



Appendix D

RF Test Data for 5.2GWIFI (Conducted Measurement)

Product Name: MINI PC

Test Model: B00JP1

Environmental Conditions

Temperature:	24.1℃
Relative Humidity:	52.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Bill Zhu
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	19.717	0.5	Pass
NVNT	a	5200	Ant0	20.178	0.5	Pass
NVNT	a	5240	Ant0	19.566	0.5	Pass
NVNT	n20	5180	Ant0	19.833	0.5	Pass
NVNT	n20	5200	Ant0	20.015	0.5	Pass
NVNT	n20	5240	Ant0	19.643	0.5	Pass
NVNT	n40	5190	Ant0	40.859	0.5	Pass
NVNT	n40	5230	Ant0	40.17	0.5	Pass
NVNT	ac20	5180	Ant0	19.701	0.5	Pass
NVNT	ac20	5200	Ant0	19.939	0.5	Pass
NVNT	ac20	5240	Ant0	19.798	0.5	Pass
NVNT	ac40	5190	Ant0	40.313	0.5	Pass
NVNT	ac40	5230	Ant0	40.068	0.5	Pass
NVNT	ac80	5210	Ant0	81.634	0.5	Pass



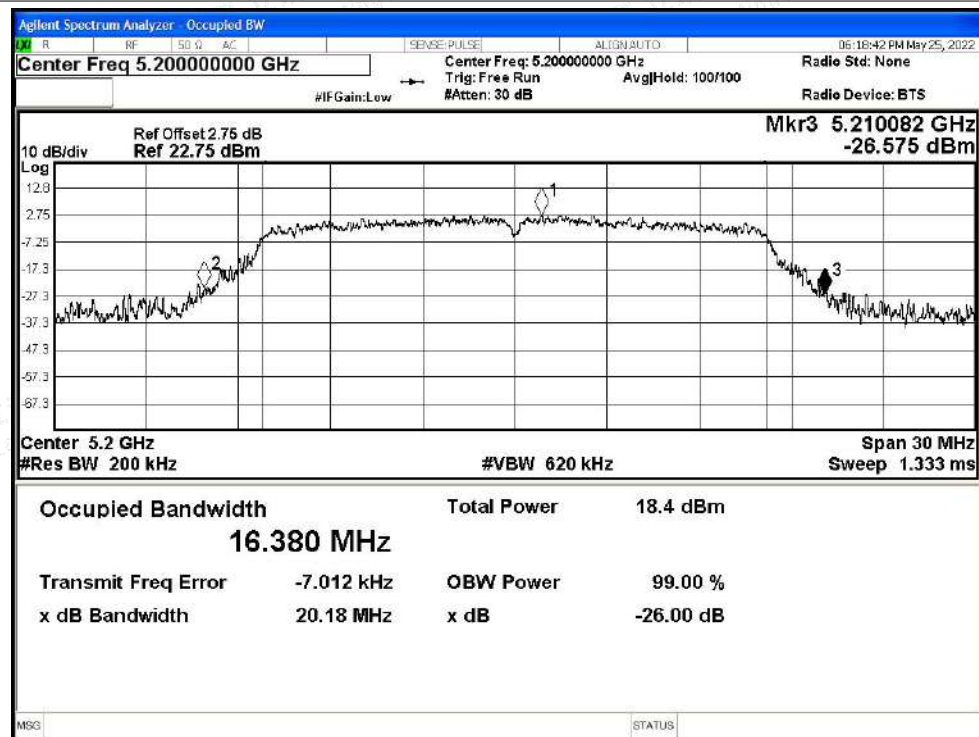


Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant0



-26dB Bandwidth NVNT a 5200MHz Ant0

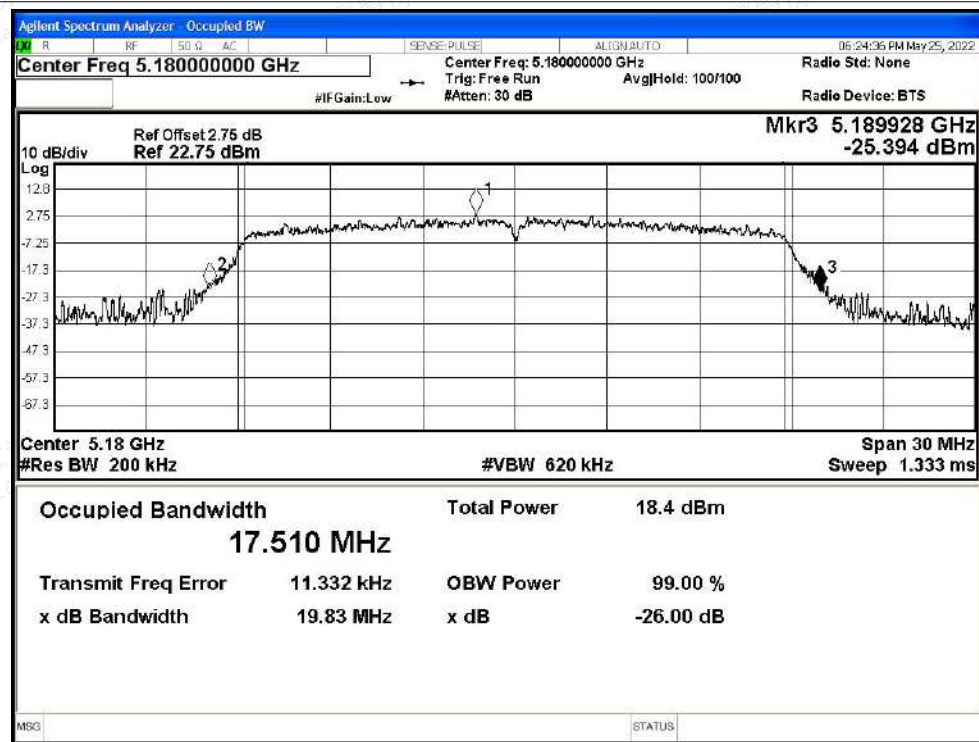




-26dB Bandwidth NVNT a 5240MHz Ant0



-26dB Bandwidth NVNT n20 5180MHz Ant0



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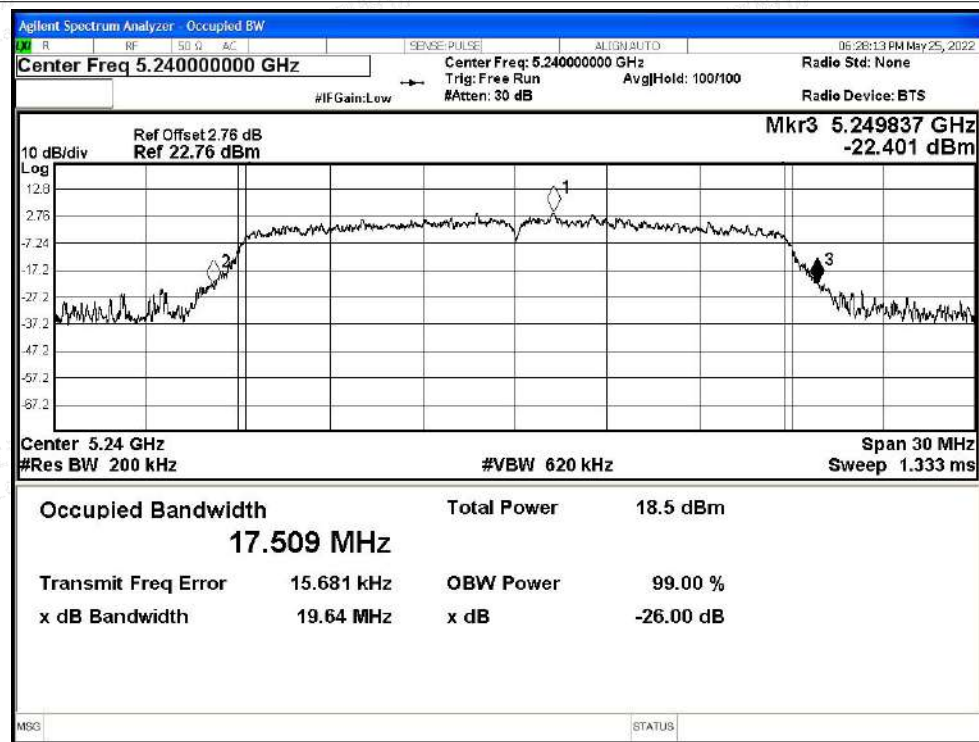
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-26dB Bandwidth NVNT n20 5200MHz Ant0



-26dB Bandwidth NVNT n20 5240MHz Ant0



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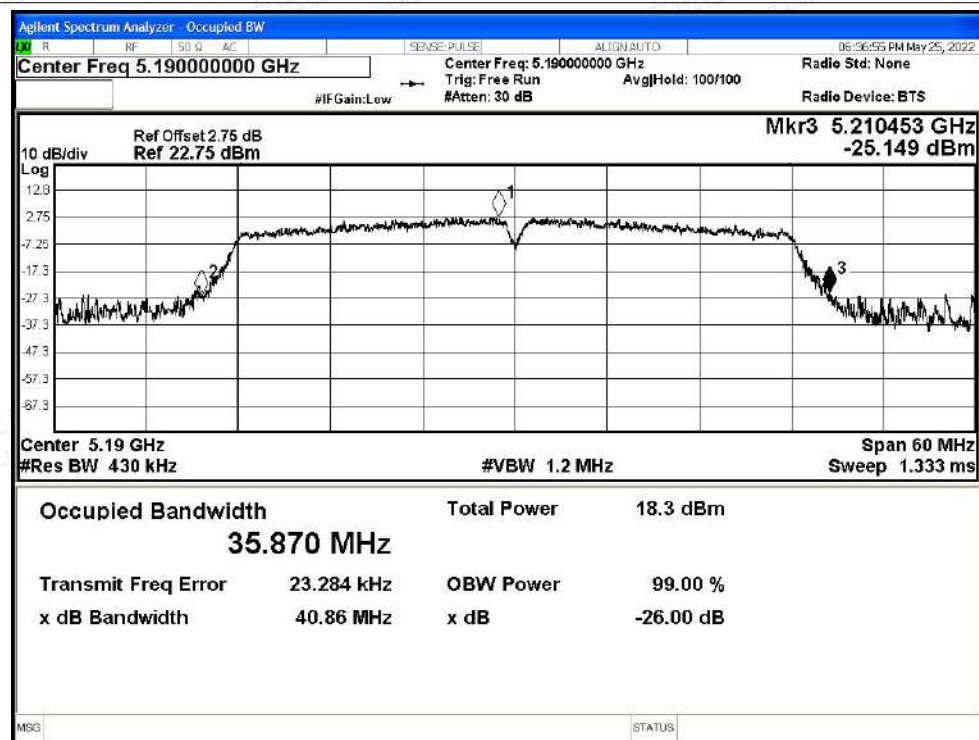
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

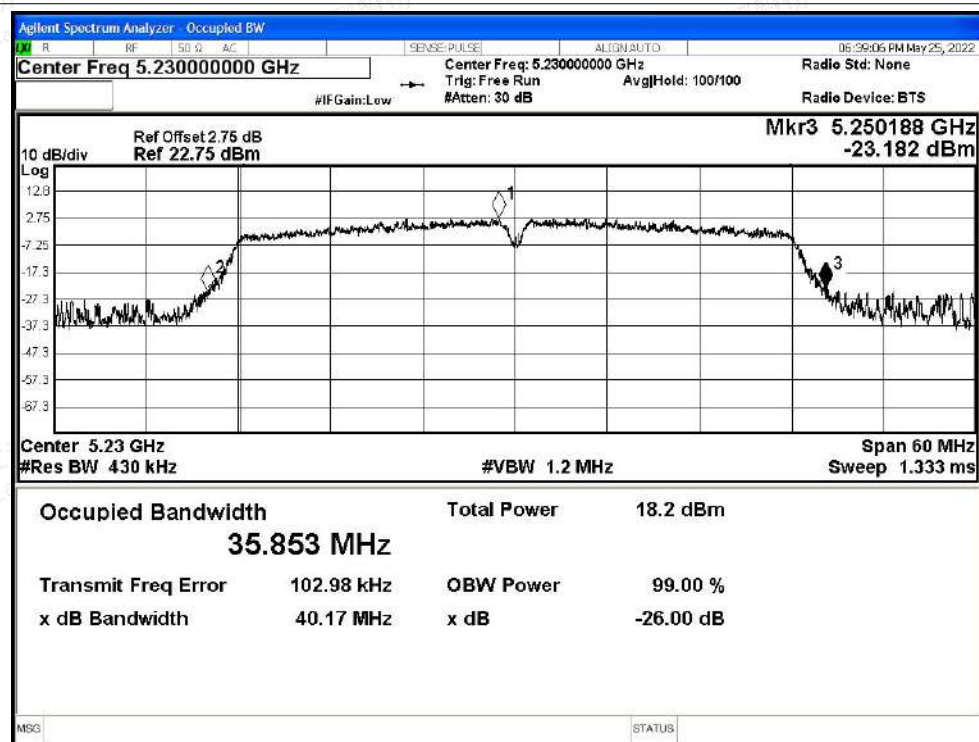
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-26dB Bandwidth NVNT n40 5190MHz Ant0



-26dB Bandwidth NVNT n40 5230MHz Ant0

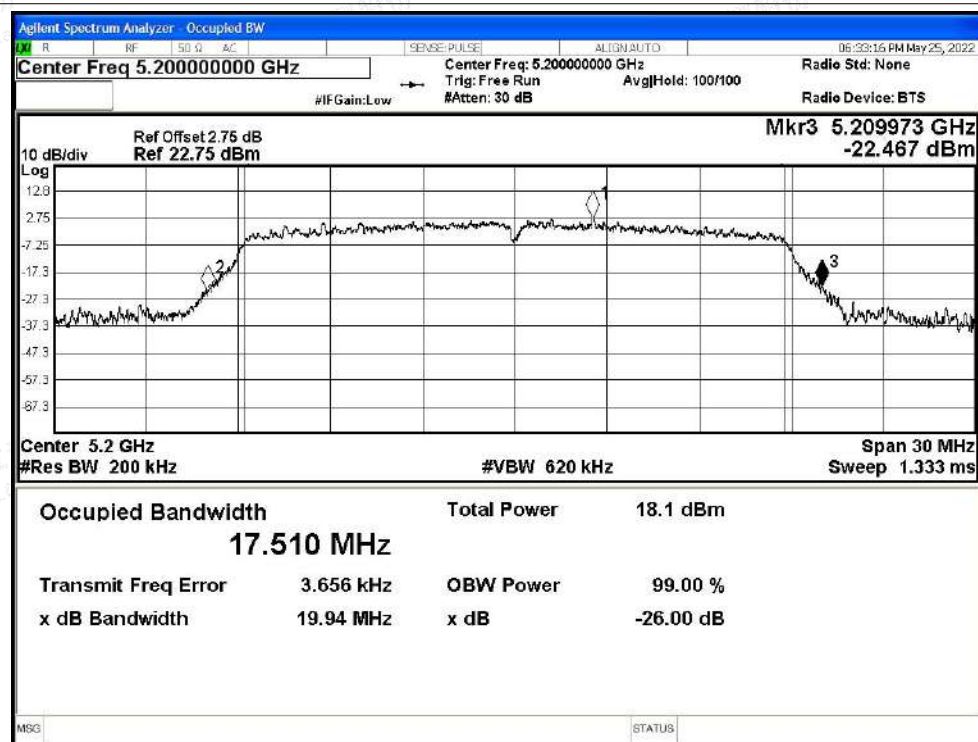




-26dB Bandwidth NVNT ac20 5180MHz Ant0

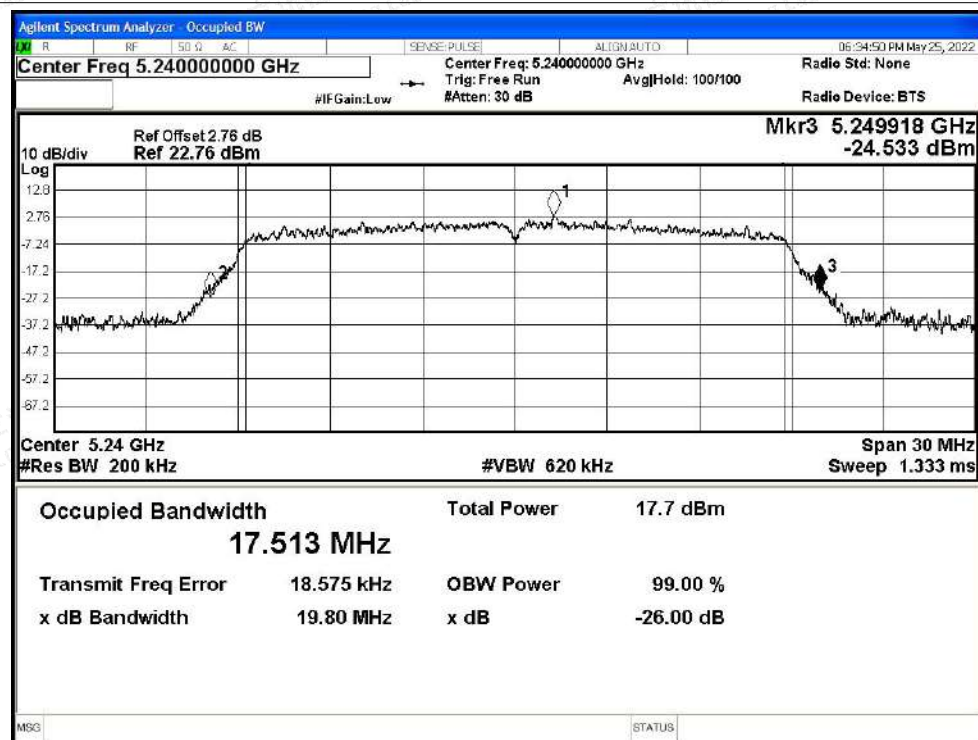


-26dB Bandwidth NVNT ac20 5200MHz Ant0

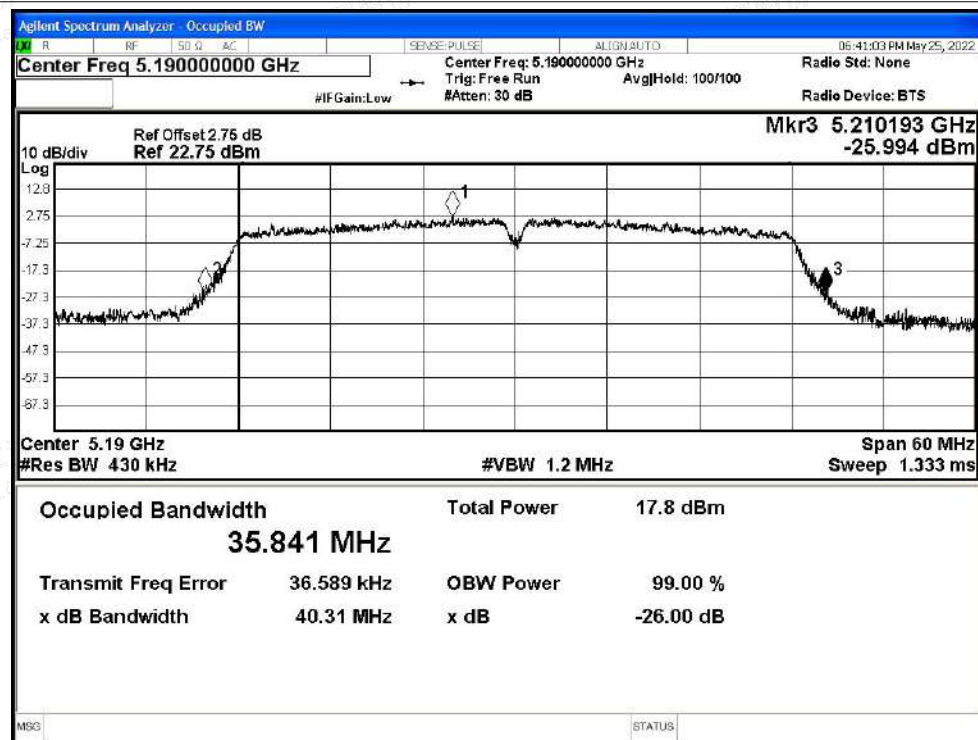




-26dB Bandwidth NVNT ac20 5240MHz Ant0



-26dB Bandwidth NVNT ac40 5190MHz Ant0



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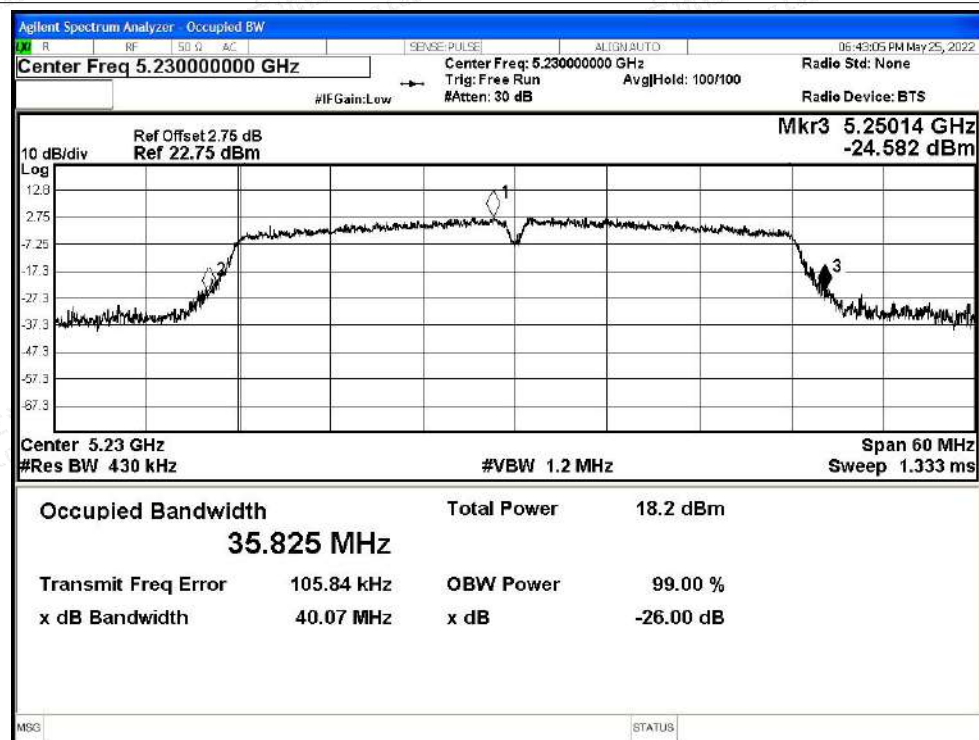
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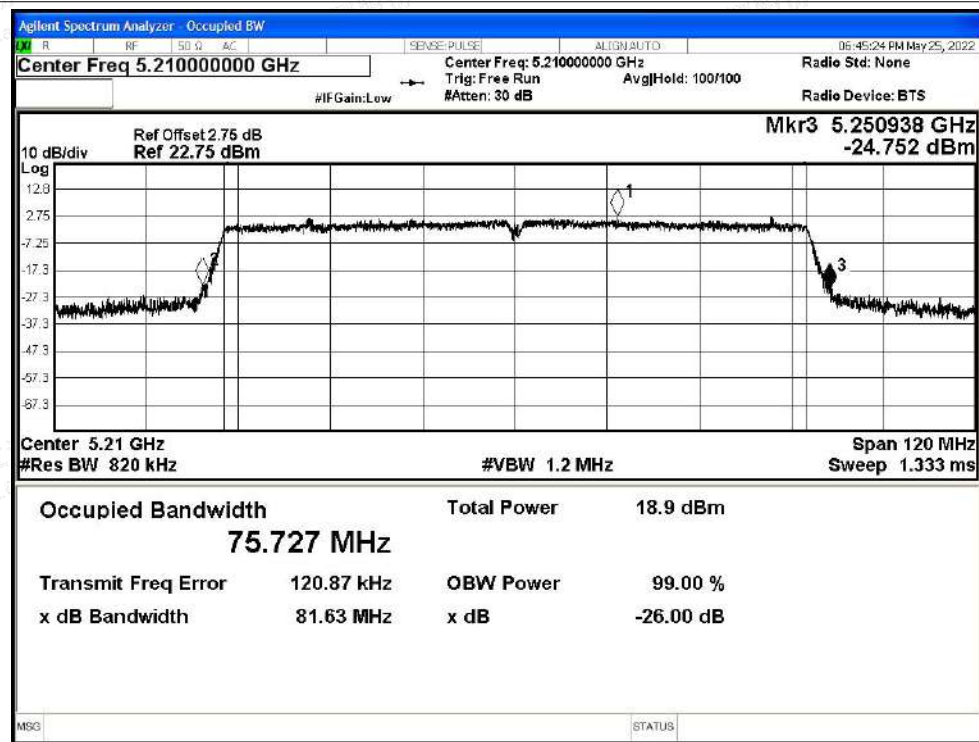
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-26dB Bandwidth NVNT ac40 5230MHz Ant0



-26dB Bandwidth NVNT ac80 5210MHz Ant0



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Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.64	0.5	Pass
NVNT	a	5200	Ant1	19.732	0.5	Pass
NVNT	a	5240	Ant1	19.626	0.5	Pass
NVNT	n20	5180	Ant1	19.991	0.5	Pass
NVNT	n20	5200	Ant1	19.893	0.5	Pass
NVNT	n20	5240	Ant1	19.959	0.5	Pass
NVNT	n40	5190	Ant1	40.073	0.5	Pass
NVNT	n40	5230	Ant1	39.955	0.5	Pass
NVNT	ac20	5180	Ant1	19.689	0.5	Pass
NVNT	ac20	5200	Ant1	19.954	0.5	Pass
NVNT	ac20	5240	Ant1	19.957	0.5	Pass
NVNT	ac40	5190	Ant1	40.292	0.5	Pass
NVNT	ac40	5230	Ant1	40.066	0.5	Pass
NVNT	ac80	5210	Ant1	81.273	0.5	Pass



