



Appendix C

RF Test Data for 5.2GWIFI (Conducted Measurement)

Product Name: VIDEO PROJECTOR

Test Model: SHP-K4A

Environmental Conditions

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



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C.1 -26dB Bandwidth

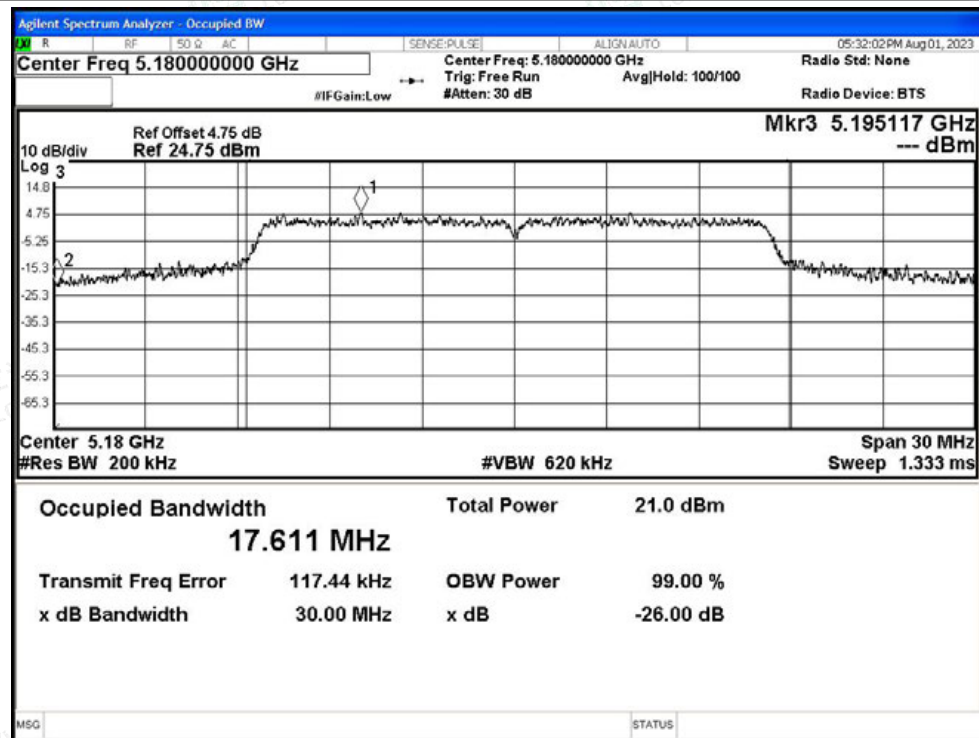
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant0	30	---	Pass
NVNT	a	5200	Ant0	30	---	Pass
NVNT	a	5240	Ant0	29.735	---	Pass
NVNT	n20	5180	Ant0	30	---	Pass
NVNT	n20	5200	Ant0	30	---	Pass
NVNT	n20	5240	Ant0	29.8	---	Pass
NVNT	n40	5190	Ant0	60	---	Pass
NVNT	n40	5230	Ant0	59.504	---	Pass
NVNT	ac20	5180	Ant0	30	---	Pass
NVNT	ac20	5200	Ant0	30	---	Pass
NVNT	ac20	5240	Ant0	29.834	---	Pass
NVNT	ac40	5190	Ant0	60	---	Pass
NVNT	ac40	5230	Ant0	48.213	---	Pass
NVNT	ac80	5210	Ant0	79.571	---	Pass



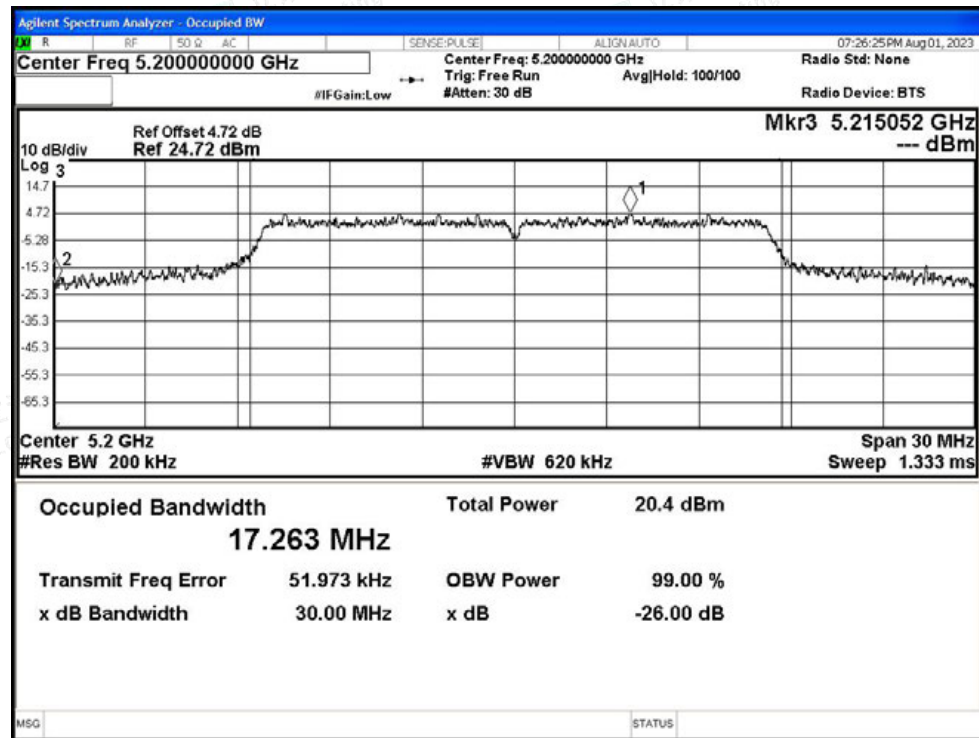


Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant0



-26dB Bandwidth NVNT a 5200MHz Ant0



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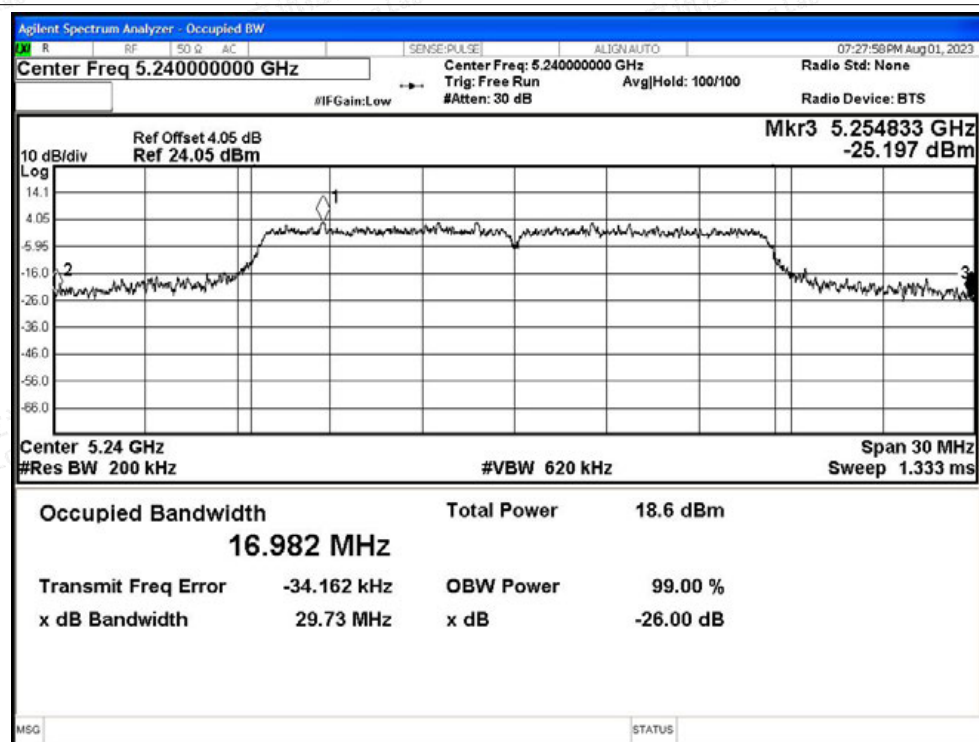
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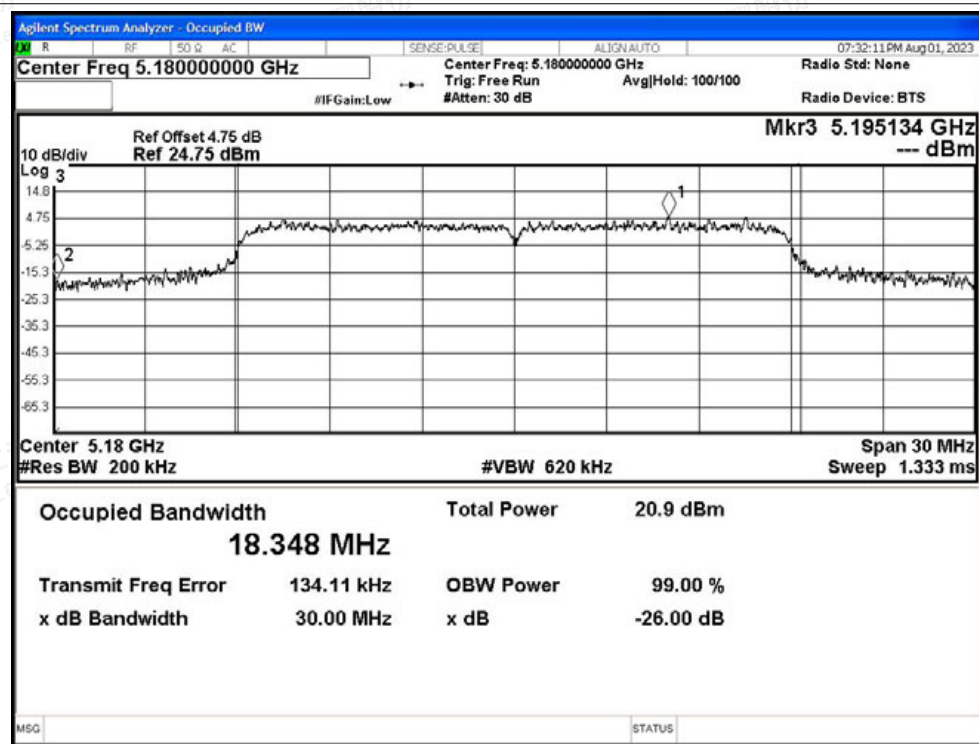
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-26dB Bandwidth NVNT a 5240MHz Ant0



-26dB Bandwidth NVNT n20 5180MHz Ant0



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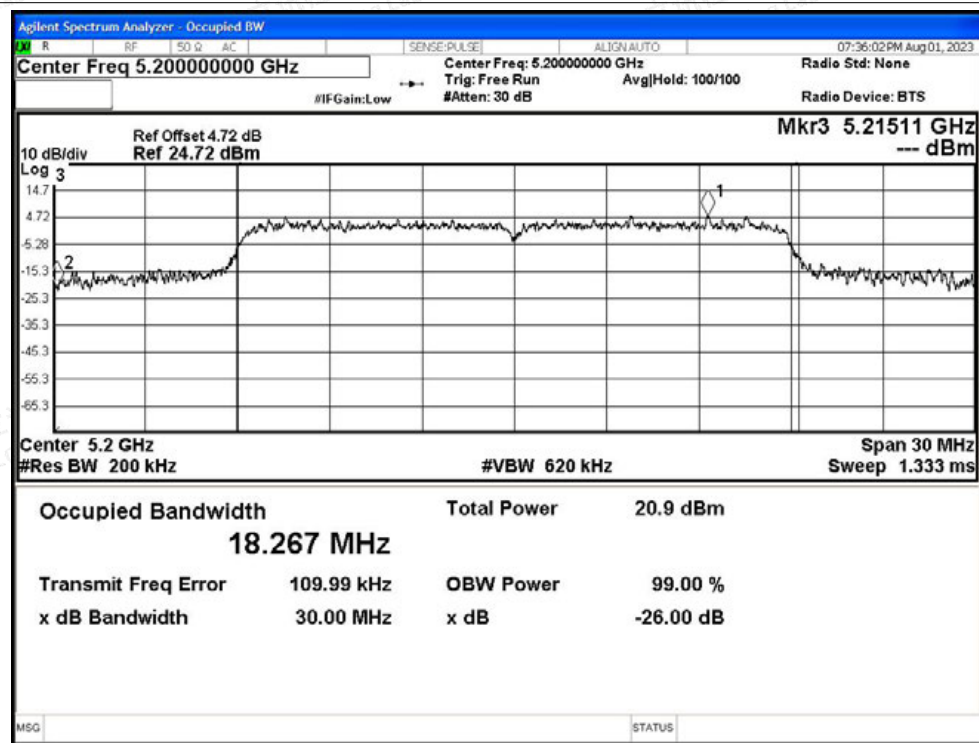
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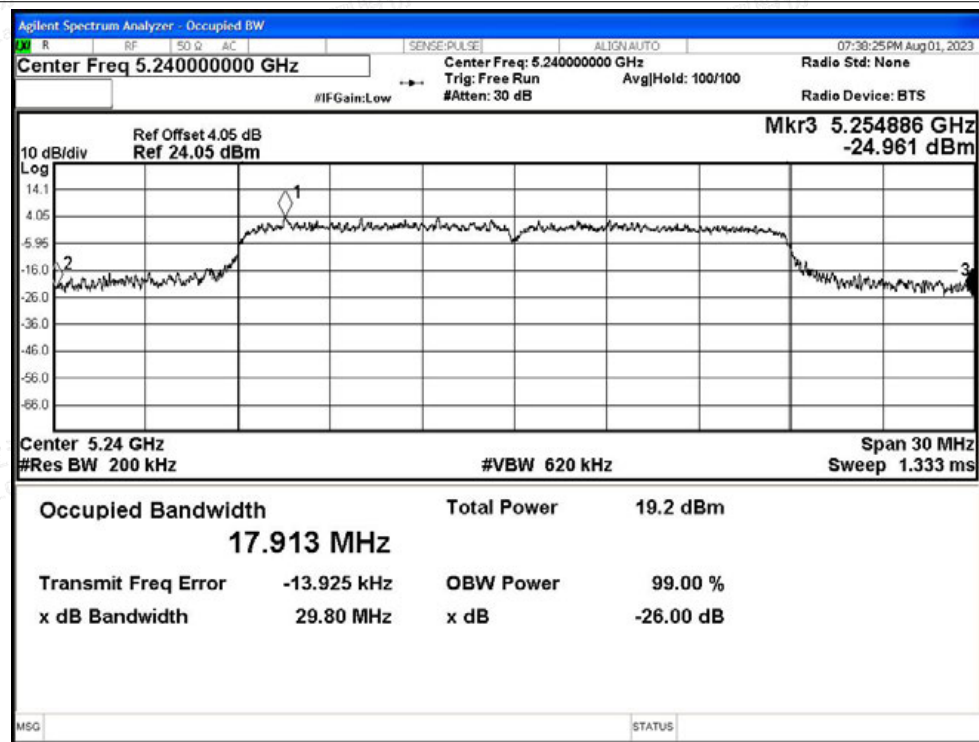
Scan code to check authenticity



-26dB Bandwidth NVNT n20 5200MHz Ant0



-26dB Bandwidth NVNT n20 5240MHz Ant0



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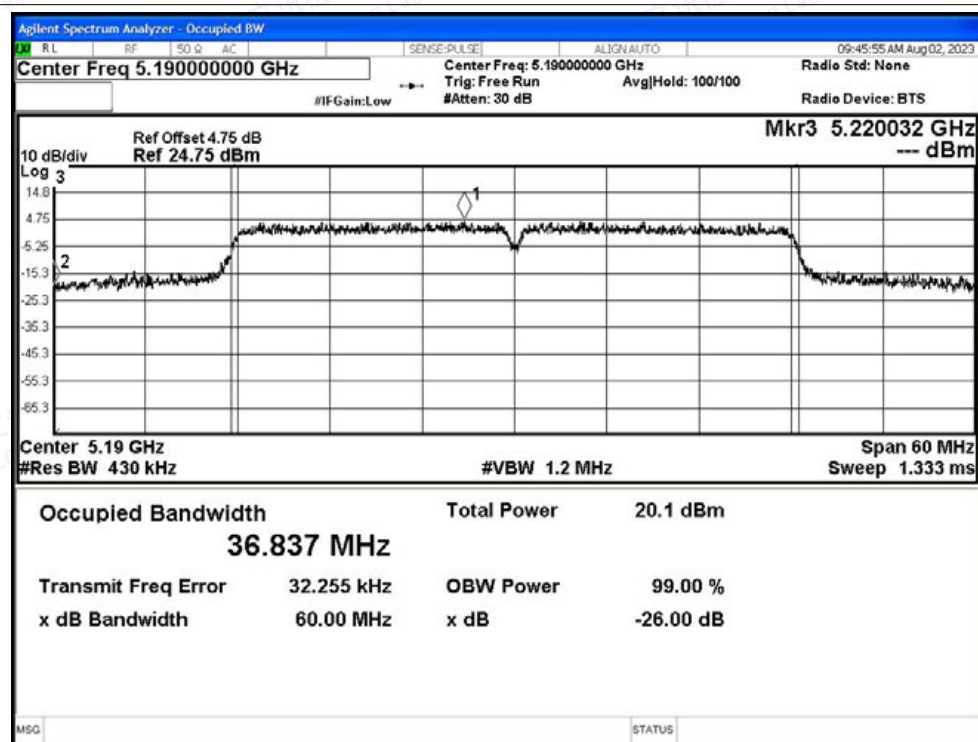
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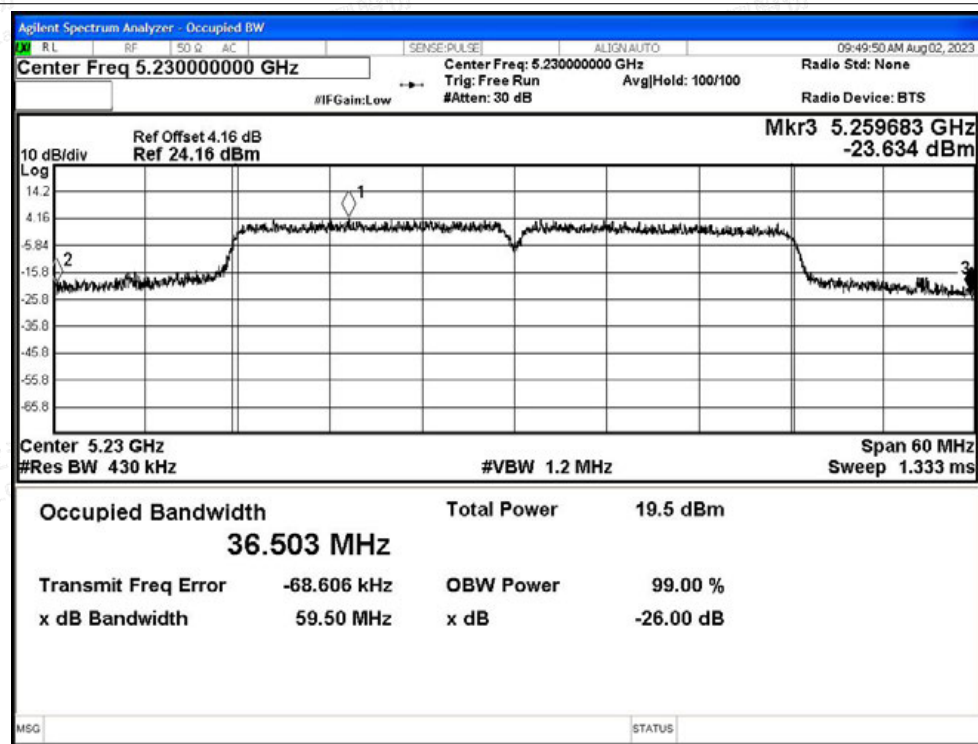
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-26dB Bandwidth NVNT n40 5190MHz Ant0



-26dB Bandwidth NVNT n40 5230MHz Ant0



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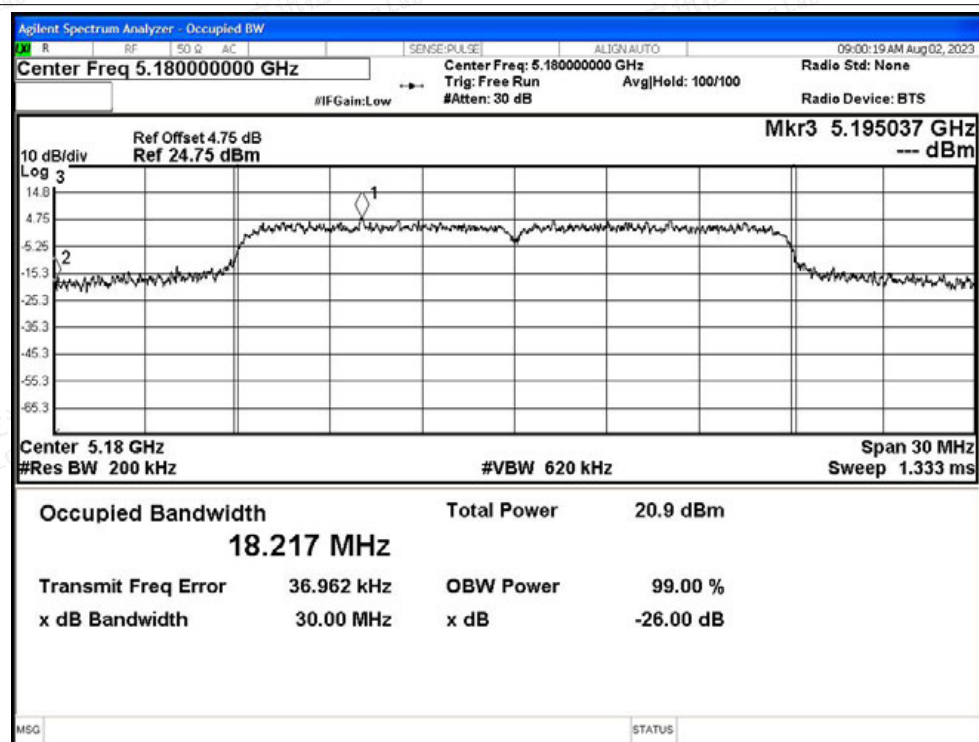
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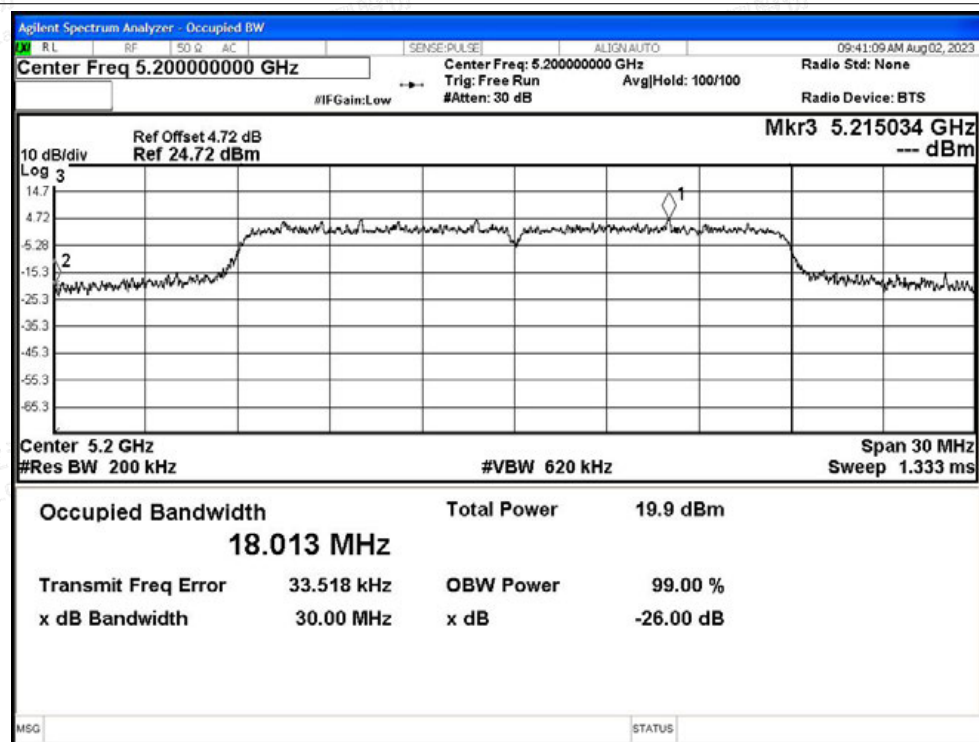
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-26dB Bandwidth NVNT ac20 5180MHz Ant0



-26dB Bandwidth NVNT ac20 5200MHz Ant0



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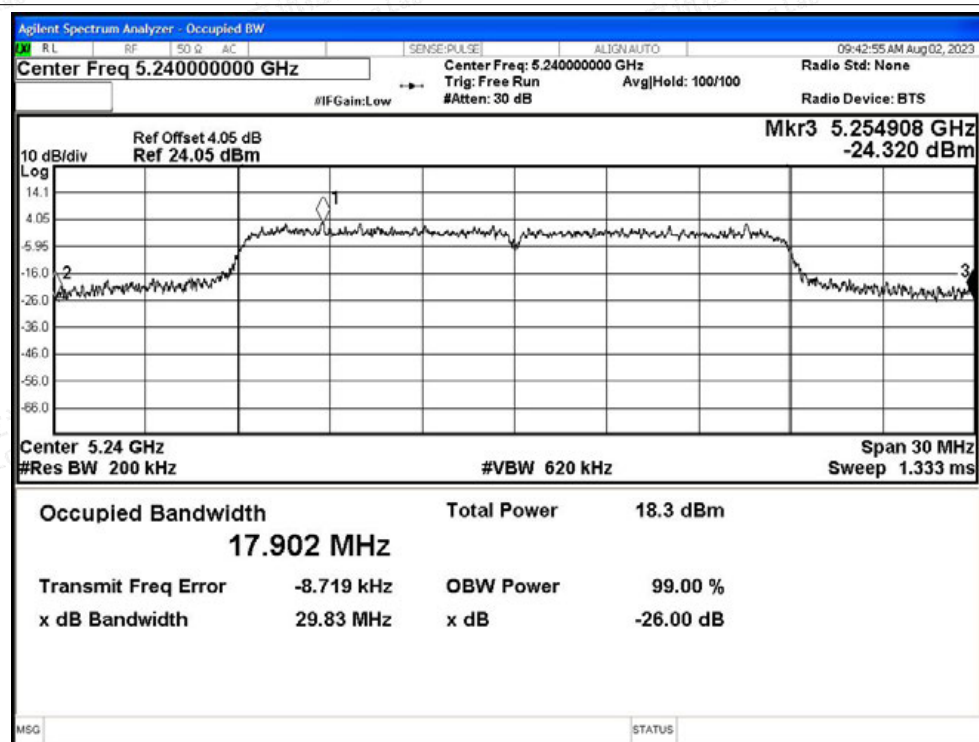
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

