



Appendix D

RF Test Data for 5.2GWIFI (Conducted Measurement)

Product Name: CART S+

Test Model: 900.0055.01

Environmental Conditions

Temperature:	24.5° C
Relative Humidity:	53.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Paddi Chen
Supervised by:	Nick Peng



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D.1 -26dB Bandwidth

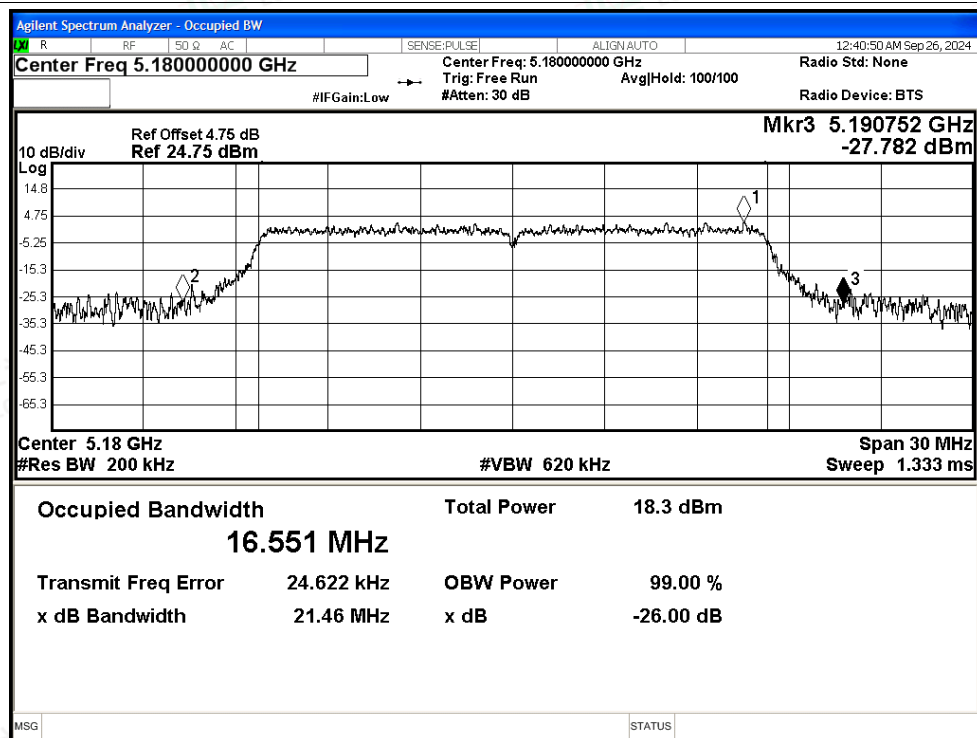
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant0	21.455	---	Pass
NVNT	a	5200	Ant0	23.375	---	Pass
NVNT	a	5240	Ant0	26.38	---	Pass
NVNT	n20	5180	Ant0	26.801	---	Pass
NVNT	n20	5200	Ant0	26.595	---	Pass
NVNT	n20	5240	Ant0	27.502	---	Pass
NVNT	n40	5190	Ant0	44.963	---	Pass
NVNT	n40	5230	Ant0	39.516	---	Pass
NVNT	ac20	5180	Ant0	27.581	---	Pass
NVNT	ac20	5200	Ant0	26.926	---	Pass
NVNT	ac20	5240	Ant0	27.476	---	Pass
NVNT	ac40	5190	Ant0	40.915	---	Pass
NVNT	ac40	5230	Ant0	45.207	---	Pass
NVNT	ac80	5210	Ant0	80.375	---	Pass
NVNT	ax20	5180	Ant0	28.461	---	Pass
NVNT	ax20	5200	Ant0	27.064	---	Pass
NVNT	ax20	5240	Ant0	25.908	---	Pass
NVNT	ax40	5190	Ant0	42.565	---	Pass
NVNT	ax40	5230	Ant0	42.863	---	Pass
NVNT	ax80	5210	Ant0	78.488	---	Pass



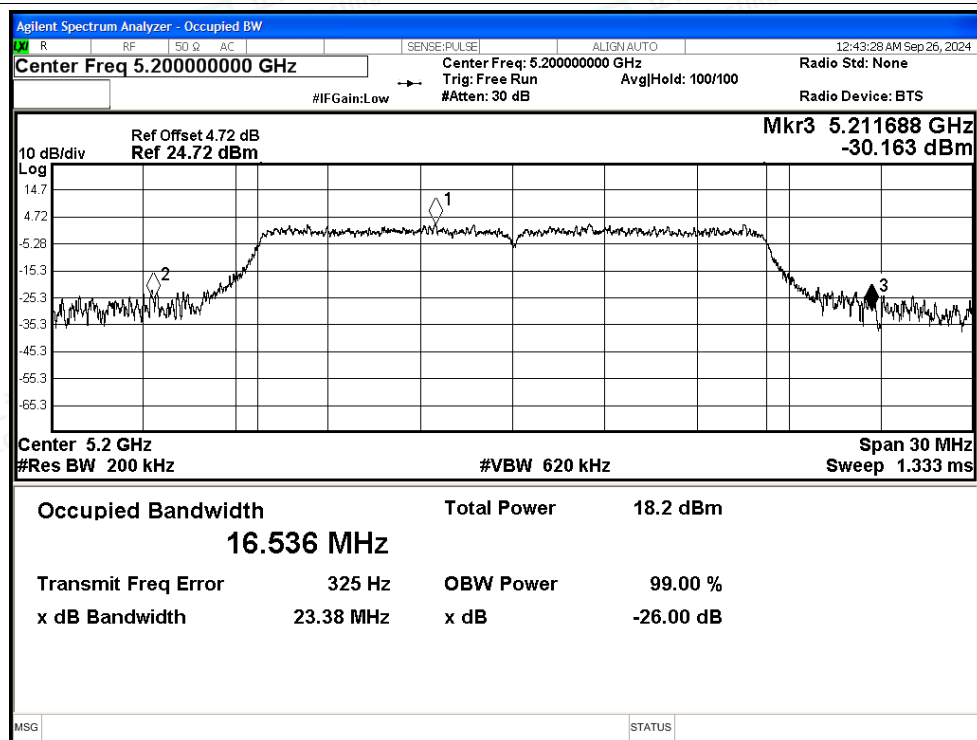


Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant0



-26dB Bandwidth NVNT a 5200MHz Ant0



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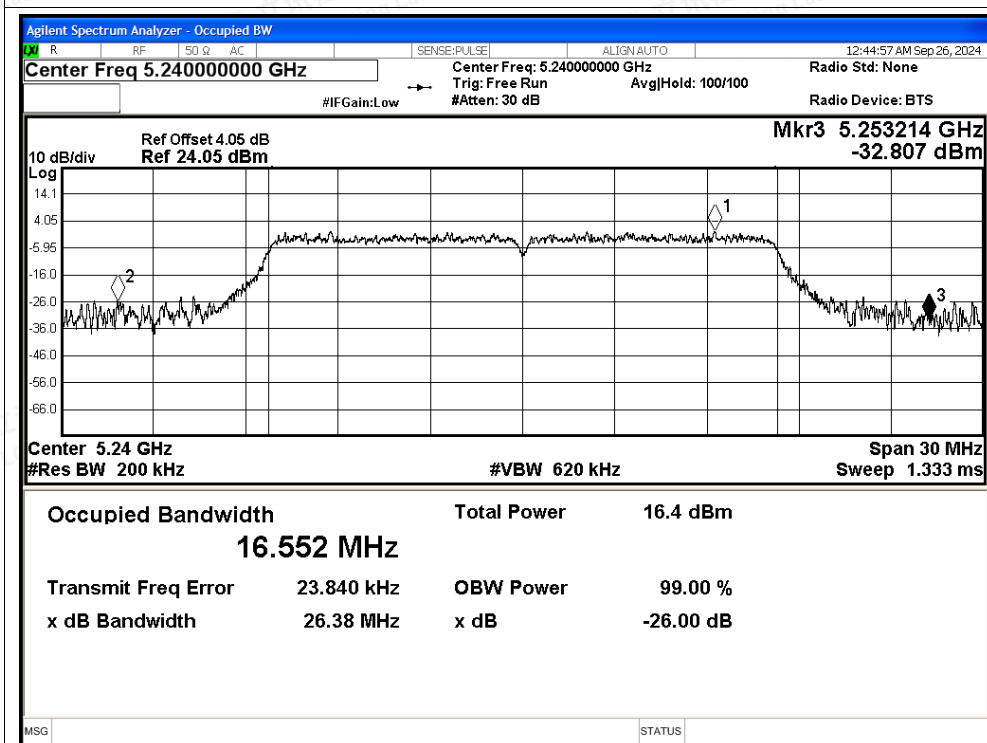
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

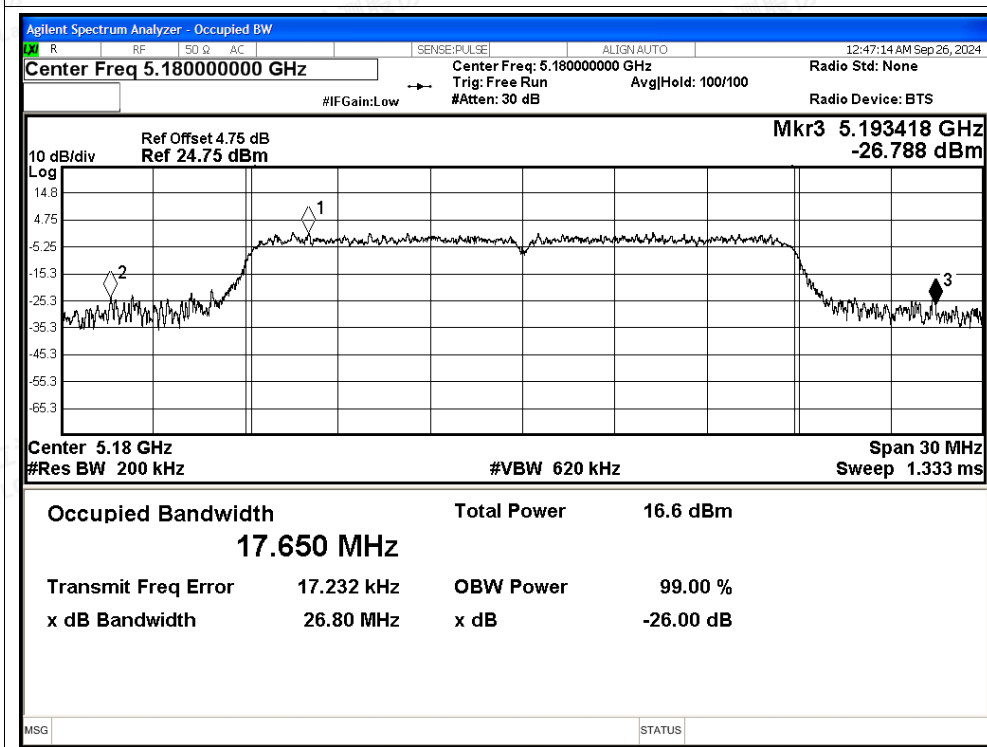
Scan code to check authenticity



-26dB Bandwidth NVNT a 5240MHz Ant0



-26dB Bandwidth NVNT n20 5180MHz Ant0



Shenzhen LCS Compliance Testing Laboratory Ltd.

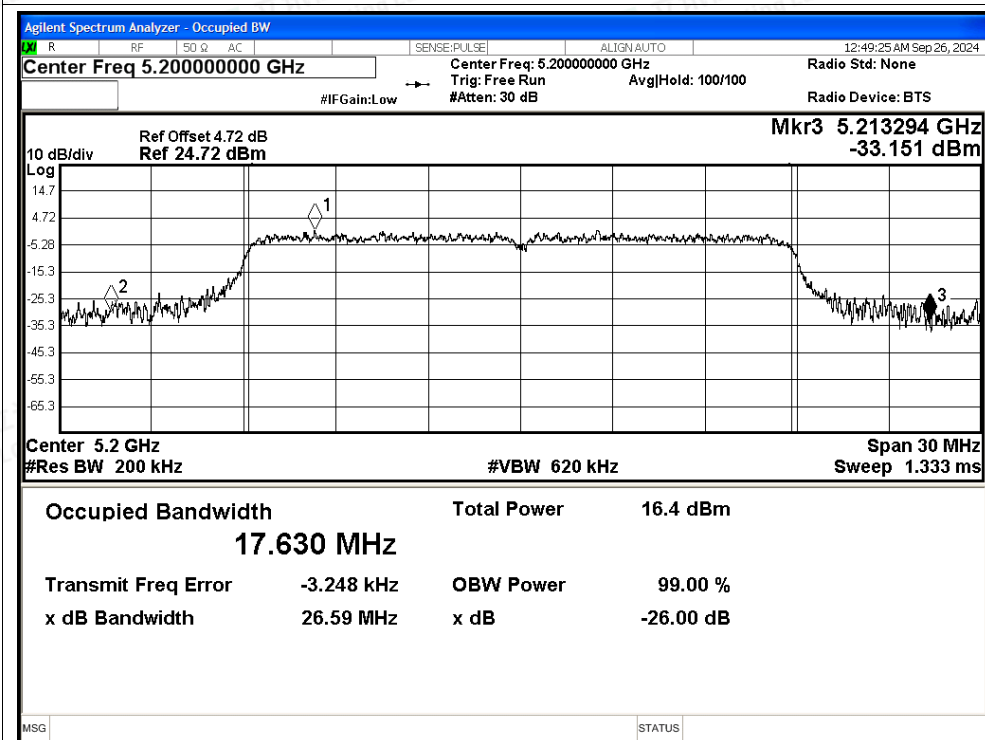
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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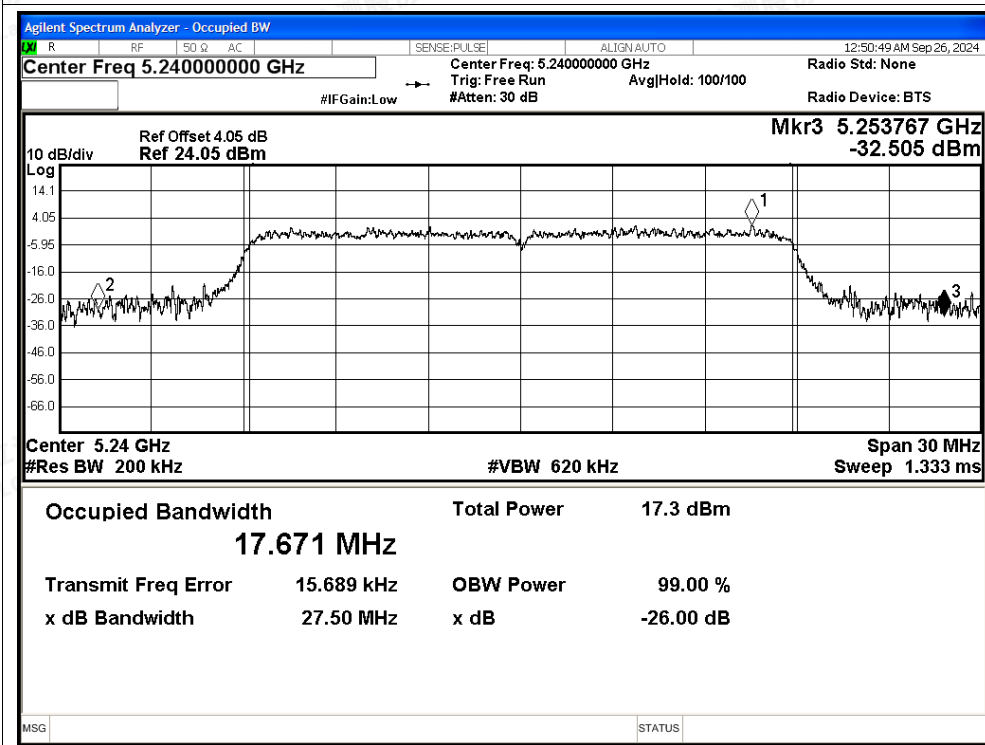
Scan code to check authenticity



-26dB Bandwidth NVNT n20 5200MHz Ant0



-26dB Bandwidth NVNT n20 5240MHz Ant0



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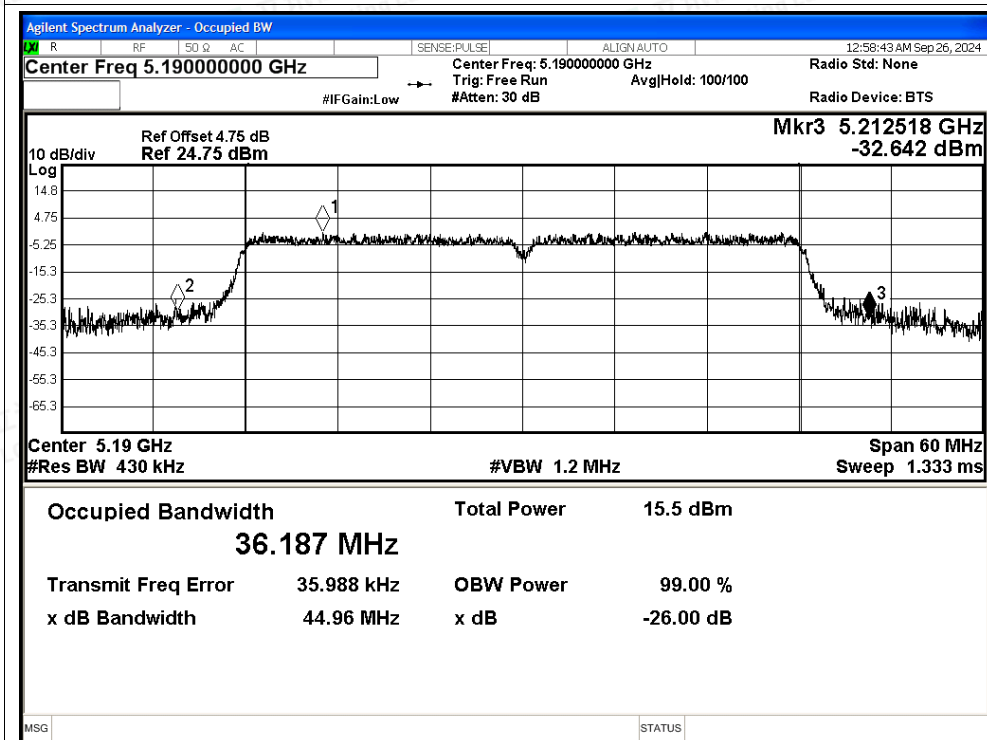
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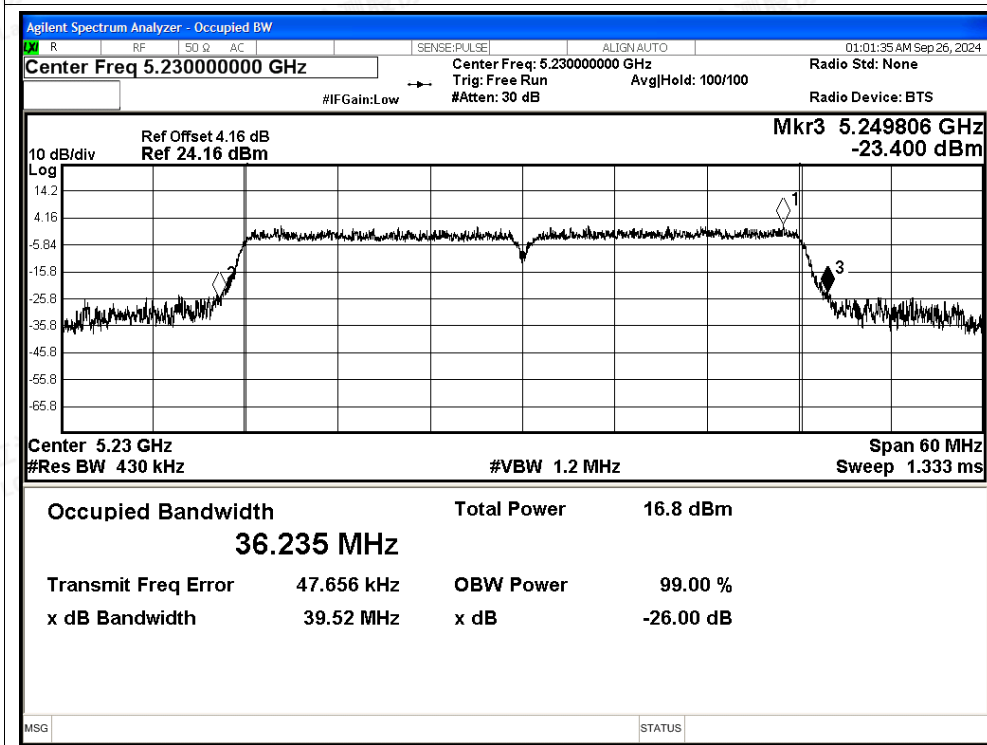
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-26dB Bandwidth NVNT n40 5190MHz Ant0



-26dB Bandwidth NVNT n40 5230MHz Ant0



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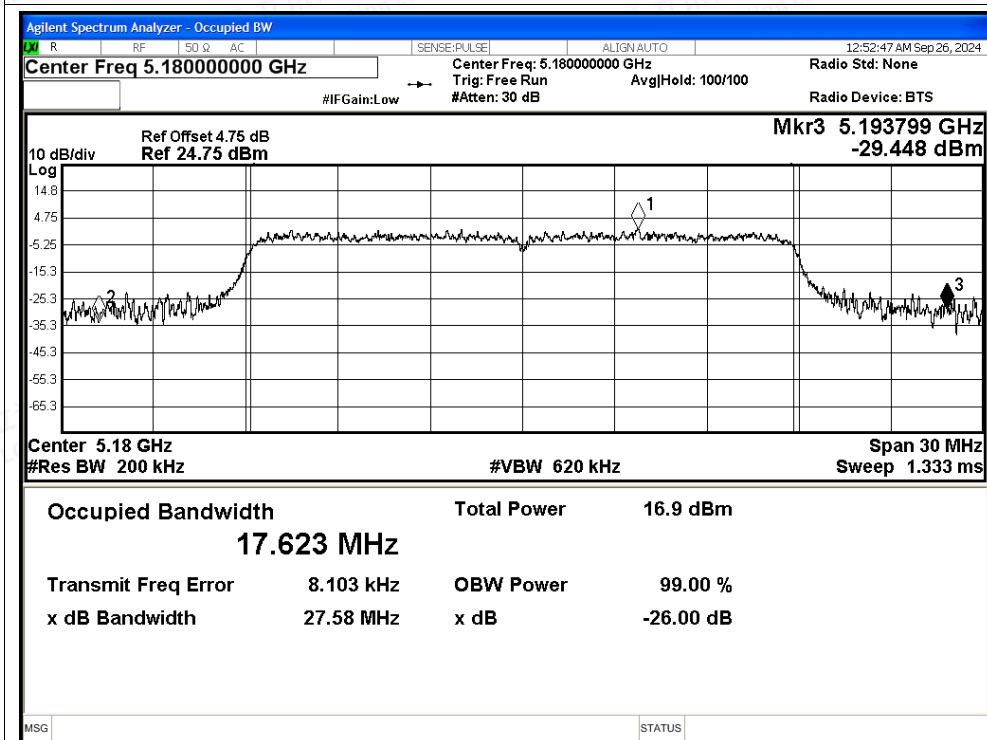
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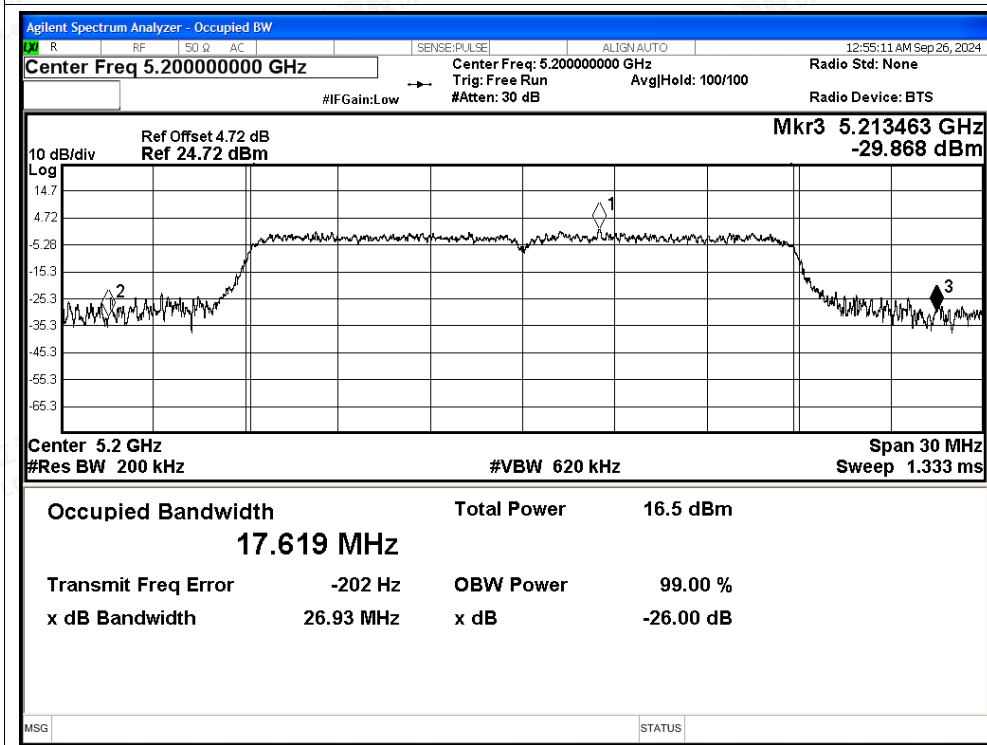
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-26dB Bandwidth NVNT ac20 5180MHz Ant0



-26dB Bandwidth NVNT ac20 5200MHz Ant0



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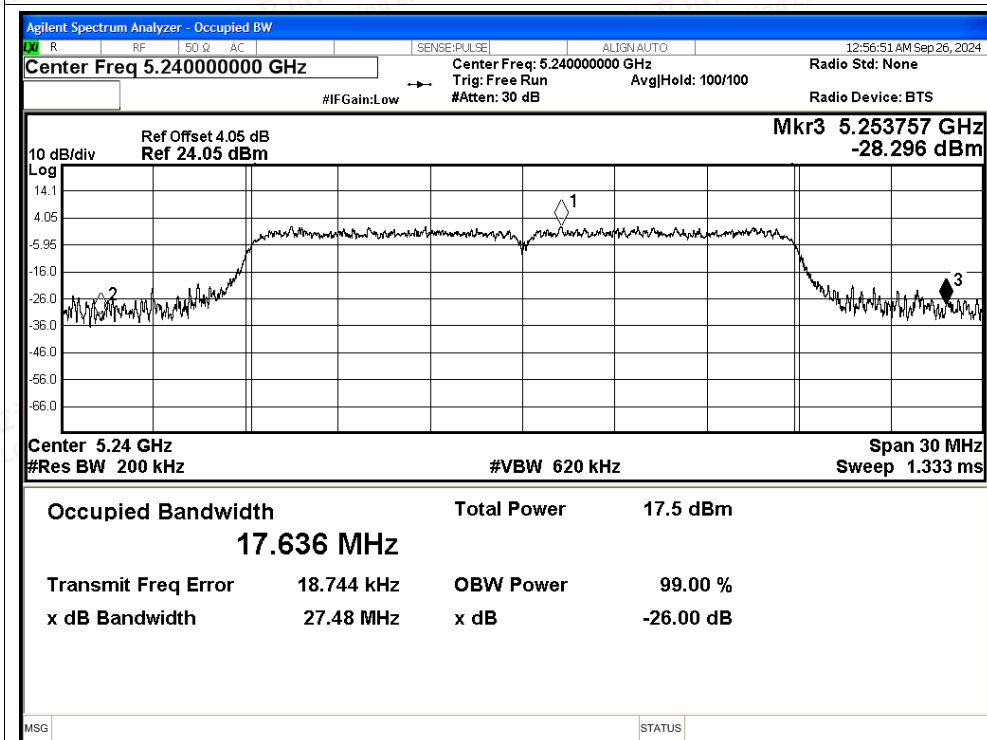
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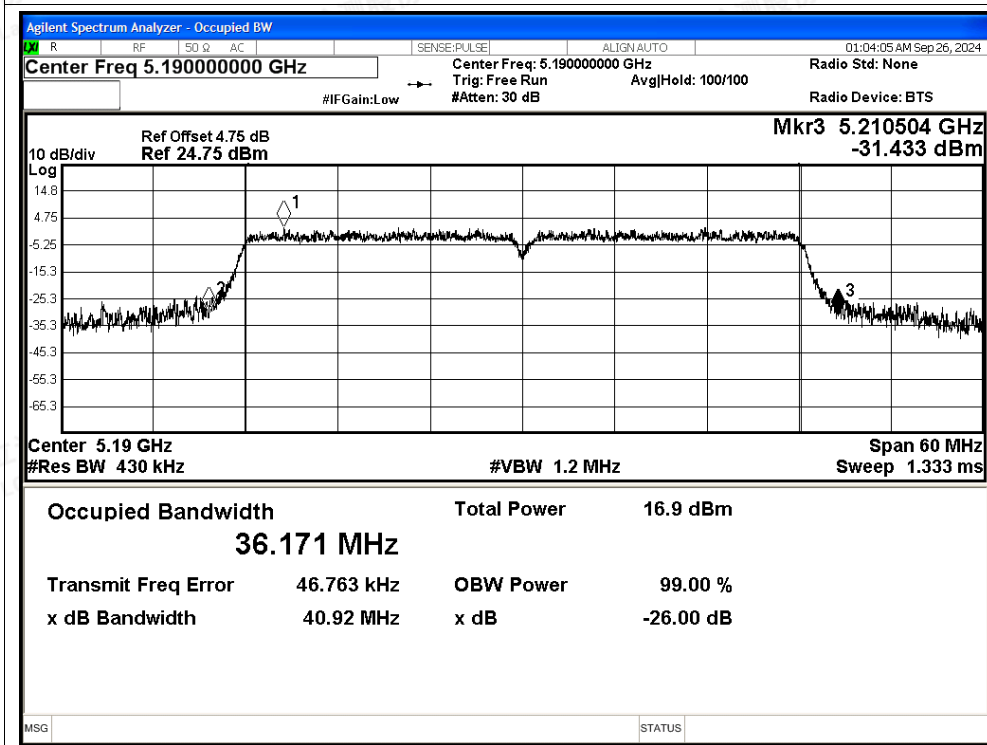
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-26dB Bandwidth NVNT ac20 5240MHz Ant0



-26dB Bandwidth NVNT ac40 5190MHz Ant0



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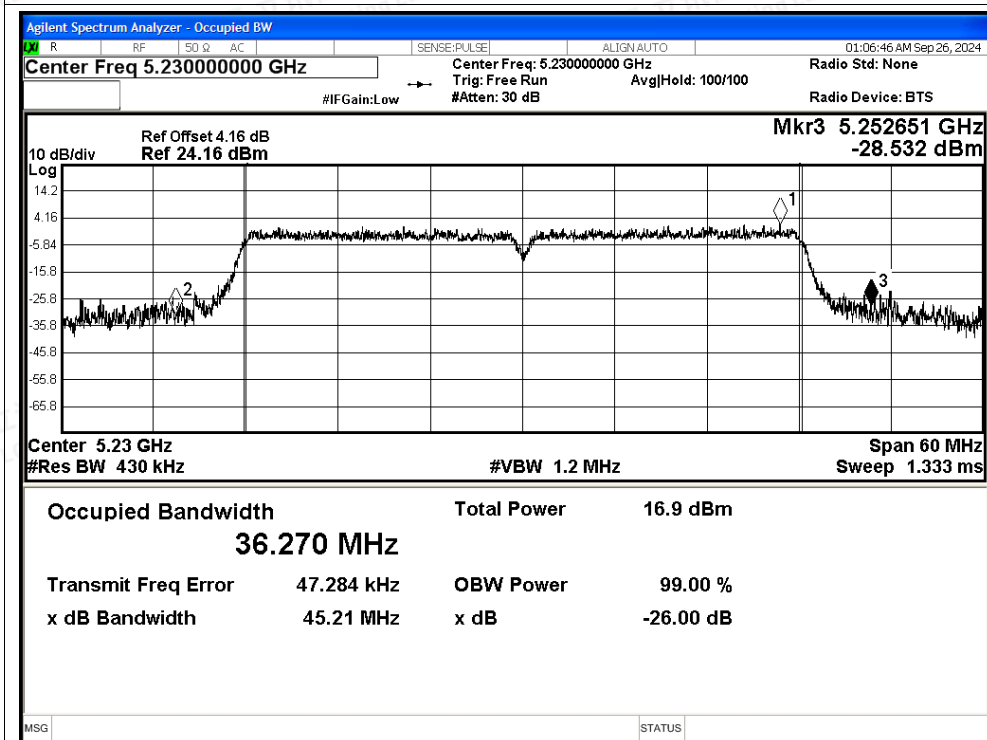
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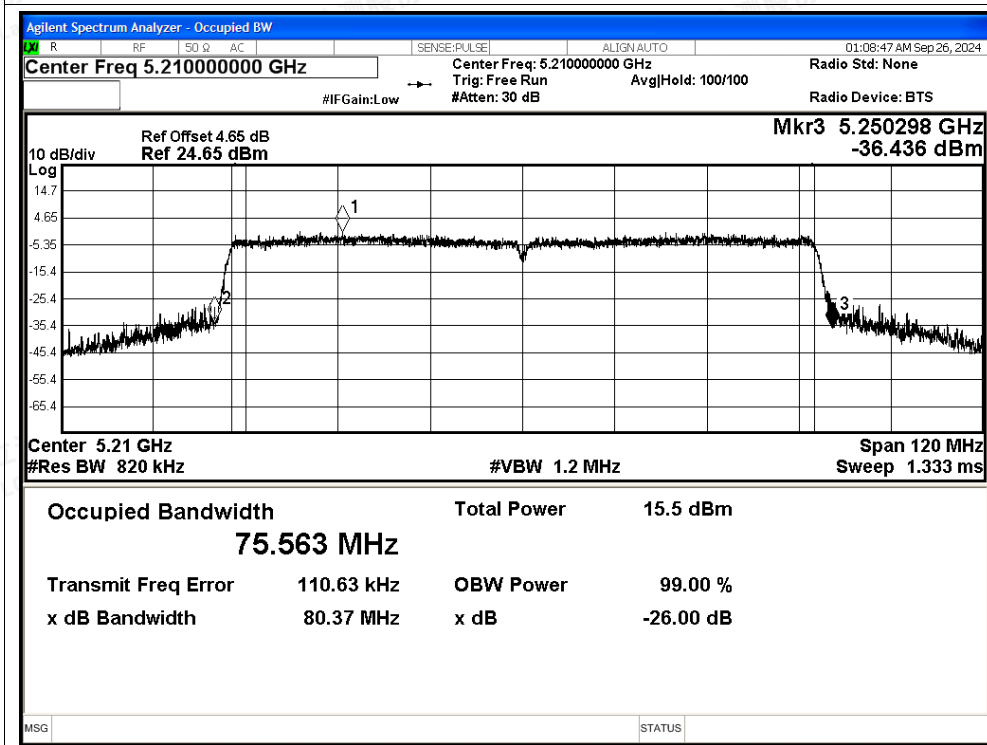
Scan code to check authenticity



-26dB Bandwidth NVNT ac40 5230MHz Ant0



-26dB Bandwidth NVNT ac80 5210MHz Ant0



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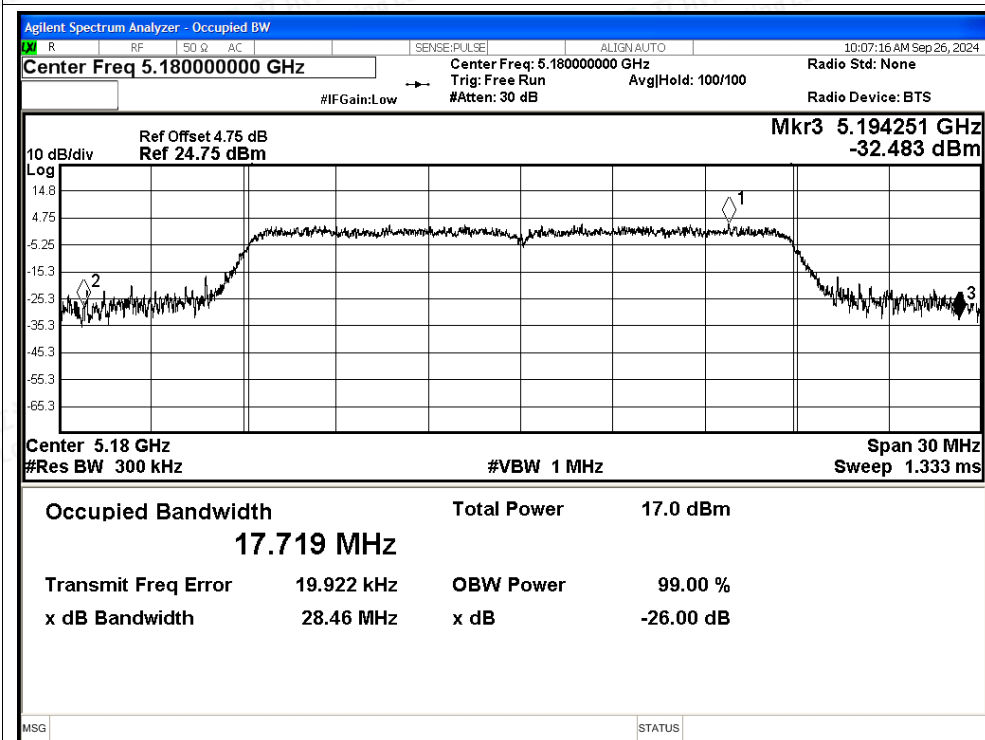
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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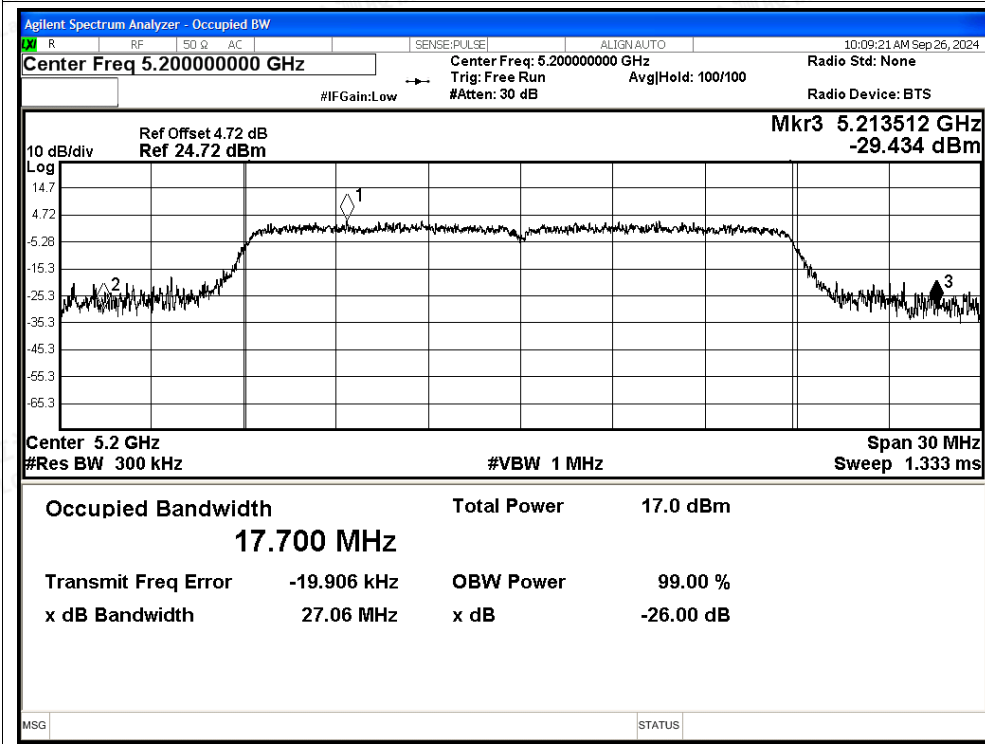
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-26dB Bandwidth NVNT ax20 5180MHz Ant0



-26dB Bandwidth NVNT ax20 5200MHz Ant0



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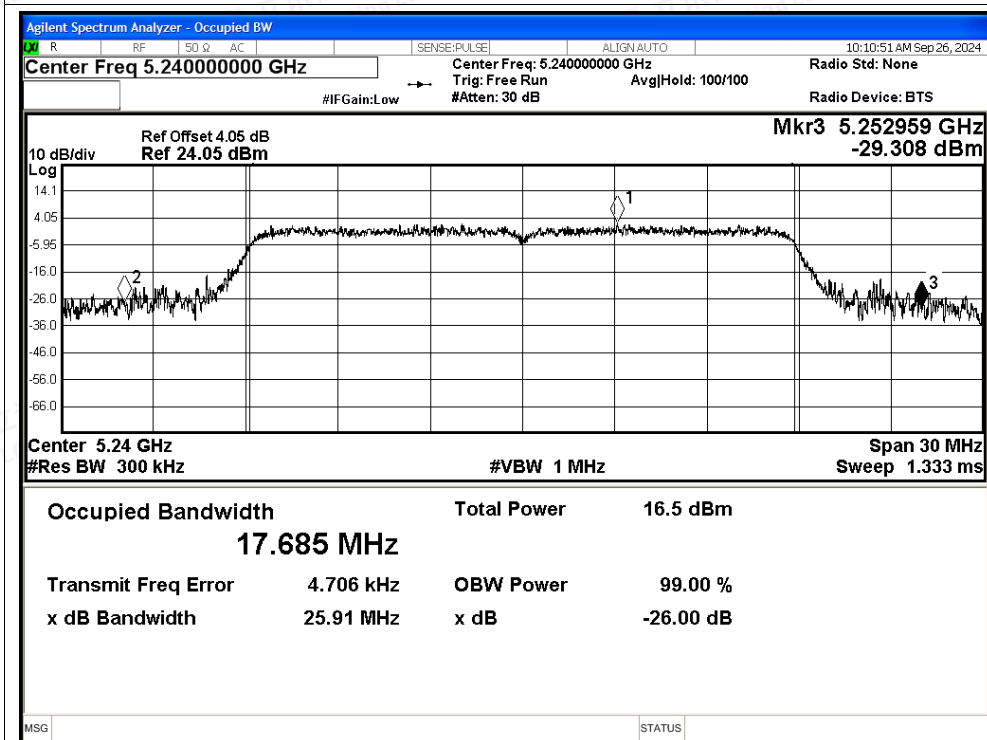
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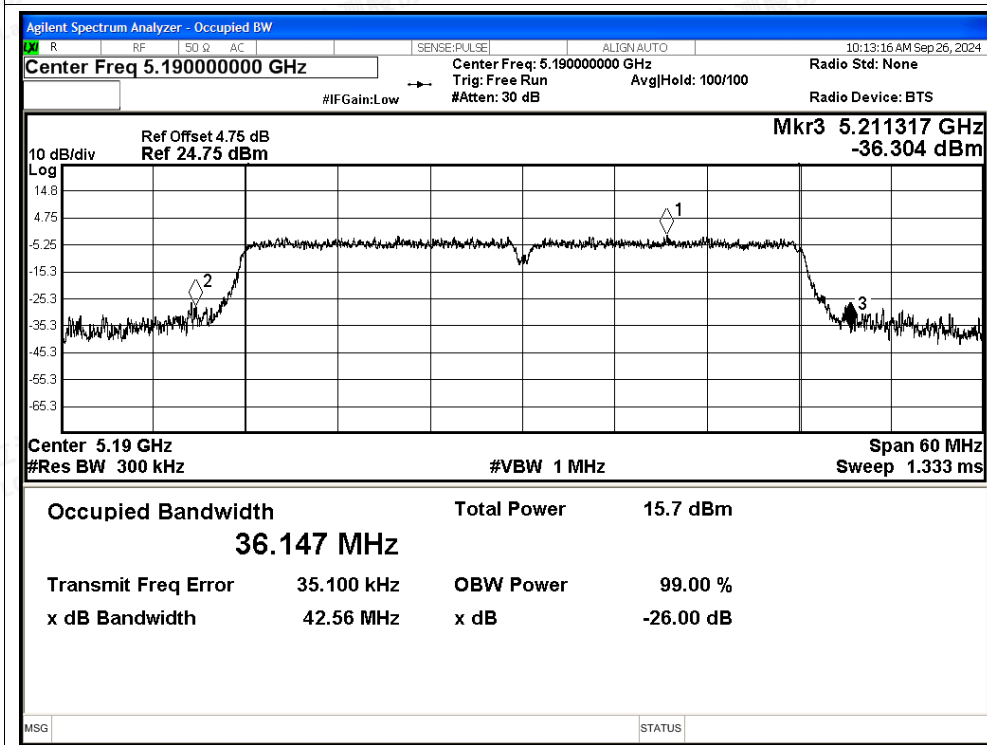
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-26dB Bandwidth NVNT ax20 5240MHz Ant0



-26dB Bandwidth NVNT ax40 5190MHz Ant0



Shenzhen LCS Compliance Testing Laboratory Ltd.

