



Appendix B

RF Test Data for 5.2GWIFI (Conducted Measurement)

Product Name: OpenWrt One

Test Model: HW 24.03

Environmental Conditions

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





B.1 -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant0	21.928	---	Pass
NVNT	a	5200	Ant0	21.125	---	Pass
NVNT	a	5240	Ant0	22.48	---	Pass
NVNT	n20	5180	Ant0	27.211	---	Pass
NVNT	n20	5200	Ant0	27.902	---	Pass
NVNT	n20	5240	Ant0	25.55	---	Pass
NVNT	n40	5190	Ant0	39.603	---	Pass
NVNT	n40	5230	Ant0	39.609	---	Pass
NVNT	ac20	5180	Ant0	25.413	---	Pass
NVNT	ac20	5200	Ant0	25.063	---	Pass
NVNT	ac20	5240	Ant0	26.487	---	Pass
NVNT	ac40	5190	Ant0	40.98	---	Pass
NVNT	ac40	5230	Ant0	40.693	---	Pass
NVNT	ac80	5210	Ant0	80.044	---	Pass
NVNT	ac160	5250	Ant0	168.178	---	Pass
NVNT	ax20	5180	Ant0	29.126	---	Pass
NVNT	ax20	5200	Ant0	28.634	---	Pass
NVNT	ax20	5240	Ant0	28.126	---	Pass
NVNT	ax40	5190	Ant0	47.987	---	Pass
NVNT	ax40	5230	Ant0	42.385	---	Pass
NVNT	ax80	5210	Ant0	78.384	---	Pass
NVNT	ax160	5250	Ant0	159.374	---	Pass

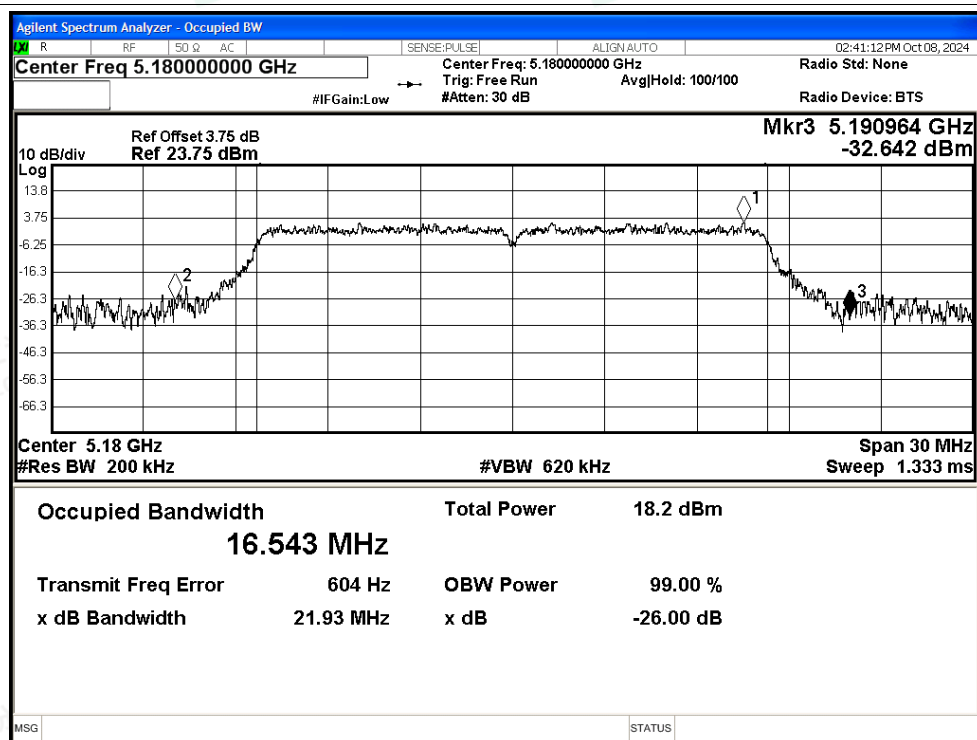


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Baoan District, Shenzhen, 518000, China
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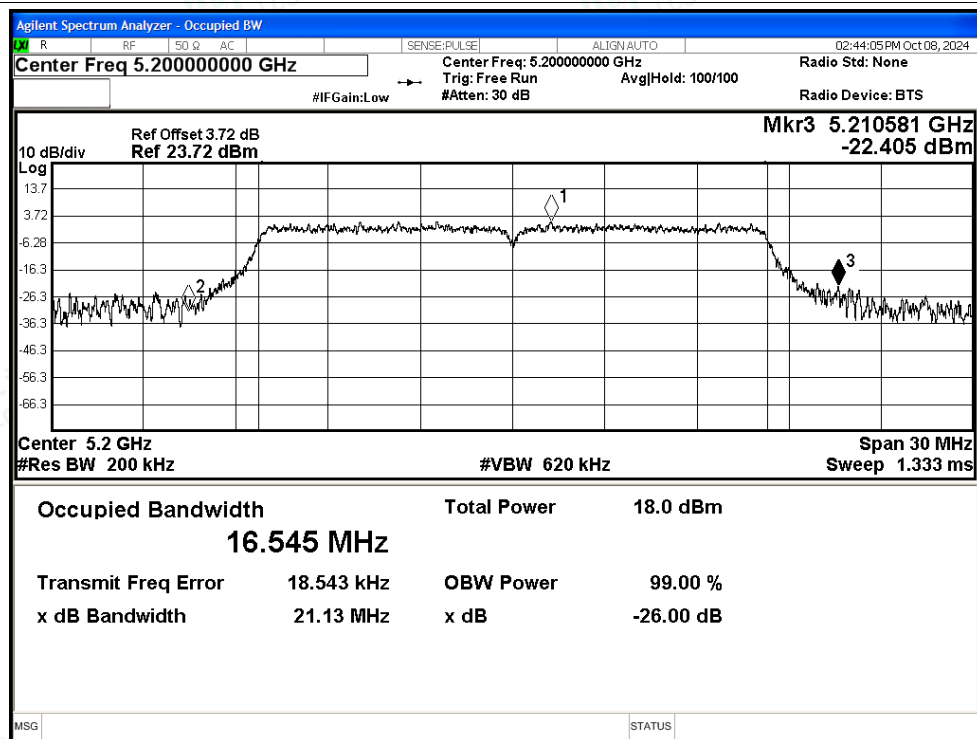


Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant0

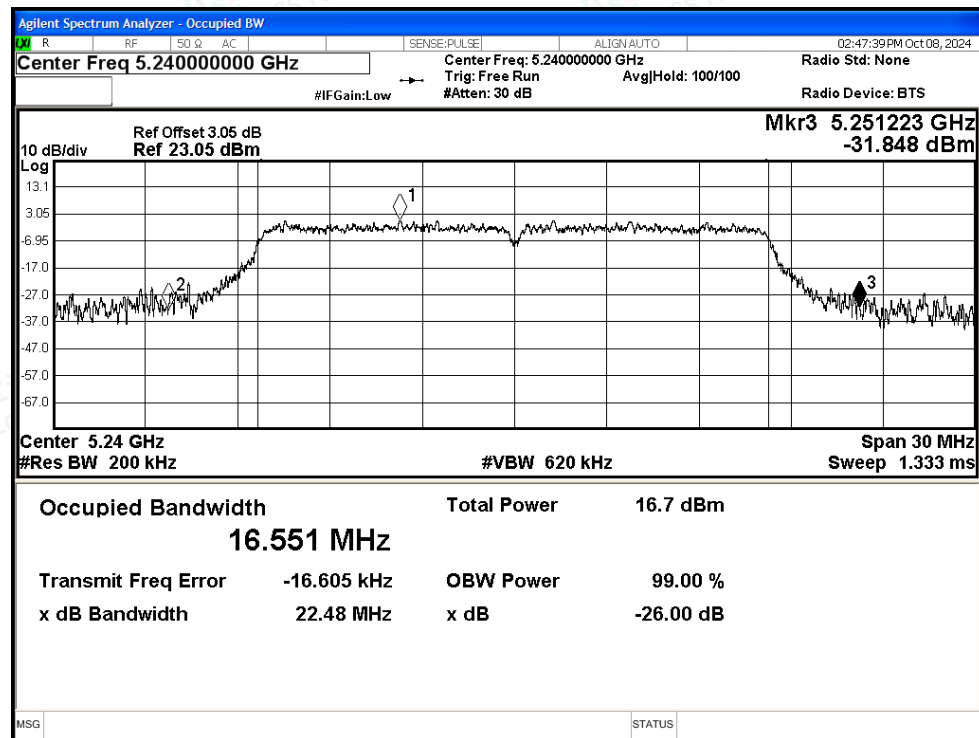


-26dB Bandwidth NVNT a 5200MHz Ant0

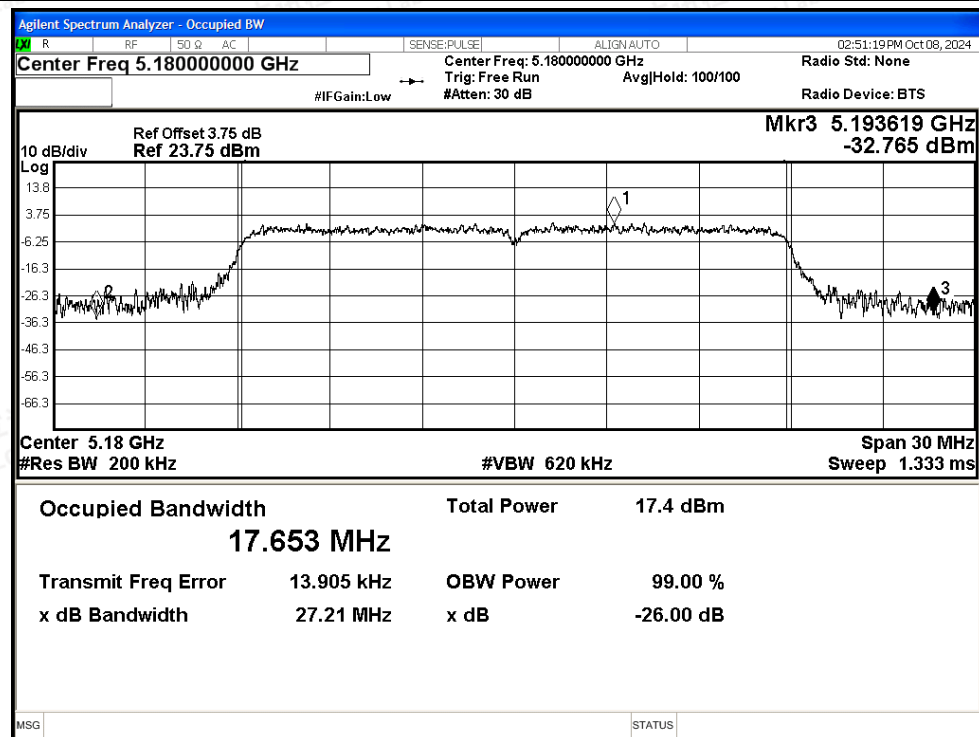




-26dB Bandwidth NVNT a 5240MHz Ant0

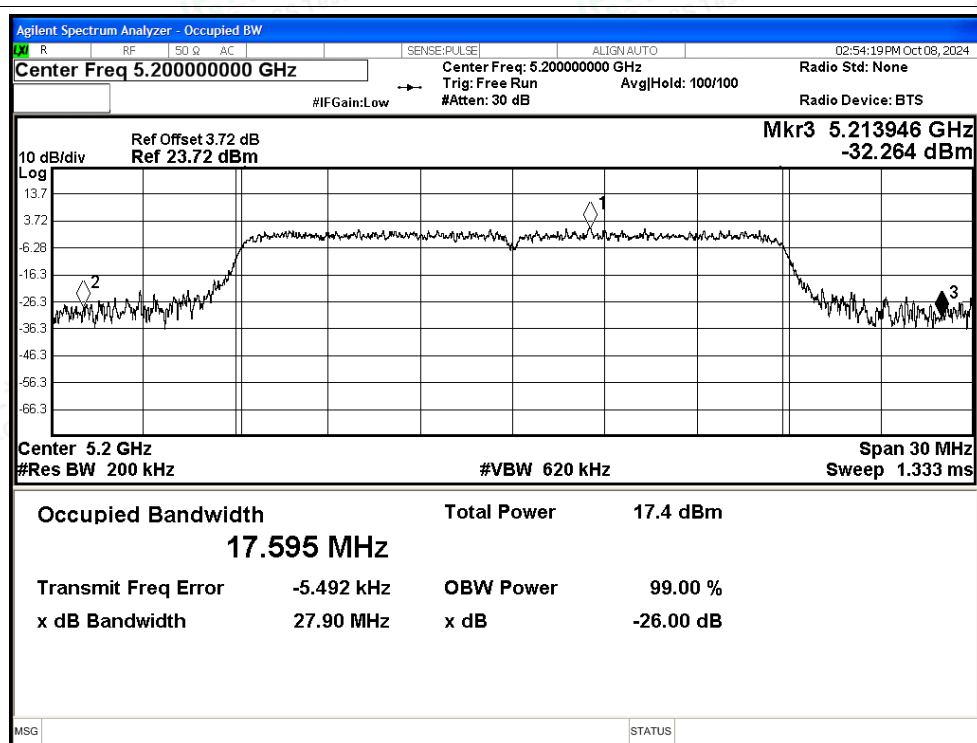


-26dB Bandwidth NVNT n20 5180MHz Ant0

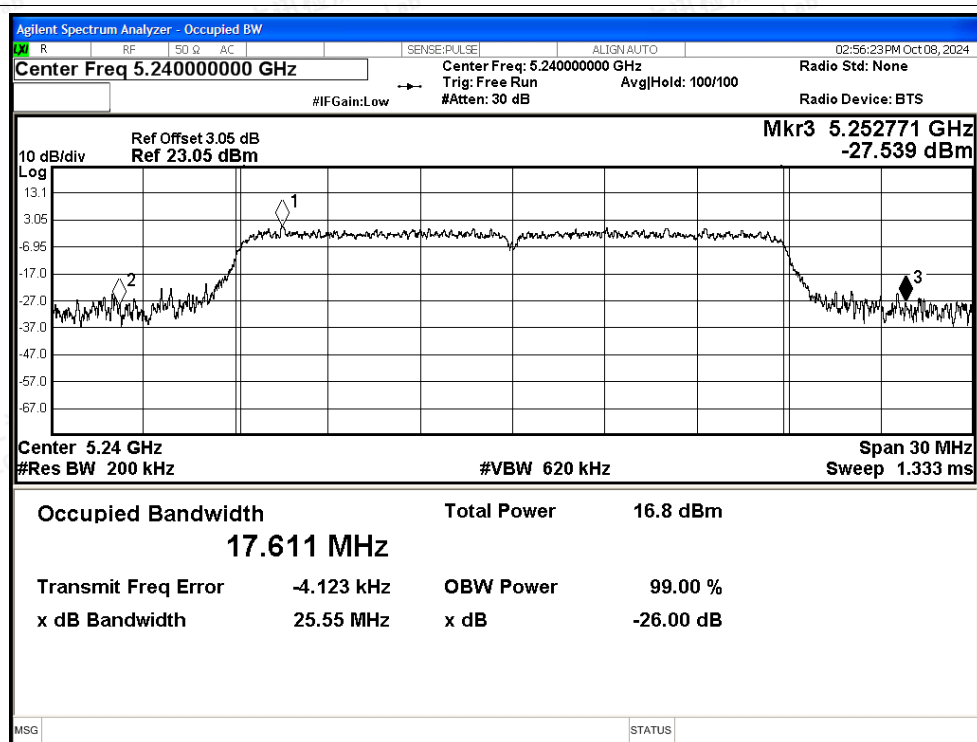




-26dB Bandwidth NVNT n20 5200MHz Ant0

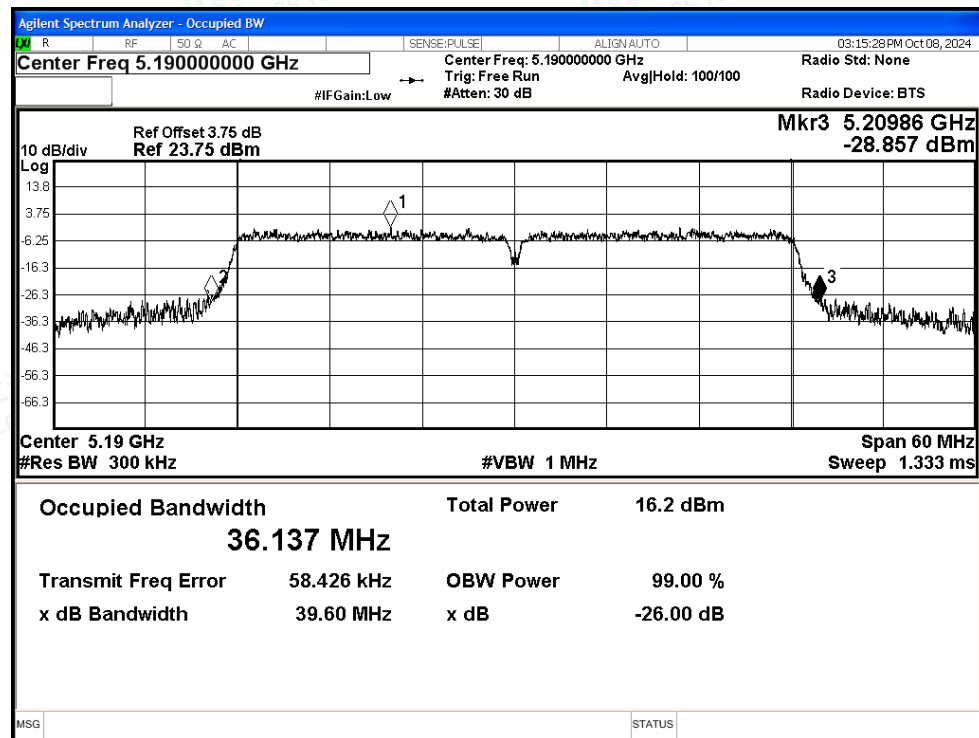


-26dB Bandwidth NVNT n20 5240MHz Ant0

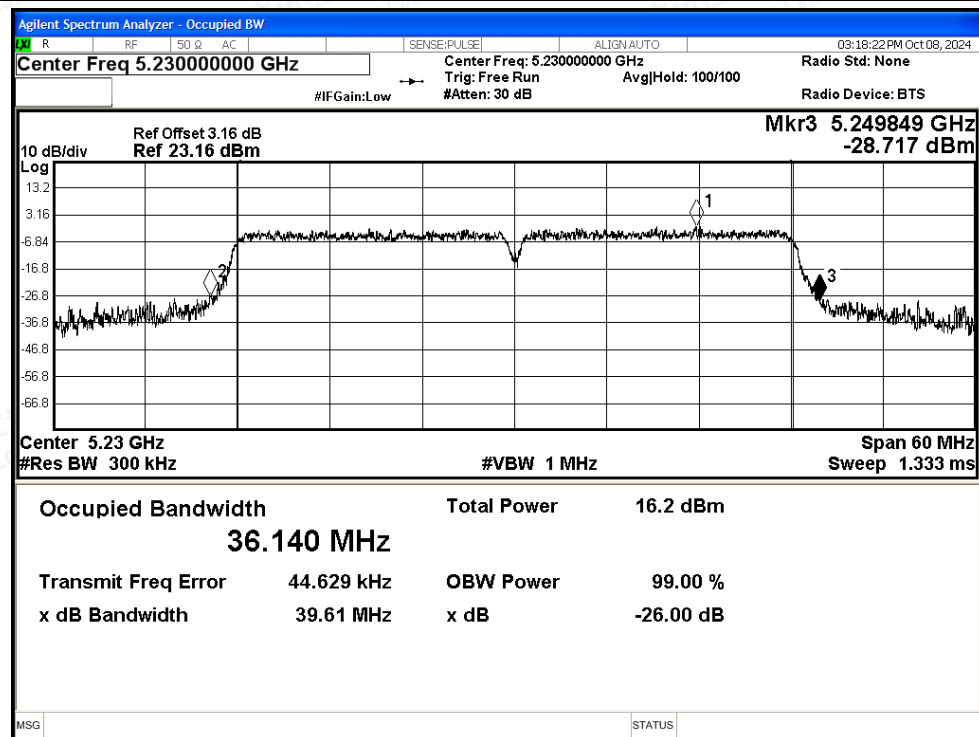




-26dB Bandwidth NVNT n40 5190MHz Ant0

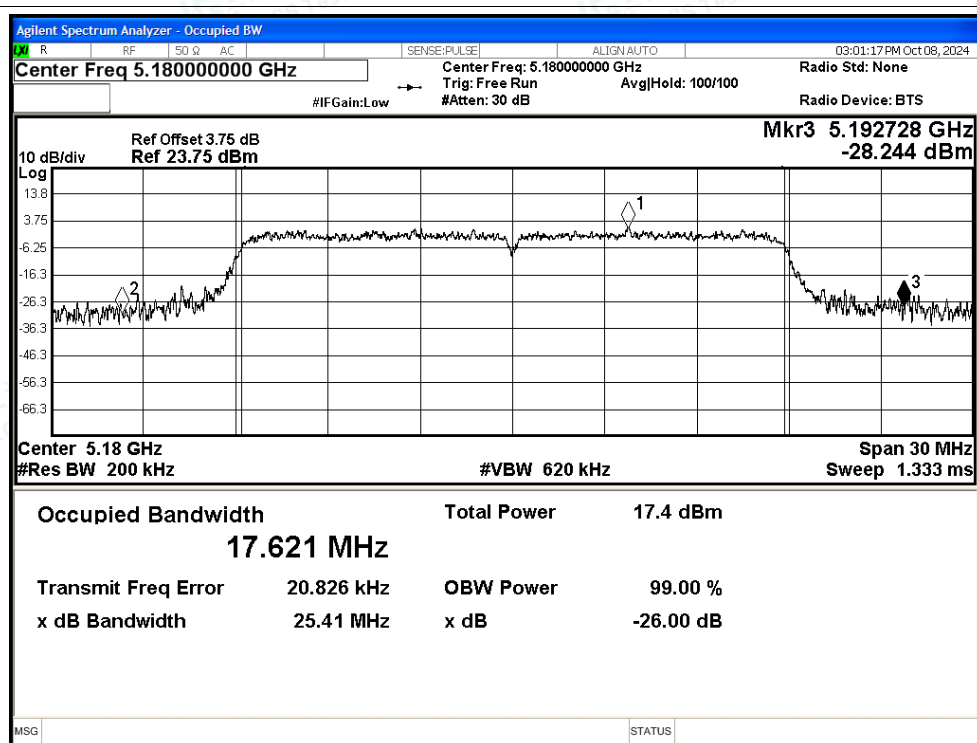


-26dB Bandwidth NVNT n40 5230MHz Ant0

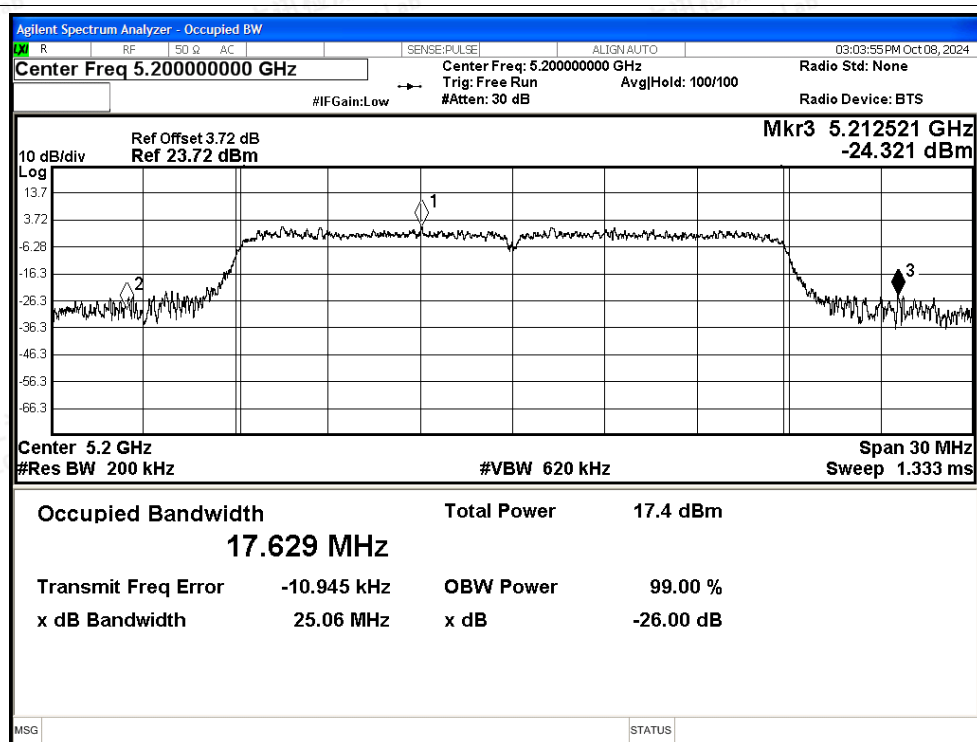




-26dB Bandwidth NVNT ac20 5180MHz Ant0

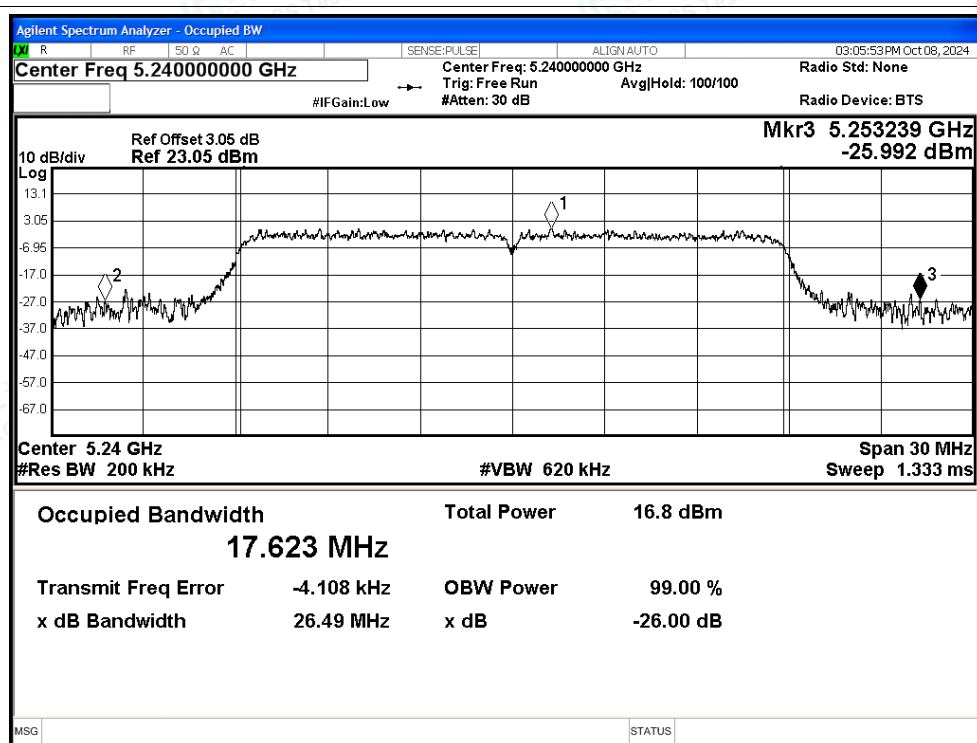


-26dB Bandwidth NVNT ac20 5200MHz Ant0

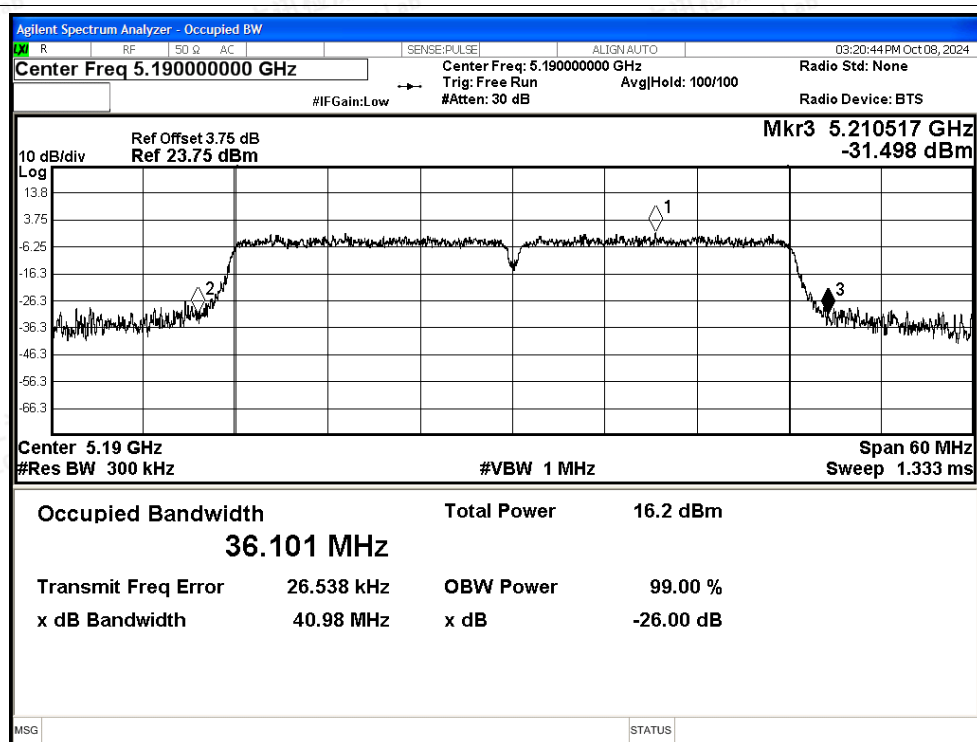




-26dB Bandwidth NVNT ac20 5240MHz Ant0

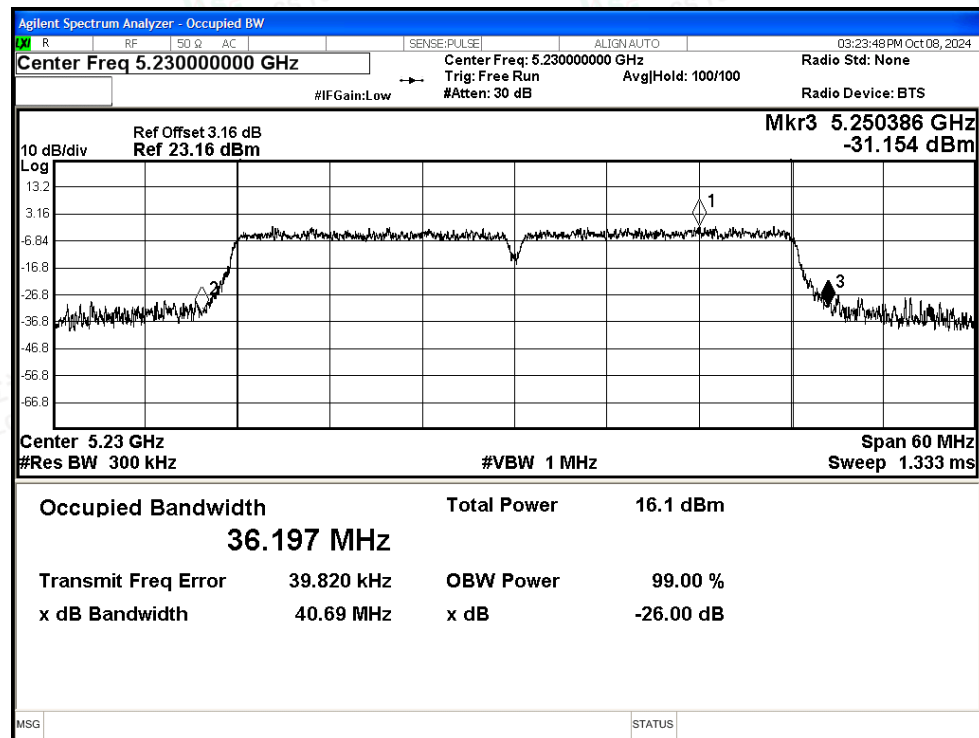


-26dB Bandwidth NVNT ac40 5190MHz Ant0

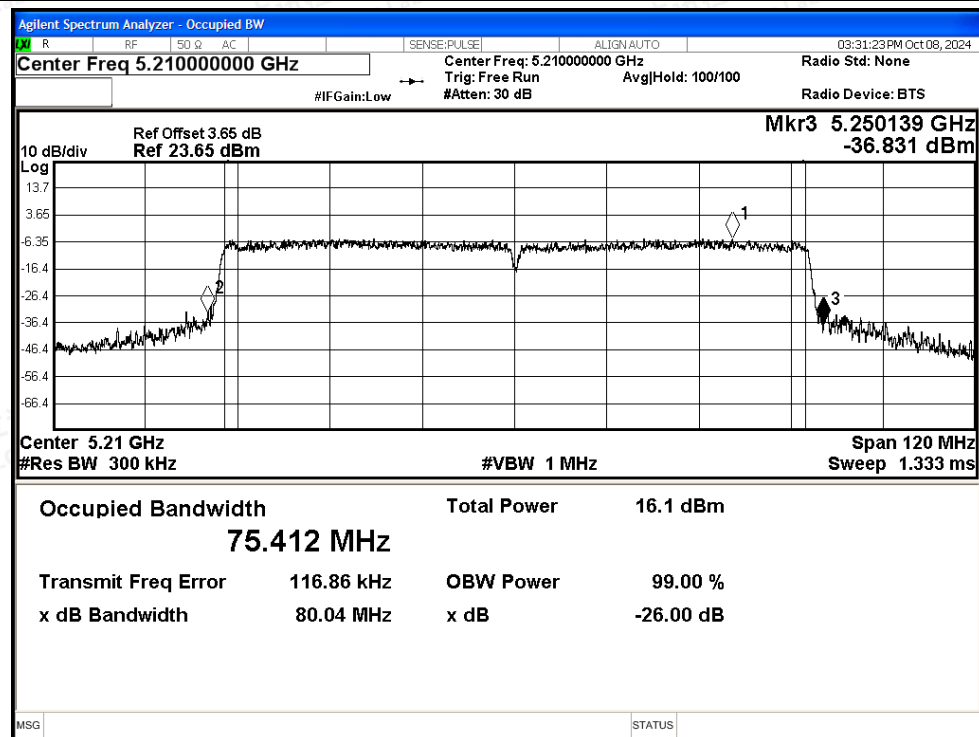




-26dB Bandwidth NVNT ac40 5230MHz Ant0

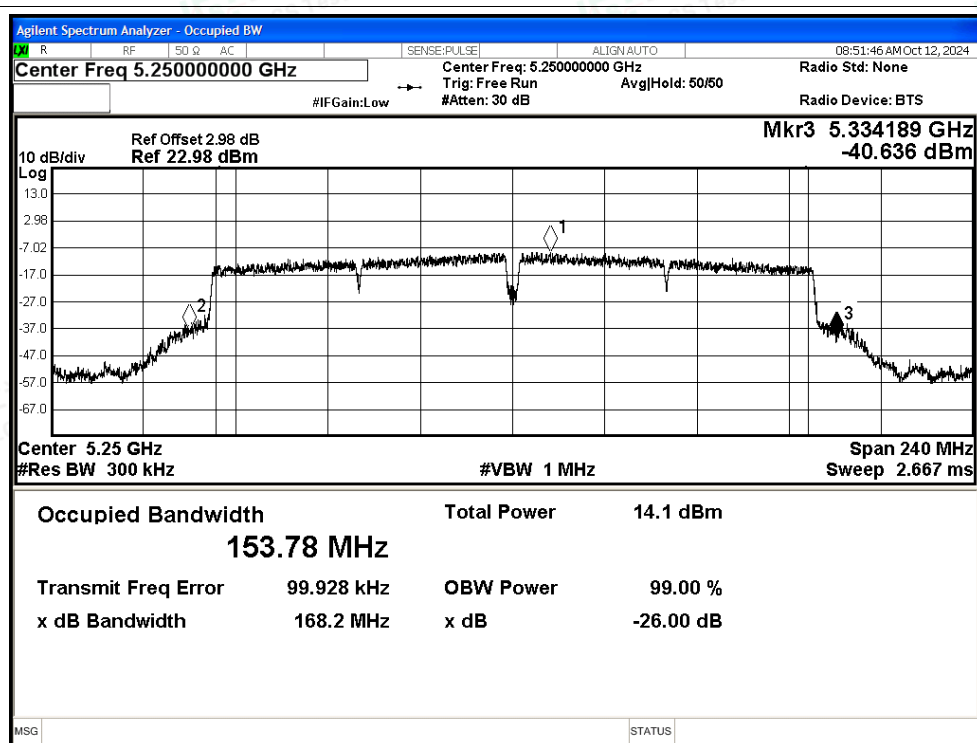


-26dB Bandwidth NVNT ac80 5210MHz Ant0

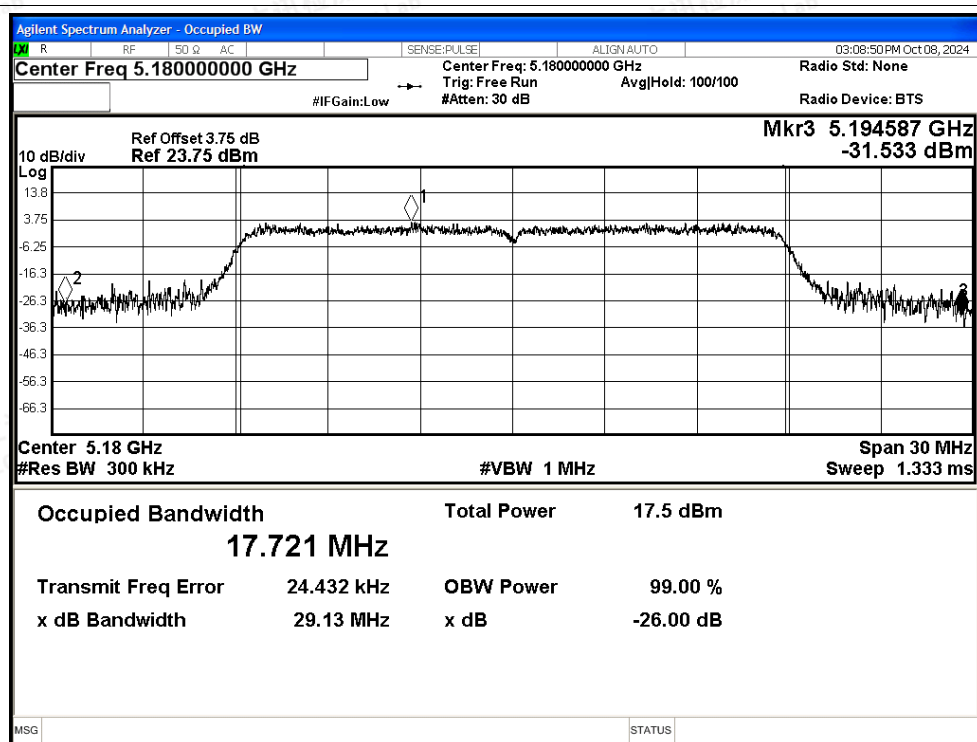




-26dB Bandwidth NVNT ac160 5250MHz Ant0

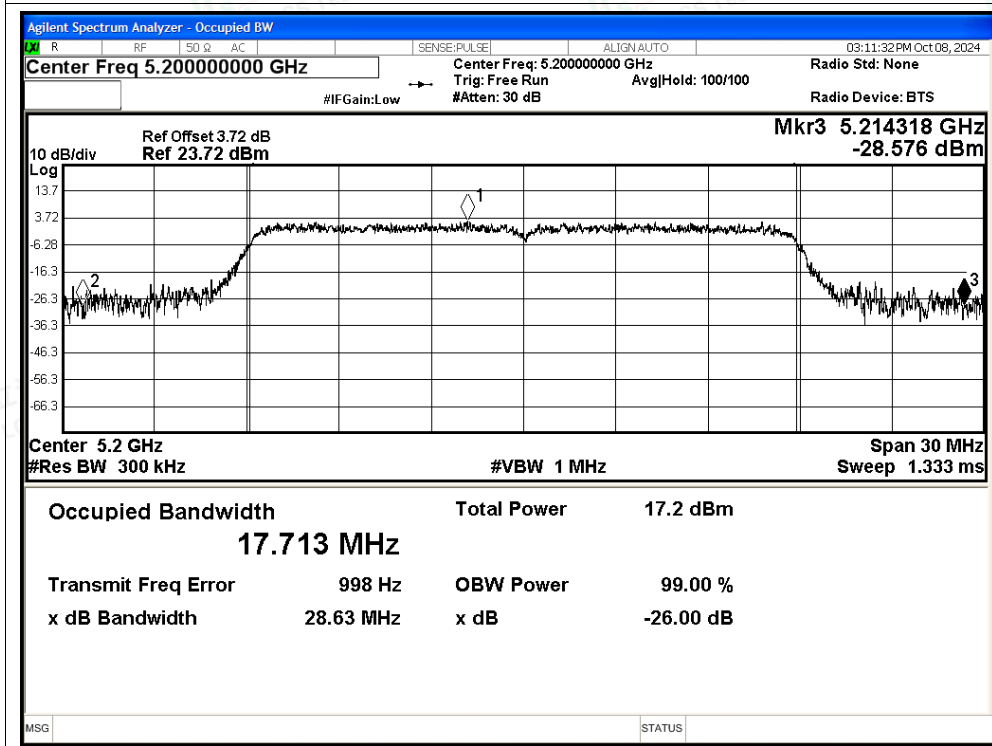


-26dB Bandwidth NVNT ax20 5180MHz Ant0

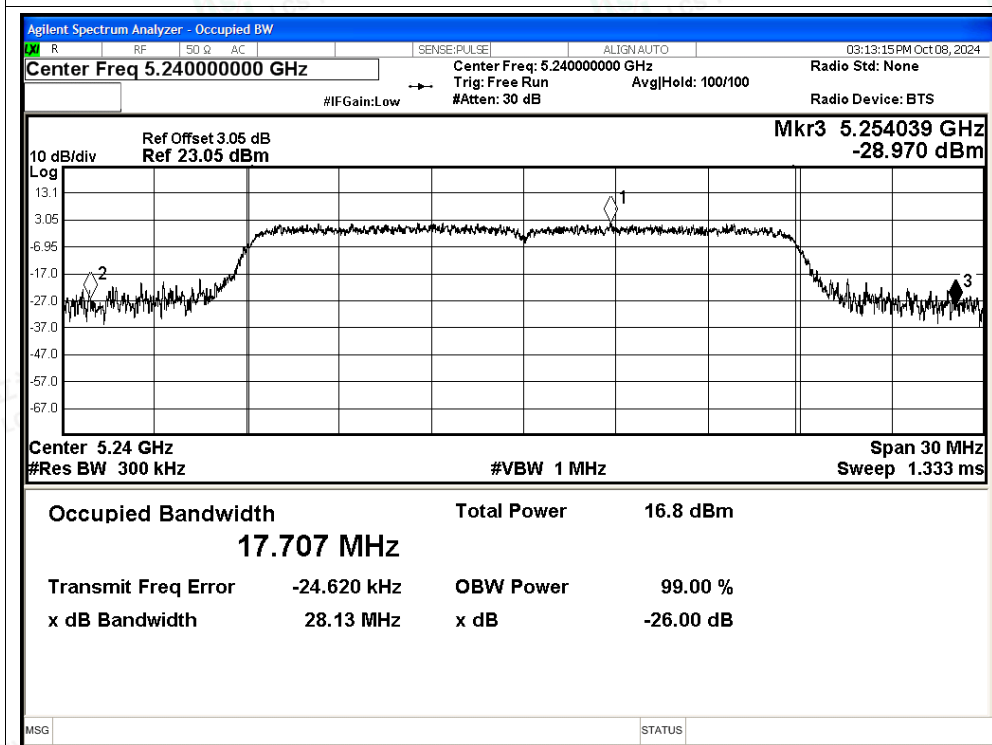




-26dB Bandwidth NVNT ax20 5200MHz Ant0

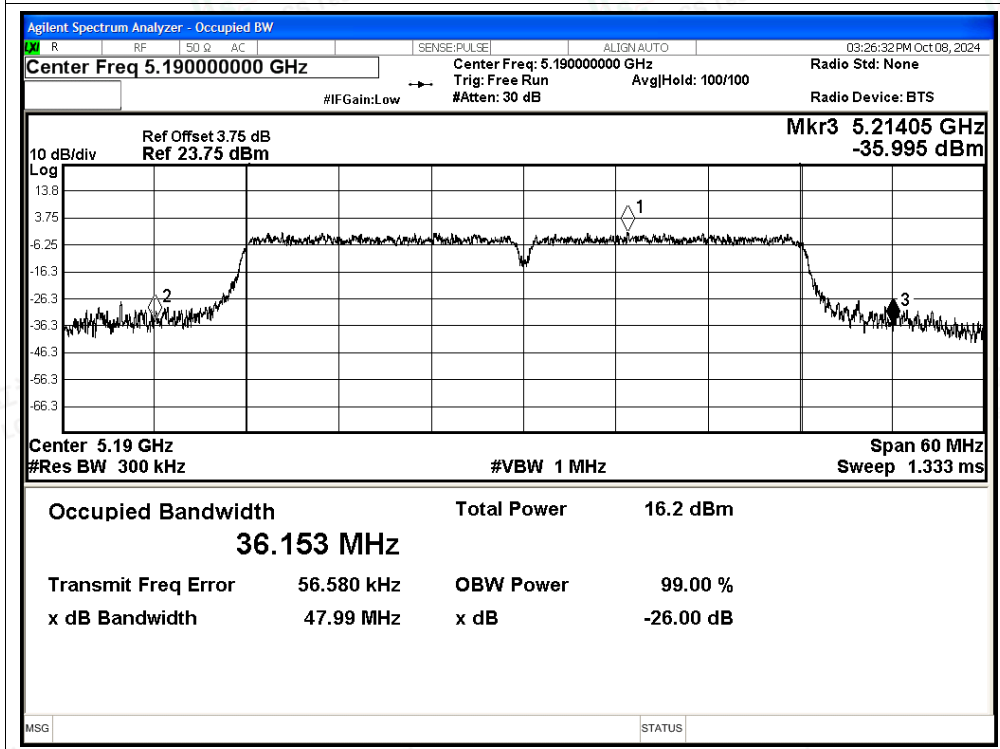


-26dB Bandwidth NVNT ax20 5240MHz Ant0

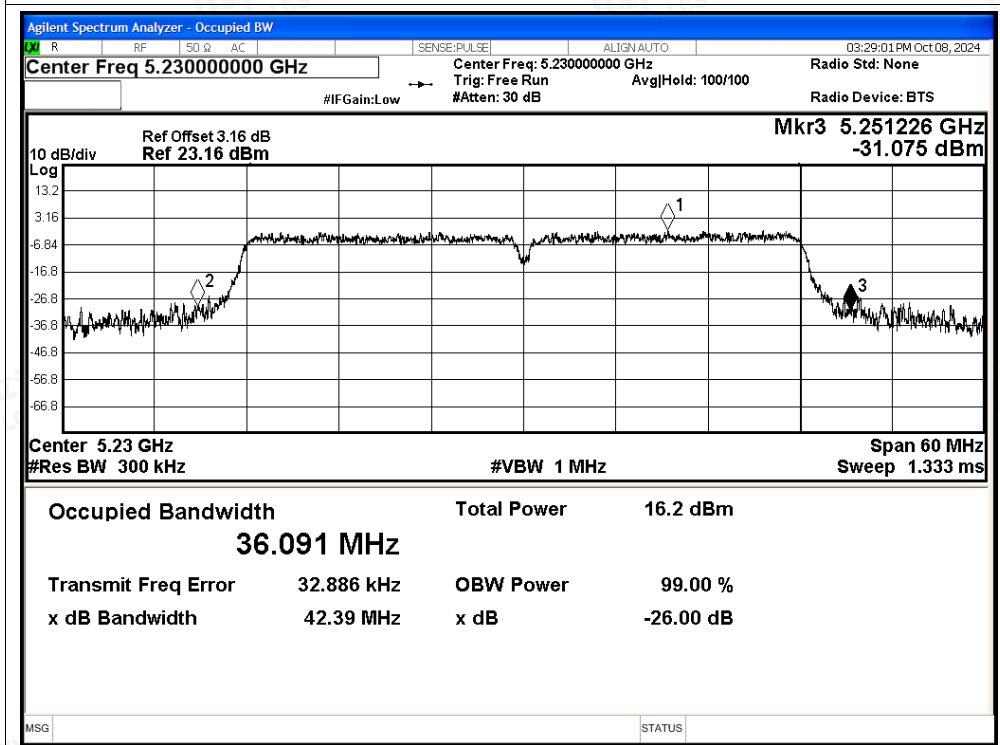




-26dB Bandwidth NVNT ax40 5190MHz Ant0

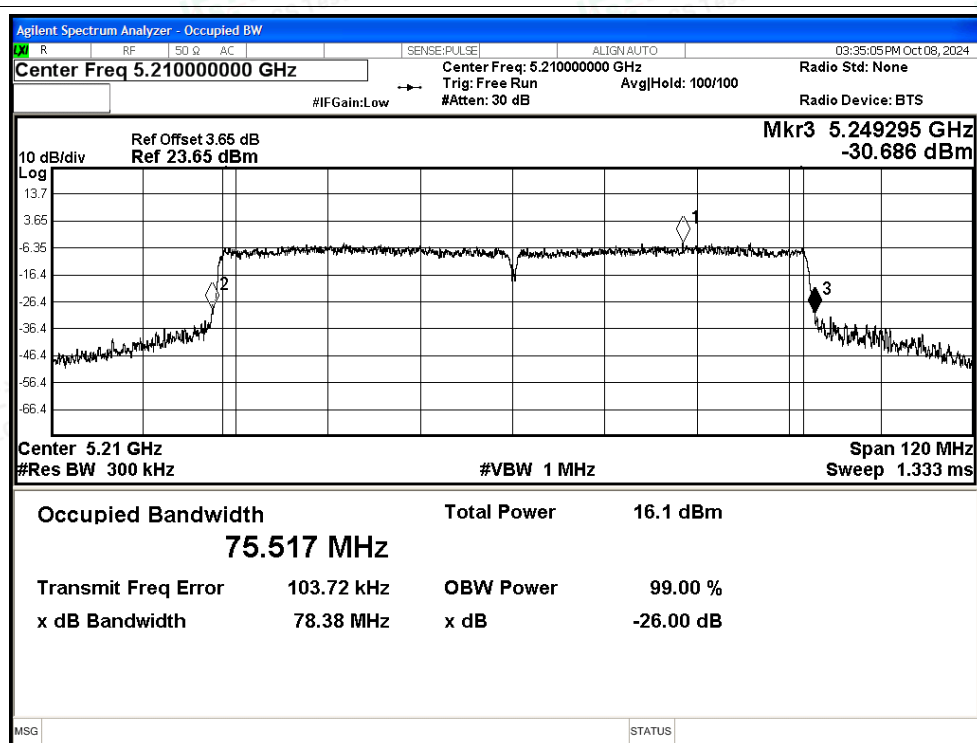


-26dB Bandwidth NVNT ax40 5230MHz Ant0

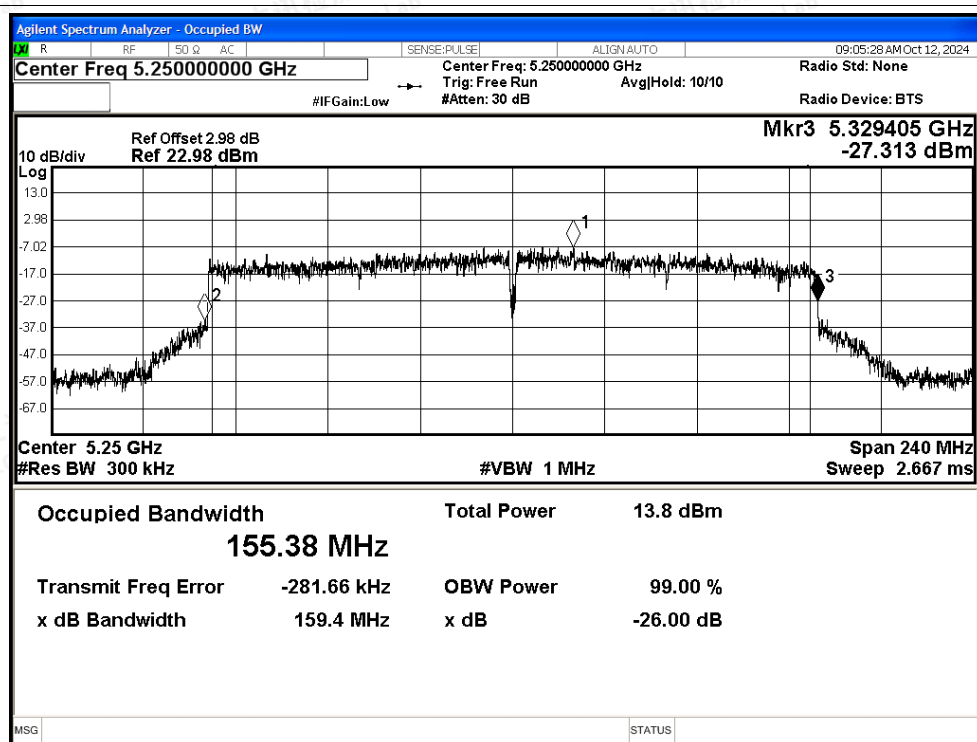




-26dB Bandwidth NVNT ax80 5210MHz Ant0



-26dB Bandwidth NVNT ax160 5250MHz Ant0





Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	22.193	---	Pass
NVNT	a	5200	Ant1	24.939	---	Pass
NVNT	a	5240	Ant1	23.936	---	Pass
NVNT	n20	5180	Ant1	28.034	---	Pass
NVNT	n20	5200	Ant1	27.738	---	Pass
NVNT	n20	5240	Ant1	26.589	---	Pass
NVNT	n40	5190	Ant1	39.848	---	Pass
NVNT	n40	5230	Ant1	39.13	---	Pass
NVNT	ac20	5180	Ant1	27.481	---	Pass
NVNT	ac20	5200	Ant1	27.716	---	Pass
NVNT	ac20	5240	Ant1	26.205	---	Pass
NVNT	ac40	5190	Ant1	41.543	---	Pass
NVNT	ac40	5230	Ant1	42.775	---	Pass
NVNT	ac80	5210	Ant1	78.405	---	Pass
NVNT	ac160	5250	Ant1	158.936	---	Pass
NVNT	ax20	5180	Ant1	28.485	---	Pass
NVNT	ax20	5200	Ant1	27.641	---	Pass
NVNT	ax20	5240	Ant1	28.045	---	Pass
NVNT	ax40	5190	Ant1	42.688	---	Pass
NVNT	ax40	5230	Ant1	45.142	---	Pass
NVNT	ax80	5210	Ant1	78.892	---	Pass
NVNT	ax160	5250	Ant1	158.839	---	Pass

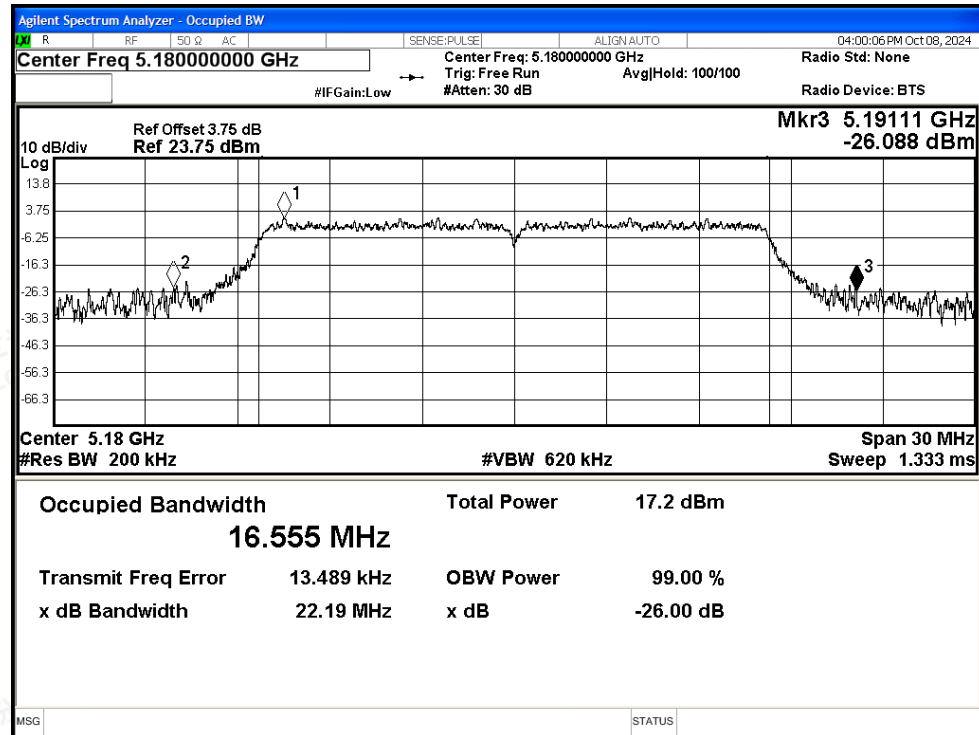


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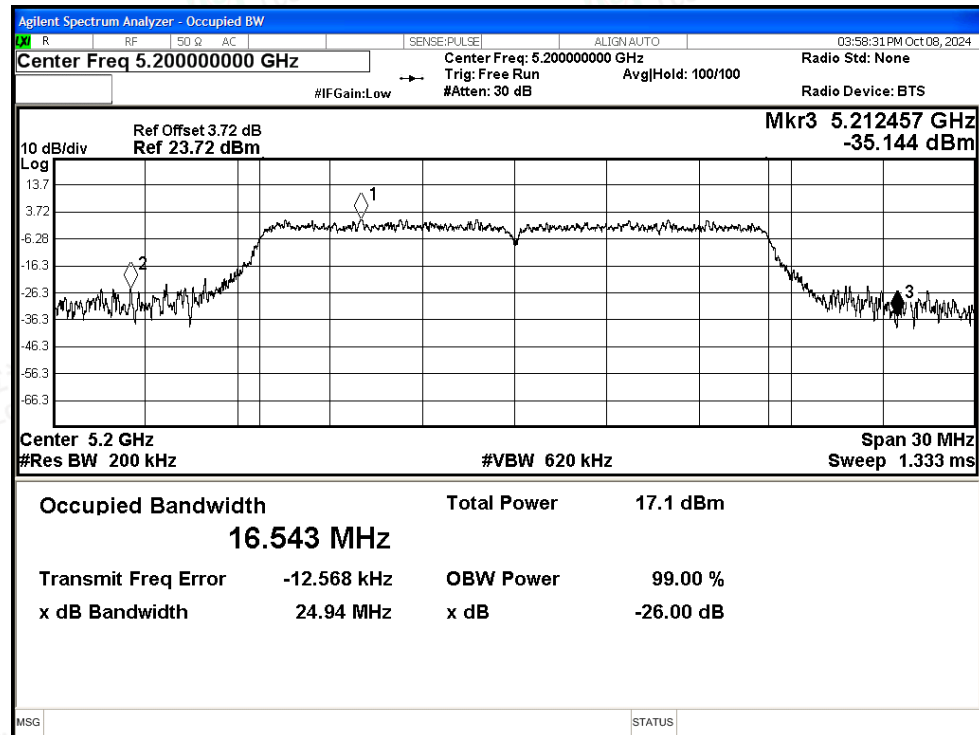


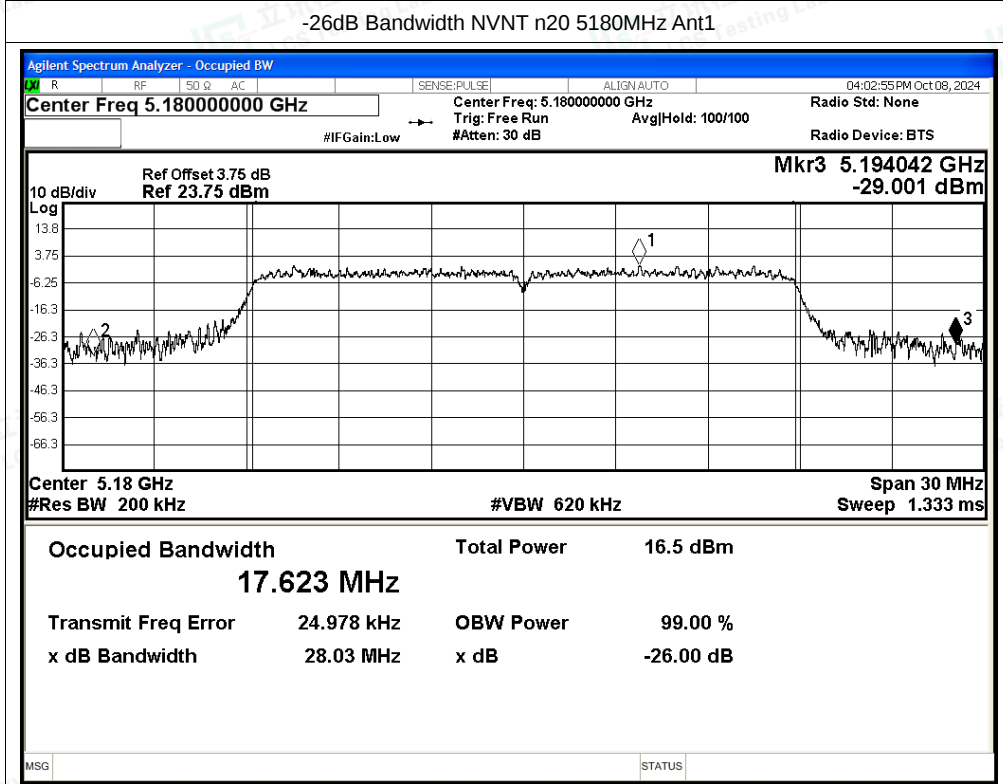
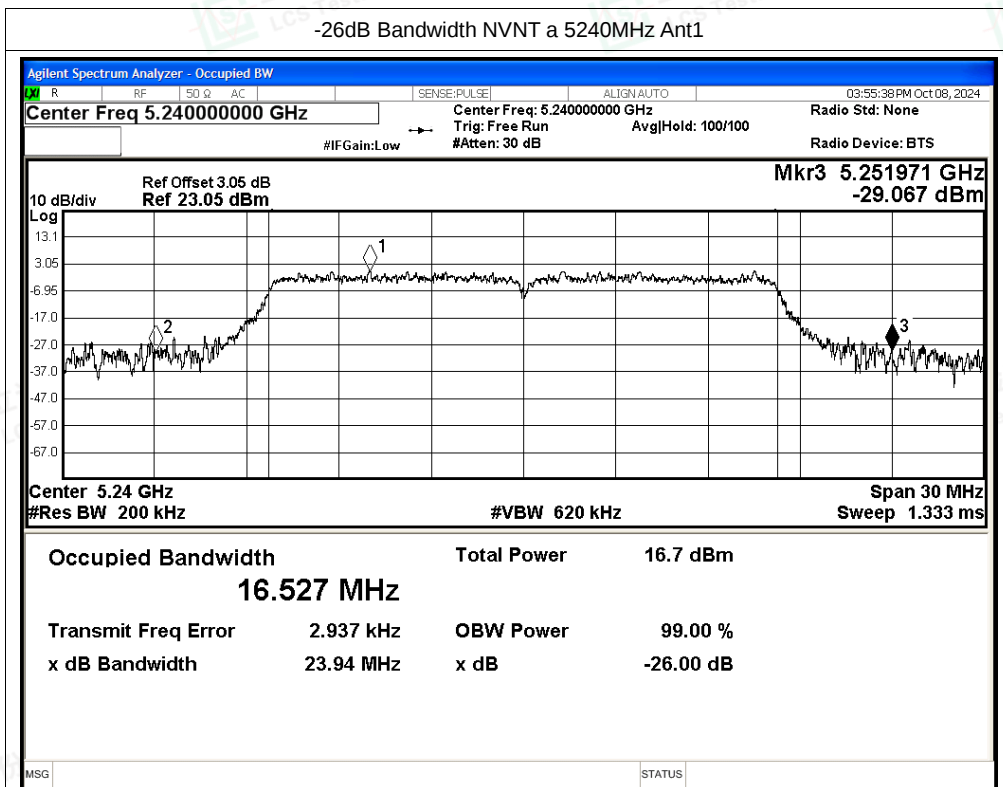
Test Graphs

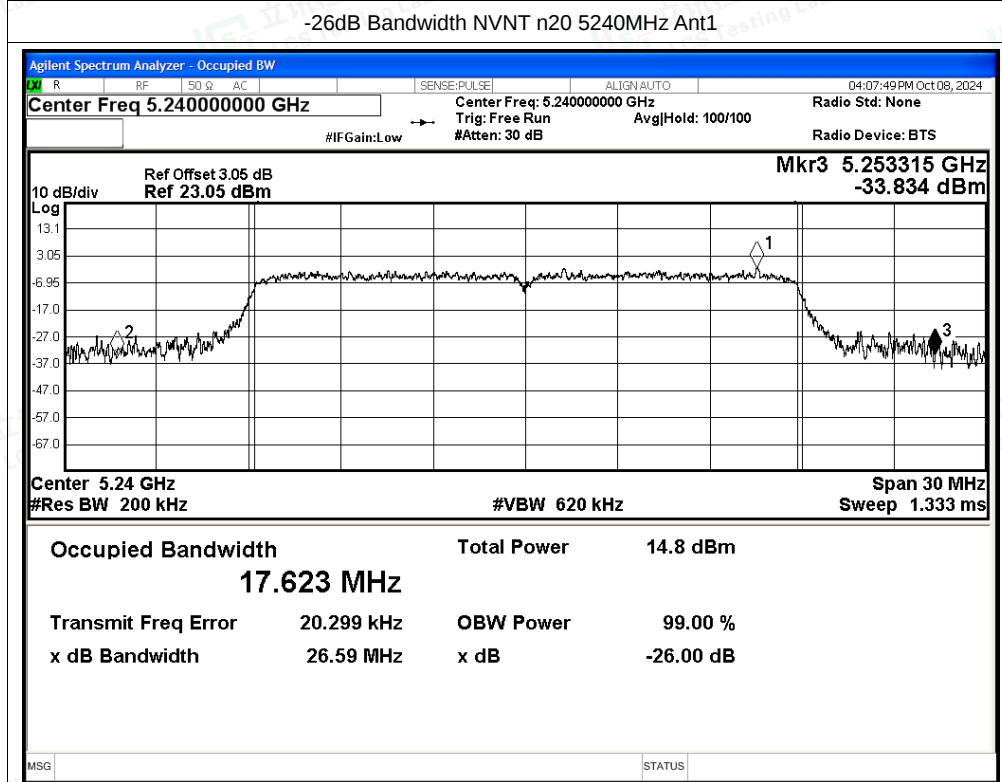
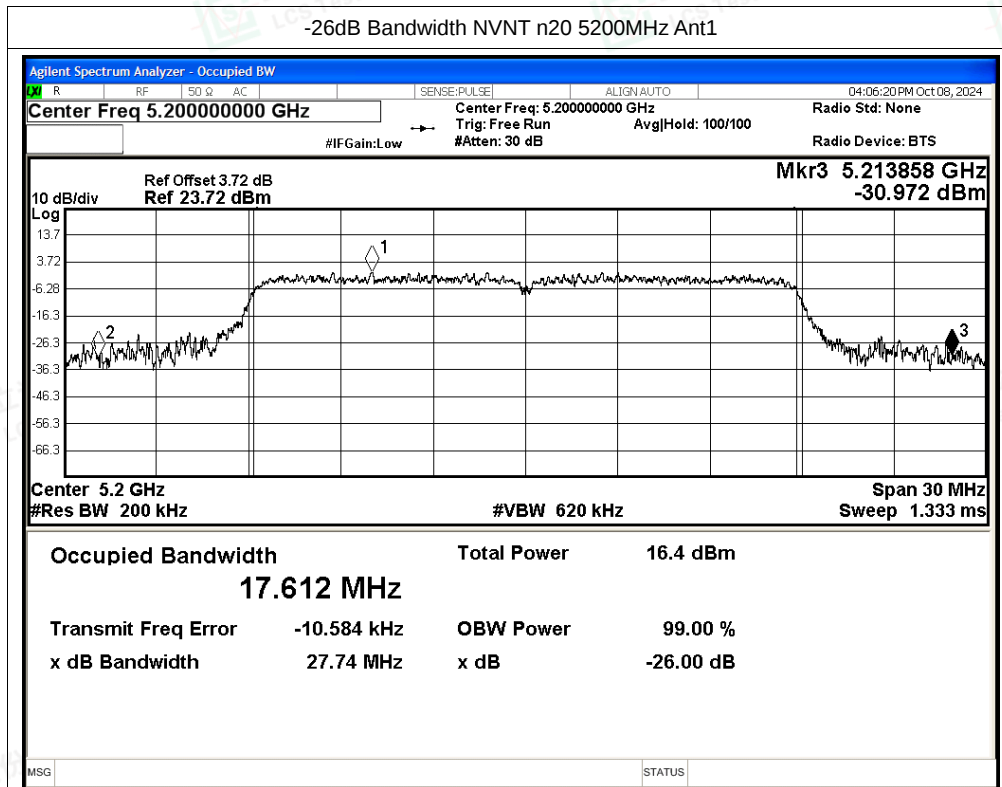
-26dB Bandwidth NVNT a 5180MHz Ant1

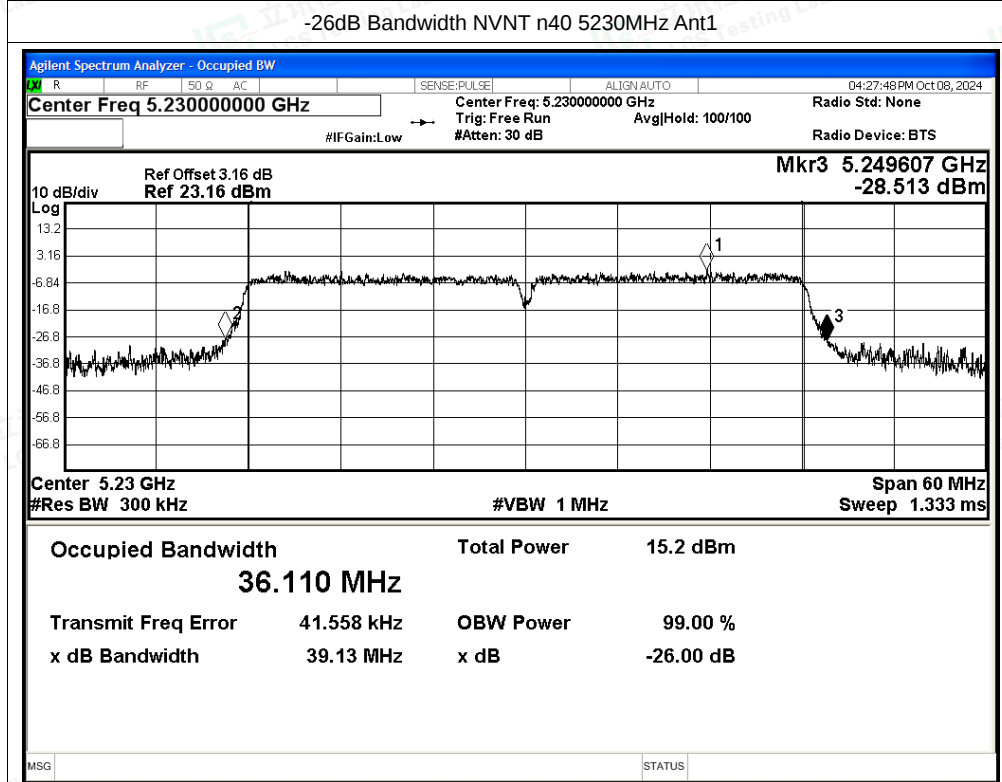
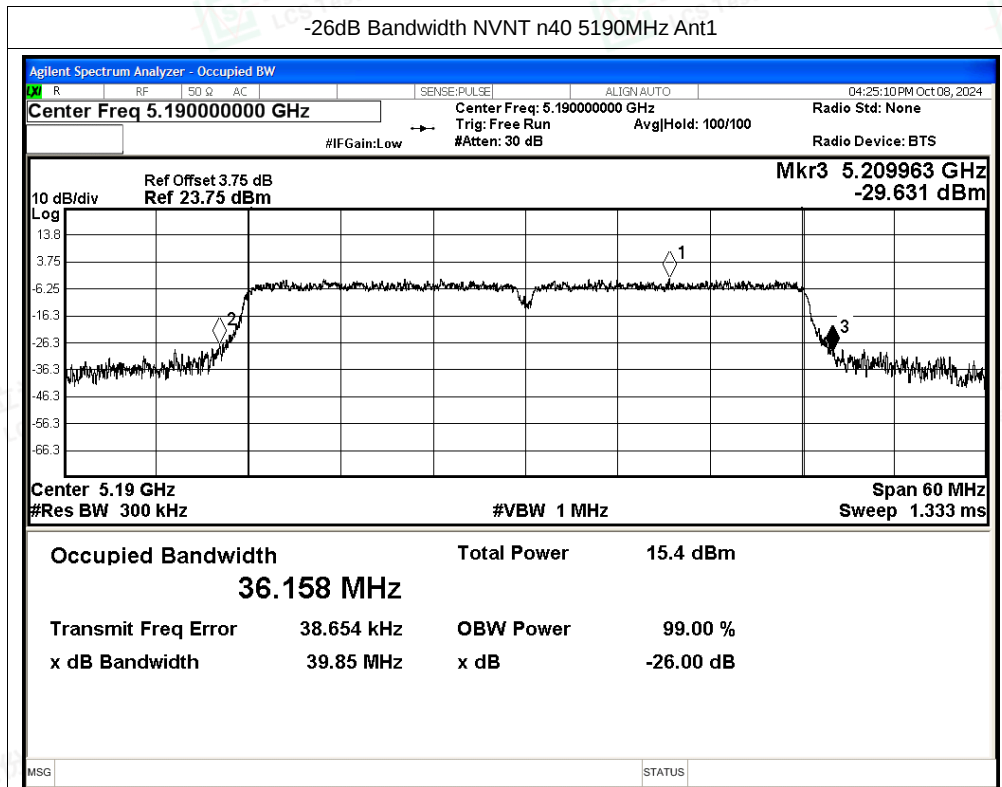


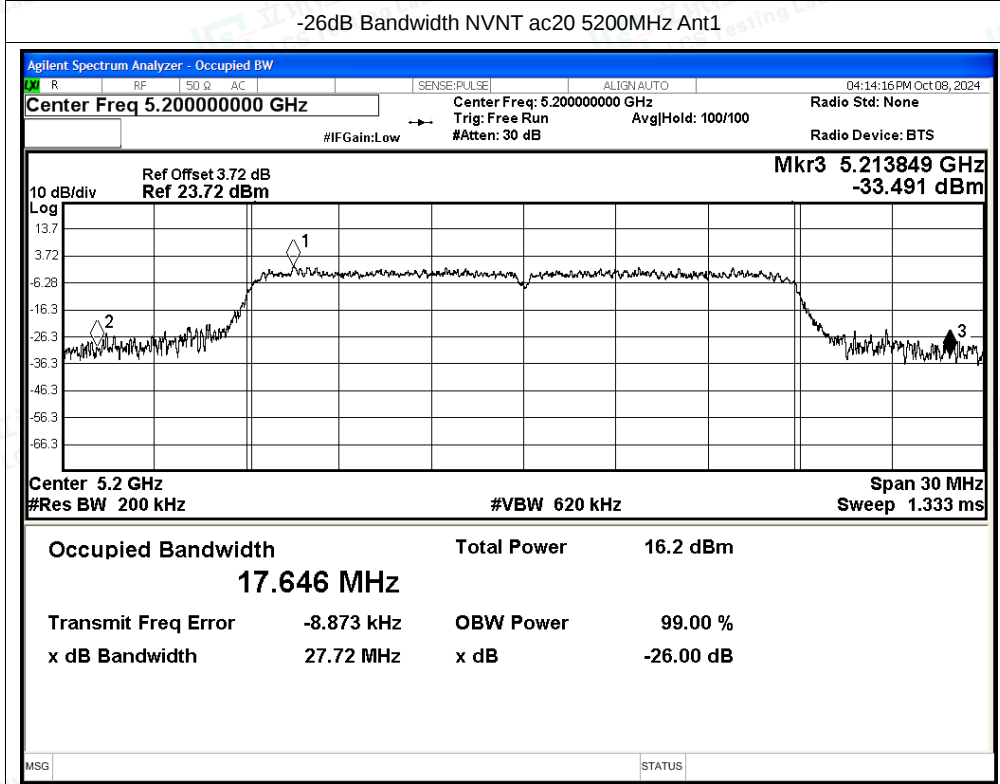
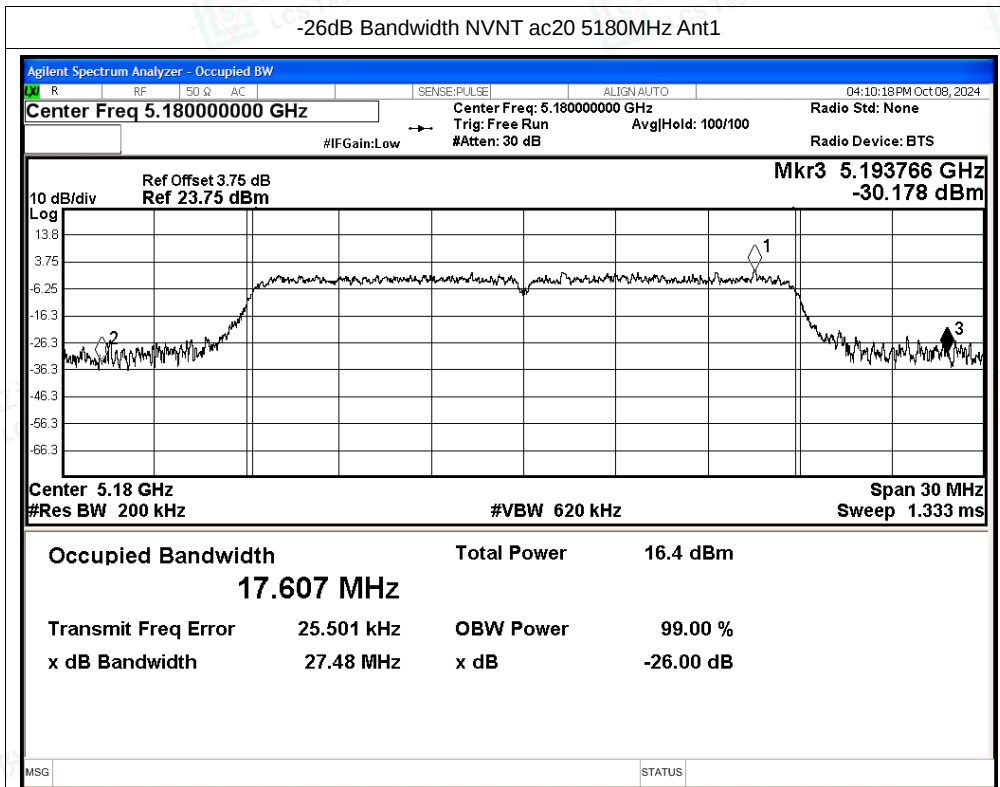
-26dB Bandwidth NVNT a 5200MHz Ant1

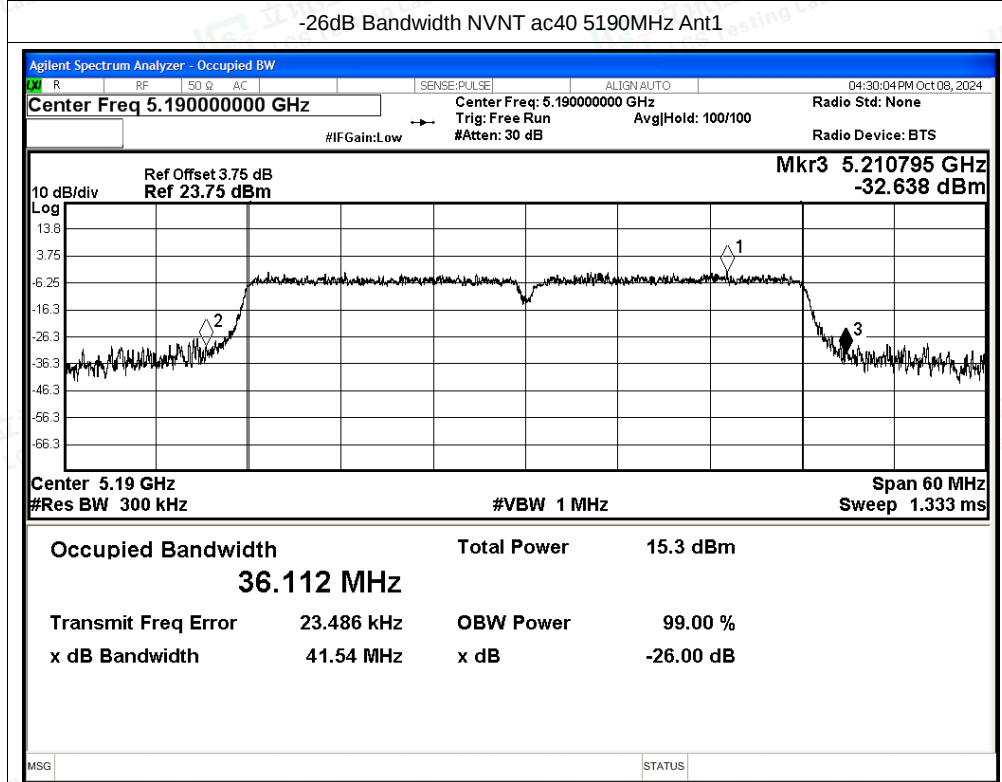
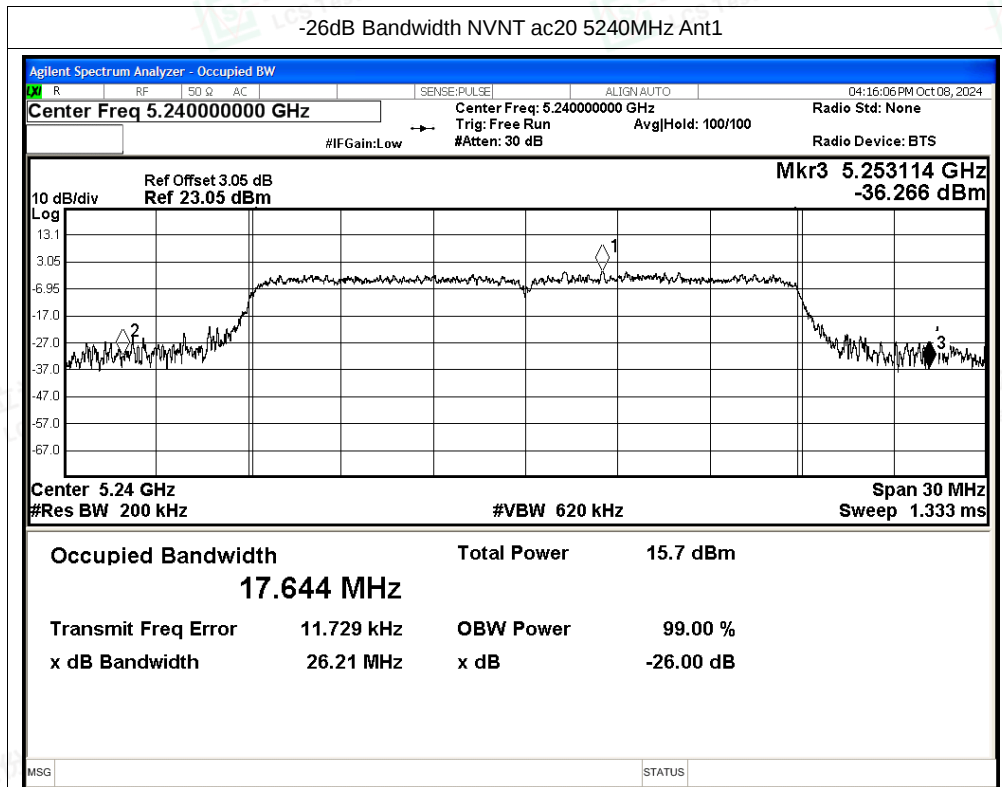


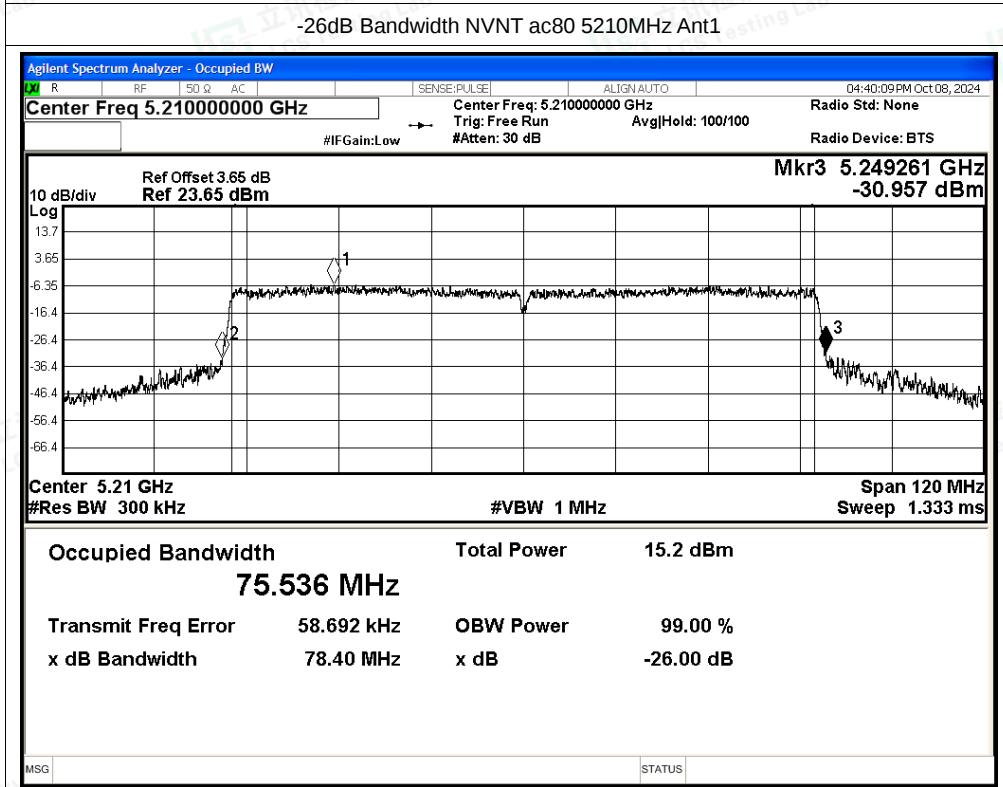
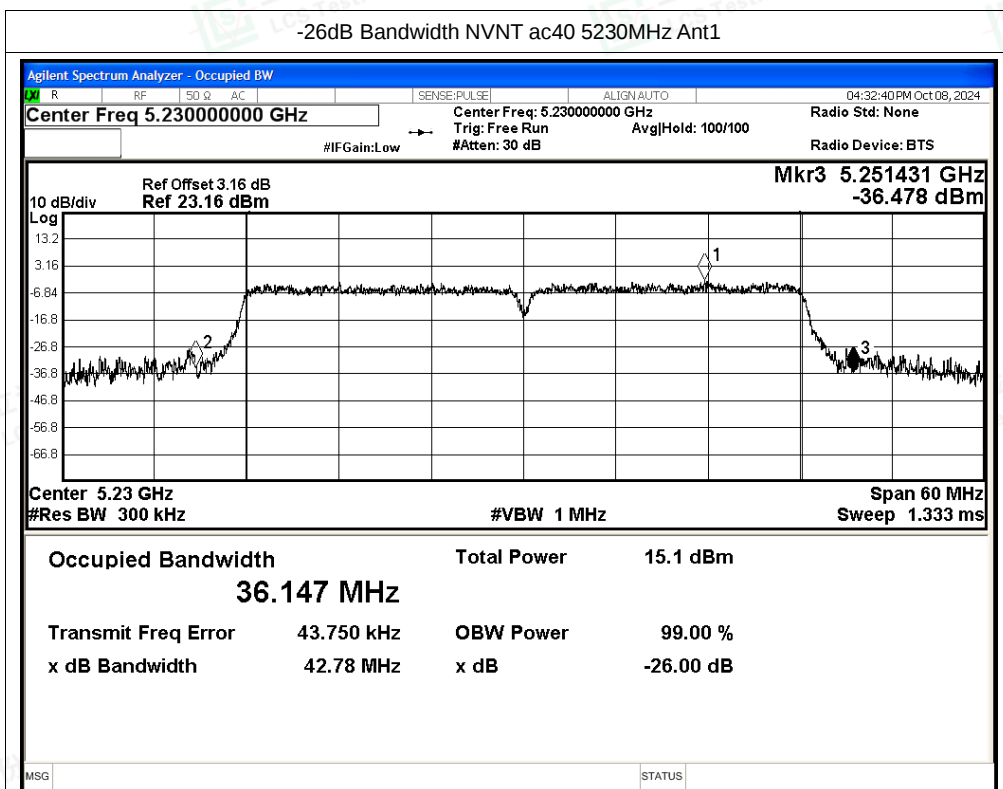