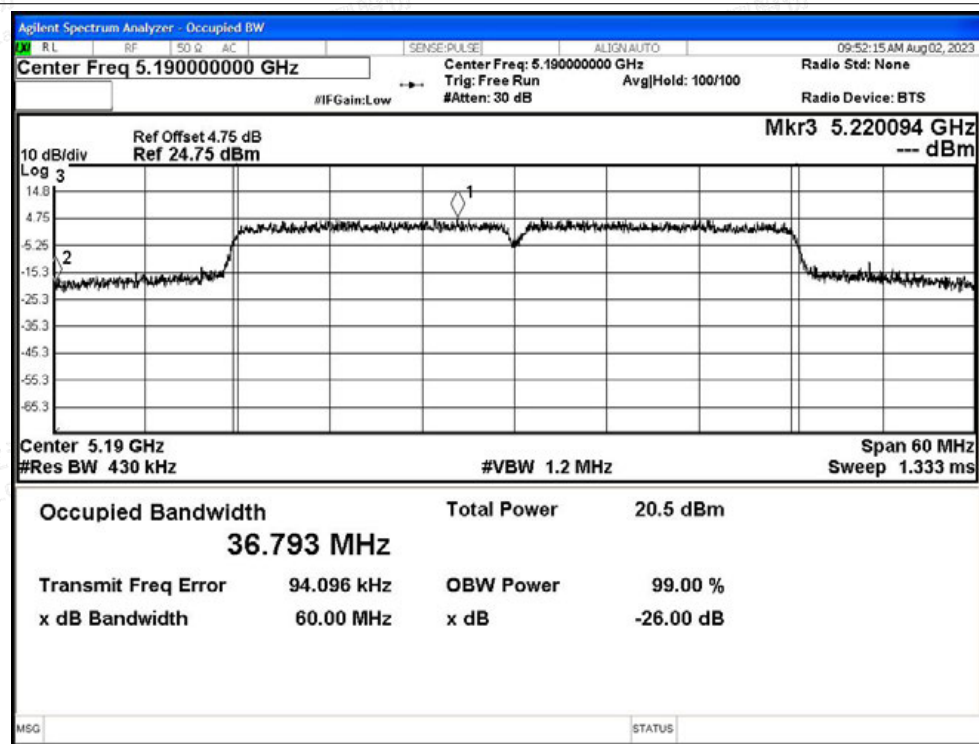
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-26dB Bandwidth NVNT ac20 5240MHz Ant0



-26dB Bandwidth NVNT ac40 5190MHz Ant0



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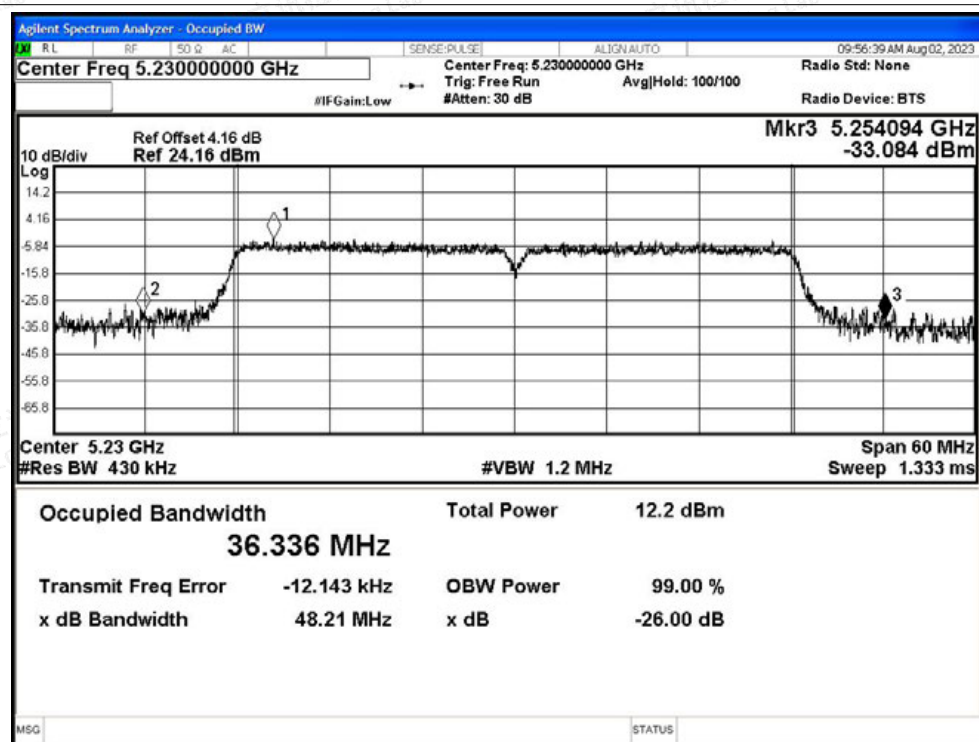
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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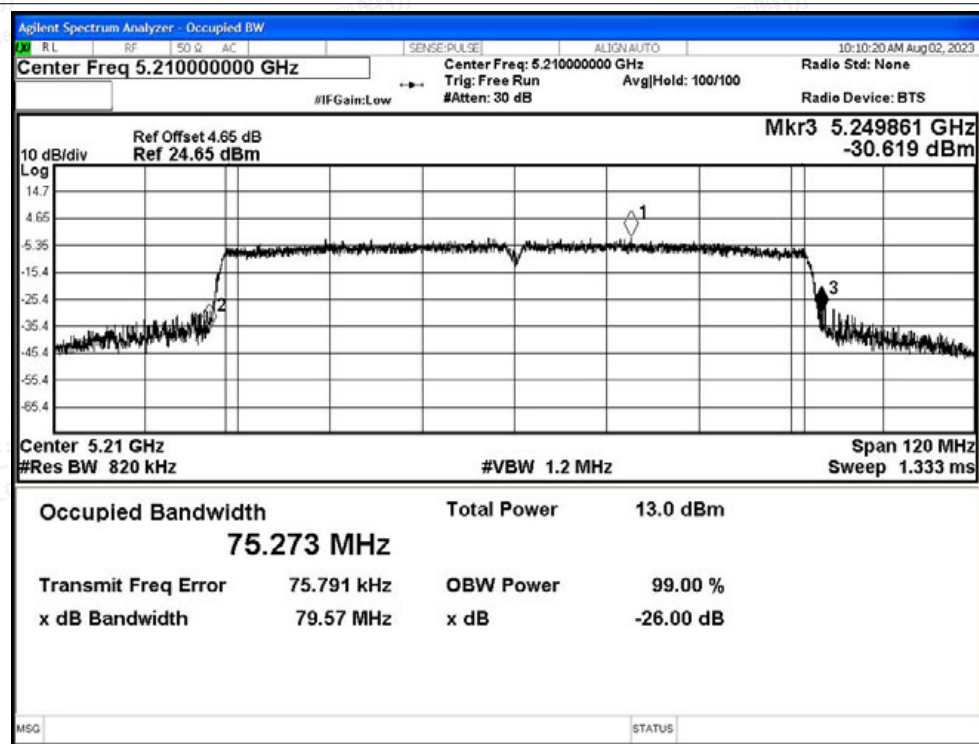
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-26dB Bandwidth NVNT ac40 5230MHz Ant0



-26dB Bandwidth NVNT ac80 5210MHz Ant0



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Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	20.89	---	Pass
NVNT	a	5200	Ant1	22.596	---	Pass
NVNT	a	5240	Ant1	24.743	---	Pass
NVNT	n20	5180	Ant1	24.361	---	Pass
NVNT	n20	5200	Ant1	19.394	---	Pass
NVNT	n20	5240	Ant1	25.215	---	Pass
NVNT	n40	5190	Ant1	44.799	---	Pass
NVNT	n40	5230	Ant1	41.608	---	Pass
NVNT	ac20	5180	Ant1	25.271	---	Pass
NVNT	ac20	5200	Ant1	21.641	---	Pass
NVNT	ac20	5240	Ant1	24.122	---	Pass
NVNT	ac40	5190	Ant1	40.984	---	Pass
NVNT	ac40	5230	Ant1	43.631	---	Pass
NVNT	ac80	5210	Ant1	84.931	---	Pass



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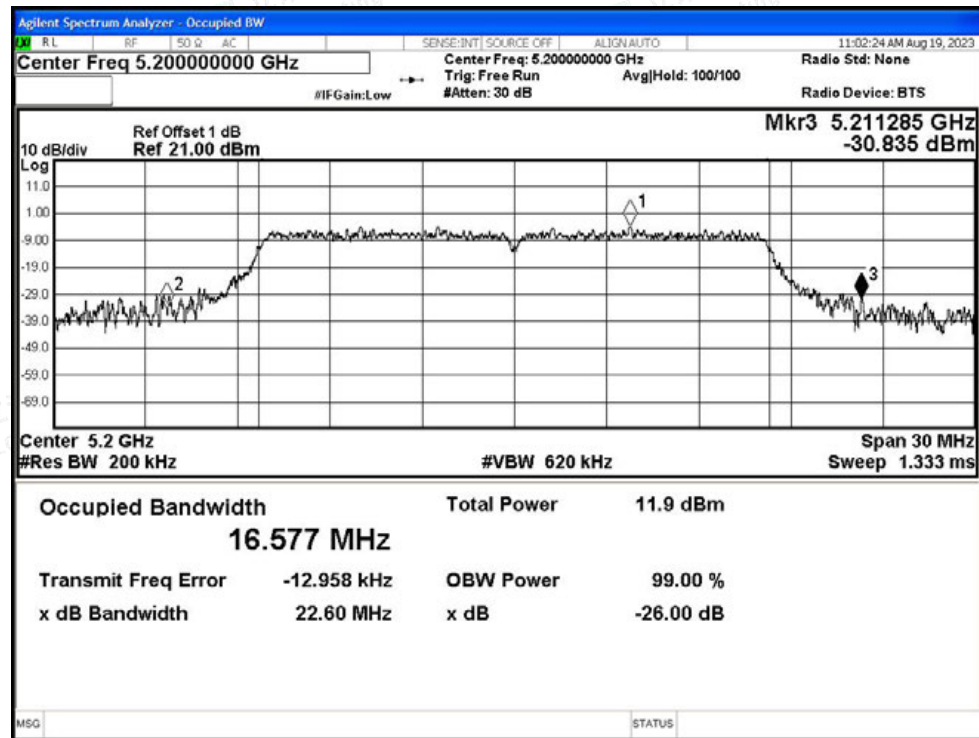


Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1



-26dB Bandwidth NVNT a 5200MHz Ant1



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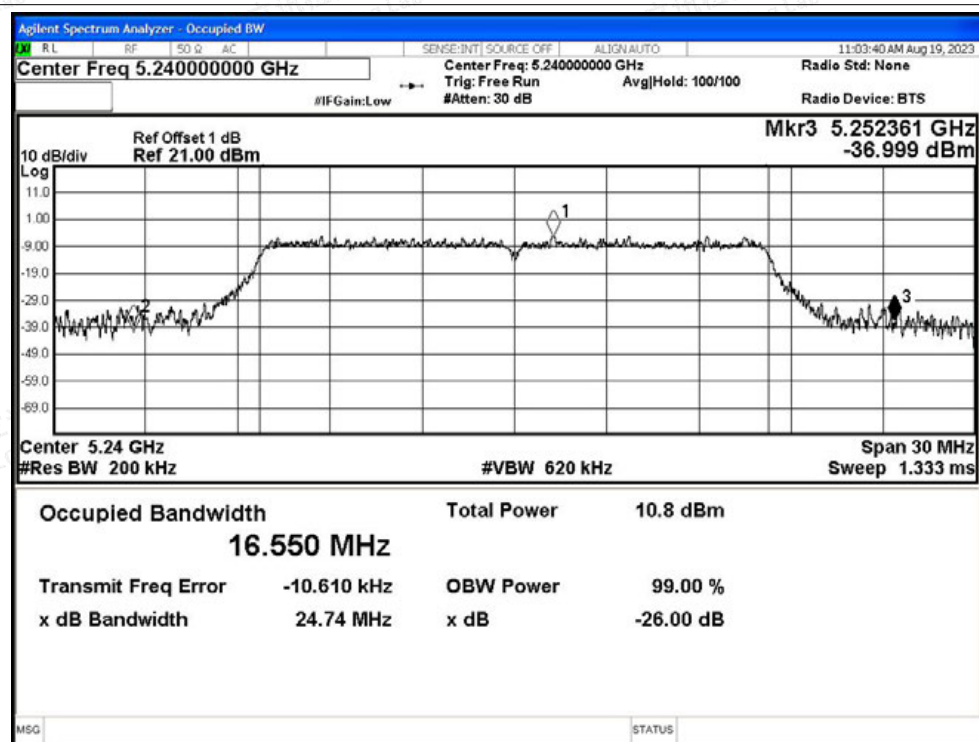
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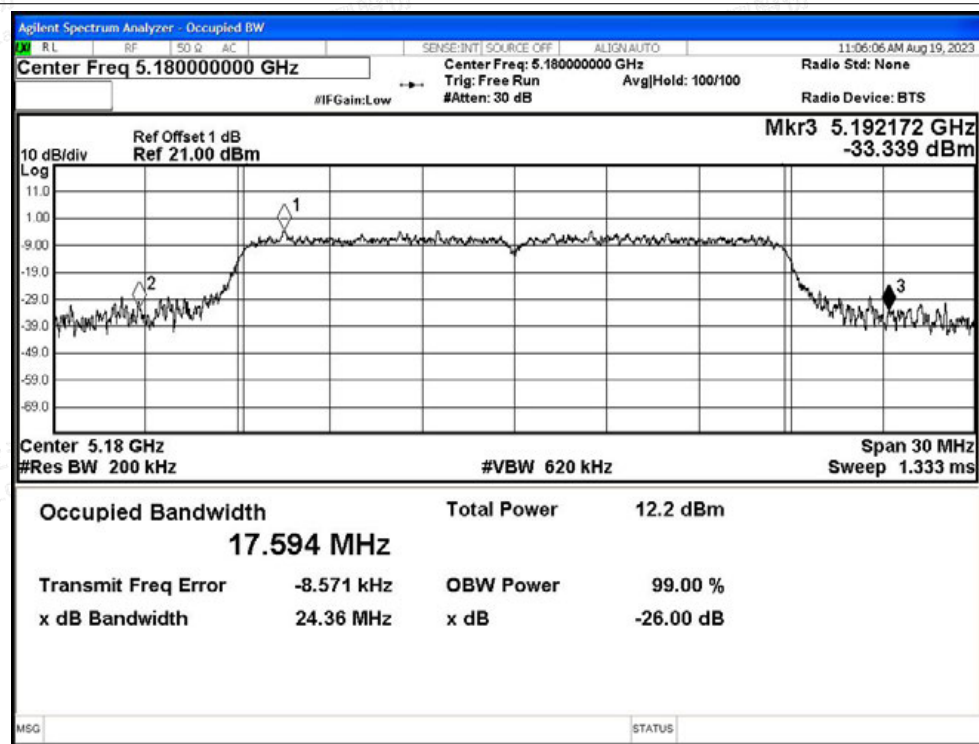
Scan code to check authenticity



-26dB Bandwidth NVNT a 5240MHz Ant1

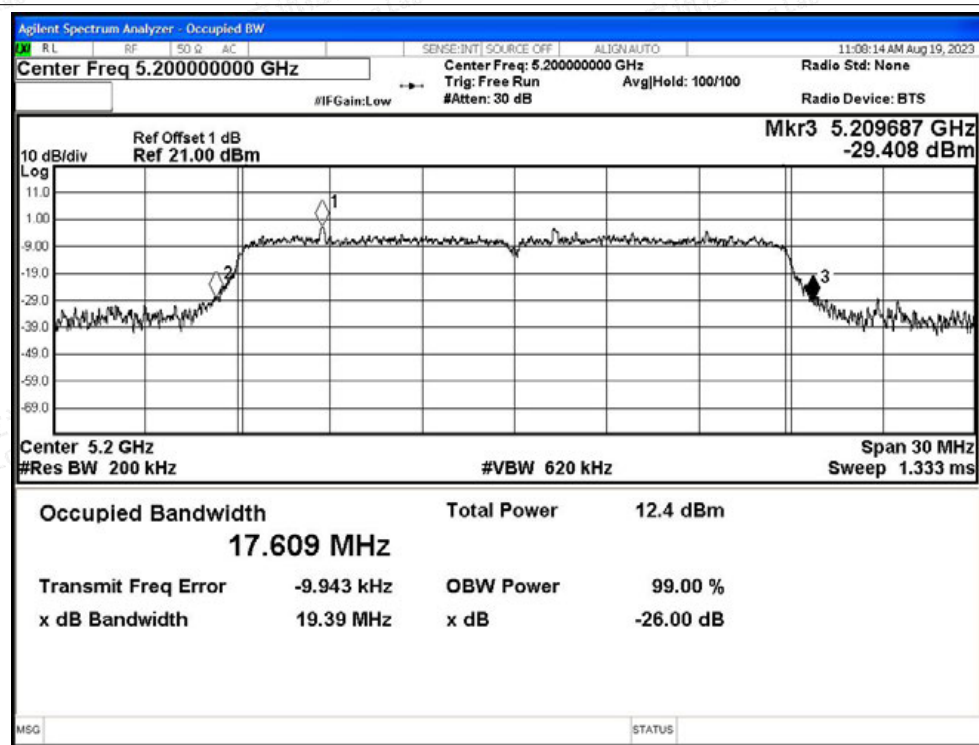


-26dB Bandwidth NVNT n20 5180MHz Ant1

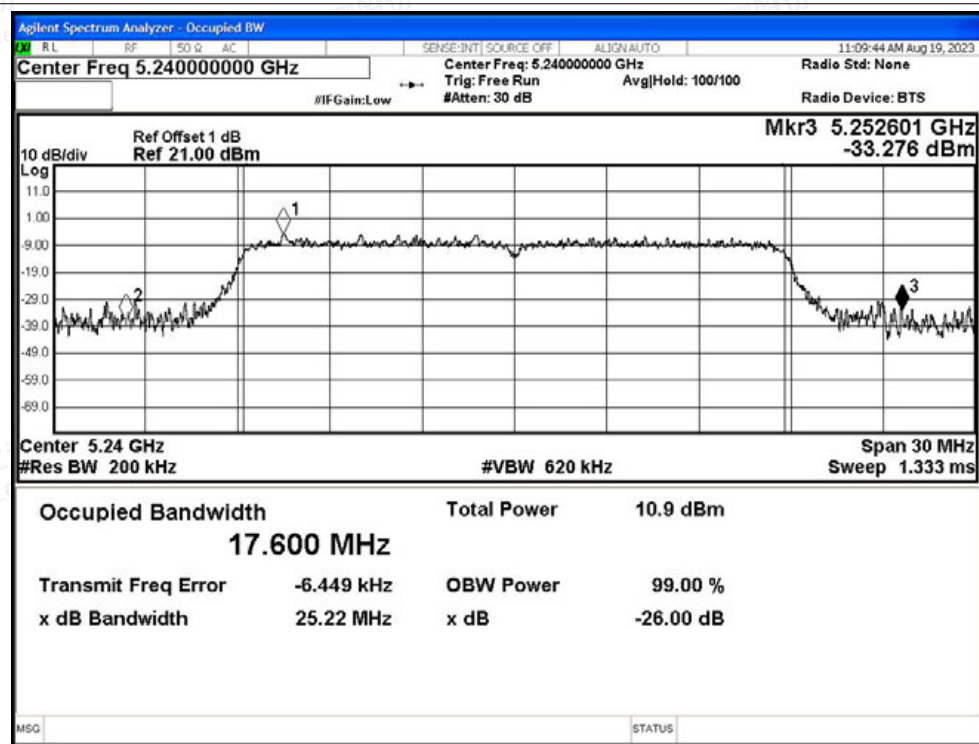




-26dB Bandwidth NVNT n20 5200MHz Ant1



-26dB Bandwidth NVNT n20 5240MHz Ant1



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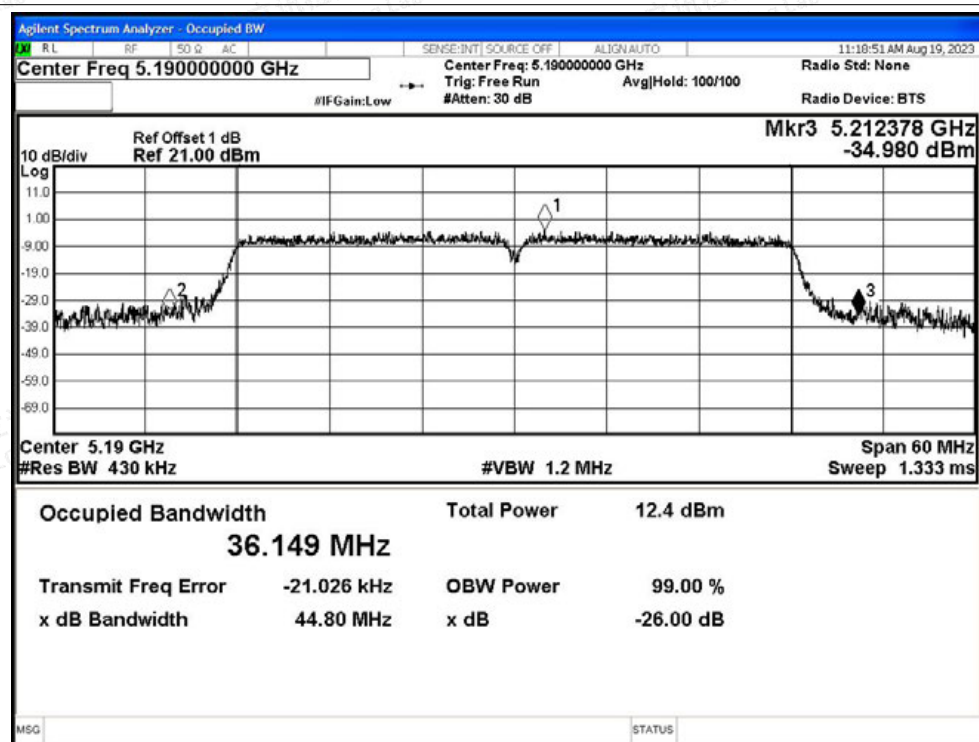
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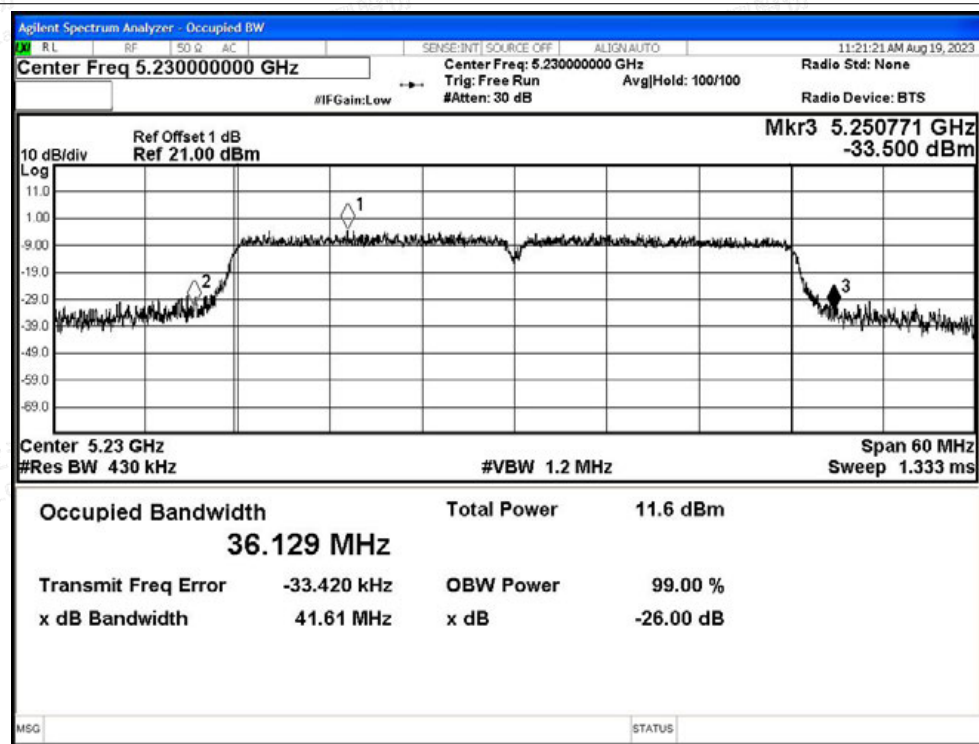
Scan code to check authenticity



