



Appendix D

RF Test Data for 5.5GWIFI (Conducted Measurement)

Product Name: GPON Router

Test Model: SG1696D2VR (SG401C)

Environmental Conditions

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





D.1 -26dB Bandwidth

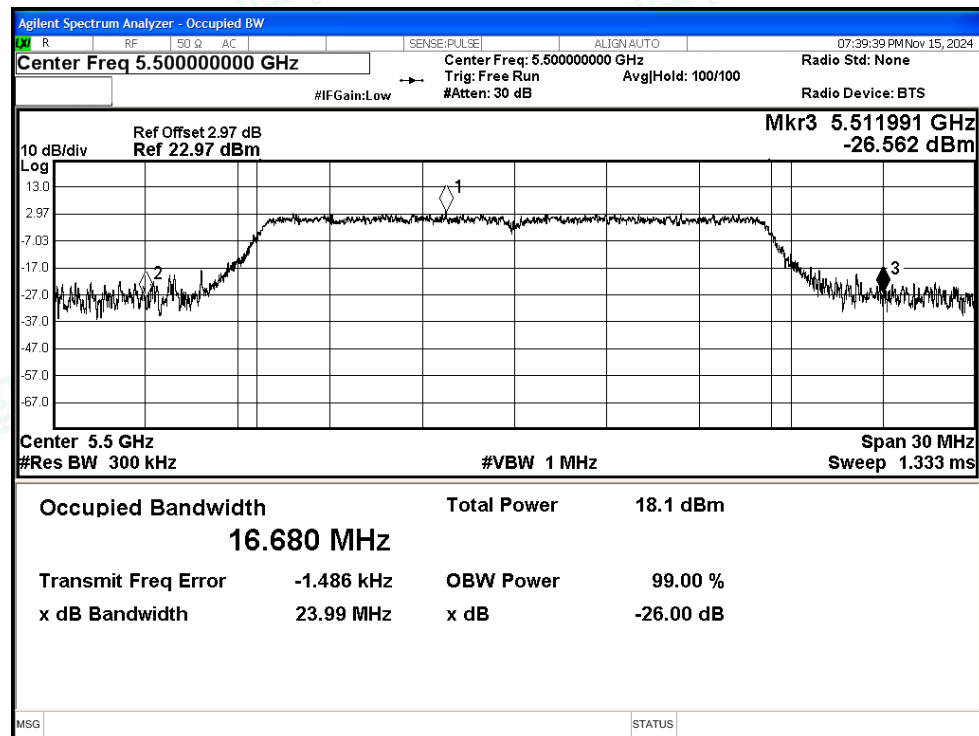
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant3	23.985	----	Pass
NVNT	a	5580	Ant3	27.552	----	Pass
NVNT	a	5700	Ant3	27.199	----	Pass
NVNT	n20	5500	Ant3	27.078	----	Pass
NVNT	n20	5580	Ant3	28.702	----	Pass
NVNT	n20	5700	Ant3	28.577	----	Pass
NVNT	n40	5510	Ant3	40.284	----	Pass
NVNT	n40	5550	Ant3	40.37	----	Pass
NVNT	n40	5670	Ant3	42.417	----	Pass
NVNT	ac20	5500	Ant3	27.839	----	Pass
NVNT	ac20	5580	Ant3	27.738	----	Pass
NVNT	ac20	5700	Ant3	27.838	----	Pass
NVNT	ac40	5510	Ant3	39.873	----	Pass
NVNT	ac40	5550	Ant3	42.822	----	Pass
NVNT	ac40	5670	Ant3	43.207	----	Pass
NVNT	ac80	5530	Ant3	78.237	----	Pass
NVNT	ac80	5610	Ant3	78.273	----	Pass
NVNT	ax20	5500	Ant3	28.363	----	Pass
NVNT	ax20	5580	Ant3	27.584	----	Pass
NVNT	ax20	5700	Ant3	27.02	----	Pass
NVNT	ax40	5510	Ant3	46.402	----	Pass
NVNT	ax40	5550	Ant3	41.455	----	Pass
NVNT	ax40	5670	Ant3	40.91	----	Pass
NVNT	ax80	5530	Ant3	78.186	----	Pass
NVNT	ax80	5610	Ant3	78.233	----	Pass
NVNT	ac160	5570	Ant3	158.902	----	Pass
NVNT	ax160	5570	Ant3	159.346	----	Pass



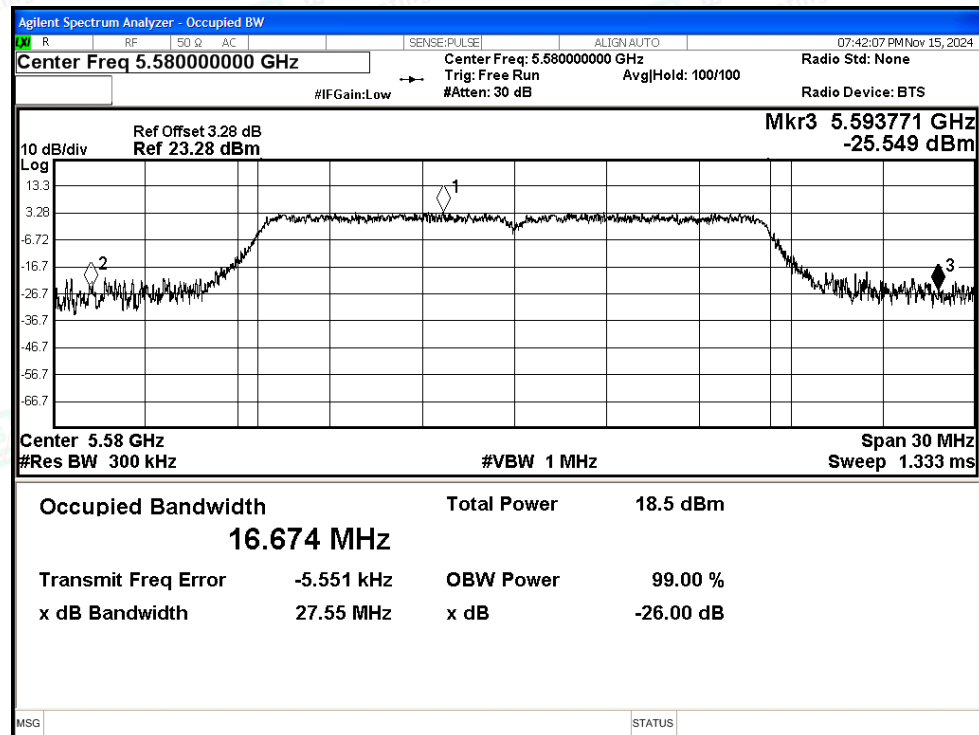


Test Graphs

-26dB Bandwidth NVNT a 5500MHz Ant3



-26dB Bandwidth NVNT a 5580MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

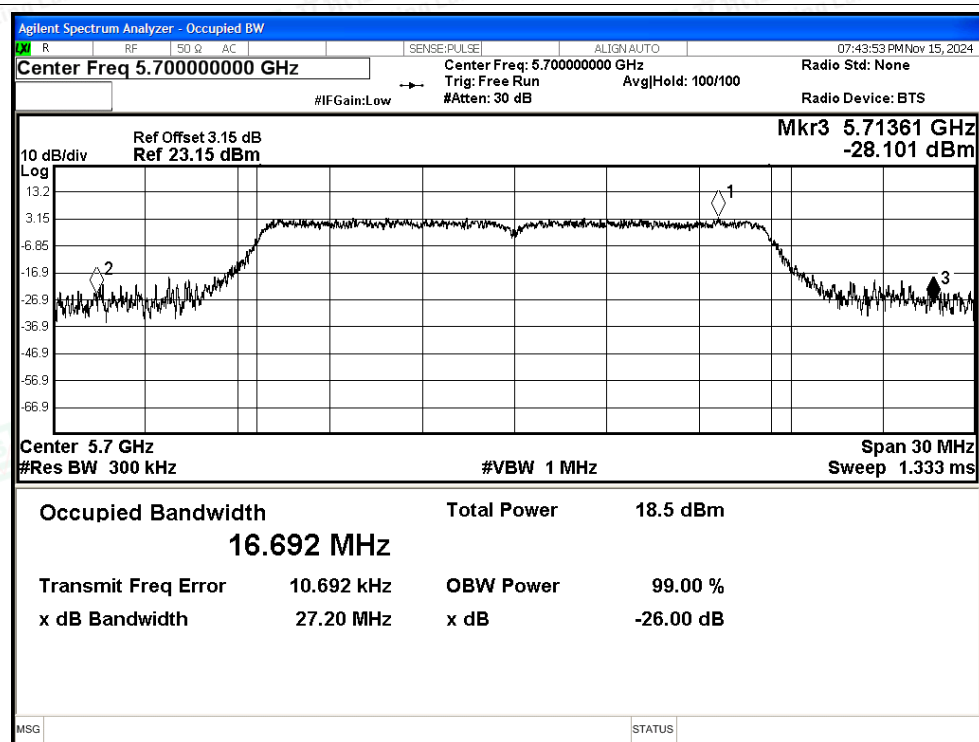
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

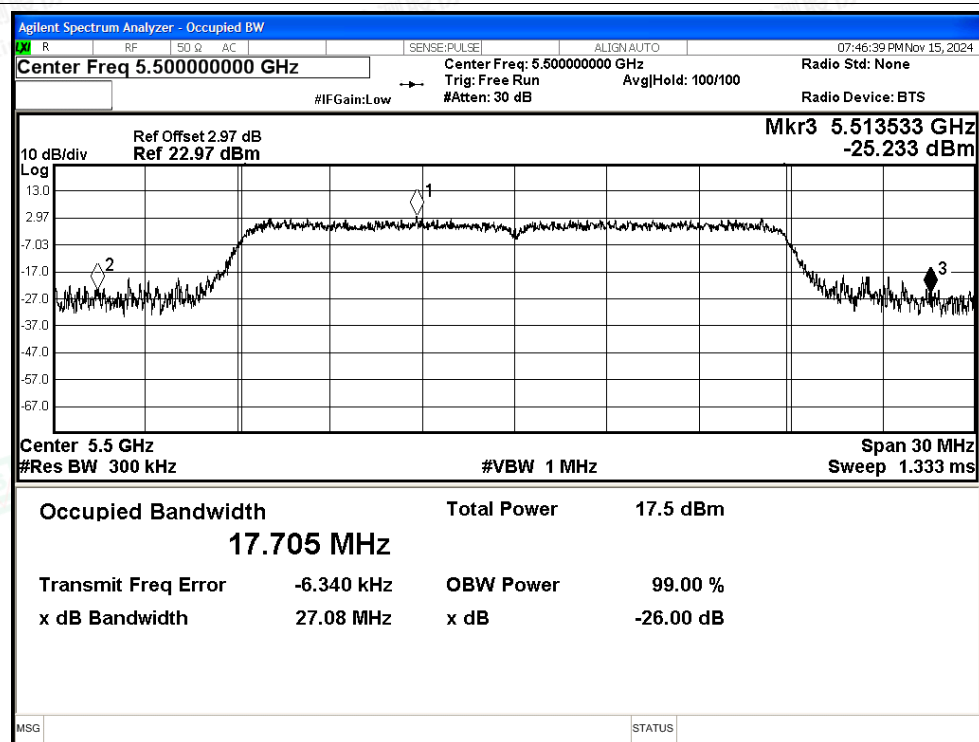
Scan code to check authenticity



-26dB Bandwidth NVNT a 5700MHz Ant3



-26dB Bandwidth NVNT n20 5500MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

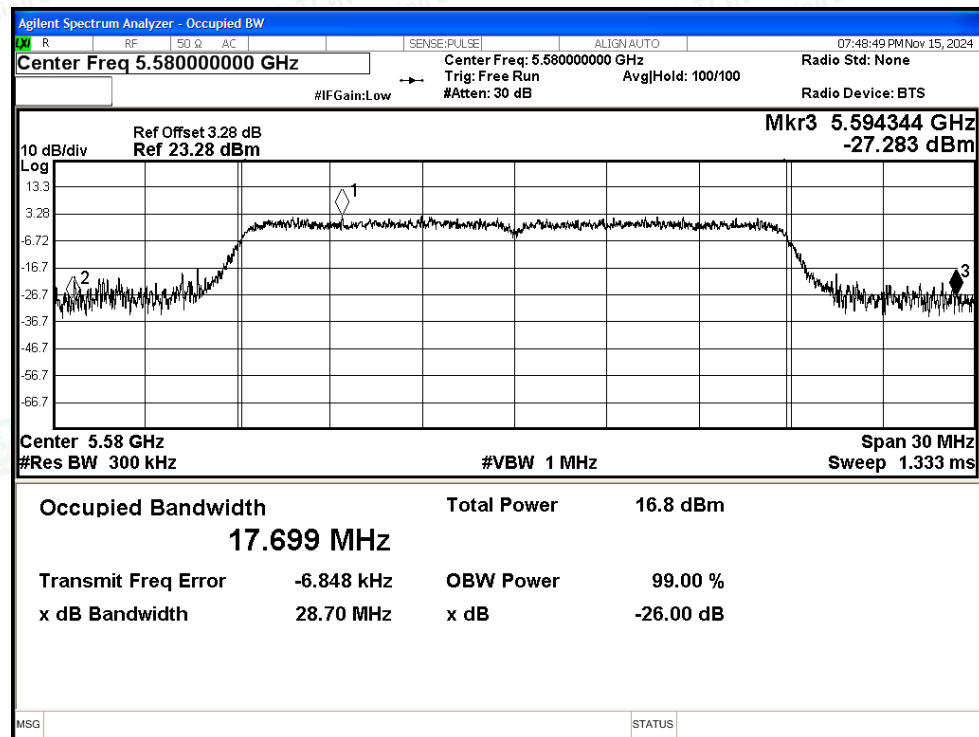
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

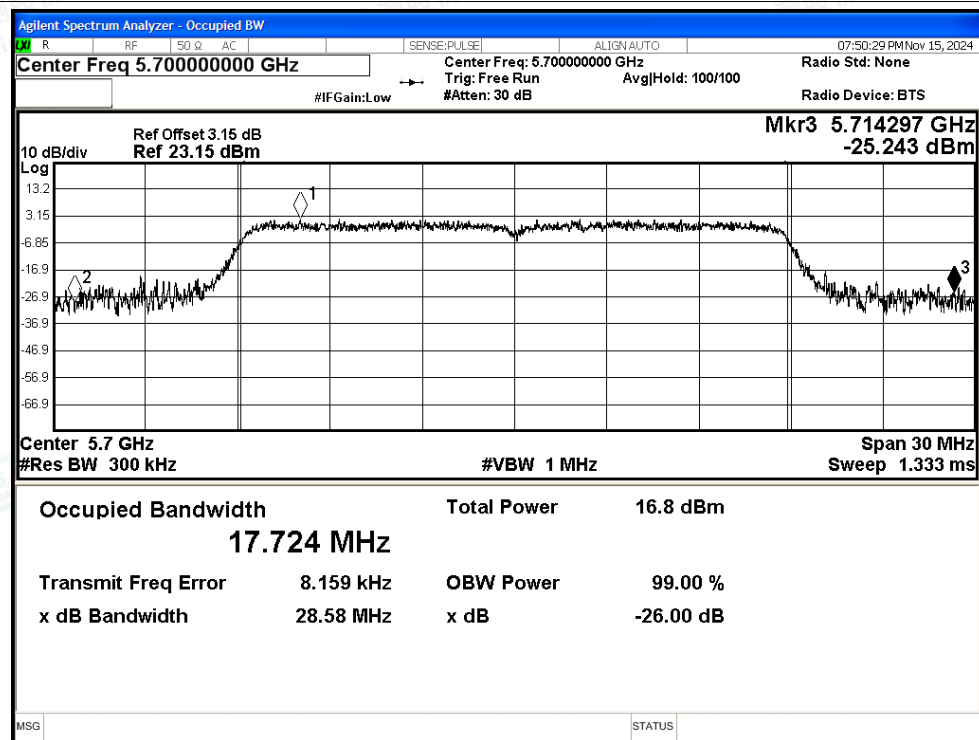
Scan code to check authenticity



-26dB Bandwidth NVNT n20 5580MHz Ant3



-26dB Bandwidth NVNT n20 5700MHz Ant3

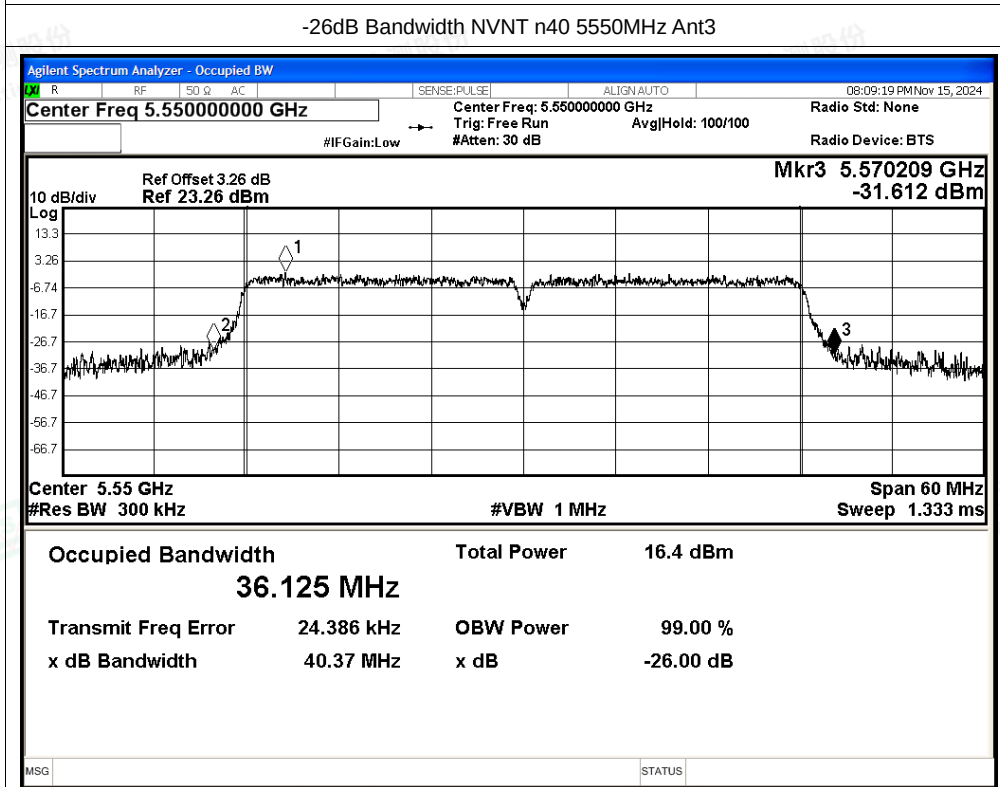
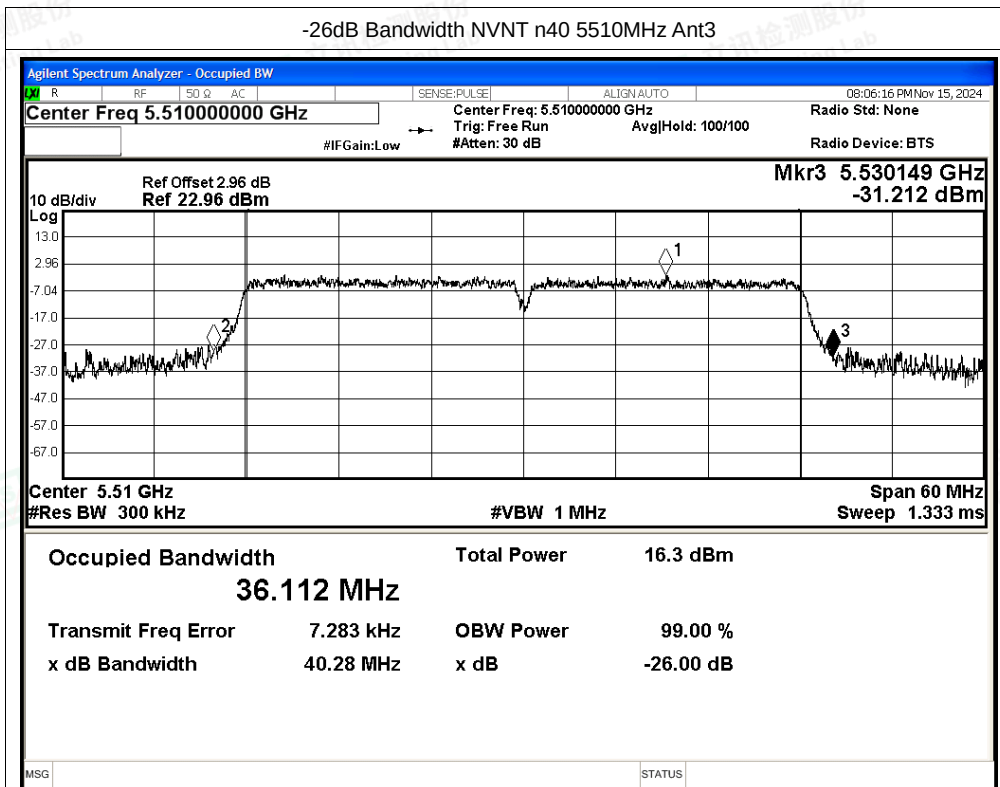


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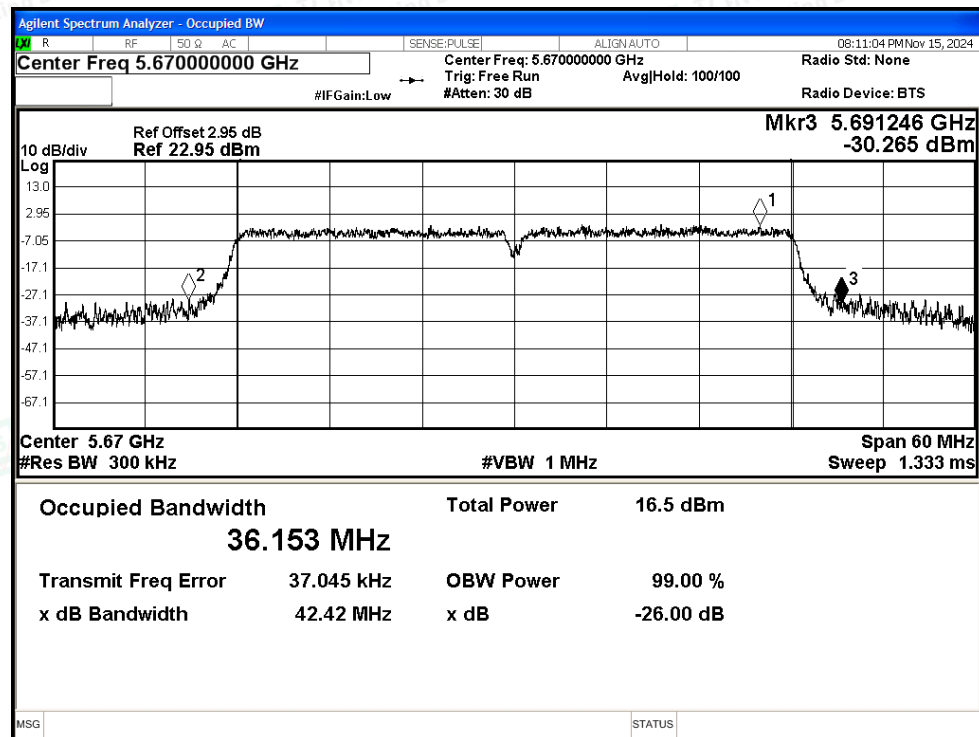
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

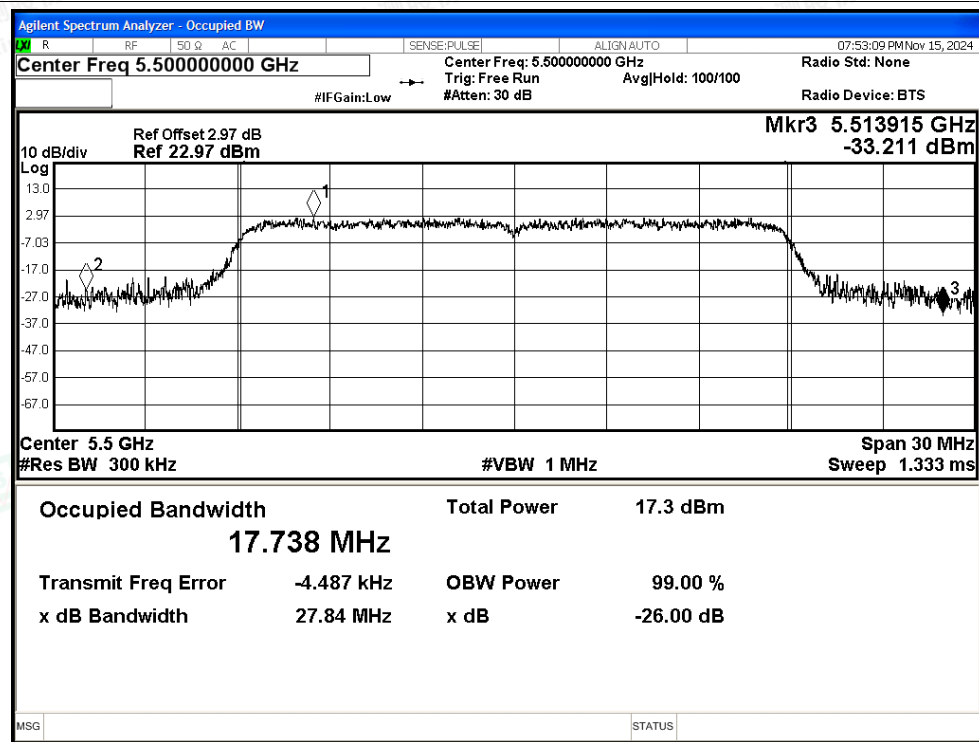




-26dB Bandwidth NVNT n40 5670MHz Ant3



-26dB Bandwidth NVNT ac20 5500MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

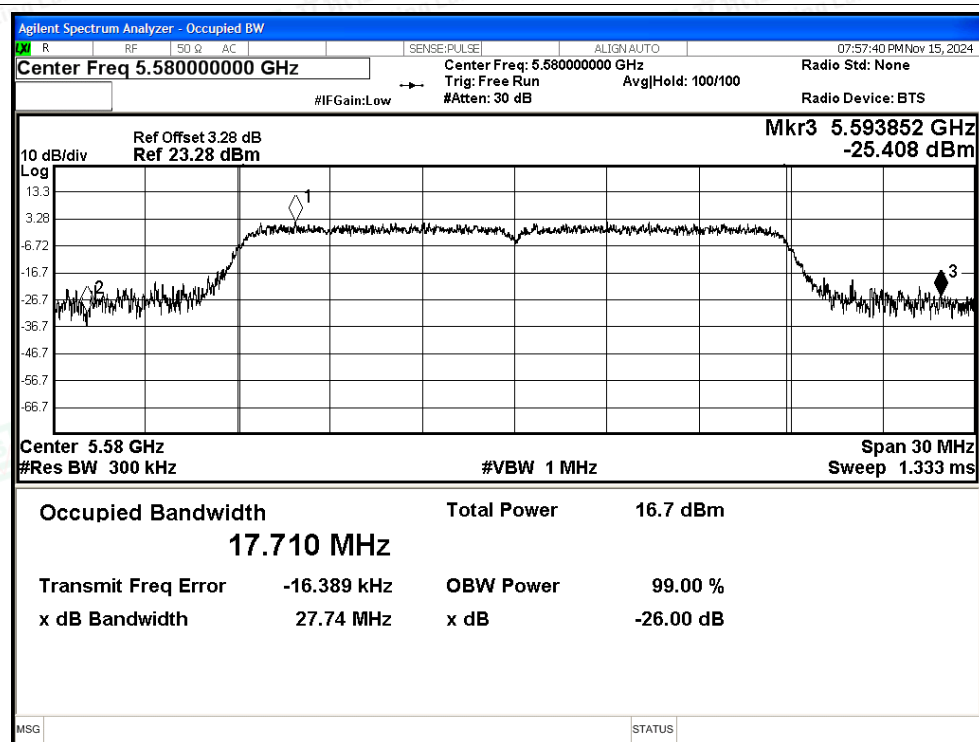
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

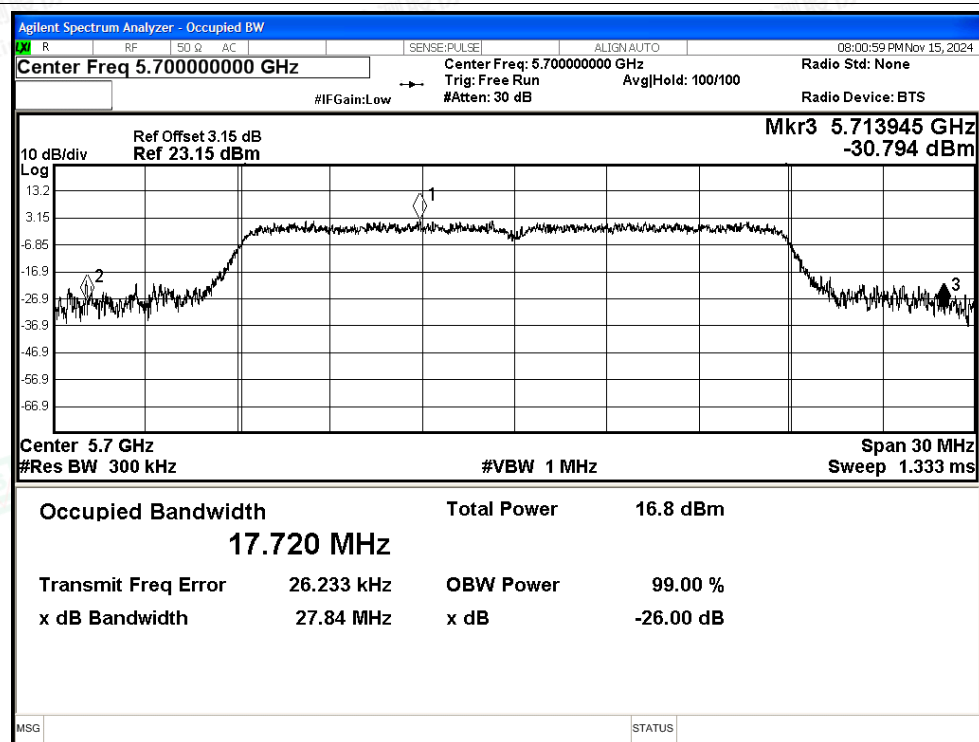
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5580MHz Ant3

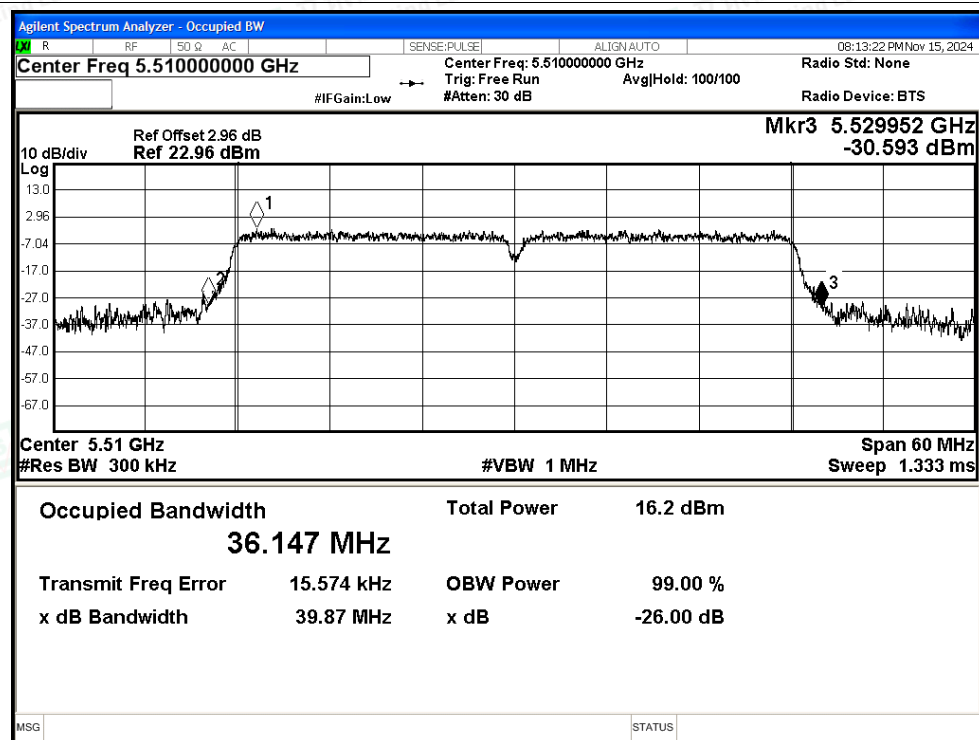


-26dB Bandwidth NVNT ac20 5700MHz Ant3

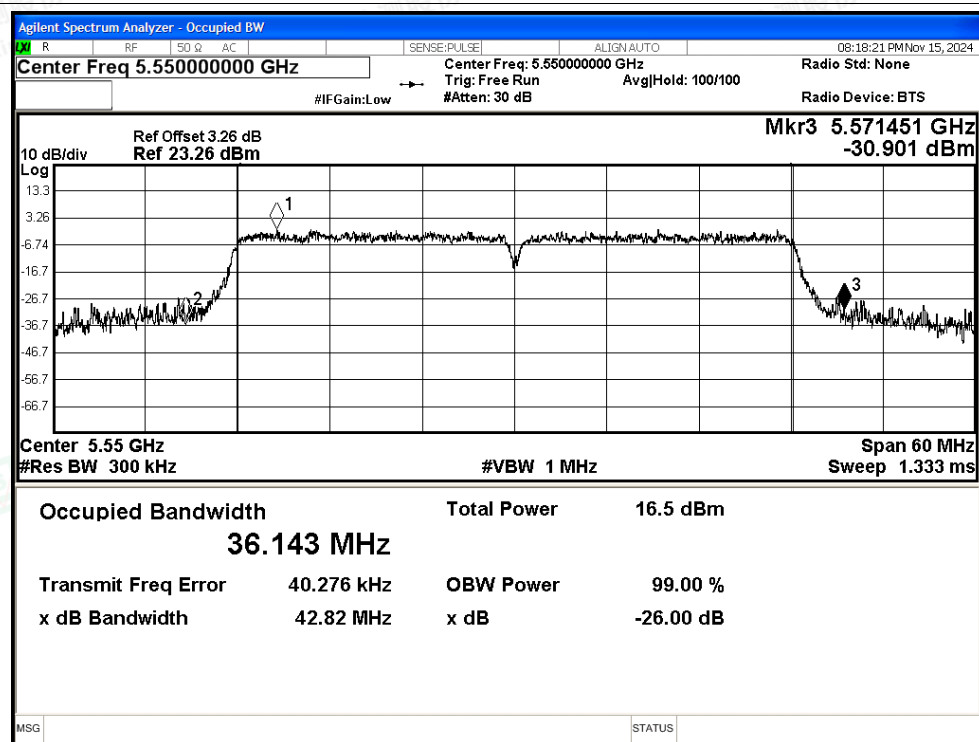




-26dB Bandwidth NVNT ac40 5510MHz Ant3



-26dB Bandwidth NVNT ac40 5550MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

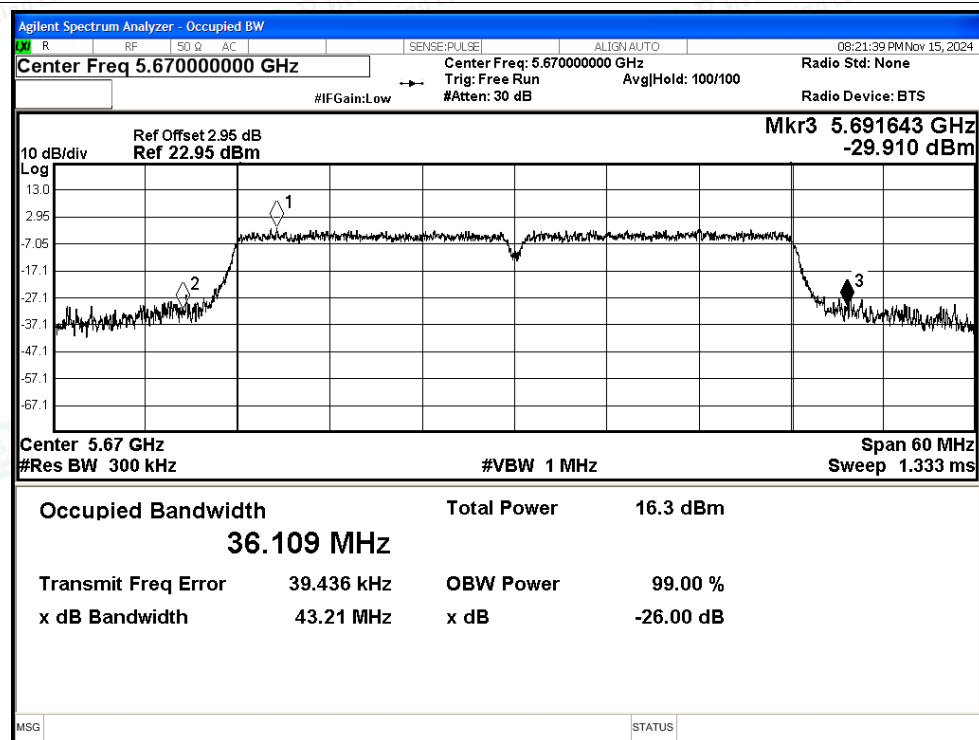
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

