



Appendix D

RF Test Data for 5.2GWIFI (Conducted Measurement)

Product Name: Aqualink Edge In House Display

Test Model: EDGE-IHD

Environmental Conditions

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





D.1 -26dB Bandwidth

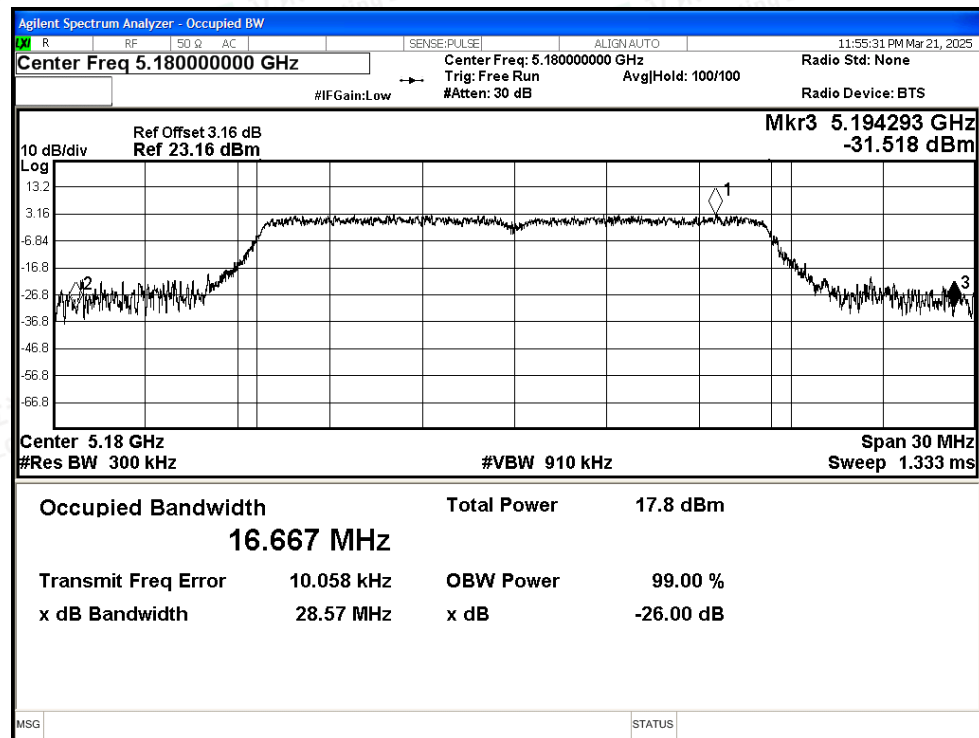
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant	28.566	---	Pass
NVNT	a	5200	Ant	27.162	---	Pass
NVNT	a	5240	Ant	28.565	---	Pass
NVNT	n20	5180	Ant	27.732	---	Pass
NVNT	n20	5200	Ant	26.467	---	Pass
NVNT	n20	5240	Ant	27.455	---	Pass
NVNT	n40	5190	Ant	52.246	---	Pass
NVNT	n40	5230	Ant	44.478	---	Pass
NVNT	ac20	5180	Ant	27.634	---	Pass
NVNT	ac20	5200	Ant	27.61	---	Pass
NVNT	ac20	5240	Ant	28.449	---	Pass
NVNT	ac40	5190	Ant	46.939	---	Pass
NVNT	ac40	5230	Ant	47.711	---	Pass
NVNT	ac80	5210	Ant	87.136	---	Pass
NVNT	ax20	5180	Ant	29.364	---	Pass
NVNT	ax20	5200	Ant	28.639	---	Pass
NVNT	ax20	5240	Ant	28.801	---	Pass
NVNT	ax40	5190	Ant	45.362	---	Pass
NVNT	ax40	5230	Ant	46.602	---	Pass
NVNT	ax80	5210	Ant	85.074	---	Pass



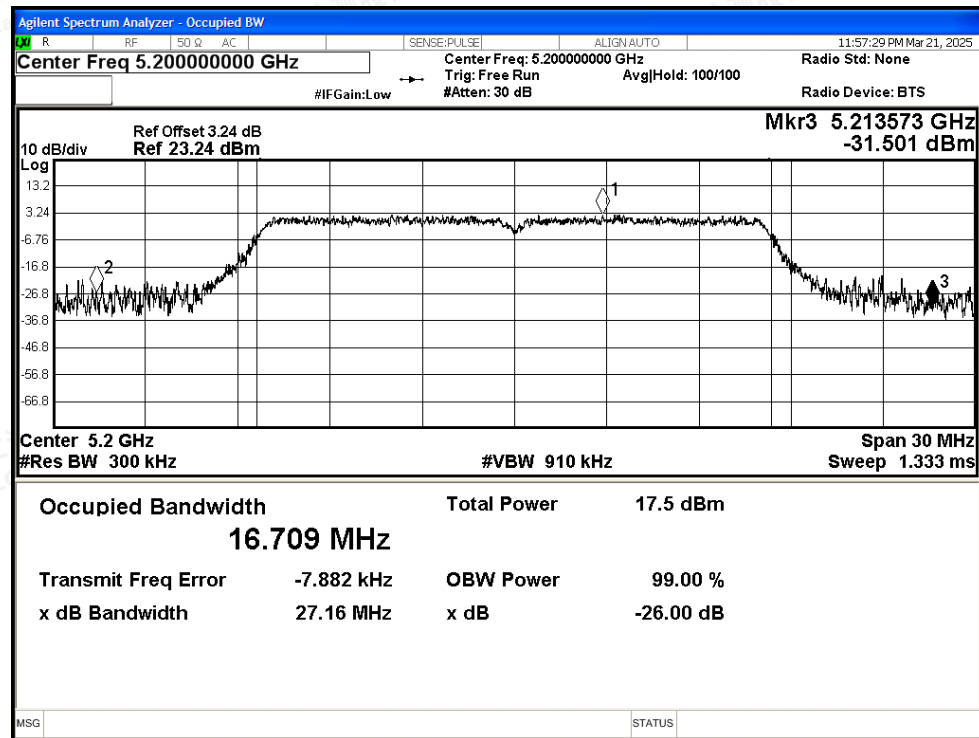


Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant



-26dB Bandwidth NVNT a 5200MHz Ant



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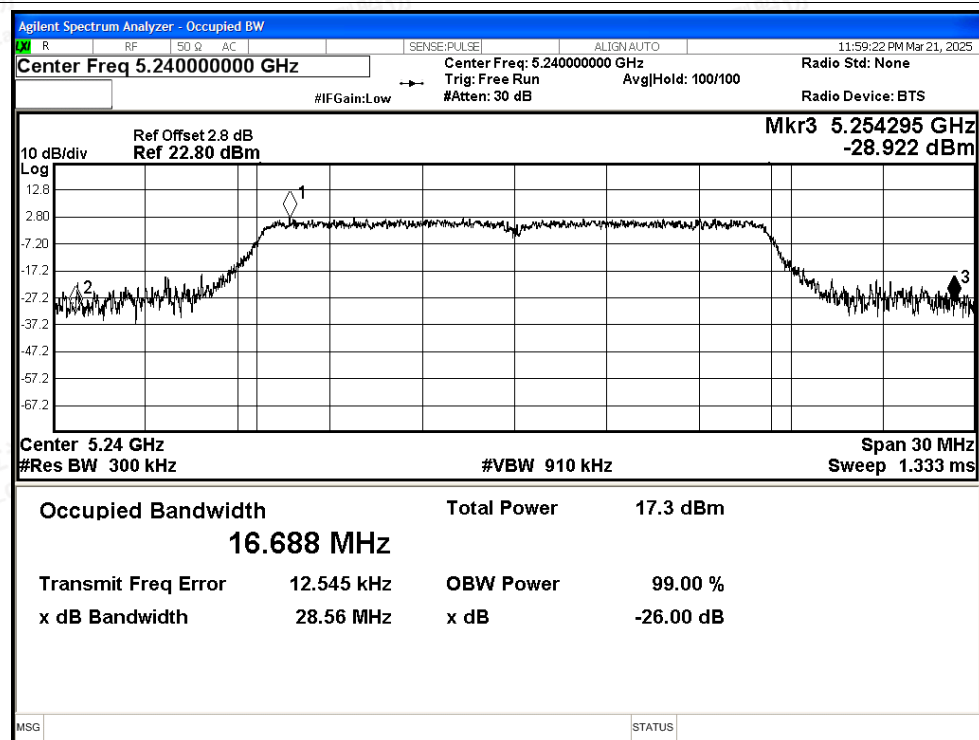
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

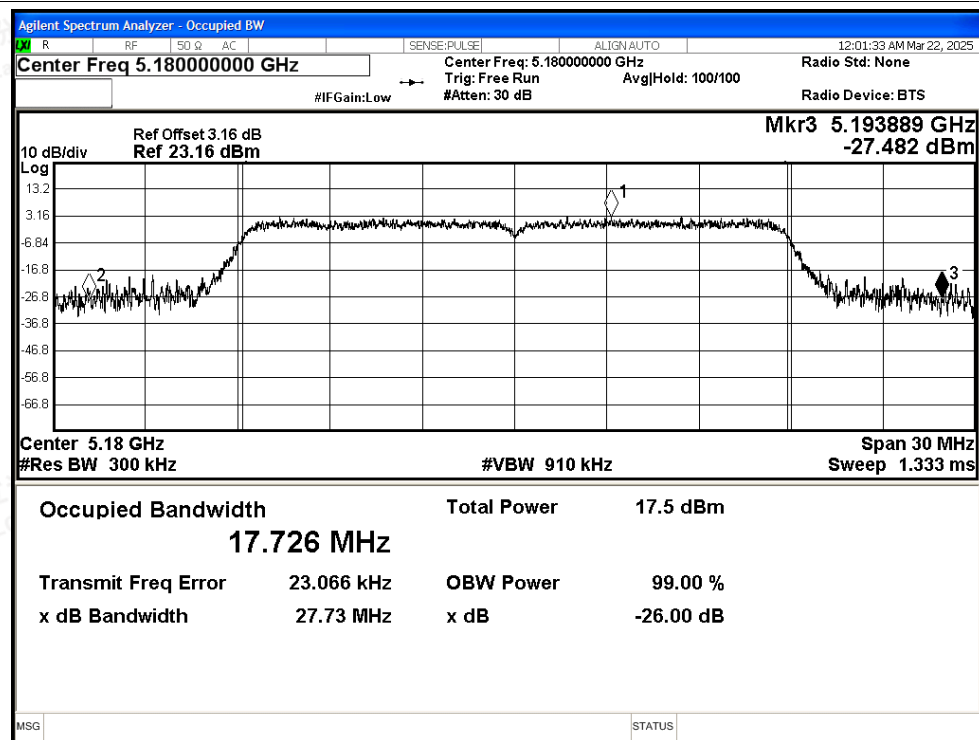
Scan code to check authenticity



-26dB Bandwidth NVNT a 5240MHz Ant

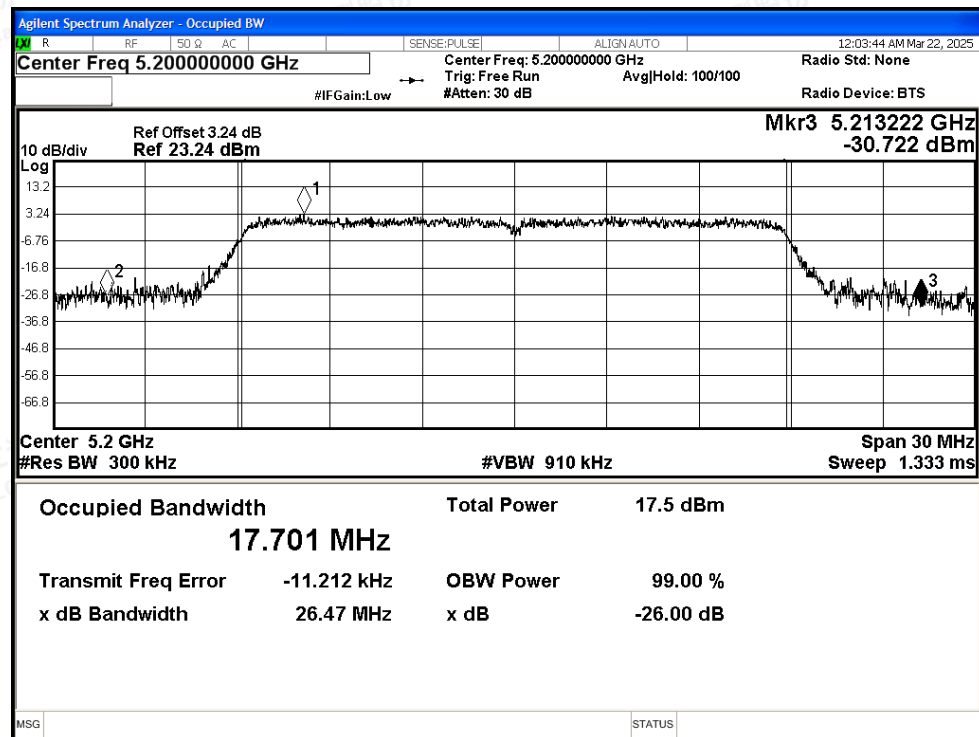


-26dB Bandwidth NVNT n20 5180MHz Ant

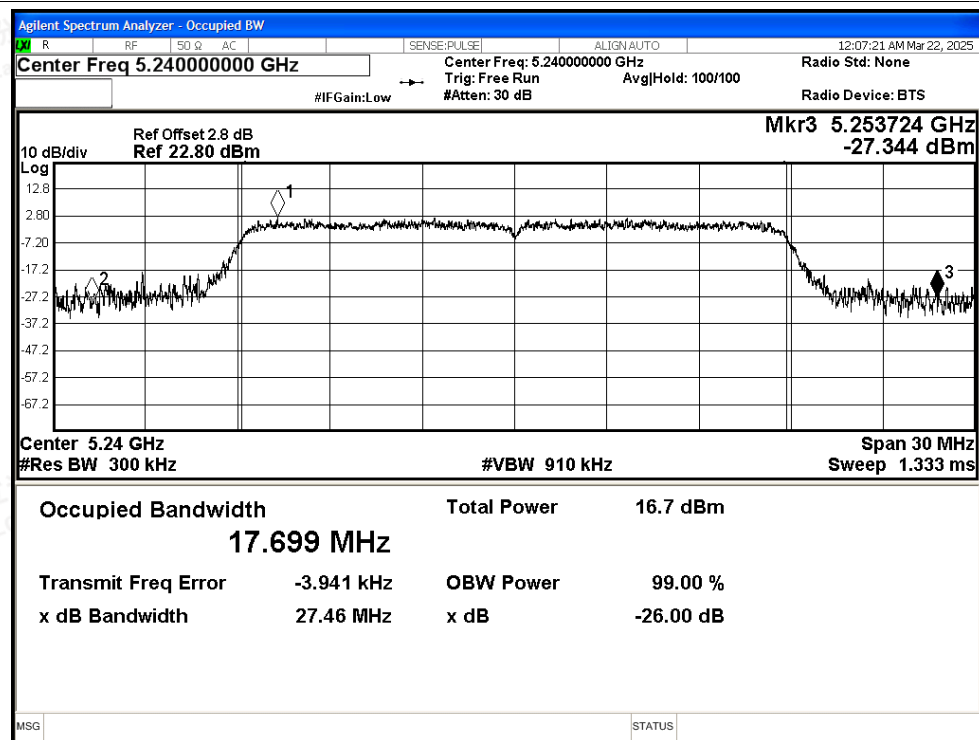




-26dB Bandwidth NVNT n20 5200MHz Ant

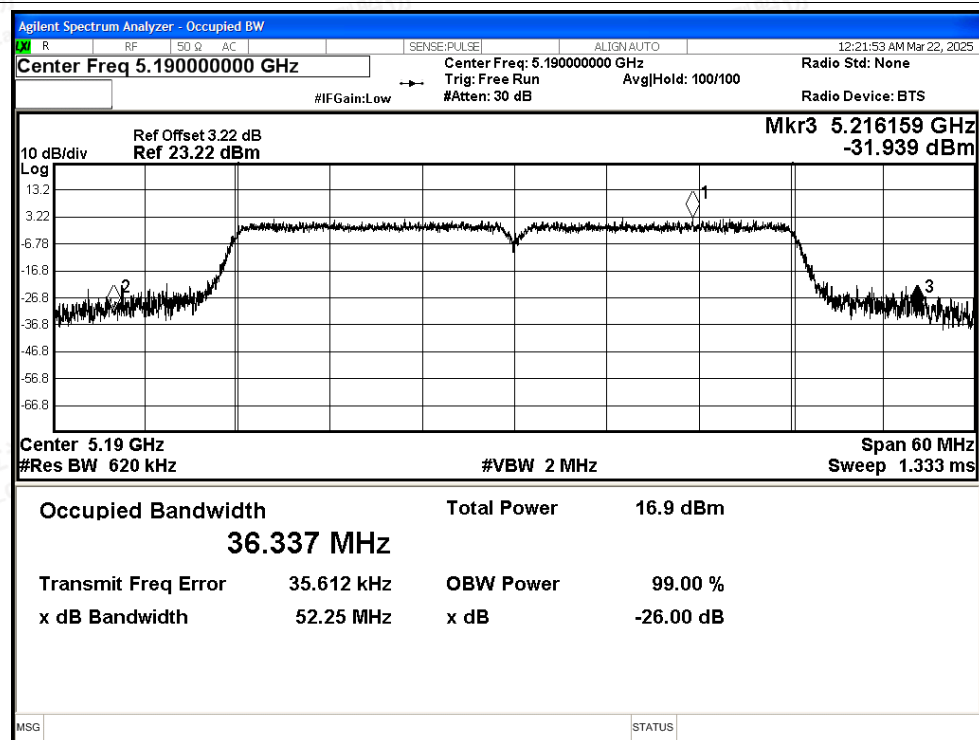


-26dB Bandwidth NVNT n20 5240MHz Ant

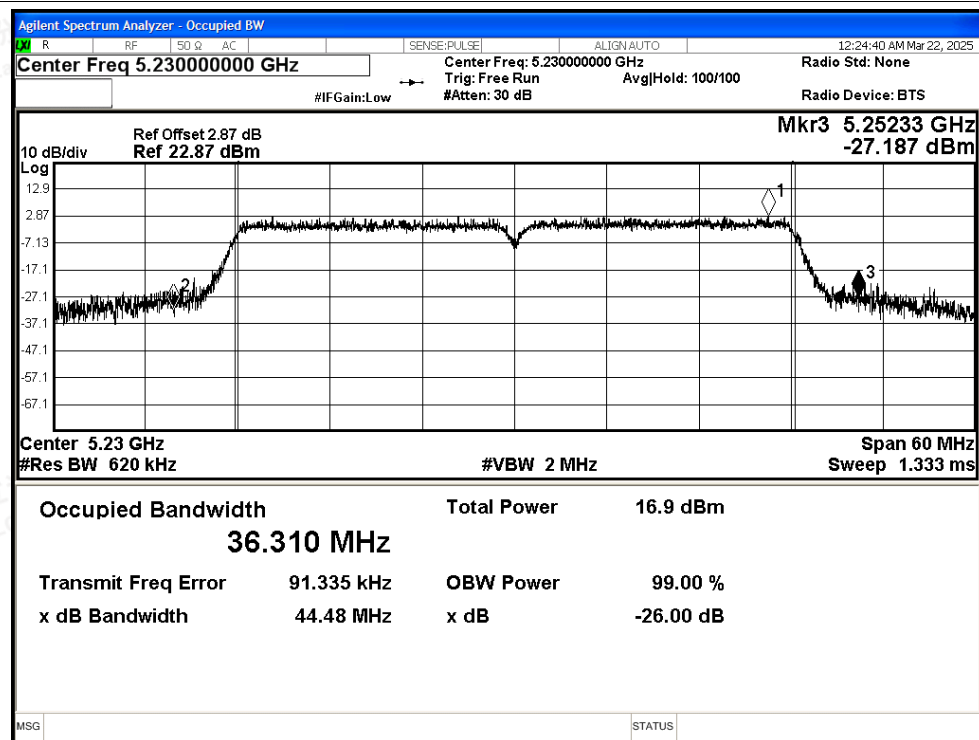




-26dB Bandwidth NVNT n40 5190MHz Ant



-26dB Bandwidth NVNT n40 5230MHz Ant



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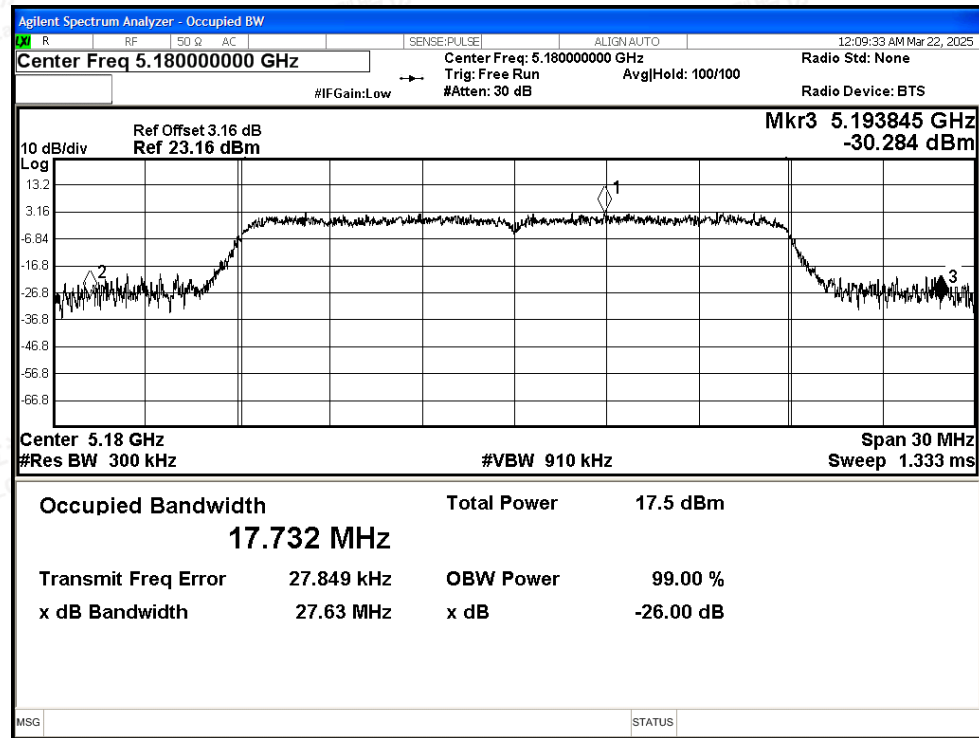
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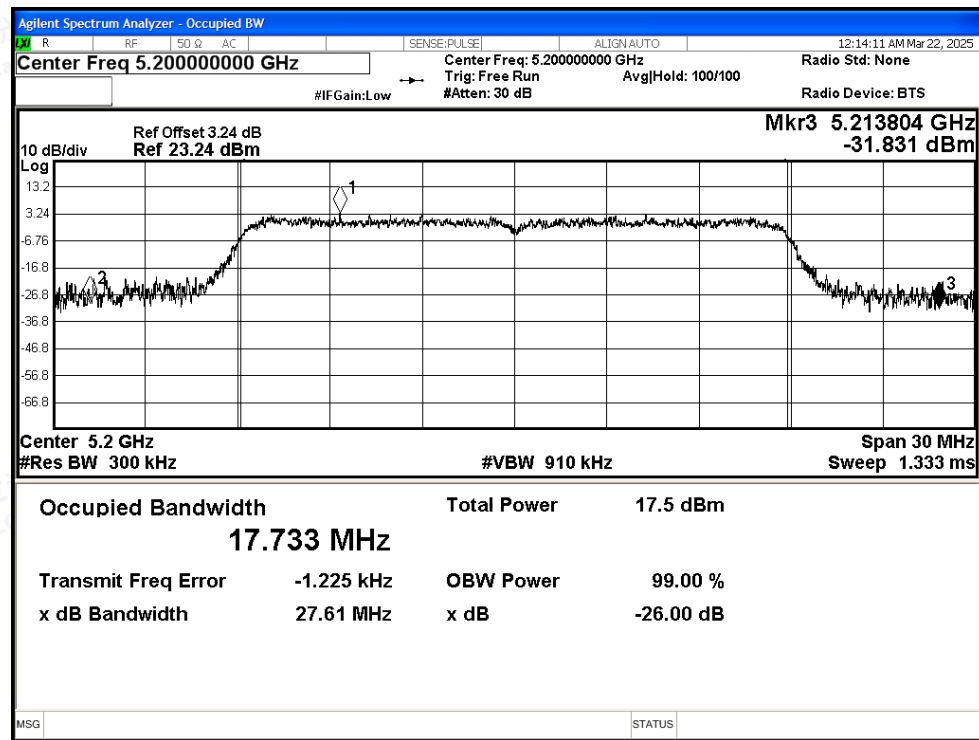
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5180MHz Ant



-26dB Bandwidth NVNT ac20 5200MHz Ant



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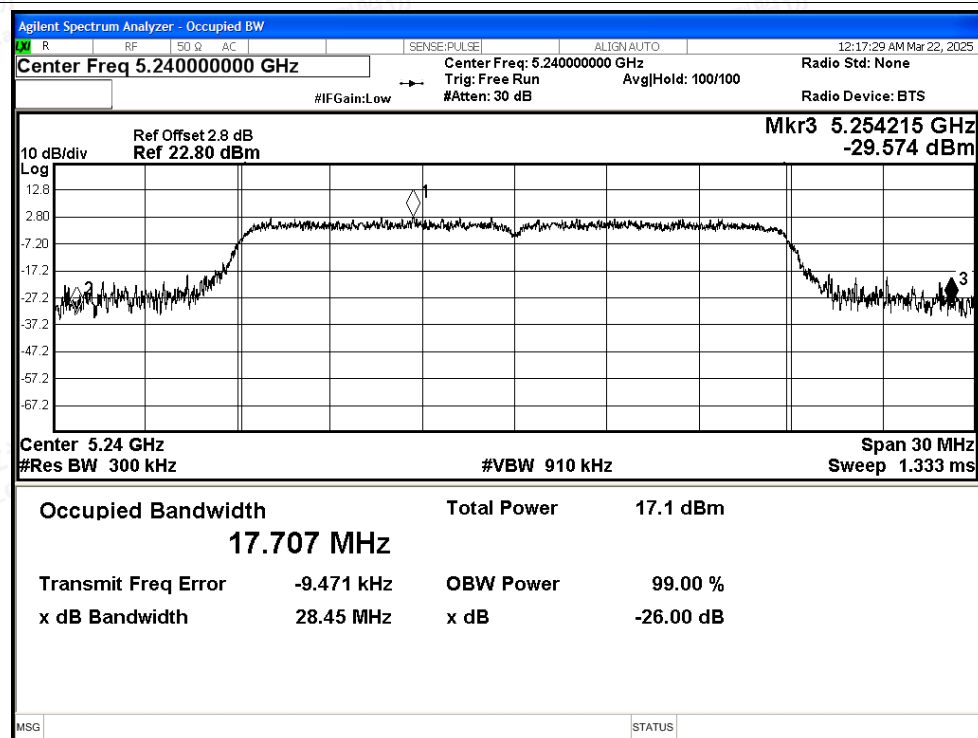
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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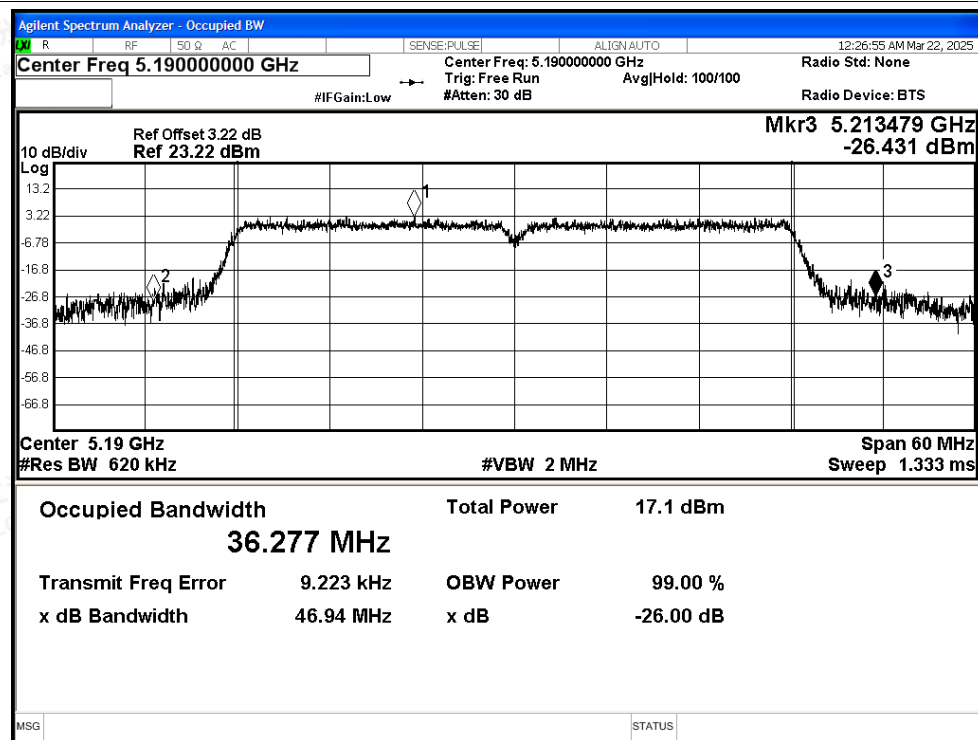
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5240MHz Ant



-26dB Bandwidth NVNT ac40 5190MHz Ant



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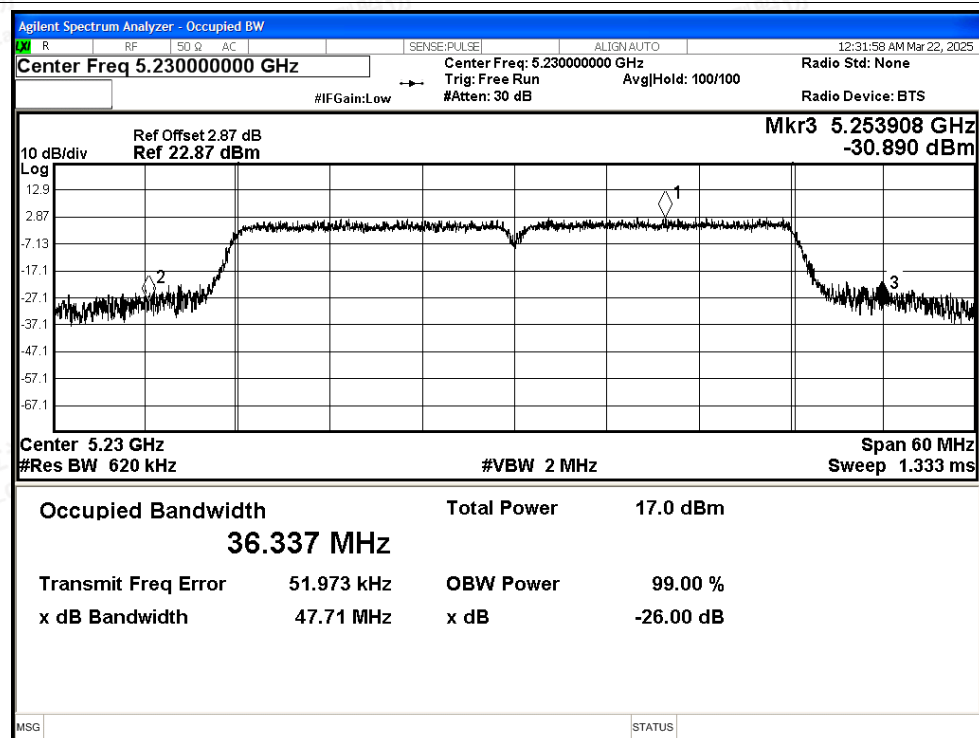
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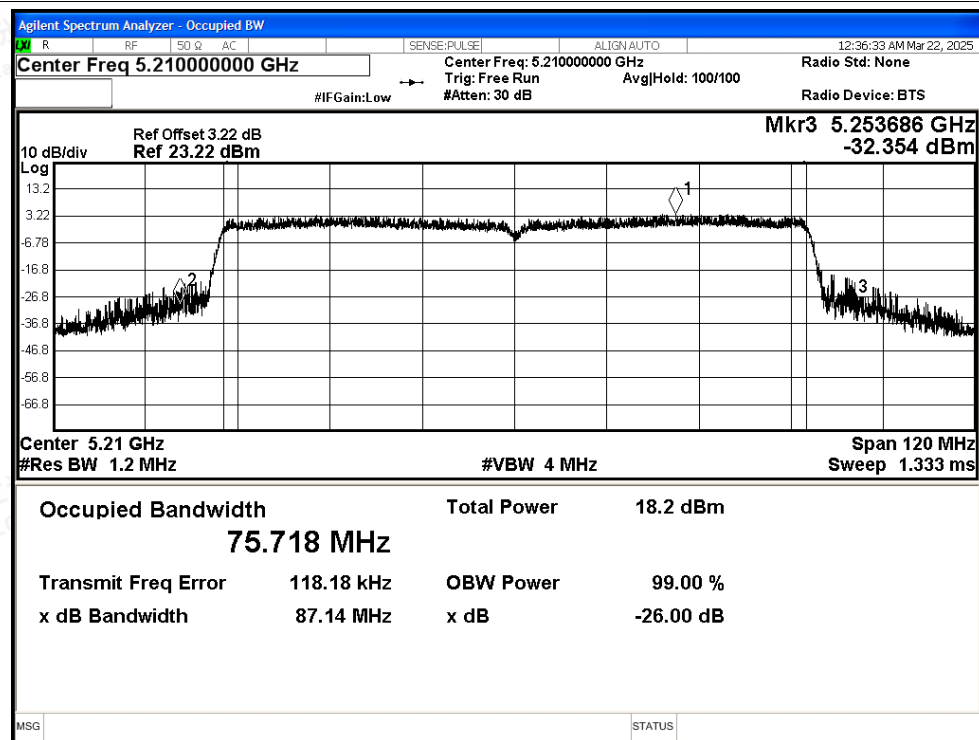
Scan code to check authenticity



-26dB Bandwidth NVNT ac40 5230MHz Ant



-26dB Bandwidth NVNT ac80 5210MHz Ant



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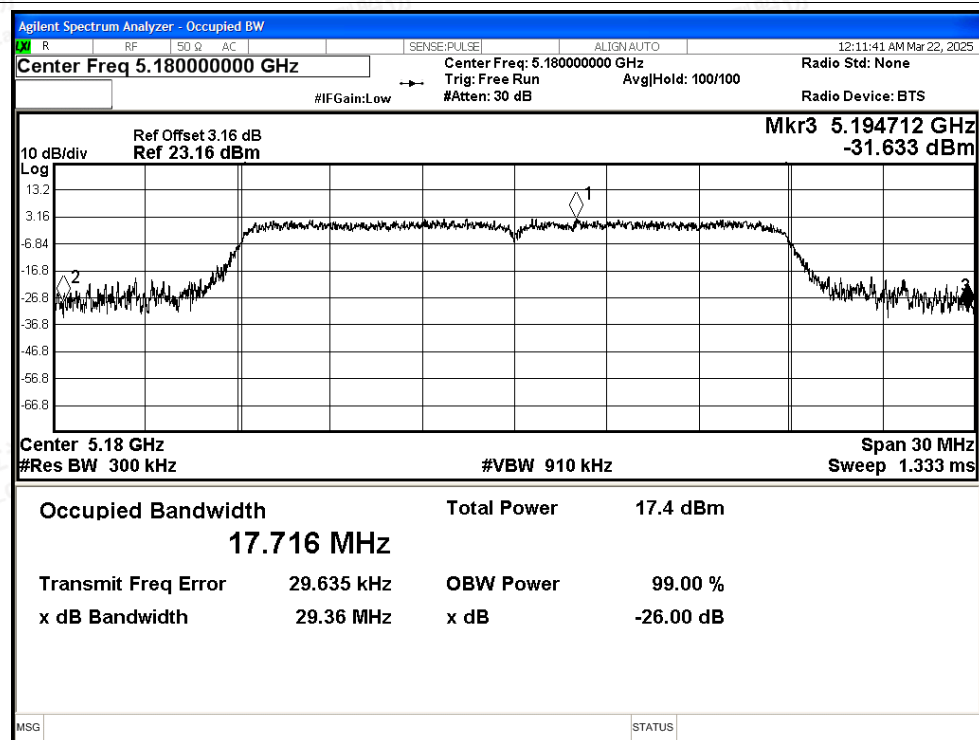
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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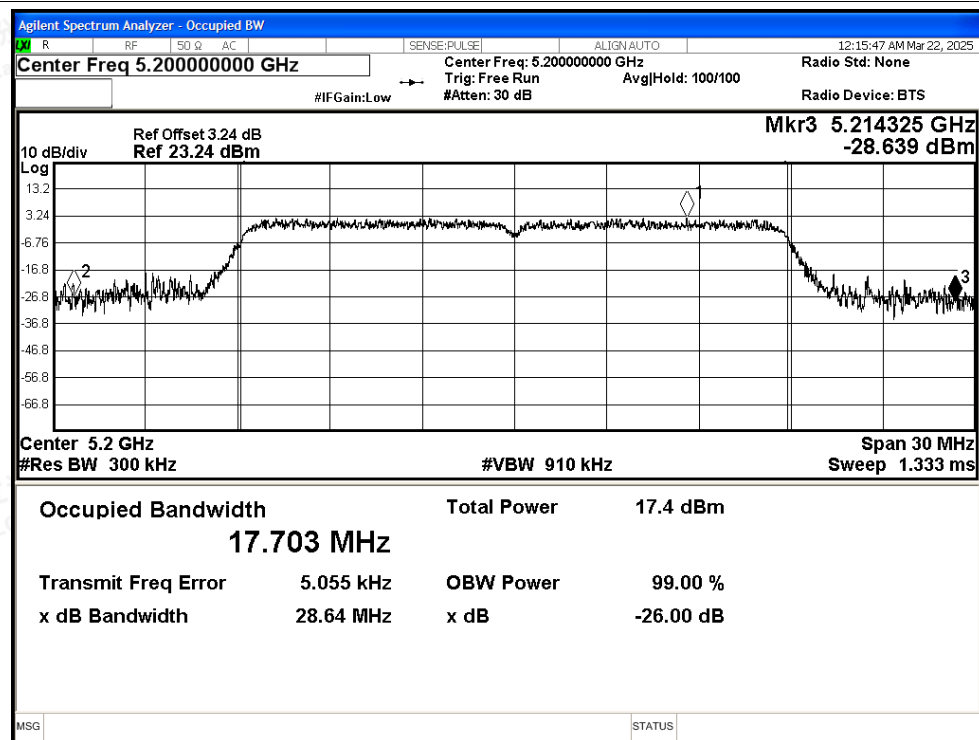
Scan code to check authenticity