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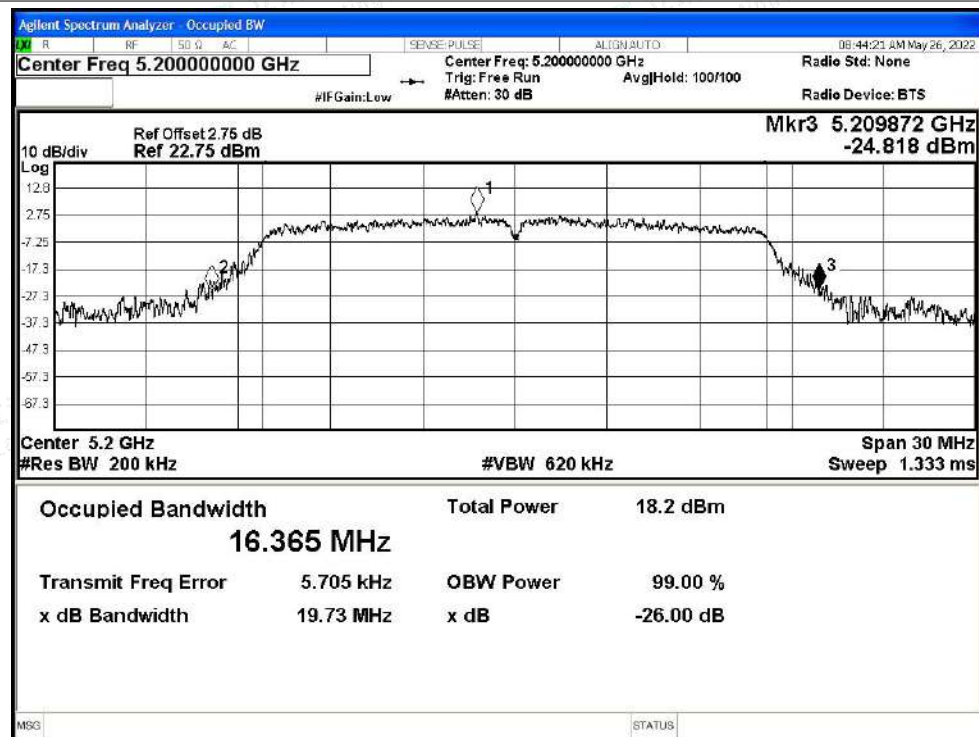


Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1



-26dB Bandwidth NVNT a 5200MHz Ant1

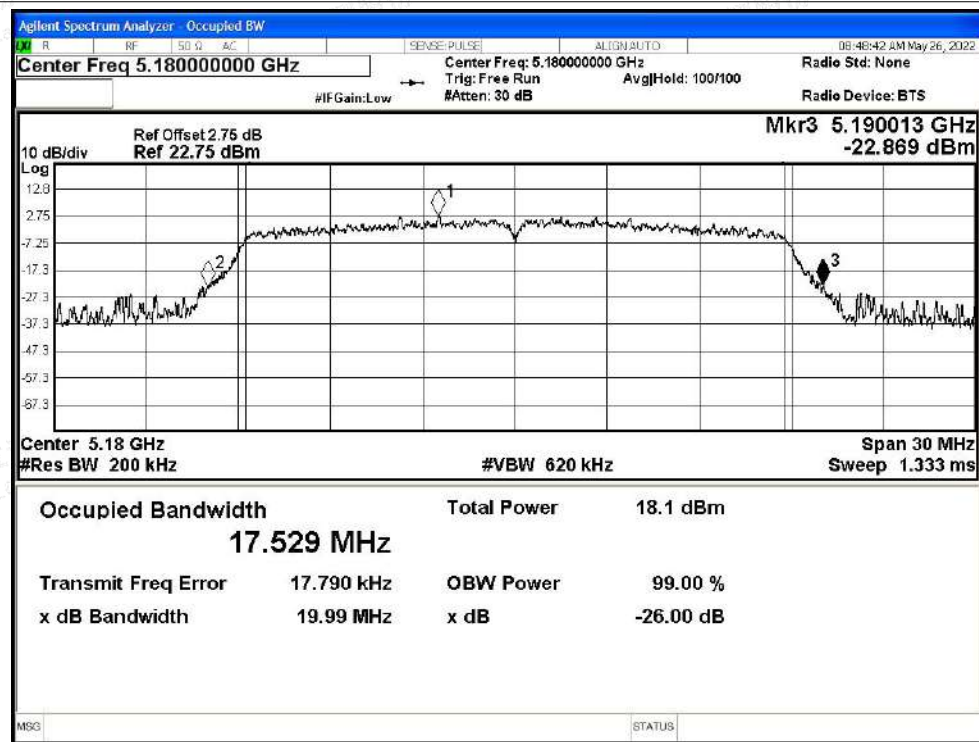




-26dB Bandwidth NVNT a 5240MHz Ant1



-26dB Bandwidth NVNT n20 5180MHz Ant1



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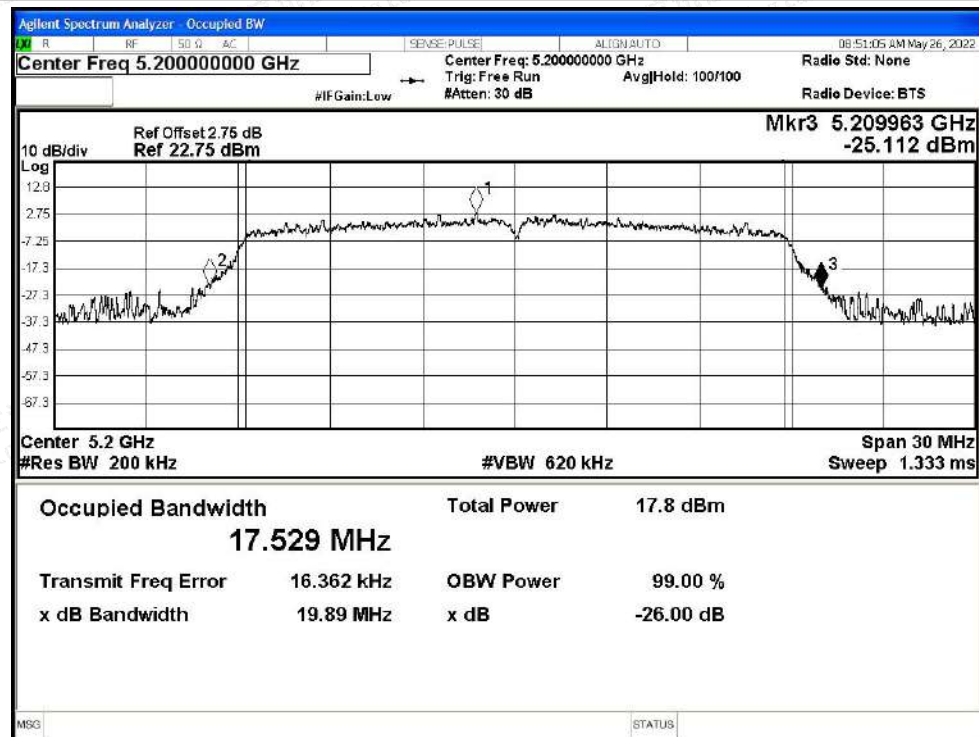
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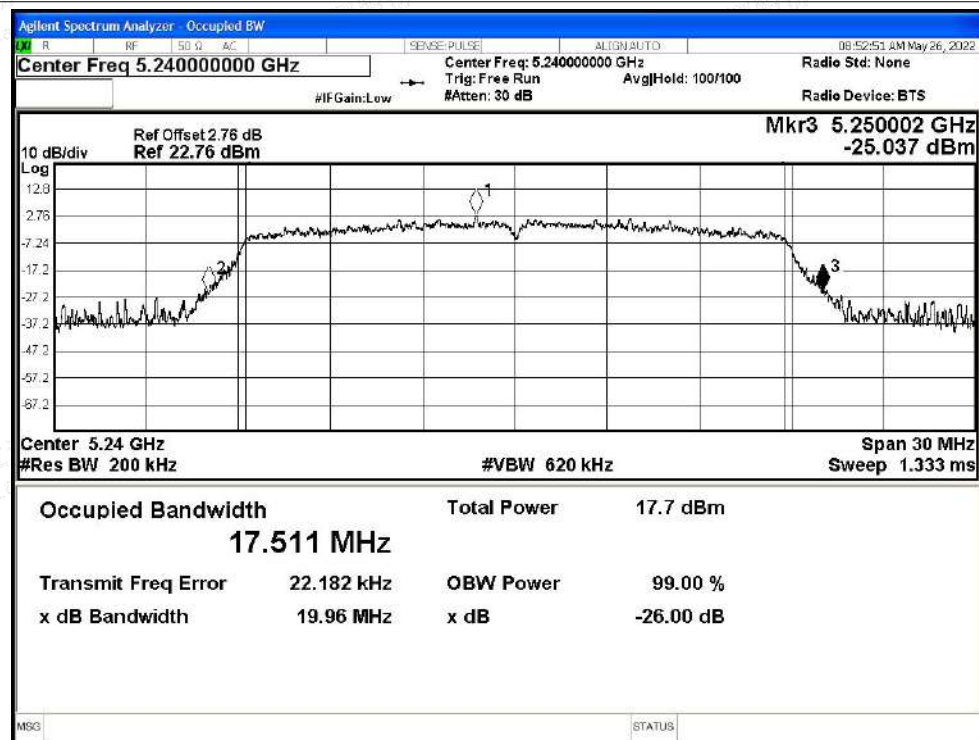
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-26dB Bandwidth NVNT n20 5200MHz Ant1

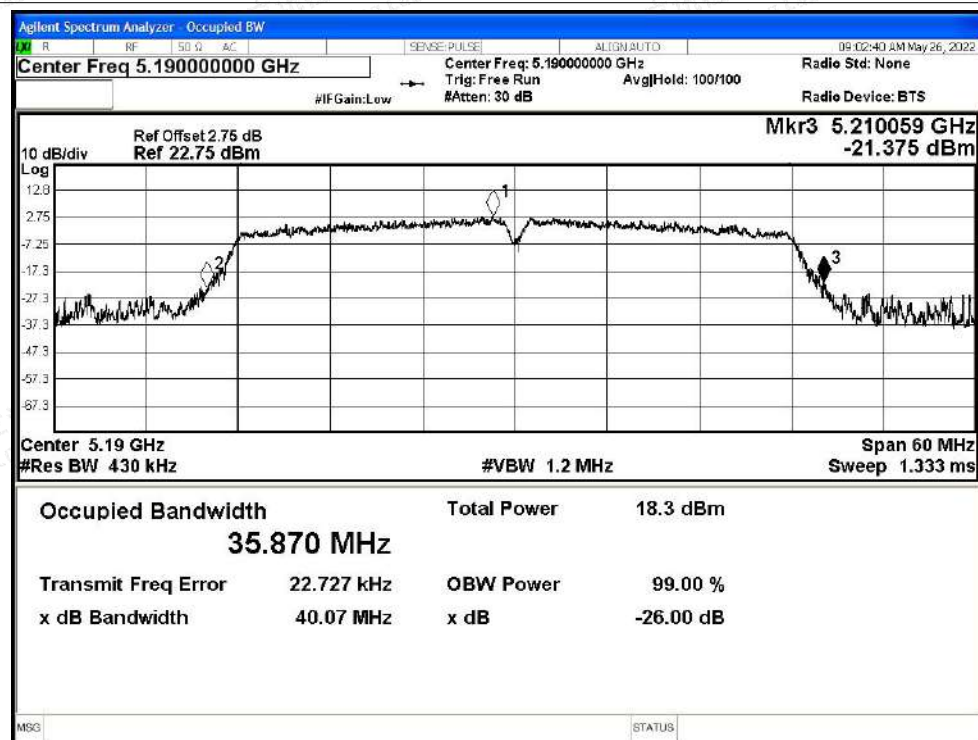


-26dB Bandwidth NVNT n20 5240MHz Ant1

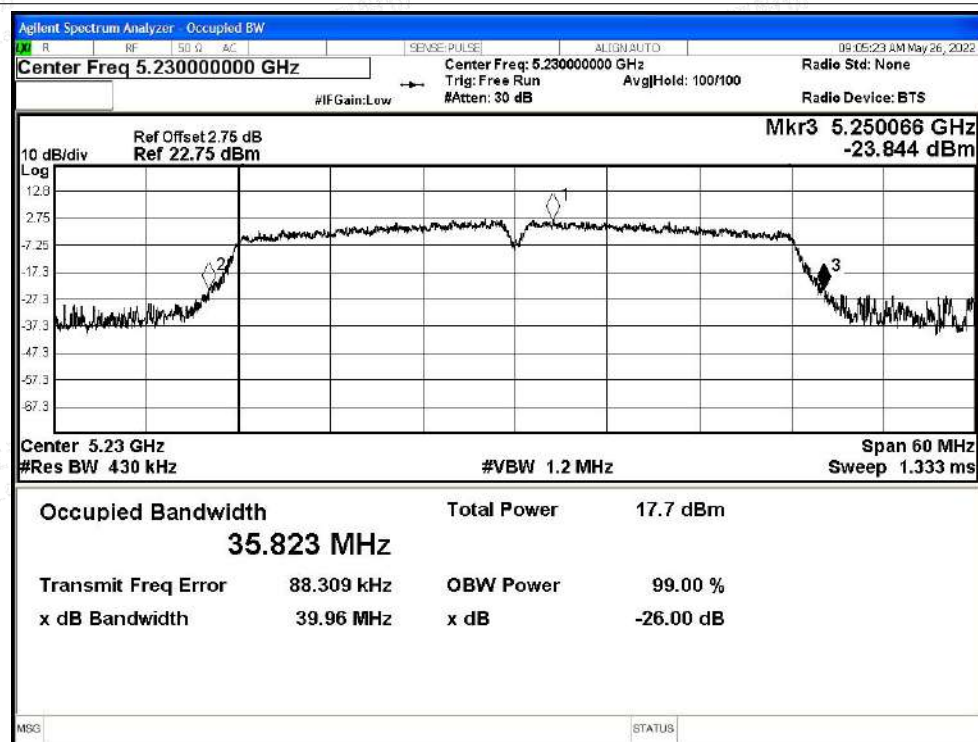




-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1



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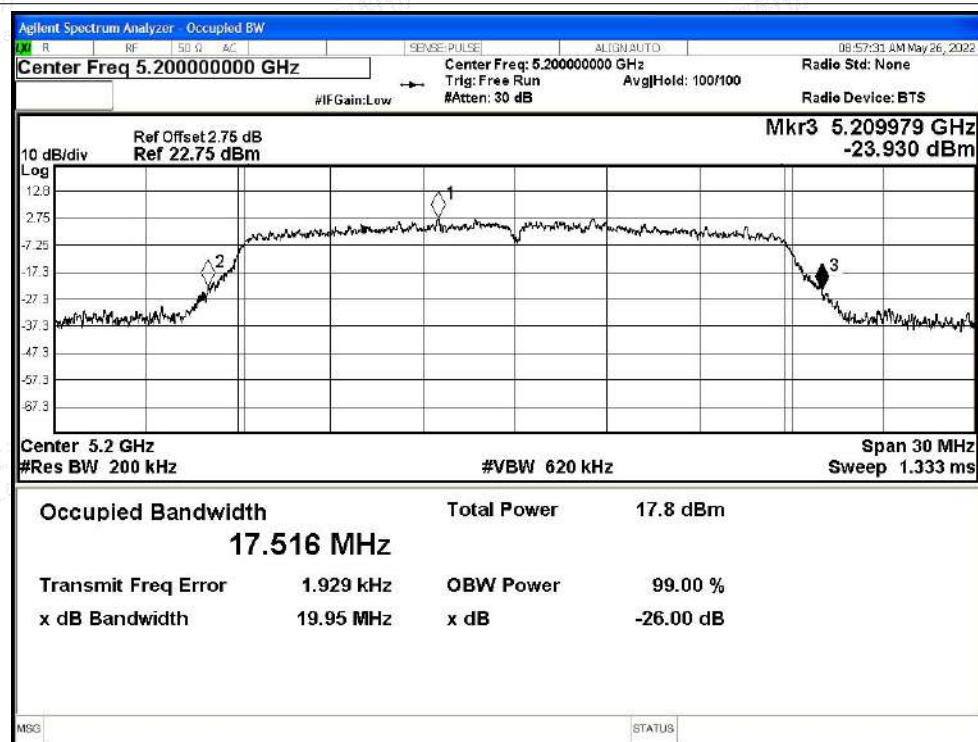
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-26dB Bandwidth NVNT ac20 5180MHz Ant1

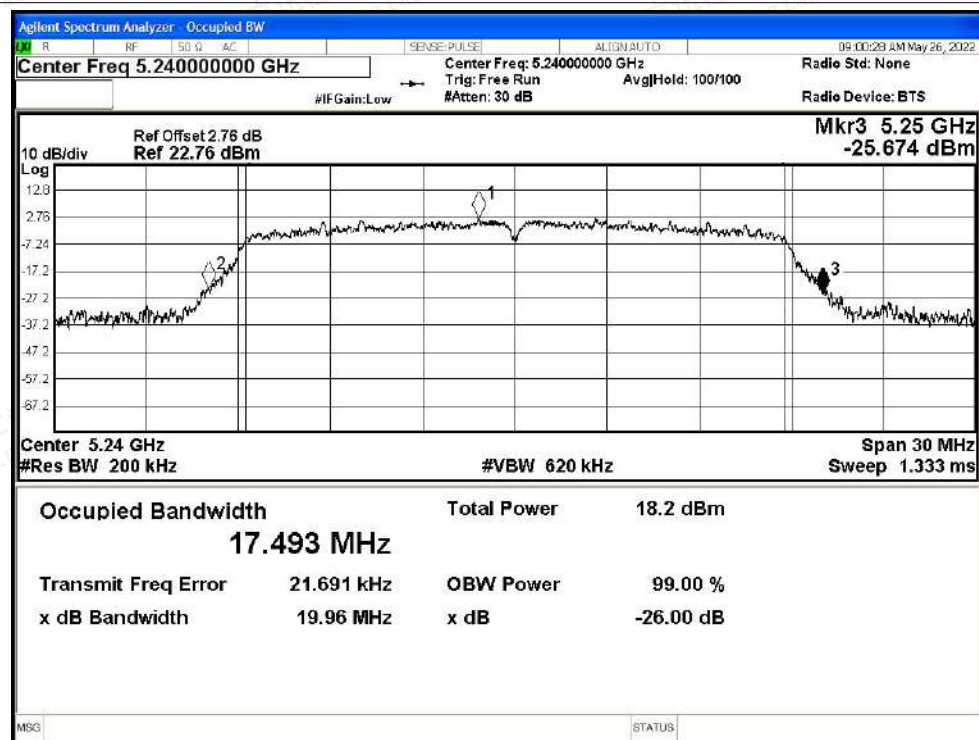


-26dB Bandwidth NVNT ac20 5200MHz Ant1

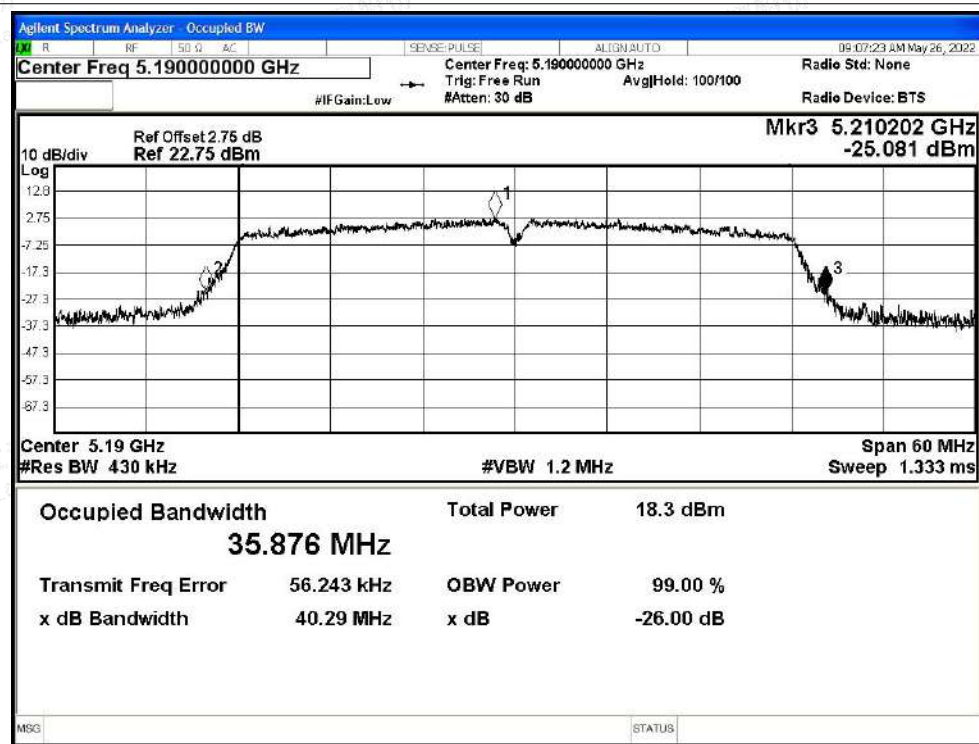




-26dB Bandwidth NVNT ac20 5240MHz Ant1



-26dB Bandwidth NVNT ac40 5190MHz Ant1



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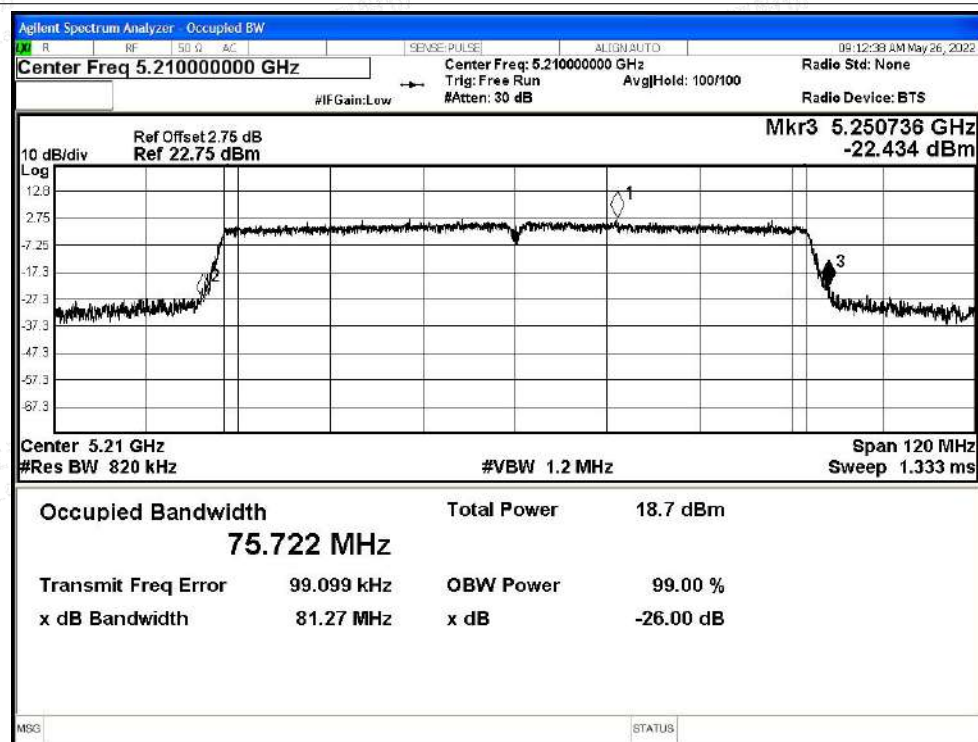
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-26dB Bandwidth NVNT ac40 5230MHz Ant1



-26dB Bandwidth NVNT ac80 5210MHz Ant1



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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	12.42	0.11	12.53	24	Pass
NVNT	a	5200	Ant0	12.83	0.11	12.94	24	Pass
NVNT	a	5240	Ant0	12.12	0.11	12.23	24	Pass
NVNT	n20	5180	Ant0	12.79	0	12.79	24	Pass
NVNT	n20	5200	Ant0	12.18	0.12	12.3	24	Pass
NVNT	n20	5240	Ant0	12.82	0.12	12.94	24	Pass
NVNT	n40	5190	Ant0	12.58	0.22	12.8	24	Pass
NVNT	n40	5230	Ant0	12.41	0.22	12.63	24	Pass
NVNT	ac20	5180	Ant0	12.17	0.12	12.29	24	Pass
NVNT	ac20	5200	Ant0	12.58	0.11	12.69	24	Pass
NVNT	ac20	5240	Ant0	12.17	0.11	12.28	24	Pass
NVNT	ac40	5190	Ant0	12.16	0.22	12.38	24	Pass
NVNT	ac40	5230	Ant0	12.53	0.22	12.75	24	Pass
NVNT	ac80	5210	Ant0	12.18	0.43	12.61	24	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	12.81	0	12.81	24	Pass
NVNT	a	5200	Ant1	12.63	0.11	12.74	24	Pass
NVNT	a	5240	Ant1	12.31	0.11	12.42	24	Pass
NVNT	n20	5180	Ant1	12.59	0.12	12.71	24	Pass
NVNT	n20	5200	Ant1	12.35	0.12	12.47	24	Pass
NVNT	n20	5240	Ant1	12.18	0.12	12.3	24	Pass
NVNT	n40	5190	Ant1	12.56	0.22	12.78	24	Pass
NVNT	n40	5230	Ant1	11.75	0.22	11.97	24	Pass
NVNT	ac20	5180	Ant1	12.51	0.11	12.62	24	Pass
NVNT	ac20	5200	Ant1	12.28	0.12	12.4	24	Pass
NVNT	ac20	5240	Ant1	12.64	0.12	12.76	24	Pass
NVNT	ac40	5190	Ant1	12.55	0.23	12.78	24	Pass
NVNT	ac40	5230	Ant1	12.29	0.23	12.52	24	Pass
NVNT	ac80	5210	Ant1	12.11	0.44	12.55	24	Pass