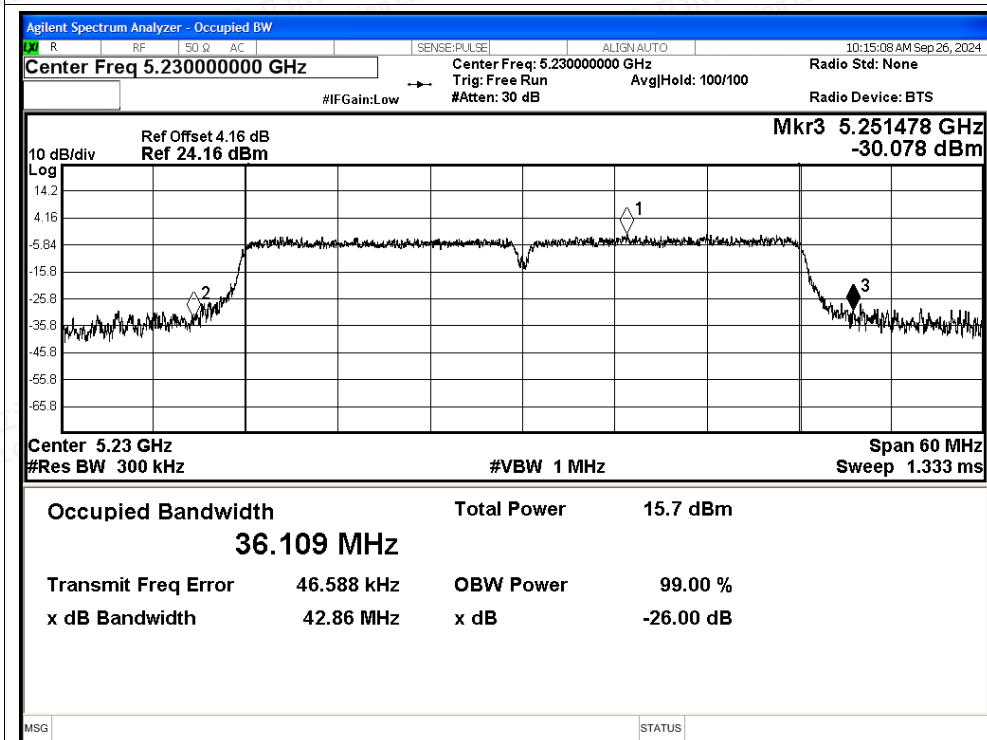
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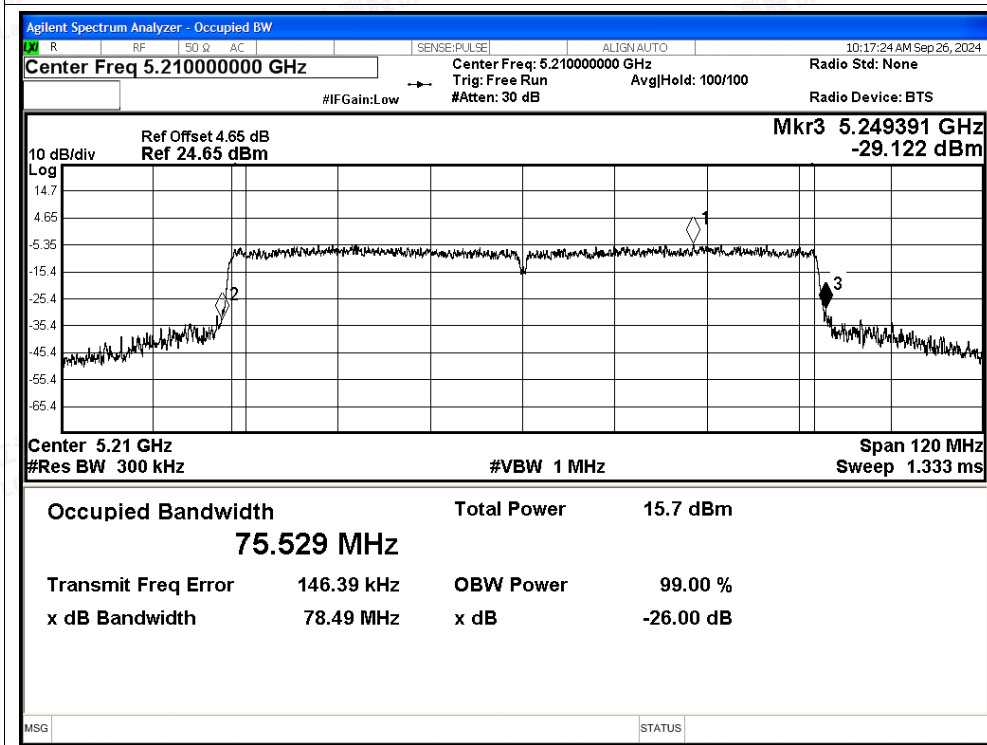
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-26dB Bandwidth NVNT ax40 5230MHz Ant0



-26dB Bandwidth NVNT ax80 5210MHz Ant0



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Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	22.928	---	Pass
NVNT	a	5200	Ant1	22.568	---	Pass
NVNT	a	5240	Ant1	22.168	---	Pass
NVNT	n20	5180	Ant1	24.847	---	Pass
NVNT	n20	5200	Ant1	25.885	---	Pass
NVNT	n20	5240	Ant1	28.533	---	Pass
NVNT	n40	5190	Ant1	39.99	---	Pass
NVNT	n40	5230	Ant1	44.272	---	Pass
NVNT	ac20	5180	Ant1	26.941	---	Pass
NVNT	ac20	5200	Ant1	25.031	---	Pass
NVNT	ac20	5240	Ant1	24.832	---	Pass
NVNT	ac40	5190	Ant1	44.926	---	Pass
NVNT	ac40	5230	Ant1	42.853	---	Pass
NVNT	ac80	5210	Ant1	81.453	---	Pass
NVNT	ax20	5180	Ant1	28.061	---	Pass
NVNT	ax20	5200	Ant1	28.61	---	Pass
NVNT	ax20	5240	Ant1	27.471	---	Pass
NVNT	ax40	5190	Ant1	40.071	---	Pass
NVNT	ax40	5230	Ant1	44.102	---	Pass
NVNT	ax80	5210	Ant1	78.987	---	Pass

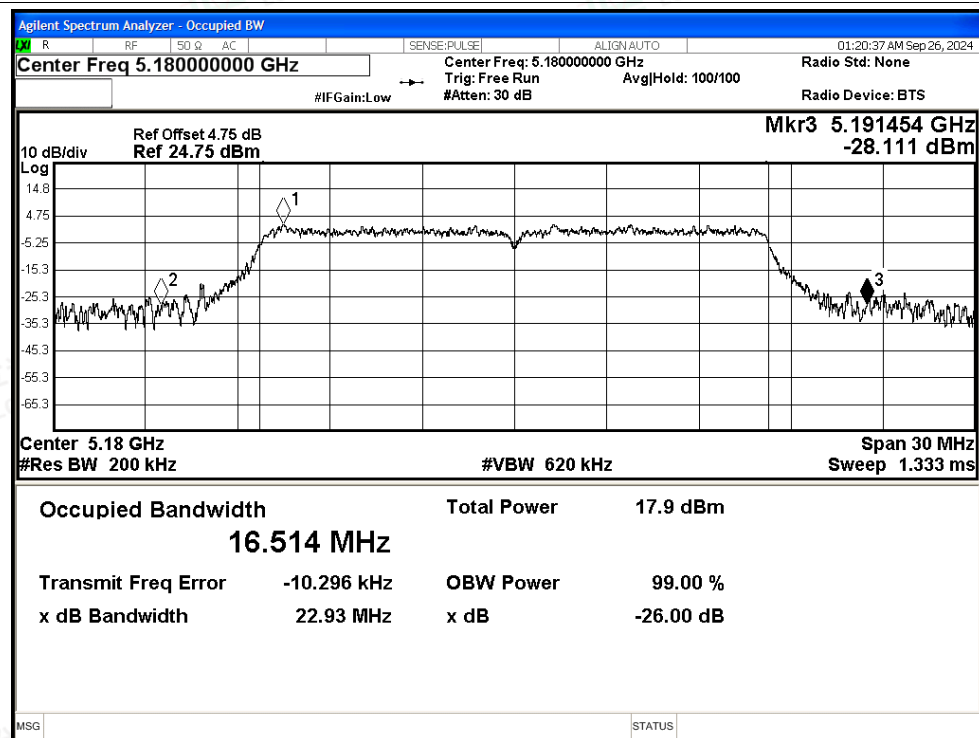


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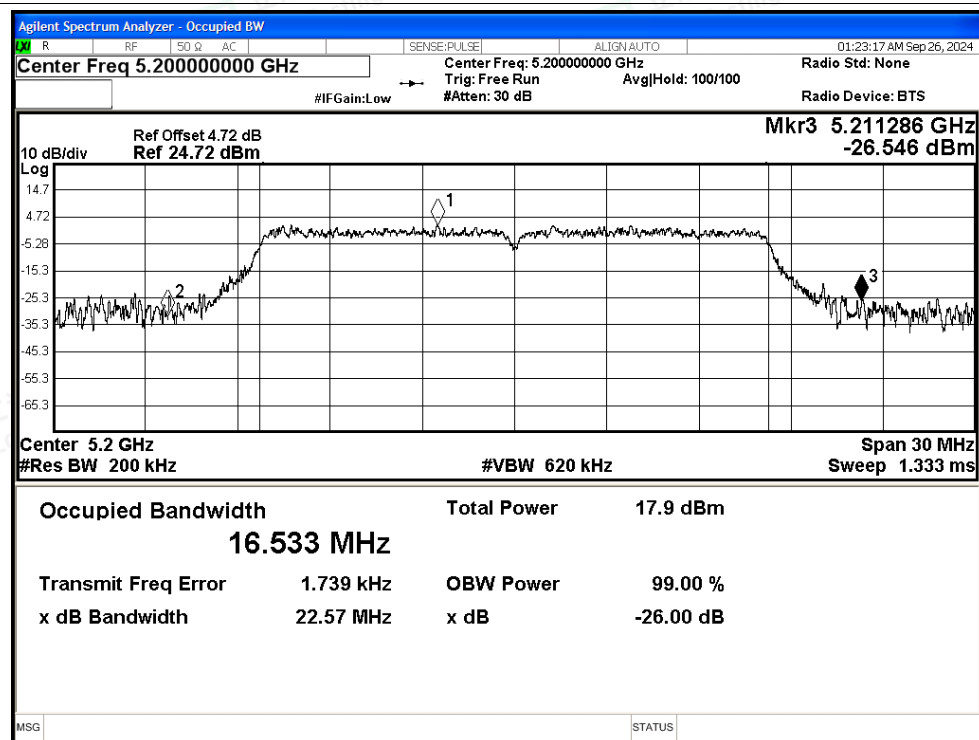


Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1



-26dB Bandwidth NVNT a 5200MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

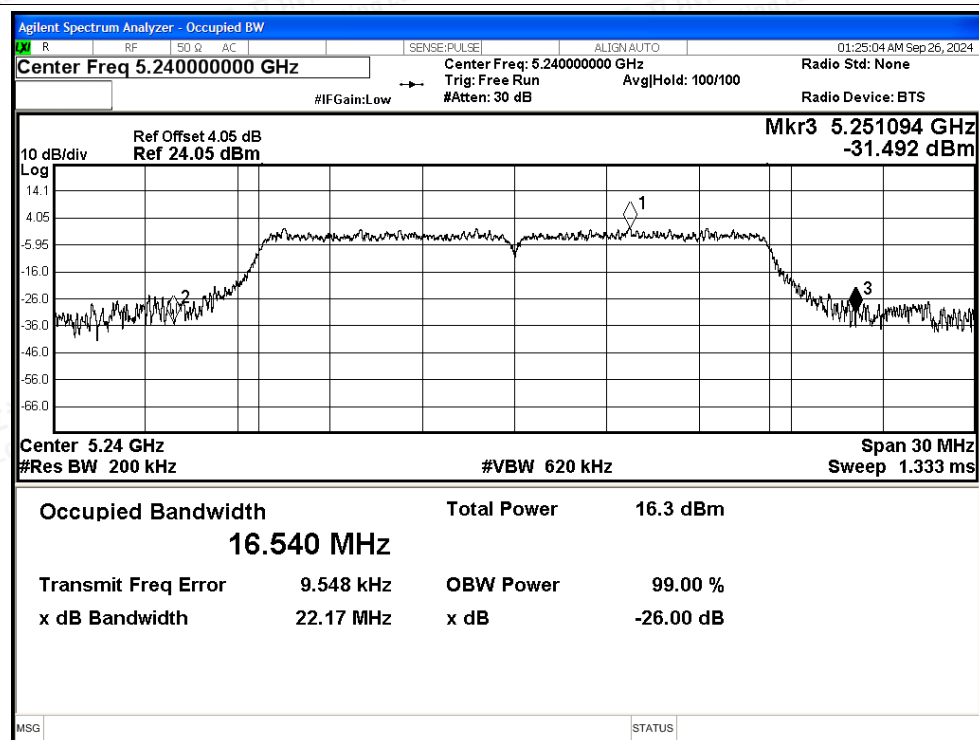
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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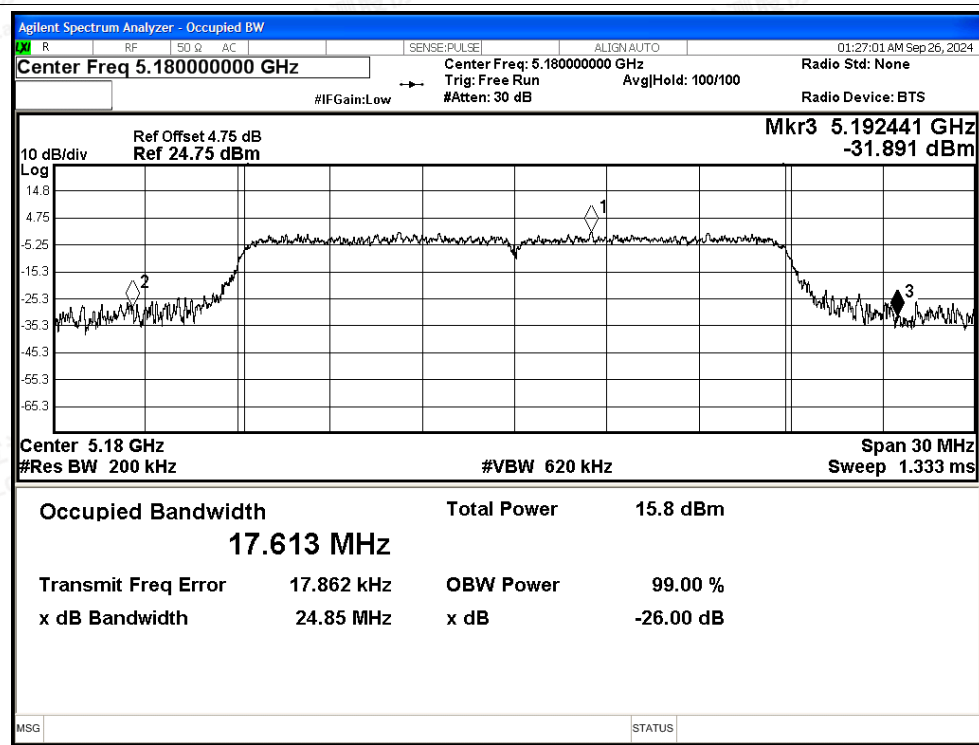
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-26dB Bandwidth NVNT a 5240MHz Ant1



-26dB Bandwidth NVNT n20 5180MHz Ant1

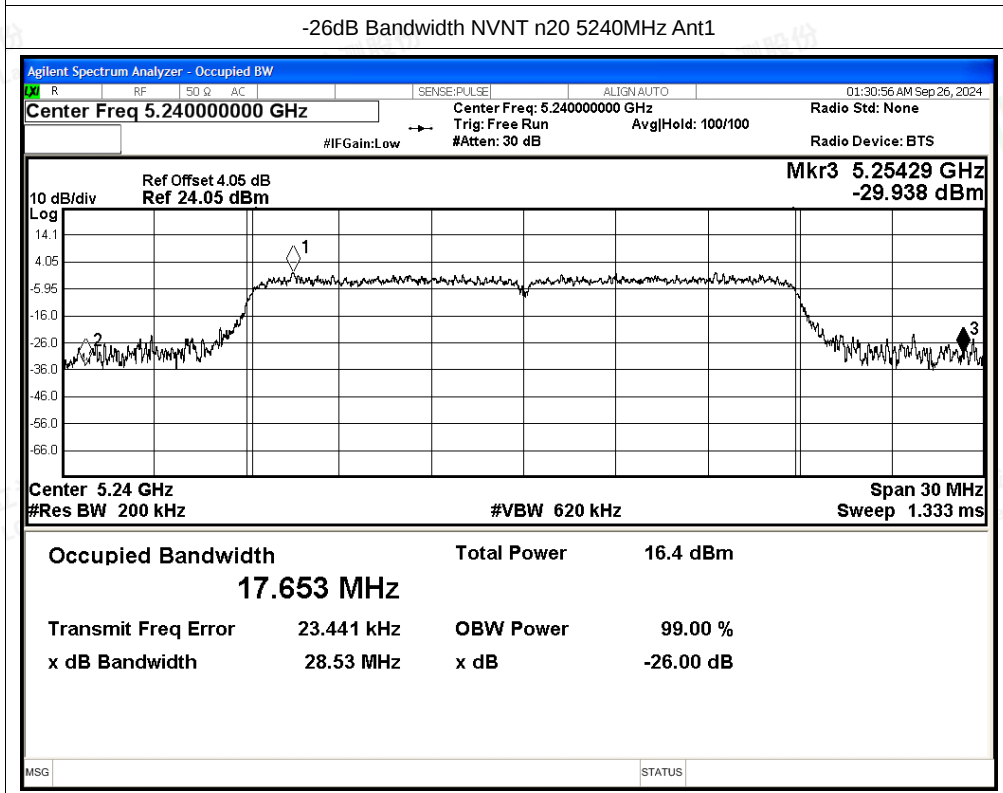
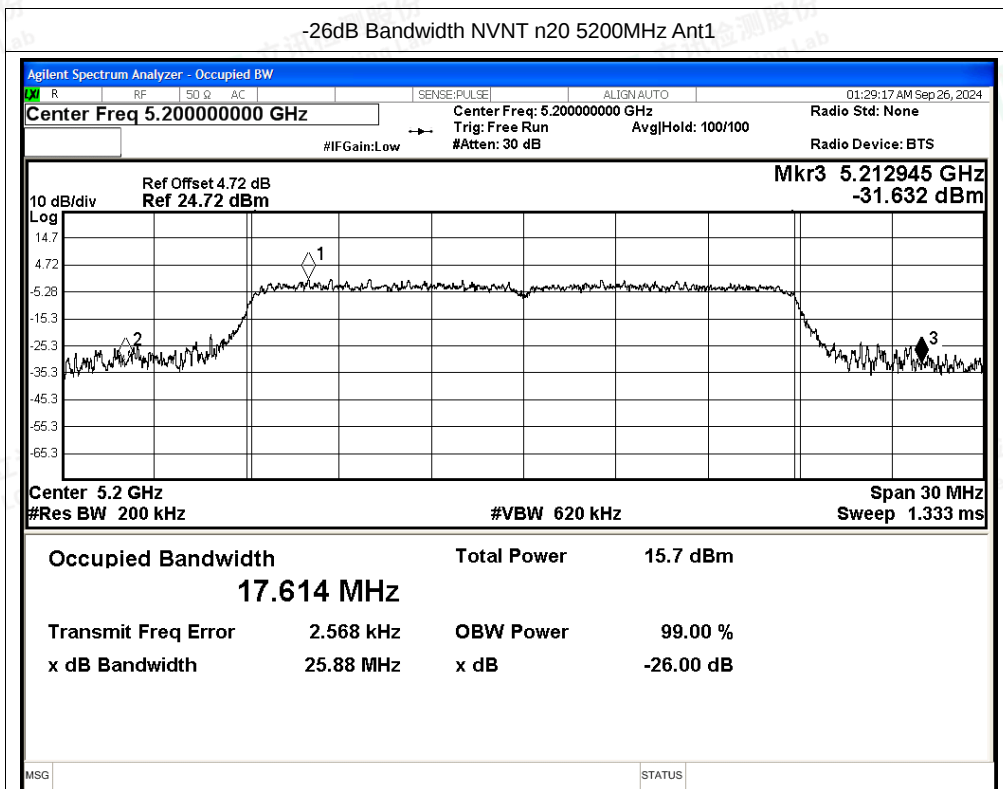


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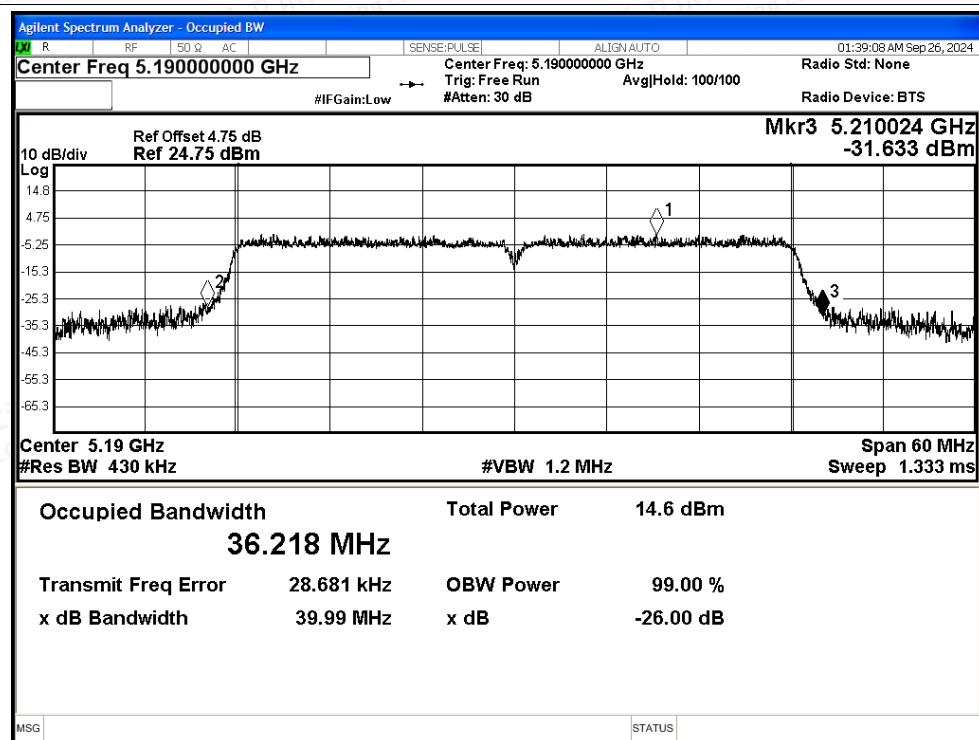
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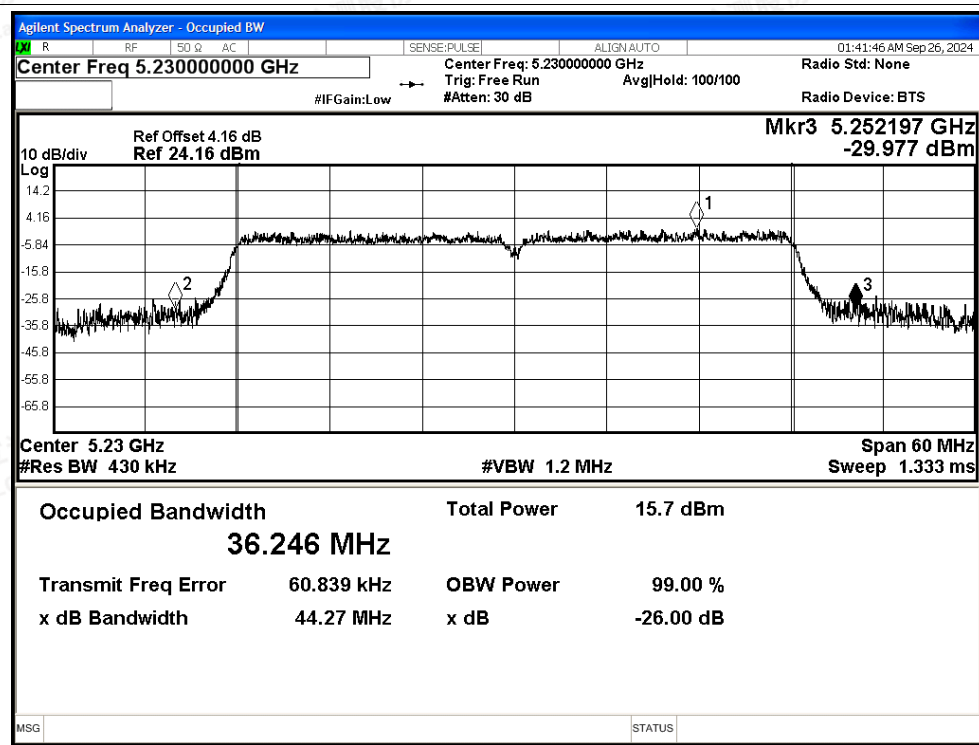
Scan code to check authenticity



-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1



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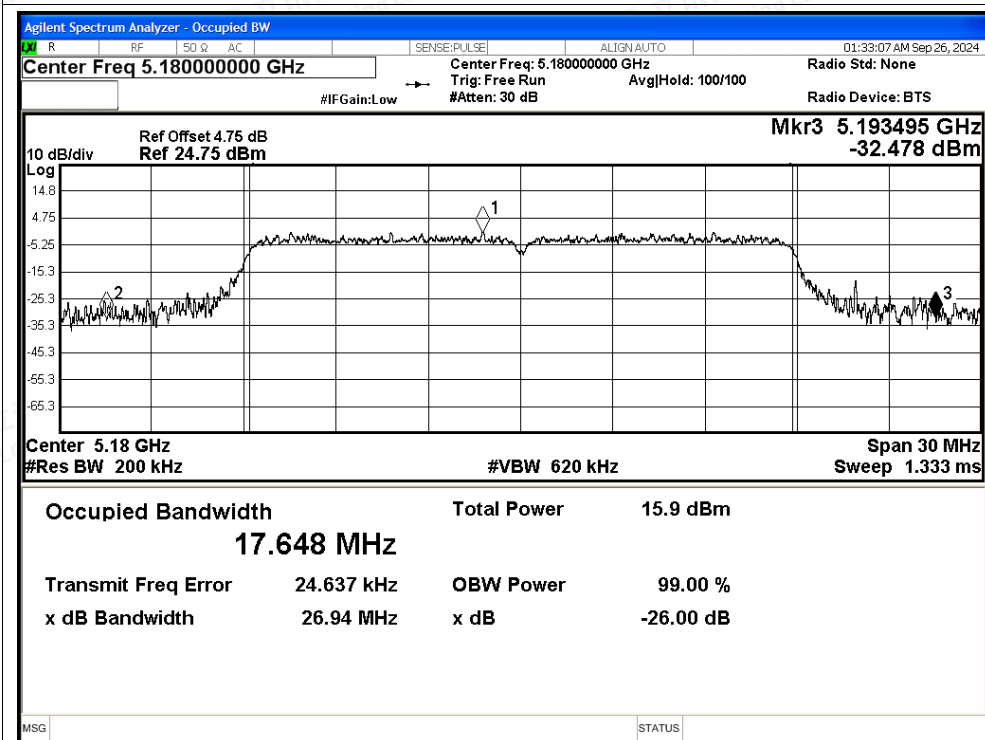
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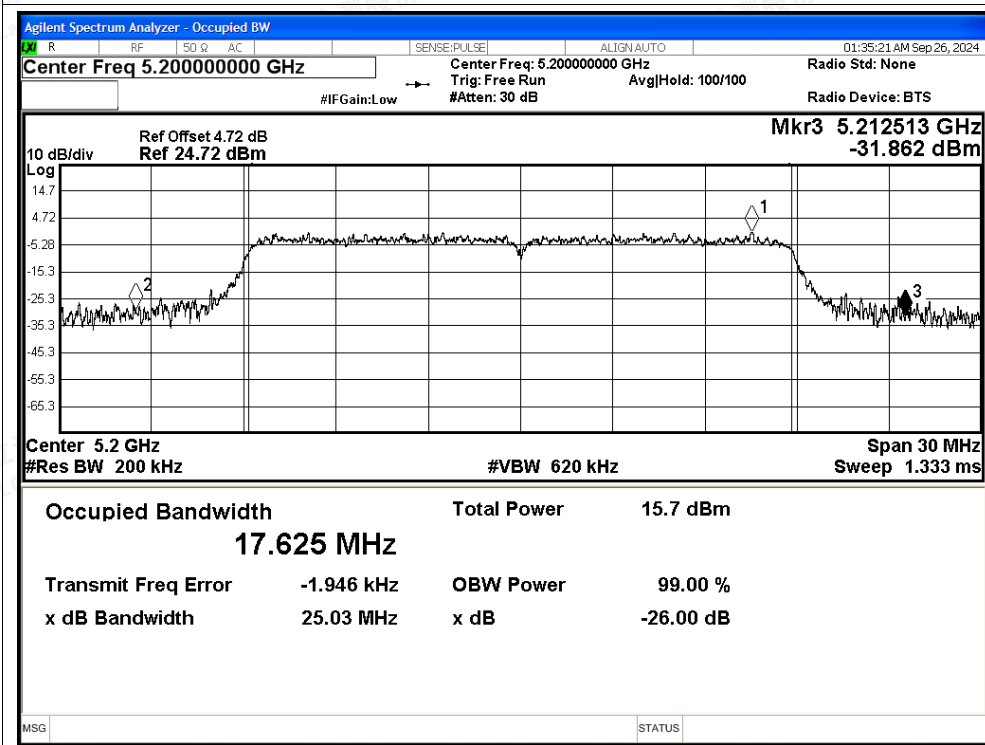
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5180MHz Ant1



-26dB Bandwidth NVNT ac20 5200MHz Ant1



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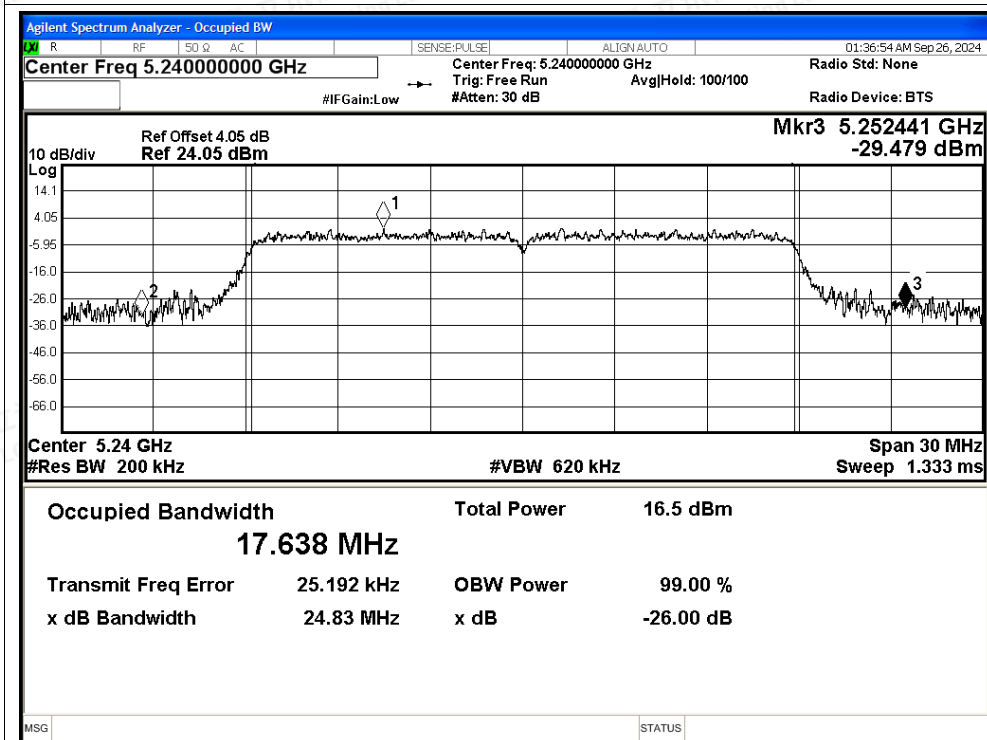
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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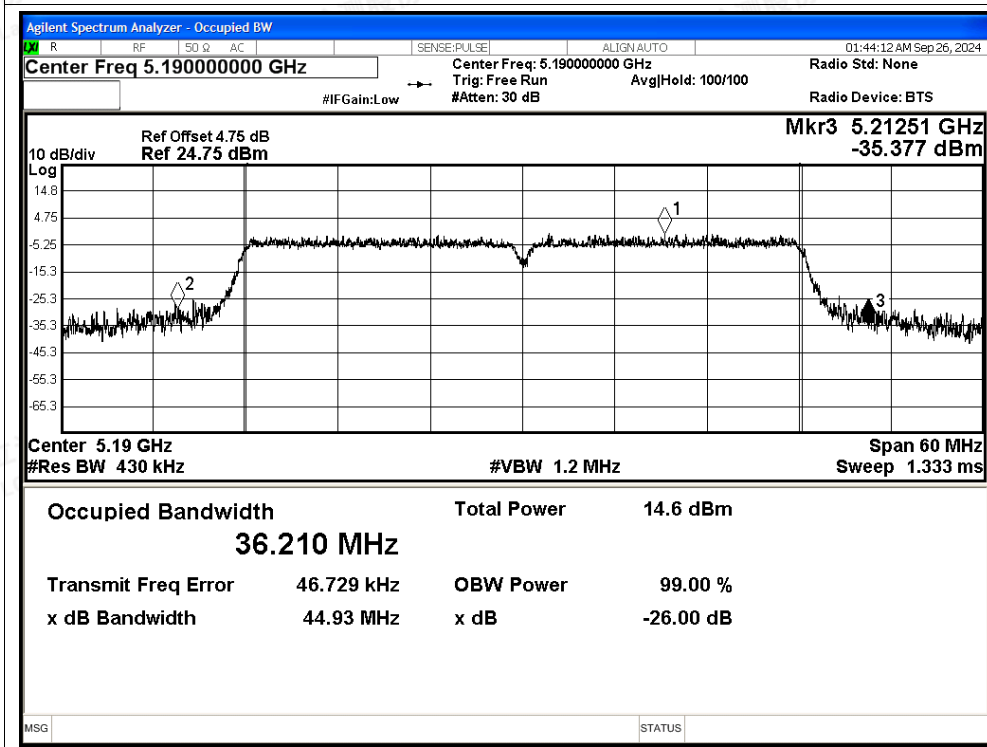
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5240MHz Ant1



