



Appendix D

RF Test Data for 5.2GWIFI (Conducted Measurement)

Product Name: NoteBook

Test Model: HT14CB12I5E01

Environmental Conditions

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



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D.1 -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant0	25.618	---	Pass
NVNT	a	5200	Ant0	26.242	---	Pass
NVNT	a	5240	Ant0	25.202	---	Pass
NVNT	n20	5180	Ant0	26.572	---	Pass
NVNT	n20	5200	Ant0	27.133	---	Pass
NVNT	n20	5240	Ant0	26.853	---	Pass
NVNT	n40	5190	Ant0	47.147	---	Pass
NVNT	n40	5230	Ant0	42.002	---	Pass
NVNT	ac20	5180	Ant0	26.94	---	Pass
NVNT	ac20	5200	Ant0	27.995	---	Pass
NVNT	ac20	5240	Ant0	28.054	---	Pass
NVNT	ac40	5190	Ant0	47.879	---	Pass
NVNT	ac40	5230	Ant0	44.861	---	Pass
NVNT	ac80	5210	Ant0	86.957	---	Pass
NVNT	ax20	5180	Ant0	28.186	---	Pass
NVNT	ax20	5200	Ant0	27.709	---	Pass
NVNT	ax20	5240	Ant0	28.551	---	Pass
NVNT	ax40	5190	Ant0	49.783	---	Pass
NVNT	ax40	5230	Ant0	44.088	---	Pass
NVNT	ax80	5210	Ant0	83.089	---	Pass

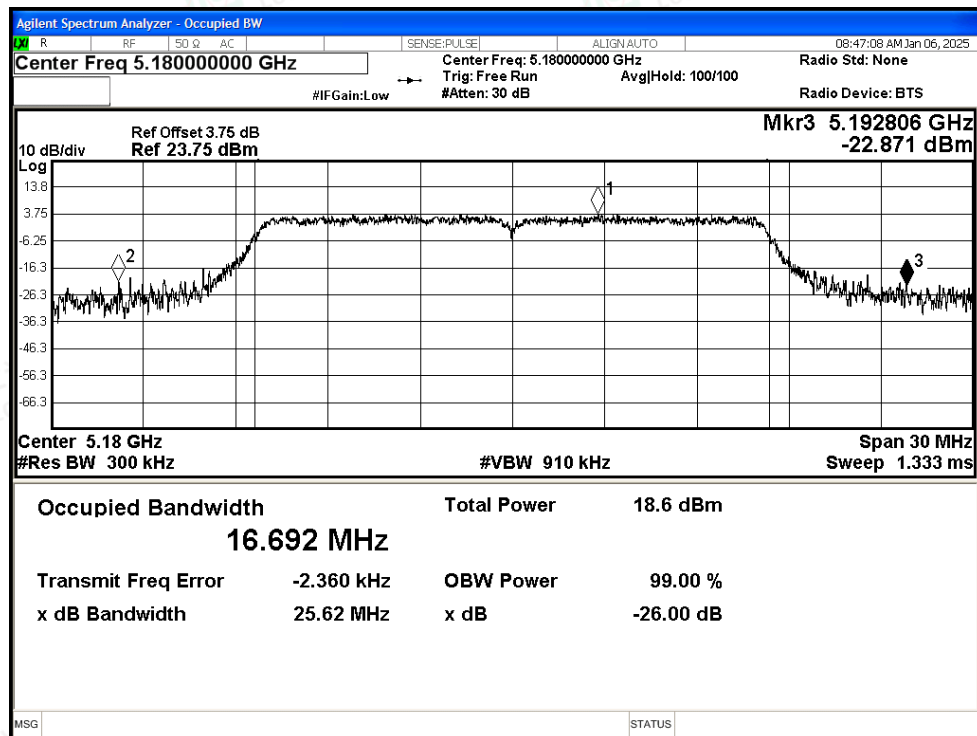


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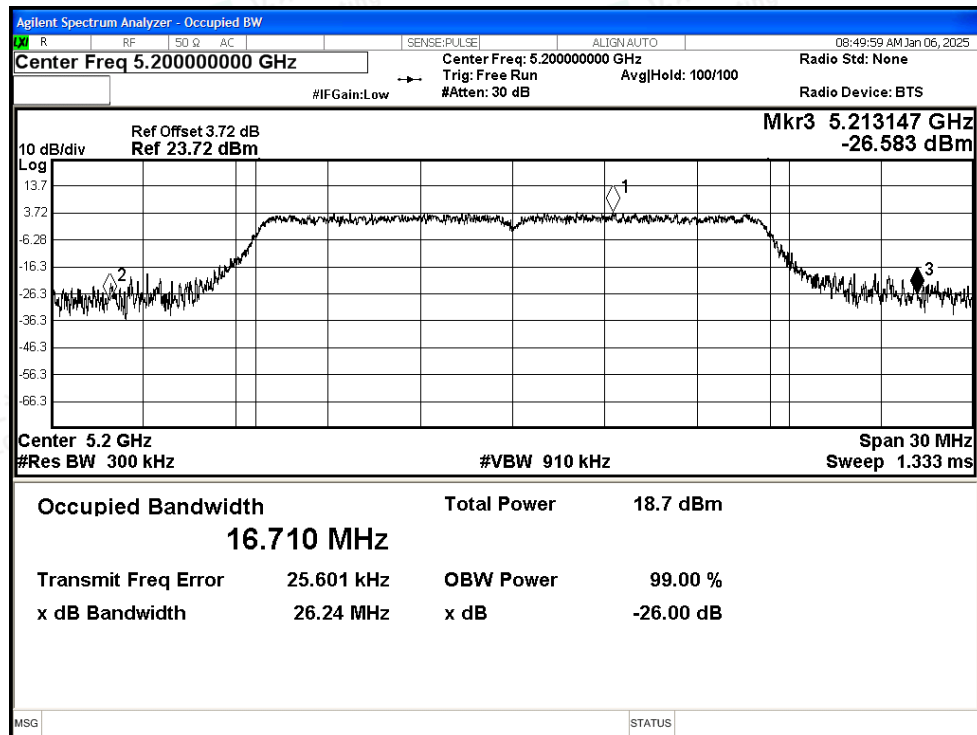


Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant0

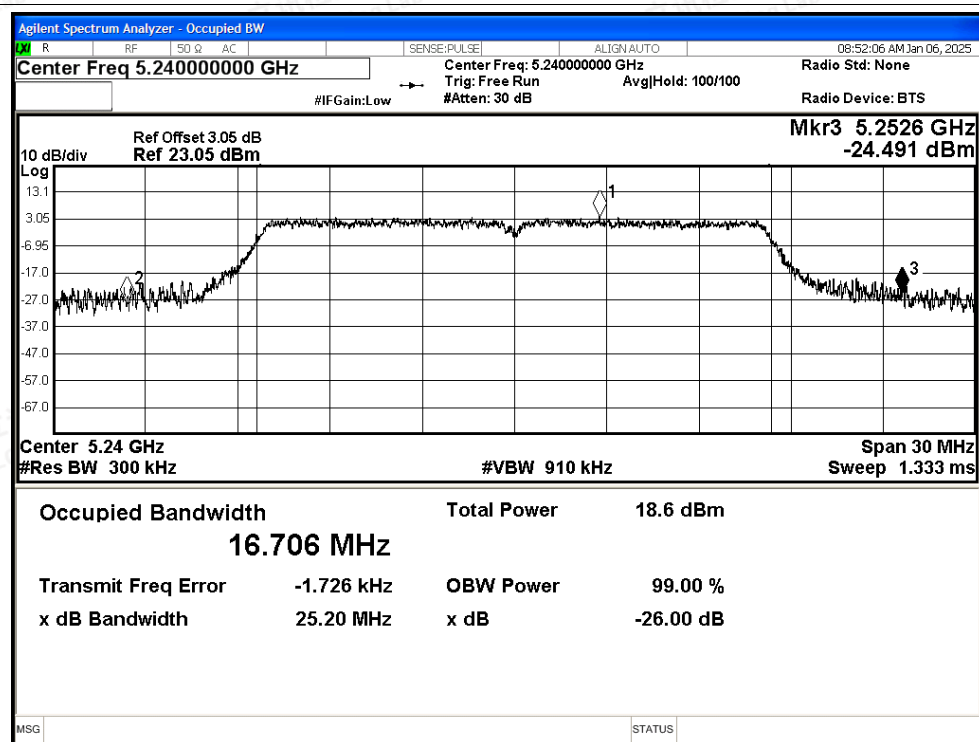


-26dB Bandwidth NVNT a 5200MHz Ant0

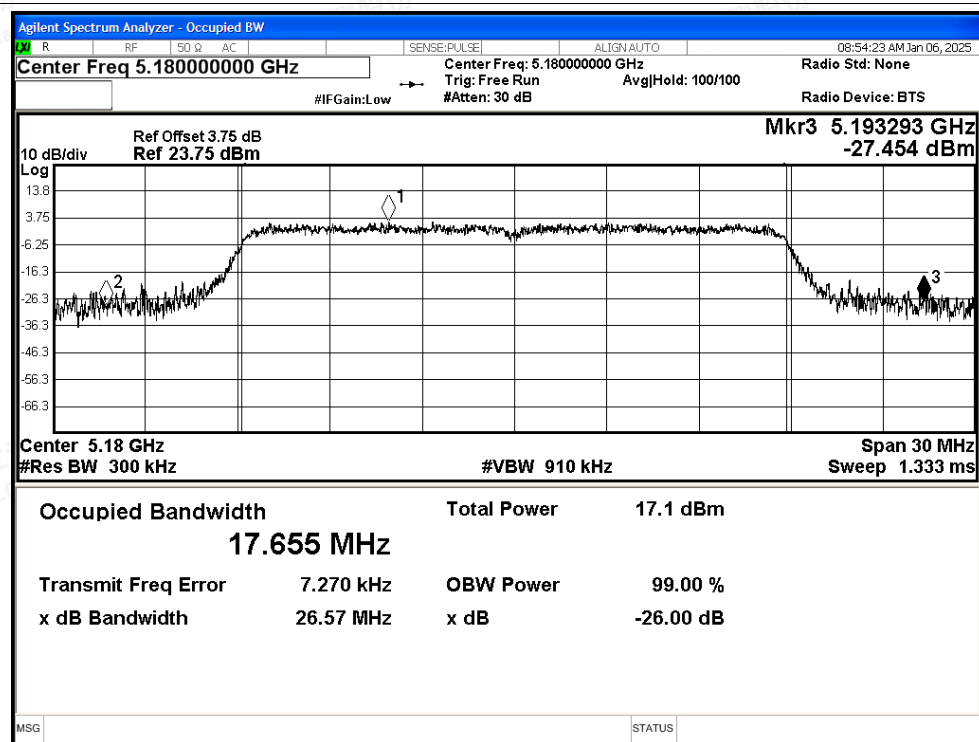


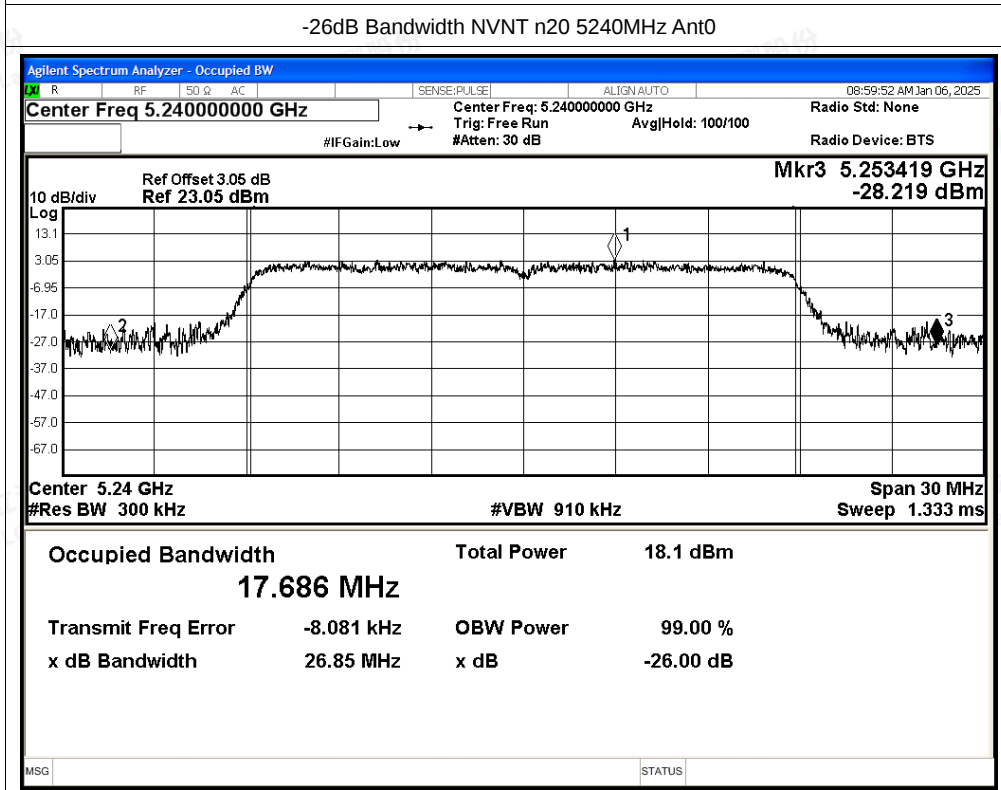
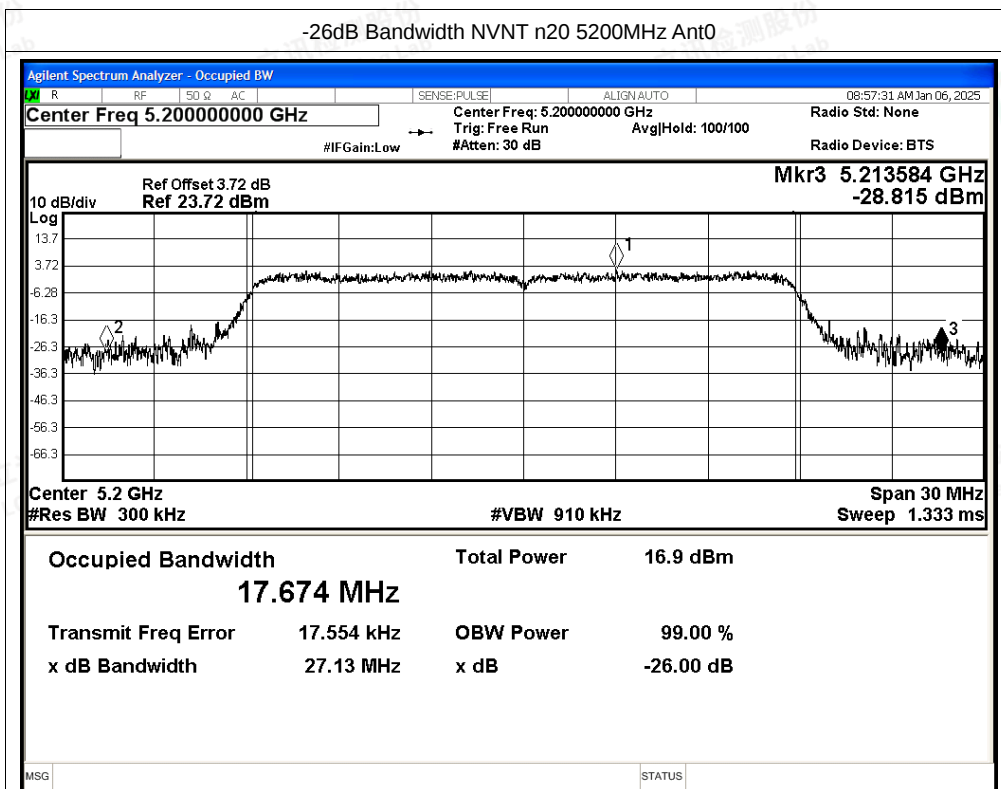


-26dB Bandwidth NVNT a 5240MHz Ant0



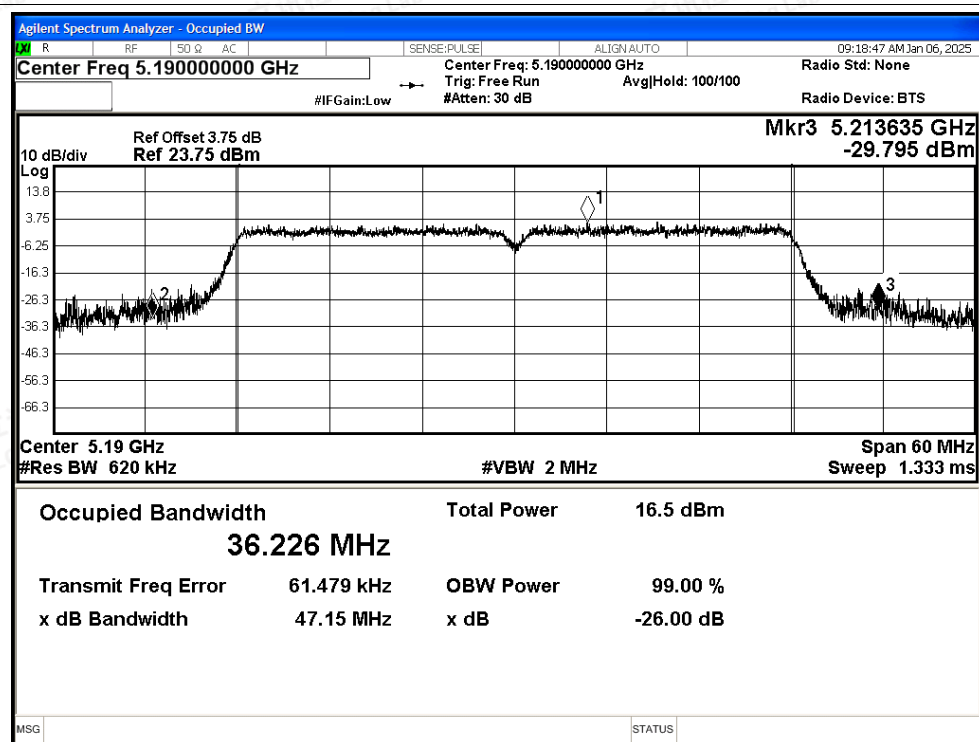
-26dB Bandwidth NVNT n20 5180MHz Ant0



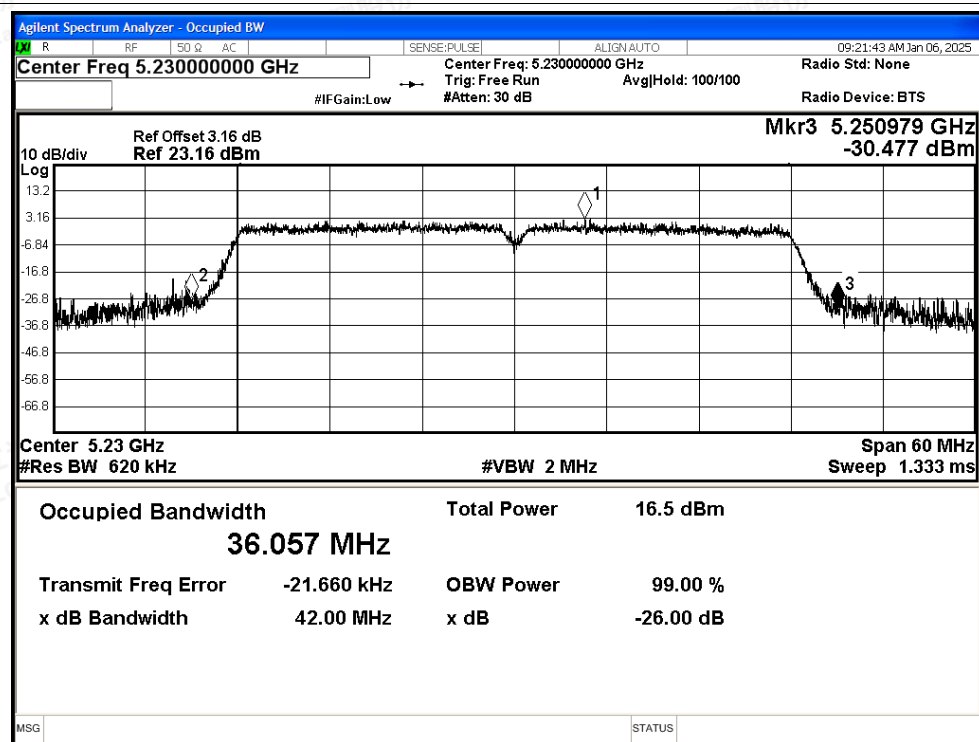


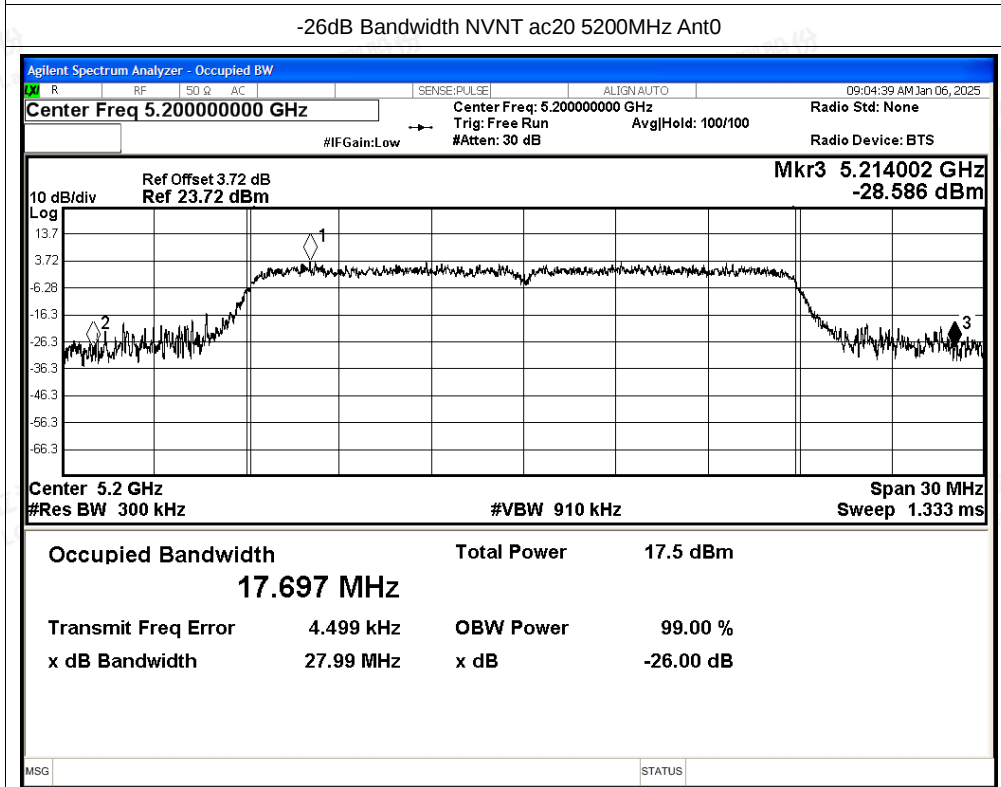
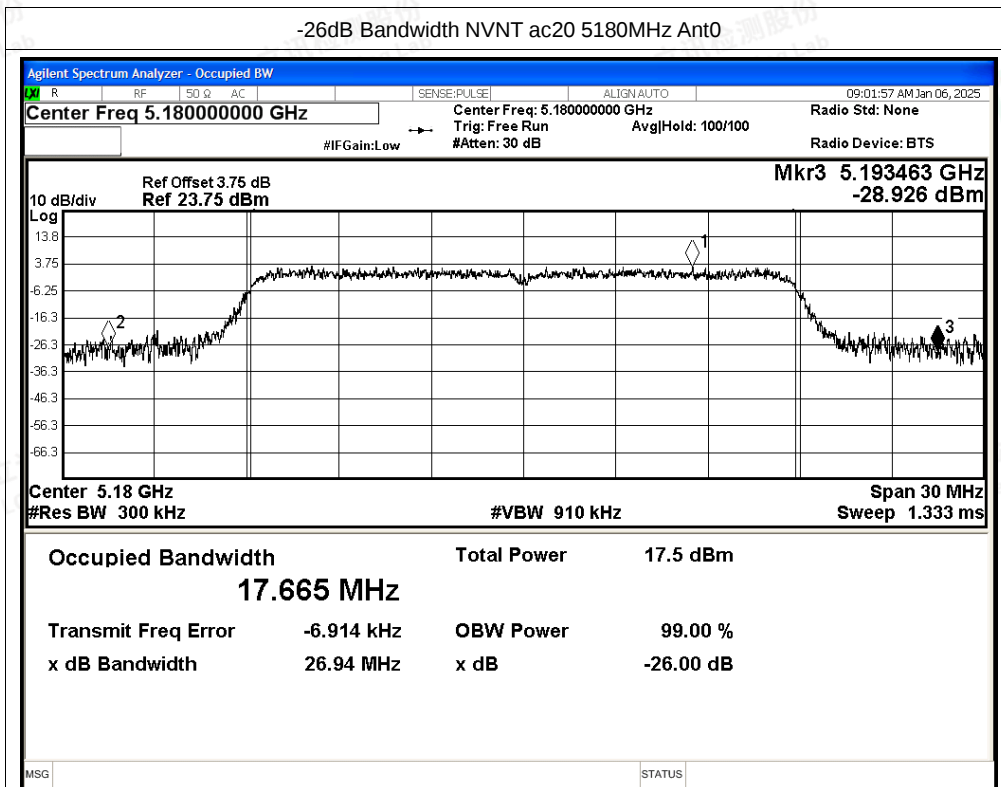


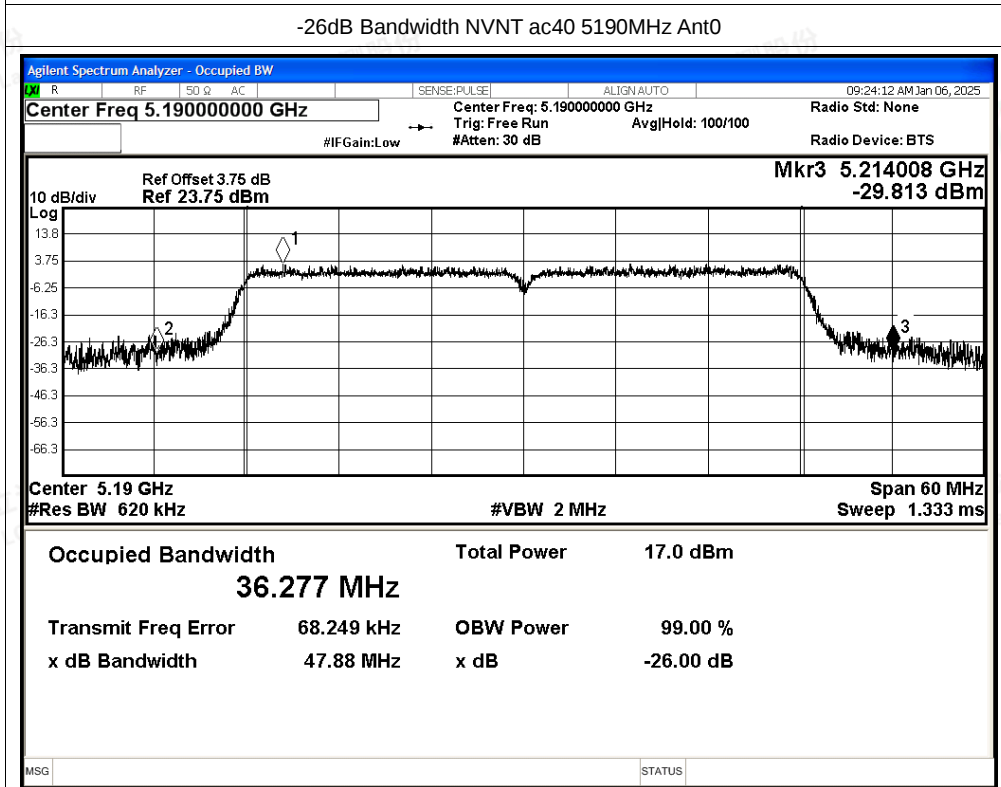
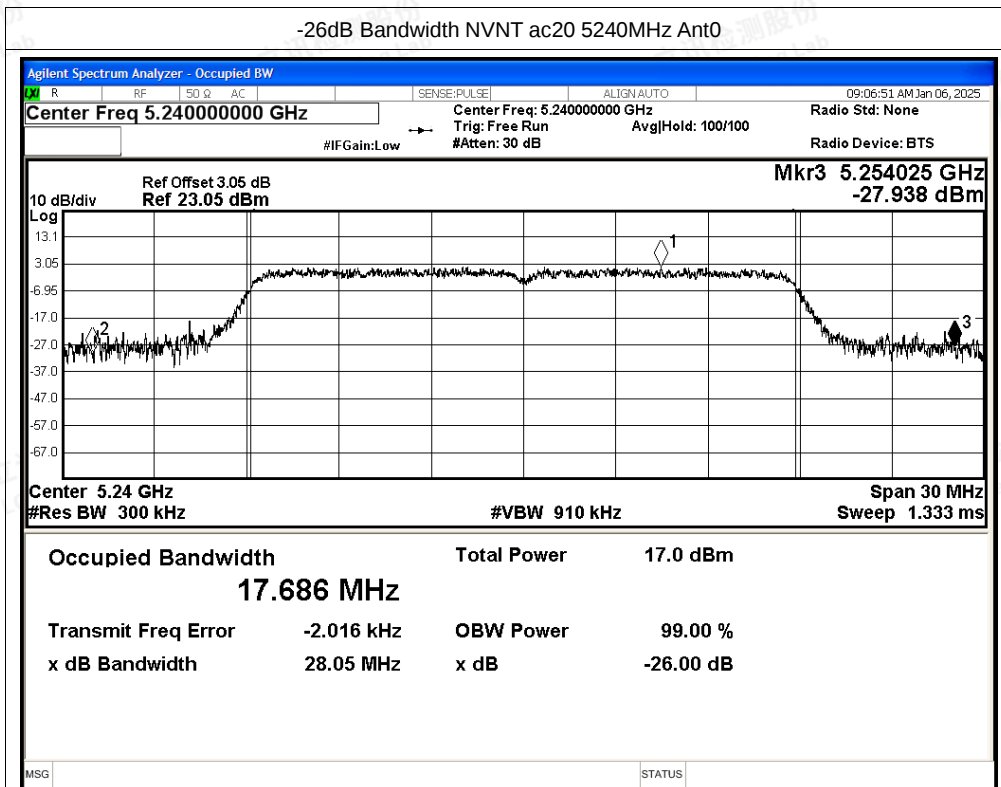
-26dB Bandwidth NVNT n40 5190MHz Ant0



-26dB Bandwidth NVNT n40 5230MHz Ant0

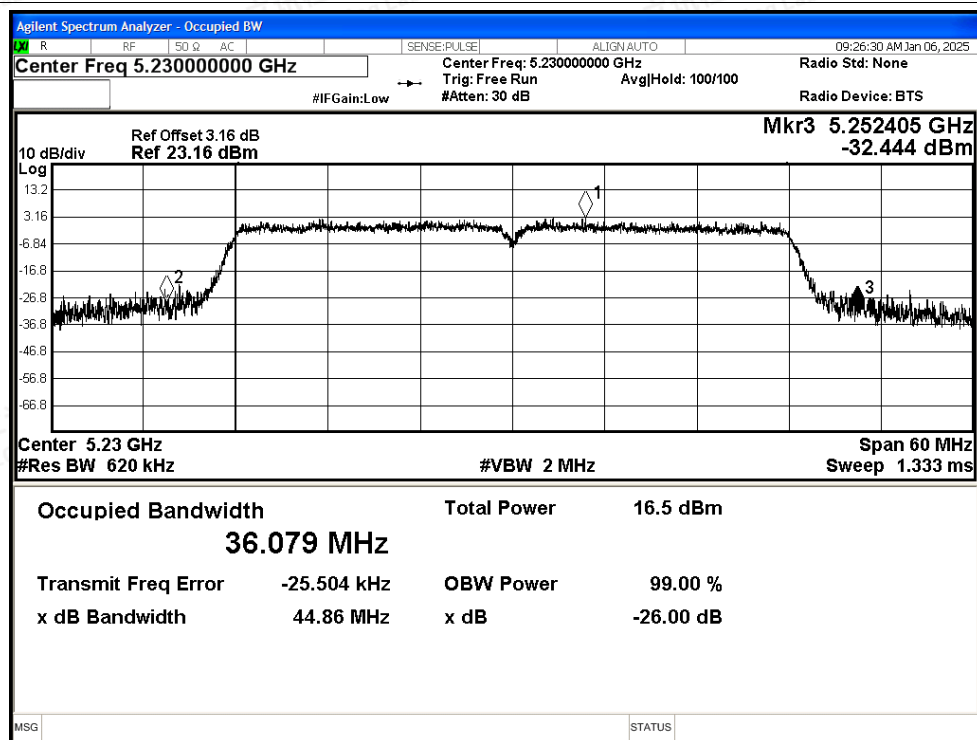




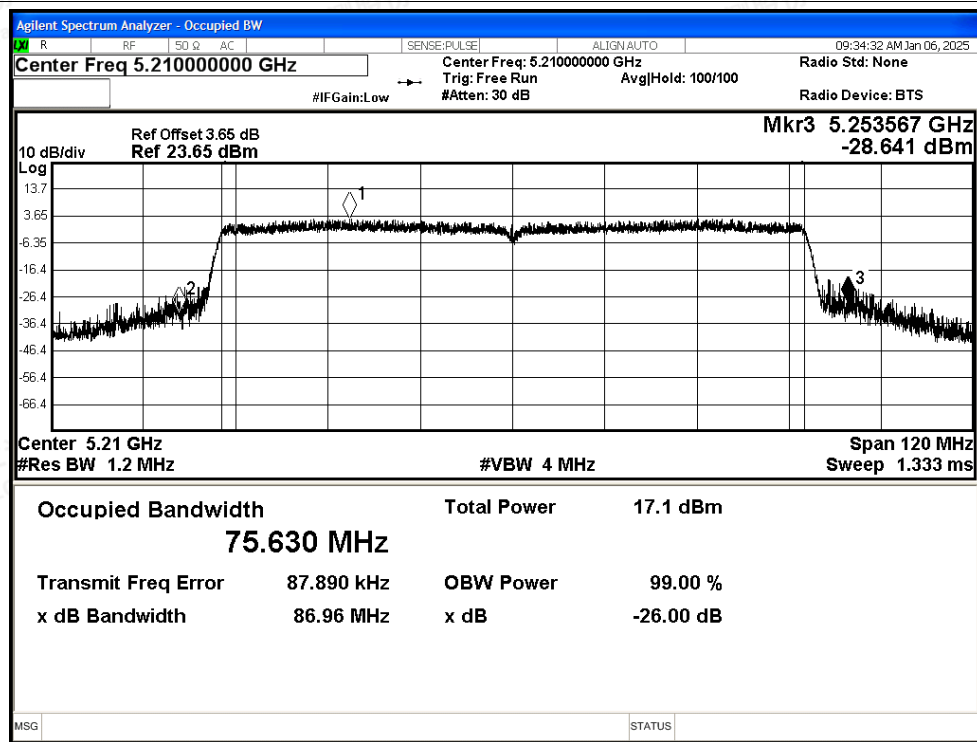


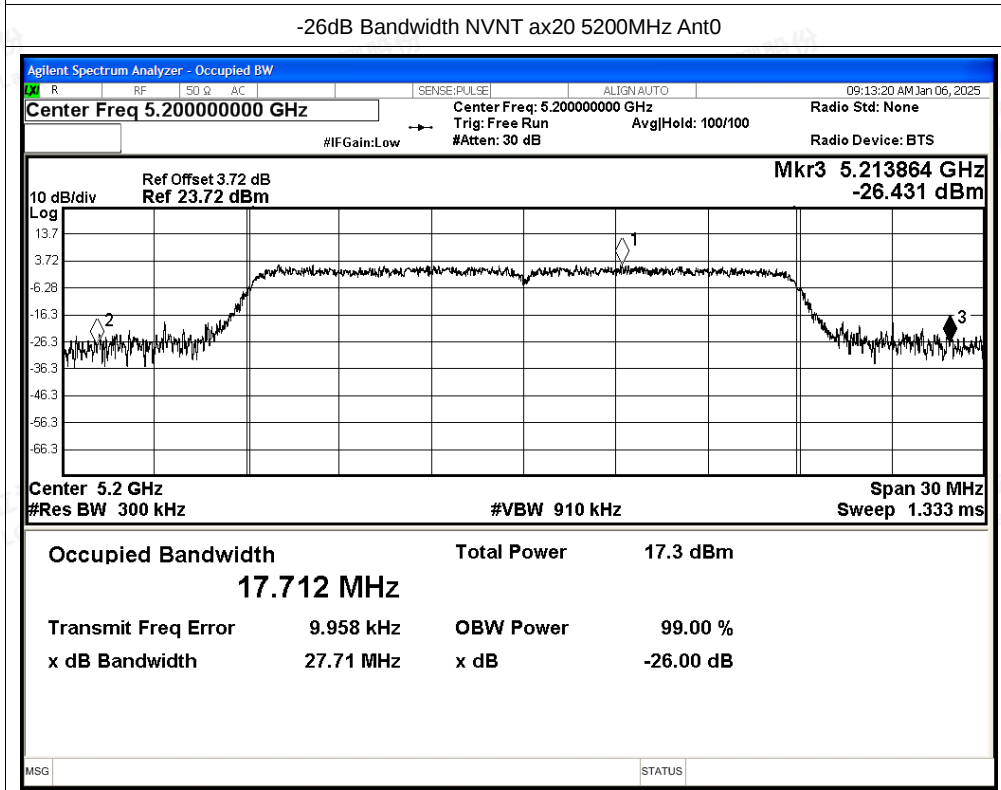
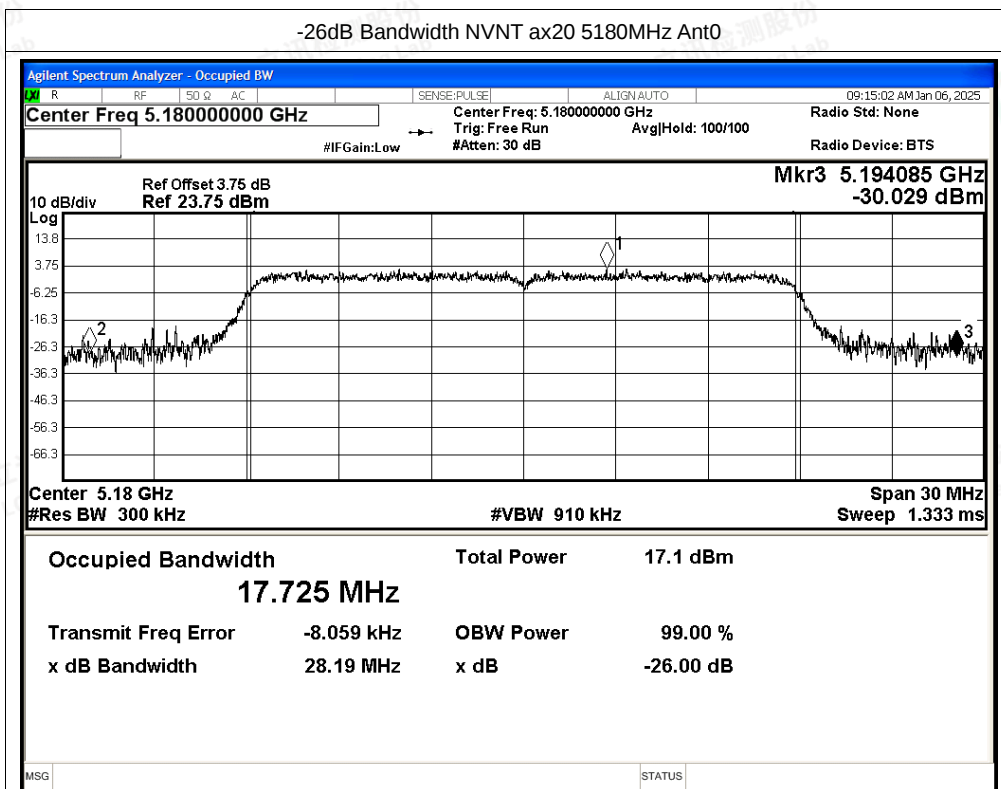


