



Appendix D

RF Test Data for 5.2GWIFI (Conducted Measurement)

Product Name: 10.1 inch Tablet with Windows OS

Test Model: SC-5032WKB

Environmental Conditions

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



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D.1 -26dB Bandwidth

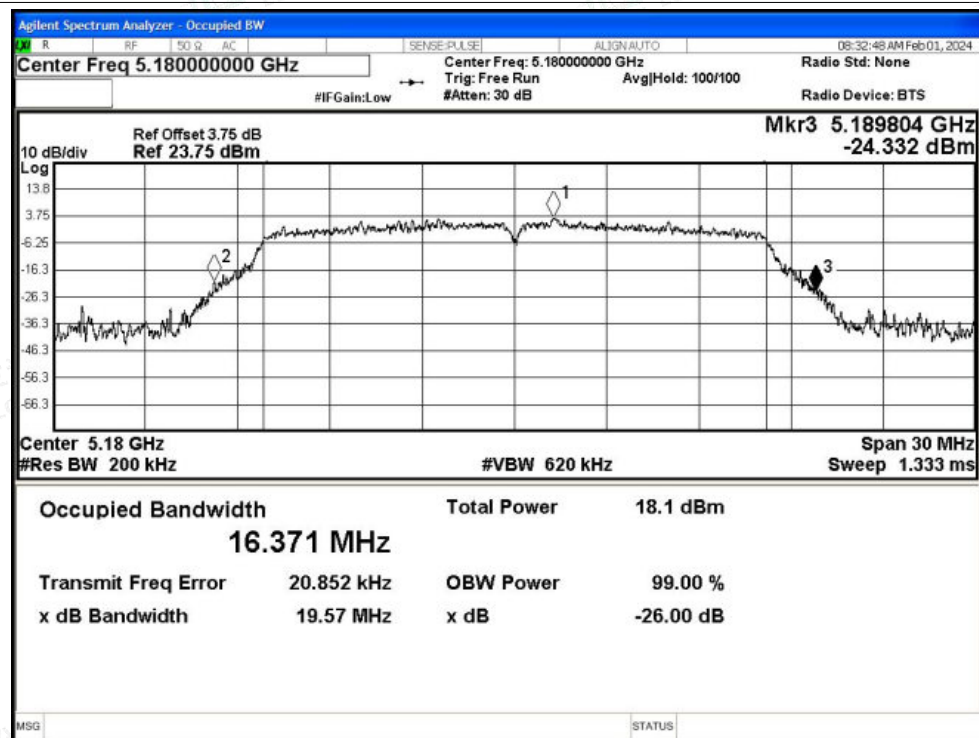
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.567	--	Pass
NVNT	a	5200	Ant1	19.617	--	Pass
NVNT	a	5240	Ant1	19.703	--	Pass
NVNT	n20	5180	Ant1	19.981	--	Pass
NVNT	n20	5200	Ant1	19.963	--	Pass
NVNT	n20	5240	Ant1	22.389	--	Pass
NVNT	n40	5190	Ant1	40.151	--	Pass
NVNT	n40	5230	Ant1	39.724	--	Pass
NVNT	ac20	5180	Ant1	20.081	--	Pass
NVNT	ac20	5200	Ant1	20.044	--	Pass
NVNT	ac20	5240	Ant1	20.023	--	Pass
NVNT	ac40	5190	Ant1	40.308	--	Pass
NVNT	ac40	5230	Ant1	40.193	--	Pass
NVNT	ac80	5210	Ant1	80.275	--	Pass



