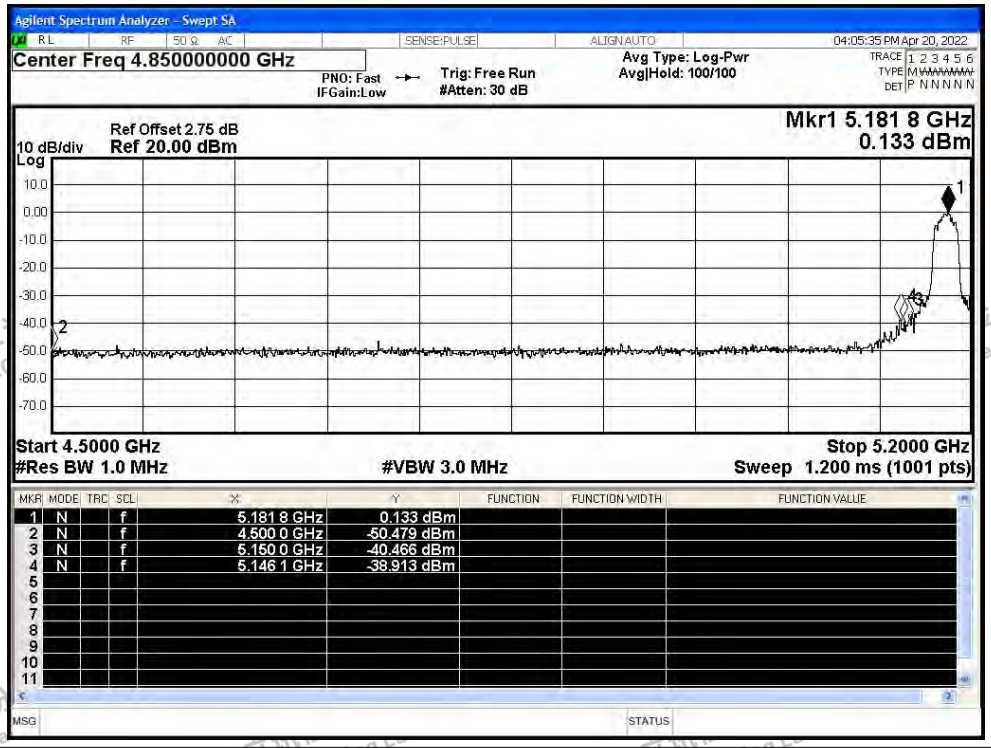


Restrict Band NVNT ac80 5210MHz Ant0 Average

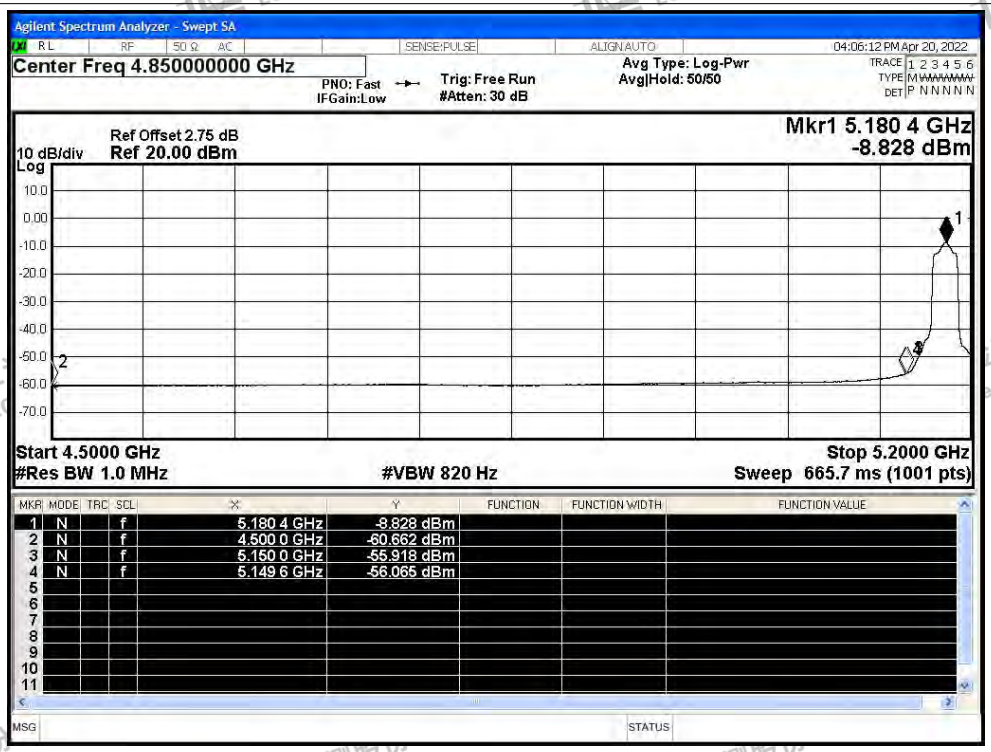


Test Graphs