-26dB Bandwidth NVNT ax20 5180MHz Ant

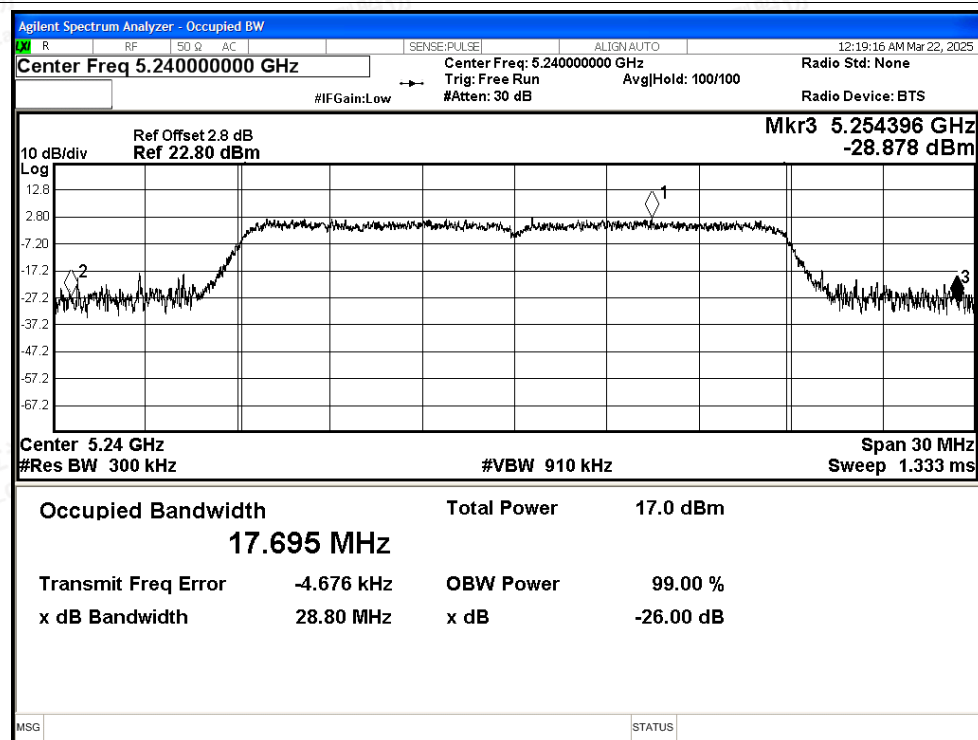


-26dB Bandwidth NVNT ax20 5200MHz Ant

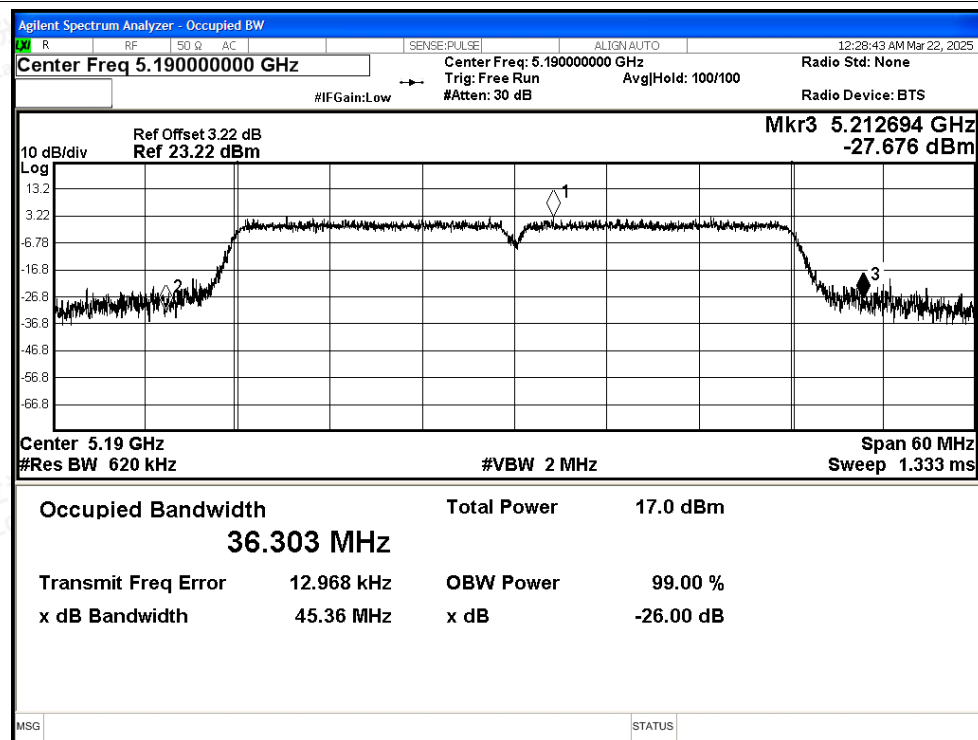




-26dB Bandwidth NVNT ax20 5240MHz Ant



-26dB Bandwidth NVNT ax40 5190MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

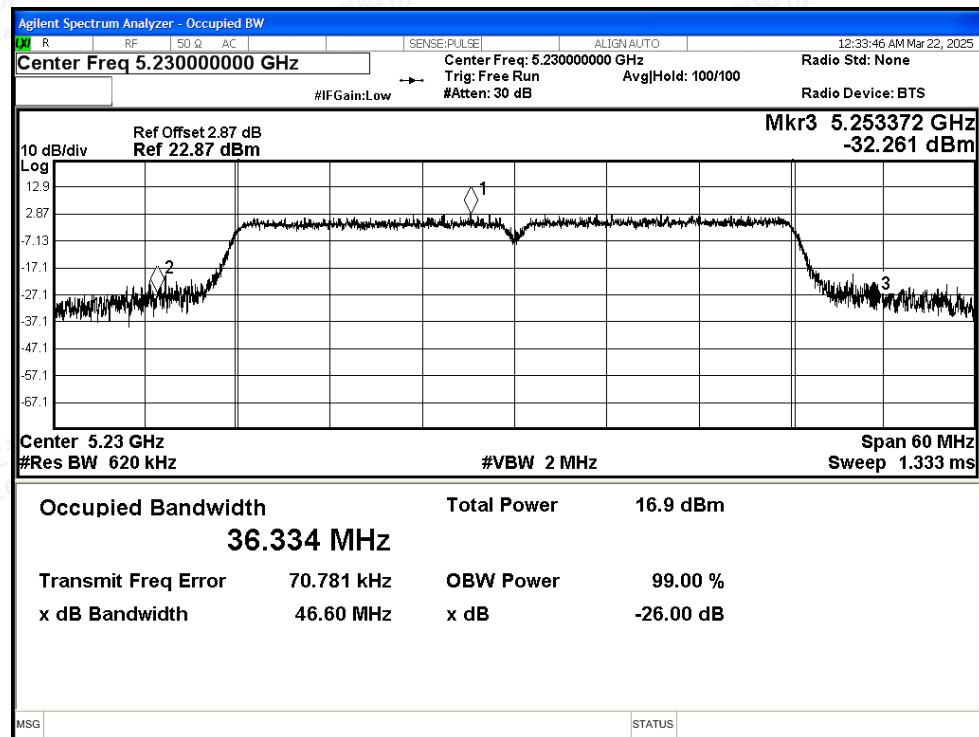
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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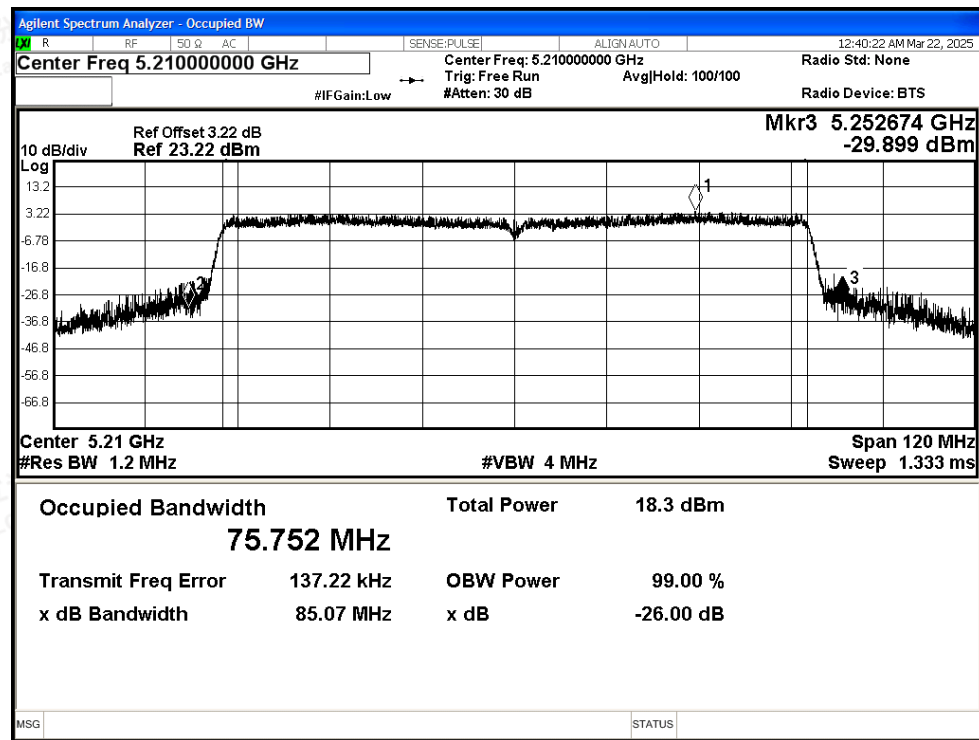
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-26dB Bandwidth NVNT ax40 5230MHz Ant



-26dB Bandwidth NVNT ax80 5210MHz Ant



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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	Ant	12.12	0.24	12.36	24	Pass
NVNT	a	5200	Ant	11.8	0.24	12.04	24	Pass
NVNT	a	5240	Ant	11.71	0.24	11.95	24	Pass
NVNT	n20	5180	Ant	11.93	0.12	12.05	24	Pass
NVNT	n20	5200	Ant	11.45	0.12	11.57	24	Pass
NVNT	n20	5240	Ant	11.26	0.12	11.38	24	Pass
NVNT	n40	5190	Ant	10.64	0.24	10.88	24	Pass
NVNT	n40	5230	Ant	10.58	0.24	10.82	24	Pass
NVNT	ac20	5180	Ant	11.96	0.12	12.08	24	Pass
NVNT	ac20	5200	Ant	11.97	0.12	12.09	24	Pass
NVNT	ac20	5240	Ant	11.57	0.12	11.69	24	Pass
NVNT	ac40	5190	Ant	10.73	0.24	10.97	24	Pass
NVNT	ac40	5230	Ant	10.65	0.24	10.89	24	Pass
NVNT	ac80	5210	Ant	10.83	0.47	11.3	24	Pass
NVNT	ax20	5180	Ant	11.97	0.12	12.09	24	Pass
NVNT	ax20	5200	Ant	11.9	0.12	12.02	24	Pass
NVNT	ax20	5240	Ant	11.52	0.12	11.64	24	Pass
NVNT	ax40	5190	Ant	10.7	0.23	10.93	24	Pass
NVNT	ax40	5230	Ant	10.61	0.24	10.85	24	Pass
NVNT	ax80	5210	Ant	10.84	0.47	11.31	24	Pass





D.3 Maximum Power Spectral Density Level

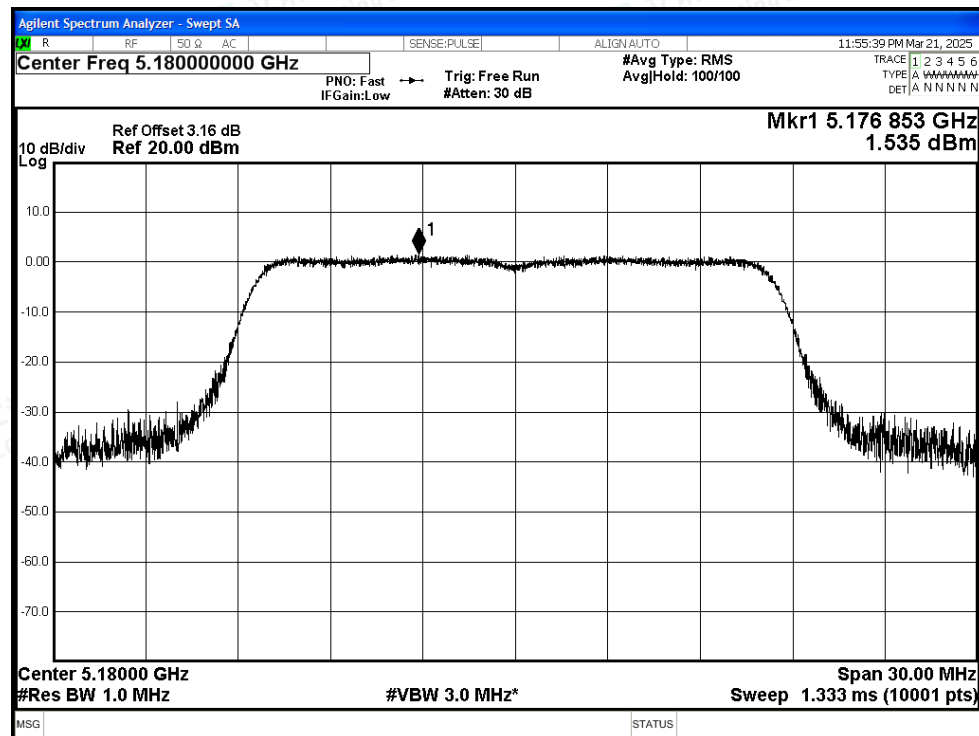
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD(dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	Ant	1.54	0.24	1.78	11	Pass
NVNT	a	5200	Ant	1.32	0.24	1.56	11	Pass
NVNT	a	5240	Ant	1.58	0.24	1.82	11	Pass
NVNT	n20	5180	Ant	1.2	0.12	1.32	11	Pass
NVNT	n20	5200	Ant	1.06	0.12	1.18	11	Pass
NVNT	n20	5240	Ant	0.51	0.12	0.63	11	Pass
NVNT	n40	5190	Ant	-3.3	0.24	-3.06	11	Pass
NVNT	n40	5230	Ant	-2.95	0.24	-2.71	11	Pass
NVNT	ac20	5180	Ant	0.98	0.12	1.1	11	Pass
NVNT	ac20	5200	Ant	1.23	0.12	1.35	11	Pass
NVNT	ac20	5240	Ant	0.73	0.12	0.85	11	Pass
NVNT	ac40	5190	Ant	-3.26	0.24	-3.02	11	Pass
NVNT	ac40	5230	Ant	-2.95	0.24	-2.71	11	Pass
NVNT	ac80	5210	Ant	-5.37	0.47	-4.9	11	Pass
NVNT	ax20	5180	Ant	1.23	0.12	1.35	11	Pass
NVNT	ax20	5200	Ant	1.2	0.12	1.32	11	Pass
NVNT	ax20	5240	Ant	0.73	0.12	0.85	11	Pass
NVNT	ax40	5190	Ant	-3.08	0.23	-2.85	11	Pass
NVNT	ax40	5230	Ant	-2.86	0.24	-2.62	11	Pass
NVNT	ax80	5210	Ant	-5.04	0.47	-4.57	11	Pass



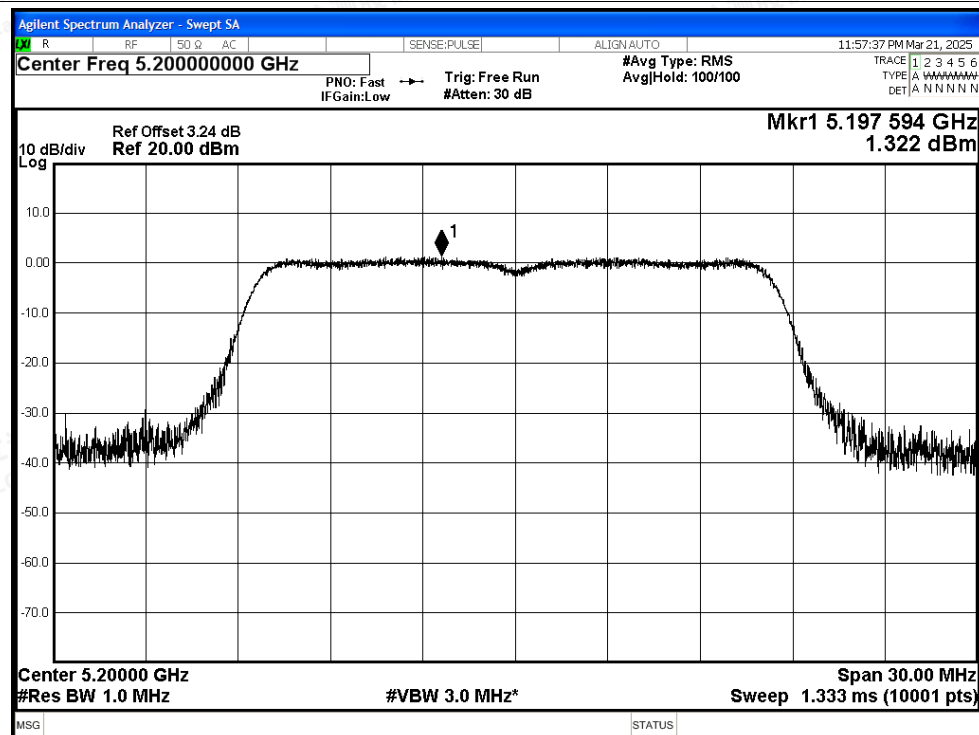


Test Graphs

PSD NVNT a 5180MHz Ant



PSD NVNT a 5200MHz Ant



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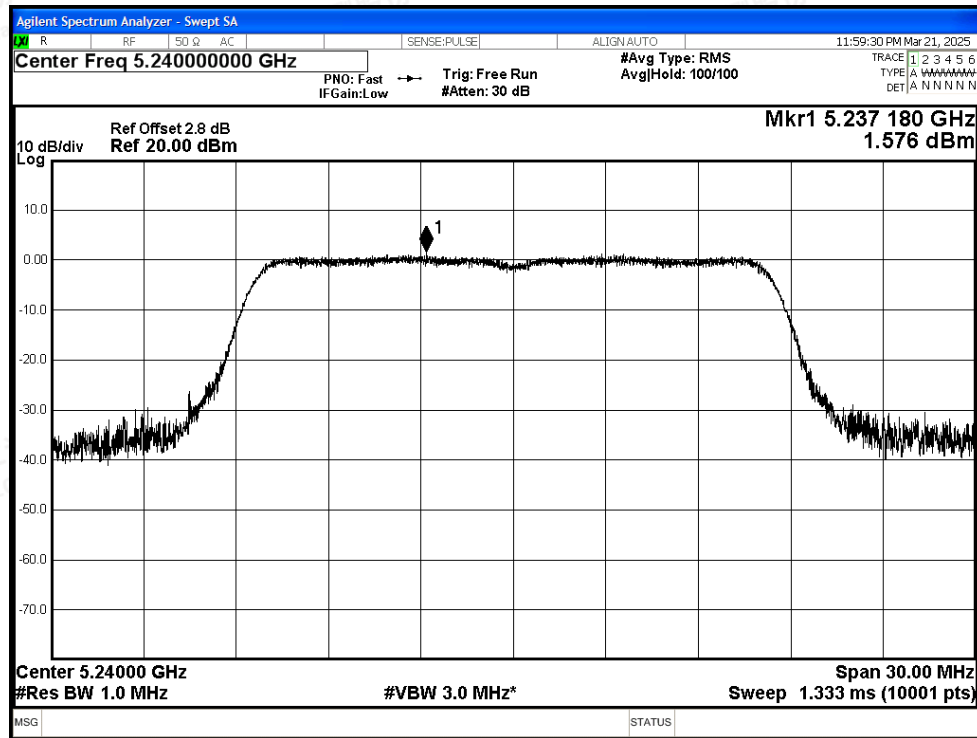
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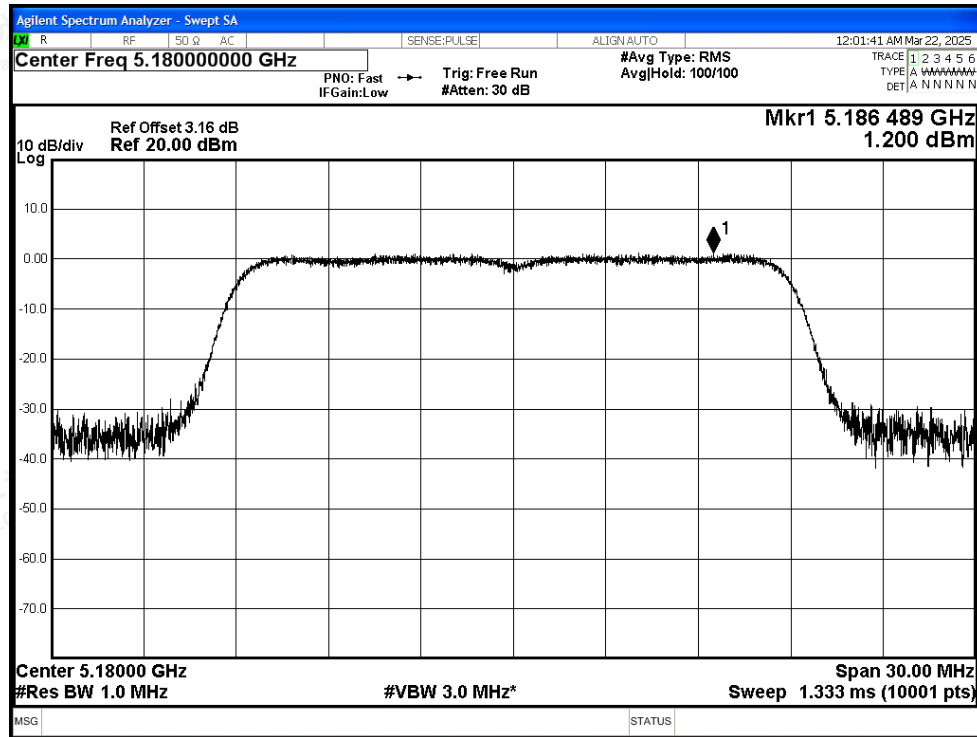
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PSD NVNT a 5240MHz Ant



PSD NVNT n20 5180MHz Ant

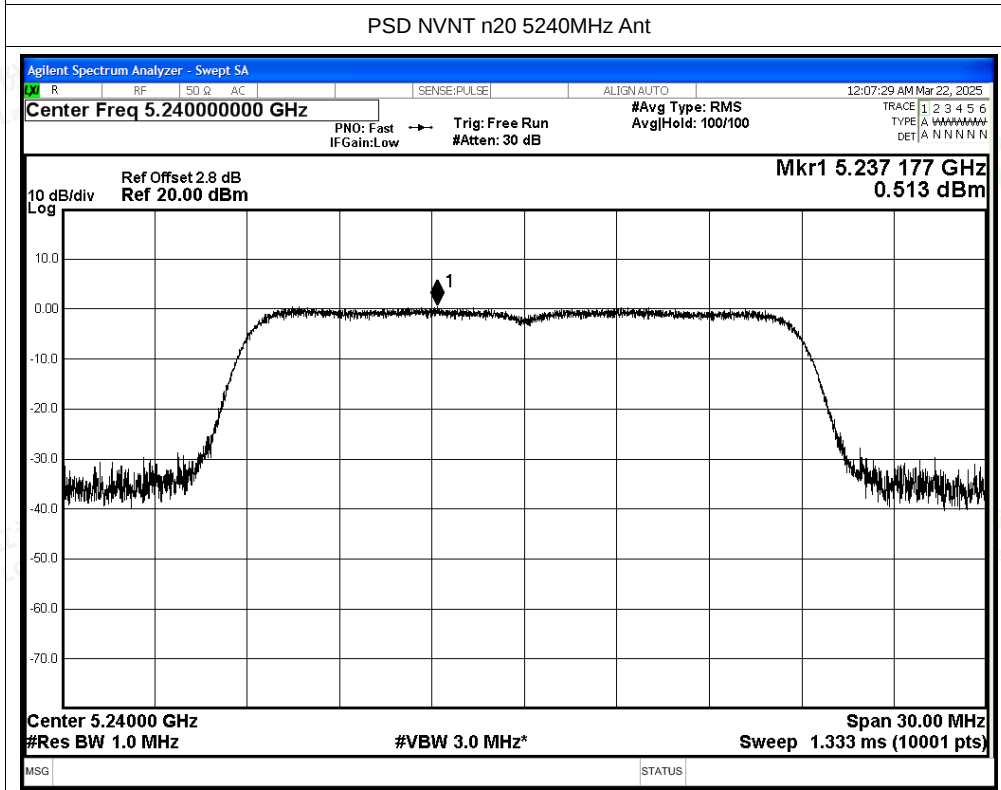
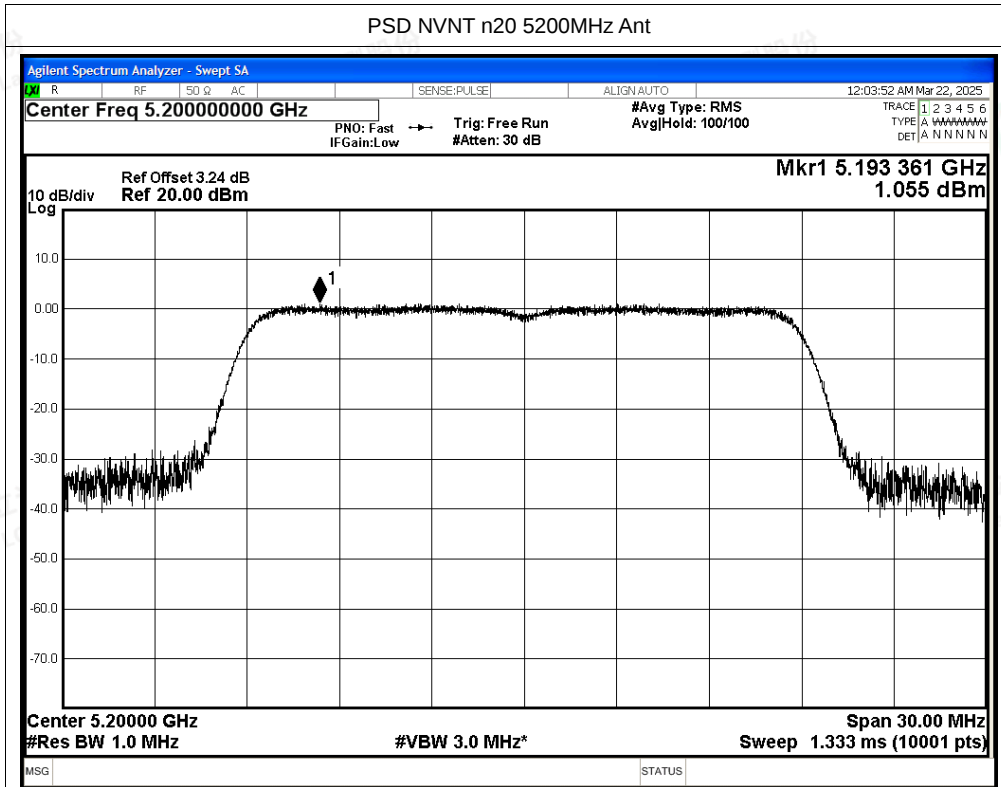


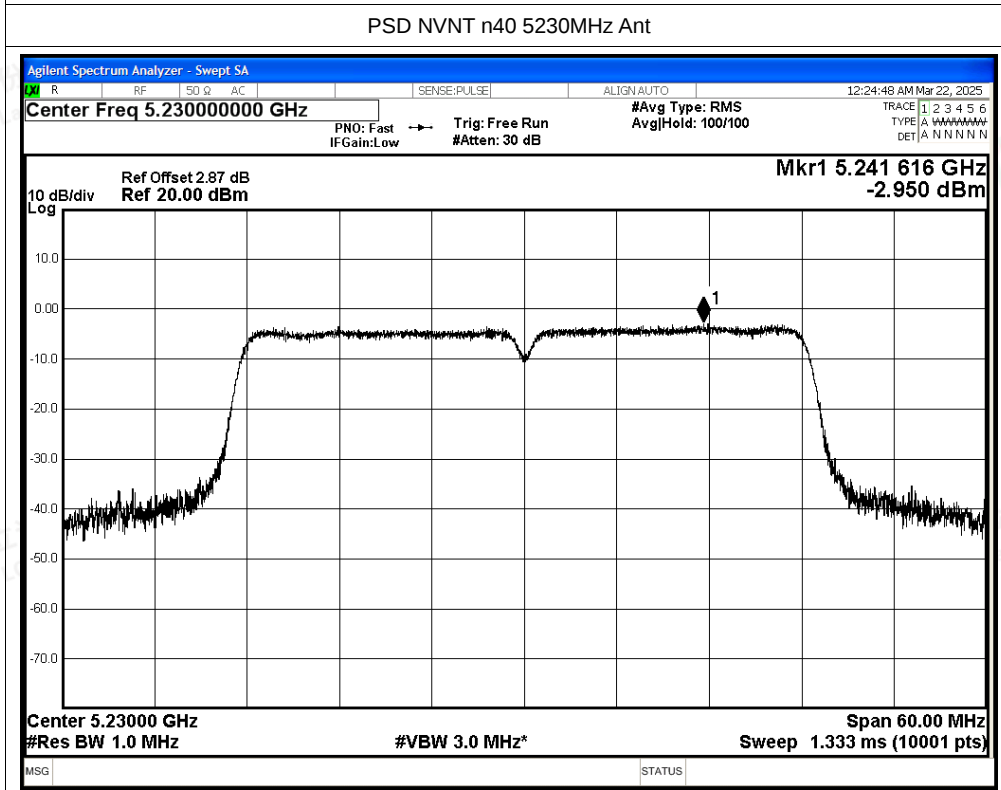
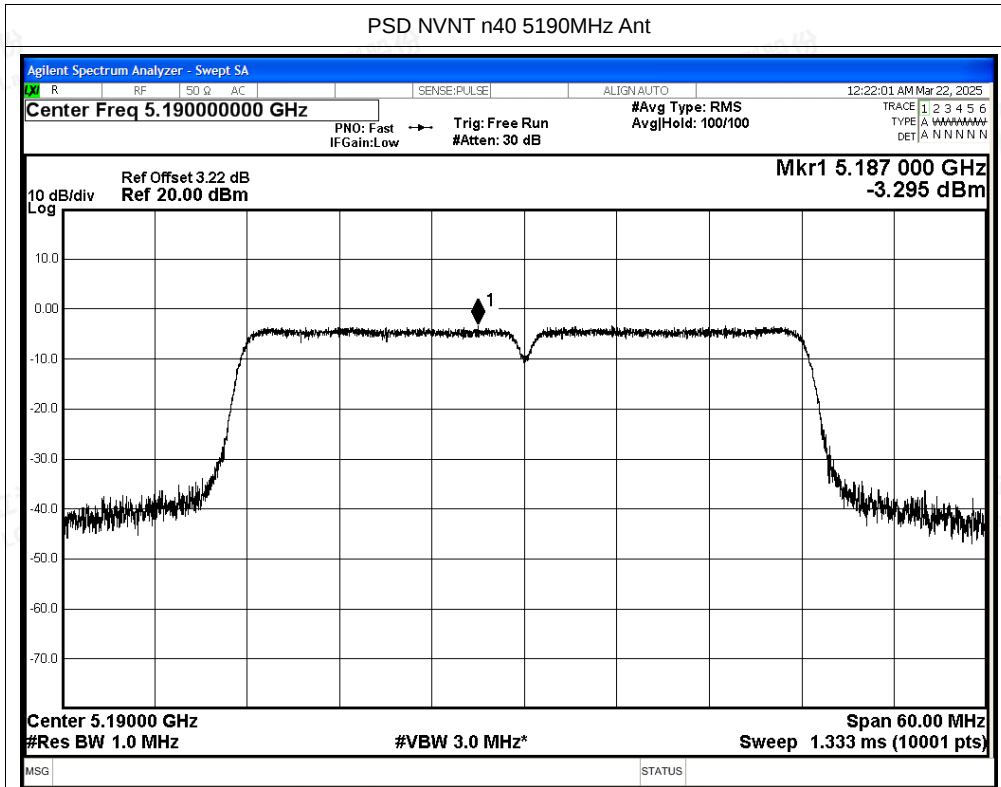
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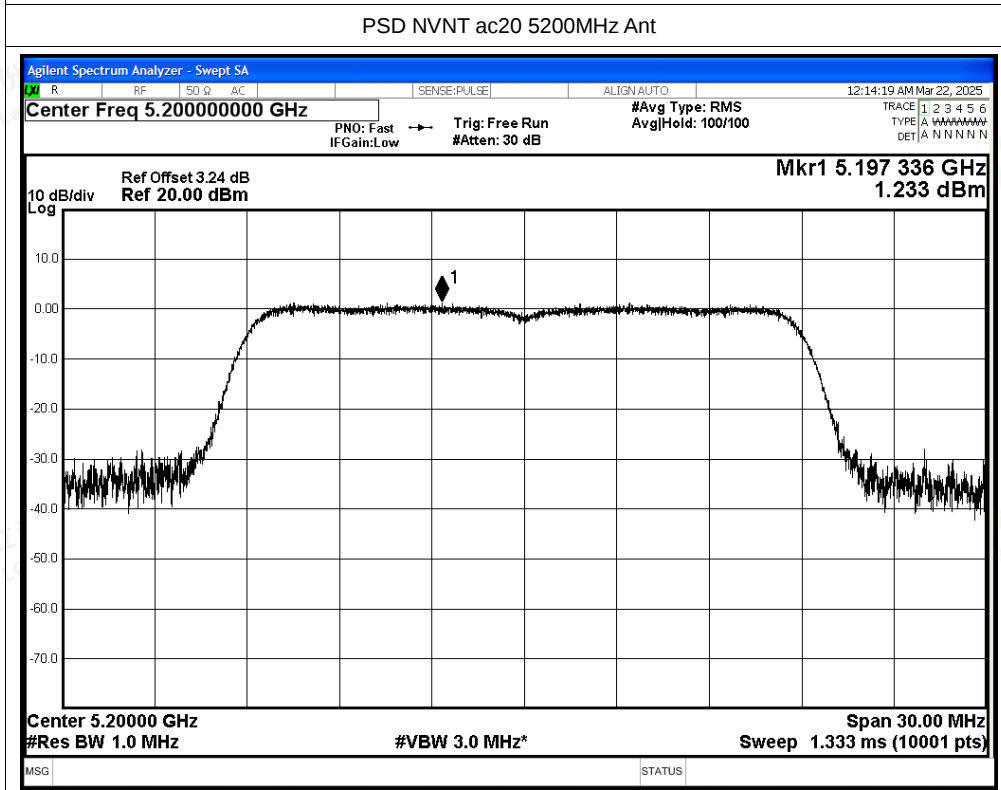
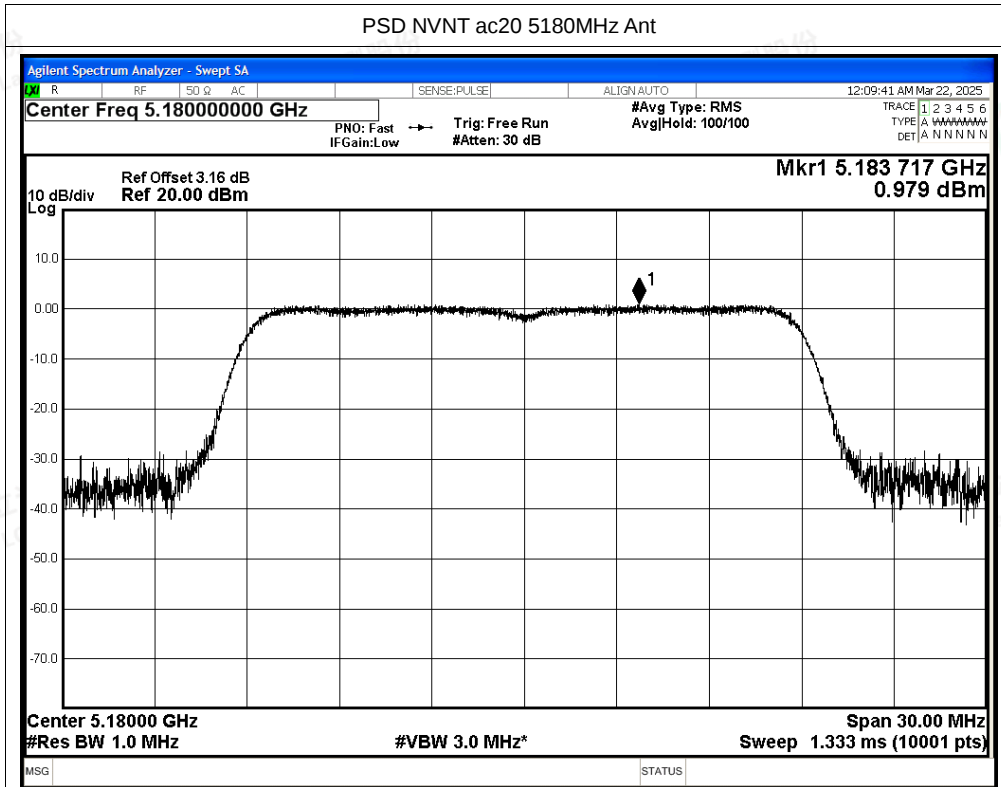
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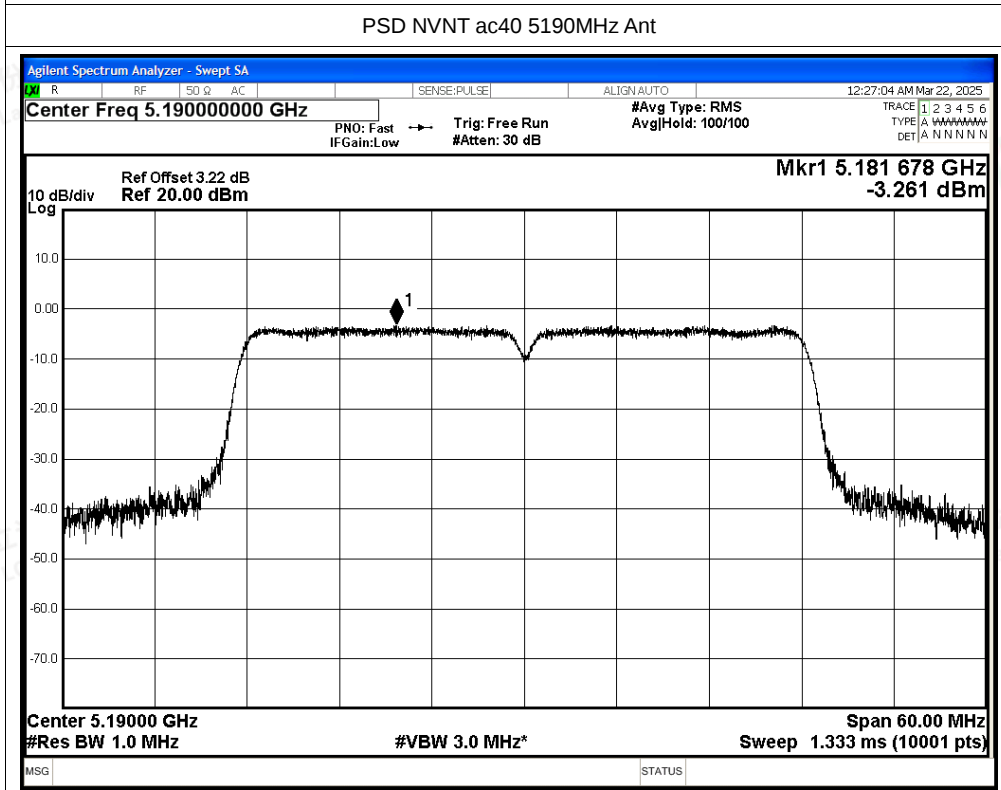
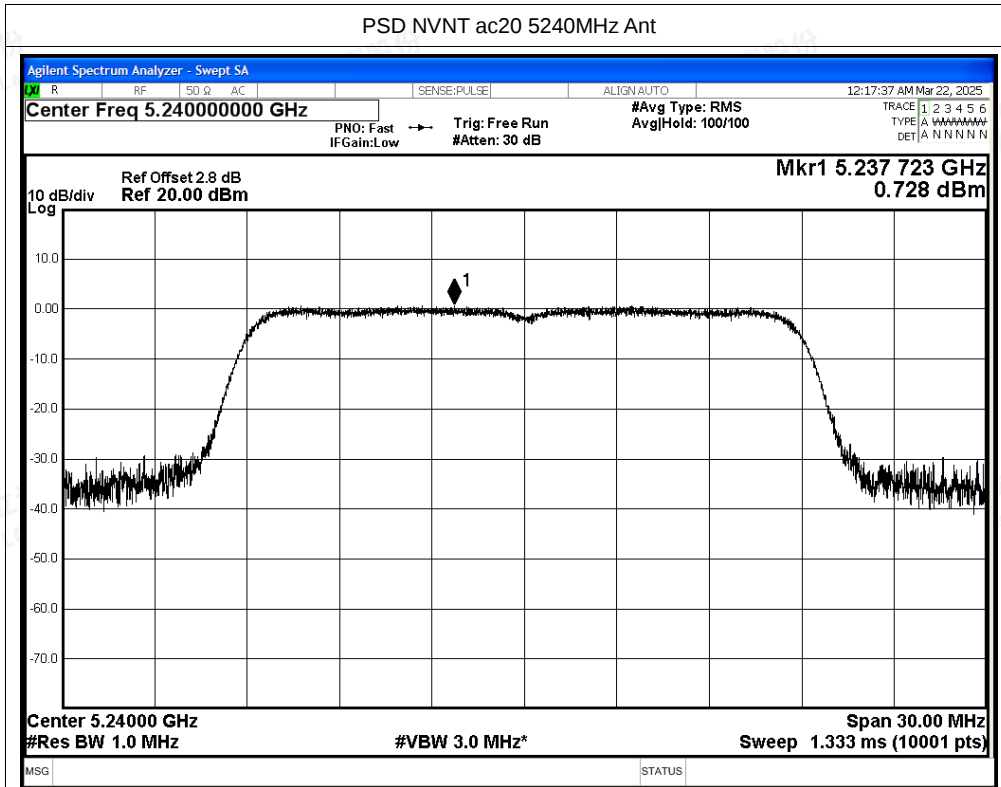