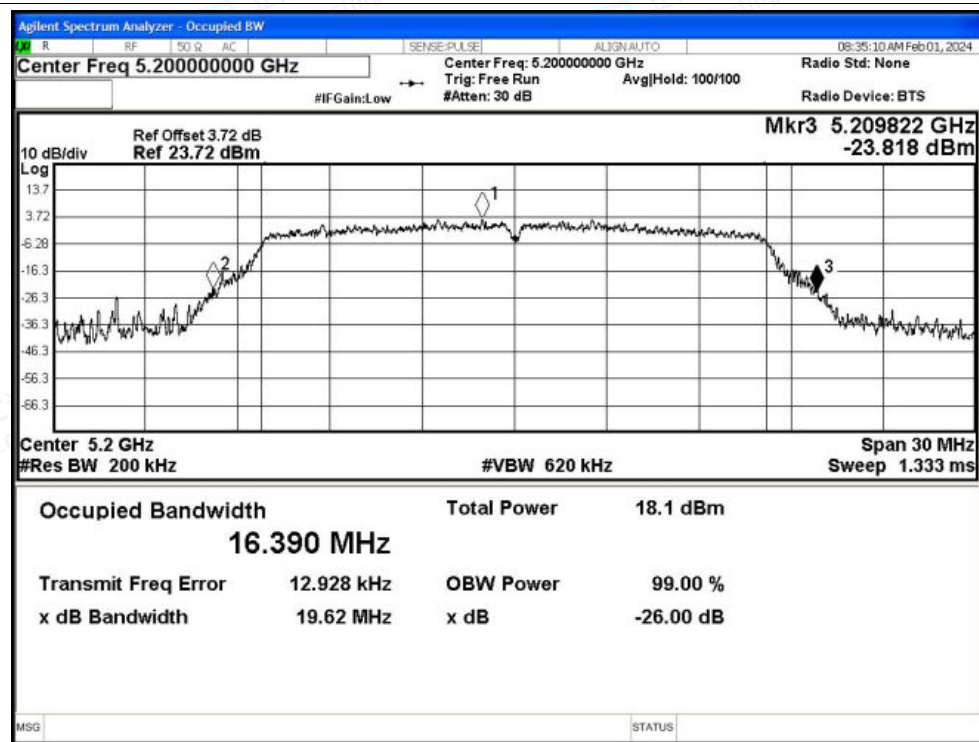


Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1



-26dB Bandwidth NVNT a 5200MHz Ant1



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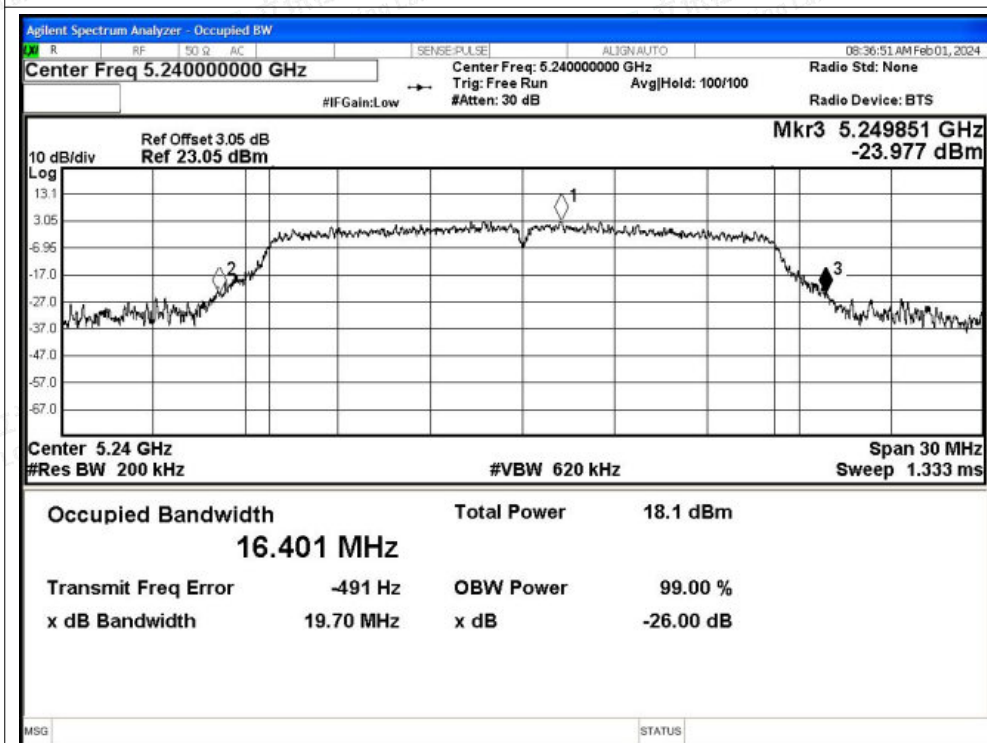
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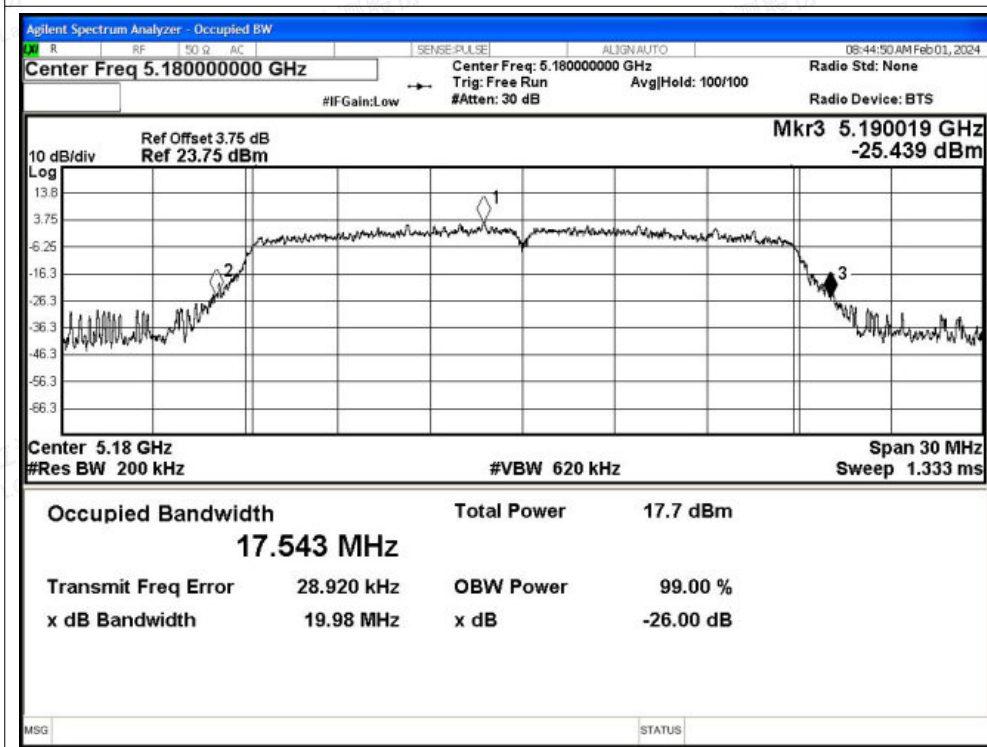
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-26dB Bandwidth NVNT a 5240MHz Ant1



-26dB Bandwidth NVNT n20 5180MHz Ant1



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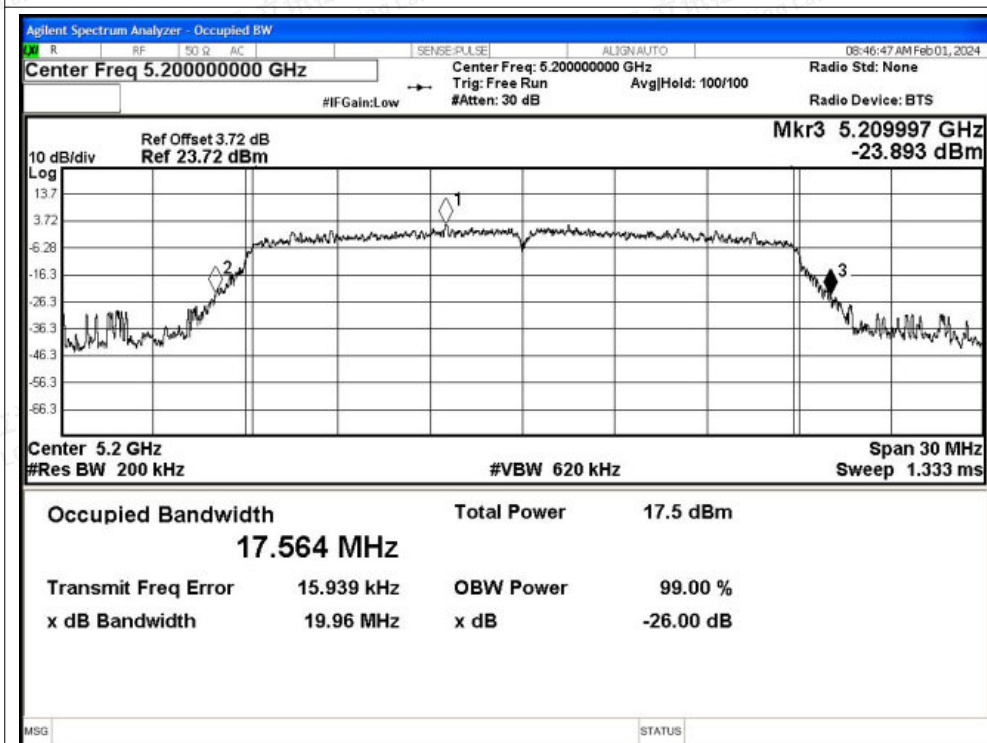
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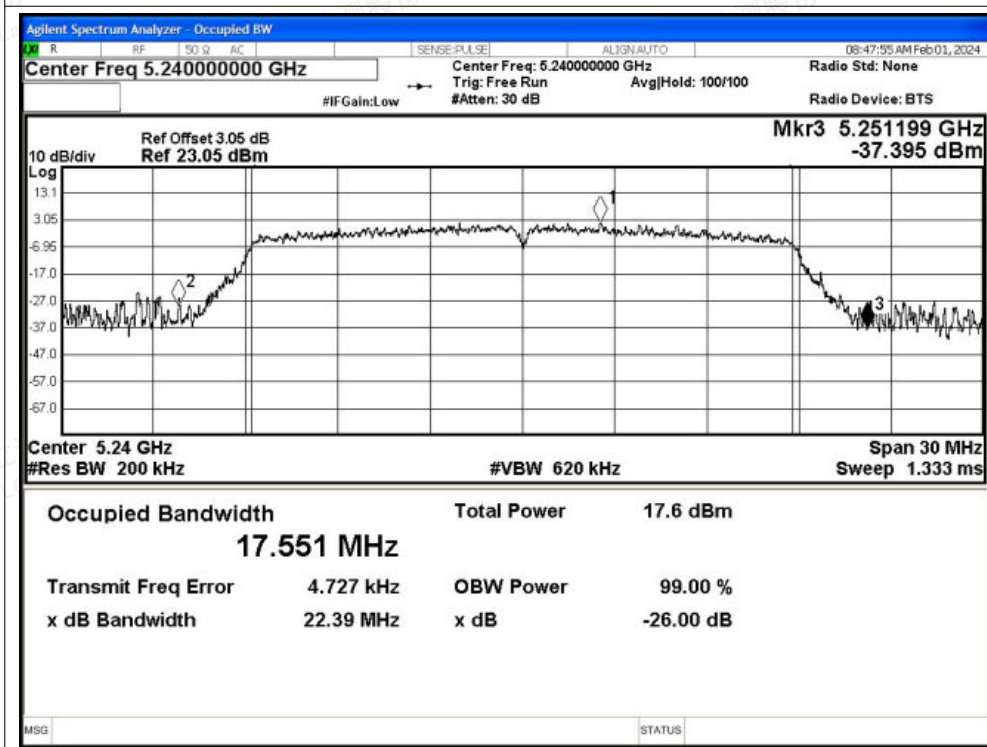
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-26dB Bandwidth NVNT n20 5200MHz Ant1