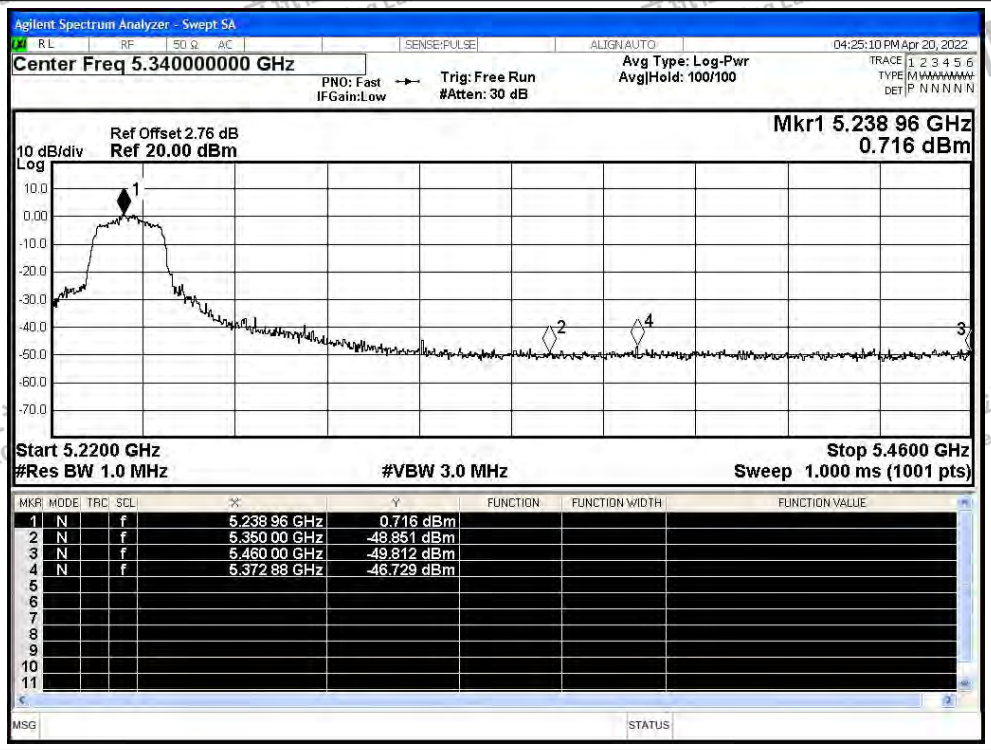
Restrict Band NVNT a 5180MHz Ant1 Peak



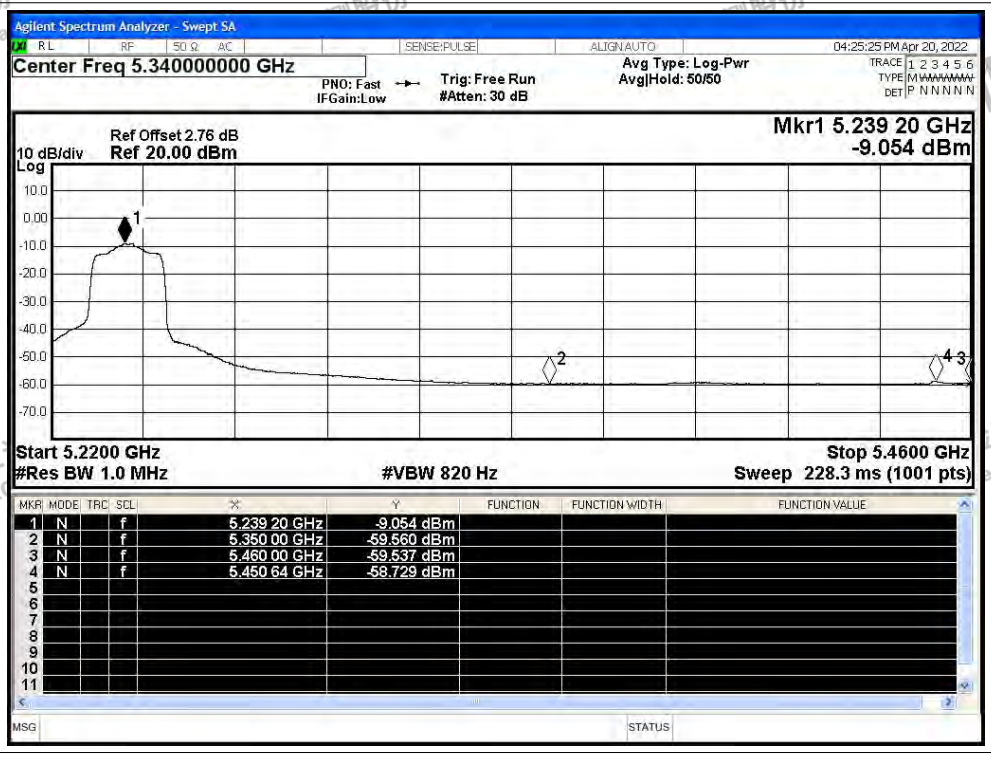
Restrict Band NVNT a 5180MHz Ant1 Average



