



## Appendix D

### RF Test Data for 5.5G WIFI (Conducted Measurement)

Product Name: Wi-Fi Router

Test Model: WR3000

#### Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Taylor Hu
Supervised by:	Ling Zhu





### D.1 -26dB Bandwidth

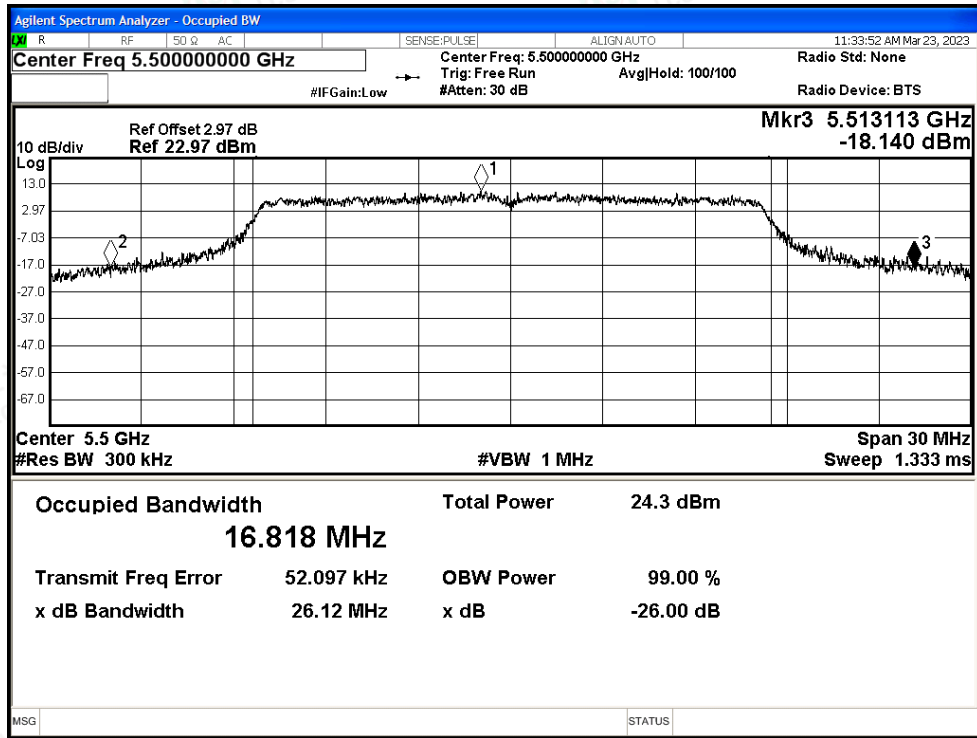
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant0	26.122	>=0.5	Pass
NVNT	a	5580	Ant0	28.375	>=0.5	Pass
NVNT	a	5700	Ant0	27.787	>=0.5	Pass
NVNT	n20	5500	Ant0	28.387	>=0.5	Pass
NVNT	n20	5580	Ant0	25.757	>=0.5	Pass
NVNT	n20	5700	Ant0	25.672	>=0.5	Pass
NVNT	n40	5510	Ant0	43.919	>=0.5	Pass
NVNT	n40	5550	Ant0	39.903	>=0.5	Pass
NVNT	n40	5670	Ant0	50.62	>=0.5	Pass
NVNT	ac20	5500	Ant0	27.371	>=0.5	Pass
NVNT	ac20	5580	Ant0	26.815	>=0.5	Pass
NVNT	ac20	5700	Ant0	26.21	>=0.5	Pass
NVNT	ac40	5510	Ant0	52.303	>=0.5	Pass
NVNT	ac40	5550	Ant0	39.671	>=0.5	Pass
NVNT	ac40	5670	Ant0	58.546	>=0.5	Pass
NVNT	ac80	5530	Ant0	96.243	>=0.5	Pass
NVNT	ac80	5610	Ant0	78.325	>=0.5	Pass
NVNT	ac160	5570	Ant0	171.69	>=0.5	Pass
NVNT	ax20	5500	Ant0	29.155	>=0.5	Pass
NVNT	ax20	5580	Ant0	22.734	>=0.5	Pass
NVNT	ax20	5700	Ant0	25.574	>=0.5	Pass
NVNT	ax40	5510	Ant0	46.895	>=0.5	Pass
NVNT	ax40	5550	Ant0	39.292	>=0.5	Pass
NVNT	ax40	5670	Ant0	53.917	>=0.5	Pass
NVNT	ax80	5530	Ant0	80.386	>=0.5	Pass
NVNT	ax80	5610	Ant0	79.517	>=0.5	Pass
NVNT	ax160	5570	Ant0	158.991	>=0.5	Pass



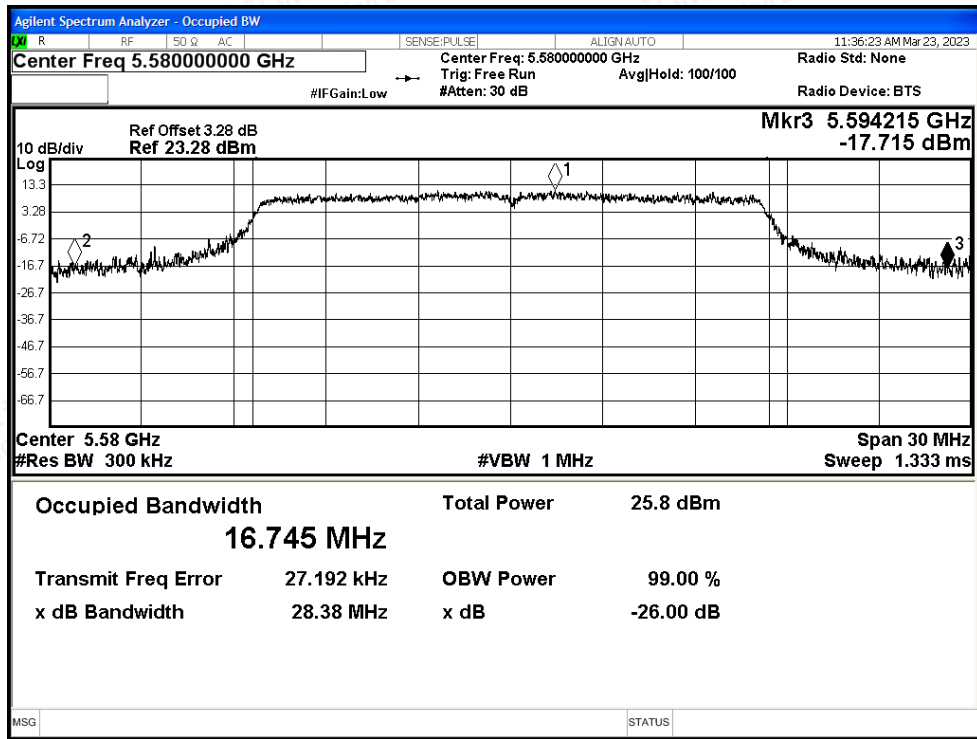


Test Graphs

-26dB Bandwidth NVNT a 5500MHz Ant0

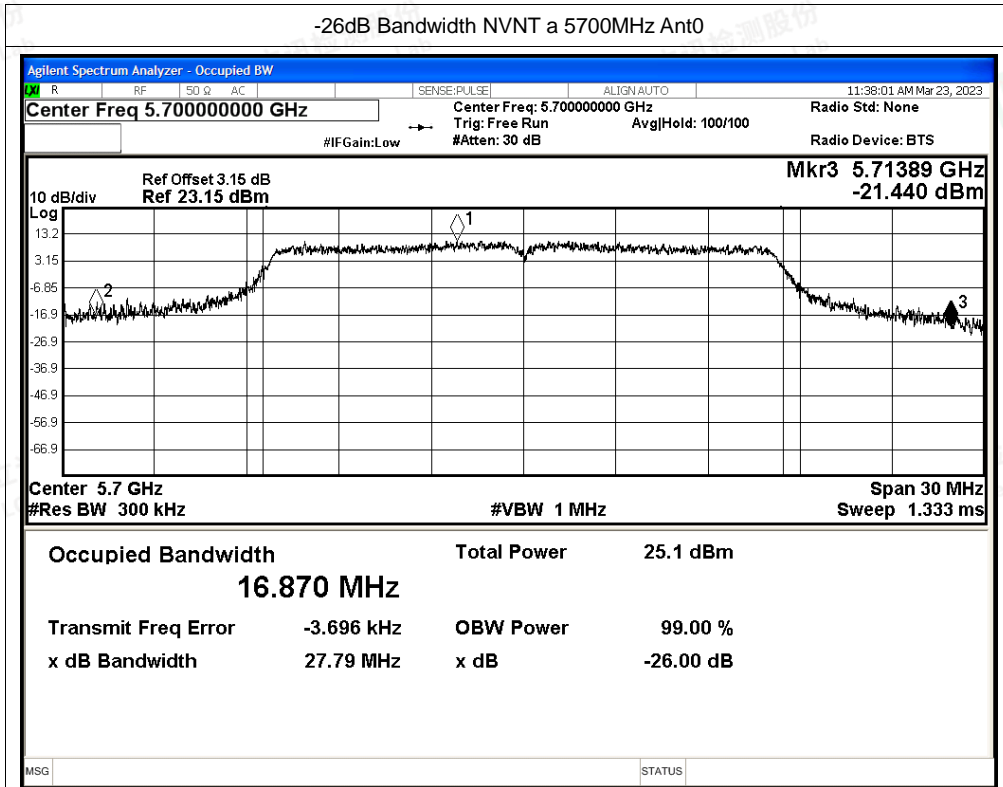


-26dB Bandwidth NVNT a 5580MHz Ant0

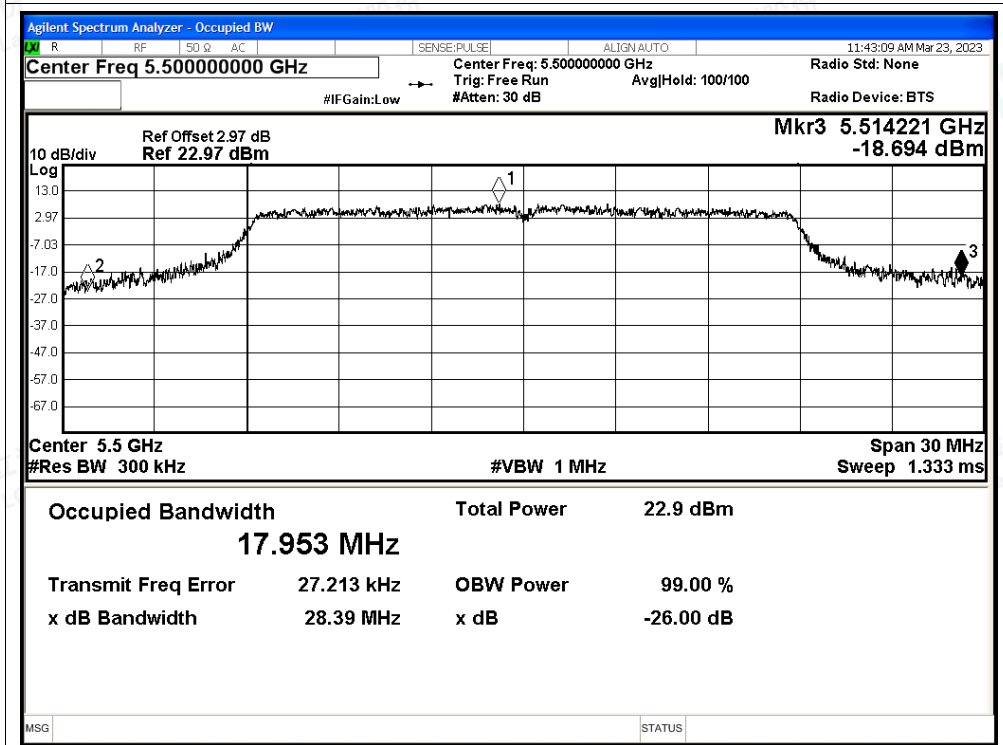


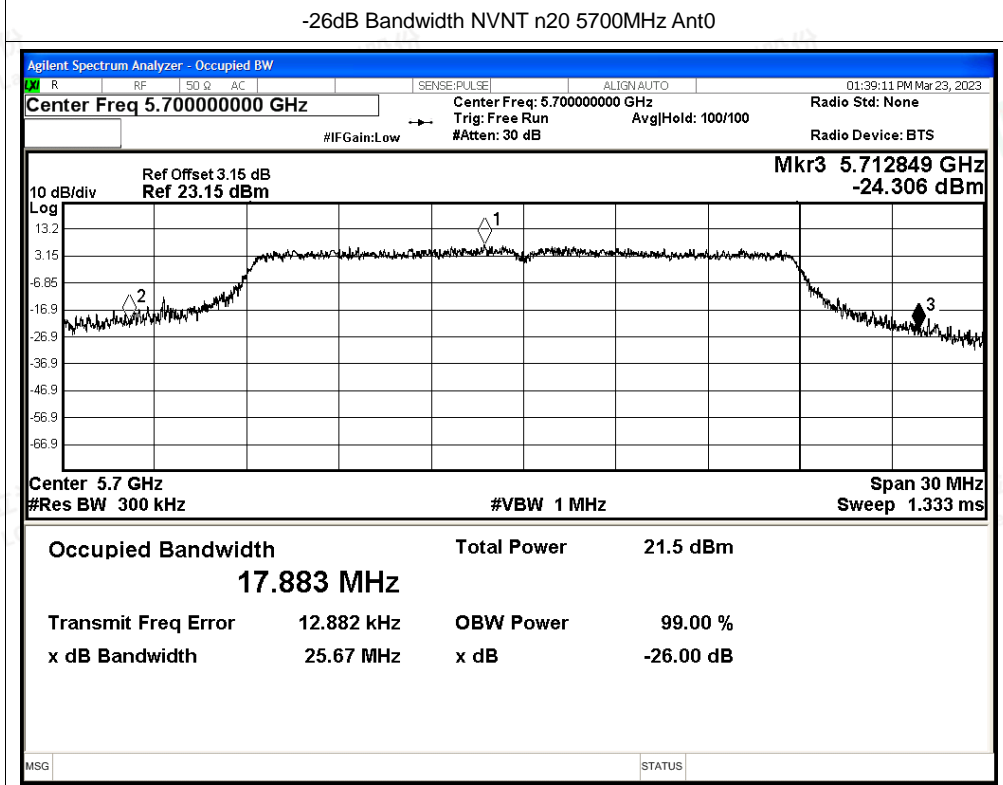
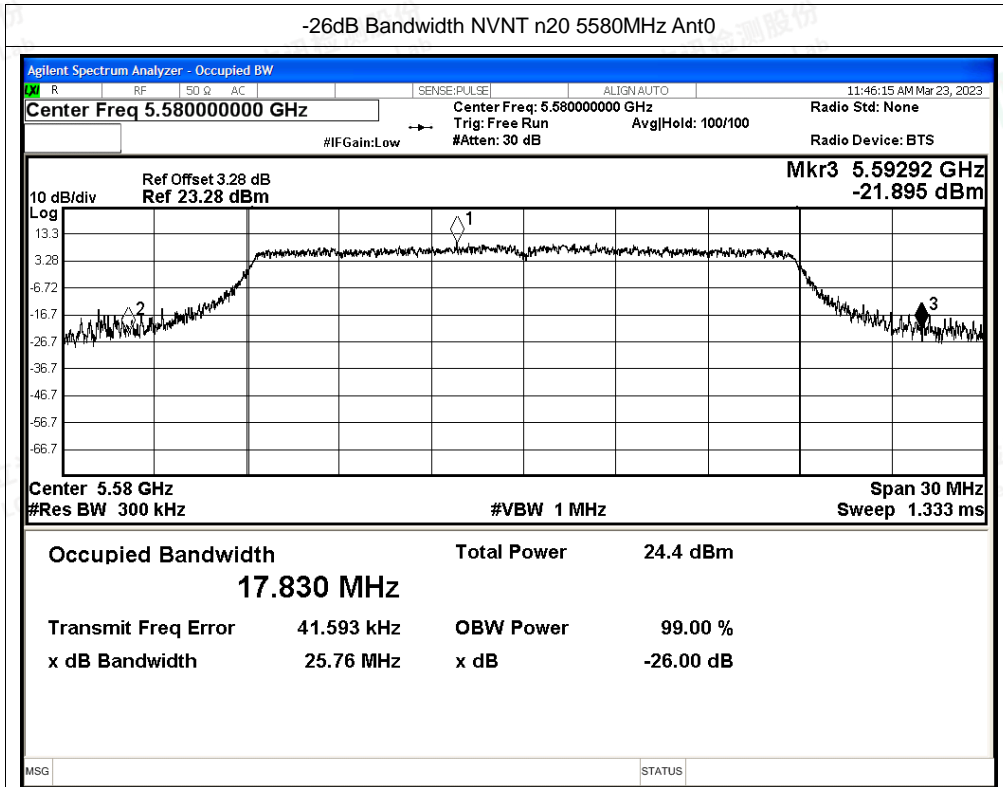


-26dB Bandwidth NVNT a 5700MHz Ant0



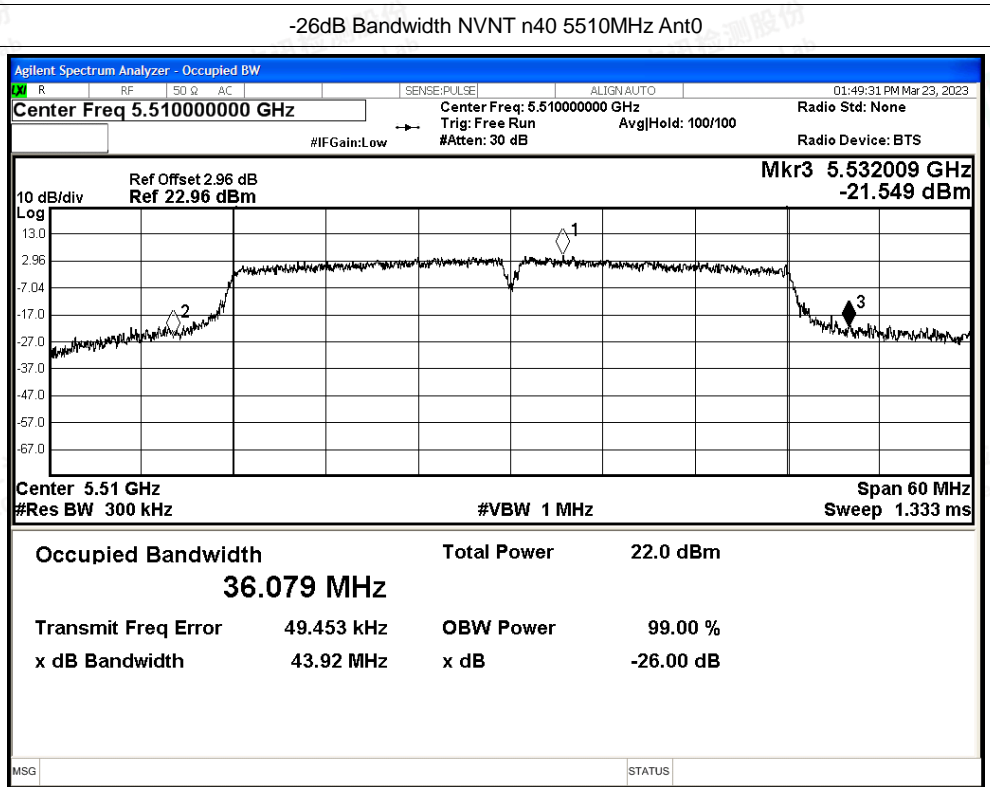
-26dB Bandwidth NVNT n20 5500MHz Ant0



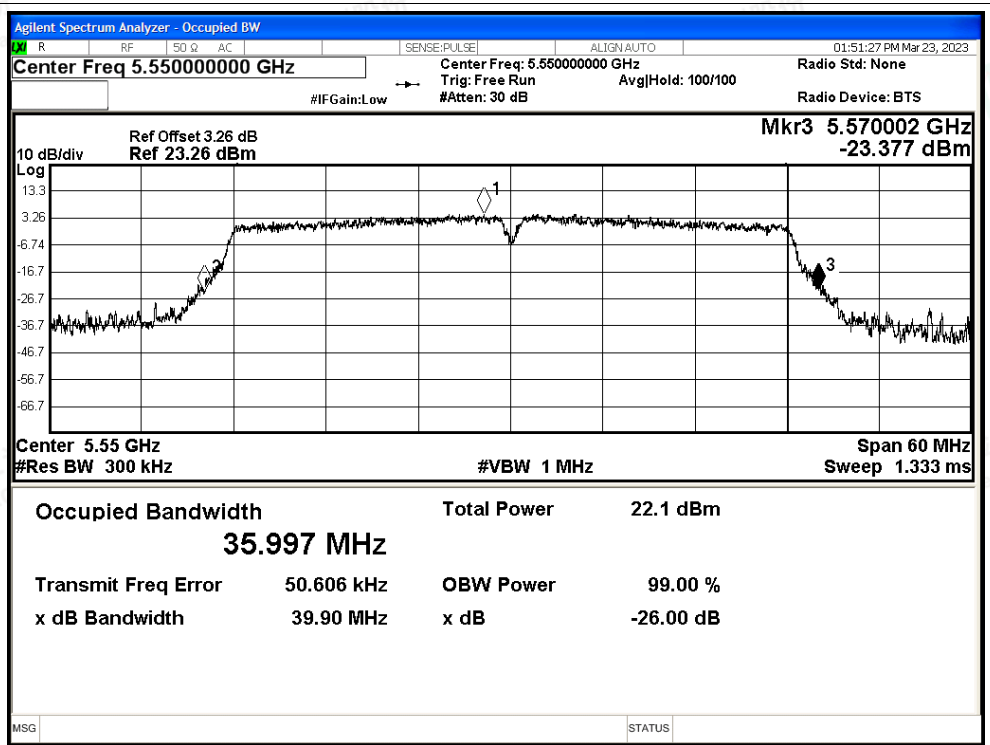


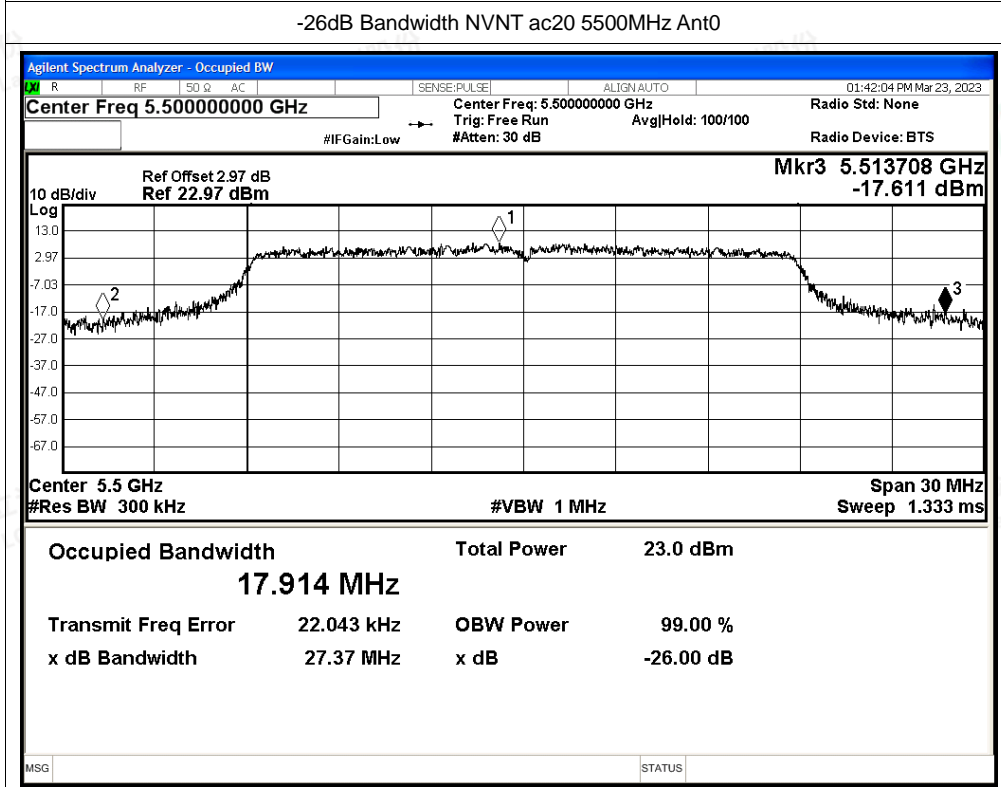
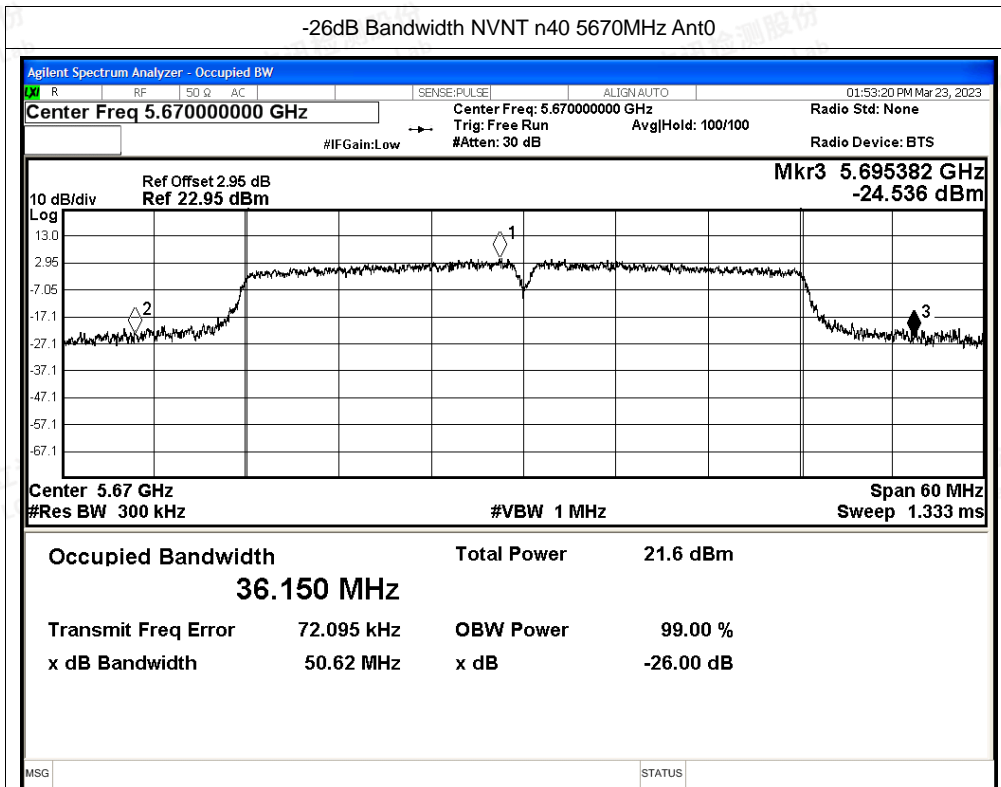