-26dB Bandwidth NVNT n20 5240MHz Ant1



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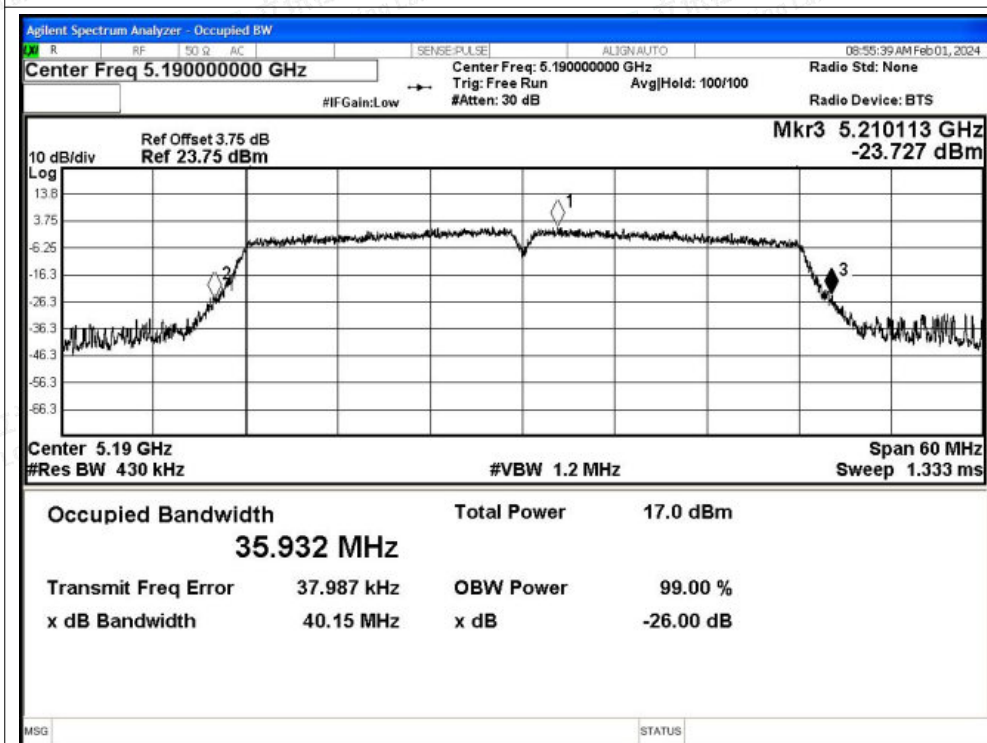
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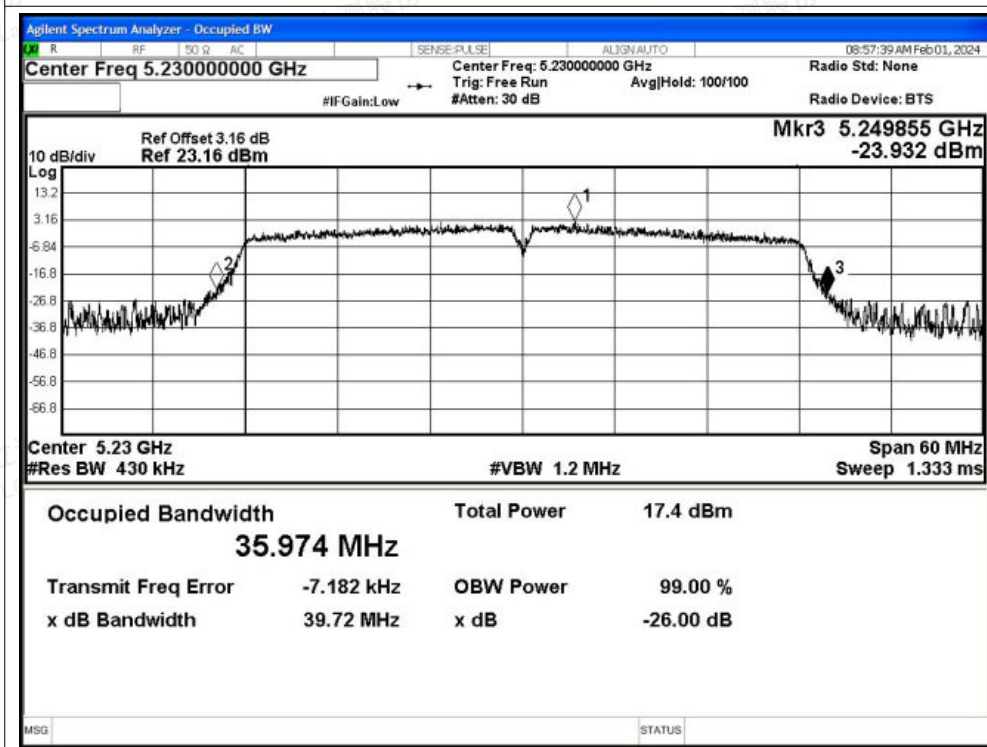
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-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1



