



Appendix D

RF Test Data for 5.2G WIFI (Conducted Measurement)

Product Name: Nexi-7

Test Model: Nexi-7

Environmental Conditions

Temperature:	23.8 ° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Joker Hu
Supervised by:	Jack Cheng



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D.1 Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	25.200	5166.720	5191.920	---	---
		5220	25.560	5205.520	5231.080	---	---
		5240	24.840	5228.880	5253.720	---	---
11N20SISO	Ant1	5180	26.360	5166.920	5193.280	---	---
		5220	26.600	5206.000	5232.600	---	---
		5240	22.680	5228.840	5251.520	---	---
11N40SISO	Ant1	5190	41.680	5170.240	5211.920	---	---
		5230	39.440	5210.160	5249.600	---	---
11AC20SISO	Ant1	5180	26.080	5167.600	5193.680	---	---
		5220	26.560	5206.440	5233.000	---	---
		5240	25.360	5228.440	5253.800	---	---
11AC40SISO	Ant1	5190	39.520	5170.160	5209.680	---	---
		5230	39.520	5210.240	5249.760	---	---
11AC80SISO	Ant1	5210	83.520	5167.760	5251.280	---	---



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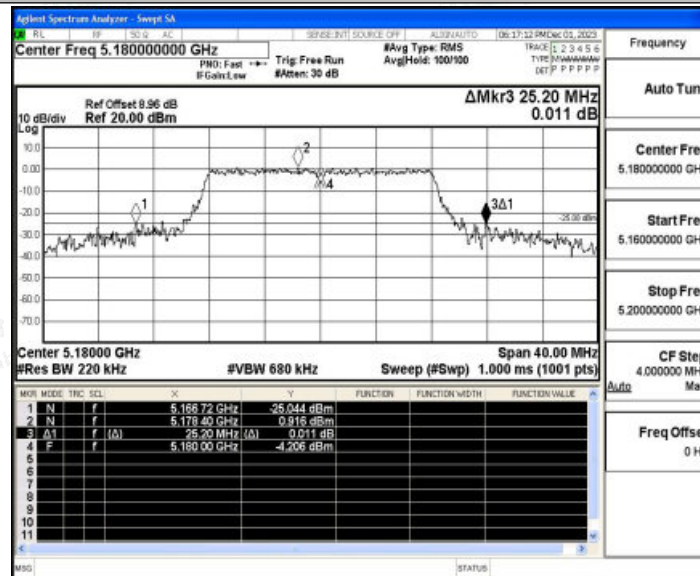
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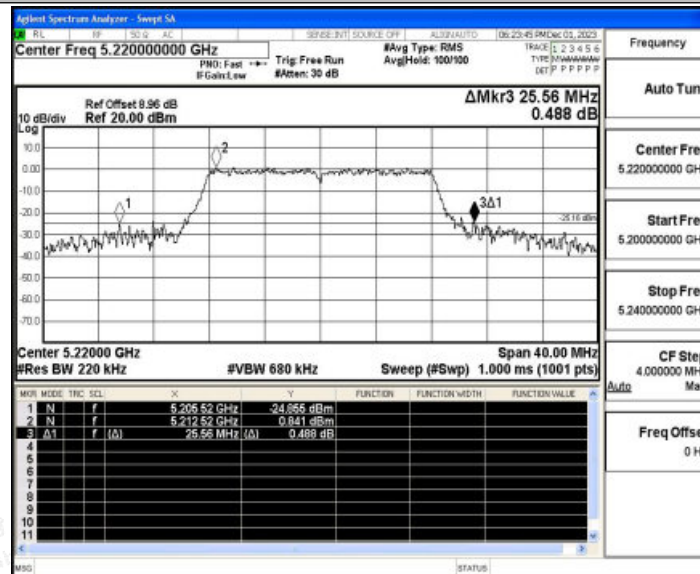


Test Graphs

11A_Ant1_5180



11A_Ant1_5220



11A_Ant1_5240

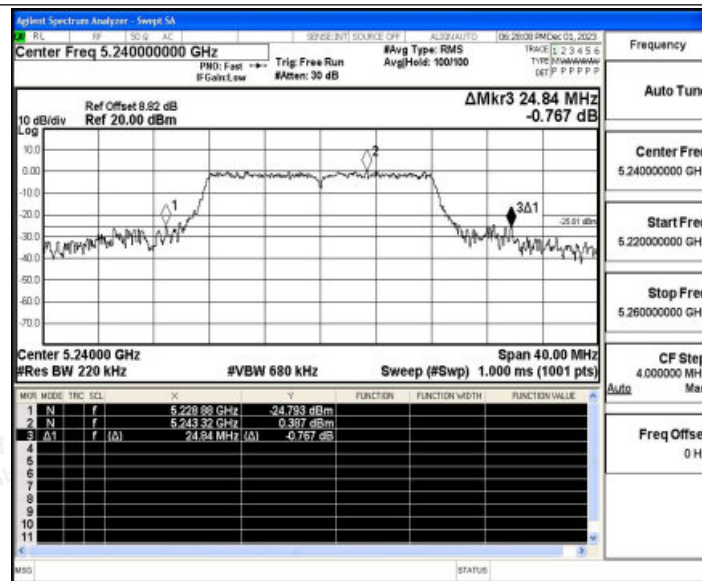


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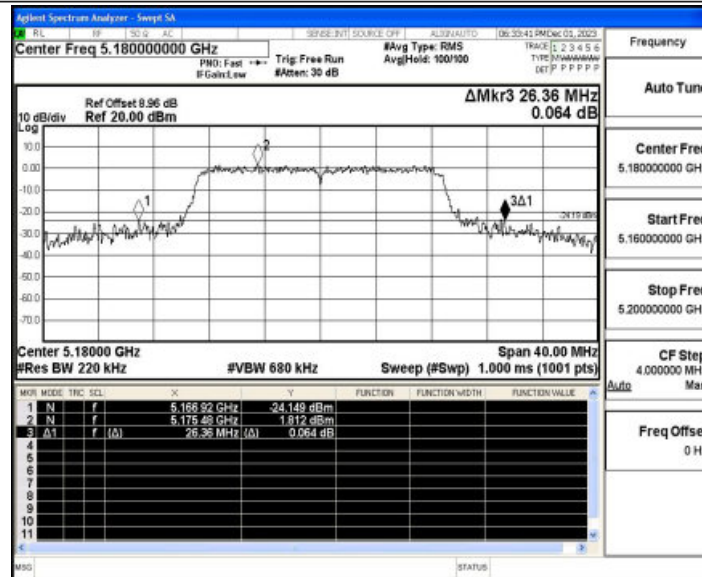
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11N20SISO_Ant1_5180



11N20SISO_Ant1_5220

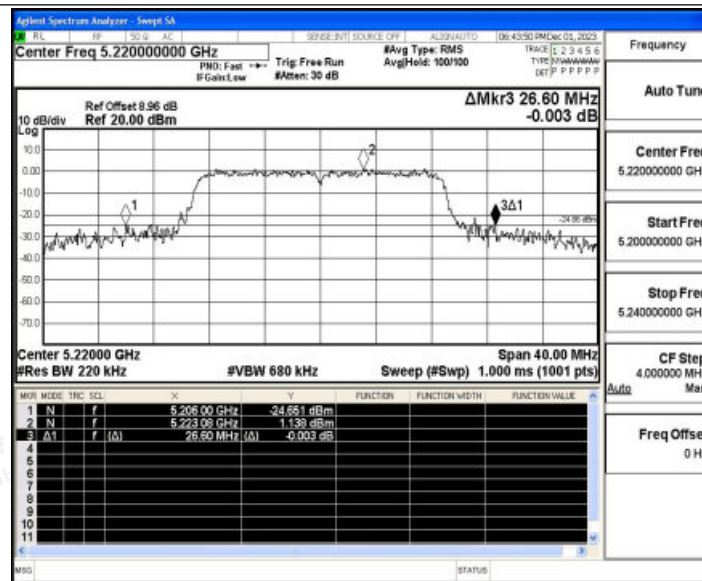


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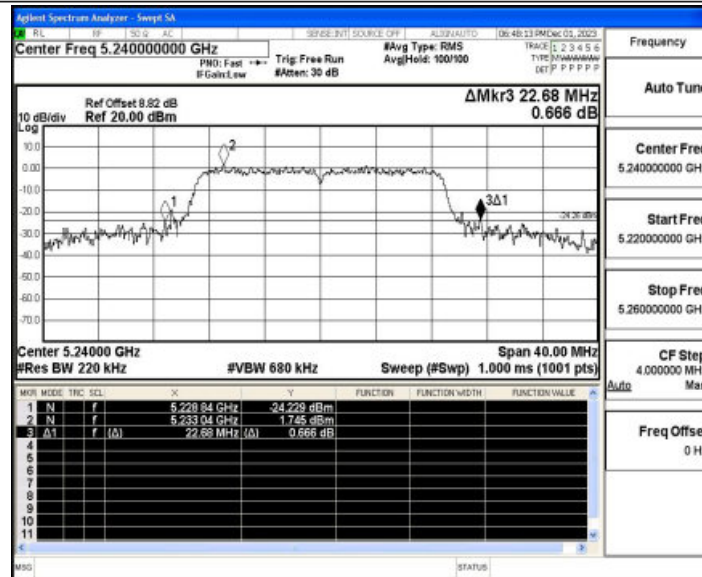
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11N20SISO_Ant1_5240



11N40SISO_Ant1_5190

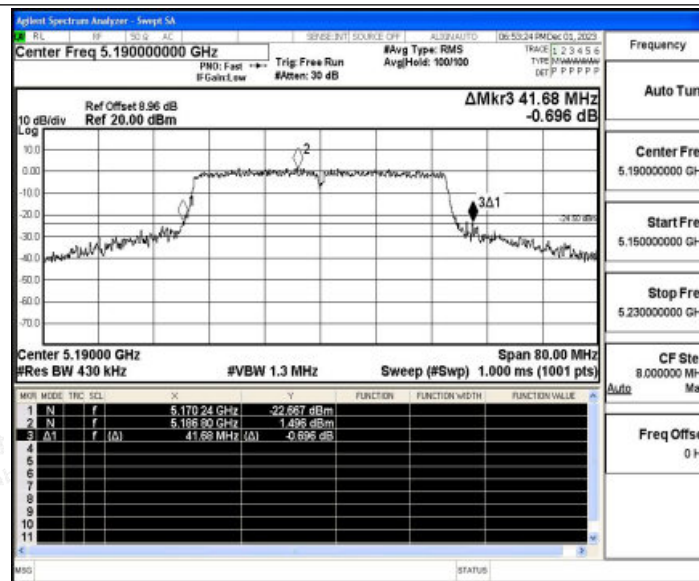


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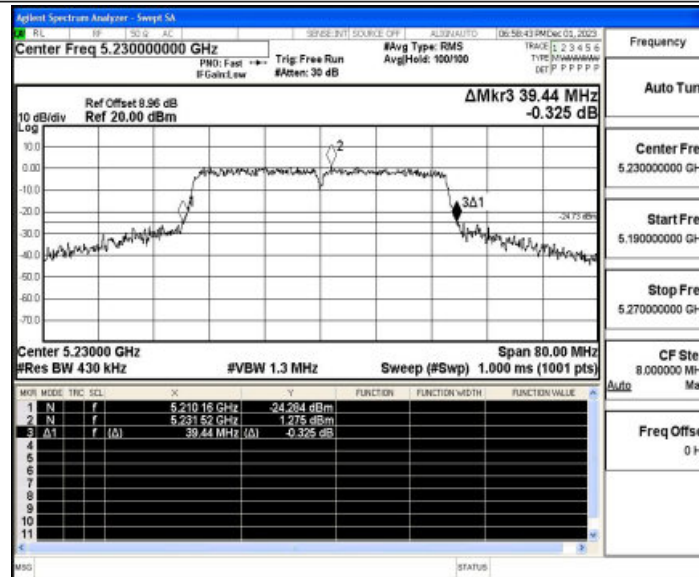
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11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180

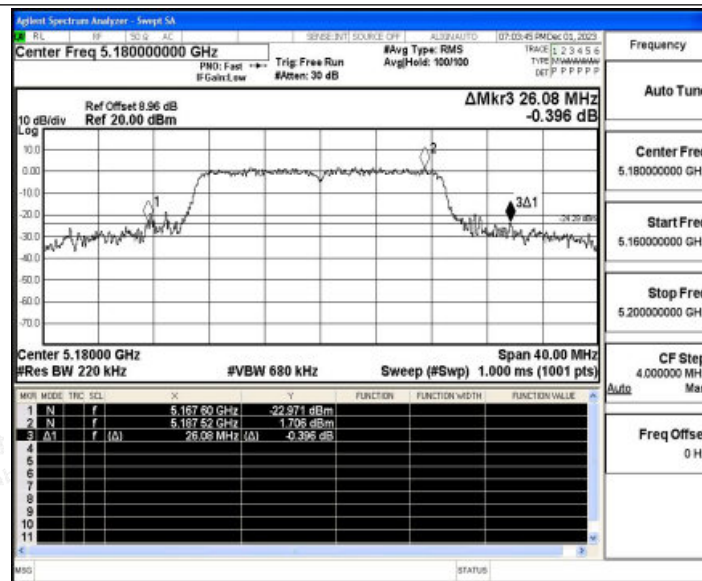


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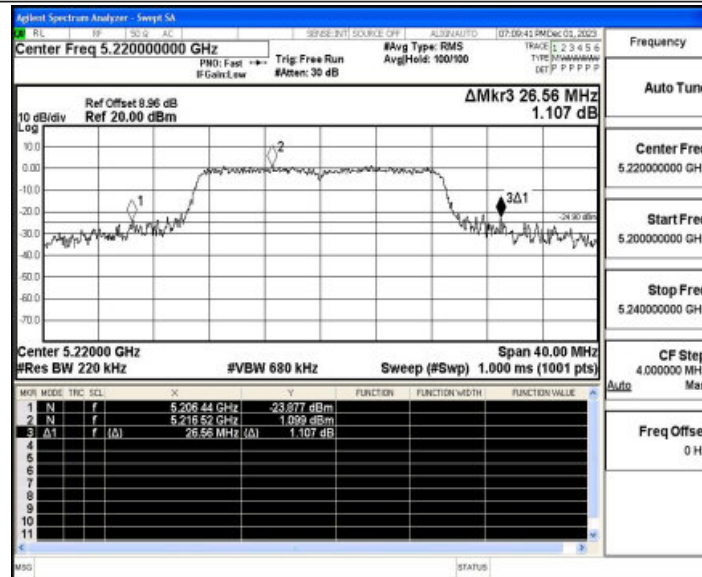
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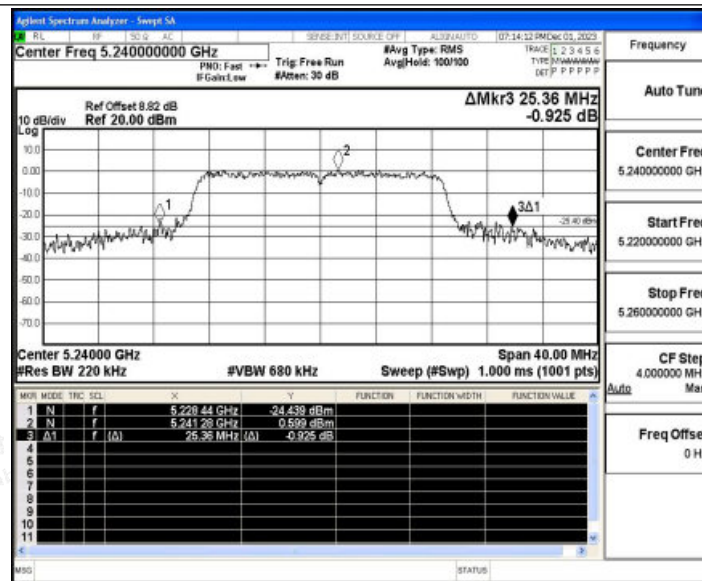


11AC20SISO_Ant1_5220

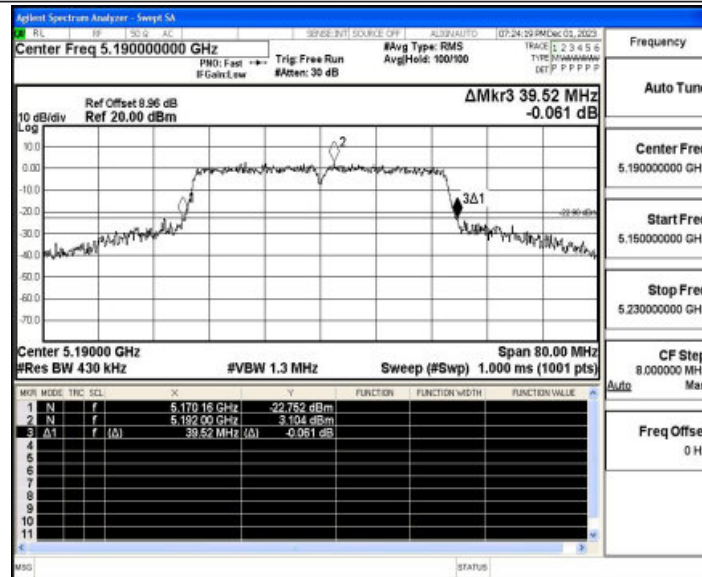


11AC20SISO_Ant1_5240





11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230

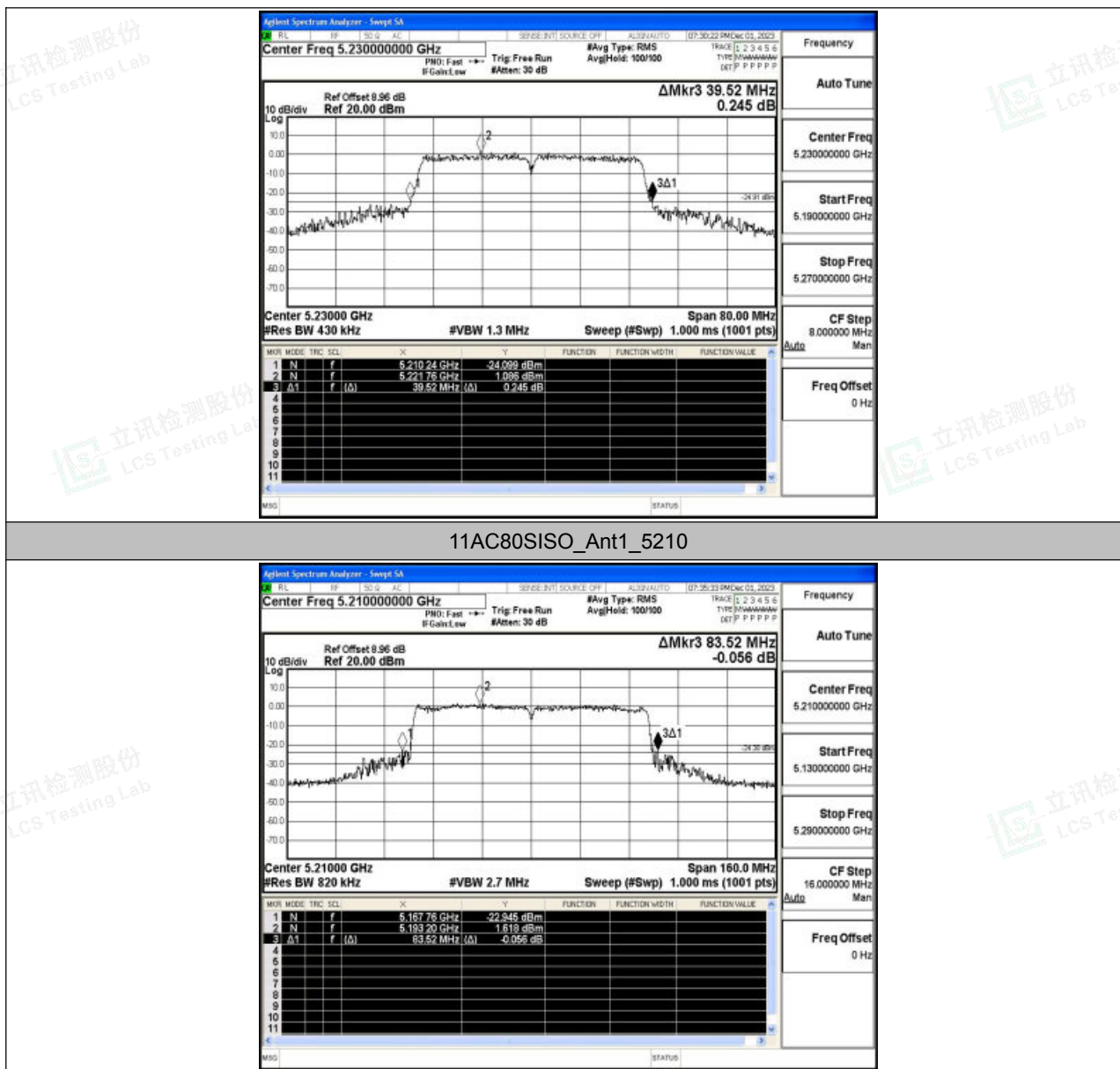


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D.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	12.5	24	Pass
NVNT	a	5200	Ant1	12.19	24	Pass
NVNT	a	5240	Ant1	11.84	24	Pass
NVNT	n20	5180	Ant1	11.82	24	Pass
NVNT	n20	5200	Ant1	12.51	24	Pass
NVNT	n20	5240	Ant1	12.16	24	Pass
NVNT	n40	5190	Ant1	11.28	24	Pass
NVNT	n40	5230	Ant1	11.1	24	Pass
NVNT	ac20	5180	Ant1	12.66	24	Pass
NVNT	ac20	5200	Ant1	12.35	24	Pass
NVNT	ac20	5240	Ant1	12.09	24	Pass
NVNT	ac40	5190	Ant1	11.33	24	Pass
NVNT	ac40	5230	Ant1	11.14	24	Pass
NVNT	ac80	5210	Ant1	10.13	24	Pass