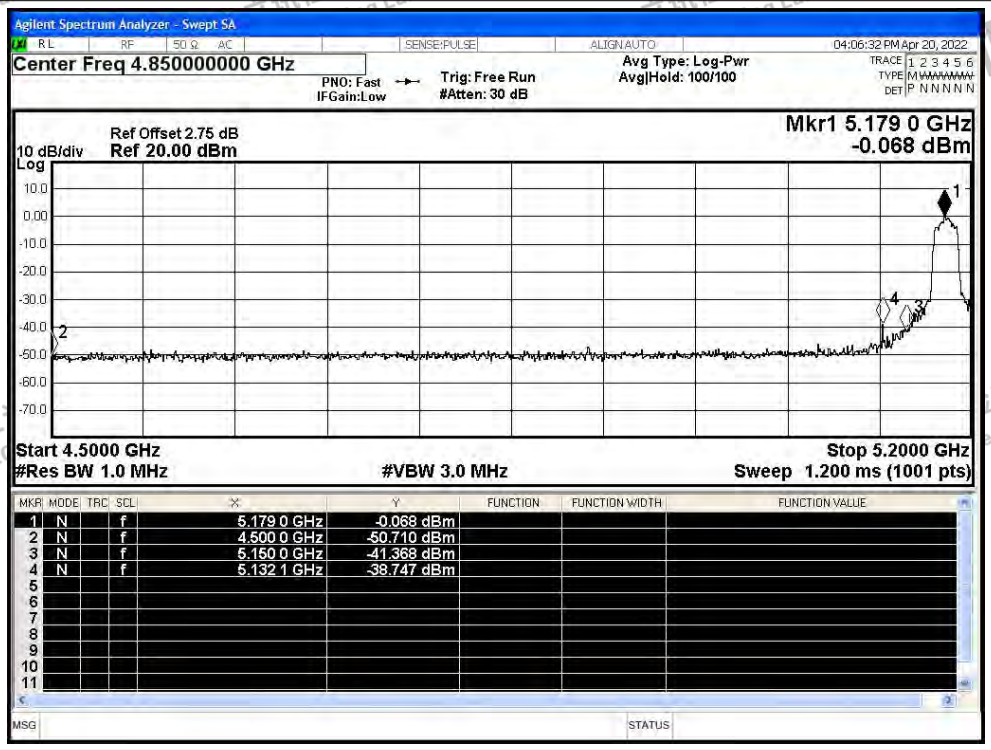
Restrict Band NVNT a 5240MHz Ant1 Peak



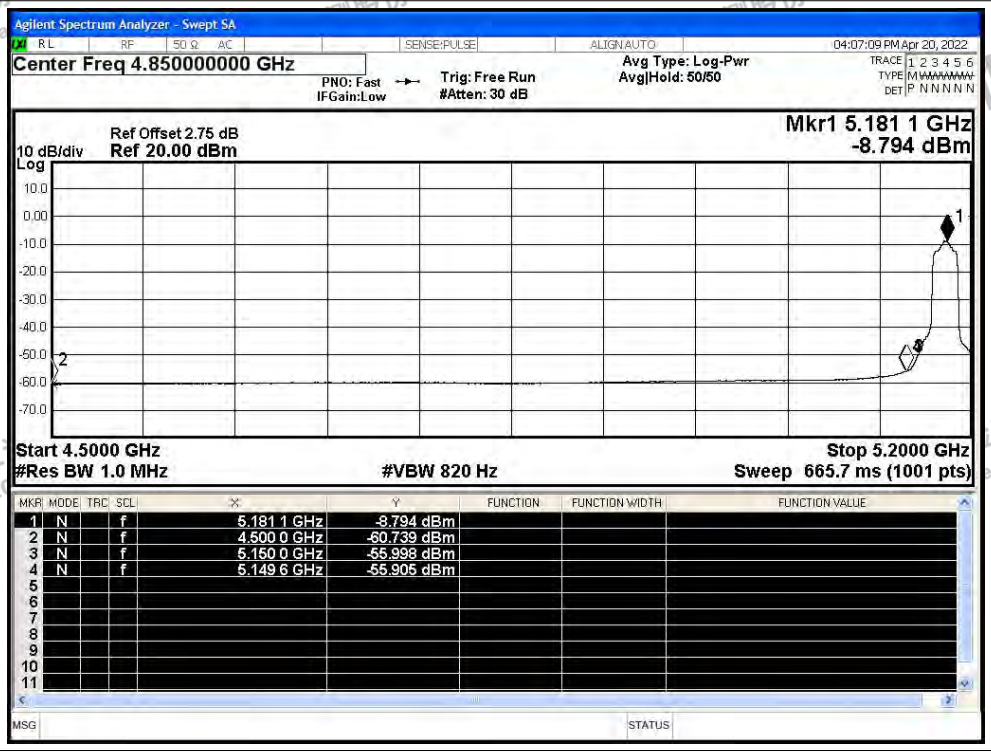
Restrict Band NVNT a 5240MHz Ant1 Average



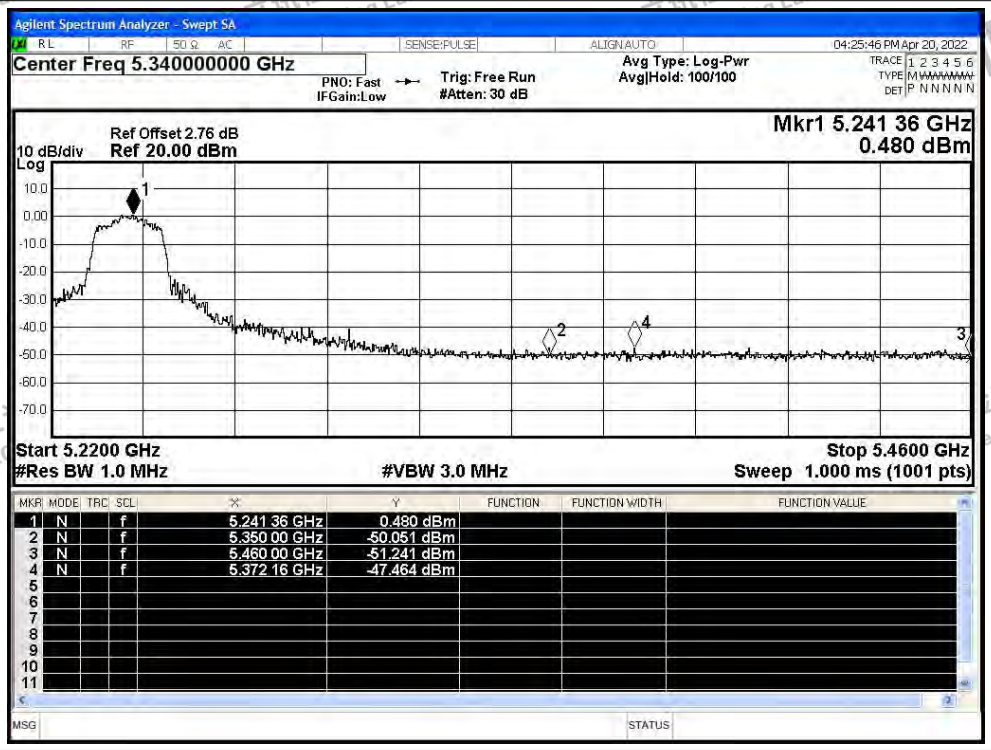
Restrict Band NVNT n20 5180MHz Ant1 Peak



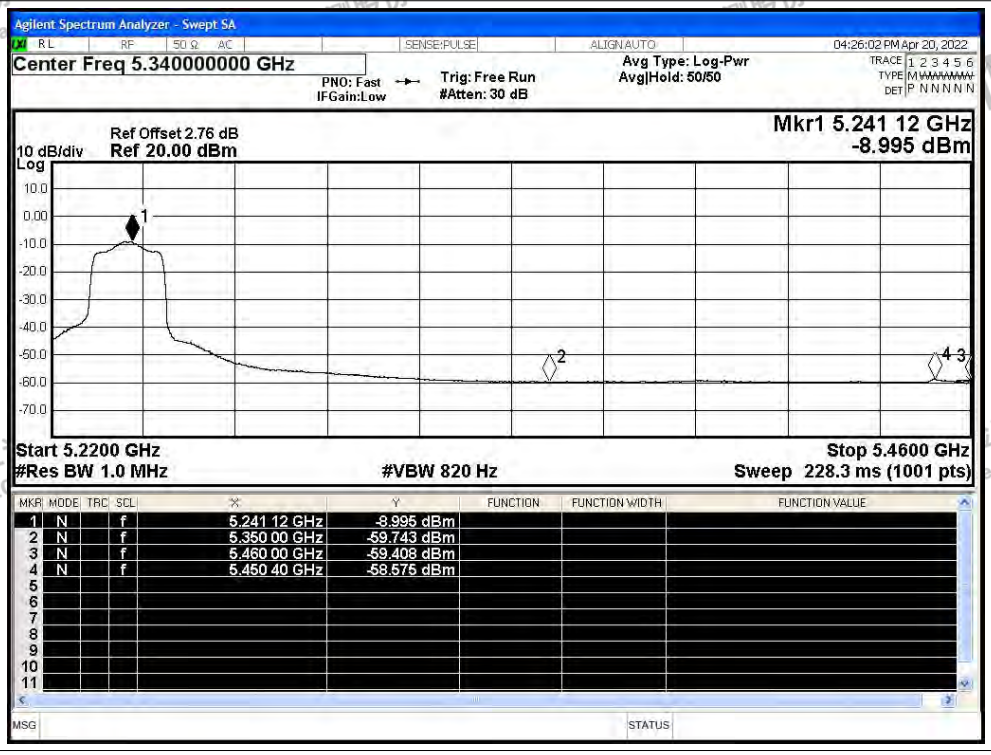
Restrict Band NVNT n20 5180MHz Ant1 Average