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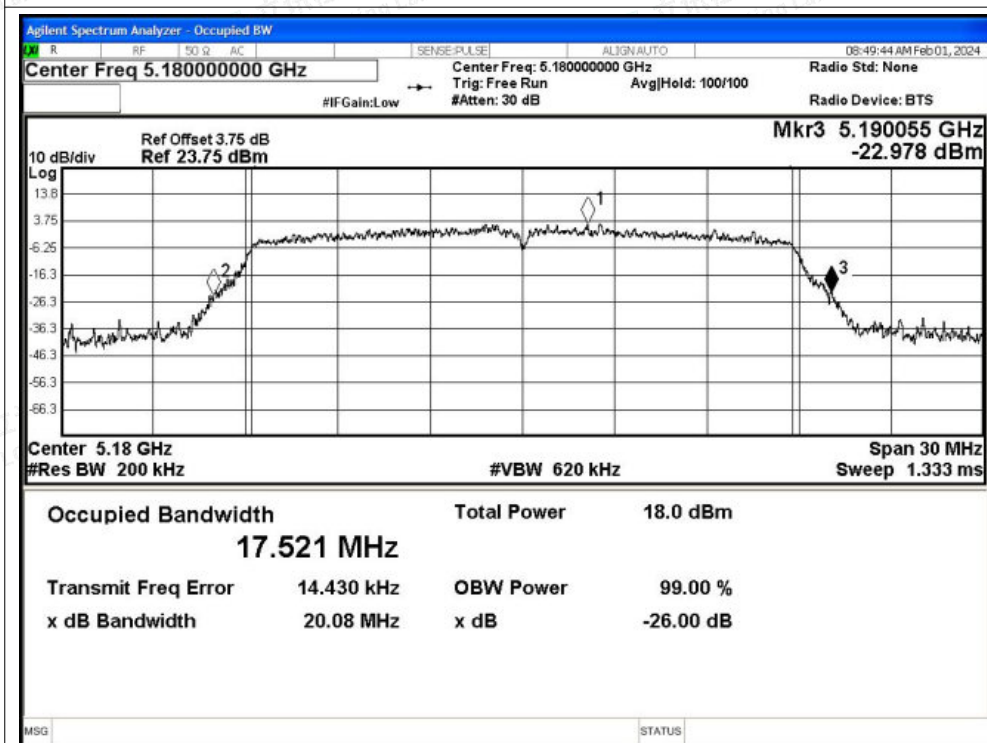
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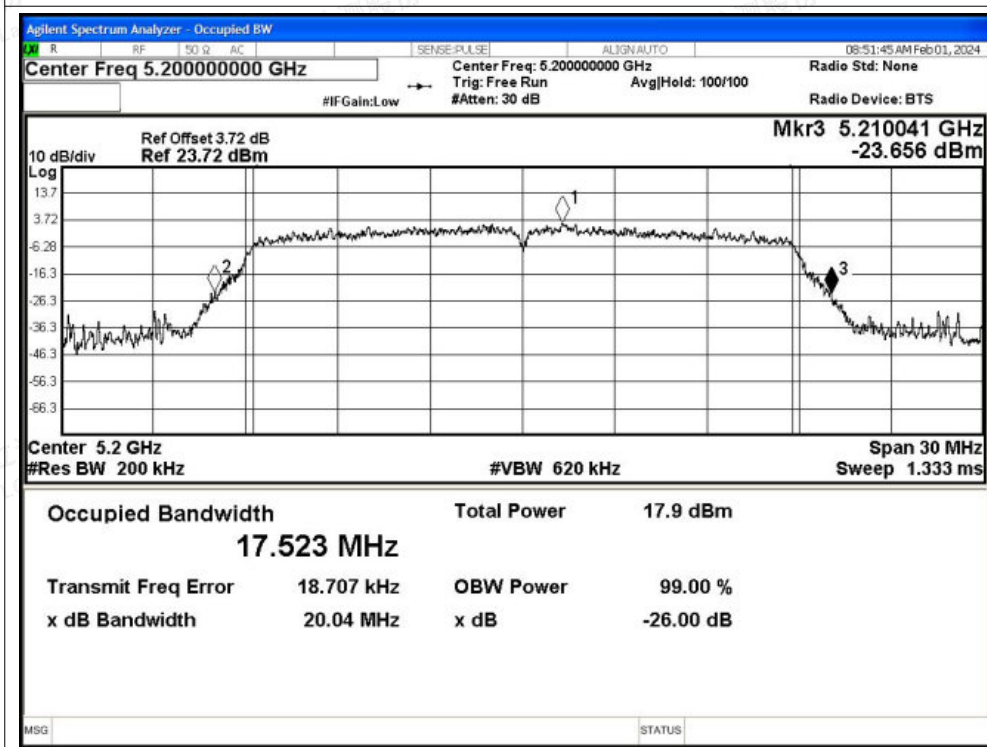
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-26dB Bandwidth NVNT ac20 5180MHz Ant1



-26dB Bandwidth NVNT ac20 5200MHz Ant1



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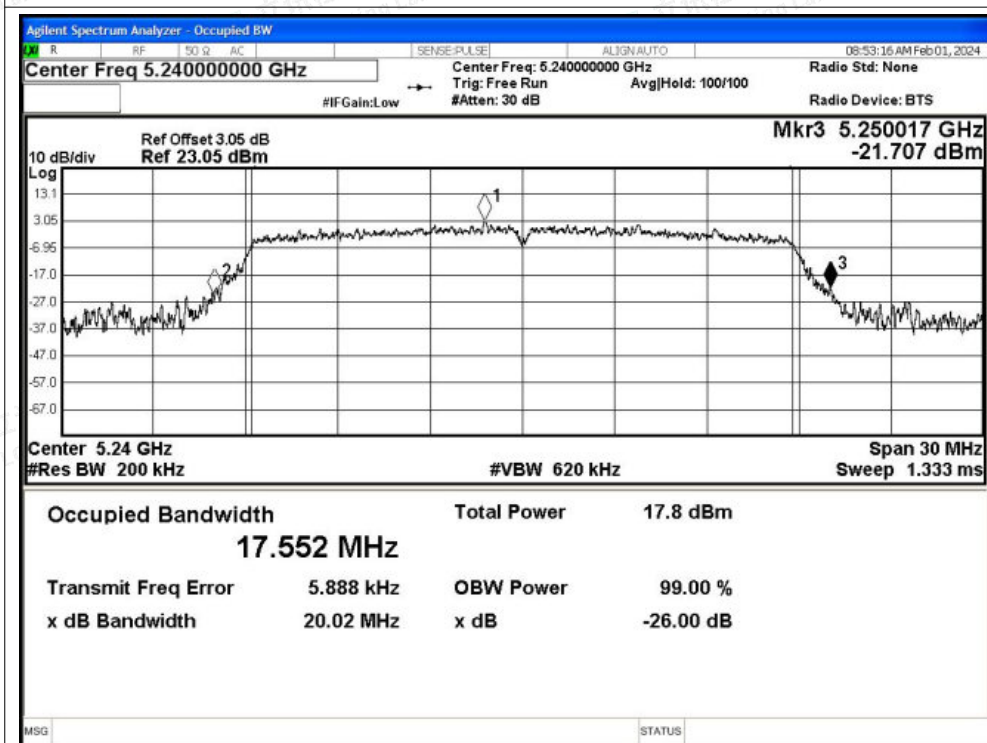
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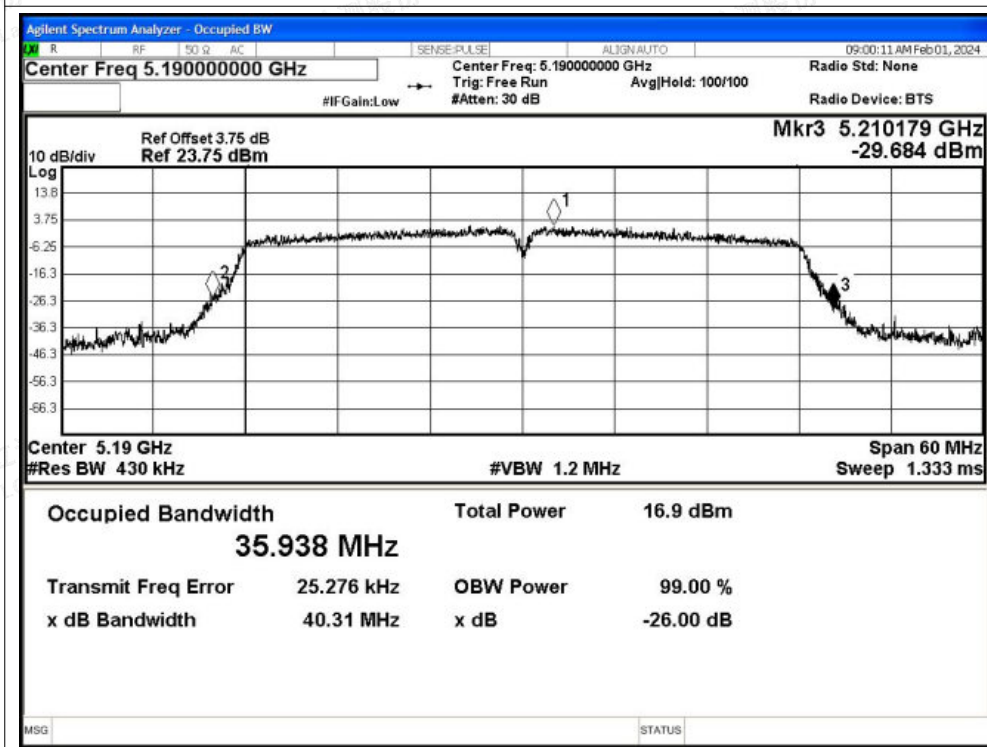
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-26dB Bandwidth NVNT ac20 5240MHz Ant1