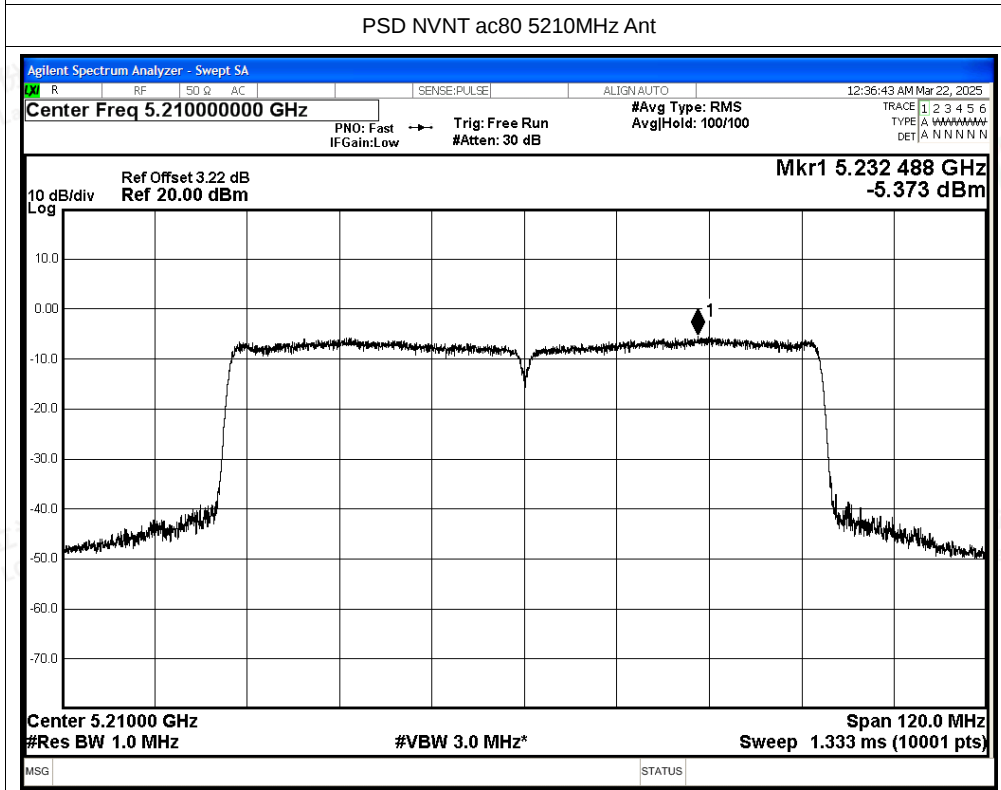
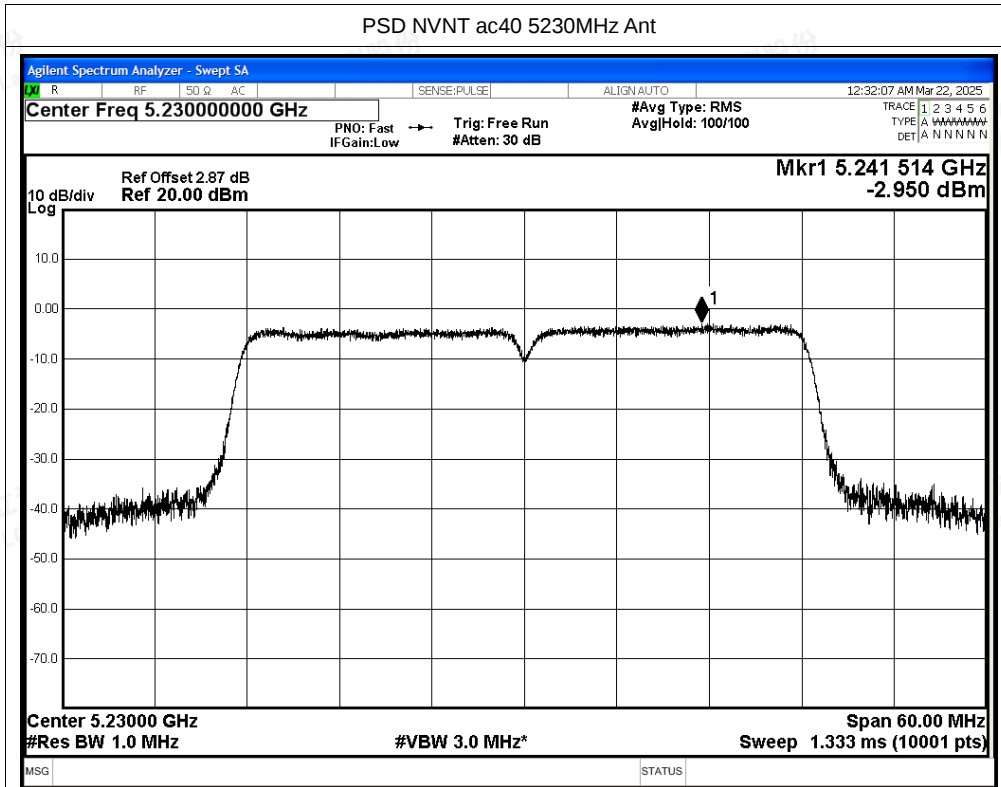
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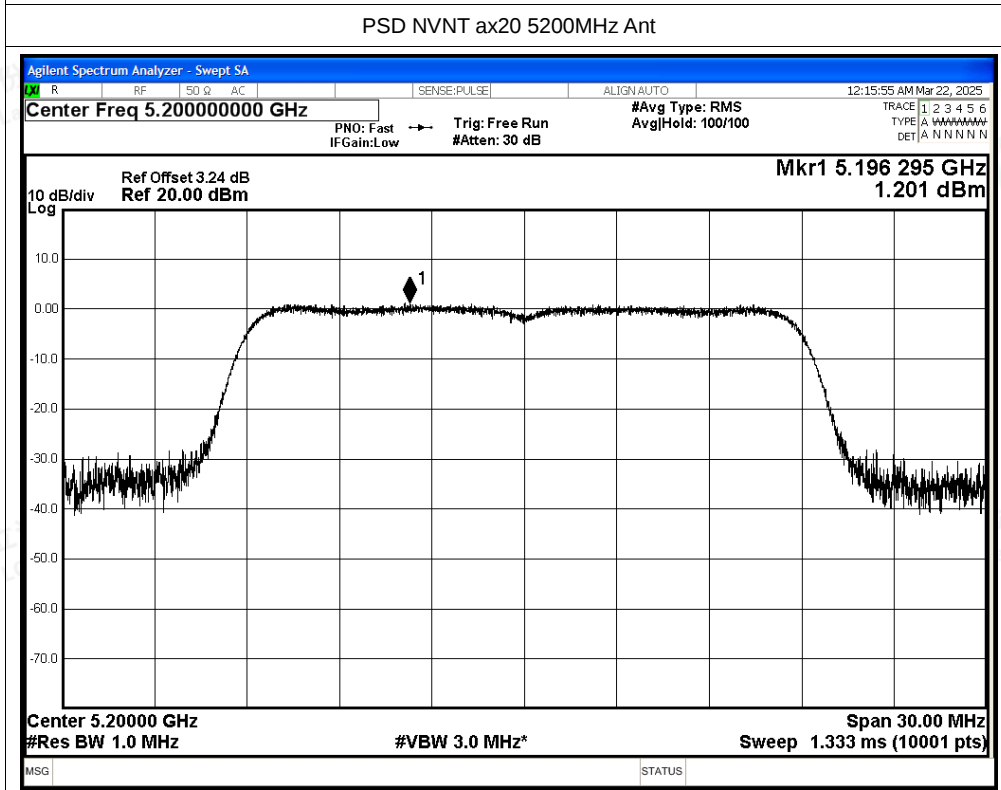
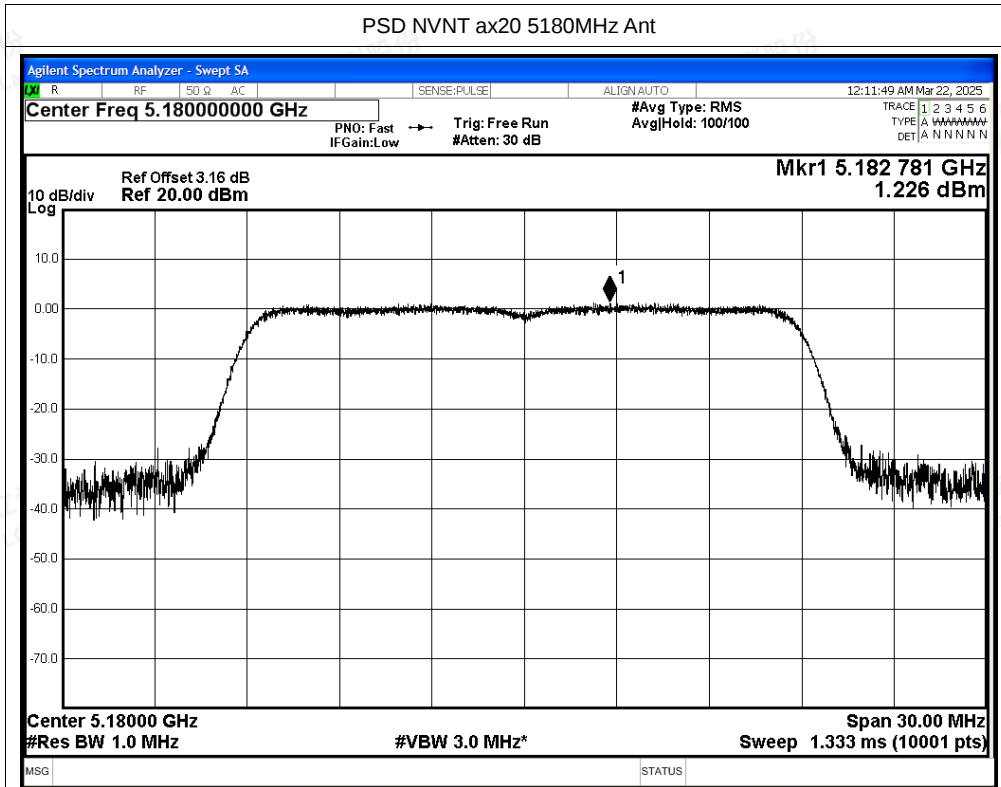
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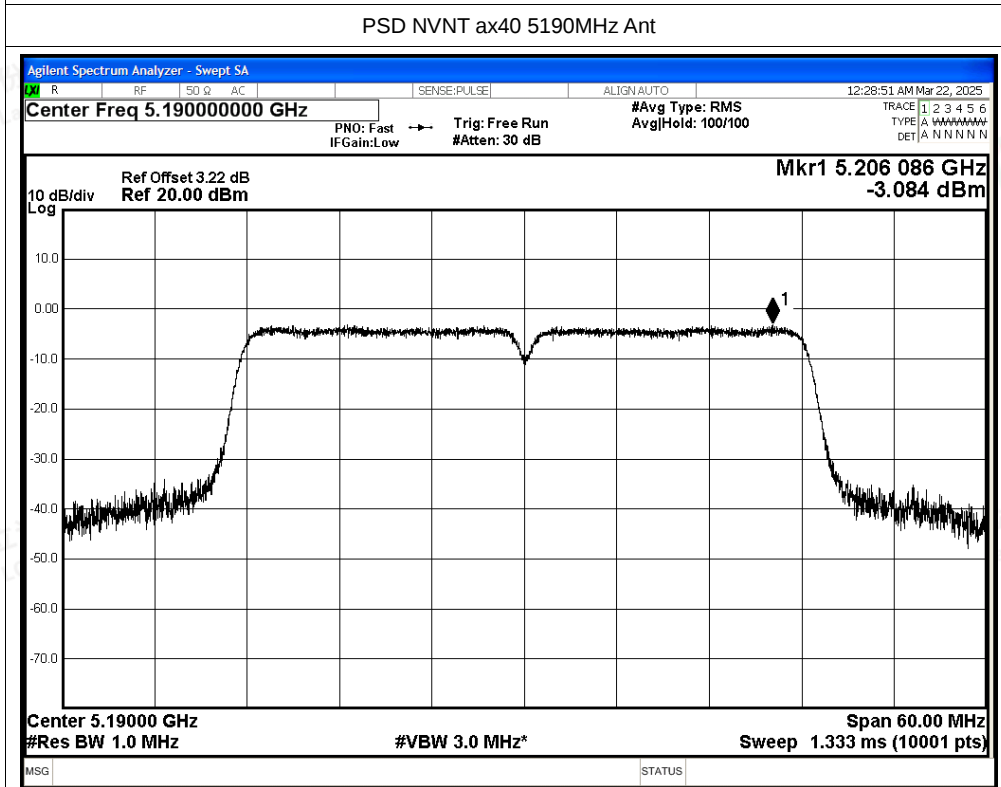
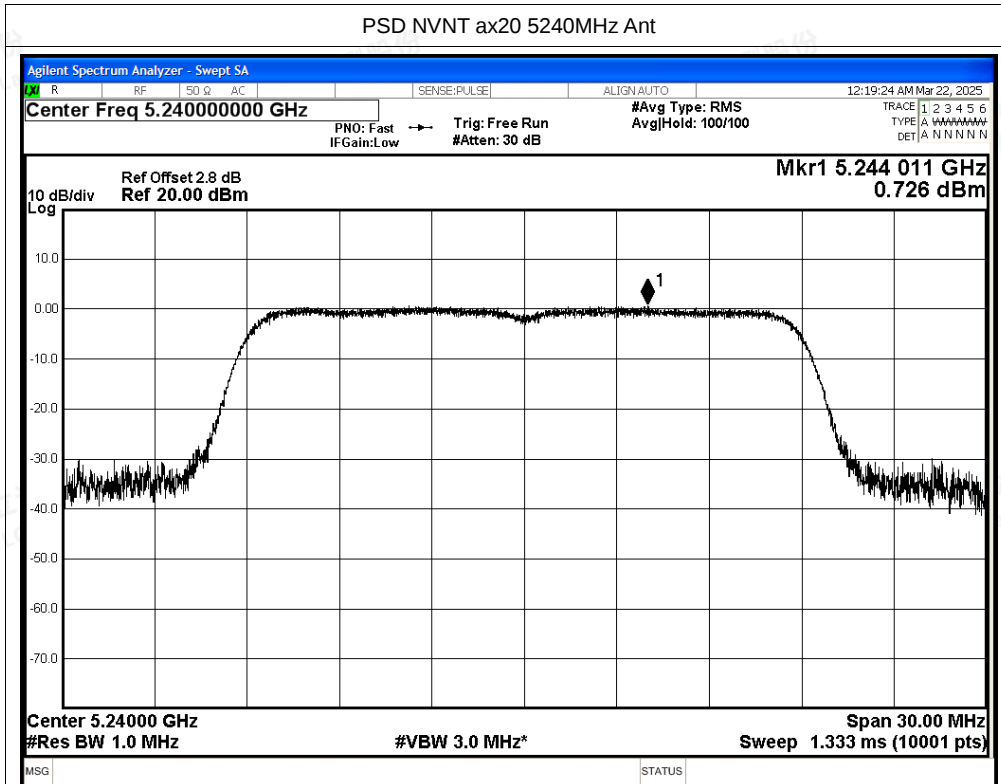
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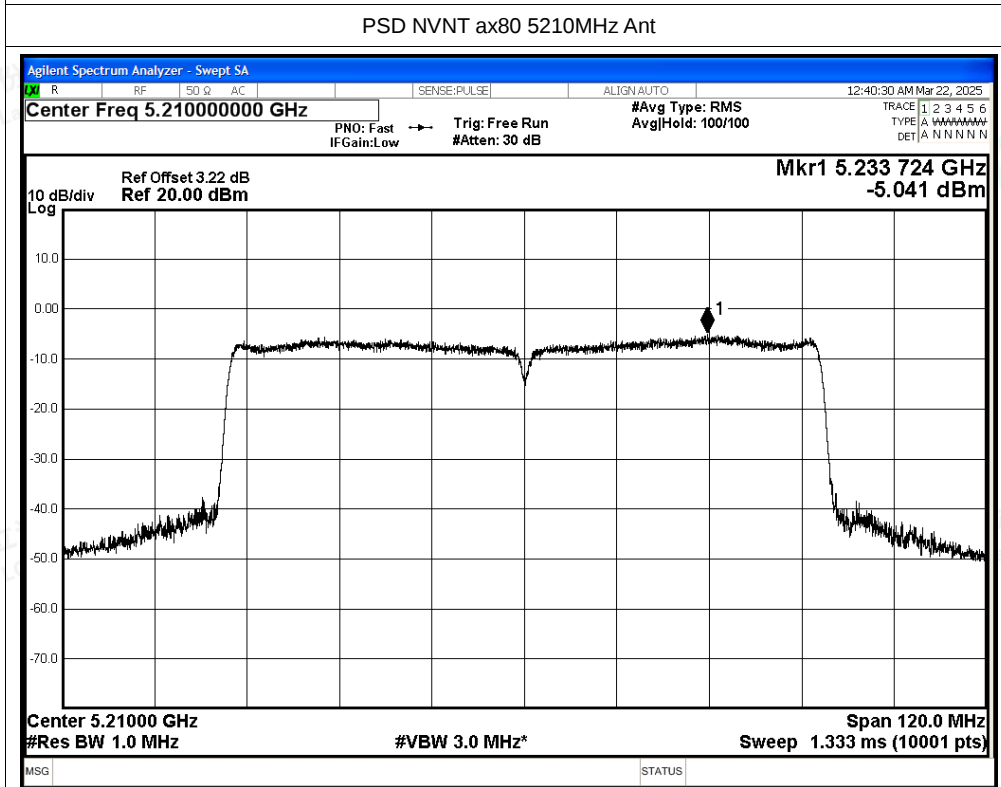
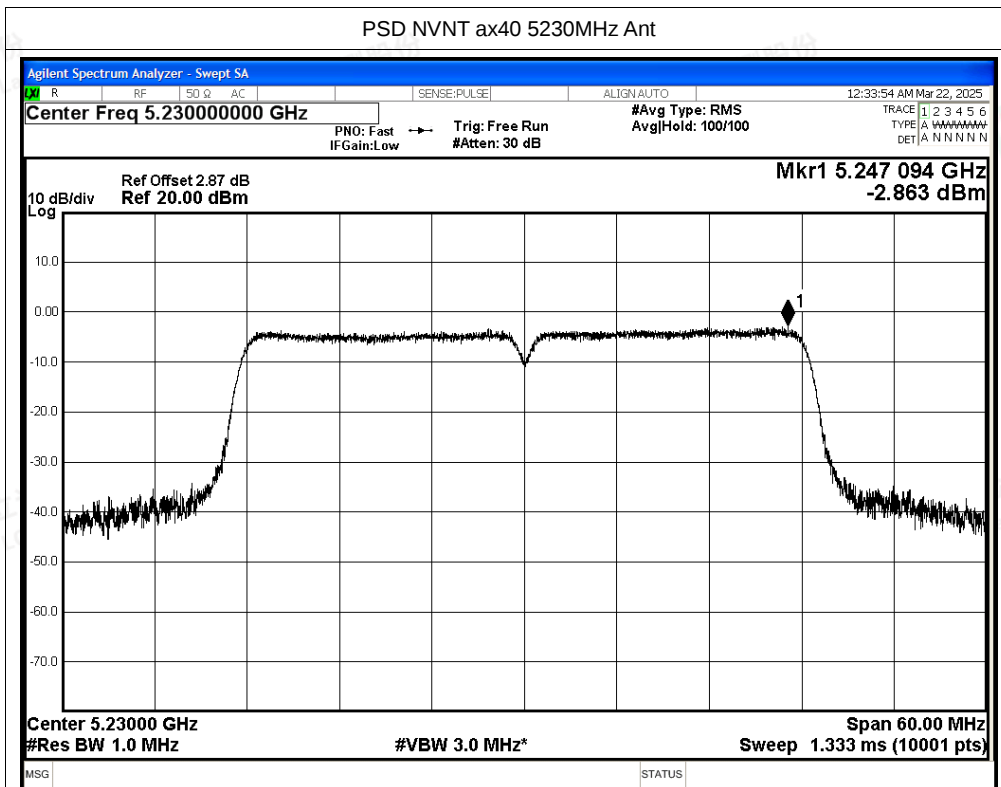
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D.4 Restrict Band

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	Ant	4500	-51.06	5.08	-	49.28	Peak	68.2	Pass
NVNT	a	5180	Ant	4500	-58.41	5.08	0.24	42.17	Average	54	Pass
NVNT	a	5180	Ant	5148.2	-45.8	5.08	-	54.54	Peak	68.2	Pass
NVNT	a	5180	Ant	5131.4	-56.14	5.08	0.24	44.44	Average	54	Pass
NVNT	a	5180	Ant	5150	-48.73	5.08	-	51.61	Peak	68.2	Pass
NVNT	a	5180	Ant	5150	-56.31	5.08	0.24	44.27	Average	54	Pass
NVNT	a	5240	Ant	5350	-50.09	5.08	-	50.25	Peak	68.2	Pass
NVNT	a	5240	Ant	5350	-58.19	5.08	0.24	42.39	Average	54	Pass
NVNT	a	5240	Ant	5366.4	-47.41	5.08	-	52.93	Peak	68.2	Pass
NVNT	a	5240	Ant	5350.56	-57.55	5.08	0.24	43.03	Average	54	Pass
NVNT	a	5240	Ant	5460	-50.58	5.08	-	49.76	Peak	68.2	Pass
NVNT	a	5240	Ant	5460	-58.29	5.08	0.24	42.29	Average	54	Pass
NVNT	n20	5180	Ant	4500	-50.91	5.08	-	49.43	Peak	68.2	Pass
NVNT	n20	5180	Ant	4500	-58.89	5.08	0.12	41.57	Average	54	Pass
NVNT	n20	5180	Ant	5148.2	-43.68	5.08	-	56.66	Peak	68.2	Pass
NVNT	n20	5180	Ant	5149.6	-55.13	5.08	0.12	45.33	Average	54	Pass
NVNT	n20	5180	Ant	5150	-45.47	5.08	-	54.87	Peak	68.2	Pass
NVNT	n20	5180	Ant	5150	-54.95	5.08	0.12	45.51	Average	54	Pass
NVNT	n20	5240	Ant	5350	-49.38	5.08	-	50.96	Peak	68.2	Pass
NVNT	n20	5240	Ant	5350	-58.5	5.08	0.12	41.96	Average	54	Pass
NVNT	n20	5240	Ant	5441.52	-48.05	5.08	-	52.29	Peak	68.2	Pass
NVNT	n20	5240	Ant	5358	-57.45	5.08	0.12	43.01	Average	54	Pass
NVNT	n20	5240	Ant	5460	-49.94	5.08	-	50.40	Peak	68.2	Pass
NVNT	n20	5240	Ant	5460	-58.19	5.08	0.12	42.27	Average	54	Pass
NVNT	n40	5190	Ant	4500	-50.5	5.08	-	49.84	Peak	68.2	Pass
NVNT	n40	5190	Ant	4500	-59.31	5.08	0.24	41.27	Average	54	Pass
NVNT	n40	5190	Ant	5147.51	-43.21	5.08	-	57.13	Peak	68.2	Pass
NVNT	n40	5190	Ant	5148.24	-55.53	5.08	0.24	45.05	Average	54	Pass
NVNT	n40	5190	Ant	5150	-46.26	5.08	-	54.08	Peak	68.2	Pass
NVNT	n40	5190	Ant	5150	-55.61	5.08	0.24	44.97	Average	54	Pass
NVNT	n40	5230	Ant	5350	-48.94	5.08	-	51.40	Peak	68.2	Pass
NVNT	n40	5230	Ant	5350	-58.32	5.08	0.24	42.26	Average	54	Pass
NVNT	n40	5230	Ant	5425.17	-46.78	5.08	-	53.56	Peak	68.2	Pass
NVNT	n40	5230	Ant	5354.7	-57.28	5.08	0.24	43.30	Average	54	Pass
NVNT	n40	5230	Ant	5460	-51.01	5.08	-	49.33	Peak	68.2	Pass
NVNT	n40	5230	Ant	5460	-58.57	5.08	0.24	42.01	Average	54	Pass
NVNT	ac20	5180	Ant	4500	-51.36	5.08	-	48.98	Peak	68.2	Pass
NVNT	ac20	5180	Ant	4500	-59	5.08	0.12	41.46	Average	54	Pass



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NVNT	ac20	5180	Ant	5149.6	-44.89	5.08	-	55.45	Peak	68.2	Pass
NVNT	ac20	5180	Ant	5149.6	-55.37	5.08	0.12	45.09	Average	54	Pass
NVNT	ac20	5180	Ant	5150	-45.2	5.08	-	55.14	Peak	68.2	Pass
NVNT	ac20	5180	Ant	5150	-55.45	5.08	0.12	45.01	Average	54	Pass
NVNT	ac20	5240	Ant	5350	-48.29	5.08	-	52.05	Peak	68.2	Pass
NVNT	ac20	5240	Ant	5350	-57.47	5.08	0.12	42.99	Average	54	Pass
NVNT	ac20	5240	Ant	5453.28	-47.03	5.08	-	53.31	Peak	68.2	Pass
NVNT	ac20	5240	Ant	5351.04	-56.5	5.08	0.12	43.96	Average	54	Pass
NVNT	ac20	5240	Ant	5460	-49.45	5.08	-	50.89	Peak	68.2	Pass
NVNT	ac20	5240	Ant	5460	-57.99	5.08	0.12	42.47	Average	54	Pass
NVNT	ac40	5190	Ant	4500	-50.85	5.08	-	49.49	Peak	68.2	Pass
NVNT	ac40	5190	Ant	4500	-59.5	5.08	0.24	41.08	Average	54	Pass
NVNT	ac40	5190	Ant	5147.51	-40.54	5.08	-	59.80	Peak	68.2	Pass
NVNT	ac40	5190	Ant	5149.7	-54.76	5.08	0.24	45.82	Average	54	Pass
NVNT	ac40	5190	Ant	5150	-46.39	5.08	-	53.95	Peak	68.2	Pass
NVNT	ac40	5190	Ant	5150	-54.76	5.08	0.24	45.82	Average	54	Pass
NVNT	ac40	5230	Ant	5350	-50.65	5.08	-	49.69	Peak	68.2	Pass
NVNT	ac40	5230	Ant	5350	-58	5.08	0.24	42.58	Average	54	Pass
NVNT	ac40	5230	Ant	5369.28	-47.57	5.08	-	52.77	Peak	68.2	Pass
NVNT	ac40	5230	Ant	5410.05	-57.42	5.08	0.24	43.16	Average	54	Pass
NVNT	ac40	5230	Ant	5460	-50.08	5.08	-	50.26	Peak	68.2	Pass
NVNT	ac40	5230	Ant	5460	-57.95	5.08	0.24	42.63	Average	54	Pass
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NVNT	ac80	5210	Ant	5350	-56.29	5.08	0.47	44.52	Average	54	Pass
NVNT	ac80	5210	Ant	5362.98	-46.78	5.08	-	53.56	Peak	68.2	Pass
NVNT	ac80	5210	Ant	5351.1	-55.69	5.08	0.47	45.12	Average	54	Pass
NVNT	ac80	5210	Ant	5460	-50.38	5.08	-	49.96	Peak	68.2	Pass
NVNT	ac80	5210	Ant	5460	-57.68	5.08	0.47	43.13	Average	54	Pass
NVNT	ac80	5210	Ant	4500	-50.77	5.08	-	49.57	Peak	68.2	Pass
NVNT	ac80	5210	Ant	4500	-58.93	5.08	0.47	41.88	Average	54	Pass
NVNT	ac80	5210	Ant	5149.38	-44.81	5.08	-	55.53	Peak	68.2	Pass
NVNT	ac80	5210	Ant	5148.59	-55.37	5.08	0.47	45.44	Average	54	Pass
NVNT	ac80	5210	Ant	5150	-46.61	5.08	-	53.73	Peak	68.2	Pass
NVNT	ac80	5210	Ant	5150	-55.44	5.08	0.47	45.37	Average	54	Pass
NVNT	ax20	5180	Ant	4500	-51.01	5.08	-	49.33	Peak	68.2	Pass
NVNT	ax20	5180	Ant	4500	-58.7	5.08	0.12	41.76	Average	54	Pass
NVNT	ax20	5180	Ant	5149.6	-44.6	5.08	-	55.74	Peak	68.2	Pass
NVNT	ax20	5180	Ant	5149.6	-55.86	5.08	0.12	44.60	Average	54	Pass
NVNT	ax20	5180	Ant	5150	-44.79	5.08	-	55.55	Peak	68.2	Pass
NVNT	ax20	5180	Ant	5150	-55.96	5.08	0.12	44.50	Average	54	Pass
NVNT	ax20	5240	Ant	5350	-49.45	5.08	-	50.89	Peak	68.2	Pass
NVNT	ax20	5240	Ant	5350	-56.69	5.08	0.12	43.77	Average	54	Pass
NVNT	ax20	5240	Ant	5448.72	-46.38	5.08	-	53.96	Peak	68.2	Pass



