



Appendix D

RF Test Data for 5.2GWIFI (Conducted Measurement)

Product Name: Compact 4K Presentation Device
Test Model: VIA CONNECT3

Environmental Conditions

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





D.1 -26dB Bandwidth

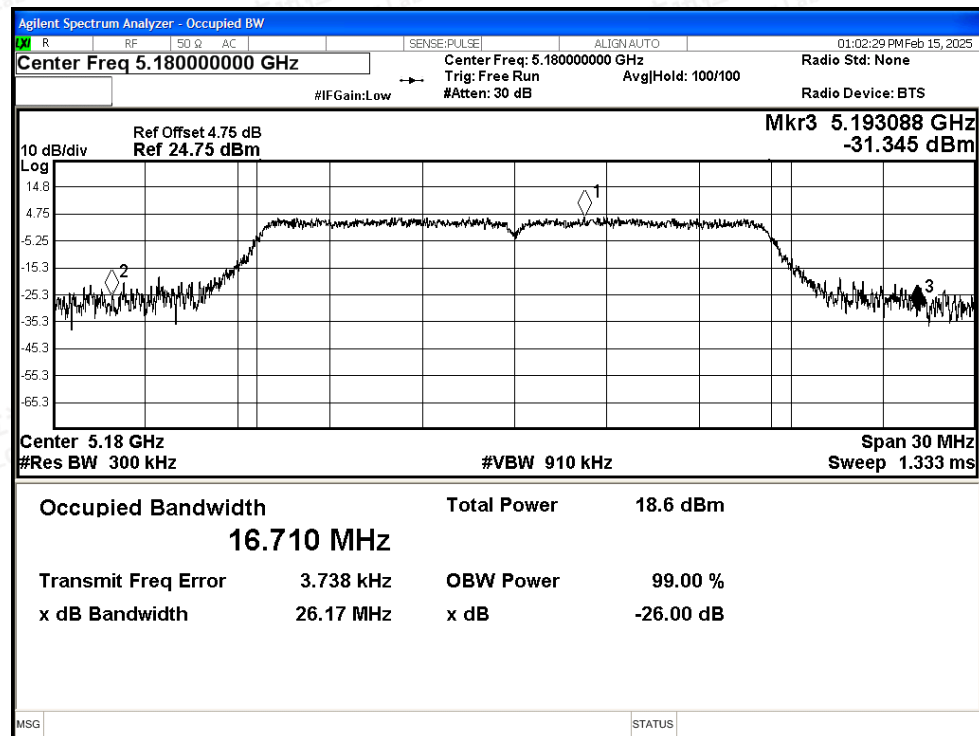
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	26.169	---	Pass
NVNT	a	5200	Ant1	27.362	---	Pass
NVNT	a	5240	Ant1	24.968	---	Pass
NVNT	n20	5180	Ant1	27.356	---	Pass
NVNT	n20	5200	Ant1	26.643	---	Pass
NVNT	n20	5240	Ant1	29.185	---	Pass
NVNT	n40	5190	Ant1	48.371	---	Pass
NVNT	n40	5230	Ant1	46.365	---	Pass
NVNT	ac20	5180	Ant1	27.357	---	Pass
NVNT	ac20	5200	Ant1	27.963	---	Pass
NVNT	ac20	5240	Ant1	28.689	---	Pass
NVNT	ac40	5190	Ant1	48.09	---	Pass
NVNT	ac40	5230	Ant1	50.226	---	Pass
NVNT	ac80	5210	Ant1	84.461	---	Pass



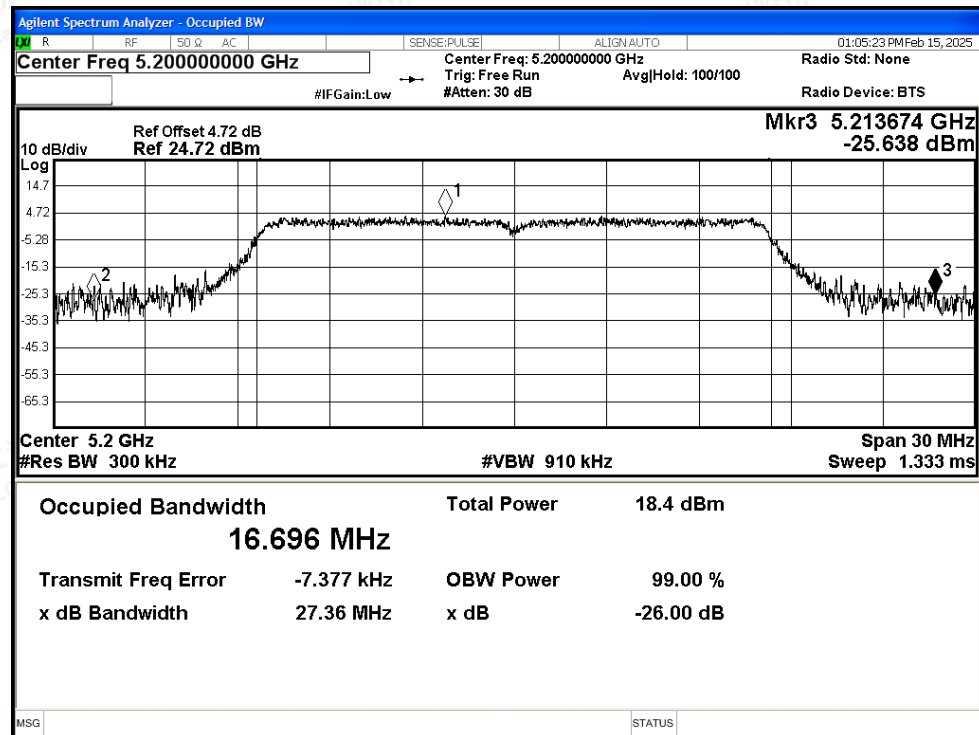


Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1



-26dB Bandwidth NVNT a 5200MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

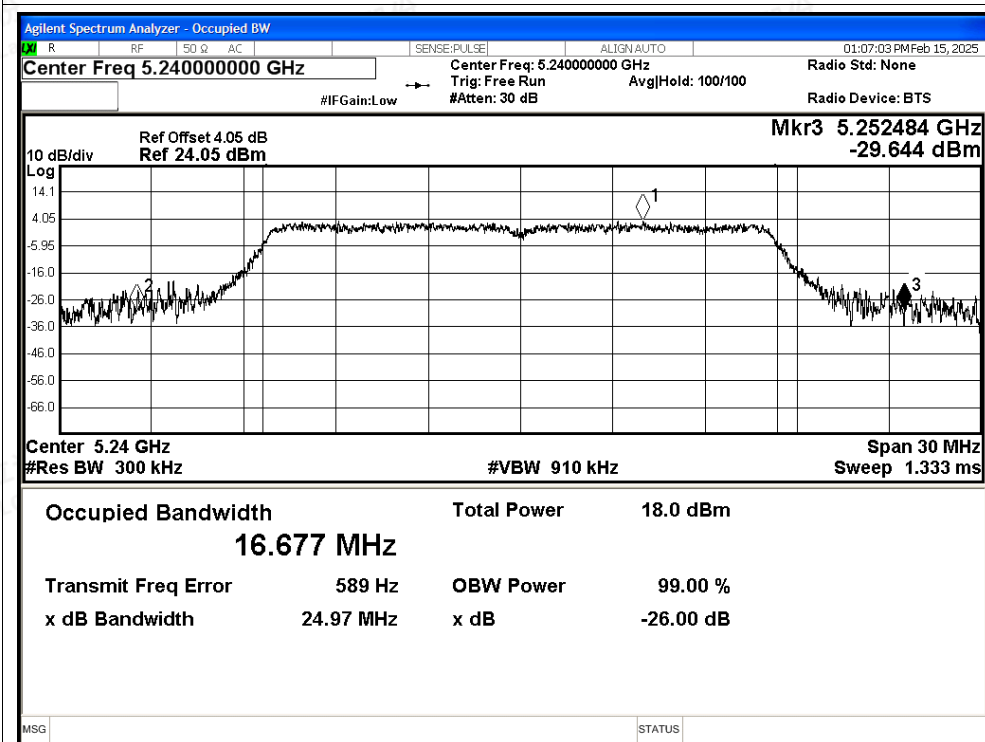
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

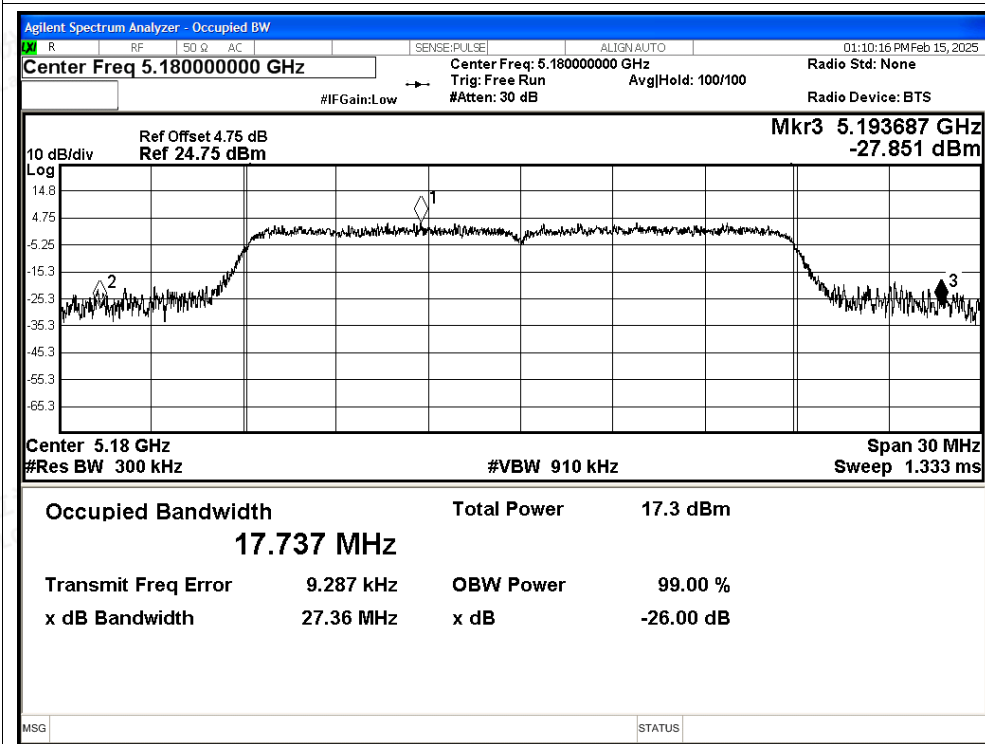
Scan code to check authenticity



-26dB Bandwidth NVNT a 5240MHz Ant1



-26dB Bandwidth NVNT n20 5180MHz Ant1



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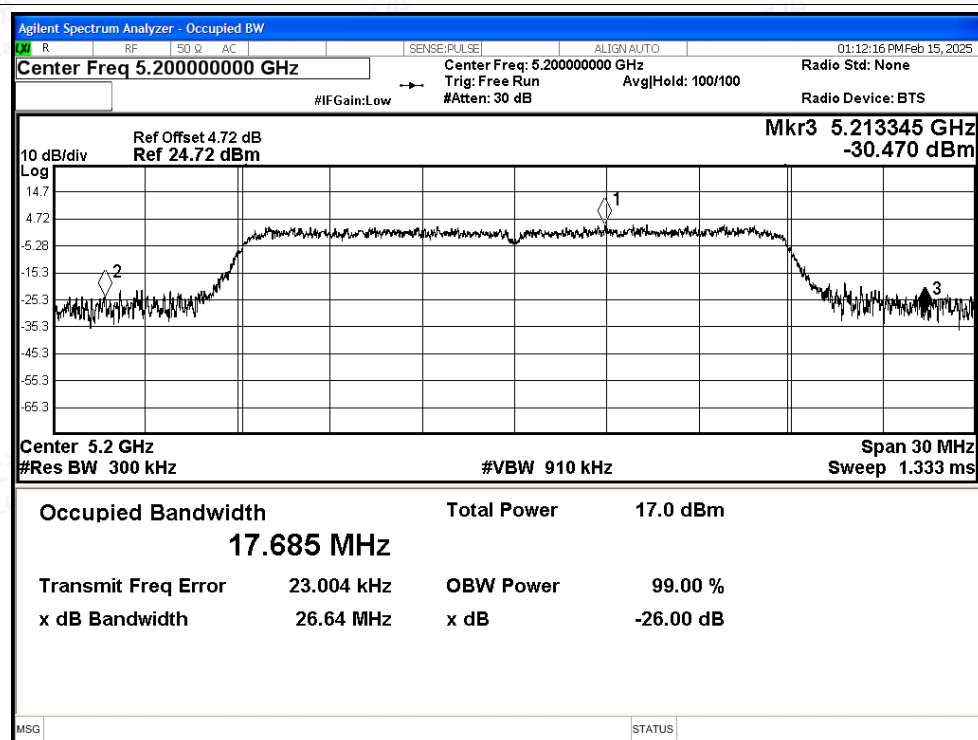
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

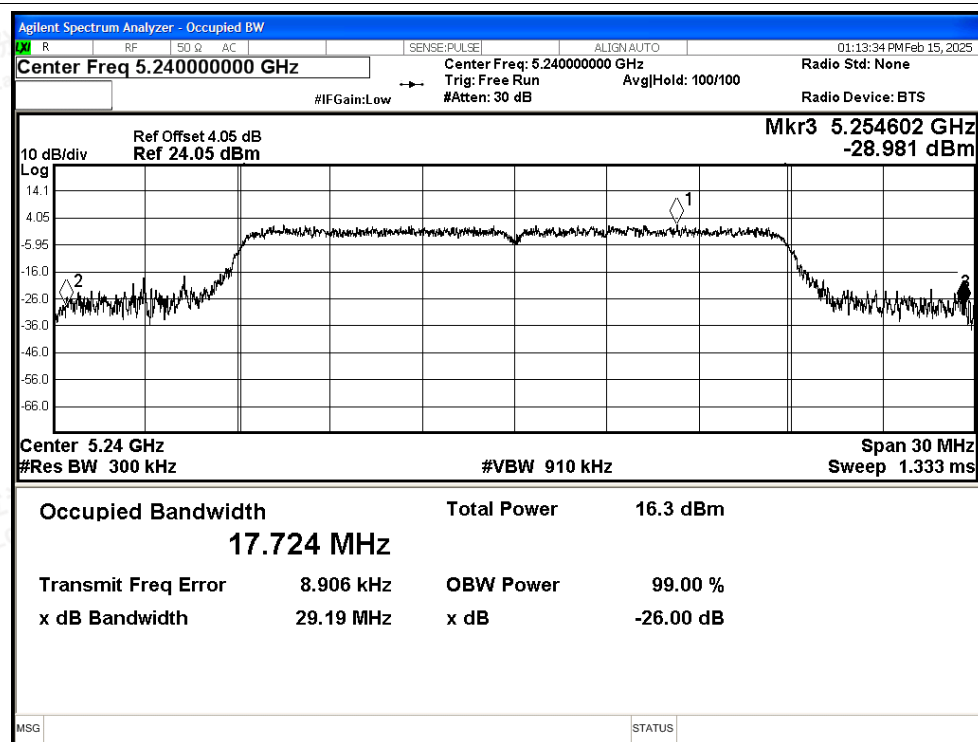
Scan code to check authenticity



-26dB Bandwidth NVNT n20 5200MHz Ant1



-26dB Bandwidth NVNT n20 5240MHz Ant1



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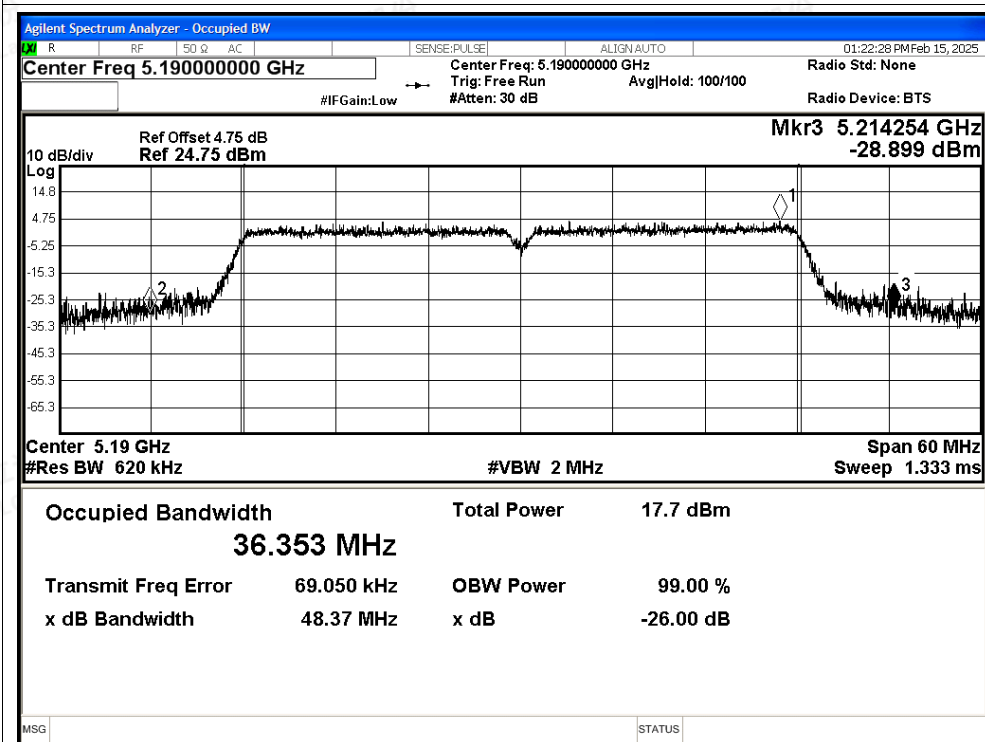
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

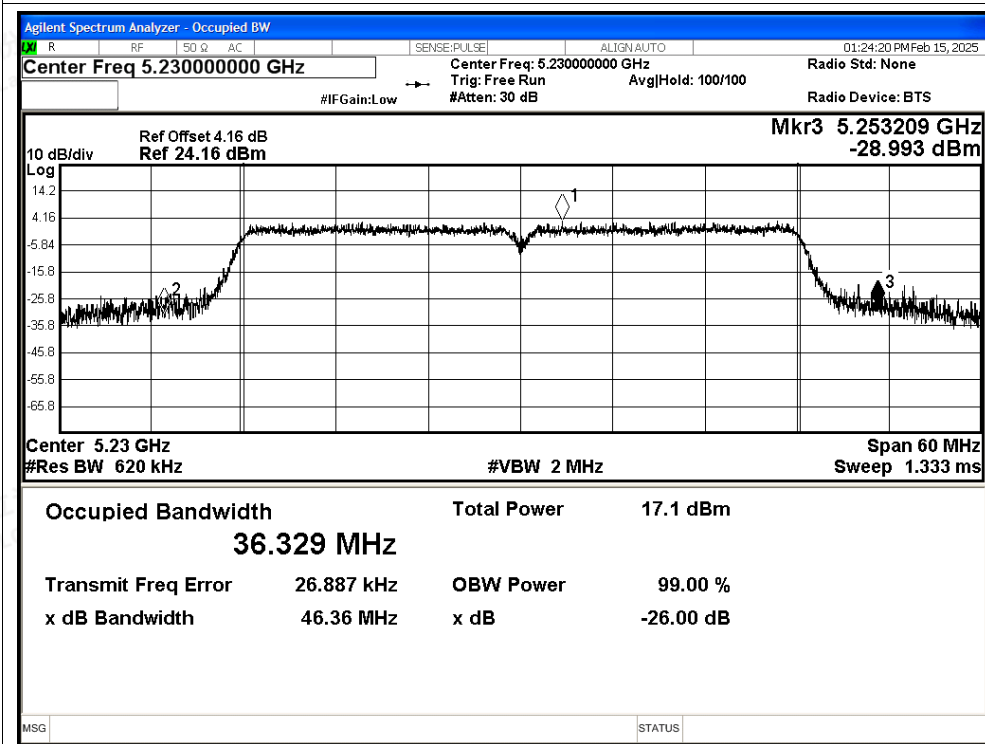
Scan code to check authenticity



-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1



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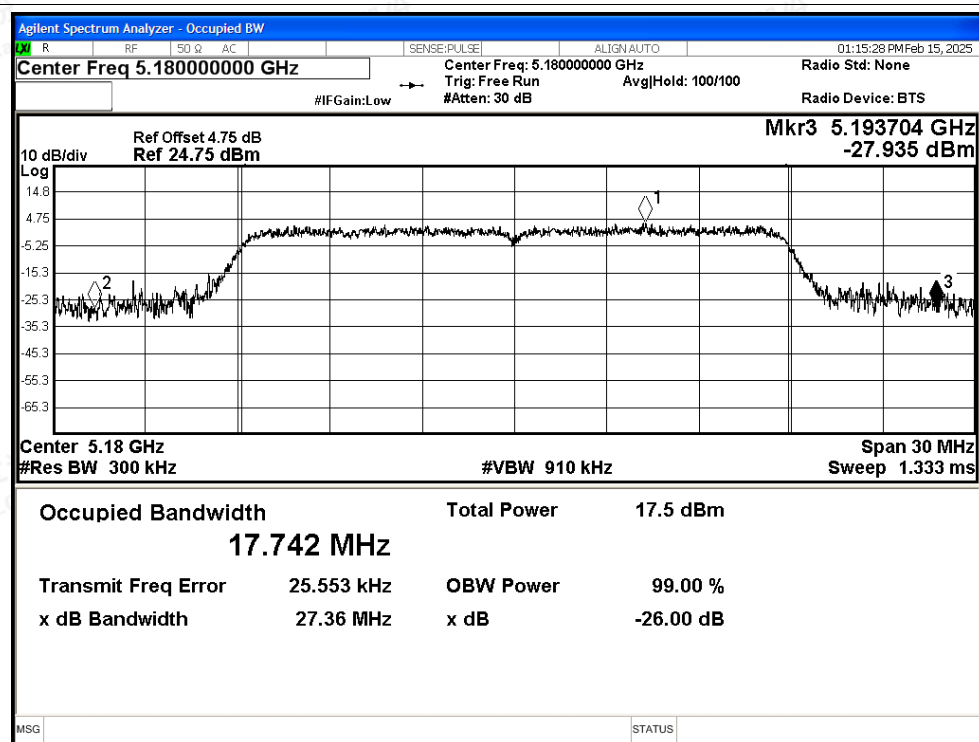
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

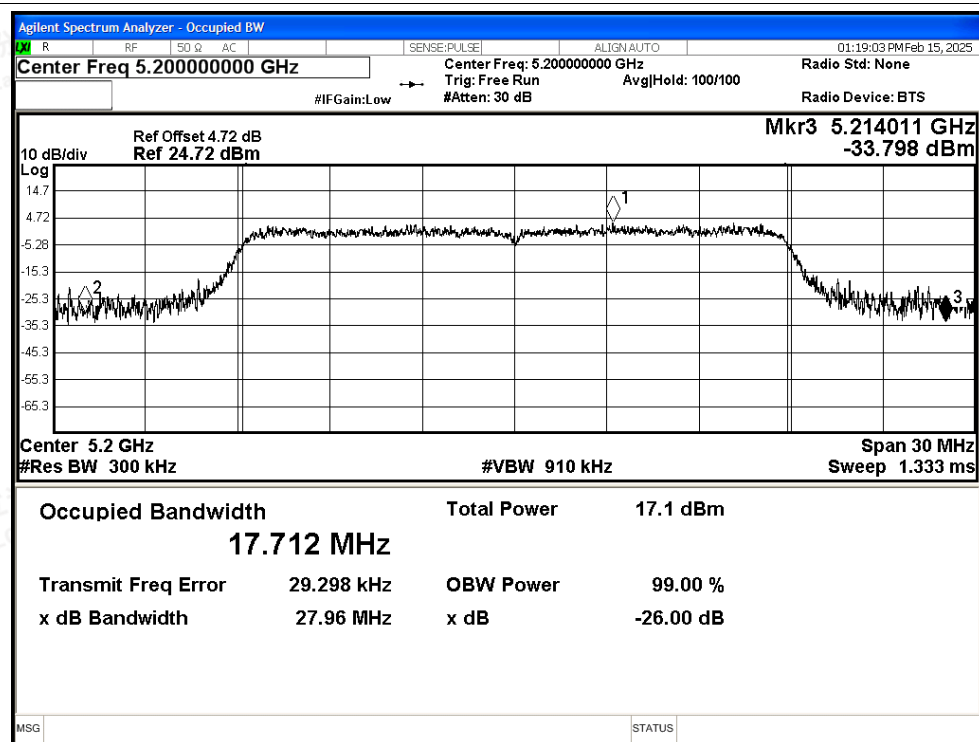
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5180MHz Ant1



-26dB Bandwidth NVNT ac20 5200MHz Ant1



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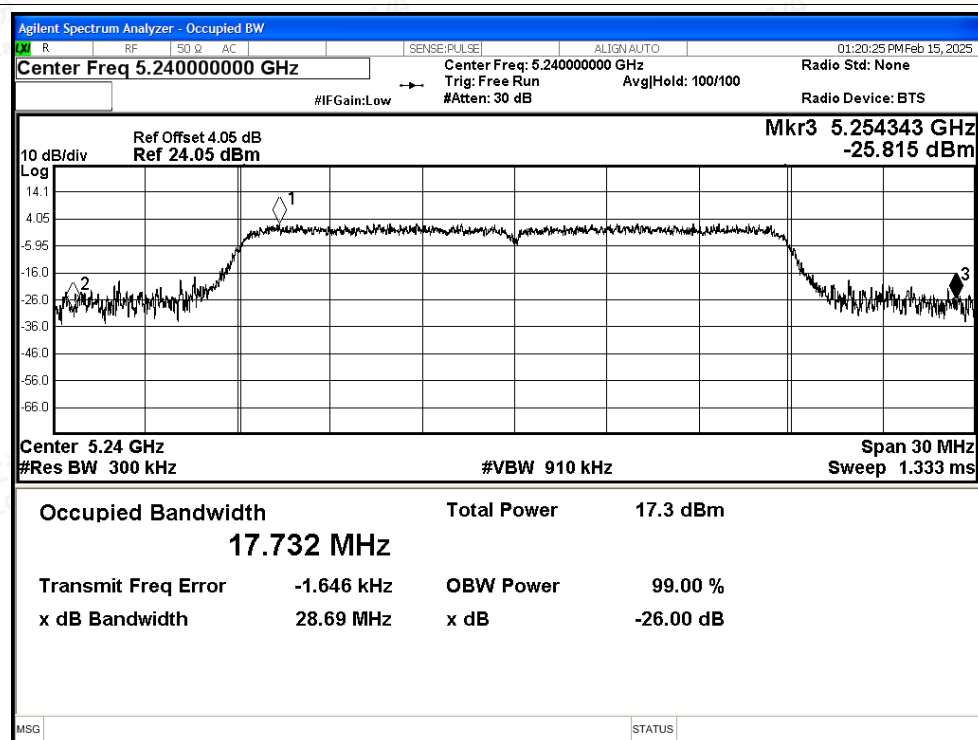
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

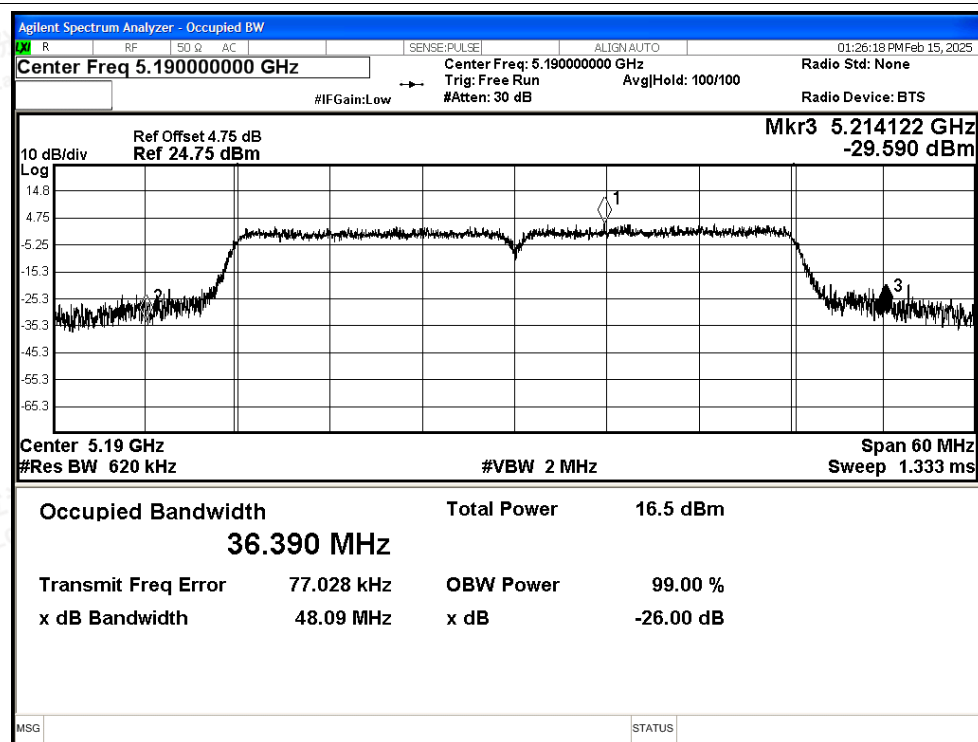
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5240MHz Ant1



-26dB Bandwidth NVNT ac40 5190MHz Ant1



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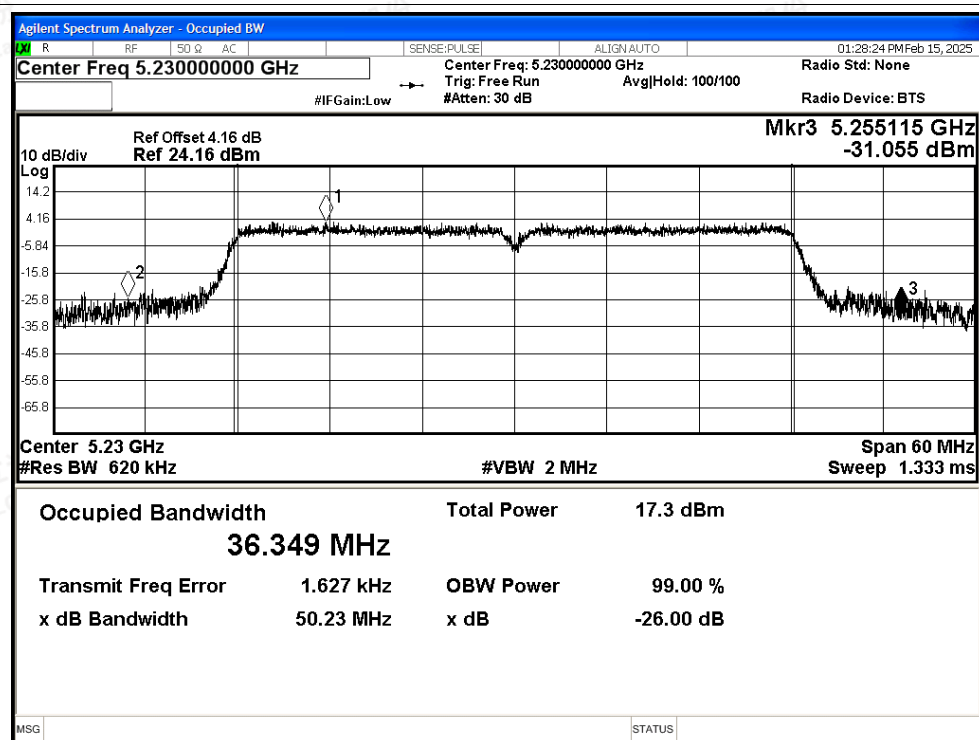
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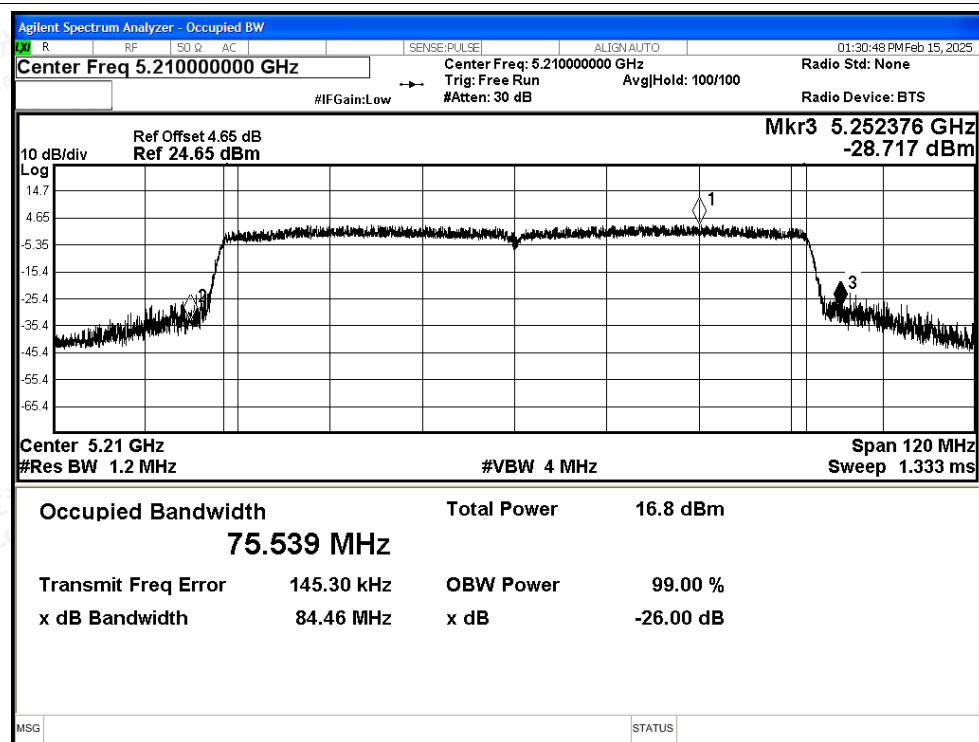
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-26dB Bandwidth NVNT ac40 5230MHz Ant1



-26dB Bandwidth NVNT ac80 5210MHz Ant1



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Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant2	28.552	---	Pass
NVNT	a	5200	Ant2	22.944	---	Pass
NVNT	a	5240	Ant2	25.349	---	Pass
NVNT	n20	5180	Ant2	24.553	---	Pass
NVNT	n20	5200	Ant2	28.761	---	Pass
NVNT	n20	5240	Ant2	27.096	---	Pass
NVNT	n40	5190	Ant2	47.693	---	Pass
NVNT	n40	5230	Ant2	46.324	---	Pass
NVNT	ac20	5180	Ant2	27.223	---	Pass
NVNT	ac20	5200	Ant2	28.066	---	Pass
NVNT	ac20	5240	Ant2	29.419	---	Pass
NVNT	ac40	5190	Ant2	49.935	---	Pass
NVNT	ac40	5230	Ant2	45.112	---	Pass
NVNT	ac80	5210	Ant2	81.908	---	Pass



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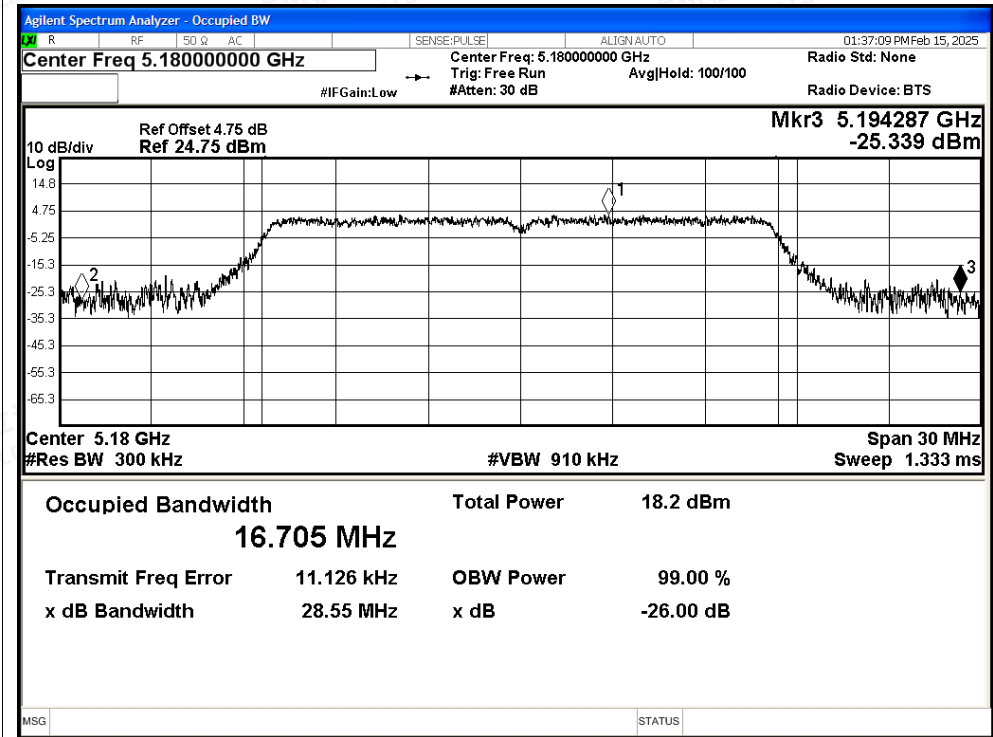
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

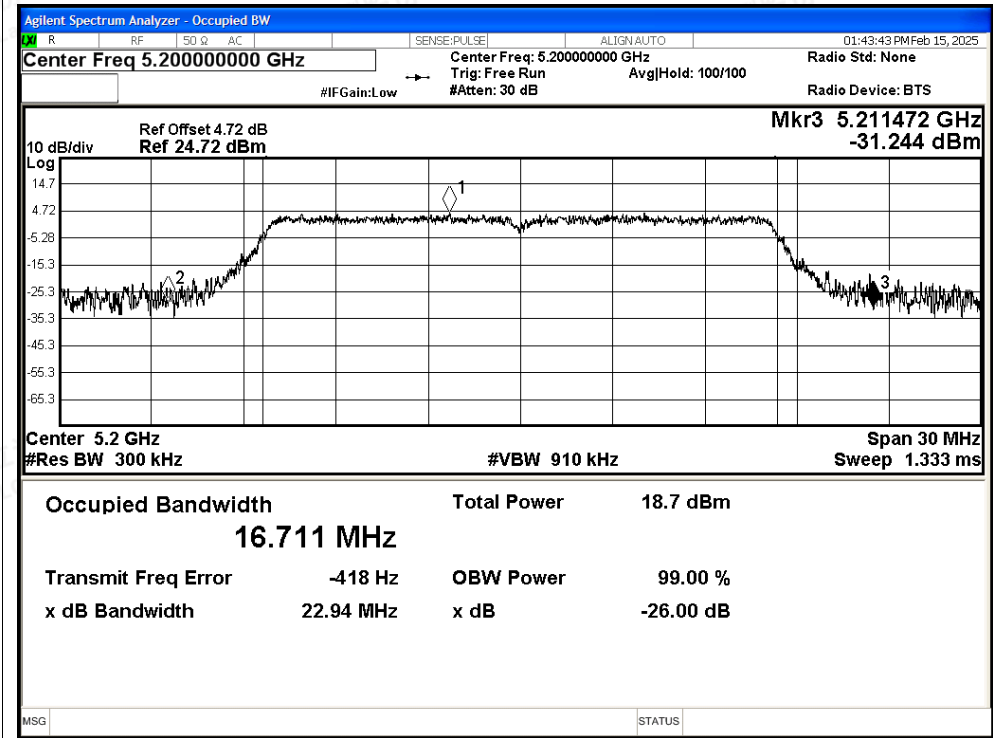


Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant2

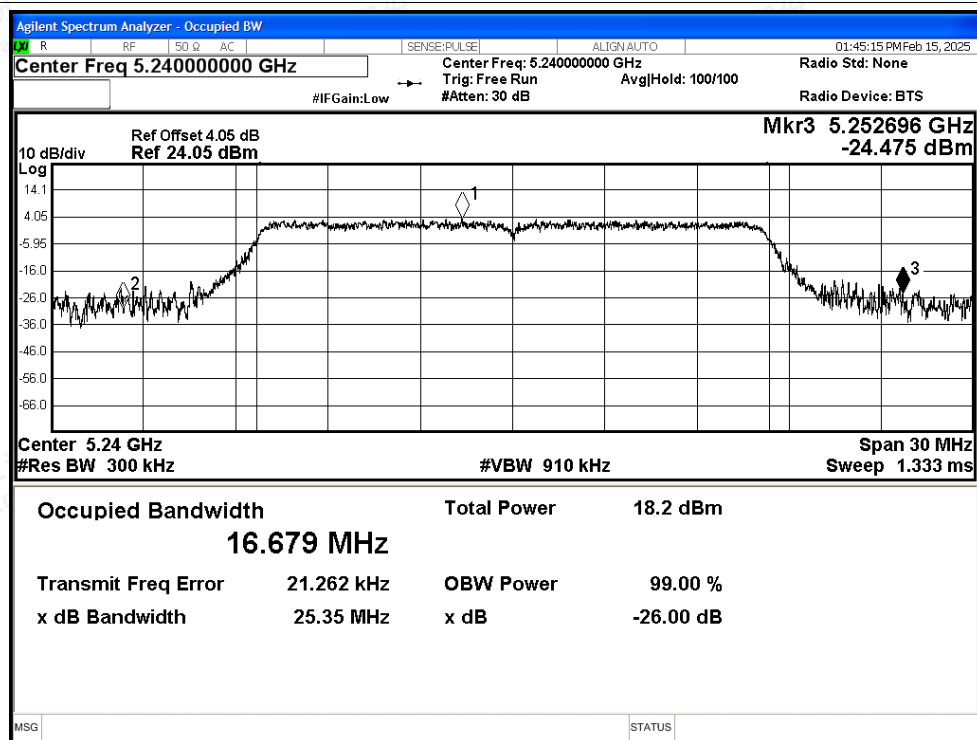


-26dB Bandwidth NVNT a 5200MHz Ant2

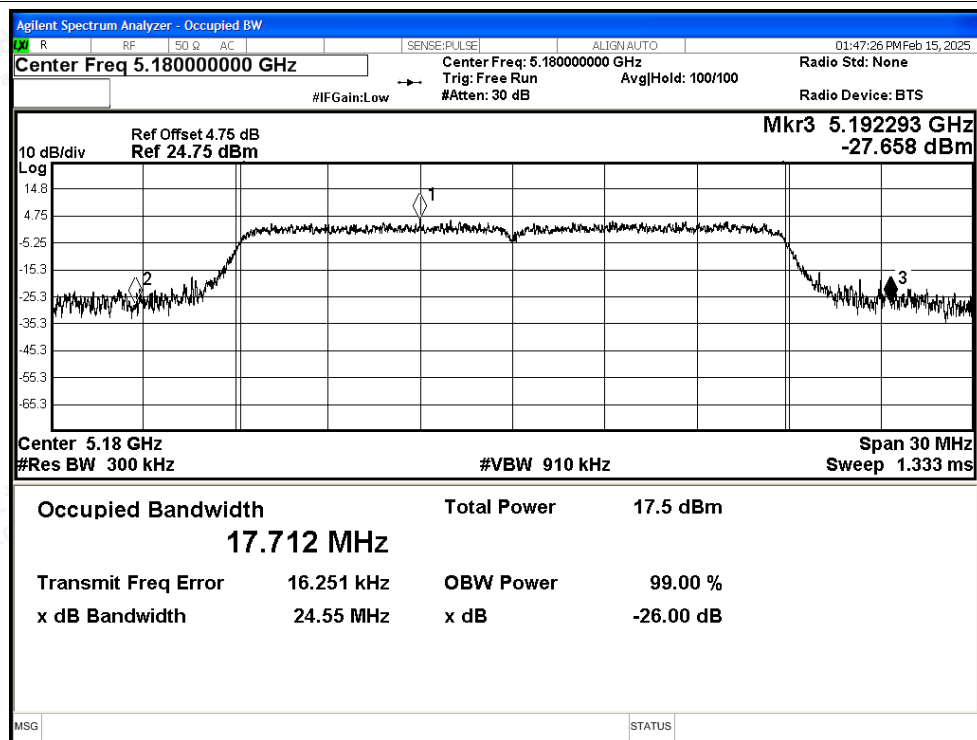




-26dB Bandwidth NVNT a 5240MHz Ant2



-26dB Bandwidth NVNT n20 5180MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

