



Appendix C

RF Test Data for 5.3GWIFI (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



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C.1 -26dB Bandwidth

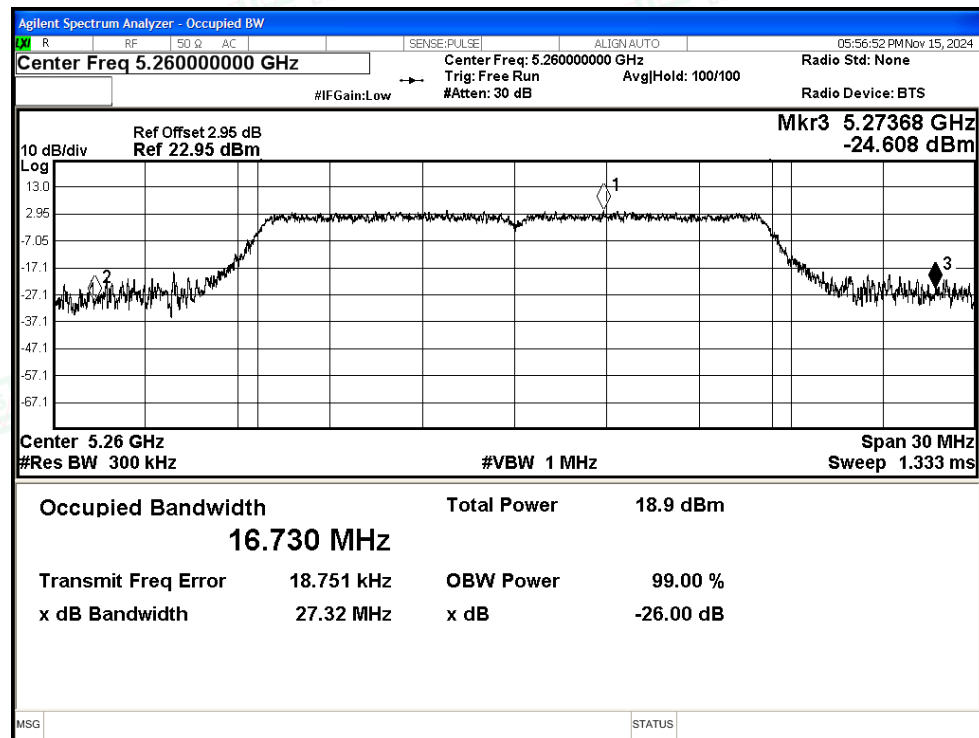
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant3	27.322	---	Pass
NVNT	a	5300	Ant3	26.869	---	Pass
NVNT	a	5320	Ant3	26.673	---	Pass
NVNT	n20	5260	Ant3	26.615	---	Pass
NVNT	n20	5300	Ant3	27.025	---	Pass
NVNT	n20	5320	Ant3	28.315	---	Pass
NVNT	n40	5270	Ant3	39.289	---	Pass
NVNT	n40	5310	Ant3	41.983	---	Pass
NVNT	ac20	5260	Ant3	26.664	---	Pass
NVNT	ac20	5300	Ant3	27.277	---	Pass
NVNT	ac20	5320	Ant3	27.989	---	Pass
NVNT	ac40	5270	Ant3	39.559	---	Pass
NVNT	ac40	5310	Ant3	48.404	---	Pass
NVNT	ac80	5290	Ant3	78.41	---	Pass
NVNT	ax20	5260	Ant3	29.331	---	Pass
NVNT	ax20	5300	Ant3	28.788	---	Pass
NVNT	ax20	5320	Ant3	28.998	---	Pass
NVNT	ax40	5270	Ant3	41.659	---	Pass
NVNT	ax40	5310	Ant3	41.556	---	Pass
NVNT	ax80	5290	Ant3	78.117	---	Pass
NVNT	ac160	5250	Ant3	163.035	---	Pass
NVNT	ax160	5250	Ant3	159.159	---	Pass



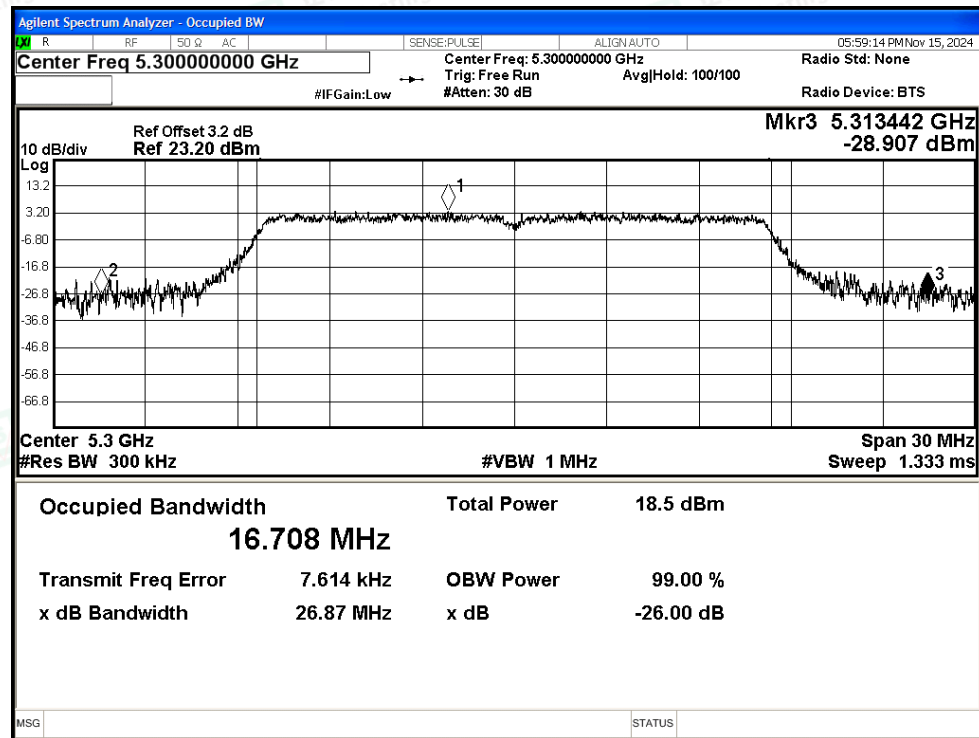


Test Graphs

-26dB Bandwidth NVNT a 5260MHz Ant3

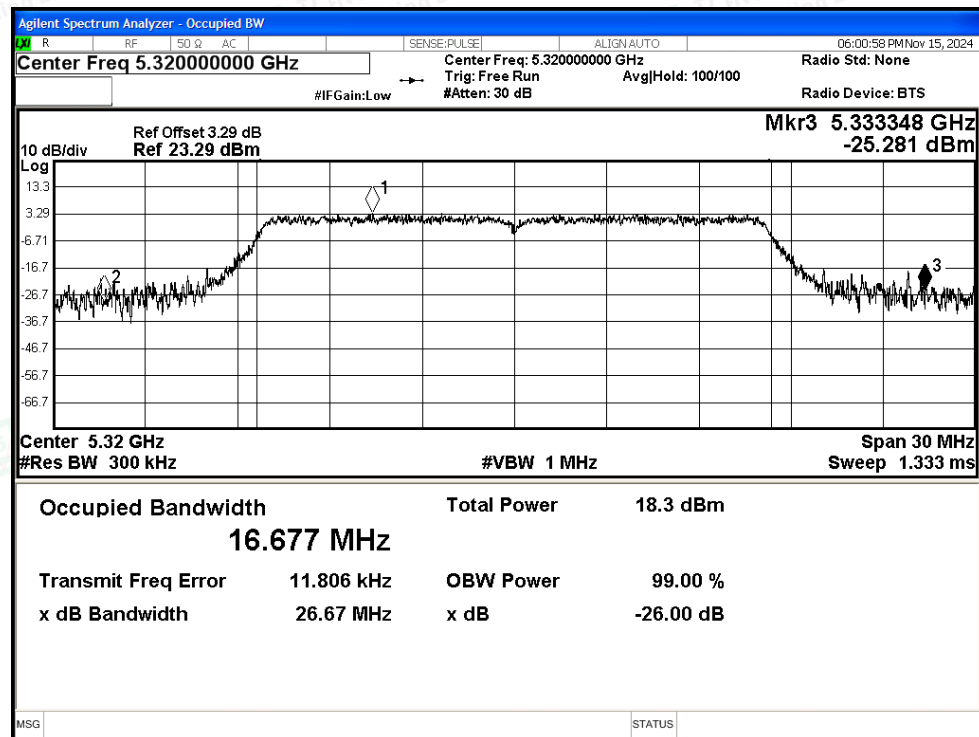


-26dB Bandwidth NVNT a 5300MHz Ant3

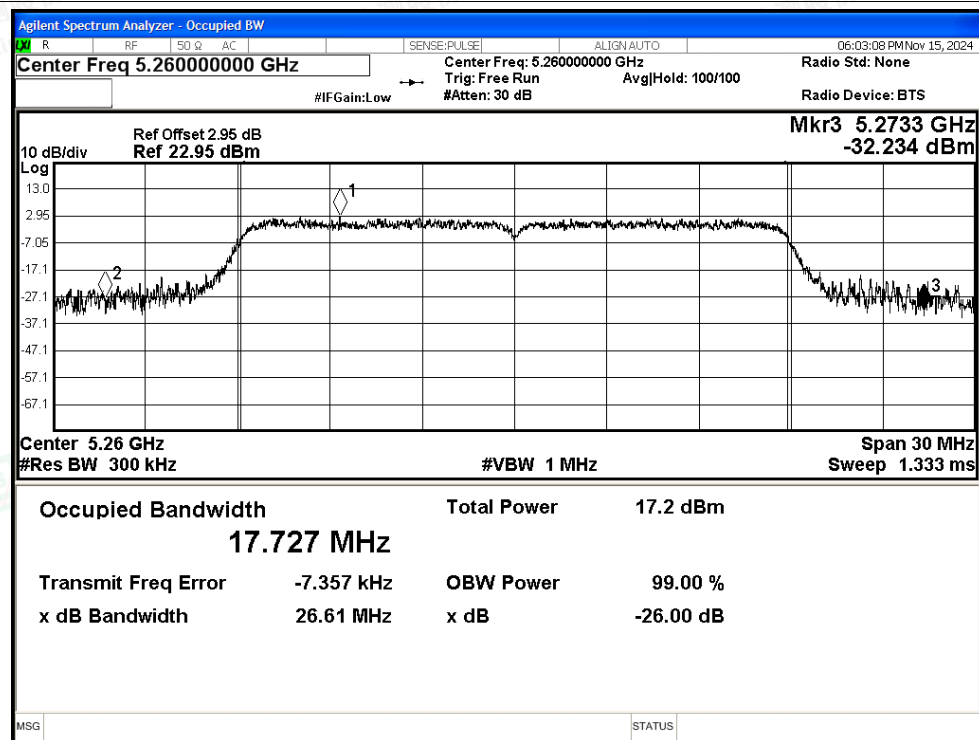




-26dB Bandwidth NVNT a 5320MHz Ant3



-26dB Bandwidth NVNT n20 5260MHz Ant3



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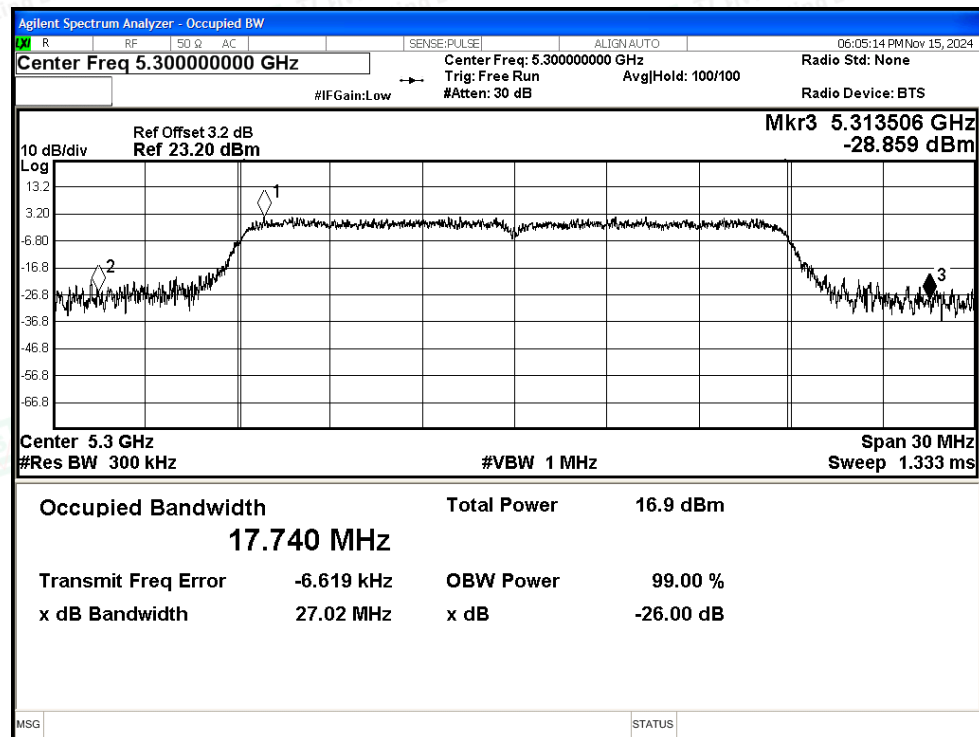
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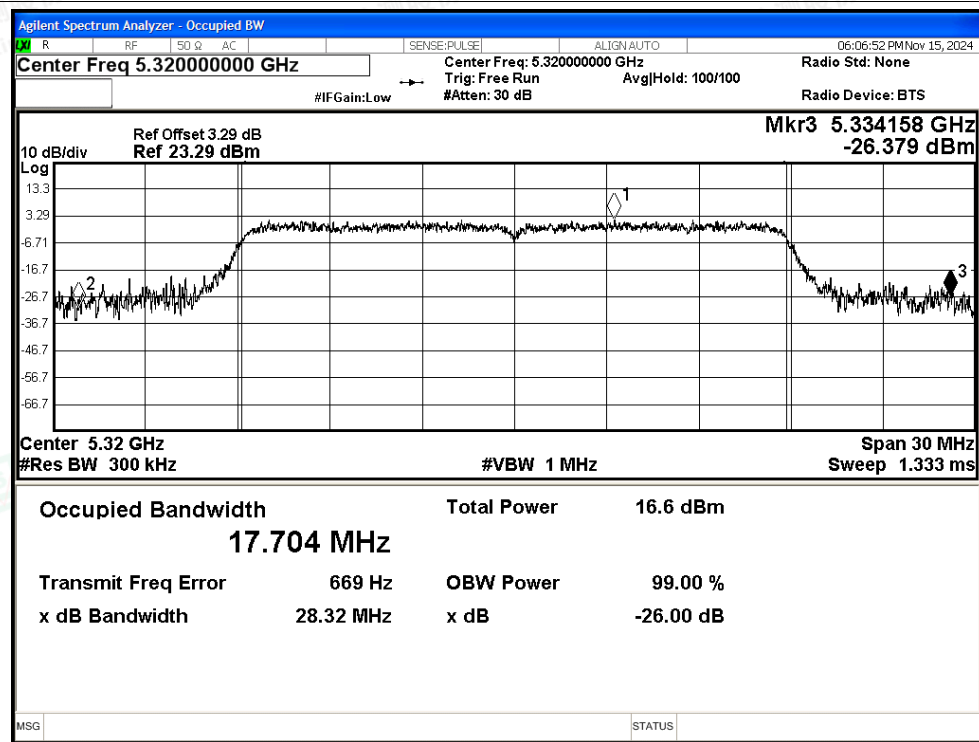
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-26dB Bandwidth NVNT n20 5300MHz Ant3



-26dB Bandwidth NVNT n20 5320MHz Ant3

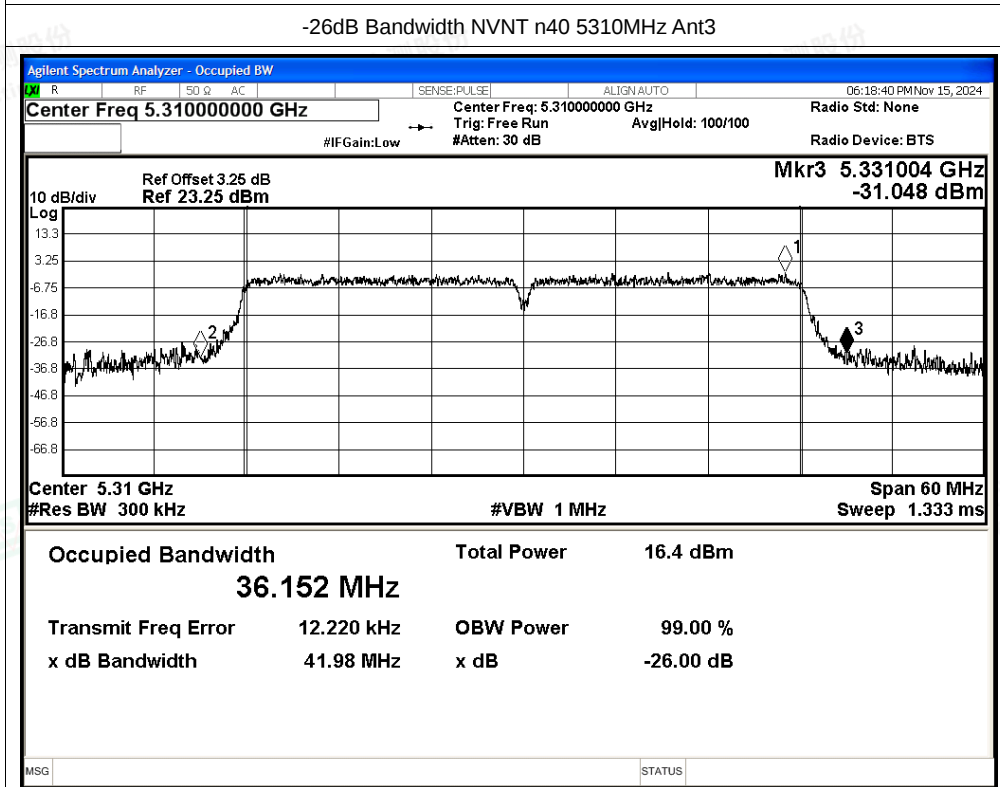
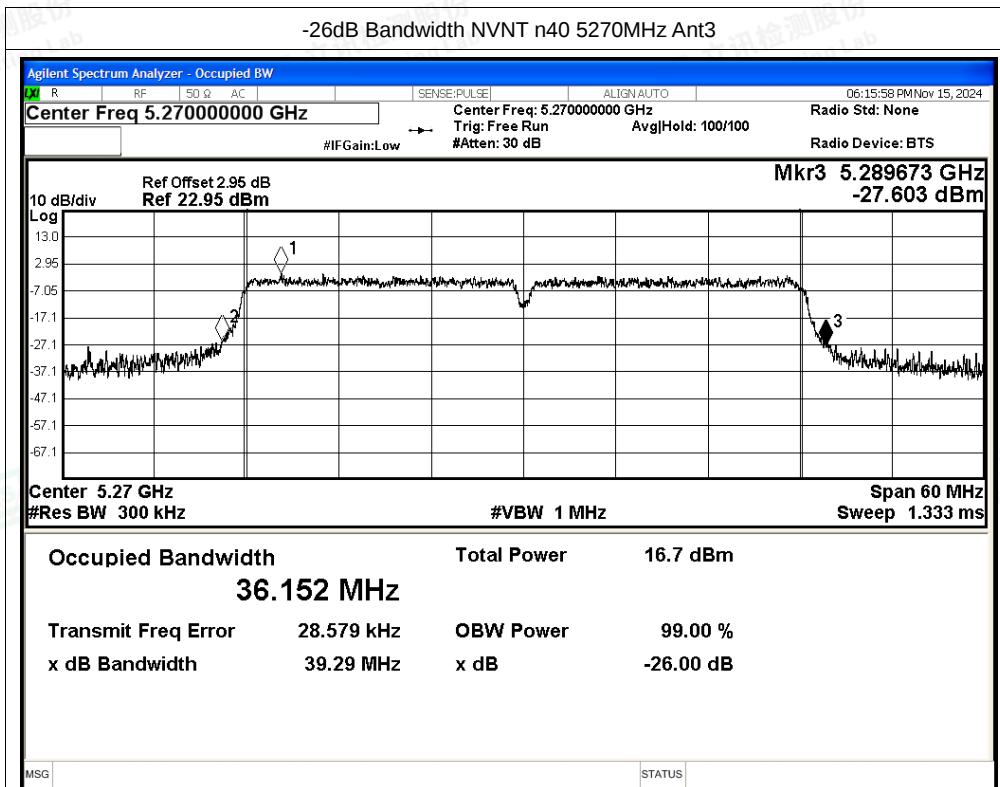


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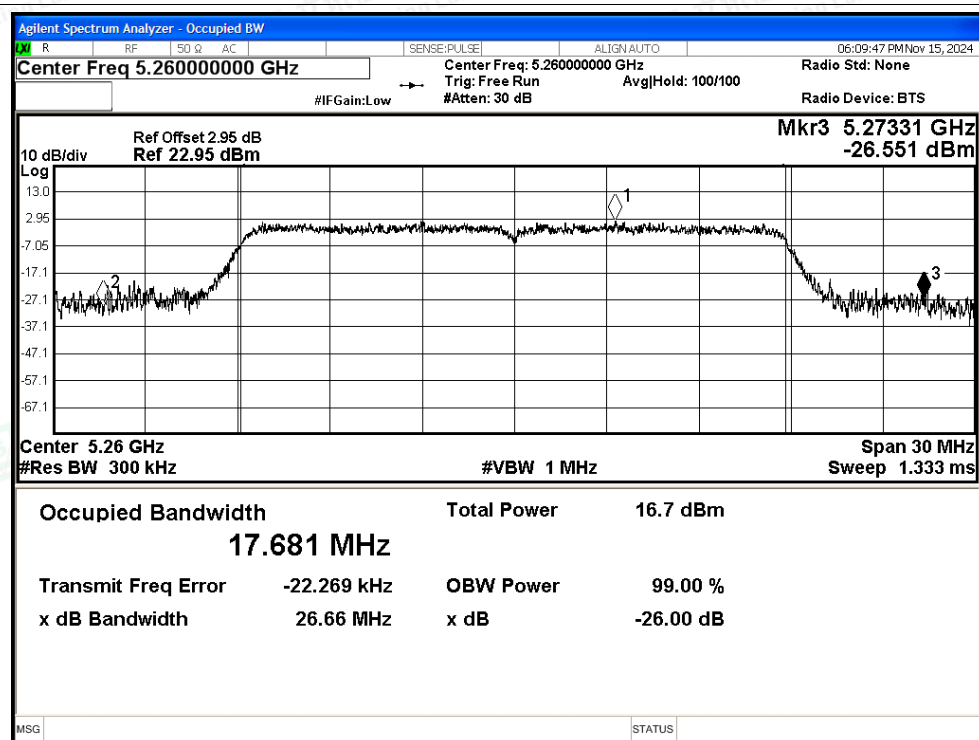
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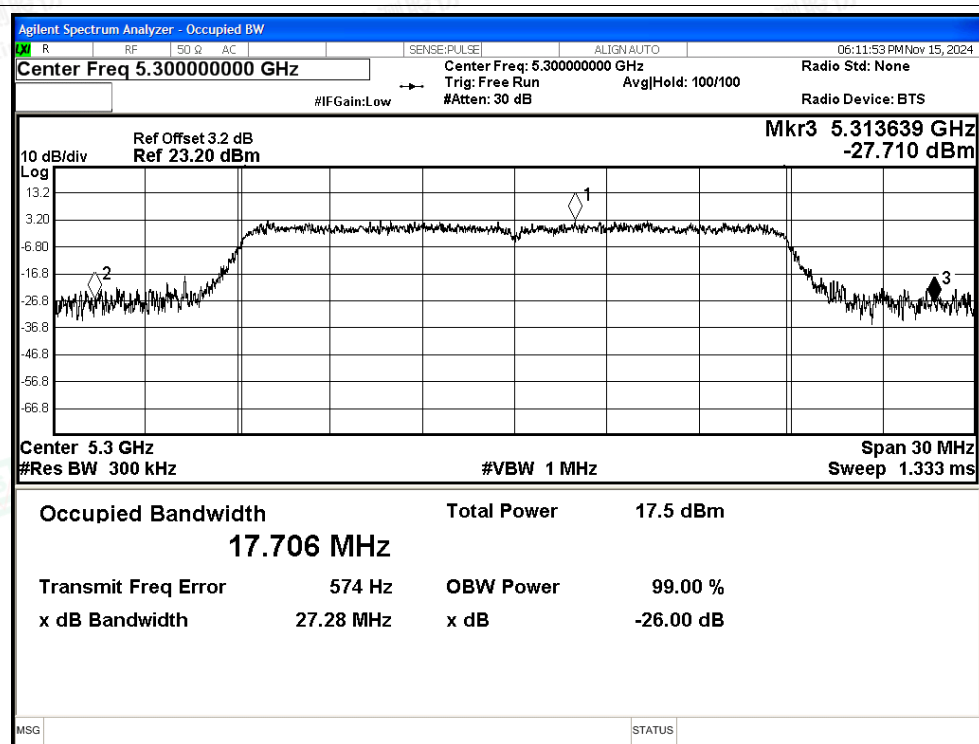




-26dB Bandwidth NVNT ac20 5260MHz Ant3



-26dB Bandwidth NVNT ac20 5300MHz Ant3



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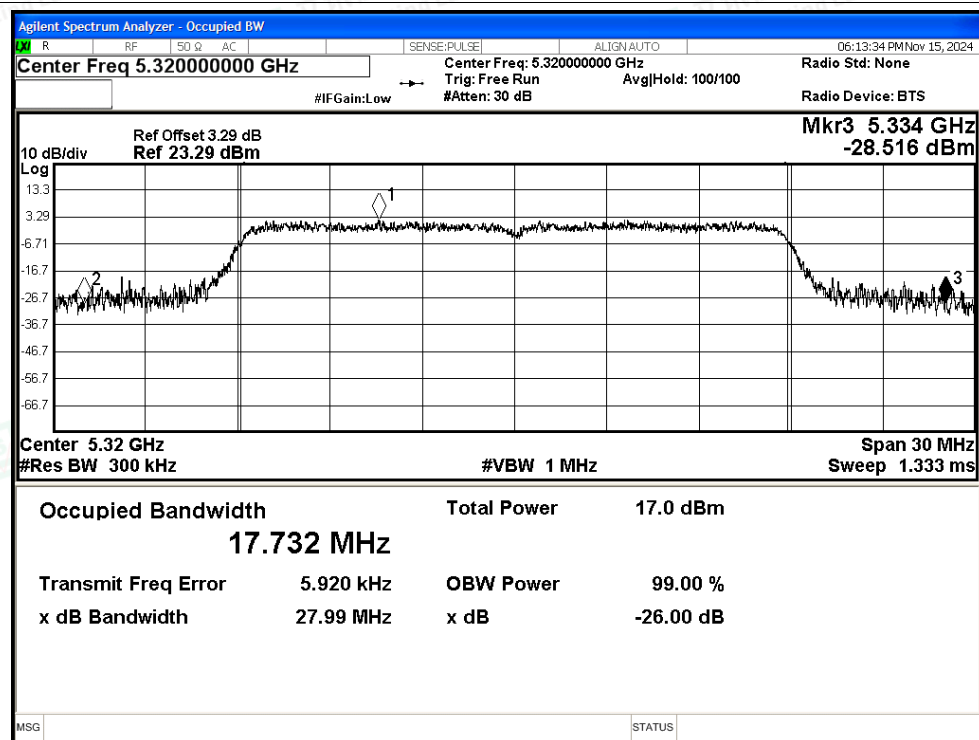
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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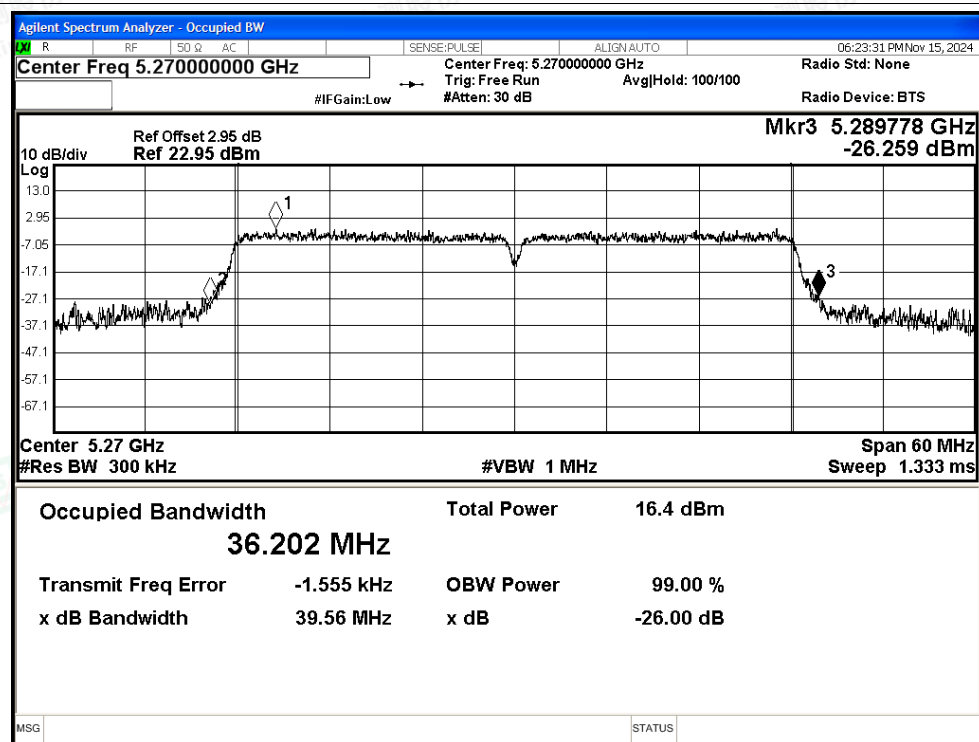
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-26dB Bandwidth NVNT ac20 5320MHz Ant3



-26dB Bandwidth NVNT ac40 5270MHz Ant3



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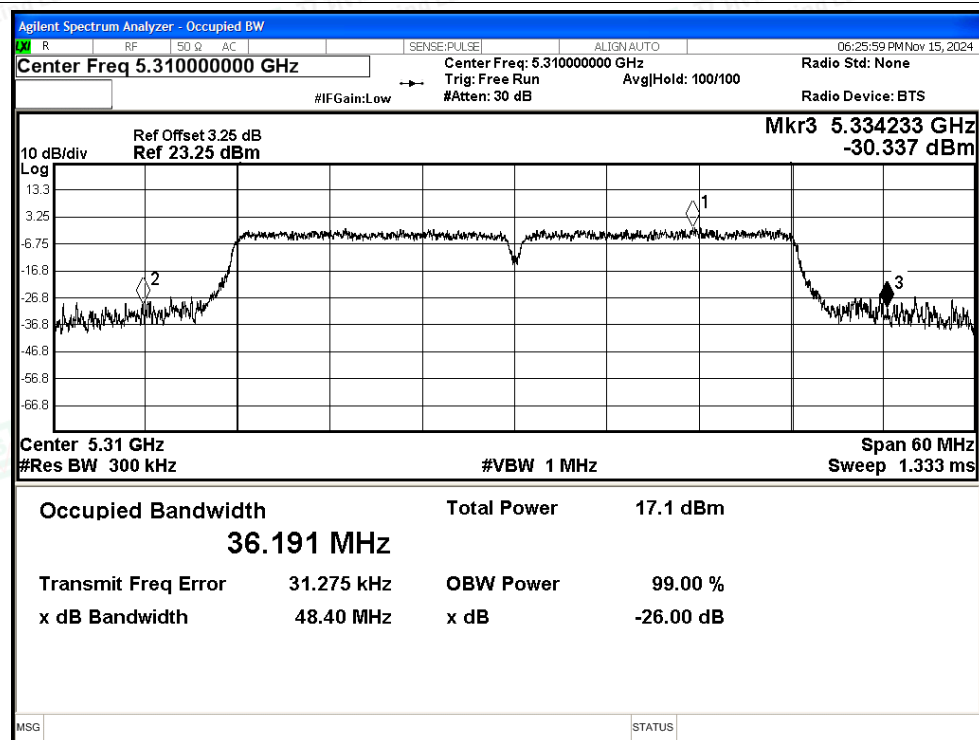
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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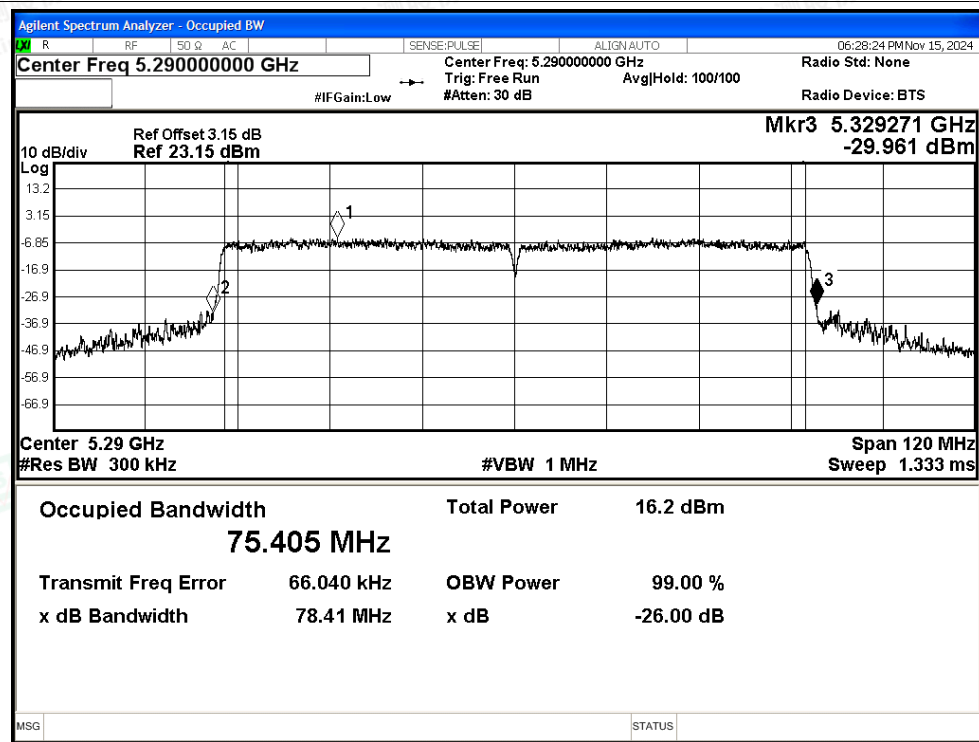
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-26dB Bandwidth NVNT ac40 5310MHz Ant3



-26dB Bandwidth NVNT ac80 5290MHz Ant3



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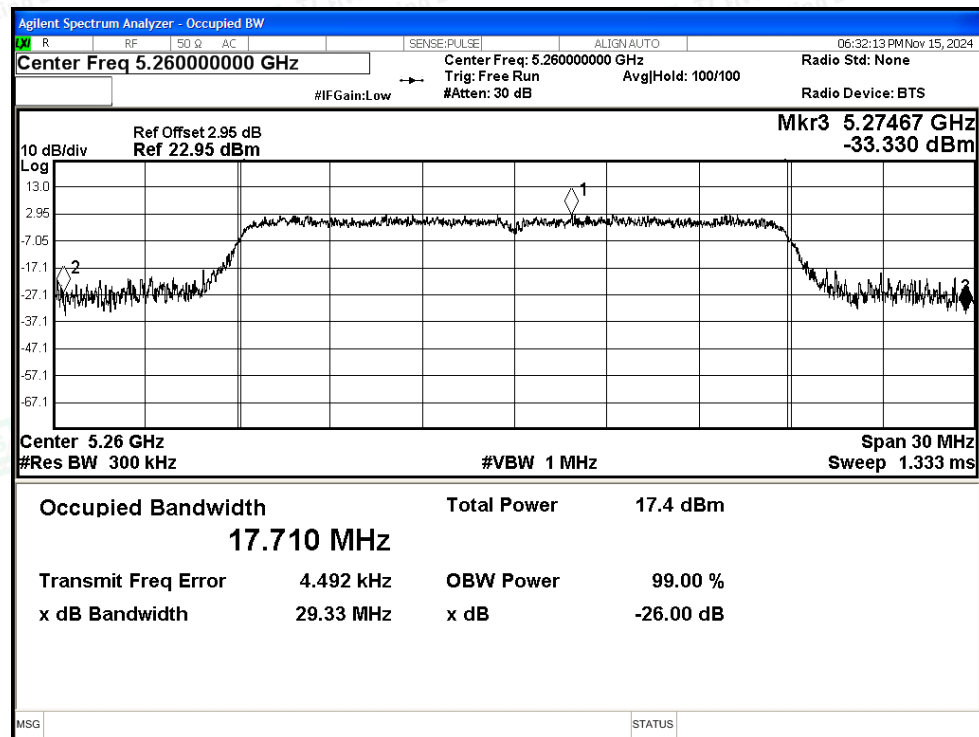
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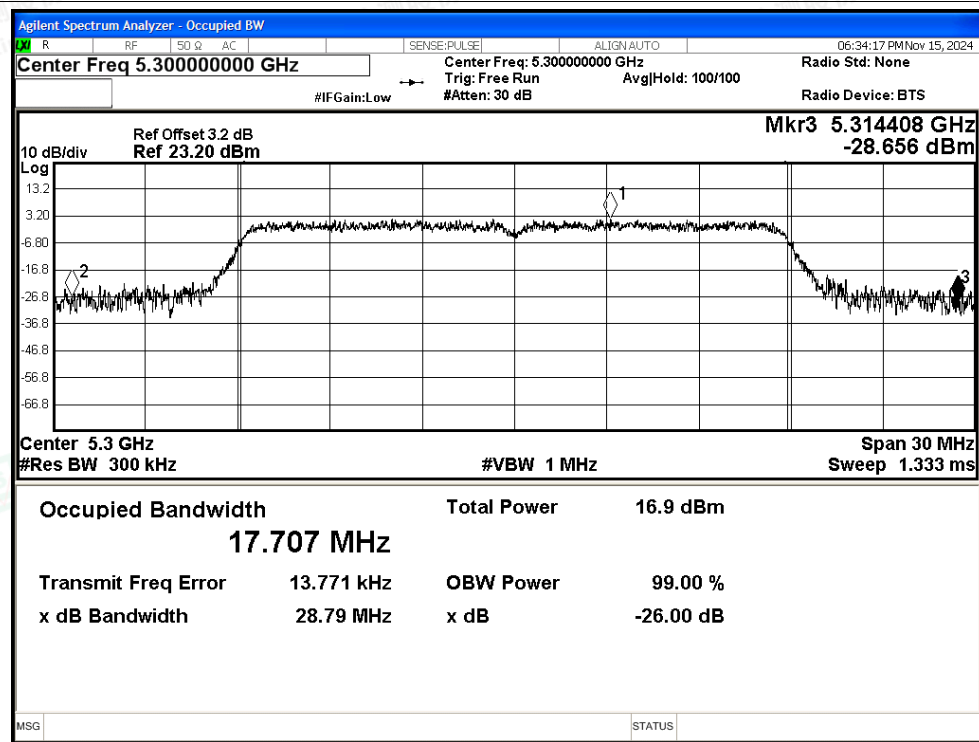
Scan code to check authenticity