-26dB Bandwidth NVNT ac40 5190MHz Ant1



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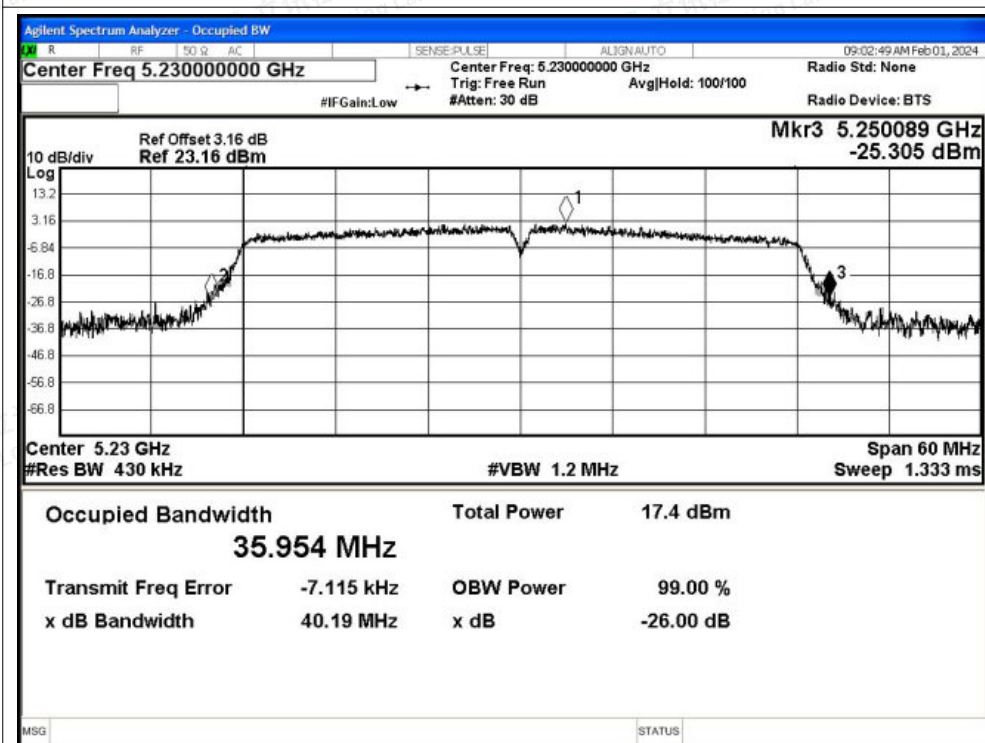
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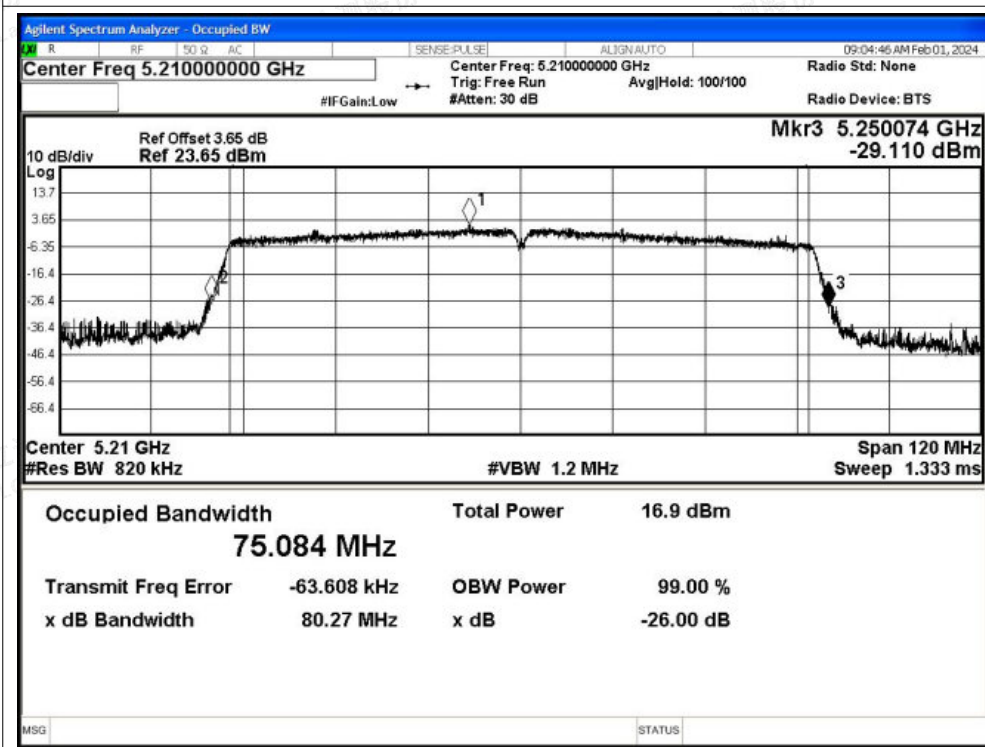
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-26dB Bandwidth NVNT ac40 5230MHz Ant1



-26dB Bandwidth NVNT ac80 5210MHz Ant1



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Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant2	19.493	--	Pass
NVNT	a	5200	Ant2	19.692	--	Pass
NVNT	a	5240	Ant2	19.542	--	Pass
NVNT	n20	5180	Ant2	19.733	--	Pass
NVNT	n20	5200	Ant2	20.066	--	Pass
NVNT	n20	5240	Ant2	20.234	--	Pass
NVNT	n40	5190	Ant2	39.912	--	Pass
NVNT	n40	5230	Ant2	40.153	--	Pass
NVNT	ac20	5180	Ant2	19.941	--	Pass
NVNT	ac20	5200	Ant2	19.913	--	Pass
NVNT	ac20	5240	Ant2	19.779	--	Pass
NVNT	ac40	5190	Ant2	40.065	--	Pass
NVNT	ac40	5230	Ant2	40.525	--	Pass
NVNT	ac80	5210	Ant2	80.011	--	Pass