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D.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	2.97	11	Pass
NVNT	a	5200	Ant1	2.93	11	Pass
NVNT	a	5240	Ant1	2.3	11	Pass
NVNT	n20	5180	Ant1	1.87	11	Pass
NVNT	n20	5200	Ant1	2.39	11	Pass
NVNT	n20	5240	Ant1	2.32	11	Pass
NVNT	n40	5190	Ant1	-1.36	11	Pass
NVNT	n40	5230	Ant1	-1.45	11	Pass
NVNT	ac20	5180	Ant1	2.85	11	Pass
NVNT	ac20	5200	Ant1	2.31	11	Pass
NVNT	ac20	5240	Ant1	2.11	11	Pass
NVNT	ac40	5190	Ant1	-1.39	11	Pass
NVNT	ac40	5230	Ant1	-1.36	11	Pass
NVNT	ac80	5210	Ant1	-4.87	11	Pass



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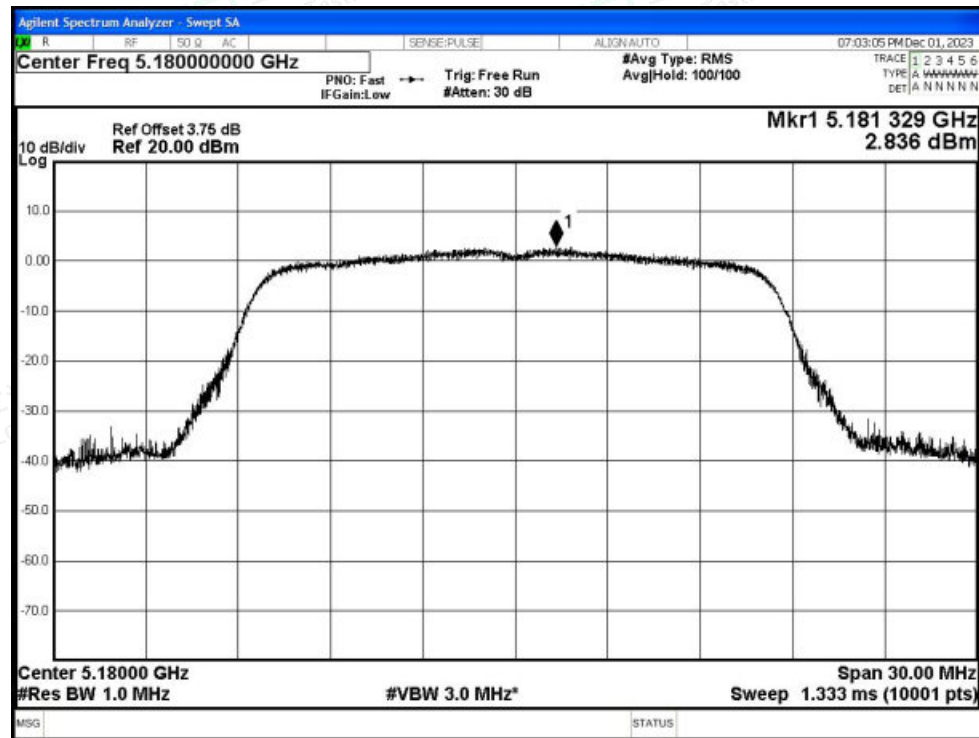
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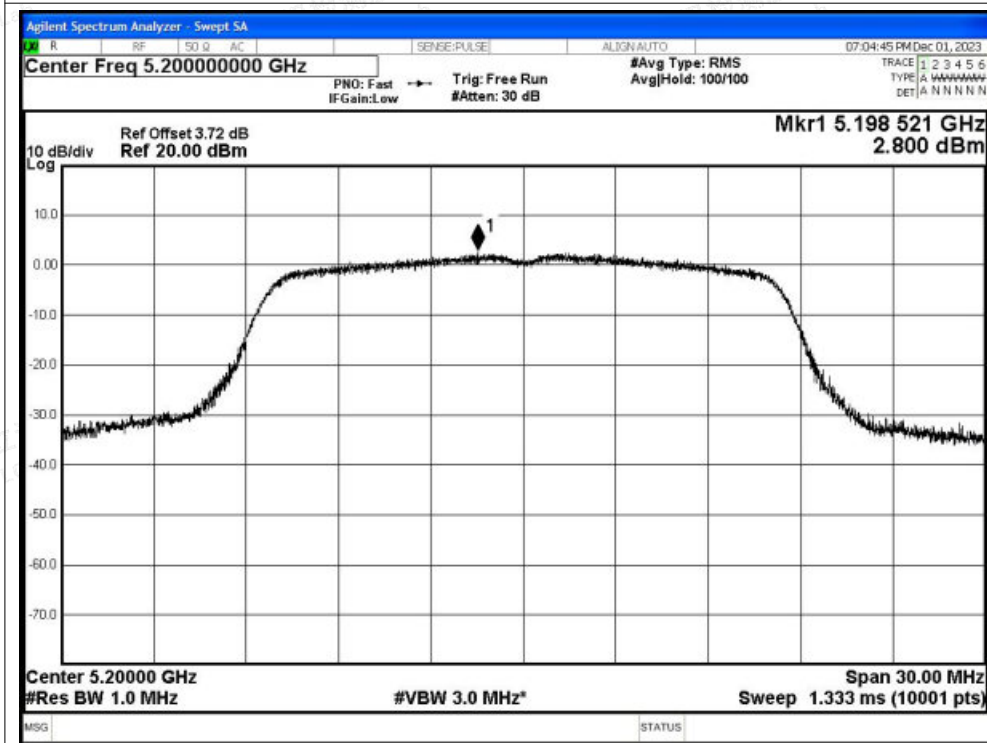


Test Graphs

PSD NVNT a 5180MHz Ant1



PSD NVNT a 5200MHz Ant1



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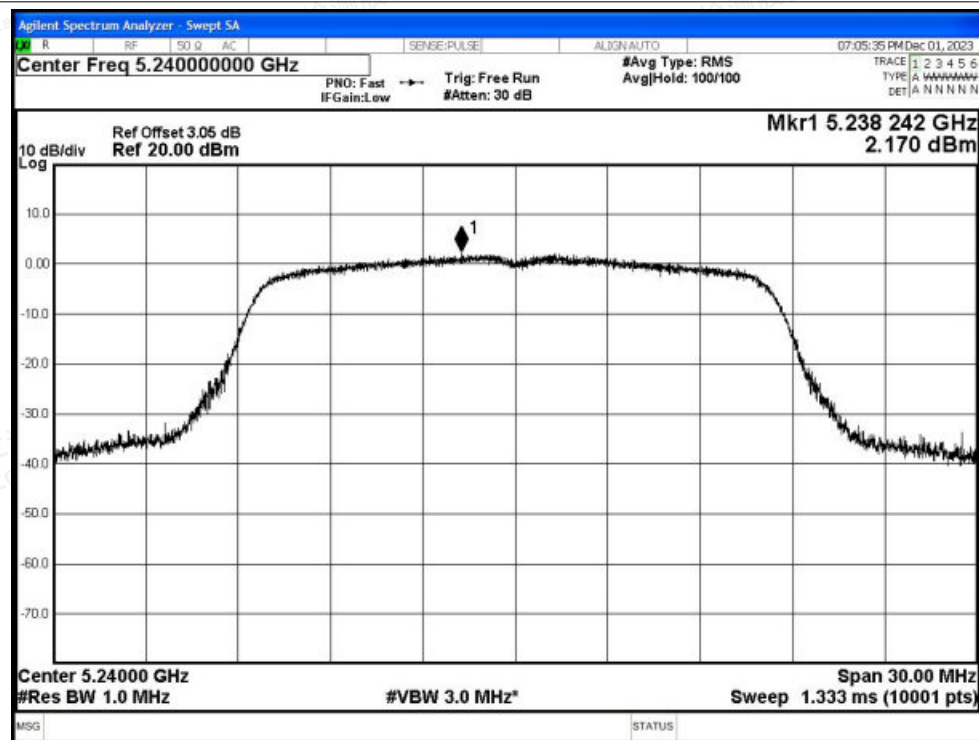
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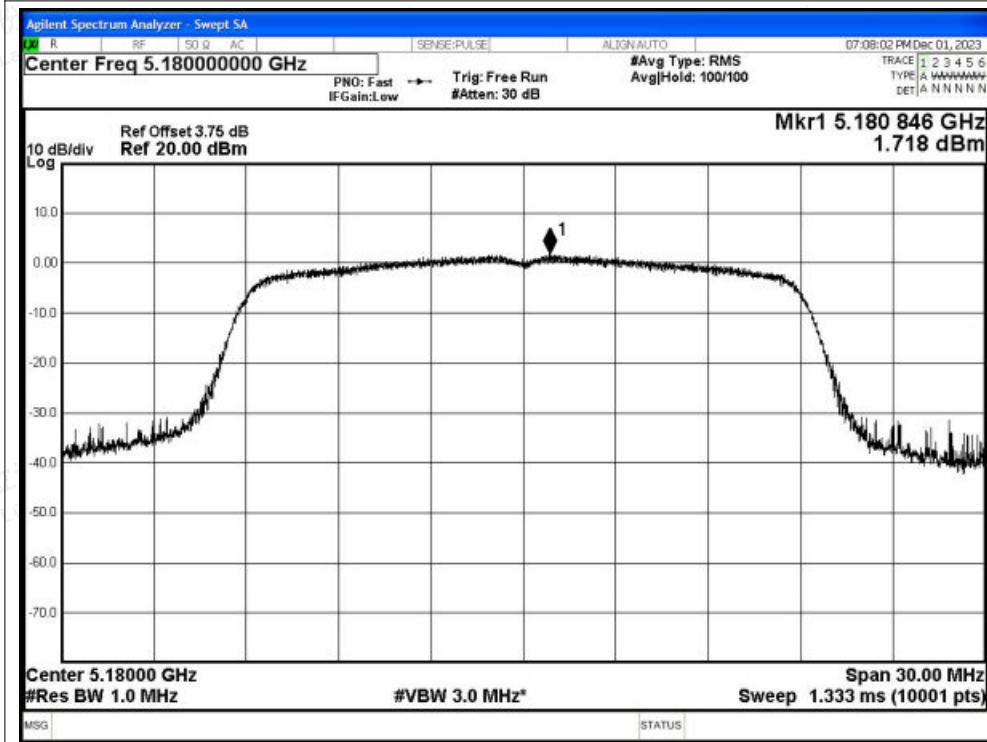
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PSD NVNT a 5240MHz Ant1



PSD NVNT n20 5180MHz Ant1



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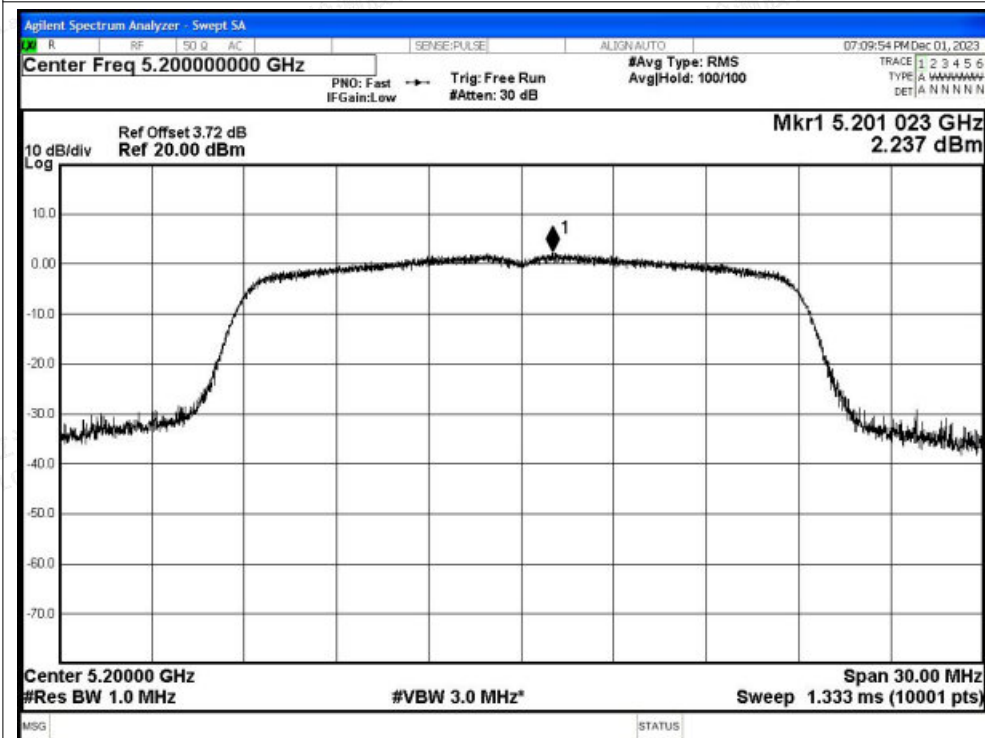
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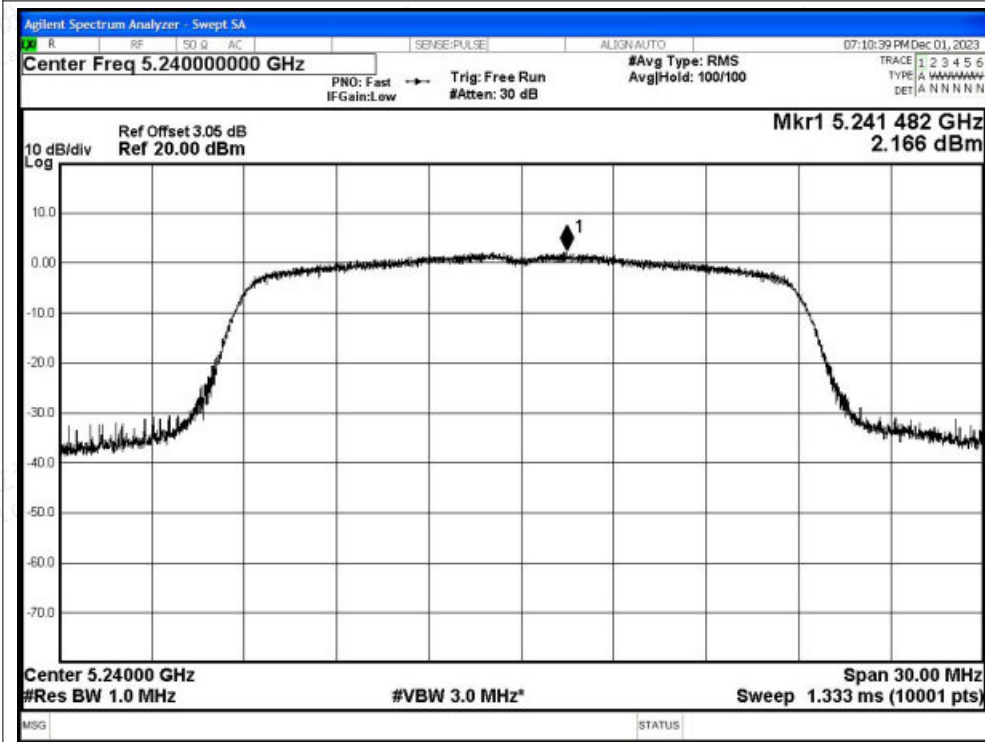
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PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1

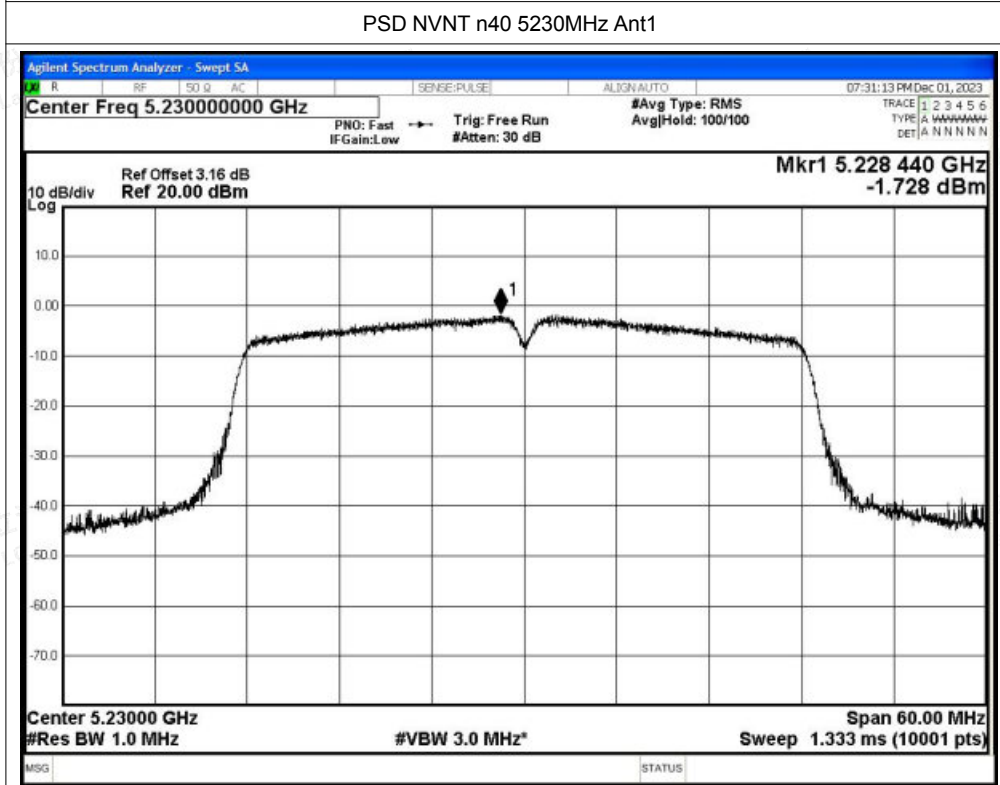
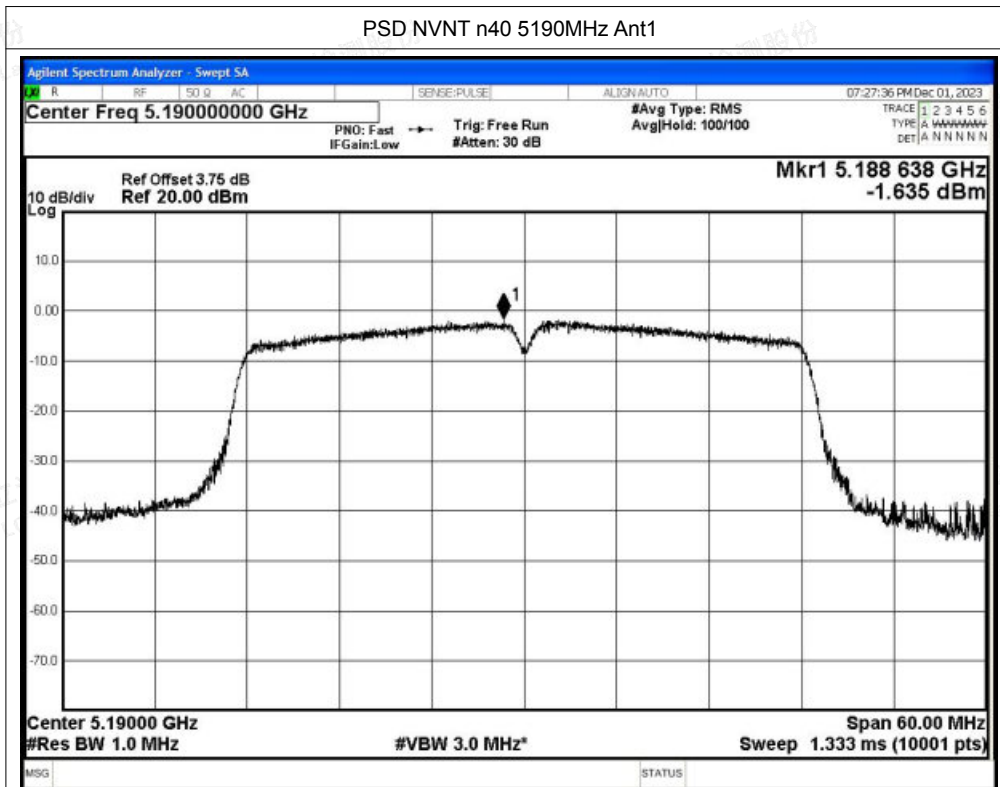