-26dB Bandwidth NVNT n40 5510MHz Ant0



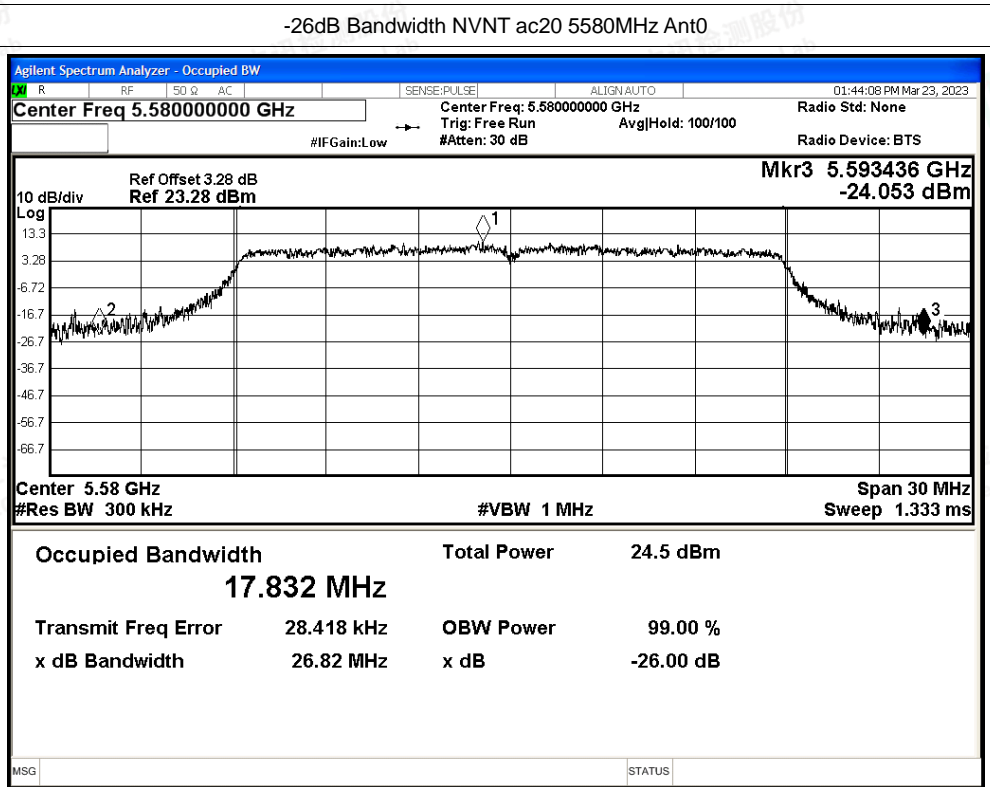
-26dB Bandwidth NVNT n40 5550MHz Ant0



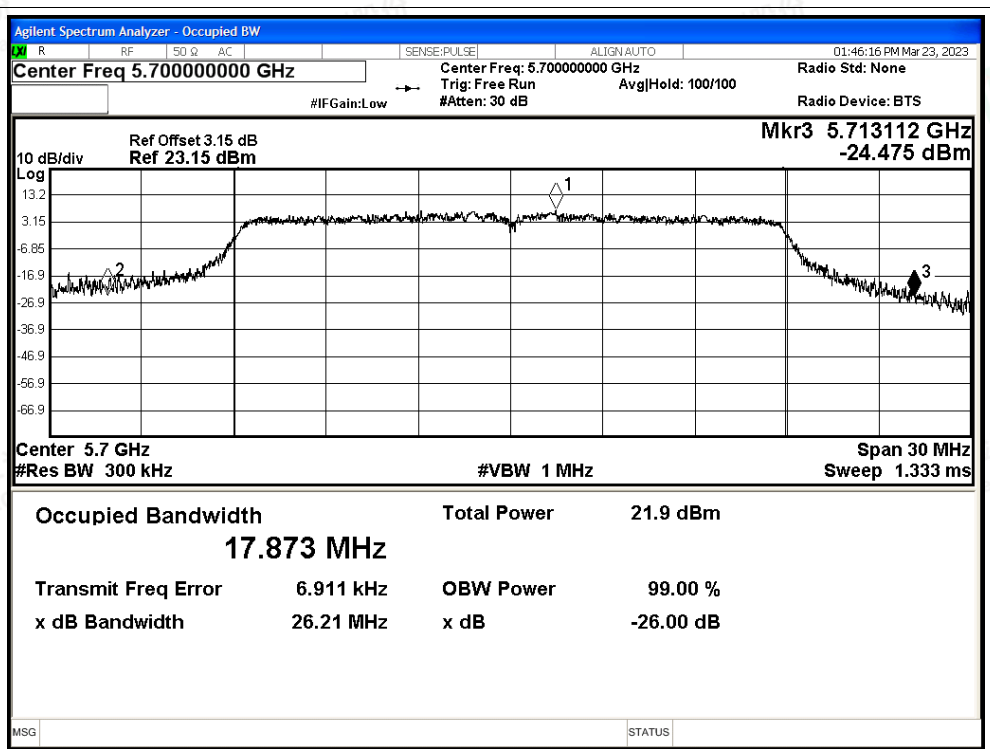




-26dB Bandwidth NVNT ac20 5580MHz Ant0



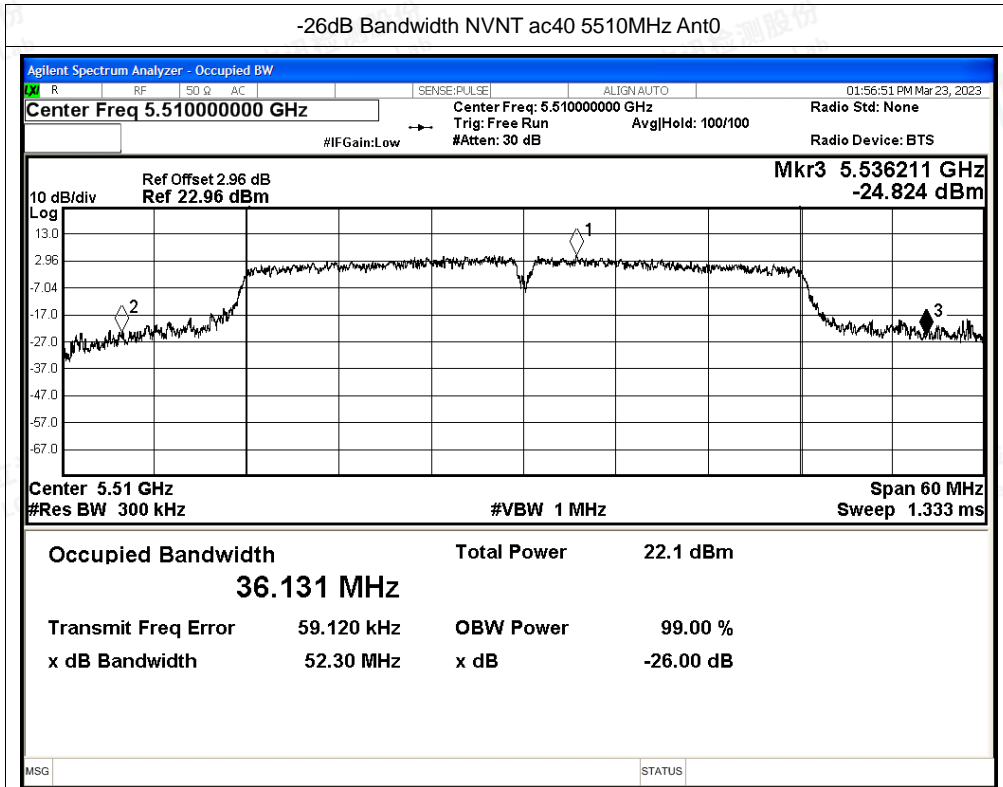
-26dB Bandwidth NVNT ac20 5700MHz Ant0



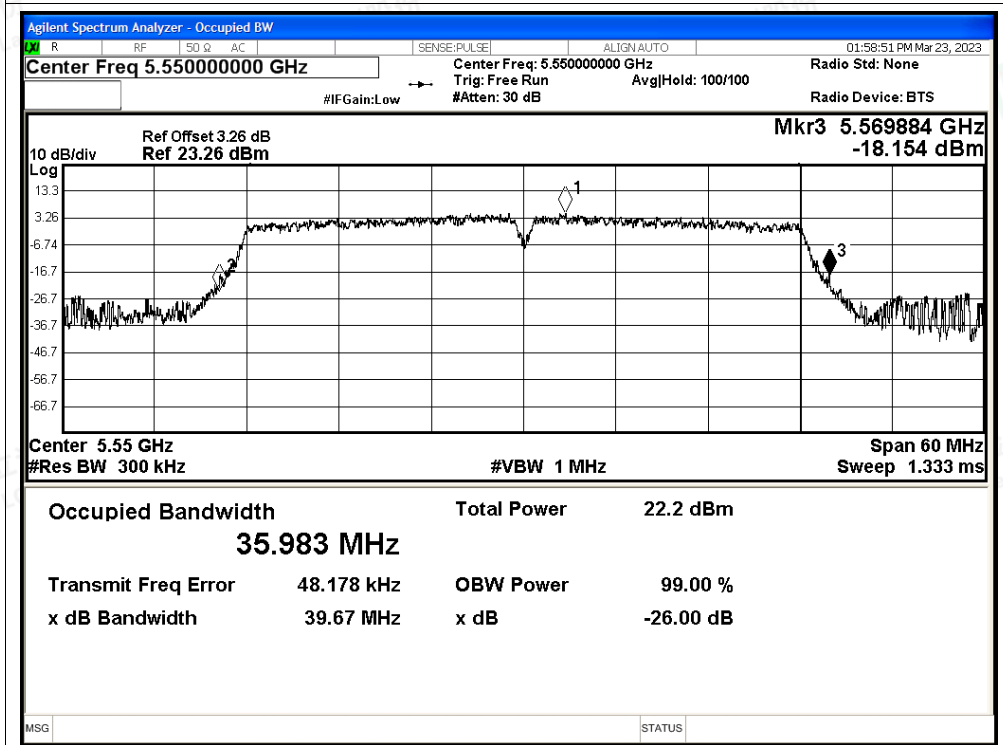




-26dB Bandwidth NVNT ac40 5510MHz Ant0

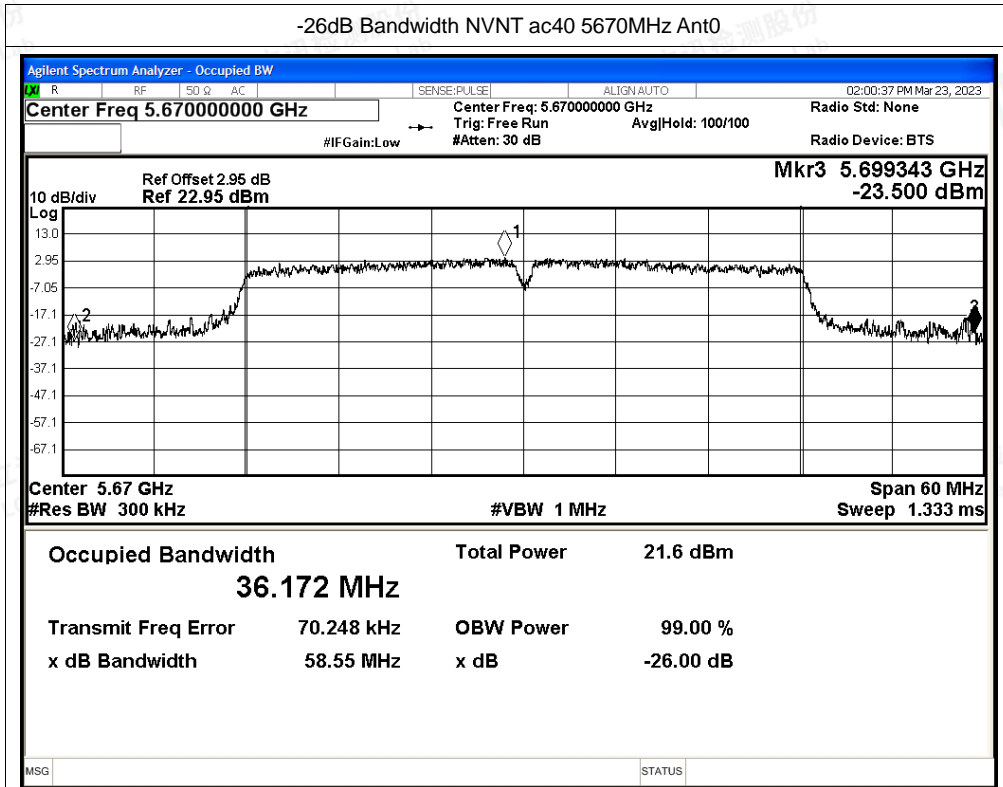


-26dB Bandwidth NVNT ac40 5550MHz Ant0

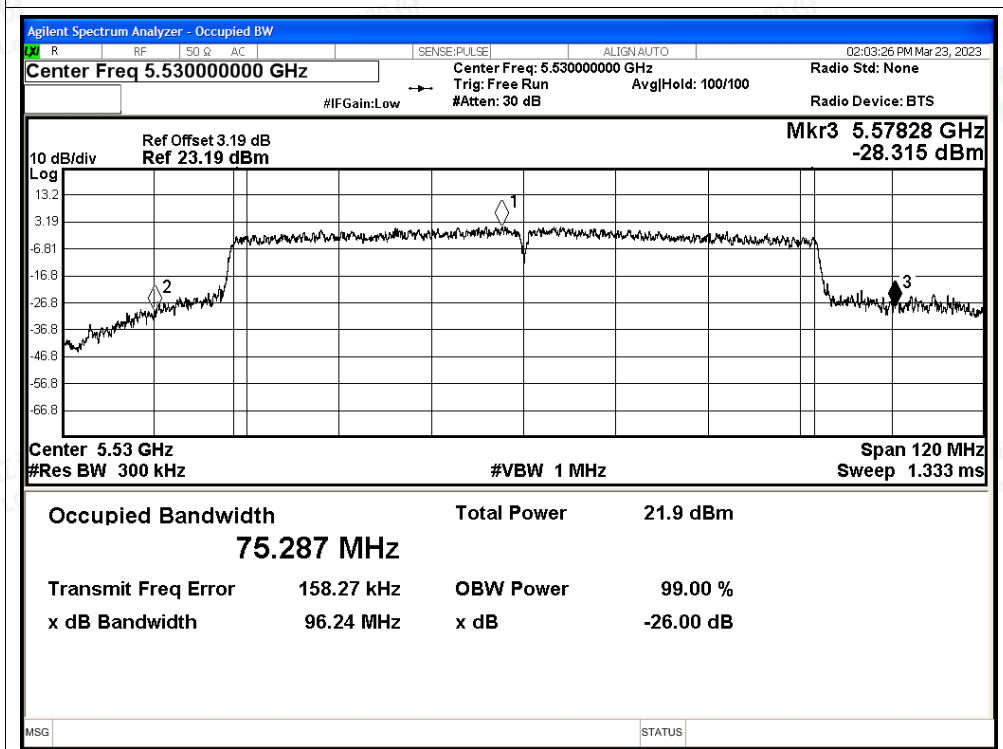




-26dB Bandwidth NVNT ac40 5670MHz Ant0

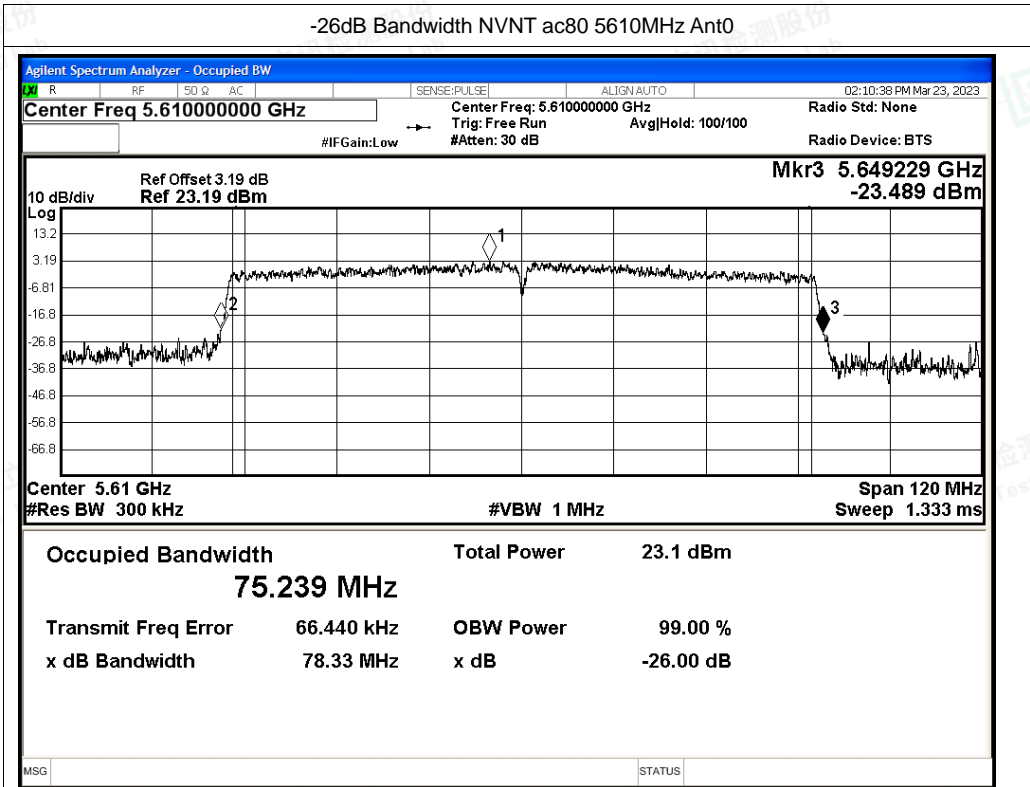


-26dB Bandwidth NVNT ac80 5530MHz Ant0

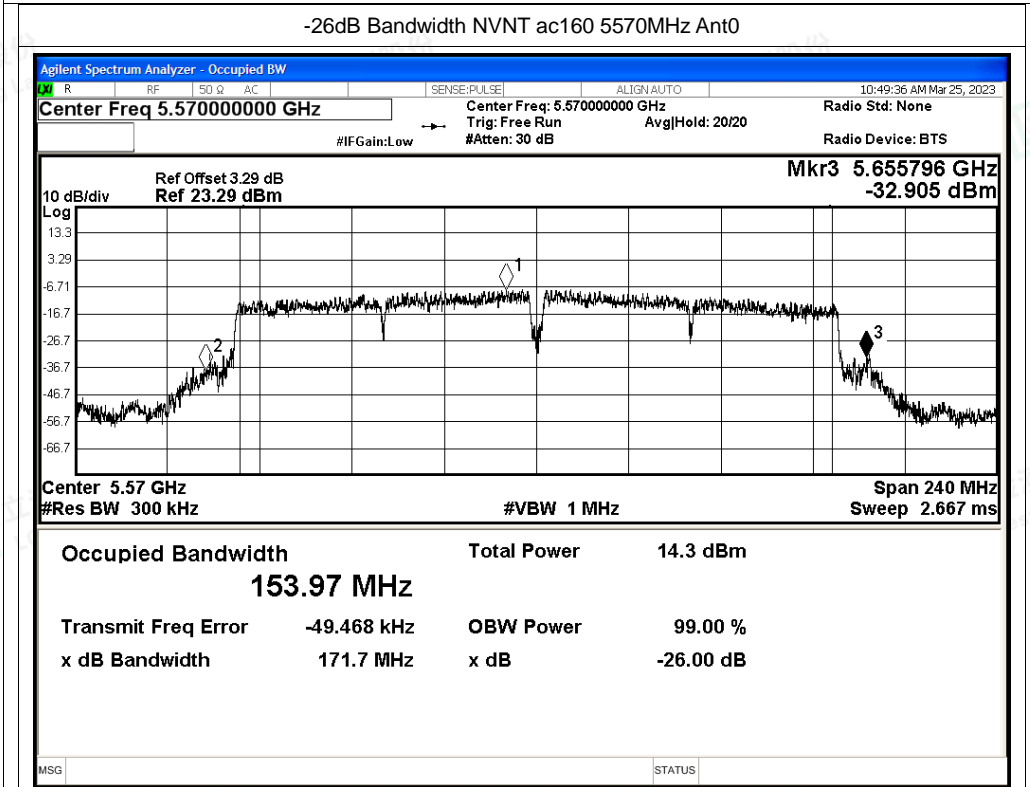




-26dB Bandwidth NVNT ac80 5610MHz Ant0

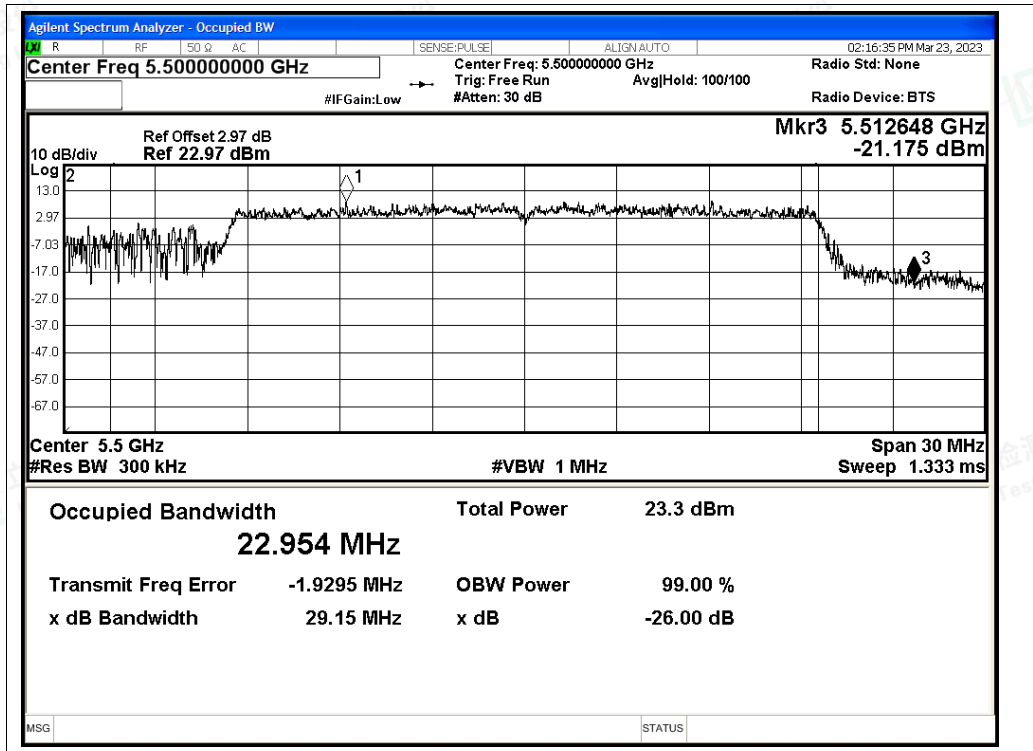


-26dB Bandwidth NVNT ac160 5570MHz Ant0



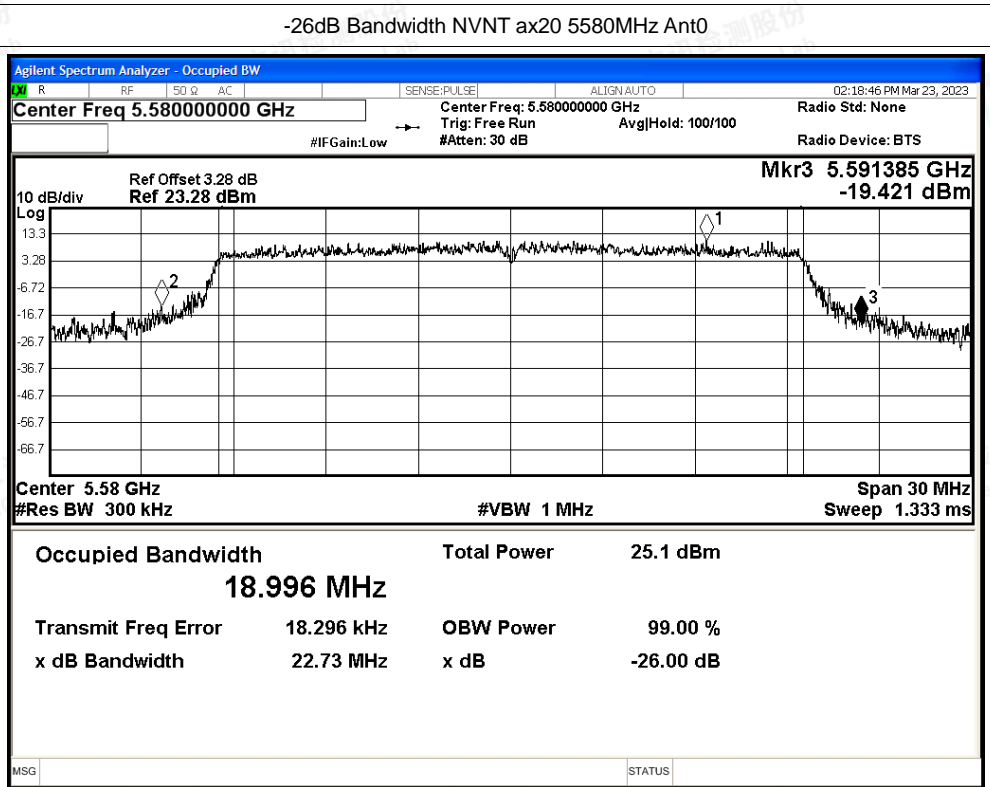
-26dB Bandwidth NVNT ax20 5500MHz Ant0



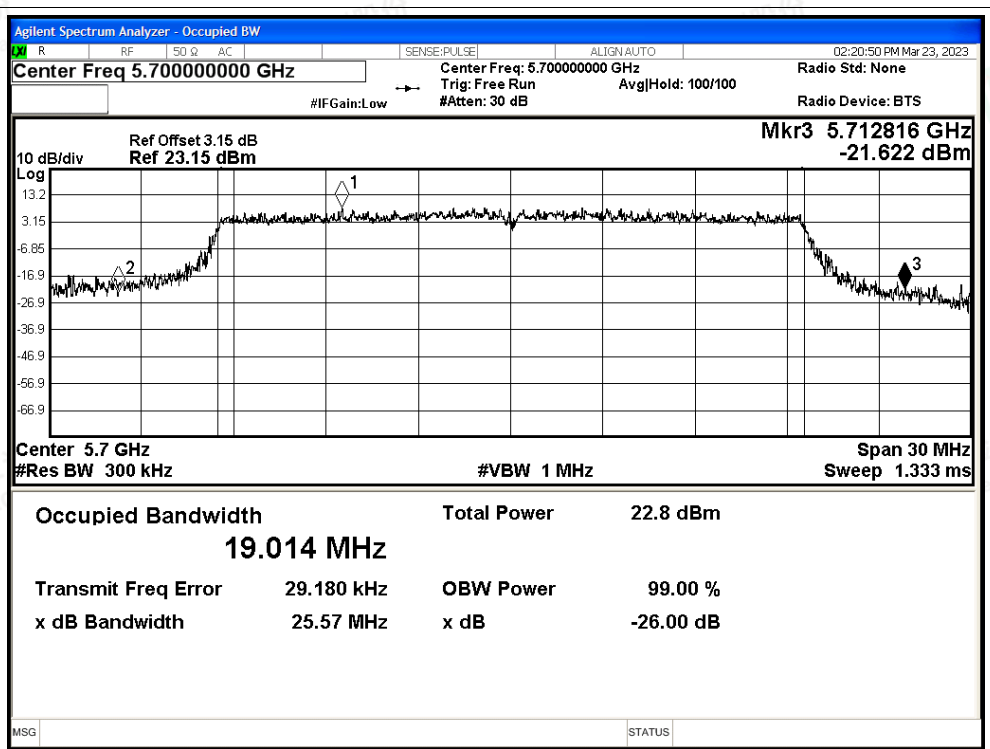




-26dB Bandwidth NVNT ax20 5580MHz Ant0

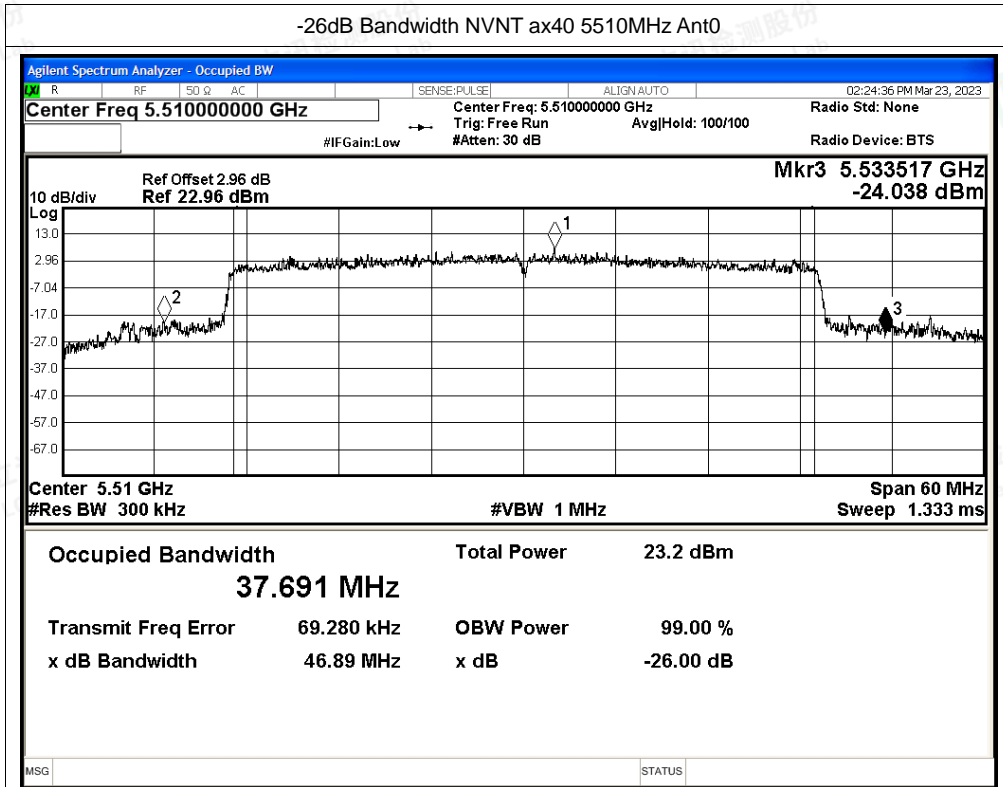


-26dB Bandwidth NVNT ax20 5700MHz Ant0

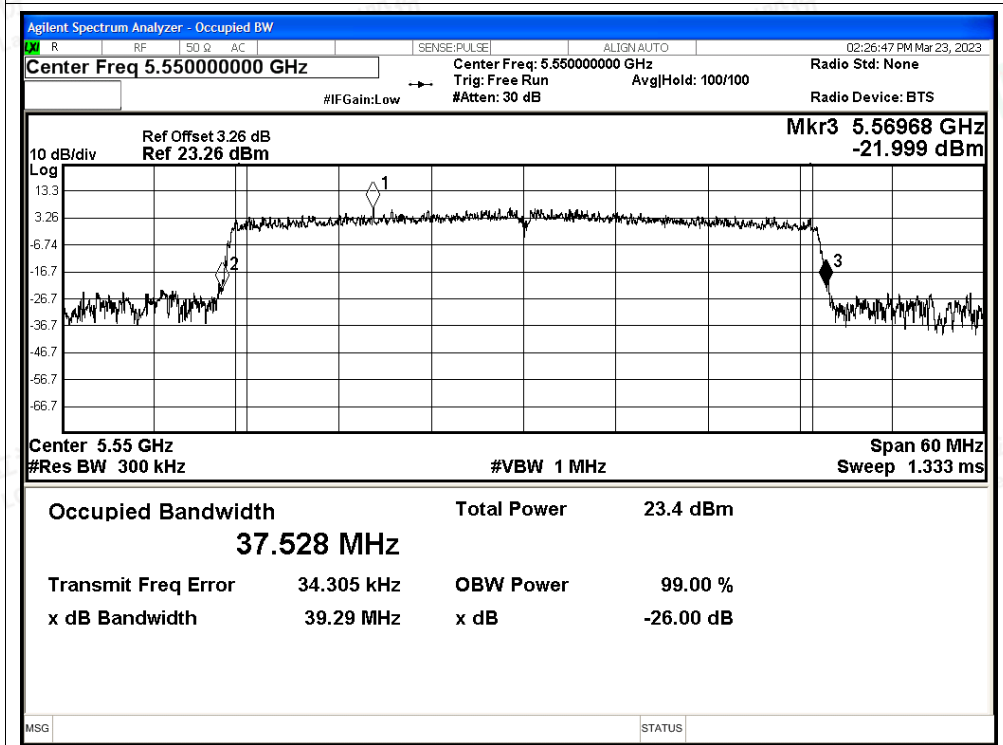


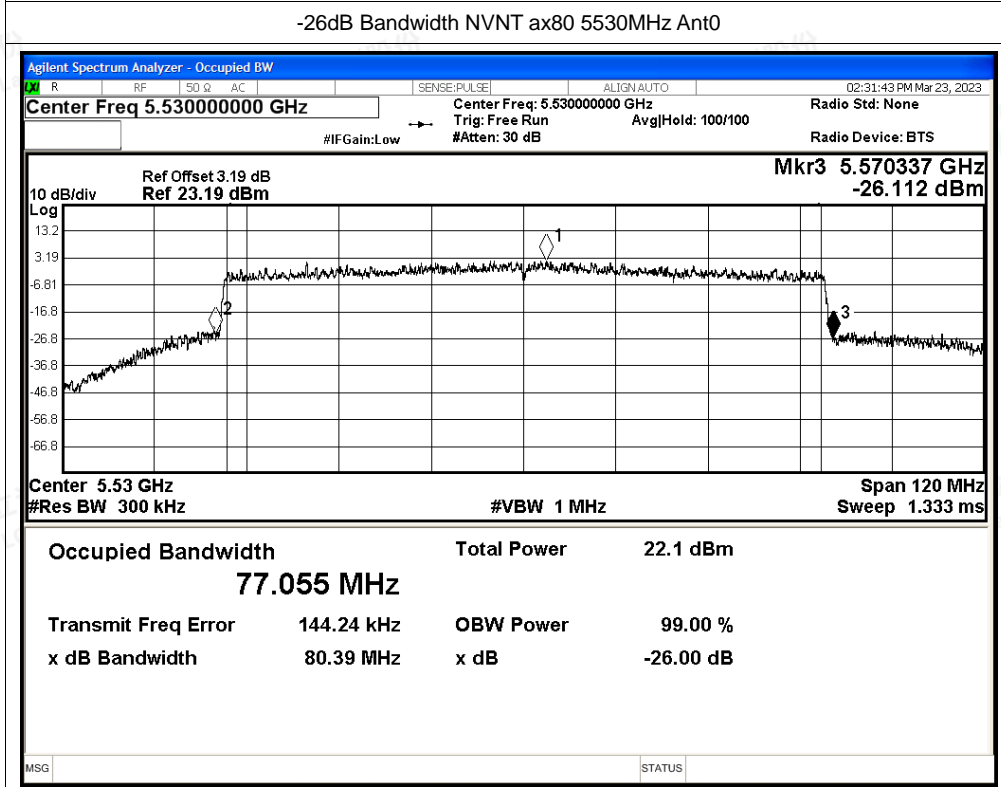
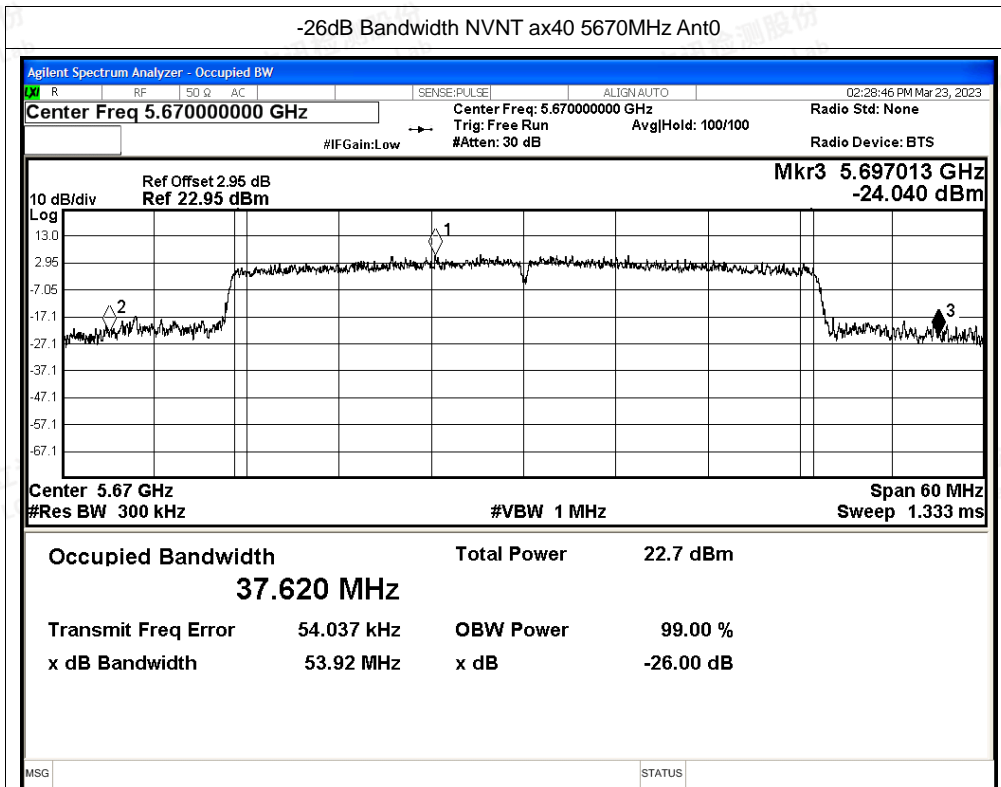