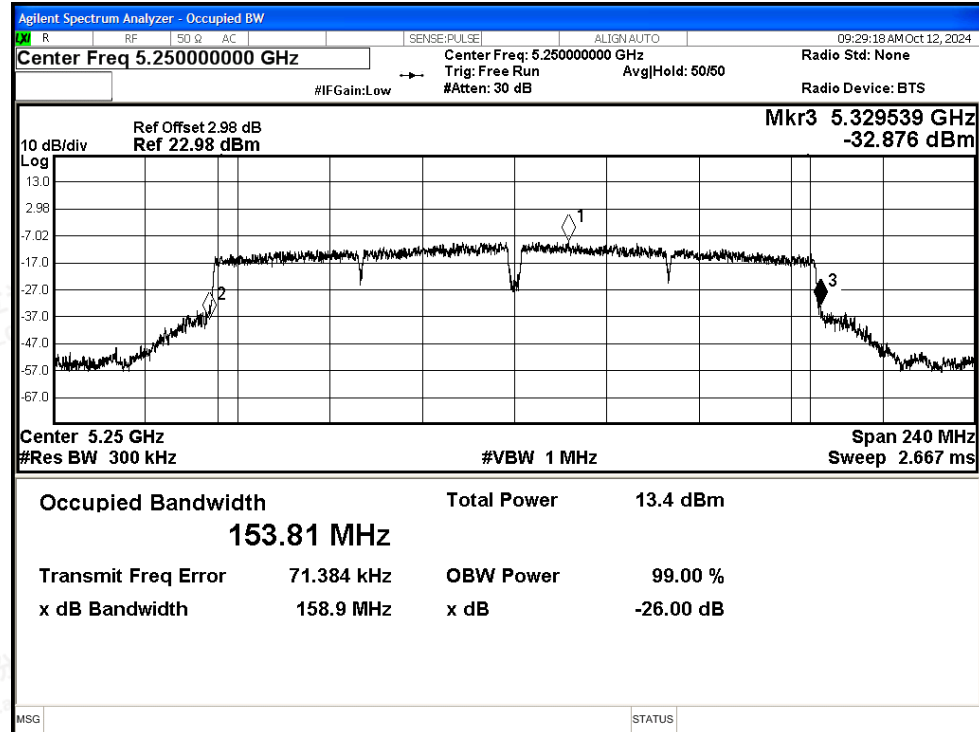




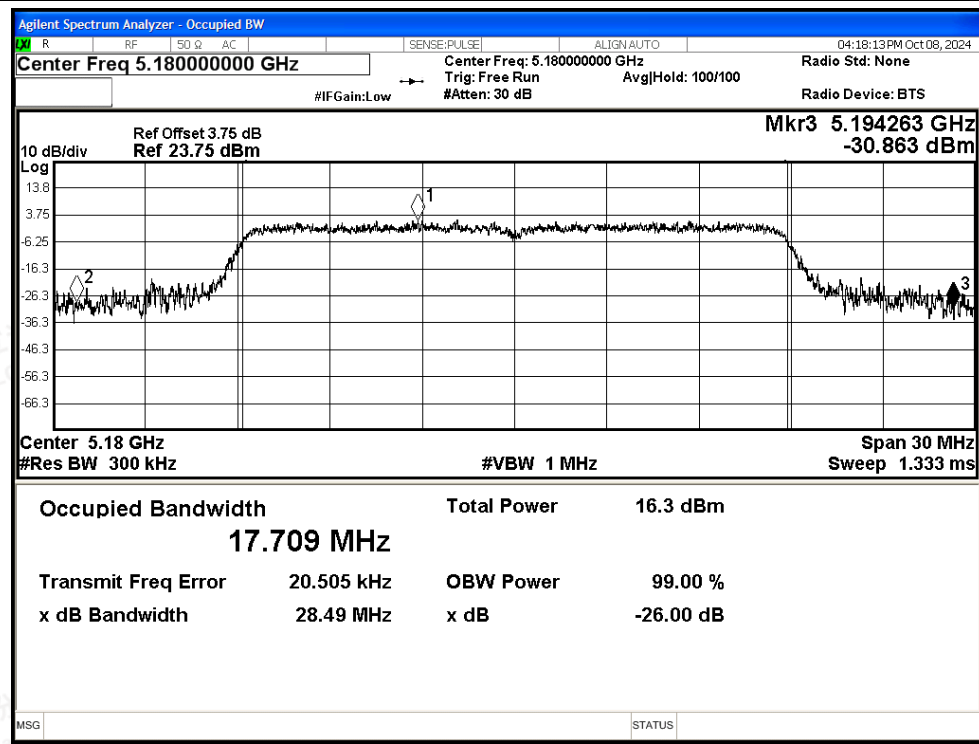


Test Graphs

-26dB Bandwidth NVNT ac160 5250MHz Ant1



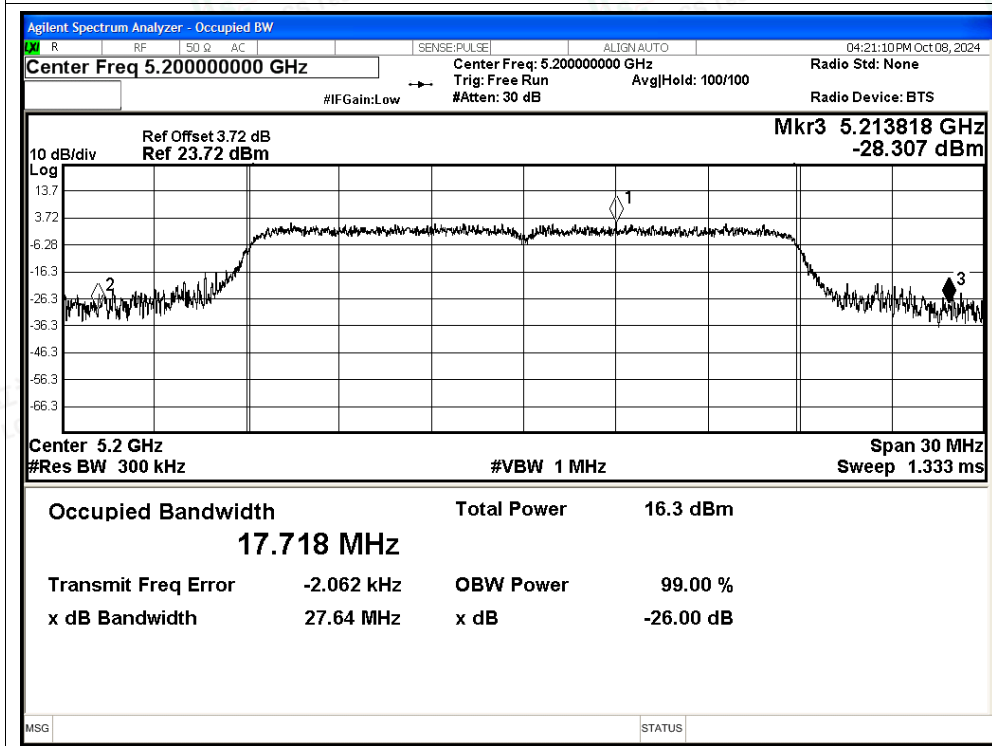
-26dB Bandwidth NVNT ax20 5180MHz Ant1



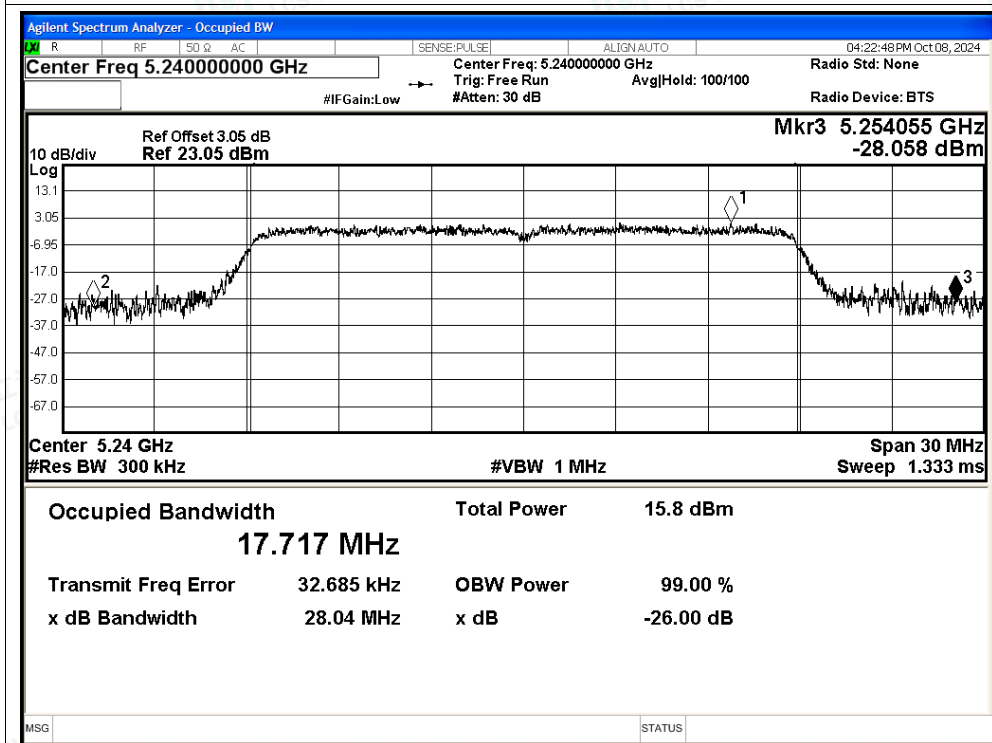
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-26dB Bandwidth NVNT ax20 5200MHz Ant1

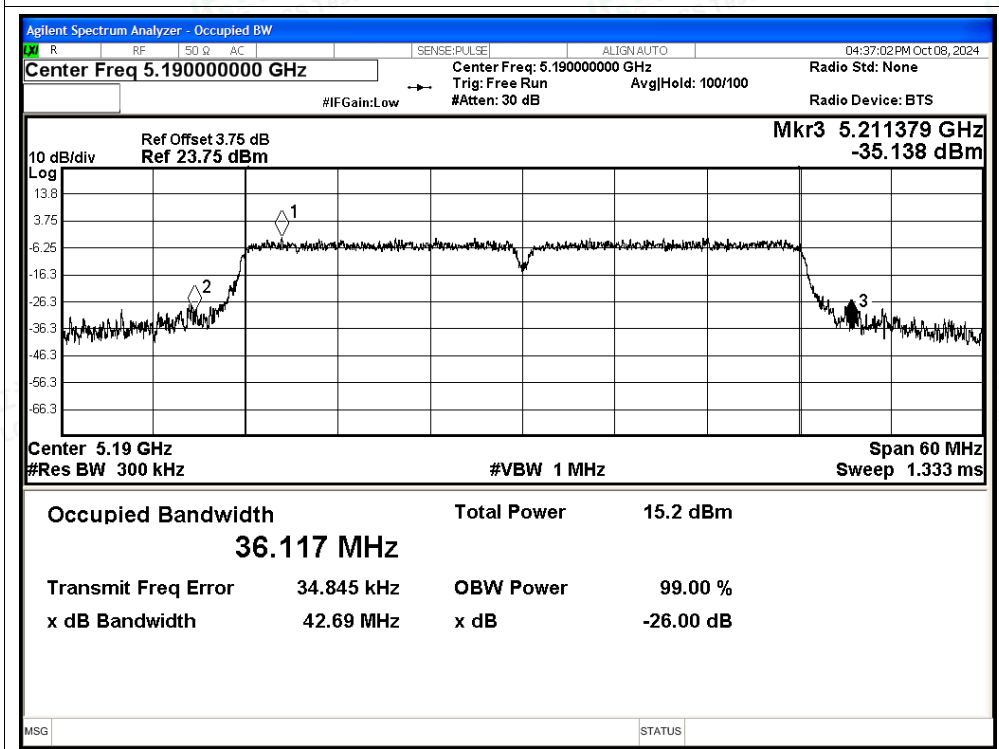


-26dB Bandwidth NVNT ax20 5240MHz Ant1

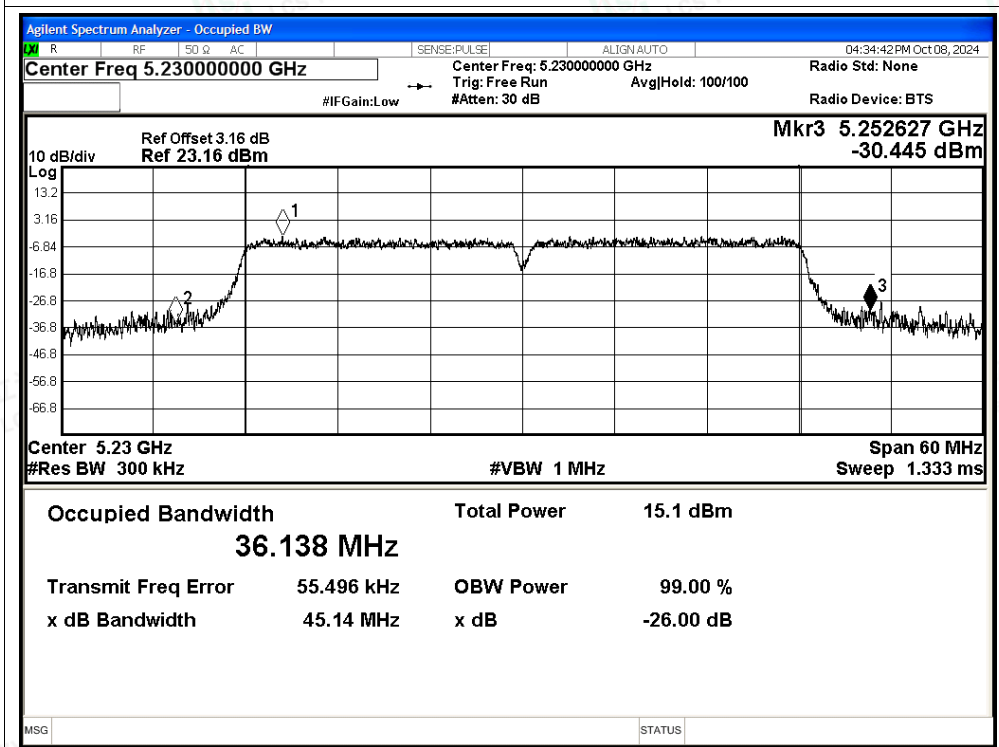




-26dB Bandwidth NVNT ax40 5190MHz Ant1

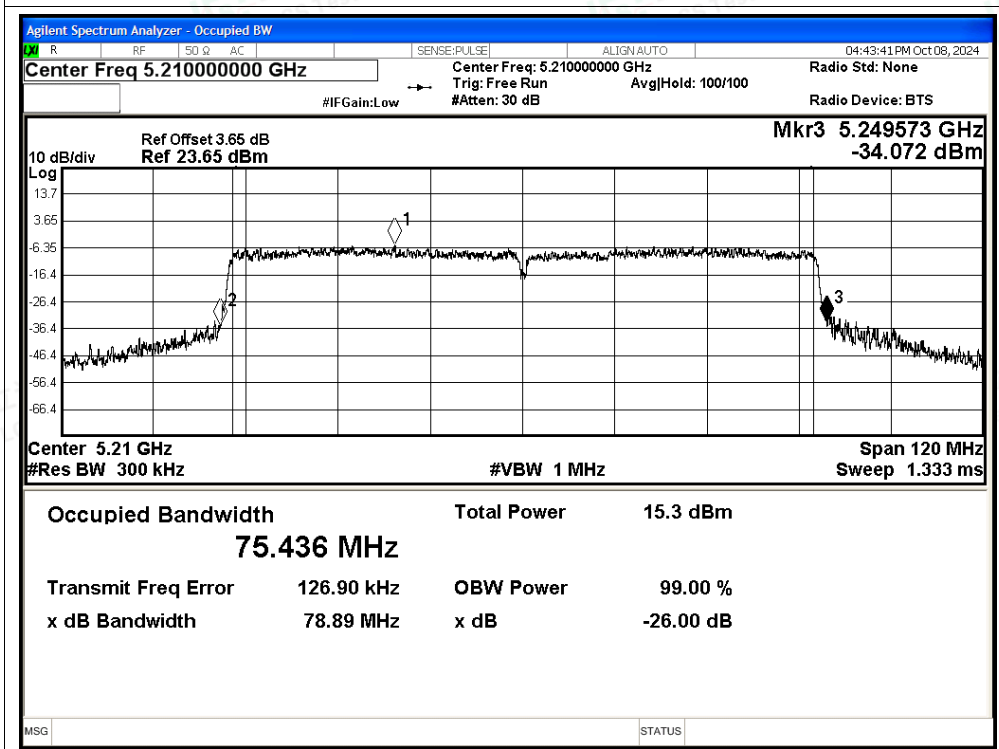


-26dB Bandwidth NVNT ax40 5230MHz Ant1

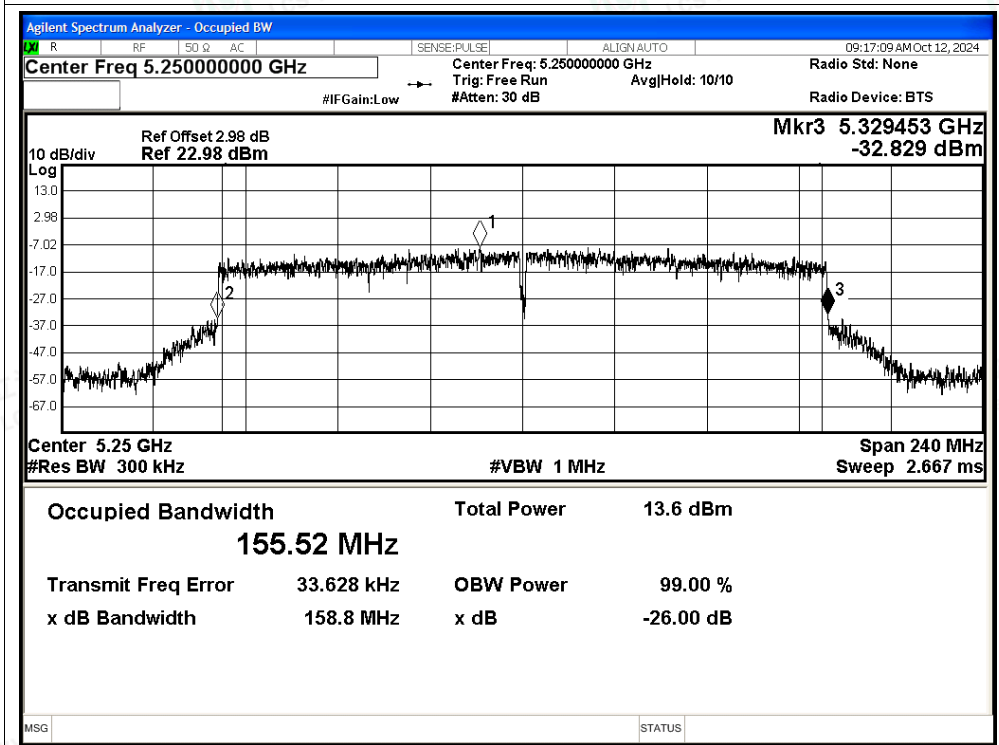




-26dB Bandwidth NVNT ax80 5210MHz Ant1



-26dB Bandwidth NVNT ax160 5250MHz Ant1





Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant2	25.345	---	Pass
NVNT	a	5200	Ant2	25.734	---	Pass
NVNT	a	5240	Ant2	23.151	---	Pass
NVNT	n20	5180	Ant2	23.654	---	Pass
NVNT	n20	5200	Ant2	26.315	---	Pass
NVNT	n20	5240	Ant2	25.58	---	Pass
NVNT	n40	5190	Ant2	39.566	---	Pass
NVNT	n40	5230	Ant2	42.494	---	Pass
NVNT	ac20	5180	Ant2	27.041	---	Pass
NVNT	ac20	5200	Ant2	25.241	---	Pass
NVNT	ac20	5240	Ant2	24.151	---	Pass
NVNT	ac40	5190	Ant2	40.292	---	Pass
NVNT	ac40	5230	Ant2	39.876	---	Pass
NVNT	ac80	5210	Ant2	78.446	---	Pass
NVNT	ac160	5250	Ant2	161.342	---	Pass
NVNT	ax20	5180	Ant2	27.481	---	Pass
NVNT	ax20	5200	Ant2	26.04	---	Pass
NVNT	ax20	5240	Ant2	26.889	---	Pass
NVNT	ax40	5190	Ant2	42.018	---	Pass
NVNT	ax40	5230	Ant2	44.724	---	Pass
NVNT	ax80	5210	Ant2	78.33	---	Pass
NVNT	ax160	5250	Ant2	158.99	---	Pass

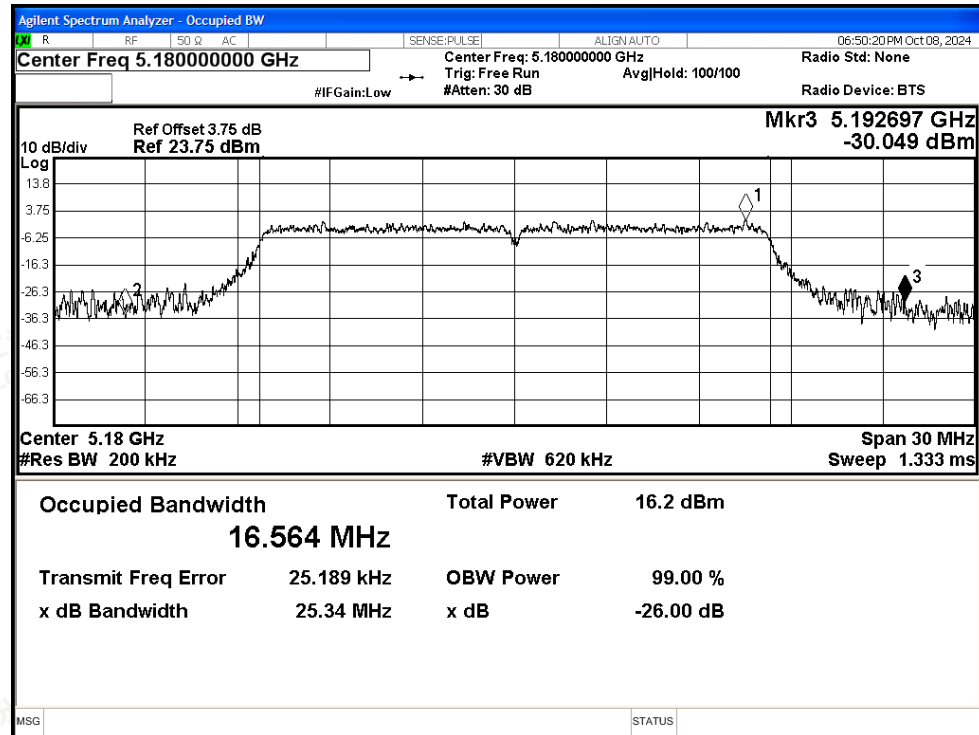


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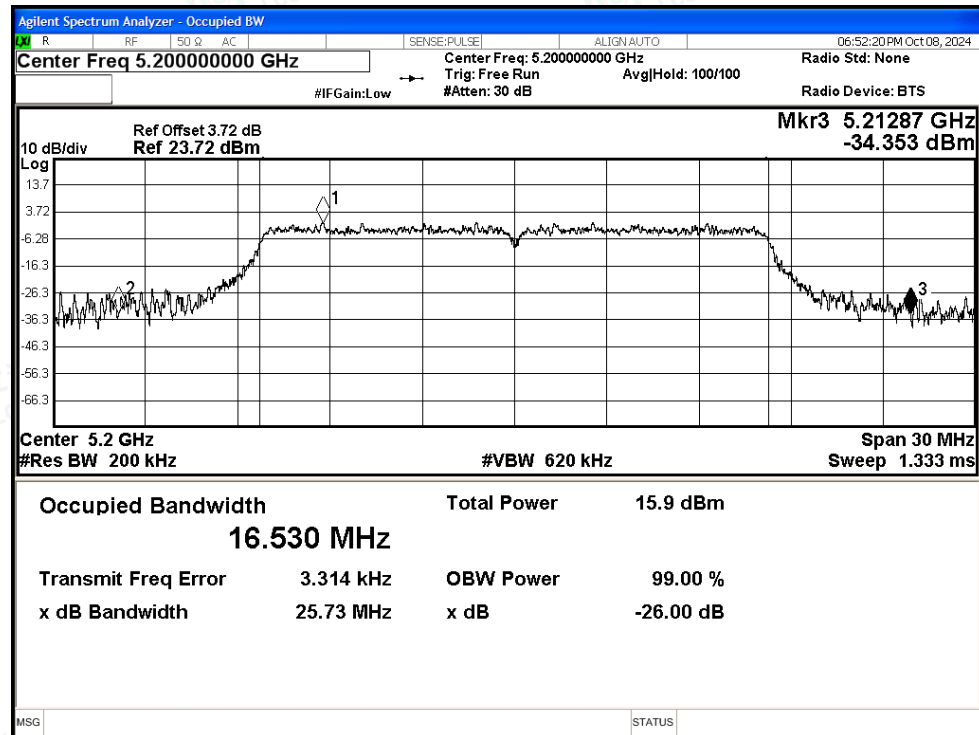


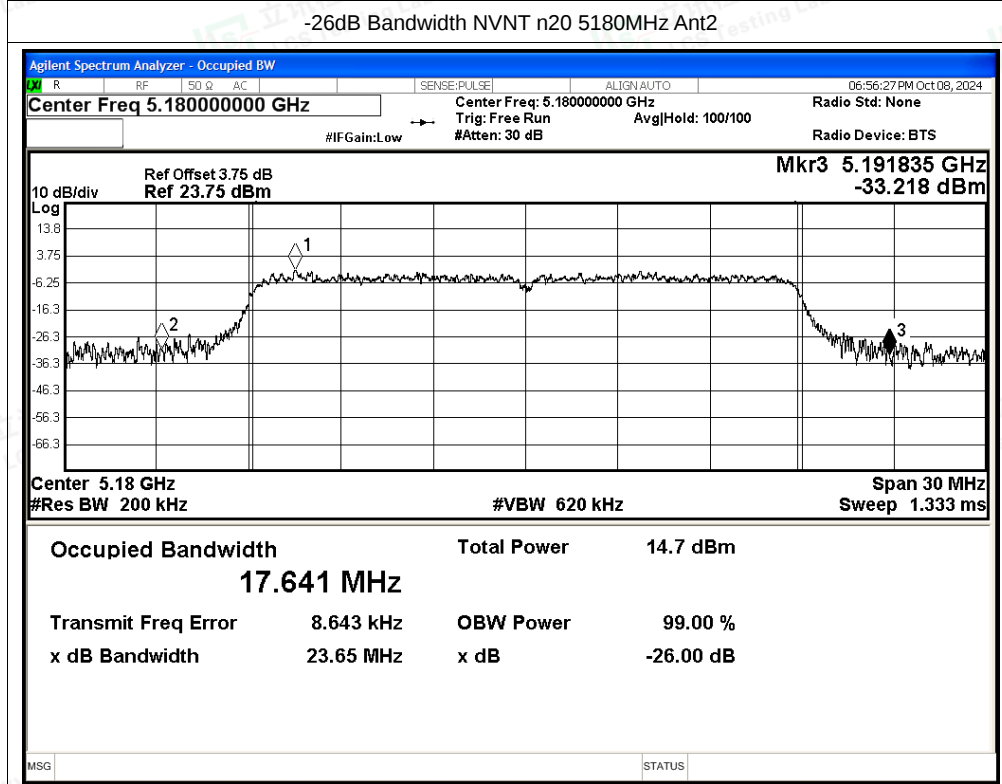
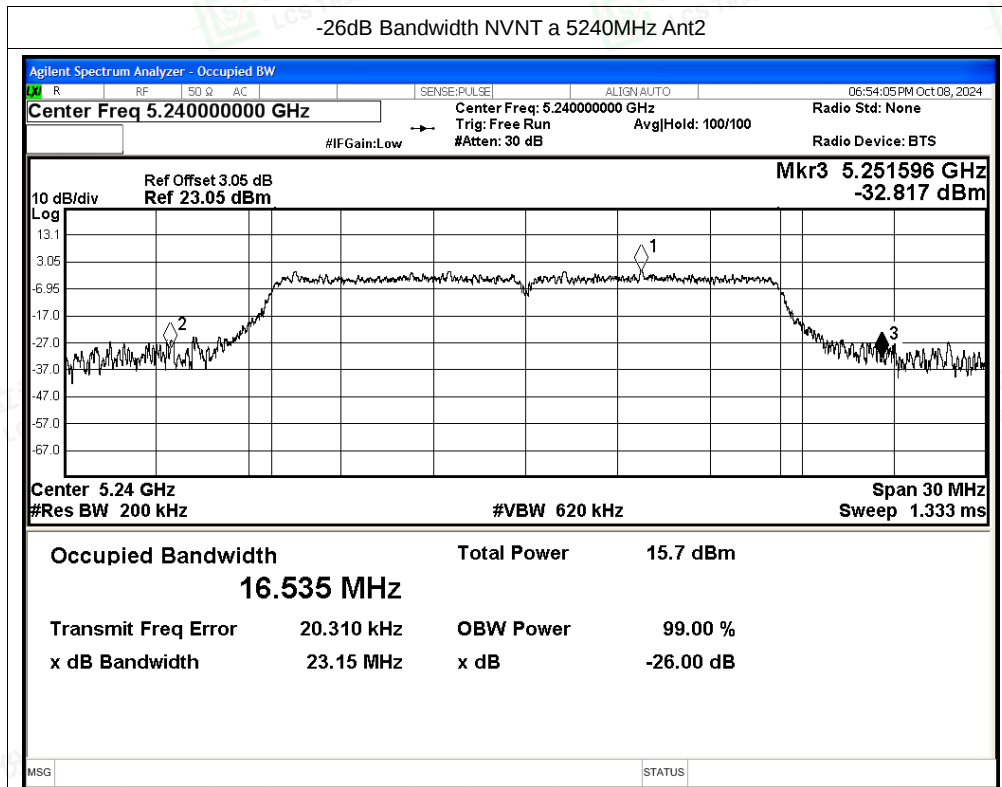
Test Graphs

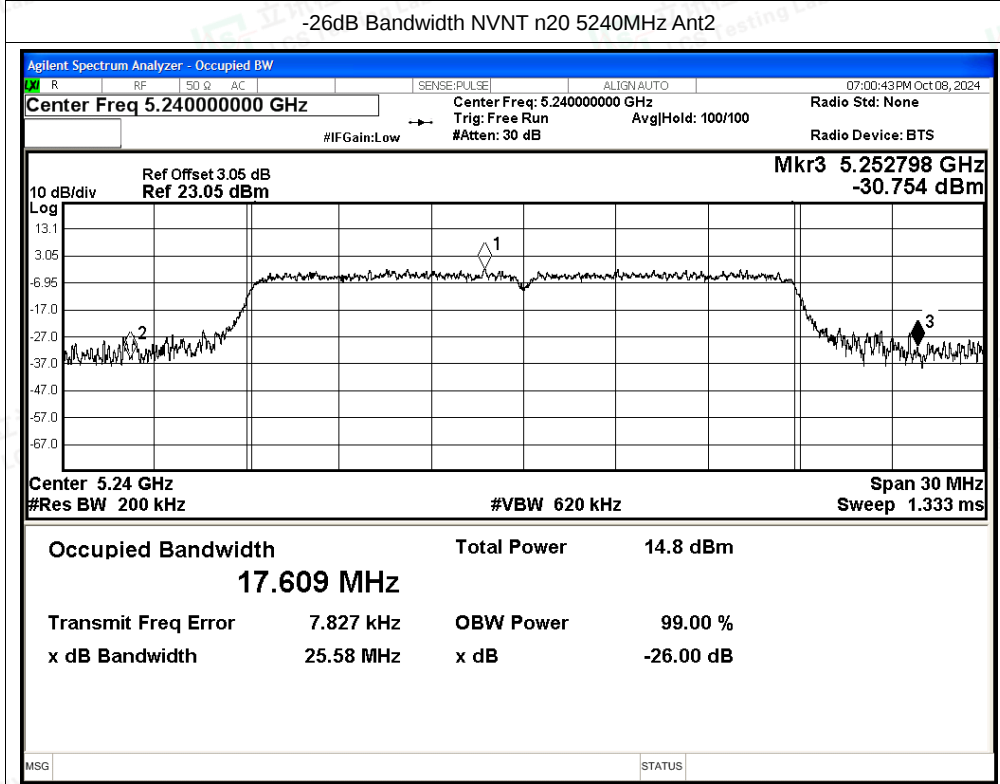
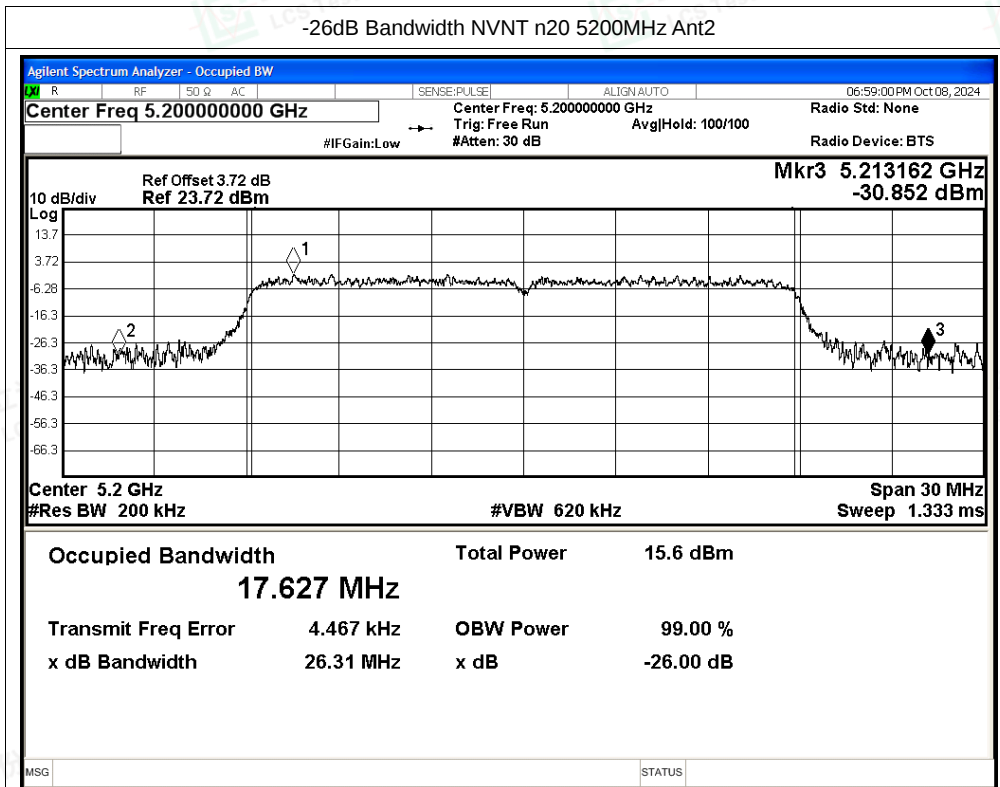
-26dB Bandwidth NVNT a 5180MHz Ant2