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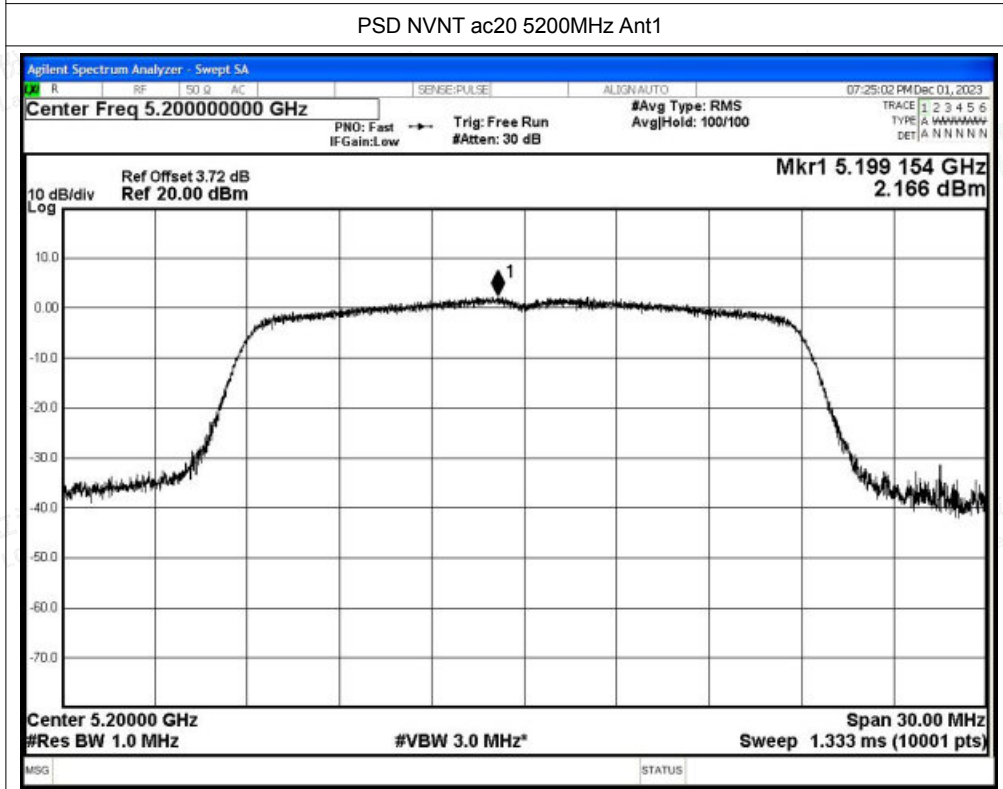
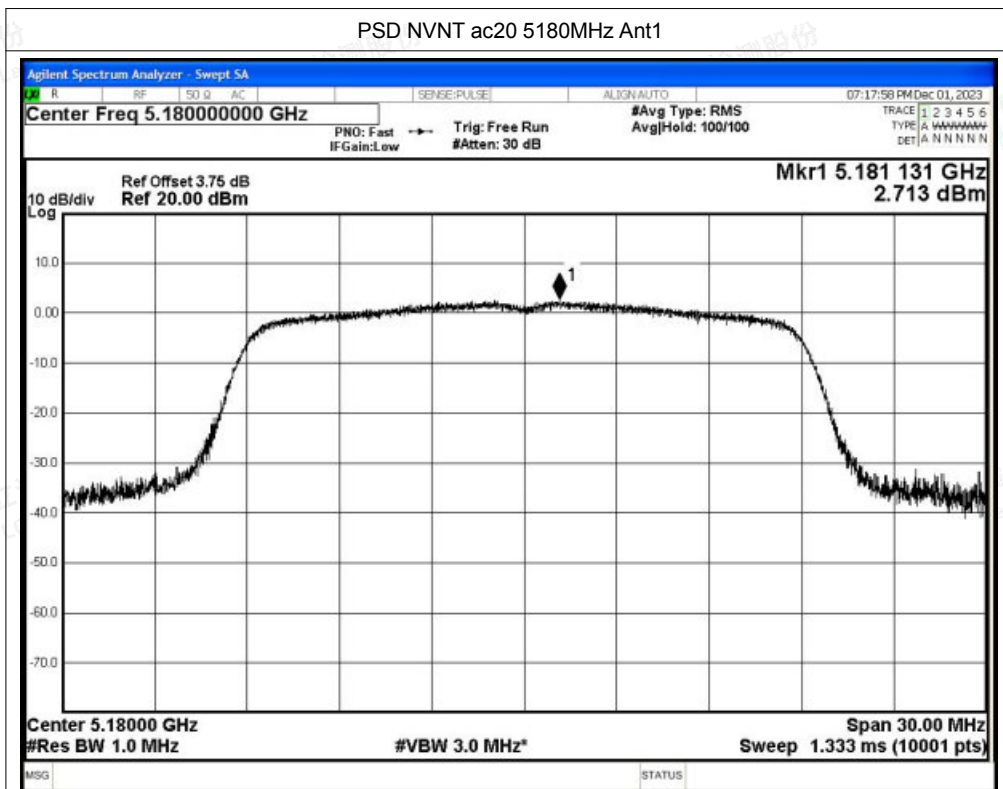


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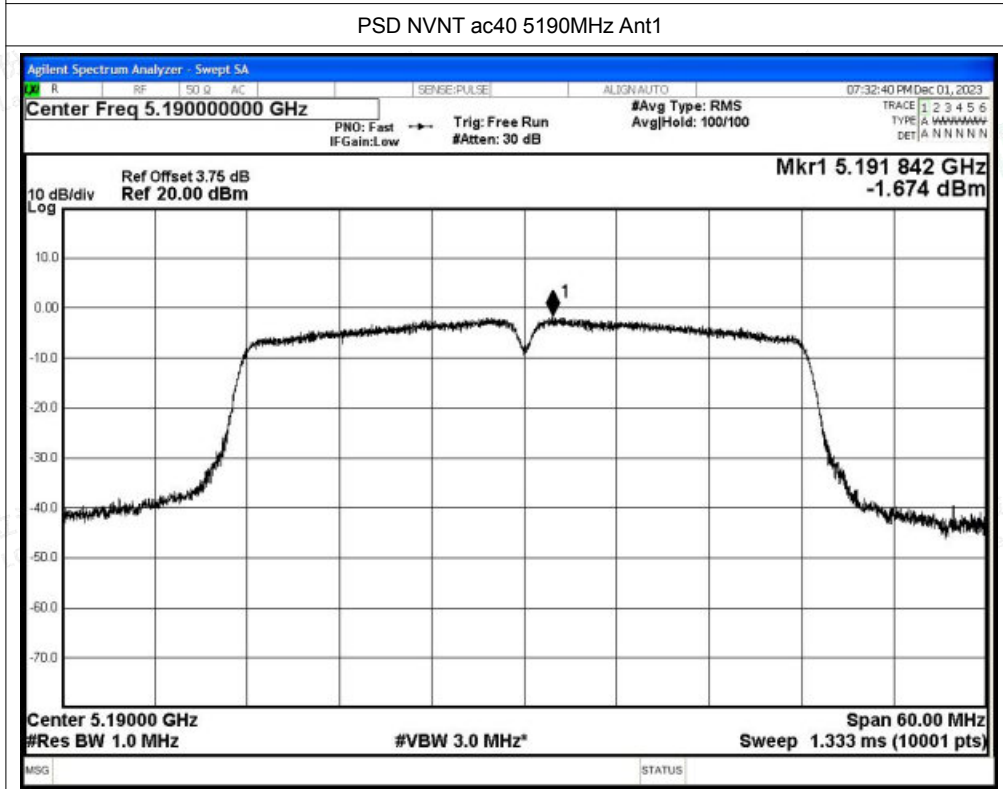
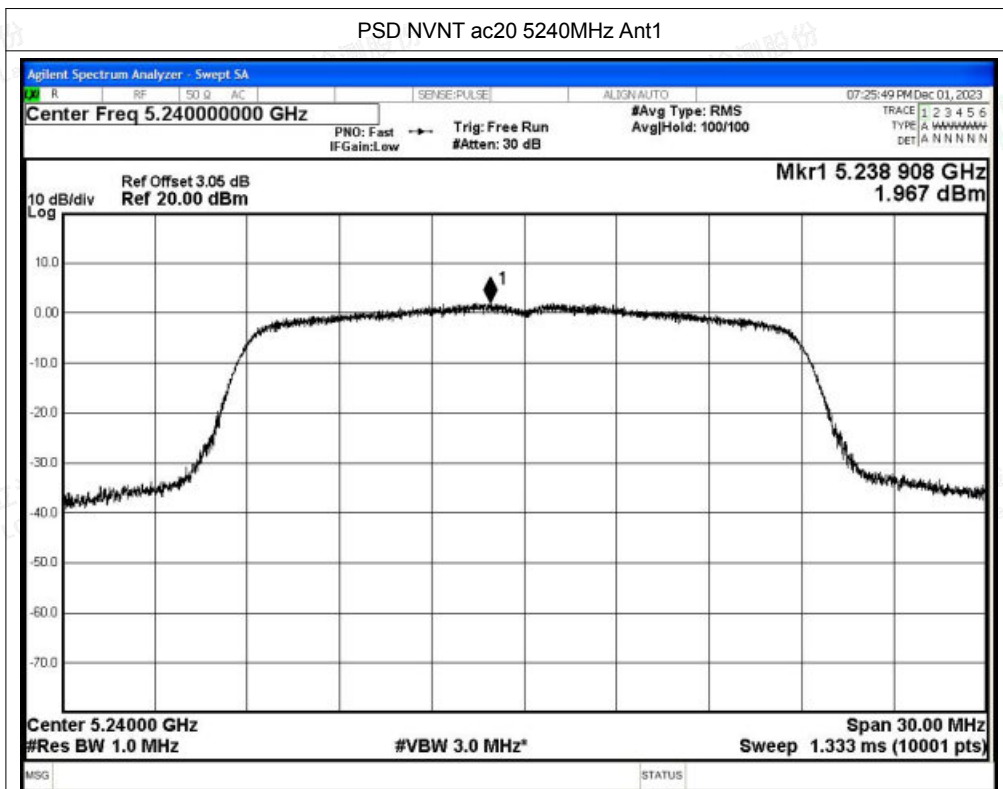


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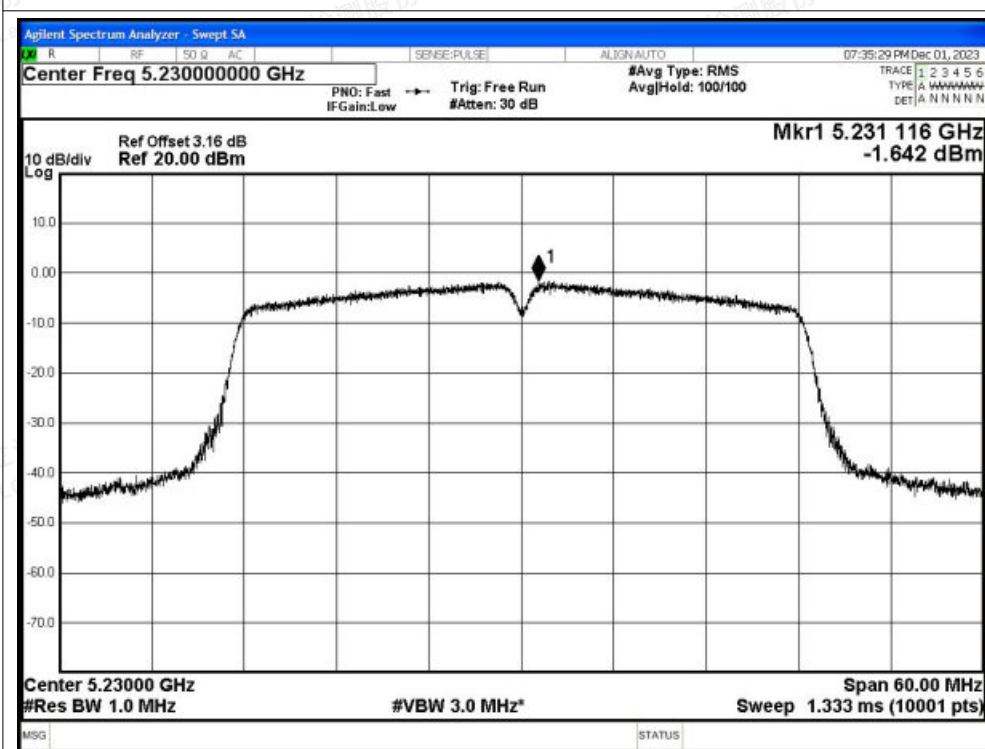
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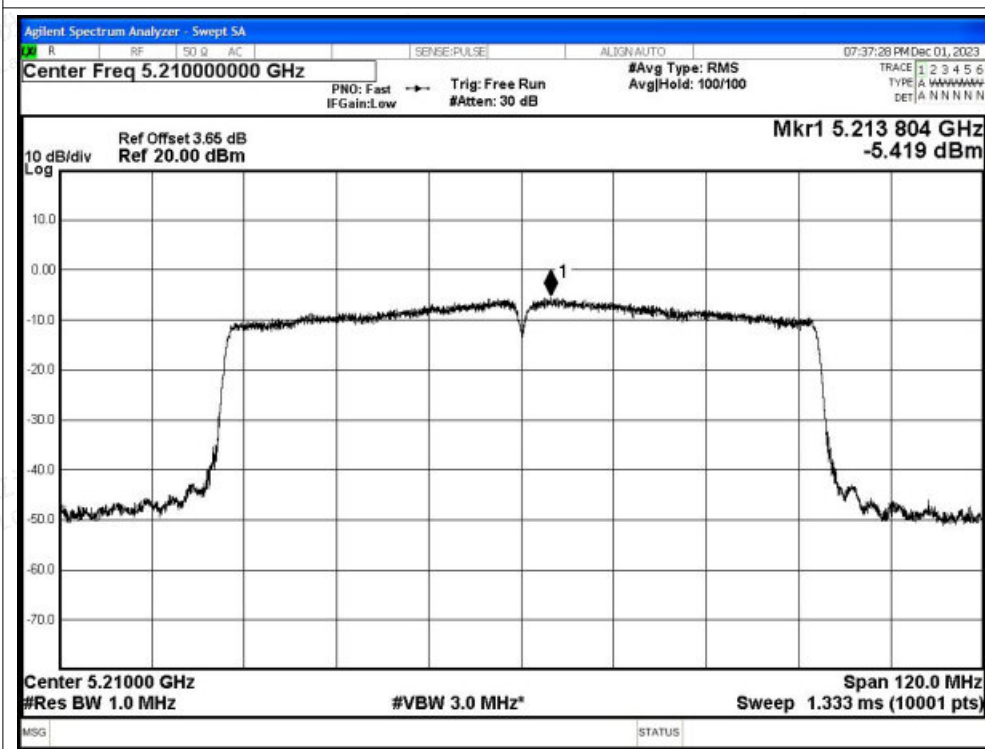
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PSD NVNT ac40 5230MHz Ant1



PSD NVNT ac80 5210MHz Ant1



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D.4 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5180	Ant1	4500	-50.79	2	46.44	Peak	68.2	Pass
NVNT	a	5180	Ant1	4500	-57.1	2	40.13	Average	54	Pass
NVNT	a	5180	Ant1	5148.2	-35.32	2	61.91	Peak	68.2	Pass
NVNT	a	5180	Ant1	5148.9	-46.94	2	50.29	Average	54	Pass
NVNT	a	5180	Ant1	5150	-38.83	2	58.4	Peak	68.2	Pass
NVNT	a	5180	Ant1	5150	-46.68	2	50.55	Average	54	Pass
NVNT	a	5240	Ant1	5350	-47.82	2	49.41	Peak	68.2	Pass
NVNT	a	5240	Ant1	5350	-55.57	2	41.66	Average	54	Pass
NVNT	a	5240	Ant1	5361.36	-46.62	2	50.61	Peak	68.2	Pass
NVNT	a	5240	Ant1	5355.12	-55.43	2	41.8	Average	54	Pass
NVNT	a	5240	Ant1	5460	-49.32	2	47.91	Peak	68.2	Pass
NVNT	a	5240	Ant1	5460	-56.67	2	40.56	Average	54	Pass
NVNT	n20	5180	Ant1	4500	-51	2	46.23	Peak	68.2	Pass
NVNT	n20	5180	Ant1	4500	-57.13	2	40.1	Average	54	Pass
NVNT	n20	5180	Ant1	5146.8	-34.23	2	63	Peak	68.2	Pass
NVNT	n20	5180	Ant1	5149.6	-44.87	2	52.36	Average	54	Pass
NVNT	n20	5180	Ant1	5150	-36.45	2	60.78	Peak	68.2	Pass
NVNT	n20	5180	Ant1	5150	-44.25	2	52.98	Average	54	Pass
NVNT	n20	5240	Ant1	5350	-49.17	2	48.06	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5350	-55.26	2	41.97	Average	54	Pass
NVNT	n20	5240	Ant1	5361.6	-45.89	2	51.34	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5356.08	-55	2	42.23	Average	54	Pass
NVNT	n20	5240	Ant1	5460	-49.15	2	48.08	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5460	-56.52	2	40.71	Average	54	Pass
NVNT	n40	5190	Ant1	4500	-50.48	2	46.75	Peak	68.2	Pass
NVNT	n40	5190	Ant1	4500	-56.9	2	40.33	Average	54	Pass
NVNT	n40	5190	Ant1	5144.59	-32.63	2	64.6	Peak	68.2	Pass
NVNT	n40	5190	Ant1	5149.7	-47.01	2	50.22	Average	54	Pass
NVNT	n40	5190	Ant1	5150	-34.62	2	62.61	Peak	68.2	Pass
NVNT	n40	5190	Ant1	5150	-47.01	2	50.22	Average	54	Pass
NVNT	n40	5230	Ant1	5350	-49.25	2	47.98	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5350	-55.19	2	42.04	Average	54	Pass
NVNT	n40	5230	Ant1	5374.95	-46.19	2	51.04	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5351.19	-54.89	2	42.34	Average	54	Pass
NVNT	n40	5230	Ant1	5460	-48.81	2	48.42	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5460	-56.28	2	40.95	Average	54	Pass
NVNT	ac20	5180	Ant1	4500	-49.99	2	47.24	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	4500	-57.08	2	40.15	Average	54	Pass