-26dB Bandwidth NVNT ax20 5260MHz Ant3

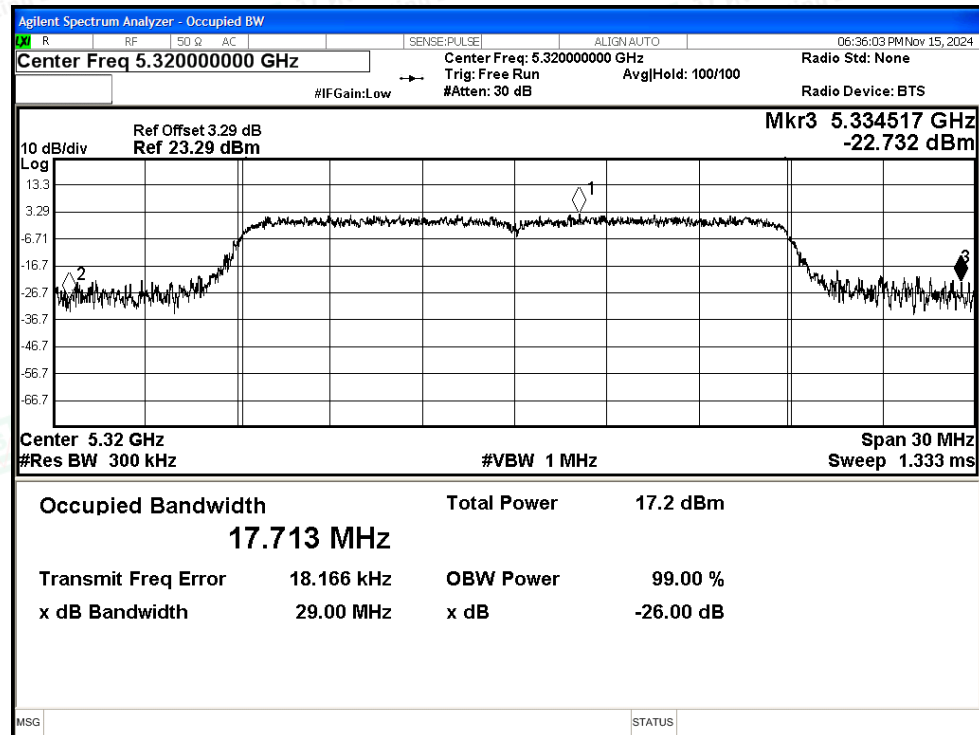


-26dB Bandwidth NVNT ax20 5300MHz Ant3

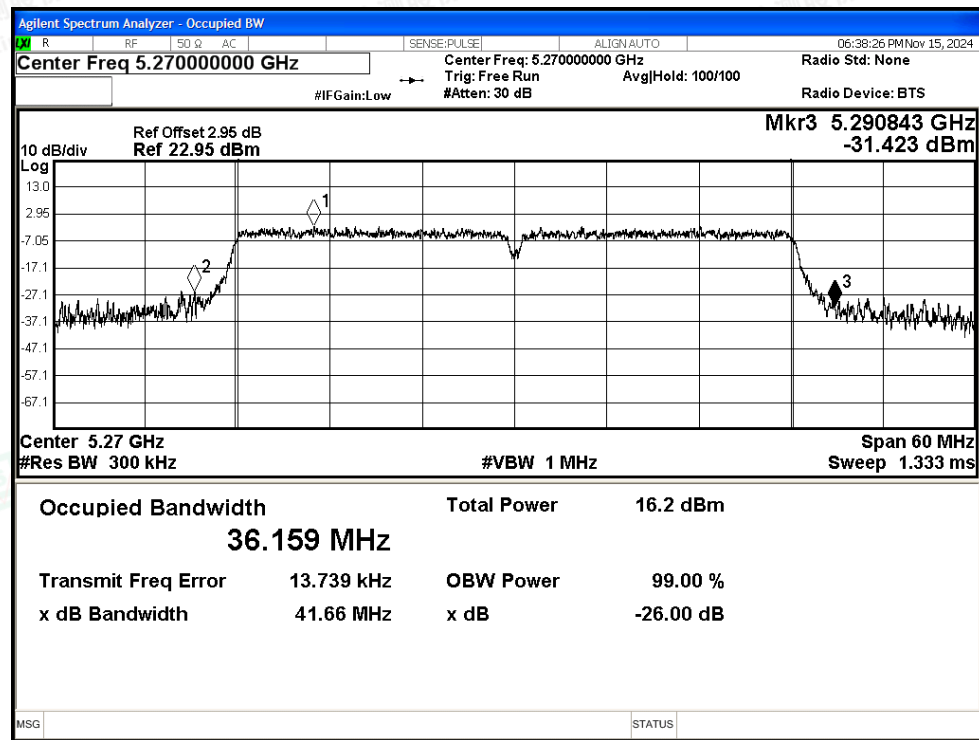




-26dB Bandwidth NVNT ax20 5320MHz Ant3

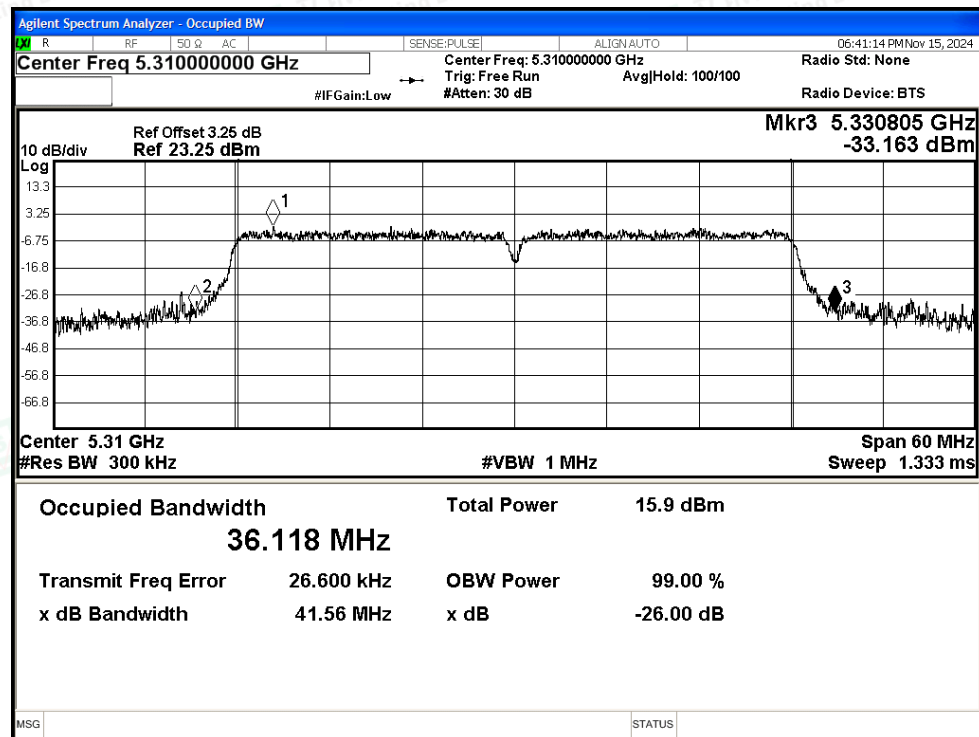


-26dB Bandwidth NVNT ax40 5270MHz Ant3

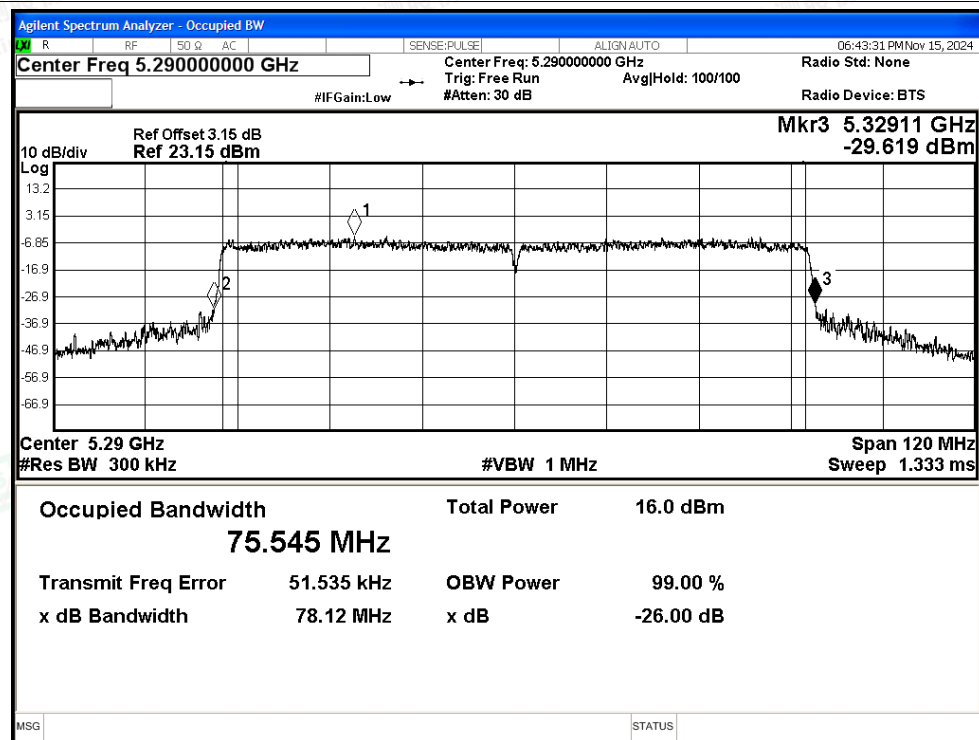




-26dB Bandwidth NVNT ax40 5310MHz Ant3



-26dB Bandwidth NVNT ax80 5290MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

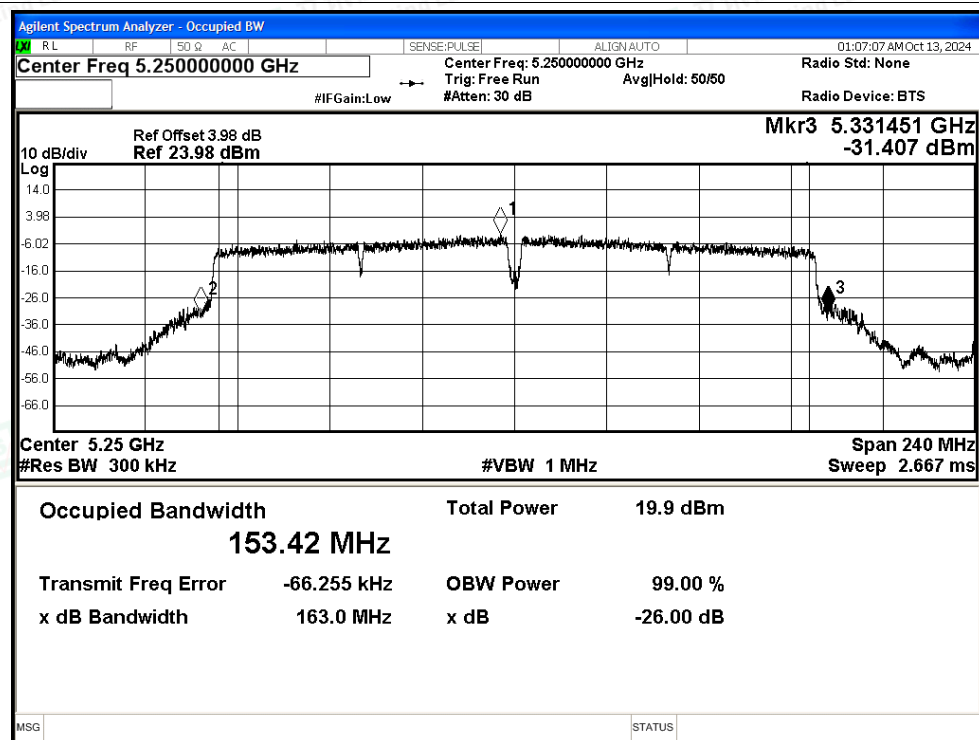
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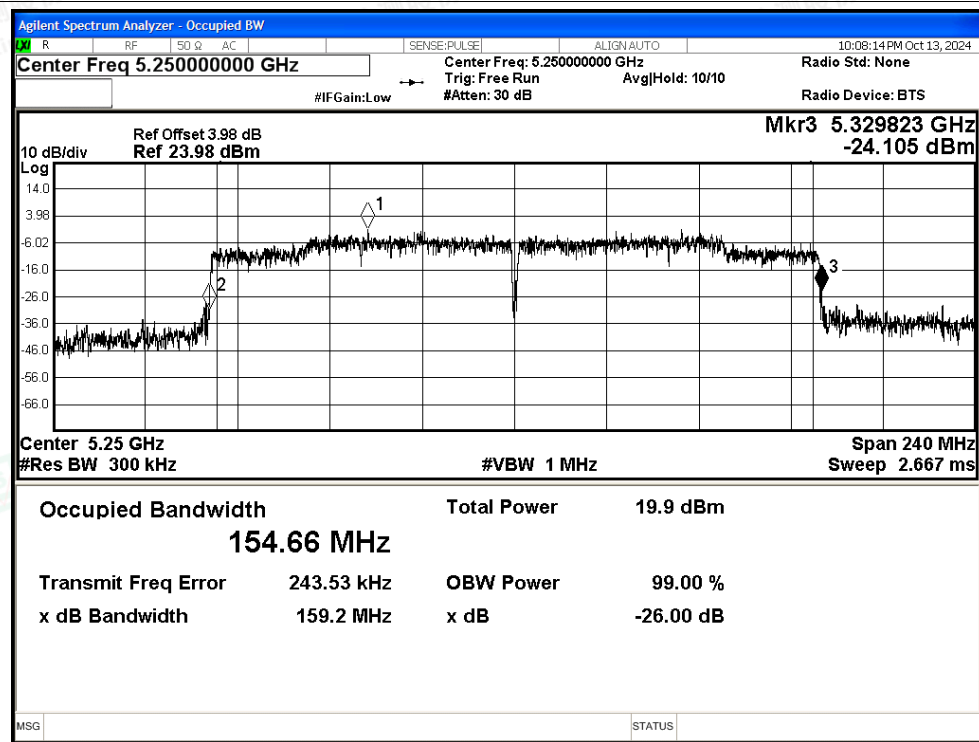
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-26dB Bandwidth NVNT ac160 5250MHz Ant3



-26dB Bandwidth NVNT ax160 5250MHz Ant3



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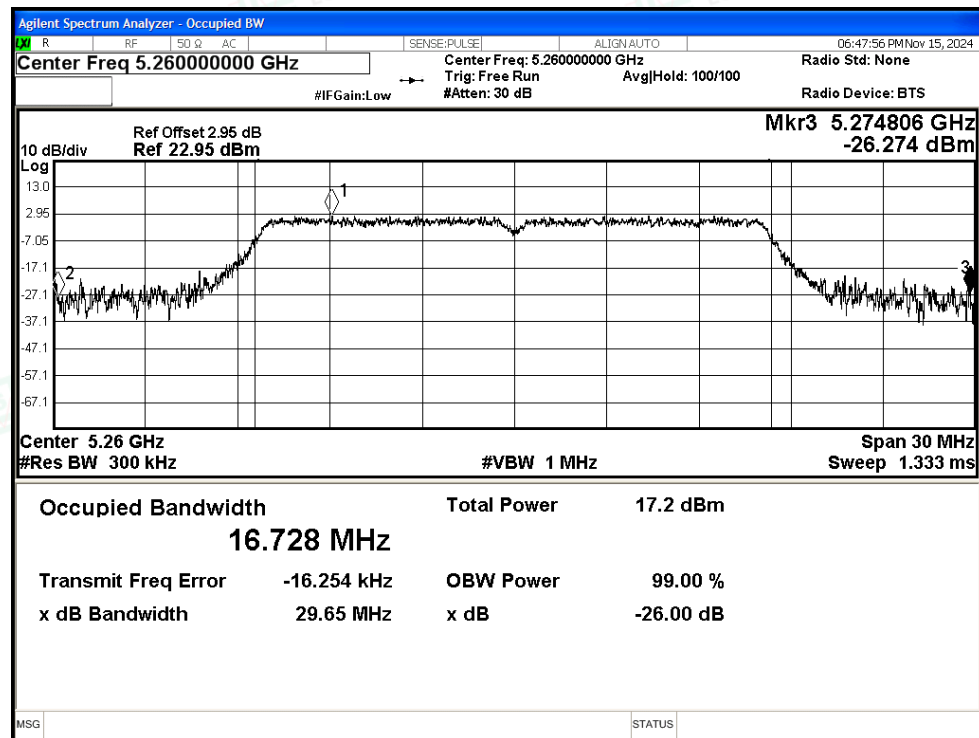
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant4	29.645	---	Pass
NVNT	a	5300	Ant4	26.636	---	Pass
NVNT	a	5320	Ant4	29.298	---	Pass
NVNT	n20	5260	Ant4	27.948	---	Pass
NVNT	n20	5300	Ant4	26.777	---	Pass
NVNT	n20	5320	Ant4	29.465	---	Pass
NVNT	n40	5270	Ant4	41.141	---	Pass
NVNT	n40	5310	Ant4	39.591	---	Pass
NVNT	ac20	5260	Ant4	28.417	---	Pass
NVNT	ac20	5300	Ant4	29.011	---	Pass
NVNT	ac20	5320	Ant4	28.254	---	Pass
NVNT	ac40	5270	Ant4	47.368	---	Pass
NVNT	ac40	5310	Ant4	47.08	---	Pass
NVNT	ac80	5290	Ant4	78.251	---	Pass
NVNT	ax20	5260	Ant4	28.024	---	Pass
NVNT	ax20	5300	Ant4	29.038	---	Pass
NVNT	ax20	5320	Ant4	29.308	---	Pass
NVNT	ax40	5270	Ant4	42.822	---	Pass
NVNT	ax40	5310	Ant4	45.802	---	Pass
NVNT	ax80	5290	Ant4	78.506	---	Pass
NVNT	ac160	5250	Ant4	159.87	---	Pass
NVNT	ax160	5250	Ant4	159.732	---	Pass



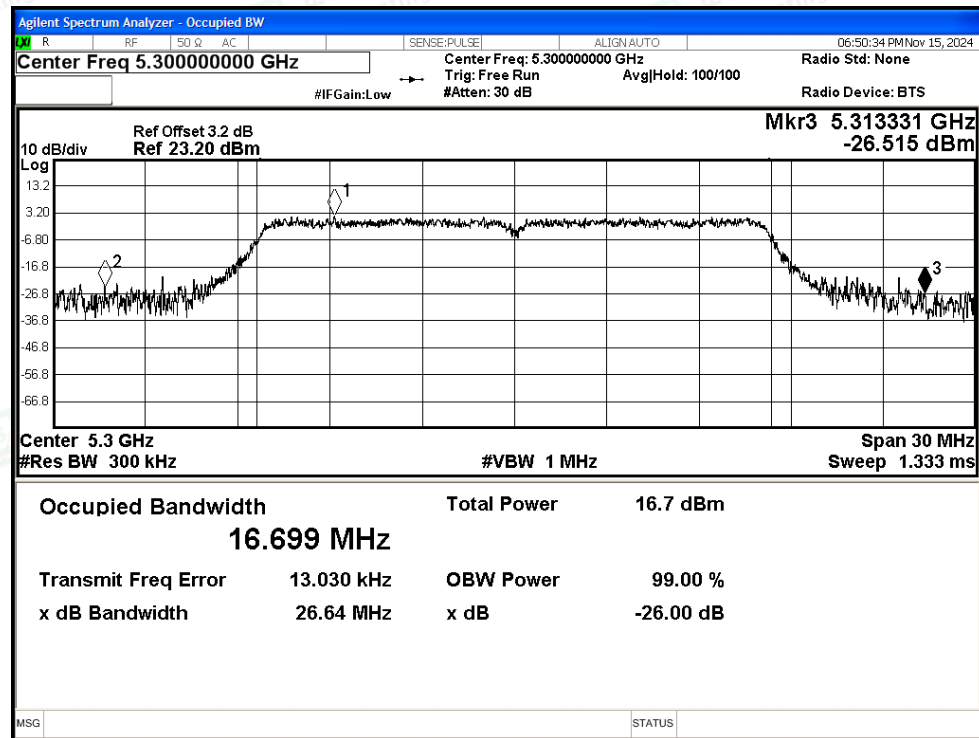


Test Graphs

-26dB Bandwidth NVNT a 5260MHz Ant4



-26dB Bandwidth NVNT a 5300MHz Ant4



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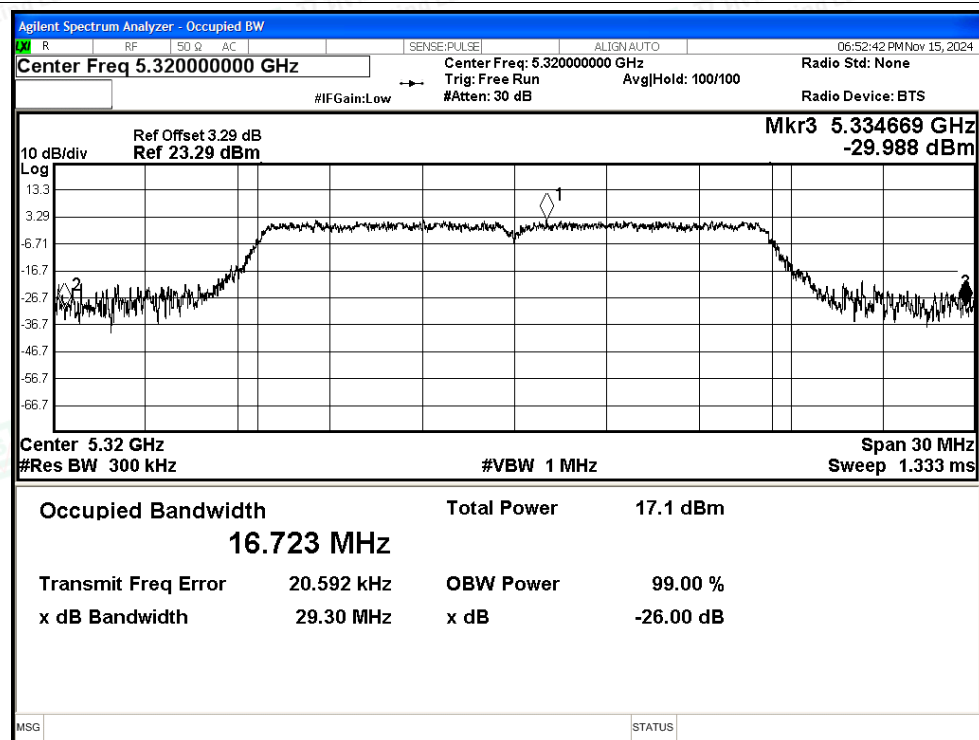
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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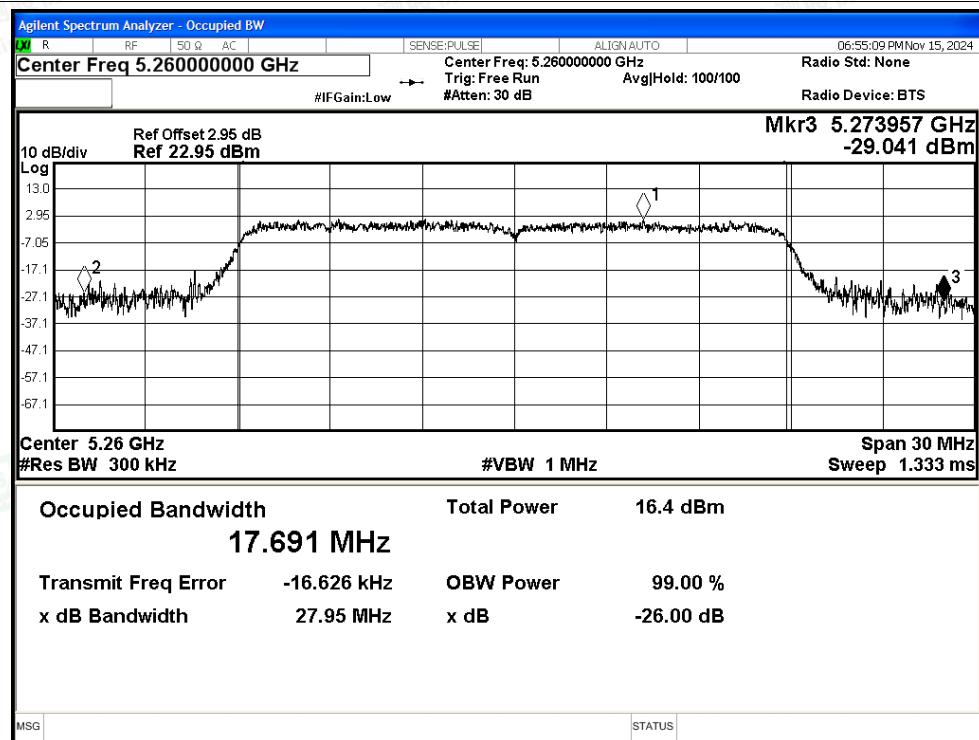
Scan code to check authenticity



-26dB Bandwidth NVNT a 5320MHz Ant4



-26dB Bandwidth NVNT n20 5260MHz Ant4

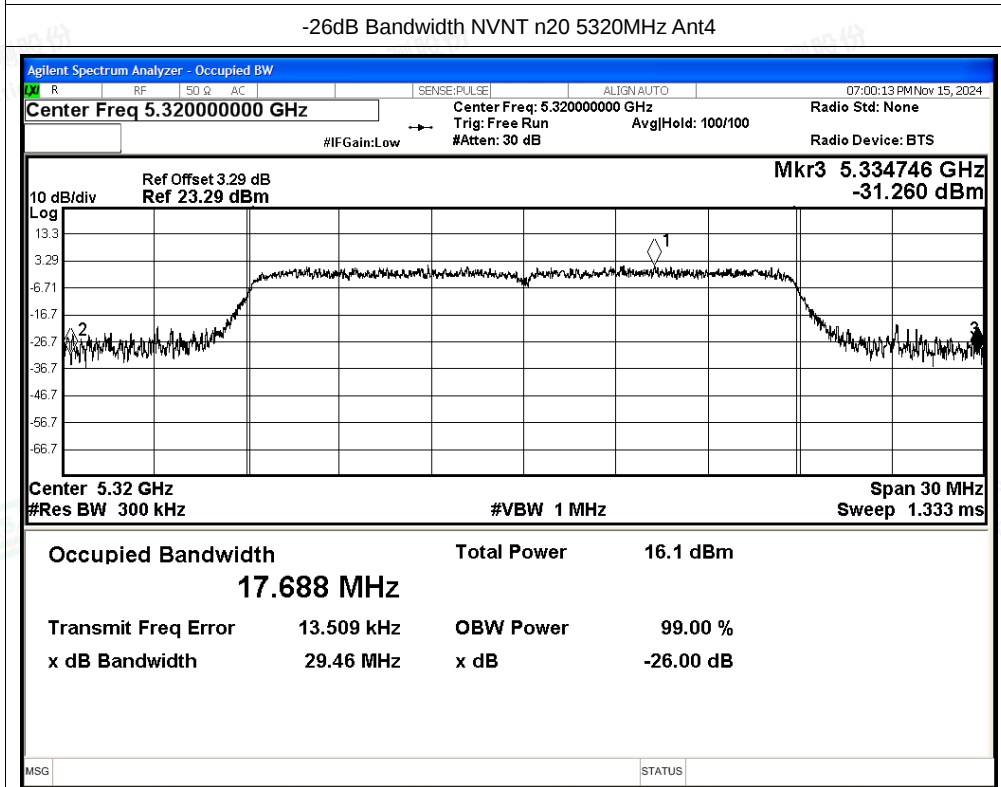
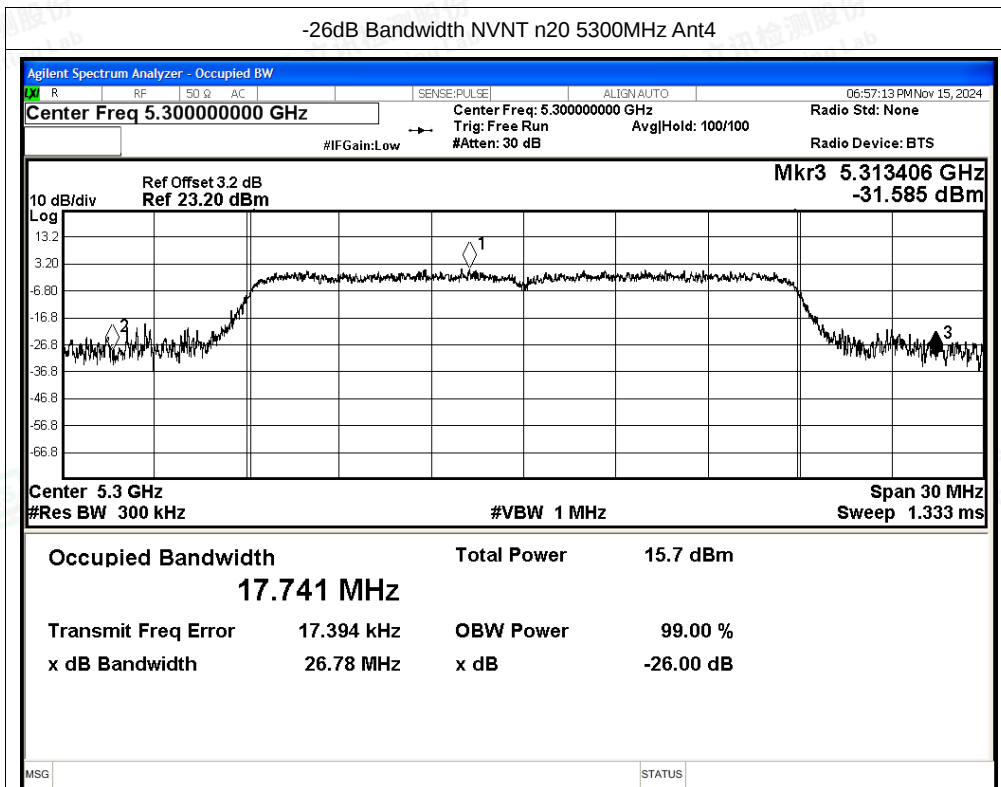


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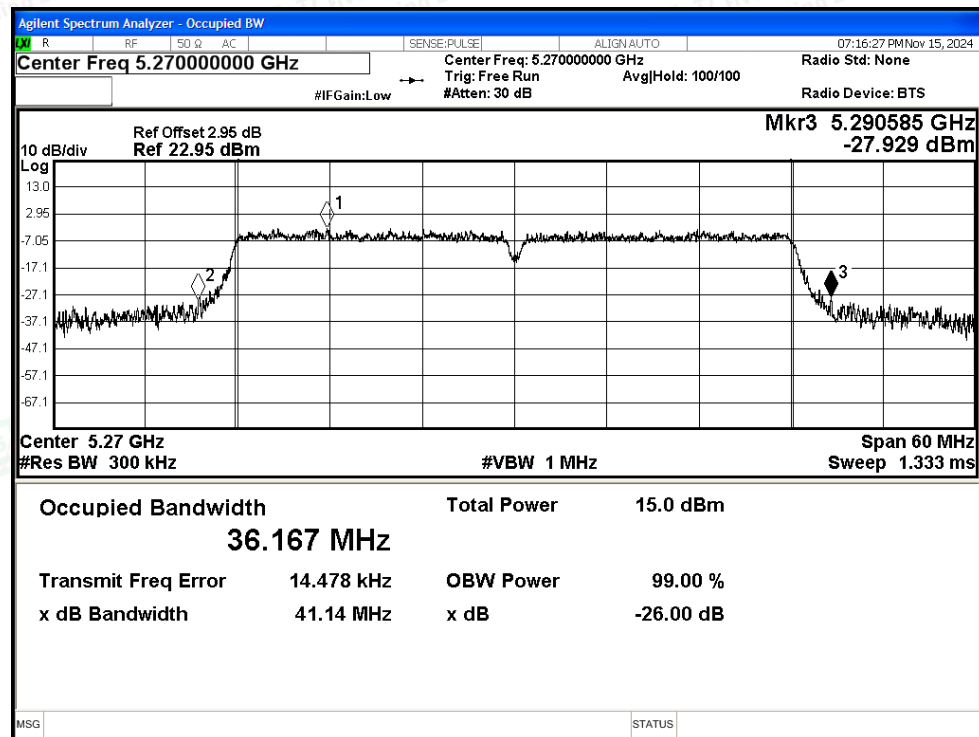
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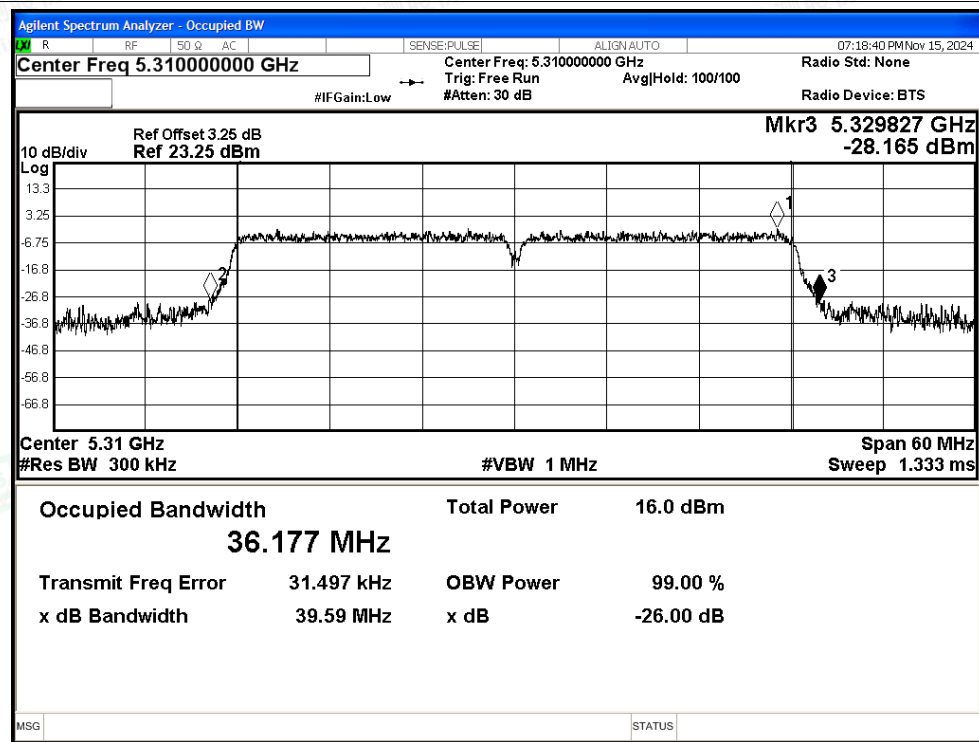




-26dB Bandwidth NVNT n40 5270MHz Ant4

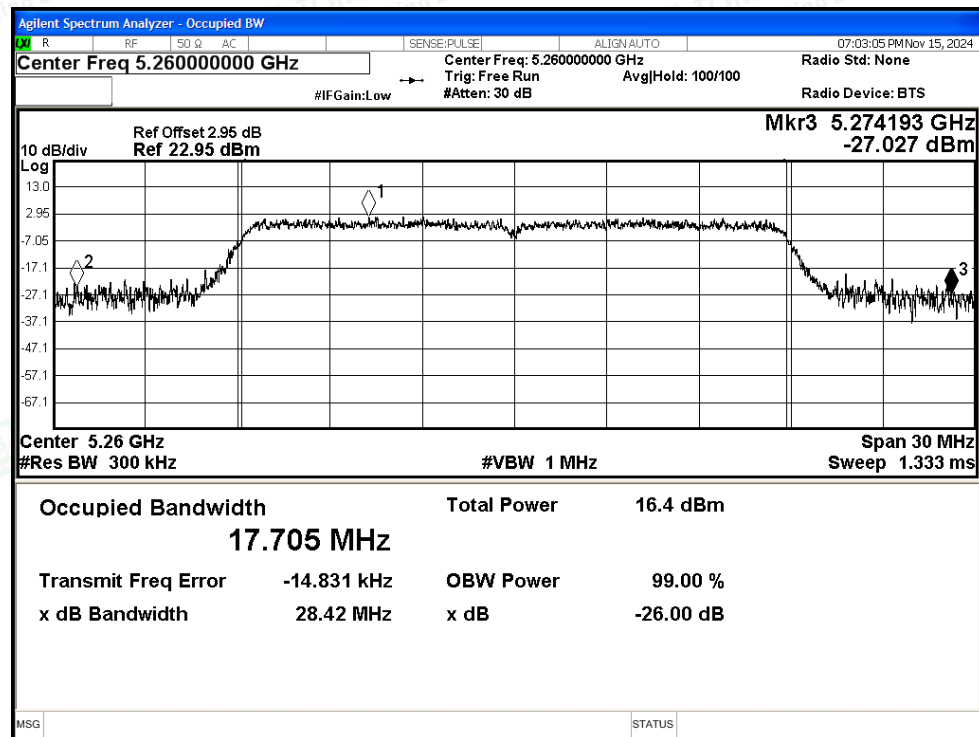


-26dB Bandwidth NVNT n40 5310MHz Ant4

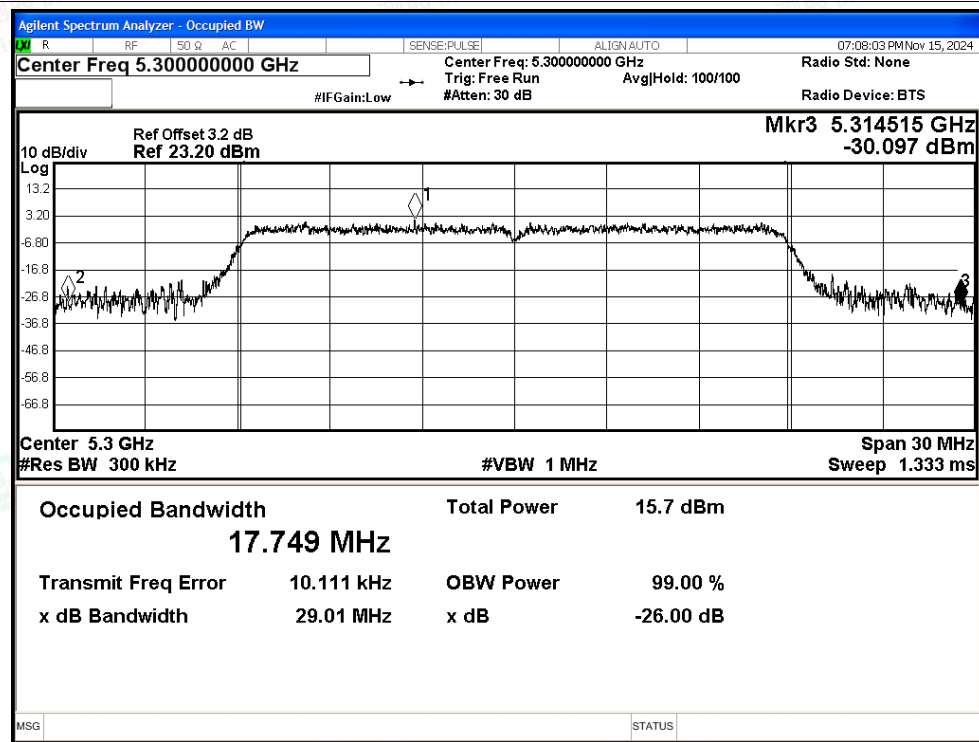




-26dB Bandwidth NVNT ac20 5260MHz Ant4

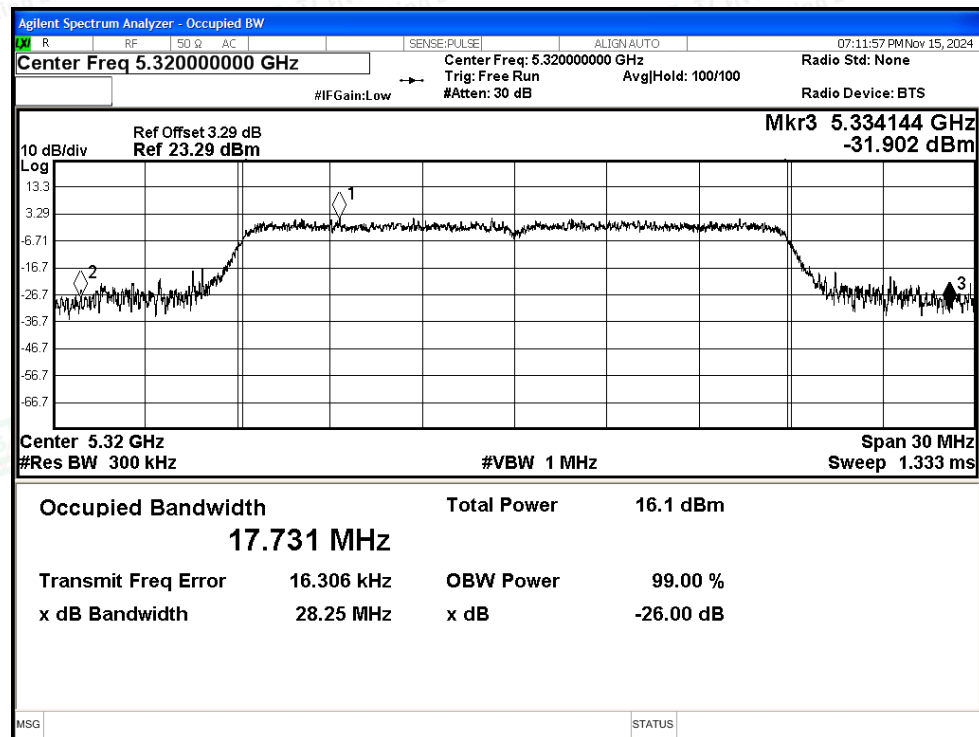


-26dB Bandwidth NVNT ac20 5300MHz Ant4

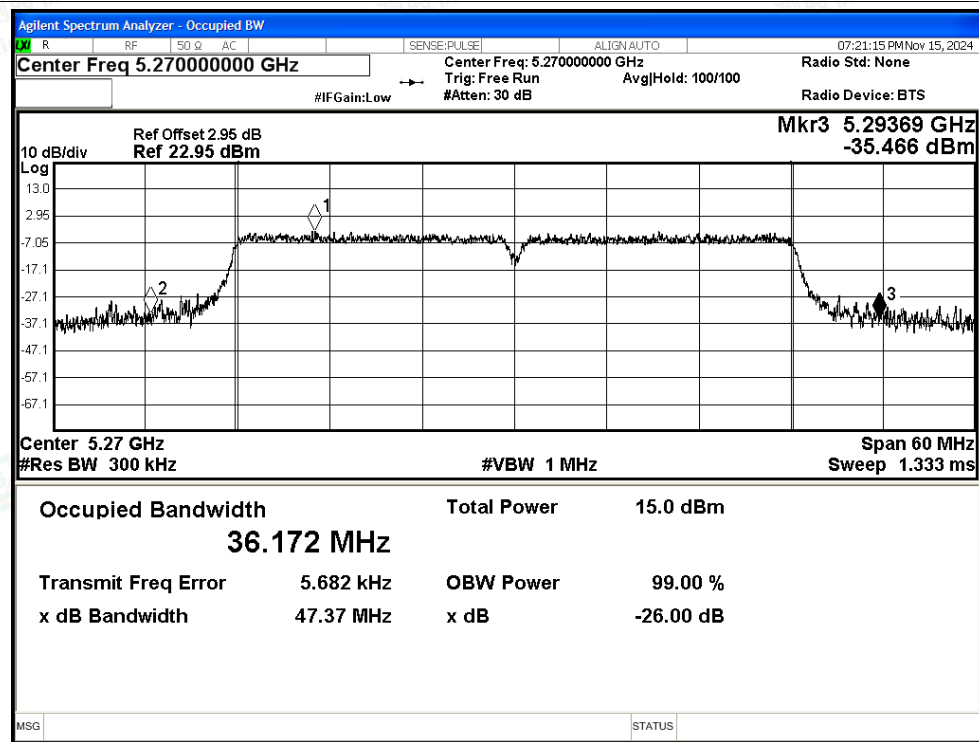




-26dB Bandwidth NVNT ac20 5320MHz Ant4

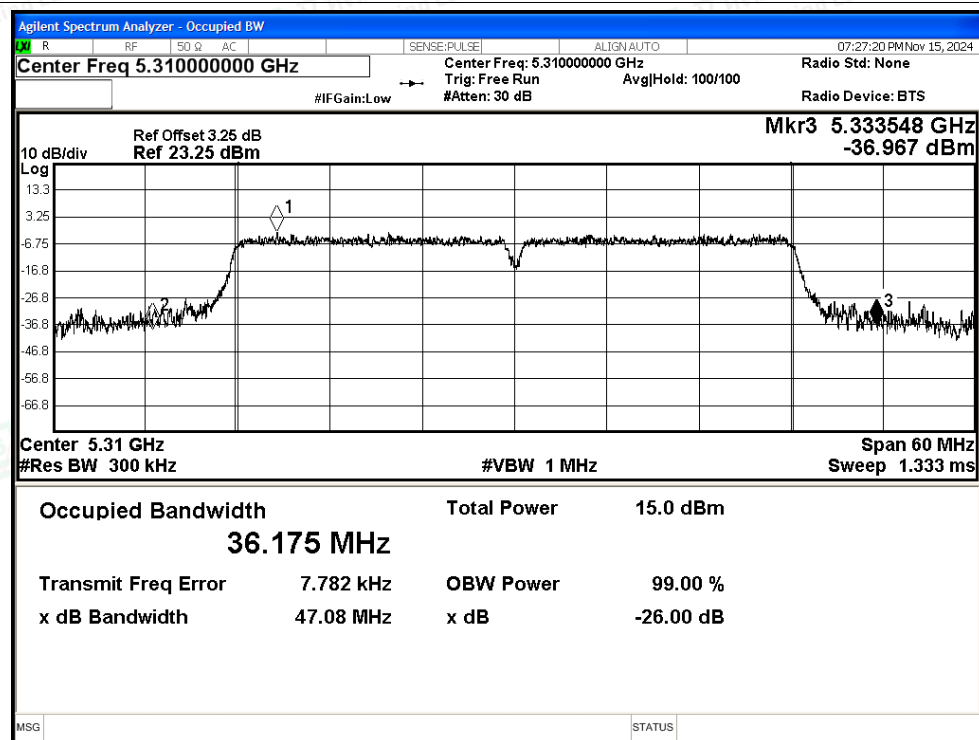


-26dB Bandwidth NVNT ac40 5270MHz Ant4

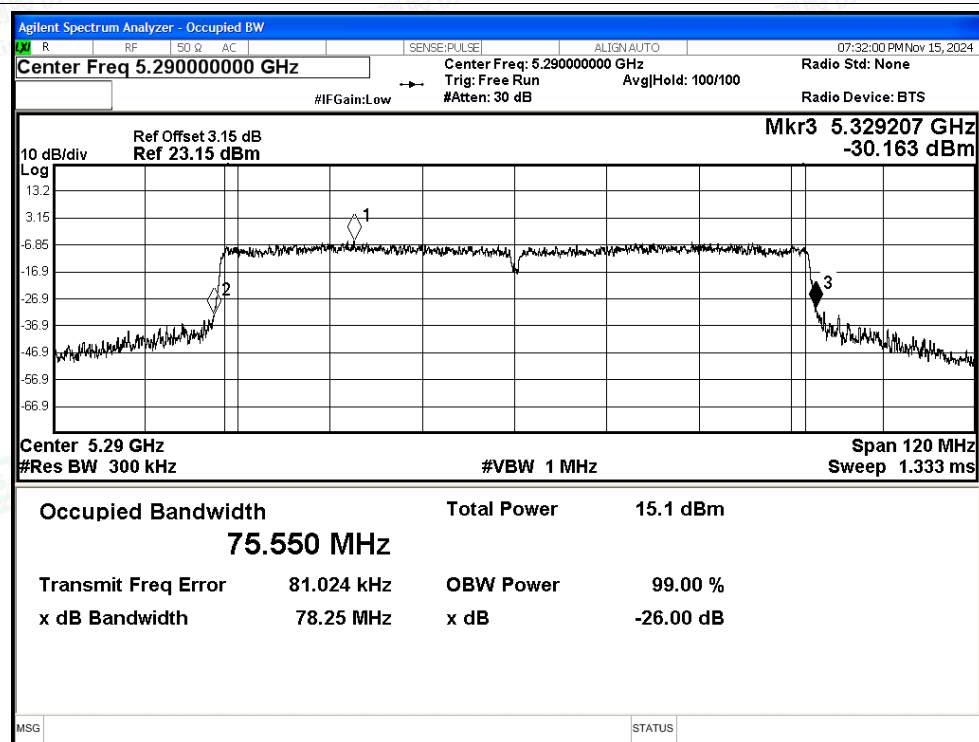




-26dB Bandwidth NVNT ac40 5310MHz Ant4



-26dB Bandwidth NVNT ac80 5290MHz Ant4



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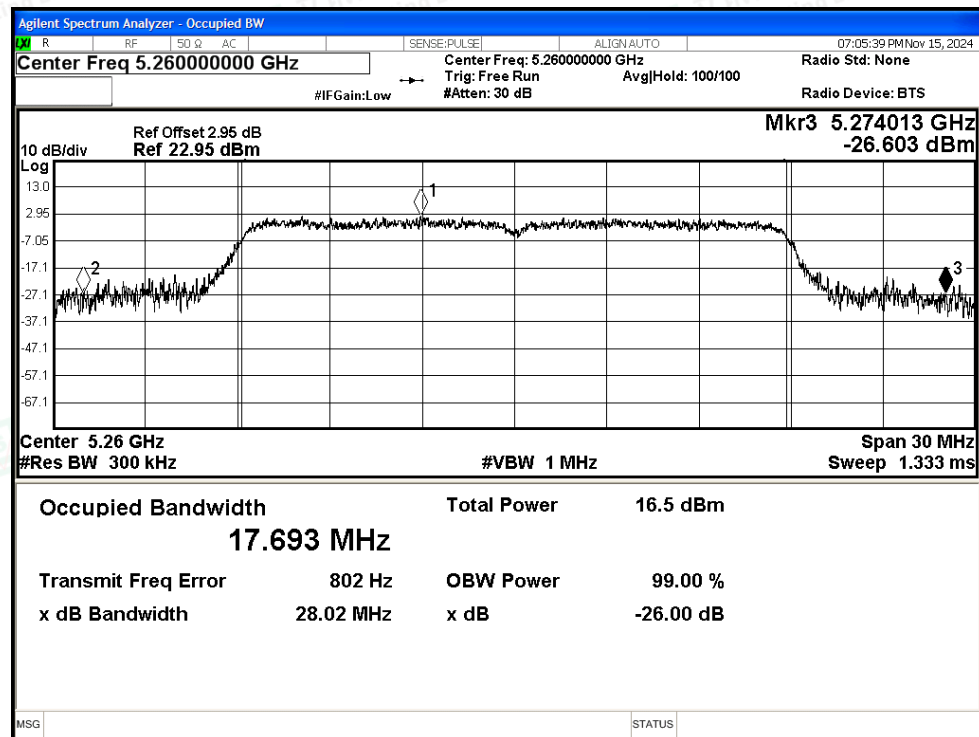
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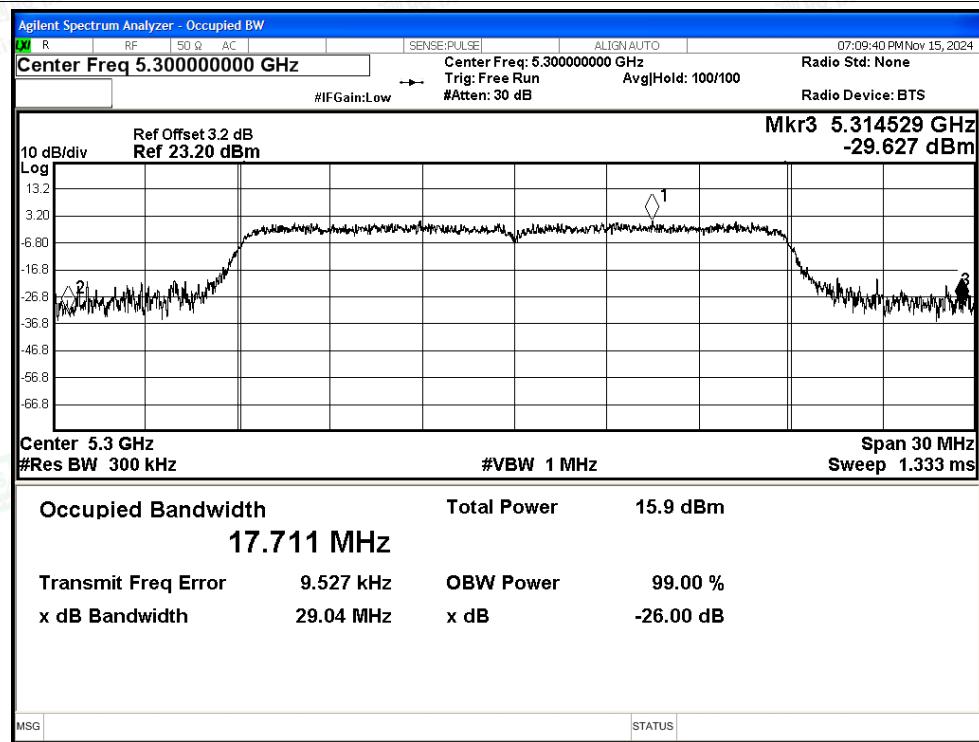
Scan code to check authenticity



-26dB Bandwidth NVNT ax20 5260MHz Ant4



-26dB Bandwidth NVNT ax20 5300MHz Ant4



Shenzhen LCS Compliance Testing Laboratory Ltd.