-26dB Bandwidth NVNT ax40 5510MHz Ant0



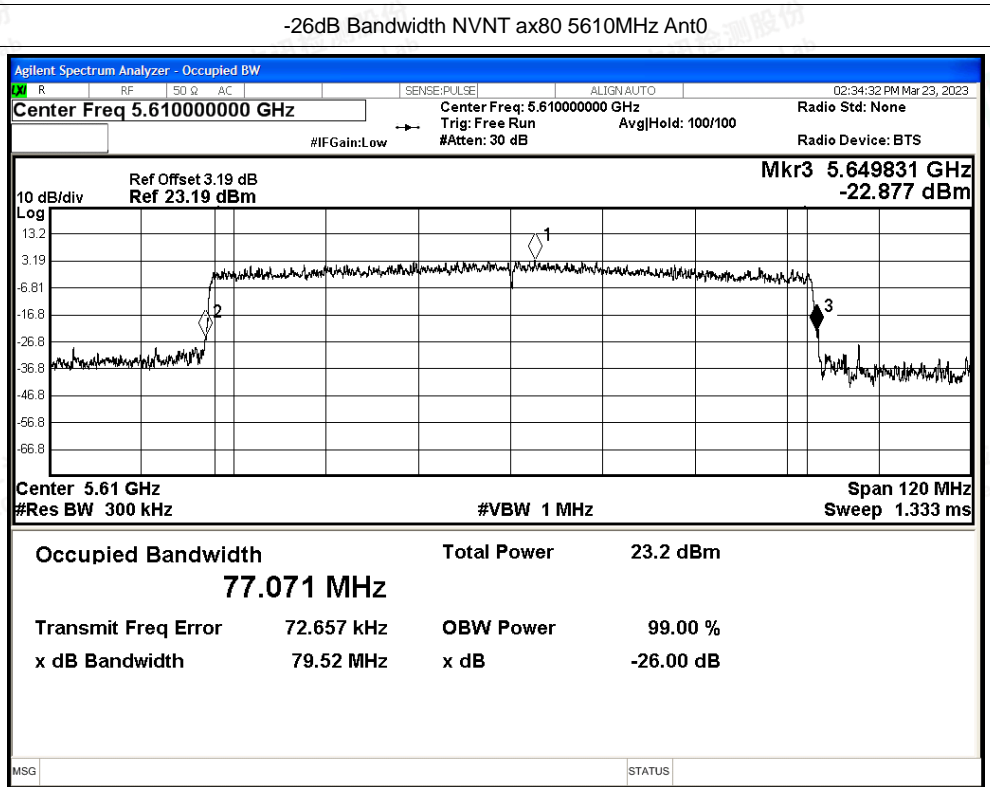
-26dB Bandwidth NVNT ax40 5550MHz Ant0



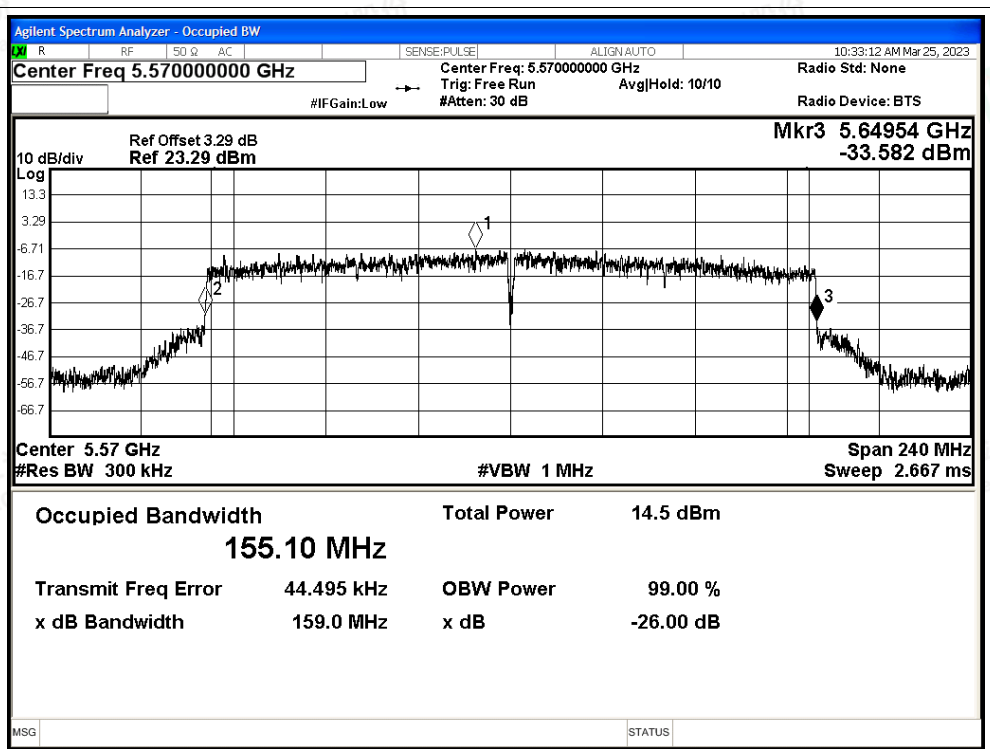




-26dB Bandwidth NVNT ax80 5610MHz Ant0



-26dB Bandwidth NVNT ax160 5570MHz Ant0







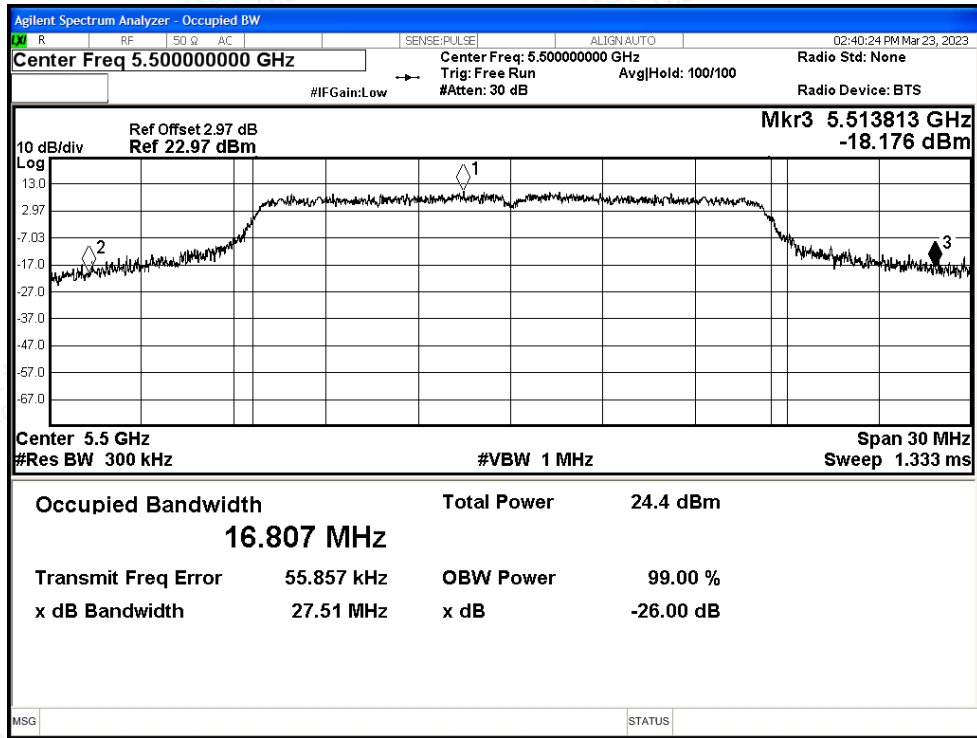
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	27.514	>=0.5	Pass
NVNT	a	5580	Ant1	27.775	>=0.5	Pass
NVNT	a	5700	Ant1	24.49	>=0.5	Pass
NVNT	n20	5500	Ant1	27.959	>=0.5	Pass
NVNT	n20	5580	Ant1	22.041	>=0.5	Pass
NVNT	n20	5700	Ant1	25.65	>=0.5	Pass
NVNT	n40	5510	Ant1	44.669	>=0.5	Pass
NVNT	n40	5550	Ant1	39.849	>=0.5	Pass
NVNT	n40	5670	Ant1	53.376	>=0.5	Pass
NVNT	ac20	5500	Ant1	28.29	>=0.5	Pass
NVNT	ac20	5580	Ant1	21.959	>=0.5	Pass
NVNT	ac20	5700	Ant1	25.912	>=0.5	Pass
NVNT	ac40	5510	Ant1	48.859	>=0.5	Pass
NVNT	ac40	5550	Ant1	40.178	>=0.5	Pass
NVNT	ac40	5670	Ant1	53.905	>=0.5	Pass
NVNT	ac80	5530	Ant1	96.98	>=0.5	Pass
NVNT	ac80	5610	Ant1	78.286	>=0.5	Pass
NVNT	ac160	5570	Ant1	166.376	>=0.5	Pass
NVNT	ax20	5500	Ant1	26.809	>=0.5	Pass
NVNT	ax20	5580	Ant1	22.354	>=0.5	Pass
NVNT	ax20	5700	Ant1	23.706	>=0.5	Pass
NVNT	ax40	5510	Ant1	50.129	>=0.5	Pass
NVNT	ax40	5550	Ant1	39.293	>=0.5	Pass
NVNT	ax40	5670	Ant1	52.701	>=0.5	Pass
NVNT	ax80	5530	Ant1	83.859	>=0.5	Pass
NVNT	ax80	5610	Ant1	79.163	>=0.5	Pass
NVNT	ax160	5570	Ant1	158.891	>=0.5	Pass



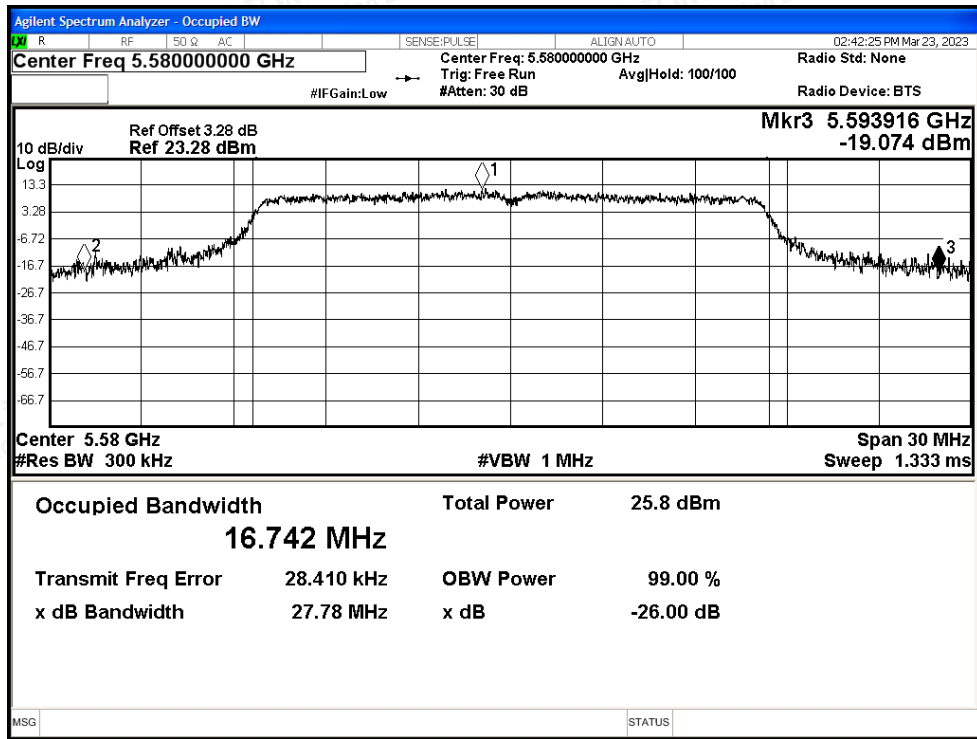


Test Graphs

-26dB Bandwidth NVNT a 5500MHz Ant1

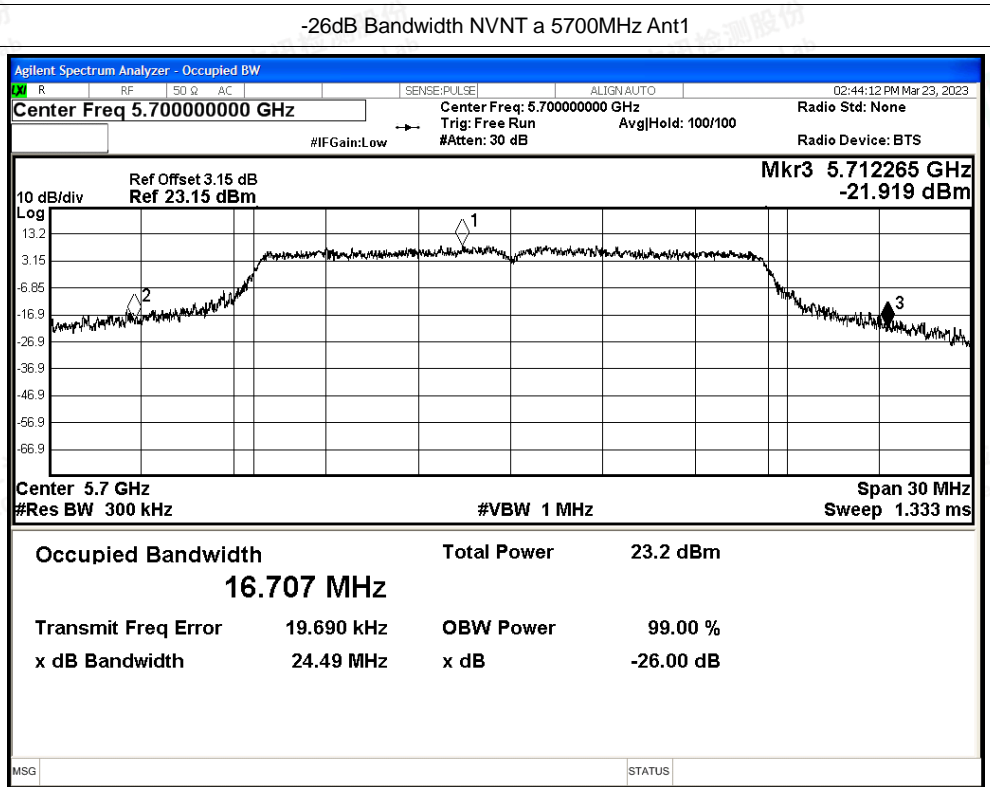


-26dB Bandwidth NVNT a 5580MHz Ant1

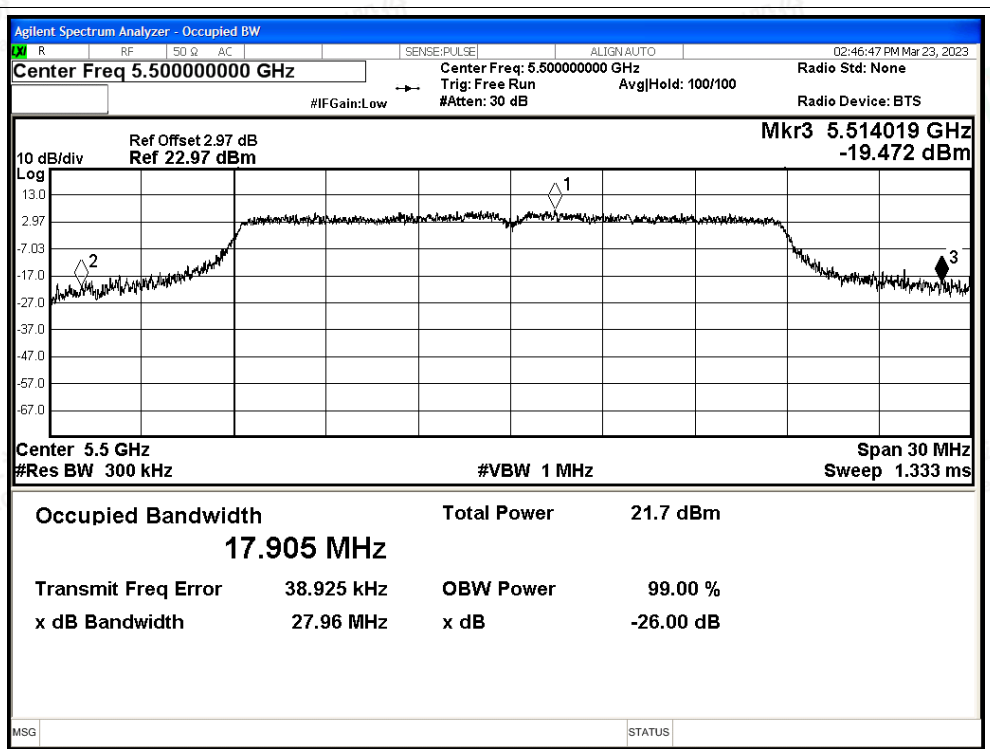




-26dB Bandwidth NVNT a 5700MHz Ant1

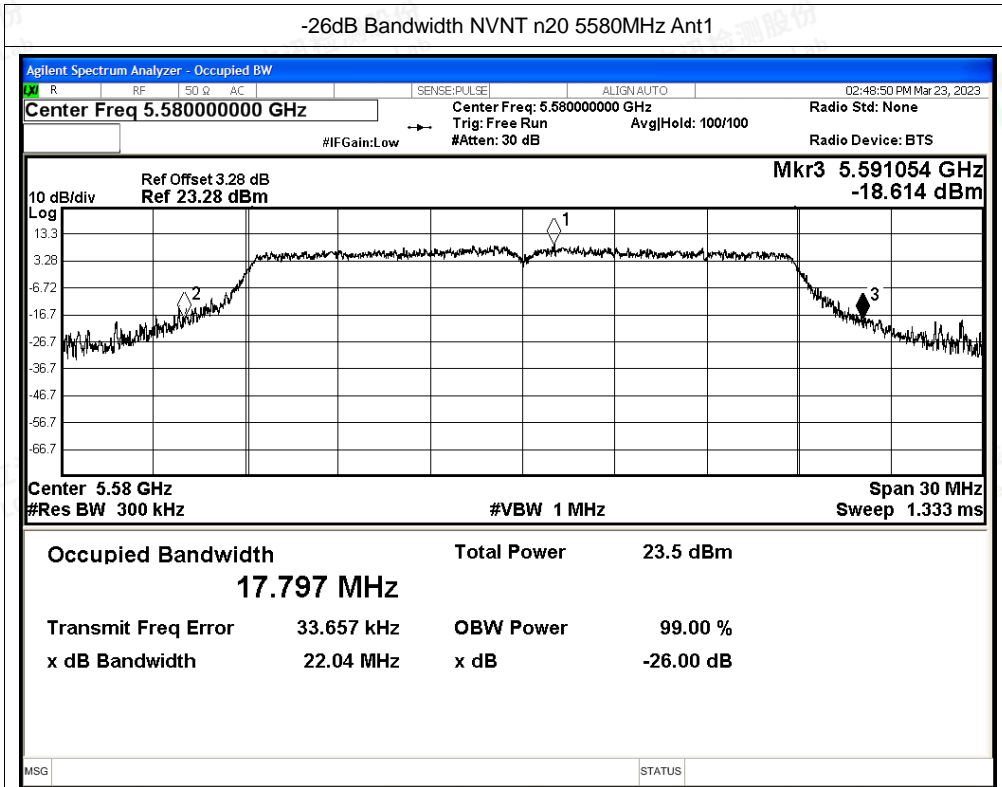


-26dB Bandwidth NVNT n20 5500MHz Ant1

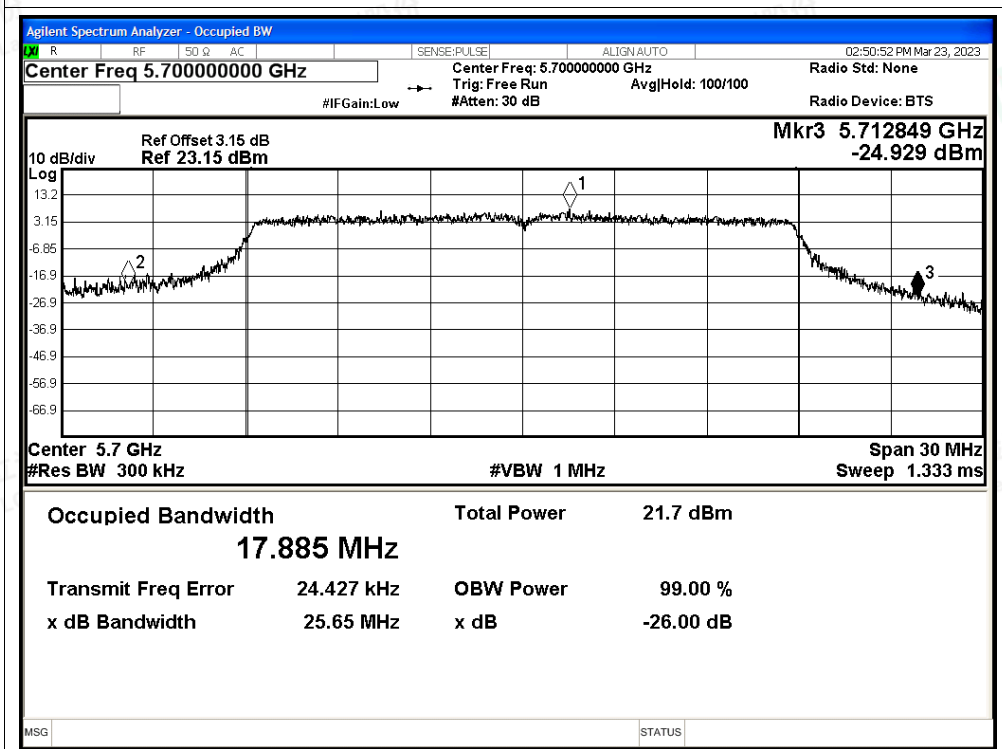


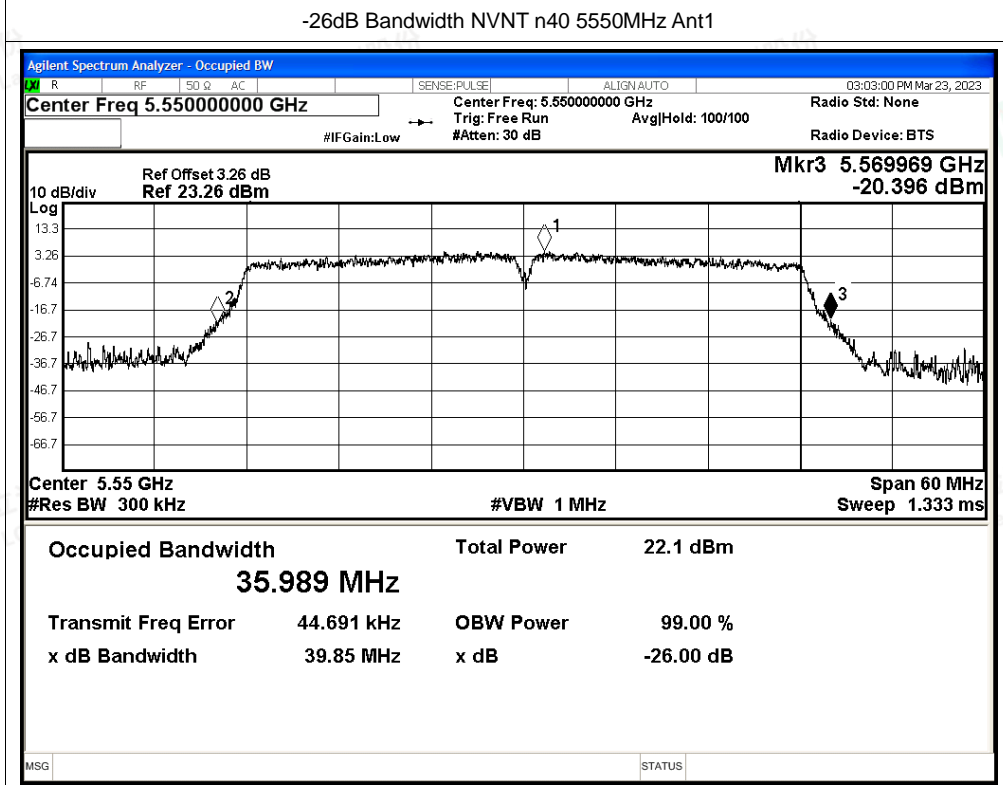
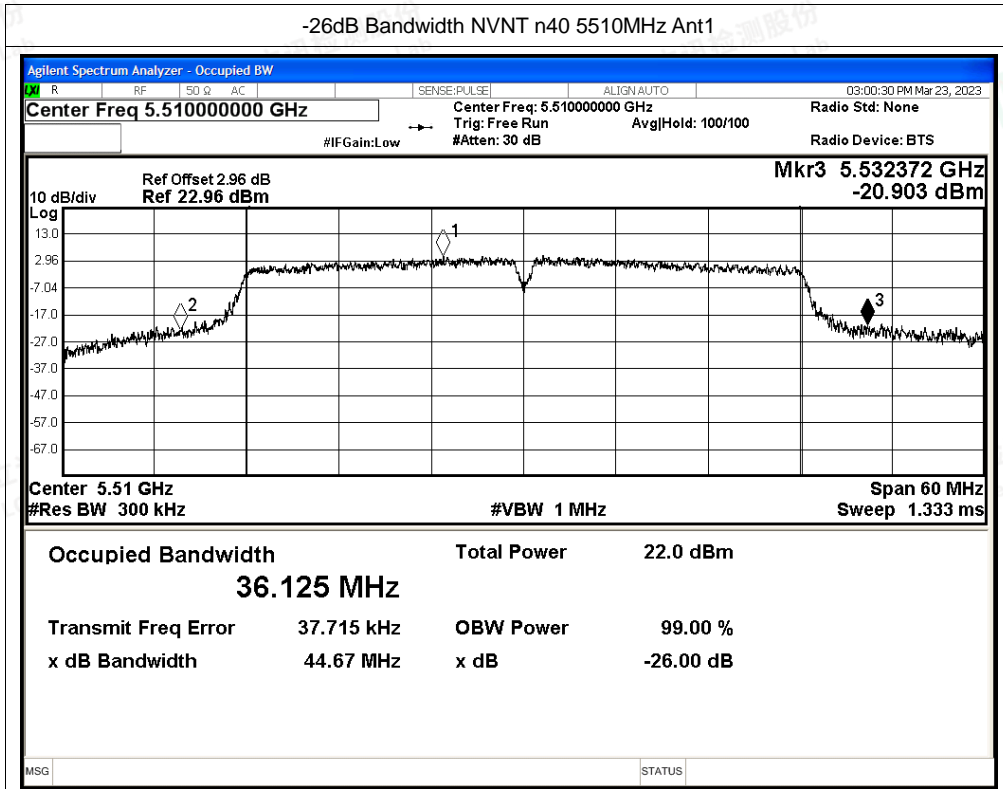