-26dB Bandwidth NVNT n40 5190MHz Ant1

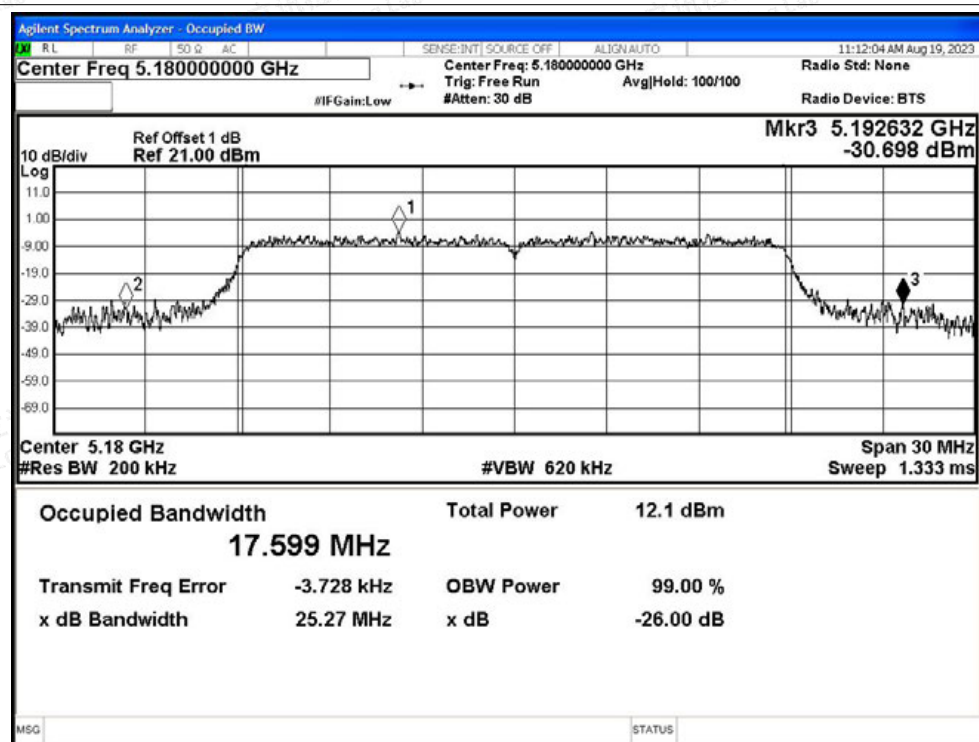


-26dB Bandwidth NVNT n40 5230MHz Ant1

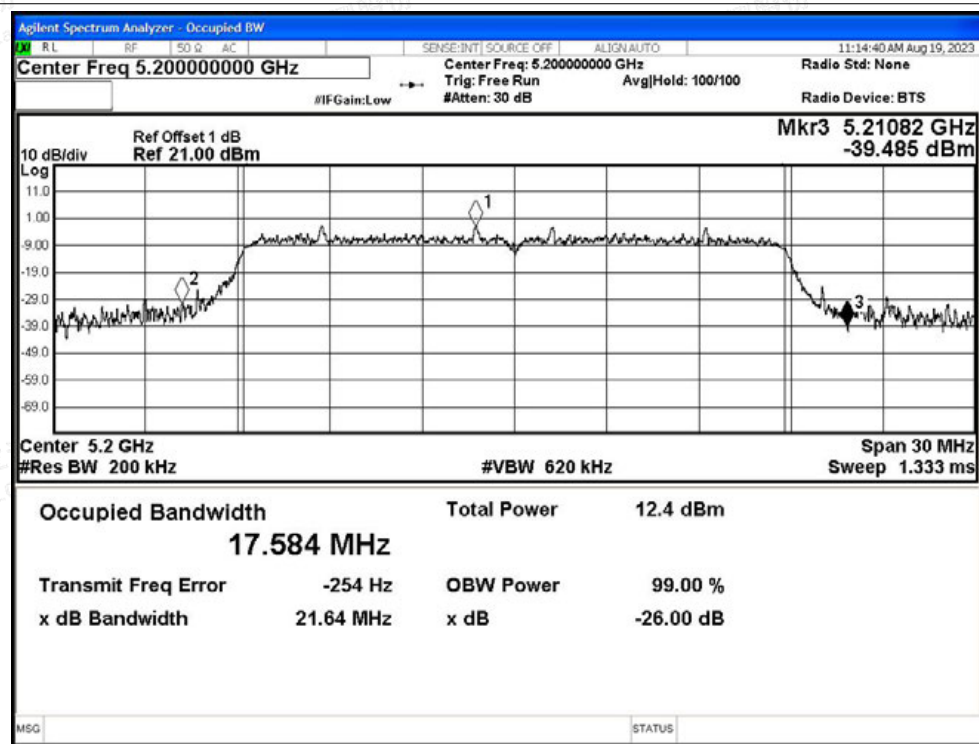




-26dB Bandwidth NVNT ac20 5180MHz Ant1



-26dB Bandwidth NVNT ac20 5200MHz Ant1



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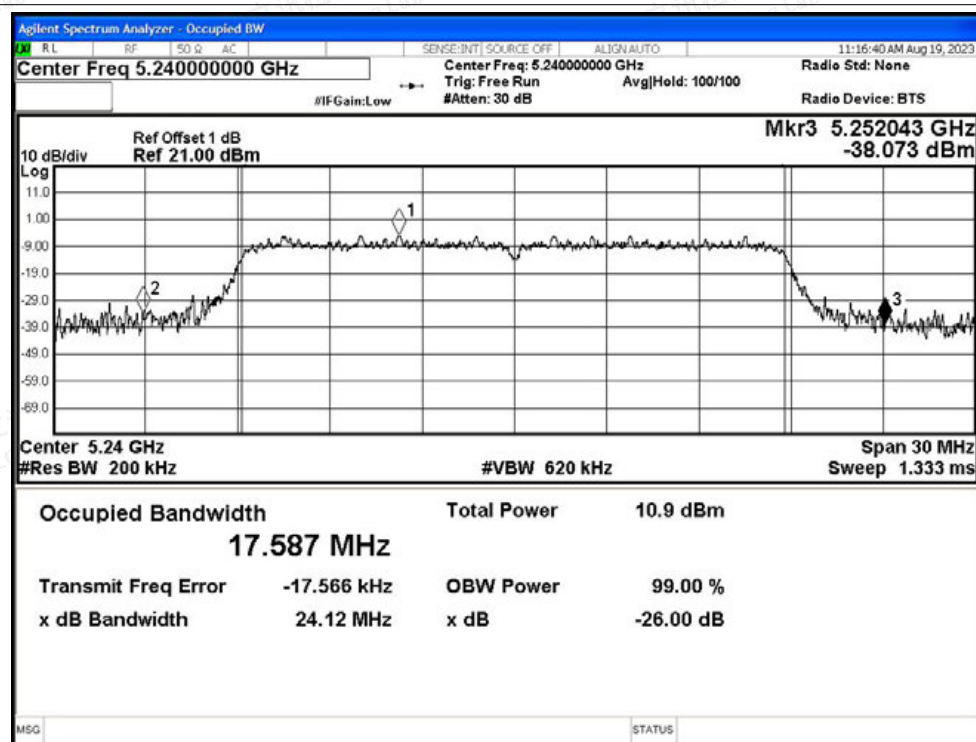
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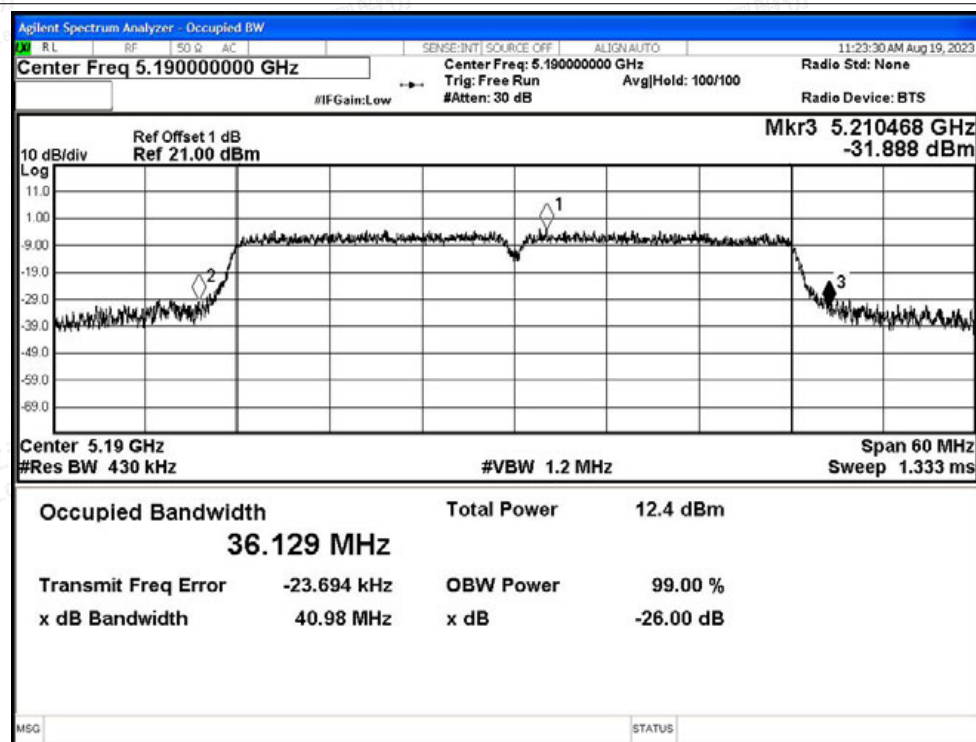
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-26dB Bandwidth NVNT ac20 5240MHz Ant1

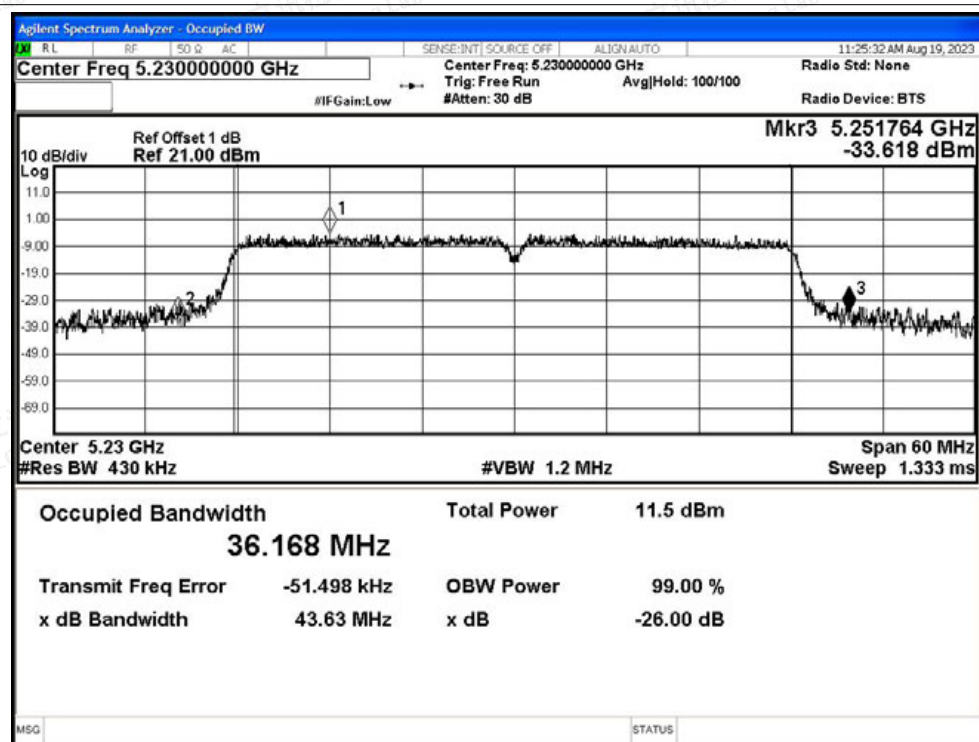


-26dB Bandwidth NVNT ac40 5190MHz Ant1

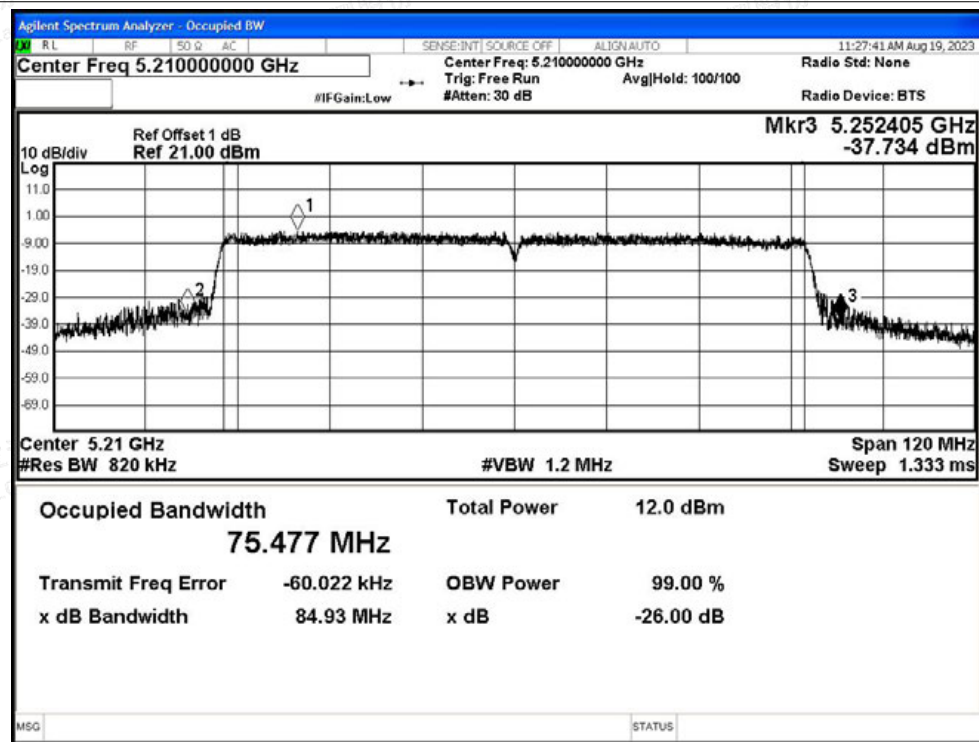




-26dB Bandwidth NVNT ac40 5230MHz Ant1



-26dB Bandwidth NVNT ac80 5210MHz Ant1



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C.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant0	15.02	0.56	15.58	24	Pass
NVNT	a	5200	Ant0	14.11	0.51	14.62	24	Pass
NVNT	a	5240	Ant0	12.26	0.51	12.77	24	Pass
NVNT	n20	5180	Ant0	14.79	0.6	15.39	24	Pass
NVNT	n20	5200	Ant0	14.66	0.6	15.26	24	Pass
NVNT	n20	5240	Ant0	13.05	0.57	13.62	24	Pass
NVNT	n40	5190	Ant0	13.33	1.23	14.56	24	Pass
NVNT	n40	5230	Ant0	12.65	1.13	13.78	24	Pass
NVNT	ac20	5180	Ant0	14.59	0.6	15.19	24	Pass
NVNT	ac20	5200	Ant0	13.67	0.6	14.27	24	Pass
NVNT	ac20	5240	Ant0	12.08	0.6	12.68	24	Pass
NVNT	ac40	5190	Ant0	13.75	1.12	14.87	24	Pass
NVNT	ac40	5230	Ant0	12.62	1.06	13.68	24	Pass
NVNT	ac80	5210	Ant0	12.24	2.01	14.25	24	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	12.15	0.51	12.66	24	Pass
NVNT	a	5200	Ant1	11.81	0.49	12.3	24	Pass
NVNT	a	5240	Ant1	10.94	0.51	11.45	24	Pass
NVNT	n20	5180	Ant1	12.11	0.57	12.68	24	Pass
NVNT	n20	5200	Ant1	11.44	0.57	12.01	24	Pass
NVNT	n20	5240	Ant1	10.58	0.6	11.18	24	Pass
NVNT	n40	5190	Ant1	11.31	1.13	12.44	24	Pass
NVNT	n40	5230	Ant1	10.57	1.13	11.7	24	Pass
NVNT	ac20	5180	Ant1	12.05	0.63	12.68	24	Pass
NVNT	ac20	5200	Ant1	11.89	0.6	12.49	24	Pass
NVNT	ac20	5240	Ant1	10.89	0.65	11.54	24	Pass
NVNT	ac40	5190	Ant1	11.43	1.23	12.66	24	Pass
NVNT	ac40	5230	Ant1	10.44	1.12	11.56	24	Pass
NVNT	ac80	5210	Ant1	10.43	2.18	12.61	24	Pass





MIMO

Condition	Mode	Frequency (MHz)	Total Power (dBm)			Limit (dBm)	Verdict
			Ant0	Ant1	Ant0+Ant1		
NVNT	n20	5180	15.39	12.68	17.25	24	Pass
NVNT	n20	5200	15.26	12.01	16.94	24	Pass
NVNT	n20	5240	13.62	11.18	15.58	24	Pass
NVNT	n40	5190	14.56	12.44	16.64	24	Pass
NVNT	n40	5230	13.78	11.7	15.87	24	Pass
NVNT	ac20	5180	15.19	12.68	17.12	24	Pass
NVNT	ac20	5200	14.27	12.49	16.48	24	Pass
NVNT	ac20	5240	12.68	11.54	15.16	24	Pass
NVNT	ac40	5190	14.87	12.66	16.91	24	Pass
NVNT	ac40	5230	13.68	11.56	15.76	24	Pass
NVNT	ac80	5210	14.25	12.61	16.52	24	Pass



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C.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	Ant0	3.61	0.56	4.17	11	Pass
NVNT	a	5200	Ant0	3.54	0.51	4.05	11	Pass
NVNT	a	5240	Ant0	1.89	0.51	2.4	11	Pass
NVNT	n20	5180	Ant0	4.57	0.6	5.17	11	Pass
NVNT	n20	5200	Ant0	3.91	0.6	4.51	11	Pass
NVNT	n20	5240	Ant0	2.65	0.57	3.22	11	Pass
NVNT	n40	5190	Ant0	-0.05	1.23	1.18	11	Pass
NVNT	n40	5230	Ant0	-0.63	1.13	0.5	11	Pass
NVNT	ac20	5180	Ant0	4.18	0.6	4.78	11	Pass
NVNT	ac20	5200	Ant0	2.98	0.6	3.58	11	Pass
NVNT	ac20	5240	Ant0	1.71	0.6	2.31	11	Pass
NVNT	ac40	5190	Ant0	0.28	1.12	1.4	11	Pass
NVNT	ac40	5230	Ant0	-0.64	1.06	0.42	11	Pass
NVNT	ac80	5210	Ant0	-3.82	2.01	-1.81	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	Ant1	-9.1	0.51	-8.59	11	Pass
NVNT	a	5200	Ant1	-9.72	0.49	-9.23	11	Pass
NVNT	a	5240	Ant1	-12.27	0.51	-11.76	11	Pass
NVNT	n20	5180	Ant1	-11.16	0.57	-10.59	11	Pass
NVNT	n20	5200	Ant1	-9.72	0.57	-9.15	11	Pass
NVNT	n20	5240	Ant1	-13.13	0.6	-12.53	11	Pass
NVNT	n40	5190	Ant1	-17.48	1.13	-16.35	11	Pass
NVNT	n40	5230	Ant1	-19.33	1.13	-18.2	11	Pass
NVNT	ac20	5180	Ant1	-10.65	0.63	-10.02	11	Pass
NVNT	ac20	5200	Ant1	-10.22	0.6	-9.62	11	Pass
NVNT	ac20	5240	Ant1	-11.46	0.65	-10.81	11	Pass
NVNT	ac40	5190	Ant1	-16.91	1.23	-15.68	11	Pass
NVNT	ac40	5230	Ant1	-17.24	1.12	-16.12	11	Pass
NVNT	ac80	5210	Ant1	-27.47	2.18	-25.29	11	Pass





MIMO

Condition	Mode	Frequency (MHz)	Total PSD (dBm/MHz)			Limit (dBm/MHz)	Verdict
			Ant0	Ant1	Ant0+Ant1		
NVNT	n20	5180	5.17	-10.56	5.28	11	Pass
NVNT	n20	5200	4.51	-9.12	4.69	11	Pass
NVNT	n20	5240	3.22	-12.53	3.33	11	Pass
NVNT	n40	5190	1.18	-15.95	1.26	11	Pass
NVNT	n40	5230	0.5	-18.25	0.56	11	Pass
NVNT	ac20	5180	4.78	-10.05	4.92	11	Pass
NVNT	ac20	5200	3.58	-9.62	3.78	11	Pass
NVNT	ac20	5240	2.31	-10.86	2.51	11	Pass
NVNT	ac40	5190	1.4	-15.4	1.49	11	Pass
NVNT	ac40	5230	0.42	-16.13	0.52	11	Pass
NVNT	ac80	5210	-1.81	-25.53	-1.79	11	Pass

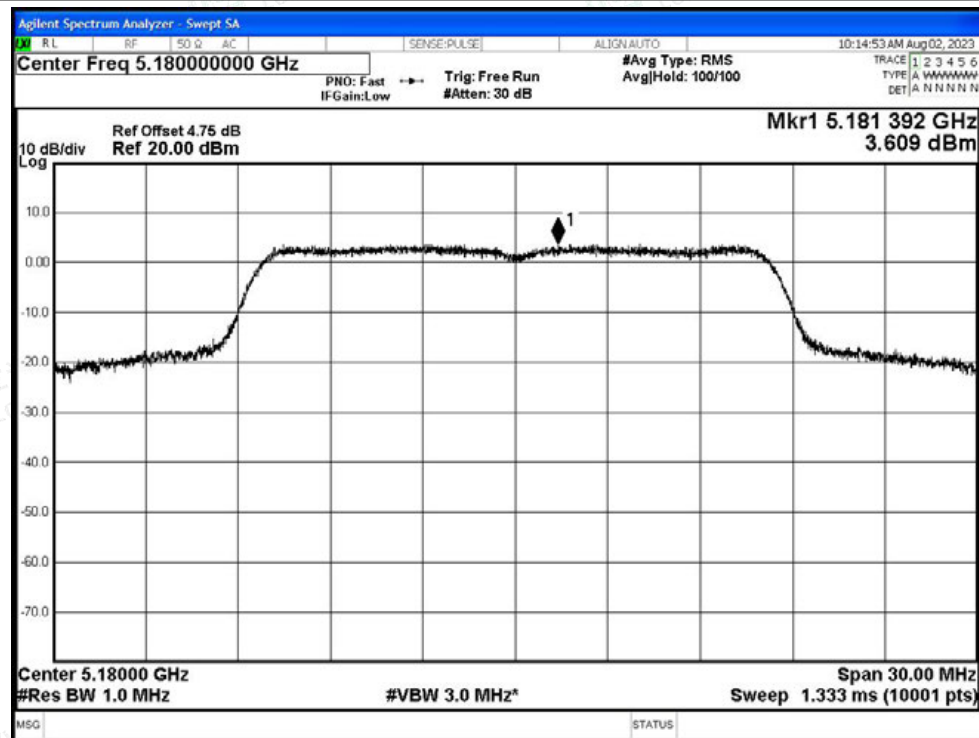


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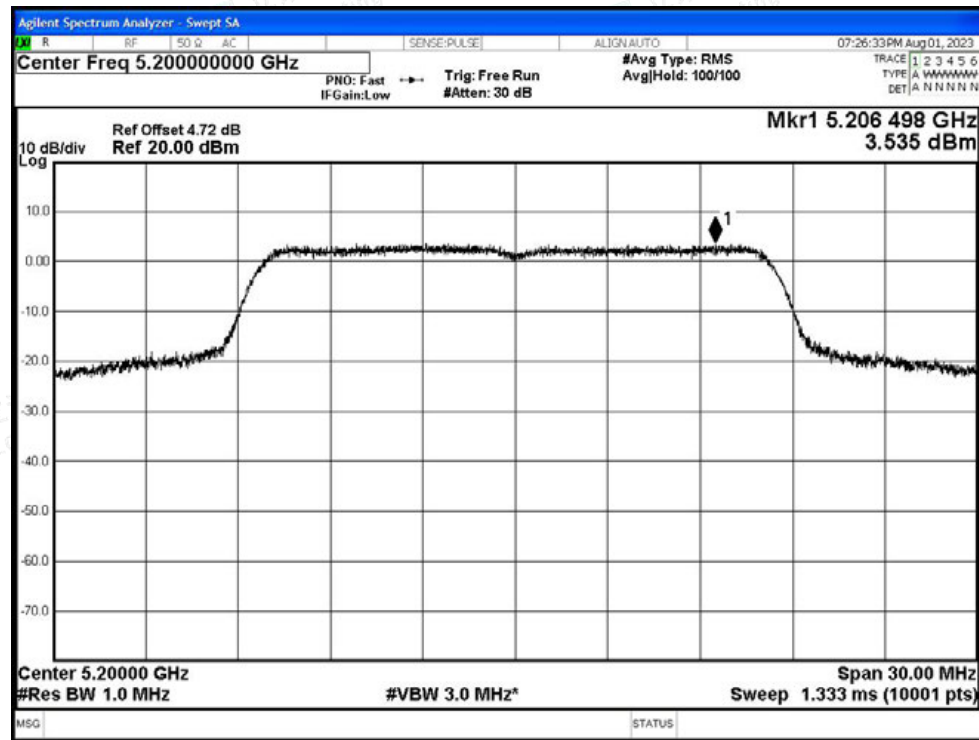