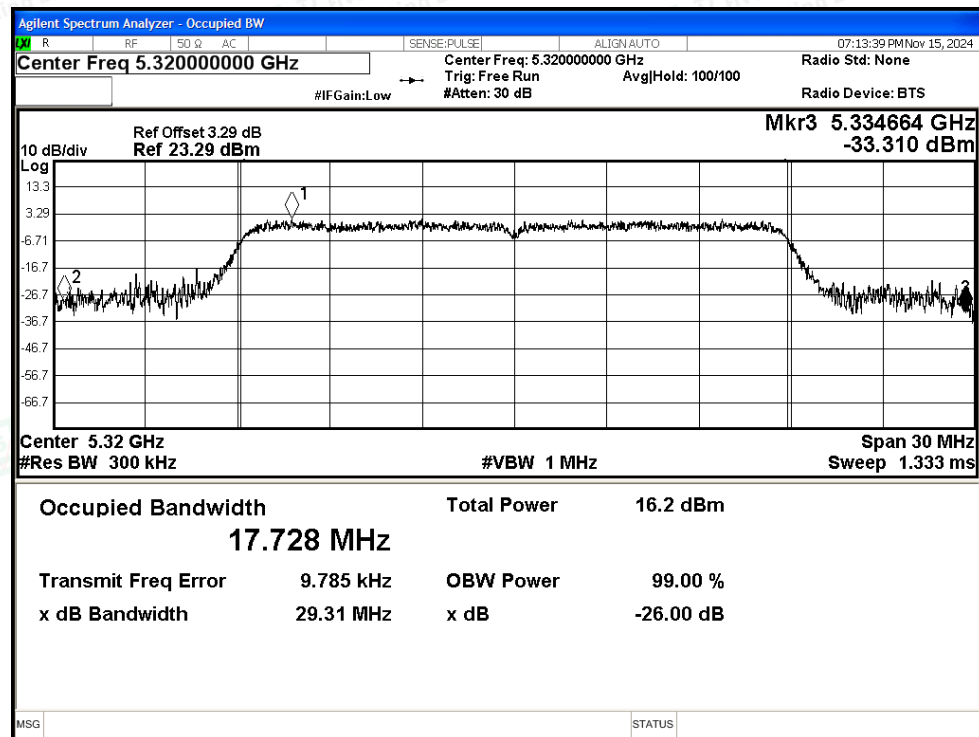
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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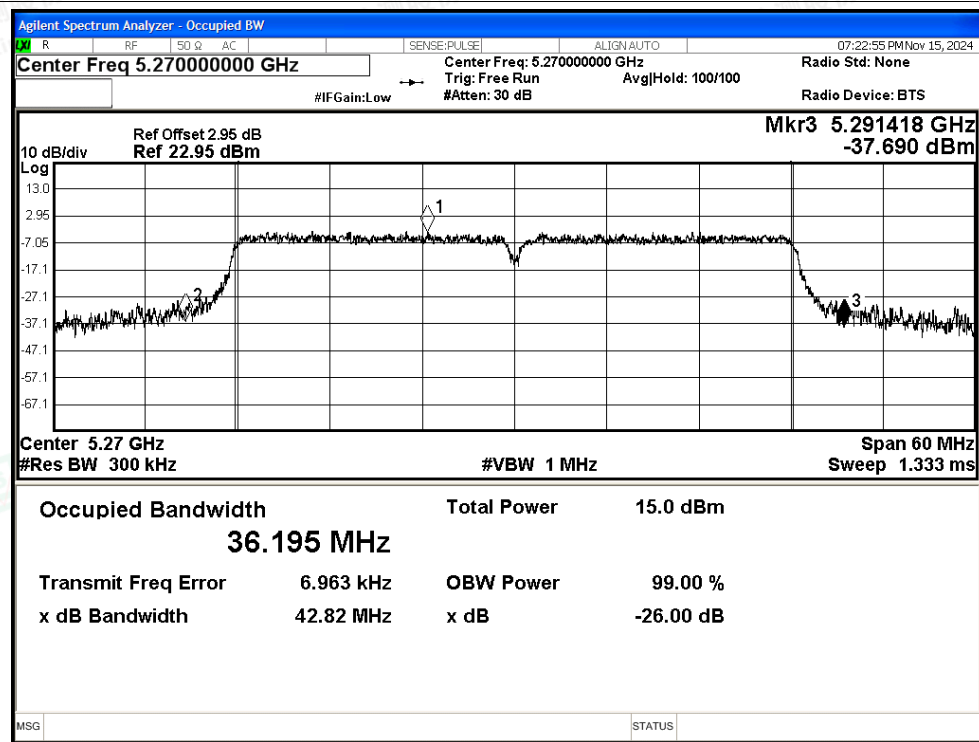
Scan code to check authenticity



-26dB Bandwidth NVNT ax20 5320MHz Ant4

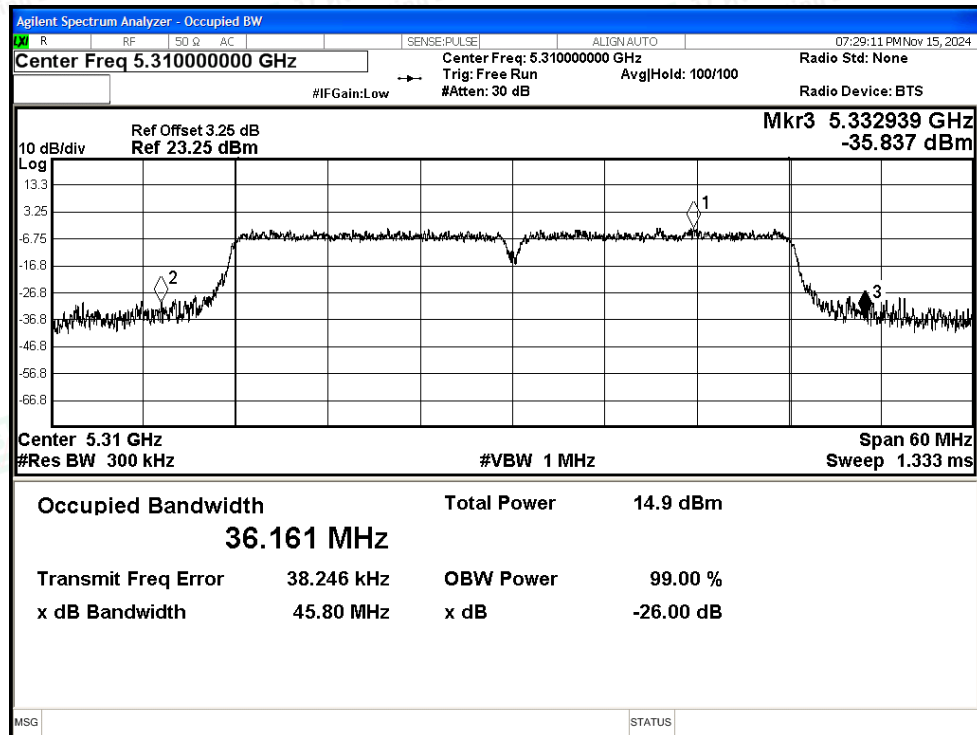


-26dB Bandwidth NVNT ax40 5270MHz Ant4

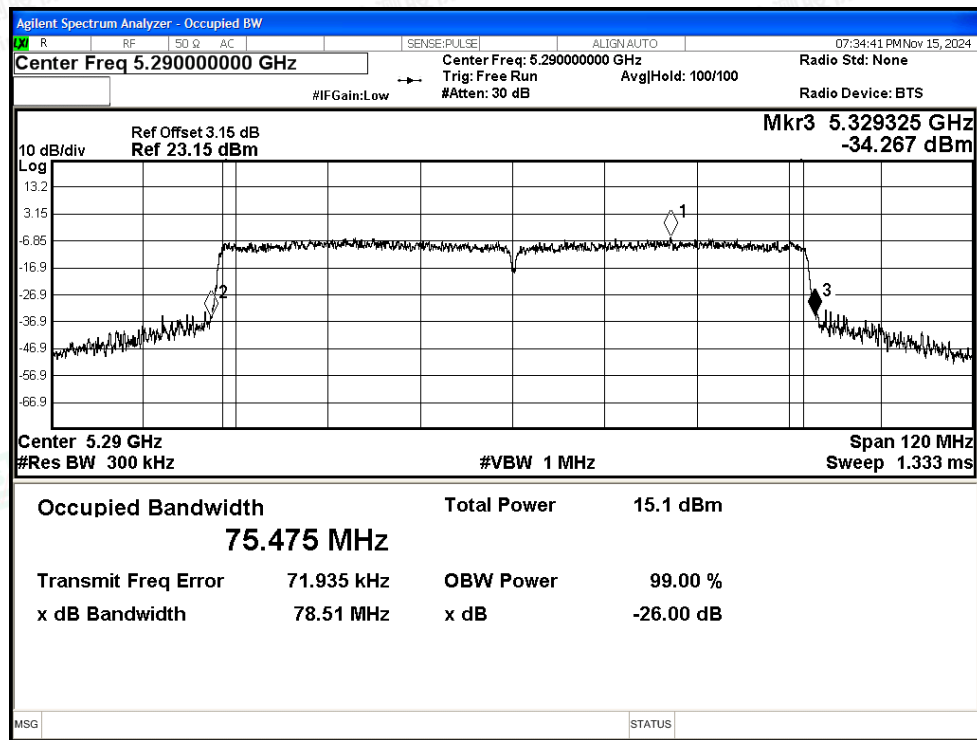




-26dB Bandwidth NVNT ax40 5310MHz Ant4

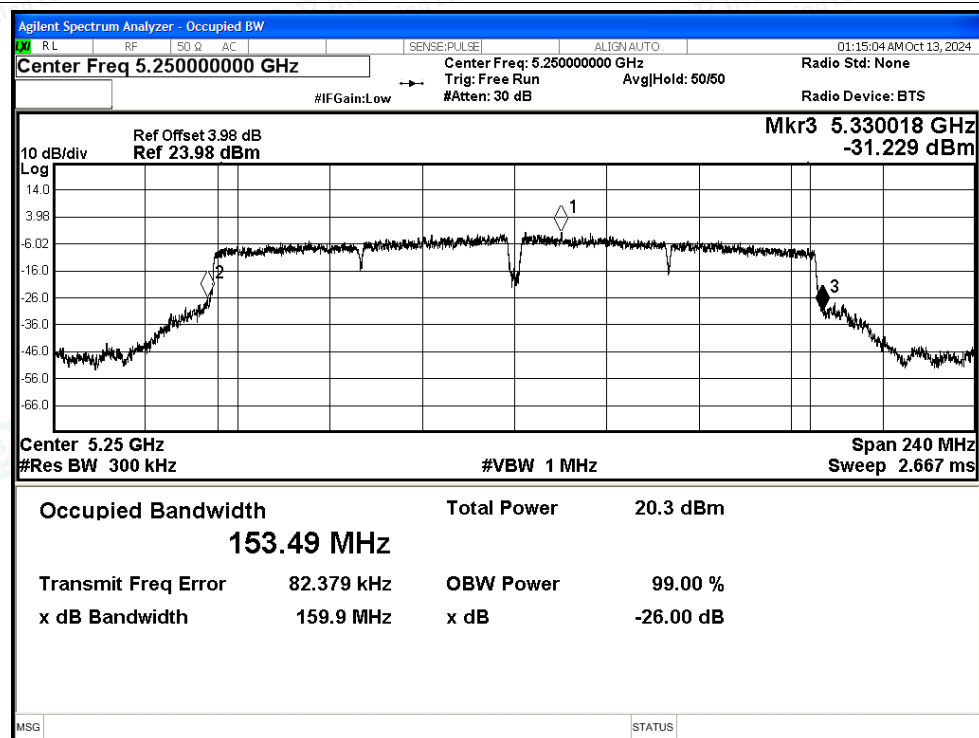


-26dB Bandwidth NVNT ax80 5290MHz Ant4

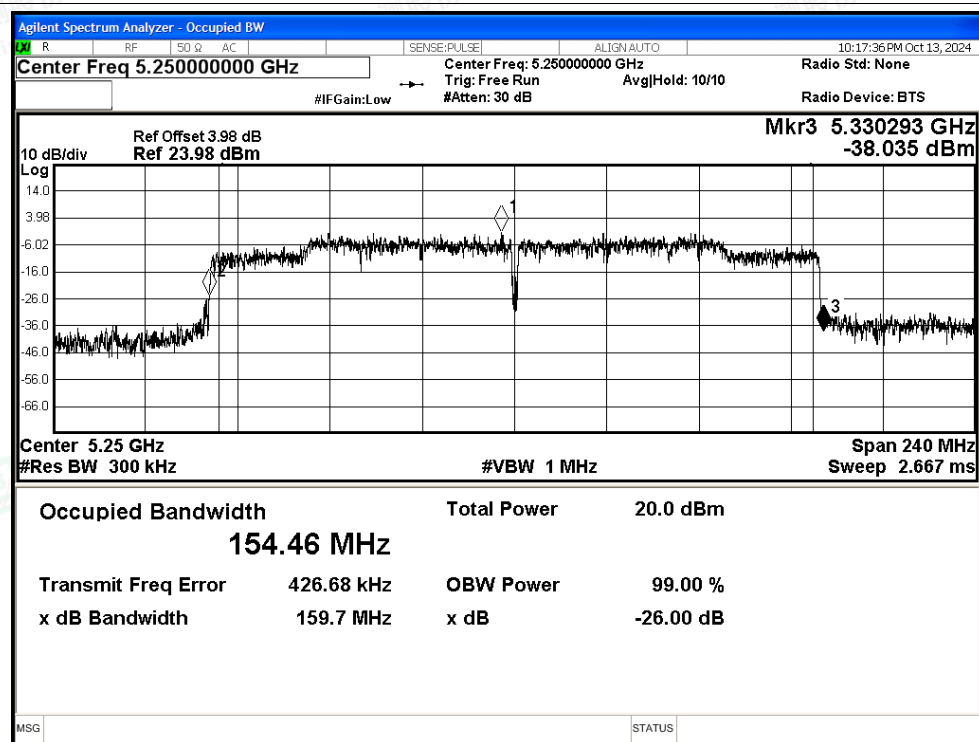




-26dB Bandwidth NVNT ac160 5250MHz Ant4



-26dB Bandwidth NVNT ax160 5250MHz Ant4



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C.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant3	12.79	0.24	13.03	24	Pass
NVNT	a	5300	Ant3	12.73	0.24	12.97	24	Pass
NVNT	a	5320	Ant3	12.73	0.24	12.97	24	Pass
NVNT	n20	5260	Ant3	11.65	0.12	11.77	24	Pass
NVNT	n20	5300	Ant3	11.37	0.12	11.49	24	Pass
NVNT	n20	5320	Ant3	11.16	0.12	11.28	24	Pass
NVNT	n40	5270	Ant3	10.8	0.12	10.92	24	Pass
NVNT	n40	5310	Ant3	9.98	0.12	10.1	24	Pass
NVNT	ac20	5260	Ant3	11.19	0.12	11.31	24	Pass
NVNT	ac20	5300	Ant3	11.79	0.12	11.91	24	Pass
NVNT	ac20	5320	Ant3	11.55	0.12	11.67	24	Pass
NVNT	ac40	5270	Ant3	10.82	0.12	10.94	24	Pass
NVNT	ac40	5310	Ant3	11.64	0.12	11.76	24	Pass
NVNT	ac80	5290	Ant3	9.75	0.25	10	24	Pass
NVNT	ax20	5260	Ant3	11.87	0.12	11.99	24	Pass
NVNT	ax20	5300	Ant3	11.38	0.12	11.5	24	Pass
NVNT	ax20	5320	Ant3	11.68	0.12	11.8	24	Pass
NVNT	ax40	5270	Ant3	10.7	0.12	10.82	24	Pass
NVNT	ax40	5310	Ant3	10.39	0.12	10.51	24	Pass
NVNT	ax80	5290	Ant3	9.94	0.25	10.19	24	Pass
NVNT	ac160	5250	Ant3	14.29	0.25	14.54	24	Pass
NVNT	ax160	5250	Ant3	14.65	0.62	15.27	24	Pass





Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant4	11.56	0.24	11.8	24	Pass
NVNT	a	5300	Ant4	10.9	0.24	11.14	24	Pass
NVNT	a	5320	Ant4	11.28	0.24	11.52	24	Pass
NVNT	n20	5260	Ant4	10.79	0.12	10.91	24	Pass
NVNT	n20	5300	Ant4	10.22	0.12	10.34	24	Pass
NVNT	n20	5320	Ant4	10.62	0.12	10.74	24	Pass
NVNT	n40	5270	Ant4	9.58	0.12	9.7	24	Pass
NVNT	n40	5310	Ant4	10.48	0.12	10.6	24	Pass
NVNT	ac20	5260	Ant4	10.81	0.12	10.93	24	Pass
NVNT	ac20	5300	Ant4	10.29	0.12	10.41	24	Pass
NVNT	ac20	5320	Ant4	10.64	0.12	10.76	24	Pass
NVNT	ac40	5270	Ant4	9.57	0.12	9.69	24	Pass
NVNT	ac40	5310	Ant4	9.4	0.12	9.52	24	Pass
NVNT	ac80	5290	Ant4	8.95	0.25	9.2	24	Pass
NVNT	ax20	5260	Ant4	10.99	0.12	11.11	24	Pass
NVNT	ax20	5300	Ant4	10.34	0.12	10.46	24	Pass
NVNT	ax20	5320	Ant4	10.65	0.12	10.77	24	Pass
NVNT	ax40	5270	Ant4	9.58	0.12	9.7	24	Pass
NVNT	ax40	5310	Ant4	9.37	0.12	9.49	24	Pass
NVNT	ax80	5290	Ant4	9.02	0.25	9.27	24	Pass
NVNT	ac160	5250	Ant4	14.25	0.24	14.49	24	Pass
NVNT	ax160	5250	Ant4	14.62	0.63	15.25	24	Pass



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MIMO

Condition	Mode	Frequency (MHz)	Antenna		Total Power (dBm)	Limit (dBm)	Verdict
			Ant3	Ant4			
NVNT	n20	5260	11.77	10.91	14.37	24	Pass
NVNT	n20	5300	11.49	10.34	13.96	24	Pass
NVNT	n20	5320	11.28	10.74	14.03	24	Pass
NVNT	n40	5270	10.92	9.7	13.36	24	Pass
NVNT	n40	5310	10.1	10.6	13.37	24	Pass
NVNT	ac20	5260	11.31	10.93	14.13	24	Pass
NVNT	ac20	5300	11.91	10.41	14.23	24	Pass
NVNT	ac20	5320	11.67	10.76	14.25	24	Pass
NVNT	ac40	5270	10.94	9.69	13.37	24	Pass
NVNT	ac40	5310	11.76	9.52	13.79	24	Pass
NVNT	ac80	5290	10	9.2	12.63	24	Pass
NVNT	ax20	5260	11.99	11.11	14.58	24	Pass
NVNT	ax20	5300	11.5	10.46	14.02	24	Pass
NVNT	ax20	5320	11.8	10.77	14.33	24	Pass
NVNT	ax40	5270	10.82	9.7	13.31	24	Pass
NVNT	ax40	5310	10.51	9.49	13.04	24	Pass
NVNT	ax80	5290	10.19	9.27	12.76	24	Pass
NVNT	ac160	5250	14.54	14.49	17.53	24	Pass
NVNT	ax160	5250	15.27	15.25	18.27	24	Pass



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C.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	5260	Ant3	2.57	0.24	2.81	11	Pass
NVNT	a	5300	Ant3	2.15	0.24	2.39	11	Pass
NVNT	a	5320	Ant3	2.08	0.24	2.32	11	Pass
NVNT	n20	5260	Ant3	0.71	0.12	0.83	11	Pass
NVNT	n20	5300	Ant3	0.41	0.12	0.53	11	Pass
NVNT	n20	5320	Ant3	0.28	0.12	0.4	11	Pass
NVNT	n40	5270	Ant3	-2.71	0.12	-2.59	11	Pass
NVNT	n40	5310	Ant3	-3.22	0.12	-3.1	11	Pass
NVNT	ac20	5260	Ant3	0.5	0.12	0.62	11	Pass
NVNT	ac20	5300	Ant3	1.06	0.12	1.18	11	Pass
NVNT	ac20	5320	Ant3	1.01	0.12	1.13	11	Pass
NVNT	ac40	5270	Ant3	-2.96	0.12	-2.84	11	Pass
NVNT	ac40	5310	Ant3	-2.43	0.12	-2.31	11	Pass
NVNT	ac80	5290	Ant3	-6.55	0.25	-6.3	11	Pass
NVNT	ax20	5260	Ant3	0.95	0.12	1.07	11	Pass
NVNT	ax20	5300	Ant3	0.63	0.12	0.75	11	Pass
NVNT	ax20	5320	Ant3	0.97	0.12	1.09	11	Pass
NVNT	ax40	5270	Ant3	-3.17	0.12	-3.05	11	Pass
NVNT	ax40	5310	Ant3	-3.51	0.12	-3.39	11	Pass
NVNT	ax80	5290	Ant3	-6.68	0.25	-6.43	11	Pass
NVNT	ac160	5250	Ant3	-4.49	0.25	-4.24	11	Pass
NVNT	ax160	5250	Ant3	-4.78	0.62	-4.16	11	Pass





Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5260	Ant4	0.86	0.24	1.1	11	Pass
NVNT	a	5300	Ant4	0.52	0.24	0.76	11	Pass
NVNT	a	5320	Ant4	0.68	0.24	0.92	11	Pass
NVNT	n20	5260	Ant4	-0.02	0.12	0.1	11	Pass
NVNT	n20	5300	Ant4	-0.54	0.12	-0.42	11	Pass
NVNT	n20	5320	Ant4	-0.34	0.12	-0.22	11	Pass
NVNT	n40	5270	Ant4	-4.34	0.12	-4.22	11	Pass
NVNT	n40	5310	Ant4	-3.58	0.12	-3.46	11	Pass
NVNT	ac20	5260	Ant4	0.34	0.12	0.46	11	Pass
NVNT	ac20	5300	Ant4	-0.34	0.12	-0.22	11	Pass
NVNT	ac20	5320	Ant4	-0.27	0.12	-0.15	11	Pass
NVNT	ac40	5270	Ant4	-4.44	0.12	-4.32	11	Pass
NVNT	ac40	5310	Ant4	-4.42	0.12	-4.3	11	Pass
NVNT	ac80	5290	Ant4	-7.94	0.25	-7.69	11	Pass
NVNT	ax20	5260	Ant4	0.19	0.12	0.31	11	Pass
NVNT	ax20	5300	Ant4	-0.55	0.12	-0.43	11	Pass
NVNT	ax20	5320	Ant4	-0.21	0.12	-0.09	11	Pass
NVNT	ax40	5270	Ant4	-4.37	0.12	-4.25	11	Pass
NVNT	ax40	5310	Ant4	-4.67	0.12	-4.55	11	Pass
NVNT	ax80	5290	Ant4	-7.56	0.25	-7.31	11	Pass
NVNT	ac160	5250	Ant4	-4.12	0.24	-3.88	11	Pass
NVNT	ax160	5250	Ant4	-4.46	0.63	-3.83	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	5260	0.83	0.1	3.49	8.77	Pass
NVNT	n20	5300	0.53	-0.42	3.09	8.77	Pass
NVNT	n20	5320	0.4	-0.22	3.11	8.77	Pass
NVNT	n40	5270	-2.59	-4.22	-0.32	8.77	Pass
NVNT	n40	5310	-3.1	-3.46	-0.27	8.77	Pass
NVNT	ac20	5260	0.62	0.46	3.55	8.77	Pass
NVNT	ac20	5300	1.18	-0.22	3.55	8.77	Pass
NVNT	ac20	5320	1.13	-0.15	3.55	8.77	Pass
NVNT	ac40	5270	-2.84	-4.32	-0.51	8.77	Pass
NVNT	ac40	5310	-2.31	-4.3	-0.18	8.77	Pass
NVNT	ac80	5290	-6.3	-7.69	-3.93	8.77	Pass
NVNT	ax20	5260	1.07	0.31	3.72	8.77	Pass
NVNT	ax20	5300	0.75	-0.43	3.21	8.77	Pass
NVNT	ax20	5320	1.09	-0.09	3.55	8.77	Pass
NVNT	ax40	5270	-3.05	-4.25	-0.60	8.77	Pass
NVNT	ax40	5310	-3.39	-4.55	-0.92	8.77	Pass
NVNT	ax80	5290	-6.43	-7.31	-3.84	8.77	Pass
NVNT	ac160	5250	-4.24	-3.88	-1.05	8.77	Pass
NVNT	ax160	5250	-4.16	-3.83	-0.98	8.77	Pass

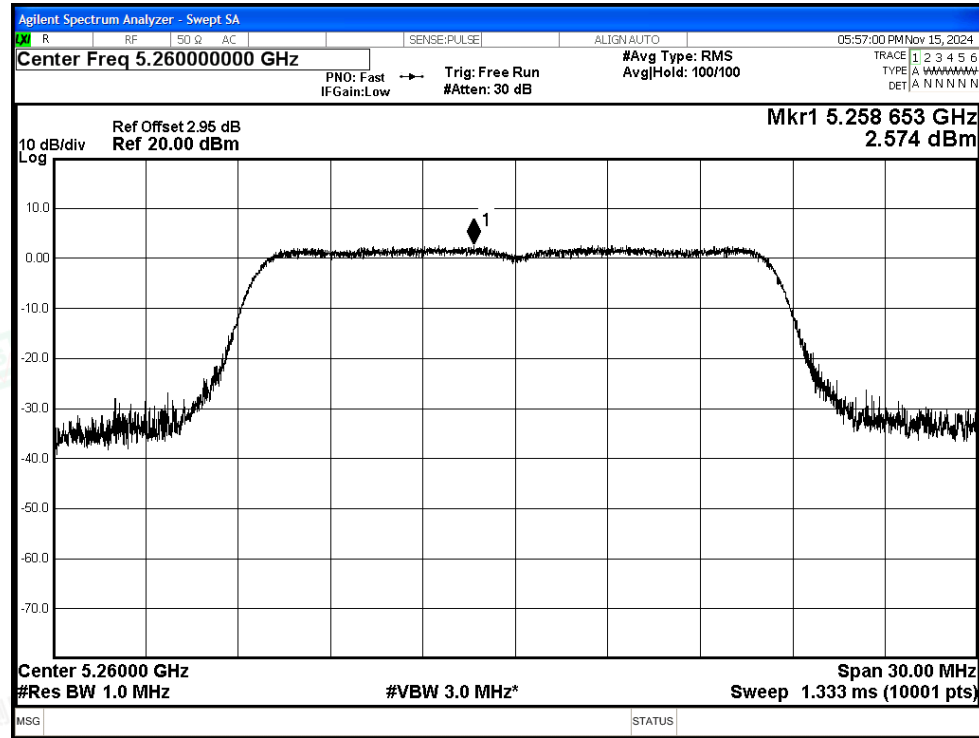


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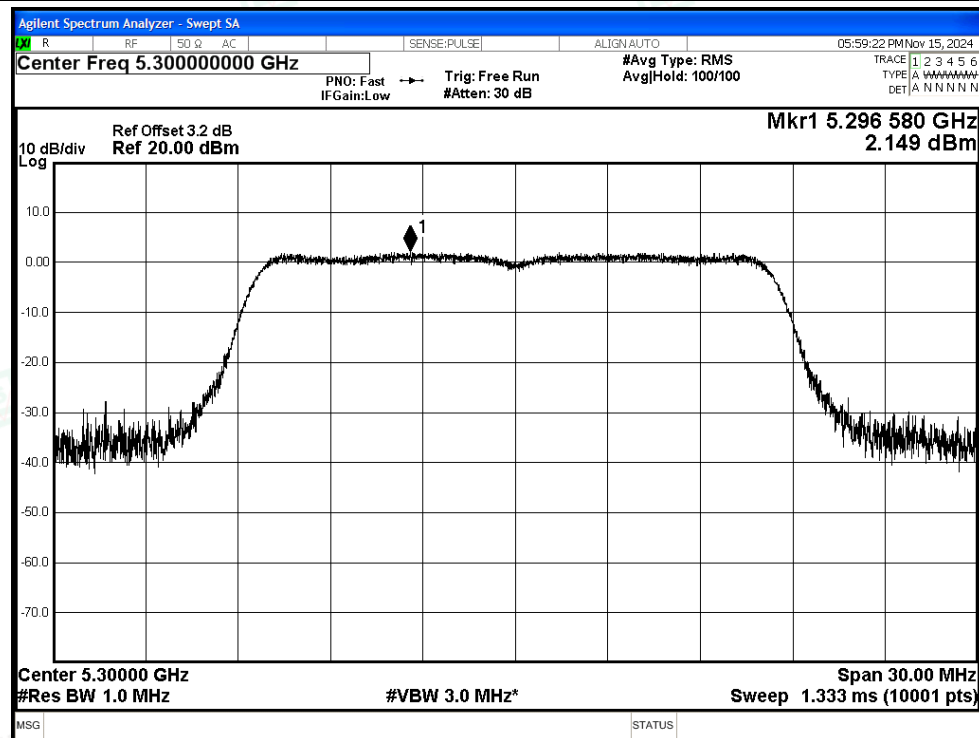


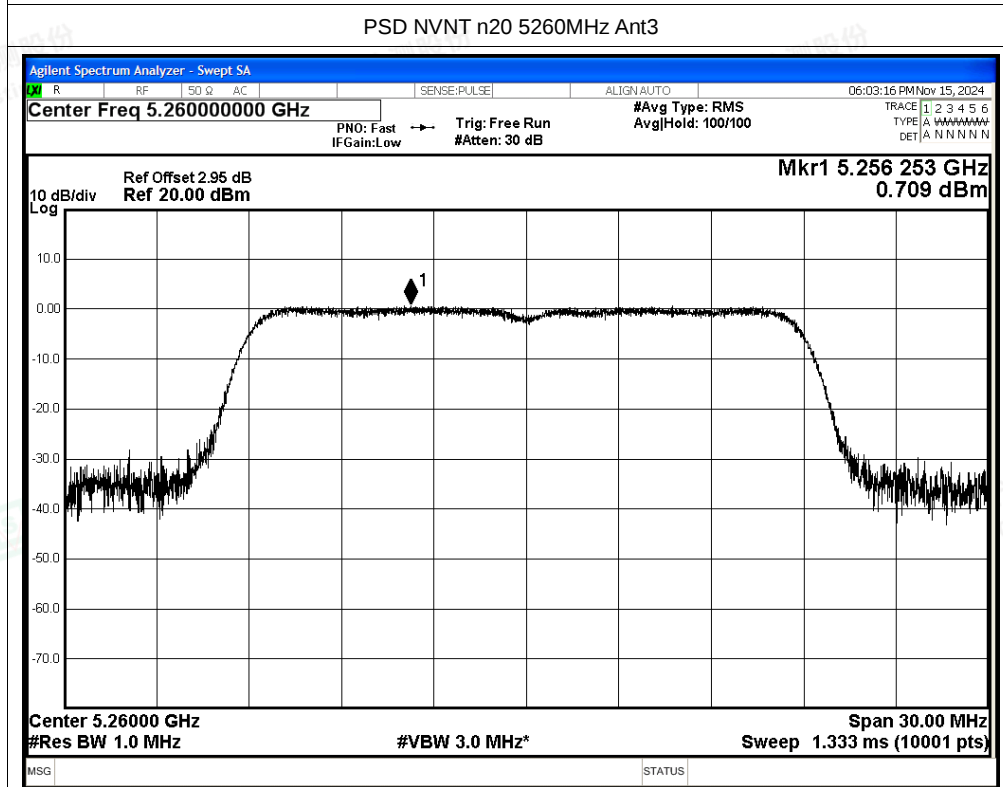
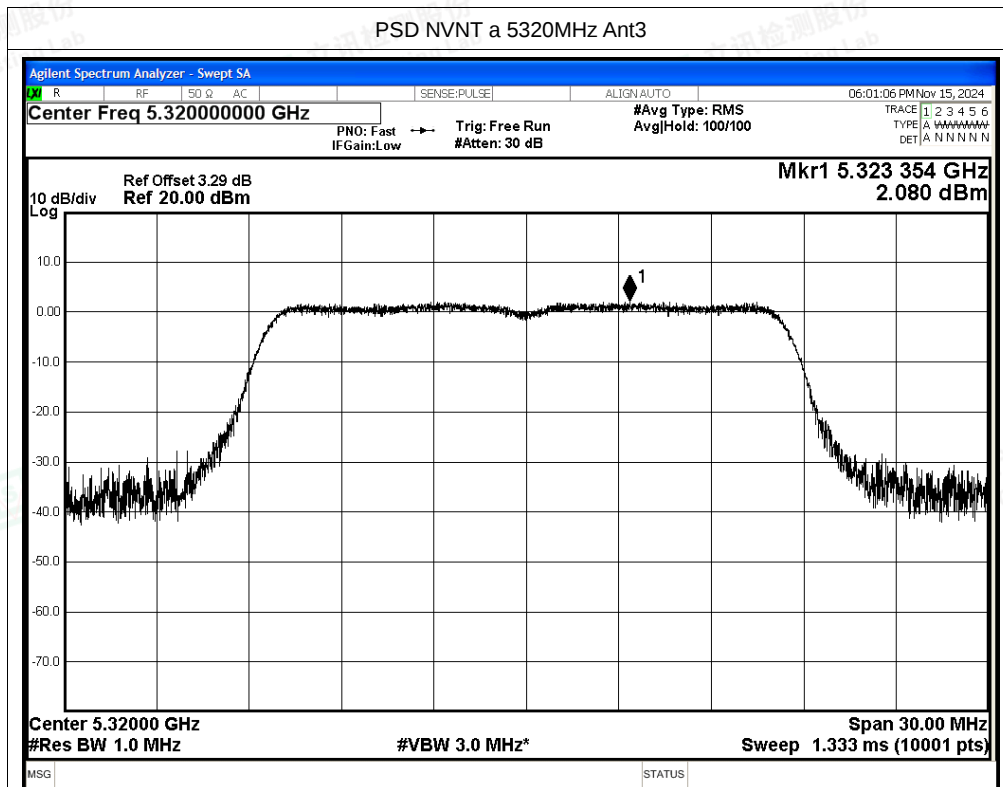
Test Graphs

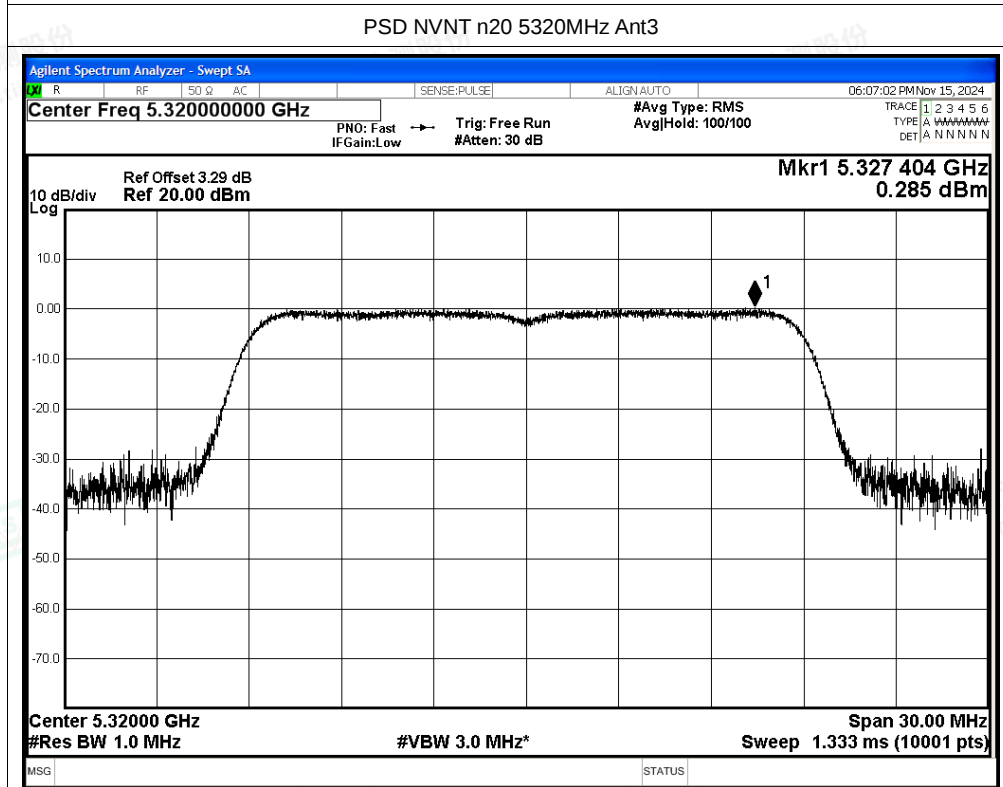
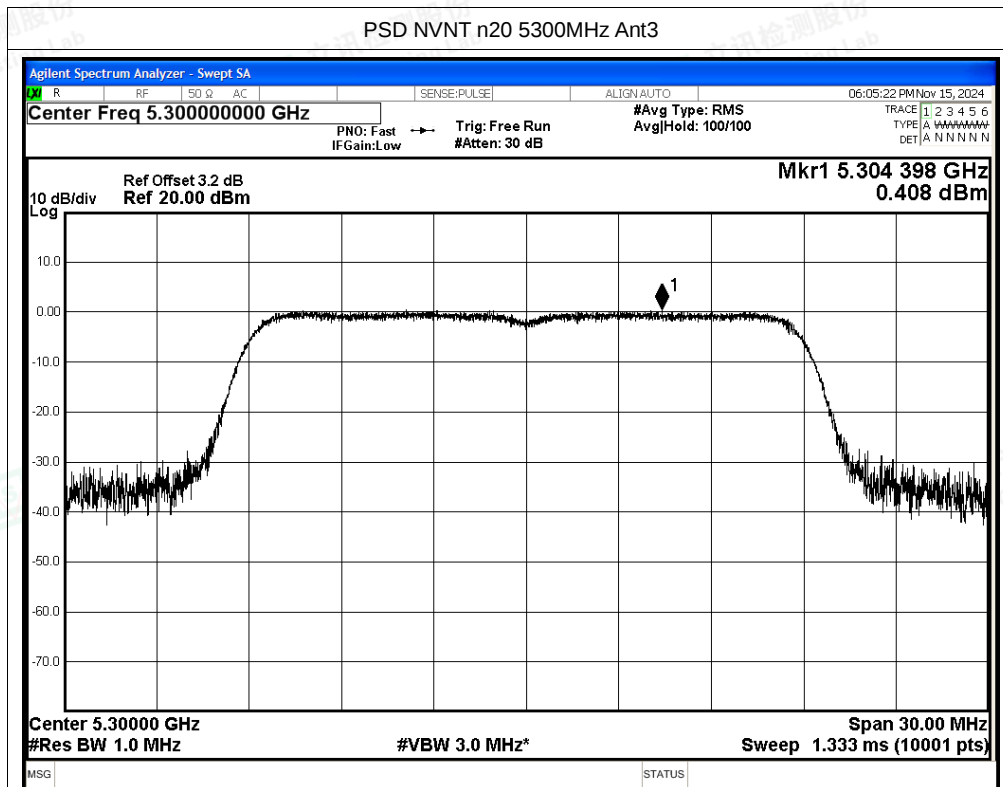
PSD NVNT a 5260MHz Ant3