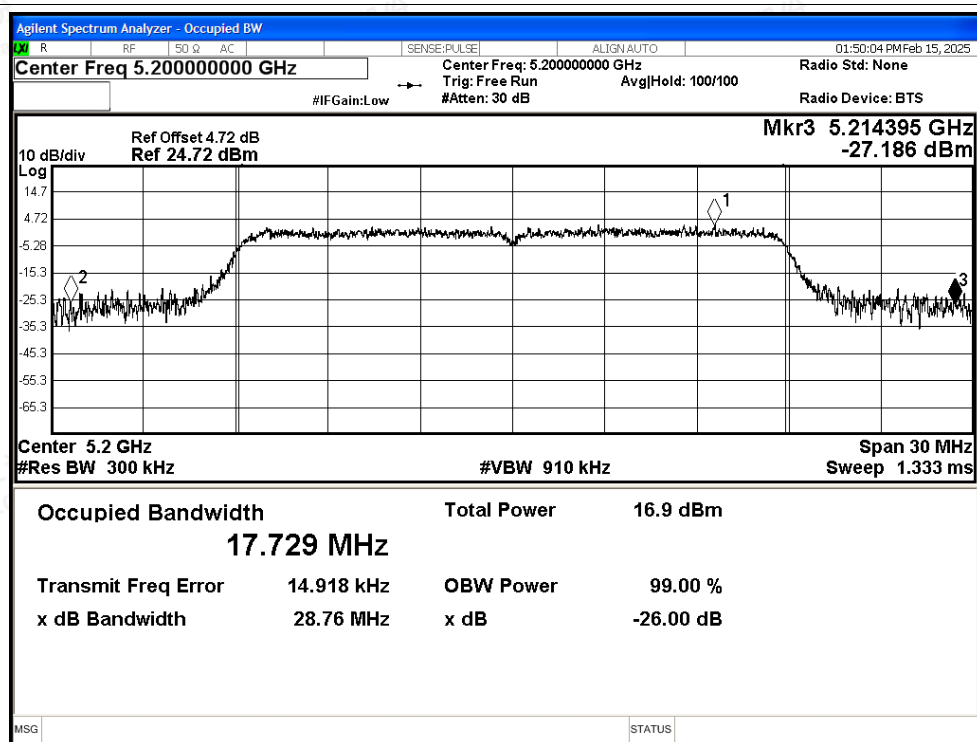
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

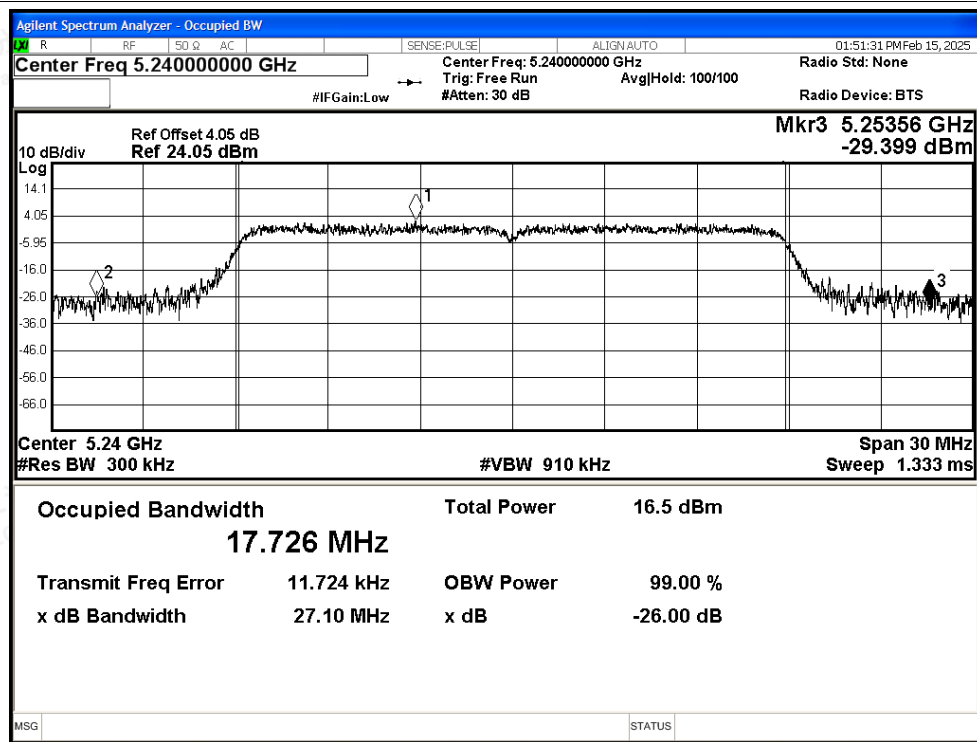
Scan code to check authenticity



-26dB Bandwidth NVNT n20 5200MHz Ant2



-26dB Bandwidth NVNT n20 5240MHz Ant2



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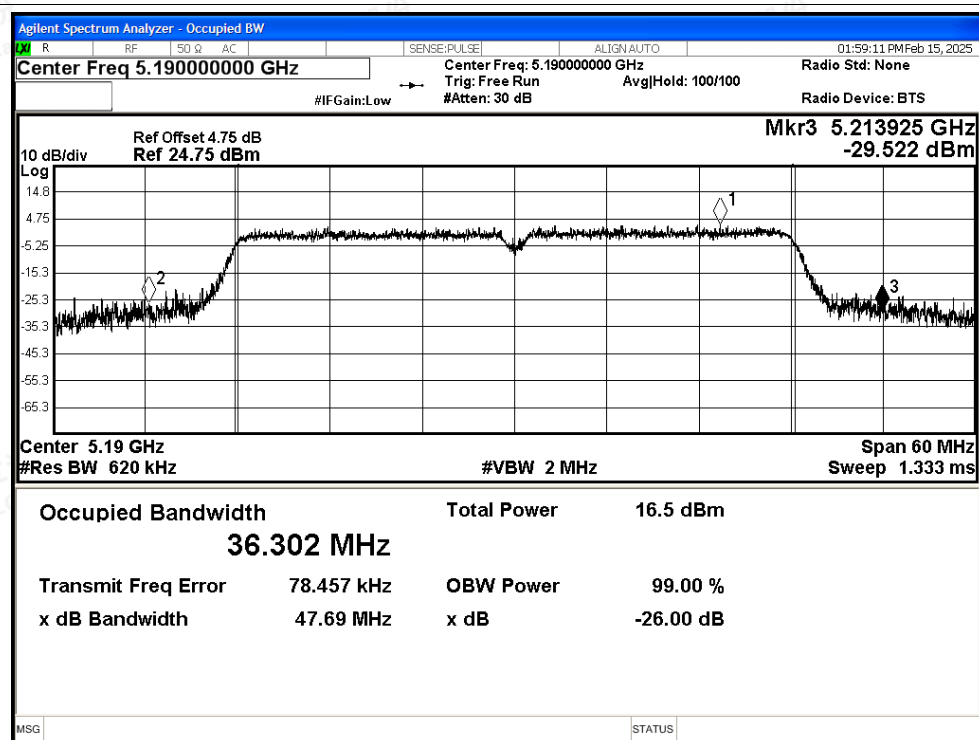
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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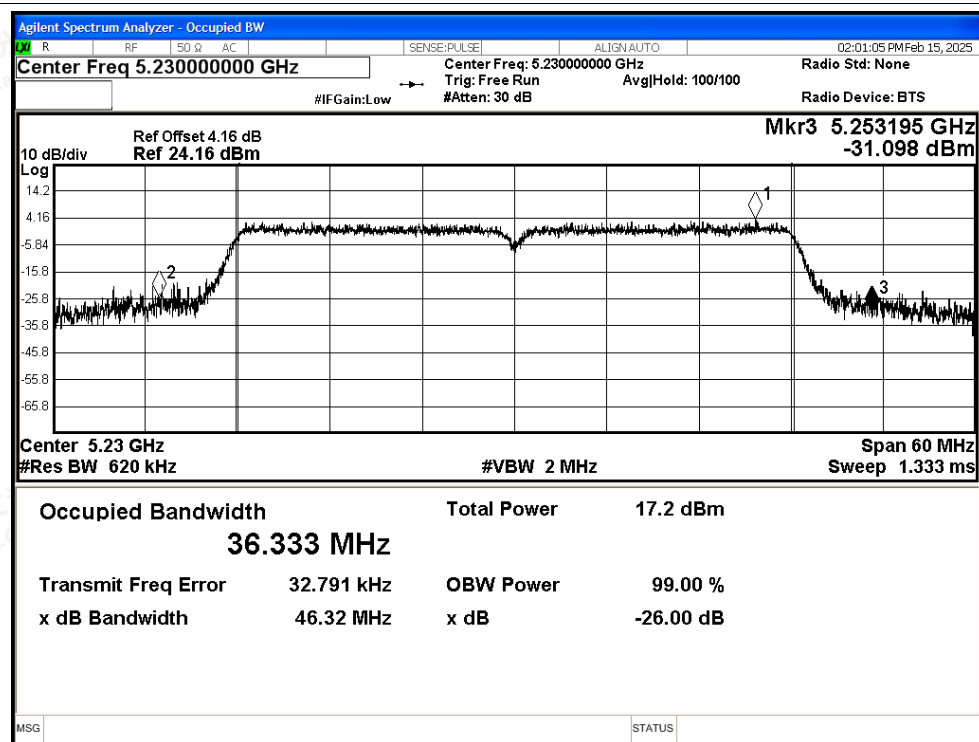
Scan code to check authenticity



-26dB Bandwidth NVNT n40 5190MHz Ant2



-26dB Bandwidth NVNT n40 5230MHz Ant2



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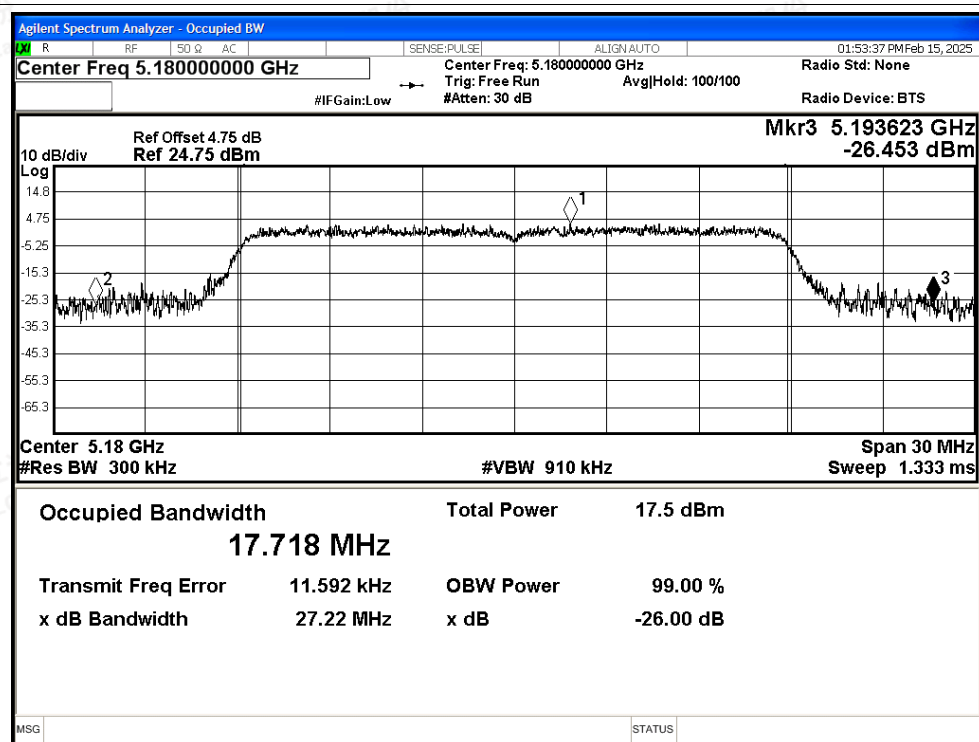
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

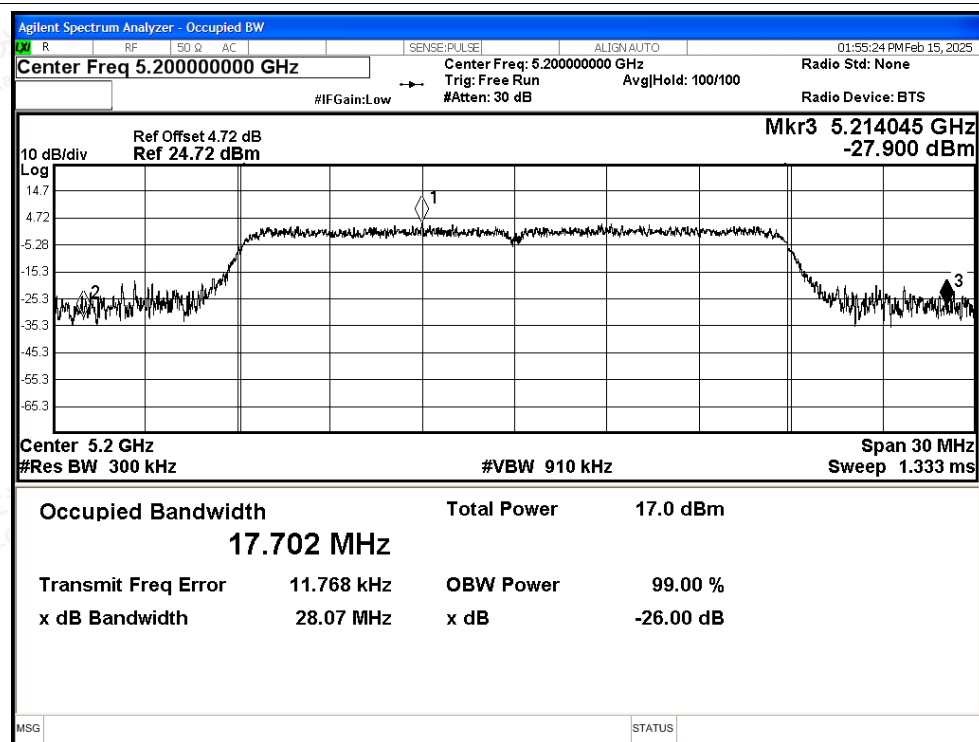
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5180MHz Ant2



-26dB Bandwidth NVNT ac20 5200MHz Ant2



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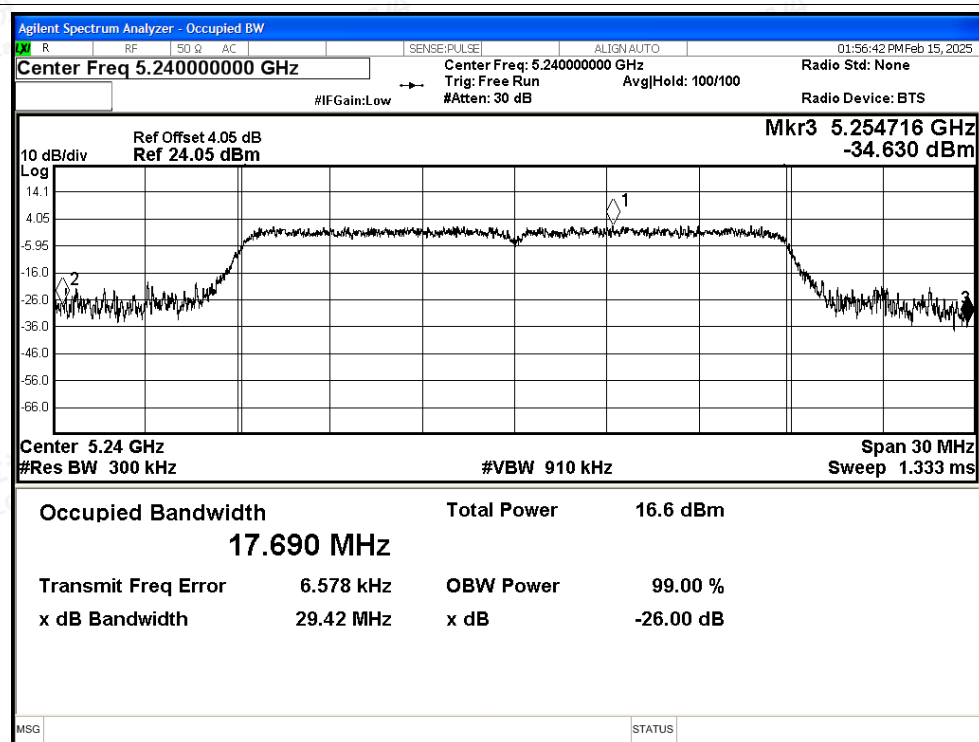
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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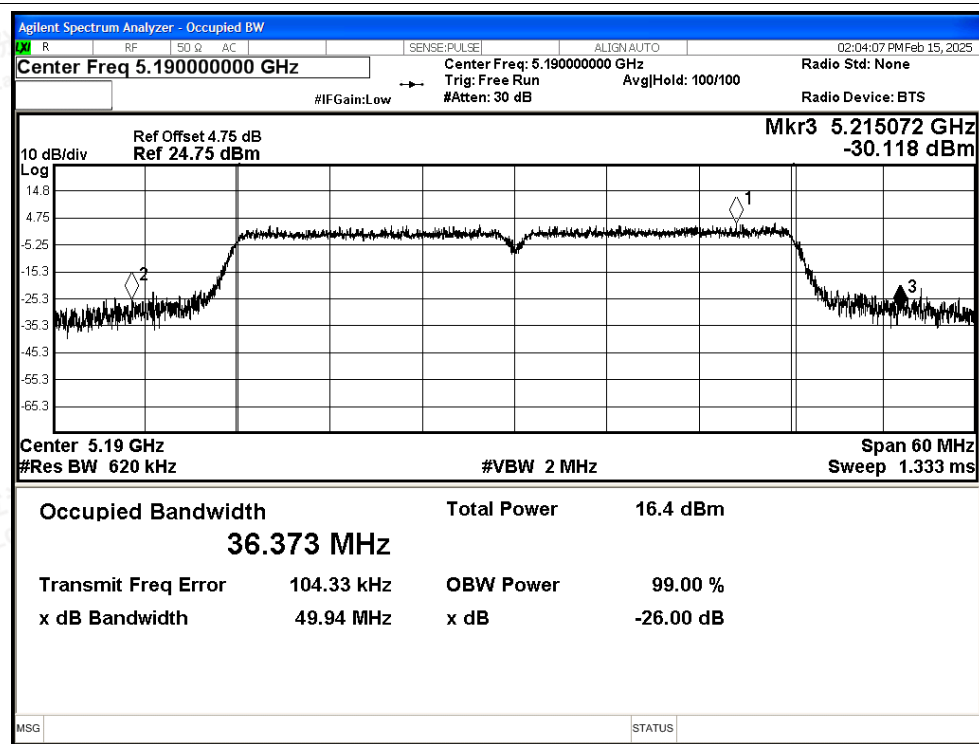
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5240MHz Ant2



-26dB Bandwidth NVNT ac40 5190MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

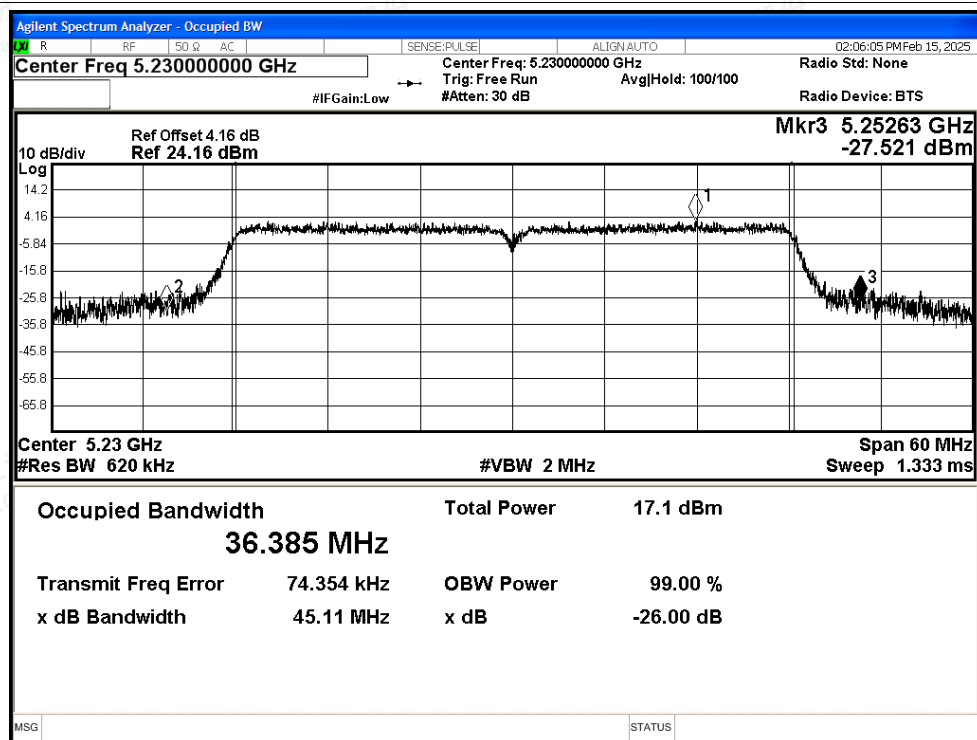
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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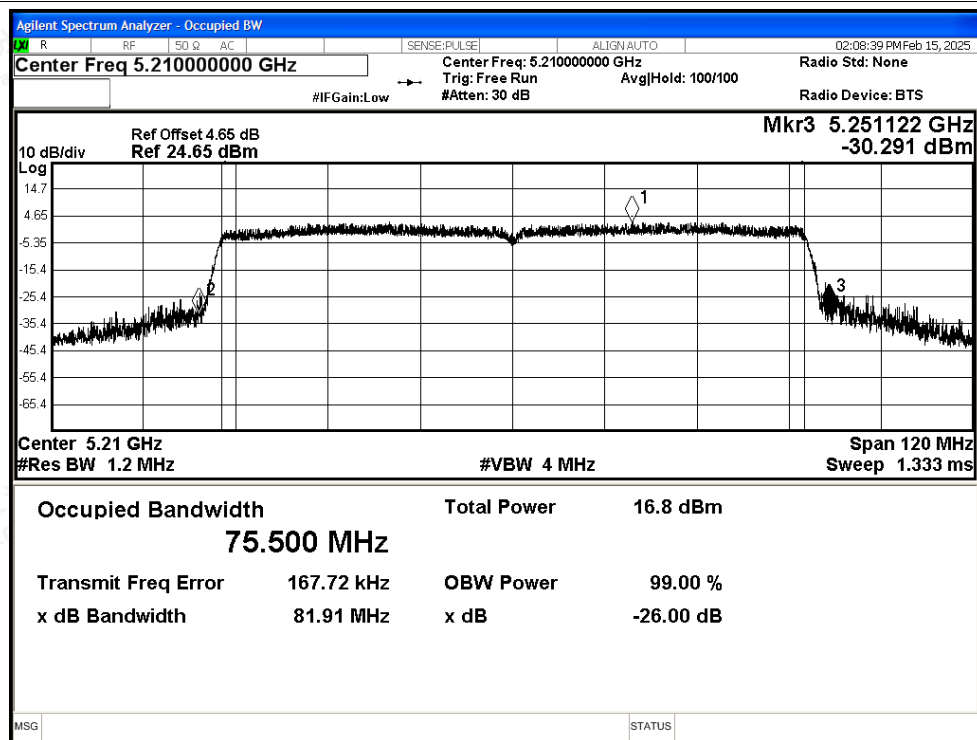
Scan code to check authenticity



-26dB Bandwidth NVNT ac40 5230MHz Ant2



-26dB Bandwidth NVNT ac80 5210MHz Ant2



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

Scan code to check authenticity



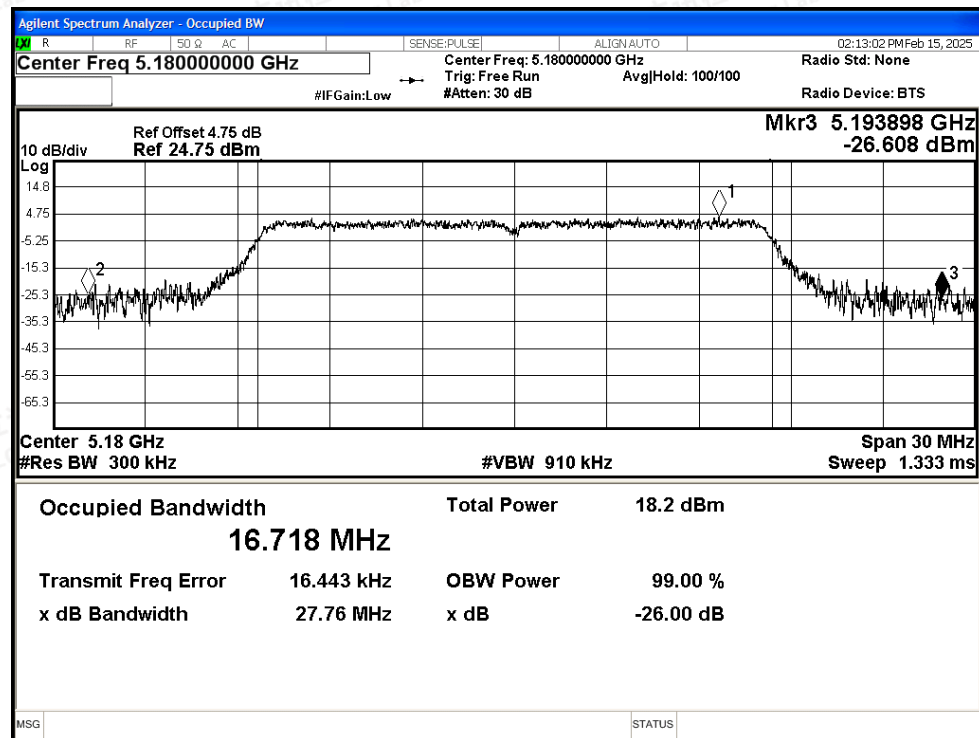
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant3	27.764	---	Pass
NVNT	a	5200	Ant3	26.728	---	Pass
NVNT	a	5240	Ant3	24.802	---	Pass
NVNT	n20	5180	Ant3	28.771	---	Pass
NVNT	n20	5200	Ant3	27.405	---	Pass
NVNT	n20	5240	Ant3	28.968	---	Pass
NVNT	n40	5190	Ant3	51.48	---	Pass
NVNT	n40	5230	Ant3	46.987	---	Pass
NVNT	ac20	5180	Ant3	27.986	---	Pass
NVNT	ac20	5200	Ant3	26.86	---	Pass
NVNT	ac20	5240	Ant3	29.251	---	Pass
NVNT	ac40	5190	Ant3	45.12	---	Pass
NVNT	ac40	5230	Ant3	47.053	---	Pass
NVNT	ac80	5210	Ant3	84.497	---	Pass



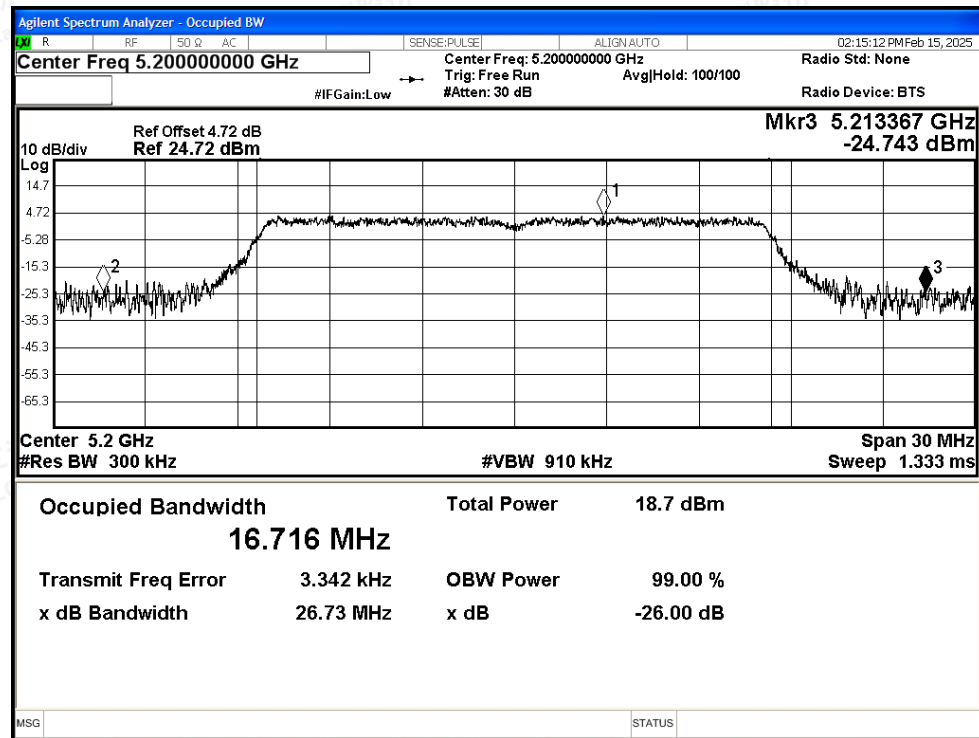


Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant3



-26dB Bandwidth NVNT a 5200MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

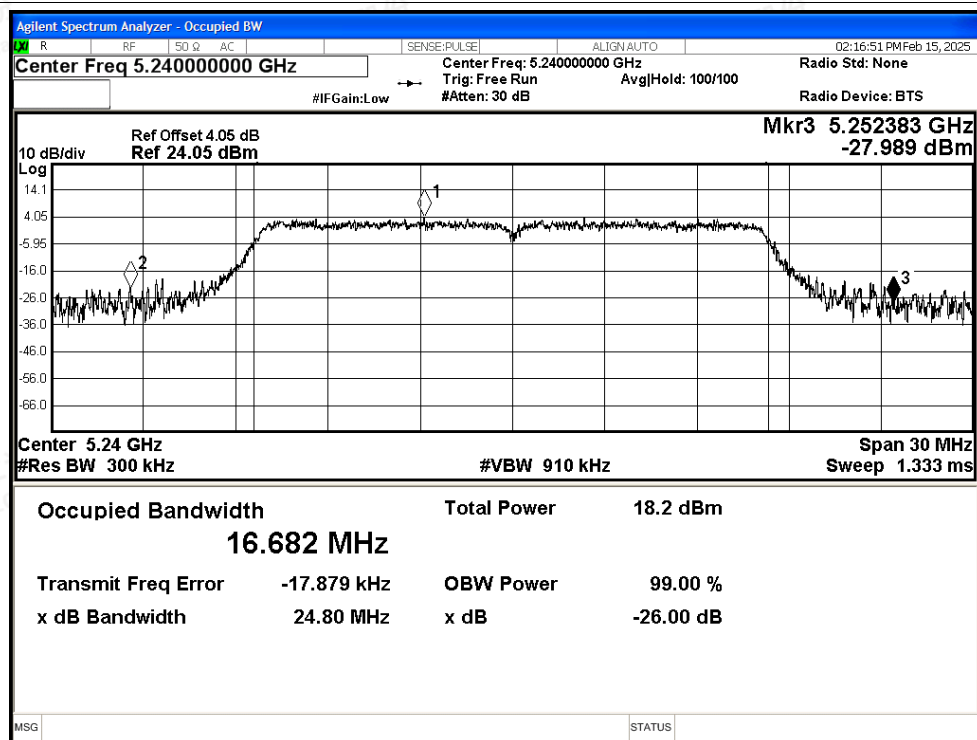
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

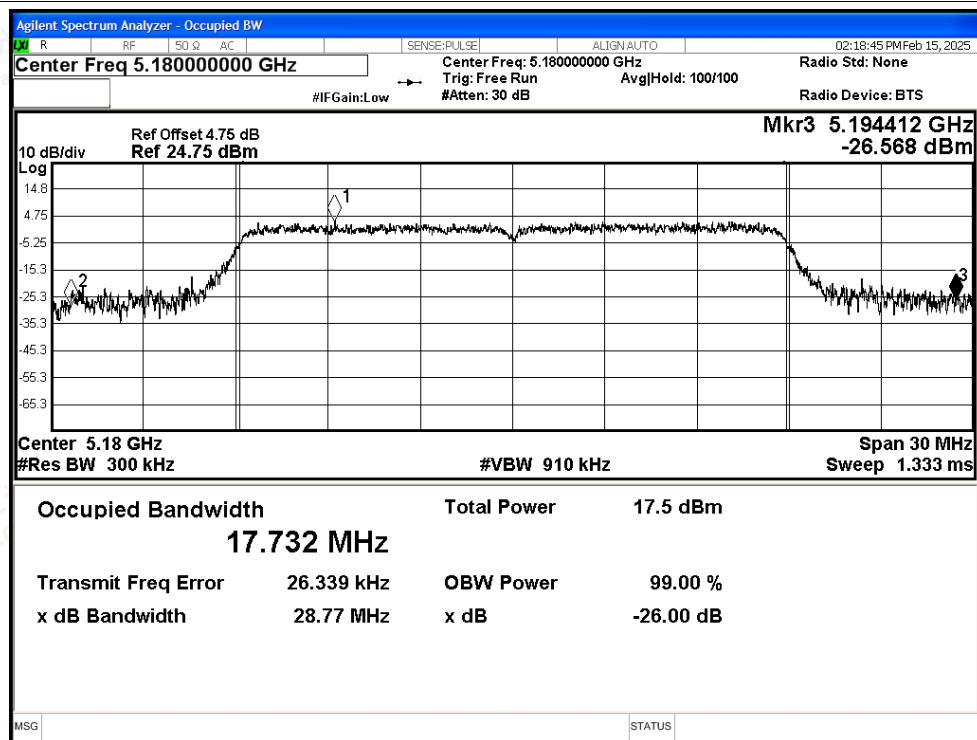
Scan code to check authenticity



-26dB Bandwidth NVNT a 5240MHz Ant3



-26dB Bandwidth NVNT n20 5180MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

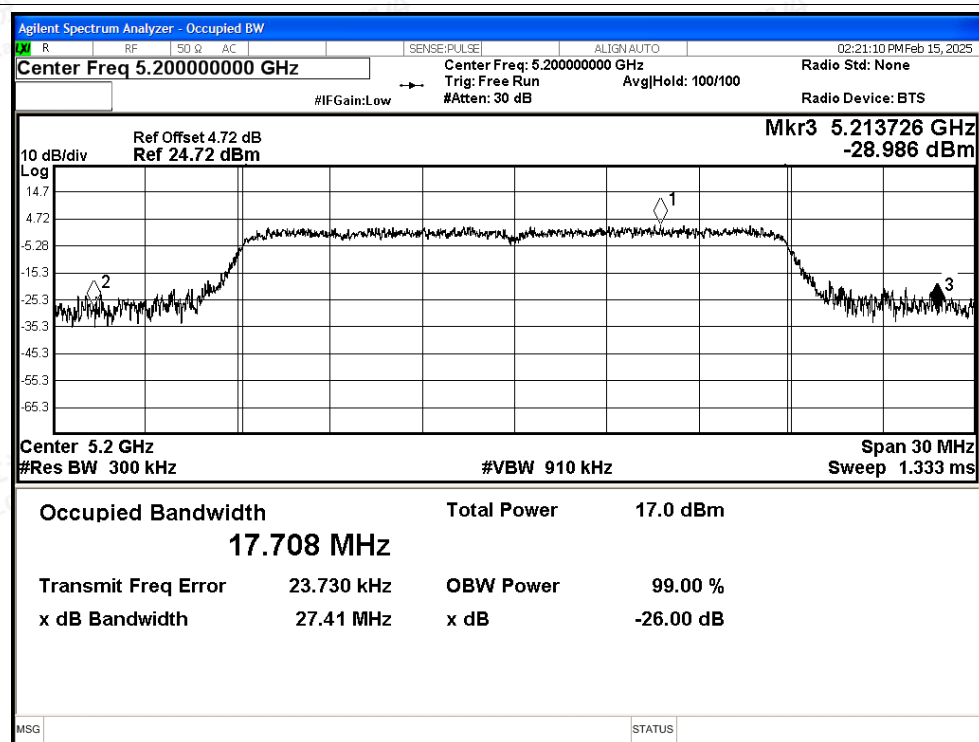
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