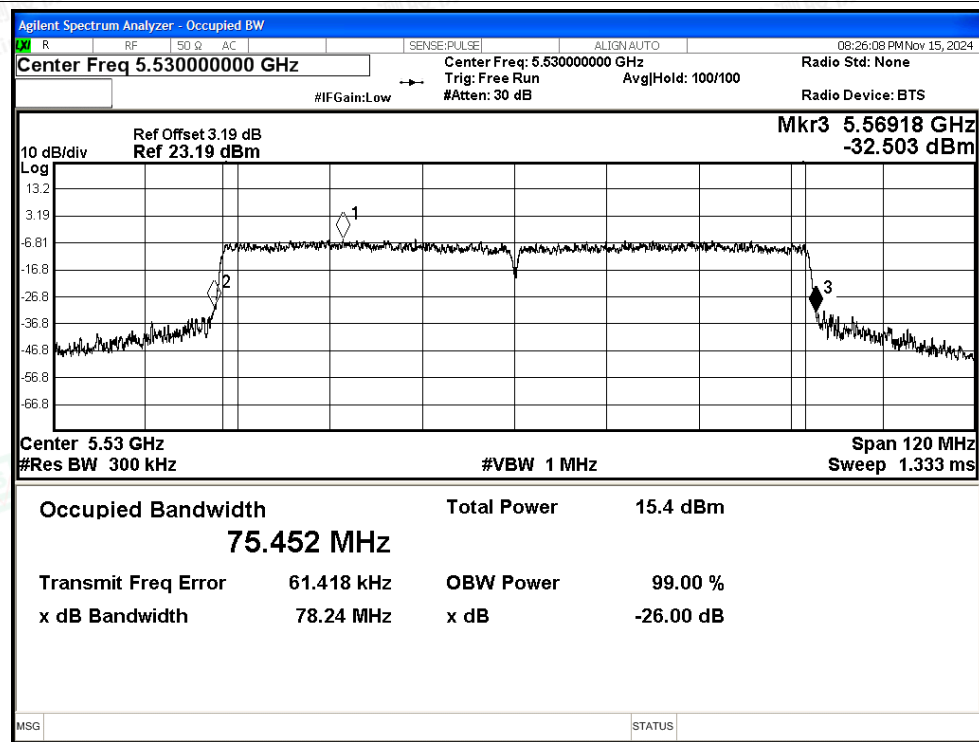
Scan code to check authenticity



-26dB Bandwidth NVNT ac40 5670MHz Ant3



-26dB Bandwidth NVNT ac80 5530MHz Ant3



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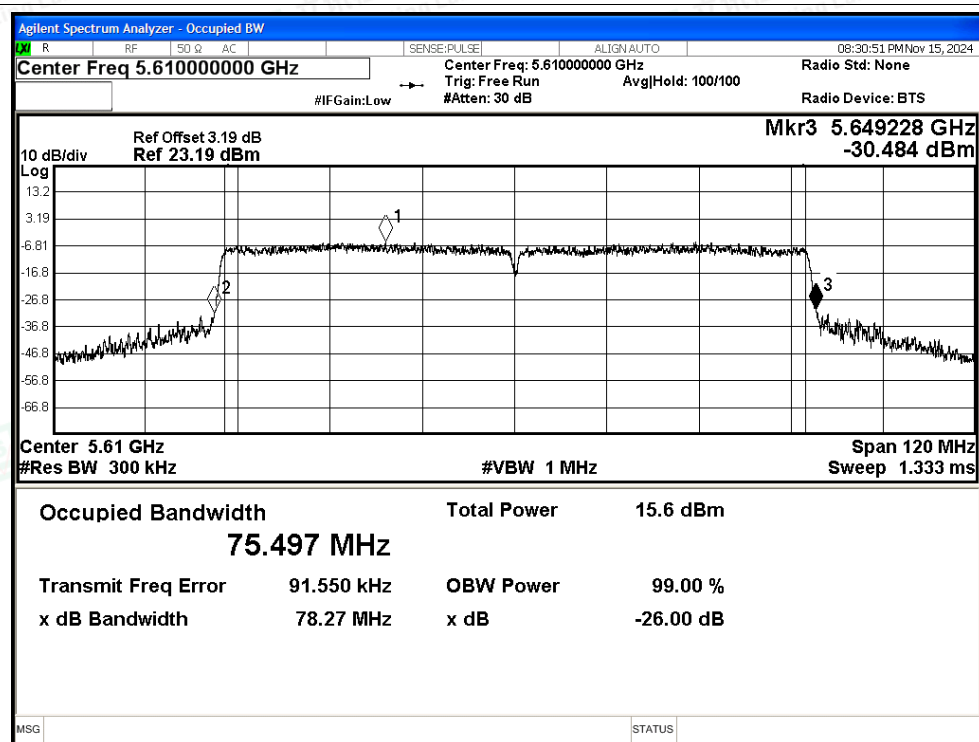
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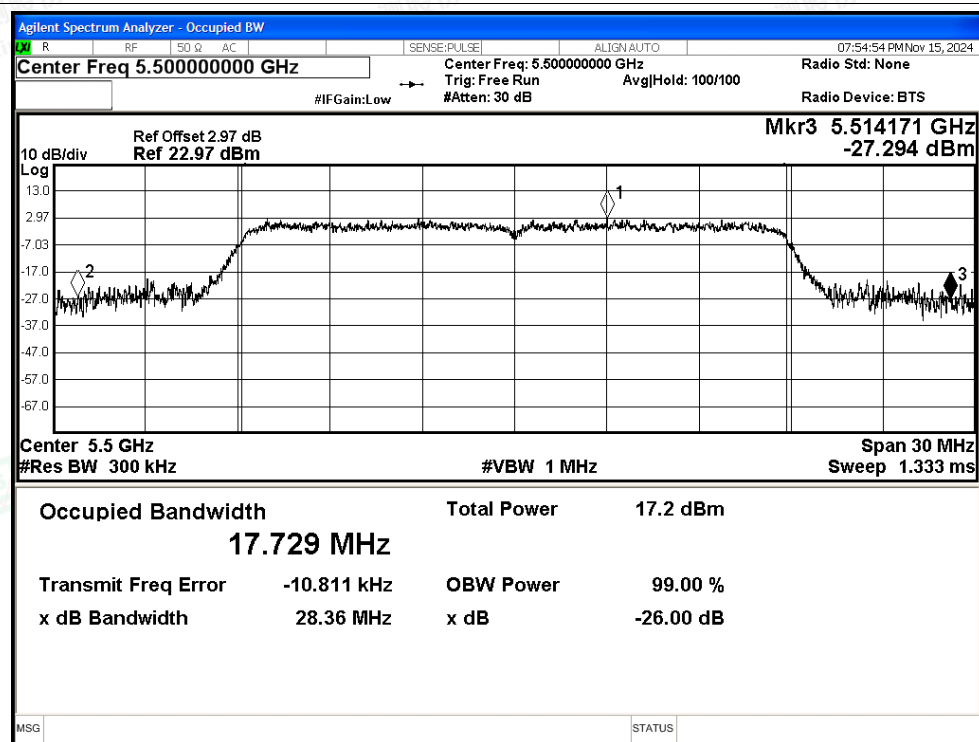
Scan code to check authenticity



-26dB Bandwidth NVNT ac80 5610MHz Ant3



-26dB Bandwidth NVNT ax20 5500MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

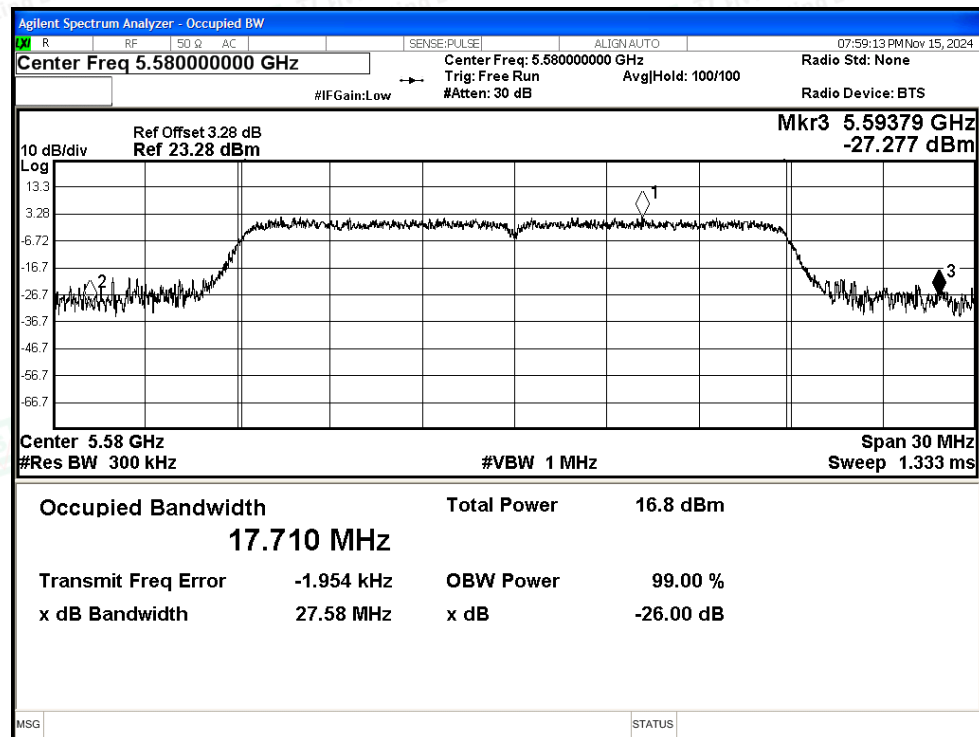
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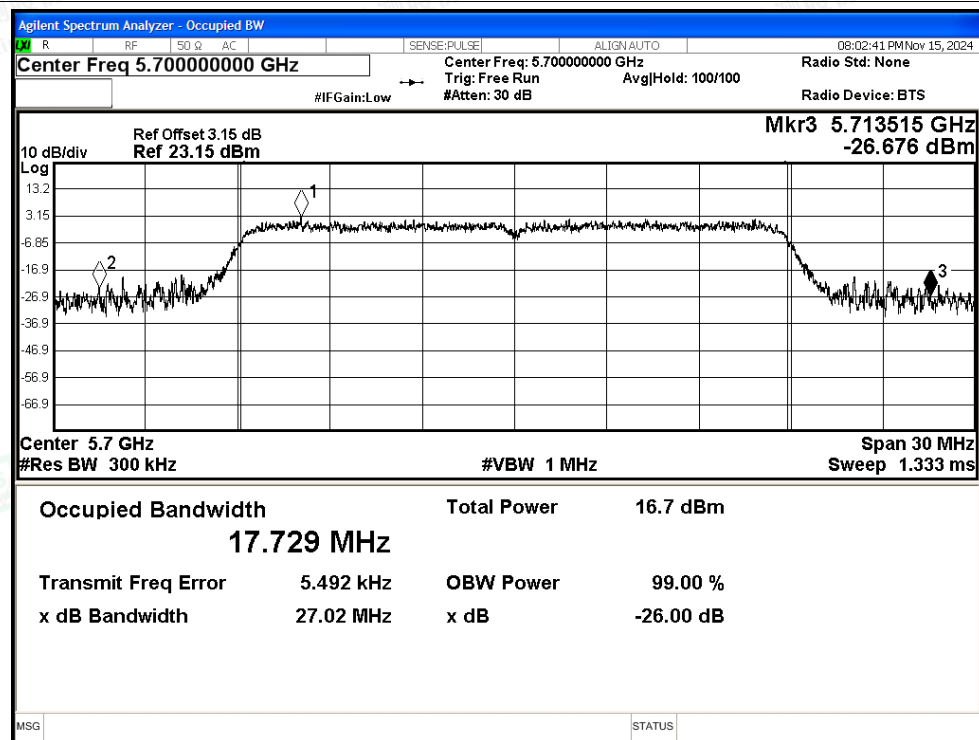
Scan code to check authenticity



-26dB Bandwidth NVNT ax20 5580MHz Ant3

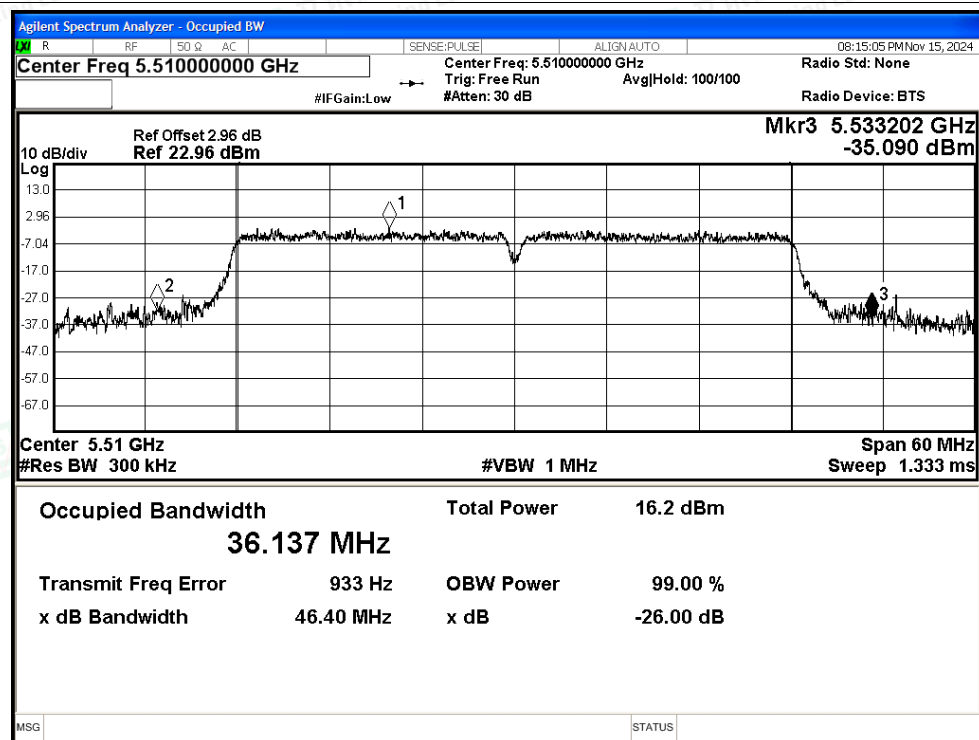


-26dB Bandwidth NVNT ax20 5700MHz Ant3

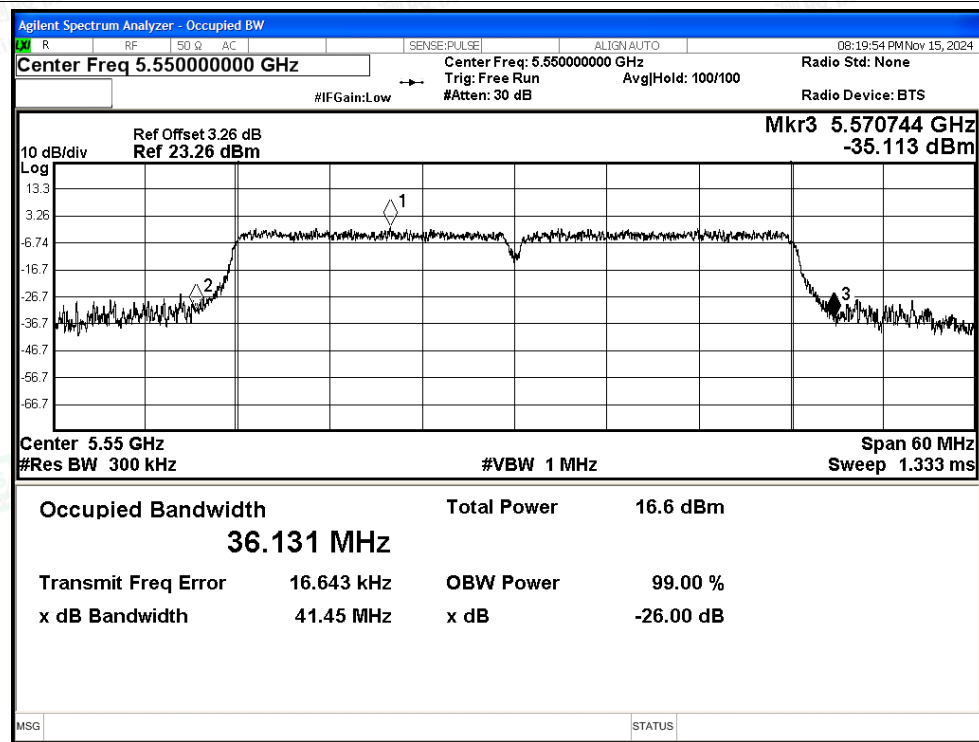




-26dB Bandwidth NVNT ax40 5510MHz Ant3



-26dB Bandwidth NVNT ax40 5550MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

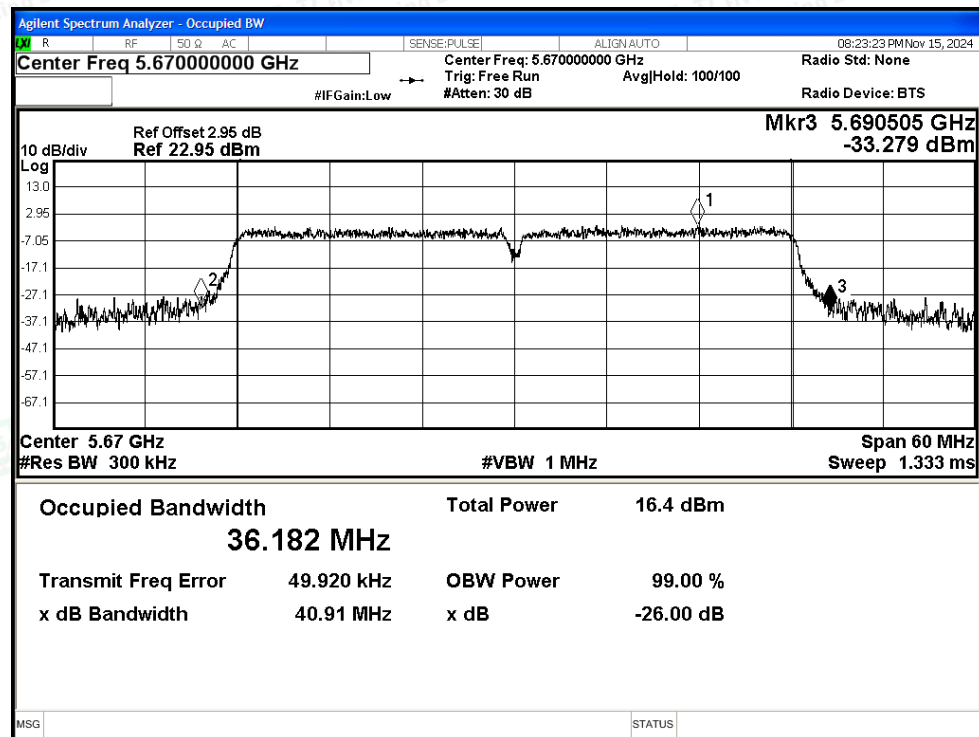
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

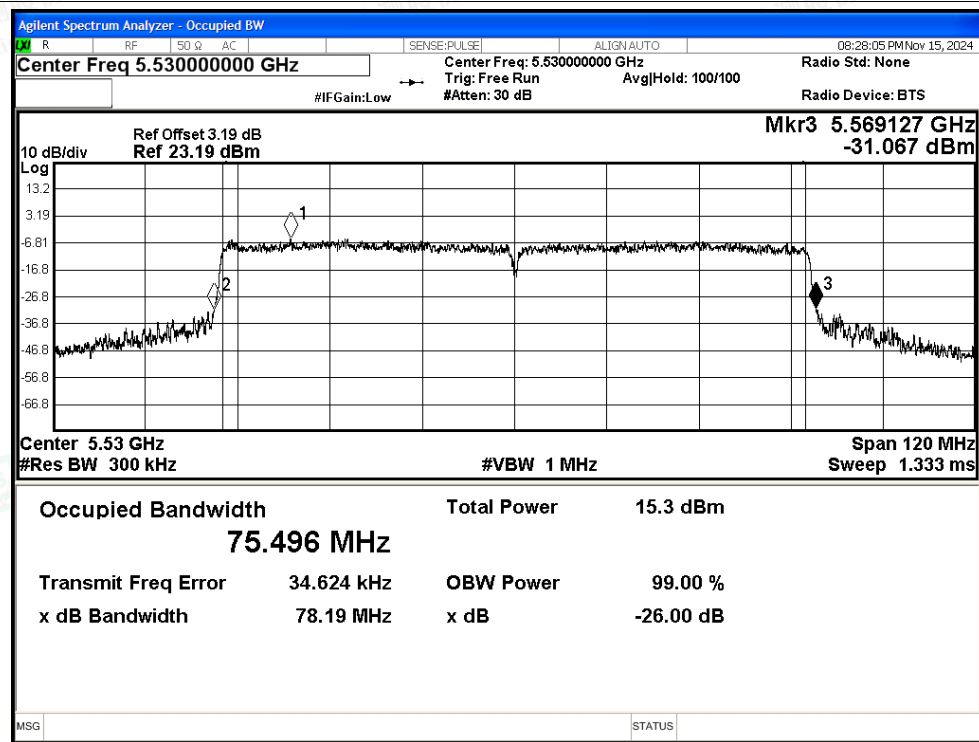
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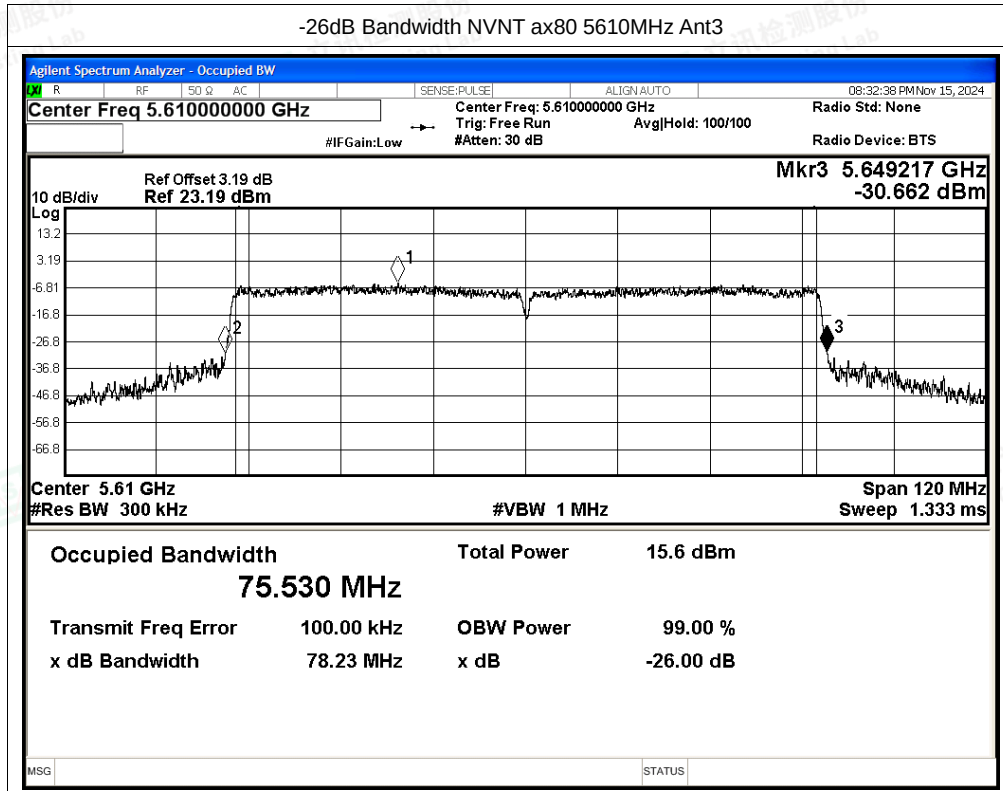


-26dB Bandwidth NVNT ax40 5670MHz Ant3



-26dB Bandwidth NVNT ax80 5530MHz Ant3

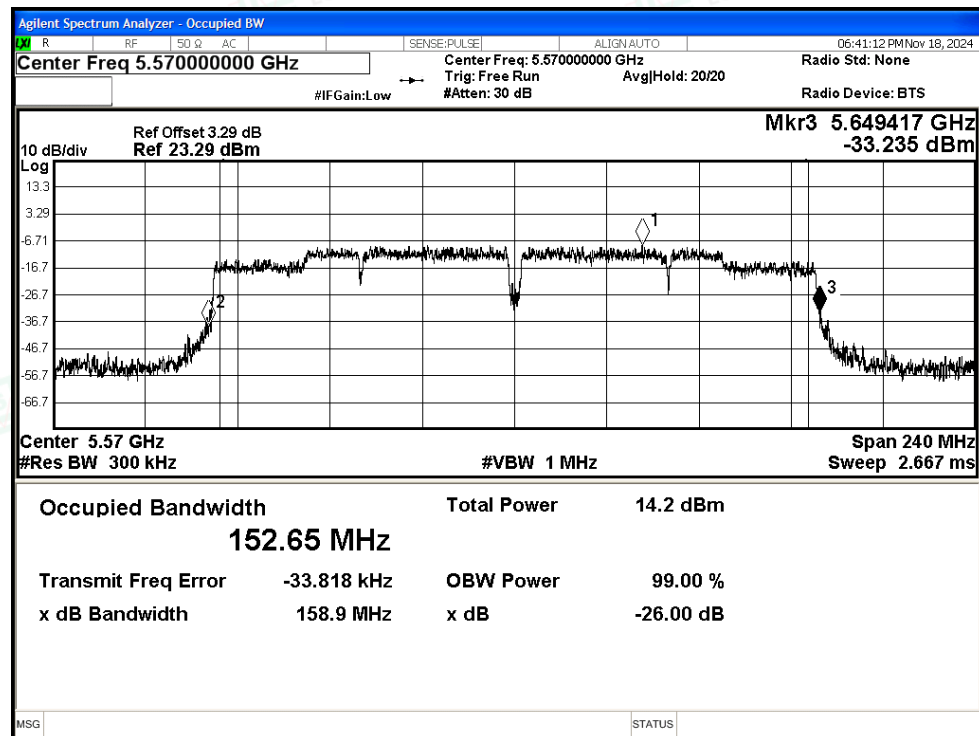




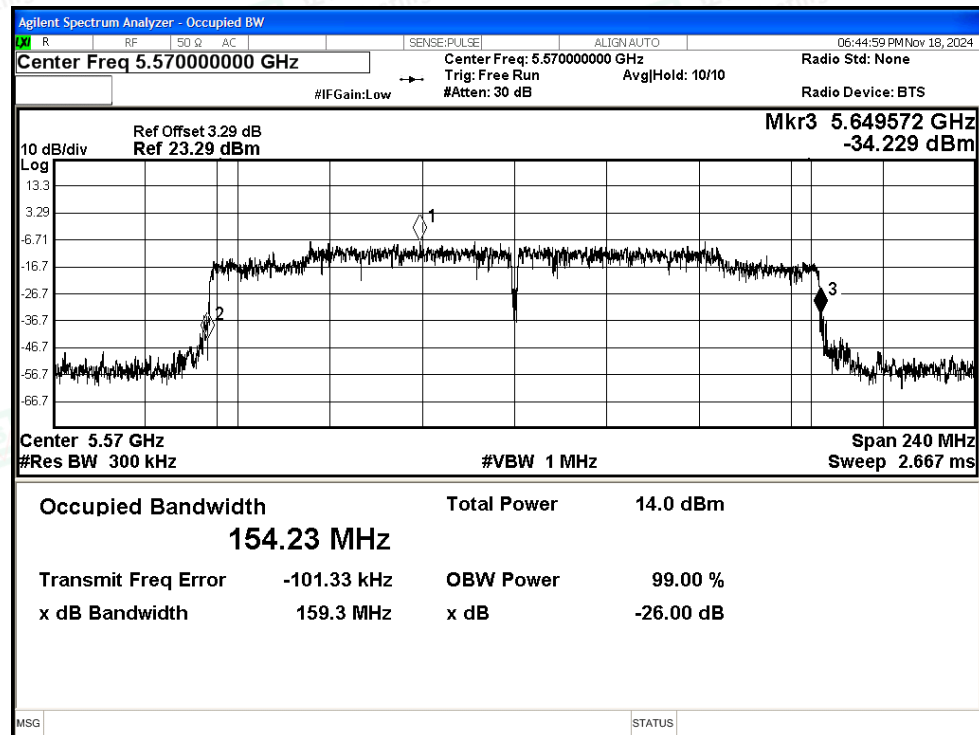


Test Graphs

-26dB Bandwidth NVNT ac160 5570MHz Ant3



-26dB Bandwidth NVNT ax160 5570MHz Ant3



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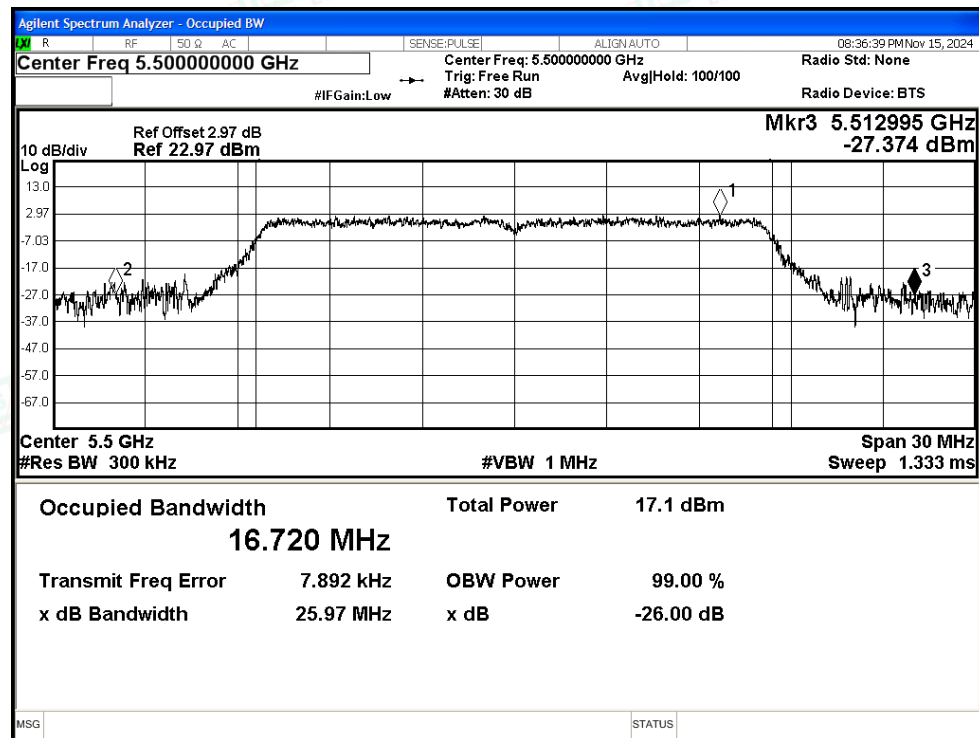
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant4	25.975	≥ 0.5	Pass
NVNT	a	5580	Ant4	28.565	≥ 0.5	Pass
NVNT	a	5700	Ant4	26.526	≥ 0.5	Pass
NVNT	n20	5500	Ant4	29.407	≥ 0.5	Pass
NVNT	n20	5580	Ant4	26.215	≥ 0.5	Pass
NVNT	n20	5700	Ant4	28.759	≥ 0.5	Pass
NVNT	n40	5510	Ant4	40.281	≥ 0.5	Pass
NVNT	n40	5550	Ant4	40.945	≥ 0.5	Pass
NVNT	n40	5670	Ant4	39.303	≥ 0.5	Pass
NVNT	ac20	5500	Ant4	29.086	≥ 0.5	Pass
NVNT	ac20	5580	Ant4	28.594	≥ 0.5	Pass
NVNT	ac20	5700	Ant4	28.937	≥ 0.5	Pass
NVNT	ac40	5510	Ant4	39.725	≥ 0.5	Pass
NVNT	ac40	5550	Ant4	44.757	≥ 0.5	Pass
NVNT	ac40	5670	Ant4	42.652	≥ 0.5	Pass
NVNT	ac80	5530	Ant4	78.656	≥ 0.5	Pass
NVNT	ac80	5610	Ant4	79.898	≥ 0.5	Pass
NVNT	ax20	5500	Ant4	27.478	≥ 0.5	Pass
NVNT	ax20	5580	Ant4	28.288	≥ 0.5	Pass
NVNT	ax20	5700	Ant4	28.98	≥ 0.5	Pass
NVNT	ax40	5510	Ant4	41.347	≥ 0.5	Pass
NVNT	ax40	5550	Ant4	41.109	≥ 0.5	Pass
NVNT	ax40	5670	Ant4	41.437	≥ 0.5	Pass
NVNT	ax80	5530	Ant4	78.387	≥ 0.5	Pass
NVNT	ax80	5610	Ant4	78.634	≥ 0.5	Pass
NVNT	ac160	5570	Ant4	159.553	≥ 0.5	Pass
NVNT	ax160	5570	Ant4	160.03	≥ 0.5	Pass



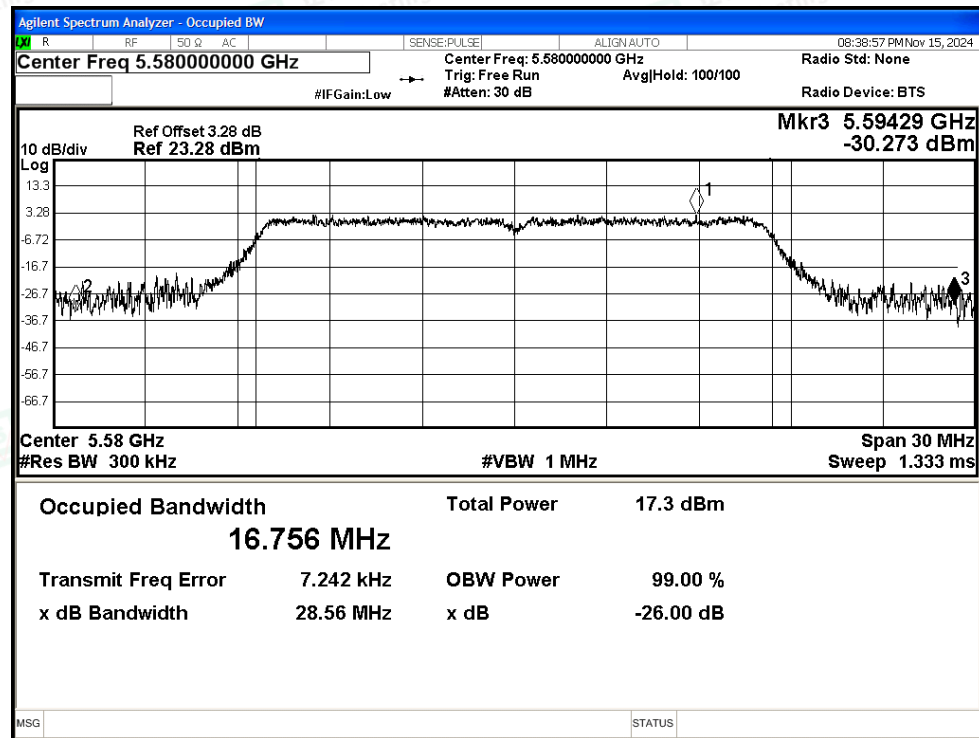


Test Graphs

-26dB Bandwidth NVNT a 5500MHz Ant4



-26dB Bandwidth NVNT a 5580MHz Ant4



Shenzhen LCS Compliance Testing Laboratory Ltd.