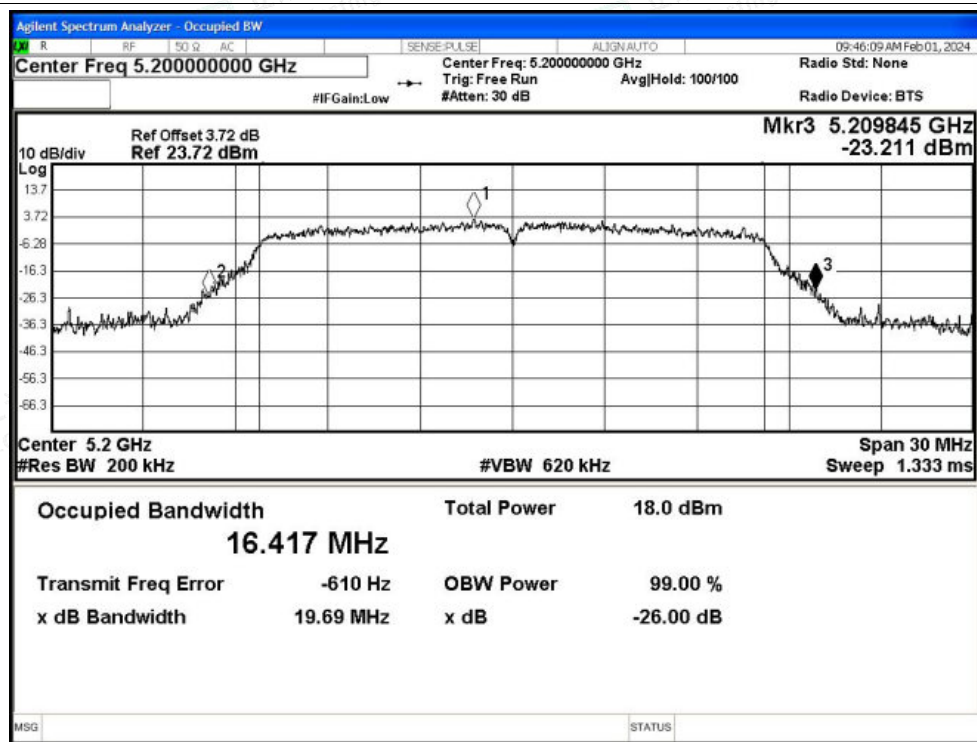


Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant2



-26dB Bandwidth NVNT a 5200MHz Ant2



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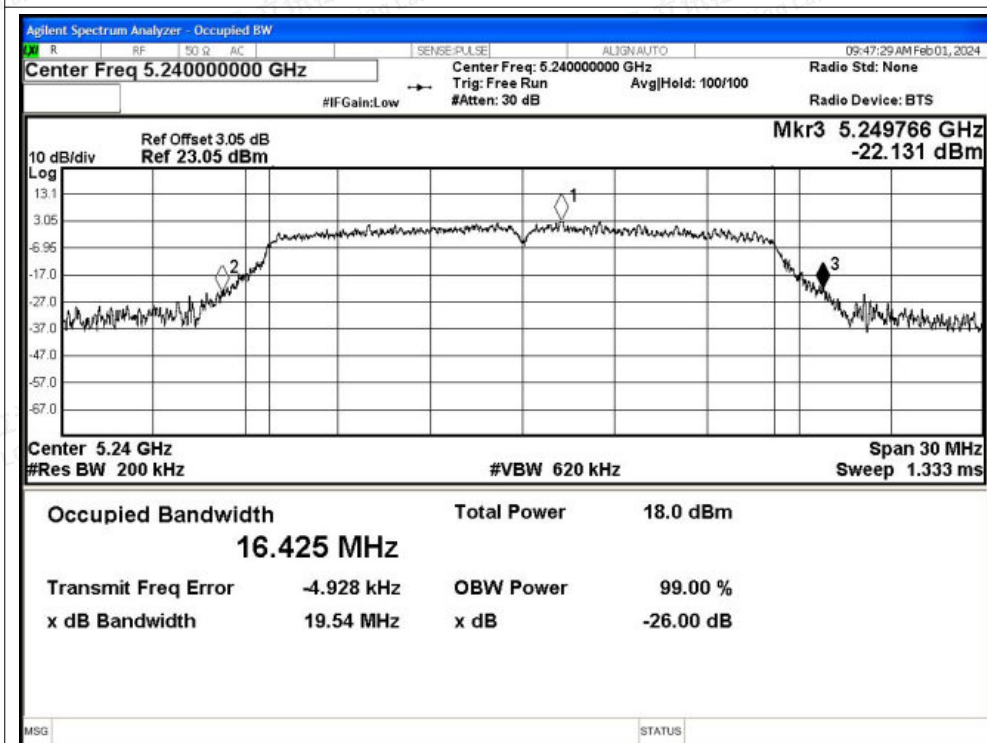
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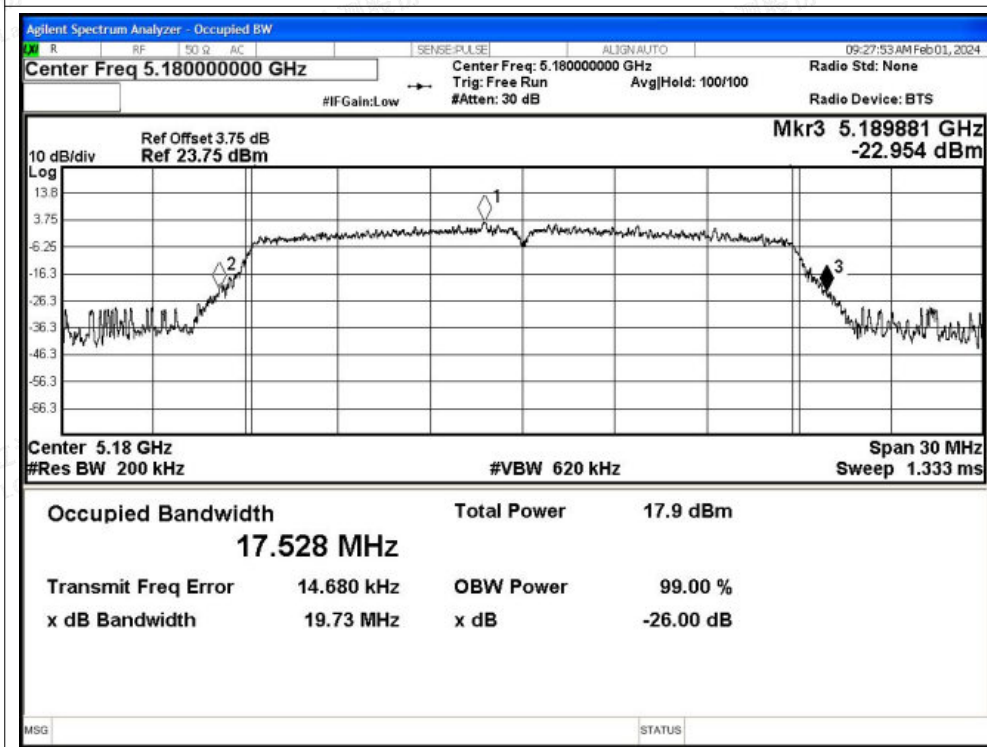
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-26dB Bandwidth NVNT a 5240MHz Ant2