-26dB Bandwidth NVNT ac40 5230MHz Ant0



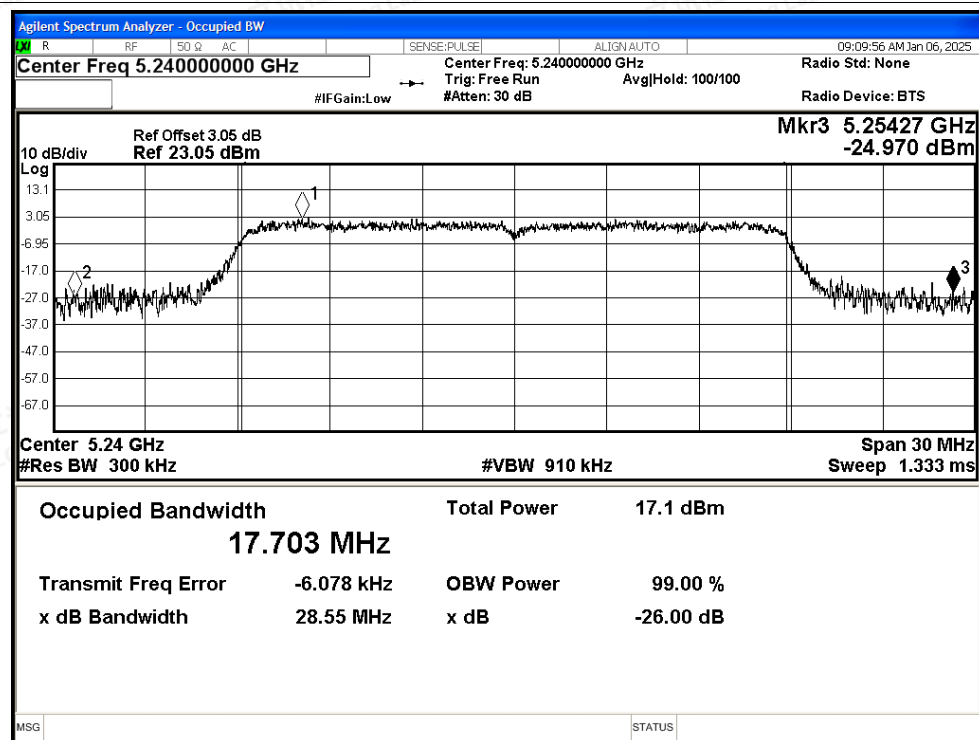
-26dB Bandwidth NVNT ac80 5210MHz Ant0



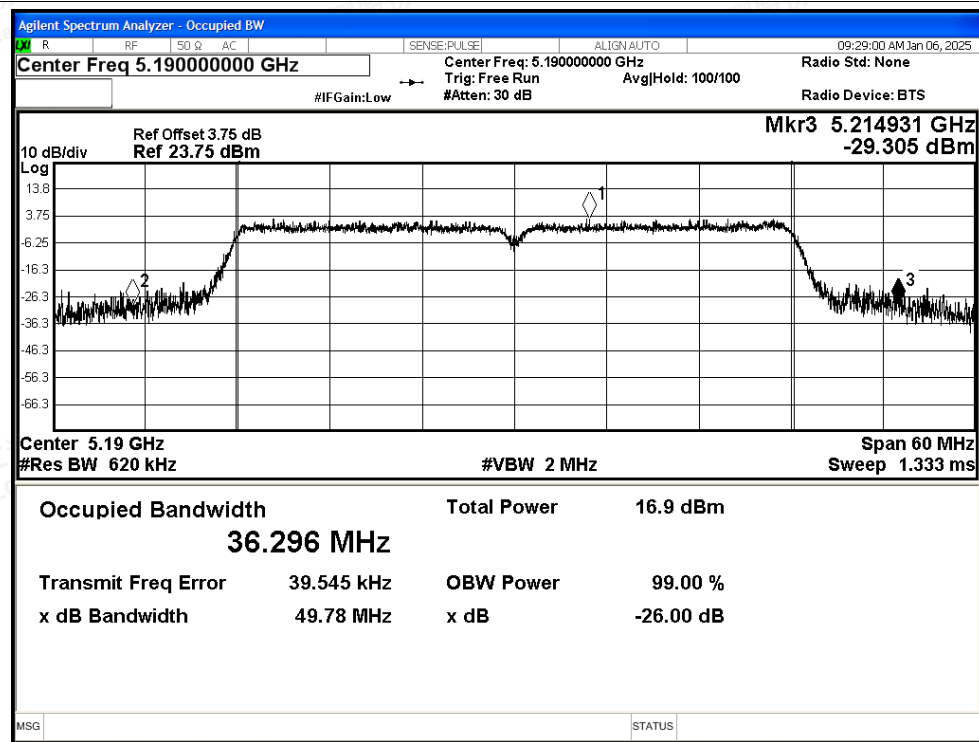


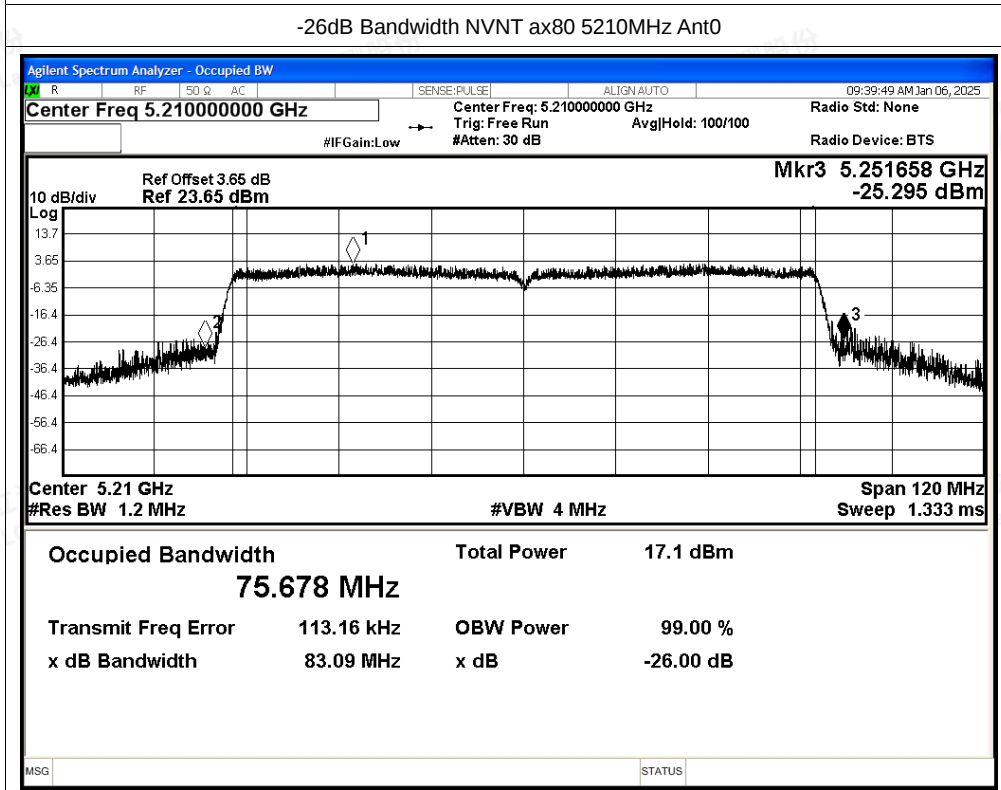
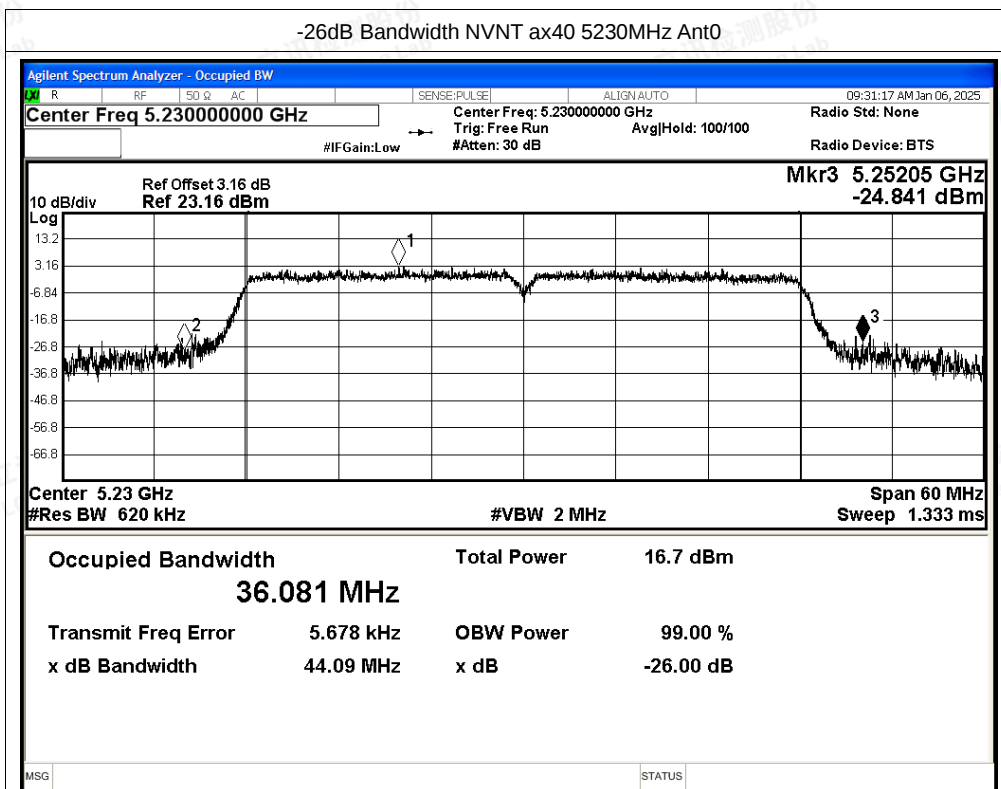


-26dB Bandwidth NVNT ax20 5240MHz Ant0



-26dB Bandwidth NVNT ax40 5190MHz Ant0







Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	26.224	≥ 0.5	Pass
NVNT	a	5200	Ant1	26.923	≥ 0.5	Pass
NVNT	a	5240	Ant1	26.686	≥ 0.5	Pass
NVNT	n20	5180	Ant1	28.021	≥ 0.5	Pass
NVNT	n20	5200	Ant1	27.99	≥ 0.5	Pass
NVNT	n20	5240	Ant1	26.586	≥ 0.5	Pass
NVNT	n40	5190	Ant1	44.248	≥ 0.5	Pass
NVNT	n40	5230	Ant1	50.276	≥ 0.5	Pass
NVNT	ac20	5180	Ant1	27.622	≥ 0.5	Pass
NVNT	ac20	5200	Ant1	25.362	≥ 0.5	Pass
NVNT	ac20	5240	Ant1	26.259	≥ 0.5	Pass
NVNT	ac40	5190	Ant1	42.084	≥ 0.5	Pass
NVNT	ac40	5230	Ant1	44.935	≥ 0.5	Pass
NVNT	ac80	5210	Ant1	85.43	≥ 0.5	Pass
NVNT	ax20	5180	Ant1	27.658	≥ 0.5	Pass
NVNT	ax20	5200	Ant1	28.474	≥ 0.5	Pass
NVNT	ax20	5240	Ant1	26.964	≥ 0.5	Pass
NVNT	ax40	5190	Ant1	44.559	≥ 0.5	Pass
NVNT	ax40	5230	Ant1	47.659	≥ 0.5	Pass
NVNT	ax80	5210	Ant1	87.065	≥ 0.5	Pass

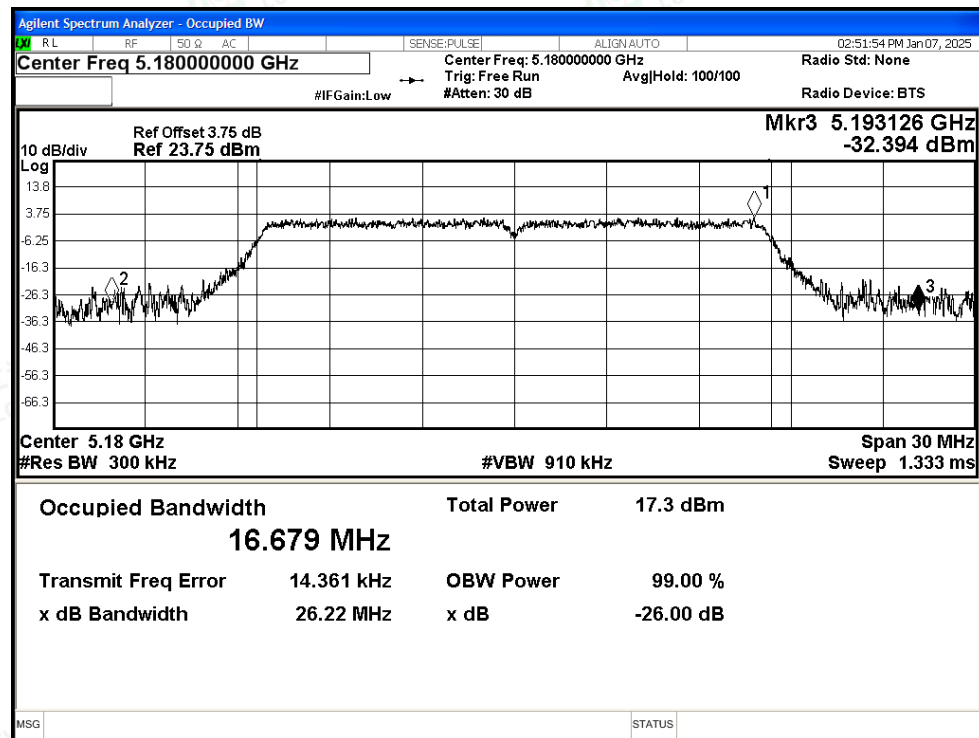


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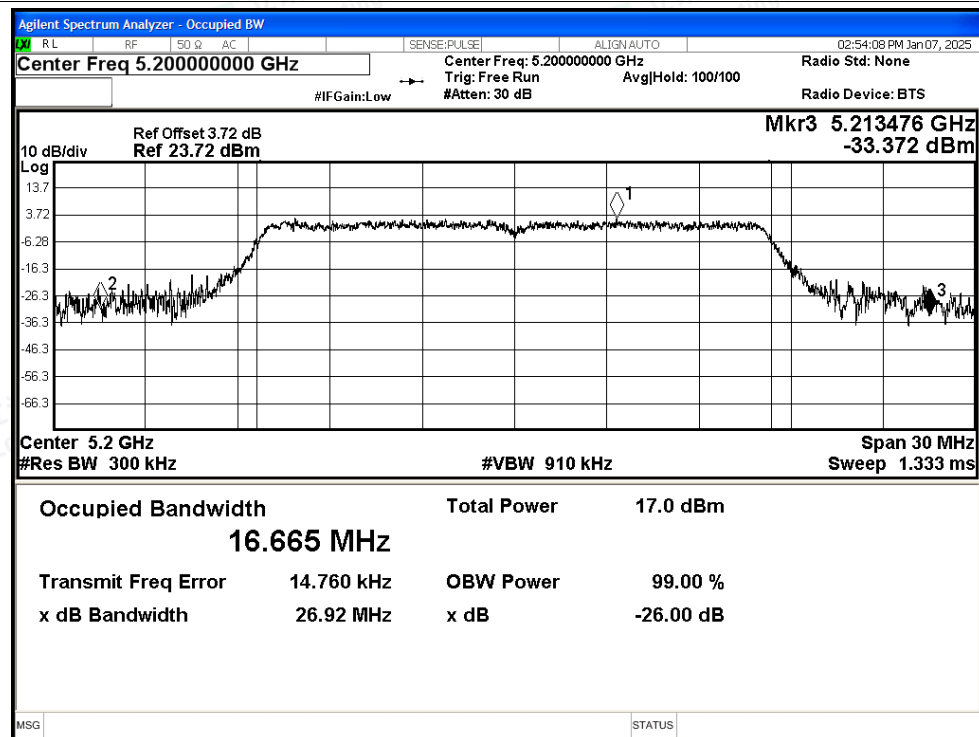


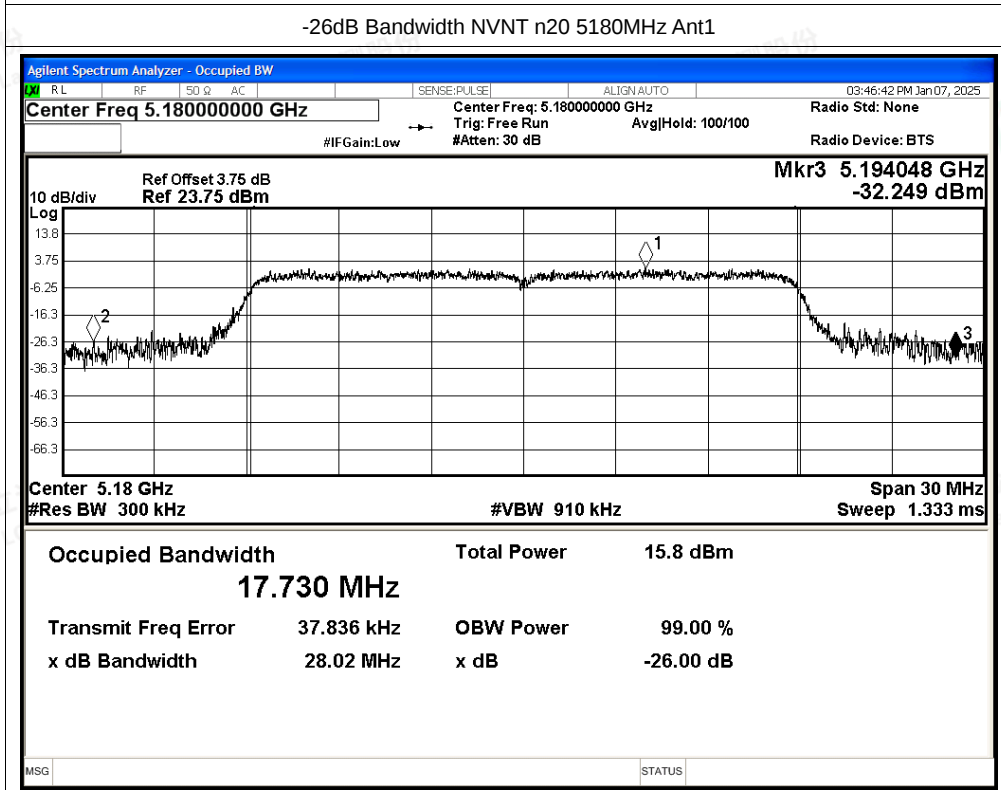
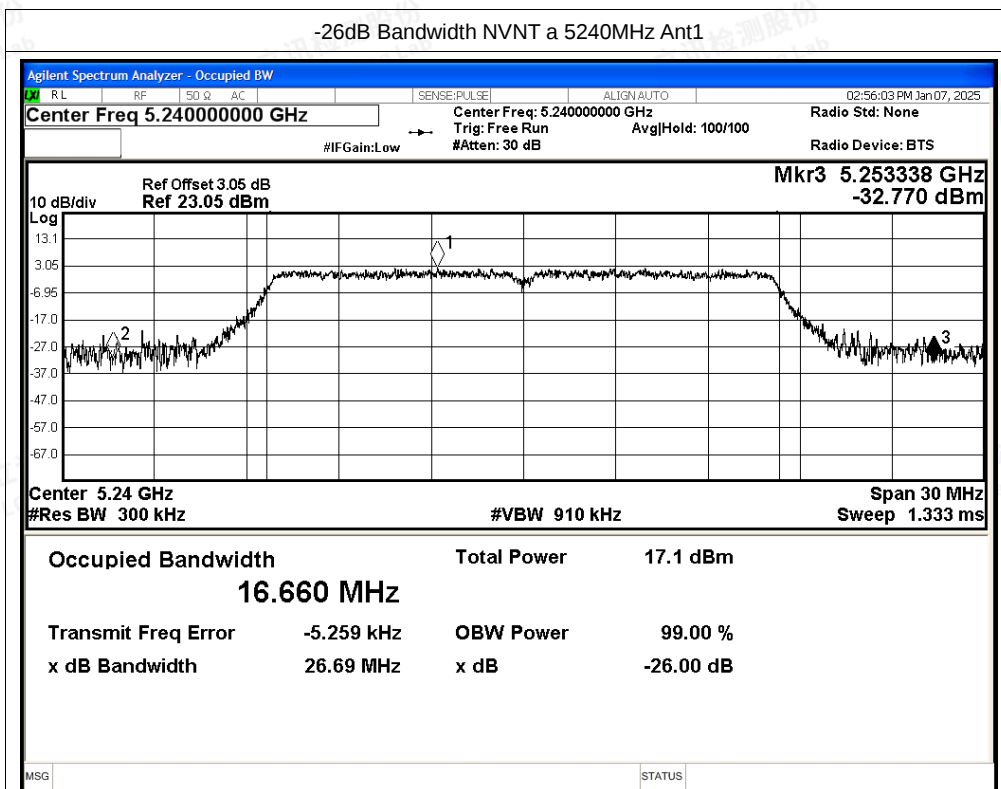
Test Graphs

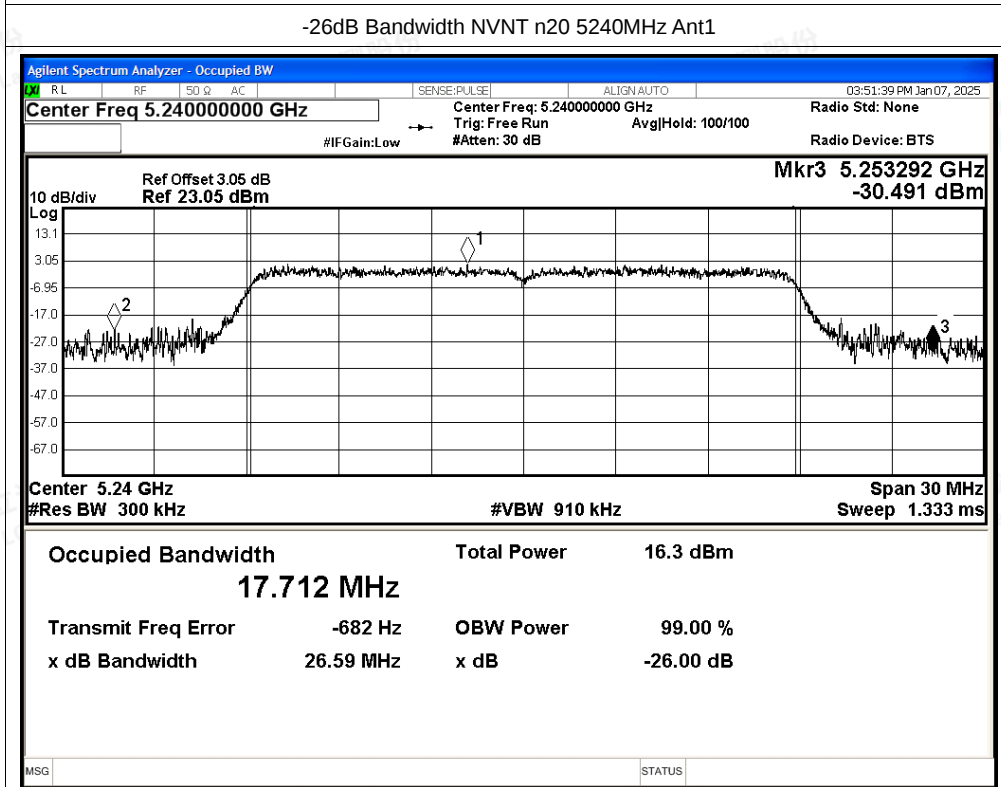
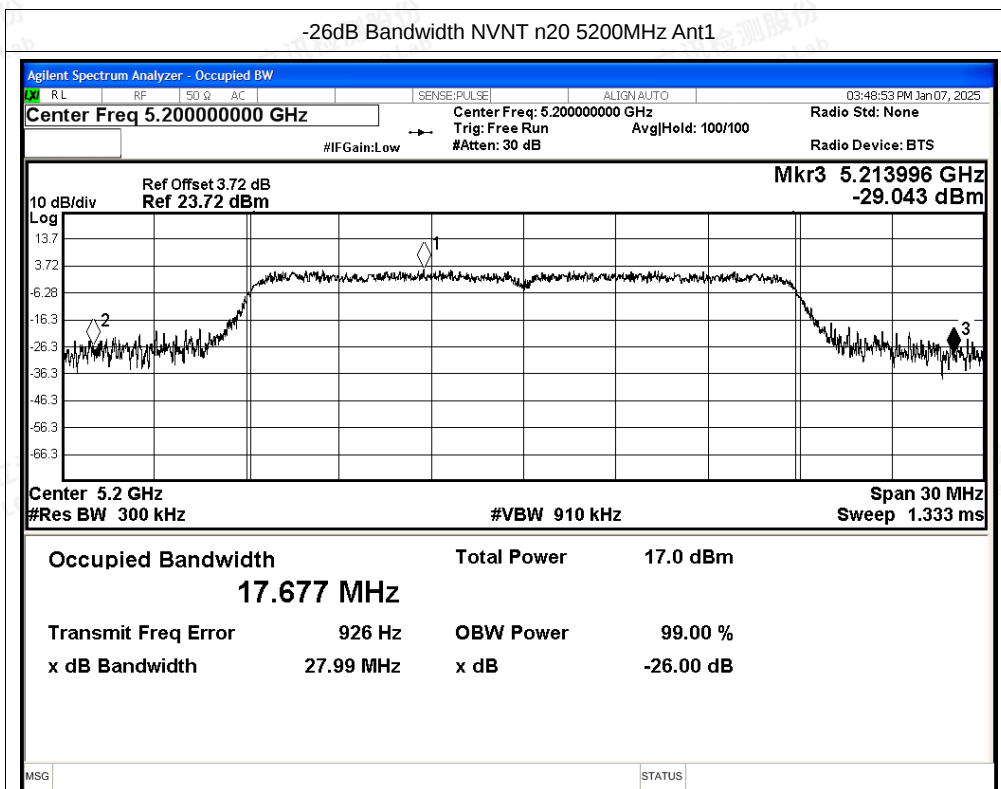
-26dB Bandwidth NVNT a 5180MHz Ant1

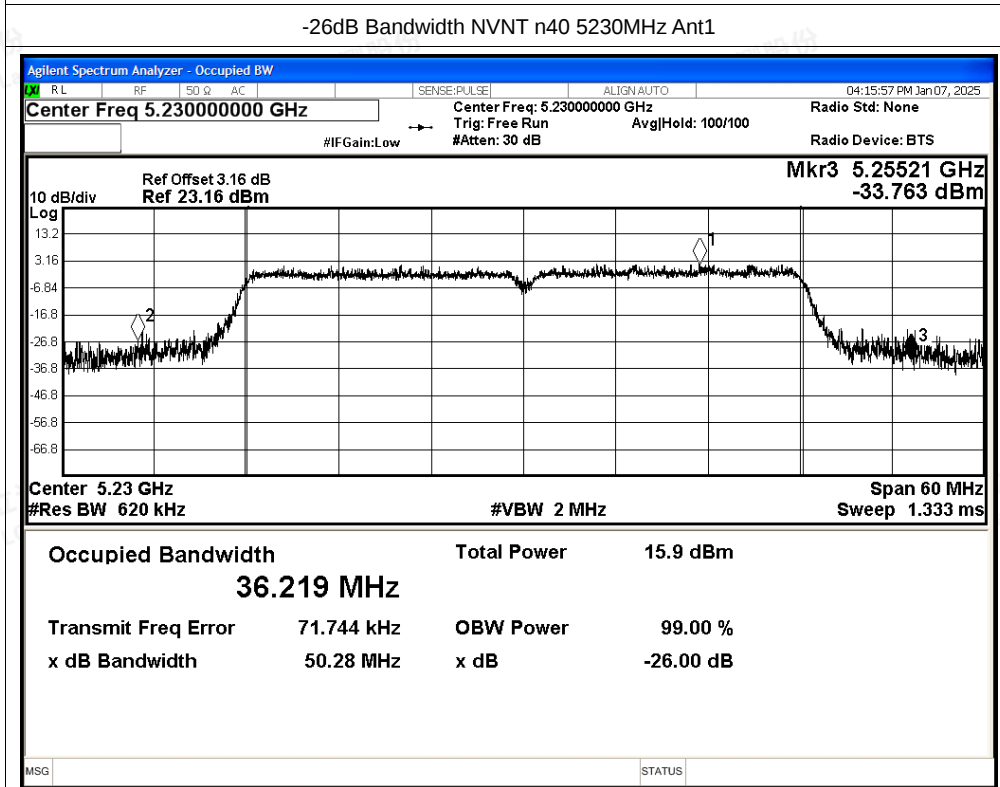
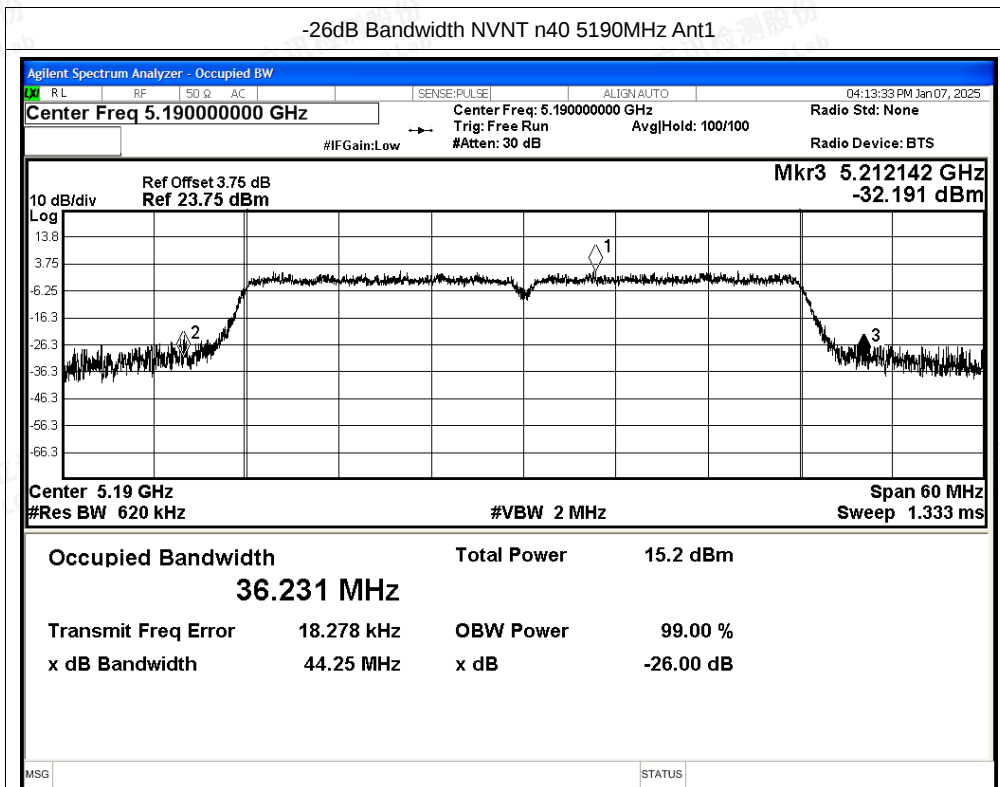