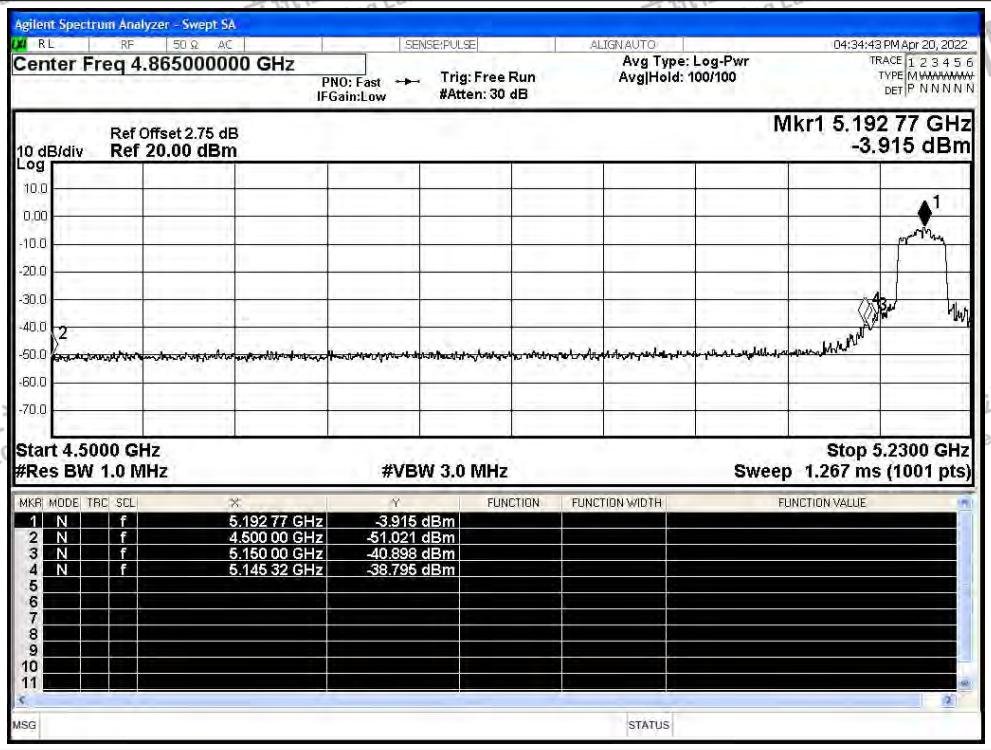
Restrict Band NVNT n20 5240MHz Ant1 Peak



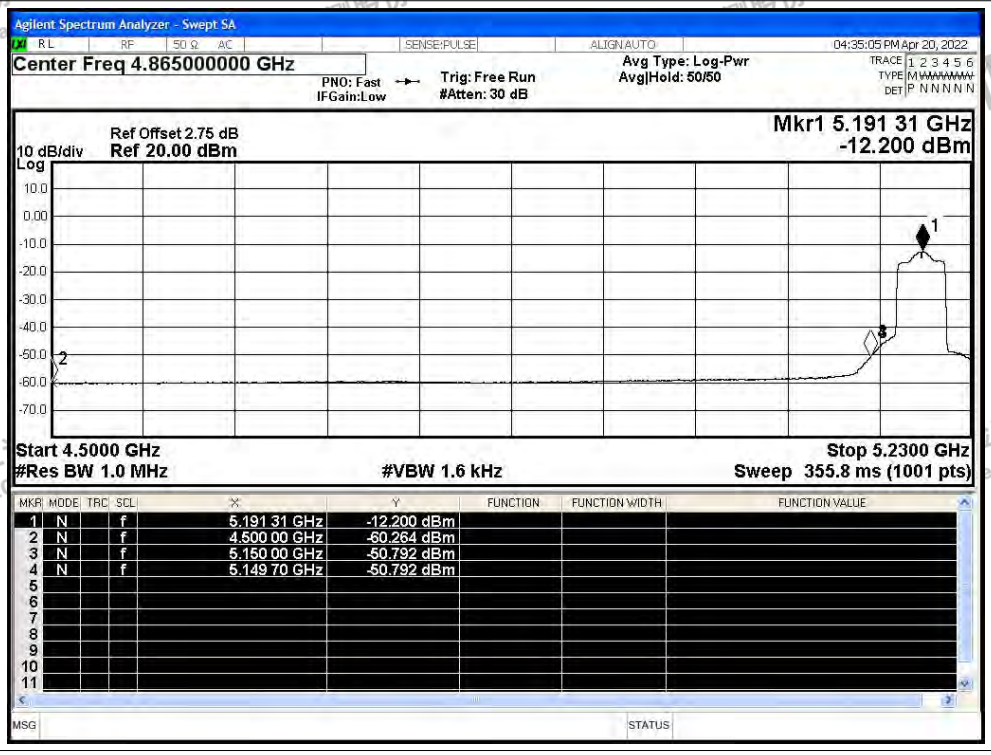
Restrict Band NVNT n20 5240MHz Ant1 Average