-26dB Bandwidth NVNT n20 5580MHz Ant1



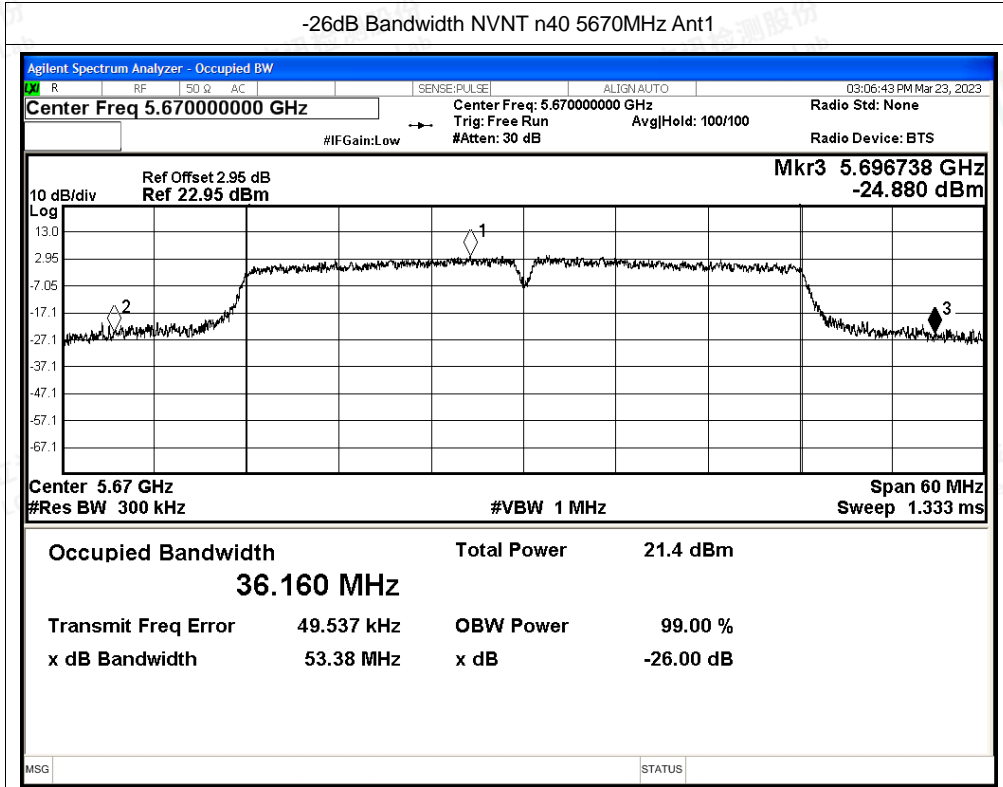
-26dB Bandwidth NVNT n20 5700MHz Ant1



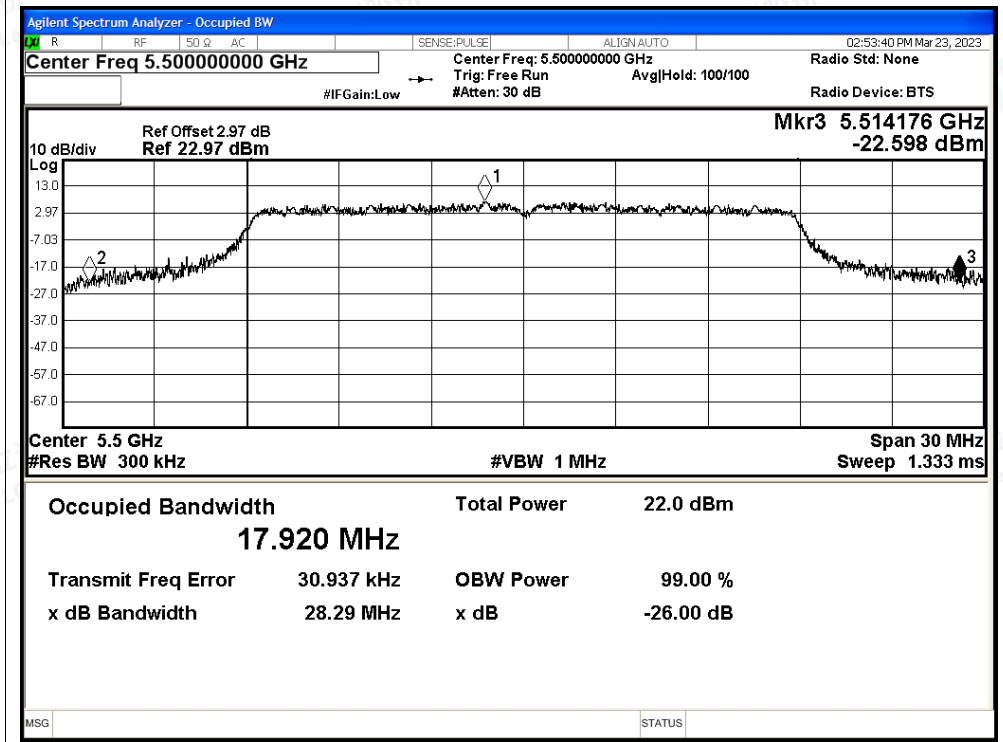




-26dB Bandwidth NVNT n40 5670MHz Ant1

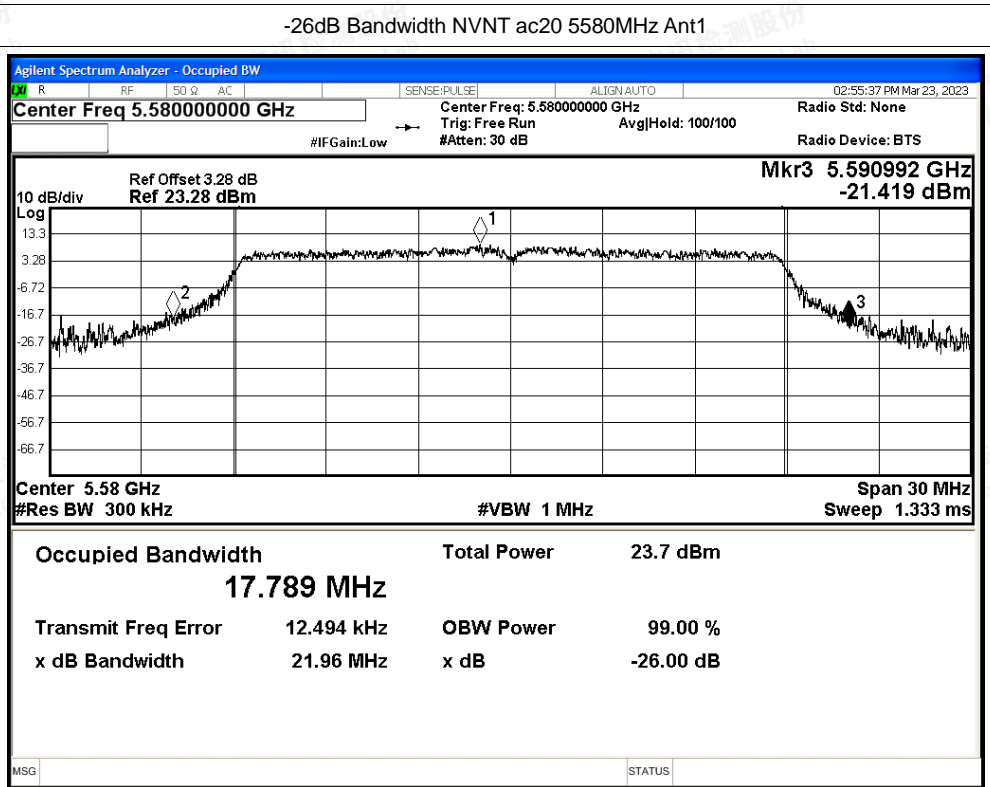


-26dB Bandwidth NVNT ac20 5500MHz Ant1

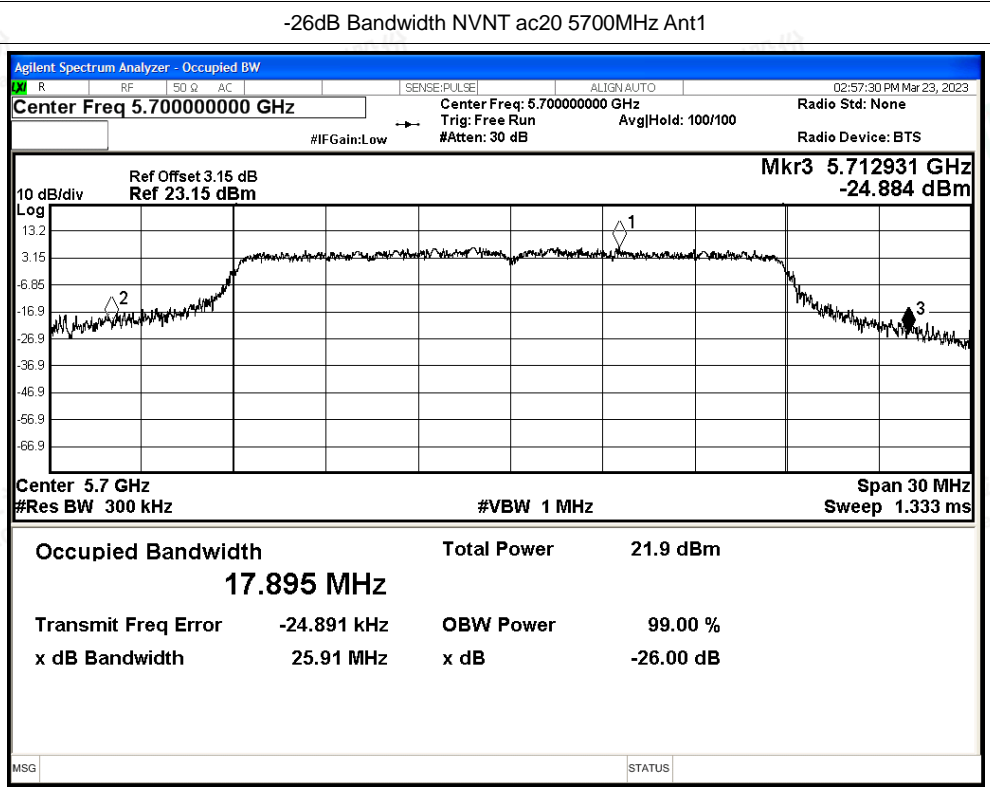




-26dB Bandwidth NVNT ac20 5580MHz Ant1

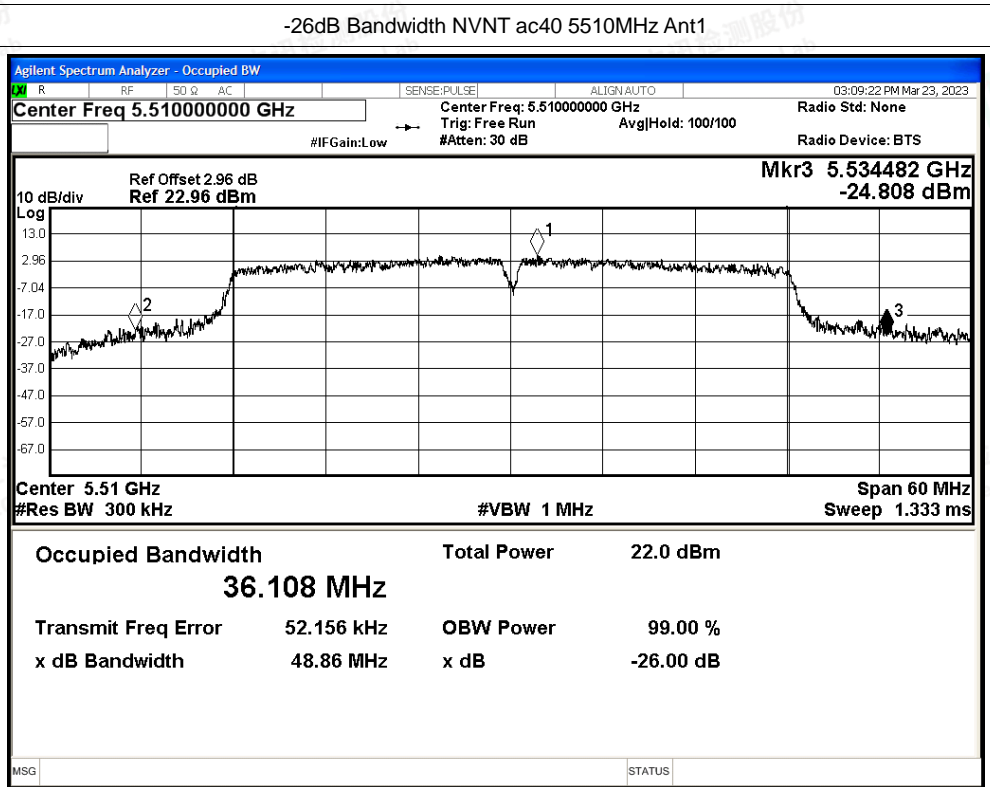


-26dB Bandwidth NVNT ac20 5700MHz Ant1

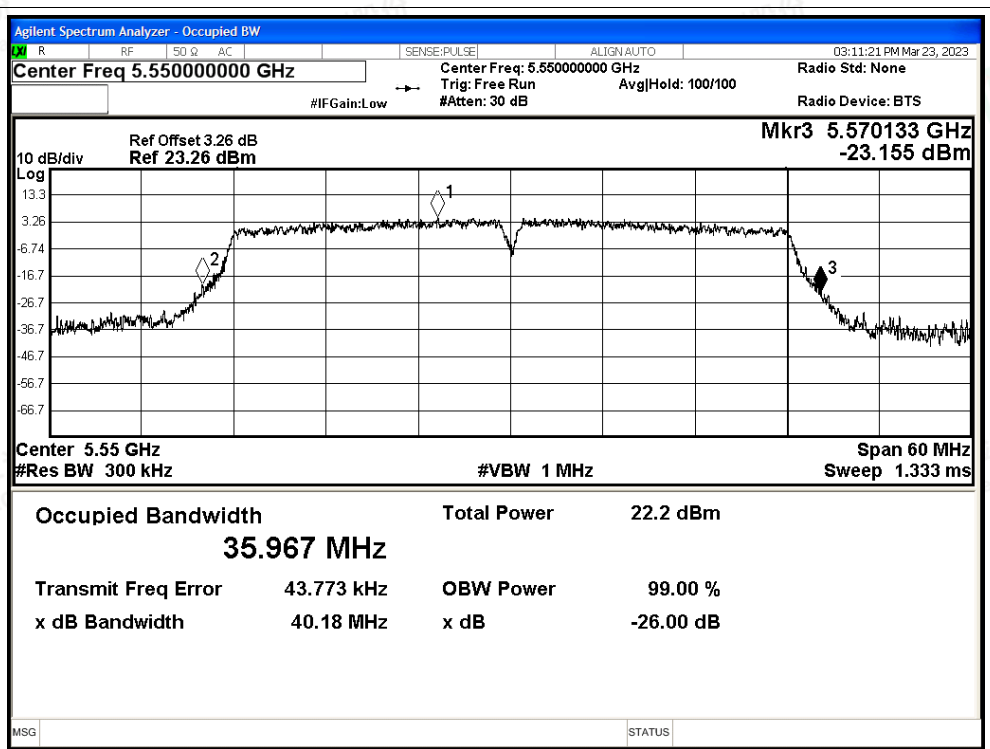




-26dB Bandwidth NVNT ac40 5510MHz Ant1



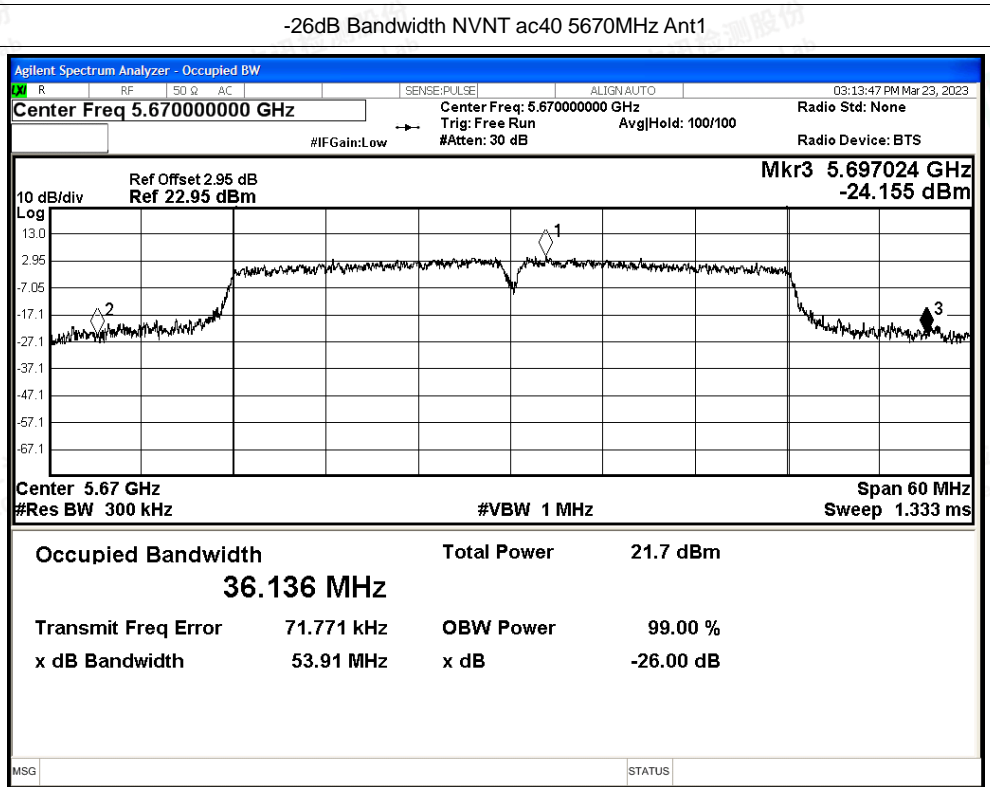
-26dB Bandwidth NVNT ac40 5550MHz Ant1



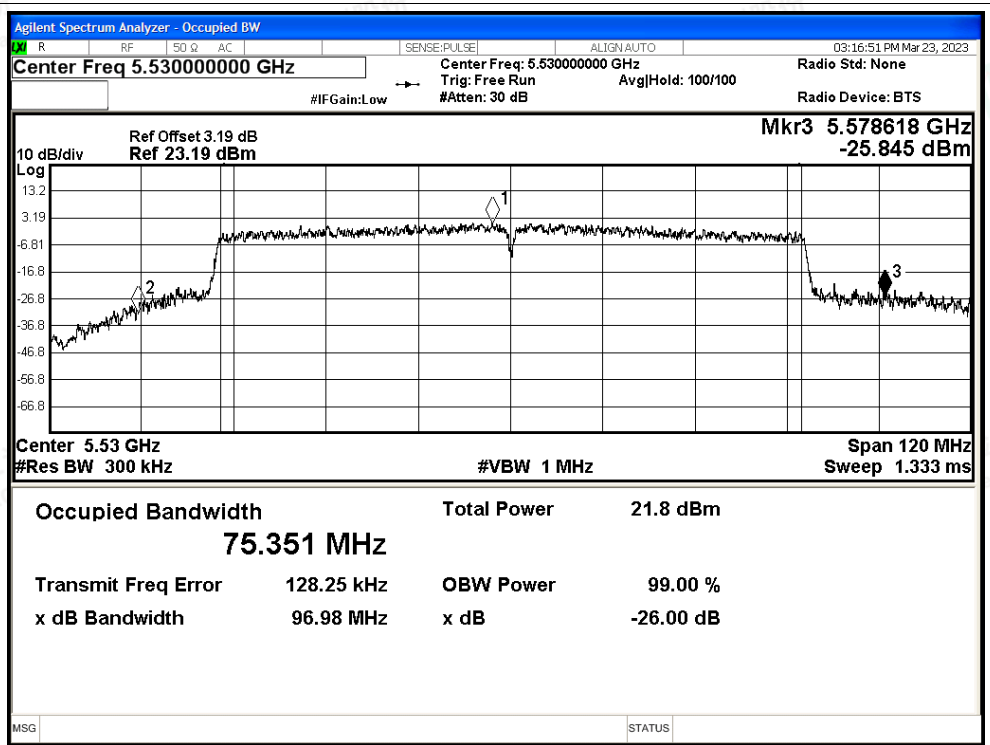




-26dB Bandwidth NVNT ac40 5670MHz Ant1

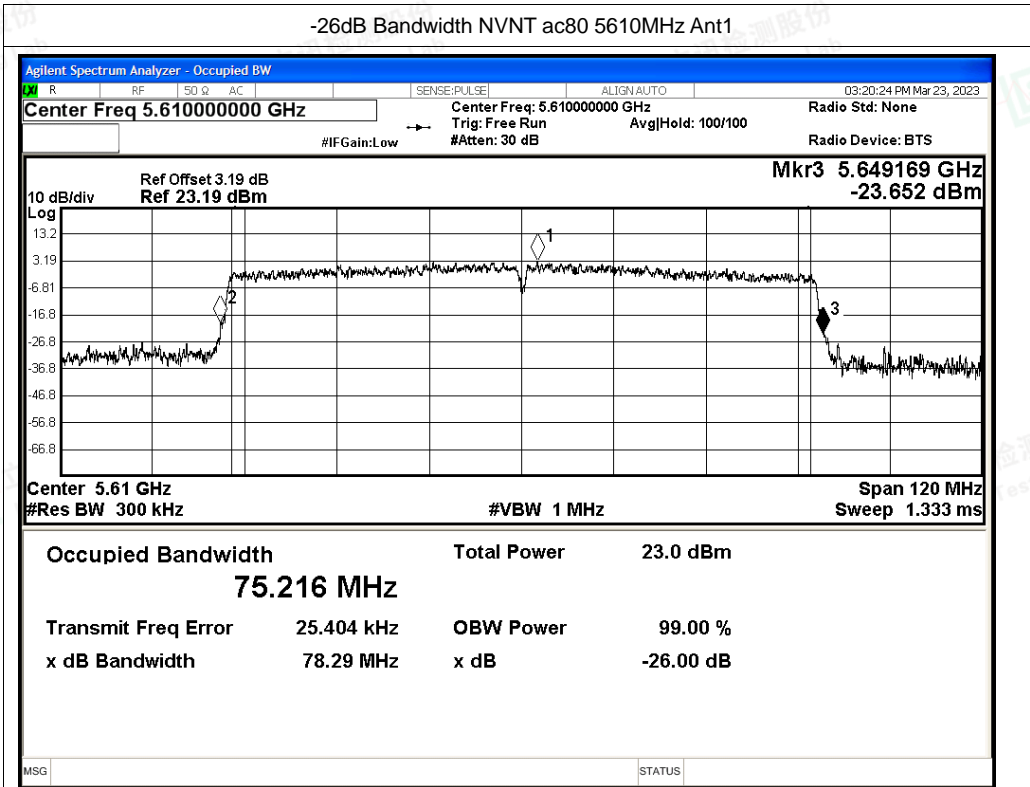


-26dB Bandwidth NVNT ac80 5530MHz Ant1

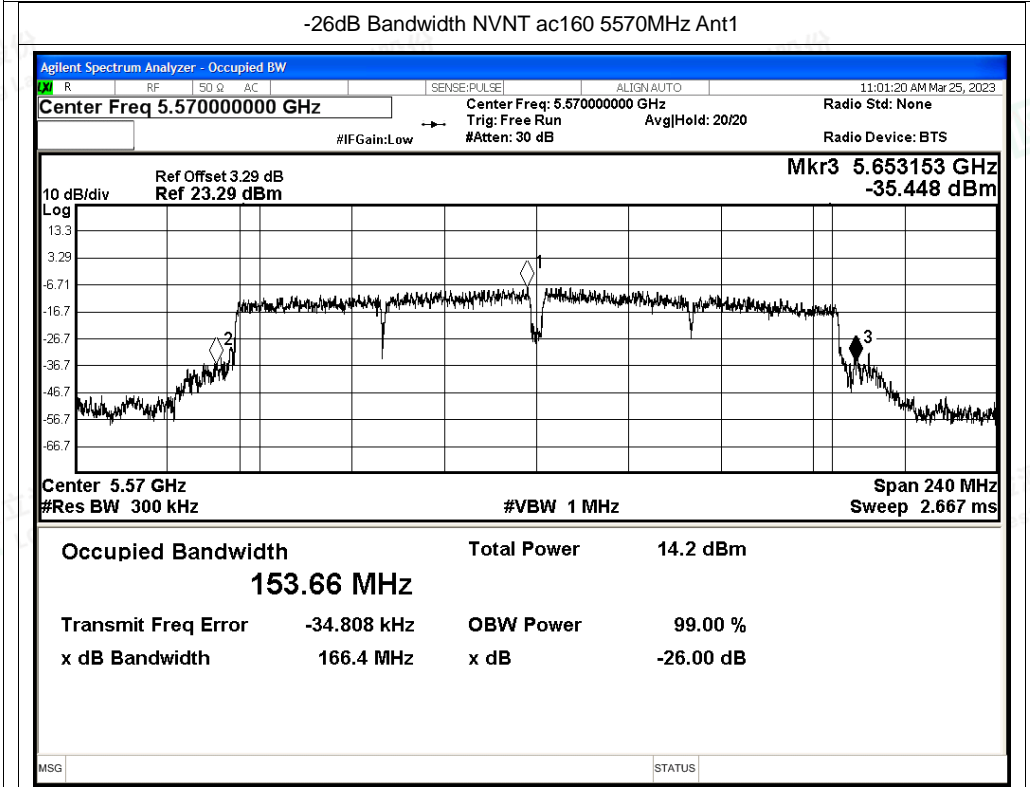




-26dB Bandwidth NVNT ac80 5610MHz Ant1

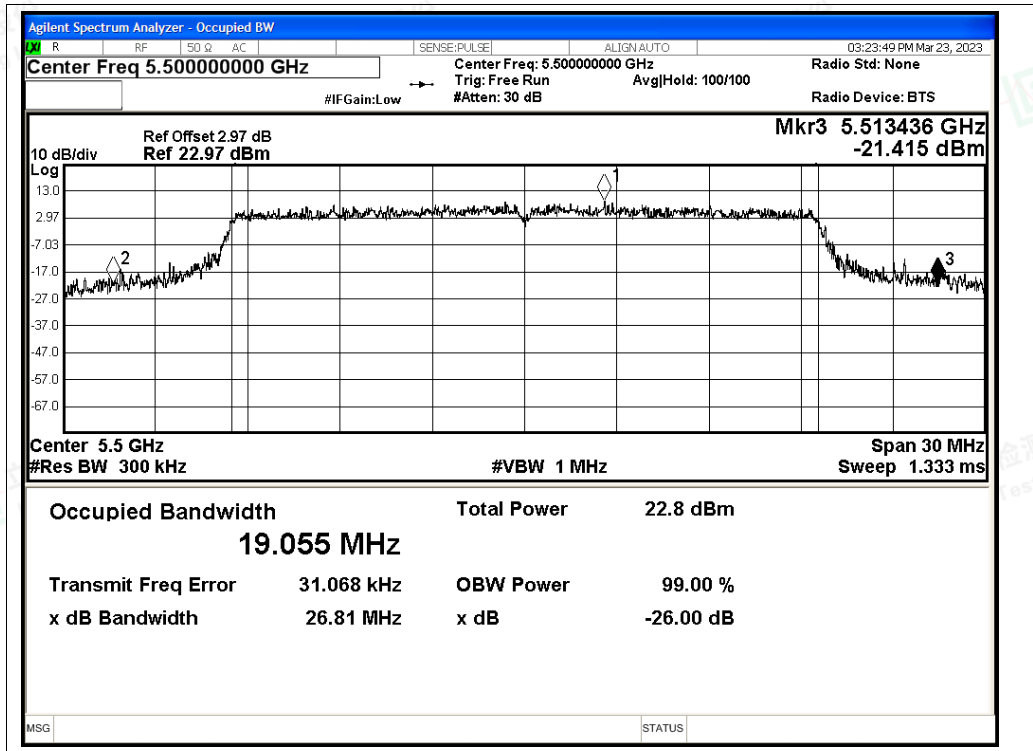


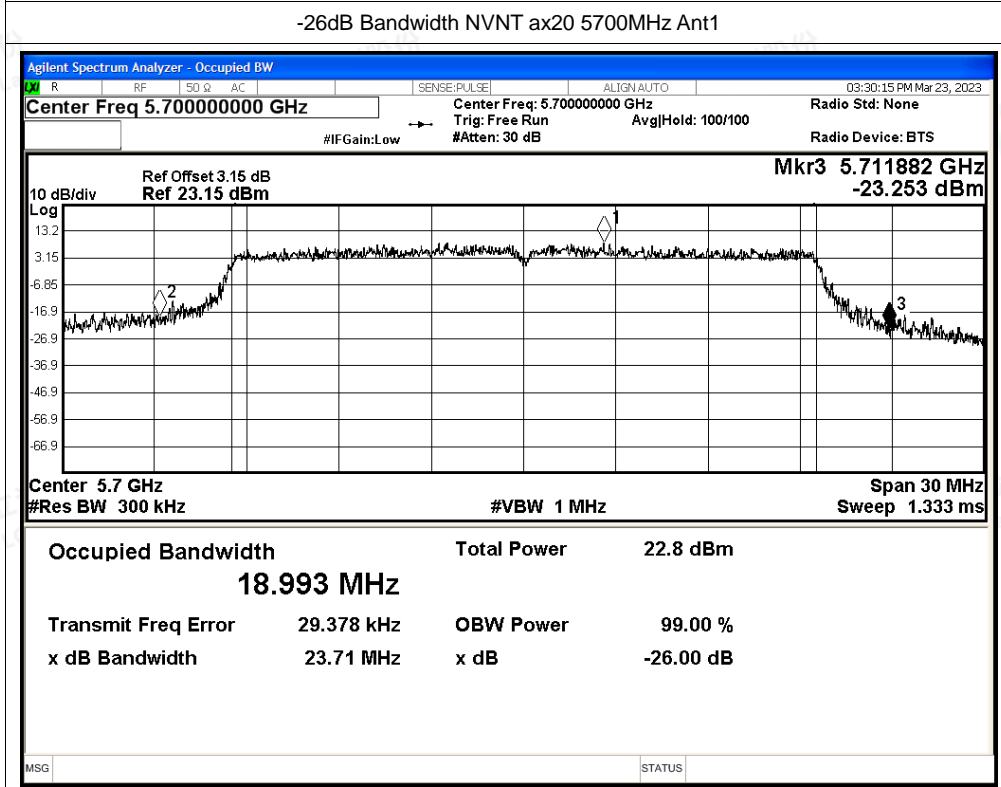
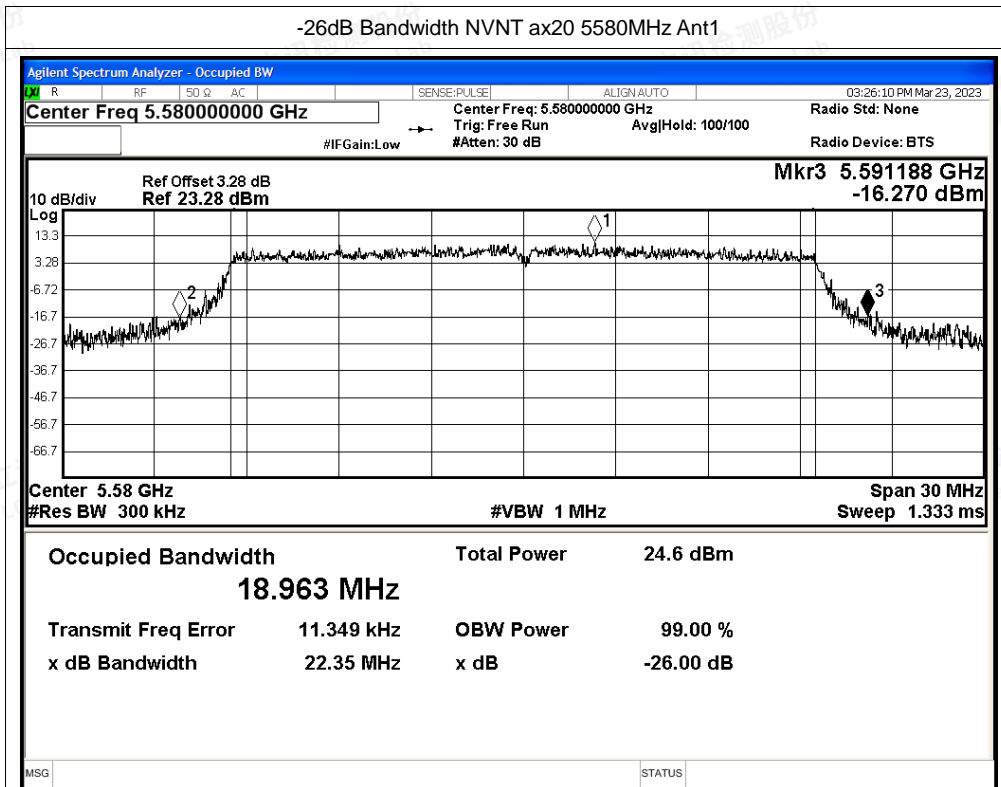
-26dB Bandwidth NVNT ac160 5570MHz Ant1

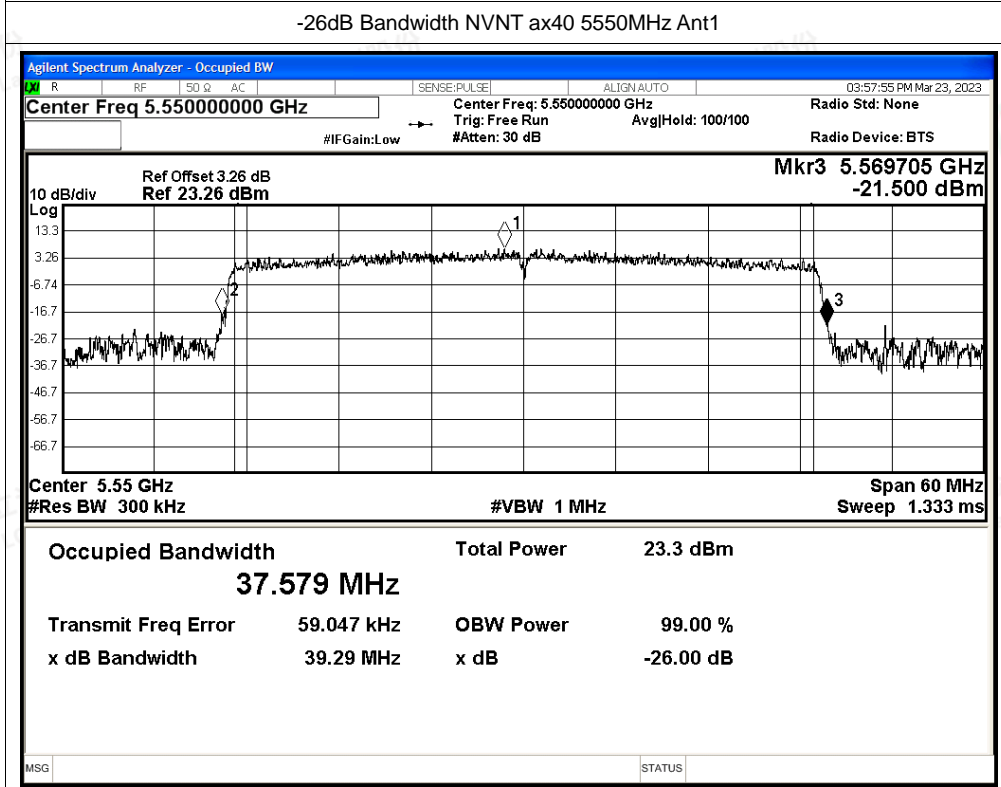
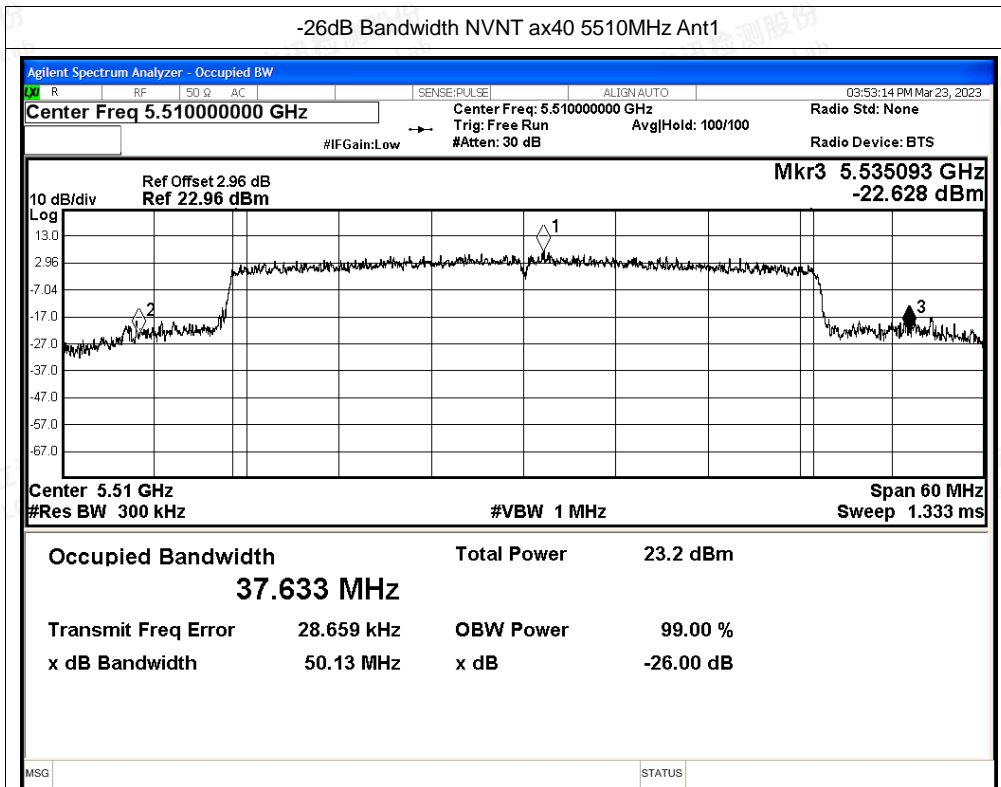