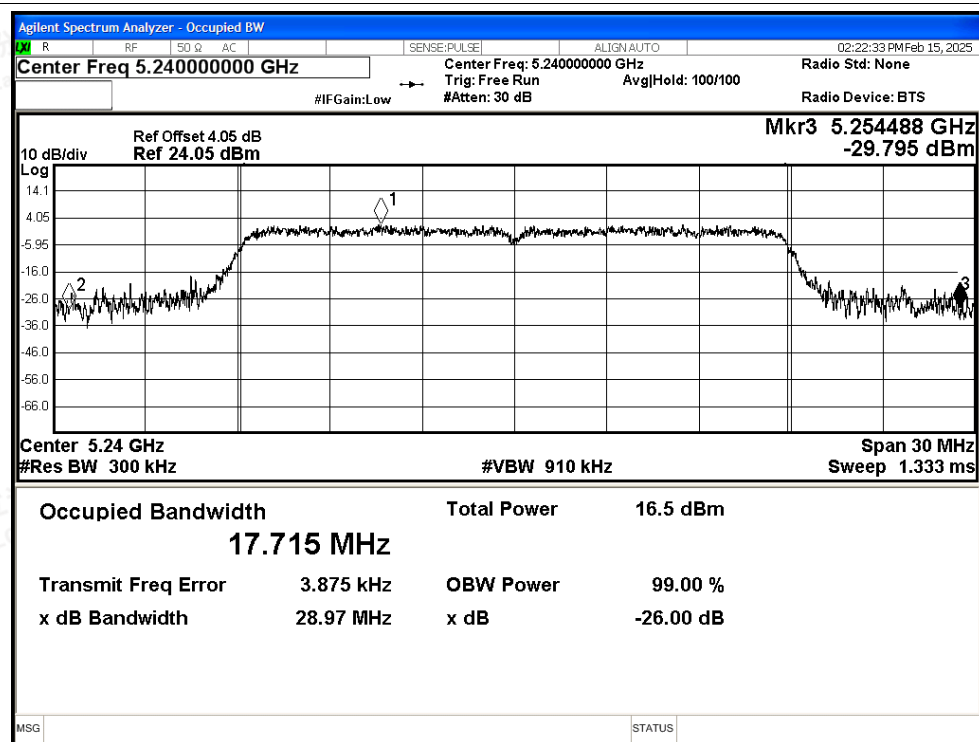
Scan code to check authenticity



-26dB Bandwidth NVNT n20 5200MHz Ant3



-26dB Bandwidth NVNT n20 5240MHz Ant3



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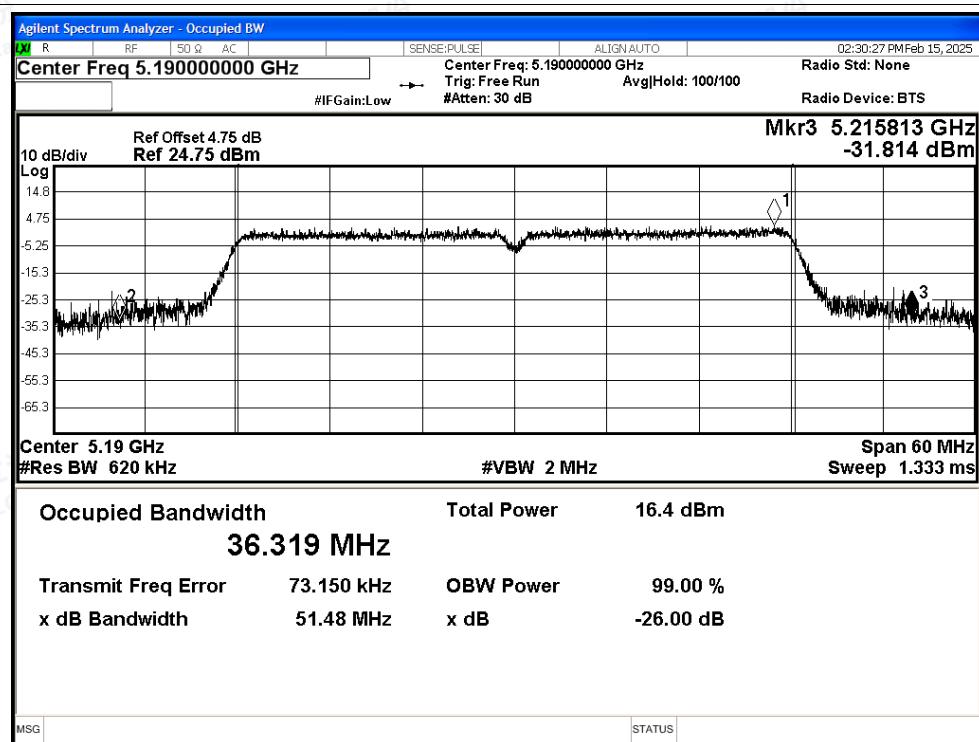
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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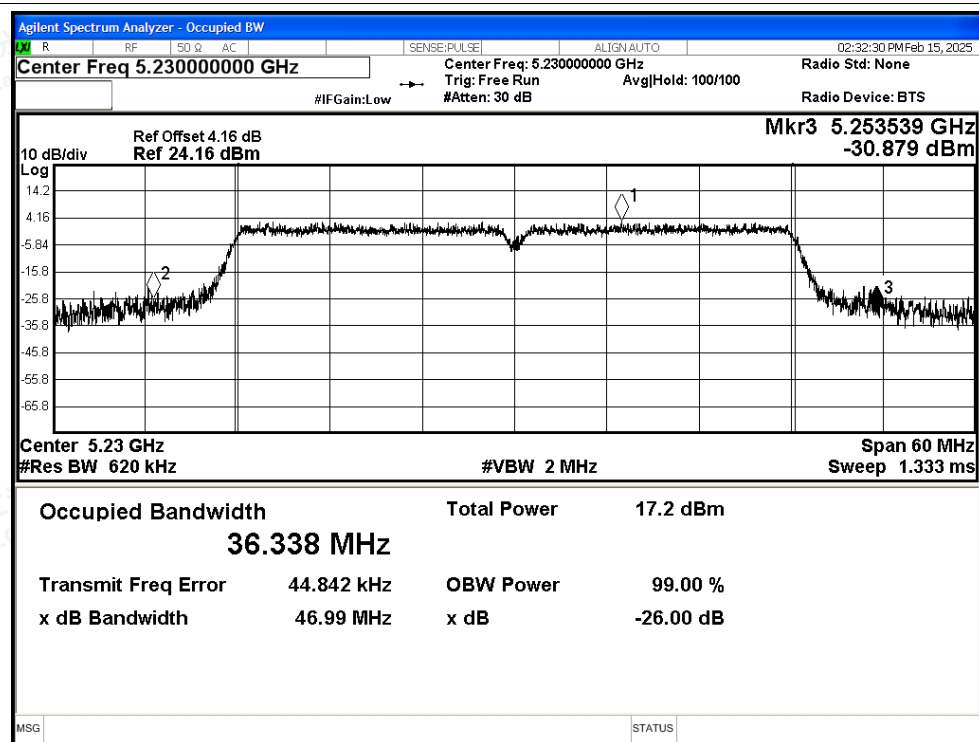
Scan code to check authenticity



-26dB Bandwidth NVNT n40 5190MHz Ant3



-26dB Bandwidth NVNT n40 5230MHz Ant3



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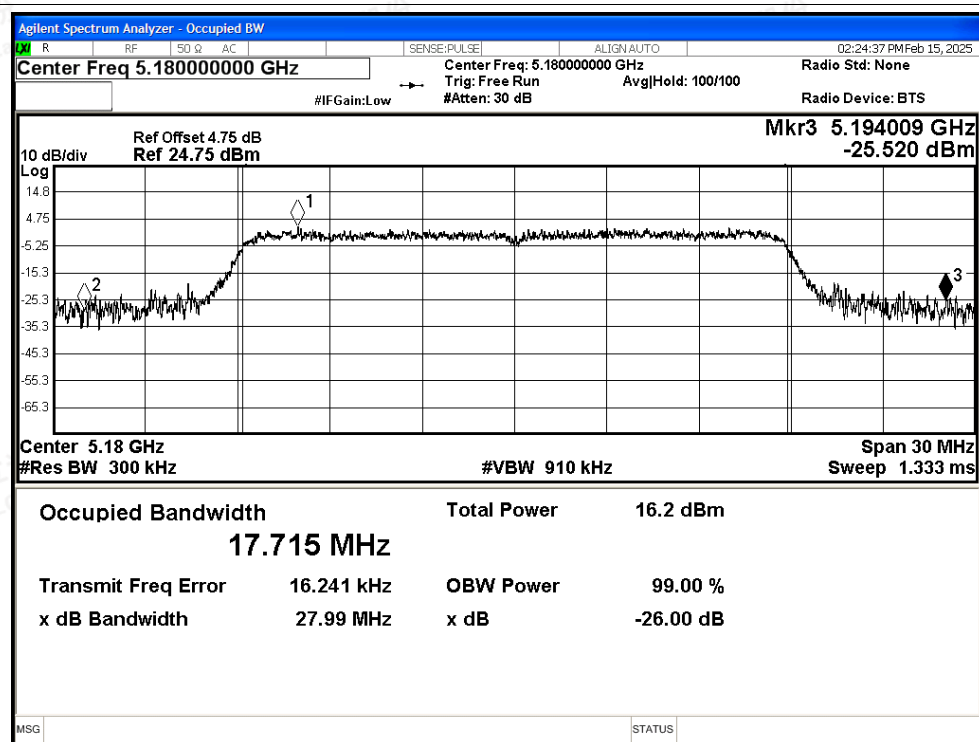
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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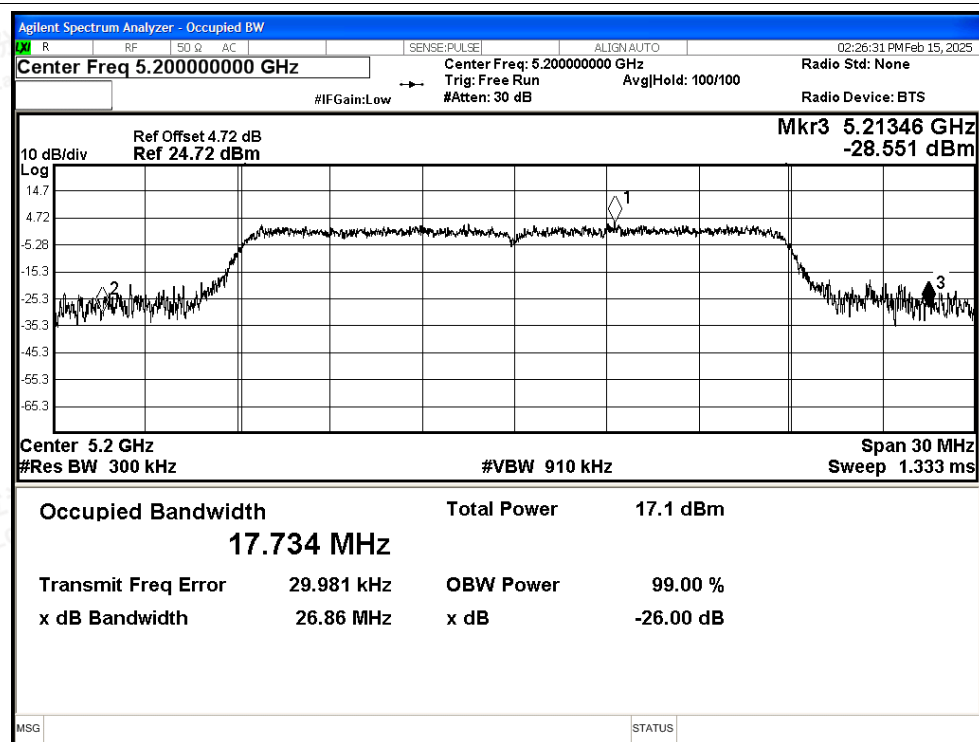
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5180MHz Ant3



-26dB Bandwidth NVNT ac20 5200MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

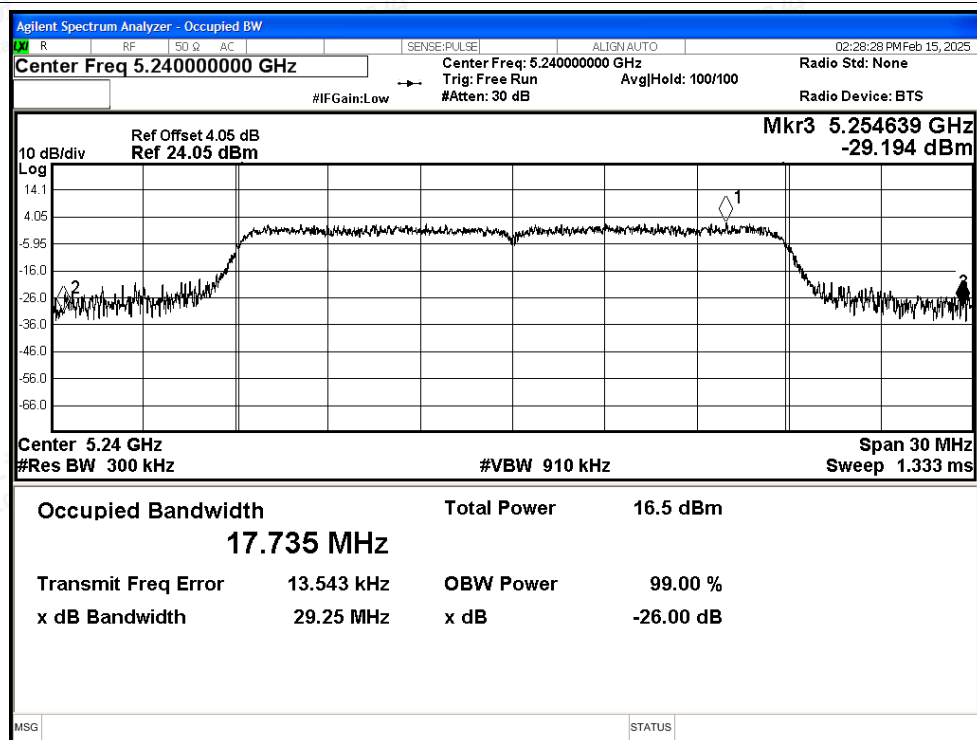
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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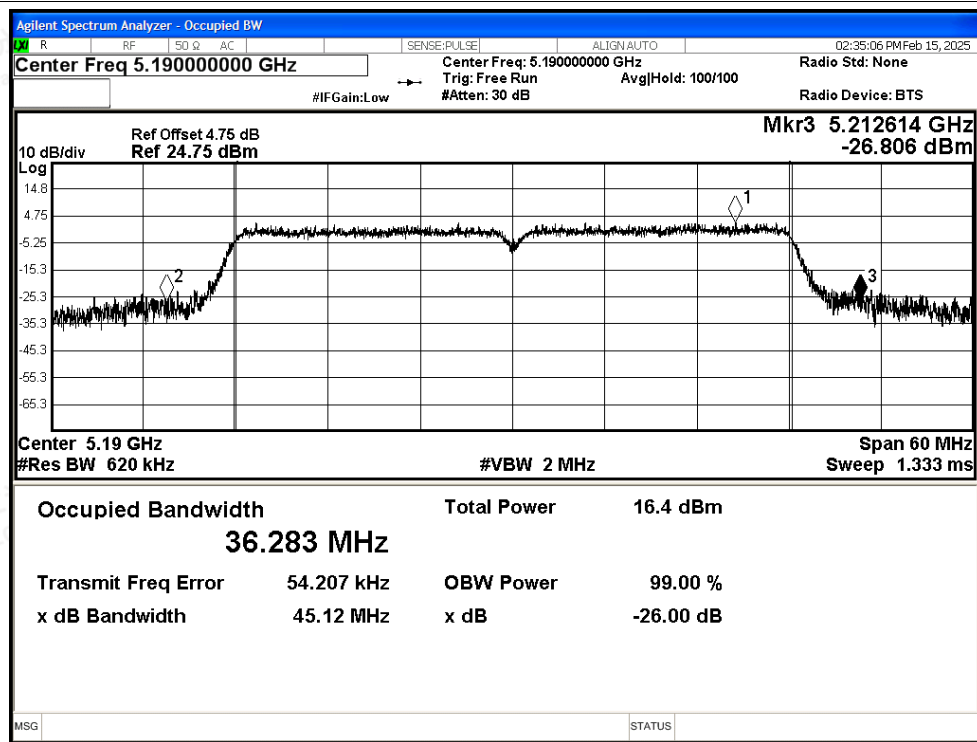
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5240MHz Ant3



-26dB Bandwidth NVNT ac40 5190MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

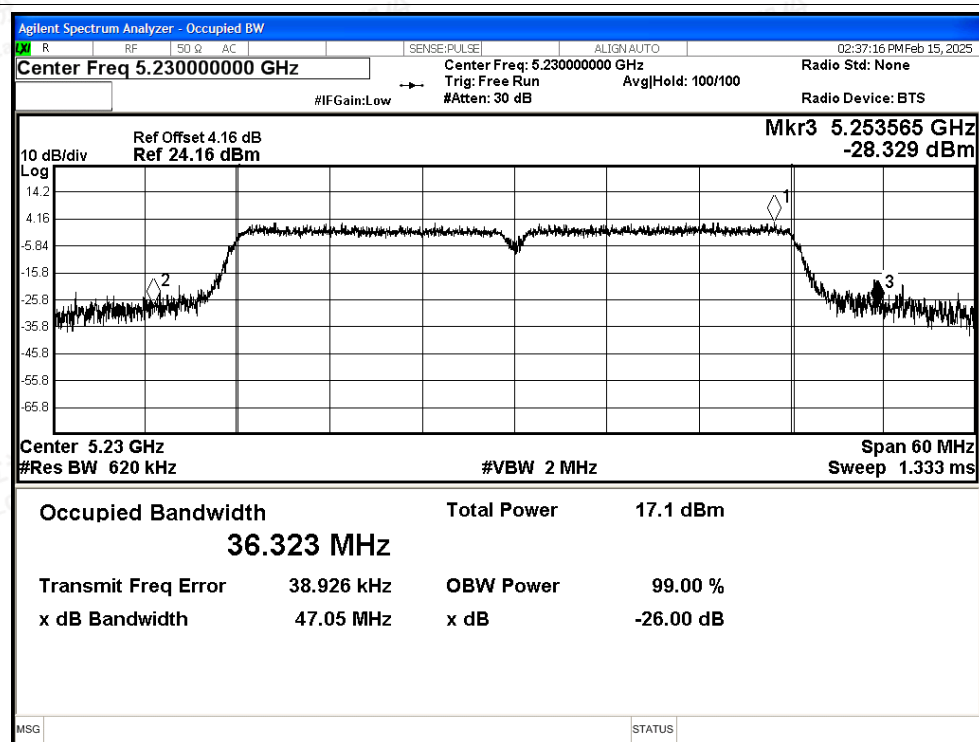
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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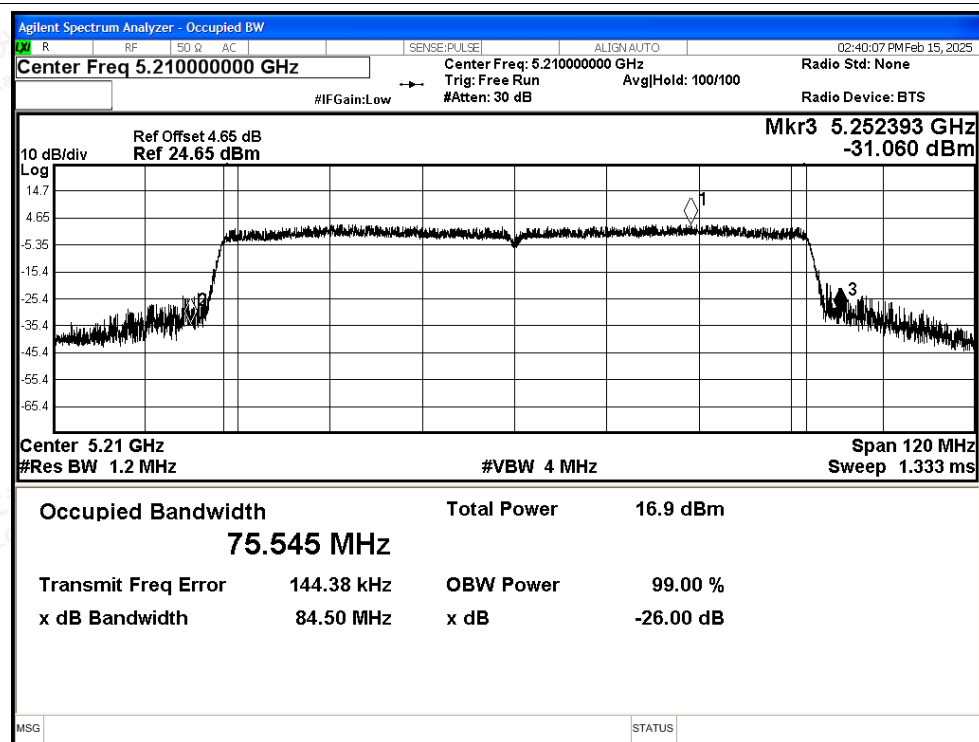
Scan code to check authenticity



-26dB Bandwidth NVNT ac40 5230MHz Ant3



-26dB Bandwidth NVNT ac80 5210MHz 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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Scan code to check authenticity



Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant4	27.24	---	Pass
NVNT	a	5200	Ant4	26.766	---	Pass
NVNT	a	5240	Ant4	26.907	---	Pass
NVNT	n20	5180	Ant4	28.778	---	Pass
NVNT	n20	5200	Ant4	29.549	---	Pass
NVNT	n20	5240	Ant4	28.073	---	Pass
NVNT	n40	5190	Ant4	52.015	---	Pass
NVNT	n40	5230	Ant4	43.477	---	Pass
NVNT	ac20	5180	Ant4	27.608	---	Pass
NVNT	ac20	5200	Ant4	28.786	---	Pass
NVNT	ac20	5240	Ant4	28.484	---	Pass
NVNT	ac40	5190	Ant4	52.532	---	Pass
NVNT	ac40	5230	Ant4	45.042	---	Pass
NVNT	ac80	5210	Ant4	84.352	---	Pass



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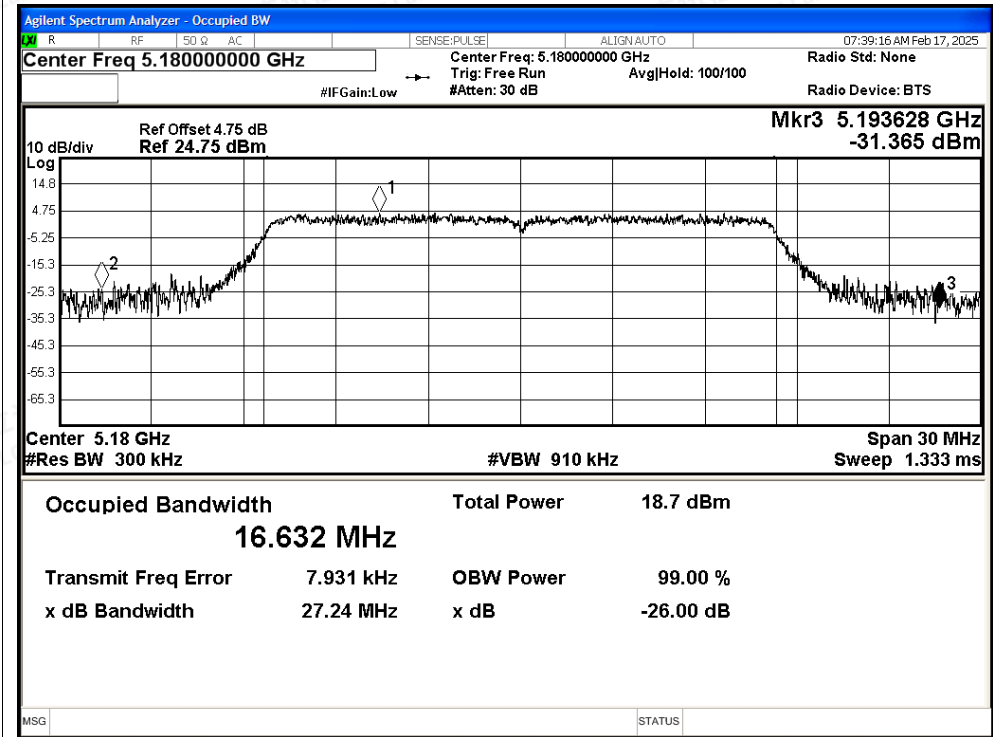
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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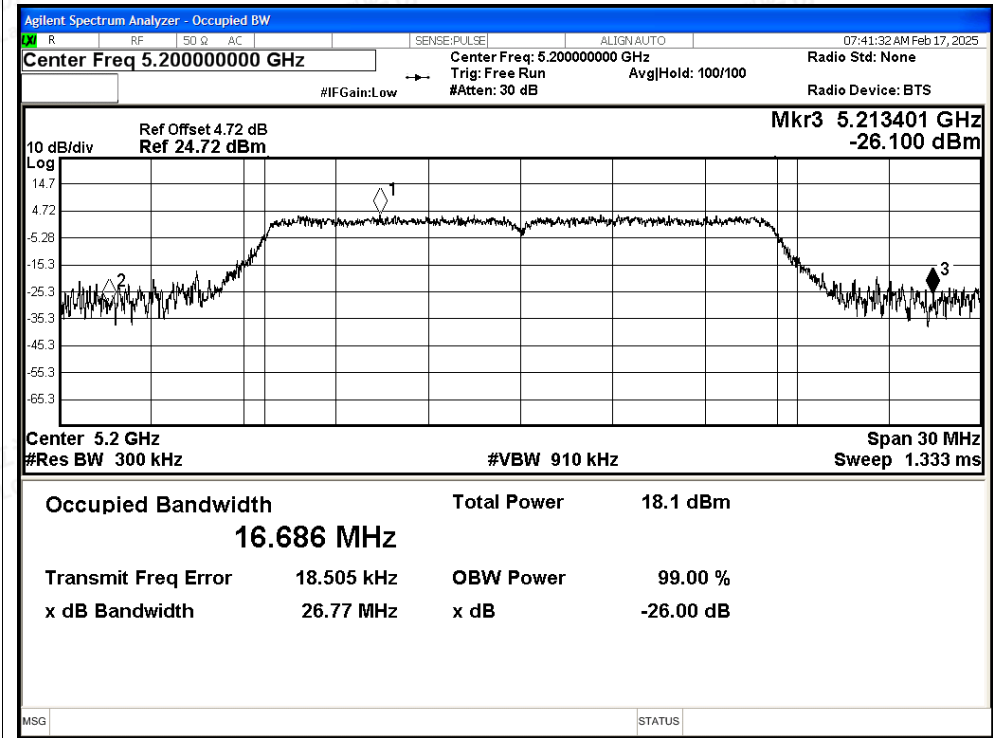


Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant4

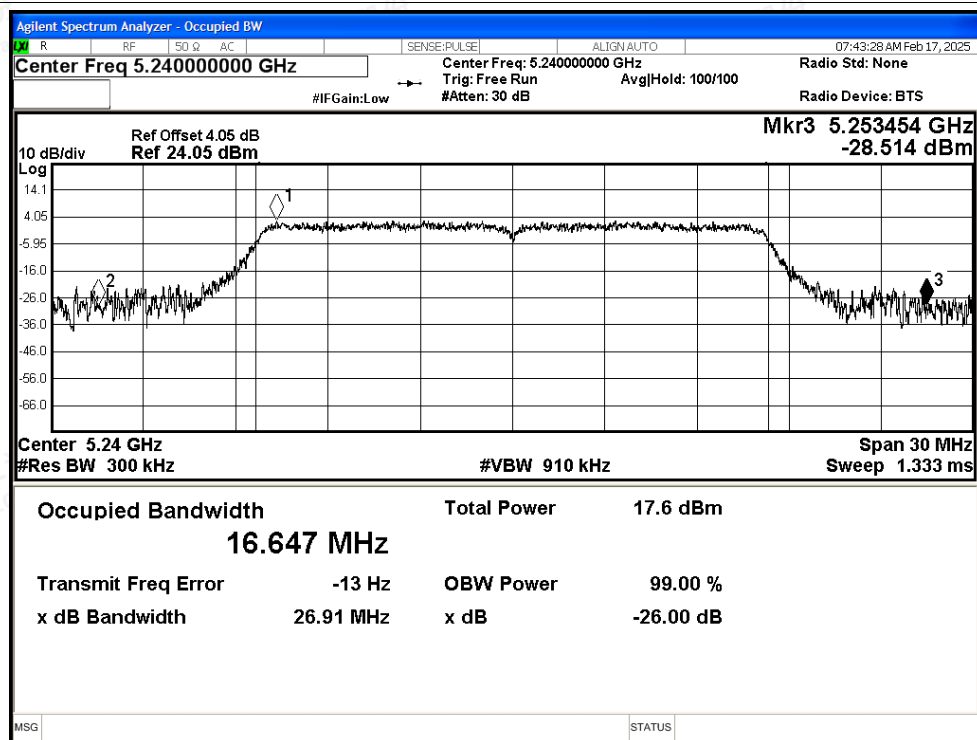


-26dB Bandwidth NVNT a 5200MHz Ant4

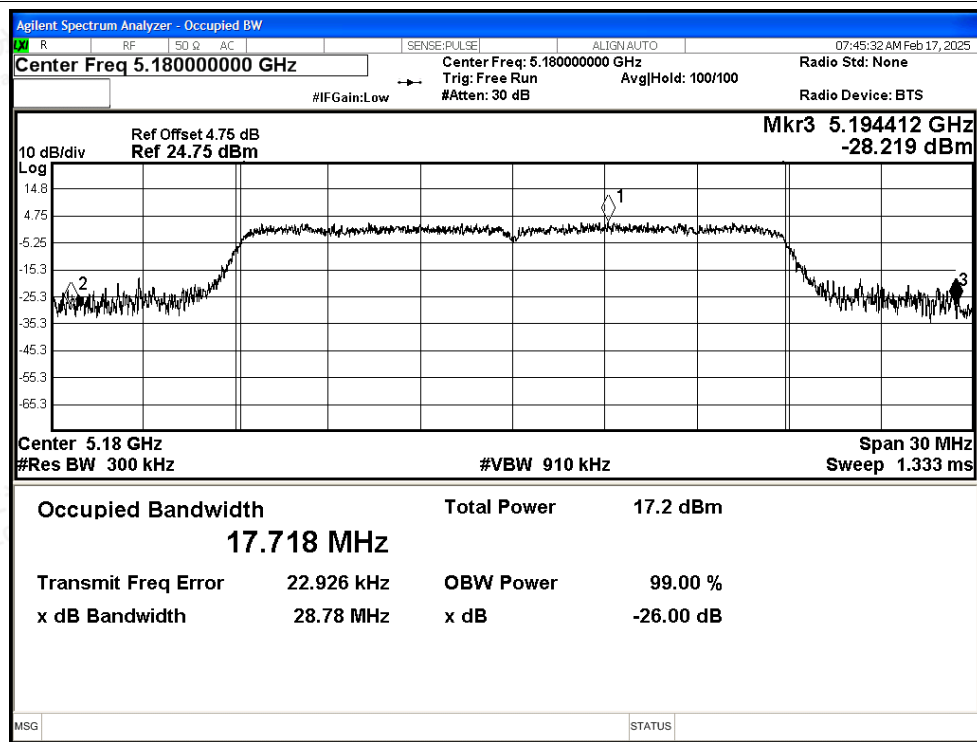




-26dB Bandwidth NVNT a 5240MHz Ant4



-26dB Bandwidth NVNT n20 5180MHz Ant4



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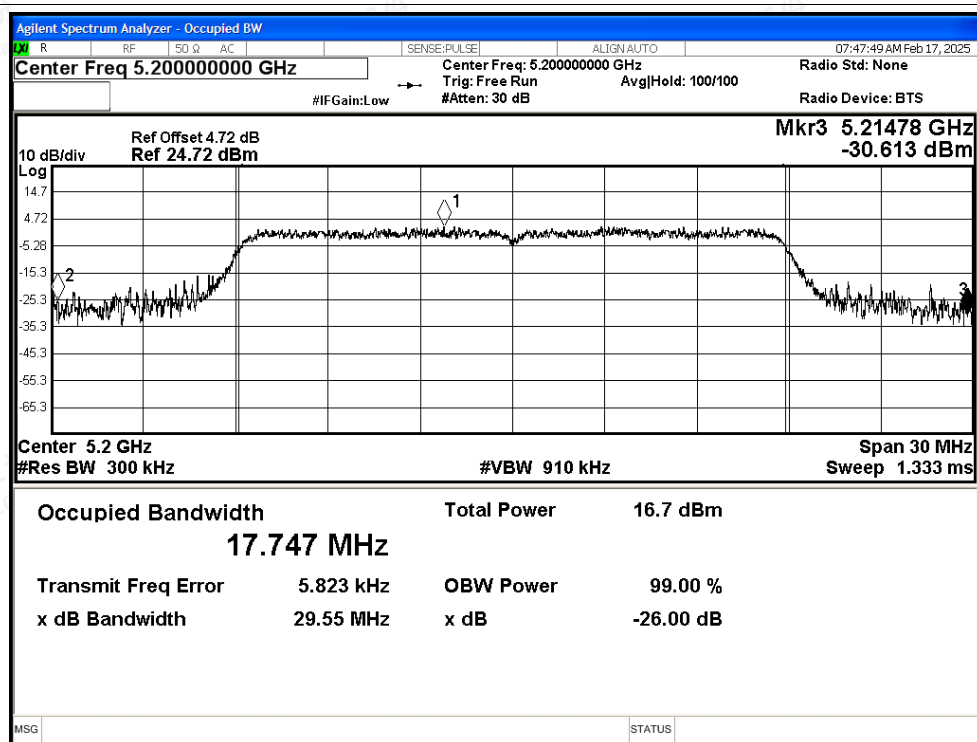
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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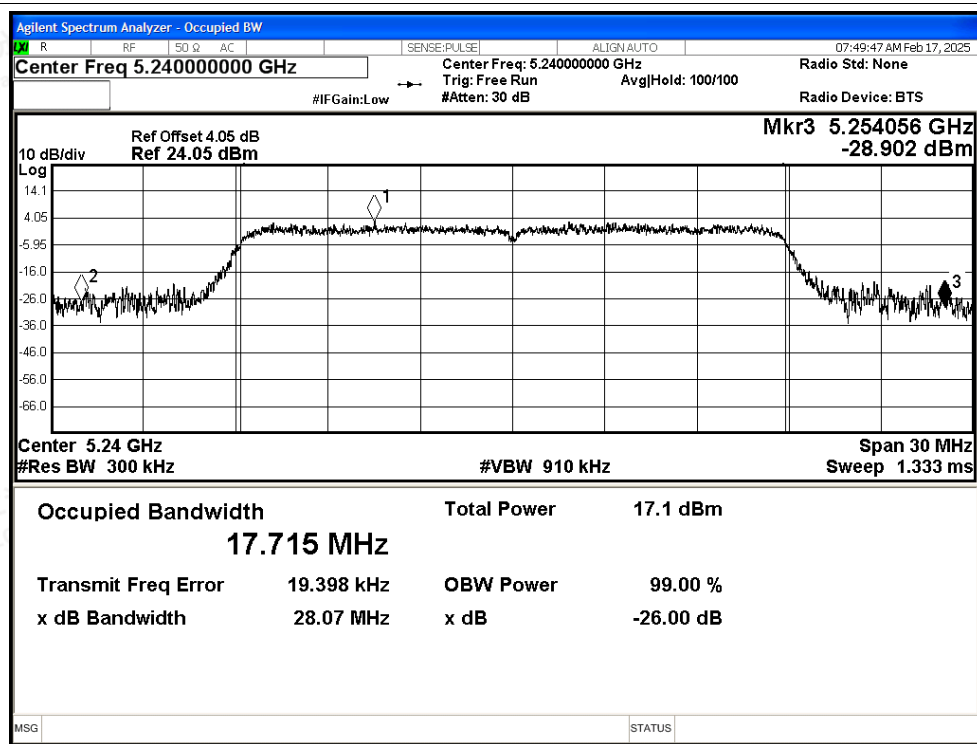
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-26dB Bandwidth NVNT n20 5200MHz Ant4



-26dB Bandwidth NVNT n20 5240MHz Ant4



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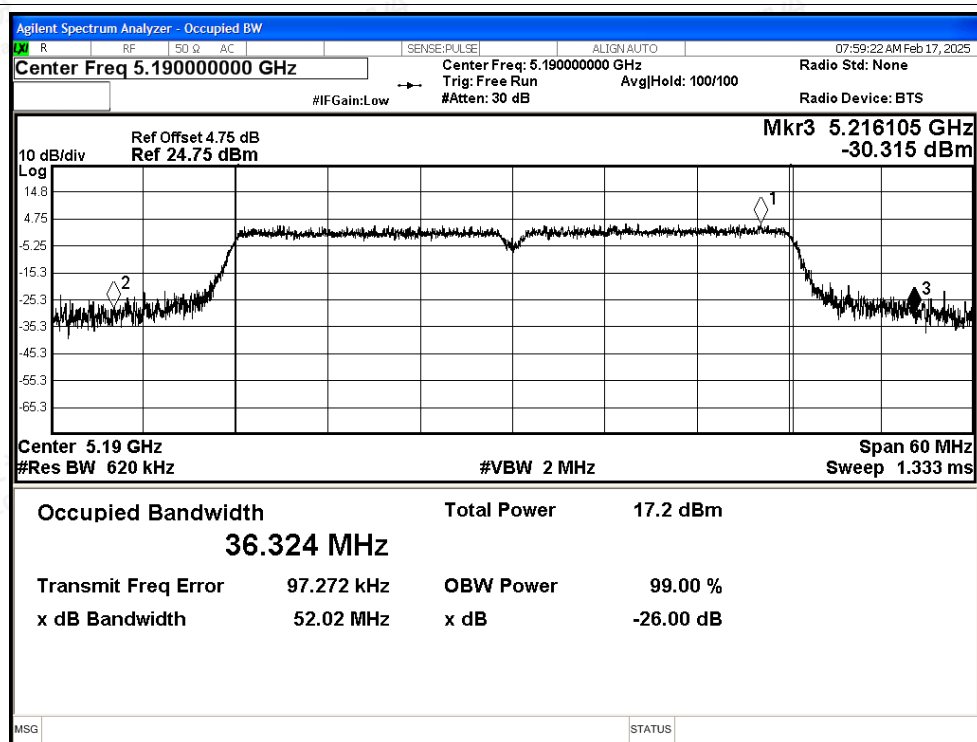
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

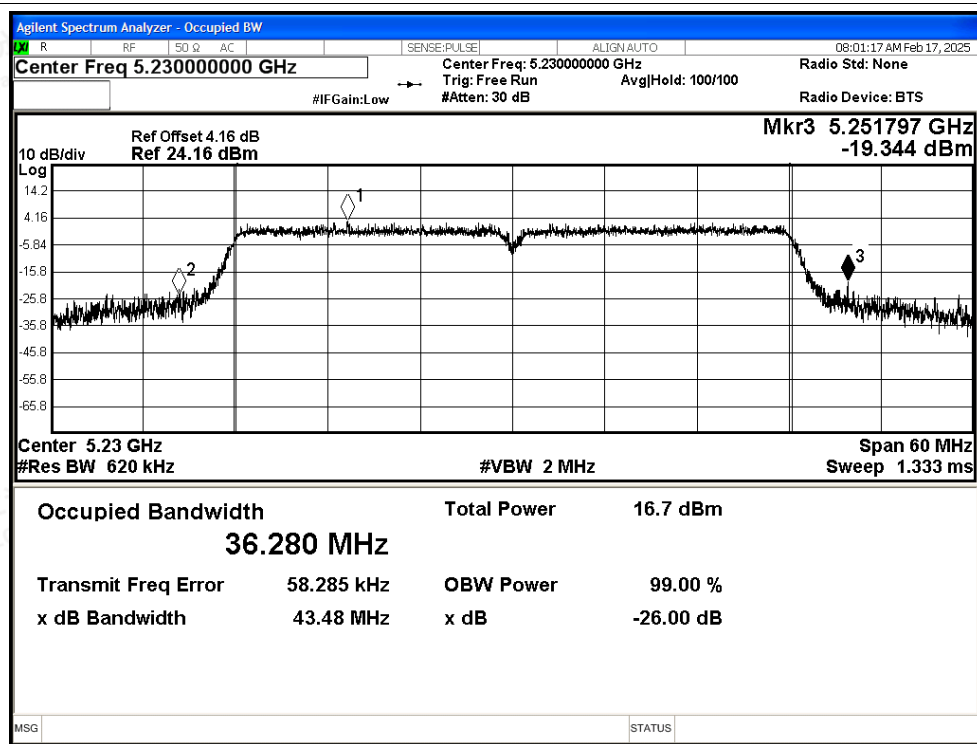
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-26dB Bandwidth NVNT n40 5190MHz Ant4