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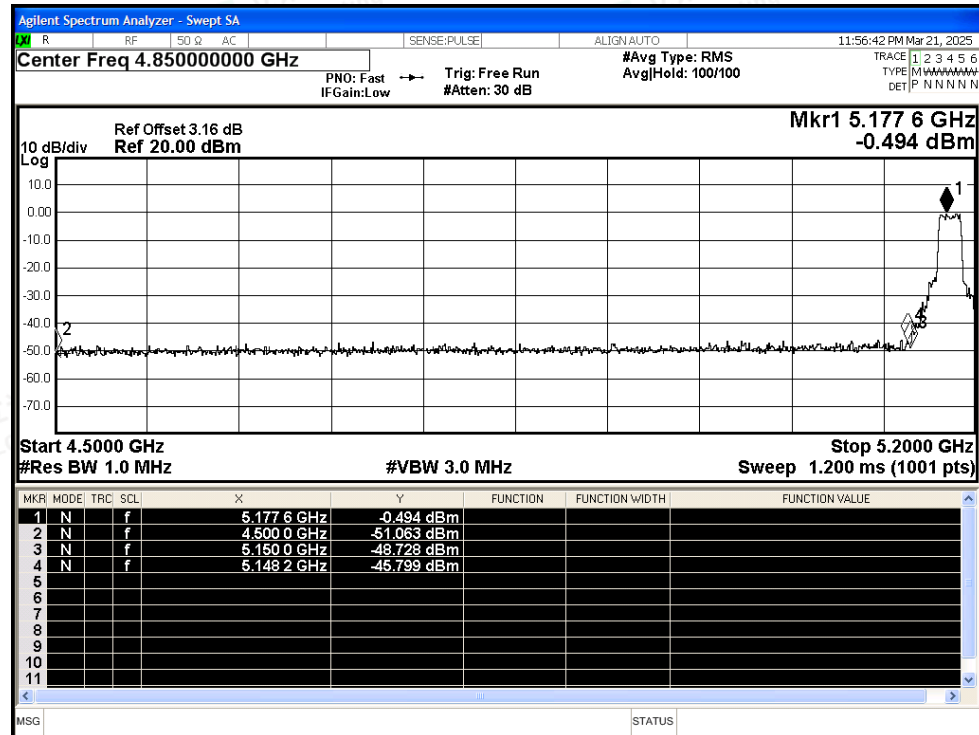
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NVNT	ax20	5240	Ant	5460	-58.65	5.08	0.12	41.81	Average	54	Pass
NVNT	ax40	5190	Ant	4500	-50.24	5.08	-	50.10	Peak	68.2	Pass
NVNT	ax40	5190	Ant	4500	-58.57	5.08	0.23	42.00	Average	54	Pass
NVNT	ax40	5190	Ant	5149.7	-44.28	5.08	-	56.06	Peak	68.2	Pass
NVNT	ax40	5190	Ant	5149.7	-54.65	5.08	0.23	45.92	Average	54	Pass
NVNT	ax40	5190	Ant	5150	-44.28	5.08	-	56.06	Peak	68.2	Pass
NVNT	ax40	5190	Ant	5150	-54.65	5.08	0.23	45.92	Average	54	Pass
NVNT	ax40	5230	Ant	5350	-50.48	5.08	-	49.86	Peak	68.2	Pass
NVNT	ax40	5230	Ant	5350	-58.33	5.08	0.24	42.25	Average	54	Pass
NVNT	ax40	5230	Ant	5457.03	-47.56	5.08	-	52.78	Peak	68.2	Pass
NVNT	ax40	5230	Ant	5377.11	-57.44	5.08	0.24	43.14	Average	54	Pass
NVNT	ax40	5230	Ant	5460	-50.91	5.08	-	49.43	Peak	68.2	Pass
NVNT	ax40	5230	Ant	5460	-58.28	5.08	0.24	42.30	Average	54	Pass
NVNT	ax80	5210	Ant	5350	-47.43	5.08	-	52.91	Peak	68.2	Pass
NVNT	ax80	5210	Ant	5350	-55.69	5.08	0.47	45.12	Average	54	Pass
NVNT	ax80	5210	Ant	5352.75	-45.09	5.08	-	55.25	Peak	68.2	Pass
NVNT	ax80	5210	Ant	5350.11	-55.69	5.08	0.47	45.12	Average	54	Pass
NVNT	ax80	5210	Ant	5460	-50.71	5.08	-	49.63	Peak	68.2	Pass
NVNT	ax80	5210	Ant	5460	-57.76	5.08	0.47	43.05	Average	54	Pass
NVNT	ax80	5210	Ant	4500	-51.6	5.08	-	48.74	Peak	68.2	Pass
NVNT	ax80	5210	Ant	4500	-59.56	5.08	0.47	41.25	Average	54	Pass
NVNT	ax80	5210	Ant	5149.38	-42.66	5.08	-	57.68	Peak	68.2	Pass
NVNT	ax80	5210	Ant	5149.38	-54.9	5.08	0.47	45.91	Average	54	Pass
NVNT	ax80	5210	Ant	5150	-42.27	5.08	-	58.07	Peak	68.2	Pass
NVNT	ax80	5210	Ant	5150	-54.66	5.08	0.47	46.15	Average	54	Pass



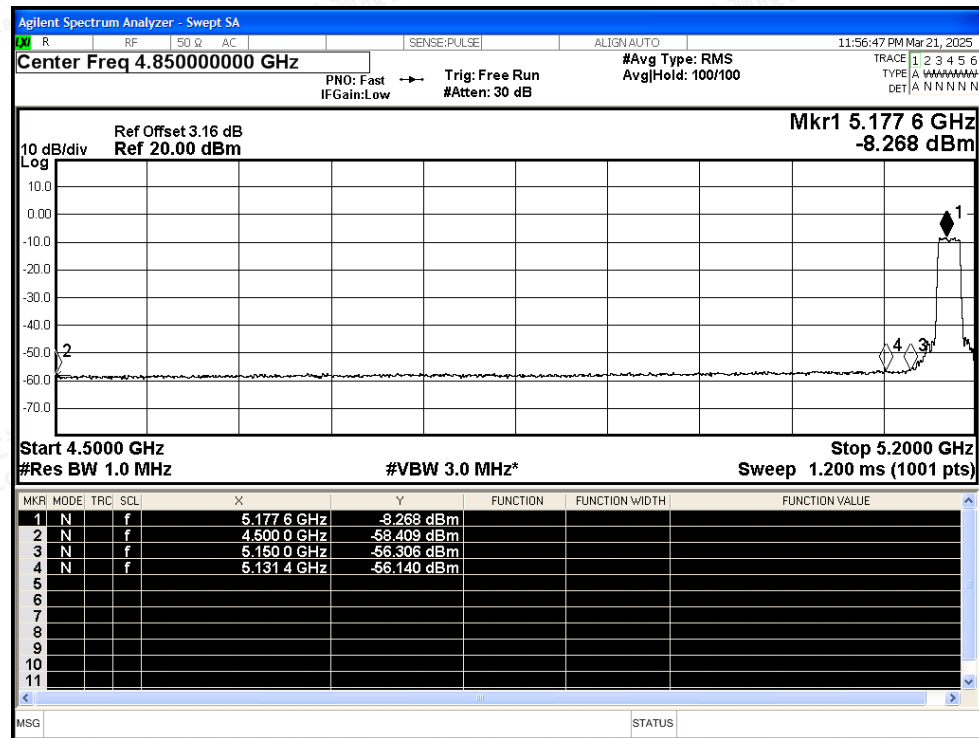


Test Graphs

Restrict Band NVNT a 5180MHz Ant Peak



Restrict Band NVNT a 5180MHz Ant Average



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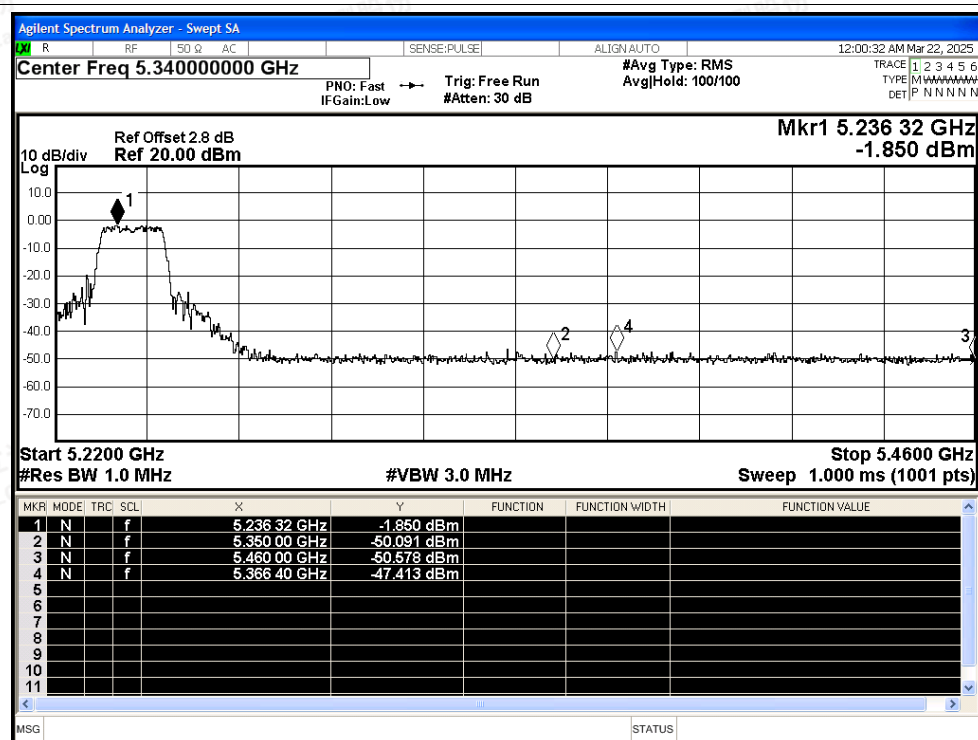
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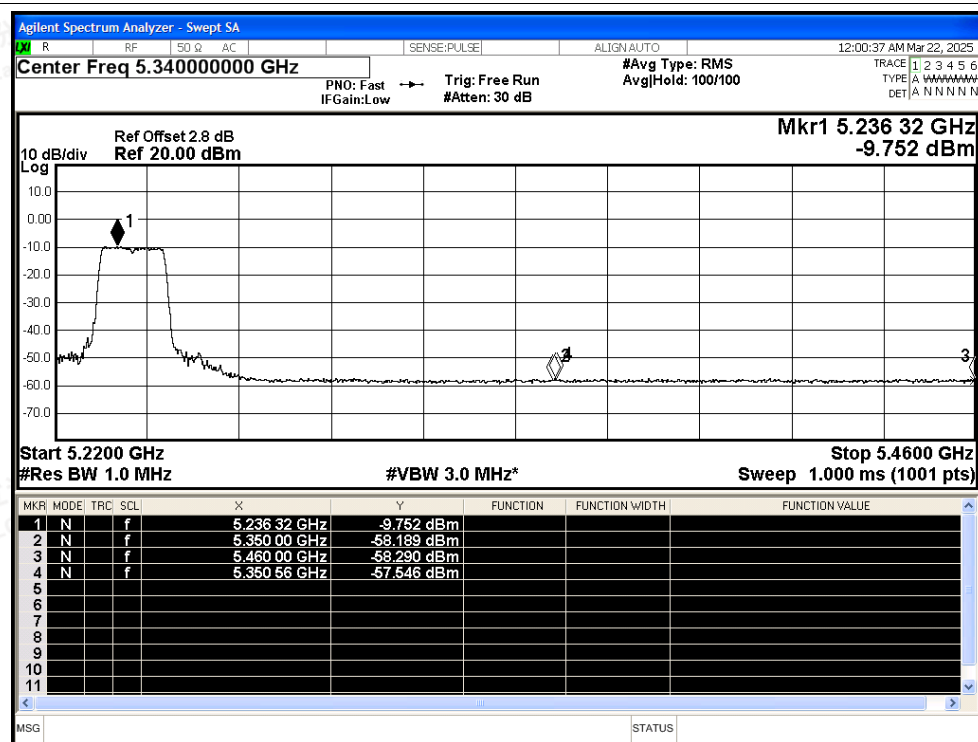
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Restrict Band NVNT a 5240MHz Ant Peak



Restrict Band NVNT a 5240MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

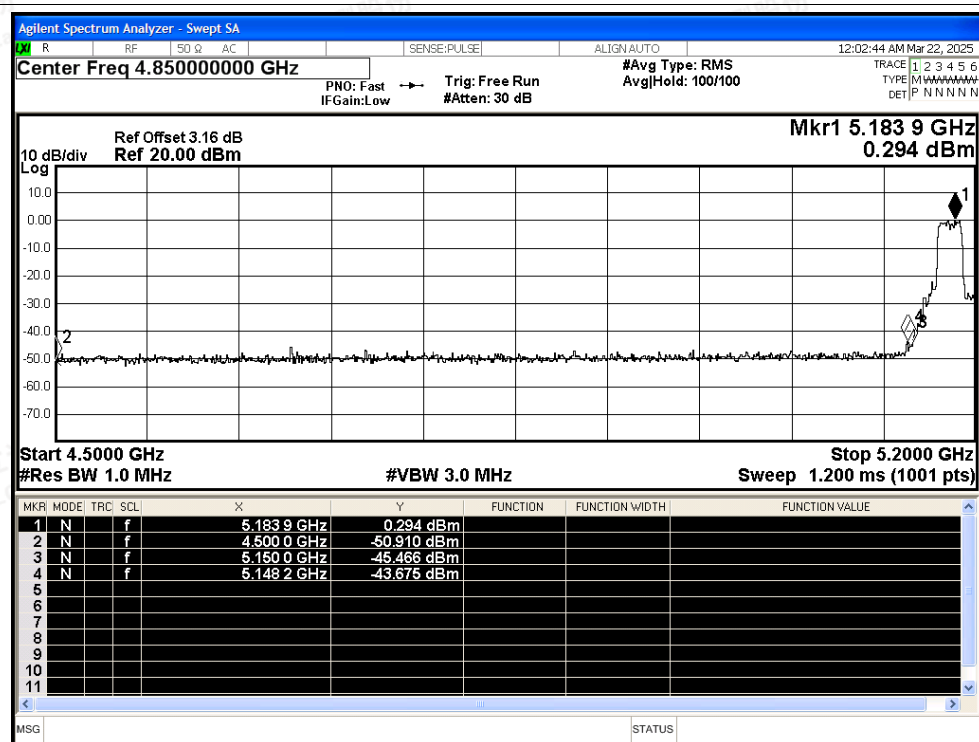
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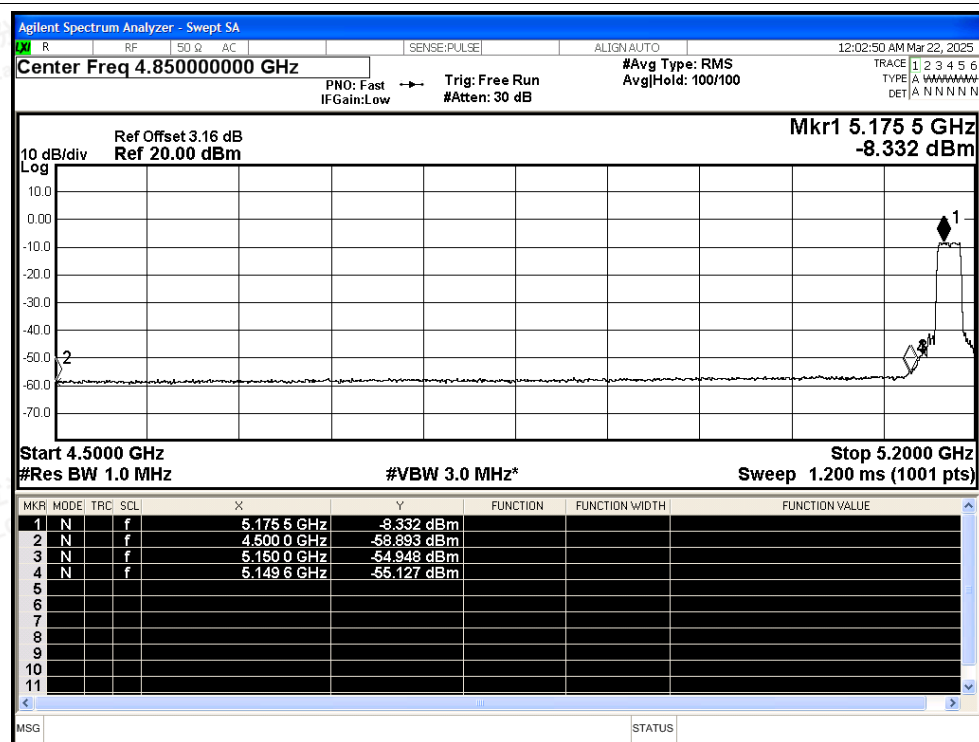
Scan code to check authenticity



Restrict Band NVNT n20 5180MHz Ant Peak



Restrict Band NVNT n20 5180MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

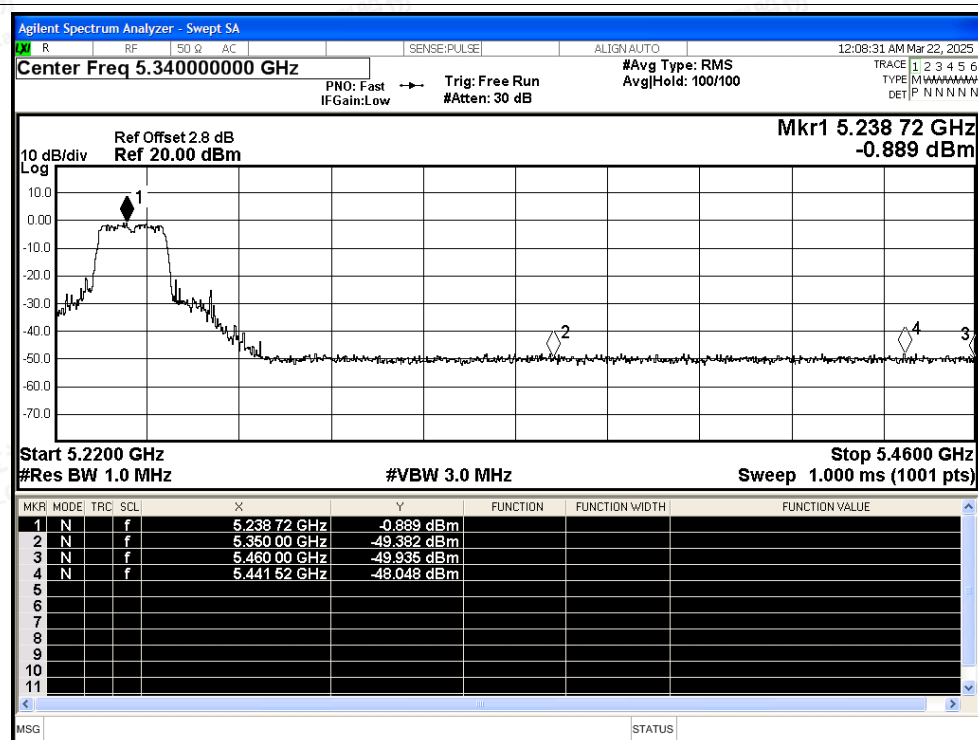
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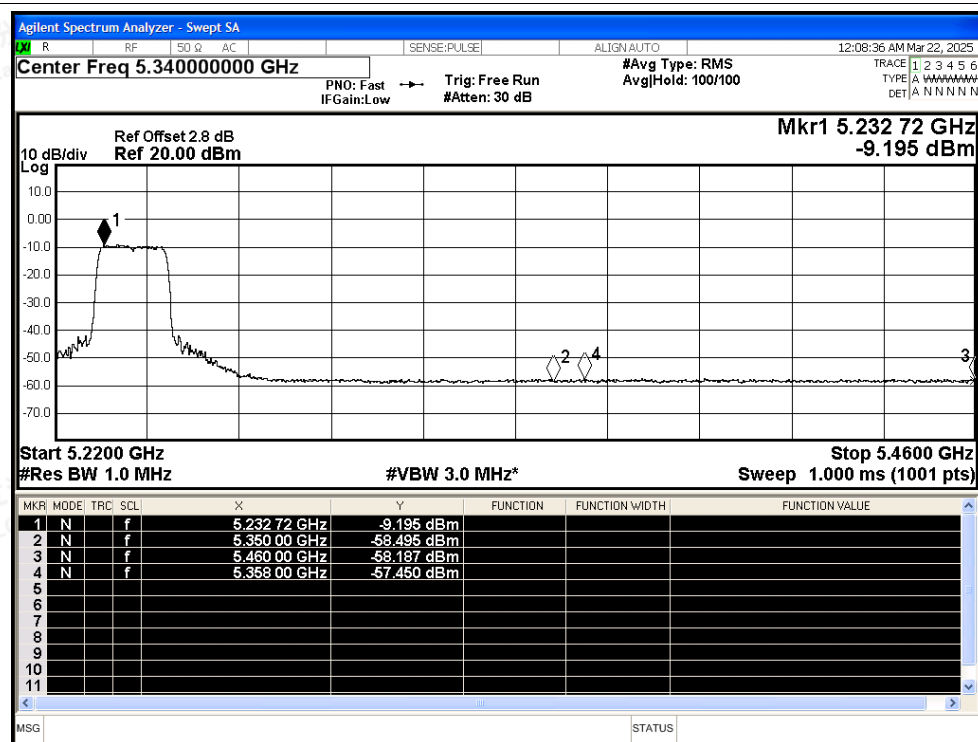
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Restrict Band NVNT n20 5240MHz Ant Peak



Restrict Band NVNT n20 5240MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

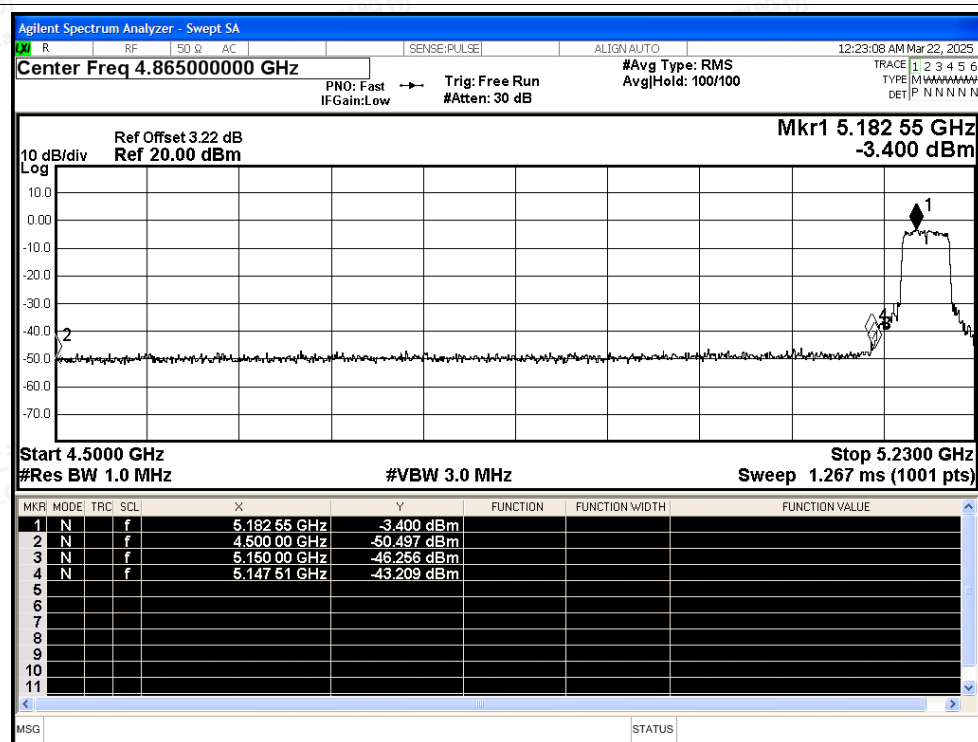
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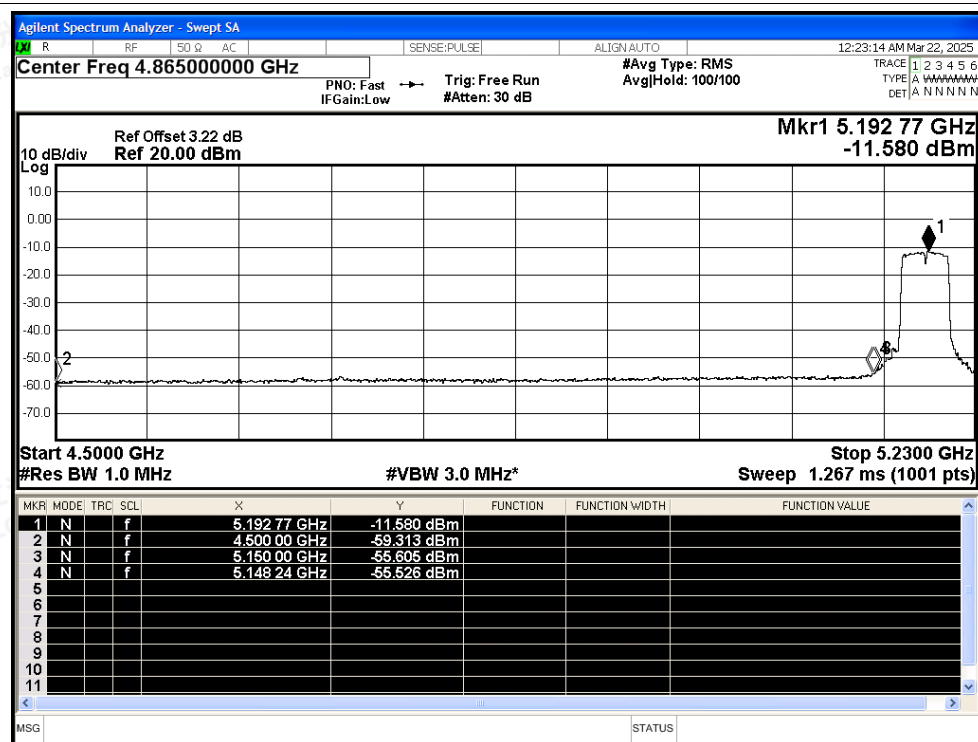
Scan code to check authenticity



Restrict Band NVNT n40 5190MHz Ant Peak



Restrict Band NVNT n40 5190MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

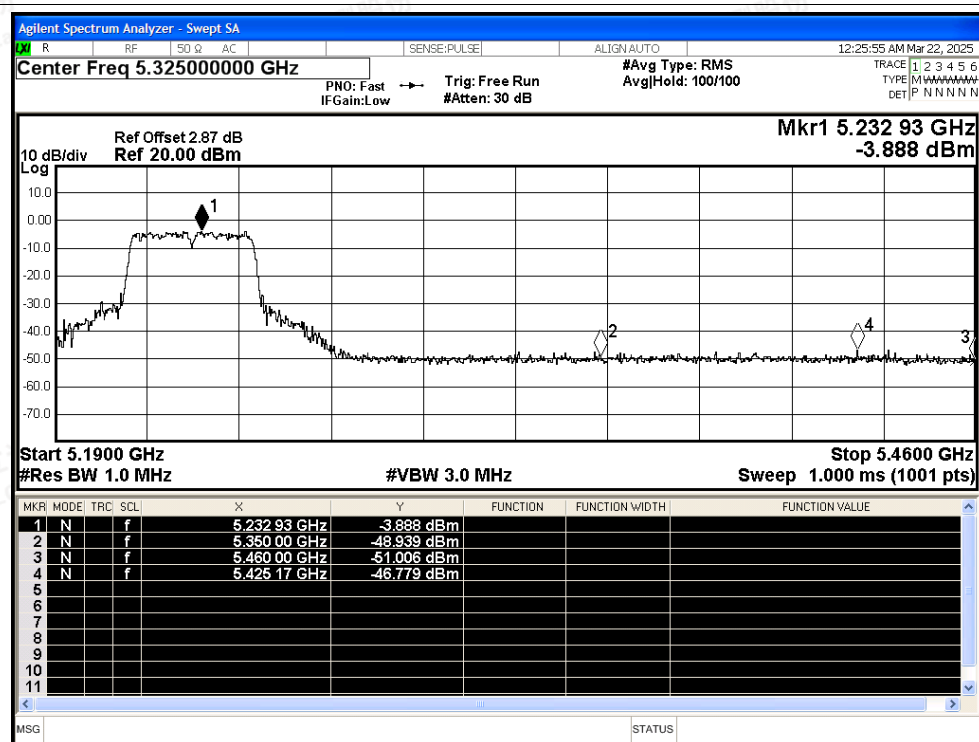
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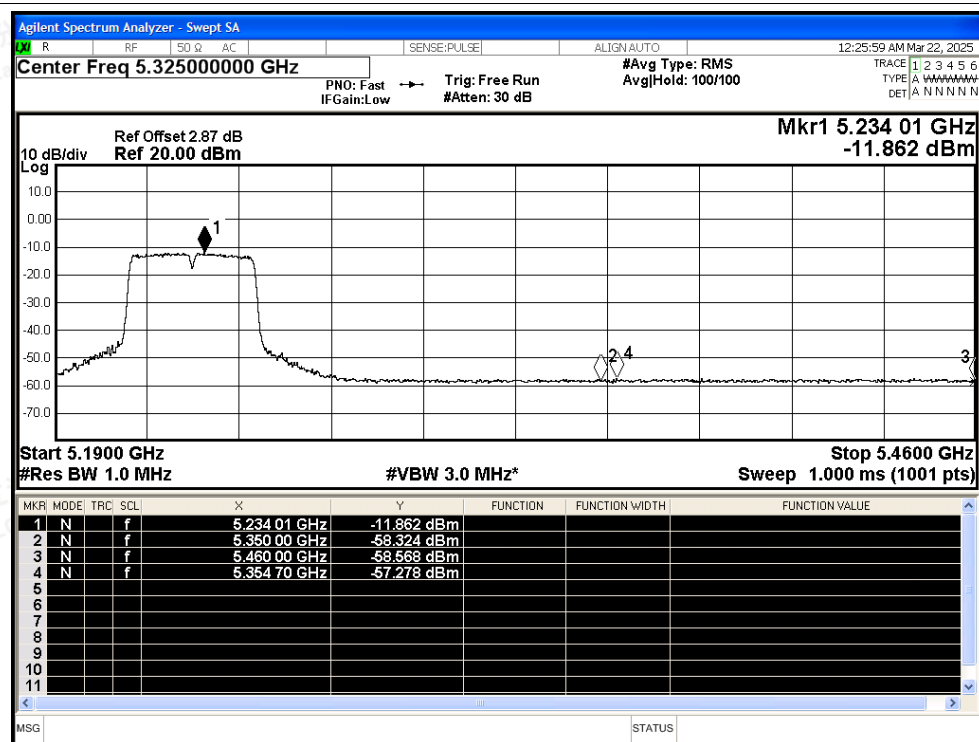
Scan code to check authenticity



Restrict Band NVNT n40 5230MHz Ant Peak



Restrict Band NVNT n40 5230MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

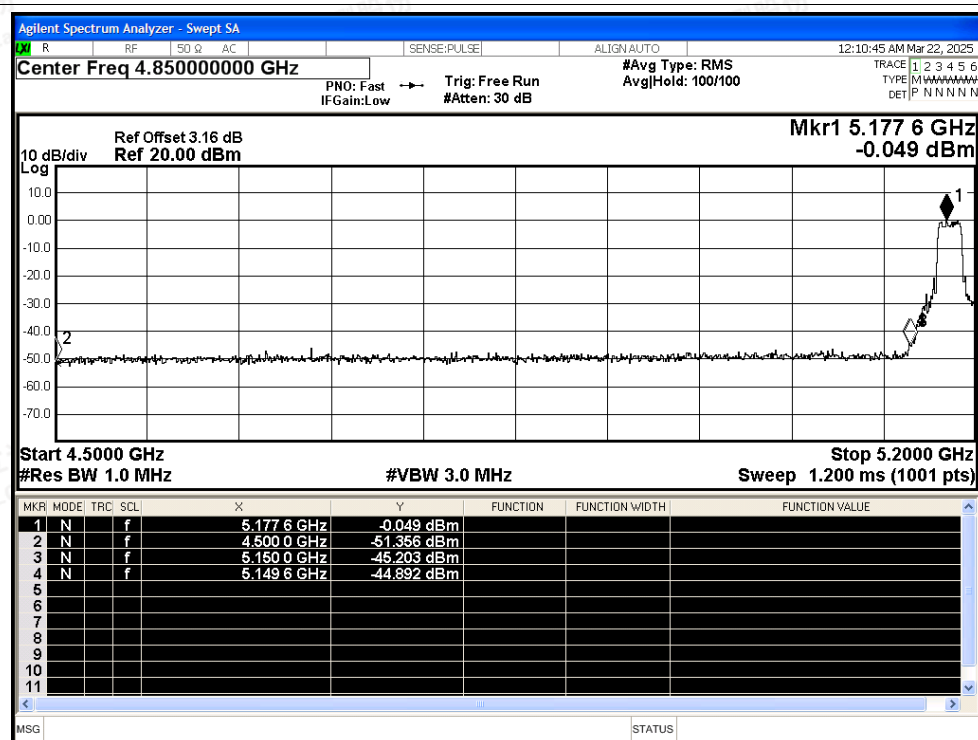
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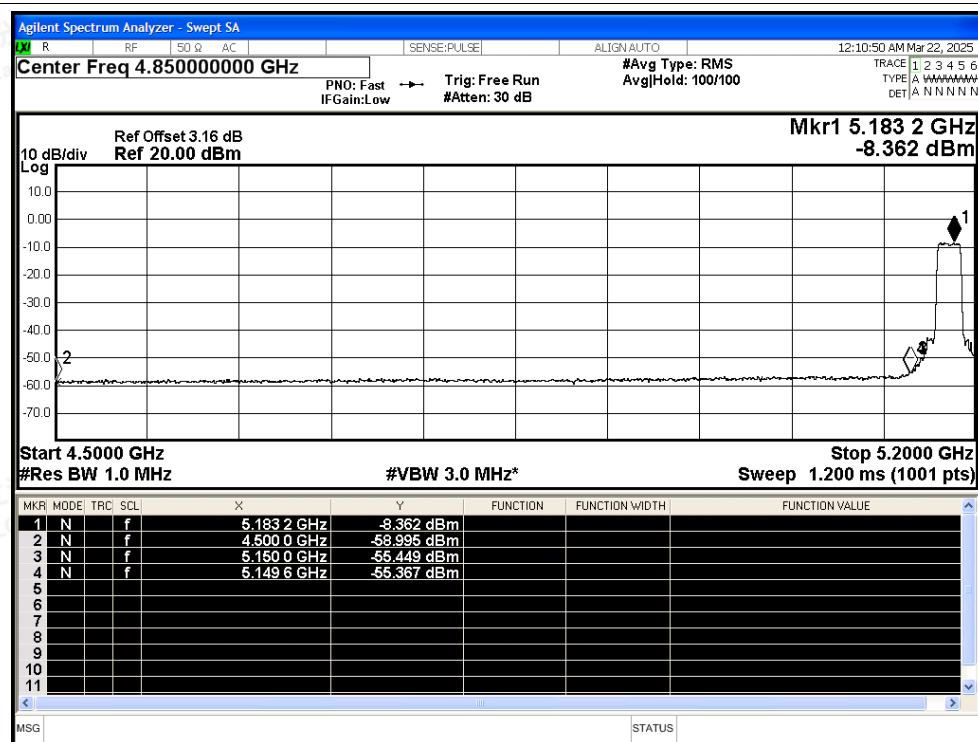
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Restrict Band NVNT ac20 5180MHz Ant Peak



Restrict Band NVNT ac20 5180MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

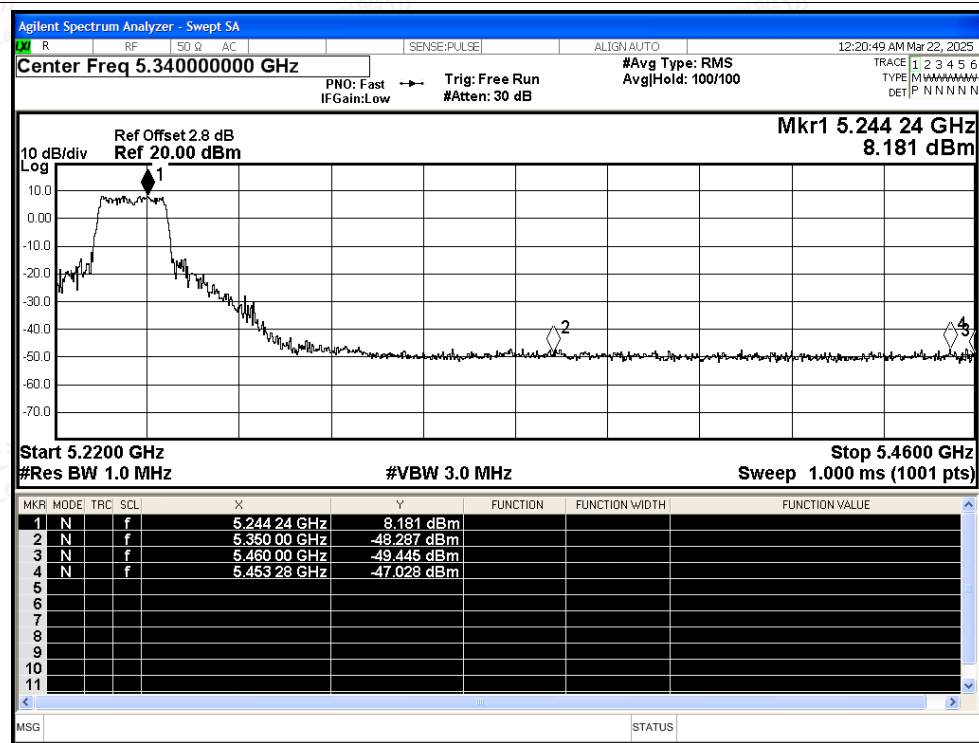
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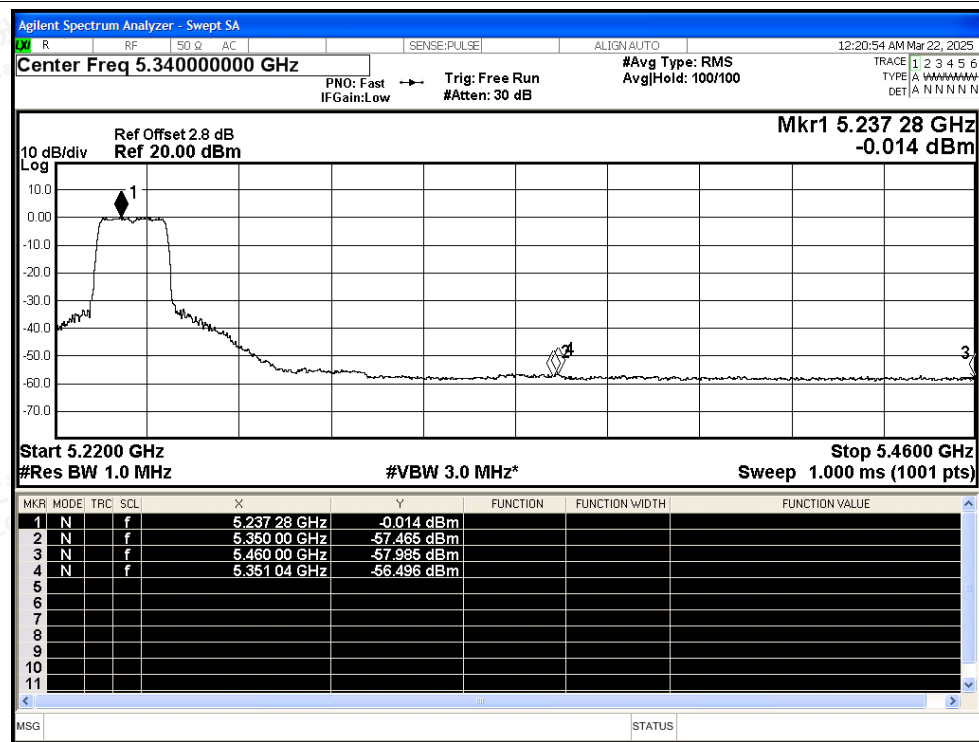
Scan code to check authenticity