MIMO

Condition	Mode	Frequency (MHz)	Total Power (dBm)			Limit (dBm)	Verdict
			Ant0	Ant1	Ant0+Ant1		
NVNT	n20	5180	12.79	12.71	15.76	24	Pass
NVNT	n20	5200	12.3	12.47	15.40	24	Pass
NVNT	n20	5240	12.94	12.3	15.64	24	Pass
NVNT	n40	5190	12.8	12.78	15.80	24	Pass
NVNT	n40	5230	12.63	11.97	15.32	24	Pass
NVNT	ac20	5180	12.29	12.62	15.47	24	Pass
NVNT	ac20	5200	12.69	12.4	15.56	24	Pass
NVNT	ac20	5240	12.28	12.76	15.54	24	Pass
NVNT	ac40	5190	12.38	12.78	15.59	24	Pass
NVNT	ac40	5230	12.75	12.52	15.65	24	Pass
NVNT	ac80	5210	12.61	12.55	15.59	24	Pass



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D.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	Ant0	-0.08	0.11	0.03	11	Pass
NVNT	a	5200	Ant0	1.16	0.11	1.27	11	Pass
NVNT	a	5240	Ant0	0.18	0.11	0.29	11	Pass
NVNT	n20	5180	Ant0	0.85	0.12	0.97	11	Pass
NVNT	n20	5200	Ant0	0.17	0.12	0.29	11	Pass
NVNT	n20	5240	Ant0	0.73	0.12	0.85	11	Pass
NVNT	n40	5190	Ant0	-3.29	0.22	-3.07	11	Pass
NVNT	n40	5230	Ant0	-3.39	0.22	-3.17	11	Pass
NVNT	ac20	5180	Ant0	0.03	0.12	0.15	11	Pass
NVNT	ac20	5200	Ant0	0.21	0.11	0.32	11	Pass
NVNT	ac20	5240	Ant0	0.06	0.11	0.17	11	Pass
NVNT	ac40	5190	Ant0	-3.46	0.22	-3.24	11	Pass
NVNT	ac40	5230	Ant0	-3.96	0.22	-3.74	11	Pass
NVNT	ac80	5210	Ant0	-8.58	0.43	-8.15	11	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	Ant1	1.01	0.11	1.12	11	Pass
NVNT	a	5200	Ant1	0.37	0.11	0.48	11	Pass
NVNT	a	5240	Ant1	0.76	0.11	0.87	11	Pass
NVNT	n20	5180	Ant1	0.41	0.12	0.53	11	Pass
NVNT	n20	5200	Ant1	-0.13	0.12	-0.01	11	Pass
NVNT	n20	5240	Ant1	-0.55	0.12	-0.43	11	Pass
NVNT	n40	5190	Ant1	-3.79	0.22	-3.57	11	Pass
NVNT	n40	5230	Ant1	-3.51	0.22	-3.29	11	Pass
NVNT	ac20	5180	Ant1	-0.25	0.11	-0.14	11	Pass
NVNT	ac20	5200	Ant1	0.32	0.12	0.44	11	Pass
NVNT	ac20	5240	Ant1	0.38	0.12	0.5	11	Pass
NVNT	ac40	5190	Ant1	-3.36	0.23	-3.13	11	Pass
NVNT	ac40	5230	Ant1	-3.26	0.23	-3.03	11	Pass
NVNT	ac80	5210	Ant1	-8.26	0.44	-7.82	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	0.97	0.53	3.77	≤11	Pass
	40	5200	0.29	-0.01	3.15		Pass
	48	5240	0.85	-0.43	3.27		Pass
N40	38	5190	-3.07	-3.57	-0.30	≤11	Pass
	46	5230	-3.17	-3.29	-0.22		Pass
ac20	36	5180	0.15	-0.14	3.02	≤11	Pass
	40	5200	0.32	0.44	3.39		Pass
	48	5240	0.17	0.5	3.35		Pass
ac40	38	5190	-3.24	-3.13	-0.17	≤11	Pass
	46	5230	-3.74	-3.03	-0.36		Pass
ac80	42	5210	-8.15	-7.82	-4.97	≤11	Pass

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

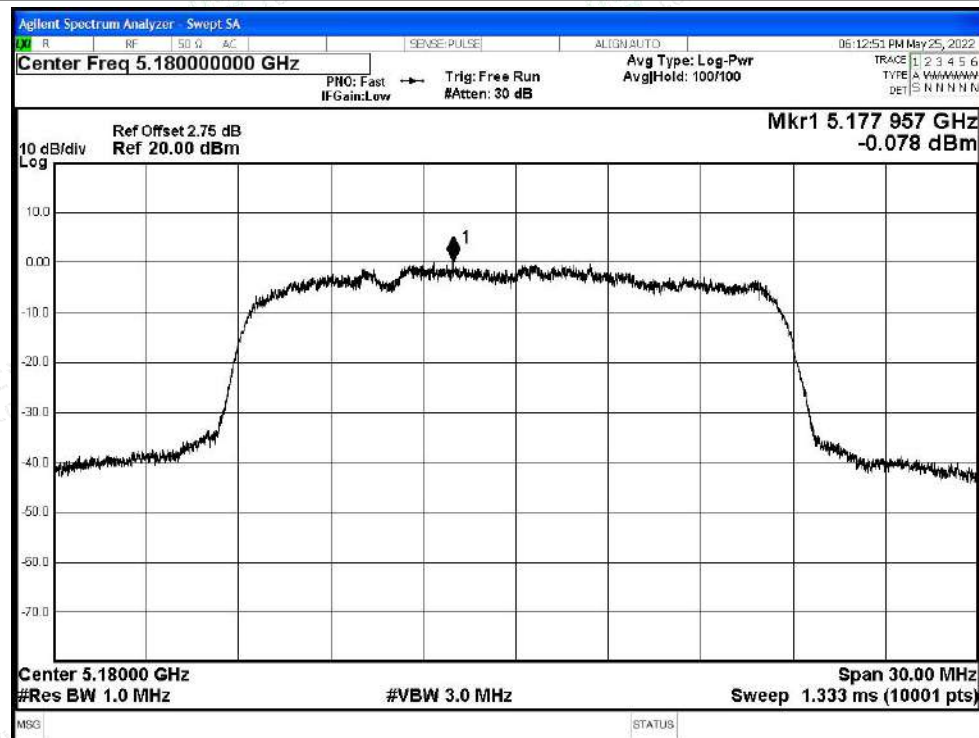


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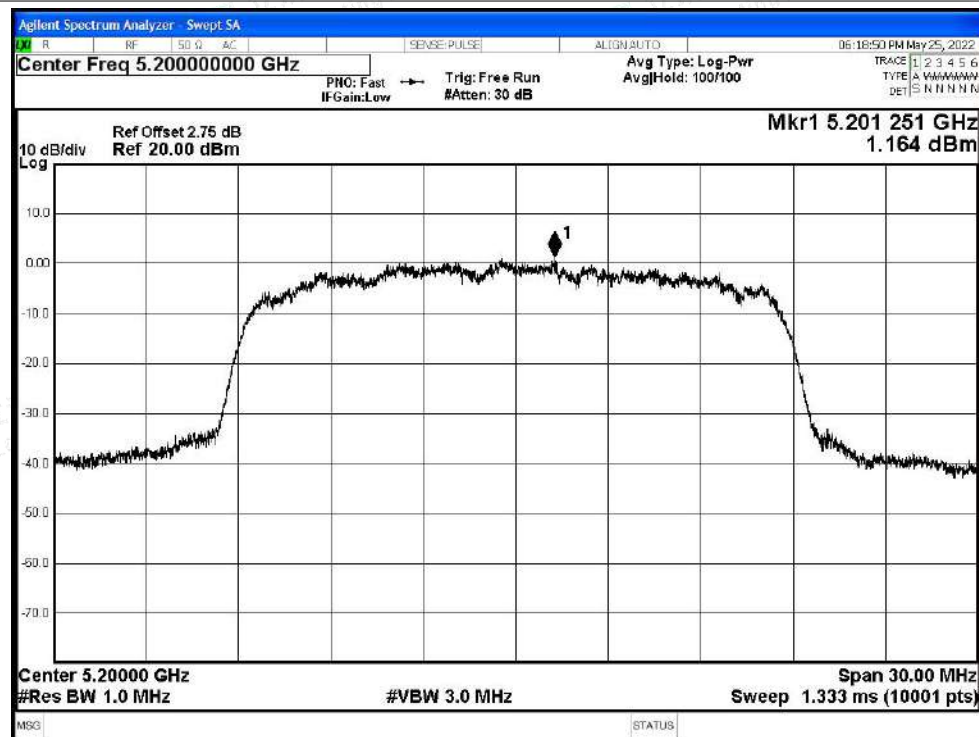


Test Graphs

PSD NVNT a 5180MHz Ant0

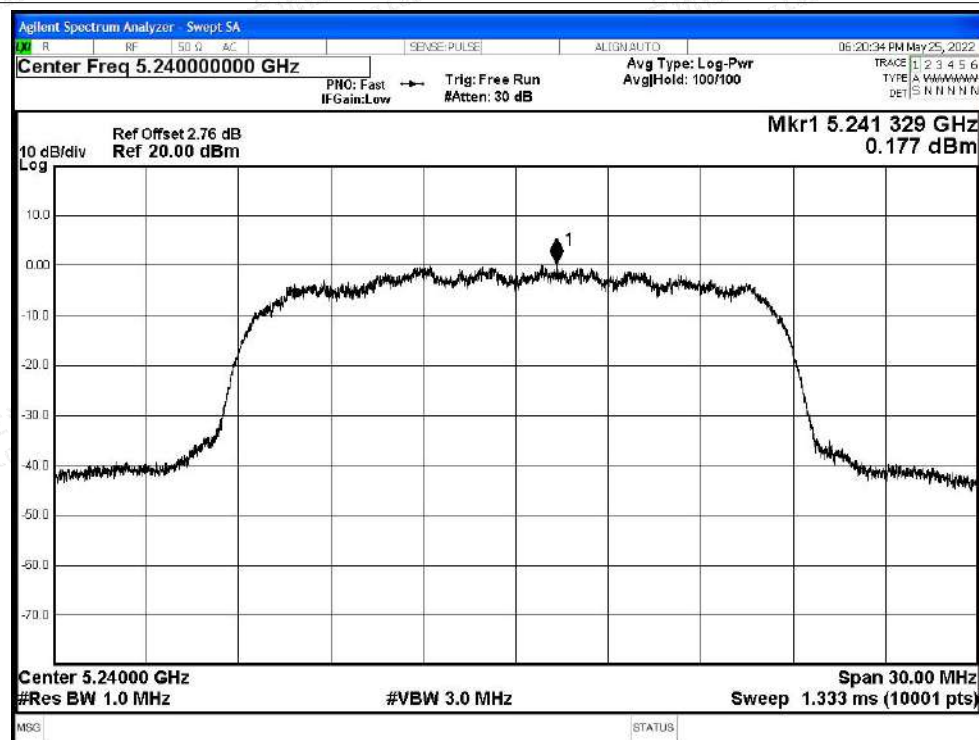


PSD NVNT a 5200MHz Ant0

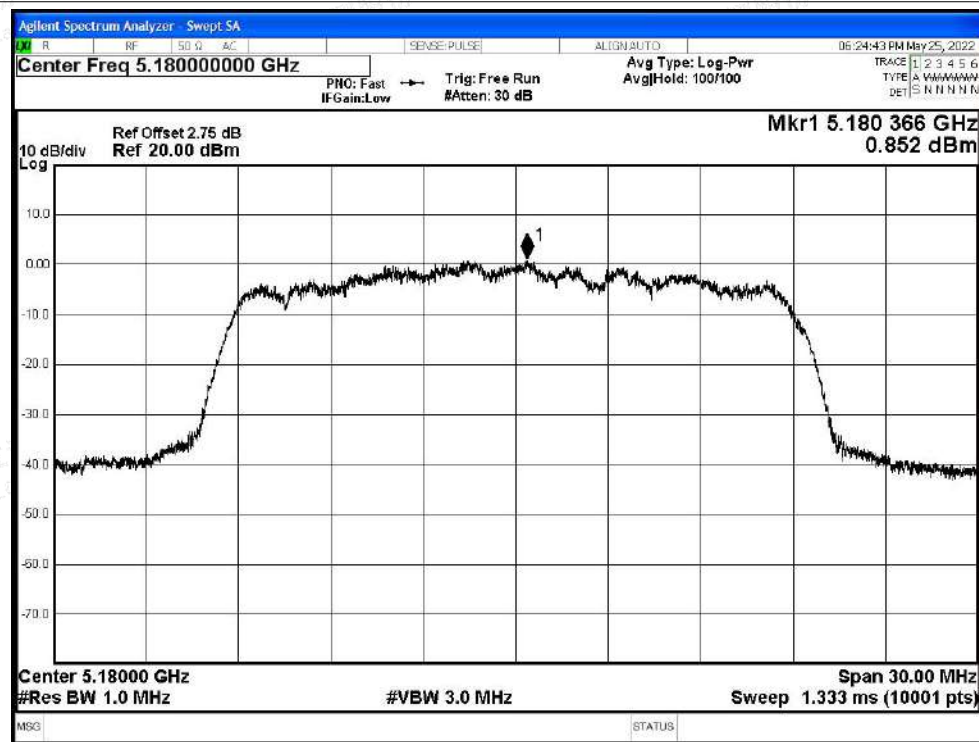


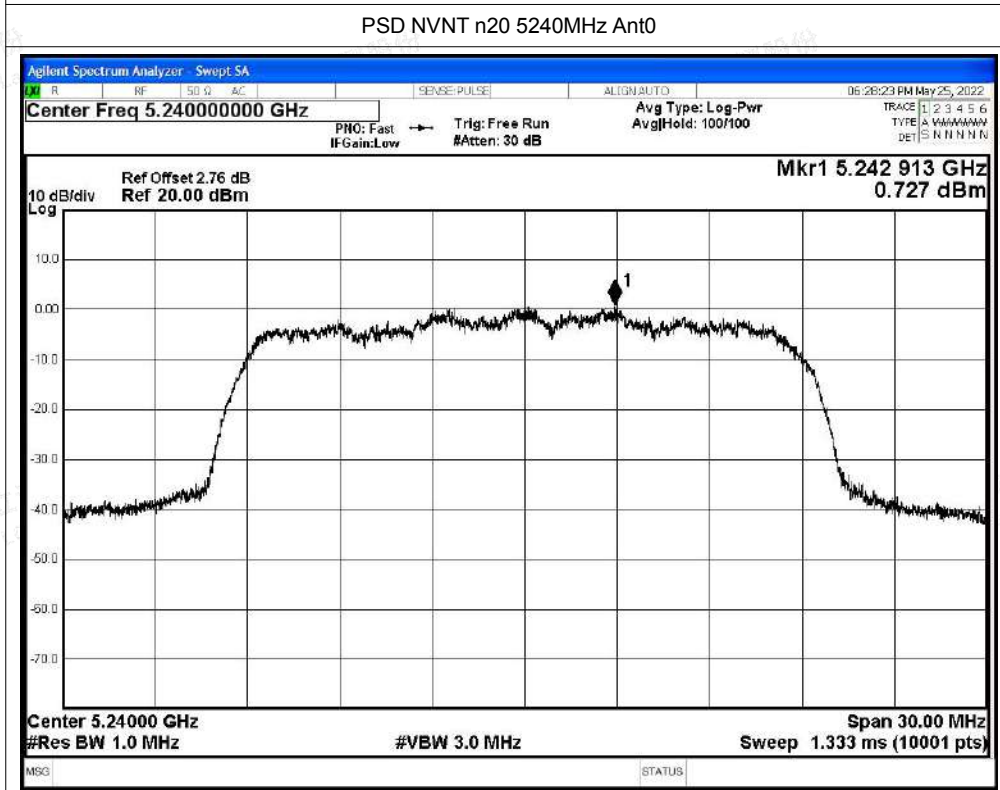
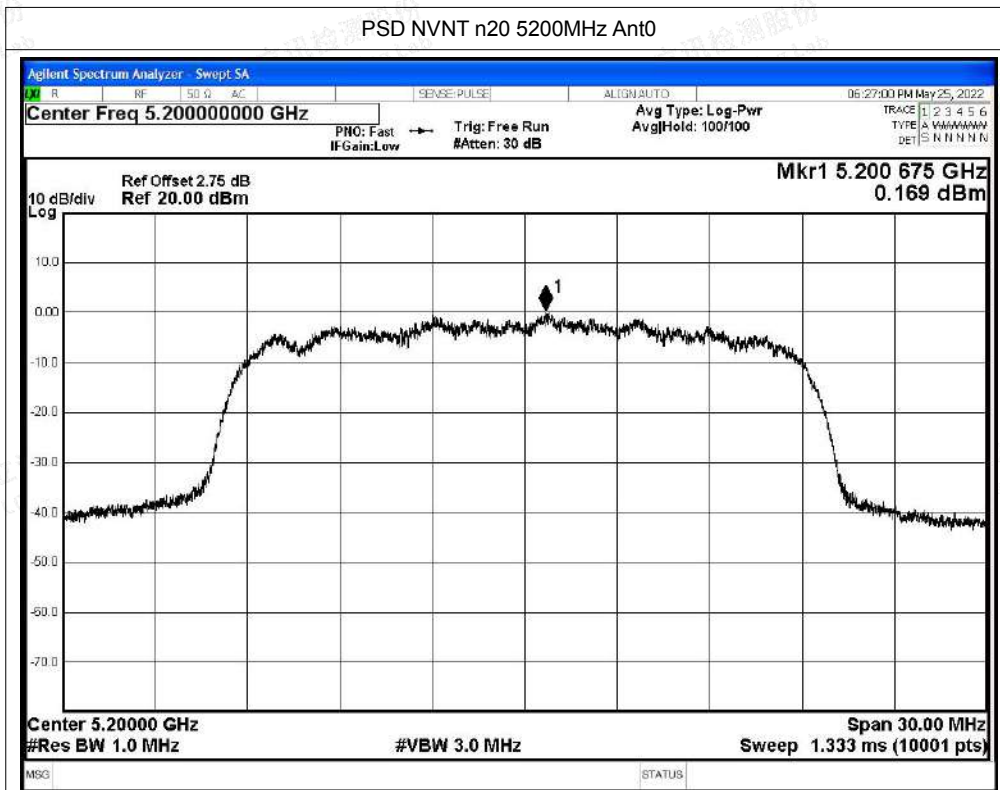


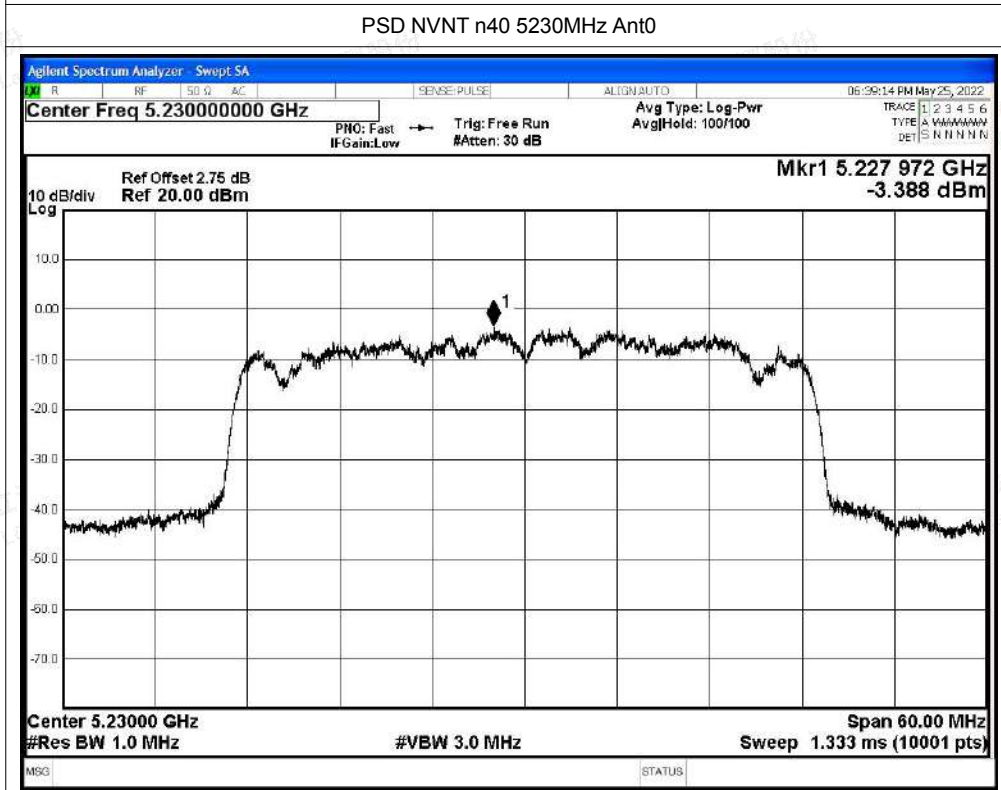
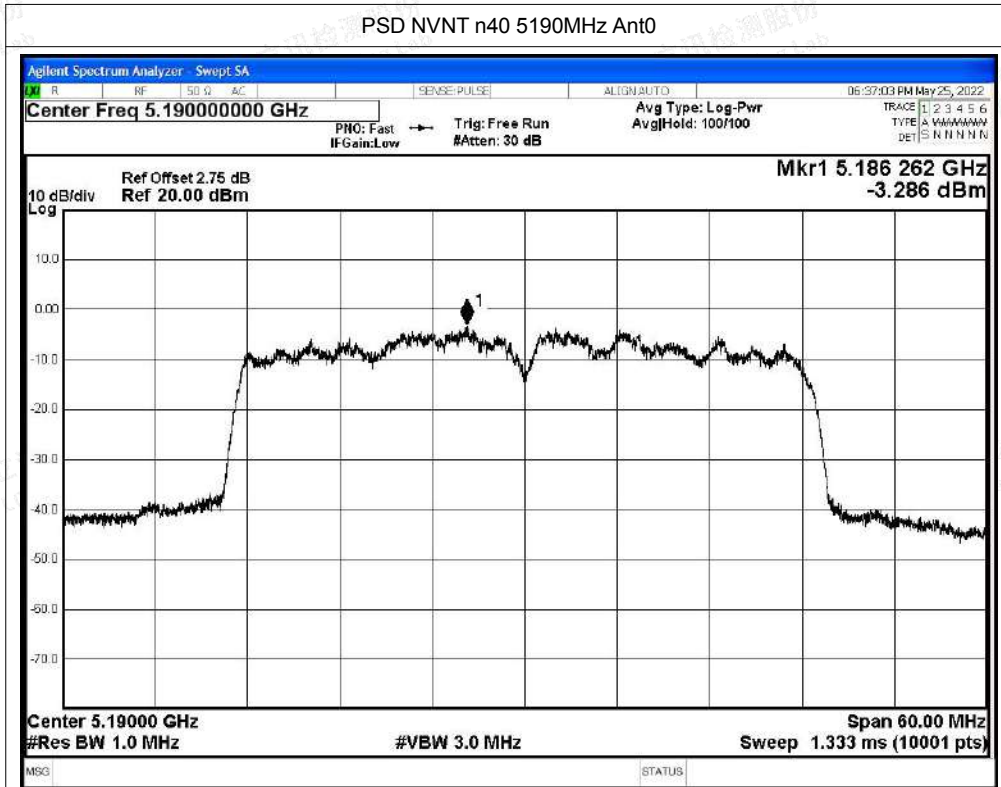
PSD NVNT a 5240MHz Ant0



