



Appendix C

RF Test Data for 5.2GWIFI (Conducted Measurement)

Product Name: Network Media Player

Test Model: Pro One 8K

Environmental Conditions

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



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C.1 -26dB Bandwidth

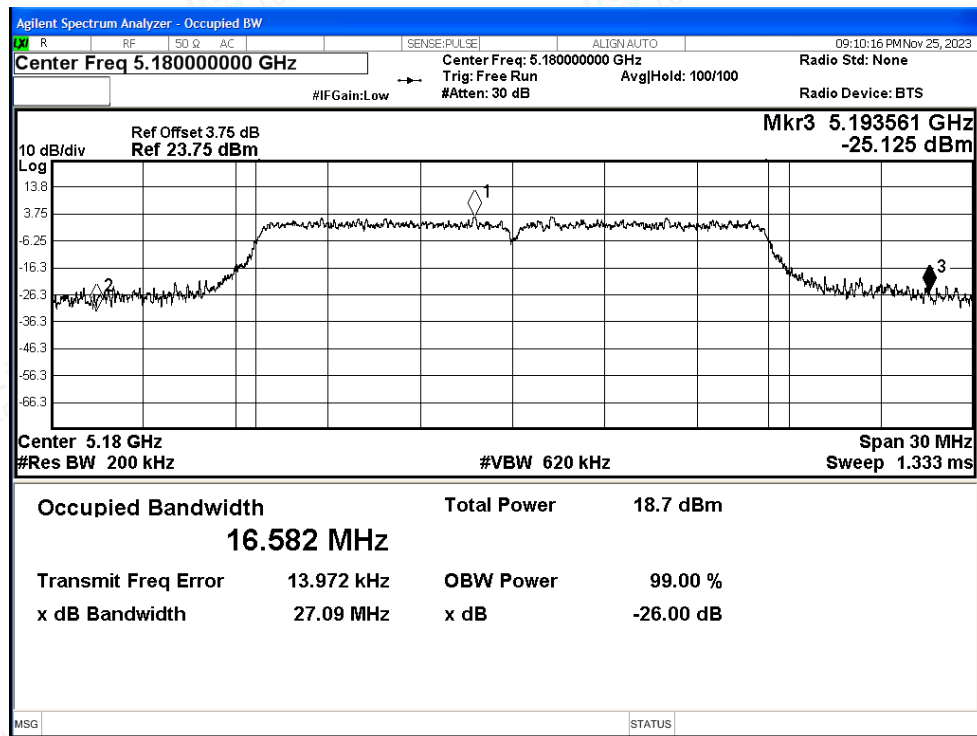
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant0	27.093	---	Pass
NVNT	a	5200	Ant0	25.827	---	Pass
NVNT	a	5240	Ant0	24.493	---	Pass
NVNT	n20	5180	Ant0	28.742	---	Pass
NVNT	n20	5200	Ant0	28.61	---	Pass
NVNT	n20	5240	Ant0	27.53	---	Pass
NVNT	n40	5190	Ant0	47.872	---	Pass
NVNT	n40	5230	Ant0	47.495	---	Pass
NVNT	ac20	5180	Ant0	29.315	---	Pass
NVNT	ac20	5200	Ant0	26.407	---	Pass
NVNT	ac20	5240	Ant0	24.269	---	Pass
NVNT	ac40	5190	Ant0	46.698	---	Pass
NVNT	ac40	5230	Ant0	48.622	---	Pass
NVNT	ac80	5210	Ant0	102.547	---	Pass



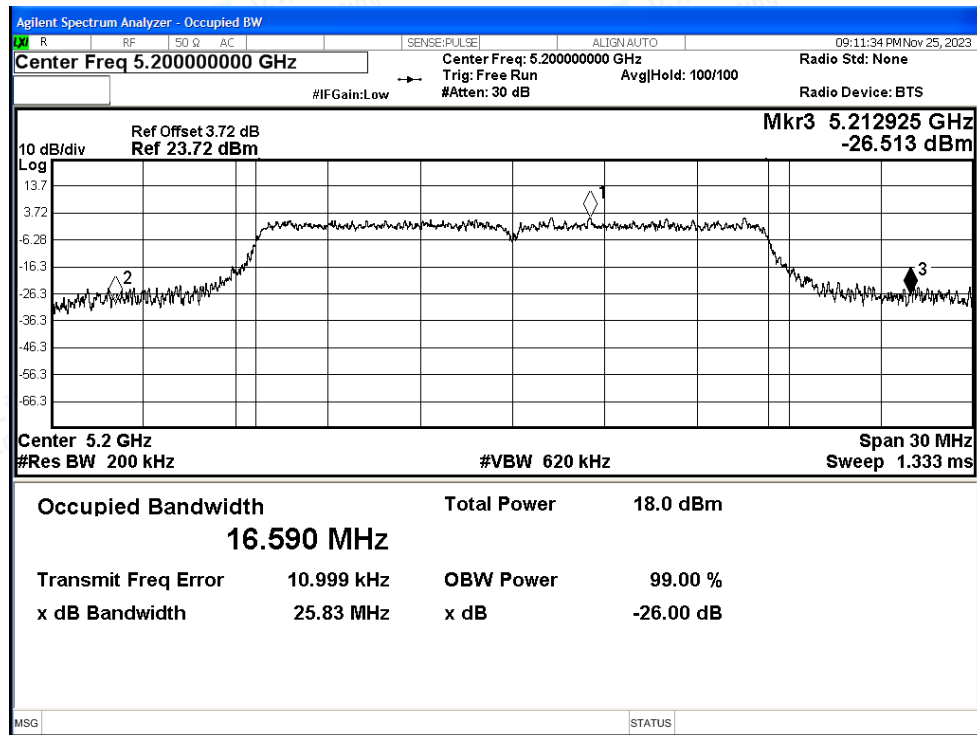


Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant0

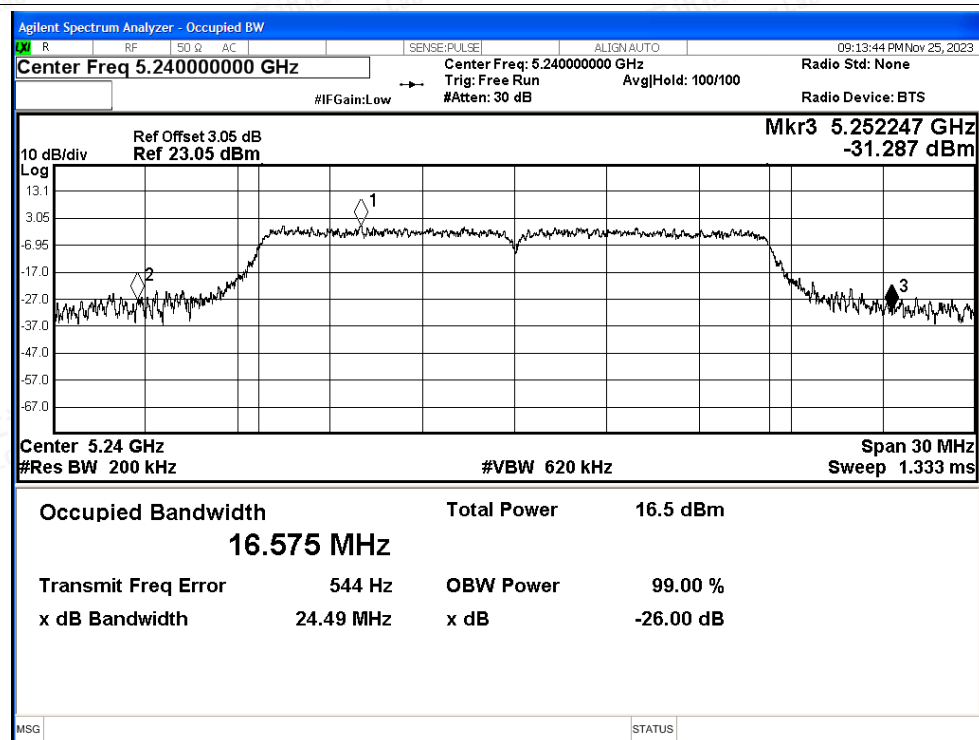


-26dB Bandwidth NVNT a 5200MHz Ant0





-26dB Bandwidth NVNT a 5240MHz Ant0

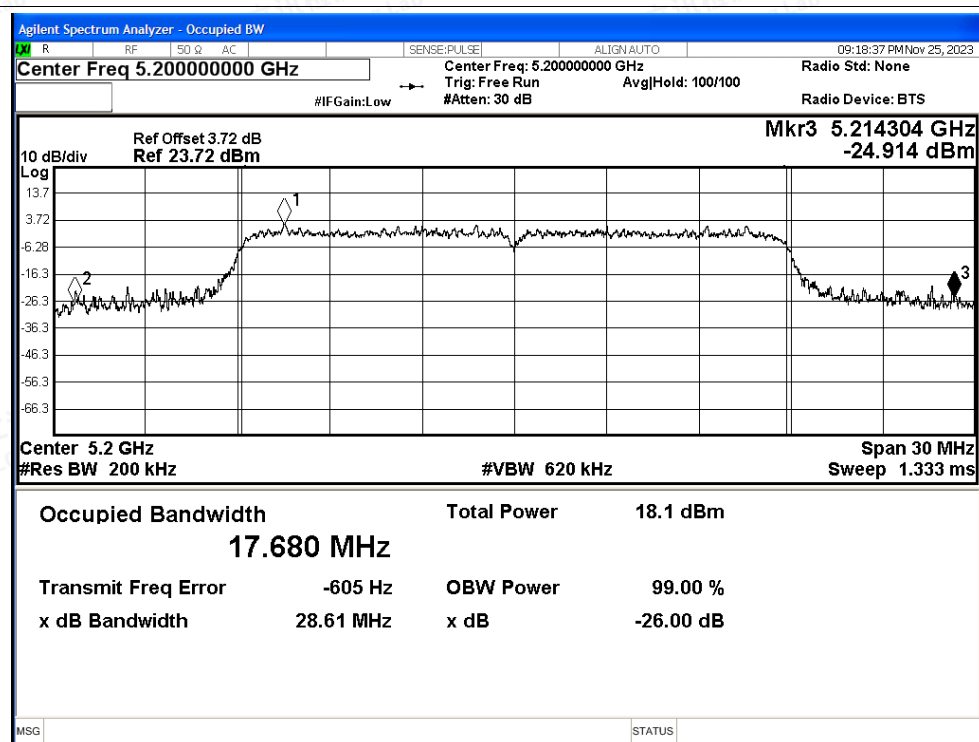


-26dB Bandwidth NVNT n20 5180MHz Ant0

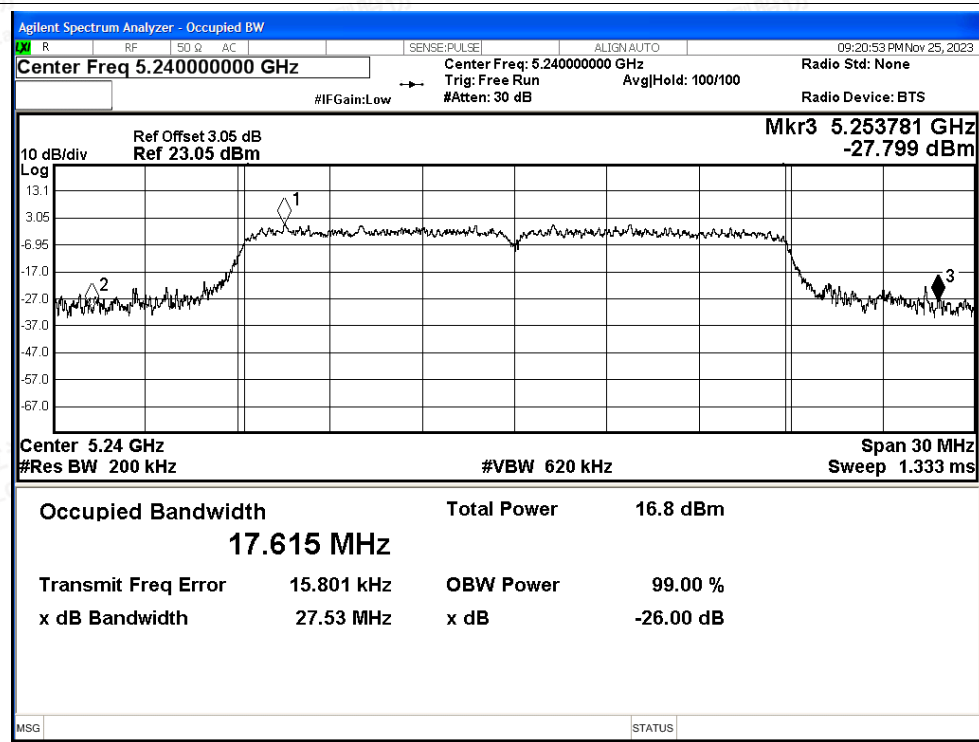




-26dB Bandwidth NVNT n20 5200MHz Ant0



-26dB Bandwidth NVNT n20 5240MHz Ant0



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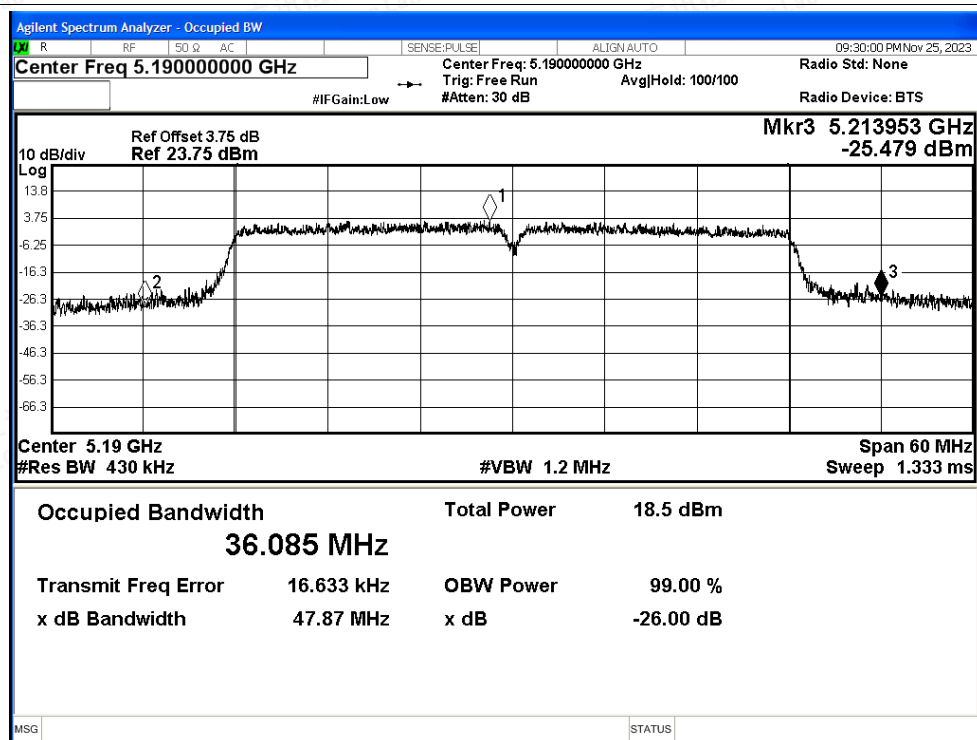
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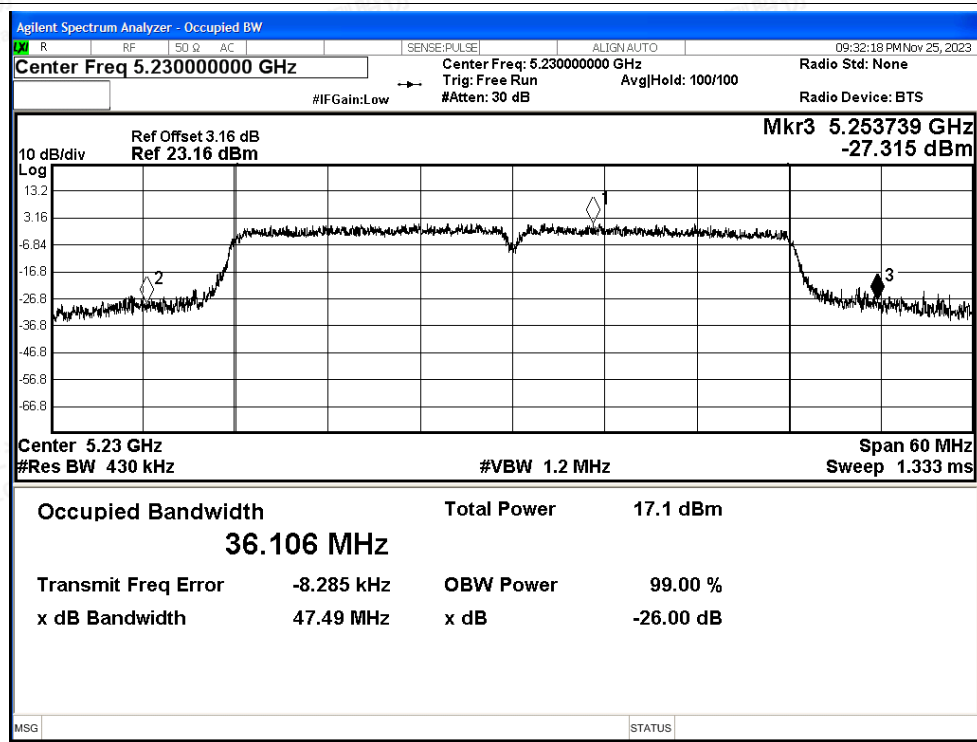
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-26dB Bandwidth NVNT n40 5190MHz Ant0



-26dB Bandwidth NVNT n40 5230MHz Ant0



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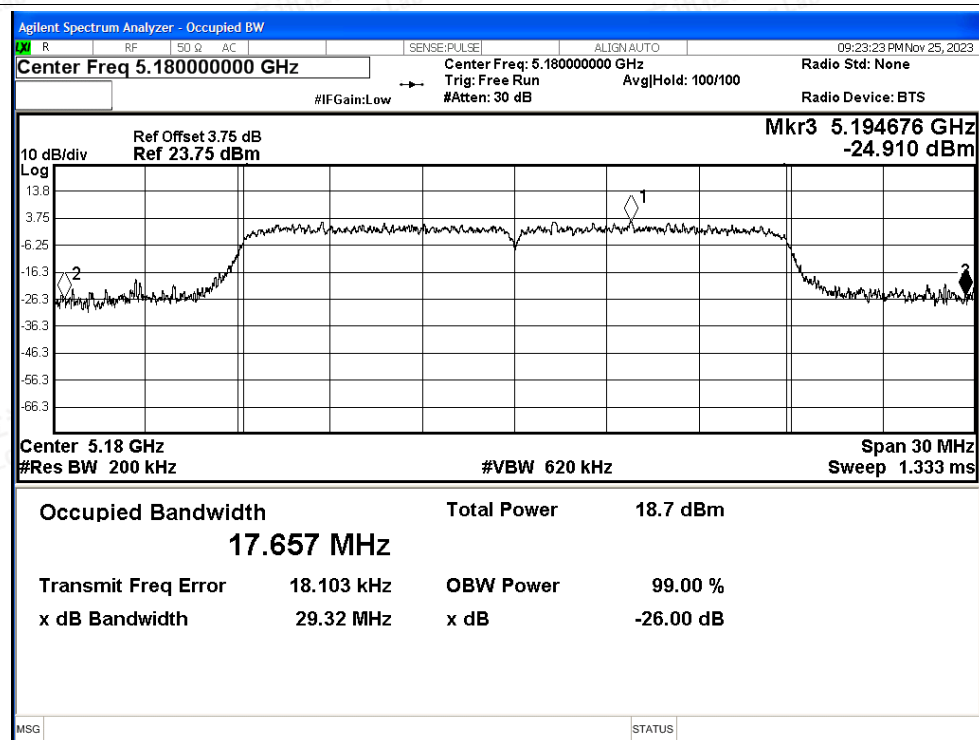
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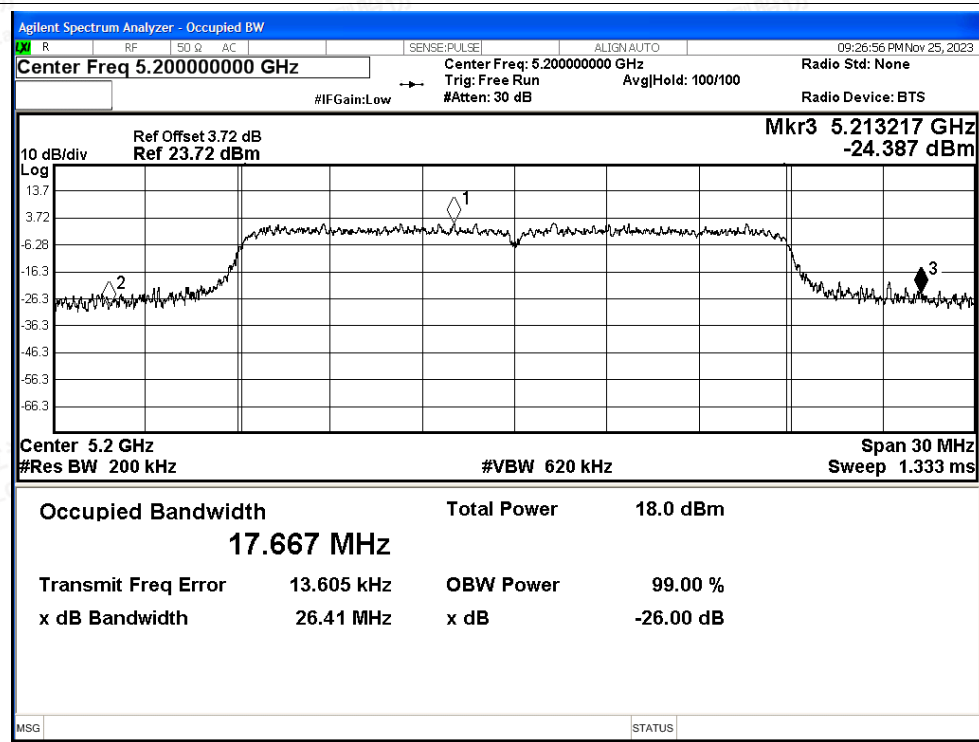
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5180MHz Ant0



-26dB Bandwidth NVNT ac20 5200MHz Ant0



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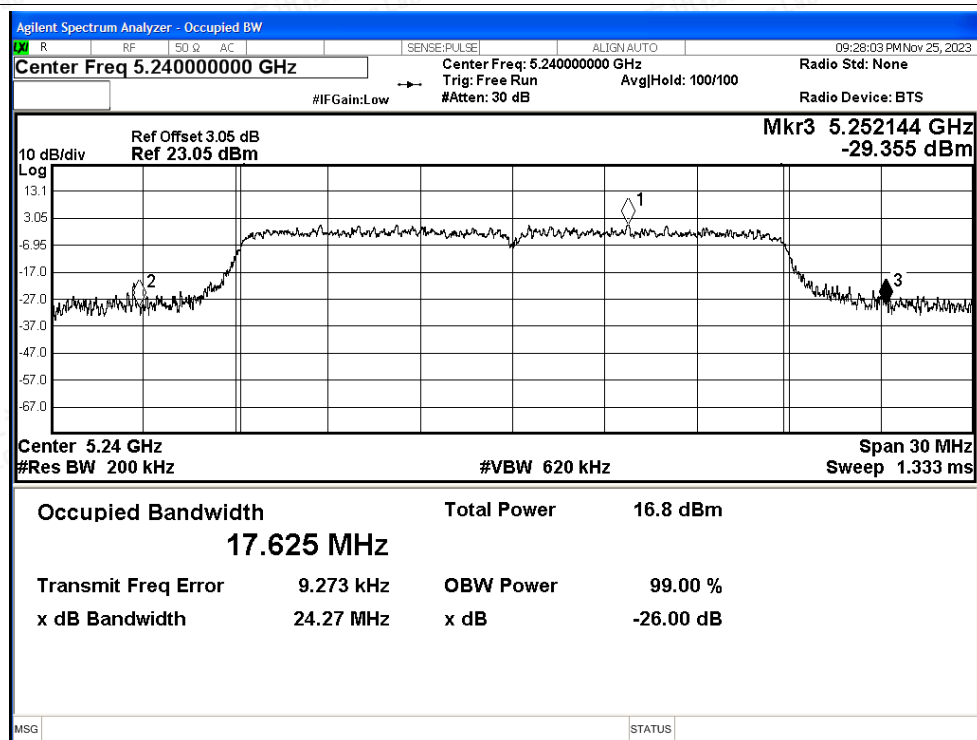
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

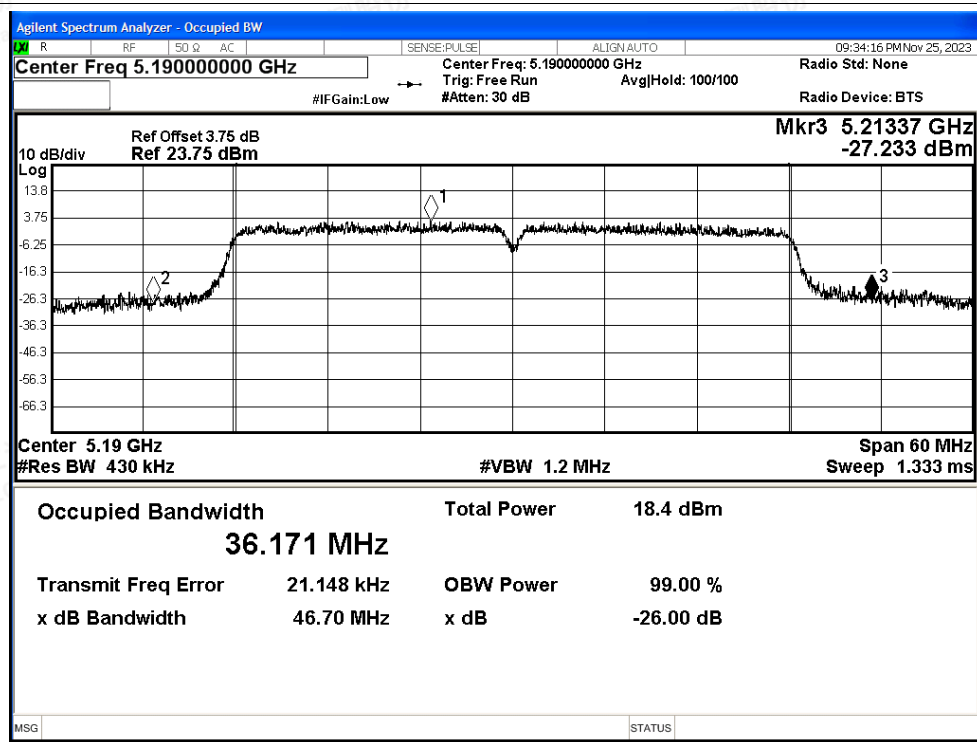
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-26dB Bandwidth NVNT ac20 5240MHz Ant0

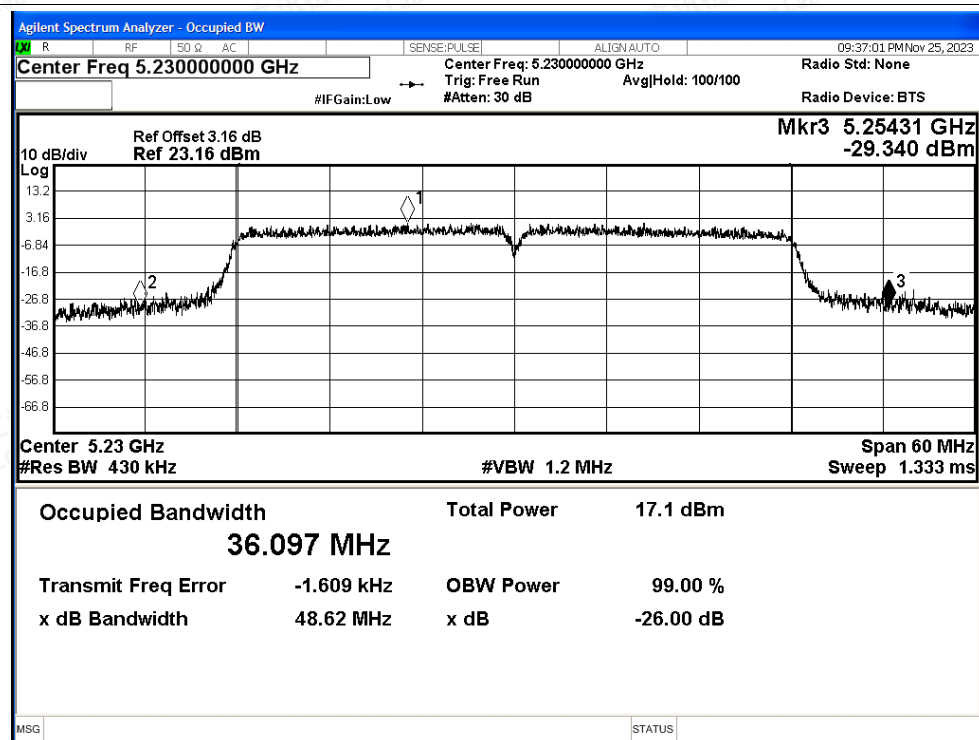


-26dB Bandwidth NVNT ac40 5190MHz Ant0

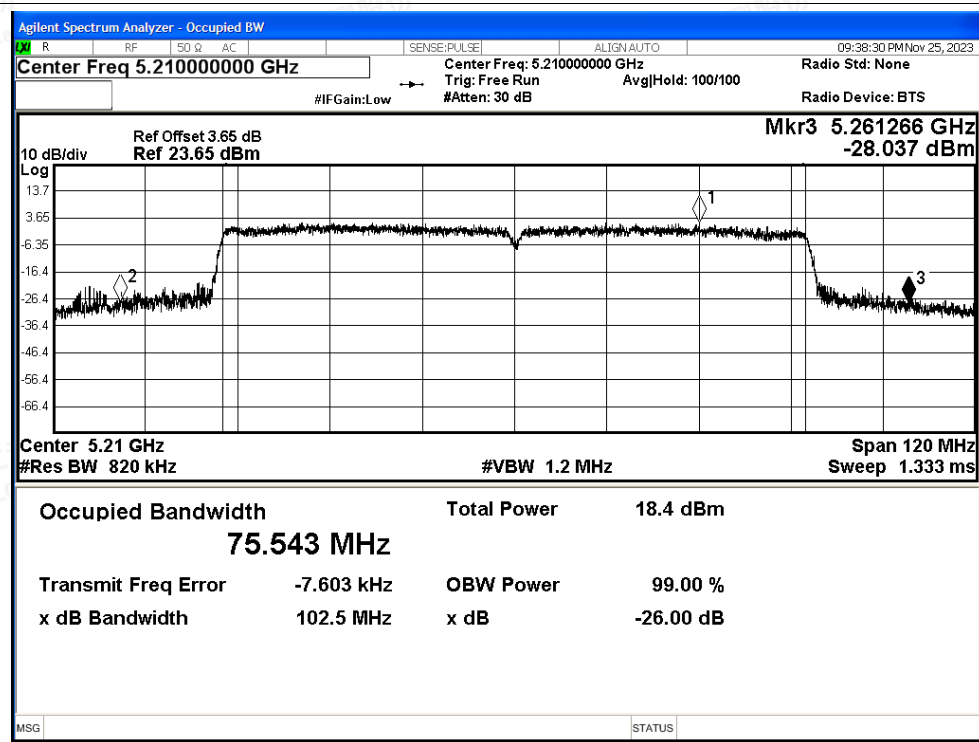




-26dB Bandwidth NVNT ac40 5230MHz Ant0



-26dB Bandwidth NVNT ac80 5210MHz Ant0





Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	24.276	---	Pass
NVNT	a	5200	Ant1	26.452	---	Pass
NVNT	a	5240	Ant1	22.138	---	Pass
NVNT	n20	5180	Ant1	25.695	---	Pass
NVNT	n20	5200	Ant1	25.374	---	Pass
NVNT	n20	5240	Ant1	26.732	---	Pass
NVNT	n40	5190	Ant1	44.65	---	Pass
NVNT	n40	5230	Ant1	39.374	---	Pass
NVNT	ac20	5180	Ant1	27.072	---	Pass
NVNT	ac20	5200	Ant1	27.802	---	Pass
NVNT	ac20	5240	Ant1	26.973	---	Pass
NVNT	ac40	5190	Ant1	40.546	---	Pass
NVNT	ac40	5230	Ant1	41.269	---	Pass
NVNT	ac80	5210	Ant1	82.087	---	Pass

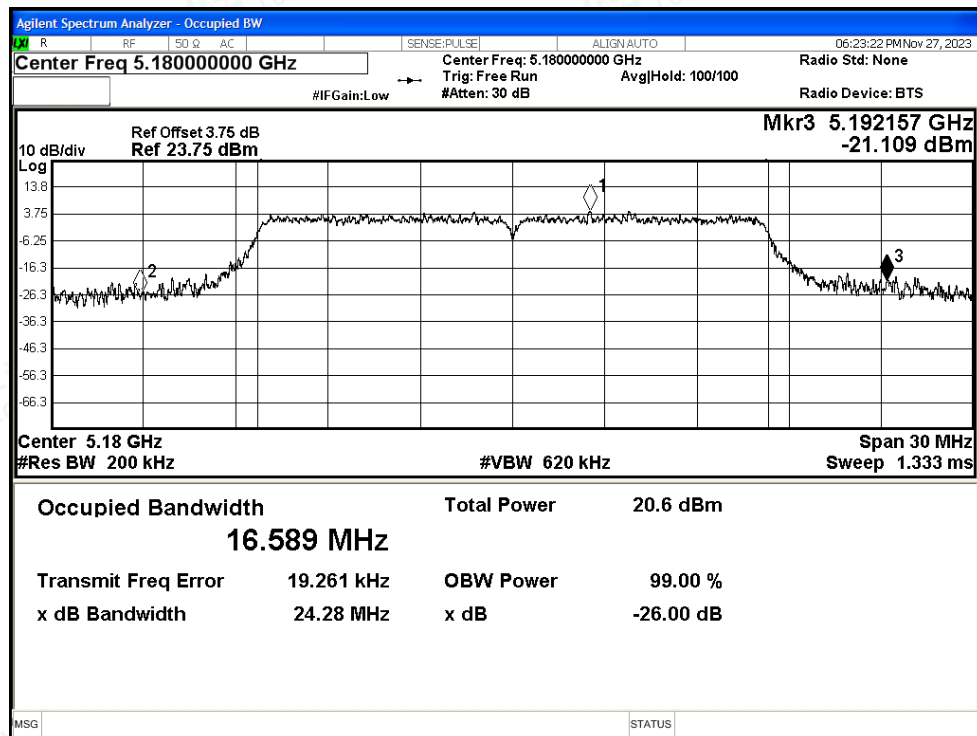


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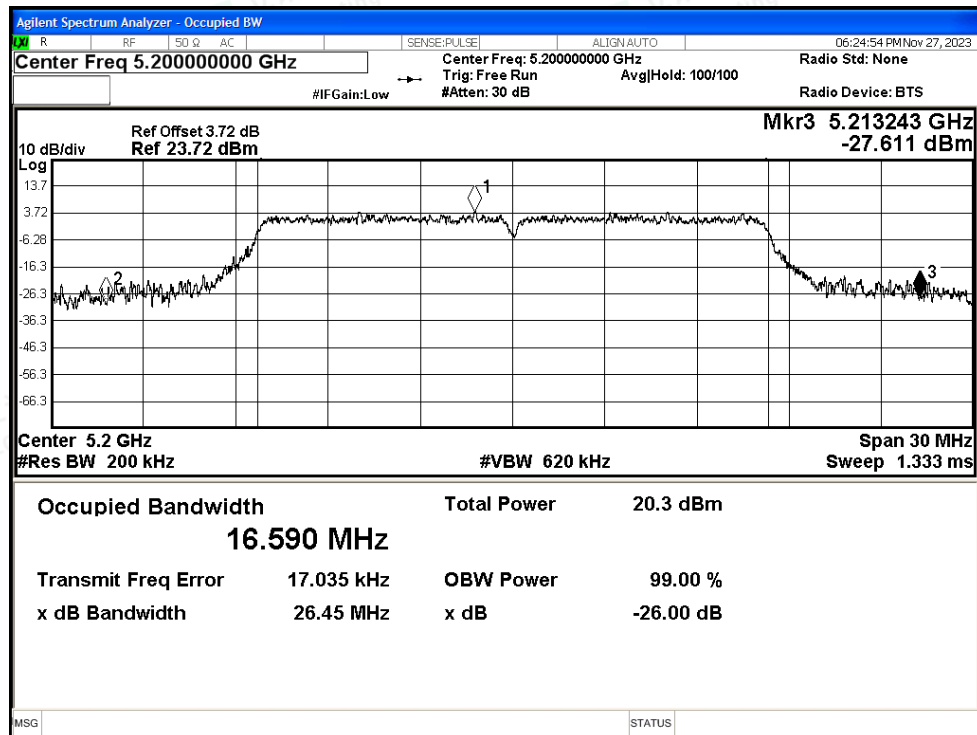


Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1

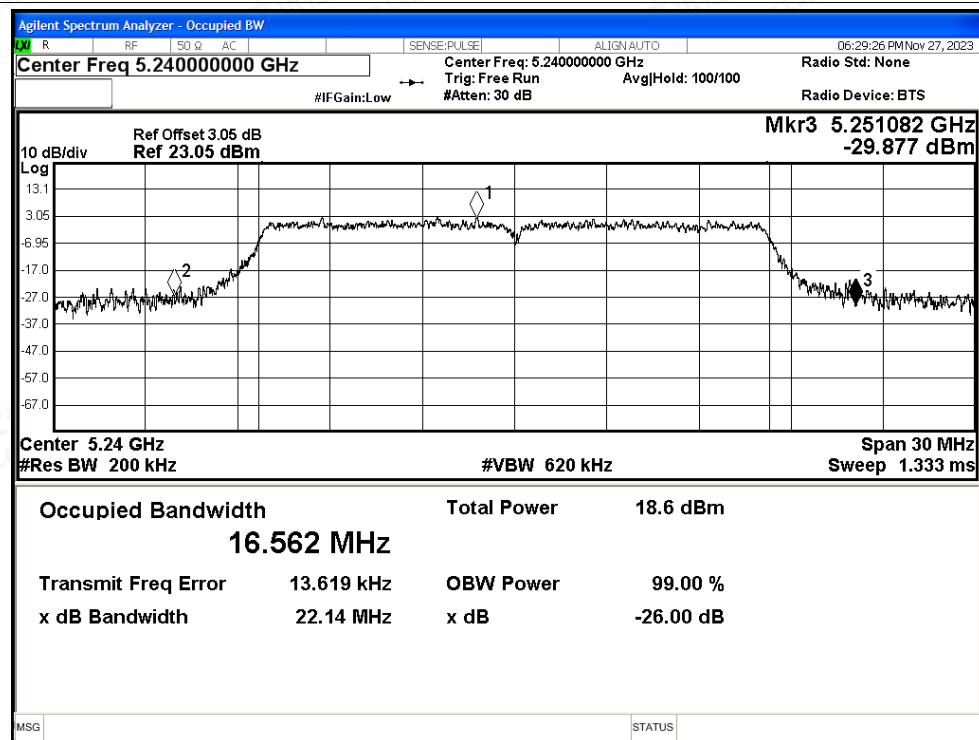


-26dB Bandwidth NVNT a 5200MHz Ant1

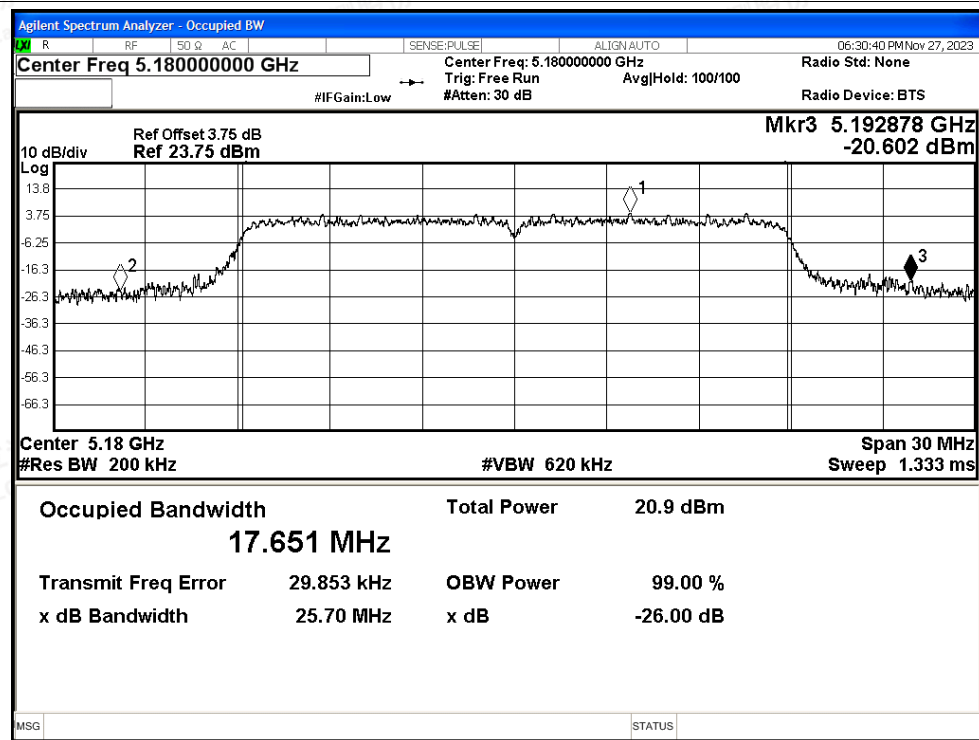




-26dB Bandwidth NVNT a 5240MHz Ant1

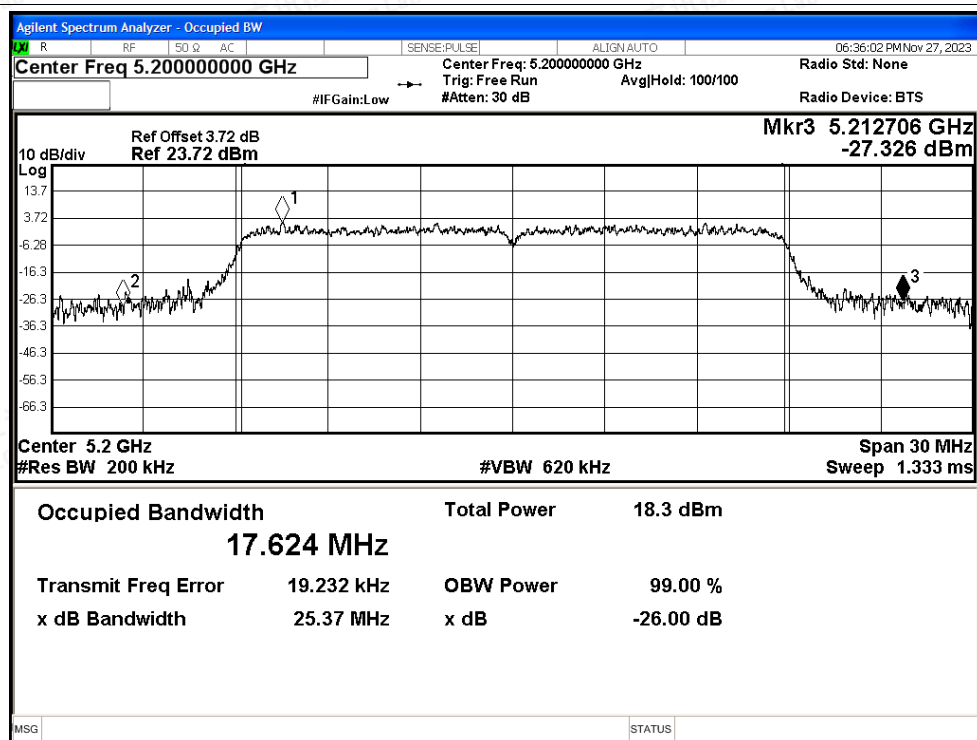


-26dB Bandwidth NVNT n20 5180MHz Ant1

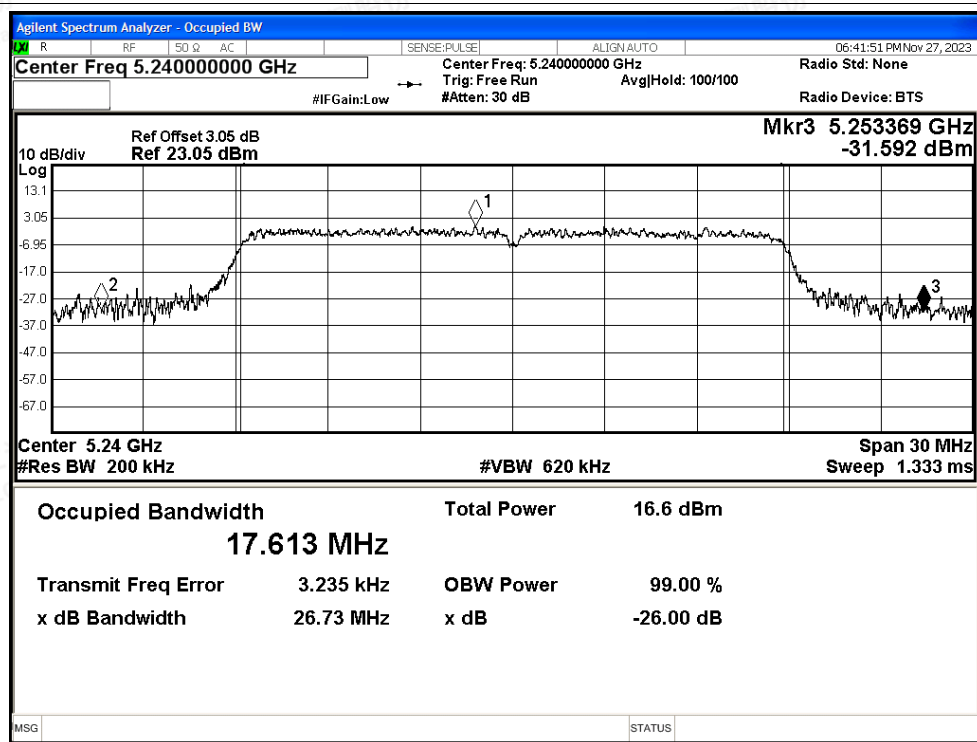




-26dB Bandwidth NVNT n20 5200MHz Ant1



-26dB Bandwidth NVNT n20 5240MHz Ant1



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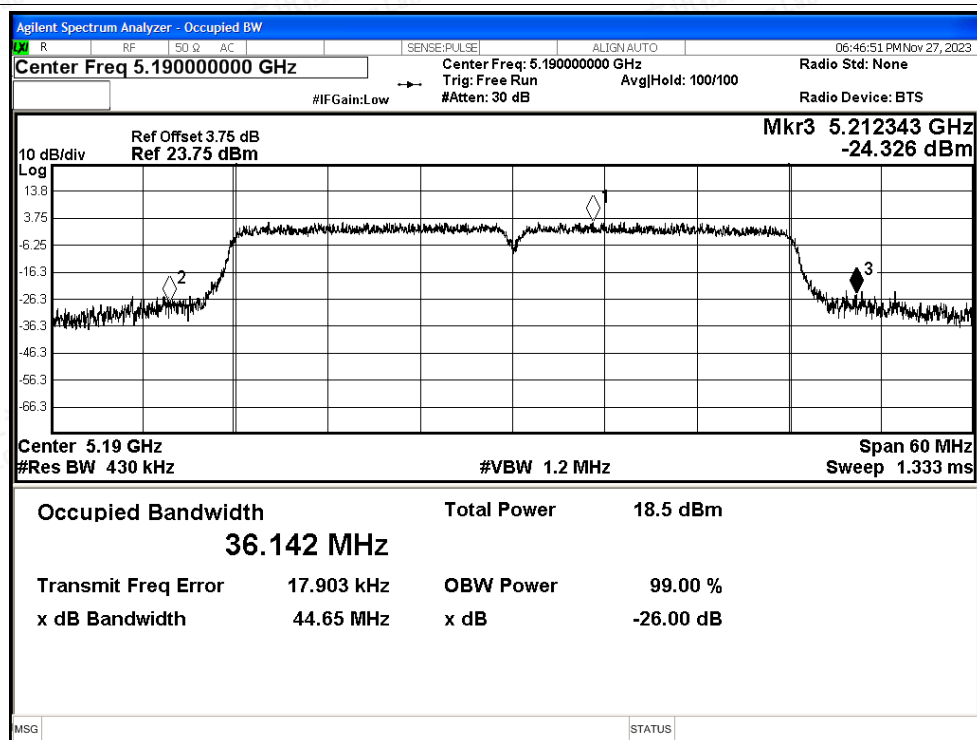
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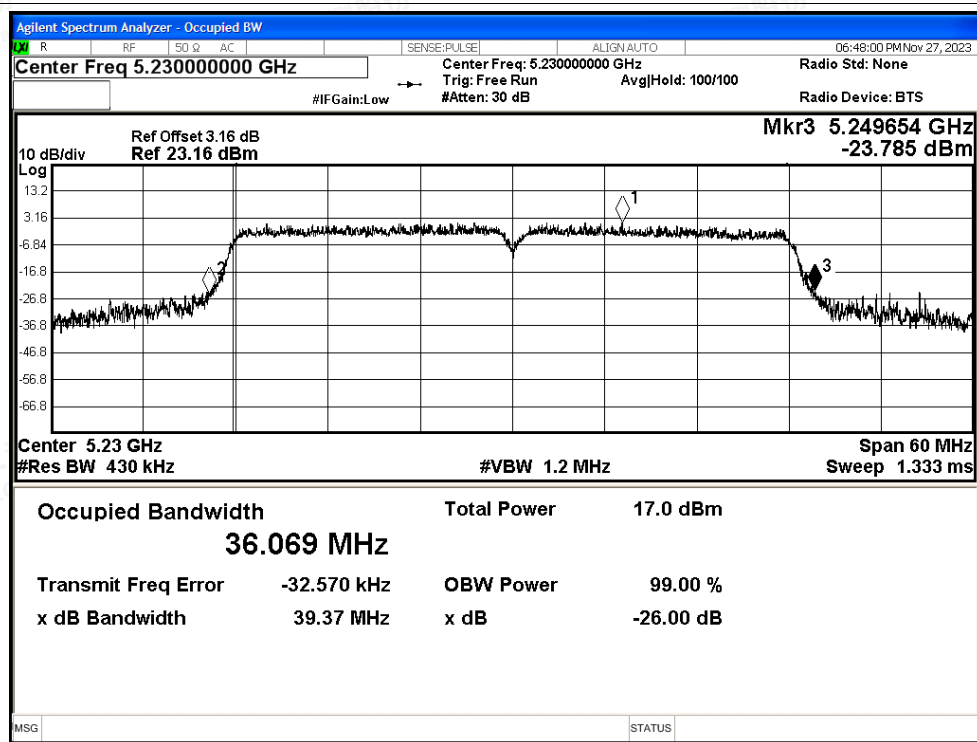
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-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1



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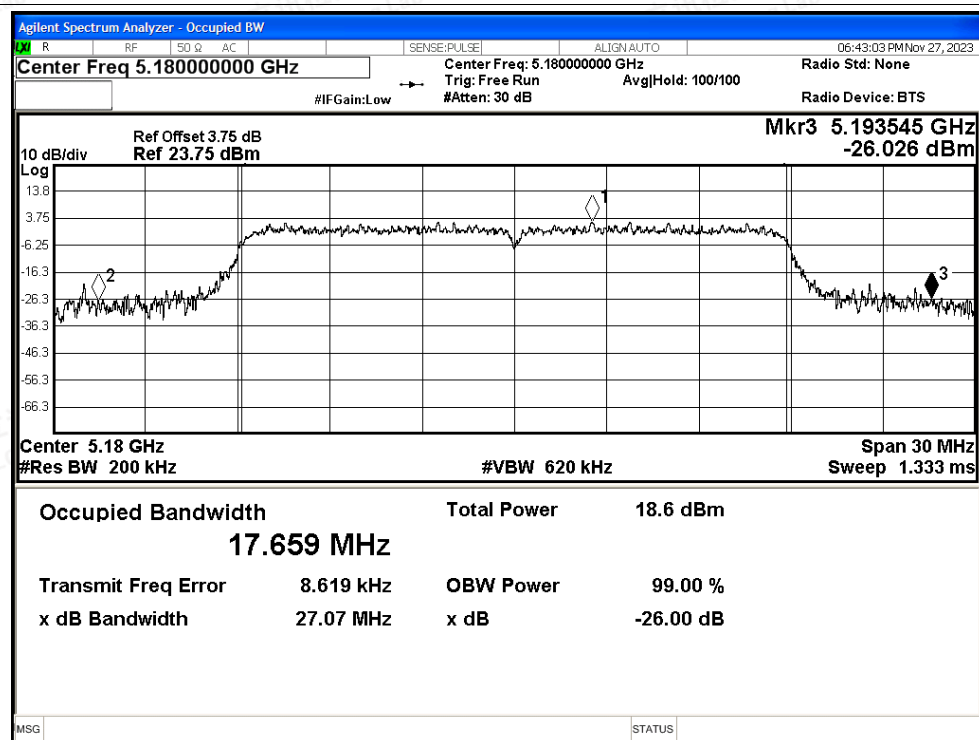
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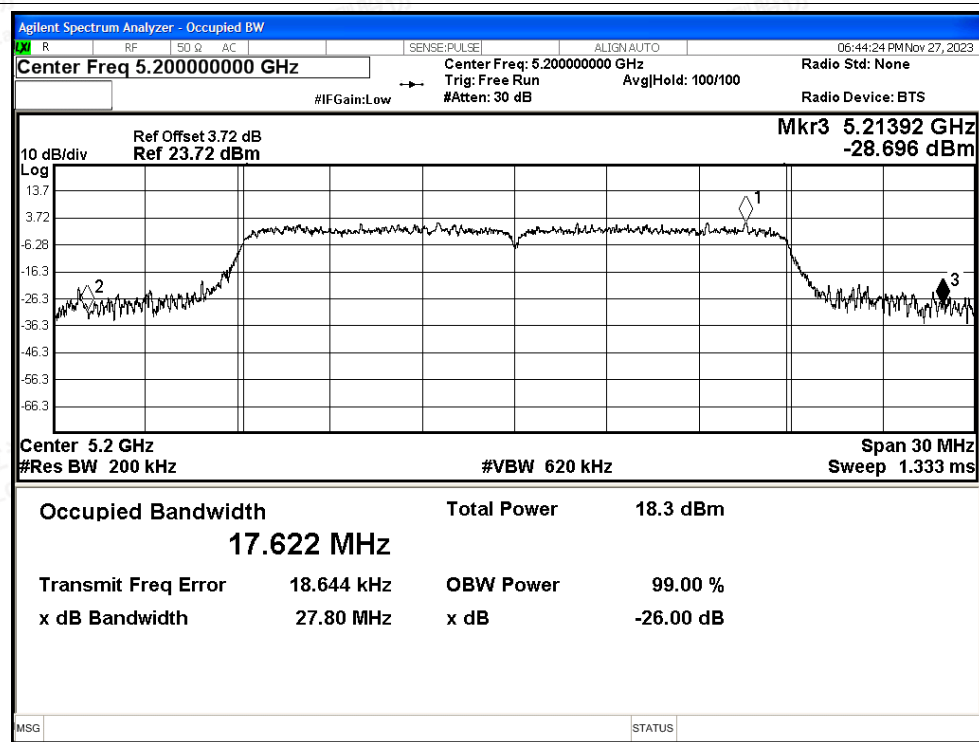
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-26dB Bandwidth NVNT ac20 5180MHz Ant1



-26dB Bandwidth NVNT ac20 5200MHz Ant1



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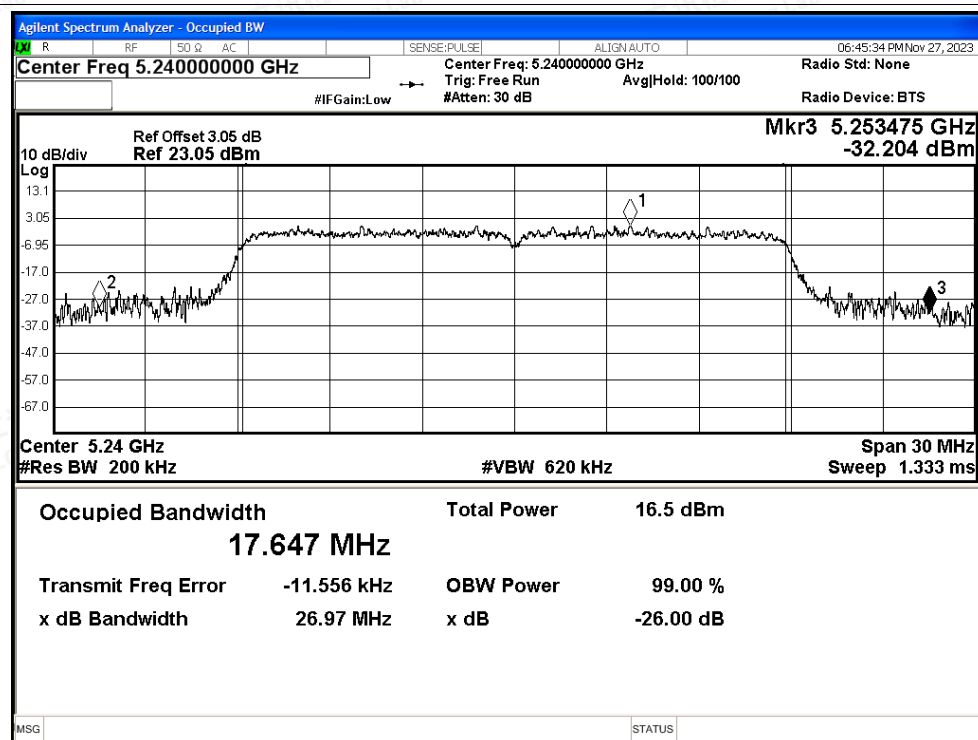
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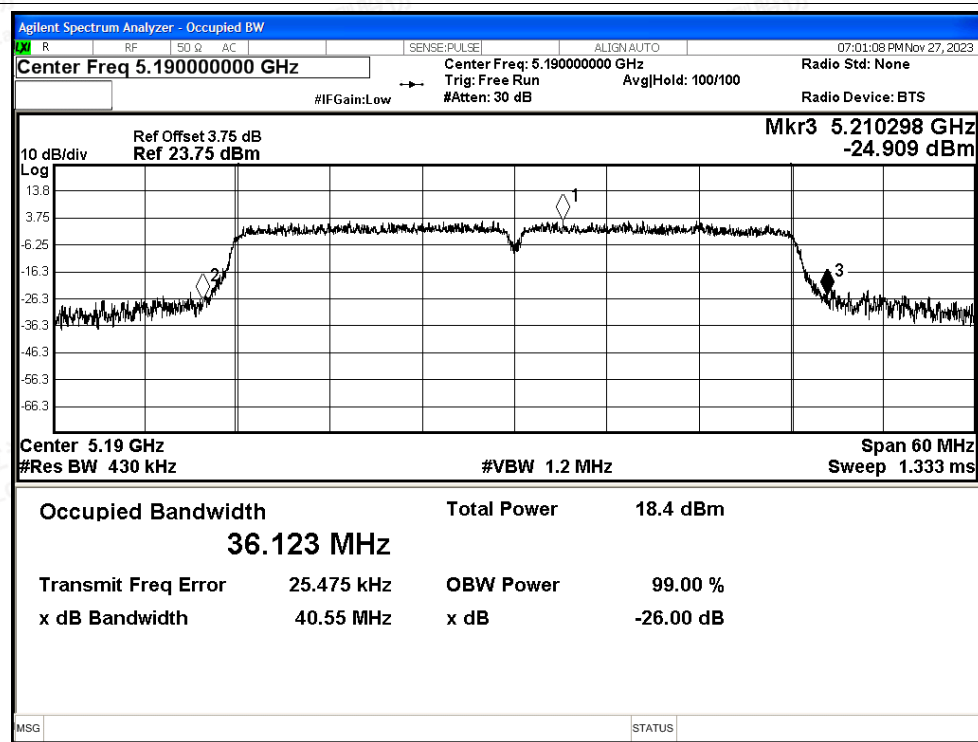
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-26dB Bandwidth NVNT ac20 5240MHz Ant1



-26dB Bandwidth NVNT ac40 5190MHz Ant1



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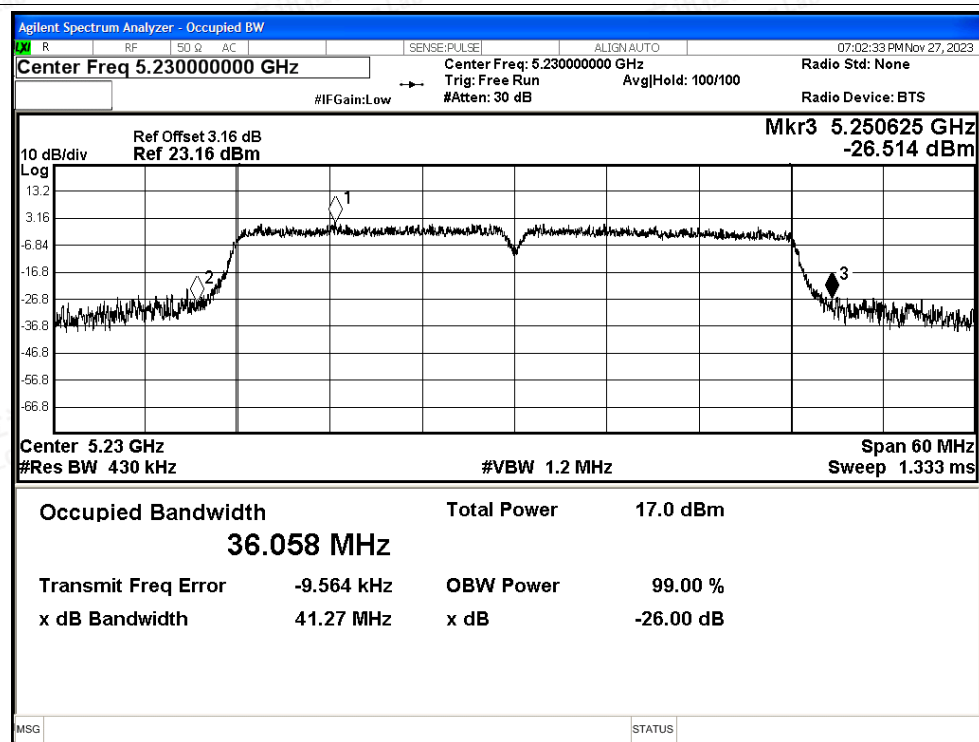
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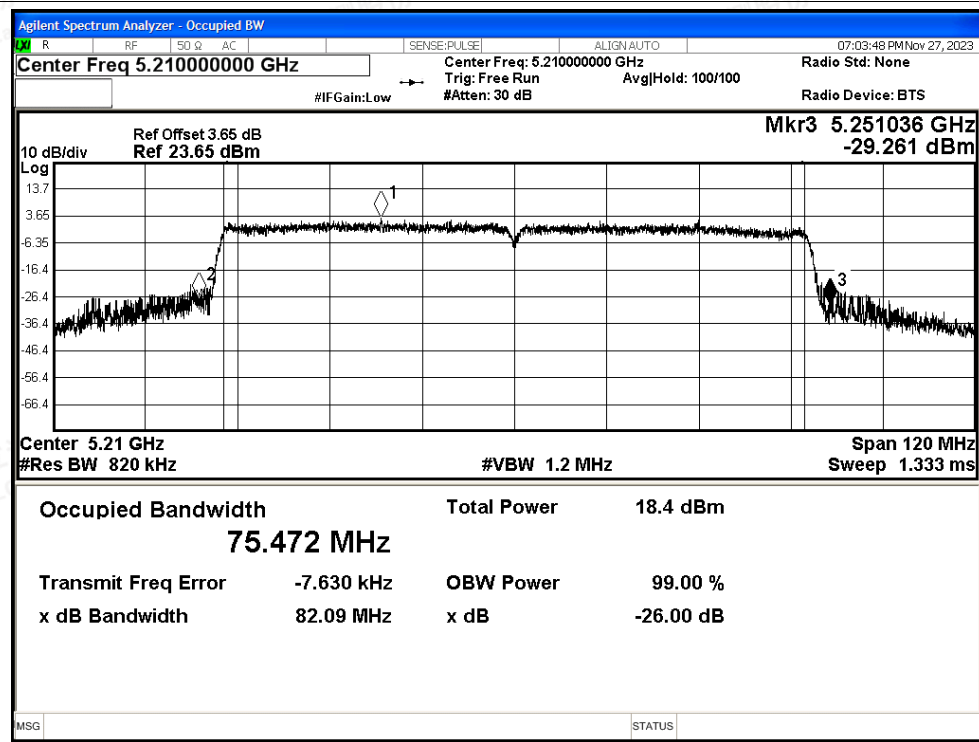
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-26dB Bandwidth NVNT ac40 5230MHz Ant1



-26dB Bandwidth NVNT ac80 5210MHz Ant1





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	12.96	0.19	13.15	24	Pass
NVNT	a	5200	Ant0	12.27	0.19	12.46	24	Pass
NVNT	a	5240	Ant0	10.75	0.19	10.94	24	Pass
NVNT	n20	5180	Ant0	13.16	0.23	13.39	24	Pass
NVNT	n20	5200	Ant0	12.44	0.22	12.66	24	Pass
NVNT	n20	5240	Ant0	11.12	0.23	11.35	24	Pass
NVNT	n40	5190	Ant0	12.35	0.44	12.79	24	Pass
NVNT	n40	5230	Ant0	10.9	0.44	11.34	24	Pass
NVNT	ac20	5180	Ant0	13.02	0.22	13.24	24	Pass
NVNT	ac20	5200	Ant0	12.44	0.22	12.66	24	Pass
NVNT	ac20	5240	Ant0	11.12	0.22	11.34	24	Pass
NVNT	ac40	5190	Ant0	12.39	0.43	12.82	24	Pass
NVNT	ac40	5230	Ant0	10.86	0.43	11.29	24	Pass
NVNT	ac80	5210	Ant0	11.16	0.83	11.99	24	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	12.67	0.19	12.86	24	Pass
NVNT	a	5200	Ant1	12.38	0.19	12.57	24	Pass
NVNT	a	5240	Ant1	10.6	0.19	10.79	24	Pass
NVNT	n20	5180	Ant1	12.97	0.23	13.2	24	Pass
NVNT	n20	5200	Ant1	12.71	0.23	12.94	24	Pass
NVNT	n20	5240	Ant1	10.96	0.23	11.19	24	Pass
NVNT	n40	5190	Ant1	12.42	0.44	12.86	24	Pass
NVNT	n40	5230	Ant1	10.92	0.44	11.36	24	Pass
NVNT	ac20	5180	Ant1	12.86	0.22	13.08	24	Pass
NVNT	ac20	5200	Ant1	12.72	0.22	12.94	24	Pass
NVNT	ac20	5240	Ant1	10.88	0.22	11.1	24	Pass
NVNT	ac40	5190	Ant1	12.45	0.43	12.88	24	Pass
NVNT	ac40	5230	Ant1	10.86	0.43	11.29	24	Pass
NVNT	ac80	5210	Ant1	11.17	0.83	12	24	Pass





MIMO

Condition	Mode	Frequency (MHz)	Total Power (dBm)			Limit (dBm)	Verdict
			Ant0	Ant1	Ant0+Ant1		
NVNT	n20	5180	13.39	13.2	16.31	24	Pass
NVNT	n20	5200	12.66	12.94	15.81	24	Pass
NVNT	n20	5240	11.35	11.19	14.28	24	Pass
NVNT	n40	5190	12.79	12.86	15.84	24	Pass
NVNT	n40	5230	11.34	11.36	14.36	24	Pass
NVNT	ac20	5180	13.24	13.08	16.17	24	Pass
NVNT	ac20	5200	12.66	12.94	15.81	24	Pass
NVNT	ac20	5240	11.34	11.1	14.23	24	Pass
NVNT	ac40	5190	12.82	12.88	15.86	24	Pass
NVNT	ac40	5230	11.29	11.29	14.30	24	Pass
NVNT	ac80	5210	11.99	12	15.01	24	Pass



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C.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant0	2.37	0.19	2.56	11	Pass
NVNT	a	5200	Ant0	1.53	0.19	1.72	11	Pass
NVNT	a	5240	Ant0	0.06	0.19	0.25	11	Pass
NVNT	n20	5180	Ant0	2.49	0.23	2.72	11	Pass
NVNT	n20	5200	Ant0	1.91	0.22	2.13	11	Pass
NVNT	n20	5240	Ant0	0.4	0.23	0.63	11	Pass
NVNT	n40	5190	Ant0	-1.12	0.44	-0.68	11	Pass
NVNT	n40	5230	Ant0	-2.45	0.44	-2.01	11	Pass
NVNT	ac20	5180	Ant0	2.41	0.22	2.63	11	Pass
NVNT	ac20	5200	Ant0	1.71	0.22	1.93	11	Pass
NVNT	ac20	5240	Ant0	0.72	0.22	0.94	11	Pass
NVNT	ac40	5190	Ant0	-1.06	0.43	-0.63	11	Pass
NVNT	ac40	5230	Ant0	-2.22	0.43	-1.79	11	Pass
NVNT	ac80	5210	Ant0	-4.78	0.83	-3.95	11	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	2.15	0.19	2.34	11	Pass
NVNT	a	5200	Ant1	1.71	0.19	1.9	11	Pass
NVNT	a	5240	Ant1	0.12	0.19	0.31	11	Pass
NVNT	n20	5180	Ant1	2.28	0.23	2.51	11	Pass
NVNT	n20	5200	Ant1	1.92	0.23	2.15	11	Pass
NVNT	n20	5240	Ant1	0.31	0.23	0.54	11	Pass
NVNT	n40	5190	Ant1	-1.28	0.44	-0.84	11	Pass
NVNT	n40	5230	Ant1	-2.42	0.44	-1.98	11	Pass
NVNT	ac20	5180	Ant1	2.28	0.22	2.5	11	Pass
NVNT	ac20	5200	Ant1	1.83	0.22	2.05	11	Pass
NVNT	ac20	5240	Ant1	0.52	0.22	0.74	11	Pass
NVNT	ac40	5190	Ant1	-1.21	0.43	-0.78	11	Pass
NVNT	ac40	5230	Ant1	-2.66	0.43	-2.23	11	Pass
NVNT	ac80	5210	Ant1	-5.06	0.83	-4.23	11	Pass





MIMO

Condition	Mode	Frequency (MHz)	Total PSD (dBm/MHz)			Limit (dBm/MHz)	Verdict
			Ant0	Ant1	Ant0+Ant1		
NVNT	n20	5180	2.72	2.51	5.63	10.99	Pass
NVNT	n20	5200	2.13	2.15	5.15	10.99	Pass
NVNT	n20	5240	0.63	0.54	3.60	10.99	Pass
NVNT	n40	5190	-0.68	-0.84	2.25	10.99	Pass
NVNT	n40	5230	-2.01	-1.98	1.02	10.99	Pass
NVNT	ac20	5180	2.63	2.5	5.58	10.99	Pass
NVNT	ac20	5200	1.93	2.05	5.00	10.99	Pass
NVNT	ac20	5240	0.94	0.74	3.85	10.99	Pass
NVNT	ac40	5190	-0.63	-0.78	2.31	10.99	Pass
NVNT	ac40	5230	-1.79	-2.23	1.01	10.99	Pass
NVNT	ac80	5210	-3.95	-4.23	-1.08	10.99	Pass

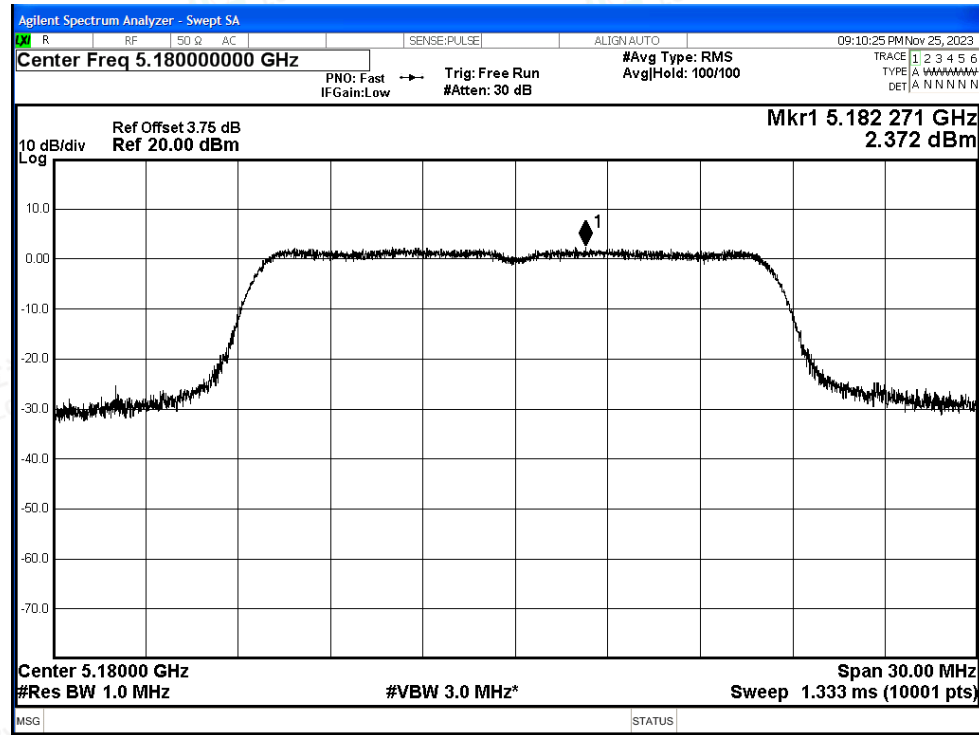


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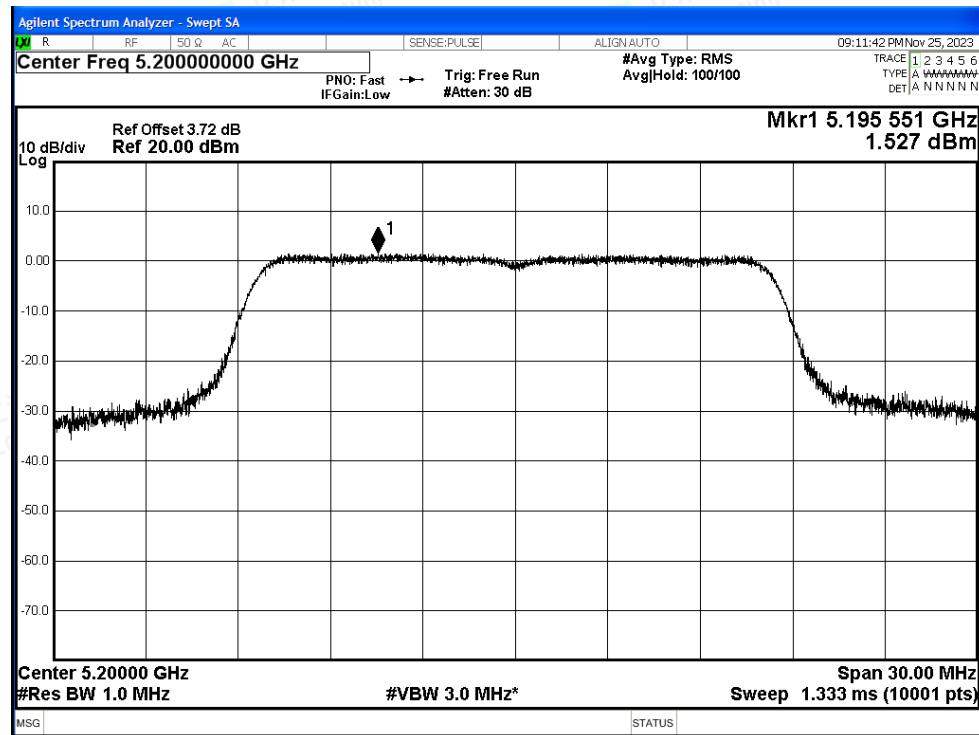