-26dB Bandwidth NVNT a 5200MHz Ant1



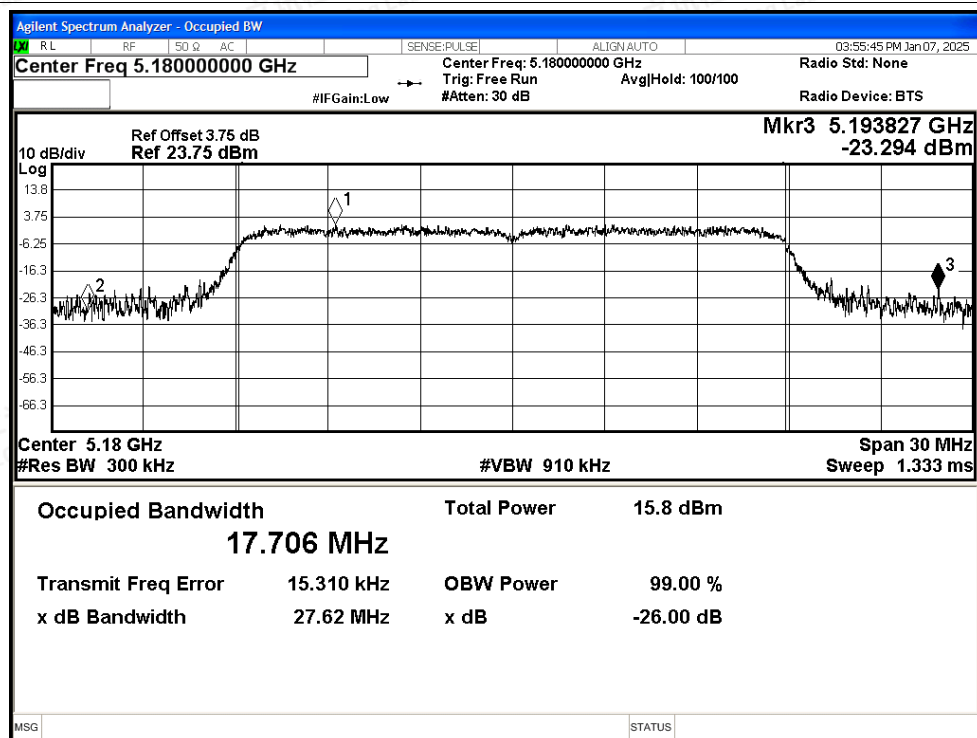




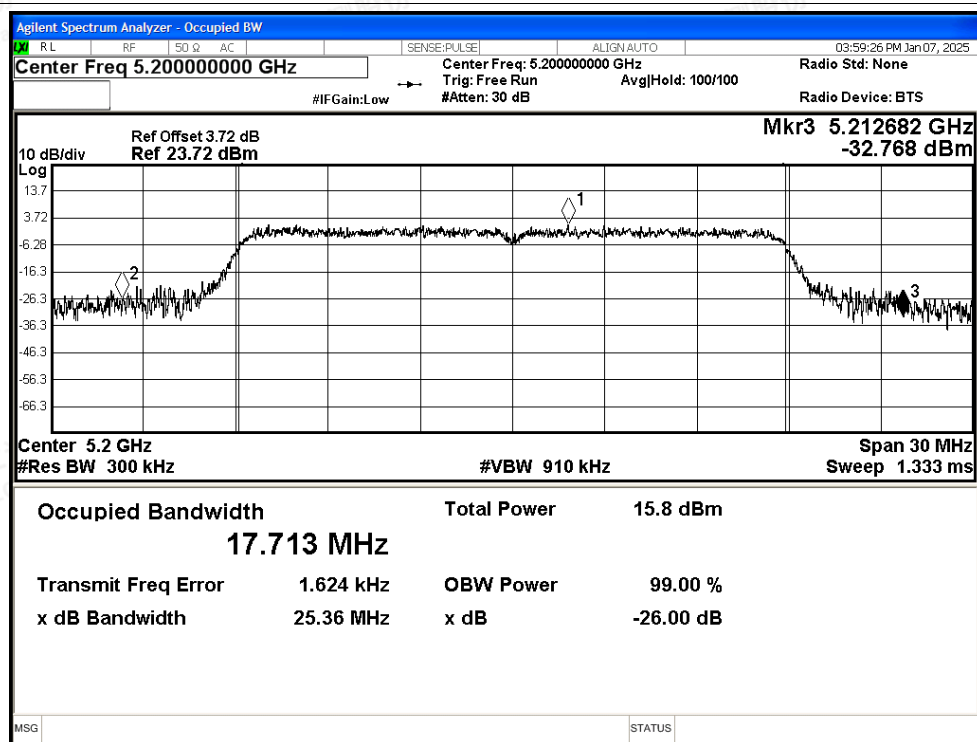




-26dB Bandwidth NVNT ac20 5180MHz Ant1

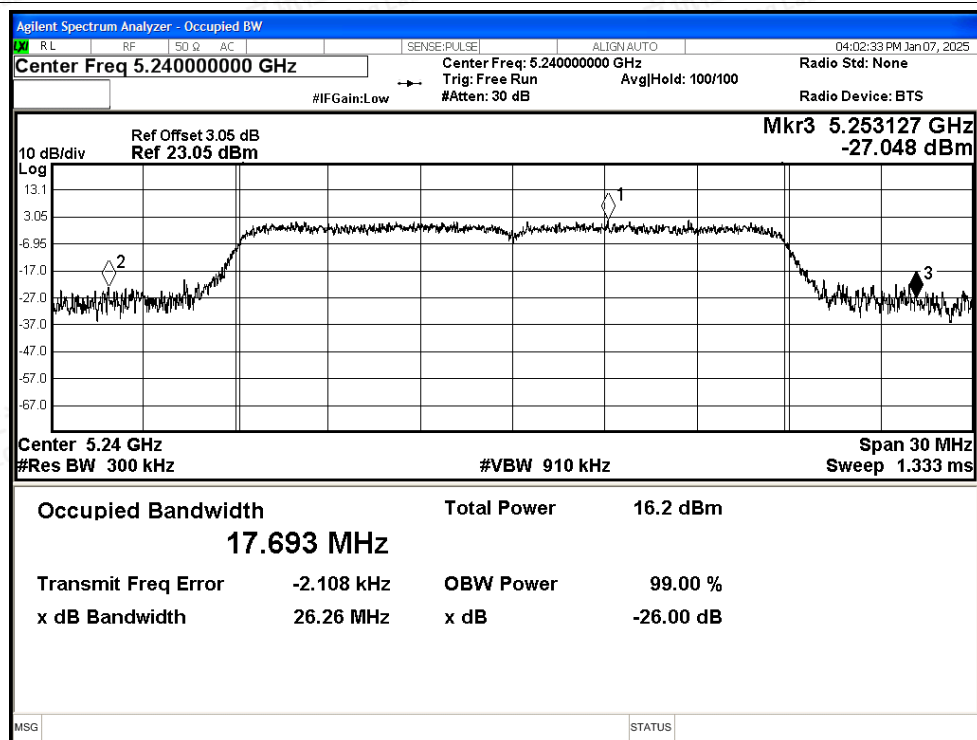


-26dB Bandwidth NVNT ac20 5200MHz Ant1

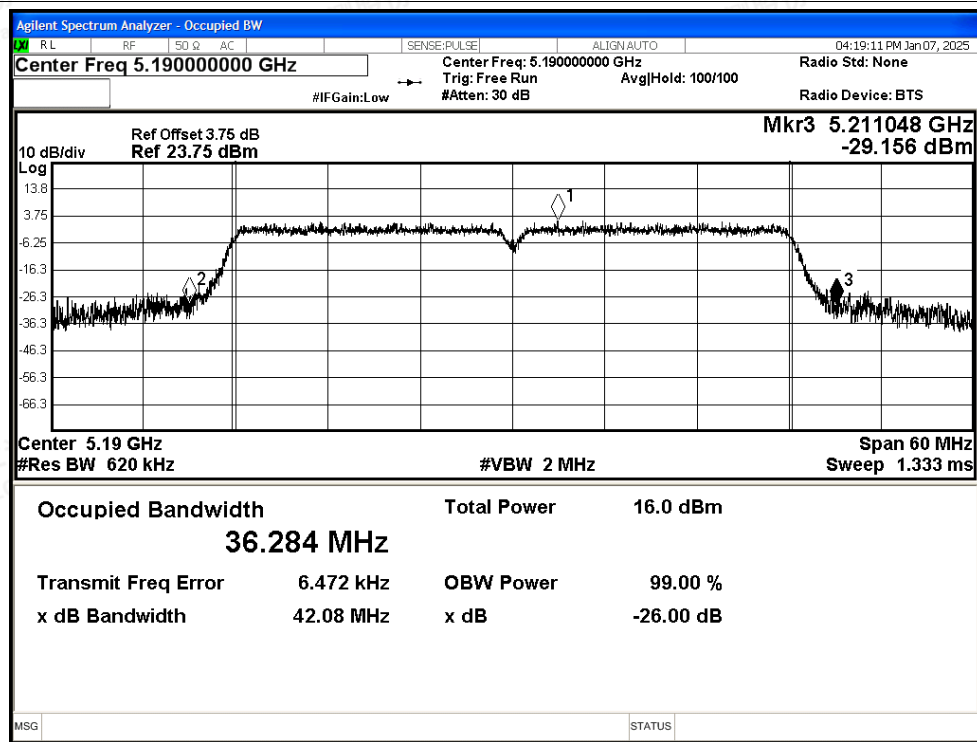




-26dB Bandwidth NVNT ac20 5240MHz Ant1

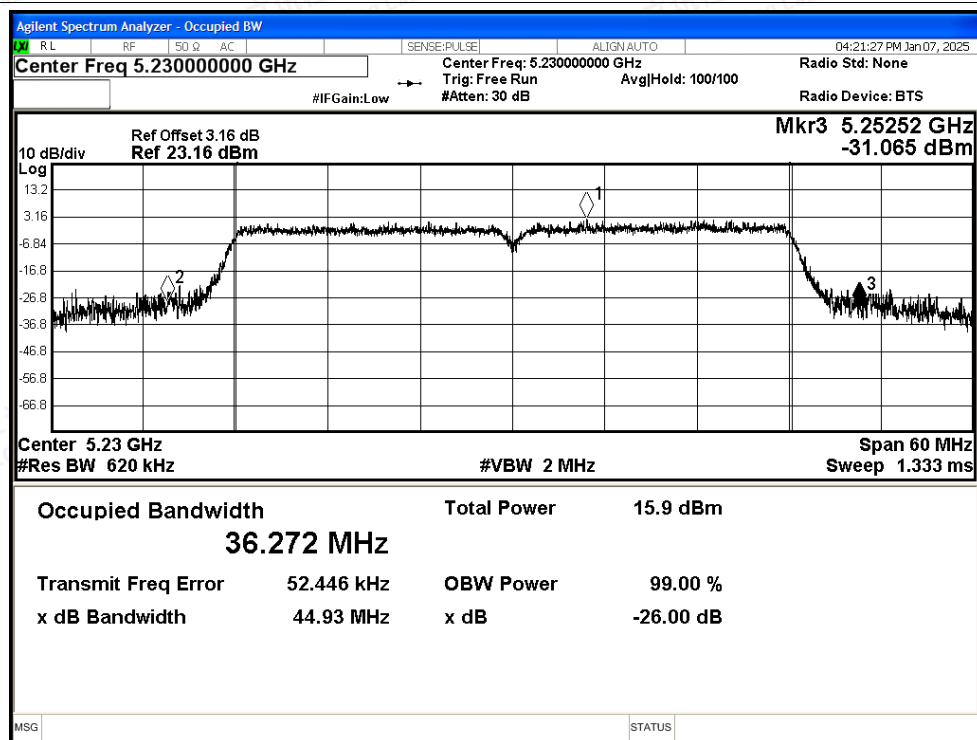


-26dB Bandwidth NVNT ac40 5190MHz Ant1

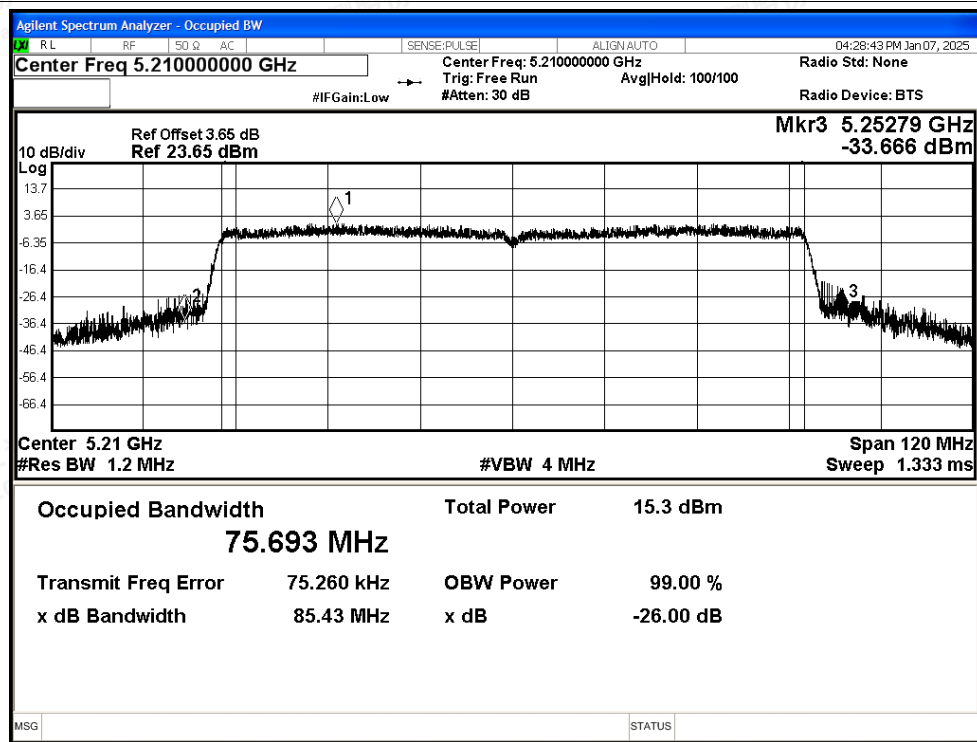




-26dB Bandwidth NVNT ac40 5230MHz Ant1

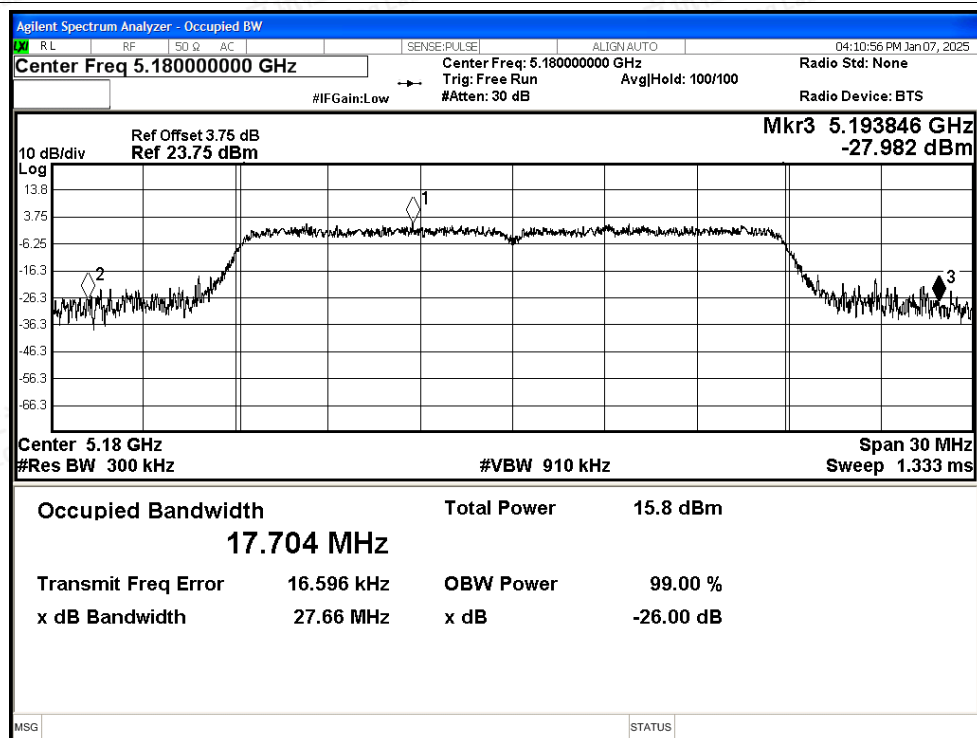


-26dB Bandwidth NVNT ac80 5210MHz Ant1

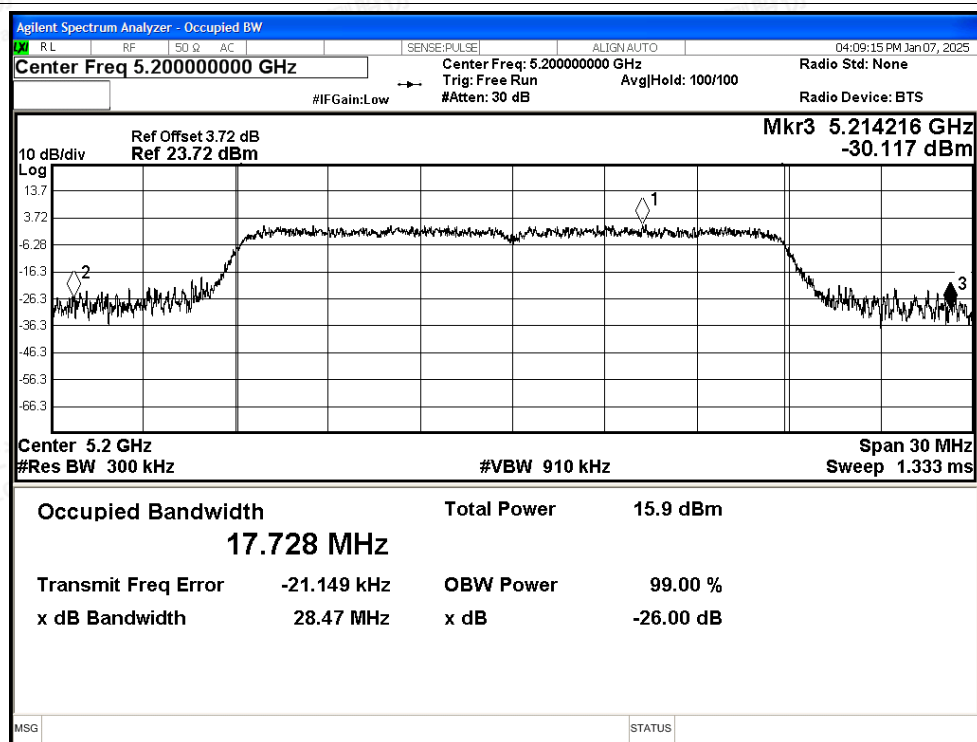




-26dB Bandwidth NVNT ax20 5180MHz Ant1

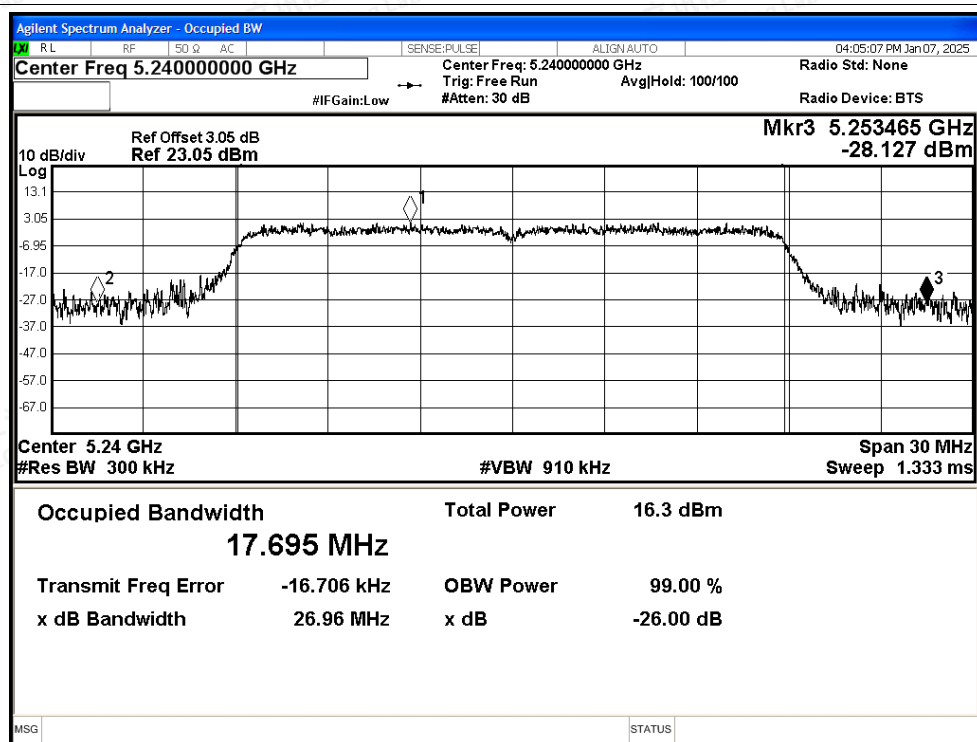


-26dB Bandwidth NVNT ax20 5200MHz Ant1

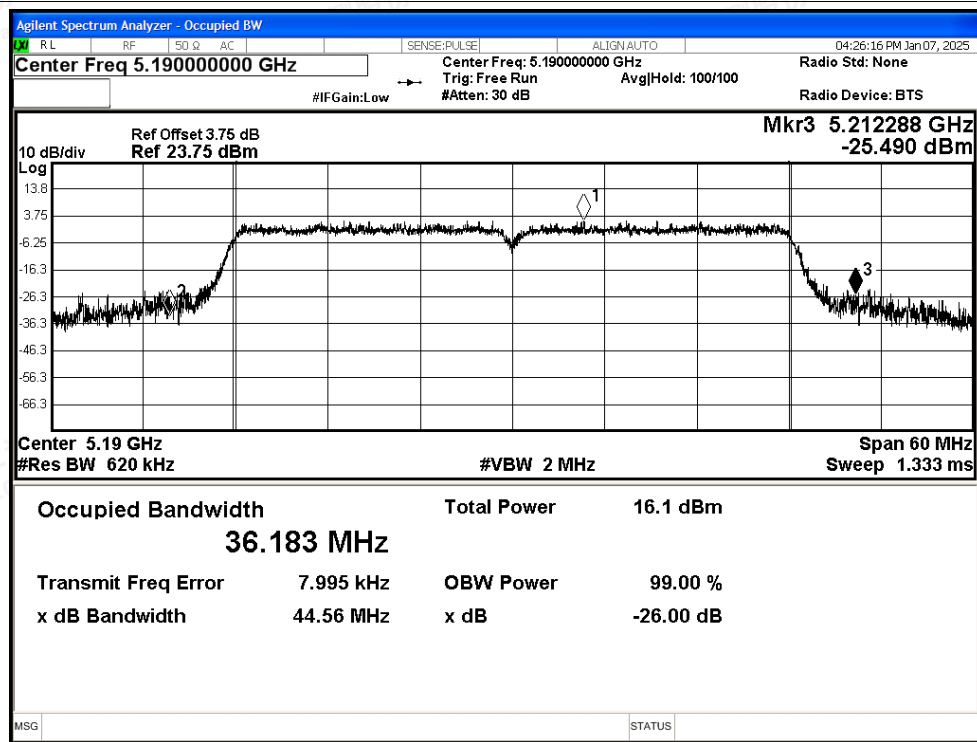




-26dB Bandwidth NVNT ax20 5240MHz Ant1

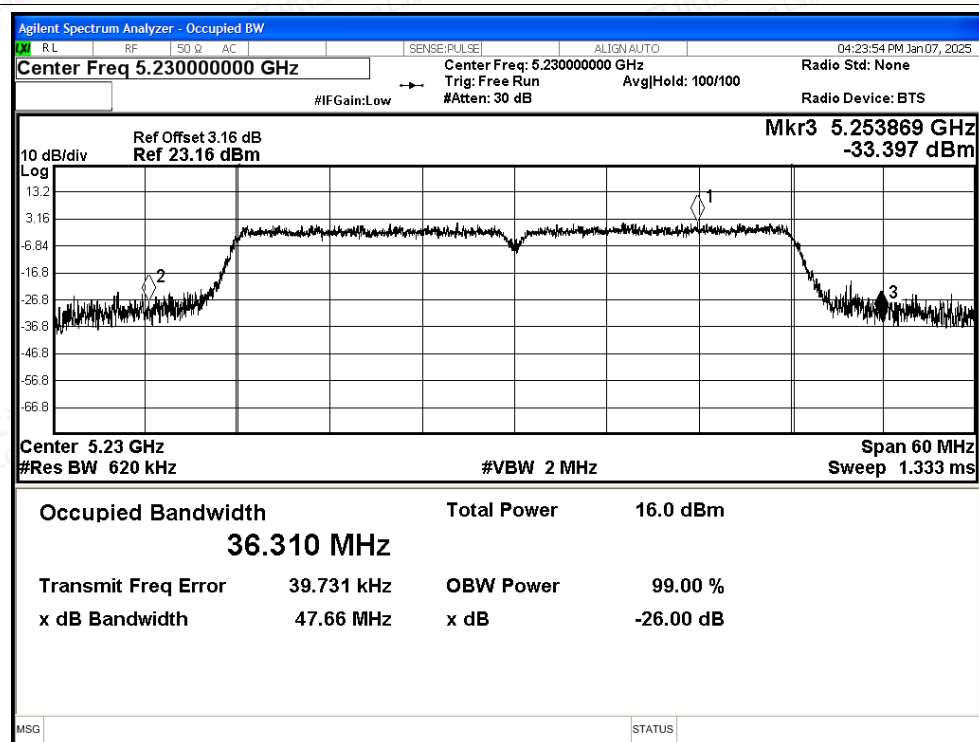


-26dB Bandwidth NVNT ax40 5190MHz Ant1

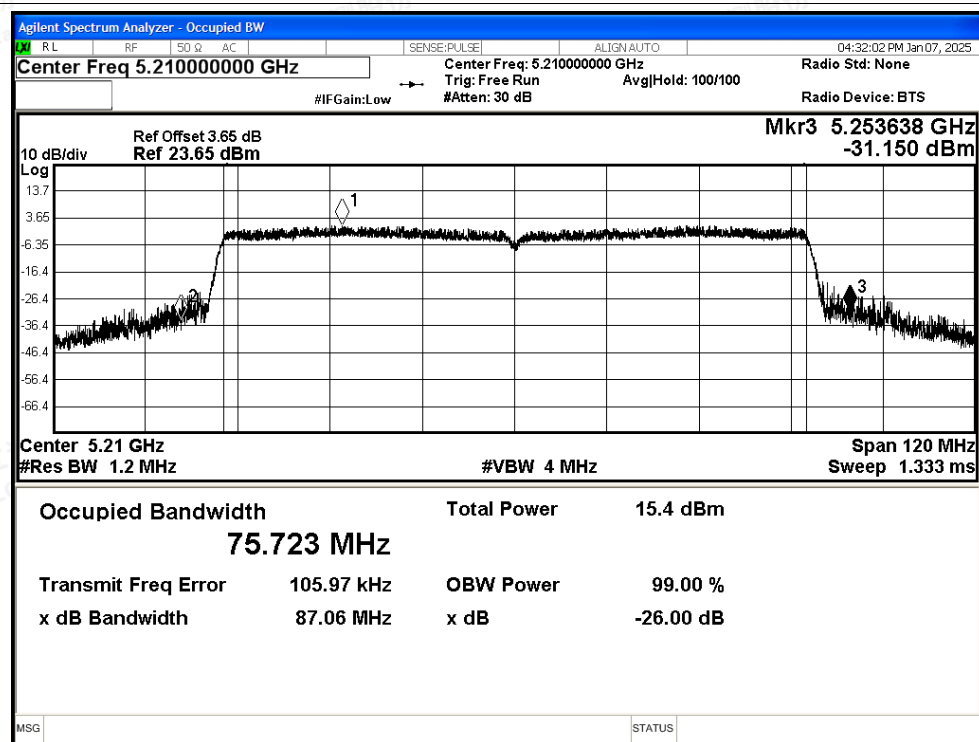




-26dB Bandwidth NVNT ax40 5230MHz Ant1



-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	12.83	0.24	13.07	24	Pass
NVNT	a	5200	Ant0	12.99	0.24	13.23	24	Pass
NVNT	a	5240	Ant0	12.74	0.24	12.98	24	Pass
NVNT	n20	5180	Ant0	11.35	0.28	11.63	24	Pass
NVNT	n20	5200	Ant0	11.26	0.28	11.54	24	Pass
NVNT	n20	5240	Ant0	12.41	0.28	12.69	24	Pass
NVNT	n40	5190	Ant0	10.03	0.12	10.15	24	Pass
NVNT	n40	5230	Ant0	9.98	0.12	10.1	24	Pass
NVNT	ac20	5180	Ant0	11.61	0.28	11.89	24	Pass
NVNT	ac20	5200	Ant0	11.61	0.28	11.89	24	Pass
NVNT	ac20	5240	Ant0	11.38	0.28	11.66	24	Pass
NVNT	ac40	5190	Ant0	10.63	0.12	10.75	24	Pass
NVNT	ac40	5230	Ant0	10.32	0.12	10.44	24	Pass
NVNT	ac80	5210	Ant0	9.88	0.25	10.13	24	Pass
NVNT	ax20	5180	Ant0	11.44	0.28	11.72	24	Pass
NVNT	ax20	5200	Ant0	11.63	0.28	11.91	24	Pass
NVNT	ax20	5240	Ant0	11.41	0.28	11.69	24	Pass
NVNT	ax40	5190	Ant0	10.75	0.12	10.87	24	Pass
NVNT	ax40	5230	Ant0	10.44	0.12	10.56	24	Pass
NVNT	ax80	5210	Ant0	9.58	0.25	9.83	24	Pass



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Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.63	0.24	11.87	24	Pass
NVNT	a	5200	Ant1	11.42	0.24	11.66	24	Pass
NVNT	a	5240	Ant1	11.36	0.24	11.6	24	Pass
NVNT	n20	5180	Ant1	10.22	0.28	10.5	24	Pass
NVNT	n20	5200	Ant1	11.31	0.28	11.59	24	Pass
NVNT	n20	5240	Ant1	10.62	0.28	10.9	24	Pass
NVNT	n40	5190	Ant1	9.02	0.12	9.14	24	Pass
NVNT	n40	5230	Ant1	9.56	0.12	9.68	24	Pass
NVNT	ac20	5180	Ant1	10.21	0.28	10.49	24	Pass
NVNT	ac20	5200	Ant1	10.07	0.28	10.35	24	Pass
NVNT	ac20	5240	Ant1	10.48	0.28	10.76	24	Pass
NVNT	ac40	5190	Ant1	9.79	0.12	9.91	24	Pass
NVNT	ac40	5230	Ant1	9.64	0.12	9.76	24	Pass
NVNT	ac80	5210	Ant1	8.09	0.25	8.34	24	Pass
NVNT	ax20	5180	Ant1	9.99	0.28	10.27	24	Pass
NVNT	ax20	5200	Ant1	10.09	0.28	10.37	24	Pass
NVNT	ax20	5240	Ant1	10.59	0.28	10.87	24	Pass
NVNT	ax40	5190	Ant1	9.85	0.12	9.97	24	Pass
NVNT	ax40	5230	Ant1	9.7	0.12	9.82	24	Pass
NVNT	ax80	5210	Ant1	8.3	0.25	8.55	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)	Verdict
NVNT	a	5180	Ant0	2.57	0.24	2.81	11	Pass
NVNT	a	5200	Ant0	2.42	0.24	2.66	11	Pass
NVNT	a	5240	Ant0	2.28	0.24	2.52	11	Pass
NVNT	n20	5180	Ant0	0.64	0.28	0.92	11	Pass
NVNT	n20	5200	Ant0	0.53	0.28	0.81	11	Pass
NVNT	n20	5240	Ant0	1.71	0.28	1.99	11	Pass
NVNT	n40	5190	Ant0	-3.64	0.12	-3.52	11	Pass
NVNT	n40	5230	Ant0	-3.24	0.12	-3.12	11	Pass
NVNT	ac20	5180	Ant0	1.04	0.28	1.32	11	Pass
NVNT	ac20	5200	Ant0	1.13	0.28	1.41	11	Pass
NVNT	ac20	5240	Ant0	0.65	0.28	0.93	11	Pass
NVNT	ac40	5190	Ant0	-3.06	0.12	-2.94	11	Pass
NVNT	ac40	5230	Ant0	-3.24	0.12	-3.12	11	Pass
NVNT	ac80	5210	Ant0	-6.38	0.25	-6.13	11	Pass
NVNT	ax20	5180	Ant0	0.78	0.28	1.06	11	Pass
NVNT	ax20	5200	Ant0	0.74	0.28	1.02	11	Pass
NVNT	ax20	5240	Ant0	0.76	0.28	1.04	11	Pass
NVNT	ax40	5190	Ant0	-3.22	0.12	-3.1	11	Pass
NVNT	ax40	5230	Ant0	-3.46	0.12	-3.34	11	Pass
NVNT	ax80	5210	Ant0	-6.63	0.25	-6.38	11	Pass

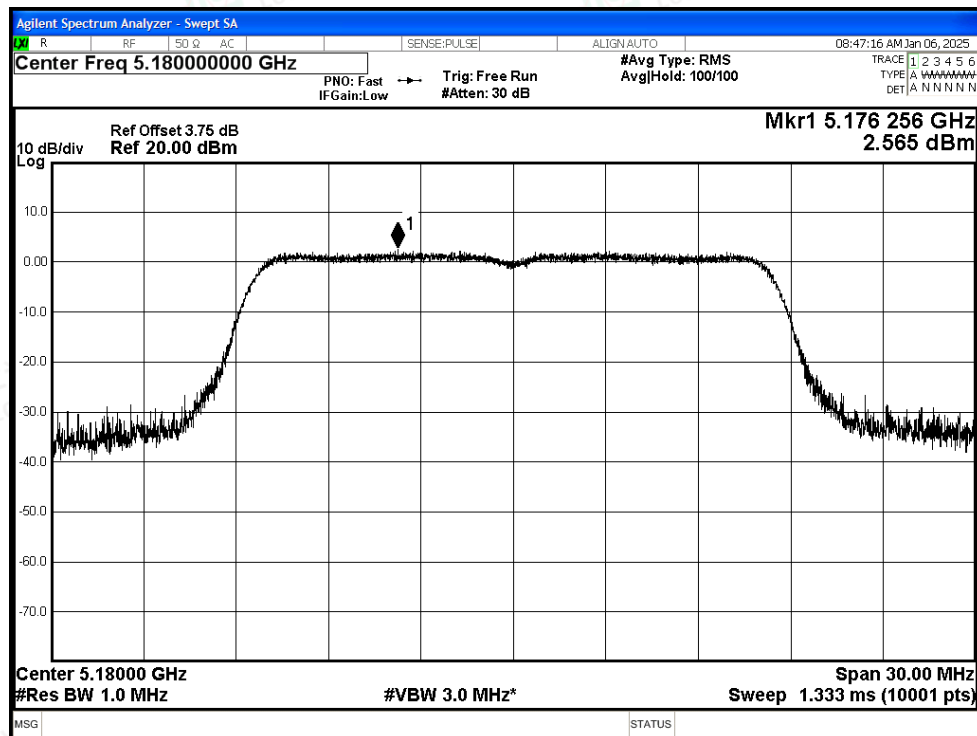


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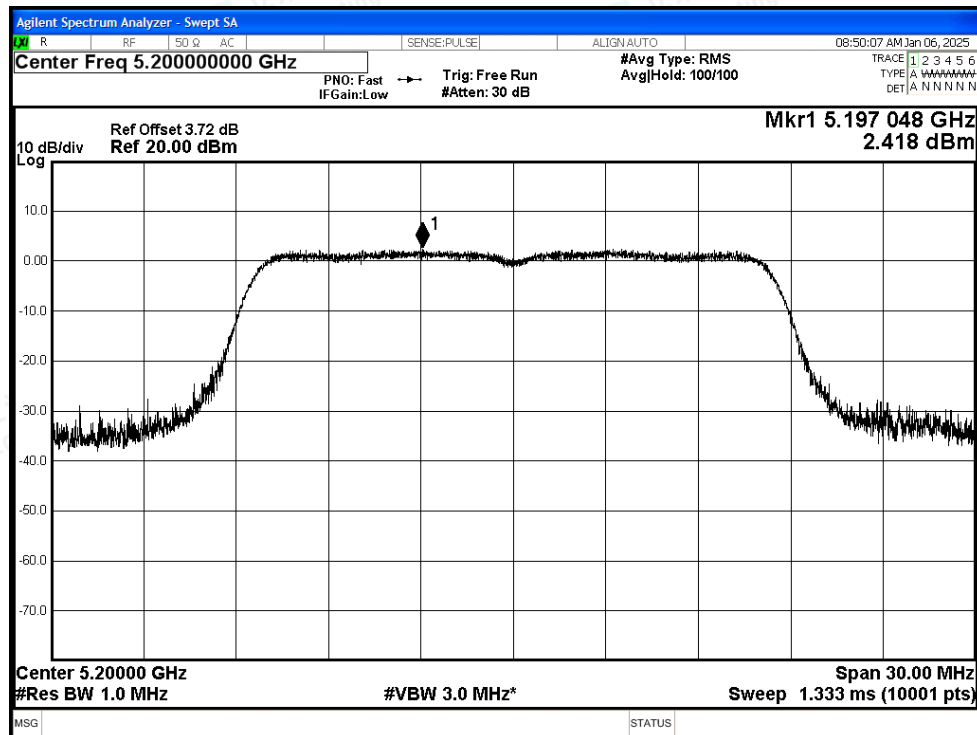


Test Graphs

PSD NVNT a 5180MHz Ant0

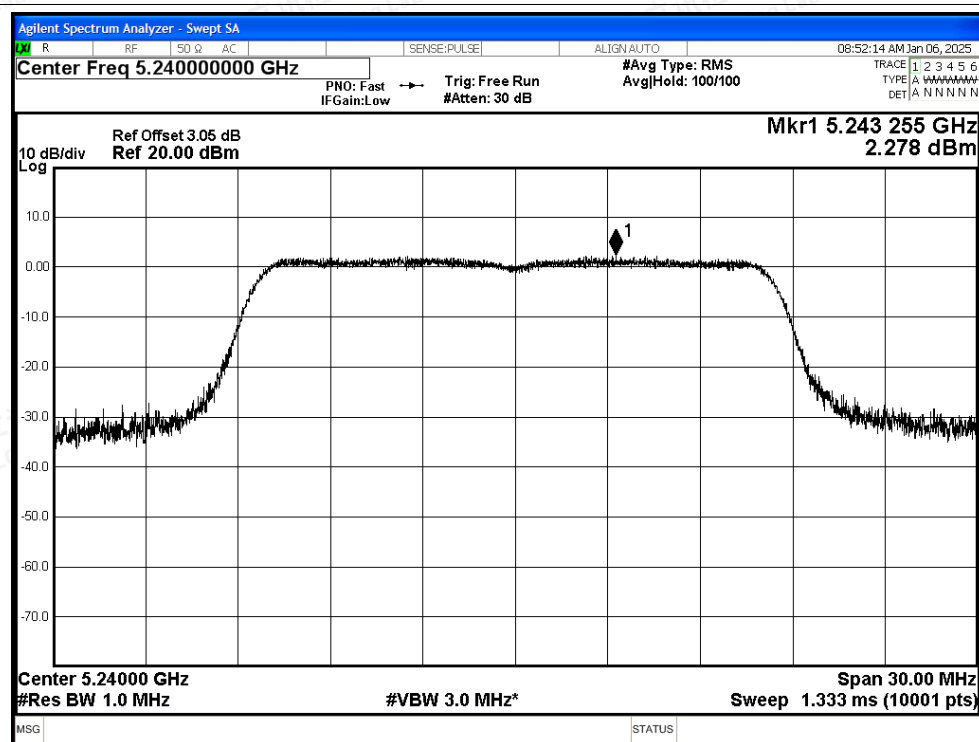


PSD NVNT a 5200MHz Ant0

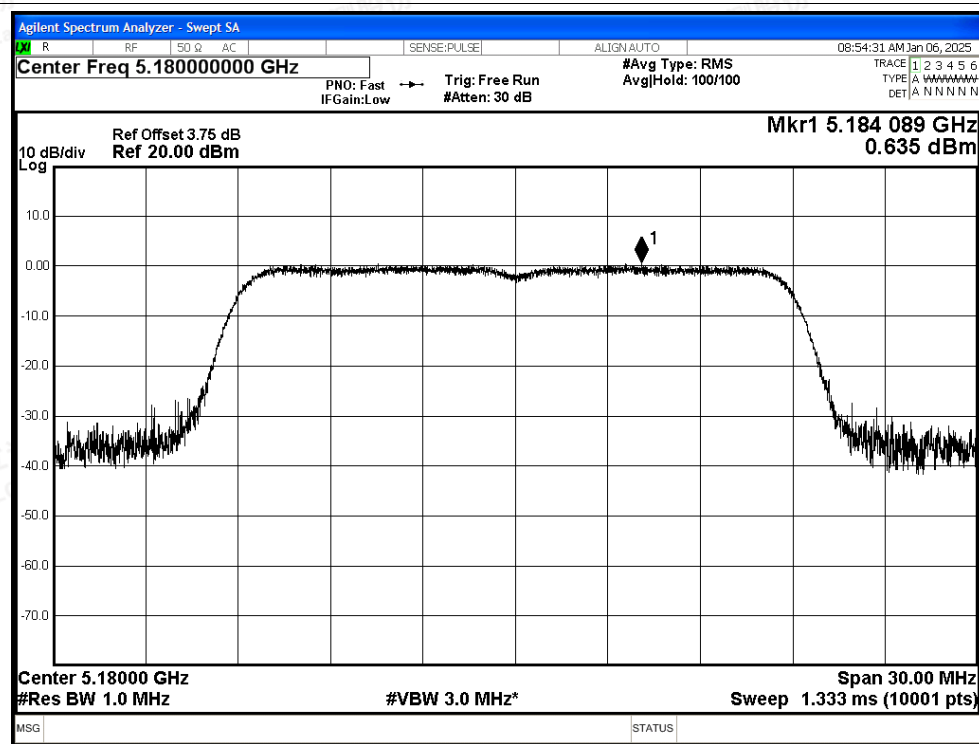


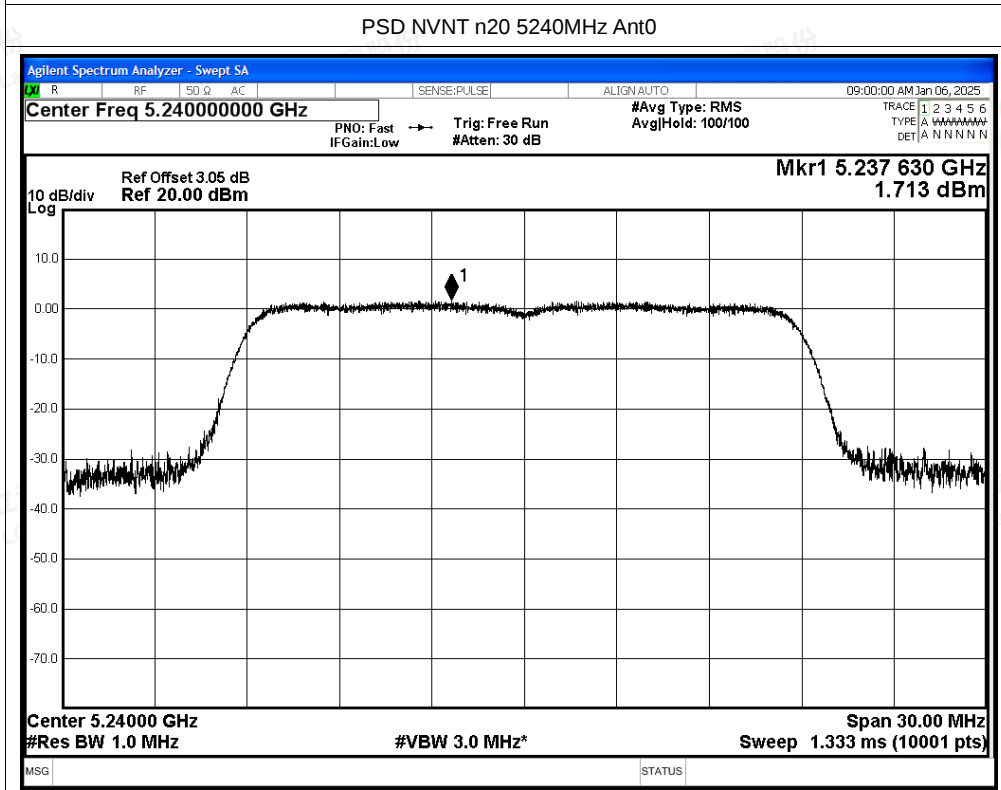
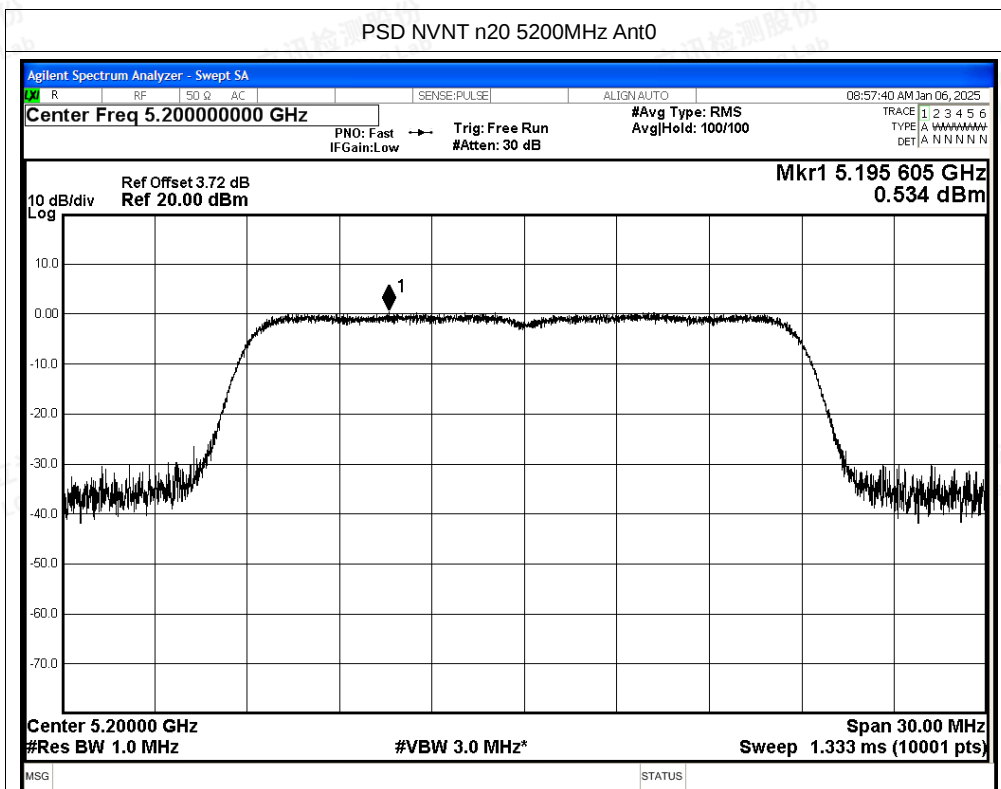