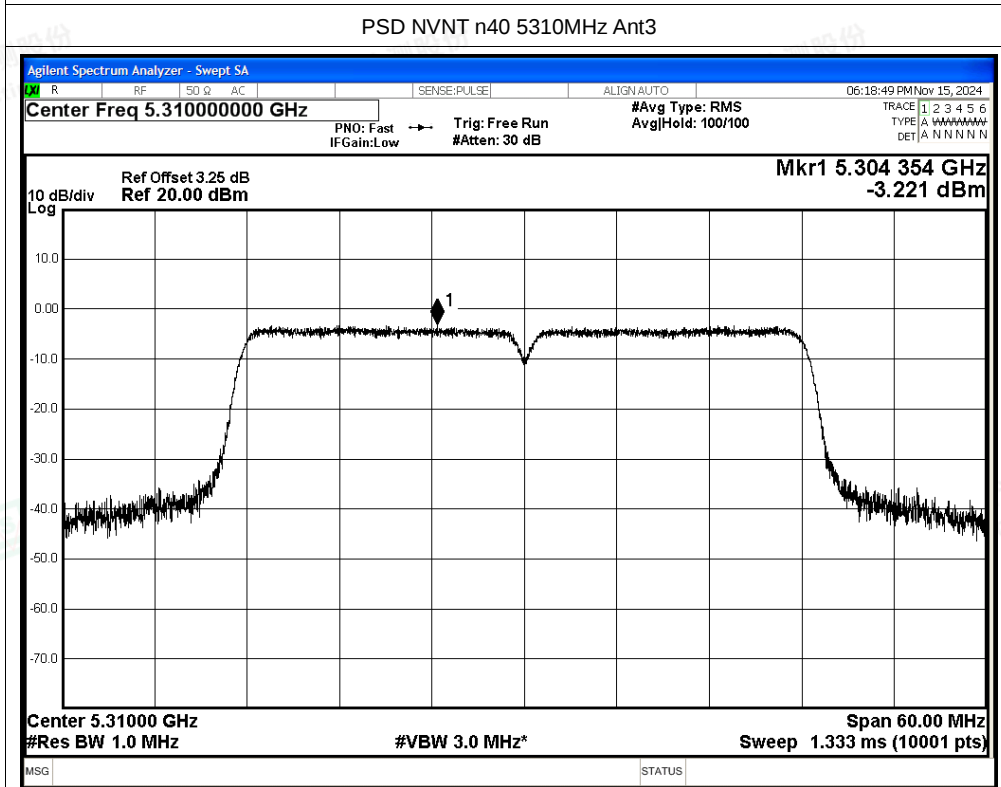
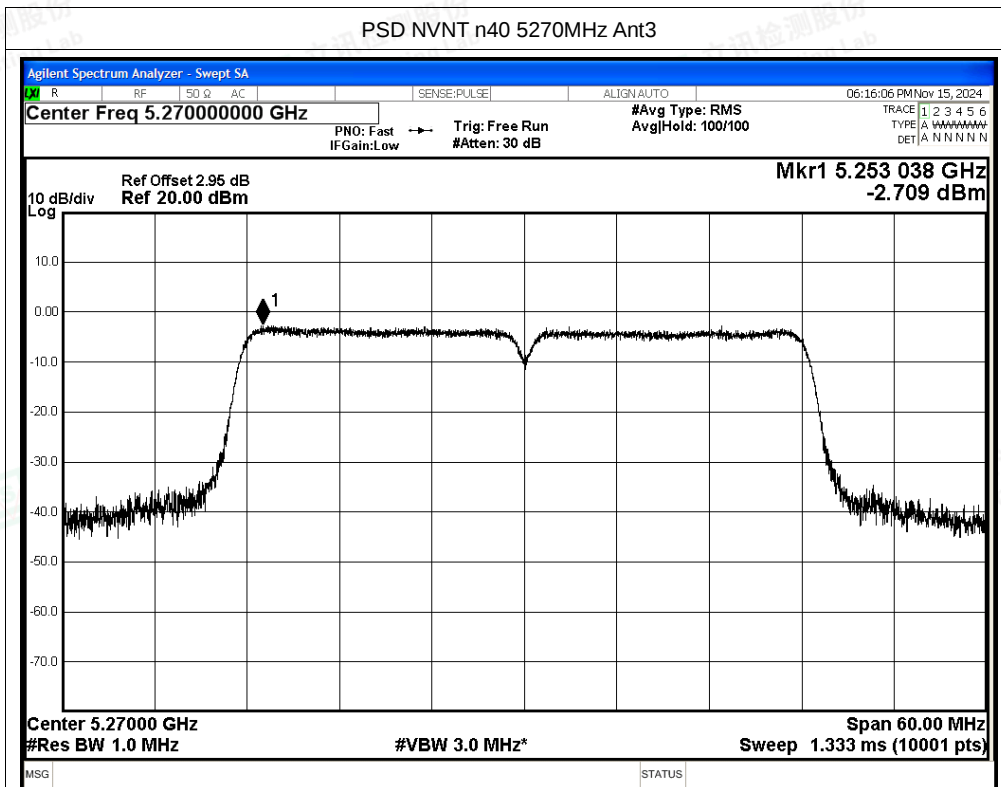


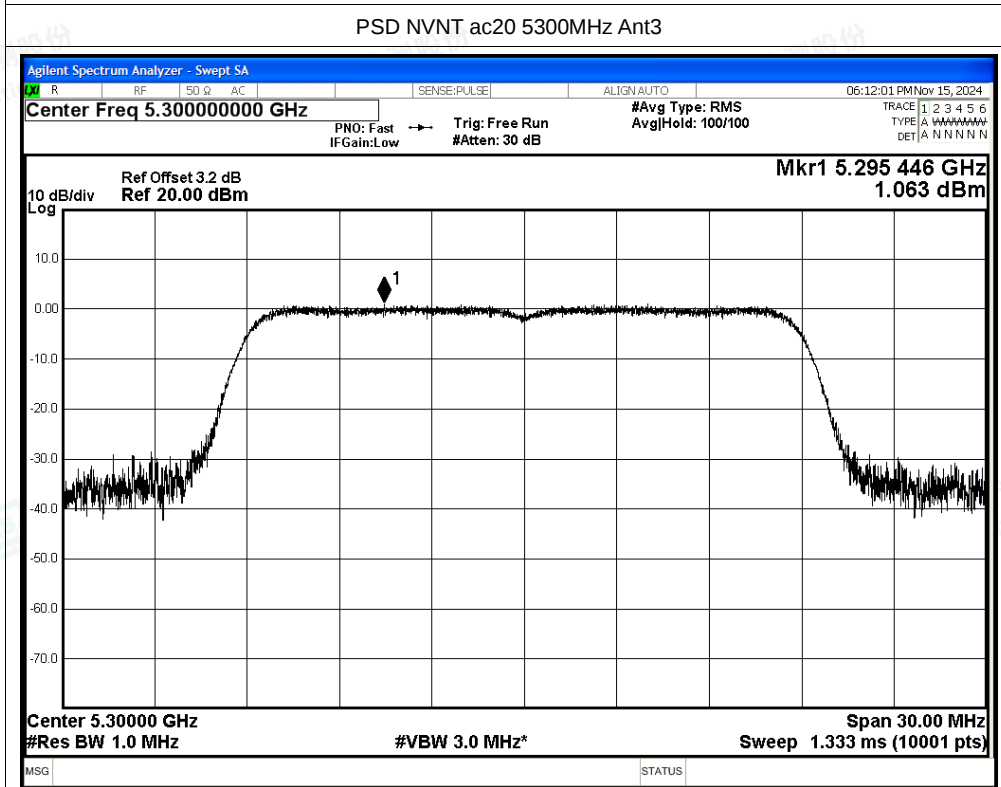
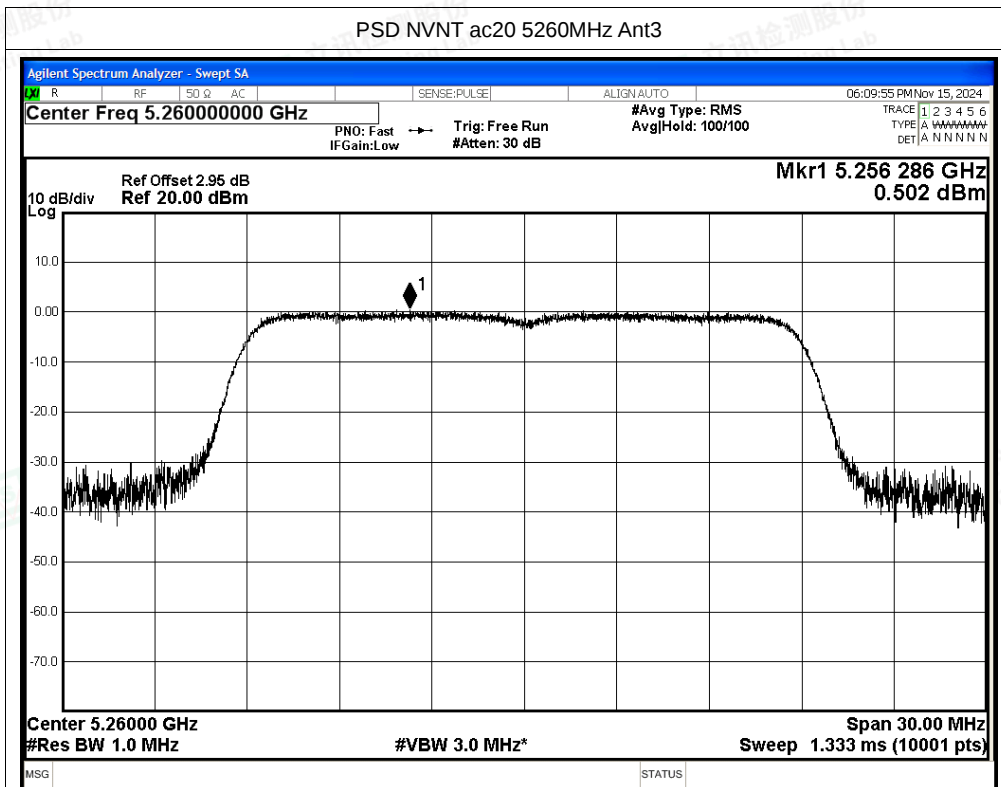
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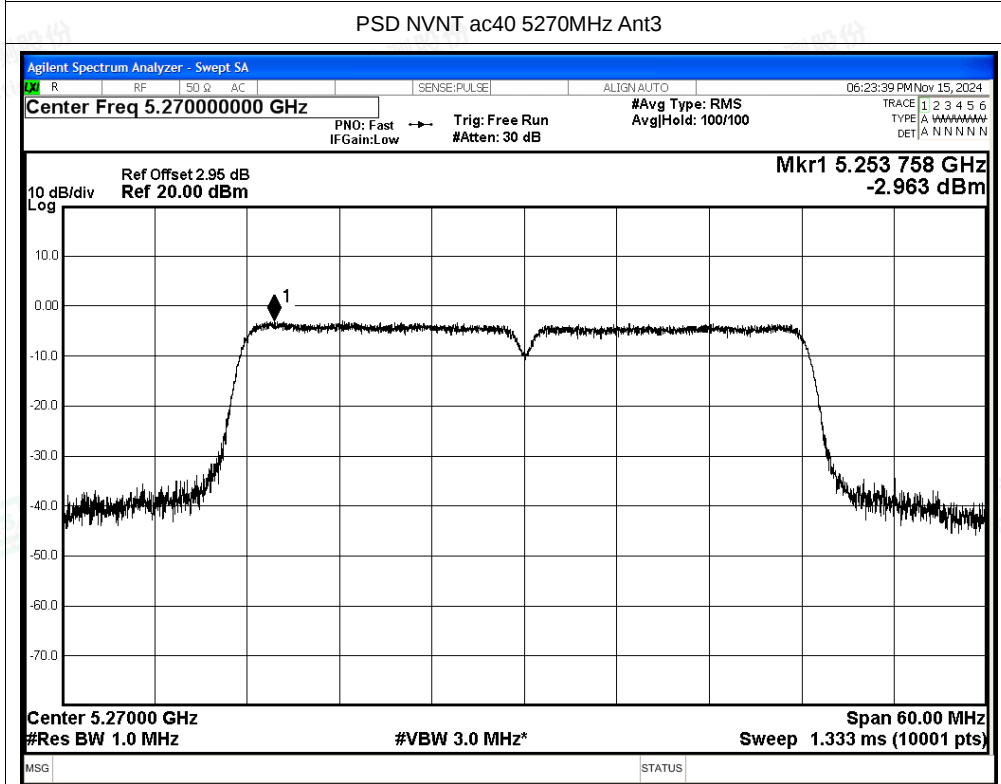
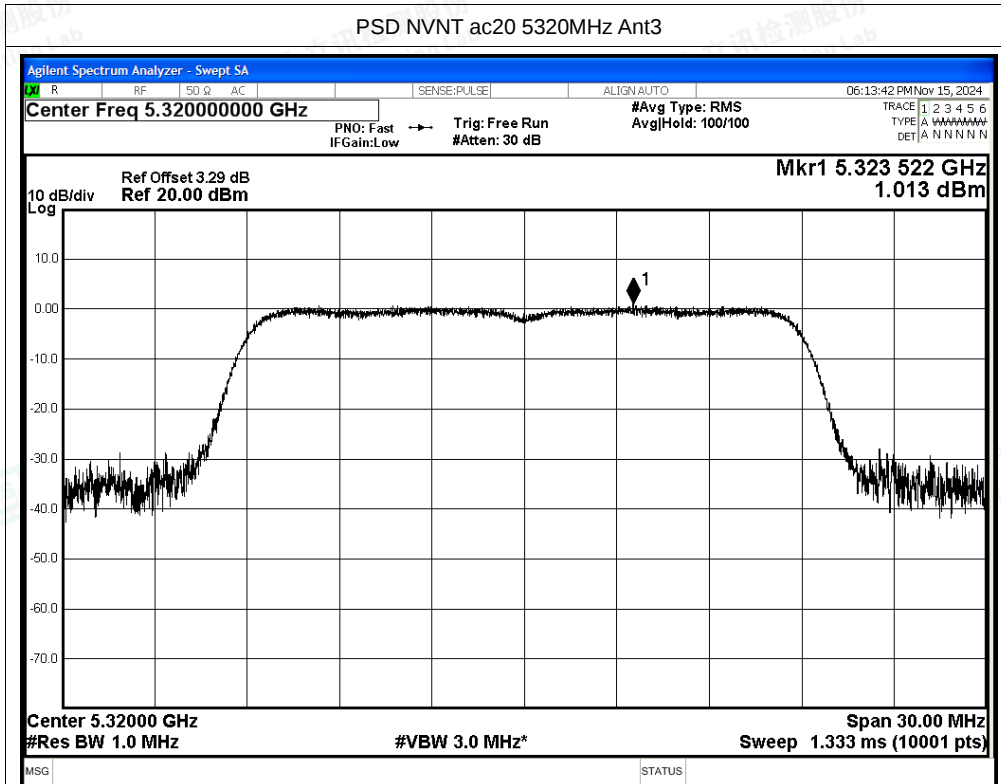


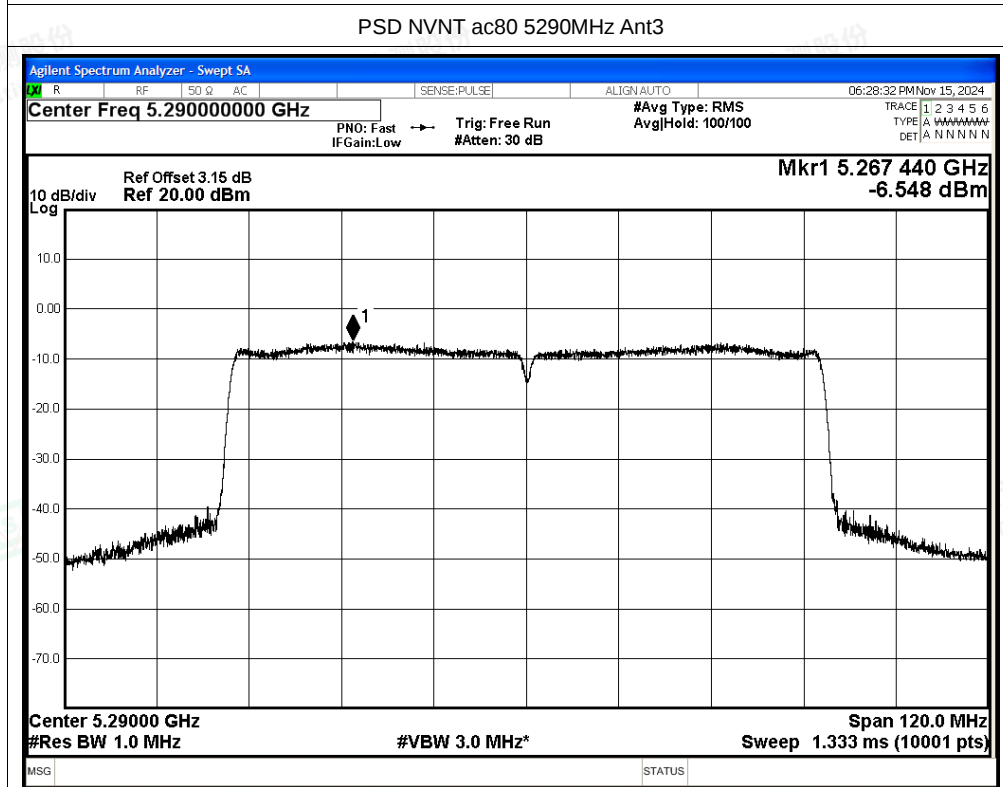
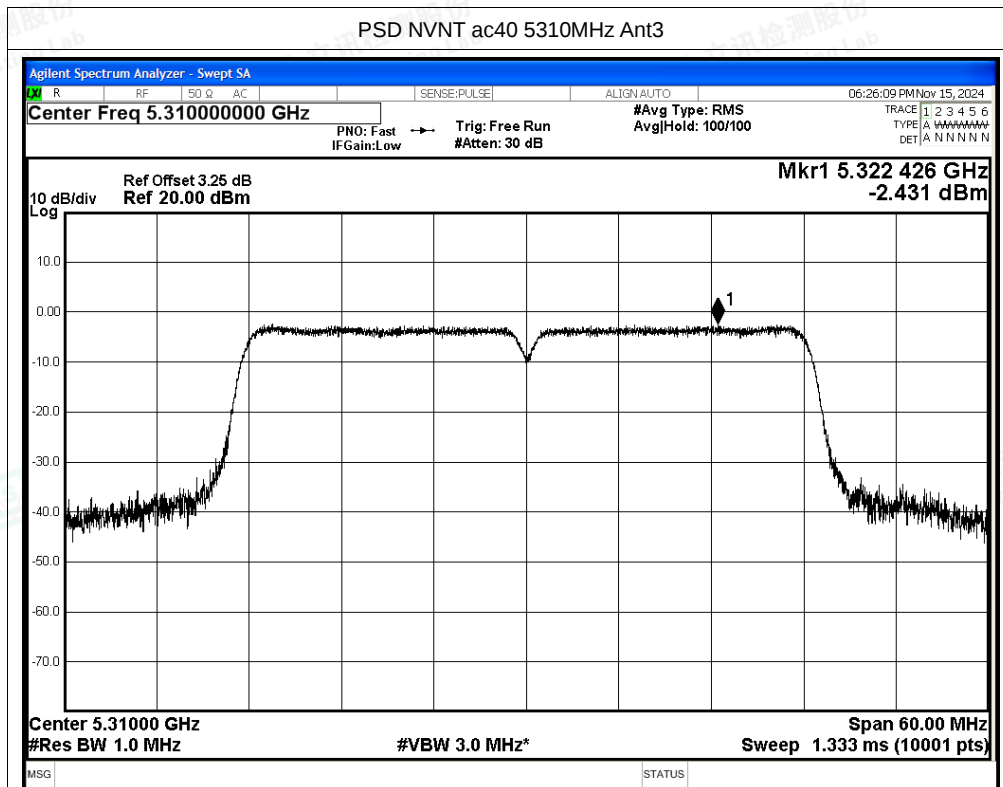


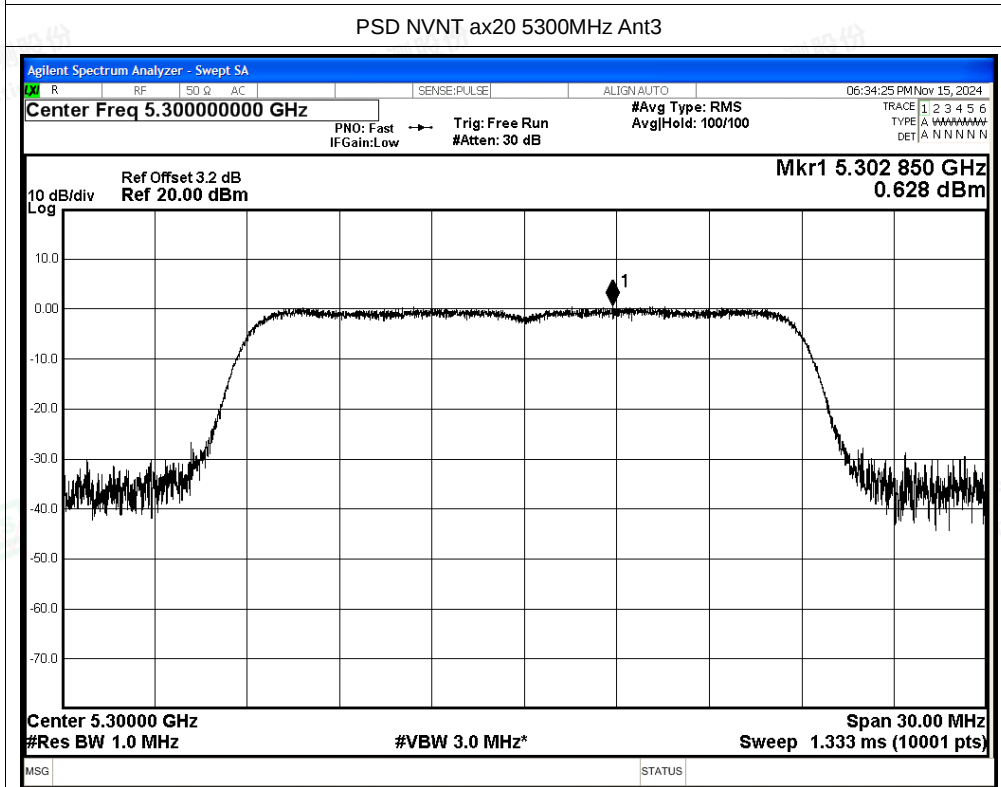
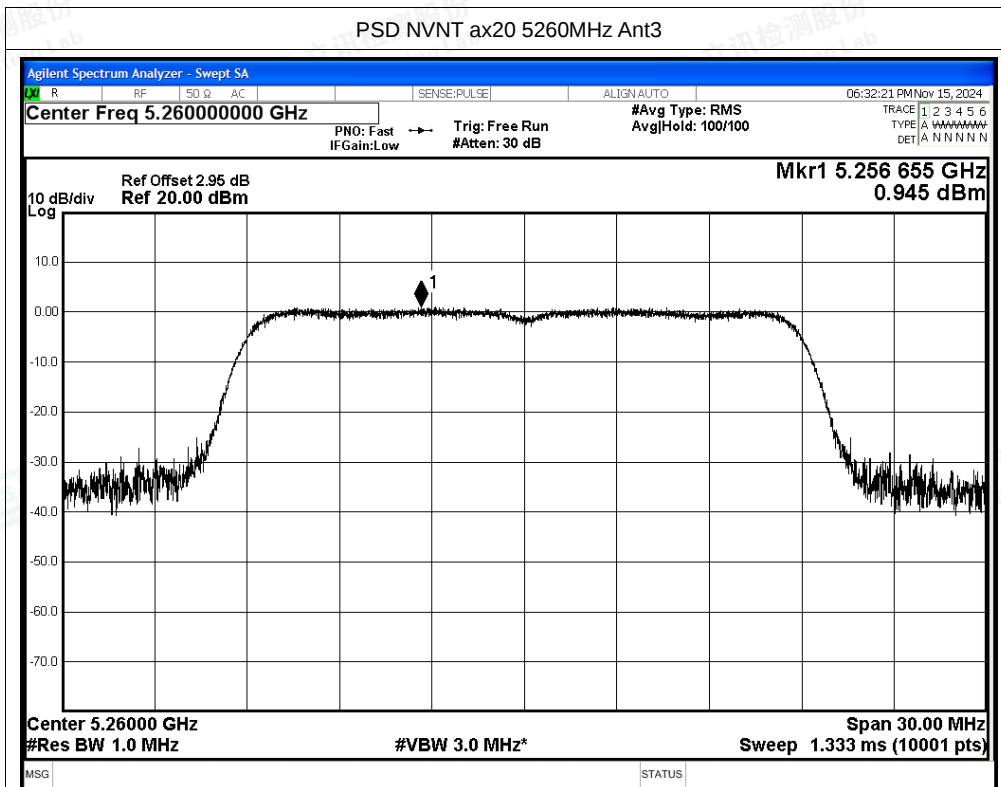


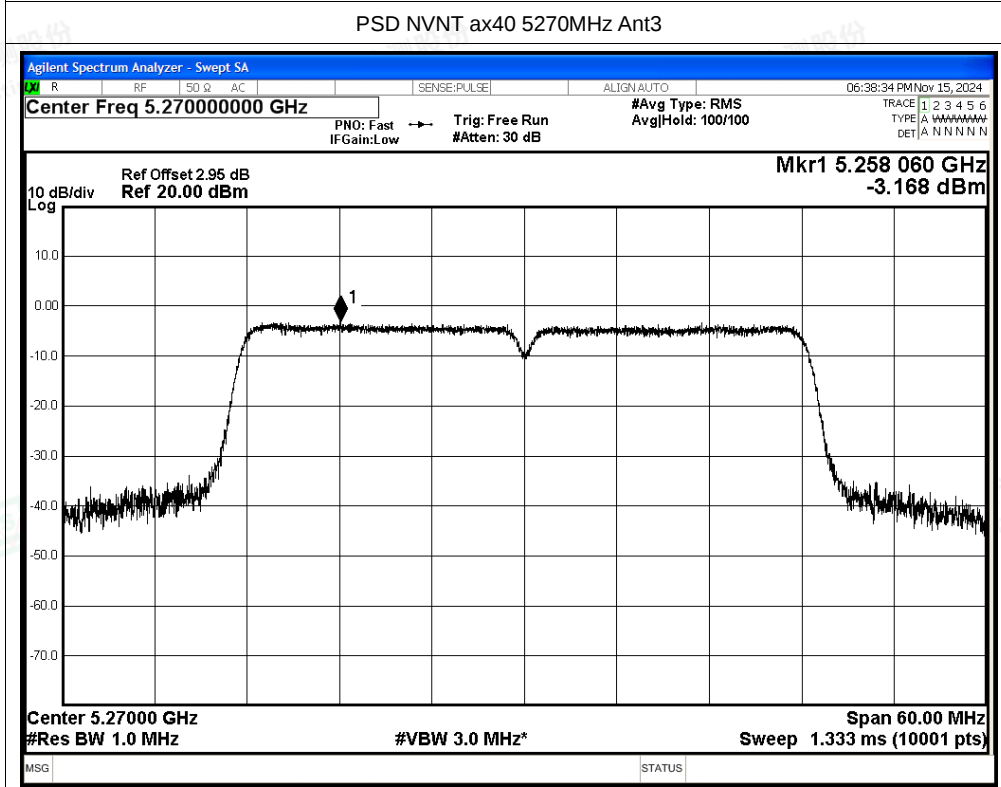
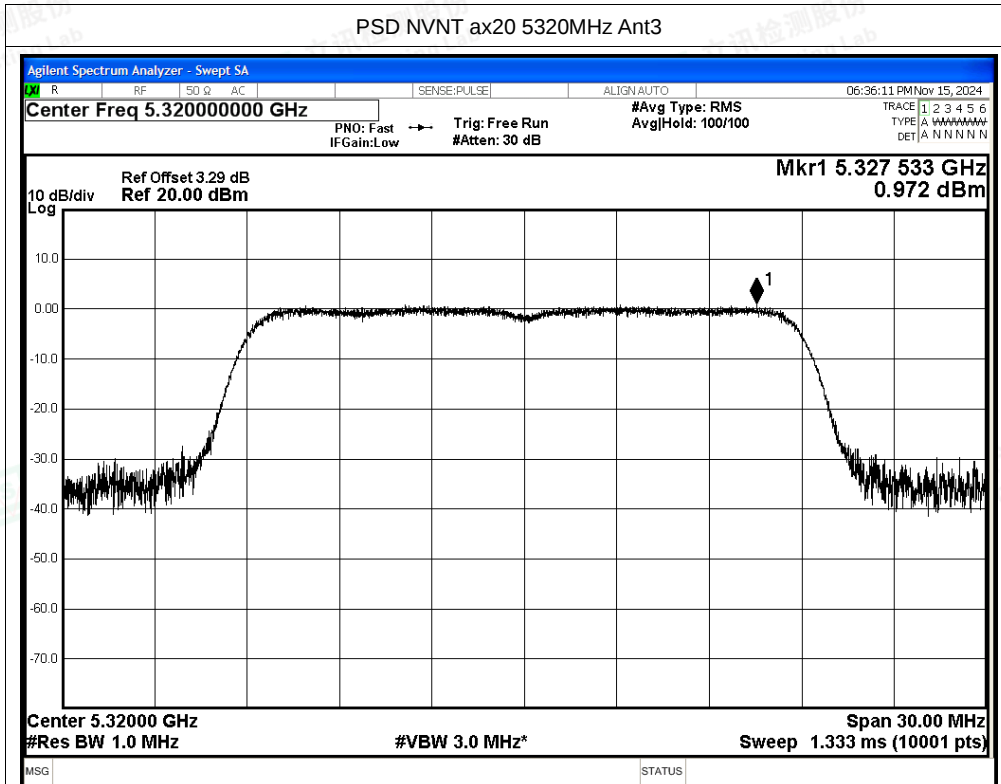


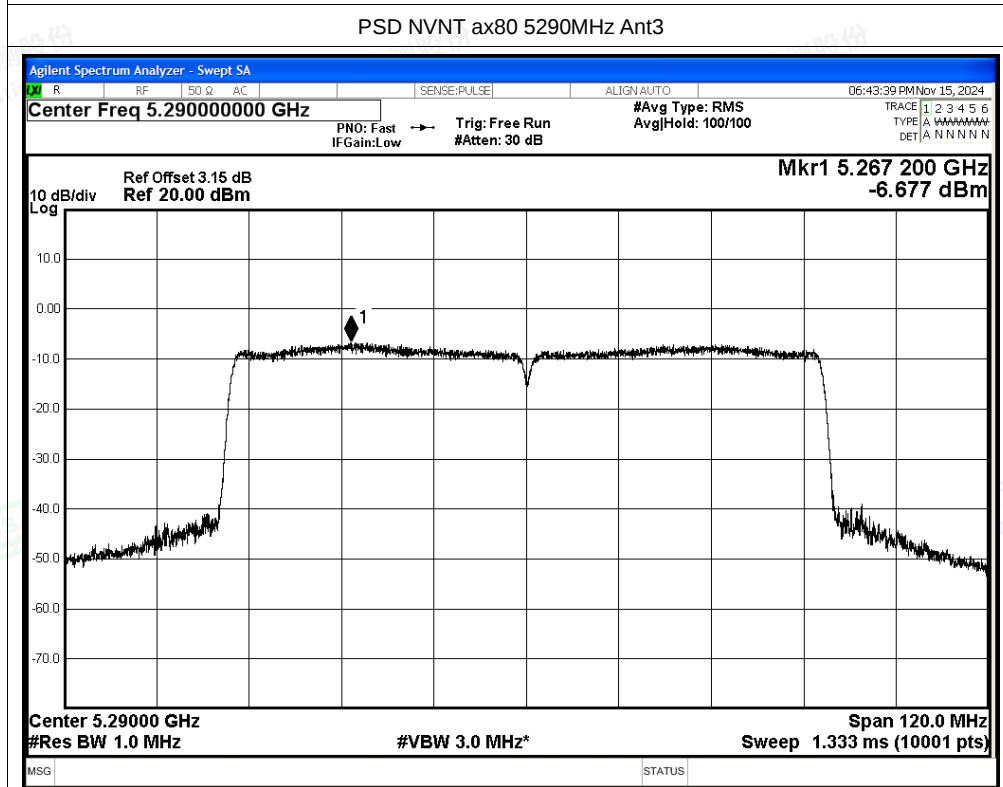
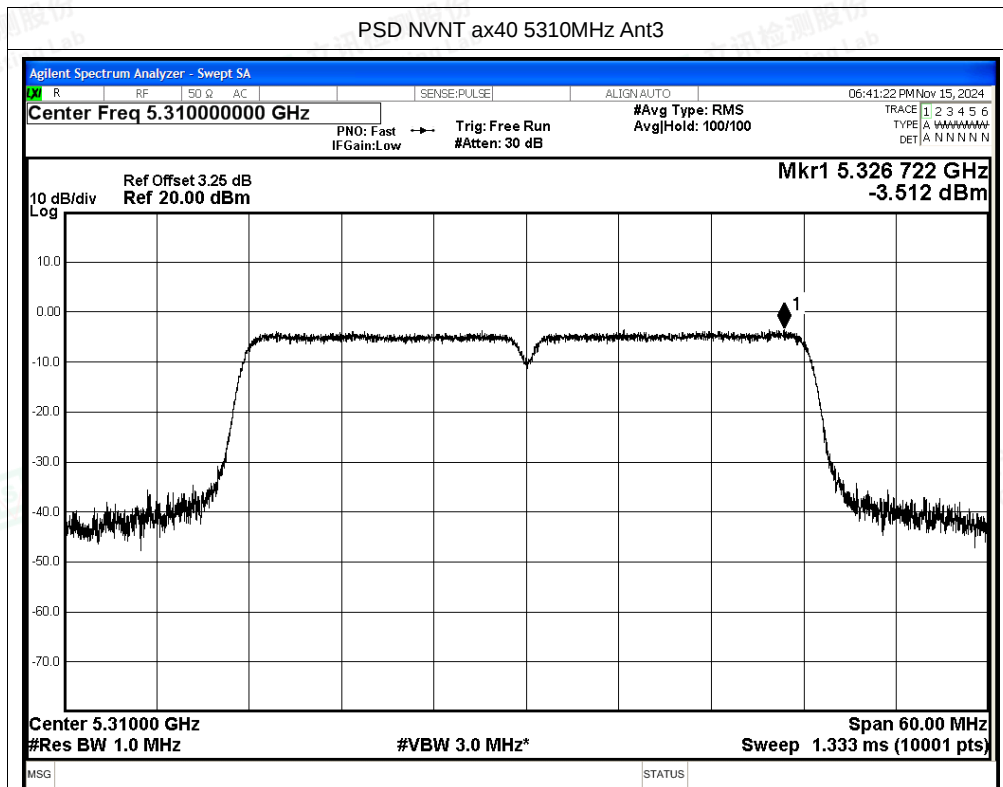


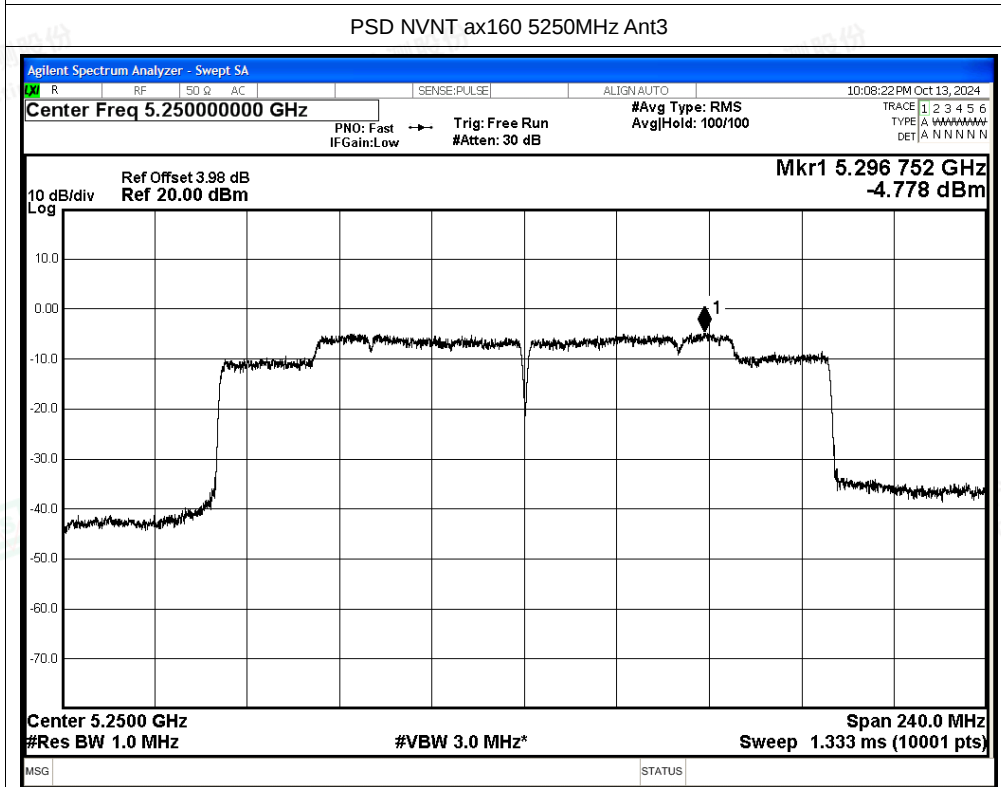
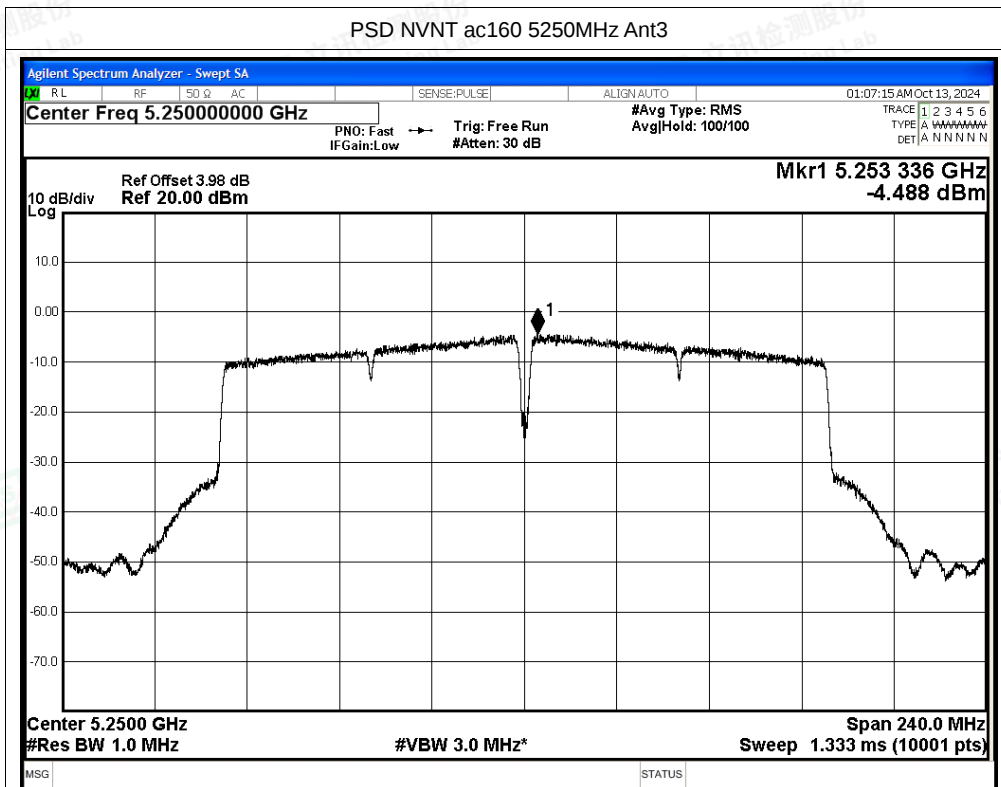