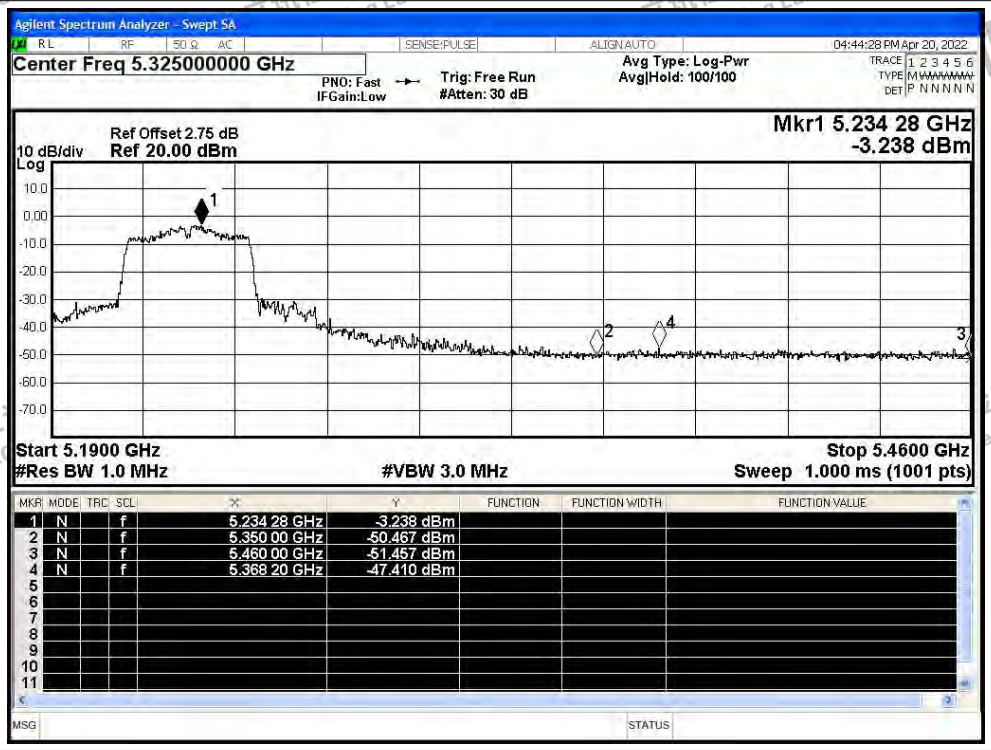
Restrict Band NVNT n40 5190MHz Ant1 Peak



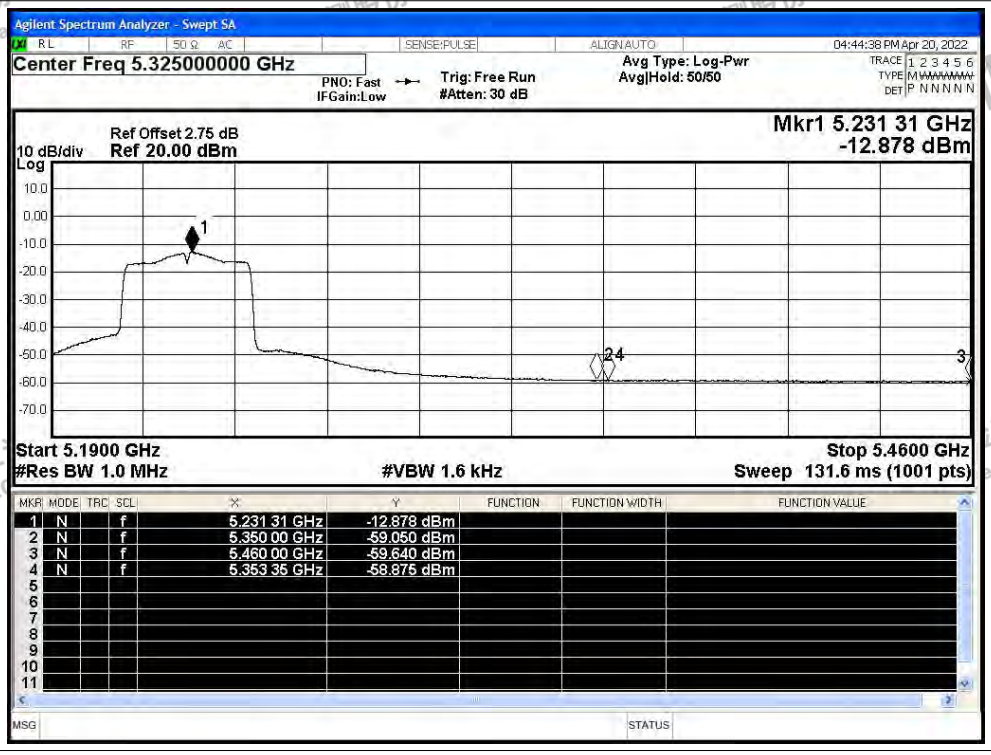
Restrict Band NVNT n40 5190MHz Ant1 Average



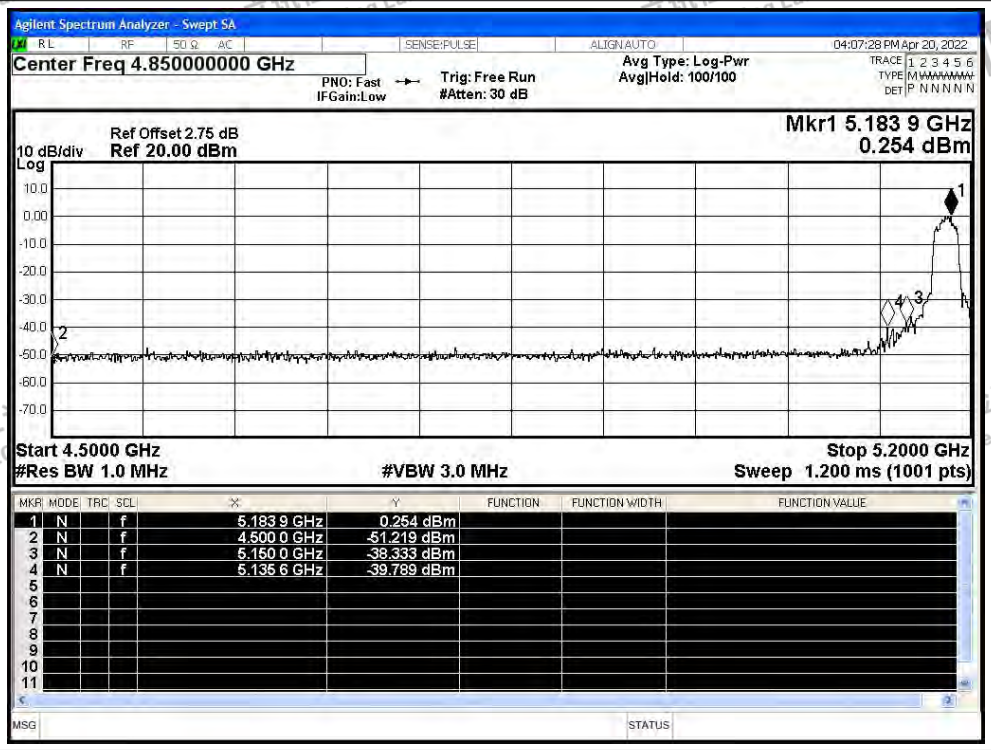
Restrict Band NVNT n40 5230MHz Ant1 Peak