-26dB Bandwidth NVNT n40 5230MHz Ant4



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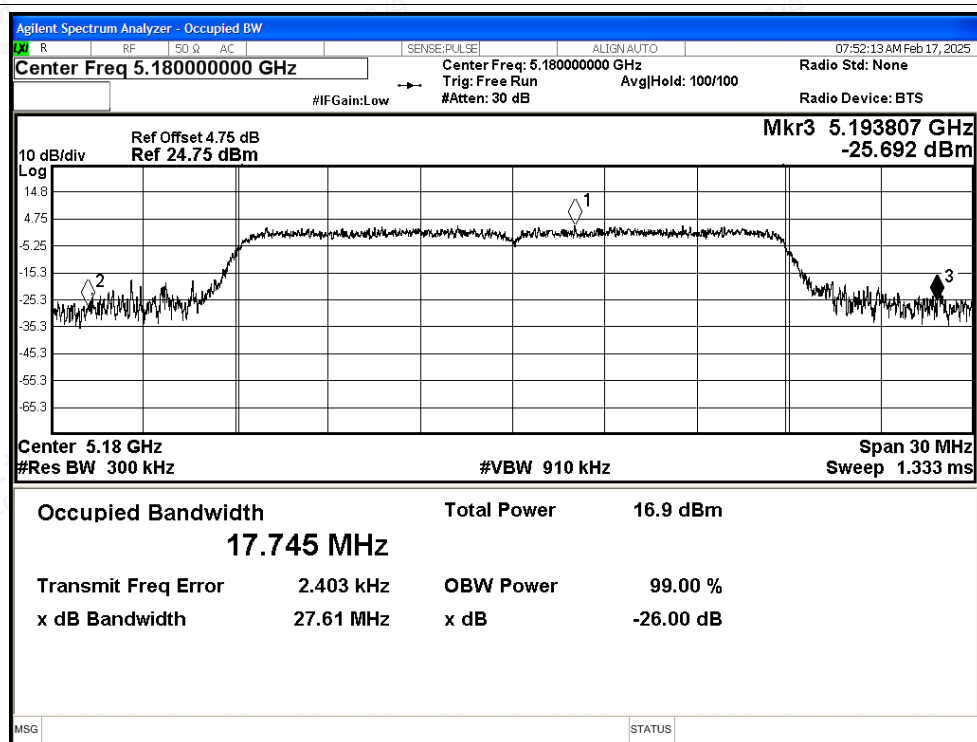
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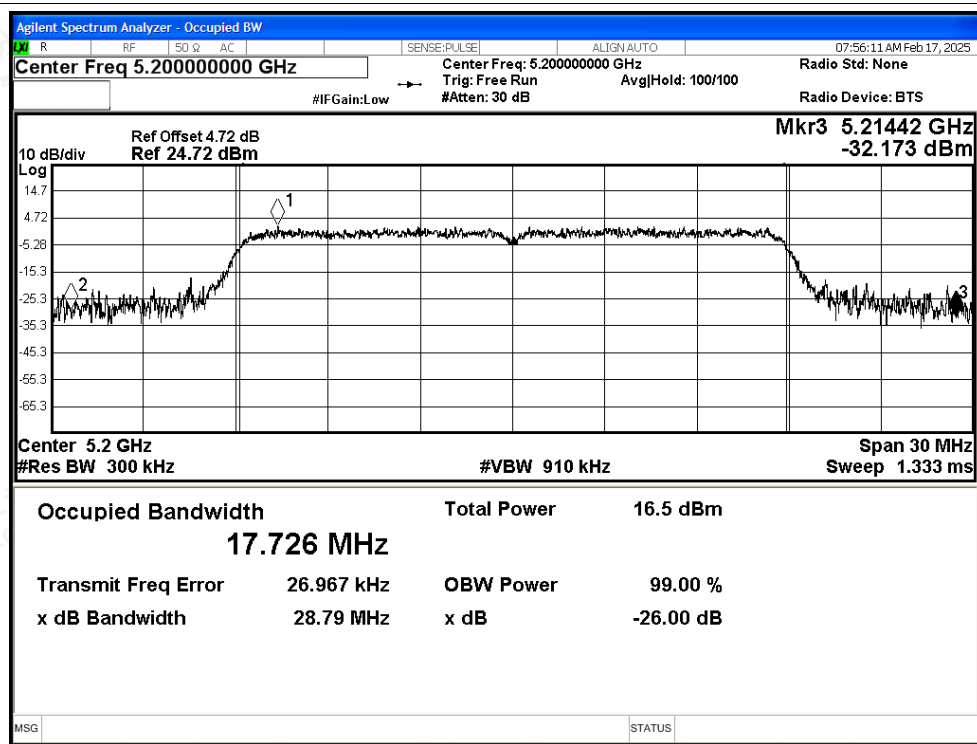
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-26dB Bandwidth NVNT ac20 5180MHz Ant4



-26dB Bandwidth NVNT ac20 5200MHz Ant4



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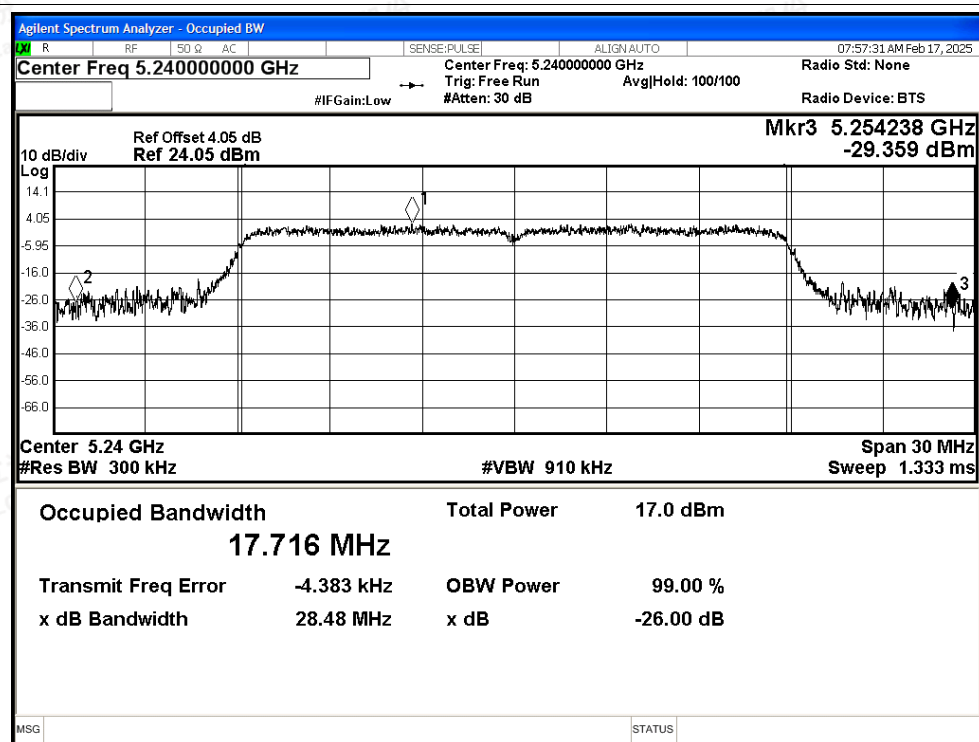
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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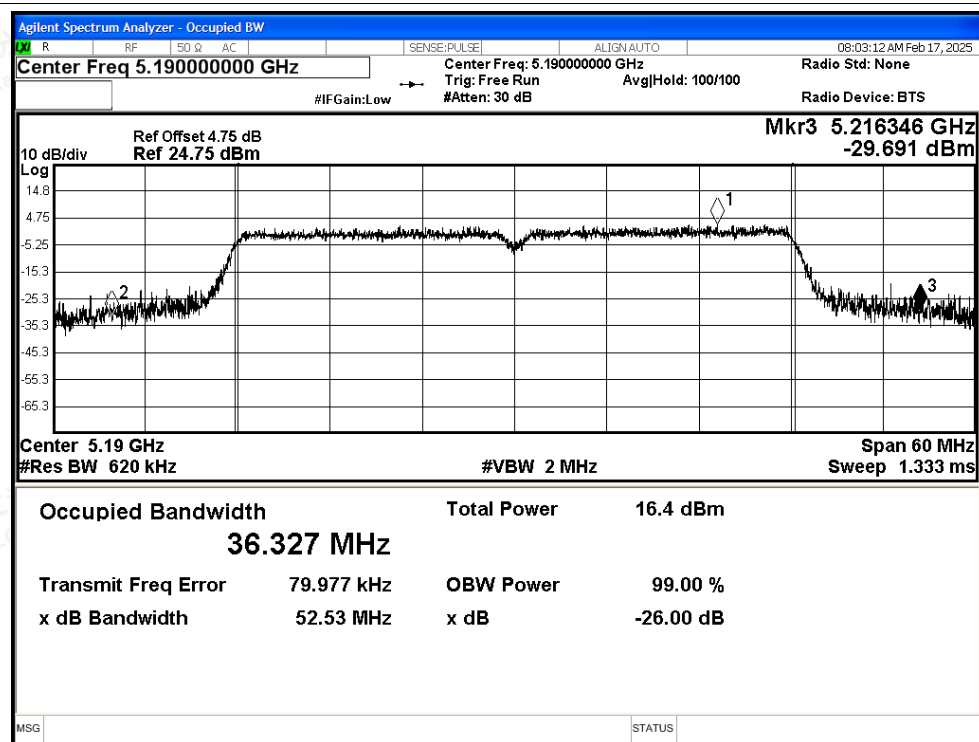
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-26dB Bandwidth NVNT ac20 5240MHz Ant4



-26dB Bandwidth NVNT ac40 5190MHz Ant4



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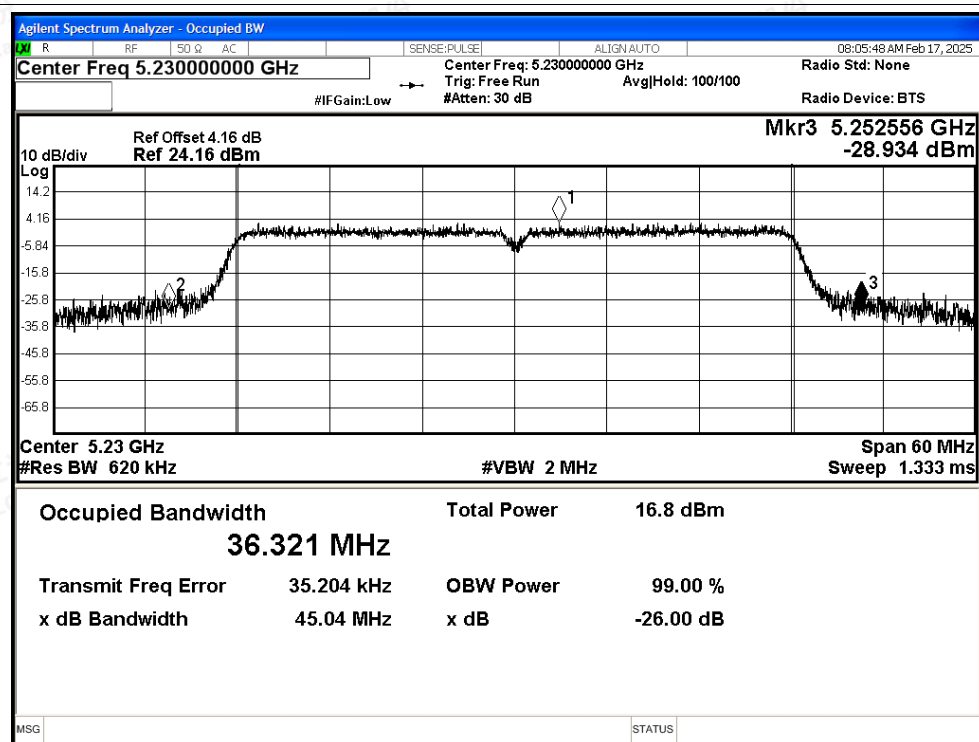
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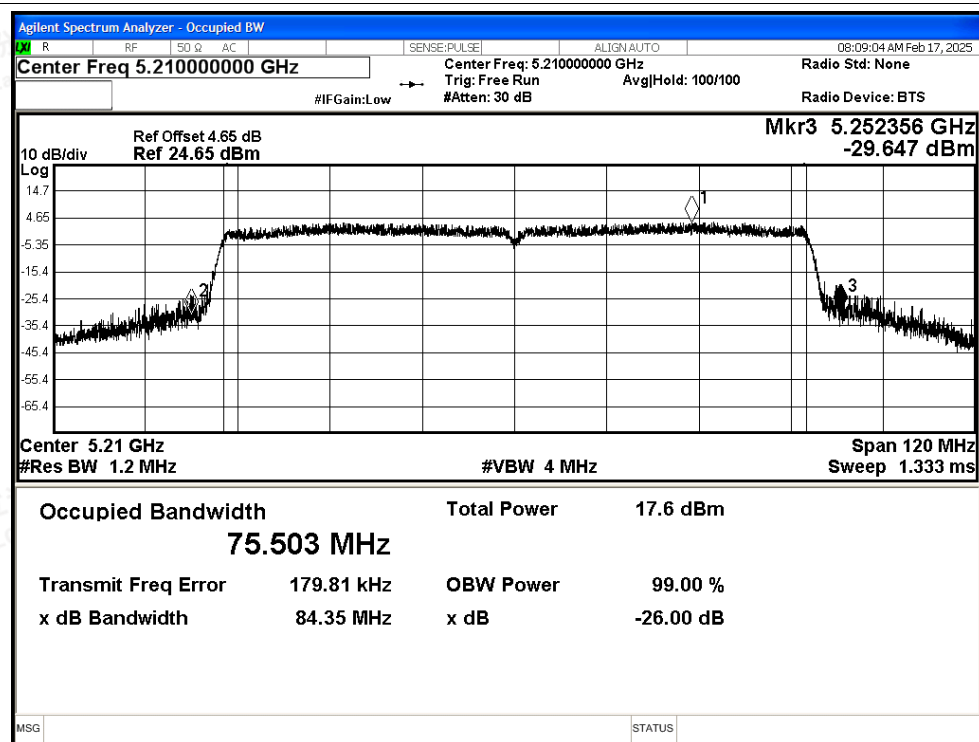
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-26dB Bandwidth NVNT ac40 5230MHz Ant4



-26dB Bandwidth NVNT ac80 5210MHz Ant4



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D.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	12.85	0.24	13.09	24	Pass
NVNT	a	5200	Ant1	12.65	0.24	12.89	24	Pass
NVNT	a	5240	Ant1	12.07	0.24	12.31	24	Pass
NVNT	n20	5180	Ant1	11.88	0.12	12	24	Pass
NVNT	n20	5200	Ant1	11.48	0.12	11.6	24	Pass
NVNT	n20	5240	Ant1	10.81	0.12	10.93	24	Pass
NVNT	n40	5190	Ant1	11.44	0.24	11.68	24	Pass
NVNT	n40	5230	Ant1	10.73	0.24	10.97	24	Pass
NVNT	ac20	5180	Ant1	11.96	0.12	12.08	24	Pass
NVNT	ac20	5200	Ant1	11.52	0.12	11.64	24	Pass
NVNT	ac20	5240	Ant1	11.86	0.12	11.98	24	Pass
NVNT	ac40	5190	Ant1	10.18	0.24	10.42	24	Pass
NVNT	ac40	5230	Ant1	10.93	0.24	11.17	24	Pass
NVNT	ac80	5210	Ant1	9.72	0.25	9.97	24	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant2	12.5	0.24	12.74	24	Pass
NVNT	a	5200	Ant2	12.07	0.24	12.31	24	Pass
NVNT	a	5240	Ant2	12.44	0.24	12.68	24	Pass
NVNT	n20	5180	Ant2	11.91	0.12	12.03	24	Pass
NVNT	n20	5200	Ant2	11.5	0.12	11.62	24	Pass
NVNT	n20	5240	Ant2	10.96	0.12	11.08	24	Pass
NVNT	n40	5190	Ant2	10.22	0.24	10.46	24	Pass
NVNT	n40	5230	Ant2	10.8	0.24	11.04	24	Pass
NVNT	ac20	5180	Ant2	11.94	0.12	12.06	24	Pass
NVNT	ac20	5200	Ant2	11.47	0.12	11.59	24	Pass
NVNT	ac20	5240	Ant2	10.92	0.12	11.04	24	Pass
NVNT	ac40	5190	Ant2	10.17	0.24	10.41	24	Pass
NVNT	ac40	5230	Ant2	10.75	0.24	10.99	24	Pass
NVNT	ac80	5210	Ant2	9.69	0.25	9.94	24	Pass





MIMO

Condition	Mode	Frequency (MHz)	Total Power (dBm)			Limit (dBm)	Verdict
			Ant1	Ant2	Ant1+Ant2		
NVNT	n20	5180	12	12.03	15.03	24	Pass
NVNT	n20	5200	11.6	11.62	14.62	24	Pass
NVNT	n20	5240	10.93	11.08	14.02	24	Pass
NVNT	n40	5190	11.68	10.46	14.12	24	Pass
NVNT	n40	5230	10.97	11.04	14.02	24	Pass
NVNT	ac20	5180	12.08	12.06	15.08	24	Pass
NVNT	ac20	5200	11.64	11.59	14.63	24	Pass
NVNT	ac20	5240	11.98	11.04	14.55	24	Pass
NVNT	ac40	5190	10.42	10.41	13.43	24	Pass
NVNT	ac40	5230	11.17	10.99	14.09	24	Pass
NVNT	ac80	5210	9.97	9.94	12.97	24	Pass



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Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant3	12.5	0.24	12.74	24	Pass
NVNT	a	5200	Ant3	12.06	0.24	12.3	24	Pass
NVNT	a	5240	Ant3	12.42	0.24	12.66	24	Pass
NVNT	n20	5180	Ant3	11.97	0.12	12.09	24	Pass
NVNT	n20	5200	Ant3	11.52	0.12	11.64	24	Pass
NVNT	n20	5240	Ant3	10.89	0.12	11.01	24	Pass
NVNT	n40	5190	Ant3	10.19	0.23	10.42	24	Pass
NVNT	n40	5230	Ant3	10.81	0.24	11.05	24	Pass
NVNT	ac20	5180	Ant3	10.7	0.12	10.82	24	Pass
NVNT	ac20	5200	Ant3	11.55	0.12	11.67	24	Pass
NVNT	ac20	5240	Ant3	11	0.12	11.12	24	Pass
NVNT	ac40	5190	Ant3	10.12	0.24	10.36	24	Pass
NVNT	ac40	5230	Ant3	10.76	0.24	11	24	Pass
NVNT	ac80	5210	Ant3	9.55	0.47	10.02	24	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant4	11.89	0.24	12.13	24	Pass
NVNT	a	5200	Ant4	12.42	0.24	12.66	24	Pass
NVNT	a	5240	Ant4	11.86	0.24	12.1	24	Pass
NVNT	n20	5180	Ant4	11.66	0.12	11.78	24	Pass
NVNT	n20	5200	Ant4	11.24	0.12	11.36	24	Pass
NVNT	n20	5240	Ant4	11.62	0.12	11.74	24	Pass
NVNT	n40	5190	Ant4	10.92	0.23	11.15	24	Pass
NVNT	n40	5230	Ant4	10.47	0.24	10.71	24	Pass
NVNT	ac20	5180	Ant4	11.54	0.12	11.66	24	Pass
NVNT	ac20	5200	Ant4	11.06	0.12	11.18	24	Pass
NVNT	ac20	5240	Ant4	11.56	0.12	11.68	24	Pass
NVNT	ac40	5190	Ant4	10.06	0.24	10.3	24	Pass
NVNT	ac40	5230	Ant4	10.46	0.24	10.7	24	Pass
NVNT	ac80	5210	Ant4	10.37	0.25	10.62	24	Pass



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Condition	Mode	Frequency (MHz)	Total Power (dBm)			Limit (dBm)	Verdict
			Ant3	Ant4	Ant3+Ant4		
NVNT	n20	5180	12.09	11.78	14.95	24	Pass
NVNT	n20	5200	11.64	11.36	14.51	24	Pass
NVNT	n20	5240	11.01	11.74	14.40	24	Pass
NVNT	n40	5190	10.42	11.15	13.81	24	Pass
NVNT	n40	5230	11.05	10.71	13.89	24	Pass
NVNT	ac20	5180	10.82	11.66	14.27	24	Pass
NVNT	ac20	5200	11.67	11.18	14.44	24	Pass
NVNT	ac20	5240	11.12	11.68	14.42	24	Pass
NVNT	ac40	5190	10.36	10.3	13.34	24	Pass
NVNT	ac40	5230	11	10.7	13.86	24	Pass
NVNT	ac80	5210	10.02	10.62	13.34	24	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	Ant1	2.24	0.24	2.48	11	Pass
NVNT	a	5200	Ant1	2.11	0.24	2.35	11	Pass
NVNT	a	5240	Ant1	1.53	0.24	1.77	11	Pass
NVNT	n20	5180	Ant1	1.17	0.12	1.29	11	Pass
NVNT	n20	5200	Ant1	0.87	0.12	0.99	11	Pass
NVNT	n20	5240	Ant1	0.01	0.12	0.13	11	Pass
NVNT	n40	5190	Ant1	-2.1	0.24	-1.86	11	Pass
NVNT	n40	5230	Ant1	-3.1	0.24	-2.86	11	Pass
NVNT	ac20	5180	Ant1	1.5	0.12	1.62	11	Pass
NVNT	ac20	5200	Ant1	0.79	0.12	0.91	11	Pass
NVNT	ac20	5240	Ant1	0.92	0.12	1.04	11	Pass
NVNT	ac40	5190	Ant1	-3	0.24	-2.76	11	Pass
NVNT	ac40	5230	Ant1	-2.92	0.24	-2.68	11	Pass
NVNT	ac80	5210	Ant1	-6.69	0.25	-6.44	11	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	Ant2	2.12	0.24	2.36	11	Pass
NVNT	a	5200	Ant2	2.37	0.24	2.61	11	Pass
NVNT	a	5240	Ant2	2.1	0.24	2.34	11	Pass
NVNT	n20	5180	Ant2	1.14	0.12	1.26	11	Pass
NVNT	n20	5200	Ant2	0.63	0.12	0.75	11	Pass
NVNT	n20	5240	Ant2	0.35	0.12	0.47	11	Pass
NVNT	n40	5190	Ant2	-3.37	0.24	-3.13	11	Pass
NVNT	n40	5230	Ant2	-3.02	0.24	-2.78	11	Pass
NVNT	ac20	5180	Ant2	1.17	0.12	1.29	11	Pass
NVNT	ac20	5200	Ant2	0.74	0.12	0.86	11	Pass
NVNT	ac20	5240	Ant2	0.15	0.12	0.27	11	Pass
NVNT	ac40	5190	Ant2	-3.23	0.24	-2.99	11	Pass
NVNT	ac40	5230	Ant2	-3.14	0.24	-2.9	11	Pass
NVNT	ac80	5210	Ant2	-6.67	0.25	-6.42	11	Pass



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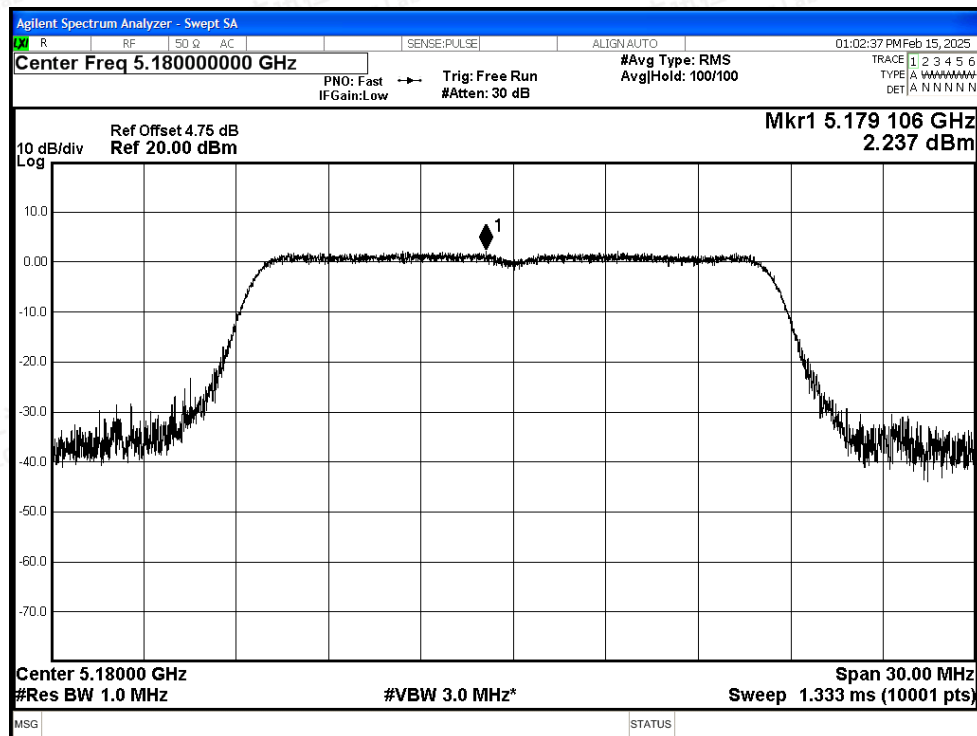
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			Ant1	Ant2	Ant1+Ant2		
NVNT	n20	5180	1.29	1.26	4.29	11	Pass
NVNT	n20	5200	0.99	0.75	3.88	11	Pass
NVNT	n20	5240	0.13	0.47	3.31	11	Pass
NVNT	n40	5190	-1.86	-3.13	0.56	11	Pass
NVNT	n40	5230	-2.86	-2.78	0.19	11	Pass
NVNT	ac20	5180	1.62	1.29	4.47	11	Pass
NVNT	ac20	5200	0.91	0.86	3.90	11	Pass
NVNT	ac20	5240	1.04	0.27	3.68	11	Pass
NVNT	ac40	5190	-2.76	-2.99	0.14	11	Pass
NVNT	ac40	5230	-2.68	-2.9	0.22	11	Pass
NVNT	ac80	5210	-6.44	-6.42	-3.42	11	Pass



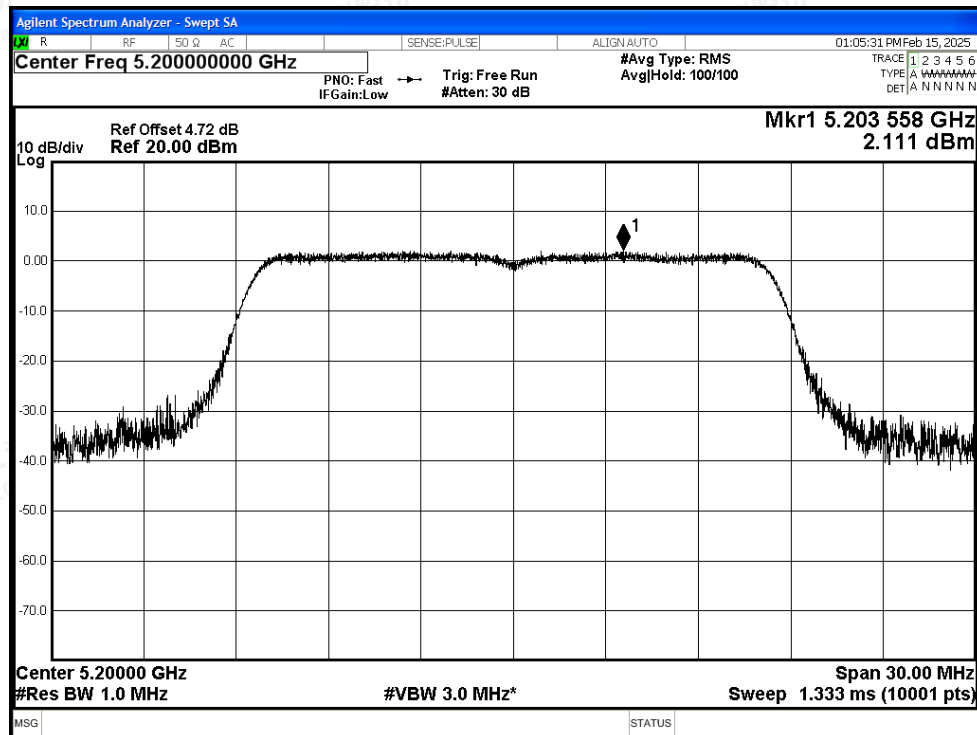


Test Graphs

PSD NVNT a 5180MHz Ant1



PSD NVNT a 5200MHz Ant1



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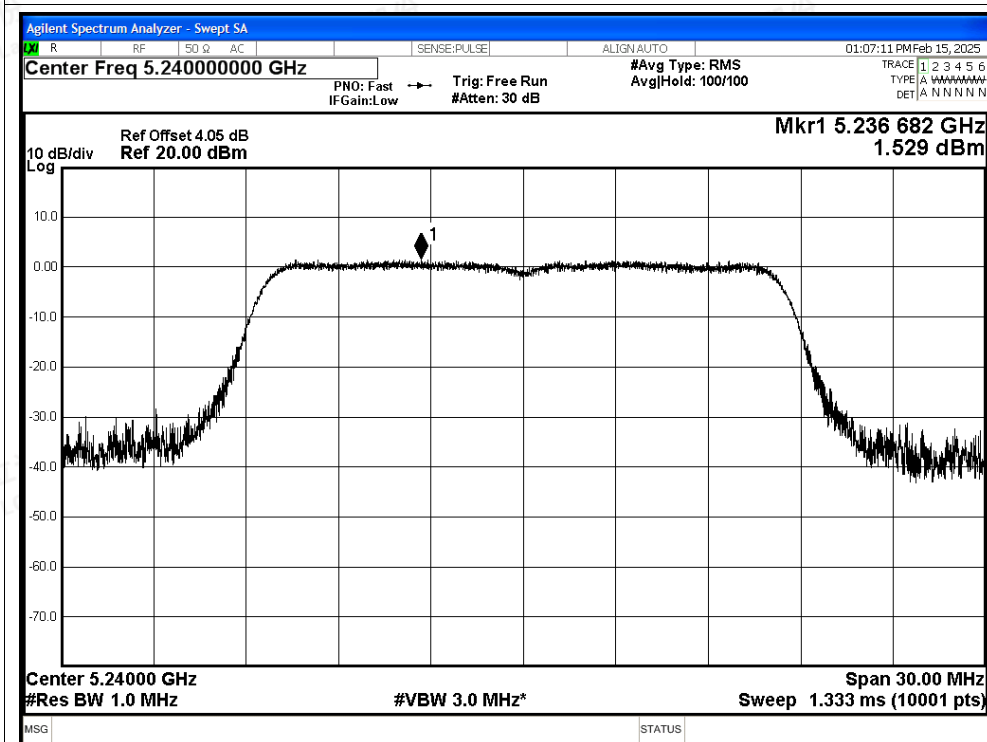
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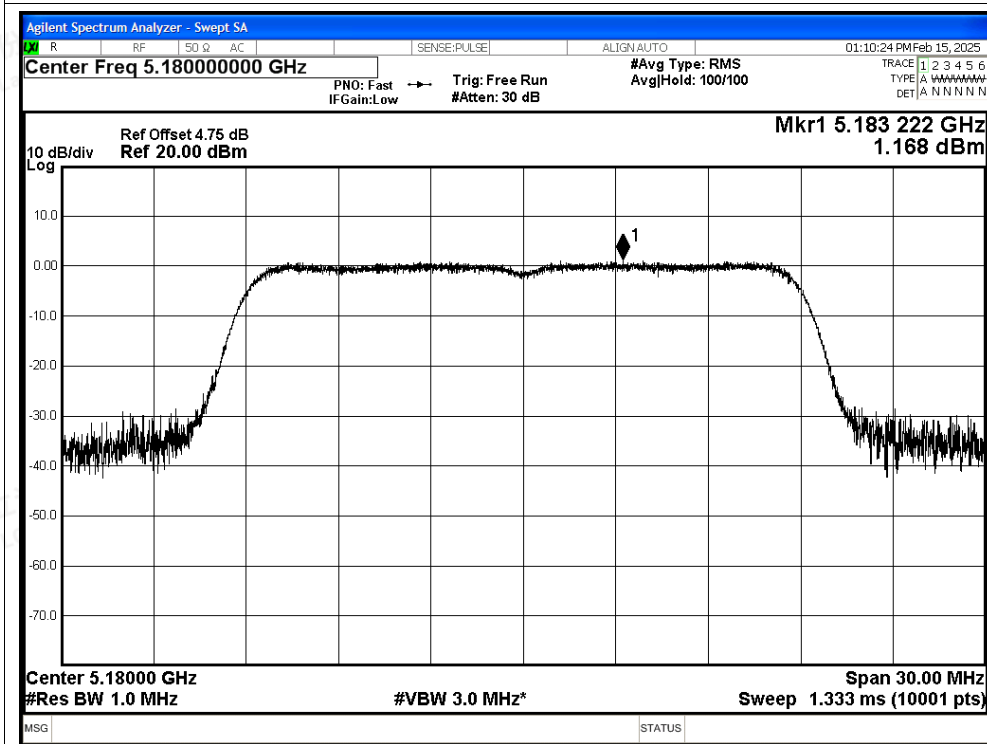
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PSD NVNT a 5240MHz Ant1



PSD NVNT n20 5180MHz Ant1

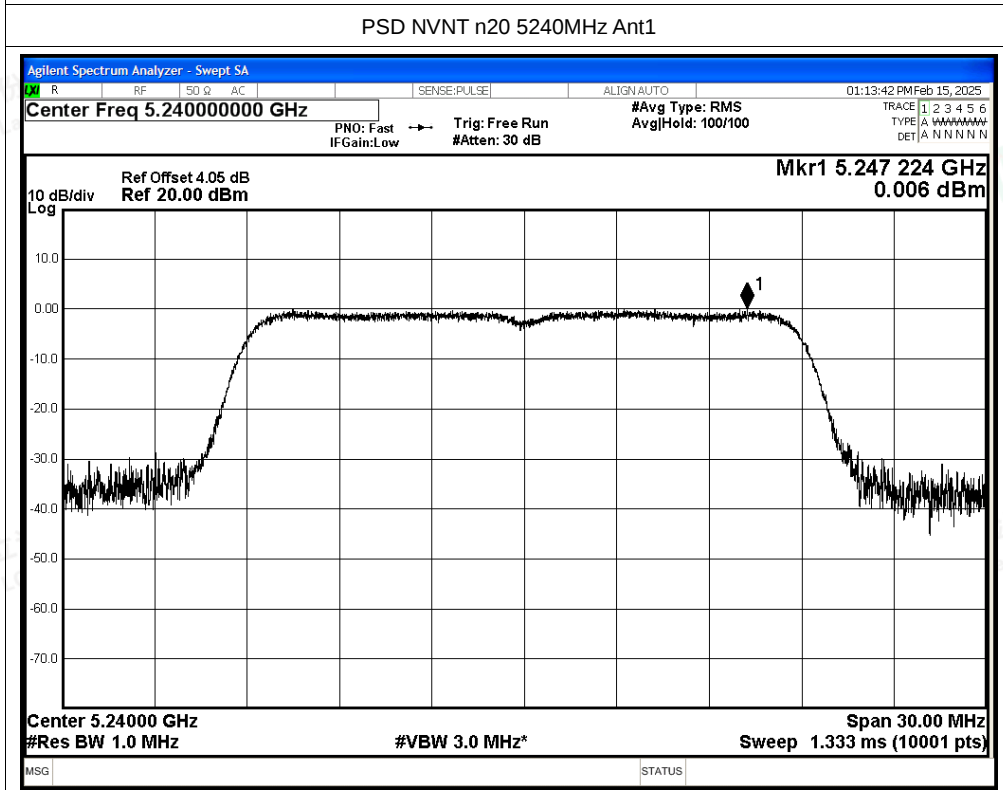
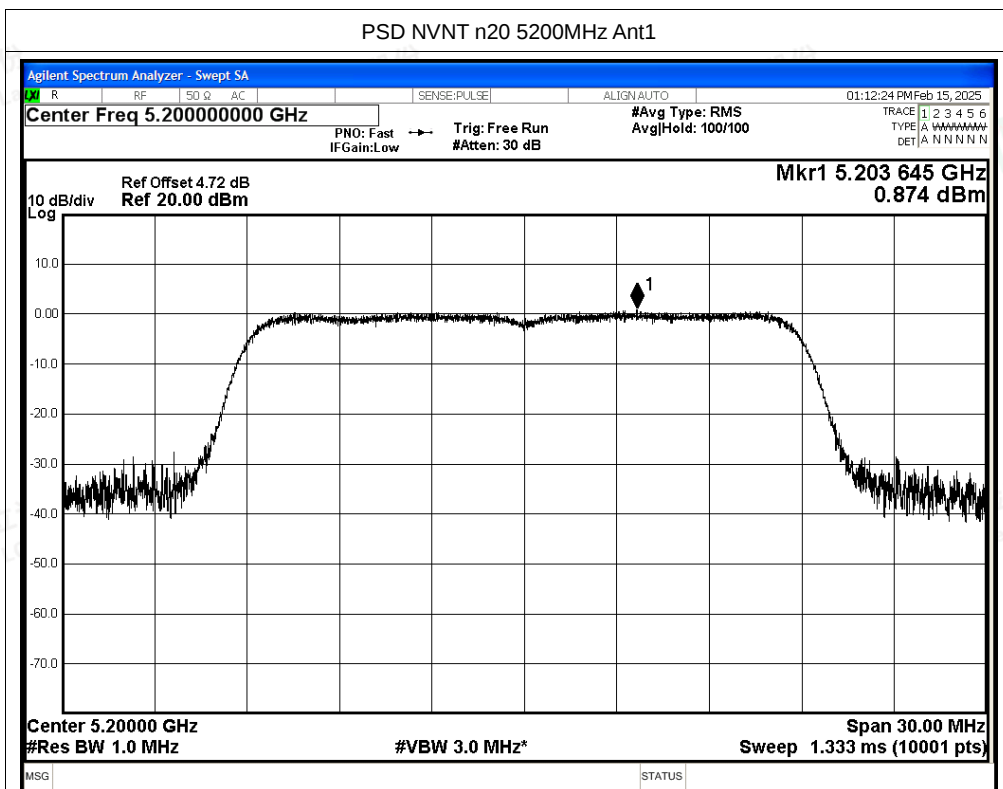


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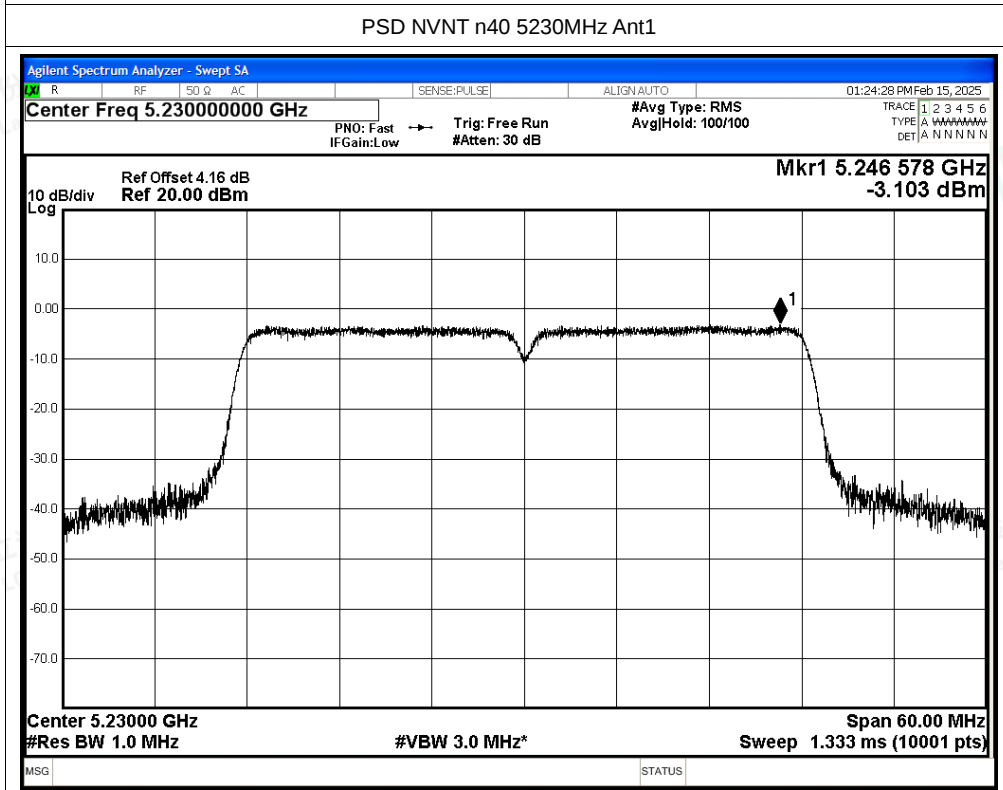
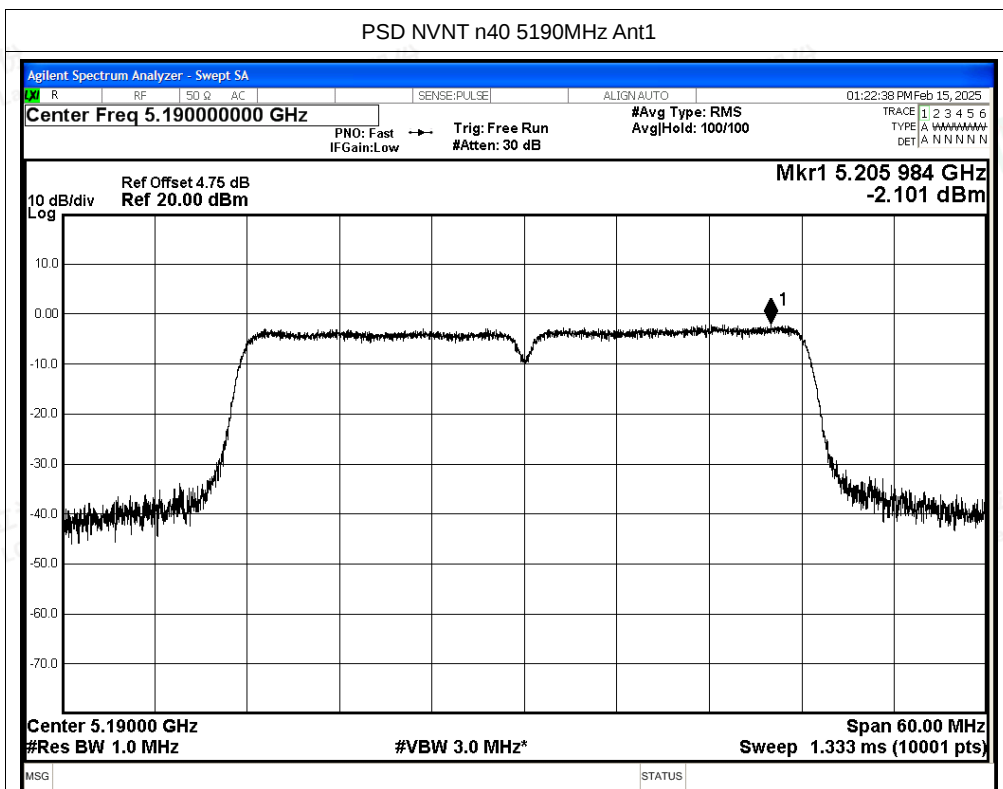