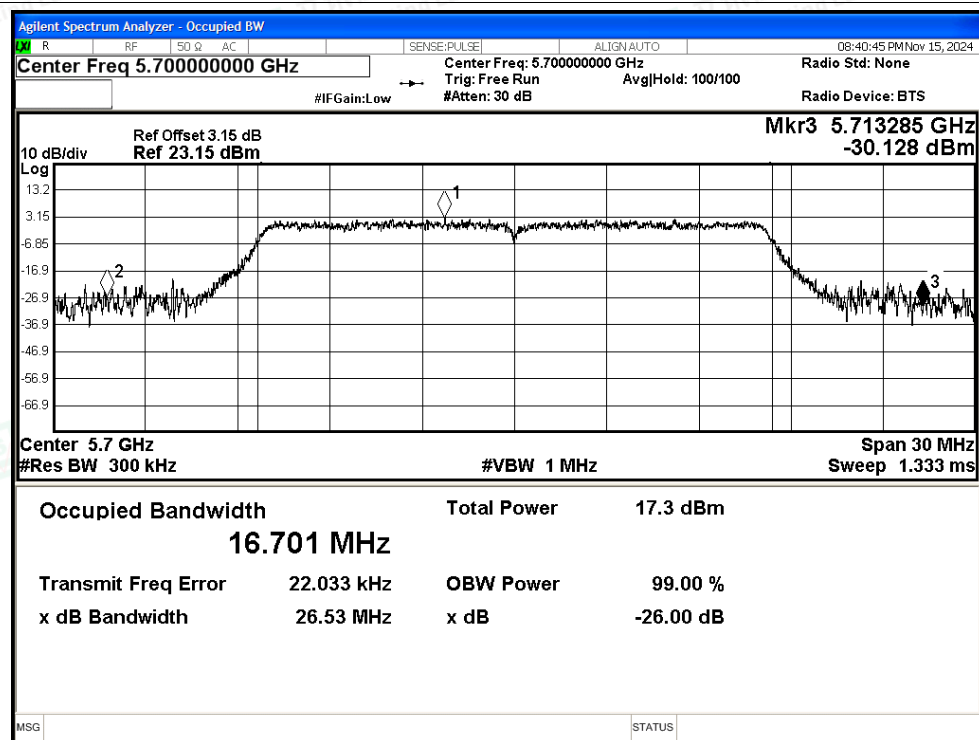
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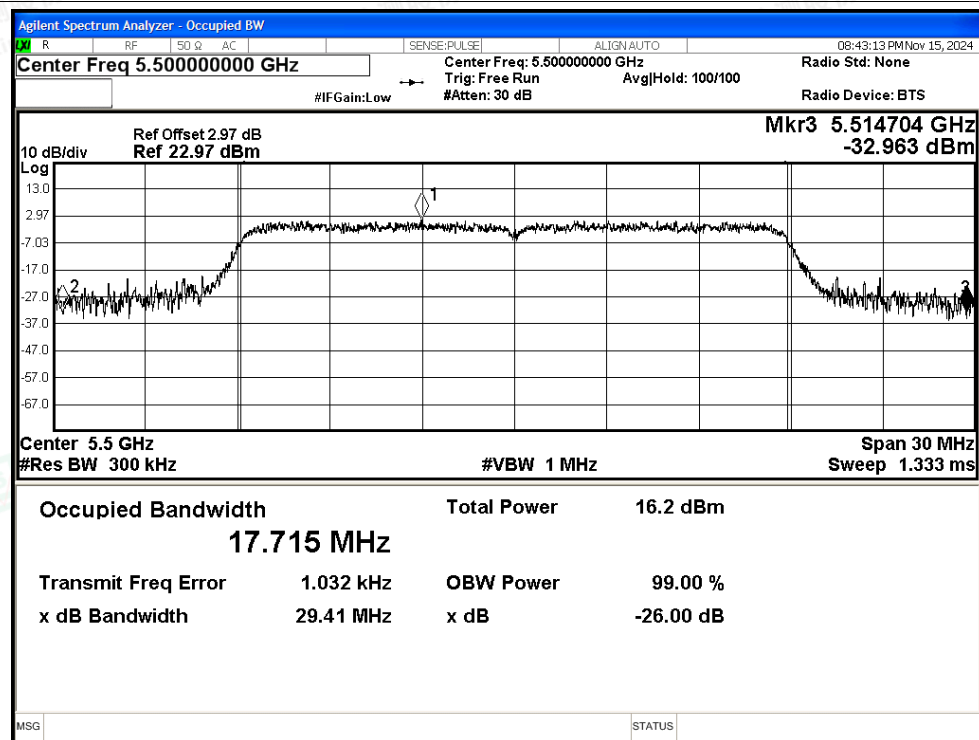
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-26dB Bandwidth NVNT a 5700MHz Ant4



-26dB Bandwidth NVNT n20 5500MHz Ant4



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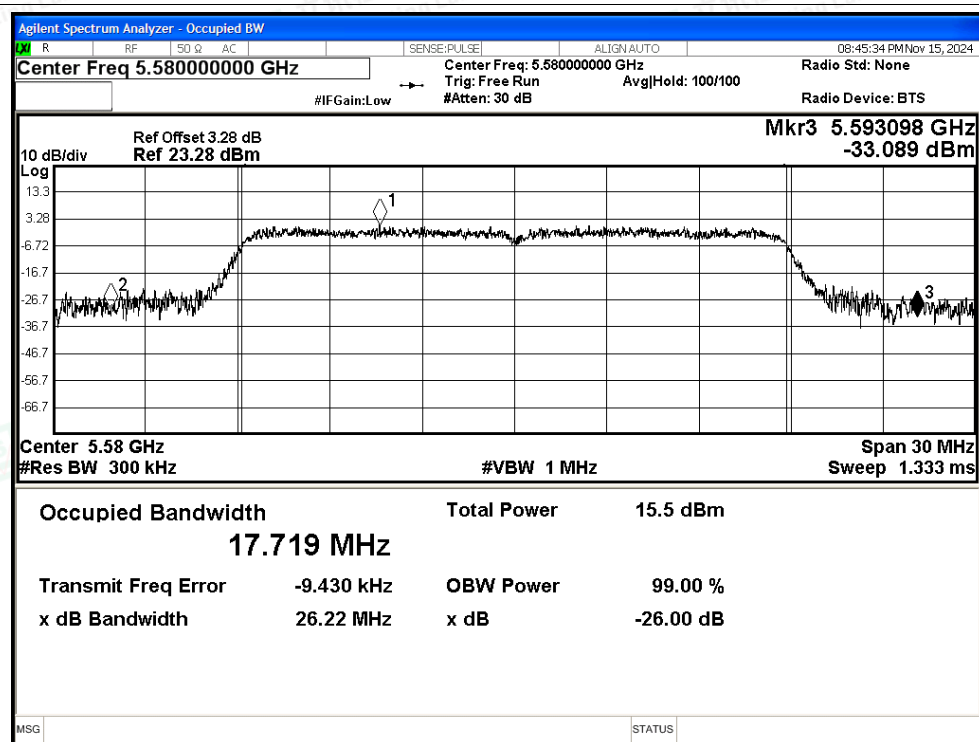
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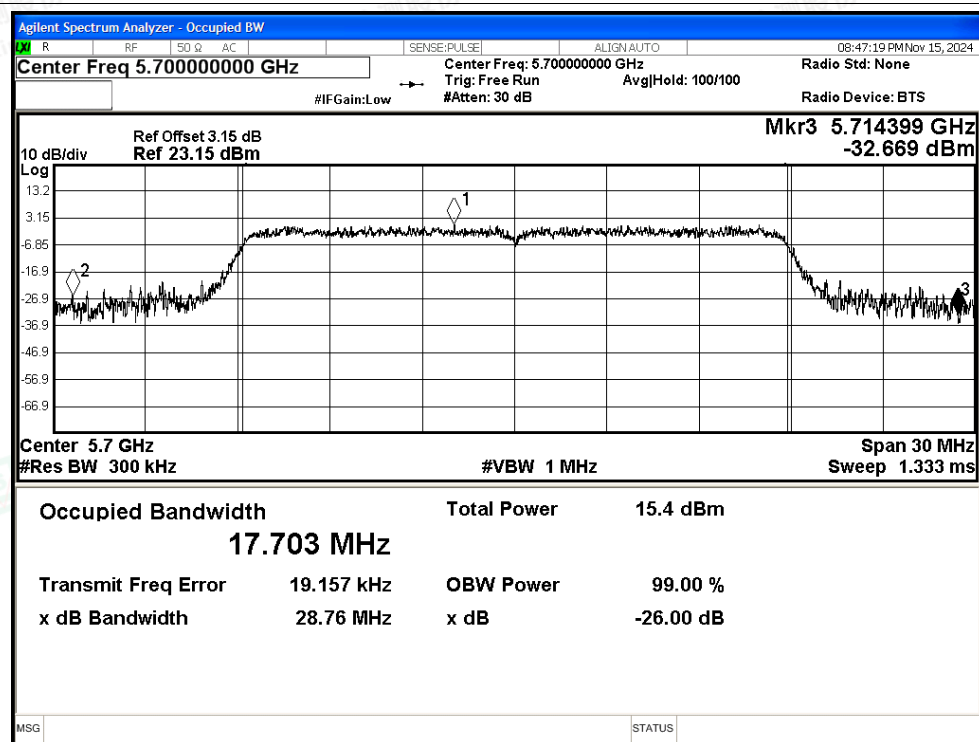
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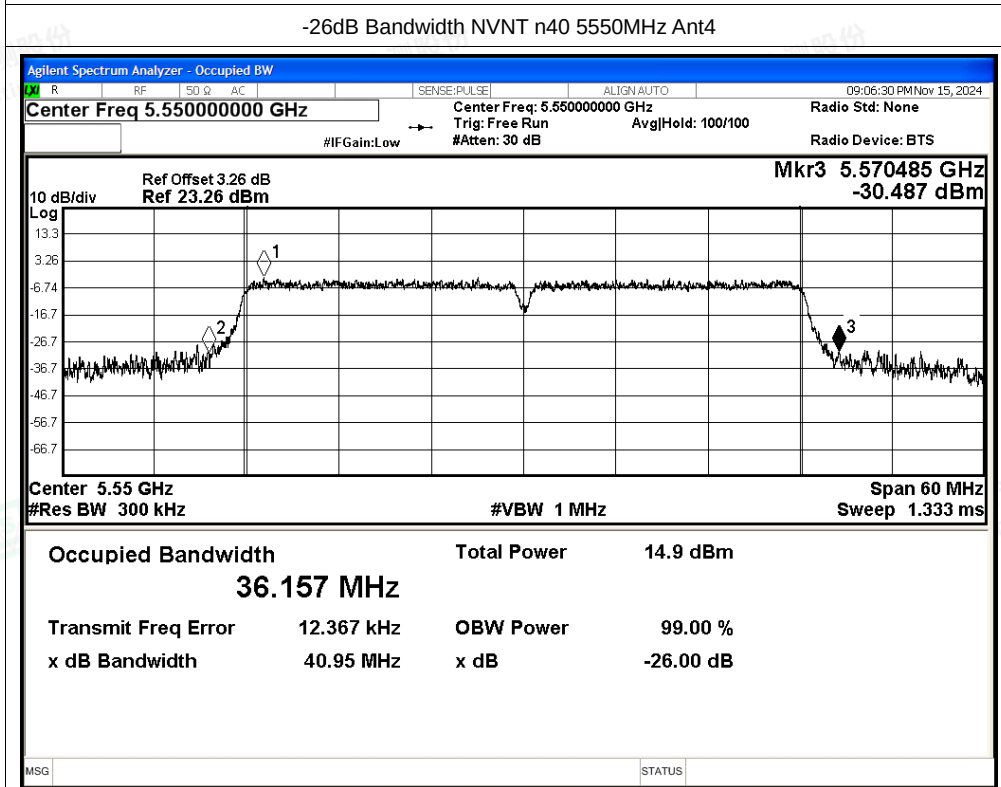
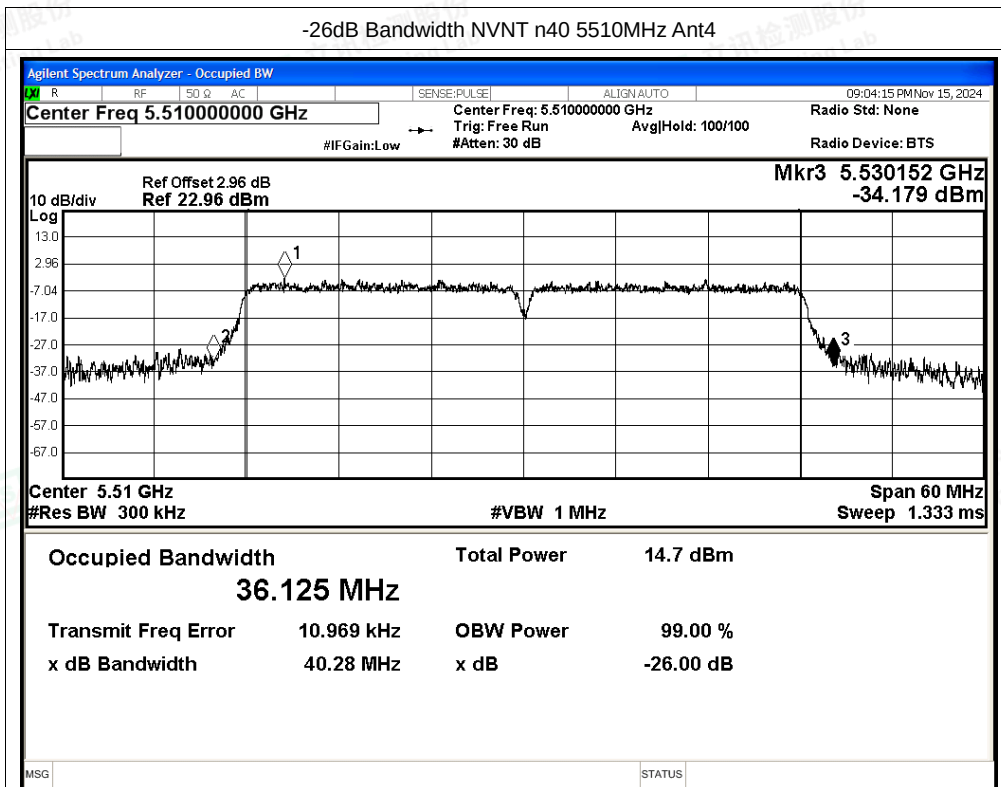


-26dB Bandwidth NVNT n20 5580MHz Ant4



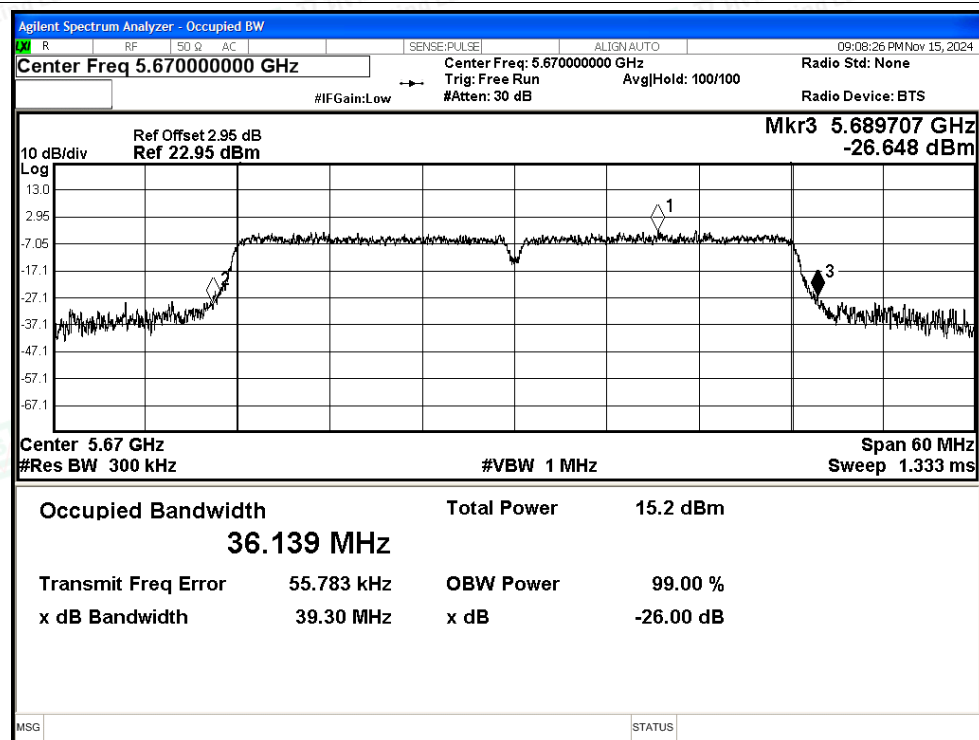
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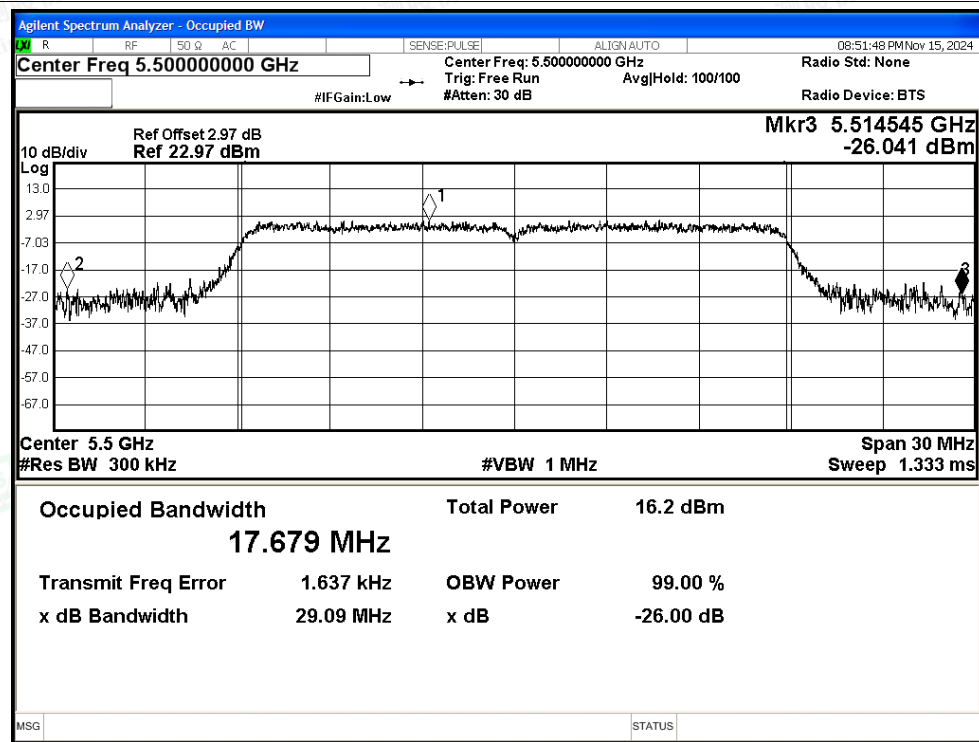




-26dB Bandwidth NVNT n40 5670MHz Ant4



-26dB Bandwidth NVNT ac20 5500MHz Ant4



Shenzhen LCS Compliance Testing Laboratory Ltd.

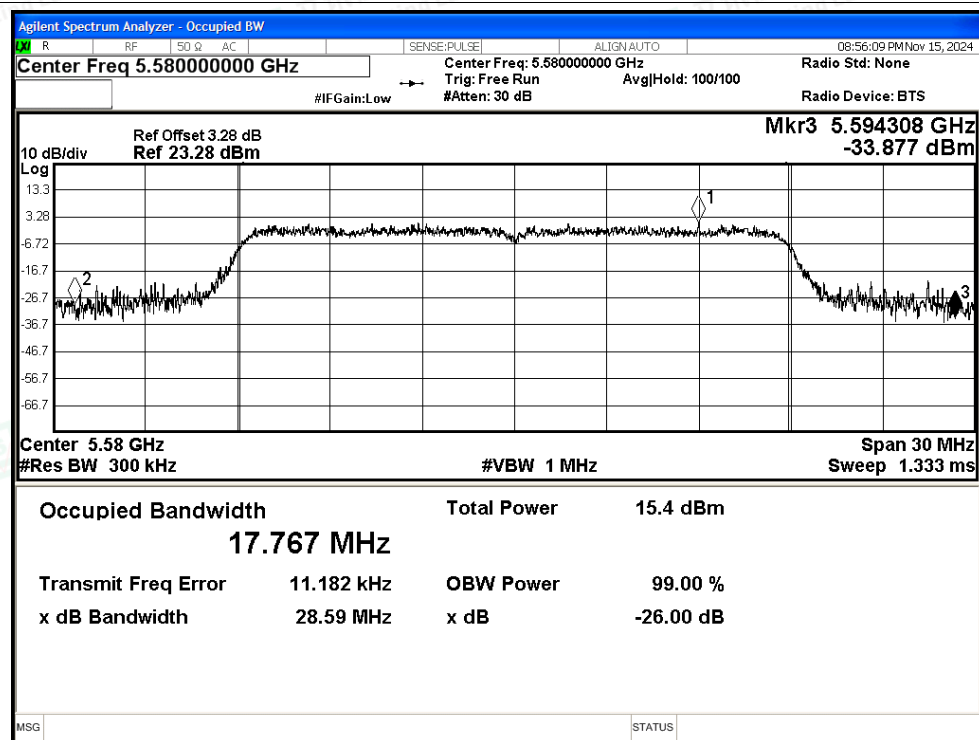
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

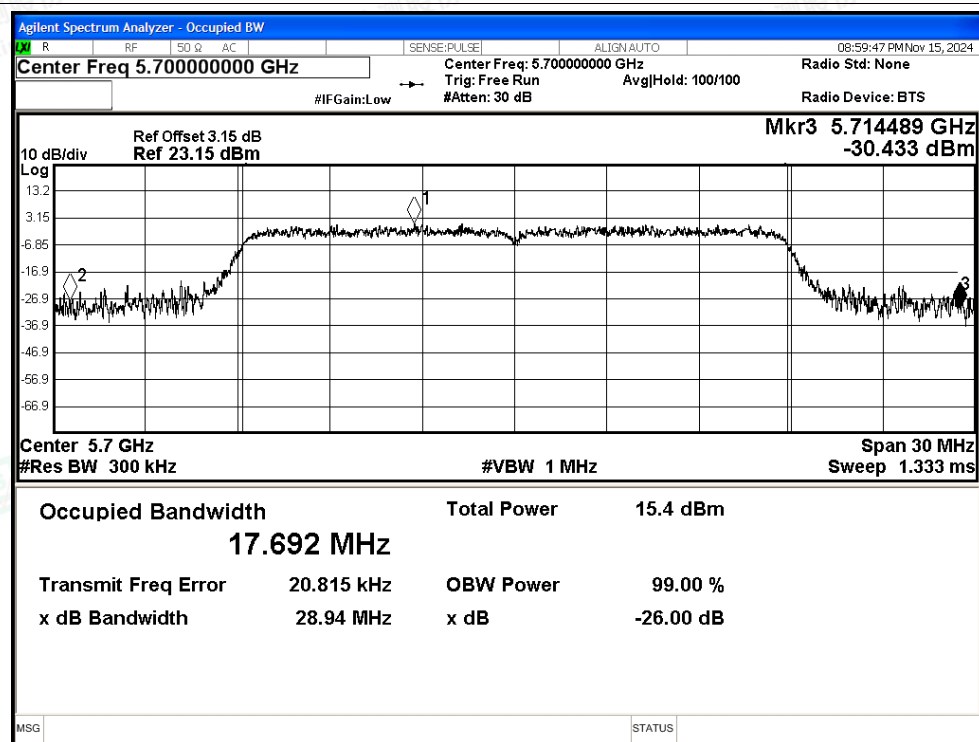
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-26dB Bandwidth NVNT ac20 5580MHz Ant4



-26dB Bandwidth NVNT ac20 5700MHz Ant4



Shenzhen LCS Compliance Testing Laboratory Ltd.

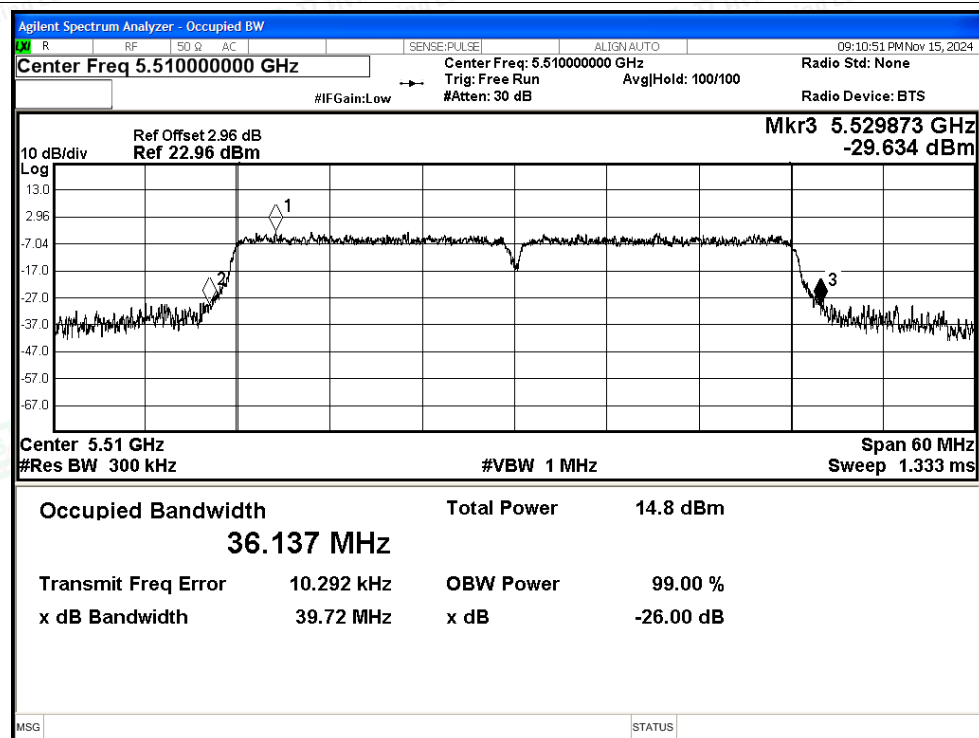
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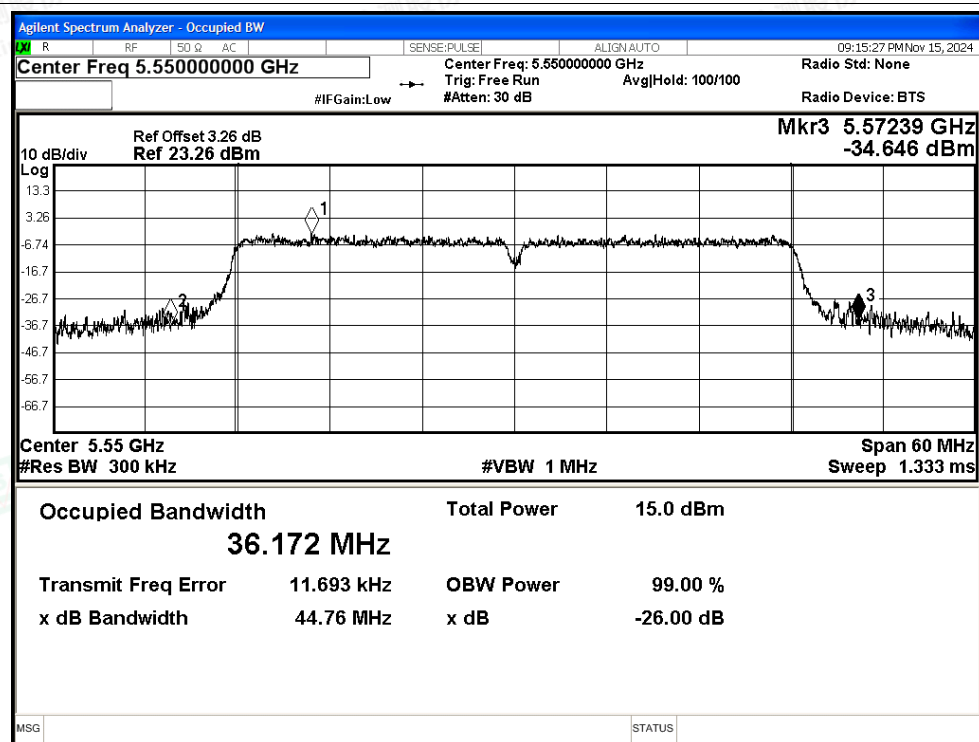
Scan code to check authenticity



-26dB Bandwidth NVNT ac40 5510MHz Ant4



-26dB Bandwidth NVNT ac40 5550MHz Ant4



Shenzhen LCS Compliance Testing Laboratory Ltd.

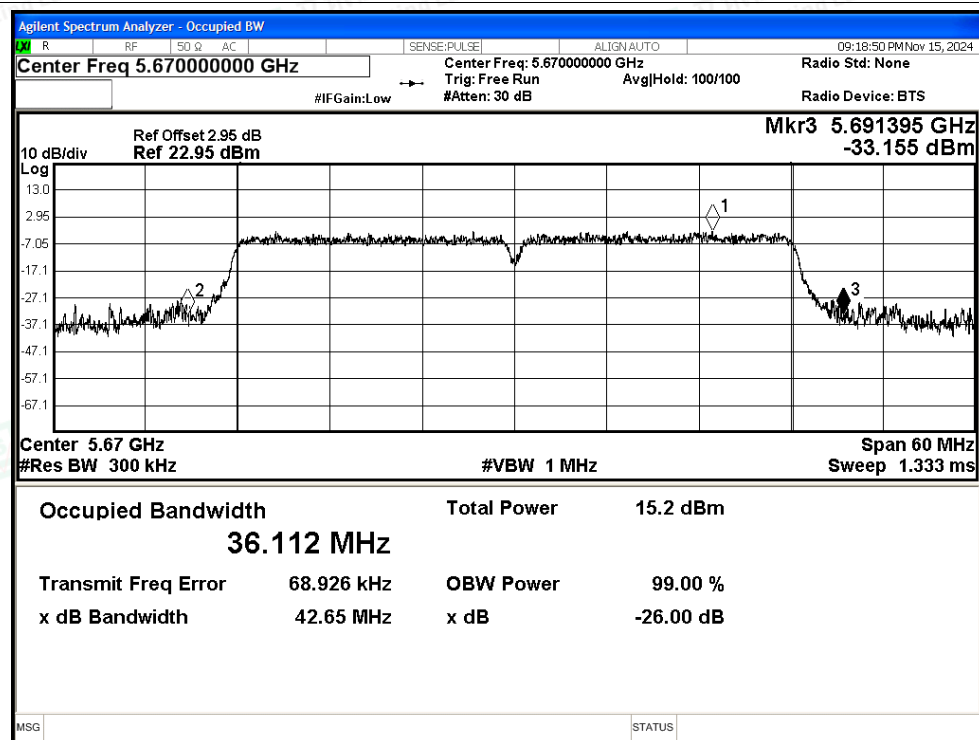
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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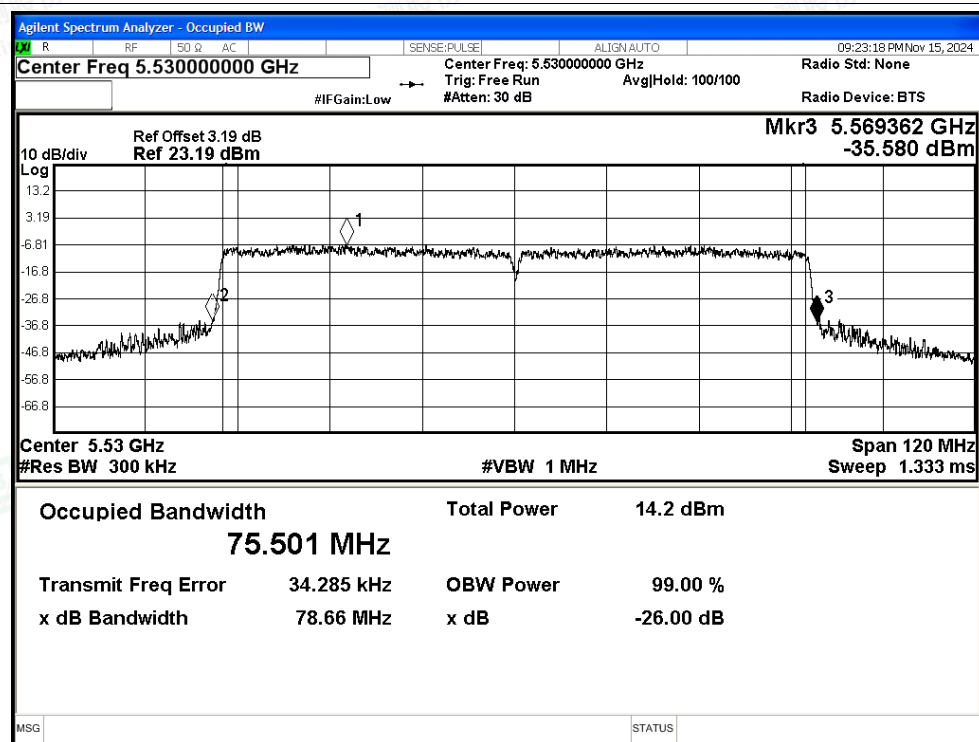
Scan code to check authenticity



-26dB Bandwidth NVNT ac40 5670MHz Ant4



-26dB Bandwidth NVNT ac80 5530MHz Ant4



Shenzhen LCS Compliance Testing Laboratory Ltd.

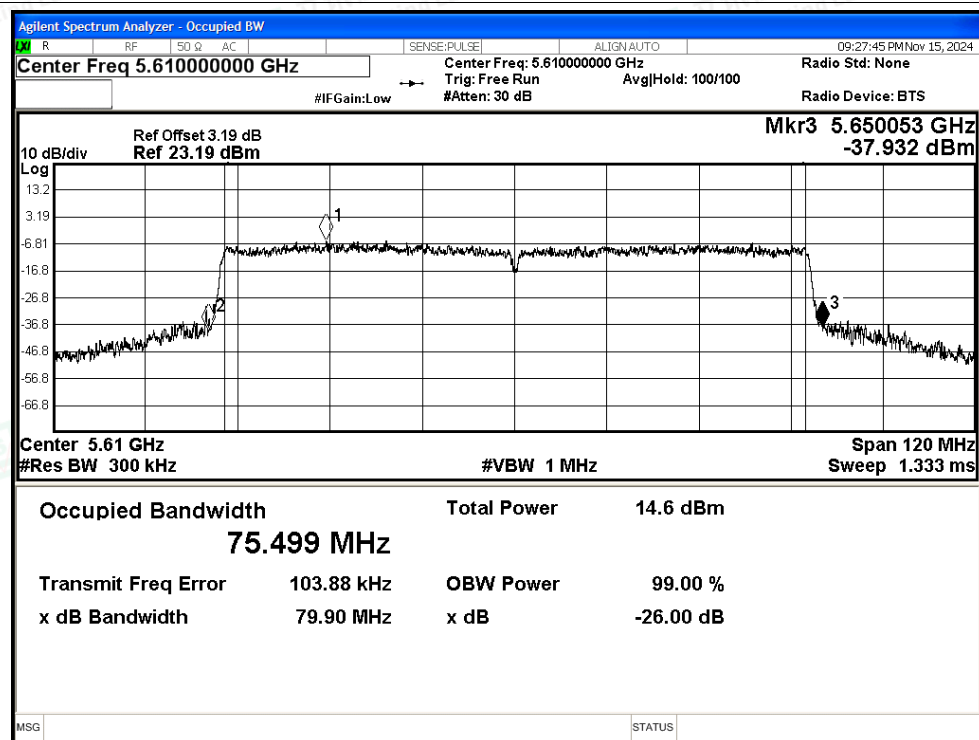
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