-26dB Bandwidth NVNT ax20 5500MHz Ant1



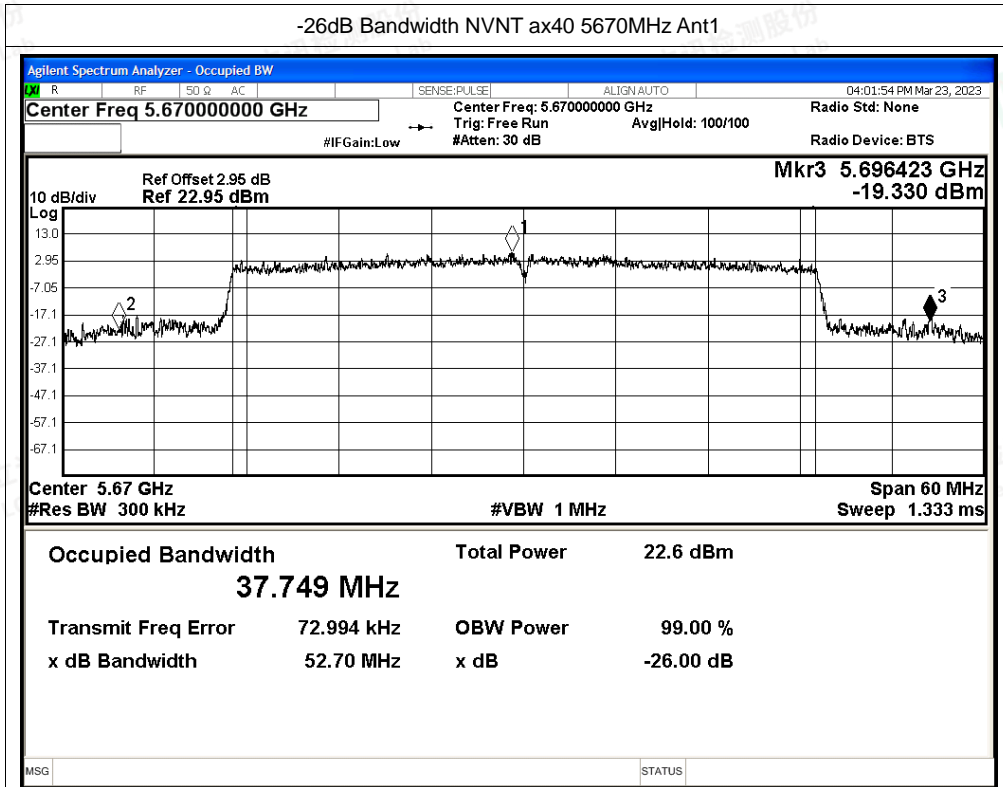




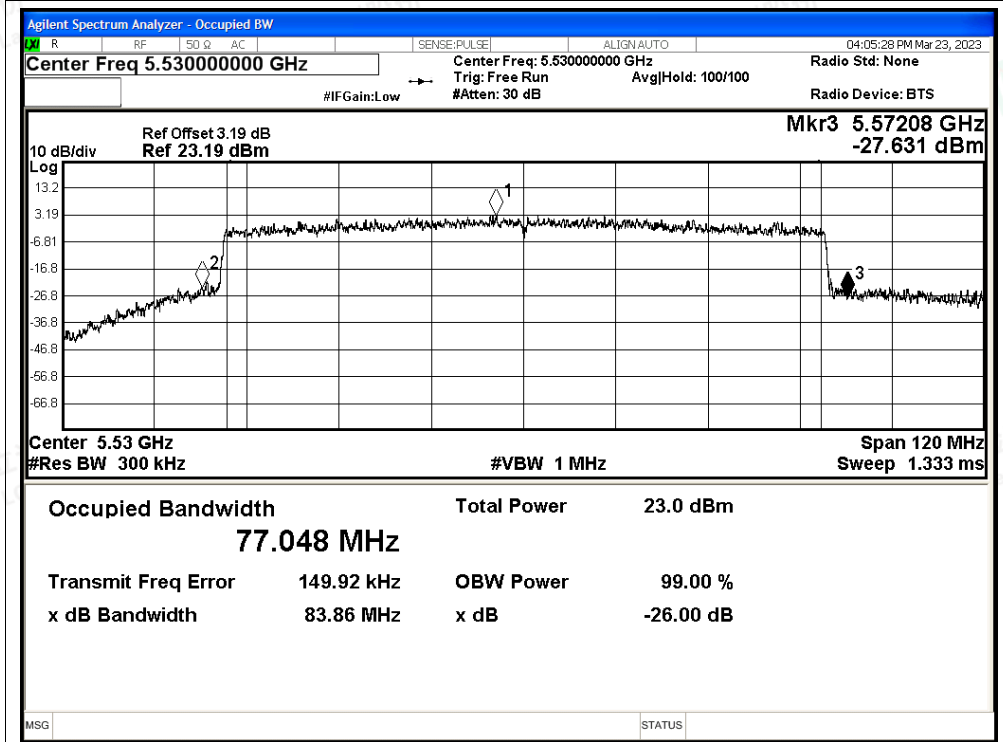




-26dB Bandwidth NVNT ax40 5670MHz Ant1

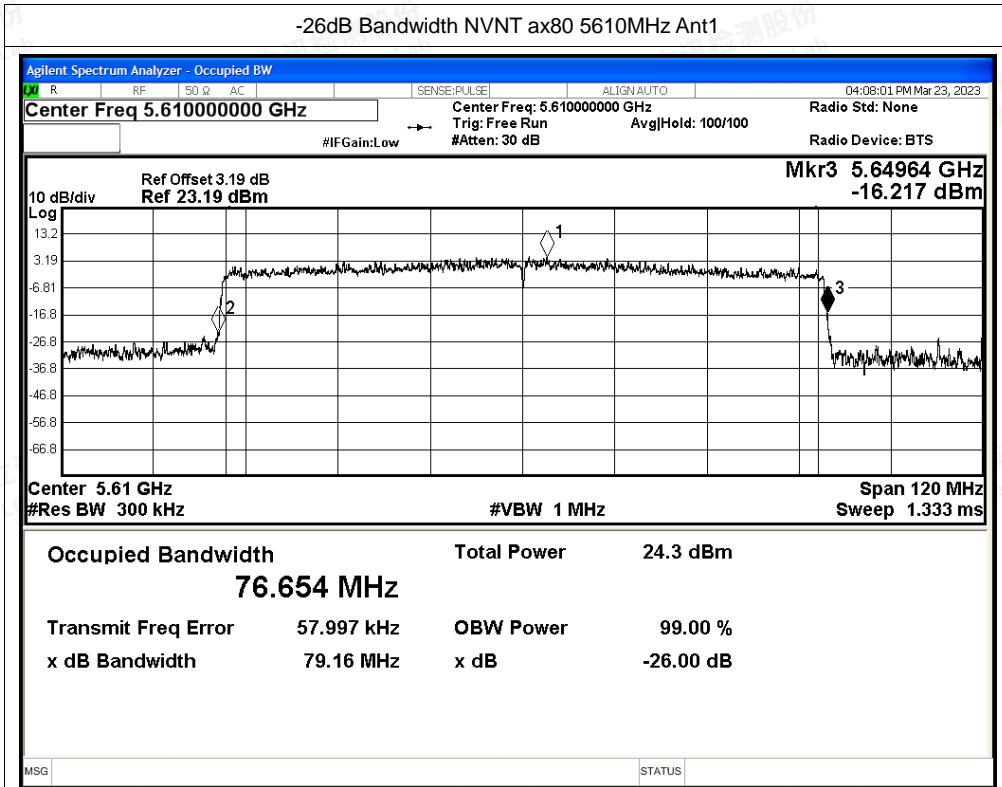


-26dB Bandwidth NVNT ax80 5530MHz Ant1

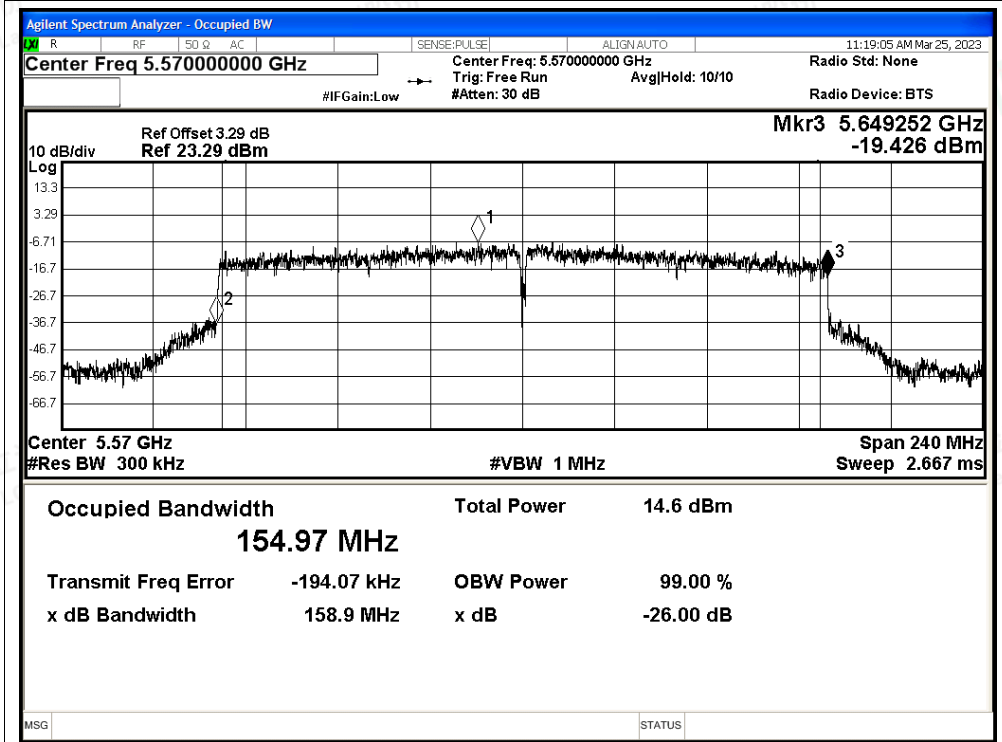




-26dB Bandwidth NVNT ax80 5610MHz Ant1



-26dB Bandwidth NVNT ax160 5570MHz Ant1





Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant2	26.604	>=0.5	Pass
NVNT	a	5580	Ant2	28.196	>=0.5	Pass
NVNT	a	5700	Ant2	24.989	>=0.5	Pass
NVNT	n20	5500	Ant2	26.348	>=0.5	Pass
NVNT	n20	5580	Ant2	23.89	>=0.5	Pass
NVNT	n20	5700	Ant2	24.841	>=0.5	Pass
NVNT	n40	5510	Ant2	47.086	>=0.5	Pass
NVNT	n40	5550	Ant2	39.988	>=0.5	Pass
NVNT	n40	5670	Ant2	49.696	>=0.5	Pass
NVNT	ac20	5500	Ant2	27.541	>=0.5	Pass
NVNT	ac20	5580	Ant2	22.542	>=0.5	Pass
NVNT	ac20	5700	Ant2	25.397	>=0.5	Pass
NVNT	ac40	5510	Ant2	49.253	>=0.5	Pass
NVNT	ac40	5550	Ant2	39.594	>=0.5	Pass
NVNT	ac40	5670	Ant2	55.118	>=0.5	Pass
NVNT	ac80	5530	Ant2	99.813	>=0.5	Pass
NVNT	ac80	5610	Ant2	78.659	>=0.5	Pass
NVNT	ac160	5570	Ant2	167.311	>=0.5	Pass
NVNT	ax20	5500	Ant2	28.339	>=0.5	Pass
NVNT	ax20	5580	Ant2	23.217	>=0.5	Pass
NVNT	ax20	5700	Ant2	26.159	>=0.5	Pass
NVNT	ax40	5510	Ant2	47.959	>=0.5	Pass
NVNT	ax40	5550	Ant2	39.774	>=0.5	Pass
NVNT	ax40	5670	Ant2	53.6	>=0.5	Pass
NVNT	ax80	5530	Ant2	80.237	>=0.5	Pass
NVNT	ax80	5610	Ant2	79.108	>=0.5	Pass
NVNT	ax160	5570	Ant2	158.891	>=0.5	Pass

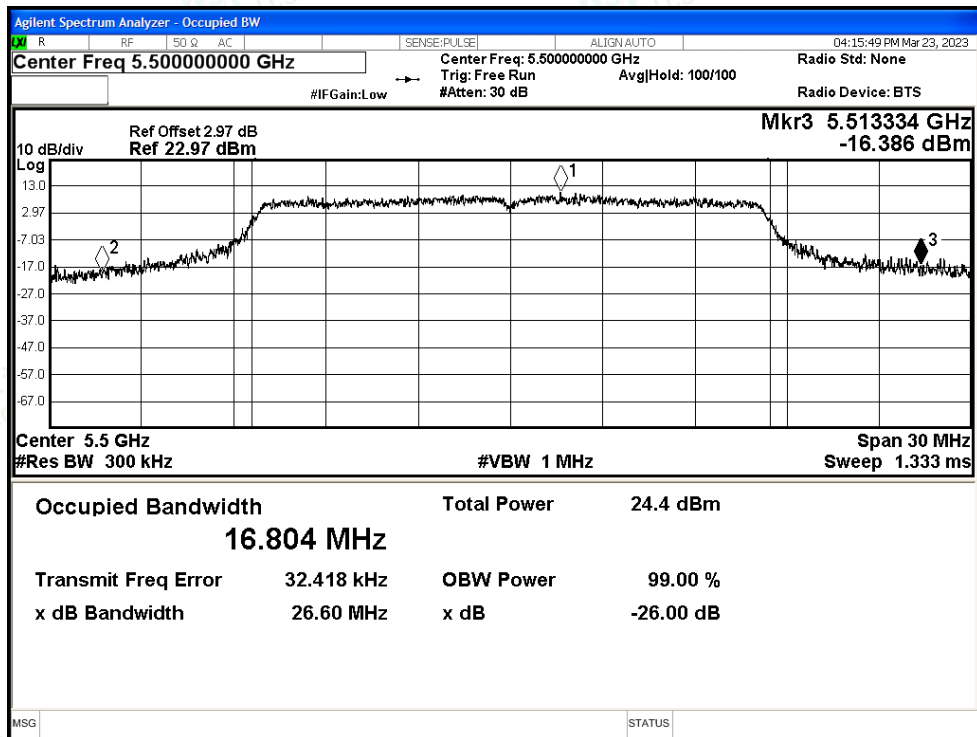




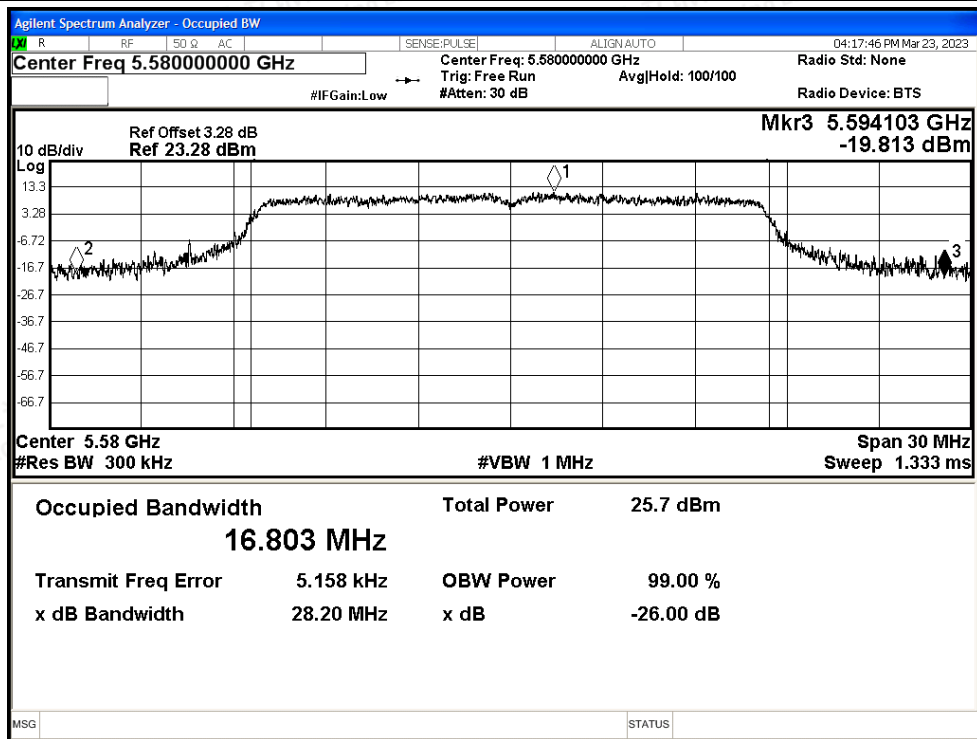


Test Graphs

-26dB Bandwidth NVNT a 5500MHz Ant2

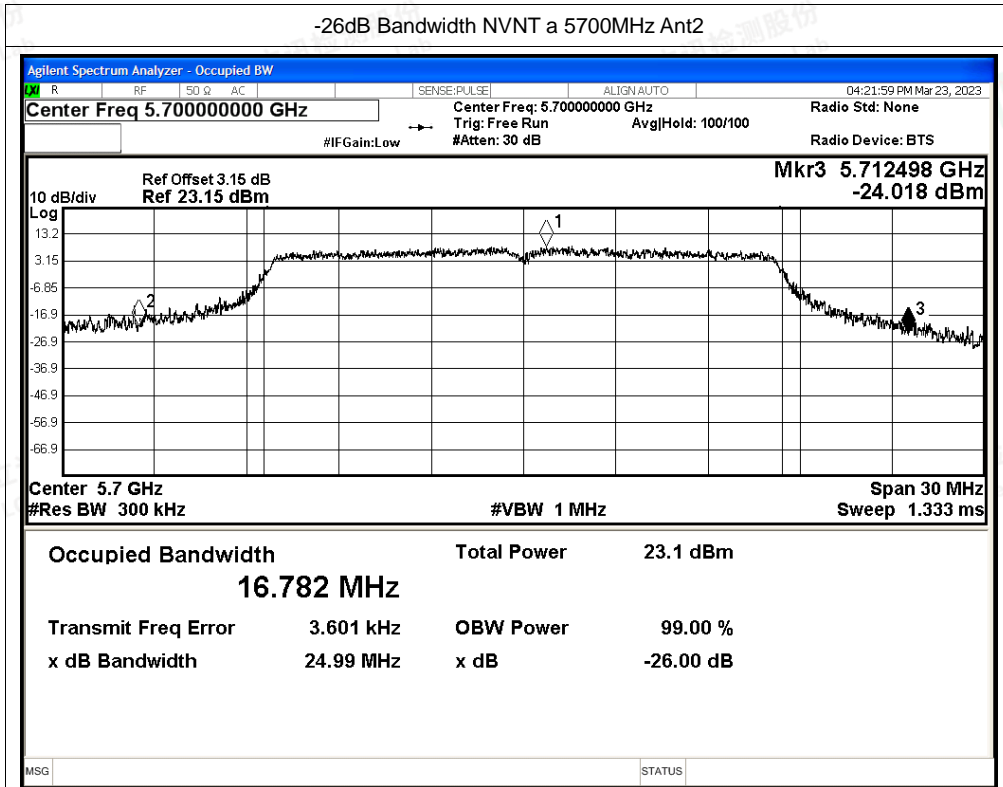


-26dB Bandwidth NVNT a 5580MHz Ant2

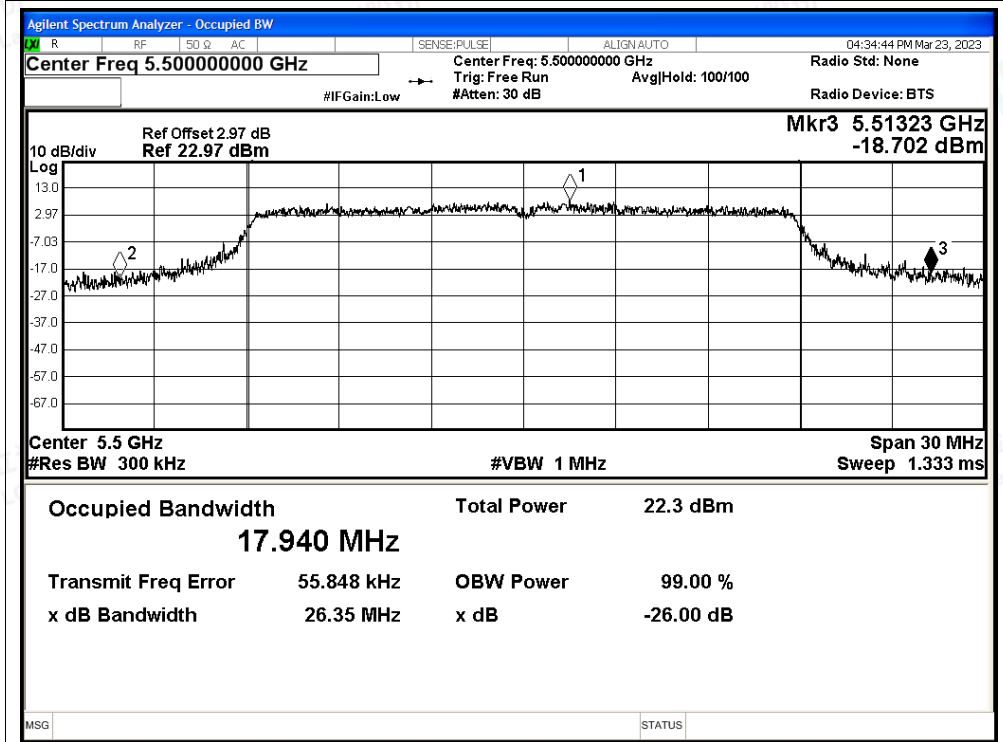


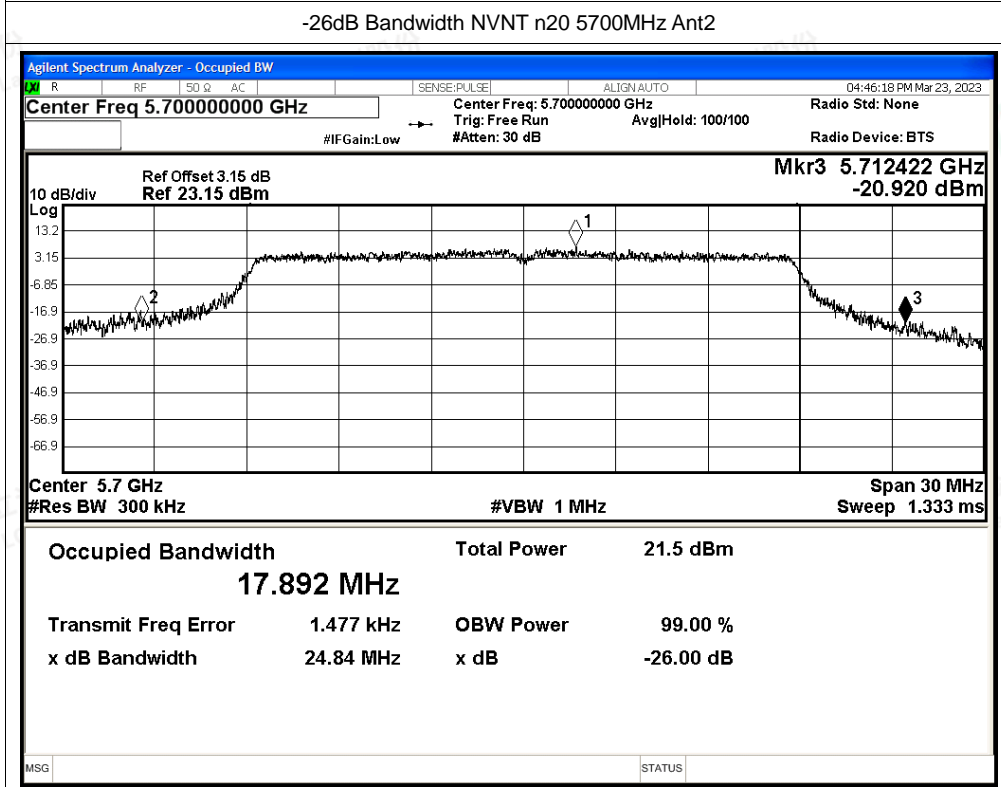
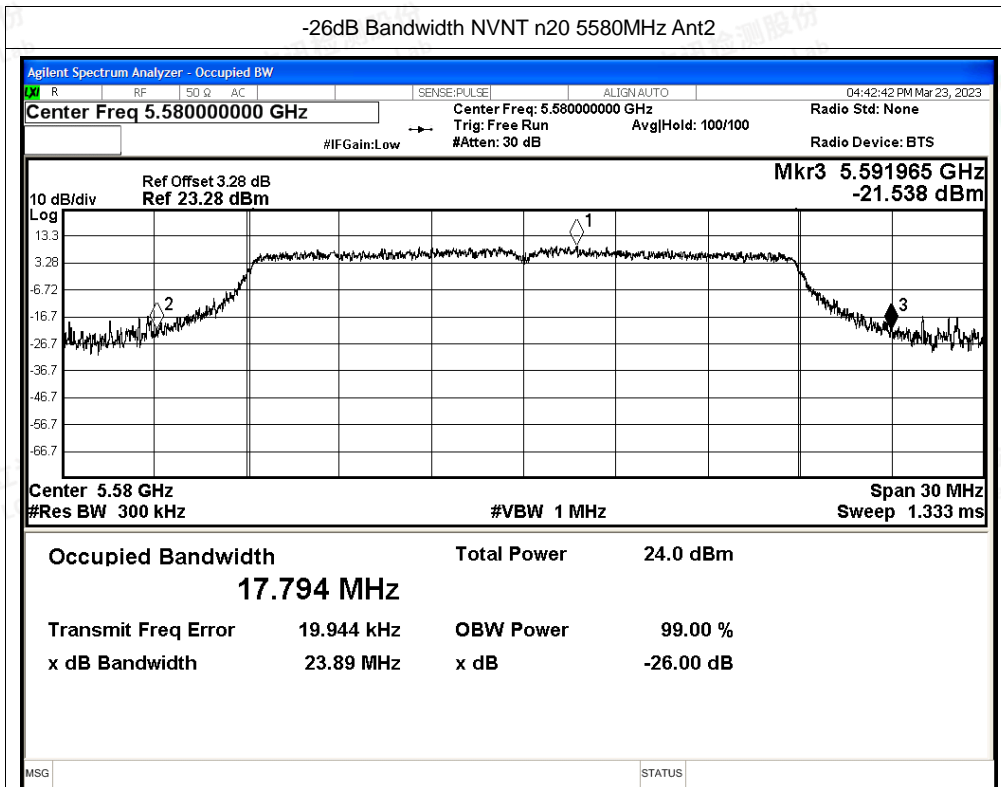