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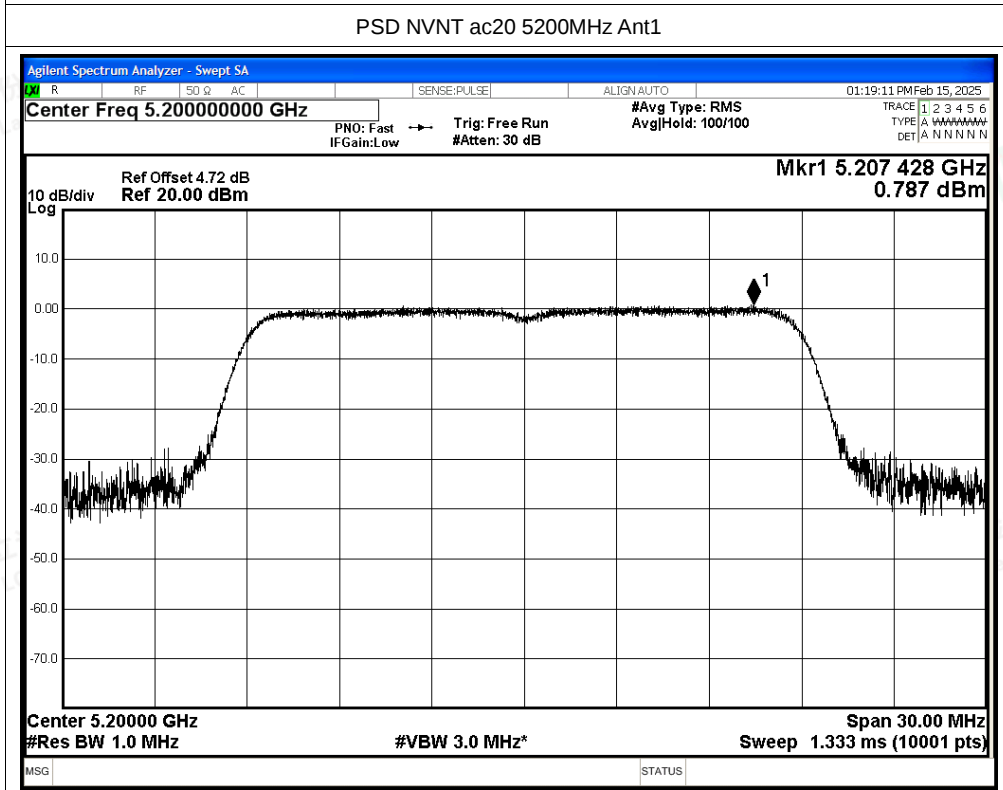
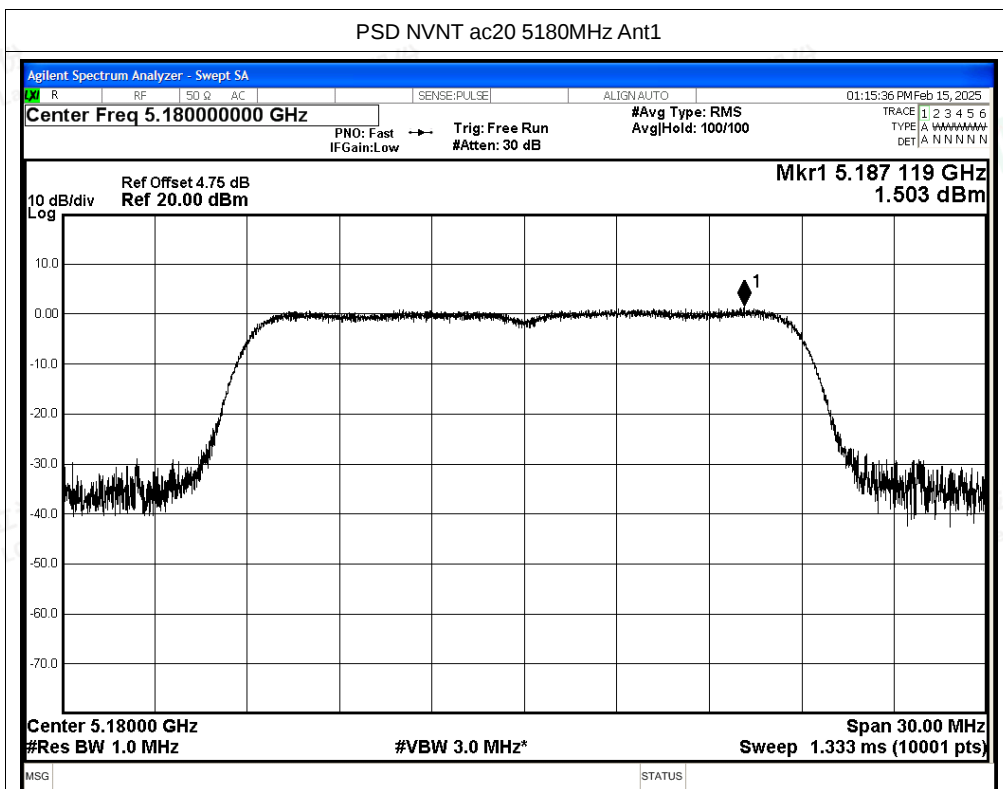


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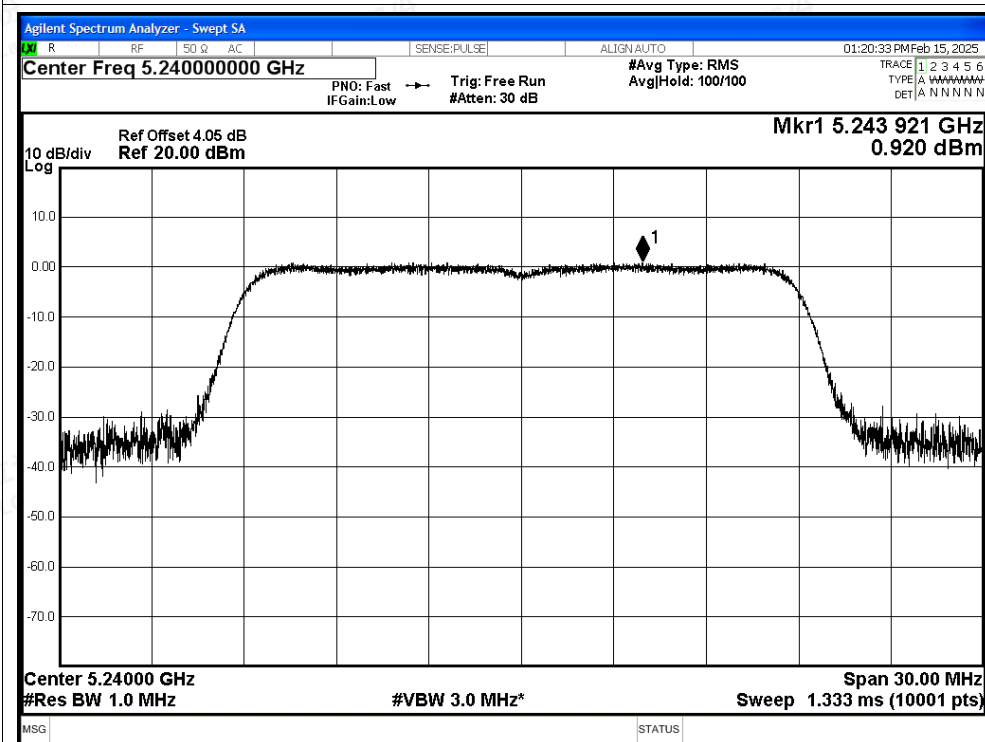
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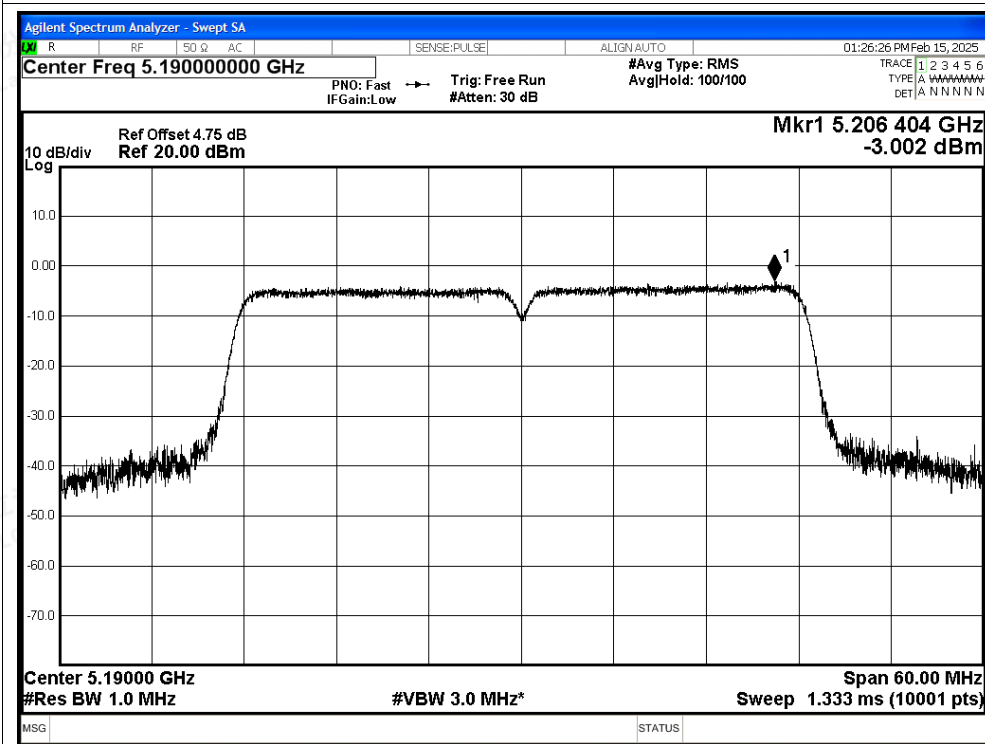
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PSD NVNT ac20 5240MHz Ant1



PSD NVNT ac40 5190MHz Ant1

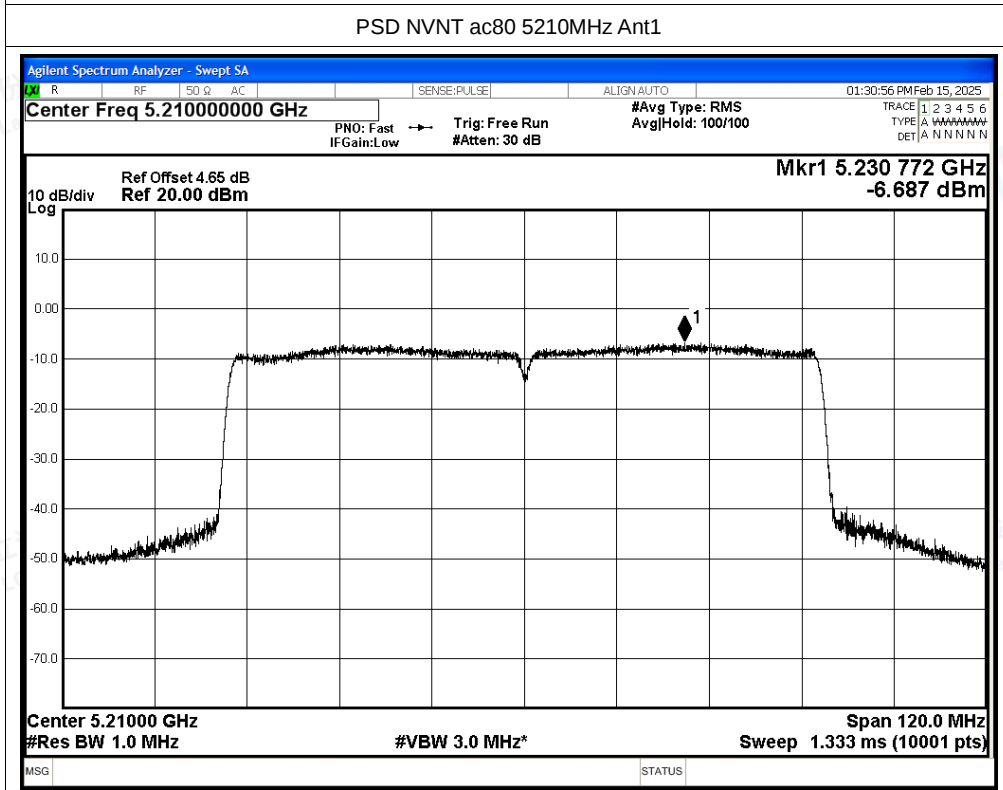
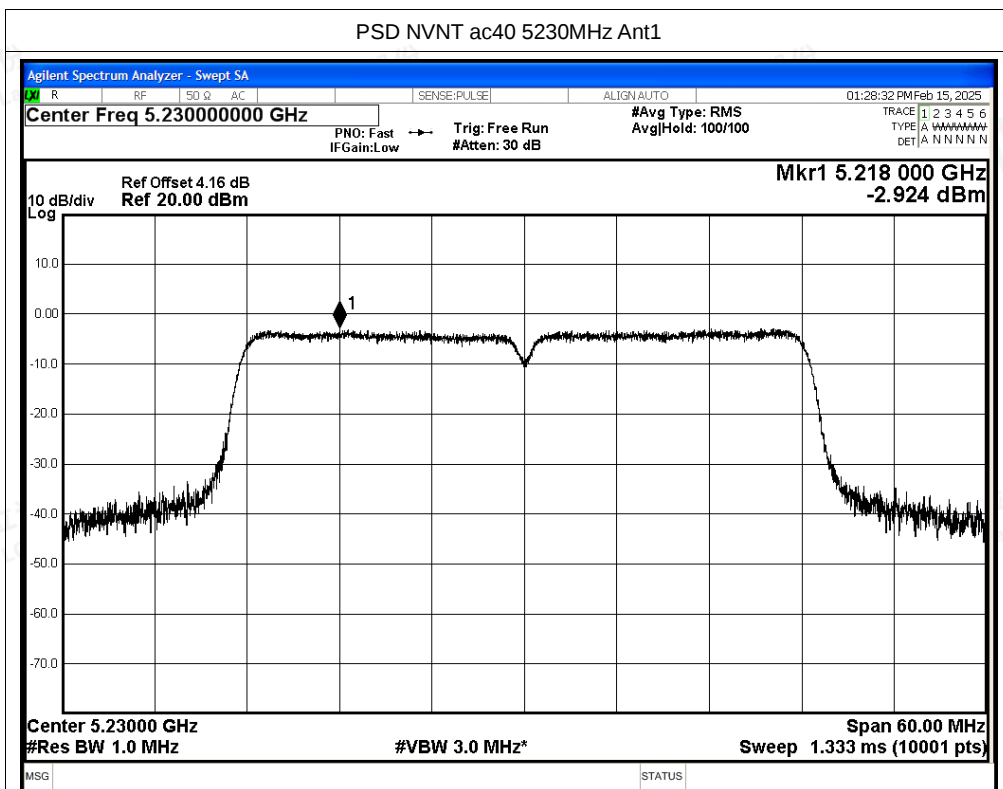


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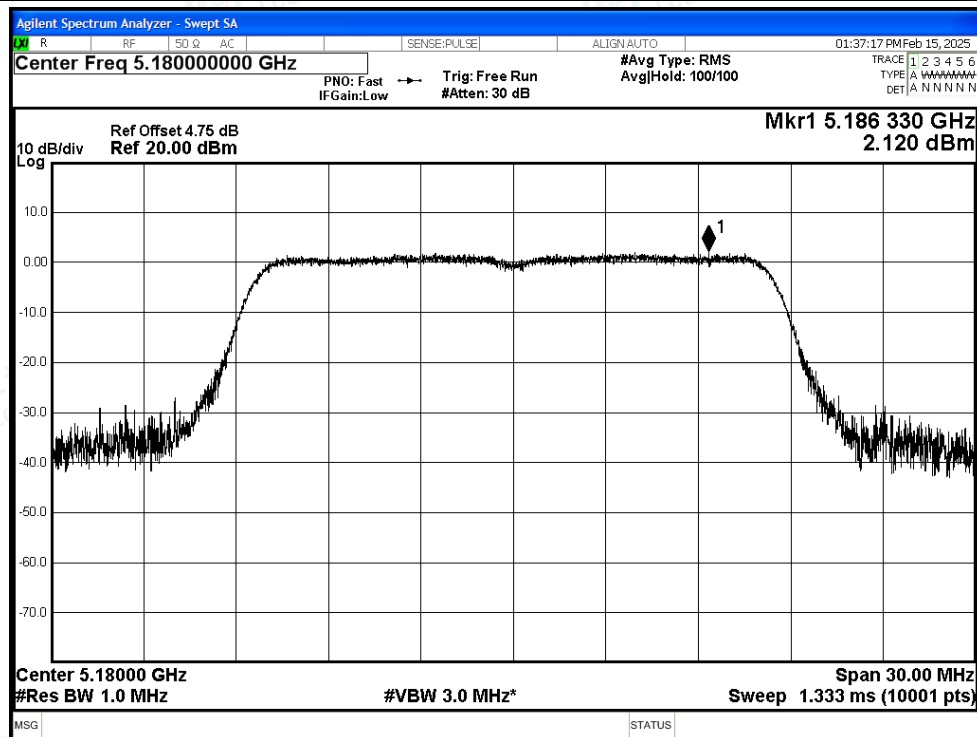
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

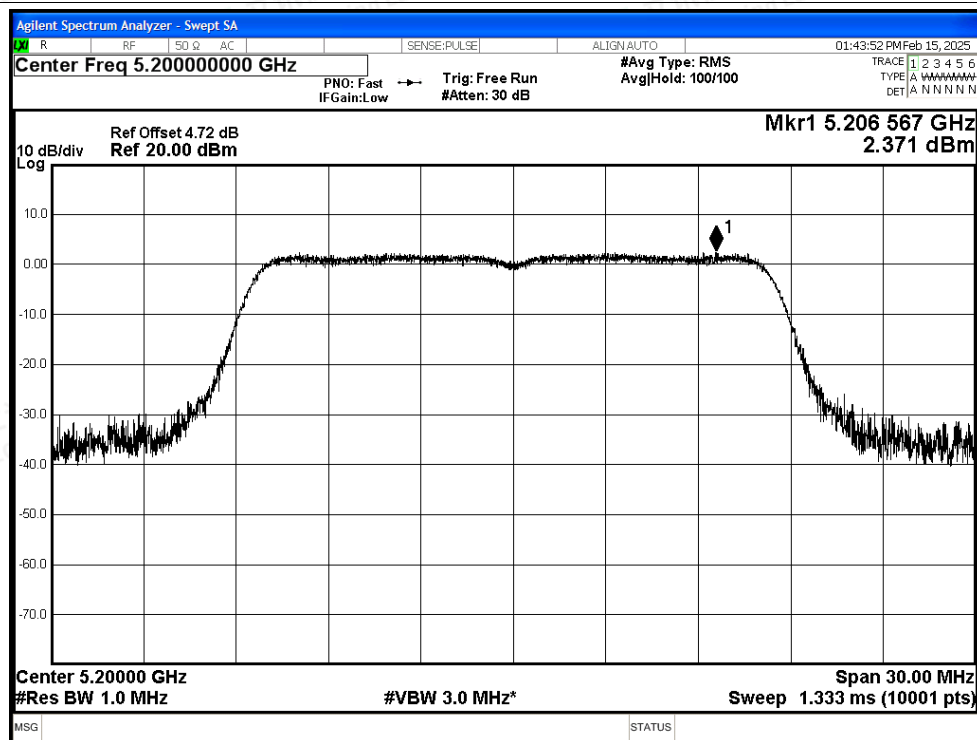


Test Graphs

PSD NVNT a 5180MHz Ant2



PSD NVNT a 5200MHz Ant2



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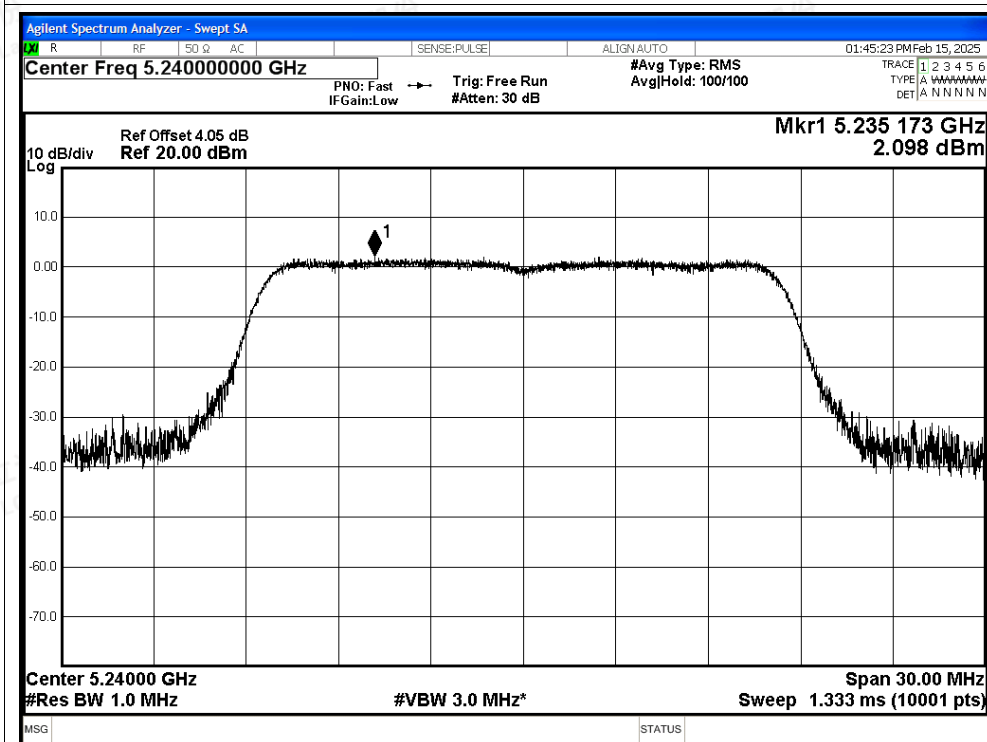
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

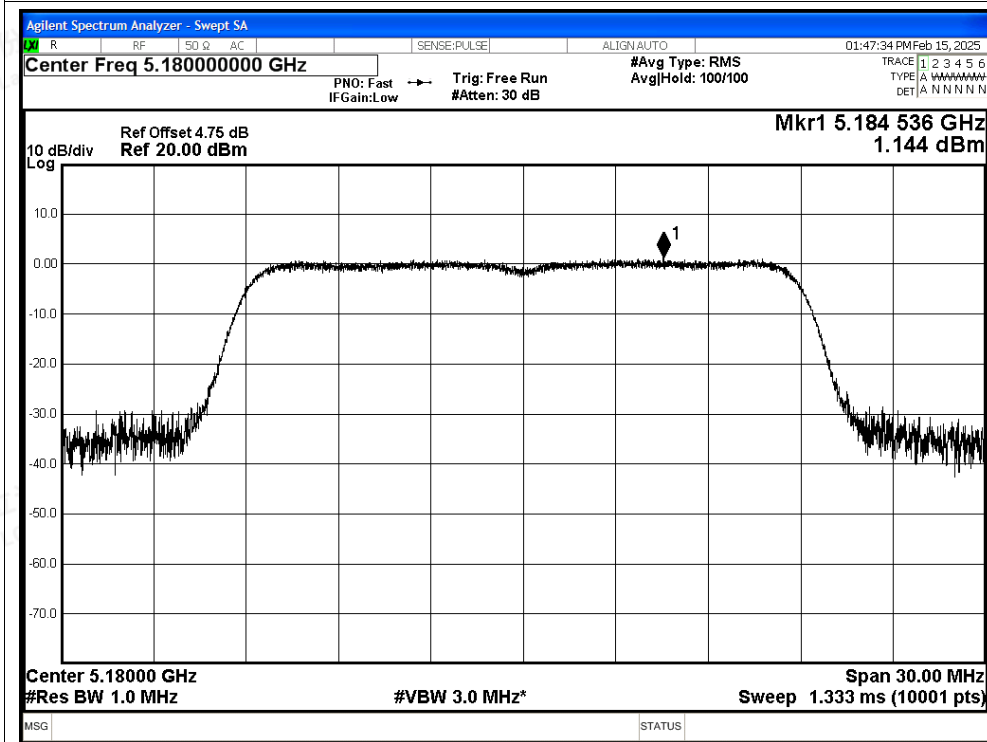
Scan code to check authenticity



PSD NVNT a 5240MHz Ant2



PSD NVNT n20 5180MHz Ant2

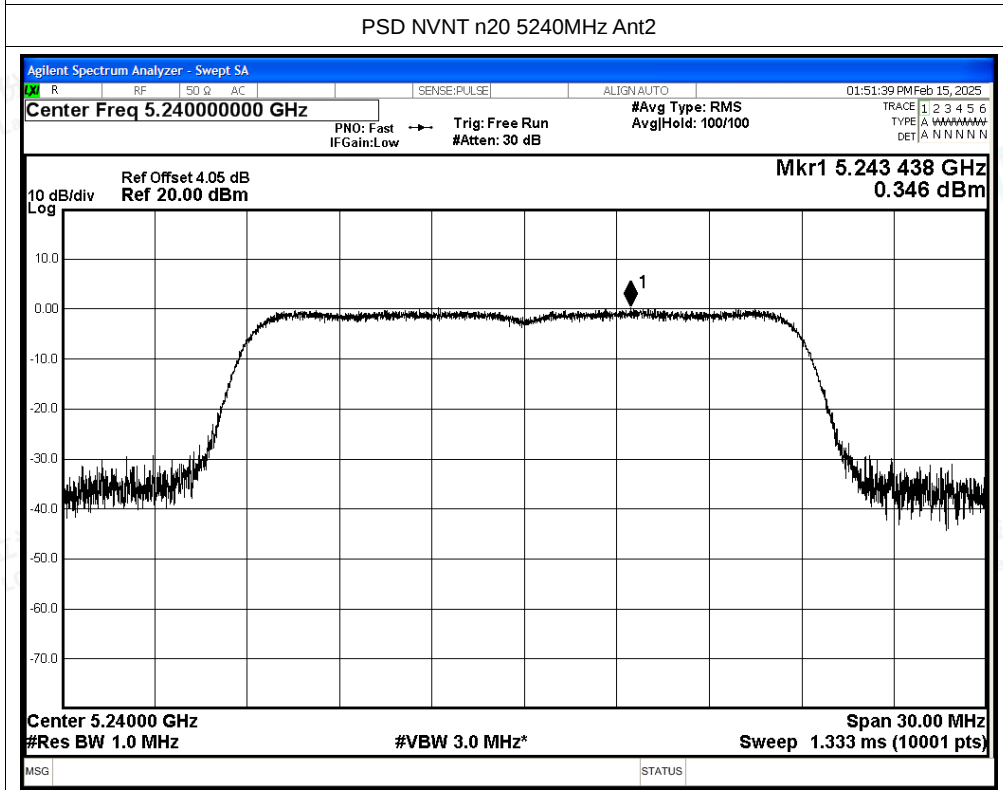
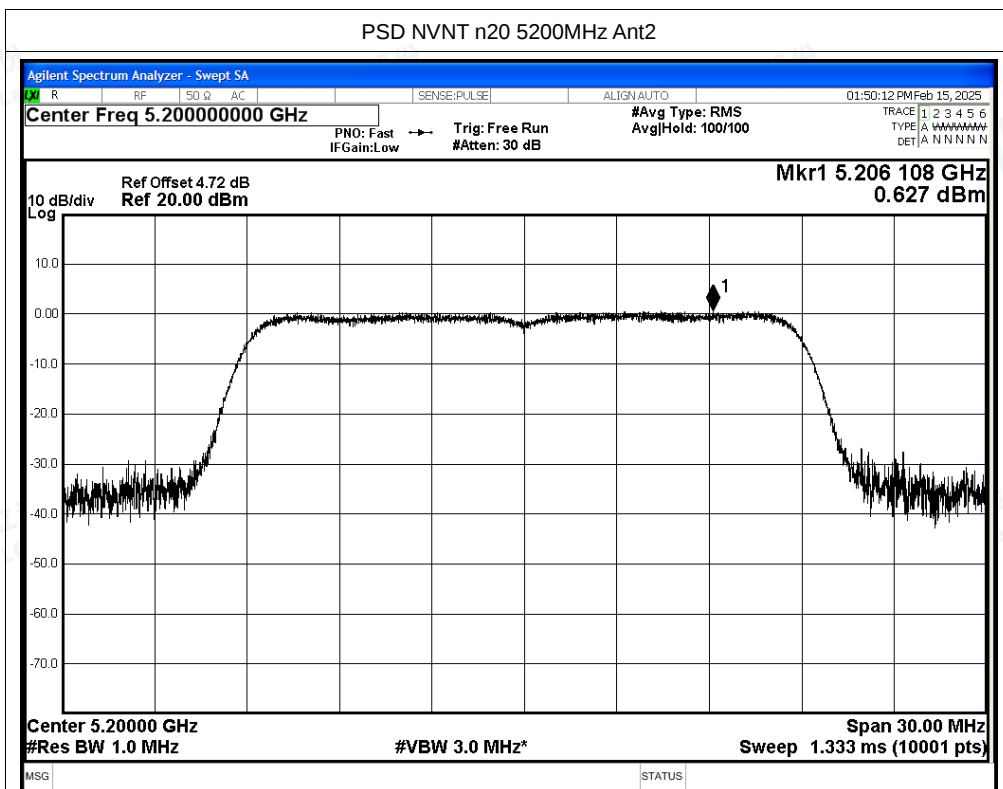


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Scan code to check authenticity

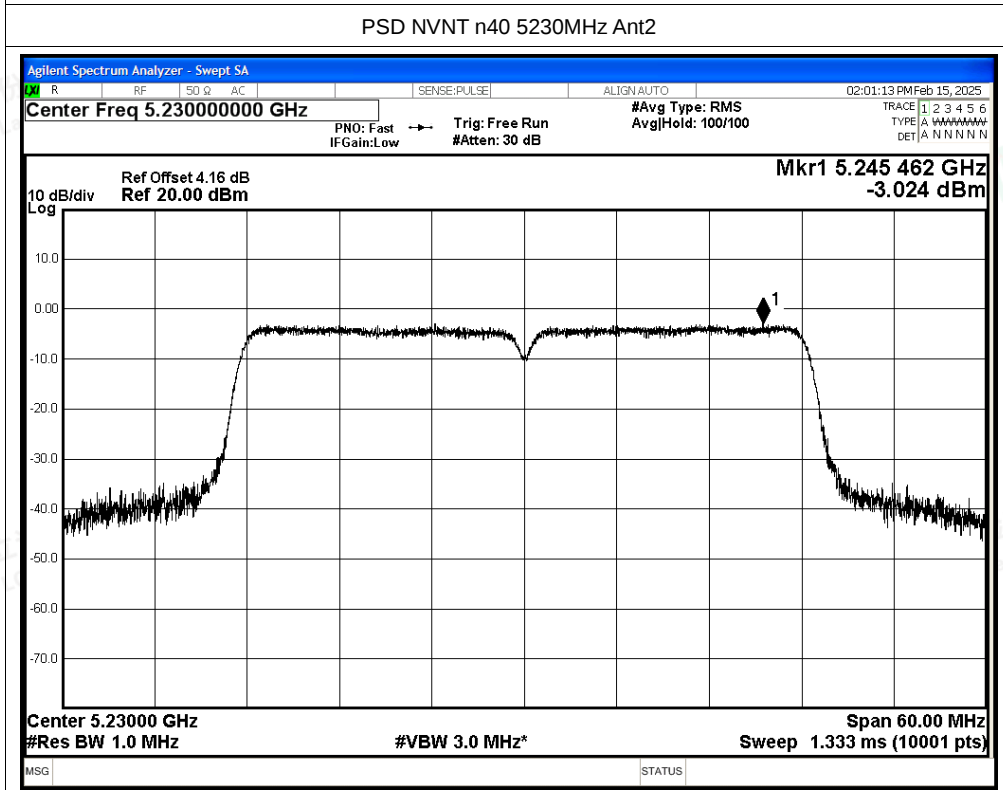
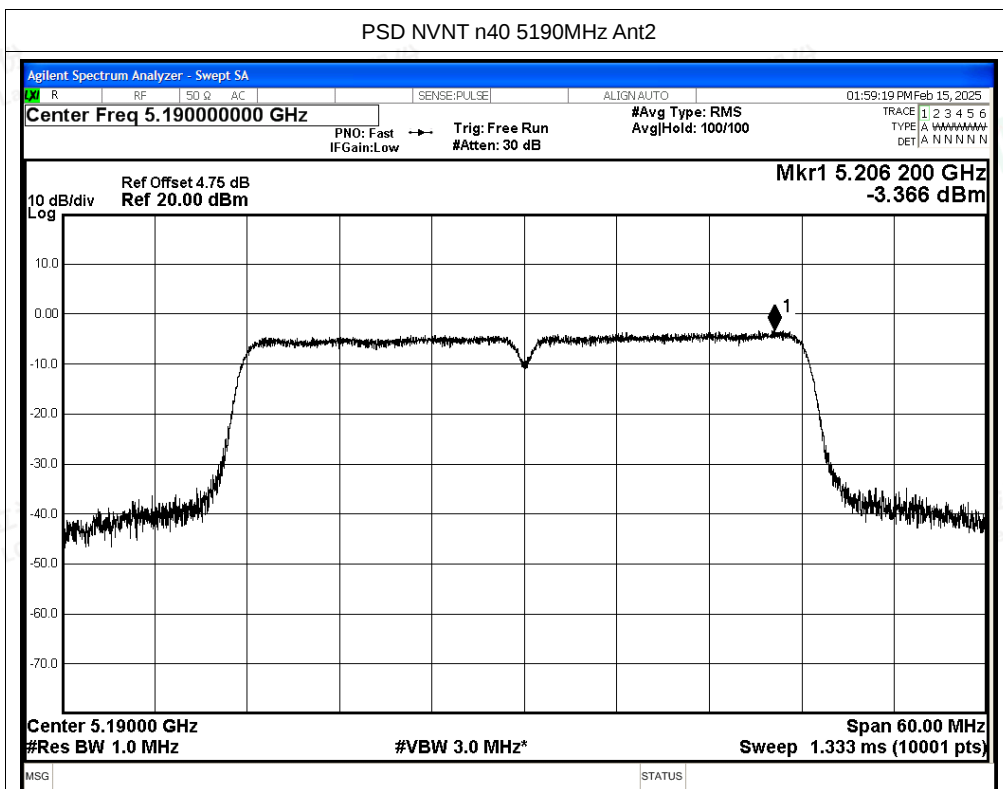


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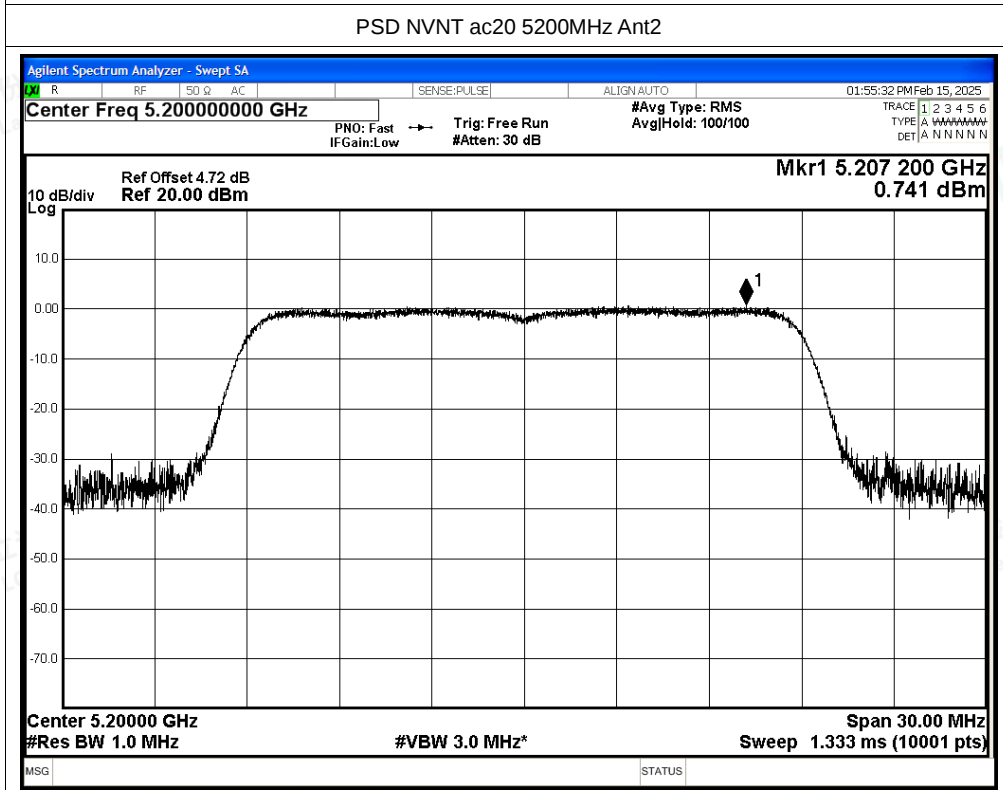
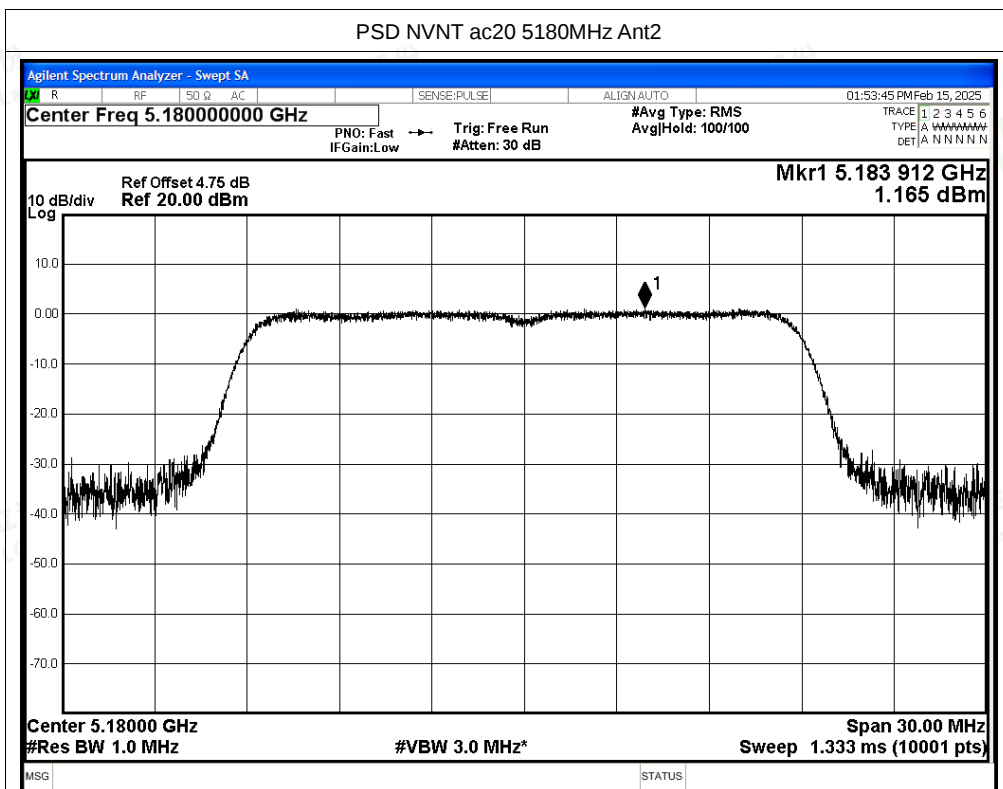