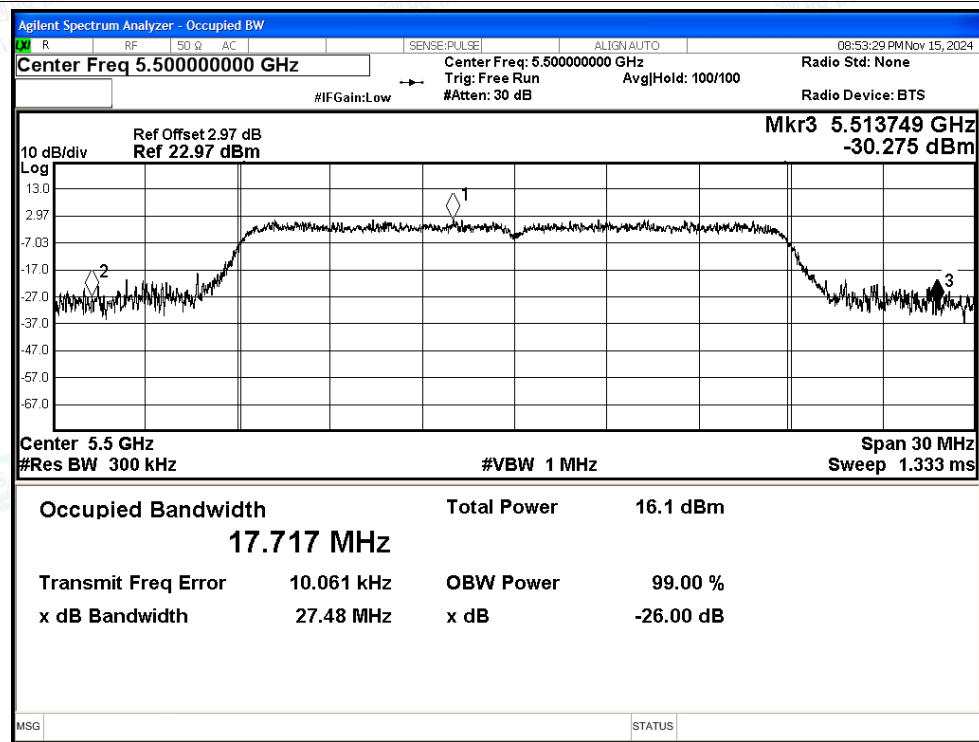
Scan code to check authenticity



-26dB Bandwidth NVNT ac80 5610MHz Ant4

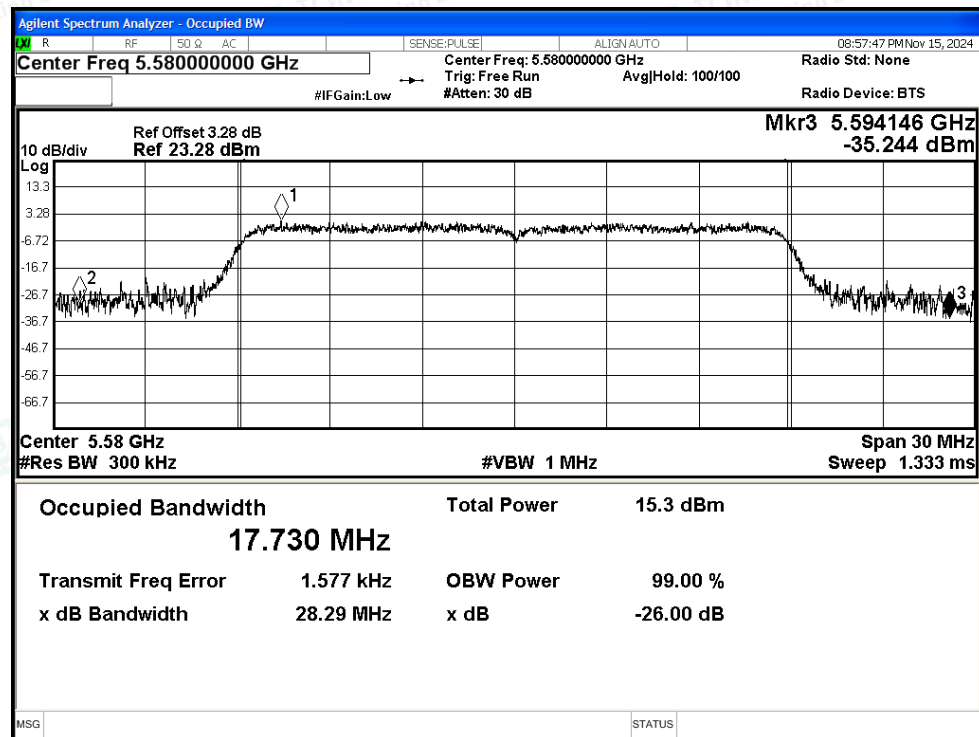


-26dB Bandwidth NVNT ax20 5500MHz Ant4

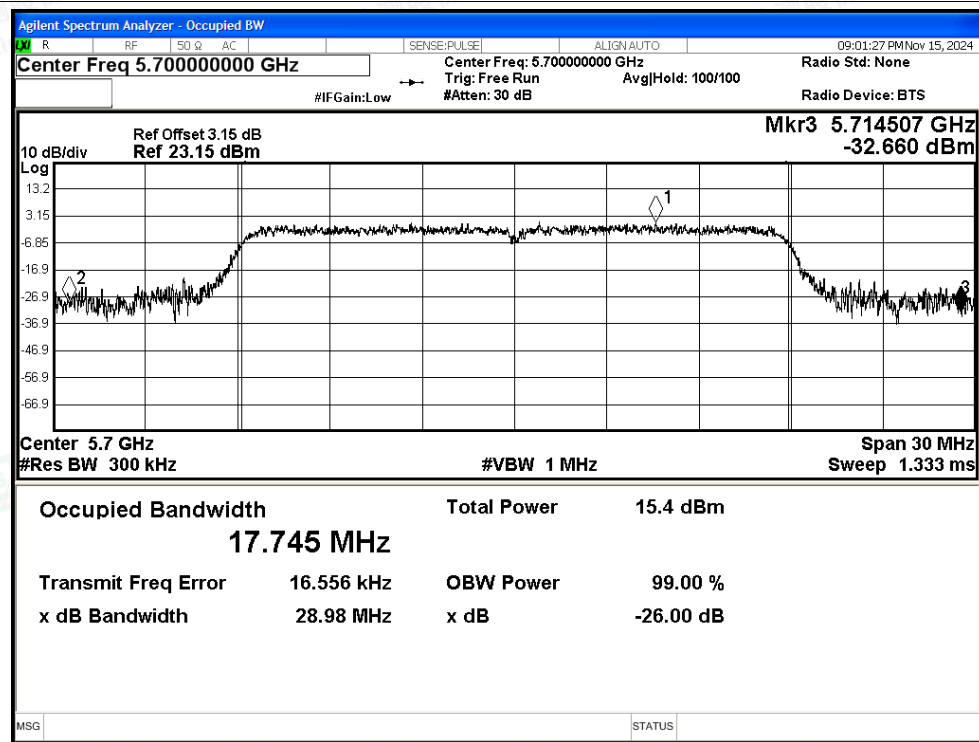




-26dB Bandwidth NVNT ax20 5580MHz Ant4

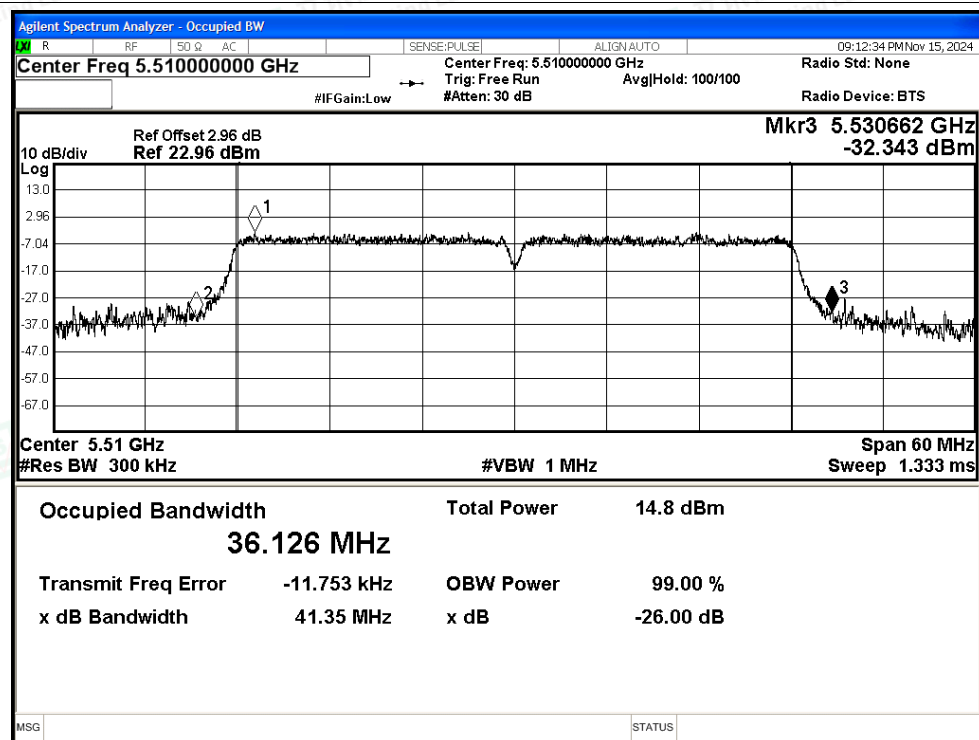


-26dB Bandwidth NVNT ax20 5700MHz Ant4

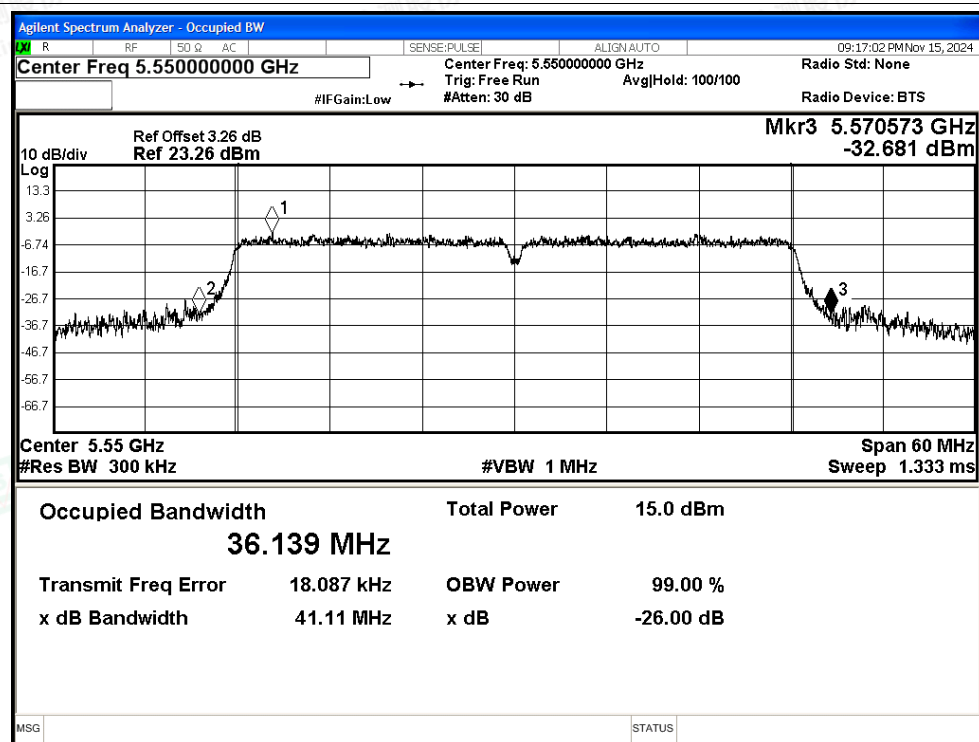




-26dB Bandwidth NVNT ax40 5510MHz Ant4

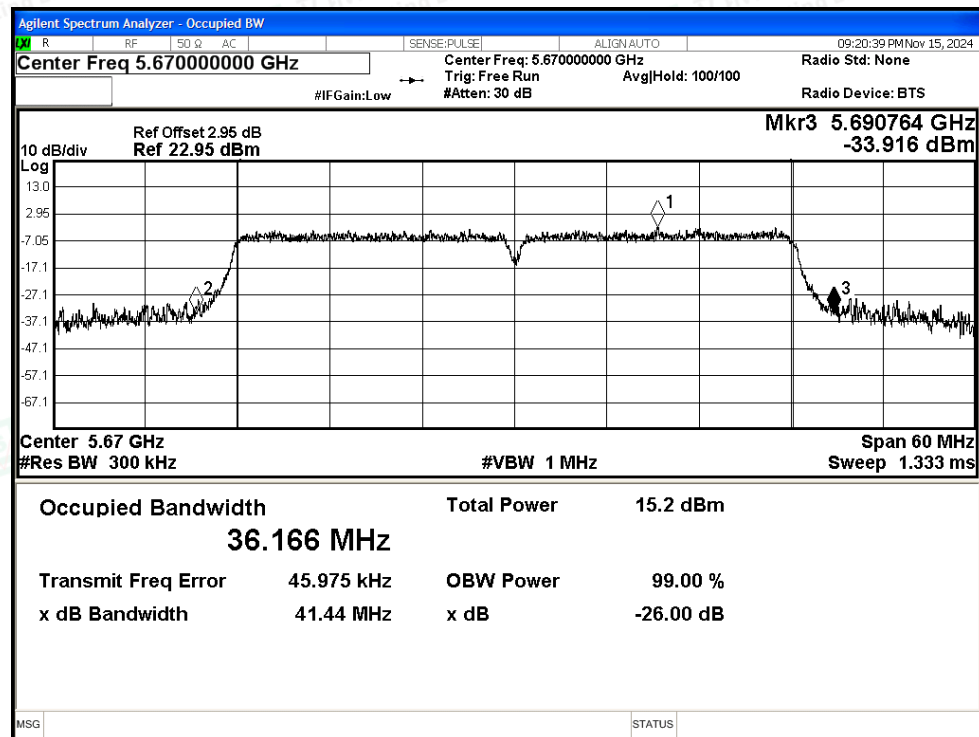


-26dB Bandwidth NVNT ax40 5550MHz Ant4

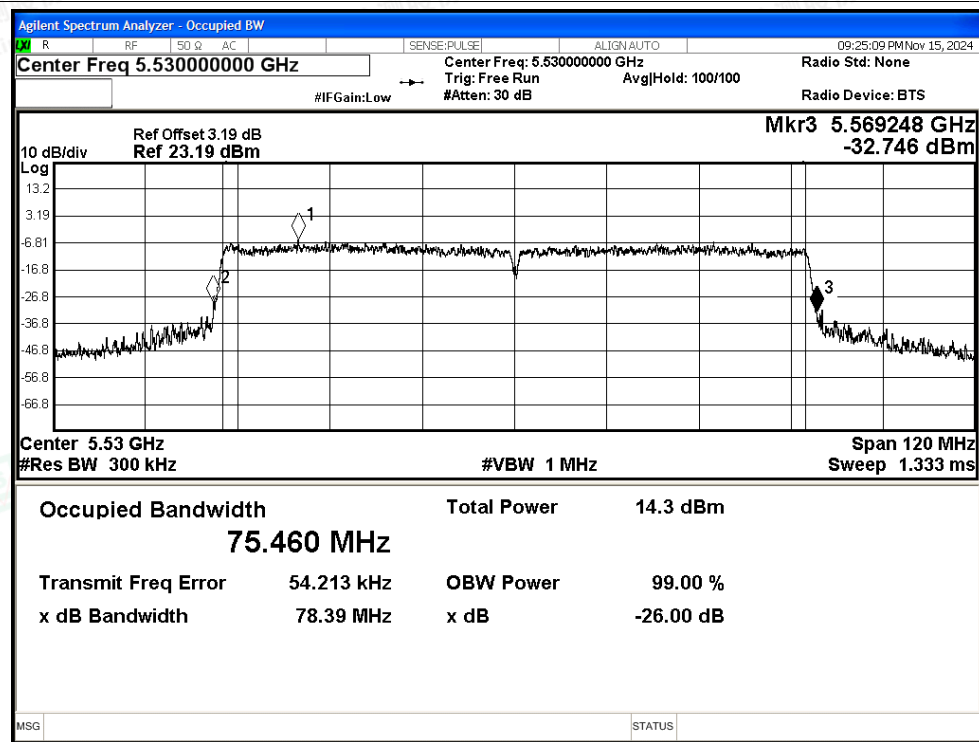


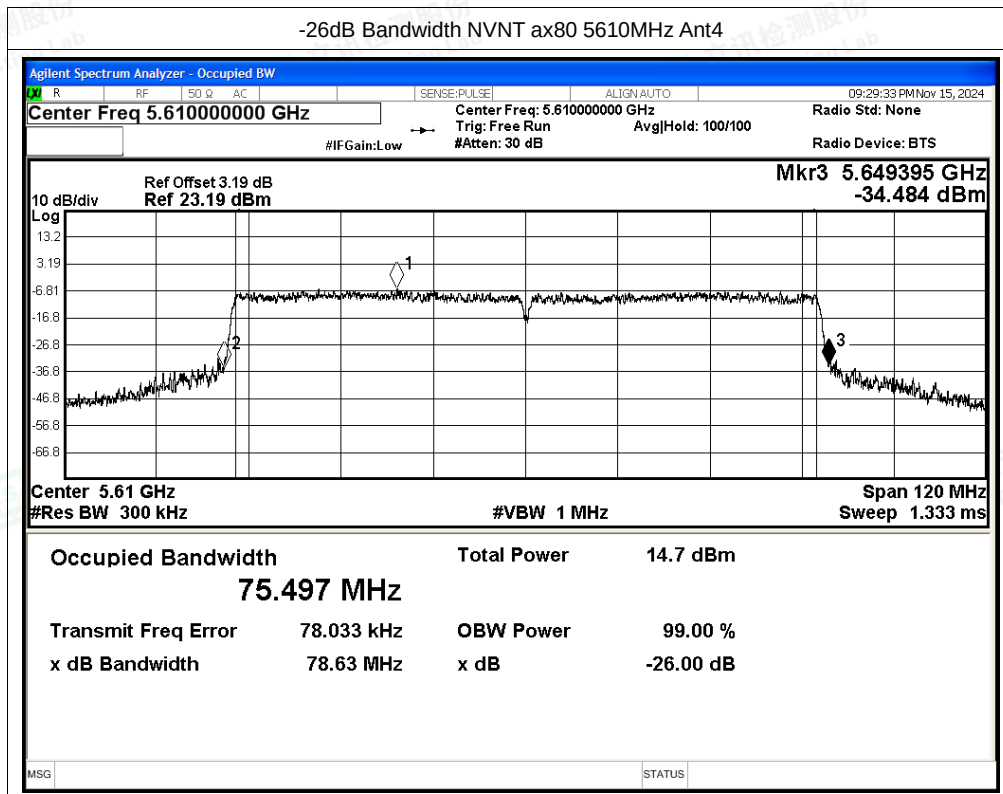


-26dB Bandwidth NVNT ax40 5670MHz Ant4



-26dB Bandwidth NVNT ax80 5530MHz Ant4

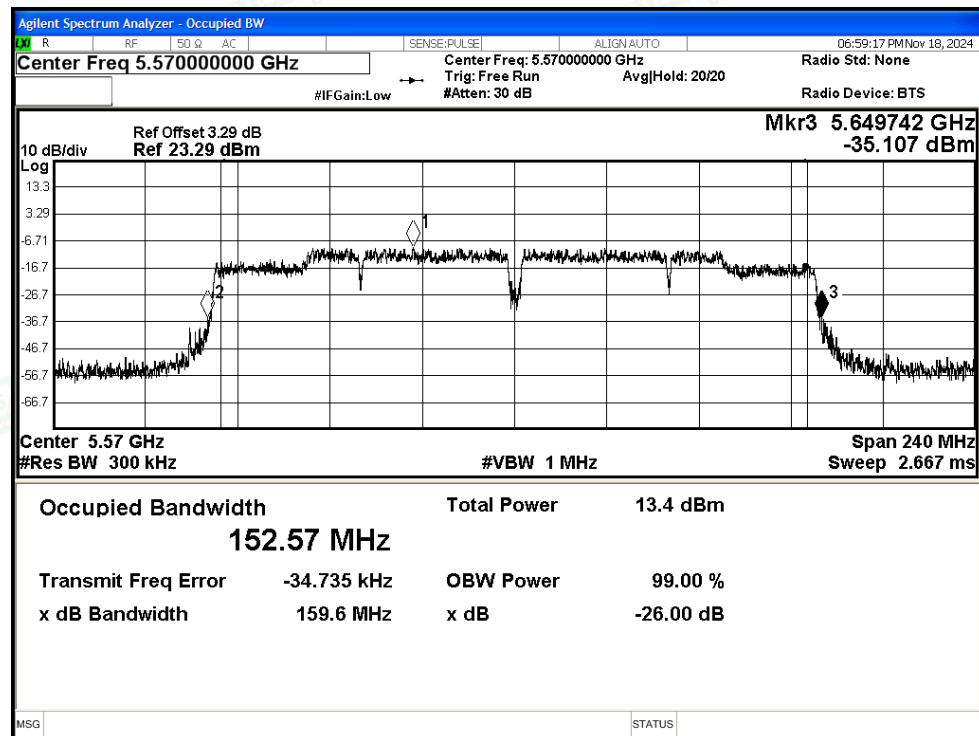




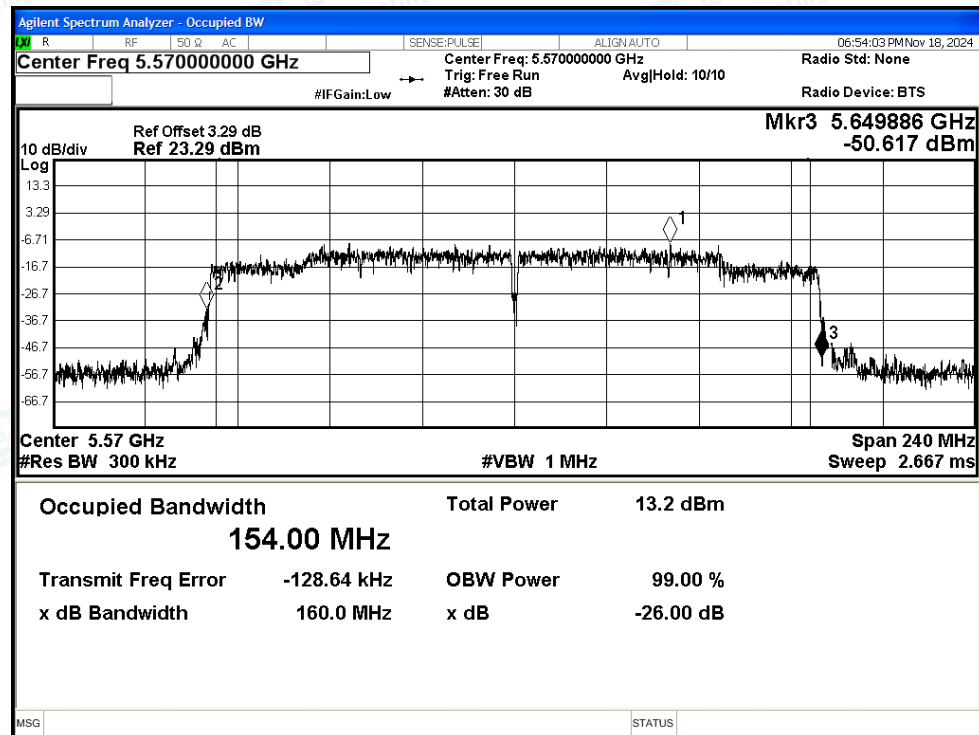


Test Graphs

-26dB Bandwidth NVNT ac160 5570MHz Ant4



-26dB Bandwidth NVNT ax160 5570MHz Ant4



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D.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant3	12.36	0.24	12.6	24	Pass
NVNT	a	5580	Ant3	12.8	0.24	13.04	24	Pass
NVNT	a	5700	Ant3	12.74	0.24	12.98	24	Pass
NVNT	n20	5500	Ant3	11.89	0.12	12.01	24	Pass
NVNT	n20	5580	Ant3	11.31	0.12	11.43	24	Pass
NVNT	n20	5700	Ant3	11.18	0.12	11.3	24	Pass
NVNT	n40	5510	Ant3	10.64	0.12	10.76	24	Pass
NVNT	n40	5550	Ant3	10.79	0.12	10.91	24	Pass
NVNT	n40	5670	Ant3	10.97	0.12	11.09	24	Pass
NVNT	ac20	5500	Ant3	11.78	0.12	11.9	24	Pass
NVNT	ac20	5580	Ant3	11.27	0.12	11.39	24	Pass
NVNT	ac20	5700	Ant3	11.22	0.12	11.34	24	Pass
NVNT	ac40	5510	Ant3	10.51	0.12	10.63	24	Pass
NVNT	ac40	5550	Ant3	10.95	0.12	11.07	24	Pass
NVNT	ac40	5670	Ant3	10.72	0.12	10.84	24	Pass
NVNT	ac80	5530	Ant3	9.29	0.25	9.54	24	Pass
NVNT	ac80	5610	Ant3	9.54	0.25	9.79	24	Pass
NVNT	ax20	5500	Ant3	11.75	0.12	11.87	24	Pass
NVNT	ax20	5580	Ant3	11.3	0.12	11.42	24	Pass
NVNT	ax20	5700	Ant3	11.23	0.12	11.35	24	Pass
NVNT	ax40	5510	Ant3	10.54	0.12	10.66	24	Pass
NVNT	ax40	5550	Ant3	10.94	0.12	11.06	24	Pass
NVNT	ax40	5670	Ant3	10.72	0.12	10.84	24	Pass
NVNT	ax80	5530	Ant3	9.34	0.25	9.59	24	Pass
NVNT	ax80	5610	Ant3	9.56	0.25	9.81	24	Pass
NVNT	ac160	5570	Ant3	8.31	1.09	9.4	24	Pass
NVNT	ax160	5570	Ant3	8.07	1.04	9.11	24	Pass





Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant4	11.39	0.24	11.63	24	Pass
NVNT	a	5580	Ant4	11.59	0.24	11.83	24	Pass
NVNT	a	5700	Ant4	11.51	0.24	11.75	24	Pass
NVNT	n20	5500	Ant4	10.68	0.12	10.8	24	Pass
NVNT	n20	5580	Ant4	9.95	0.12	10.07	24	Pass
NVNT	n20	5700	Ant4	9.79	0.12	9.91	24	Pass
NVNT	n40	5510	Ant4	9.1	0.12	9.22	24	Pass
NVNT	n40	5550	Ant4	9.3	0.12	9.42	24	Pass
NVNT	n40	5670	Ant4	9.58	0.12	9.7	24	Pass
NVNT	ac20	5500	Ant4	10.67	0.12	10.79	24	Pass
NVNT	ac20	5580	Ant4	9.84	0.12	9.96	24	Pass
NVNT	ac20	5700	Ant4	9.88	0.12	10	24	Pass
NVNT	ac40	5510	Ant4	9.13	0.12	9.25	24	Pass
NVNT	ac40	5550	Ant4	9.43	0.12	9.55	24	Pass
NVNT	ac40	5670	Ant4	9.48	0.12	9.6	24	Pass
NVNT	ac80	5530	Ant4	8.11	0.25	8.36	24	Pass
NVNT	ac80	5610	Ant4	8.55	0.25	8.8	24	Pass
NVNT	ax20	5500	Ant4	10.66	0.12	10.78	24	Pass
NVNT	ax20	5580	Ant4	9.86	0.12	9.98	24	Pass
NVNT	ax20	5700	Ant4	9.84	0.12	9.96	24	Pass
NVNT	ax40	5510	Ant4	9.13	0.12	9.25	24	Pass
NVNT	ax40	5550	Ant4	9.39	0.12	9.51	24	Pass
NVNT	ax40	5670	Ant4	9.53	0.12	9.65	24	Pass
NVNT	ax80	5530	Ant4	8.22	0.25	8.47	24	Pass
NVNT	ax80	5610	Ant4	8.54	0.25	8.79	24	Pass
NVNT	ac160	5570	Ant4	7.41	1.09	8.5	24	Pass
NVNT	ax160	5570	Ant4	7.4	1.05	8.45	24	Pass





MIMO

Condition	Mode	Frequency (MHz)	Antenna		Total Power (dBm)	Limit (dBm)	Verdict
			Ant3	Ant4			
NVNT	n20	5500	12.01	10.8	14.46	24	Pass
NVNT	n20	5580	11.43	10.07	13.81	24	Pass
NVNT	n20	5700	11.3	9.91	13.67	24	Pass
NVNT	n40	5510	10.76	9.22	13.07	24	Pass
NVNT	n40	5550	10.91	9.42	13.24	24	Pass
NVNT	n40	5670	11.09	9.7	13.46	24	Pass
NVNT	ac20	5500	11.9	10.79	14.39	24	Pass
NVNT	ac20	5580	11.39	9.96	13.74	24	Pass
NVNT	ac20	5700	11.34	10	13.73	24	Pass
NVNT	ac40	5510	10.63	9.25	13.00	24	Pass
NVNT	ac40	5550	11.07	9.55	13.39	24	Pass
NVNT	ac40	5670	10.84	9.6	13.27	24	Pass
NVNT	ac80	5530	9.54	8.36	12.00	24	Pass
NVNT	ac80	5610	9.79	8.8	12.33	24	Pass
NVNT	ax20	5500	11.87	10.78	14.37	24	Pass
NVNT	ax20	5580	11.42	9.98	13.77	24	Pass
NVNT	ax20	5700	11.35	9.96	13.72	24	Pass
NVNT	ax40	5510	10.66	9.25	13.02	24	Pass
NVNT	ax40	5550	11.06	9.51	13.36	24	Pass
NVNT	ax40	5670	10.84	9.65	13.30	24	Pass
NVNT	ax80	5530	9.59	8.47	12.08	24	Pass
NVNT	ax80	5610	9.81	8.79	12.34	24	Pass
NVNT	ac160	5570	9.4	8.5	11.98	24	Pass
NVNT	ax160	5570	9.11	8.45	11.80	24	Pass



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D.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5500	Ant3	1.45	0.24	1.69	11	Pass
NVNT	a	5580	Ant3	2.2	0.24	2.44	11	Pass
NVNT	a	5700	Ant3	2.11	0.24	2.35	11	Pass
NVNT	n20	5500	Ant3	1.25	0.12	1.37	11	Pass
NVNT	n20	5580	Ant3	0.38	0.12	0.5	11	Pass
NVNT	n20	5700	Ant3	0.67	0.12	0.79	11	Pass
NVNT	n40	5510	Ant3	-3.06	0.12	-2.94	11	Pass
NVNT	n40	5550	Ant3	-3.33	0.12	-3.21	11	Pass
NVNT	n40	5670	Ant3	-2.91	0.12	-2.79	11	Pass
NVNT	ac20	5500	Ant3	1.12	0.12	1.24	11	Pass
NVNT	ac20	5580	Ant3	0.48	0.12	0.6	11	Pass
NVNT	ac20	5700	Ant3	0.36	0.12	0.48	11	Pass
NVNT	ac40	5510	Ant3	-3.23	0.12	-3.11	11	Pass
NVNT	ac40	5550	Ant3	-2.62	0.12	-2.5	11	Pass
NVNT	ac40	5670	Ant3	-3.04	0.12	-2.92	11	Pass
NVNT	ac80	5530	Ant3	-7.35	0.25	-7.1	11	Pass
NVNT	ac80	5610	Ant3	-7.16	0.25	-6.91	11	Pass
NVNT	ax20	5500	Ant3	0.91	0.12	1.03	11	Pass
NVNT	ax20	5580	Ant3	0.3	0.12	0.42	11	Pass
NVNT	ax20	5700	Ant3	0.39	0.12	0.51	11	Pass
NVNT	ax40	5510	Ant3	-3.02	0.12	-2.9	11	Pass
NVNT	ax40	5550	Ant3	-2.99	0.12	-2.87	11	Pass
NVNT	ax40	5670	Ant3	-2.96	0.12	-2.84	11	Pass
NVNT	ax80	5530	Ant3	-6.98	0.25	-6.73	11	Pass
NVNT	ax80	5610	Ant3	-6.92	0.25	-6.67	11	Pass
NVNT	ac160	5570	Ant3	-10.36	1.09	-9.27	11	Pass
NVNT	ax160	5570	Ant3	-10.6	1.04	-9.56	11	Pass





Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD(dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5500	Ant4	0.71	0.24	0.95	11	Pass
NVNT	a	5580	Ant4	1.22	0.24	1.46	11	Pass
NVNT	a	5700	Ant4	1.32	0.24	1.56	11	Pass
NVNT	n20	5500	Ant4	-0.26	0.12	-0.14	11	Pass
NVNT	n20	5580	Ant4	-0.89	0.12	-0.77	11	Pass
NVNT	n20	5700	Ant4	-1.04	0.12	-0.92	11	Pass
NVNT	n40	5510	Ant4	-4.55	0.12	-4.43	11	Pass
NVNT	n40	5550	Ant4	-4.72	0.12	-4.6	11	Pass
NVNT	n40	5670	Ant4	-4.2	0.12	-4.08	11	Pass
NVNT	ac20	5500	Ant4	-0.2	0.12	-0.08	11	Pass
NVNT	ac20	5580	Ant4	-1.06	0.12	-0.94	11	Pass
NVNT	ac20	5700	Ant4	-0.78	0.12	-0.66	11	Pass
NVNT	ac40	5510	Ant4	-4.34	0.12	-4.22	11	Pass
NVNT	ac40	5550	Ant4	-4.46	0.12	-4.34	11	Pass
NVNT	ac40	5670	Ant4	-4.2	0.12	-4.08	11	Pass
NVNT	ac80	5530	Ant4	-8.1	0.25	-7.85	11	Pass
NVNT	ac80	5610	Ant4	-7.87	0.25	-7.62	11	Pass
NVNT	ax20	5500	Ant4	-0.04	0.12	0.08	11	Pass
NVNT	ax20	5580	Ant4	-0.84	0.12	-0.72	11	Pass
NVNT	ax20	5700	Ant4	-0.94	0.12	-0.82	11	Pass
NVNT	ax40	5510	Ant4	-4.71	0.12	-4.59	11	Pass
NVNT	ax40	5550	Ant4	-4.43	0.12	-4.31	11	Pass
NVNT	ax40	5670	Ant4	-4.25	0.12	-4.13	11	Pass
NVNT	ax80	5530	Ant4	-8.29	0.25	-8.04	11	Pass
NVNT	ax80	5610	Ant4	-8.05	0.25	-7.8	11	Pass
NVNT	ac160	5570	Ant4	-11.18	1.09	-10.09	11	Pass
NVNT	ax160	5570	Ant4	-11.12	1.05	-10.07	11	Pass





MIMO

Condition	Mode	Frequency (MHz)	Conducted PSD (dBm) Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
			Ant3	Ant4			
NVNT	n20	5500	1.37	-0.14	3.69	8.77	Pass
NVNT	n20	5580	0.5	-0.77	2.92	8.77	Pass
NVNT	n20	5700	0.79	-0.92	3.03	8.77	Pass
NVNT	n40	5510	-2.94	-4.43	-0.61	8.77	Pass
NVNT	n40	5550	-3.21	-4.6	-0.84	8.77	Pass
NVNT	n40	5670	-2.79	-4.08	-0.38	8.77	Pass
NVNT	ac20	5500	1.24	-0.08	3.64	8.77	Pass
NVNT	ac20	5580	0.6	-0.94	2.91	8.77	Pass
NVNT	ac20	5700	0.48	-0.66	2.96	8.77	Pass
NVNT	ac40	5510	-3.11	-4.22	-0.62	8.77	Pass
NVNT	ac40	5550	-2.5	-4.34	-0.31	8.77	Pass
NVNT	ac40	5670	-2.92	-4.08	-0.45	8.77	Pass
NVNT	ac80	5530	-7.1	-7.85	-4.45	8.77	Pass
NVNT	ac80	5610	-6.91	-7.62	-4.24	8.77	Pass
NVNT	ax20	5500	1.03	0.08	3.59	8.77	Pass
NVNT	ax20	5580	0.42	-0.72	2.90	8.77	Pass
NVNT	ax20	5700	0.51	-0.82	2.91	8.77	Pass
NVNT	ax40	5510	-2.9	-4.59	-0.65	8.77	Pass
NVNT	ax40	5550	-2.87	-4.31	-0.52	8.77	Pass
NVNT	ax40	5670	-2.84	-4.13	-0.43	8.77	Pass
NVNT	ax80	5530	-6.73	-8.04	-4.33	8.77	Pass
NVNT	ax80	5610	-6.67	-7.8	-4.19	8.77	Pass
NVNT	ac160	5570	-9.27	-10.09	-6.65	8.77	Pass
NVNT	ax160	5570	-9.56	-10.07	-6.80	8.77	Pass

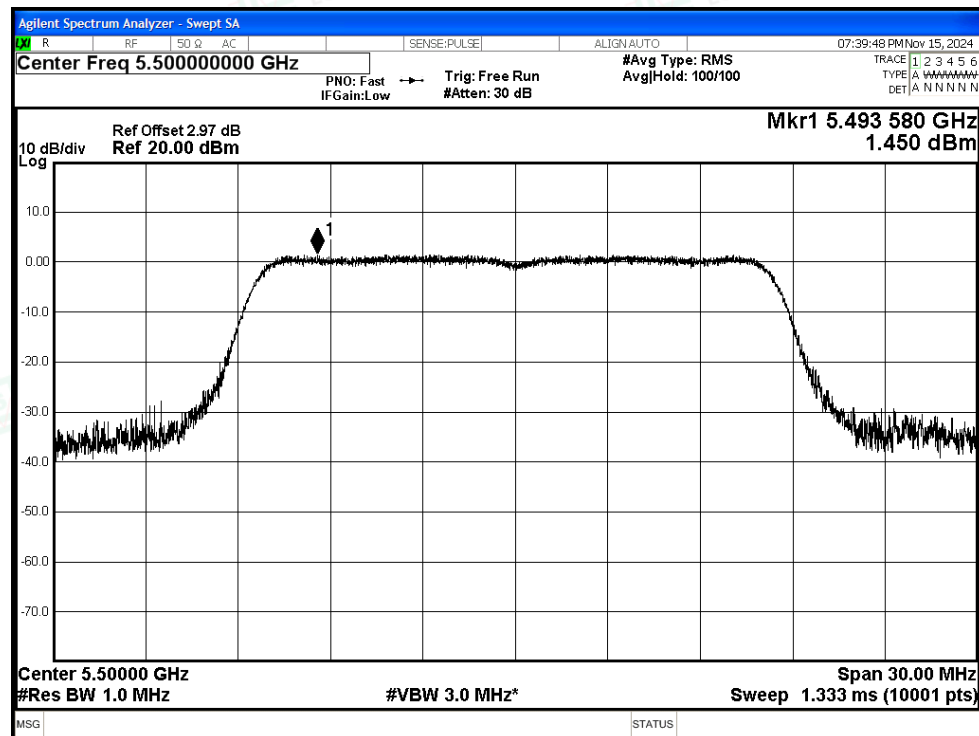


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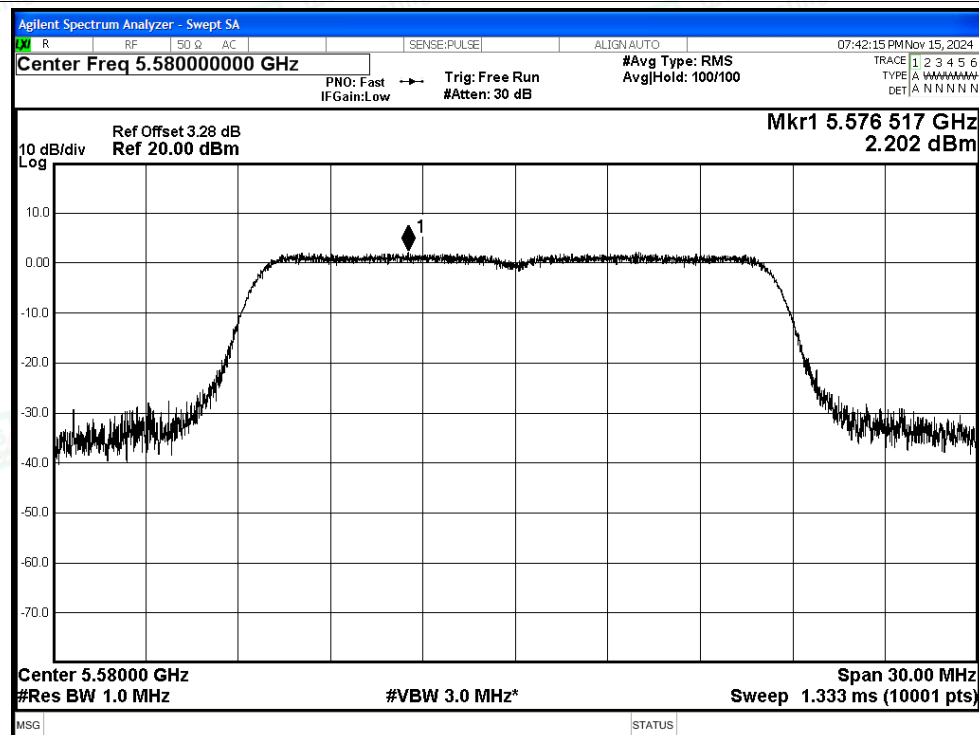