-26dB Bandwidth NVNT a 5700MHz Ant2



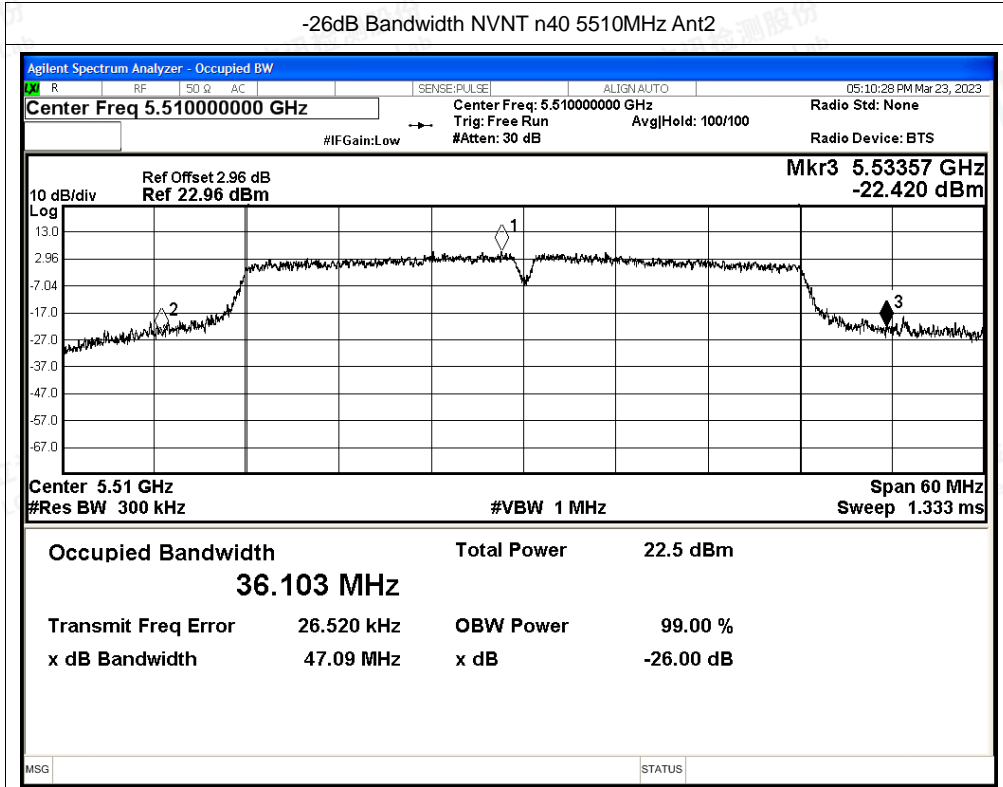
-26dB Bandwidth NVNT n20 5500MHz Ant2



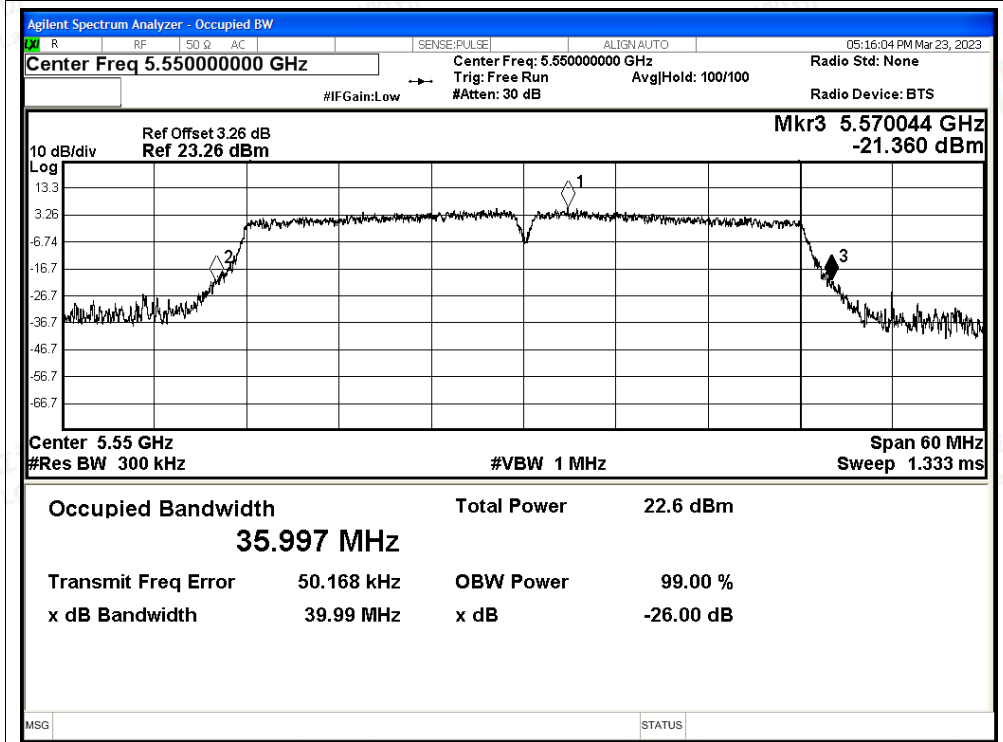




-26dB Bandwidth NVNT n40 5510MHz Ant2

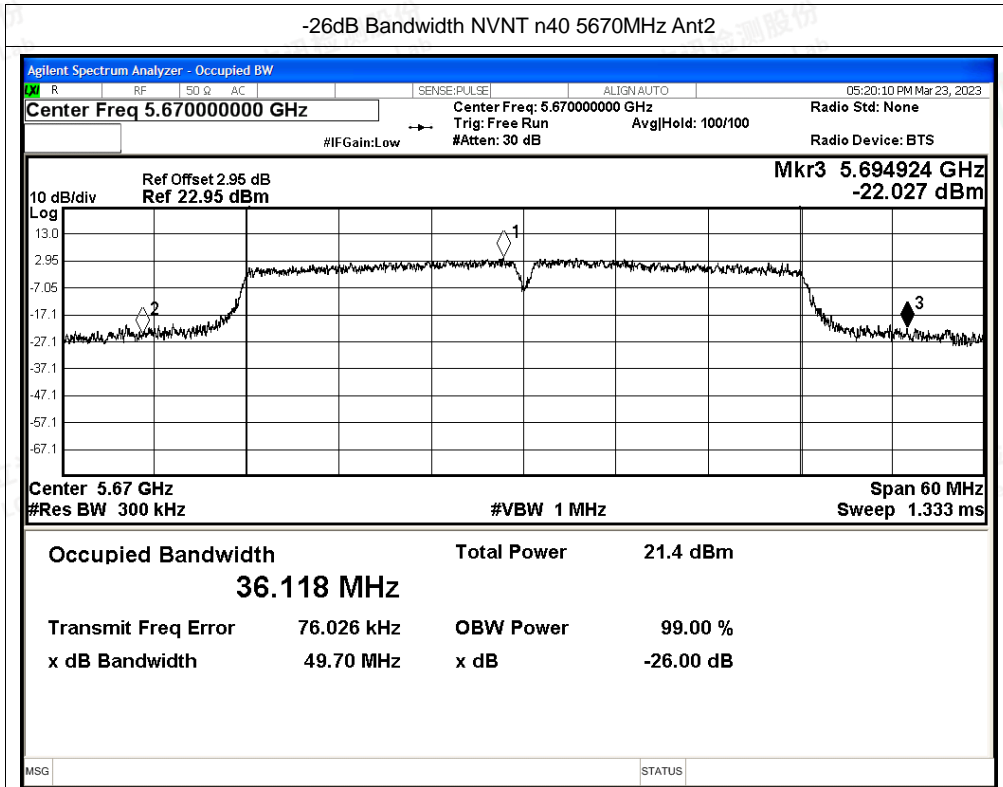


-26dB Bandwidth NVNT n40 5550MHz Ant2

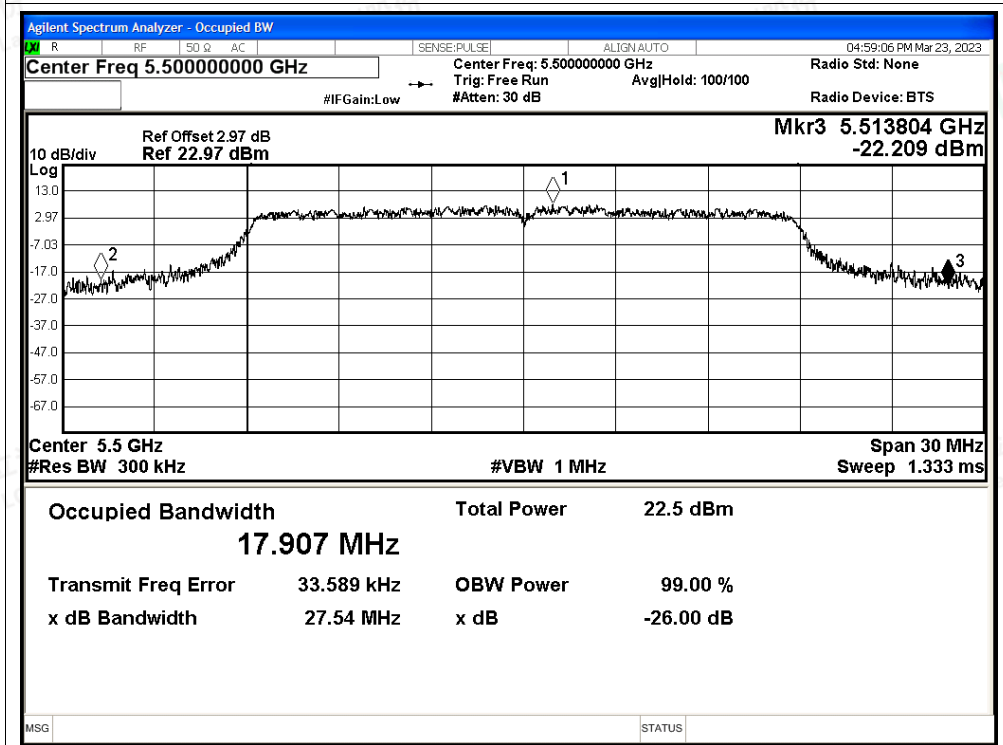




-26dB Bandwidth NVNT n40 5670MHz Ant2

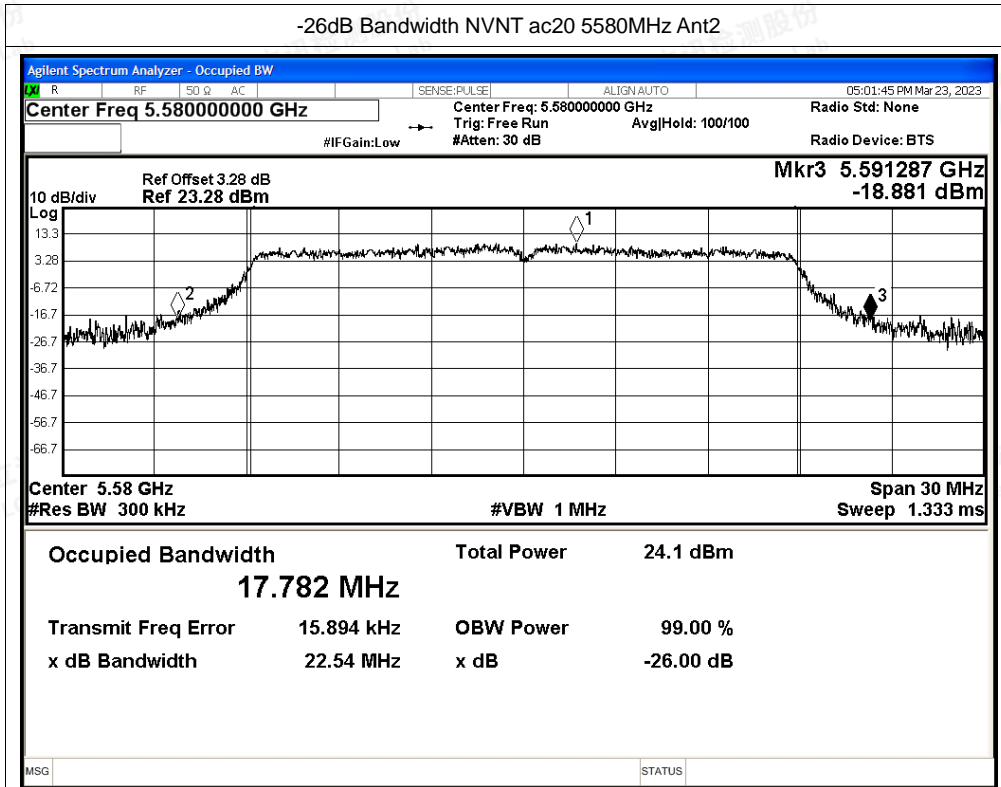


-26dB Bandwidth NVNT ac20 5500MHz Ant2

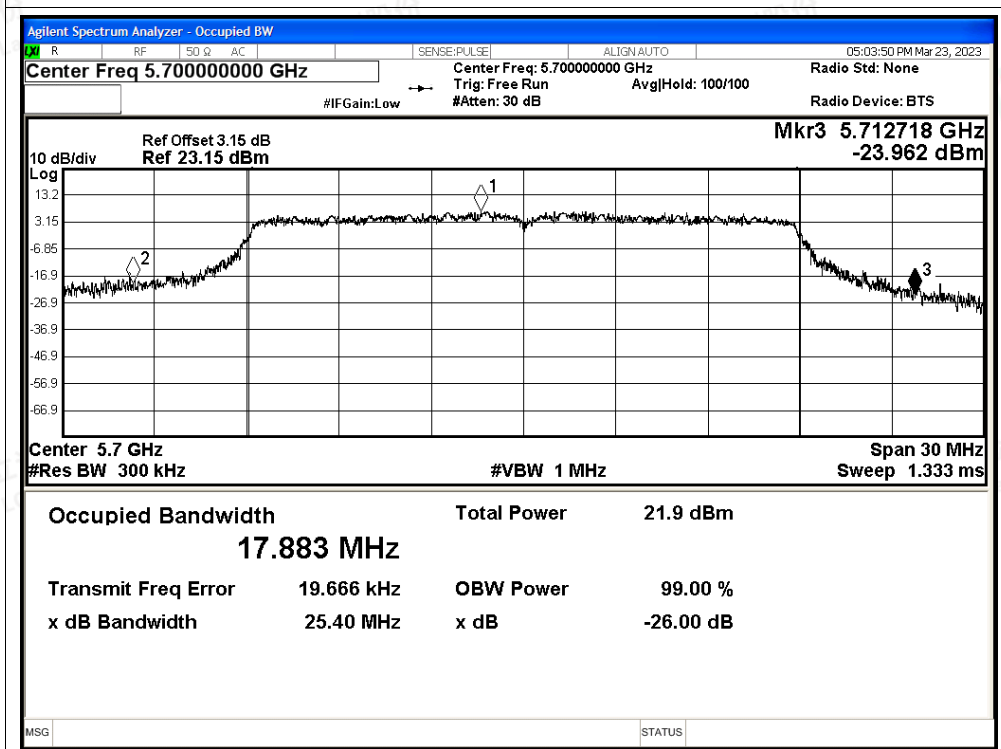




-26dB Bandwidth NVNT ac20 5580MHz Ant2

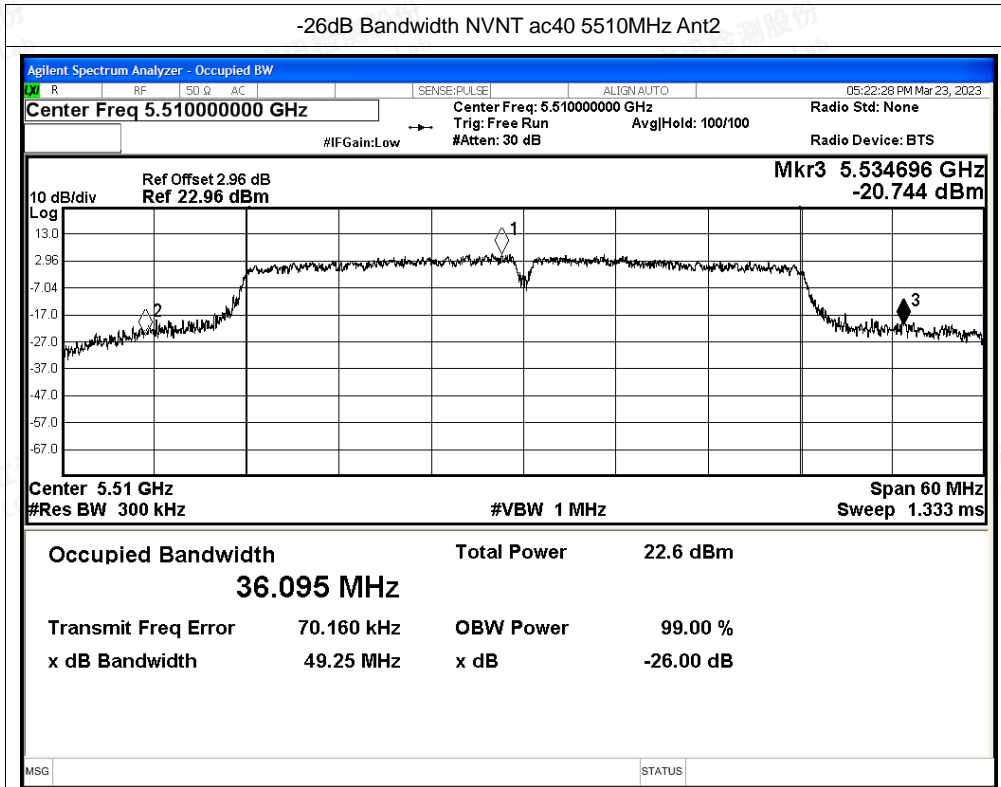


-26dB Bandwidth NVNT ac20 5700MHz Ant2

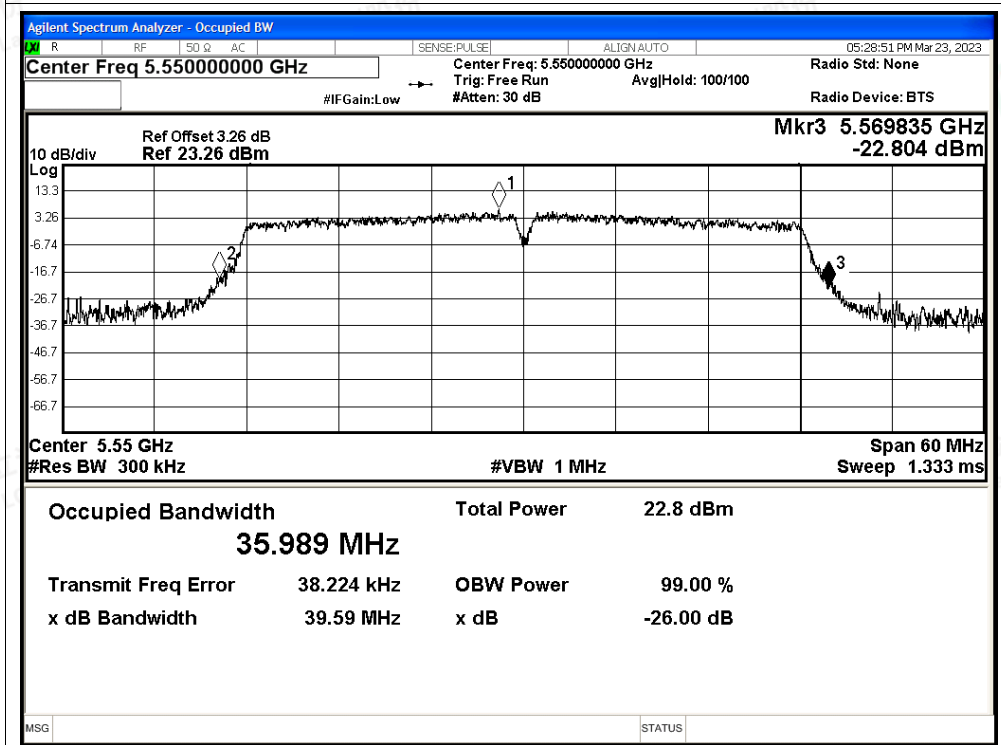




-26dB Bandwidth NVNT ac40 5510MHz Ant2

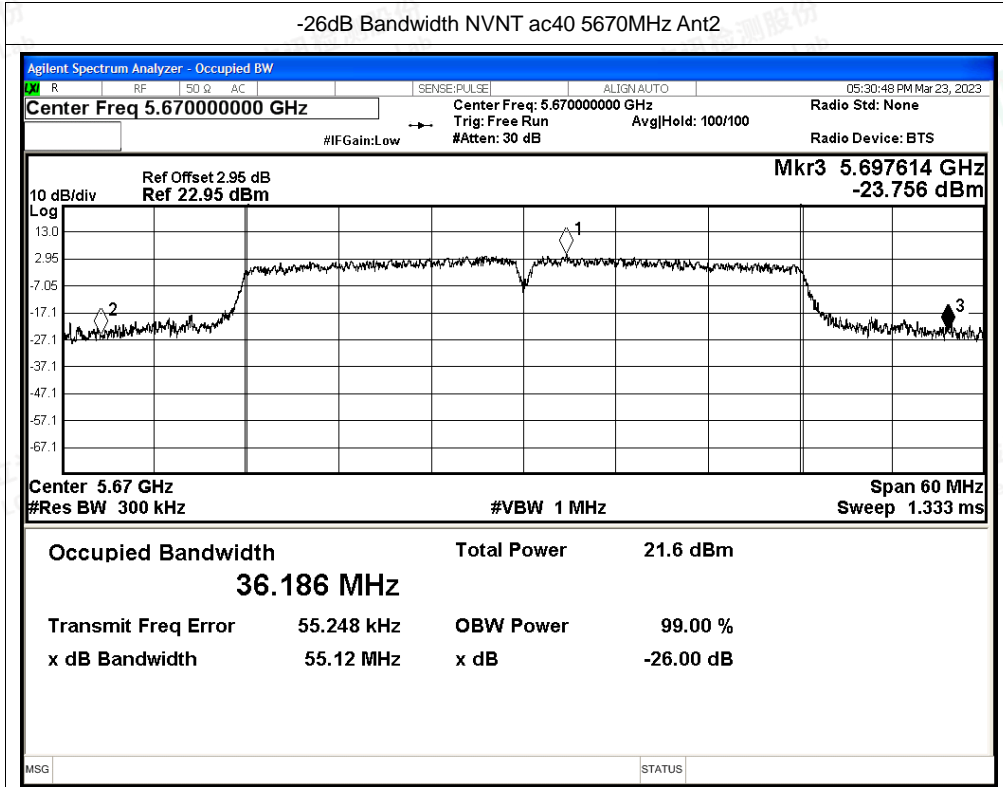


-26dB Bandwidth NVNT ac40 5550MHz Ant2

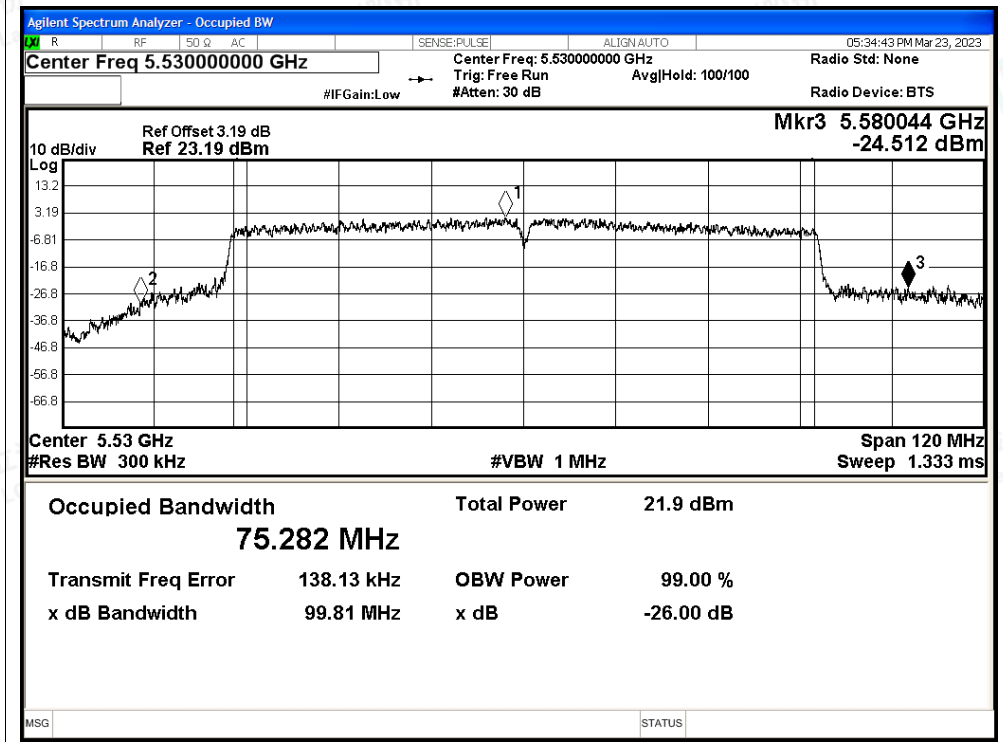




-26dB Bandwidth NVNT ac40 5670MHz Ant2



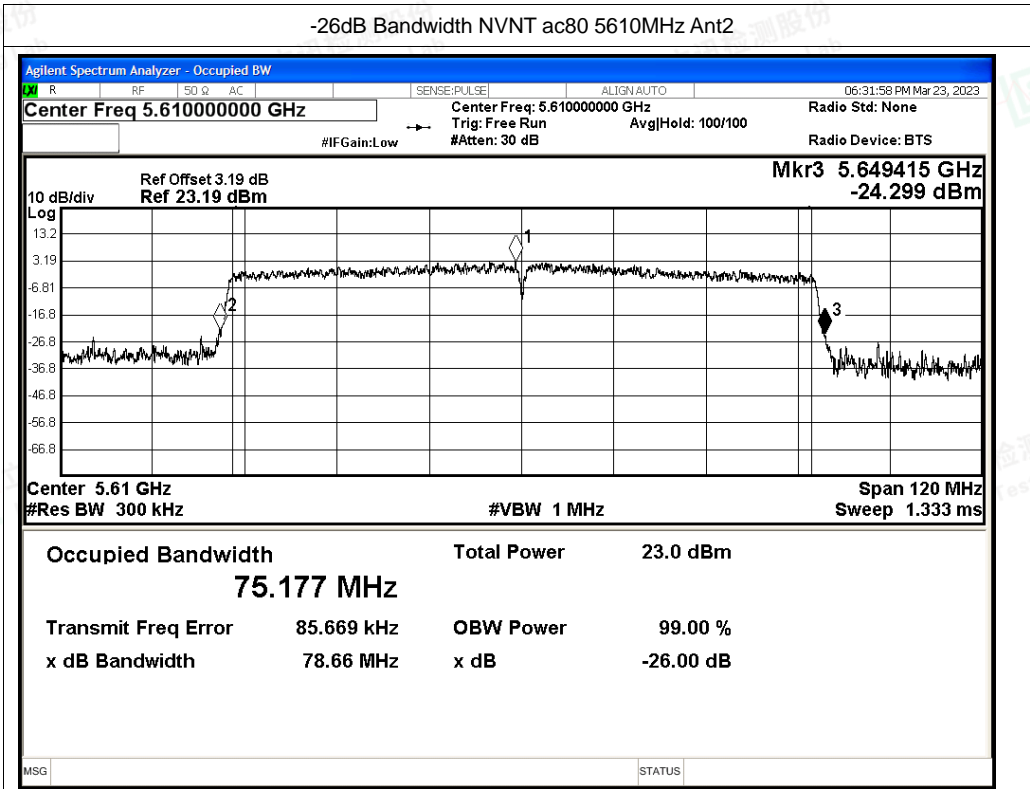
-26dB Bandwidth NVNT ac80 5530MHz Ant2



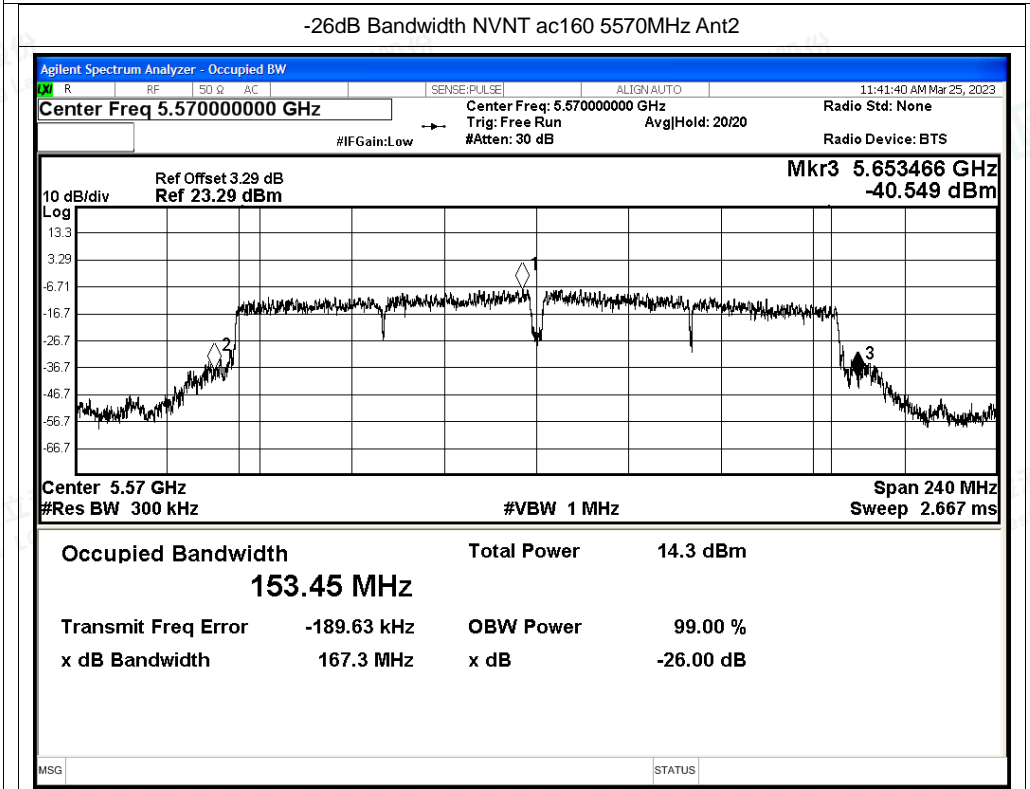




-26dB Bandwidth NVNT ac80 5610MHz Ant2

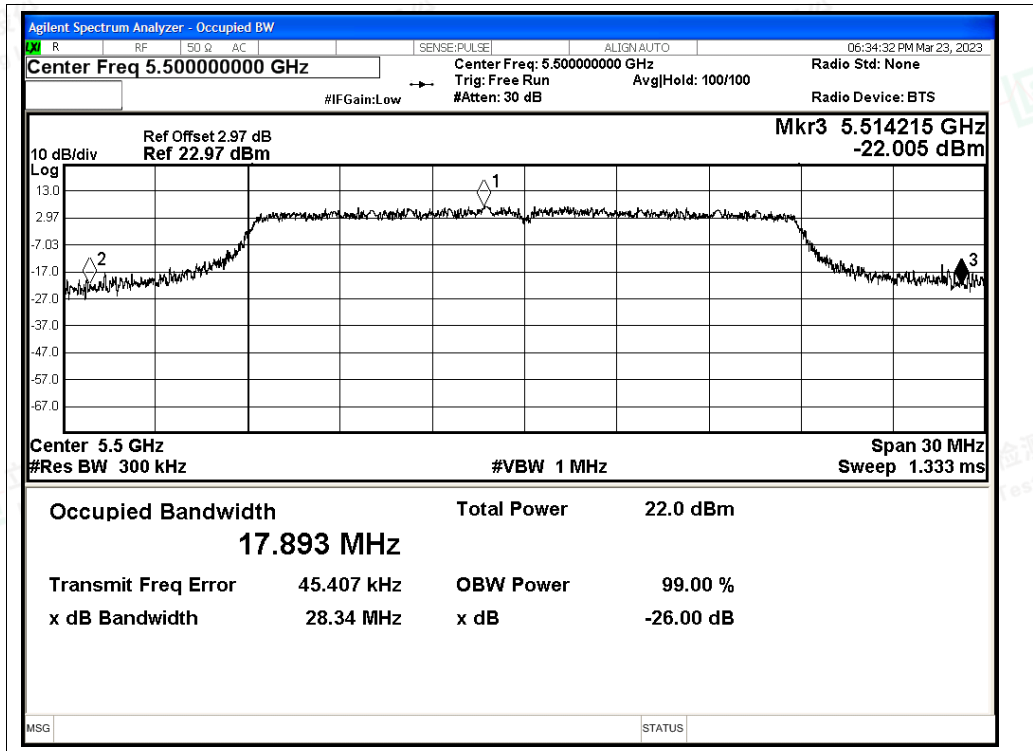


-26dB Bandwidth NVNT ac160 5570MHz Ant2



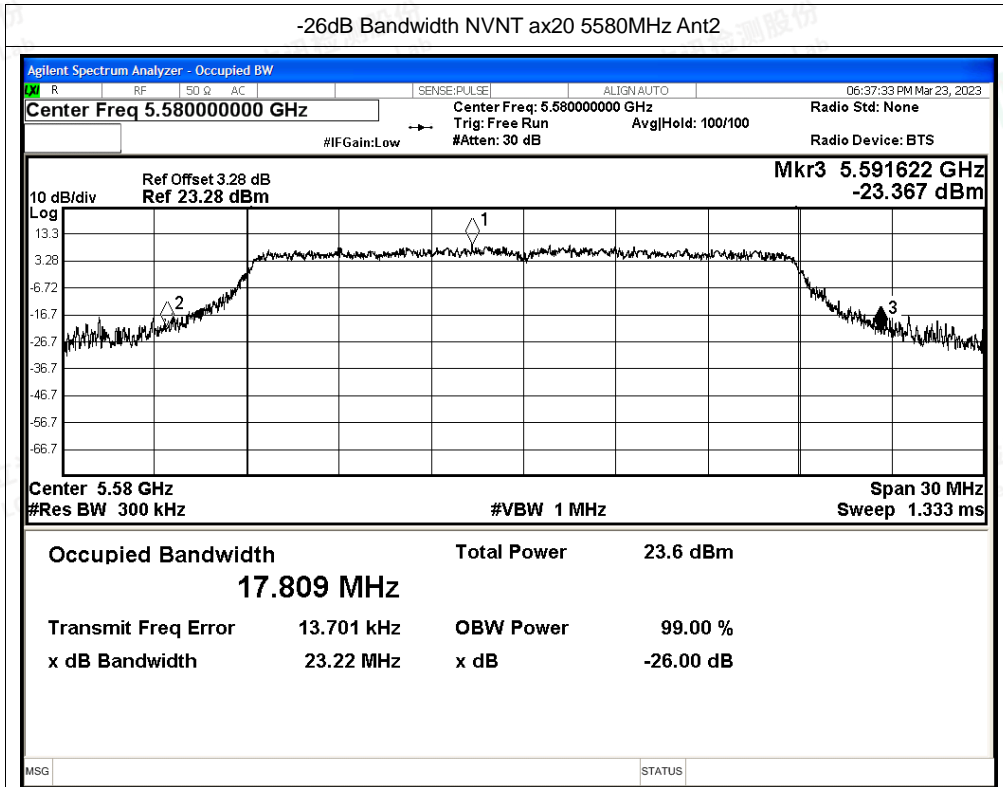
-26dB Bandwidth NVNT ax20 5500MHz Ant2



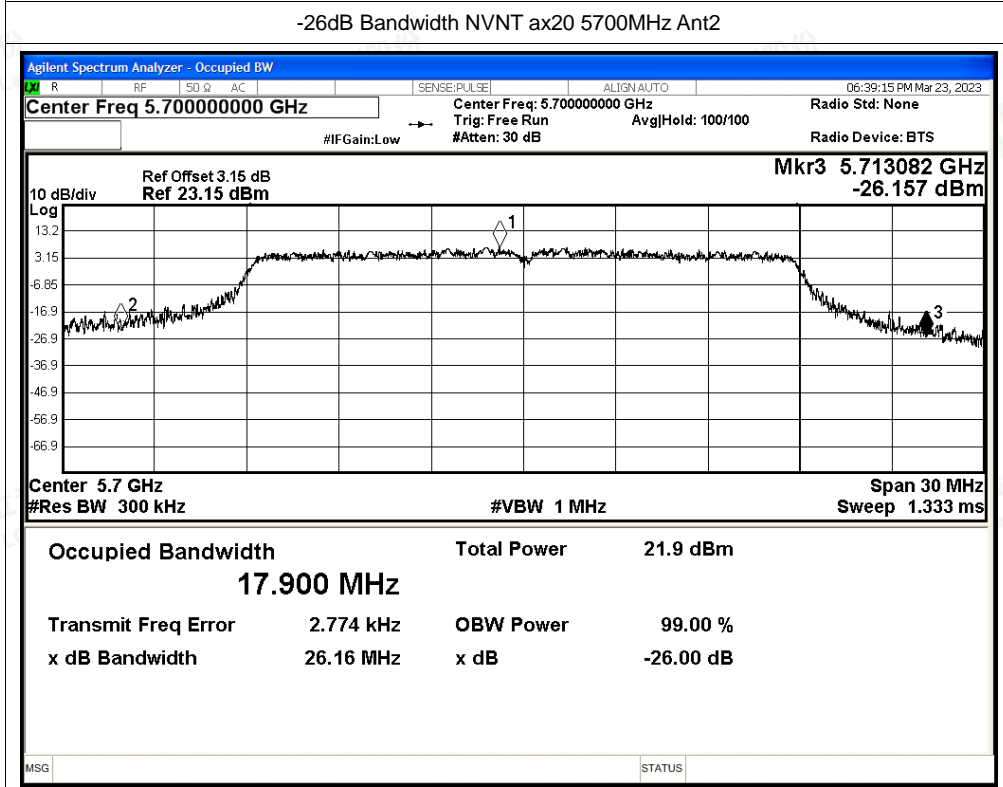




-26dB Bandwidth NVNT ax20 5580MHz Ant2

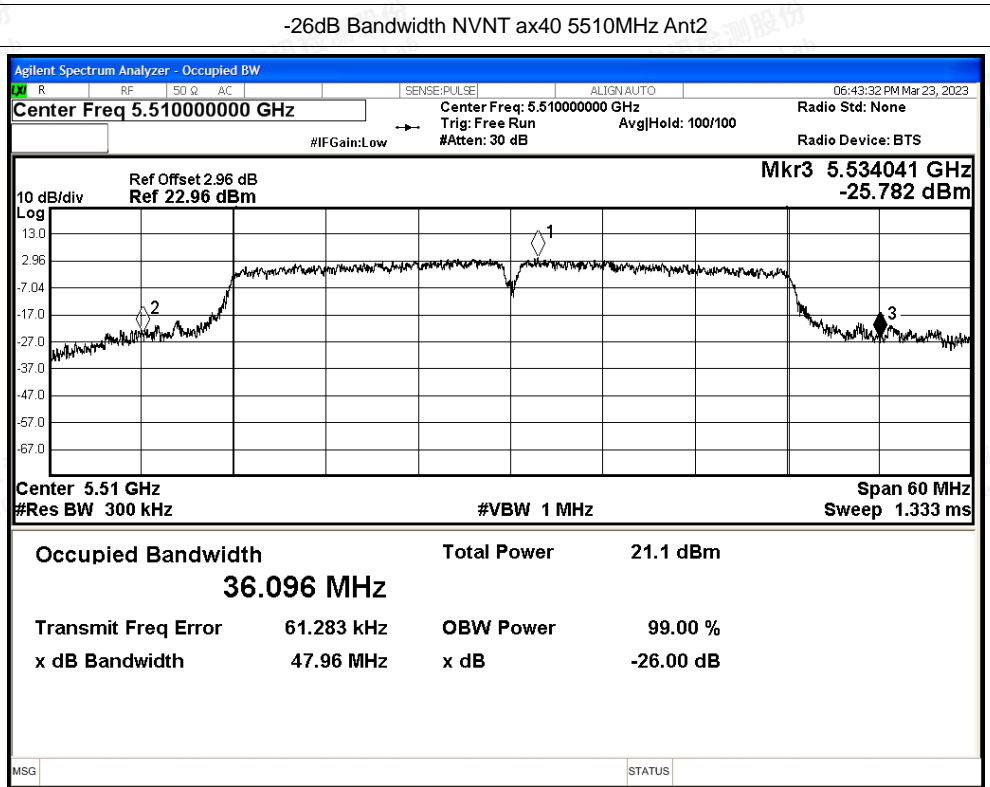


-26dB Bandwidth NVNT ax20 5700MHz Ant2

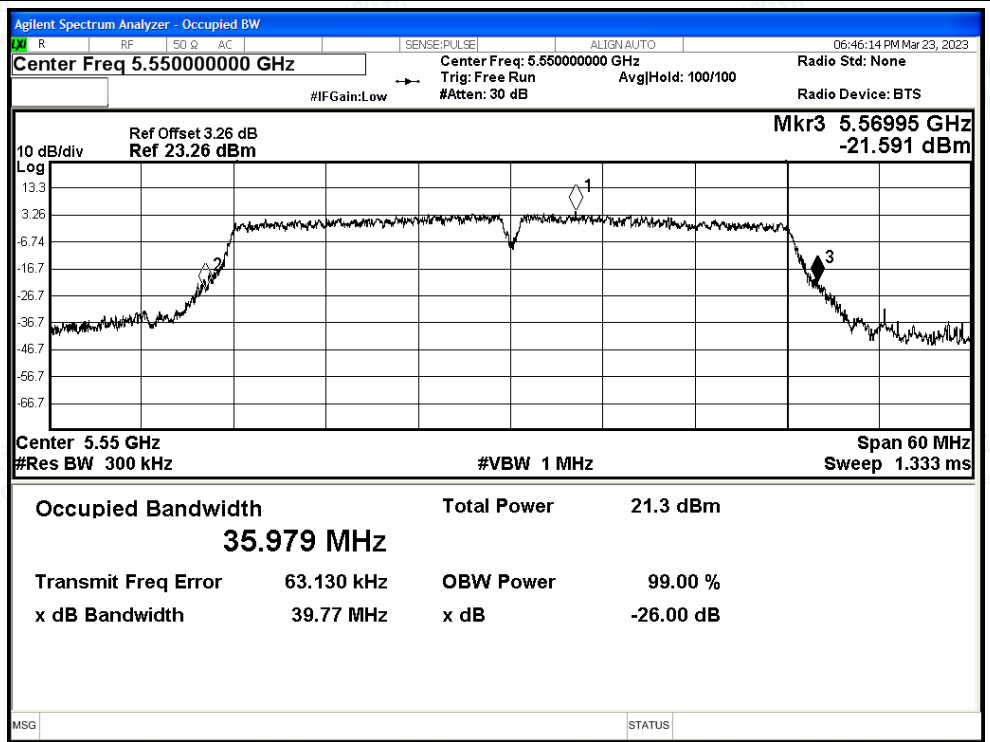




-26dB Bandwidth NVNT ax40 5510MHz Ant2

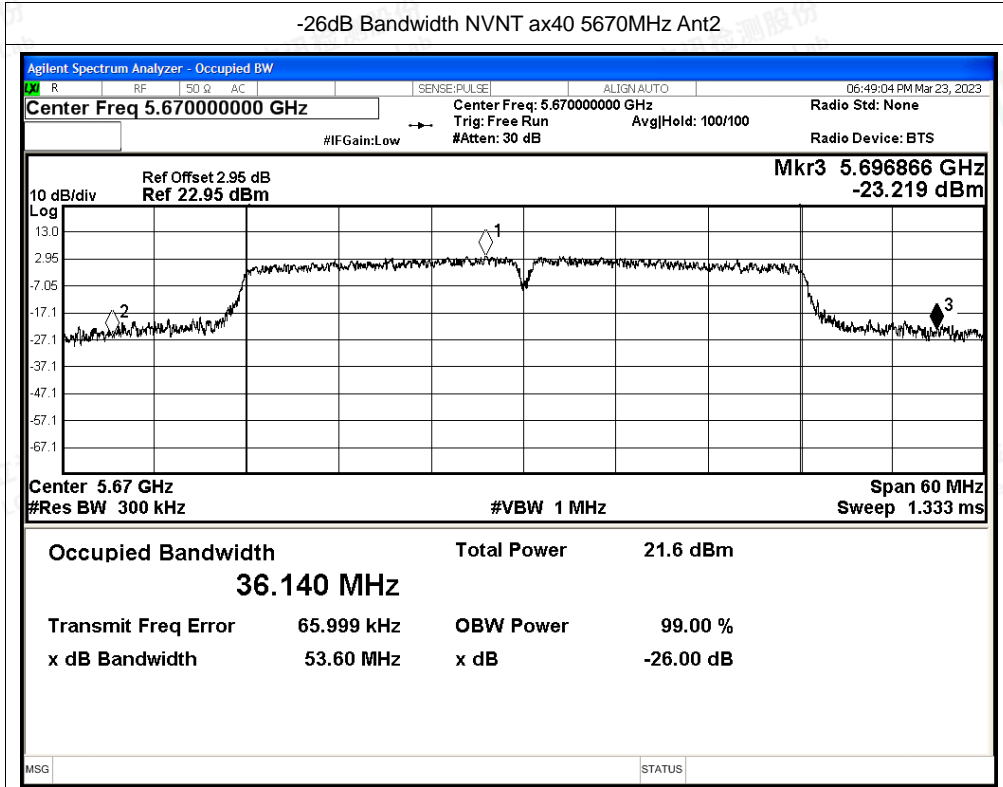


-26dB Bandwidth NVNT ax40 5550MHz Ant2

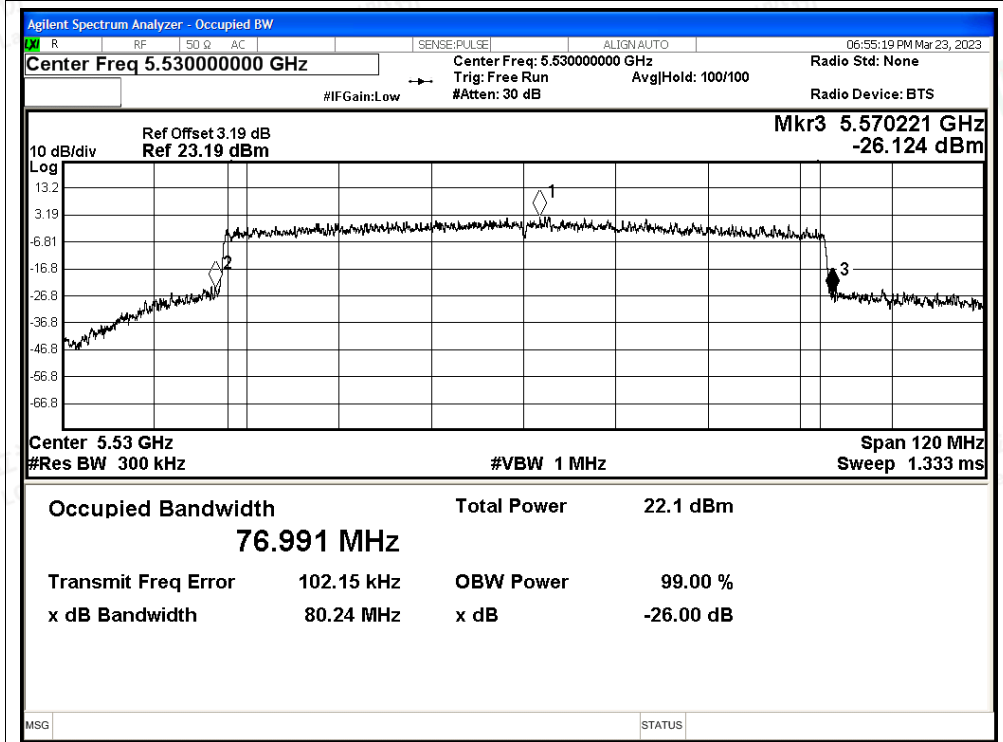




-26dB Bandwidth NVNT ax40 5670MHz Ant2

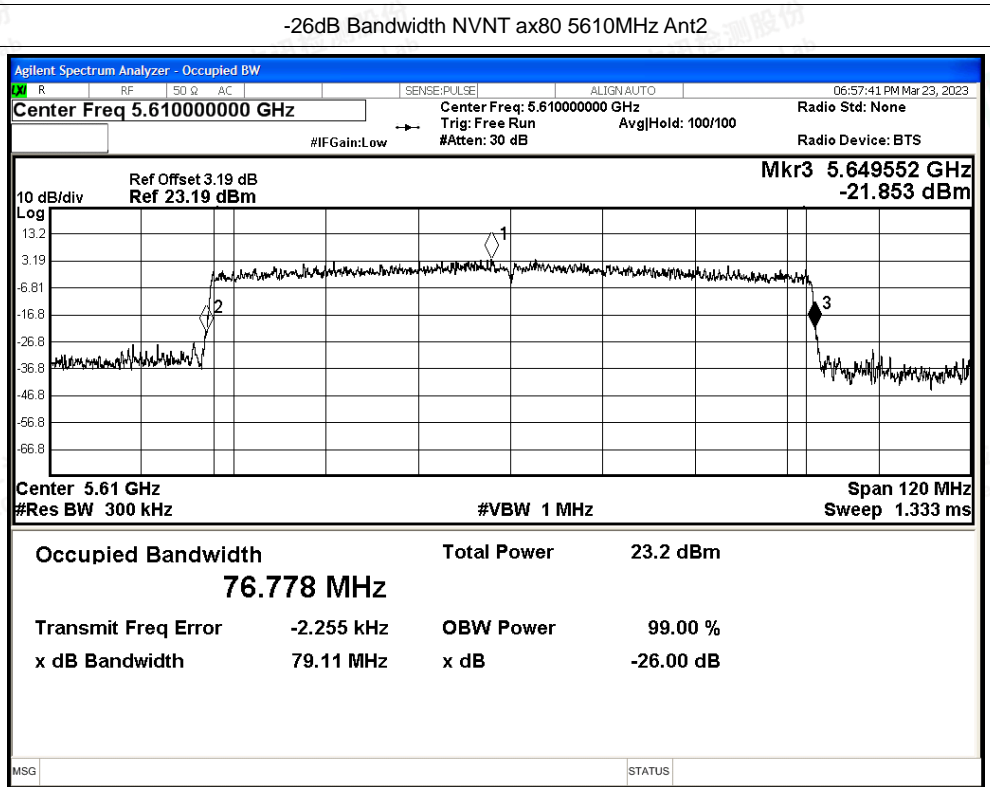


-26dB Bandwidth NVNT ax80 5530MHz Ant2

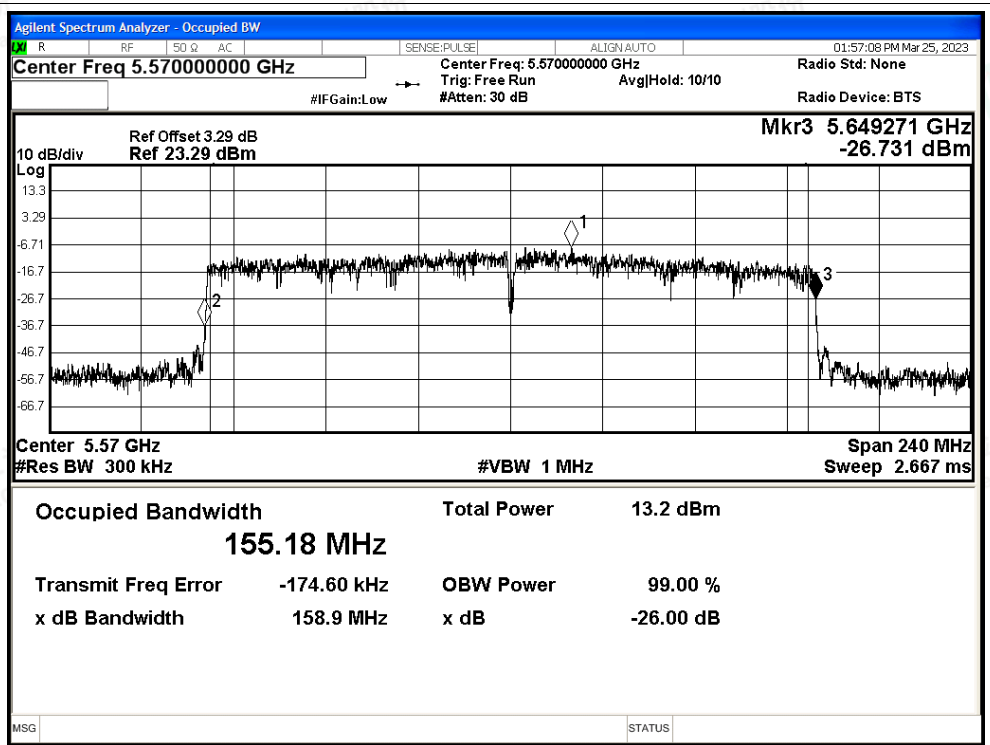




-26dB Bandwidth NVNT ax80 5610MHz Ant2



-26dB Bandwidth NVNT ax160 5570MHz Ant2





## 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	5500	Ant0	18.56	0.17	18.73	24	Pass
NVNT	a	5580	Ant0	20.07	0.17	20.24	24	Pass
NVNT	a	5700	Ant0	19.35	0.17	19.52	24	Pass
NVNT	n20	5500	Ant0	16.09	0.18	16.27	24	Pass
NVNT	n20	5580	Ant0	16.72	0.18	16.9	24	Pass
NVNT	n20	5700	Ant0	15.79	0.18	15.97	24	Pass
NVNT	n40	5510	Ant0	15.96	0.36	16.32	24	Pass
NVNT	n40	5550	Ant0	16.1	0.37	16.47	24	Pass
NVNT	n40	5670	Ant0	15.4	0.36	15.76	24	Pass
NVNT	ac20	5500	Ant0	15.88	0.49	16.37	24	Pass
NVNT	ac20	5580	Ant0	16.48	0.48	16.96	24	Pass
NVNT	ac20	5700	Ant0	15.77	0.49	16.26	24	Pass
NVNT	ac40	5510	Ant0	15.52	0.84	16.36	24	Pass
NVNT	ac40	5550	Ant0	15.75	0.86	16.61	24	Pass
NVNT	ac40	5670	Ant0	15.09	0.86	15.95	24	Pass
NVNT	ac80	5530	Ant0	14.61	1.41	16.02	24	Pass
NVNT	ac80	5610	Ant0	15.8	1.41	17.21	24	Pass
NVNT	ac160	5570	Ant0	7.74	1.79	9.53	24	Pass
NVNT	ax20	5500	Ant0	15.65	0.54	16.19	24	Pass
NVNT	ax20	5580	Ant0	16.25	0.54	16.79	24	Pass
NVNT	ax20	5700	Ant0	15.97	0.53	16.5	24	Pass
NVNT	ax40	5510	Ant0	16.2	0.55	16.75	24	Pass
NVNT	ax40	5550	Ant0	16.47	0.54	17.01	24	Pass
NVNT	ax40	5670	Ant0	15.75	0.55	16.3	24	Pass
NVNT	ax80	5530	Ant0	14.86	0.55	15.41	24	Pass
NVNT	ax80	5610	Ant0	15.98	0.55	16.53	24	Pass
NVNT	ax160	5570	Ant0	7.38	1.26	8.64	24	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	18.66	0.17	18.83	24	Pass
NVNT	a	5580	Ant1	20.07	0.17	20.24	24	Pass
NVNT	a	5700	Ant1	17.4	0.17	17.57	24	Pass
NVNT	n20	5500	Ant1	16.01	0.18	16.19	24	Pass
NVNT	n20	5580	Ant1	15.77	0.18	15.95	24	Pass
NVNT	n20	5700	Ant1	15.87	0.19	16.06	24	Pass
NVNT	n40	5510	Ant1	15.93	0.36	16.29	24	Pass





NVNT	n40	5550	Ant1	16.17	0.36	16.53	24	Pass
NVNT	n40	5670	Ant1	15.45	0.36	15.81	24	Pass
NVNT	ac20	5500	Ant1	14.81	0.49	15.3	24	Pass
NVNT	ac20	5580	Ant1	15.61	0.48	16.09	24	Pass
NVNT	ac20	5700	Ant1	14.8	0.48	15.28	24	Pass
NVNT	ac40	5510	Ant1	15.36	0.86	16.22	24	Pass
NVNT	ac40	5550	Ant1	15.81	0.86	16.67	24	Pass
NVNT	ac40	5670	Ant1	15.12	0.84	15.96	24	Pass
NVNT	ac80	5530	Ant1	14.6	1.39	15.99	24	Pass
NVNT	ac80	5610	Ant1	15.81	1.41	17.22	24	Pass
NVNT	ac160	5570	Ant1	7.69	1.75	9.44	24	Pass
NVNT	ax20	5500	Ant1	15.05	0.53	15.58	24	Pass
NVNT	ax20	5580	Ant1	15.69	0.54	16.23	24	Pass
NVNT	ax20	5700	Ant1	14.94	0.54	15.48	24	Pass
NVNT	ax40	5510	Ant1	16.16	0.55	16.71	24	Pass
NVNT	ax40	5550	Ant1	16.42	0.54	16.96	24	Pass
NVNT	ax40	5670	Ant1	15.69	0.55	16.24	24	Pass
NVNT	ax80	5530	Ant1	15.85	0.55	16.4	24	Pass
NVNT	ax80	5610	Ant1	16.97	0.55	17.52	24	Pass
NVNT	ax160	5570	Ant1	7.48	1.26	8.74	24	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant2	18.57	0.17	18.74	24	Pass
NVNT	a	5580	Ant2	19.99	0.17	20.16	24	Pass
NVNT	a	5700	Ant2	17.39	0.17	17.56	24	Pass
NVNT	n20	5500	Ant2	15.46	0.19	15.65	24	Pass
NVNT	n20	5580	Ant2	16.2	0.19	16.39	24	Pass
NVNT	n20	5700	Ant2	15.73	0.18	15.91	24	Pass
NVNT	n40	5510	Ant2	16.47	0.36	16.83	24	Pass
NVNT	n40	5550	Ant2	16.61	0.37	16.98	24	Pass
NVNT	n40	5670	Ant2	15.38	0.36	15.74	24	Pass
NVNT	ac20	5500	Ant2	15.36	0.48	15.84	24	Pass
NVNT	ac20	5580	Ant2	16.08	0.48	16.56	24	Pass
NVNT	ac20	5700	Ant2	15.84	0.48	16.32	24	Pass
NVNT	ac40	5510	Ant2	15.99	0.84	16.83	24	Pass
NVNT	ac40	5550	Ant2	16.24	0.84	17.08	24	Pass
NVNT	ac40	5670	Ant2	15.14	0.86	16	24	Pass
NVNT	ac80	5530	Ant2	14.56	1.39	15.95	24	Pass
NVNT	ac80	5610	Ant2	15.84	1.39	17.23	24	Pass
NVNT	ac160	5570	Ant2	7.66	1.76	9.42	24	Pass







NVNT	ax20	5500	Ant2	14.96	0.49	15.45	24	Pass
NVNT	ax20	5580	Ant2	15.58	0.48	16.06	24	Pass
NVNT	ax20	5700	Ant2	14.86	0.49	15.35	24	Pass
NVNT	ax40	5510	Ant2	14.63	0.85	15.48	24	Pass
NVNT	ax40	5550	Ant2	14.73	0.84	15.57	24	Pass
NVNT	ax40	5670	Ant2	15.16	0.84	16	24	Pass
NVNT	ax80	5530	Ant2	14.68	0.56	15.24	24	Pass
NVNT	ax80	5610	Ant2	15.95	0.55	16.5	24	Pass
NVNT	ax160	5570	Ant2	7.56	1.28	8.84	24	Pass

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Condition	Mode	Frequency (MHz)	Total Power (dBm)				Limit (dBm)	Verdict
			Ant0	Ant1	Ant2	Ant0+Ant1+Ant2		
NVNT	n20	5500	15.32	15.03	15.23	19.97	20.76	Pass
NVNT	n20	5580	15.21	15.31	14.32	19.74	20.76	Pass
NVNT	n20	5700	14.12	14.61	14.85	19.31	20.76	Pass
NVNT	n40	5510	14.63	15.36	15.68	20.02	20.76	Pass