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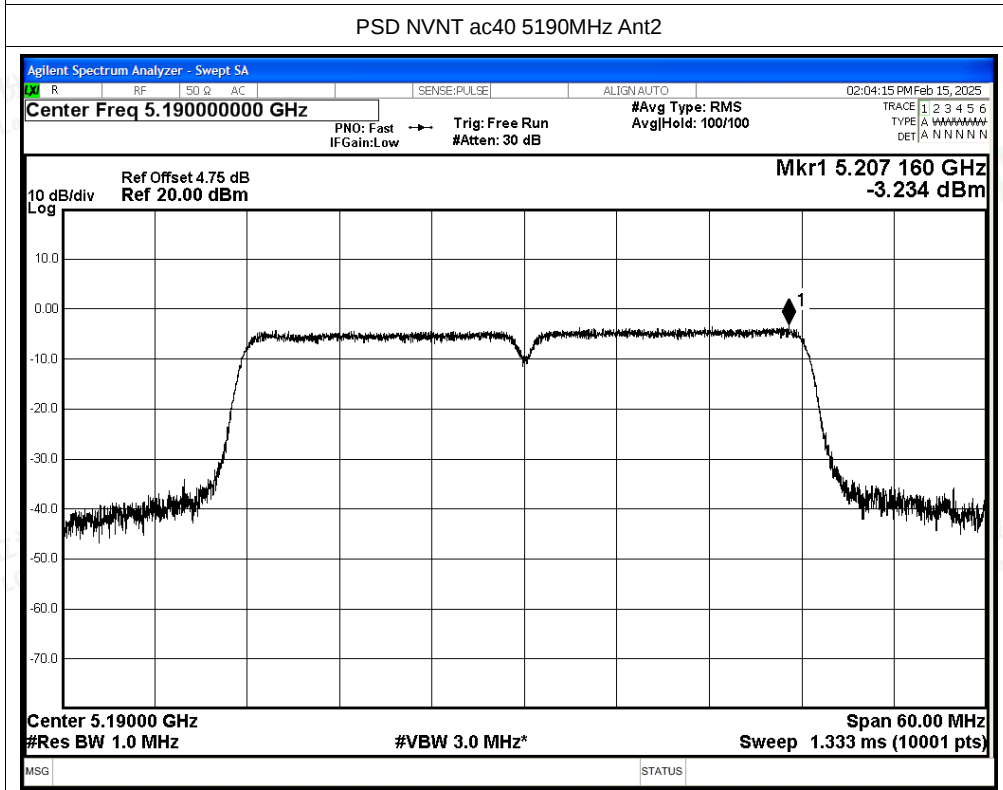
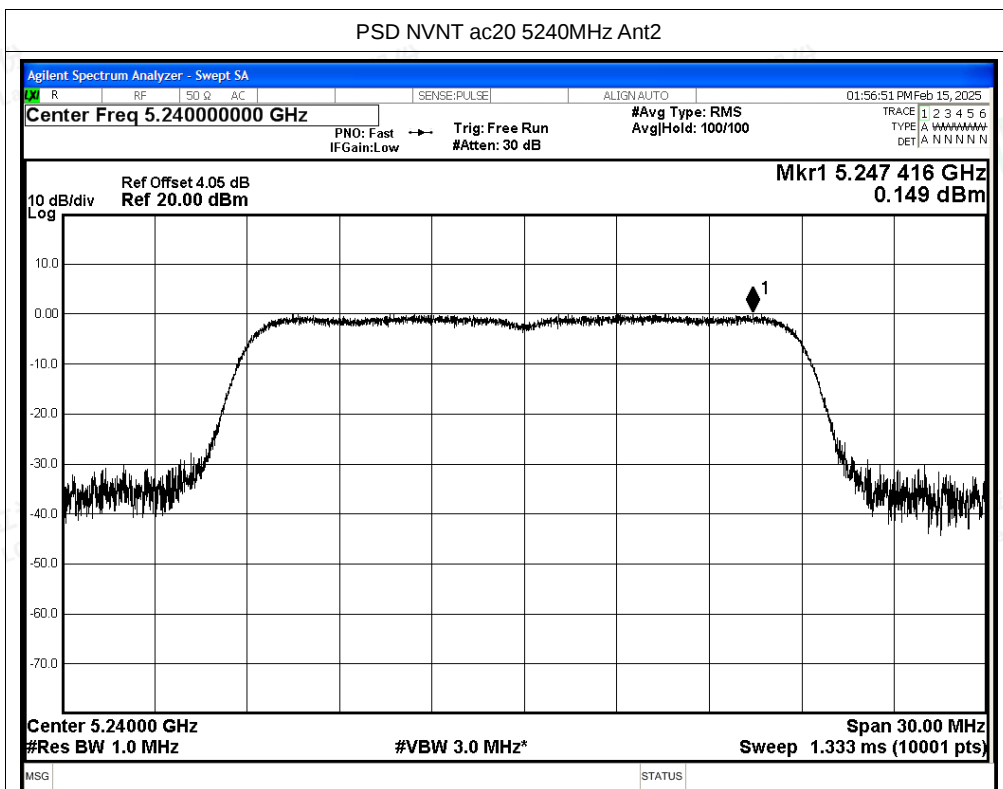


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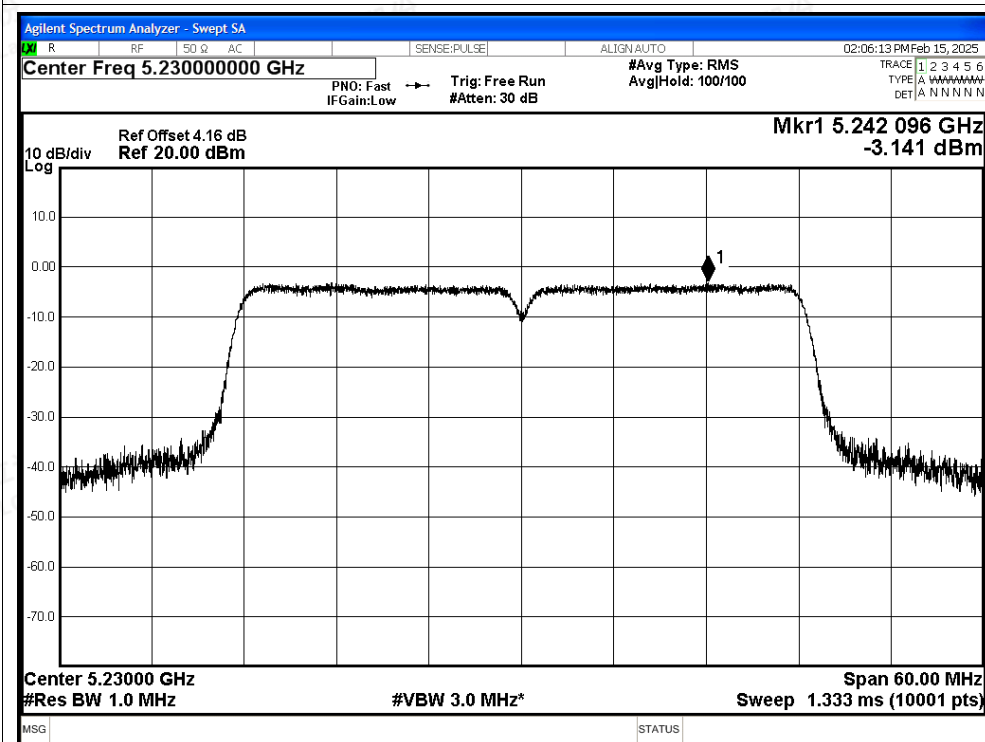
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

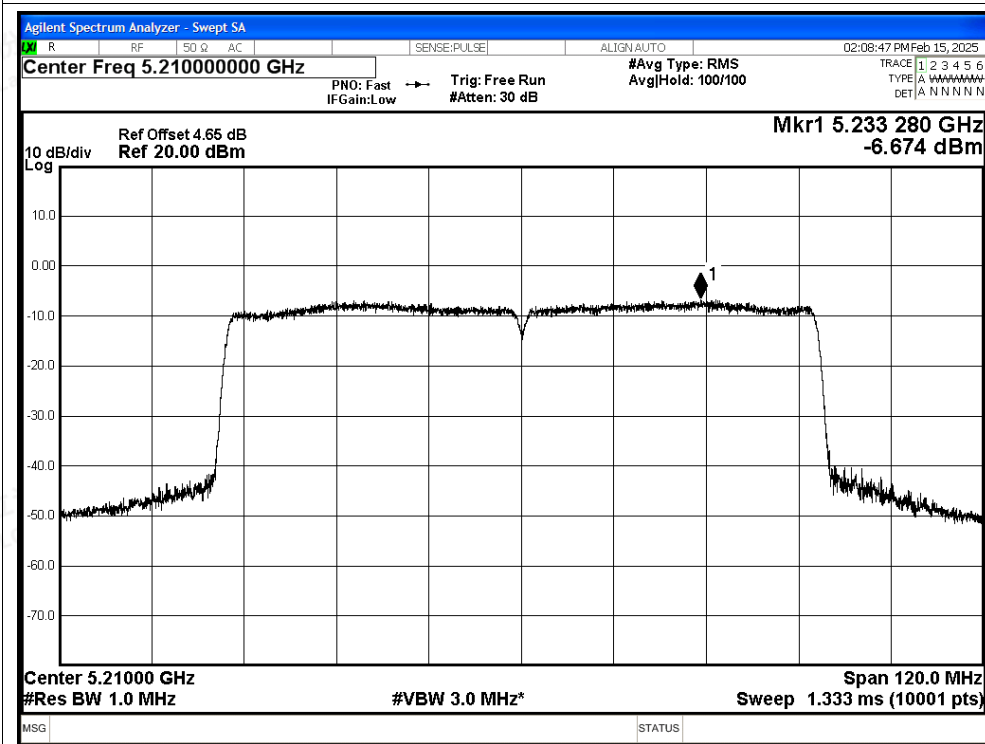
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PSD NVNT ac40 5230MHz Ant2



PSD NVNT ac80 5210MHz Ant2



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Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	Ant3	1.98	0.24	2.22	11	Pass
NVNT	a	5200	Ant3	2.37	0.24	2.61	11	Pass
NVNT	a	5240	Ant3	2.08	0.24	2.32	11	Pass
NVNT	n20	5180	Ant3	1.09	0.12	1.21	11	Pass
NVNT	n20	5200	Ant3	0.82	0.12	0.94	11	Pass
NVNT	n20	5240	Ant3	0.03	0.12	0.15	11	Pass
NVNT	n40	5190	Ant3	-3.08	0.23	-2.85	11	Pass
NVNT	n40	5230	Ant3	-2.74	0.24	-2.5	11	Pass
NVNT	ac20	5180	Ant3	-0.11	0.12	0.01	11	Pass
NVNT	ac20	5200	Ant3	0.95	0.12	1.07	11	Pass
NVNT	ac20	5240	Ant3	0.15	0.12	0.27	11	Pass
NVNT	ac40	5190	Ant3	-3.07	0.24	-2.83	11	Pass
NVNT	ac40	5230	Ant3	-2.92	0.24	-2.68	11	Pass
NVNT	ac80	5210	Ant3	-6.64	0.47	-6.17	11	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	Ant4	2.44	0.24	2.68	11	Pass
NVNT	a	5200	Ant4	1.9	0.24	2.14	11	Pass
NVNT	a	5240	Ant4	1.48	0.24	1.72	11	Pass
NVNT	n20	5180	Ant4	0.75	0.12	0.87	11	Pass
NVNT	n20	5200	Ant4	0.54	0.12	0.66	11	Pass
NVNT	n20	5240	Ant4	0.92	0.12	1.04	11	Pass
NVNT	n40	5190	Ant4	-2.54	0.23	-2.31	11	Pass
NVNT	n40	5230	Ant4	-3.47	0.24	-3.23	11	Pass
NVNT	ac20	5180	Ant4	0.73	0.12	0.85	11	Pass
NVNT	ac20	5200	Ant4	0.18	0.12	0.3	11	Pass
NVNT	ac20	5240	Ant4	0.75	0.12	0.87	11	Pass
NVNT	ac40	5190	Ant4	-3.2	0.24	-2.96	11	Pass
NVNT	ac40	5230	Ant4	-3.35	0.24	-3.11	11	Pass
NVNT	ac80	5210	Ant4	-6.14	0.25	-5.89	11	Pass



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MIMO

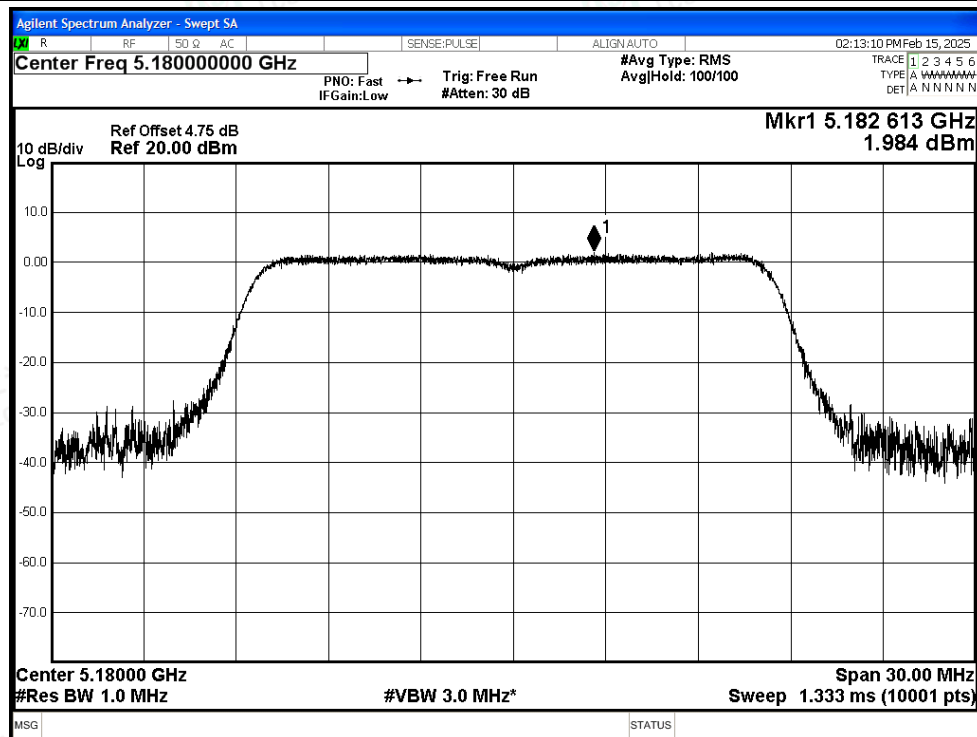
Condition	Mode	Frequency (MHz)	Total PSD (dBm/MHz)			Limit (dBm/MHz)	Verdict
			Ant3	Ant4	Ant3+Ant4		
NVNT	n20	5180	1.21	0.87	4.05	10	Pass
NVNT	n20	5200	0.94	0.66	3.81	10	Pass
NVNT	n20	5240	0.15	1.04	3.63	10	Pass
NVNT	n40	5190	-2.85	-2.31	0.44	10	Pass
NVNT	n40	5230	-2.5	-3.23	0.16	10	Pass
NVNT	ac20	5180	0.01	0.85	3.46	10	Pass
NVNT	ac20	5200	1.07	0.3	3.71	10	Pass
NVNT	ac20	5240	0.27	0.87	3.59	10	Pass
NVNT	ac40	5190	-2.83	-2.96	0.12	10	Pass
NVNT	ac40	5230	-2.68	-3.11	0.12	10	Pass
NVNT	ac80	5210	-6.17	-5.89	-3.02	10	Pass



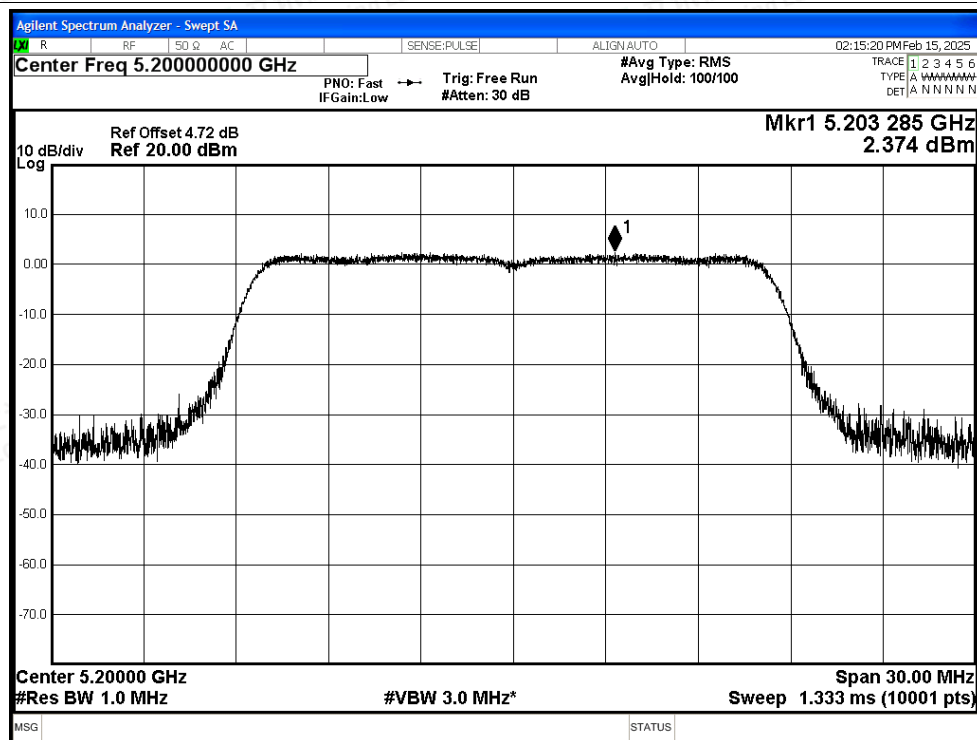


Test Graphs

PSD NVNT a 5180MHz Ant3



PSD NVNT a 5200MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

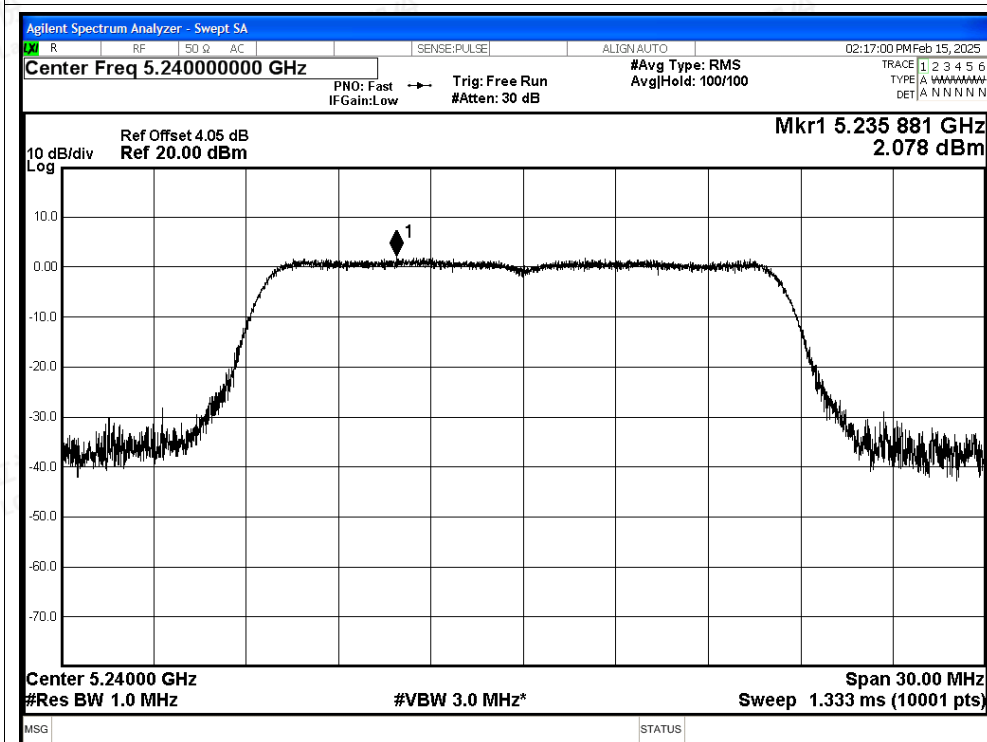
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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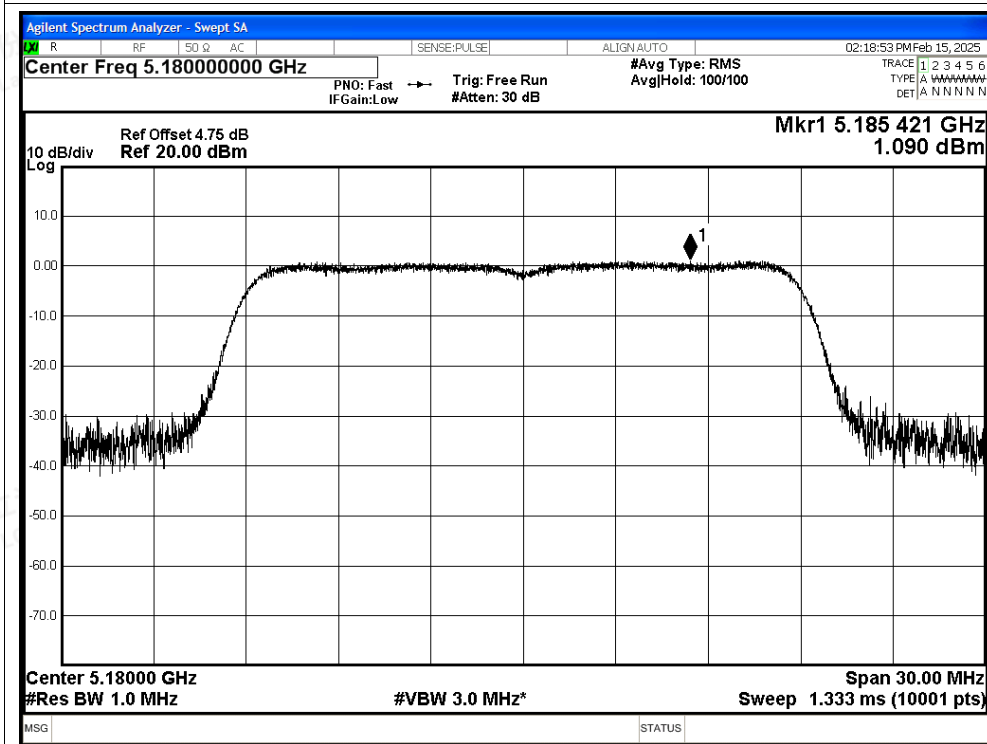
Scan code to check authenticity



PSD NVNT a 5240MHz Ant3



PSD NVNT n20 5180MHz Ant3

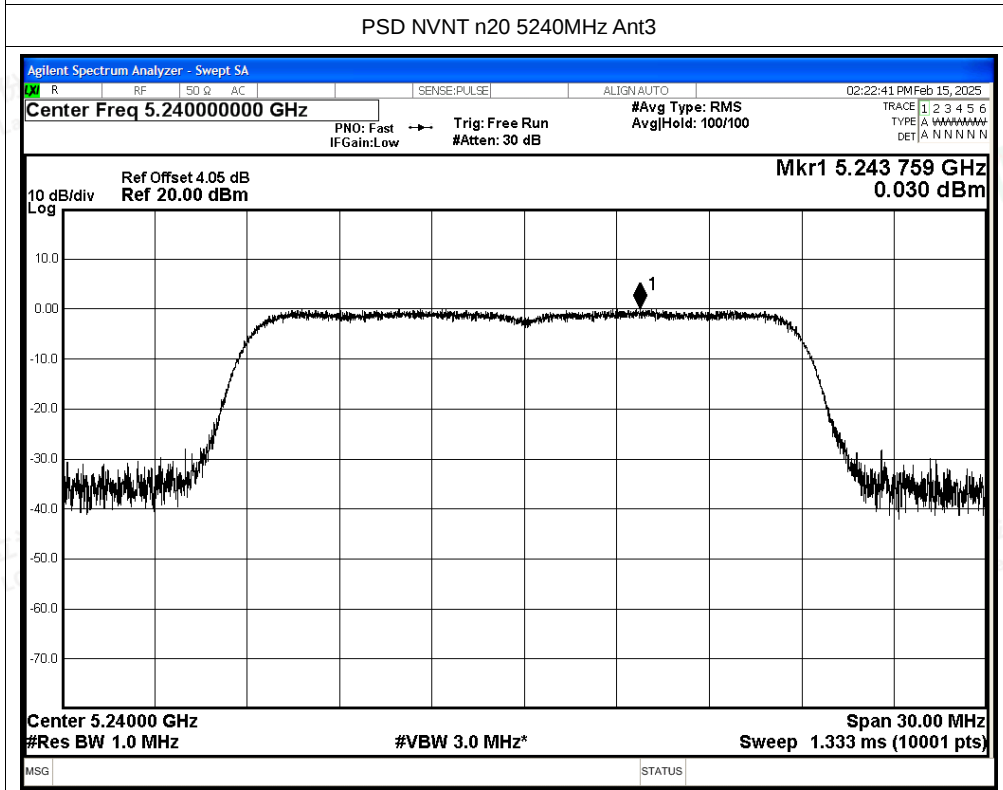
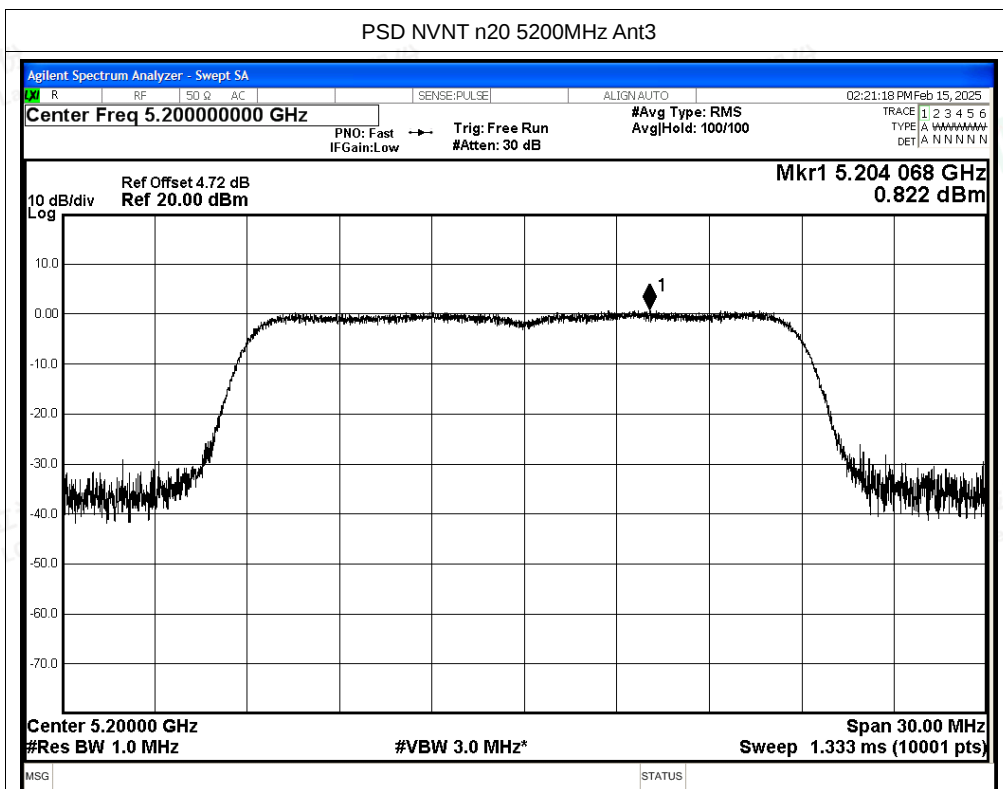


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Scan code to check authenticity

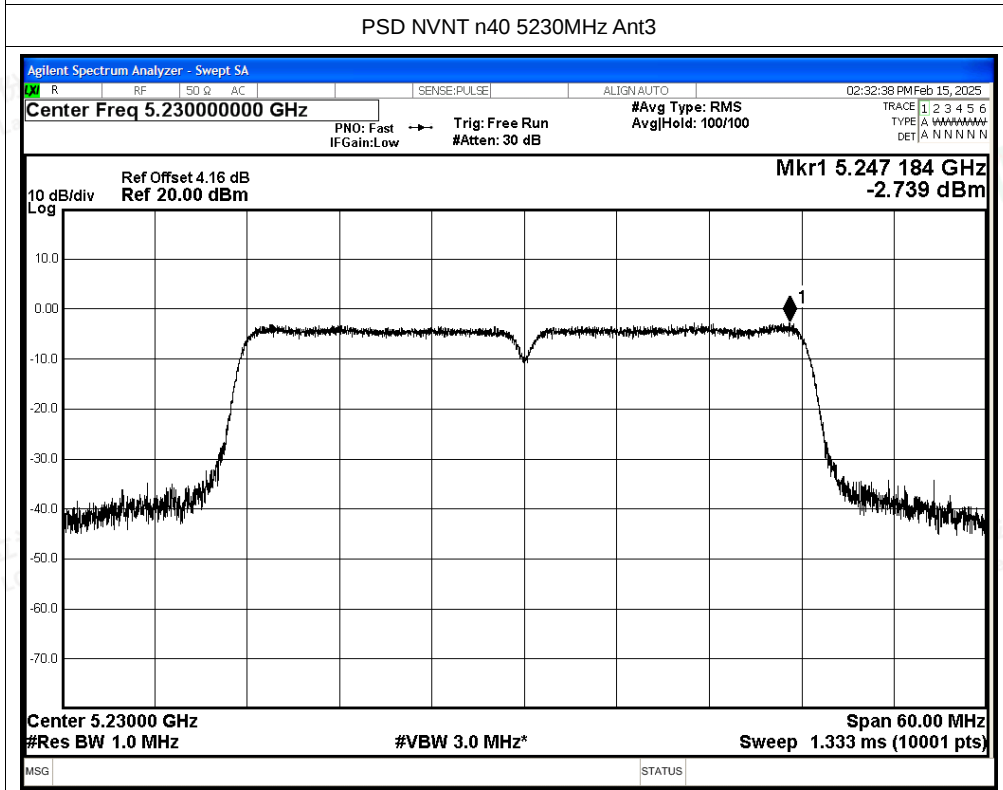
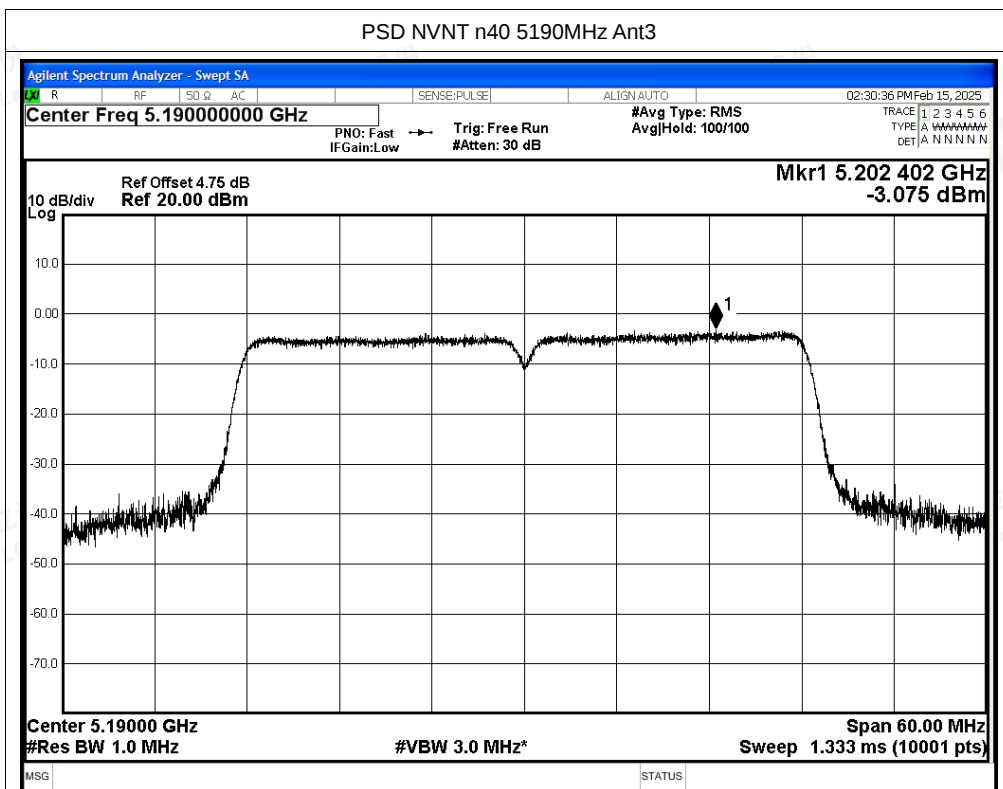


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Scan code to check authenticity

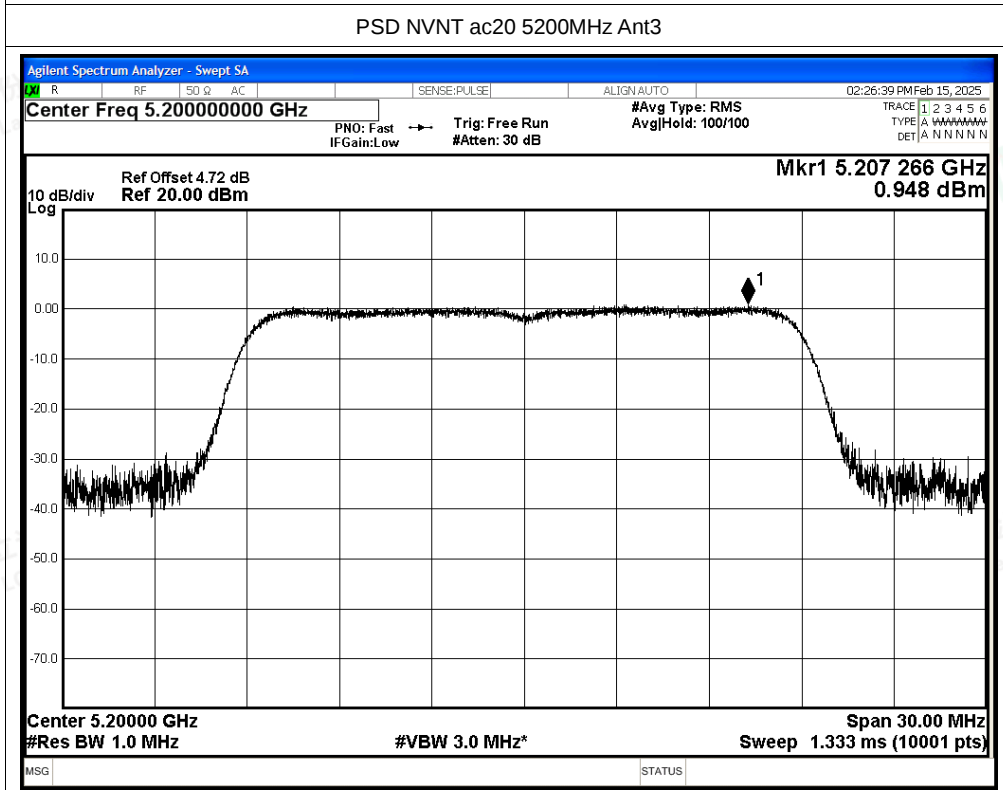
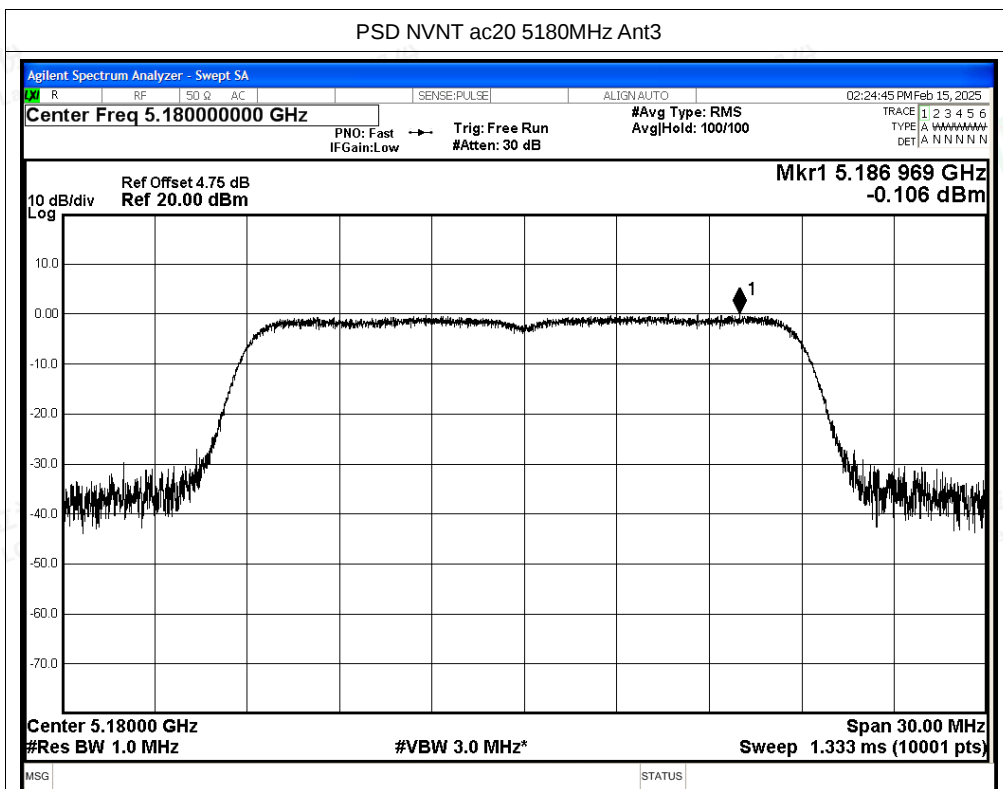


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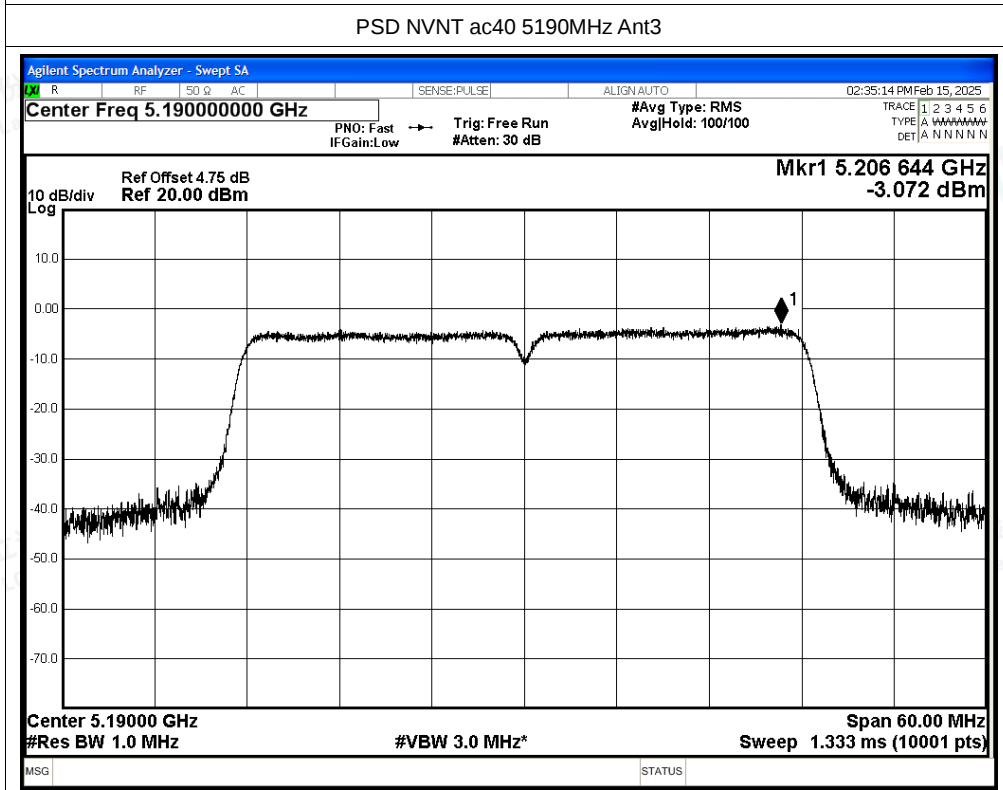
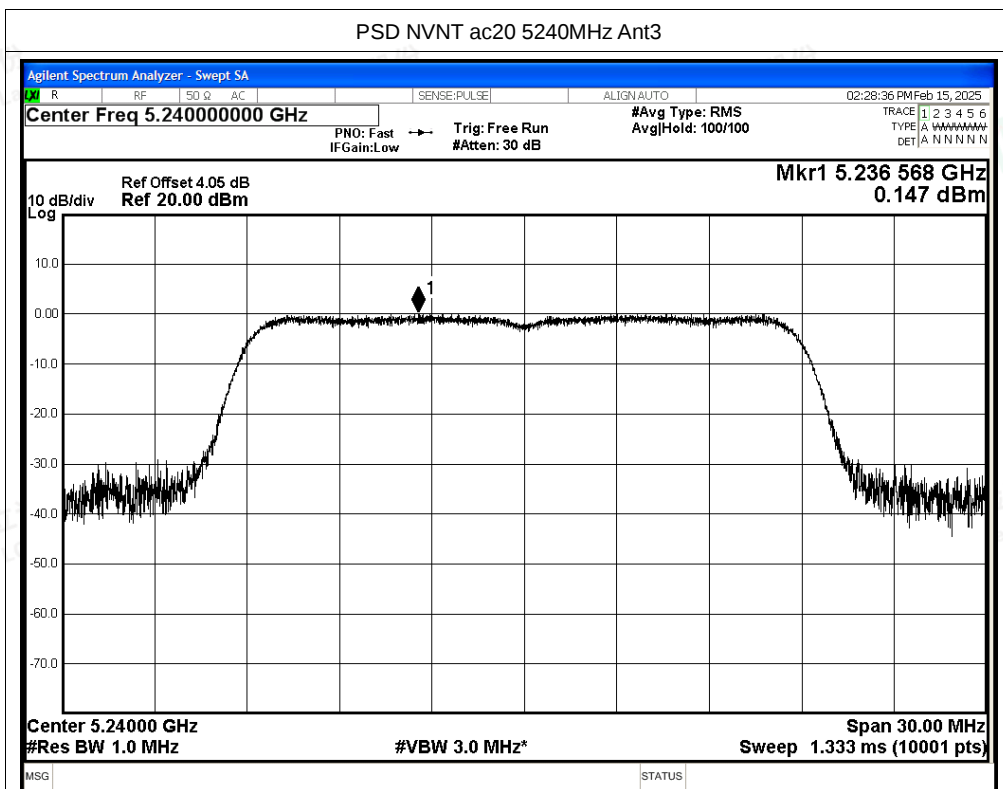