-26dB Bandwidth NVNT a 5200MHz Ant2

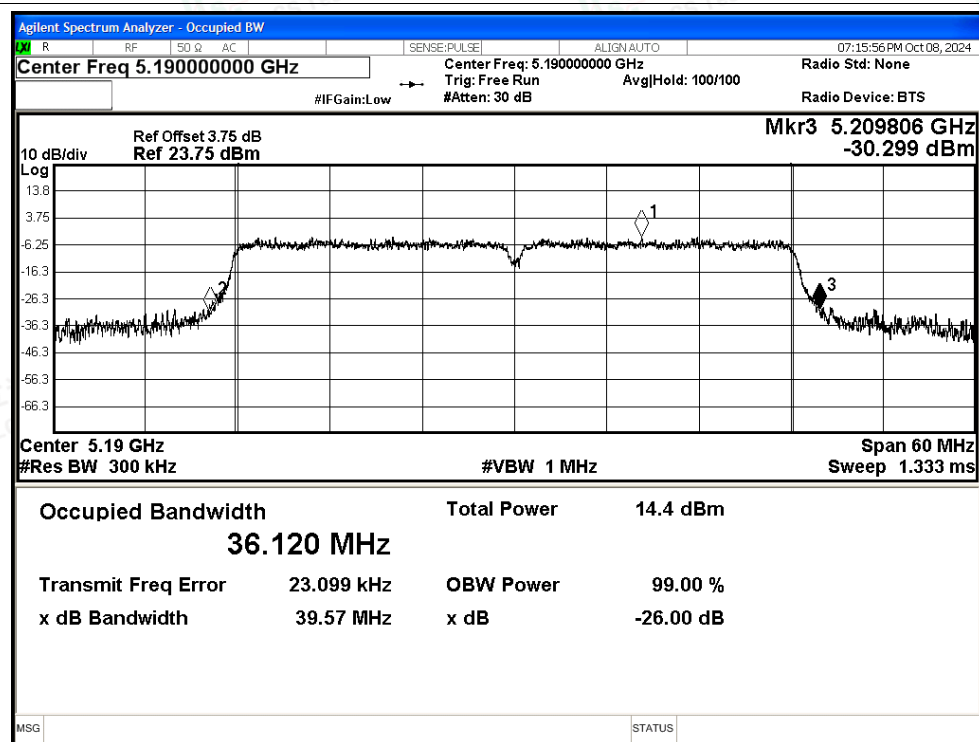




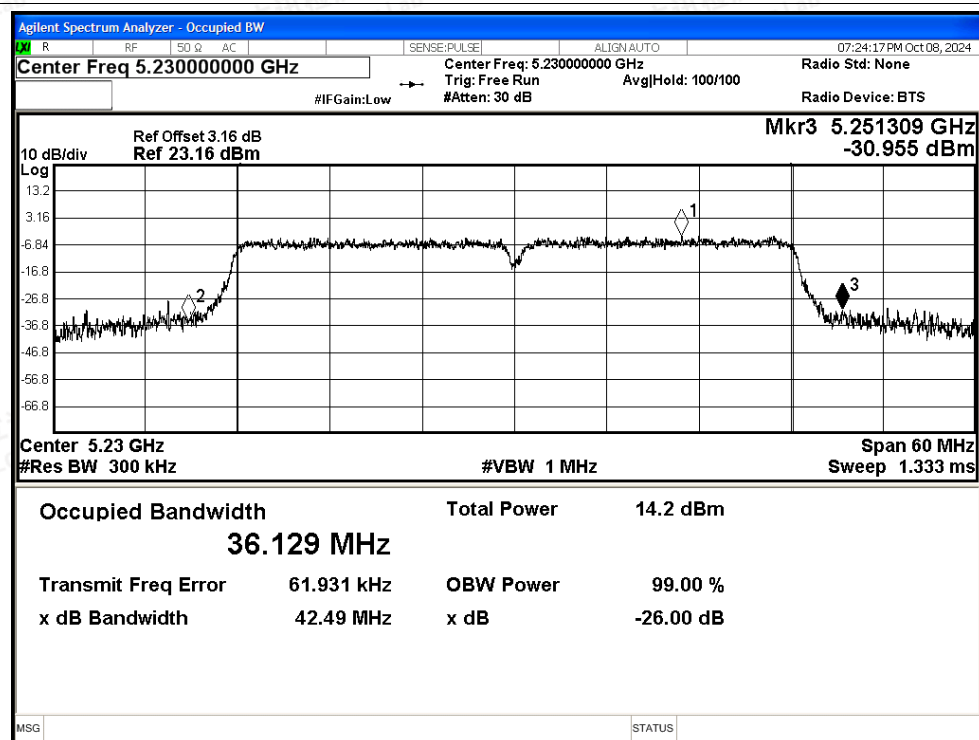




-26dB Bandwidth NVNT n40 5190MHz Ant2

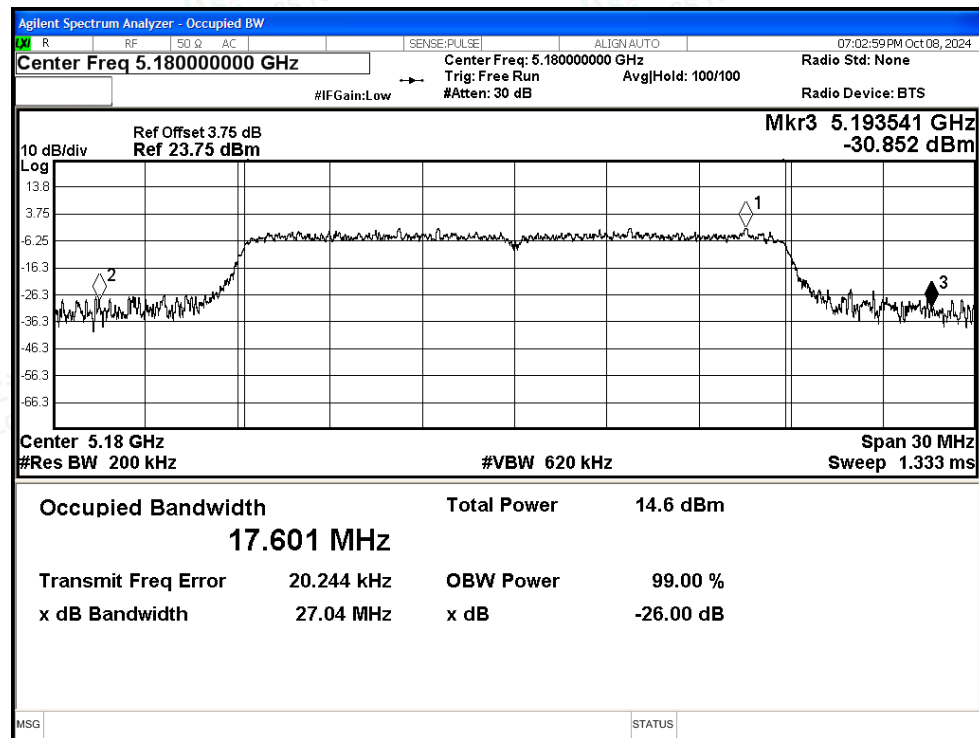


-26dB Bandwidth NVNT n40 5230MHz Ant2

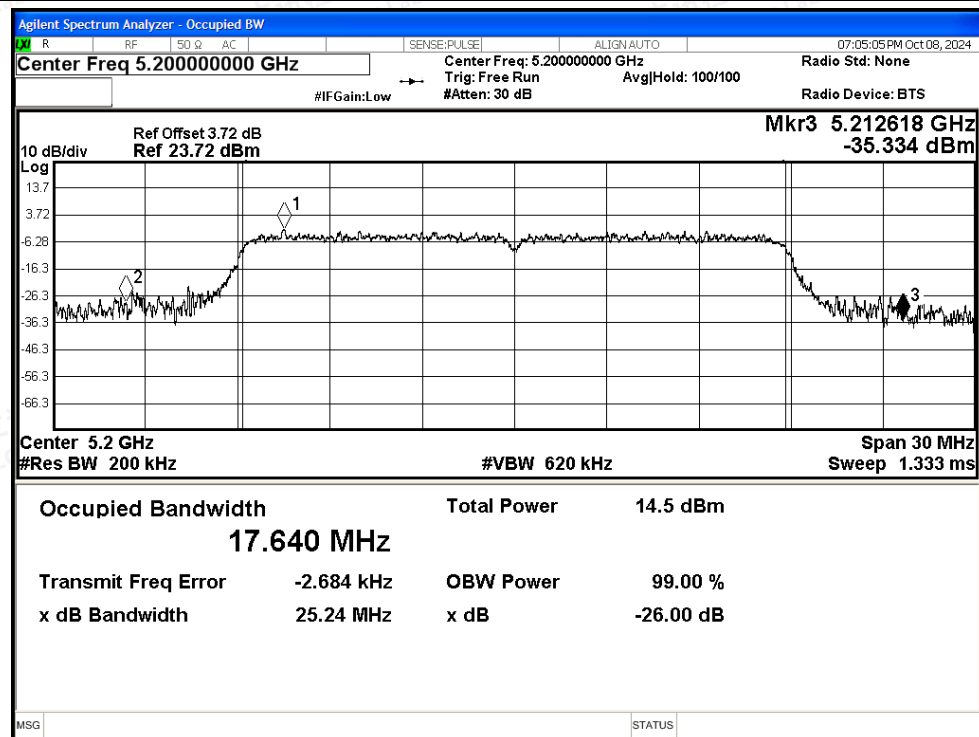




-26dB Bandwidth NVNT ac20 5180MHz Ant2

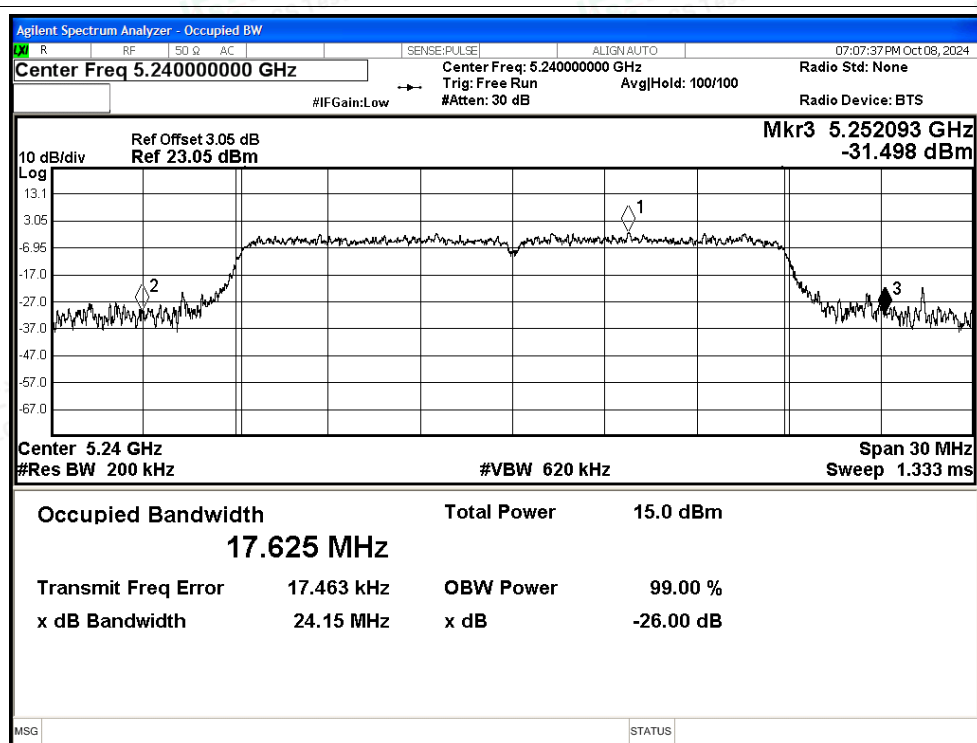


-26dB Bandwidth NVNT ac20 5200MHz Ant2

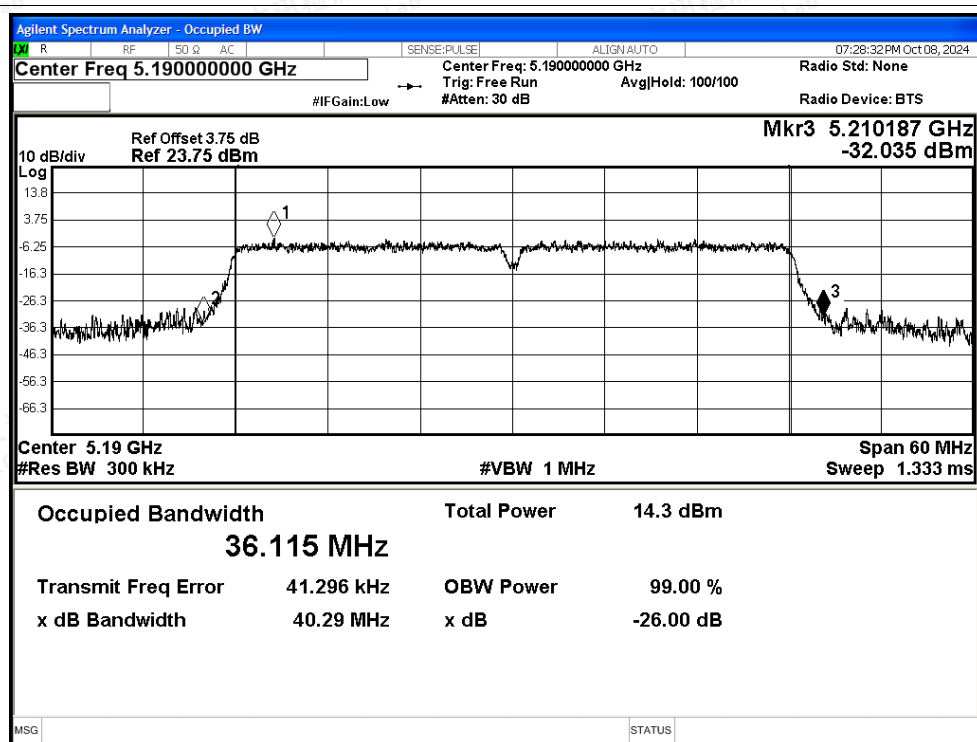




-26dB Bandwidth NVNT ac20 5240MHz Ant2

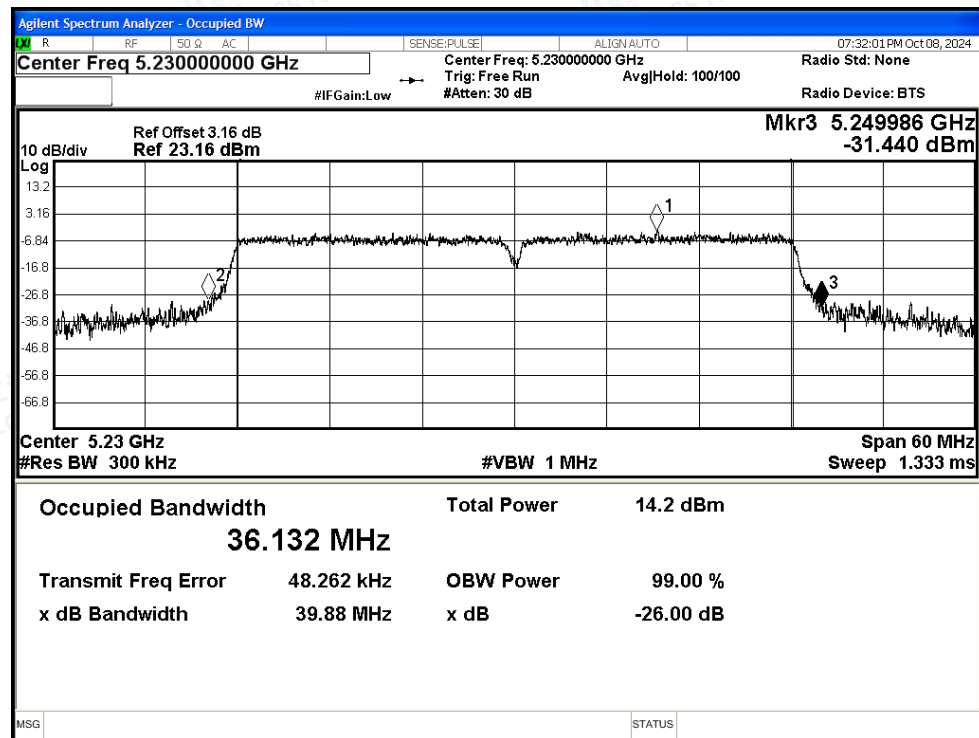


-26dB Bandwidth NVNT ac40 5190MHz Ant2

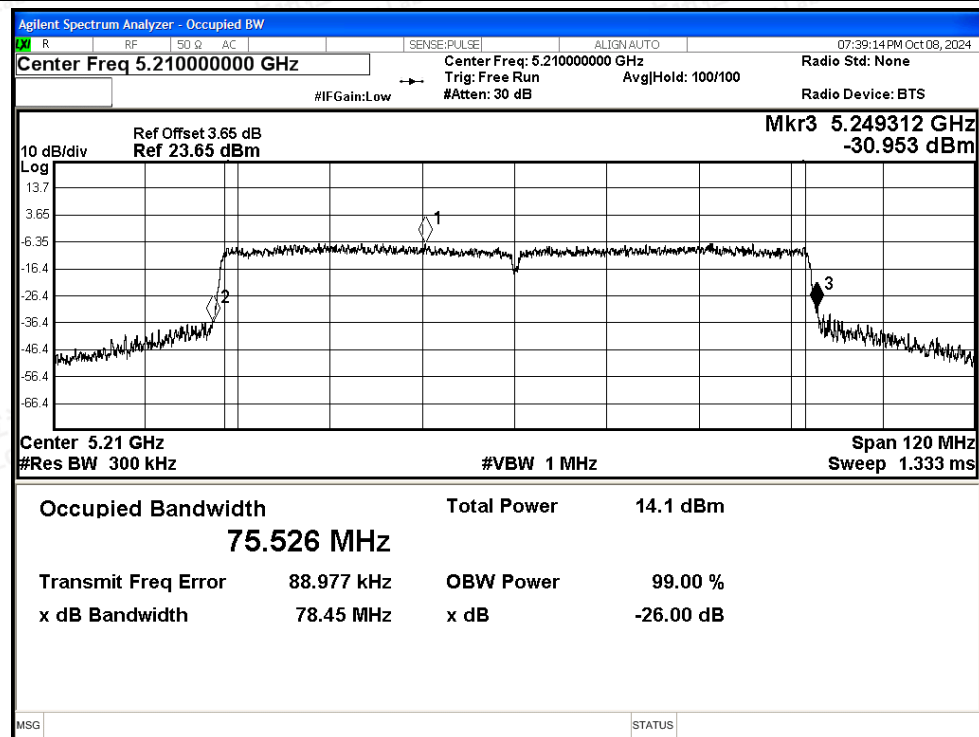




-26dB Bandwidth NVNT ac40 5230MHz Ant2

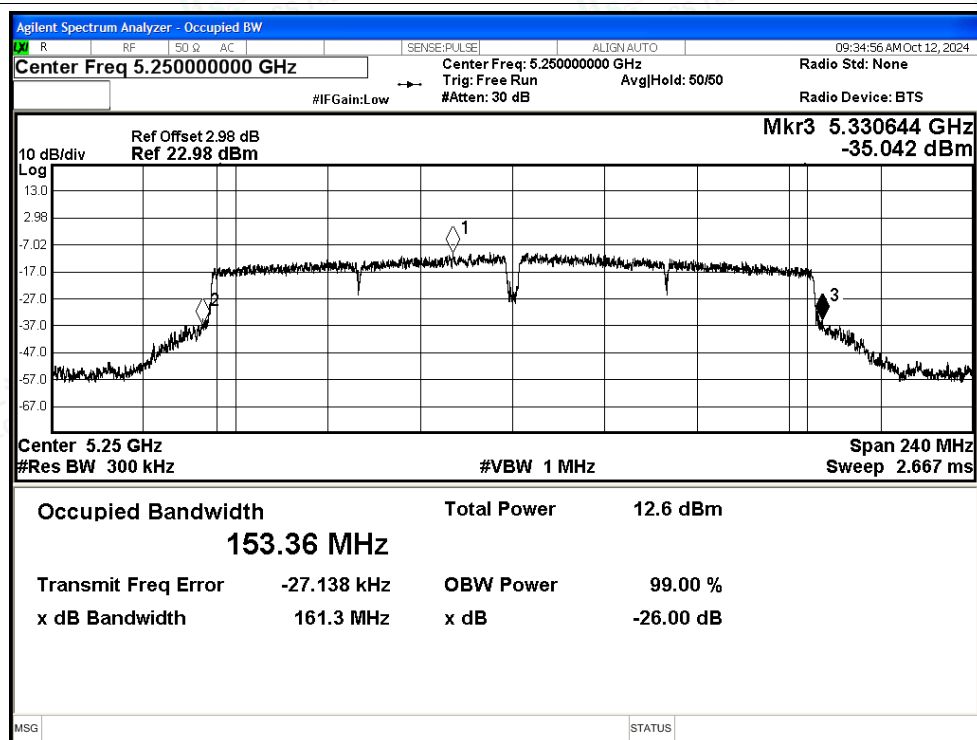


-26dB Bandwidth NVNT ac80 5210MHz Ant2

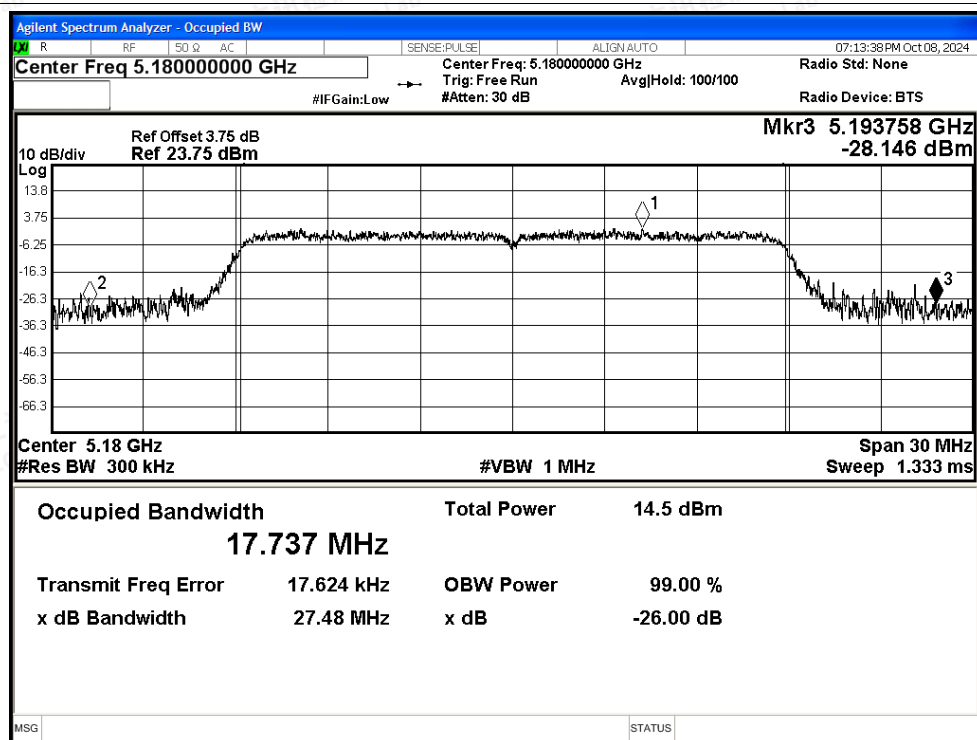




-26dB Bandwidth NVNT ac160 5250MHz Ant2

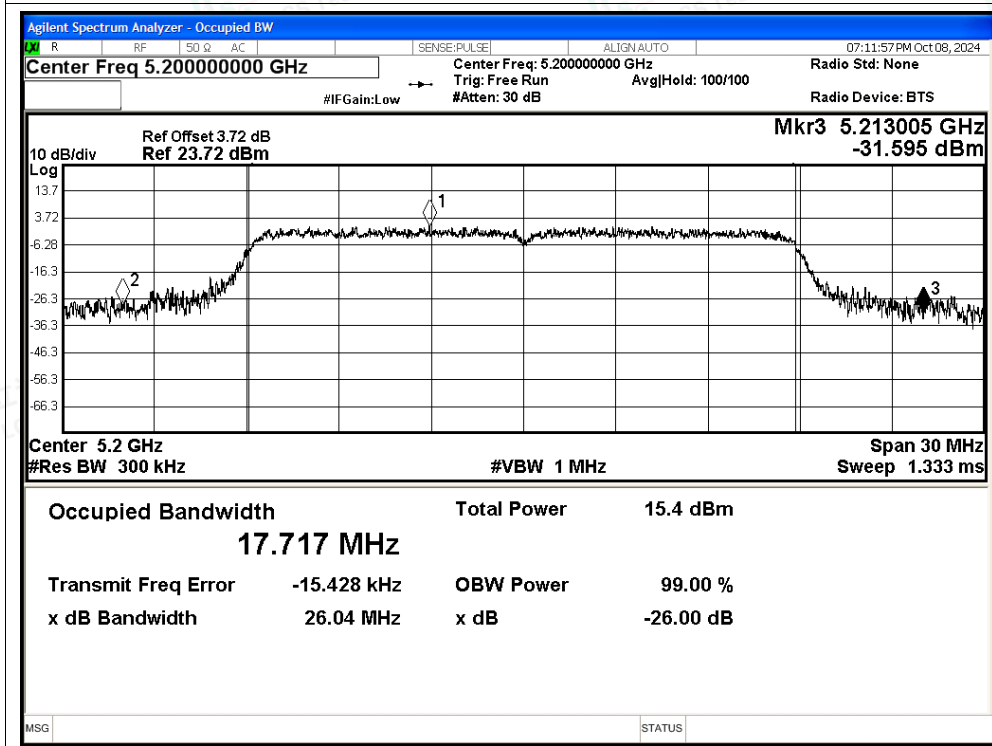


-26dB Bandwidth NVNT ax20 5180MHz Ant2

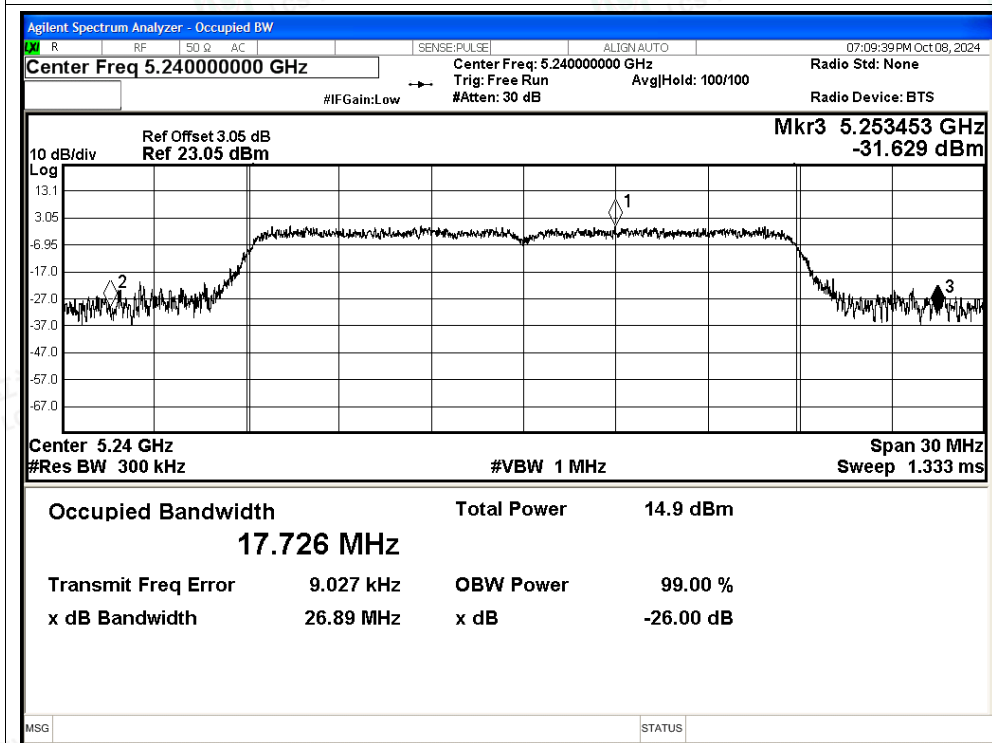




-26dB Bandwidth NVNT ax20 5200MHz Ant2

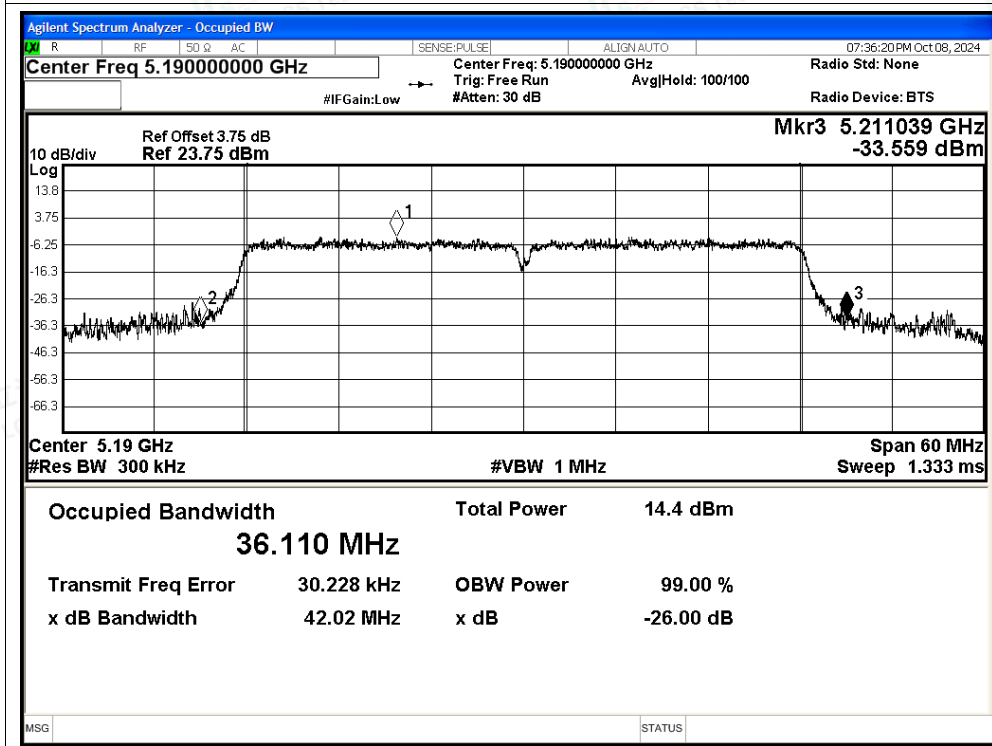


-26dB Bandwidth NVNT ax20 5240MHz Ant2

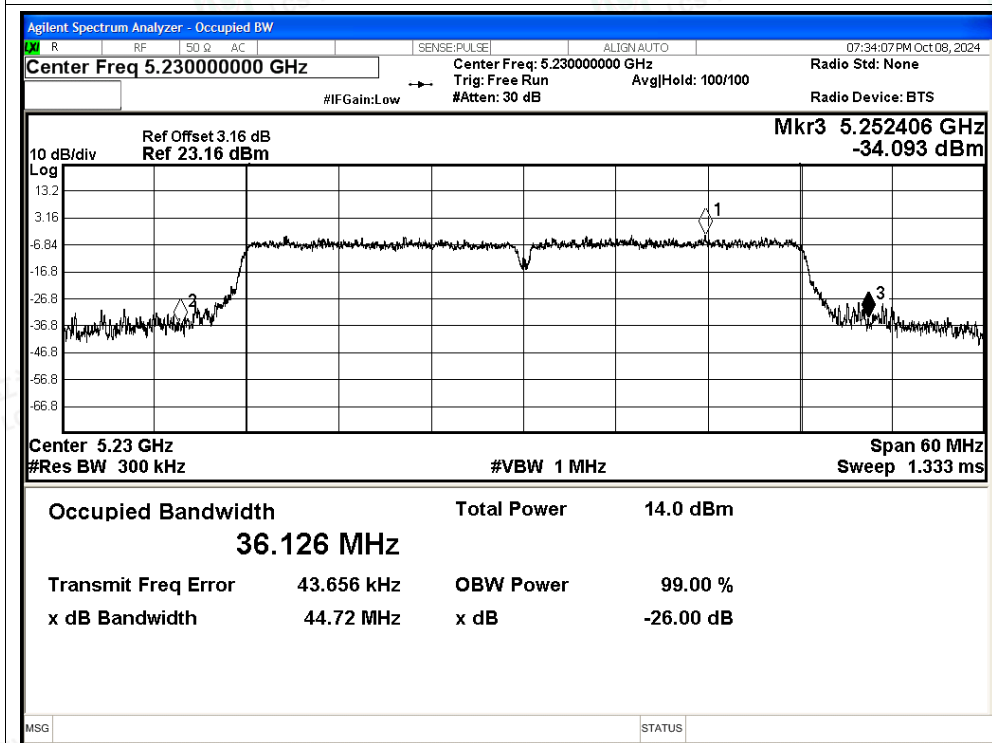




-26dB Bandwidth NVNT ax40 5190MHz Ant2

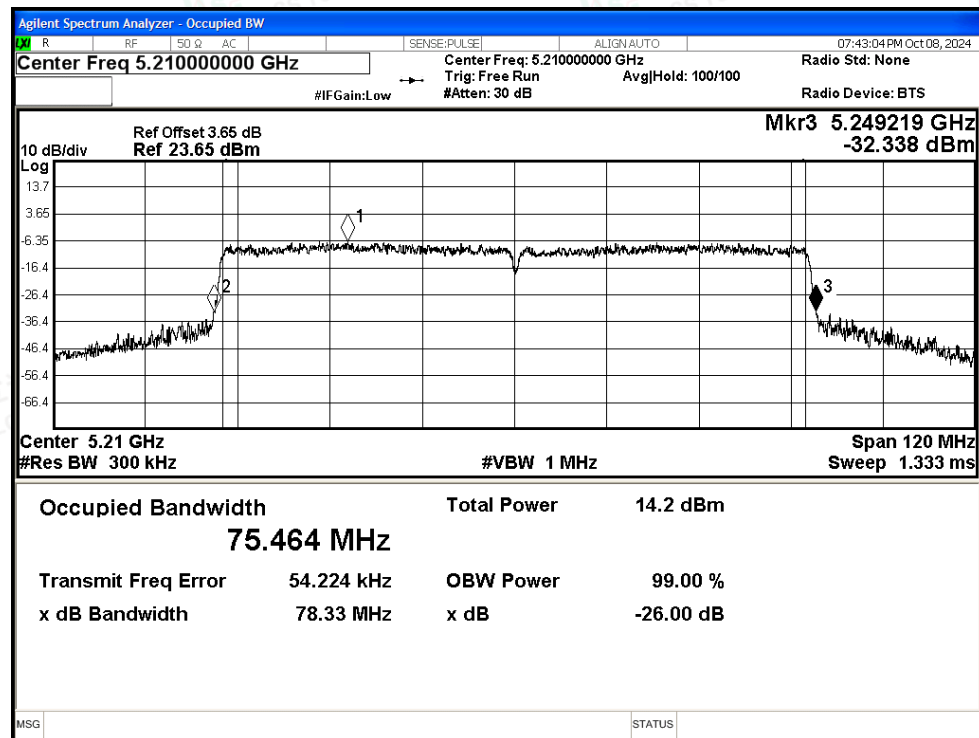


-26dB Bandwidth NVNT ax40 5230MHz Ant2

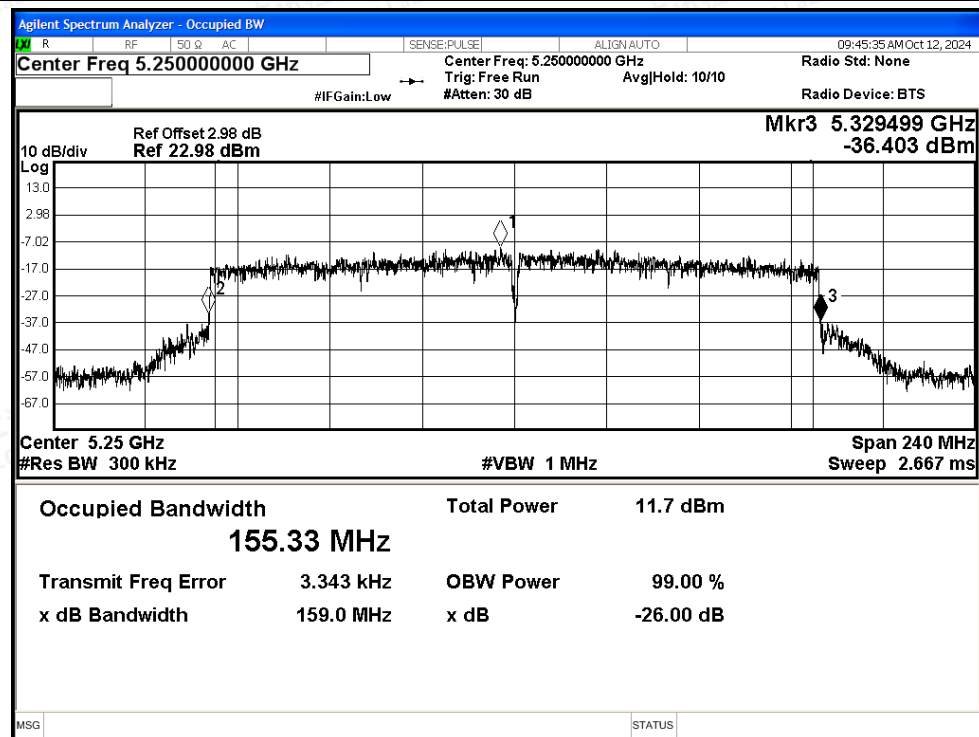




-26dB Bandwidth NVNT ax80 5210MHz Ant2



-26dB Bandwidth NVNT ax160 5250MHz Ant2





B.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	12.41	0.24	12.65	30	Pass
NVNT	a	5200	Ant0	12.25	0.24	12.49	30	Pass
NVNT	a	5240	Ant0	11.94	0.24	12.18	30	Pass
NVNT	n20	5180	Ant0	11.93	0.12	12.05	30	Pass
NVNT	n20	5200	Ant0	11.76	0.12	11.88	30	Pass
NVNT	n20	5240	Ant0	11.26	0.12	11.38	30	Pass
NVNT	n40	5190	Ant0	10.57	0.12	10.69	30	Pass
NVNT	n40	5230	Ant0	10.51	0.12	10.63	30	Pass
NVNT	ac20	5180	Ant0	11.83	0.12	11.95	30	Pass
NVNT	ac20	5200	Ant0	11.81	0.12	11.93	30	Pass
NVNT	ac20	5240	Ant0	11.27	0.12	11.39	30	Pass
NVNT	ac40	5190	Ant0	10.56	0.12	10.68	30	Pass
NVNT	ac40	5230	Ant0	10.32	0.12	10.44	30	Pass
NVNT	ac80	5210	Ant0	9.86	0.25	10.11	30	Pass
NVNT	ac160	5250	Ant0	8.33	0.4	8.73	30	Pass
NVNT	ax20	5180	Ant0	11.87	0.12	11.99	30	Pass
NVNT	ax20	5200	Ant0	11.78	0.12	11.9	30	Pass
NVNT	ax20	5240	Ant0	11.21	0.12	11.33	30	Pass
NVNT	ax40	5190	Ant0	10.57	0.12	10.69	30	Pass
NVNT	ax40	5230	Ant0	10.42	0.12	10.54	30	Pass
NVNT	ax80	5210	Ant0	9.77	0.25	10.02	30	Pass
NVNT	ax160	5250	Ant0	8.56	0.5	9.06	30	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	11.41	0.24	11.65	30	Pass
NVNT	a	5200	Ant1	11.38	0.24	11.62	30	Pass
NVNT	a	5240	Ant1	10.83	0.24	11.07	30	Pass
NVNT	n20	5180	Ant1	10.89	0.12	11.01	30	Pass
NVNT	n20	5200	Ant1	10.76	0.12	10.88	30	Pass
NVNT	n20	5240	Ant1	10.35	0.12	10.47	30	Pass
NVNT	n40	5190	Ant1	9.66	0.12	9.78	30	Pass
NVNT	n40	5230	Ant1	9.39	0.12	9.51	30	Pass
NVNT	ac20	5180	Ant1	10.9	0.12	11.02	30	Pass
NVNT	ac20	5200	Ant1	10.72	0.12	10.84	30	Pass
NVNT	ac20	5240	Ant1	10.23	0.12	10.35	30	Pass
NVNT	ac40	5190	Ant1	9.6	0.12	9.72	30	Pass
NVNT	ac40	5230	Ant1	9.37	0.12	9.49	30	Pass
NVNT	ac80	5210	Ant1	8.87	0.25	9.12	30	Pass
NVNT	ac160	5250	Ant1	7.31	0.41	7.72	30	Pass
NVNT	ax20	5180	Ant1	10.88	0.12	11	30	Pass
NVNT	ax20	5200	Ant1	10.73	0.12	10.85	30	Pass
NVNT	ax20	5240	Ant1	10.31	0.12	10.43	30	Pass
NVNT	ax40	5190	Ant1	9.55	0.12	9.67	30	Pass
NVNT	ax40	5230	Ant1	9.21	0.12	9.33	30	Pass
NVNT	ax80	5210	Ant1	8.85	0.25	9.1	30	Pass
NVNT	ax160	5250	Ant1	7.37	0.5	7.87	30	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	Ant2	10.55	0.24	10.79	30	Pass
NVNT	a	5200	Ant2	10.21	0.24	10.45	30	Pass
NVNT	a	5240	Ant2	9.89	0.24	10.13	30	Pass
NVNT	n20	5180	Ant2	9.16	0.12	9.28	30	Pass
NVNT	n20	5200	Ant2	9.95	0.12	10.07	30	Pass
NVNT	n20	5240	Ant2	9.27	0.12	9.39	30	Pass
NVNT	n40	5190	Ant2	8.71	0.12	8.83	30	Pass
NVNT	n40	5230	Ant2	8.4	0.12	8.52	30	Pass
NVNT	ac20	5180	Ant2	8.99	0.12	9.11	30	Pass
NVNT	ac20	5200	Ant2	8.95	0.12	9.07	30	Pass
NVNT	ac20	5240	Ant2	9.4	0.12	9.52	30	Pass
NVNT	ac40	5190	Ant2	8.64	0.12	8.76	30	Pass
NVNT	ac40	5230	Ant2	8.36	0.12	8.48	30	Pass
NVNT	ac80	5210	Ant2	7.94	0.25	8.19	30	Pass
NVNT	ac160	5250	Ant2	6.52	0.4	6.92	30	Pass
NVNT	ax20	5180	Ant2	9.09	0.12	9.21	30	Pass
NVNT	ax20	5200	Ant2	9.91	0.12	10.03	30	Pass
NVNT	ax20	5240	Ant2	9.24	0.12	9.36	30	Pass
NVNT	ax40	5190	Ant2	8.65	0.12	8.77	30	Pass
NVNT	ax40	5230	Ant2	8.16	0.12	8.28	30	Pass
NVNT	ax80	5210	Ant2	8.12	0.25	8.37	30	Pass
NVNT	ax160	5250	Ant2	6.76	0.5	7.26	30	Pass



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Condition	Mode	Frequency (MHz)	Total Power (dBm)				Limit (dBm)	Verdict
			Ant0	Ant1	Ant2	Ant0+Ant1+ Ant2		
NVNT	n20	5180	12.05	11.01	9.28	15.70	30	Pass
NVNT	n20	5200	11.88	10.88	10.07	15.78	30	Pass
NVNT	n20	5240	11.38	10.47	9.39	15.26	30	Pass
NVNT	n40	5190	10.69	9.78	8.83	14.60	30	Pass
NVNT	n40	5230	10.63	9.51	8.52	14.41	30	Pass
NVNT	ac20	5180	11.95	11.02	9.11	15.62	30	Pass
NVNT	ac20	5200	11.93	10.84	9.07	15.54	30	Pass
NVNT	ac20	5240	11.39	10.35	9.52	15.26	30	Pass
NVNT	ac40	5190	10.68	9.72	8.76	14.56	30	Pass
NVNT	ac40	5230	10.44	9.49	8.48	14.31	30	Pass
NVNT	ac80	5210	10.11	9.12	8.19	13.98	30	Pass
NVNT	ac160	5250	8.73	7.72	6.92	12.62	30	Pass
NVNT	ax20	5180	11.99	11	9.21	15.65	30	Pass
NVNT	ax20	5200	11.9	10.85	10.03	15.77	30	Pass
NVNT	ax20	5240	11.33	10.43	9.36	15.22	30	Pass
NVNT	ax40	5190	10.69	9.67	8.77	14.55	30	Pass
NVNT	ax40	5230	10.54	9.33	8.28	14.25	30	Pass
NVNT	ax80	5210	10.02	9.1	8.37	13.99	30	Pass
NVNT	ax160	5250	9.06	7.87	7.26	12.90	30	Pass



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B.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	1.89	0.24	2.13	17	Pass
NVNT	a	5200	Ant0	1.72	0.24	1.96	17	Pass
NVNT	a	5240	Ant0	0.2	0.24	0.44	17	Pass
NVNT	n20	5180	Ant0	1.11	0.12	1.23	17	Pass
NVNT	n20	5200	Ant0	1.08	0.12	1.2	17	Pass
NVNT	n20	5240	Ant0	0.36	0.12	0.48	17	Pass
NVNT	n40	5190	Ant0	-3.49	0.12	-3.37	17	Pass
NVNT	n40	5230	Ant0	-3.06	0.12	-2.94	17	Pass
NVNT	ac20	5180	Ant0	1.15	0.12	1.27	17	Pass
NVNT	ac20	5200	Ant0	0.95	0.12	1.07	17	Pass
NVNT	ac20	5240	Ant0	0.37	0.12	0.49	17	Pass
NVNT	ac40	5190	Ant0	-3.17	0.12	-3.05	17	Pass
NVNT	ac40	5230	Ant0	-3.28	0.12	-3.16	17	Pass
NVNT	ac80	5210	Ant0	-6.68	0.25	-6.43	17	Pass
NVNT	ac160	5250	Ant0	-10.51	0.4	-10.11	17	Pass
NVNT	ax20	5180	Ant0	0.85	0.4	1.25	17	Pass
NVNT	ax20	5200	Ant0	1.12	0.12	1.24	17	Pass
NVNT	ax20	5240	Ant0	0.55	0.12	0.67	17	Pass
NVNT	ax40	5190	Ant0	-3.5	0.12	-3.38	17	Pass
NVNT	ax40	5230	Ant0	-3.17	0.12	-3.05	17	Pass
NVNT	ax80	5210	Ant0	-6.66	0.12	-6.54	17	Pass
NVNT	ax160	5250	Ant0	-10.07	0.5	-9.57	17	Pass



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Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD(dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	Ant1	0.71	0.24	0.95	17	Pass
NVNT	a	5200	Ant1	1.12	0.24	1.36	17	Pass
NVNT	a	5240	Ant1	0.53	0.24	0.77	17	Pass
NVNT	n20	5180	Ant1	0.28	0.12	0.4	17	Pass
NVNT	n20	5200	Ant1	-0.15	0.12	-0.03	17	Pass
NVNT	n20	5240	Ant1	-1.35	0.12	-1.23	17	Pass
NVNT	n40	5190	Ant1	-4.1	0.12	-3.98	17	Pass
NVNT	n40	5230	Ant1	-4.28	0.12	-4.16	17	Pass
NVNT	ac20	5180	Ant1	0.11	0.12	0.23	17	Pass
NVNT	ac20	5200	Ant1	-0.07	0.12	0.05	17	Pass
NVNT	ac20	5240	Ant1	-0.49	0.12	-0.37	17	Pass
NVNT	ac40	5190	Ant1	-4.22	0.12	-4.1	17	Pass
NVNT	ac40	5230	Ant1	-4.3	0.12	-4.18	17	Pass
NVNT	ac80	5210	Ant1	-7.38	0.25	-7.13	17	Pass
NVNT	ac160	5250	Ant1	-11.64	0.41	-11.23	17	Pass
NVNT	ax20	5180	Ant1	0.26	0.12	0.38	17	Pass
NVNT	ax20	5200	Ant1	-0.08	0.12	0.04	17	Pass
NVNT	ax20	5240	Ant1	-0.28	0.12	-0.16	17	Pass
NVNT	ax40	5190	Ant1	-3.94	0.12	-3.82	17	Pass
NVNT	ax40	5230	Ant1	-4.24	0.12	-4.12	17	Pass
NVNT	ax80	5210	Ant1	-7.68	0.25	-7.43	17	Pass
NVNT	ax160	5250	Ant1	-10.66	0.5	-10.16	17	Pass



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Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD(dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	Ant2	-0.1	0.24	0.14	17	Pass
NVNT	a	5200	Ant2	-0.49	0.24	-0.25	17	Pass
NVNT	a	5240	Ant2	-0.55	0.24	-0.31	17	Pass
NVNT	n20	5180	Ant2	-1.68	0.12	-1.56	17	Pass
NVNT	n20	5200	Ant2	-0.78	0.12	-0.66	17	Pass
NVNT	n20	5240	Ant2	-1.57	0.12	-1.45	17	Pass
NVNT	n40	5190	Ant2	-5.2	0.12	-5.08	17	Pass
NVNT	n40	5230	Ant2	-5.14	0.12	-5.02	17	Pass
NVNT	ac20	5180	Ant2	-1.83	0.12	-1.71	17	Pass
NVNT	ac20	5200	Ant2	-1.7	0.12	-1.58	17	Pass
NVNT	ac20	5240	Ant2	-1.54	0.12	-1.42	17	Pass
NVNT	ac40	5190	Ant2	-5.29	0.12	-5.17	17	Pass
NVNT	ac40	5230	Ant2	-5.2	0.12	-5.08	17	Pass
NVNT	ac80	5210	Ant2	-8.7	0.25	-8.45	17	Pass
NVNT	ac160	5250	Ant2	-12.09	0.4	-11.69	17	Pass
NVNT	ax20	5180	Ant2	-1.62	0.12	-1.5	17	Pass
NVNT	ax20	5200	Ant2	-0.69	0.12	-0.57	17	Pass
NVNT	ax20	5240	Ant2	-1.38	0.12	-1.26	17	Pass
NVNT	ax40	5190	Ant2	-5.24	0.12	-5.12	17	Pass
NVNT	ax40	5230	Ant2	-5.59	0.12	-5.47	17	Pass
NVNT	ax80	5210	Ant2	-7.65	0.25	-7.4	17	Pass
NVNT	ax160	5250	Ant2	-12.05	0.5	-11.55	17	Pass



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Condition	Mode	Frequency (MHz)	Total PSD (dBm/MHz)				Limit (dBm)	Verdict
			Ant0	Ant1	Ant2	Ant0+Ant1+ Ant2		
NVNT	n20	5180	1.23	0.4	-1.56	4.94	15.14	Pass
NVNT	n20	5200	1.2	-0.03	-0.66	5.01	15.14	Pass
NVNT	n20	5240	0.48	-1.23	-1.45	4.13	15.14	Pass
NVNT	n40	5190	-3.37	-3.98	-5.08	0.68	15.14	Pass
NVNT	n40	5230	-2.94	-4.16	-5.02	0.82	15.14	Pass
NVNT	ac20	5180	1.27	0.23	-1.71	4.87	15.14	Pass
NVNT	ac20	5200	1.07	0.05	-1.58	4.75	15.14	Pass
NVNT	ac20	5240	0.49	-0.37	-1.42	4.41	15.14	Pass
NVNT	ac40	5190	-3.05	-4.1	-5.17	0.75	15.14	Pass
NVNT	ac40	5230	-3.16	-4.18	-5.08	0.70	15.14	Pass
NVNT	ac80	5210	-6.43	-7.13	-8.45	-2.49	15.14	Pass
NVNT	ac160	5250	-10.11	-11.23	-11.69	-6.19	15.14	Pass
NVNT	ax20	5180	1.25	0.38	-1.5	4.96	15.14	Pass
NVNT	ax20	5200	1.24	0.04	-0.57	5.07	15.14	Pass
NVNT	ax20	5240	0.67	-0.16	-1.26	4.59	15.14	Pass
NVNT	ax40	5190	-3.38	-3.82	-5.12	0.73	15.14	Pass
NVNT	ax40	5230	-3.05	-4.12	-5.47	0.67	15.14	Pass
NVNT	ax80	5210	-6.54	-7.43	-7.4	-2.33	15.14	Pass
NVNT	ax160	5250	-9.57	-10.16	-11.55	-5.58	15.14	Pass

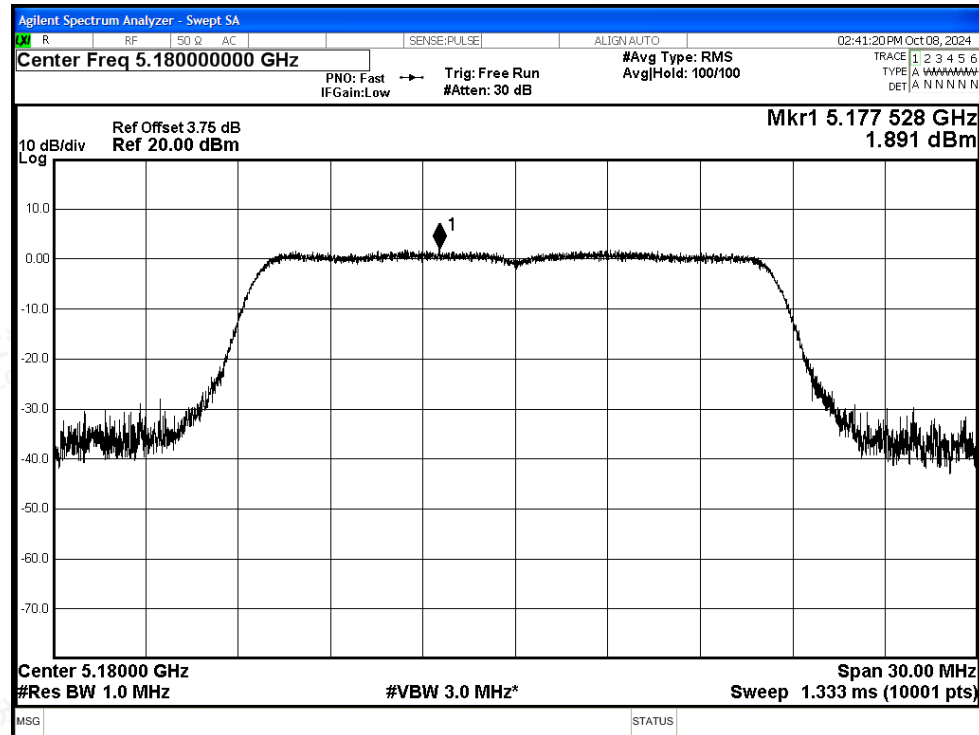


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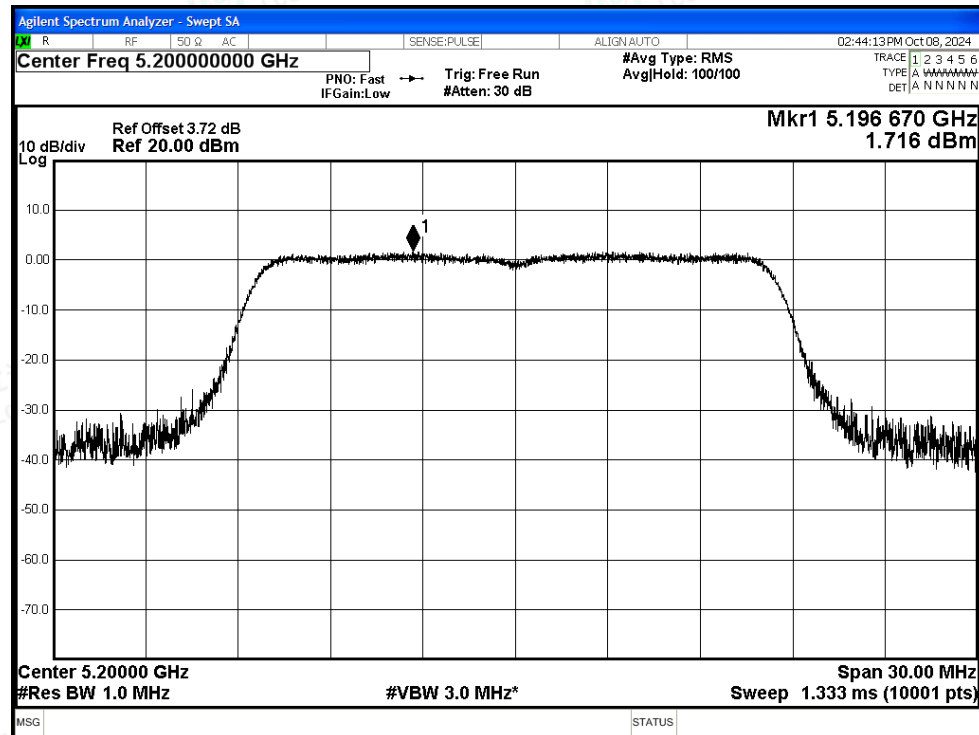


Test Graphs

PSD NVNT a 5180MHz Ant0



PSD NVNT a 5200MHz Ant0

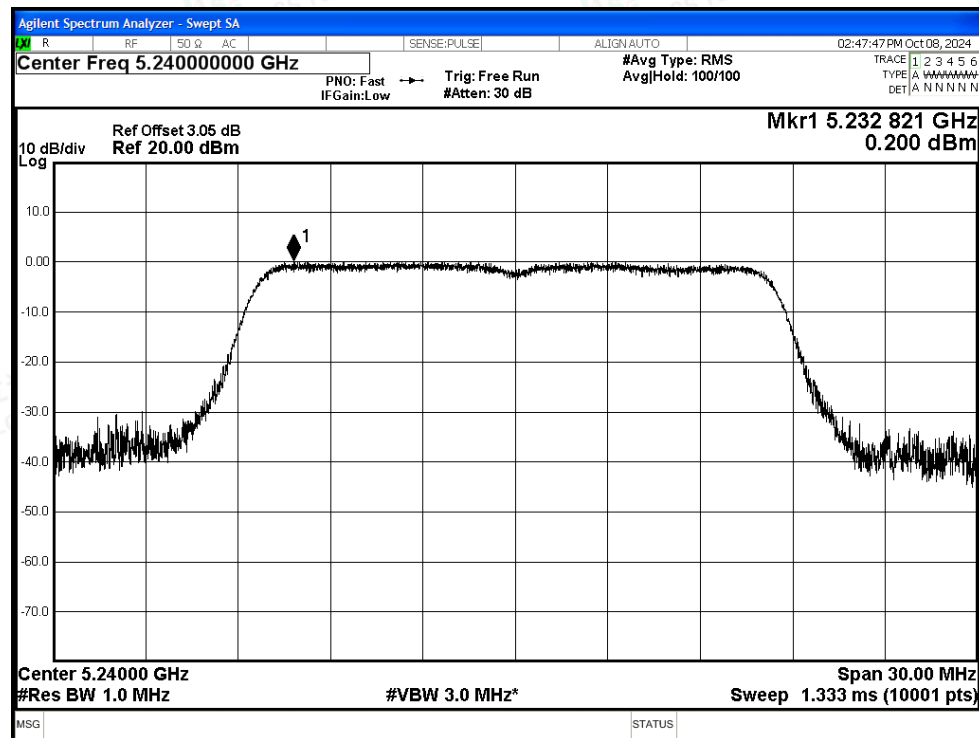




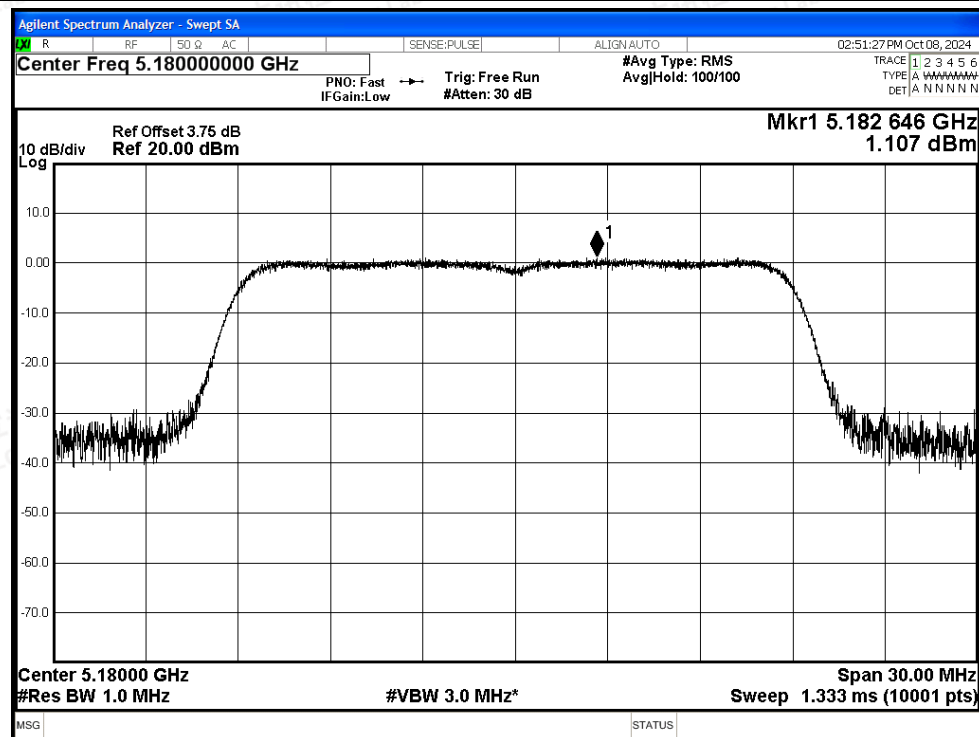
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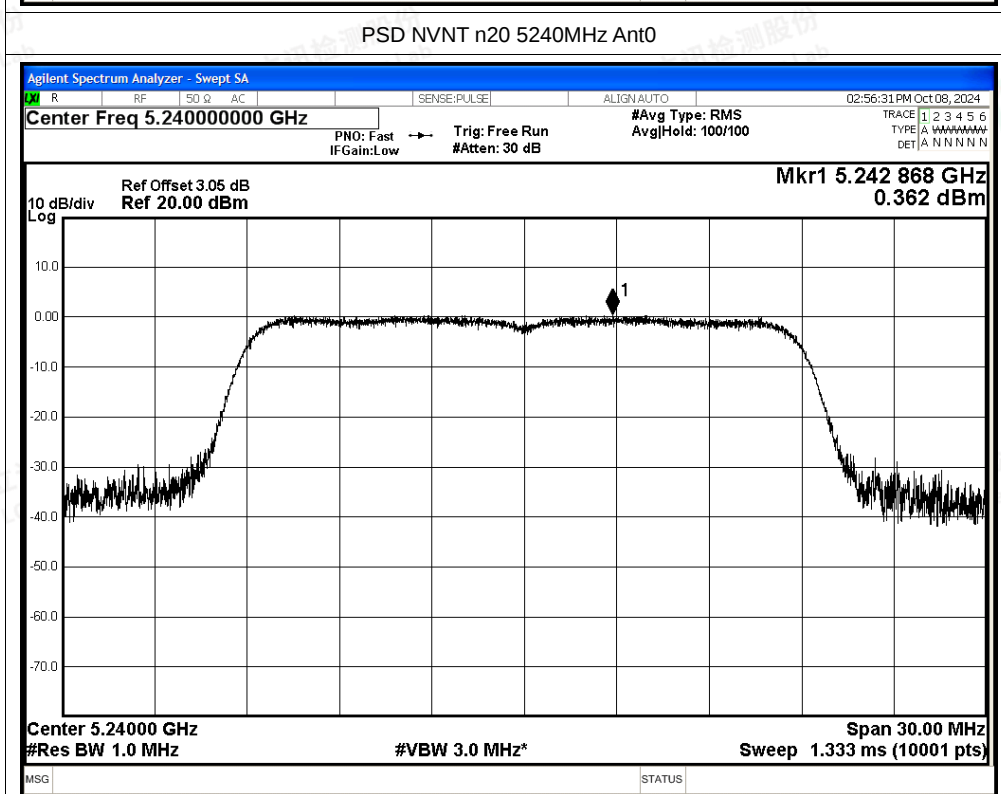
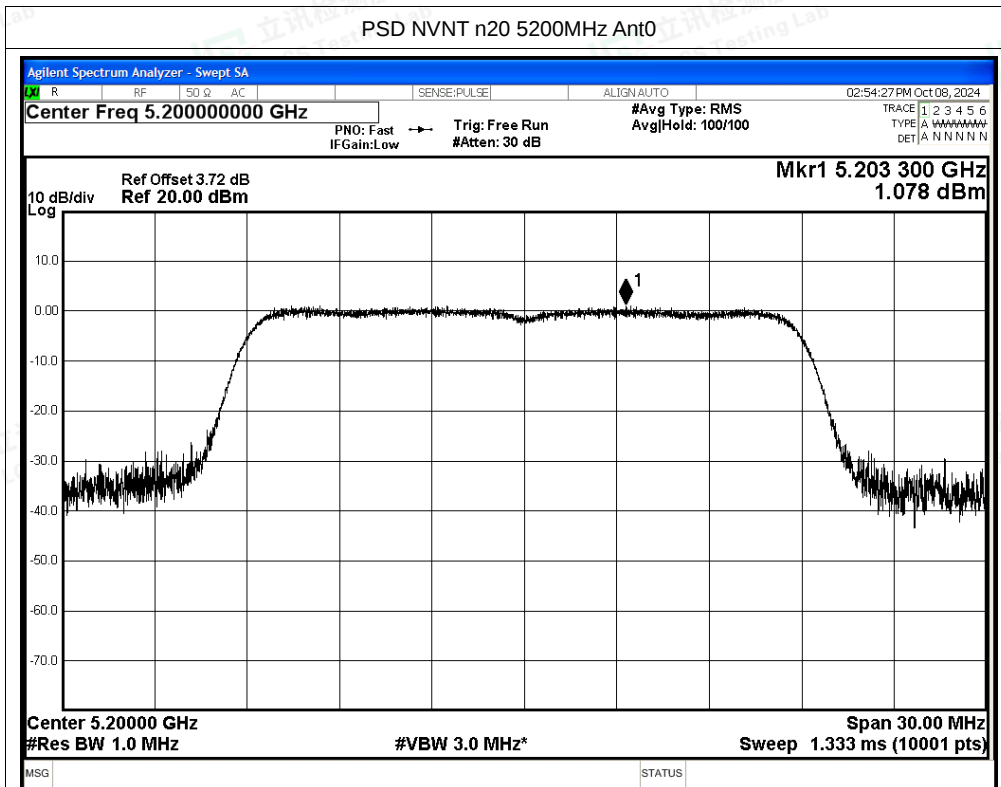