-26dB Bandwidth NVNT ac40 5190MHz Ant1



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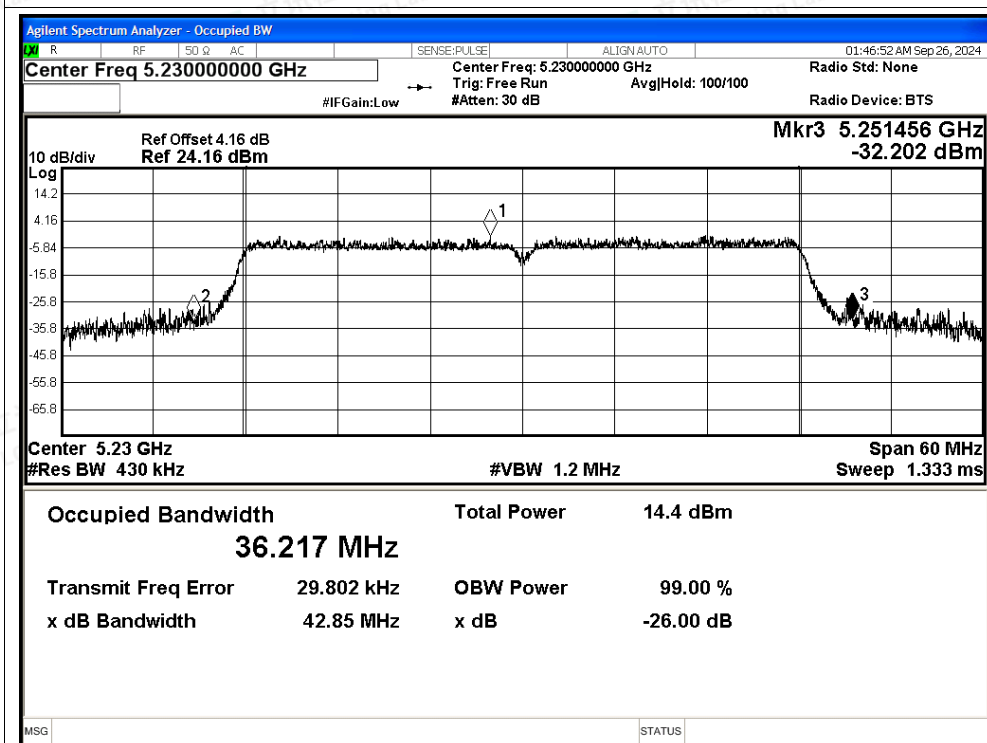
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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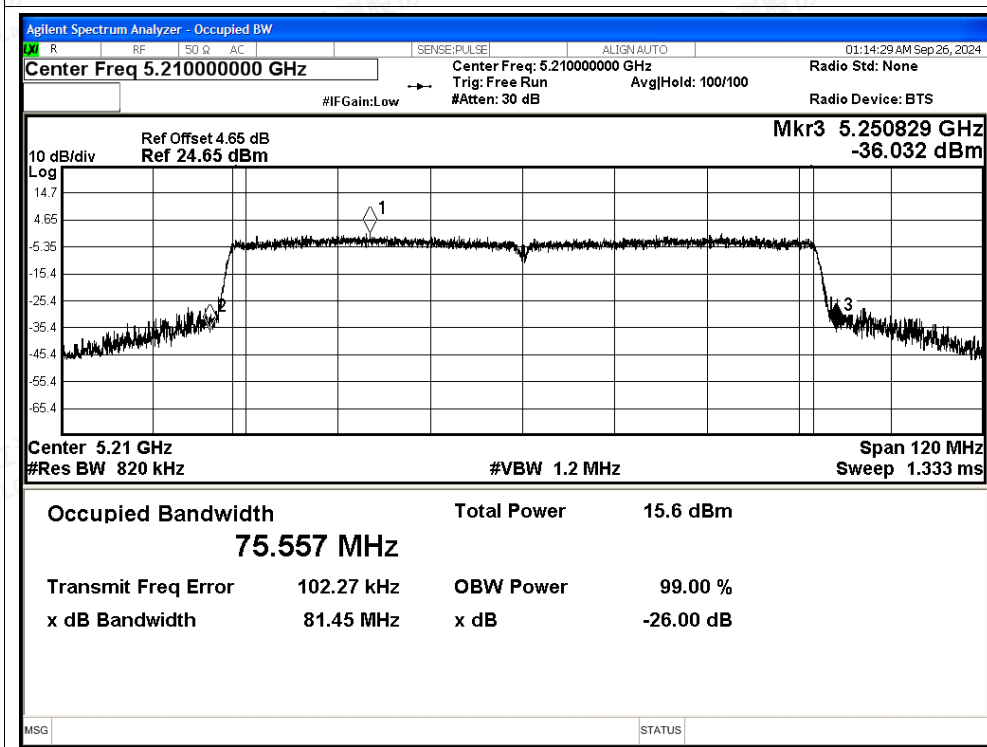
Scan code to check authenticity



-26dB Bandwidth NVNT ac40 5230MHz Ant1



-26dB Bandwidth NVNT ac80 5210MHz Ant1



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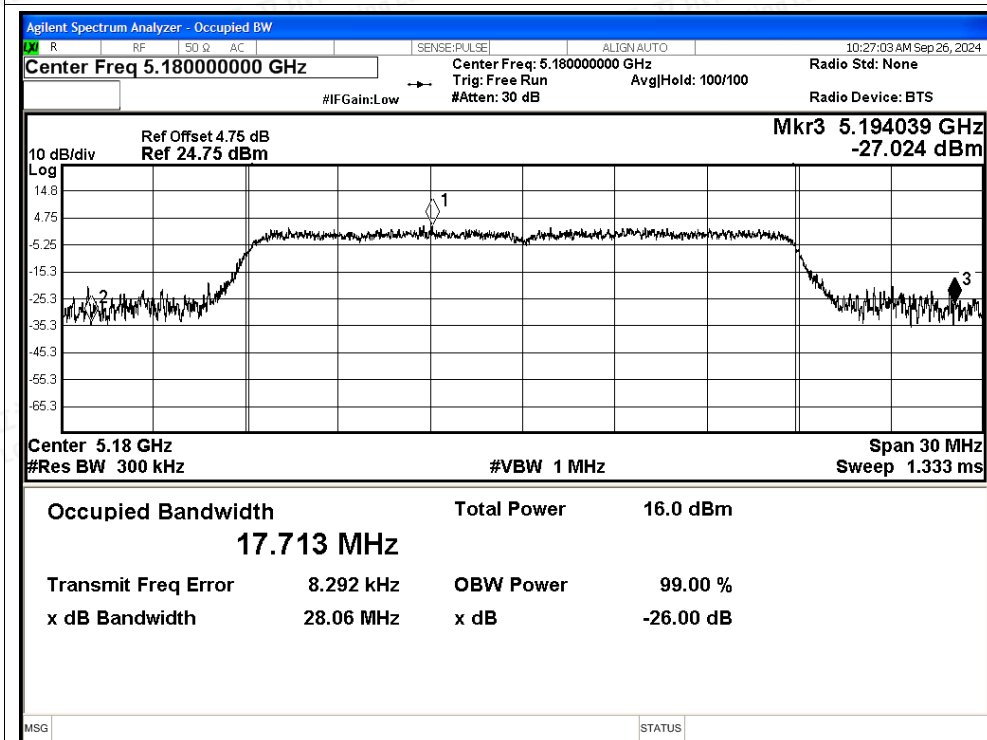
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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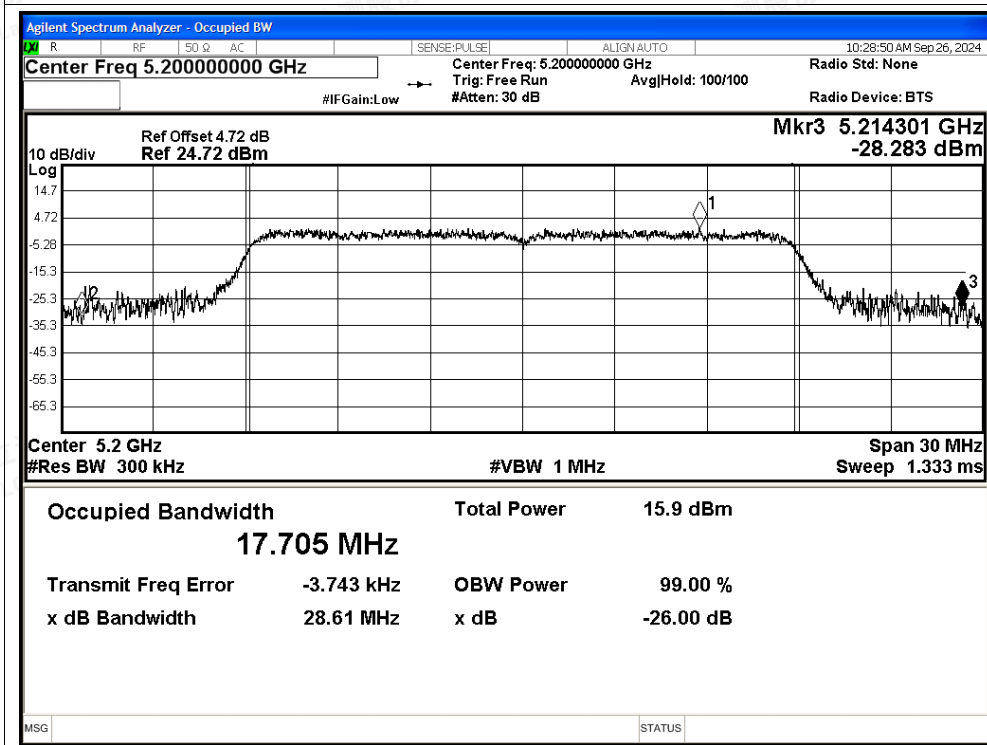
Scan code to check authenticity



-26dB Bandwidth NVNT ax20 5180MHz Ant1



-26dB Bandwidth NVNT ax20 5200MHz Ant1



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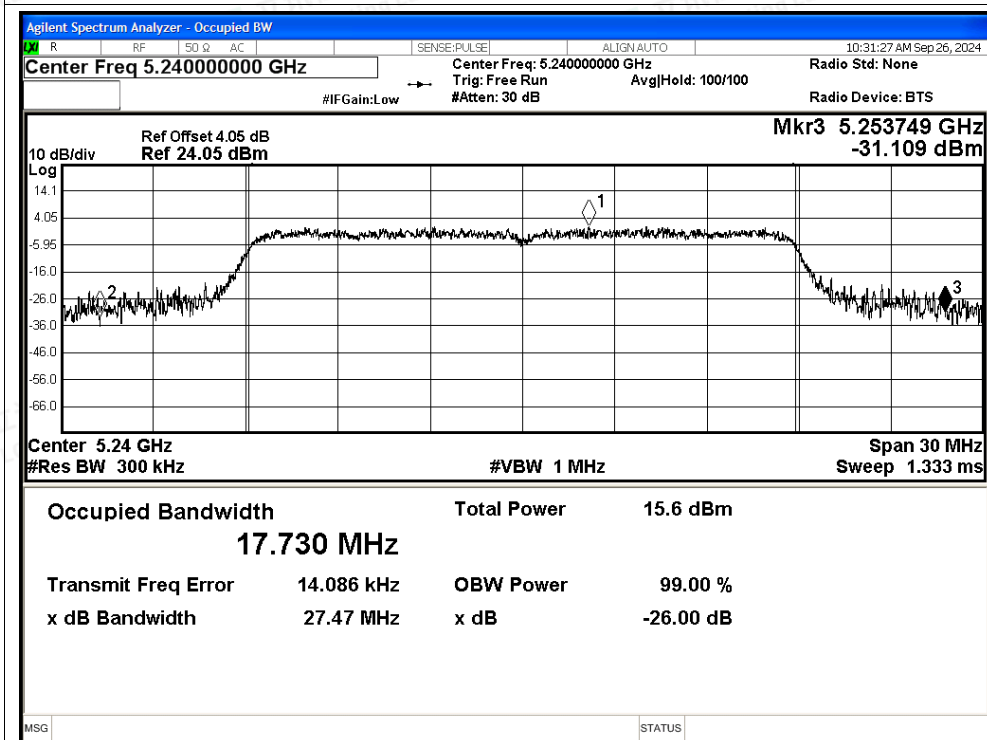
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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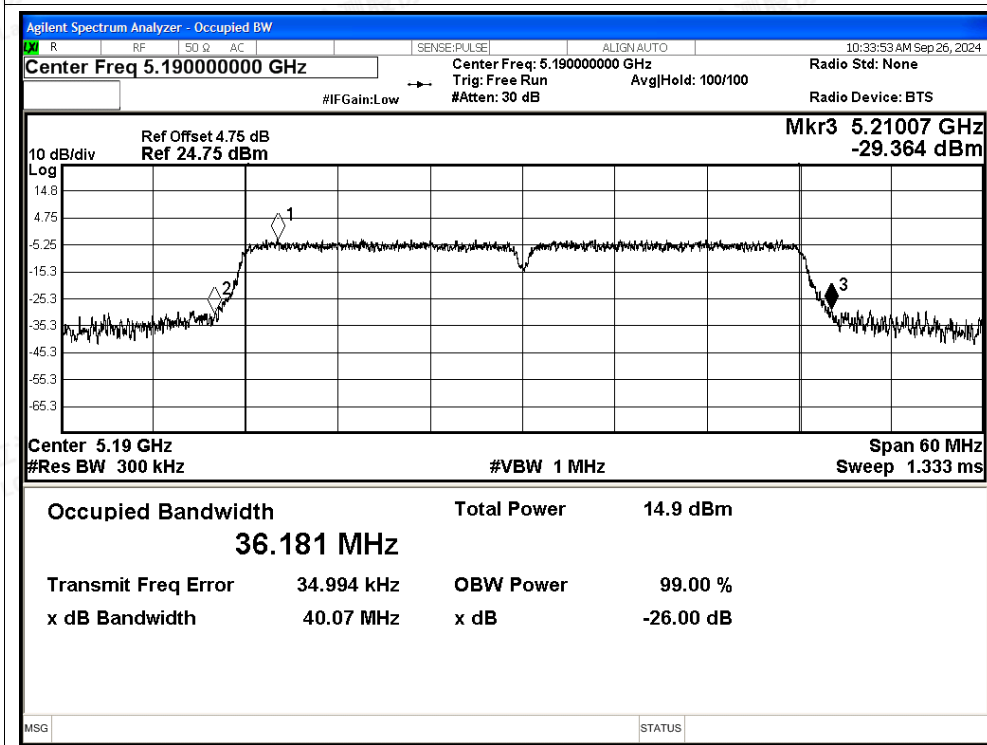
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-26dB Bandwidth NVNT ax20 5240MHz Ant1



-26dB Bandwidth NVNT ax40 5190MHz Ant1



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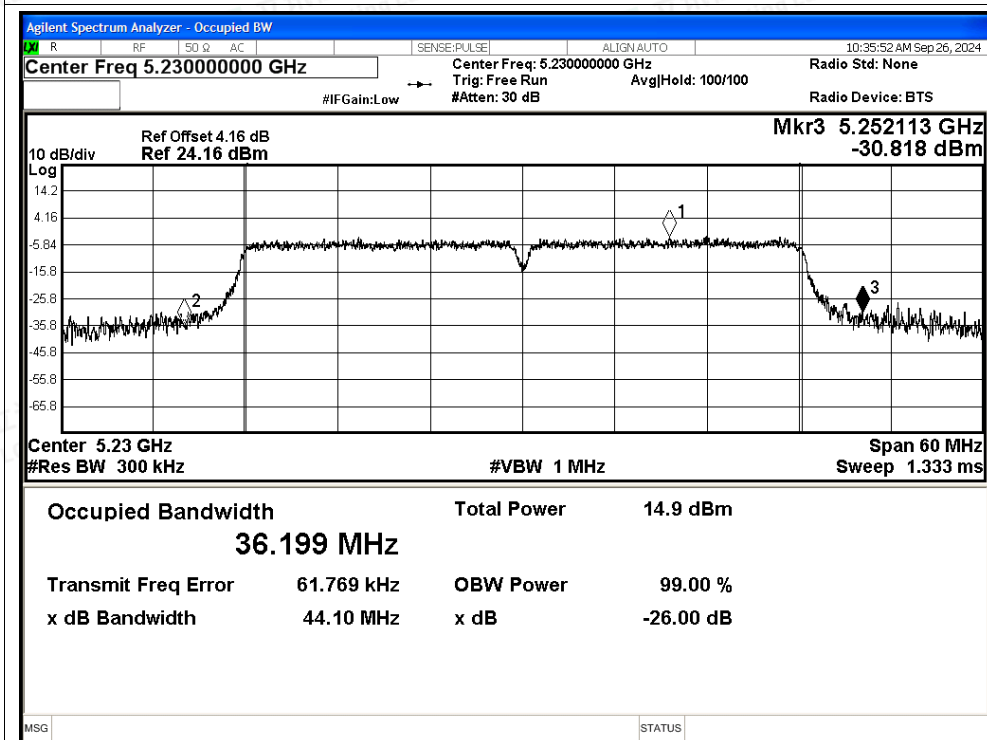
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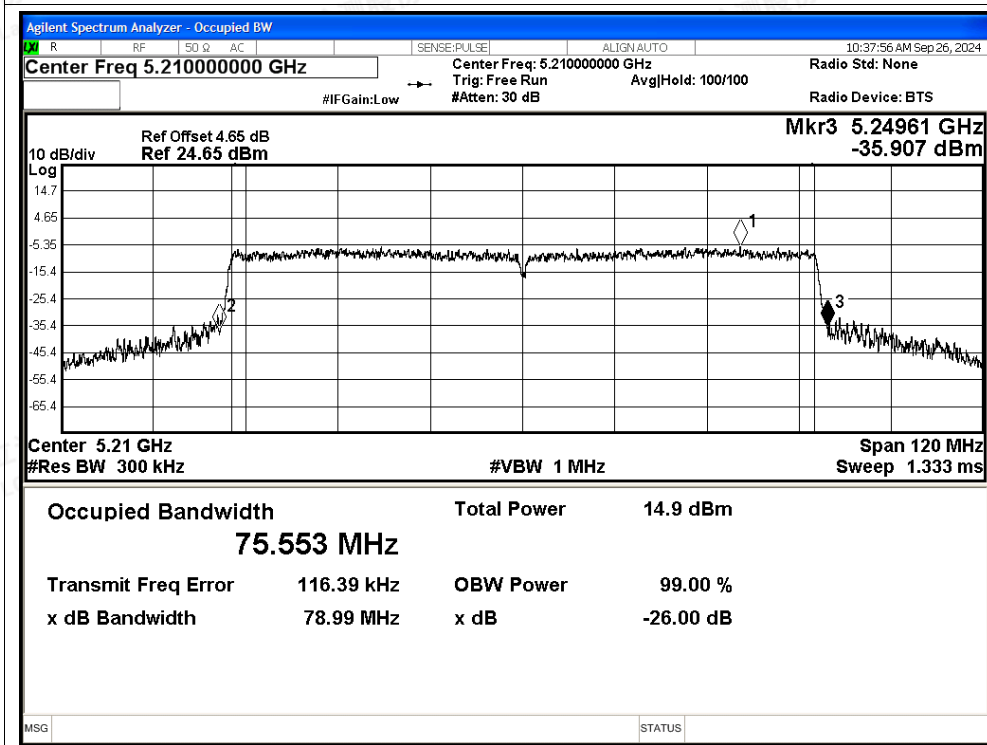
Scan code to check authenticity



-26dB Bandwidth NVNT ax40 5230MHz Ant1



-26dB Bandwidth NVNT ax80 5210MHz Ant1



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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	5180	Ant0	12.63	0.24	12.87	23.7	Pass
NVNT	a	5200	Ant0	12.5	0.24	12.74	23.7	Pass
NVNT	a	5240	Ant0	12.98	0.24	13.22	23.7	Pass
NVNT	n20	5180	Ant0	11.02	0.12	11.14	23.7	Pass
NVNT	n20	5200	Ant0	10.88	0.12	11	23.7	Pass
NVNT	n20	5240	Ant0	11.79	0.12	11.91	23.7	Pass
NVNT	n40	5190	Ant0	10.83	0.12	10.95	23.7	Pass
NVNT	n40	5230	Ant0	10.84	0.12	10.96	23.7	Pass
NVNT	ac20	5180	Ant0	11.26	0.12	11.38	23.7	Pass
NVNT	ac20	5200	Ant0	10.87	0.12	10.99	23.7	Pass
NVNT	ac20	5240	Ant0	11.91	0.12	12.03	23.7	Pass
NVNT	ac40	5190	Ant0	9.75	0.12	9.87	23.7	Pass
NVNT	ac40	5230	Ant0	10.77	0.12	10.89	23.7	Pass
NVNT	ac80	5210	Ant0	8.9	0.25	9.15	23.7	Pass
NVNT	ax20	5180	Ant0	11.51	0.12	11.63	23.7	Pass
NVNT	ax20	5200	Ant0	11.41	0.12	11.53	23.7	Pass
NVNT	ax20	5240	Ant0	10.91	0.12	11.03	23.7	Pass
NVNT	ax40	5190	Ant0	10.09	0.12	10.21	23.7	Pass
NVNT	ax40	5230	Ant0	9.92	0.12	10.04	23.7	Pass
NVNT	ax80	5210	Ant0	9.39	0.25	9.64	23.7	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.86	0.24	12.1	23.7	Pass
NVNT	a	5200	Ant1	11.74	0.24	11.98	23.7	Pass
NVNT	a	5240	Ant1	10.4	0.24	10.64	23.7	Pass
NVNT	n20	5180	Ant1	10.33	0.12	10.45	23.7	Pass
NVNT	n20	5200	Ant1	9.93	0.12	10.05	23.7	Pass
NVNT	n20	5240	Ant1	10.82	0.12	10.94	23.7	Pass
NVNT	n40	5190	Ant1	8.85	0.12	8.97	23.7	Pass
NVNT	n40	5230	Ant1	9.85	0.12	9.97	23.7	Pass
NVNT	ac20	5180	Ant1	10.38	0.12	10.5	23.7	Pass
NVNT	ac20	5200	Ant1	10.23	0.12	10.35	23.7	Pass
NVNT	ac20	5240	Ant1	10.93	0.12	11.05	23.7	Pass
NVNT	ac40	5190	Ant1	8.77	0.12	8.89	23.7	Pass
NVNT	ac40	5230	Ant1	9.8	0.12	9.92	23.7	Pass
NVNT	ac80	5210	Ant1	8.91	0.25	9.16	23.7	Pass



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NVNT	ax20	5180	Ant1	10.44	0.12	10.56	23.7	Pass
NVNT	ax20	5200	Ant1	10.38	0.12	10.5	23.7	Pass
NVNT	ax20	5240	Ant1	10.02	0.12	10.14	23.7	Pass
NVNT	ax40	5190	Ant1	9.02	0.24	9.26	23.7	Pass
NVNT	ax40	5230	Ant1	9.12	0.24	9.36	23.7	Pass
NVNT	ax80	5210	Ant1	8.28	0.47	8.75	23.7	Pass

MIMO

Condition	Mode	Frequency (MHz)	Antenna		Total Power (dBm)	Limit (dBm)	Verdict
			Ant0	Ant1			
NVNT	n20	5180	11.14	10.45	13.82	23.7	Pass
NVNT	n20	5200	11	10.05	13.56	23.7	Pass
NVNT	n20	5240	11.91	10.94	14.46	23.7	Pass
NVNT	n40	5190	10.95	8.97	13.08	23.7	Pass
NVNT	n40	5230	10.96	9.97	13.50	23.7	Pass
NVNT	ac20	5180	11.38	10.5	13.97	23.7	Pass
NVNT	ac20	5200	10.99	10.35	13.69	23.7	Pass
NVNT	ac20	5240	12.03	11.05	14.58	23.7	Pass
NVNT	ac40	5190	9.87	8.89	12.42	23.7	Pass
NVNT	ac40	5230	10.89	9.92	13.44	23.7	Pass
NVNT	ac80	5210	9.15	9.16	12.17	23.7	Pass
NVNT	ax20	5180	11.63	10.56	14.14	23.7	Pass
NVNT	ax20	5200	11.53	10.5	14.06	23.7	Pass
NVNT	ax20	5240	11.03	10.14	13.62	23.7	Pass
NVNT	ax40	5190	10.21	9.26	12.77	23.7	Pass
NVNT	ax40	5230	10.04	9.36	12.72	23.7	Pass
NVNT	ax80	5210	9.64	8.75	12.23	23.7	Pass





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	5180	Ant0	1.93	0.24	2.17	10.7	Pass
NVNT	a	5200	Ant0	1.97	0.24	2.21	10.7	Pass
NVNT	a	5240	Ant0	-0.04	0.24	0.2	10.7	Pass
NVNT	n20	5180	Ant0	0.18	0.12	0.3	10.7	Pass
NVNT	n20	5200	Ant0	0.12	0.12	0.24	10.7	Pass
NVNT	n20	5240	Ant0	1.07	0.12	1.19	10.7	Pass
NVNT	n40	5190	Ant0	-4.24	0.12	-4.12	10.7	Pass
NVNT	n40	5230	Ant0	-2.7	0.12	-2.58	10.7	Pass
NVNT	ac20	5180	Ant0	0.45	0.12	0.57	10.7	Pass
NVNT	ac20	5200	Ant0	0.33	0.12	0.45	10.7	Pass
NVNT	ac20	5240	Ant0	1.17	0.12	1.29	10.7	Pass
NVNT	ac40	5190	Ant0	-2.73	0.12	-2.61	10.7	Pass
NVNT	ac40	5230	Ant0	-2.31	0.12	-2.19	10.7	Pass
NVNT	ac80	5210	Ant0	-7.5	0.25	-7.25	10.7	Pass
NVNT	ax20	5180	Ant0	0.87	0.12	0.99	10.7	Pass
NVNT	ax20	5200	Ant0	0.58	0.12	0.7	10.7	Pass
NVNT	ax20	5240	Ant0	0.24	0.12	0.36	10.7	Pass
NVNT	ax40	5190	Ant0	-3.87	0.12	-3.75	10.7	Pass
NVNT	ax40	5230	Ant0	-3.63	0.12	-3.51	10.7	Pass
NVNT	ax80	5210	Ant0	-3.14	0.25	-2.89	10.7	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD(dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	Ant1	1.55	0.24	1.79	10.7	Pass
NVNT	a	5200	Ant1	1.55	0.24	1.79	10.7	Pass
NVNT	a	5240	Ant1	-0.05	0.24	0.19	10.7	Pass
NVNT	n20	5180	Ant1	-0.25	0.12	-0.13	10.7	Pass
NVNT	n20	5200	Ant1	-0.63	0.12	-0.51	10.7	Pass
NVNT	n20	5240	Ant1	0.12	0.12	0.24	10.7	Pass
NVNT	n40	5190	Ant1	-5.06	0.12	-4.94	10.7	Pass
NVNT	n40	5230	Ant1	-3.8	0.12	-3.68	10.7	Pass
NVNT	ac20	5180	Ant1	-0.49	0.12	-0.37	10.7	Pass
NVNT	ac20	5200	Ant1	-0.73	0.12	-0.61	10.7	Pass
NVNT	ac20	5240	Ant1	0.21	0.12	0.33	10.7	Pass
NVNT	ac40	5190	Ant1	-5.18	0.12	-5.06	10.7	Pass
NVNT	ac40	5230	Ant1	-4.91	0.12	-4.79	10.7	Pass
NVNT	ac80	5210	Ant1	-7.19	0.25	-6.94	10.7	Pass



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NVNT	ax20	5180	Ant1	-0.34	0.12	-0.22	10.7	Pass
NVNT	ax20	5200	Ant1	-0.17	0.12	-0.05	10.7	Pass
NVNT	ax20	5240	Ant1	-0.82	0.12	-0.7	10.7	Pass
NVNT	ax40	5190	Ant1	-4.89	0.24	-4.65	10.7	Pass
NVNT	ax40	5230	Ant1	-4.39	0.24	-4.15	10.7	Pass
NVNT	ax80	5210	Ant1	-8.36	0.47	-7.89	10.7	Pass

MIMO

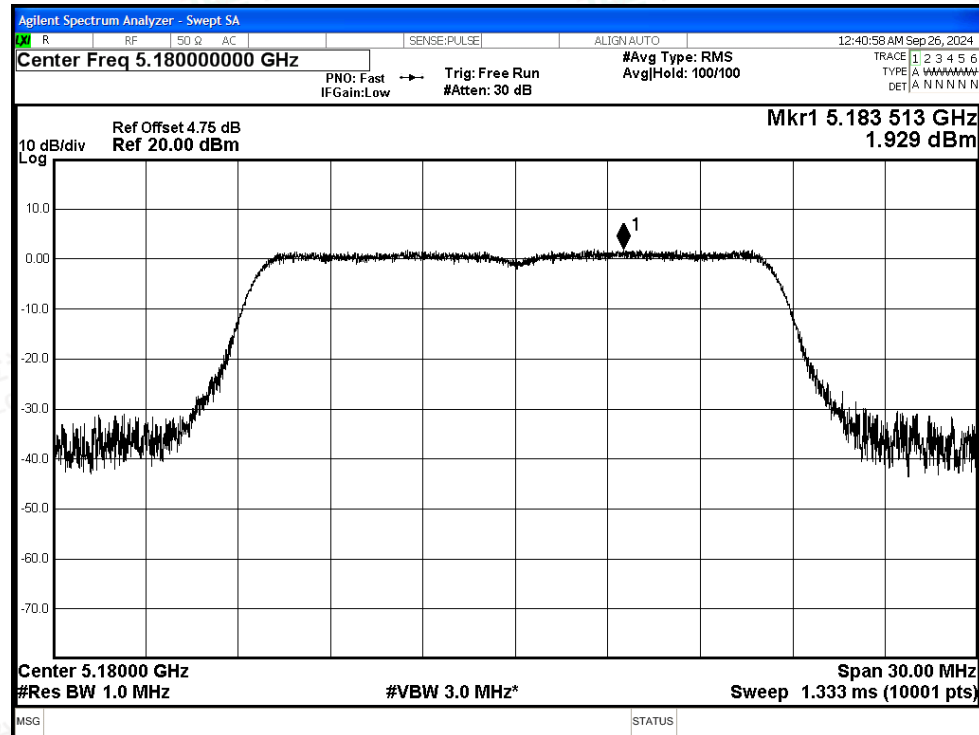
Condition	Mode	Frequency (MHz)	Conducted PSD (dBm/MHz)		Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
			Duty Factor (dB)				
			Ant0	Ant1			
NVNT	n20	5180	0.3	-0.13	3.10	7.69	Pass
NVNT	n20	5200	0.24	-0.51	2.89	7.69	Pass
NVNT	n20	5240	1.19	0.24	3.75	7.69	Pass
NVNT	n40	5190	-4.12	-4.94	-1.50	7.69	Pass
NVNT	n40	5230	-2.58	-3.68	-0.08	7.69	Pass
NVNT	ac20	5180	0.57	-0.37	3.14	7.69	Pass
NVNT	ac20	5200	0.45	-0.61	2.96	7.69	Pass
NVNT	ac20	5240	1.29	0.33	3.85	7.69	Pass
NVNT	ac40	5190	-2.61	-5.06	-0.65	7.69	Pass
NVNT	ac40	5230	-2.19	-4.79	-0.29	7.69	Pass
NVNT	ac80	5210	-7.25	-6.94	-4.08	7.69	Pass
NVNT	ax20	5180	0.99	-0.22	3.44	7.69	Pass
NVNT	ax20	5200	0.7	-0.05	3.35	7.69	Pass
NVNT	ax20	5240	0.36	-0.7	2.87	7.69	Pass
NVNT	ax40	5190	-3.75	-4.65	-1.17	7.69	Pass
NVNT	ax40	5230	-3.51	-4.15	-0.81	7.69	Pass
NVNT	ax80	5210	-2.89	-7.89	-1.70	7.69	Pass



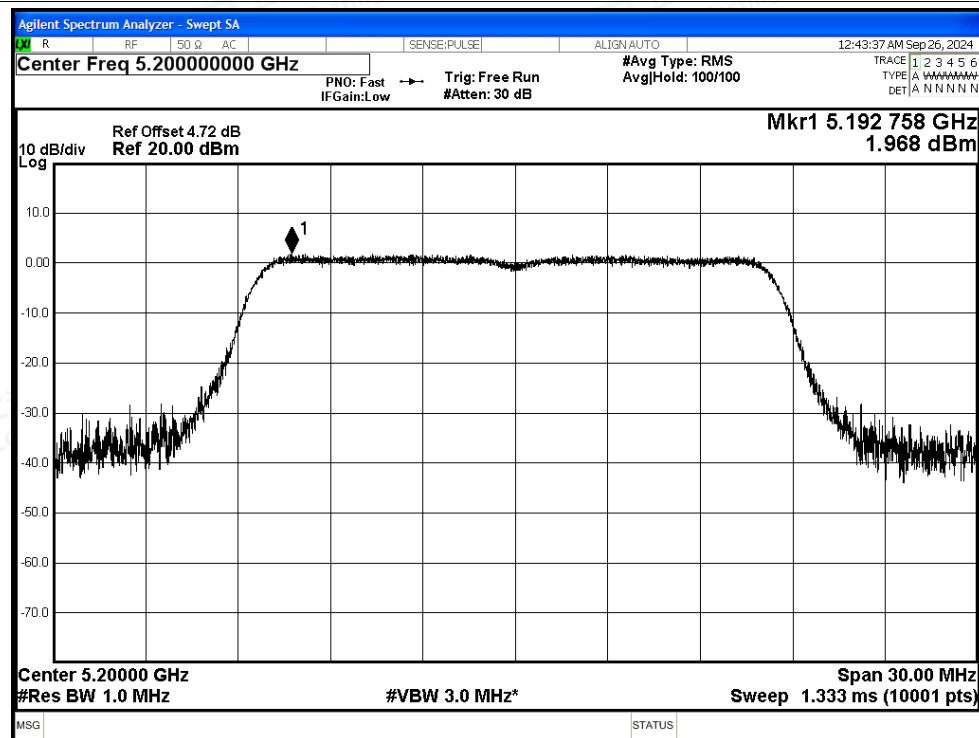


Test Graphs

PSD NVNT a 5180MHz Ant0

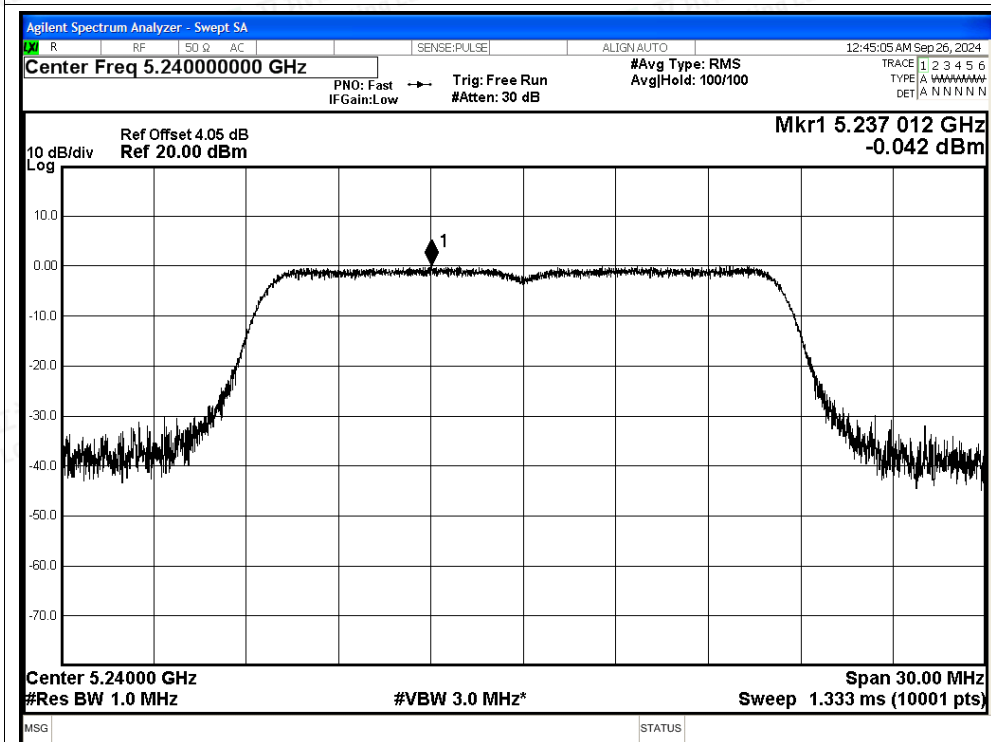


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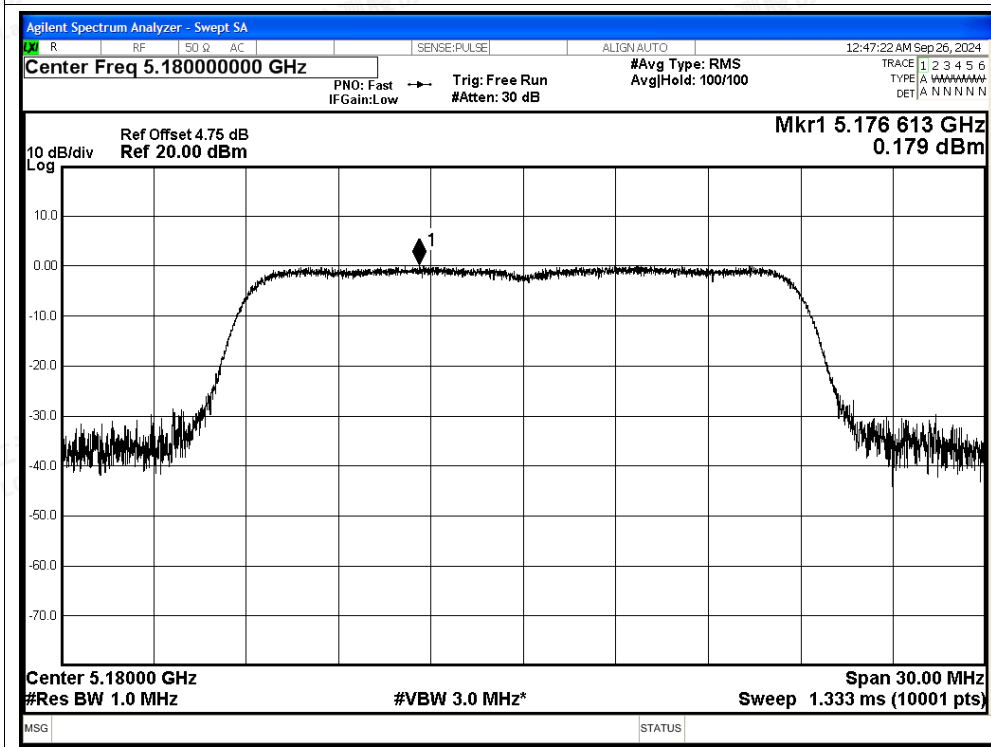