Restrict Band NVNT ac20 5240MHz Ant Peak



Restrict Band NVNT ac20 5240MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

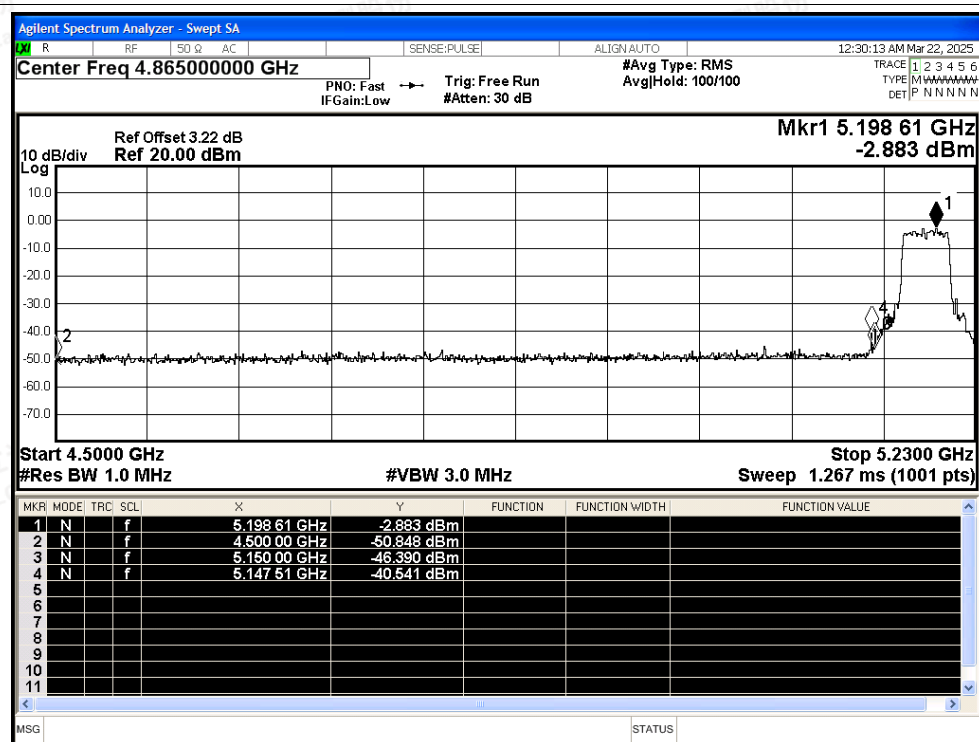
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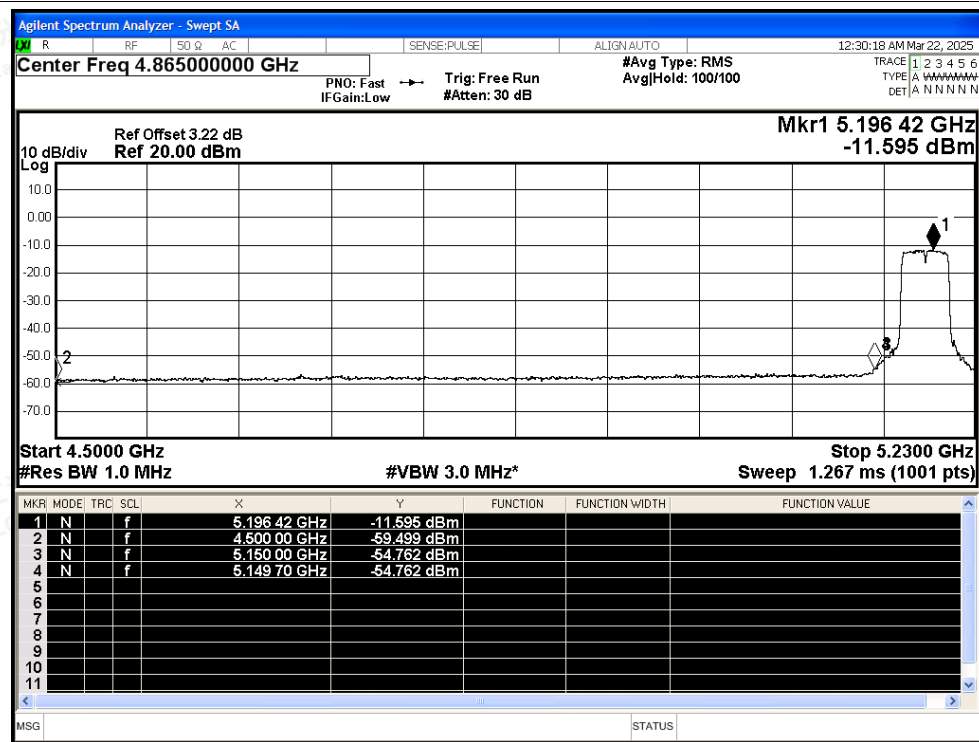
Scan code to check authenticity



Restrict Band NVNT ac40 5190MHz Ant Peak



Restrict Band NVNT ac40 5190MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

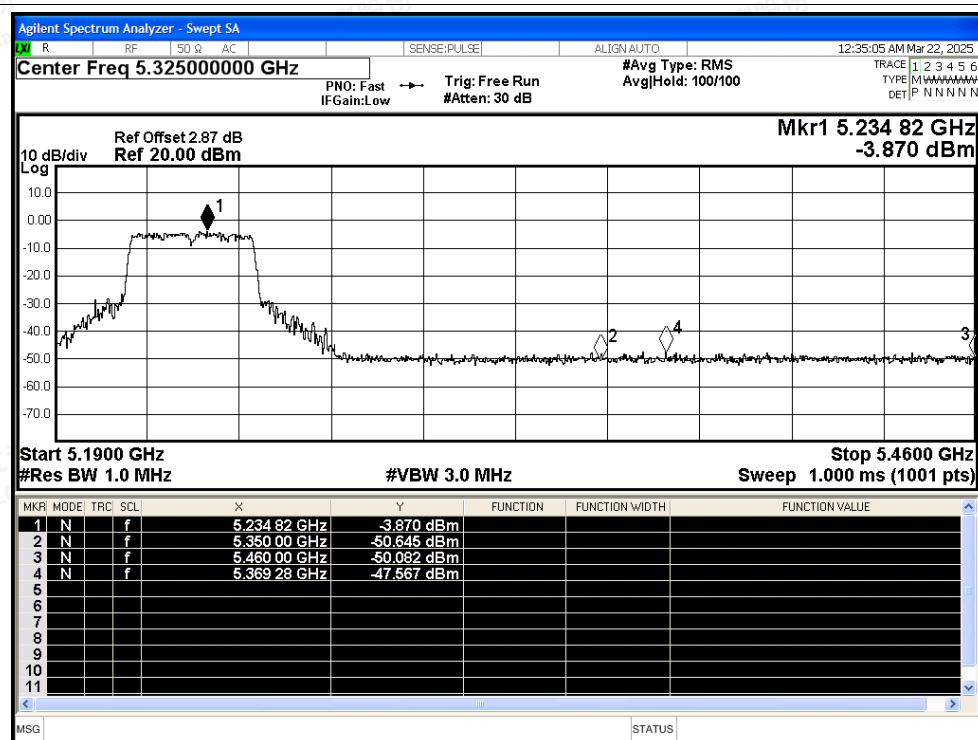
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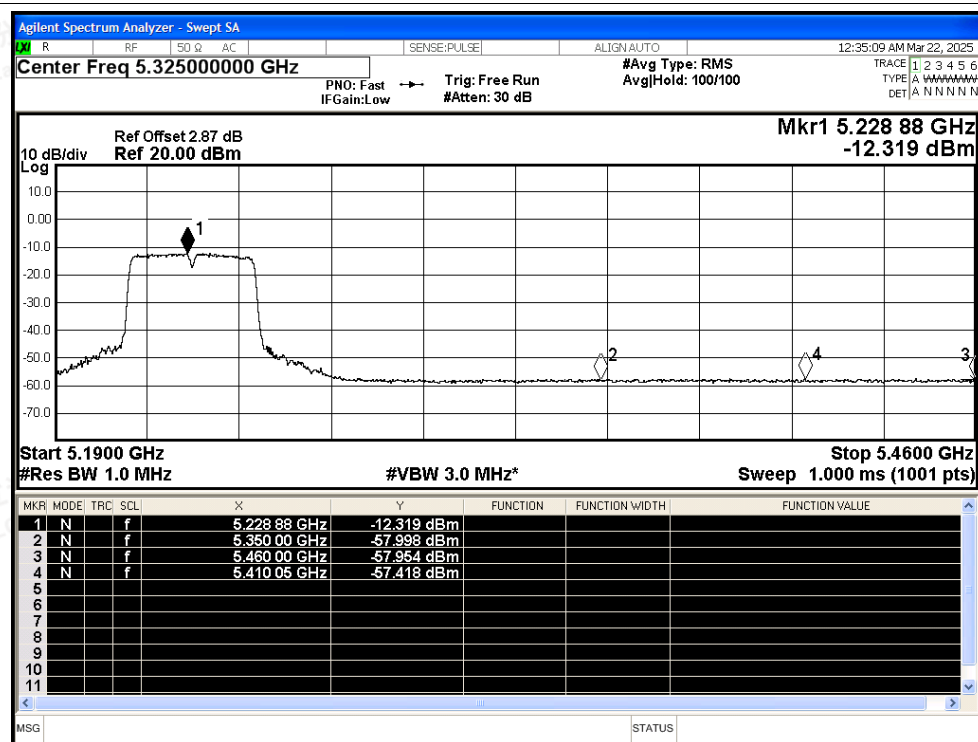
Scan code to check authenticity



Restrict Band NVNT ac40 5230MHz Ant Peak



Restrict Band NVNT ac40 5230MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

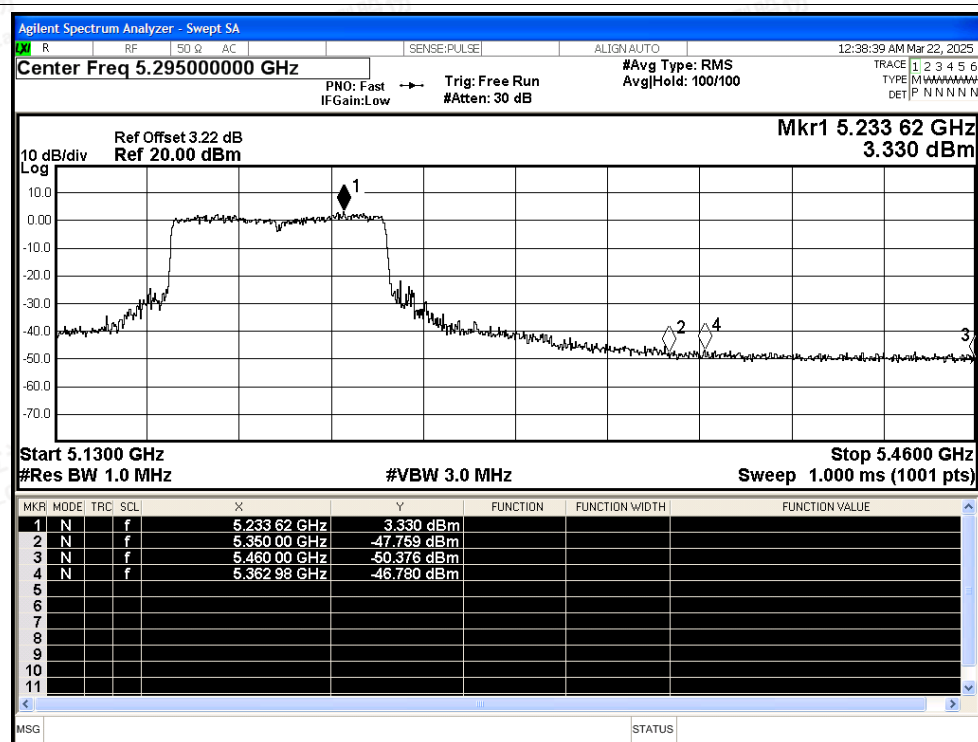
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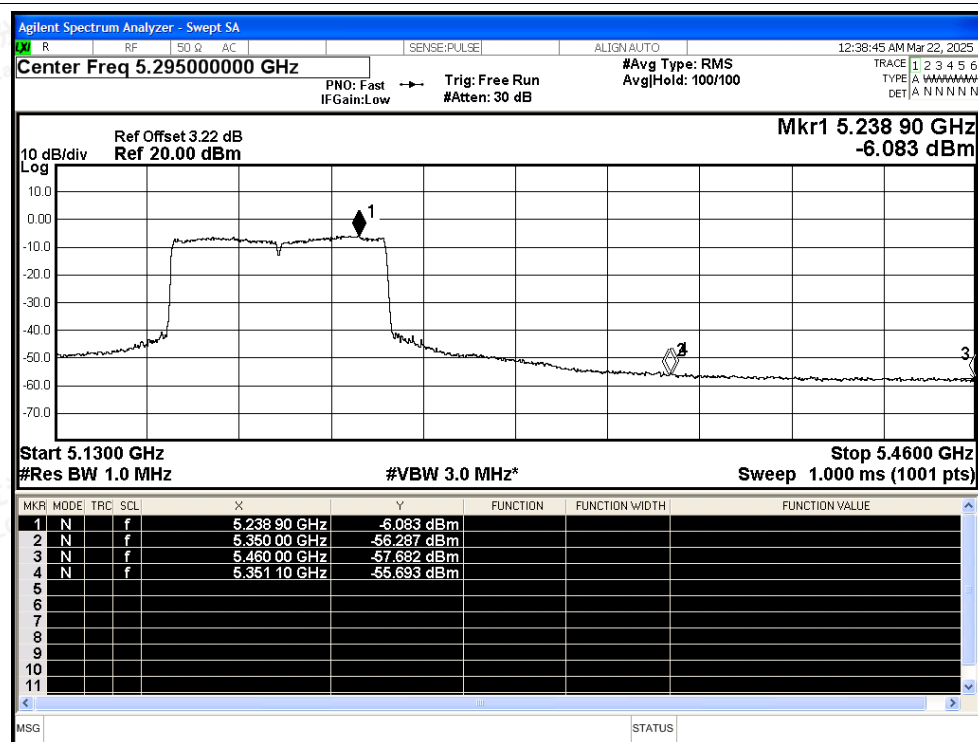
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Restrict Band NVNT ac80 5210MHz Ant Peak



Restrict Band NVNT ac80 5210MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

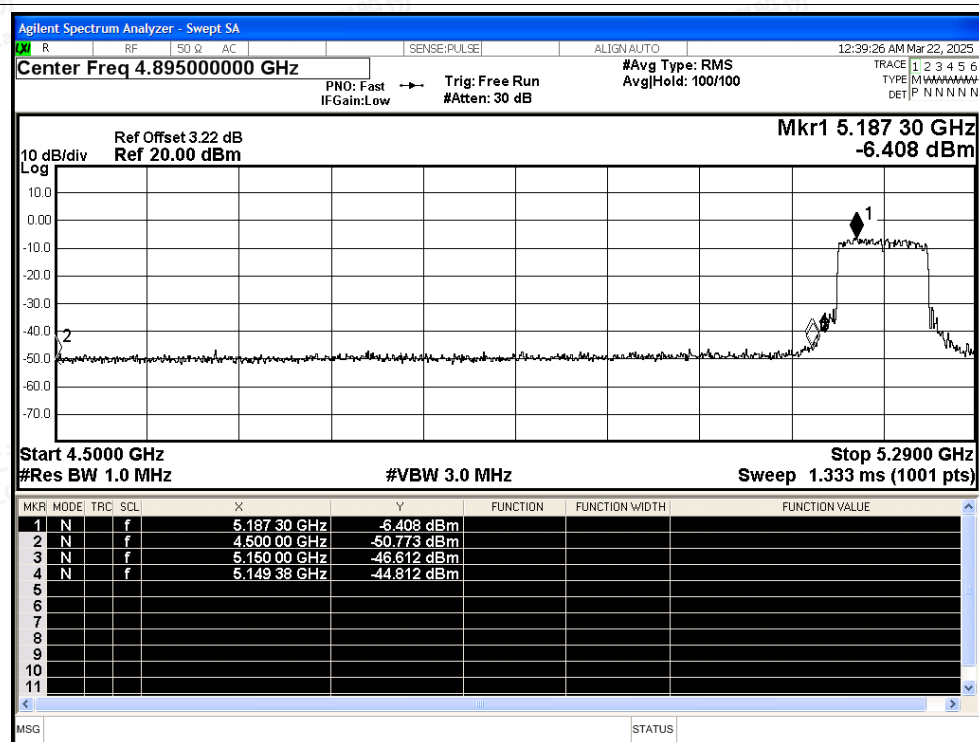
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

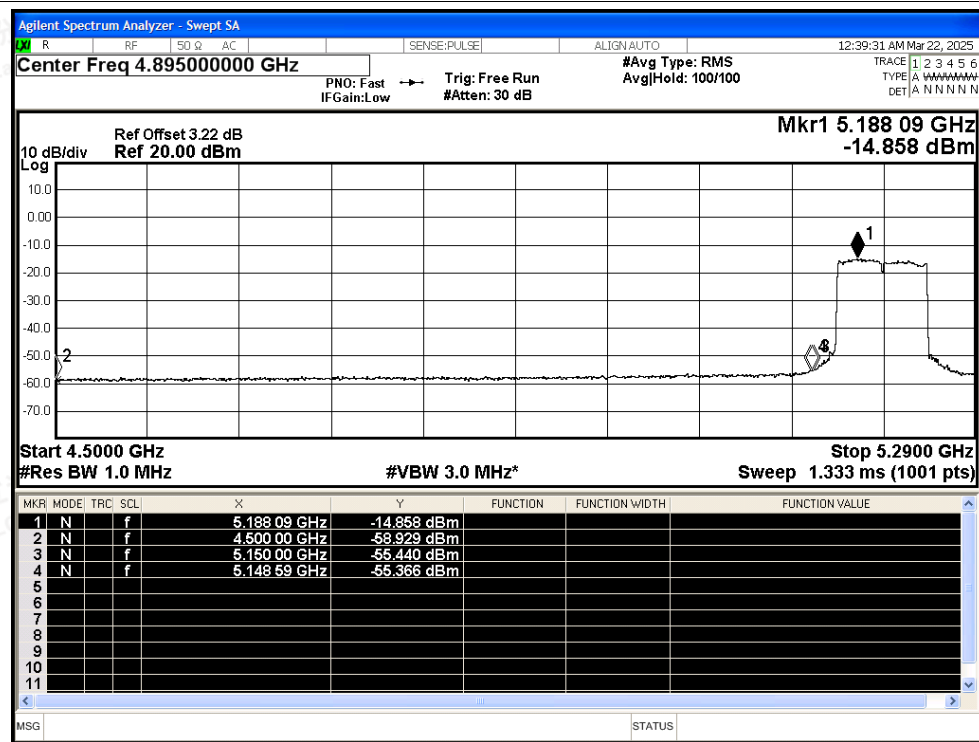
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Restrict Band NVNT ac80 5210MHz Ant Peak



Restrict Band NVNT ac80 5210MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

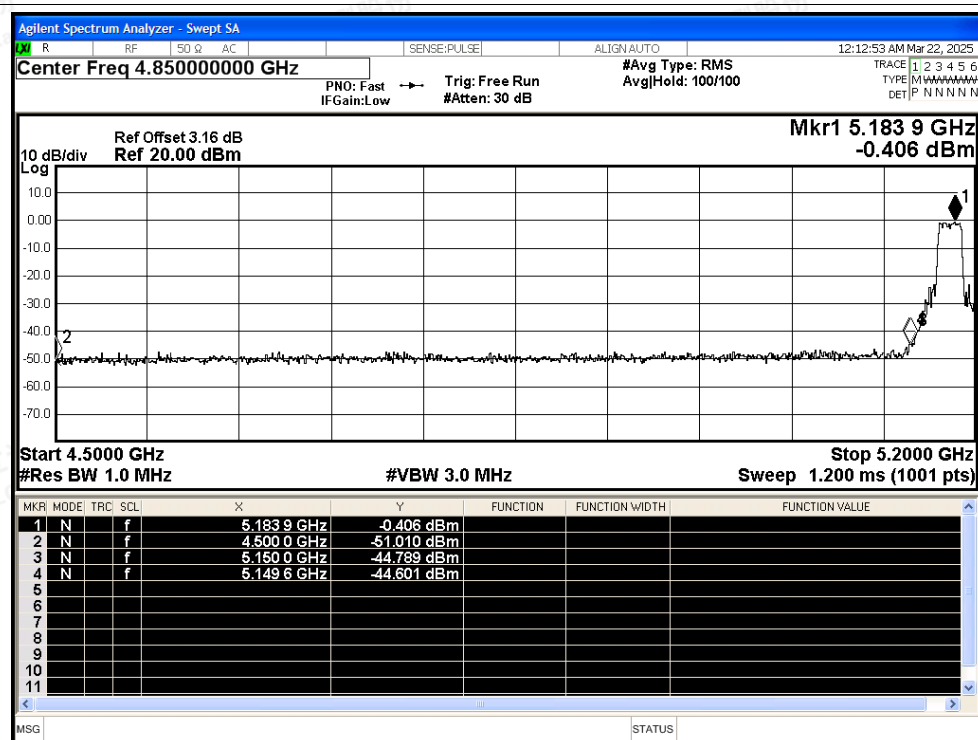
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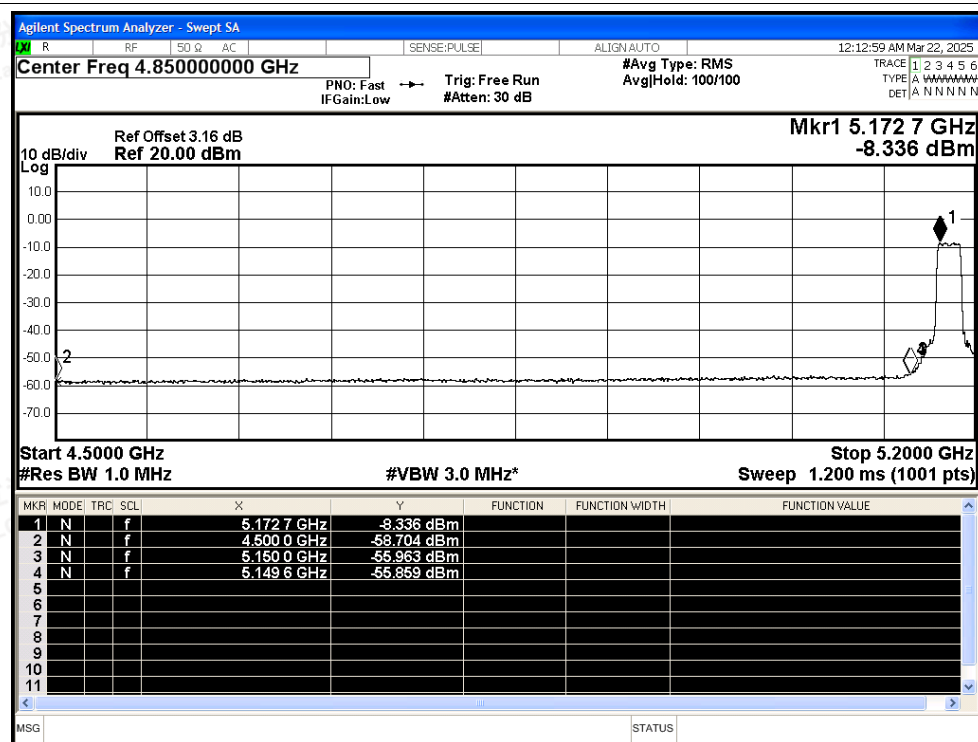
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Restrict Band NVNT ax20 5180MHz Ant Peak



Restrict Band NVNT ax20 5180MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

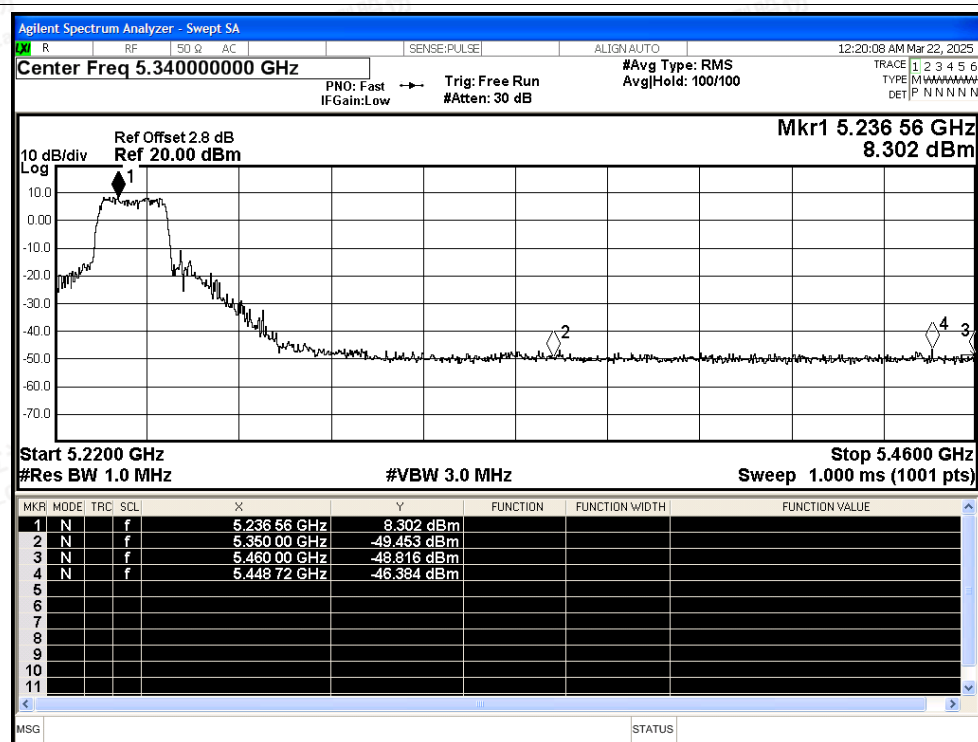
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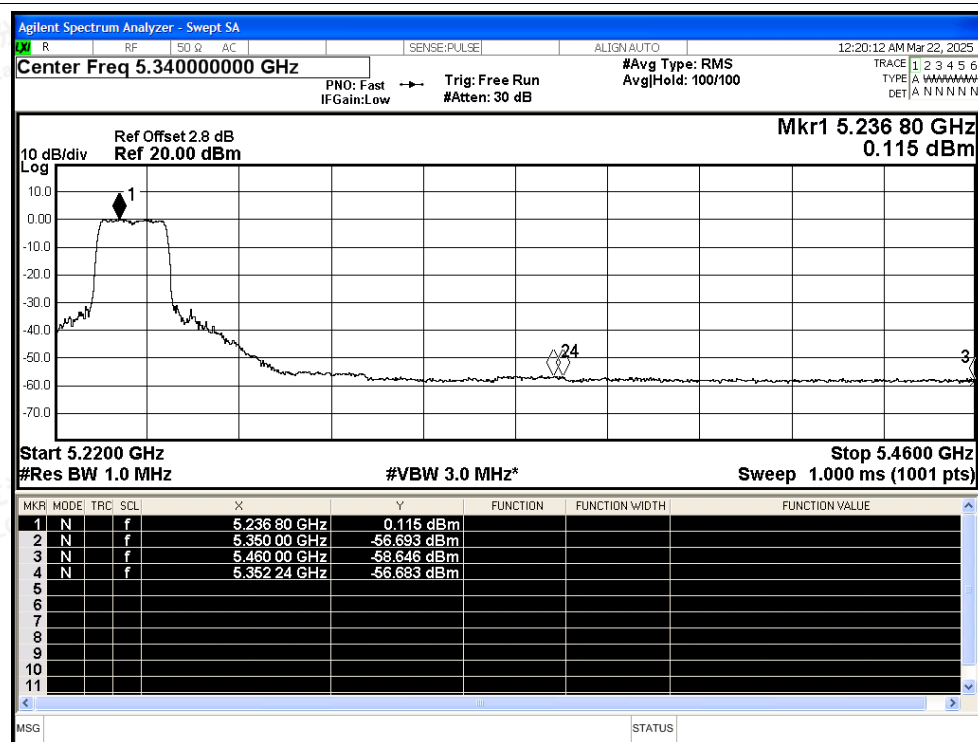
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Restrict Band NVNT ax20 5240MHz Ant Peak



Restrict Band NVNT ax20 5240MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

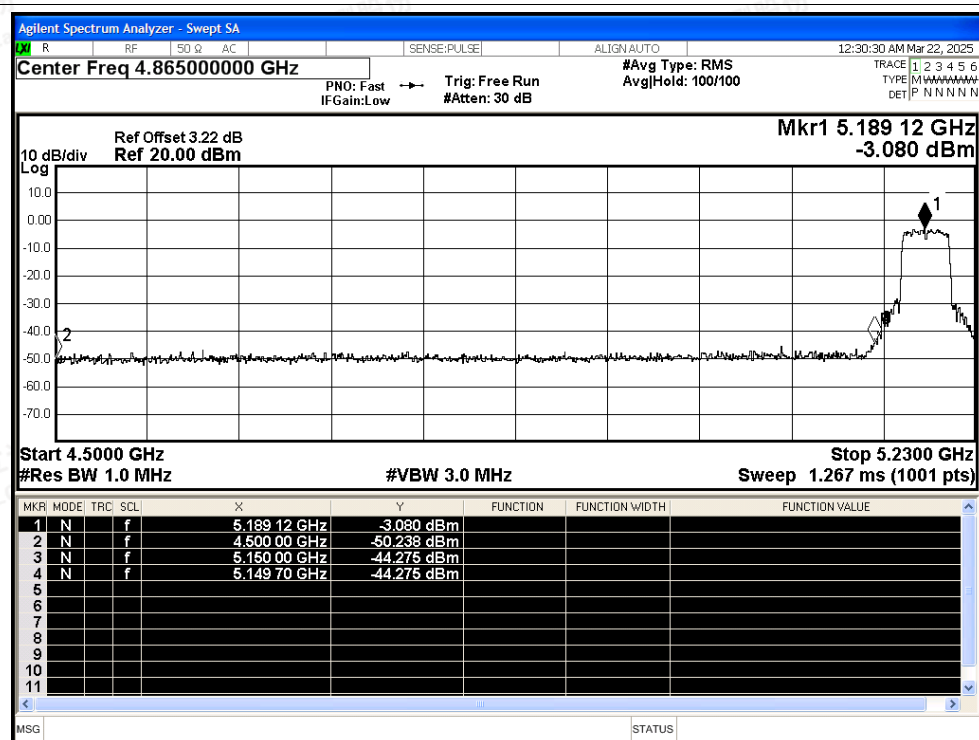
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

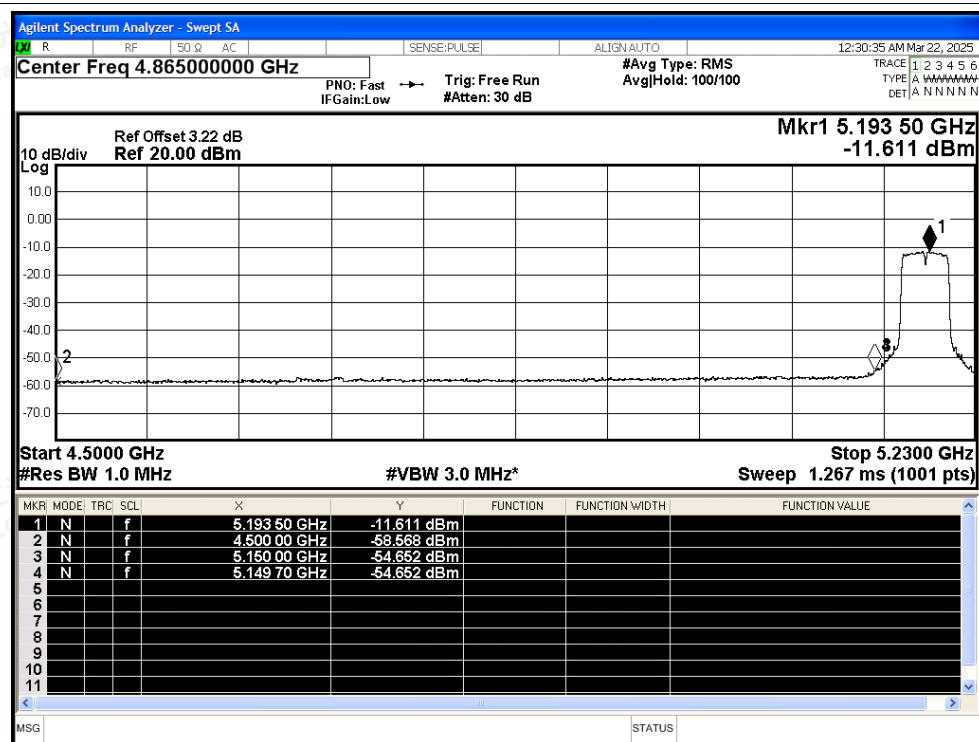
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Restrict Band NVNT ax40 5190MHz Ant Peak



Restrict Band NVNT ax40 5190MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

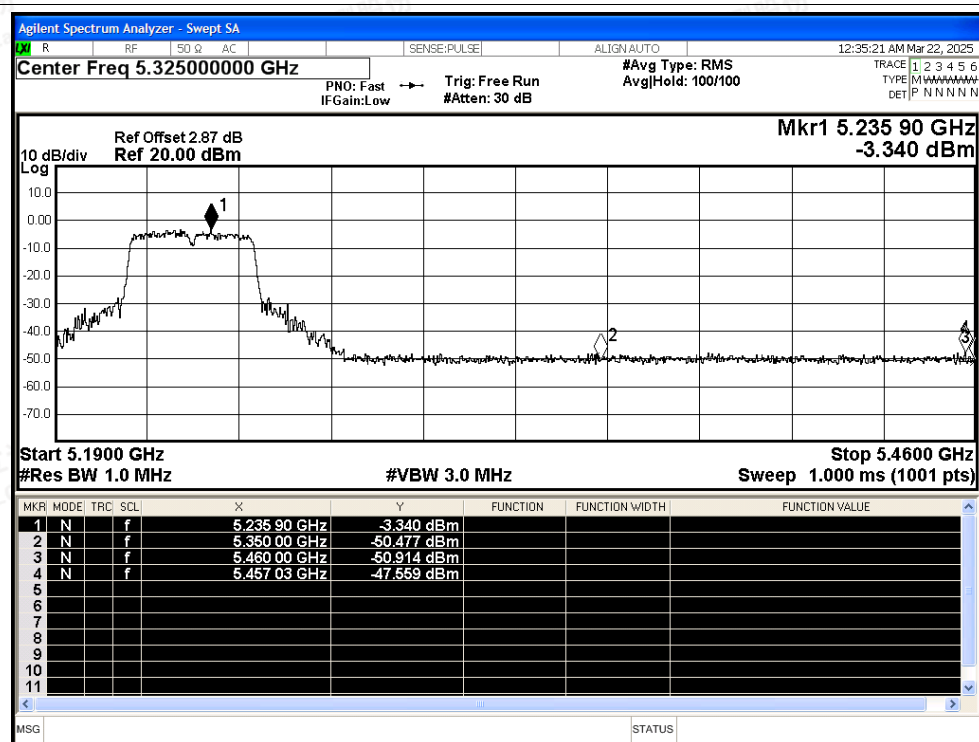
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