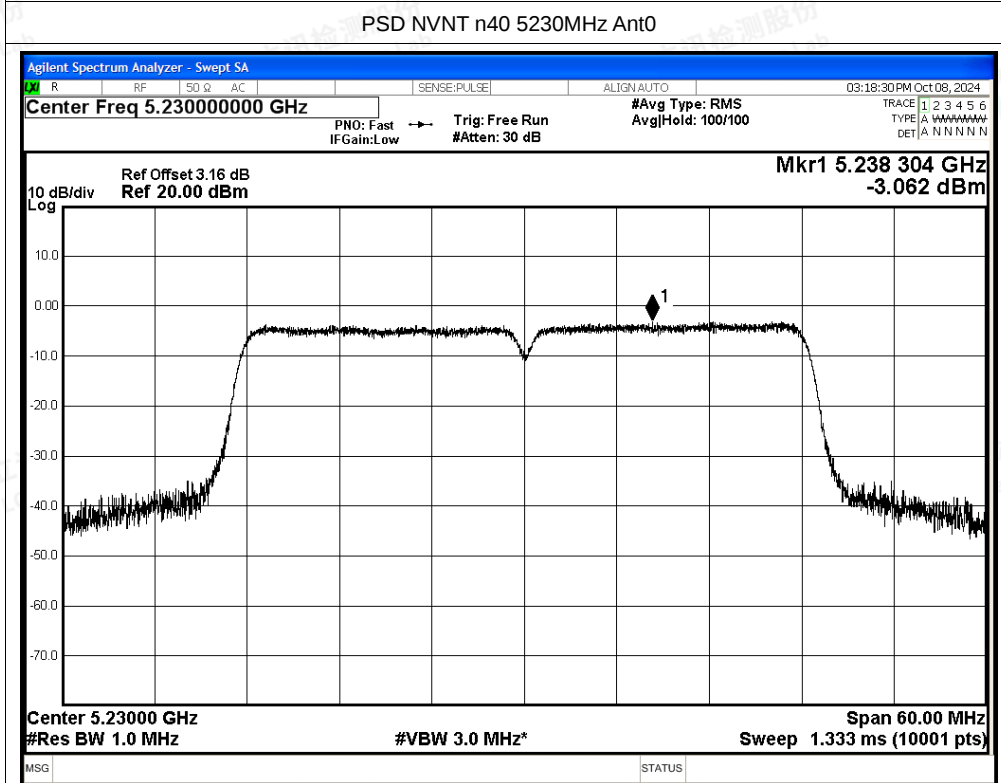
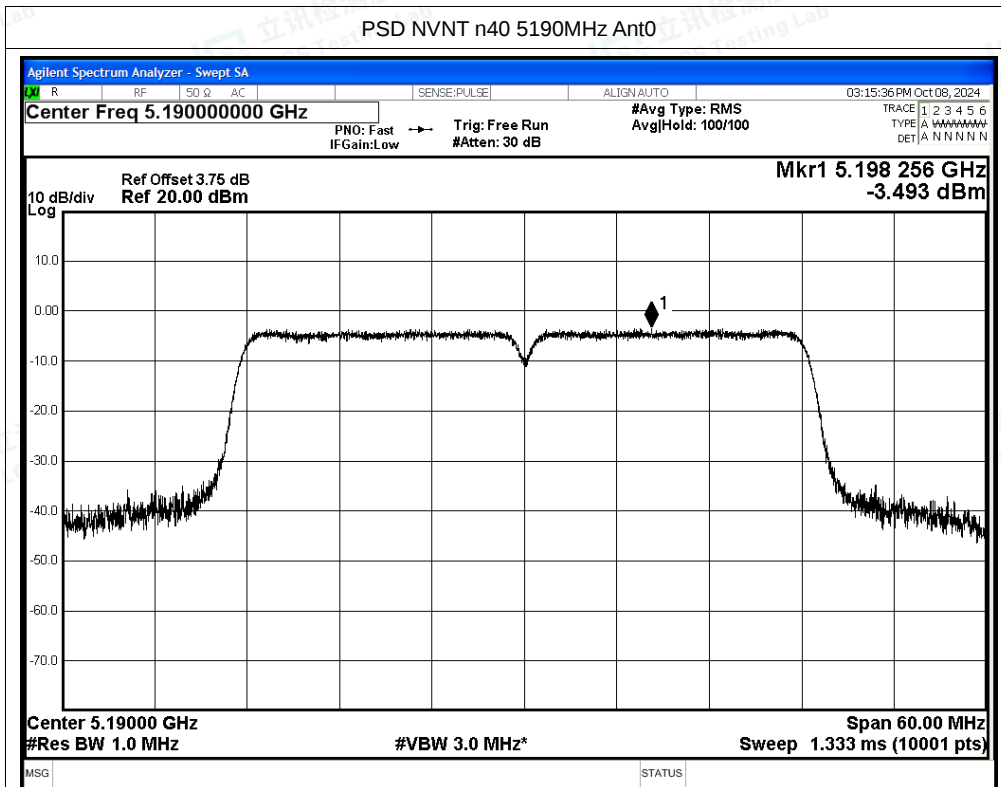
PSD NVNT a 5240MHz Ant0

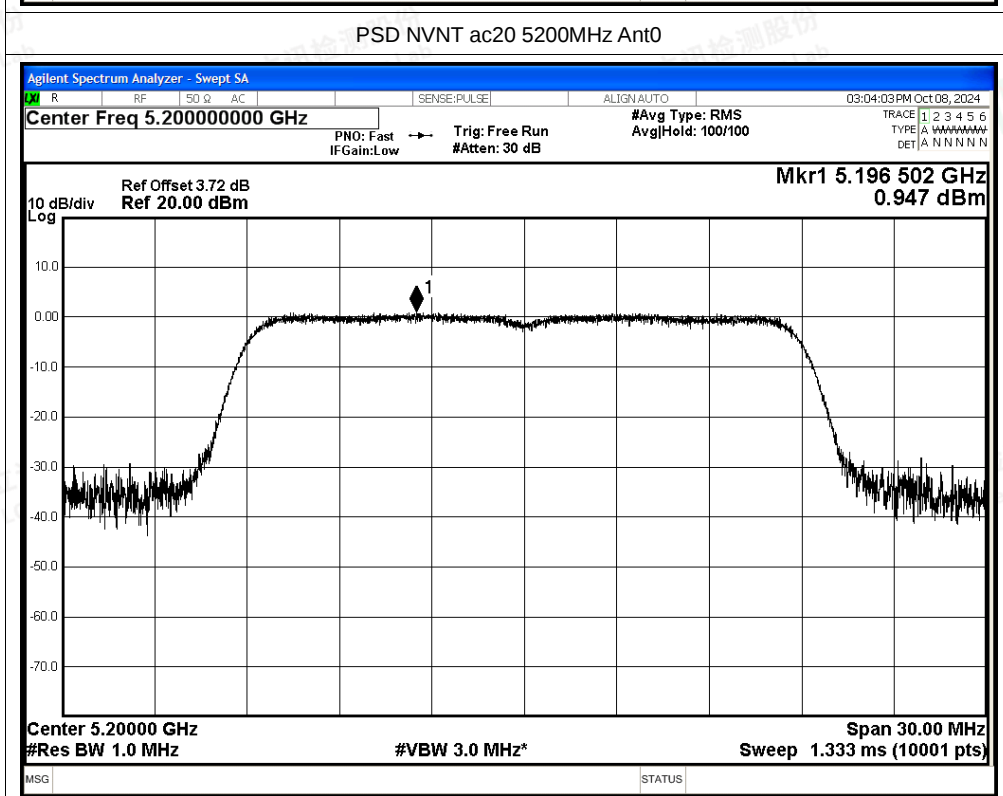
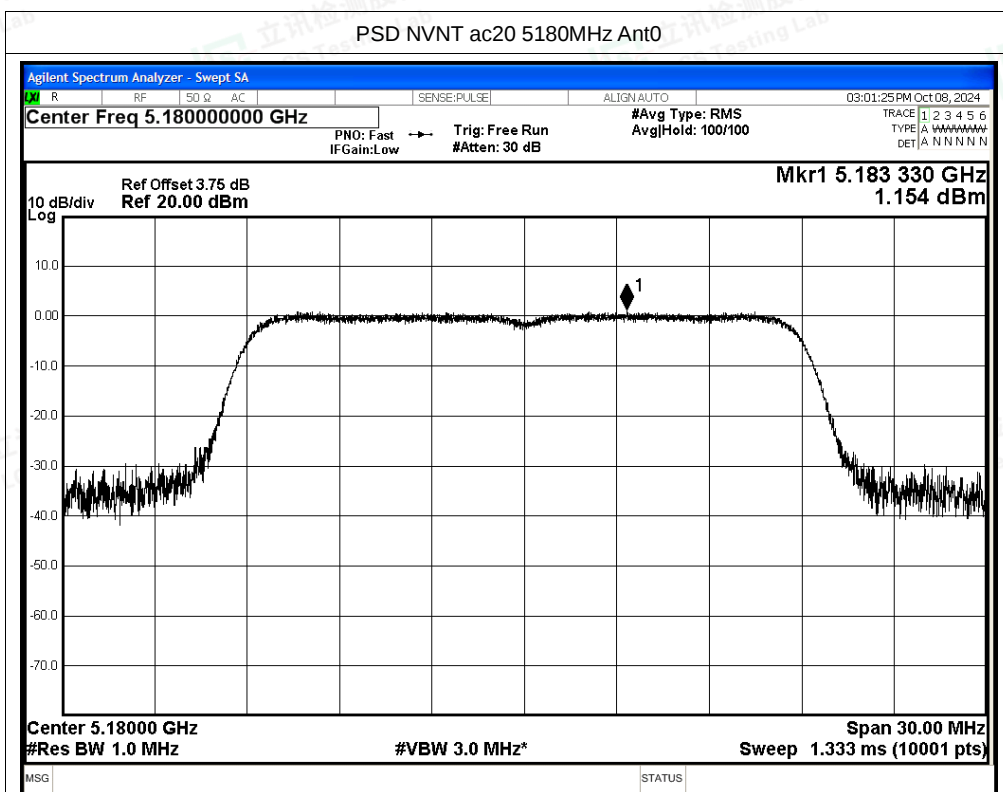


PSD NVNT n20 5180MHz Ant0



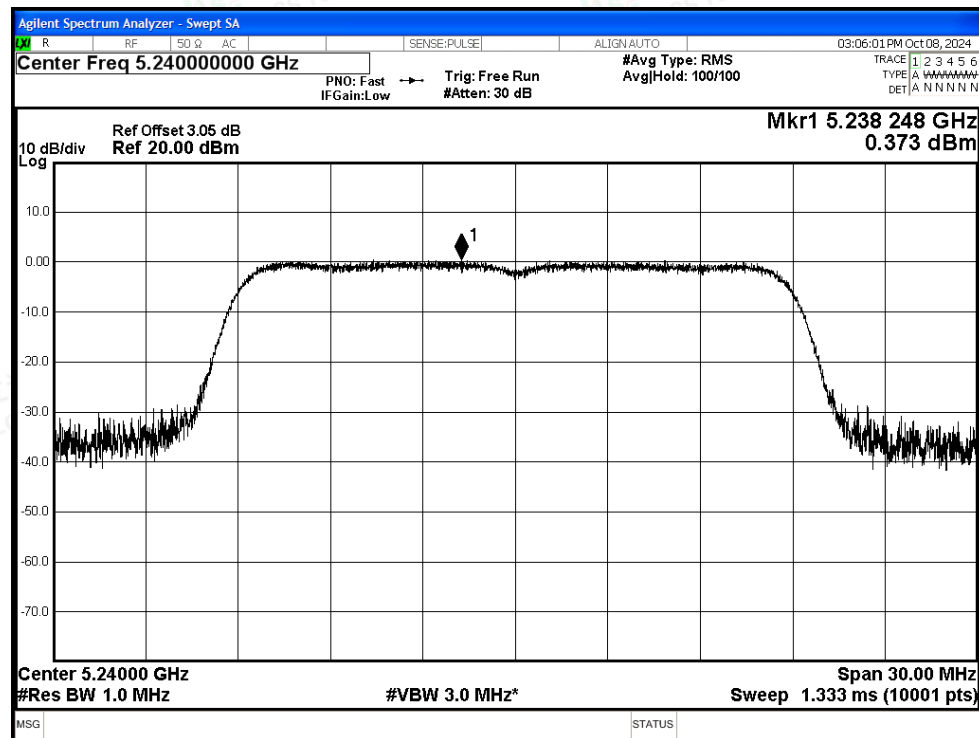




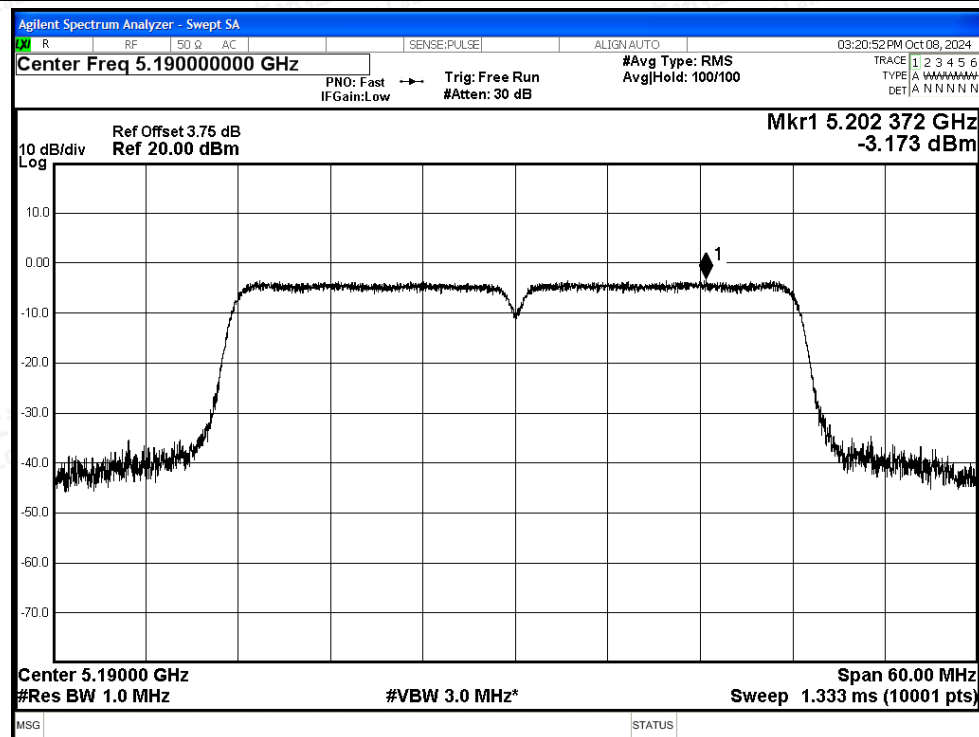




PSD NVNT ac20 5240MHz Ant0

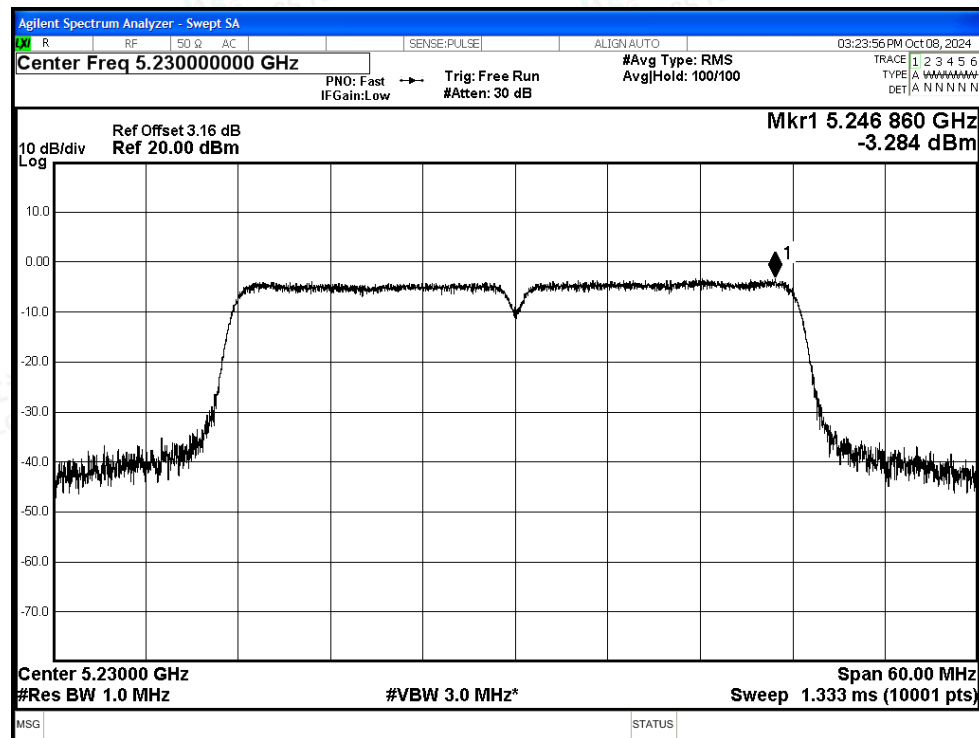


PSD NVNT ac40 5190MHz Ant0

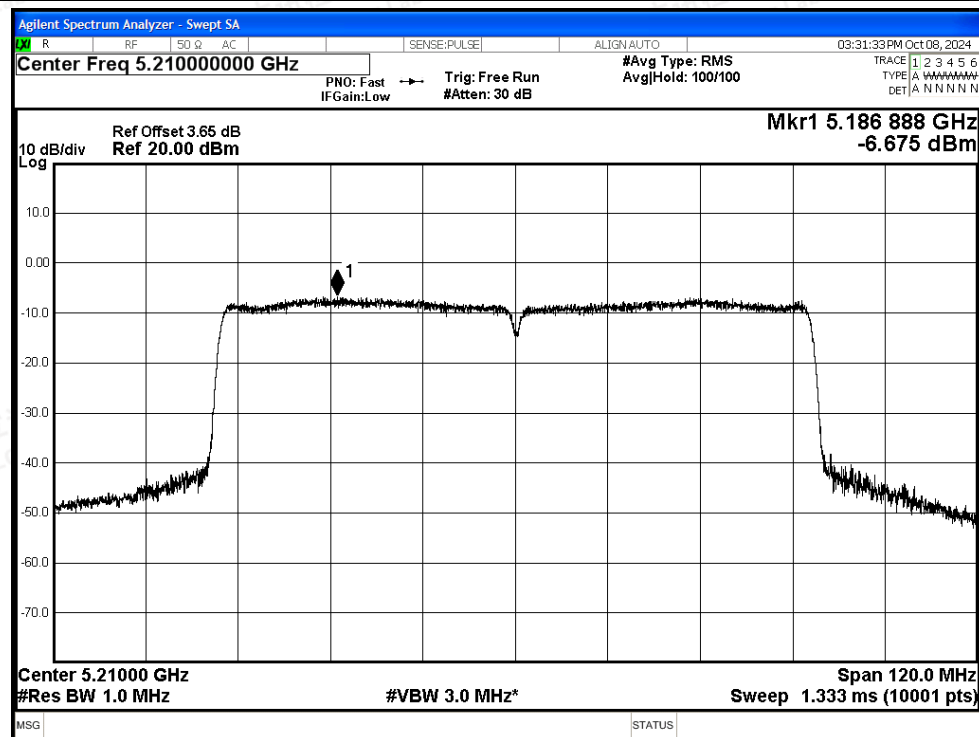




PSD NVNT ac40 5230MHz Ant0

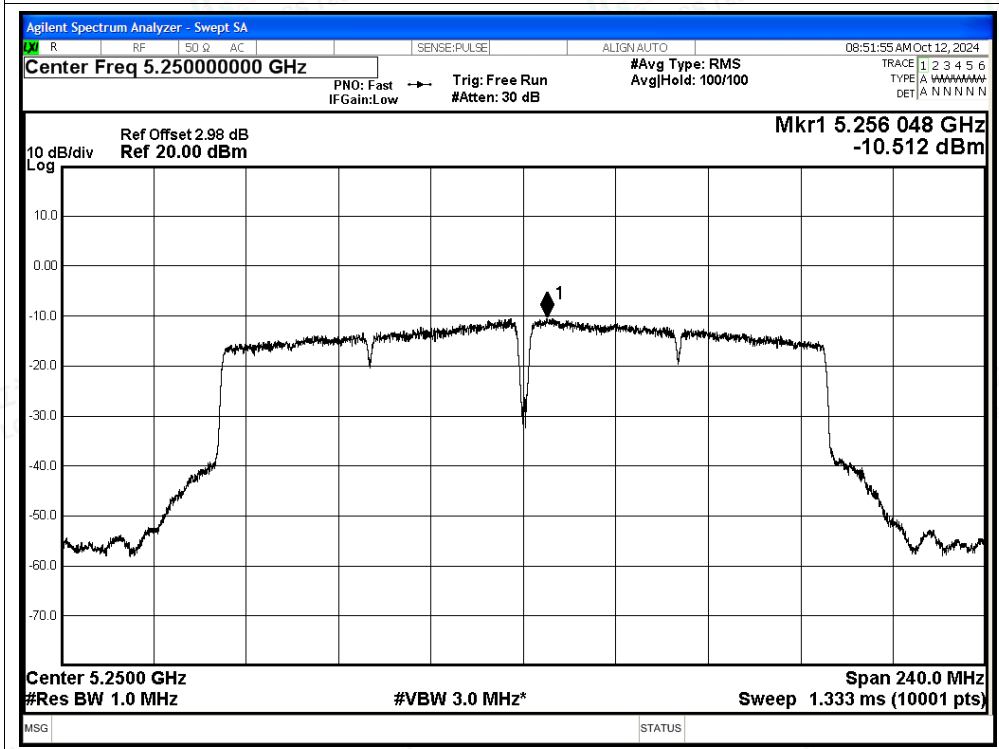


PSD NVNT ac80 5210MHz Ant0

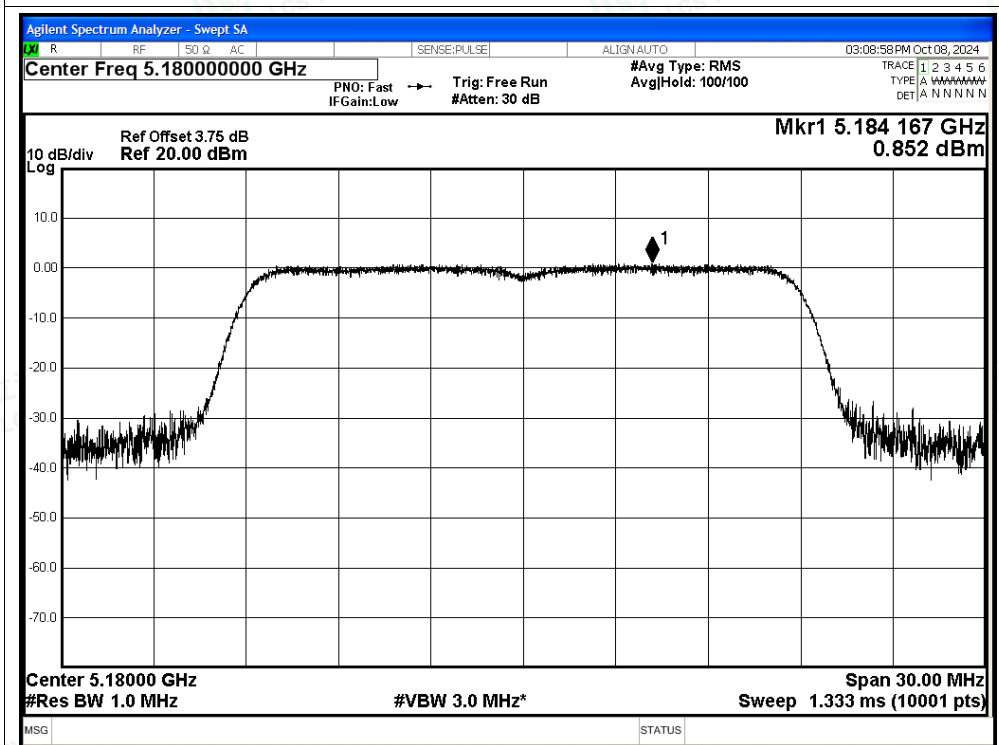




PSD NVNT ac160 5250MHz Ant0

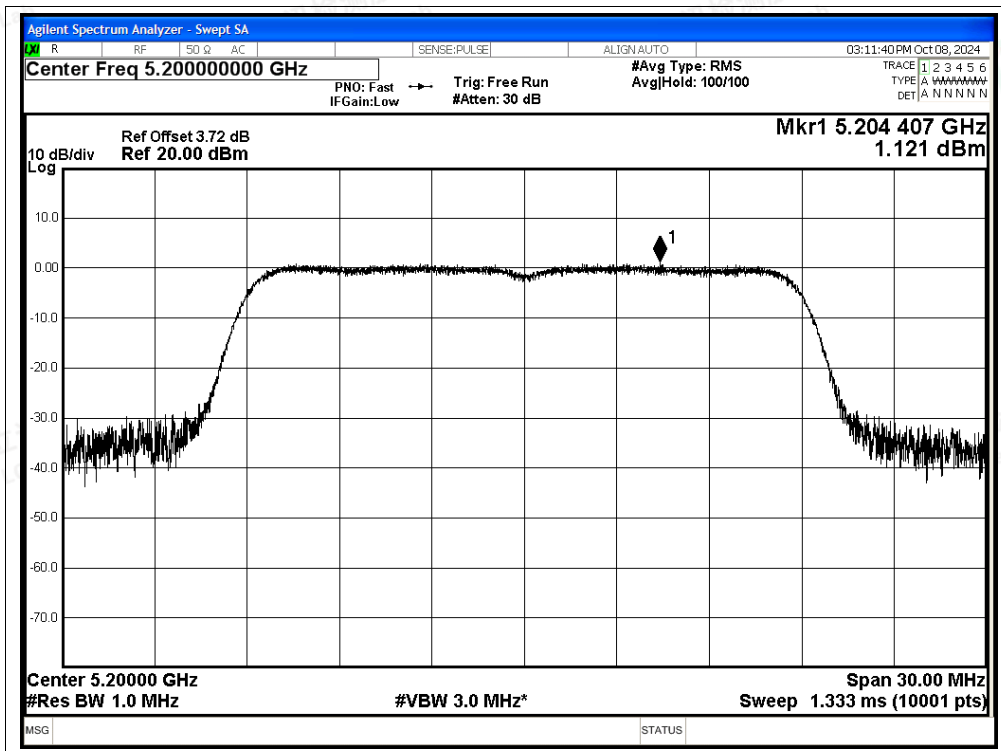


PSD NVNT ax20 5180MHz Ant0

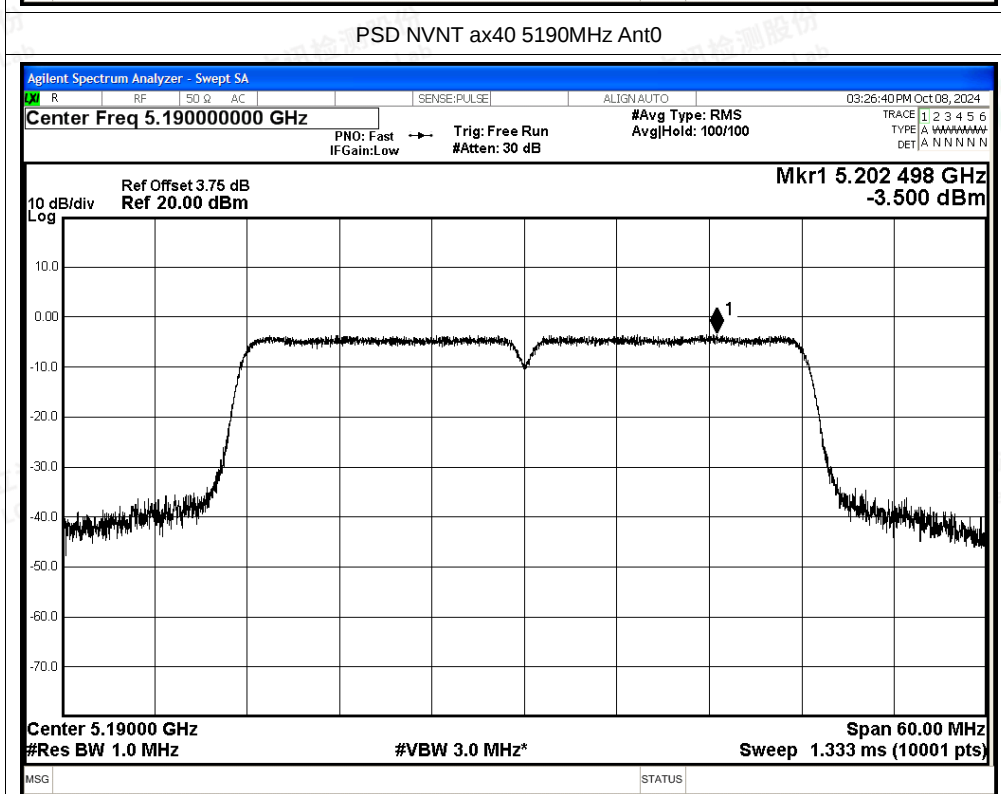
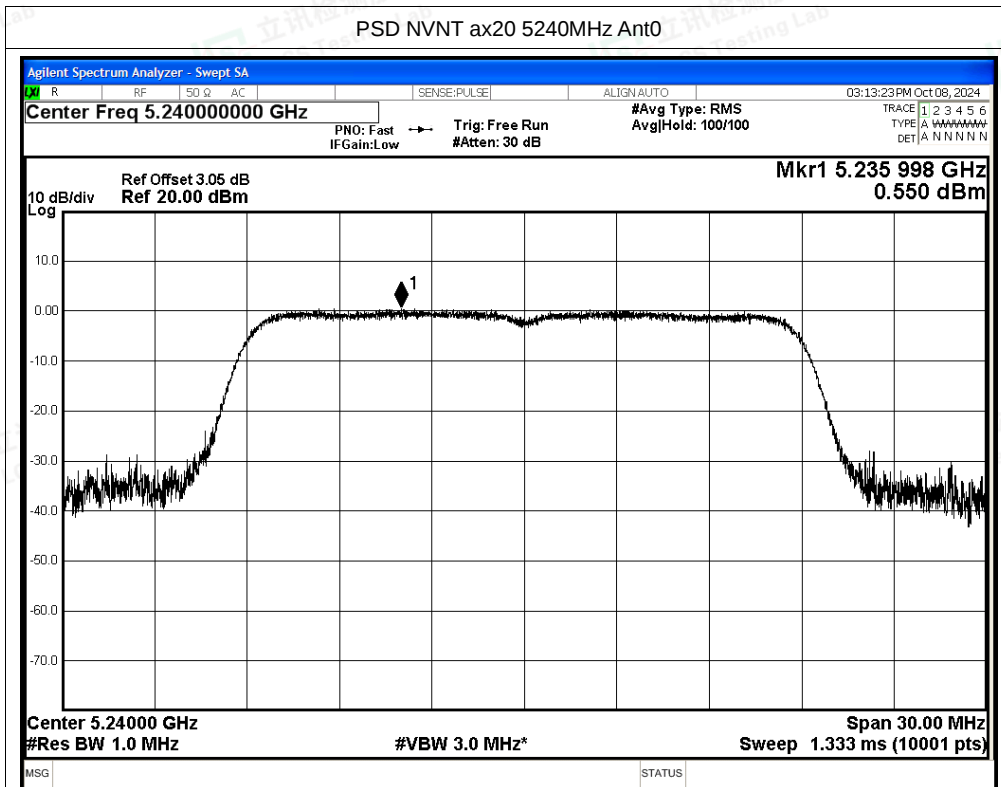


PSD NVNT ax20 5200MHz Ant0



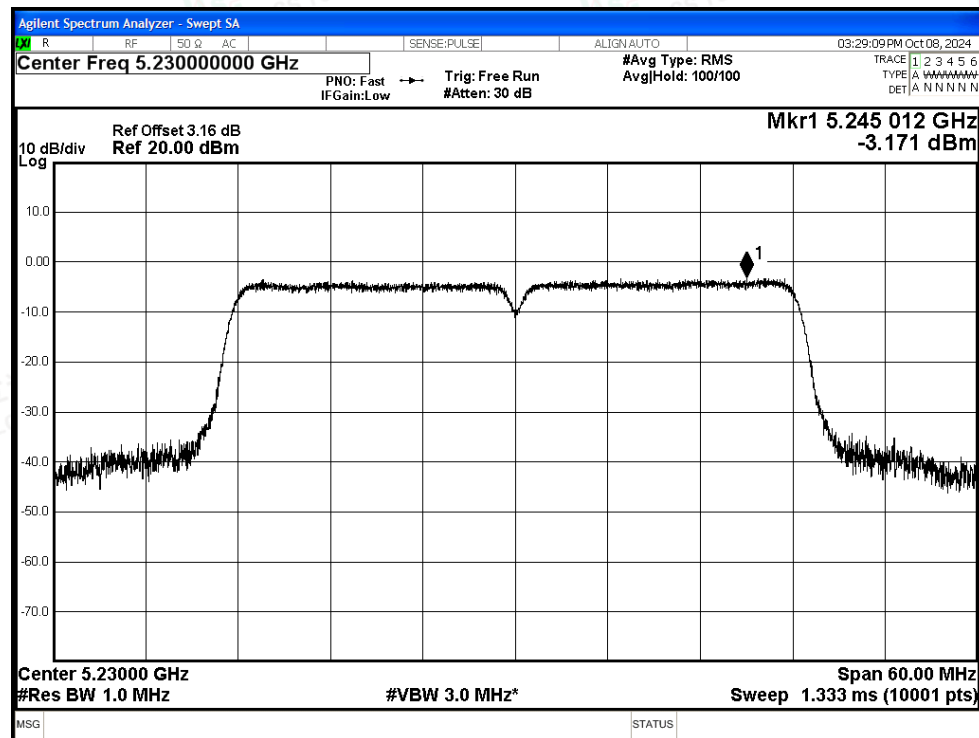


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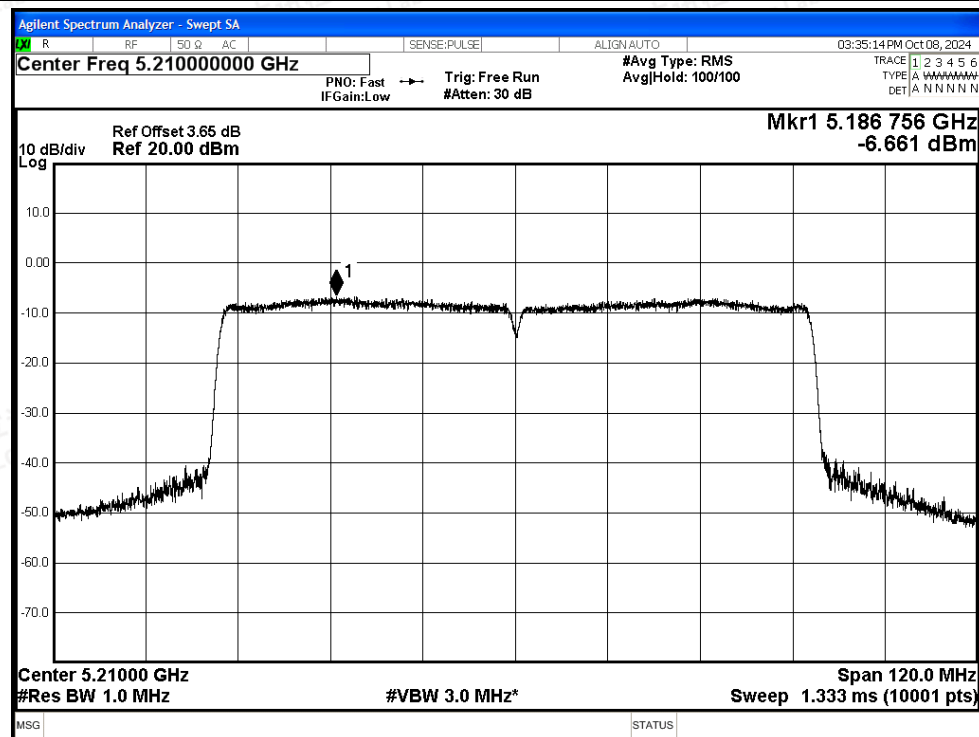


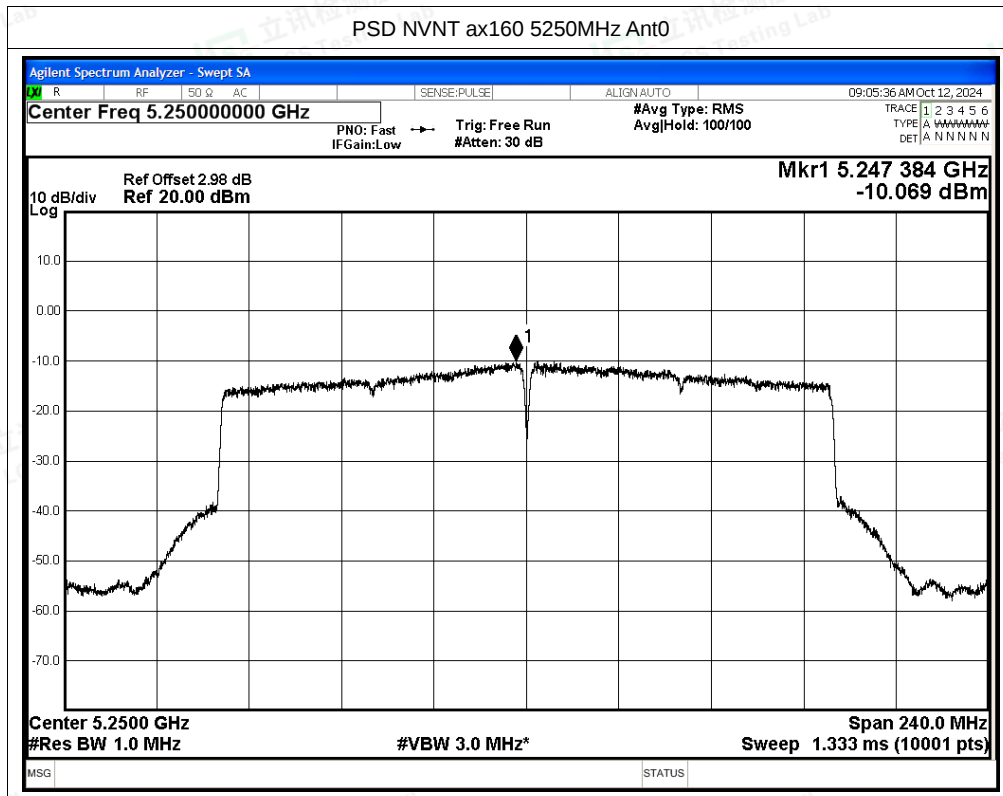


PSD NVNT ax40 5230MHz Ant0



PSD NVNT ax80 5210MHz Ant0

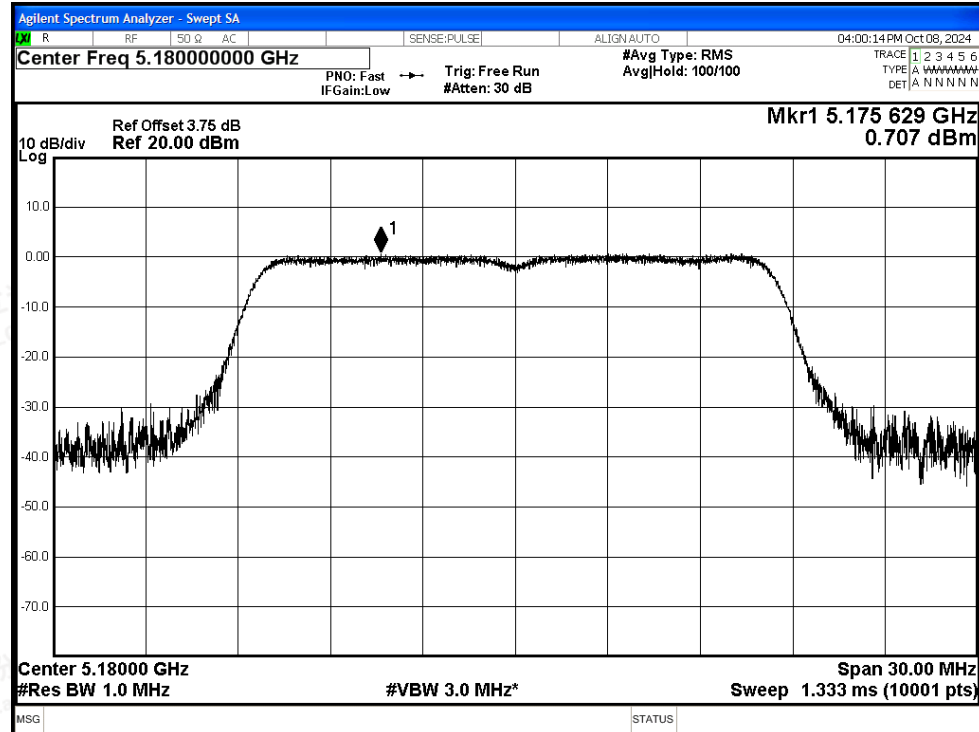




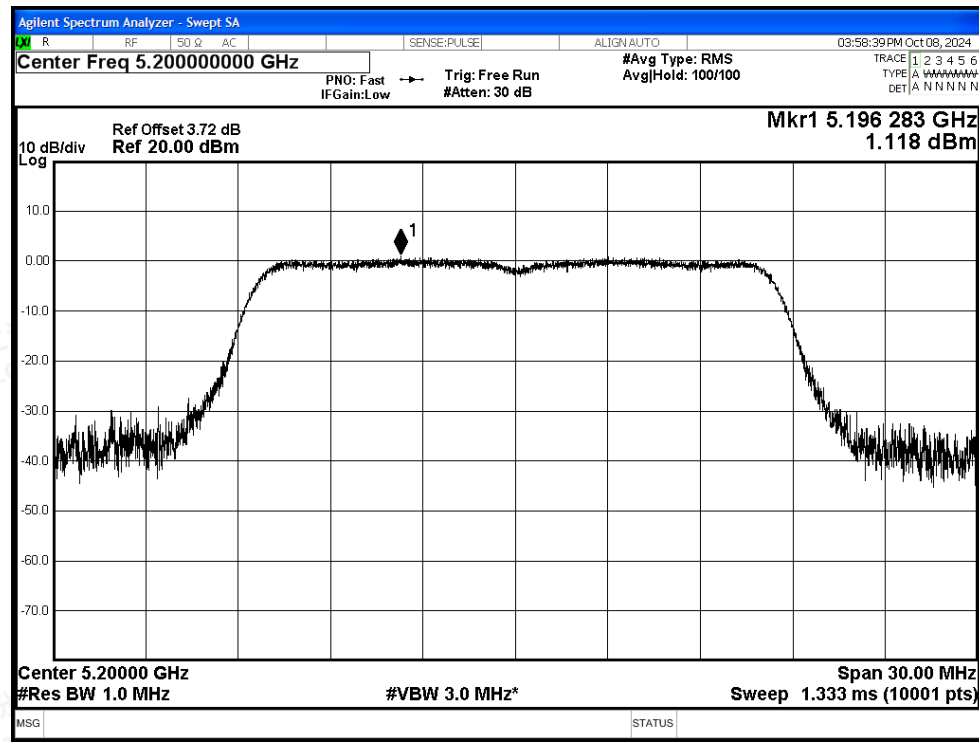


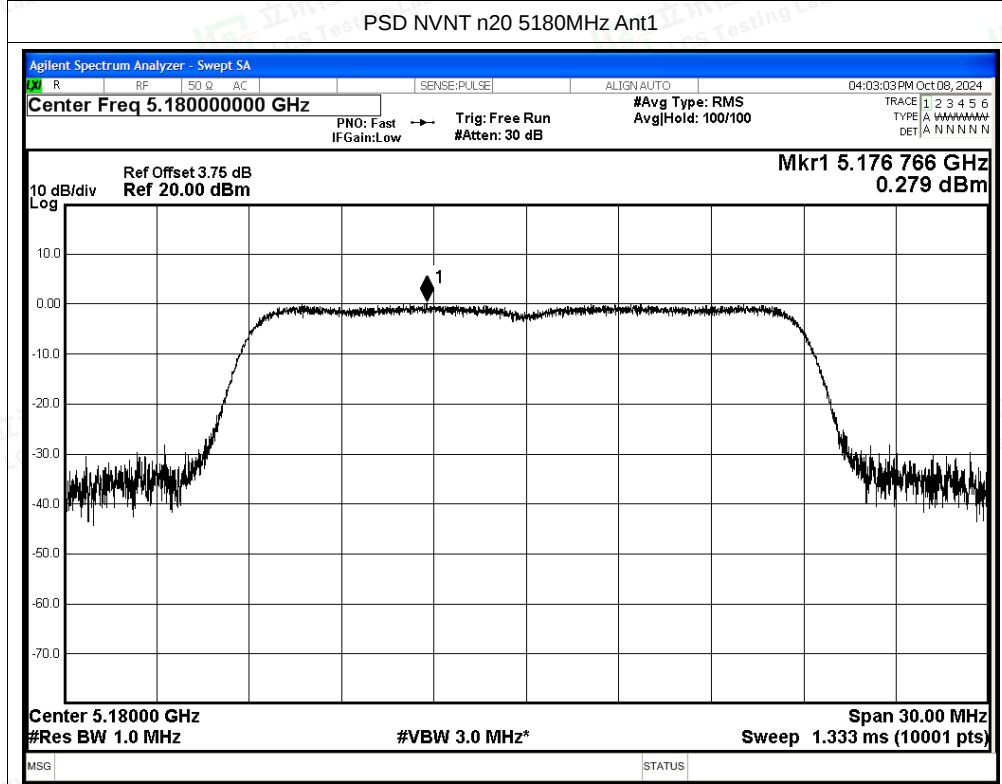
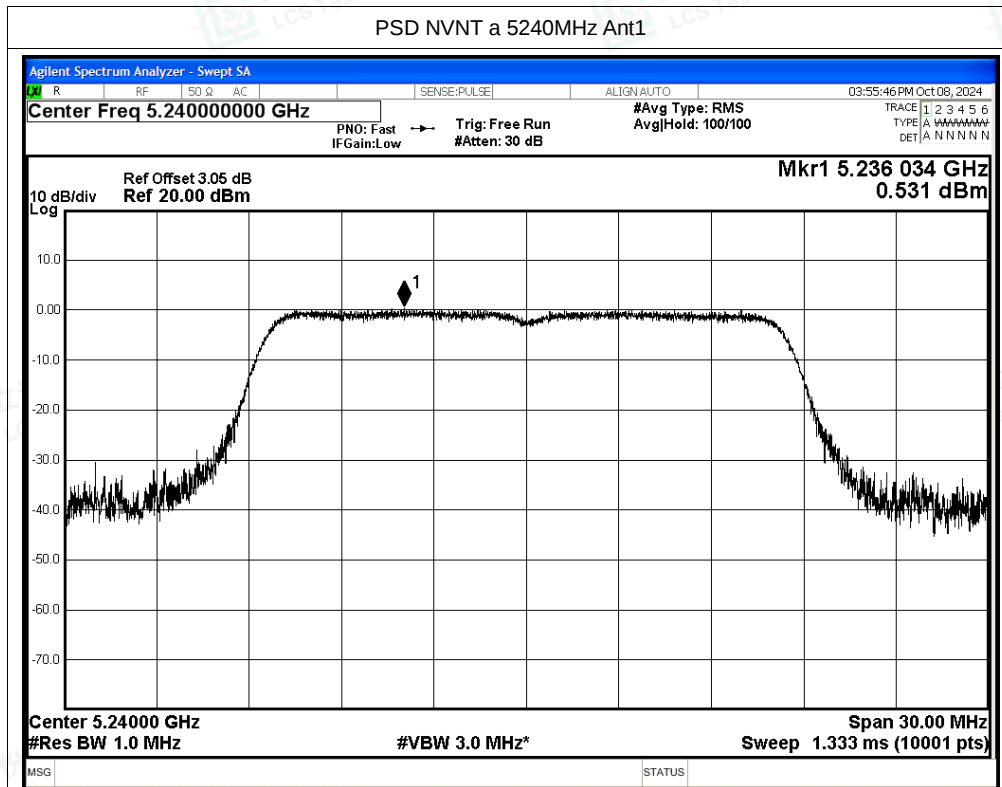
Test Graphs