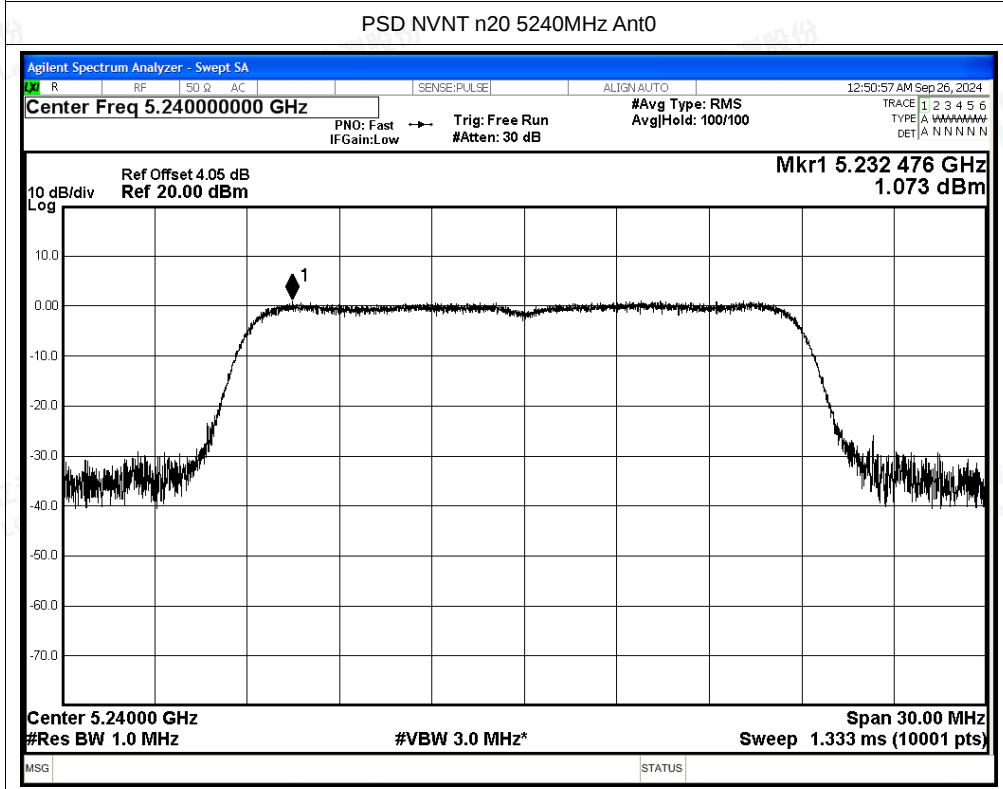
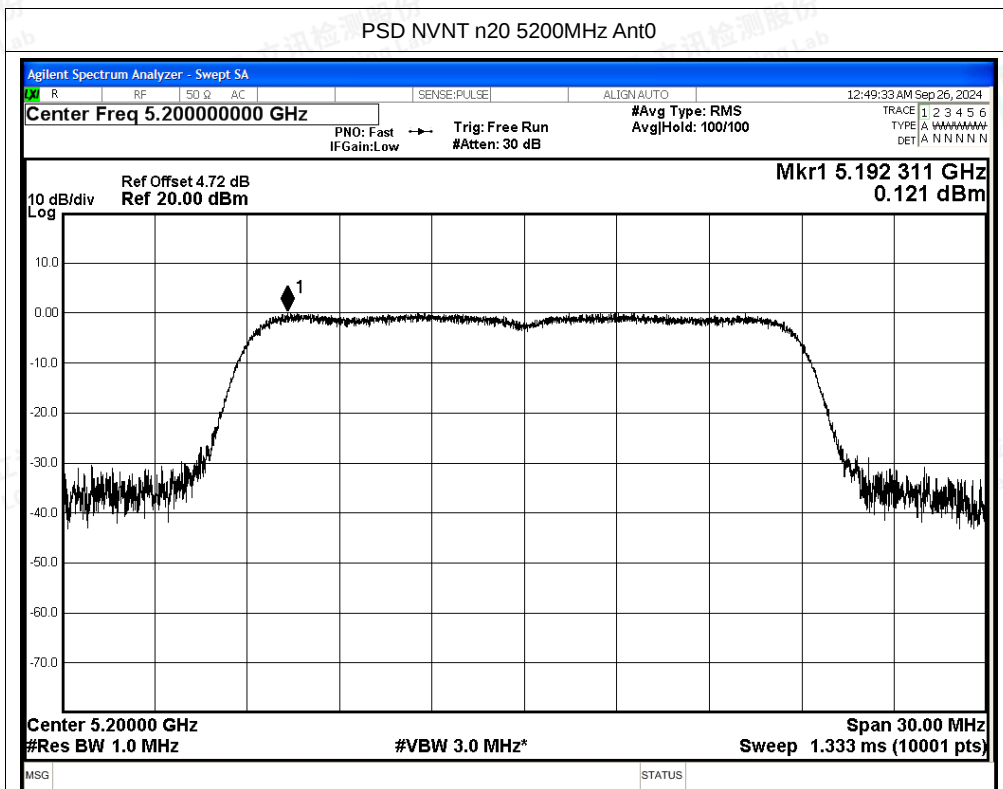


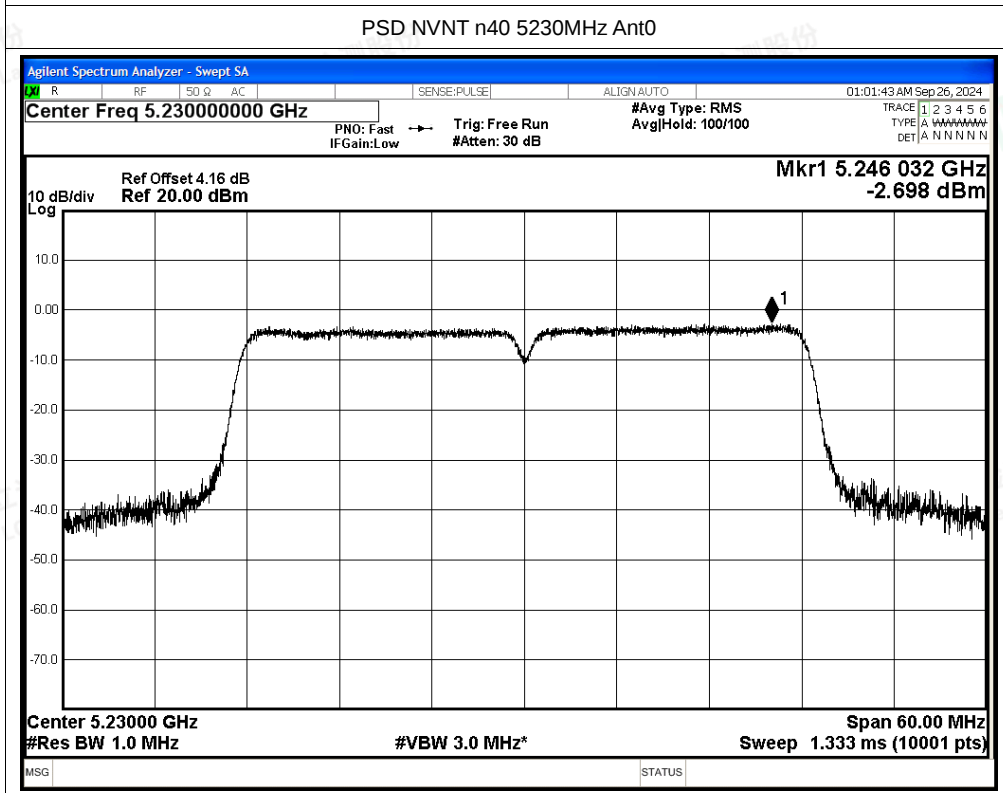
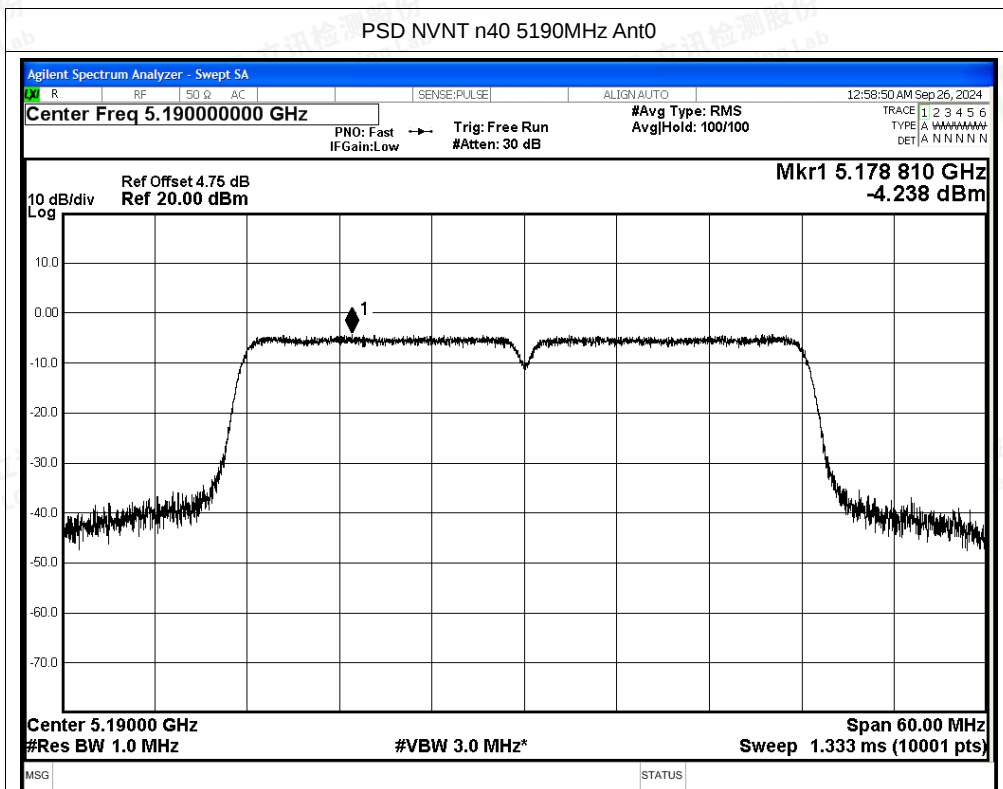
PSD NVNT a 5240MHz Ant0

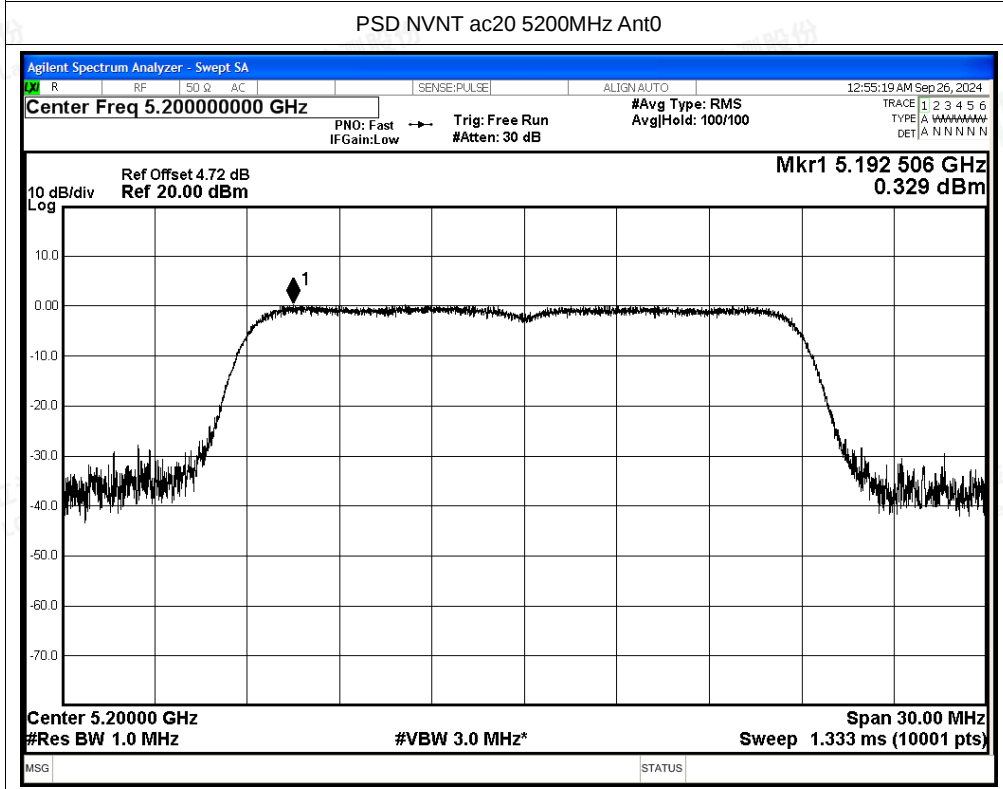
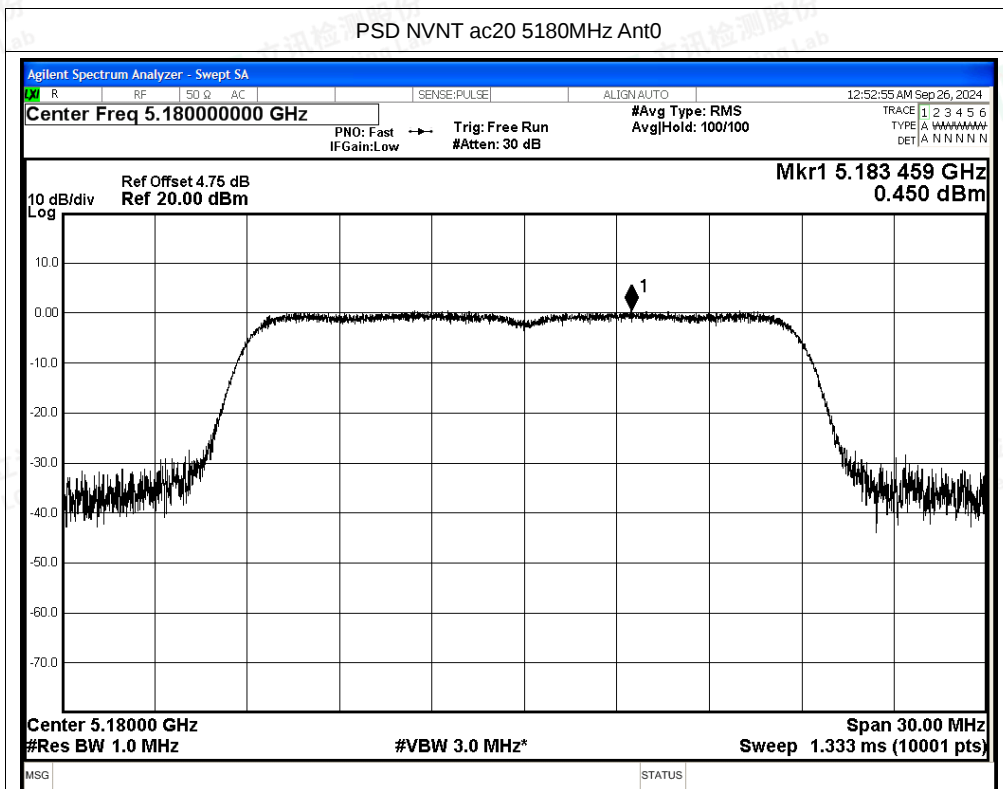


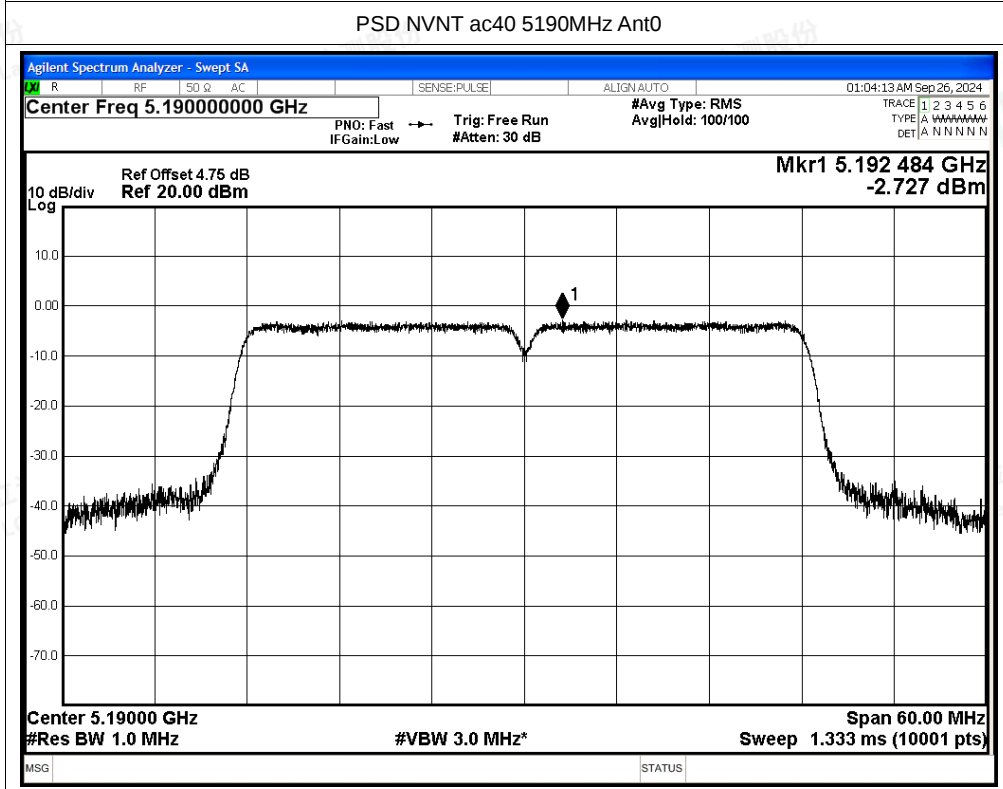
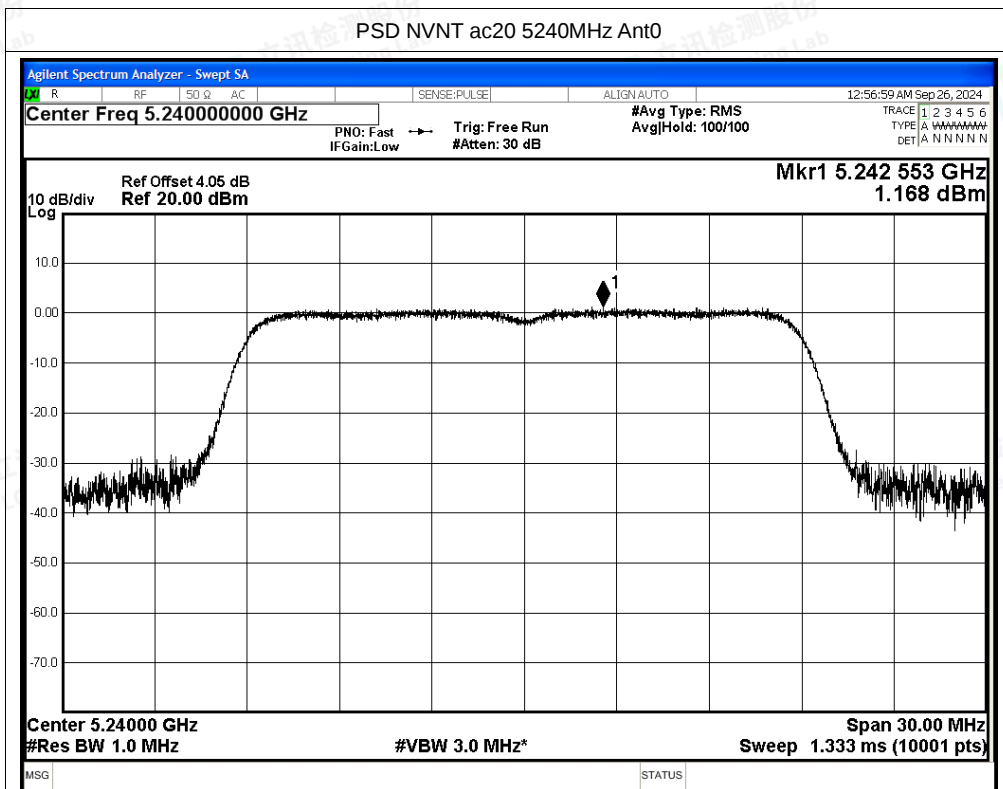
PSD NVNT n20 5180MHz Ant0

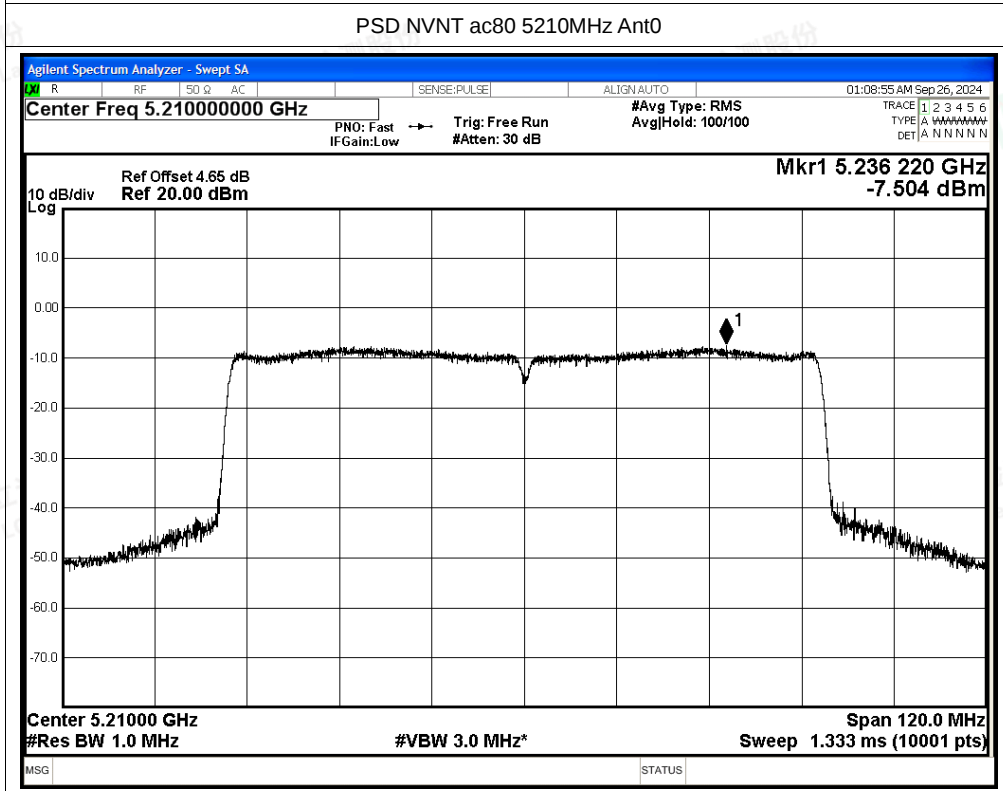
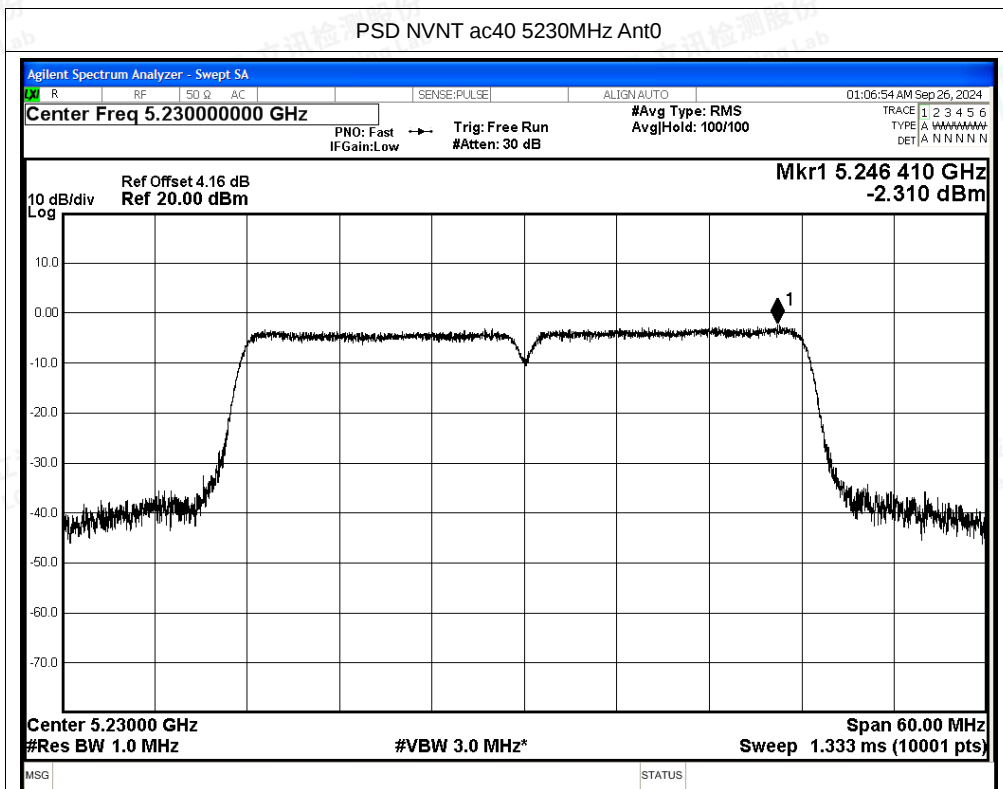


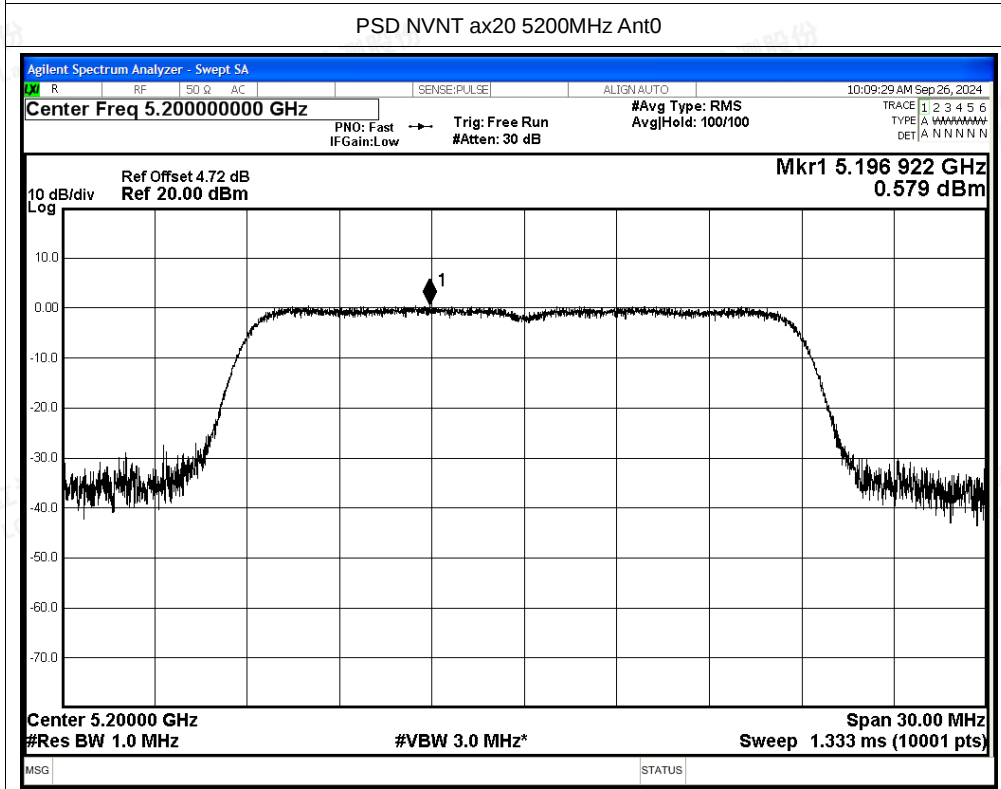
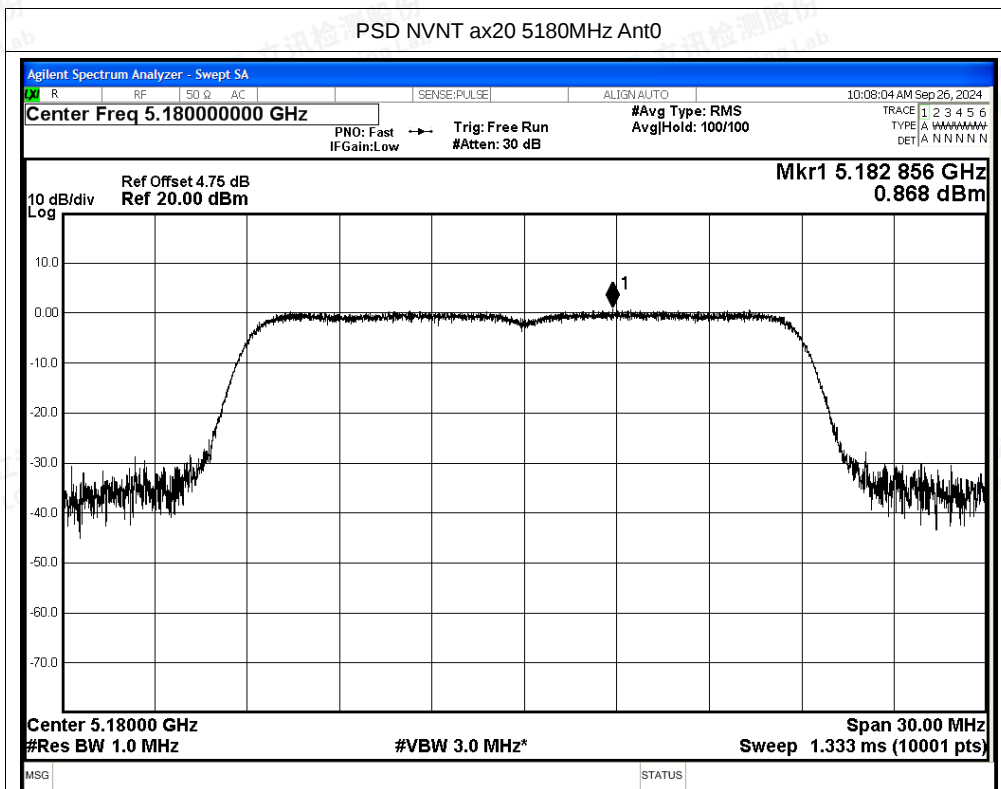


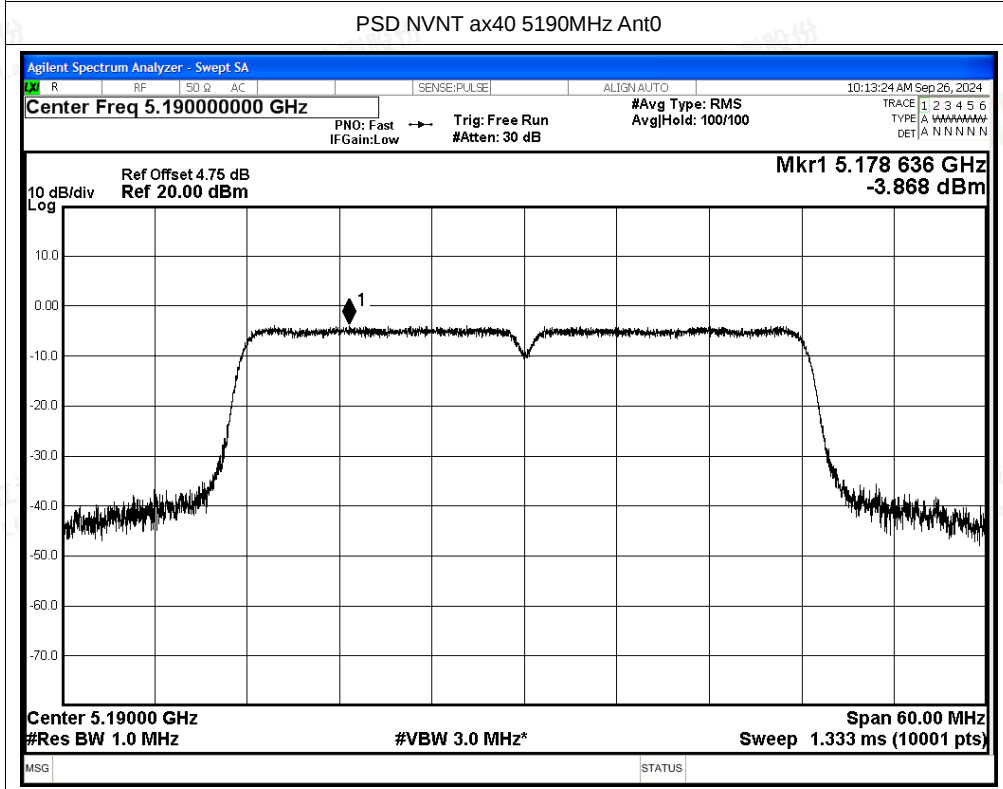
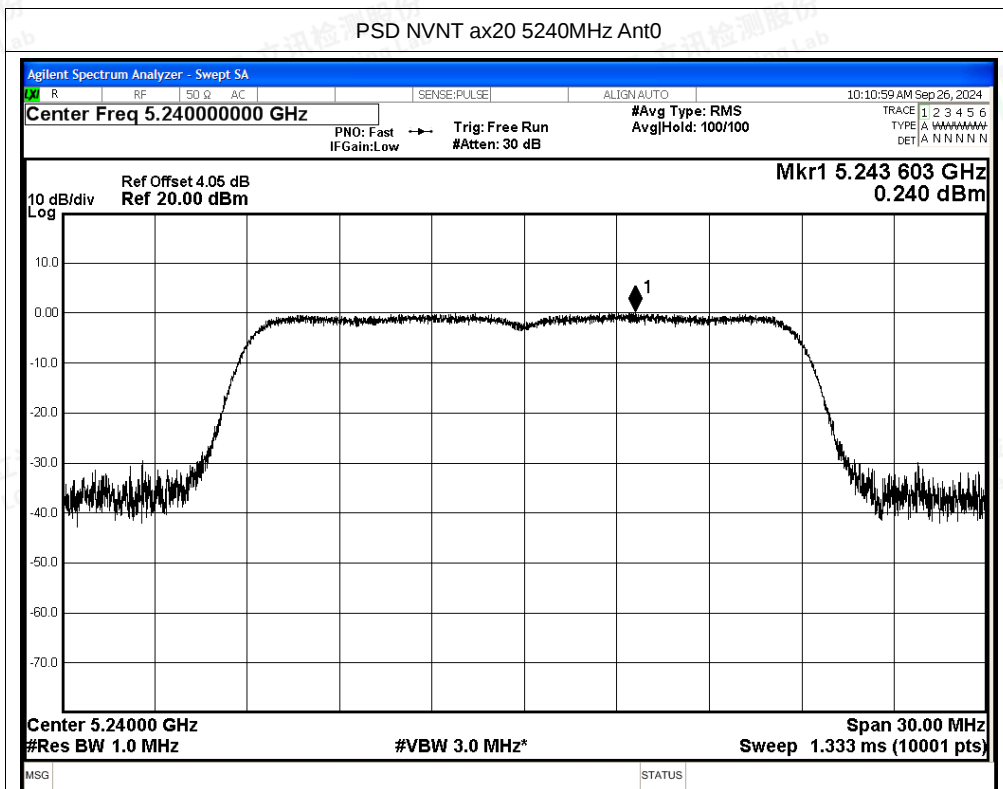