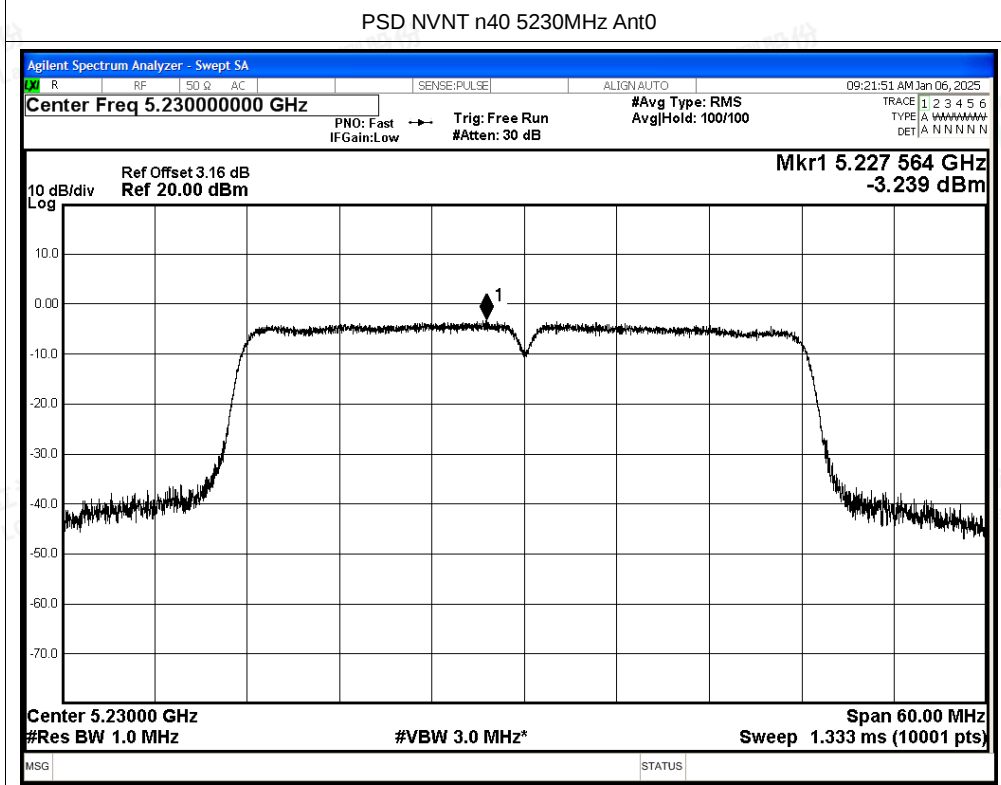
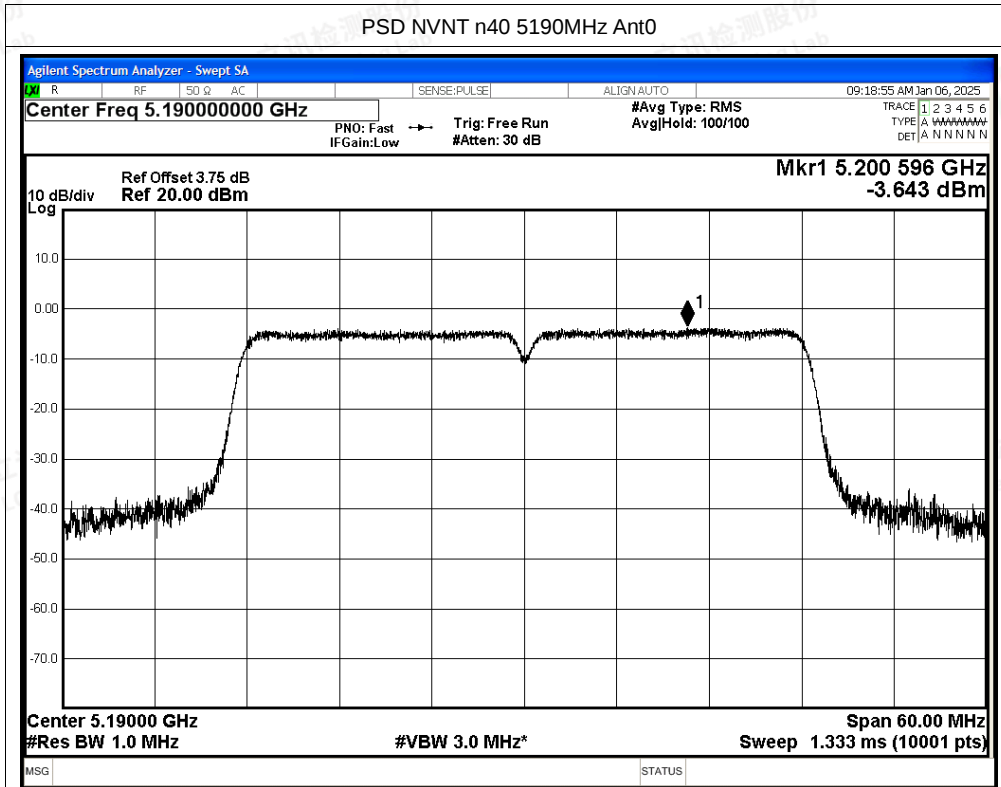
PSD NVNT a 5240MHz Ant0

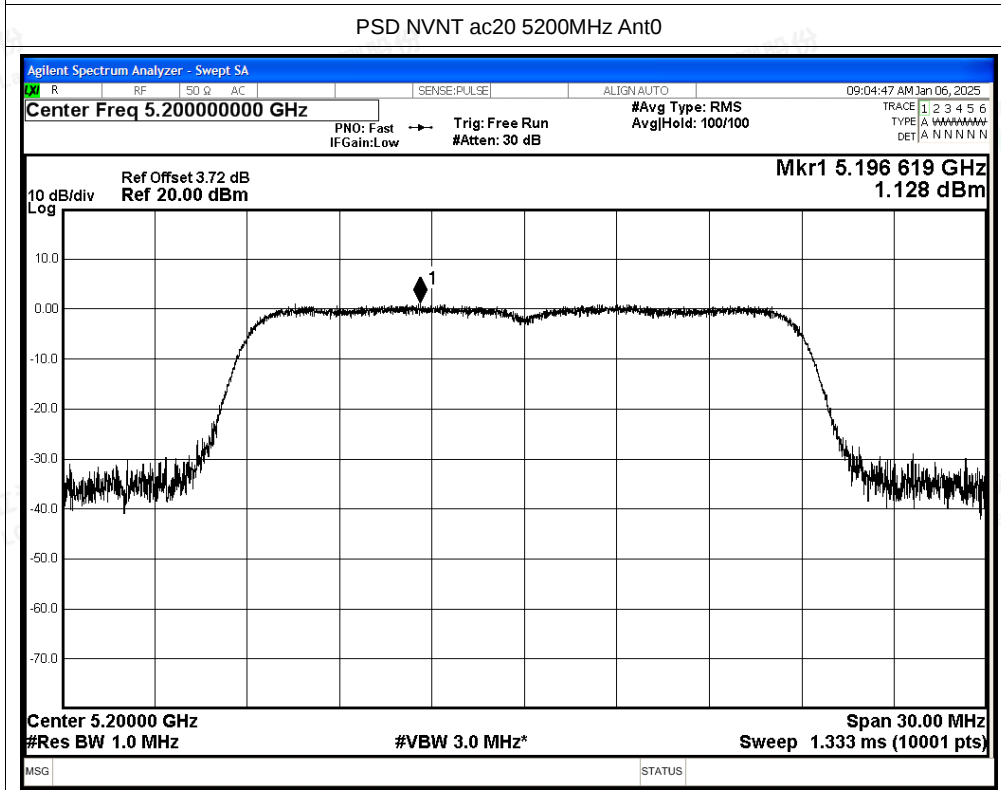
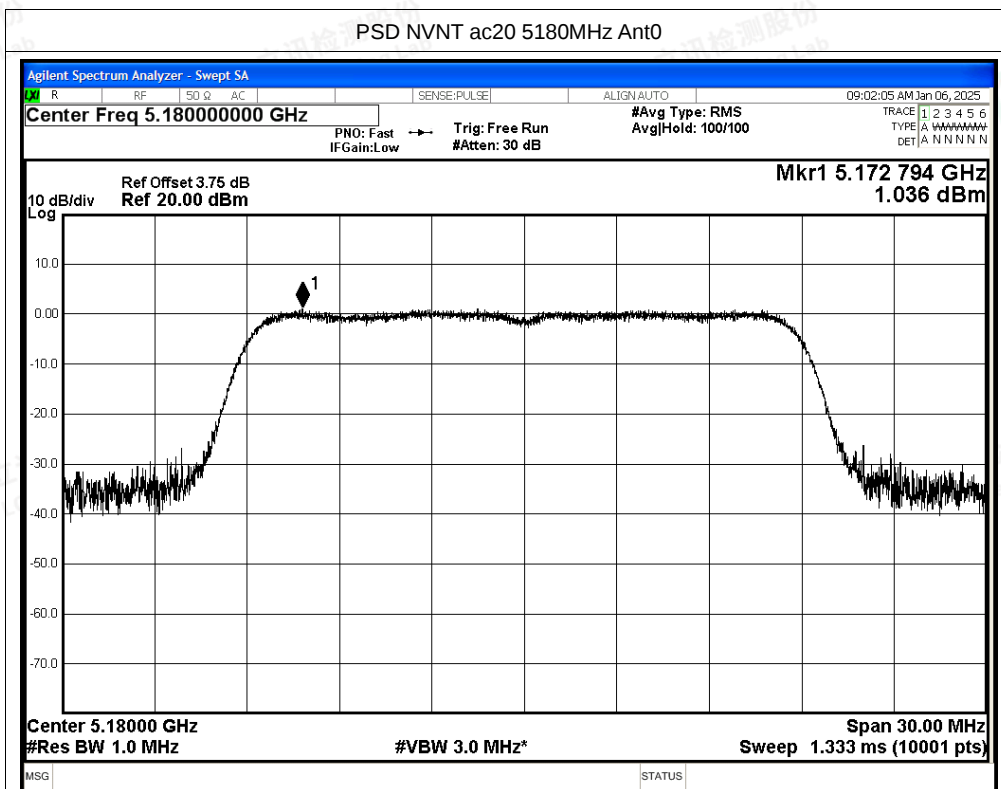


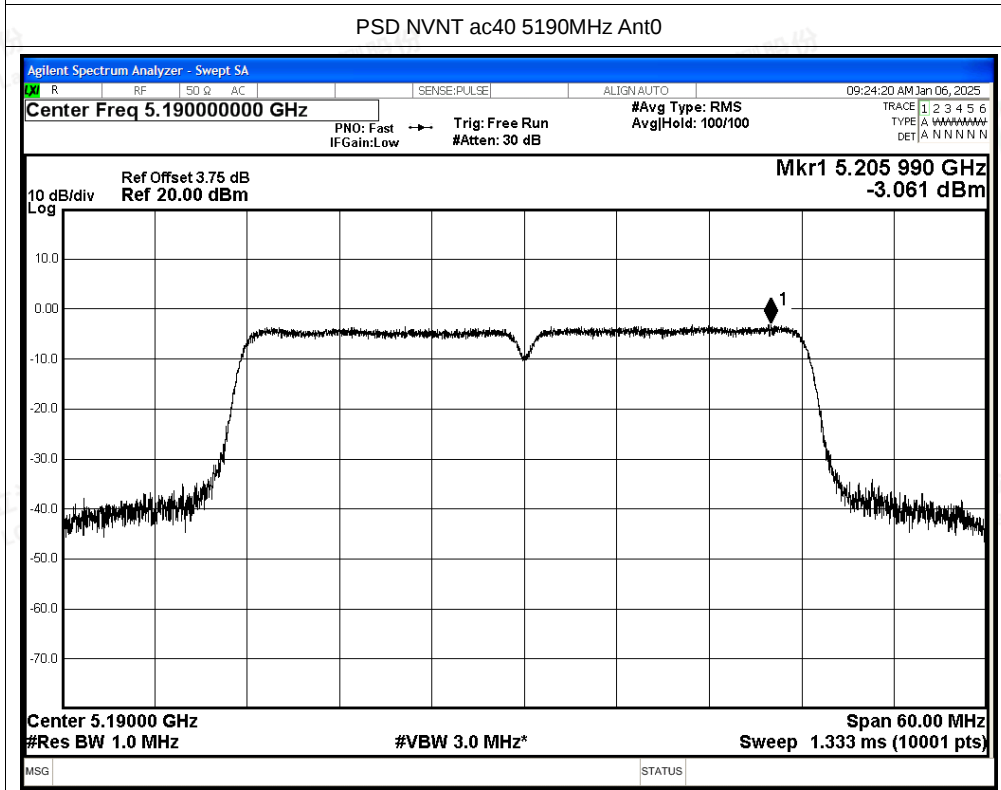
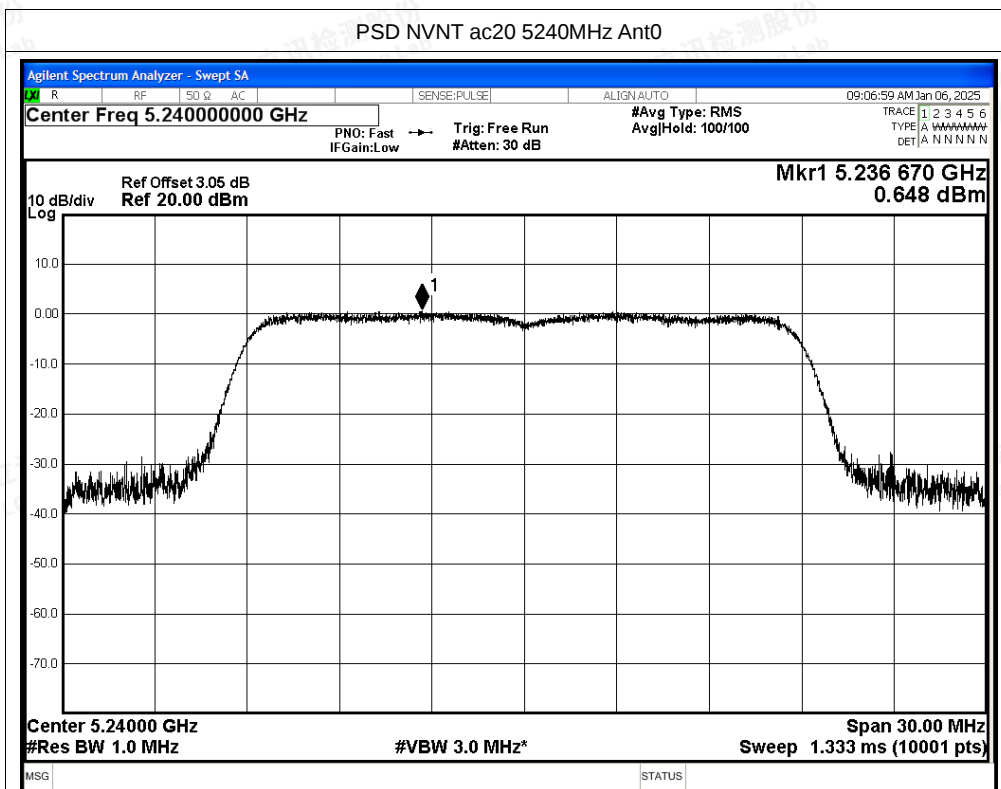
PSD NVNT n20 5180MHz Ant0

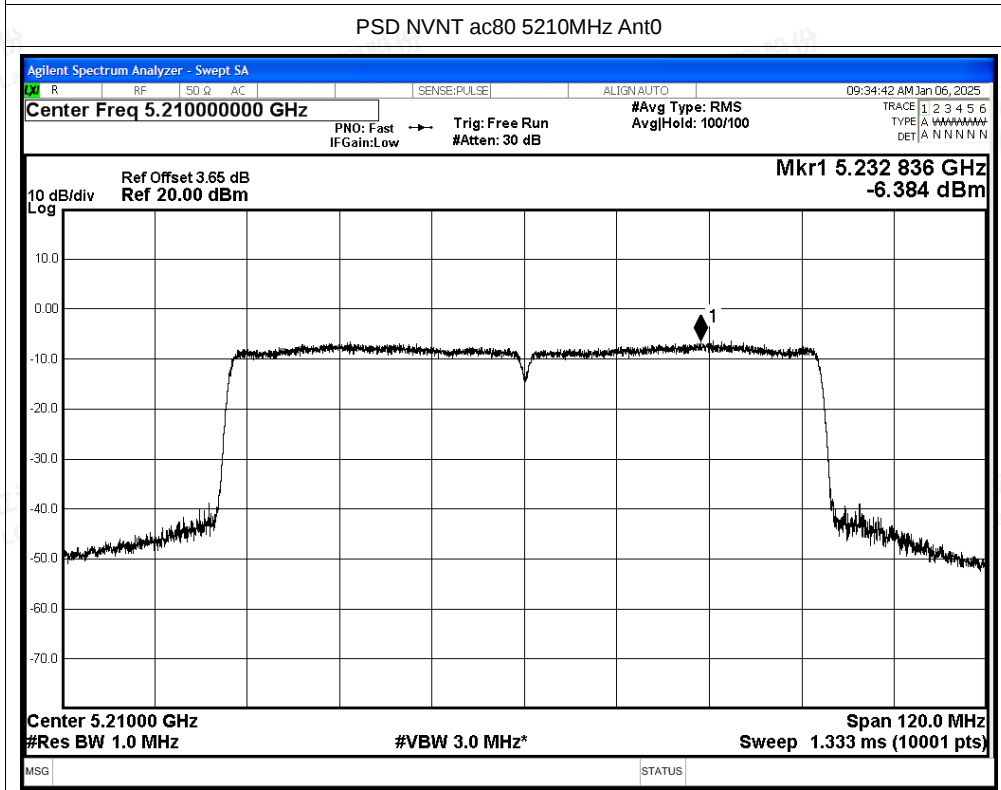
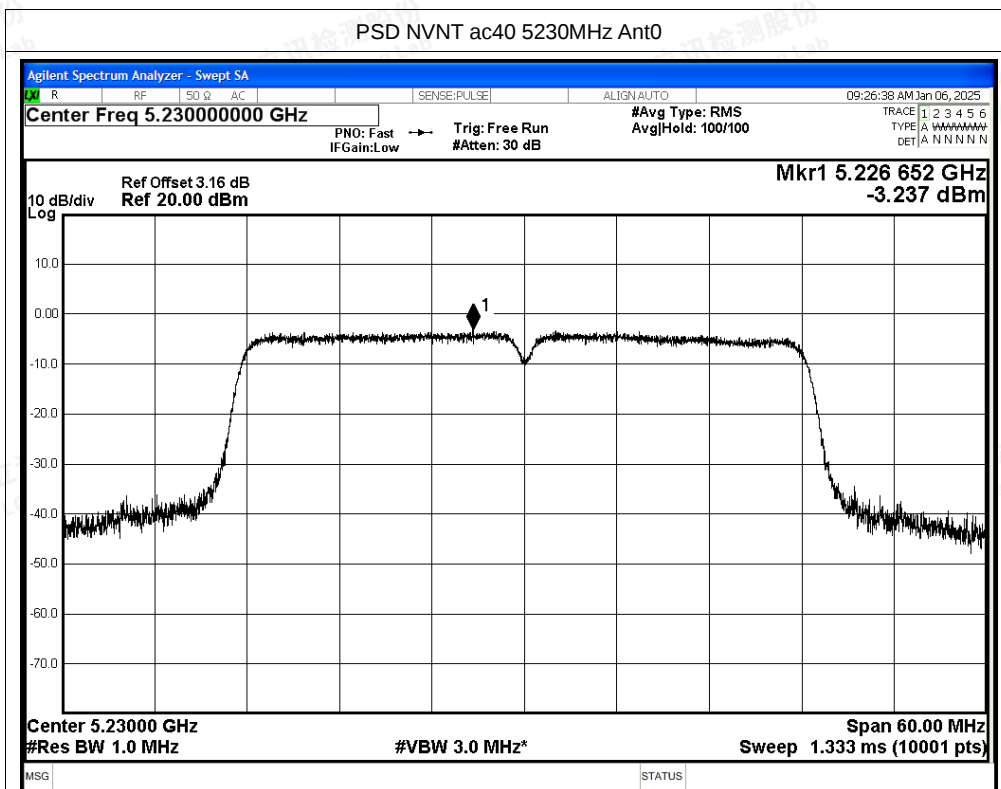


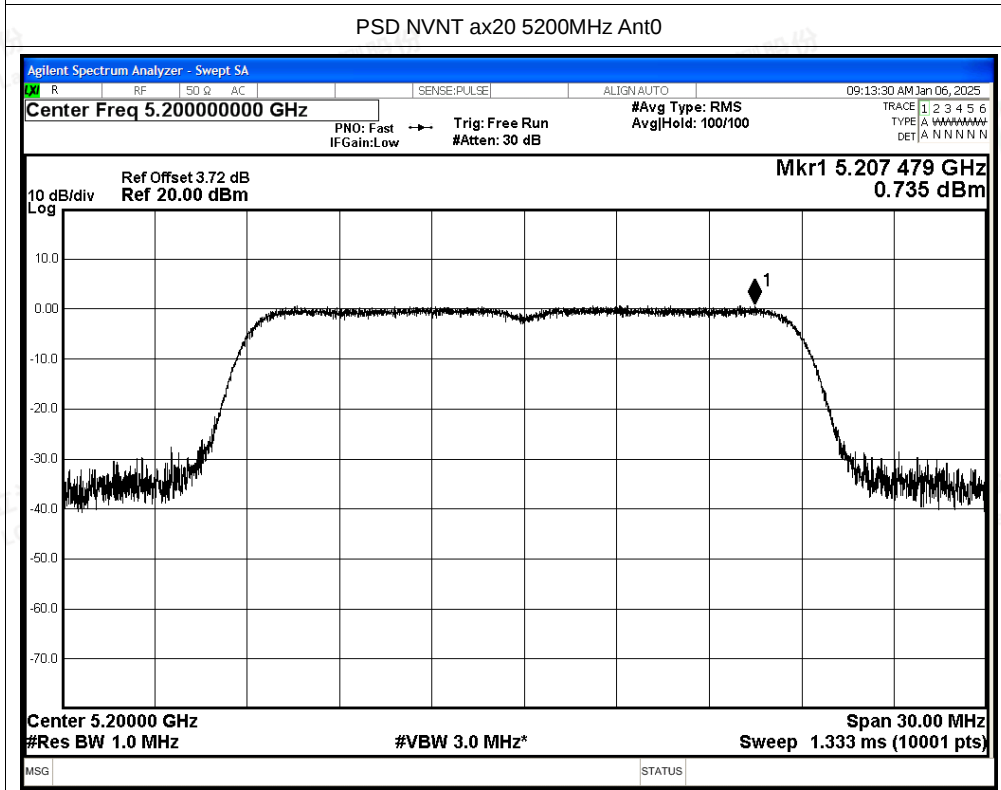
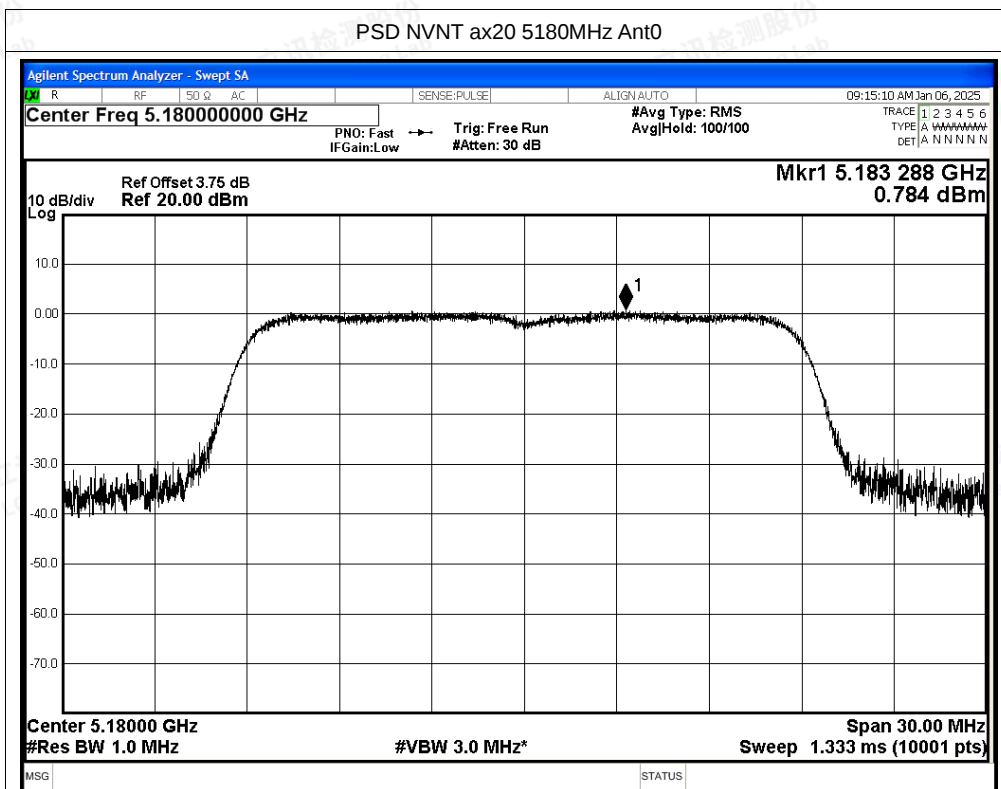


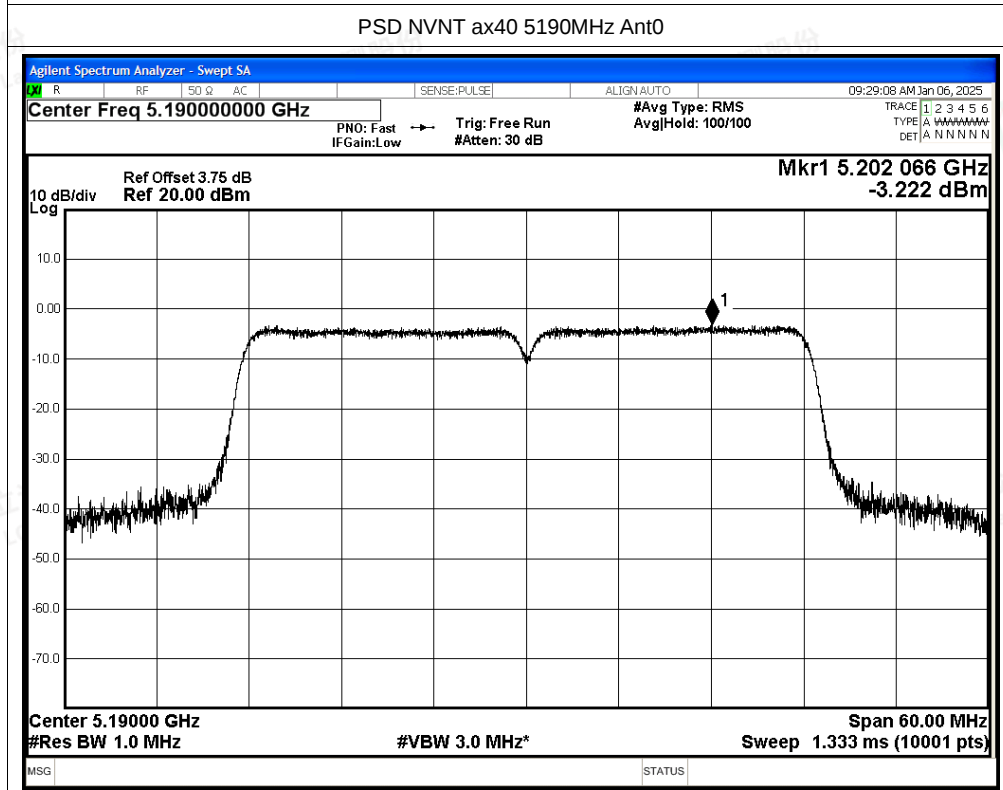
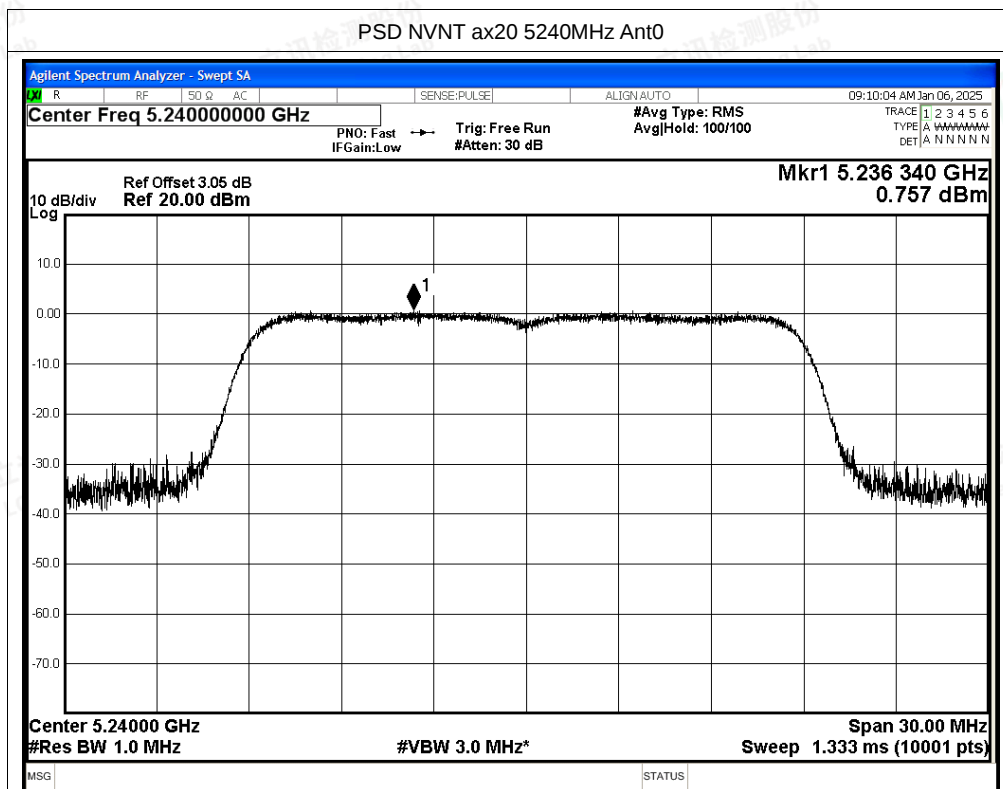


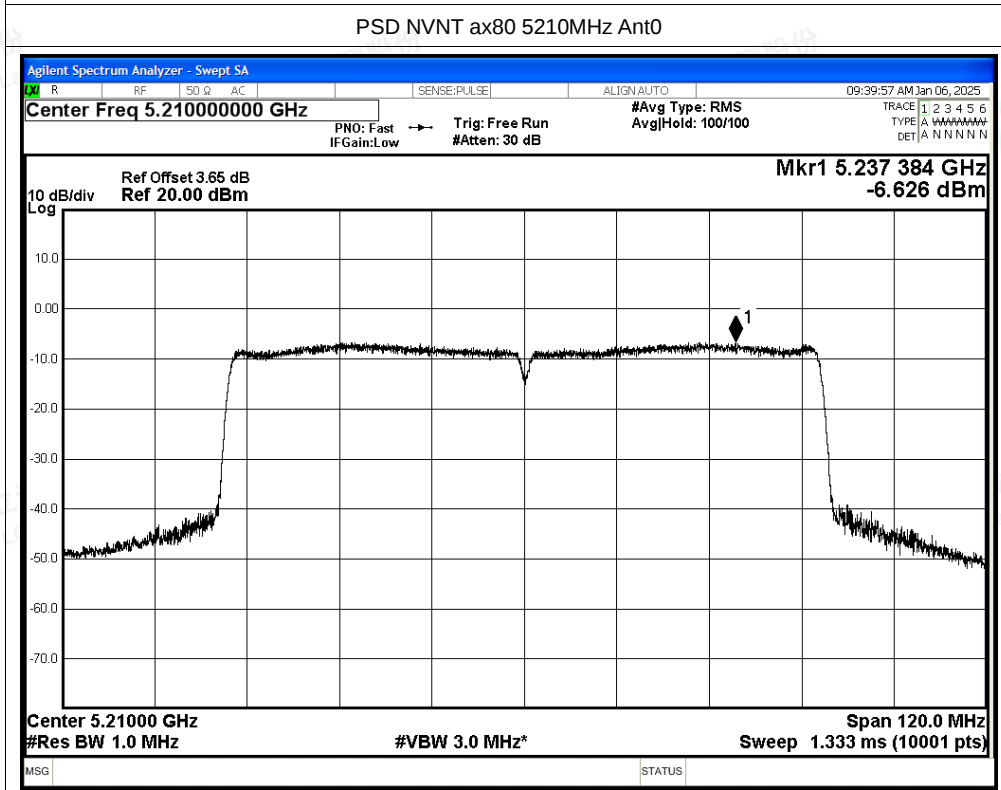
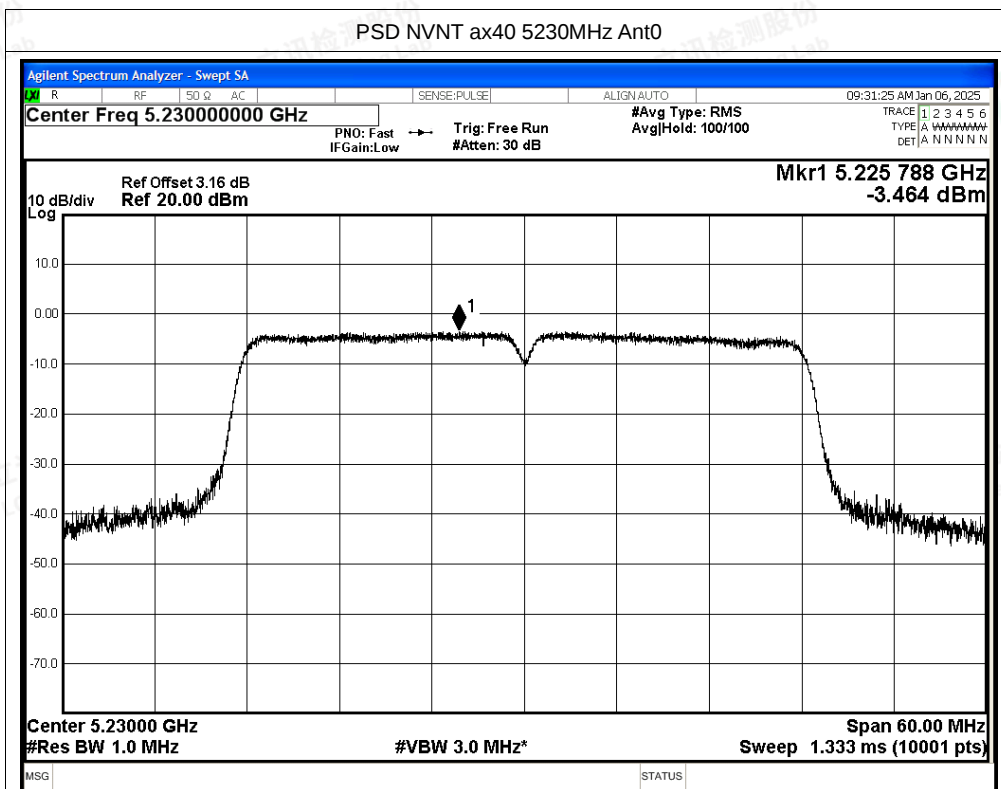














Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	1.14	0.24	1.38	11	Pass
NVNT	a	5200	Ant1	1.06	0.24	1.3	11	Pass
NVNT	a	5240	Ant1	0.66	0.24	0.9	11	Pass
NVNT	n20	5180	Ant1	-0.49	0.28	-0.21	11	Pass
NVNT	n20	5200	Ant1	0.56	0.28	0.84	11	Pass
NVNT	n20	5240	Ant1	-0.27	0.28	0.01	11	Pass
NVNT	n40	5190	Ant1	-4.89	0.12	-4.77	11	Pass
NVNT	n40	5230	Ant1	-4.08	0.12	-3.96	11	Pass
NVNT	ac20	5180	Ant1	-0.67	0.28	-0.39	11	Pass
NVNT	ac20	5200	Ant1	-0.6	0.28	-0.32	11	Pass
NVNT	ac20	5240	Ant1	0.08	0.28	0.36	11	Pass
NVNT	ac40	5190	Ant1	-4.03	0.12	-3.91	11	Pass
NVNT	ac40	5230	Ant1	-3.91	0.12	-3.79	11	Pass
NVNT	ac80	5210	Ant1	-8.43	0.25	-8.18	11	Pass
NVNT	ax20	5180	Ant1	-0.58	0.28	-0.3	11	Pass
NVNT	ax20	5200	Ant1	-0.67	0.28	-0.39	11	Pass
NVNT	ax20	5240	Ant1	-0.42	0.28	-0.14	11	Pass
NVNT	ax40	5190	Ant1	-3.98	0.12	-3.86	11	Pass
NVNT	ax40	5230	Ant1	-3.98	0.12	-3.86	11	Pass
NVNT	ax80	5210	Ant1	-8.17	0.25	-7.92	11	Pass

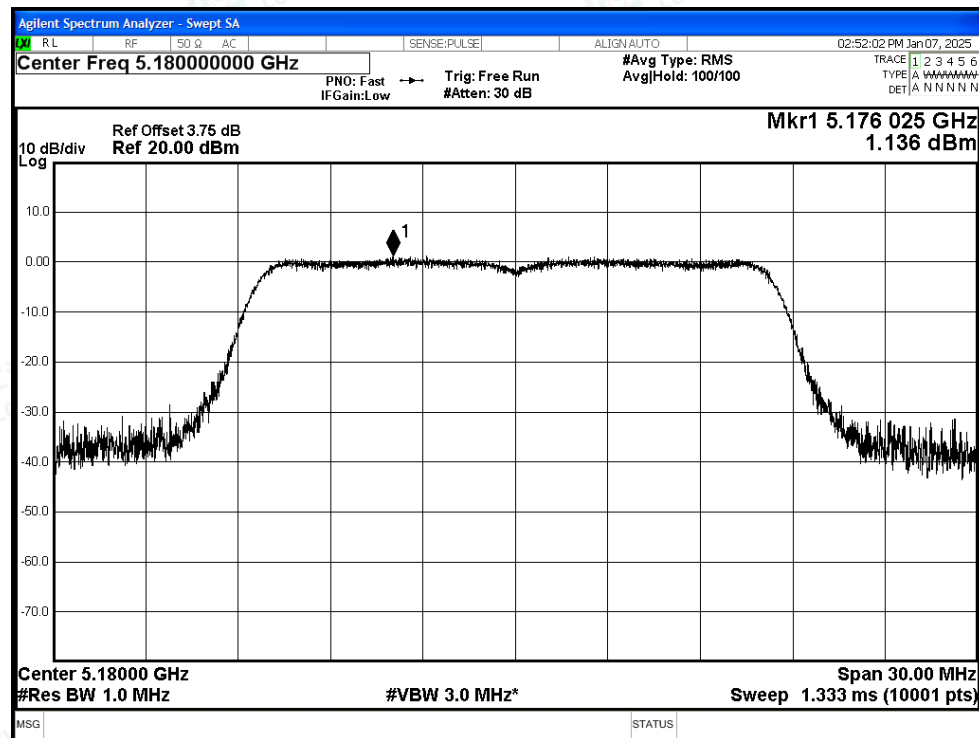


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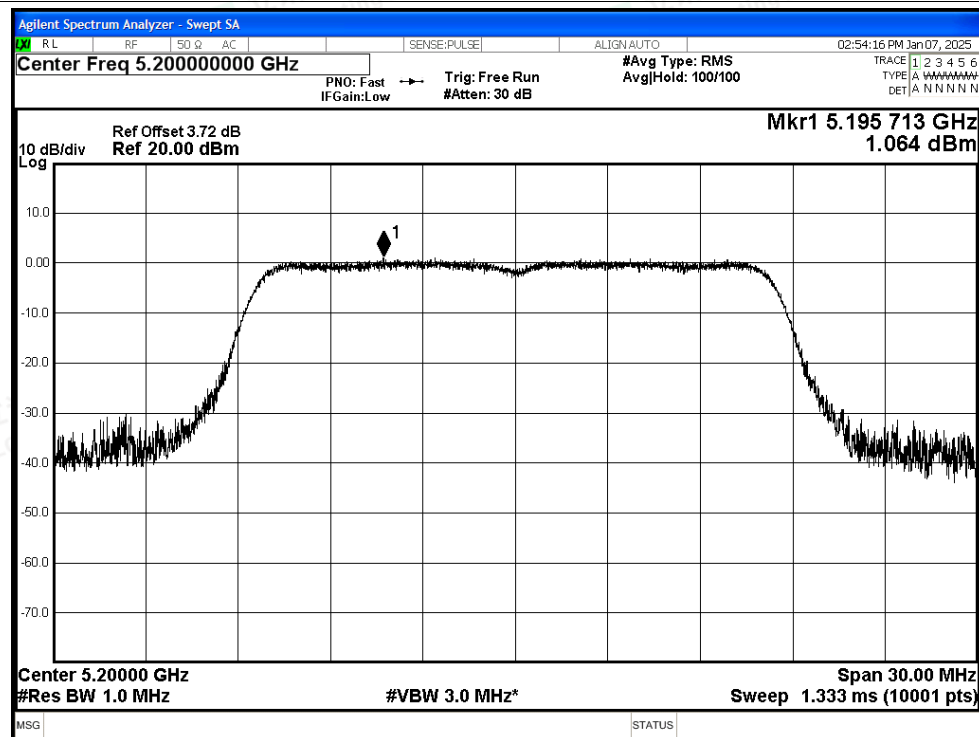


Test Graphs

PSD NVNT a 5180MHz Ant1

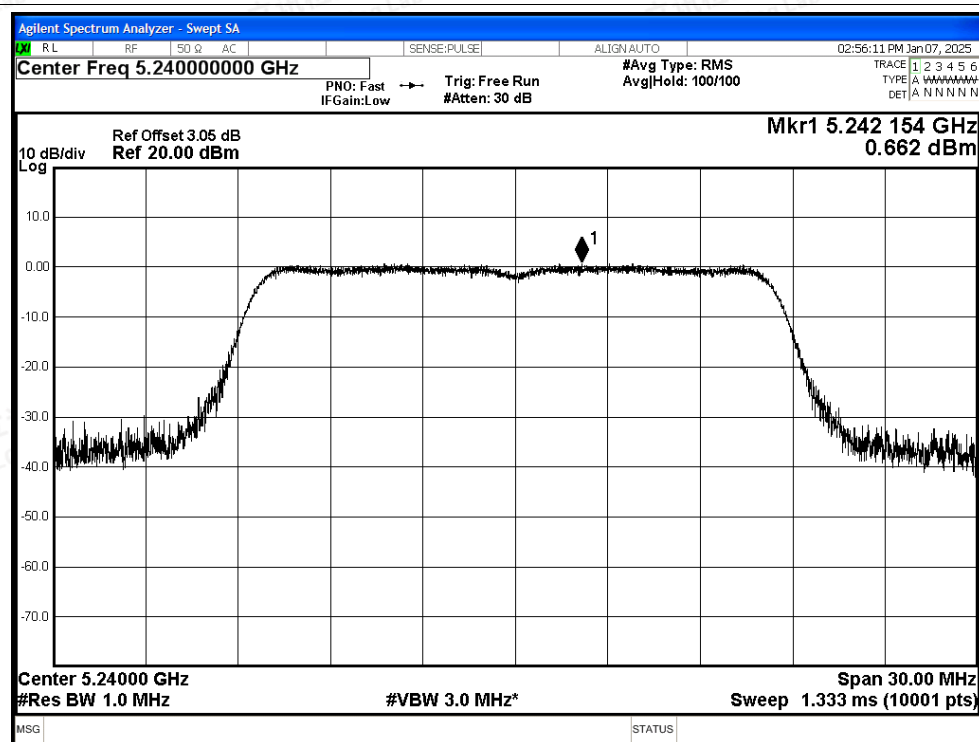


PSD NVNT a 5200MHz Ant1

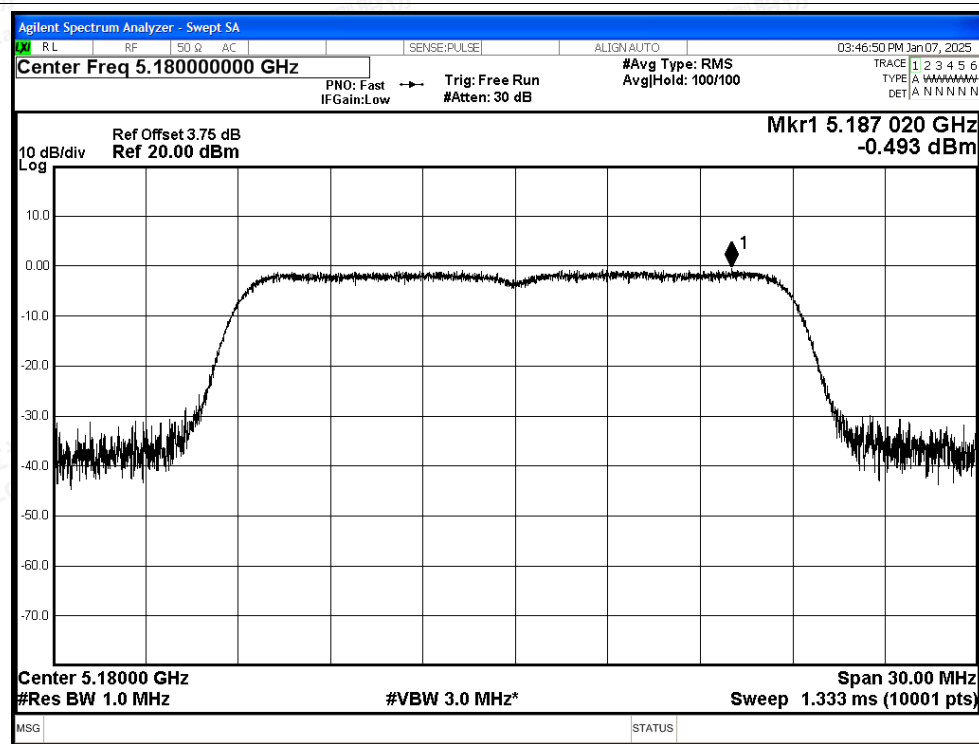


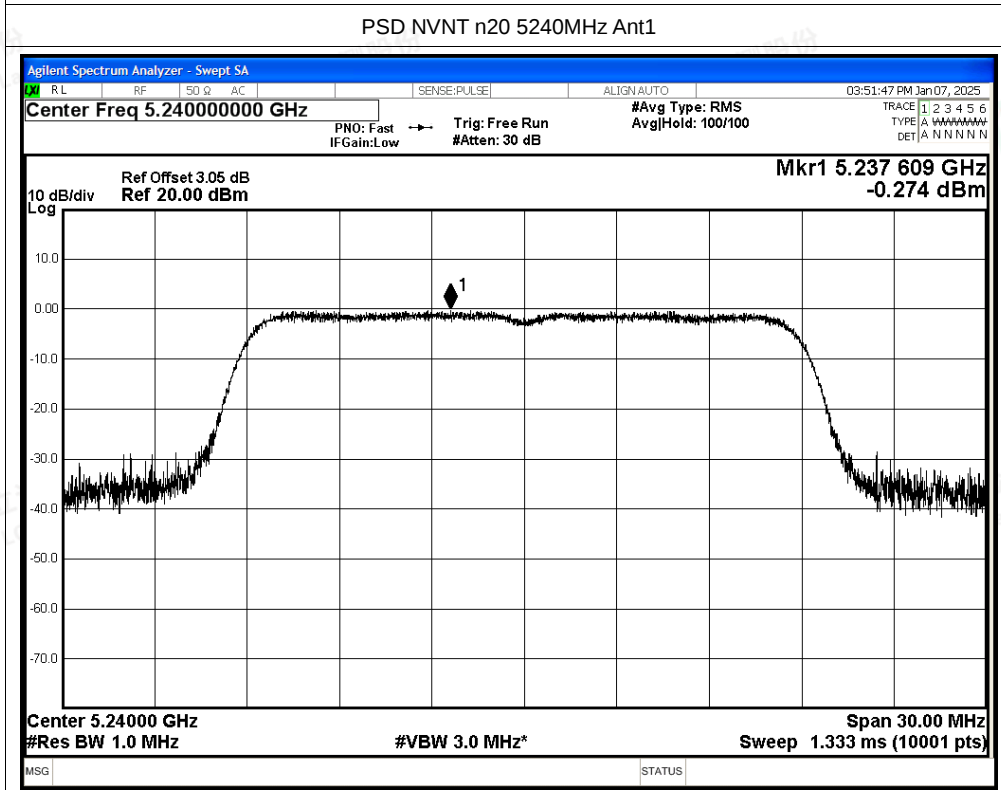
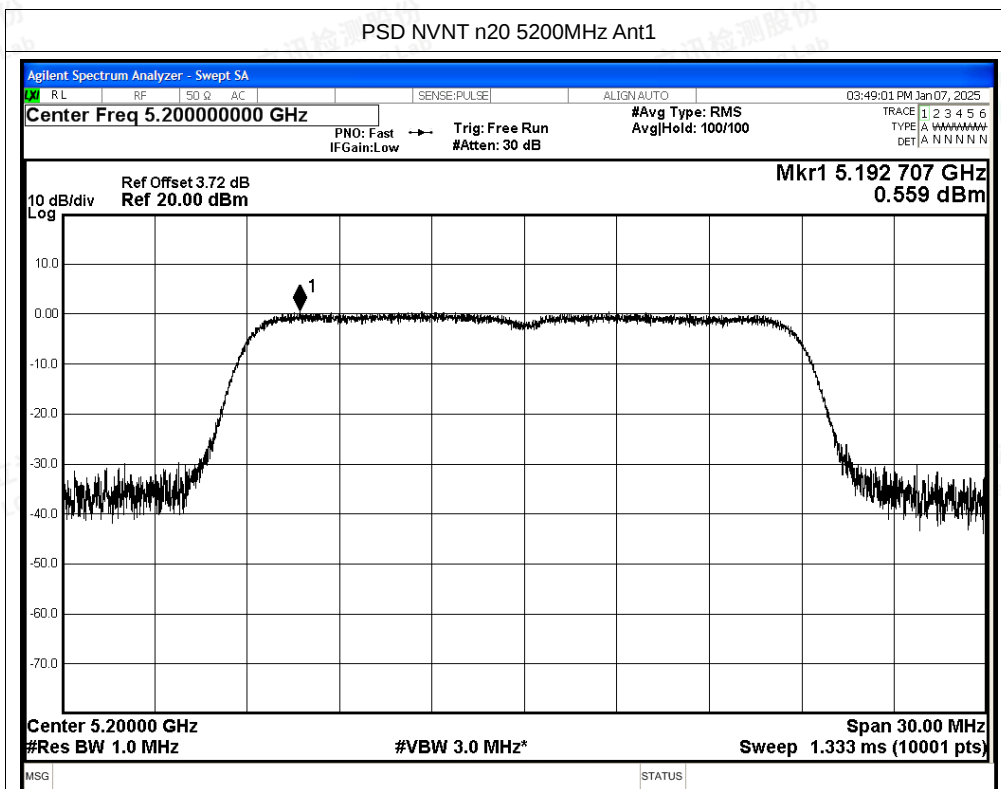


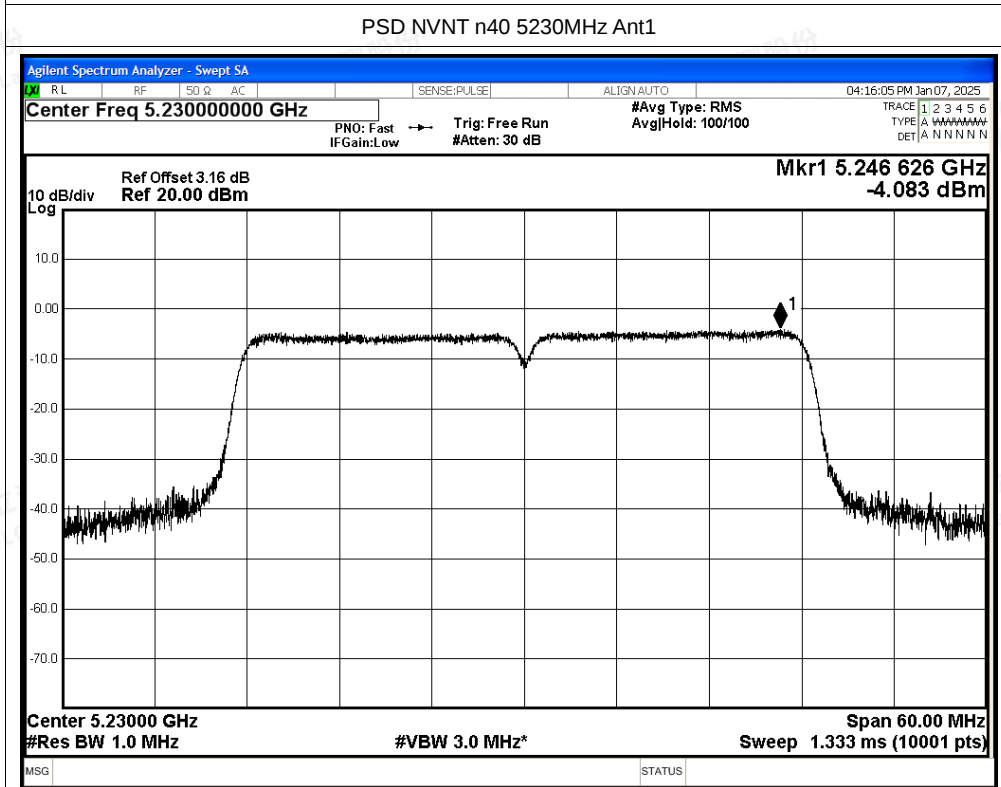
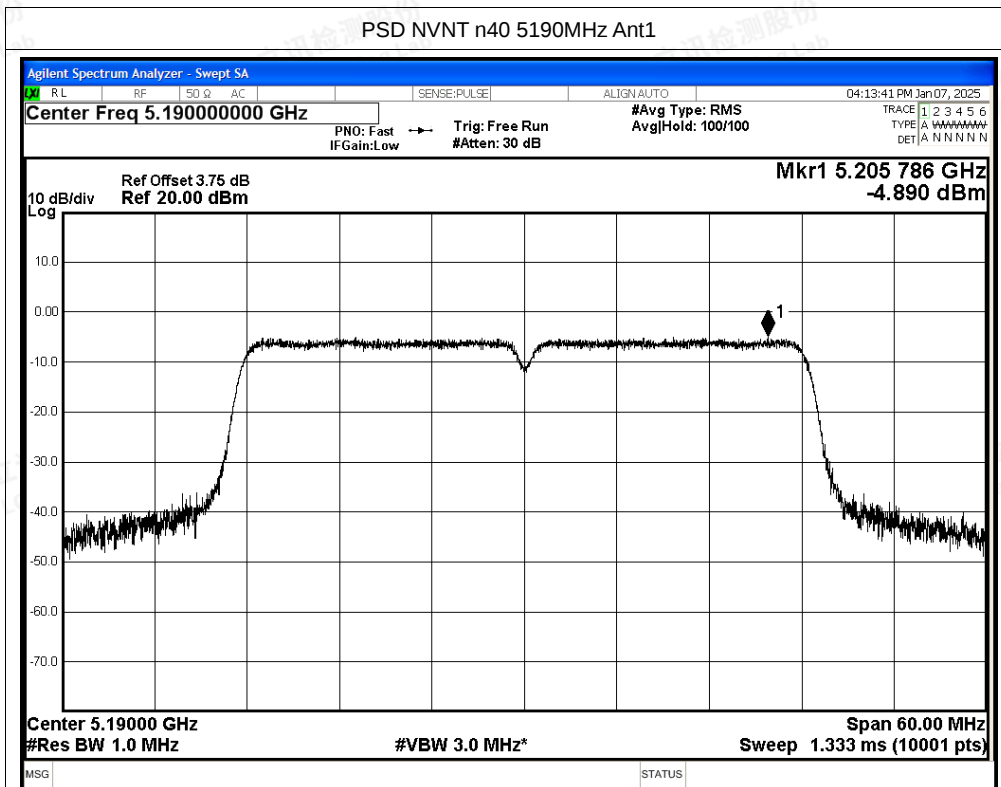
PSD NVNT a 5240MHz Ant1

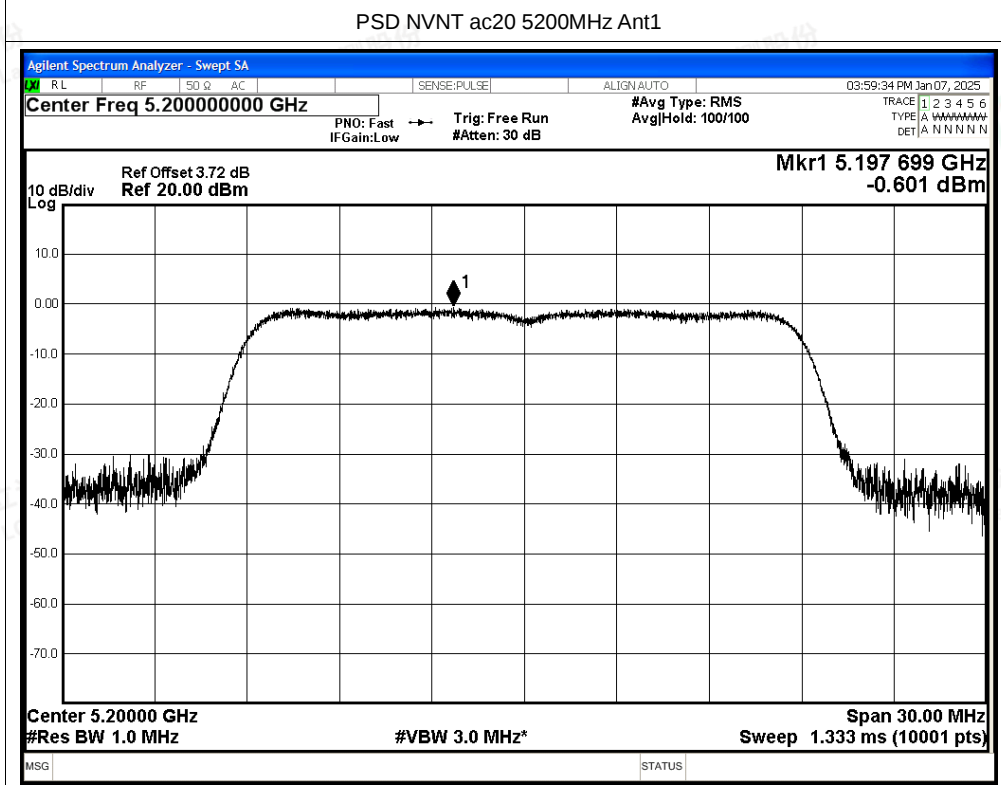
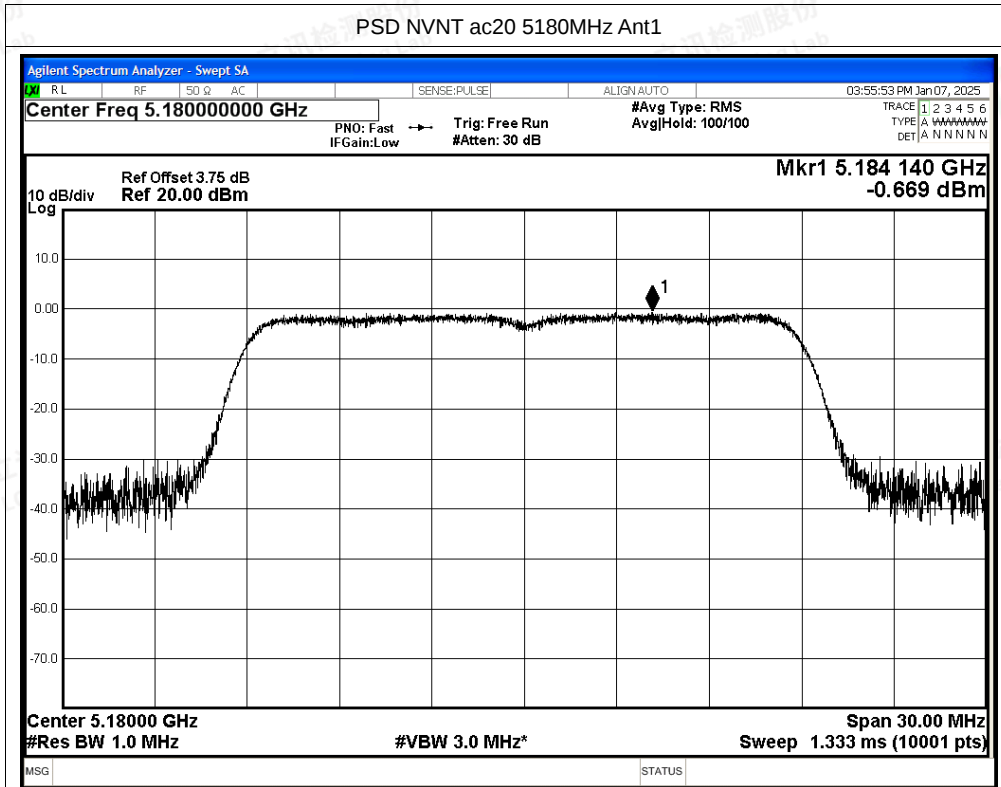


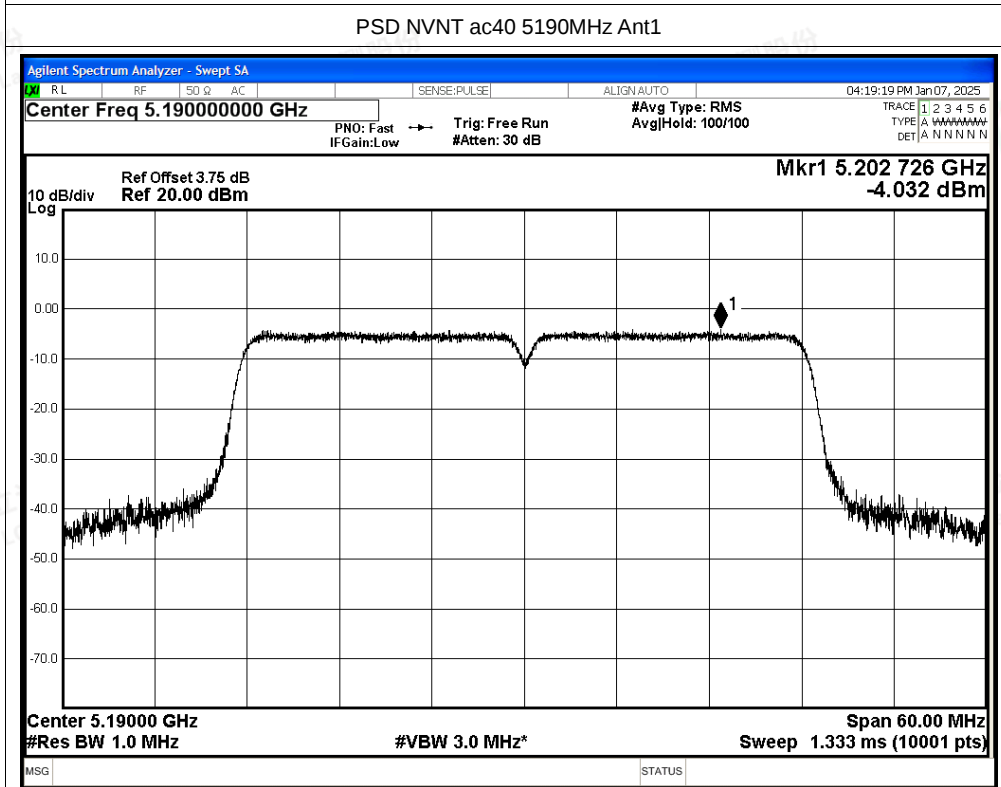
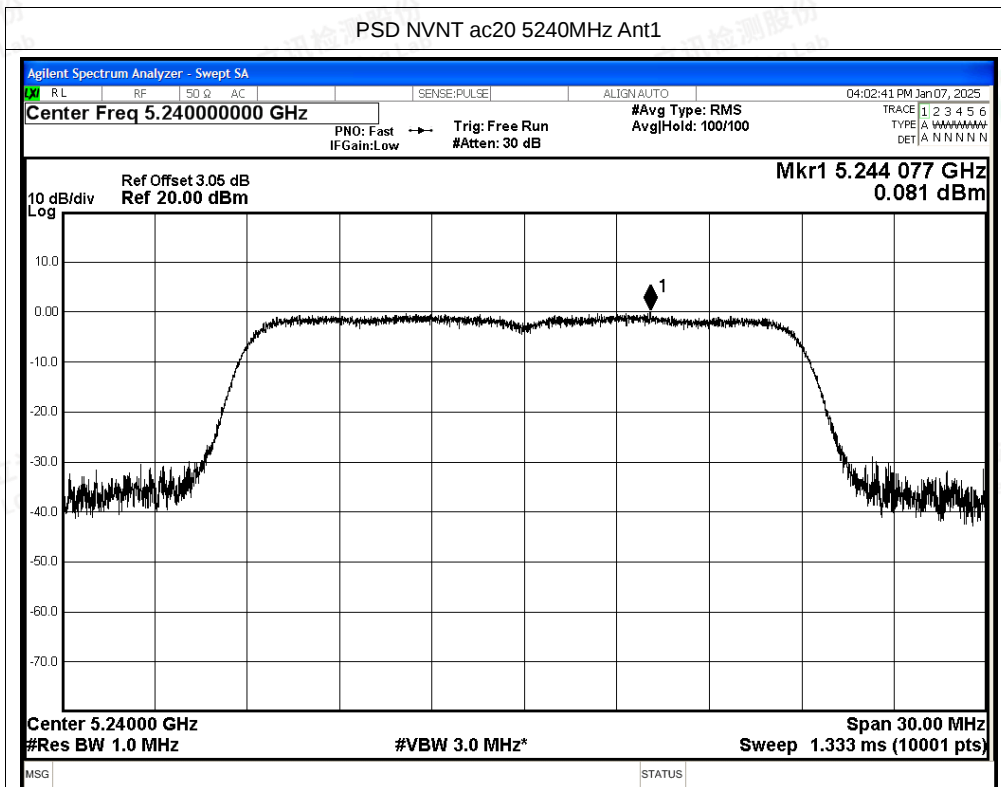
PSD NVNT n20 5180MHz Ant1

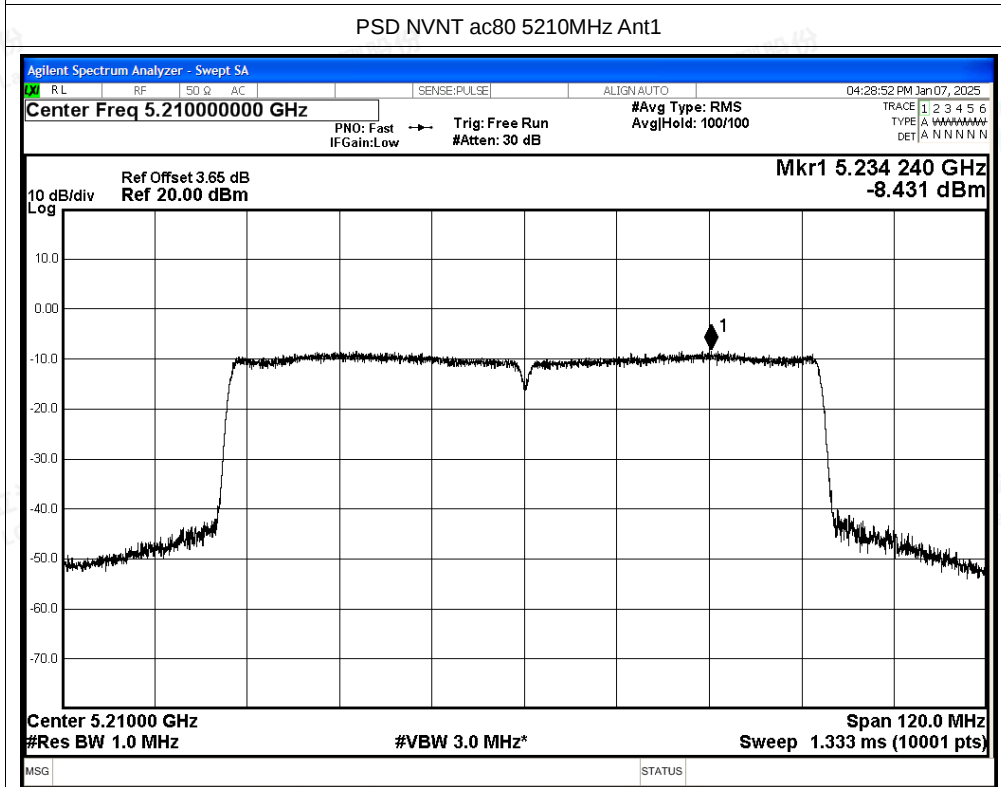
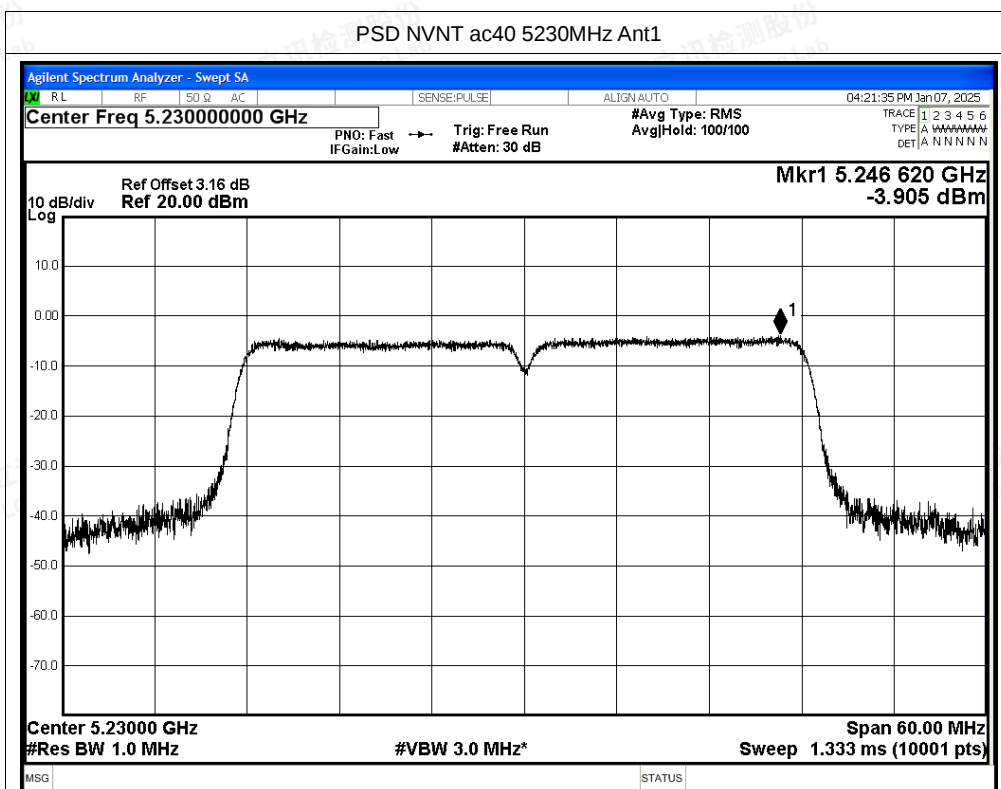




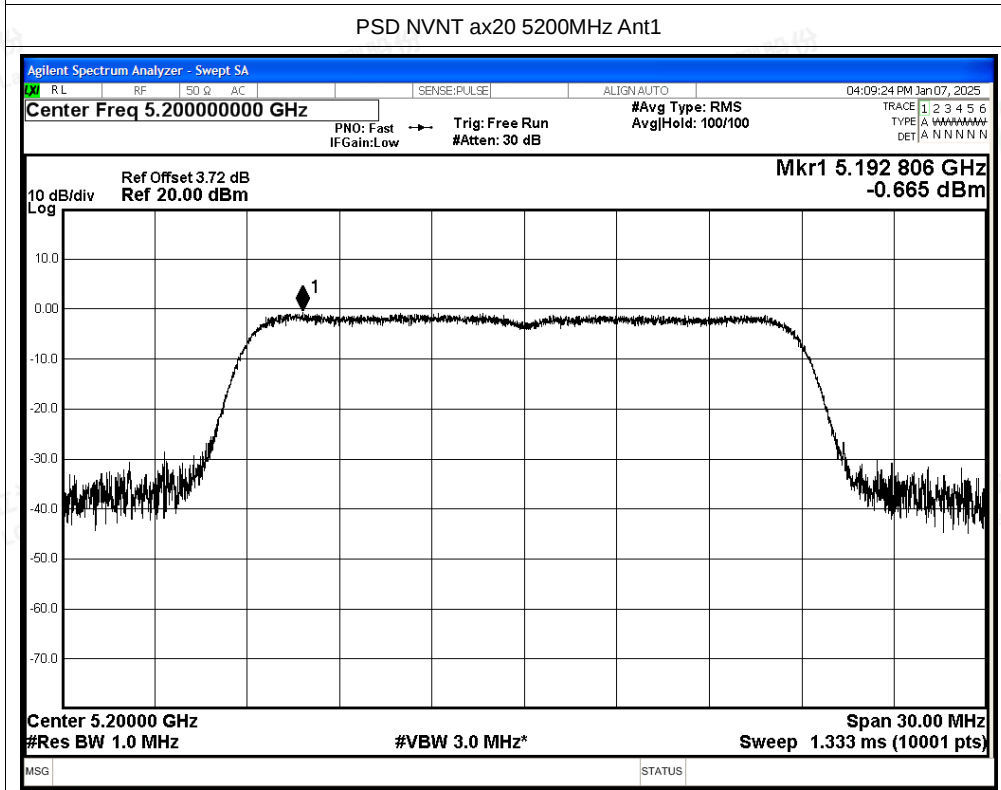
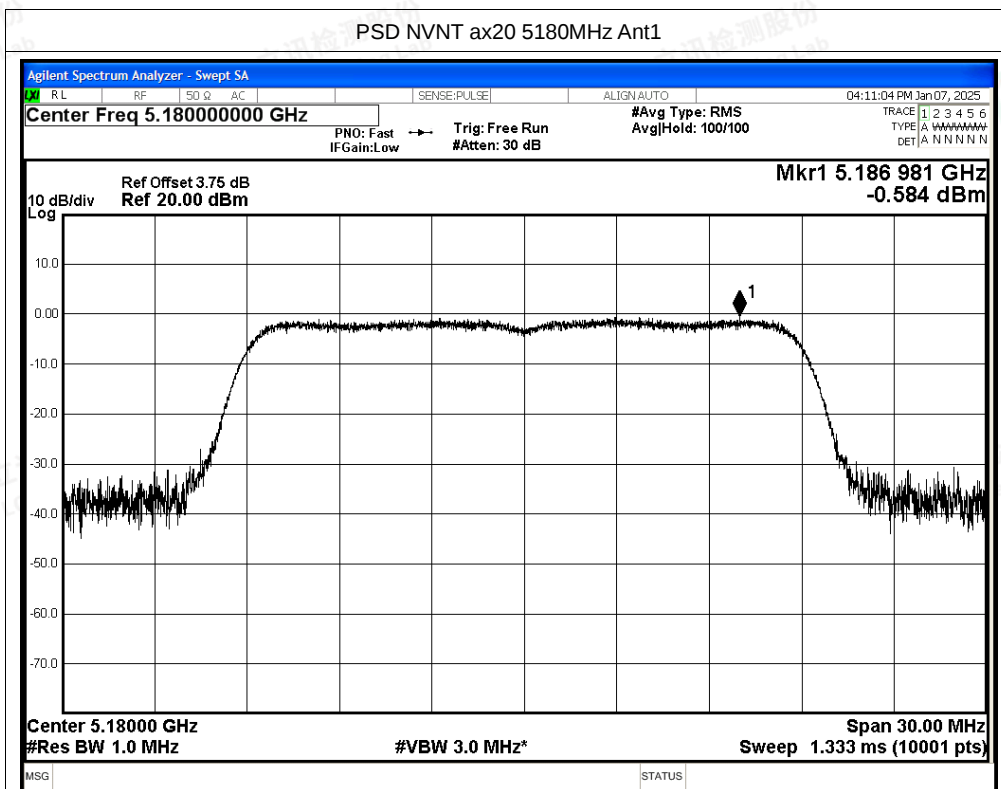