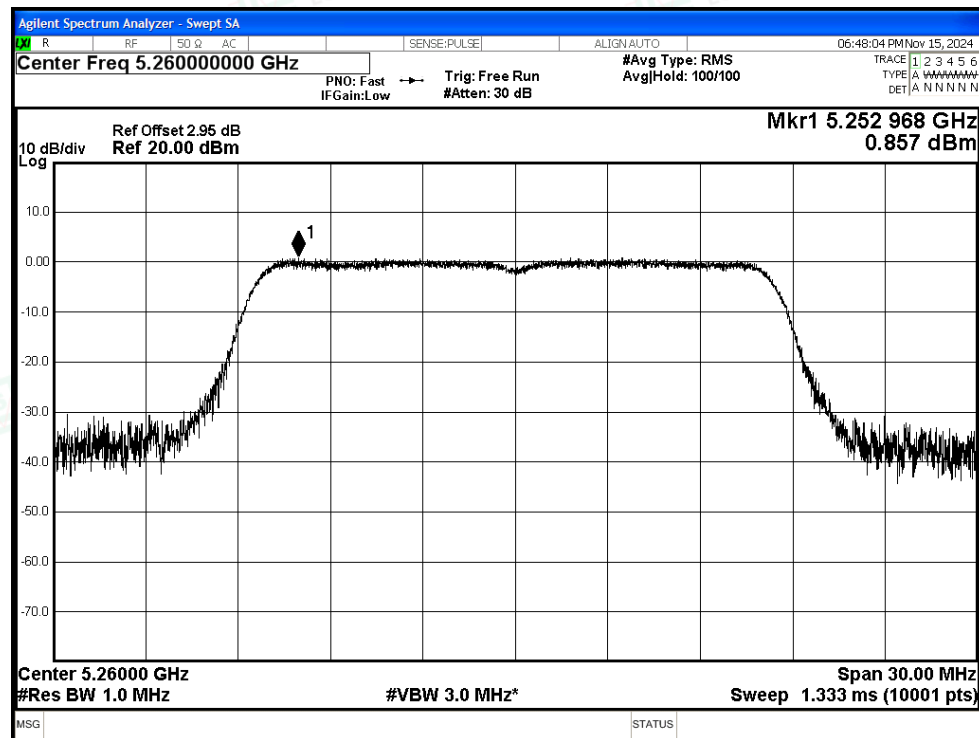




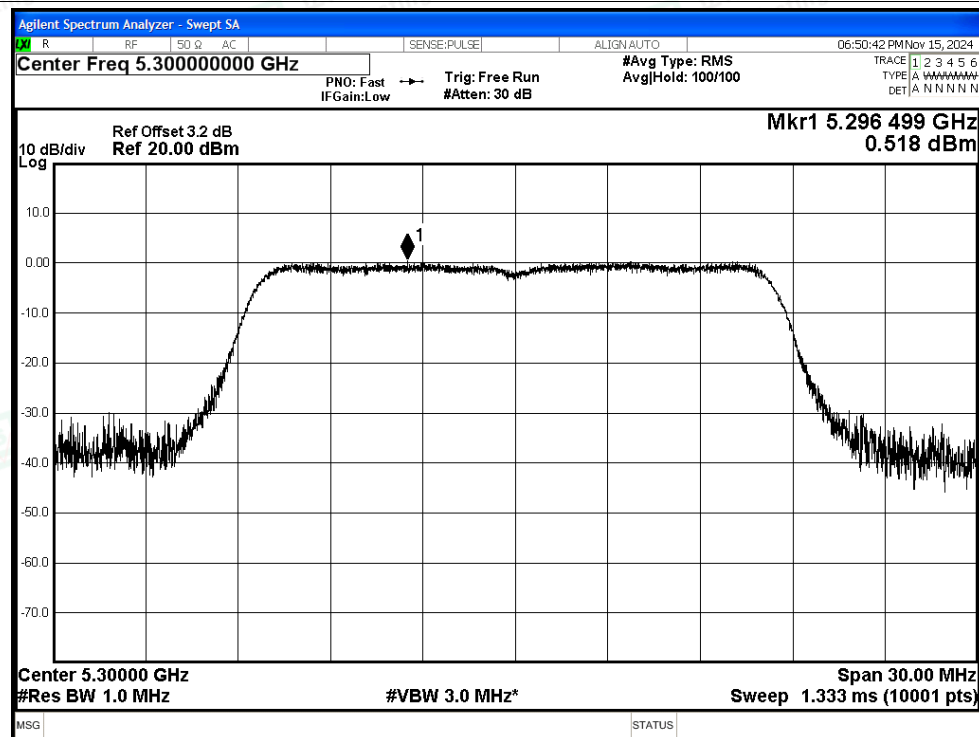


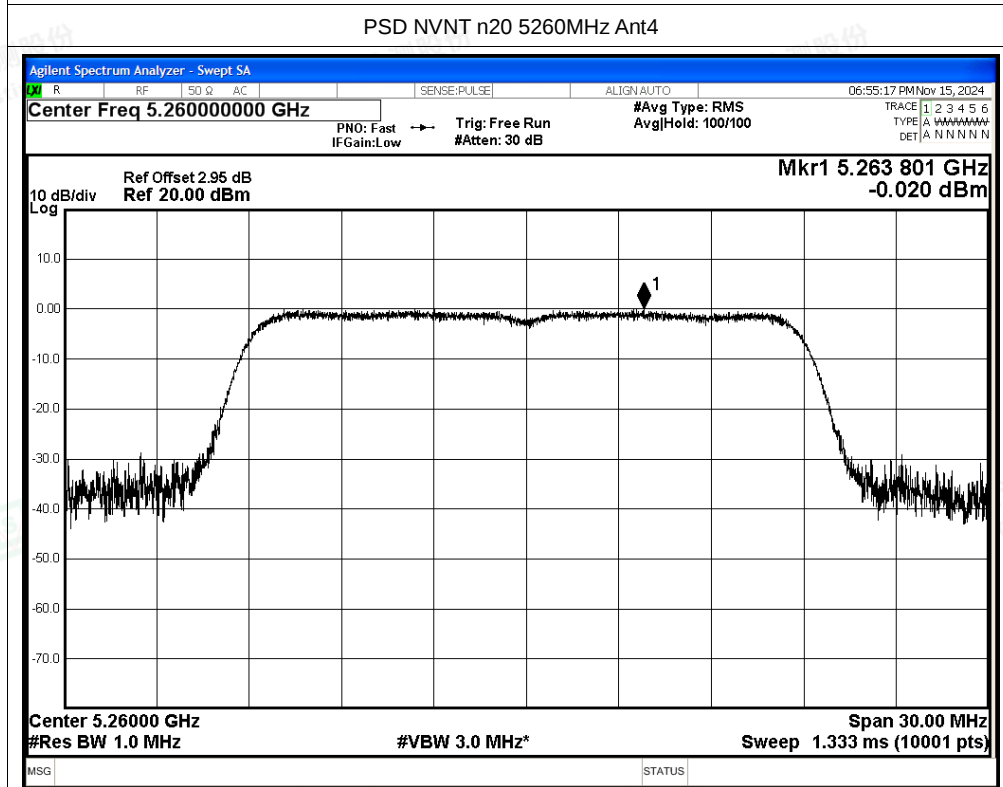
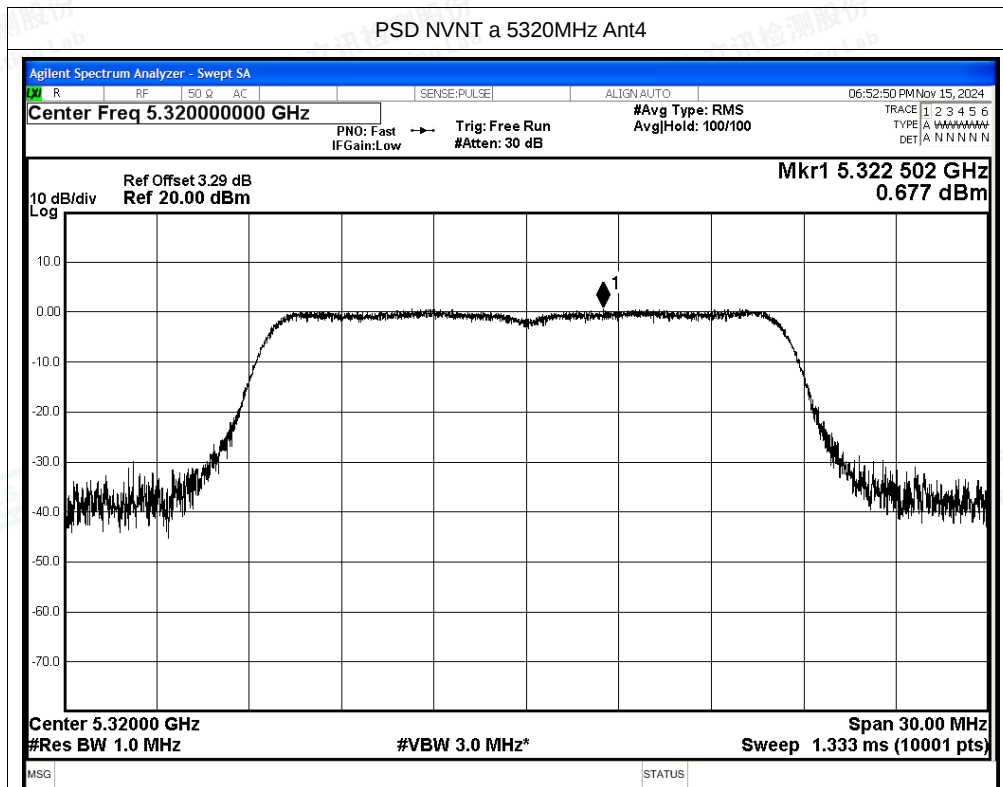
Test Graphs

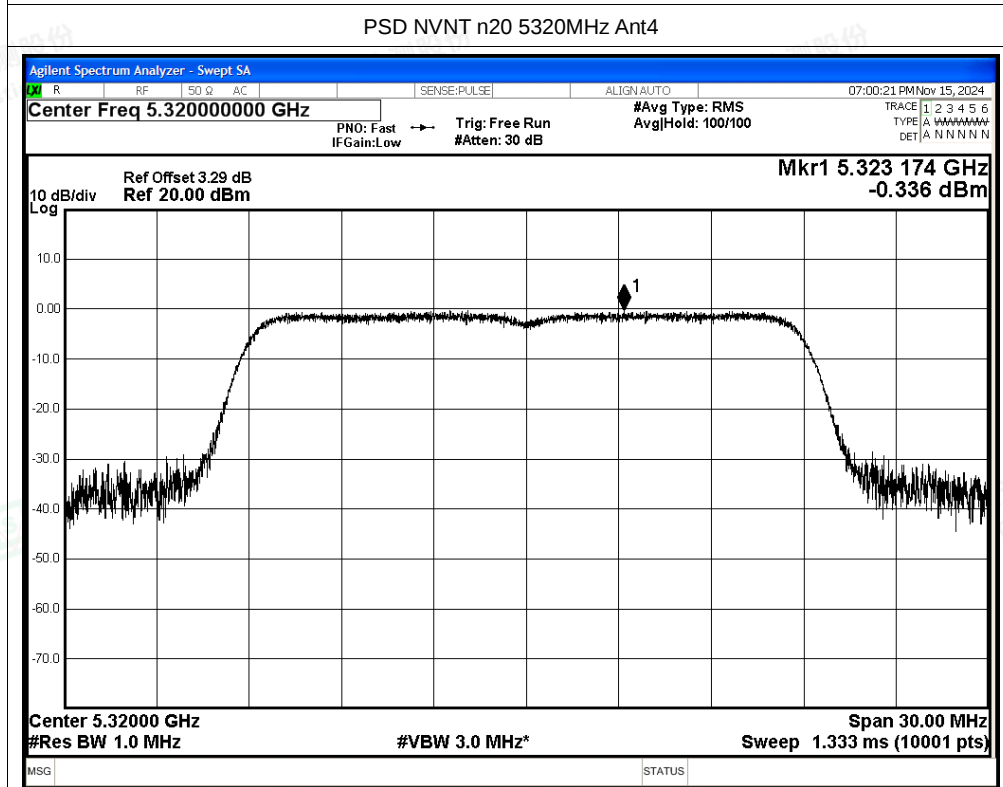
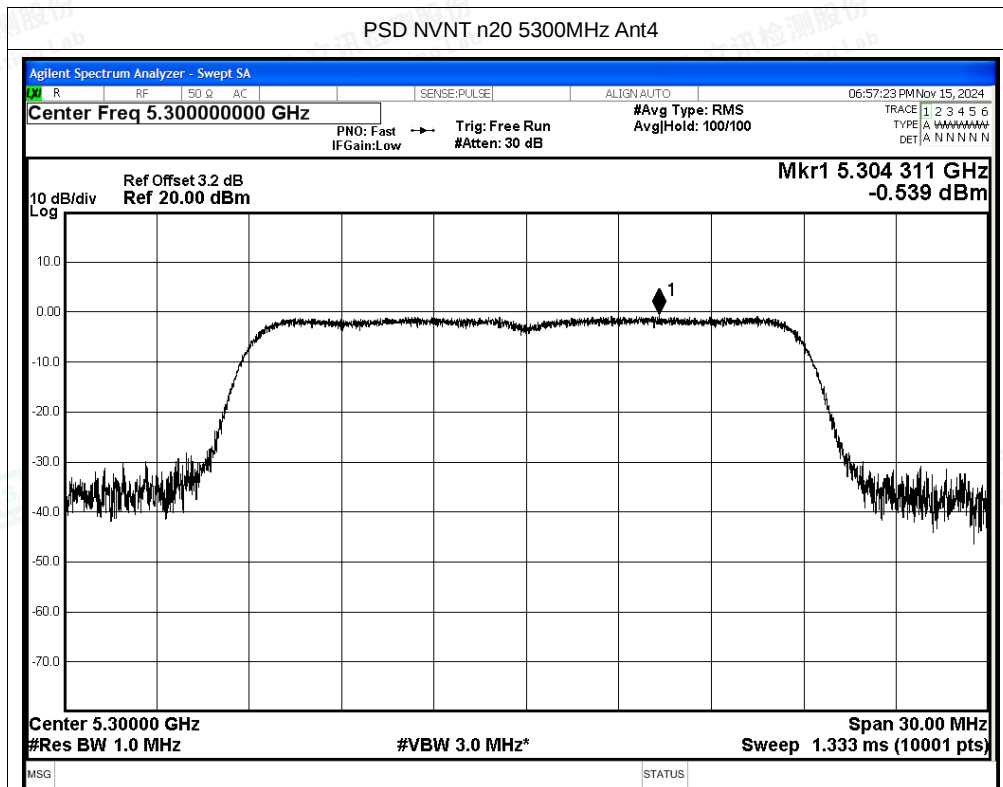
PSD NVNT a 5260MHz Ant4

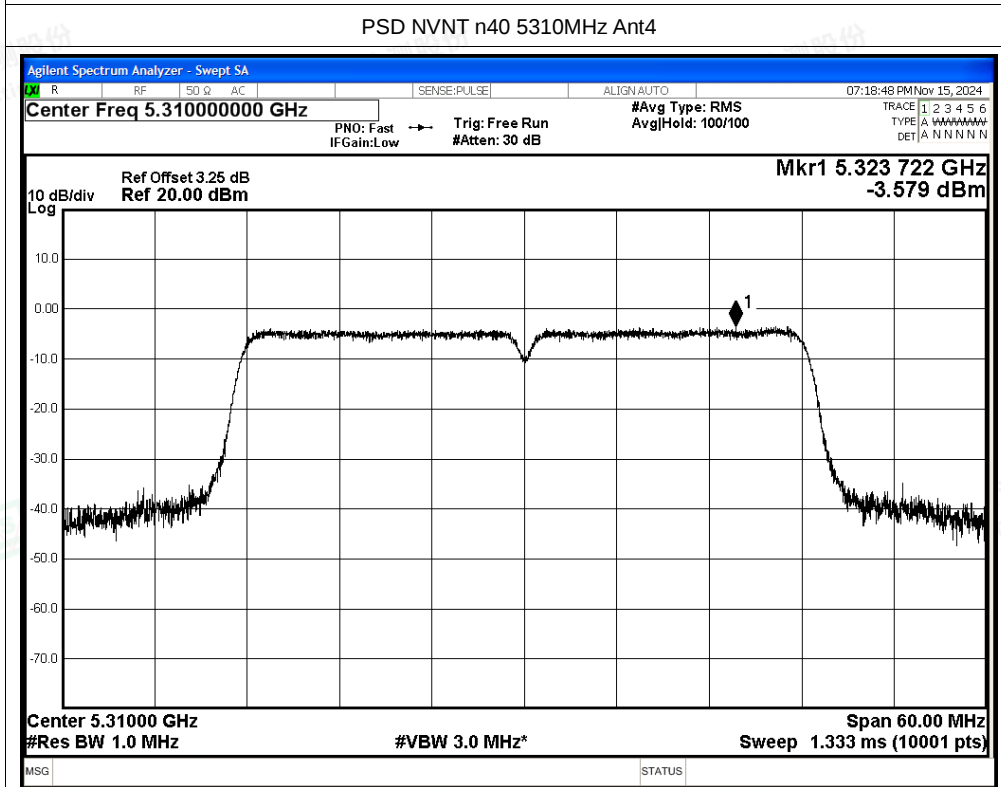
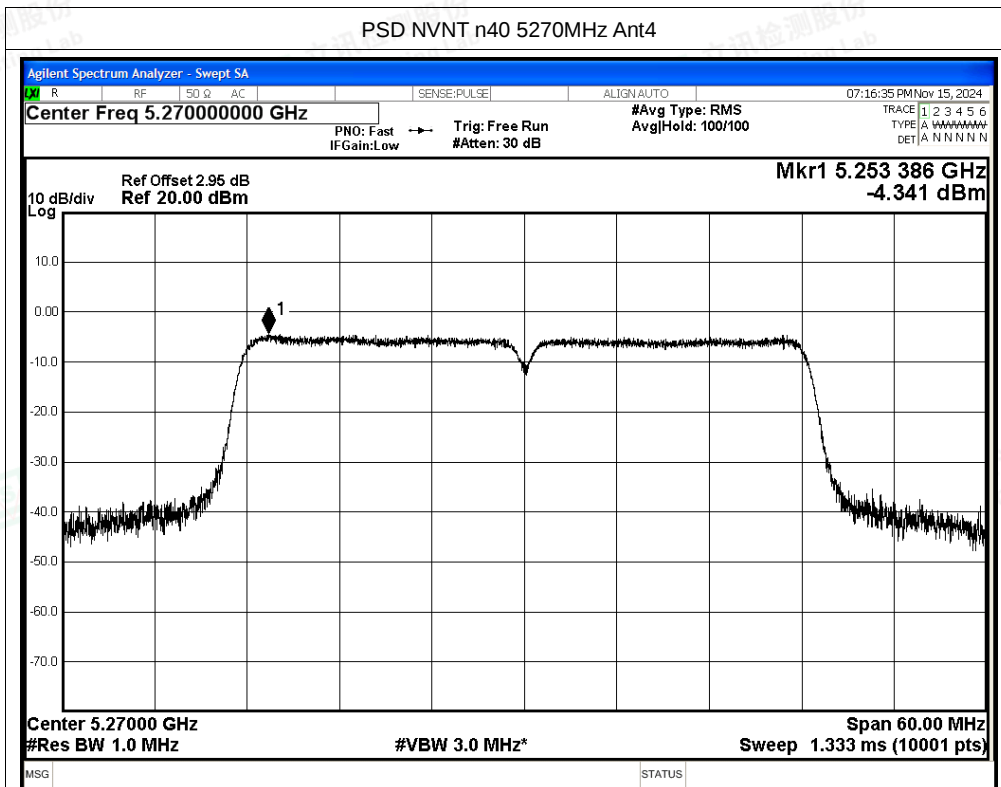


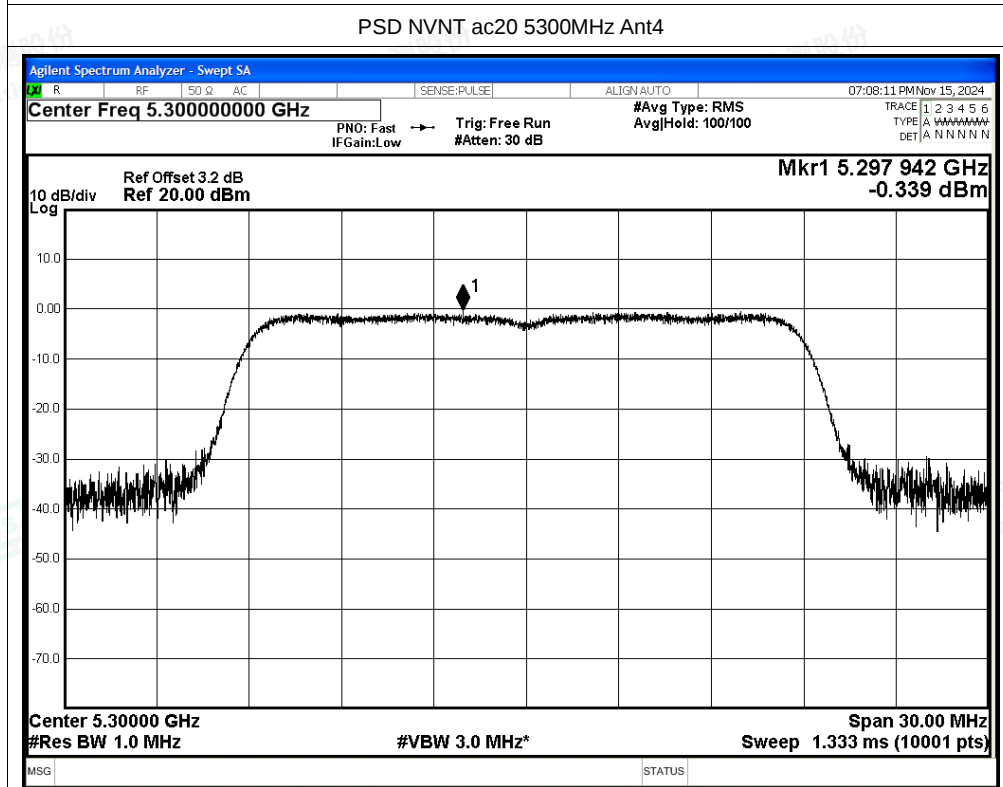
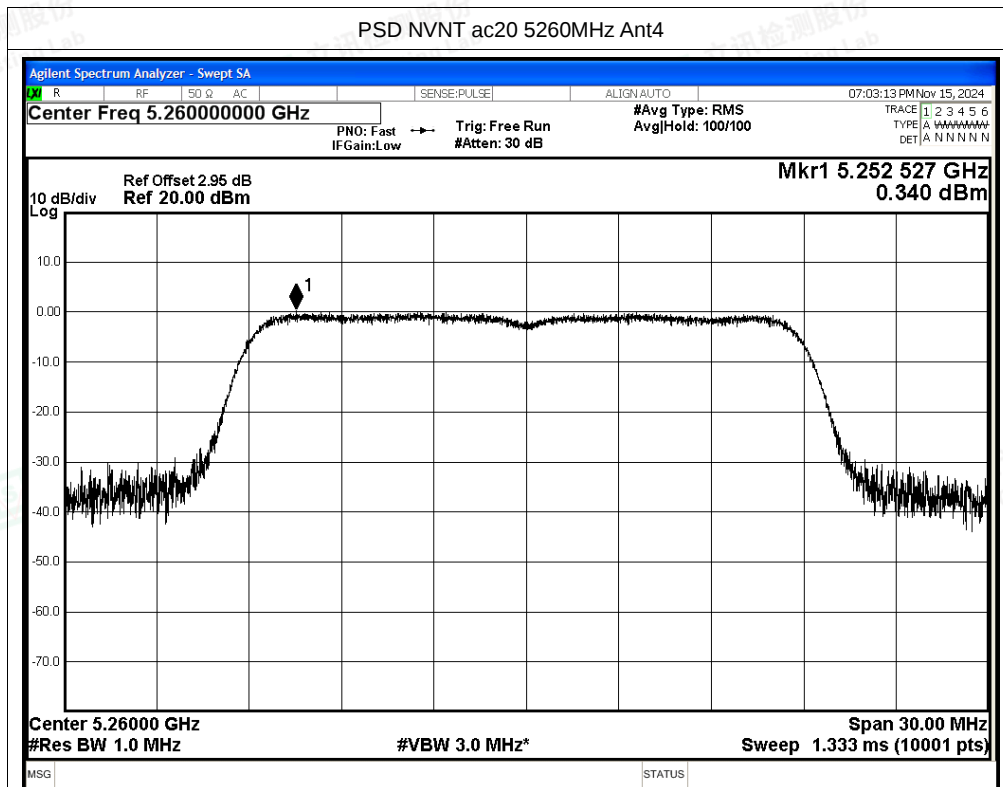
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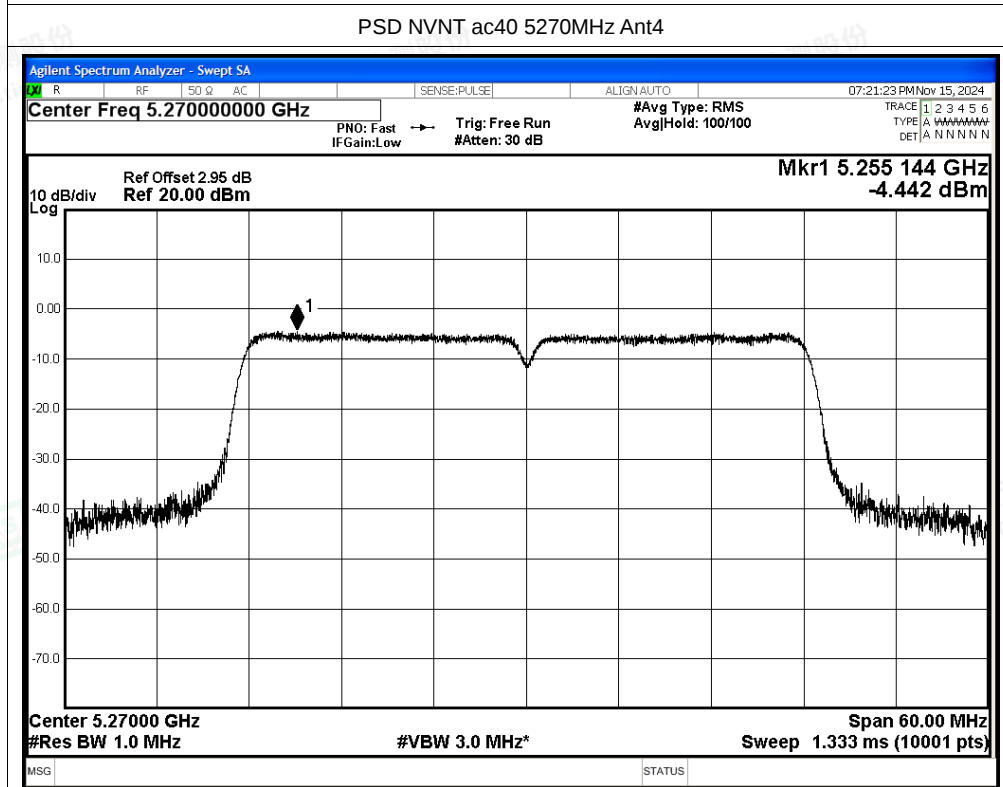
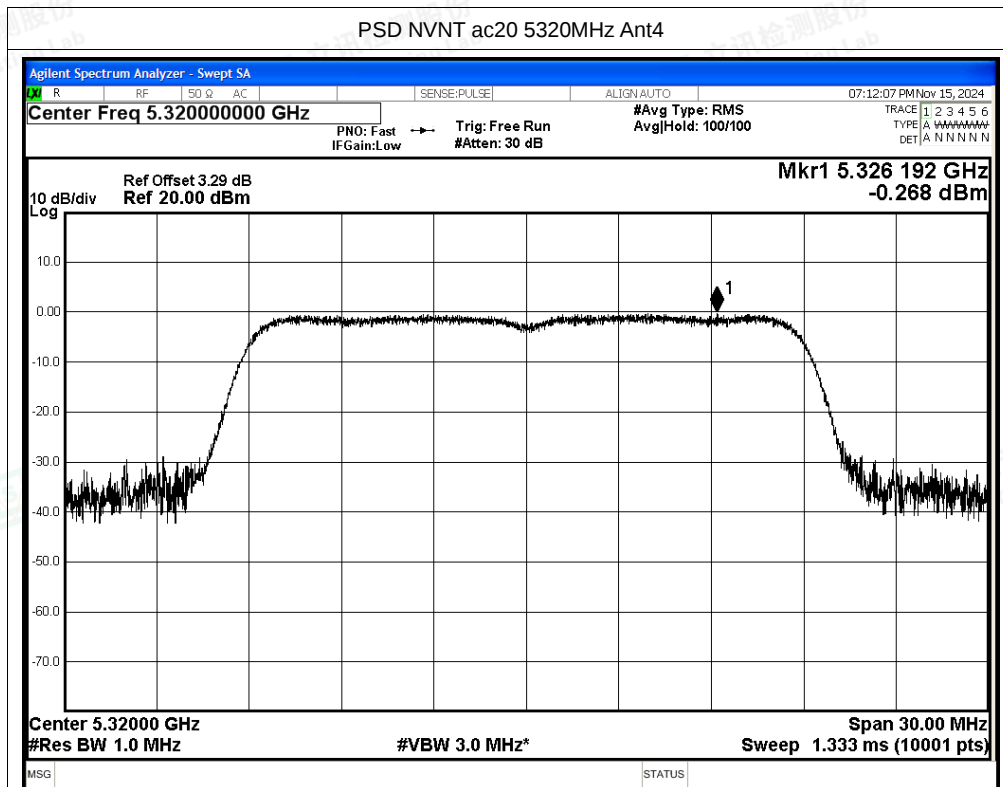


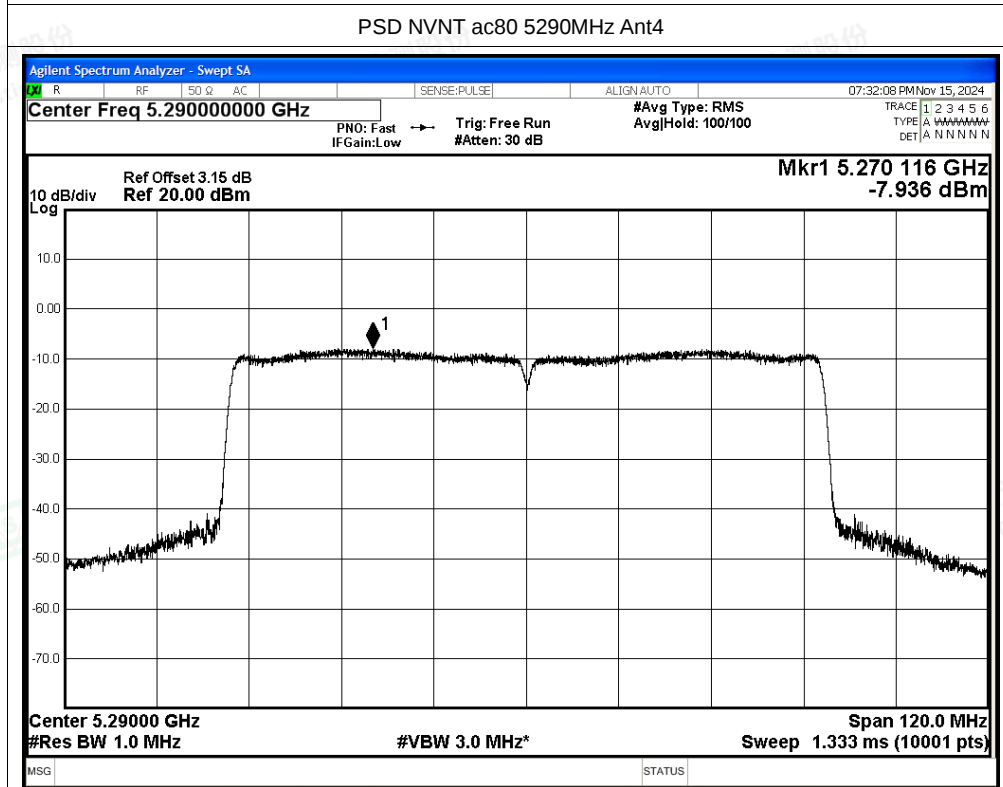
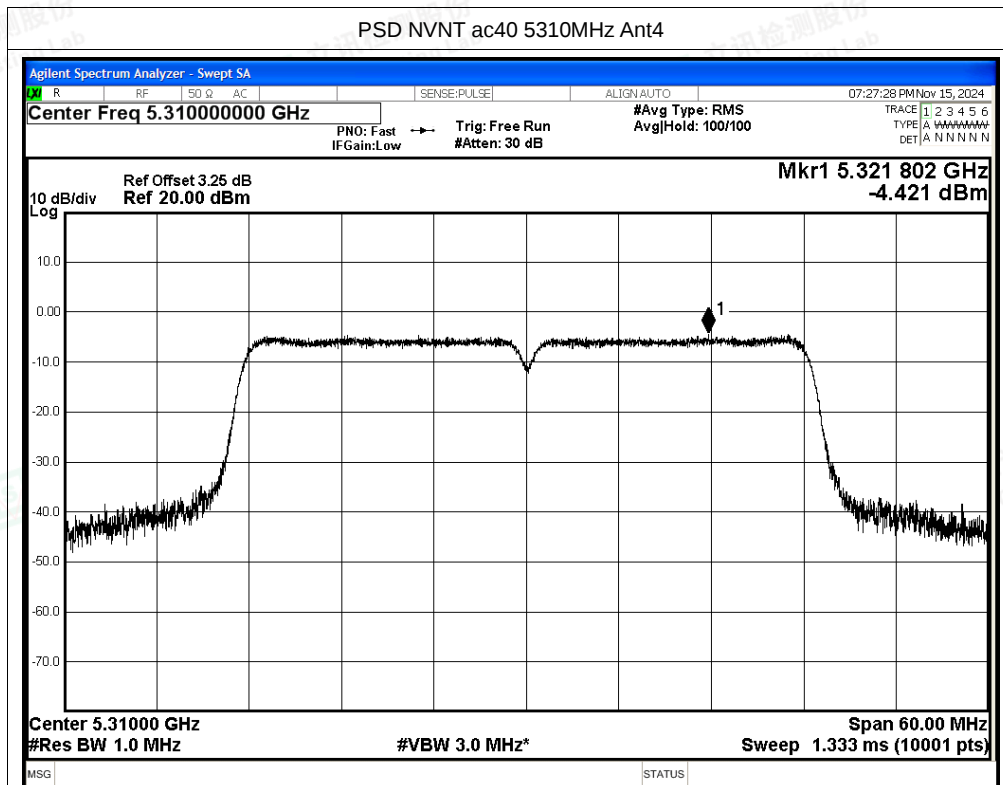


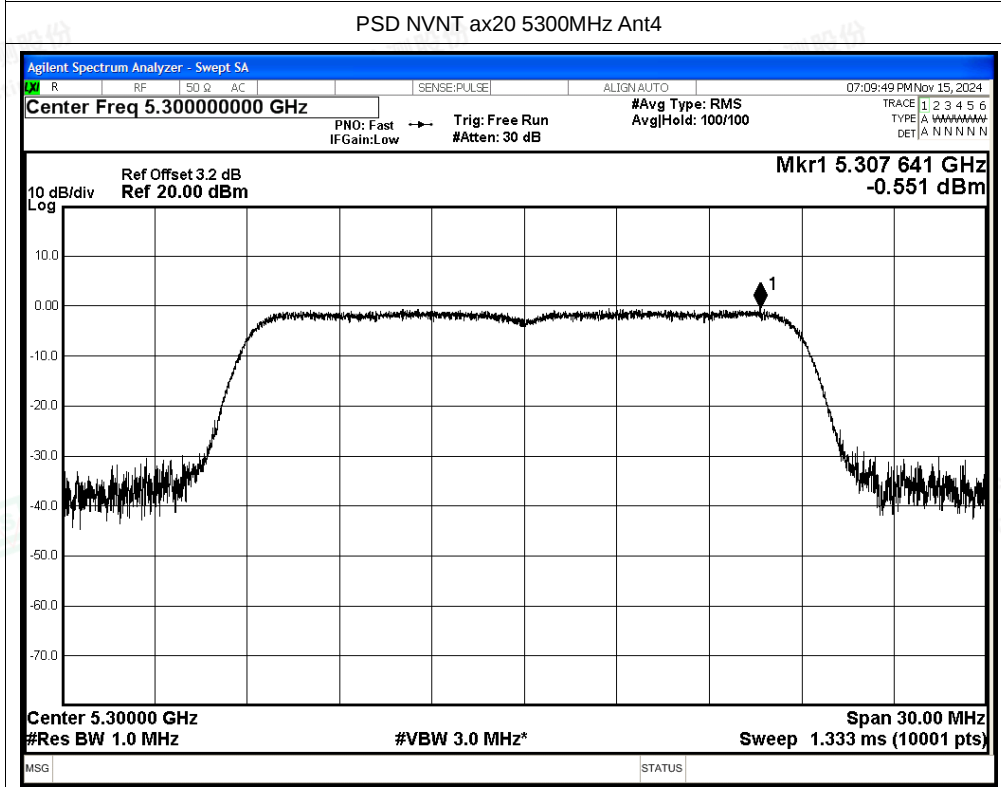
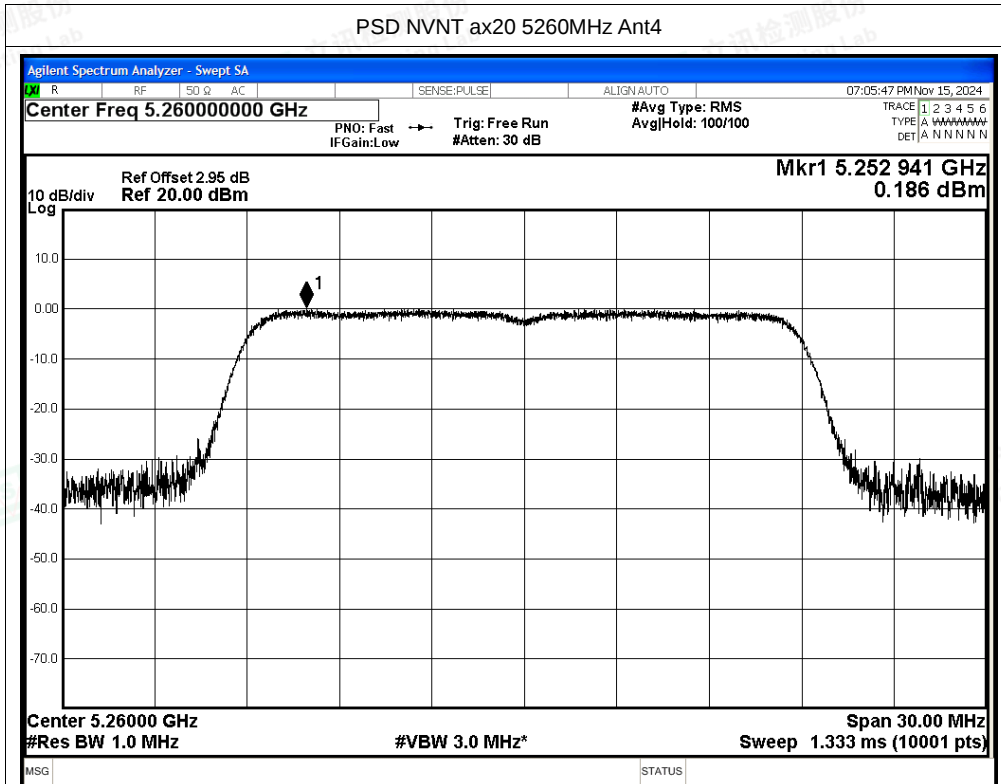


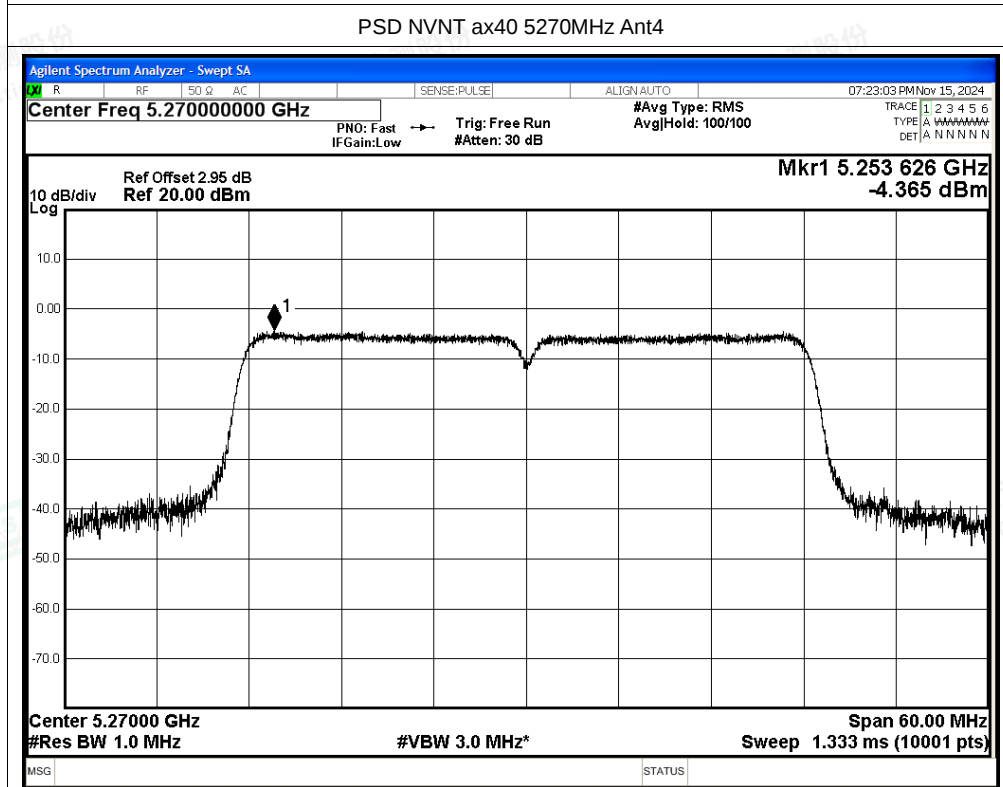
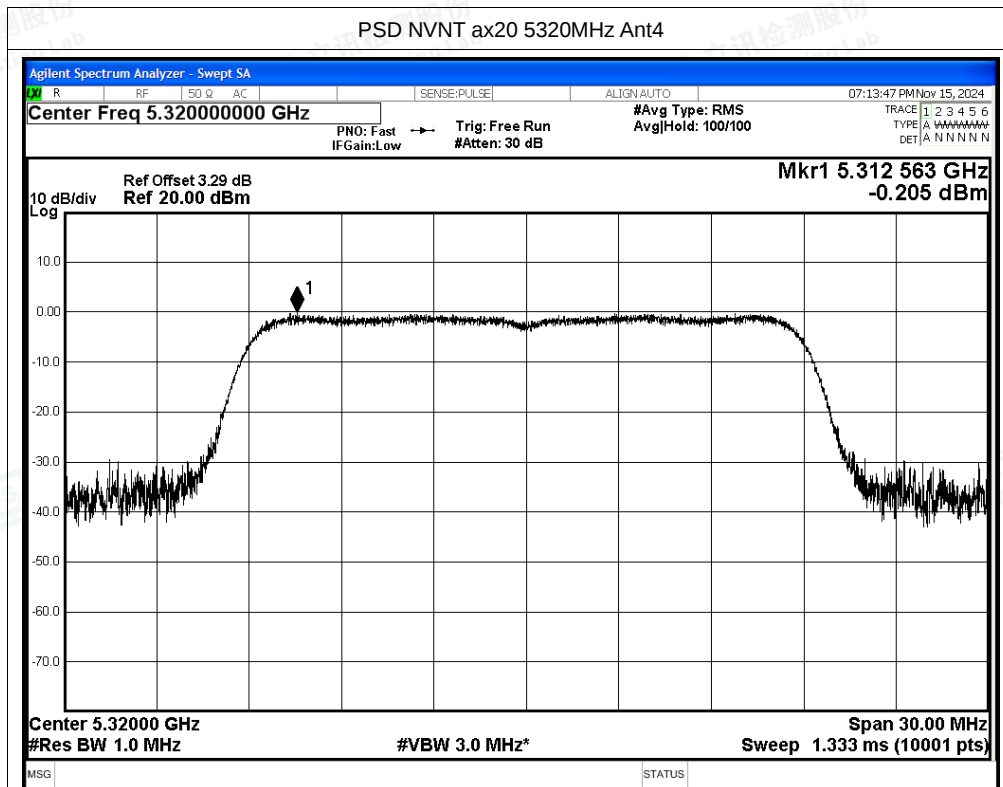