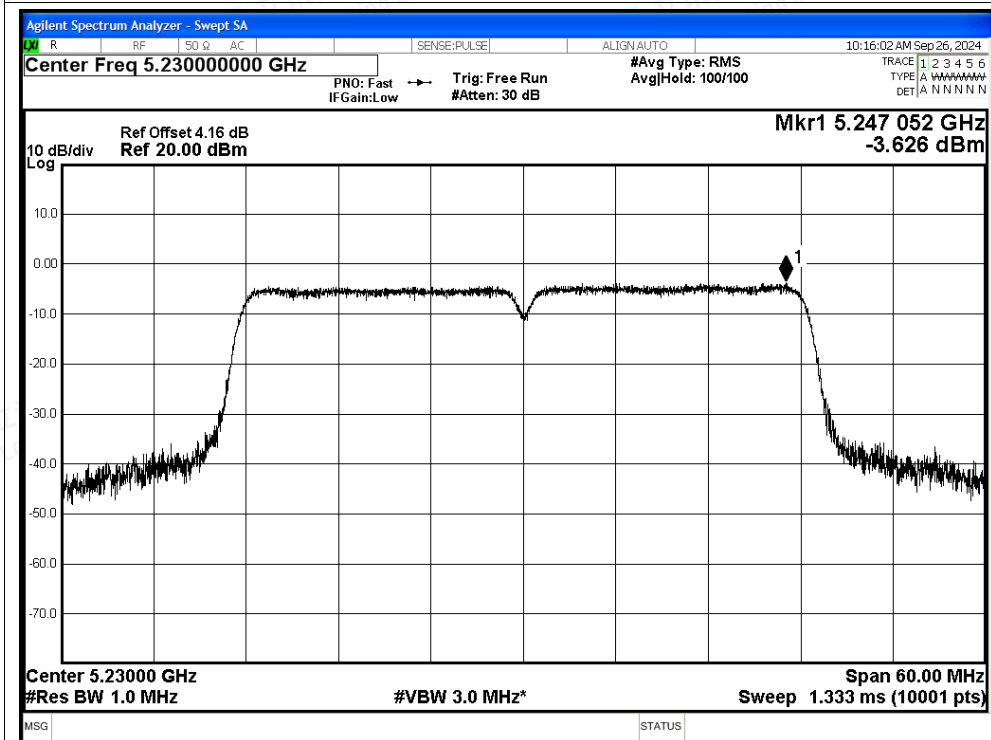




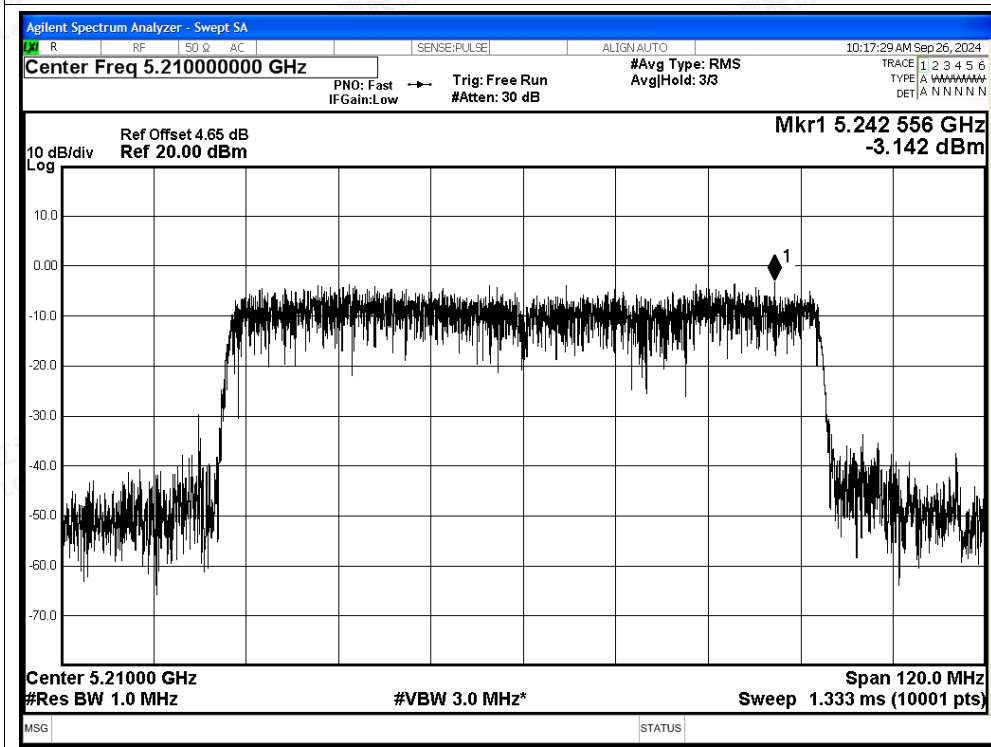




PSD NVNT ax40 5230MHz Ant0



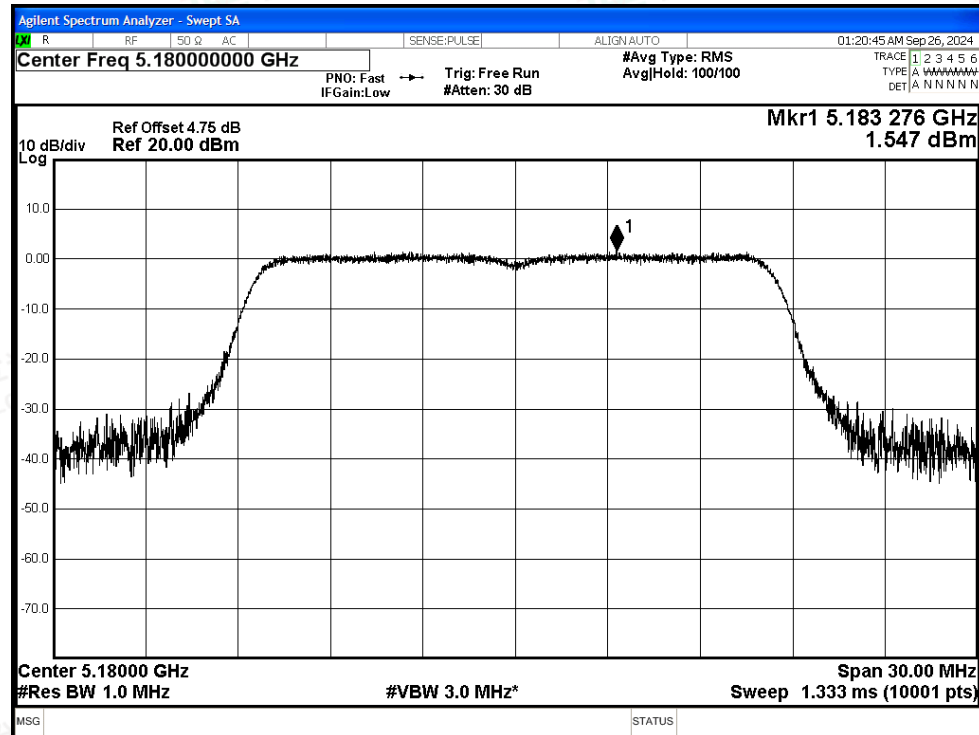
PSD NVNT ax80 5210MHz Ant0



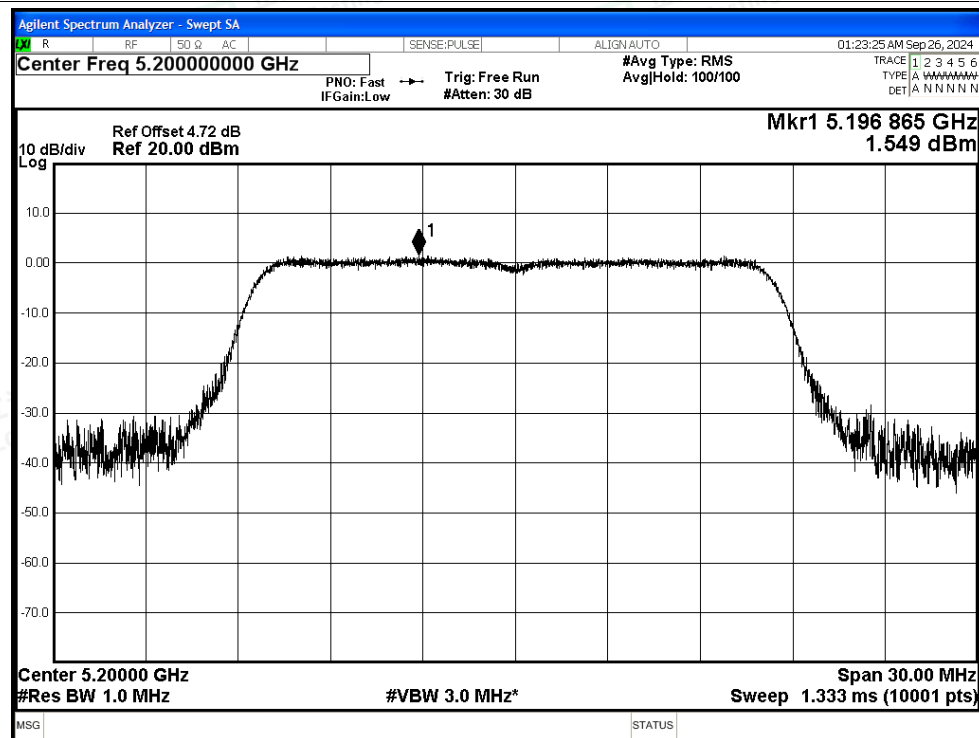


Test Graphs

PSD NVNT a 5180MHz Ant1

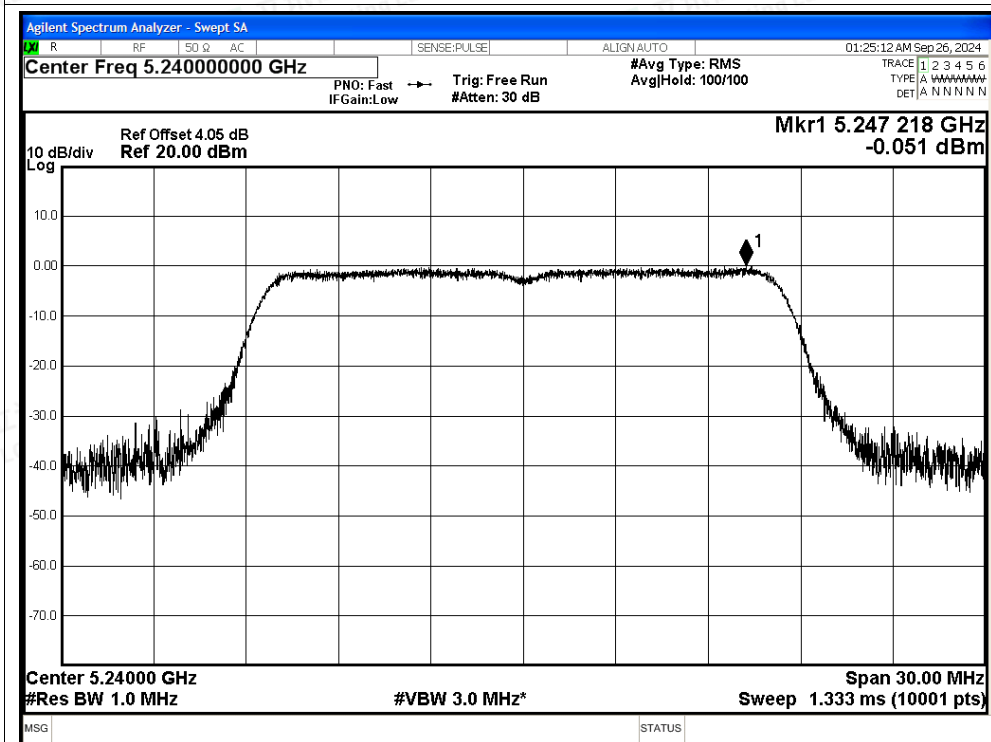


PSD NVNT a 5200MHz Ant1

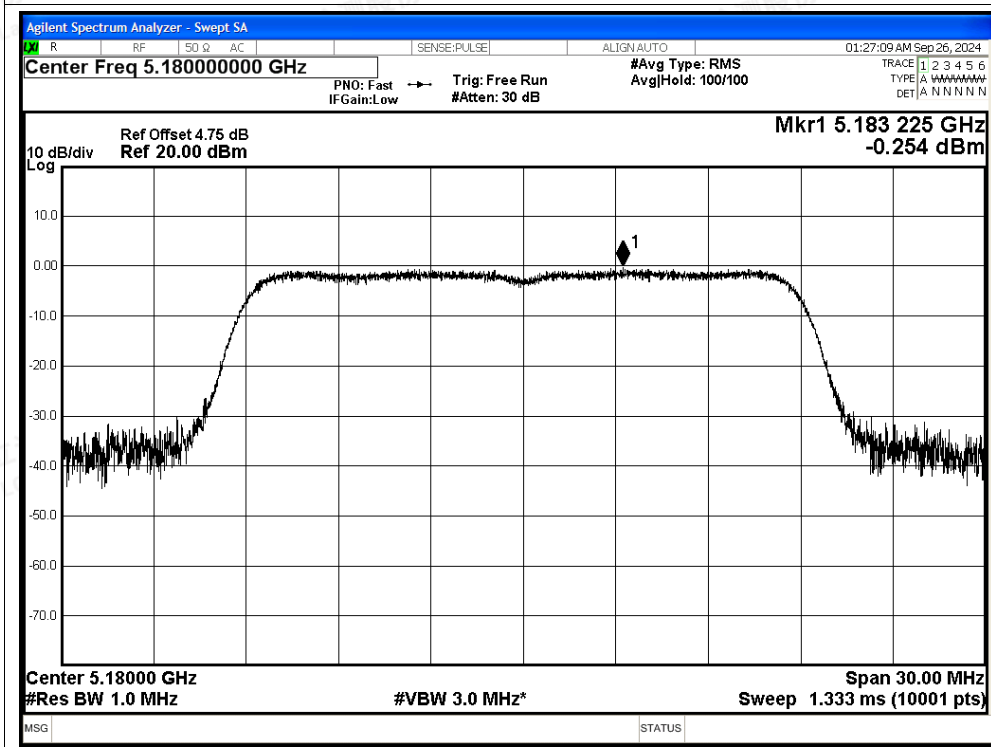


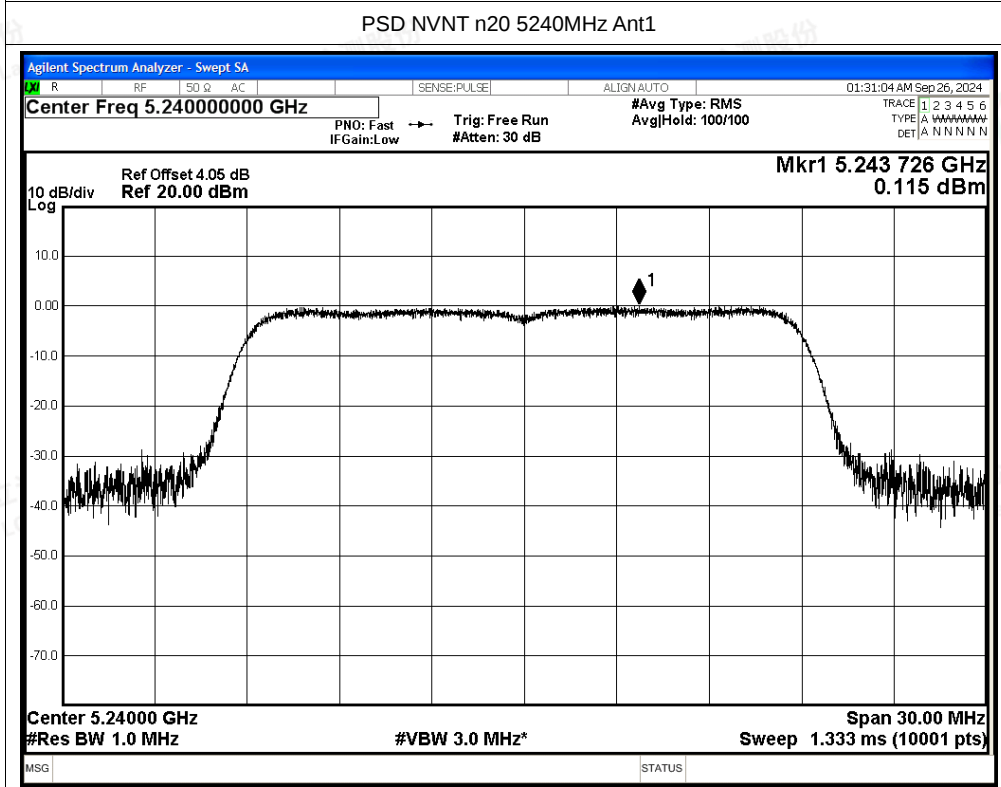
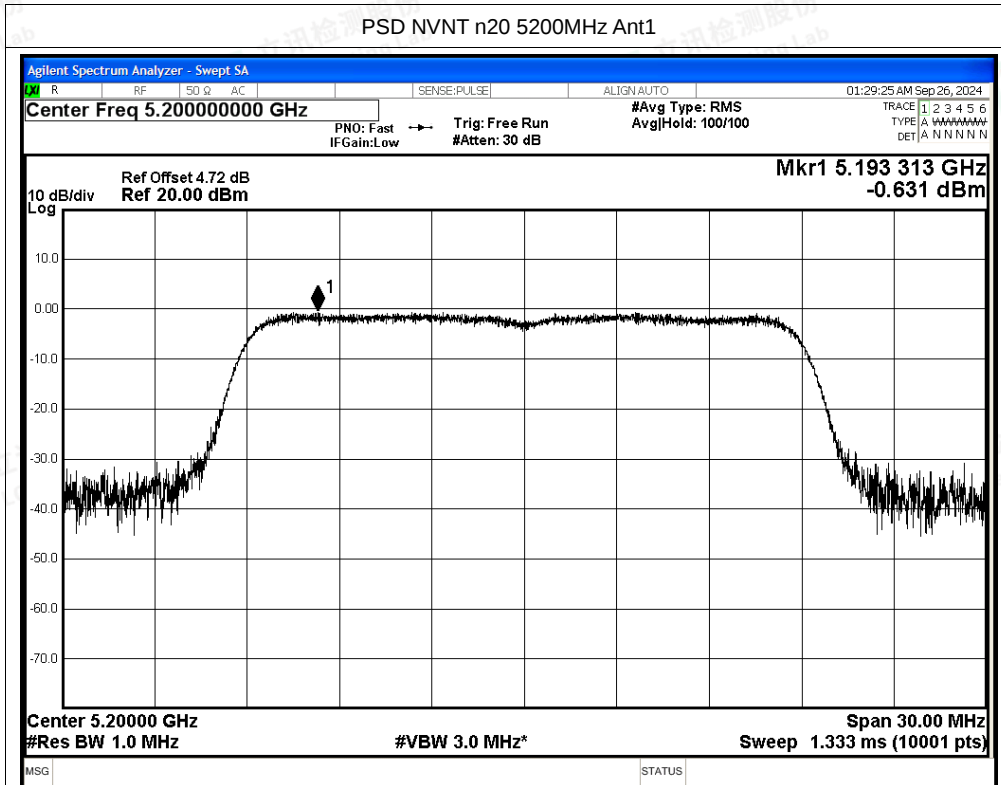


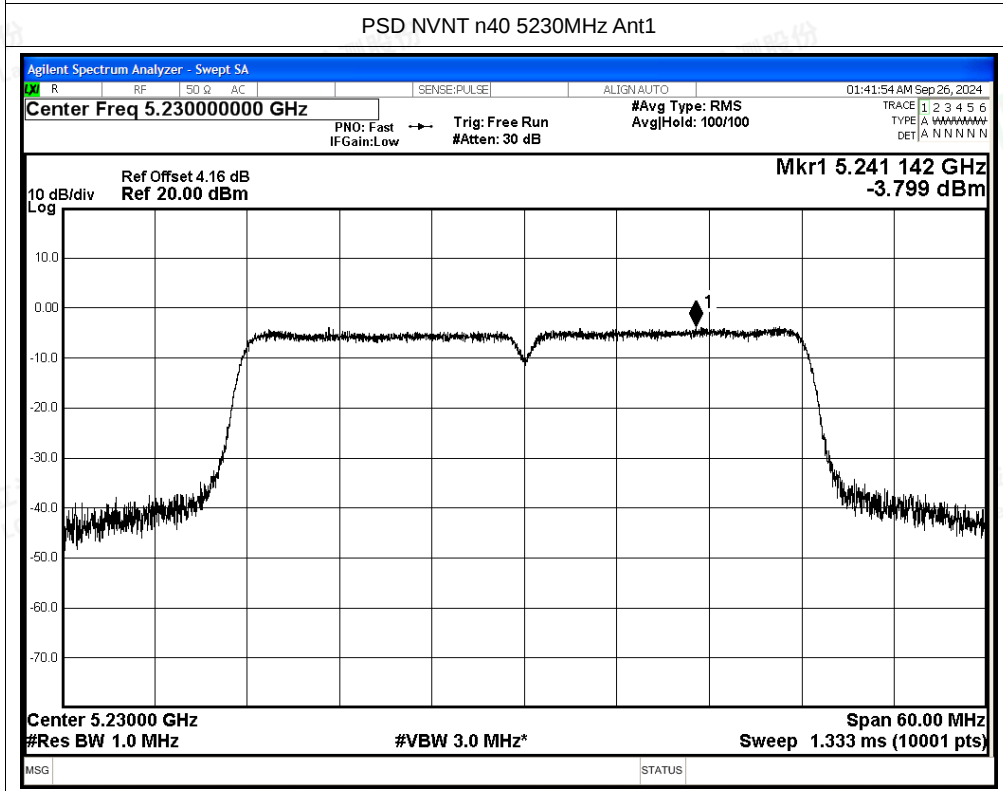
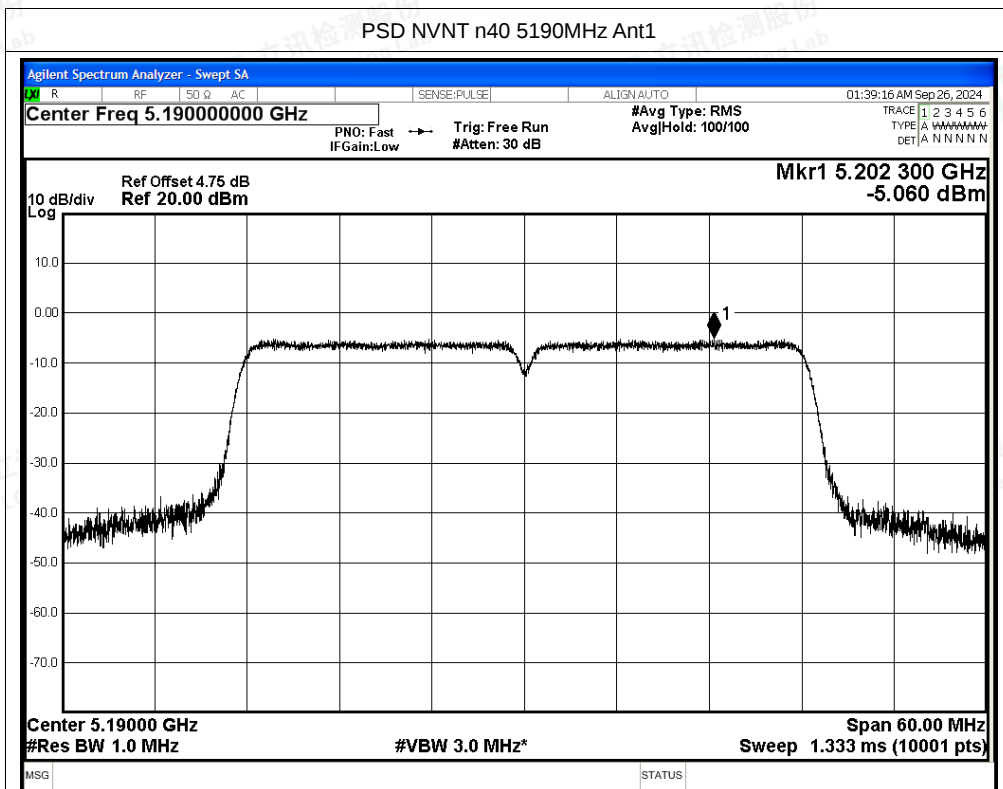
PSD NVNT a 5240MHz Ant1



PSD NVNT n20 5180MHz Ant1





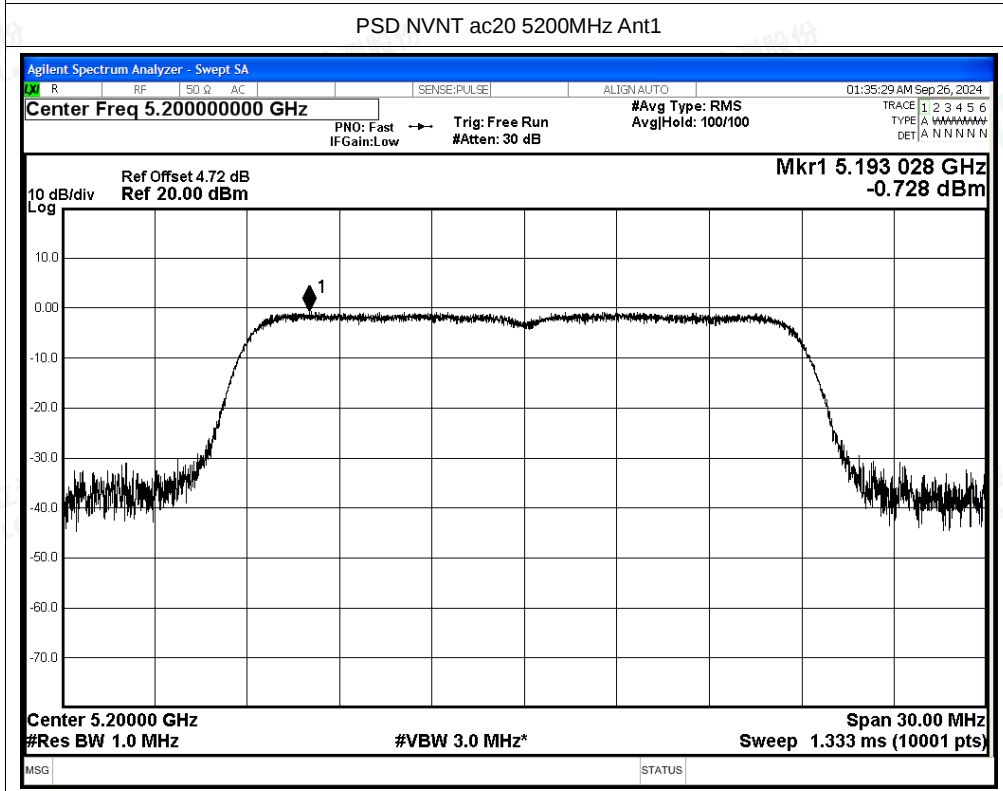
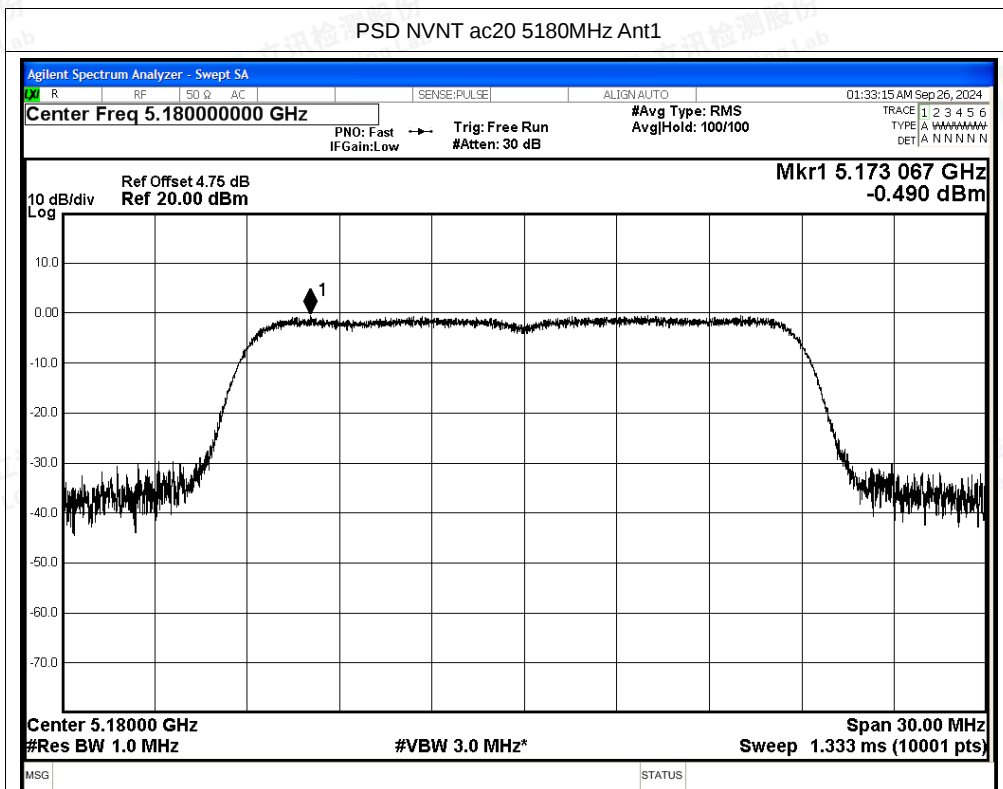


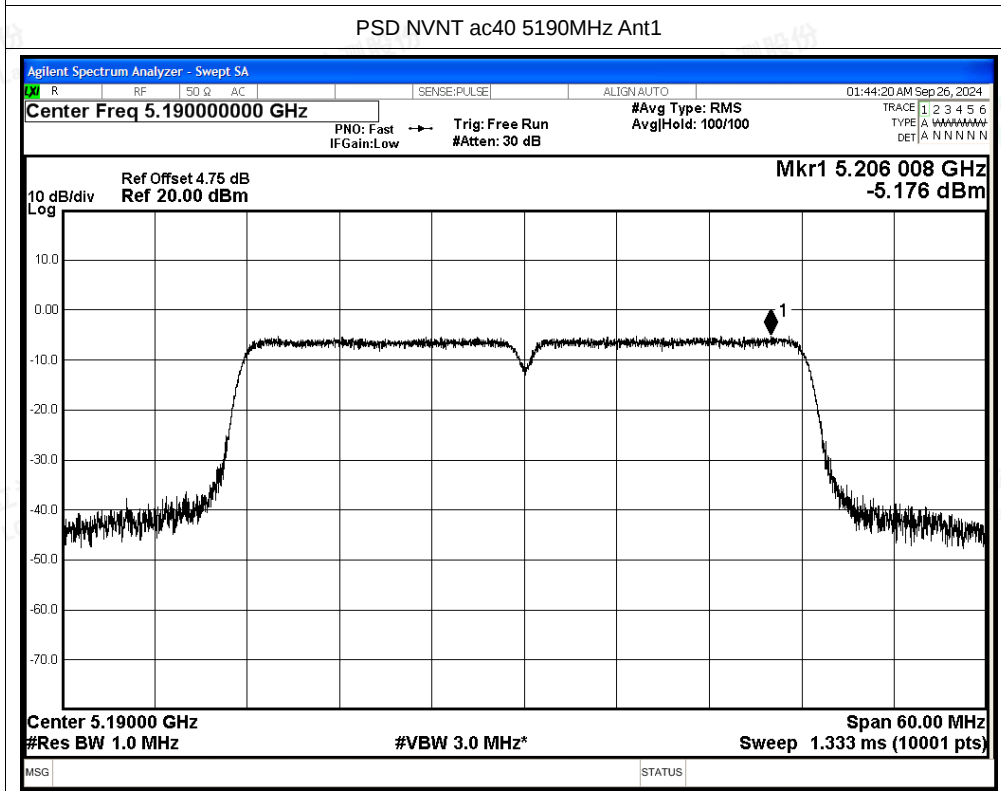
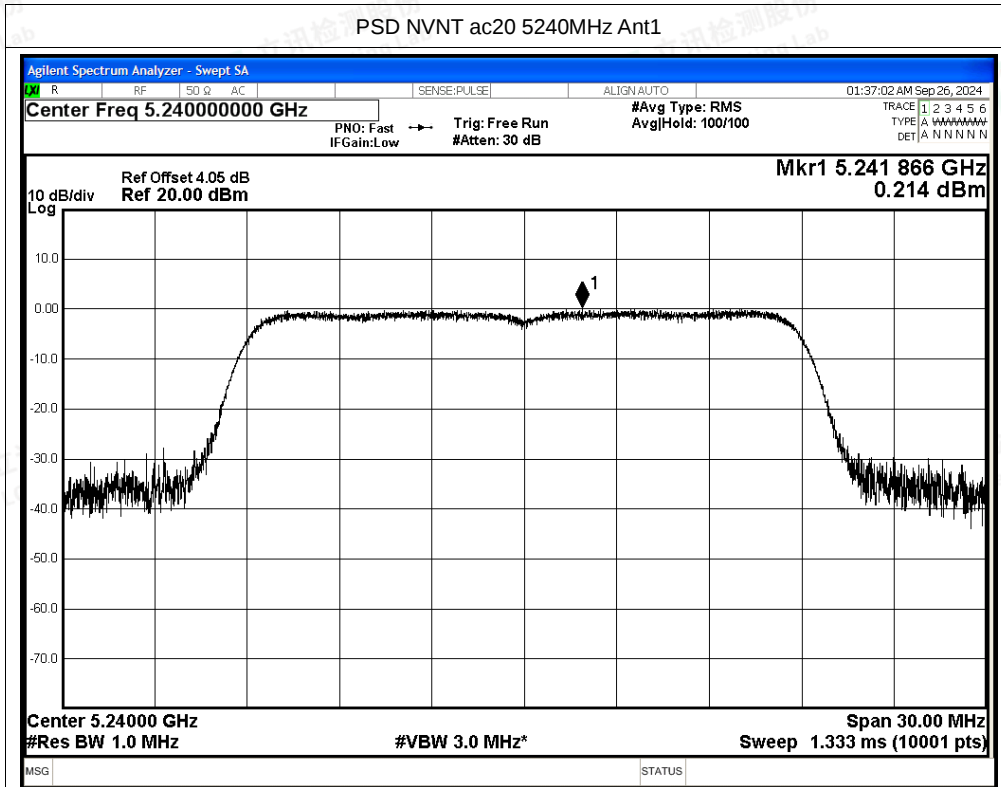
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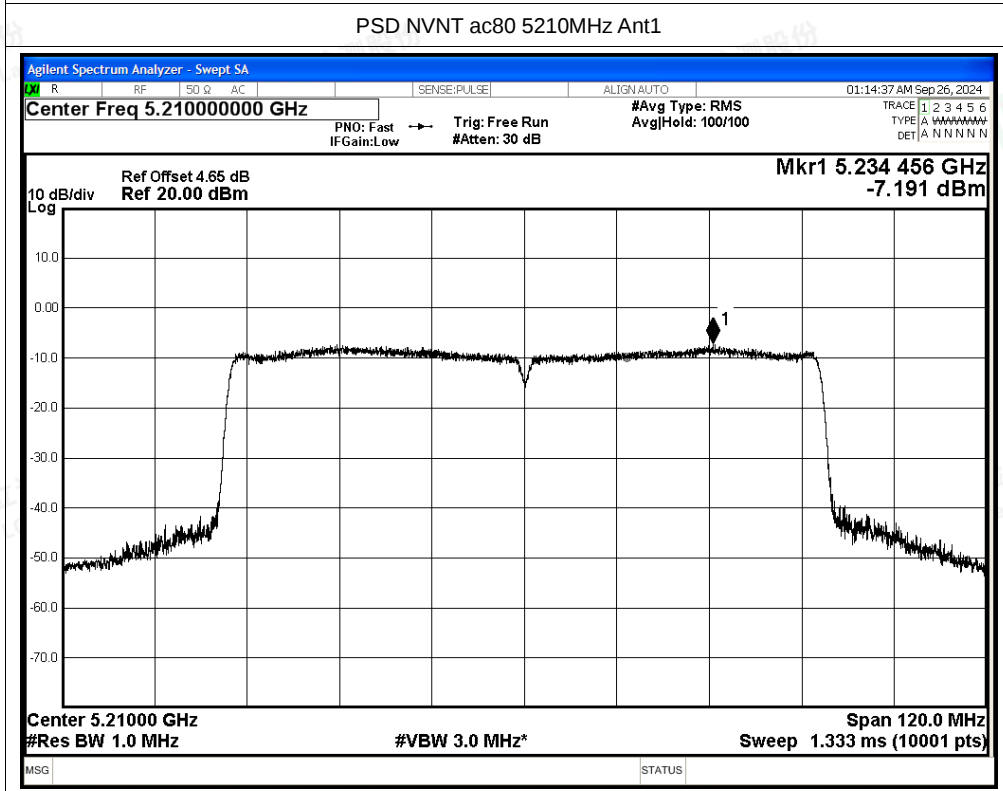
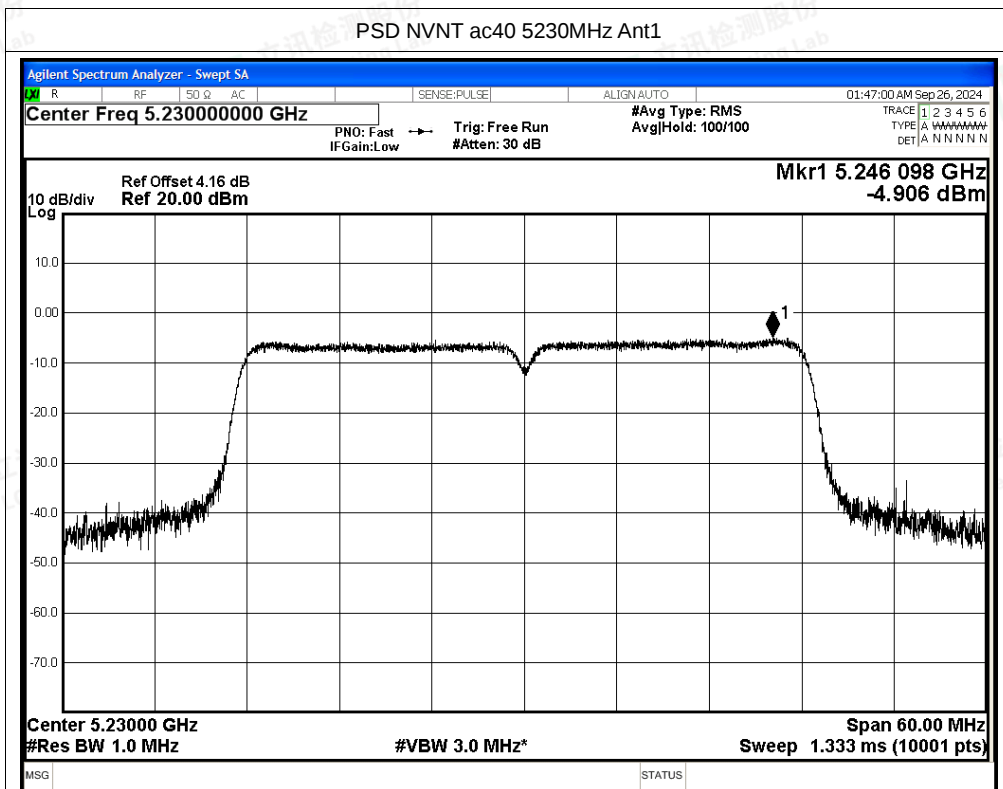
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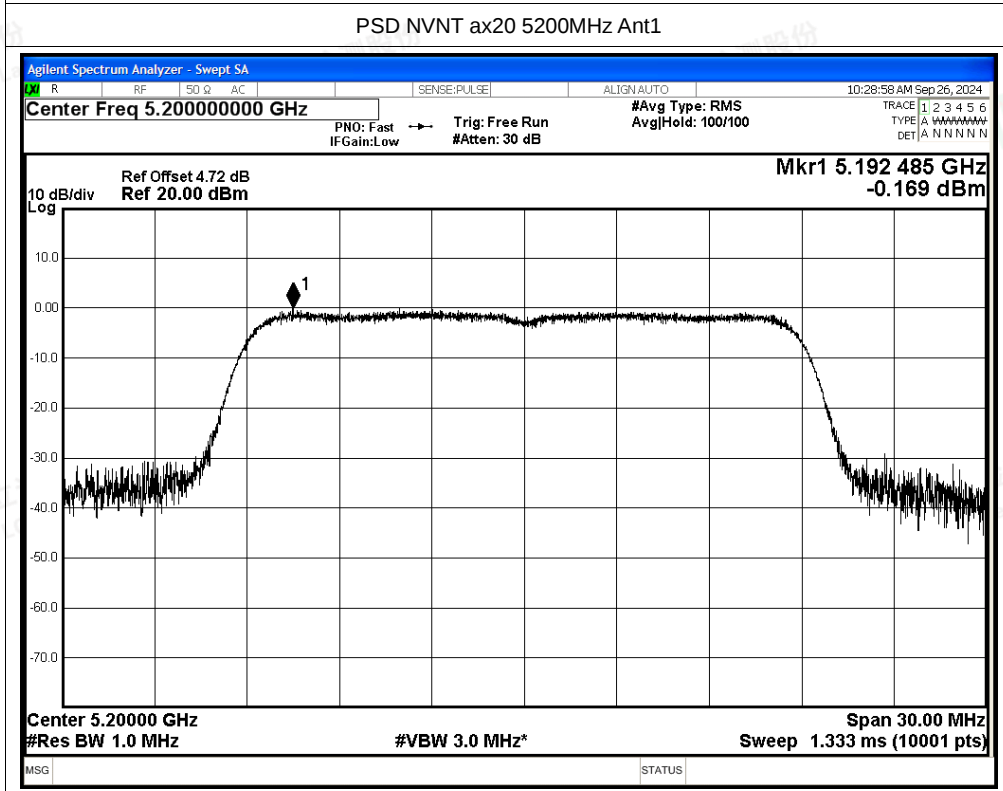
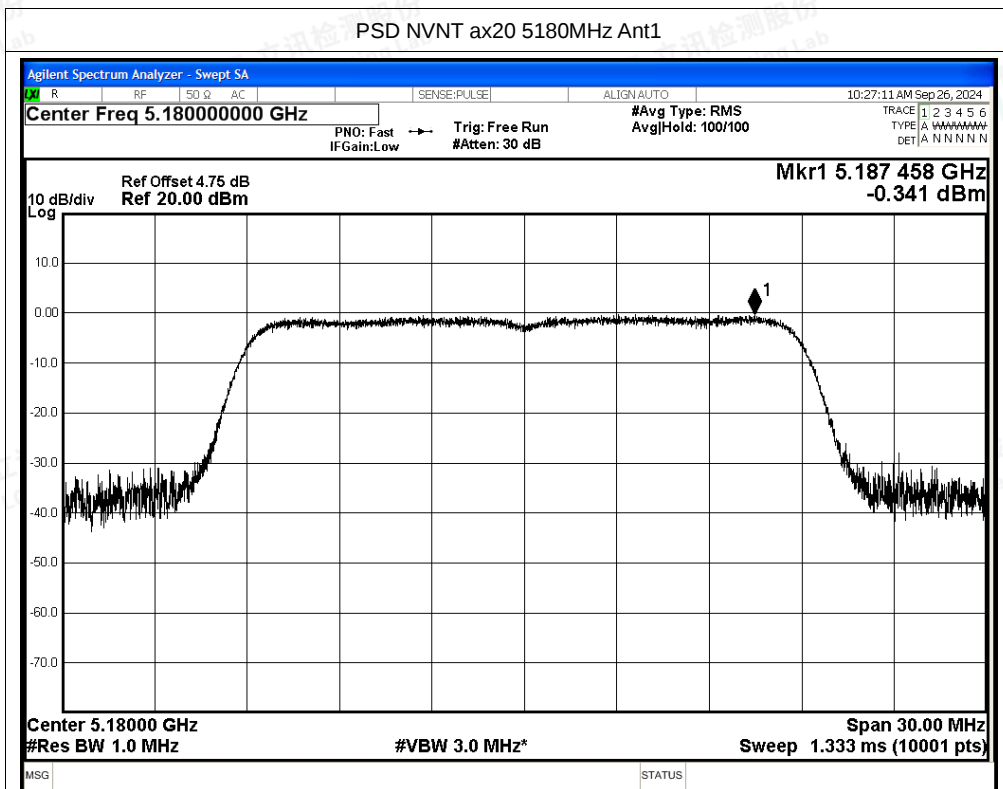
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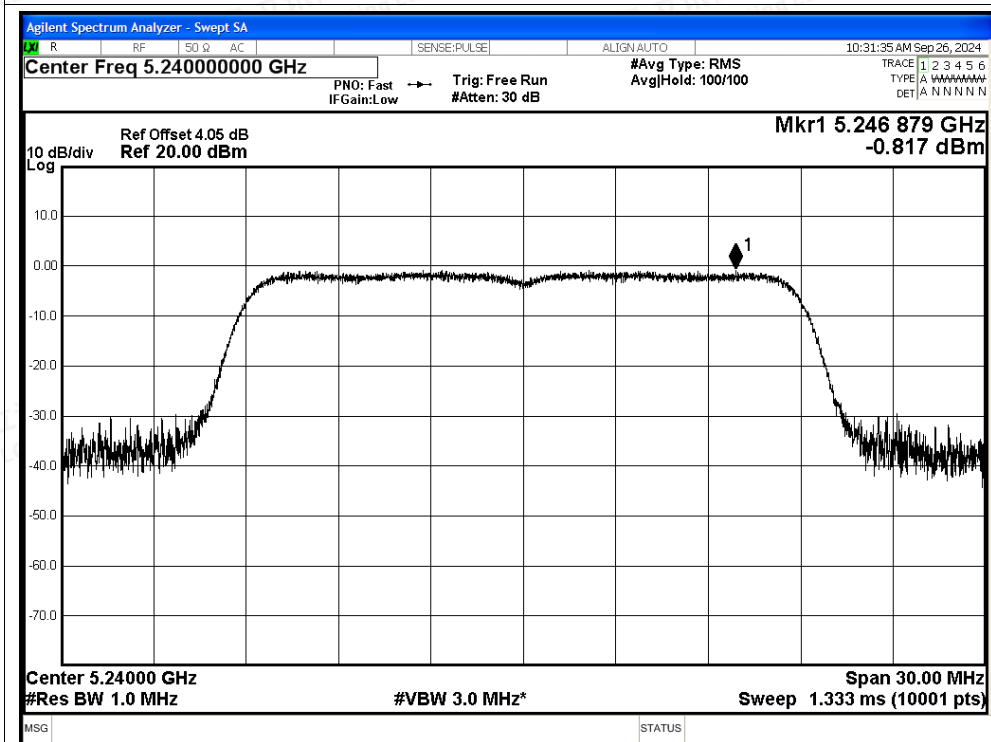
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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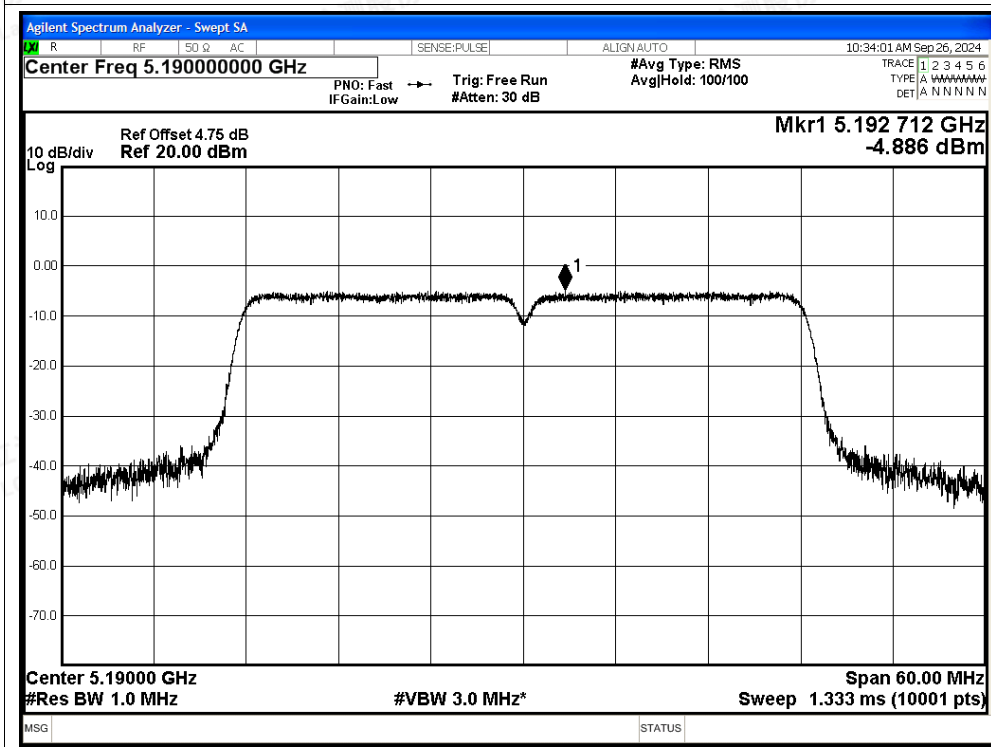
Scan code to check authenticity