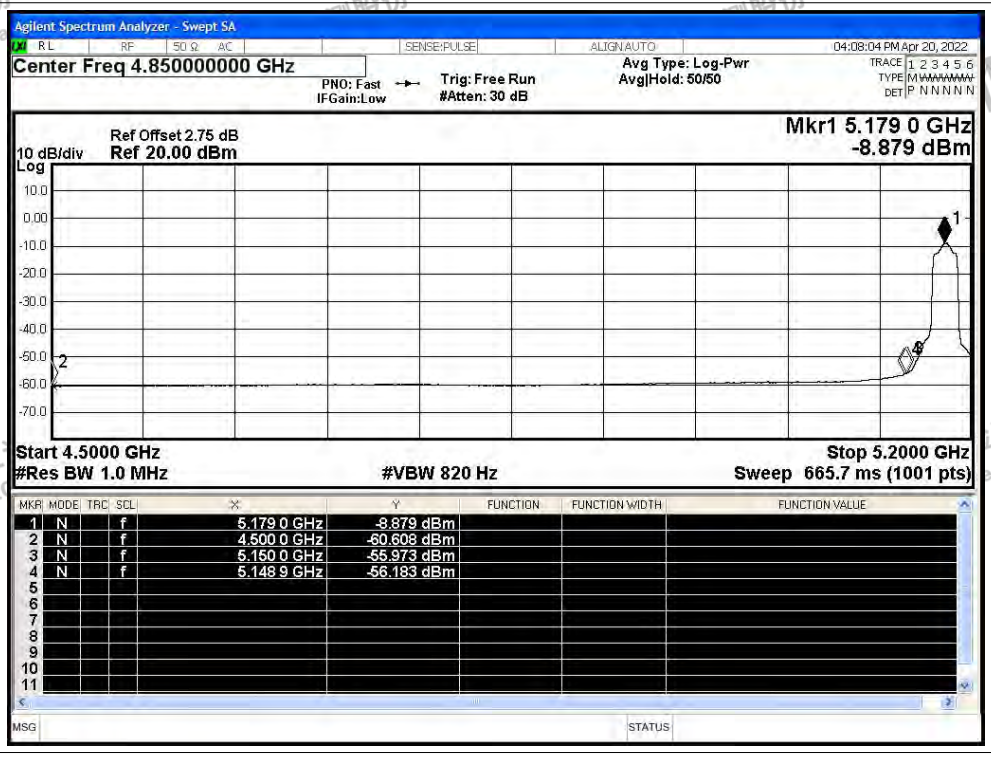
Restrict Band NVNT n40 5230MHz Ant1 Average



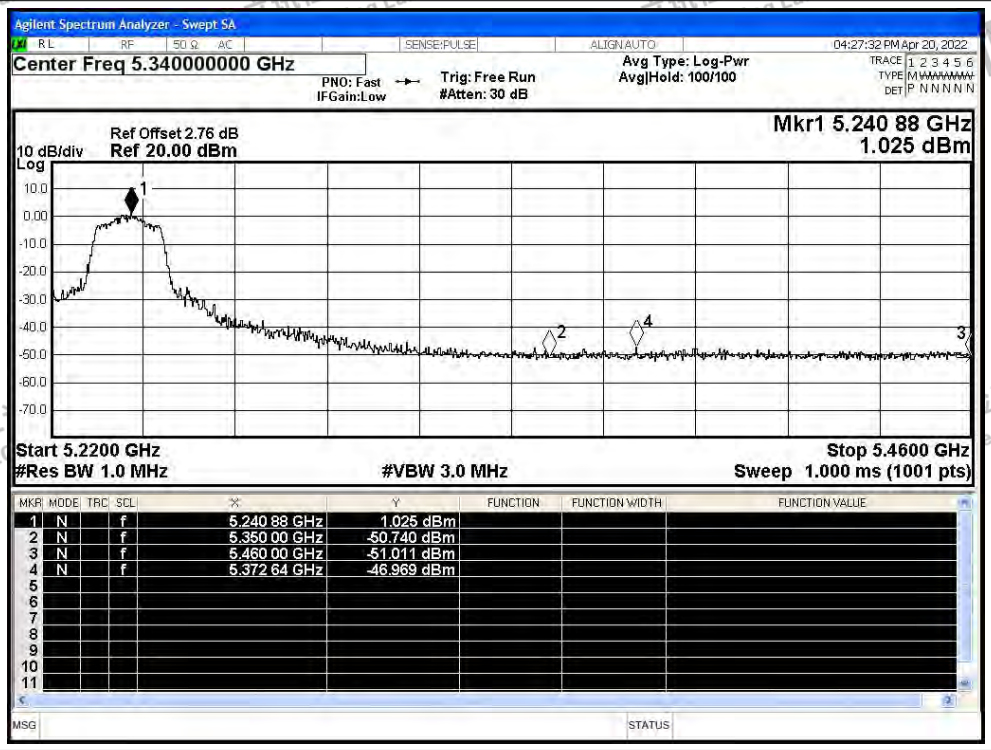
Restrict Band NVNT ac20 5180MHz Ant1 Peak