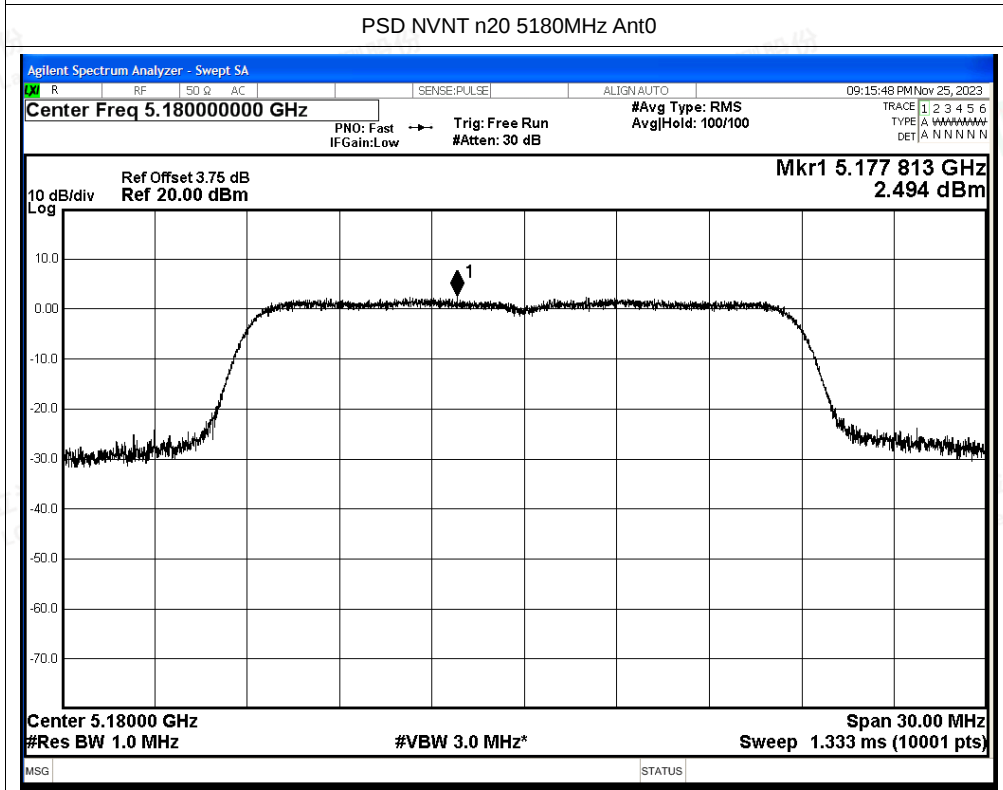
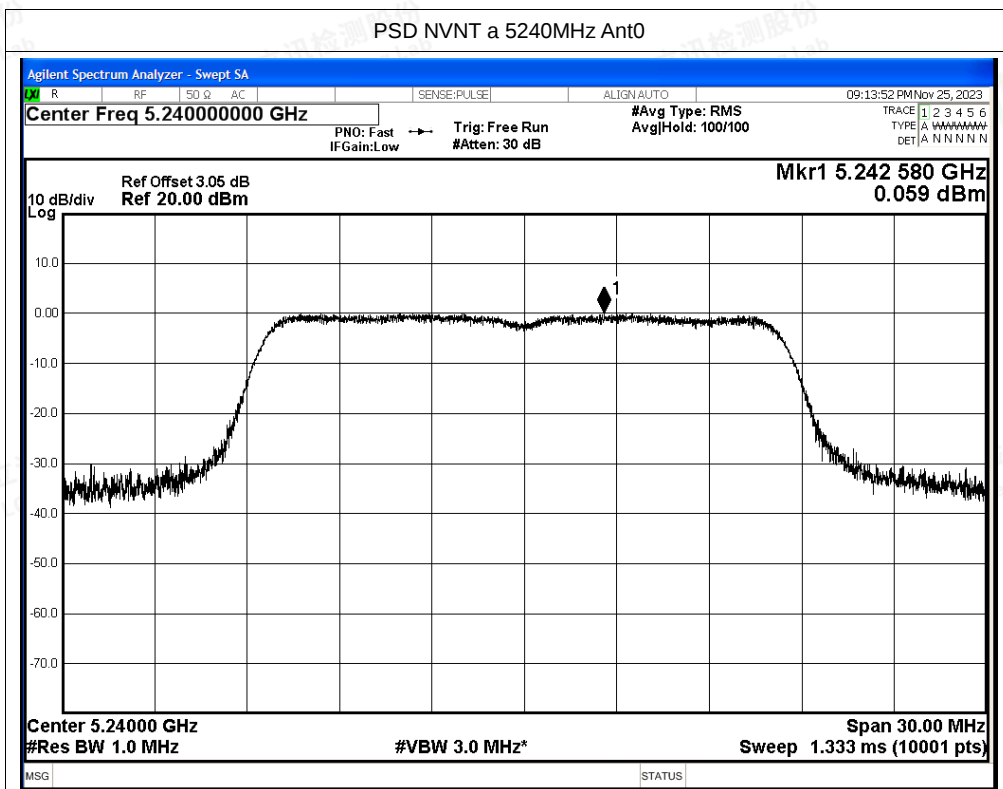
Test Graphs

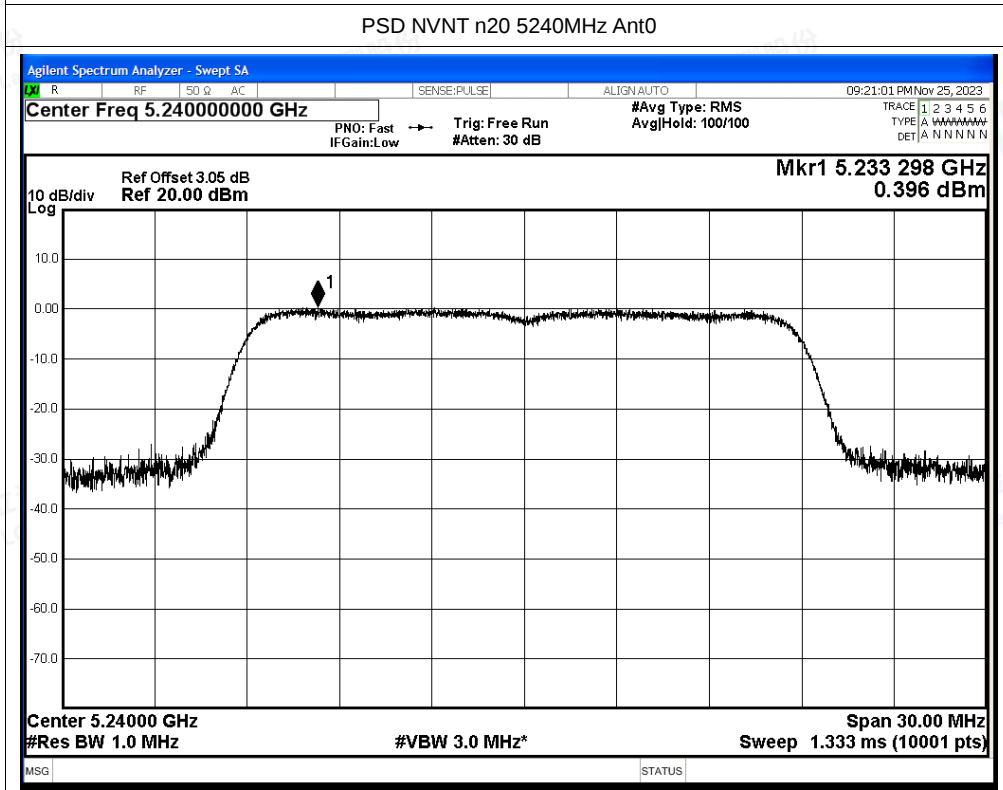
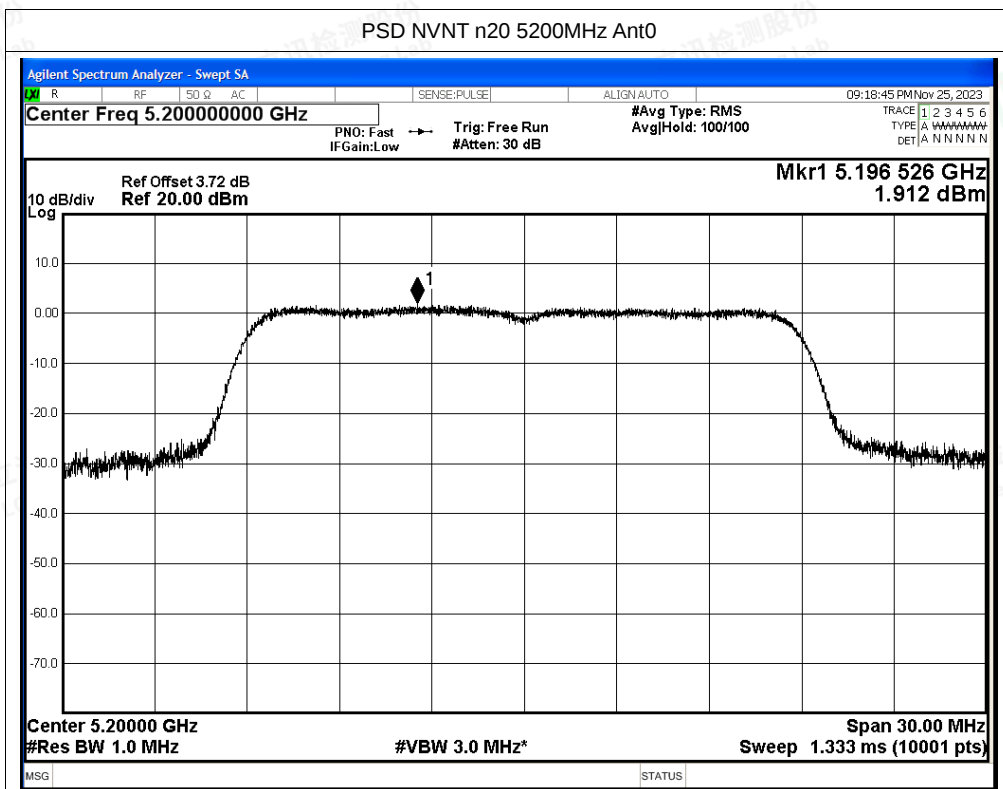
PSD NVNT a 5180MHz Ant0

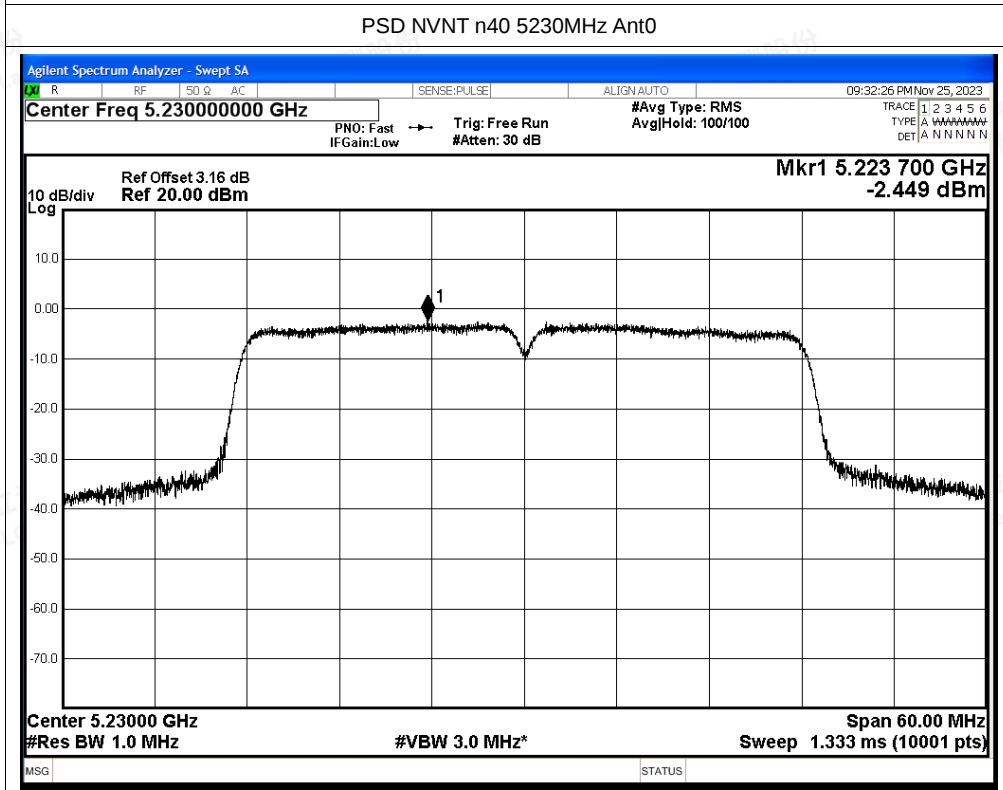
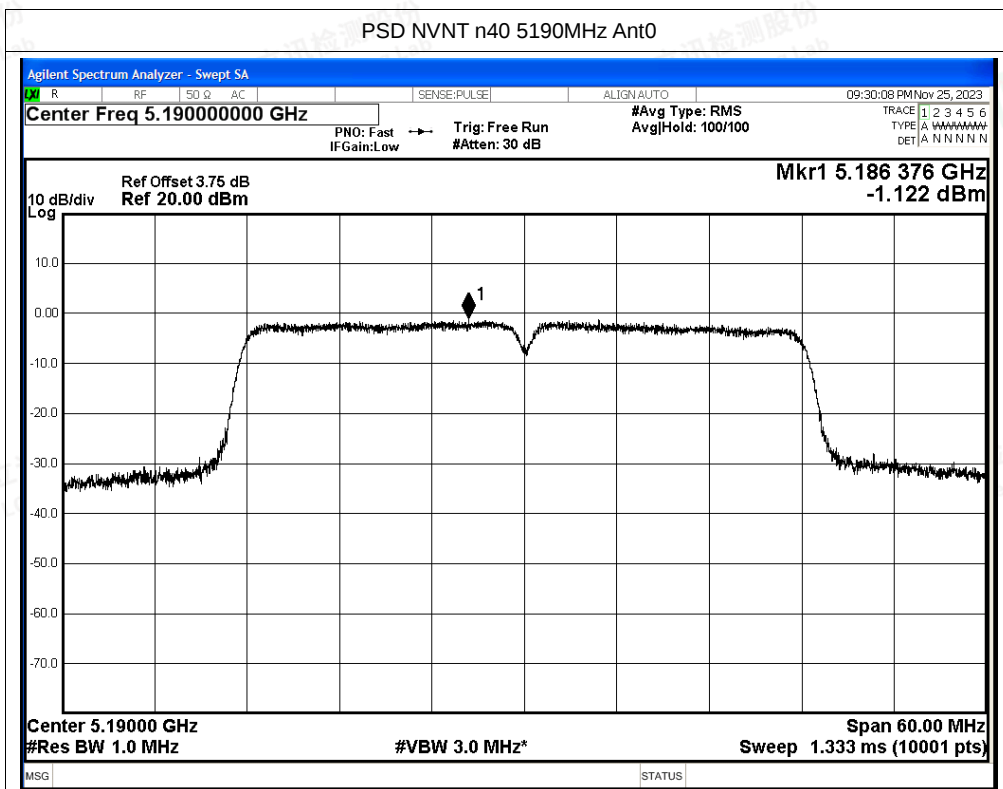


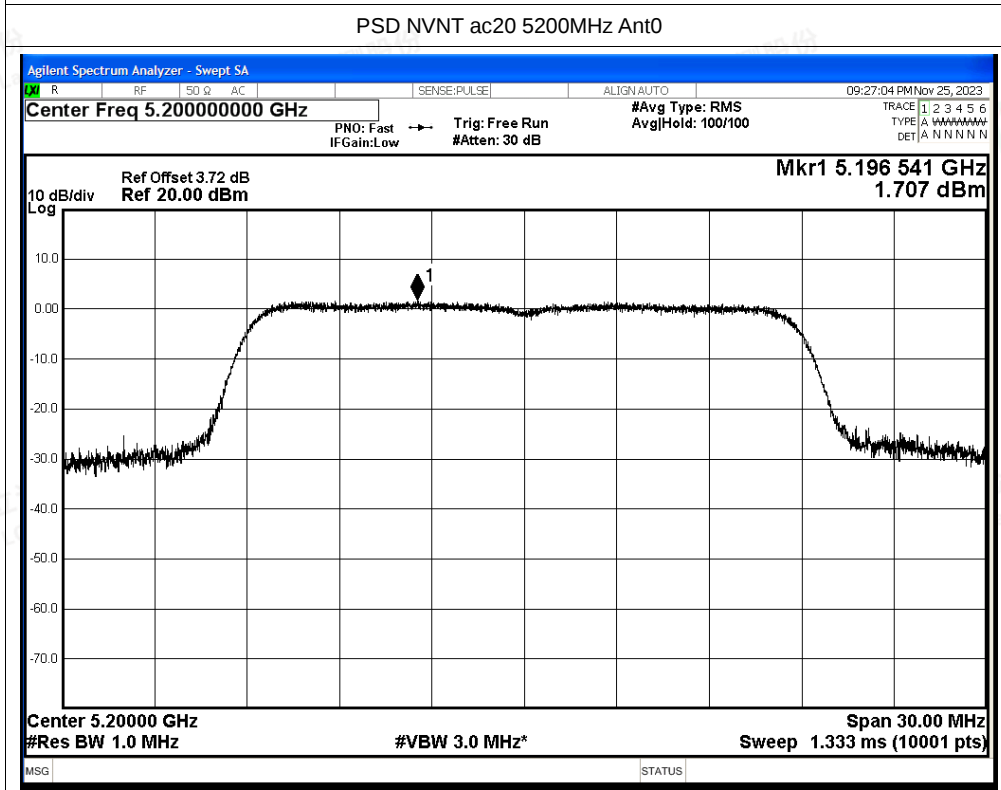
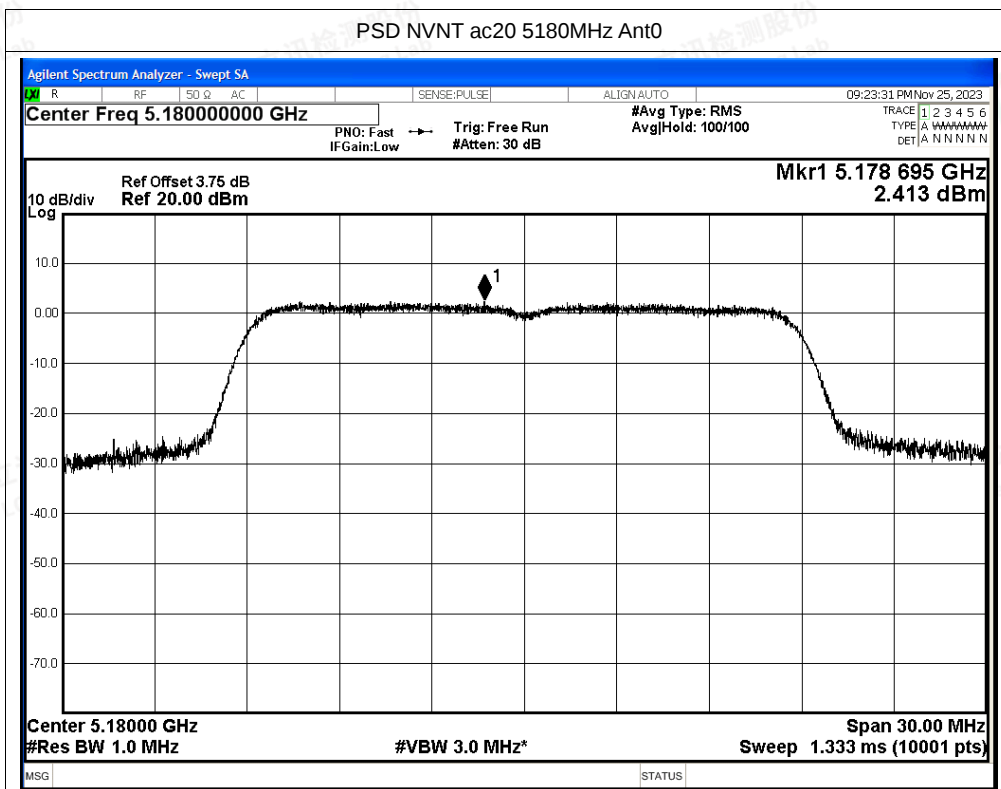
PSD NVNT a 5200MHz Ant0

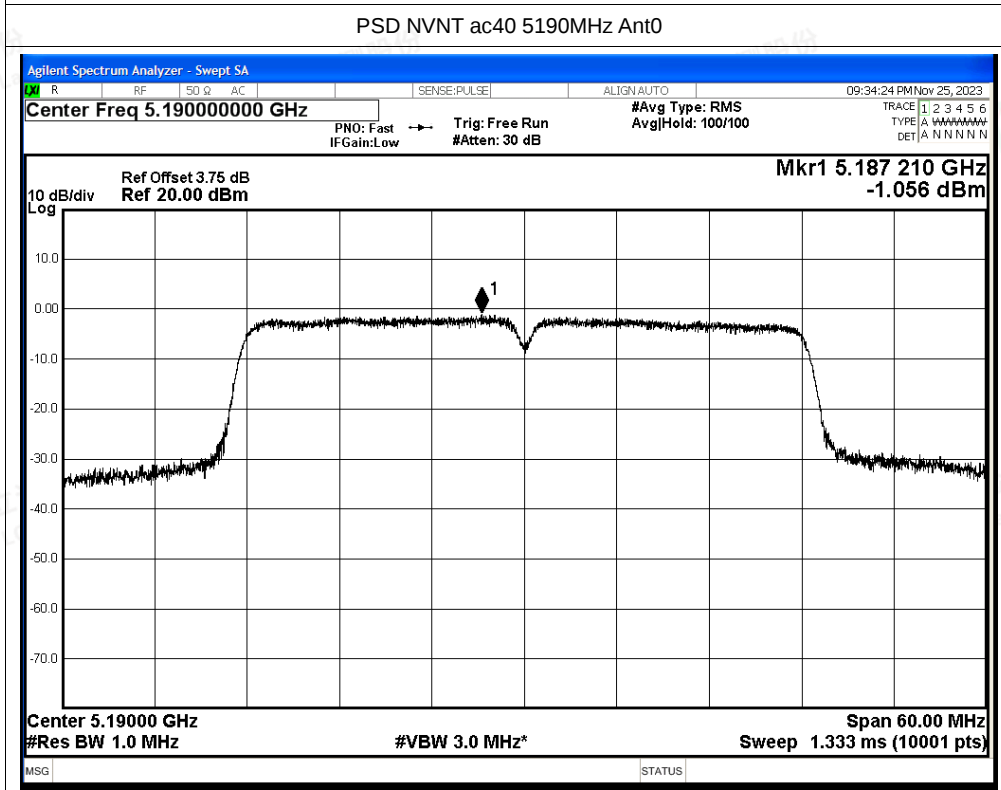
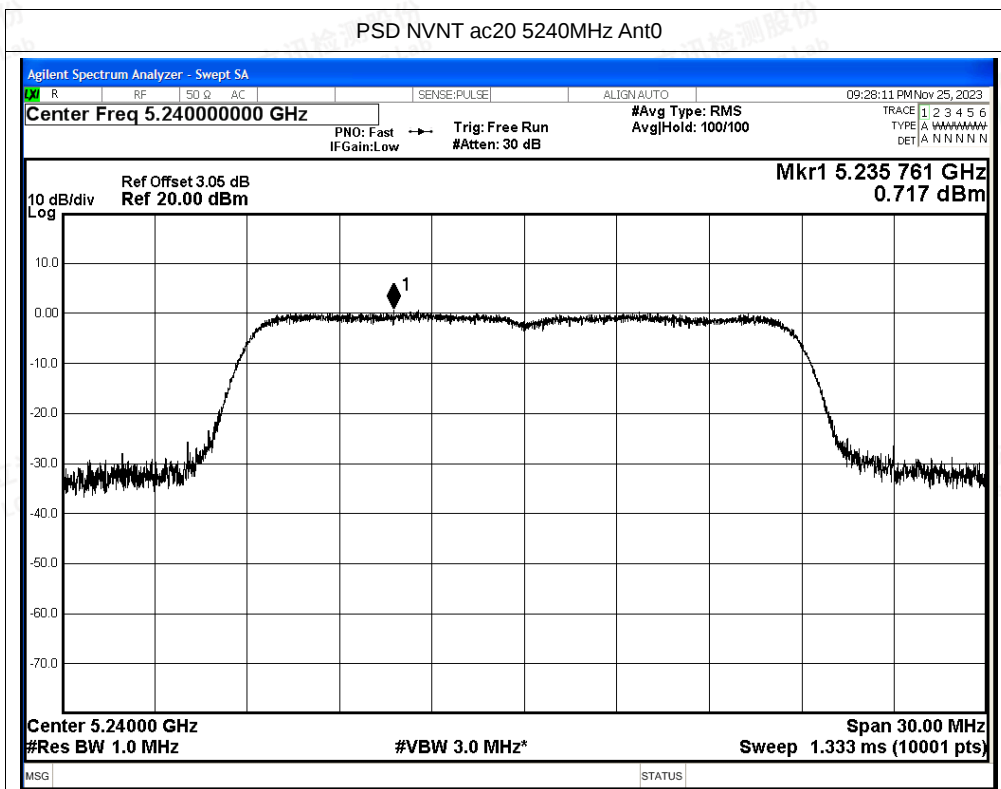


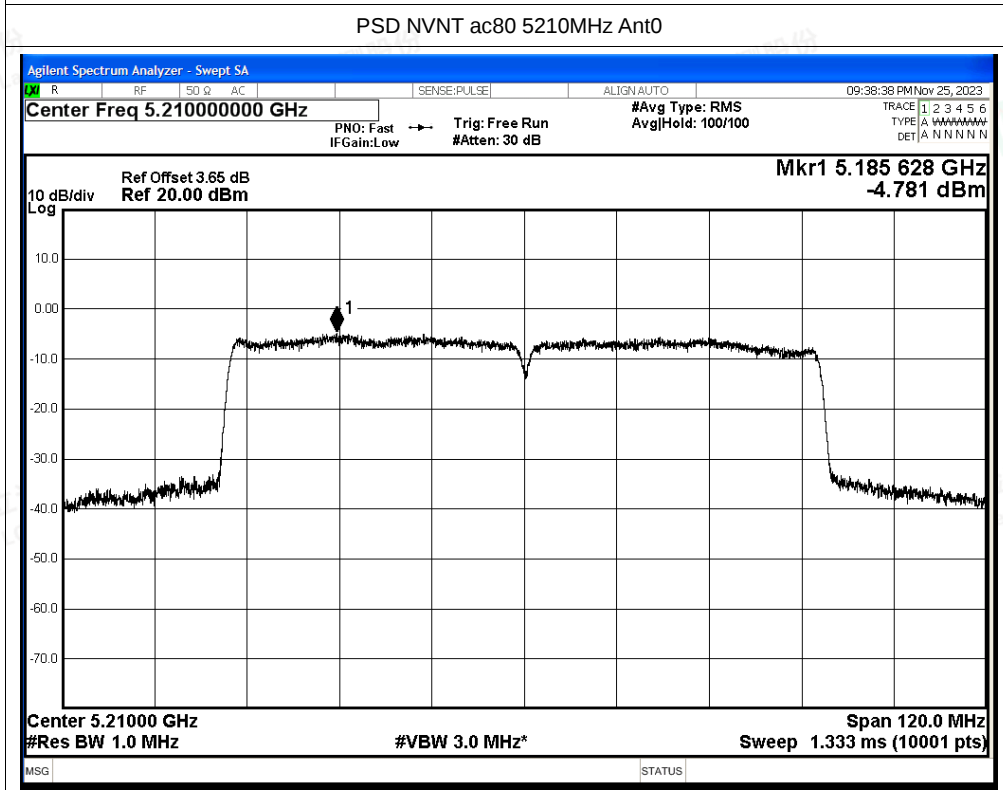
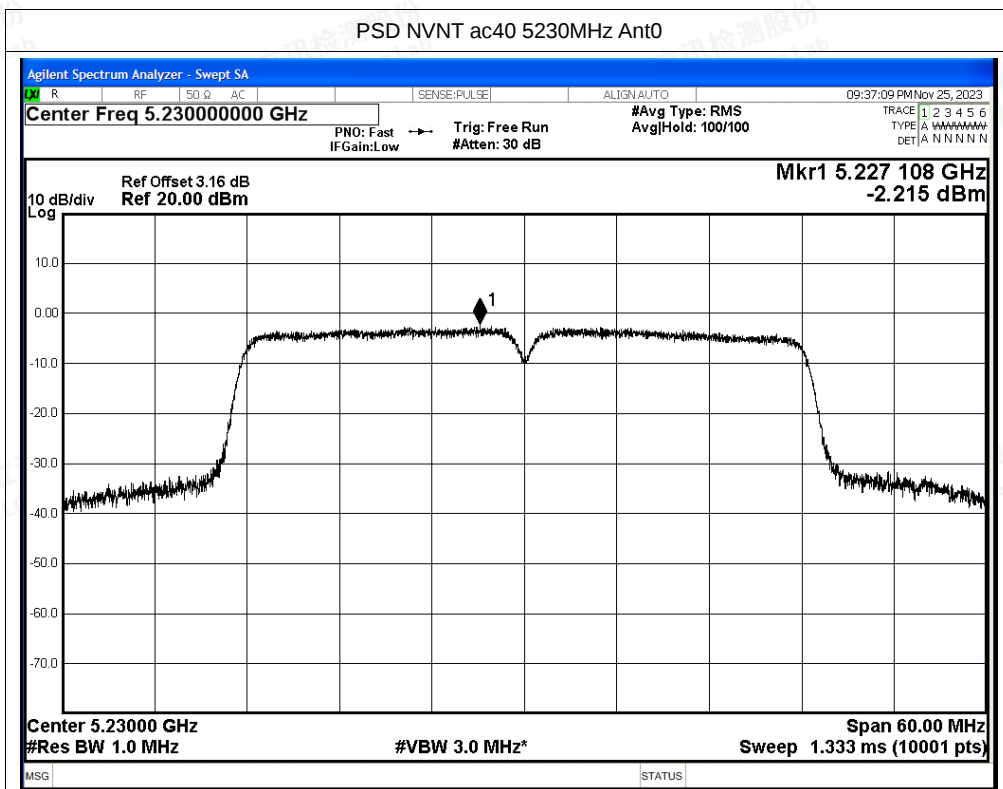