Test Graphs

PSD NVNT a 5180MHz Ant0

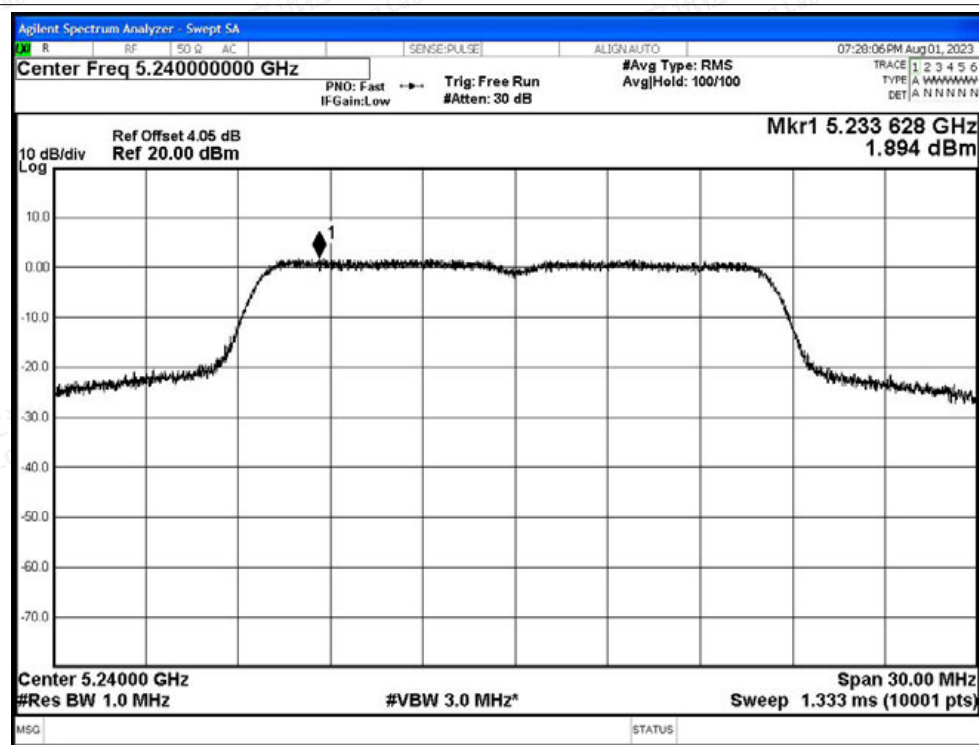


PSD NVNT a 5200MHz Ant0

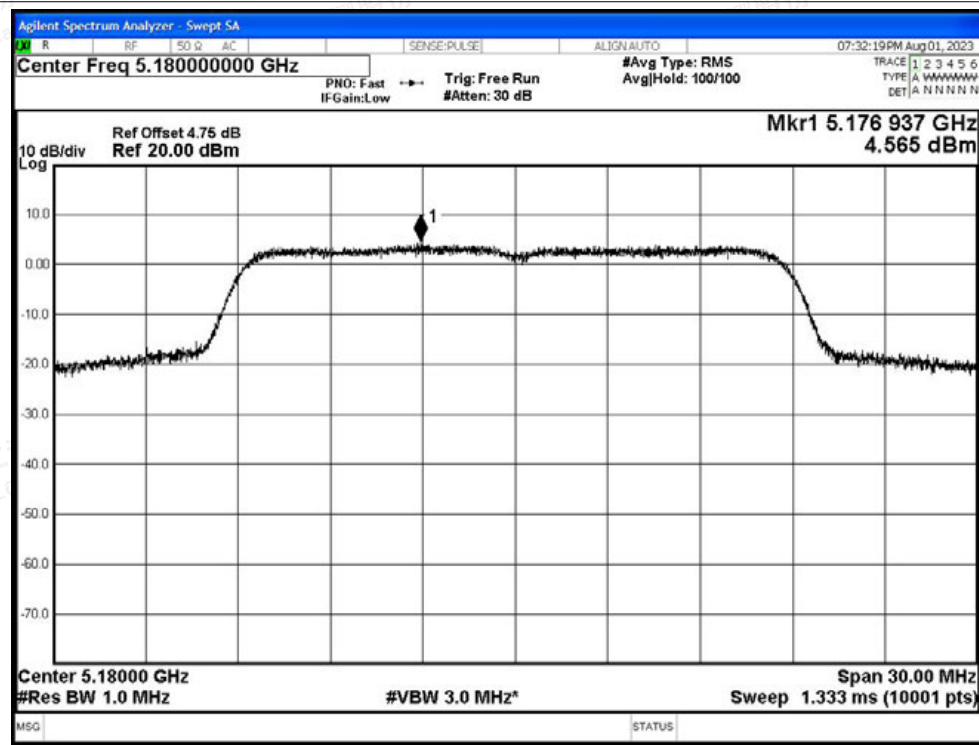




PSD NVNT a 5240MHz Ant0

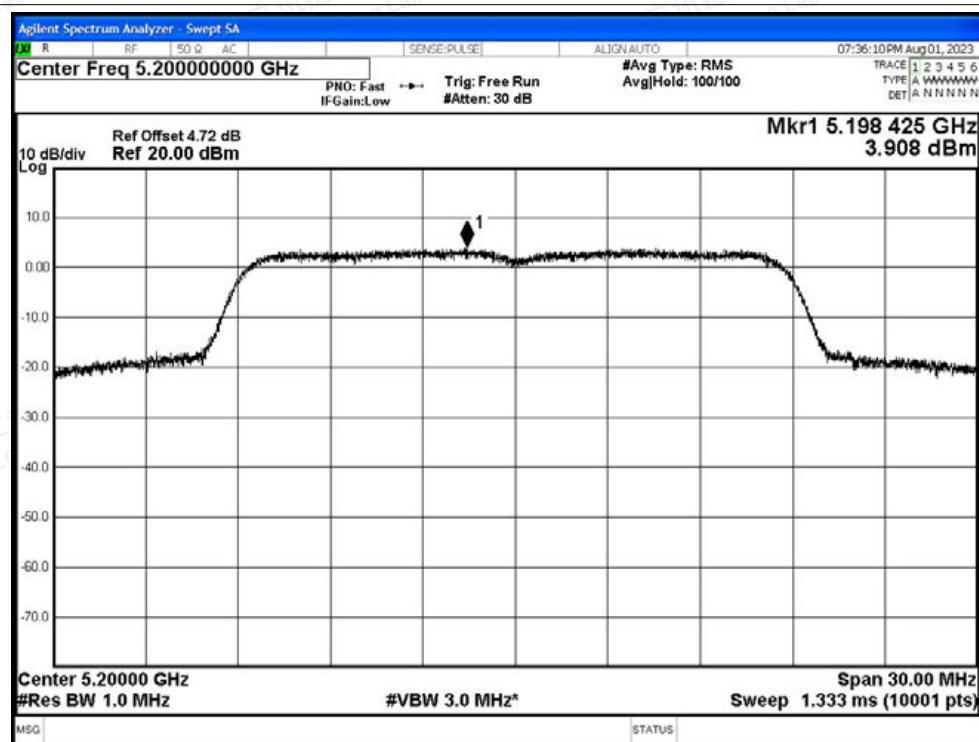


PSD NVNT n20 5180MHz Ant0

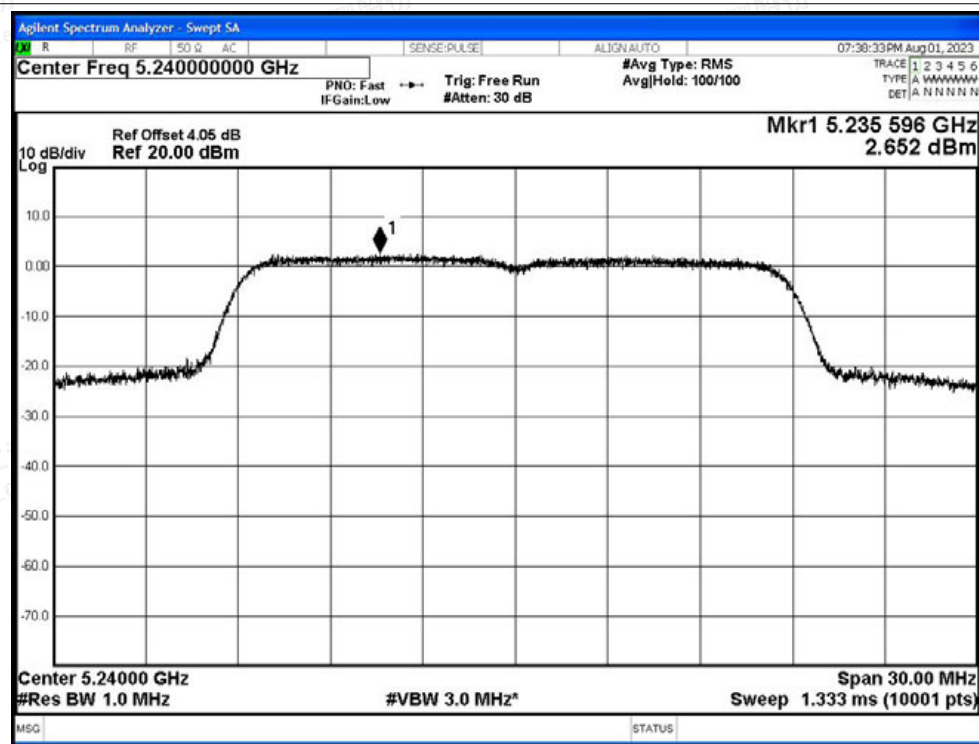




PSD NVNT n20 5200MHz Ant0

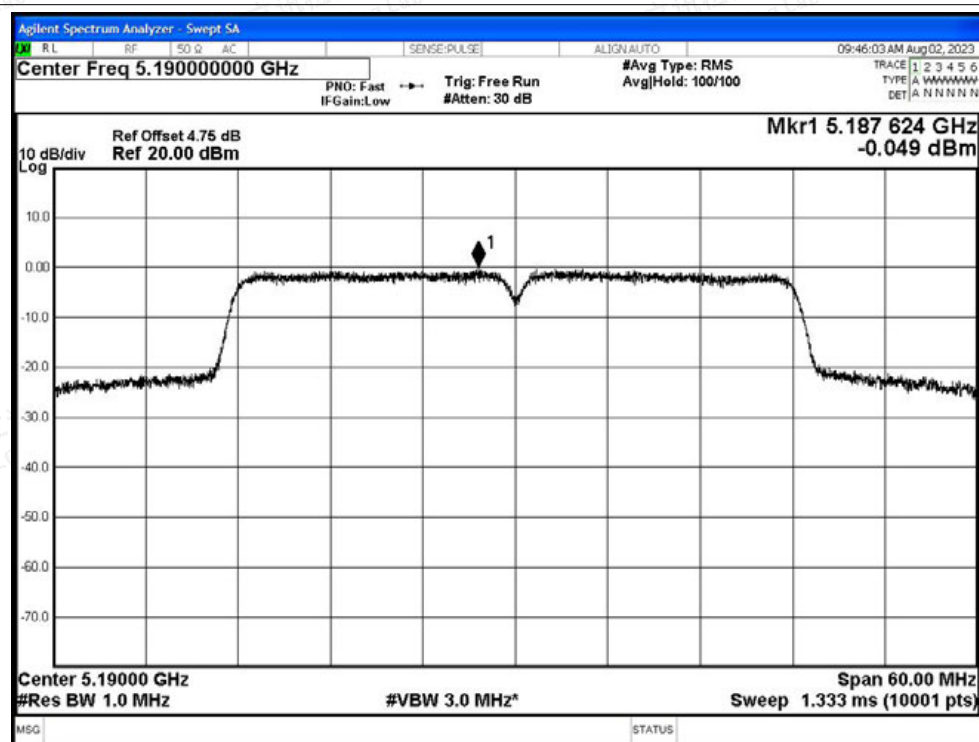


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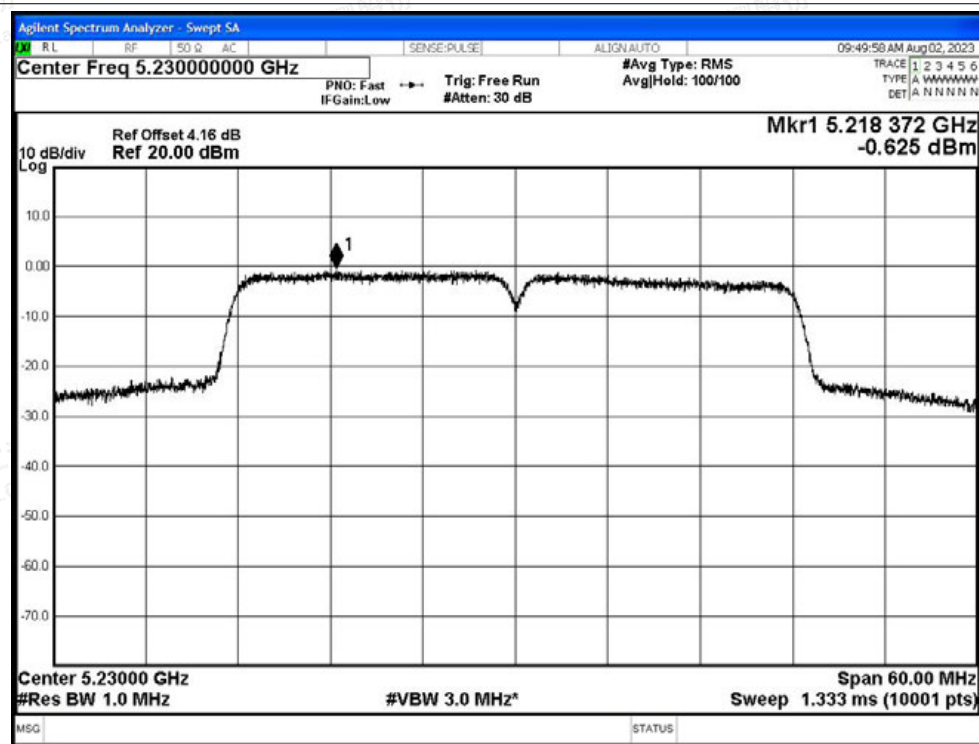




PSD NVNT n40 5190MHz Ant0

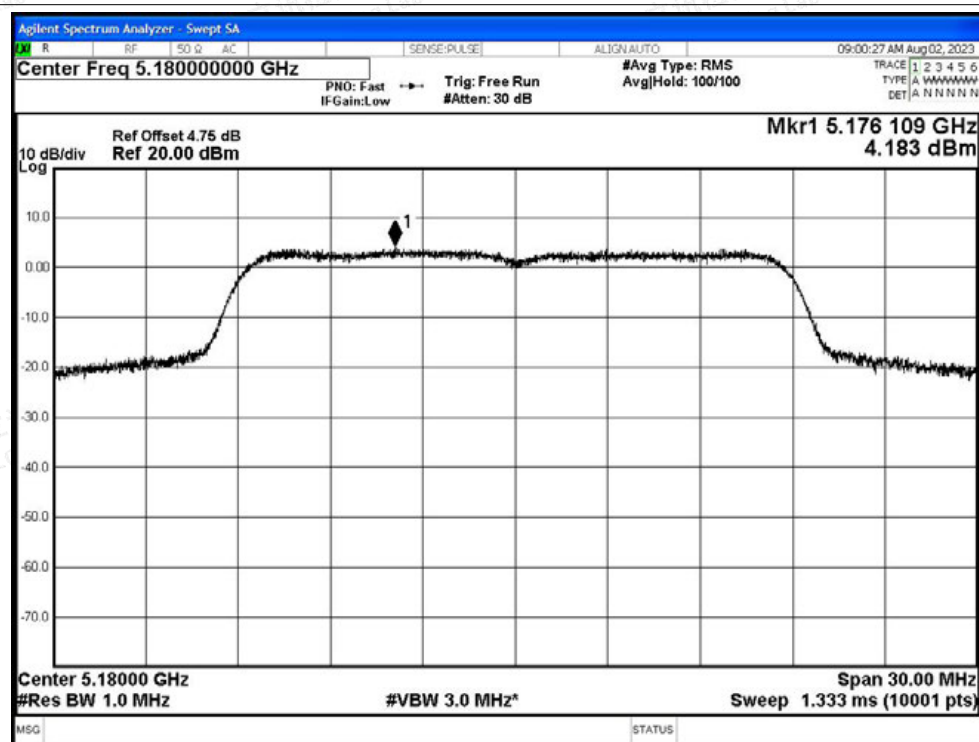


PSD NVNT n40 5230MHz Ant0

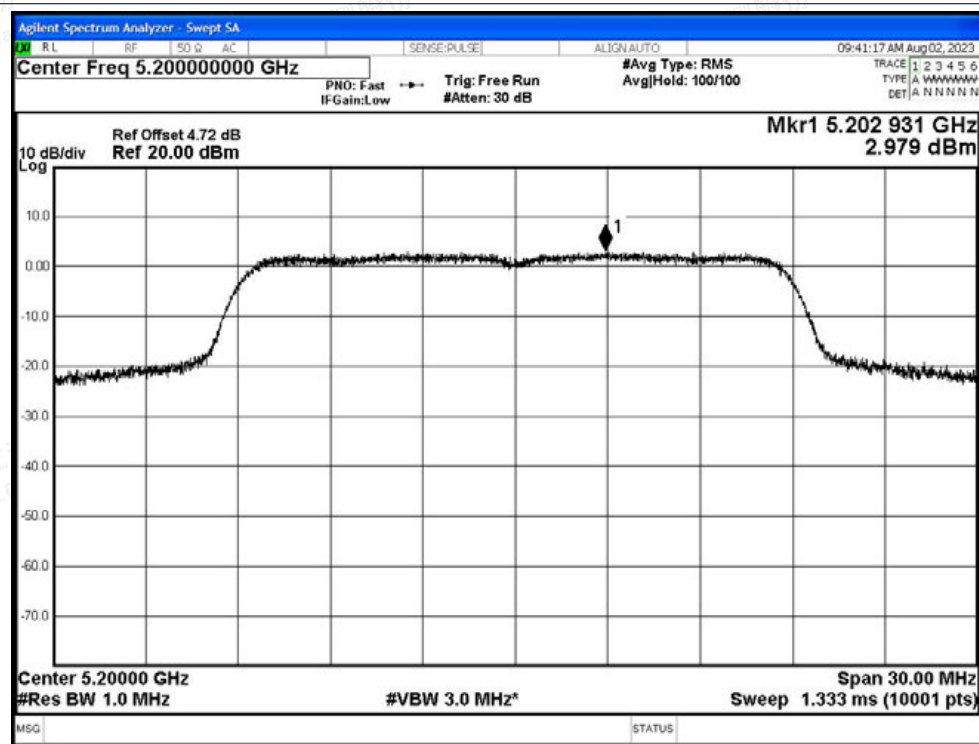


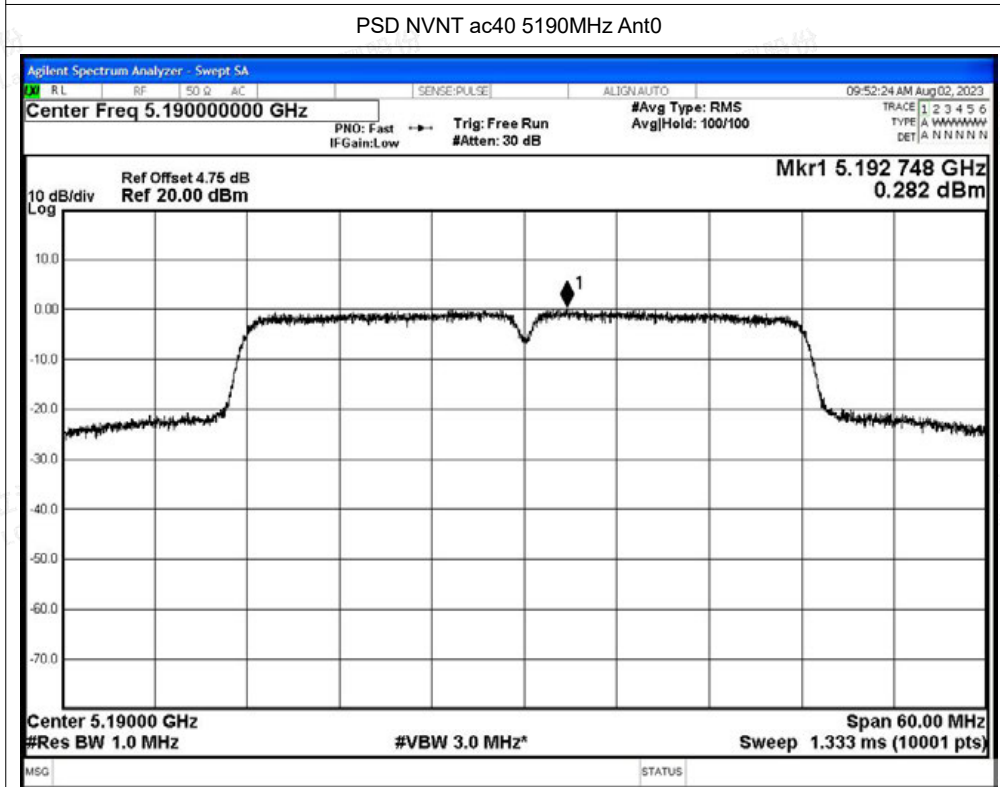
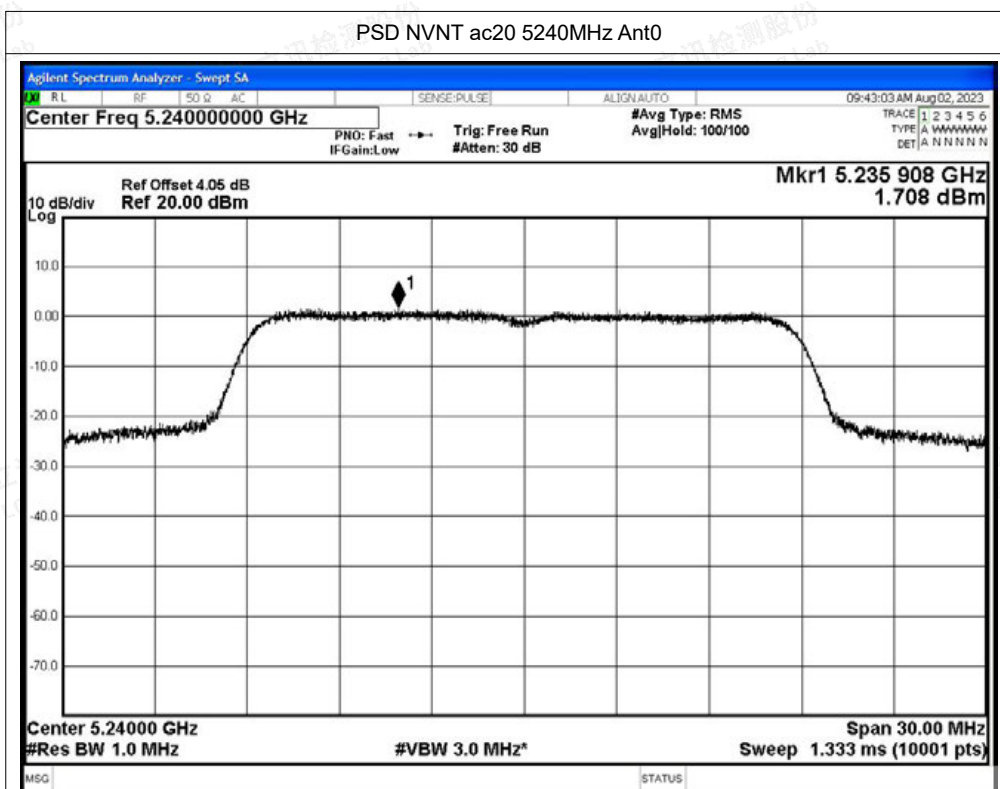


PSD NVNT ac20 5180MHz Ant0



PSD NVNT ac20 5200MHz Ant0

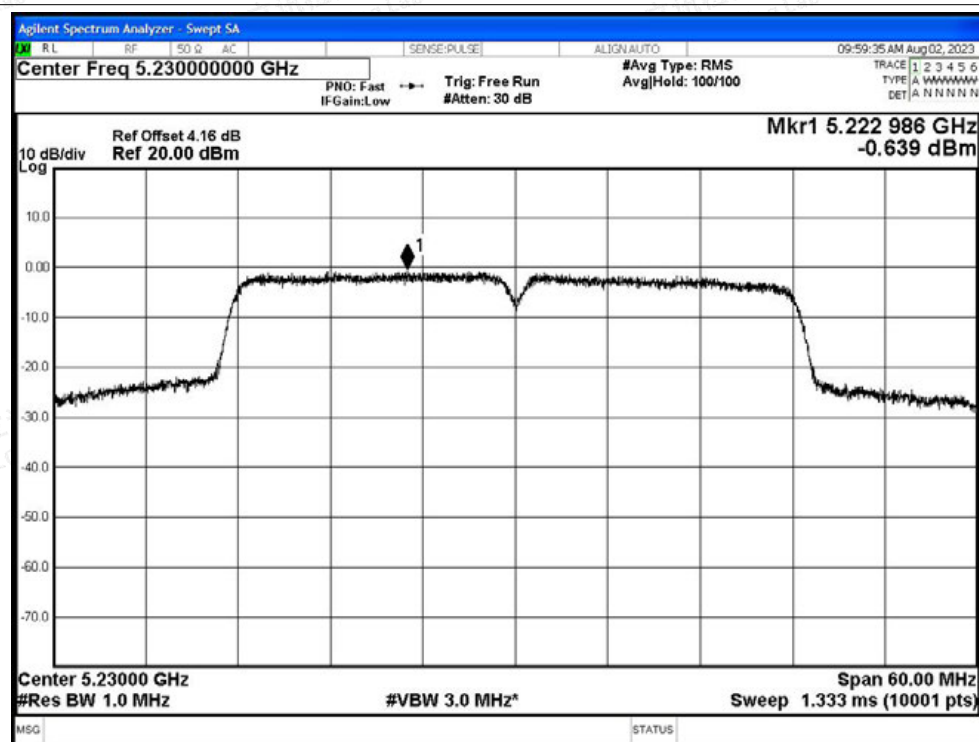




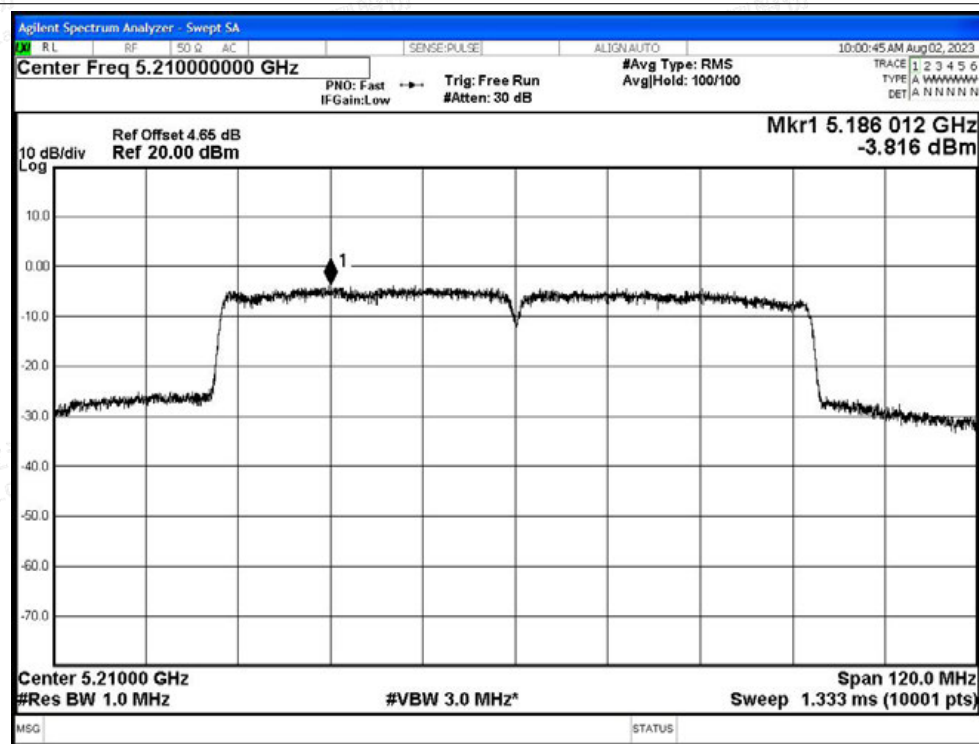
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen,
518000, China
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PSD NVNT ac40 5230MHz Ant0