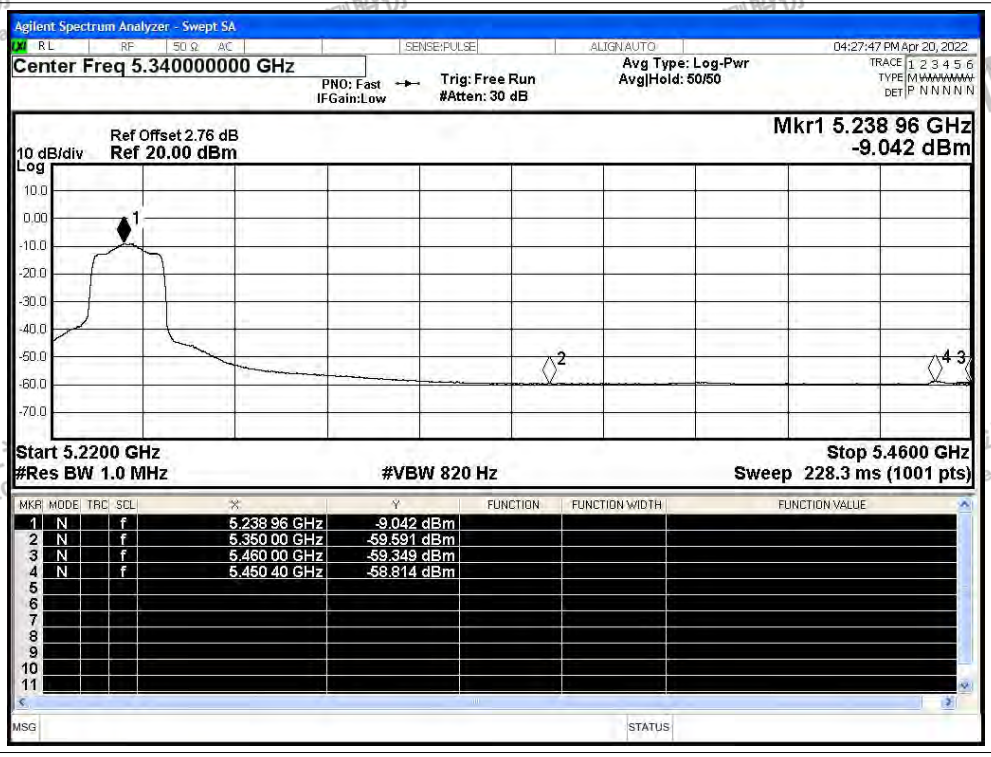
Restrict Band NVNT ac20 5180MHz Ant1 Average



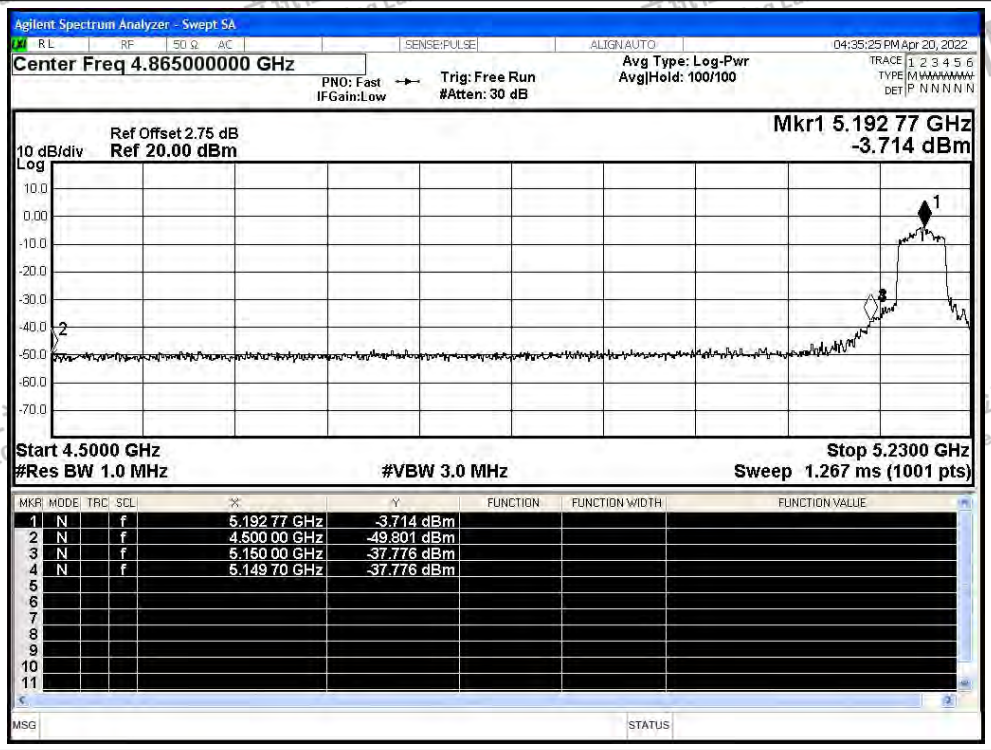
Restrict Band NVNT ac20 5240MHz Ant1 Peak



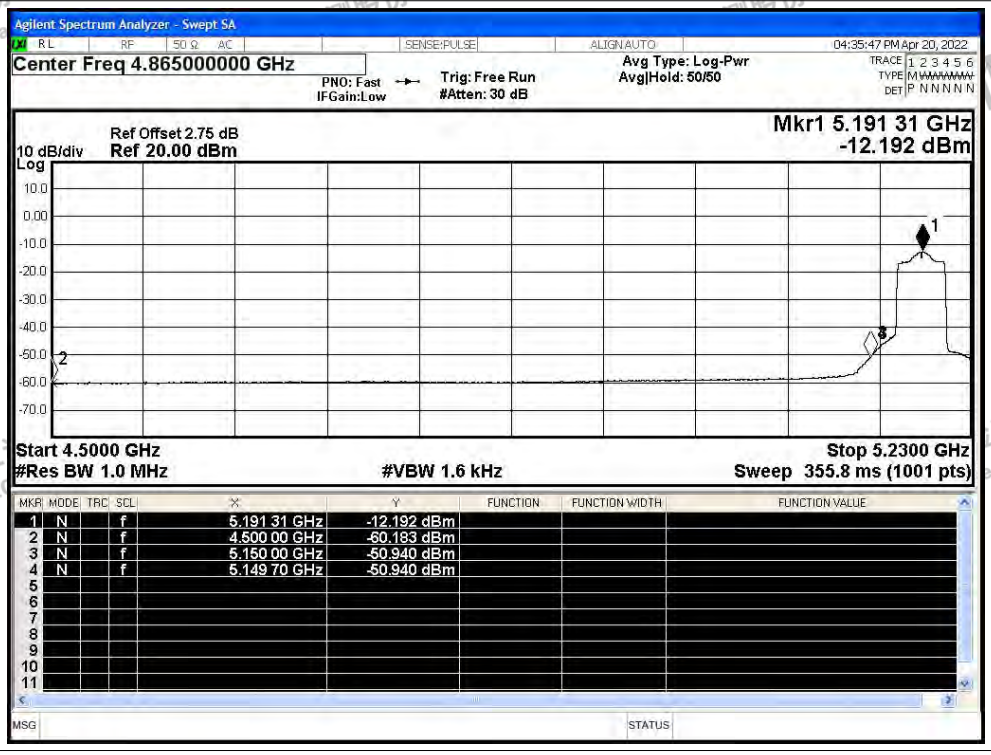
Restrict Band NVNT ac20 5240MHz Ant1 Average