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NVNT	ac20	5180	Ant1	5146.8	-38.46	2	58.77	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	5149.6	-49.77	2	47.46	Average	54	Pass
NVNT	ac20	5180	Ant1	5150	-38.7	2	58.53	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	5150	-49.51	2	47.72	Average	54	Pass
NVNT	ac20	5240	Ant1	5350	-48.4	2	48.83	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5350	-55.47	2	41.76	Average	54	Pass
NVNT	ac20	5240	Ant1	5426.64	-46.05	2	51.18	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5350.8	-55.04	2	42.19	Average	54	Pass
NVNT	ac20	5240	Ant1	5460	-50.09	2	47.14	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5460	-56.62	2	40.61	Average	54	Pass
NVNT	ac40	5190	Ant1	4500	-49.33	2	47.9	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	4500	-56.97	2	40.26	Average	54	Pass
NVNT	ac40	5190	Ant1	5147.51	-35.81	2	61.42	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	5148.97	-47.22	2	50.01	Average	54	Pass
NVNT	ac40	5190	Ant1	5150	-37.72	2	59.51	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	5150	-48.25	2	48.98	Average	54	Pass
NVNT	ac40	5230	Ant1	5350	-49.27	2	47.96	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5350	-55.21	2	42.02	Average	54	Pass
NVNT	ac40	5230	Ant1	5360.37	-46.14	2	51.09	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5363.61	-54.71	2	42.52	Average	54	Pass
NVNT	ac40	5230	Ant1	5460	-50.13	2	47.1	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5460	-56.23	2	41	Average	54	Pass
NVNT	ac80	5210	Ant1	5350	-44.27	2	52.96	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5350	-53.71	2	43.52	Average	54	Pass
NVNT	ac80	5210	Ant1	5352.75	-43.52	2	53.71	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5351.76	-53.13	2	44.1	Average	54	Pass
NVNT	ac80	5210	Ant1	5460	-49.53	2	47.7	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5460	-55.33	2	41.9	Average	54	Pass
NVNT	ac80	5210	Ant1	4500	-48.48	2	48.75	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	4500	-56.73	2	40.5	Average	54	Pass
NVNT	ac80	5210	Ant1	5147.01	-32.87	2	64.36	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5149.38	-45.92	2	51.31	Average	54	Pass
NVNT	ac80	5210	Ant1	5150	-39.28	2	57.95	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5150	-46.27	2	50.96	Average	54	Pass



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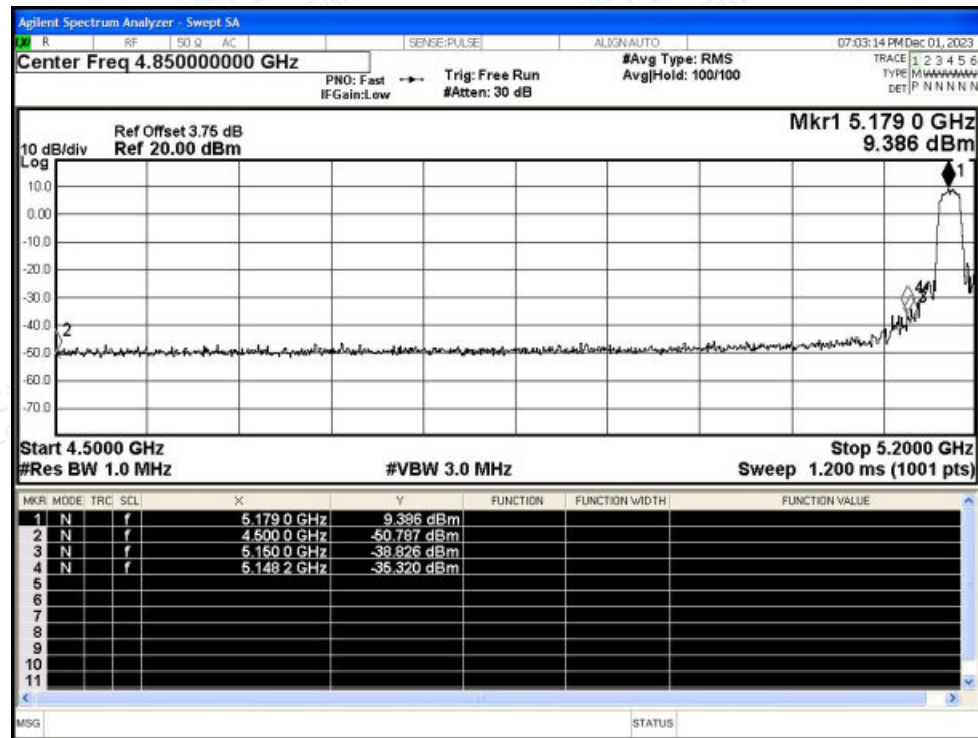
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

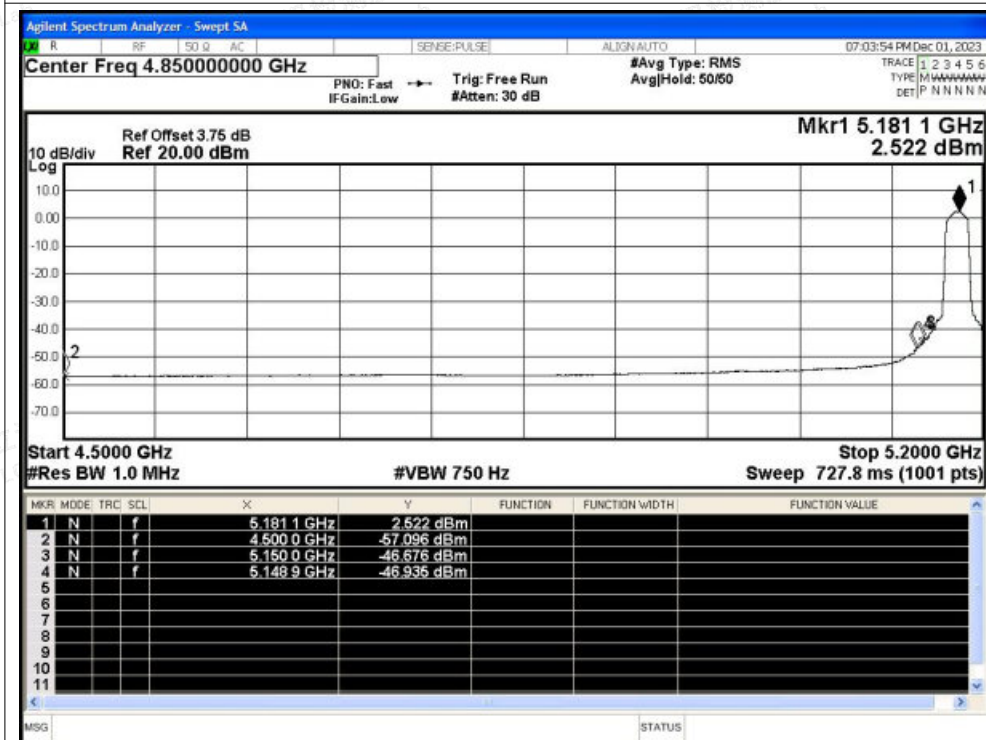


Test Graphs

Restrict Band NVNT a 5180MHz Ant1 Peak



Restrict Band NVNT a 5180MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

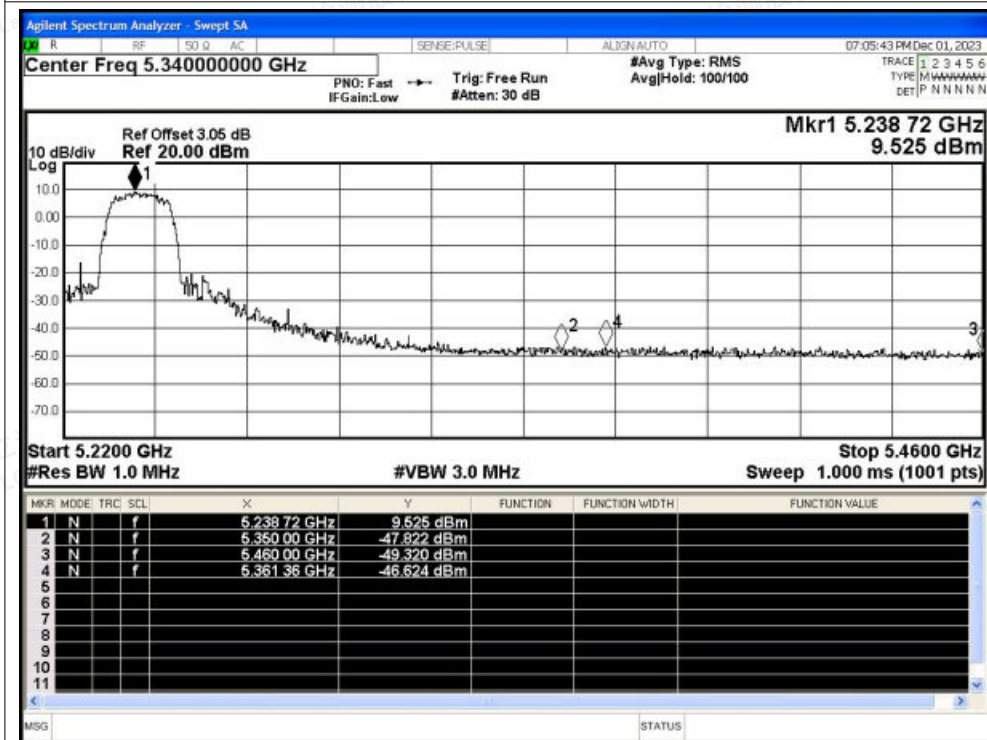
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

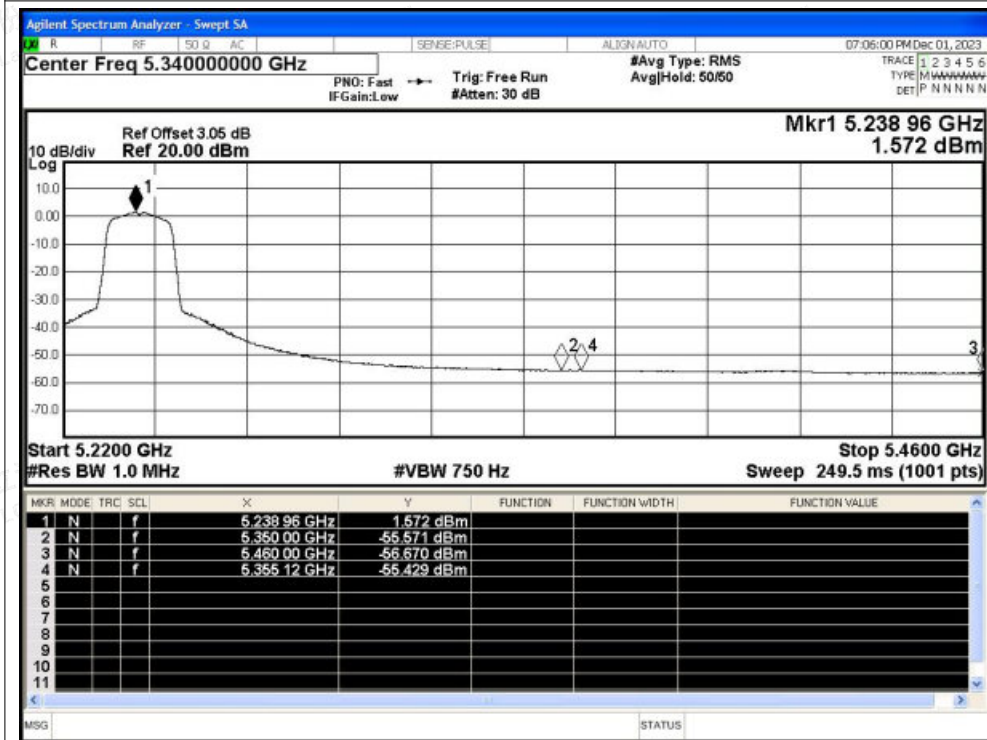
Scan code to check authenticity



Restrict Band NVNT a 5240MHz Ant1 Peak



Restrict Band NVNT a 5240MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

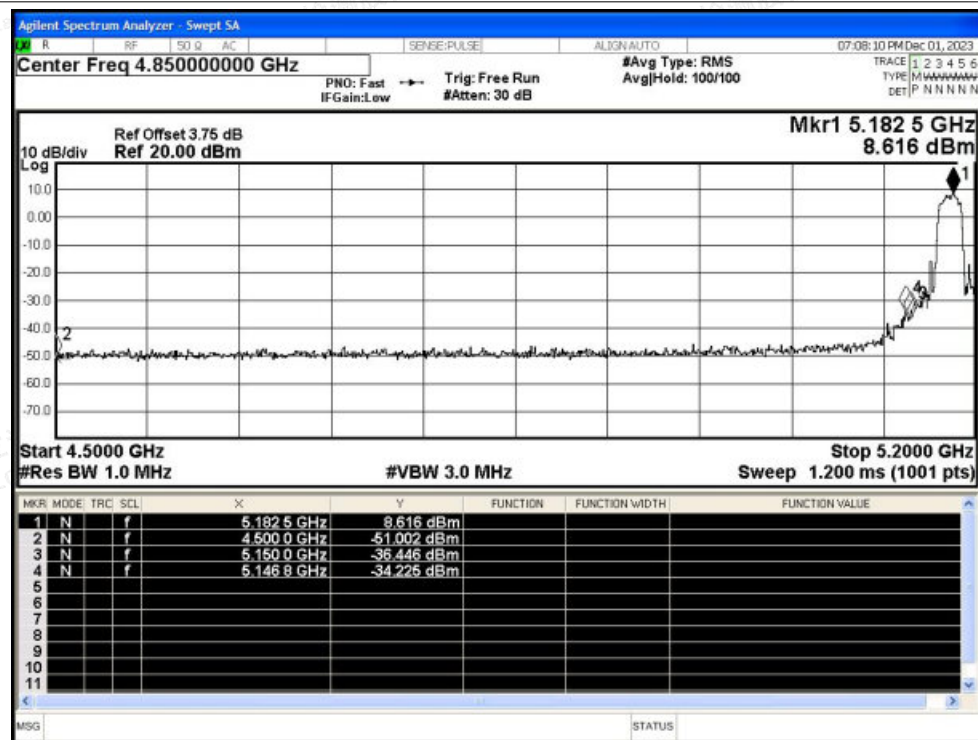
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

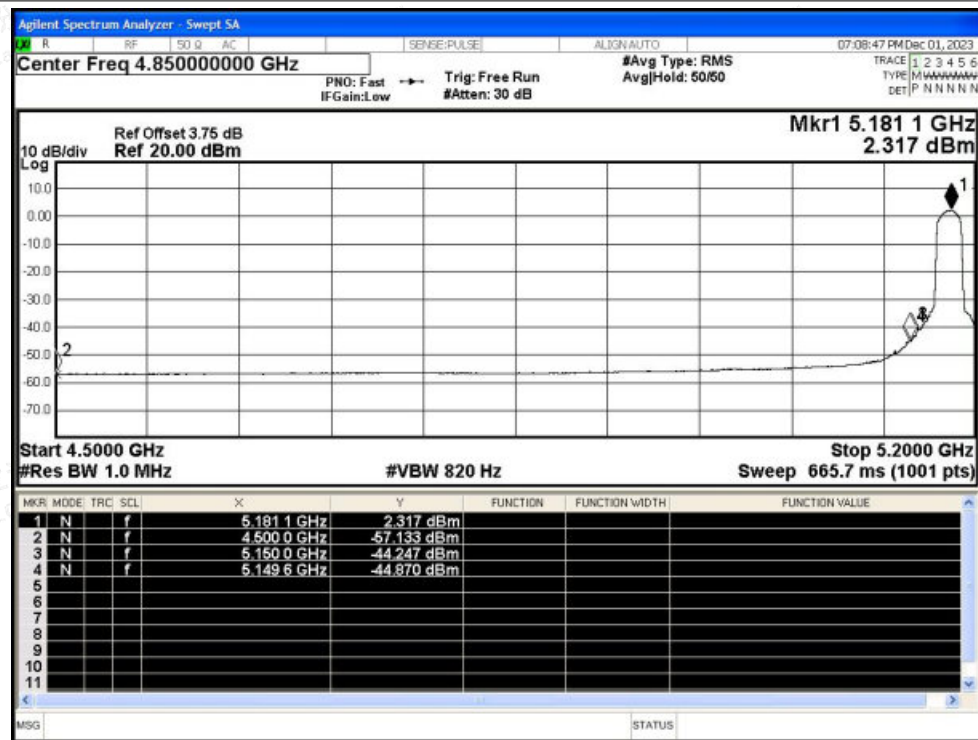
Scan code to check authenticity



Restrict Band NVNT n20 5180MHz Ant1 Peak



Restrict Band NVNT n20 5180MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

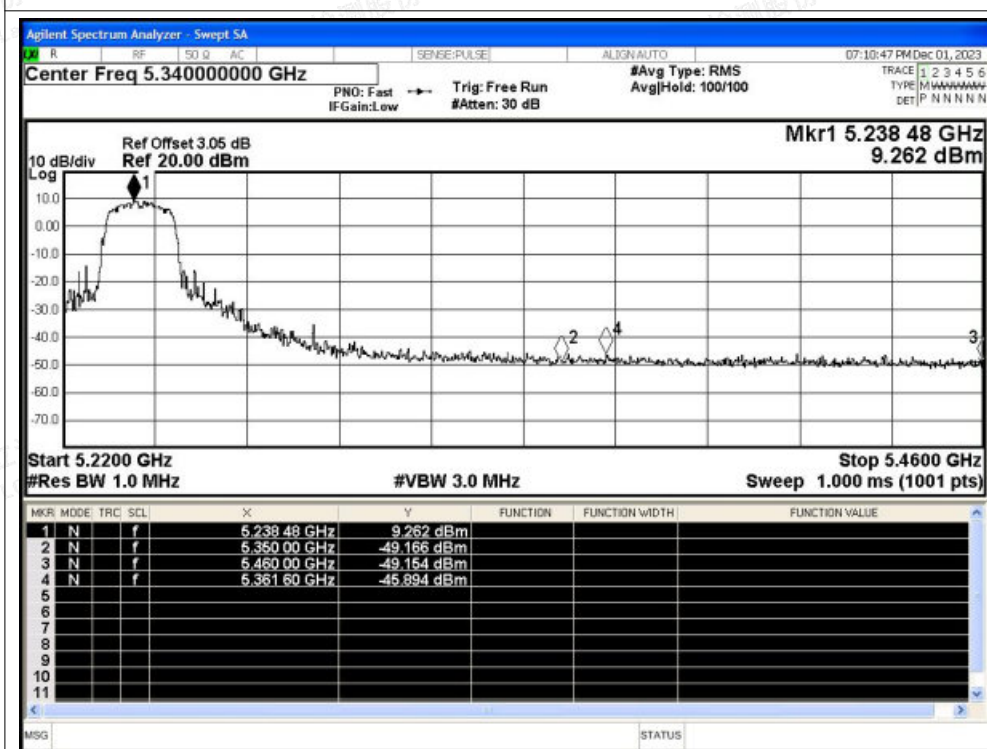
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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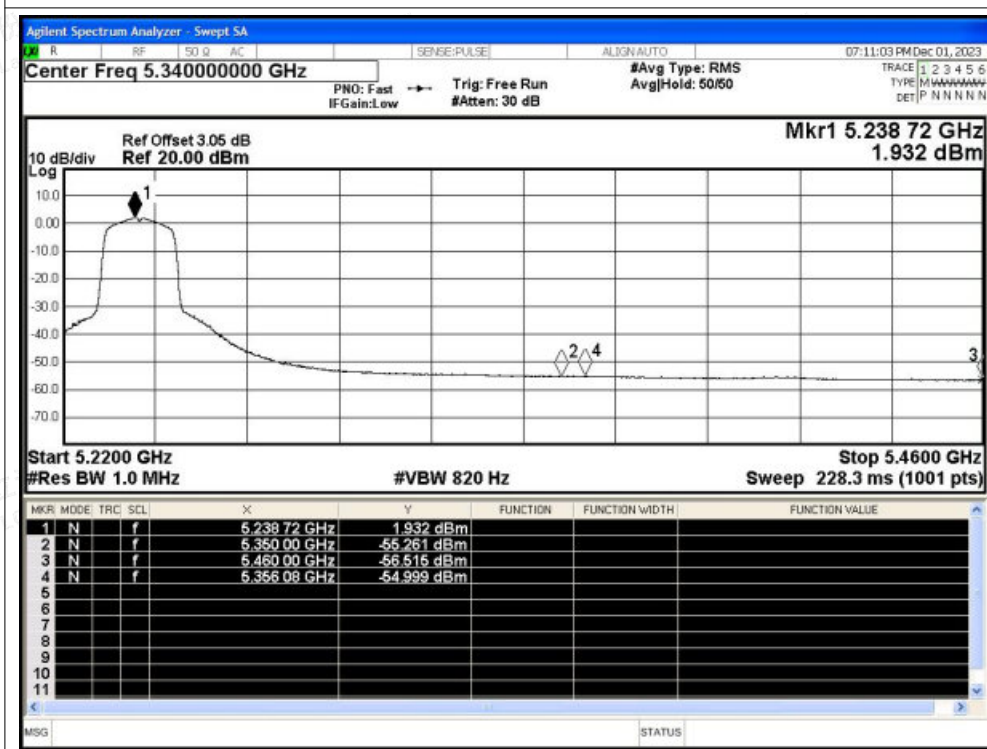
Scan code to check authenticity