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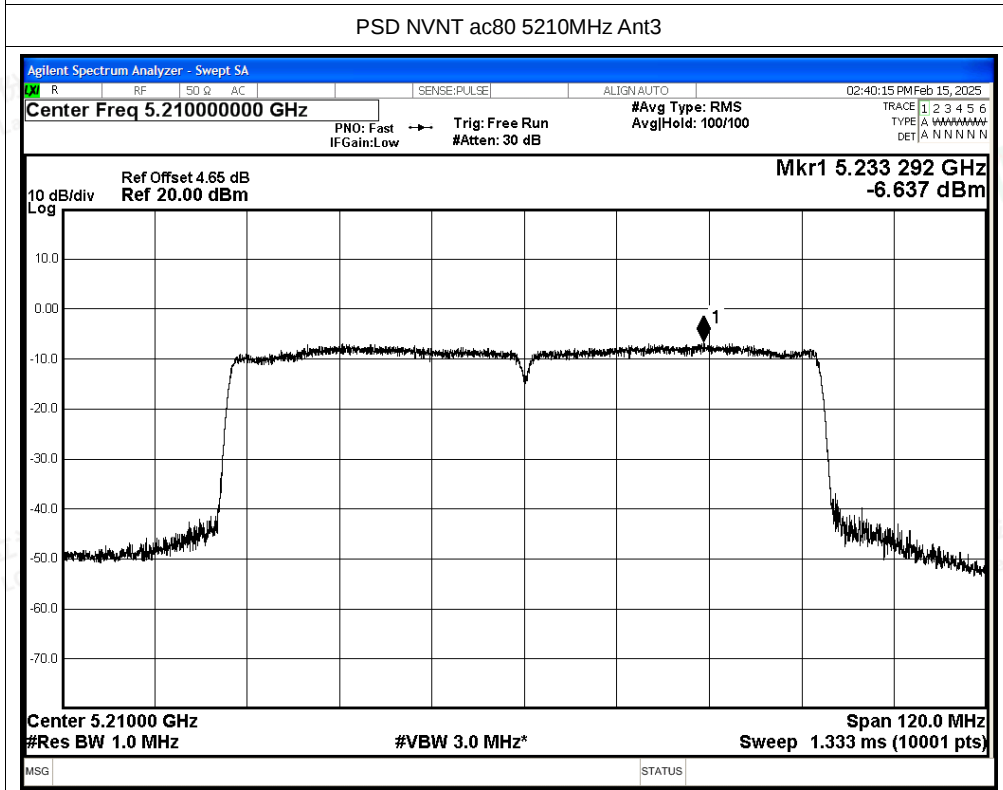
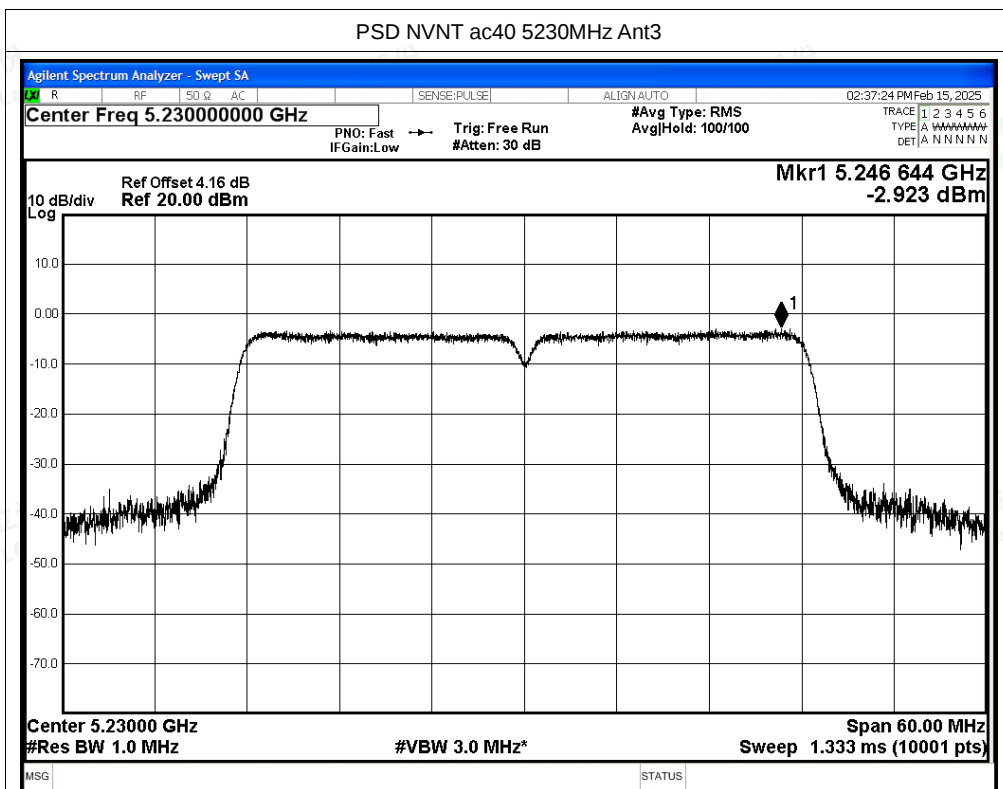


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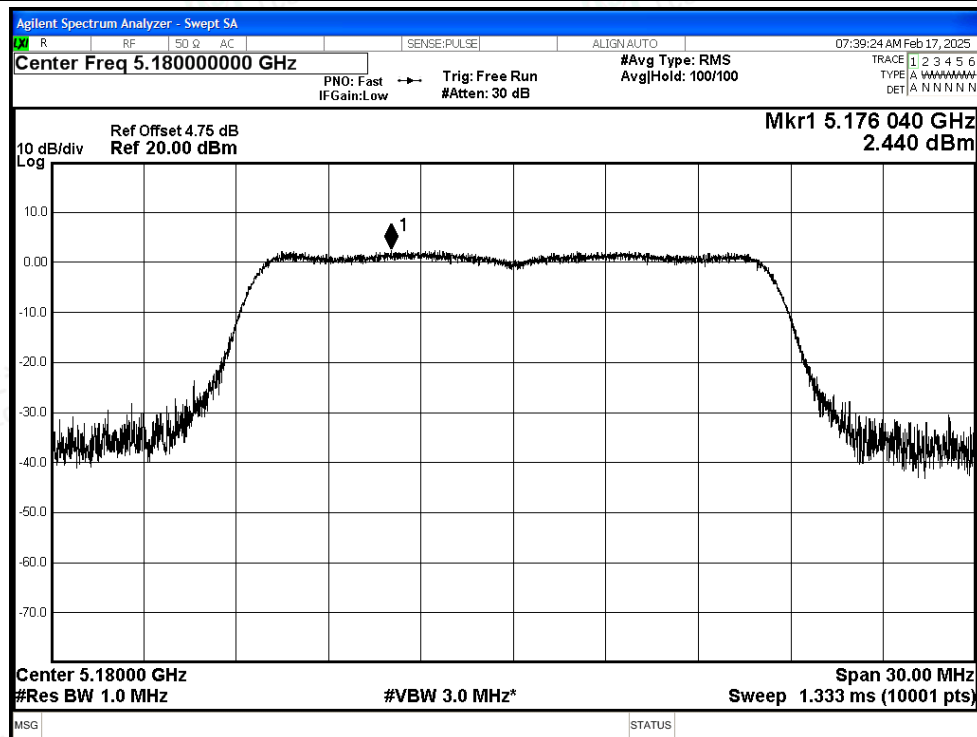
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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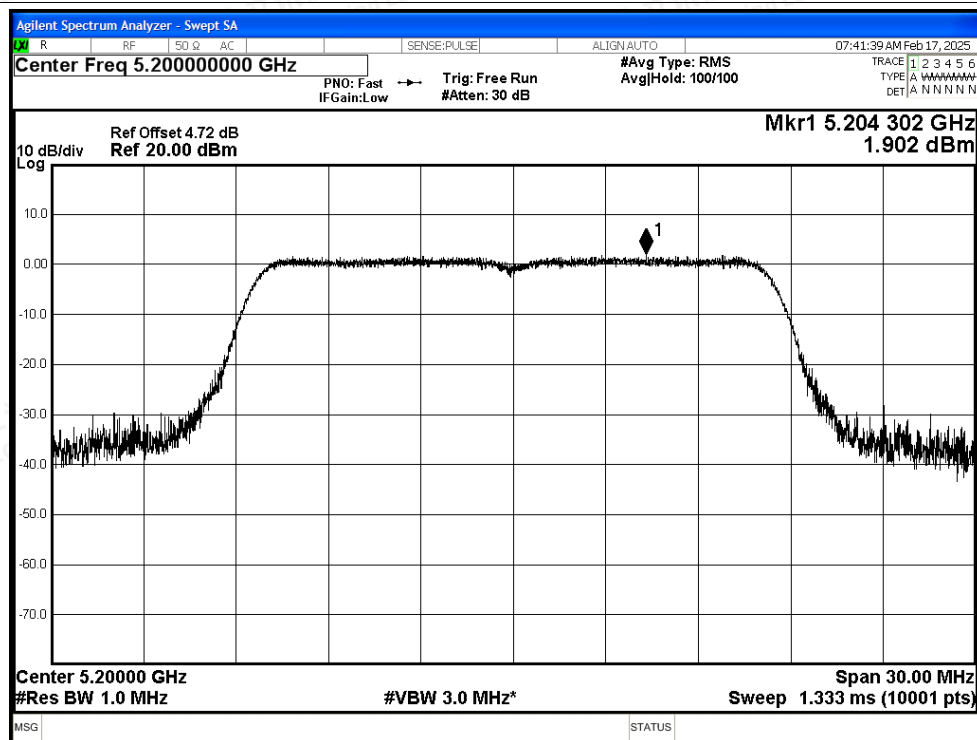


Test Graphs

PSD NVNT a 5180MHz Ant4



PSD NVNT a 5200MHz Ant4



Shenzhen LCS Compliance Testing Laboratory Ltd.

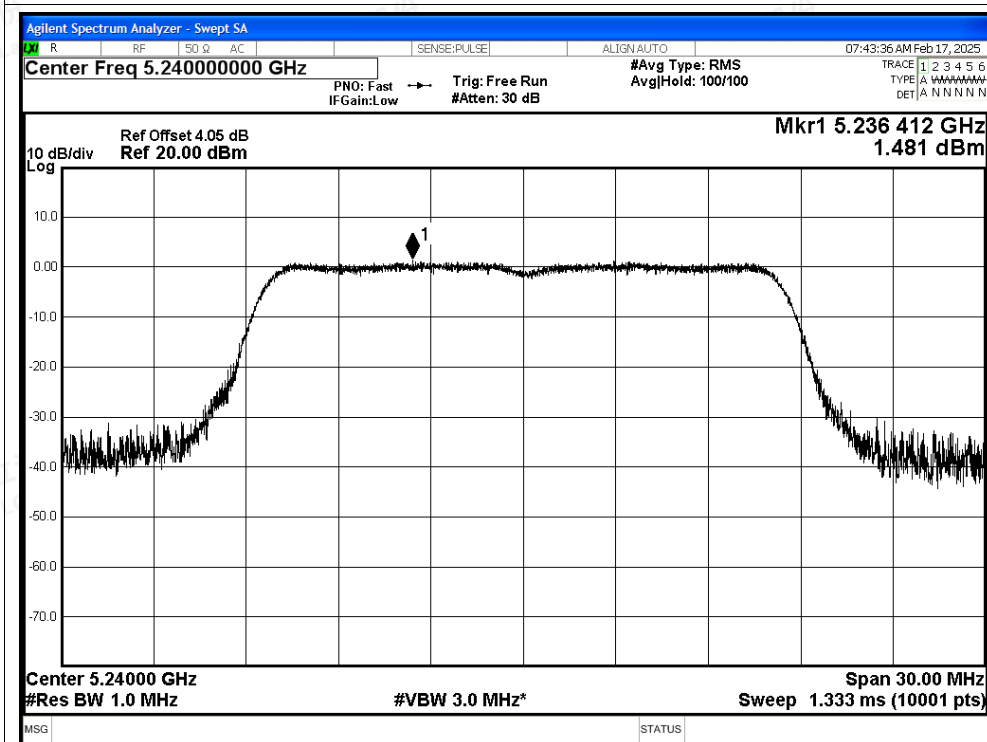
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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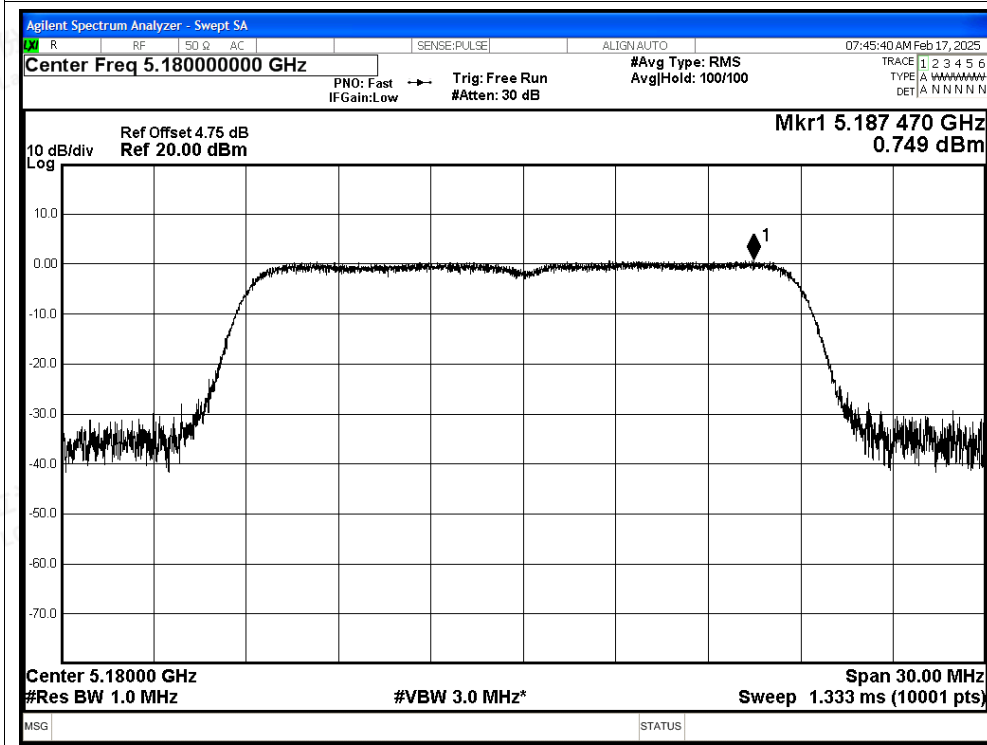
Scan code to check authenticity



PSD NVNT a 5240MHz Ant4



PSD NVNT n20 5180MHz Ant4

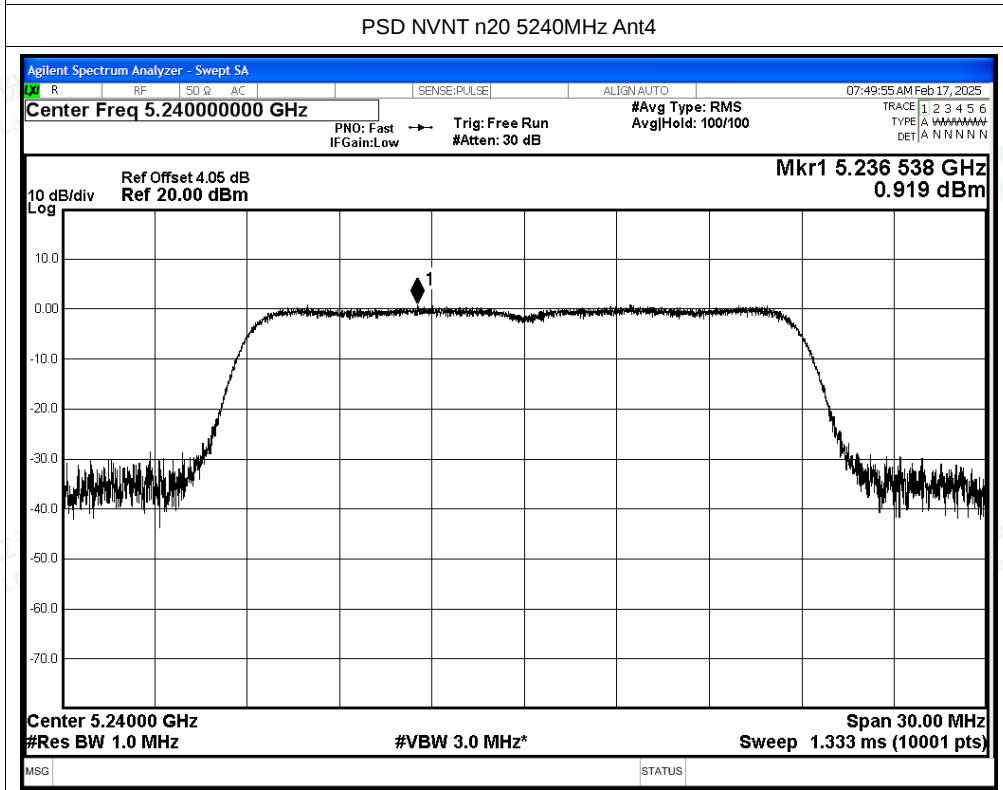
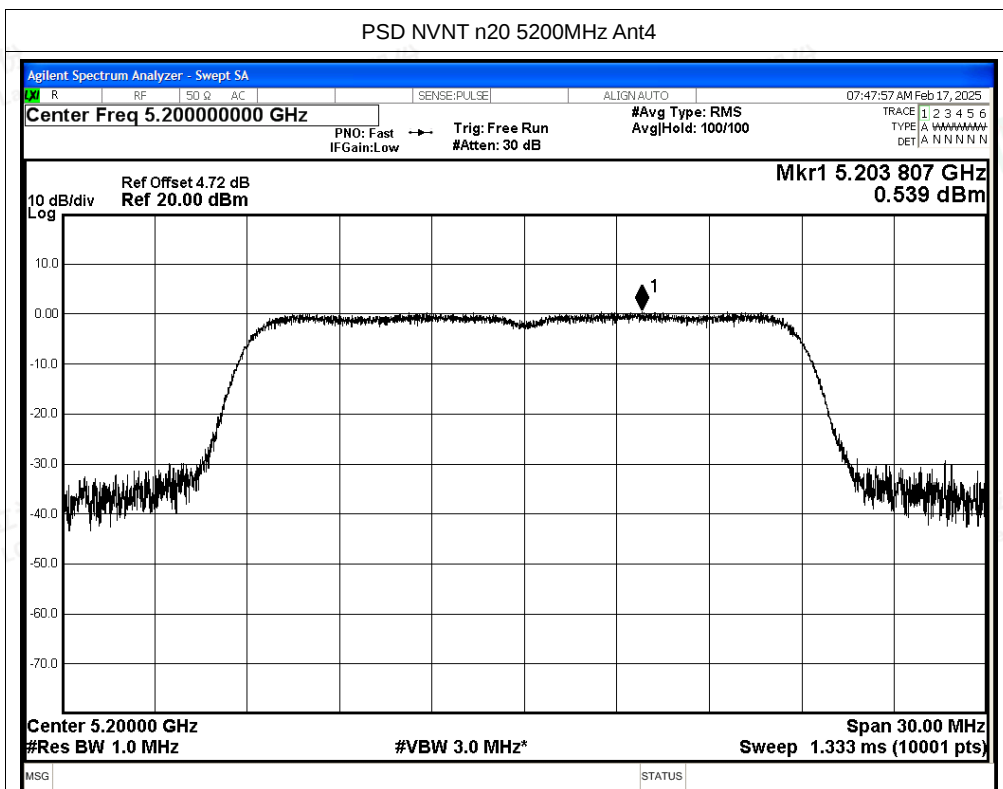


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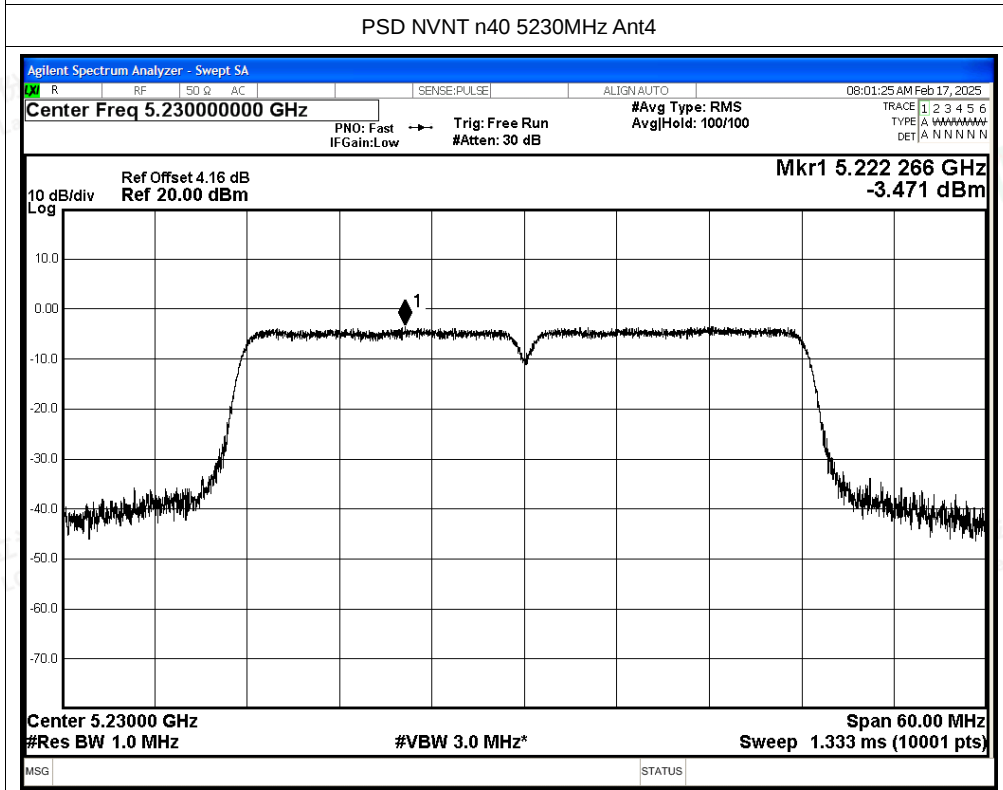
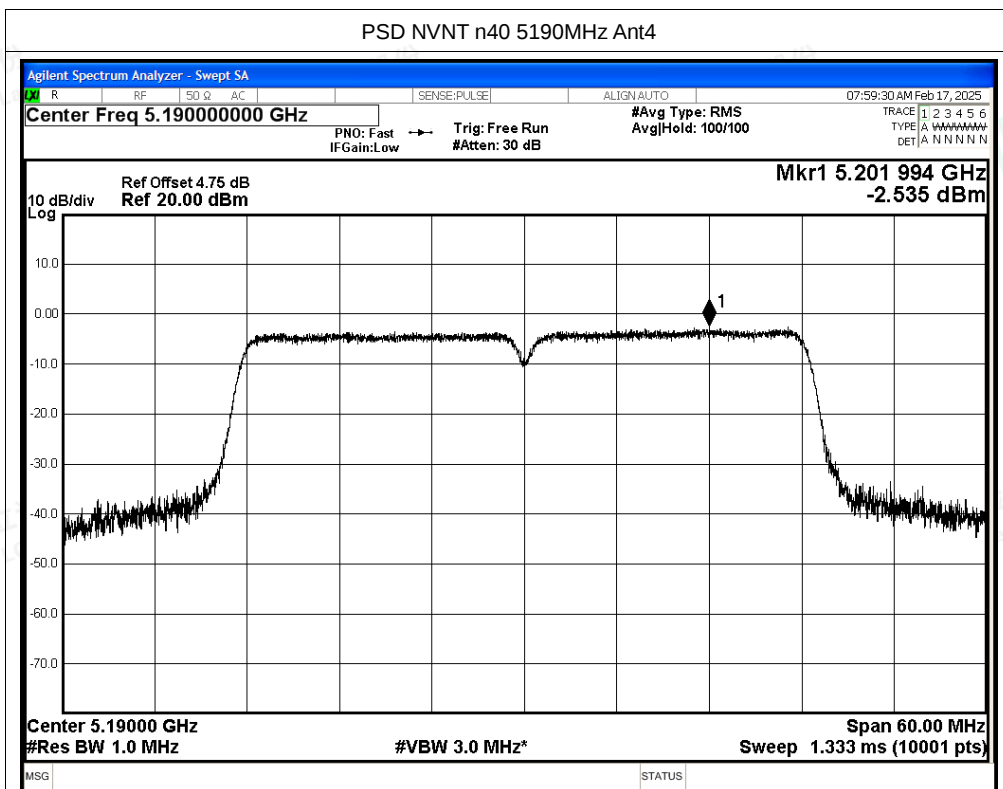


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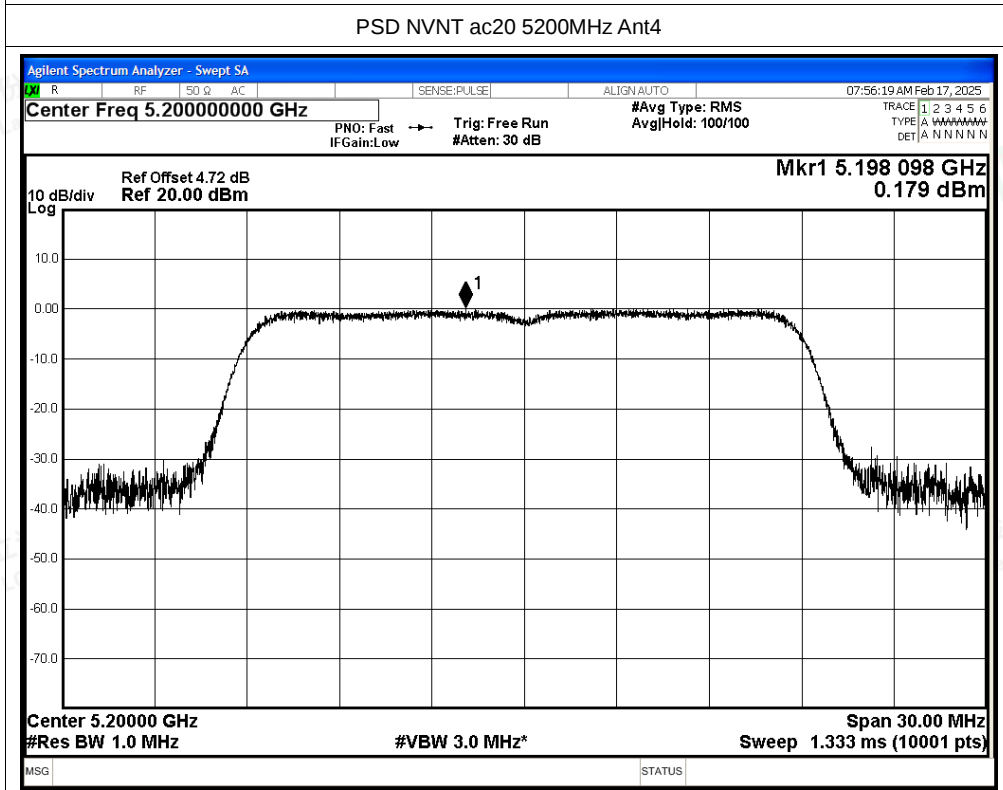
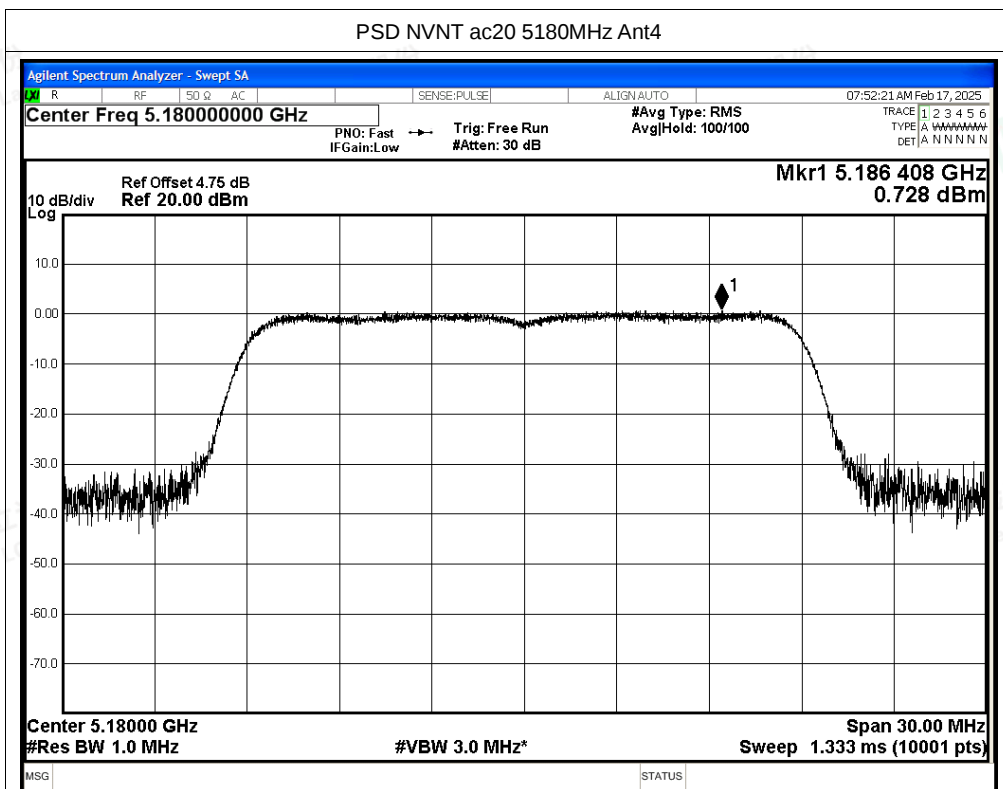


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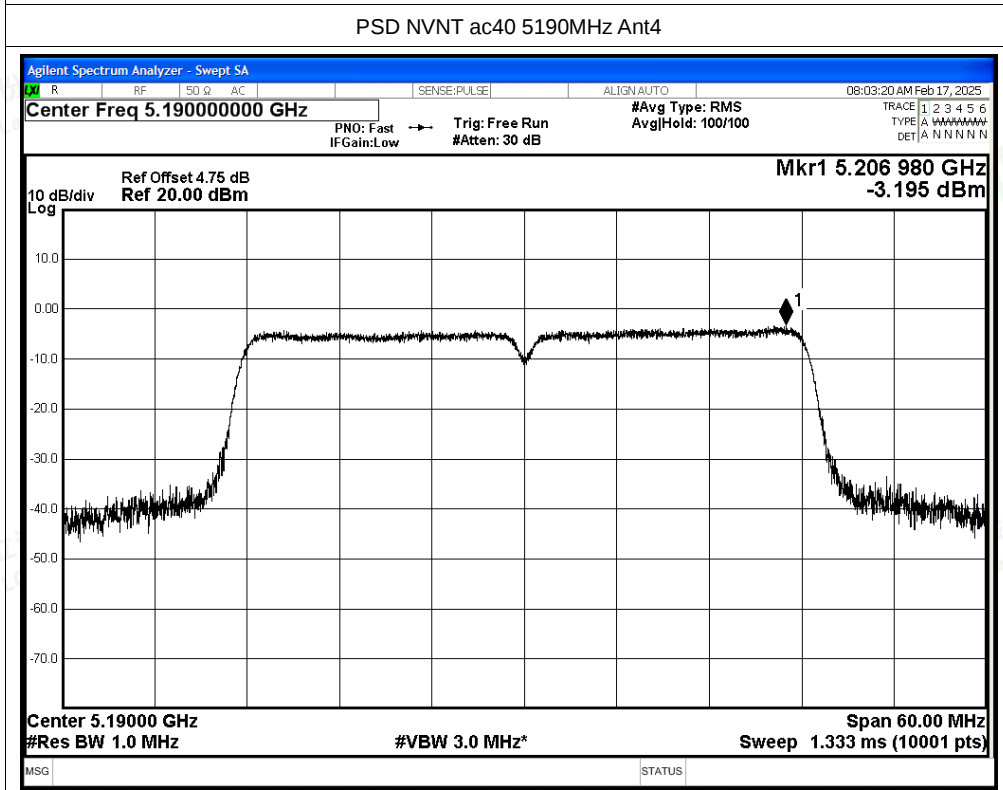
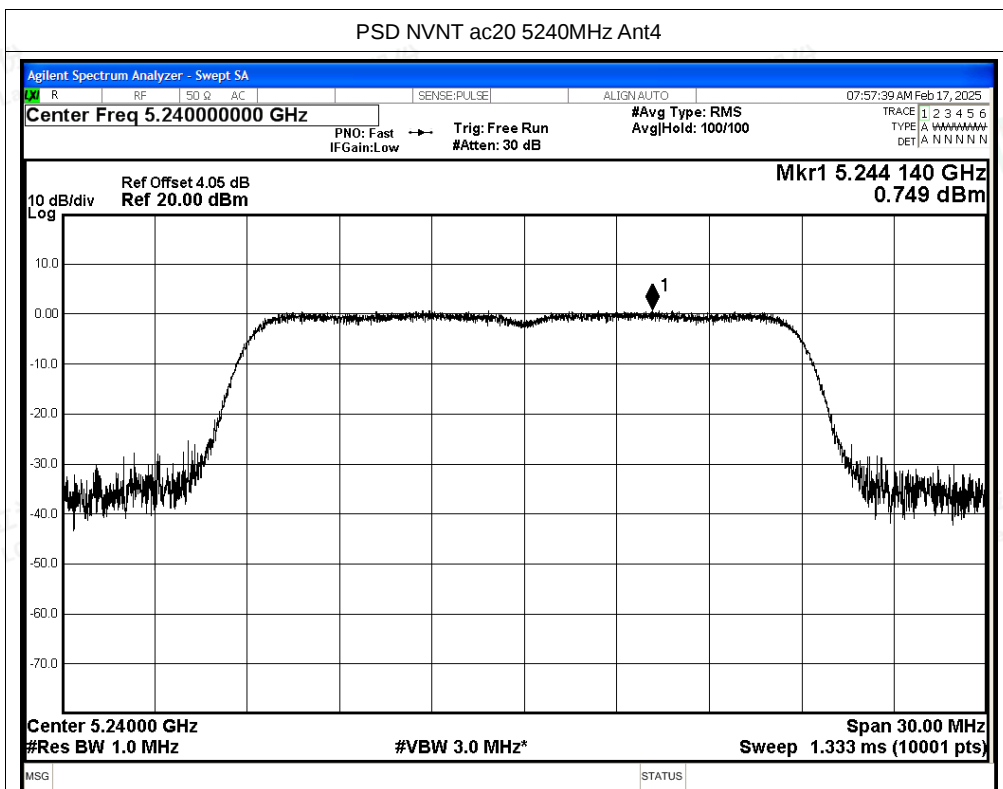


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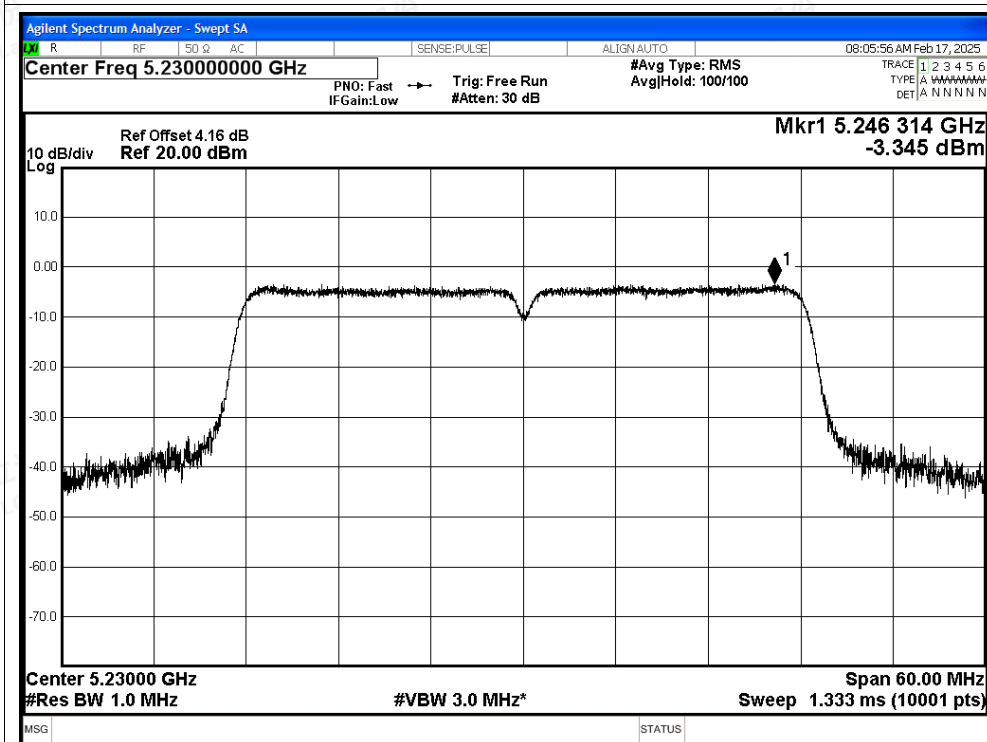
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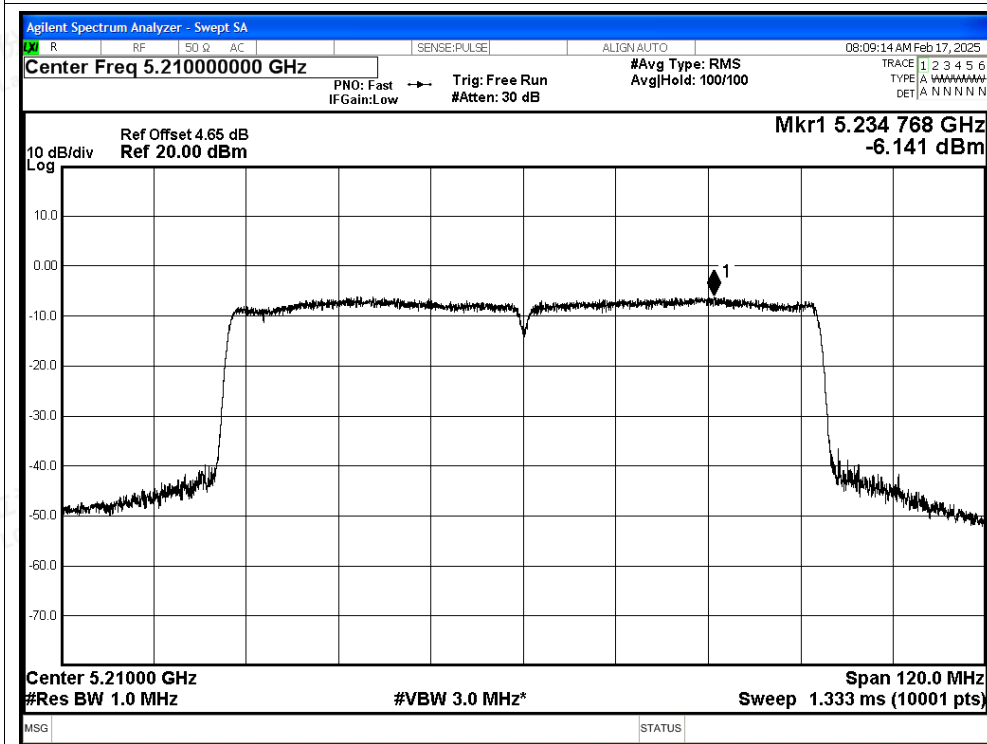
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PSD NVNT ac40 5230MHz Ant4