-26dB Bandwidth NVNT n20 5180MHz Ant2



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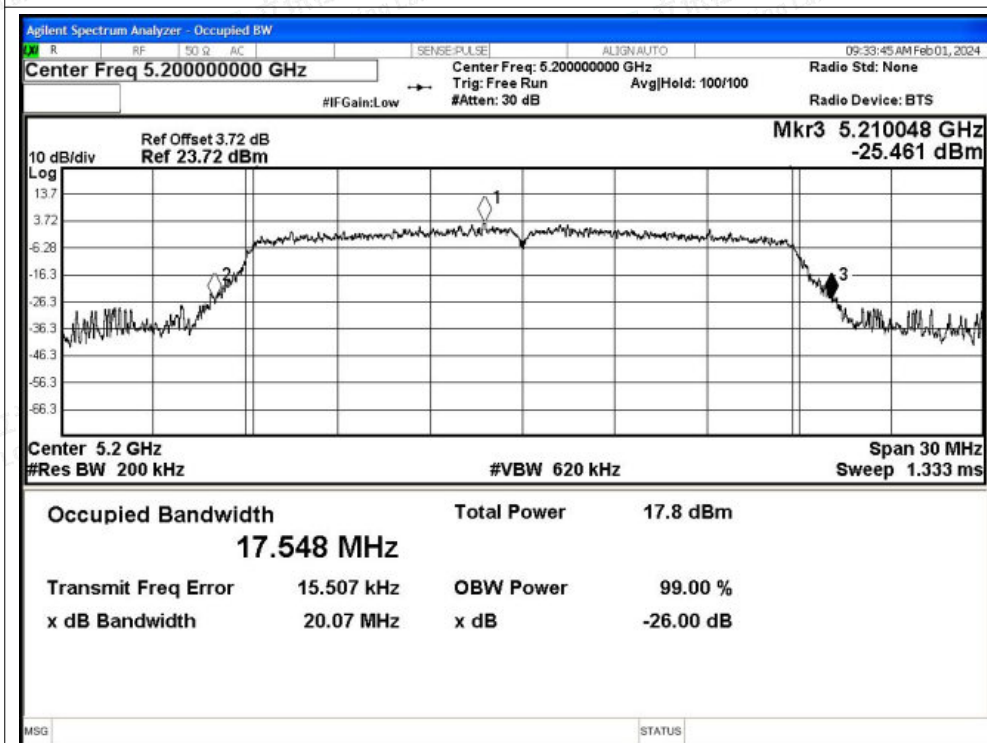
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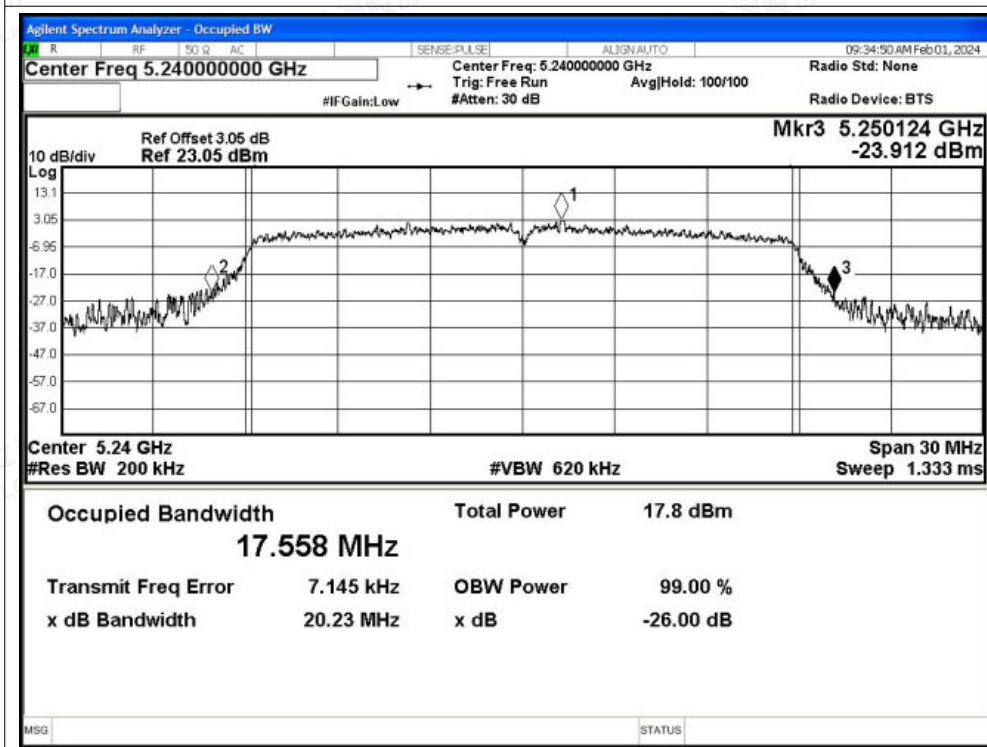
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-26dB Bandwidth NVNT n20 5200MHz Ant2



-26dB Bandwidth NVNT n20 5240MHz Ant2



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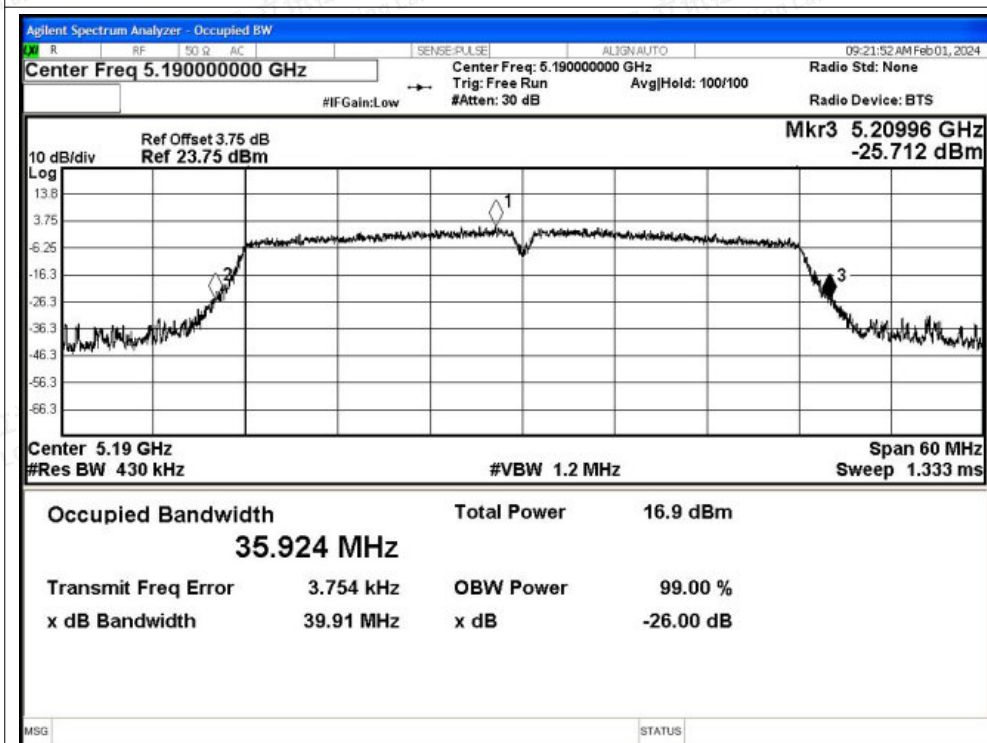
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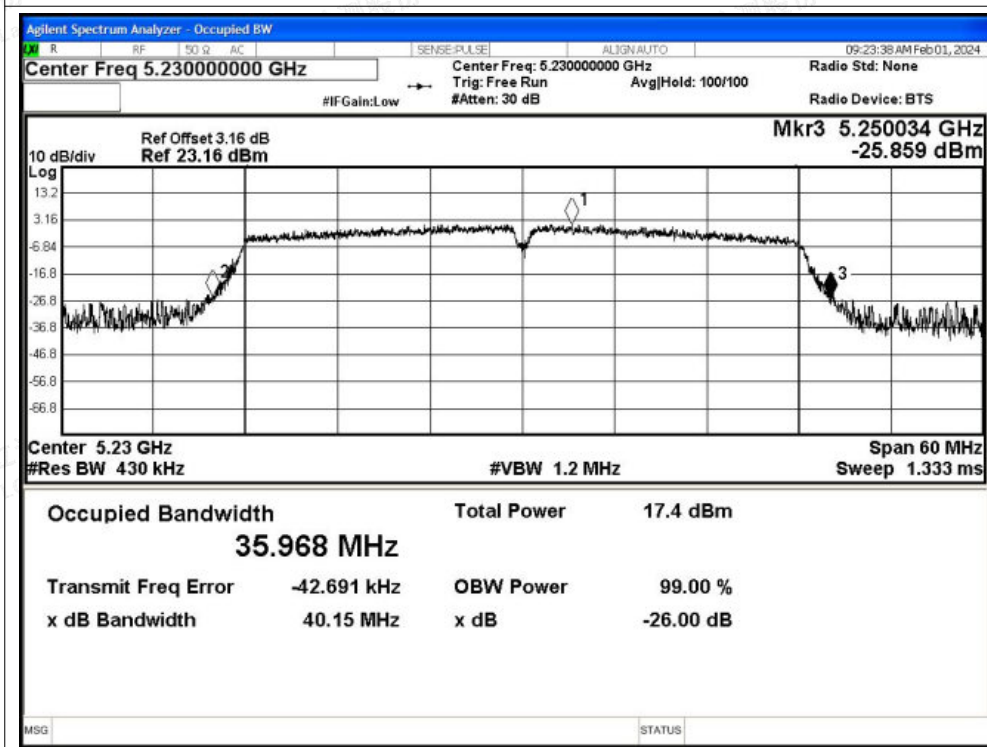
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-26dB Bandwidth NVNT n40 5190MHz Ant2