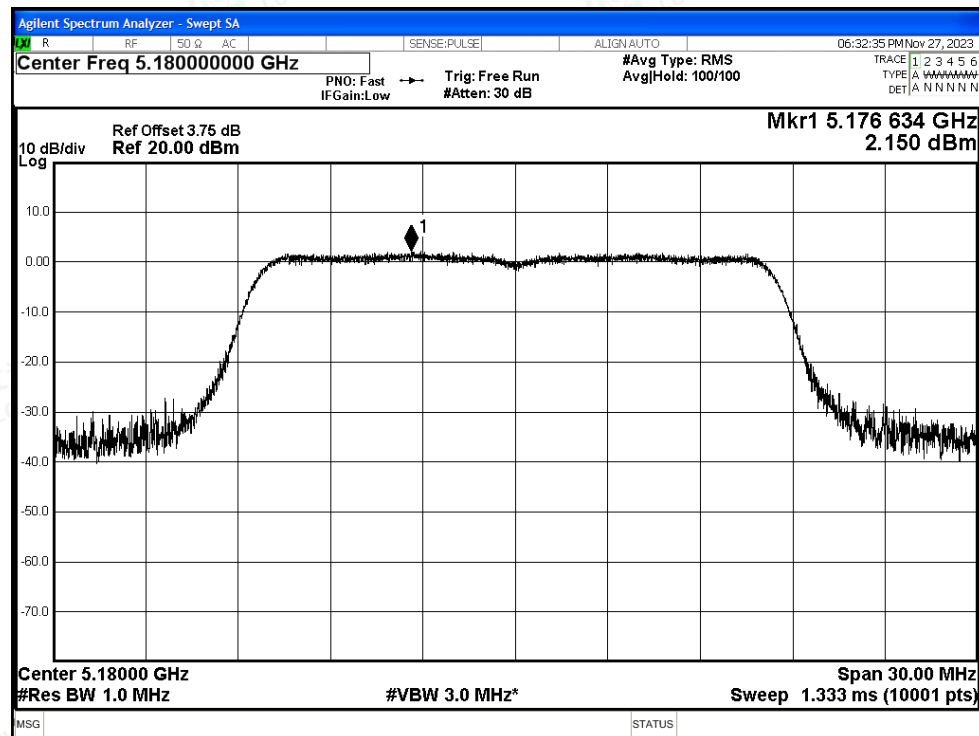




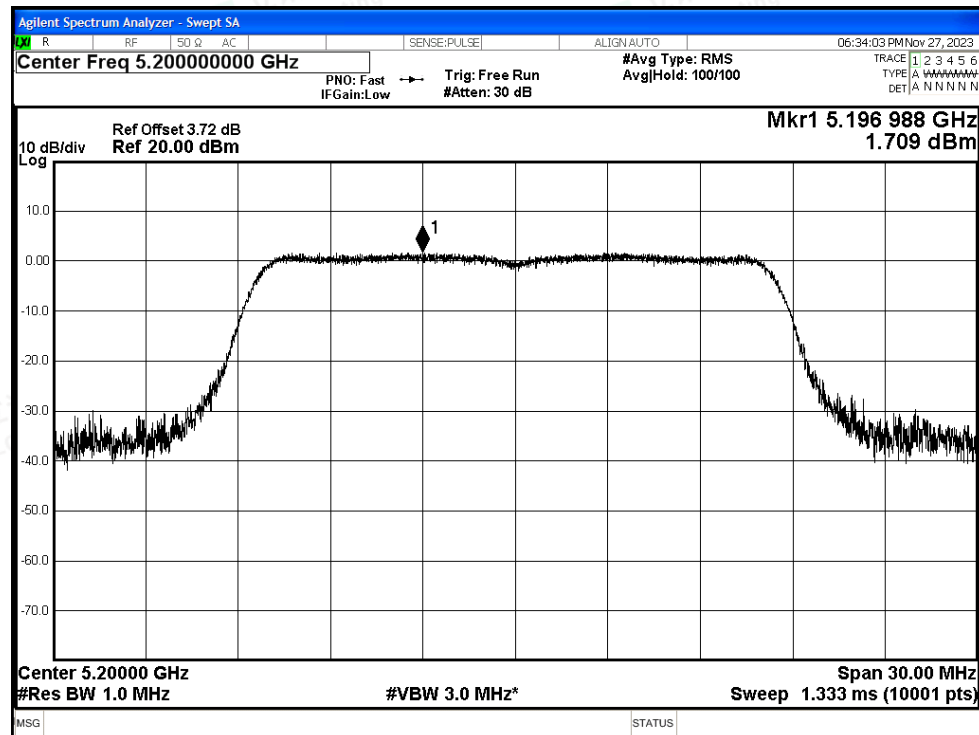


Test Graphs

PSD NVNT a 5180MHz Ant1

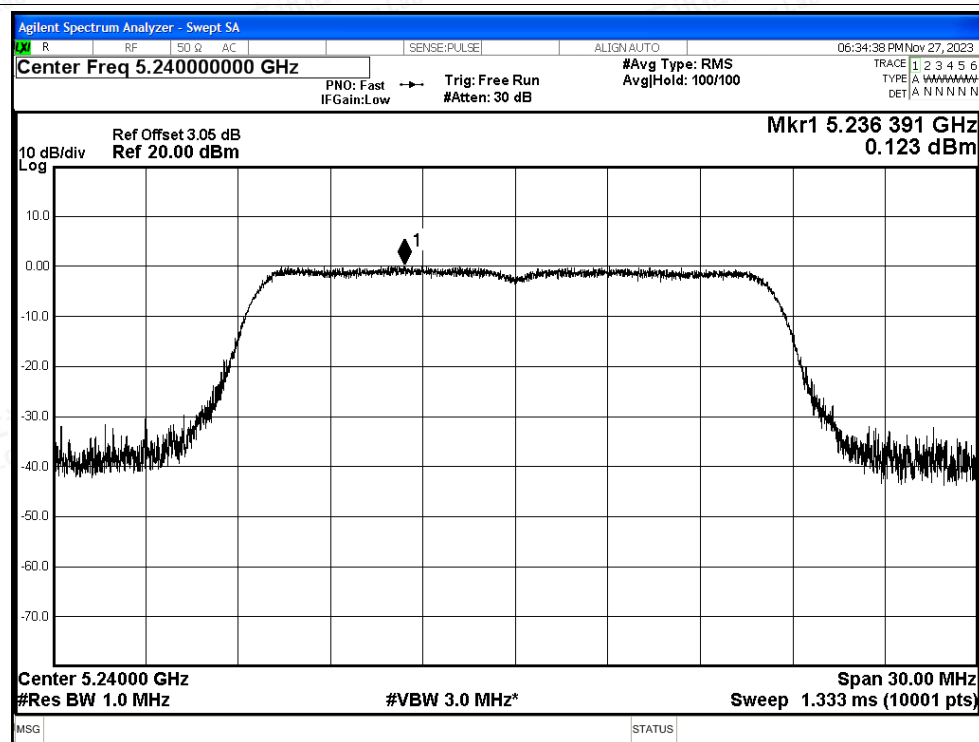


PSD NVNT a 5200MHz Ant1

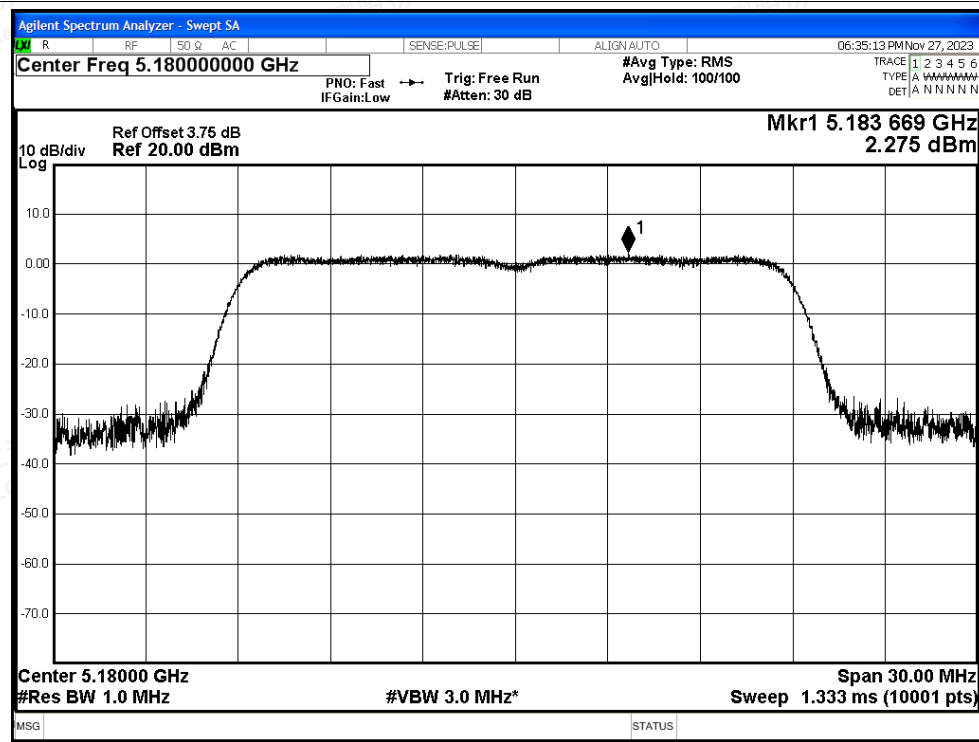


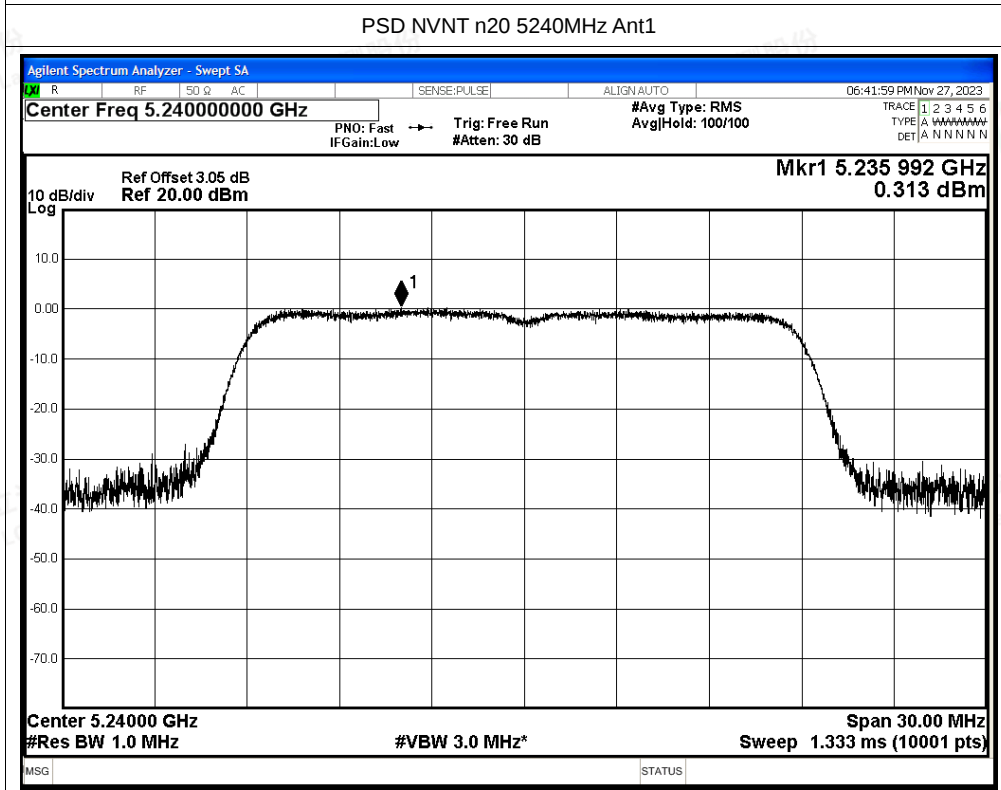
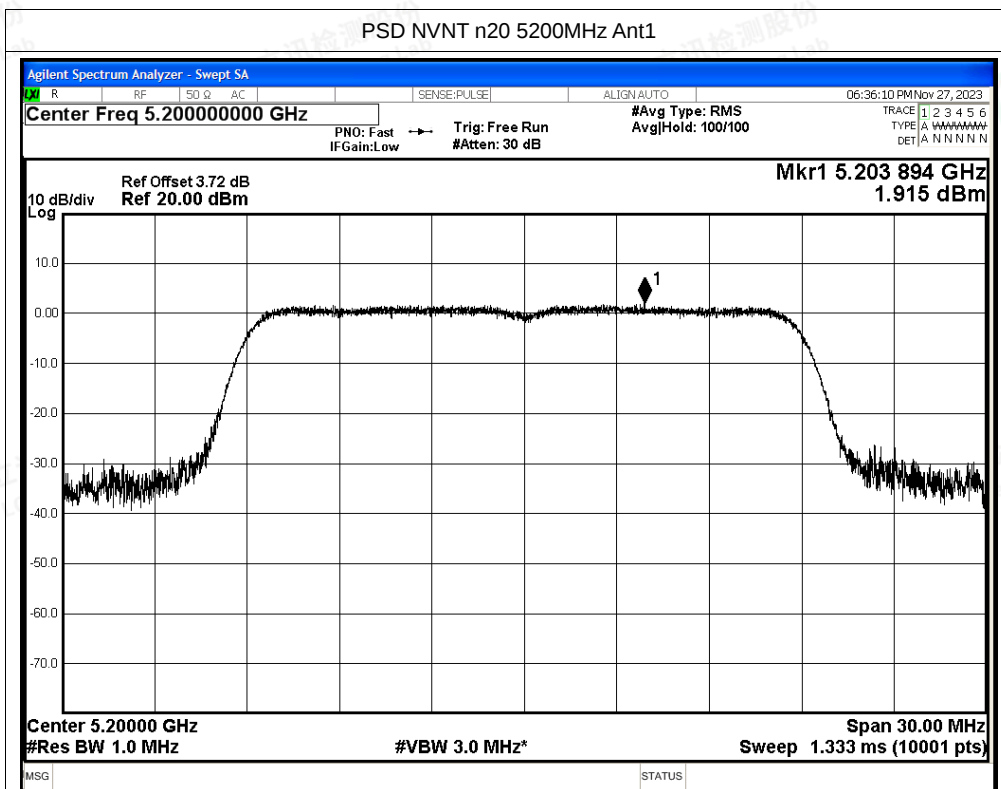


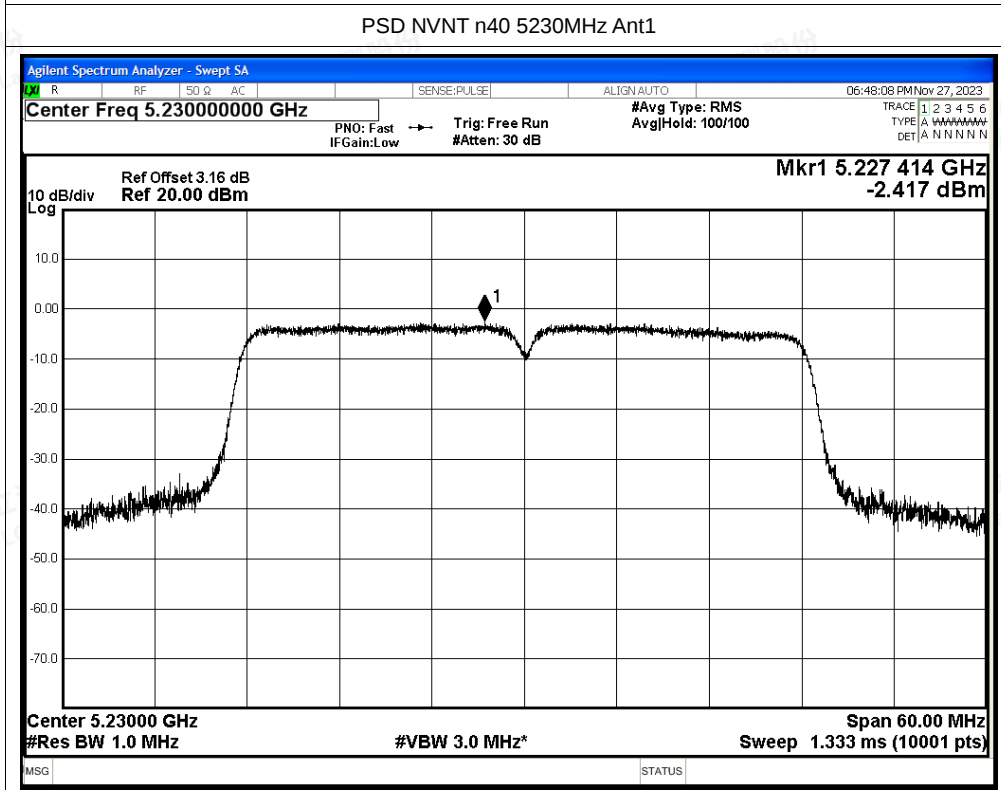
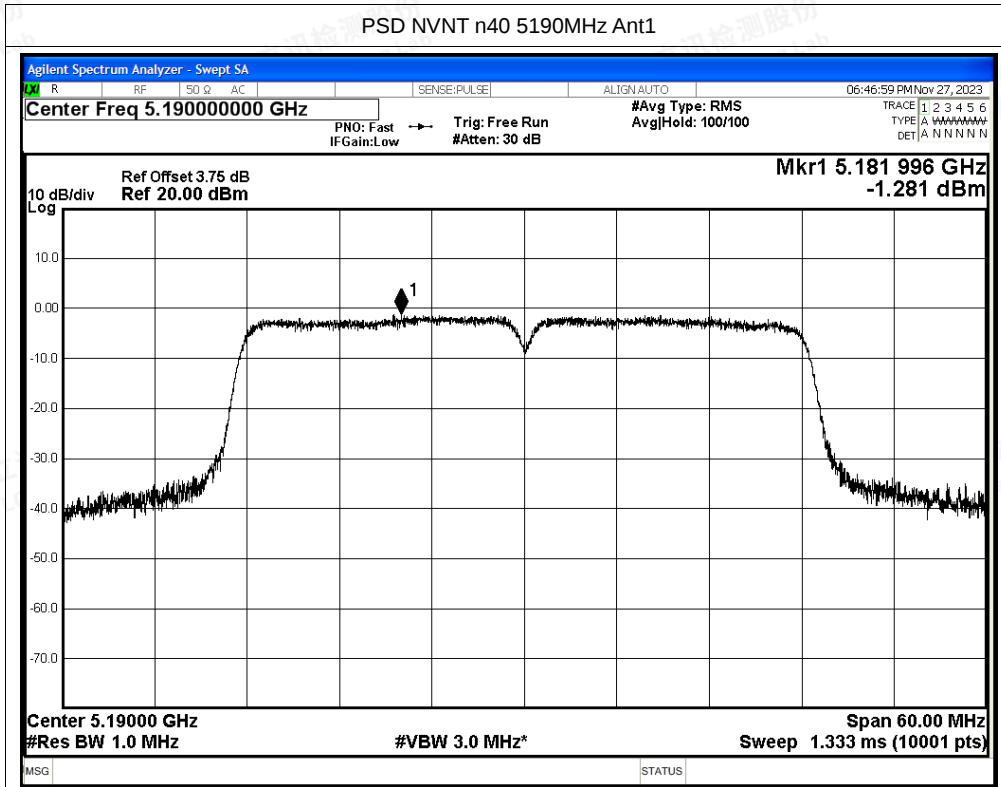
PSD NVNT a 5240MHz Ant1

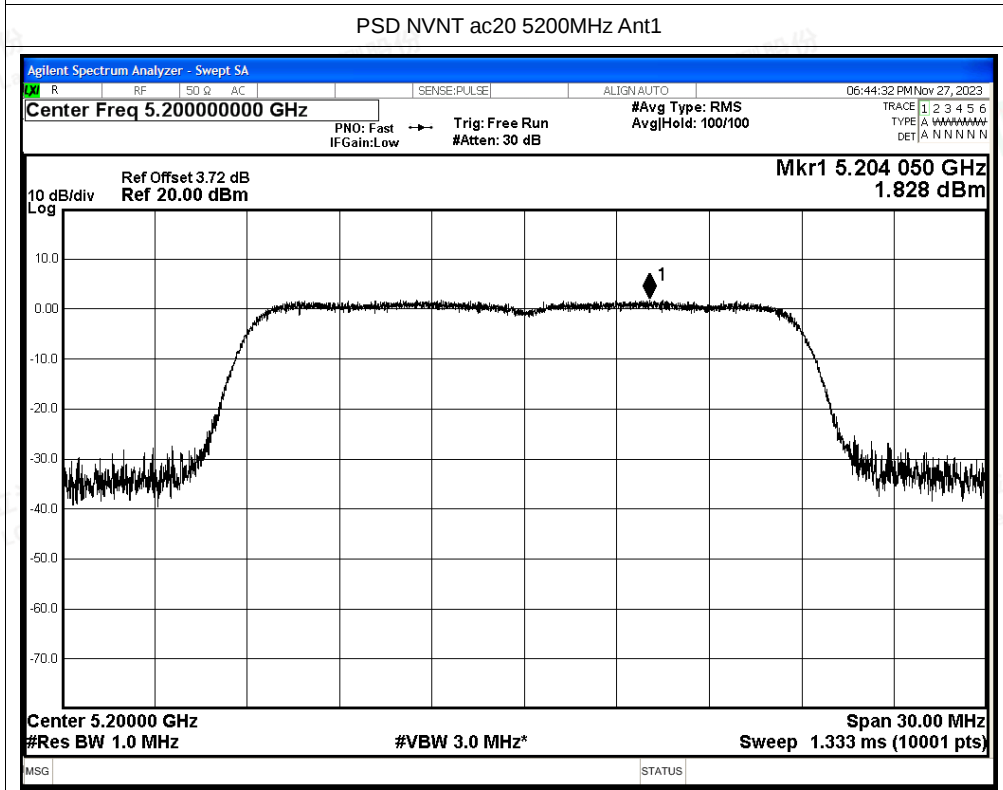
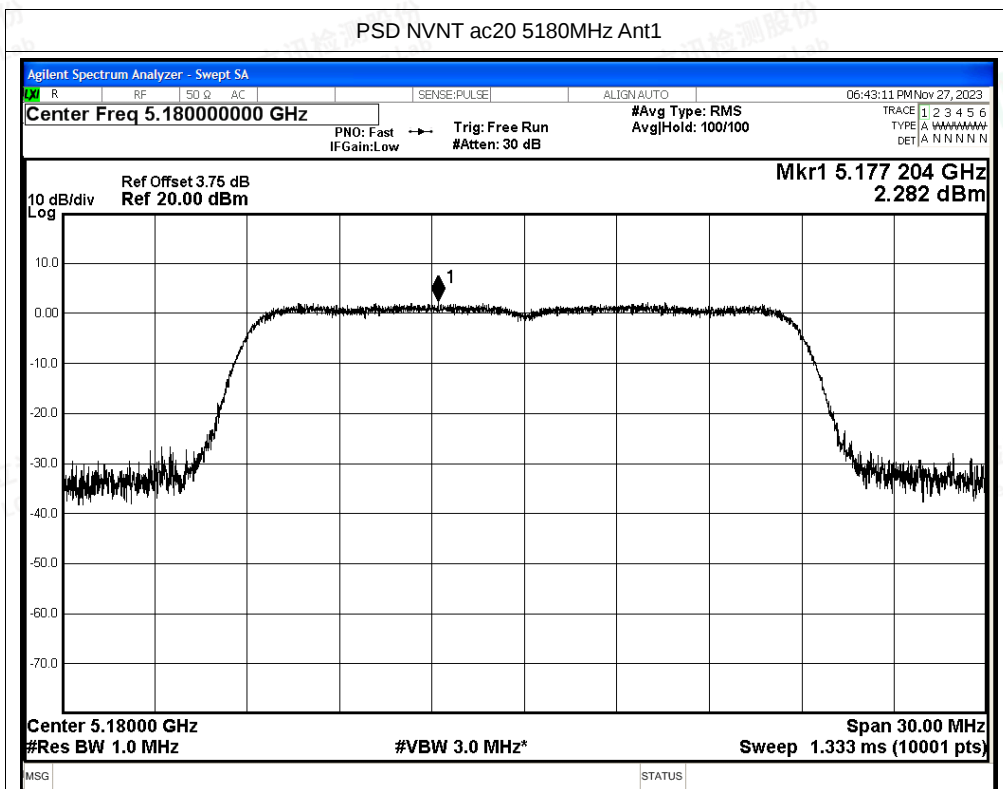


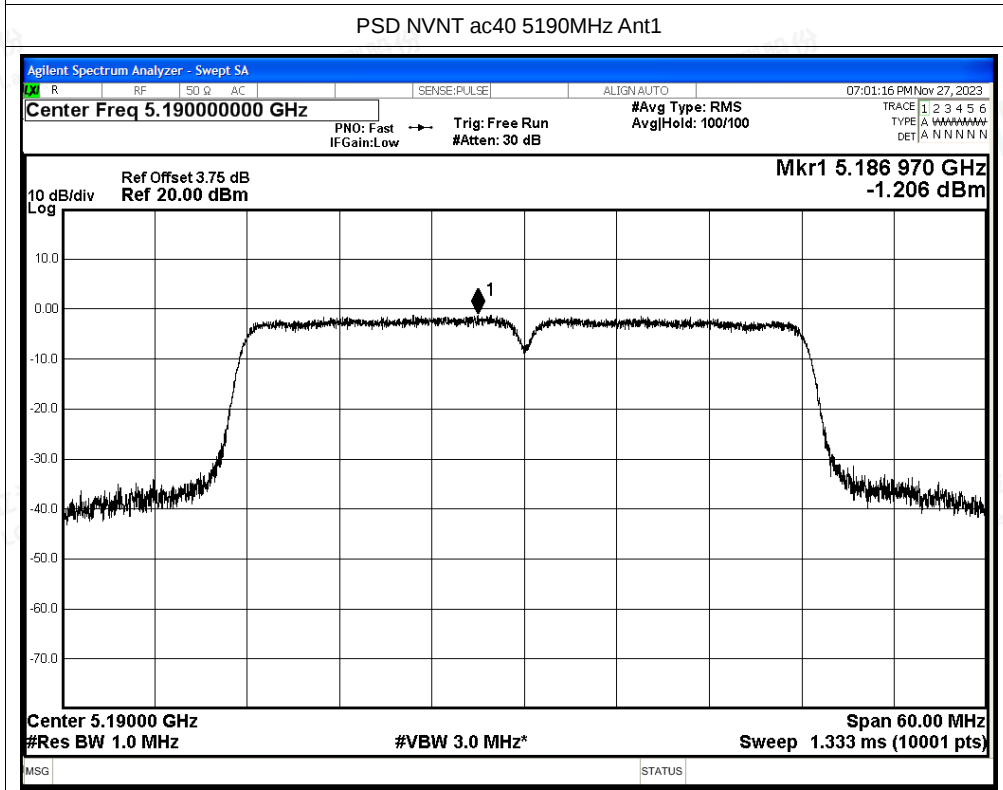
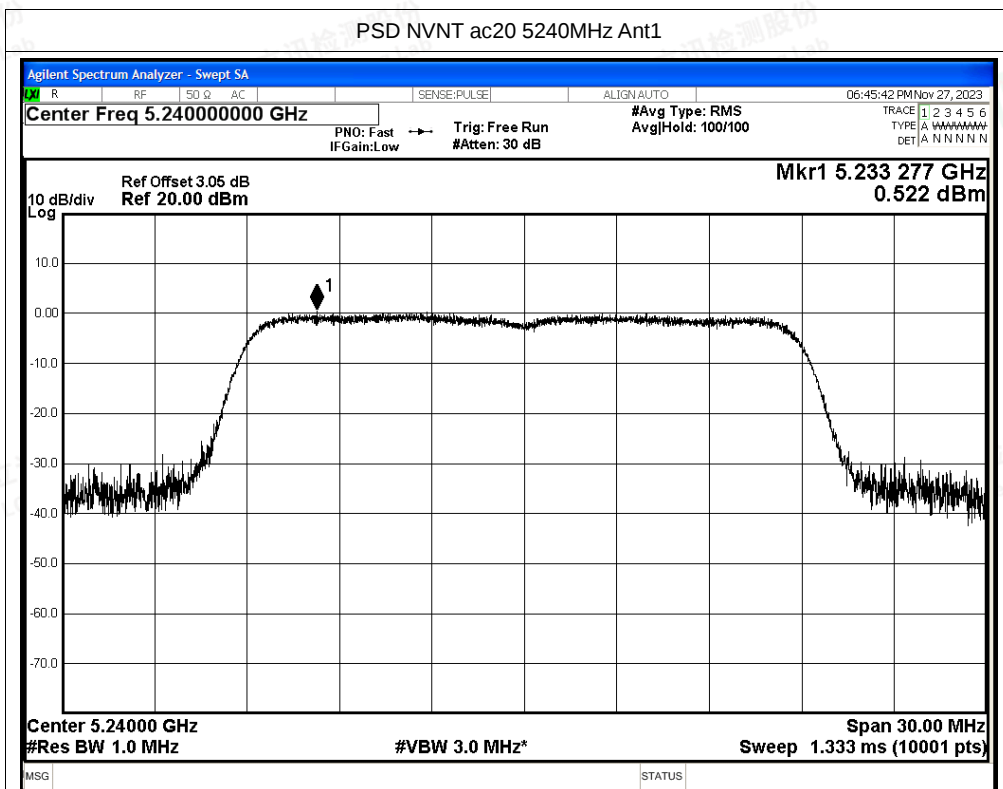
PSD NVNT n20 5180MHz Ant1

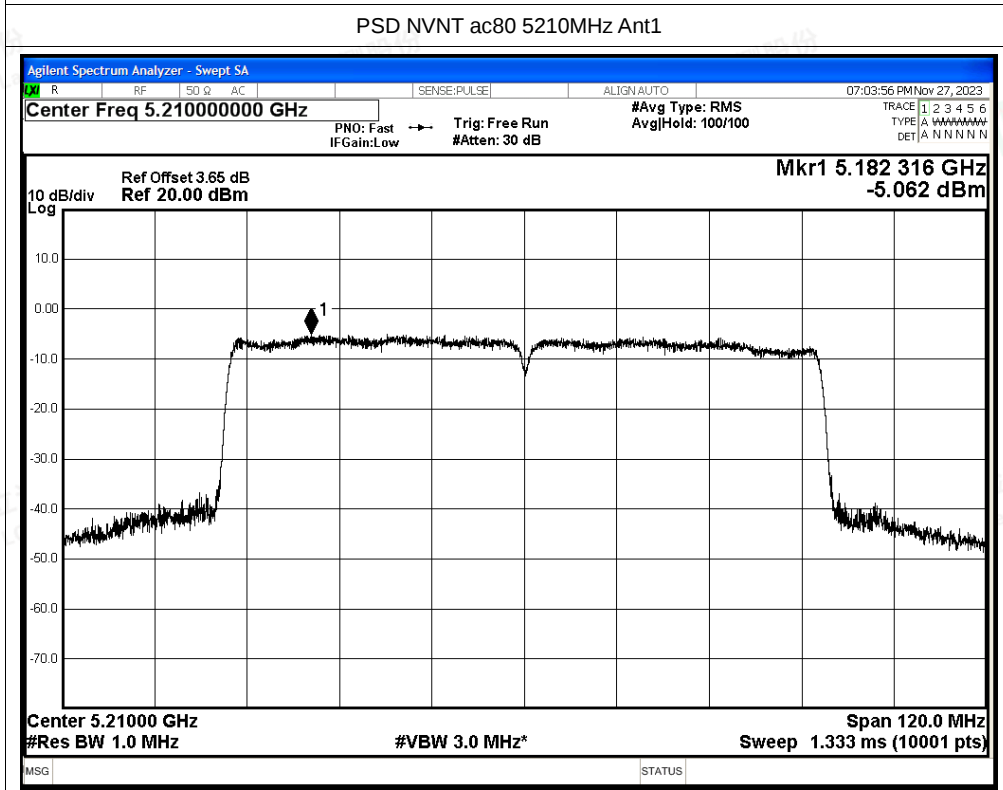
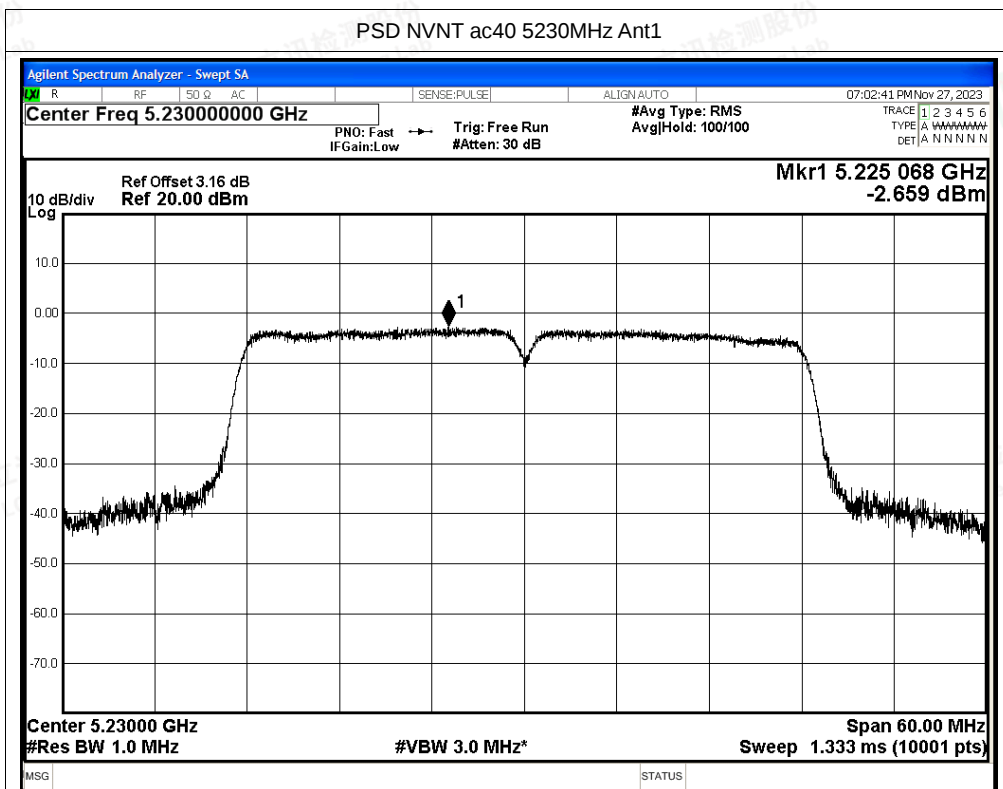














C.4 Restrict Band

Condition	Mode	Frequency (MHz)	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a Ant0	5180	4500	-49.45	3.0	48.78	Peak	68.2	Pass
NVNT	a Ant0	5180	4500	-57.13	3.0	41.10	Average	54	Pass
NVNT	a Ant0	5180	4864.7	-45.46	3.0	52.77	Peak	68.2	Pass
NVNT	a Ant0	5180	5149.6	-55.11	3.0	43.12	Average	54	Pass
NVNT	a Ant0	5180	5150	-48.88	3.0	49.35	Peak	68.2	Pass
NVNT	a Ant0	5180	5150	-55.01	3.0	43.22	Average	54	Pass
NVNT	a Ant0	5240	5350	-47.95	3.0	50.28	Peak	68.2	Pass
NVNT	a Ant0	5240	5350	-57.22	3.0	41.01	Average	54	Pass
NVNT	a Ant0	5240	5453.28	-47.29	3.0	50.94	Peak	68.2	Pass
NVNT	a Ant0	5240	5406.72	-56.9	3.0	41.33	Average	54	Pass
NVNT	a Ant0	5240	5460	-49.97	3.0	48.26	Peak	68.2	Pass
NVNT	a Ant0	5240	5460	-57.11	3.0	41.12	Average	54	Pass
NVNT	n20 MIMO	5180	4500	-49.31	6.01	51.93	Peak	68.2	Pass
NVNT	n20 MIMO	5180	4500	-57.04	6.01	44.20	Average	54	Pass
NVNT	n20 MIMO	5180	5149.6	-45.39	6.01	55.85	Peak	68.2	Pass
NVNT	n20 MIMO	5180	5149.6	-54.13	6.01	47.11	Average	54	Pass
NVNT	n20 MIMO	5180	5150	-47.21	6.01	54.03	Peak	68.2	Pass
NVNT	n20 MIMO	5180	5150	-54.07	6.01	47.17	Average	54	Pass
NVNT	n20 MIMO	5240	5350	-49.25	6.01	51.99	Peak	68.2	Pass
NVNT	n20 MIMO	5240	5350	-57.11	6.01	44.13	Average	54	Pass
NVNT	n20 MIMO	5240	5399.52	-46.85	6.01	54.39	Peak	68.2	Pass
NVNT	n20 MIMO	5240	5430	-56.71	6.01	44.53	Average	54	Pass
NVNT	n20 MIMO	5240	5460	-50.29	6.01	50.95	Peak	68.2	Pass
NVNT	n20 MIMO	5240	5460	-57.06	6.01	44.18	Average	54	Pass
NVNT	n40 MIMO	5190	4500	-49.92	6.01	51.32	Peak	68.2	Pass
NVNT	n40 MIMO	5190	4500	-56.77	6.01	44.47	Average	54	Pass
NVNT	n40 MIMO	5190	5148.97	-42.3	6.01	58.94	Peak	68.2	Pass
NVNT	n40 MIMO	5190	5148.97	-53.04	6.01	48.20	Average	54	Pass
NVNT	n40 MIMO	5190	5150	-46.7	6.01	54.54	Peak	68.2	Pass
NVNT	n40 MIMO	5190	5150	-53.05	6.01	48.19	Average	54	Pass
NVNT	n40 MIMO	5230	5350	-49.55	6.01	51.69	Peak	68.2	Pass
NVNT	n40 MIMO	5230	5350	-56.9	6.01	44.34	Average	54	Pass
NVNT	n40 MIMO	5230	5371.98	-47.47	6.01	53.77	Peak	68.2	Pass
NVNT	n40 MIMO	5230	5392.23	-56.34	6.01	44.90	Average	54	Pass
NVNT	n40 MIMO	5230	5460	-48.43	6.01	52.81	Peak	68.2	Pass
NVNT	n40 MIMO	5230	5460	-56.88	6.01	44.36	Average	54	Pass
NVNT	ac20 MIMO	5180	4500	-49.46	6.01	51.78	Peak	68.2	Pass





NVNT	ac20 MIMO	5180	4500	-57.04	6.01	44.20	Average	54	Pass
NVNT	ac20 MIMO	5180	5031.3	-45.68	6.01	55.56	Peak	68.2	Pass
NVNT	ac20 MIMO	5180	5149.6	-53.94	6.01	47.30	Average	54	Pass
NVNT	ac20 MIMO	5180	5150	-45.79	6.01	55.45	Peak	68.2	Pass
NVNT	ac20 MIMO	5180	5150	-54.23	6.01	47.01	Average	54	Pass
NVNT	ac20 MIMO	5240	5350	-49.66	6.01	51.58	Peak	68.2	Pass
NVNT	ac20 MIMO	5240	5350	-57	6.01	44.24	Average	54	Pass
NVNT	ac20 MIMO	5240	5379.6	-47.16	6.01	54.08	Peak	68.2	Pass
NVNT	ac20 MIMO	5240	5453.28	-56.76	6.01	44.48	Average	54	Pass
NVNT	ac20 MIMO	5240	5460	-50.22	6.01	51.02	Peak	68.2	Pass
NVNT	ac20 MIMO	5240	5460	-57.13	6.01	44.11	Average	54	Pass
NVNT	ac40 MIMO	5190	4500	-51.15	6.01	50.09	Peak	68.2	Pass
NVNT	ac40 MIMO	5190	4500	-56.87	6.01	44.37	Average	54	Pass
NVNT	ac40 MIMO	5190	5149.7	-45.19	6.01	56.05	Peak	68.2	Pass
NVNT	ac40 MIMO	5190	5148.97	-53.42	6.01	47.82	Average	54	Pass
NVNT	ac40 MIMO	5190	5150	-45.19	6.01	56.05	Peak	68.2	Pass
NVNT	ac40 MIMO	5190	5150	-53.47	6.01	47.77	Average	54	Pass
NVNT	ac40 MIMO	5230	5350	-49.04	6.01	52.20	Peak	68.2	Pass
NVNT	ac40 MIMO	5230	5350	-56.65	6.01	44.59	Average	54	Pass
NVNT	ac40 MIMO	5230	5454.87	-47.22	6.01	54.02	Peak	68.2	Pass
NVNT	ac40 MIMO	5230	5356.59	-56.35	6.01	44.89	Average	54	Pass
NVNT	ac40 MIMO	5230	5460	-47.77	6.01	53.47	Peak	68.2	Pass
NVNT	ac40 MIMO	5230	5460	-56.87	6.01	44.37	Average	54	Pass
NVNT	ac80 MIMO	5210	5350	-48.5	6.01	52.74	Peak	68.2	Pass
NVNT	ac80 MIMO	5210	5350	-55.46	6.01	45.78	Average	54	Pass
NVNT	ac80 MIMO	5210	5364.63	-46.21	6.01	55.03	Peak	68.2	Pass
NVNT	ac80 MIMO	5210	5391.36	-55.24	6.01	46.00	Average	54	Pass
NVNT	ac80 MIMO	5210	5460	-50.19	6.01	51.05	Peak	68.2	Pass
NVNT	ac80 MIMO	5210	5460	-56.2	6.01	45.04	Average	54	Pass
NVNT	ac80 MIMO	5210	4500	-50.69	6.01	50.55	Peak	68.2	Pass
NVNT	ac80 MIMO	5210	4500	-56.73	6.01	44.51	Average	54	Pass
NVNT	ac80 MIMO	5210	5149.38	-45.24	6.01	56.00	Peak	68.2	Pass
NVNT	ac80 MIMO	5210	5147.8	-53.22	6.01	48.02	Average	54	Pass
NVNT	ac80 MIMO	5210	5150	-44.85	6.01	56.39	Peak	68.2	Pass
NVNT	ac80 MIMO	5210	5150	-52.06	6.01	49.18	Average	54	Pass

Note: 802.11a mode, only show the worst set of antenna data.