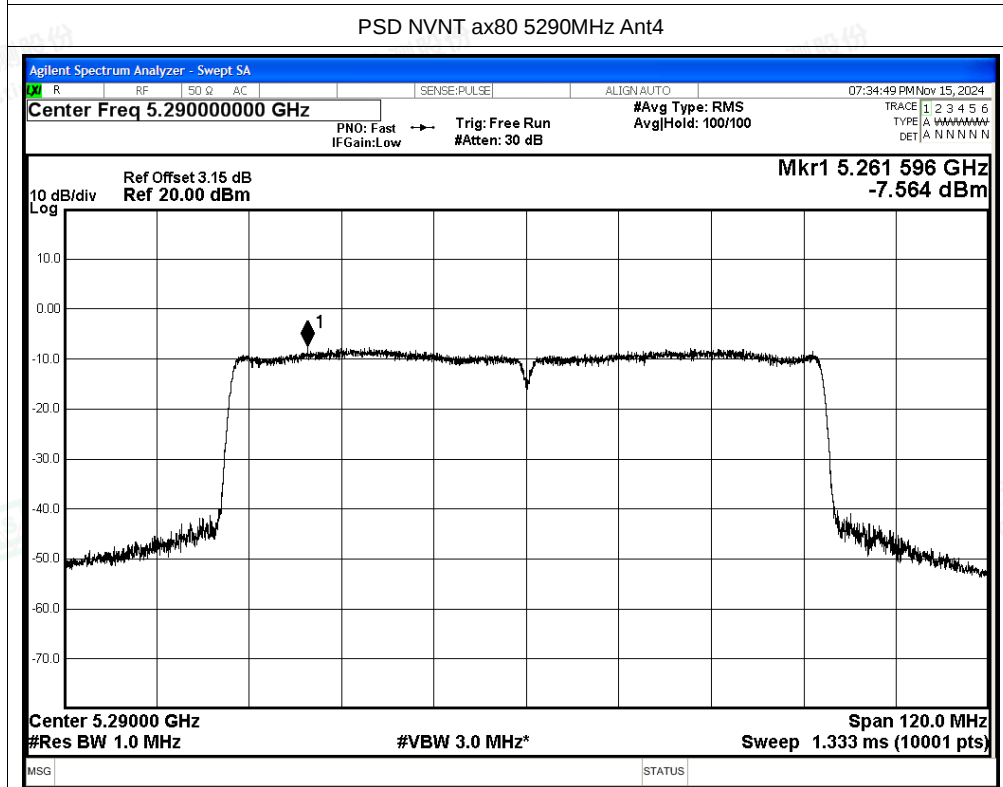
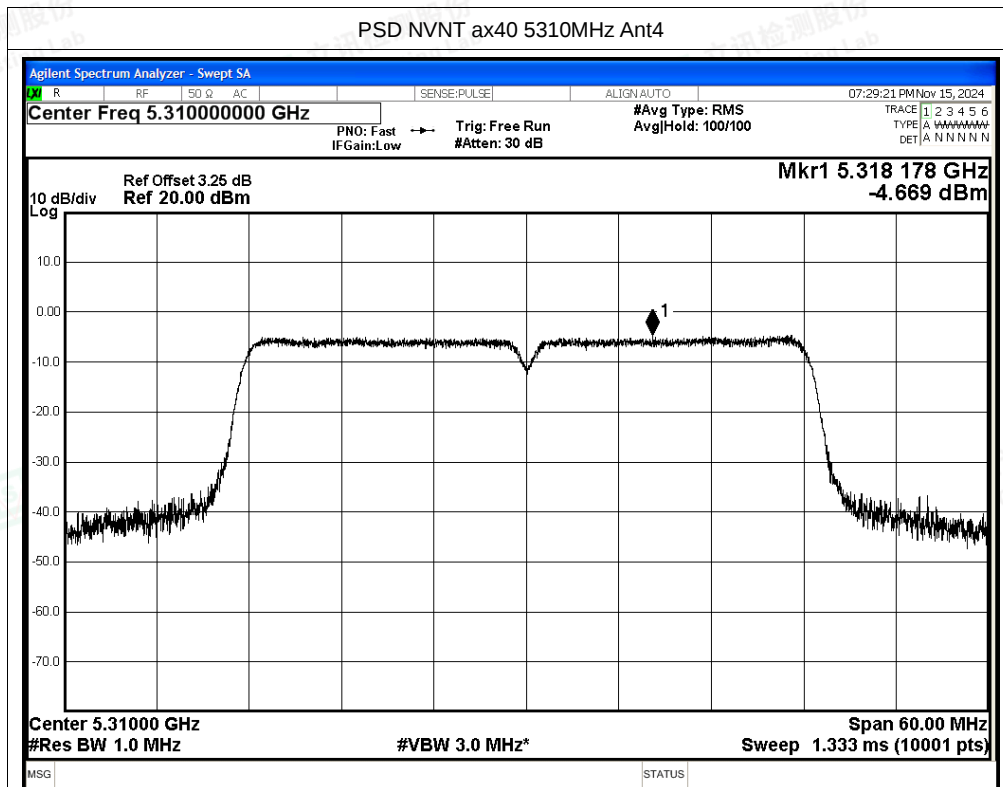


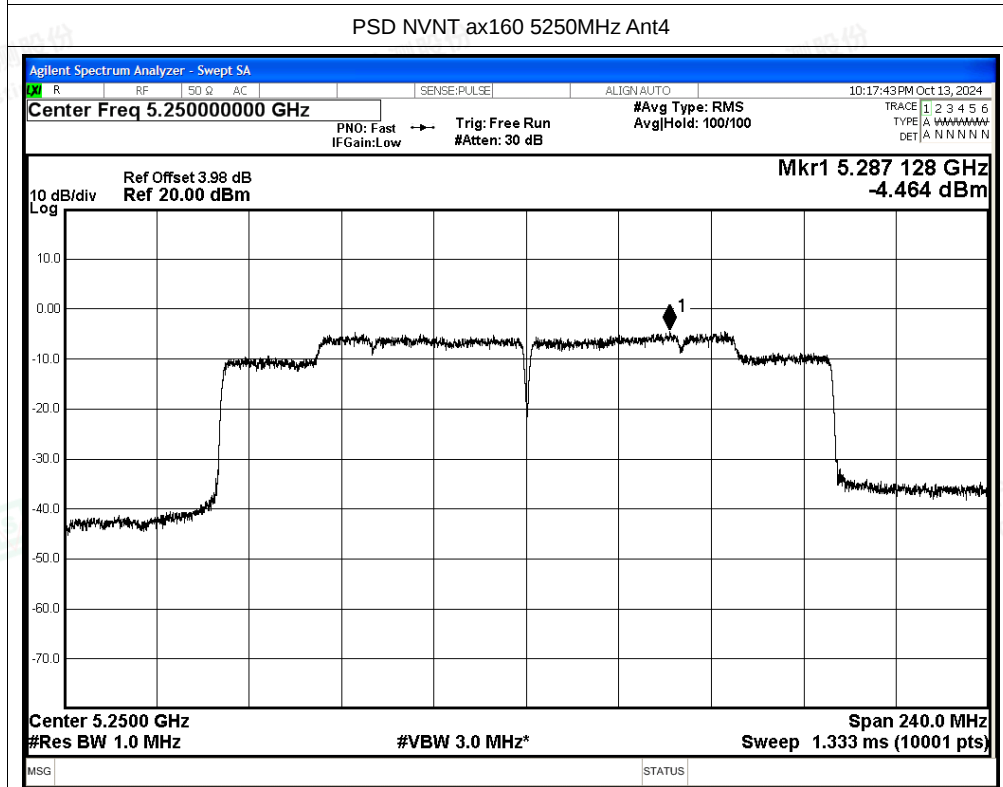
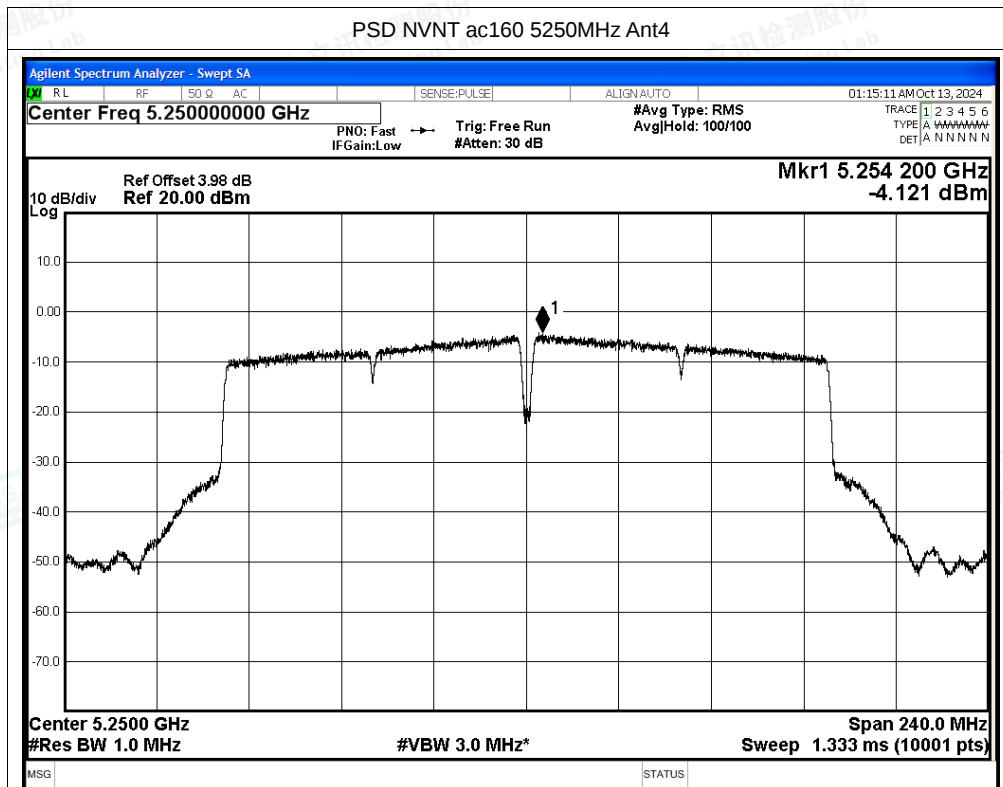














C.4 Restrict Band

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	5260	Ant3	4500	-50.65	5.24	-	49.82	Peak	68.2	Pass
NVNT	a	5260	Ant3	4500	-59.12	5.24	0.24	41.59	Average	54	Pass
NVNT	a	5260	Ant3	5116.2	-45.69	5.24	-	54.78	Peak	68.2	Pass
NVNT	a	5260	Ant3	5088.12	-56.73	5.24	0.24	43.98	Average	54	Pass
NVNT	a	5260	Ant3	5150	-49.34	5.24	-	51.13	Peak	68.2	Pass
NVNT	a	5260	Ant3	5150	-58.22	5.24	0.24	42.49	Average	54	Pass
NVNT	a	5320	Ant3	5350	-40.97	5.24	-	59.5	Peak	68.2	Pass
NVNT	a	5320	Ant3	5350	-56.37	5.24	0.24	44.34	Average	54	Pass
NVNT	a	5320	Ant3	5460	-48.97	5.24	-	51.5	Peak	68.2	Pass
NVNT	a	5320	Ant3	5460	-58.13	5.24	0.24	42.58	Average	54	Pass
NVNT	n20	5260	Ant3	4500	-51.38	5.24	-	49.09	Peak	68.2	Pass
NVNT	n20	5260	Ant3	4500	-58.94	5.24	0.12	41.65	Average	54	Pass
NVNT	n20	5260	Ant3	4804.98	-46.91	5.24	-	53.56	Peak	68.2	Pass
NVNT	n20	5260	Ant3	5142.72	-56.91	5.24	0.12	43.68	Average	54	Pass
NVNT	n20	5260	Ant3	5150	-49.59	5.24	-	50.88	Peak	68.2	Pass
NVNT	n20	5260	Ant3	5150	-57.55	5.24	0.12	43.04	Average	54	Pass
NVNT	n20	5320	Ant3	5350	-43.21	5.24	-	57.26	Peak	68.2	Pass
NVNT	n20	5320	Ant3	5350	-54.33	5.24	0.12	46.26	Average	54	Pass
NVNT	n20	5320	Ant3	5352.2	-40.32	5.24	-	60.15	Peak	68.2	Pass
NVNT	n20	5320	Ant3	5350.6	-54.13	5.24	0.12	46.46	Average	54	Pass
NVNT	n20	5320	Ant3	5460	-50.99	5.24	-	49.48	Peak	68.2	Pass
NVNT	n20	5320	Ant3	5460	-57.43	5.24	0.12	43.16	Average	54	Pass
NVNT	n40	5270	Ant3	4500	-51.22	5.24	-	49.25	Peak	68.2	Pass
NVNT	n40	5270	Ant3	4500	-58.72	5.24	0.12	41.87	Average	54	Pass
NVNT	n40	5270	Ant3	5092.92	-46.4	5.24	-	54.07	Peak	68.2	Pass
NVNT	n40	5270	Ant3	5059.71	-56.73	5.24	0.12	43.86	Average	54	Pass
NVNT	n40	5270	Ant3	5150	-50.33	5.24	-	50.14	Peak	68.2	Pass
NVNT	n40	5270	Ant3	5150	-57.74	5.24	0.12	42.85	Average	54	Pass
NVNT	n40	5310	Ant3	5350	-45.07	5.24	-	55.4	Peak	68.2	Pass
NVNT	n40	5310	Ant3	5350	-55.85	5.24	0.12	44.74	Average	54	Pass
NVNT	n40	5310	Ant3	5355.2	-43.61	5.24	-	56.86	Peak	68.2	Pass
NVNT	n40	5310	Ant3	5351	-55.66	5.24	0.12	44.93	Average	54	Pass
NVNT	n40	5310	Ant3	5460	-49.49	5.24	-	50.98	Peak	68.2	Pass
NVNT	n40	5310	Ant3	5460	-57.66	5.24	0.12	42.93	Average	54	Pass
NVNT	ac20	5260	Ant3	4500	-51.64	5.24	-	48.83	Peak	68.2	Pass
NVNT	ac20	5260	Ant3	4500	-59.25	5.24	0.12	41.34	Average	54	Pass





NVNT	ac20	5260	Ant3	4993.74	-47.17	5.24	-	53.3	Peak	68.2	Pass
NVNT	ac20	5260	Ant3	5067.06	-56.74	5.24	0.12	43.85	Average	54	Pass
NVNT	ac20	5260	Ant3	5150	-50.68	5.24	-	49.79	Peak	68.2	Pass
NVNT	ac20	5260	Ant3	5150	-57.11	5.24	0.12	43.48	Average	54	Pass
NVNT	ac20	5320	Ant3	5350	-44.2	5.24	-	56.27	Peak	68.2	Pass
NVNT	ac20	5320	Ant3	5350	-55.43	5.24	0.12	45.16	Average	54	Pass
NVNT	ac20	5320	Ant3	5350.4	-40.84	5.24	-	59.63	Peak	68.2	Pass
NVNT	ac20	5320	Ant3	5351	-55.18	5.24	0.12	45.41	Average	54	Pass
NVNT	ac20	5320	Ant3	5460	-50.44	5.24	-	50.03	Peak	68.2	Pass
NVNT	ac20	5320	Ant3	5460	-57.61	5.24	0.12	42.98	Average	54	Pass
NVNT	ac40	5270	Ant3	4500	-50.17	5.24	-	50.3	Peak	68.2	Pass
NVNT	ac40	5270	Ant3	4500	-59.56	5.24	0.12	41.03	Average	54	Pass
NVNT	ac40	5270	Ant3	4971.42	-46.09	5.24	-	54.38	Peak	68.2	Pass
NVNT	ac40	5270	Ant3	4807.8	-56.75	5.24	0.12	43.84	Average	54	Pass
NVNT	ac40	5270	Ant3	5150	-49.36	5.24	-	51.11	Peak	68.2	Pass
NVNT	ac40	5270	Ant3	5150	-57.55	5.24	0.12	43.04	Average	54	Pass
NVNT	ac40	5310	Ant3	5350	-42.14	5.24	-	58.33	Peak	68.2	Pass
NVNT	ac40	5310	Ant3	5350	-54.83	5.24	0.12	45.76	Average	54	Pass
NVNT	ac40	5310	Ant3	5352.4	-41.58	5.24	-	58.89	Peak	68.2	Pass
NVNT	ac40	5310	Ant3	5350.2	-54.29	5.24	0.12	46.3	Average	54	Pass
NVNT	ac40	5310	Ant3	5460	-49.27	5.24	-	51.2	Peak	68.2	Pass
NVNT	ac40	5310	Ant3	5460	-57.72	5.24	0.12	42.87	Average	54	Pass
NVNT	ac80	5290	Ant3	4500	-50.31	5.24	-	50.16	Peak	68.2	Pass
NVNT	ac80	5290	Ant3	4500	-58.73	5.24	0.25	41.99	Average	54	Pass
NVNT	ac80	5290	Ant3	5120.31	-45.59	5.24	-	54.88	Peak	68.2	Pass
NVNT	ac80	5290	Ant3	5138.58	-56.21	5.24	0.25	44.51	Average	54	Pass
NVNT	ac80	5290	Ant3	5150	-48.6	5.24	-	51.87	Peak	68.2	Pass
NVNT	ac80	5290	Ant3	5150	-56.55	5.24	0.25	44.17	Average	54	Pass
NVNT	ac80	5290	Ant3	5350	-46.21	5.24	-	54.26	Peak	68.2	Pass
NVNT	ac80	5290	Ant3	5350	-55.75	5.24	0.25	44.97	Average	54	Pass
NVNT	ac80	5290	Ant3	5350.75	-42.07	5.24	-	58.4	Peak	68.2	Pass
NVNT	ac80	5290	Ant3	5351	-55.41	5.24	0.25	45.31	Average	54	Pass
NVNT	ac80	5290	Ant3	5460	-49.94	5.24	-	50.53	Peak	68.2	Pass
NVNT	ac80	5290	Ant3	5460	-57.65	5.24	0.25	43.07	Average	54	Pass
NVNT	ax20	5260	Ant3	4500	-50.41	5.24	-	50.06	Peak	68.2	Pass
NVNT	ax20	5260	Ant3	4500	-58.9	5.24	0.12	41.69	Average	54	Pass
NVNT	ax20	5260	Ant3	5117.76	-45.72	5.24	-	54.75	Peak	68.2	Pass
NVNT	ax20	5260	Ant3	5045.22	-56.73	5.24	0.12	43.86	Average	54	Pass
NVNT	ax20	5260	Ant3	5150	-48.52	5.24	-	51.95	Peak	68.2	Pass
NVNT	ax20	5260	Ant3	5150	-57.91	5.24	0.12	42.68	Average	54	Pass
NVNT	ax20	5320	Ant3	5350	-41.96	5.24	-	58.51	Peak	68.2	Pass





NVNT	ax20	5320	Ant3	5350	-55.74	5.24	0.12	44.85	Average	54	Pass
NVNT	ax20	5320	Ant3	5351.2	-55.59	5.24	0.12	45	Average	54	Pass
NVNT	ax20	5320	Ant3	5460	-48.84	5.24	-	51.63	Peak	68.2	Pass
NVNT	ax20	5320	Ant3	5460	-57.68	5.24	0.12	42.91	Average	54	Pass
NVNT	ax40	5270	Ant3	4500	-49.52	5.24	-	50.95	Peak	68.2	Pass
NVNT	ax40	5270	Ant3	4500	-59.19	5.24	0.12	41.4	Average	54	Pass
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NVNT	ax40	5270	Ant3	5018.4	-56.8	5.24	0.12	43.79	Average	54	Pass
NVNT	ax40	5270	Ant3	5150	-49.22	5.24	-	51.25	Peak	68.2	Pass
NVNT	ax40	5270	Ant3	5150	-57.16	5.24	0.12	43.43	Average	54	Pass
NVNT	ax40	5310	Ant3	5350	-45.84	5.24	-	54.63	Peak	68.2	Pass
NVNT	ax40	5310	Ant3	5350	-55.5	5.24	0.12	45.09	Average	54	Pass
NVNT	ax40	5310	Ant3	5351.2	-43.58	5.24	-	56.89	Peak	68.2	Pass
NVNT	ax40	5310	Ant3	5460	-49.47	5.24	-	51	Peak	68.2	Pass
NVNT	ax40	5310	Ant3	5460	-58.27	5.24	0.12	42.32	Average	54	Pass
NVNT	ax80	5290	Ant3	5350	-44.11	5.24	-	56.36	Peak	68.2	Pass
NVNT	ax80	5290	Ant3	5350	-55.64	5.24	0.25	45.08	Average	54	Pass
NVNT	ax80	5290	Ant3	5352	-43.34	5.24	-	57.13	Peak	68.2	Pass
NVNT	ax80	5290	Ant3	5351.5	-55.48	5.24	0.25	45.24	Average	54	Pass
NVNT	ax80	5290	Ant3	5460	-51.14	5.24	-	49.33	Peak	68.2	Pass
NVNT	ax80	5290	Ant3	5460	-57.78	5.24	0.25	42.94	Average	54	Pass
NVNT	ax80	5290	Ant3	4500	-50.74	5.24	-	49.73	Peak	68.2	Pass
NVNT	ax80	5290	Ant3	4500	-59.11	5.24	0.25	41.61	Average	54	Pass
NVNT	ax80	5290	Ant3	5134.23	-46.53	5.24	-	53.94	Peak	68.2	Pass
NVNT	ax80	5290	Ant3	5149.02	-56.34	5.24	0.25	44.38	Average	54	Pass
NVNT	ax80	5290	Ant3	5150	-49.36	5.24	-	51.11	Peak	68.2	Pass
NVNT	ax80	5290	Ant3	5150	-56.45	5.24	0.25	44.27	Average	54	Pass
NVNT	ac160	5250	Ant3	5350	-49.44	5.24	-	51.03	Peak	68.2	Pass
NVNT	ac160	5250	Ant3	5350	-56.46	5.24	0.25	44.26	Average	54	Pass
NVNT	ac160	5250	Ant3	5353.81	-47.24	5.24	-	53.23	Peak	68.2	Pass
NVNT	ac160	5250	Ant3	5355.29	-54.87	5.24	0.25	45.85	Average	54	Pass
NVNT	ac160	5250	Ant3	5460	-56.97	5.24	-	43.5	Peak	68.2	Pass
NVNT	ac160	5250	Ant3	5460	-63.03	5.24	0.25	37.69	Average	54	Pass
NVNT	ac160	5250	Ant3	4500	-59.11	5.24	-	41.36	Peak	68.2	Pass
NVNT	ac160	5250	Ant3	4500	-67.45	5.24	0.25	33.27	Average	54	Pass
NVNT	ac160	5250	Ant3	5147.01	-47.59	5.24	-	52.88	Peak	68.2	Pass
NVNT	ac160	5250	Ant3	4874.01	-53.68	5.24	0.25	47.04	Average	54	Pass
NVNT	ac160	5250	Ant3	5150	-51.47	5.24	-	49	Peak	68.2	Pass
NVNT	ac160	5250	Ant3	5150	-57.83	5.24	0.25	42.89	Average	54	Pass
NVNT	ax160	5250	Ant3	5350	-50.14	5.24	-	50.33	Peak	68.2	Pass
NVNT	ax160	5250	Ant3	5350	-57.81	5.24	0.62	43.28	Average	54	Pass





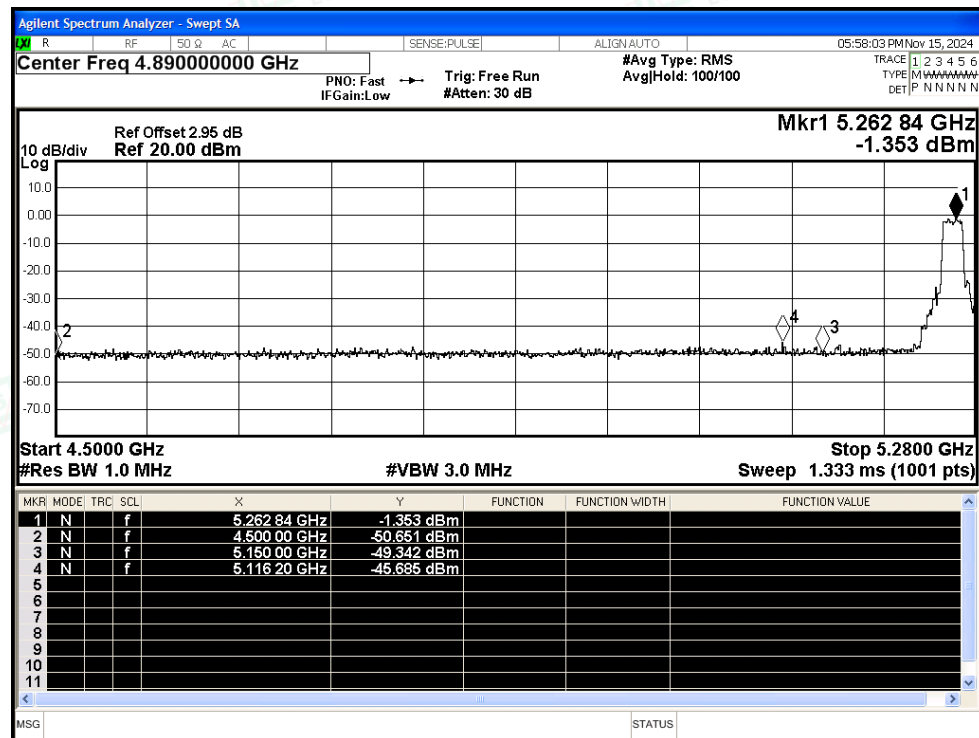
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NVNT	ax160	5250	Ant3	5381.93	-56.76	5.24	0.62	44.33	Average	54	Pass
NVNT	ax160	5250	Ant3	5460	-54.41	5.24	-	46.06	Peak	68.2	Pass
NVNT	ax160	5250	Ant3	5460	-62.95	5.24	0.62	38.14	Average	54	Pass
NVNT	ax160	5250	Ant3	4500	-60.05	5.24	-	40.42	Peak	68.2	Pass
NVNT	ax160	5250	Ant3	4500	-68.03	5.24	0.62	33.06	Average	54	Pass
NVNT	ax160	5250	Ant3	5137.91	-44.95	5.24	-	55.52	Peak	68.2	Pass
NVNT	ax160	5250	Ant3	5137	-58.38	5.24	0.62	42.71	Average	54	Pass
NVNT	ax160	5250	Ant3	5150	-49.18	5.24	-	51.29	Peak	68.2	Pass
NVNT	ax160	5250	Ant3	5150	-59.13	5.24	0.62	41.96	Average	54	Pass



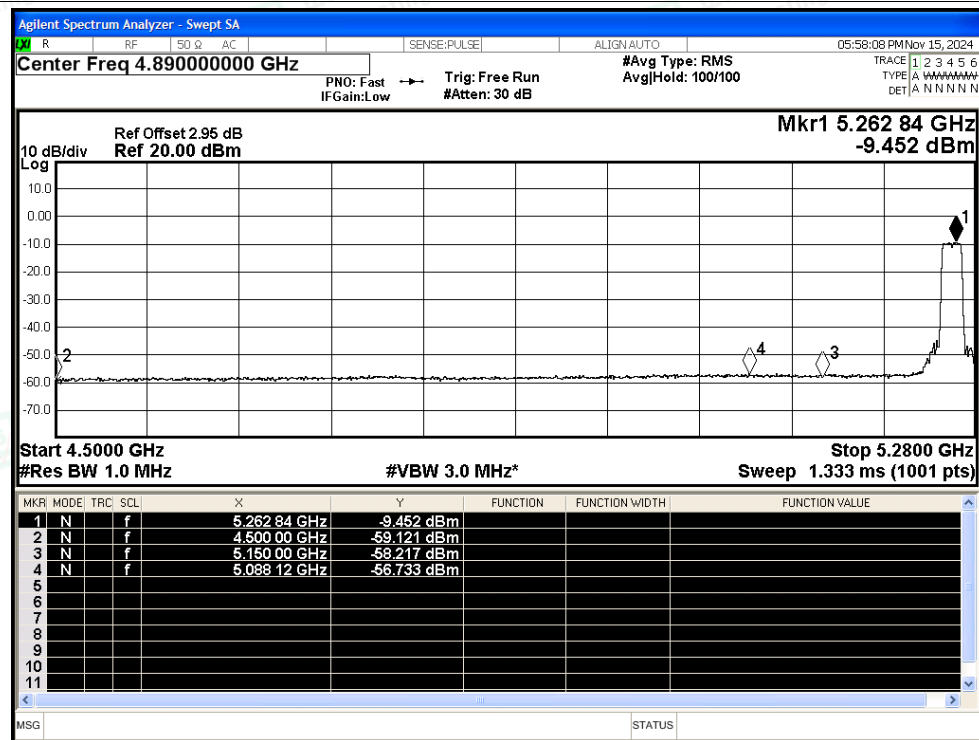


Test Graphs

Restrict Band NVNT a 5260MHz Ant3 Peak



Restrict Band NVNT a 5260MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

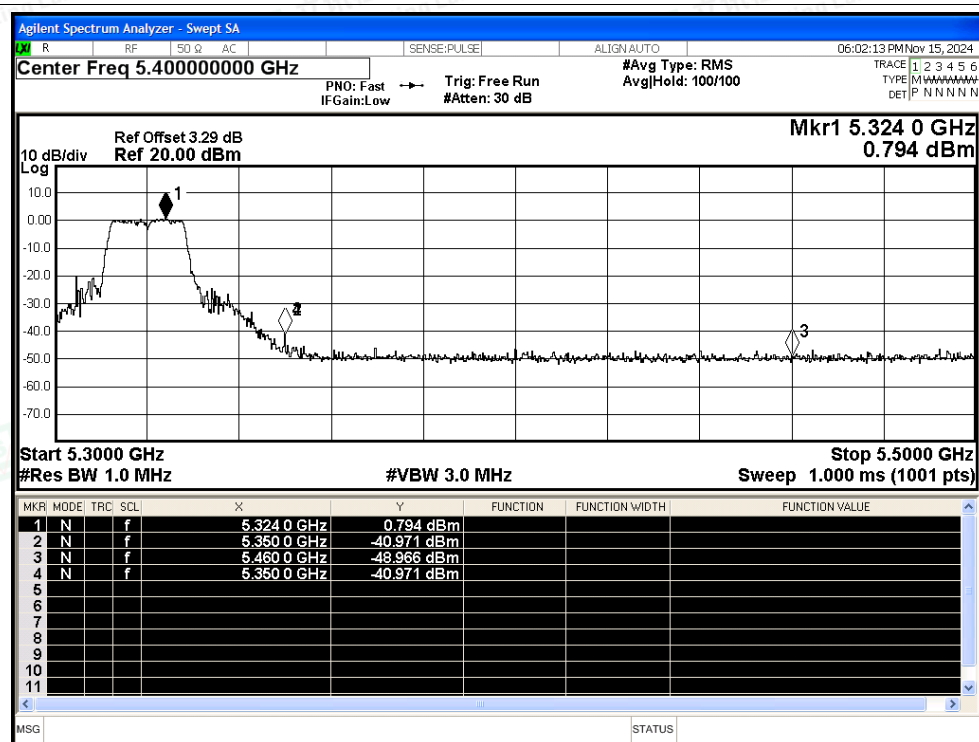
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

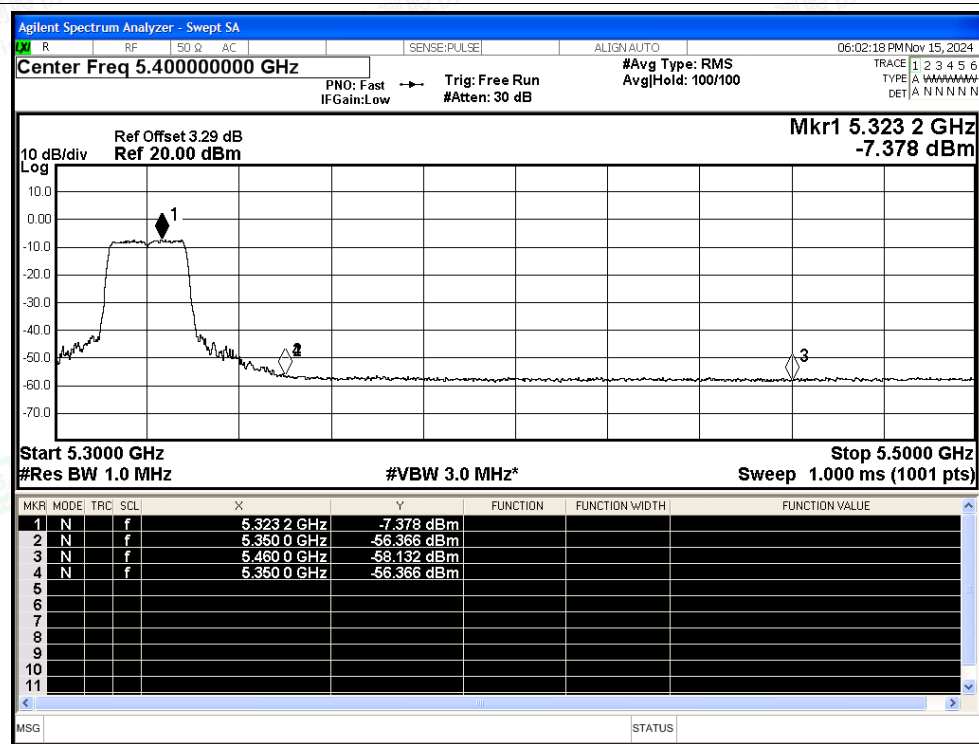
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Restrict Band NVNT a 5320MHz Ant3 Peak

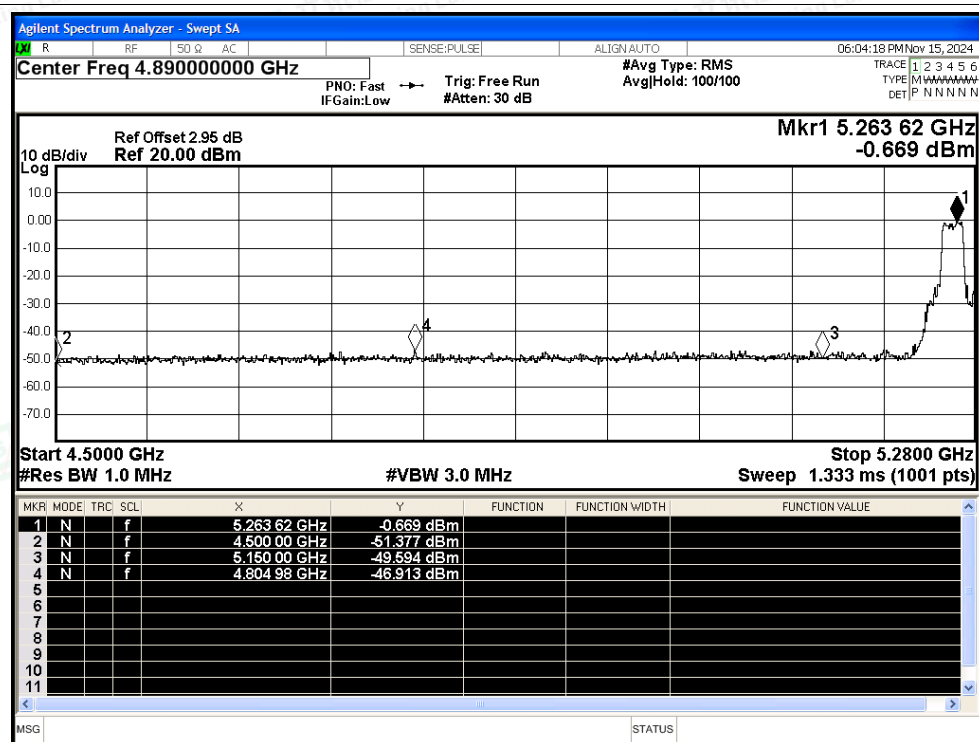


Restrict Band NVNT a 5320MHz Ant3 Average

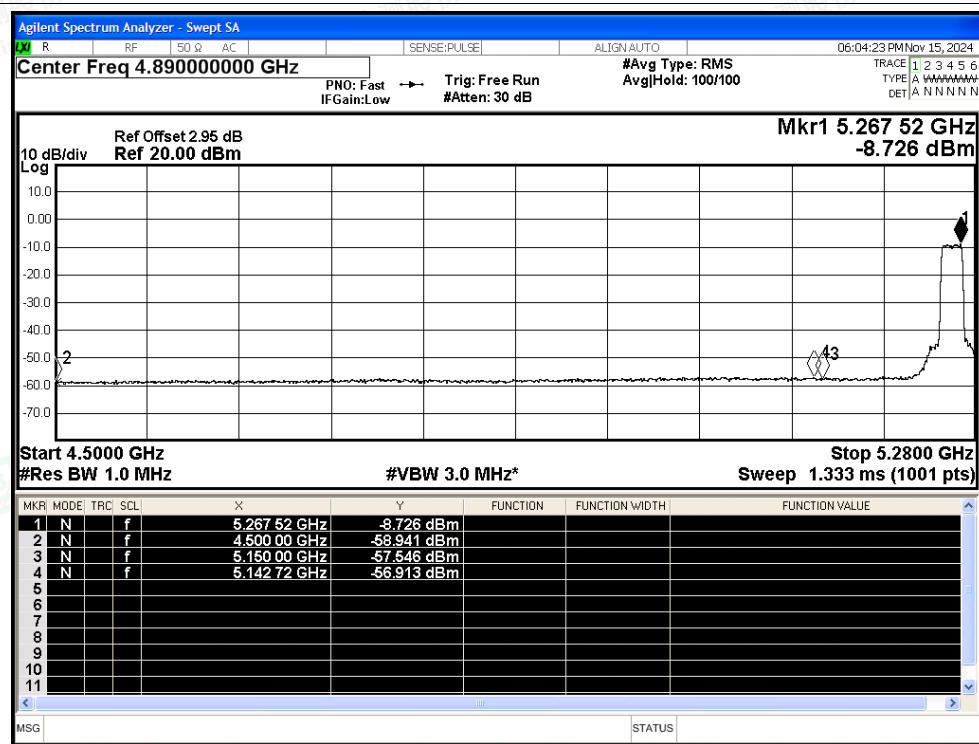




Restrict Band NVNT n20 5260MHz Ant3 Peak

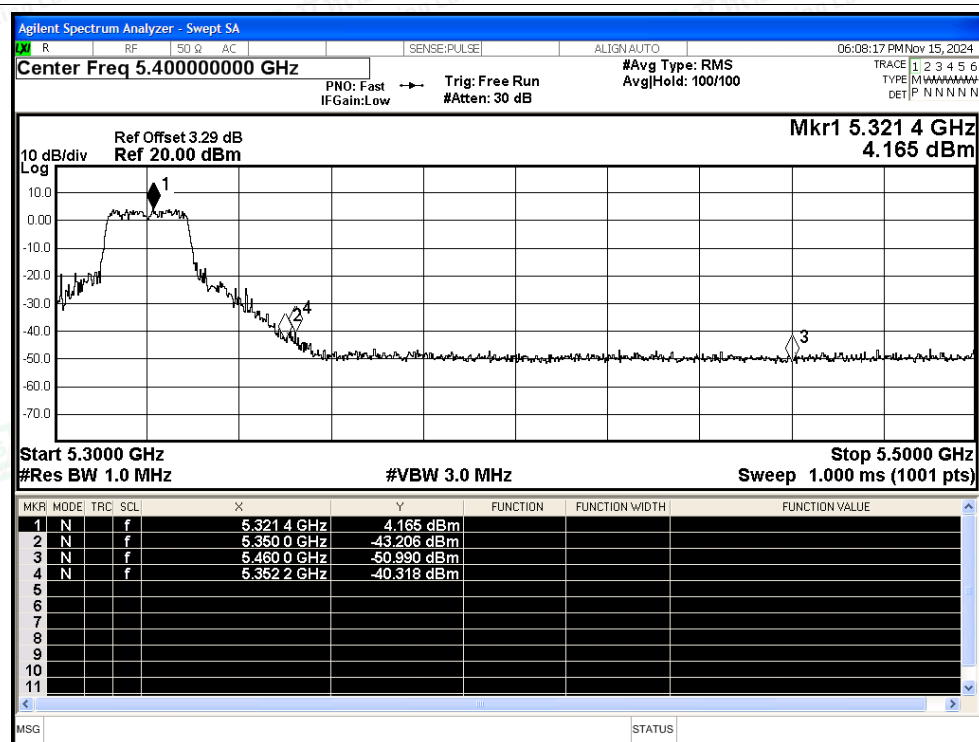


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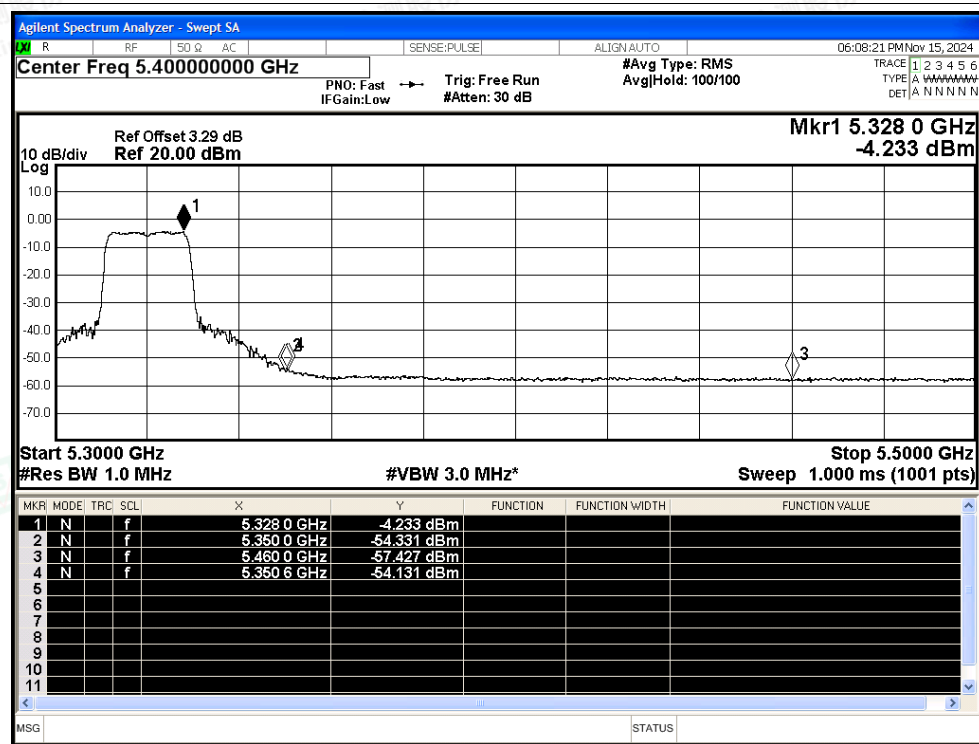




Restrict Band NVNT n20 5320MHz Ant3 Peak



Restrict Band NVNT n20 5320MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