PSD NVNT n20 5180MHz Ant0

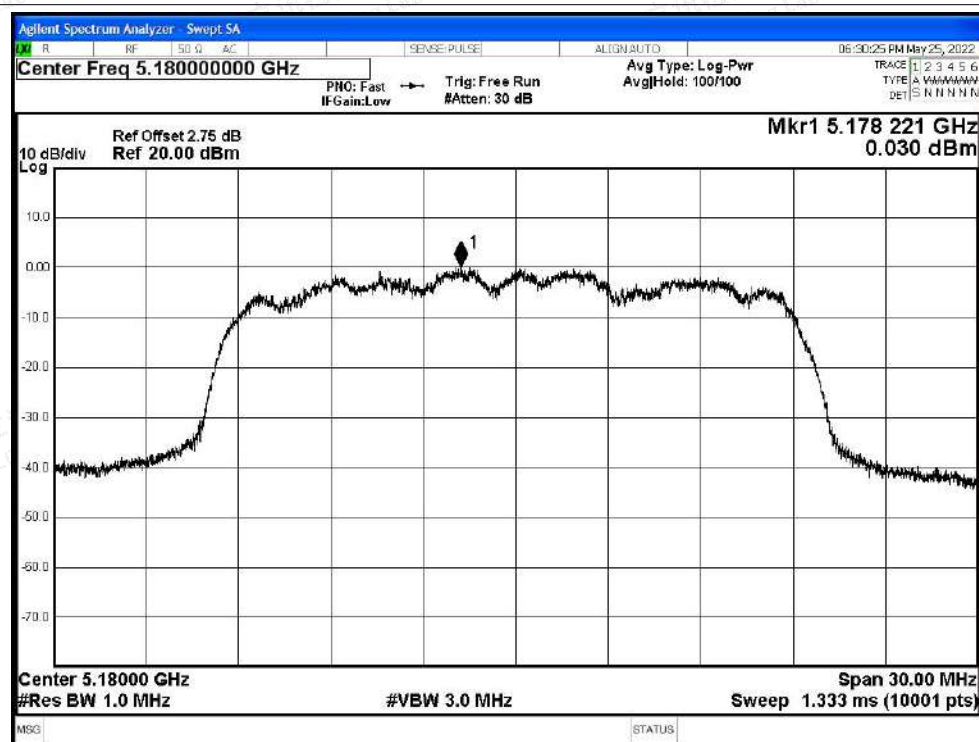




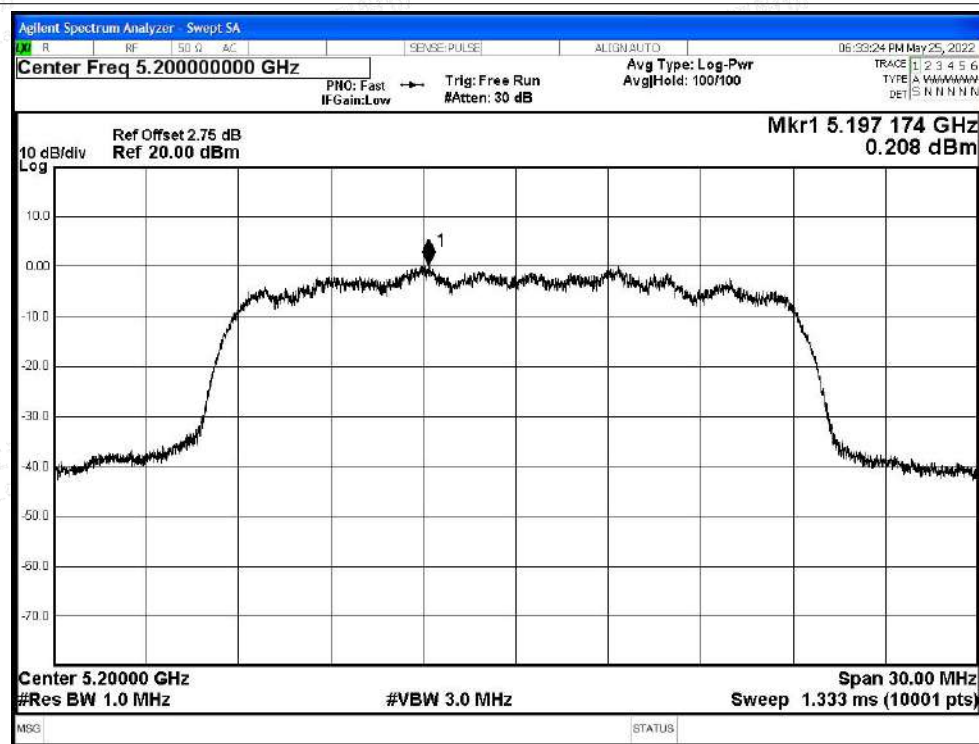




PSD NVNT ac20 5180MHz Ant0

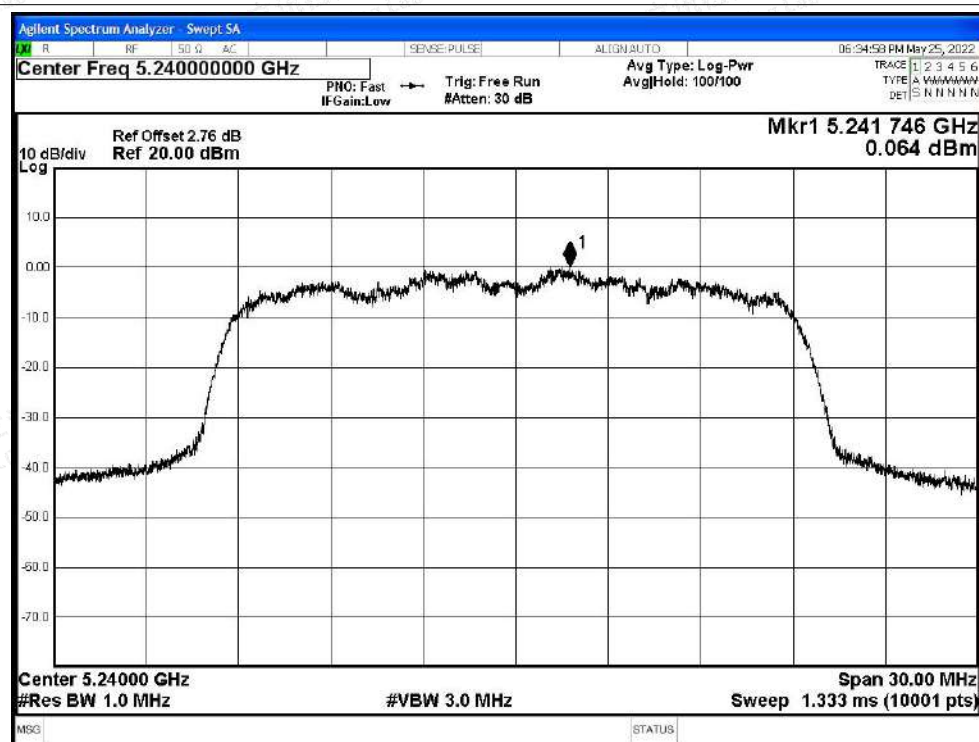


PSD NVNT ac20 5200MHz Ant0

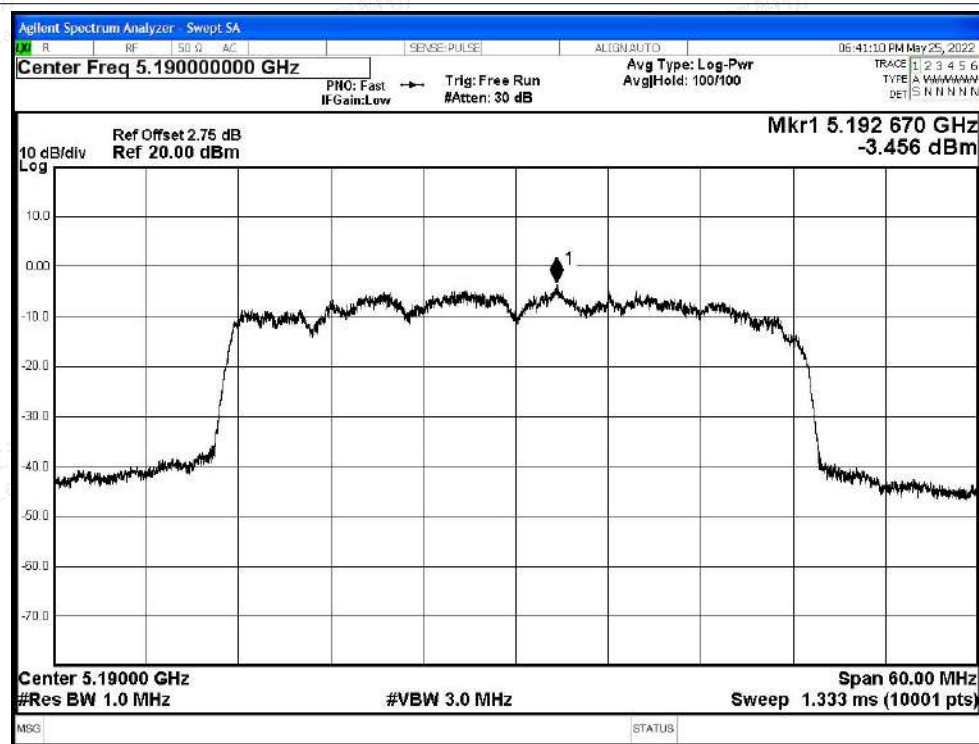




PSD NVNT ac20 5240MHz Ant0

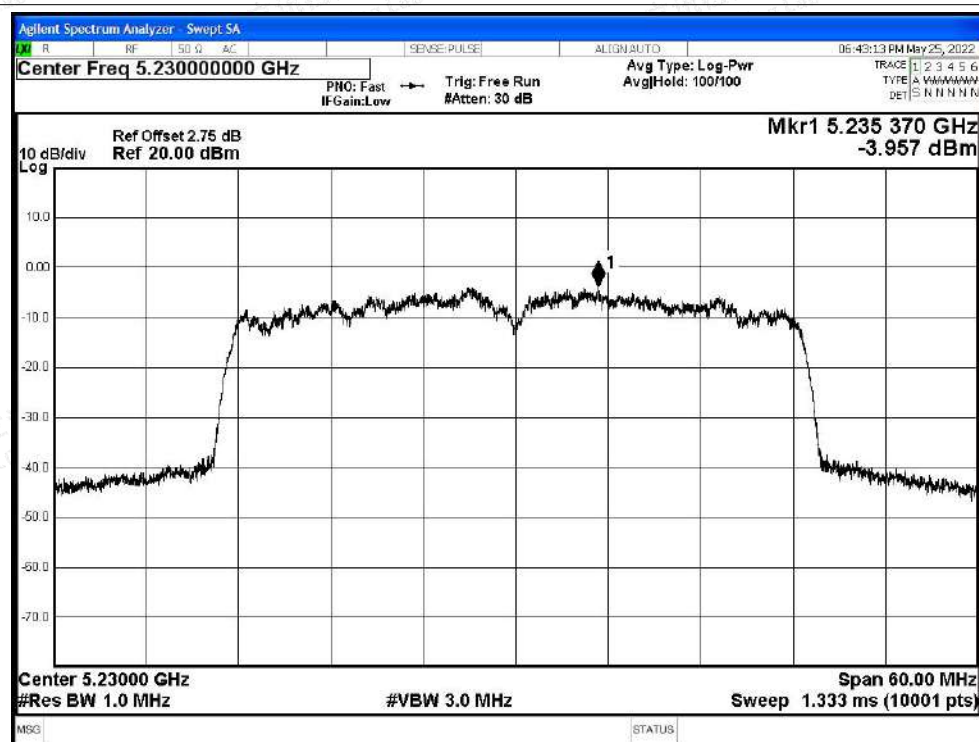


PSD NVNT ac40 5190MHz Ant0

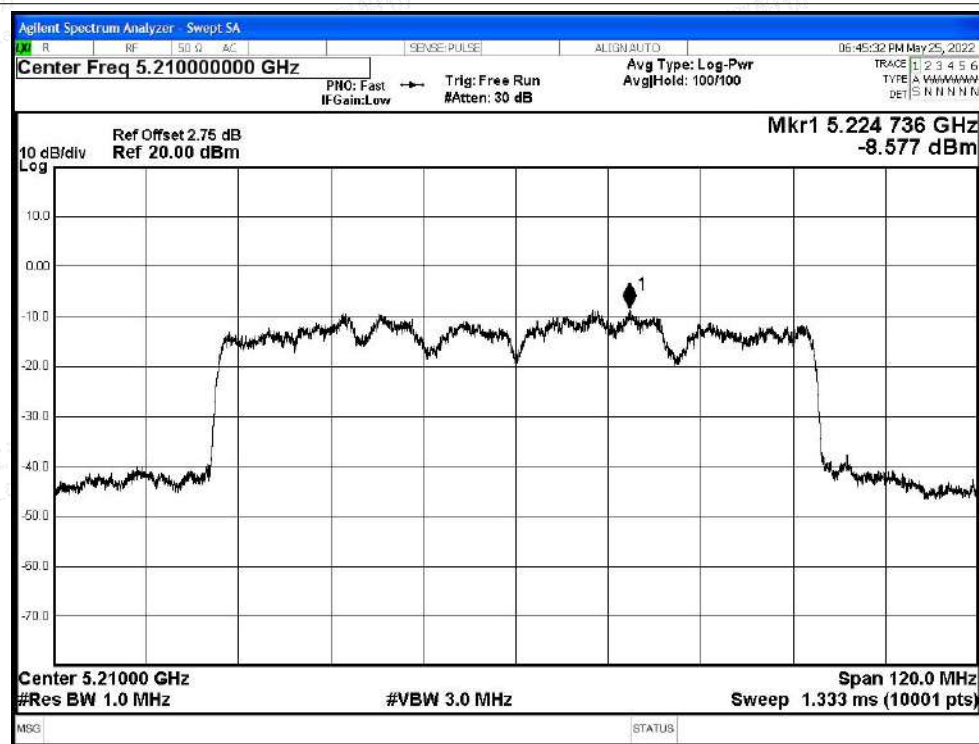




PSD NVNT ac40 5230MHz Ant0



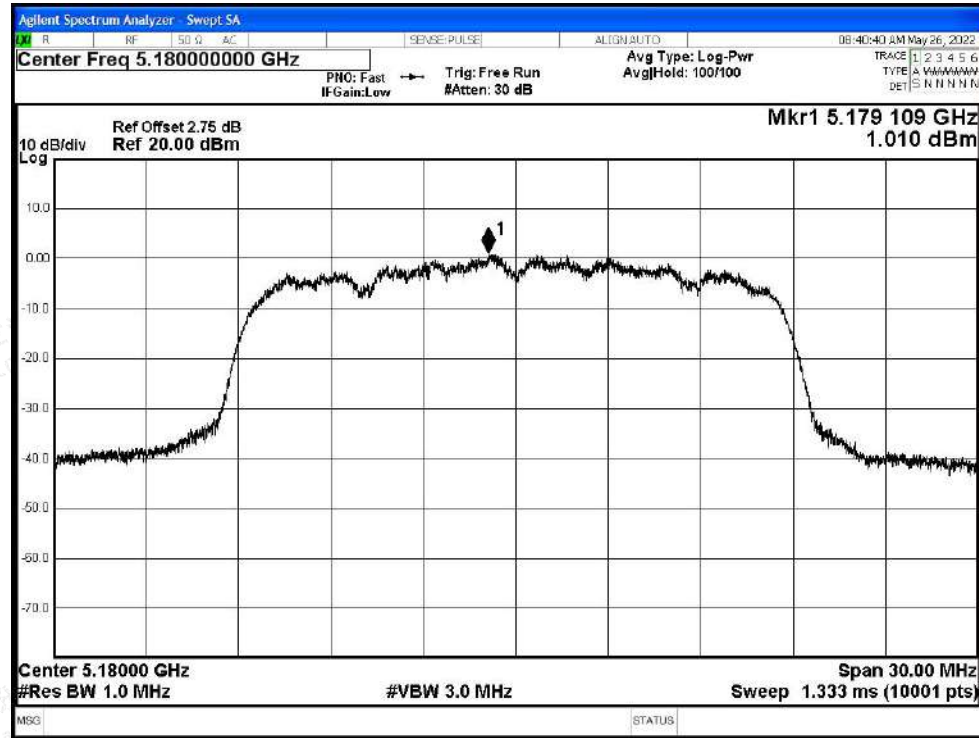
PSD NVNT ac80 5210MHz Ant0



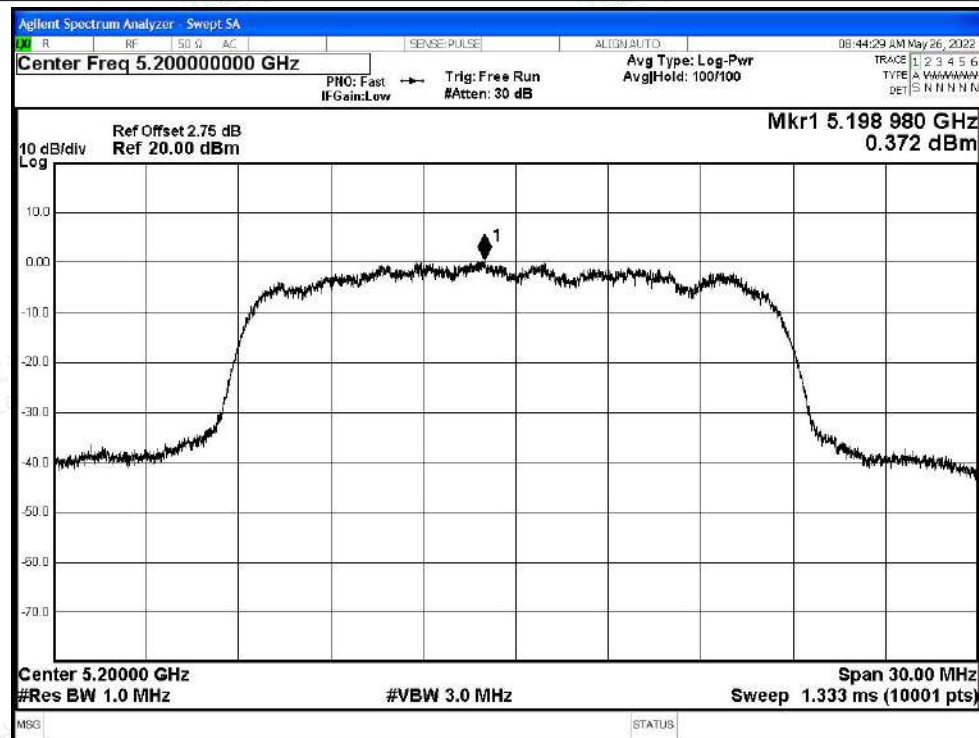


Test Graphs

PSD NVNT a 5180MHz Ant1

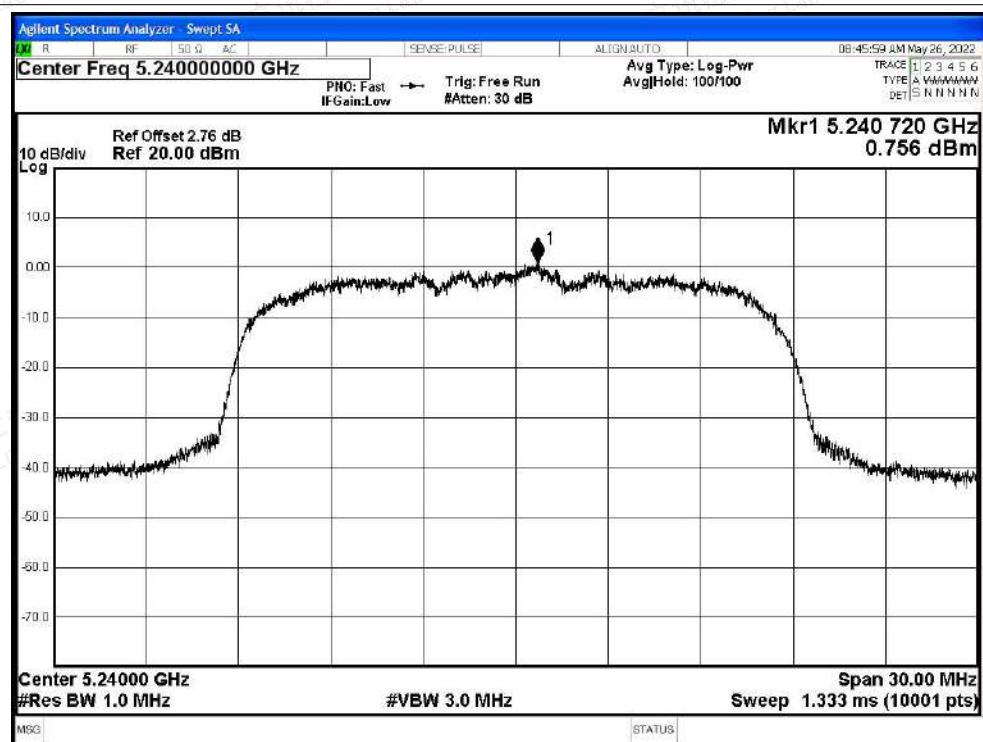


PSD NVNT a 5200MHz Ant1

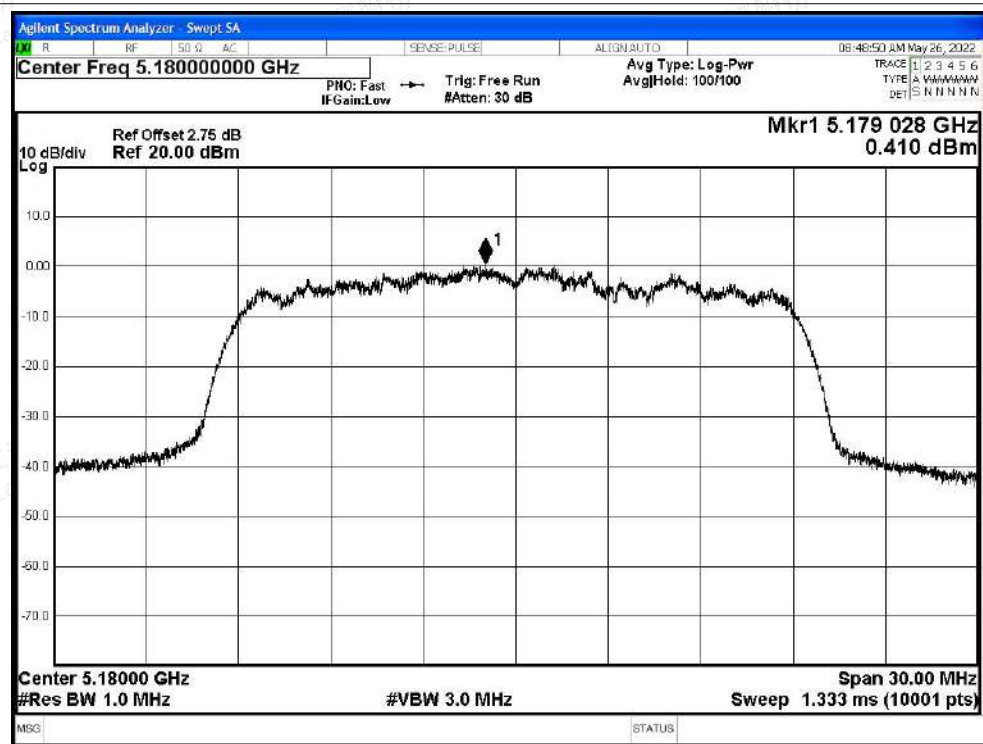


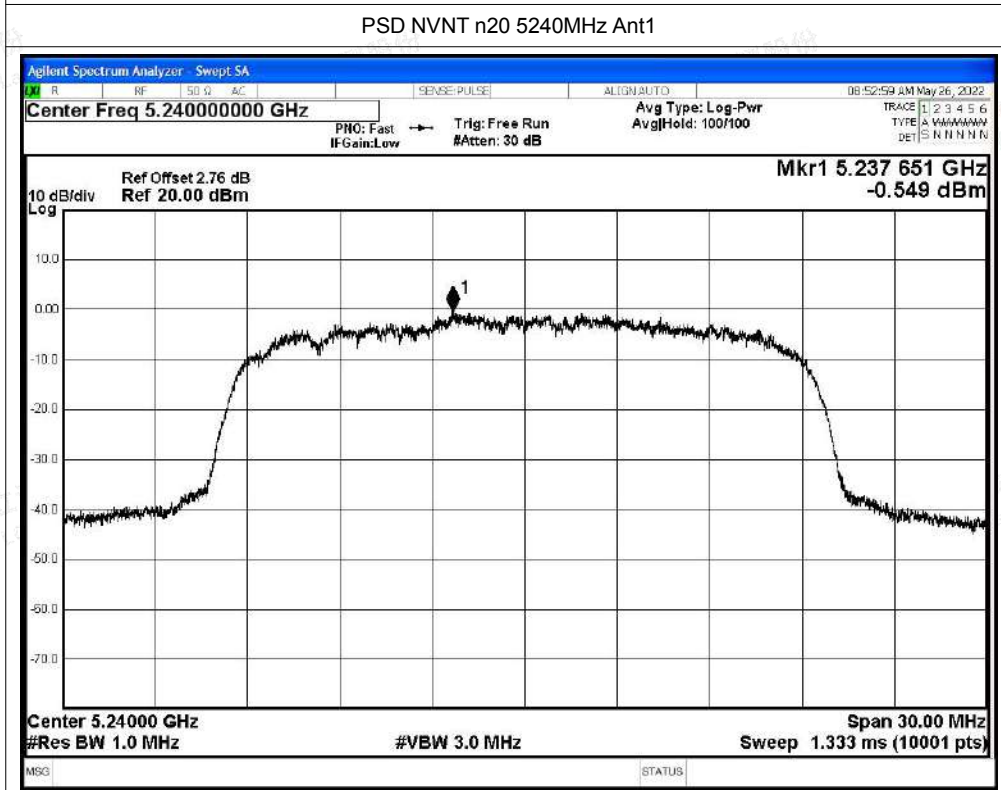
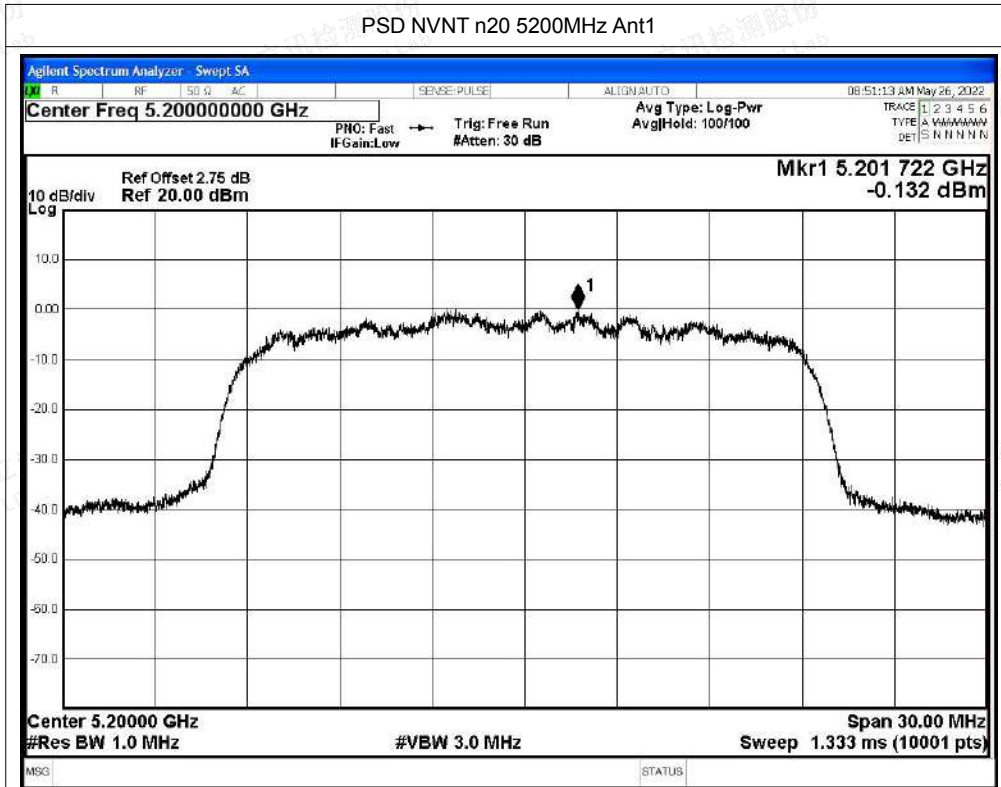