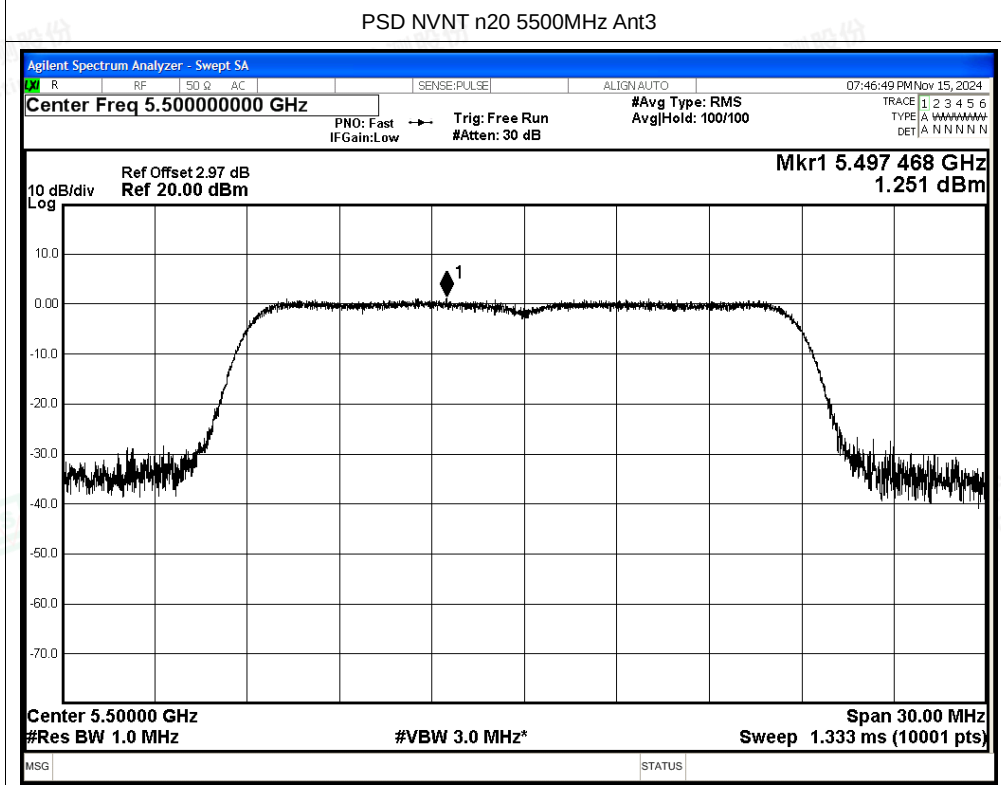
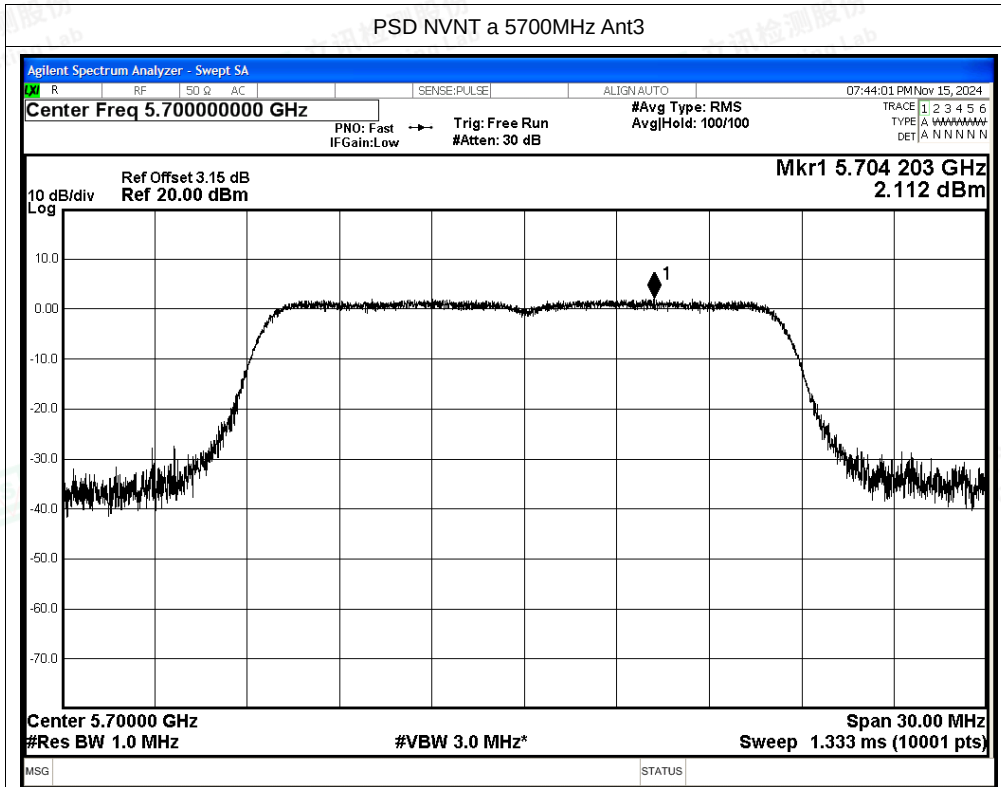
Test Graphs

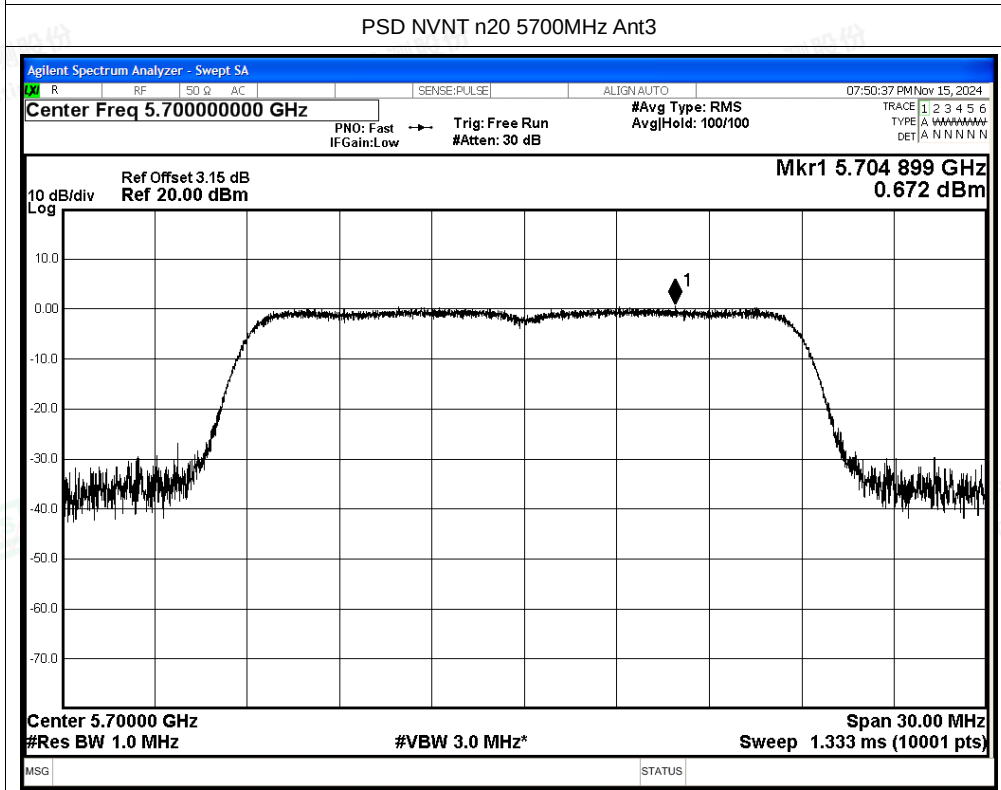
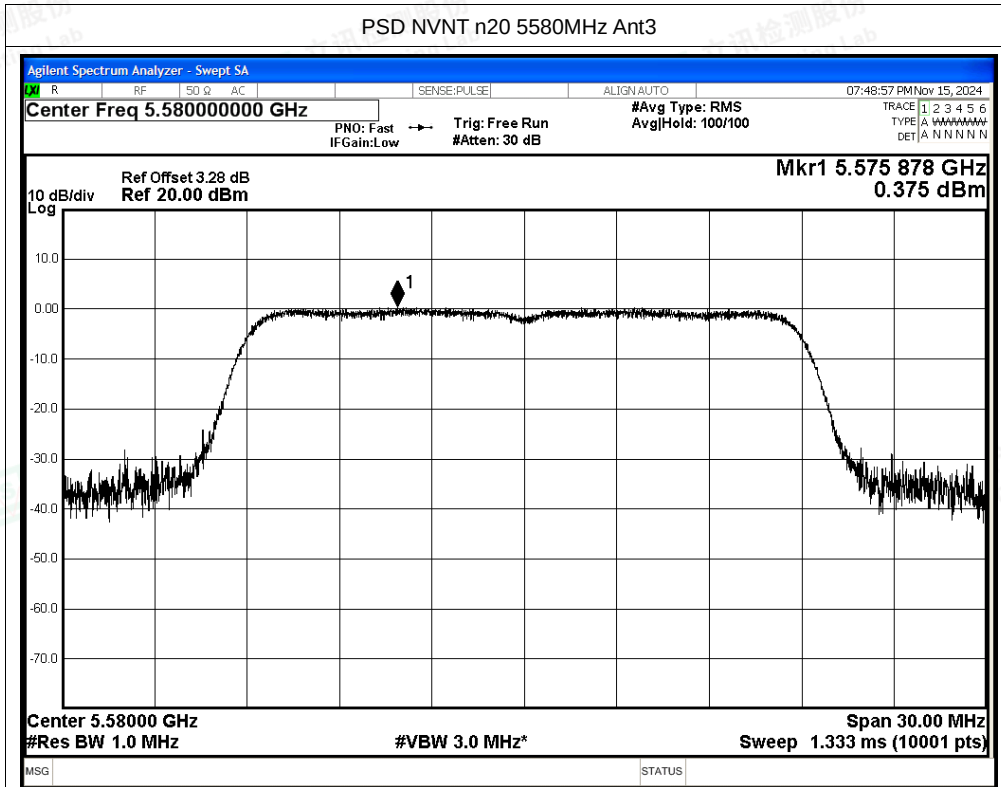
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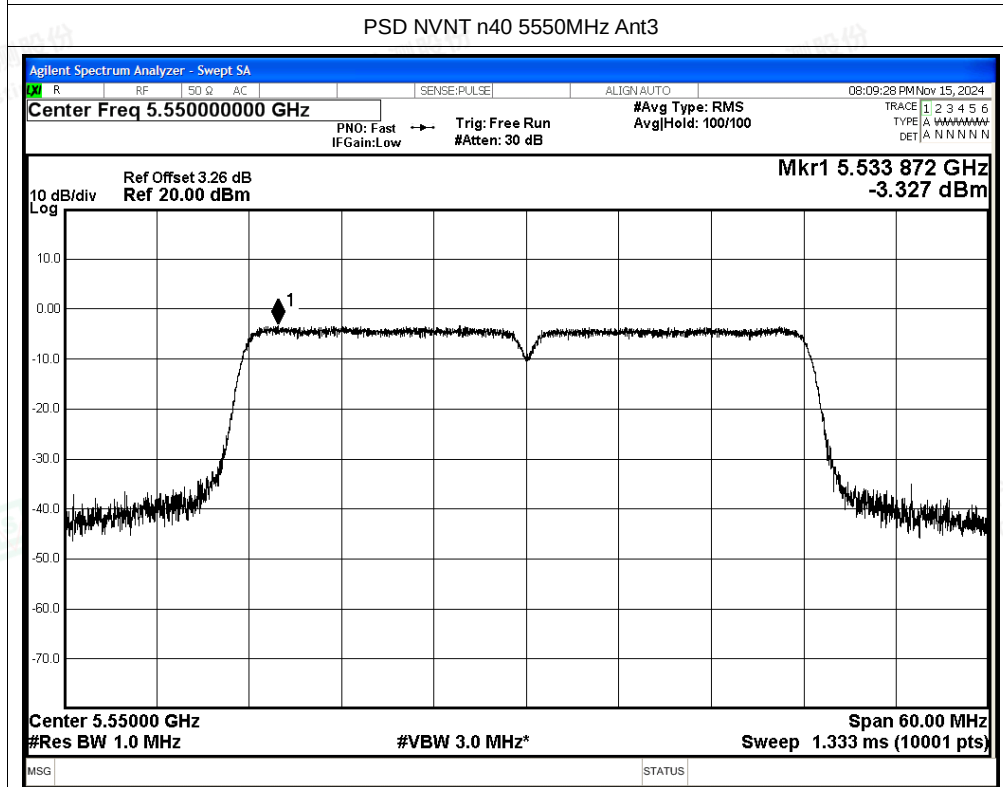
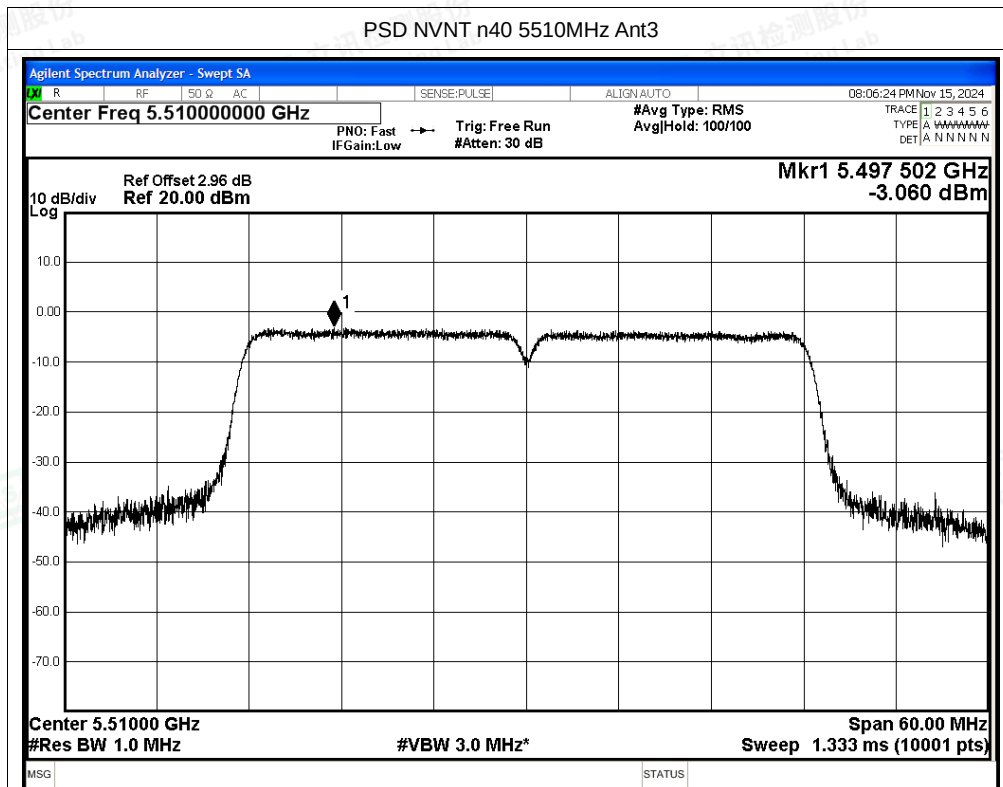


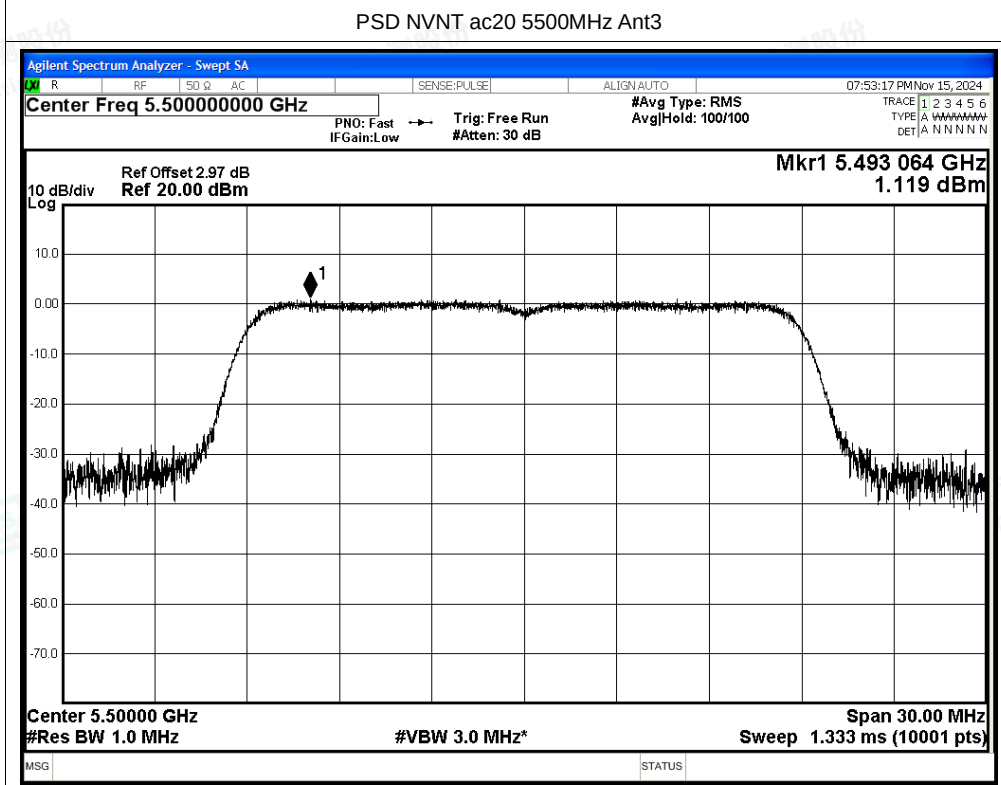
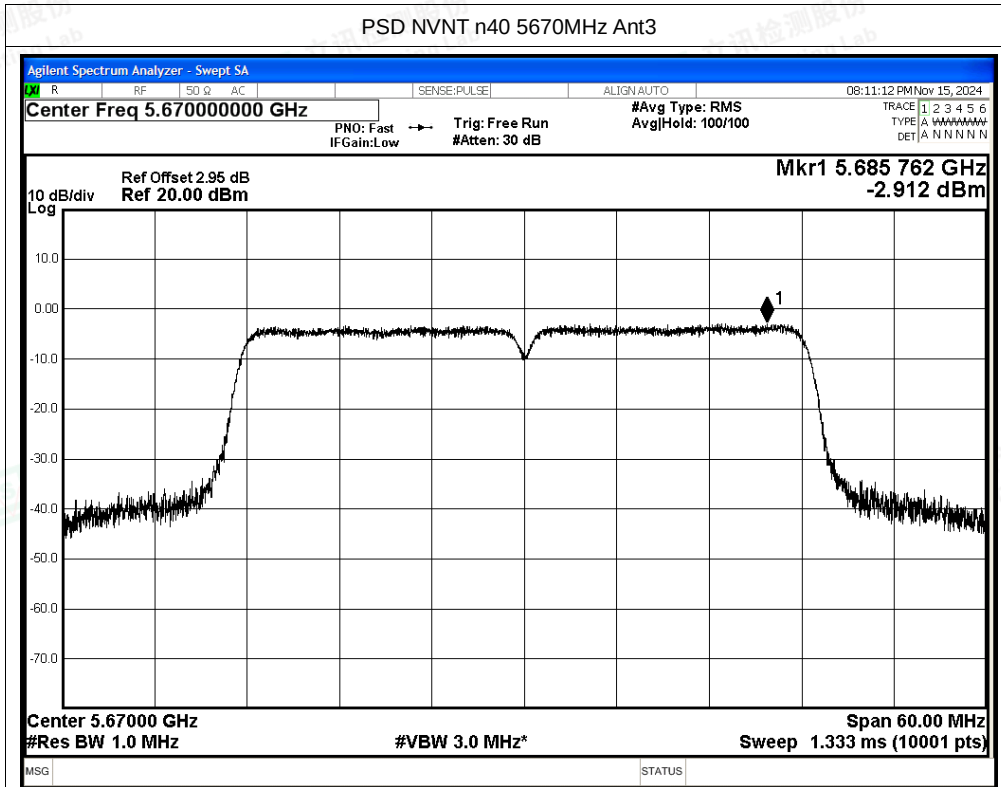
PSD NVNT a 5580MHz Ant3

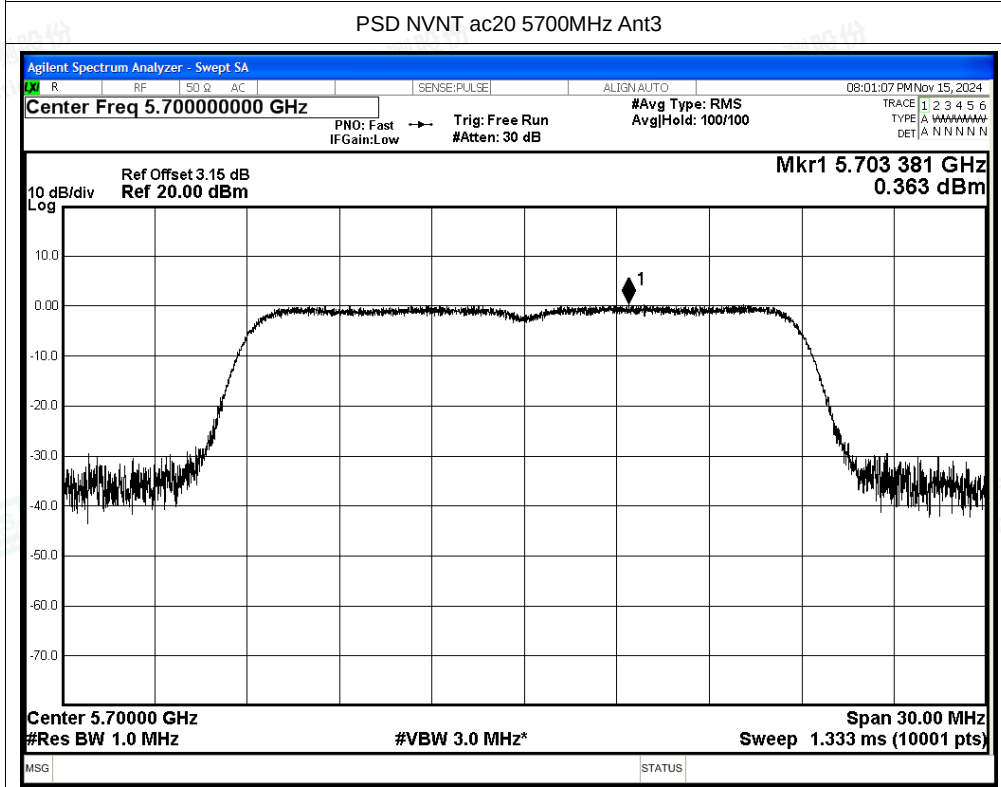
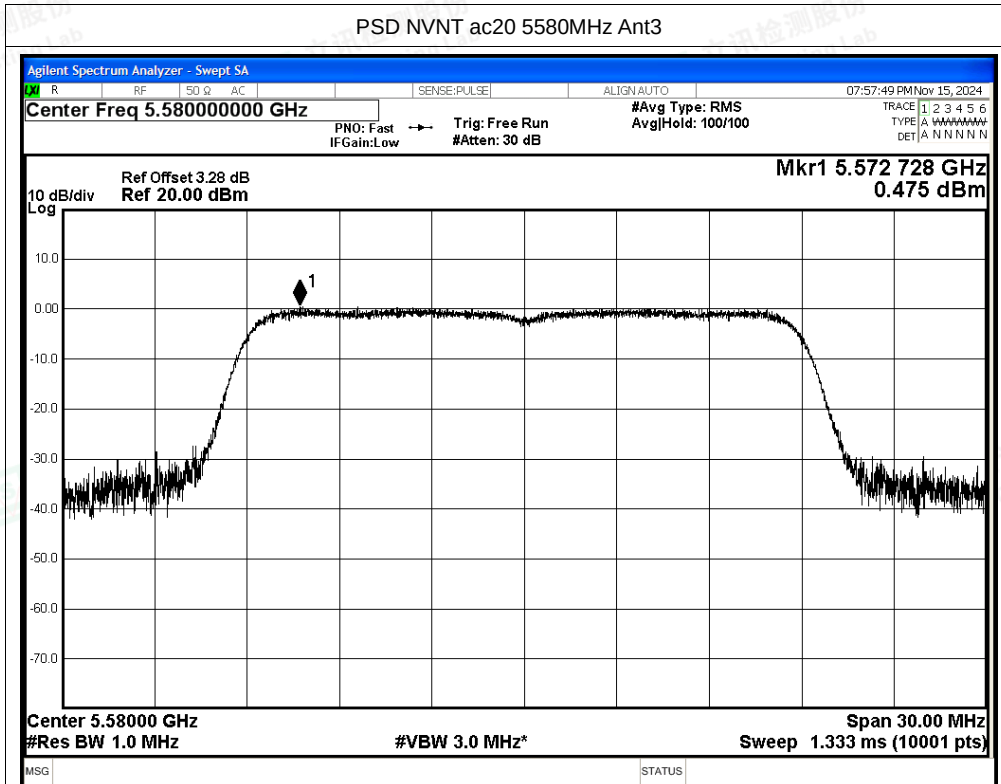


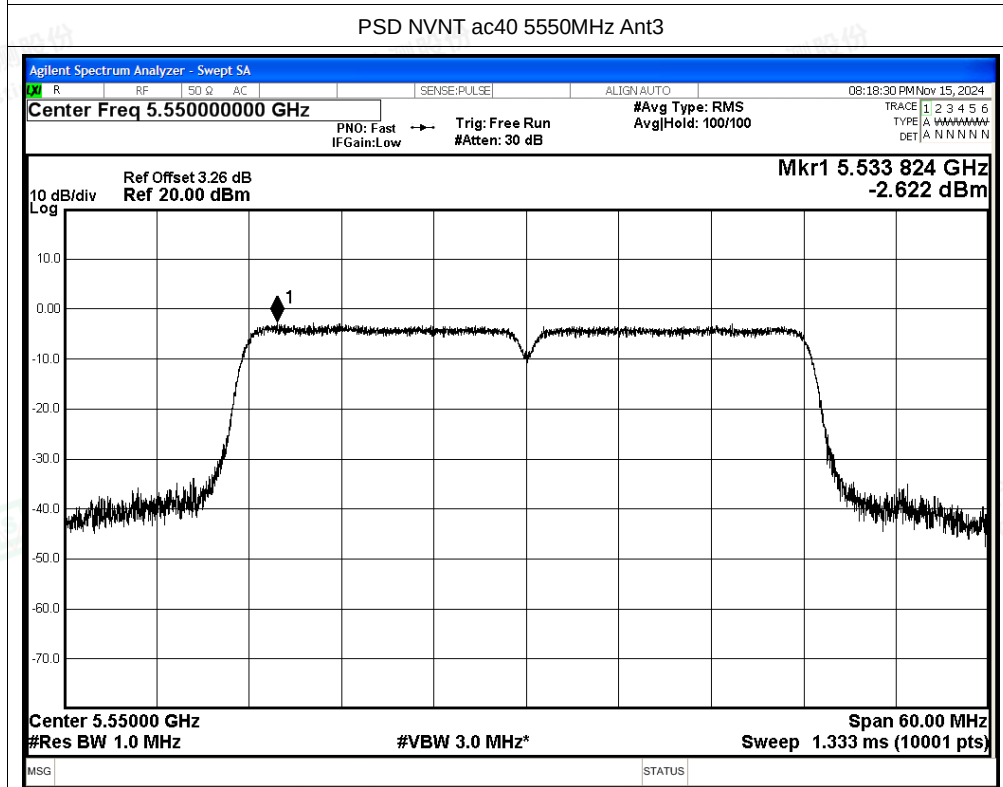
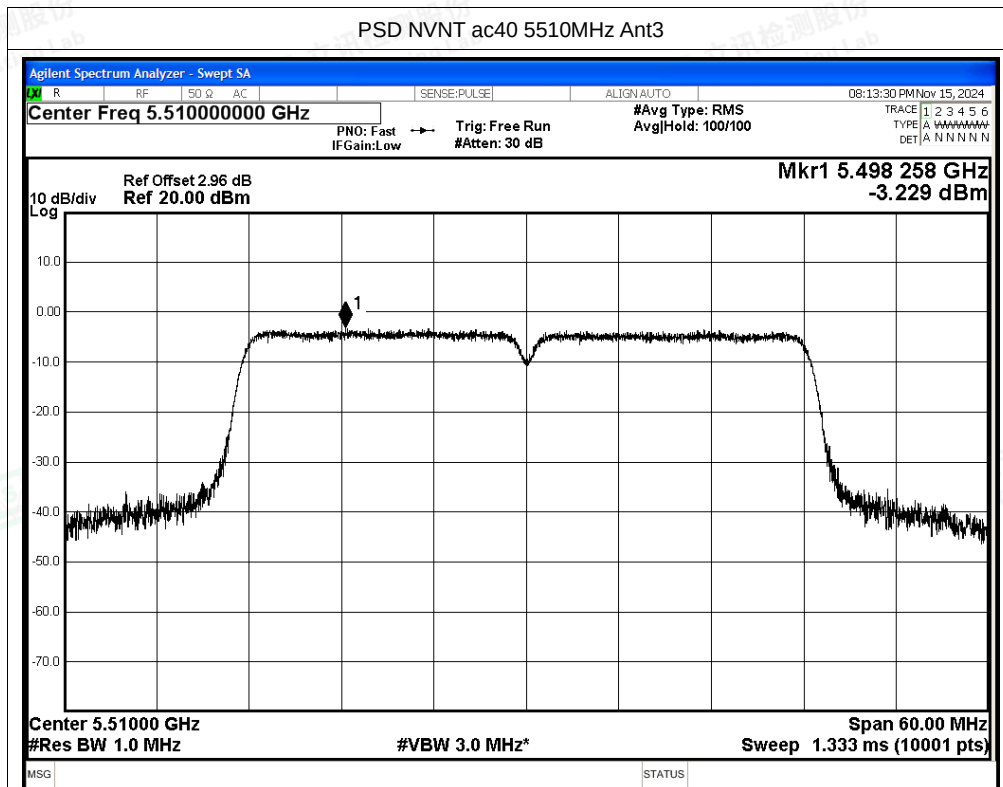


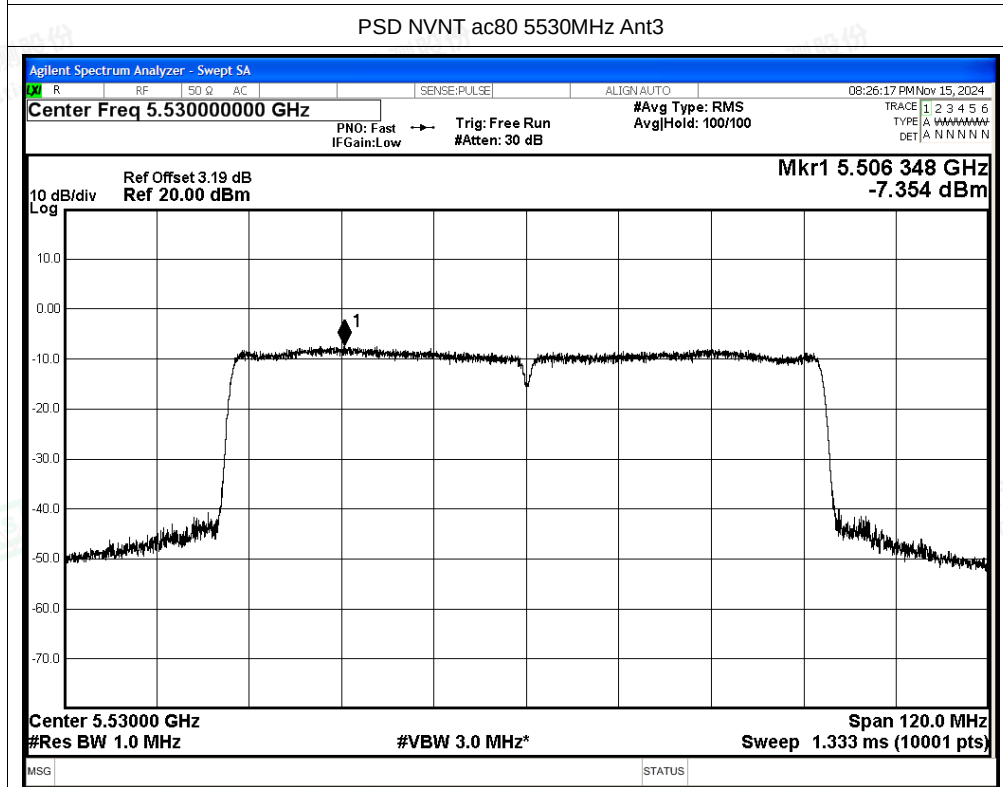
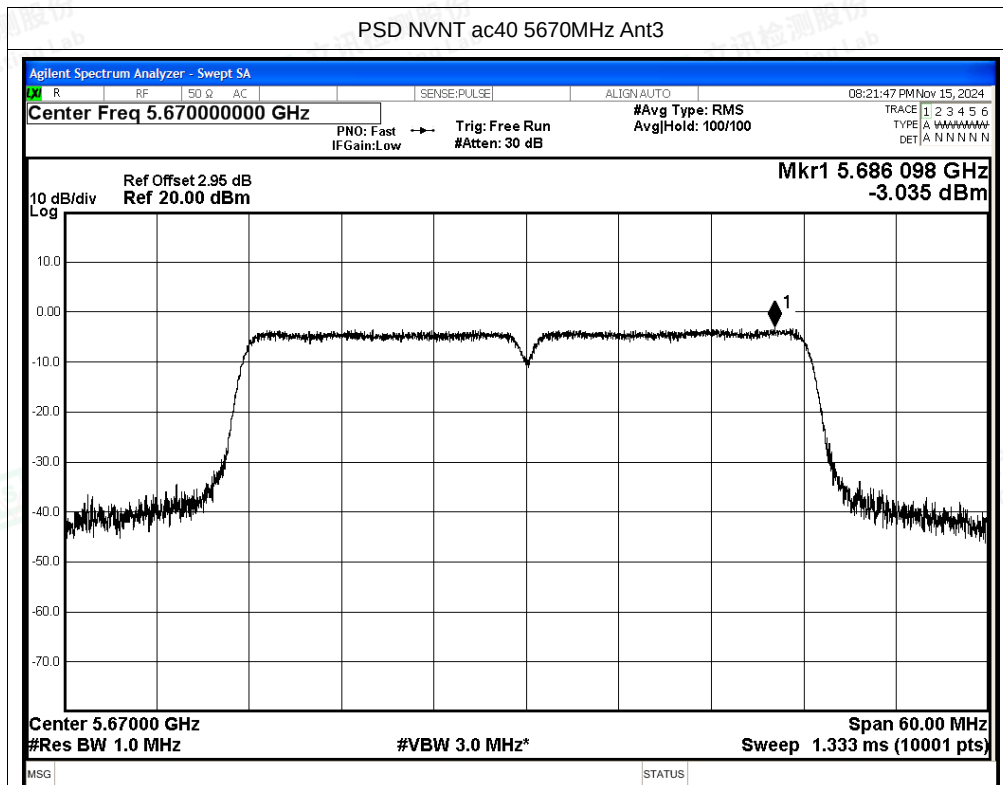