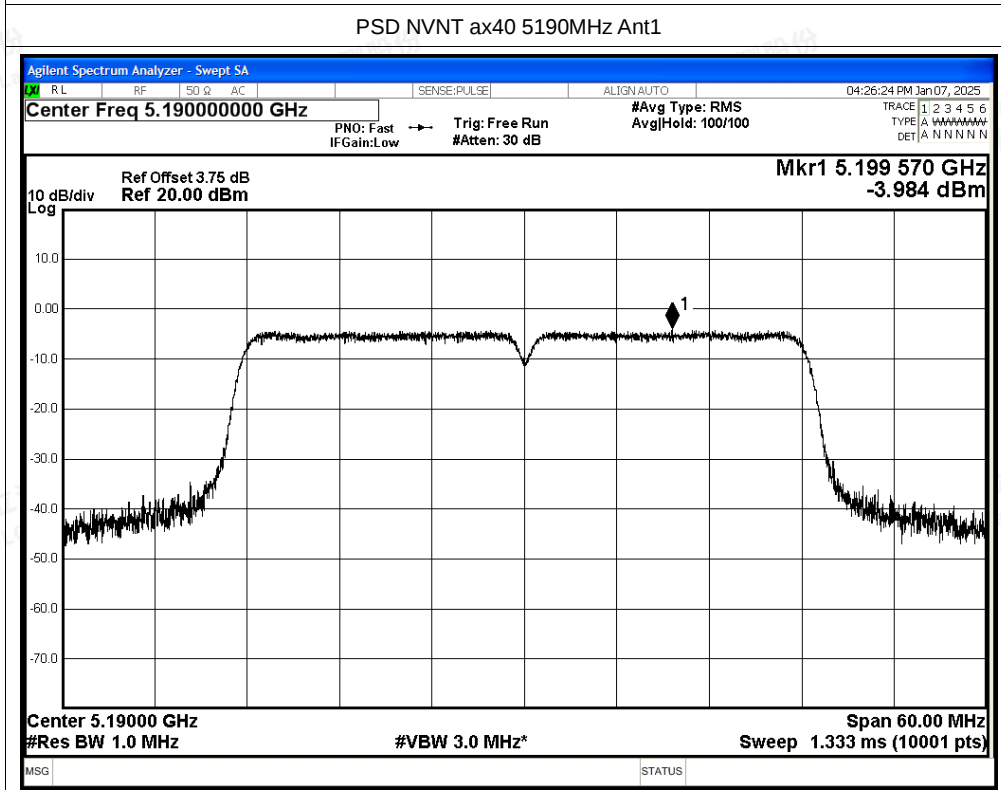
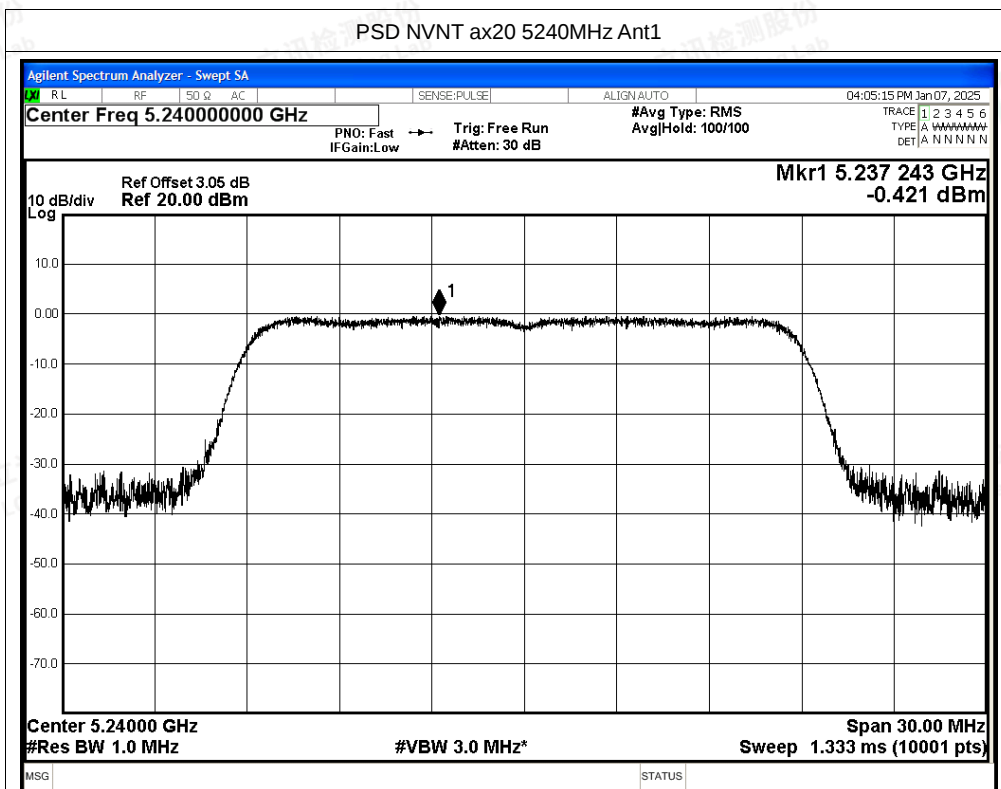


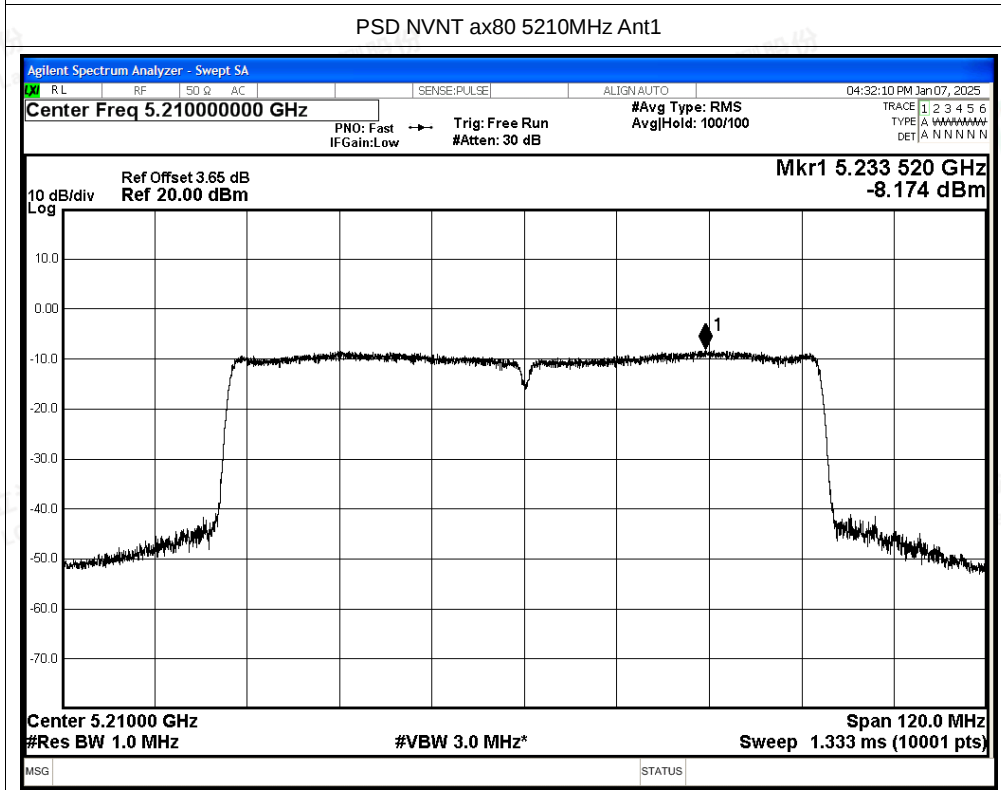
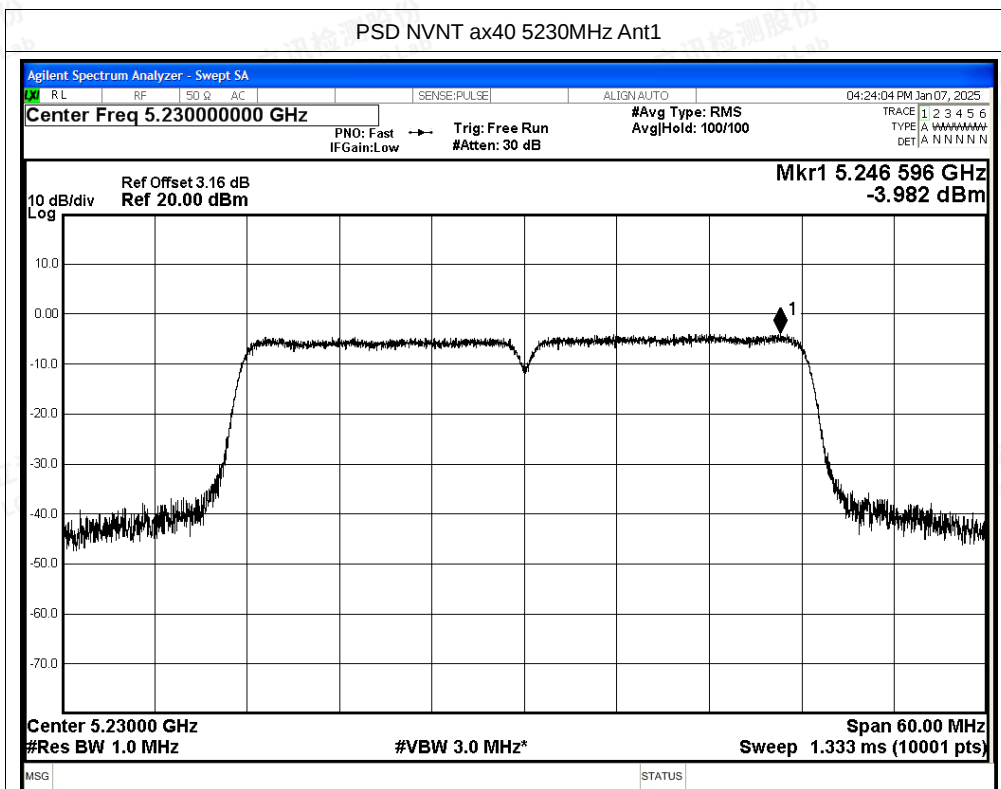




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D.4 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5180	Ant0	4500	-49.81	2.79	-	48.21	Peak	68.2	Pass
NVNT	a	5180	Ant0	4500	-58.03	2.79	0.24	40.23	Average	54	Pass
NVNT	a	5180	Ant0	5148.9	-43.44	2.79	-	54.58	Peak	68.2	Pass
NVNT	a	5180	Ant0	5148.9	-54.55	2.79	0.24	43.71	Average	54	Pass
NVNT	a	5180	Ant0	5150	-43.68	2.79	-	54.34	Peak	68.2	Pass
NVNT	a	5180	Ant0	5150	-54.06	2.79	0.24	44.20	Average	54	Pass
NVNT	a	5240	Ant0	5350	-48.57	2.79	-	49.45	Peak	68.2	Pass
NVNT	a	5240	Ant0	5350	-57.2	2.79	0.24	41.06	Average	54	Pass
NVNT	a	5240	Ant0	5370	-46.66	2.79	-	51.36	Peak	68.2	Pass
NVNT	a	5240	Ant0	5351.28	-56.52	2.79	0.24	41.74	Average	54	Pass
NVNT	a	5240	Ant0	5460	-49.44	2.79	-	48.58	Peak	68.2	Pass
NVNT	a	5240	Ant0	5460	-58.02	2.79	0.24	40.24	Average	54	Pass
NVNT	n20	5180	Ant0	4500	-50.29	2.79	-	47.73	Peak	68.2	Pass
NVNT	n20	5180	Ant0	4500	-58.12	2.79	0.28	40.18	Average	54	Pass
NVNT	n20	5180	Ant0	5145.4	-43.53	2.79	-	54.49	Peak	68.2	Pass
NVNT	n20	5180	Ant0	5149.6	-54.63	2.79	0.28	43.67	Average	54	Pass
NVNT	n20	5180	Ant0	5150	-44.66	2.79	-	53.36	Peak	68.2	Pass
NVNT	n20	5180	Ant0	5150	-54.58	2.79	0.28	43.72	Average	54	Pass
NVNT	n20	5240	Ant0	5350	-49.15	2.79	-	48.87	Peak	68.2	Pass
NVNT	n20	5240	Ant0	5350	-57.36	2.79	0.28	40.94	Average	54	Pass
NVNT	n20	5240	Ant0	5371.2	-45.22	2.79	-	52.80	Peak	68.2	Pass
NVNT	n20	5240	Ant0	5350.8	-56.79	2.79	0.28	41.51	Average	54	Pass
NVNT	n20	5240	Ant0	5460	-50.68	2.79	-	47.34	Peak	68.2	Pass
NVNT	n20	5240	Ant0	5460	-58.06	2.79	0.28	40.24	Average	54	Pass
NVNT	n40	5190	Ant0	4500	-51.19	2.79	-	46.83	Peak	68.2	Pass
NVNT	n40	5190	Ant0	4500	-58.48	2.79	0.12	39.66	Average	54	Pass
NVNT	n40	5190	Ant0	5148.97	-44.85	2.79	-	53.17	Peak	68.2	Pass
NVNT	n40	5190	Ant0	5149.7	-53.53	2.79	0.12	44.61	Average	54	Pass
NVNT	n40	5190	Ant0	5150	-45.05	2.79	-	52.97	Peak	68.2	Pass
NVNT	n40	5190	Ant0	5150	-53.53	2.79	0.12	44.61	Average	54	Pass
NVNT	n40	5230	Ant0	5350	-49.66	2.79	-	48.36	Peak	68.2	Pass
NVNT	n40	5230	Ant0	5350	-57.98	2.79	0.12	40.16	Average	54	Pass
NVNT	n40	5230	Ant0	5396.28	-46.55	2.79	-	51.47	Peak	68.2	Pass
NVNT	n40	5230	Ant0	5351.73	-57	2.79	0.12	41.14	Average	54	Pass
NVNT	n40	5230	Ant0	5460	-49.47	2.79	-	48.55	Peak	68.2	Pass
NVNT	n40	5230	Ant0	5460	-57.57	2.79	0.12	40.57	Average	54	Pass



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NVNT	ac20	5180	Ant0	4500	-49.66	2.79	-	48.36	Peak	68.2	Pass
NVNT	ac20	5180	Ant0	4500	-57.88	2.79	0.28	40.42	Average	54	Pass
NVNT	ac20	5180	Ant0	5147.5	-44.43	2.79	-	53.59	Peak	68.2	Pass
NVNT	ac20	5180	Ant0	5149.6	-54.02	2.79	0.28	44.28	Average	54	Pass
NVNT	ac20	5180	Ant0	5150	-44.31	2.79	-	53.71	Peak	68.2	Pass
NVNT	ac20	5180	Ant0	5150	-54.79	2.79	0.28	43.51	Average	54	Pass
NVNT	ac20	5240	Ant0	5350	-49.46	2.79	-	48.56	Peak	68.2	Pass
NVNT	ac20	5240	Ant0	5350	-57.52	2.79	0.28	40.78	Average	54	Pass
NVNT	ac20	5240	Ant0	5352.72	-46.33	2.79	-	51.69	Peak	68.2	Pass
NVNT	ac20	5240	Ant0	5365.2	-57.05	2.79	0.28	41.25	Average	54	Pass
NVNT	ac20	5240	Ant0	5460	-49.81	2.79	-	48.21	Peak	68.2	Pass
NVNT	ac20	5240	Ant0	5460	-57.91	2.79	0.28	40.39	Average	54	Pass
NVNT	ac40	5190	Ant0	4500	-50.16	2.79	-	47.86	Peak	68.2	Pass
NVNT	ac40	5190	Ant0	4500	-58.2	2.79	0.12	39.94	Average	54	Pass
NVNT	ac40	5190	Ant0	5149.7	-44.32	2.79	-	53.70	Peak	68.2	Pass
NVNT	ac40	5190	Ant0	5147.51	-53.83	2.79	0.12	44.31	Average	54	Pass
NVNT	ac40	5190	Ant0	5150	-44.32	2.79	-	53.70	Peak	68.2	Pass
NVNT	ac40	5190	Ant0	5150	-54.32	2.79	0.12	43.82	Average	54	Pass
NVNT	ac40	5230	Ant0	5350	-48.82	2.79	-	49.20	Peak	68.2	Pass
NVNT	ac40	5230	Ant0	5350	-57.56	2.79	0.12	40.58	Average	54	Pass
NVNT	ac40	5230	Ant0	5391.96	-47.43	2.79	-	50.59	Peak	68.2	Pass
NVNT	ac40	5230	Ant0	5353.62	-56.87	2.79	0.12	41.27	Average	54	Pass
NVNT	ac40	5230	Ant0	5460	-50.22	2.79	-	47.80	Peak	68.2	Pass
NVNT	ac40	5230	Ant0	5460	-57.39	2.79	0.12	40.75	Average	54	Pass
NVNT	ac80	5210	Ant0	5350	-47.46	2.79	-	50.56	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5350	-55.99	2.79	0.25	42.28	Average	54	Pass
NVNT	ac80	5210	Ant0	5372.88	-46.84	2.79	-	51.18	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5350.11	-55.99	2.79	0.25	42.28	Average	54	Pass
NVNT	ac80	5210	Ant0	5460	-48.79	2.79	-	49.23	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5460	-57.12	2.79	0.25	41.15	Average	54	Pass
NVNT	ac80	5210	Ant0	4500	-49.57	2.79	-	48.45	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	4500	-57.92	2.79	0.25	40.35	Average	54	Pass
NVNT	ac80	5210	Ant0	5138.32	-43.85	2.79	-	54.17	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5138.32	-53.18	2.79	0.25	45.09	Average	54	Pass
NVNT	ac80	5210	Ant0	5150	-45.81	2.79	-	52.21	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5150	-53.3	2.79	0.25	44.97	Average	54	Pass
NVNT	ax20	5180	Ant0	4500	-50.62	2.79	-	47.40	Peak	68.2	Pass
NVNT	ax20	5180	Ant0	4500	-57.88	2.79	0.28	40.42	Average	54	Pass
NVNT	ax20	5180	Ant0	5149.6	-39.88	2.79	-	58.14	Peak	68.2	Pass
NVNT	ax20	5180	Ant0	5149.6	-53.46	2.79	0.28	44.84	Average	54	Pass
NVNT	ax20	5180	Ant0	5150	-38.84	2.79	-	59.18	Peak	68.2	Pass





NVNT	ax20	5180	Ant0	5150	-53.82	2.79	0.28	44.48	Average	54	Pass
NVNT	ax20	5240	Ant0	5350	-48.14	2.79	-	49.88	Peak	68.2	Pass
NVNT	ax20	5240	Ant0	5350	-57.11	2.79	0.28	41.19	Average	54	Pass
NVNT	ax20	5240	Ant0	5436.24	-47.09	2.79	-	50.93	Peak	68.2	Pass
NVNT	ax20	5240	Ant0	5351.04	-56.83	2.79	0.28	41.47	Average	54	Pass
NVNT	ax20	5240	Ant0	5460	-49.14	2.79	-	48.88	Peak	68.2	Pass
NVNT	ax20	5240	Ant0	5460	-58.57	2.79	0.28	39.73	Average	54	Pass
NVNT	ax40	5190	Ant0	4500	-50.2	2.79	-	47.82	Peak	68.2	Pass
NVNT	ax40	5190	Ant0	4500	-58.37	2.79	0.12	39.77	Average	54	Pass
NVNT	ax40	5190	Ant0	5144.59	-43.92	2.79	-	54.10	Peak	68.2	Pass
NVNT	ax40	5190	Ant0	5149.7	-52.71	2.79	0.12	45.43	Average	54	Pass
NVNT	ax40	5190	Ant0	5150	-45.09	2.79	-	52.93	Peak	68.2	Pass
NVNT	ax40	5190	Ant0	5150	-52.71	2.79	0.12	45.43	Average	54	Pass
NVNT	ax40	5230	Ant0	5350	-49.3	2.79	-	48.72	Peak	68.2	Pass
NVNT	ax40	5230	Ant0	5350	-57.08	2.79	0.12	41.06	Average	54	Pass
NVNT	ax40	5230	Ant0	5385.21	-47.16	2.79	-	50.86	Peak	68.2	Pass
NVNT	ax40	5230	Ant0	5403.57	-57.03	2.79	0.12	41.11	Average	54	Pass
NVNT	ax40	5230	Ant0	5460	-48.37	2.79	-	49.65	Peak	68.2	Pass
NVNT	ax40	5230	Ant0	5460	-57.76	2.79	0.12	40.38	Average	54	Pass
NVNT	ax80	5210	Ant0	5350	-49.06	2.79	-	48.96	Peak	68.2	Pass
NVNT	ax80	5210	Ant0	5350	-56.2	2.79	0.25	42.07	Average	54	Pass
NVNT	ax80	5210	Ant0	5350.44	-46.46	2.79	-	51.56	Peak	68.2	Pass
NVNT	ax80	5210	Ant0	5355.06	-56.15	2.79	0.25	42.12	Average	54	Pass
NVNT	ax80	5210	Ant0	5460	-49.58	2.79	-	48.44	Peak	68.2	Pass
NVNT	ax80	5210	Ant0	5460	-57.72	2.79	0.25	40.55	Average	54	Pass
NVNT	ax80	5210	Ant0	4500	-49.04	2.79	-	48.98	Peak	68.2	Pass
NVNT	ax80	5210	Ant0	4500	-58.49	2.79	0.25	39.78	Average	54	Pass
NVNT	ax80	5210	Ant0	5131.21	-43.83	2.79	-	54.19	Peak	68.2	Pass
NVNT	ax80	5210	Ant0	5147.01	-53.47	2.79	0.25	44.80	Average	54	Pass
NVNT	ax80	5210	Ant0	5150	-45.56	2.79	-	52.46	Peak	68.2	Pass
NVNT	ax80	5210	Ant0	5150	-53.47	2.79	0.25	44.80	Average	54	Pass

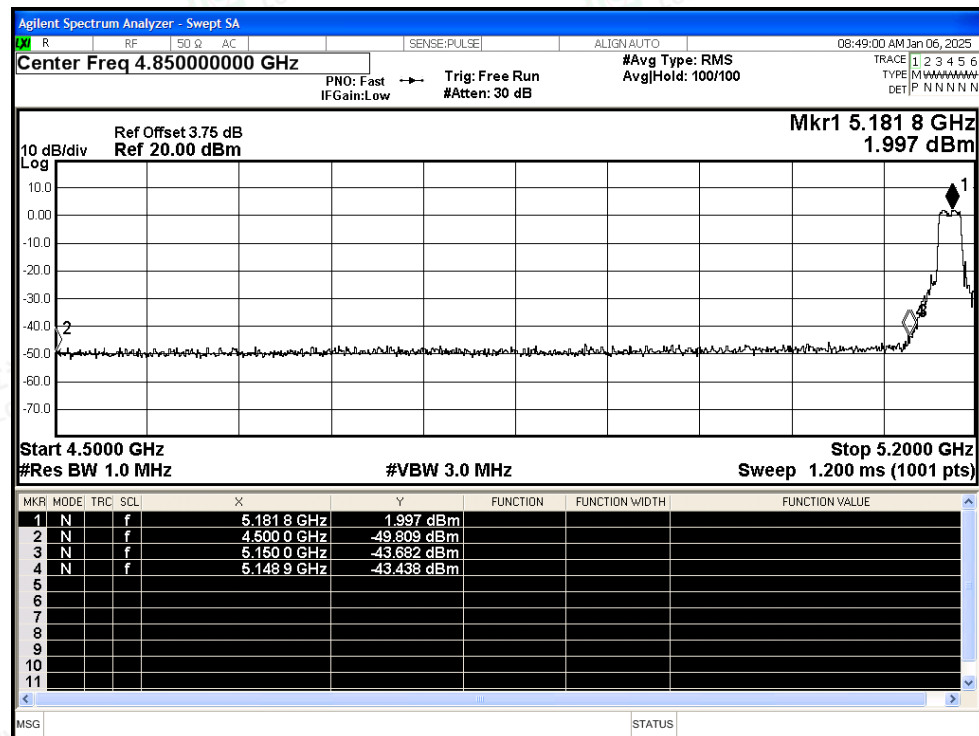


Shenzhen LCS Compliance Testing Laboratory Ltd.
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Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