PSD NVNT ax20 5240MHz Ant1

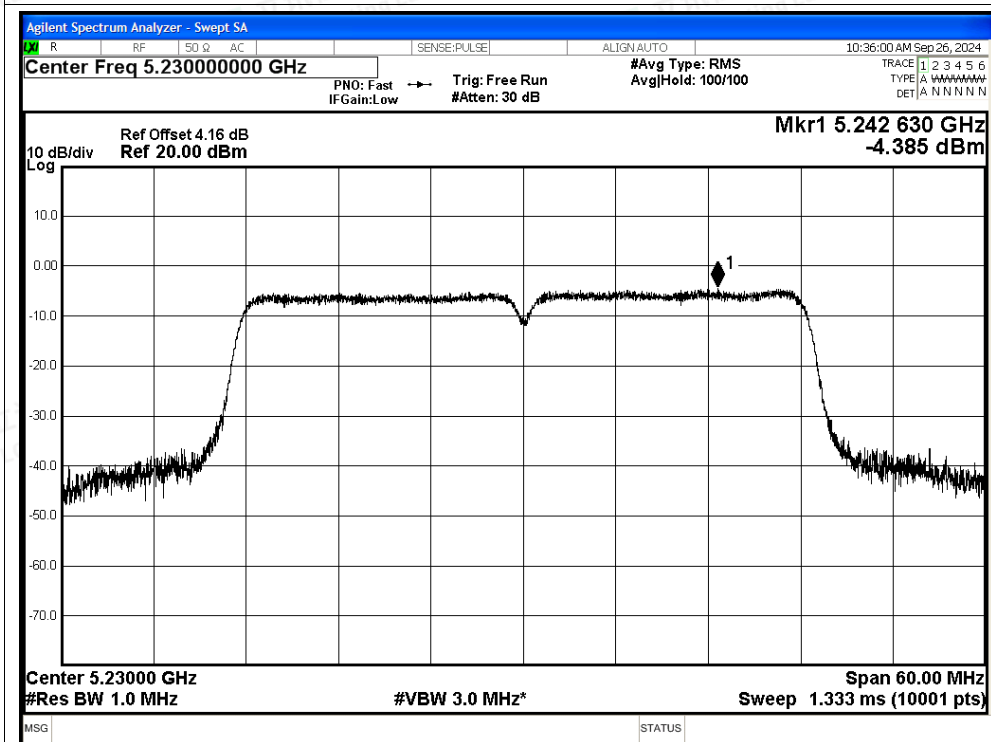


PSD NVNT ax40 5190MHz Ant1

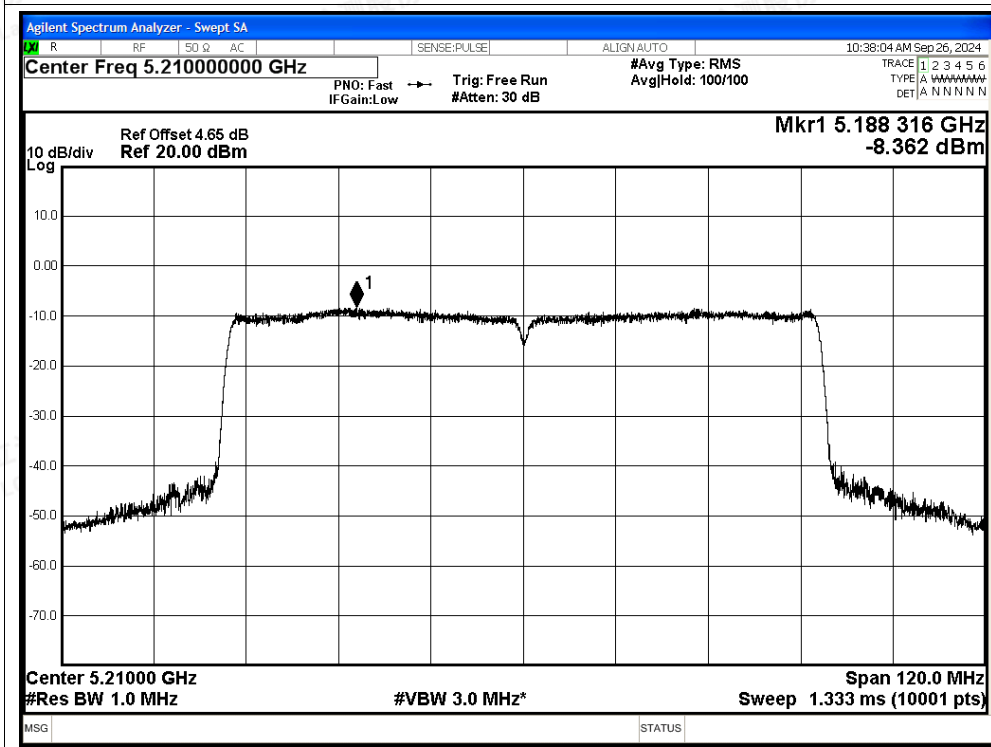




PSD NVNT ax40 5230MHz Ant1



PSD NVNT ax80 5210MHz Ant1





D.4 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5180	Ant0	4500	-48.83	6.3	-	52.70	Peak	68.2	Pass
NVNT	a	5180	Ant0	4500	-57.79	6.3	0.24	43.98	Average	54	Pass
NVNT	a	5180	Ant0	5148.9	-41.62	6.3	-	59.91	Peak	68.2	Pass
NVNT	a	5180	Ant0	5149.6	-52.72	6.3	0.24	49.05	Average	54	Pass
NVNT	a	5180	Ant0	5150	-43.33	6.3	-	58.20	Peak	68.2	Pass
NVNT	a	5180	Ant0	5150	-52.67	6.3	0.24	49.10	Average	54	Pass
NVNT	a	5240	Ant0	5350	-48.74	6.3	-	52.79	Peak	68.2	Pass
NVNT	a	5240	Ant0	5350	-56.38	6.3	0.24	45.39	Average	54	Pass
NVNT	a	5240	Ant0	5361.6	-46.22	6.3	-	55.31	Peak	68.2	Pass
NVNT	a	5240	Ant0	5350.8	-56.12	6.3	0.24	45.65	Average	54	Pass
NVNT	a	5240	Ant0	5460	-50.61	6.3	-	50.92	Peak	68.2	Pass
NVNT	a	5240	Ant0	5460	-56.86	6.3	0.24	44.91	Average	54	Pass
NVNT	n20	5180	Ant0	4500	-48.89	6.3	-	52.64	Peak	68.2	Pass
NVNT	n20	5180	Ant0	4500	-57.6	6.3	0.12	44.05	Average	54	Pass
NVNT	n20	5180	Ant0	5148.9	-40.86	6.3	-	60.67	Peak	68.2	Pass
NVNT	n20	5180	Ant0	5149.6	-52.4	6.3	0.12	49.25	Average	54	Pass
NVNT	n20	5180	Ant0	5150	-39.09	6.3	-	62.44	Peak	68.2	Pass
NVNT	n20	5180	Ant0	5150	-53.76	6.3	0.12	47.89	Average	54	Pass
NVNT	n20	5240	Ant0	5350	-47.57	6.3	-	53.96	Peak	68.2	Pass
NVNT	n20	5240	Ant0	5350	-55.96	6.3	0.12	45.69	Average	54	Pass
NVNT	n20	5240	Ant0	5351.04	-45.48	6.3	-	56.05	Peak	68.2	Pass
NVNT	n20	5240	Ant0	5366.16	-55.6	6.3	0.12	46.05	Average	54	Pass
NVNT	n20	5240	Ant0	5460	-49.87	6.3	-	51.66	Peak	68.2	Pass
NVNT	n20	5240	Ant0	5460	-57.17	6.3	0.12	44.48	Average	54	Pass
NVNT	n40	5190	Ant0	4500	-48.65	6.3	-	52.88	Peak	68.2	Pass
NVNT	n40	5190	Ant0	4500	-57.17	6.3	0.12	44.48	Average	54	Pass
NVNT	n40	5190	Ant0	5147.51	-41.42	6.3	-	60.11	Peak	68.2	Pass
NVNT	n40	5190	Ant0	5149.7	-53.62	6.3	0.12	48.03	Average	54	Pass
NVNT	n40	5190	Ant0	5150	-41.77	6.3	-	59.76	Peak	68.2	Pass
NVNT	n40	5190	Ant0	5150	-53.98	6.3	0.12	47.67	Average	54	Pass
NVNT	n40	5230	Ant0	5350	-47.57	6.3	-	53.96	Peak	68.2	Pass
NVNT	n40	5230	Ant0	5350	-56.56	6.3	0.12	45.09	Average	54	Pass
NVNT	n40	5230	Ant0	5379.54	-46.22	6.3	-	55.31	Peak	68.2	Pass
NVNT	n40	5230	Ant0	5359.29	-56.1	6.3	0.12	45.55	Average	54	Pass
NVNT	n40	5230	Ant0	5460	-48.79	6.3	-	52.74	Peak	68.2	Pass



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NVNT	n40	5230	Ant0	5460	-57.01	6.3	0.12	44.64	Average	54	Pass
NVNT	ac20	5180	Ant0	4500	-48.91	6.3	-	52.62	Peak	68.2	Pass
NVNT	ac20	5180	Ant0	4500	-57.49	6.3	0.12	44.16	Average	54	Pass
NVNT	ac20	5180	Ant0	5148.9	-42.46	6.3	-	59.07	Peak	68.2	Pass
NVNT	ac20	5180	Ant0	5149.6	-53.65	6.3	0.12	48.00	Average	54	Pass
NVNT	ac20	5180	Ant0	5150	-44.35	6.3	-	57.18	Peak	68.2	Pass
NVNT	ac20	5180	Ant0	5150	-53.41	6.3	0.12	48.24	Average	54	Pass
NVNT	ac20	5240	Ant0	5350	-49.72	6.3	-	51.81	Peak	68.2	Pass
NVNT	ac20	5240	Ant0	5350	-56.15	6.3	0.12	45.50	Average	54	Pass
NVNT	ac20	5240	Ant0	5392.08	-46.19	6.3	-	55.34	Peak	68.2	Pass
NVNT	ac20	5240	Ant0	5371.68	-55.78	6.3	0.12	45.87	Average	54	Pass
NVNT	ac20	5240	Ant0	5460	-49.23	6.3	-	52.30	Peak	68.2	Pass
NVNT	ac20	5240	Ant0	5460	-56.5	6.3	0.12	45.15	Average	54	Pass
NVNT	ac40	5190	Ant0	4500	-49.7	6.3	-	51.83	Peak	68.2	Pass
NVNT	ac40	5190	Ant0	4500	-57.57	6.3	0.12	44.08	Average	54	Pass
NVNT	ac40	5190	Ant0	5148.97	-41.38	6.3	-	60.15	Peak	68.2	Pass
NVNT	ac40	5190	Ant0	5147.51	-53.96	6.3	0.12	47.69	Average	54	Pass
NVNT	ac40	5190	Ant0	5150	-42.52	6.3	-	59.01	Peak	68.2	Pass
NVNT	ac40	5190	Ant0	5150	-54.15	6.3	0.12	47.50	Average	54	Pass
NVNT	ac40	5230	Ant0	5350	-48.42	6.3	-	53.11	Peak	68.2	Pass
NVNT	ac40	5230	Ant0	5350	-56.89	6.3	0.12	44.76	Average	54	Pass
NVNT	ac40	5230	Ant0	5351.19	-45.38	6.3	-	56.15	Peak	68.2	Pass
NVNT	ac40	5230	Ant0	5387.37	-56.08	6.3	0.12	45.57	Average	54	Pass
NVNT	ac40	5230	Ant0	5460	-50.22	6.3	-	51.31	Peak	68.2	Pass
NVNT	ac40	5230	Ant0	5460	-56.74	6.3	0.12	44.91	Average	54	Pass
NVNT	ac80	5210	Ant0	5350	-47.94	6.3	-	53.59	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5350	-56.49	6.3	0.25	45.29	Average	54	Pass
NVNT	ac80	5210	Ant0	5355.39	-45.9	6.3	-	55.63	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5351.43	-55.4	6.3	0.25	46.38	Average	54	Pass
NVNT	ac80	5210	Ant0	5460	-48.54	6.3	-	52.99	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5460	-56.46	6.3	0.25	45.32	Average	54	Pass
NVNT	ac80	5210	Ant0	4500	-49.2	6.3	-	52.33	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	4500	-57.51	6.3	0.25	44.27	Average	54	Pass
NVNT	ac80	5210	Ant0	5147.8	-40.59	6.3	-	60.94	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5149.38	-53.97	6.3	0.25	47.81	Average	54	Pass
NVNT	ac80	5210	Ant0	5150	-39.84	6.3	-	61.69	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5150	-53.68	6.3	0.25	48.10	Average	54	Pass
NVNT	ax20	5180	Ant0	4500	-49.04	6.3	-	52.49	Peak	68.2	Pass
NVNT	ax20	5180	Ant0	4500	-57.03	6.3	0.12	44.62	Average	54	Pass
NVNT	ax20	5180	Ant0	5148.9	-43.74	6.3	-	57.79	Peak	68.2	Pass
NVNT	ax20	5180	Ant0	5149.6	-53.97	6.3	0.12	47.68	Average	54	Pass



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NVNT	ax20	5180	Ant0	5150	-44.62	6.3	-	56.91	Peak	68.2	Pass
NVNT	ax20	5180	Ant0	5150	-54.11	6.3	0.12	47.54	Average	54	Pass
NVNT	ax20	5240	Ant0	5350	-48.4	6.3	-	53.13	Peak	68.2	Pass
NVNT	ax20	5240	Ant0	5350	-57.7	6.3	0.12	43.95	Average	54	Pass
NVNT	ax20	5240	Ant0	5436.48	-46.32	6.3	-	55.21	Peak	68.2	Pass
NVNT	ax20	5240	Ant0	5451.84	-56.22	6.3	0.12	45.43	Average	54	Pass
NVNT	ax20	5240	Ant0	5460	-50.71	6.3	-	50.82	Peak	68.2	Pass
NVNT	ax20	5240	Ant0	5460	-56.52	6.3	0.12	45.13	Average	54	Pass
NVNT	ax40	5190	Ant0	4500	-48.8	6.3	-	52.73	Peak	68.2	Pass
NVNT	ax40	5190	Ant0	4500	-56.94	6.3	0.12	44.71	Average	54	Pass
NVNT	ax40	5190	Ant0	5148.24	-40.65	6.3	-	60.88	Peak	68.2	Pass
NVNT	ax40	5190	Ant0	5149.7	-53.39	6.3	0.12	48.26	Average	54	Pass
NVNT	ax40	5190	Ant0	5150	-44.11	6.3	-	57.42	Peak	68.2	Pass
NVNT	ax40	5190	Ant0	5150	-53.79	6.3	0.12	47.86	Average	54	Pass
NVNT	ax40	5230	Ant0	5350	-49.66	6.3	-	51.87	Peak	68.2	Pass
NVNT	ax40	5230	Ant0	5350	-57.03	6.3	0.12	44.62	Average	54	Pass
NVNT	ax40	5230	Ant0	5396.55	-45.68	6.3	-	55.85	Peak	68.2	Pass
NVNT	ax40	5230	Ant0	5406.81	-56.15	6.3	0.12	45.50	Average	54	Pass
NVNT	ax40	5230	Ant0	5460	-48.42	6.3	-	53.11	Peak	68.2	Pass
NVNT	ax40	5230	Ant0	5460	-56.71	6.3	0.12	44.94	Average	54	Pass
NVNT	ax80	5210	Ant0	5350	-47.23	6.3	-	54.30	Peak	68.2	Pass
NVNT	ax80	5210	Ant0	5350	-56.33	6.3	0.25	45.45	Average	54	Pass
NVNT	ax80	5210	Ant0	5431.95	-45.35	6.3	-	56.18	Peak	68.2	Pass
NVNT	ax80	5210	Ant0	5407.86	-55.4	6.3	0.25	46.38	Average	54	Pass
NVNT	ax80	5210	Ant0	5460	-50.2	6.3	-	51.33	Peak	68.2	Pass
NVNT	ax80	5210	Ant0	5460	-55.94	6.3	0.25	45.84	Average	54	Pass
NVNT	ax80	5210	Ant0	4500	-49.97	6.3	-	51.56	Peak	68.2	Pass
NVNT	ax80	5210	Ant0	4500	-56.76	6.3	0.25	45.02	Average	54	Pass
NVNT	ax80	5210	Ant0	5148.59	-41.87	6.3	-	59.66	Peak	68.2	Pass
NVNT	ax80	5210	Ant0	5146.22	-52.21	6.3	0.25	49.57	Average	54	Pass
NVNT	ax80	5210	Ant0	5150	-41.5	6.3	-	60.03	Peak	68.2	Pass
NVNT	ax80	5210	Ant0	5150	-52.62	6.3	0.25	49.16	Average	54	Pass



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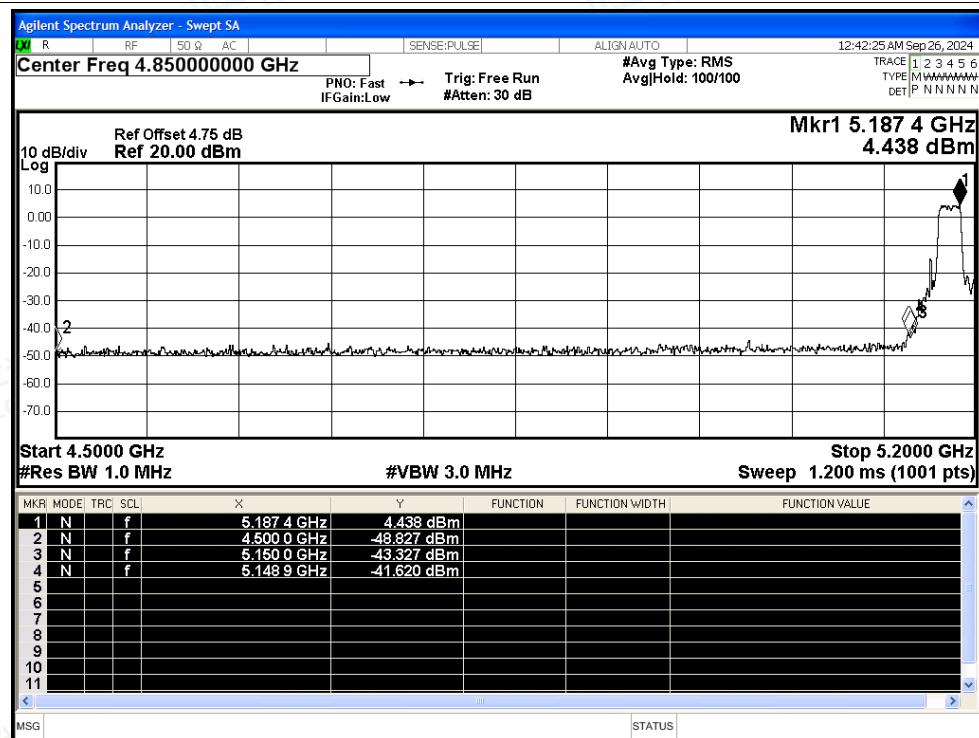
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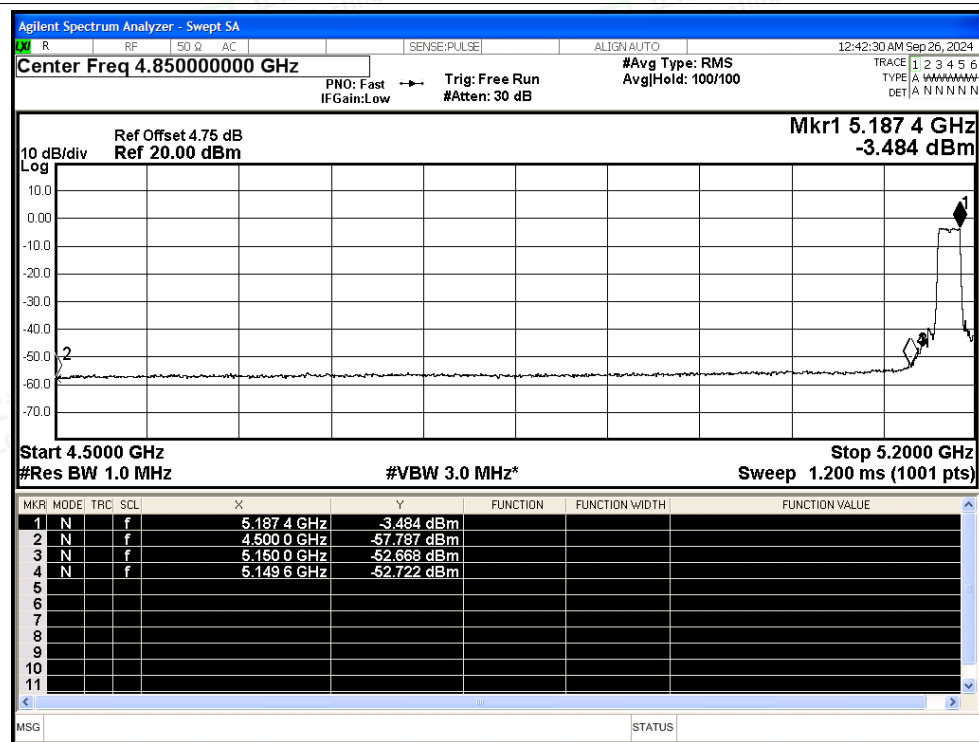


Test Graphs

Restrict Band NVNT a 5180MHz Ant0 Peak



Restrict Band NVNT a 5180MHz Ant0 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

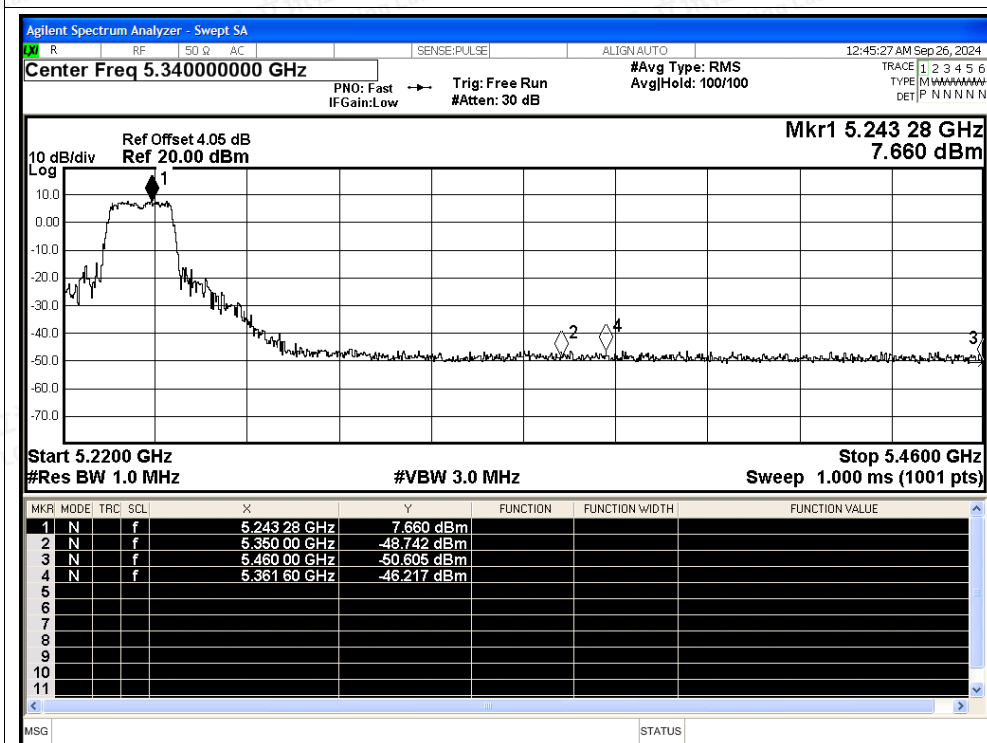
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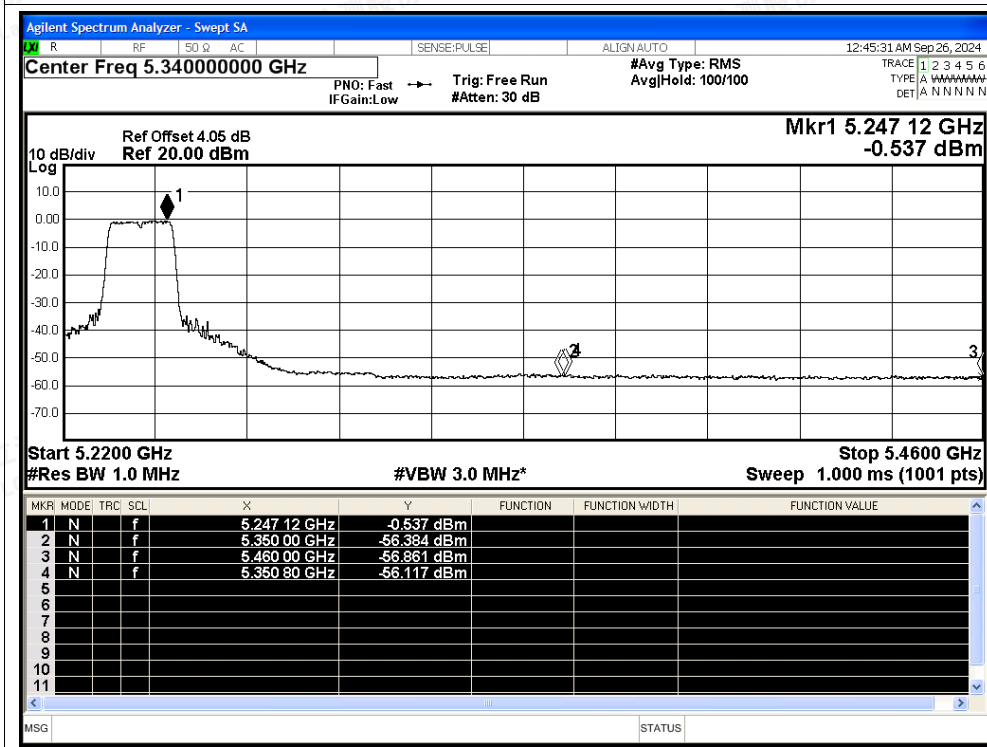
Scan code to check authenticity



Restrict Band NVNT a 5240MHz Ant0 Peak

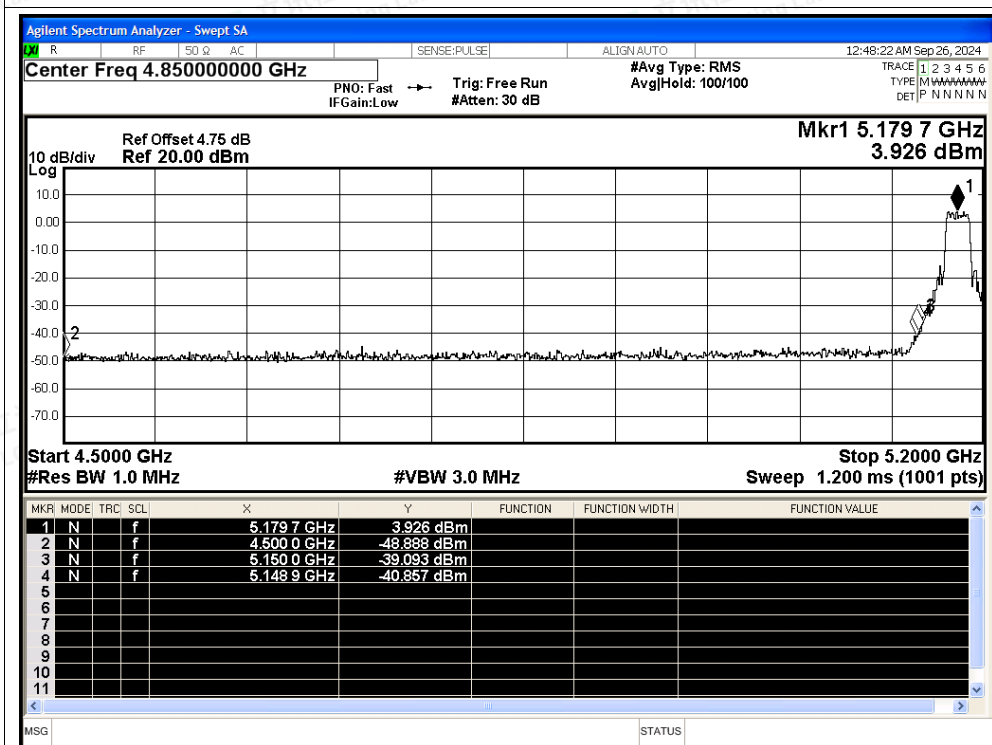


Restrict Band NVNT a 5240MHz Ant0 Average

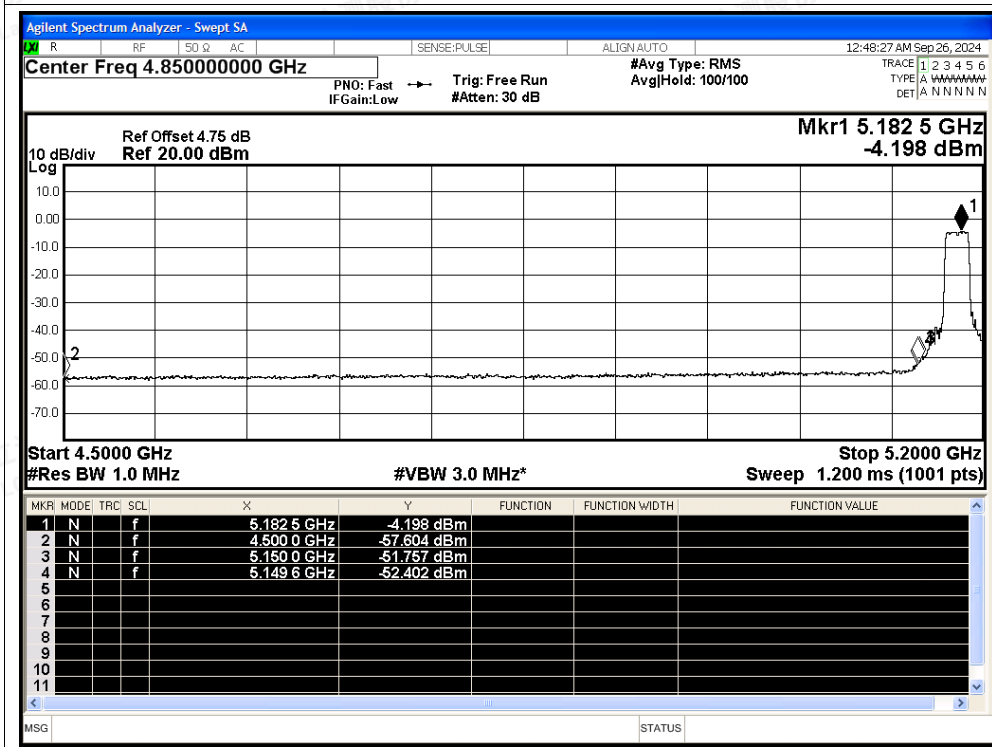




Restrict Band NVNT n20 5180MHz Ant0 Peak



Restrict Band NVNT n20 5180MHz Ant0 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