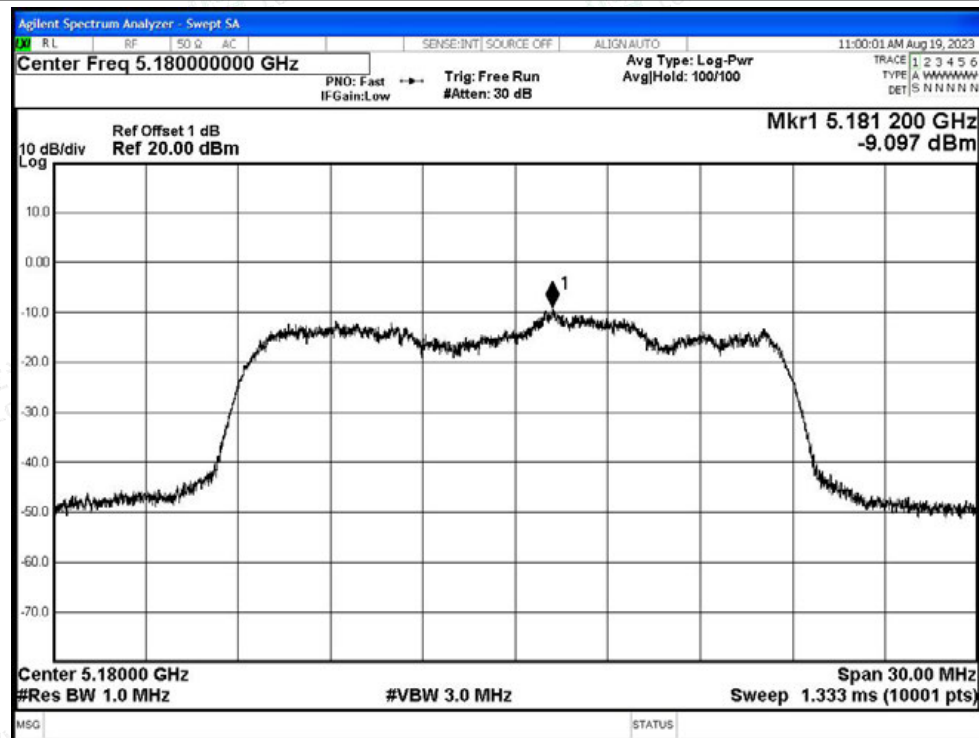
PSD NVNT ac80 5210MHz Ant0



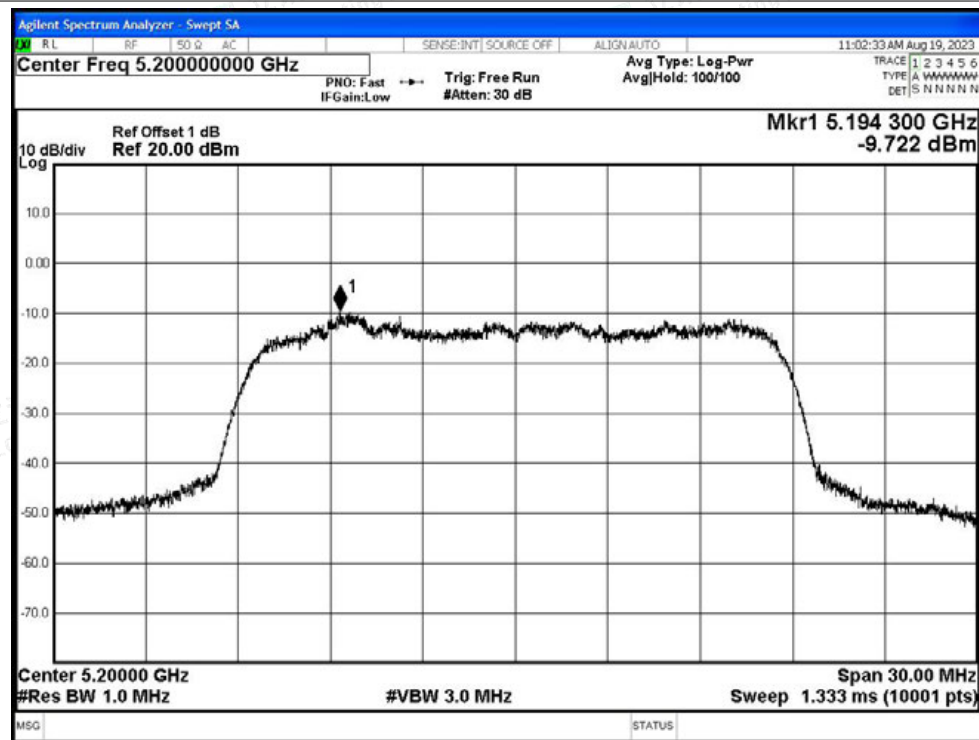


Test Graphs

PSD NVNT a 5180MHz Ant1

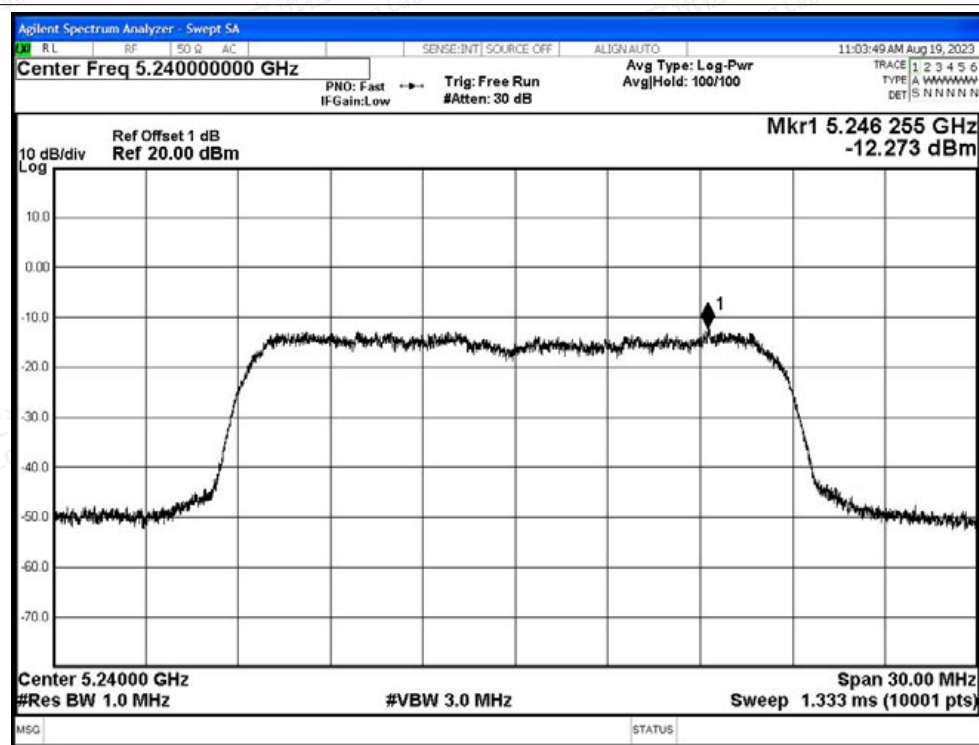


PSD NVNT a 5200MHz Ant1

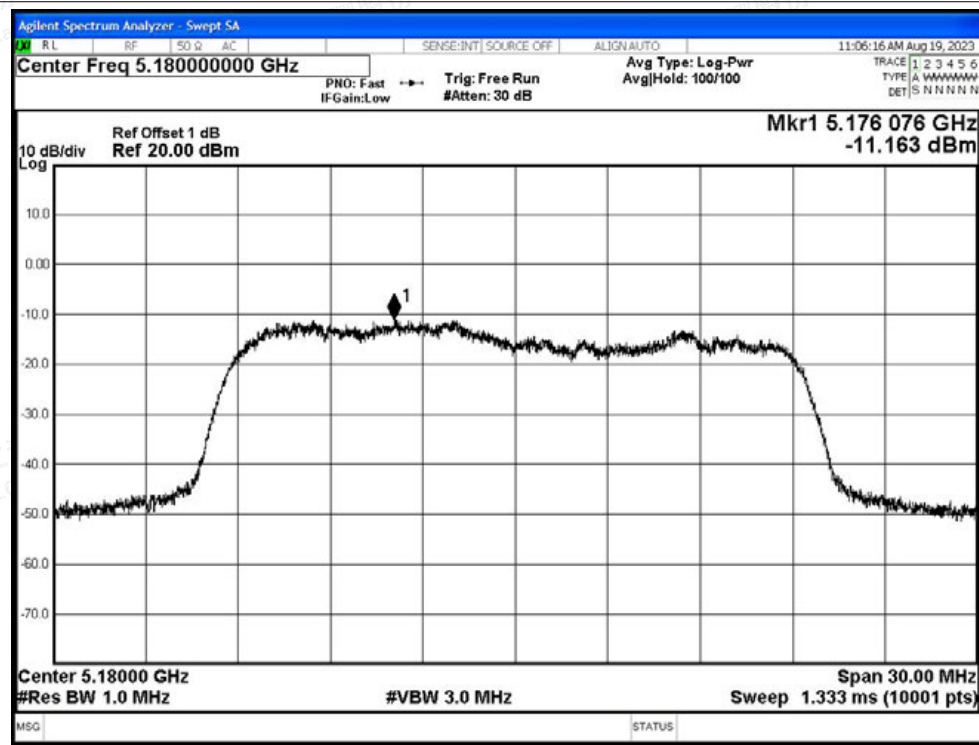




PSD NVNT a 5240MHz Ant1

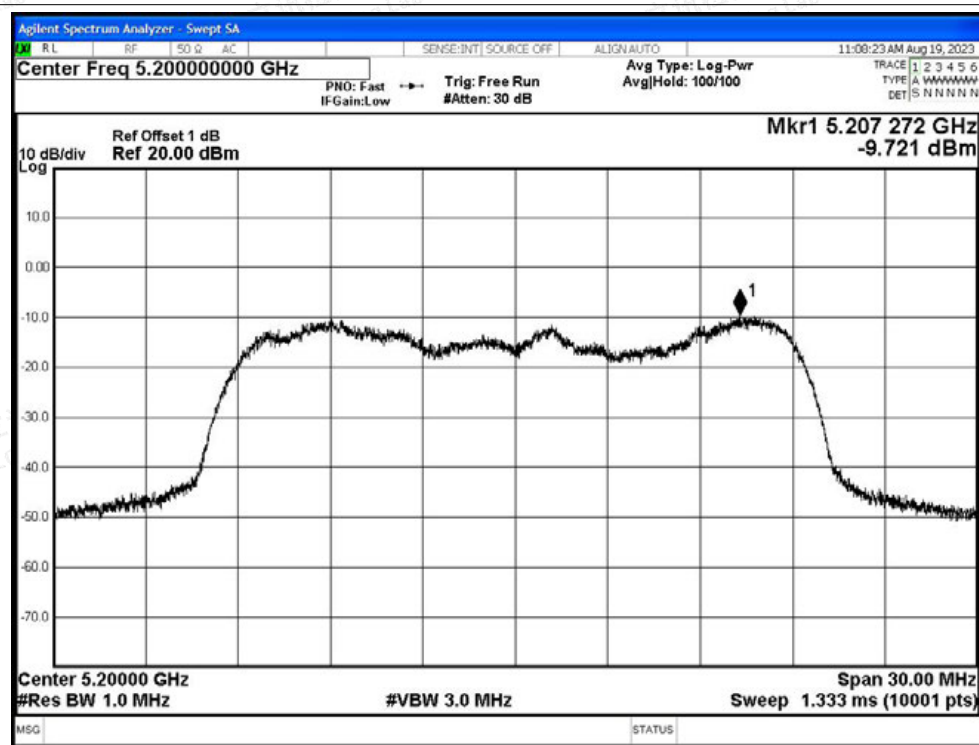


PSD NVNT n20 5180MHz Ant1

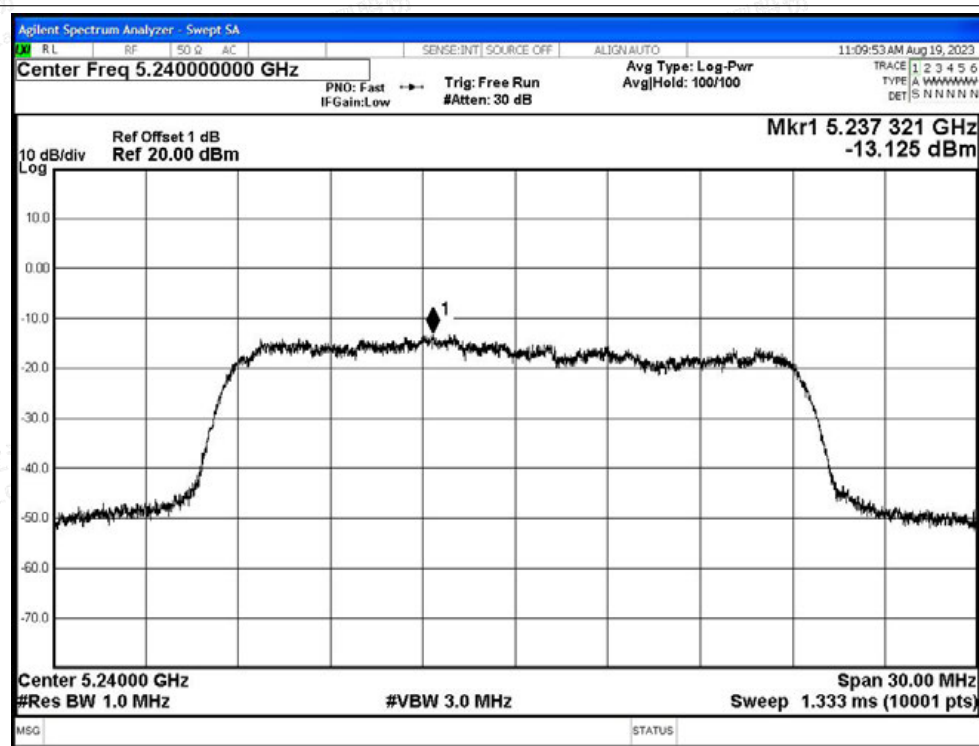




PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

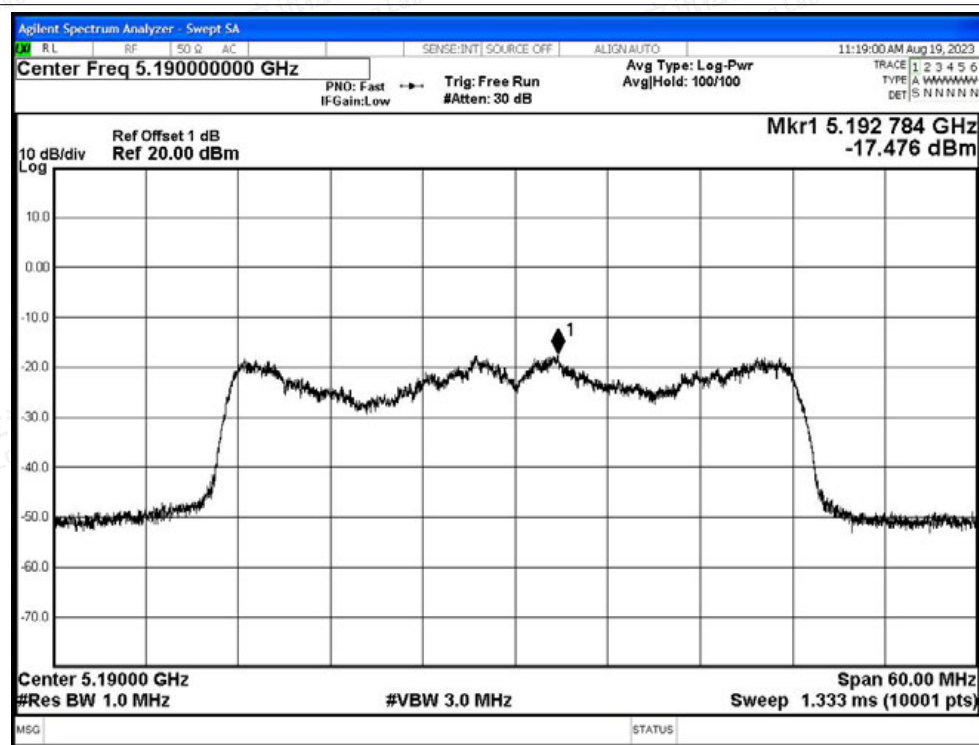
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