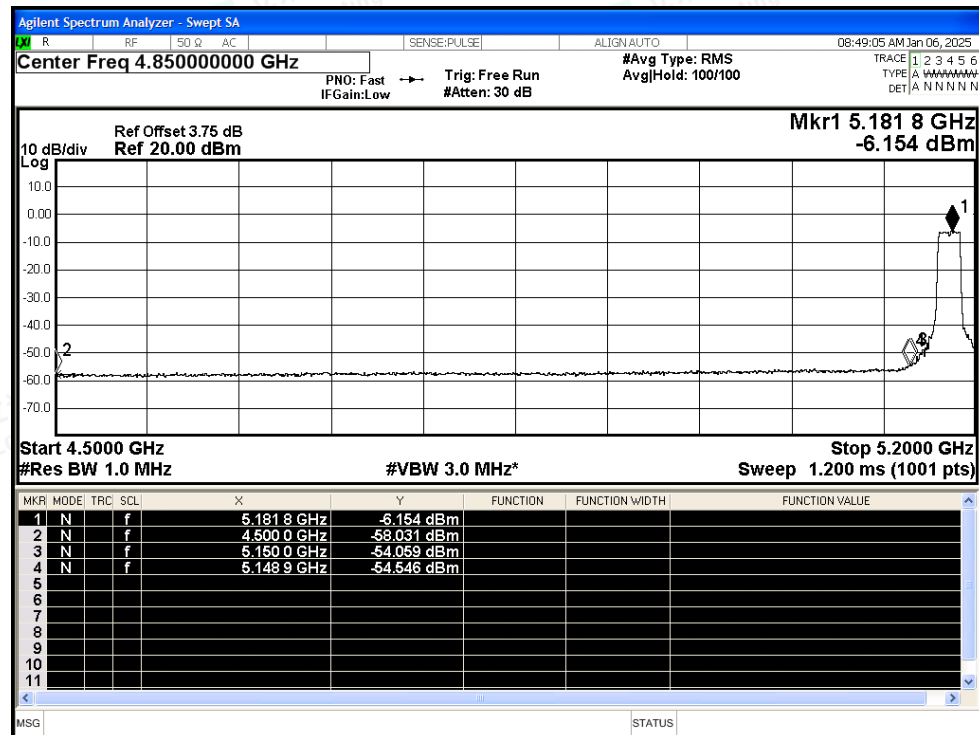


Test Graphs

Restrict Band NVNT a 5180MHz Ant0 Peak

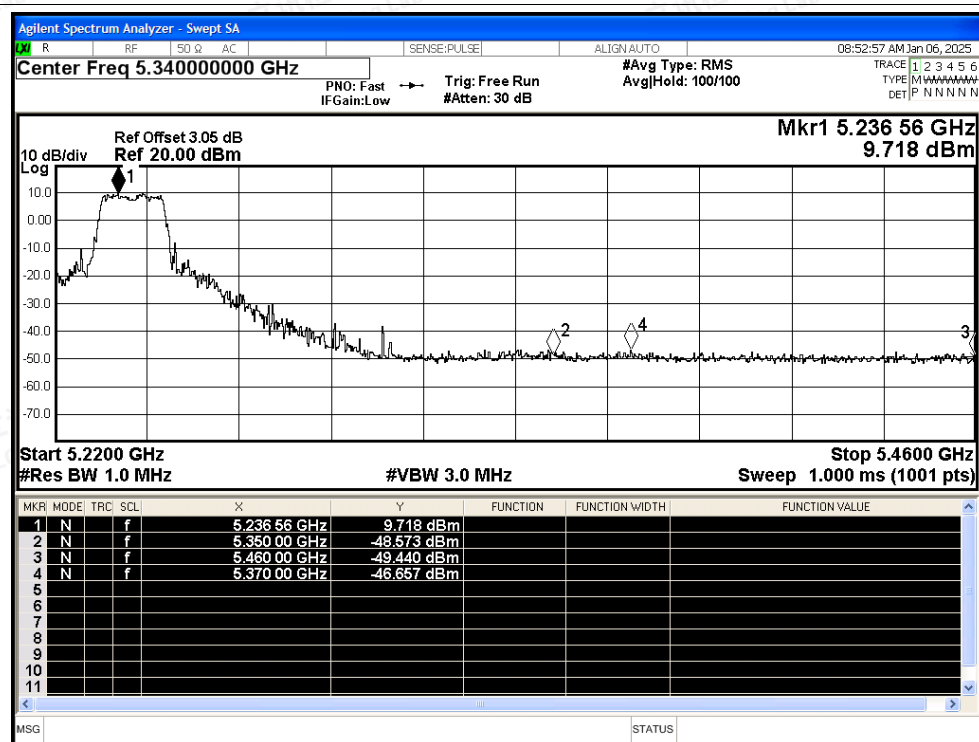


Restrict Band NVNT a 5180MHz Ant0 Average

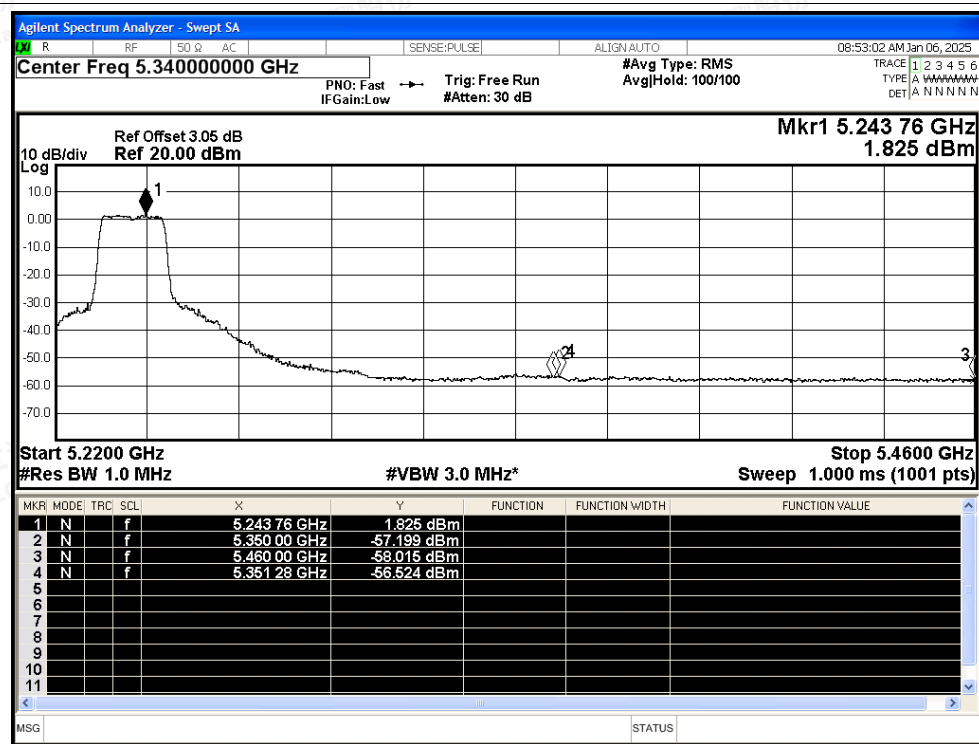




Restrict Band NVNT a 5240MHz Ant0 Peak

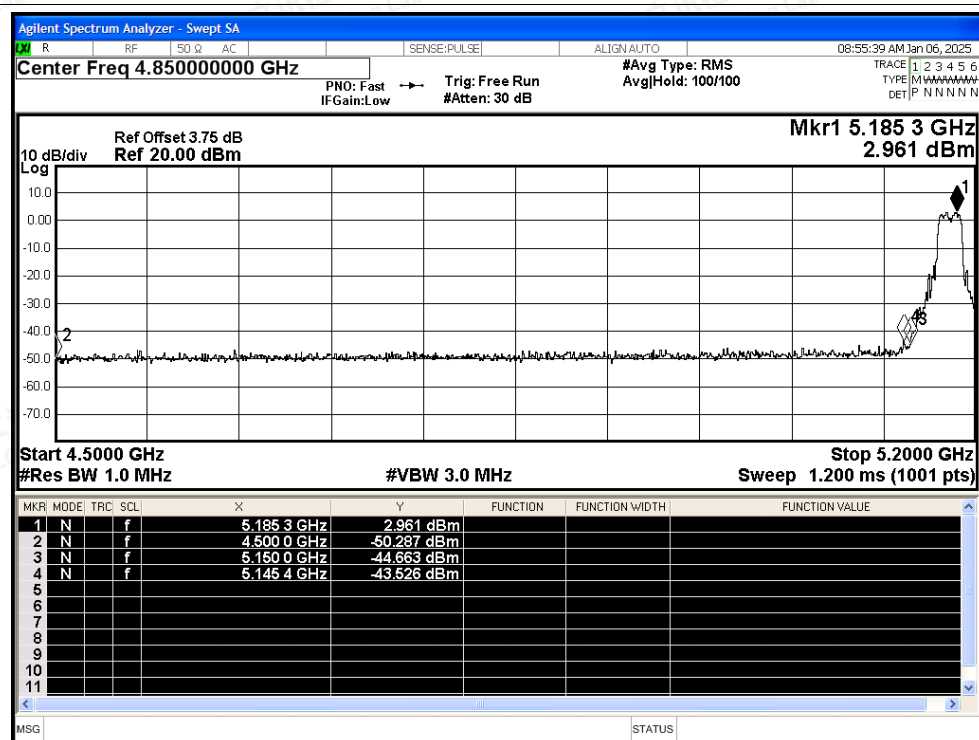


Restrict Band NVNT a 5240MHz Ant0 Average

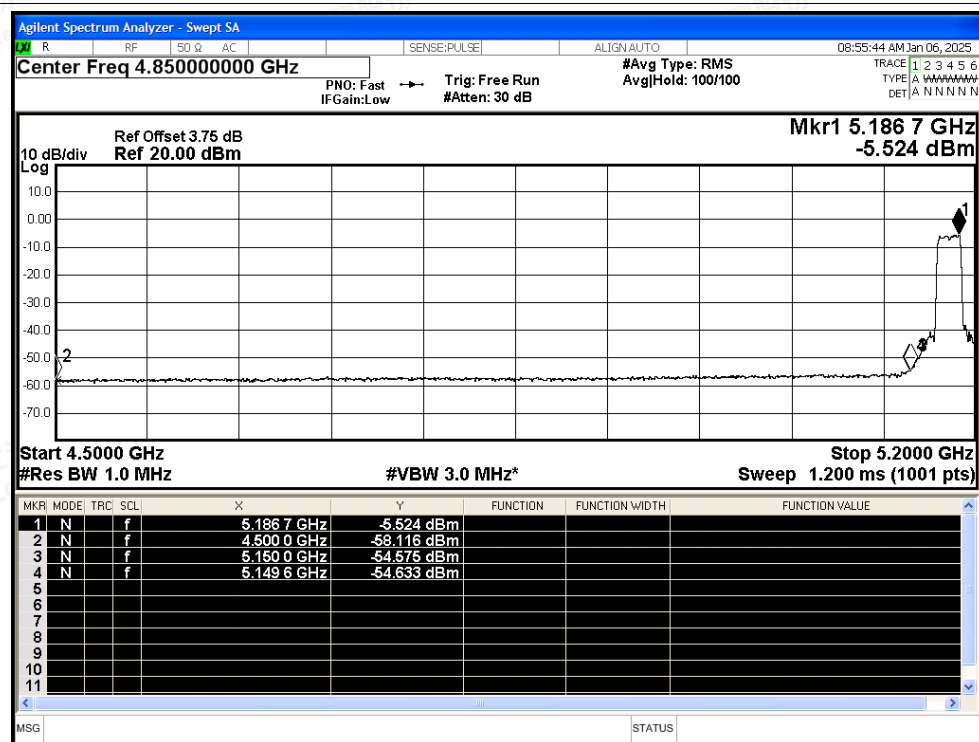




Restrict Band NVNT n20 5180MHz Ant0 Peak

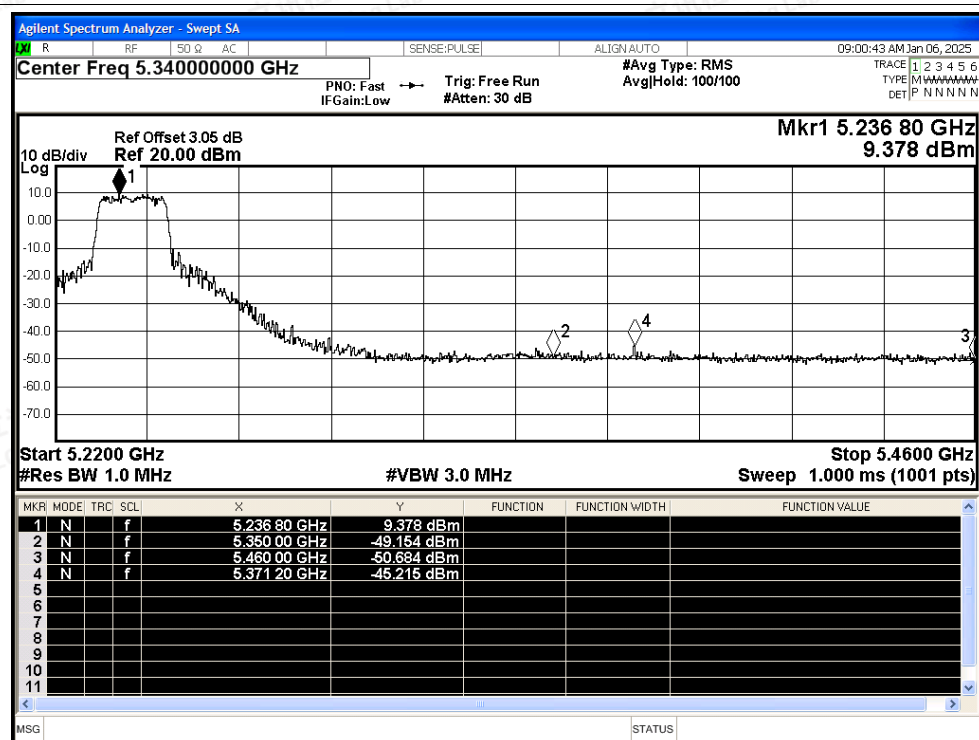


Restrict Band NVNT n20 5180MHz Ant0 Average

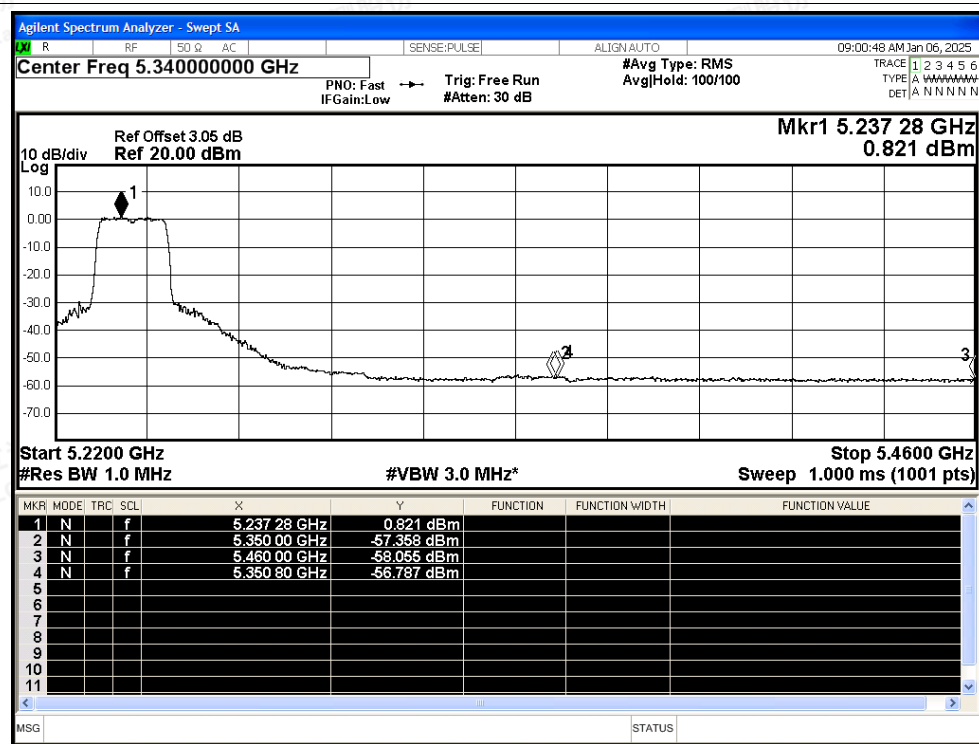




Restrict Band NVNT n20 5240MHz Ant0 Peak

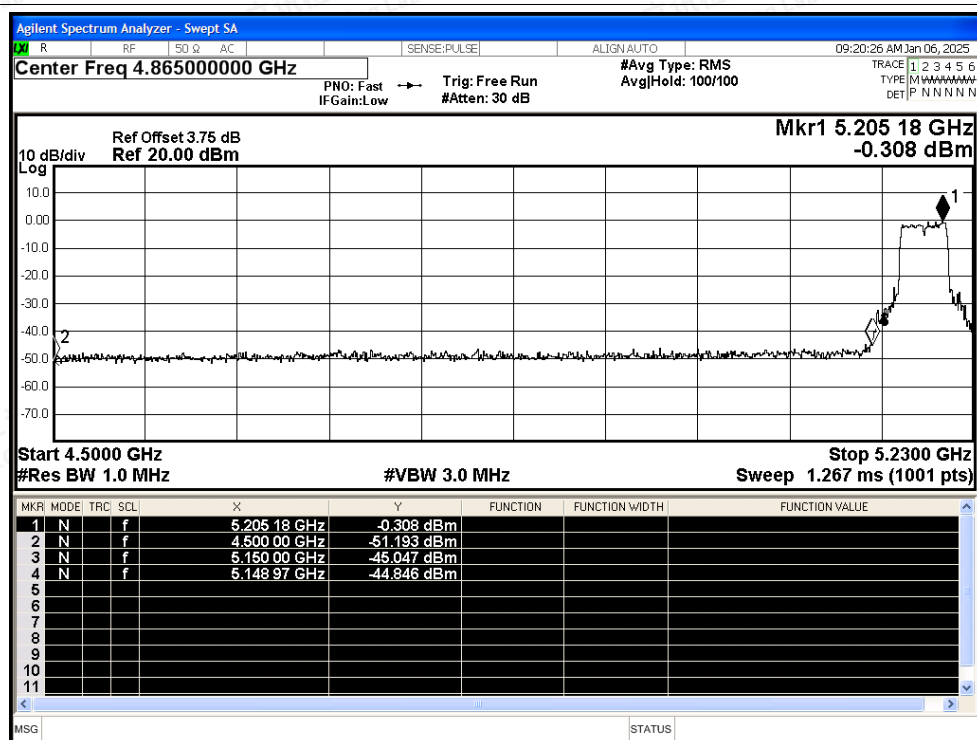


Restrict Band NVNT n20 5240MHz Ant0 Average

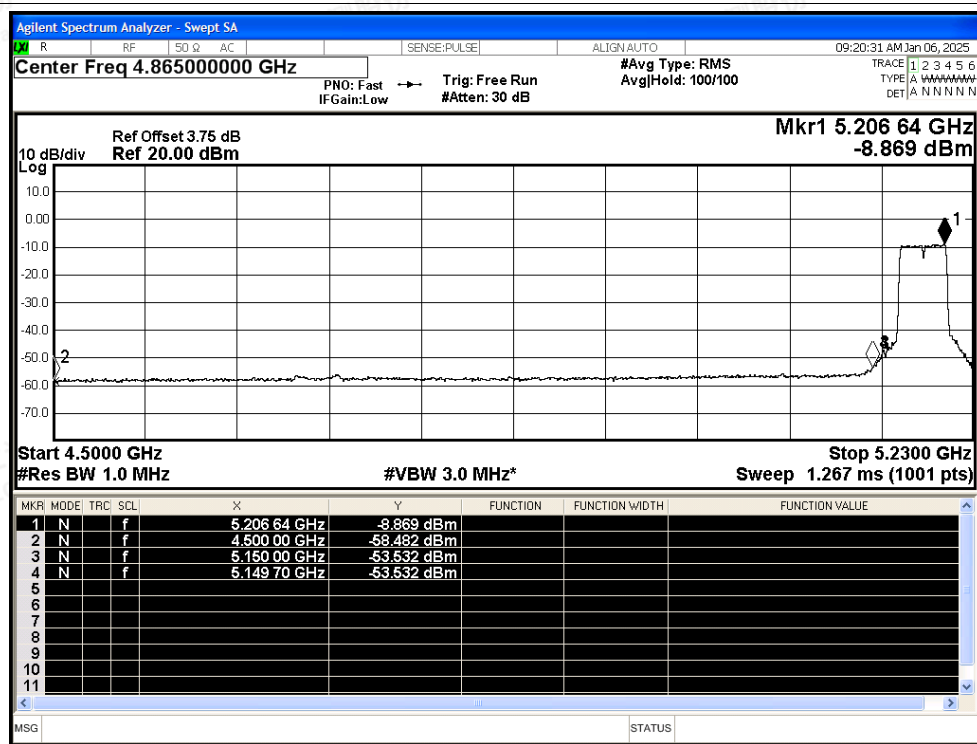




Restrict Band NVNT n40 5190MHz Ant0 Peak

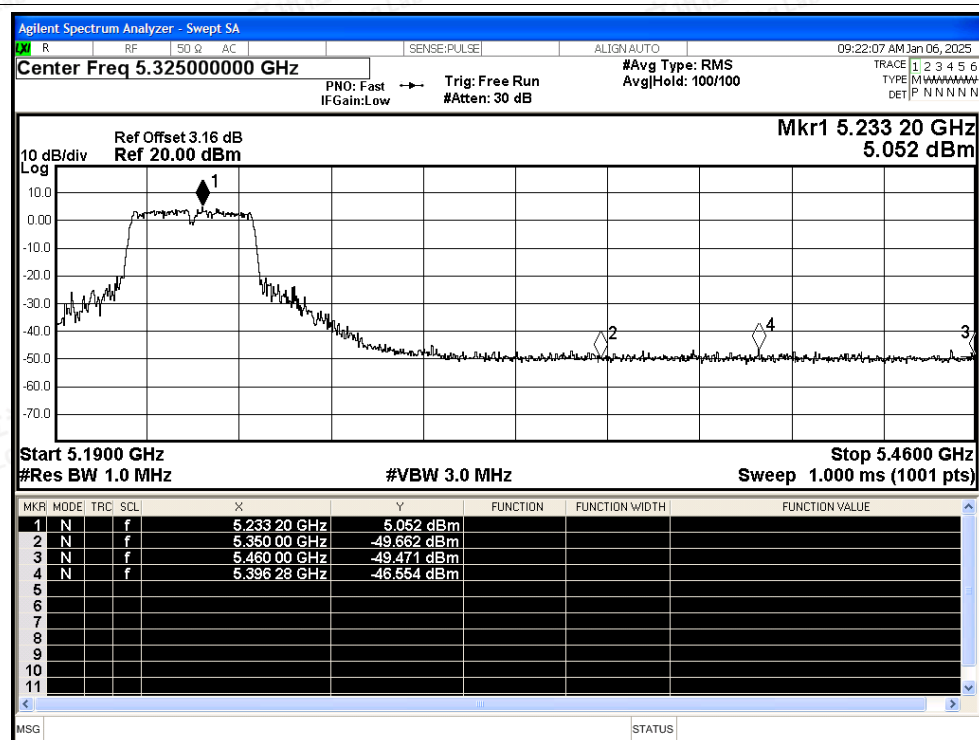


Restrict Band NVNT n40 5190MHz Ant0 Average

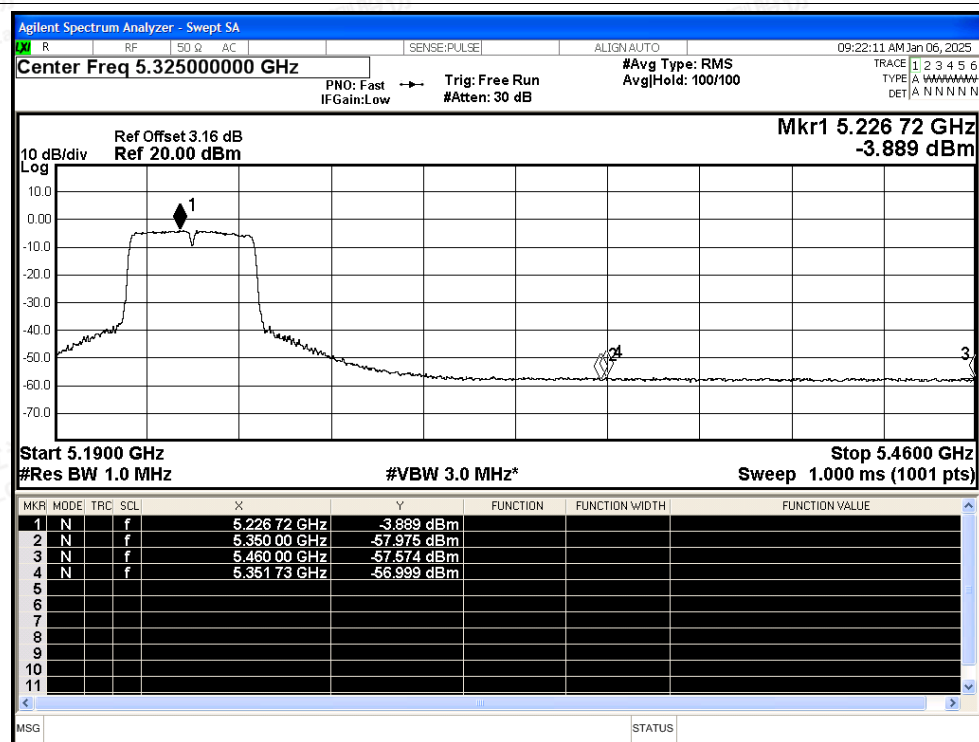




Restrict Band NVNT n40 5230MHz Ant0 Peak

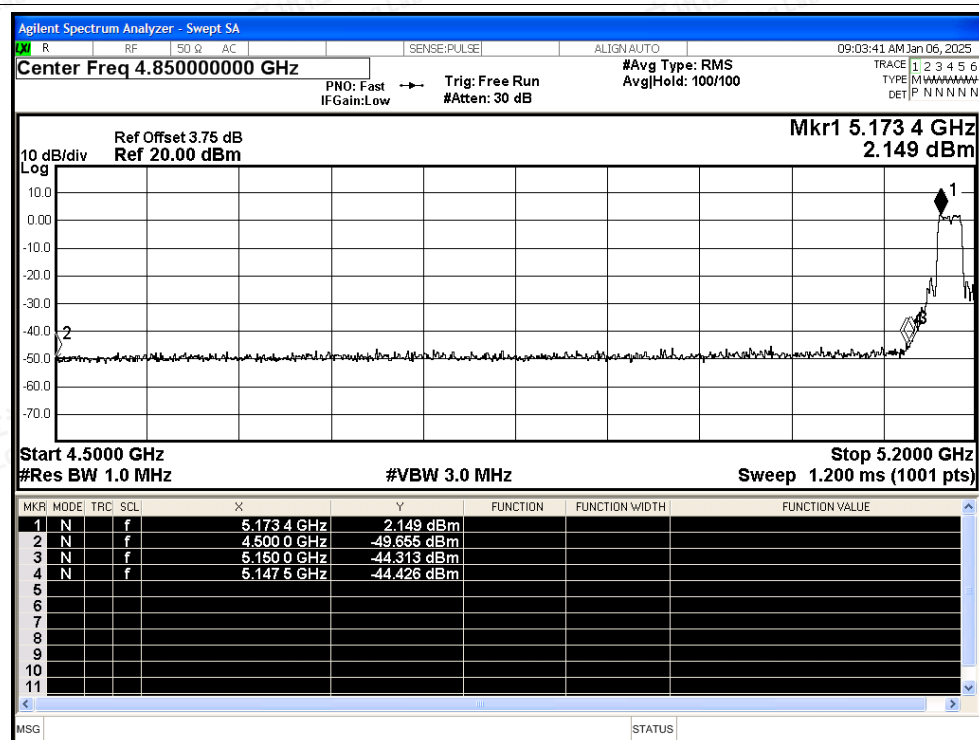


Restrict Band NVNT n40 5230MHz Ant0 Average

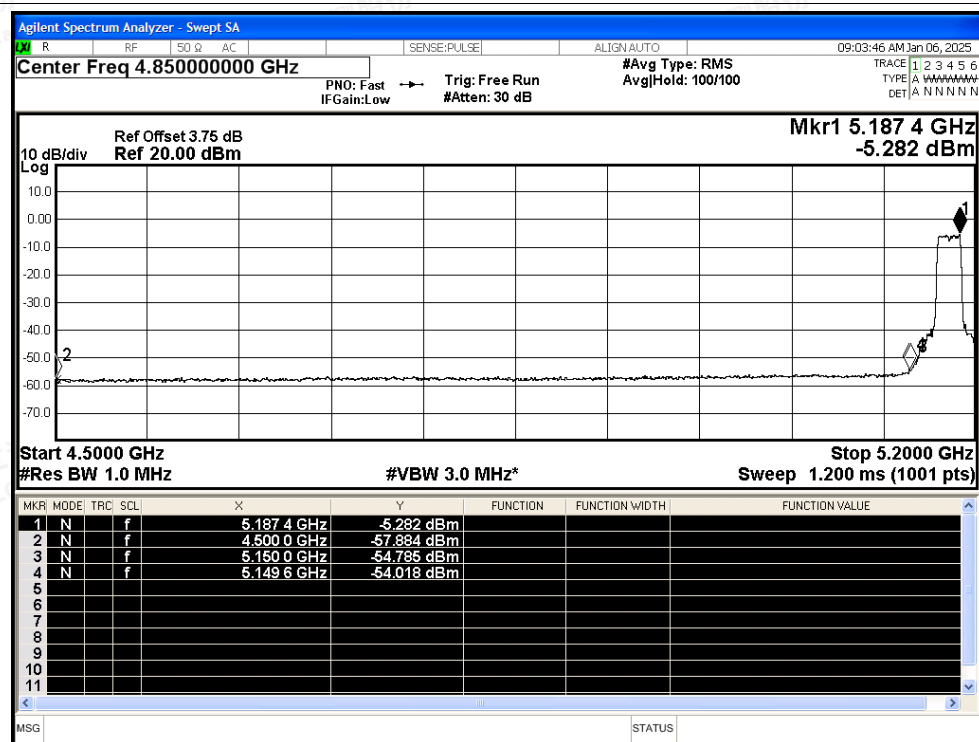




Restrict Band NVNT ac20 5180MHz Ant0 Peak

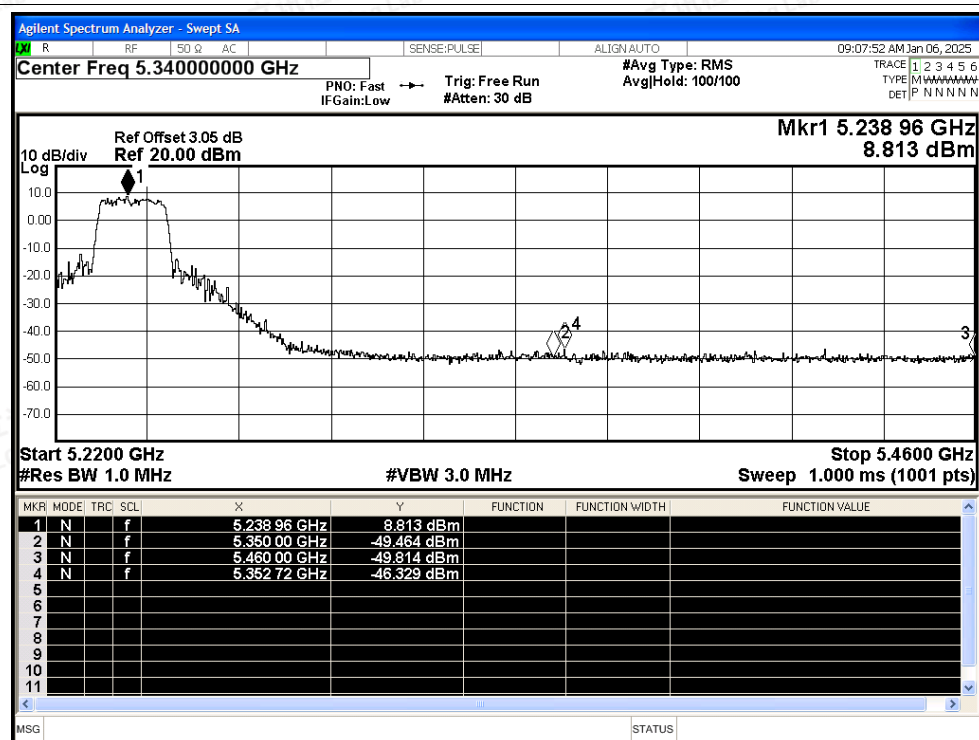


Restrict Band NVNT ac20 5180MHz Ant0 Average

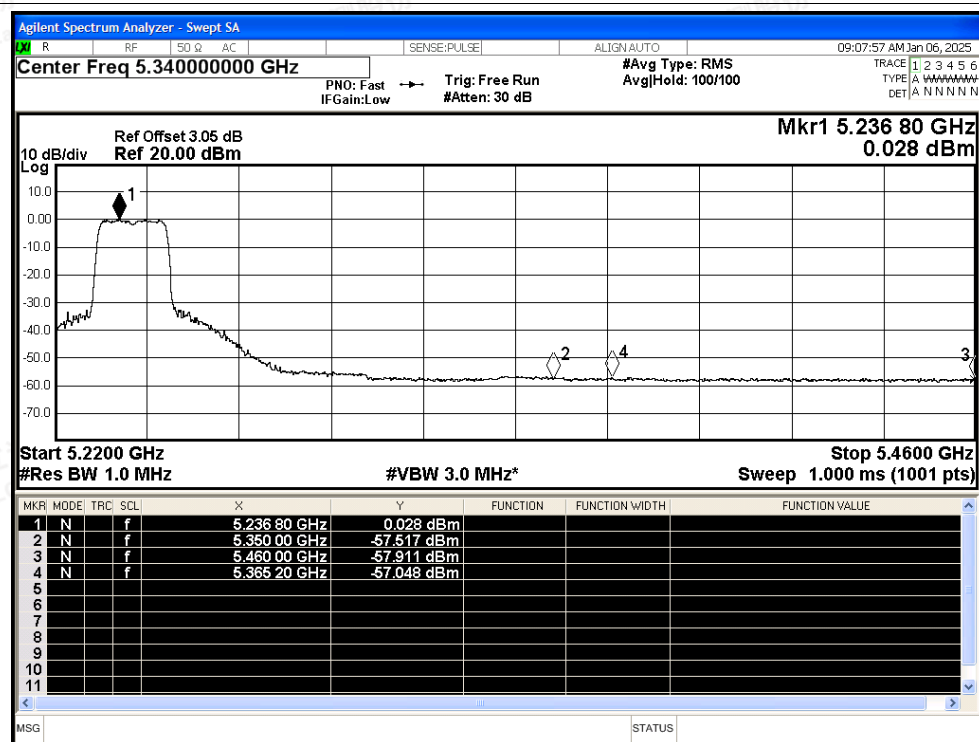




Restrict Band NVNT ac20 5240MHz Ant0 Peak

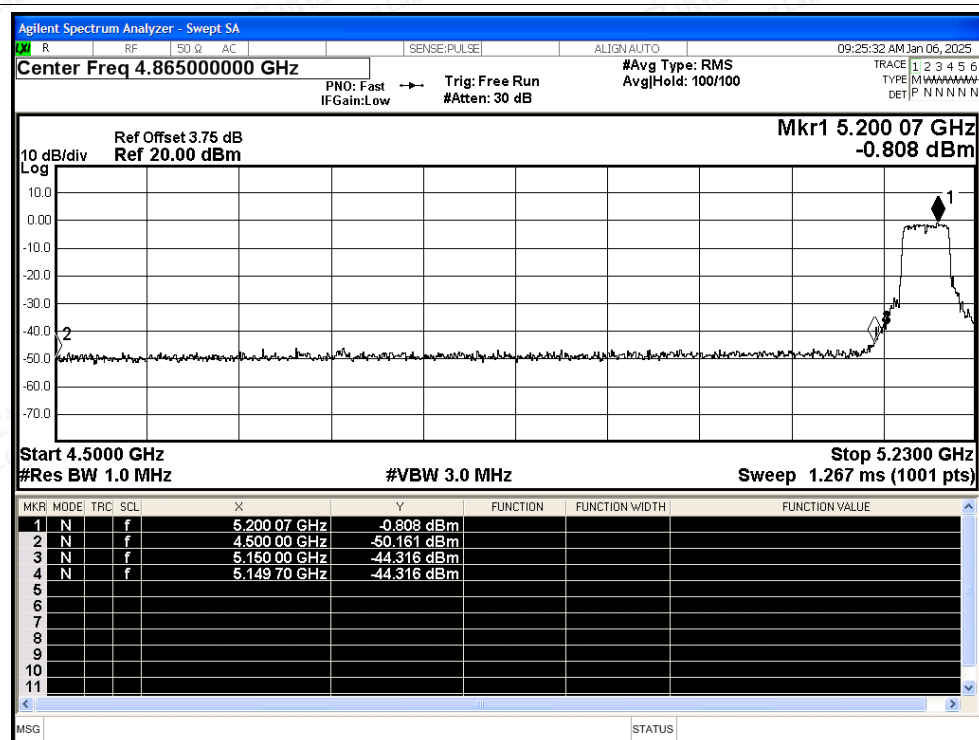


Restrict Band NVNT ac20 5240MHz Ant0 Average

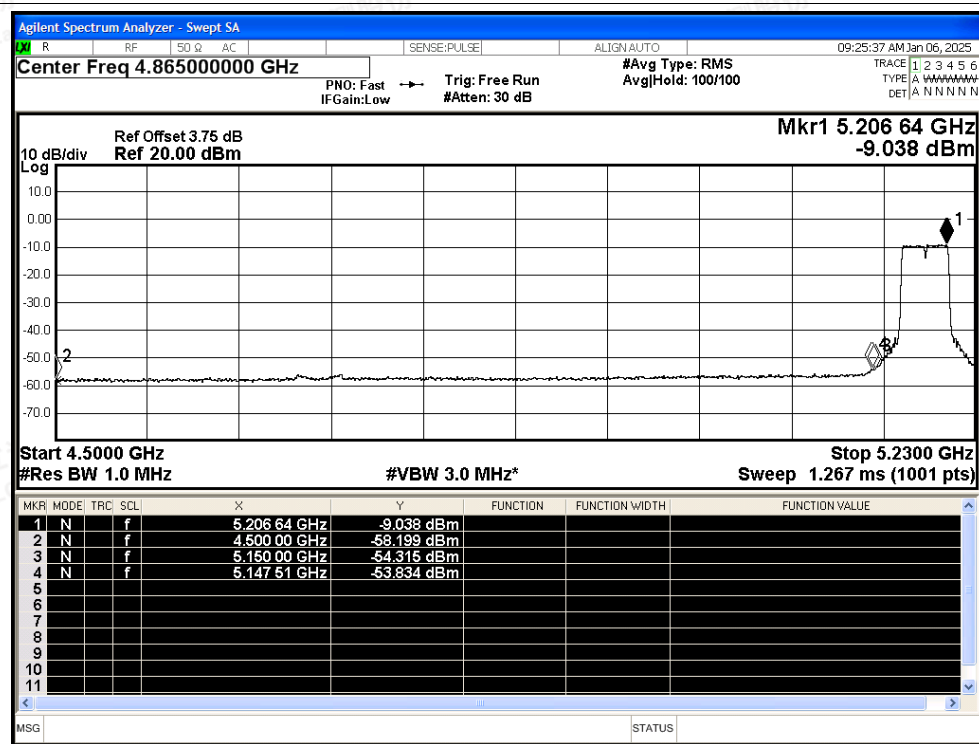




Restrict Band NVNT ac40 5190MHz Ant0 Peak

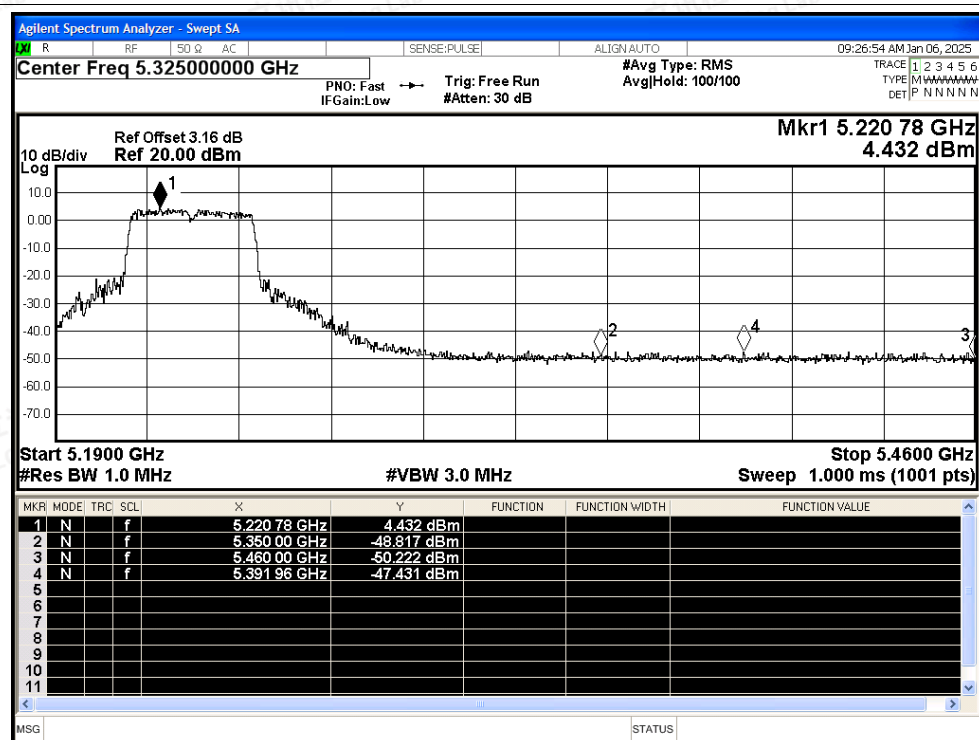


Restrict Band NVNT ac40 5190MHz Ant0 Average

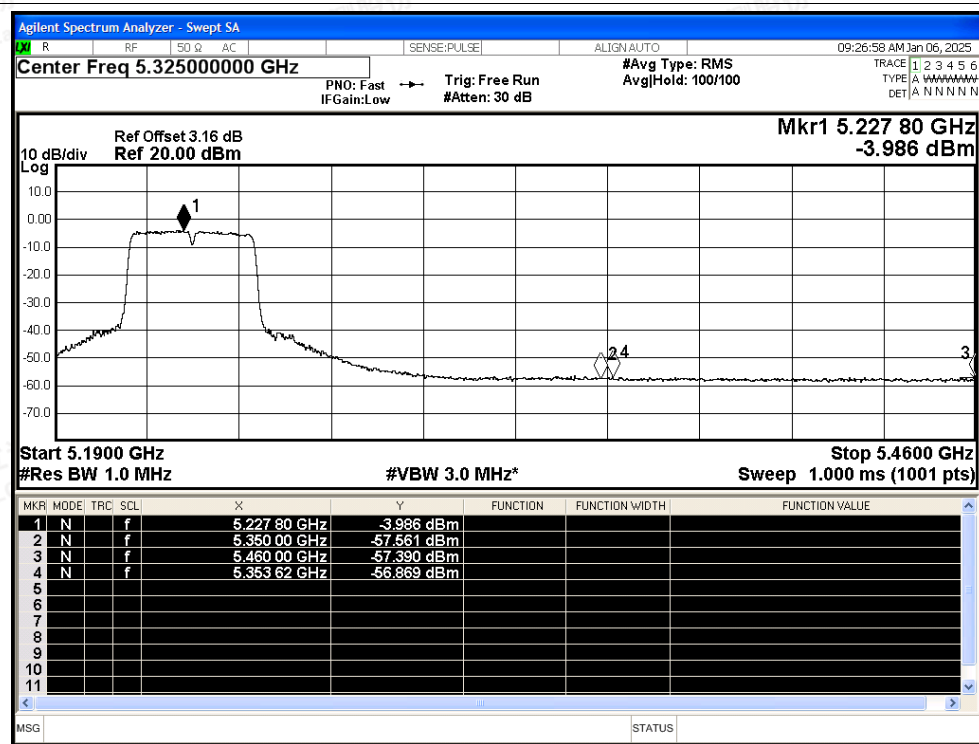




Restrict Band NVNT ac40 5230MHz Ant0 Peak

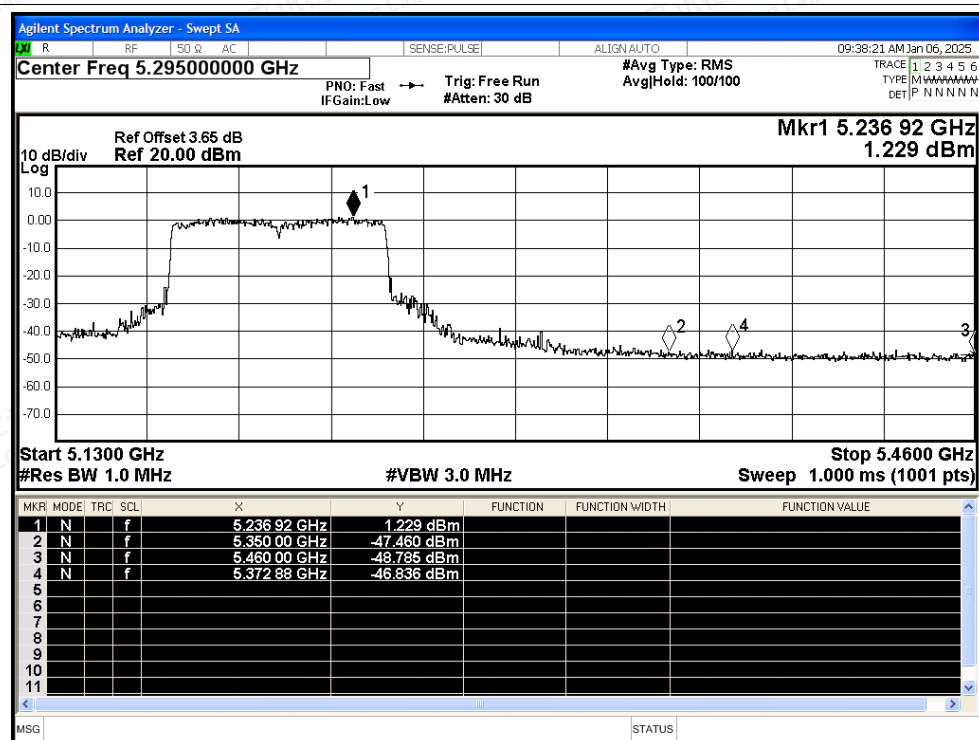


Restrict Band NVNT ac40 5230MHz Ant0 Average

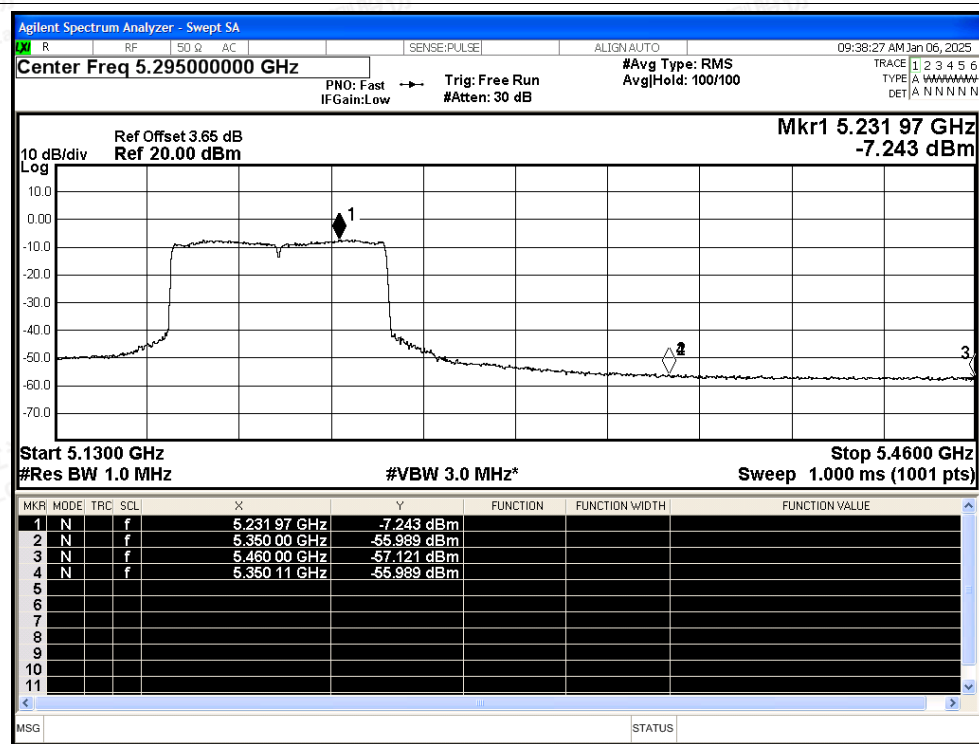




Restrict Band NVNT ac80 5210MHz Ant0 Peak

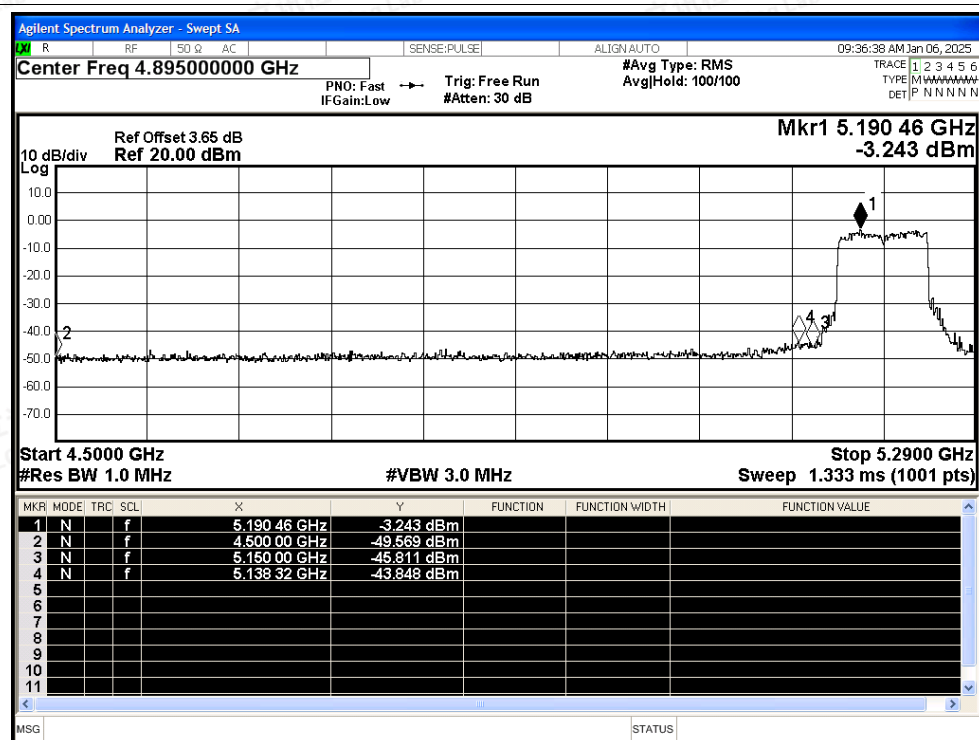


Restrict Band NVNT ac80 5210MHz Ant0 Average

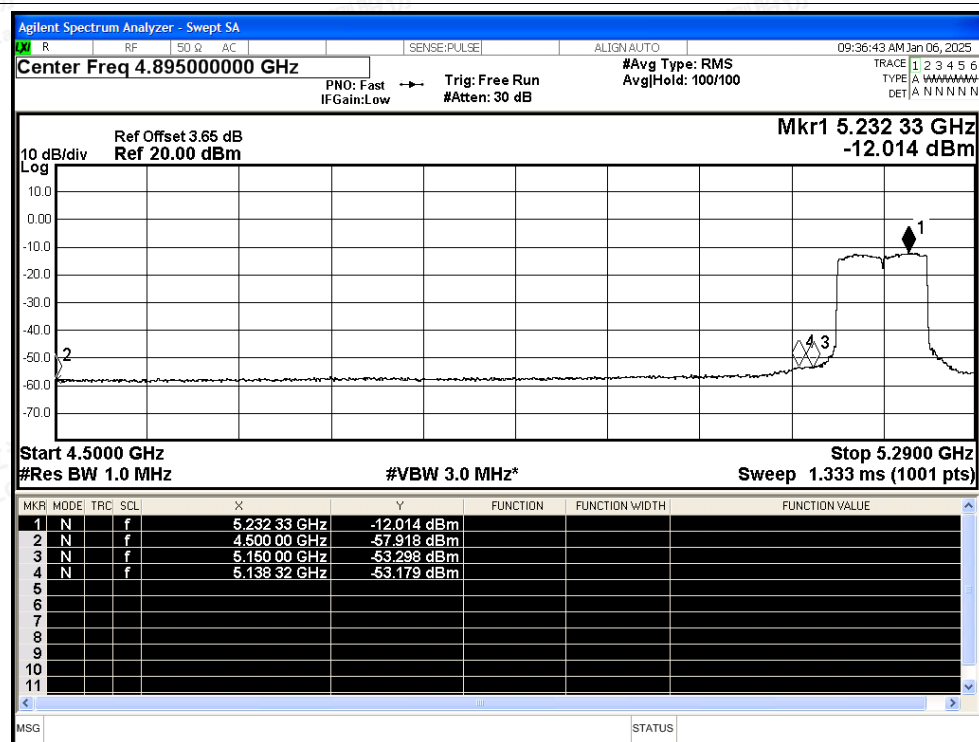




Restrict Band NVNT ac80 5210MHz Ant0 Peak

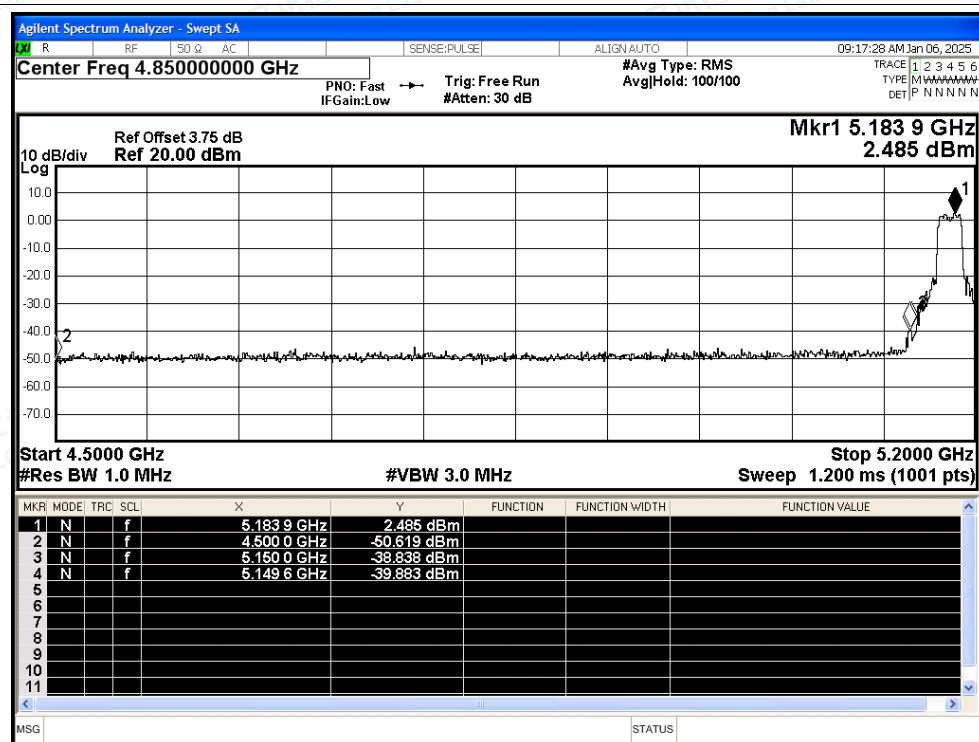


Restrict Band NVNT ac80 5210MHz Ant0 Average

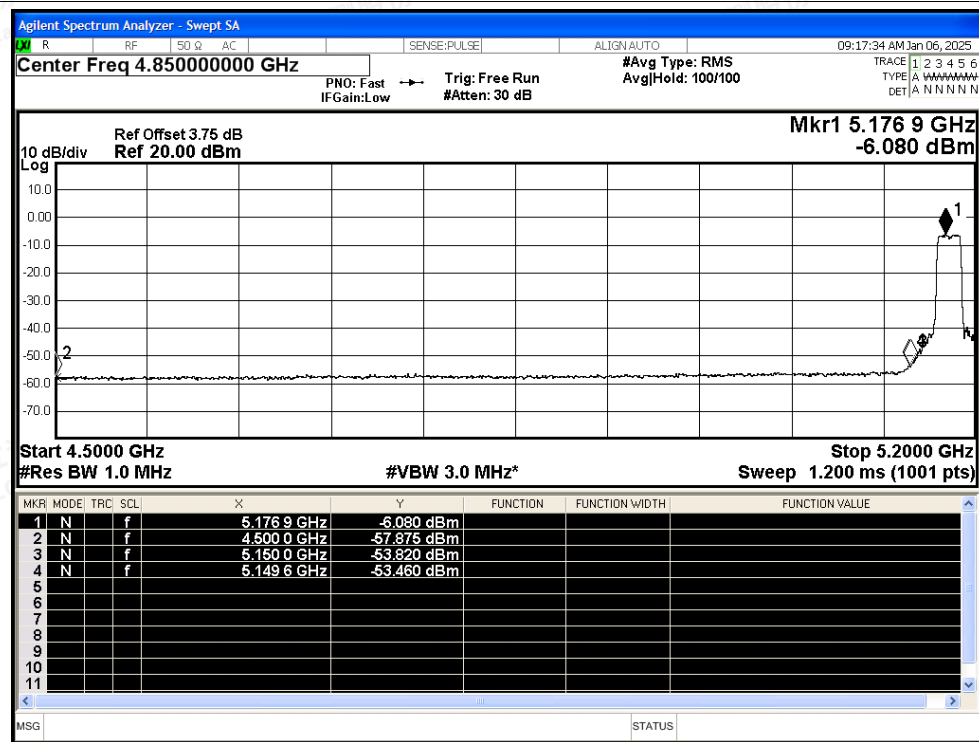




Restrict Band NVNT ax20 5180MHz Ant0 Peak

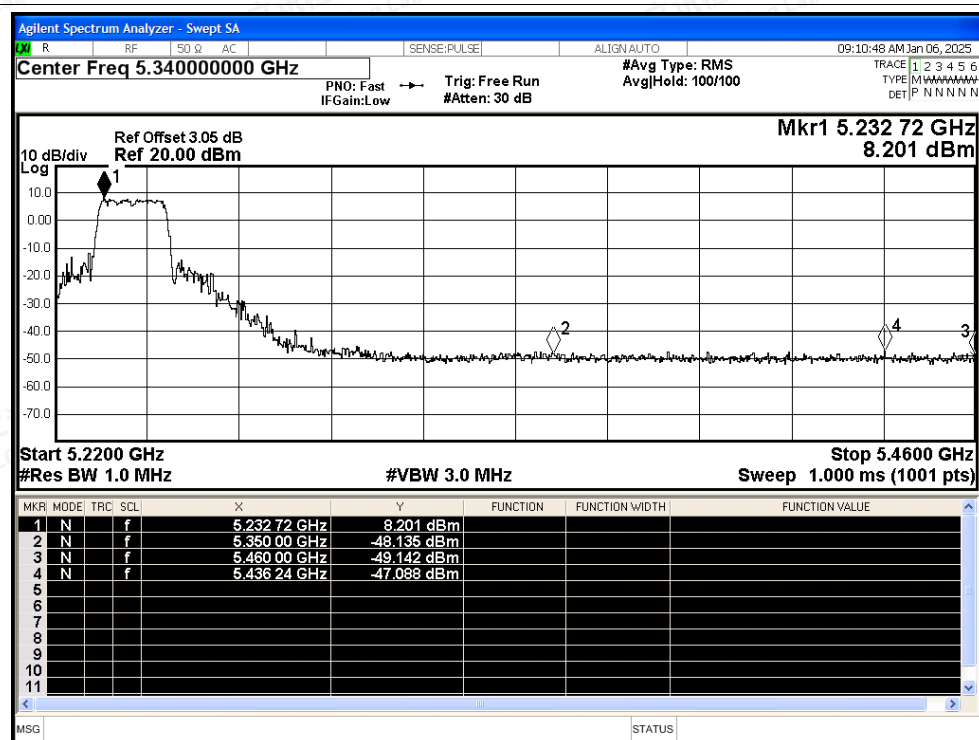


Restrict Band NVNT ax20 5180MHz Ant0 Average

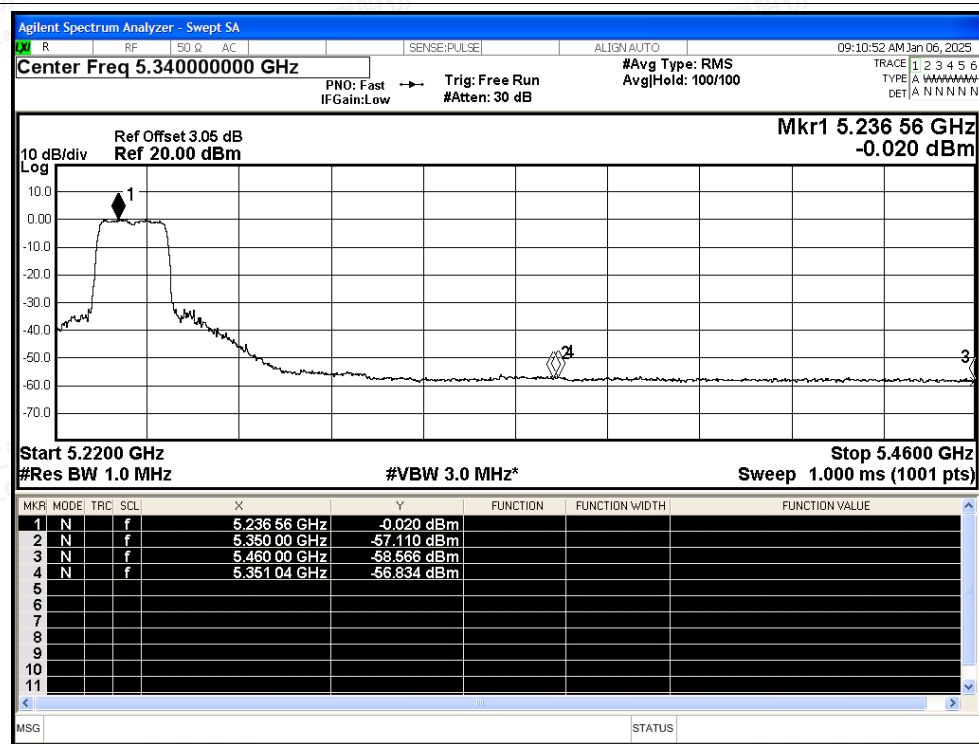




Restrict Band NVNT ax20 5240MHz Ant0 Peak

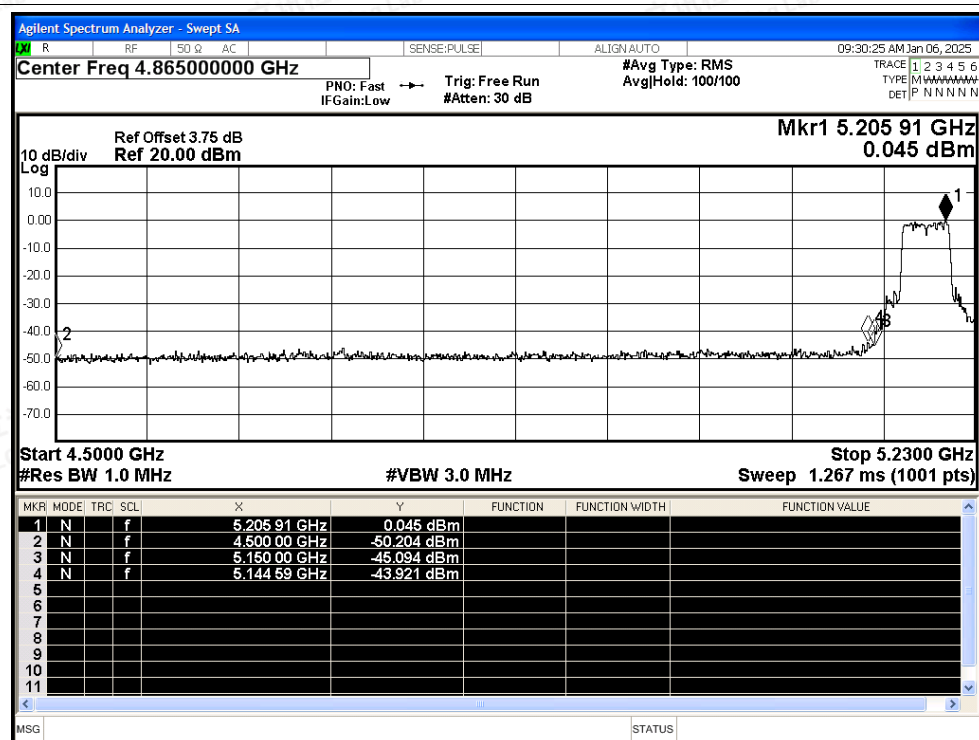


Restrict Band NVNT ax20 5240MHz Ant0 Average

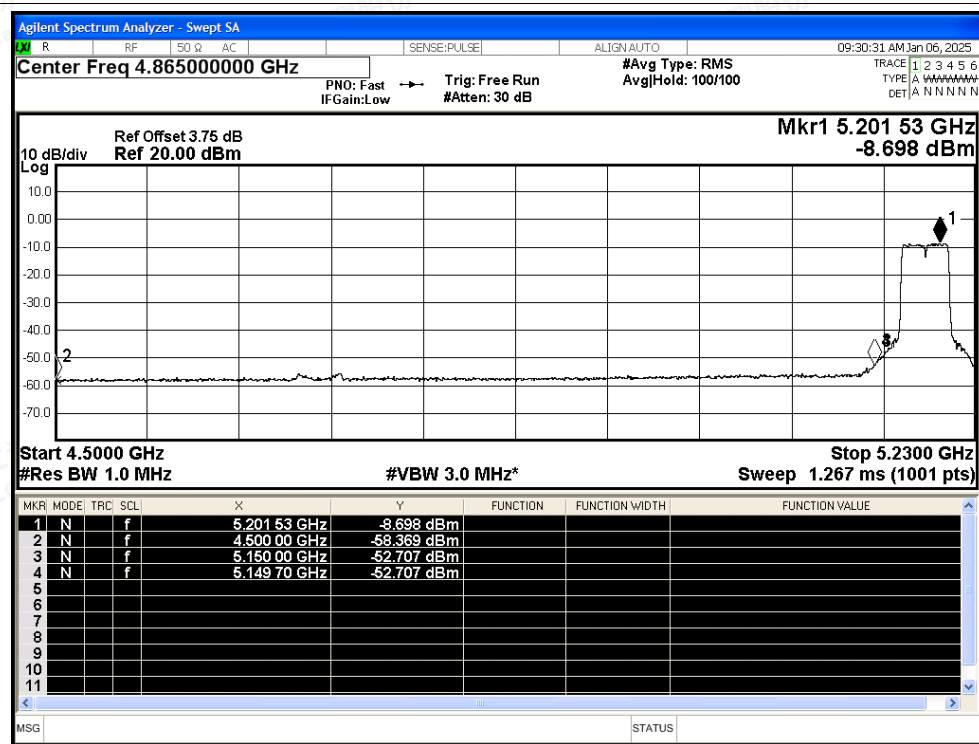




Restrict Band NVNT ax40 5190MHz Ant0 Peak

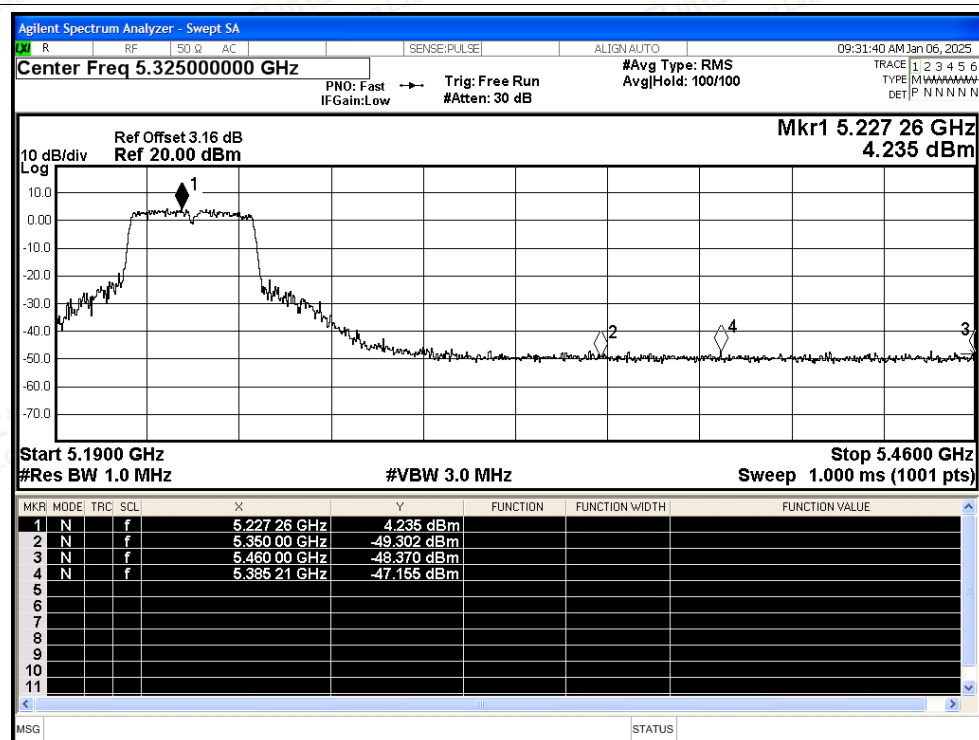


Restrict Band NVNT ax40 5190MHz Ant0 Average

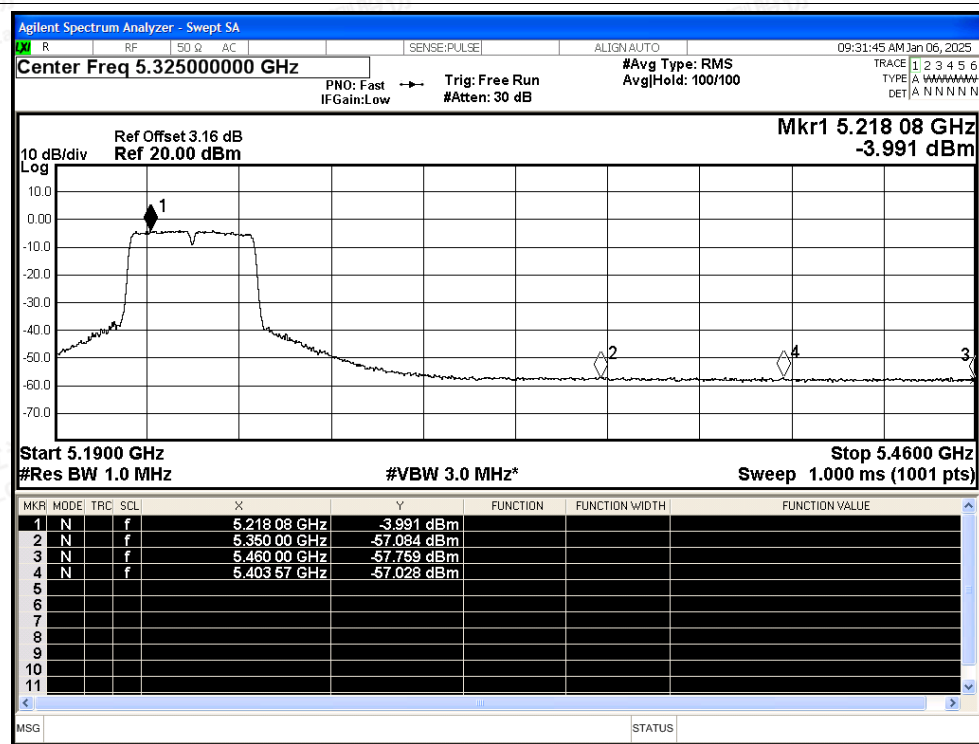




Restrict Band NVNT ax40 5230MHz Ant0 Peak

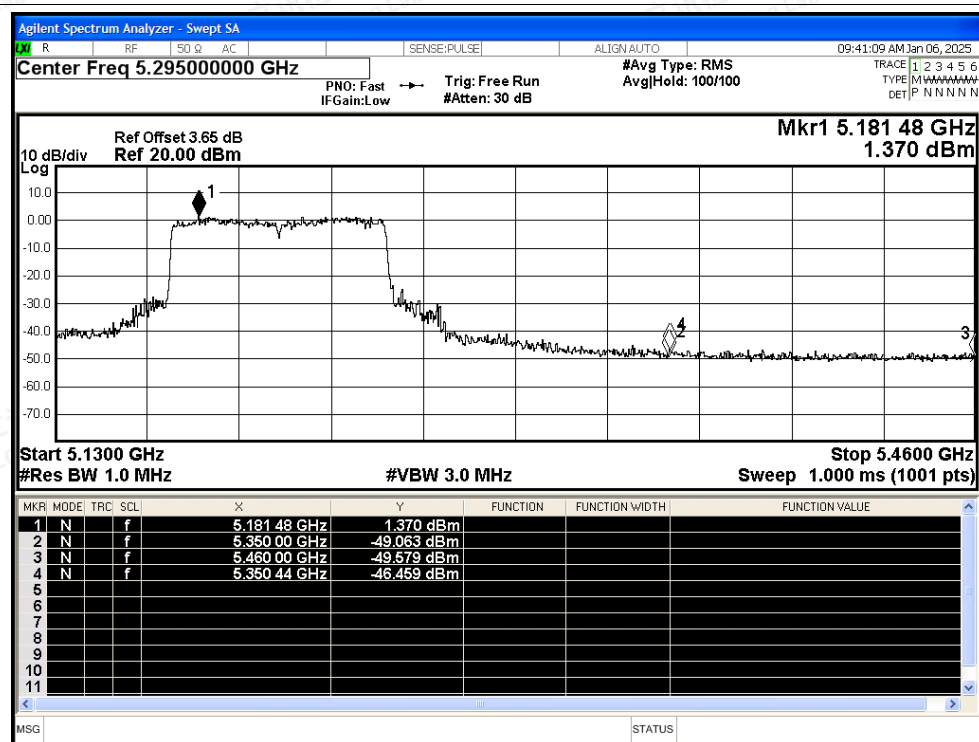


Restrict Band NVNT ax40 5230MHz Ant0 Average

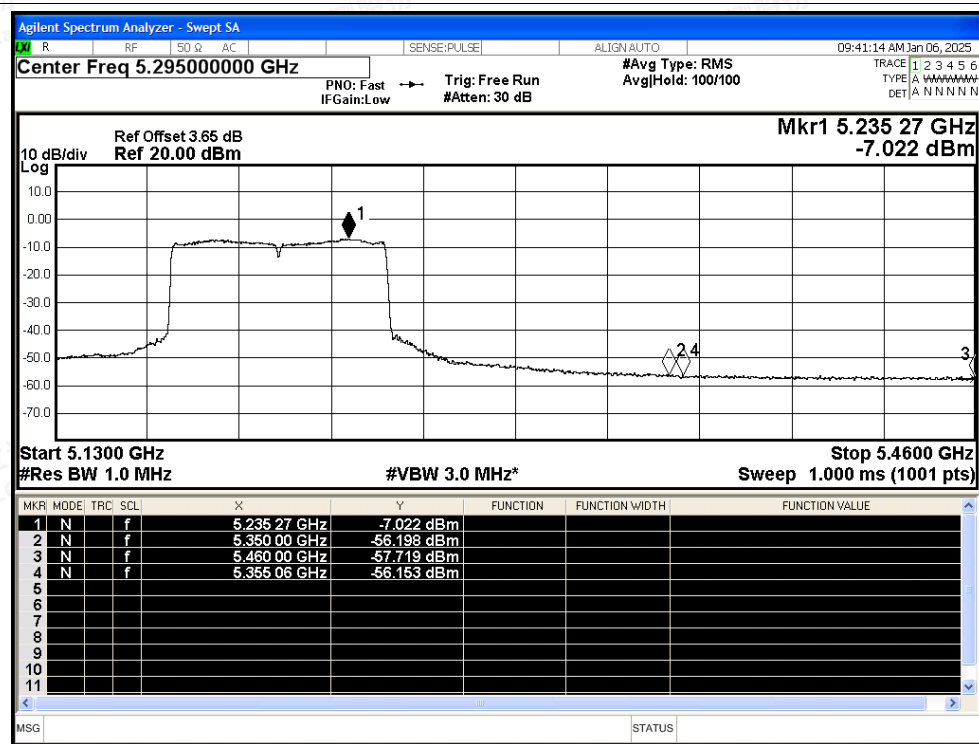




Restrict Band NVNT ax80 5210MHz Ant0 Peak

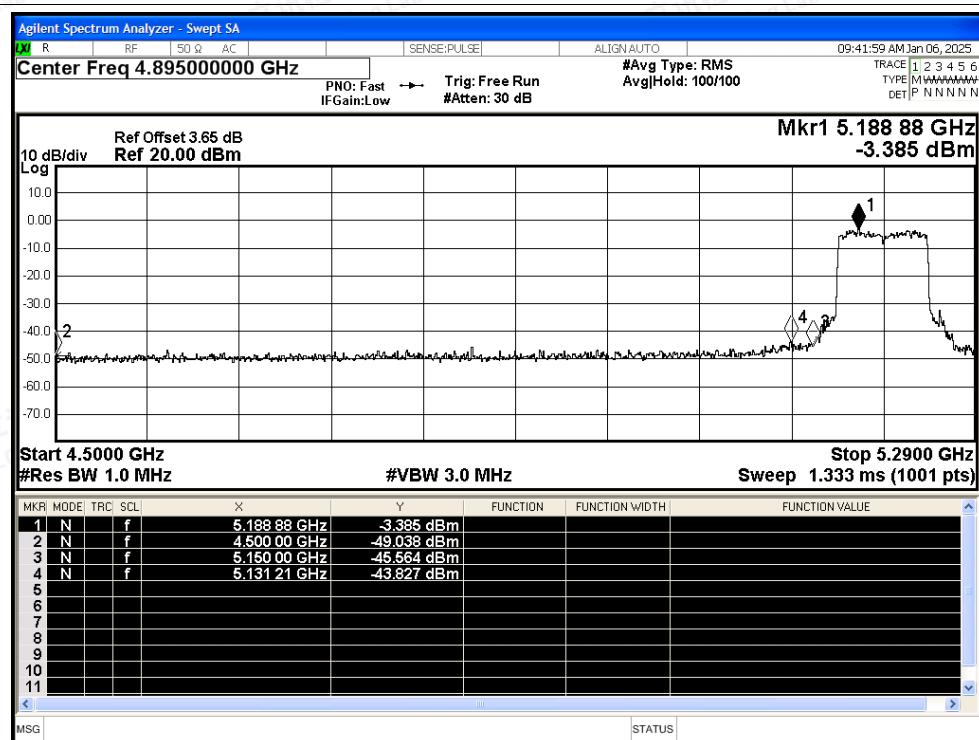


Restrict Band NVNT ax80 5210MHz Ant0 Average

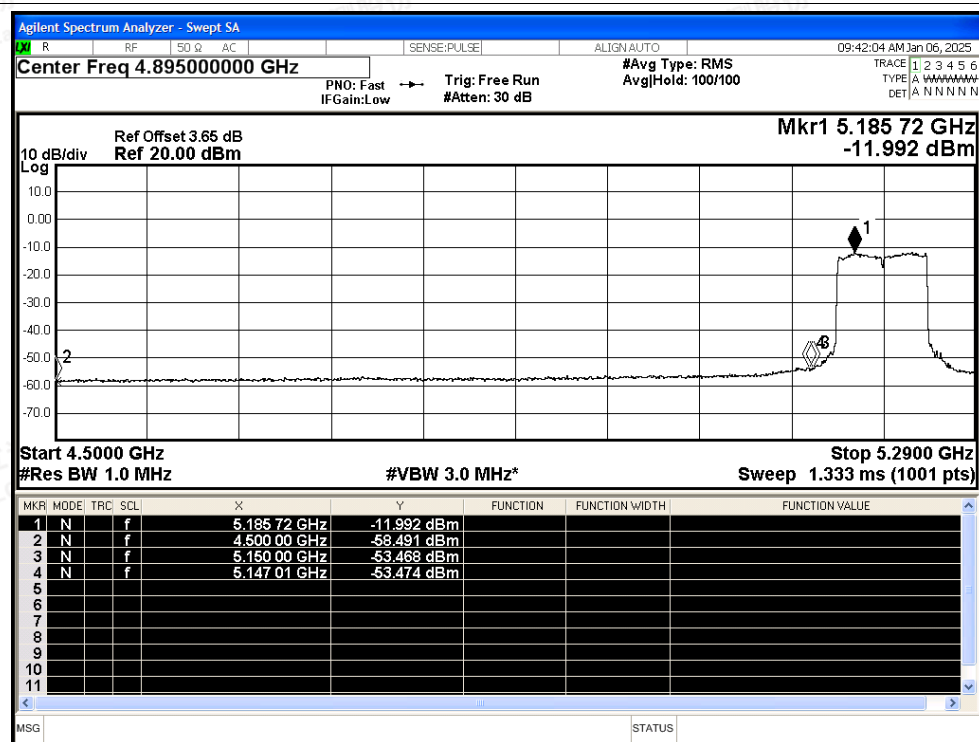




Restrict Band NVNT ax80 5210MHz Ant0 Peak



Restrict Band NVNT ax80 5210MHz Ant0 Average





Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5180	Ant1	4500	-51.15	2.33	-	46.41	Peak	68.2	Pass
NVNT	a	5180	Ant1	4500	-58.28	2.33	0.24	39.52	Average	54	Pass
NVNT	a	5180	Ant1	5148.2	-40.72	2.33	-	56.84	Peak	68.2	Pass
NVNT	a	5180	Ant1	5149.6	-51.25	2.33	0.24	46.55	Average	54	Pass
NVNT	a	5180	Ant1	5150	-38.14	2.33	-	59.42	Peak	68.2	Pass
NVNT	a	5180	Ant1	5150	-51.4	2.33	0.24	46.40	Average	54	Pass
NVNT	a	5240	Ant1	5350	-49.37	2.33	-	48.19	Peak	68.2	Pass
NVNT	a	5240	Ant1	5350	-57.78	2.33	0.24	40.02	Average	54	Pass
NVNT	a	5240	Ant1	5445.36	-47.24	2.33	-	50.32	Peak	68.2	Pass
NVNT	a	5240	Ant1	5390.64	-57.29	2.33	0.24	40.51	Average	54	Pass
NVNT	a	5240	Ant1	5460	-50.29	2.33	-	47.27	Peak	68.2	Pass
NVNT	a	5240	Ant1	5460	-57.94	2.33	0.24	39.86	Average	54	Pass
NVNT	n20	5180	Ant1	4500	-51.44	2.33	-	46.12	Peak	68.2	Pass
NVNT	n20	5180	Ant1	4500	-58.32	2.33	0.28	39.52	Average	54	Pass
NVNT	n20	5180	Ant1	5149.6	-39.16	2.33	-	58.40	Peak	68.2	Pass
NVNT	n20	5180	Ant1	5149.6	-50.67	2.33	0.28	47.17	Average	54	Pass
NVNT	n20	5180	Ant1	5150	-41.65	2.33	-	55.91	Peak	68.2	Pass
NVNT	n20	5180	Ant1	5150	-50.93	2.33	0.28	46.91	Average	54	Pass