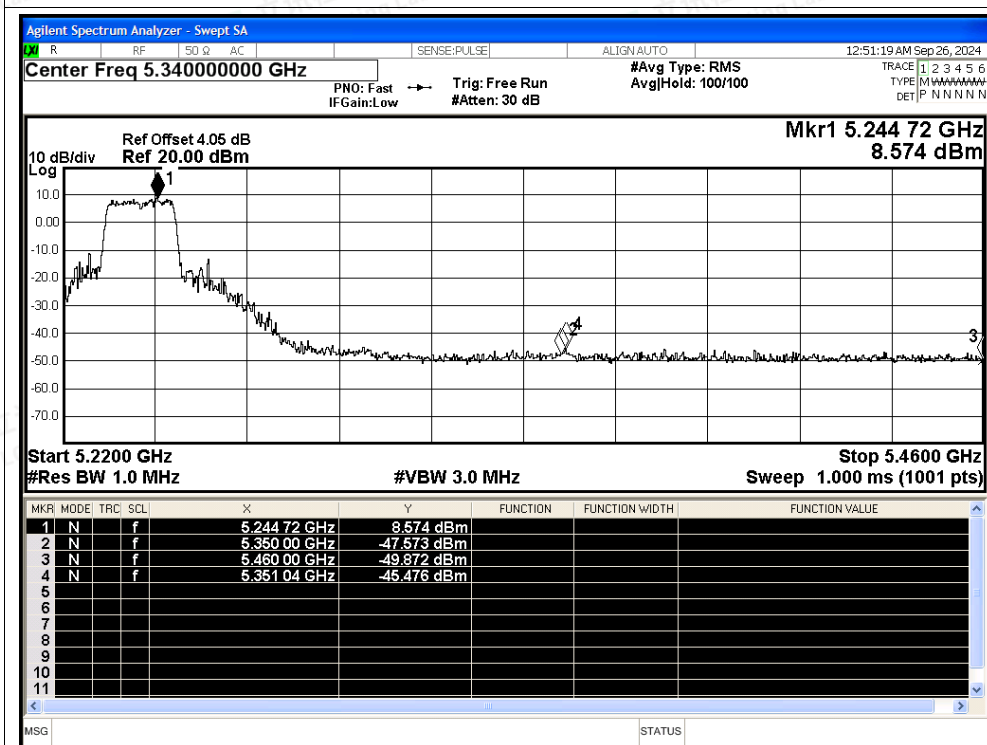
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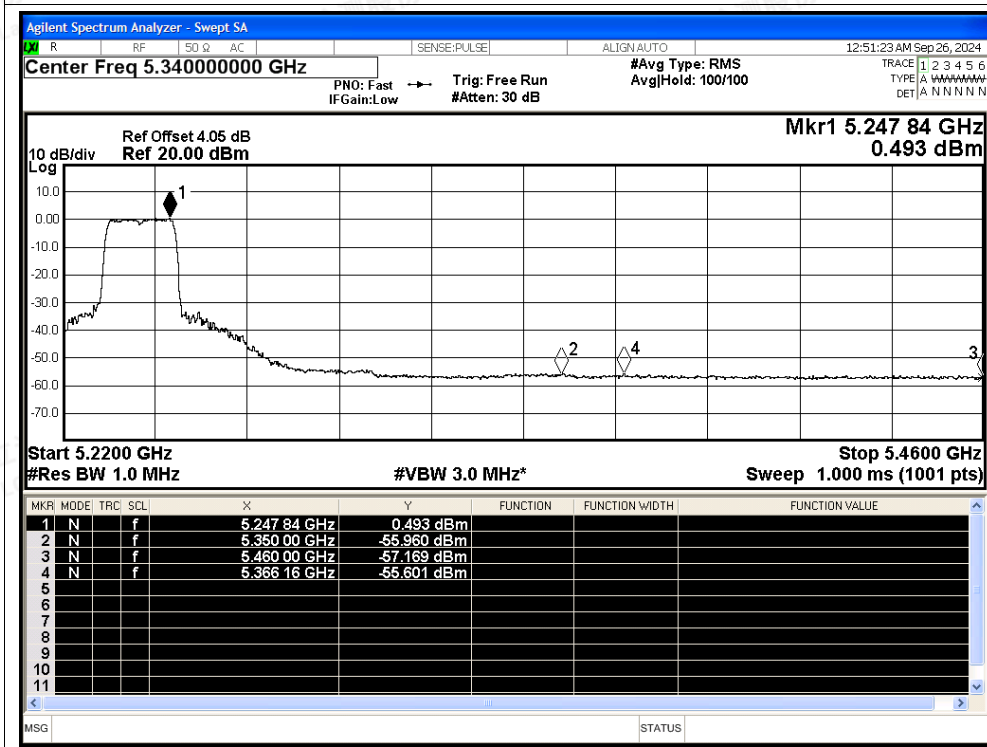
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Restrict Band NVNT n20 5240MHz Ant0 Peak



Restrict Band NVNT n20 5240MHz Ant0 Average



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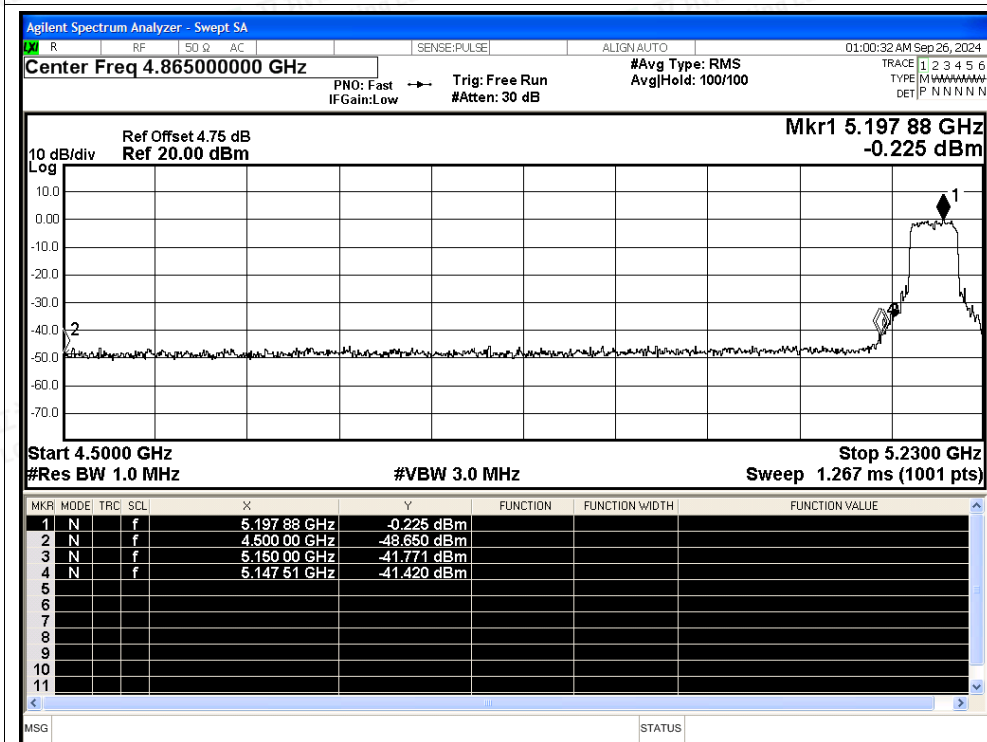
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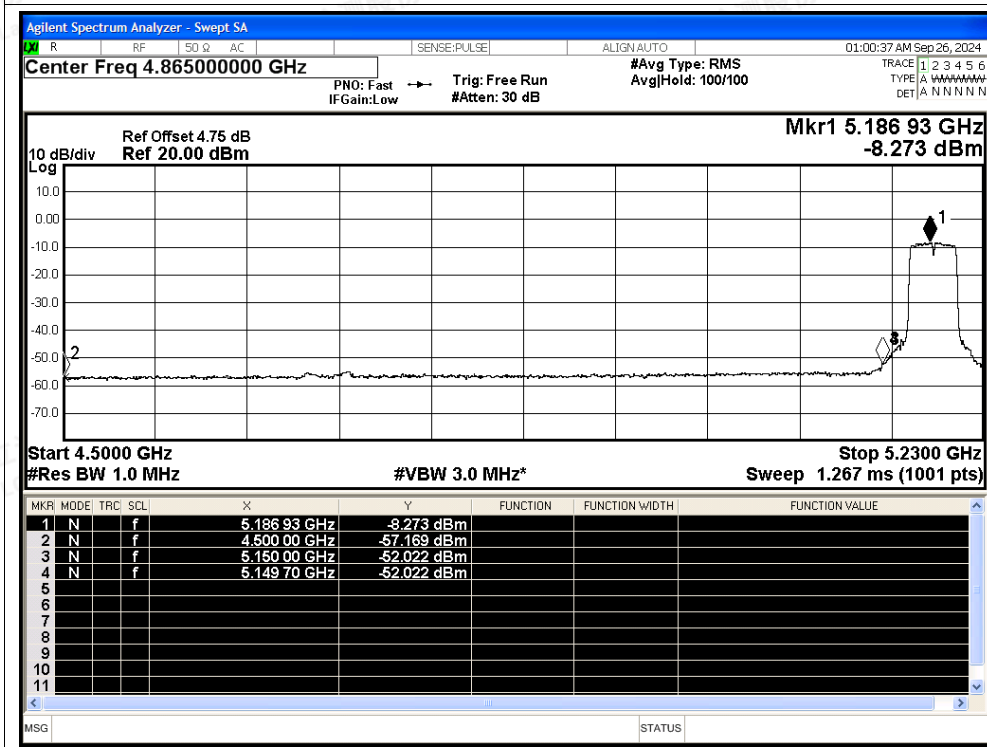
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Restrict Band NVNT n40 5190MHz Ant0 Peak



Restrict Band NVNT n40 5190MHz Ant0 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

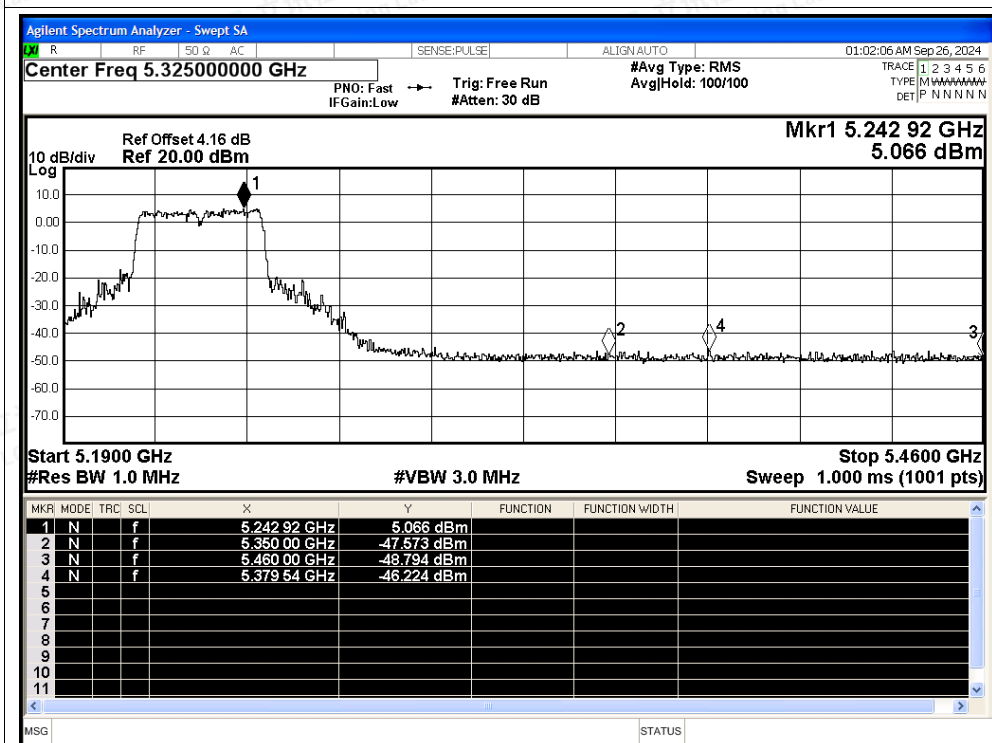
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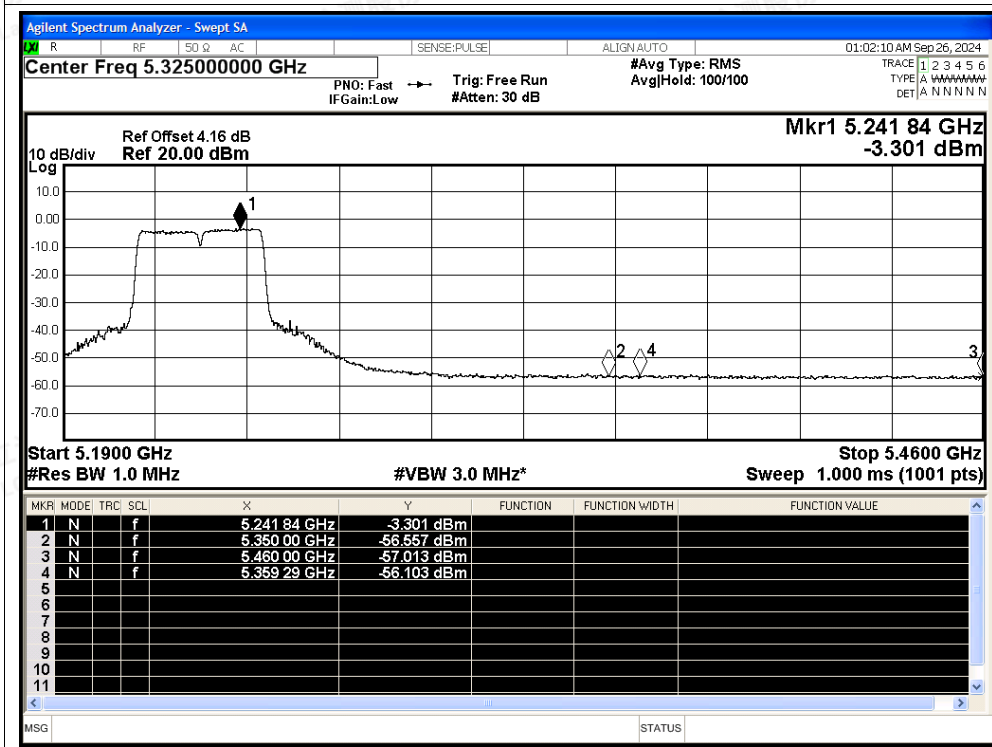
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Restrict Band NVNT n40 5230MHz Ant0 Peak



Restrict Band NVNT n40 5230MHz Ant0 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

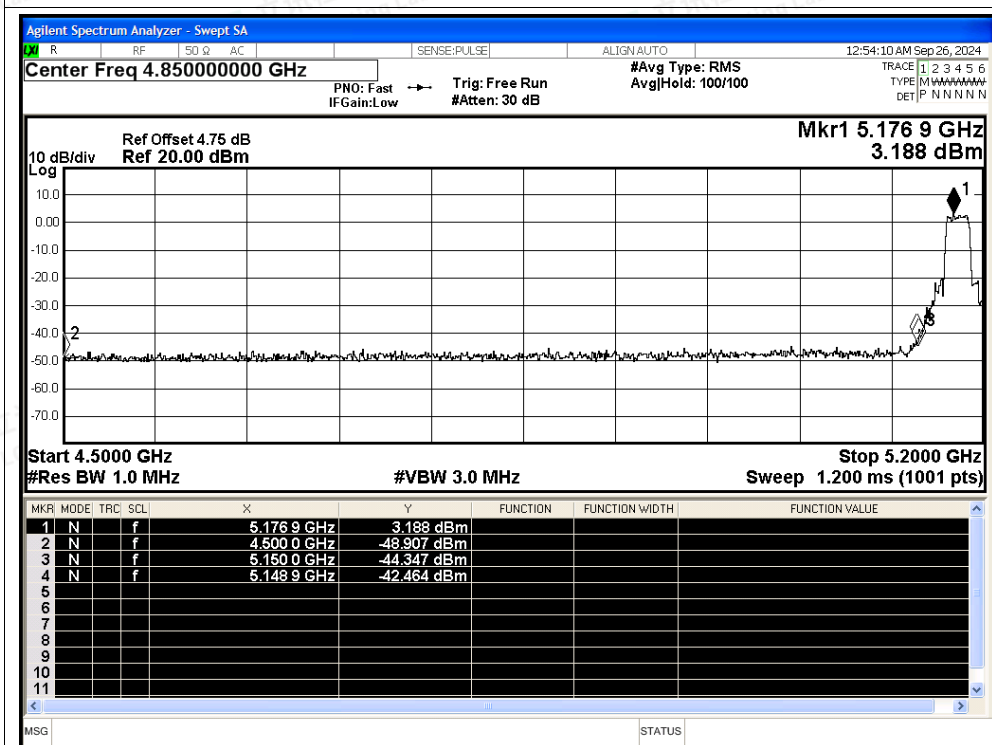
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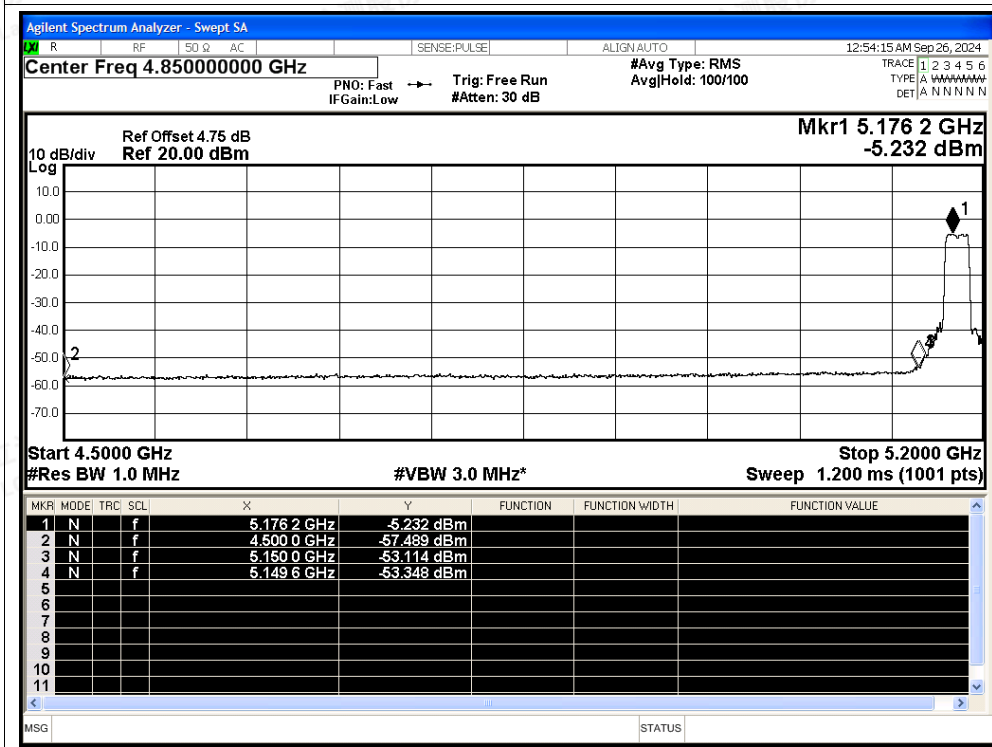
Scan code to check authenticity



Restrict Band NVNT ac20 5180MHz Ant0 Peak



Restrict Band NVNT ac20 5180MHz Ant0 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

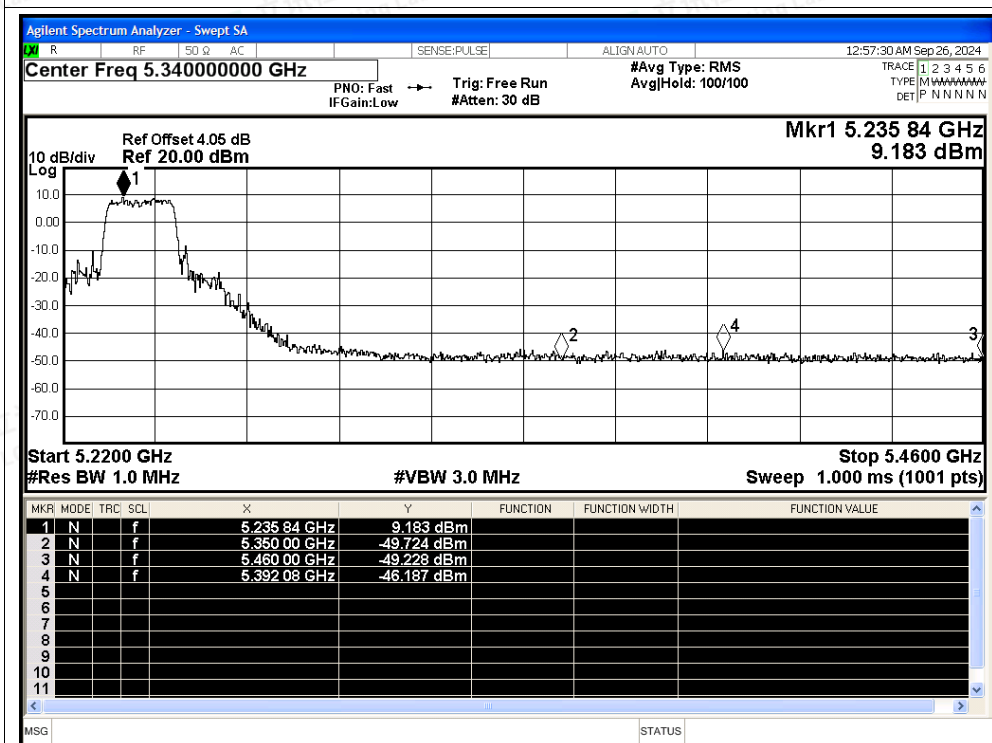
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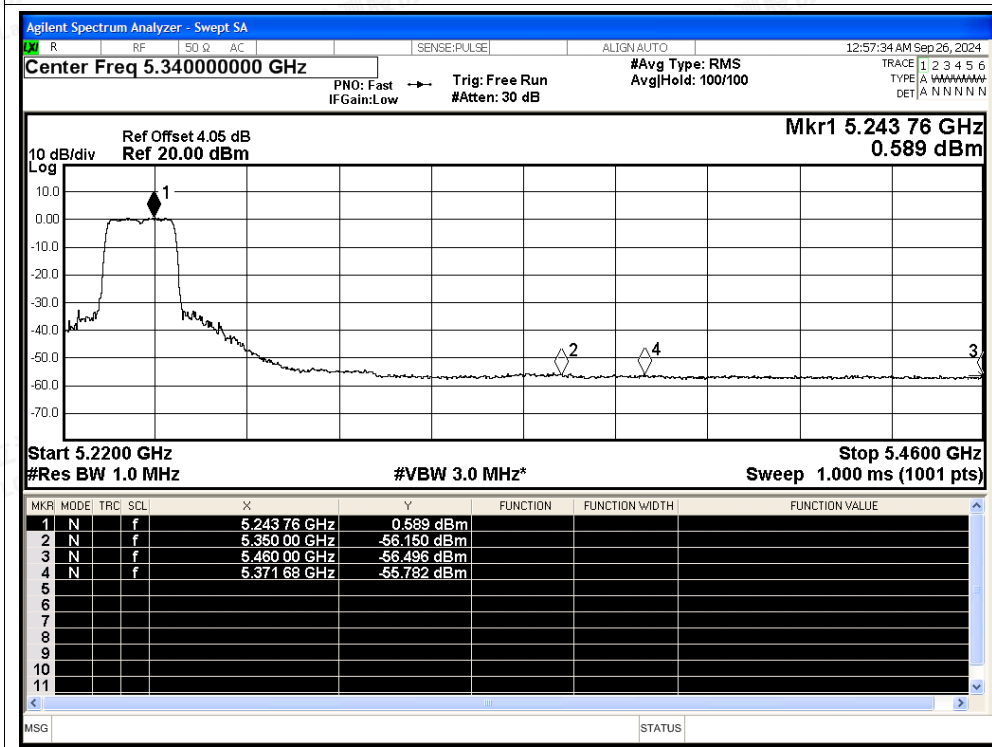
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Restrict Band NVNT ac20 5240MHz Ant0 Peak



Restrict Band NVNT ac20 5240MHz Ant0 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

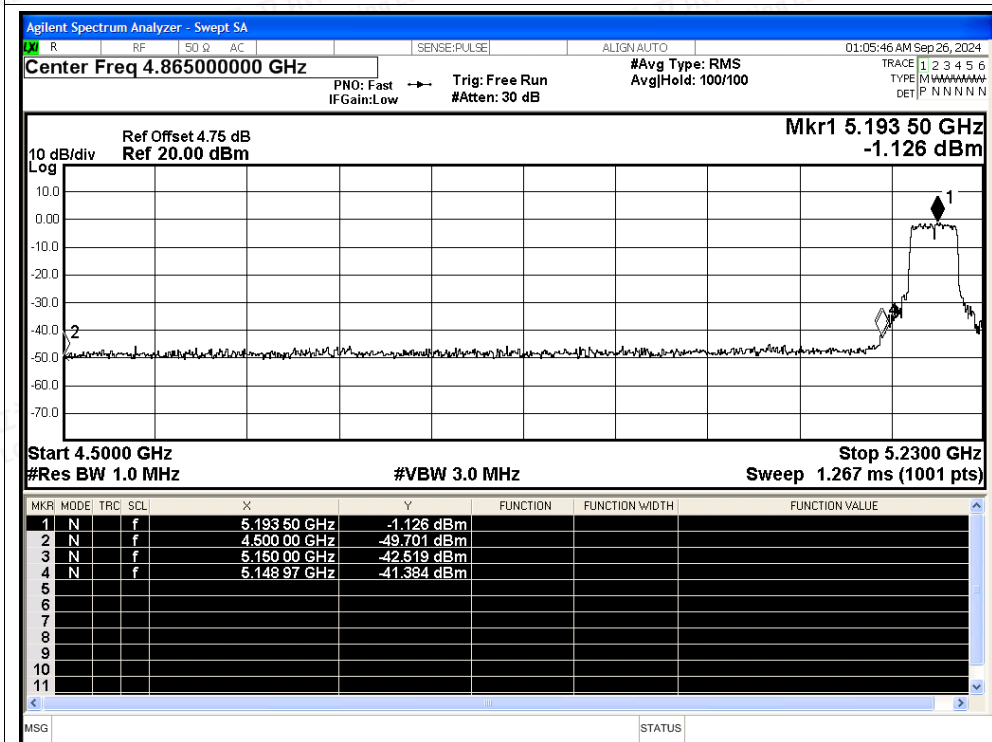
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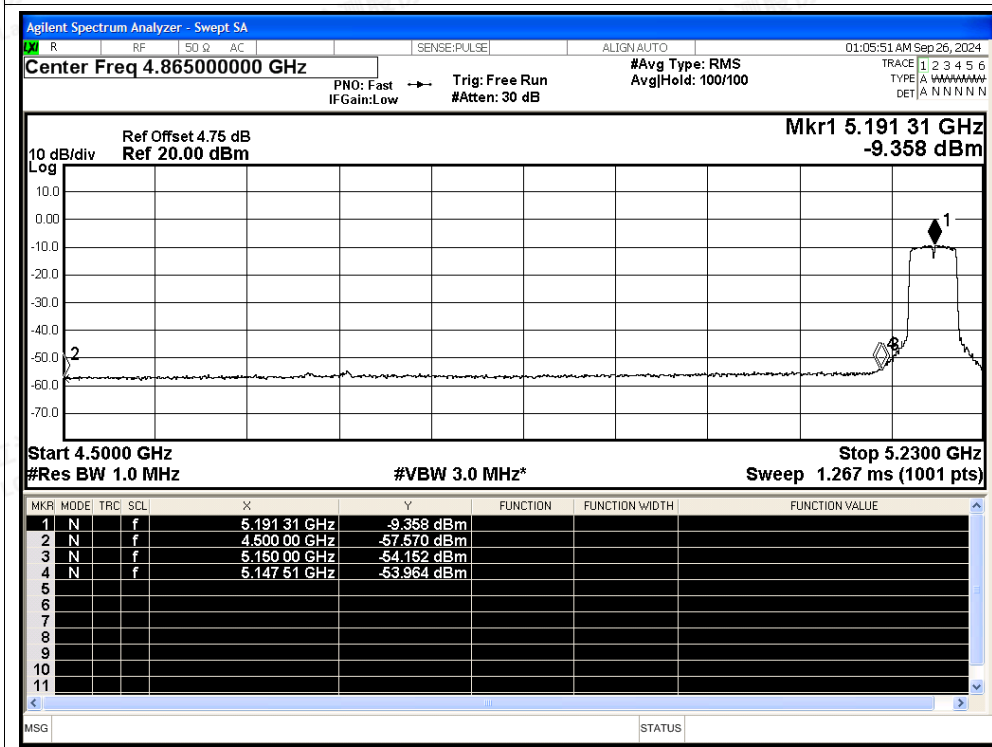
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Restrict Band NVNT ac40 5190MHz Ant0 Peak



Restrict Band NVNT ac40 5190MHz Ant0 Average



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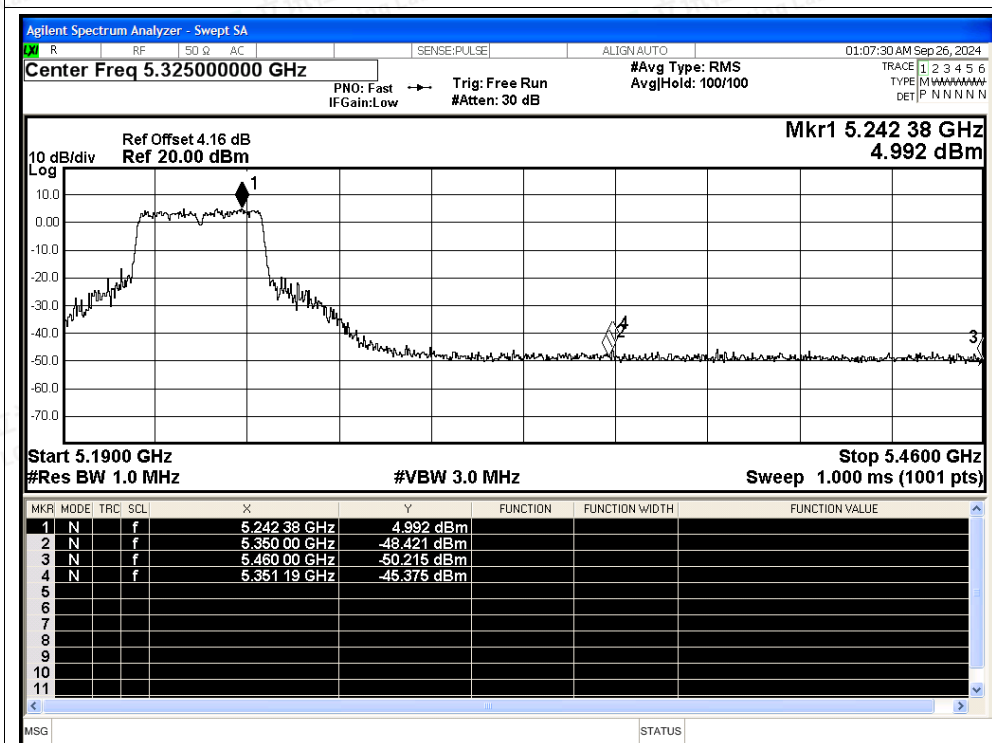
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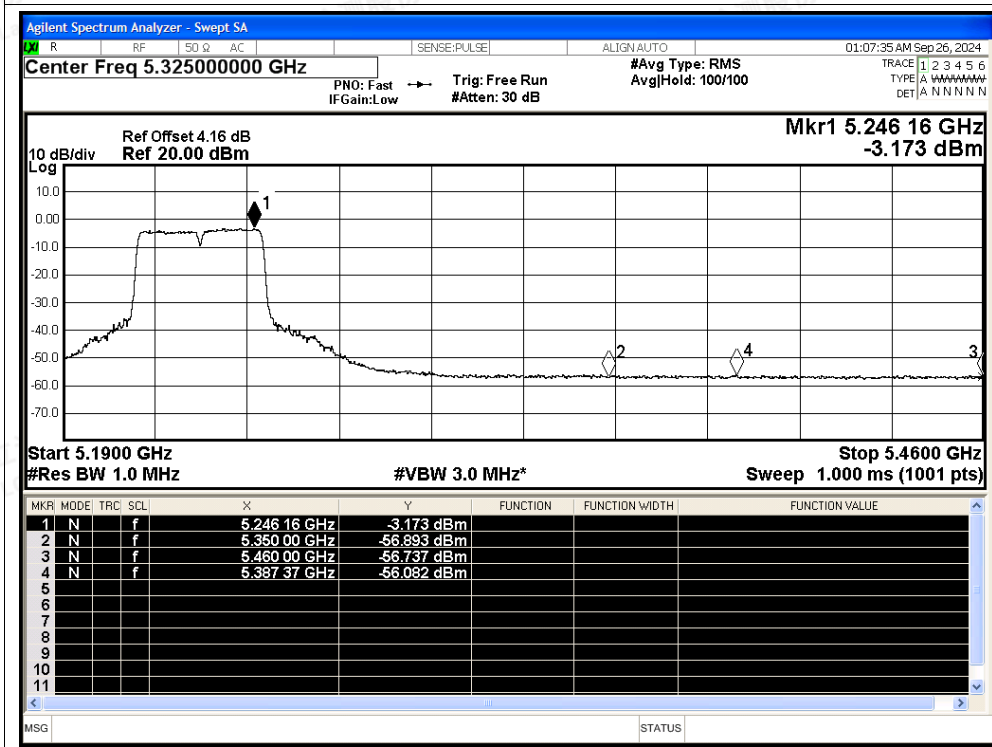
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Restrict Band NVNT ac40 5230MHz Ant0 Peak



Restrict Band NVNT ac40 5230MHz Ant0 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

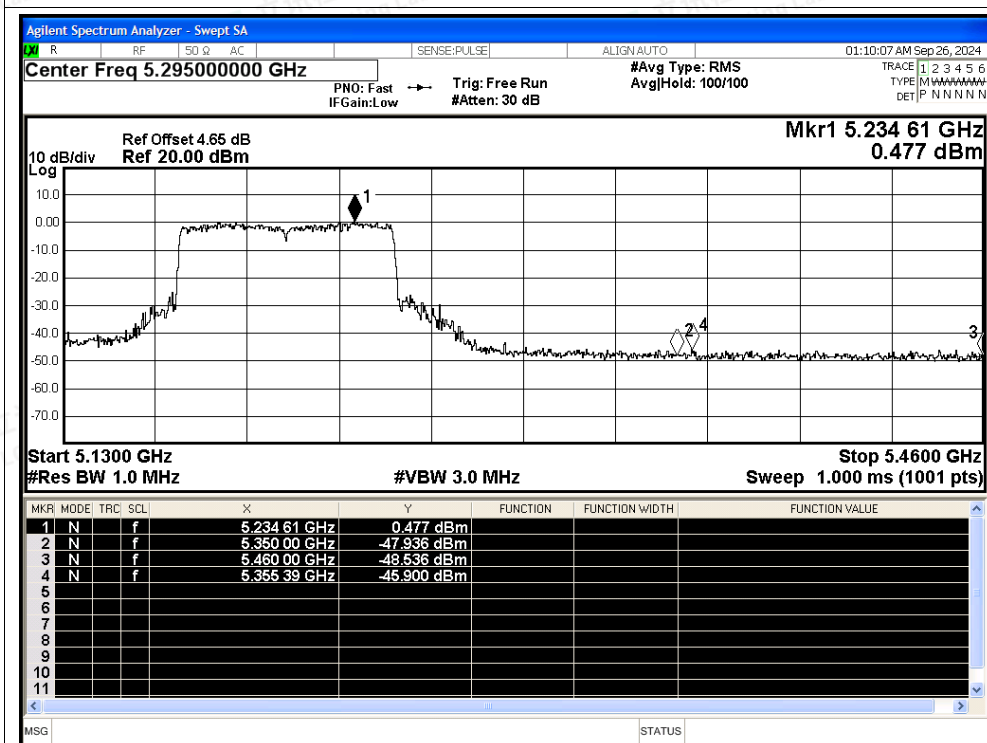
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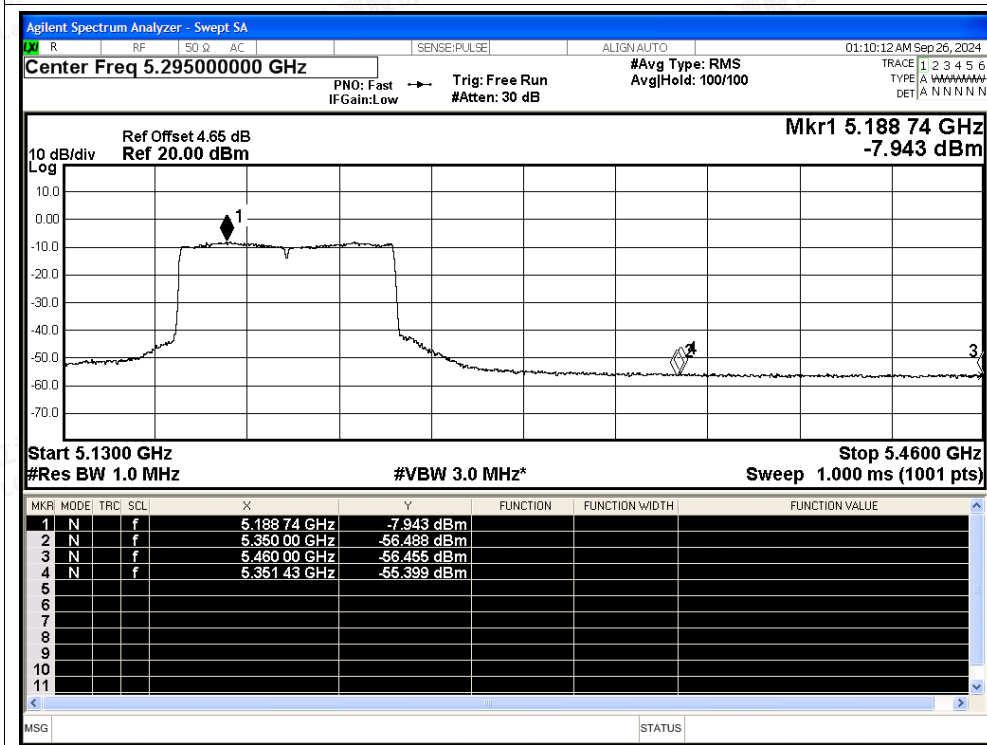
Scan code to check authenticity