NVNT	n40	5550	15.14	14.06	14.65	19.41	20.76	Pass
NVNT	n40	5670	14.05	14.84	14.52	19.25	20.76	Pass
NVNT	ac20	5500	14.25	14.52	14.44	19.18	20.76	Pass
NVNT	ac20	5580	14.52	14.52	13.95	19.11	20.76	Pass
NVNT	ac20	5700	14.52	14.52	14.63	19.33	20.76	Pass
NVNT	ac40	5510	14.51	13.97	14.39	19.07	20.76	Pass
NVNT	ac40	5550	13.91	14.00	14.37	18.87	20.76	Pass
NVNT	ac40	5670	14.29	14.27	14.38	19.08	20.76	Pass
NVNT	ac80	5530	13.87	13.92	14.55	18.90	20.76	Pass
NVNT	ac80	5610	14.00	14.13	13.94	18.80	20.76	Pass
NVNT	ac160	5570	9.52	9.62	9.52	14.32	20.76	Pass
NVNT	ax20	5500	14.49	14.54	14.21	19.19	20.76	Pass
NVNT	ax20	5580	13.97	14.28	14.16	18.91	20.76	Pass
NVNT	ax20	5700	14.06	14.22	14.54	19.05	20.76	Pass
NVNT	ax40	5510	14.12	14.06	14.28	18.93	20.76	Pass
NVNT	ax40	5550	14.23	14.40	14.26	19.07	20.76	Pass
NVNT	ax40	5670	14.19	14.02	13.94	18.82	20.76	Pass
NVNT	ax80	5530	14.15	14.41	14.42	19.10	20.76	Pass
NVNT	ax80	5610	14.41	14.27	14.62	19.21	20.76	Pass
NVNT	ax160	5570	9.55	9.85	8.51	14.11	20.76	Pass





### D.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant0	6.13	0.17	6.3	11	Pass
NVNT	a	5580	Ant0	7.42	0.17	7.59	11	Pass
NVNT	a	5700	Ant0	7.61	0.17	7.78	11	Pass
NVNT	n20	5500	Ant0	4.15	0.18	4.33	11	Pass
NVNT	n20	5580	Ant0	5.28	0.18	5.46	11	Pass
NVNT	n20	5700	Ant0	2.48	0.18	2.66	11	Pass
NVNT	n40	5510	Ant0	-0.34	0.36	0.02	11	Pass
NVNT	n40	5550	Ant0	-0.71	0.37	-0.34	11	Pass
NVNT	n40	5670	Ant0	-0.58	0.36	-0.22	11	Pass
NVNT	ac20	5500	Ant0	0.71	0.49	1.2	11	Pass
NVNT	ac20	5580	Ant0	3.07	0.48	3.55	11	Pass
NVNT	ac20	5700	Ant0	0.19	0.49	0.68	11	Pass
NVNT	ac40	5510	Ant0	-6.73	0.84	-5.89	11	Pass
NVNT	ac40	5550	Ant0	-5.88	0.86	-5.02	11	Pass
NVNT	ac40	5670	Ant0	-6.47	0.86	-5.61	11	Pass
NVNT	ac80	5530	Ant0	-13.33	1.41	-11.92	11	Pass
NVNT	ac80	5610	Ant0	-12.67	1.41	-11.26	11	Pass
NVNT	ac160	5570	Ant0	-23.12	1.79	-21.33	11	Pass
NVNT	ax20	5500	Ant0	2.45	0.54	2.99	11	Pass
NVNT	ax20	5580	Ant0	1.76	0.54	2.3	11	Pass
NVNT	ax20	5700	Ant0	-1.31	0.53	-0.78	11	Pass
NVNT	ax40	5510	Ant0	-1.98	0.55	-1.43	11	Pass
NVNT	ax40	5550	Ant0	-2.95	0.54	-2.41	11	Pass
NVNT	ax40	5670	Ant0	-1.85	0.55	-1.3	11	Pass
NVNT	ax80	5530	Ant0	-5.9	0.55	-5.35	11	Pass
NVNT	ax80	5610	Ant0	-5.47	0.55	-4.92	11	Pass
NVNT	ax160	5570	Ant0	-18.2	1.26	-16.94	11	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	5.86	0.17	6.03	11	Pass
NVNT	a	5580	Ant1	7.65	0.17	7.82	11	Pass
NVNT	a	5700	Ant1	4.76	0.17	4.93	11	Pass
NVNT	n20	5500	Ant1	2.79	0.18	2.97	11	Pass
NVNT	n20	5580	Ant1	4.31	0.18	4.49	11	Pass
NVNT	n20	5700	Ant1	2.21	0.19	2.4	11	Pass
NVNT	n40	5510	Ant1	-0.28	0.36	0.08	11	Pass
NVNT	n40	5550	Ant1	-1.12	0.36	-0.76	11	Pass
NVNT	n40	5670	Ant1	-0.9	0.36	-0.54	11	Pass





NVNT	ac20	5500	Ant1	-0.81	0.49	-0.32	11	Pass
NVNT	ac20	5580	Ant1	1.79	0.48	2.27	11	Pass
NVNT	ac20	5700	Ant1	0.97	0.48	1.45	11	Pass
NVNT	ac40	5510	Ant1	-6.37	0.86	-5.51	11	Pass
NVNT	ac40	5550	Ant1	-6.24	0.86	-5.38	11	Pass
NVNT	ac40	5670	Ant1	-6.98	0.84	-6.14	11	Pass
NVNT	ac80	5530	Ant1	-12.54	1.39	-11.15	11	Pass
NVNT	ac80	5610	Ant1	-12.94	1.41	-11.53	11	Pass
NVNT	ac160	5570	Ant1	-22.13	1.75	-20.38	11	Pass
NVNT	ax20	5500	Ant1	-0.5	0.53	0.03	11	Pass
NVNT	ax20	5580	Ant1	2.4	0.54	2.94	11	Pass
NVNT	ax20	5700	Ant1	-1.1	0.54	-0.56	11	Pass
NVNT	ax40	5510	Ant1	-0.99	0.55	-0.44	11	Pass
NVNT	ax40	5550	Ant1	-2.38	0.54	-1.84	11	Pass
NVNT	ax40	5670	Ant1	-1.68	0.55	-1.13	11	Pass
NVNT	ax80	5530	Ant1	-6.9	0.55	-6.35	11	Pass
NVNT	ax80	5610	Ant1	-4.35	0.55	-3.8	11	Pass
NVNT	ax160	5570	Ant1	-12.85	0.71	-12.14	11	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant2	6.15	0.17	6.32	11	Pass
NVNT	a	5580	Ant2	7.62	0.17	7.79	11	Pass
NVNT	a	5700	Ant2	4.05	0.17	4.22	11	Pass
NVNT	n20	5500	Ant2	3.14	0.19	3.33	11	Pass
NVNT	n20	5580	Ant2	4.5	0.19	4.69	11	Pass
NVNT	n20	5700	Ant2	3.36	0.18	3.54	11	Pass
NVNT	n40	5510	Ant2	-0.02	0.36	0.34	11	Pass
NVNT	n40	5550	Ant2	0.07	0.37	0.44	11	Pass
NVNT	n40	5670	Ant2	-1.5	0.36	-1.14	11	Pass
NVNT	ac20	5500	Ant2	1.33	0.48	1.81	11	Pass
NVNT	ac20	5580	Ant2	3.12	0.48	3.6	11	Pass
NVNT	ac20	5700	Ant2	-1.2	0.48	-0.72	11	Pass
NVNT	ac40	5510	Ant2	-4.67	0.84	-3.83	11	Pass
NVNT	ac40	5550	Ant2	-6.02	0.84	-5.18	11	Pass
NVNT	ac40	5670	Ant2	-6.34	0.86	-5.48	11	Pass
NVNT	ac80	5530	Ant2	-14.33	1.39	-12.94	11	Pass
NVNT	ac80	5610	Ant2	-13.13	1.39	-11.74	11	Pass
NVNT	ac160	5570	Ant2	-24.89	1.76	-23.13	11	Pass
NVNT	ax20	5500	Ant2	1.67	0.49	2.16	11	Pass
NVNT	ax20	5580	Ant2	2.77	0.48	3.25	11	Pass
NVNT	ax20	5700	Ant2	-0.58	0.49	-0.09	11	Pass





NVNT	ax40	5510	Ant2	-5.93	0.85	-5.08	11	Pass
NVNT	ax40	5550	Ant2	-6.07	0.84	-5.23	11	Pass
NVNT	ax40	5670	Ant2	-4.48	0.84	-3.64	11	Pass
NVNT	ax80	5530	Ant2	-5.28	0.56	-4.72	11	Pass
NVNT	ax80	5610	Ant2	-4.86	0.55	-4.31	11	Pass
NVNT	ax160	5570	Ant2	-20.39	3.98	-16.41	11	Pass

MIMO

Test Mode	Channel	Frequency (MHz)	Ant 0 Conducted Power (dBm/MHz)	Ant 1 Conducted Power (dBm/MHz)	Ant 3 Conducted Power (dBm/MHz)	MIMO AV Conducted Power (dBm/MHz)	Limit (dBm/MHz)	Verdict
n20	100	5500	2.69	2.87	3.01	7.63	≤7.75	Pass
	116	5580	2.63	2.56	2.89	7.47		Pass
	140	5700	2.67	2.15	2.84	7.33		Pass
N40	102	5510	0.02	0.08	0.34	4.92	≤7.75	Pass
	110	5550	-0.34	-0.76	0.44	4.58		Pass
	134	5670	-0.22	-0.54	-1.14	4.15		Pass
ac20	100	5500	1.2	-0.32	1.81	5.76	≤7.75	Pass
	116	5580	2.65	2.27	2.62	7.29		Pass
	140	5700	0.68	1.45	-0.72	5.33		Pass
ac40	102	5510	-5.89	-5.51	-3.83	-0.21	≤7.75	Pass
	110	5550	-5.02	-5.38	-5.18	-0.42		Pass
	134	5670	-5.61	-6.14	-5.48	-0.96		Pass
ac80	106	5530	-11.92	-11.15	-12.94	-7.17	≤7.75	Pass
ac80	122	5610	-11.26	-11.53	-11.74	-6.73		Pass
ac160	114	5570	-21.33	-20.38	-23.13	-16.70	≤7.75	Pass
ax20	100	5500	2.99	0.03	2.16	6.67	≤7.75	Pass
	116	5580	2.3	2.94	3.25	7.62		Pass
	140	5700	-0.78	-0.56	-0.09	4.30		Pass
ax40	102	5510	-1.43	-0.44	-5.08	2.86	≤7.75	Pass
	110	5550	-2.41	-1.84	-5.23	1.84		Pass
	134	5670	-1.3	-1.13	-3.64	2.89		Pass
ax80	106	5530	-5.35	-6.35	-4.72	-0.65	≤7.75	Pass
ax80	122	5610	-4.92	-3.8	-4.31	0.45		Pass
ax160	114	5570	-16.94	-12.14	-16.41	-9.82	≤7.75	Pass