Restrict Band NVNT n20 5240MHz Ant1 Peak



Restrict Band NVNT n20 5240MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

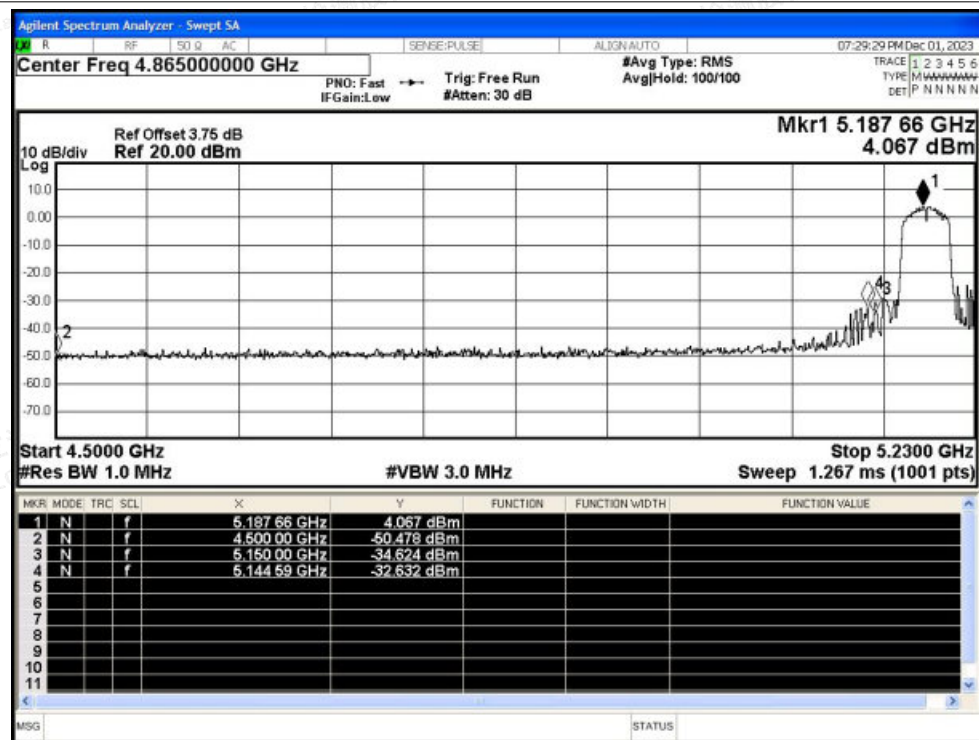
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

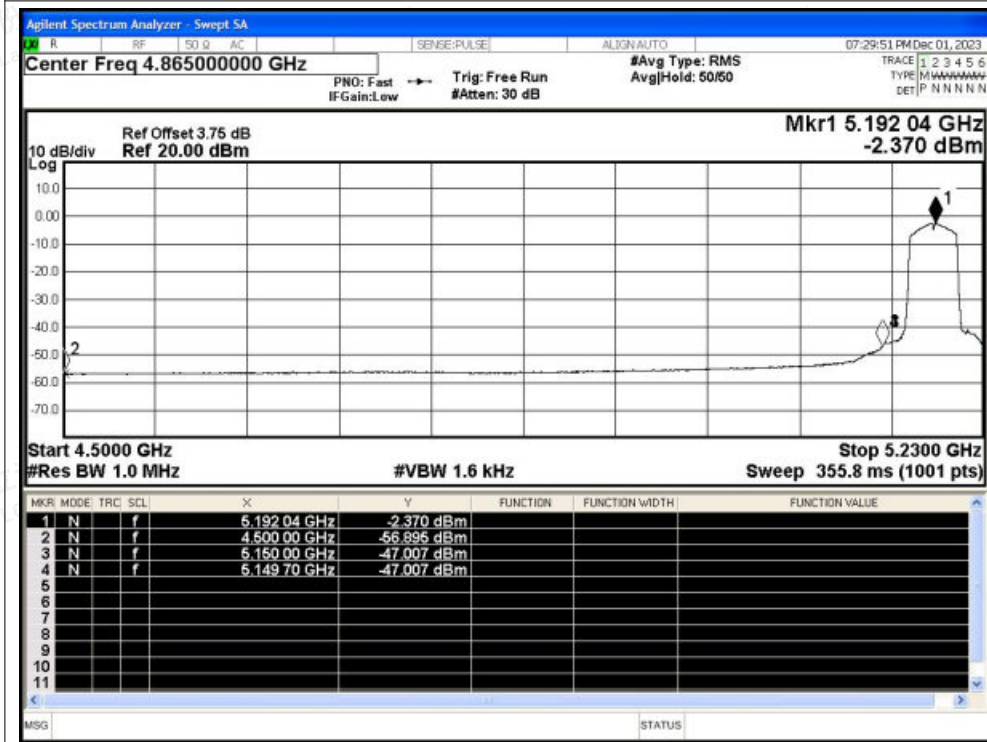
Scan code to check authenticity



Restrict Band NVNT n40 5190MHz Ant1 Peak



Restrict Band NVNT n40 5190MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

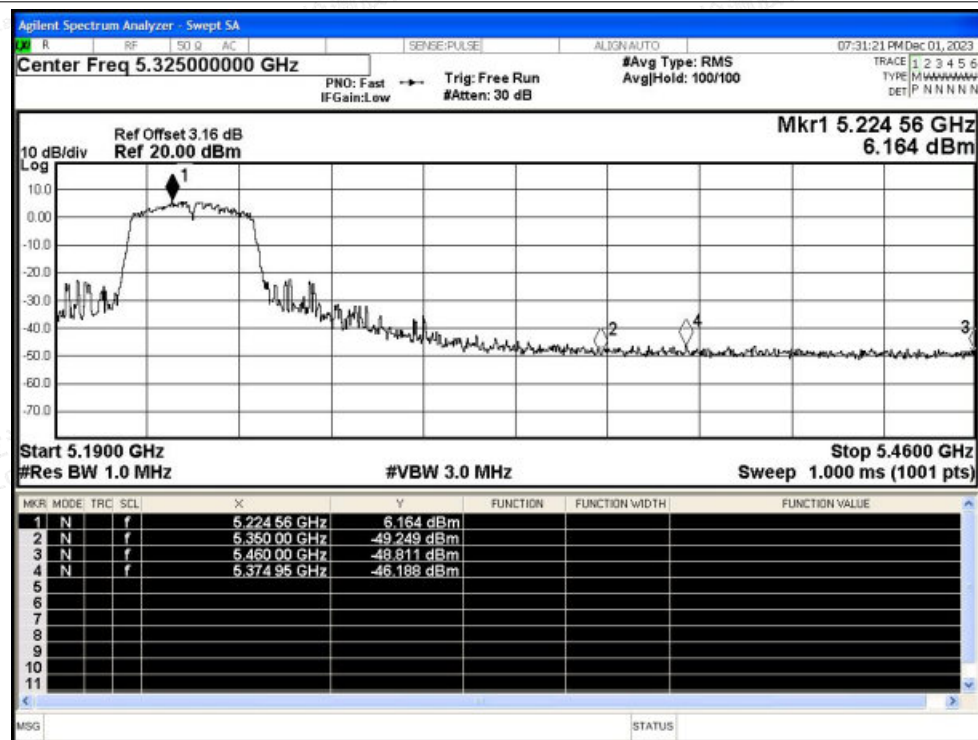
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

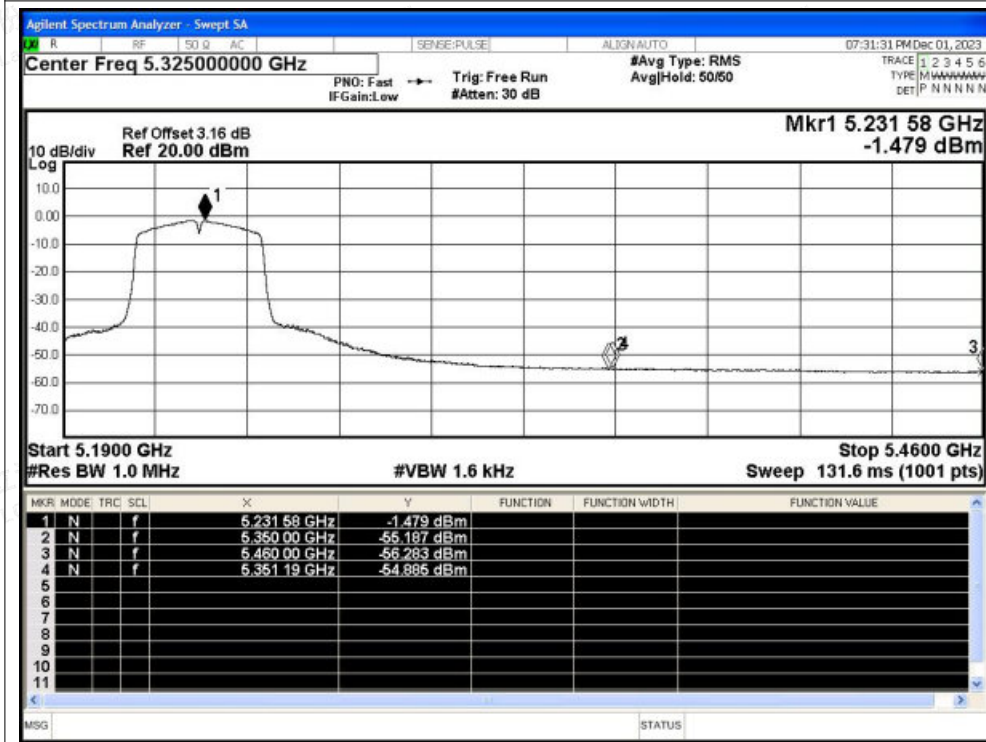
Scan code to check authenticity



Restrict Band NVNT n40 5230MHz Ant1 Peak



Restrict Band NVNT n40 5230MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

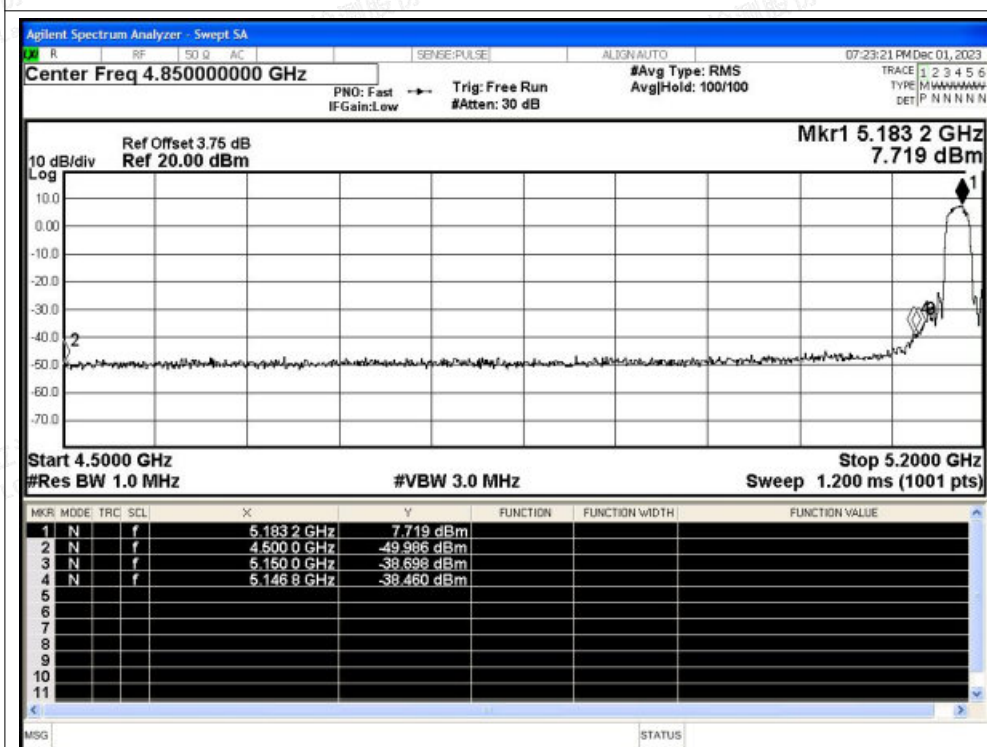
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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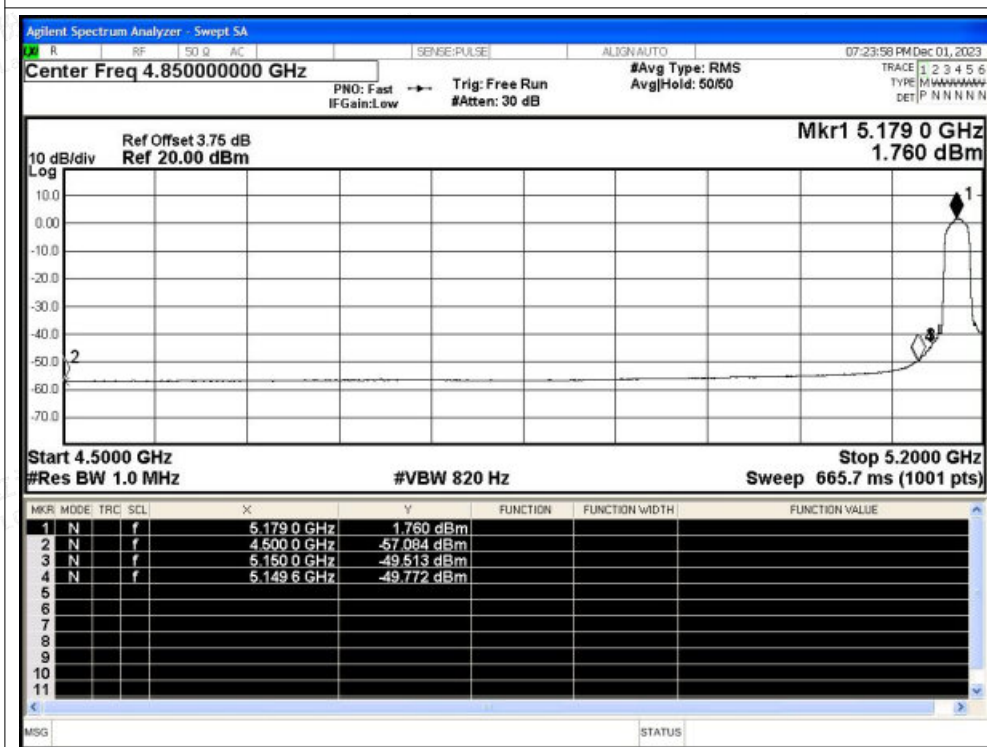
Scan code to check authenticity



Restrict Band NVNT ac20 5180MHz Ant1 Peak



Restrict Band NVNT ac20 5180MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

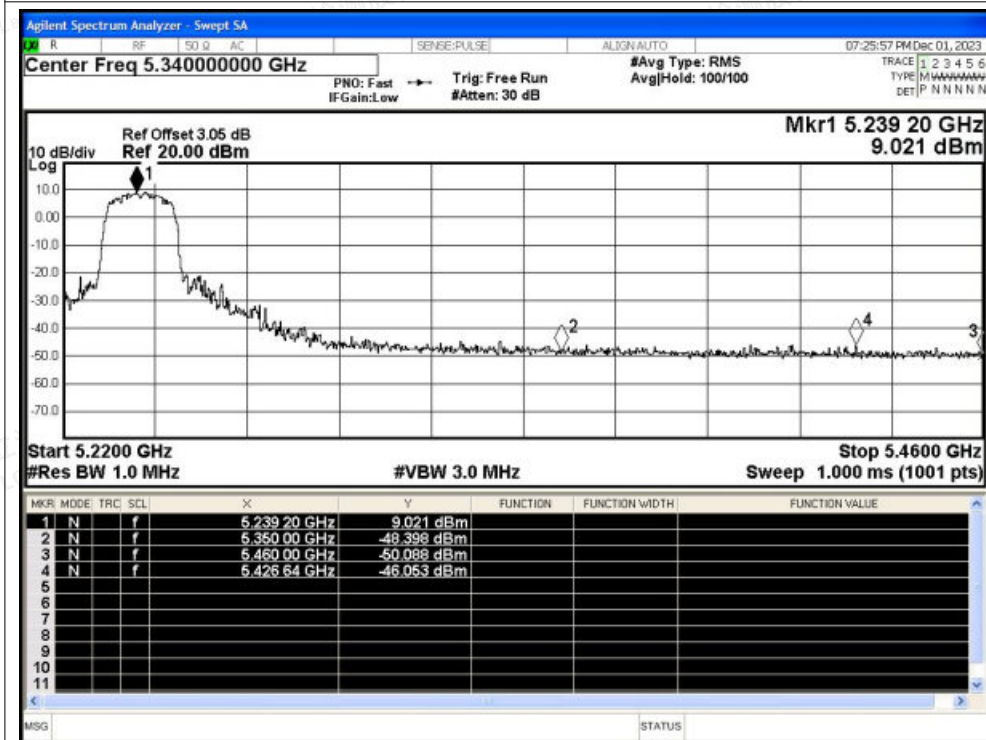
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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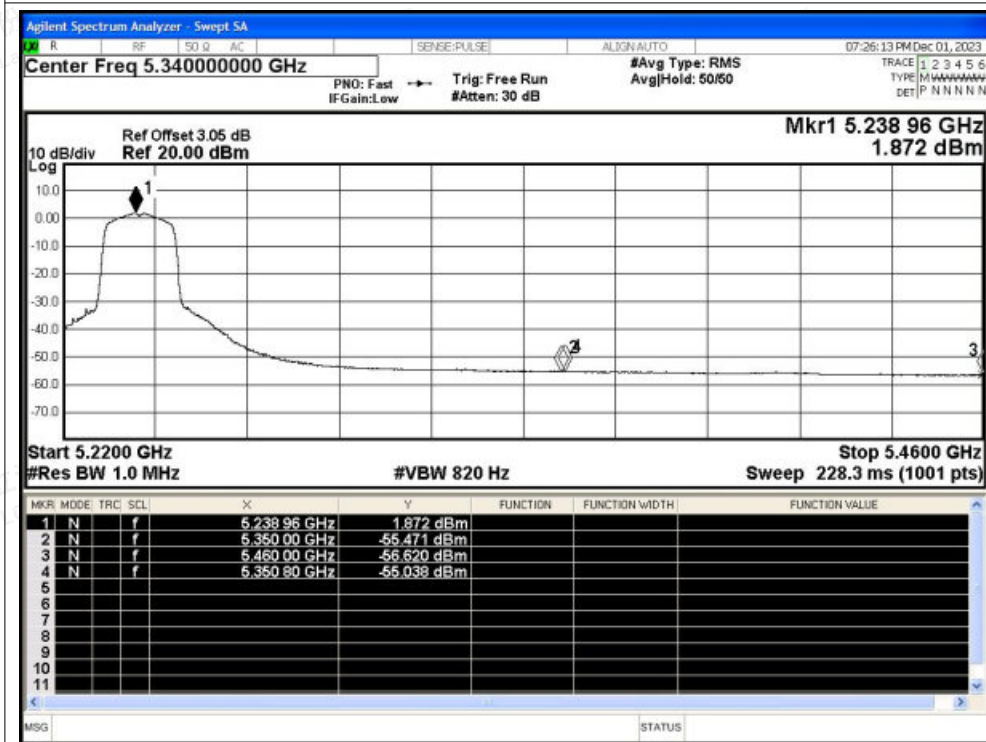
Scan code to check authenticity