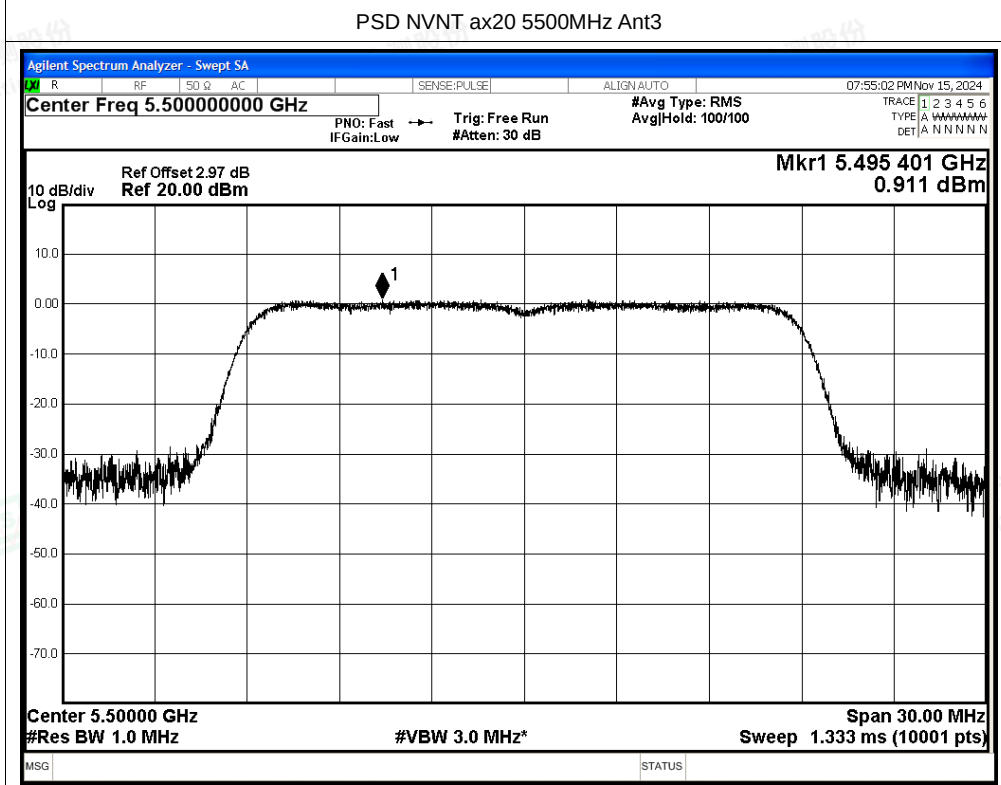
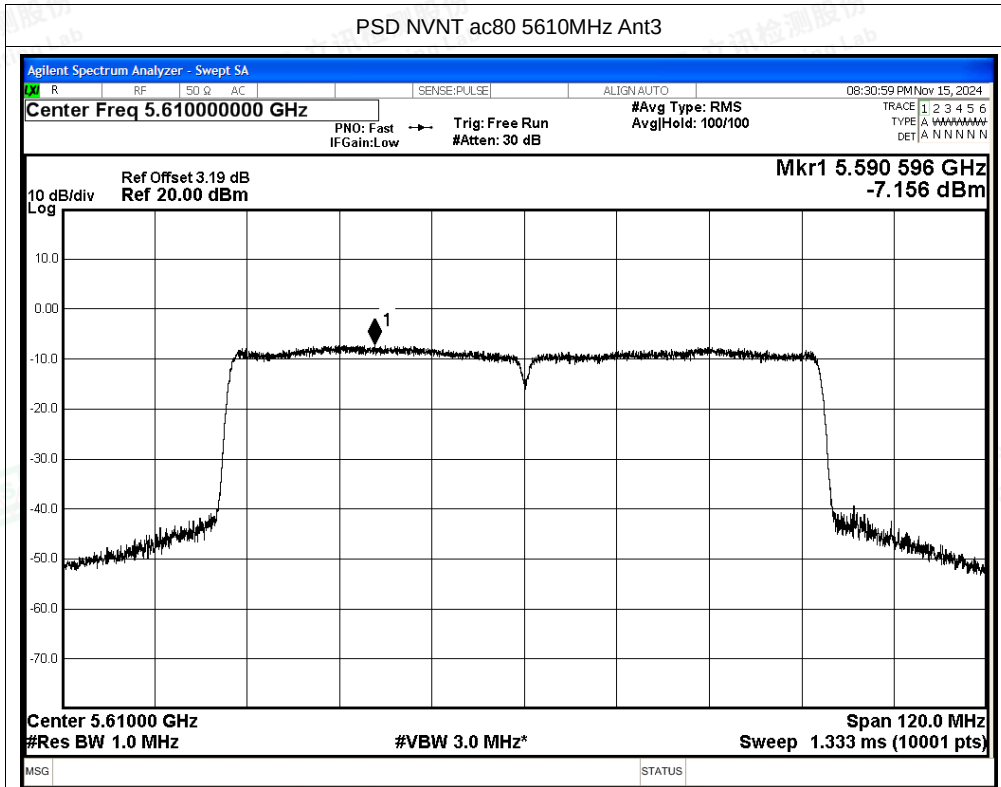


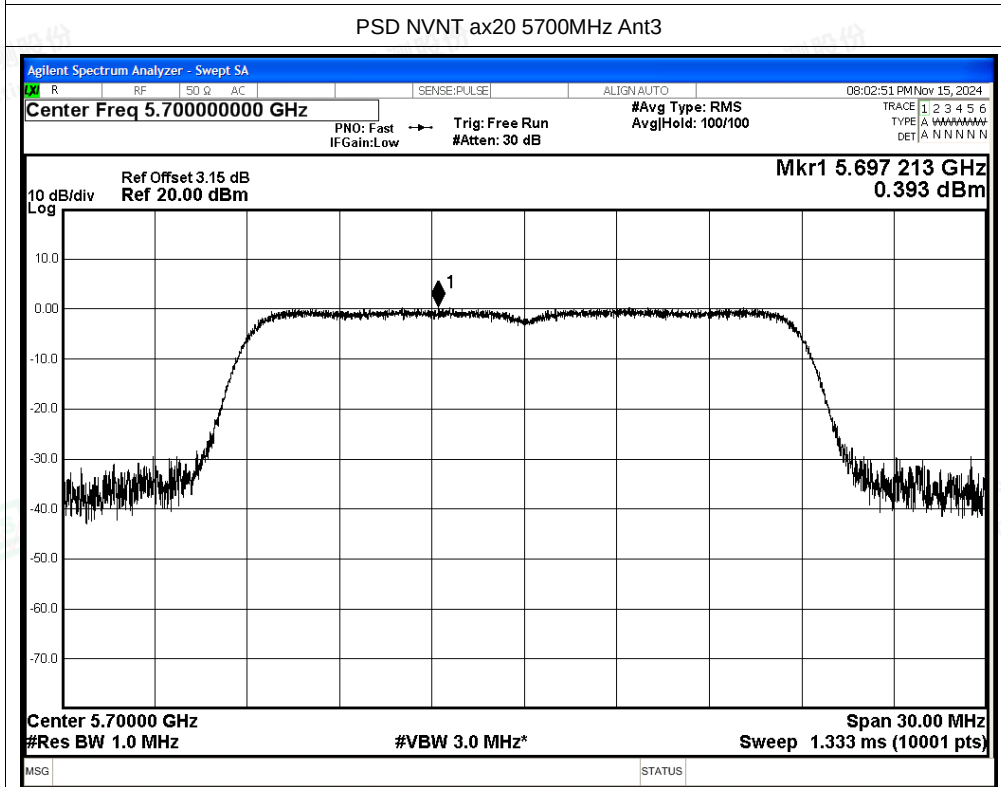
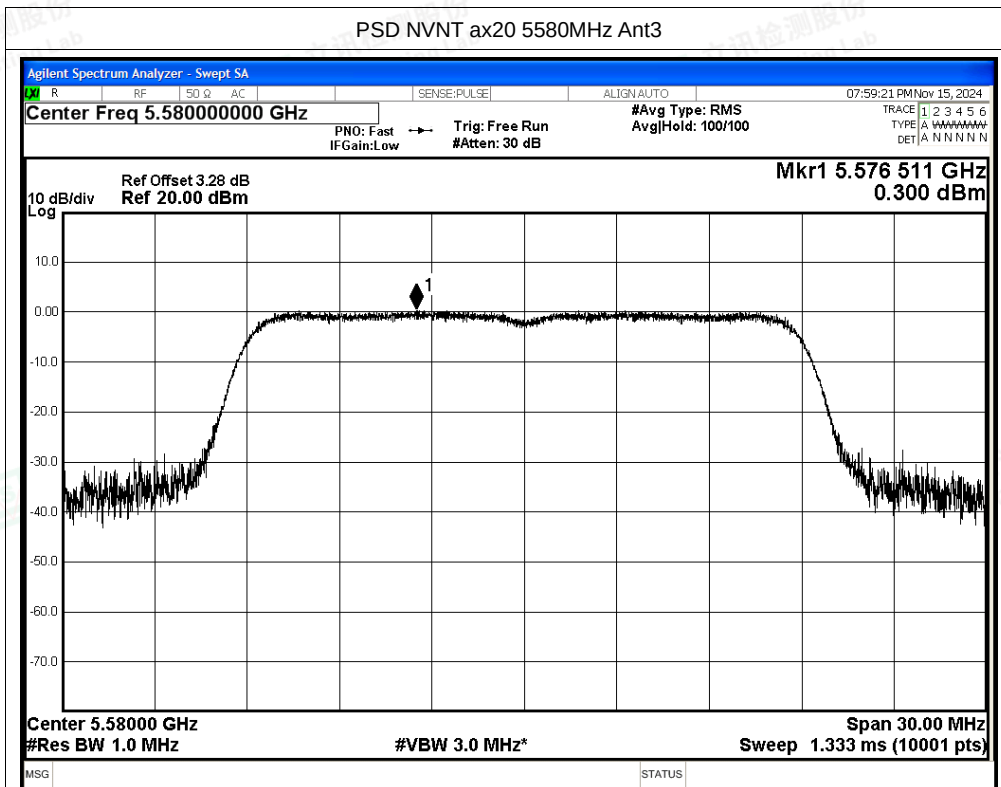


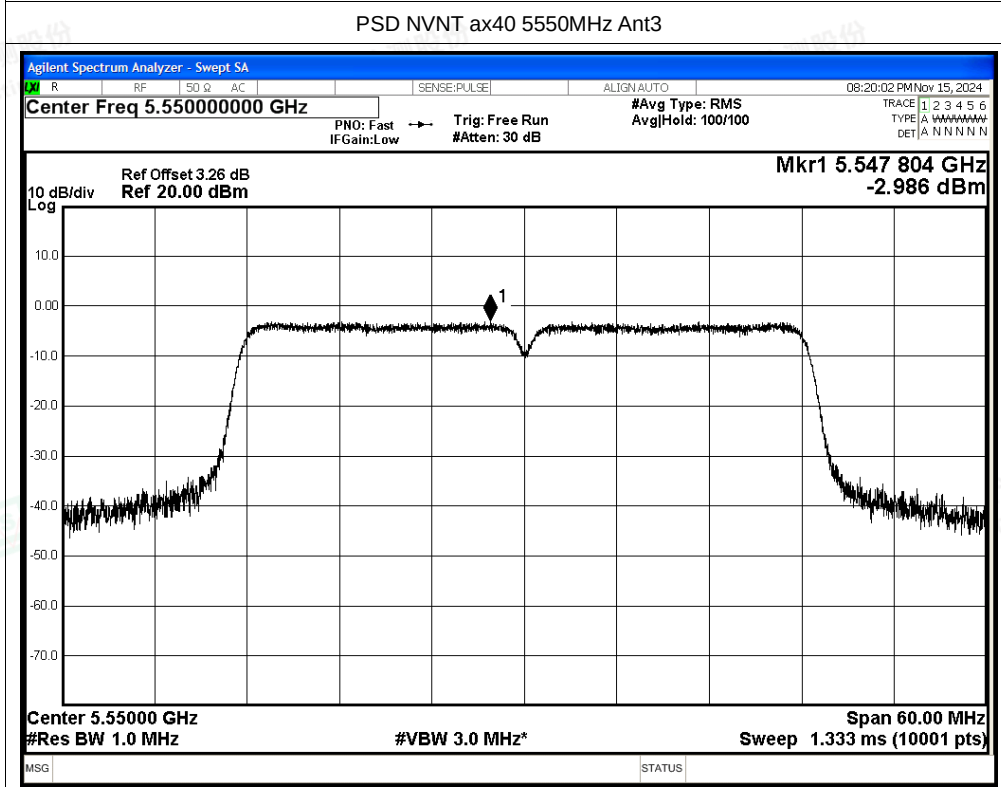
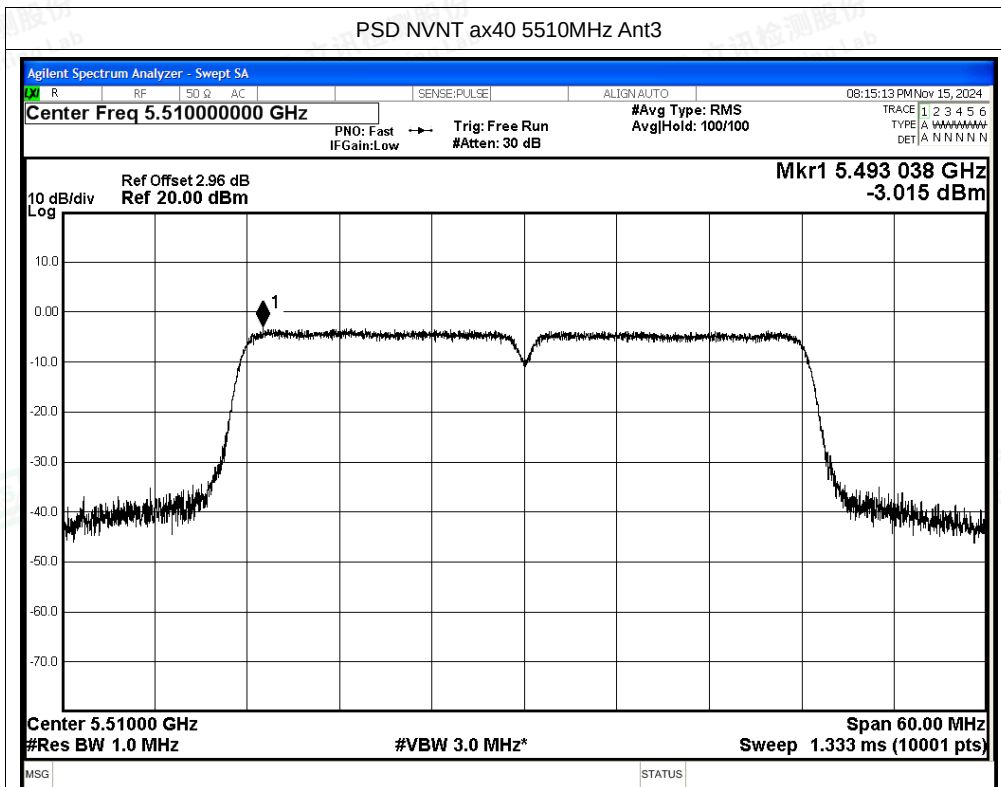


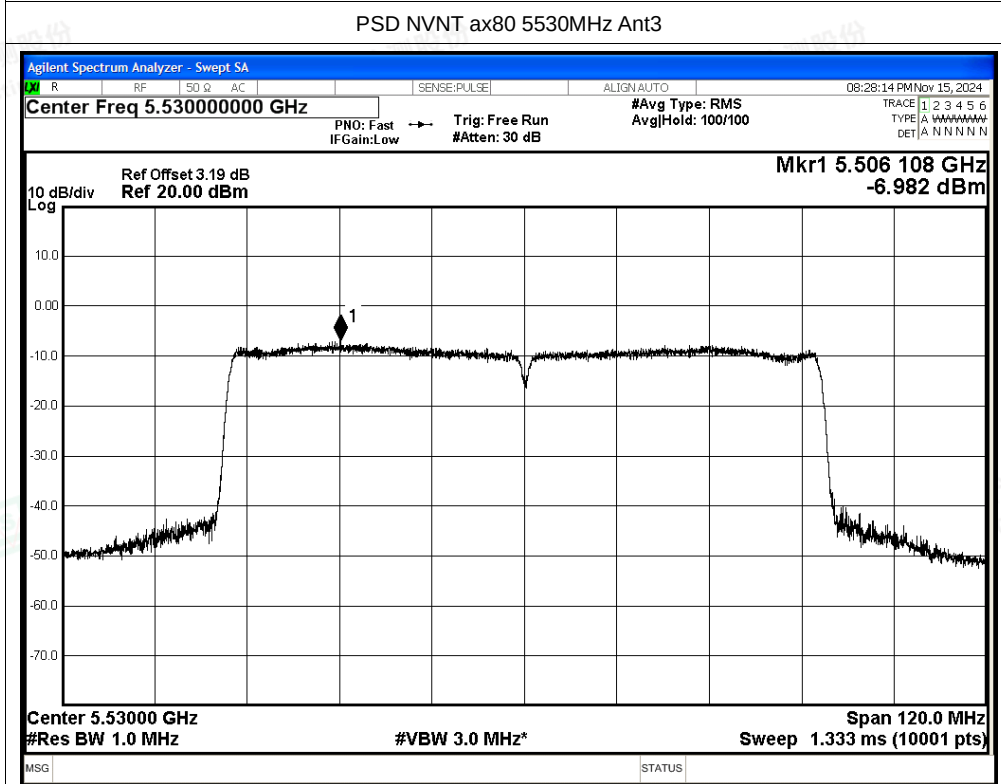
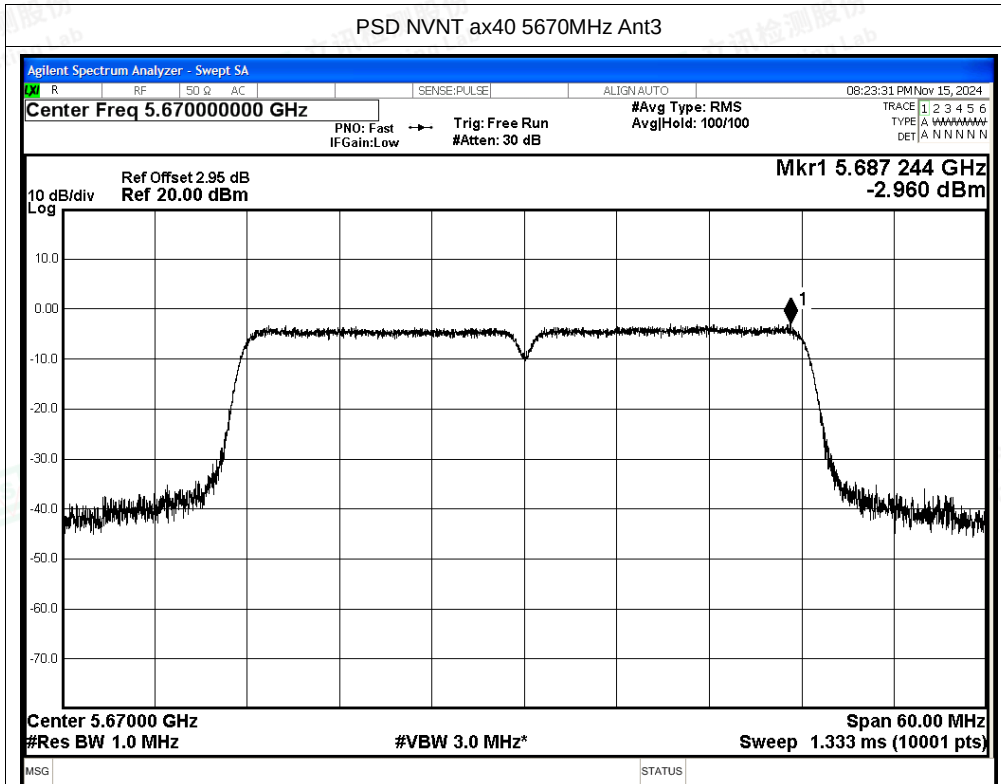


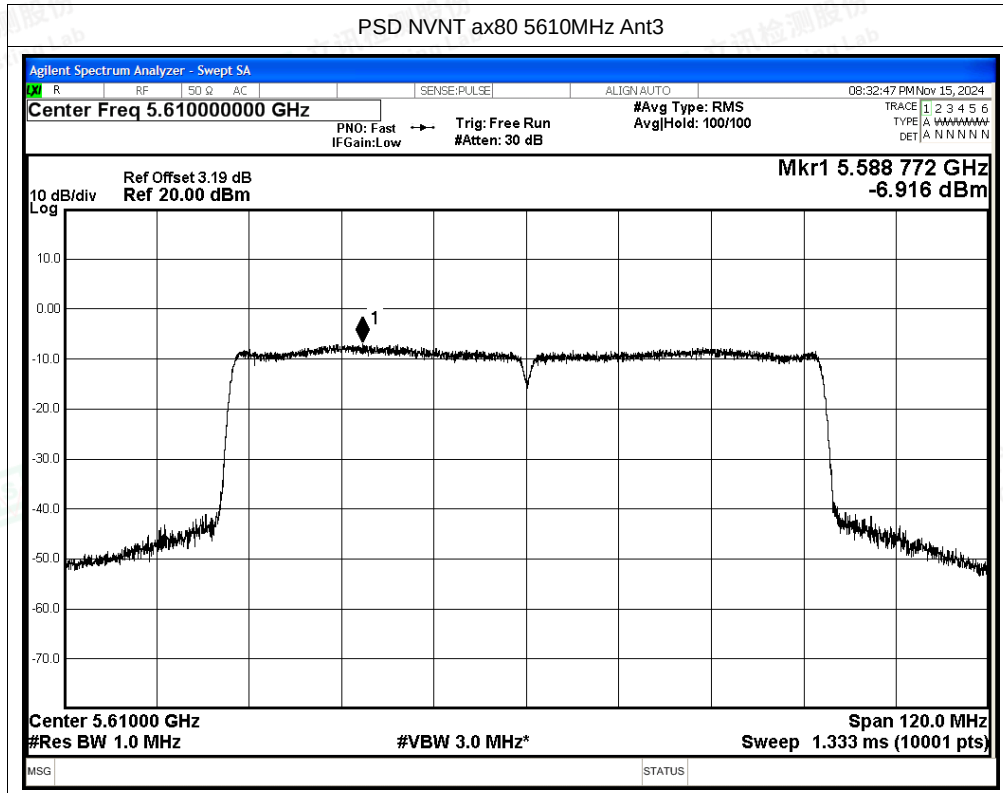








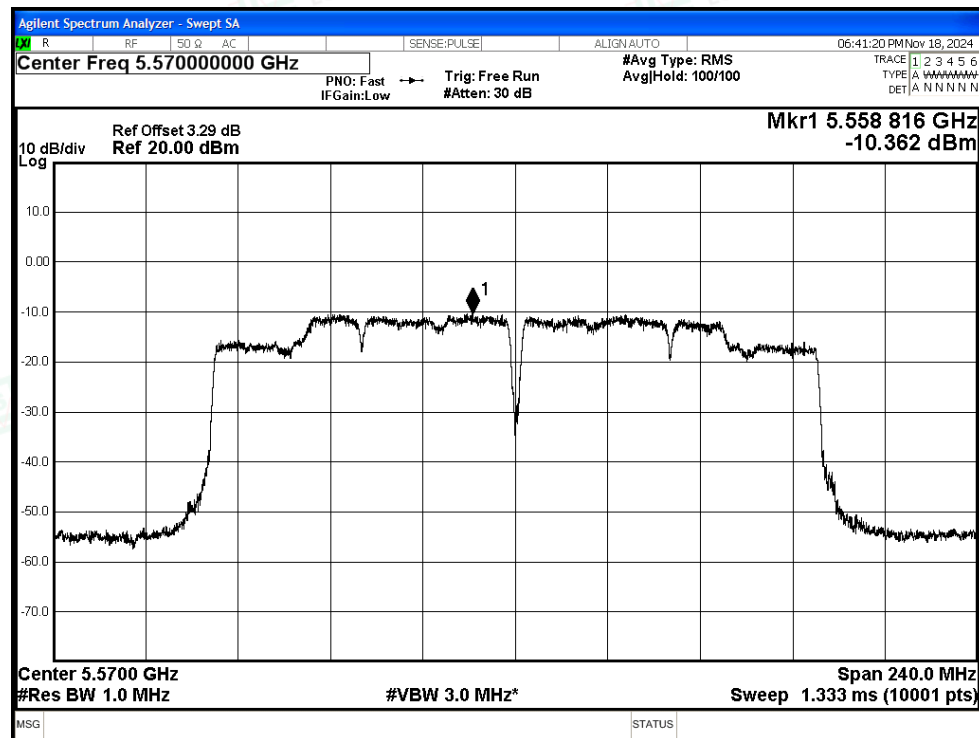




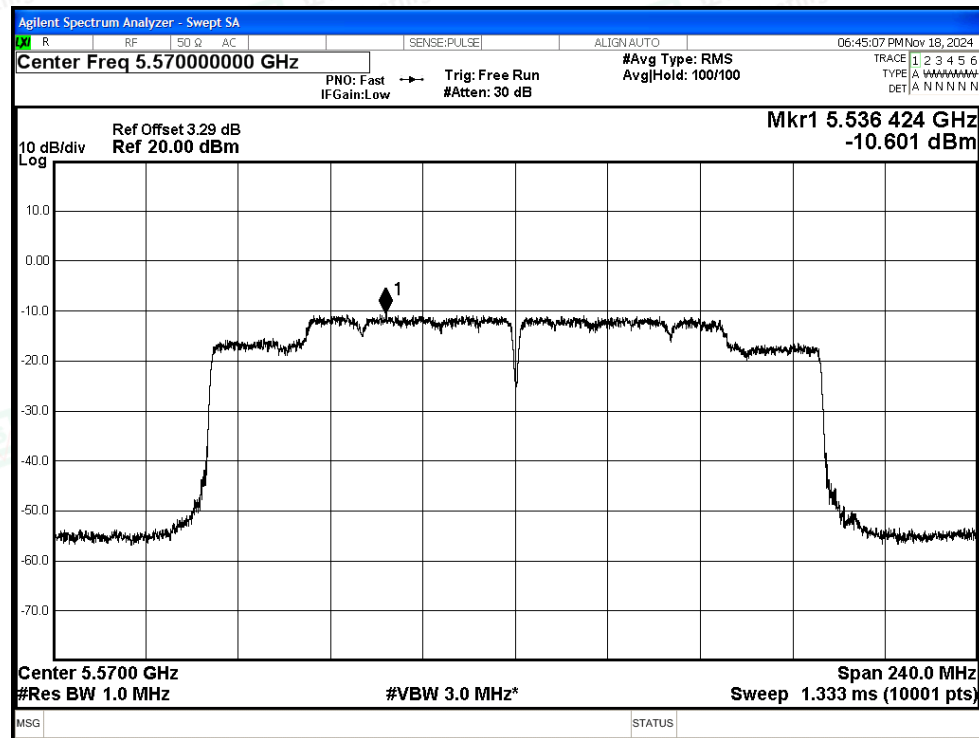


Test Graphs

PSD NVNT ac160 5570MHz Ant3



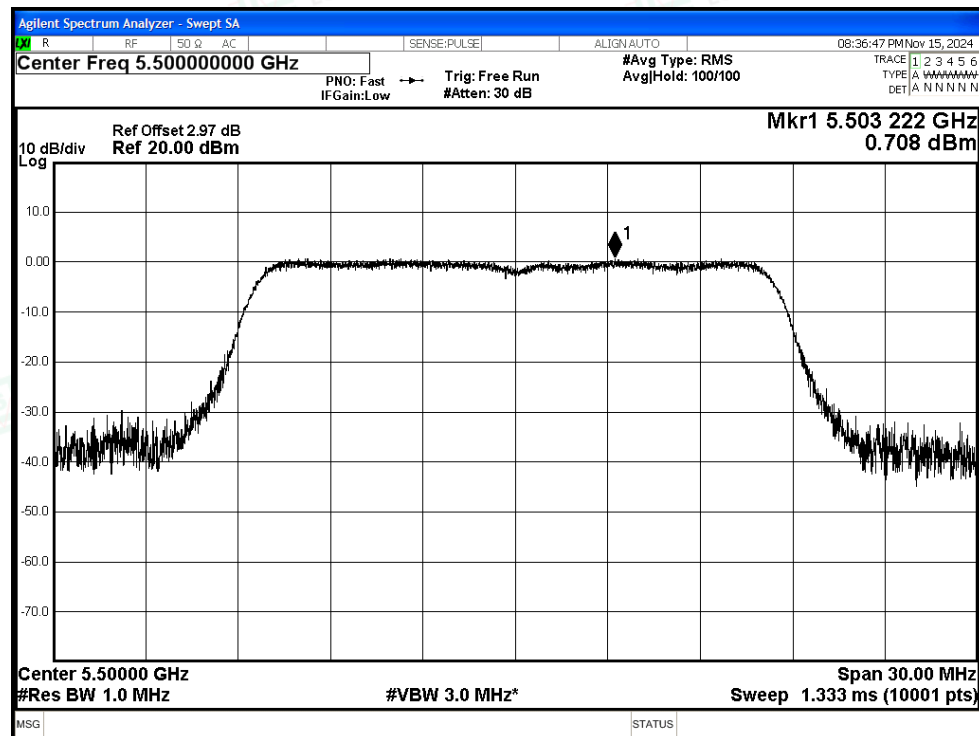
PSD NVNT ax160 5570MHz Ant3



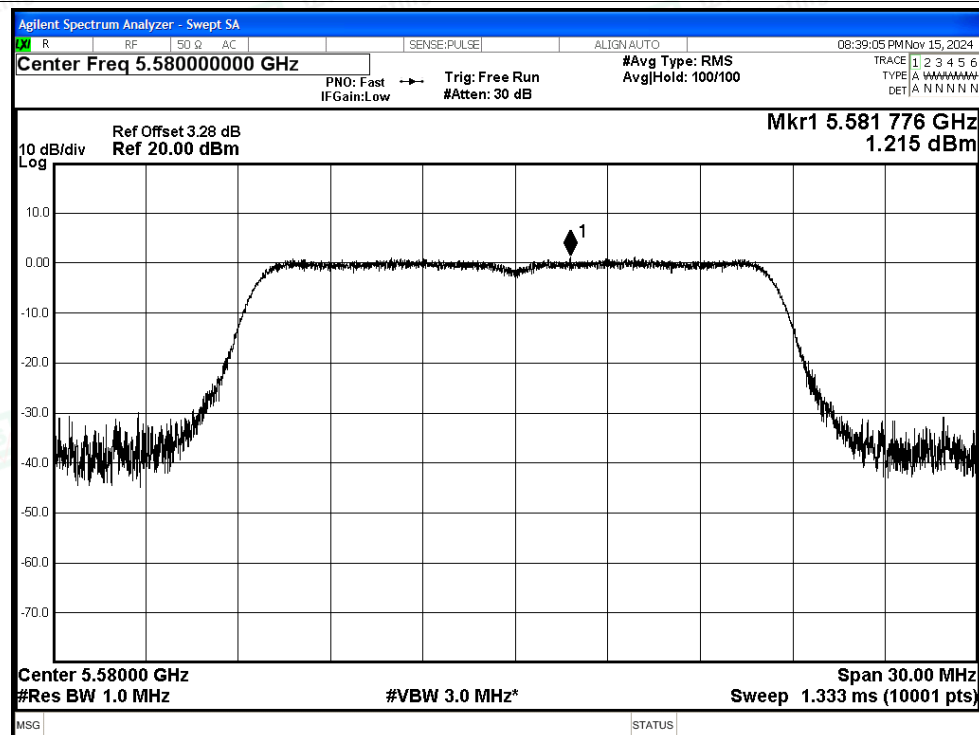


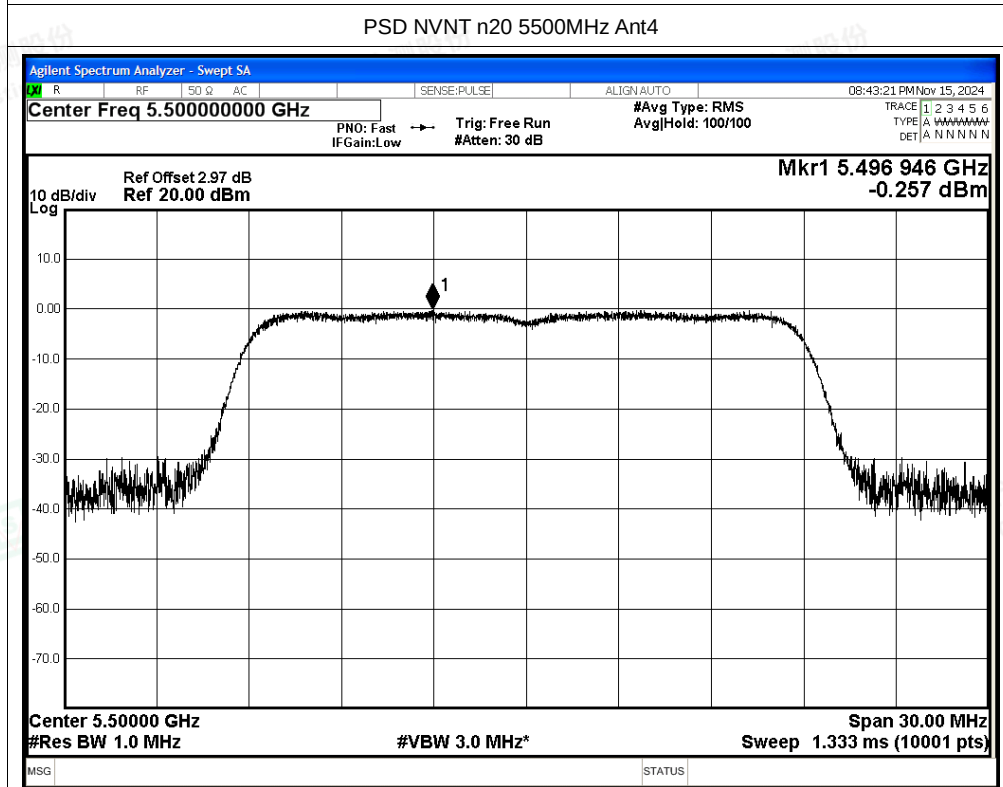
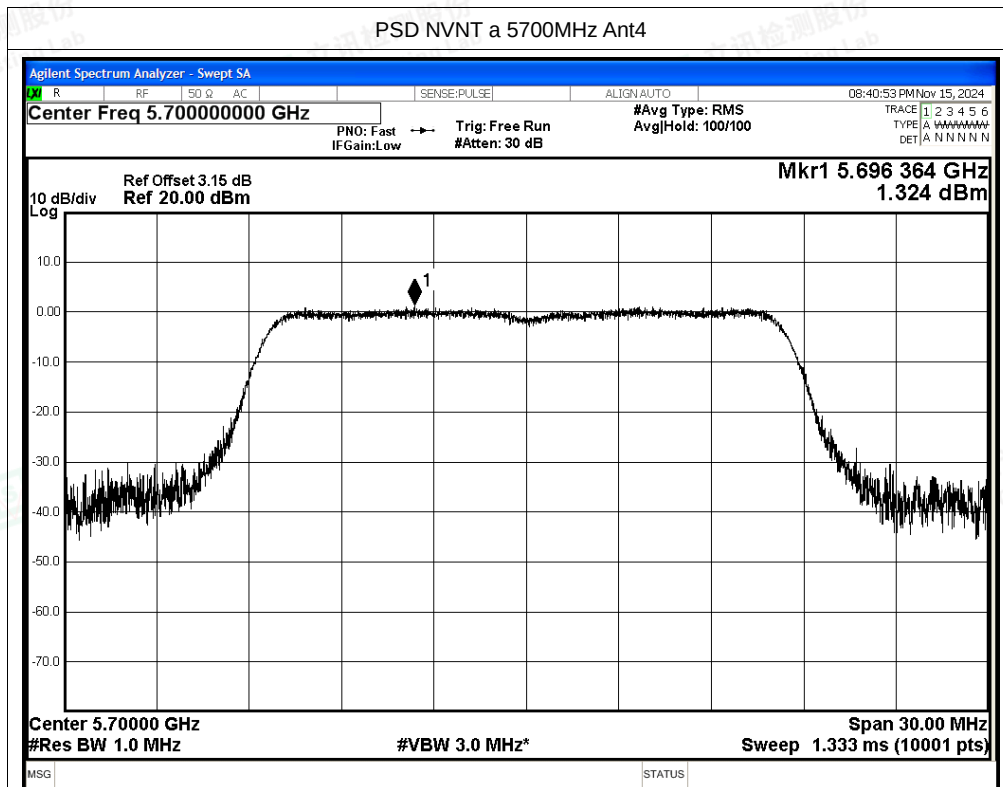
Test Graphs