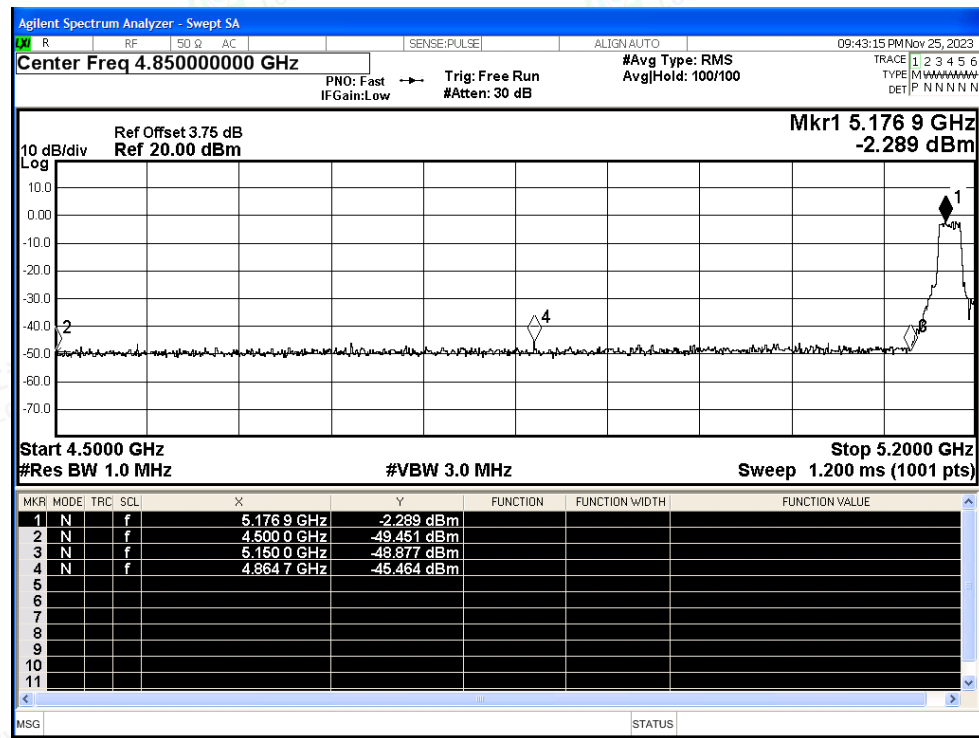


Shenzhen LCS Compliance Testing Laboratory Ltd.
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Scan code to check authenticity

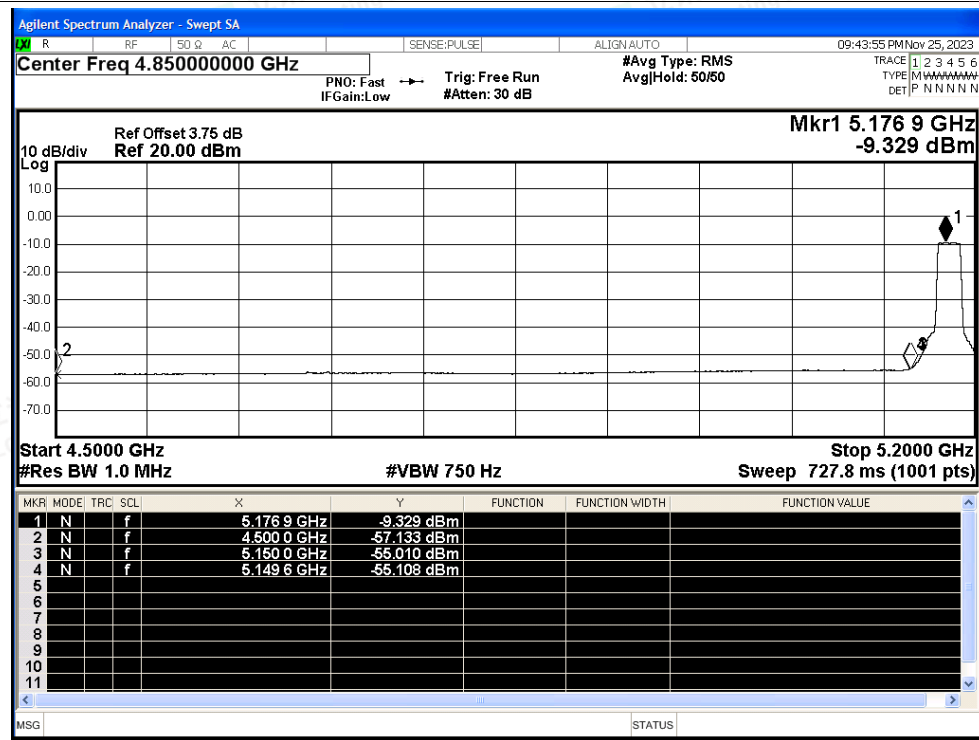


Test Graphs

Restrict Band NVNT a 5180MHz Ant0 Peak

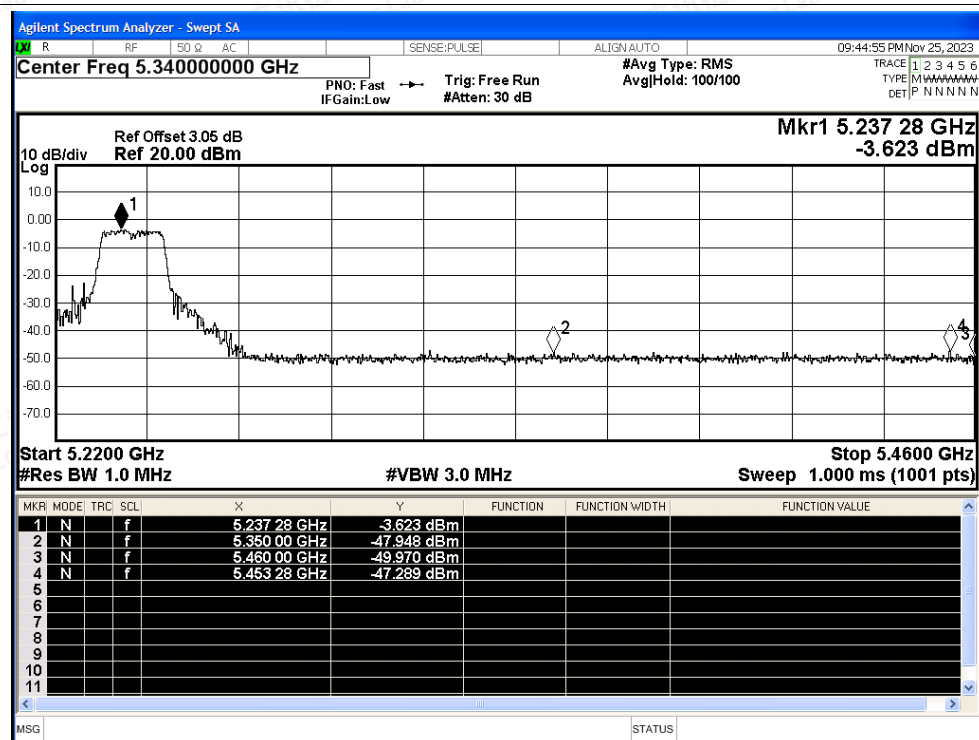


Restrict Band NVNT a 5180MHz Ant0 Average

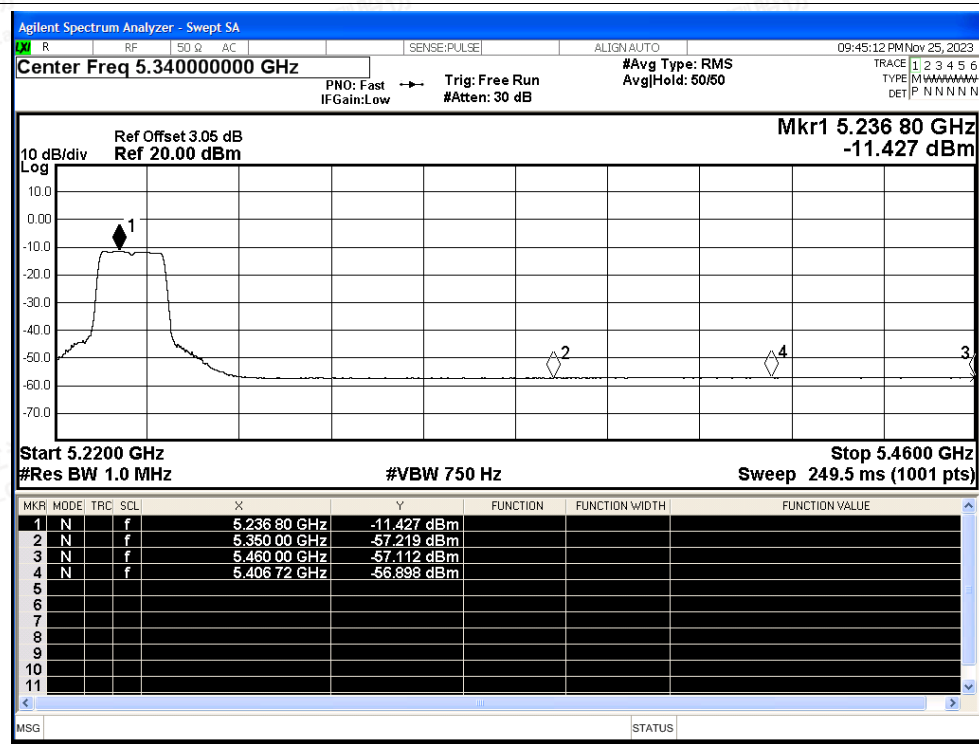




Restrict Band NVNT a 5240MHz Ant0 Peak



Restrict Band NVNT a 5240MHz Ant0 Average



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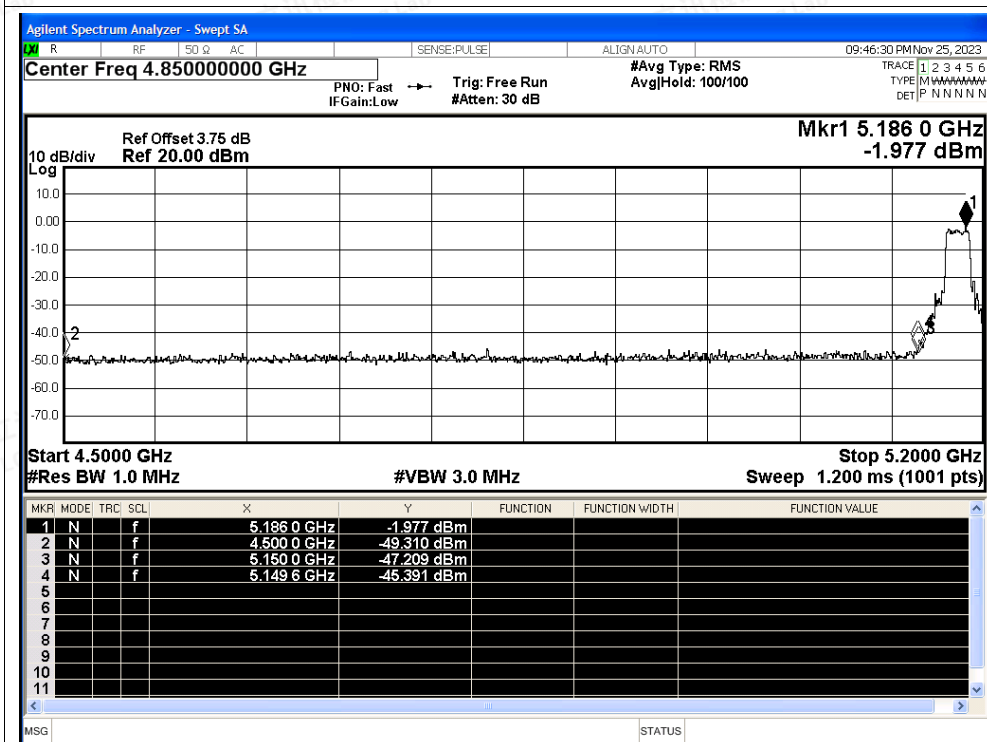
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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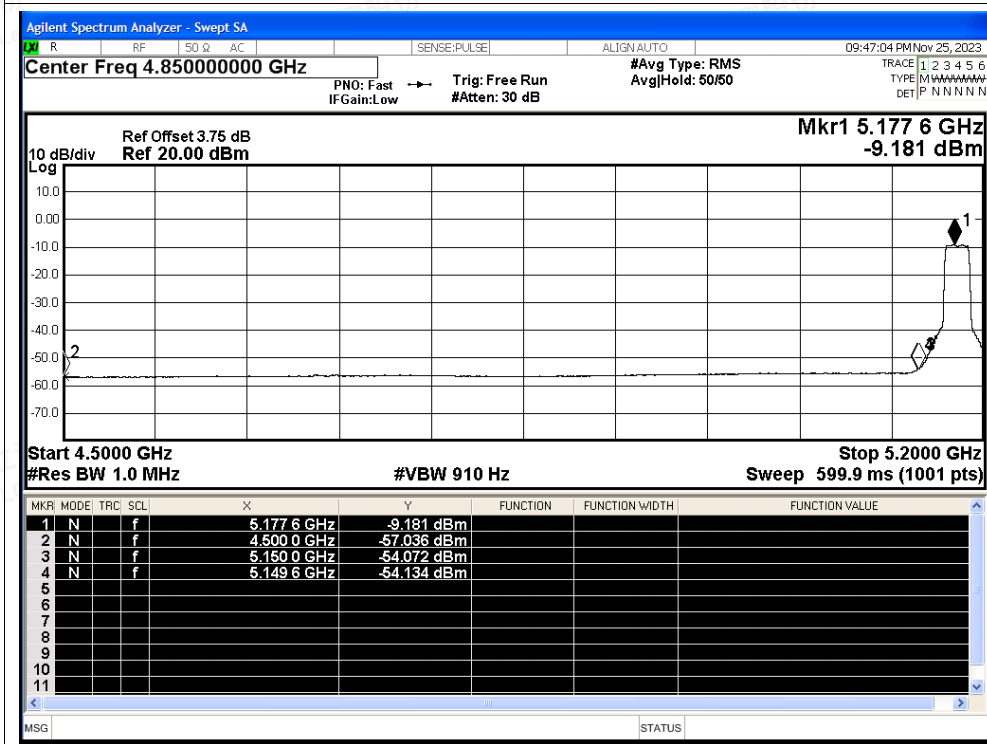
Scan code to check authenticity



Restrict Band NVNT n20 5180MHz MIMO Peak

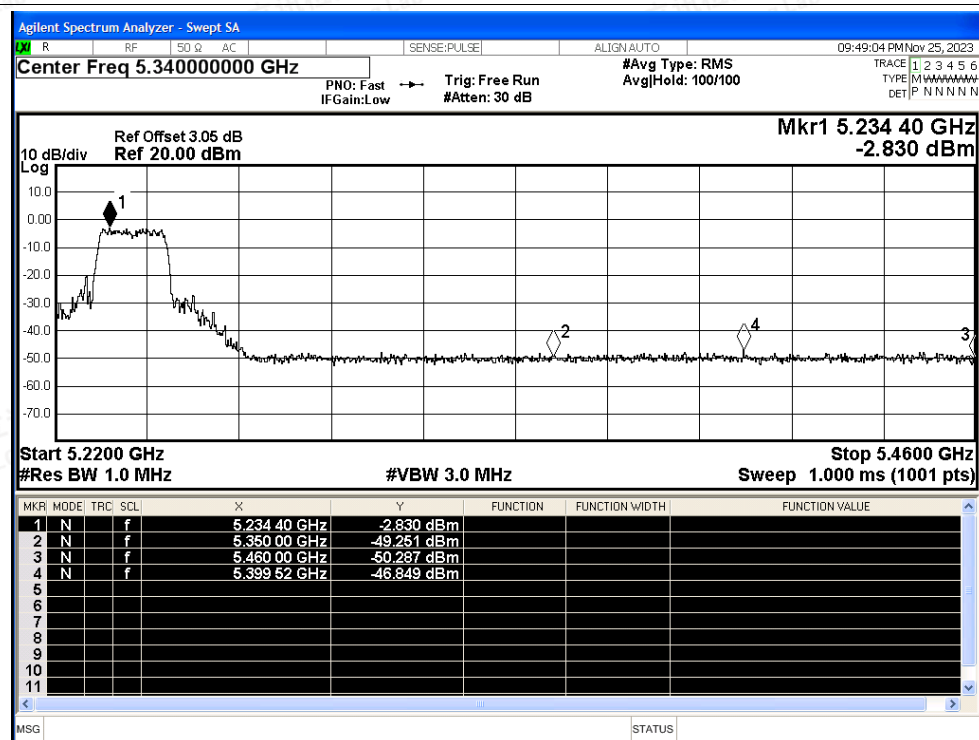


Restrict Band NVNT n20 5180MHz MIMO Average

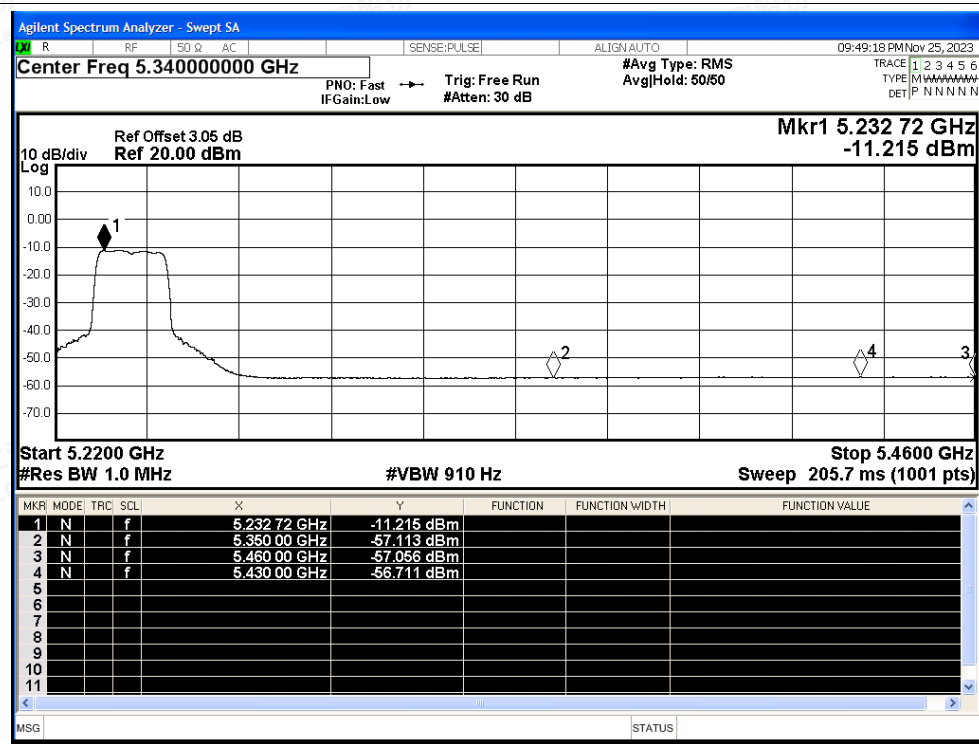




Restrict Band NVNT n20 5240MHz MIMO Peak

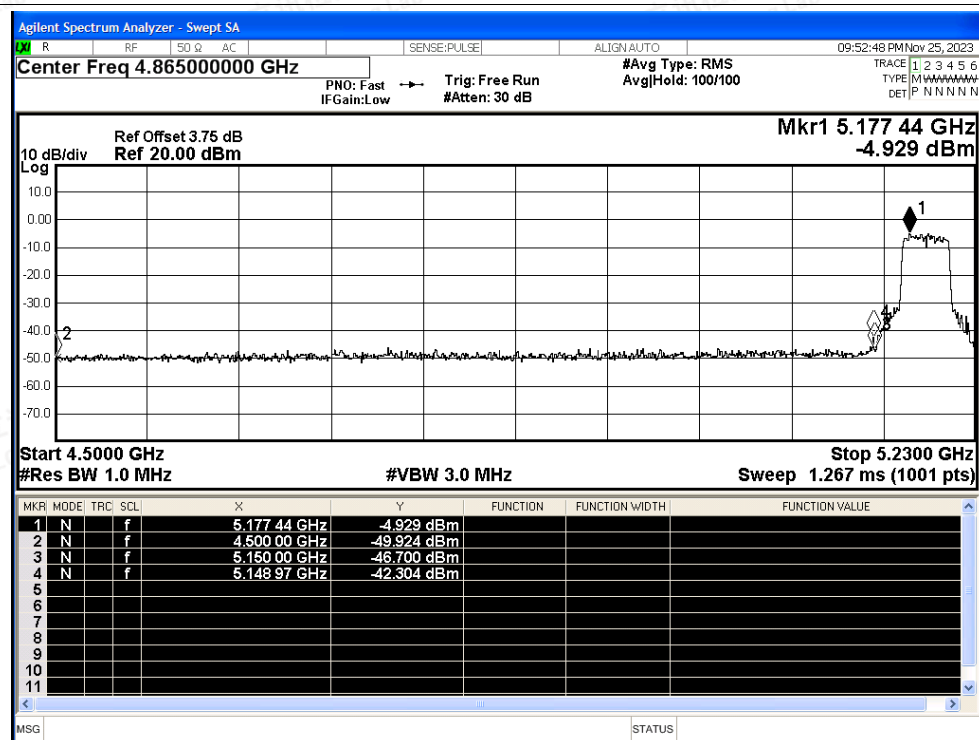


Restrict Band NVNT n20 5240MHz MIMO Average

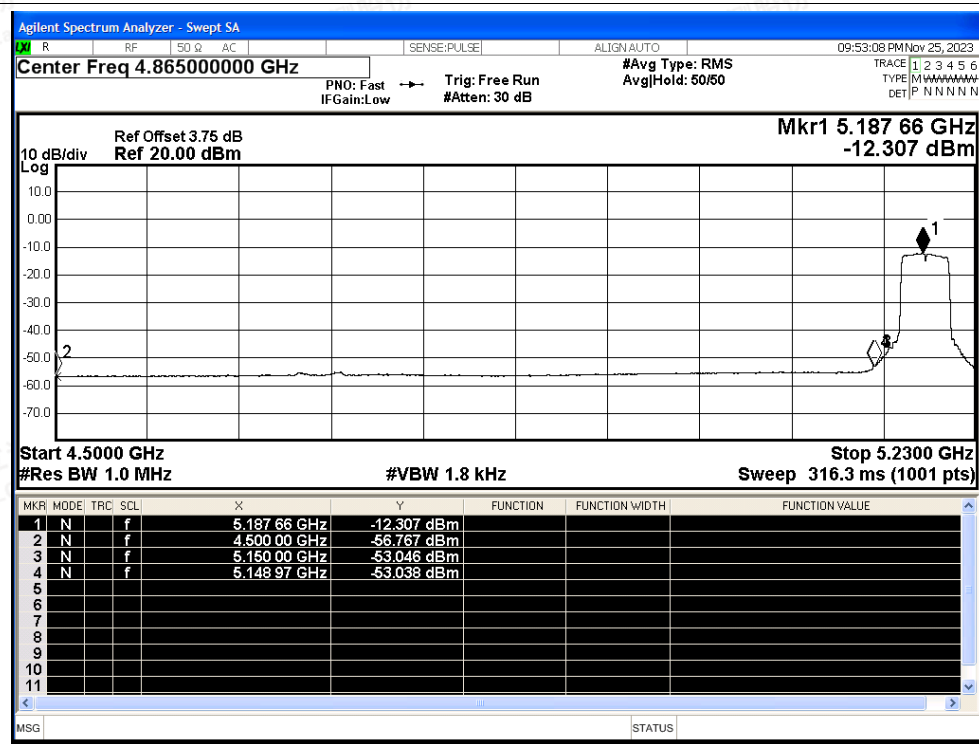




Restrict Band NVNT n40 5190MHz MIMO Peak

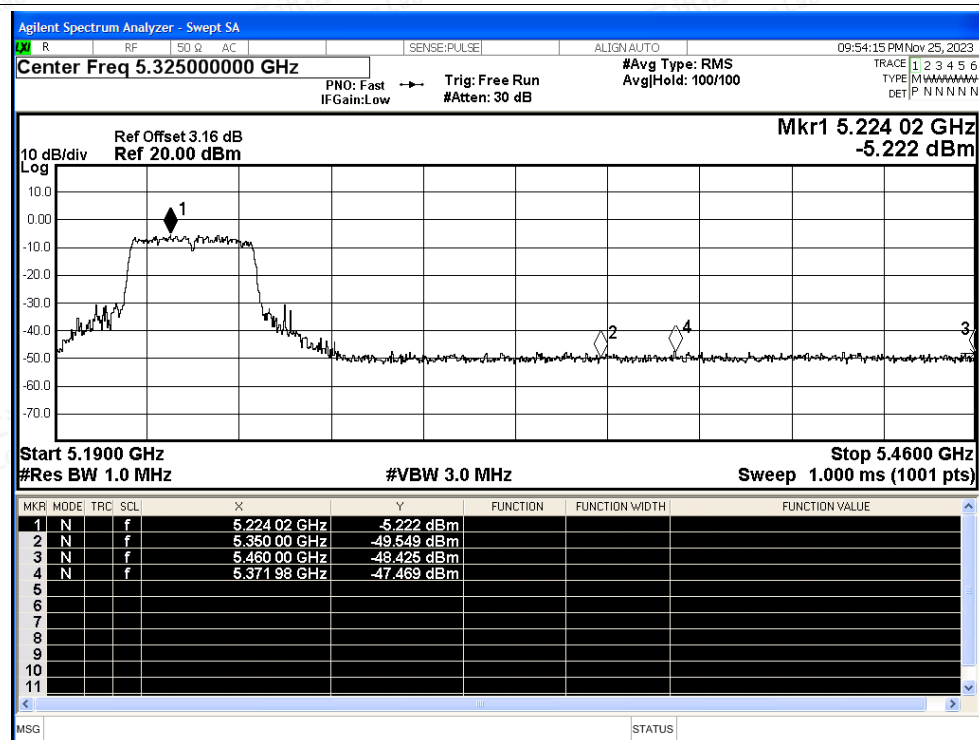


Restrict Band NVNT n40 5190MHz MIMO Average

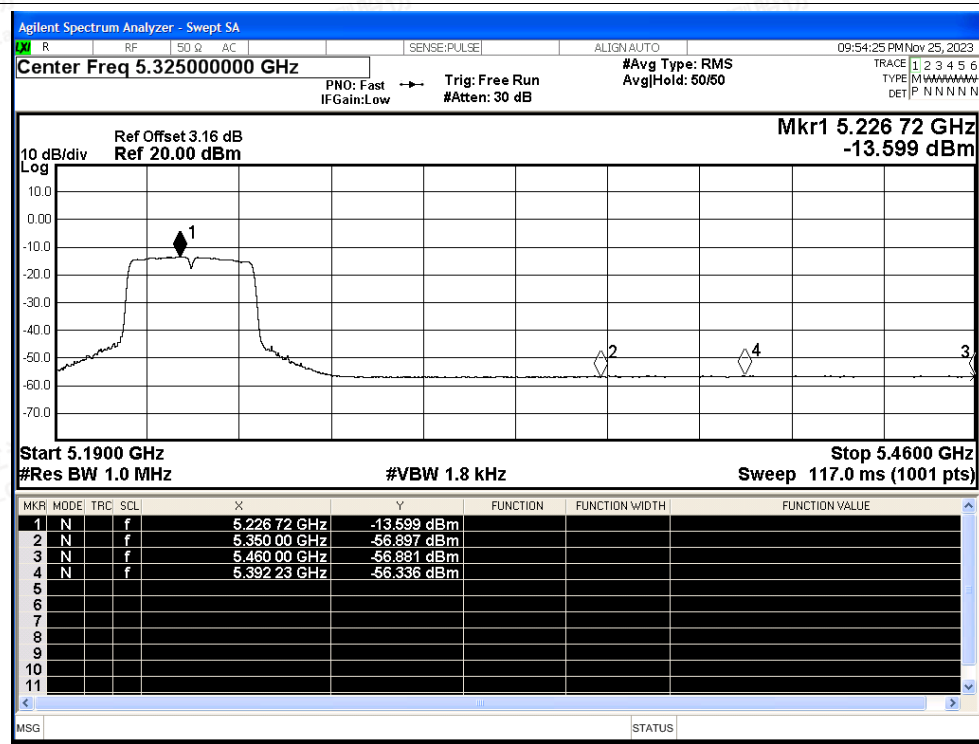




Restrict Band NVNT n40 5230MHz MIMO Peak

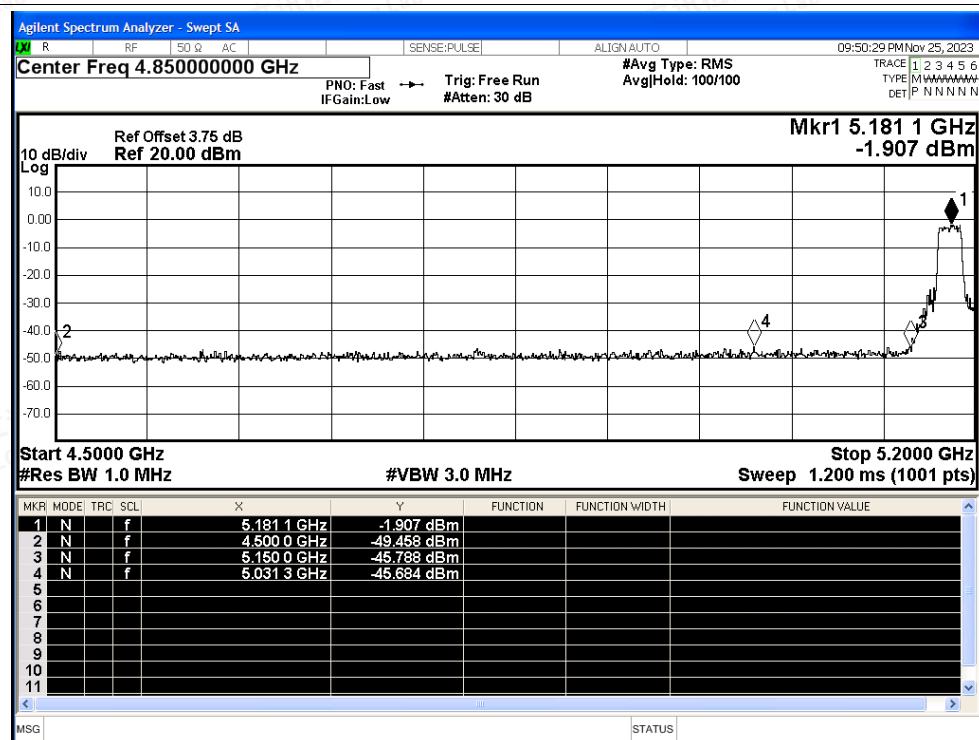


Restrict Band NVNT n40 5230MHz MIMO Average

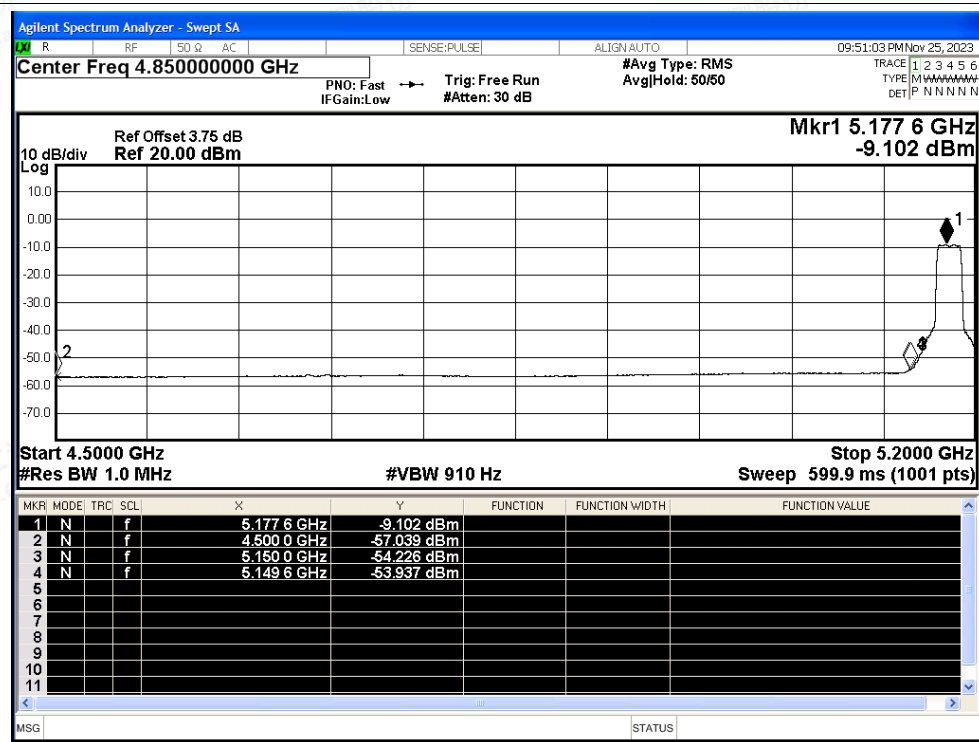




Restrict Band NVNT ac20 5180MHz MIMO Peak

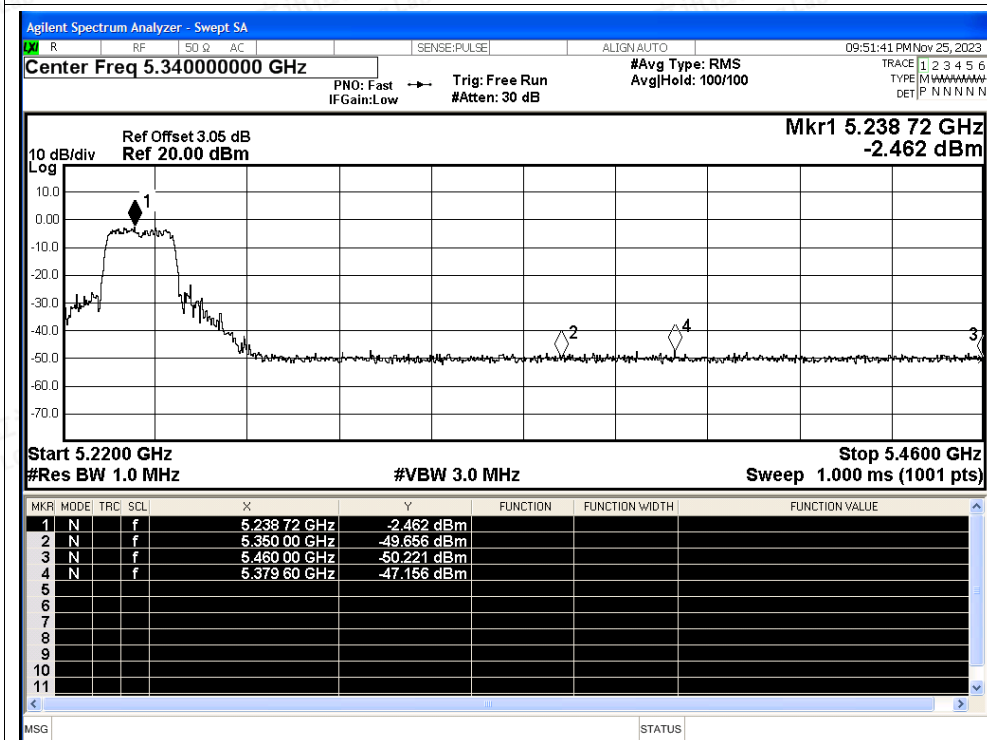


Restrict Band NVNT ac20 5180MHz MIMO Average

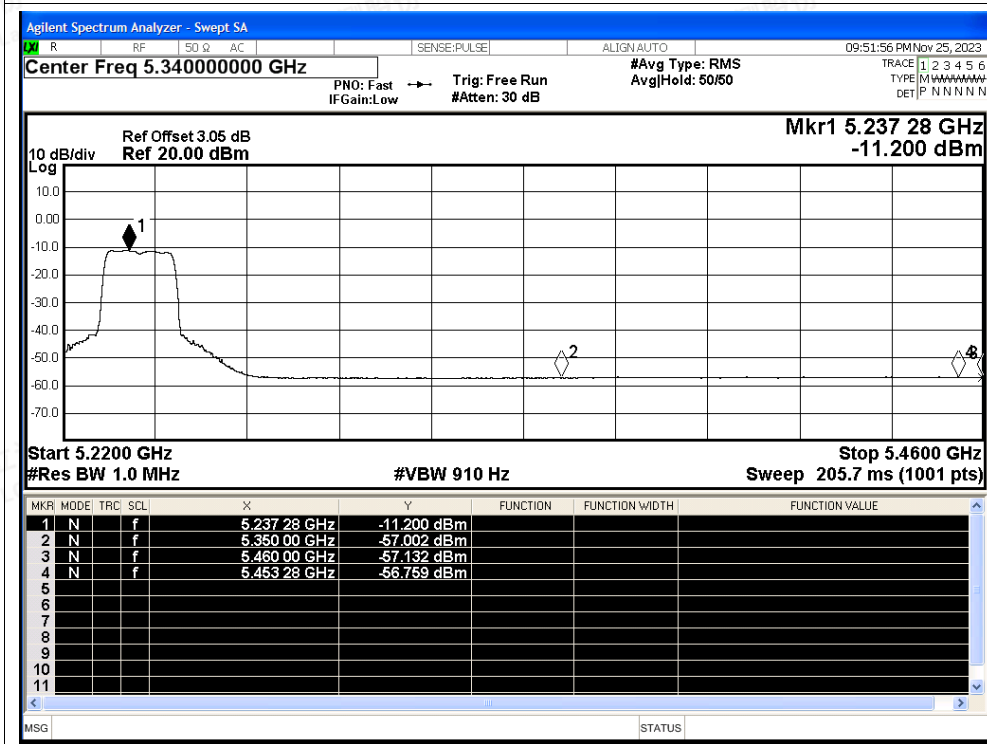




Restrict Band NVNT ac20 5240MHz MIMO Peak



Restrict Band NVNT ac20 5240MHz MIMO Average



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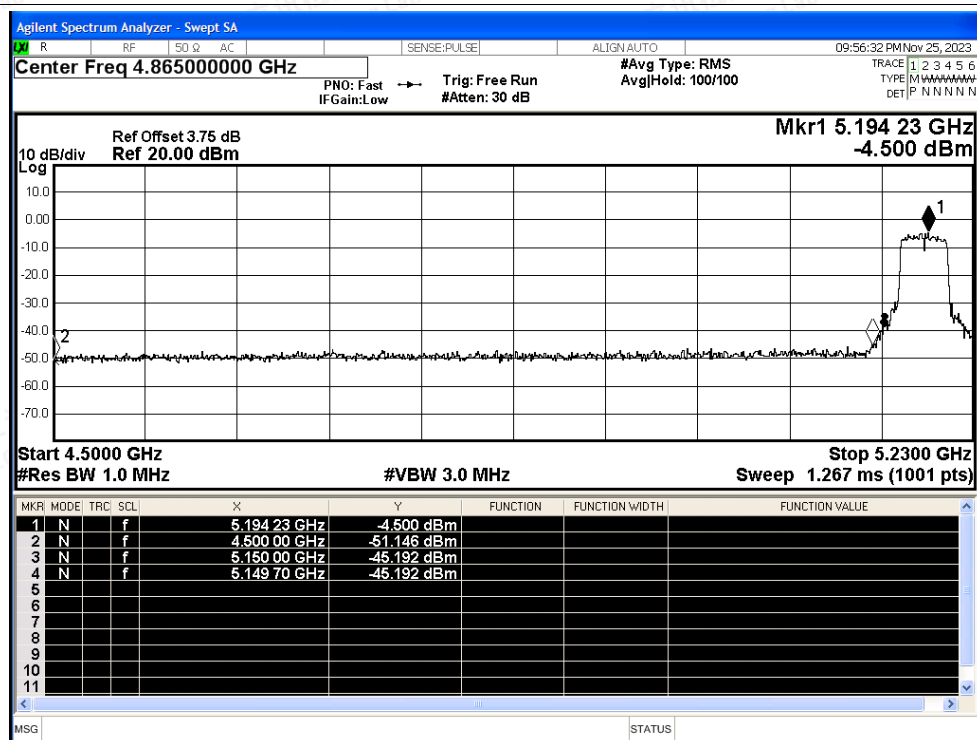
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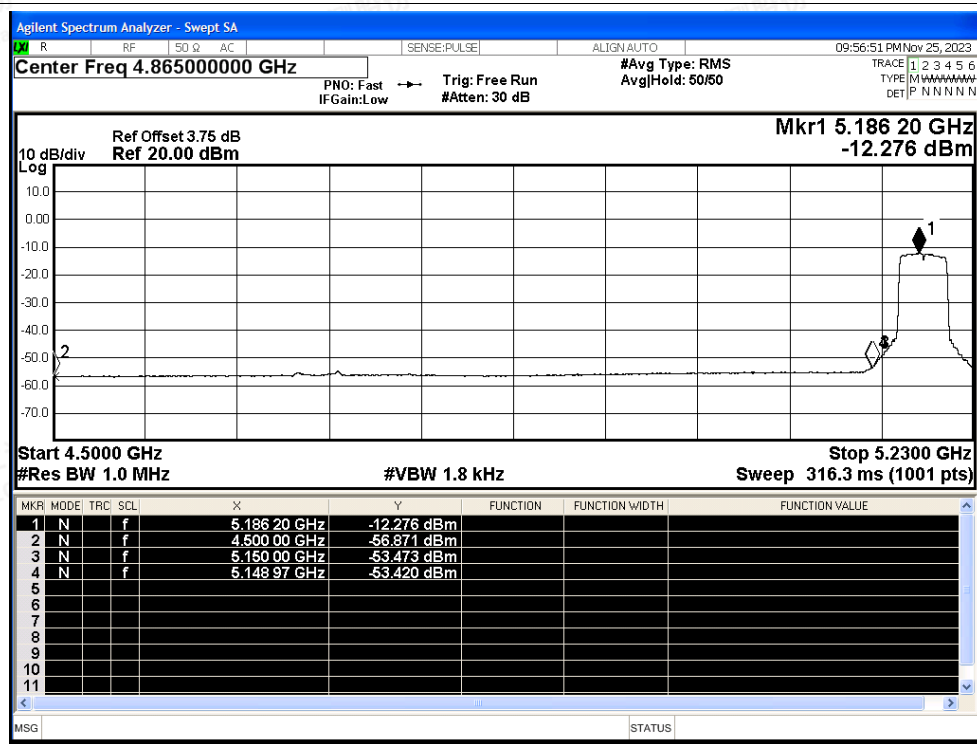
Scan code to check authenticity