Restrict Band NVNT ac20 5240MHz Ant1 Peak



Restrict Band NVNT ac20 5240MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

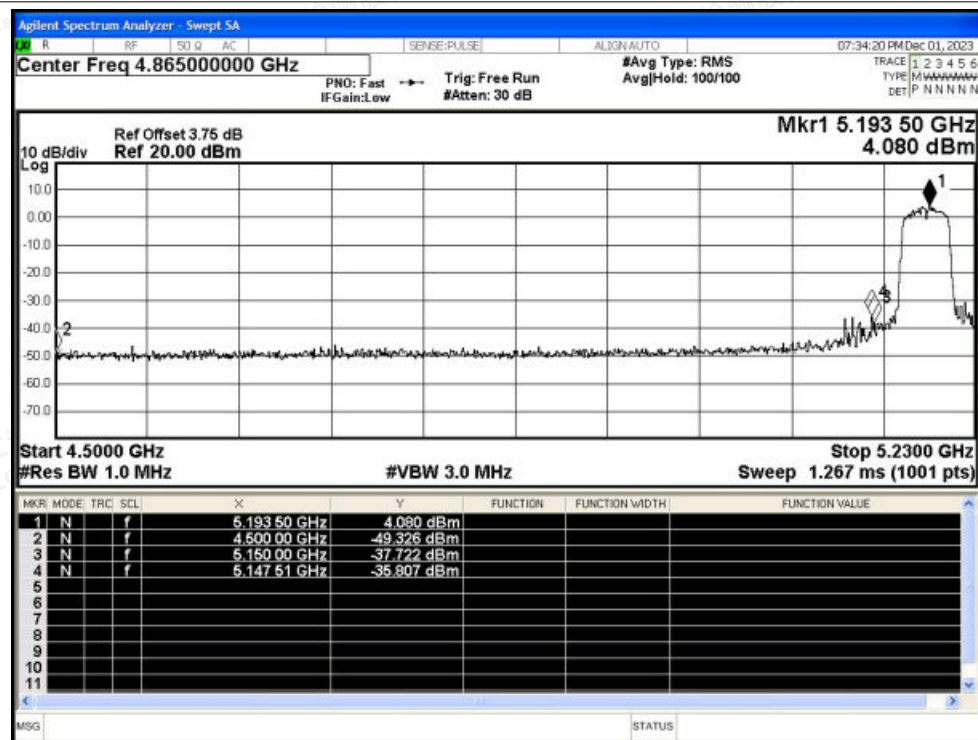
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

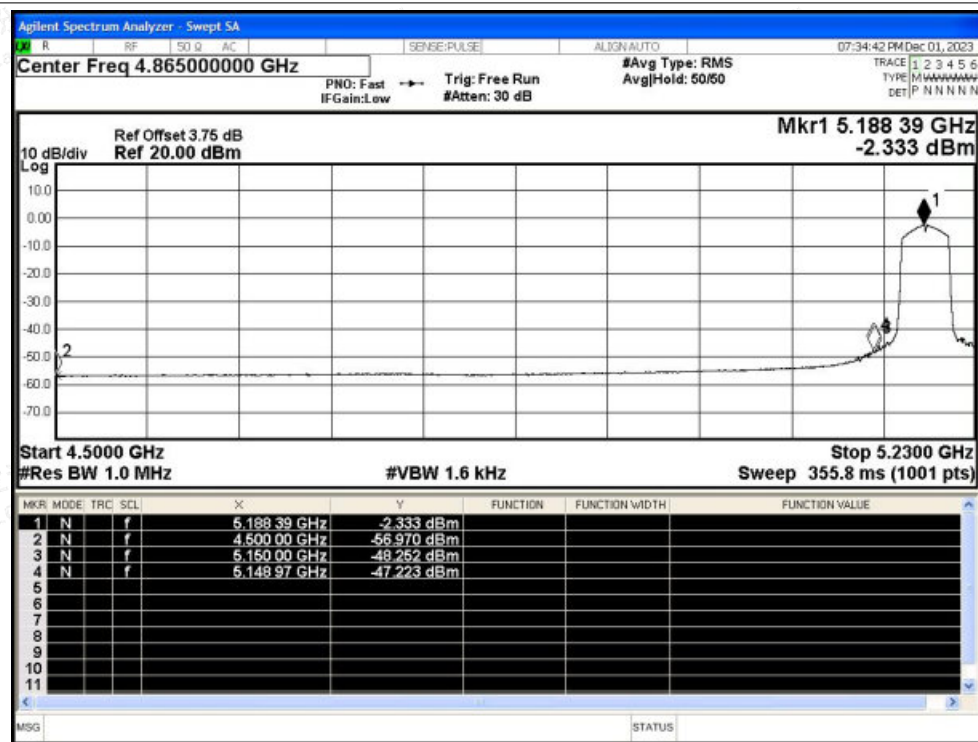
Scan code to check authenticity



Restrict Band NVNT ac40 5190MHz Ant1 Peak



Restrict Band NVNT ac40 5190MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

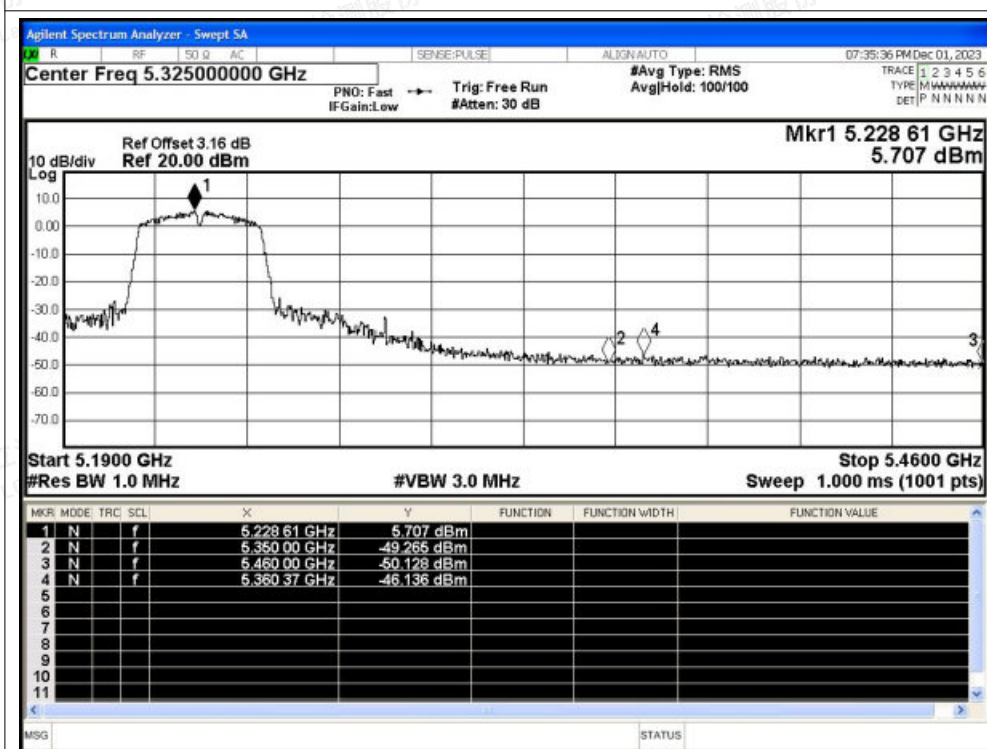
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

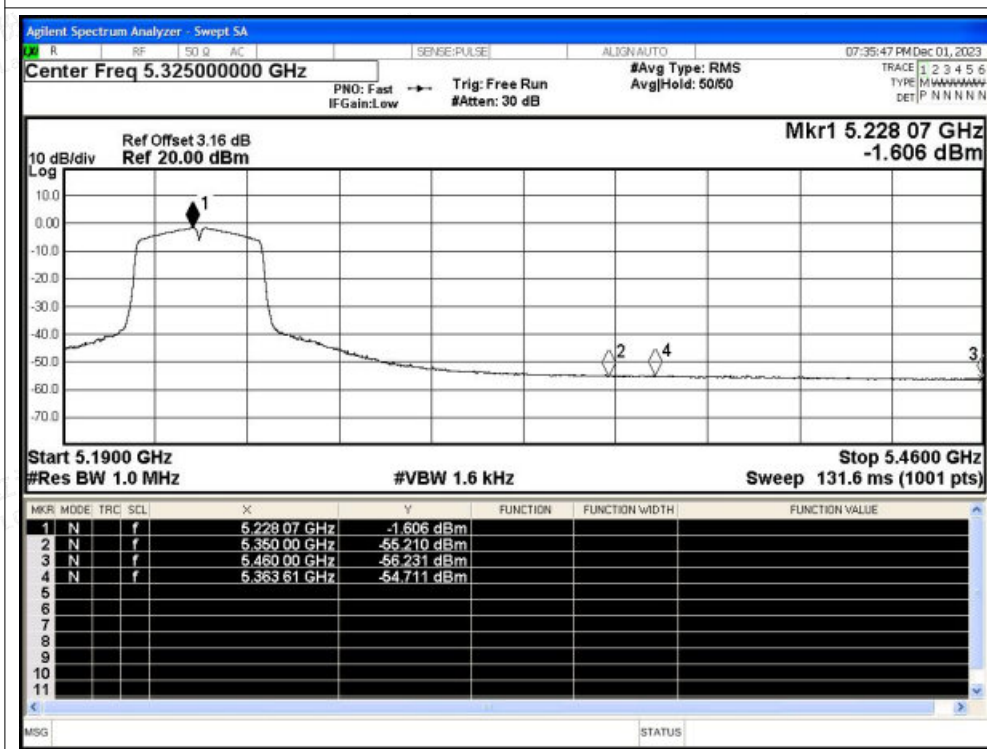
Scan code to check authenticity



Restrict Band NVNT ac40 5230MHz Ant1 Peak



Restrict Band NVNT ac40 5230MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

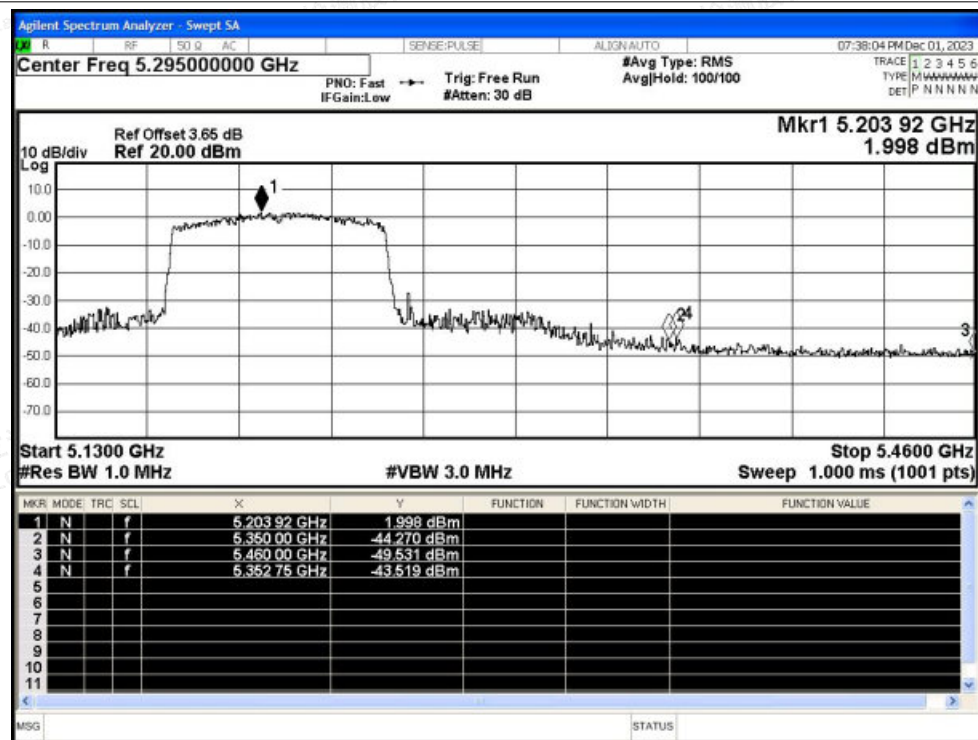
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

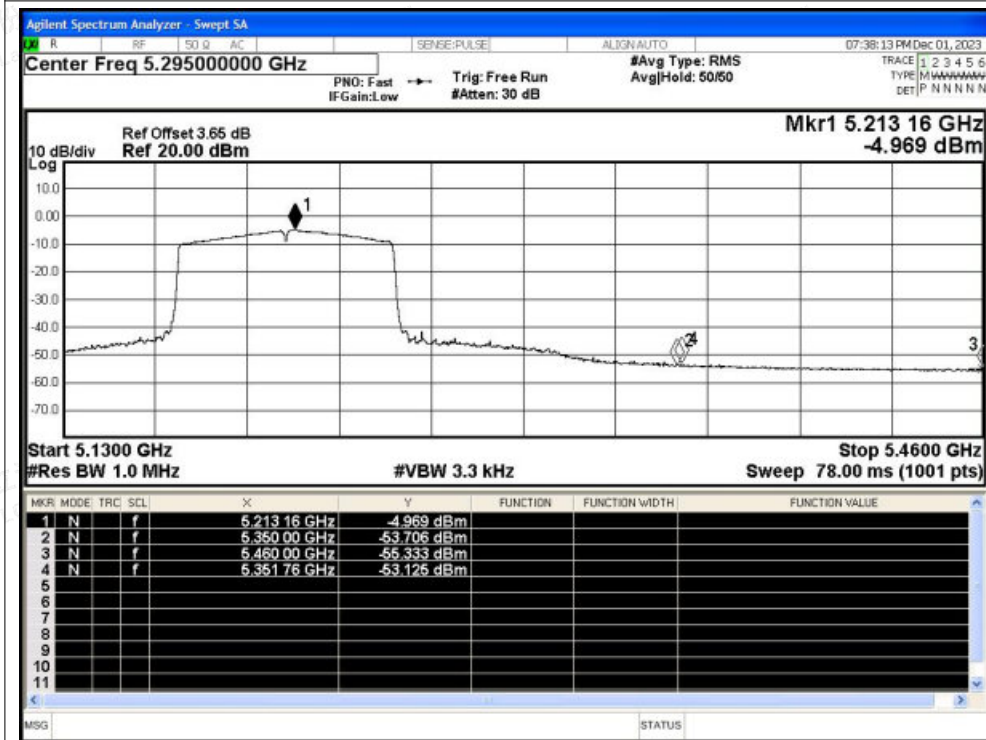
Scan code to check authenticity



Restrict Band NVNT ac80 5210MHz Ant1 Peak



Restrict Band NVNT ac80 5210MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

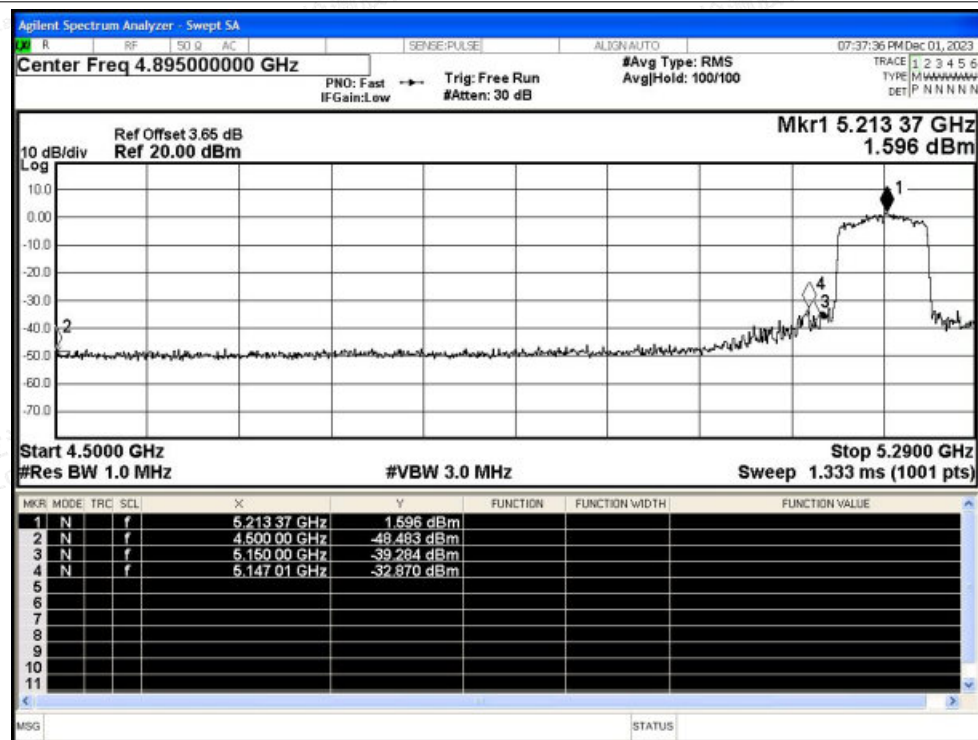
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