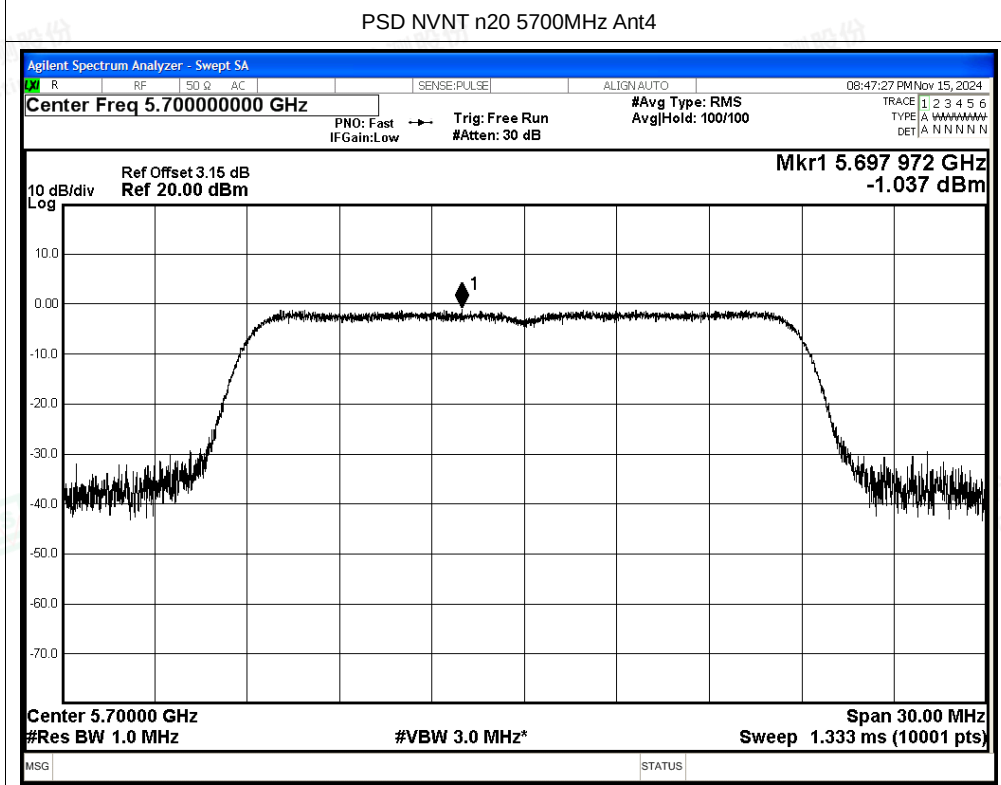
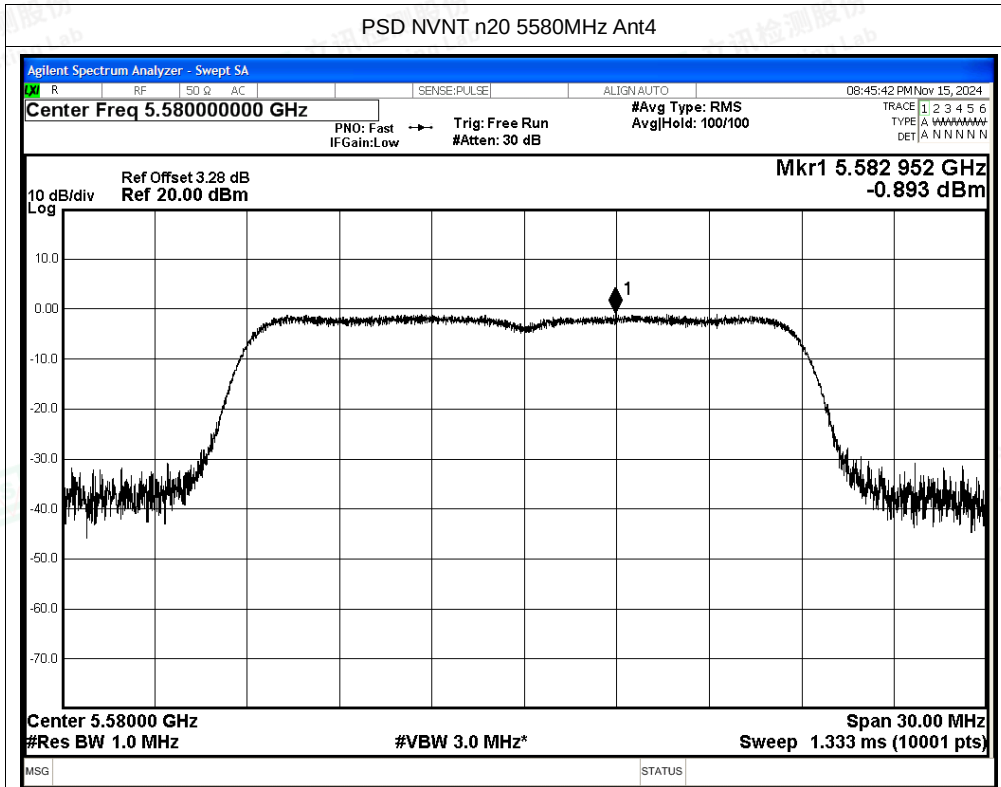
PSD NVNT a 5500MHz Ant4

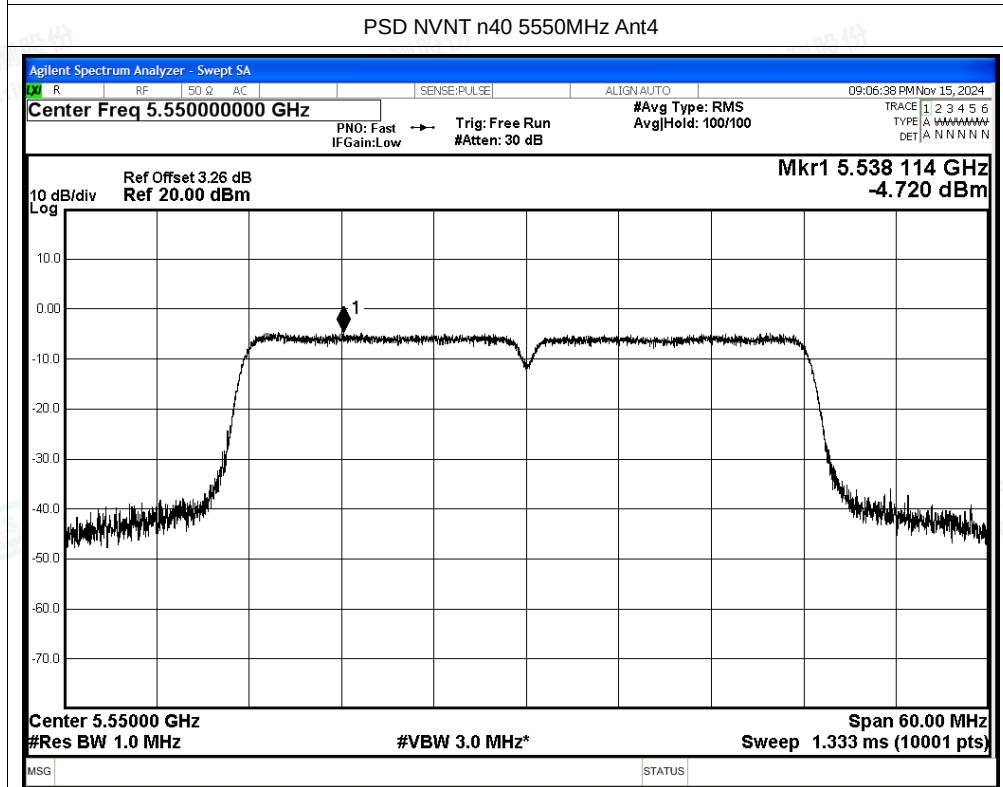
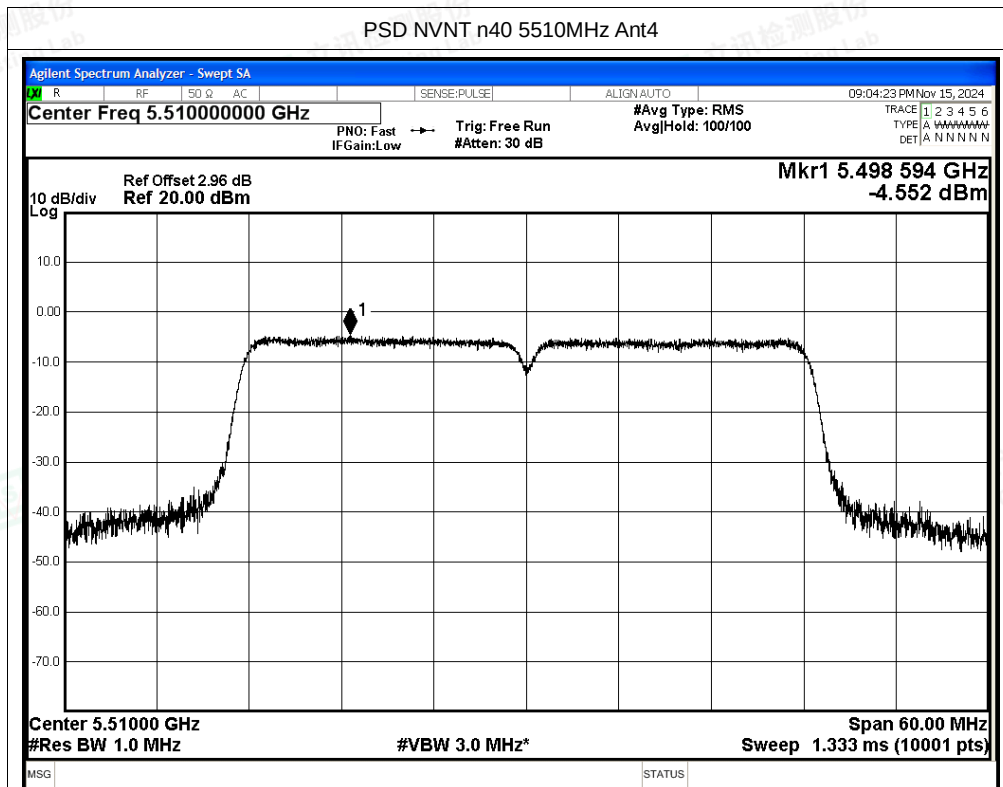


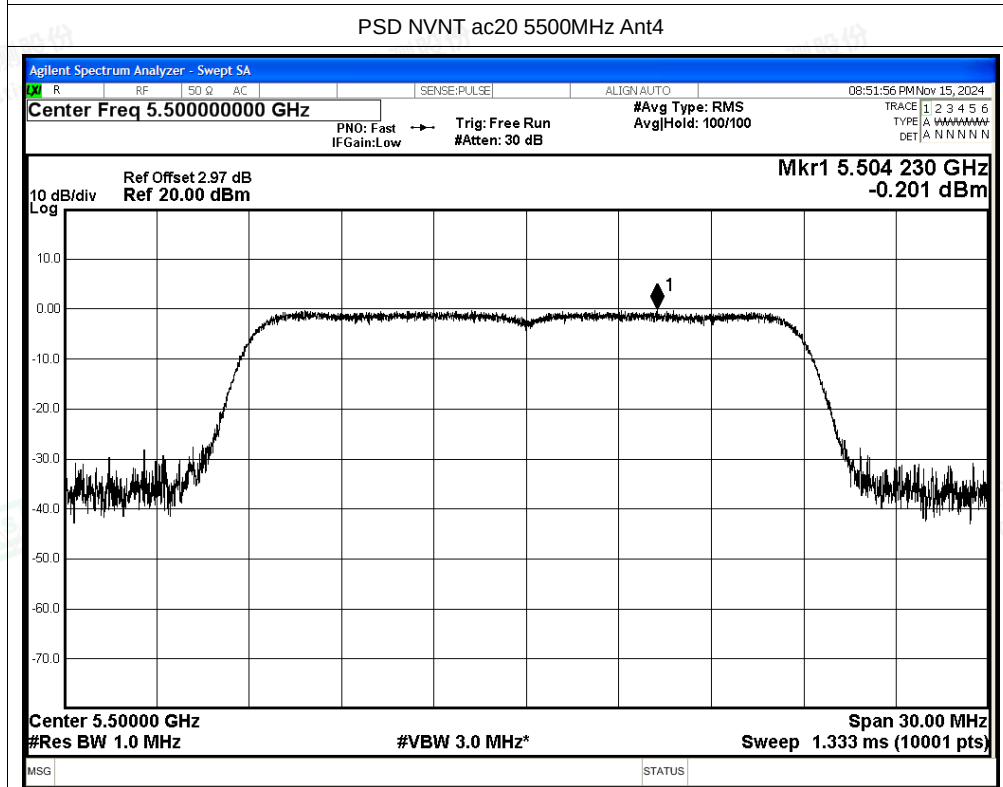
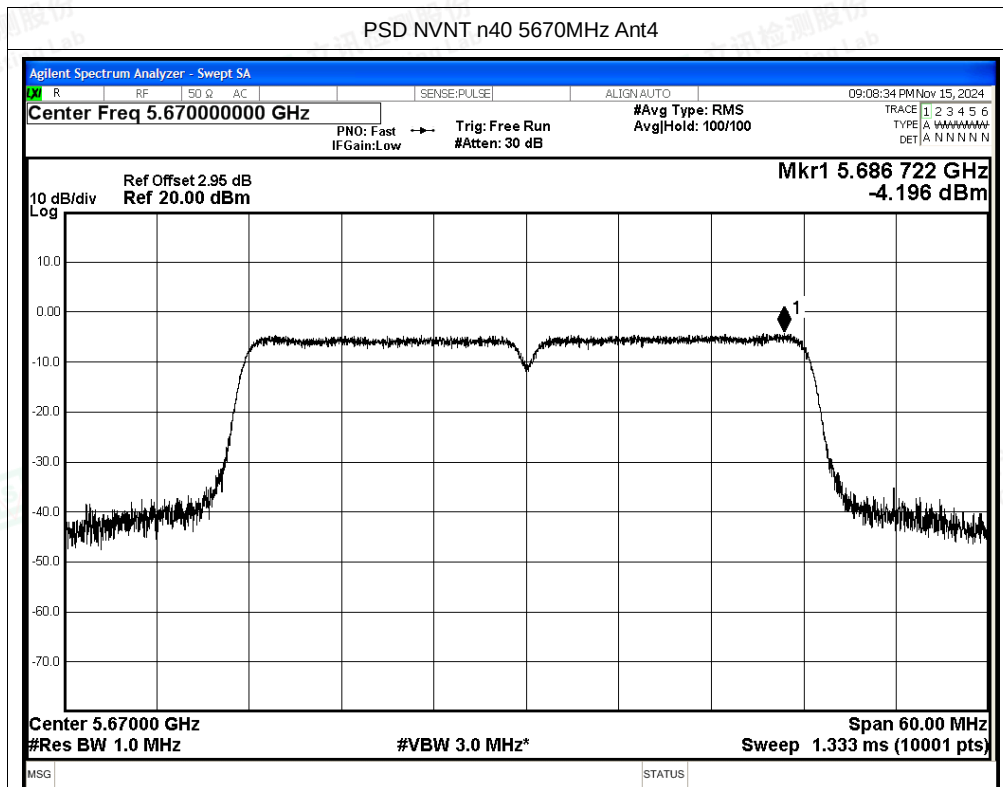
PSD NVNT a 5580MHz Ant4

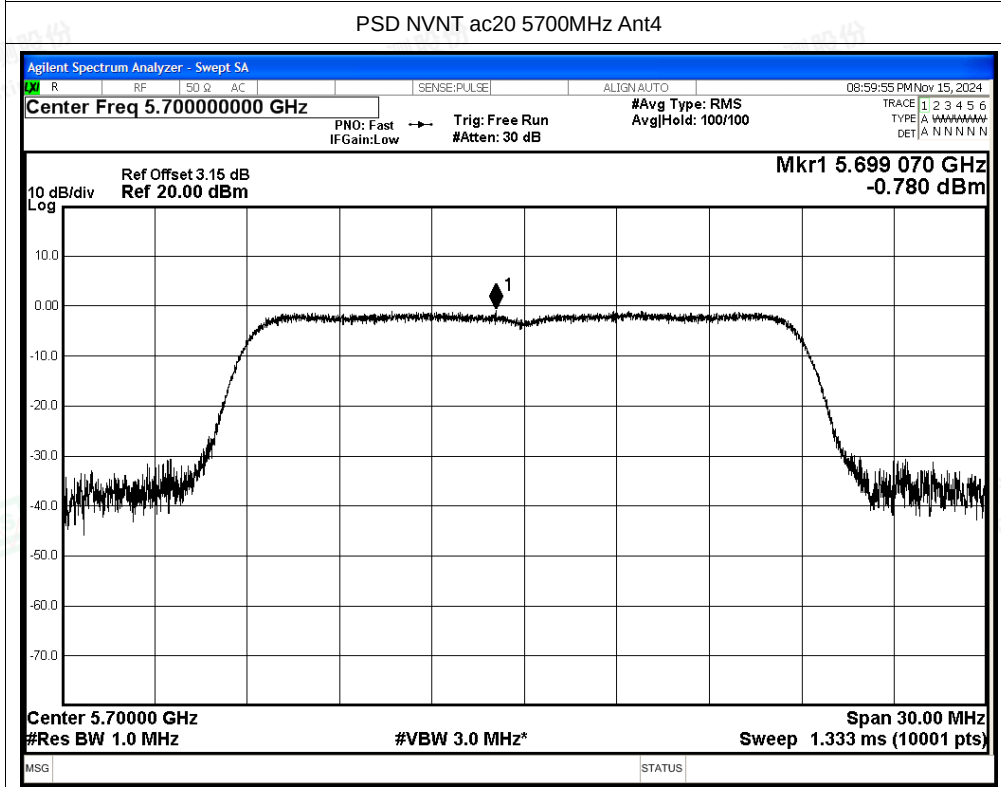
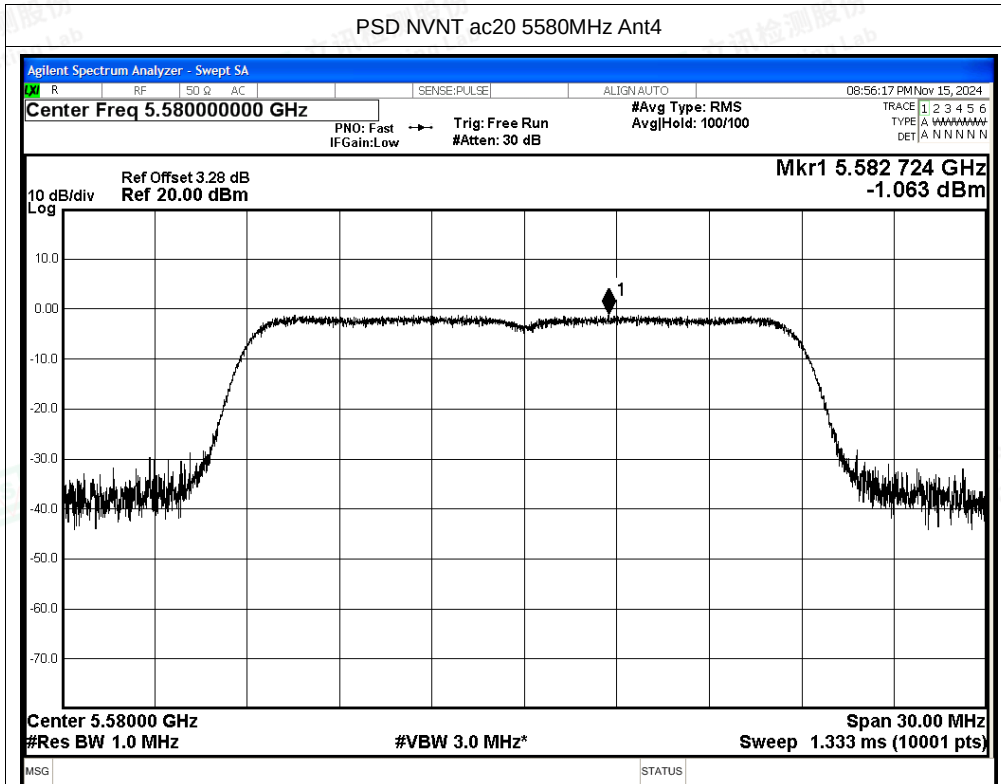


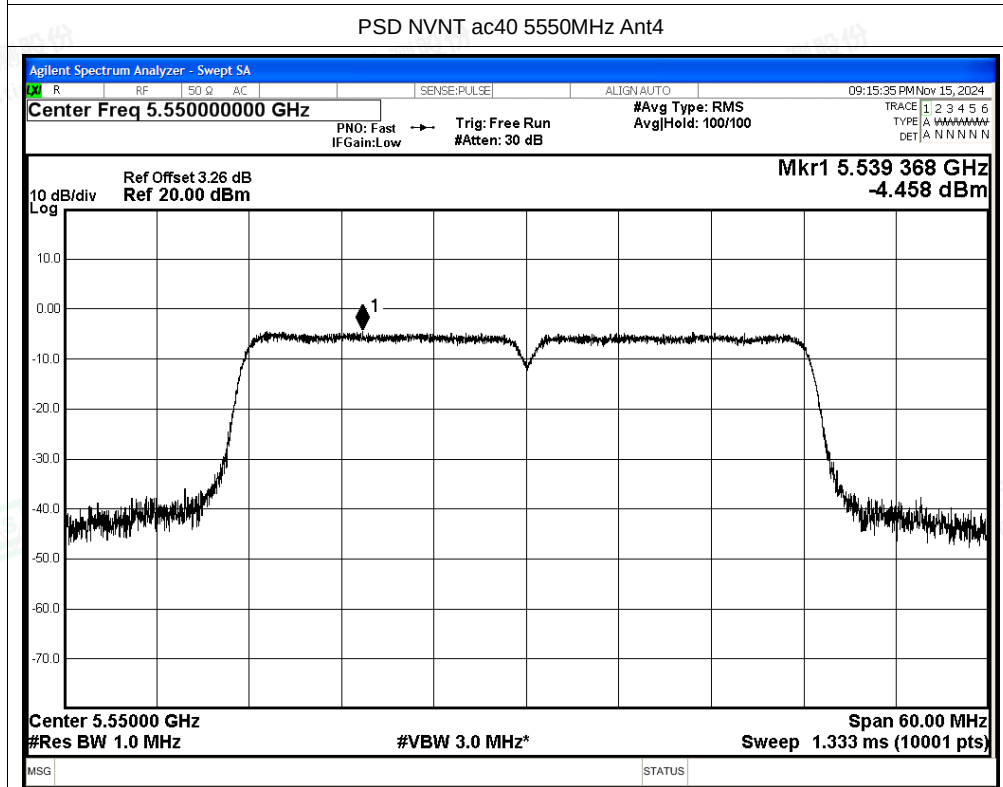
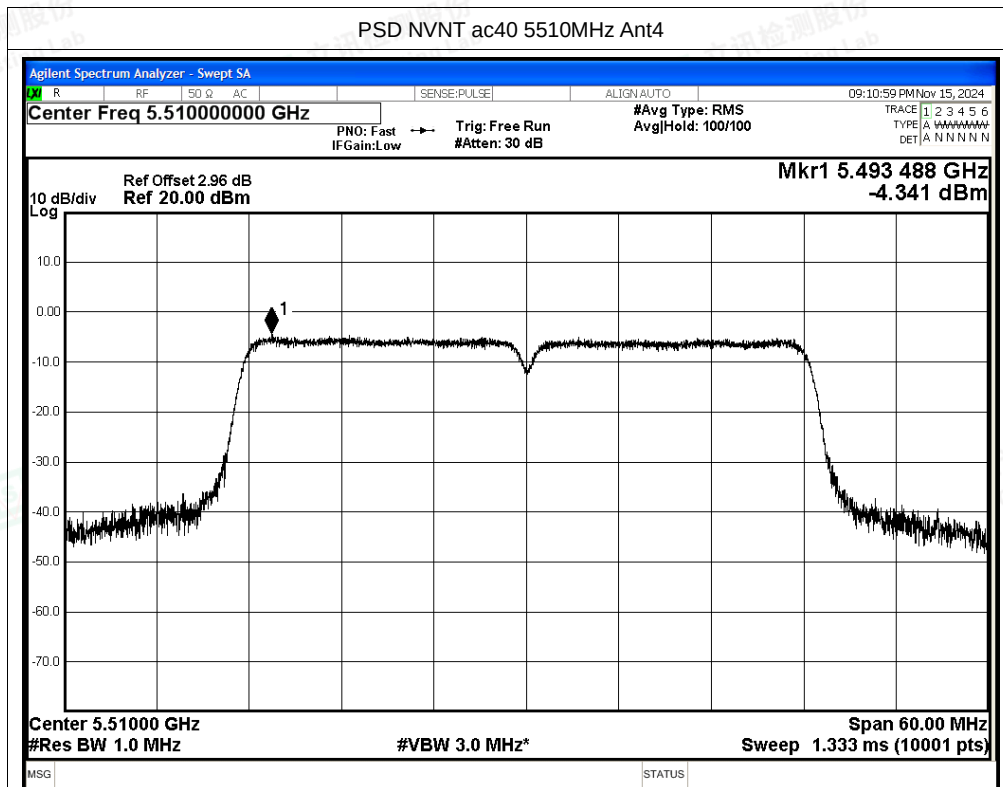


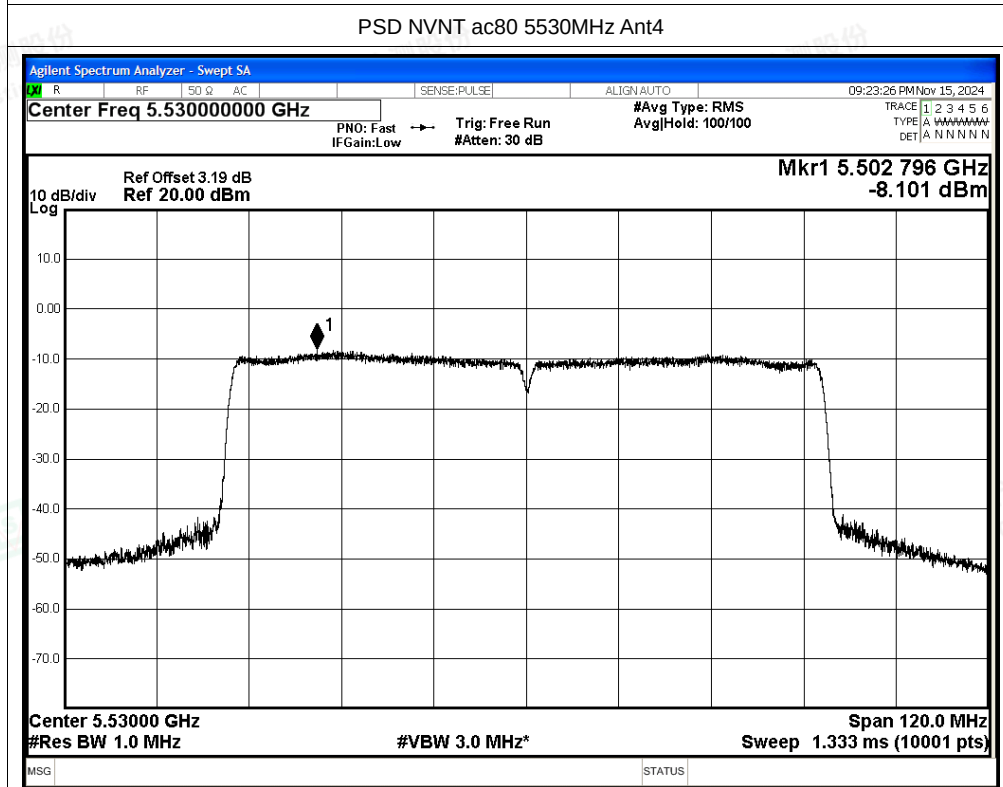
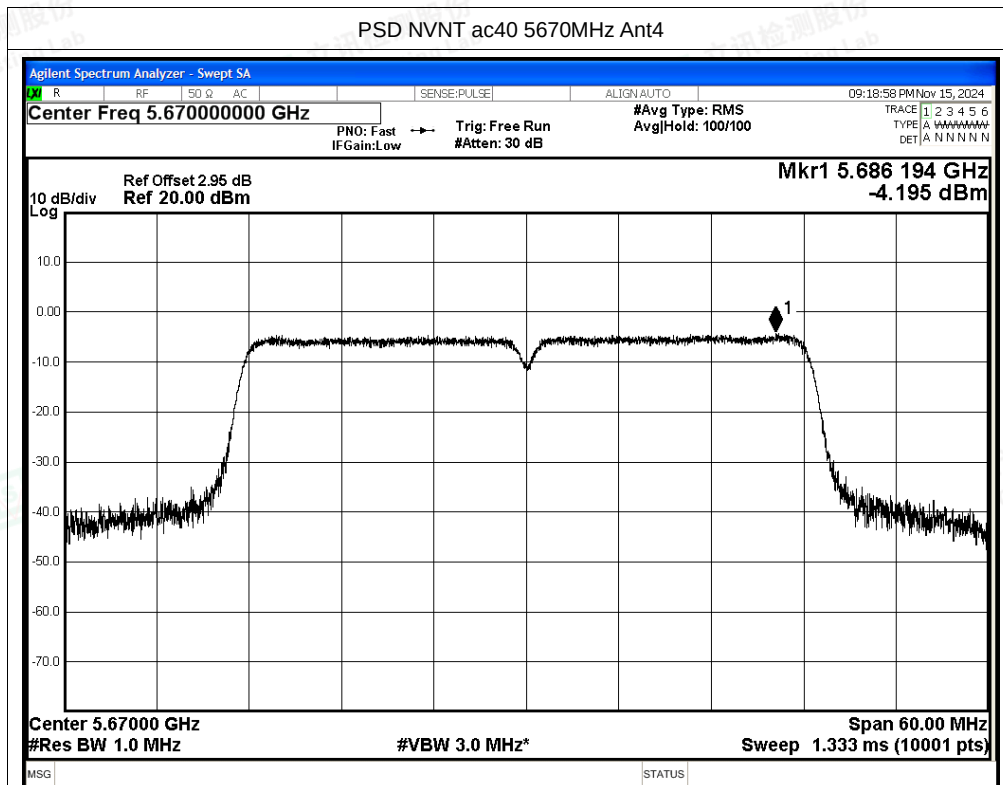


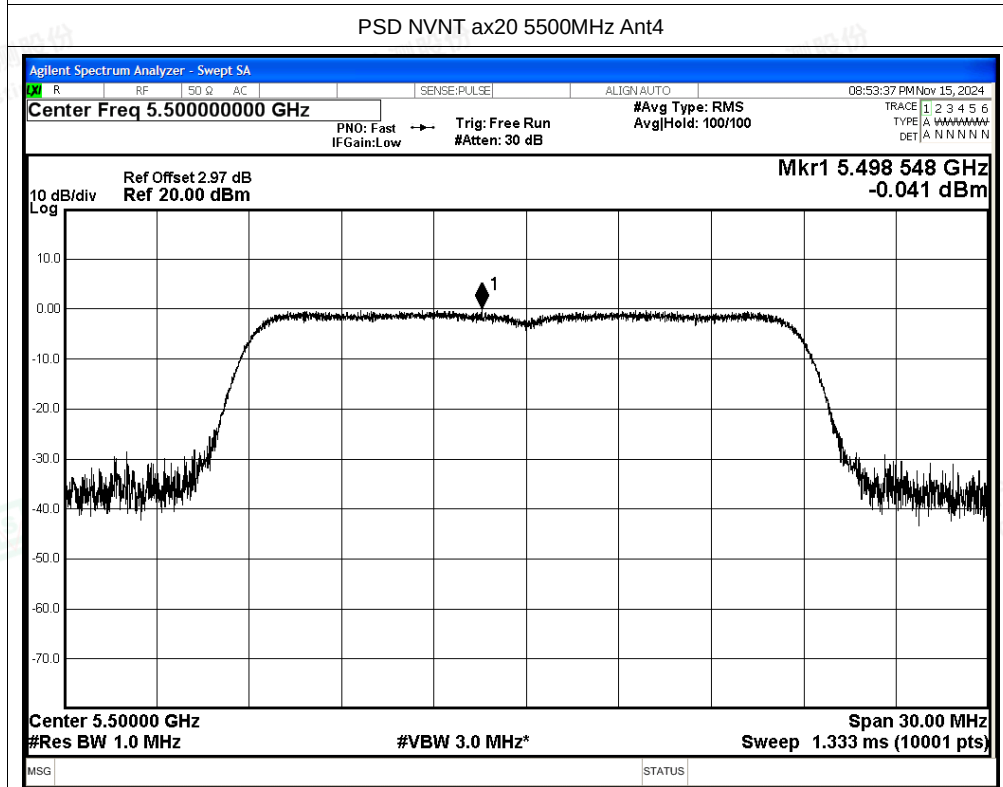
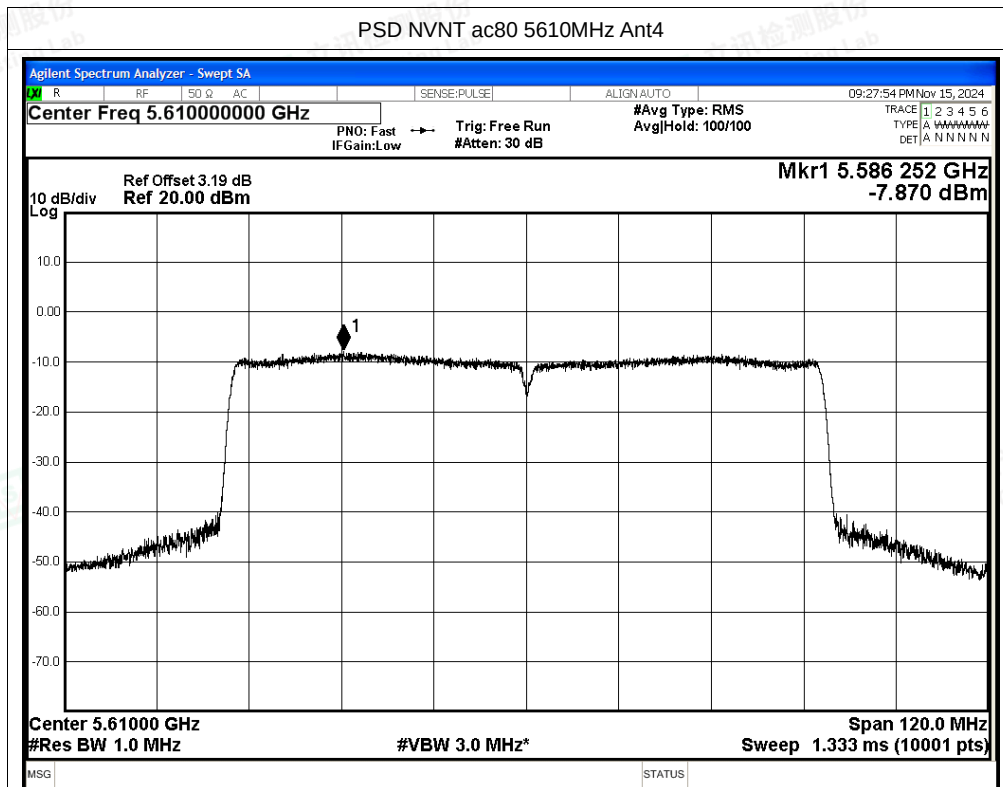


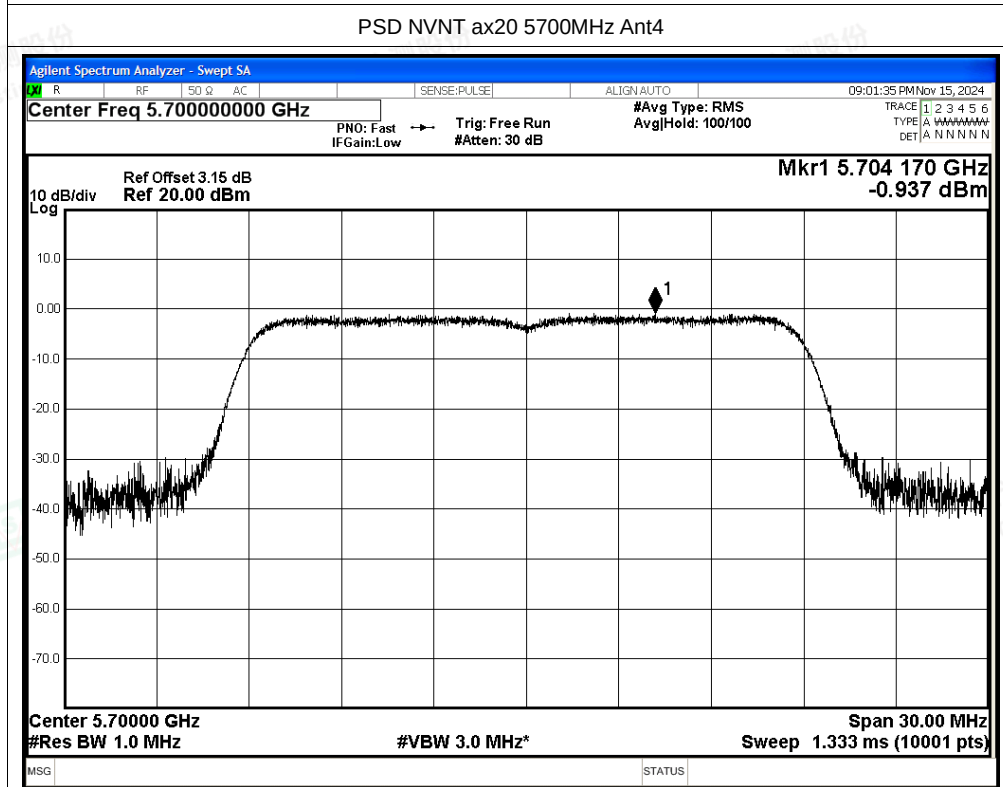
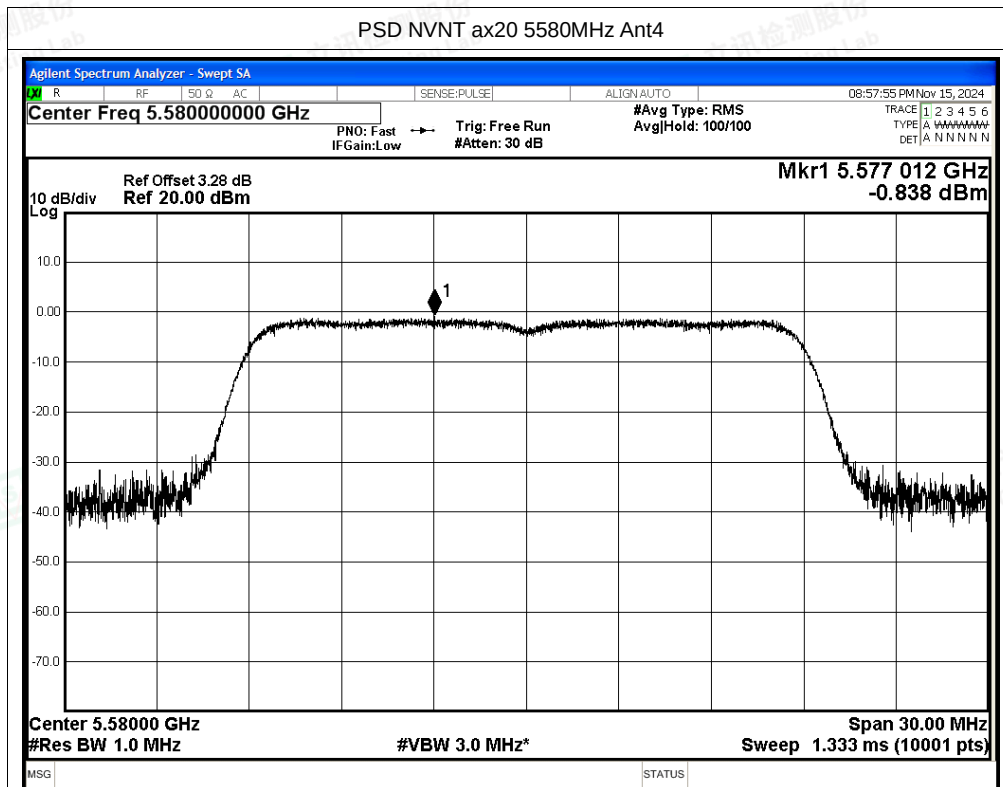