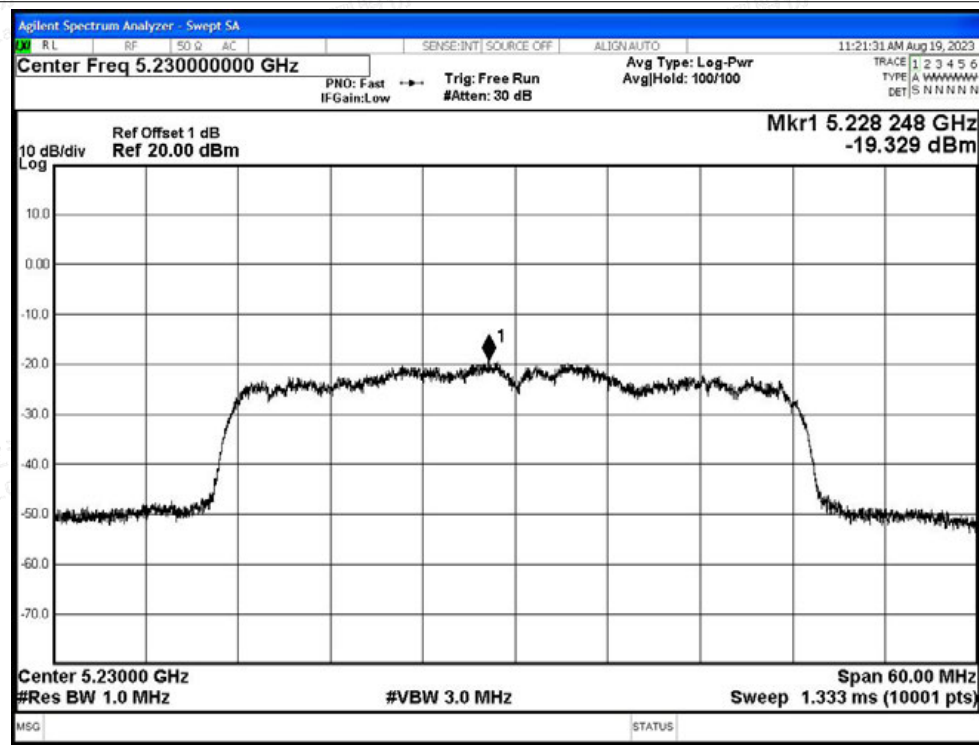
Scan code to check authenticity



PSD NVNT n40 5190MHz Ant1

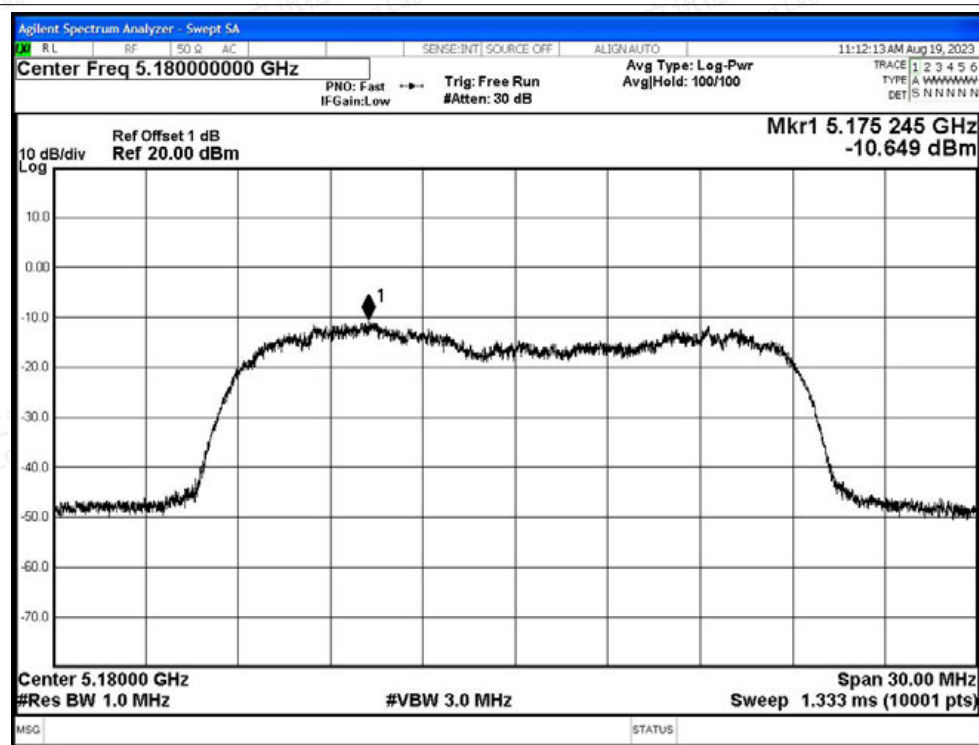


PSD NVNT n40 5230MHz Ant1

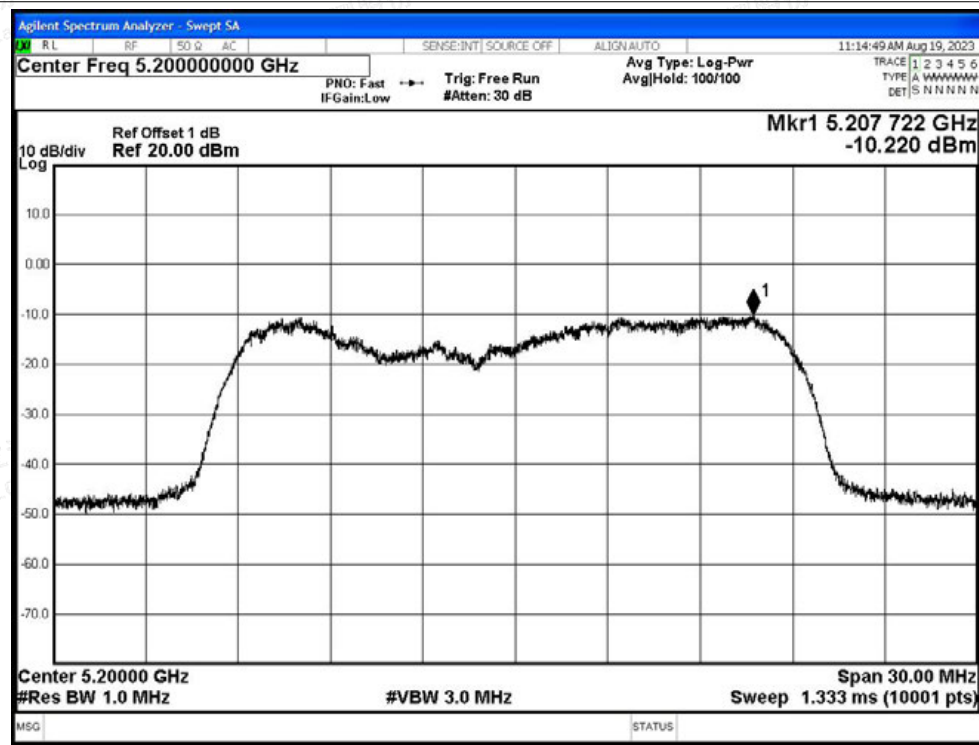




PSD NVNT ac20 5180MHz Ant1

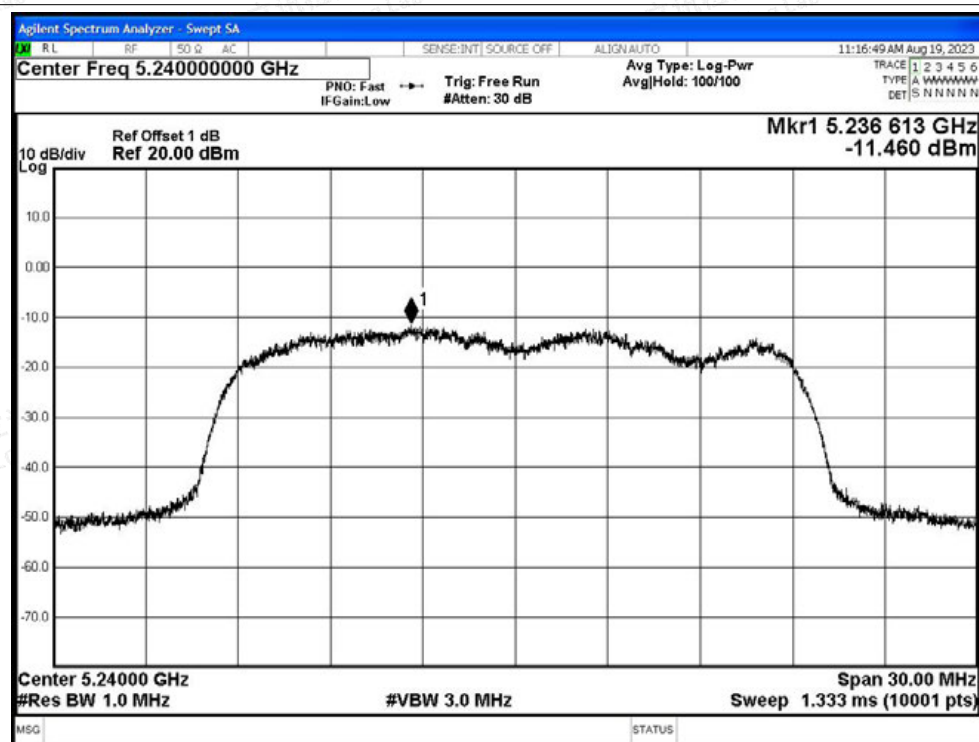


PSD NVNT ac20 5200MHz Ant1

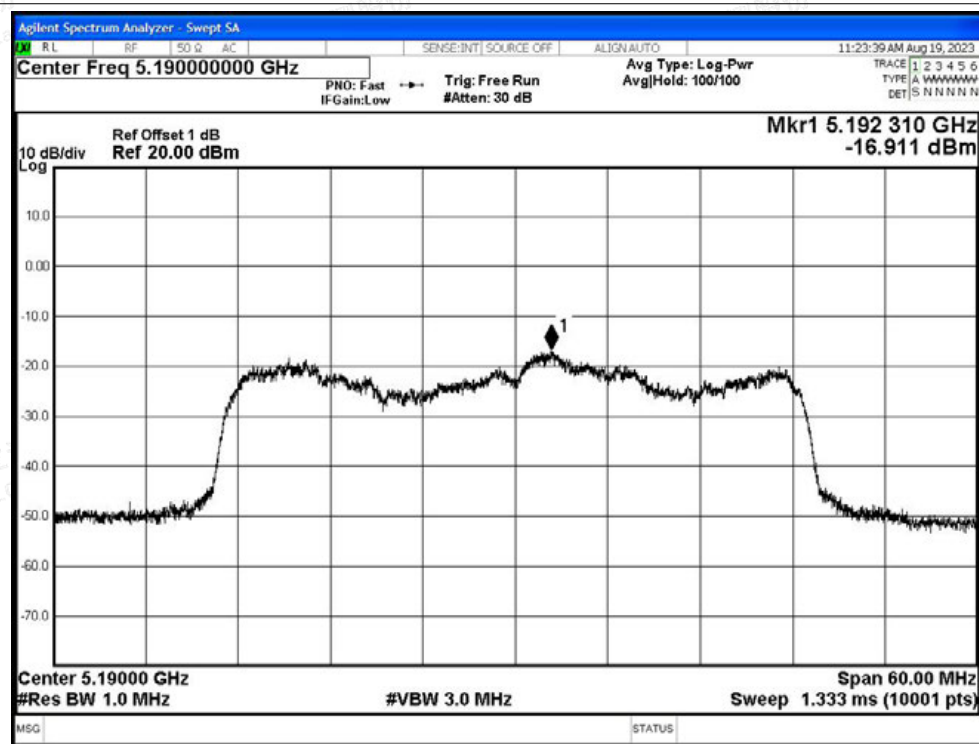




PSD NVNT ac20 5240MHz Ant1

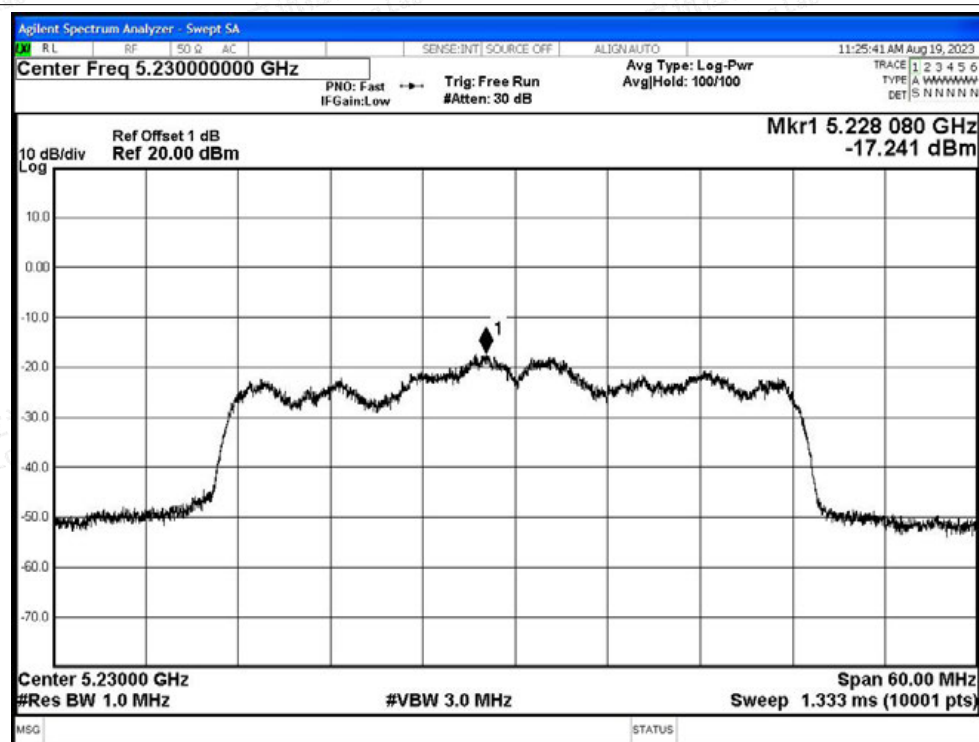


PSD NVNT ac40 5190MHz Ant1

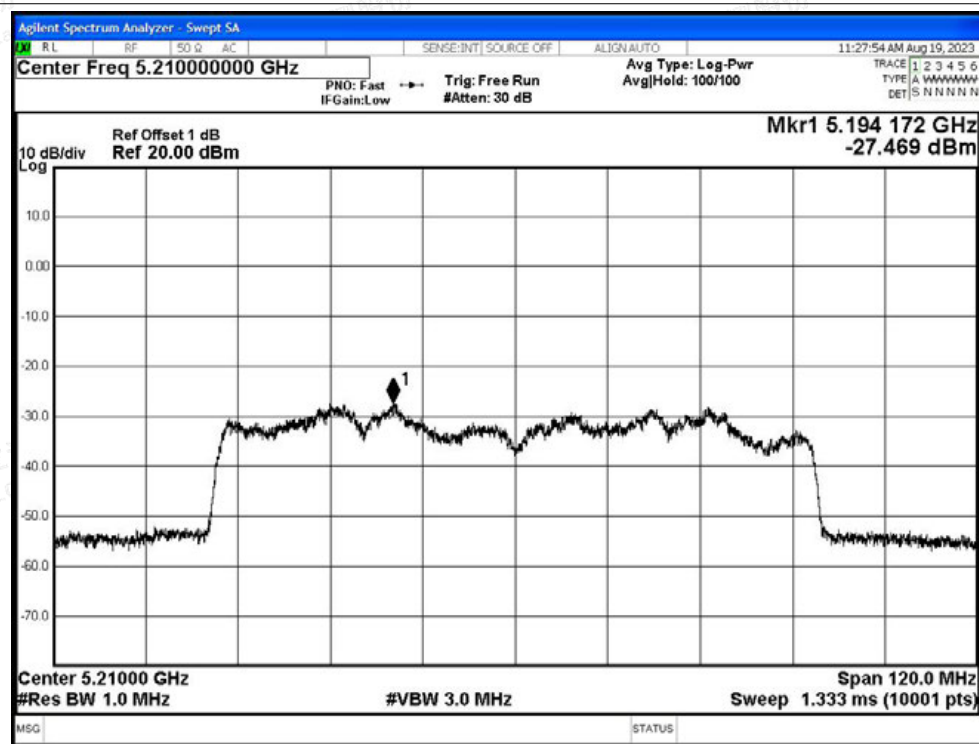




PSD NVNT ac40 5230MHz Ant1



PSD NVNT ac80 5210MHz Ant1





C.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	Ant0	4500	-48.61	2	48.62	Peak	68.2	Pass
NVNT	a	5180	Ant0	4500	-56.35	2	40.88	Average	54	Pass
NVNT	a	5180	Ant0	5148.2	-41.72	2	55.51	Peak	68.2	Pass
NVNT	a	5180	Ant0	5149.6	-50.39	2	46.84	Average	54	Pass
NVNT	a	5180	Ant0	5150	-42.19	2	55.04	Peak	68.2	Pass
NVNT	a	5180	Ant0	5150	-50.45	2	46.78	Average	54	Pass
NVNT	a	5240	Ant0	5350	-49.72	2	47.51	Peak	68.2	Pass
NVNT	a	5240	Ant0	5350	-56.15	2	41.08	Average	54	Pass
NVNT	a	5240	Ant0	5394.48	-46.59	2	50.64	Peak	68.2	Pass
NVNT	a	5240	Ant0	5391.84	-55.87	2	41.36	Average	54	Pass
NVNT	a	5240	Ant0	5460	-50.72	2	46.51	Peak	68.2	Pass
NVNT	a	5240	Ant0	5460	-56.19	2	41.04	Average	54	Pass
NVNT	n20	5180	Ant0	4500	-49.48	2	47.75	Peak	68.2	Pass
NVNT	n20	5180	Ant0	4500	-56.17	2	41.06	Average	54	Pass
NVNT	n20	5180	Ant0	5148.9	-39.5	2	57.73	Peak	68.2	Pass
NVNT	n20	5180	Ant0	5149.6	-49.42	2	47.81	Average	54	Pass
NVNT	n20	5180	Ant0	5150	-40.6	2	56.63	Peak	68.2	Pass
NVNT	n20	5180	Ant0	5150	-48.4	2	48.83	Average	54	Pass
NVNT	n20	5240	Ant0	5350	-48.97	2	48.26	Peak	68.2	Pass
NVNT	n20	5240	Ant0	5350	-56.1	2	41.13	Average	54	Pass
NVNT	n20	5240	Ant0	5430.72	-46.31	2	50.92	Peak	68.2	Pass
NVNT	n20	5240	Ant0	5352.24	-55.81	2	41.42	Average	54	Pass
NVNT	n20	5240	Ant0	5460	-49.12	2	48.11	Peak	68.2	Pass
NVNT	n20	5240	Ant0	5460	-56.26	2	40.97	Average	54	Pass
NVNT	n40	5190	Ant0	4500	-49.25	2	47.98	Peak	68.2	Pass
NVNT	n40	5190	Ant0	4500	-55.89	2	41.34	Average	54	Pass
NVNT	n40	5190	Ant0	5149.7	-35.13	2	62.10	Peak	68.2	Pass
NVNT	n40	5190	Ant0	5148.24	-48.49	2	48.74	Average	54	Pass
NVNT	n40	5190	Ant0	5150	-35.13	2	62.10	Peak	68.2	Pass
NVNT	n40	5190	Ant0	5150	-48.67	2	48.56	Average	54	Pass
NVNT	n40	5230	Ant0	5350	-49.35	2	47.88	Peak	68.2	Pass
NVNT	n40	5230	Ant0	5350	-55.67	2	41.56	Average	54	Pass
NVNT	n40	5230	Ant0	5437.05	-44.94	2	52.29	Peak	68.2	Pass
NVNT	n40	5230	Ant0	5435.97	-55.42	2	41.81	Average	54	Pass
NVNT	n40	5230	Ant0	5460	-48.62	2	48.61	Peak	68.2	Pass
NVNT	n40	5230	Ant0	5460	-55.99	2	41.24	Average	54	Pass
NVNT	ac20	5180	Ant0	4500	-49.49	2	47.74	Peak	68.2	Pass





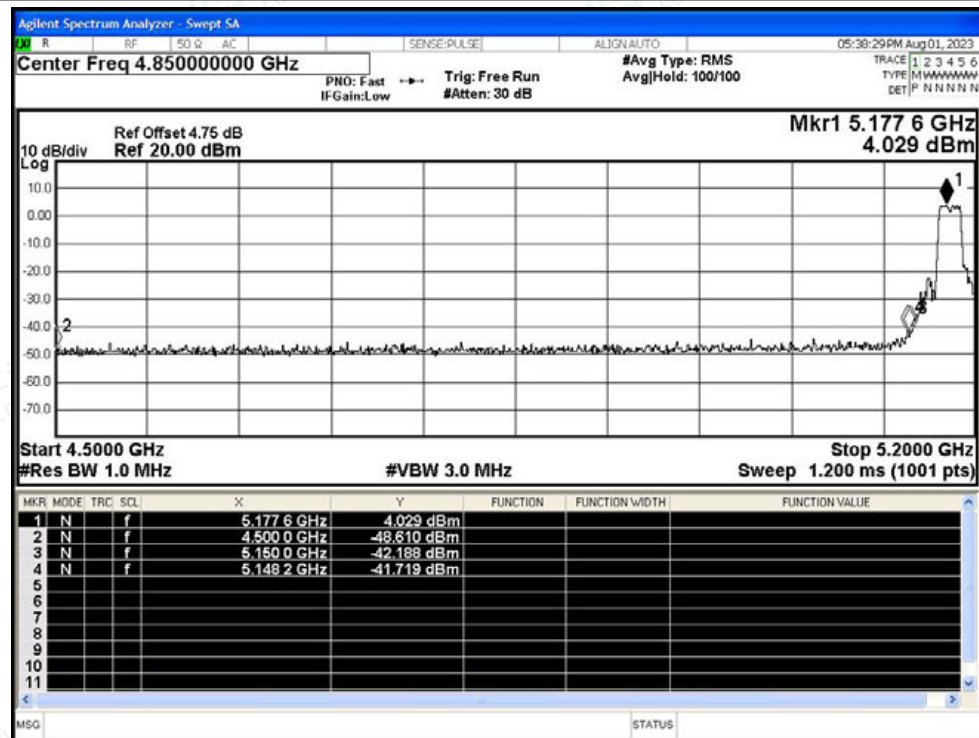
NVNT	ac20	5180	Ant0	4500	-56.06	2	41.17	Average	54	Pass
NVNT	ac20	5180	Ant0	5149.6	-44.59	2	52.64	Peak	68.2	Pass
NVNT	ac20	5180	Ant0	5149.6	-52.73	2	44.50	Average	54	Pass
NVNT	ac20	5180	Ant0	5150	-44.49	2	52.74	Peak	68.2	Pass
NVNT	ac20	5180	Ant0	5150	-52.37	2	44.86	Average	54	Pass
NVNT	ac20	5240	Ant0	5350	-49.33	2	47.90	Peak	68.2	Pass
NVNT	ac20	5240	Ant0	5350	-56.02	2	41.21	Average	54	Pass
NVNT	ac20	5240	Ant0	5450.16	-46.41	2	50.82	Peak	68.2	Pass
NVNT	ac20	5240	Ant0	5361.36	-55.8	2	41.43	Average	54	Pass
NVNT	ac20	5240	Ant0	5460	-48.46	2	48.77	Peak	68.2	Pass
NVNT	ac20	5240	Ant0	5460	-56.08	2	41.15	Average	54	Pass
NVNT	ac40	5190	Ant0	4500	-50.35	2	46.88	Peak	68.2	Pass
NVNT	ac40	5190	Ant0	4500	-55.84	2	41.39	Average	54	Pass
NVNT	ac40	5190	Ant0	5149.7	-36.73	2	60.50	Peak	68.2	Pass
NVNT	ac40	5190	Ant0	5149.7	-48.28	2	48.95	Average	54	Pass
NVNT	ac40	5190	Ant0	5150	-36.73	2	60.50	Peak	68.2	Pass
NVNT	ac40	5190	Ant0	5150	-48.28	2	48.95	Average	54	Pass
NVNT	ac40	5230	Ant0	5350	-49.52	2	47.71	Peak	68.2	Pass
NVNT	ac40	5230	Ant0	5350	-55.92	2	41.31	Average	54	Pass
NVNT	ac40	5230	Ant0	5432.19	-46.49	2	50.74	Peak	68.2	Pass
NVNT	ac40	5230	Ant0	5442.45	-55.42	2	41.81	Average	54	Pass
NVNT	ac40	5230	Ant0	5460	-49.69	2	47.54	Peak	68.2	Pass
NVNT	ac40	5230	Ant0	5460	-55.58	2	41.65	Average	54	Pass
NVNT	ac80	5210	Ant0	5350	-45.94	2	51.29	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5350	-52.08	2	45.15	Average	54	Pass
NVNT	ac80	5210	Ant0	5351.1	-43.42	2	53.81	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5350.44	-51.87	2	45.36	Average	54	Pass
NVNT	ac80	5210	Ant0	5460	-48.65	2	48.58	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5460	-54.93	2	42.30	Average	54	Pass
NVNT	ac80	5210	Ant0	4500	-49.89	2	47.34	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	4500	-55.76	2	41.47	Average	54	Pass
NVNT	ac80	5210	Ant0	5148.59	-40.06	2	57.17	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5149.38	-49.23	2	48.00	Average	54	Pass
NVNT	ac80	5210	Ant0	5150	-40.4	2	56.83	Peak	68.2	Pass
NVNT	ac80	5210	Ant0	5150	-49.06	2	48.17	Average	54	Pass



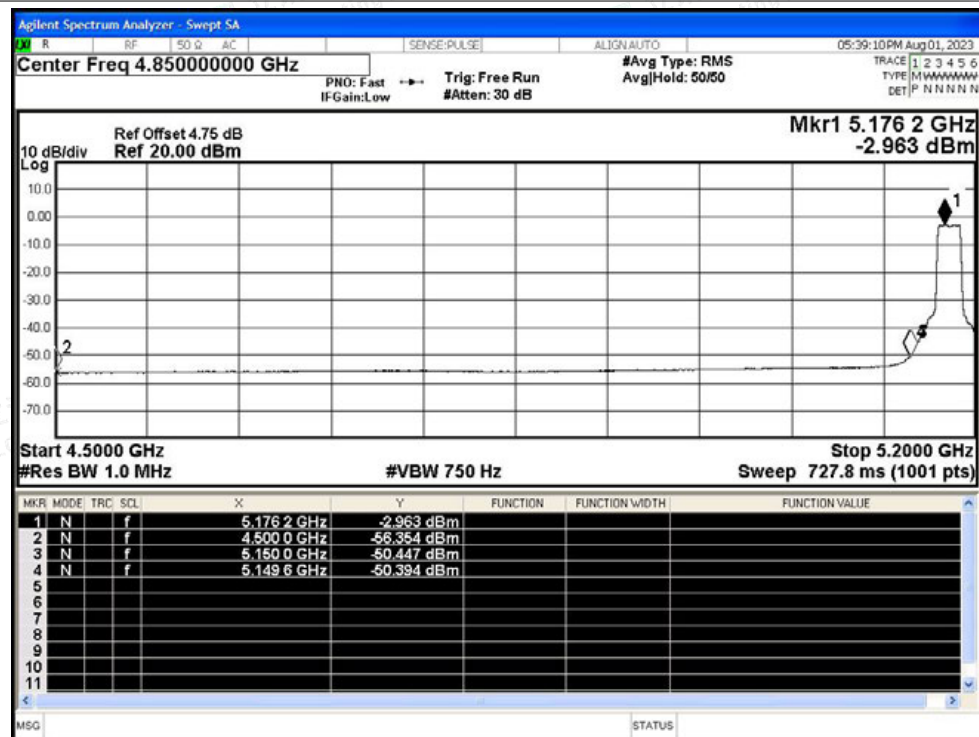


Test Graphs

Restrict Band NVNT a 5180MHz Ant0 Peak



Restrict Band NVNT a 5180MHz Ant0 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

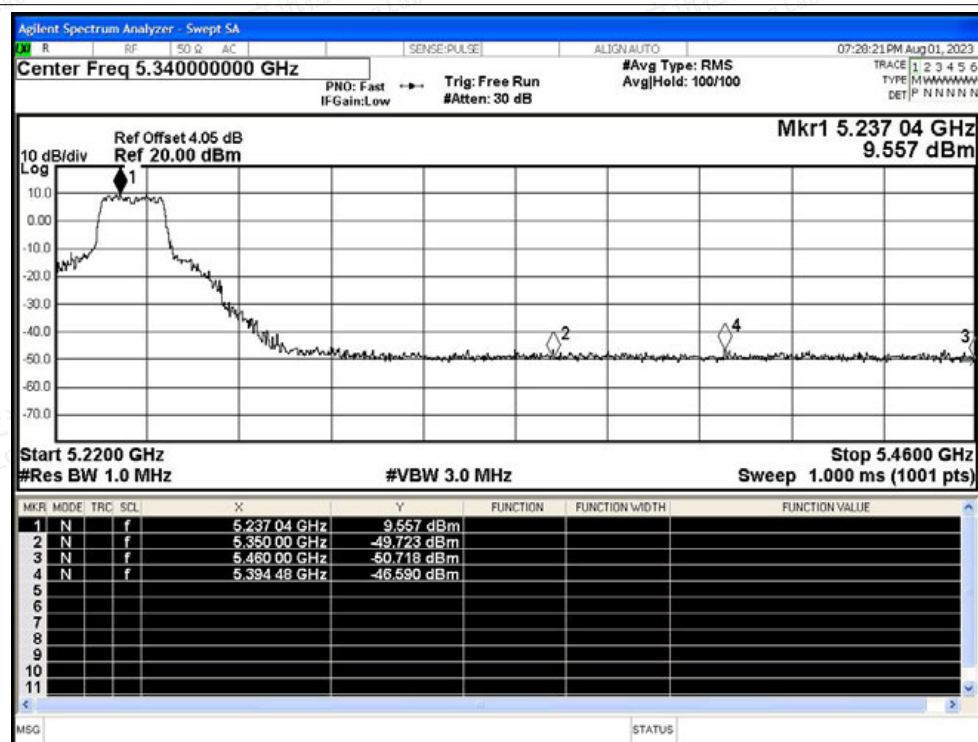
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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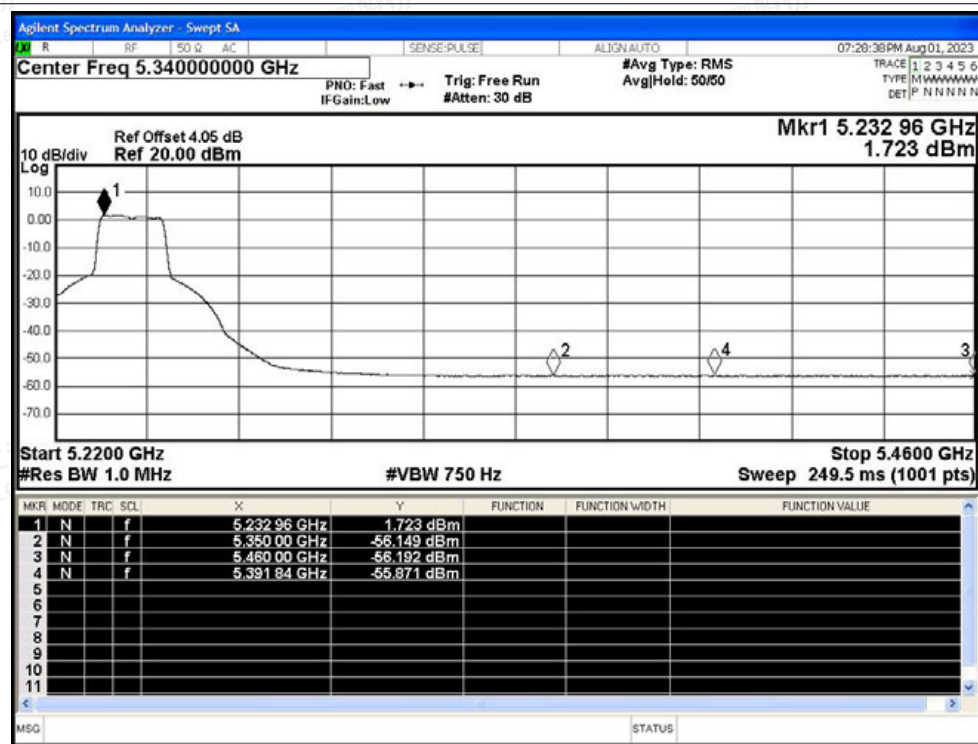
Scan code to check authenticity



Restrict Band NVNT a 5240MHz Ant0 Peak



Restrict Band NVNT a 5240MHz Ant0 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

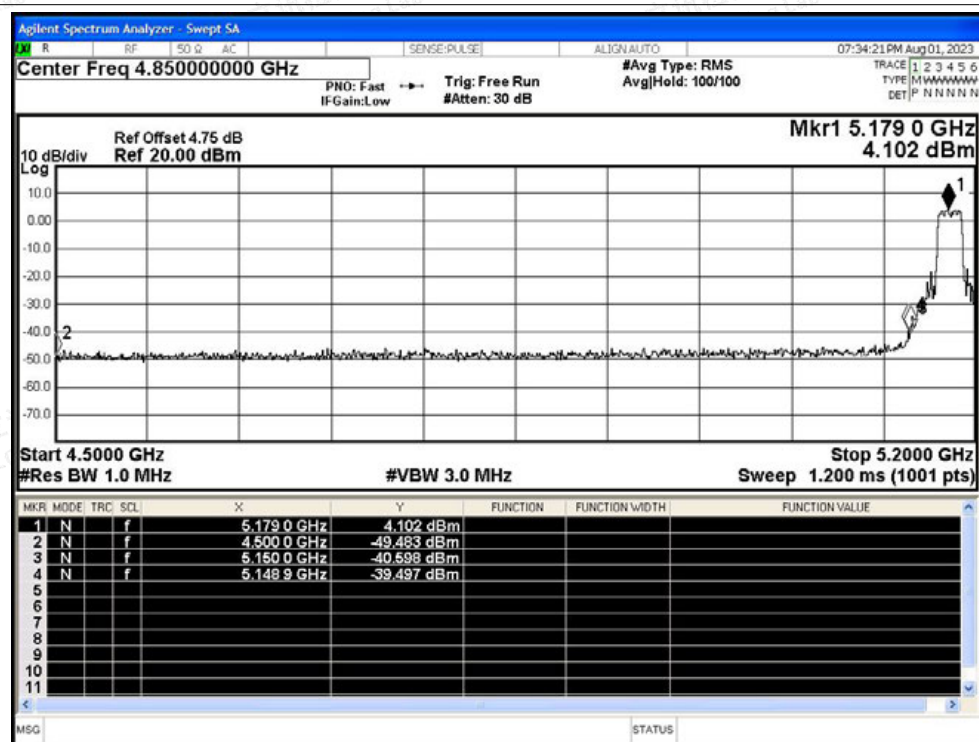
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

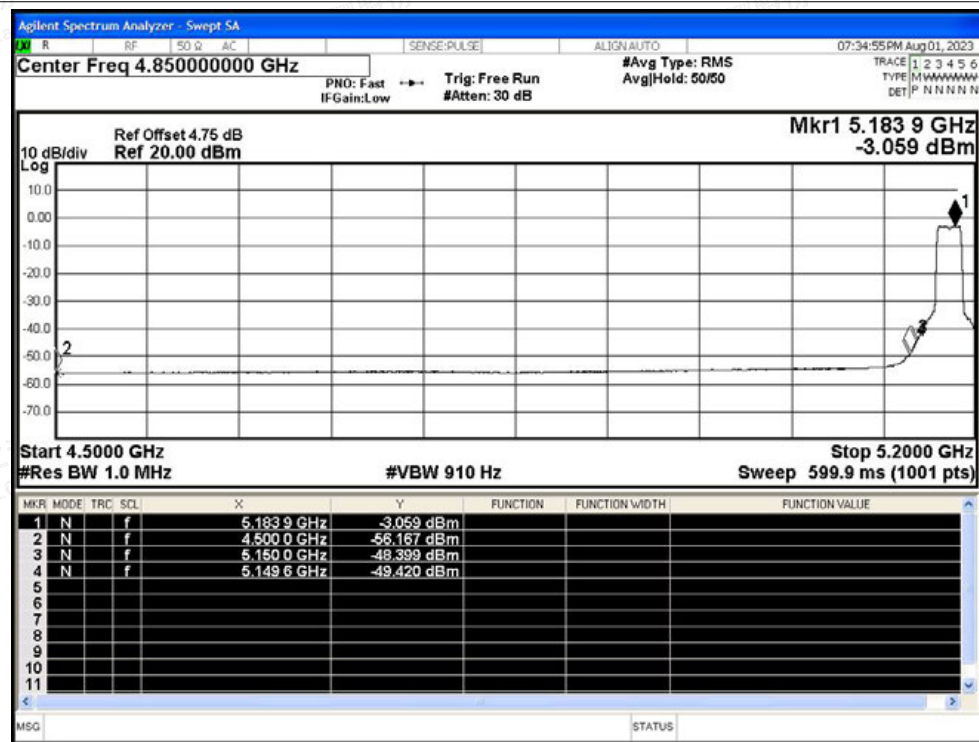
Scan code to check authenticity



Restrict Band NVNT n20 5180MHz Ant0 Peak



Restrict Band NVNT n20 5180MHz Ant0 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