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

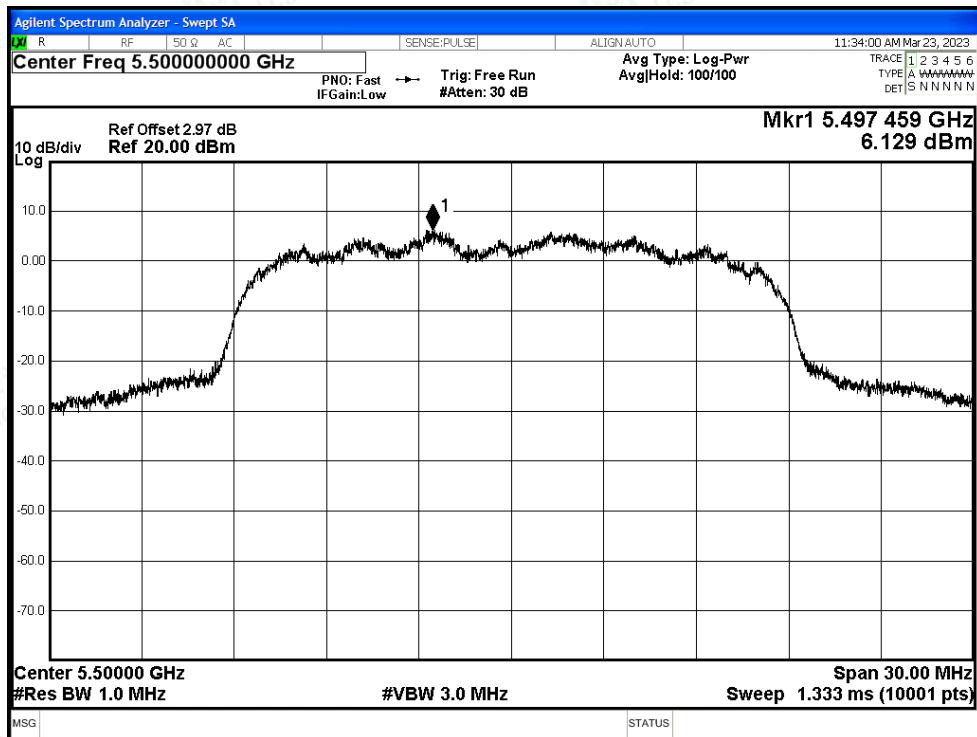


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 Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
 Scan code to check authenticity

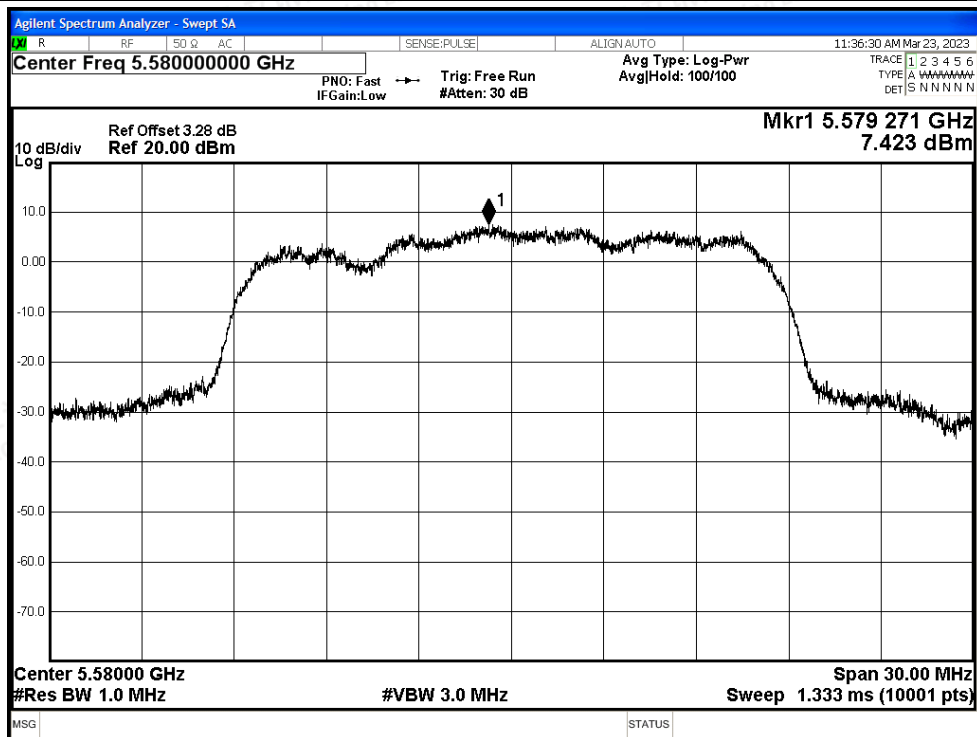


Test Graphs

PSD NVNT a 5500MHz Ant0

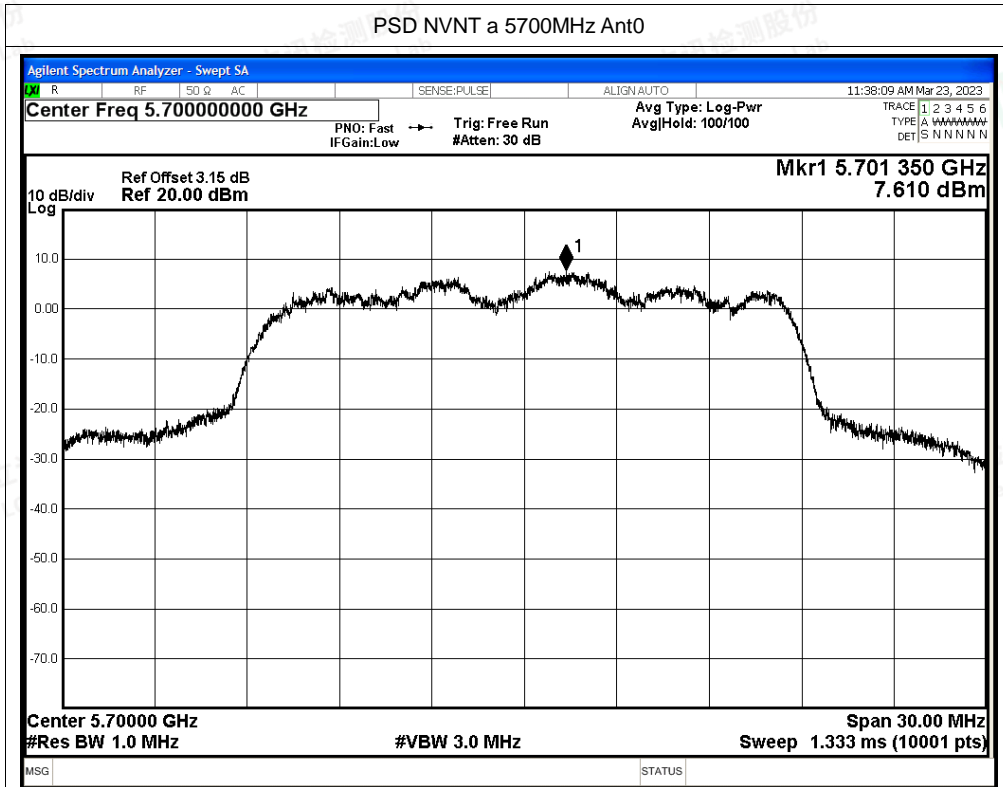


PSD NVNT a 5580MHz Ant0

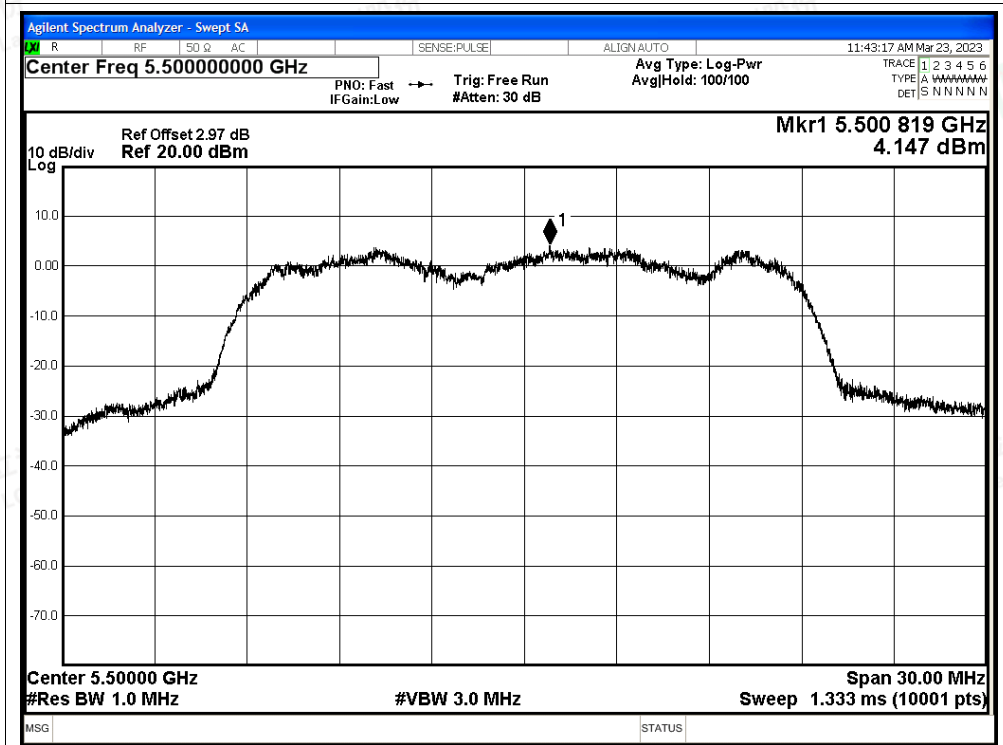


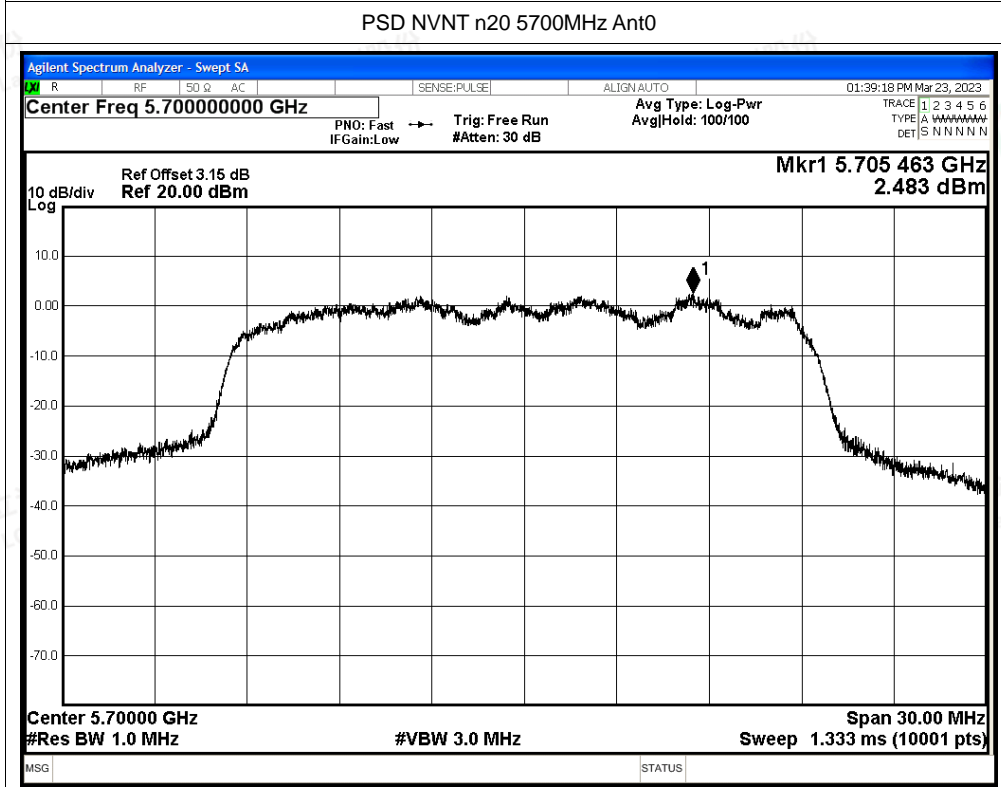
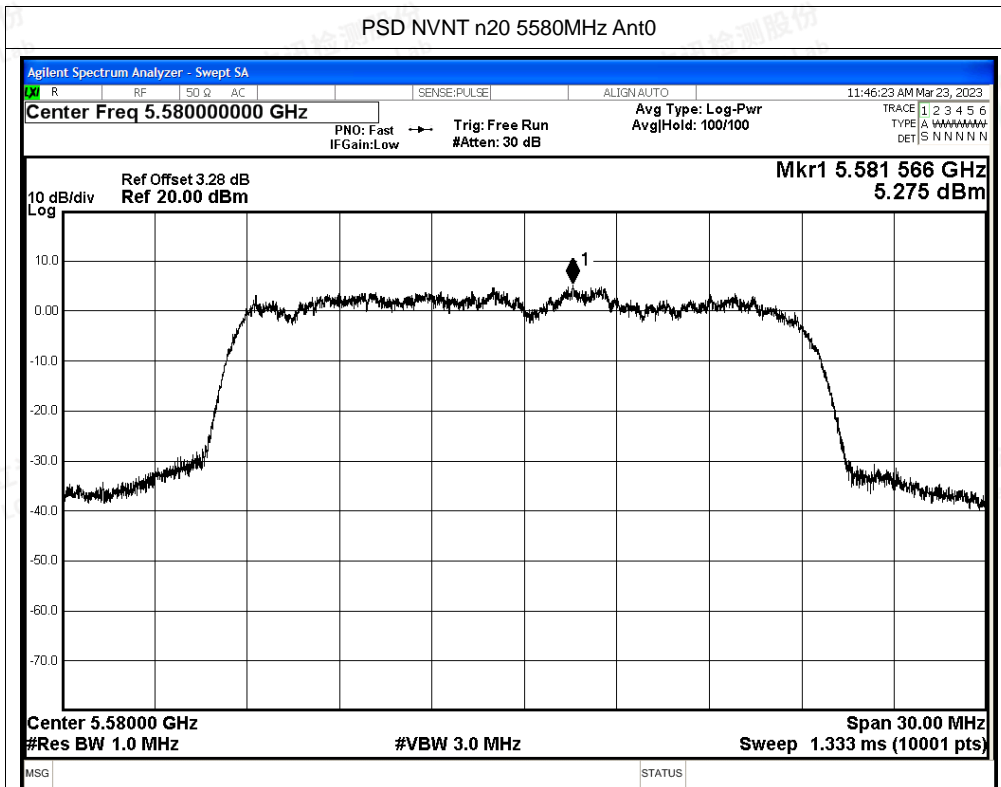


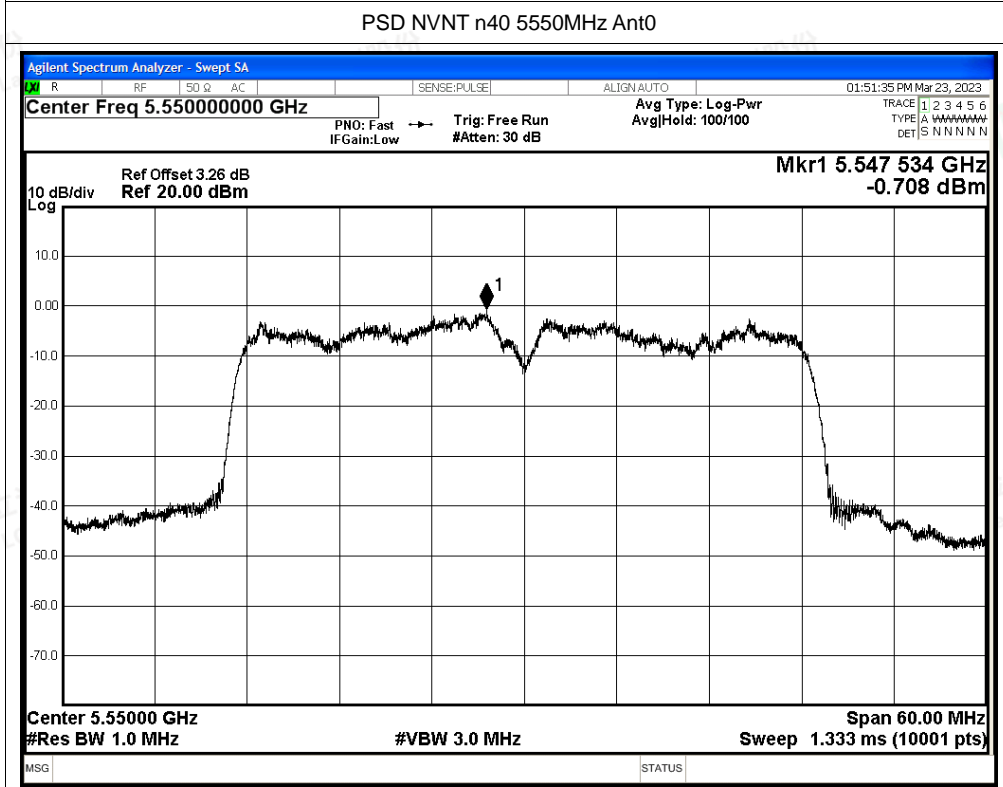
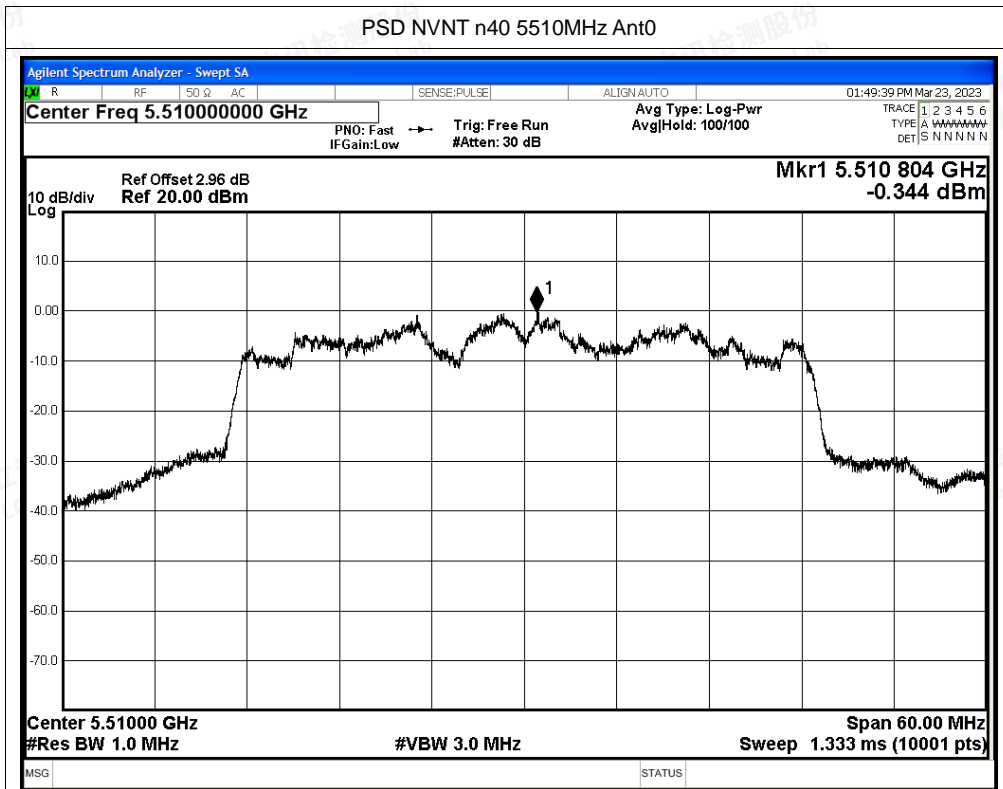
PSD NVNT a 5700MHz Ant0



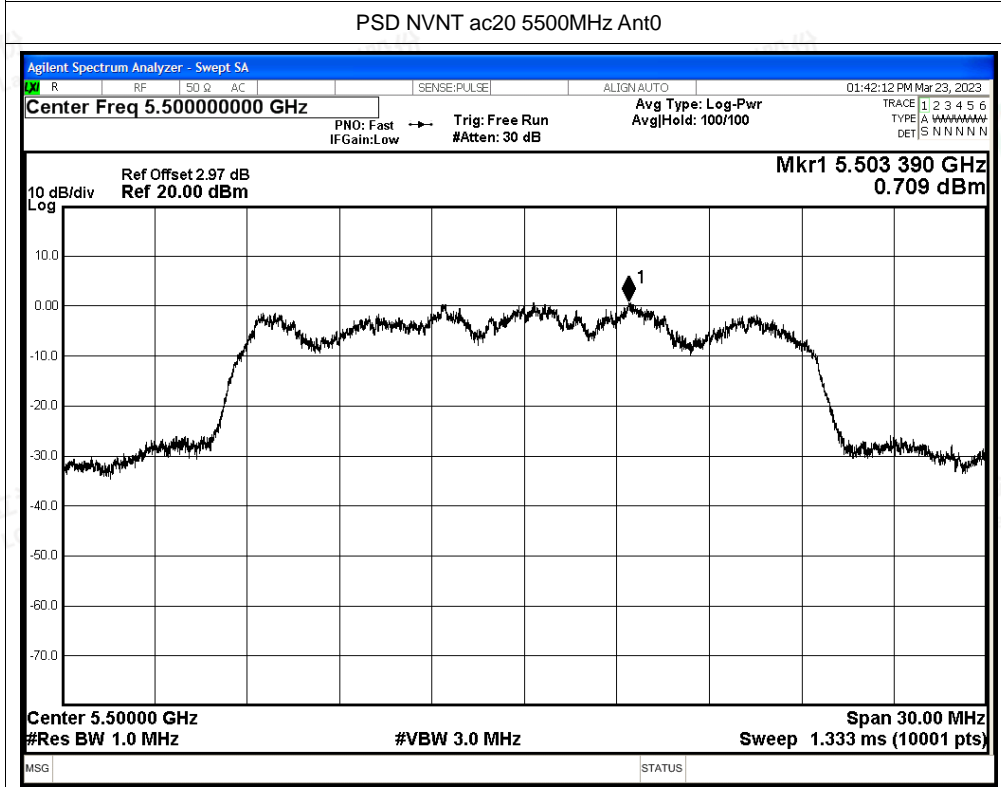
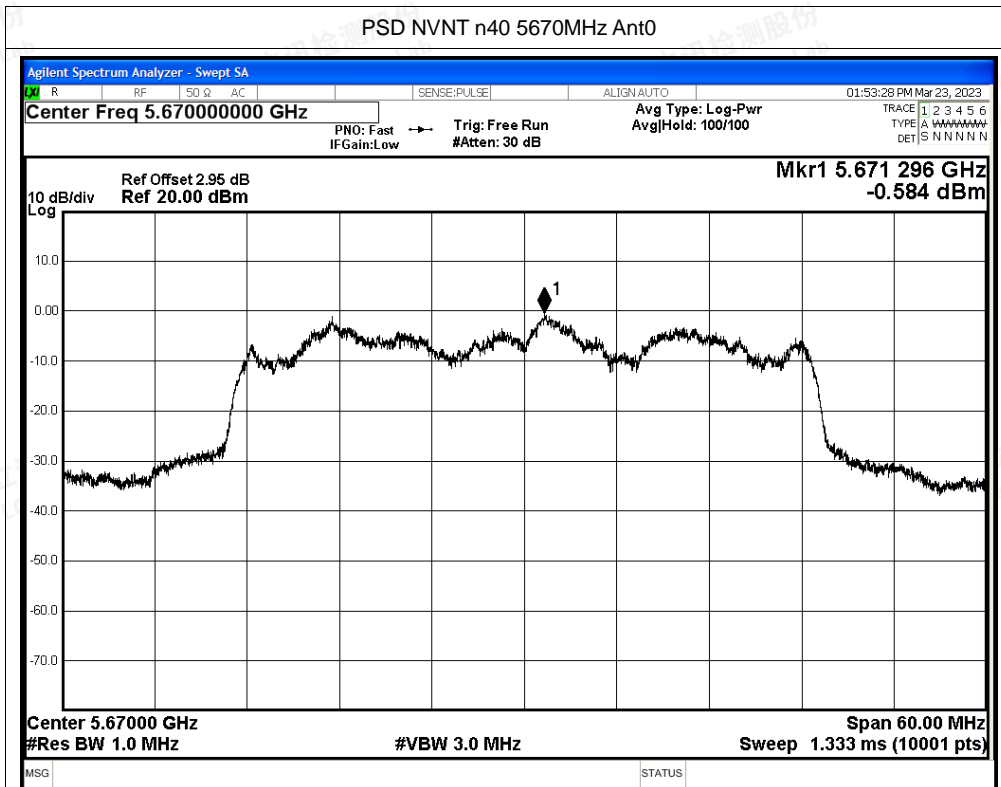
PSD NVNT n20 5500MHz Ant0

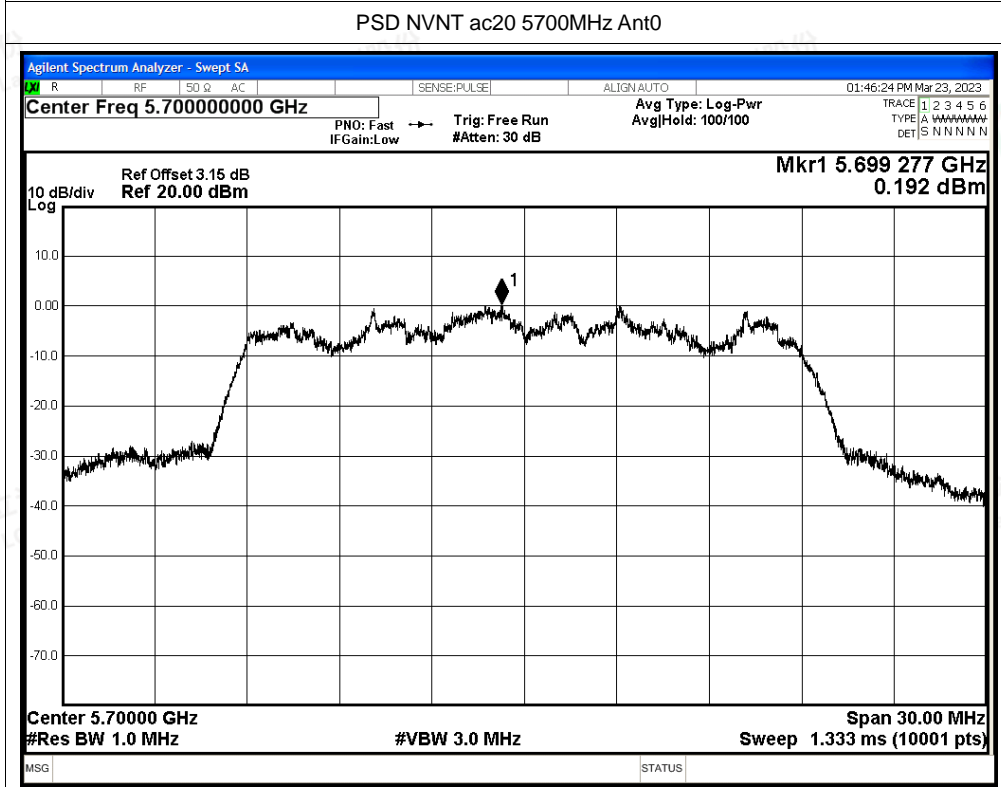
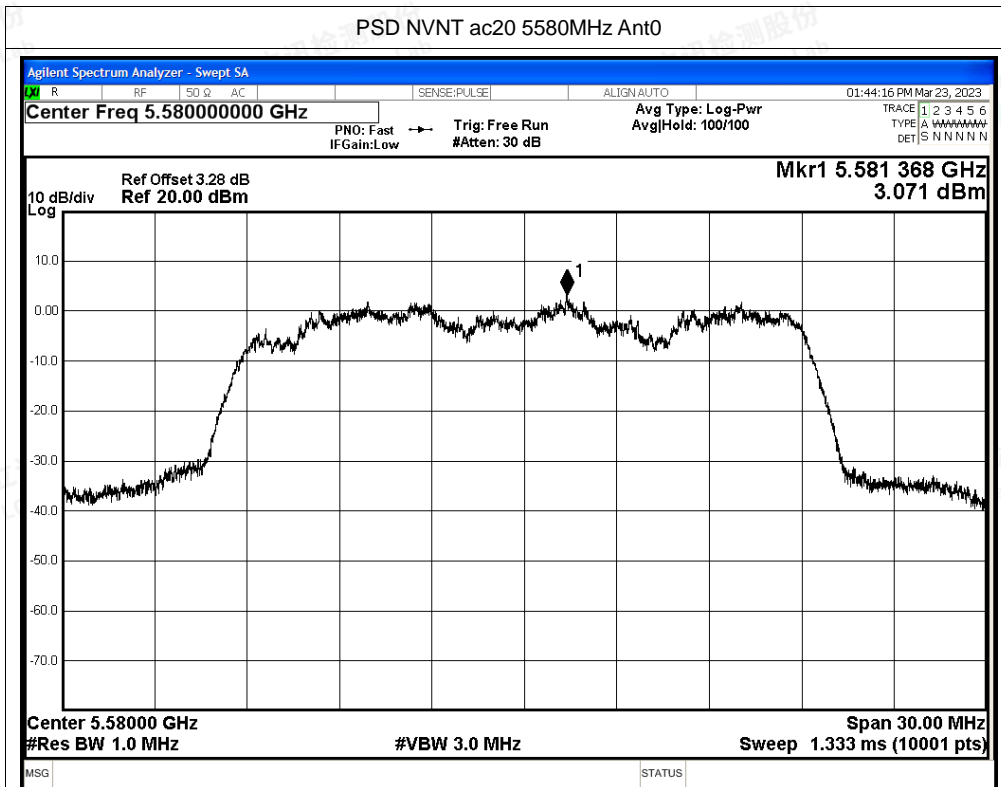






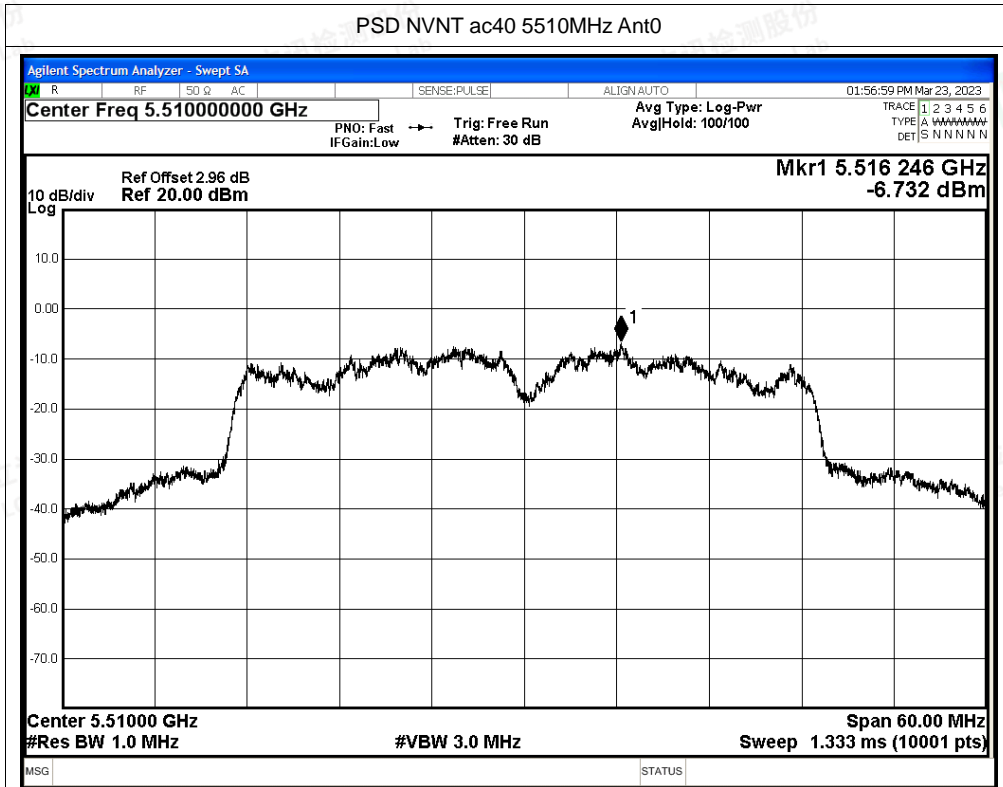








PSD NVNT ac40 5510MHz Ant0



PSD NVNT ac40 5550MHz Ant0