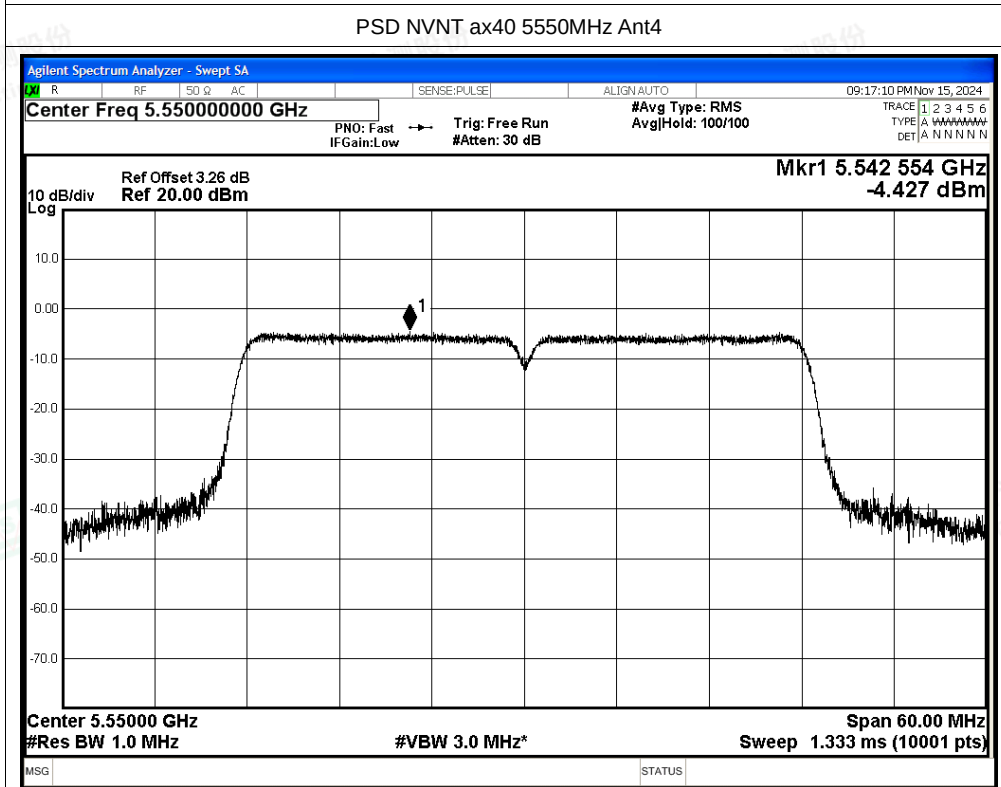
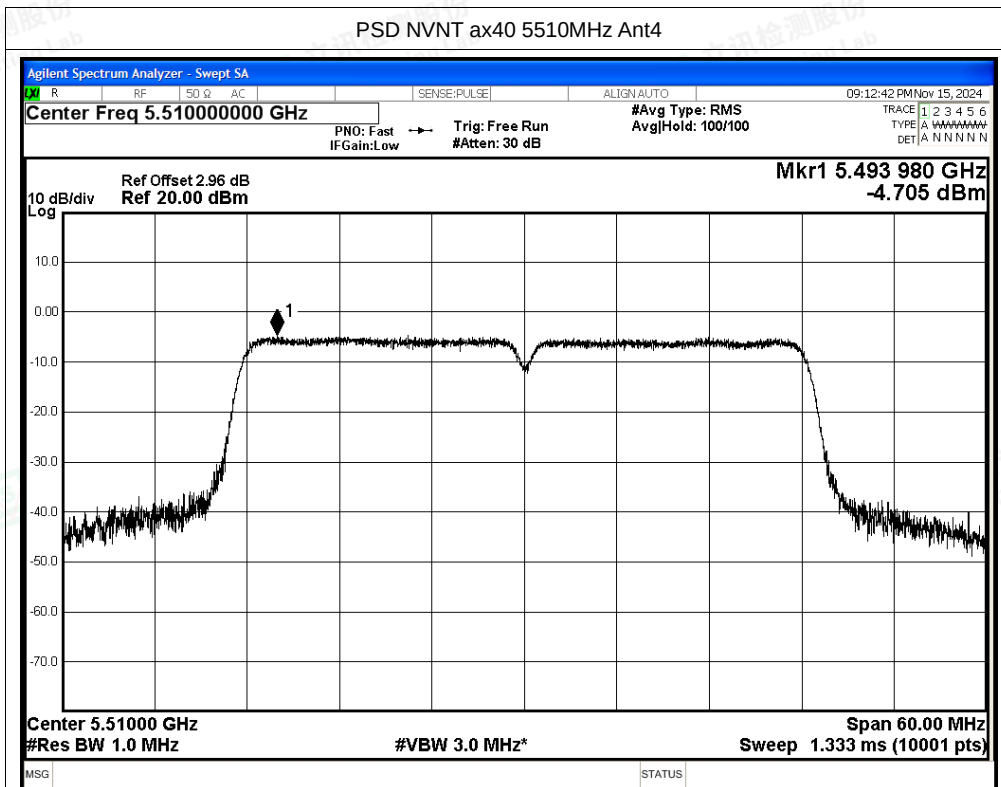


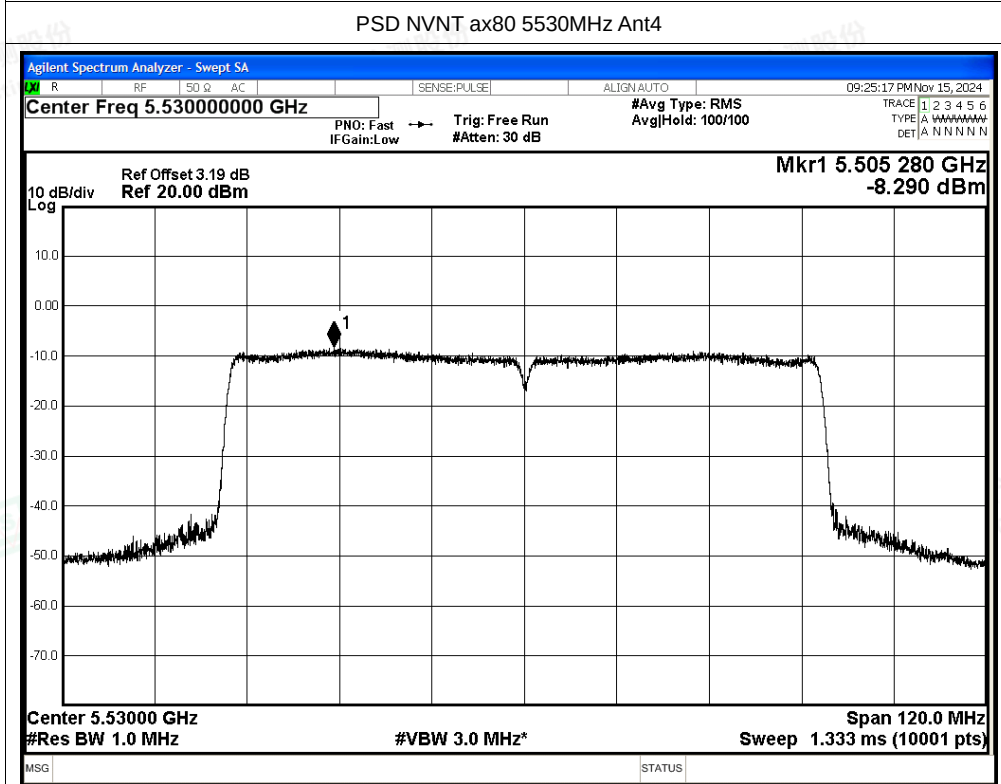
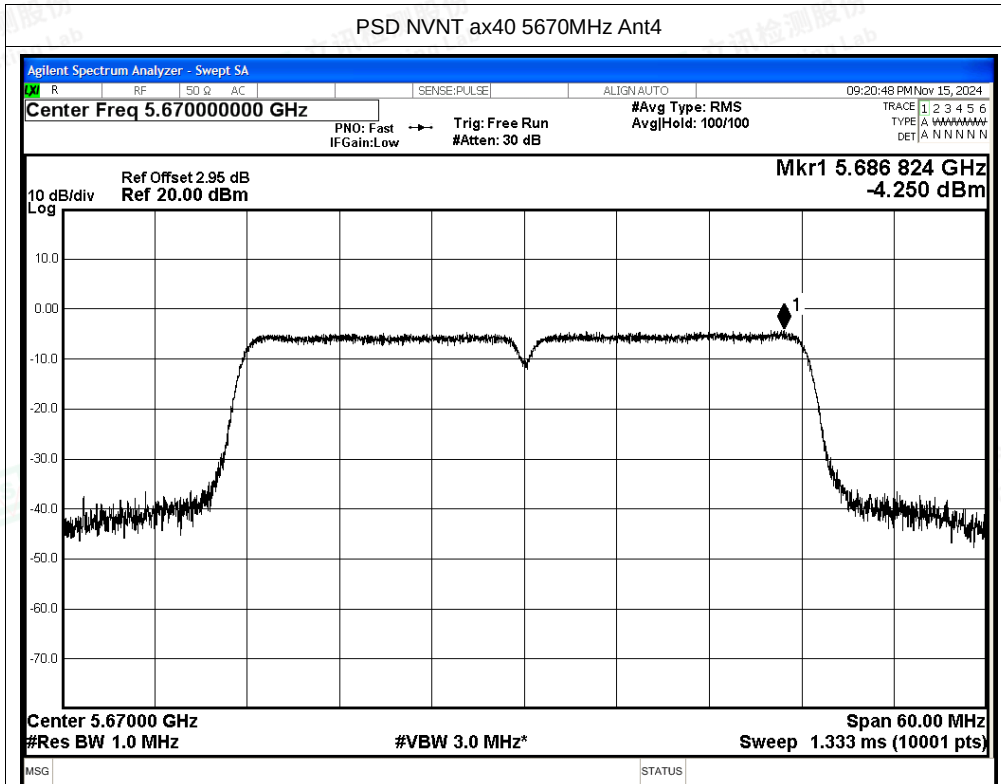


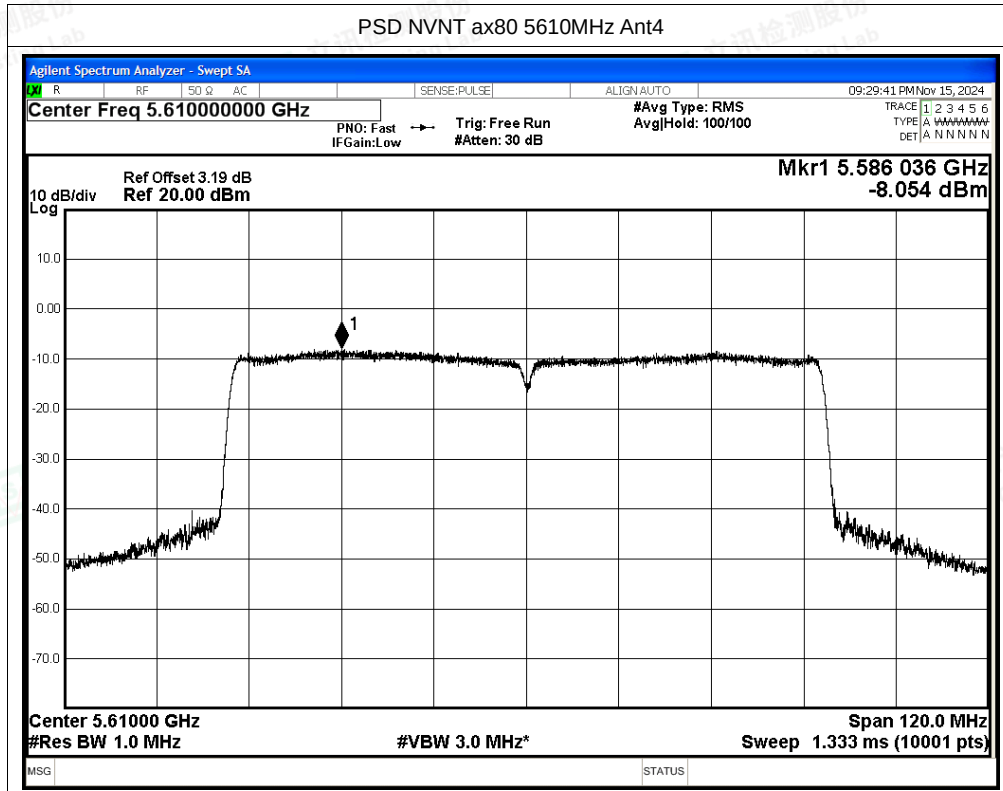








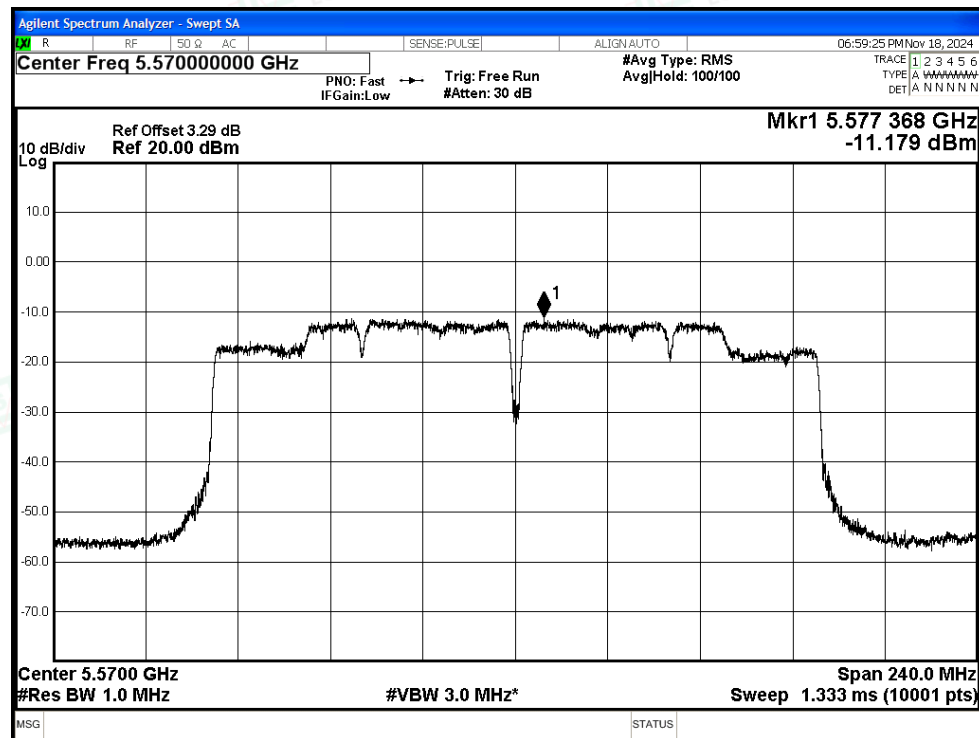




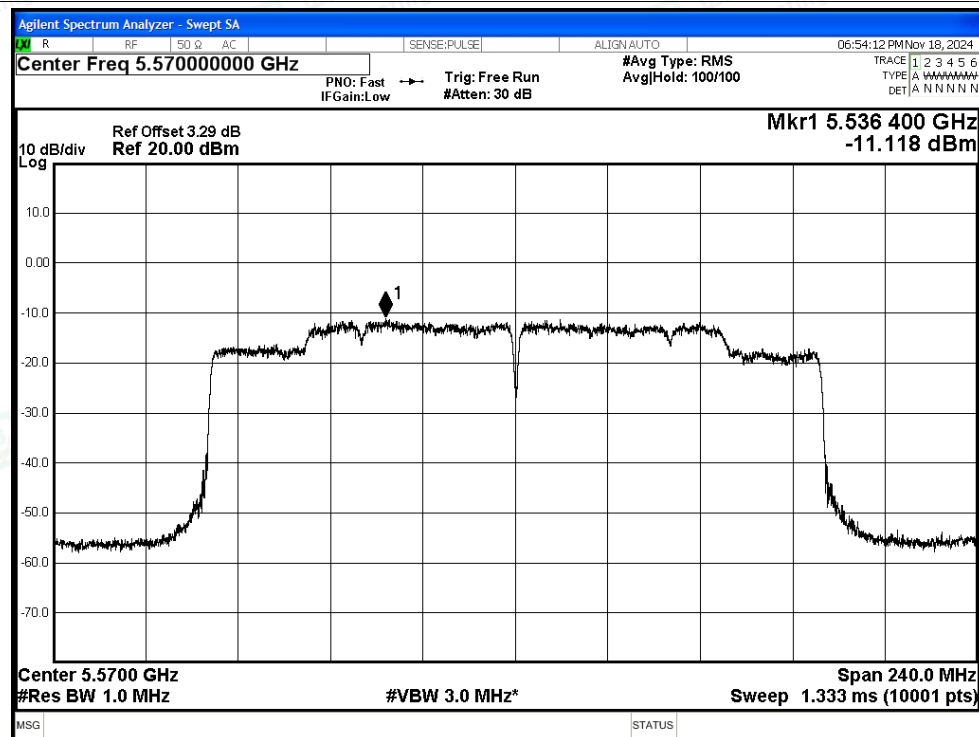


Test Graphs

PSD NVNT ac160 5570MHz Ant4



PSD NVNT ax160 5570MHz Ant4





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	5500	Ant3	5460	-50.53	5.24	-	49.94	Peak	68.2	Pass
NVNT	a	5500	Ant3	5460	-57.69	5.24	0.24	43.02	Average	54	Pass
NVNT	a	5500	Ant3	5468.2	-44.46	5.24	-	56.01	Peak	68.2	Pass
NVNT	a	5500	Ant3	5469	-56.66	5.24	0.24	44.05	Average	54	Pass
NVNT	a	5500	Ant3	5470	-48.54	5.24	-	51.93	Peak	68.2	Pass
NVNT	a	5500	Ant3	5470	-57.14	5.24	0.24	43.57	Average	54	Pass
NVNT	a	5700	Ant3	5725	-41.79	5.24	-	58.68	Peak	68.2	Pass
NVNT	a	5700	Ant3	5725	-55.54	5.24	0.24	45.17	Average	54	Pass
NVNT	a	5700	Ant3	5725	-41.79	5.24	-	58.68	Peak	68.2	Pass
NVNT	a	5700	Ant3	5725.6	-53.99	5.24	0.24	46.72	Average	54	Pass
NVNT	a	5700	Ant3	5735	-48.57	5.24	-	51.9	Peak	68.2	Pass
NVNT	a	5700	Ant3	5735	-57.66	5.24	0.24	43.05	Average	54	Pass
NVNT	n20	5500	Ant3	5460	-50.54	5.24	-	49.93	Peak	68.2	Pass
NVNT	n20	5500	Ant3	5460	-57.59	5.24	0.12	43	Average	54	Pass
NVNT	n20	5500	Ant3	5467.2	-42.35	5.24	-	58.12	Peak	68.2	Pass
NVNT	n20	5500	Ant3	5469.4	-56.31	5.24	0.12	44.28	Average	54	Pass
NVNT	n20	5500	Ant3	5470	-45.59	5.24	-	54.88	Peak	68.2	Pass
NVNT	n20	5500	Ant3	5470	-56.97	5.24	0.12	43.62	Average	54	Pass
NVNT	n20	5700	Ant3	5725	-42.37	5.24	-	58.1	Peak	68.2	Pass
NVNT	n20	5700	Ant3	5725	-54.53	5.24	0.12	46.06	Average	54	Pass
NVNT	n20	5700	Ant3	5726.2	-38.82	5.24	-	62.65	Peak	68.2	Pass
NVNT	n20	5700	Ant3	5725.8	-53.02	5.24	0.12	47.57	Average	54	Pass
NVNT	n20	5700	Ant3	5735	-50.2	5.24	-	50.27	Peak	68.2	Pass
NVNT	n20	5700	Ant3	5735	-57.06	5.24	0.12	43.53	Average	54	Pass
NVNT	n40	5510	Ant3	5460	-49.12	5.24	-	51.35	Peak	68.2	Pass
NVNT	n40	5510	Ant3	5460	-57.81	5.24	0.12	42.78	Average	54	Pass
NVNT	n40	5510	Ant3	5467.4	-44.24	5.24	-	56.23	Peak	68.2	Pass
NVNT	n40	5510	Ant3	5469.6	-55.81	5.24	0.12	44.78	Average	54	Pass
NVNT	n40	5510	Ant3	5470	-45.03	5.24	-	55.44	Peak	68.2	Pass
NVNT	n40	5510	Ant3	5470	-55.97	5.24	0.12	44.62	Average	54	Pass
NVNT	n40	5670	Ant3	5725	-50.64	5.24	-	49.83	Peak	68.2	Pass
NVNT	n40	5670	Ant3	5725	-58.32	5.24	0.12	42.27	Average	54	Pass
NVNT	n40	5670	Ant3	5730.2	-48.31	5.24	-	52.16	Peak	68.2	Pass
NVNT	n40	5670	Ant3	5734.8	-57.69	5.24	0.12	42.9	Average	54	Pass
NVNT	n40	5670	Ant3	5735	-52.22	5.24	-	48.25	Peak	68.2	Pass
NVNT	n40	5670	Ant3	5735	-58.28	5.24	0.12	42.31	Average	54	Pass





NVNT	ac20	5500	Ant3	5460	-49.87	5.24	-	50.6	Peak	68.2	Pass
NVNT	ac20	5500	Ant3	5460	-57.92	5.24	0.12	42.67	Average	54	Pass
NVNT	ac20	5500	Ant3	5469.8	-41.75	5.24	-	58.72	Peak	68.2	Pass
NVNT	ac20	5500	Ant3	5468.4	-55.98	5.24	0.12	44.61	Average	54	Pass
NVNT	ac20	5500	Ant3	5470	-45.23	5.24	-	55.24	Peak	68.2	Pass
NVNT	ac20	5500	Ant3	5470	-56.22	5.24	0.12	44.37	Average	54	Pass
NVNT	ac20	5700	Ant3	5725	-39	5.24	-	61.47	Peak	68.2	Pass
NVNT	ac20	5700	Ant3	5725	-55.42	5.24	0.12	45.17	Average	54	Pass
NVNT	ac20	5700	Ant3	5727.2	-38.79	5.24	-	61.68	Peak	68.2	Pass
NVNT	ac20	5700	Ant3	5727.4	-53.54	5.24	0.12	47.05	Average	54	Pass
NVNT	ac20	5700	Ant3	5735	-49.53	5.24	-	50.94	Peak	68.2	Pass
NVNT	ac20	5700	Ant3	5735	-58.08	5.24	0.12	42.51	Average	54	Pass
NVNT	ac40	5510	Ant3	5460	-49.23	5.24	-	51.24	Peak	68.2	Pass
NVNT	ac40	5510	Ant3	5460	-57.62	5.24	0.12	42.97	Average	54	Pass
NVNT	ac40	5510	Ant3	5469.4	-40.05	5.24	-	60.42	Peak	68.2	Pass
NVNT	ac40	5510	Ant3	5469.8	-55.63	5.24	0.12	44.96	Average	54	Pass
NVNT	ac40	5510	Ant3	5470	-41.95	5.24	-	58.52	Peak	68.2	Pass
NVNT	ac40	5510	Ant3	5470	-55.96	5.24	0.12	44.63	Average	54	Pass
NVNT	ac40	5670	Ant3	5725	-50.01	5.24	-	50.46	Peak	68.2	Pass
NVNT	ac40	5670	Ant3	5725	-57.52	5.24	0.12	43.07	Average	54	Pass
NVNT	ac40	5670	Ant3	5734.4	-48.16	5.24	-	52.31	Peak	68.2	Pass
NVNT	ac40	5670	Ant3	5725	-57.52	5.24	0.12	43.07	Average	54	Pass
NVNT	ac40	5670	Ant3	5735	-49.4	5.24	-	51.07	Peak	68.2	Pass
NVNT	ac40	5670	Ant3	5735	-58.46	5.24	0.12	42.13	Average	54	Pass
NVNT	ac80	5530	Ant3	5460	-48.61	5.24	-	51.86	Peak	68.2	Pass
NVNT	ac80	5530	Ant3	5460	-56.71	5.24	0.25	44.01	Average	54	Pass
NVNT	ac80	5530	Ant3	5469.4	-42.52	5.24	-	57.95	Peak	68.2	Pass
NVNT	ac80	5530	Ant3	5469.2	-54.73	5.24	0.25	45.99	Average	54	Pass
NVNT	ac80	5530	Ant3	5470	-43.92	5.24	-	56.55	Peak	68.2	Pass
NVNT	ac80	5530	Ant3	5470	-55.12	5.24	0.25	45.6	Average	54	Pass
NVNT	ac80	5610	Ant3	5725	-50.31	5.24	-	50.16	Peak	68.2	Pass
NVNT	ac80	5610	Ant3	5725	-58.45	5.24	0.25	42.27	Average	54	Pass
NVNT	ac80	5610	Ant3	5735	-47.98	5.24	-	52.49	Peak	68.2	Pass
NVNT	ac80	5610	Ant3	5725.16	-57.51	5.24	0.25	43.21	Average	54	Pass
NVNT	ac80	5610	Ant3	5735	-47.98	5.24	-	52.49	Peak	68.2	Pass
NVNT	ac80	5610	Ant3	5735	-57.87	5.24	0.25	42.85	Average	54	Pass
NVNT	ax20	5500	Ant3	5460	-50.83	5.24	-	49.64	Peak	68.2	Pass
NVNT	ax20	5500	Ant3	5460	-57.67	5.24	0.12	42.92	Average	54	Pass
NVNT	ax20	5500	Ant3	5468.6	-42.99	5.24	-	57.48	Peak	68.2	Pass
NVNT	ax20	5500	Ant3	5469.6	-56.21	5.24	0.12	44.38	Average	54	Pass
NVNT	ax20	5500	Ant3	5470	-43.34	5.24	-	57.13	Peak	68.2	Pass





NVNT	ax20	5500	Ant3	5470	-56.57	5.24	0.12	44.02	Average	54	Pass
NVNT	ax20	5700	Ant3	5725	-36.51	5.24	-	63.96	Peak	68.2	Pass
NVNT	ax20	5700	Ant3	5725	-53.14	5.24	0.12	47.45	Average	54	Pass
NVNT	ax20	5700	Ant3	5725	-36.51	5.24	-	63.96	Peak	68.2	Pass
NVNT	ax20	5700	Ant3	5725.2	-52.47	5.24	0.12	48.12	Average	54	Pass
NVNT	ax20	5700	Ant3	5735	-49.82	5.24	-	50.65	Peak	68.2	Pass
NVNT	ax20	5700	Ant3	5735	-57.83	5.24	0.12	42.76	Average	54	Pass
NVNT	ax40	5510	Ant3	5460	-50.2	5.24	-	50.27	Peak	68.2	Pass
NVNT	ax40	5510	Ant3	5460	-57.09	5.24	0.12	43.5	Average	54	Pass
NVNT	ax40	5510	Ant3	5470	-42.52	5.24	-	57.95	Peak	68.2	Pass
NVNT	ax40	5510	Ant3	5469.8	-55.52	5.24	0.12	45.07	Average	54	Pass
NVNT	ax40	5510	Ant3	5470	-42.52	5.24	-	57.95	Peak	68.2	Pass
NVNT	ax40	5510	Ant3	5470	-55.95	5.24	0.12	44.64	Average	54	Pass
NVNT	ax40	5670	Ant3	5725	-49.83	5.24	-	50.64	Peak	68.2	Pass
NVNT	ax40	5670	Ant3	5725	-58.21	5.24	0.12	42.38	Average	54	Pass
NVNT	ax40	5670	Ant3	5731.8	-48.37	5.24	-	52.1	Peak	68.2	Pass
NVNT	ax40	5670	Ant3	5734.2	-57.44	5.24	0.12	43.15	Average	54	Pass
NVNT	ax40	5670	Ant3	5735	-49.75	5.24	-	50.72	Peak	68.2	Pass
NVNT	ax40	5670	Ant3	5735	-57.91	5.24	0.12	42.68	Average	54	Pass
NVNT	ax80	5530	Ant3	5460	-49.37	5.24	-	51.1	Peak	68.2	Pass
NVNT	ax80	5530	Ant3	5460	-56.31	5.24	0.25	44.41	Average	54	Pass
NVNT	ax80	5530	Ant3	5465.4	-42.27	5.24	-	58.2	Peak	68.2	Pass
NVNT	ax80	5530	Ant3	5469.6	-54.37	5.24	0.25	46.35	Average	54	Pass
NVNT	ax80	5530	Ant3	5470	-44.41	5.24	-	56.06	Peak	68.2	Pass
NVNT	ax80	5530	Ant3	5470	-55.13	5.24	0.25	45.59	Average	54	Pass
NVNT	ax80	5610	Ant3	5725	-50.23	5.24	-	50.24	Peak	68.2	Pass
NVNT	ax80	5610	Ant3	5725	-58.17	5.24	0.25	42.55	Average	54	Pass
NVNT	ax80	5610	Ant3	5732.54	-47.88	5.24	-	52.59	Peak	68.2	Pass
NVNT	ax80	5610	Ant3	5733.36	-57.15	5.24	0.25	43.57	Average	54	Pass
NVNT	ax80	5610	Ant3	5735	-51	5.24	-	49.47	Peak	68.2	Pass
NVNT	ax80	5610	Ant3	5735	-58.32	5.24	0.25	42.4	Average	54	Pass
NVNT	ac160	5570	Ant3	5725	-44.78	5.24	-	52.45	Peak	68.2	Pass
NVNT	ac160	5570	Ant3	5725	-54.88	5.24	1.09	43.44	Average	54	Pass
NVNT	ac160	5570	Ant3	5728.5	-42.8	5.24	-	54.43	Peak	68.2	Pass
NVNT	ac160	5570	Ant3	5726.875	-53.46	5.24	1.09	44.86	Average	54	Pass
NVNT	ac160	5570	Ant3	5735	-47.24	5.24	-	49.99	Peak	68.2	Pass
NVNT	ac160	5570	Ant3	5735	-57.46	5.24	1.09	40.86	Average	54	Pass
NVNT	ac160	5570	Ant3	5460	-45.45	5.24	-	51.78	Peak	68.2	Pass
NVNT	ac160	5570	Ant3	5460	-56.91	5.24	1.09	41.41	Average	54	Pass
NVNT	ac160	5570	Ant3	5467.29	-41.98	5.24	-	55.25	Peak	68.2	Pass
NVNT	ac160	5570	Ant3	5460.54	-55.6	5.24	1.09	42.72	Average	54	Pass





NVNT	ac160	5570	Ant3	5470	-45.77	5.24	-	51.46	Peak	68.2	Pass
NVNT	ac160	5570	Ant3	5470	-57.37	5.24	1.09	40.95	Average	54	Pass
NVNT	ax160	5570	Ant3	5725	-44.46	5.24	-	52.77	Peak	68.2	Pass
NVNT	ax160	5570	Ant3	5725	-54.71	5.24	1.04	43.56	Average	54	Pass
NVNT	ax160	5570	Ant3	5728.175	-42.84	5.24	-	54.39	Peak	68.2	Pass
NVNT	ax160	5570	Ant3	5728.825	-53.94	5.24	1.04	44.33	Average	54	Pass
NVNT	ax160	5570	Ant3	5735	-48.17	5.24	-	49.06	Peak	68.2	Pass
NVNT	ax160	5570	Ant3	5735	-57.33	5.24	1.04	40.94	Average	54	Pass
NVNT	ax160	5570	Ant3	5460	-45.15	5.24	-	52.08	Peak	68.2	Pass
NVNT	ax160	5570	Ant3	5460	-58.44	5.24	1.04	39.83	Average	54	Pass
NVNT	ax160	5570	Ant3	5468.1	-42.56	5.24	-	54.67	Peak	68.2	Pass
NVNT	ax160	5570	Ant3	5467.56	-56.63	5.24	1.04	41.64	Average	54	Pass
NVNT	ax160	5570	Ant3	5470	-49.28	5.24	-	47.95	Peak	68.2	Pass
NVNT	ax160	5570	Ant3	5470	-58.43	5.24	1.04	39.84	Average	54	Pass

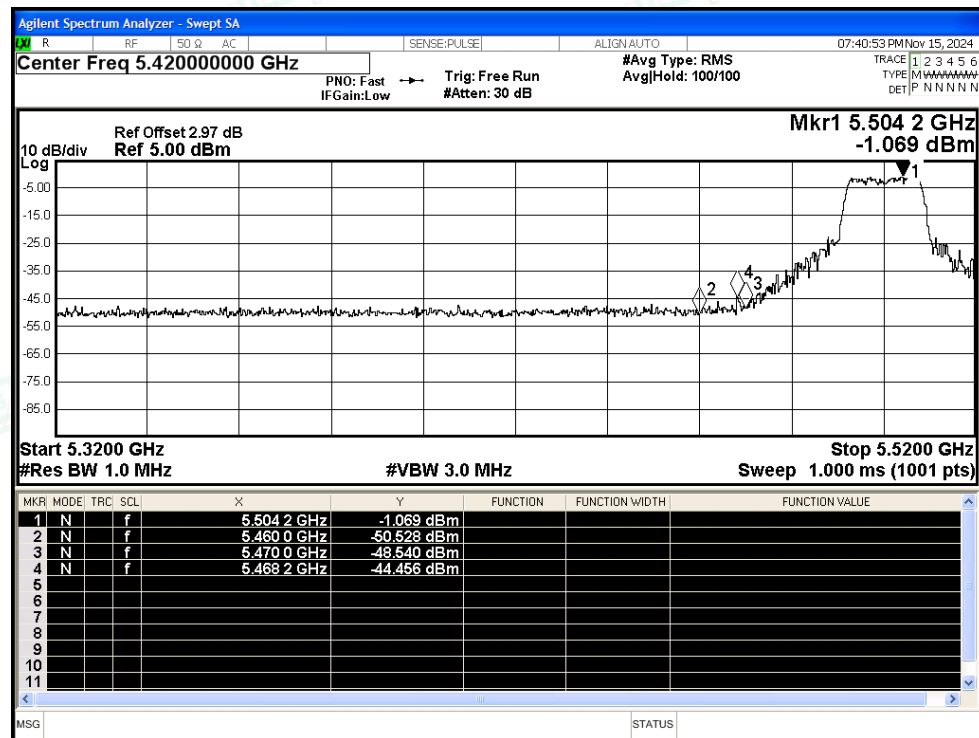


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Scan code to check authenticity

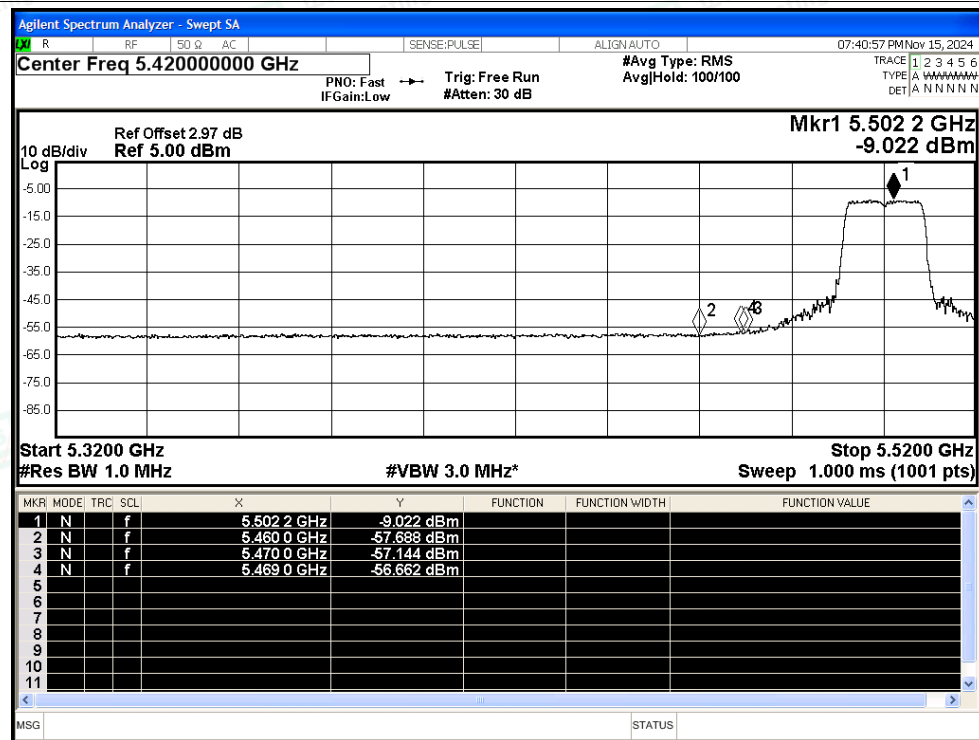


Test Graphs

Restrict Band NVNT a 5500MHz Ant3 Peak



Restrict Band NVNT a 5500MHz Ant3 Average



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