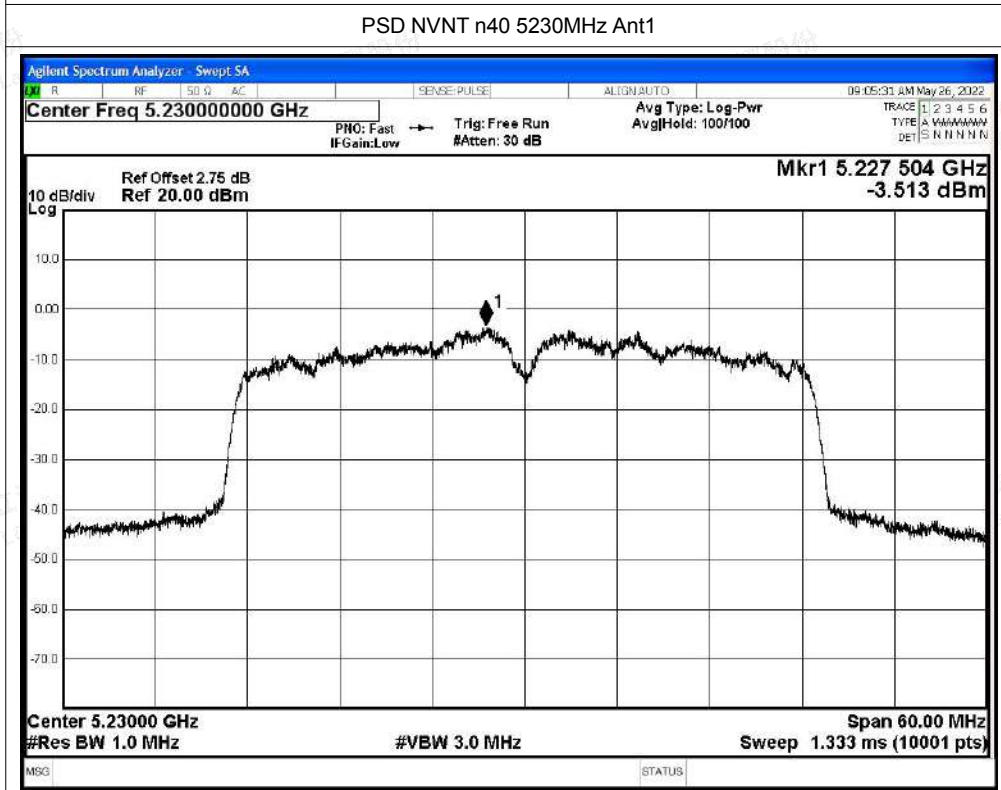
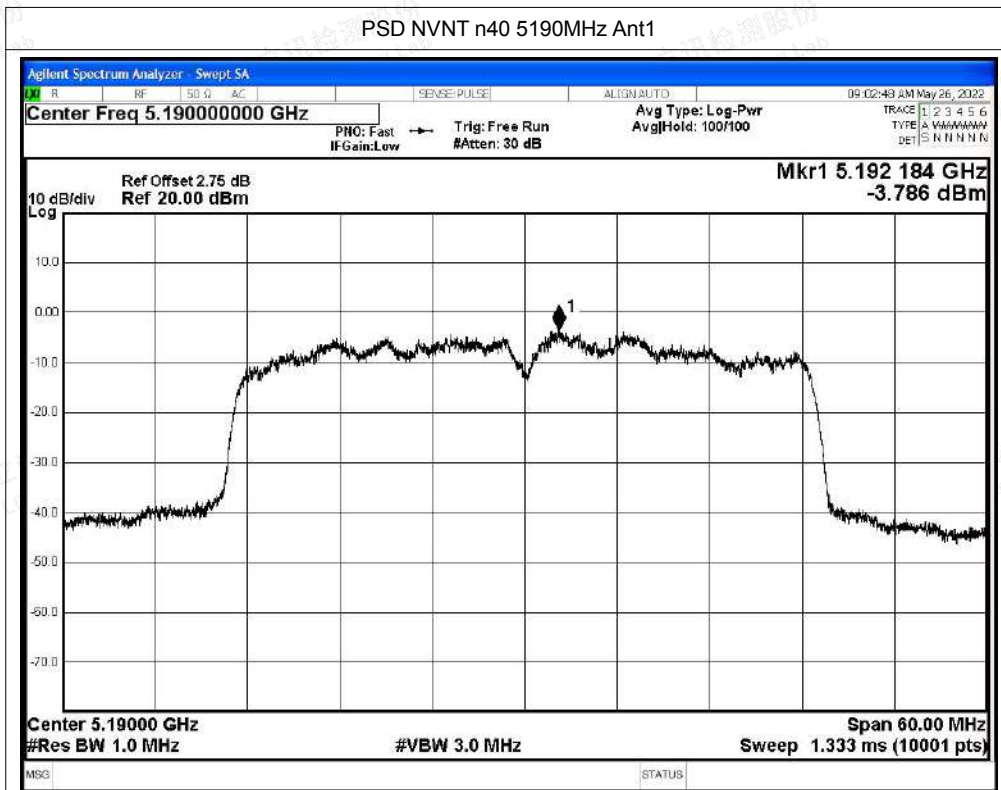
PSD NVNT a 5240MHz Ant1



PSD NVNT n20 5180MHz Ant1

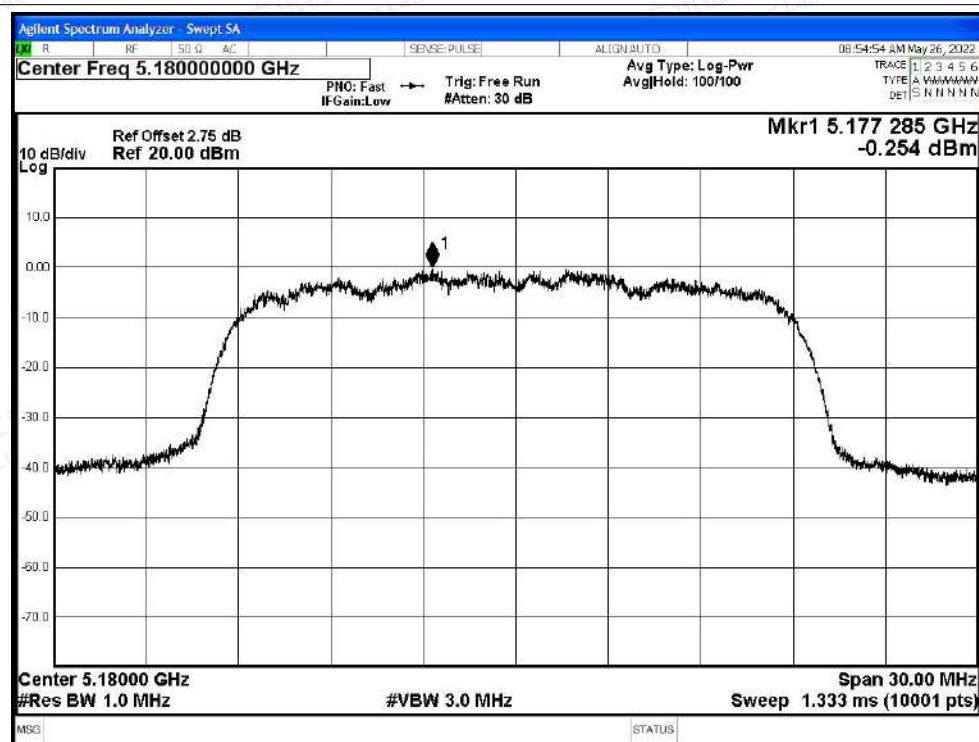




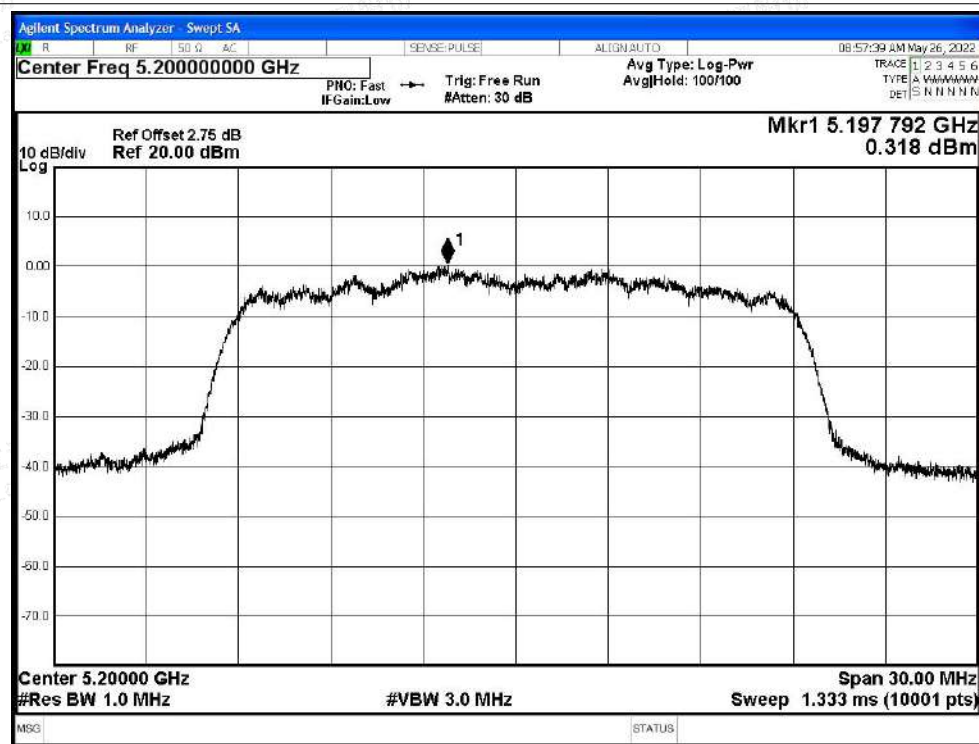




PSD NVNT ac20 5180MHz Ant1

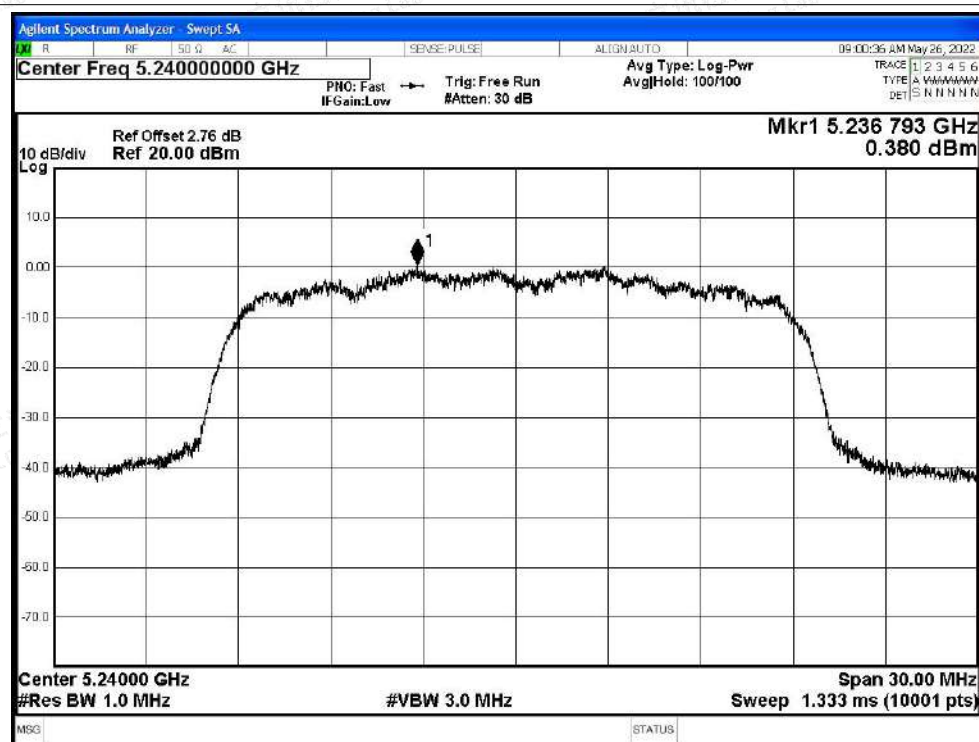


PSD NVNT ac20 5200MHz Ant1

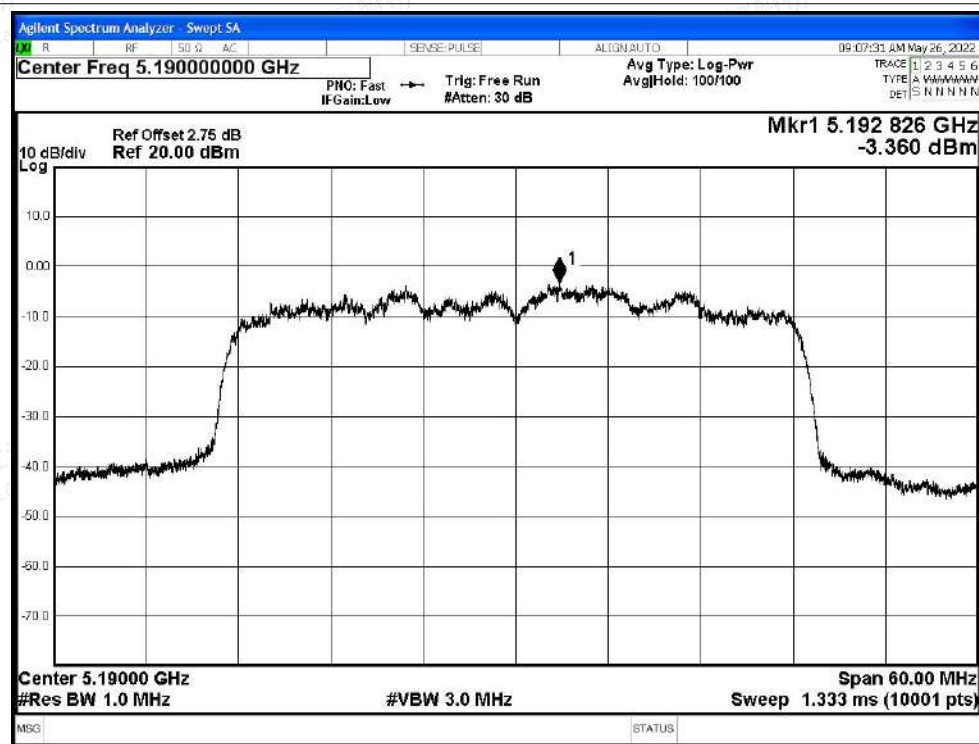




PSD NVNT ac20 5240MHz Ant1

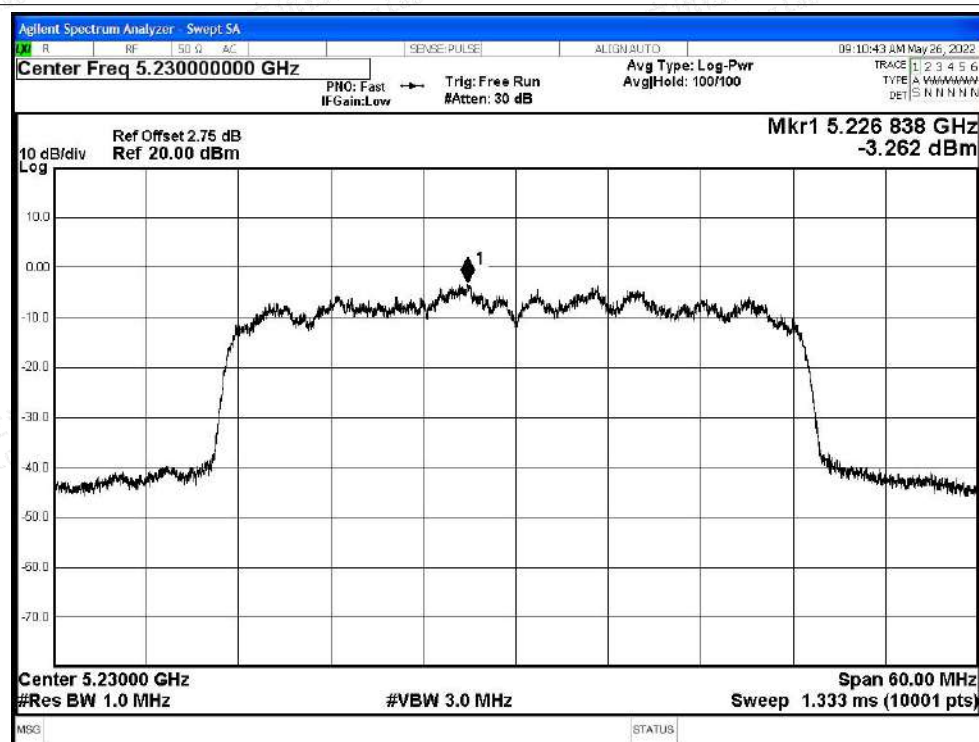


PSD NVNT ac40 5190MHz Ant1

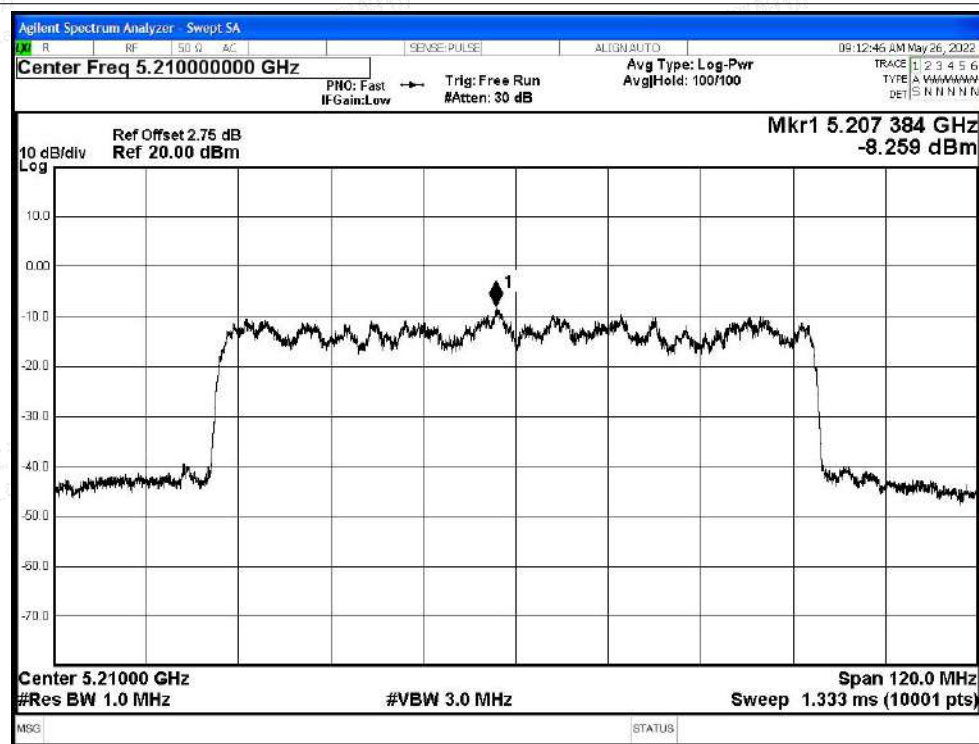




PSD NVNT ac40 5230MHz Ant1



PSD NVNT ac80 5210MHz Ant1





D.4 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5180	Ant0	4500	-52.34	2	44.89	Peak	68.2	Pass
NVNT	a	5180	Ant0	4500	-60.76	2	36.47	Average	54	Pass
NVNT	a	5180	Ant0	5149.6	-40.17	2	57.06	Peak	68.2	Pass
NVNT	a	5180	Ant0	5149.6	-52.83	2	44.4	Average	54	Pass
NVNT	a	5180	Ant0	5150	-40.79	2	56.44	Peak	68.2	Pass
NVNT	a	5180	Ant0	5150	-52.4	2	44.83	Average	54	Pass
NVNT	a	5240	Ant0	5350	-48.55	2	48.68	Peak	68.2	Pass
NVNT	a	5240	Ant0	5350	-57.02	2	40.21	Average	54	Pass
NVNT	a	5240	Ant0	5367.84	-45.55	2	51.68	Peak	68.2	Pass
NVNT	a	5240	Ant0	5364.72	-56.76	2	40.47	Average	54	Pass
NVNT	a	5240	Ant0	5460	-50.19	2	47.04	Peak	68.2	Pass
NVNT	a	5240	Ant0	5460	-58.79	2	38.44	Average	54	Pass
NVNT	n20	5180	Ant0	4500	-50.77	2	46.46	Peak	68.2	Pass
NVNT	n20	5180	Ant0	4500	-60.46	2	36.77	Average	54	Pass
NVNT	n20	5180	Ant0	5149.6	-39.05	2	58.18	Peak	68.2	Pass
NVNT	n20	5180	Ant0	5149.6	-51.38	2	45.85	Average	54	Pass
NVNT	n20	5180	Ant0	5150	-38.29	2	58.94	Peak	68.2	Pass
NVNT	n20	5180	Ant0	5150	-50.82	2	46.41	Average	54	Pass
NVNT	n20	5240	Ant0	5350	-47	2	50.23	Peak	68.2	Pass
NVNT	n20	5240	Ant0	5350	-55.87	2	41.36	Average	54	Pass
NVNT	n20	5240	Ant0	5351.28	-44.37	2	52.86	Peak	68.2	Pass
NVNT	n20	5240	Ant0	5355.36	-55.81	2	41.42	Average	54	Pass
NVNT	n20	5240	Ant0	5460	-48.89	2	48.34	Peak	68.2	Pass
NVNT	n20	5240	Ant0	5460	-58.64	2	38.59	Average	54	Pass
NVNT	n40	5190	Ant0	4500	-52.45	2	44.78	Peak	68.2	Pass
NVNT	n40	5190	Ant0	4500	-60.44	2	36.79	Average	54	Pass
NVNT	n40	5190	Ant0	5144.59	-32.82	2	64.41	Peak	68.2	Pass
NVNT	n40	5190	Ant0	5149.7	-50.77	2	46.46	Average	54	Pass
NVNT	n40	5190	Ant0	5150	-32.08	2	65.15	Peak	68.2	Pass
NVNT	n40	5190	Ant0	5150	-50.44	2	46.79	Average	54	Pass
NVNT	n40	5230	Ant0	5350	-46.34	2	50.89	Peak	68.2	Pass
NVNT	n40	5230	Ant0	5350	-55.9	2	41.33	Average	54	Pass
NVNT	n40	5230	Ant0	5404.92	-45.13	2	52.1	Peak	68.2	Pass
NVNT	n40	5230	Ant0	5352	-55.61	2	41.62	Average	54	Pass
NVNT	n40	5230	Ant0	5460	-48.12	2	49.11	Peak	68.2	Pass
NVNT	n40	5230	Ant0	5460	-58.43	2	38.8	Average	54	Pass
NVNT	ac20	5180	Ant0	4500	-51.02	2	46.21	Peak	68.2	Pass