Restrict Band NVNT ac40 5190MHz MIMO Peak



Restrict Band NVNT ac40 5190MHz MIMO Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

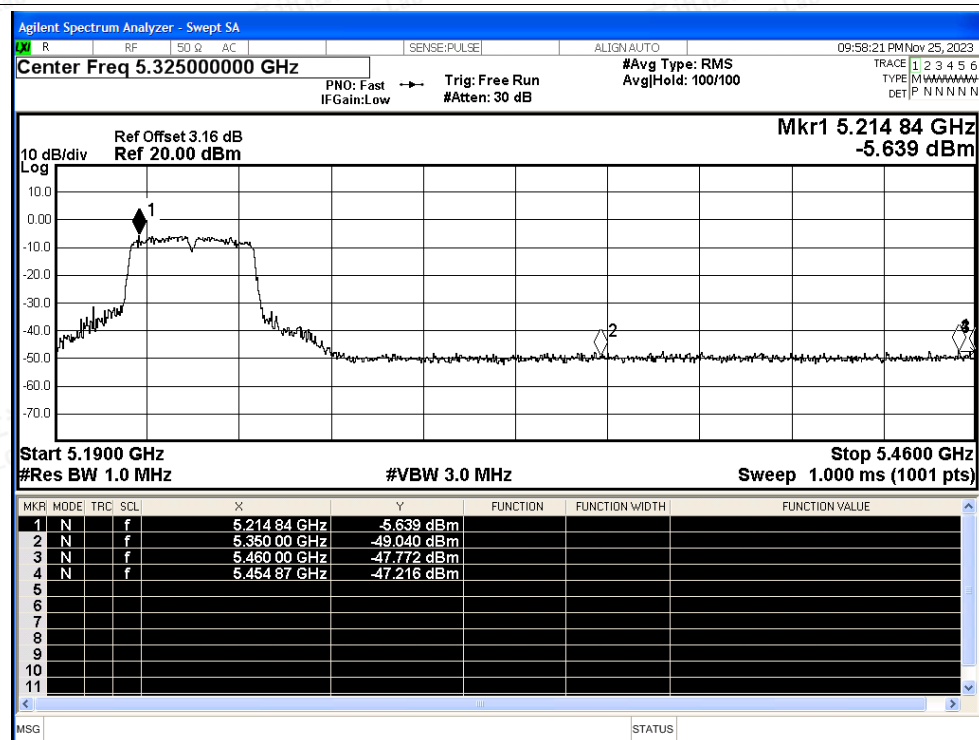
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

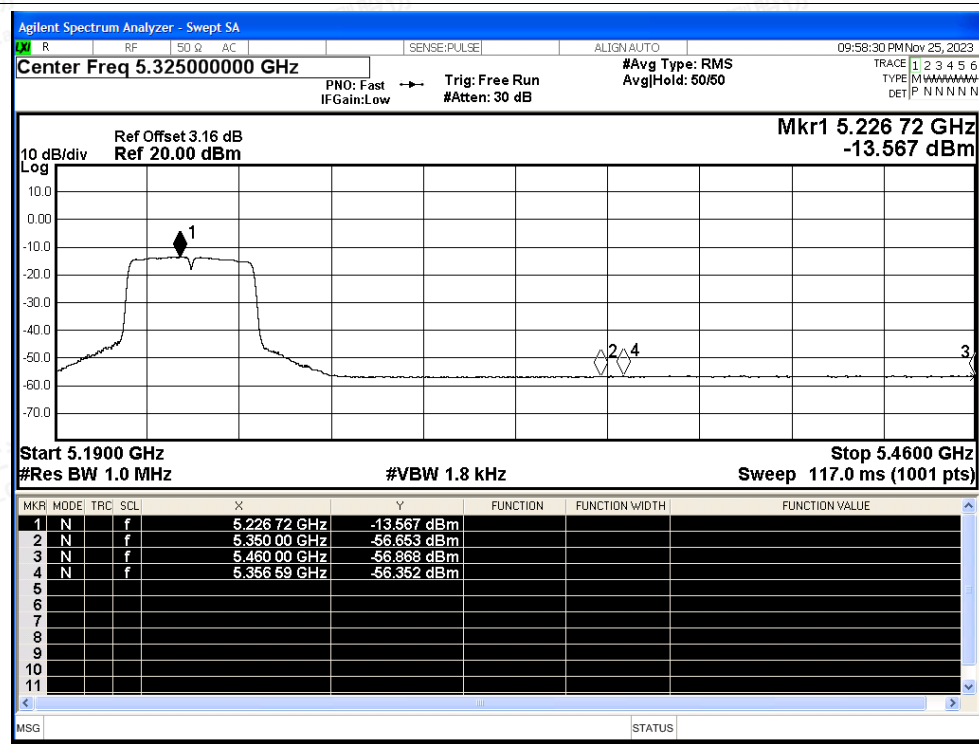
Scan code to check authenticity



Restrict Band NVNT ac40 5230MHz MIMO Peak

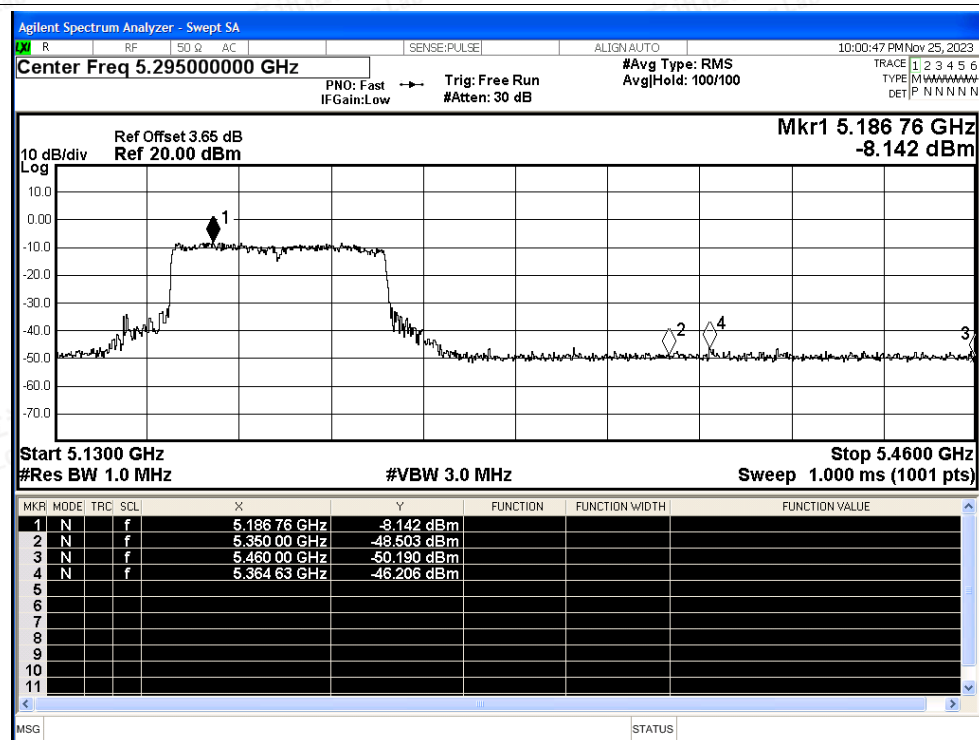


Restrict Band NVNT ac40 5230MHz MIMO Average

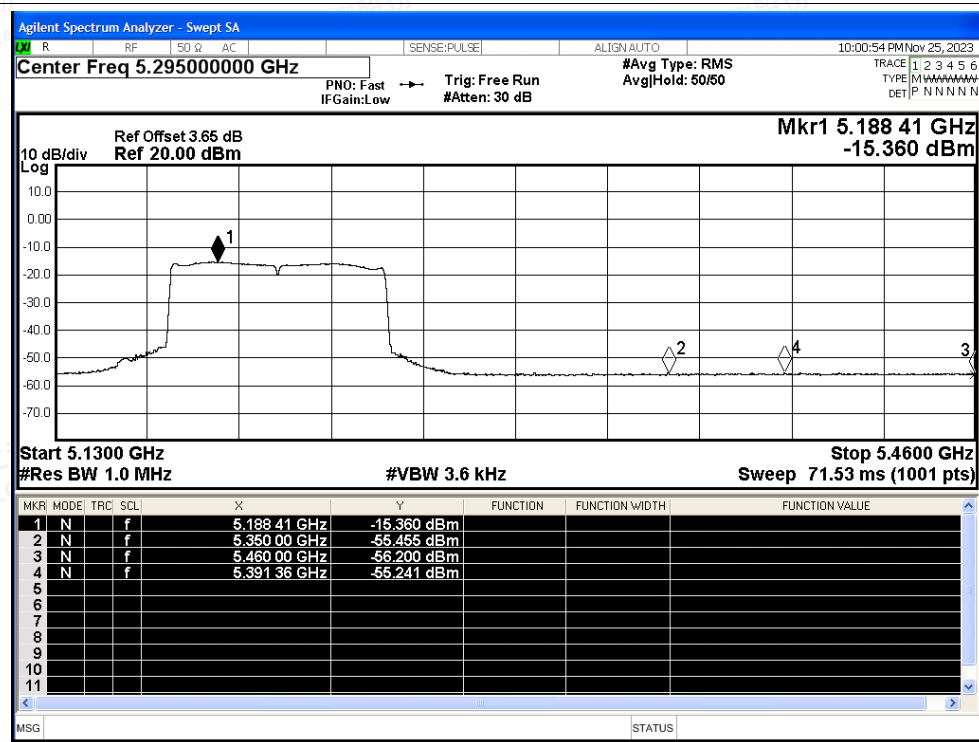




Restrict Band NVNT ac80 5210MHz MIMO Peak

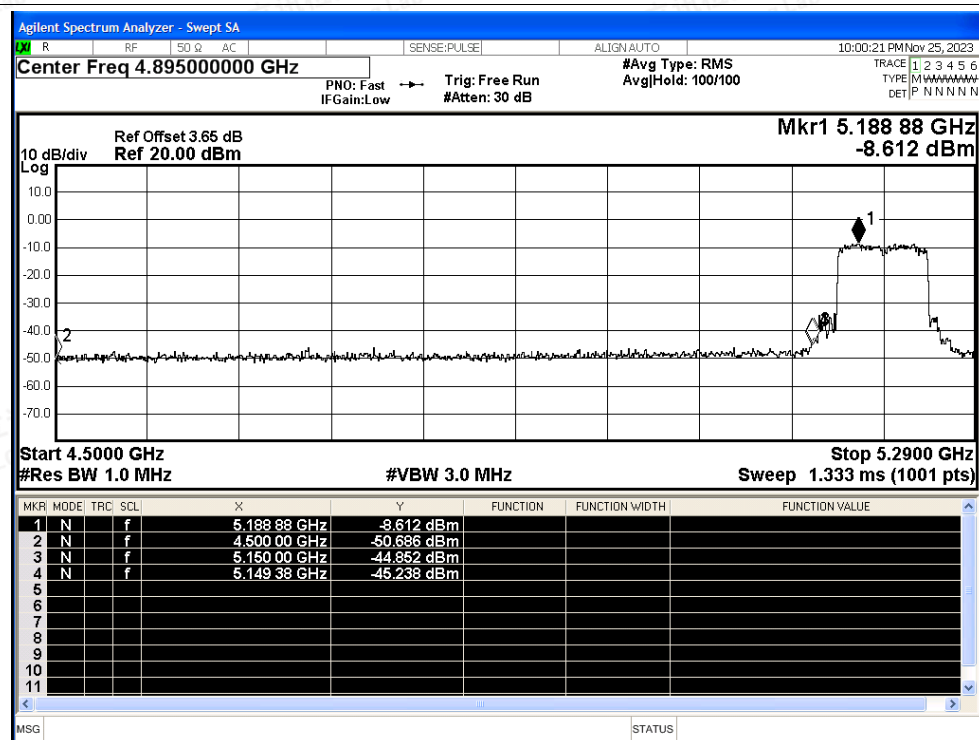


Restrict Band NVNT ac80 5210MHz MIMO Average

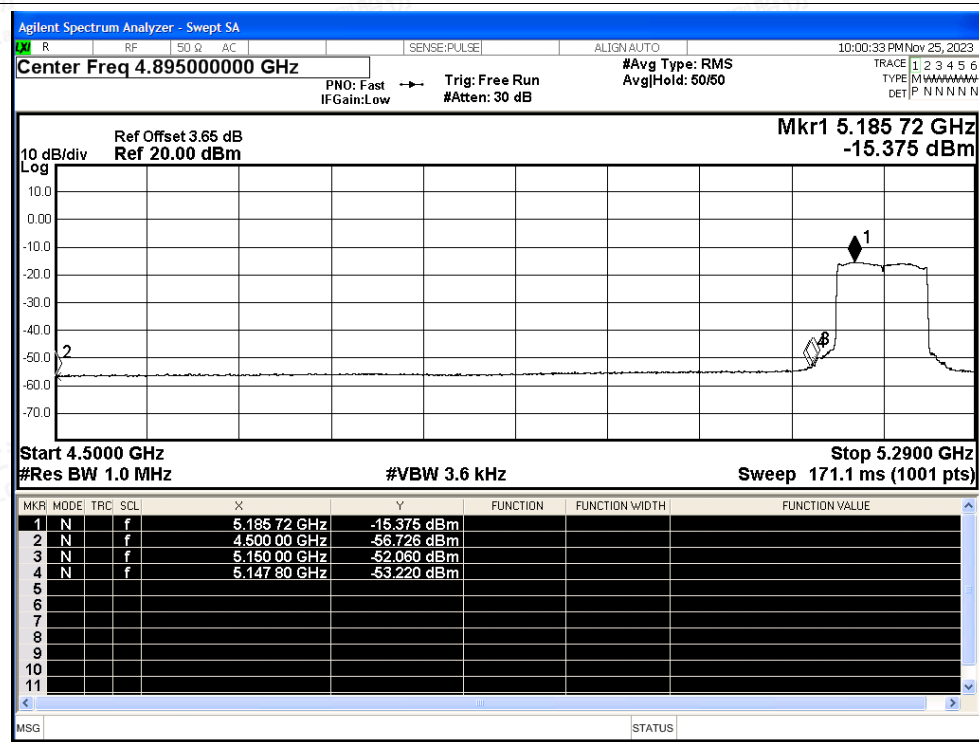




Restrict Band NVNT ac80 5210MHz MIMO Peak



Restrict Band NVNT ac80 5210MHz MIMO Average





C.5 Frequency Stability

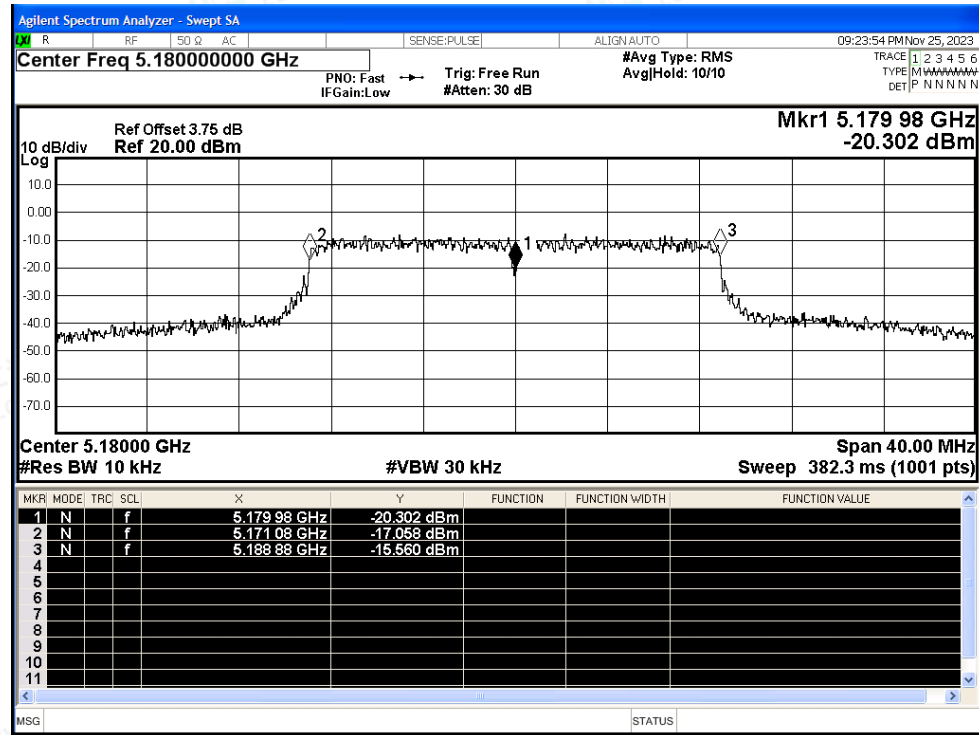
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ac20	5180	Ant0	5179.98	-20000	-3.86	25	Pass
NVNT	ac20	5200	Ant0	5199.96	-40000	-7.69	25	Pass
NVNT	ac20	5240	Ant0	5239.98	-20000	-3.82	25	Pass
NVNT	ac40	5190	Ant0	5190	0	0	25	Pass
NVNT	ac40	5230	Ant0	5230	0	0	25	Pass
NVNT	ac80	5210	Ant0	5210	0	0	25	Pass



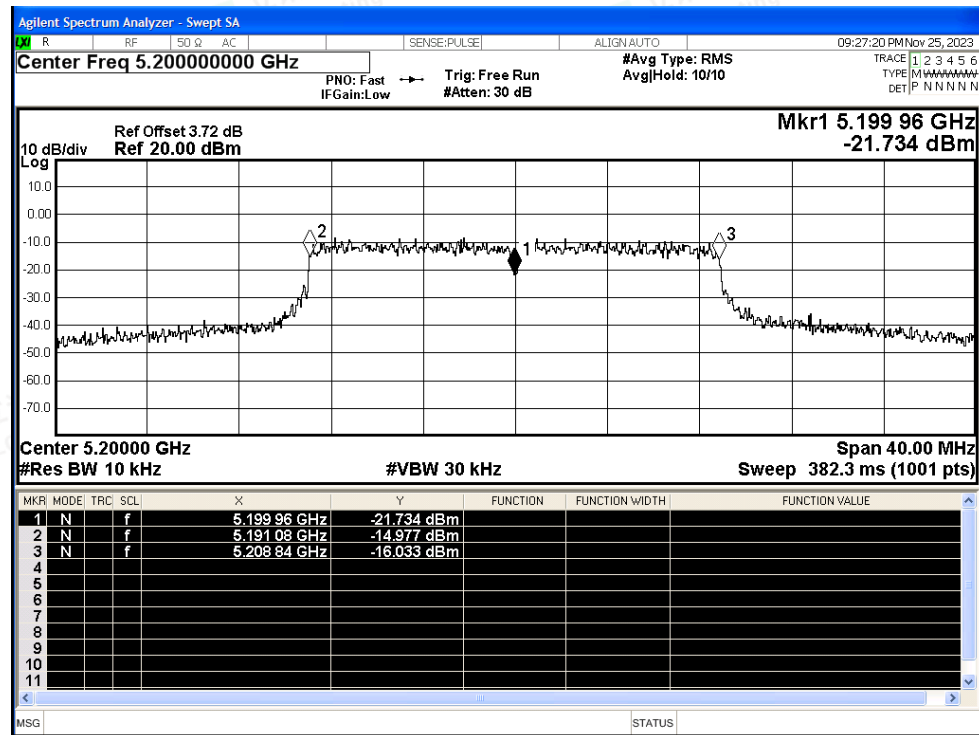


Test Graphs

Freq. Stability NVNT ac20 5180MHz Ant0

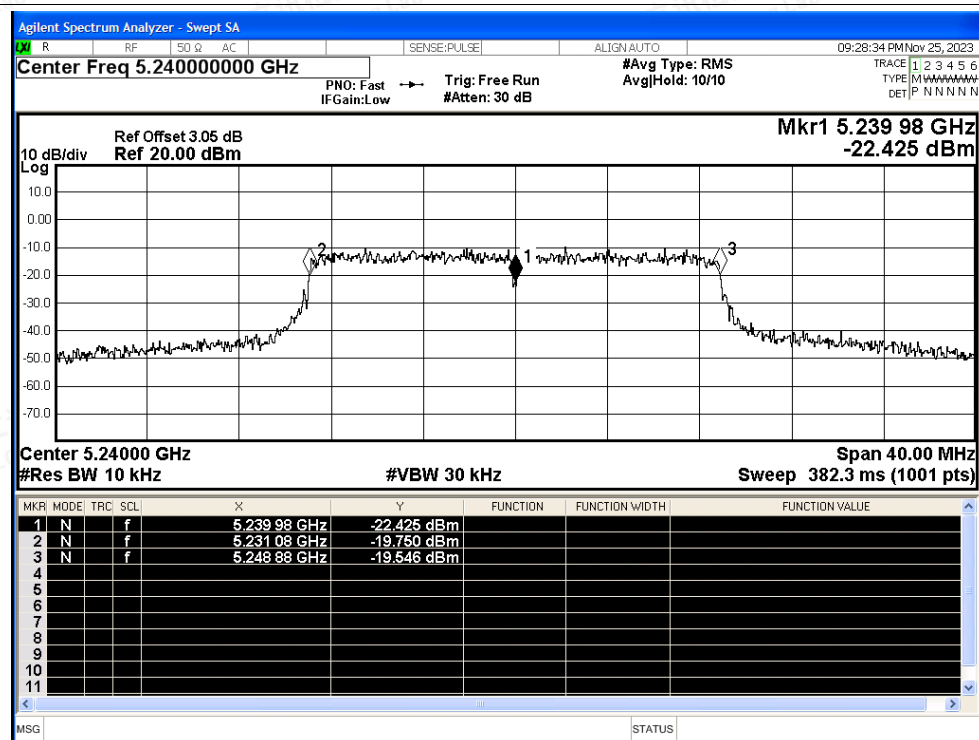


Freq. Stability NVNT ac20 5200MHz Ant0

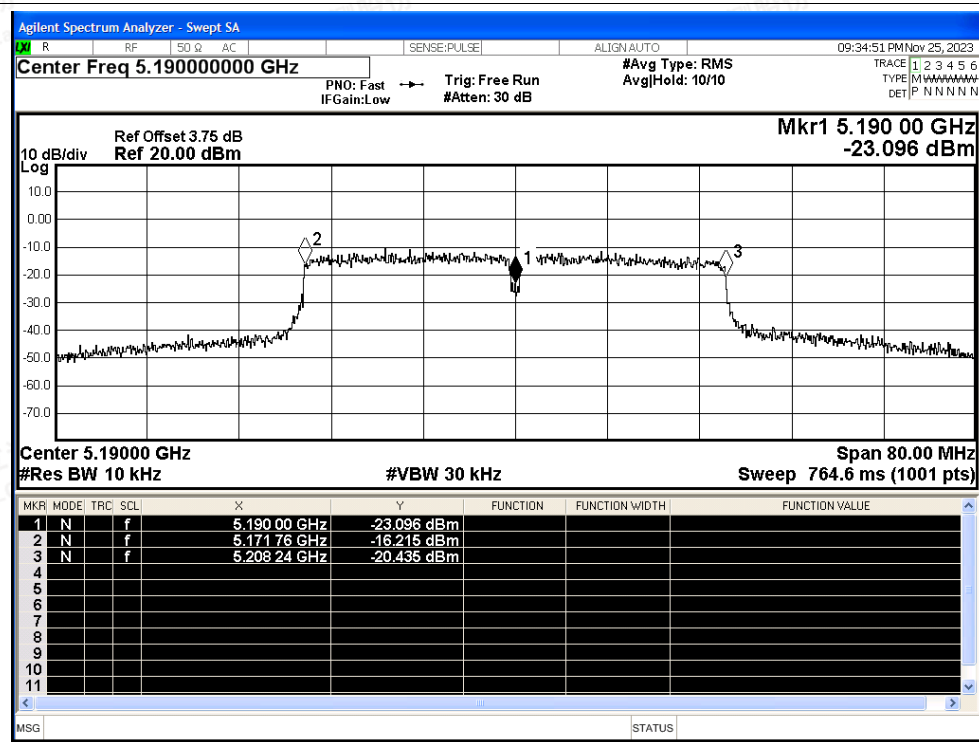




Freq. Stability NVNT ac20 5240MHz Ant0

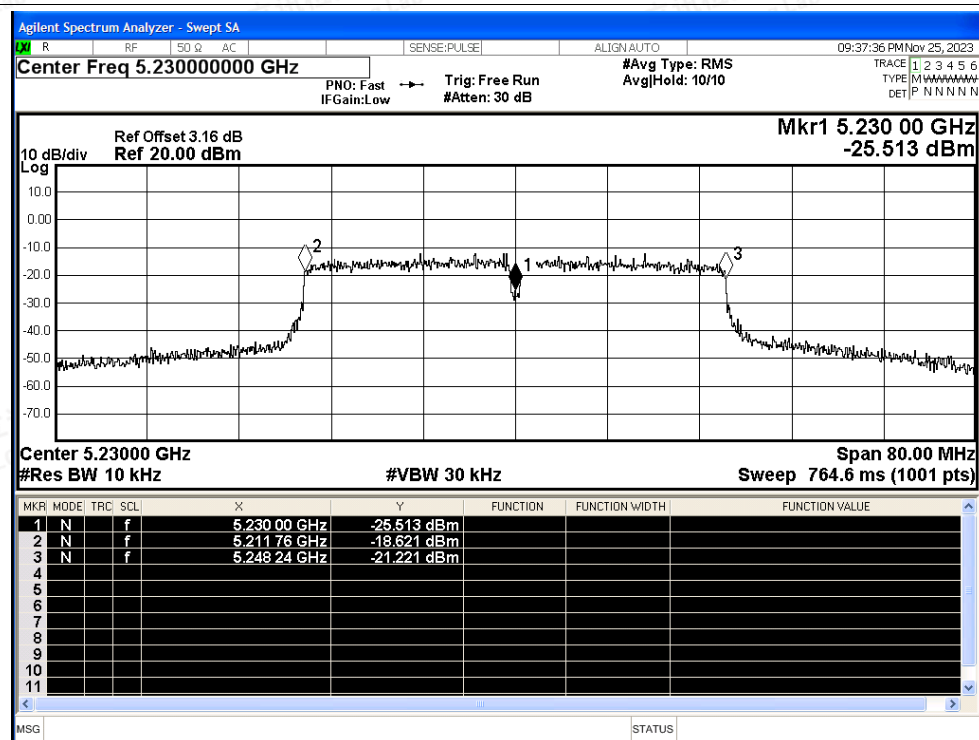


Freq. Stability NVNT ac40 5190MHz Ant0

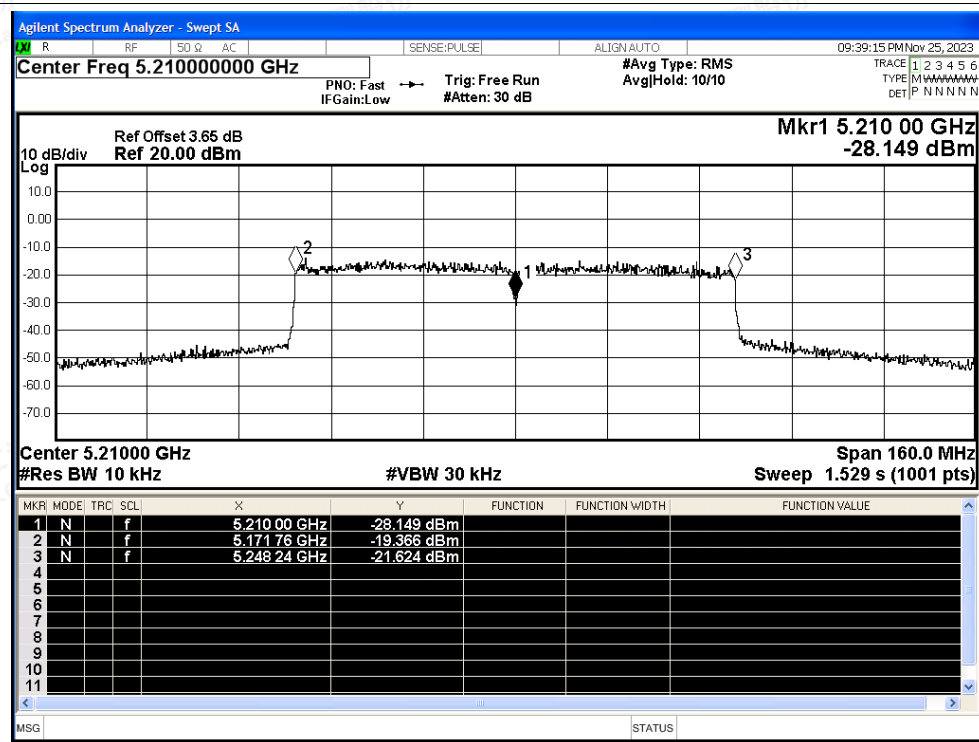




Freq. Stability NVNT ac40 5230MHz Ant0



Freq. Stability NVNT ac80 5210MHz Ant0





Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
NVNT	ac20	5200	Ant1	5200	0	0	25	Pass
NVNT	ac20	5240	Ant1	5240	0	0	25	Pass
NVNT	ac40	5190	Ant1	5190	0	0	25	Pass
NVNT	ac40	5230	Ant1	5230	0	0	25	Pass
NVNT	ac80	5210	Ant1	5209.92	-80000	-15.36	25	Pass

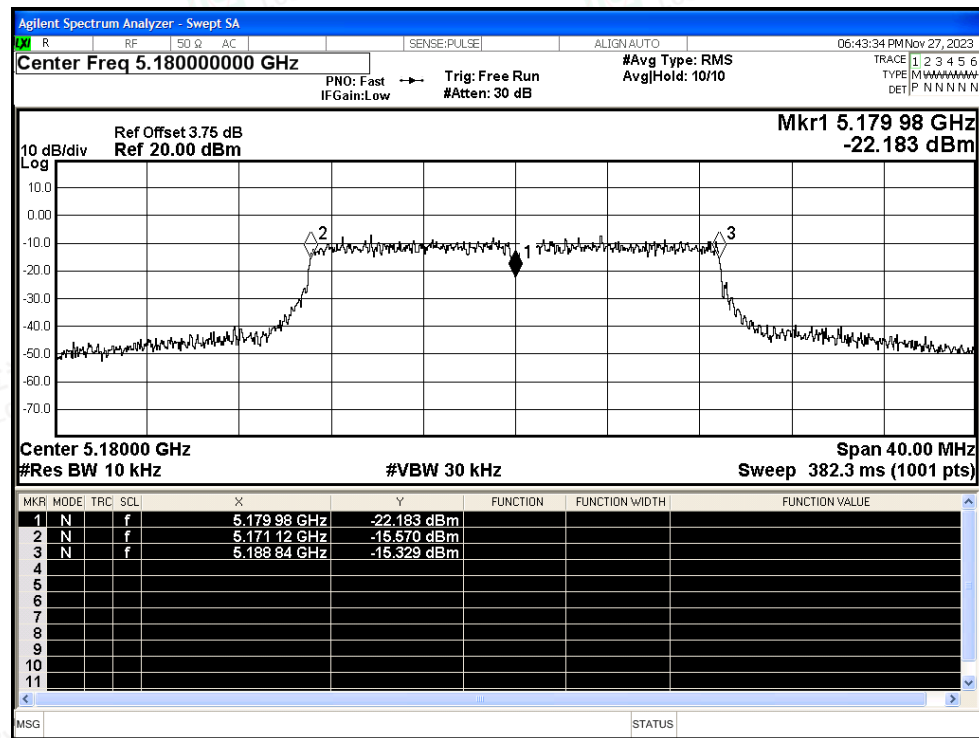


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518000, China
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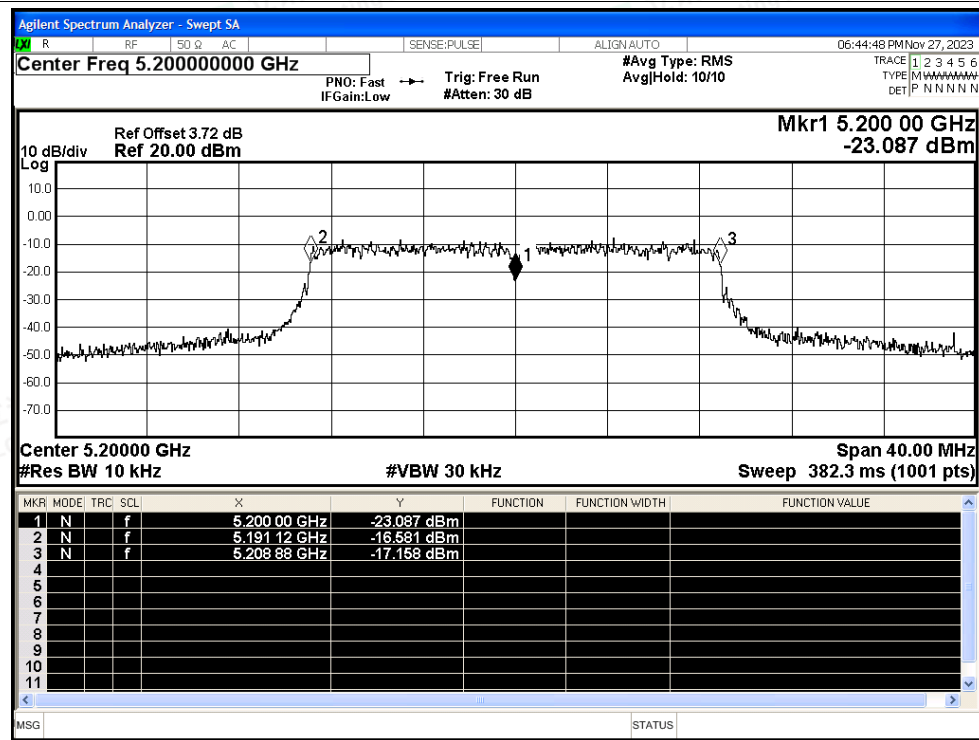