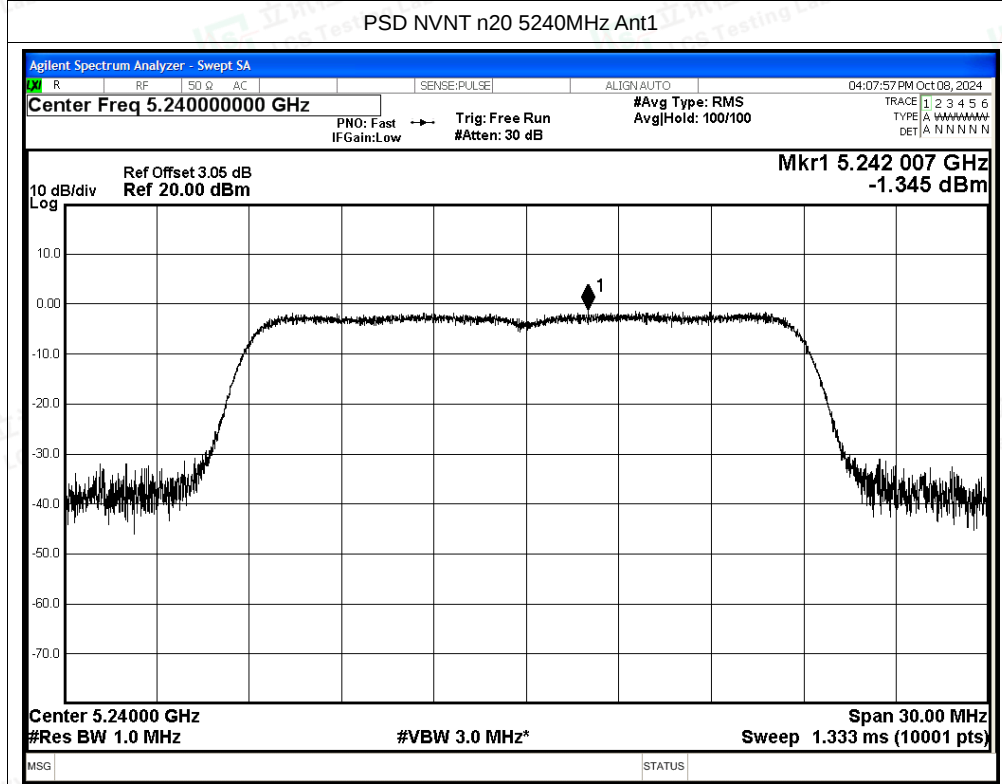
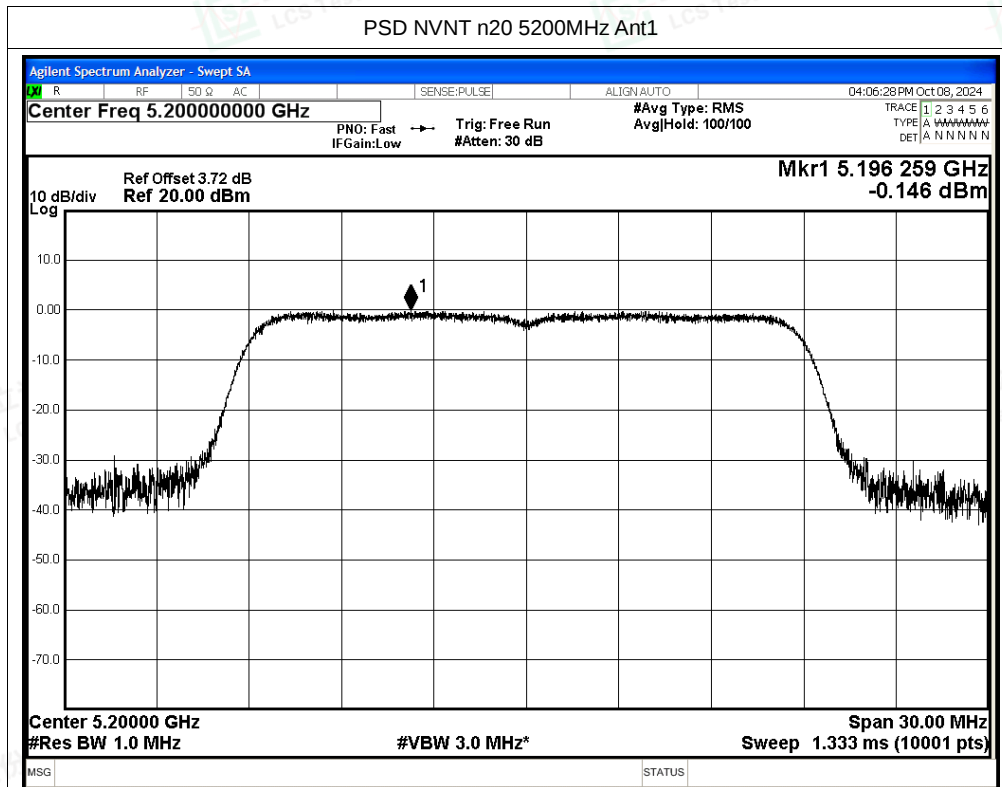
PSD NVNT a 5180MHz Ant1

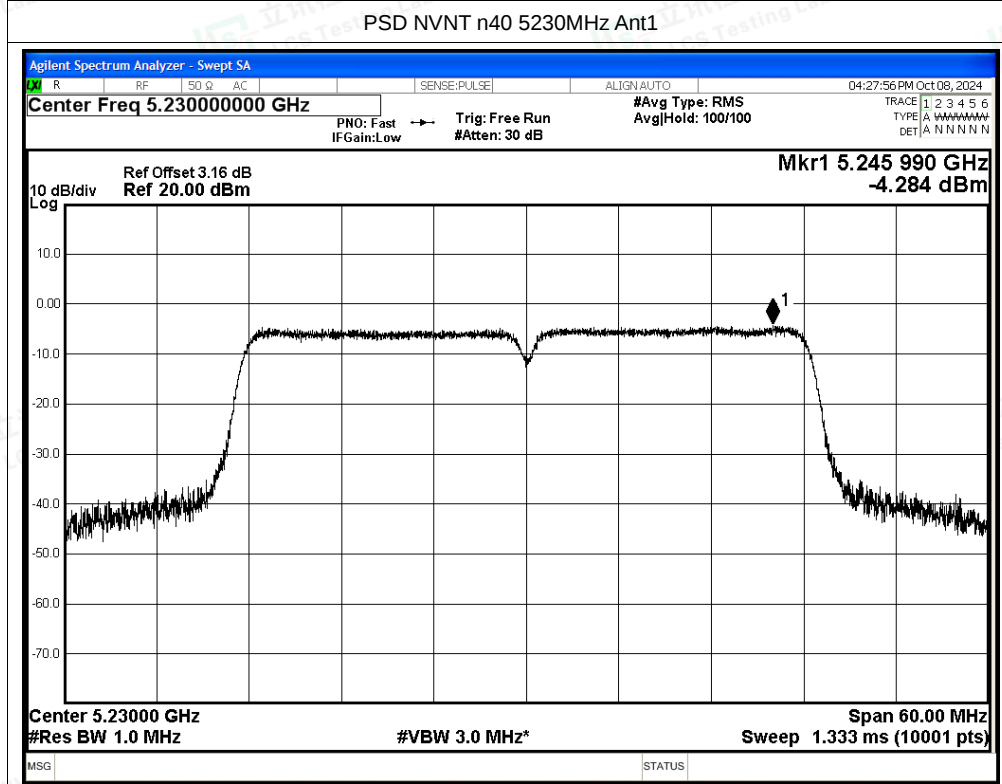
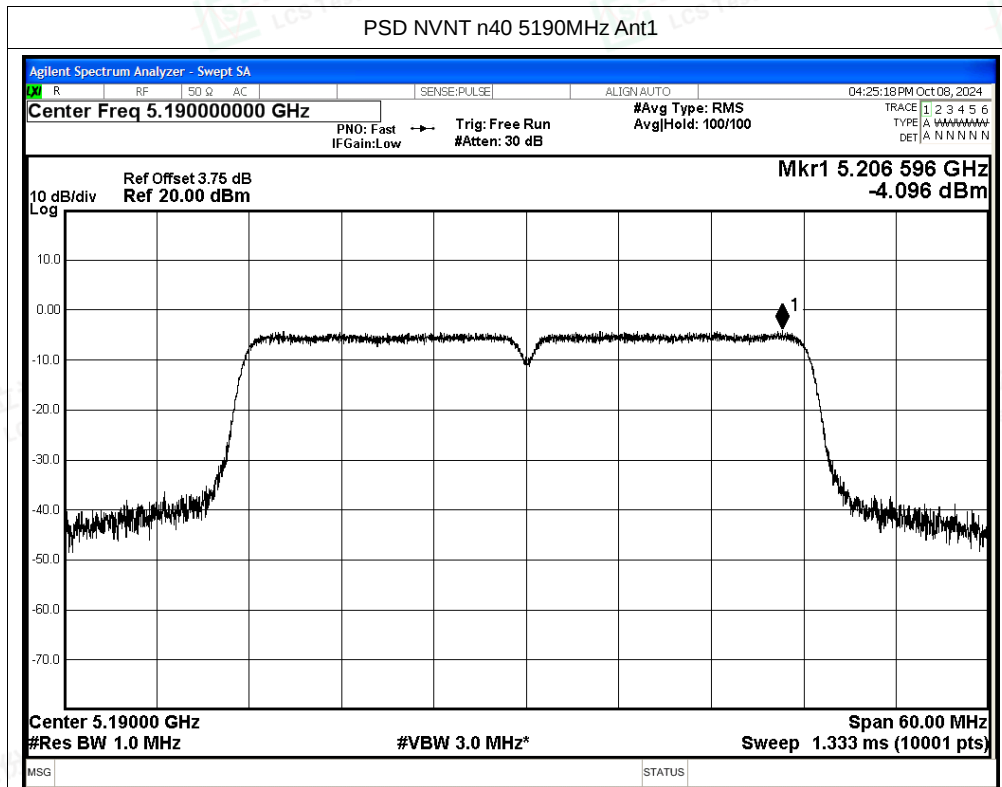


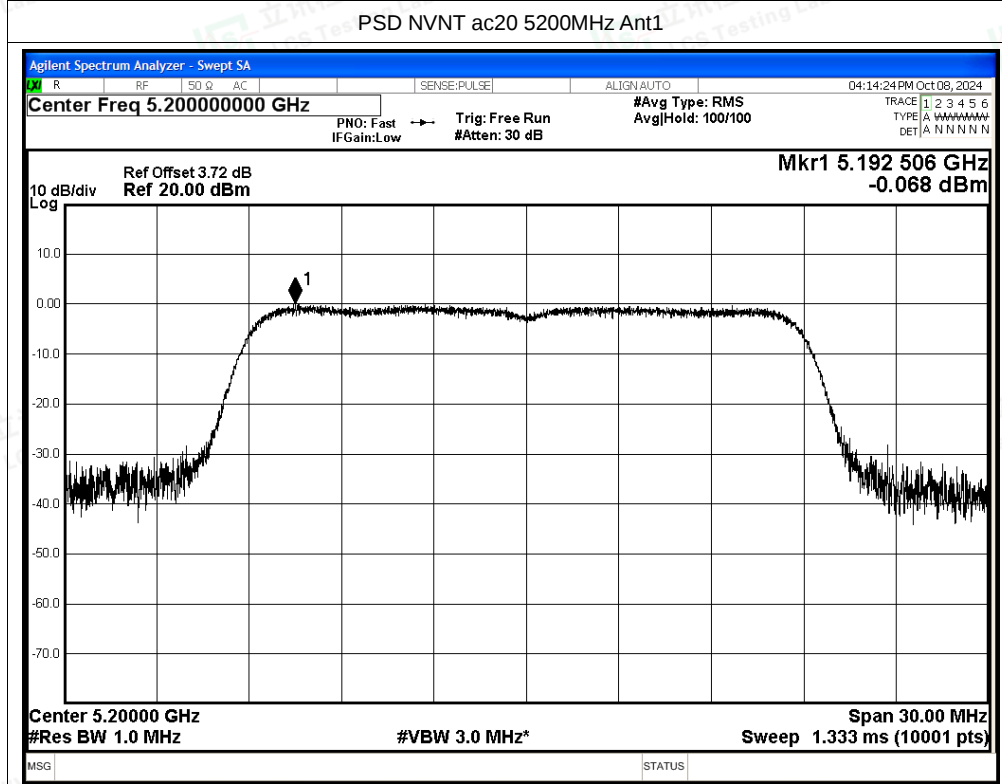
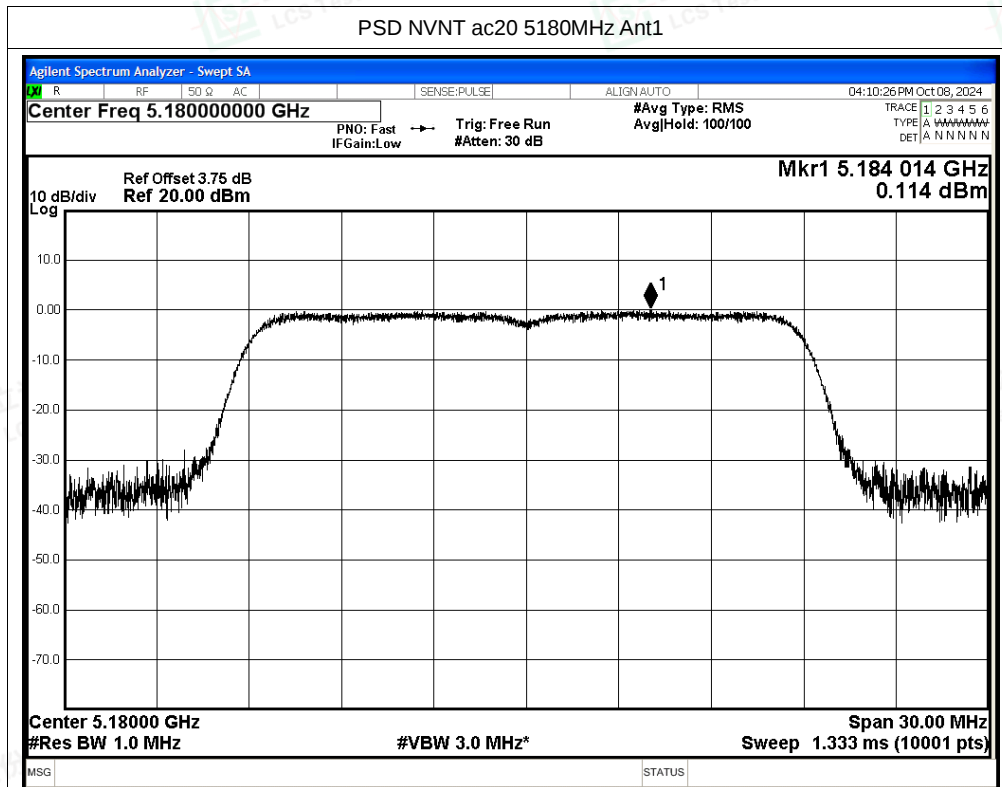
PSD NVNT a 5200MHz Ant1

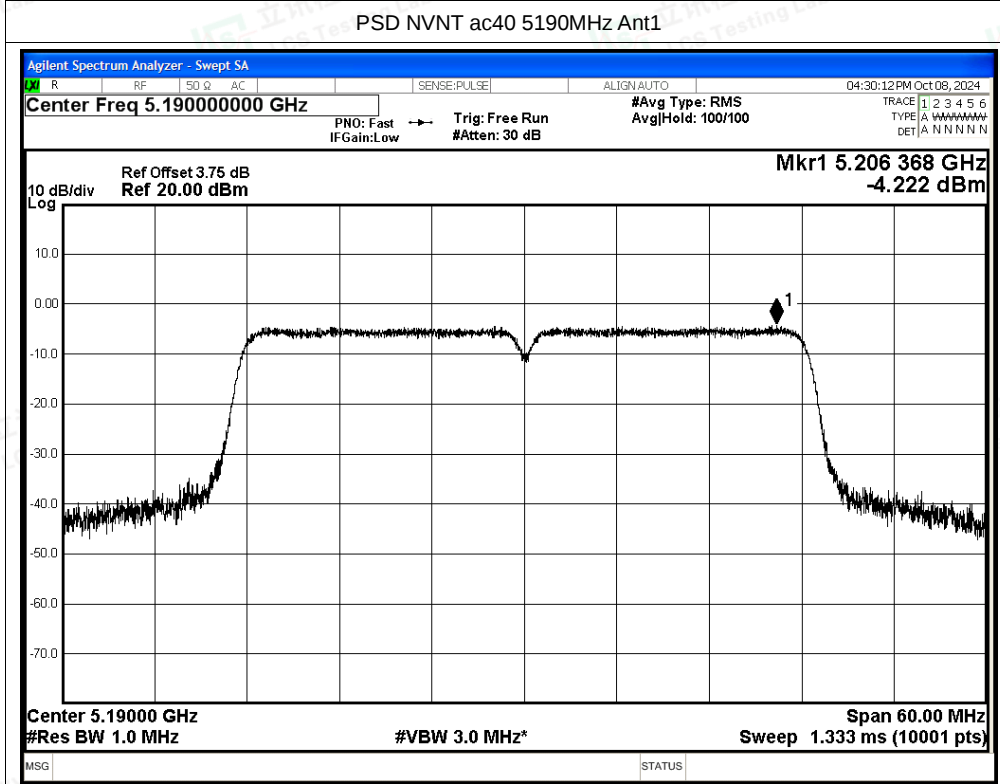
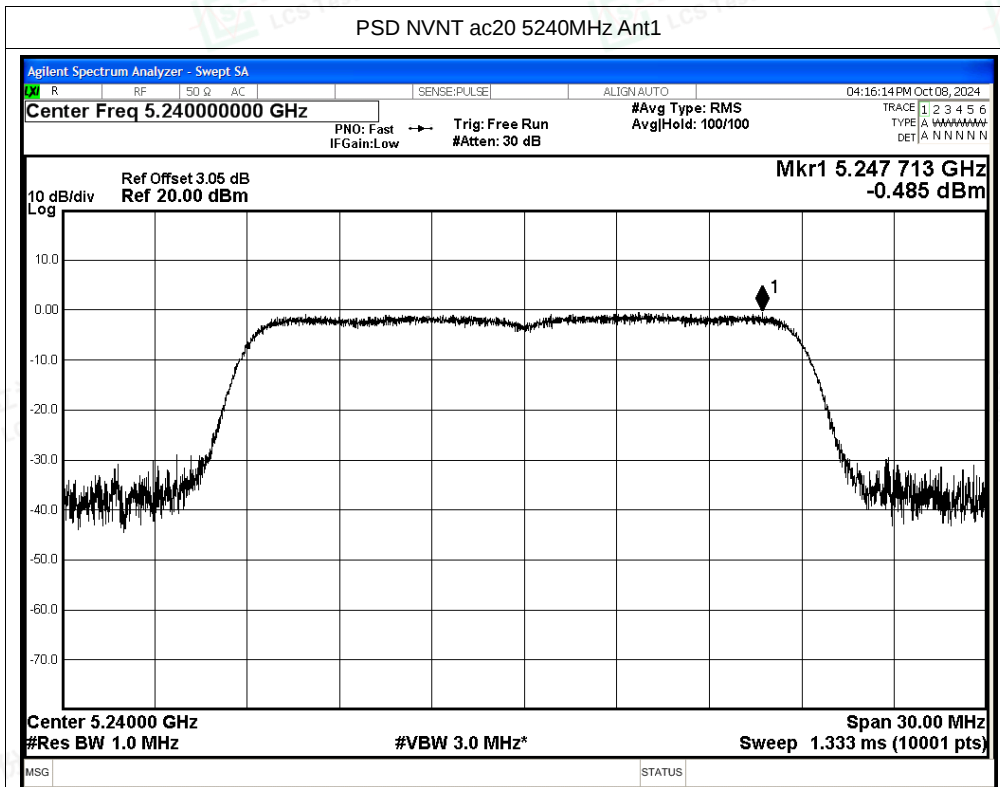


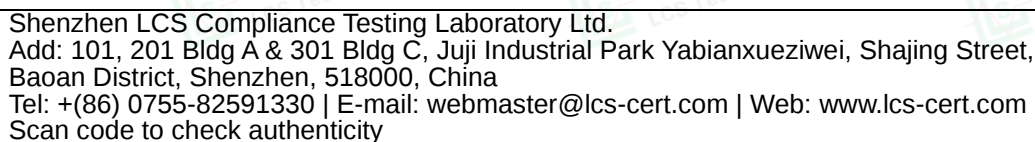






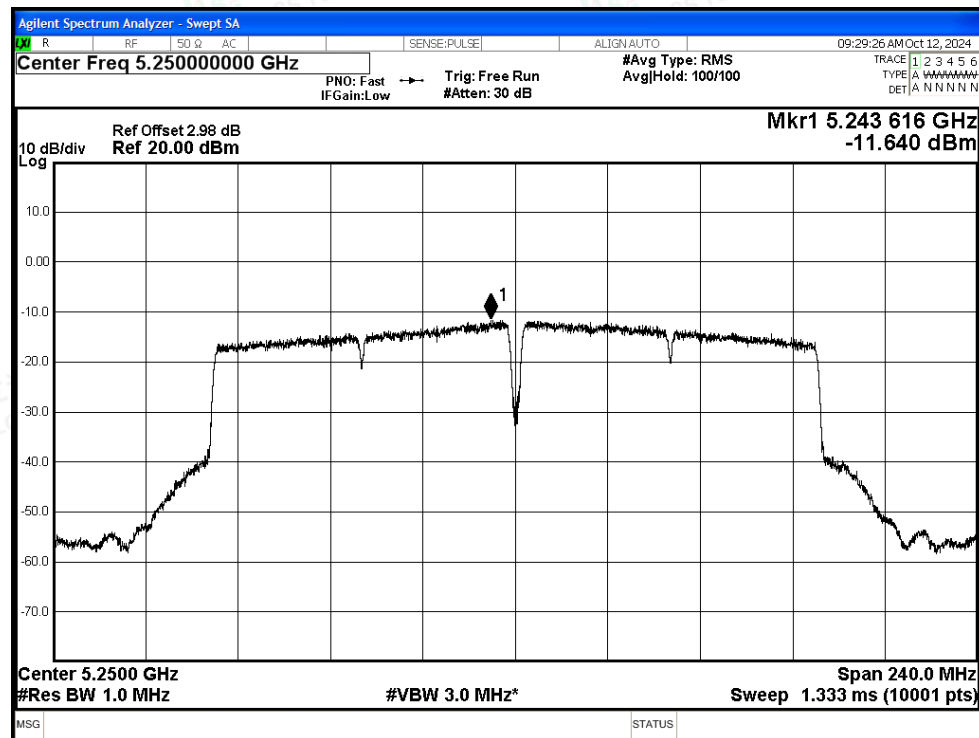




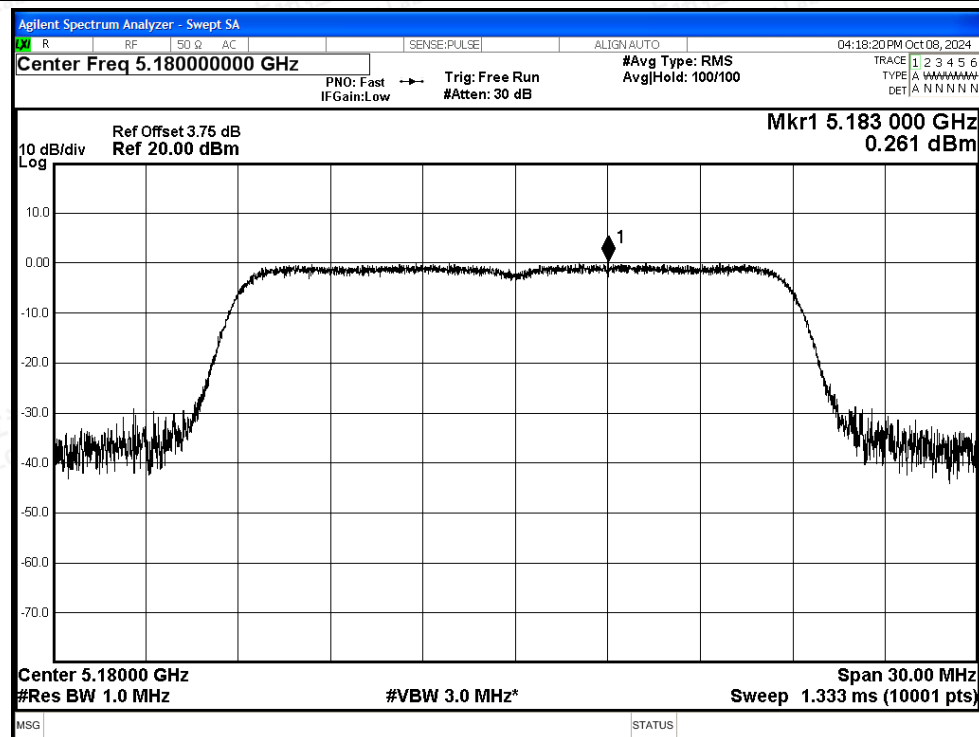


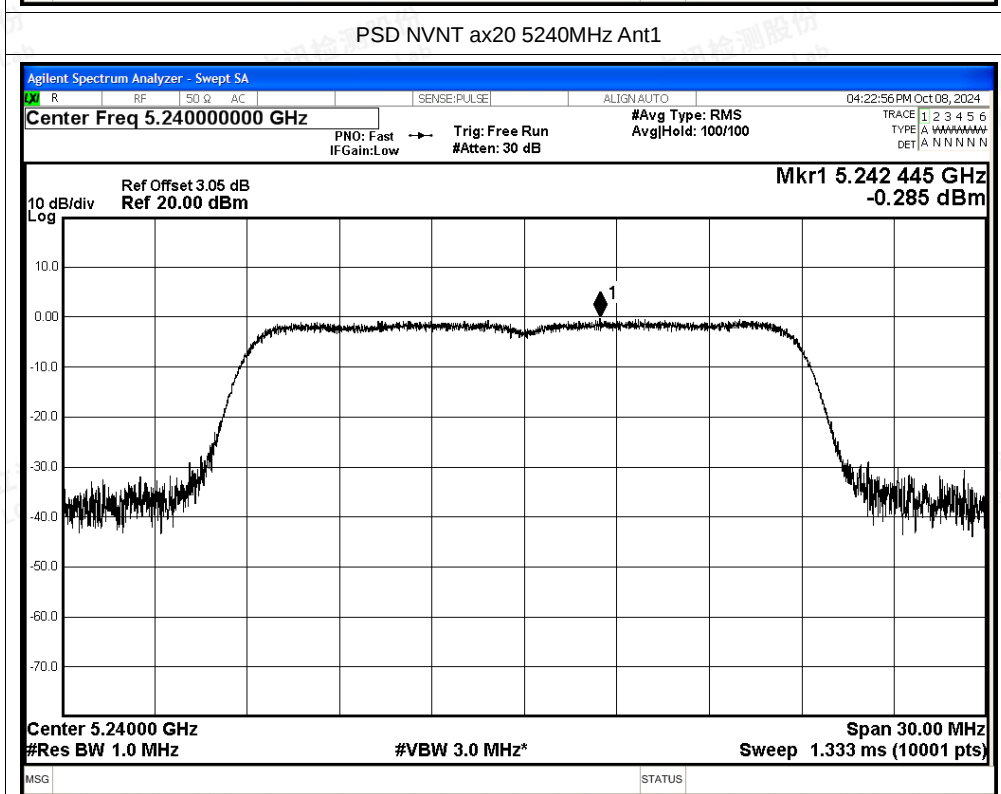
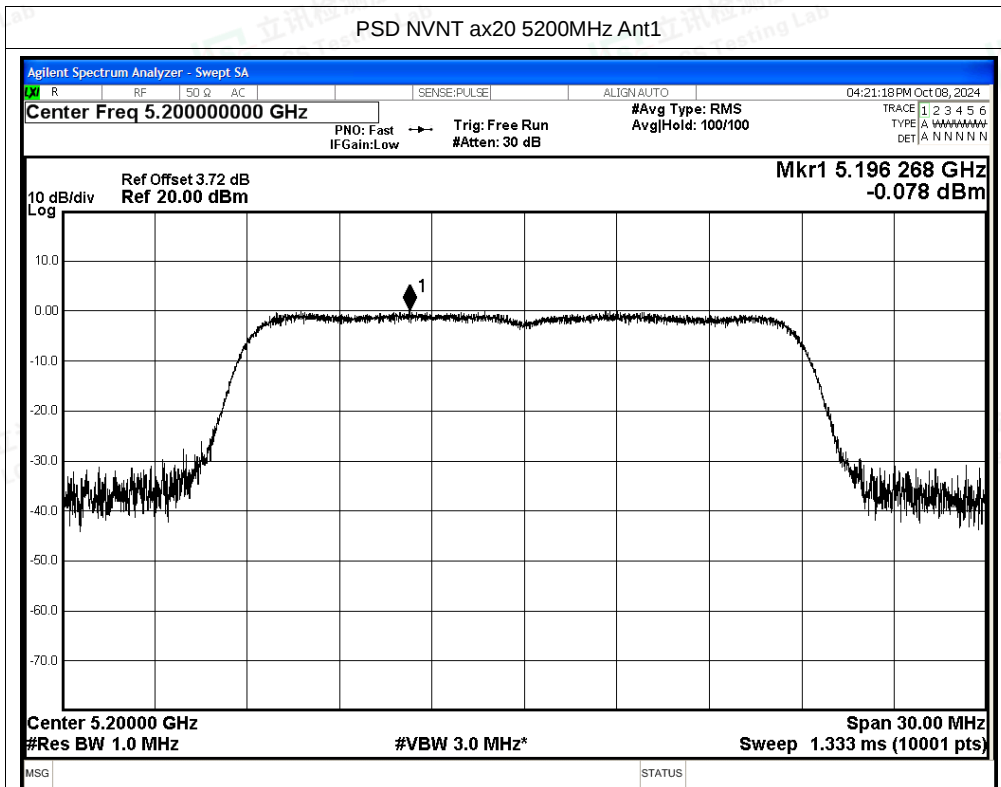


PSD NVNT ac160 5250MHz Ant1



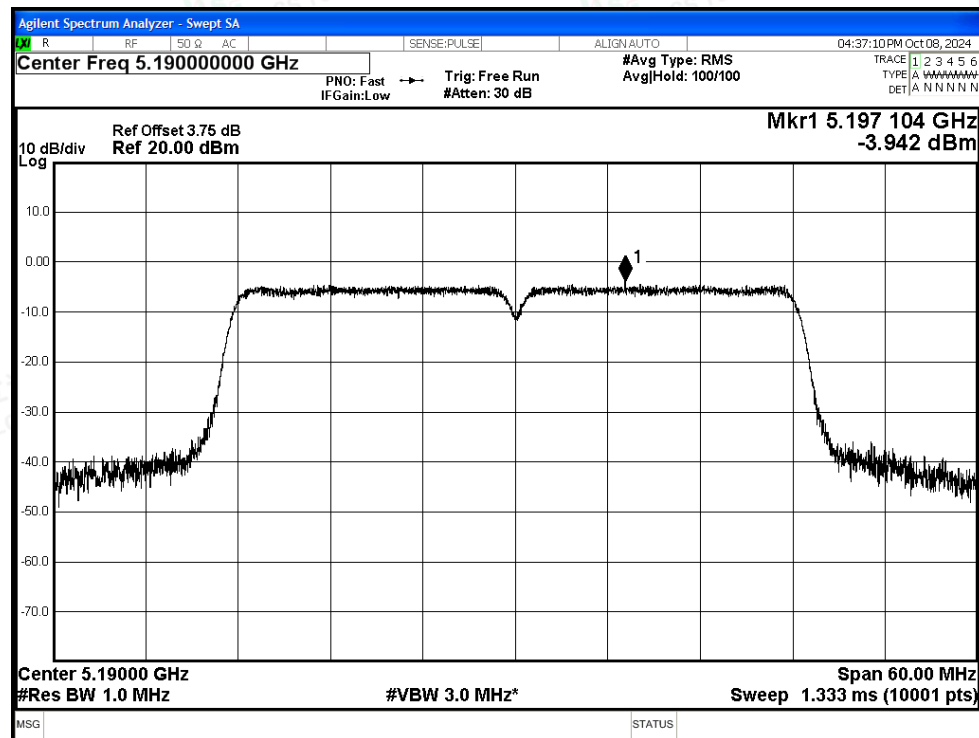
PSD NVNT ax20 5180MHz Ant1



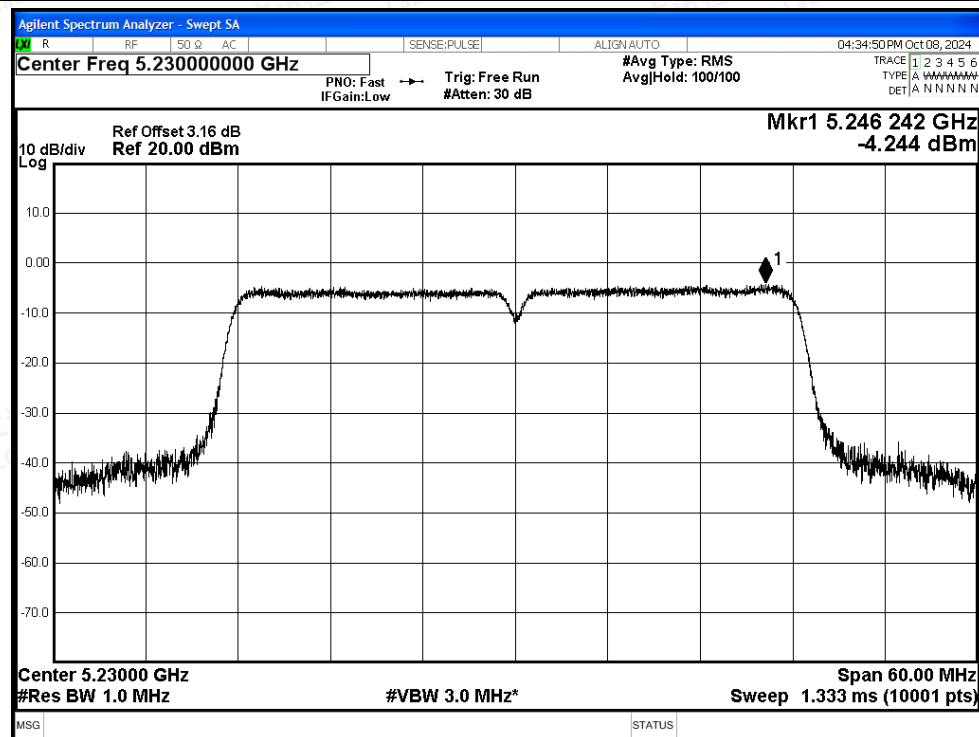




PSD NVNT ax40 5190MHz Ant1

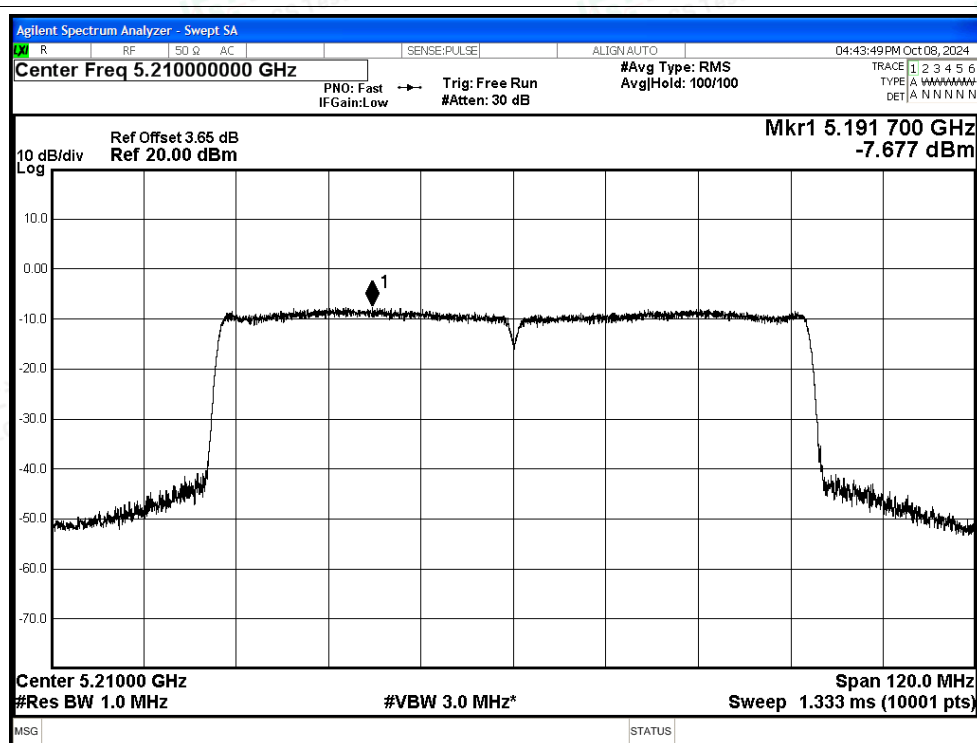


PSD NVNT ax40 5230MHz Ant1

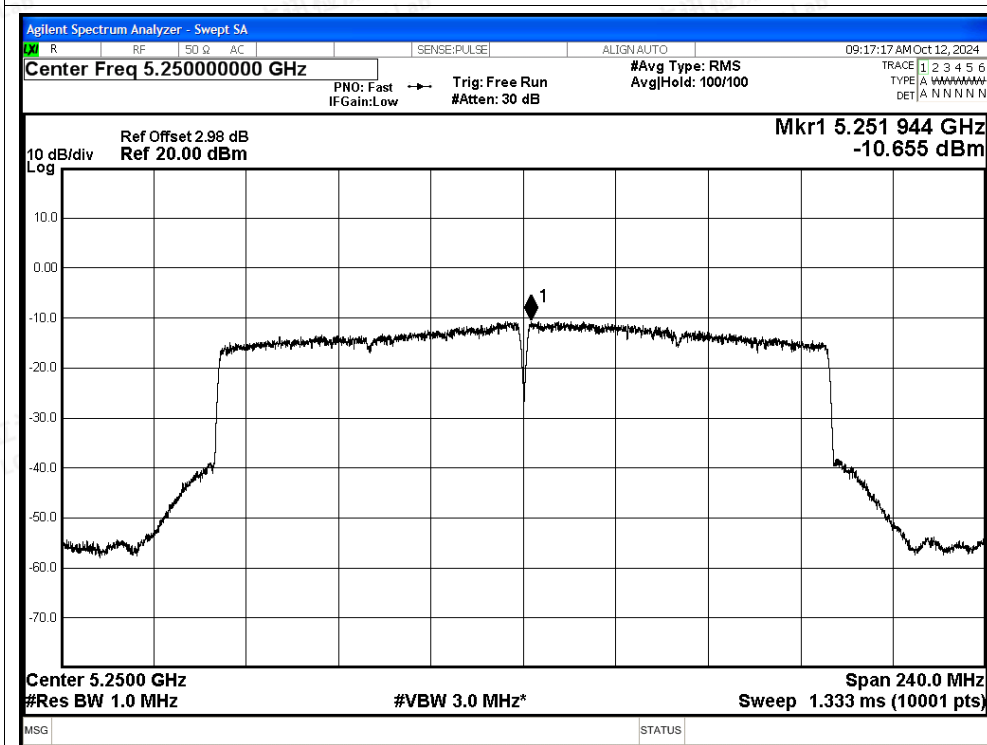




PSD NVNT ax80 5210MHz Ant1



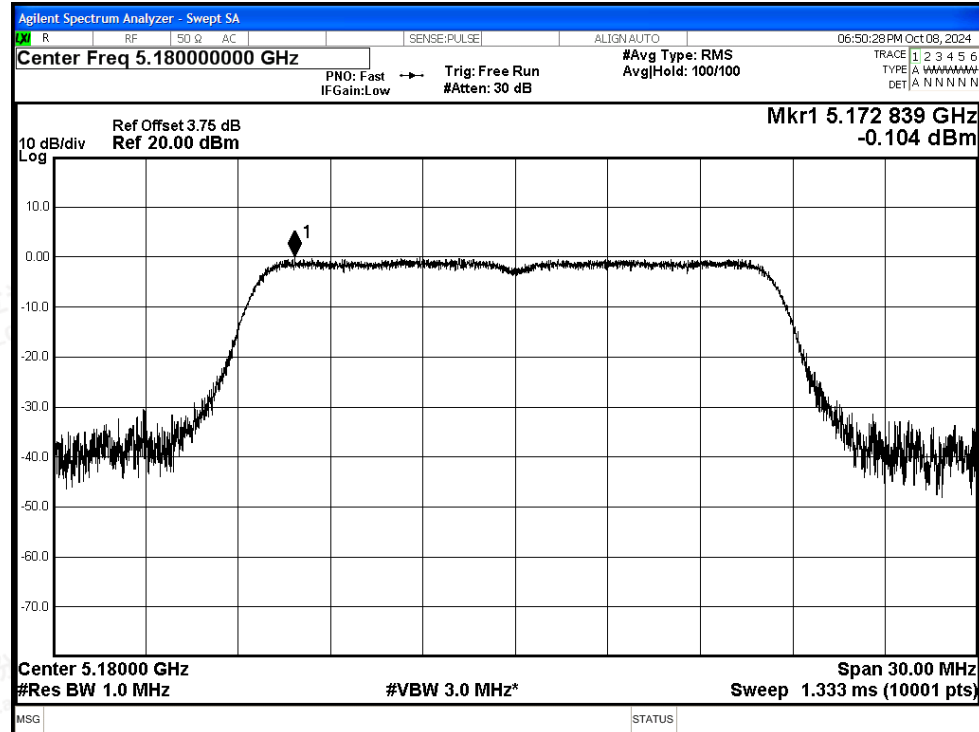
PSD NVNT ax160 5250MHz Ant1



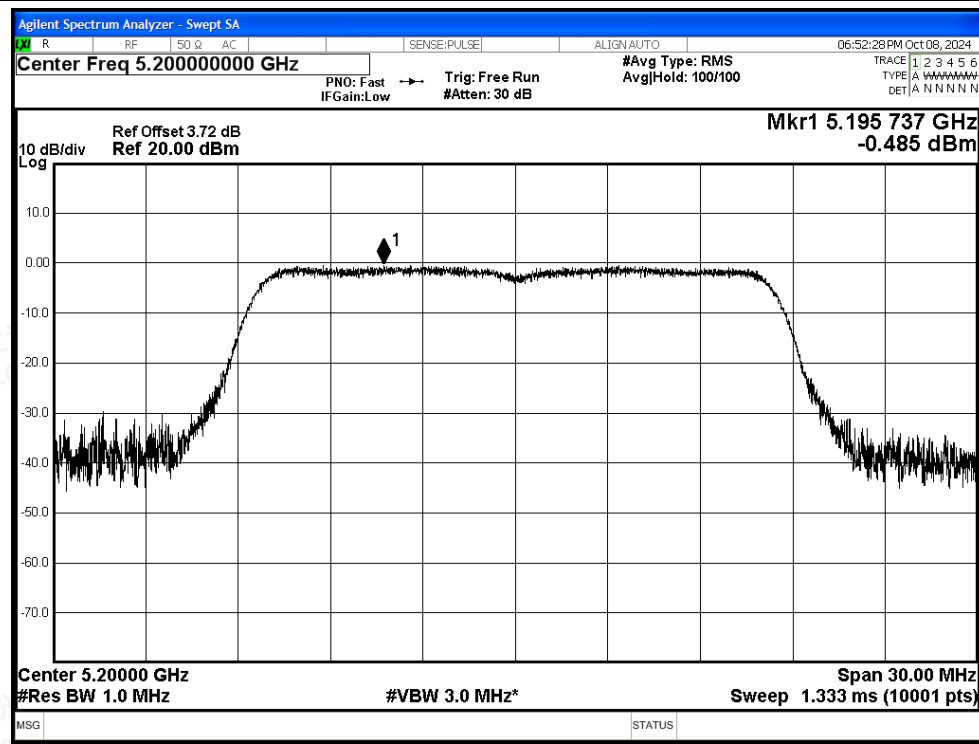


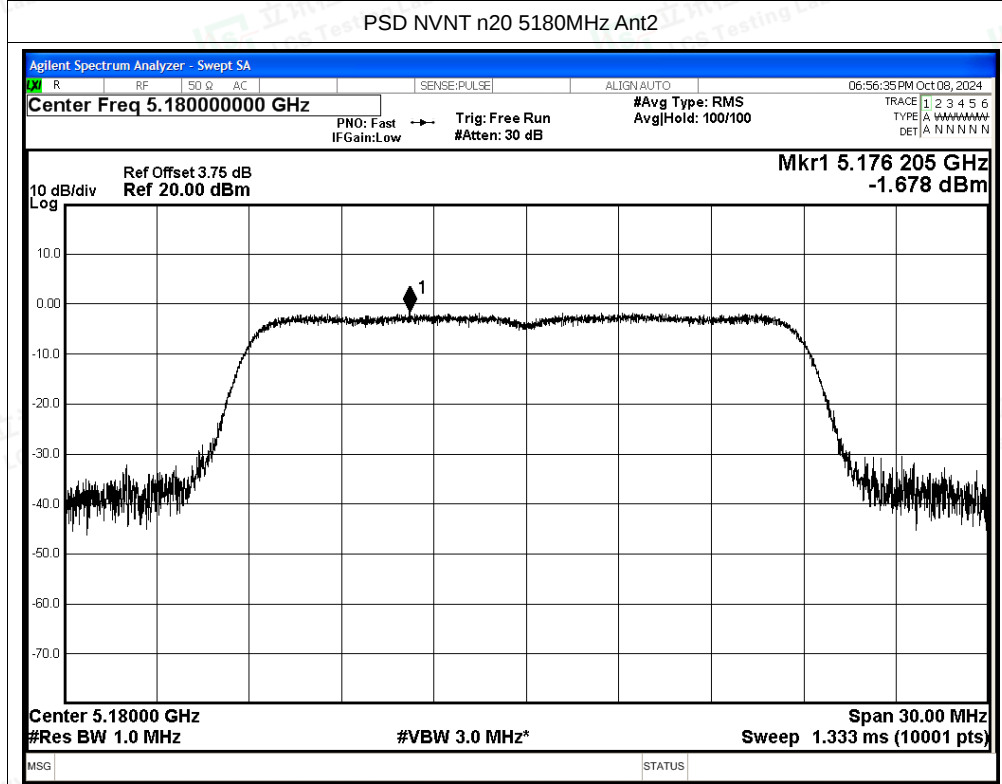
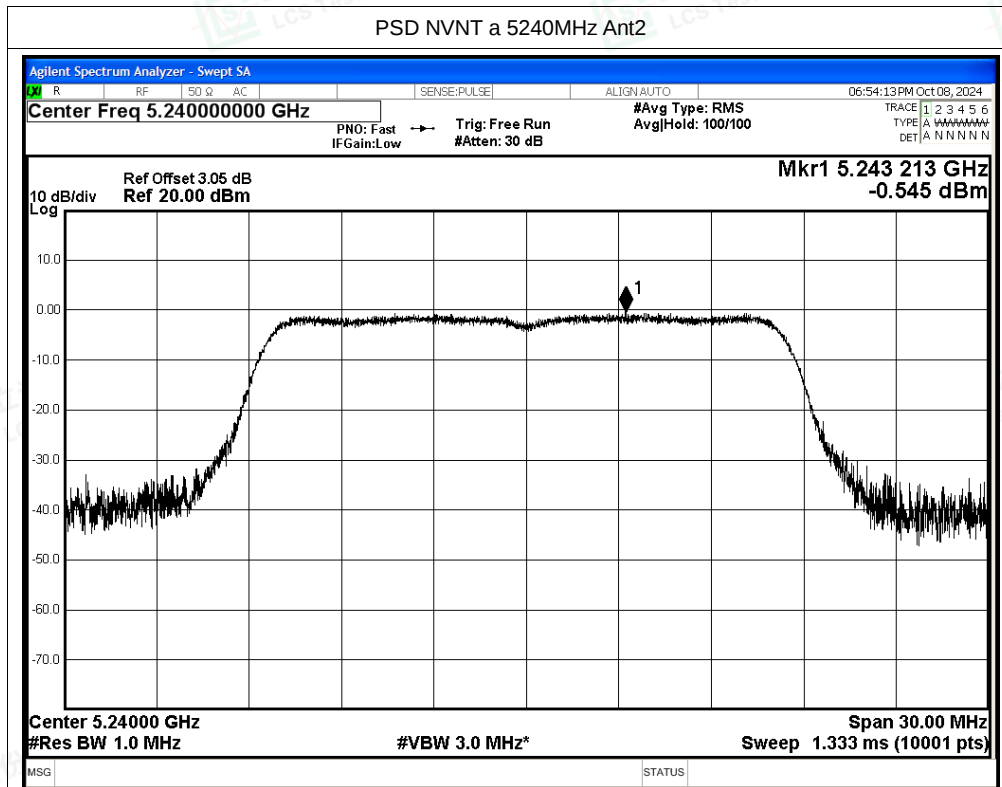
Test Graphs