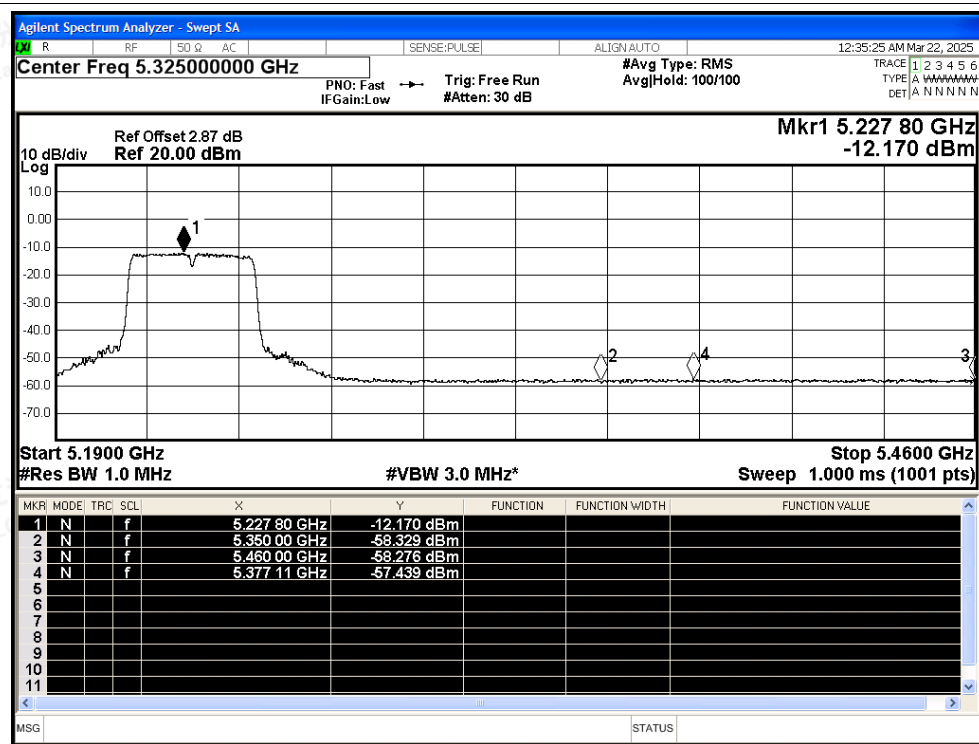
Scan code to check authenticity



Restrict Band NVNT ax40 5230MHz Ant Peak



Restrict Band NVNT ax40 5230MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

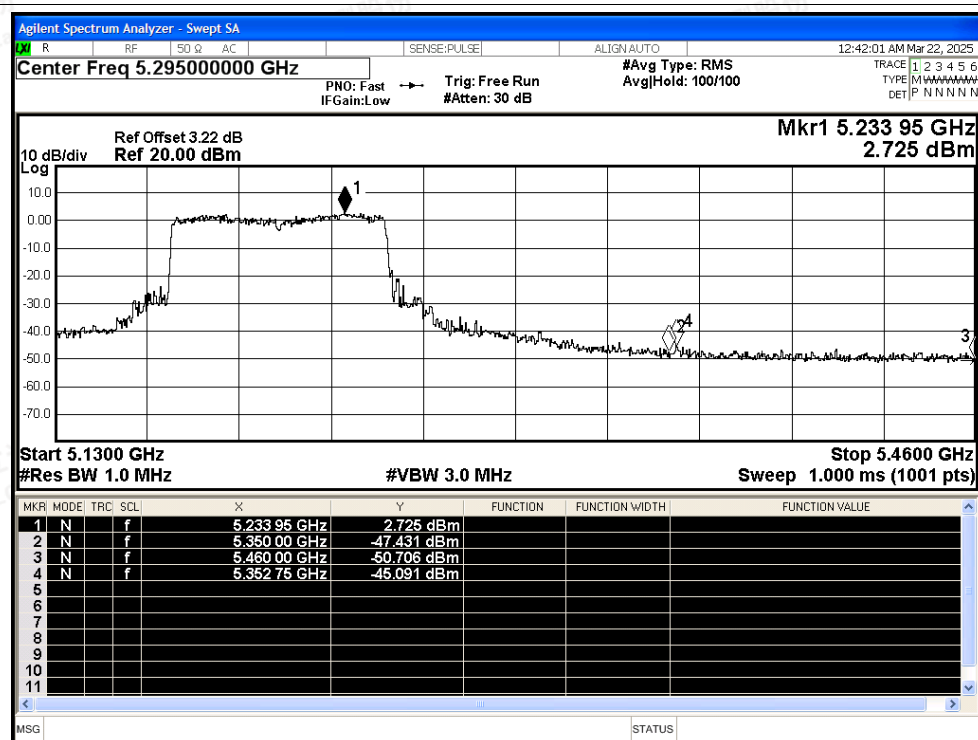
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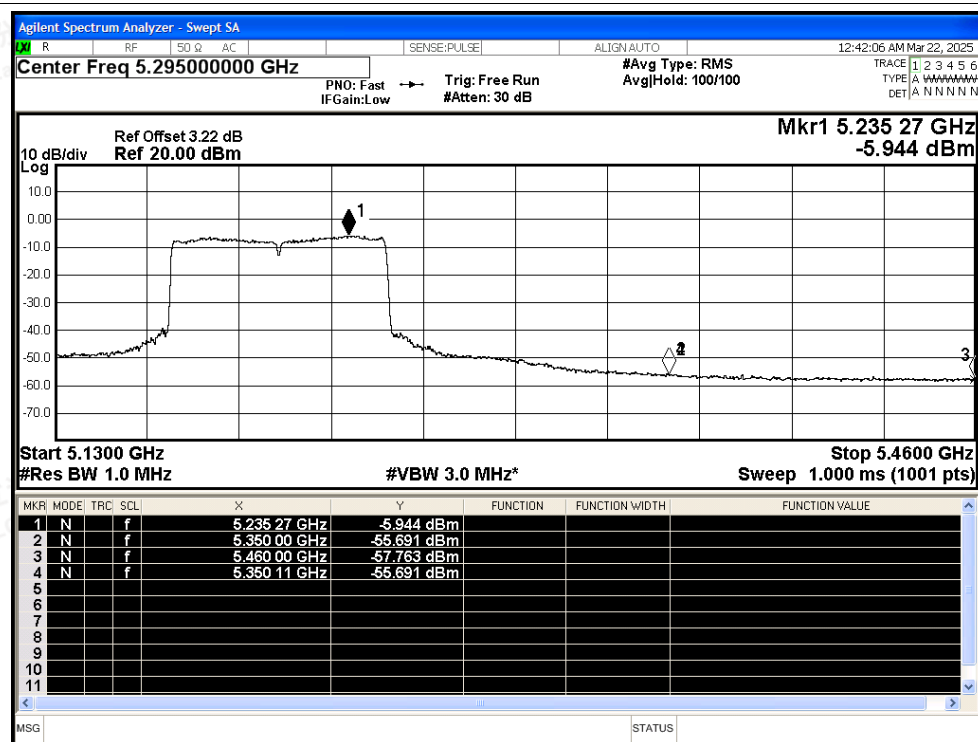
Scan code to check authenticity



Restrict Band NVNT ax80 5210MHz Ant Peak



Restrict Band NVNT ax80 5210MHz Ant Average



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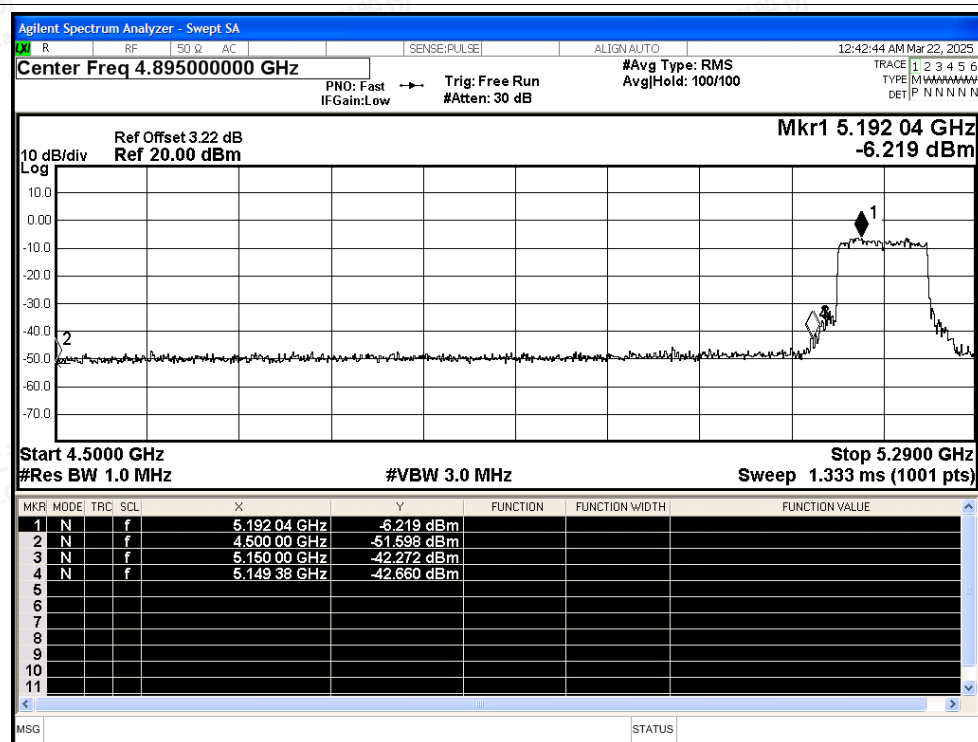
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

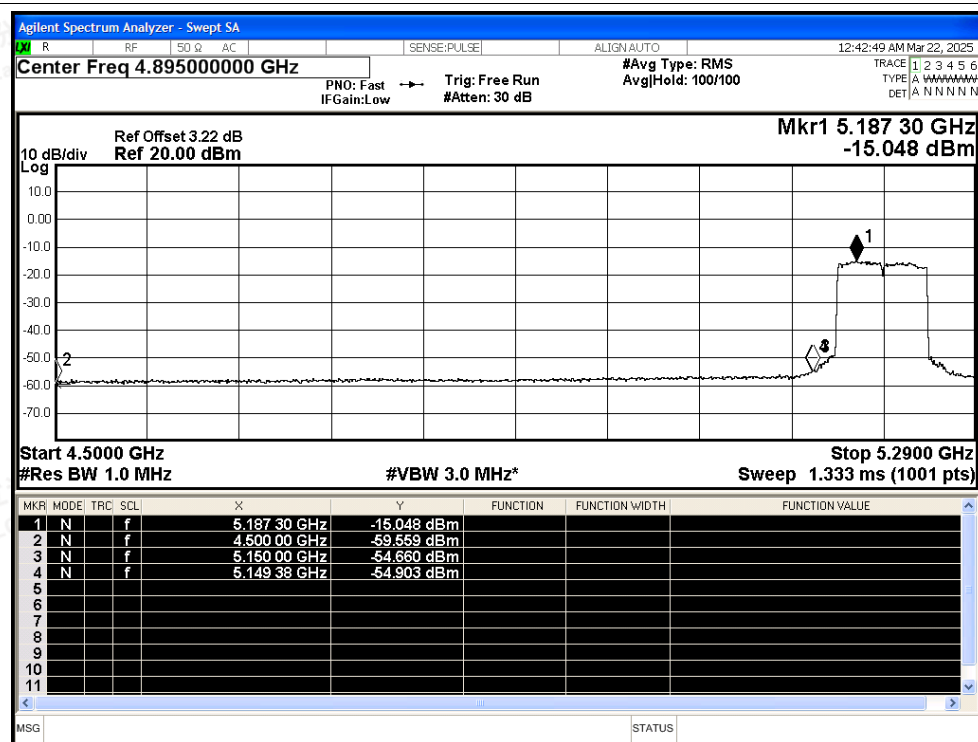
Scan code to check authenticity



Restrict Band NVNT ax80 5210MHz Ant Peak



Restrict Band NVNT ax80 5210MHz Ant Average



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D.5 Frequency Stability

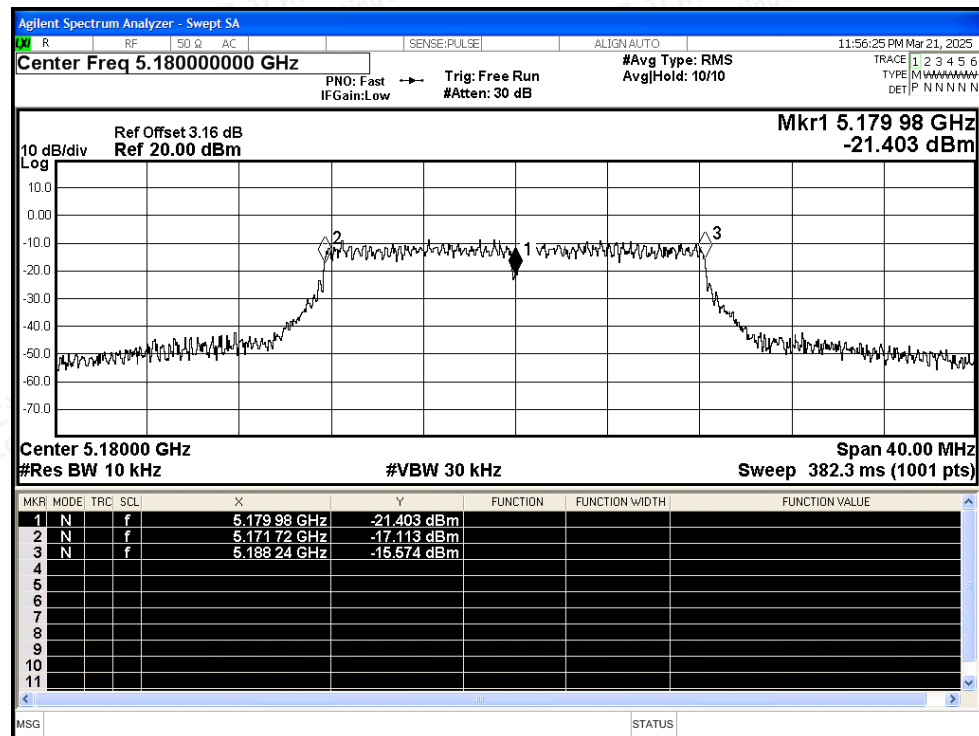
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5180	Ant	5179.98	-20000	-3.86	25	Pass
NVNT	a	5200	Ant	5199.98	-20000	-3.85	25	Pass
NVNT	a	5240	Ant	5240	0	0	25	Pass
NVNT	n20	5180	Ant	5180	0	0	25	Pass
NVNT	n20	5200	Ant	5199.96	-40000	-7.69	25	Pass
NVNT	n20	5240	Ant	5239.98	-20000	-3.82	25	Pass
NVNT	n40	5190	Ant	5190	0	0	25	Pass
NVNT	n40	5230	Ant	5230	0	0	25	Pass
NVNT	ac20	5180	Ant	5180	0	0	25	Pass
NVNT	ac20	5200	Ant	5199.98	-20000	-3.85	25	Pass
NVNT	ac20	5240	Ant	5239.98	-20000	-3.82	25	Pass
NVNT	ac40	5190	Ant	5190	0	0	25	Pass
NVNT	ac40	5230	Ant	5230	0	0	25	Pass
NVNT	ac80	5210	Ant	5210	0	0	25	Pass
NVNT	ax20	5180	Ant	5179.98	-20000	-3.86	25	Pass
NVNT	ax20	5200	Ant	5200	0	0	25	Pass
NVNT	ax20	5240	Ant	5239.98	-20000	-3.82	25	Pass
NVNT	ax40	5190	Ant	5190	0	0	25	Pass
NVNT	ax40	5230	Ant	5230	0	0	25	Pass
NVNT	ax80	5210	Ant	5210	0	0	25	Pass



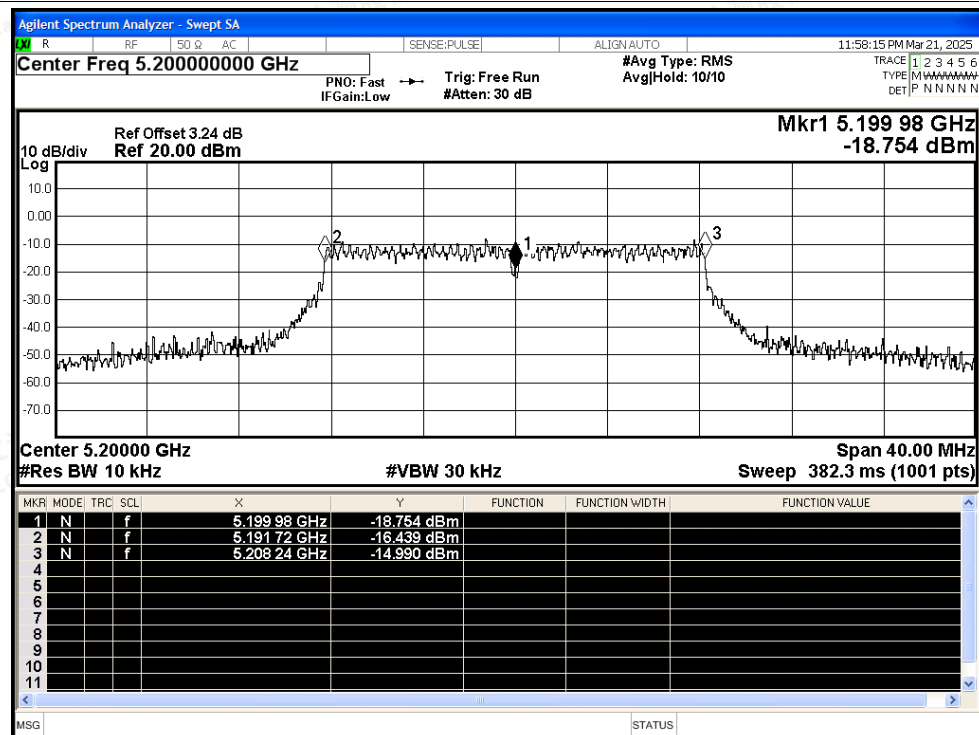


Test Graphs

Freq. Stability NVNT a 5180MHz Ant



Freq. Stability NVNT a 5200MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

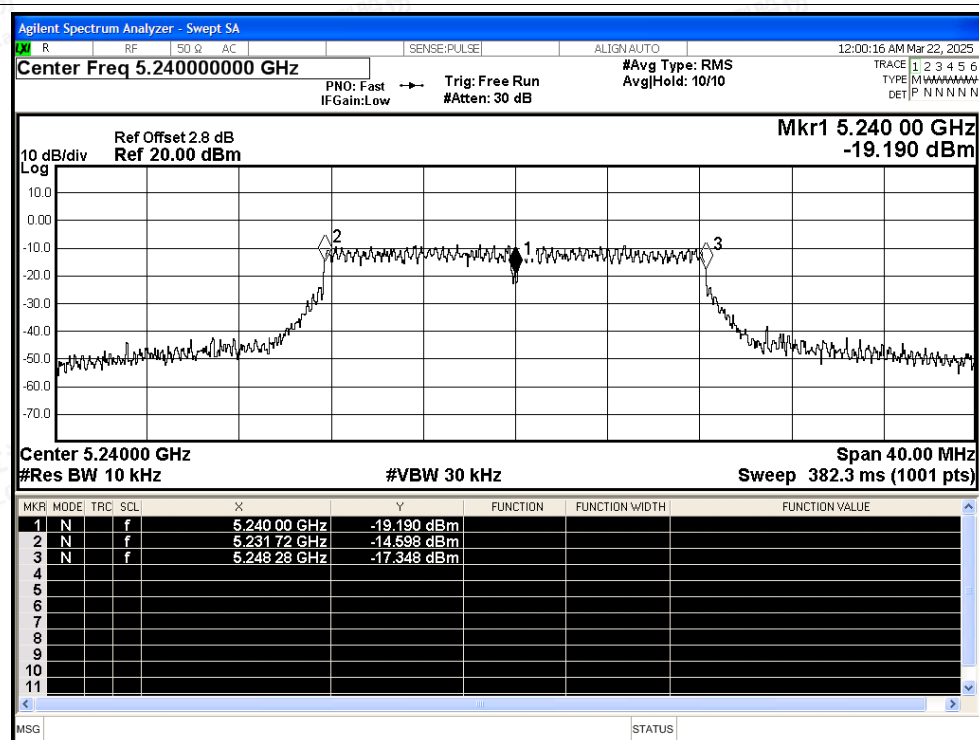
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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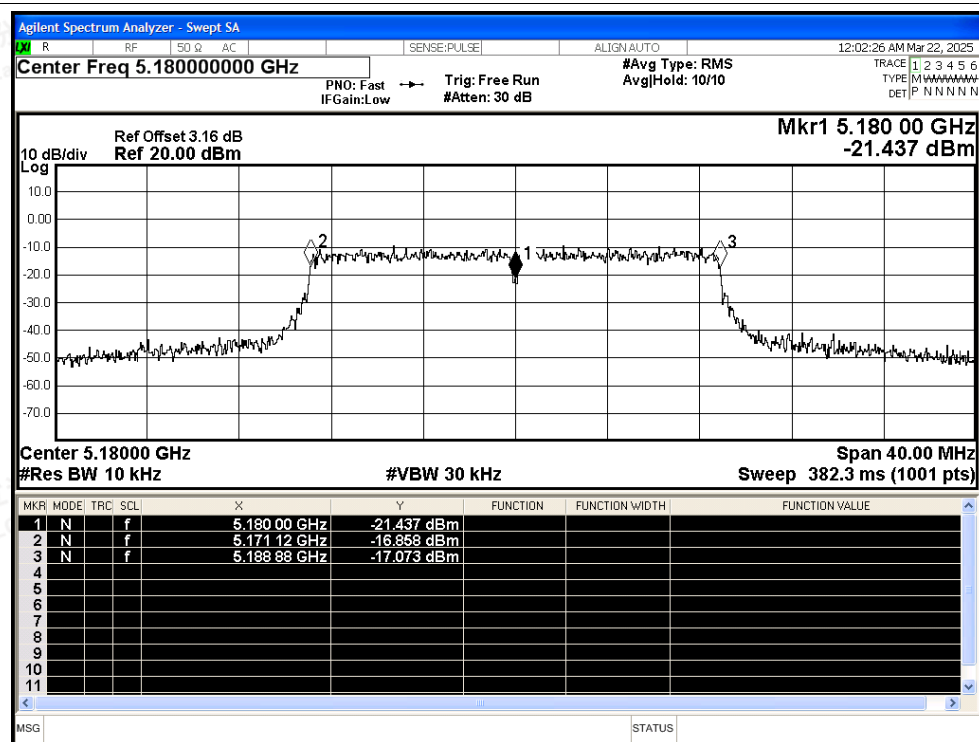
Scan code to check authenticity



Freq. Stability NVNT a 5240MHz Ant



Freq. Stability NVNT n20 5180MHz Ant



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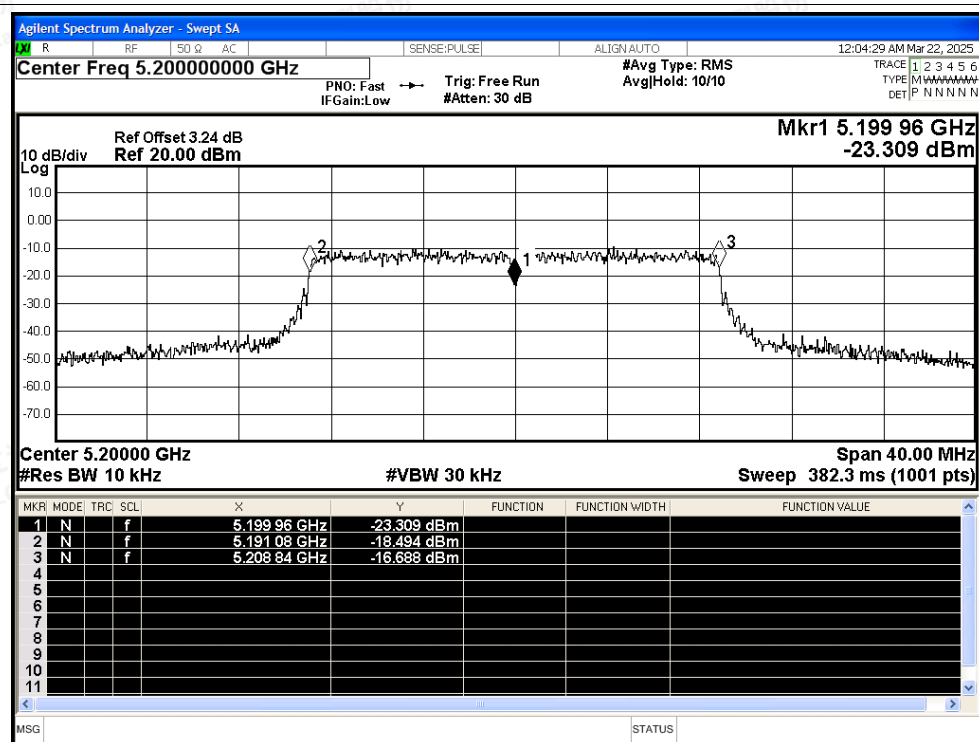
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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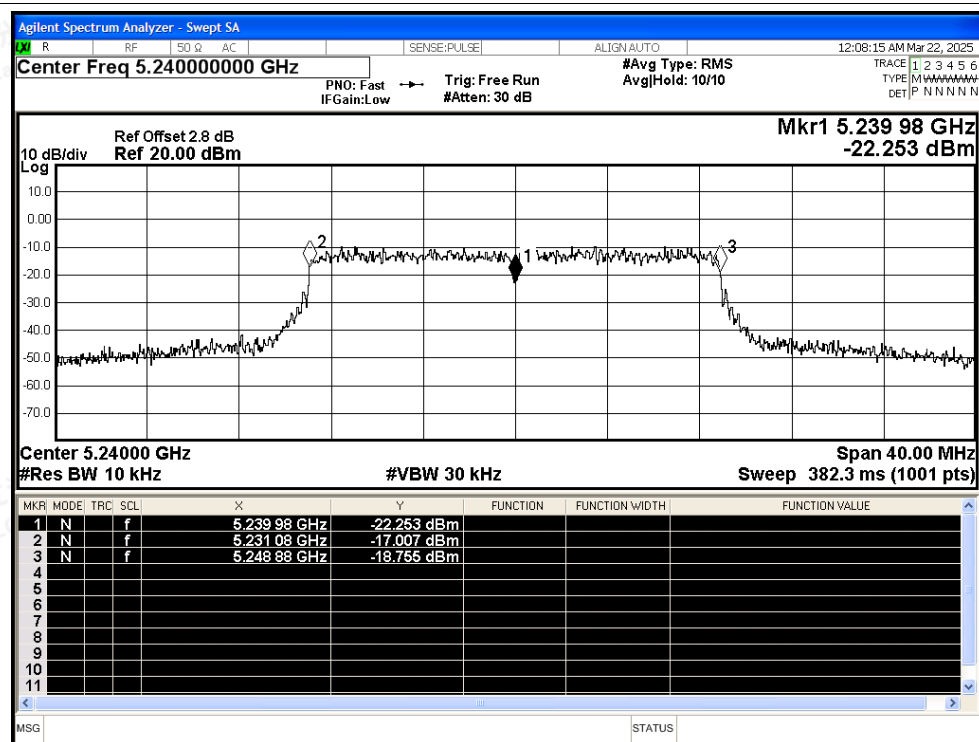
Scan code to check authenticity



Freq. Stability NVNT n20 5200MHz Ant



Freq. Stability NVNT n20 5240MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

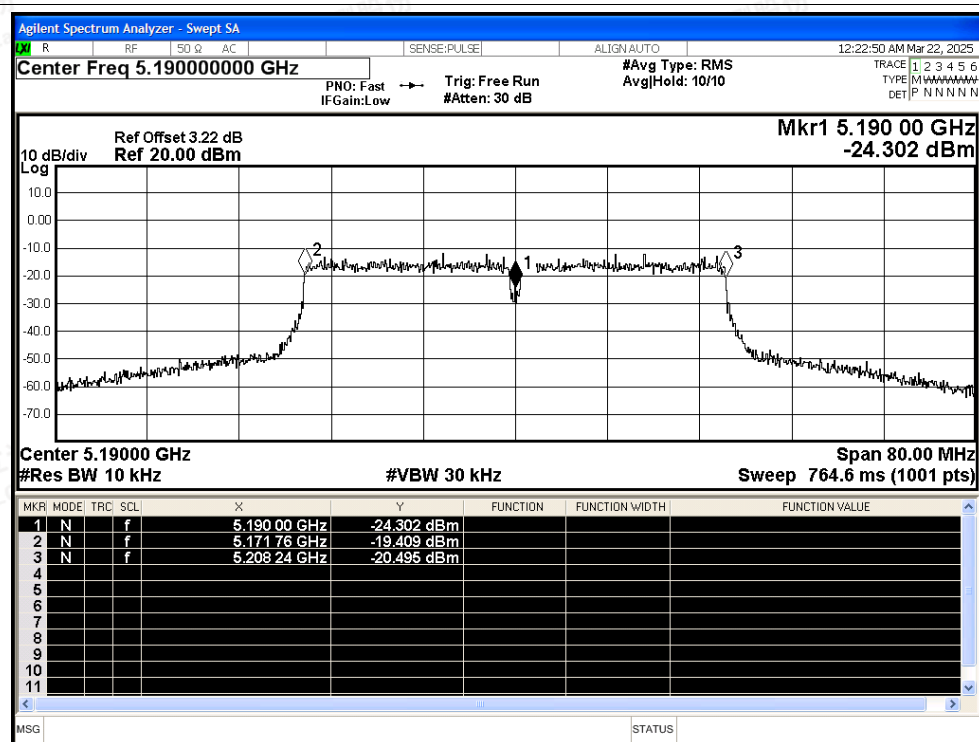
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

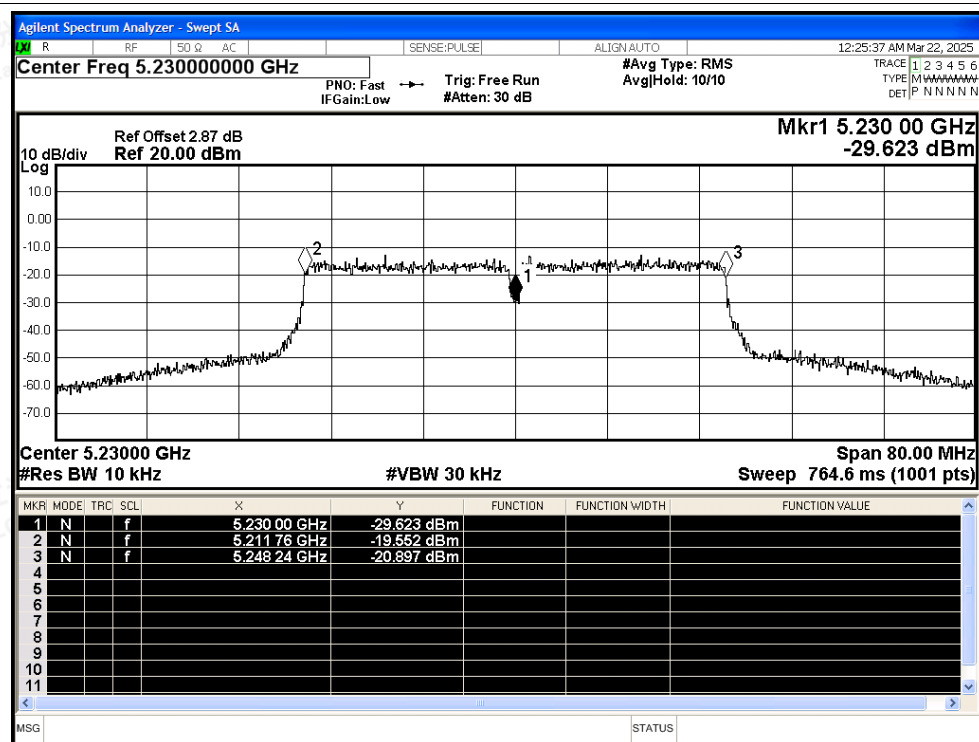
Scan code to check authenticity



Freq. Stability NVNT n40 5190MHz Ant



Freq. Stability NVNT n40 5230MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

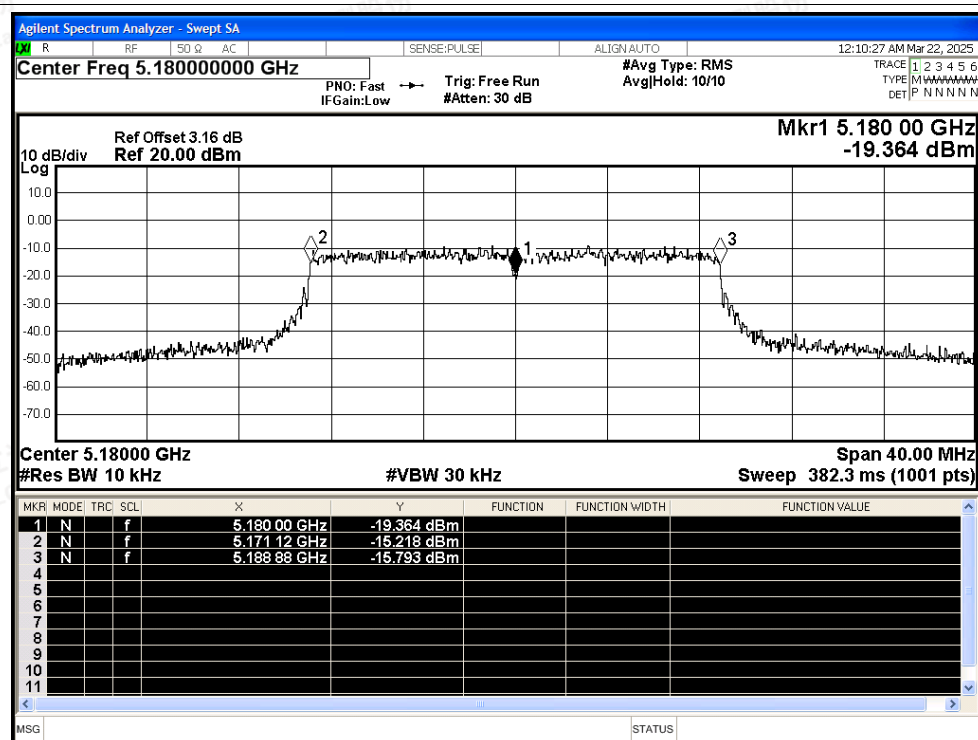
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

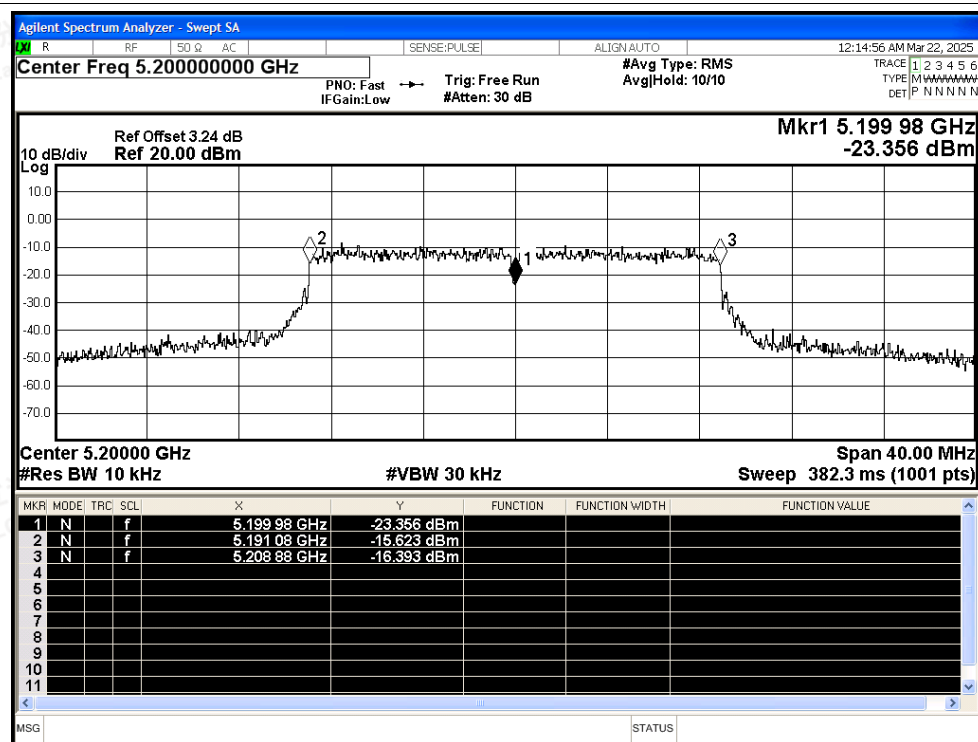
Scan code to check authenticity



Freq. Stability NVNT ac20 5180MHz Ant



Freq. Stability NVNT ac20 5200MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