Test Graphs

Freq. Stability NVNT ac20 5180MHz Ant1

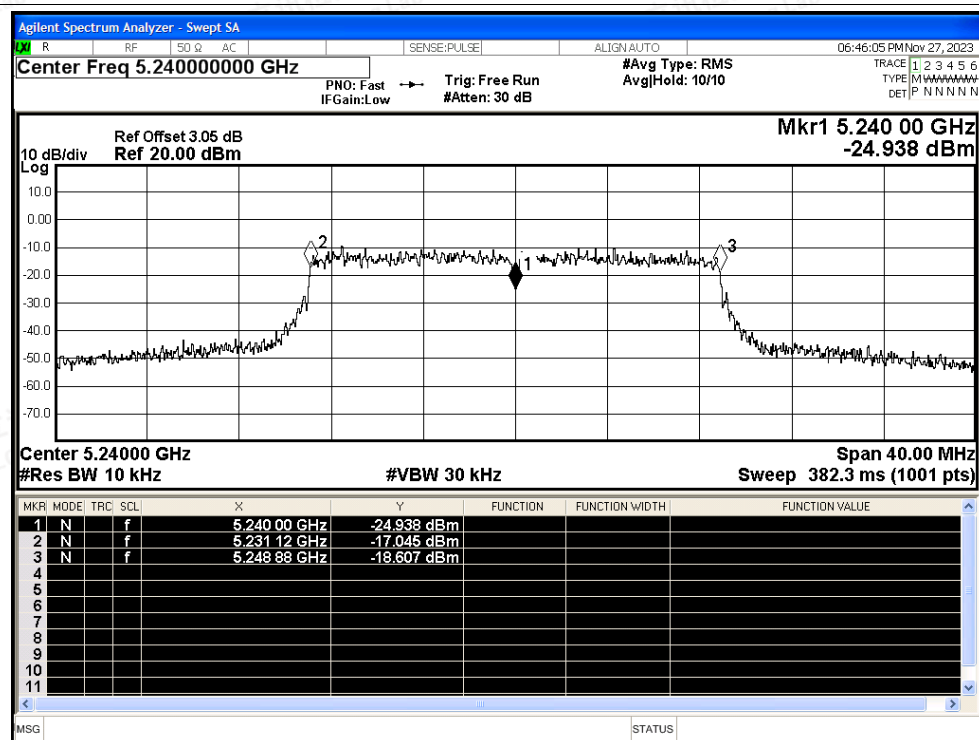


Freq. Stability NVNT ac20 5200MHz Ant1

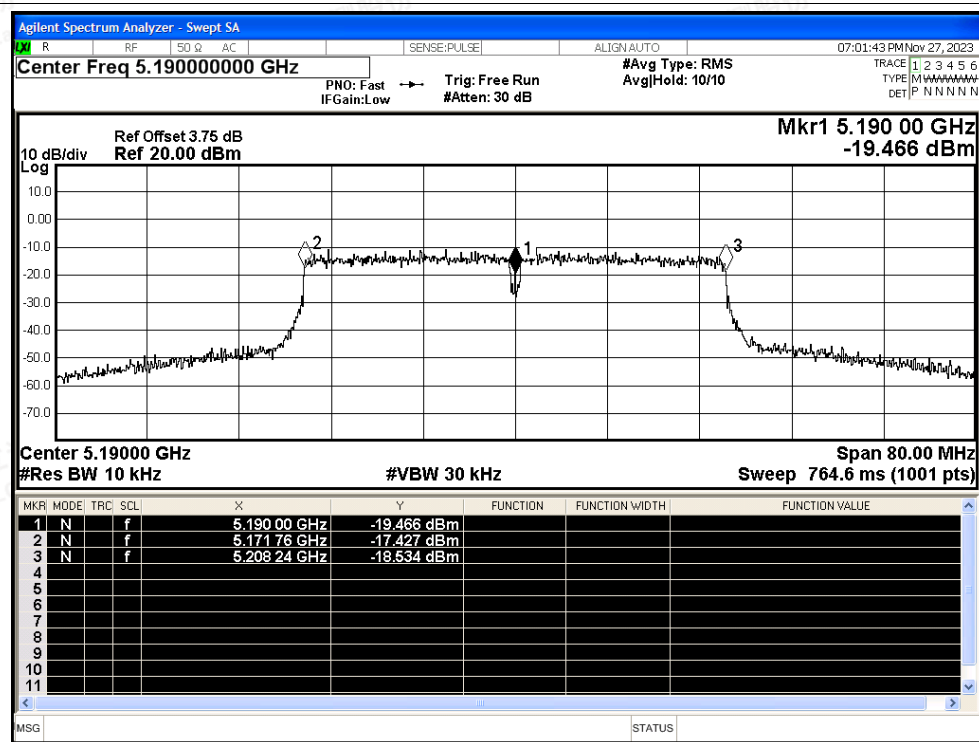




Freq. Stability NVNT ac20 5240MHz Ant1

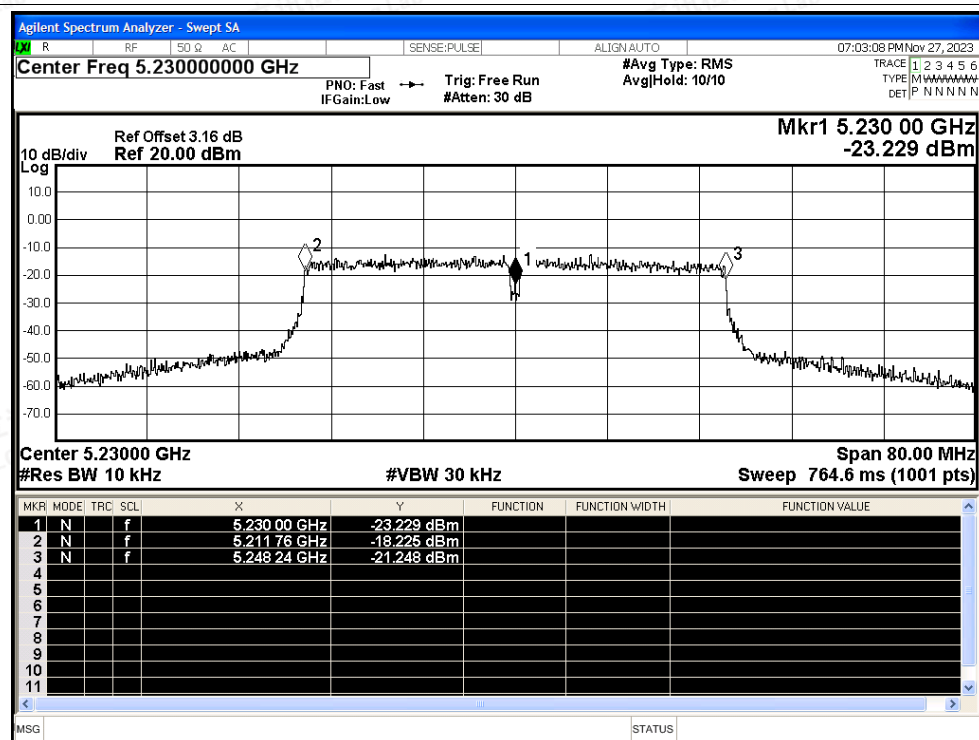


Freq. Stability NVNT ac40 5190MHz Ant1

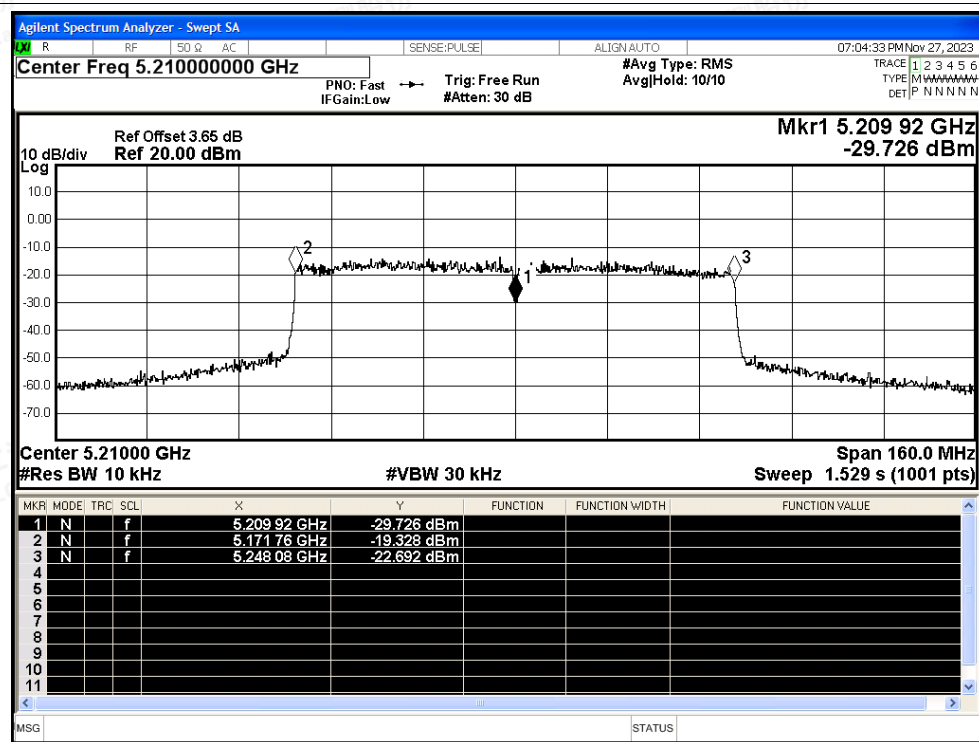




Freq. Stability NVNT ac40 5230MHz Ant1



Freq. Stability NVNT ac80 5210MHz Ant1





C.6 Duty Cycle

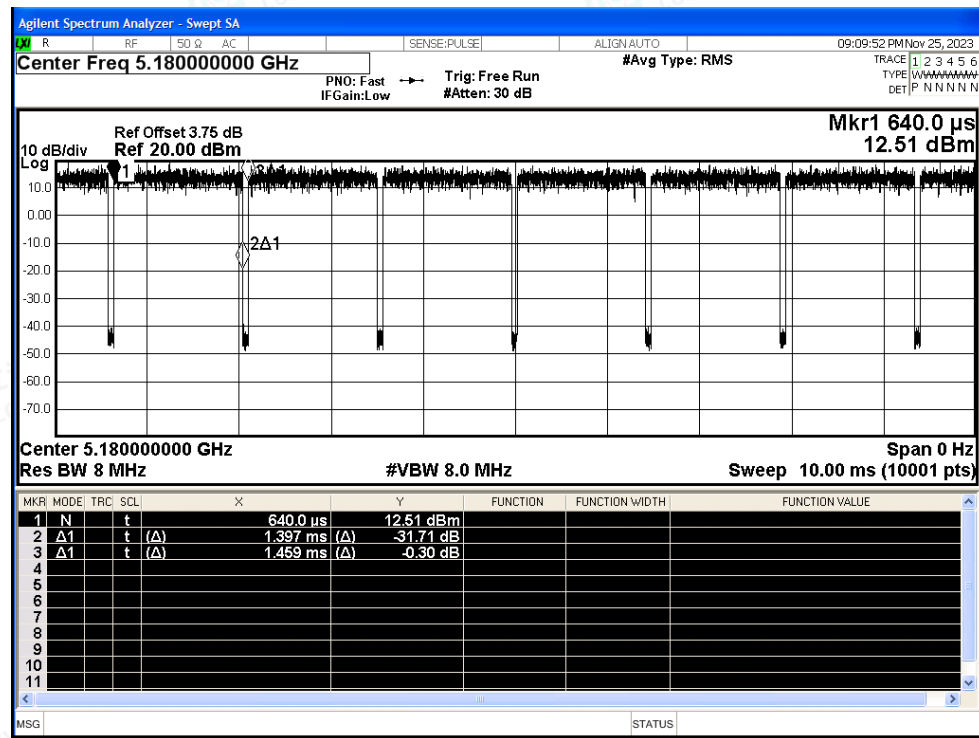
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant0	95.75	0.19	0.72
NVNT	a	5200	Ant0	95.75	0.19	0.72
NVNT	a	5240	Ant0	95.68	0.19	0.72
NVNT	n20	5180	Ant0	94.94	0.23	0.85
NVNT	n20	5200	Ant0	95.02	0.22	0.85
NVNT	n20	5240	Ant0	94.94	0.23	0.85
NVNT	n40	5190	Ant0	90.45	0.44	1.7
NVNT	n40	5230	Ant0	90.45	0.44	1.7
NVNT	ac20	5180	Ant0	95.05	0.22	0.84
NVNT	ac20	5200	Ant0	95.04	0.22	0.84
NVNT	ac20	5240	Ant0	94.96	0.22	0.84
NVNT	ac40	5190	Ant0	90.56	0.43	1.68
NVNT	ac40	5230	Ant0	90.56	0.43	1.68
NVNT	ac80	5210	Ant0	82.68	0.83	3.38



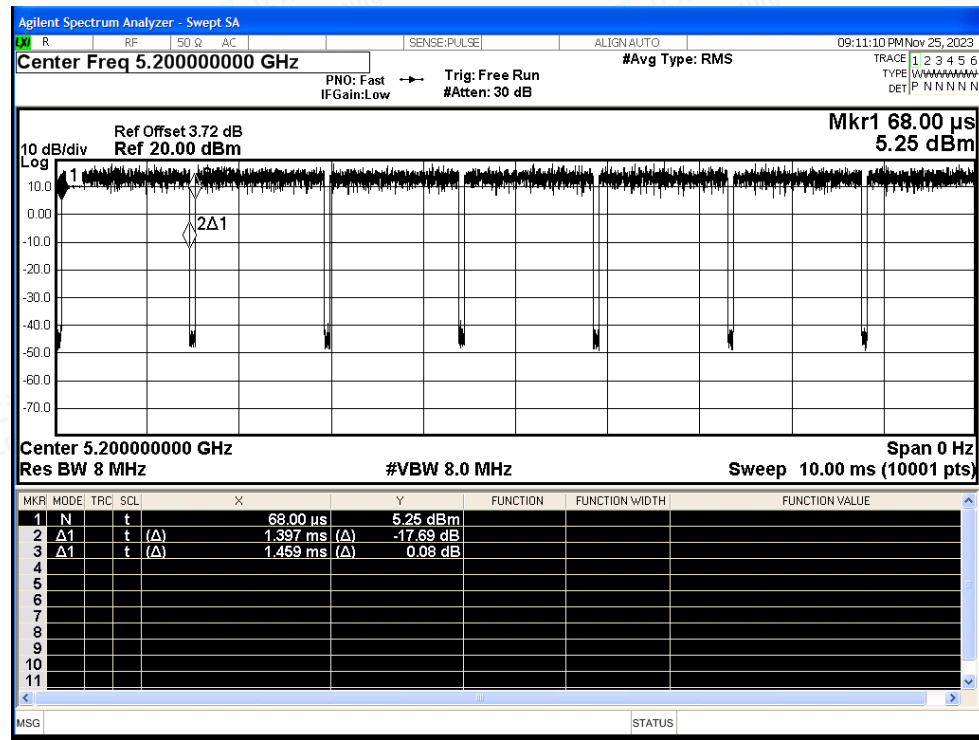


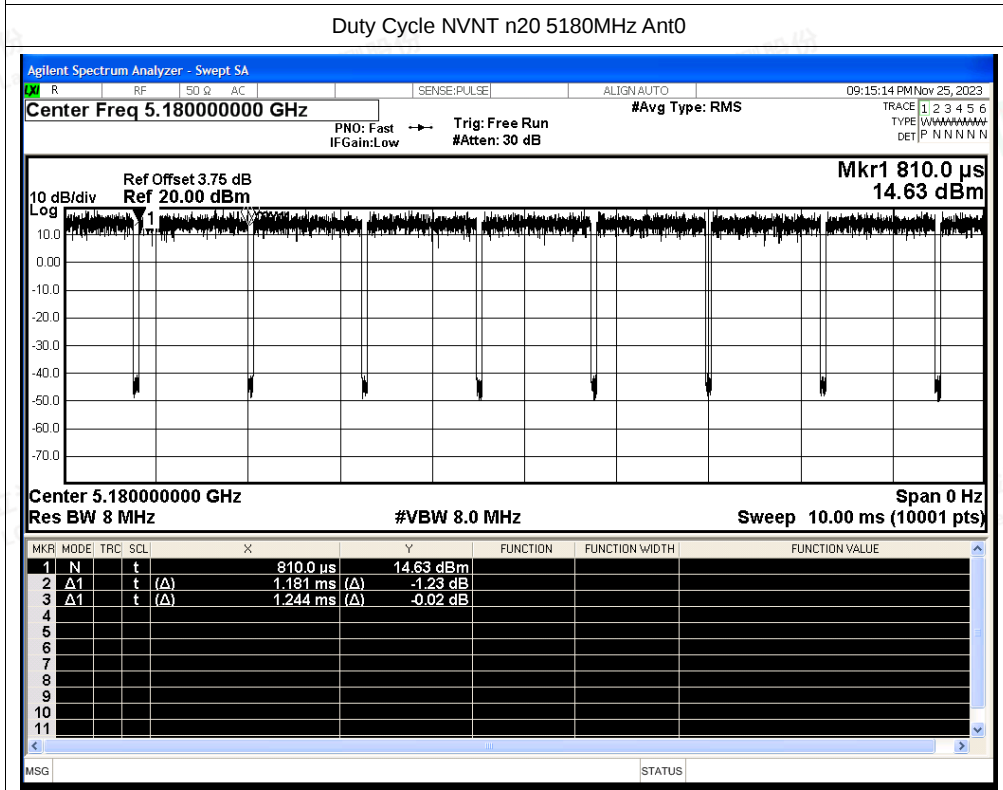
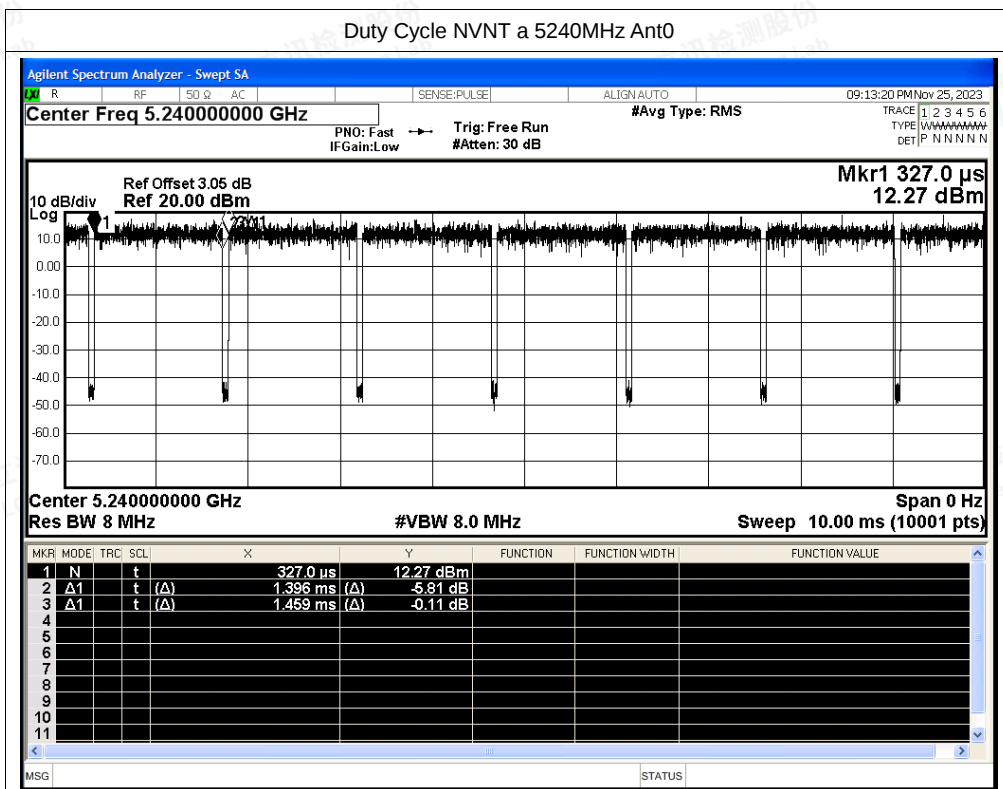
Test Graphs

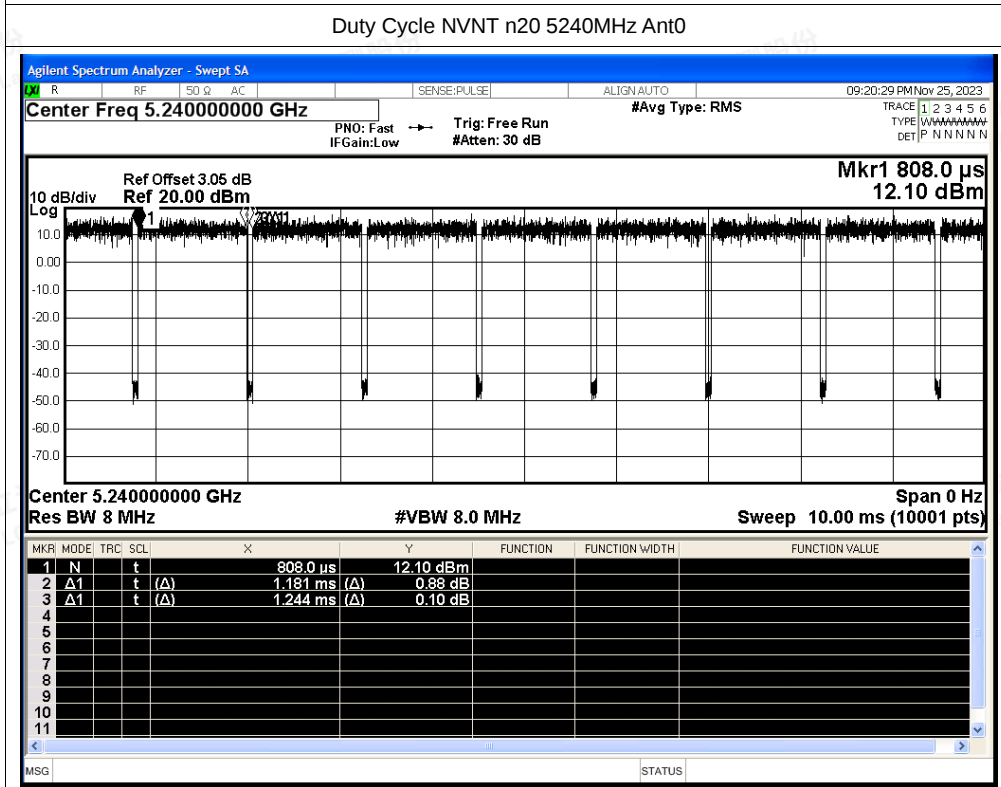
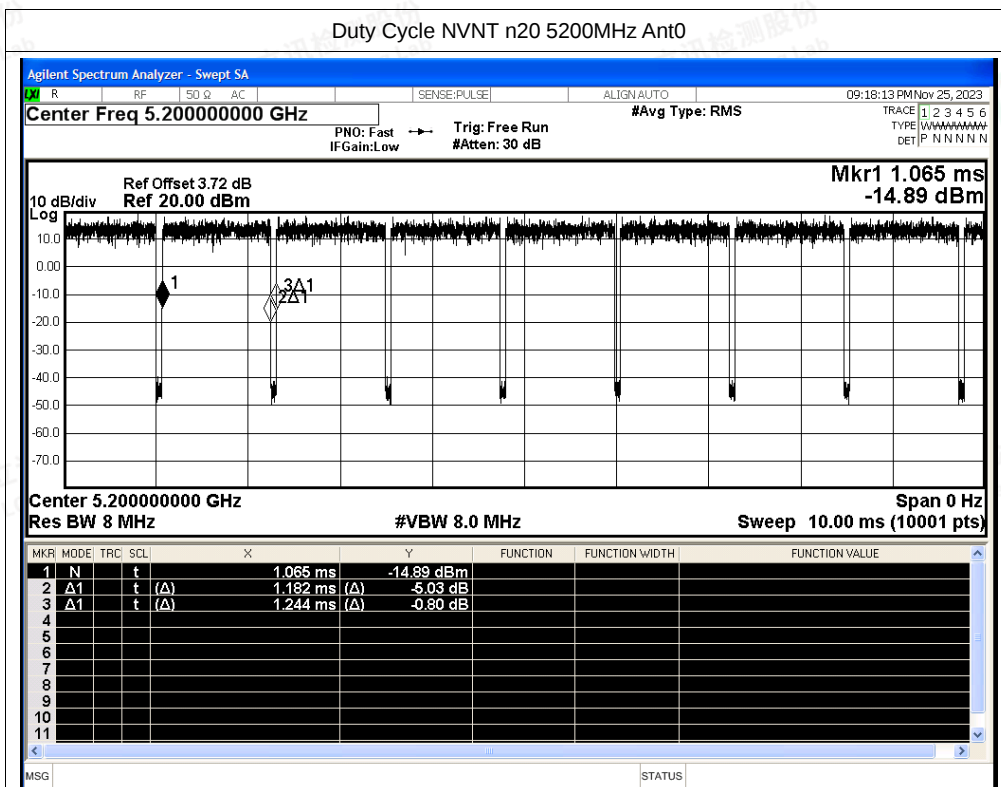
Duty Cycle NVNT a 5180MHz Ant0