PSD NVNT ac80 5210MHz Ant4



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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	Ant1	4500	-49.09	2.88	-	49.02	Peak	68.2	Pass
NVNT	a	5180	Ant1	4500	-57.86	2.88	0.24	40.49	Average	54	Pass
NVNT	a	5180	Ant1	5147.5	-42.28	2.88	-	55.83	Peak	68.2	Pass
NVNT	a	5180	Ant1	5149.6	-54.5	2.88	0.24	43.85	Average	54	Pass
NVNT	a	5180	Ant1	5150	-44.46	2.88	-	53.65	Peak	68.2	Pass
NVNT	a	5180	Ant1	5150	-54.59	2.88	0.24	43.76	Average	54	Pass
NVNT	a	5240	Ant1	5350	-48.96	2.88	-	49.15	Peak	68.2	Pass
NVNT	a	5240	Ant1	5350	-57.07	2.88	0.24	41.28	Average	54	Pass
NVNT	a	5240	Ant1	5399.28	-46.63	2.88	-	51.48	Peak	68.2	Pass
NVNT	a	5240	Ant1	5437.92	-56.26	2.88	0.24	42.09	Average	54	Pass
NVNT	a	5240	Ant1	5460	-48.33	2.88	-	49.78	Peak	68.2	Pass
NVNT	a	5240	Ant1	5460	-57.33	2.88	0.24	41.02	Average	54	Pass
NVNT	n20	5180	Ant1	4500	-50.03	2.88	-	48.08	Peak	68.2	Pass
NVNT	n20	5180	Ant1	4500	-57.32	2.88	0.12	40.91	Average	54	Pass
NVNT	n20	5180	Ant1	5149.6	-43.59	2.88	-	54.52	Peak	68.2	Pass
NVNT	n20	5180	Ant1	5149.6	-53.45	2.88	0.12	44.78	Average	54	Pass
NVNT	n20	5180	Ant1	5150	-43.62	2.88	-	54.49	Peak	68.2	Pass
NVNT	n20	5180	Ant1	5150	-53.14	2.88	0.12	45.09	Average	54	Pass
NVNT	n20	5240	Ant1	5350	-47.38	2.88	-	50.73	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5350	-56.94	2.88	0.12	41.29	Average	54	Pass
NVNT	n20	5240	Ant1	5414.16	-46.37	2.88	-	51.74	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5352.96	-56.24	2.88	0.12	41.99	Average	54	Pass
NVNT	n20	5240	Ant1	5460	-47.59	2.88	-	50.52	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5460	-57.33	2.88	0.12	40.90	Average	54	Pass
NVNT	n40	5190	Ant1	4500	-49	2.88	-	49.11	Peak	68.2	Pass
NVNT	n40	5190	Ant1	4500	-57.45	2.88	0.24	40.90	Average	54	Pass
NVNT	n40	5190	Ant1	5146.78	-41.74	2.88	-	56.37	Peak	68.2	Pass
NVNT	n40	5190	Ant1	5149.7	-53.29	2.88	0.24	45.06	Average	54	Pass
NVNT	n40	5190	Ant1	5150	-42.67	2.88	-	55.44	Peak	68.2	Pass
NVNT	n40	5190	Ant1	5150	-53.29	2.88	0.24	45.06	Average	54	Pass
NVNT	n40	5230	Ant1	5350	-50.48	2.88	-	47.63	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5350	-57.84	2.88	0.24	40.51	Average	54	Pass
NVNT	n40	5230	Ant1	5400.06	-45.89	2.88	-	52.22	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5430.03	-56.27	2.88	0.24	42.08	Average	54	Pass
NVNT	n40	5230	Ant1	5460	-48.91	2.88	-	49.20	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5460	-56.53	2.88	0.24	41.82	Average	54	Pass
NVNT	ac20	5180	Ant1	4500	-49.98	2.88	-	48.13	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	4500	-57.44	2.88	0.12	40.79	Average	54	Pass



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NVNT	ac20	5180	Ant1	5149.6	-41.91	2.88	-	56.20	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	5148.2	-54.32	2.88	0.12	43.91	Average	54	Pass
NVNT	ac20	5180	Ant1	5150	-44.47	2.88	-	53.64	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	5150	-53.37	2.88	0.12	44.86	Average	54	Pass
NVNT	ac20	5240	Ant1	5350	-48.44	2.88	-	49.67	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5350	-57.22	2.88	0.12	41.01	Average	54	Pass
NVNT	ac20	5240	Ant1	5428.32	-46.04	2.88	-	52.07	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5459.04	-56.25	2.88	0.12	41.98	Average	54	Pass
NVNT	ac20	5240	Ant1	5460	-49.85	2.88	-	48.26	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5460	-56.88	2.88	0.12	41.35	Average	54	Pass
NVNT	ac40	5190	Ant1	4500	-48.62	2.88	-	49.49	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	4500	-57.07	2.88	0.24	41.28	Average	54	Pass
NVNT	ac40	5190	Ant1	5149.7	-41.85	2.88	-	56.26	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	5148.97	-53.43	2.88	0.24	44.92	Average	54	Pass
NVNT	ac40	5190	Ant1	5150	-41.85	2.88	-	56.26	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	5150	-53.67	2.88	0.24	44.68	Average	54	Pass
NVNT	ac40	5230	Ant1	5350	-49.2	2.88	-	48.91	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5350	-57.07	2.88	0.24	41.28	Average	54	Pass
NVNT	ac40	5230	Ant1	5358.21	-44.4	2.88	-	53.71	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5427.06	-56.22	2.88	0.24	42.13	Average	54	Pass
NVNT	ac40	5230	Ant1	5460	-48.33	2.88	-	49.78	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5460	-57.51	2.88	0.24	40.84	Average	54	Pass
NVNT	ac80	5210	Ant1	5350	-46.9	2.88	-	51.21	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5350	-56.42	2.88	0.25	41.94	Average	54	Pass
NVNT	ac80	5210	Ant1	5398.62	-45.36	2.88	-	52.75	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5387.07	-55.28	2.88	0.25	43.08	Average	54	Pass
NVNT	ac80	5210	Ant1	5460	-47.15	2.88	-	50.96	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5460	-57.05	2.88	0.25	41.31	Average	54	Pass
NVNT	ac80	5210	Ant1	4500	-49.41	2.88	-	48.70	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	4500	-57.75	2.88	0.25	40.61	Average	54	Pass
NVNT	ac80	5210	Ant1	5147.01	-43.02	2.88	-	55.09	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5149.38	-53.12	2.88	0.25	45.24	Average	54	Pass
NVNT	ac80	5210	Ant1	5150	-41.48	2.88	-	56.63	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5150	-53.4	2.88	0.25	44.96	Average	54	Pass



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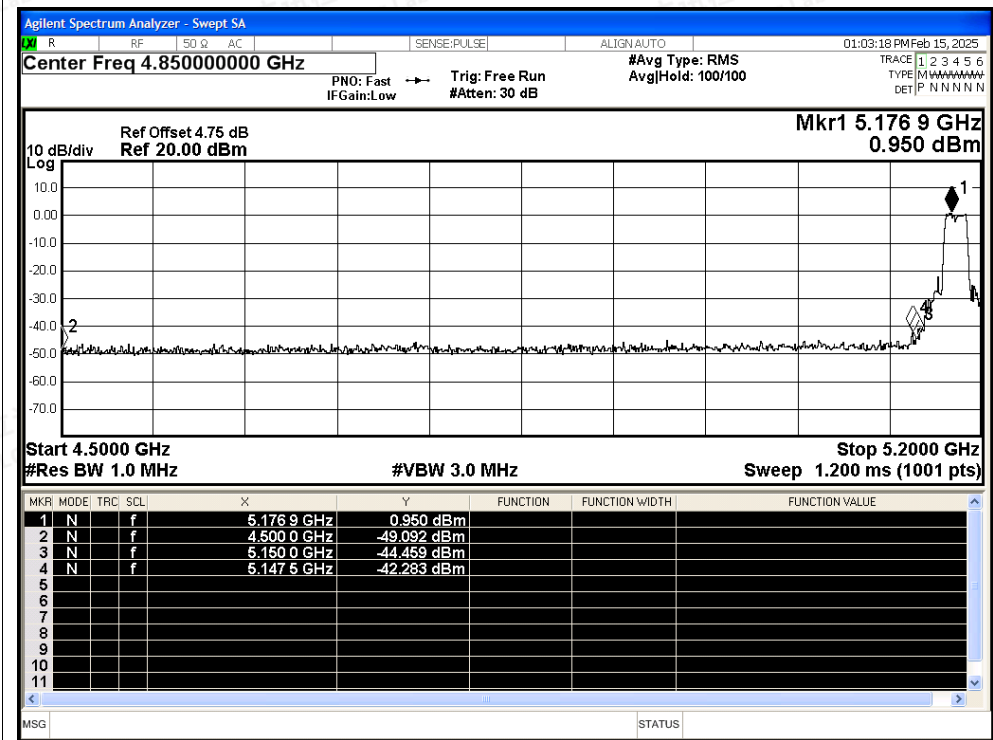
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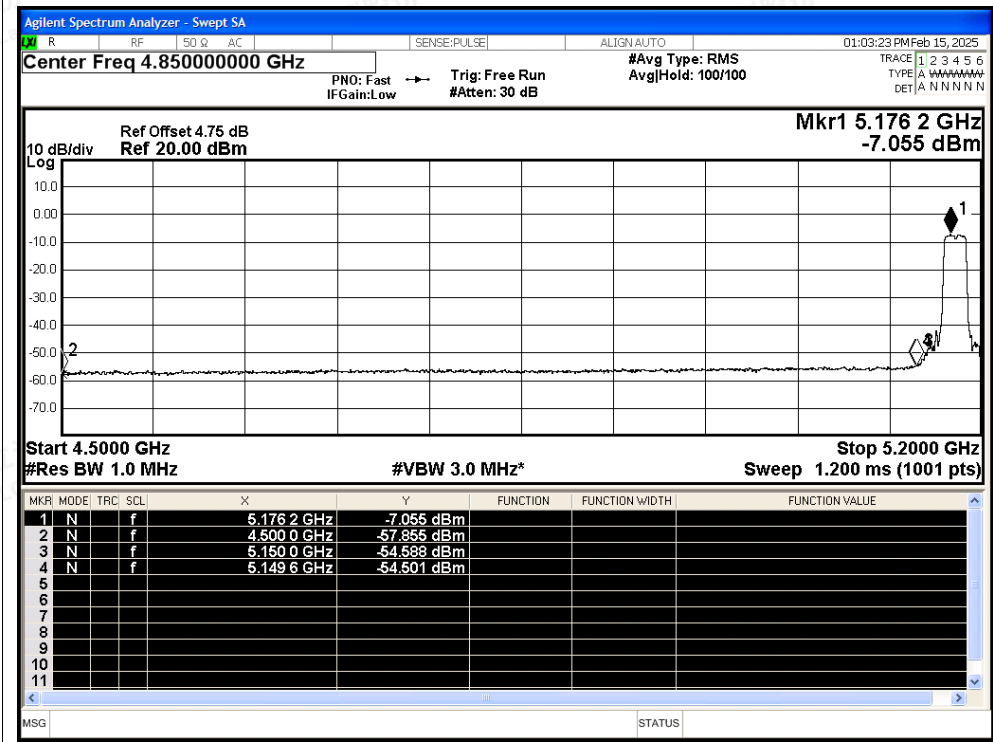


Test Graphs

Restrict Band NVNT a 5180MHz Ant1 Peak

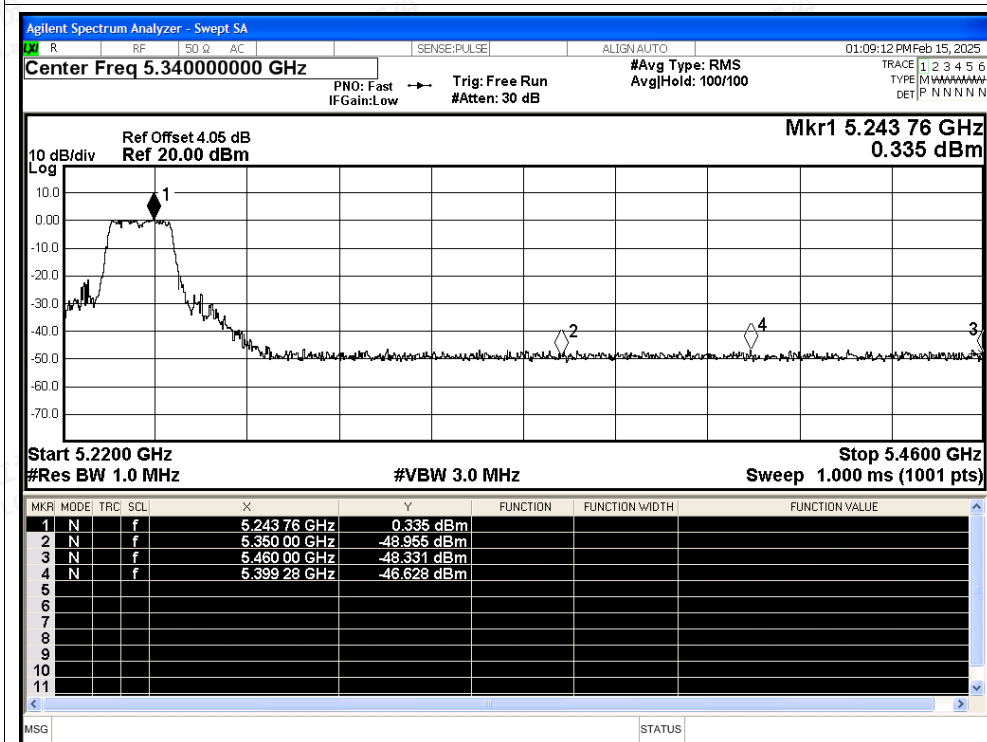


Restrict Band NVNT a 5180MHz Ant1 Average

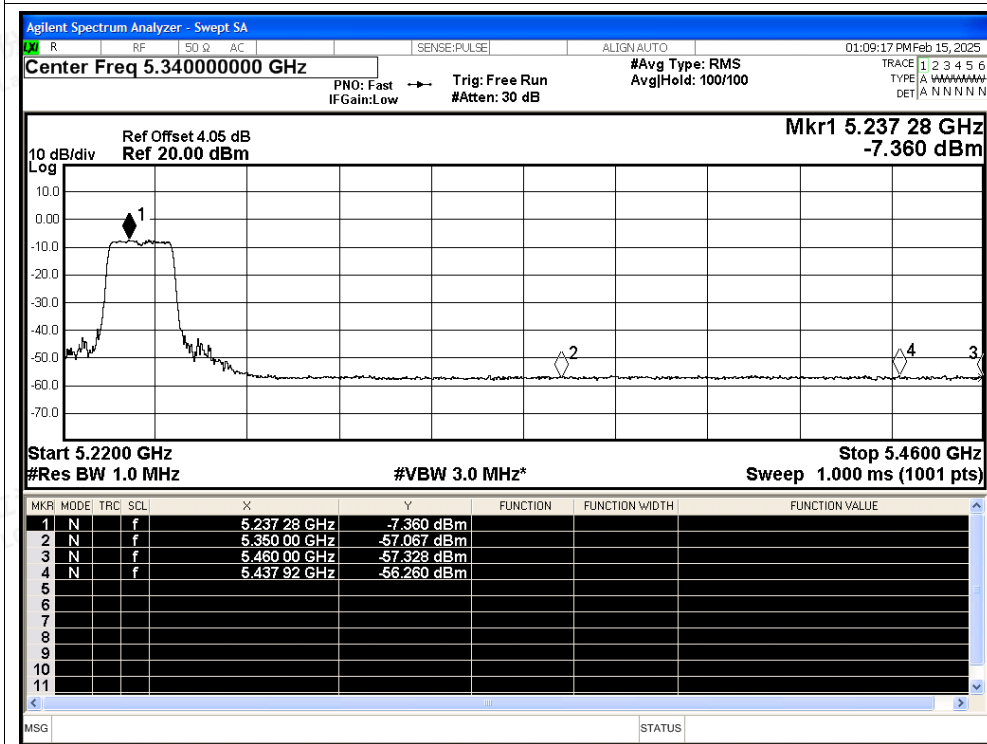




Restrict Band NVNT a 5240MHz Ant1 Peak



Restrict Band NVNT a 5240MHz Ant1 Average



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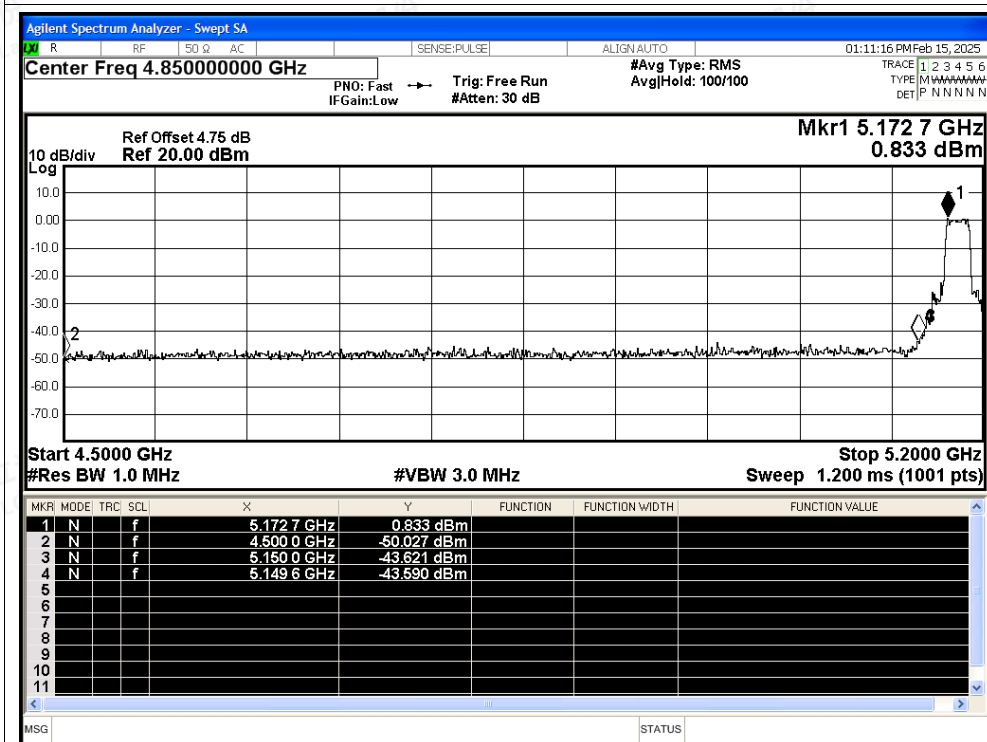
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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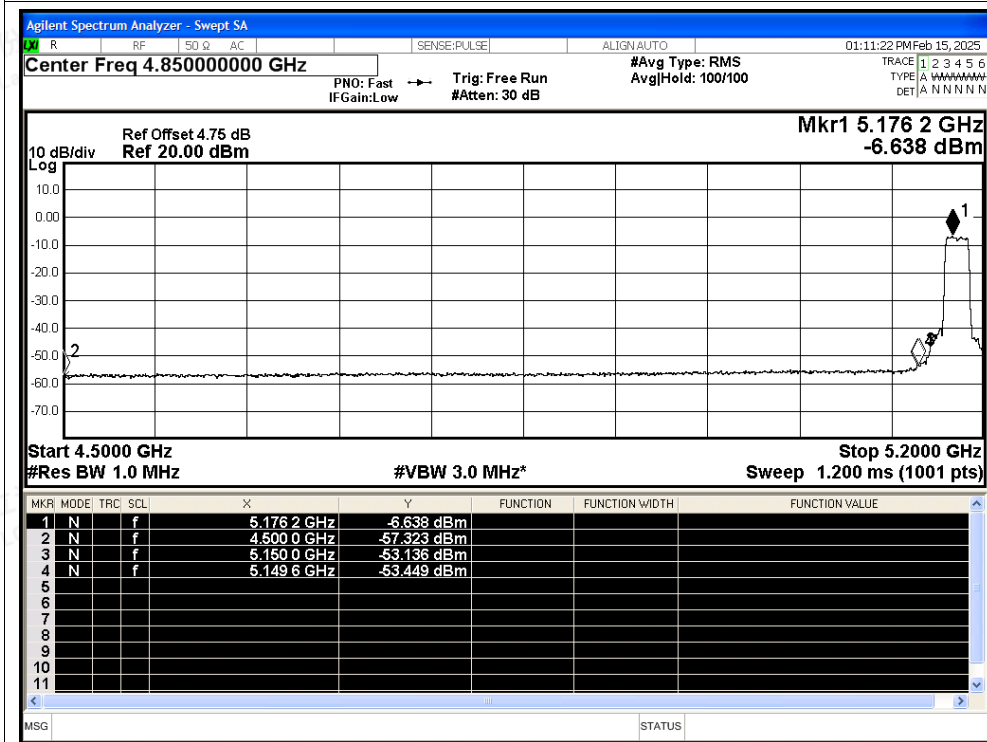
Scan code to check authenticity



Restrict Band NVNT n20 5180MHz Ant1 Peak



Restrict Band NVNT n20 5180MHz Ant1 Average



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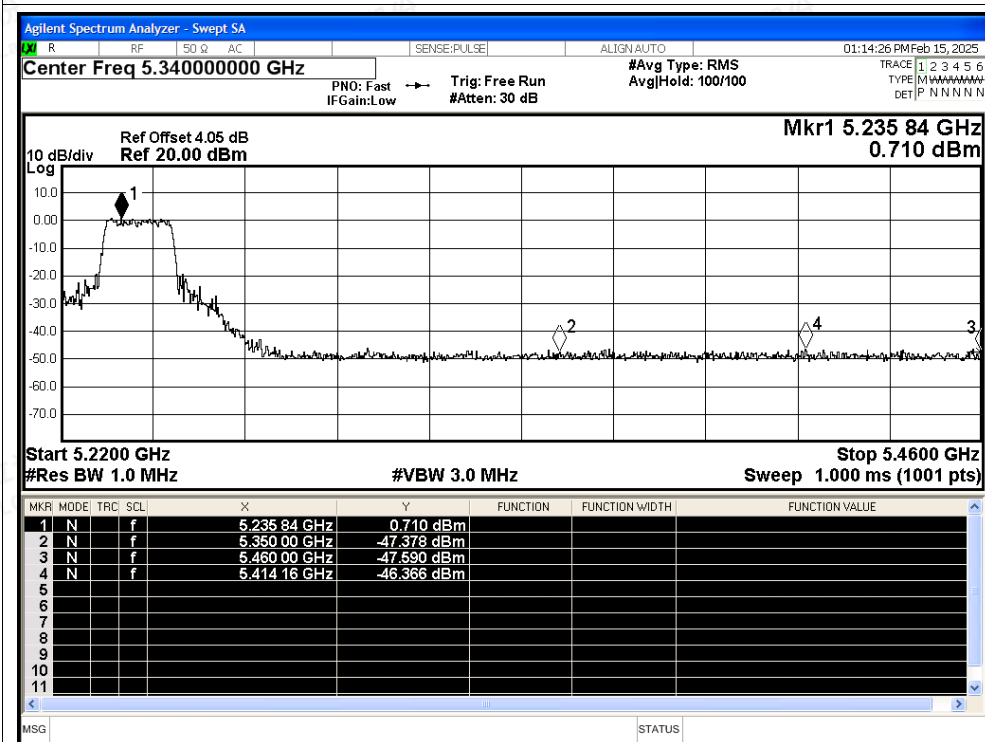
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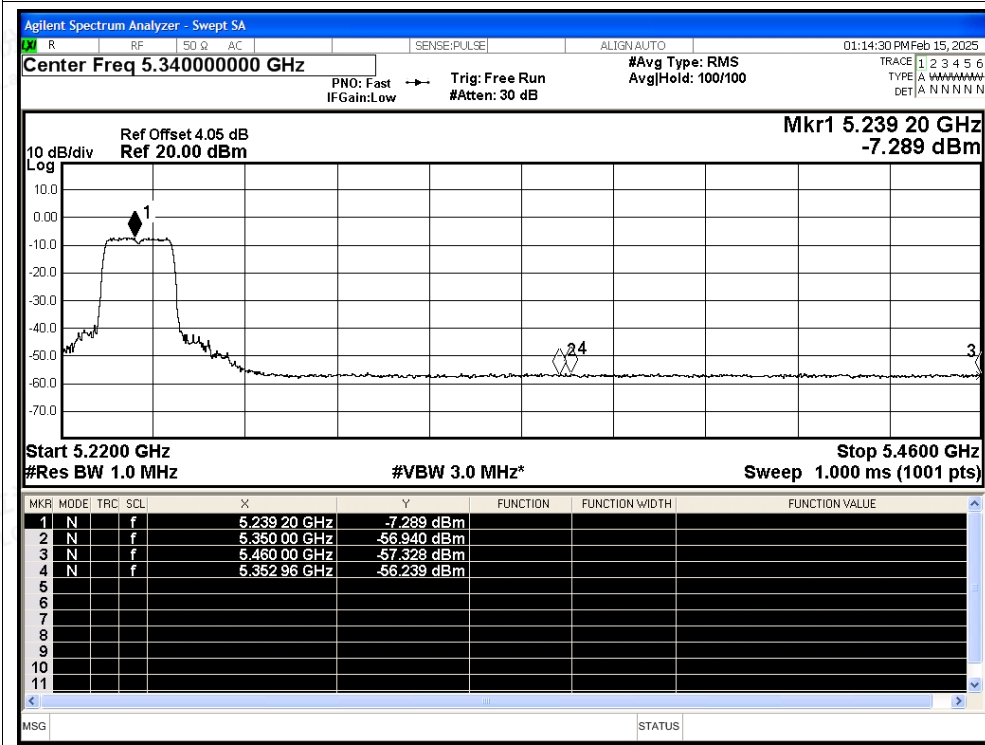
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Restrict Band NVNT n20 5240MHz Ant1 Peak



Restrict Band NVNT n20 5240MHz Ant1 Average



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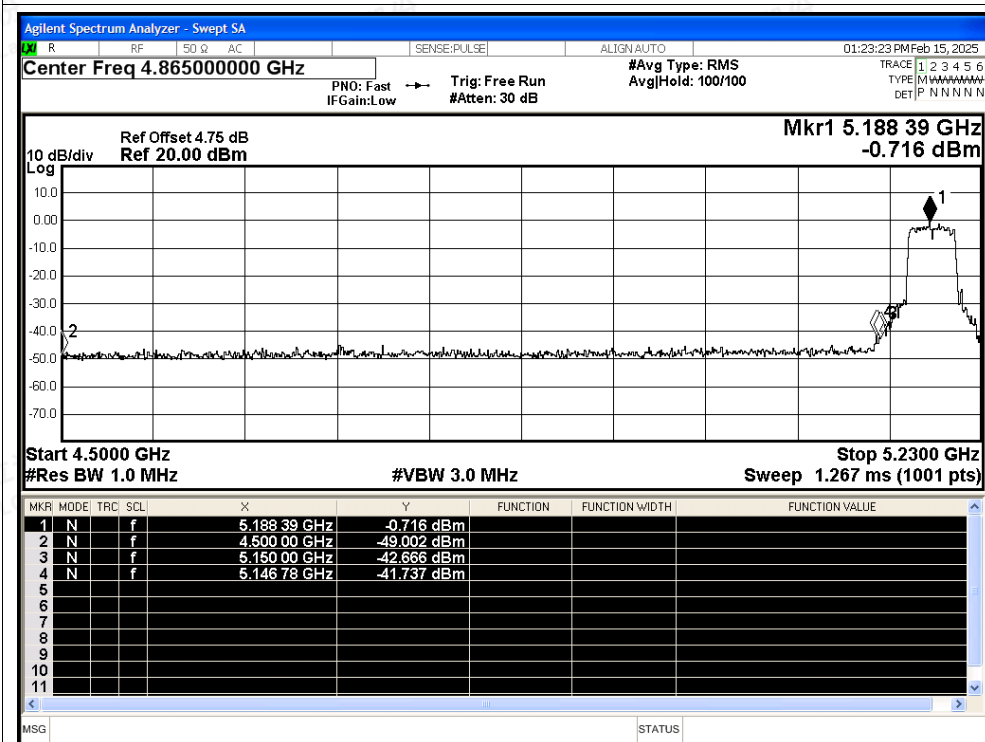
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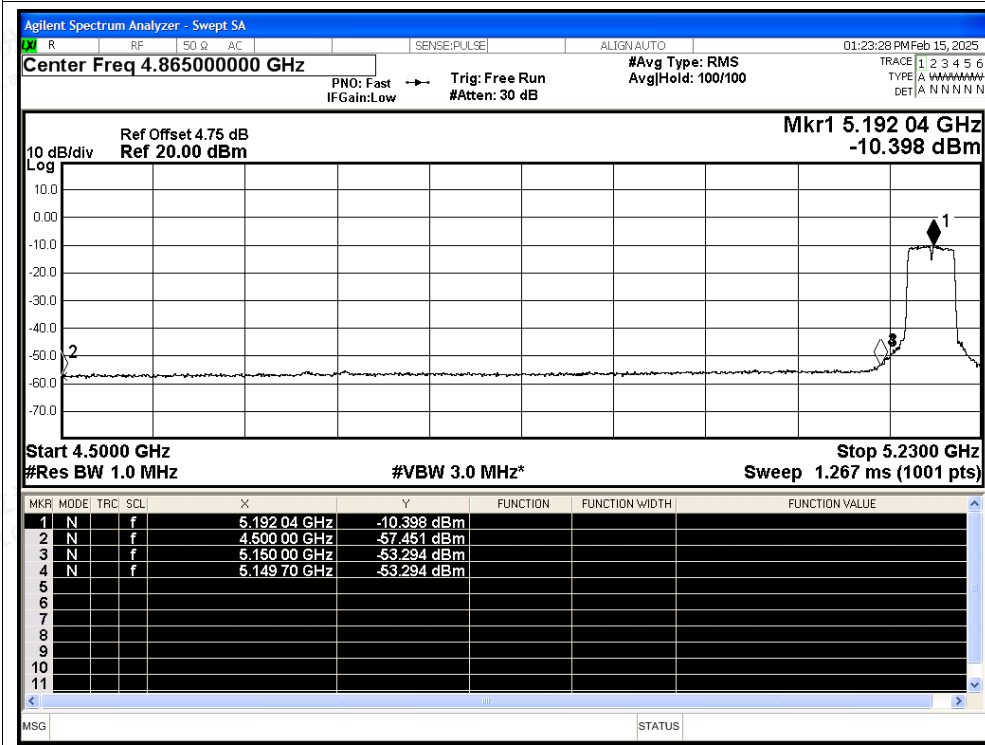
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Restrict Band NVNT n40 5190MHz Ant1 Peak



Restrict Band NVNT n40 5190MHz Ant1 Average



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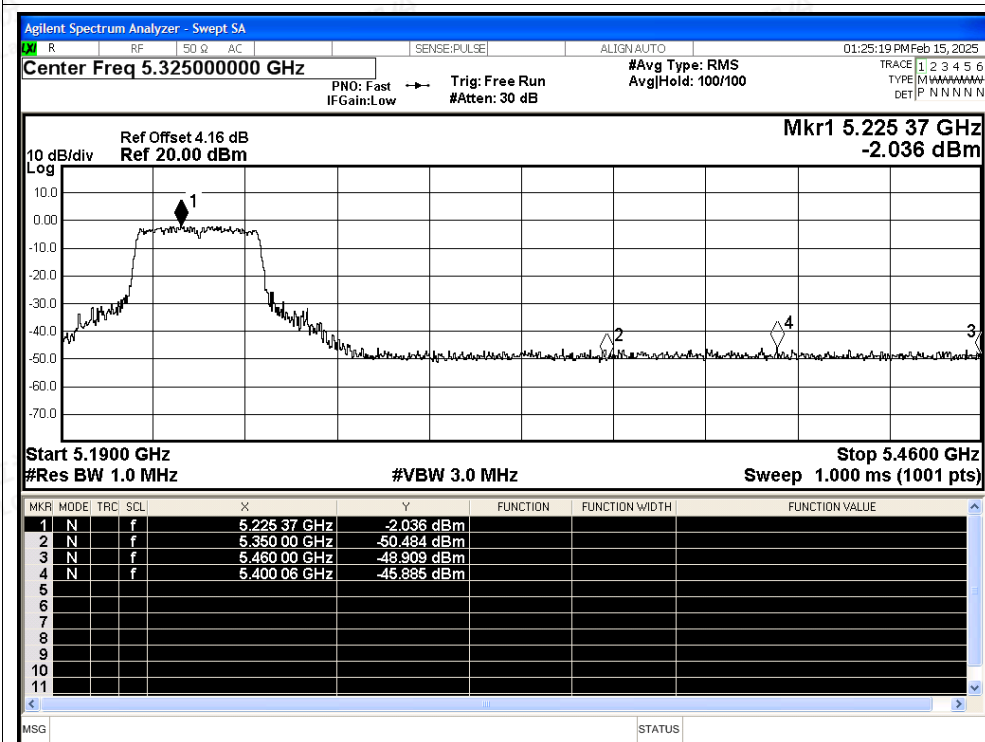
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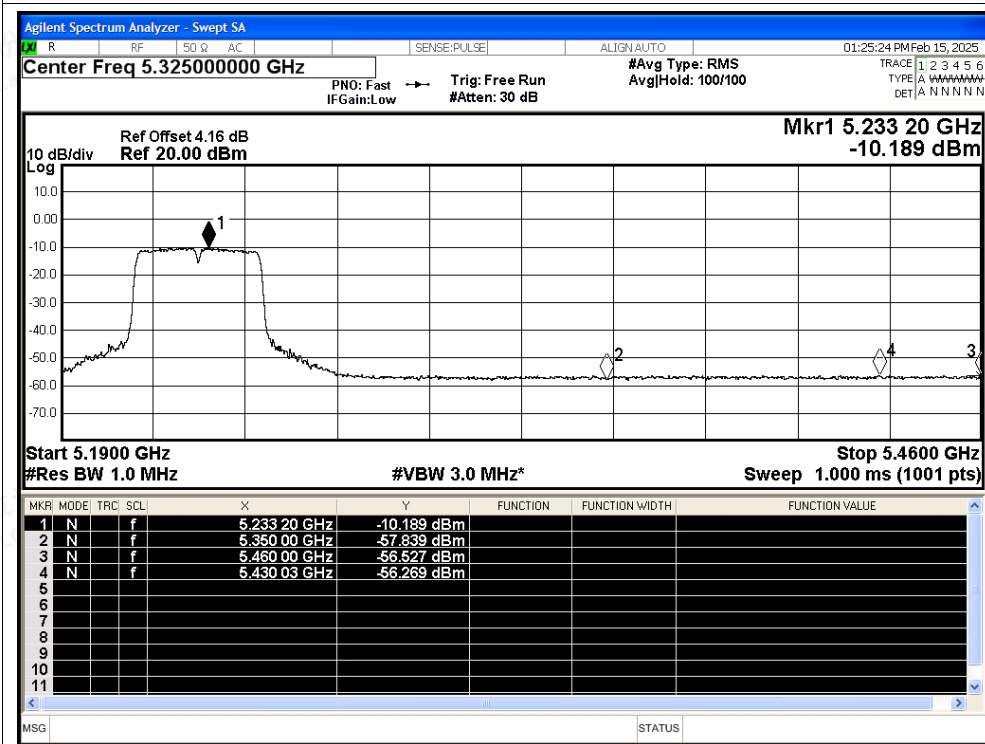
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Restrict Band NVNT n40 5230MHz Ant1 Peak



Restrict Band NVNT n40 5230MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

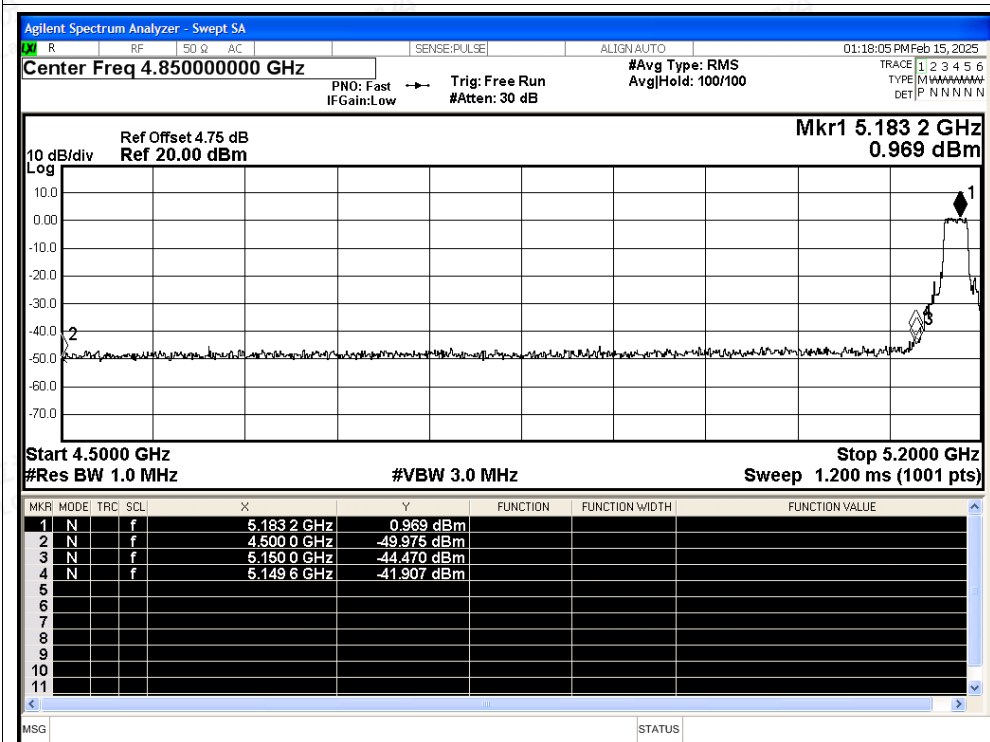
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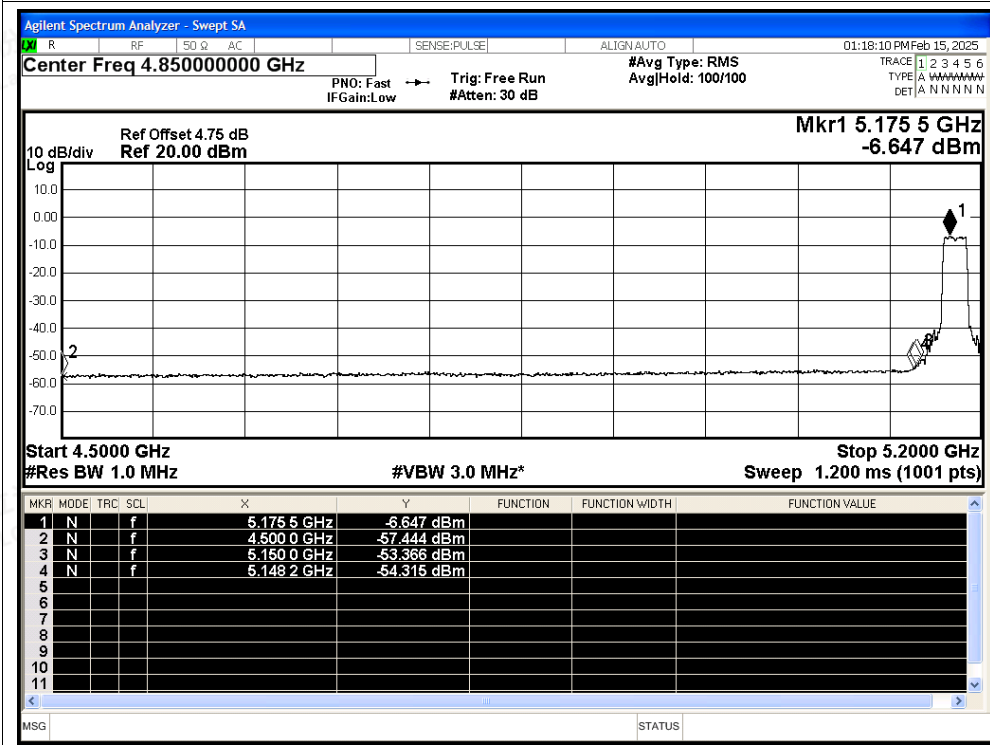
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Restrict Band NVNT ac20 5180MHz Ant1 Peak



Restrict Band NVNT ac20 5180MHz Ant1 Average



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