NVNT	n20	5240	Ant1	5350	-50.03	2.33	-	47.53	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5350	-58.11	2.33	0.28	39.73	Average	54	Pass
NVNT	n20	5240	Ant1	5435.04	-46.44	2.33	-	51.12	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5457.12	-57.26	2.33	0.28	40.58	Average	54	Pass
NVNT	n20	5240	Ant1	5460	-50.13	2.33	-	47.43	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5460	-58.04	2.33	0.28	39.80	Average	54	Pass
NVNT	n40	5190	Ant1	4500	-49.59	2.33	-	47.97	Peak	68.2	Pass
NVNT	n40	5190	Ant1	4500	-58.25	2.33	0.12	39.43	Average	54	Pass
NVNT	n40	5190	Ant1	5148.24	-37.56	2.33	-	60.00	Peak	68.2	Pass
NVNT	n40	5190	Ant1	5148.24	-52.22	2.33	0.12	45.46	Average	54	Pass
NVNT	n40	5190	Ant1	5150	-41.07	2.33	-	56.49	Peak	68.2	Pass
NVNT	n40	5190	Ant1	5150	-52.28	2.33	0.12	45.40	Average	54	Pass
NVNT	n40	5230	Ant1	5350	-50.63	2.33	-	46.93	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5350	-57.91	2.33	0.12	39.77	Average	54	Pass
NVNT	n40	5230	Ant1	5399.79	-47.25	2.33	-	50.31	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5415.45	-57.08	2.33	0.12	40.60	Average	54	Pass
NVNT	n40	5230	Ant1	5460	-49.06	2.33	-	48.50	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5460	-57.82	2.33	0.12	39.86	Average	54	Pass
NVNT	ac20	5180	Ant1	4500	-49.56	2.33	-	48.00	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	4500	-57.61	2.33	0.28	40.23	Average	54	Pass





NVNT	ac20	5180	Ant1	5147.5	-42.61	2.33	-	54.95	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	5147.5	-55.02	2.33	0.28	42.82	Average	54	Pass
NVNT	ac20	5180	Ant1	5150	-41.07	2.33	-	56.49	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	5150	-54.73	2.33	0.28	43.11	Average	54	Pass
NVNT	ac20	5240	Ant1	5350	-47.32	2.33	-	50.24	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5350	-58.56	2.33	0.28	39.28	Average	54	Pass
NVNT	ac20	5240	Ant1	5449.44	-46.84	2.33	-	50.72	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5352.96	-57.03	2.33	0.28	40.81	Average	54	Pass
NVNT	ac20	5240	Ant1	5460	-50.17	2.33	-	47.39	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5460	-57.86	2.33	0.28	39.98	Average	54	Pass
NVNT	ac40	5190	Ant1	4500	-50.2	2.33	-	47.36	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	4500	-58.33	2.33	0.12	39.35	Average	54	Pass
NVNT	ac40	5190	Ant1	5148.24	-38.1	2.33	-	59.46	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	5149.7	-52.06	2.33	0.12	45.62	Average	54	Pass
NVNT	ac40	5190	Ant1	5150	-38.13	2.33	-	59.43	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	5150	-52.06	2.33	0.12	45.62	Average	54	Pass
NVNT	ac40	5230	Ant1	5350	-49.09	2.33	-	48.47	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5350	-57.65	2.33	0.12	40.03	Average	54	Pass
NVNT	ac40	5230	Ant1	5360.91	-46.74	2.33	-	50.82	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5366.04	-57.02	2.33	0.12	40.66	Average	54	Pass
NVNT	ac40	5230	Ant1	5460	-50.79	2.33	-	46.77	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5460	-57.95	2.33	0.12	39.73	Average	54	Pass
NVNT	ac80	5210	Ant1	5350	-48.96	2.33	-	48.60	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5350	-57.31	2.33	0.25	40.50	Average	54	Pass
NVNT	ac80	5210	Ant1	5357.37	-45.67	2.33	-	51.89	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5356.38	-56.31	2.33	0.25	41.50	Average	54	Pass
NVNT	ac80	5210	Ant1	5460	-49.38	2.33	-	48.18	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5460	-57.72	2.33	0.25	40.09	Average	54	Pass
NVNT	ac80	5210	Ant1	4500	-48.84	2.33	-	48.72	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	4500	-58.05	2.33	0.25	39.76	Average	54	Pass
NVNT	ac80	5210	Ant1	5143.85	-40.33	2.33	-	57.23	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5139.11	-50.59	2.33	0.25	47.22	Average	54	Pass
NVNT	ac80	5210	Ant1	5150	-42.91	2.33	-	54.65	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5150	-51.32	2.33	0.25	46.49	Average	54	Pass
NVNT	ax20	5180	Ant1	4500	-50.29	2.33	-	47.27	Peak	68.2	Pass
NVNT	ax20	5180	Ant1	4500	-58.36	2.33	0.28	39.48	Average	54	Pass
NVNT	ax20	5180	Ant1	5149.6	-35.7	2.33	-	61.86	Peak	68.2	Pass
NVNT	ax20	5180	Ant1	5148.9	-51.47	2.33	0.28	46.37	Average	54	Pass
NVNT	ax20	5180	Ant1	5150	-39.76	2.33	-	57.80	Peak	68.2	Pass
NVNT	ax20	5180	Ant1	5150	-51.18	2.33	0.28	46.66	Average	54	Pass
NVNT	ax20	5240	Ant1	5350	-48.61	2.33	-	48.95	Peak	68.2	Pass