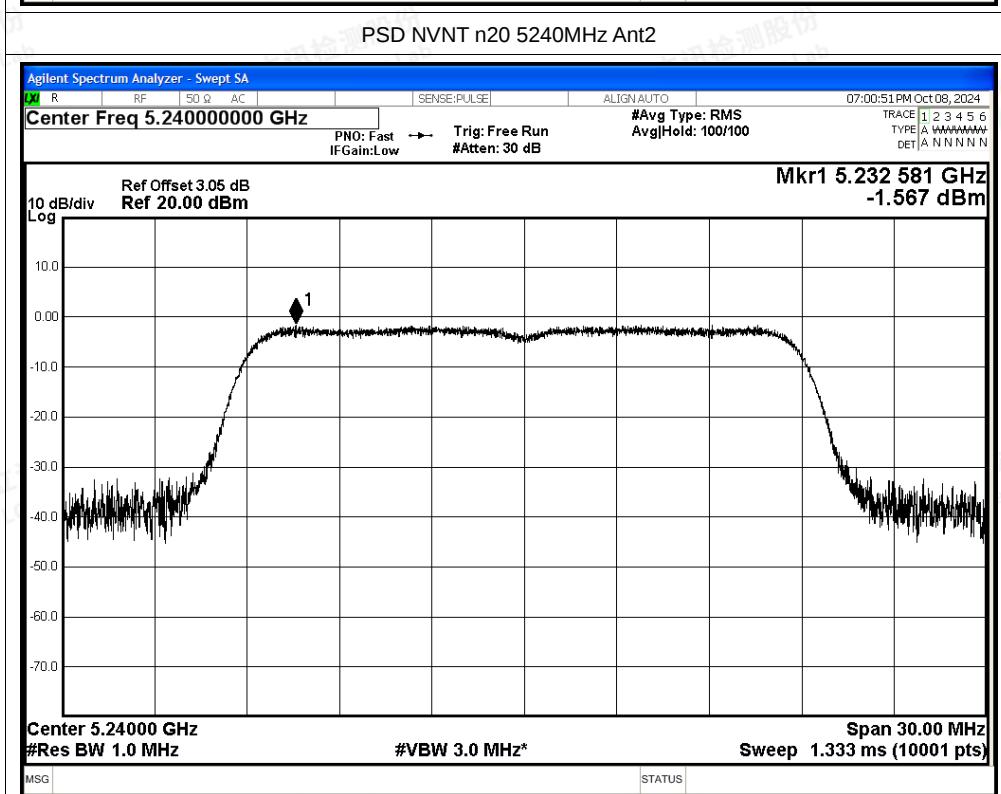
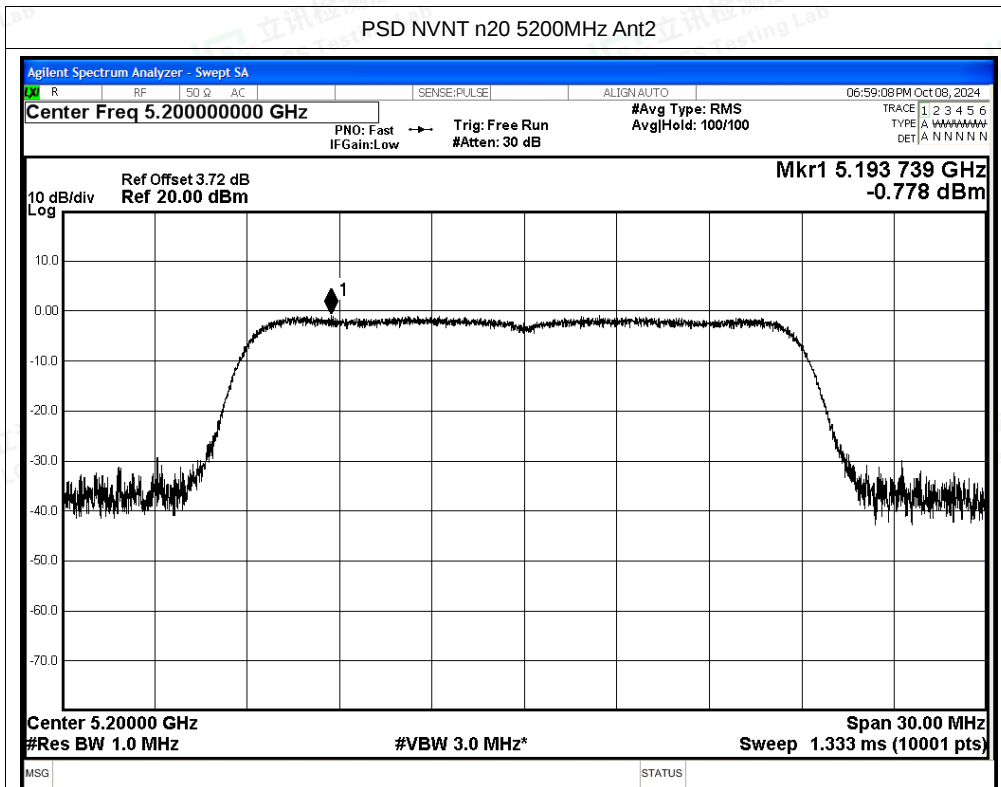
PSD NVNT a 5180MHz Ant2

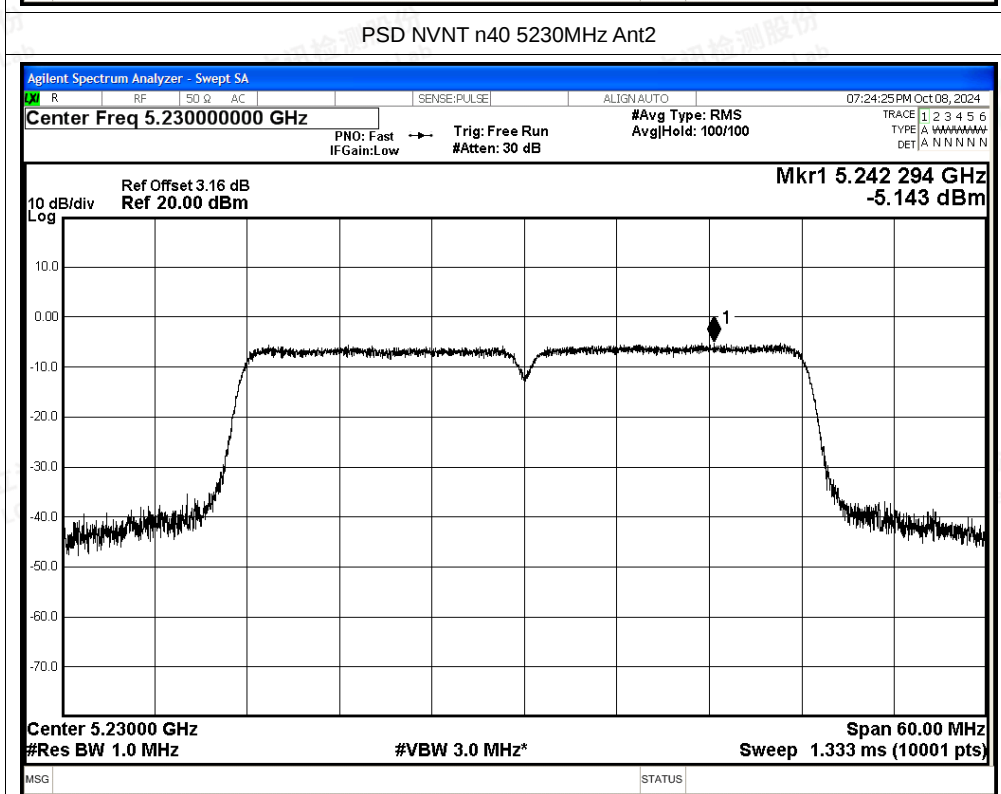
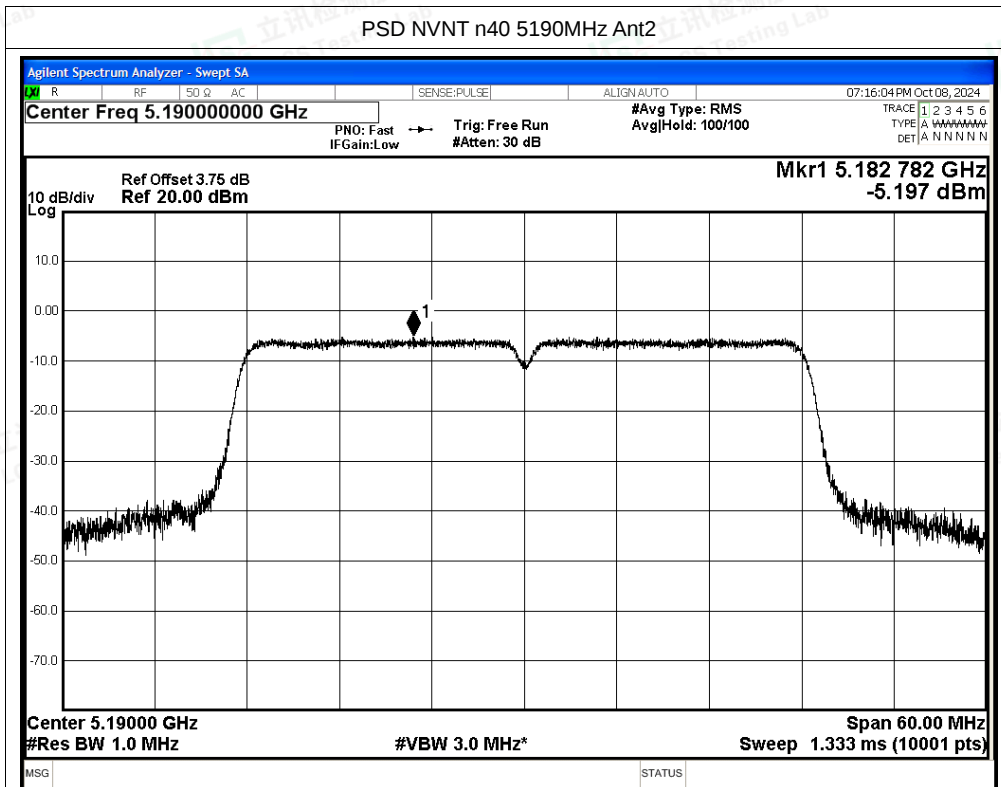


PSD NVNT a 5200MHz Ant2



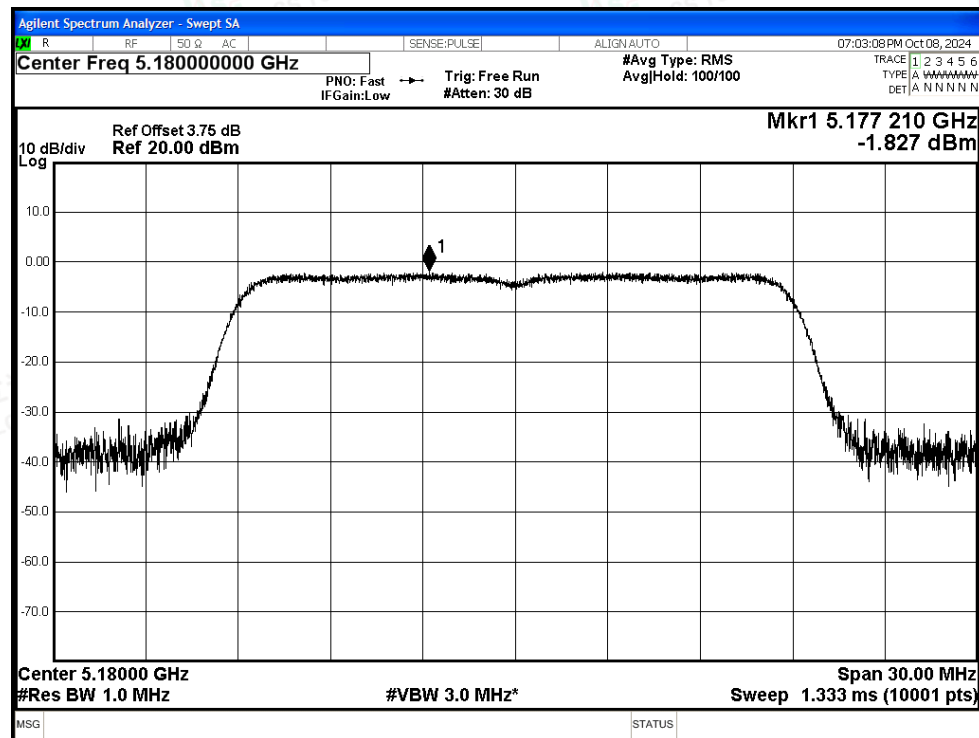




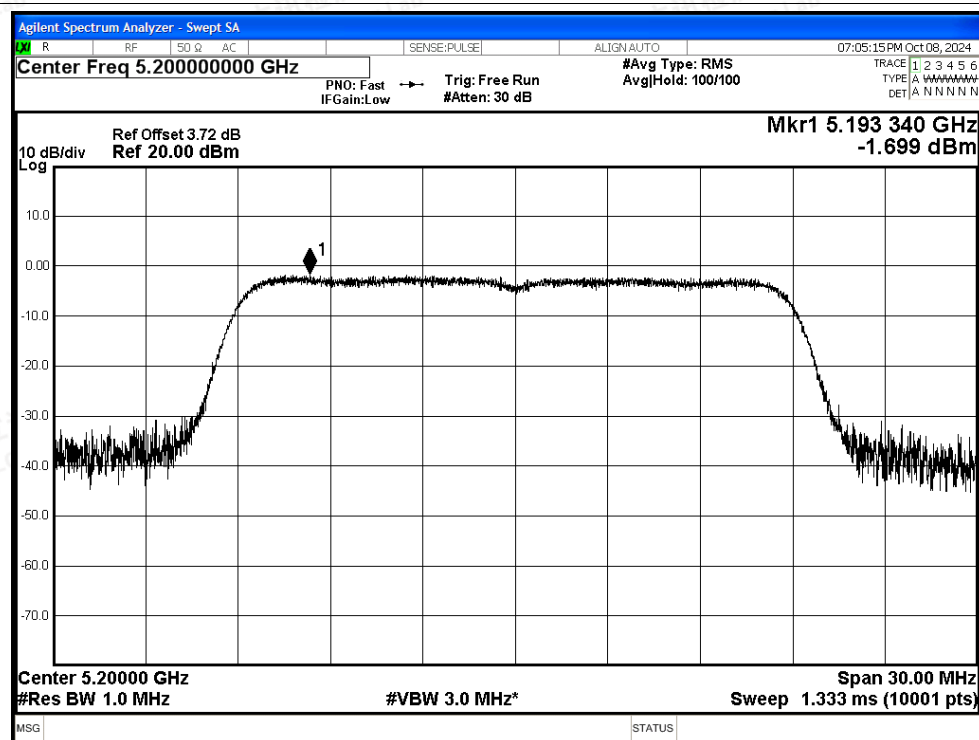


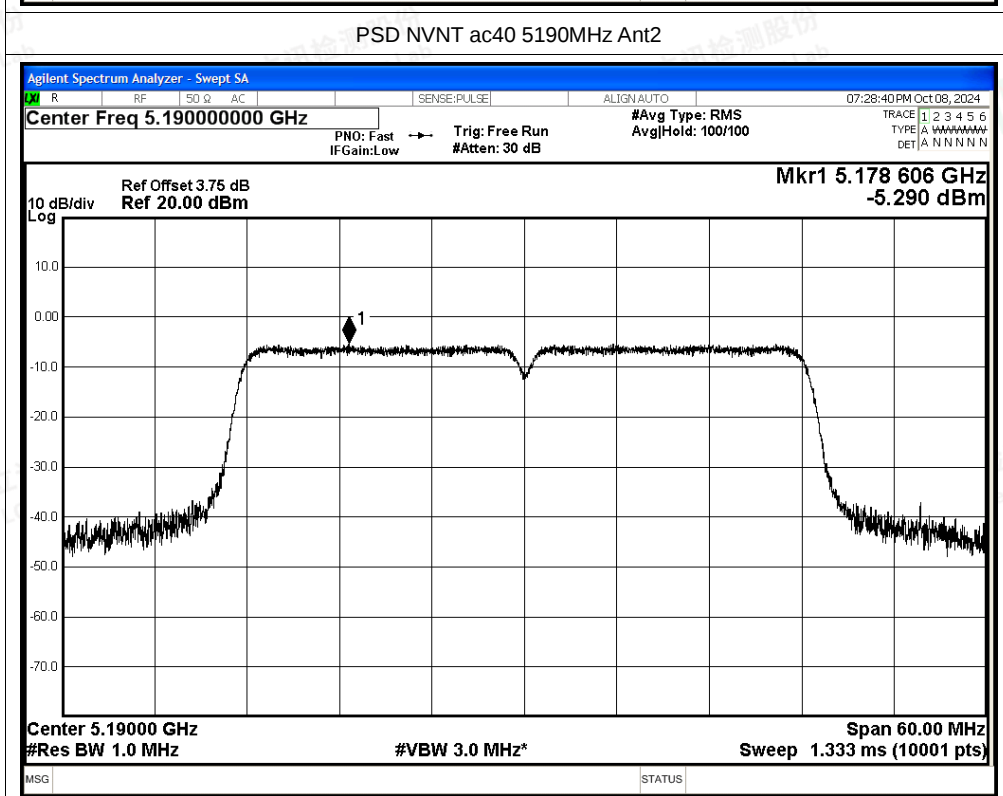
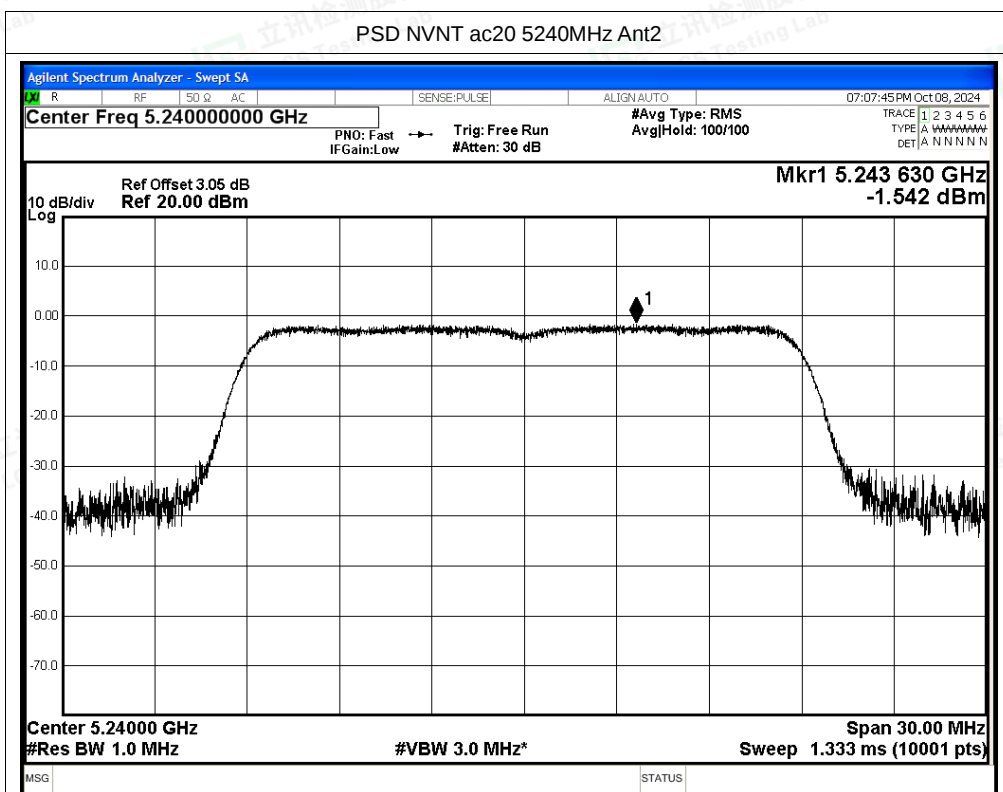


PSD NVNT ac20 5180MHz Ant2



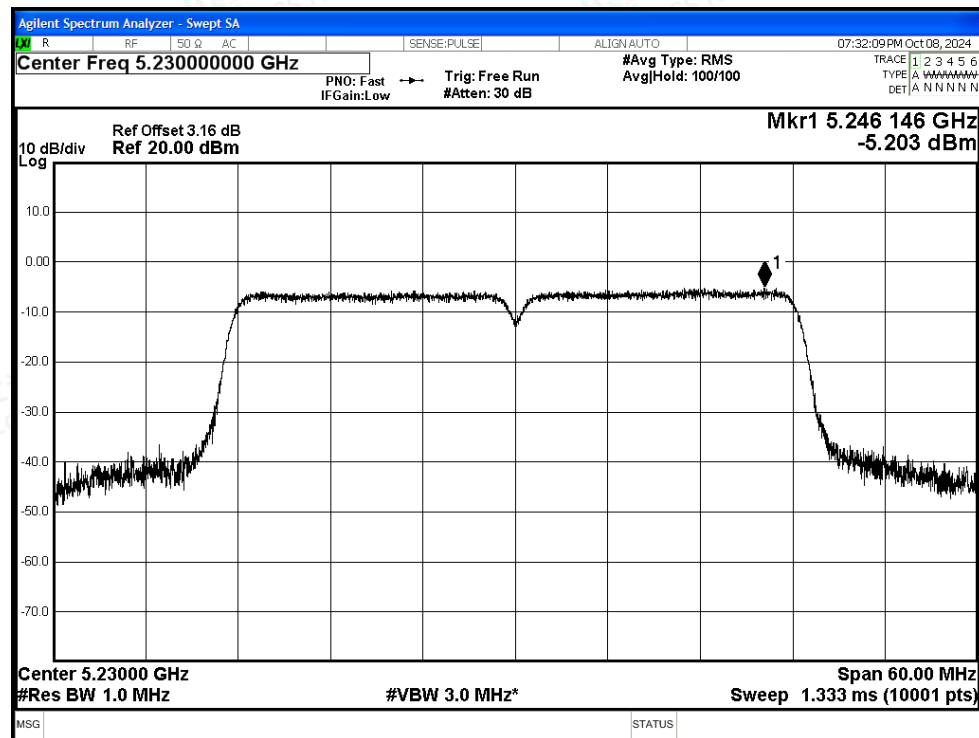
PSD NVNT ac20 5200MHz Ant2



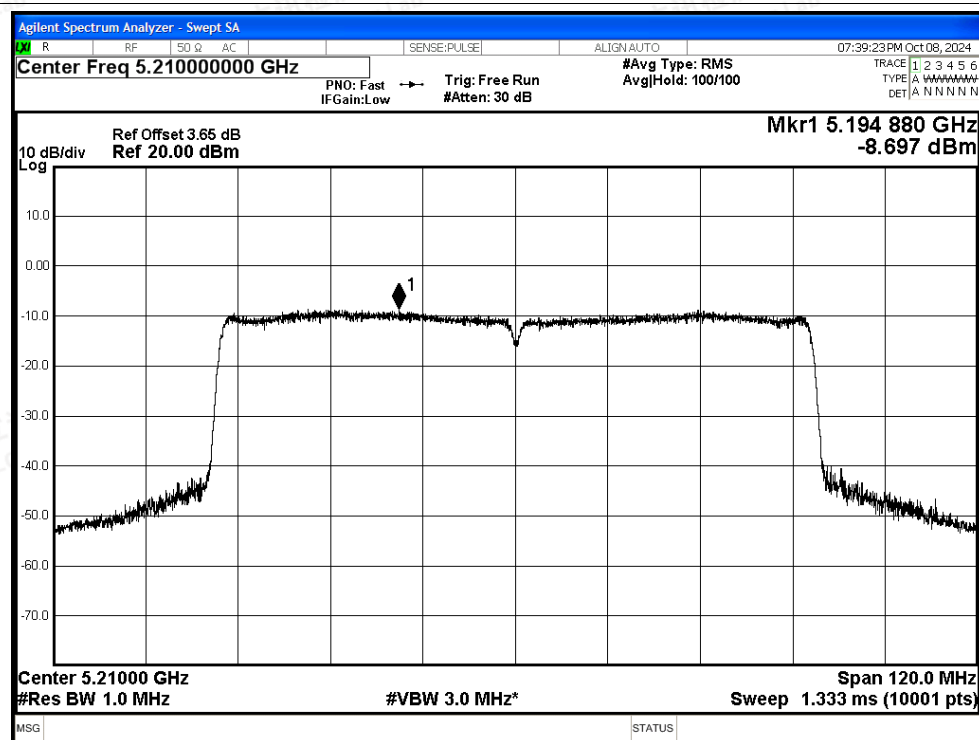




PSD NVNT ac40 5230MHz Ant2

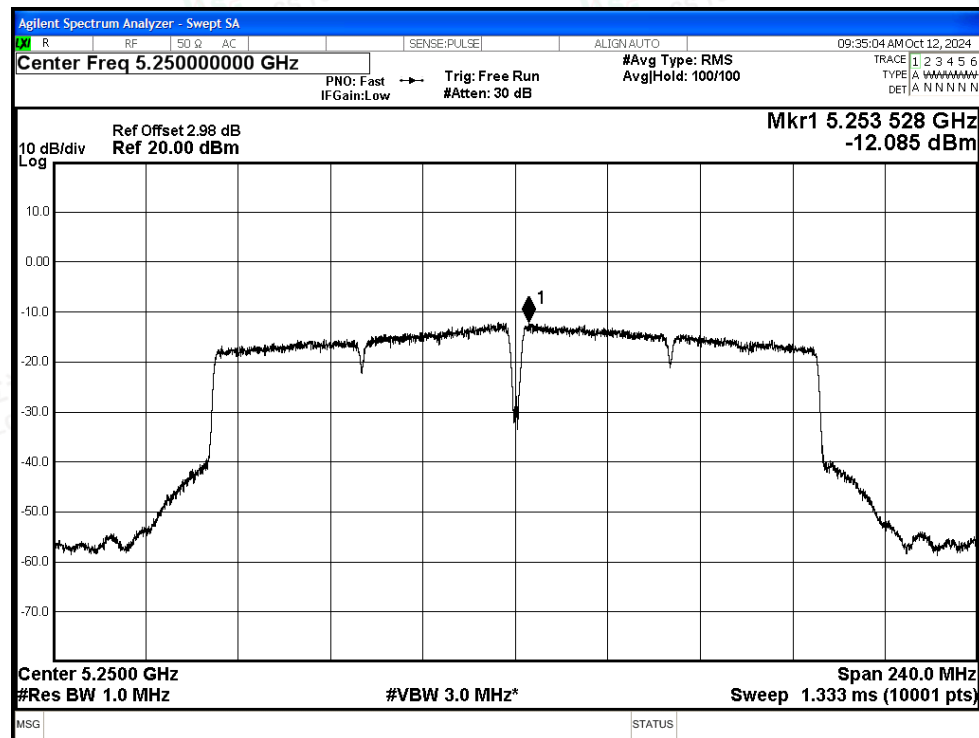


PSD NVNT ac80 5210MHz Ant2

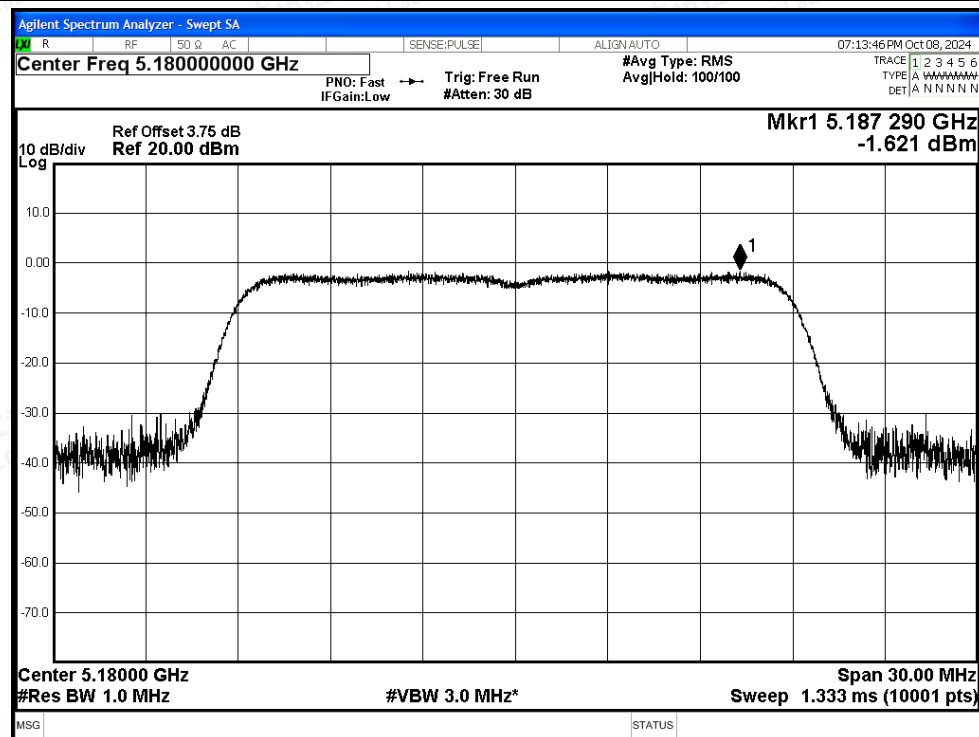


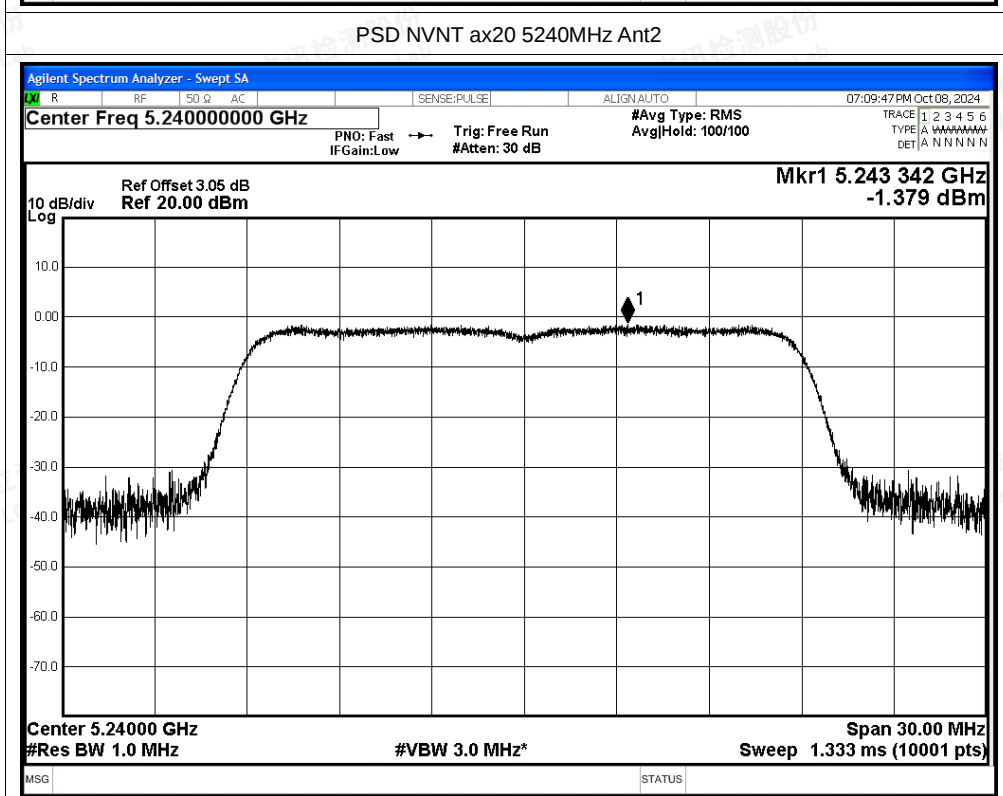
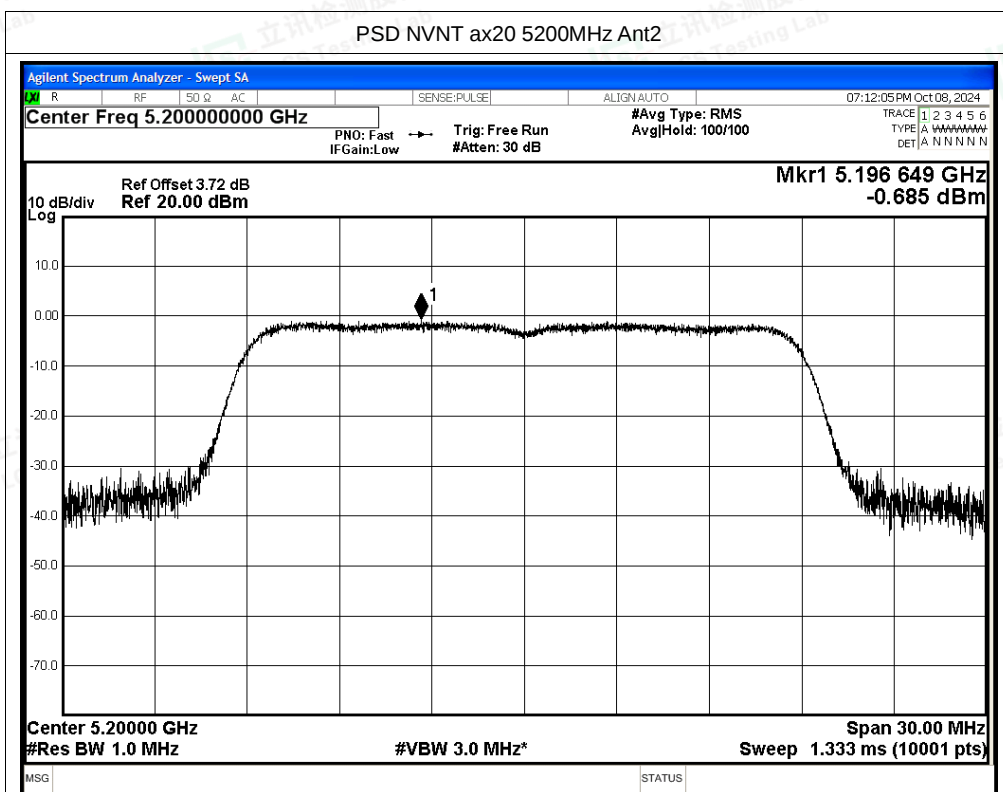


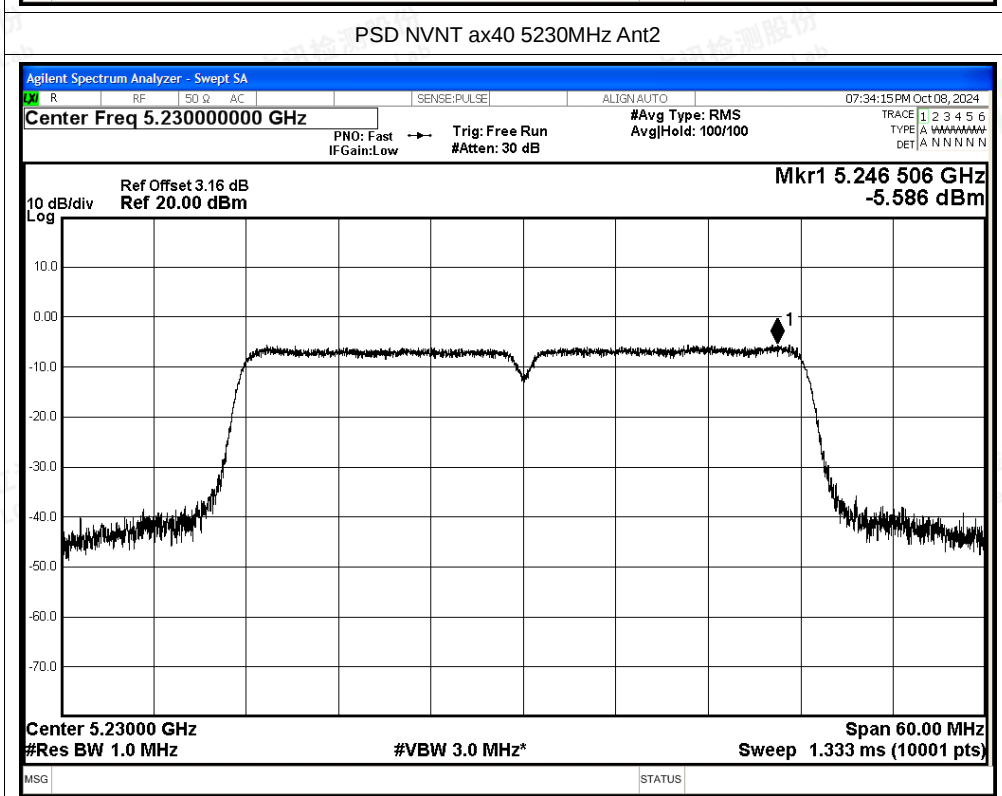
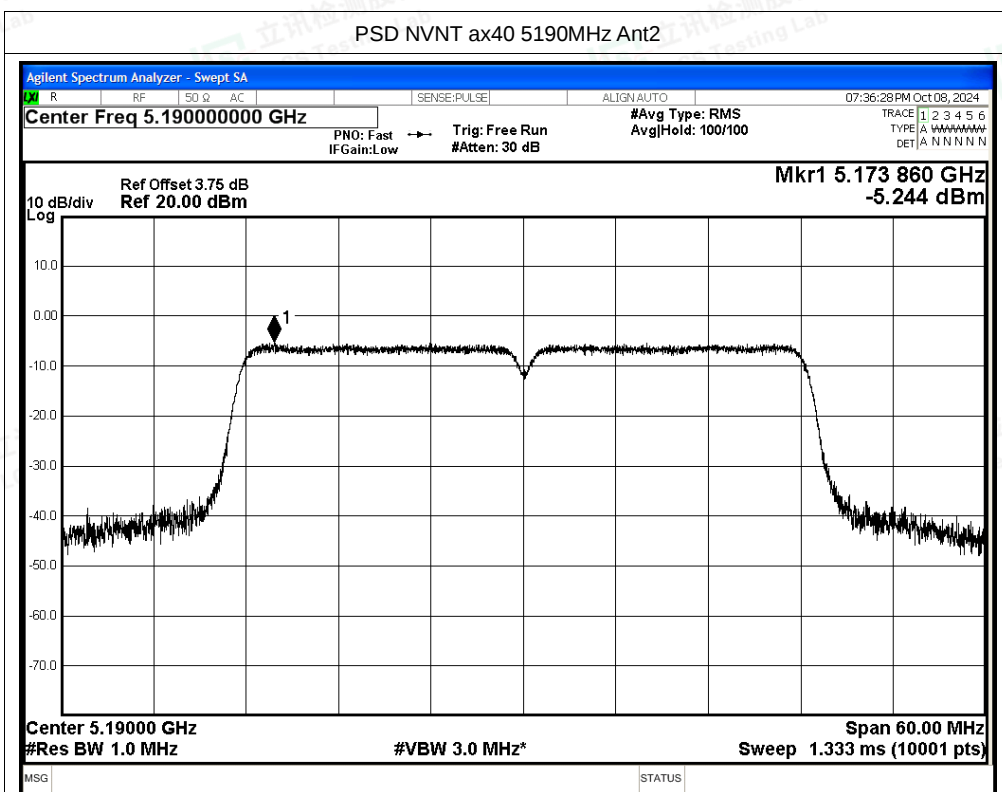
PSD NVNT ac160 5250MHz Ant2