Duty Cycle NVNT a 5200MHz Ant0

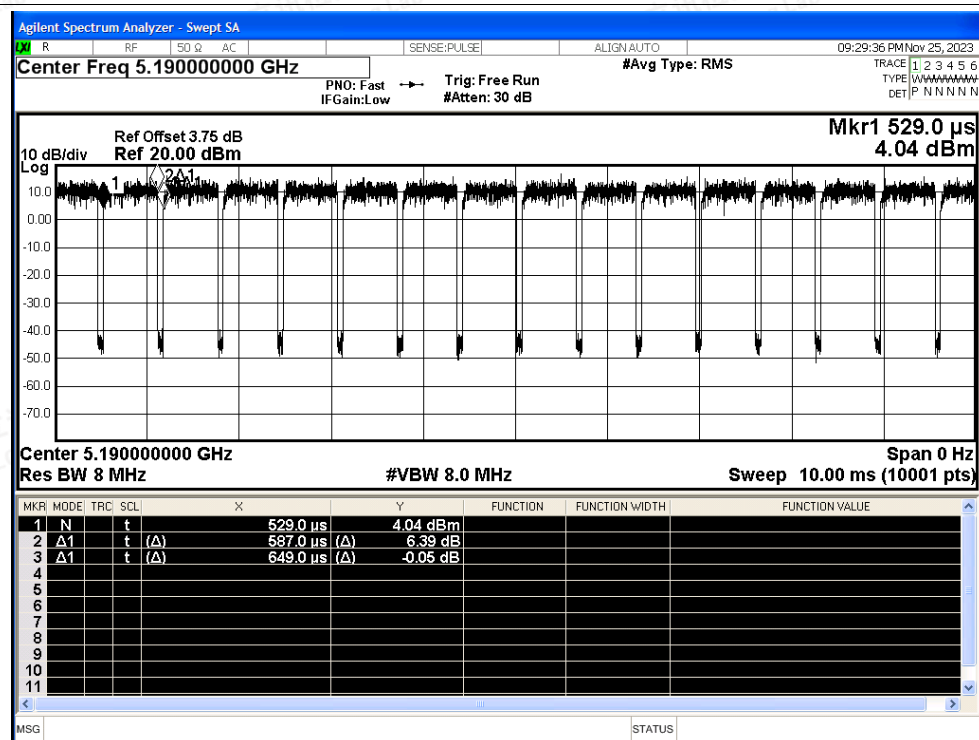




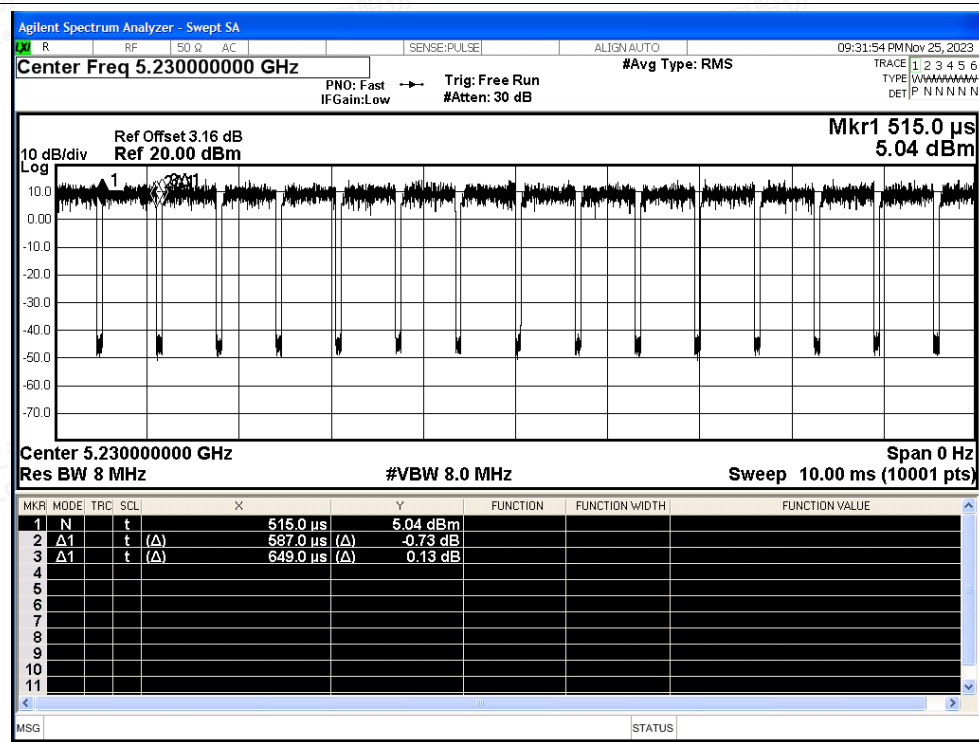




Duty Cycle NVNT n40 5190MHz Ant0

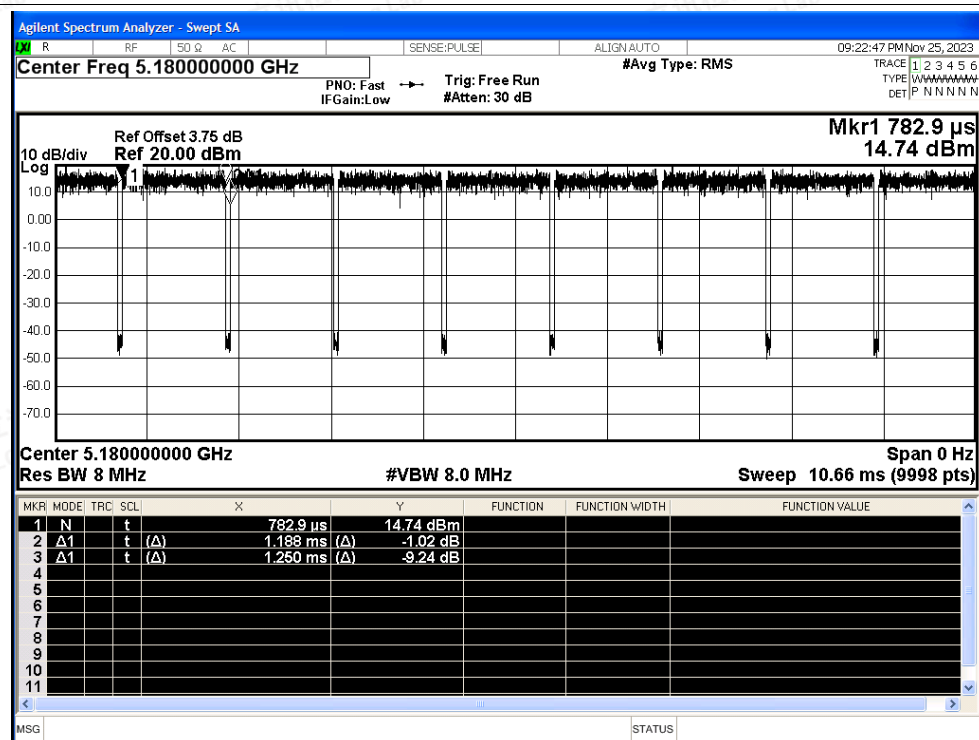


Duty Cycle NVNT n40 5230MHz Ant0

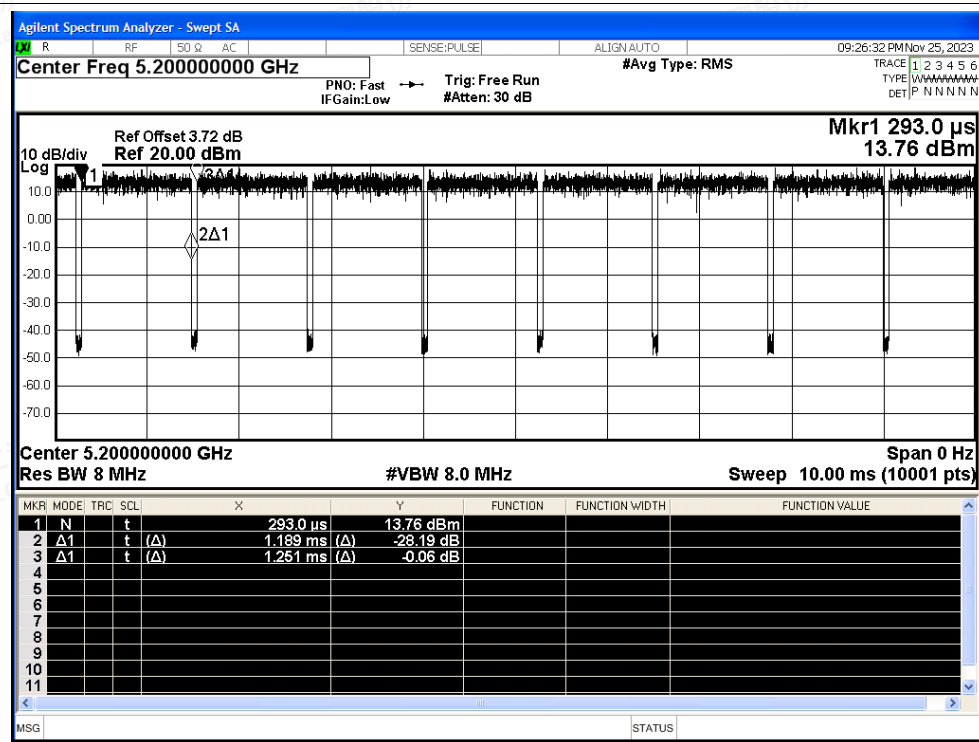




Duty Cycle NVNT ac20 5180MHz Ant0

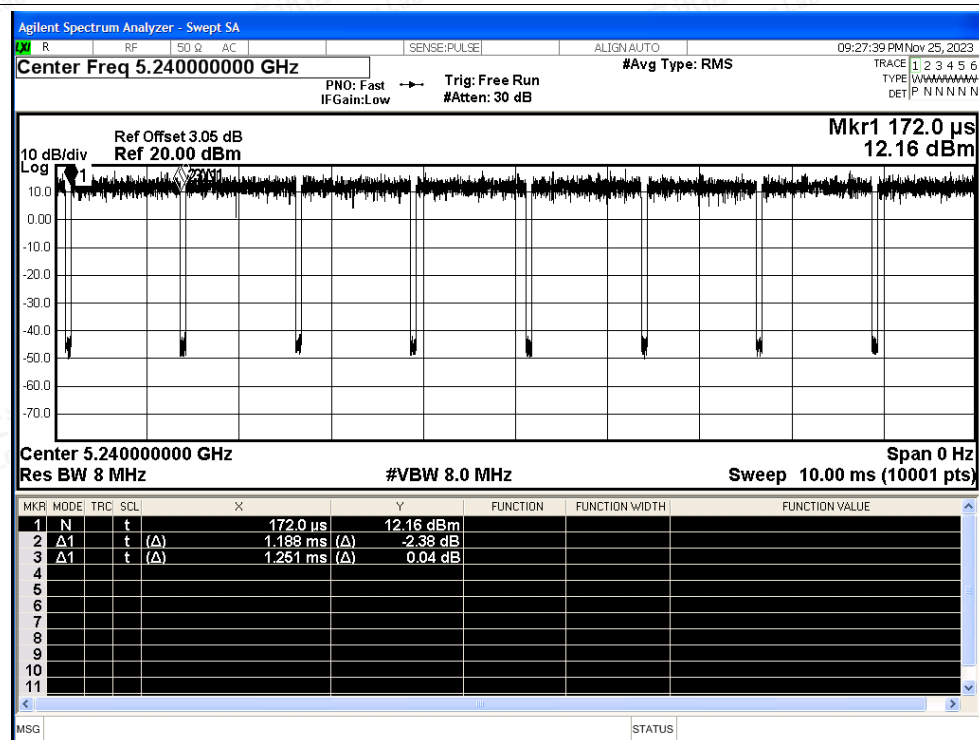


Duty Cycle NVNT ac20 5200MHz Ant0

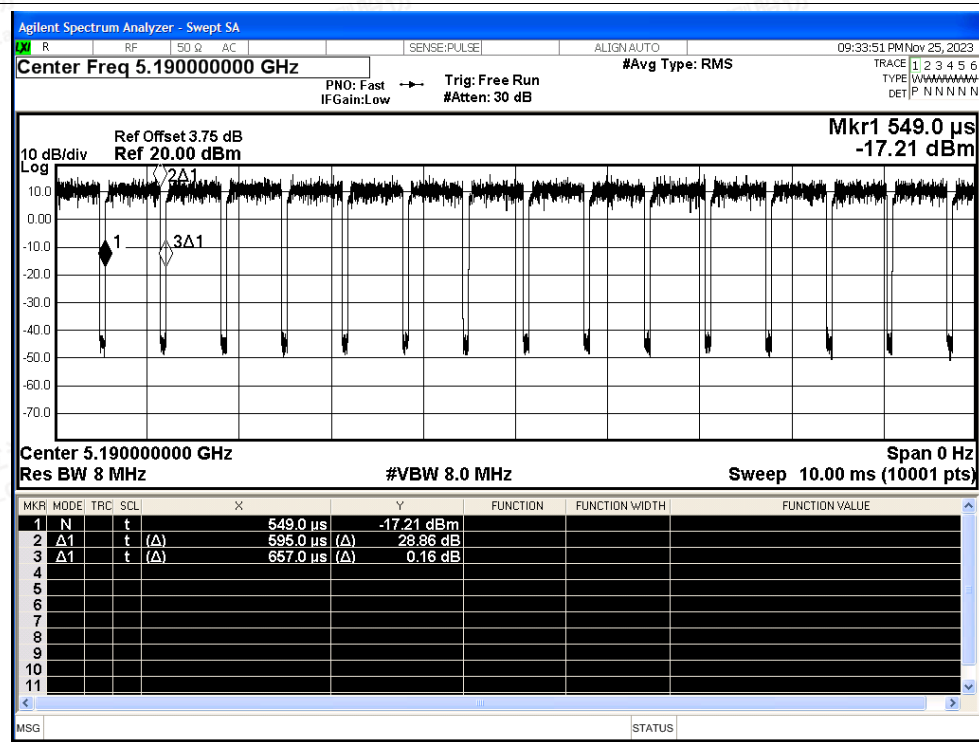




Duty Cycle NVNT ac20 5240MHz Ant0

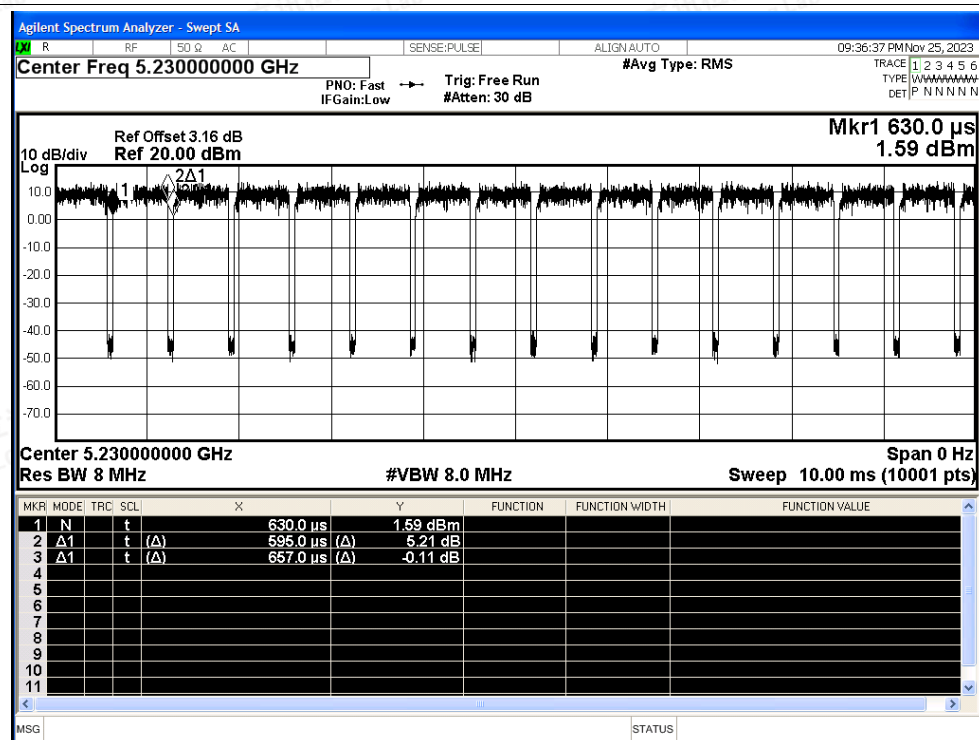


Duty Cycle NVNT ac40 5190MHz Ant0

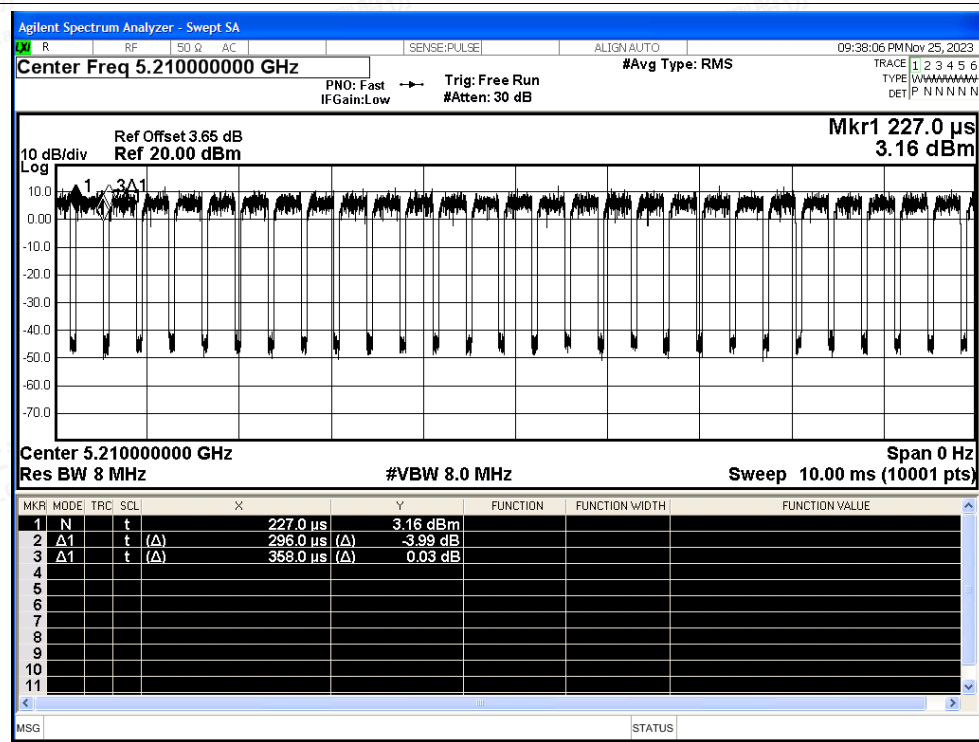




Duty Cycle NVNT ac40 5230MHz Ant0



Duty Cycle NVNT ac80 5210MHz Ant0





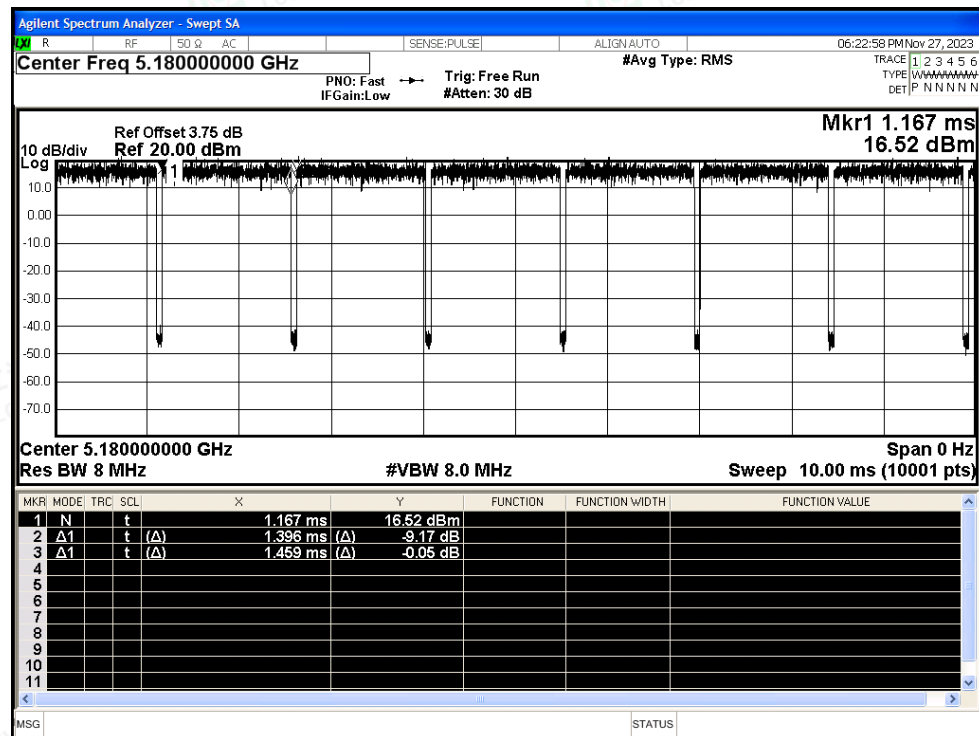
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	95.68	0.19	0.72
NVNT	a	5200	Ant1	95.68	0.19	0.72
NVNT	a	5240	Ant1	95.68	0.19	0.72
NVNT	n20	5180	Ant1	94.94	0.23	0.85
NVNT	n20	5200	Ant1	94.94	0.23	0.85
NVNT	n20	5240	Ant1	94.94	0.23	0.85
NVNT	n40	5190	Ant1	90.45	0.44	1.7
NVNT	n40	5230	Ant1	90.45	0.44	1.7
NVNT	ac20	5180	Ant1	94.97	0.22	0.84
NVNT	ac20	5200	Ant1	95.04	0.22	0.84
NVNT	ac20	5240	Ant1	94.96	0.22	0.84
NVNT	ac40	5190	Ant1	90.56	0.43	1.68
NVNT	ac40	5230	Ant1	90.56	0.43	1.68
NVNT	ac80	5210	Ant1	82.68	0.83	3.38



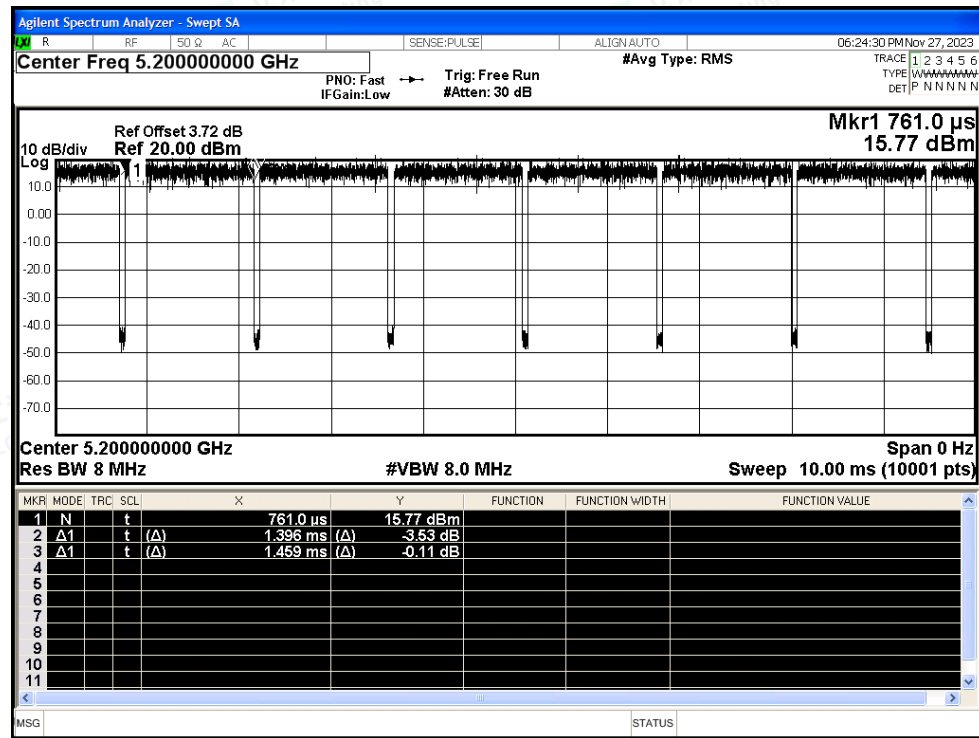


Test Graphs

Duty Cycle NVNT a 5180MHz Ant1



Duty Cycle NVNT a 5200MHz Ant1



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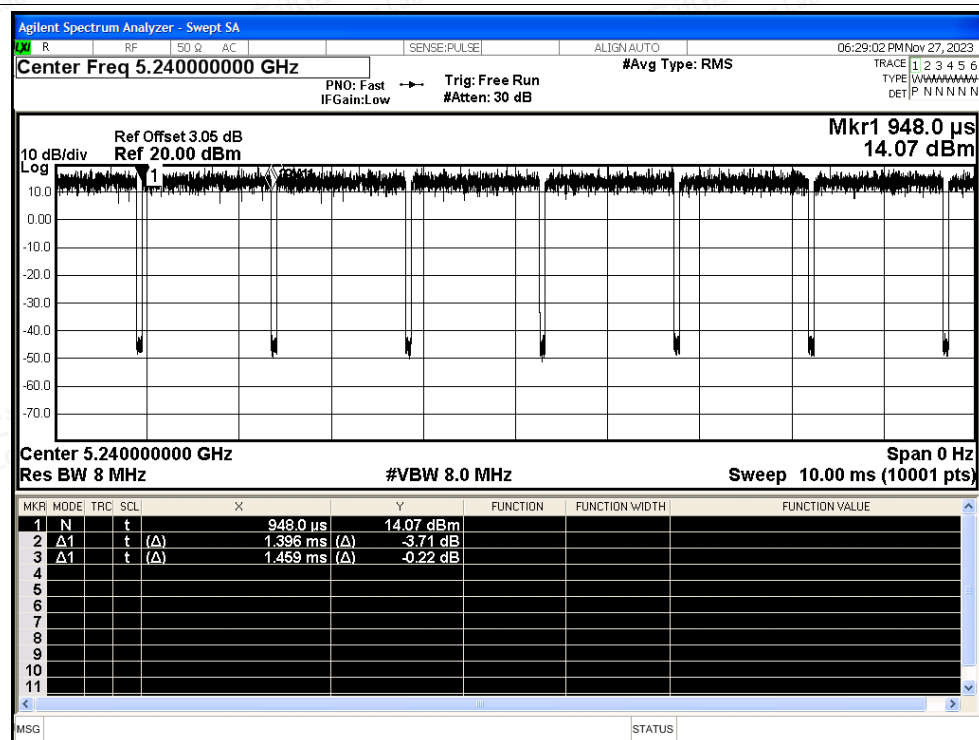
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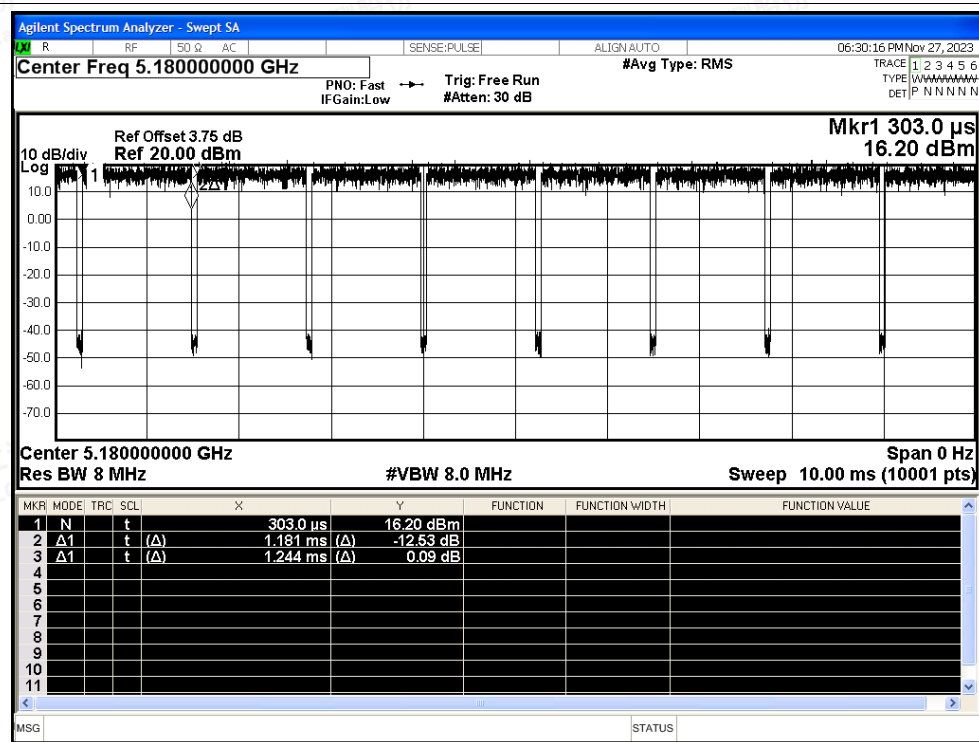
Scan code to check authenticity



Duty Cycle NVNT a 5240MHz Ant1



Duty Cycle NVNT n20 5180MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

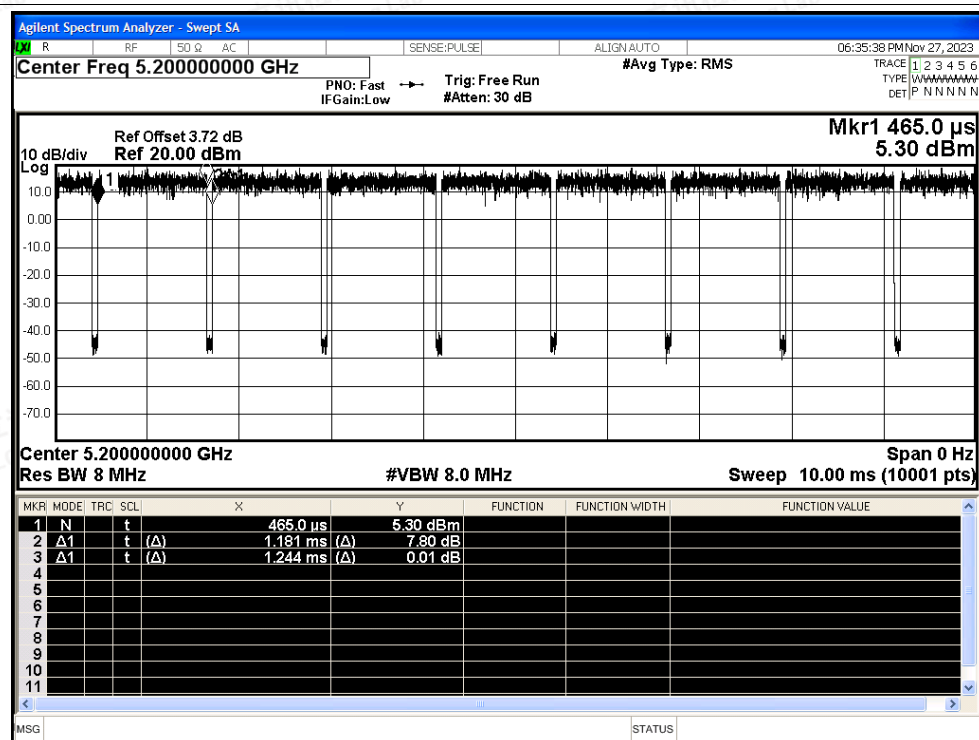
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

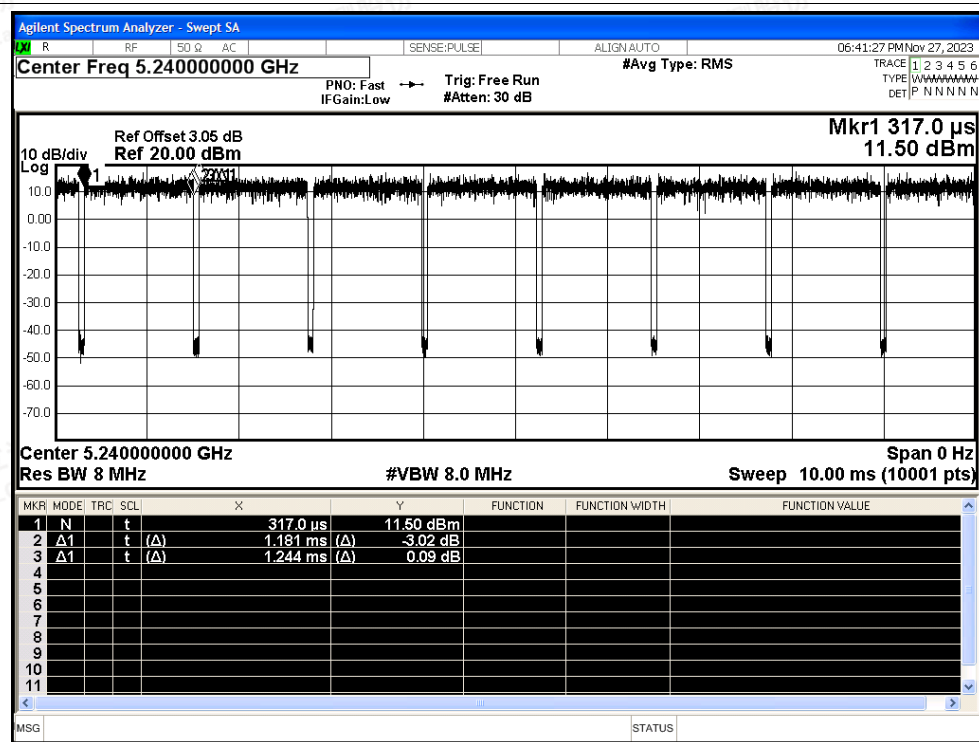
Scan code to check authenticity



Duty Cycle NVNT n20 5200MHz Ant1

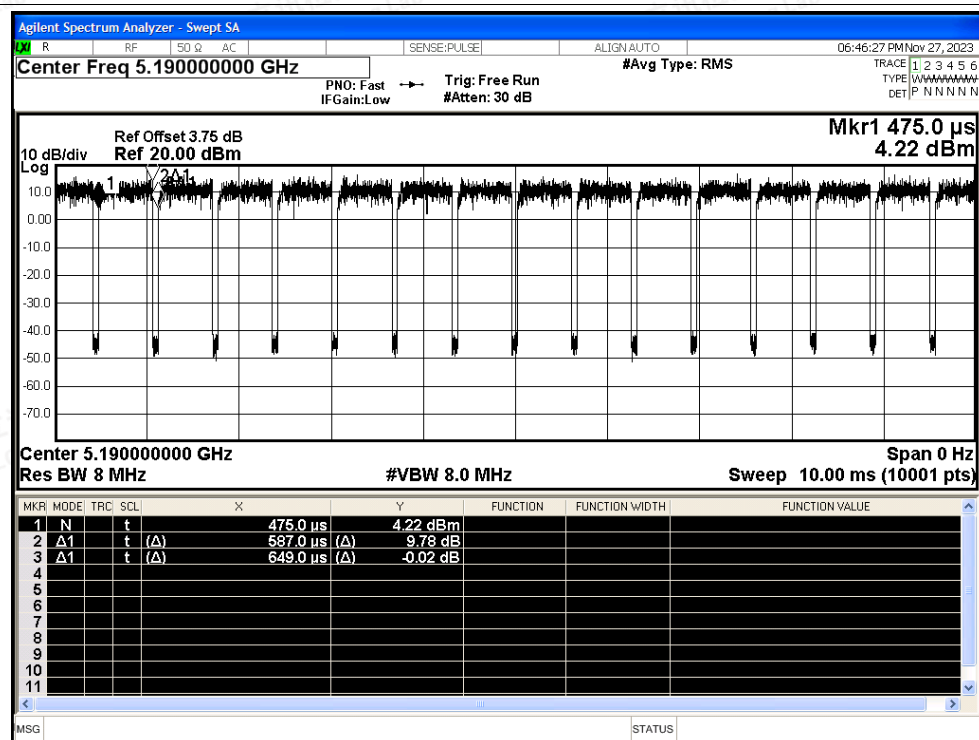


Duty Cycle NVNT n20 5240MHz Ant1

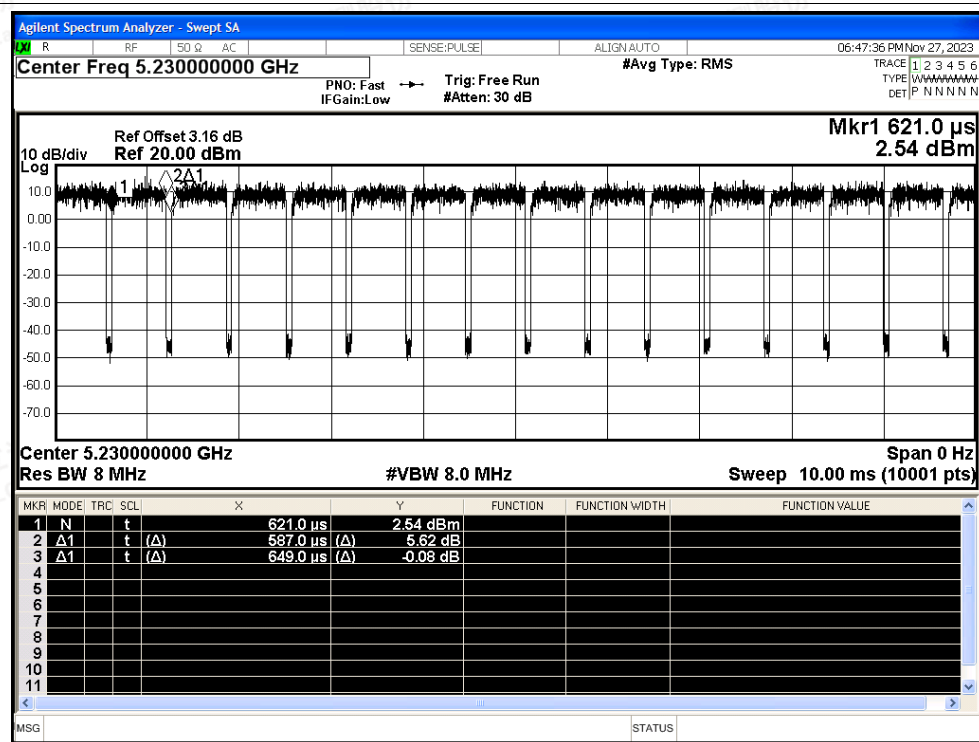




Duty Cycle NVNT n40 5190MHz Ant1

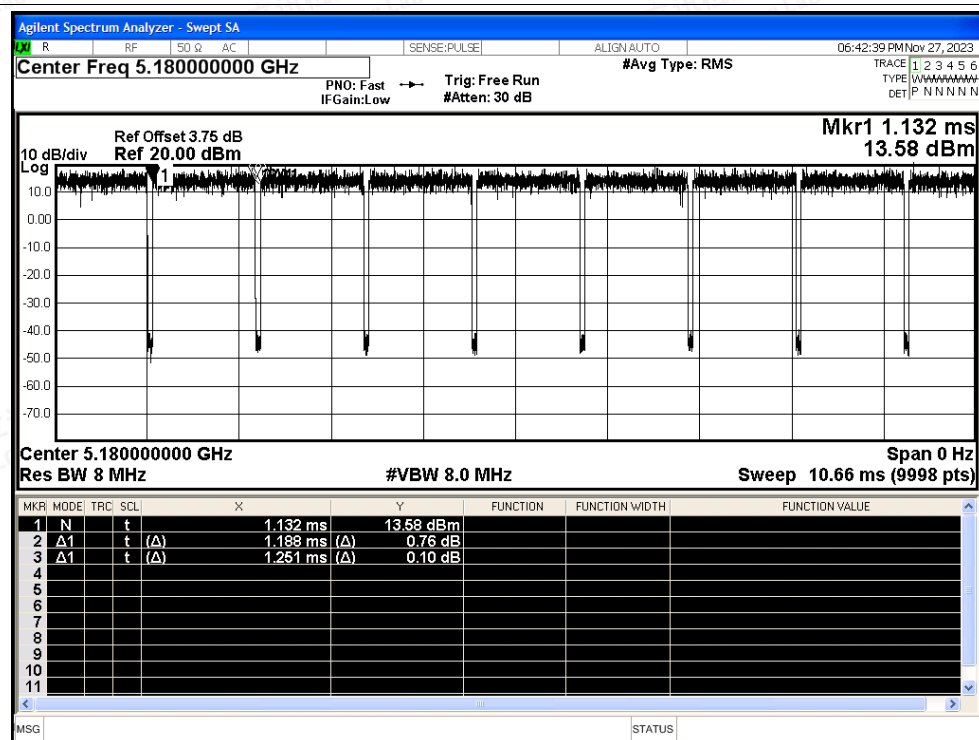


Duty Cycle NVNT n40 5230MHz Ant1

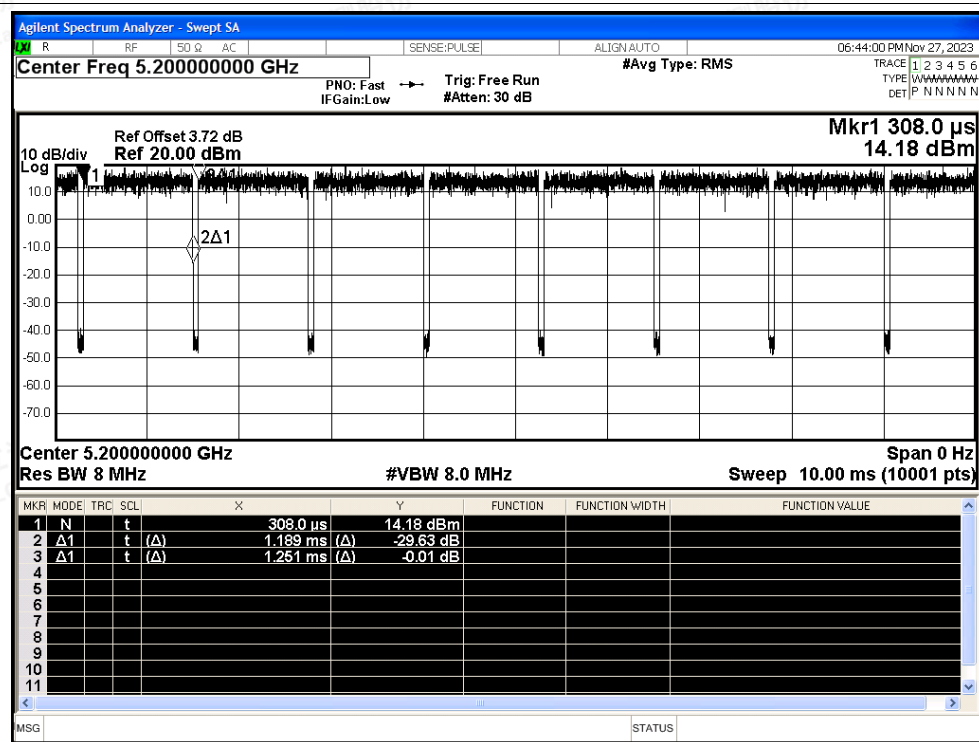




Duty Cycle NVNT ac20 5180MHz Ant1



Duty Cycle NVNT ac20 5200MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

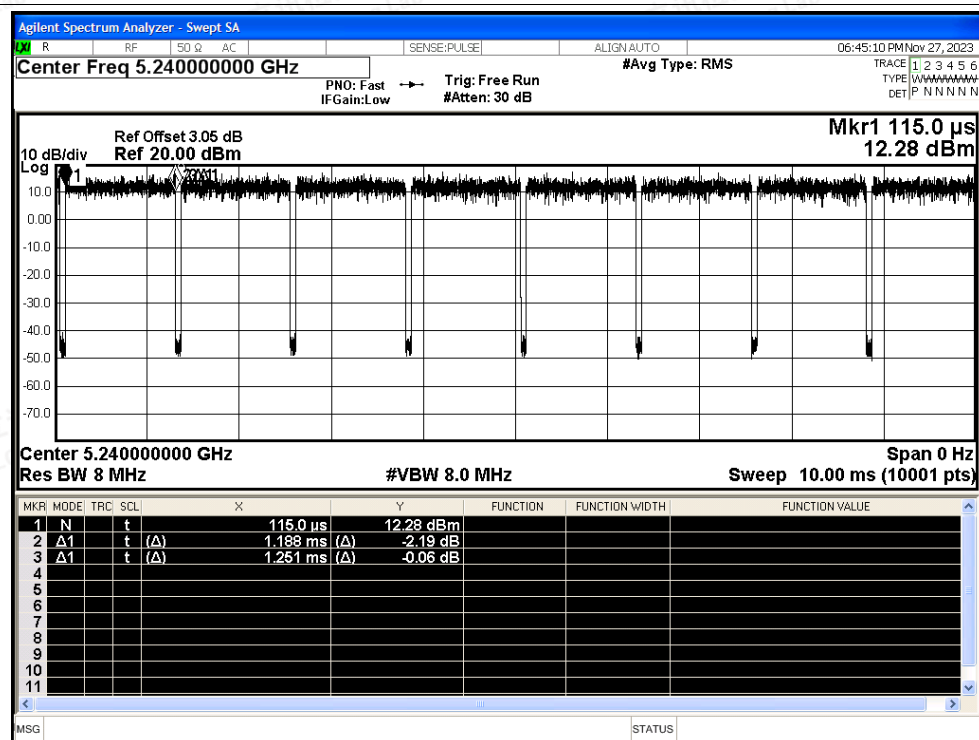
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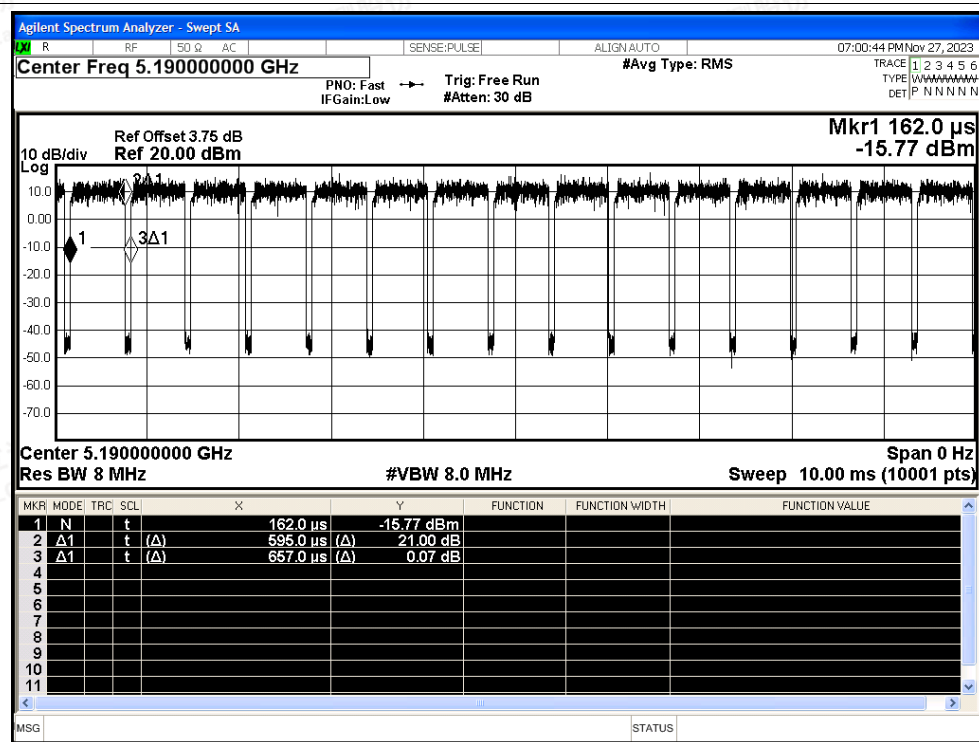
Scan code to check authenticity



Duty Cycle NVNT ac20 5240MHz Ant1



Duty Cycle NVNT ac40 5190MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

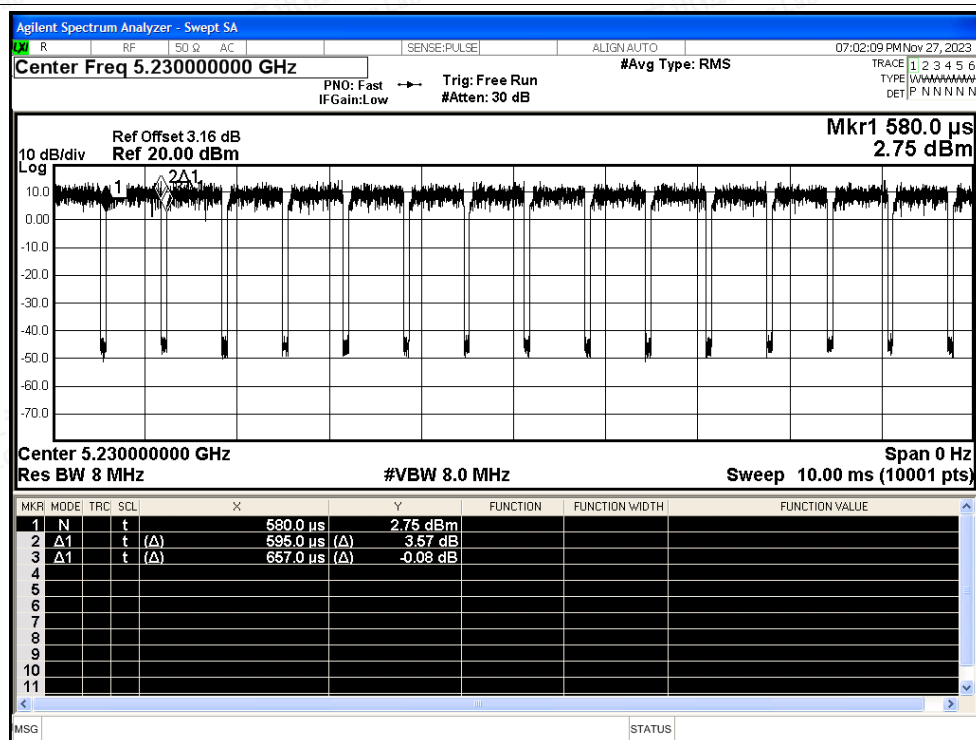
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Duty Cycle NVNT ac40 5230MHz Ant1



Duty Cycle NVNT ac80 5210MHz Ant1