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NVNT	ac20	5180	Ant0	4500	-60.53	2	36.7	Average	54	Pass
NVNT	ac20	5180	Ant0	5147.5	-34.9	2	62.33	Peak	68.2	Pass
NVNT	ac20	5180	Ant0	5149.6	-52.03	2	45.2	Average	54	Pass
NVNT	ac20	5180	Ant0	5150	-39.2	2	58.03	Peak	68.2	Pass
NVNT	ac20	5180	Ant0	5150	-51.51	2	45.72	Average	54	Pass
NVNT	ac20	5240	Ant0	5350	-47.11	2	50.12	Peak	68.2	Pass
NVNT	ac20	5240	Ant0	5350	-56.97	2	40.26	Average	54	Pass
NVNT	ac20	5240	Ant0	5419.44	-45.12	2	52.11	Peak	68.2	Pass
NVNT	ac20	5240	Ant0	5358.72	-56.68	2	40.55	Average	54	Pass
NVNT	ac20	5240	Ant0	5460	-47.87	2	49.36	Peak	68.2	Pass
NVNT	ac20	5240	Ant0	5460	-58.79	2	38.44	Average	54	Pass
NVNT	ac40	5190	Ant0	4500	-52.79	2	44.44	Peak	68.2	Pass
NVNT	ac40	5190	Ant0	4500	-60.29	2	36.94	Average	54	Pass
NVNT	ac40	5190	Ant0	5146.78	-35.36	2	61.87	Peak	68.2	Pass
NVNT	ac40	5190	Ant0	5149.7	-51.16	2	46.07	Average	54	Pass
NVNT	ac40	5190	Ant0	5150	-41.9	2	55.33	Peak	68.2	Pass
NVNT	ac40	5190	Ant0	5150	-50.32	2	46.91	Average	54	Pass
NVNT	ac40	5230	Ant0	5350	-47.58	2	49.65	Peak	68.2	Pass
NVNT	ac40	5230	Ant0	5350	-55.96	2	41.27	Average	54	Pass
NVNT	ac40	5230	Ant0	5356.05	-43.47	2	53.76	Peak	68.2	Pass
NVNT	ac40	5230	Ant0	5354.97	-55.74	2	41.49	Average	54	Pass
NVNT	ac40	5230	Ant0	5460	-49.75	2	47.48	Peak	68.2	Pass
NVNT	ac40	5230	Ant0	5460	-58.34	2	38.89	Average	54	Pass
NVNT	ac80	5210	Ant0	5350	-44.07	2	53.16	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5350	-53.91	2	43.32	Average	54	Pass
NVNT	ac80	5210	Ant0	5355.39	-39.43	2	57.8	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5350.11	-53.91	2	43.32	Average	54	Pass
NVNT	ac80	5210	Ant0	5460	-49.72	2	47.51	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5460	-57.87	2	39.36	Average	54	Pass
NVNT	ac80	5210	Ant0	4500	-51.64	2	45.59	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	4500	-59.98	2	37.25	Average	54	Pass
NVNT	ac80	5210	Ant0	5132.79	-44	2	53.23	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5149.38	-52.87	2	44.36	Average	54	Pass
NVNT	ac80	5210	Ant0	5150	-43.74	2	53.49	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5150	-52.51	2	44.72	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	-50.66	2	46.57	Peak	68.2	Pass
NVNT	a	5180	Ant1	4500	-60.79	2	36.44	Average	54	Pass
NVNT	a	5180	Ant1	5147.5	-37.59	2	59.64	Peak	68.2	Pass
NVNT	a	5180	Ant1	5149.6	-52.39	2	44.84	Average	54	Pass
NVNT	a	5180	Ant1	5150	-43.58	2	53.65	Peak	68.2	Pass
NVNT	a	5180	Ant1	5150	-51.88	2	45.35	Average	54	Pass
NVNT	a	5240	Ant1	5350	-46.47	2	50.76	Peak	68.2	Pass
NVNT	a	5240	Ant1	5350	-56.24	2	40.99	Average	54	Pass
NVNT	a	5240	Ant1	5360.4	-44.28	2	52.95	Peak	68.2	Pass
NVNT	a	5240	Ant1	5356.8	-55.98	2	41.25	Average	54	Pass
NVNT	a	5240	Ant1	5460	-50.33	2	46.9	Peak	68.2	Pass
NVNT	a	5240	Ant1	5460	-58.59	2	38.64	Average	54	Pass
NVNT	n20	5180	Ant1	4500	-51.53	2	45.7	Peak	68.2	Pass
NVNT	n20	5180	Ant1	4500	-60.61	2	36.62	Average	54	Pass
NVNT	n20	5180	Ant1	5146.8	-37.53	2	59.7	Peak	68.2	Pass
NVNT	n20	5180	Ant1	5149.6	-51.75	2	45.48	Average	54	Pass
NVNT	n20	5180	Ant1	5150	-38.87	2	58.36	Peak	68.2	Pass
NVNT	n20	5180	Ant1	5150	-51.18	2	46.05	Average	54	Pass
NVNT	n20	5240	Ant1	5350	-48.27	2	48.96	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5350	-56.87	2	40.36	Average	54	Pass
NVNT	n20	5240	Ant1	5377.2	-45.59	2	51.64	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5365.68	-56.66	2	40.57	Average	54	Pass
NVNT	n20	5240	Ant1	5460	-49.13	2	48.1	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5460	-58.9	2	38.33	Average	54	Pass
NVNT	n40	5190	Ant1	4500	-51.14	2	46.09	Peak	68.2	Pass
NVNT	n40	5190	Ant1	4500	-60.57	2	36.66	Average	54	Pass
NVNT	n40	5190	Ant1	5144.59	-32.08	2	65.15	Peak	68.2	Pass
NVNT	n40	5190	Ant1	5149.7	-51.12	2	46.11	Average	54	Pass
NVNT	n40	5190	Ant1	5150	-40.86	2	56.37	Peak	68.2	Pass
NVNT	n40	5190	Ant1	5150	-50.58	2	46.65	Average	54	Pass
NVNT	n40	5230	Ant1	5350	-45.57	2	51.66	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5350	-56.05	2	41.18	Average	54	Pass
NVNT	n40	5230	Ant1	5367.12	-44.98	2	52.25	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5351.73	-55.7	2	41.53	Average	54	Pass
NVNT	n40	5230	Ant1	5460	-49.44	2	47.79	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5460	-58.4	2	38.83	Average	54	Pass
NVNT	ac20	5180	Ant1	4500	-50.53	2	46.7	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	4500	-60.72	2	36.51	Average	54	Pass
NVNT	ac20	5180	Ant1	5148.9	-38.47	2	58.76	Peak	68.2	Pass





NVNT	ac20	5180	Ant1	5149.6	-51.61	2	45.62	Average	54	Pass
NVNT	ac20	5180	Ant1	5150	-38.6	2	58.63	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	5150	-51.2	2	46.03	Average	54	Pass
NVNT	ac20	5240	Ant1	5350	-45.04	2	52.19	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5350	-55.95	2	41.28	Average	54	Pass
NVNT	ac20	5240	Ant1	5379.6	-44.02	2	53.21	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5362.32	-55.51	2	41.72	Average	54	Pass
NVNT	ac20	5240	Ant1	5460	-49.44	2	47.79	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5460	-58.36	2	38.87	Average	54	Pass
NVNT	ac40	5190	Ant1	4500	-50.65	2	46.58	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	4500	-60.54	2	36.69	Average	54	Pass
NVNT	ac40	5190	Ant1	5149.7	-38.26	2	58.97	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	5148.97	-51.33	2	45.9	Average	54	Pass
NVNT	ac40	5190	Ant1	5150	-39.94	2	57.29	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	5150	-50.61	2	46.62	Average	54	Pass
NVNT	ac40	5230	Ant1	5350	-45.47	2	51.76	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5350	-56.04	2	41.19	Average	54	Pass
NVNT	ac40	5230	Ant1	5360.64	-44.58	2	52.65	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5359.02	-55.74	2	41.49	Average	54	Pass
NVNT	ac40	5230	Ant1	5460	-48.52	2	48.71	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5460	-58.18	2	39.05	Average	54	Pass
NVNT	ac80	5210	Ant1	5350	-43.28	2	53.95	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5350	-53.85	2	43.38	Average	54	Pass
NVNT	ac80	5210	Ant1	5353.08	-42.86	2	54.37	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5350.11	-53.85	2	43.38	Average	54	Pass
NVNT	ac80	5210	Ant1	5460	-50.19	2	47.04	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5460	-58.4	2	38.83	Average	54	Pass
NVNT	ac80	5210	Ant1	4500	-49.87	2	47.36	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	4500	-59.69	2	37.54	Average	54	Pass
NVNT	ac80	5210	Ant1	5146.22	-42.31	2	54.92	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5149.38	-52.74	2	44.49	Average	54	Pass
NVNT	ac80	5210	Ant1	5150	-45.01	2	52.22	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5150	-52.62	2	44.61	Average	54	Pass





MIMO

Condition	Mode	Frequency (MHz)	Spur Freq (MHz)	Power (dBm)			E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
				Ant0	Ant1	Ant0+Ant1				
NVNT	n20	5180	4500	-50.77	-51.53	-48.12	47.10	Peak	68.2	Pass
NVNT	n20	5180	4500	-60.46	-60.61	-57.52	37.70	Average	54	Pass
NVNT	n20	5180	5149.6	-39.05	-37.53	-35.21	60.01	Peak	68.2	Pass
NVNT	n20	5180	5149.6	-51.38	-51.75	-48.55	46.68	Average	54	Pass
NVNT	n20	5180	5150	-38.29	-38.87	-35.56	59.67	Peak	68.2	Pass
NVNT	n20	5180	5150	-50.82	-51.18	-47.99	47.24	Average	54	Pass
NVNT	n20	5240	5350	-47	-48.27	-44.58	50.65	Peak	68.2	Pass
NVNT	n20	5240	5350	-55.87	-56.87	-53.33	41.90	Average	54	Pass
NVNT	n20	5240	5351.28	-44.37	-45.59	-41.93	53.30	Peak	68.2	Pass
NVNT	n20	5240	5355.36	-55.81	-56.66	-53.20	42.02	Average	54	Pass
NVNT	n20	5240	5460	-48.89	-49.13	-46.00	49.23	Peak	68.2	Pass
NVNT	n20	5240	5460	-58.64	-58.9	-55.76	39.47	Average	54	Pass
NVNT	n40	5190	4500	-52.45	-51.14	-48.74	46.49	Peak	68.2	Pass
NVNT	n40	5190	4500	-60.44	-60.57	-57.49	37.74	Average	54	Pass
NVNT	n40	5190	5144.59	-32.82	-32.08	-29.42	65.81	Peak	68.2	Pass
NVNT	n40	5190	5149.7	-50.77	-51.12	-47.93	47.30	Average	54	Pass
NVNT	n40	5190	5150	-32.08	-40.86	-31.54	63.69	Peak	68.2	Pass
NVNT	n40	5190	5150	-50.44	-50.58	-47.50	47.73	Average	54	Pass
NVNT	n40	5230	5350	-46.34	-45.57	-42.93	52.30	Peak	68.2	Pass
NVNT	n40	5230	5350	-55.9	-56.05	-52.96	42.26	Average	54	Pass
NVNT	n40	5230	5404.92	-45.13	-44.98	-42.04	53.18	Peak	68.2	Pass
NVNT	n40	5230	5352	-55.61	-55.7	-52.64	42.58	Average	54	Pass
NVNT	n40	5230	5460	-48.12	-49.44	-45.72	49.51	Peak	68.2	Pass
NVNT	n40	5230	5460	-58.43	-58.4	-55.40	39.82	Average	54	Pass
NVNT	ac20	5180	4500	-51.02	-50.53	-47.76	47.47	Peak	68.2	Pass
NVNT	ac20	5180	4500	-60.53	-60.72	-57.61	37.61	Average	54	Pass
NVNT	ac20	5180	5147.5	-34.9	-38.47	-33.32	61.91	Peak	68.2	Pass
NVNT	ac20	5180	5149.6	-52.03	-51.61	-48.80	46.42	Average	54	Pass
NVNT	ac20	5180	5150	-39.2	-38.6	-35.88	59.35	Peak	68.2	Pass
NVNT	ac20	5180	5150	-51.51	-51.2	-48.34	46.89	Average	54	Pass
NVNT	ac20	5240	5350	-47.11	-45.04	-42.94	52.29	Peak	68.2	Pass
NVNT	ac20	5240	5350	-56.97	-55.95	-53.42	41.81	Average	54	Pass
NVNT	ac20	5240	5419.44	-45.12	-44.02	-41.52	53.70	Peak	68.2	Pass
NVNT	ac20	5240	5358.72	-56.68	-55.51	-53.05	42.18	Average	54	Pass
NVNT	ac20	5240	5460	-47.87	-49.44	-45.57	49.65	Peak	68.2	Pass
NVNT	ac20	5240	5460	-58.79	-58.36	-55.56	39.67	Average	54	Pass
NVNT	ac40	5190	4500	-52.79	-50.65	-48.58	46.65	Peak	68.2	Pass
NVNT	ac40	5190	4500	-60.29	-60.54	-57.40	37.83	Average	54	Pass



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NVNT	ac40	5190	5146.78	-35.36	-38.26	-33.56	61.67	Peak	68.2	Pass
NVNT	ac40	5190	5149.7	-51.16	-51.33	-48.23	47.00	Average	54	Pass
NVNT	ac40	5190	5150	-41.9	-39.94	-37.80	57.43	Peak	68.2	Pass
NVNT	ac40	5190	5150	-50.32	-50.61	-47.45	47.78	Average	54	Pass
NVNT	ac40	5230	5350	-47.58	-45.47	-43.39	51.84	Peak	68.2	Pass
NVNT	ac40	5230	5350	-55.96	-56.04	-52.99	42.24	Average	54	Pass
NVNT	ac40	5230	5356.05	-43.47	-44.58	-40.98	54.25	Peak	68.2	Pass
NVNT	ac40	5230	5354.97	-55.74	-55.74	-52.73	42.50	Average	54	Pass
NVNT	ac40	5230	5460	-49.75	-48.52	-46.08	49.15	Peak	68.2	Pass
NVNT	ac40	5230	5460	-58.34	-58.18	-55.25	39.98	Average	54	Pass
NVNT	ac80	5210	5350	-44.07	-43.28	-40.65	54.58	Peak	68.2	Pass
NVNT	ac80	5210	5350	-53.91	-53.85	-50.87	44.36	Average	54	Pass
NVNT	ac80	5210	5355.39	-39.43	-42.86	-37.80	57.42	Peak	68.2	Pass
NVNT	ac80	5210	5350.11	-53.91	-53.85	-50.87	44.36	Average	54	Pass
NVNT	ac80	5210	5460	-49.72	-50.19	-46.94	48.29	Peak	68.2	Pass
NVNT	ac80	5210	5460	-57.87	-58.4	-55.12	40.11	Average	54	Pass
NVNT	ac80	5210	4500	-51.64	-49.87	-47.66	47.57	Peak	68.2	Pass
NVNT	ac80	5210	4500	-59.98	-59.69	-56.82	38.41	Average	54	Pass
NVNT	ac80	5210	5132.79	-44	-42.31	-40.06	55.17	Peak	68.2	Pass
NVNT	ac80	5210	5149.38	-52.87	-52.74	-49.79	45.44	Average	54	Pass
NVNT	ac80	5210	5150	-43.74	-45.01	-41.32	53.91	Peak	68.2	Pass
NVNT	ac80	5210	5150	-52.51	-52.62	-49.55	45.68	Average	54	Pass

Note: The Antenna Gain is compensated in the graph

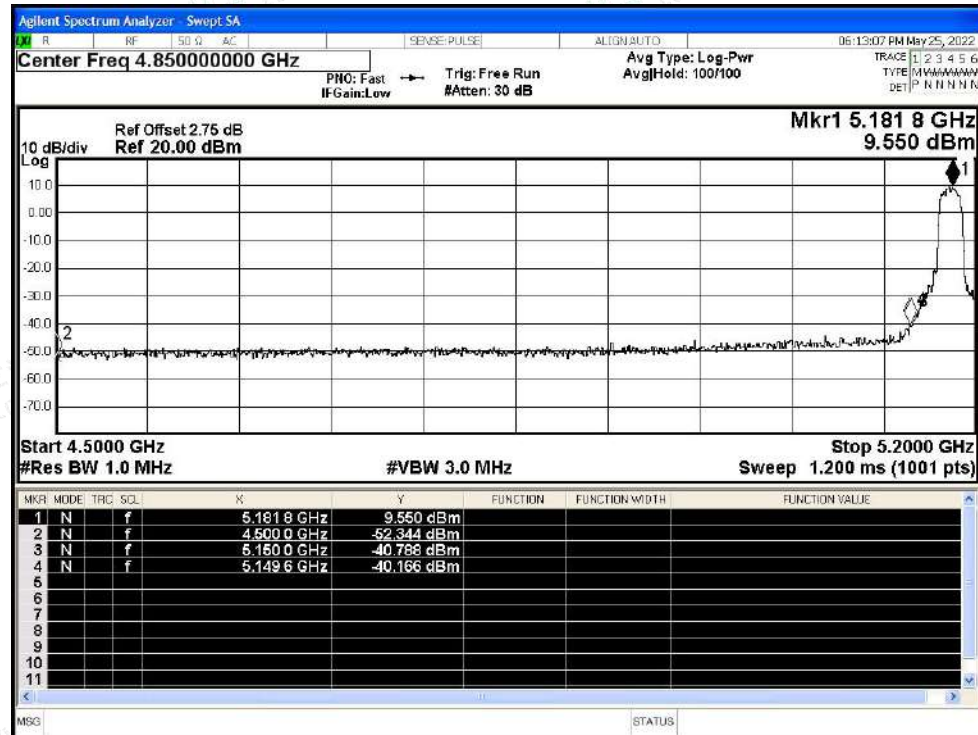


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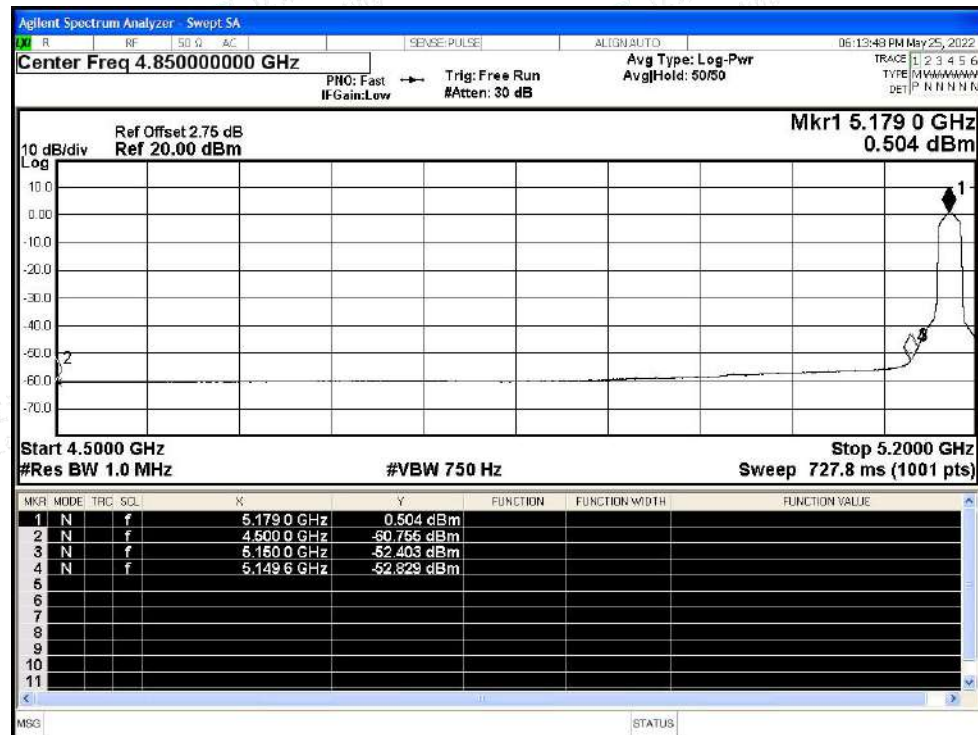


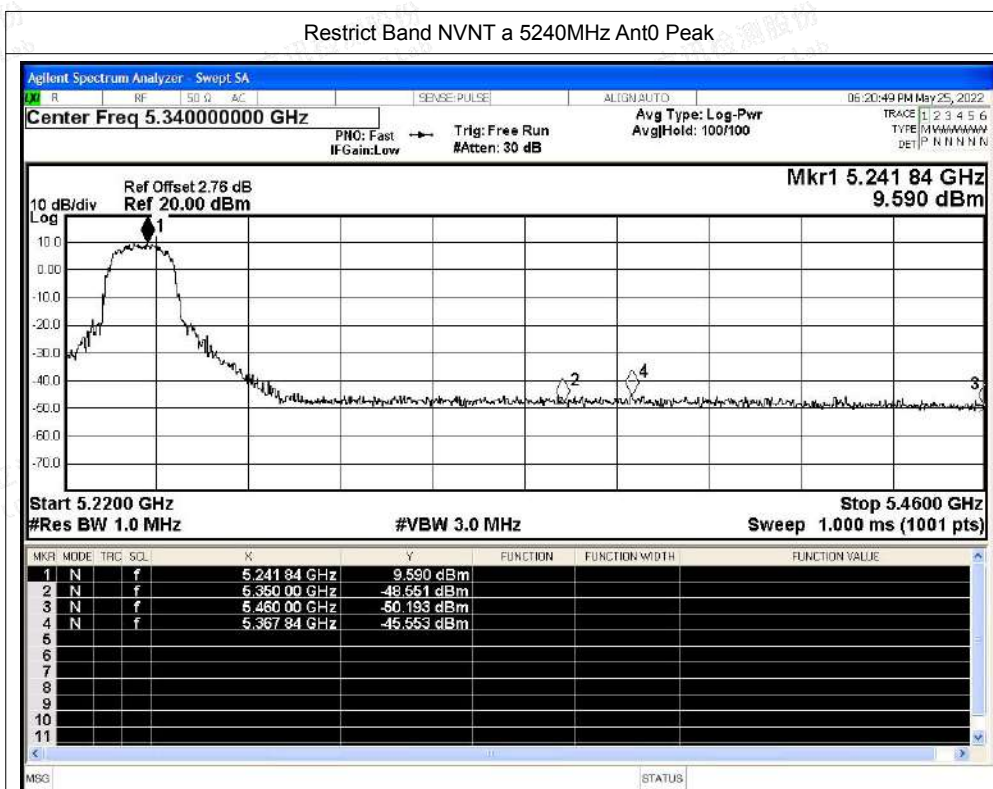
Test Graphs

Restrict Band NVNT a 5180MHz Ant0 Peak

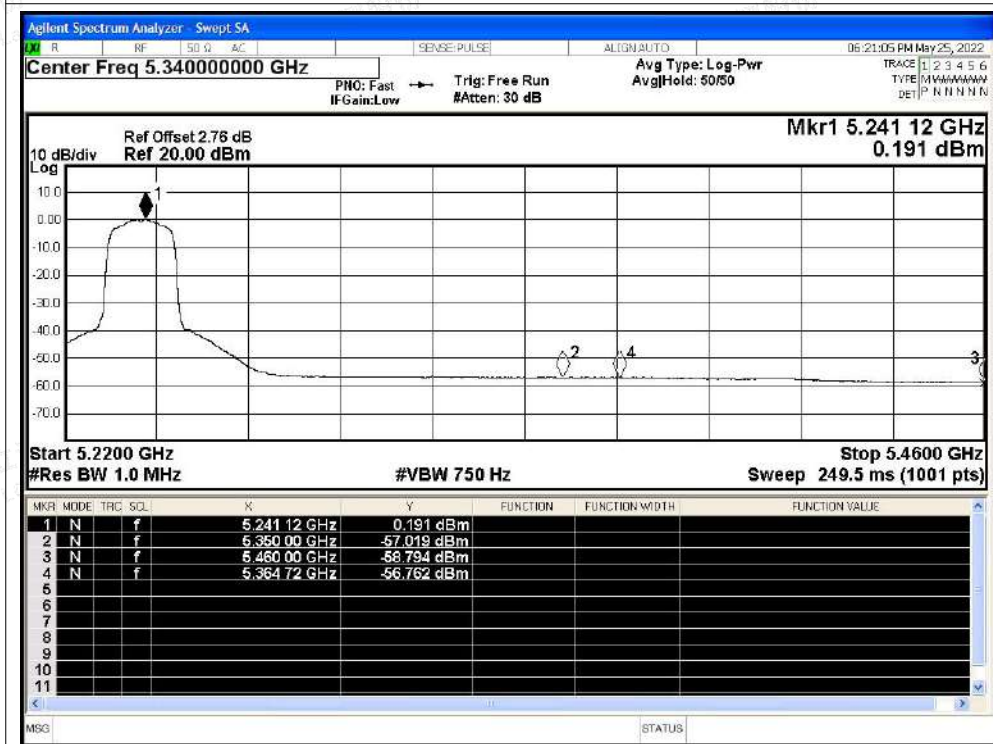


Restrict Band NVNT a 5180MHz Ant0 Average





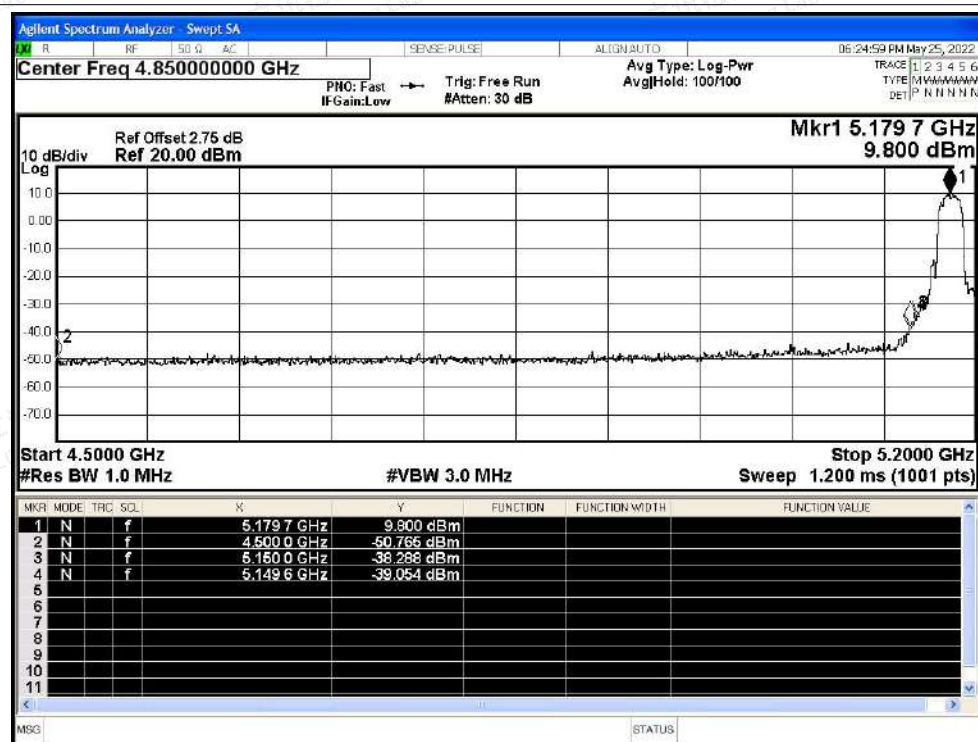
Restrict Band NVNT a 5240MHz Ant0 Average