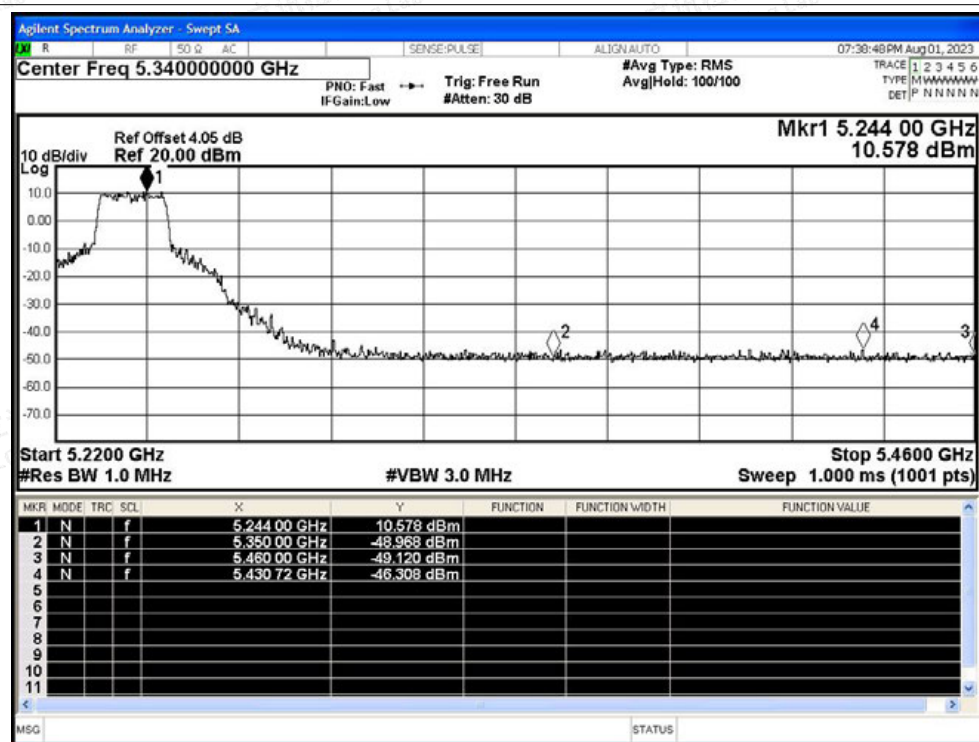
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

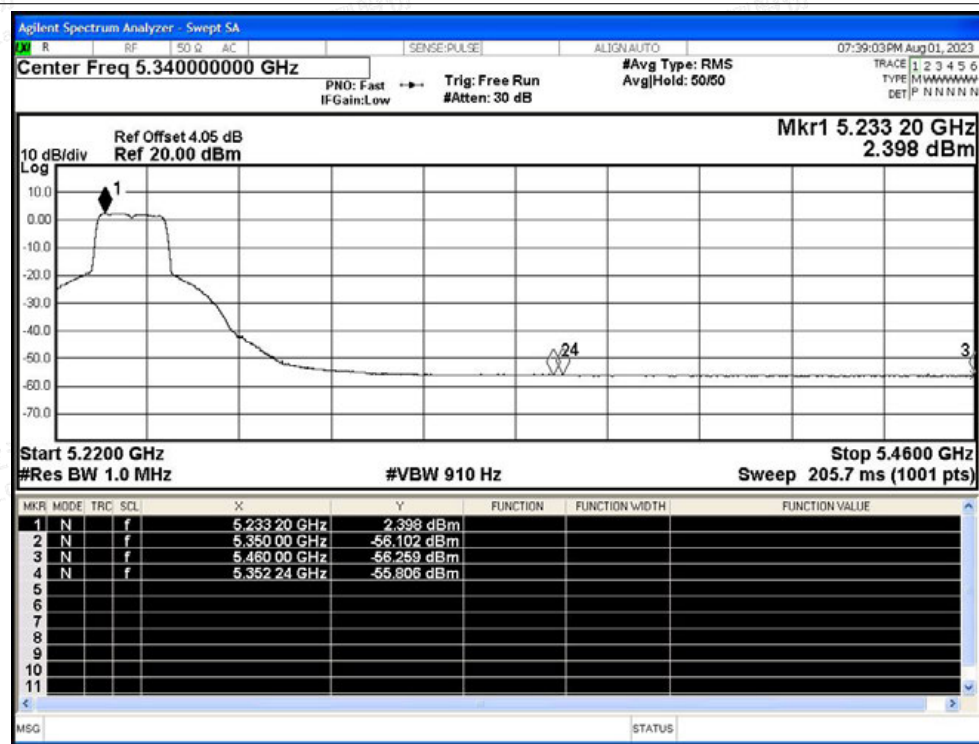
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Restrict Band NVNT n20 5240MHz Ant0 Peak



Restrict Band NVNT n20 5240MHz Ant0 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

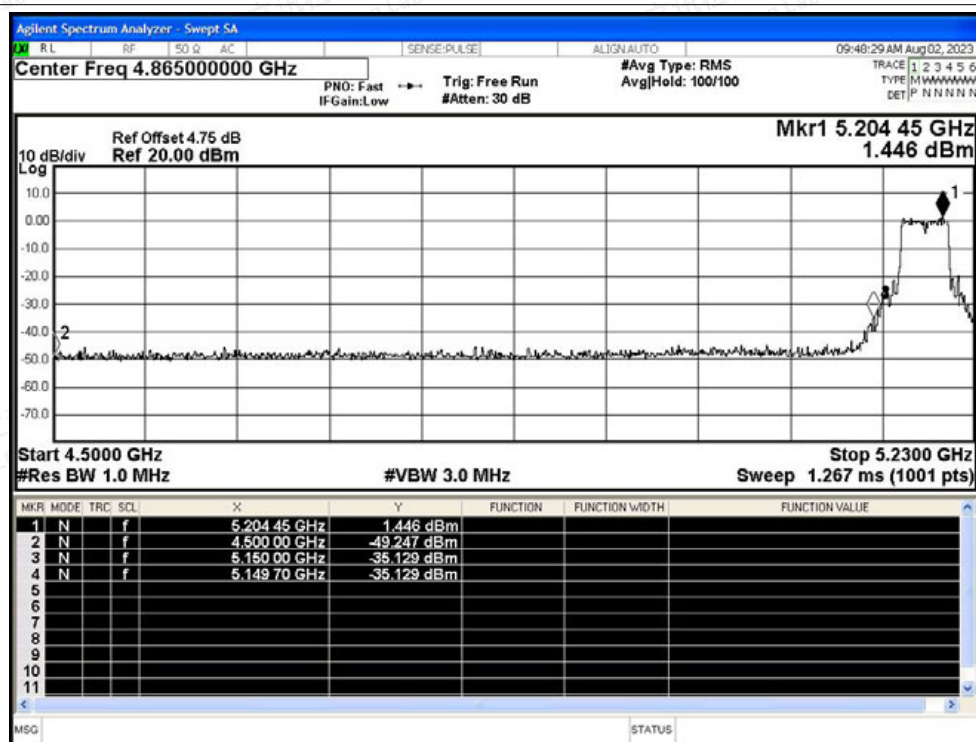
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

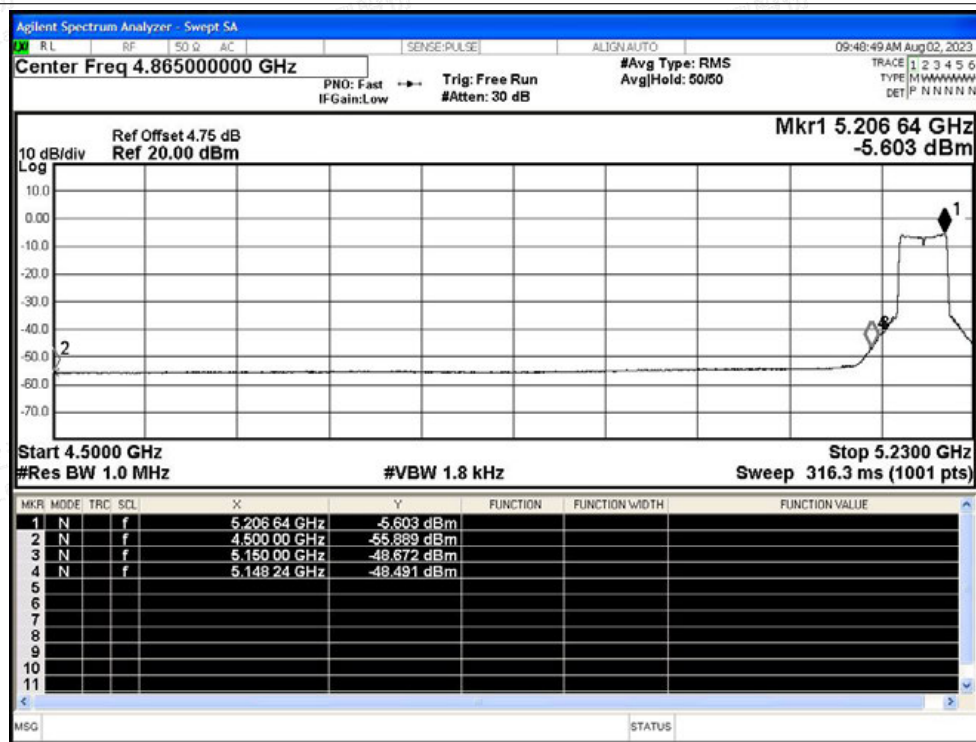
Scan code to check authenticity



Restrict Band NVNT n40 5190MHz Ant0 Peak

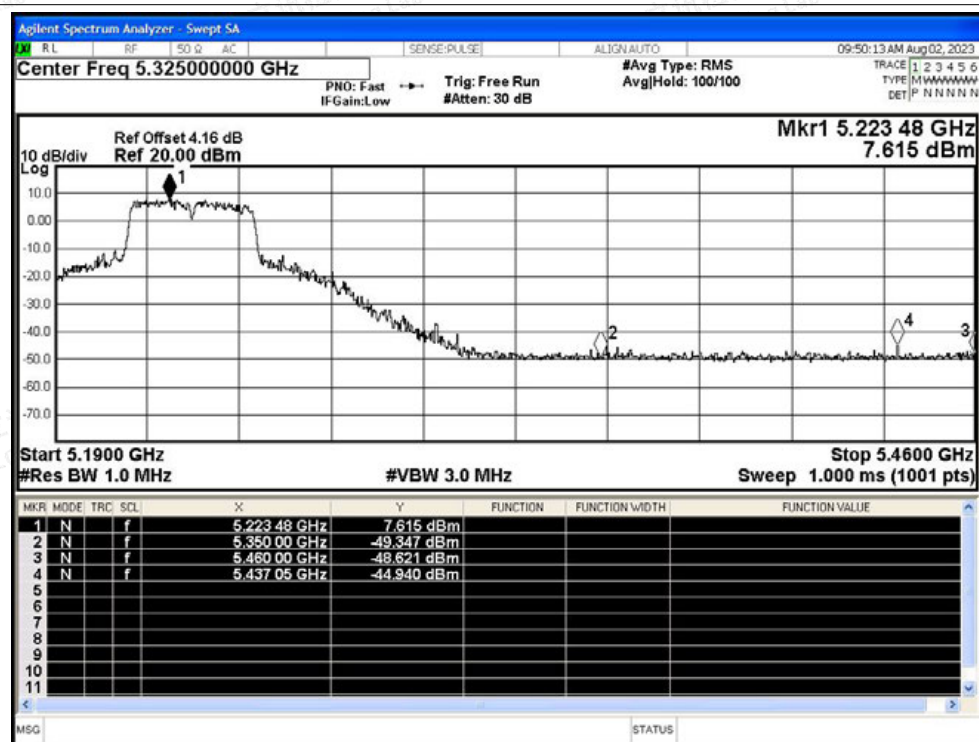


Restrict Band NVNT n40 5190MHz Ant0 Average

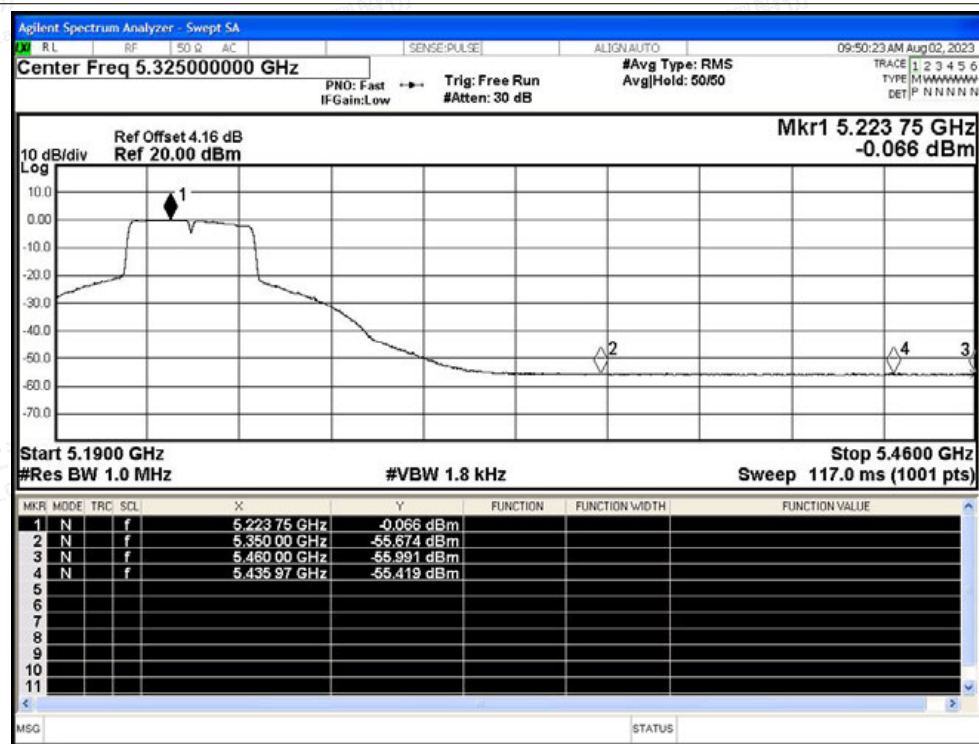




Restrict Band NVNT n40 5230MHz Ant0 Peak



Restrict Band NVNT n40 5230MHz Ant0 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

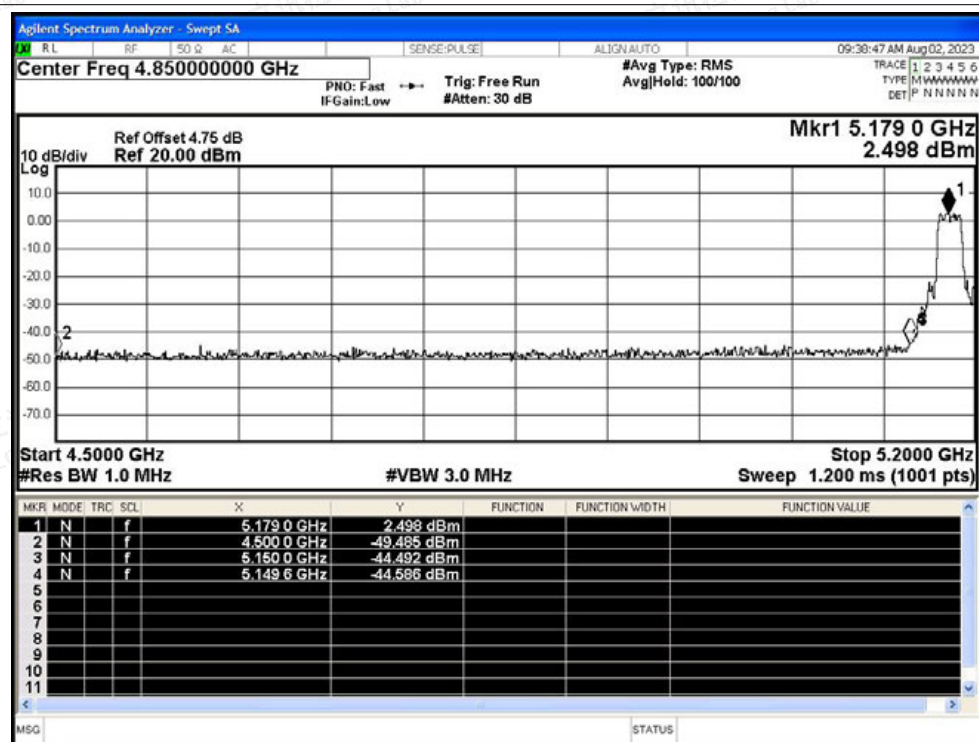
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

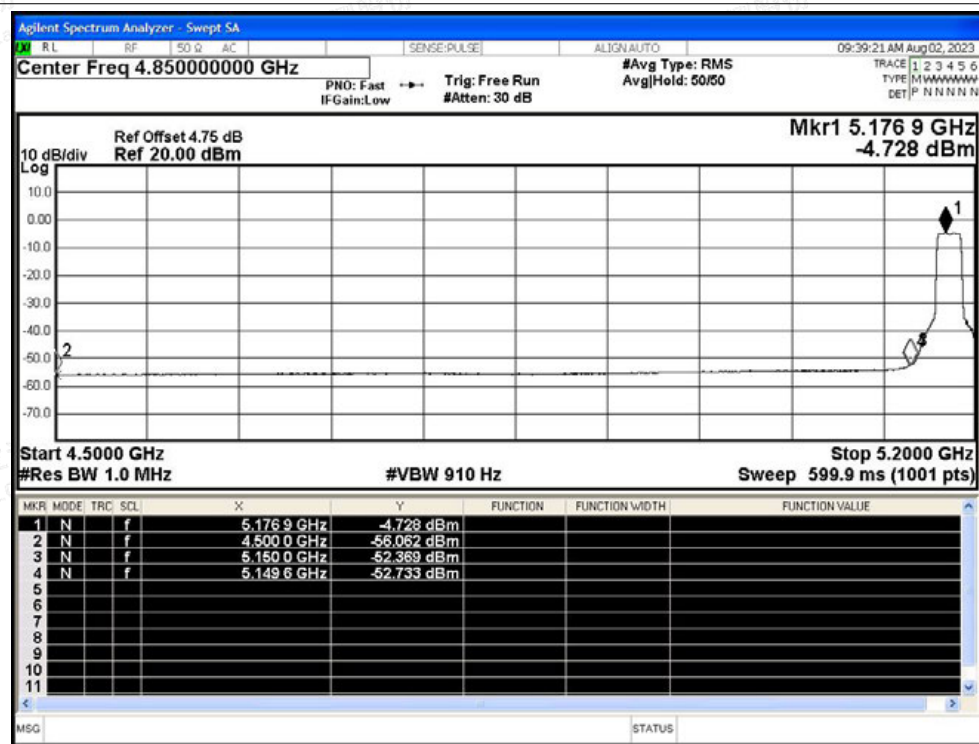
Scan code to check authenticity



Restrict Band NVNT ac20 5180MHz Ant0 Peak



Restrict Band NVNT ac20 5180MHz Ant0 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

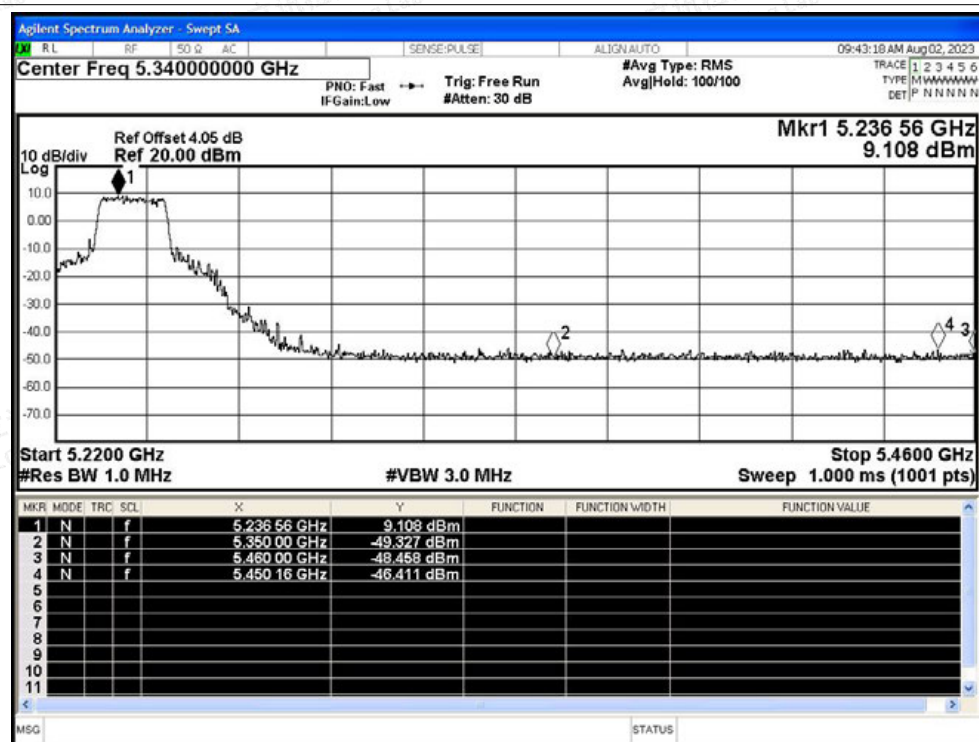
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

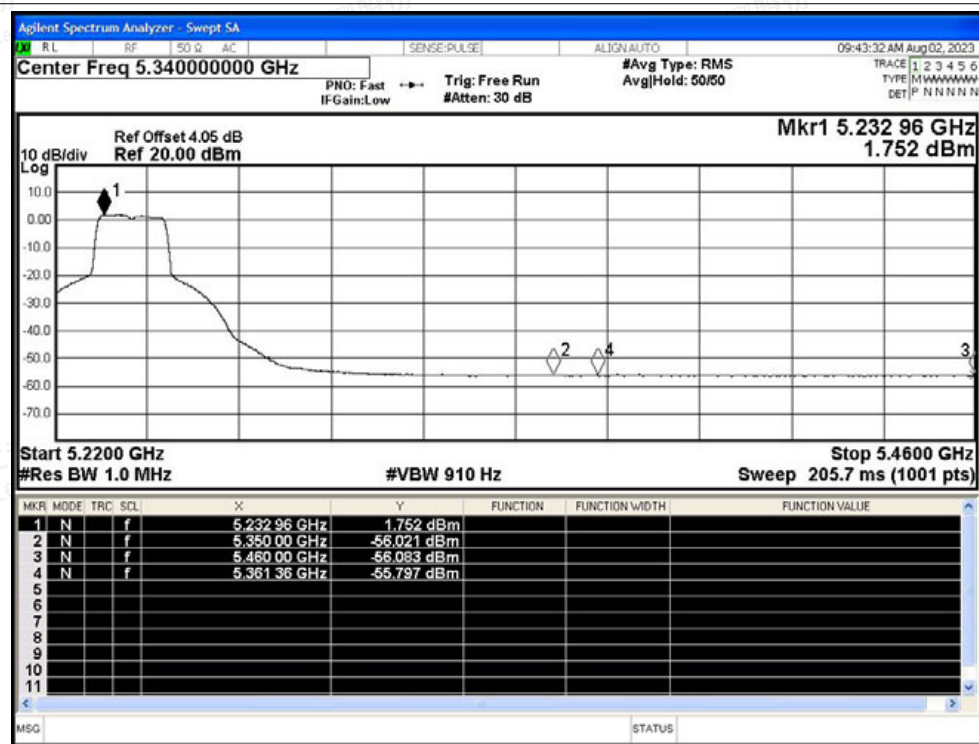
Scan code to check authenticity



Restrict Band NVNT ac20 5240MHz Ant0 Peak



Restrict Band NVNT ac20 5240MHz Ant0 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

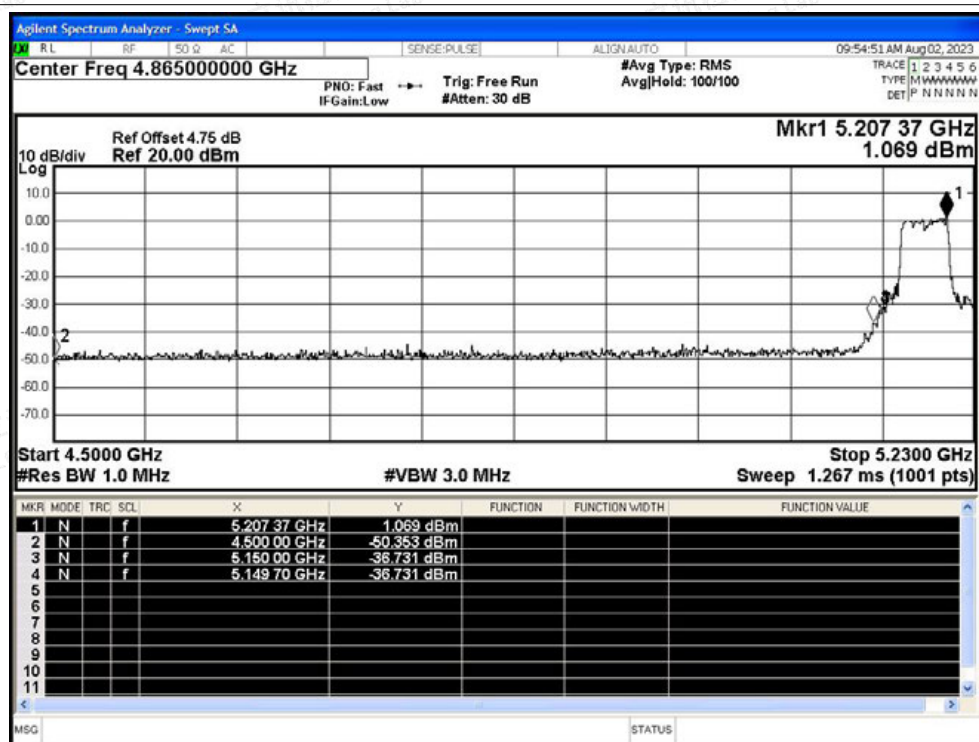
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