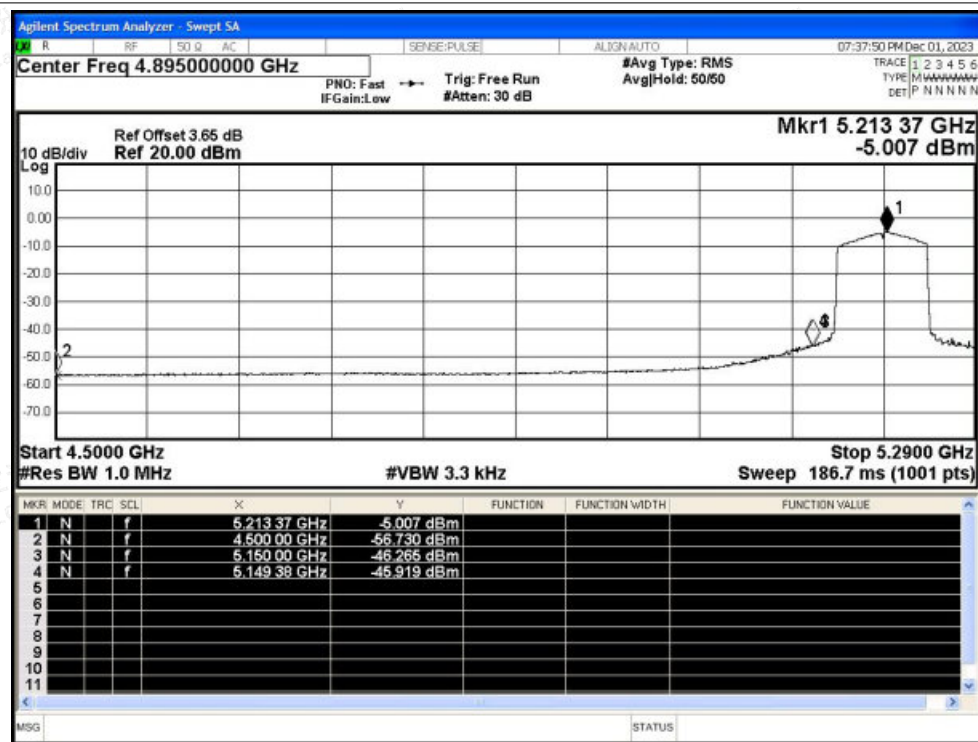
Scan code to check authenticity



Restrict Band NVNT ac80 5210MHz Ant1 Peak



Restrict Band NVNT ac80 5210MHz Ant1 Average



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D.5 Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.861004	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5220	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.831418	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5240	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
			LV	NT	-20000.00	-3.861004	20	PASS
			HV	NT	-20000.00	-3.861004	20	PASS
		5220	NV	NT	-20000.00	-3.831418	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.831418	20	PASS
		5240	NV	NT	-20000.00	-3.816794	20	PASS
			LV	NT	-20000.00	-3.816794	20	PASS
			HV	NT	-20000.00	-3.816794	20	PASS
11N40SIS O	Ant1	5190	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-40000.00	-7.707129	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5230	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-40000.00	-7.648184	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11AC20SIS O	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
			LV	NT	-20000.00	-3.861004	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5220	NV	NT	-20000.00	-3.831418	20	PASS
			LV	NT	-20000.00	-3.831418	20	PASS
			HV	NT	-20000.00	-3.831418	20	PASS
		5240	NV	NT	-20000.00	-3.816794	20	PASS
			LV	NT	-20000.00	-3.816794	20	PASS
			HV	NT	-20000.00	-3.816794	20	PASS
11AC40SIS O	Ant1	5190	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS



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		5230	HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
			LV	NT	-80000.00	-15.296367	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11AC80SIS O	Ant1	5210	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS

Temperature								
TestMode	Antenna	Frequenc y[MHz]	Voltage [Vdc]	Temperat ure (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-20000.00	-3.861004	20	PASS
			NV	10	-20000.00	-3.861004	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5220	NV	-30	-20000.00	-3.831418	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-20000.00	-3.831418	20	PASS
			NV	0	-20000.00	-3.831418	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-20000.00	-3.831418	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5240	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-20000.00	-3.816794	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.816794	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5180	NV	-30	-20000.00	-3.861004	20	PASS
			NV	-20	-20000.00	-3.861004	20	PASS
			NV	-10	-20000.00	-3.861004	20	PASS
			NV	0	0.00	0.000000	20	PASS



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11N40SIS O	Ant1		NV	10	-20000.00	-3.861004	20	PASS
			NV	20	-20000.00	-3.861004	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-20000.00	-3.861004	20	PASS
		5220	NV	-30	-20000.00	-3.831418	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-20000.00	-3.831418	20	PASS
			NV	0	-20000.00	-3.831418	20	PASS
			NV	10	-20000.00	-3.831418	20	PASS
			NV	20	-20000.00	-3.831418	20	PASS
			NV	30	-20000.00	-3.831418	20	PASS
			NV	40	-20000.00	-3.831418	20	PASS
			NV	50	-20000.00	-3.831418	20	PASS
		5240	NV	-30	-20000.00	-3.816794	20	PASS
			NV	-20	-20000.00	-3.816794	20	PASS
			NV	-10	-20000.00	-3.816794	20	PASS
			NV	0	-20000.00	-3.816794	20	PASS
			NV	10	-20000.00	-3.816794	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-20000.00	-3.816794	20	PASS
			NV	40	-20000.00	-3.816794	20	PASS
			NV	50	-20000.00	-3.816794	20	PASS
11N40SIS O	Ant1	5190	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-40000.00	-7.707129	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-40000.00	-7.707129	20	PASS
			NV	20	-40000.00	-7.707129	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-40000.00	-7.707129	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5230	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
11AC20SIS	Ant1	5180	NV	-30	-40000.00	-7.722008	20	PASS



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O			NV	-20	-20000.00	-3.861004	20	PASS
			NV	-10	-20000.00	-3.861004	20	PASS
			NV	0	-20000.00	-3.861004	20	PASS
			NV	10	-20000.00	-3.861004	20	PASS
			NV	20	-20000.00	-3.861004	20	PASS
			NV	30	-20000.00	-3.861004	20	PASS
			NV	40	-40000.00	-7.722008	20	PASS
			NV	50	-20000.00	-3.861004	20	PASS
		5220	NV	-30	-20000.00	-3.831418	20	PASS
			NV	-20	-20000.00	-3.831418	20	PASS
			NV	-10	-20000.00	-3.831418	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.831418	20	PASS
			NV	20	-20000.00	-3.831418	20	PASS
			NV	30	-20000.00	-3.831418	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-20000.00	-3.831418	20	PASS
		5240	NV	-30	-20000.00	-3.816794	20	PASS
			NV	-20	-20000.00	-3.816794	20	PASS
			NV	-10	-20000.00	-3.816794	20	PASS
			NV	0	-20000.00	-3.816794	20	PASS
			NV	10	-20000.00	-3.816794	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-20000.00	-3.816794	20	PASS
			NV	40	-20000.00	-3.816794	20	PASS
			NV	50	-20000.00	-3.816794	20	PASS
11AC40SIS O	Ant1	5190	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-40000.00	-7.707129	20	PASS
		5230	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-40000.00	-7.648184	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS



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11AC80SIS O	Ant1	5210	NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS



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D.6 Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	96.94	0.13	0.72
NVNT	a	5200	Ant1	96.94	0.13	0.72
NVNT	a	5240	Ant1	97.01	0.13	0.72
NVNT	n20	5180	Ant1	96.7	0.15	0.78
NVNT	n20	5200	Ant1	96.7	0.15	0.78
NVNT	n20	5240	Ant1	96.7	0.15	0.78
NVNT	n40	5190	Ant1	93.68	0.28	1.57
NVNT	n40	5230	Ant1	93.67	0.28	1.57
NVNT	ac20	5180	Ant1	96.78	0.14	0.76
NVNT	ac20	5200	Ant1	96.76	0.14	0.76
NVNT	ac20	5240	Ant1	96.76	0.14	0.76
NVNT	ac40	5190	Ant1	93.82	0.28	1.53
NVNT	ac40	5230	Ant1	93.82	0.28	1.53
NVNT	ac80	5210	Ant1	88.04	0.55	3.09



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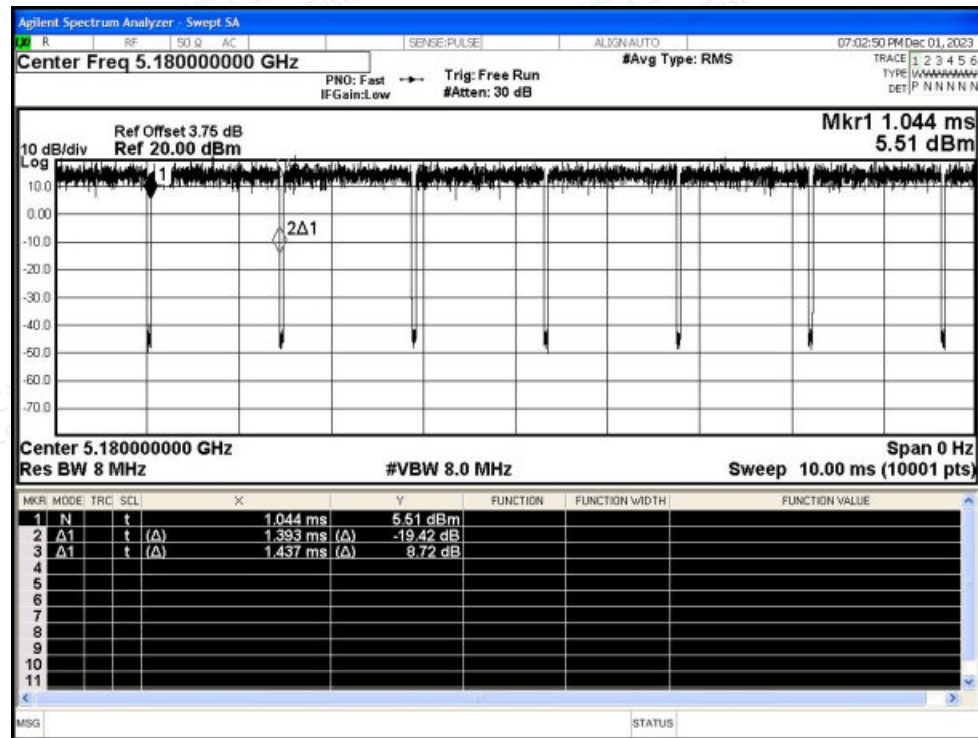
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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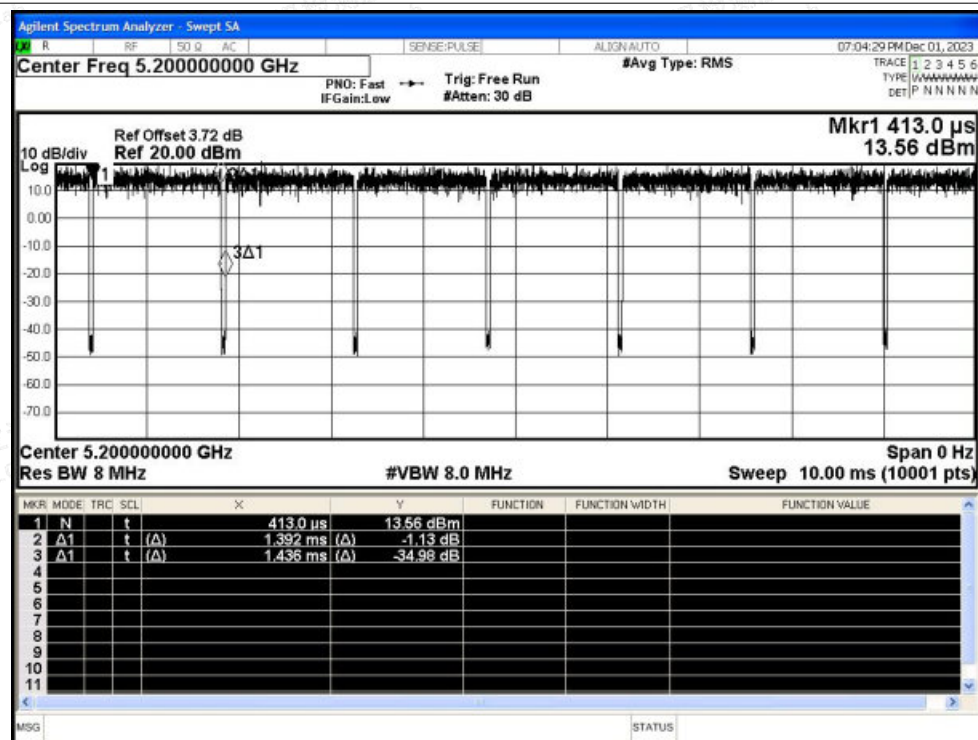


Test Graphs

Duty Cycle NVNT a 5180MHz Ant1



Duty Cycle NVNT a 5200MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

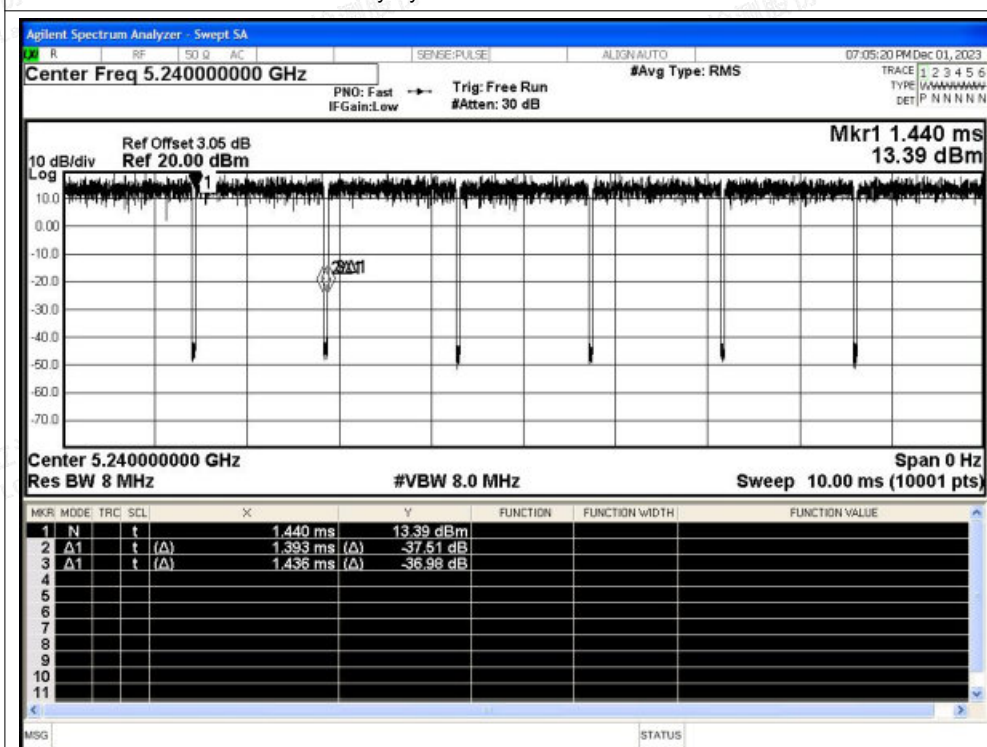
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

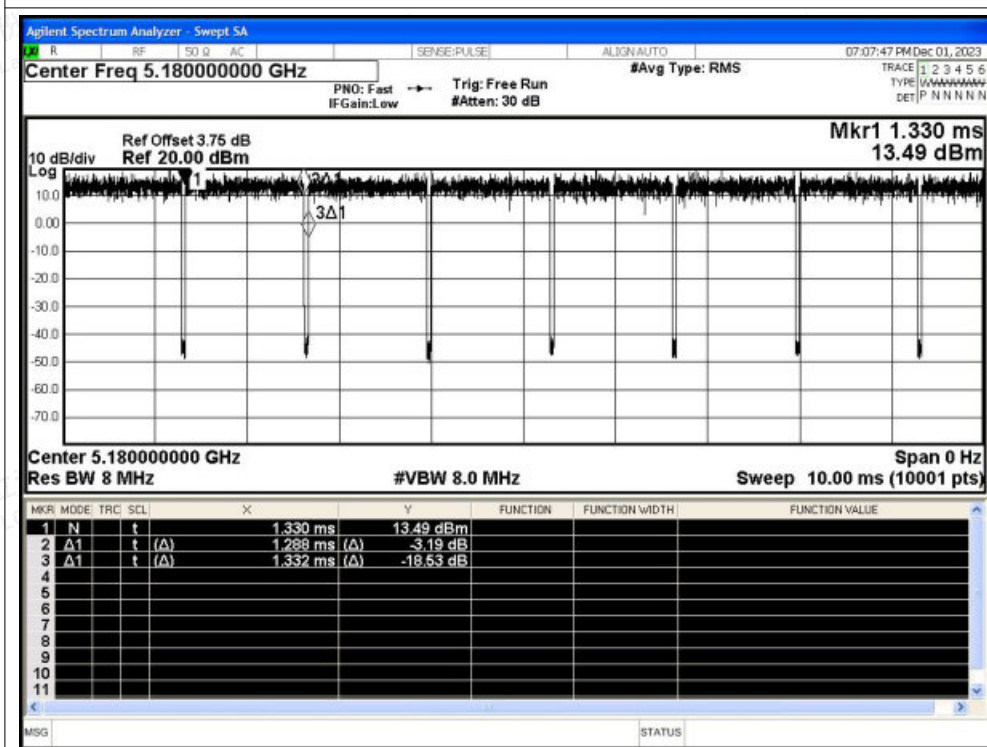
Scan code to check authenticity



Duty Cycle NVNT a 5240MHz Ant1



Duty Cycle NVNT n20 5180MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

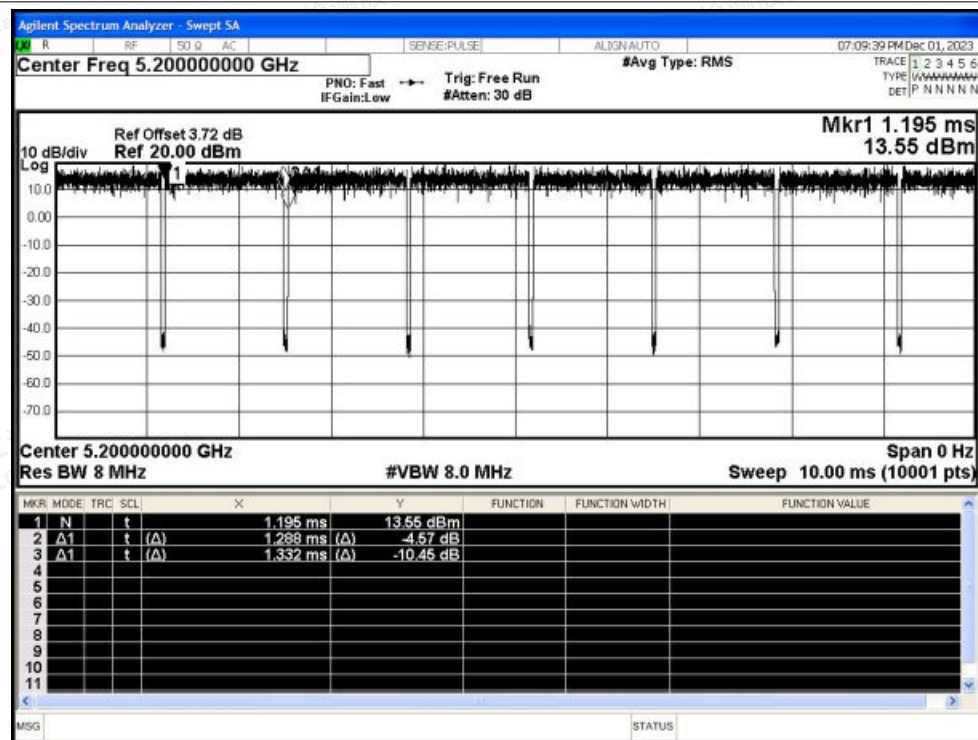
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