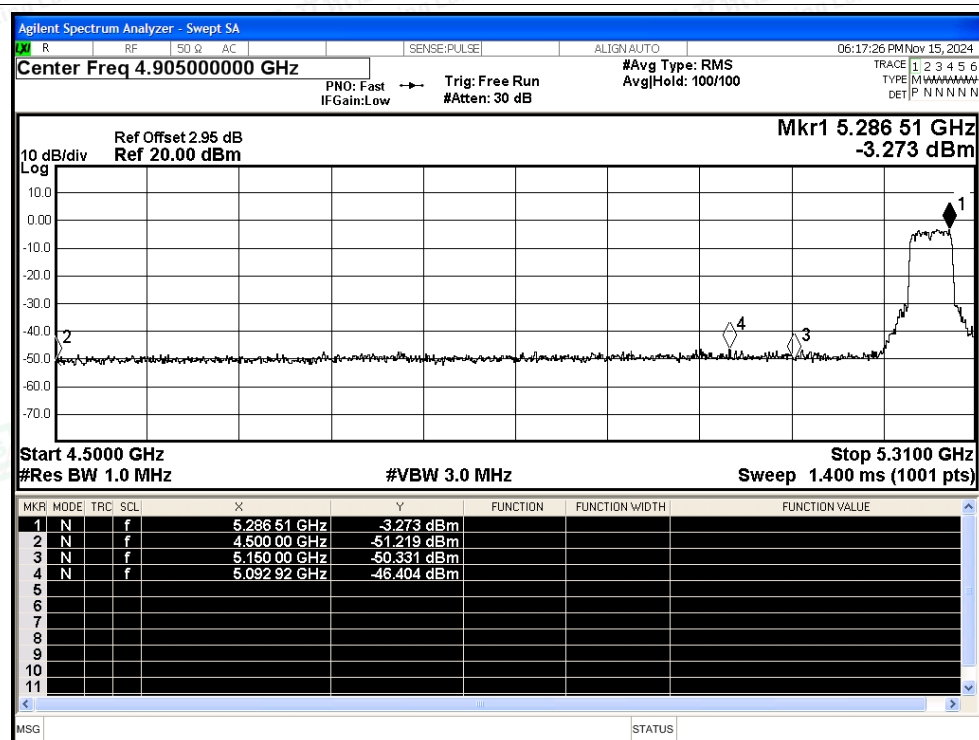
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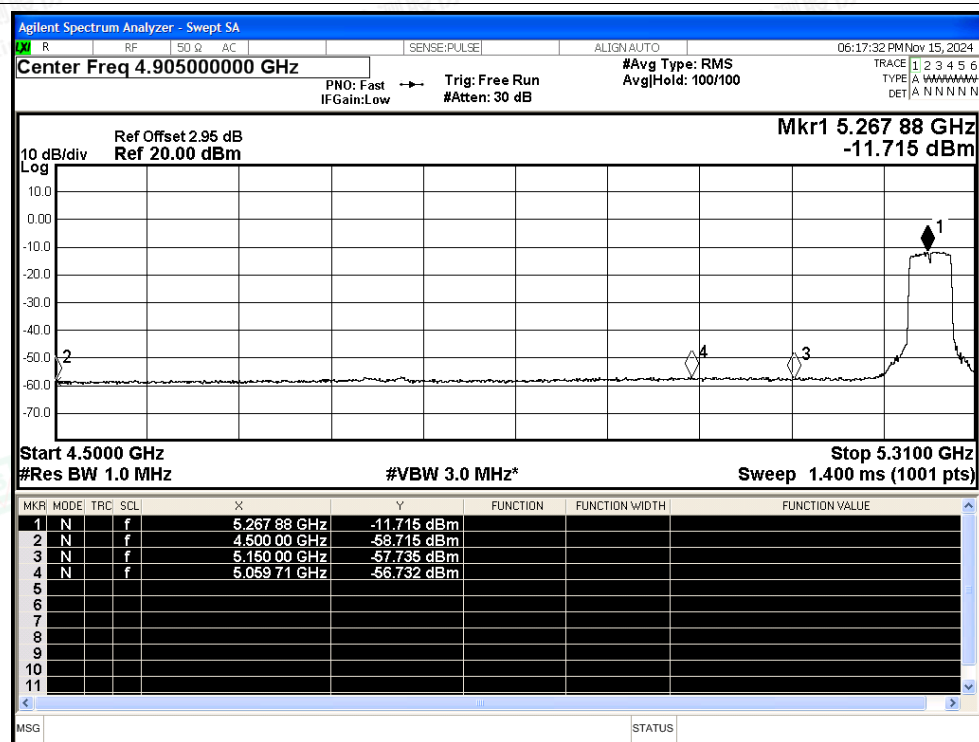
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Restrict Band NVNT n40 5270MHz Ant3 Peak



Restrict Band NVNT n40 5270MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

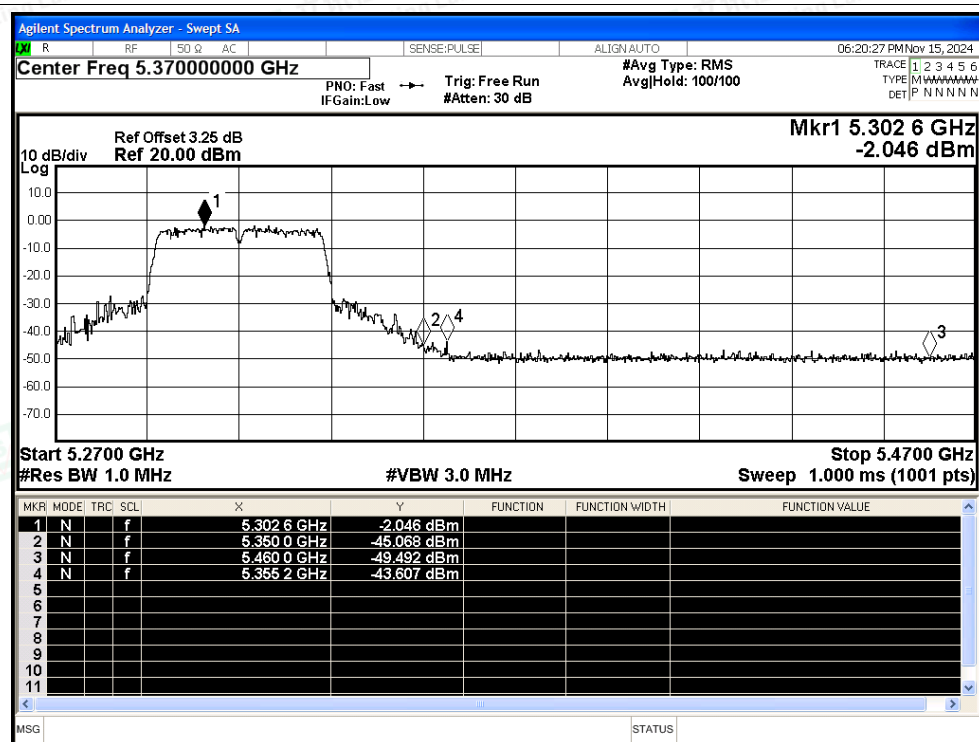
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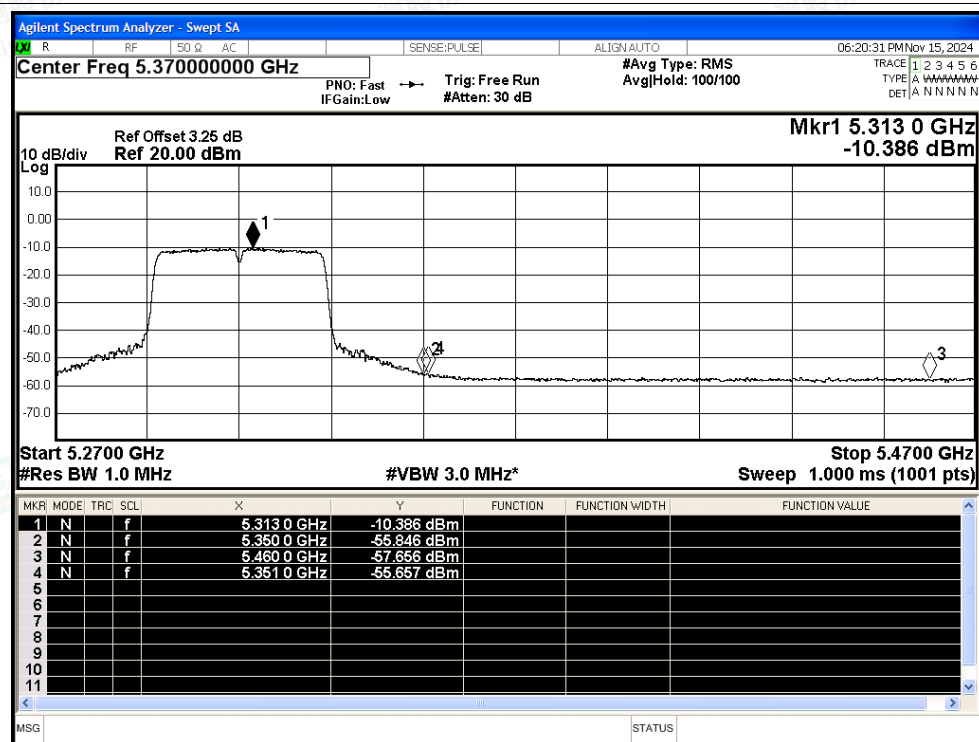
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Restrict Band NVNT n40 5310MHz Ant3 Peak



Restrict Band NVNT n40 5310MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

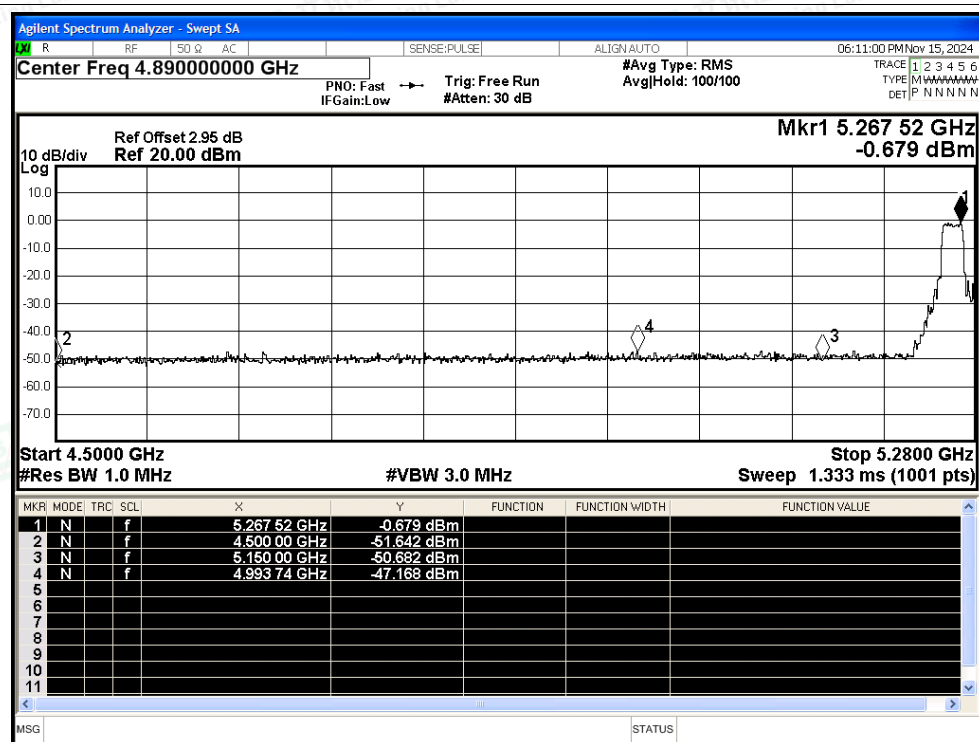
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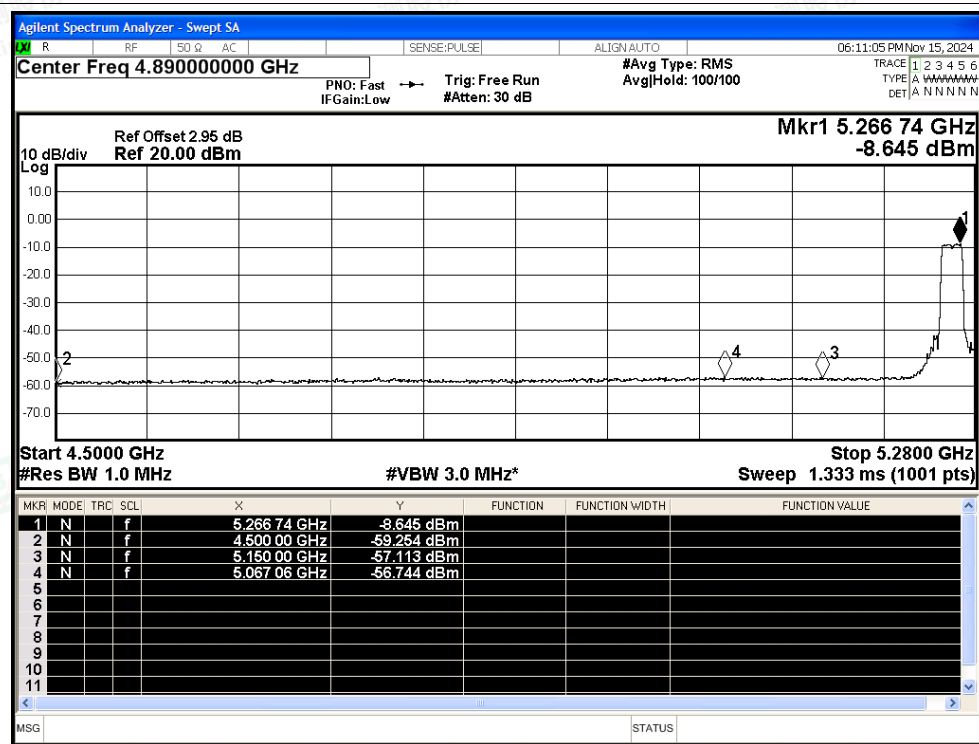
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Restrict Band NVNT ac20 5260MHz Ant3 Peak



Restrict Band NVNT ac20 5260MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

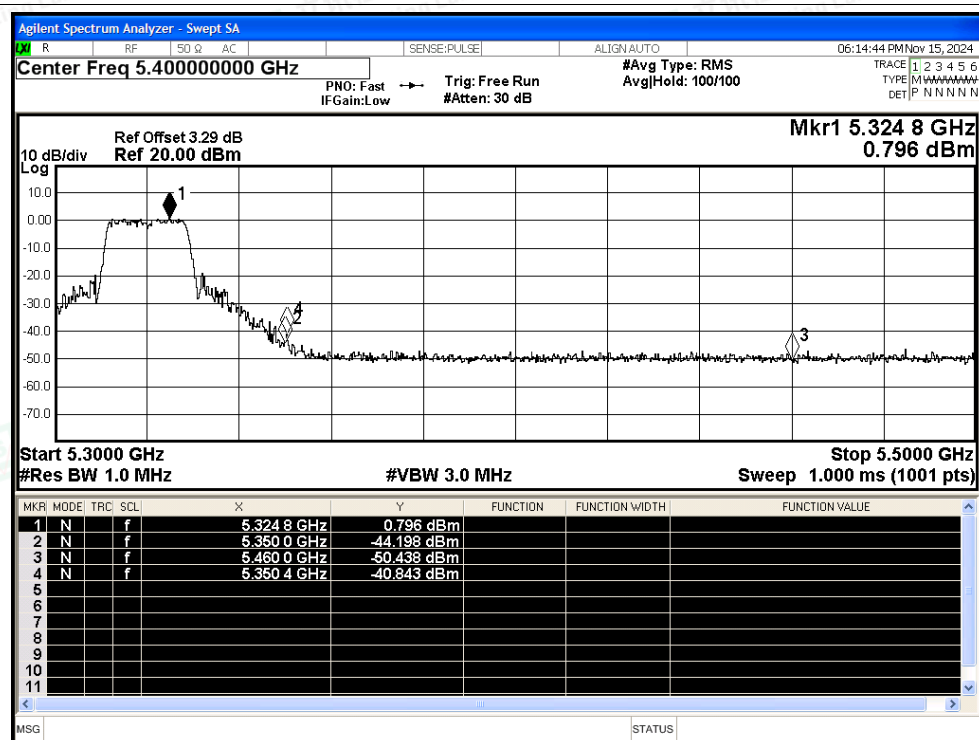
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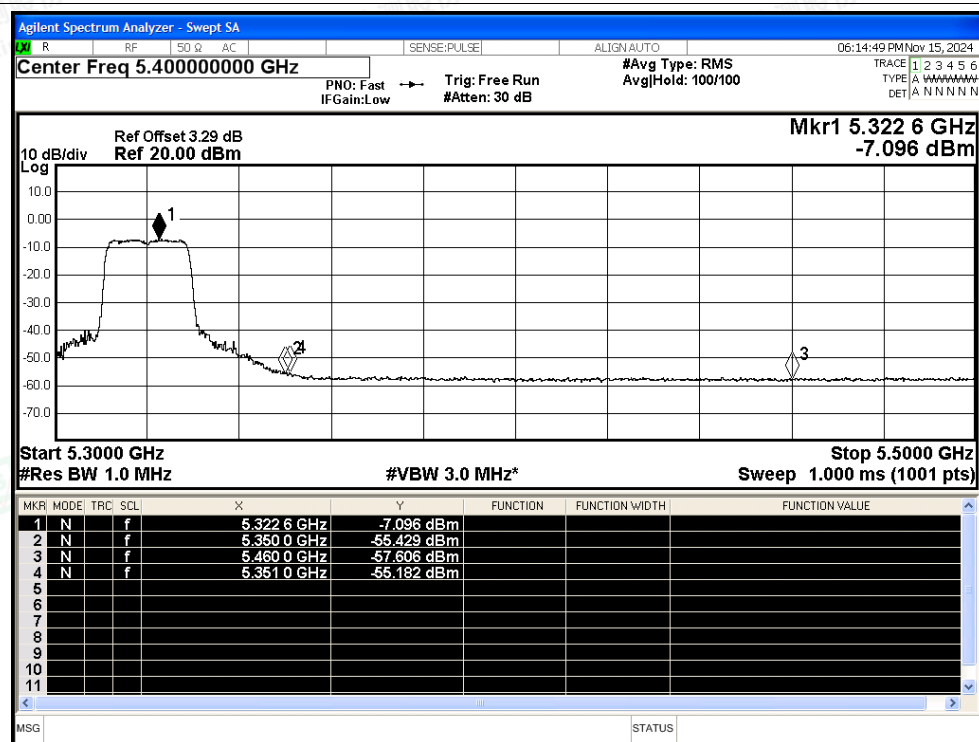
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Restrict Band NVNT ac20 5320MHz Ant3 Peak



Restrict Band NVNT ac20 5320MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

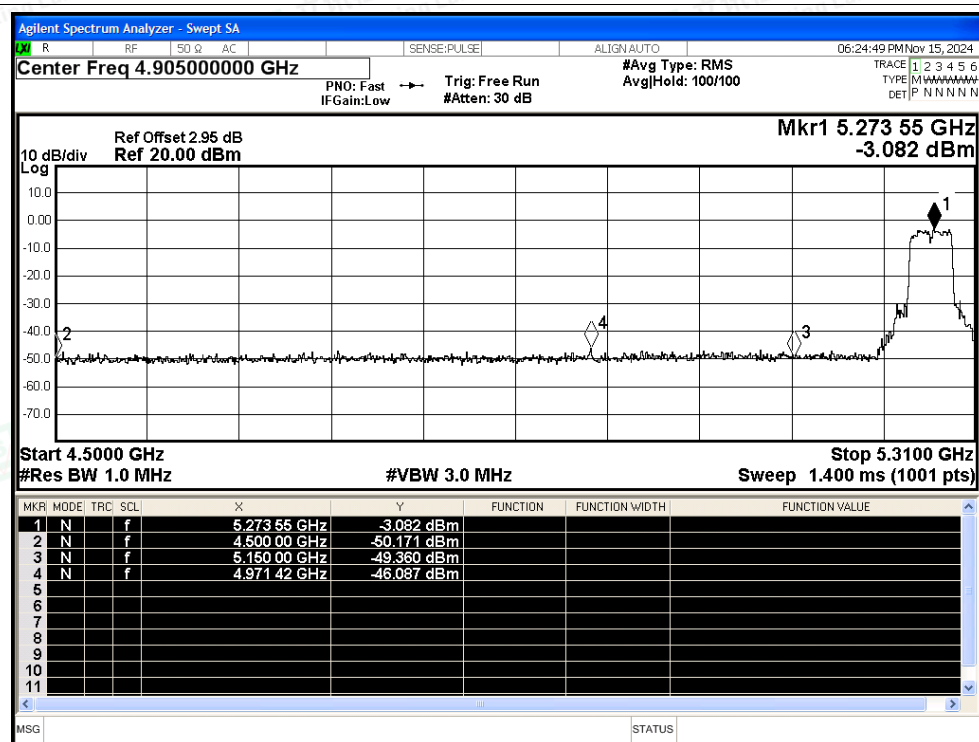
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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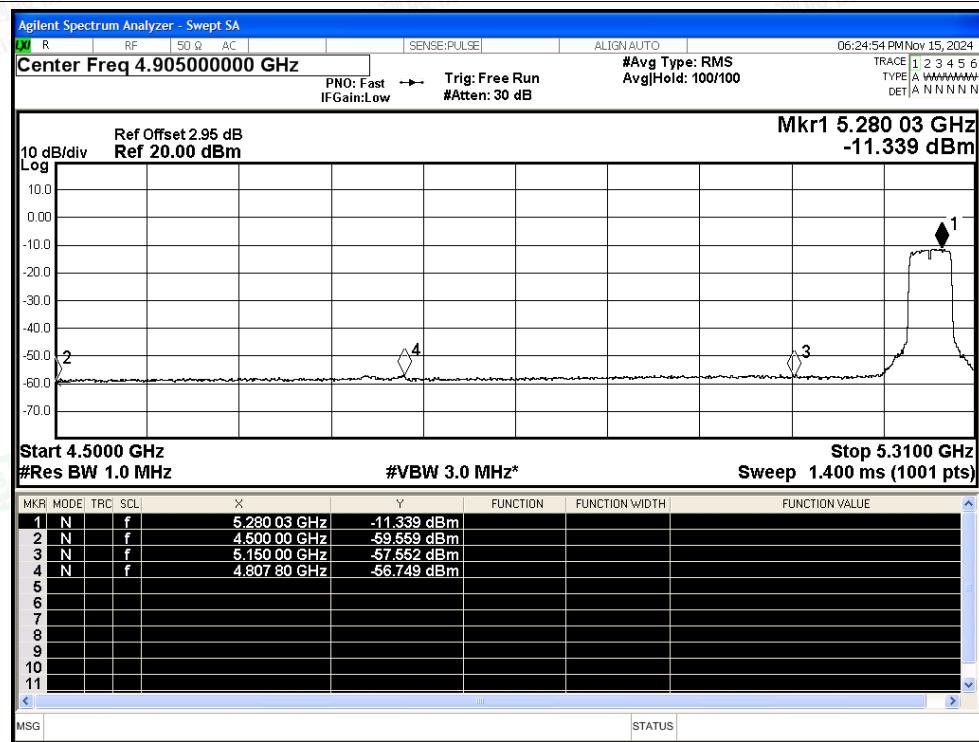
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Restrict Band NVNT ac40 5270MHz Ant3 Peak



Restrict Band NVNT ac40 5270MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

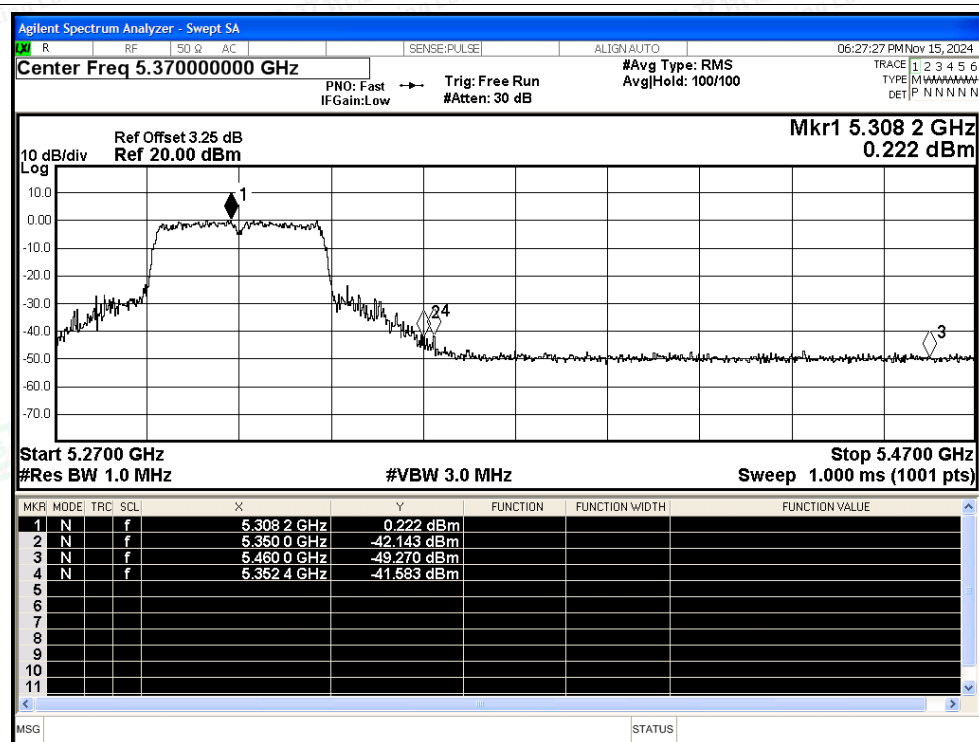
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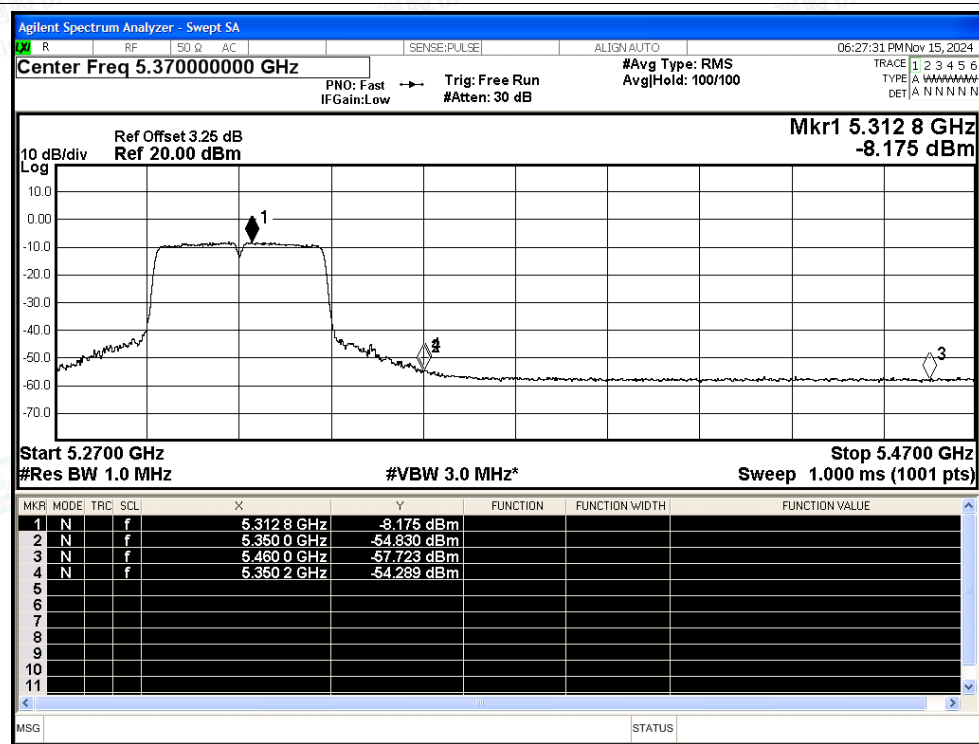
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Restrict Band NVNT ac40 5310MHz Ant3 Peak



Restrict Band NVNT ac40 5310MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

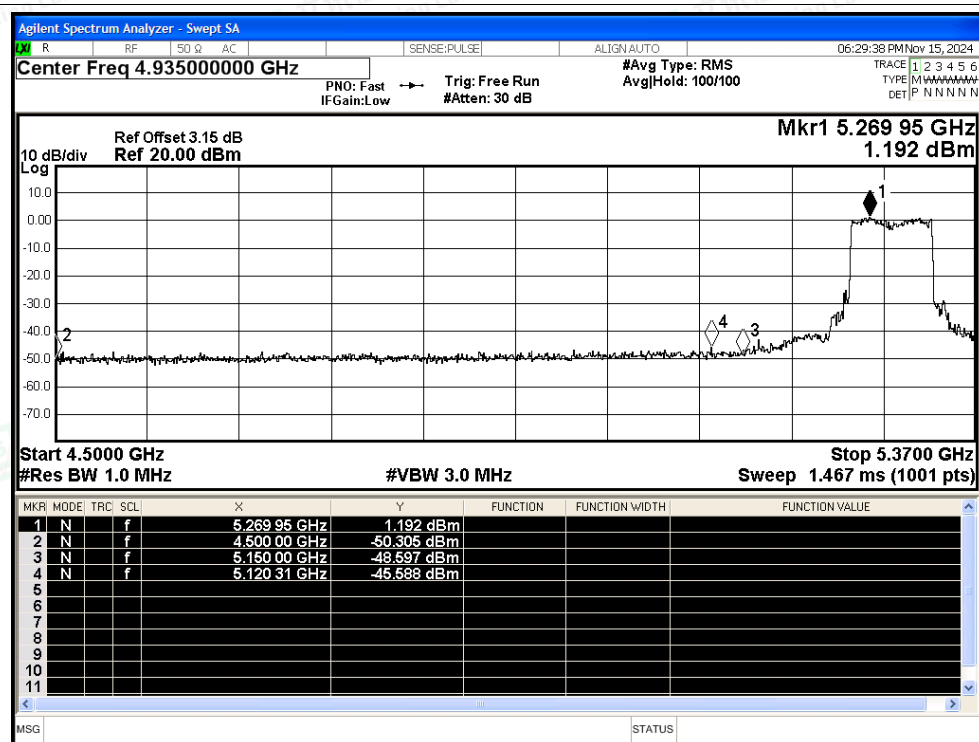
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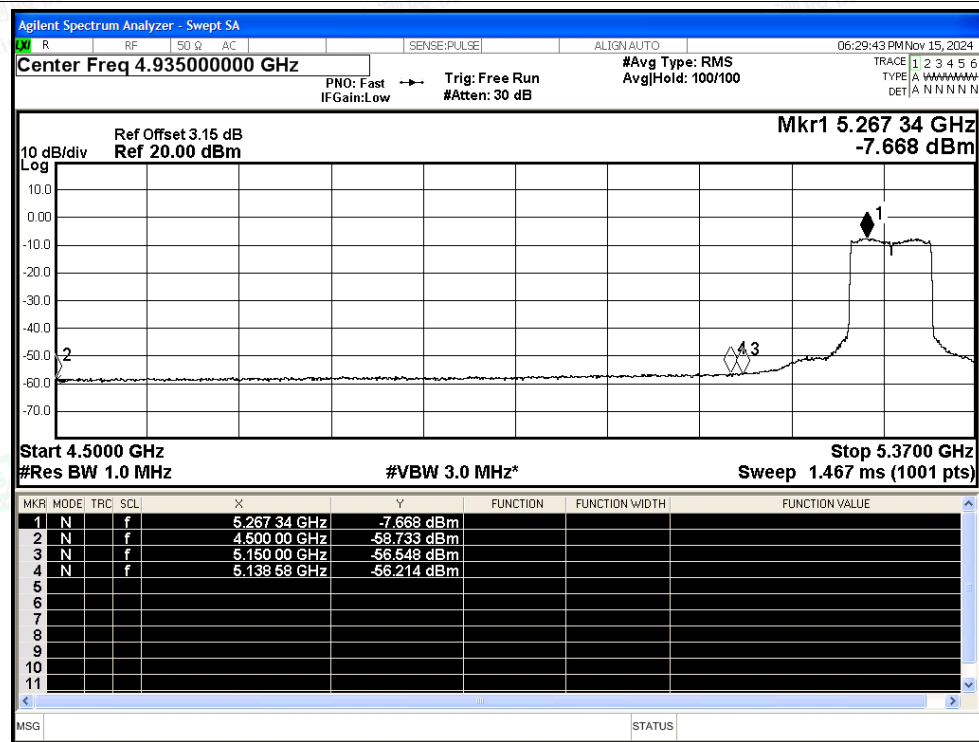
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Restrict Band NVNT ac80 5290MHz Ant3 Peak



Restrict Band NVNT ac80 5290MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

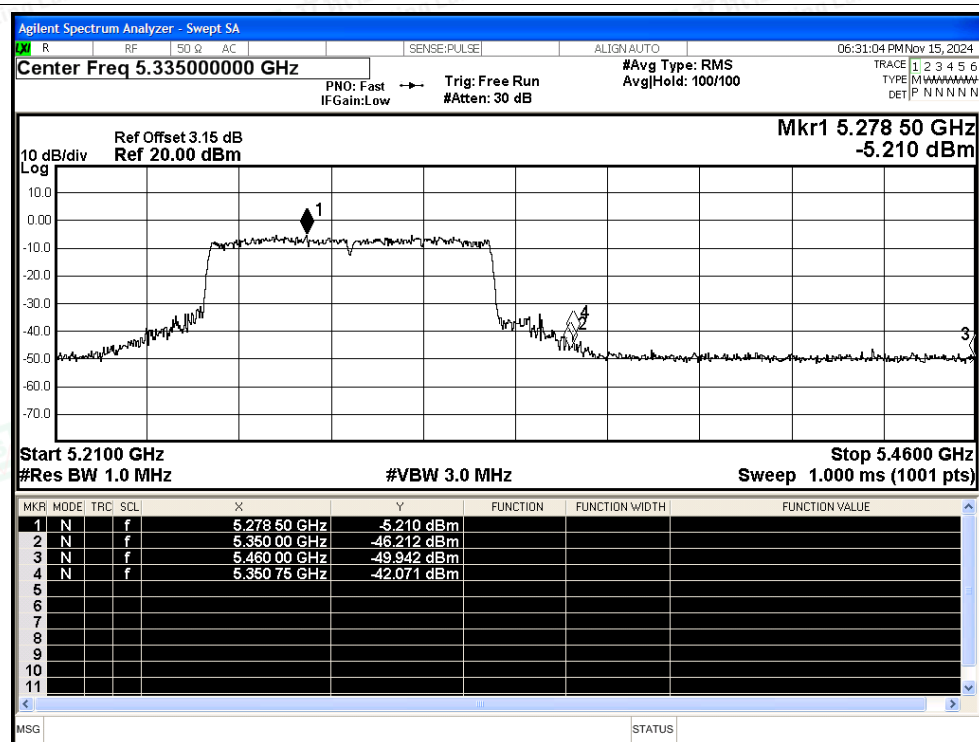
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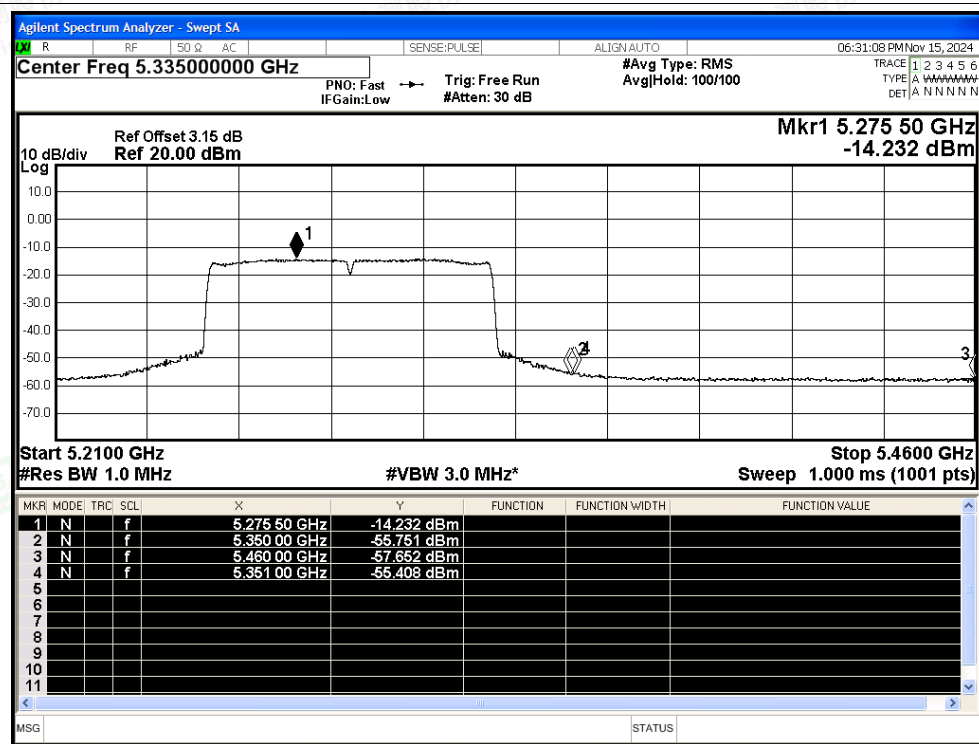
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Restrict Band NVNT ac80 5290MHz Ant3 Peak



Restrict Band NVNT ac80 5290MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

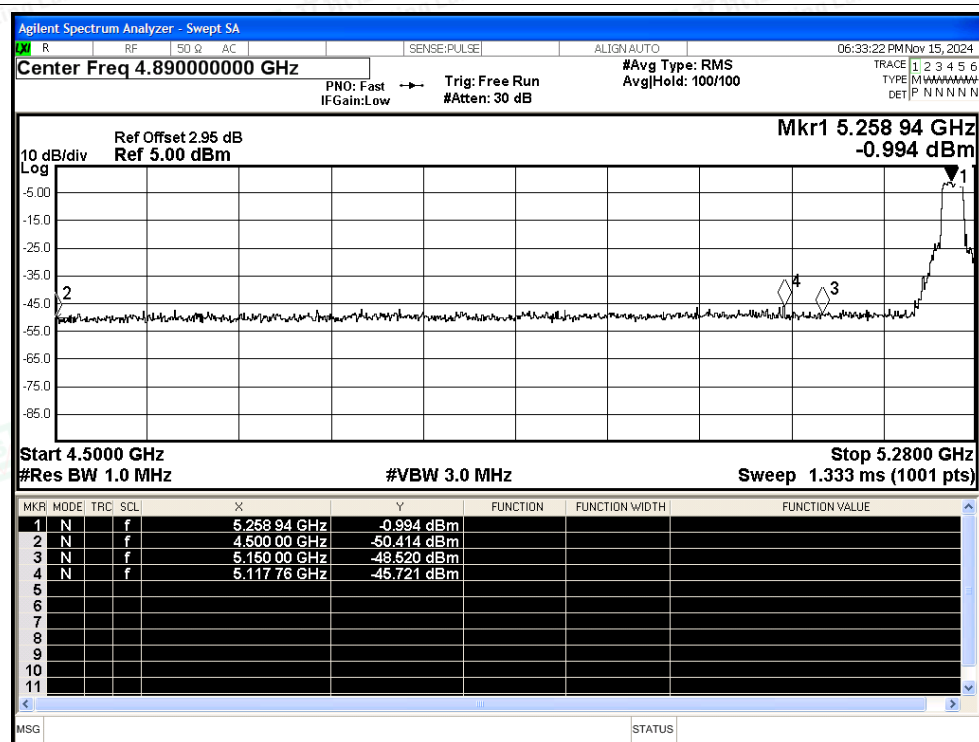
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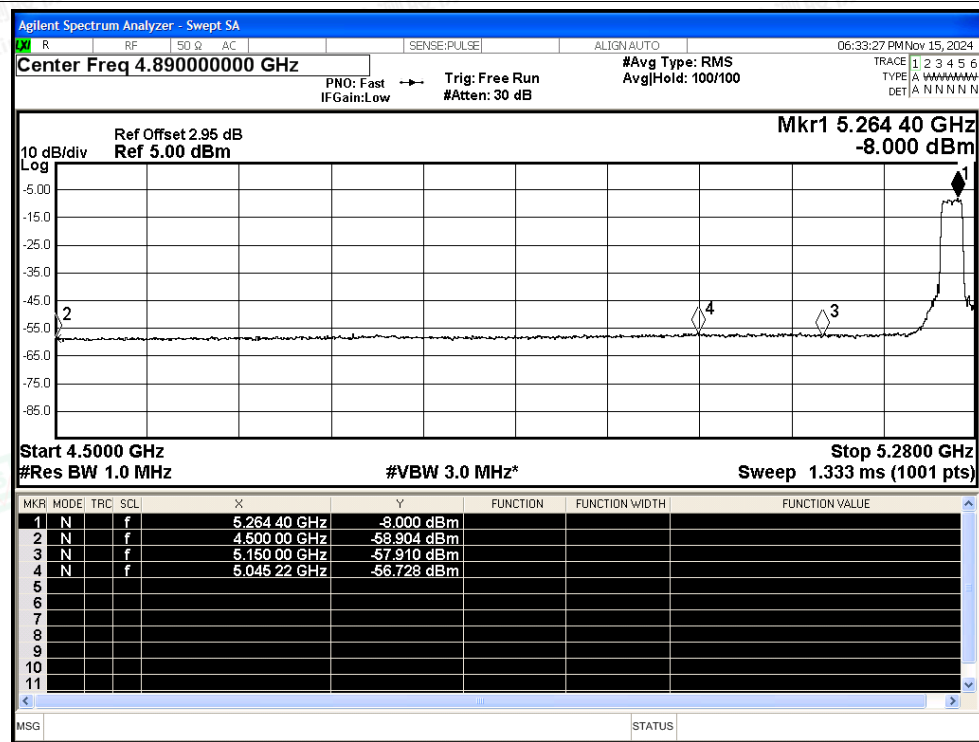
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Restrict Band NVNT ax20 5260MHz Ant3 Peak



Restrict Band NVNT ax20 5260MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

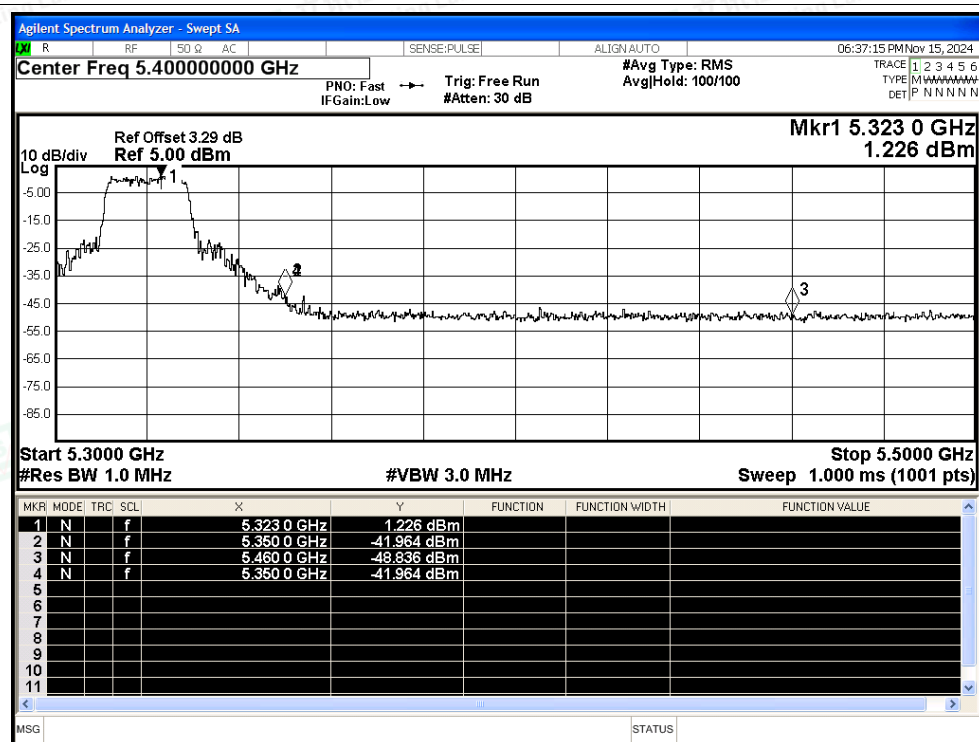
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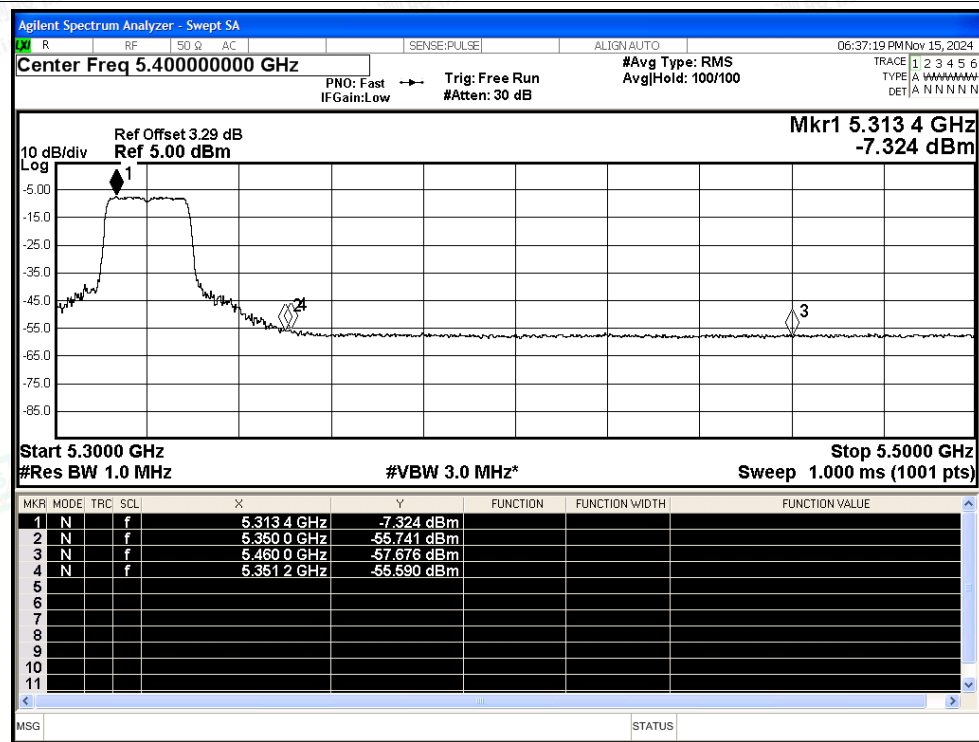
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Restrict Band NVNT ax20 5320MHz Ant3 Peak



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Shenzhen LCS Compliance Testing Laboratory Ltd.