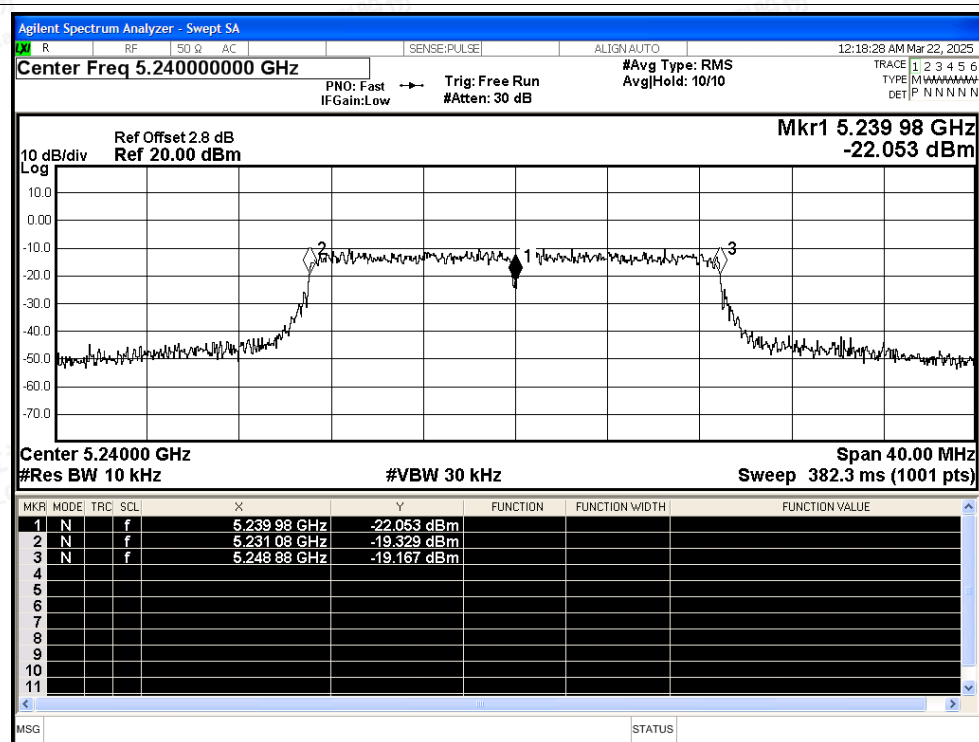
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

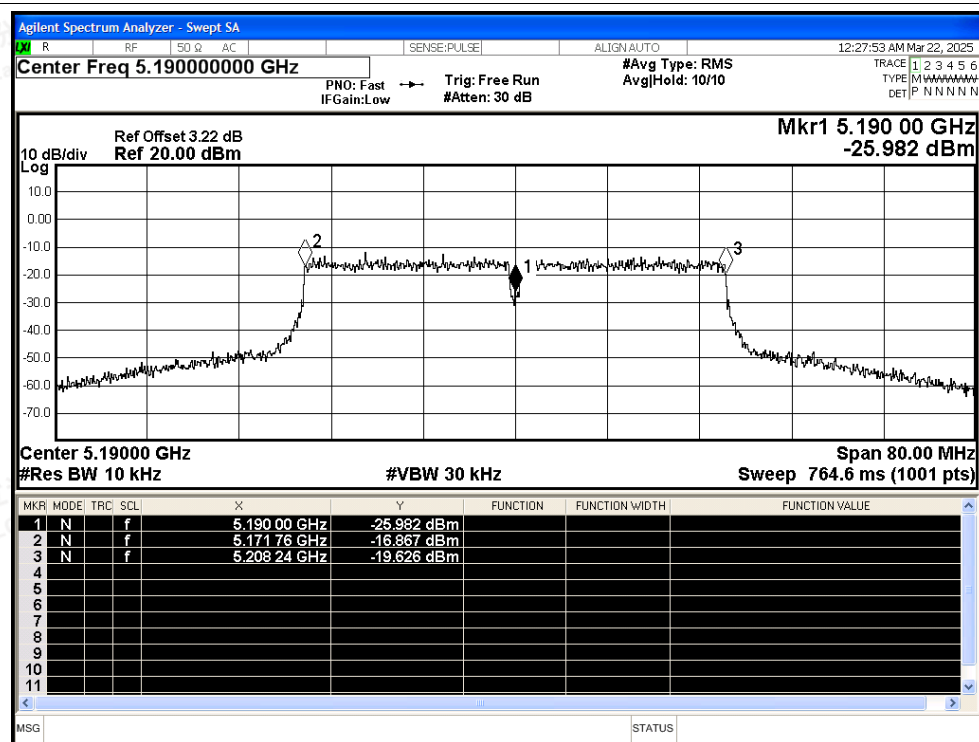
Scan code to check authenticity



Freq. Stability NVNT ac20 5240MHz Ant



Freq. Stability NVNT ac40 5190MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

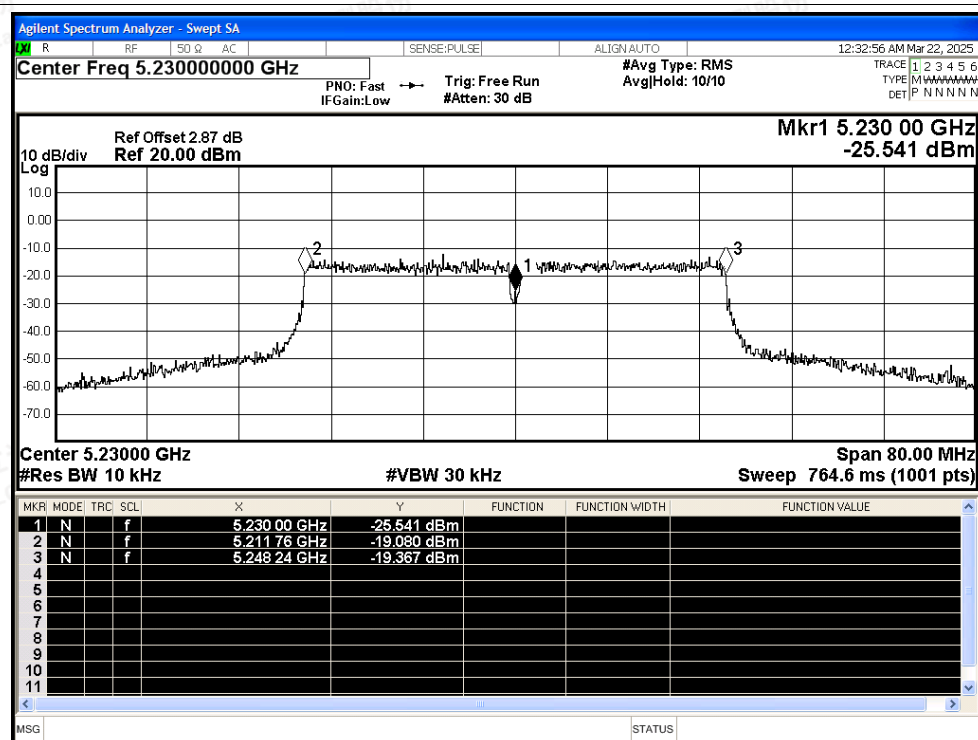
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

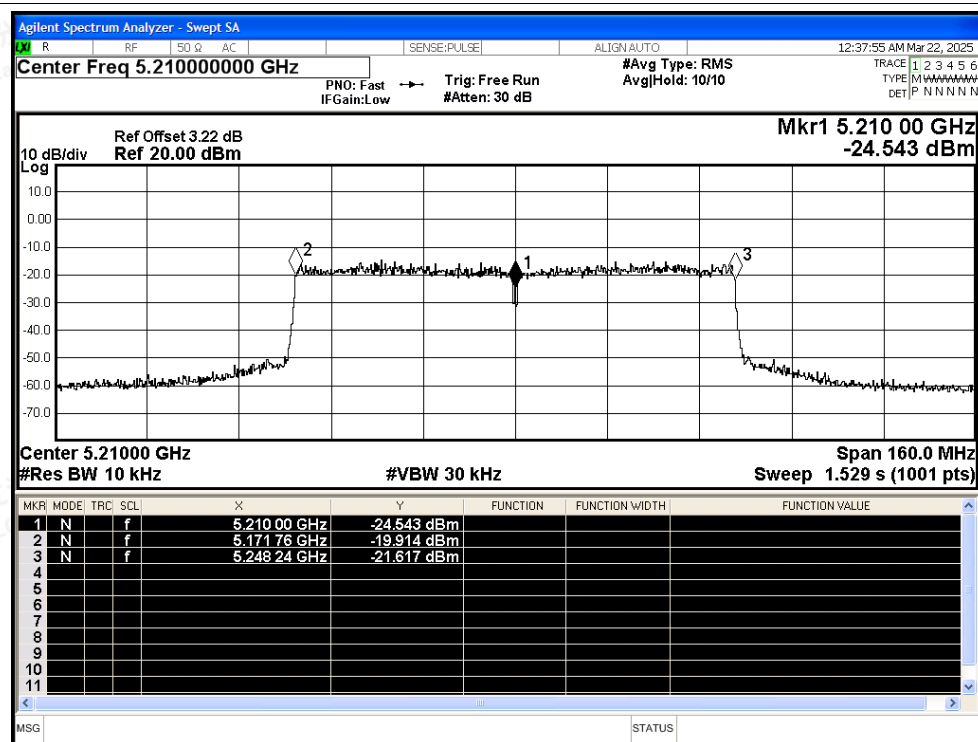
Scan code to check authenticity



Freq. Stability NVNT ac40 5230MHz Ant



Freq. Stability NVNT ac80 5210MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

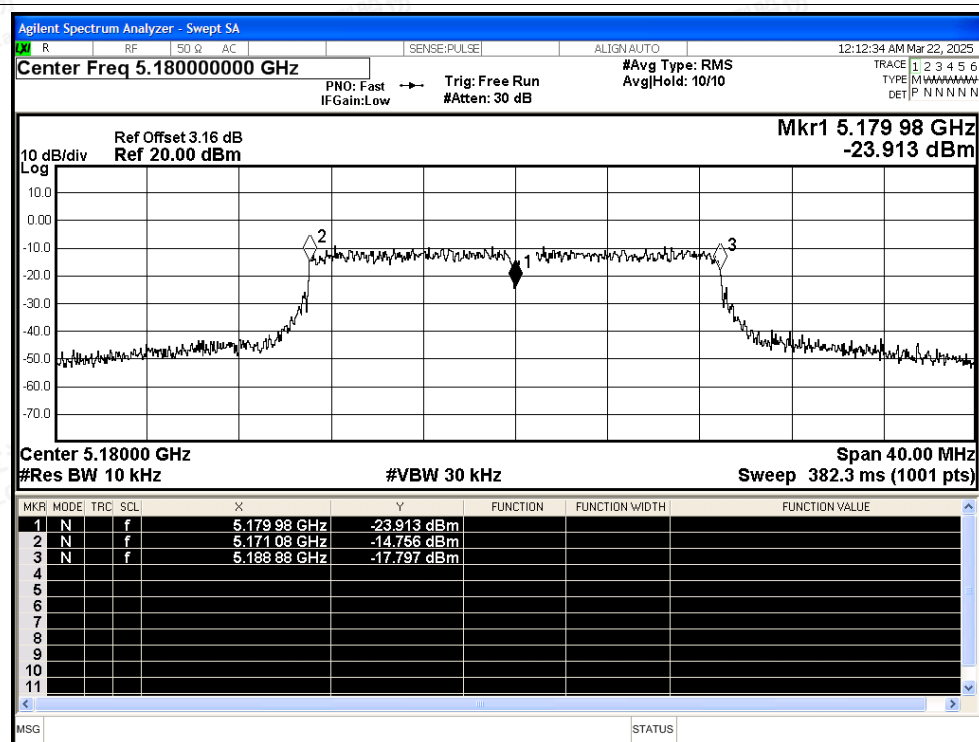
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

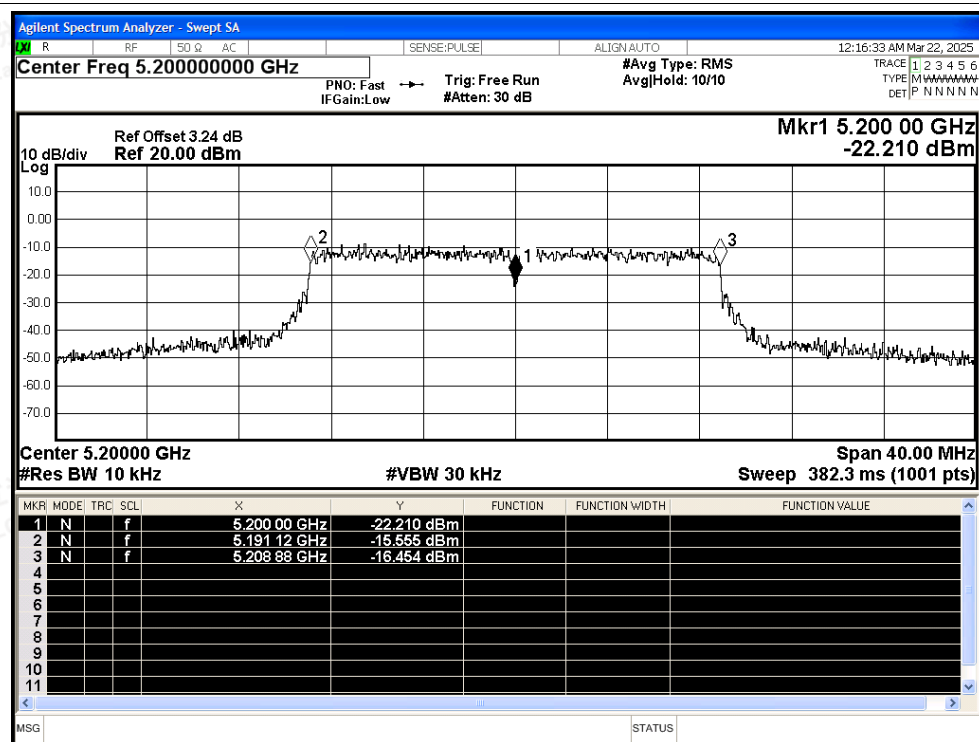
Scan code to check authenticity



Freq. Stability NVNT ax20 5180MHz Ant



Freq. Stability NVNT ax20 5200MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

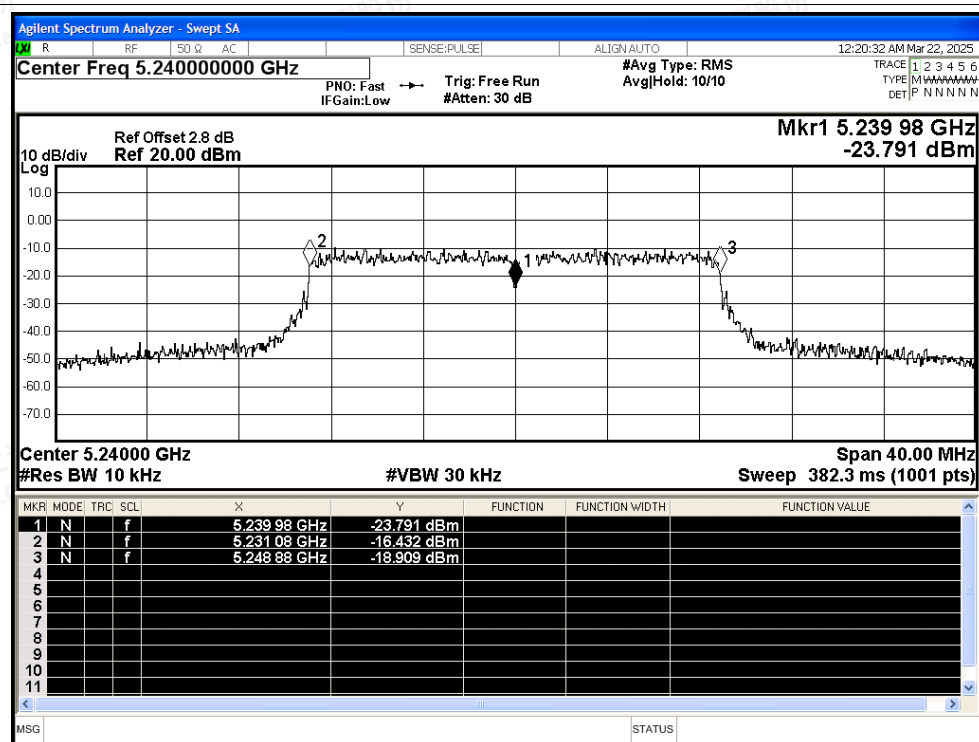
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

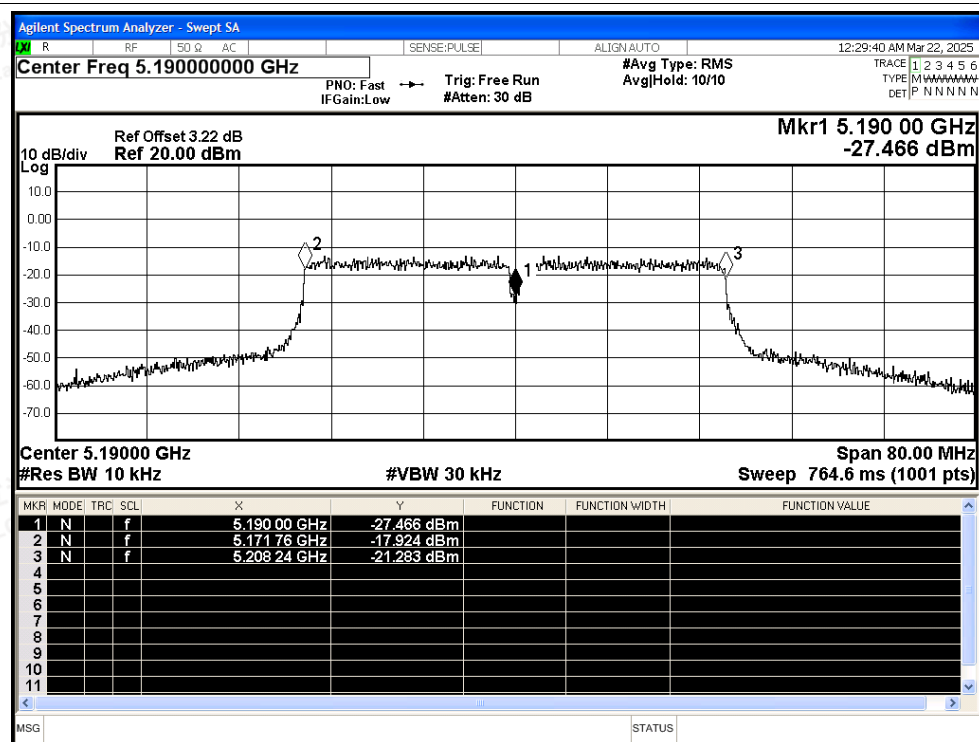
Scan code to check authenticity



Freq. Stability NVNT ax20 5240MHz Ant



Freq. Stability NVNT ax40 5190MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

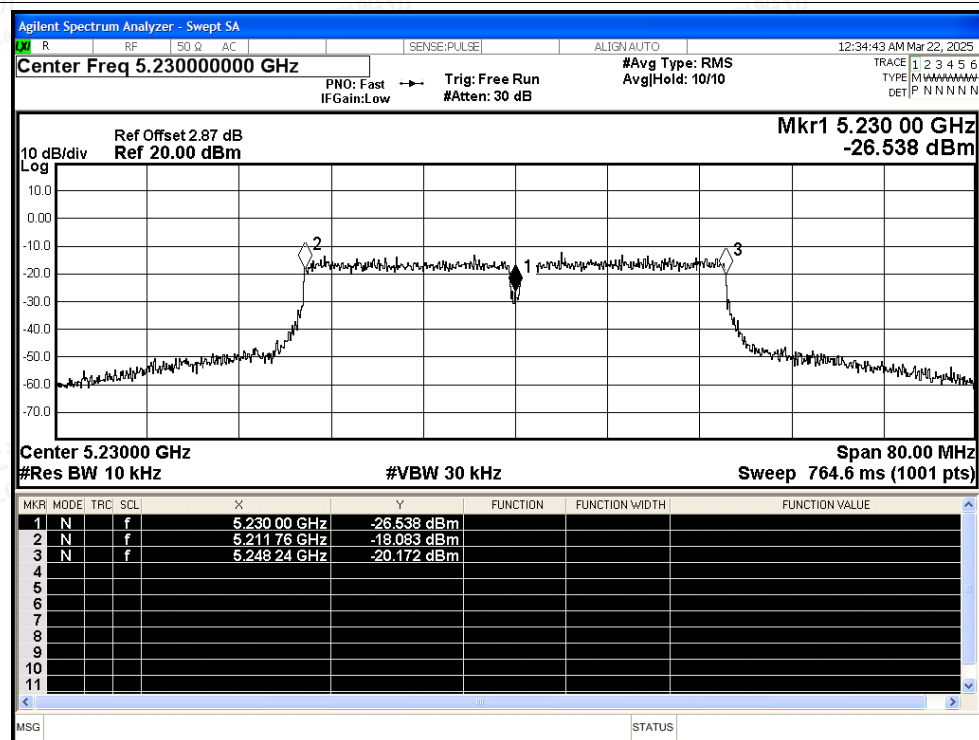
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

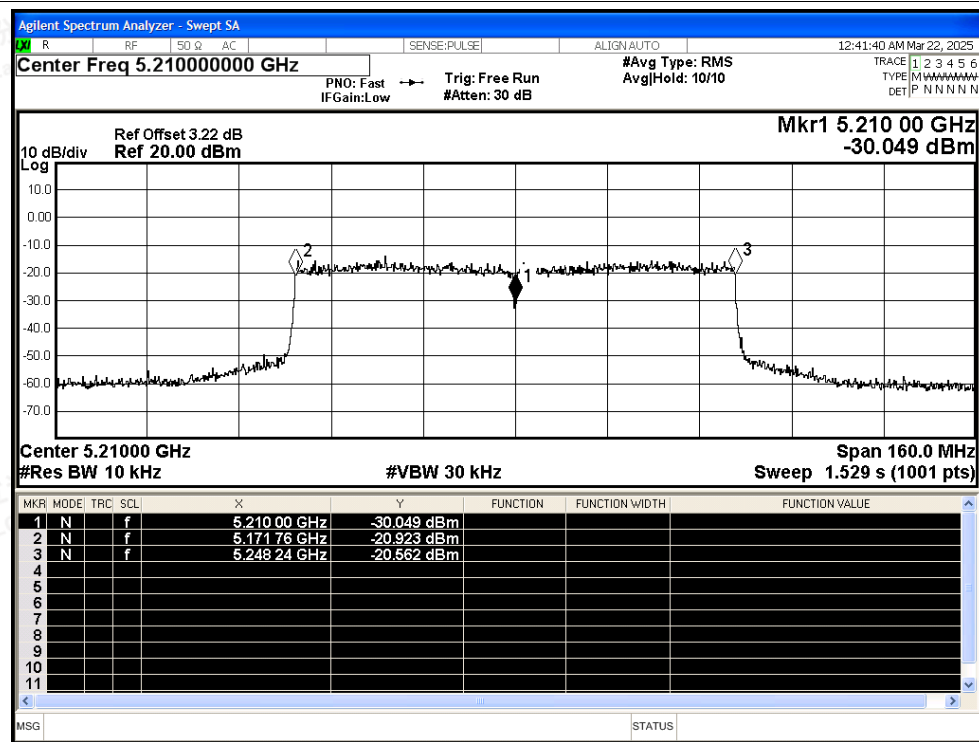
Scan code to check authenticity



Freq. Stability NVNT ax40 5230MHz Ant



Freq. Stability NVNT ax80 5210MHz Ant



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D.6 Duty Cycle

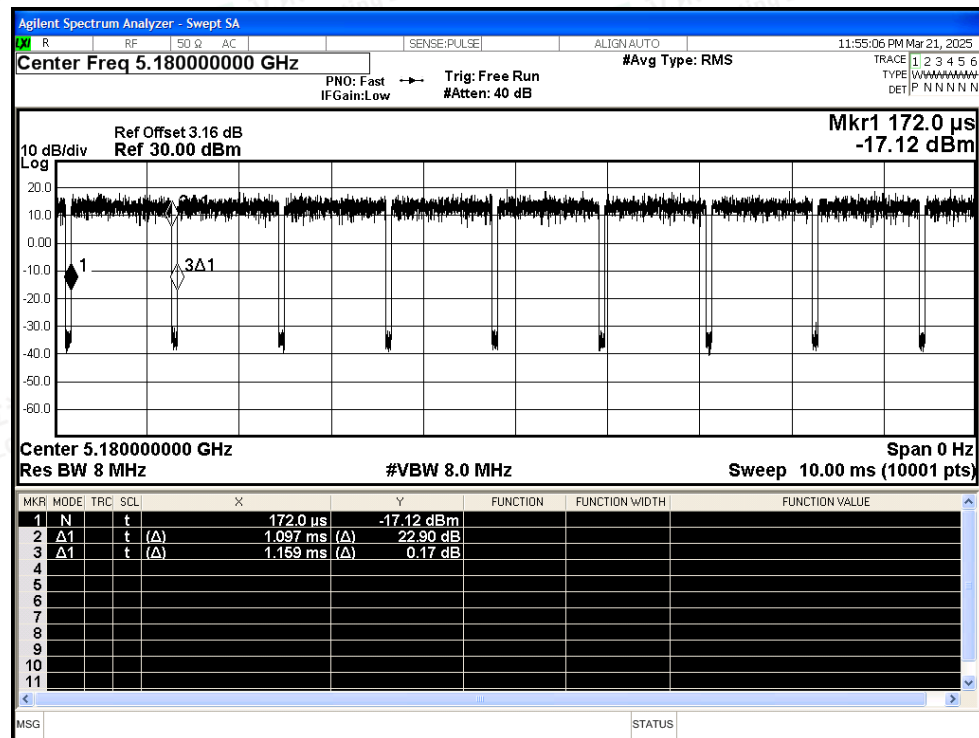
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant	94.65	0.24	0.91
NVNT	a	5200	Ant	94.65	0.24	0.91
NVNT	a	5240	Ant	94.65	0.24	0.91
NVNT	n20	5180	Ant	97.29	0.12	0.44
NVNT	n20	5200	Ant	97.29	0.12	0.44
NVNT	n20	5240	Ant	97.29	0.12	0.44
NVNT	n40	5190	Ant	94.71	0.24	0.9
NVNT	n40	5230	Ant	94.71	0.24	0.9
NVNT	ac20	5180	Ant	97.34	0.12	0.44
NVNT	ac20	5200	Ant	97.34	0.12	0.44
NVNT	ac20	5240	Ant	97.34	0.12	0.44
NVNT	ac40	5190	Ant	94.72	0.24	0.9
NVNT	ac40	5230	Ant	94.72	0.24	0.9
NVNT	ac80	5210	Ant	89.65	0.47	1.86
NVNT	ax20	5180	Ant	97.34	0.12	0.44
NVNT	ax20	5200	Ant	97.34	0.12	0.44
NVNT	ax20	5240	Ant	97.34	0.12	0.44
NVNT	ax40	5190	Ant	94.81	0.23	0.9
NVNT	ax40	5230	Ant	94.72	0.24	0.9
NVNT	ax80	5210	Ant	89.65	0.47	1.86



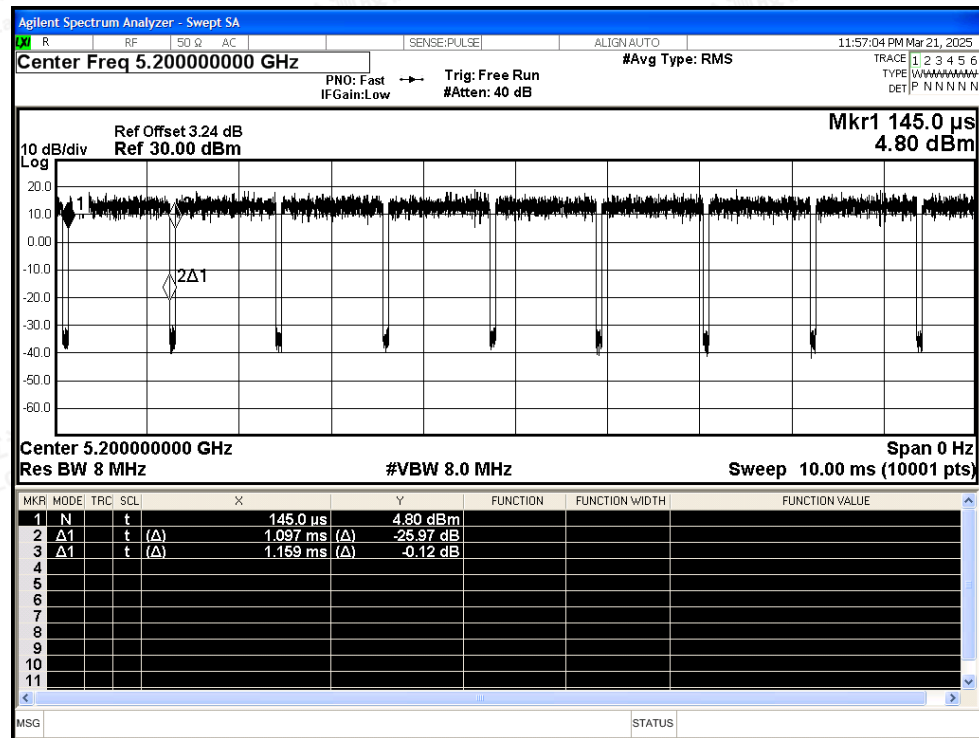


Test Graphs

Duty Cycle NVNT a 5180MHz Ant



Duty Cycle NVNT a 5200MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

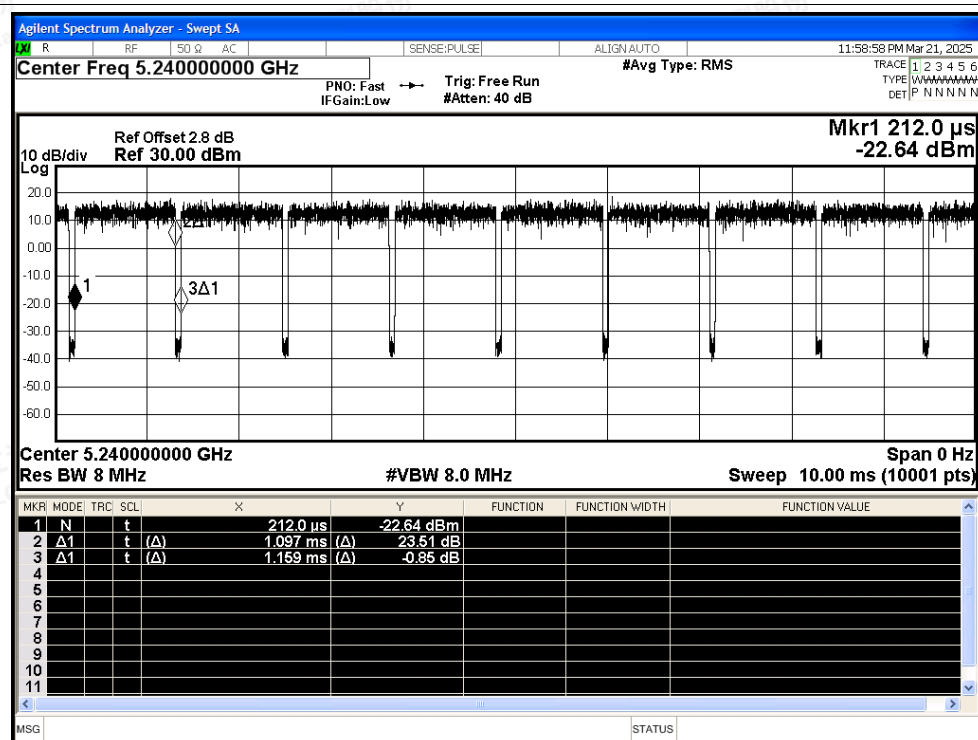
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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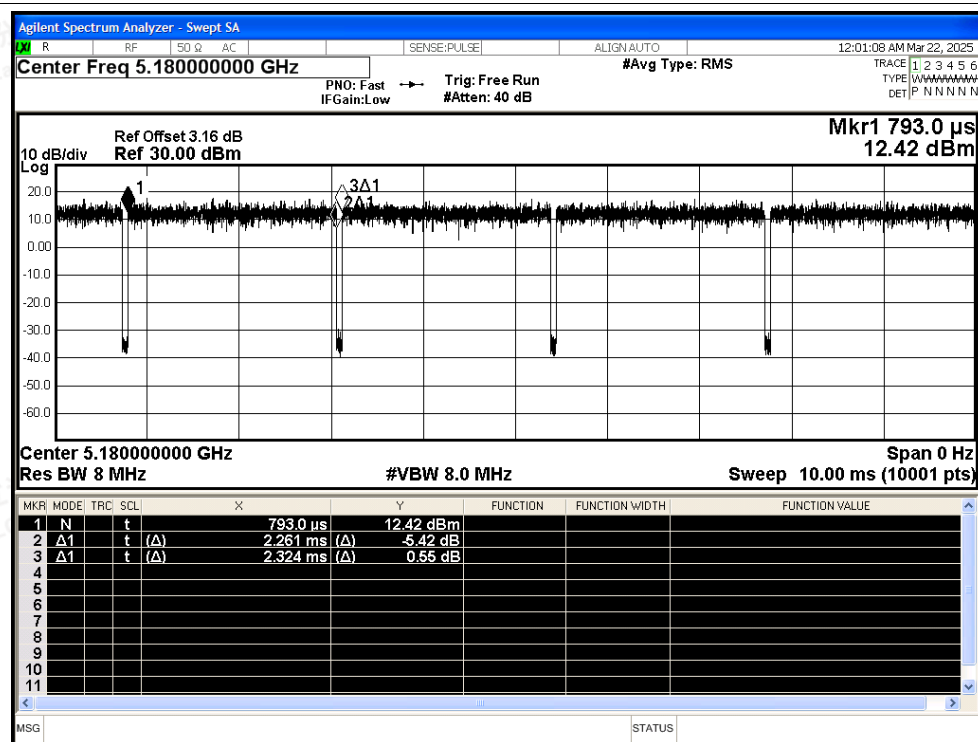
Scan code to check authenticity