PSD NVNT ax20 5180MHz Ant2



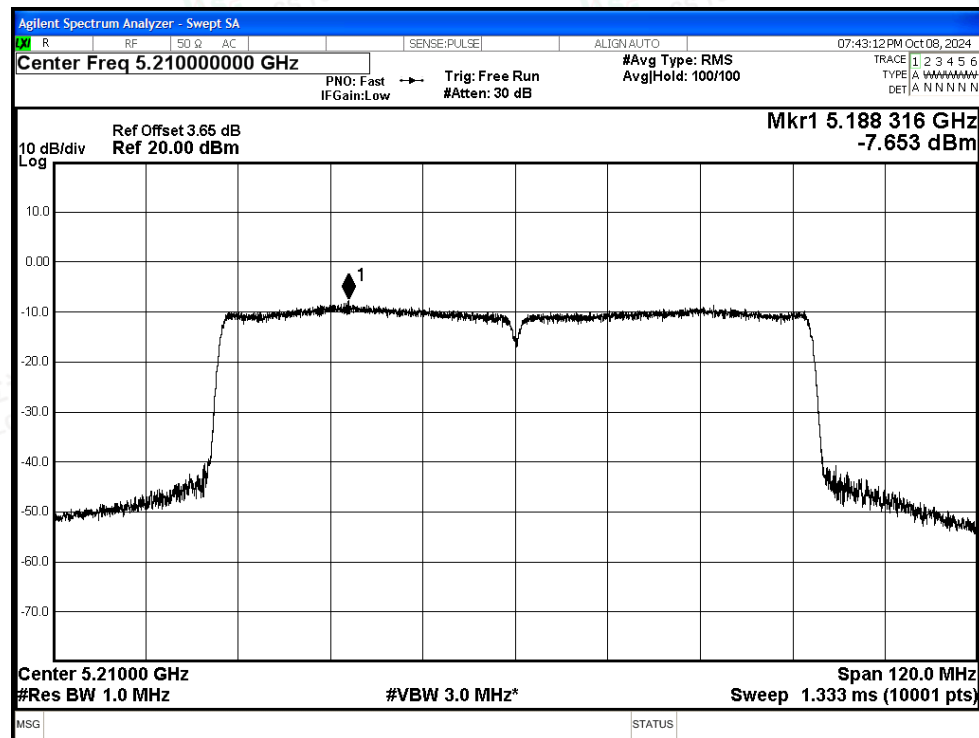




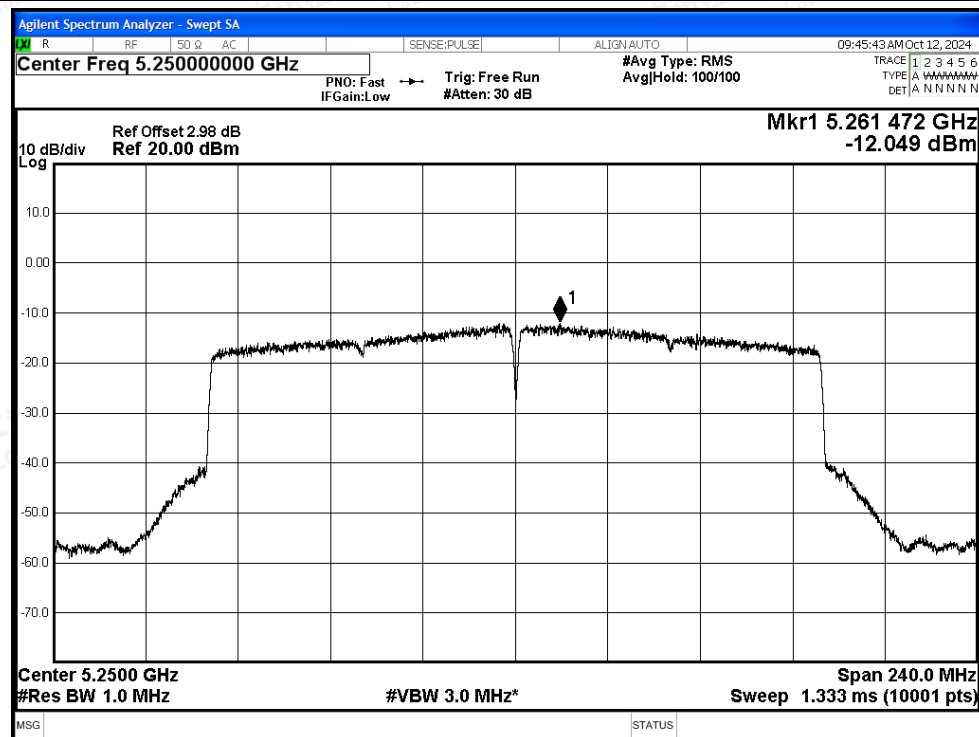
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B.4 Restrict Band

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	-50.36	3.09	-	47.96	Peak	68.2	Pass
NVNT	a	5180	Ant0	4500	-58.72	3.09	0.24	39.84	Average	54	Pass
NVNT	a	5180	Ant0	5149.6	-43.07	3.09	-	55.25	Peak	68.2	Pass
NVNT	a	5180	Ant0	5149.6	-53.77	3.09	0.24	44.79	Average	54	Pass
NVNT	a	5180	Ant0	5150	-43.56	3.09	-	54.76	Peak	68.2	Pass
NVNT	a	5180	Ant0	5150	-53.56	3.09	0.24	45	Average	54	Pass
NVNT	a	5240	Ant0	5350	-49.32	3.09	-	49	Peak	68.2	Pass
NVNT	a	5240	Ant0	5350	-57.04	3.09	0.24	41.52	Average	54	Pass
NVNT	a	5240	Ant0	5417.04	-47.24	3.09	-	51.08	Peak	68.2	Pass
NVNT	a	5240	Ant0	5350.56	-56.79	3.09	0.24	41.77	Average	54	Pass
NVNT	a	5240	Ant0	5460	-50.12	3.09	-	48.2	Peak	68.2	Pass
NVNT	a	5240	Ant0	5460	-58.13	3.09	0.24	40.43	Average	54	Pass
NVNT	n20	5180	Ant0	4500	-48.61	3.09	-	49.71	Peak	68.2	Pass
NVNT	n20	5180	Ant0	4500	-57.83	3.09	0.12	40.61	Average	54	Pass
NVNT	n20	5180	Ant0	5149.6	-43.32	3.09	-	55	Peak	68.2	Pass
NVNT	n20	5180	Ant0	5146.8	-54.75	3.09	0.12	43.69	Average	54	Pass
NVNT	n20	5180	Ant0	5150	-43.04	3.09	-	55.28	Peak	68.2	Pass
NVNT	n20	5180	Ant0	5150	-54.64	3.09	0.12	43.8	Average	54	Pass
NVNT	n20	5240	Ant0	5350	-49.79	3.09	-	48.53	Peak	68.2	Pass
NVNT	n20	5240	Ant0	5350	-57.04	3.09	0.12	41.4	Average	54	Pass
NVNT	n20	5240	Ant0	5350.8	-46.43	3.09	-	51.89	Peak	68.2	Pass
NVNT	n20	5240	Ant0	5375.28	-57	3.09	0.12	41.44	Average	54	Pass
NVNT	n20	5240	Ant0	5460	-49.62	3.09	-	48.7	Peak	68.2	Pass
NVNT	n20	5240	Ant0	5460	-58.54	3.09	0.12	39.9	Average	54	Pass
NVNT	n40	5190	Ant0	4500	-49.98	3.09	-	48.34	Peak	68.2	Pass
NVNT	n40	5190	Ant0	4500	-58.4	3.09	0.12	40.04	Average	54	Pass
NVNT	n40	5190	Ant0	5148.24	-44.69	3.09	-	53.63	Peak	68.2	Pass
NVNT	n40	5190	Ant0	5149.7	-55.31	3.09	0.12	43.13	Average	54	Pass
NVNT	n40	5190	Ant0	5150	-44.69	3.09	-	53.63	Peak	68.2	Pass
NVNT	n40	5190	Ant0	5150	-55.32	3.09	0.12	43.12	Average	54	Pass
NVNT	n40	5230	Ant0	5350	-48.52	3.09	-	49.8	Peak	68.2	Pass
NVNT	n40	5230	Ant0	5350	-57.82	3.09	0.12	40.62	Average	54	Pass
NVNT	n40	5230	Ant0	5438.4	-46.99	3.09	-	51.33	Peak	68.2	Pass
NVNT	n40	5230	Ant0	5390.61	-57	3.09	0.12	41.44	Average	54	Pass
NVNT	n40	5230	Ant0	5460	-51.66	3.09	-	46.66	Peak	68.2	Pass



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NVNT	n40	5230	Ant0	5460	-57.94	3.09	0.12	40.5	Average	54	Pass
NVNT	ac20	5180	Ant0	4500	-49.58	3.09	-	48.74	Peak	68.2	Pass
NVNT	ac20	5180	Ant0	4500	-58.47	3.09	0.12	39.97	Average	54	Pass
NVNT	ac20	5180	Ant0	5148.9	-44.6	3.09	-	53.72	Peak	68.2	Pass
NVNT	ac20	5180	Ant0	5148.9	-55.81	3.09	0.12	42.63	Average	54	Pass
NVNT	ac20	5180	Ant0	5150	-47.94	3.09	-	50.38	Peak	68.2	Pass
NVNT	ac20	5180	Ant0	5150	-55.31	3.09	0.12	43.13	Average	54	Pass
NVNT	ac20	5240	Ant0	5350	-49.85	3.09	-	48.47	Peak	68.2	Pass
NVNT	ac20	5240	Ant0	5350	-57.56	3.09	0.12	40.88	Average	54	Pass
NVNT	ac20	5240	Ant0	5410.08	-46.59	3.09	-	51.73	Peak	68.2	Pass
NVNT	ac20	5240	Ant0	5350.8	-56.68	3.09	0.12	41.76	Average	54	Pass
NVNT	ac20	5240	Ant0	5460	-50.28	3.09	-	48.04	Peak	68.2	Pass
NVNT	ac20	5240	Ant0	5460	-58.43	3.09	0.12	40.01	Average	54	Pass
NVNT	ac40	5190	Ant0	4500	-49.73	3.09	-	48.59	Peak	68.2	Pass
NVNT	ac40	5190	Ant0	4500	-58.32	3.09	0.12	40.12	Average	54	Pass
NVNT	ac40	5190	Ant0	5148.24	-45.71	3.09	-	52.61	Peak	68.2	Pass
NVNT	ac40	5190	Ant0	5148.97	-54.77	3.09	0.12	43.67	Average	54	Pass
NVNT	ac40	5190	Ant0	5150	-47.58	3.09	-	50.74	Peak	68.2	Pass
NVNT	ac40	5190	Ant0	5150	-55.73	3.09	0.12	42.71	Average	54	Pass
NVNT	ac40	5230	Ant0	5350	-48.31	3.09	-	50.01	Peak	68.2	Pass
NVNT	ac40	5230	Ant0	5350	-57.6	3.09	0.12	40.84	Average	54	Pass
NVNT	ac40	5230	Ant0	5351.19	-46.97	3.09	-	51.35	Peak	68.2	Pass
NVNT	ac40	5230	Ant0	5366.58	-57.12	3.09	0.12	41.32	Average	54	Pass
NVNT	ac40	5230	Ant0	5460	-50.2	3.09	-	48.12	Peak	68.2	Pass
NVNT	ac40	5230	Ant0	5460	-58.09	3.09	0.12	40.35	Average	54	Pass
NVNT	ac80	5210	Ant0	5350	-49.13	3.09	-	49.19	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5350	-57.36	3.09	0.25	41.21	Average	54	Pass
NVNT	ac80	5210	Ant0	5435.25	-46.3	3.09	-	52.02	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5356.71	-56.61	3.09	0.25	41.96	Average	54	Pass
NVNT	ac80	5210	Ant0	5460	-48.45	3.09	-	49.87	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5460	-57.54	3.09	0.25	41.03	Average	54	Pass
NVNT	ac80	5210	Ant0	4500	-51.31	3.09	-	47.01	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	4500	-58.47	3.09	0.25	40.1	Average	54	Pass
NVNT	ac80	5210	Ant0	5148.59	-45.76	3.09	-	52.56	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5147.01	-55.09	3.09	0.25	43.48	Average	54	Pass
NVNT	ac80	5210	Ant0	5150	-45.31	3.09	-	53.01	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5150	-55.17	3.09	0.25	43.4	Average	54	Pass
NVNT	ac160	5250	Ant0	5350	-49.65	3.09	-	48.67	Peak	68.2	Pass
NVNT	ac160	5250	Ant0	5350	-57.64	3.09	0.4	41.08	Average	54	Pass
NVNT	ac160	5250	Ant0	5354.18	-45	3.09	-	53.32	Peak	68.2	Pass



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NVNT	ac160	5250	Ant0	5356.4	-54.99	3.09	0.4	43.73	Average	54	Pass
NVNT	ac160	5250	Ant0	5460	-56.16	3.09	-	42.16	Peak	68.2	Pass
NVNT	ac160	5250	Ant0	5460	-63.87	3.09	0.4	34.85	Average	54	Pass
NVNT	ac160	5250	Ant0	4500	-60.42	3.09	-	37.90	Peak	68.2	Pass
NVNT	ac160	5250	Ant0	4500	-69.29	3.09	0.4	29.43	Average	54	Pass
NVNT	ac160	5250	Ant0	5145.19	-47.39	3.09	-	50.93	Peak	68.2	Pass
NVNT	ac160	5250	Ant0	4874.01	-54.08	3.09	0.4	44.64	Average	54	Pass
NVNT	ac160	5250	Ant0	5150	-51.51	3.09	-	46.81	Peak	68.2	Pass
NVNT	ac160	5250	Ant0	5150	-58.59	3.09	0.4	40.13	Average	54	Pass
NVNT	ax20	5180	Ant0	4500	-49.42	3.09	-	48.9	Peak	68.2	Pass
NVNT	ax20	5180	Ant0	4500	-58.27	3.09	0.12	40.17	Average	54	Pass
NVNT	ax20	5180	Ant0	4998.4	-45.32	3.09	-	53	Peak	68.2	Pass
NVNT	ax20	5180	Ant0	5149.6	-55.85	3.09	0.12	42.59	Average	54	Pass
NVNT	ax20	5180	Ant0	5150	-46.68	3.09	-	51.64	Peak	68.2	Pass
NVNT	ax20	5180	Ant0	5150	-55.93	3.09	0.12	42.51	Average	54	Pass
NVNT	ax20	5240	Ant0	5350	-50.31	3.09	-	48.01	Peak	68.2	Pass
NVNT	ax20	5240	Ant0	5350	-57.11	3.09	0.12	41.33	Average	54	Pass
NVNT	ax20	5240	Ant0	5361.12	-46.98	3.09	-	51.34	Peak	68.2	Pass
NVNT	ax20	5240	Ant0	5362.08	-56.67	3.09	0.12	41.77	Average	54	Pass
NVNT	ax20	5240	Ant0	5460	-50.19	3.09	-	48.13	Peak	68.2	Pass
NVNT	ax20	5240	Ant0	5460	-58.54	3.09	0.12	39.9	Average	54	Pass
NVNT	ax40	5190	Ant0	4500	-50.45	3.09	-	47.87	Peak	68.2	Pass
NVNT	ax40	5190	Ant0	4500	-58.64	3.09	0.12	39.8	Average	54	Pass
NVNT	ax40	5190	Ant0	5119.77	-46.1	3.09	-	52.22	Peak	68.2	Pass
NVNT	ax40	5190	Ant0	5148.24	-55.17	3.09	0.12	43.27	Average	54	Pass
NVNT	ax40	5190	Ant0	5150	-48.6	3.09	-	49.72	Peak	68.2	Pass
NVNT	ax40	5190	Ant0	5150	-55.26	3.09	0.12	43.18	Average	54	Pass
NVNT	ax40	5230	Ant0	5350	-49.83	3.09	-	48.49	Peak	68.2	Pass
NVNT	ax40	5230	Ant0	5350	-57.46	3.09	0.12	40.98	Average	54	Pass
NVNT	ax40	5230	Ant0	5379.81	-46.7	3.09	-	51.62	Peak	68.2	Pass
NVNT	ax40	5230	Ant0	5402.49	-56.96	3.09	0.12	41.48	Average	54	Pass
NVNT	ax40	5230	Ant0	5460	-49.66	3.09	-	48.66	Peak	68.2	Pass
NVNT	ax40	5230	Ant0	5460	-58.17	3.09	0.12	40.27	Average	54	Pass
NVNT	ax80	5210	Ant0	5350	-50.29	3.09	-	48.03	Peak	68.2	Pass
NVNT	ax80	5210	Ant0	5350	-56.65	3.09	0.25	41.92	Average	54	Pass
NVNT	ax80	5210	Ant0	5352.42	-46.38	3.09	-	51.94	Peak	68.2	Pass
NVNT	ax80	5210	Ant0	5353.74	-56.03	3.09	0.25	42.54	Average	54	Pass
NVNT	ax80	5210	Ant0	5460	-48.61	3.09	-	49.71	Peak	68.2	Pass
NVNT	ax80	5210	Ant0	5460	-57.37	3.09	0.25	41.2	Average	54	Pass
NVNT	ax80	5210	Ant0	4500	-50.16	3.09	-	48.16	Peak	68.2	Pass



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NVNT	ax80	5210	Ant0	4500	-58.45	3.09	0.25	40.12	Average	54	Pass
NVNT	ax80	5210	Ant0	5149.38	-43.12	3.09	-	55.2	Peak	68.2	Pass
NVNT	ax80	5210	Ant0	5148.59	-53.67	3.09	0.25	44.9	Average	54	Pass
NVNT	ax80	5210	Ant0	5150	-43.36	3.09	-	54.96	Peak	68.2	Pass
NVNT	ax80	5210	Ant0	5150	-53.69	3.09	0.25	44.88	Average	54	Pass
NVNT	ax160	5250	Ant0	5350	-47.92	3.09	-	50.40	Peak	68.2	Pass
NVNT	ax160	5250	Ant0	5350	-57.82	3.09	0.5	41.00	Average	54	Pass
NVNT	ax160	5250	Ant0	5354.92	-47.63	3.09	-	50.69	Peak	68.2	Pass
NVNT	ax160	5250	Ant0	5356.03	-55.82	3.09	0.5	43.00	Average	54	Pass
NVNT	ax160	5250	Ant0	5460	-54.37	3.09	-	43.95	Peak	68.2	Pass
NVNT	ax160	5250	Ant0	5460	-63.45	3.09	0.5	35.37	Average	54	Pass
NVNT	ax160	5250	Ant0	4500	-60.28	3.09	-	38.04	Peak	68.2	Pass
NVNT	ax160	5250	Ant0	4500	-68.93	3.09	0.5	29.89	Average	54	Pass
NVNT	ax160	5250	Ant0	5145.19	-46.42	3.09	-	51.90	Peak	68.2	Pass
NVNT	ax160	5250	Ant0	4874.01	-55.63	3.09	0.5	43.19	Average	54	Pass
NVNT	ax160	5250	Ant0	5150	-49.5	3.09	-	48.82	Peak	68.2	Pass
NVNT	ax160	5250	Ant0	5150	-57.64	3.09	0.5	41.18	Average	54	Pass

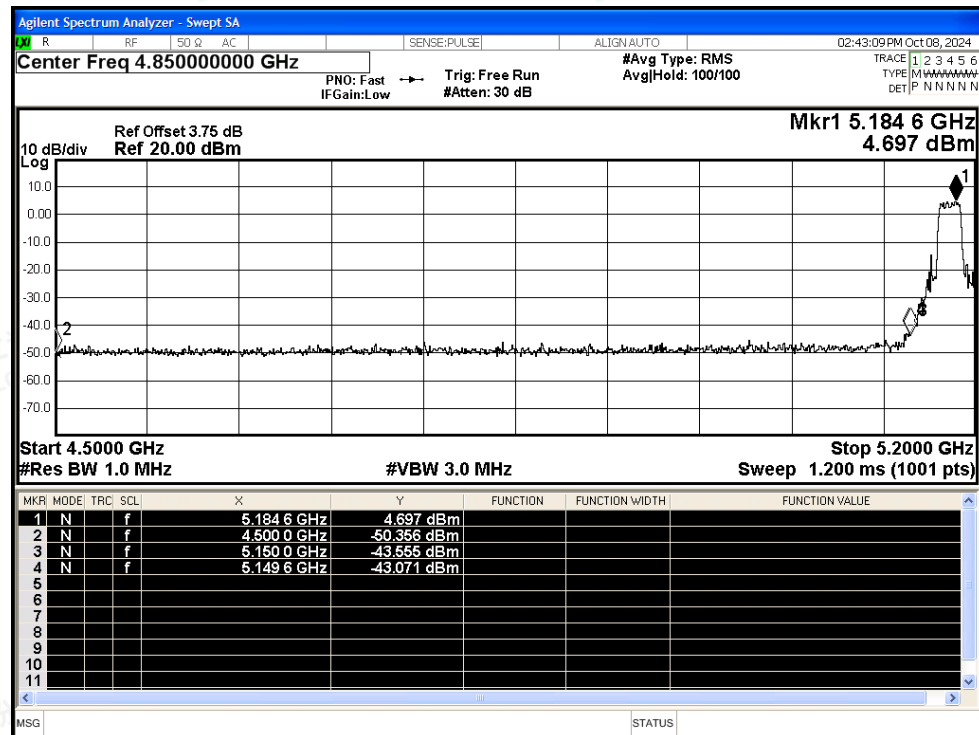


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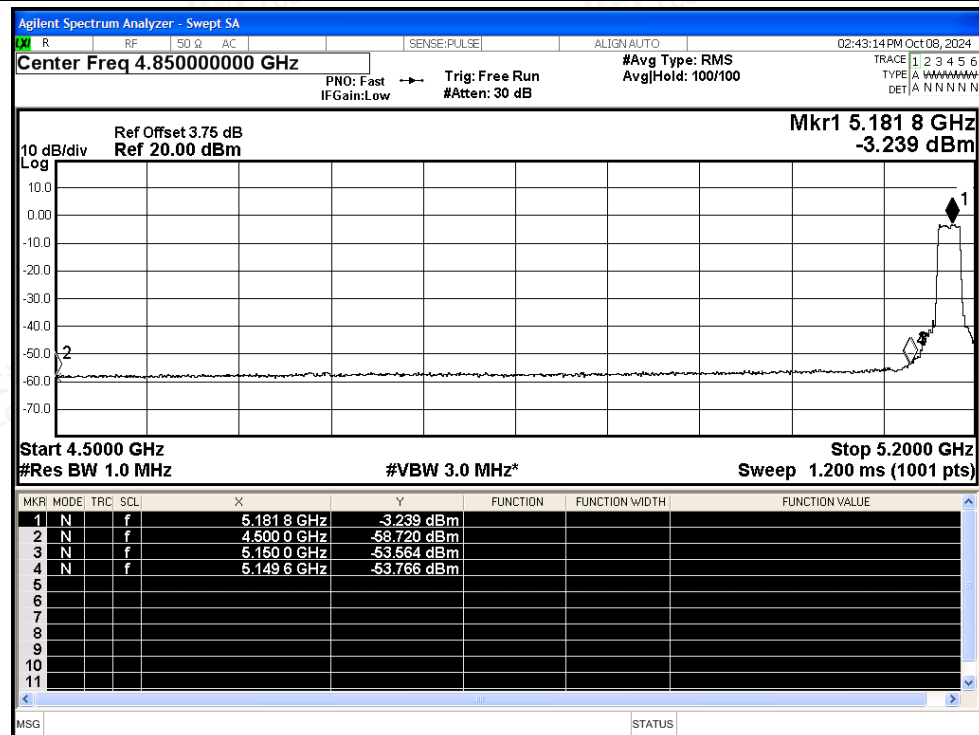


Test Graphs

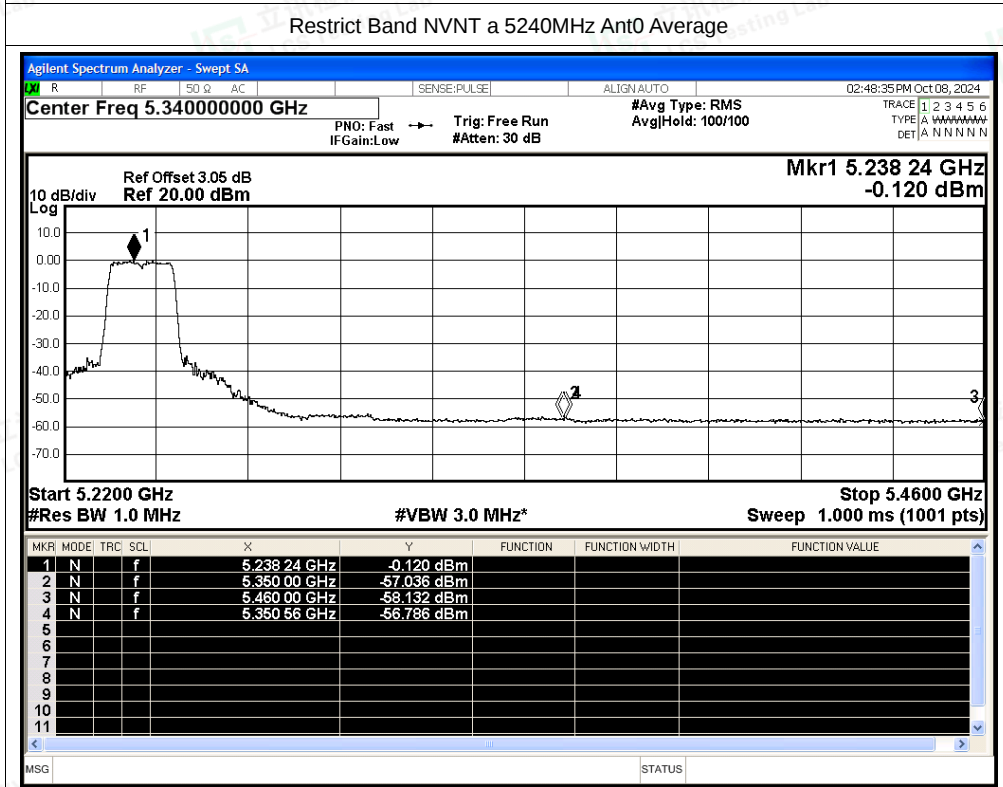
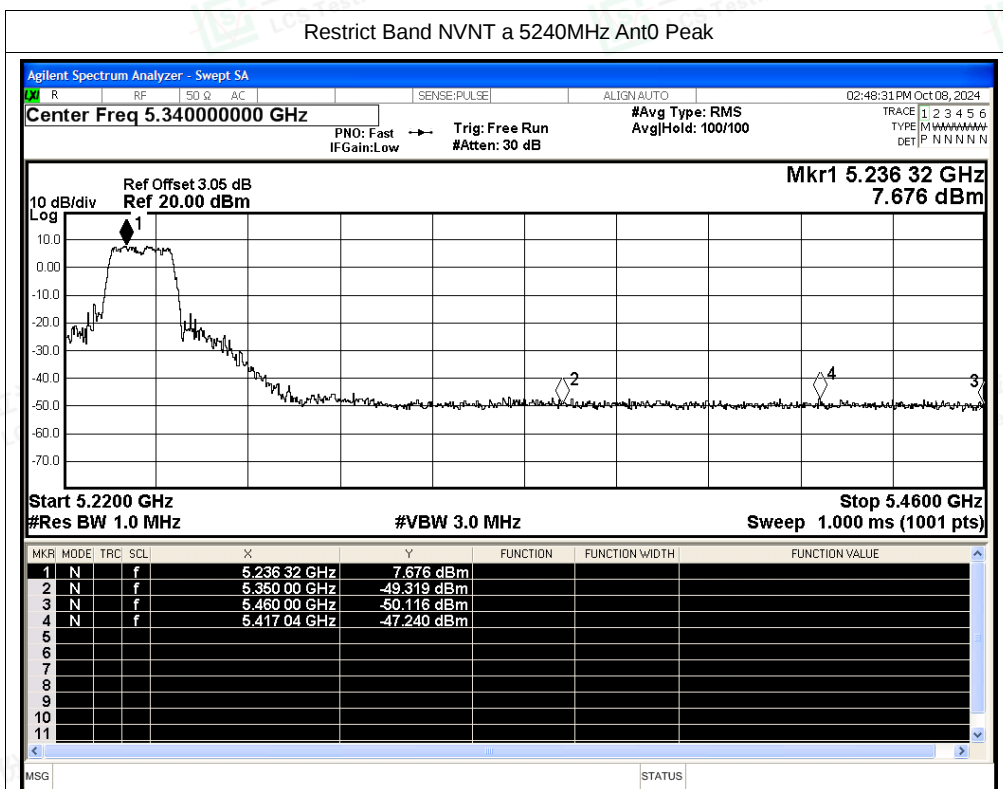
Restrict Band NVNT a 5180MHz Ant0 Peak

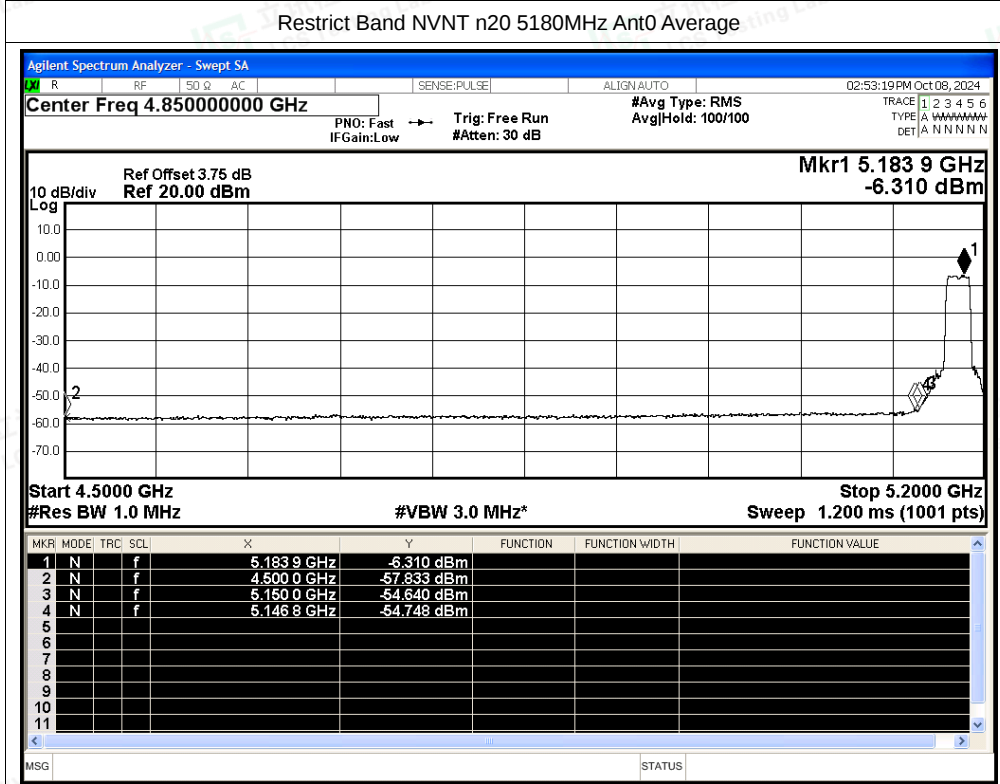
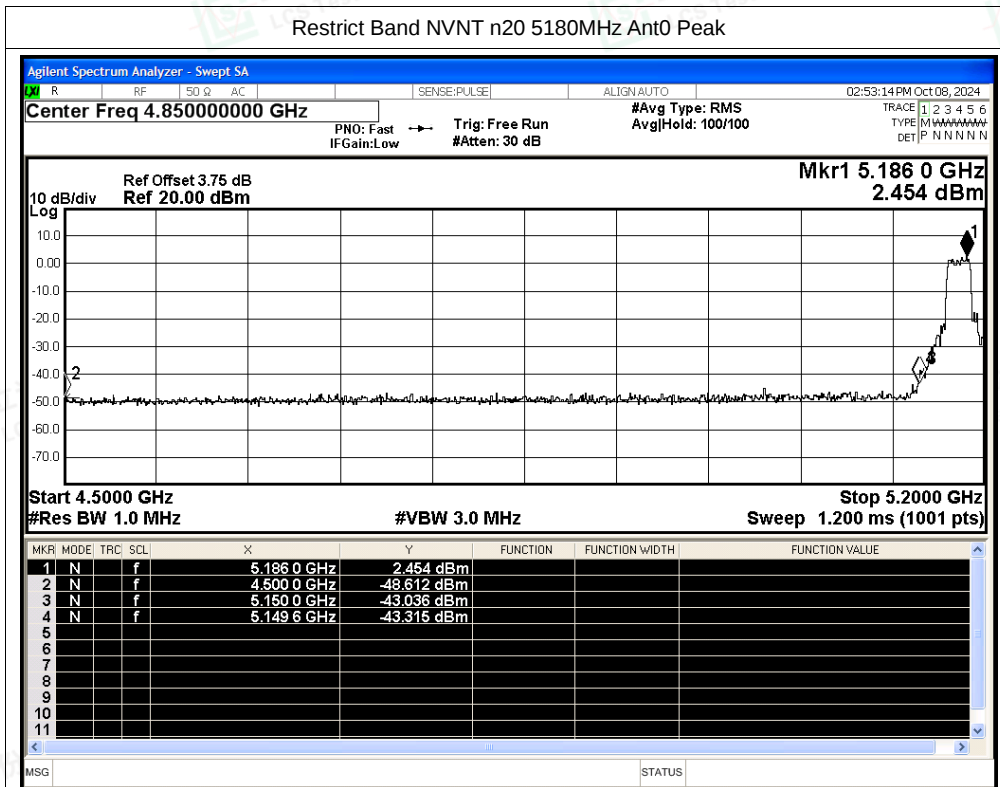


Restrict Band NVNT a 5180MHz Ant0 Average



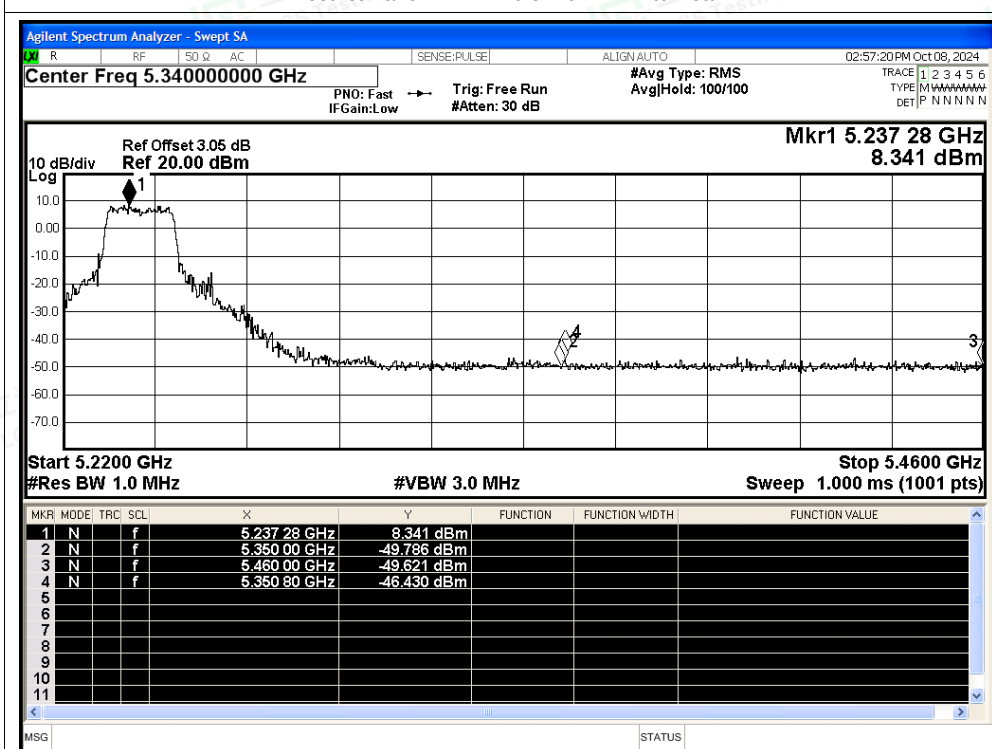
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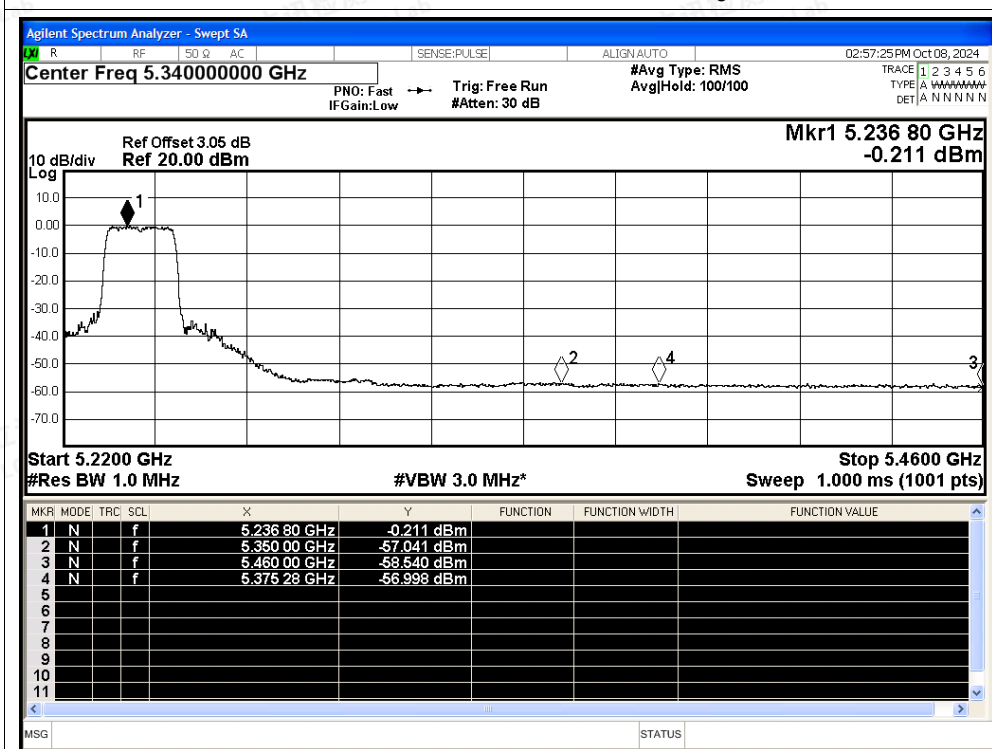




Restrict Band NVNT n20 5240MHz Ant0 Peak



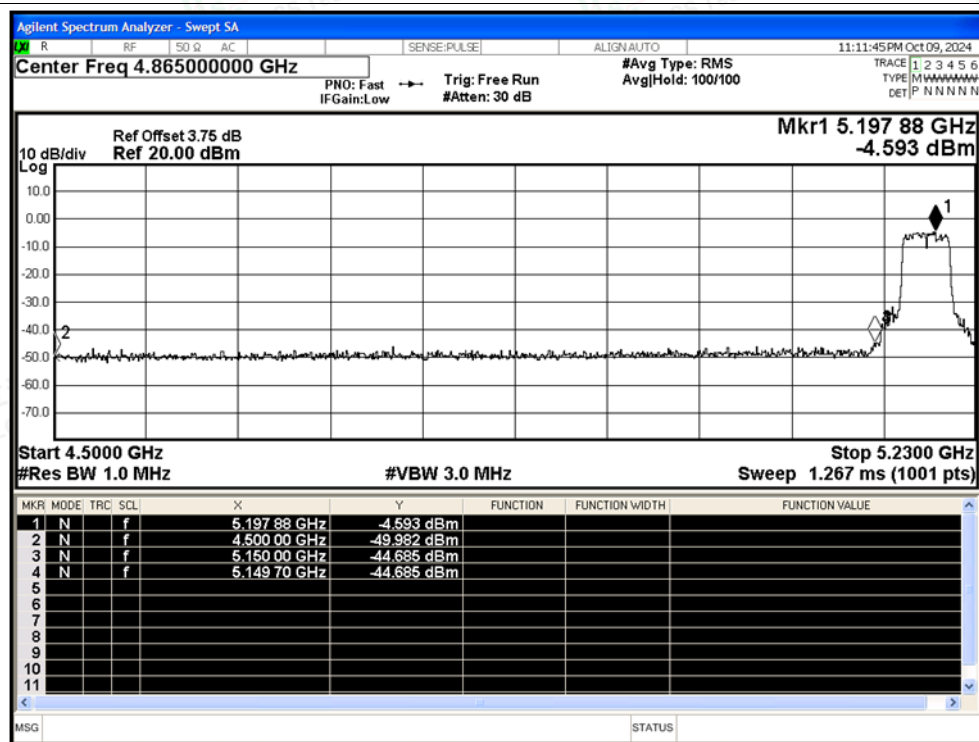
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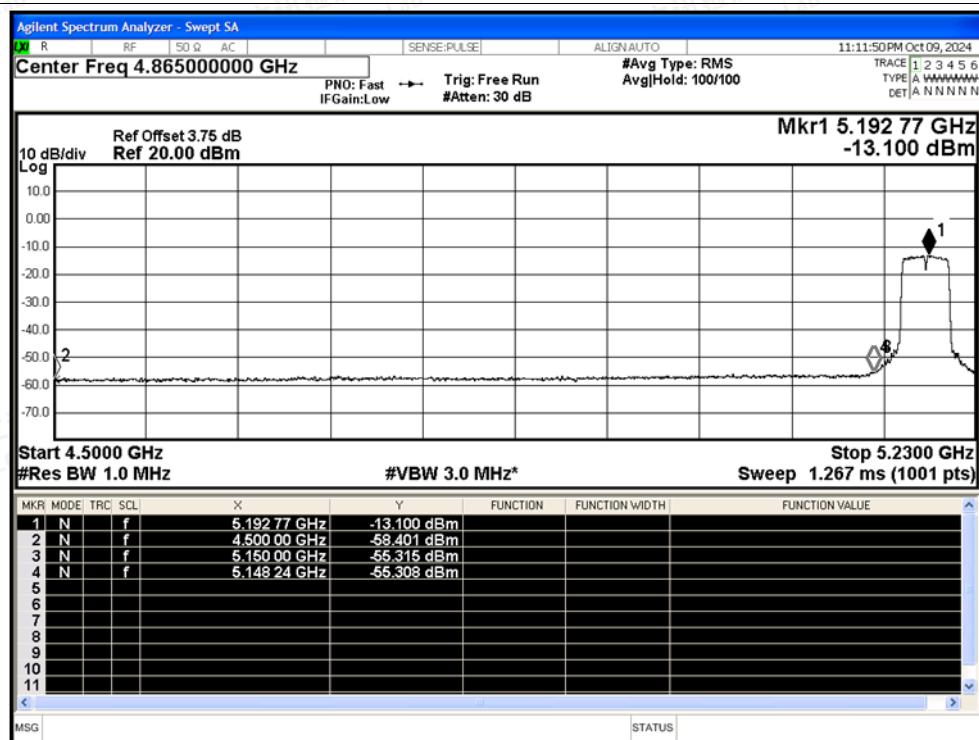
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Restrict Band NVNT n40 5190MHz Ant0 Peak

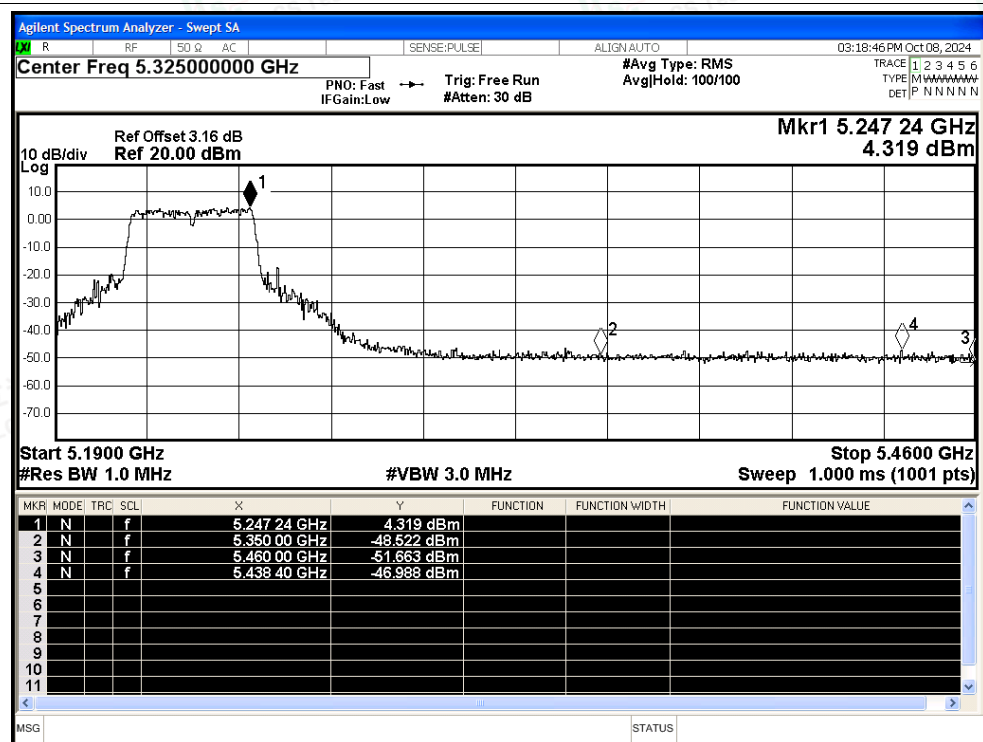


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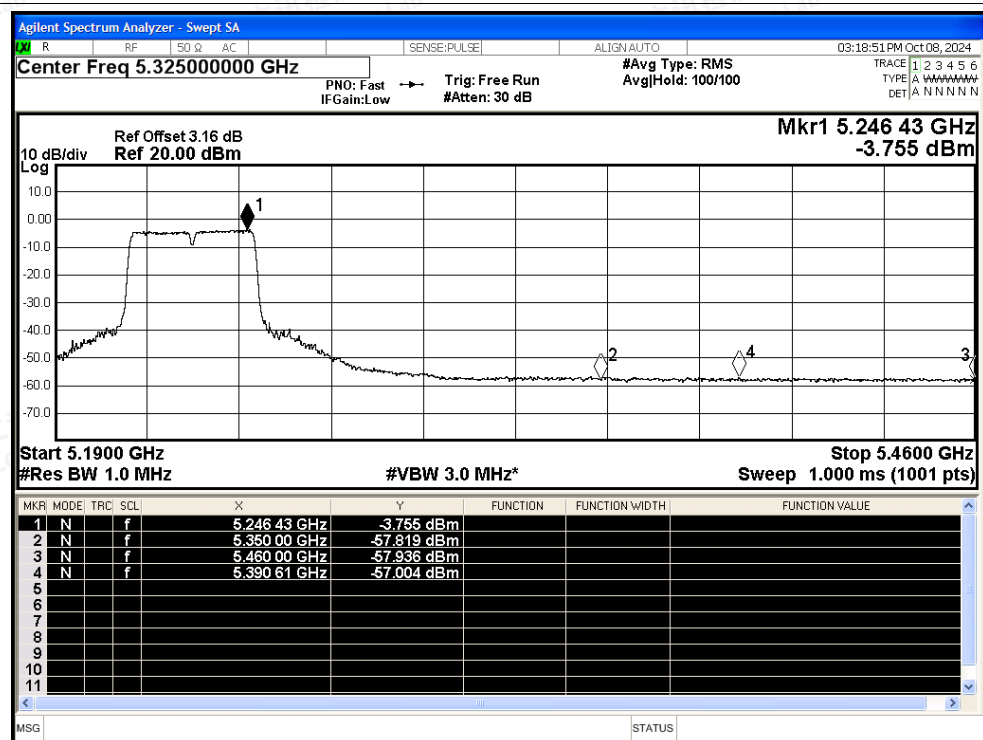




Restrict Band NVNT n40 5230MHz Ant0 Peak



Restrict Band NVNT n40 5230MHz Ant0 Average



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