Restrict Band NVNT ac80 5210MHz Ant0 Peak



Restrict Band NVNT ac80 5210MHz Ant0 Average



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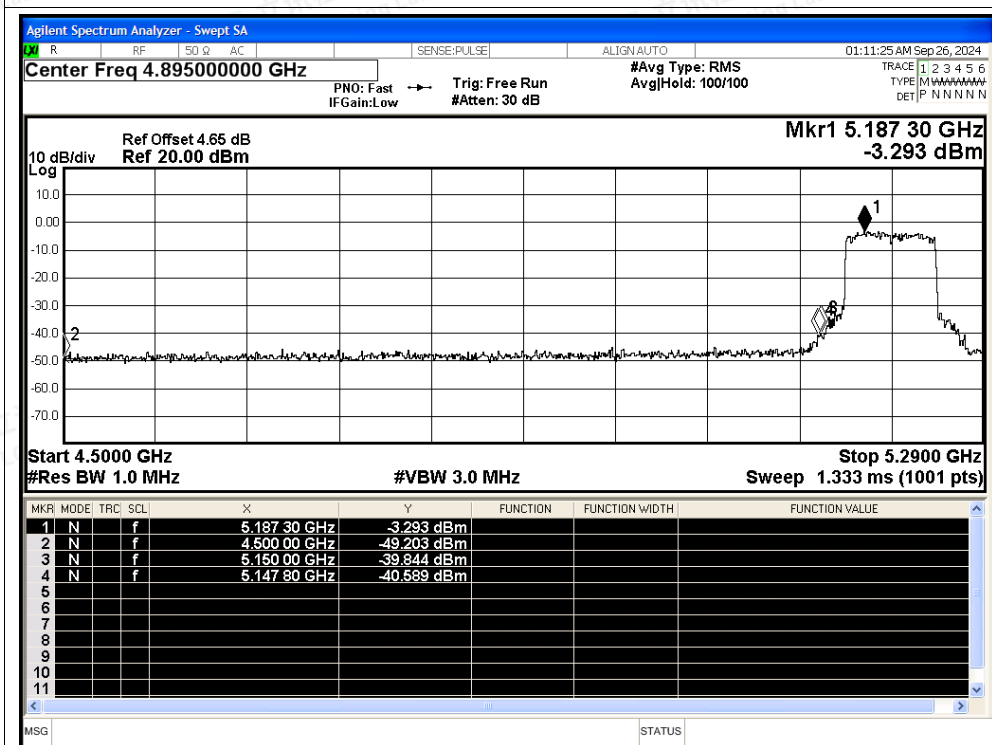
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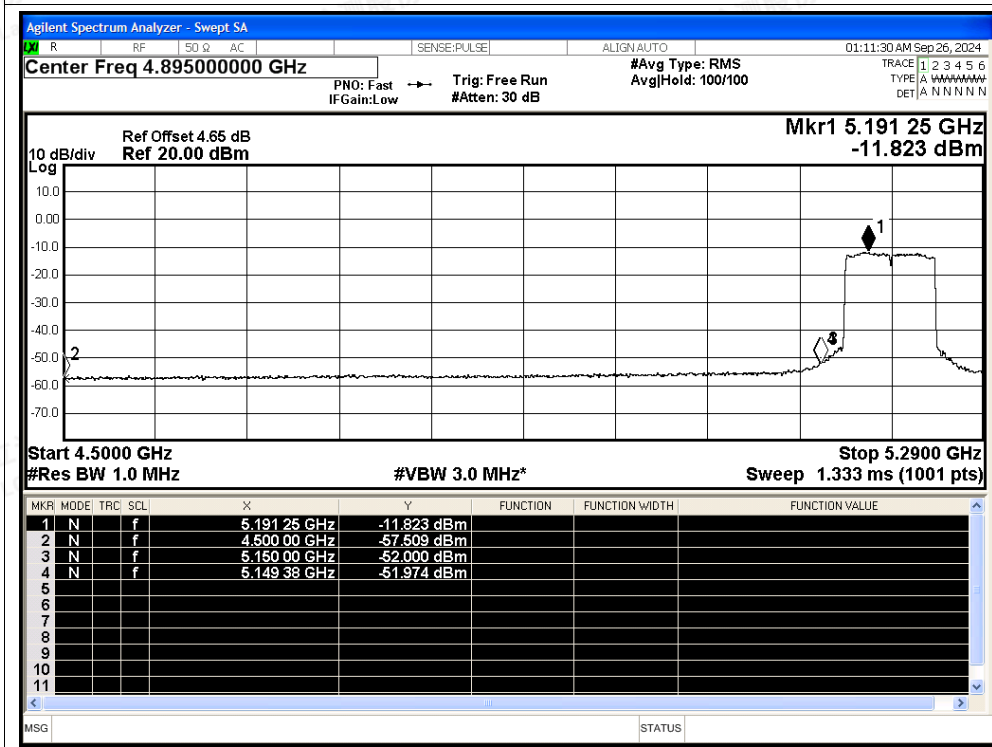
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Restrict Band NVNT ac80 5210MHz Ant0 Peak



Restrict Band NVNT ac80 5210MHz Ant0 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

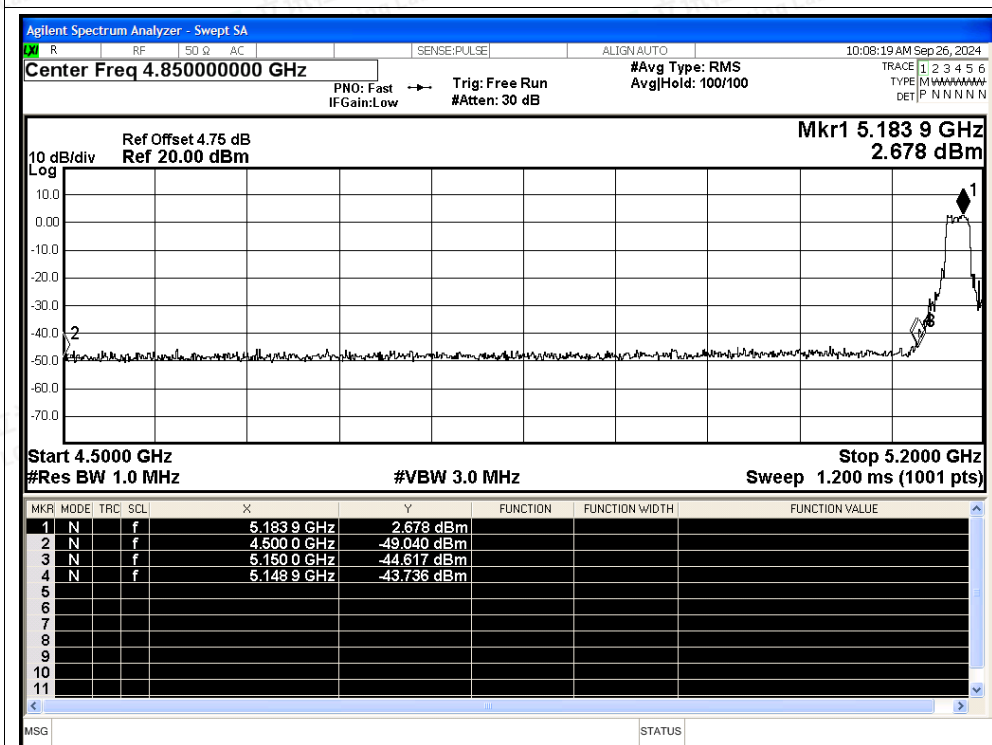
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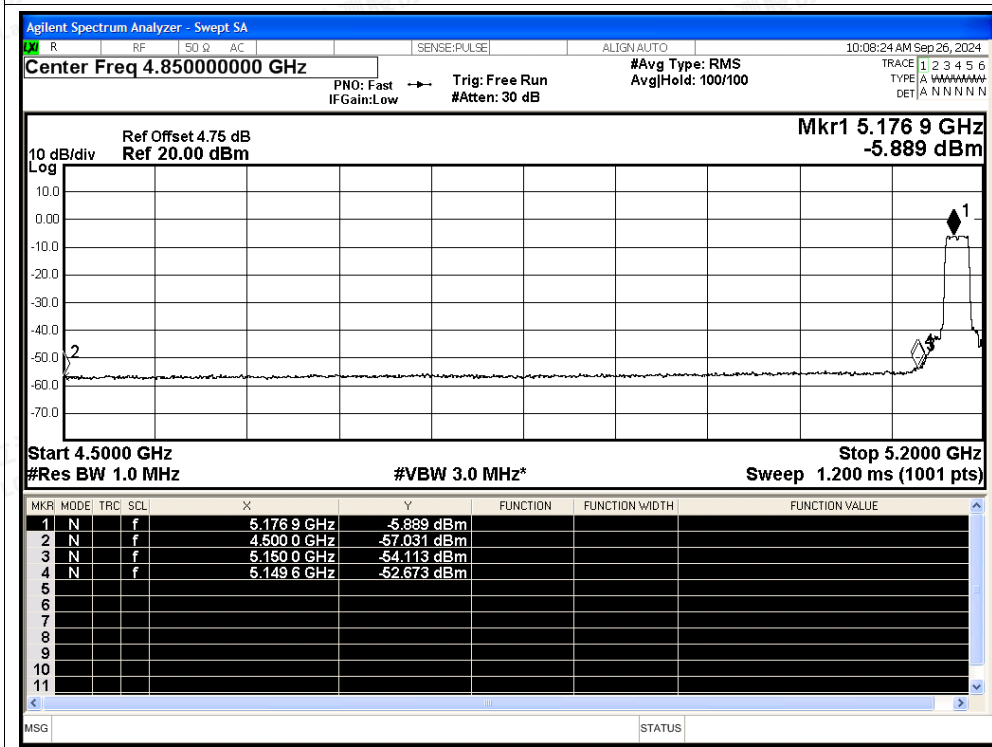
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Restrict Band NVNT ax20 5180MHz Ant0 Peak



Restrict Band NVNT ax20 5180MHz Ant0 Average



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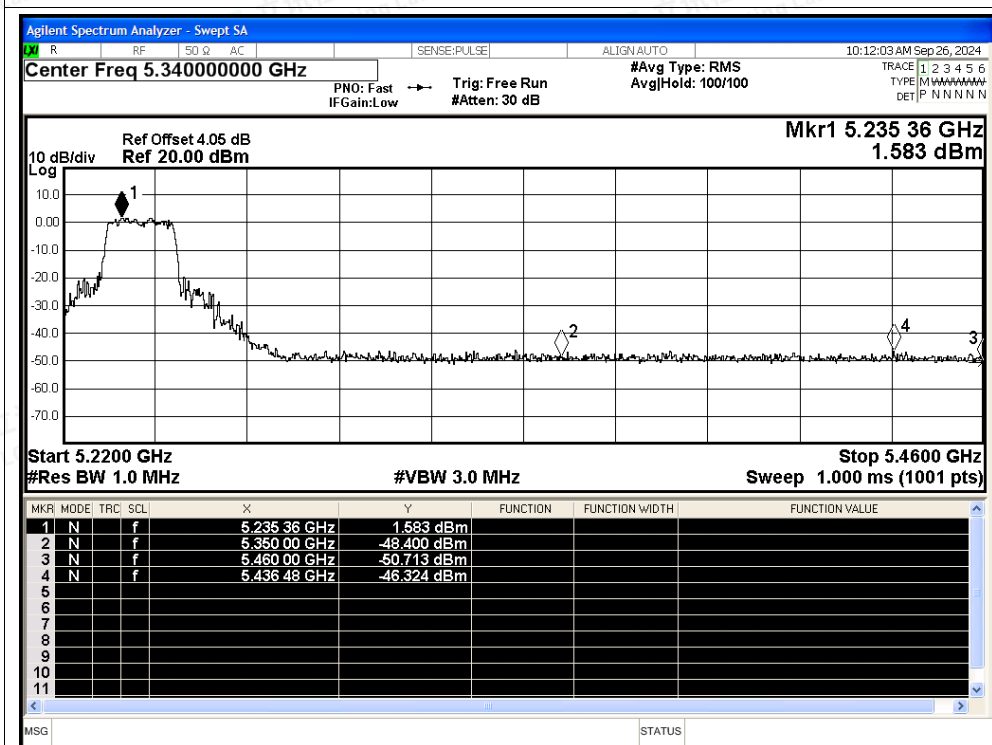
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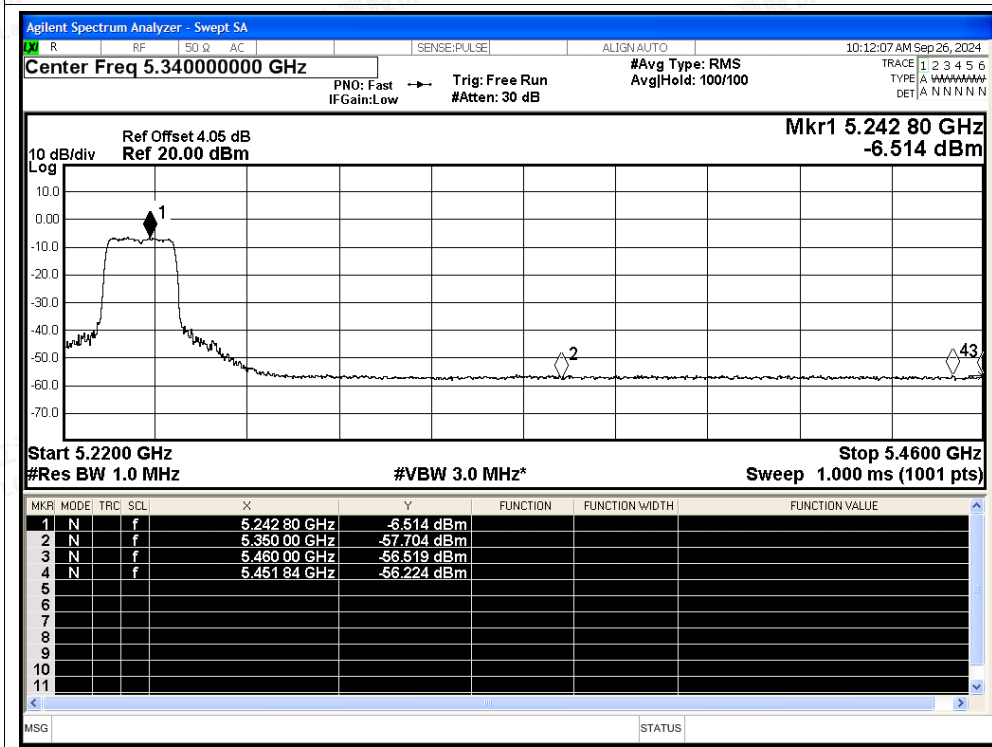
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Restrict Band NVNT ax20 5240MHz Ant0 Peak



Restrict Band NVNT ax20 5240MHz Ant0 Average



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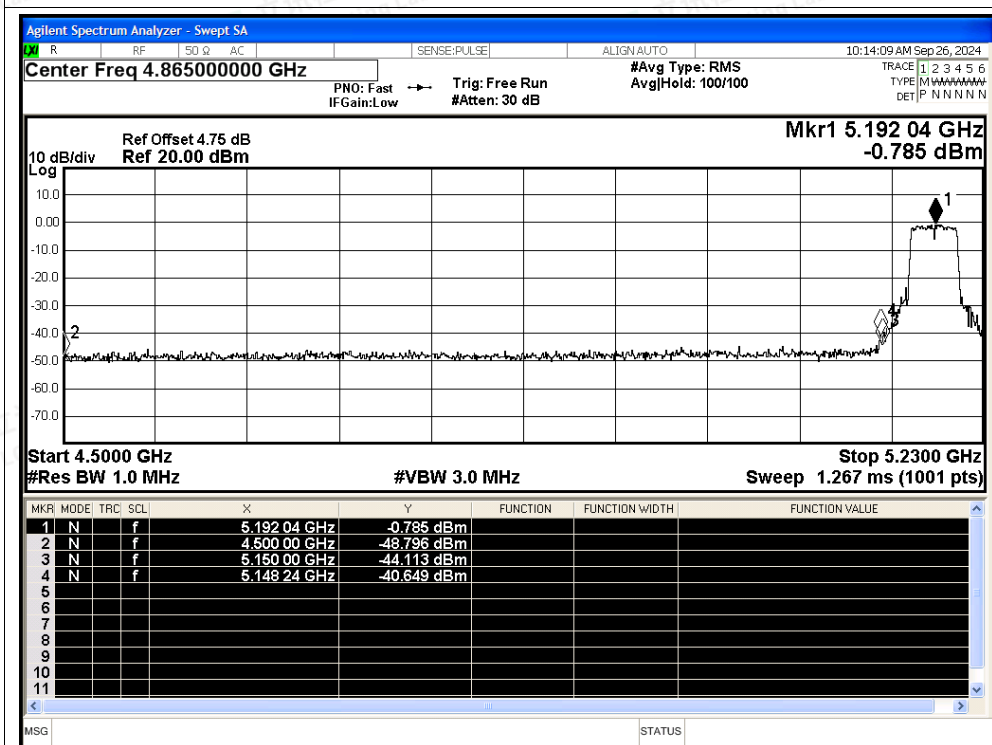
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

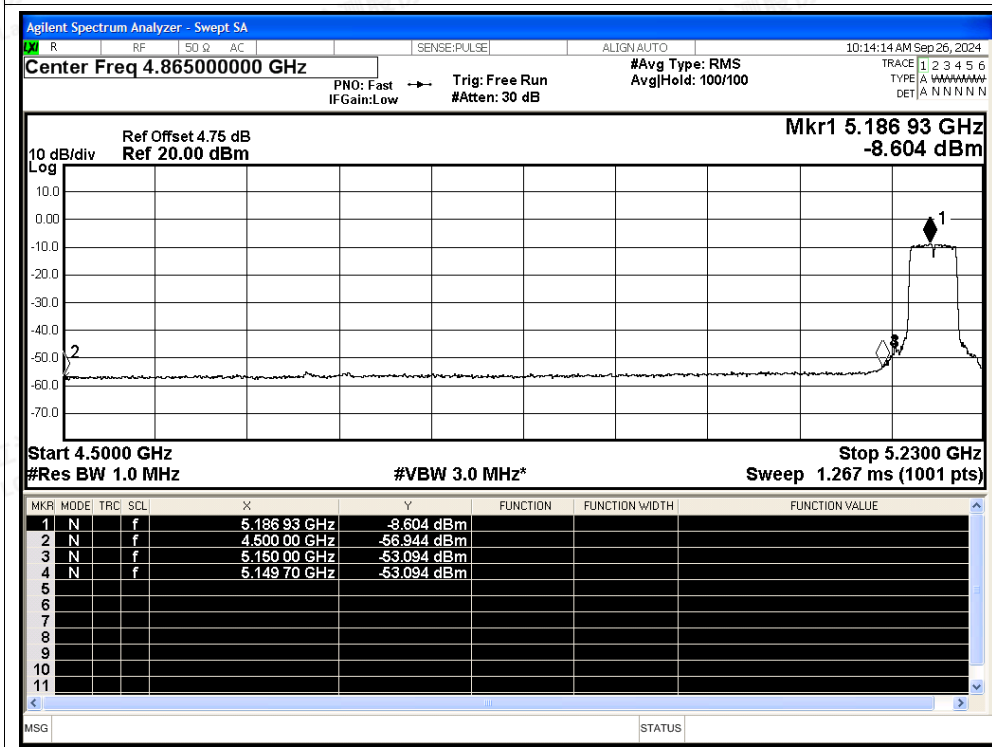
Scan code to check authenticity



Restrict Band NVNT ax40 5190MHz Ant0 Peak



Restrict Band NVNT ax40 5190MHz Ant0 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

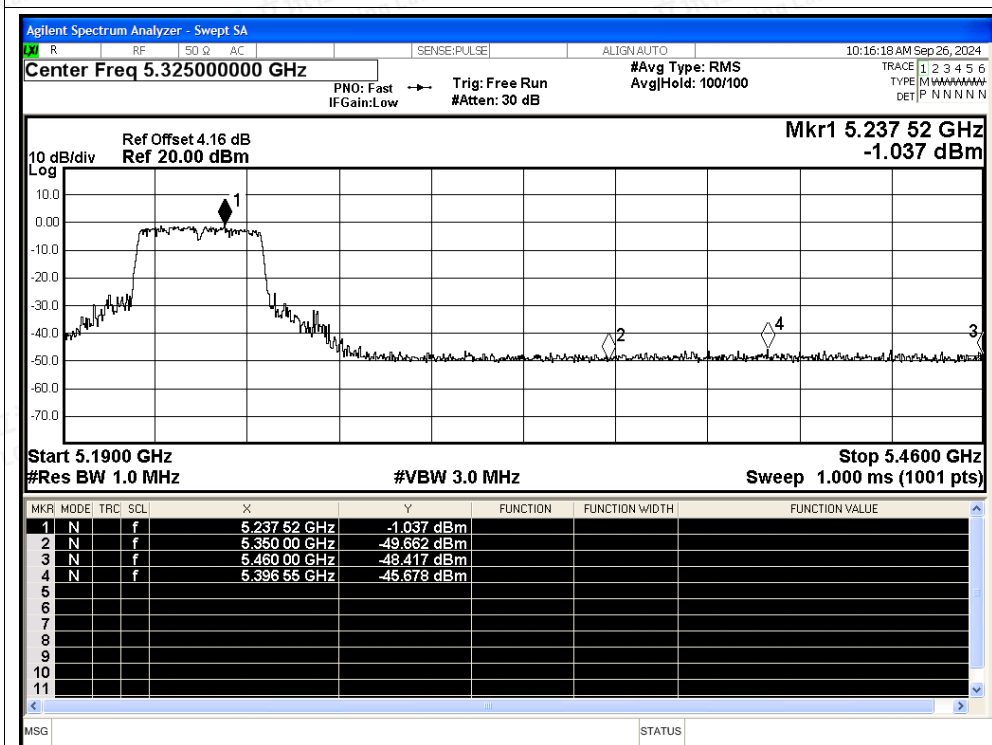
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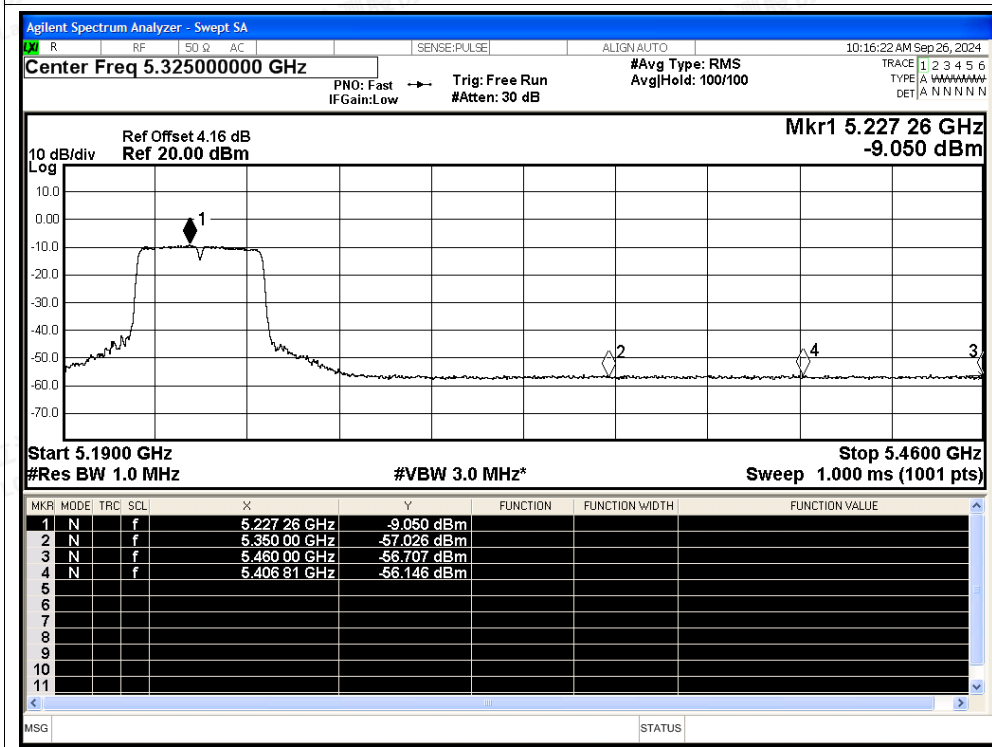
Scan code to check authenticity



Restrict Band NVNT ax40 5230MHz Ant0 Peak



Restrict Band NVNT ax40 5230MHz Ant0 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

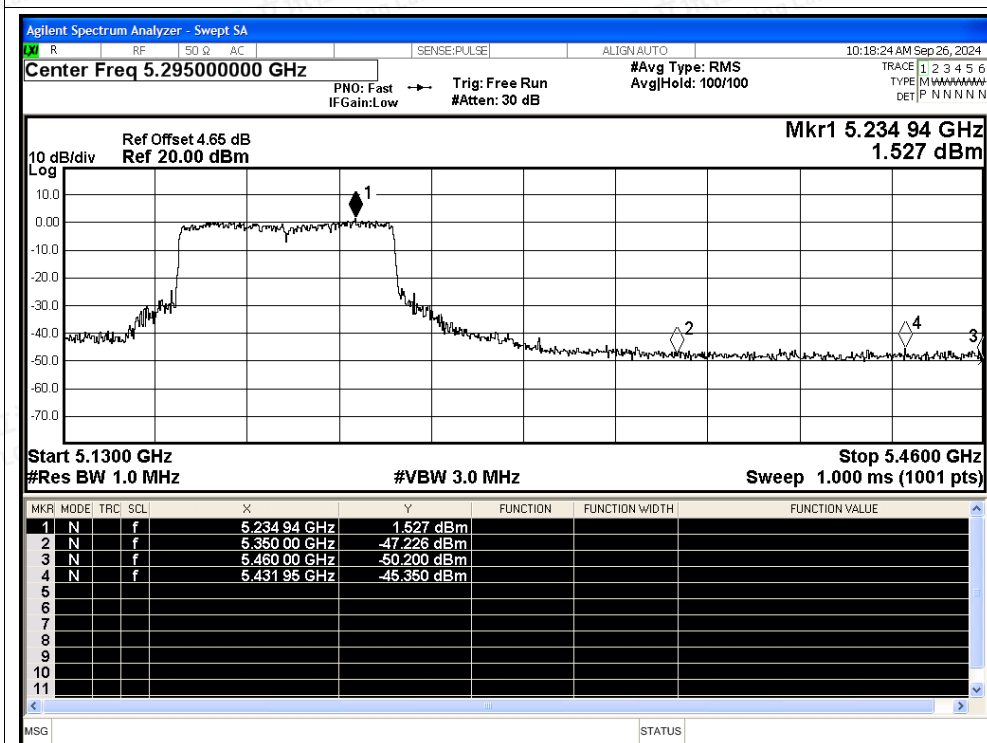
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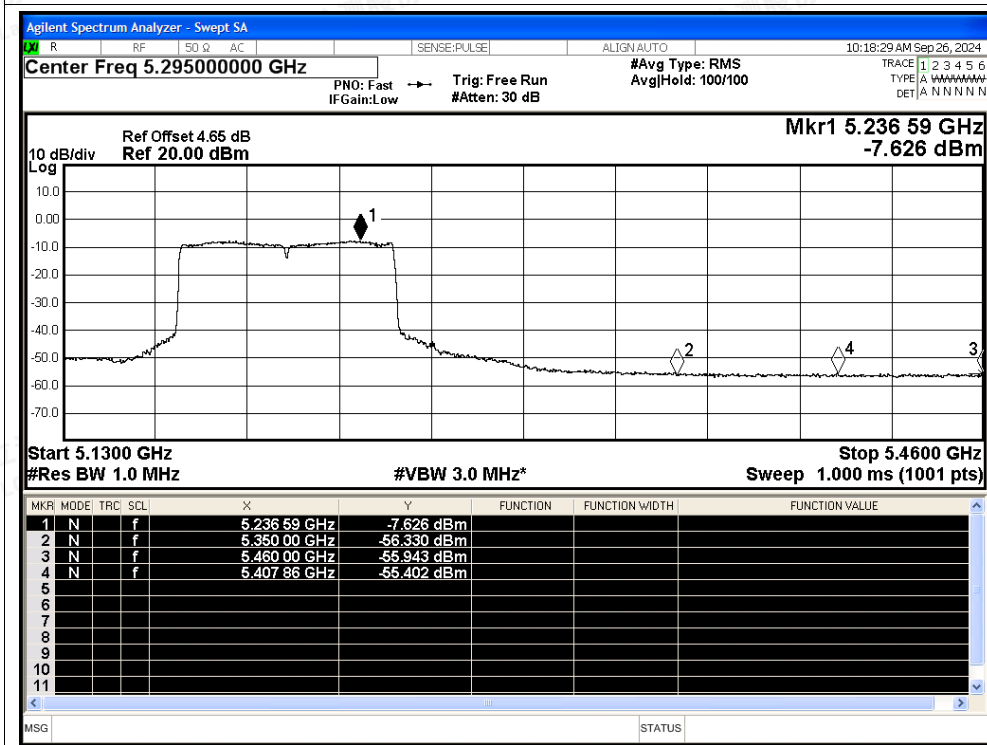
Scan code to check authenticity



Restrict Band NVNT ax80 5210MHz Ant0 Peak



Restrict Band NVNT ax80 5210MHz Ant0 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

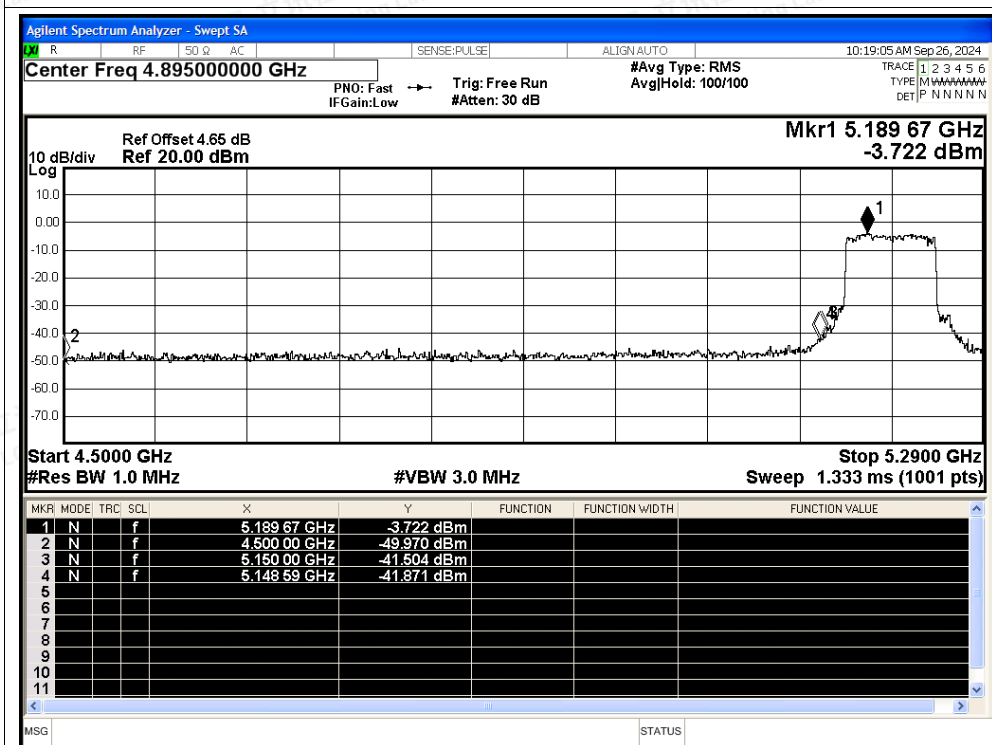
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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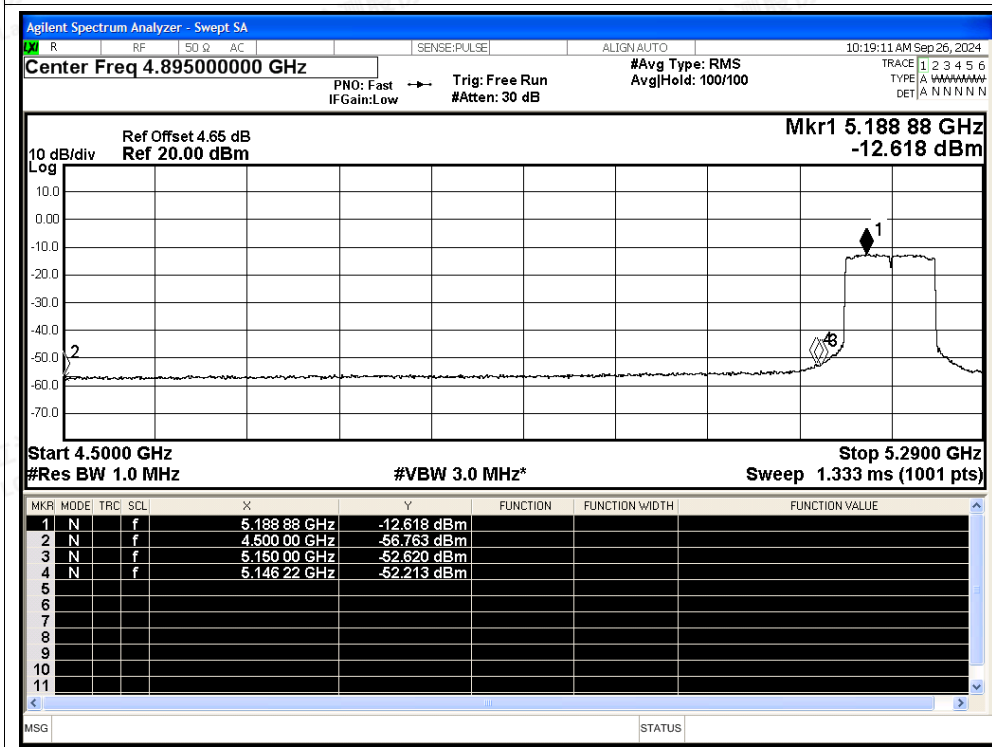
Scan code to check authenticity



Restrict Band NVNT ax80 5210MHz Ant0 Peak



Restrict Band NVNT ax80 5210MHz Ant0 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	5180	Ant1	4500	-49.4	6.3	-	52.13	Peak	68.2	Pass
NVNT	a	5180	Ant1	4500	-56.99	6.3	0.24	44.78	Average	54	Pass
NVNT	a	5180	Ant1	5149.6	-42.82	6.3	-	58.71	Peak	68.2	Pass
NVNT	a	5180	Ant1	5149.6	-54.12	6.3	0.24	47.65	Average	54	Pass
NVNT	a	5180	Ant1	5150	-44.12	6.3	-	57.41	Peak	68.2	Pass
NVNT	a	5180	Ant1	5150	-54.22	6.3	0.24	47.55	Average	54	Pass
NVNT	a	5240	Ant1	5350	-48.81	6.3	-	52.72	Peak	68.2	Pass
NVNT	a	5240	Ant1	5350	-56.61	6.3	0.24	45.16	Average	54	Pass
NVNT	a	5240	Ant1	5368.8	-45.63	6.3	-	55.90	Peak	68.2	Pass
NVNT	a	5240	Ant1	5372.16	-56.05	6.3	0.24	45.72	Average	54	Pass
NVNT	a	5240	Ant1	5460	-48.17	6.3	-	53.36	Peak	68.2	Pass
NVNT	a	5240	Ant1	5460	-57.27	6.3	0.24	44.50	Average	54	Pass
NVNT	n20	5180	Ant1	4500	-48.37	6.3	-	53.16	Peak	68.2	Pass
NVNT	n20	5180	Ant1	4500	-56.99	6.3	0.12	44.66	Average	54	Pass
NVNT	n20	5180	Ant1	5149.6	-40.99	6.3	-	60.54	Peak	68.2	Pass
NVNT	n20	5180	Ant1	5149.6	-55.2	6.3	0.12	46.45	Average	54	Pass
NVNT	n20	5180	Ant1	5150	-39.65	6.3	-	61.88	Peak	68.2	Pass
NVNT	n20	5180	Ant1	5150	-53.89	6.3	0.12	47.76	Average	54	Pass
NVNT	n20	5240	Ant1	5350	-47.78	6.3	-	53.75	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5350	-56.71	6.3	0.12	44.94	Average	54	Pass
NVNT	n20	5240	Ant1	5352	-45.58	6.3	-	55.95	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5383.68	-56.24	6.3	0.12	45.41	Average	54	Pass
NVNT	n20	5240	Ant1	5460	-49.1	6.3	-	52.43	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5460	-57.14	6.3	0.12	44.51	Average	54	Pass
NVNT	n40	5190	Ant1	4500	-48.31	6.3	-	53.22	Peak	68.2	Pass
NVNT	n40	5190	Ant1	4500	-57.4	6.3	0.12	44.25	Average	54	Pass
NVNT	n40	5190	Ant1	5148.24	-41.24	6.3	-	60.29	Peak	68.2	Pass
NVNT	n40	5190	Ant1	5149.7	-53.89	6.3	0.12	47.76	Average	54	Pass
NVNT	n40	5190	Ant1	5150	-42.03	6.3	-	59.50	Peak	68.2	Pass
NVNT	n40	5190	Ant1	5150	-53.99	6.3	0.12	47.66	Average	54	Pass
NVNT	n40	5230	Ant1	5350	-48.76	6.3	-	52.77	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5350	-55.95	6.3	0.12	45.70	Average	54	Pass
NVNT	n40	5230	Ant1	5360.37	-46.15	6.3	-	55.38	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5350.11	-55.95	6.3	0.12	45.70	Average	54	Pass
NVNT	n40	5230	Ant1	5460	-49.08	6.3	-	52.45	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5460	-56.94	6.3	0.12	44.71	Average	54	Pass
NVNT	ac20	5180	Ant1	4500	-47.75	6.3	-	53.78	Peak	68.2	Pass





NVNT	ac20	5180	Ant1	4500	-57.47	6.3	0.12	44.18	Average	54	Pass
NVNT	ac20	5180	Ant1	5149.6	-43.26	6.3	-	58.27	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	5149.6	-53.54	6.3	0.12	48.11	Average	54	Pass
NVNT	ac20	5180	Ant1	5150	-46.07	6.3	-	55.46	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	5150	-53.99	6.3	0.12	47.66	Average	54	Pass
NVNT	ac20	5240	Ant1	5350	-48.52	6.3	-	53.01	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5350	-56.67	6.3	0.12	44.98	Average	54	Pass
NVNT	ac20	5240	Ant1	5455.92	-45.99	6.3	-	55.54	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5367.36	-56.09	6.3	0.12	45.56	Average	54	Pass
NVNT	ac20	5240	Ant1	5460	-47.81	6.3	-	53.72	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5460	-56.86	6.3	0.12	44.79	Average	54	Pass
NVNT	ac40	5190	Ant1	4500	-48.99	6.3	-	52.54	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	4500	-57.86	6.3	0.12	43.79	Average	54	Pass
NVNT	ac40	5190	Ant1	5149.7	-41.15	6.3	-	60.38	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	5147.51	-53.24	6.3	0.12	48.41	Average	54	Pass
NVNT	ac40	5190	Ant1	5150	-41.15	6.3	-	60.38	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	5150	-53.32	6.3	0.12	48.33	Average	54	Pass
NVNT	ac40	5230	Ant1	5350	-49.85	6.3	-	51.68	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5350	-56.81	6.3	0.12	44.84	Average	54	Pass
NVNT	ac40	5230	Ant1	5361.45	-46.17	6.3	-	55.36	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5392.5	-56.11	6.3	0.12	45.54	Average	54	Pass
NVNT	ac40	5230	Ant1	5460	-49.18	6.3	-	52.35	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5460	-57.13	6.3	0.12	44.52	Average	54	Pass
NVNT	ac80	5210	Ant1	5350	-49.45	6.3	-	52.08	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5350	-55.53	6.3	0.25	46.25	Average	54	Pass
NVNT	ac80	5210	Ant1	5379.15	-45.24	6.3	-	56.29	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5359.68	-55.46	6.3	0.25	46.32	Average	54	Pass
NVNT	ac80	5210	Ant1	5460	-49.42	6.3	-	52.11	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5460	-55.84	6.3	0.25	45.94	Average	54	Pass
NVNT	ac80	5210	Ant1	4500	-47.17	6.3	-	54.36	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	4500	-57.55	6.3	0.25	44.23	Average	54	Pass
NVNT	ac80	5210	Ant1	5148.59	-43.4	6.3	-	58.13	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5148.59	-53.93	6.3	0.25	47.85	Average	54	Pass
NVNT	ac80	5210	Ant1	5150	-41.42	6.3	-	60.11	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5150	-53.97	6.3	0.25	47.81	Average	54	Pass
NVNT	ax20	5180	Ant1	4500	-50.28	6.3	-	51.25	Peak	68.2	Pass
NVNT	ax20	5180	Ant1	4500	-56.74	6.3	0.12	44.91	Average	54	Pass
NVNT	ax20	5180	Ant1	5148.9	-43.63	6.3	-	57.90	Peak	68.2	Pass
NVNT	ax20	5180	Ant1	5149.6	-53.98	6.3	0.12	47.67	Average	54	Pass
NVNT	ax20	5180	Ant1	5150	-43.88	6.3	-	57.65	Peak	68.2	Pass
NVNT	ax20	5180	Ant1	5150	-53.82	6.3	0.12	47.83	Average	54	Pass



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