Duty Cycle NVNT a 5240MHz Ant



Duty Cycle NVNT n20 5180MHz Ant

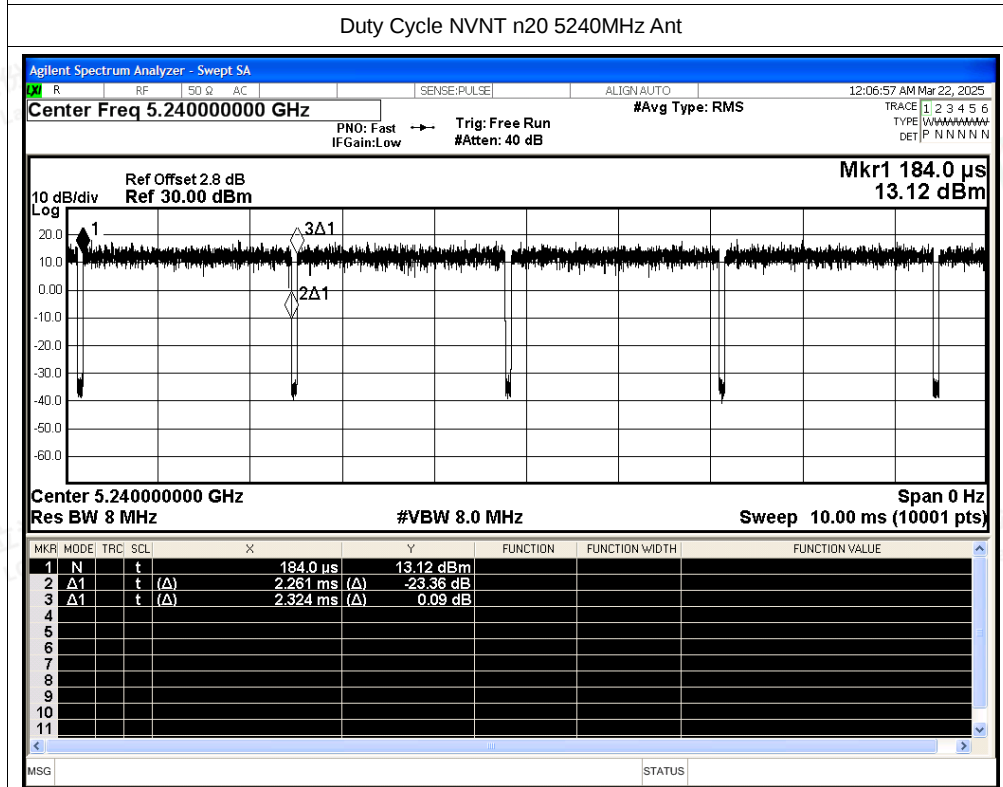
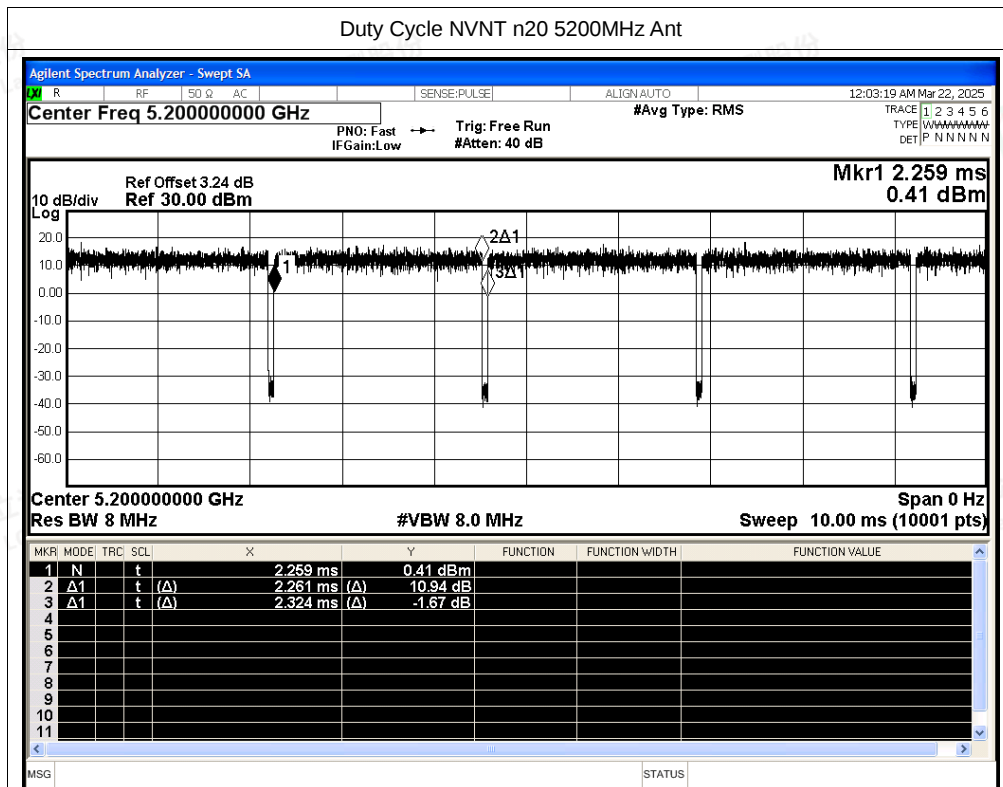


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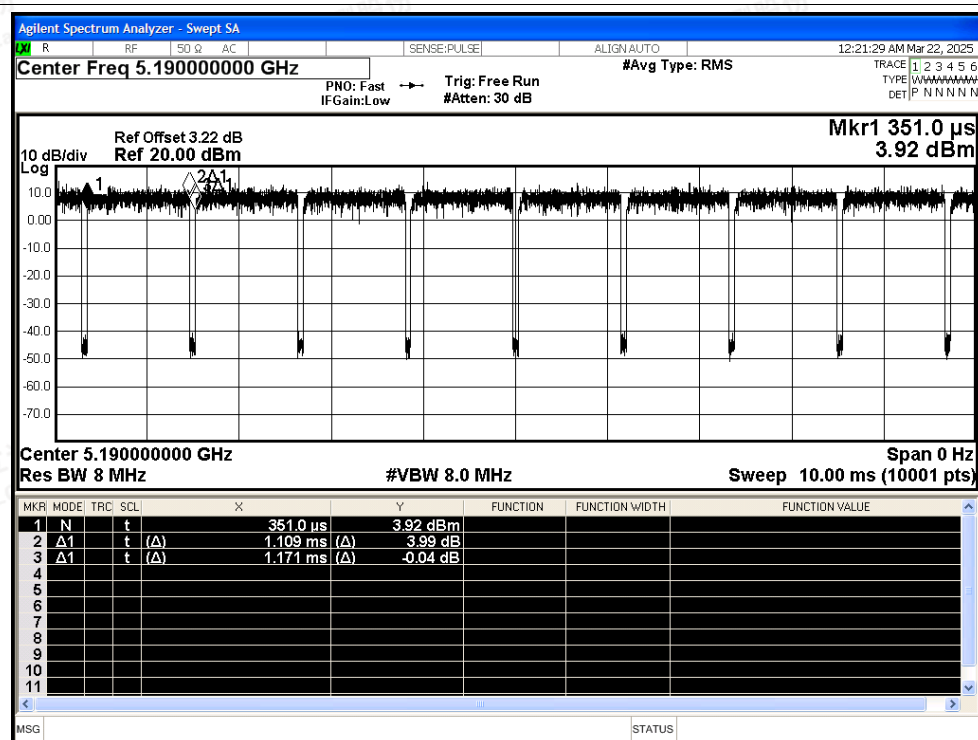
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

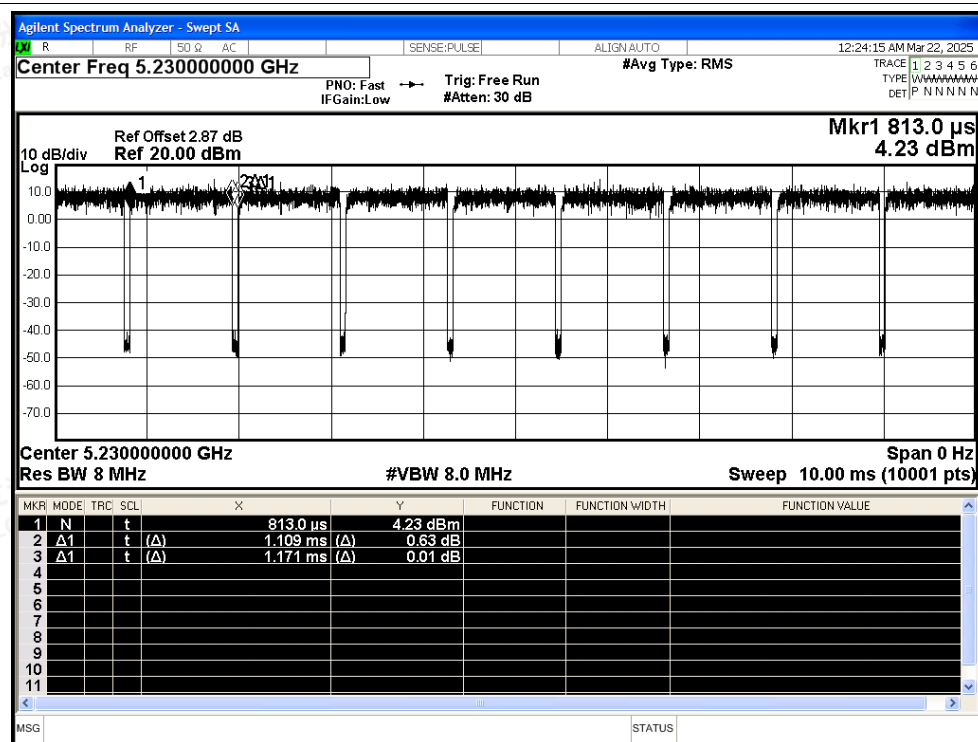
Scan code to check authenticity



Duty Cycle NVNT n40 5190MHz Ant



Duty Cycle NVNT n40 5230MHz Ant

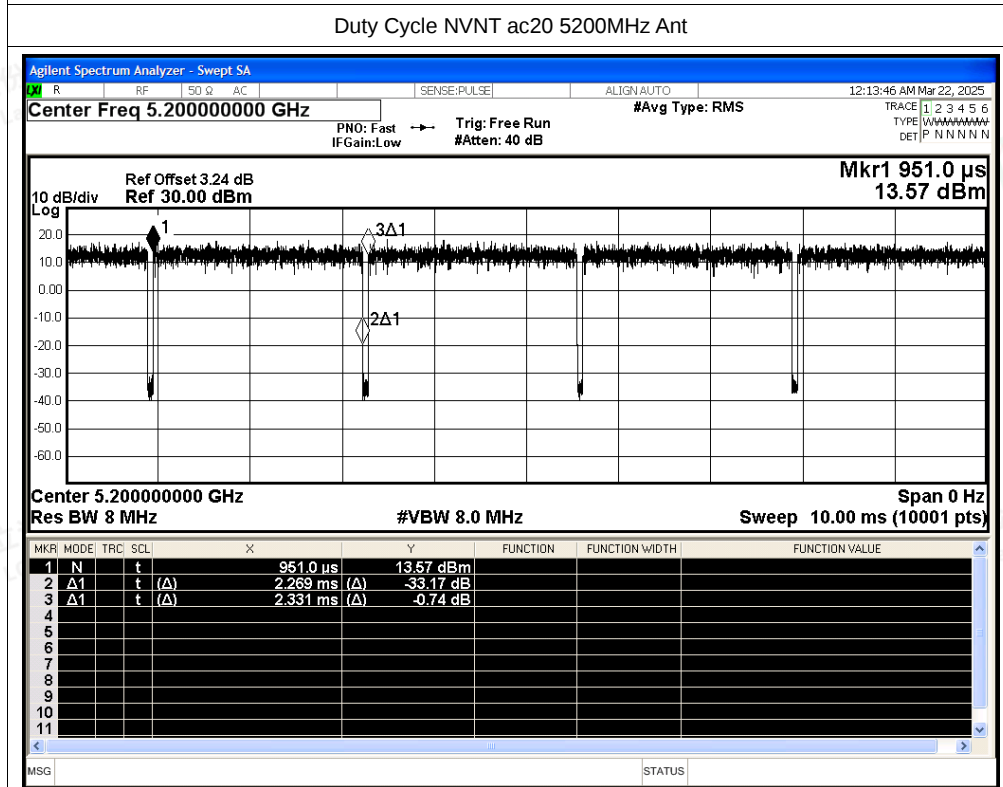
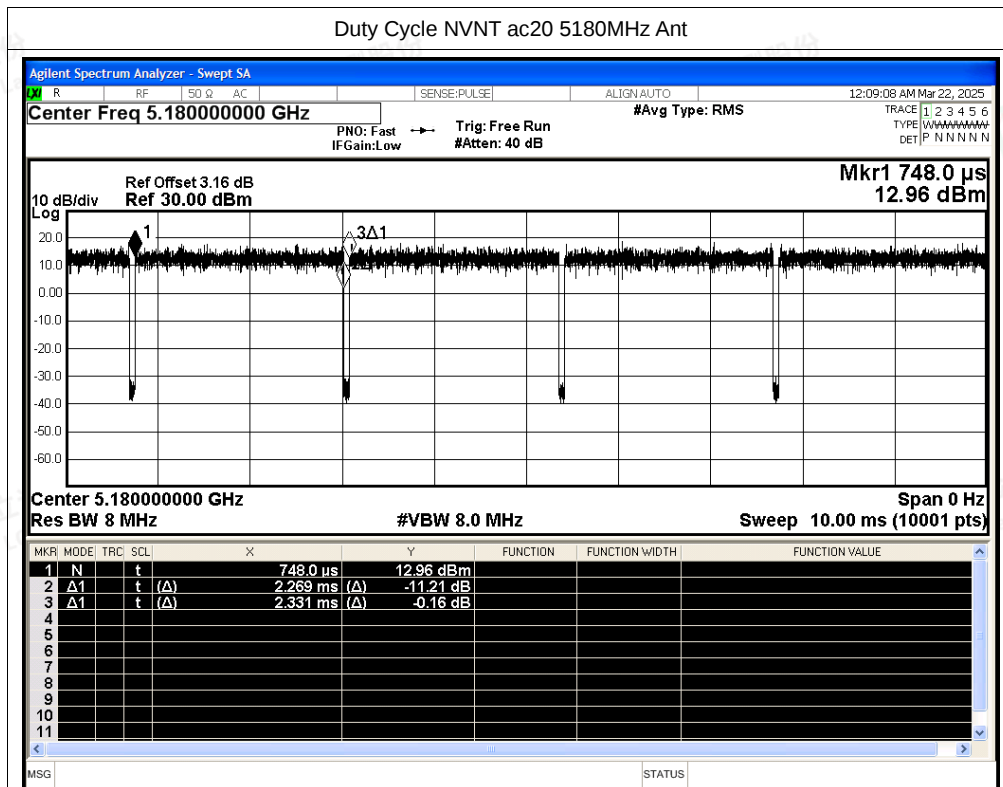


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Shenzhen LCS Compliance Testing Laboratory Ltd.

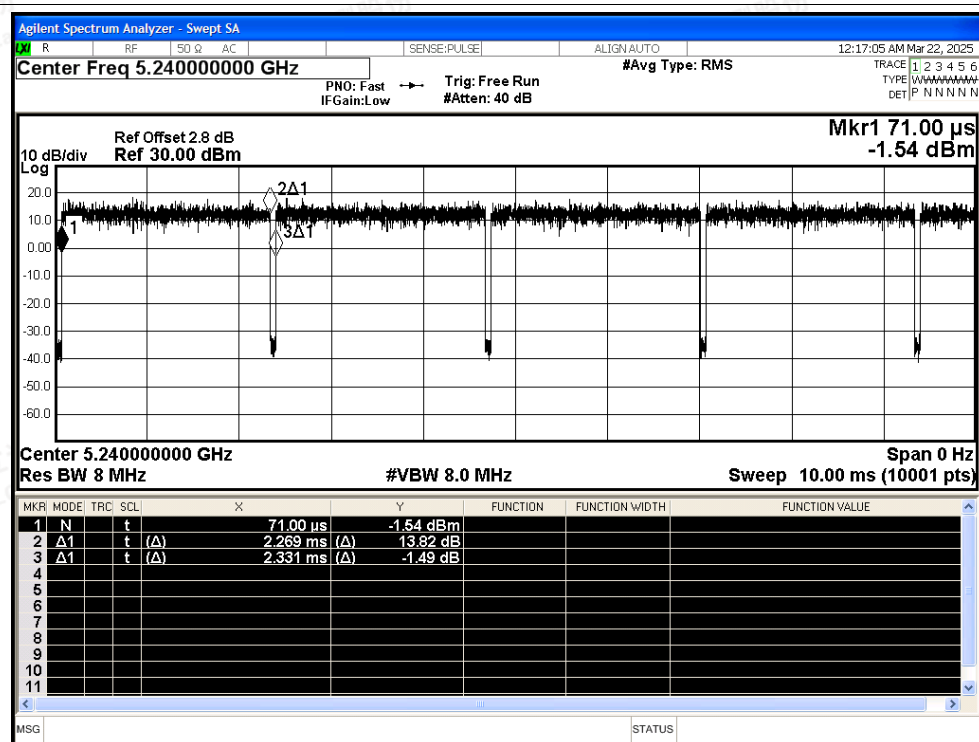
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

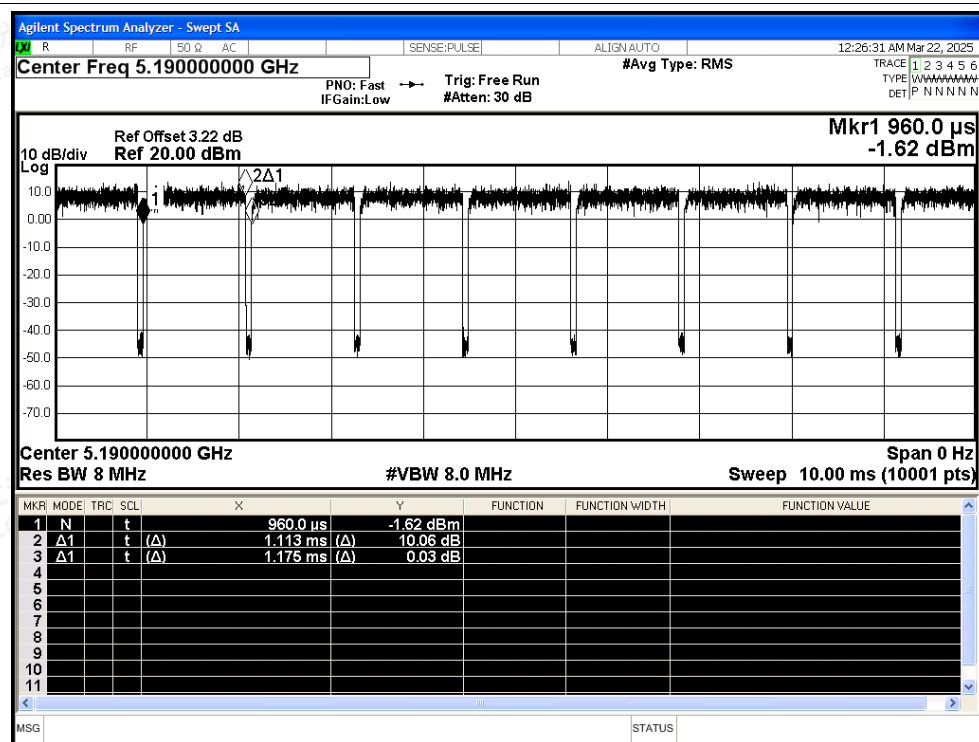
Scan code to check authenticity



Duty Cycle NVNT ac20 5240MHz Ant



Duty Cycle NVNT ac40 5190MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

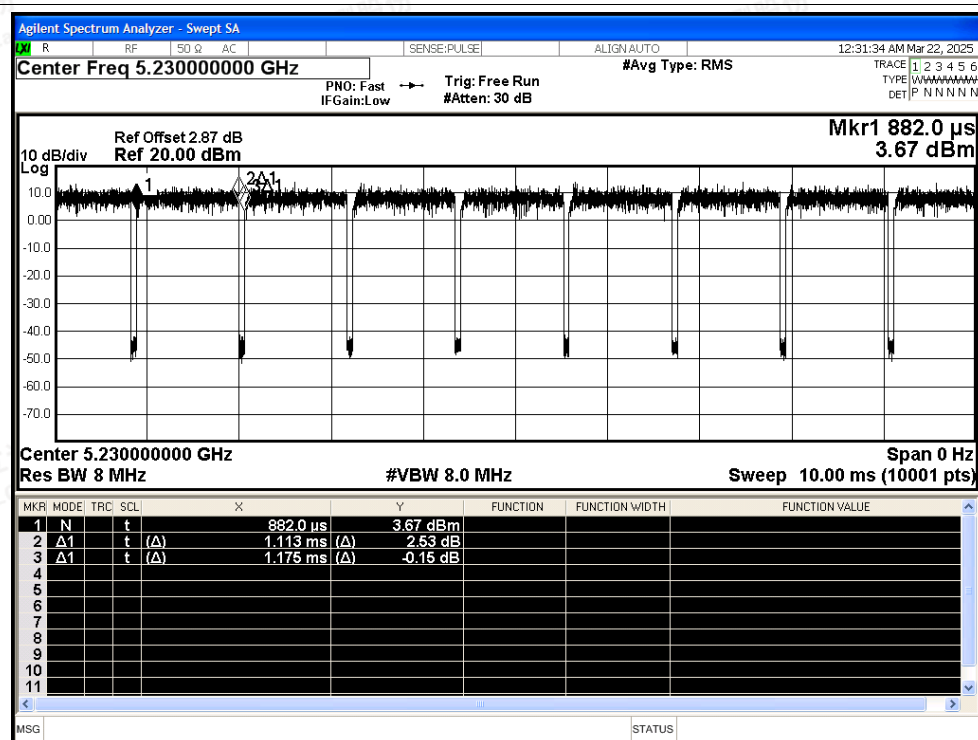
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

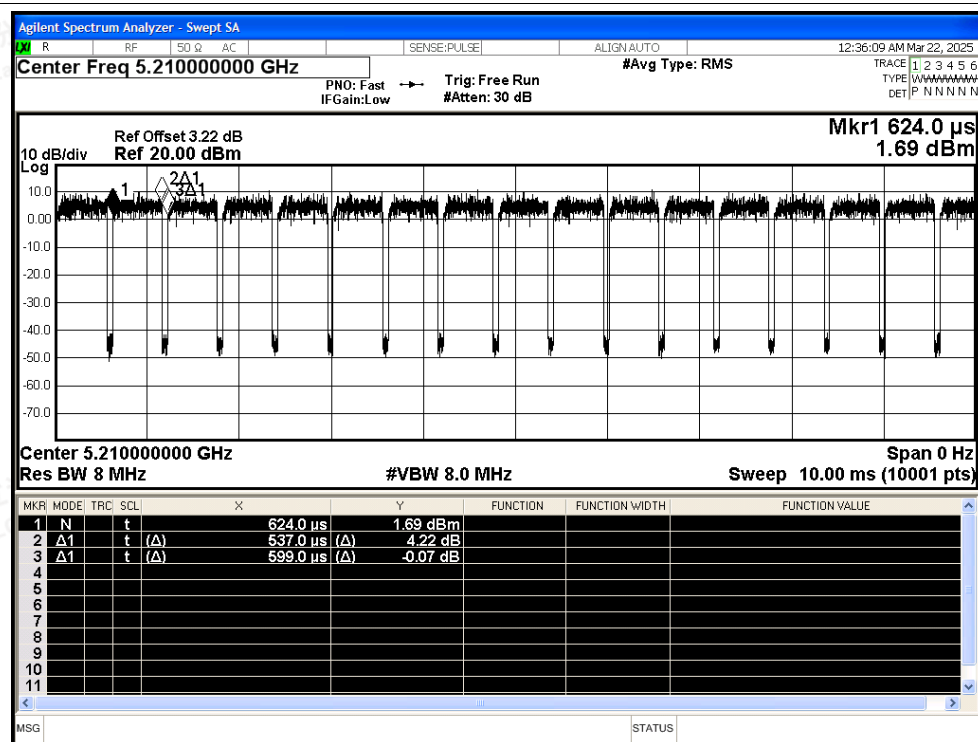
Scan code to check authenticity



Duty Cycle NVNT ac40 5230MHz Ant



Duty Cycle NVNT ac80 5210MHz Ant

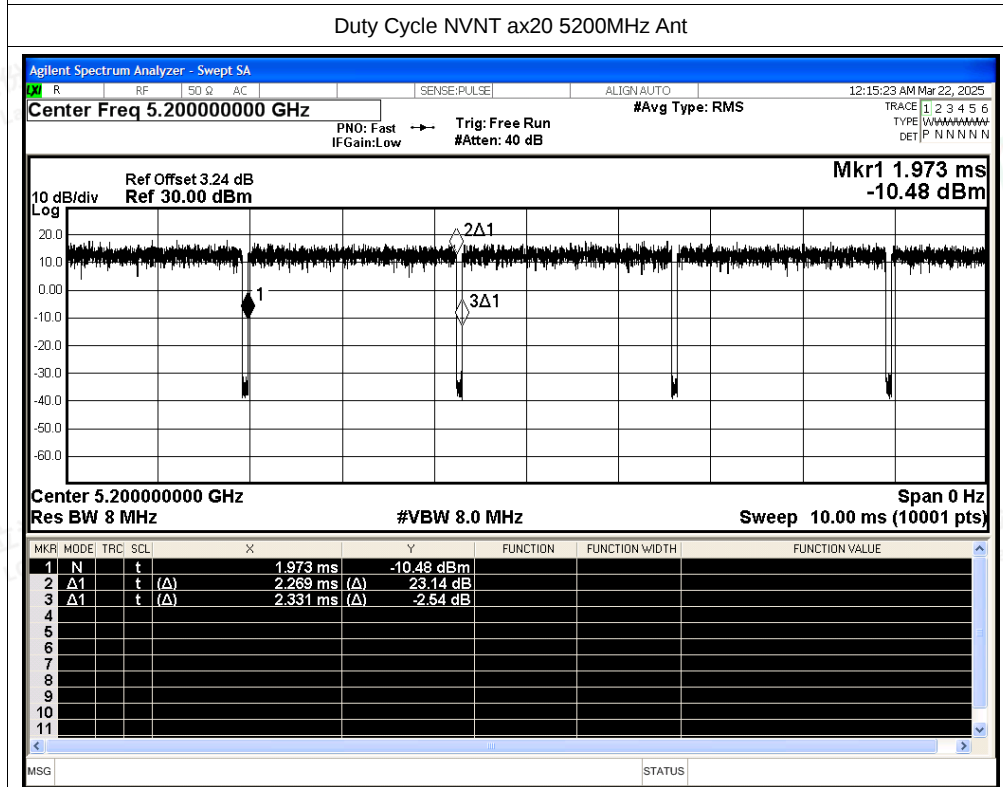
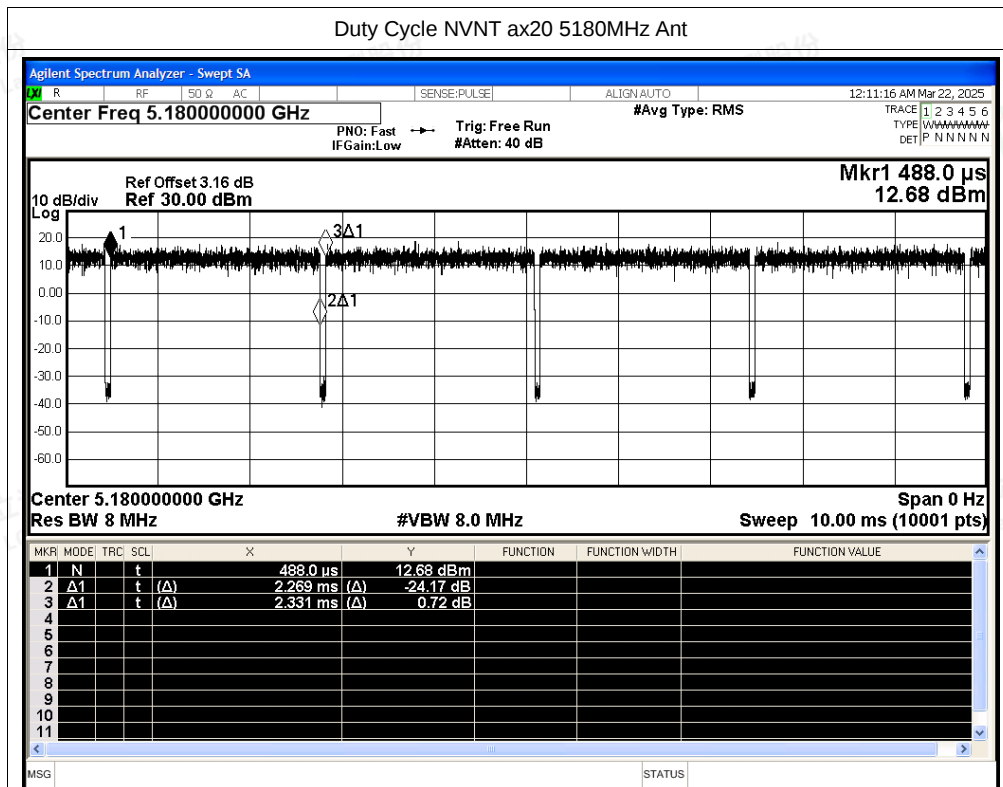


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Scan code to check authenticity

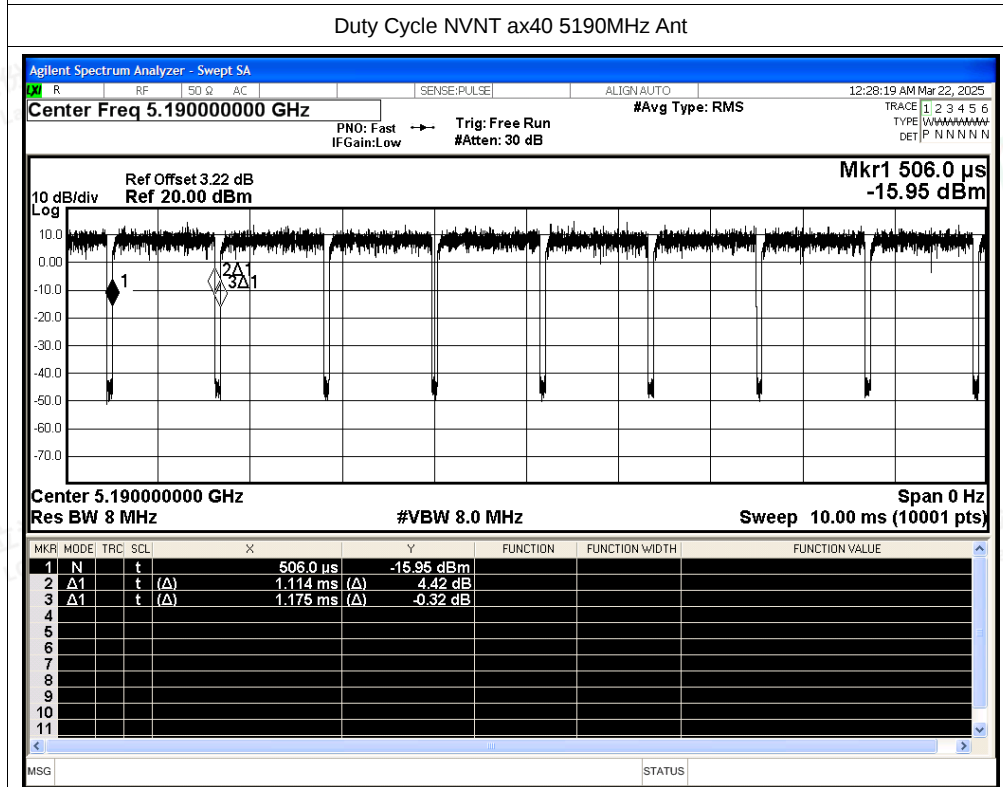
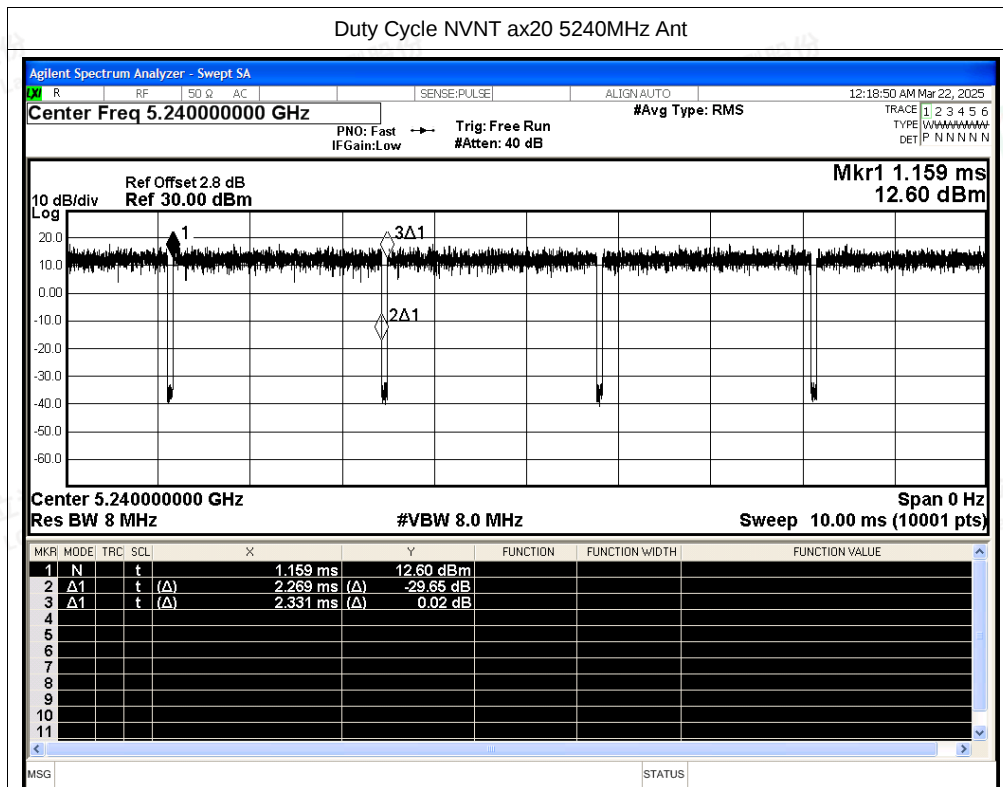


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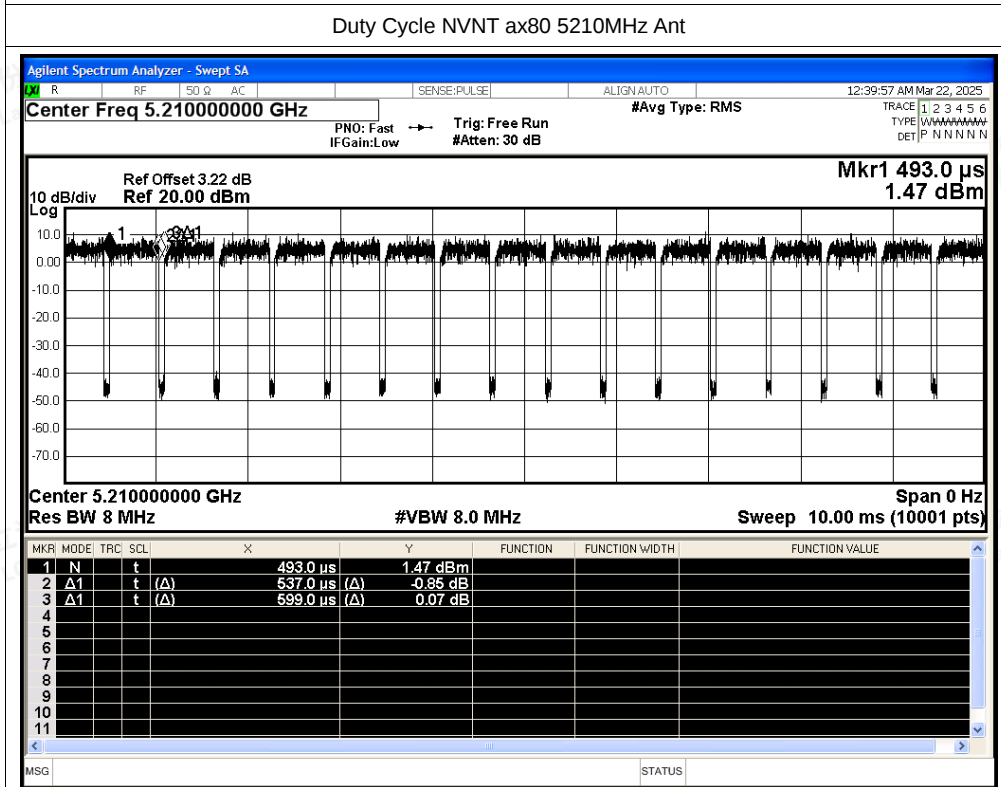
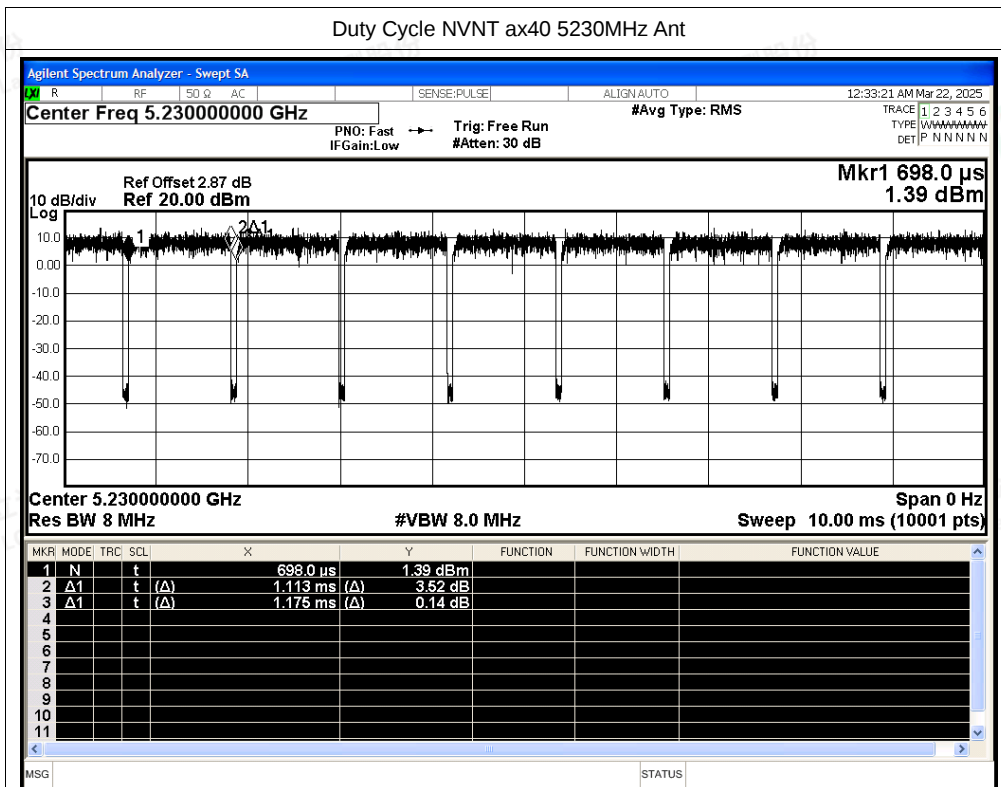


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