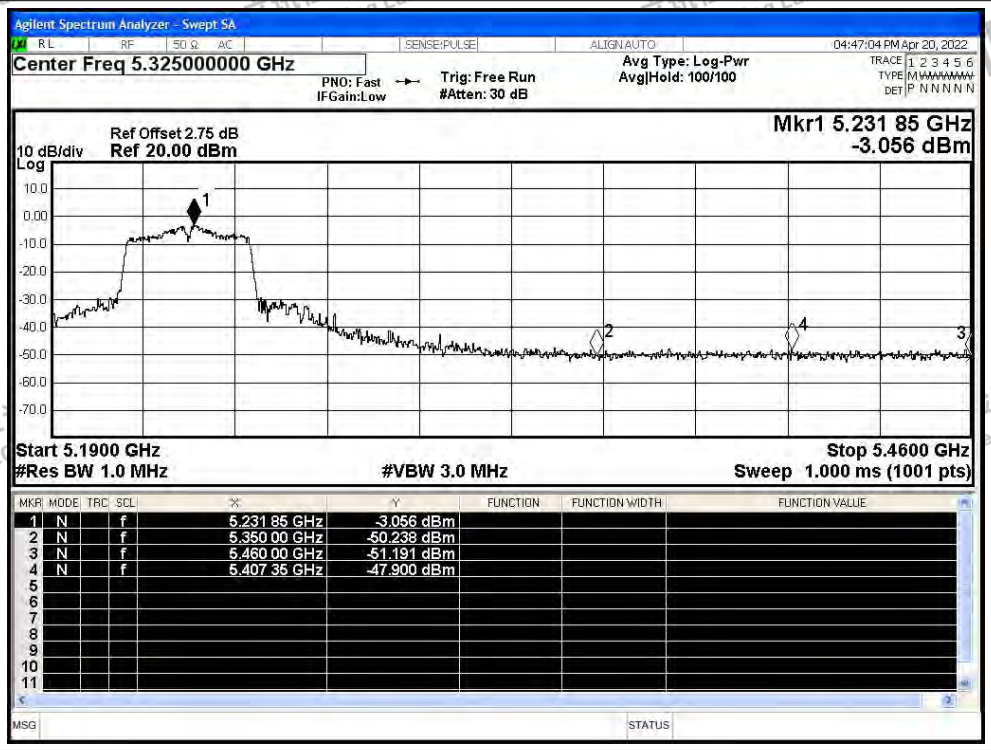
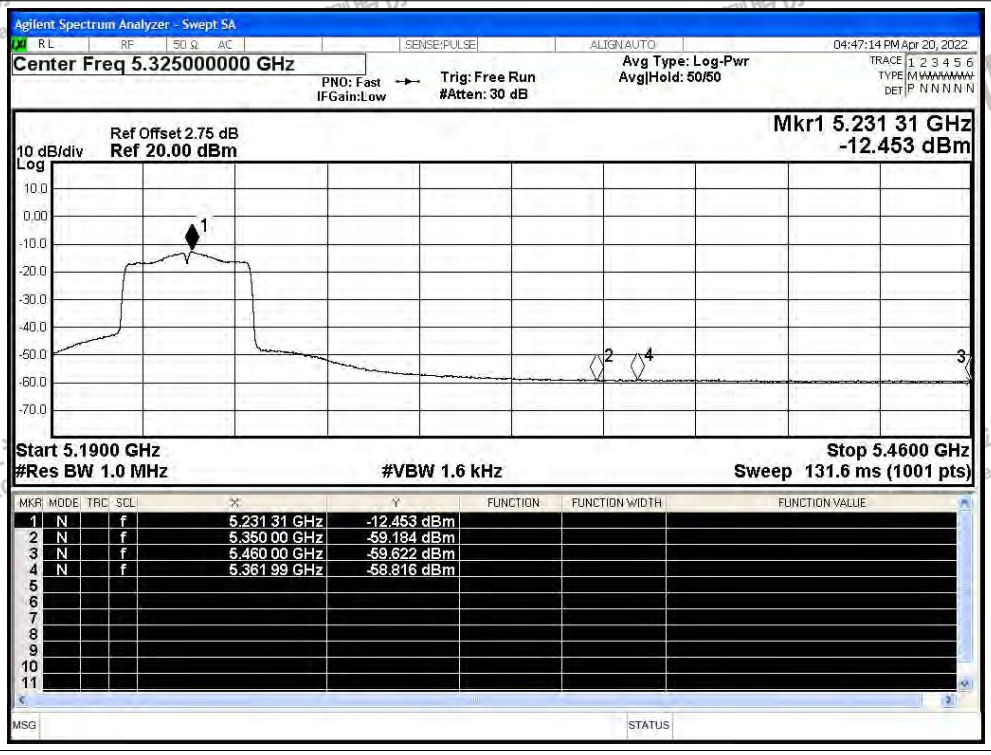
Restrict Band NVNT ac40 5190MHz Ant1 Peak



Restrict Band NVNT ac40 5190MHz Ant1 Average



Restrict Band NVNT ac40 5230MHz Ant1 Peak



Restrict Band NVNT ac40 5230MHz Ant1 Average