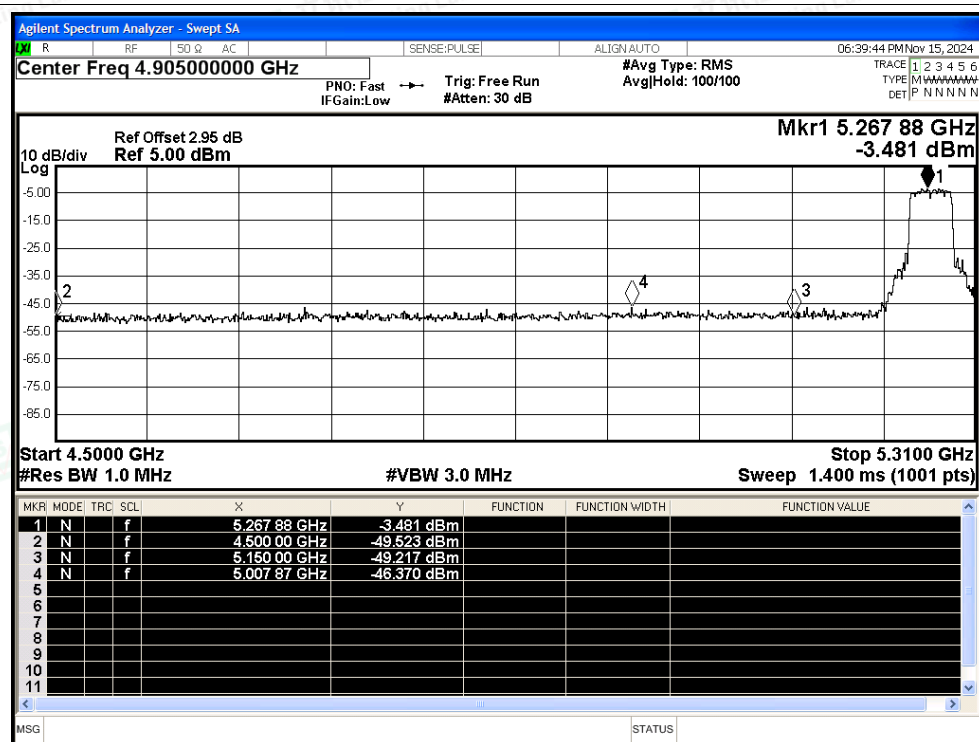
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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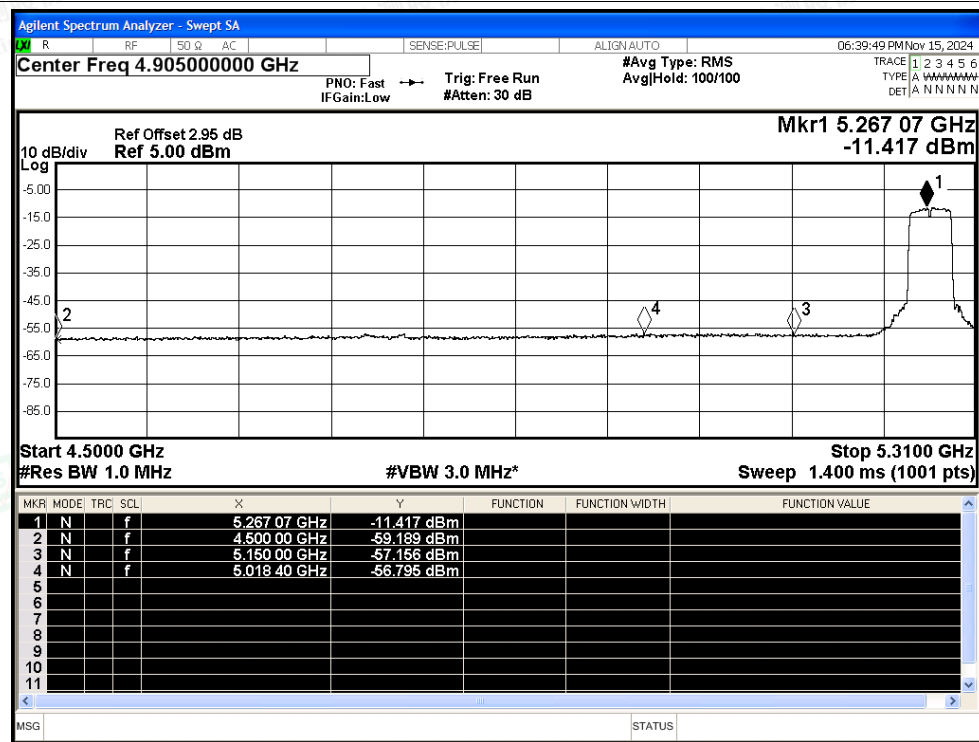
Scan code to check authenticity



Restrict Band NVNT ax40 5270MHz Ant3 Peak



Restrict Band NVNT ax40 5270MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

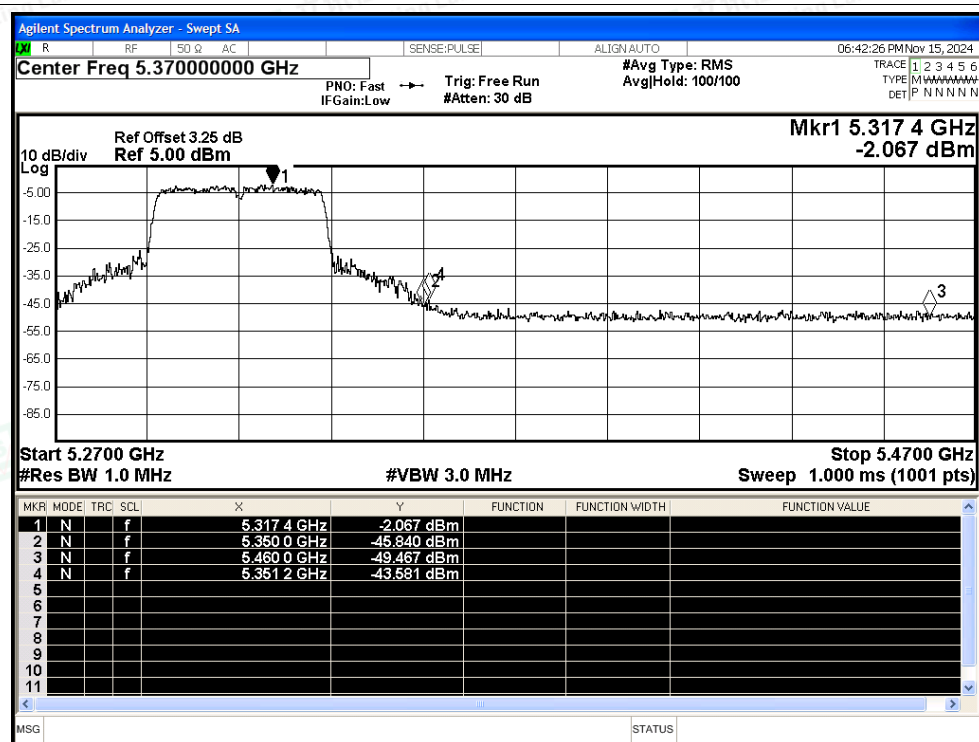
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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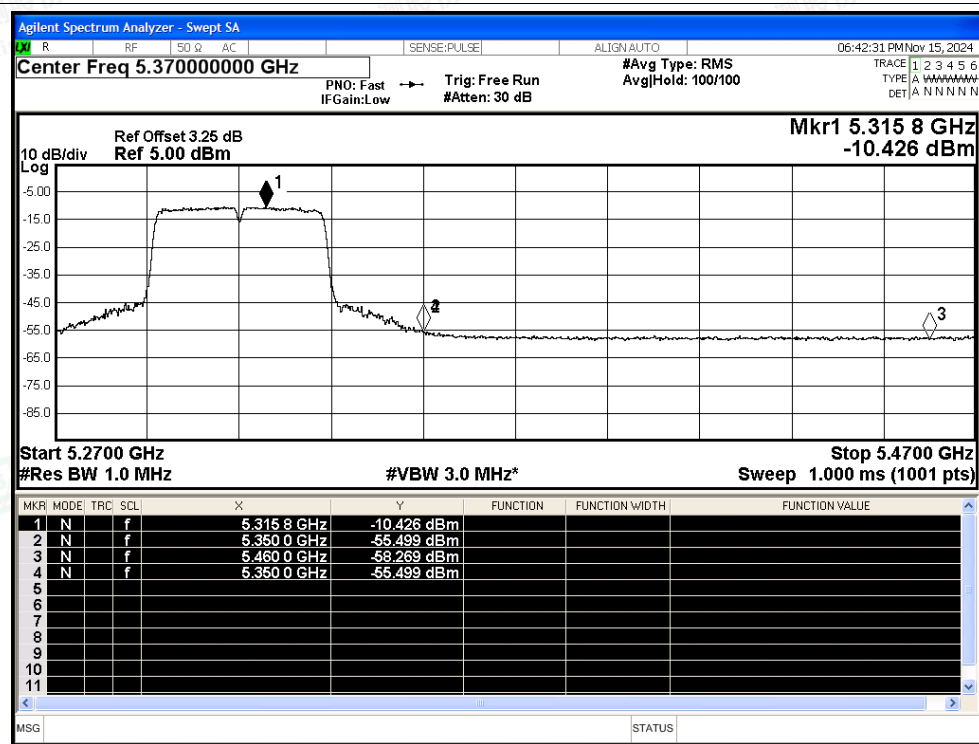
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Restrict Band NVNT ax40 5310MHz Ant3 Peak



Restrict Band NVNT ax40 5310MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

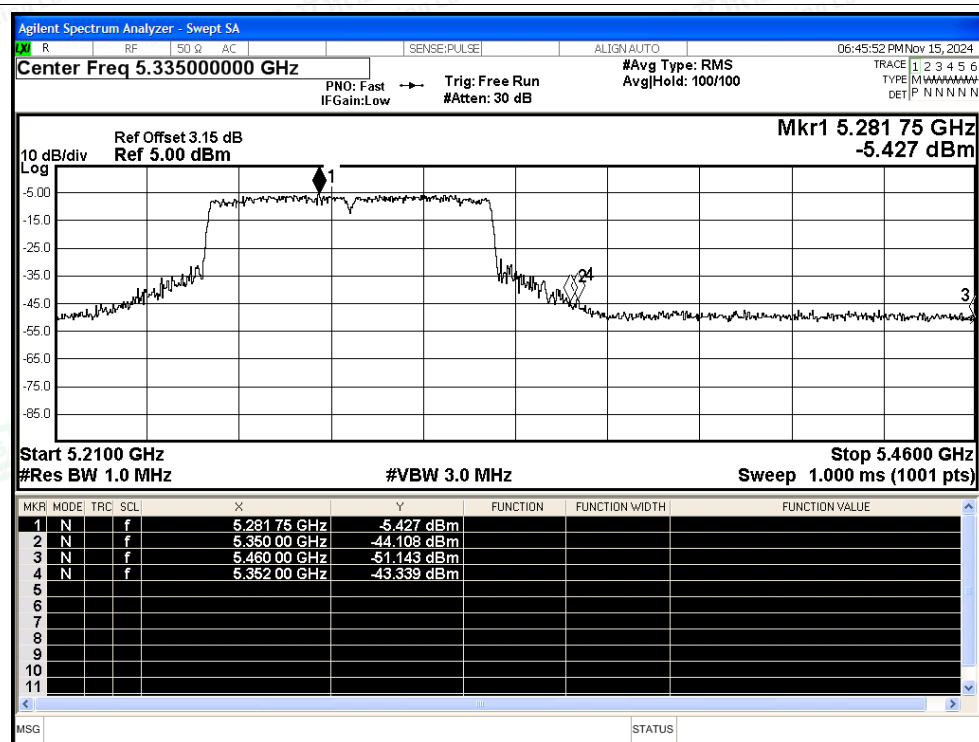
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

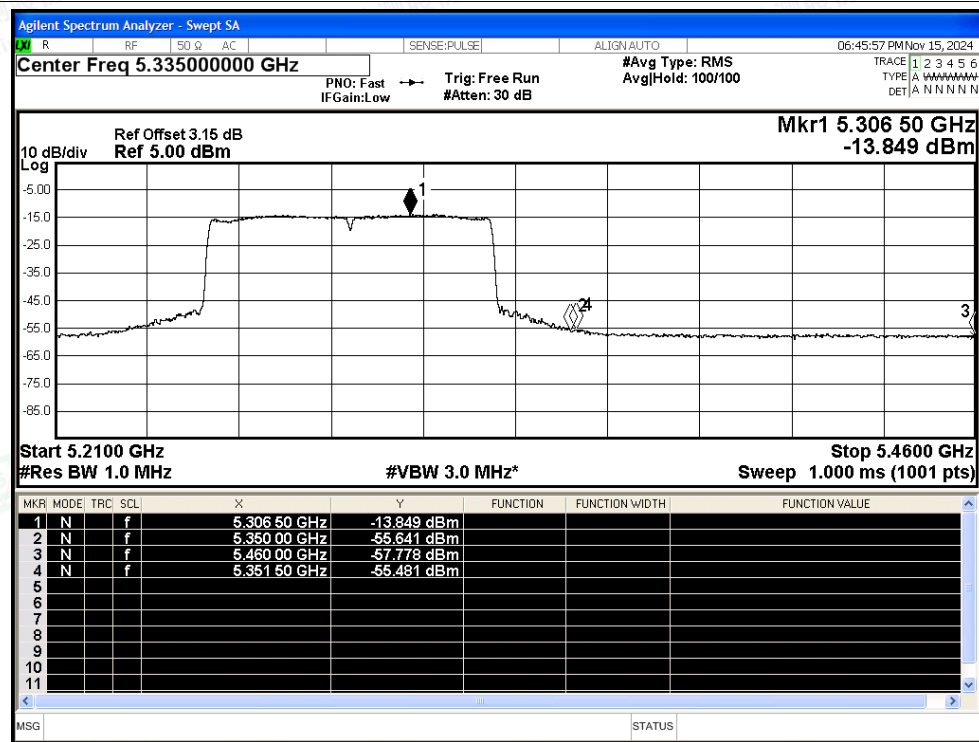
Scan code to check authenticity



Restrict Band NVNT ax80 5290MHz Ant3 Peak



Restrict Band NVNT ax80 5290MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

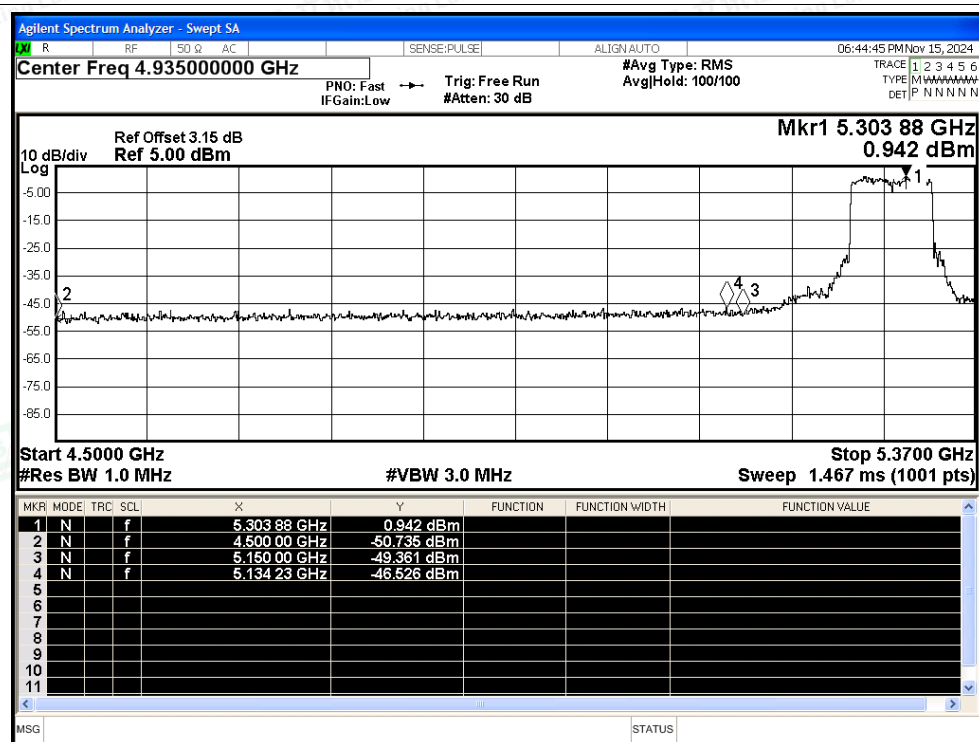
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

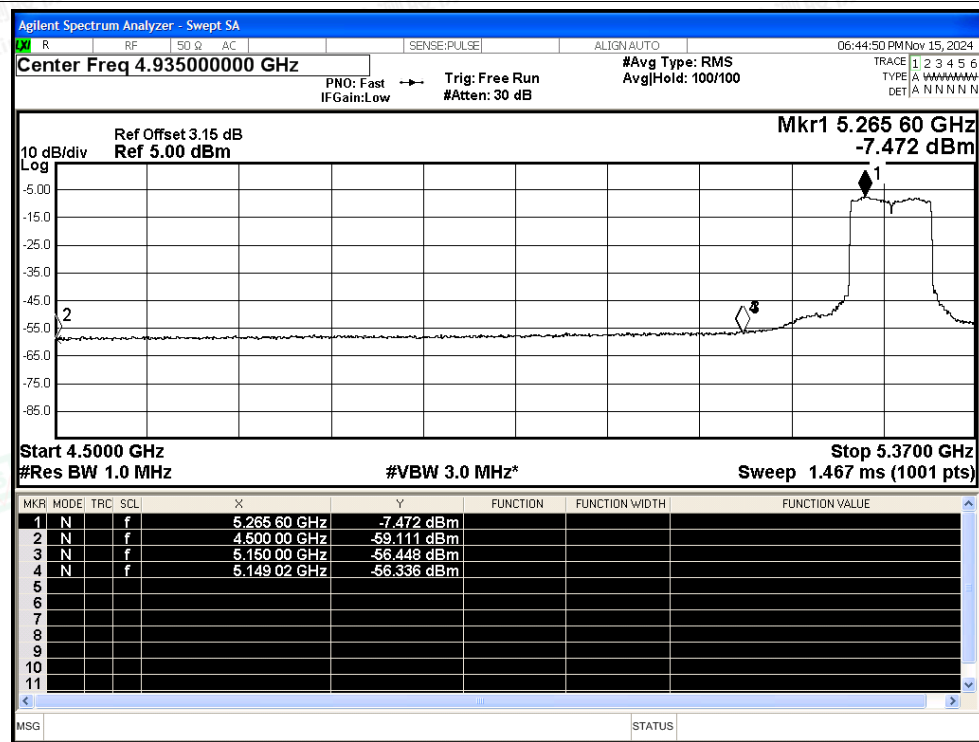
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Restrict Band NVNT ax80 5290MHz Ant3 Peak



Restrict Band NVNT ax80 5290MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

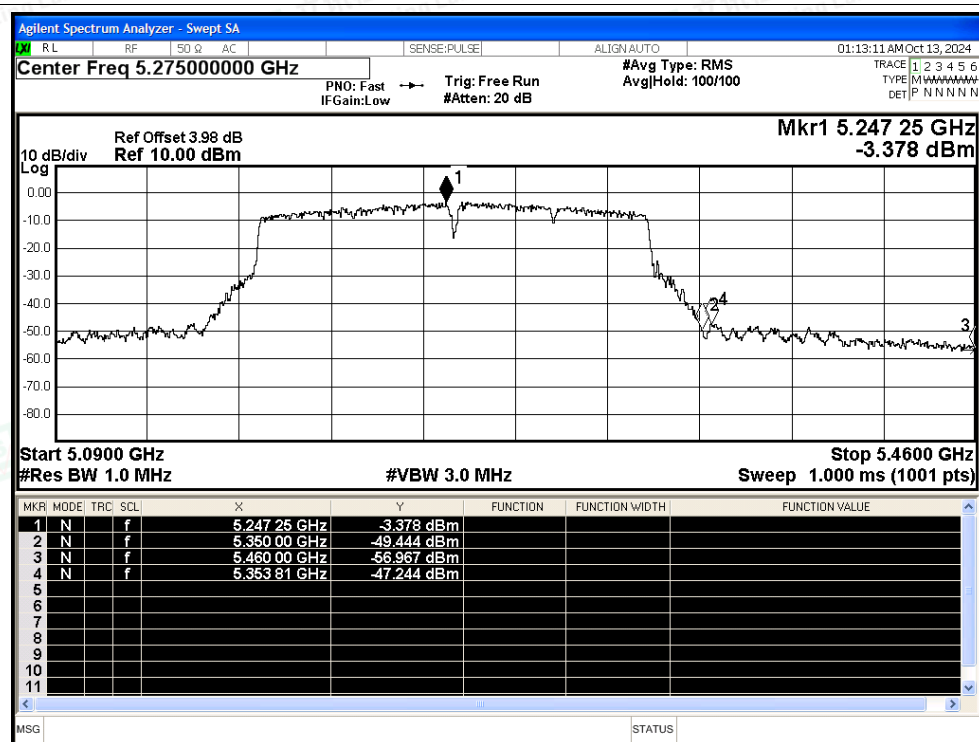
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

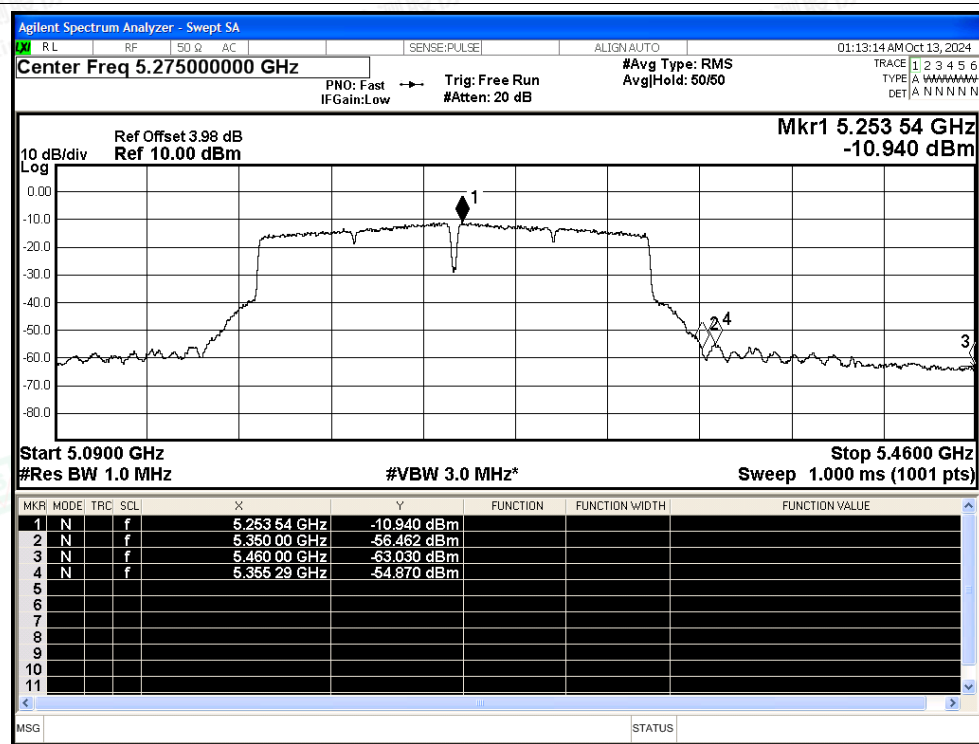
Scan code to check authenticity



Restrict Band NVNT ac160 5250MHz Ant3 Peak



Restrict Band NVNT ac160 5250MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

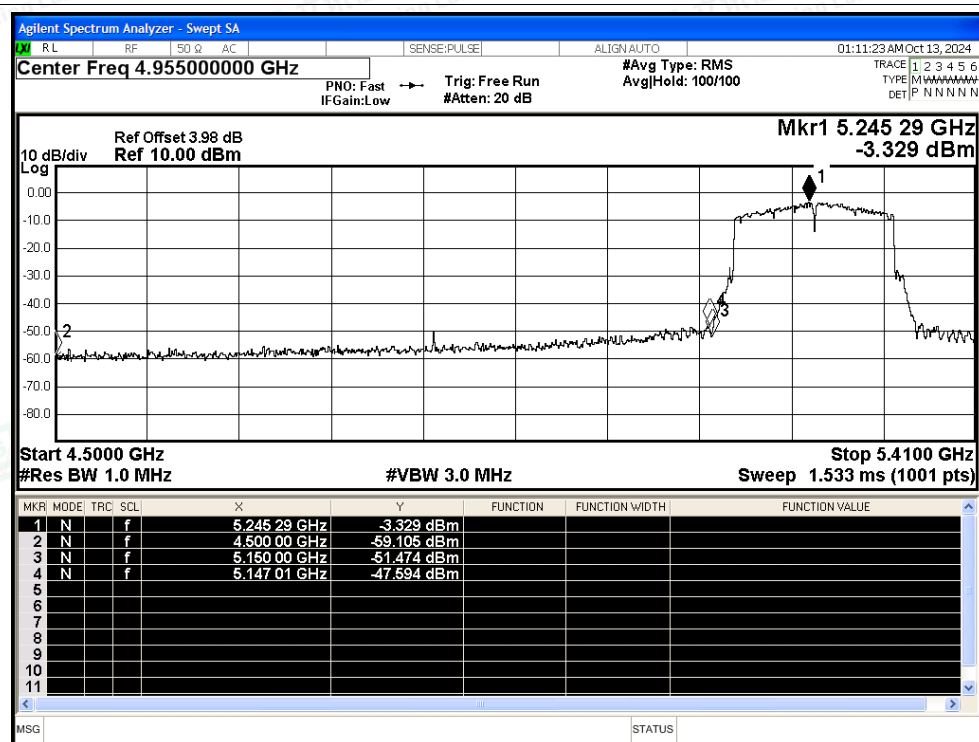
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

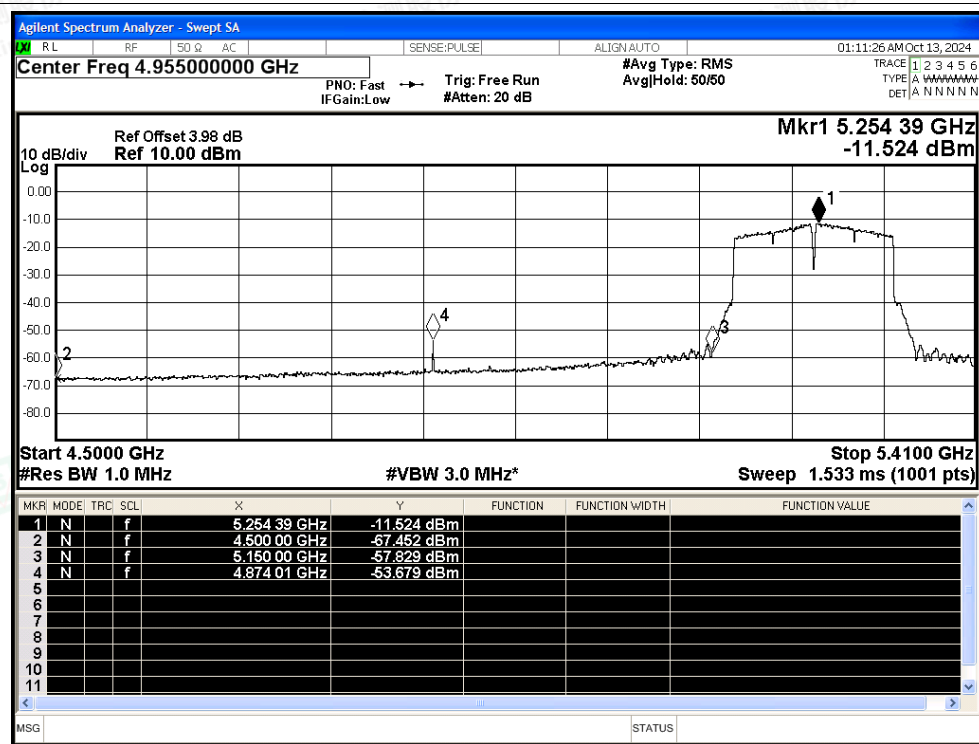
Scan code to check authenticity



Restrict Band NVNT ac160 5250MHz Ant3 Peak



Restrict Band NVNT ac160 5250MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

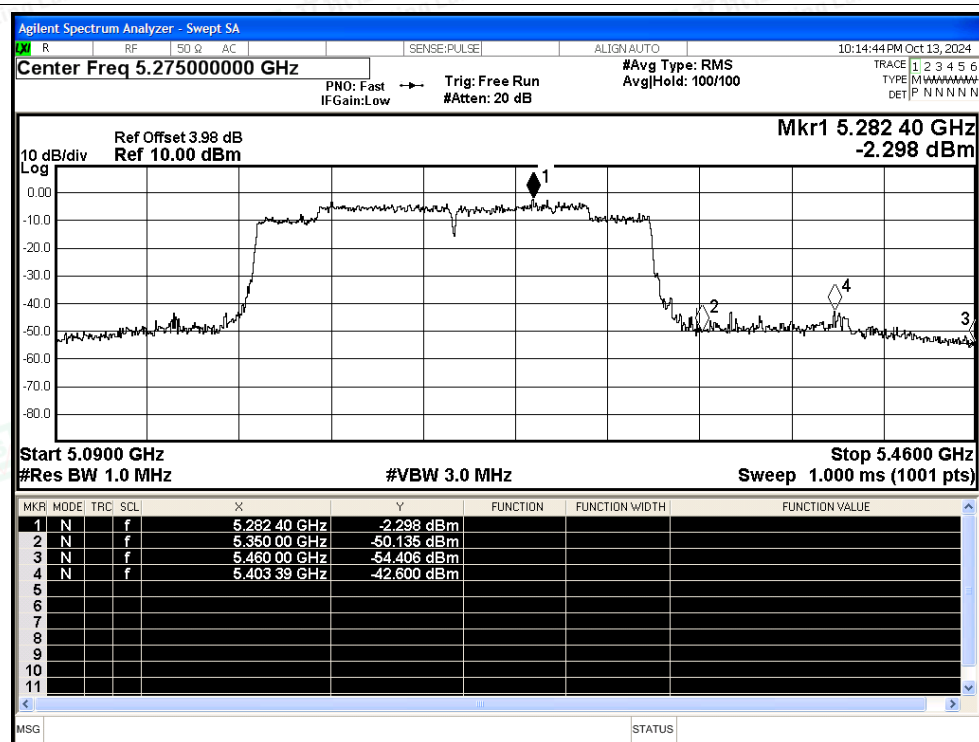
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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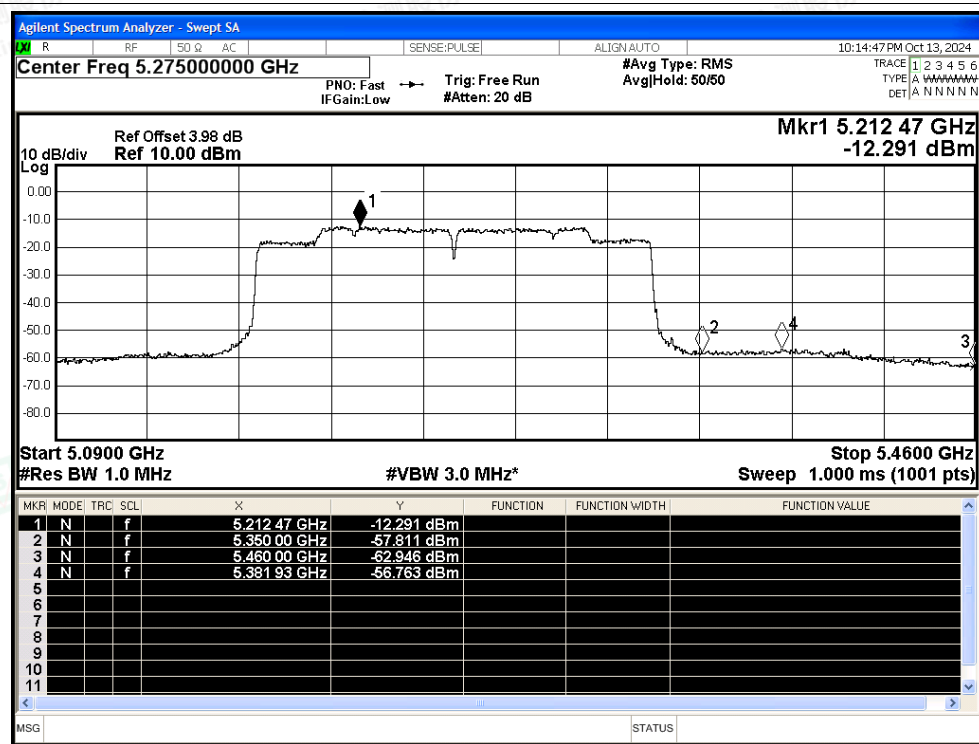
Scan code to check authenticity



Restrict Band NVNT ax160 5250MHz Ant3 Peak



Restrict Band NVNT ax160 5250MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

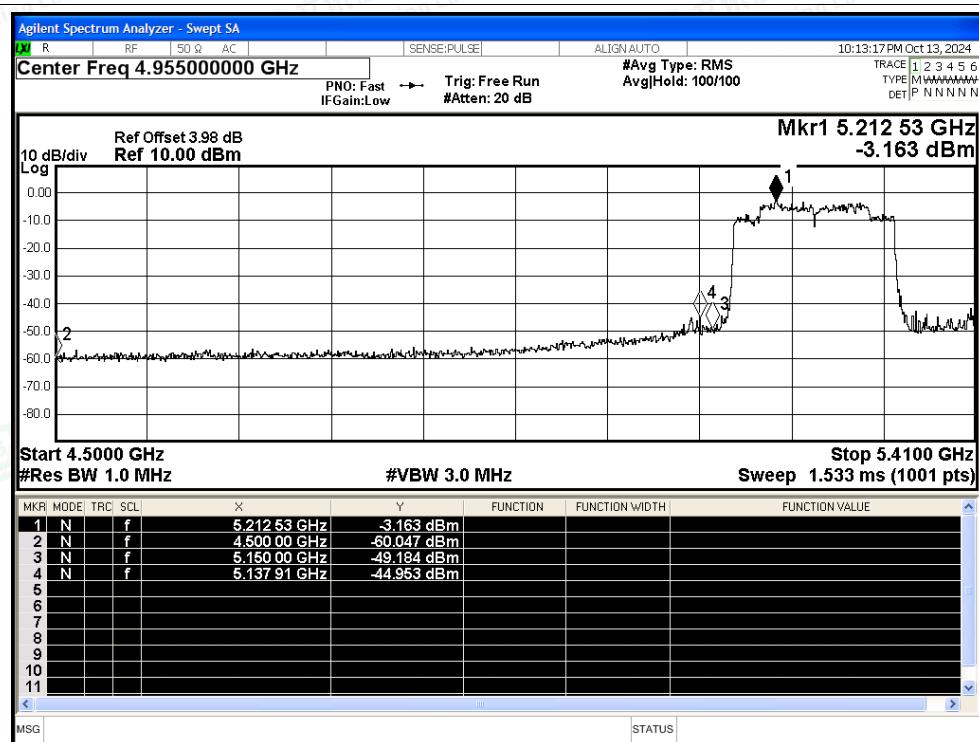
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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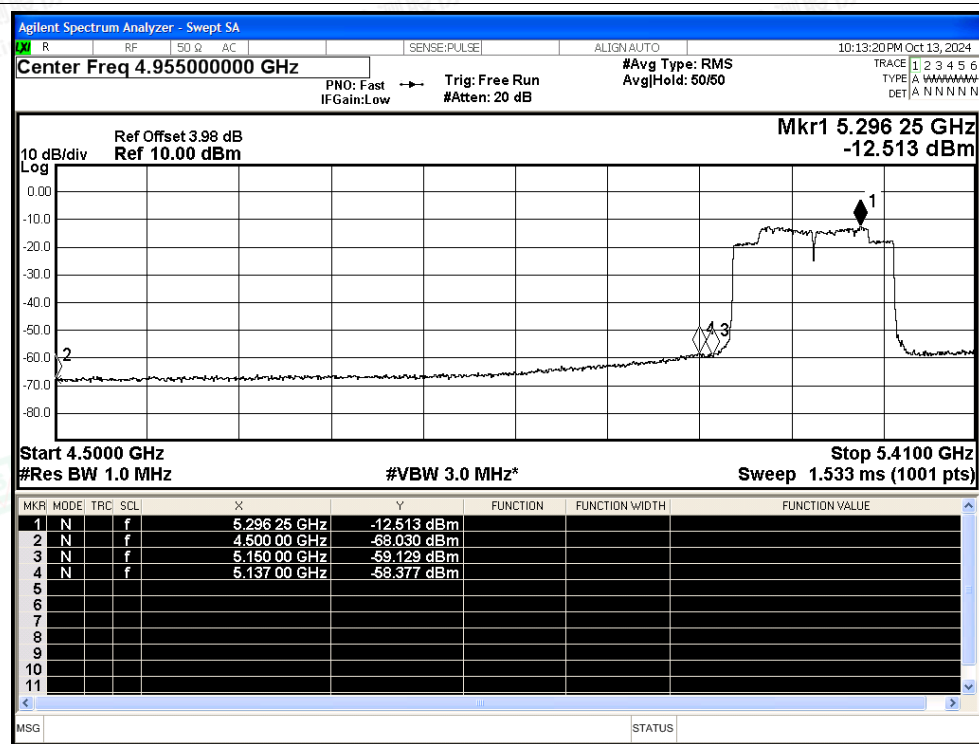
Scan code to check authenticity



Restrict Band NVNT ax160 5250MHz Ant3 Peak



Restrict Band NVNT ax160 5250MHz Ant3 Average



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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	5260	Ant4	4500	-51.87	5.19	-	48.55	Peak	68.2	Pass
NVNT	a	5260	Ant4	4500	-59.06	5.19	0.24	41.60	Average	54	Pass
NVNT	a	5260	Ant4	5021.82	-46.75	5.19	-	53.67	Peak	68.2	Pass
NVNT	a	5260	Ant4	5083.44	-56.82	5.19	0.24	43.84	Average	54	Pass
NVNT	a	5260	Ant4	5150	-49.66	5.19	-	50.76	Peak	68.2	Pass
NVNT	a	5260	Ant4	5150	-57.62	5.19	0.24	43.04	Average	54	Pass
NVNT	a	5320	Ant4	5350	-46.51	5.19	-	53.91	Peak	68.2	Pass
NVNT	a	5320	Ant4	5350	-56.89	5.19	0.24	43.77	Average	54	Pass
NVNT	a	5320	Ant4	5352	-40.83	5.19	-	59.59	Peak	68.2	Pass
NVNT	a	5320	Ant4	5352.2	-56.4	5.19	0.24	44.26	Average	54	Pass
NVNT	a	5320	Ant4	5460	-50.39	5.19	-	50.03	Peak	68.2	Pass
NVNT	a	5320	Ant4	5460	-57.75	5.19	0.24	42.91	Average	54	Pass
NVNT	n20	5260	Ant4	4500	-50.63	5.19	-	49.79	Peak	68.2	Pass
NVNT	n20	5260	Ant4	4500	-59.09	5.19	0.12	41.45	Average	54	Pass
NVNT	n20	5260	Ant4	5097.48	-45.84	5.19	-	54.58	Peak	68.2	Pass
NVNT	n20	5260	Ant4	4787.82	-55.88	5.19	0.12	44.66	Average	54	Pass
NVNT	n20	5260	Ant4	5150	-47.56	5.19	-	52.86	Peak	68.2	Pass
NVNT	n20	5260	Ant4	5150	-56.83	5.19	0.12	43.71	Average	54	Pass
NVNT	n20	5320	Ant4	5350	-44.9	5.19	-	55.52	Peak	68.2	Pass
NVNT	n20	5320	Ant4	5350	-55.86	5.19	0.12	44.68	Average	54	Pass
NVNT	n20	5320	Ant4	5351.2	-41.13	5.19	-	59.29	Peak	68.2	Pass
NVNT	n20	5320	Ant4	5350.4	-55.36	5.19	0.12	45.18	Average	54	Pass
NVNT	n20	5320	Ant4	5460	-49.47	5.19	-	50.95	Peak	68.2	Pass
NVNT	n20	5320	Ant4	5460	-58.11	5.19	0.12	42.43	Average	54	Pass
NVNT	n40	5270	Ant4	4500	-51.54	5.19	-	48.88	Peak	68.2	Pass
NVNT	n40	5270	Ant4	4500	-58.74	5.19	0.12	41.80	Average	54	Pass
NVNT	n40	5270	Ant4	5053.23	-47	5.19	-	53.42	Peak	68.2	Pass
NVNT	n40	5270	Ant4	5068.62	-56.84	5.19	0.12	43.70	Average	54	Pass
NVNT	n40	5270	Ant4	5150	-49.93	5.19	-	50.49	Peak	68.2	Pass
NVNT	n40	5270	Ant4	5150	-57.48	5.19	0.12	43.06	Average	54	Pass
NVNT	n40	5310	Ant4	5350	-45.93	5.19	-	54.49	Peak	68.2	Pass
NVNT	n40	5310	Ant4	5350	-55.92	5.19	0.12	44.62	Average	54	Pass
NVNT	n40	5310	Ant4	5350.6	-43.05	5.19	-	57.37	Peak	68.2	Pass
NVNT	n40	5310	Ant4	5350.4	-55.56	5.19	0.12	44.98	Average	54	Pass
NVNT	n40	5310	Ant4	5460	-48.96	5.19	-	51.46	Peak	68.2	Pass
NVNT	n40	5310	Ant4	5460	-58.26	5.19	0.12	42.28	Average	54	Pass
NVNT	ac20	5260	Ant4	4500	-50.98	5.19	-	49.44	Peak	68.2	Pass