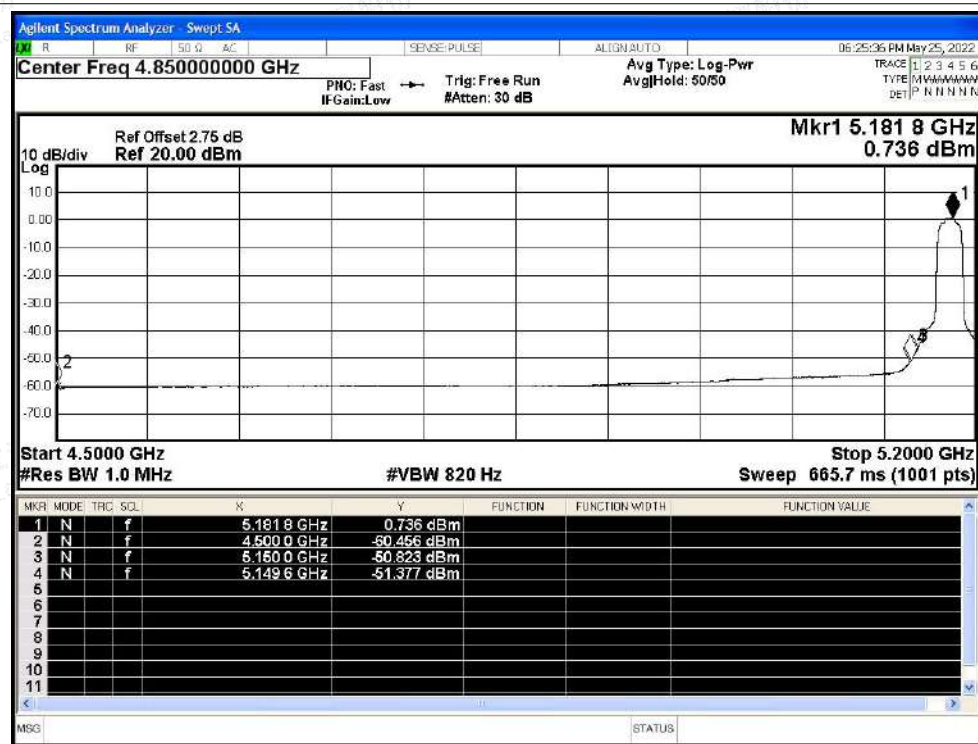
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518000, China
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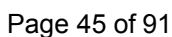


Restrict Band NVNT n20 5180MHz Ant0 Peak



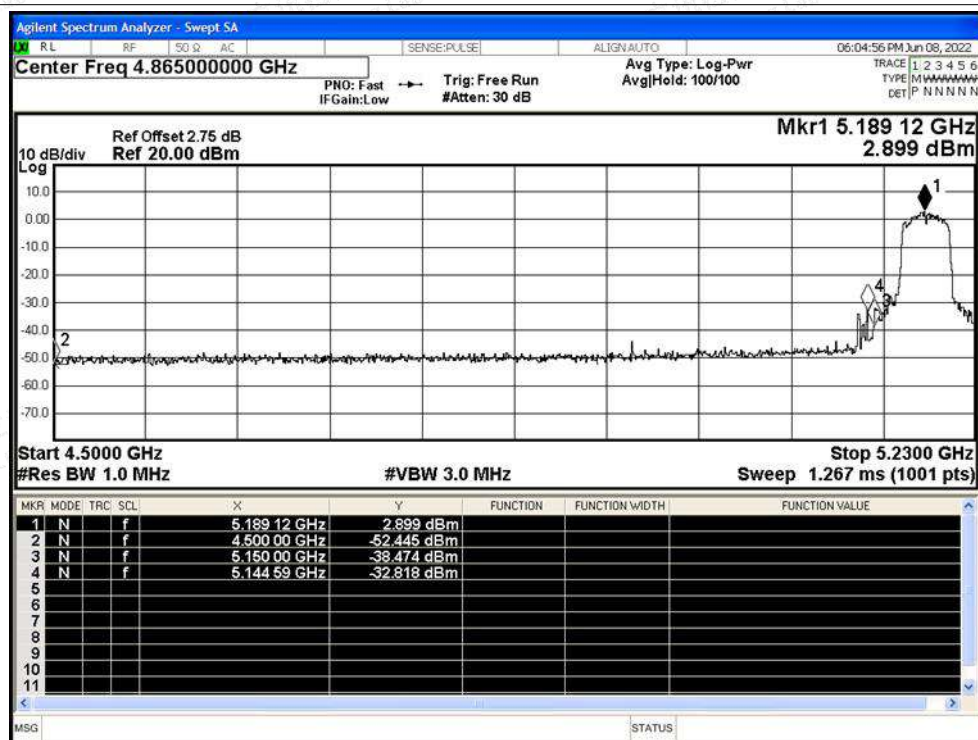
Restrict Band NVNT n20 5180MHz Ant0 Average



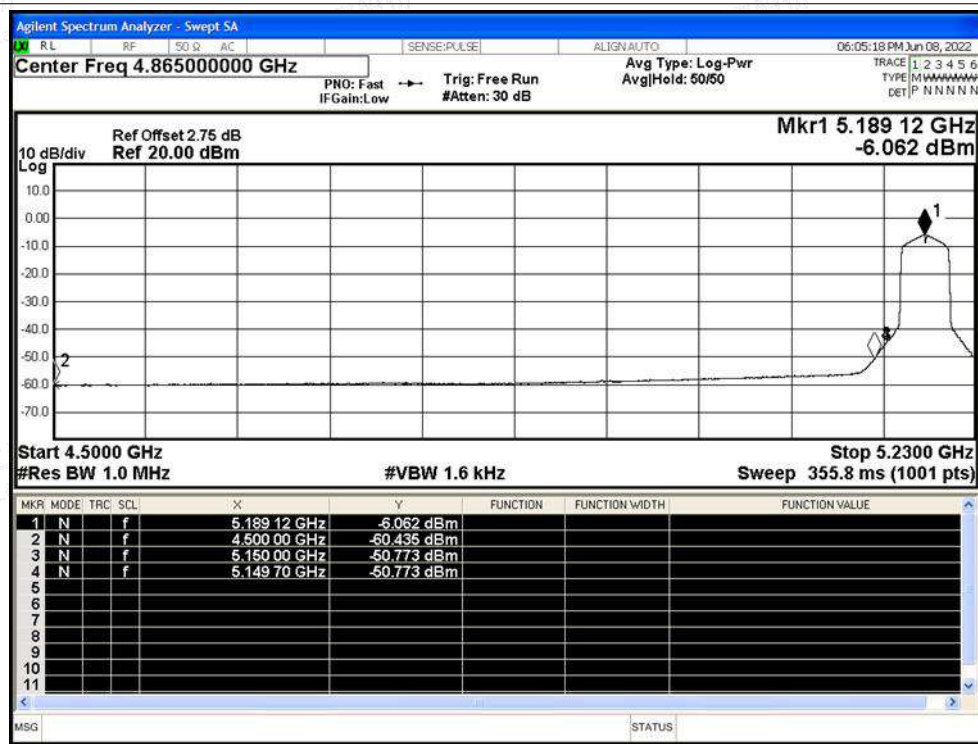


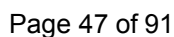


Restrict Band NVNT n40 5190MHz Ant0 Peak



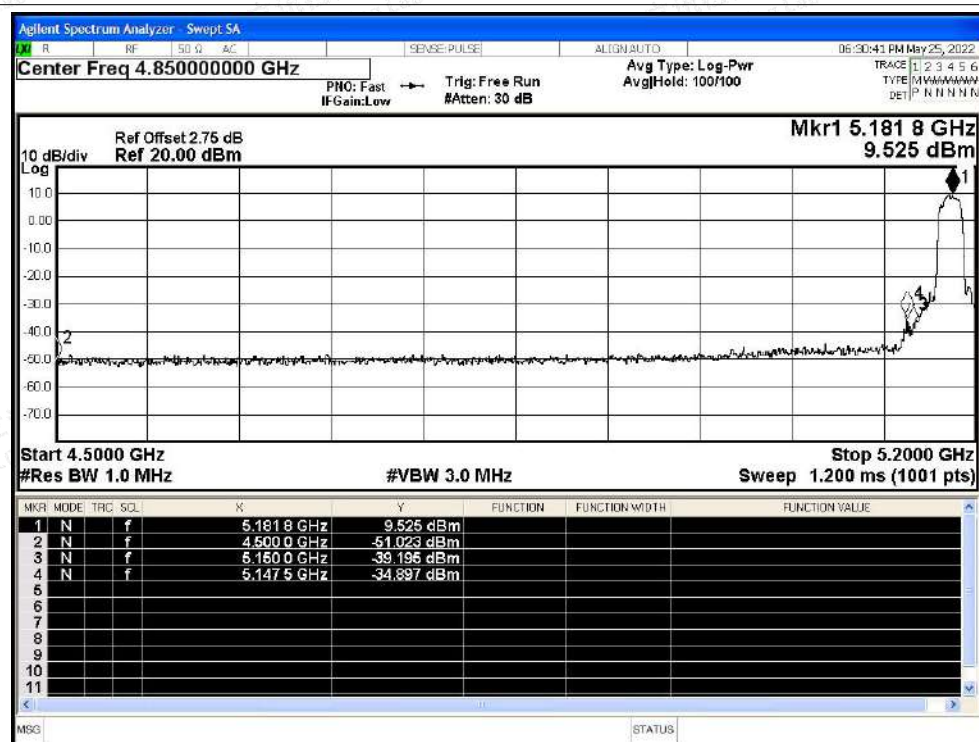
Restrict Band NVNT n40 5190MHz Ant0 Average



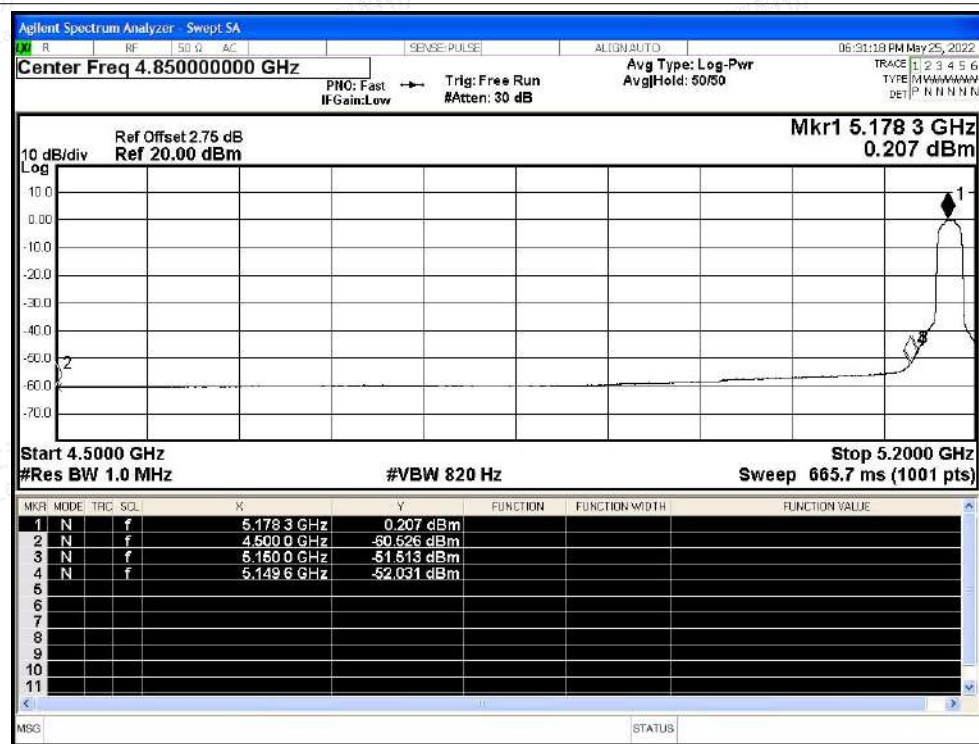




Restrict Band NVNT ac20 5180MHz Ant0 Peak

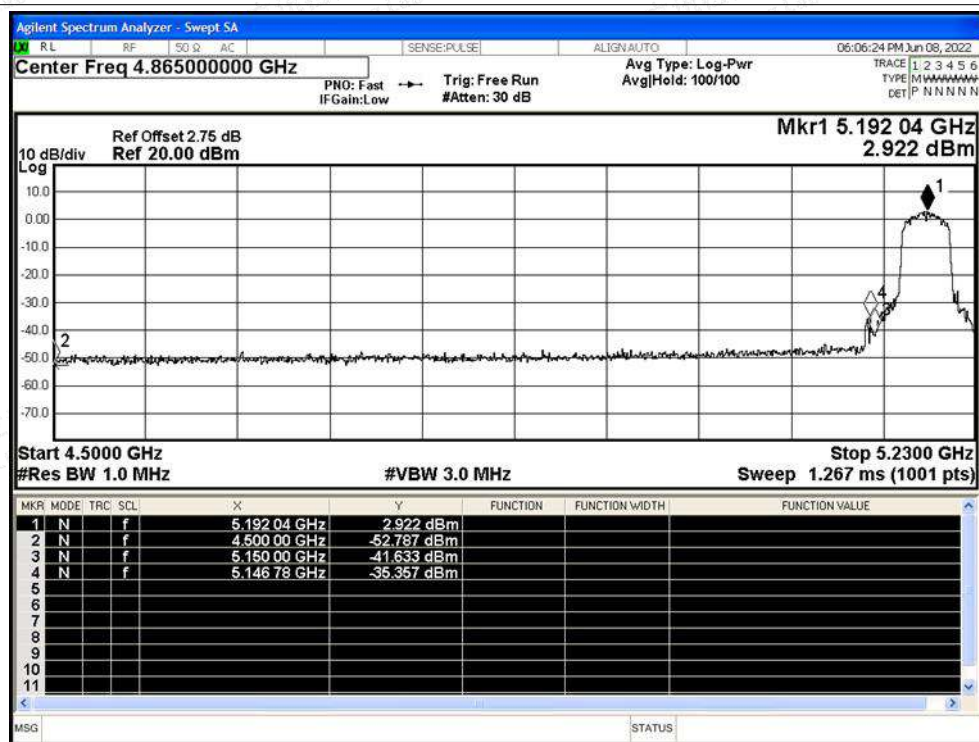


Restrict Band NVNT ac20 5180MHz Ant0 Average

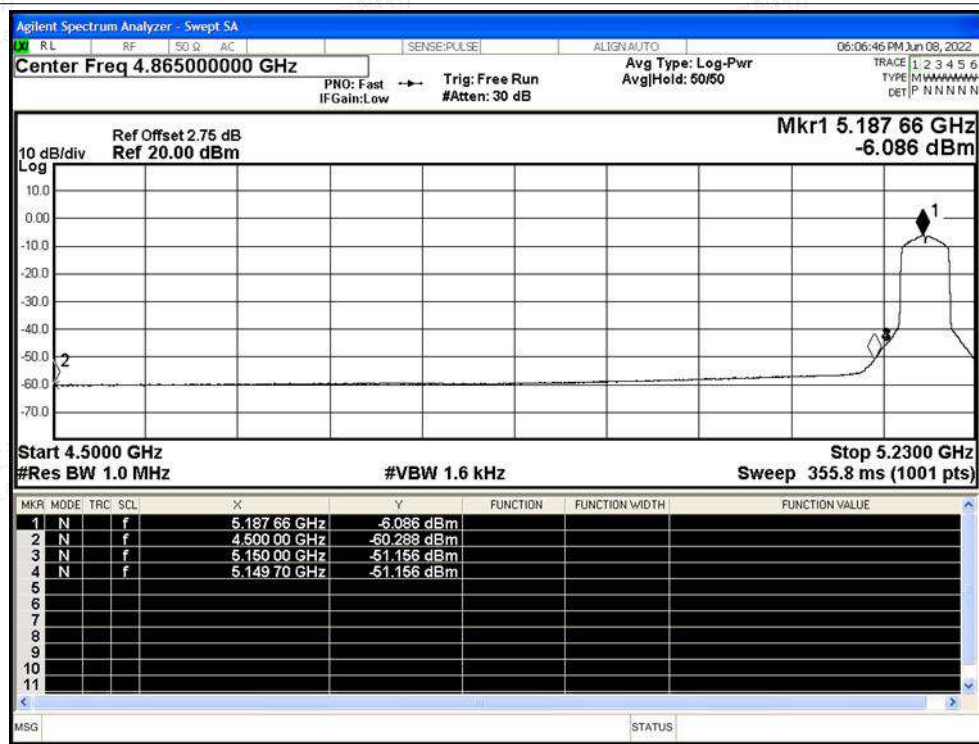




Restrict Band NVNT ac40 5190MHz Ant0 Peak



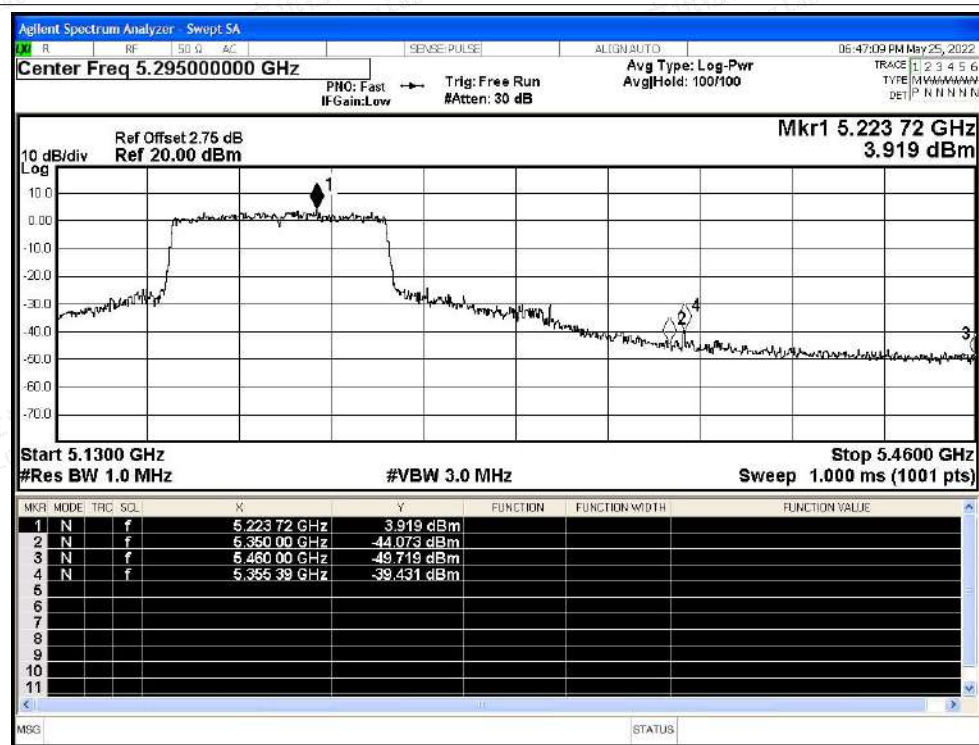
Restrict Band NVNT ac40 5190MHz Ant0 Average



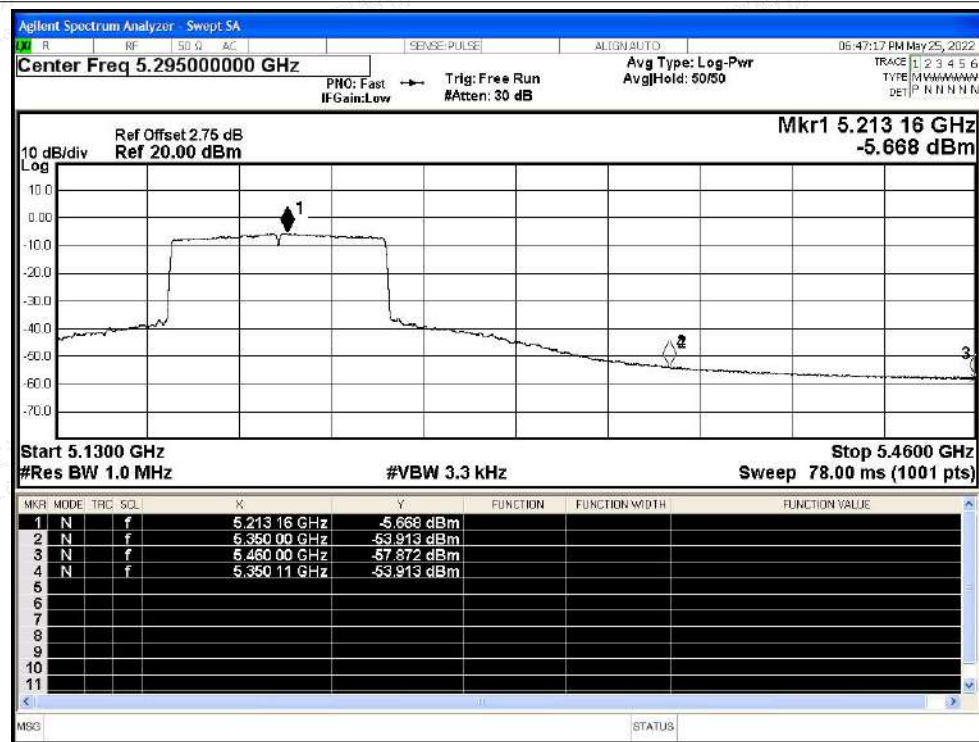
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Restrict Band NVNT ac80 5210MHz Ant0 Peak

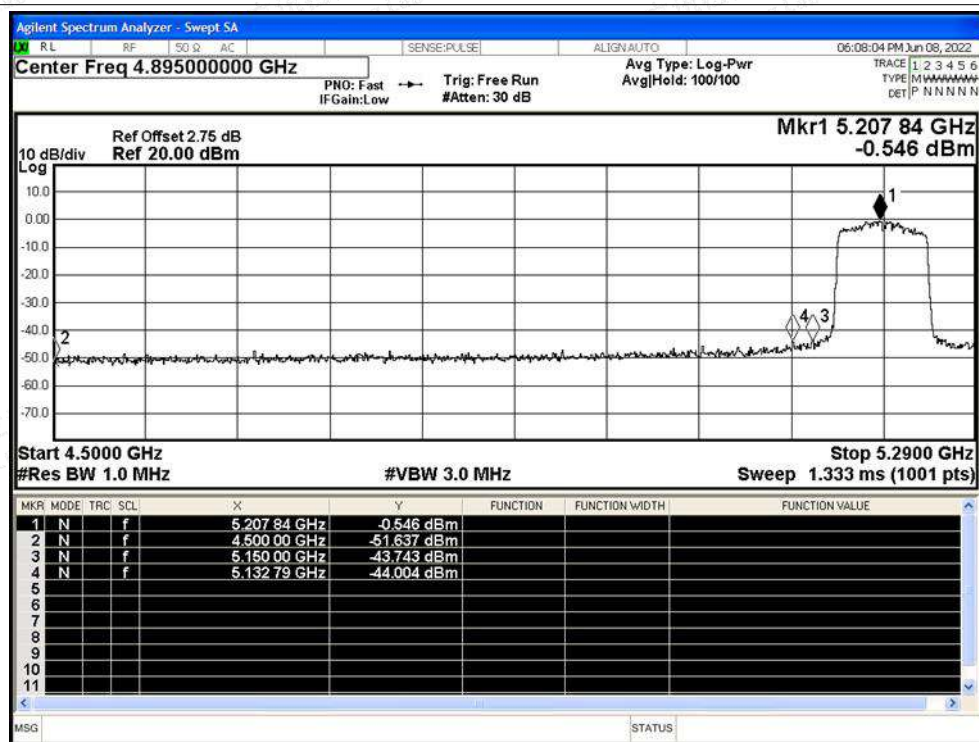


Restrict Band NVNT ac80 5210MHz Ant0 Average

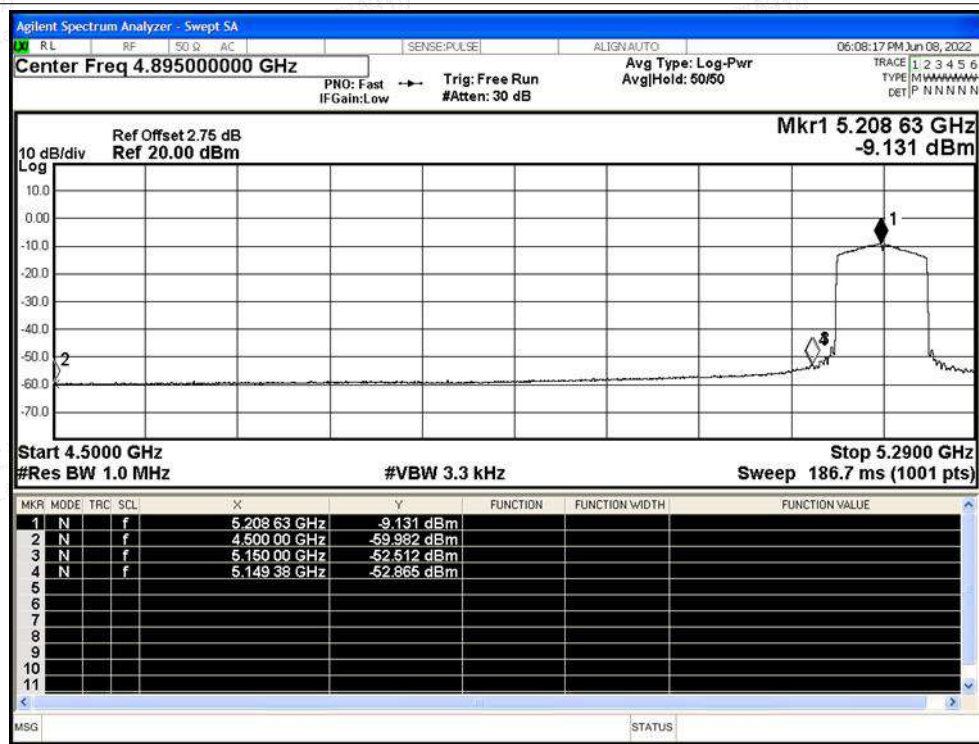




Restrict Band NVNT ac80 5210MHz Ant0 Peak



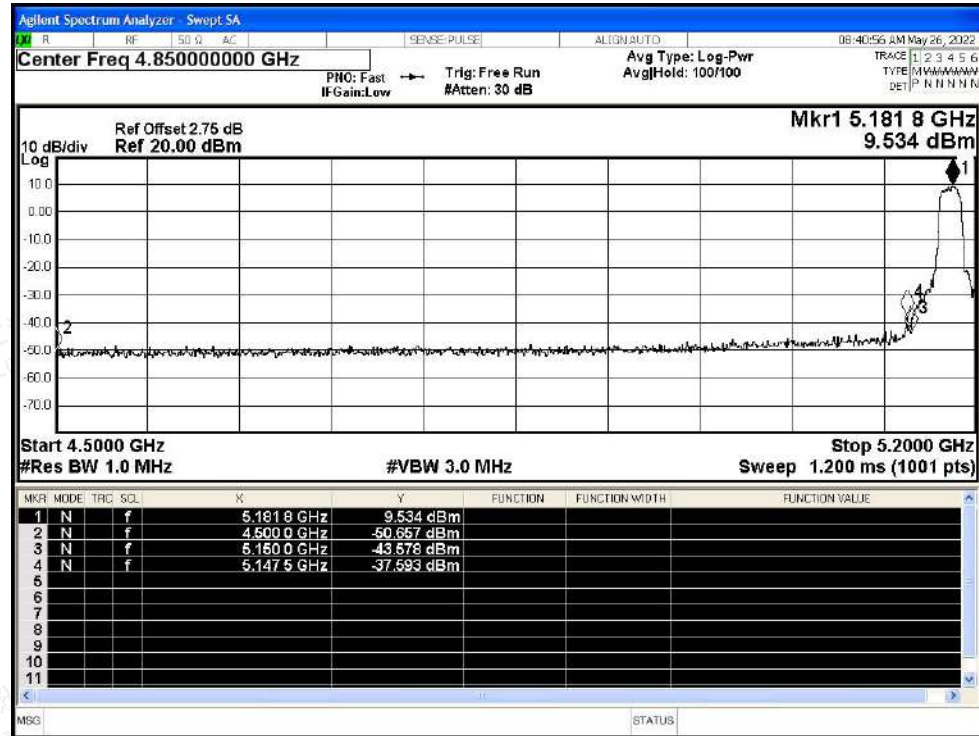
Restrict Band NVNT ac80 5210MHz Ant0 Average