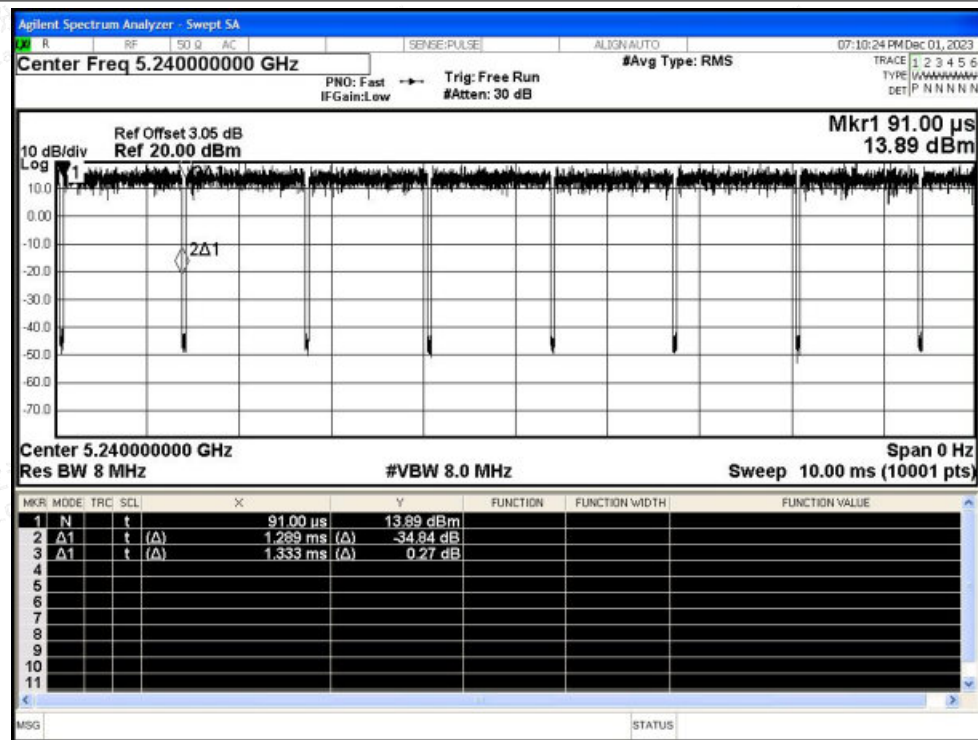
Scan code to check authenticity



Duty Cycle NVNT n20 5200MHz Ant1

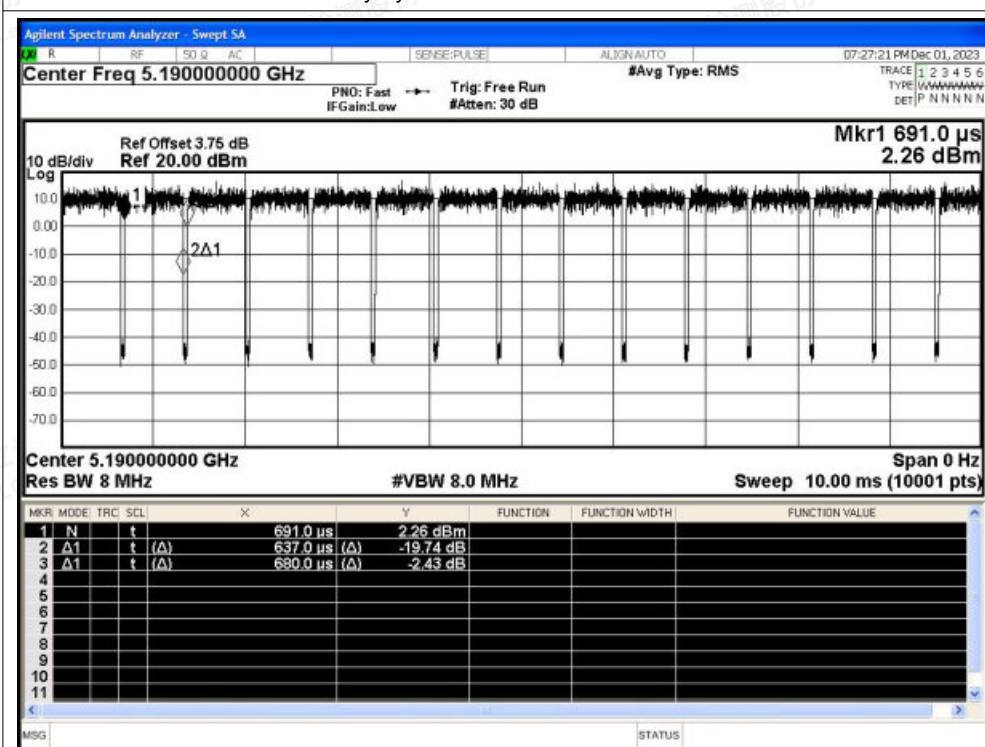


Duty Cycle NVNT n20 5240MHz Ant1

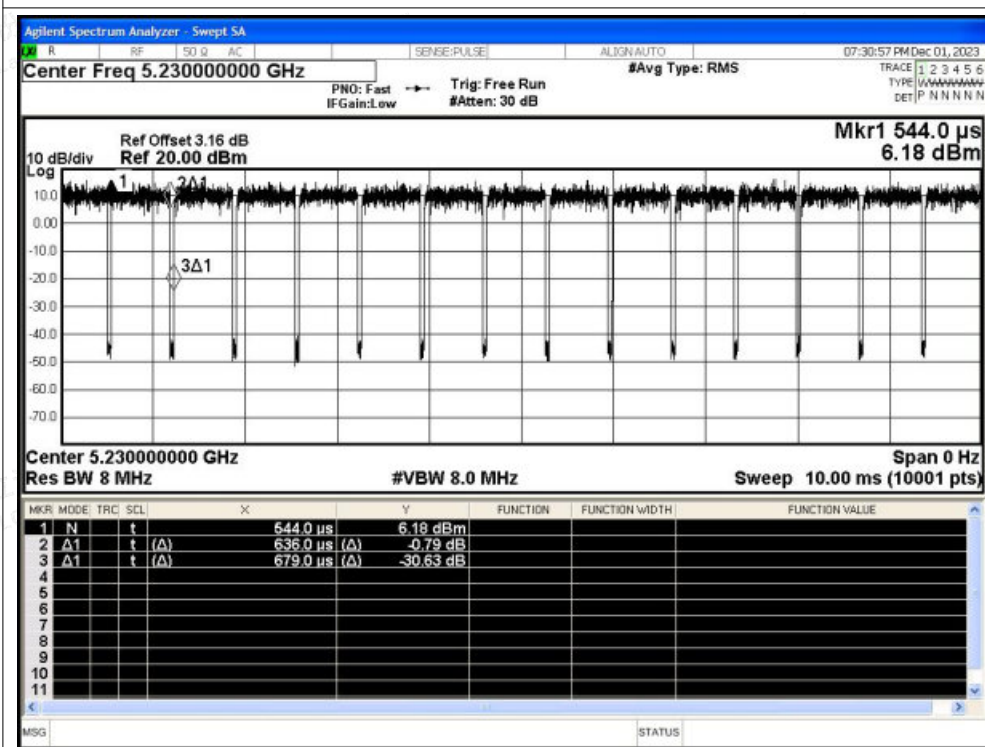




Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

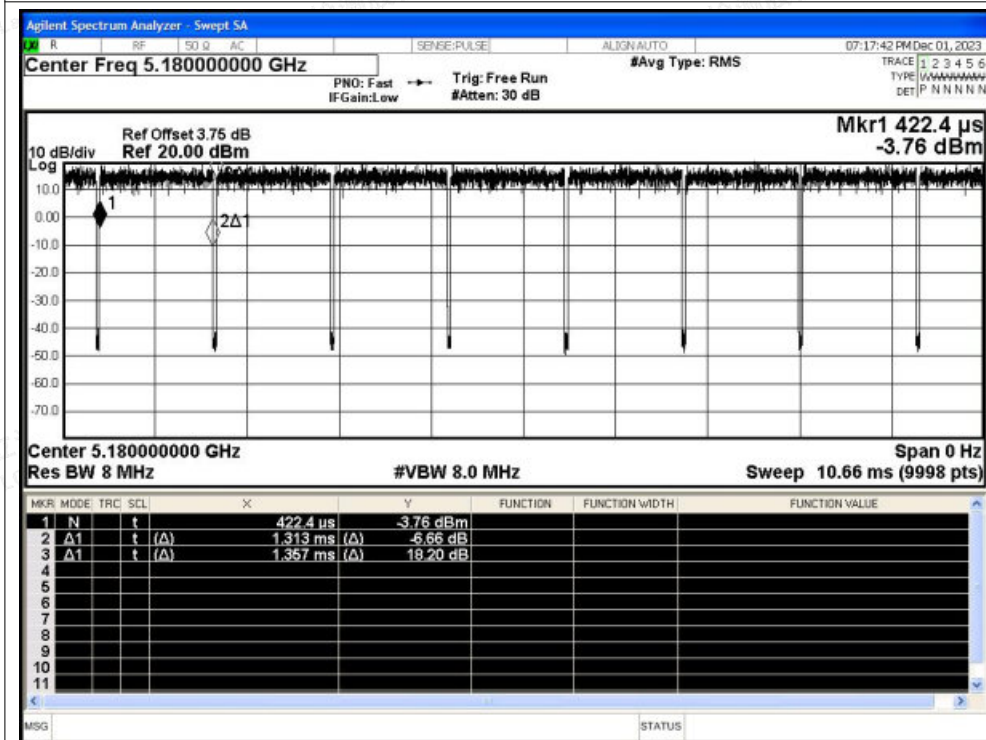
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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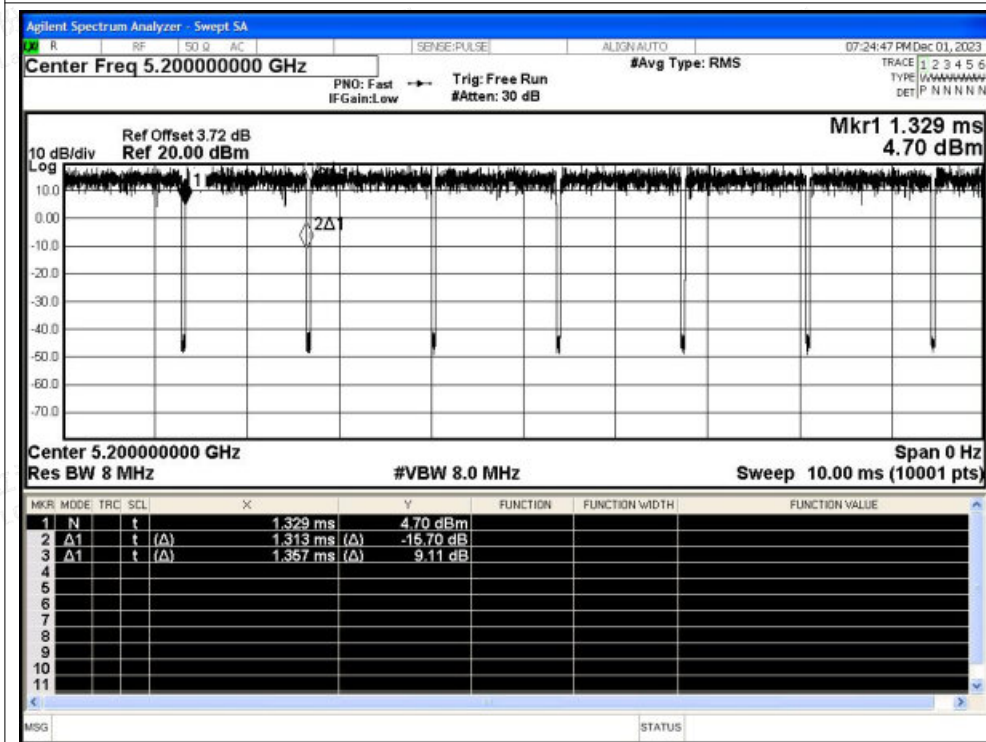
Scan code to check authenticity



Duty Cycle NVNT ac20 5180MHz Ant1



Duty Cycle NVNT ac20 5200MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

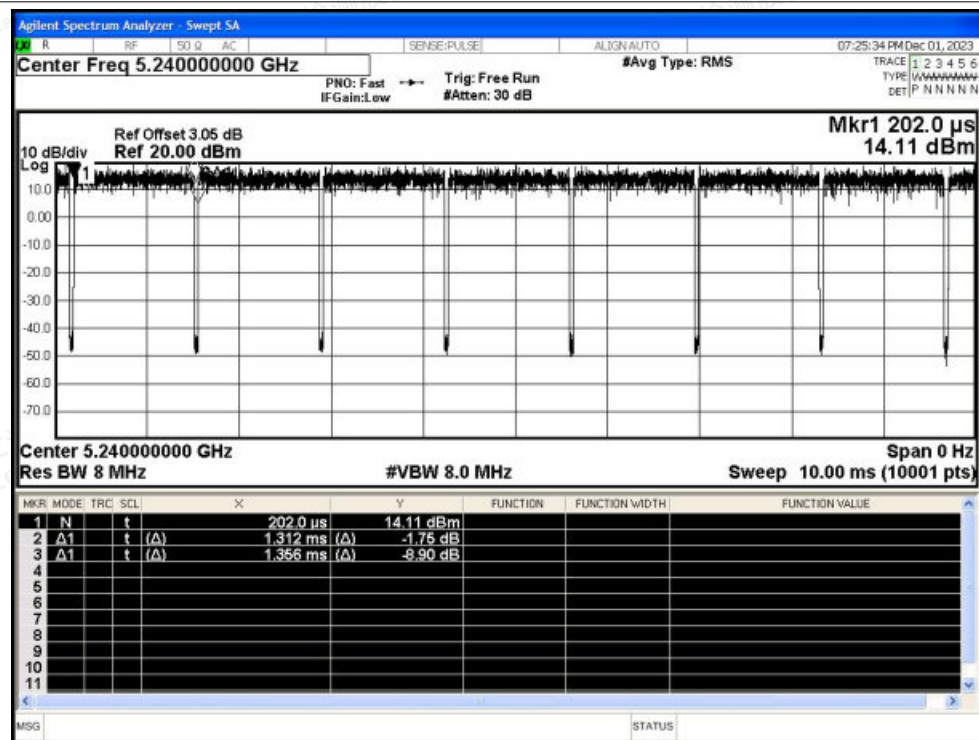
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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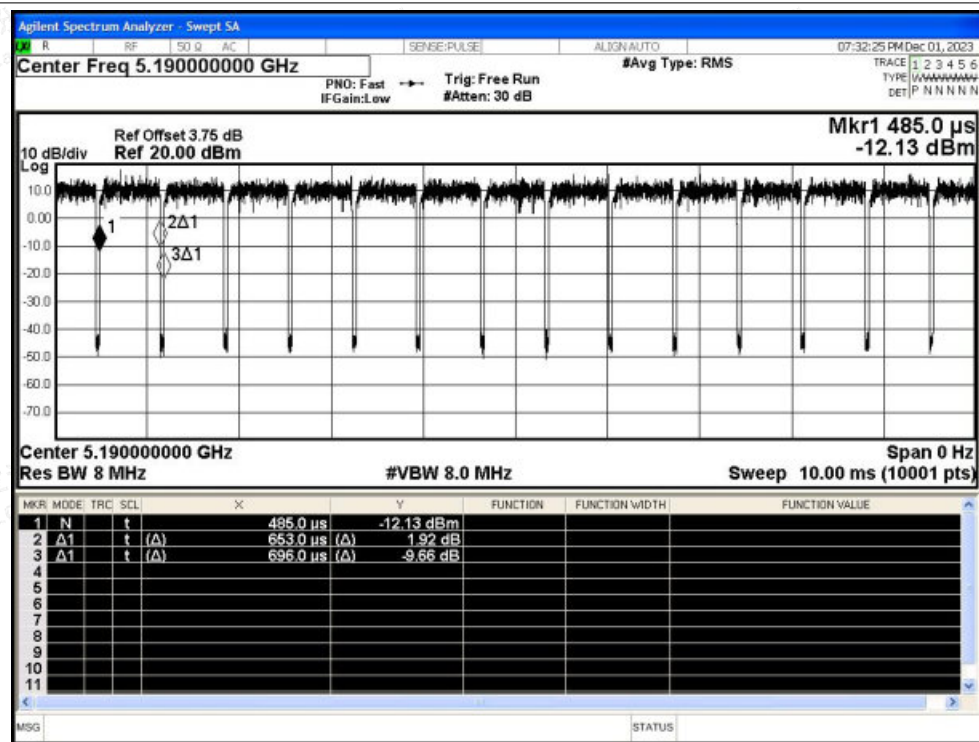
Scan code to check authenticity



Duty Cycle NVNT ac20 5240MHz Ant1



Duty Cycle NVNT ac40 5190MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

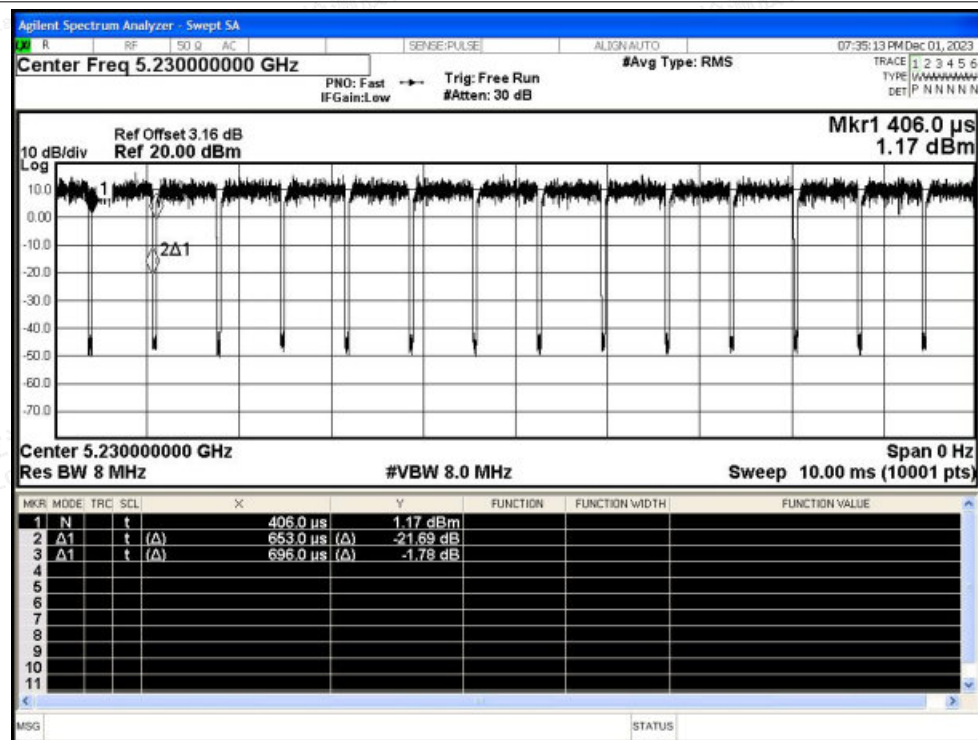
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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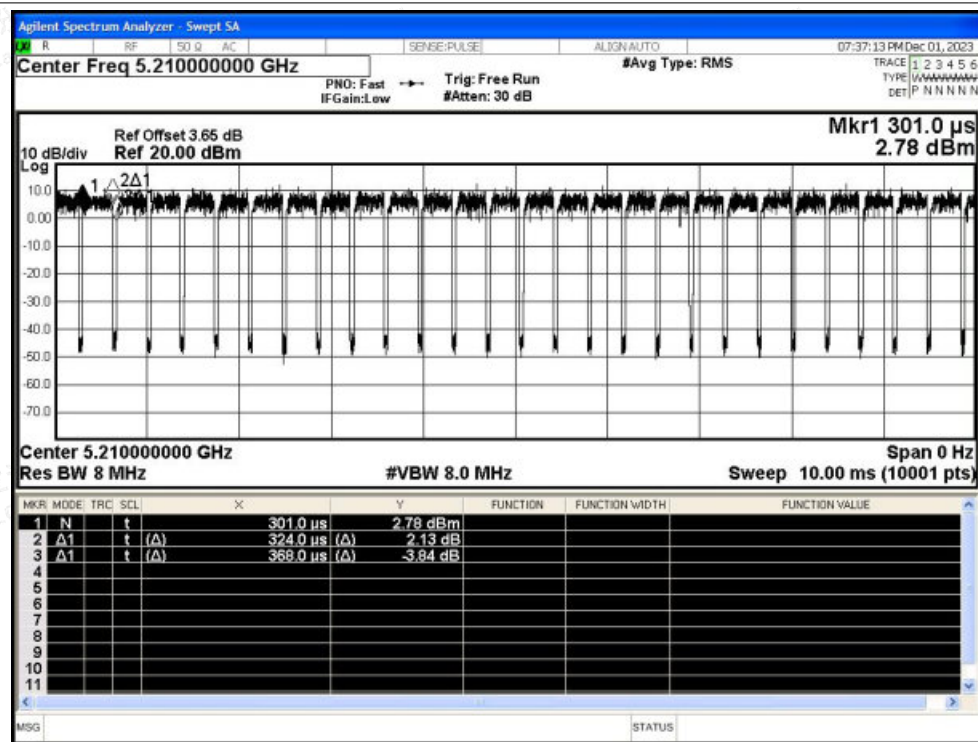
Scan code to check authenticity



Duty Cycle NVNT ac40 5230MHz Ant1



Duty Cycle NVNT ac80 5210MHz Ant1



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