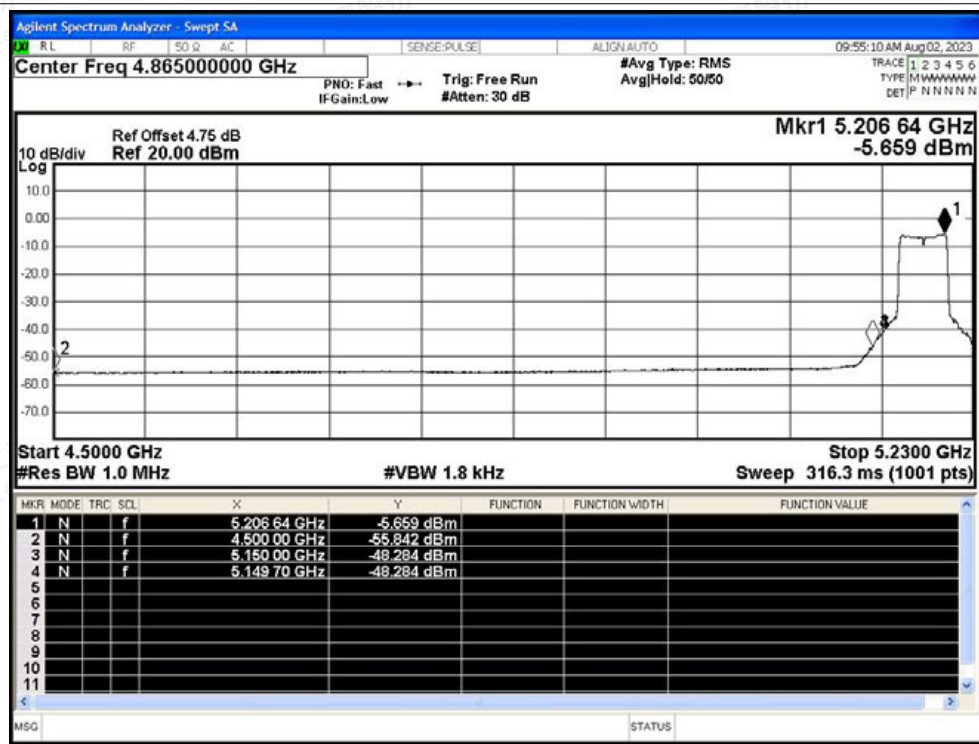
Scan code to check authenticity



Restrict Band NVNT ac40 5190MHz Ant0 Peak



Restrict Band NVNT ac40 5190MHz Ant0 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

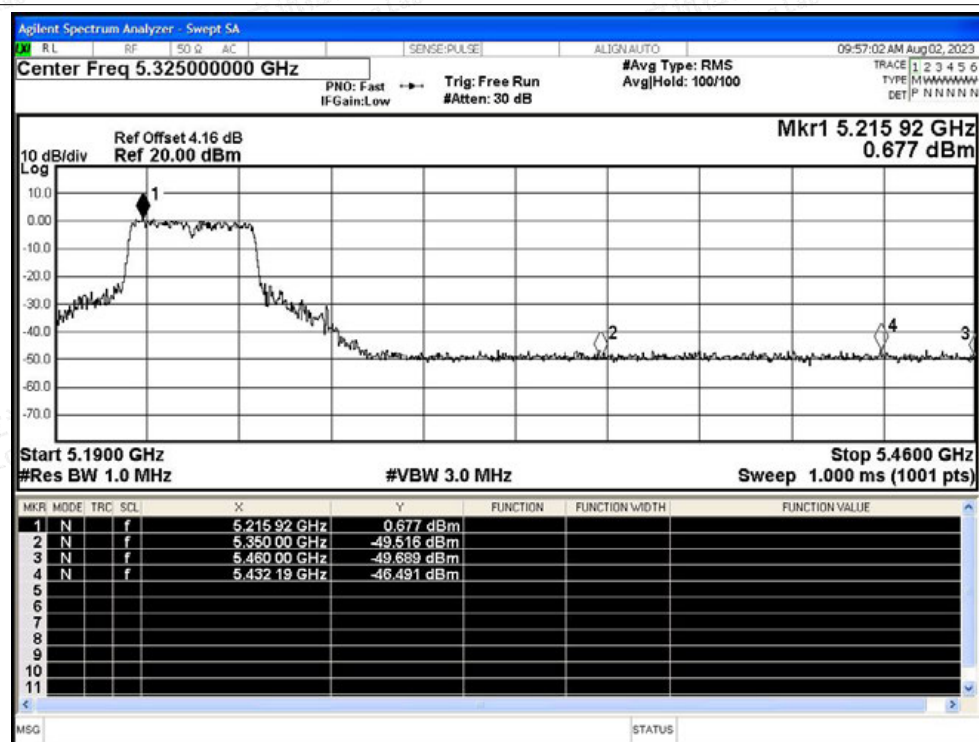
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

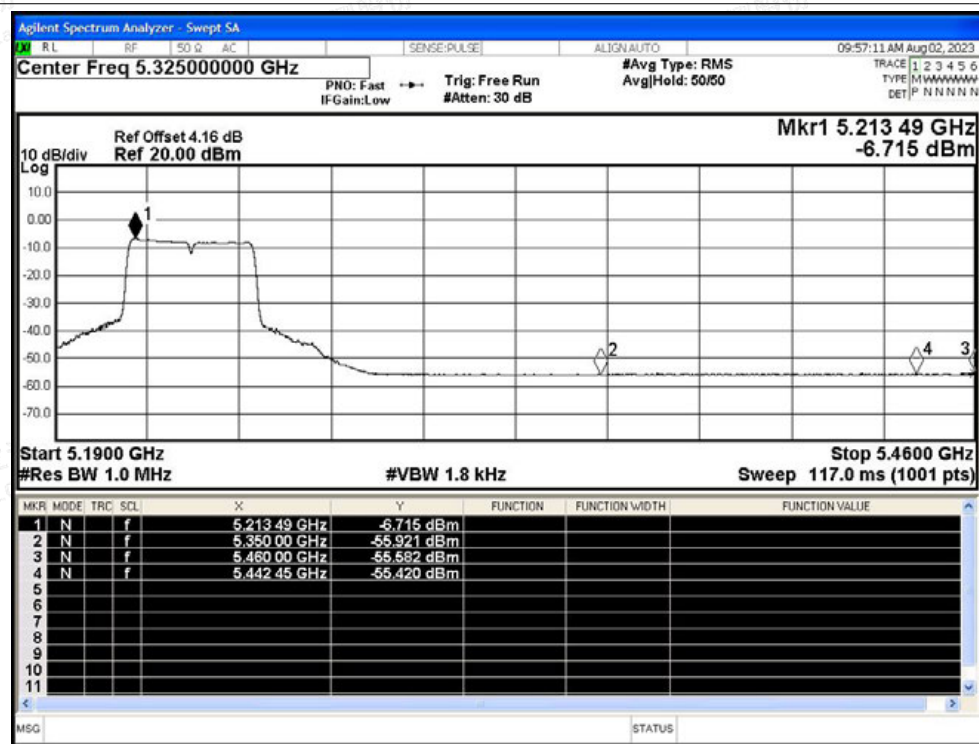
Scan code to check authenticity



Restrict Band NVNT ac40 5230MHz Ant0 Peak



Restrict Band NVNT ac40 5230MHz Ant0 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

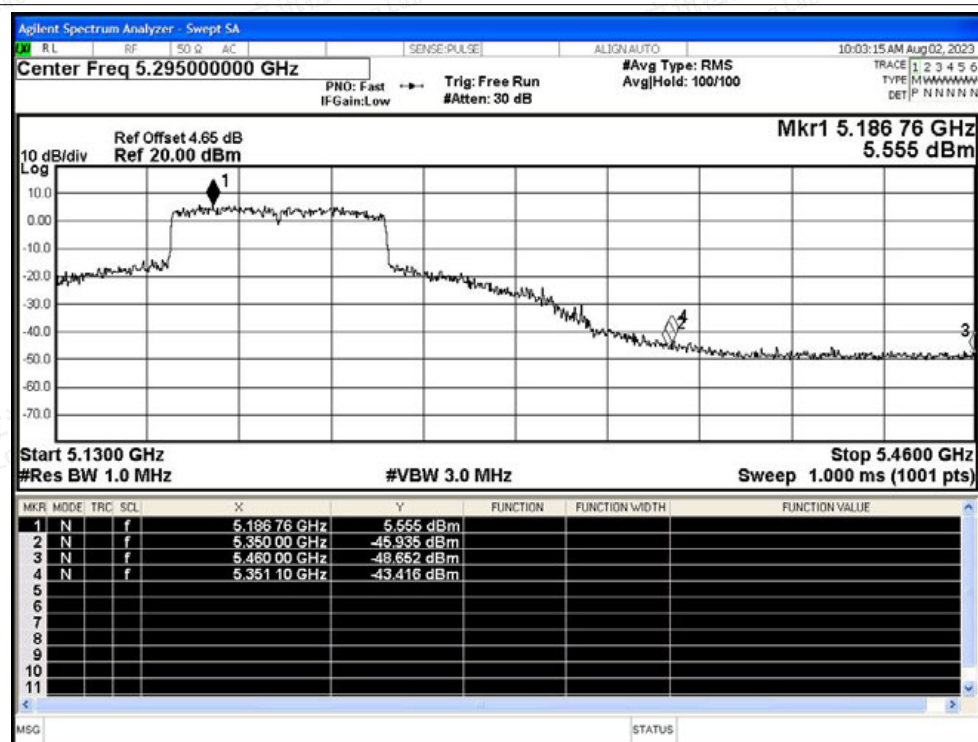
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

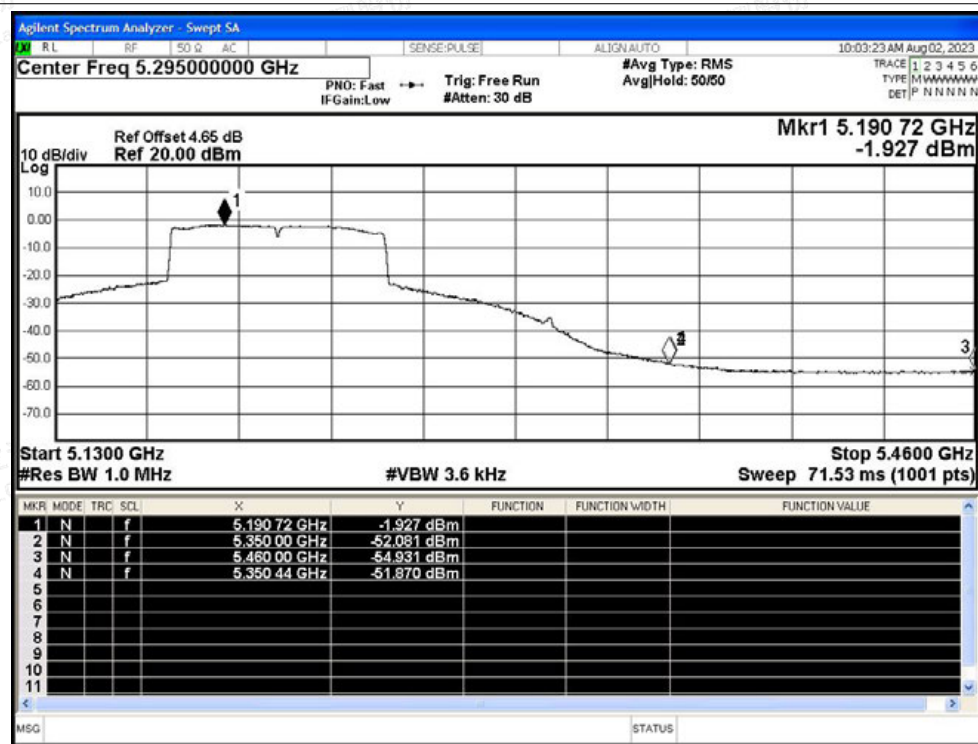
Scan code to check authenticity



Restrict Band NVNT ac80 5210MHz Ant0 Peak



Restrict Band NVNT ac80 5210MHz Ant0 Average



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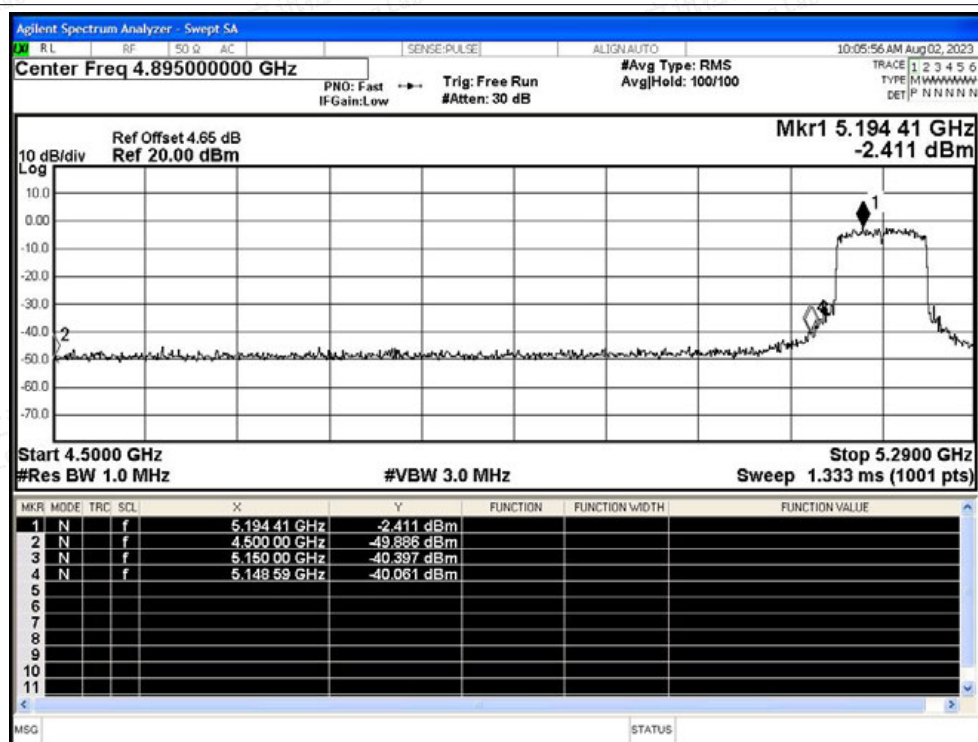
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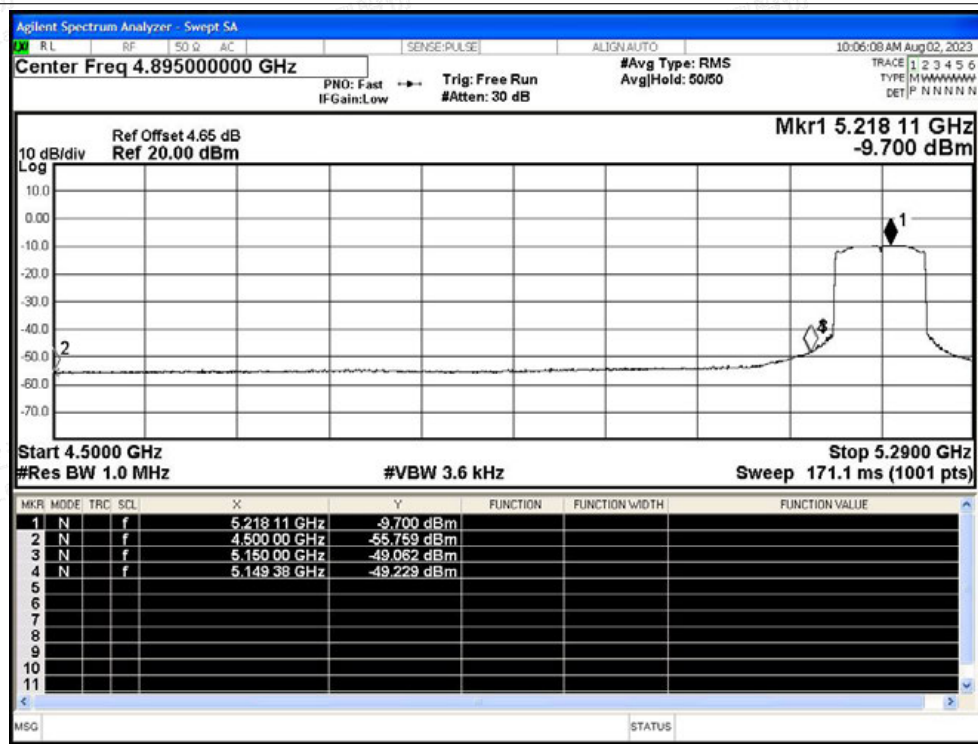
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Restrict Band NVNT ac80 5210MHz Ant0 Peak



Restrict Band NVNT ac80 5210MHz Ant0 Average



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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	-50.94	2	46.29	Peak	68.2	Pass
NVNT	a	5180	Ant1	4500	-59.81	2	37.42	Average	54	Pass
NVNT	a	5180	Ant1	5149.6	-43.13	2	54.10	Peak	68.2	Pass
NVNT	a	5180	Ant1	5149.6	-56.55	2	40.68	Average	54	Pass
NVNT	a	5180	Ant1	5150	-43.91	2	53.32	Peak	68.2	Pass
NVNT	a	5180	Ant1	5150	-56.4	2	40.83	Average	54	Pass
NVNT	a	5240	Ant1	5350	-50.03	2	47.20	Peak	68.2	Pass
NVNT	a	5240	Ant1	5350	-58.64	2	38.59	Average	54	Pass
NVNT	a	5240	Ant1	5368.32	-46.43	2	50.80	Peak	68.2	Pass
NVNT	a	5240	Ant1	5435.04	-58.33	2	38.90	Average	54	Pass
NVNT	a	5240	Ant1	5460	-50.16	2	47.07	Peak	68.2	Pass
NVNT	a	5240	Ant1	5460	-58.66	2	38.57	Average	54	Pass
NVNT	n20	5180	Ant1	4500	-50.76	2	46.47	Peak	68.2	Pass
NVNT	n20	5180	Ant1	4500	-59.84	2	37.39	Average	54	Pass
NVNT	n20	5180	Ant1	5148.2	-41.56	2	55.67	Peak	68.2	Pass
NVNT	n20	5180	Ant1	5149.6	-56.23	2	41.00	Average	54	Pass
NVNT	n20	5180	Ant1	5150	-40.73	2	56.50	Peak	68.2	Pass
NVNT	n20	5180	Ant1	5150	-55.85	2	41.38	Average	54	Pass
NVNT	n20	5240	Ant1	5350	-48.75	2	48.48	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5350	-58.54	2	38.69	Average	54	Pass
NVNT	n20	5240	Ant1	5411.52	-46.27	2	50.96	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5355.6	-58.21	2	39.02	Average	54	Pass
NVNT	n20	5240	Ant1	5460	-48.82	2	48.41	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5460	-58.73	2	38.50	Average	54	Pass
NVNT	n40	5190	Ant1	4500	-49.87	2	47.36	Peak	68.2	Pass
NVNT	n40	5190	Ant1	4500	-59.34	2	37.89	Average	54	Pass
NVNT	n40	5190	Ant1	5148.97	-36.72	2	60.51	Peak	68.2	Pass
NVNT	n40	5190	Ant1	5149.7	-53.3	2	43.93	Average	54	Pass
NVNT	n40	5190	Ant1	5150	-37.15	2	60.08	Peak	68.2	Pass
NVNT	n40	5190	Ant1	5150	-53.3	2	43.93	Average	54	Pass
NVNT	n40	5230	Ant1	5350	-49.54	2	47.69	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5350	-58.53	2	38.70	Average	54	Pass
NVNT	n40	5230	Ant1	5352.54	-47.04	2	50.19	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5394.12	-57.97	2	39.26	Average	54	Pass
NVNT	n40	5230	Ant1	5460	-48.41	2	48.82	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5460	-58.56	2	38.67	Average	54	Pass
NVNT	ac20	5180	Ant1	4500	-50.92	2	46.31	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	4500	-59.98	2	37.25	Average	54	Pass
NVNT	ac20	5180	Ant1	5147.5	-42.03	2	55.20	Peak	68.2	Pass



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NVNT	ac20	5180	Ant1	5149.6	-56.11	2	41.12	Average	54	Pass
NVNT	ac20	5180	Ant1	5150	-42.27	2	54.96	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	5150	-56.03	2	41.20	Average	54	Pass
NVNT	ac20	5240	Ant1	5350	-49.63	2	47.60	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5350	-58.66	2	38.57	Average	54	Pass
NVNT	ac20	5240	Ant1	5425.44	-46.55	2	50.68	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5352.48	-58.38	2	38.85	Average	54	Pass
NVNT	ac20	5240	Ant1	5460	-50.34	2	46.89	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5460	-58.65	2	38.58	Average	54	Pass
NVNT	ac40	5190	Ant1	4500	-50.92	2	46.31	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	4500	-59.41	2	37.82	Average	54	Pass
NVNT	ac40	5190	Ant1	5147.51	-37.2	2	60.03	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	5149.7	-53.69	2	43.54	Average	54	Pass
NVNT	ac40	5190	Ant1	5150	-38.88	2	58.35	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	5150	-53.69	2	43.54	Average	54	Pass
NVNT	ac40	5230	Ant1	5350	-49.29	2	47.94	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5350	-58.33	2	38.90	Average	54	Pass
NVNT	ac40	5230	Ant1	5445.15	-46.72	2	50.51	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5380.89	-57.88	2	39.35	Average	54	Pass
NVNT	ac40	5230	Ant1	5460	-48.5	2	48.73	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5460	-58.33	2	38.90	Average	54	Pass
NVNT	ac80	5210	Ant1	5350	-48.29	2	48.94	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5350	-58.13	2	39.10	Average	54	Pass
NVNT	ac80	5210	Ant1	5372.88	-45.76	2	51.47	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5363.31	-57.32	2	39.91	Average	54	Pass
NVNT	ac80	5210	Ant1	5460	-49.42	2	47.81	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5460	-58.39	2	38.84	Average	54	Pass
NVNT	ac80	5210	Ant1	4500	-50.6	2	46.63	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	4500	-59	2	38.23	Average	54	Pass
NVNT	ac80	5210	Ant1	5147.8	-38.9	2	58.33	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5147.8	-51.02	2	46.21	Average	54	Pass
NVNT	ac80	5210	Ant1	5150	-39.84	2	57.39	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5150	-50.98	2	46.25	Average	54	Pass



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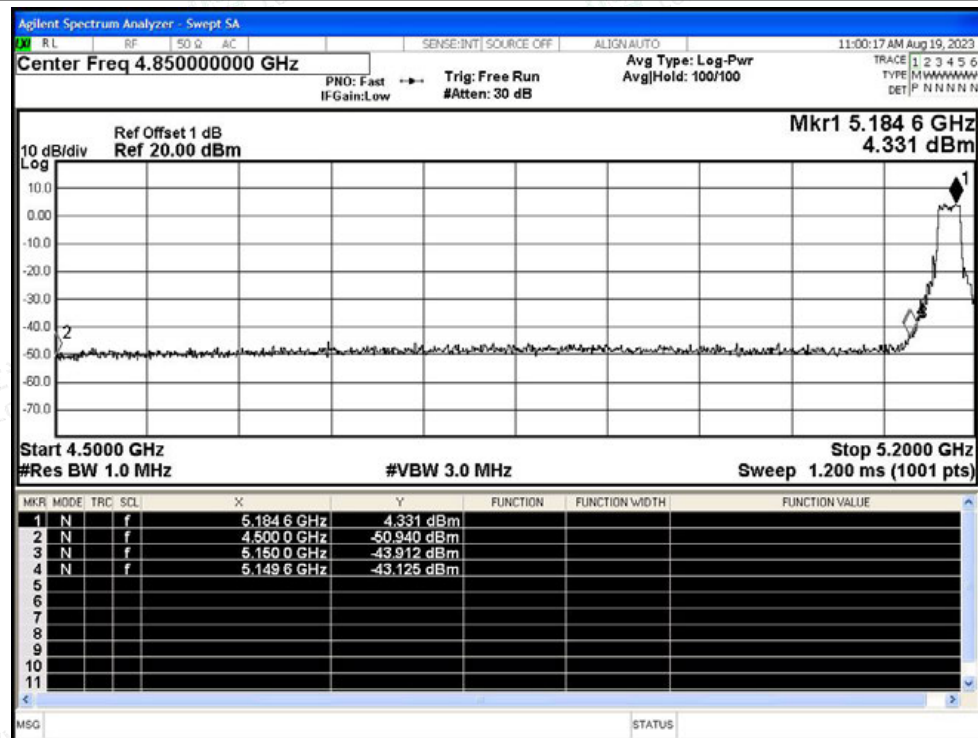
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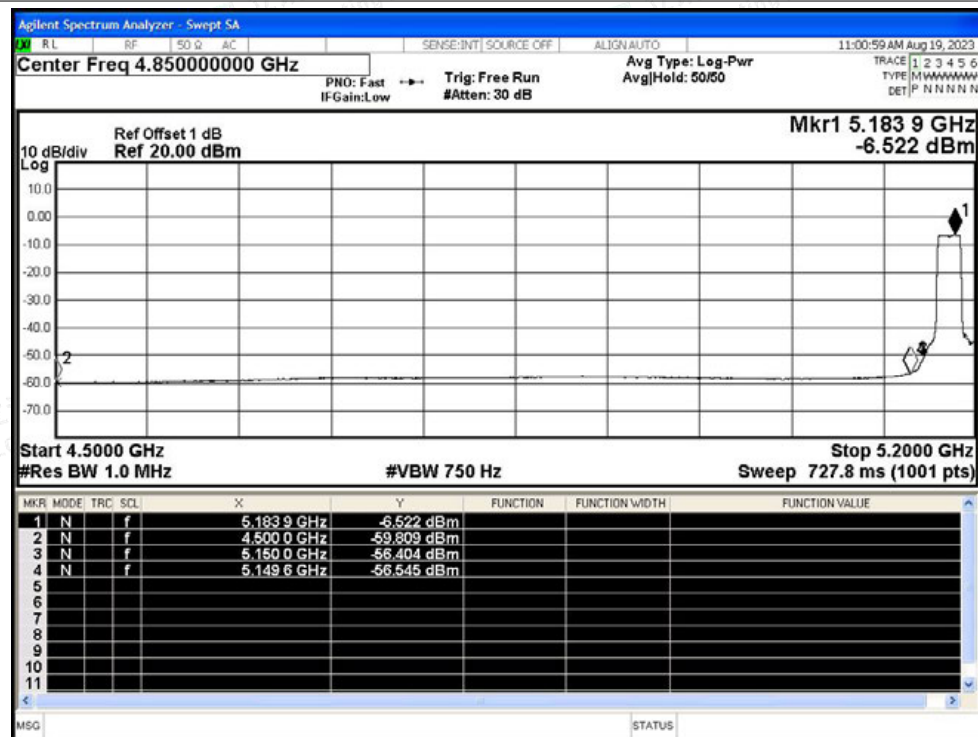


Test Graphs

Restrict Band NVNT a 5180MHz Ant1 Peak



Restrict Band NVNT a 5180MHz Ant1 Average



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