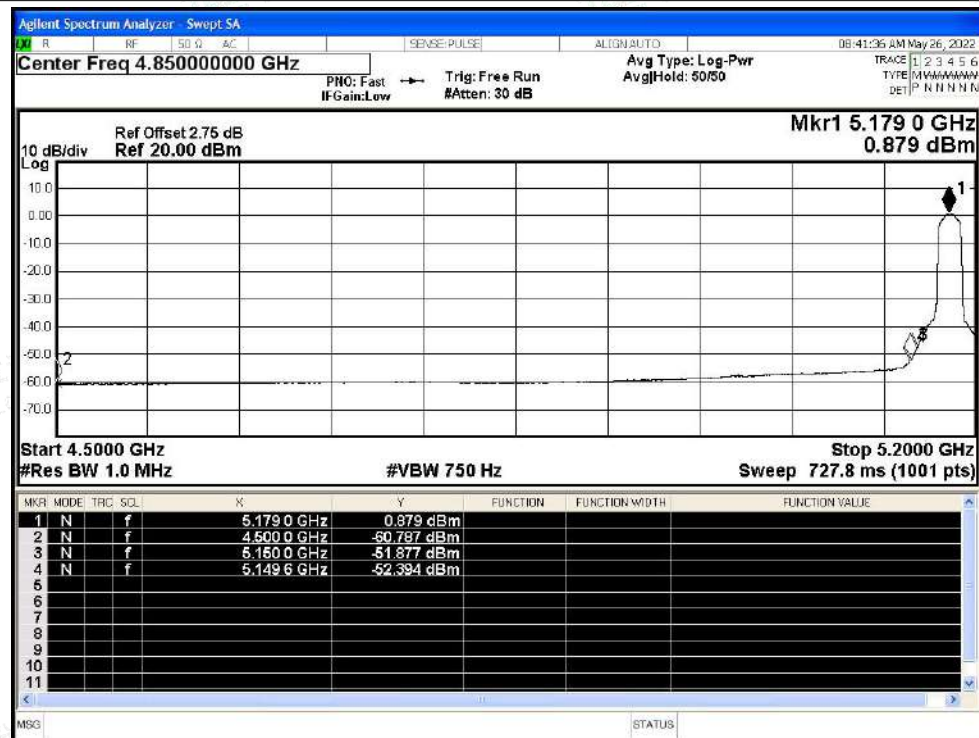


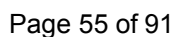
Test Graphs

Restrict Band NVNT a 5180MHz Ant1 Peak



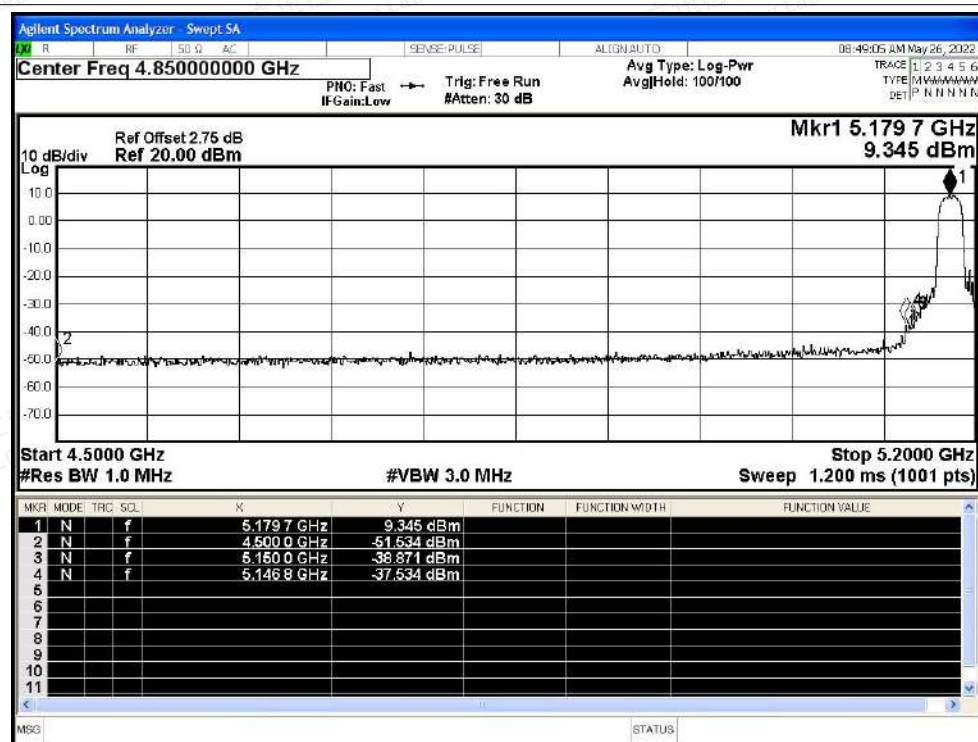
Restrict Band NVNT a 5180MHz Ant1 Average



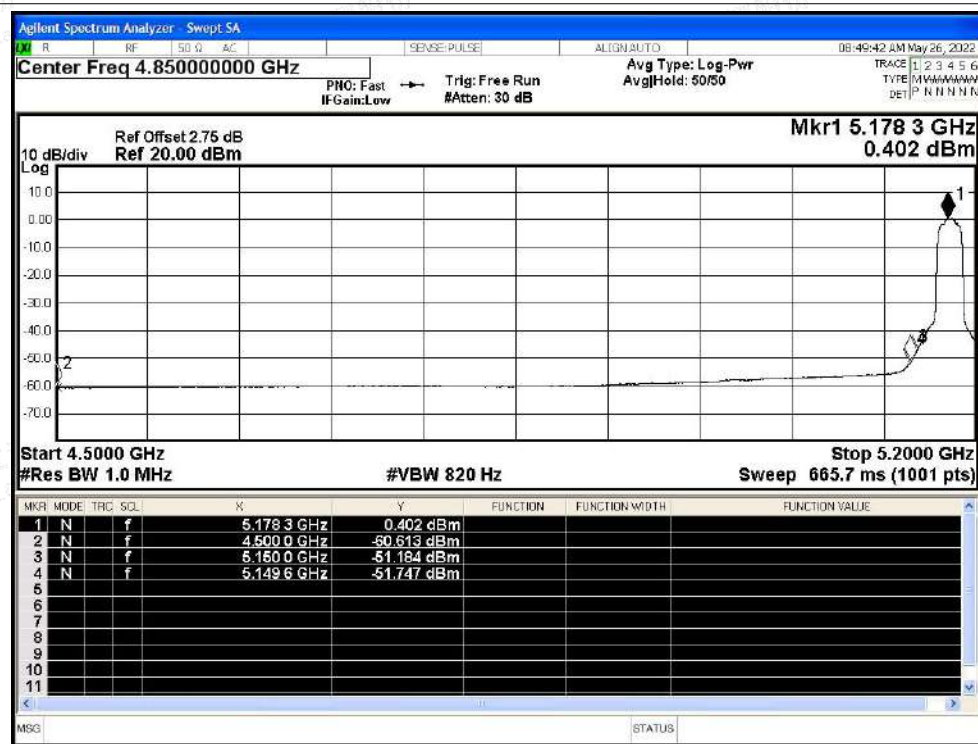




Restrict Band NVNT n20 5180MHz Ant1 Peak



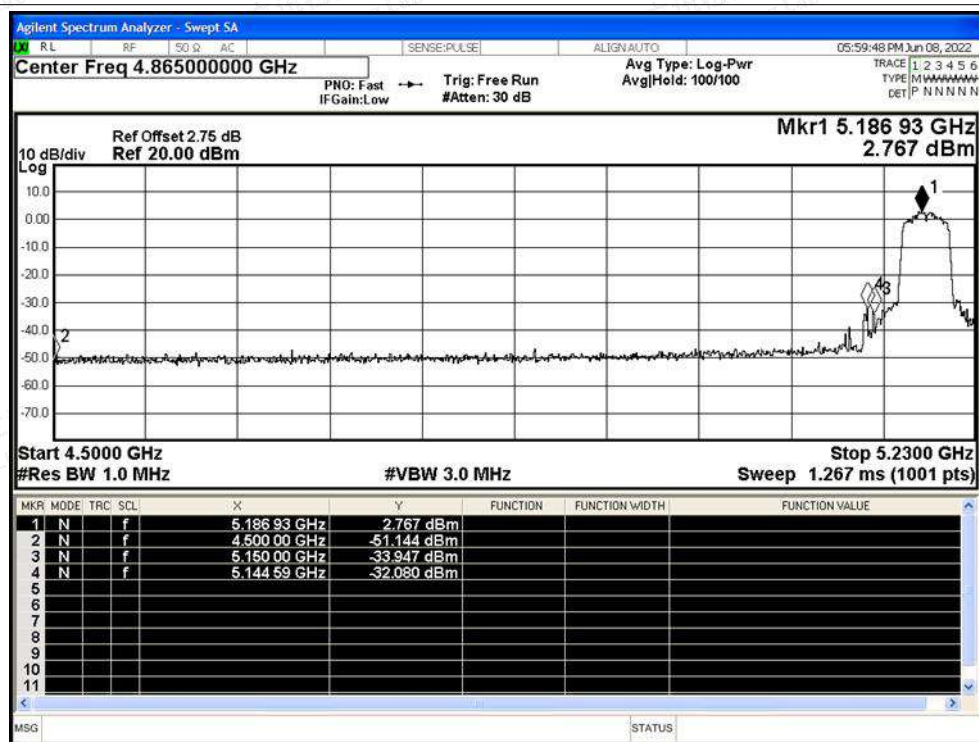
Restrict Band NVNT n20 5180MHz Ant1 Average



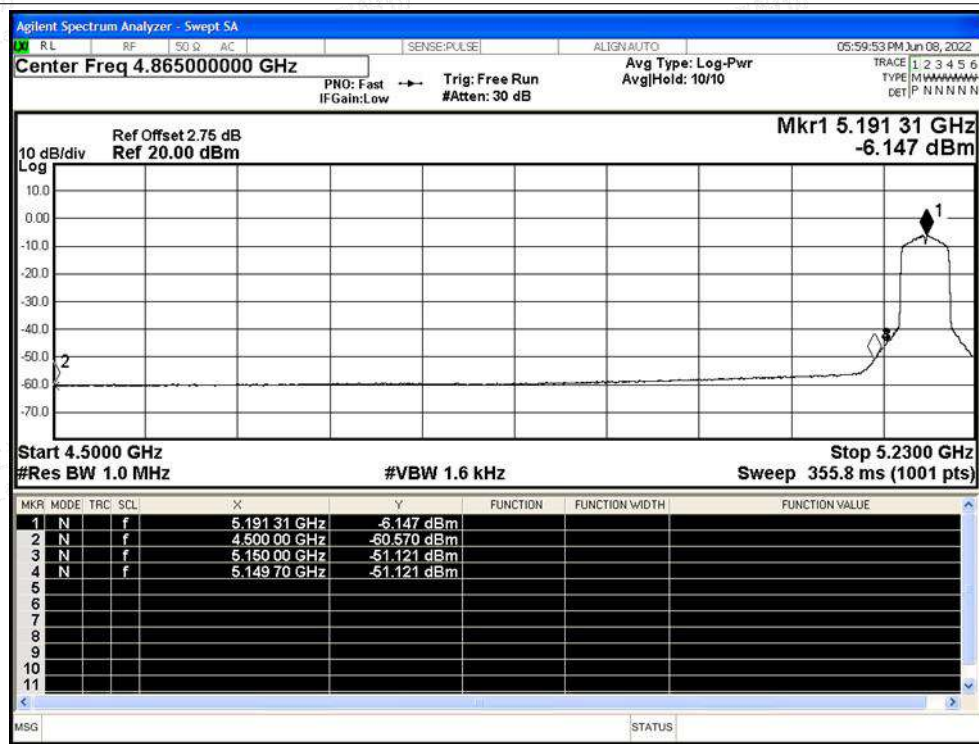
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Restrict Band NVNT n40 5190MHz Ant1 Peak

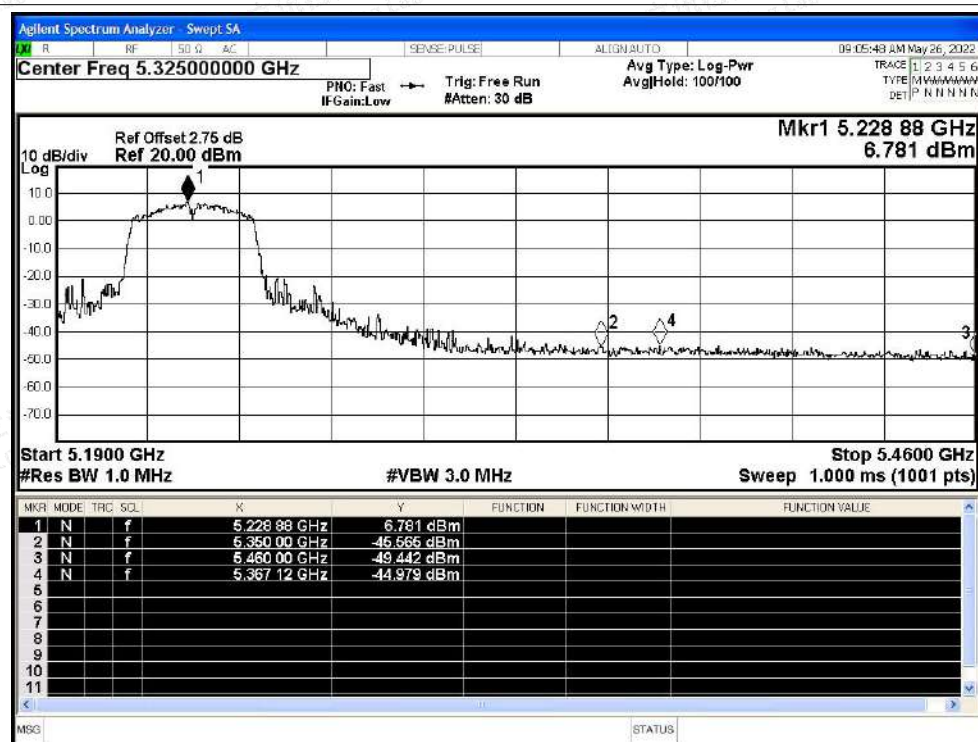


Restrict Band NVNT n40 5190MHz Ant1 Average

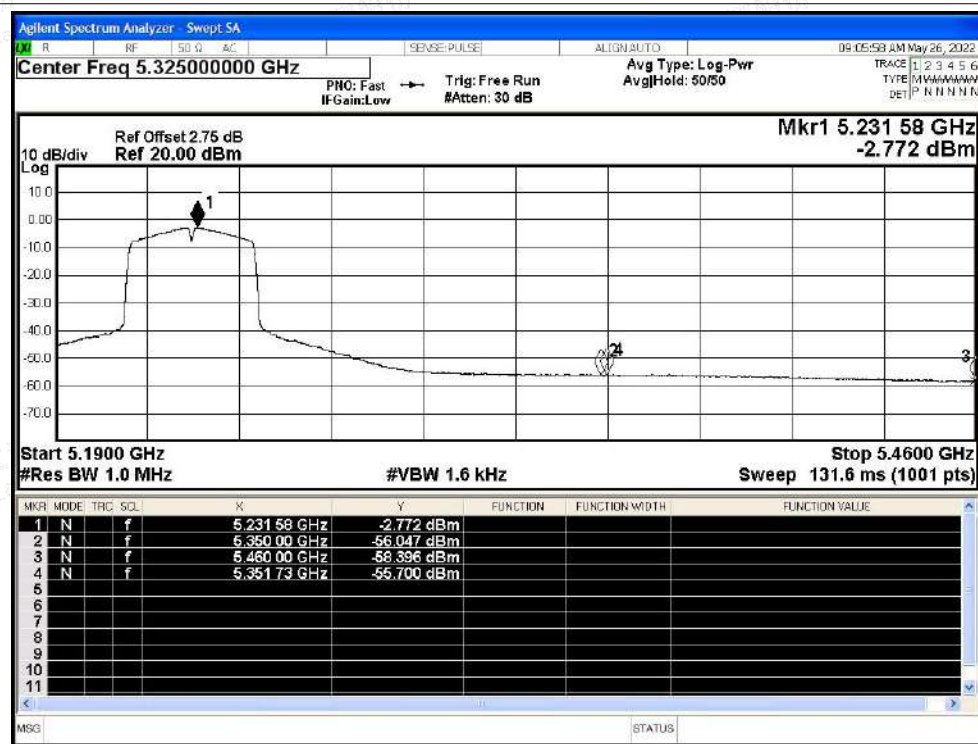




Restrict Band NVNT n40 5230MHz Ant1 Peak

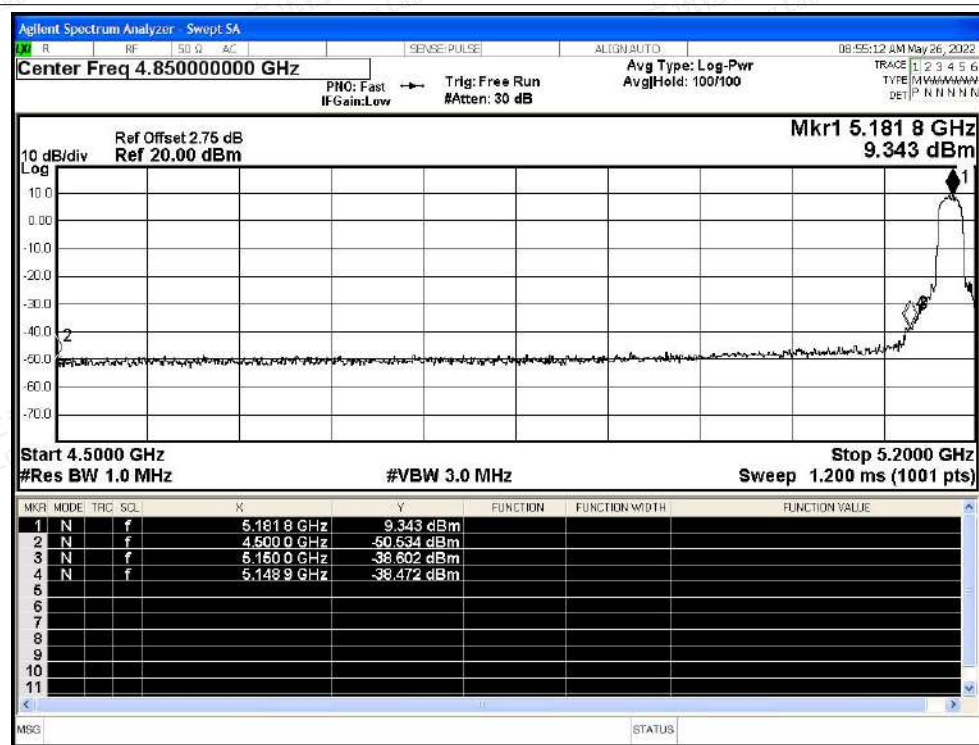


Restrict Band NVNT n40 5230MHz Ant1 Average

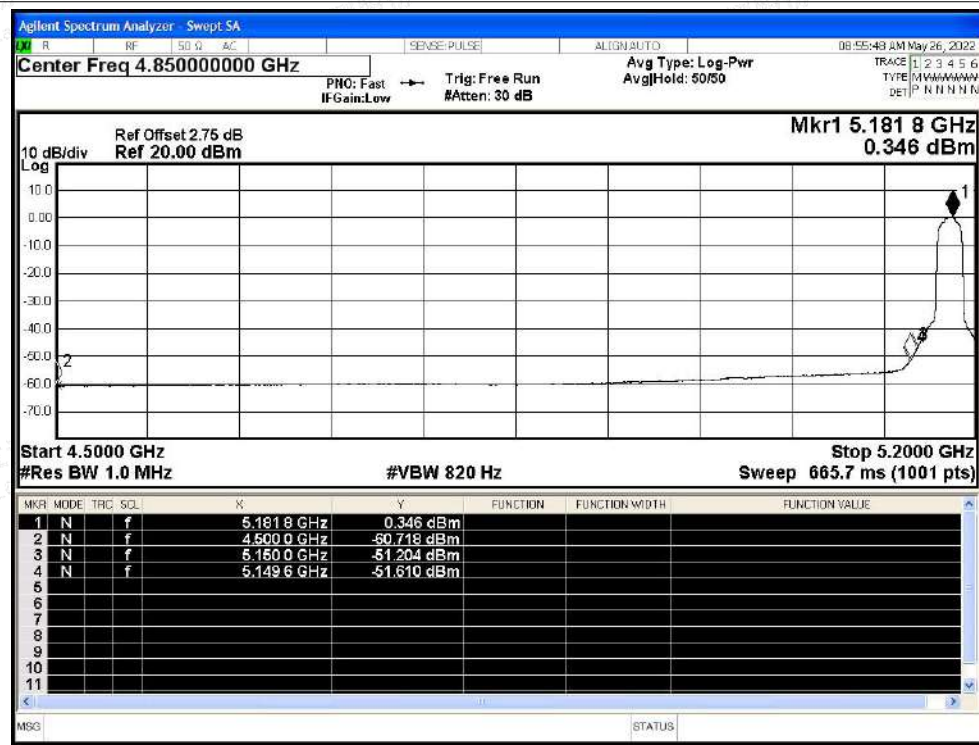




Restrict Band NVNT ac20 5180MHz Ant1 Peak

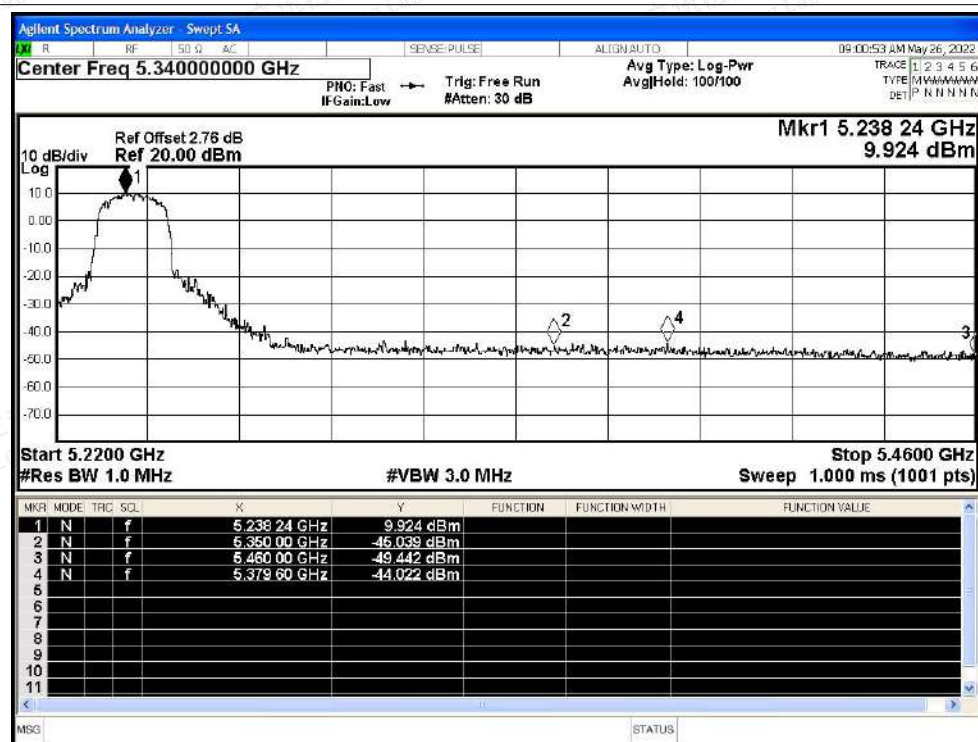


Restrict Band NVNT ac20 5180MHz Ant1 Average





Restrict Band NVNT ac20 5240MHz Ant1 Peak



Restrict Band NVNT ac20 5240MHz Ant1 Average