-26dB Bandwidth NVNT n40 5230MHz Ant2



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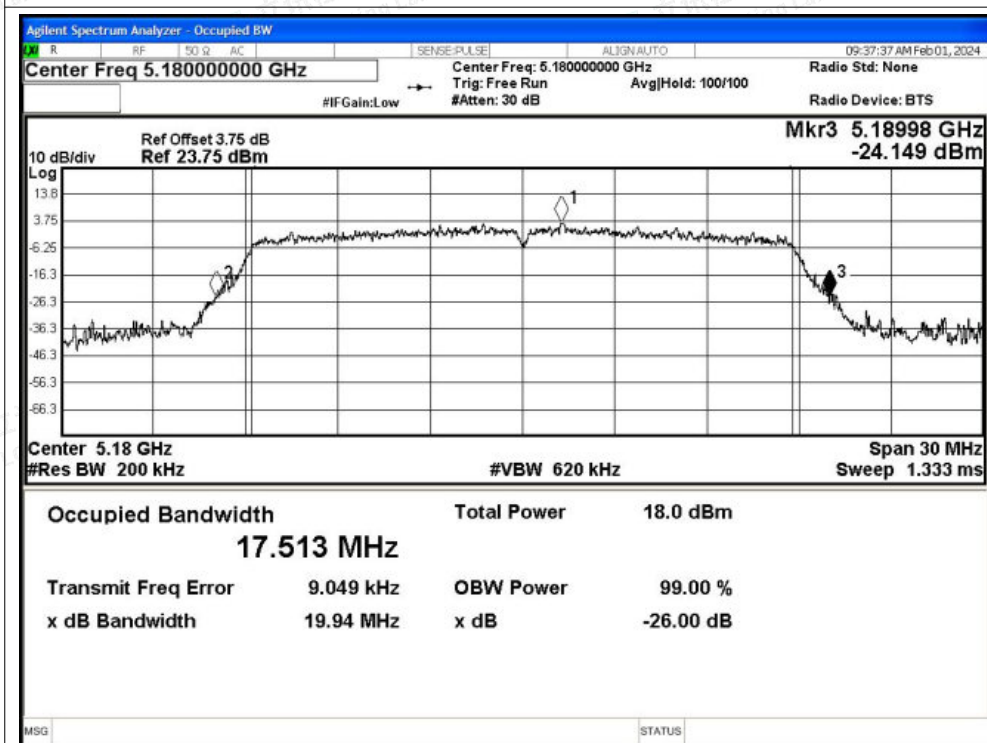
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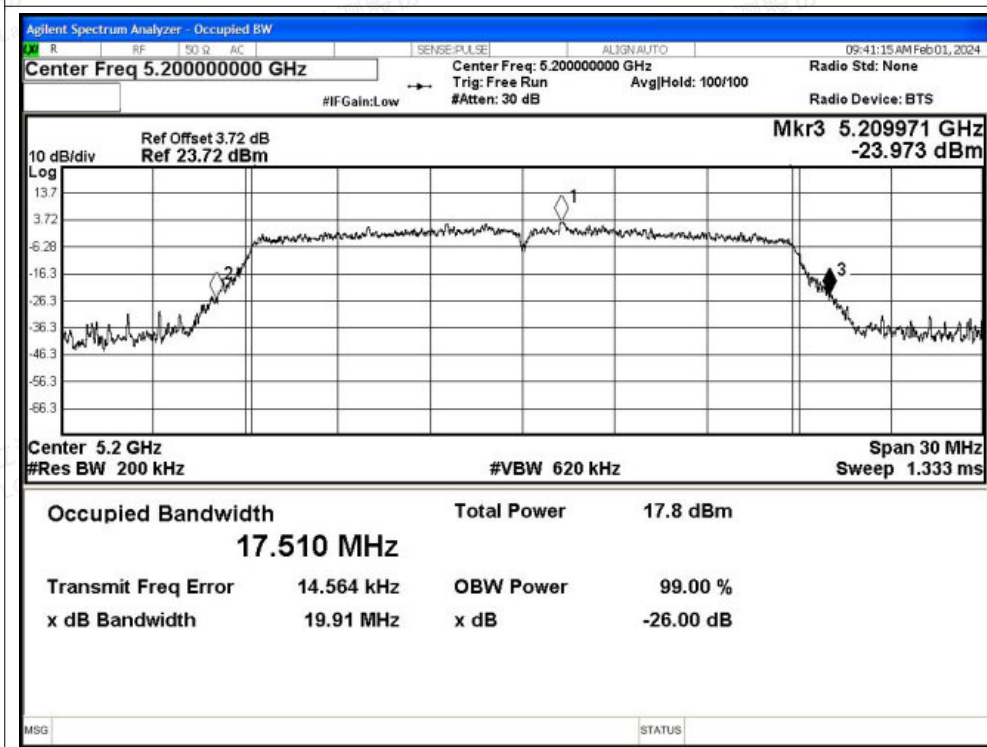
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-26dB Bandwidth NVNT ac20 5180MHz Ant2



-26dB Bandwidth NVNT ac20 5200MHz Ant2



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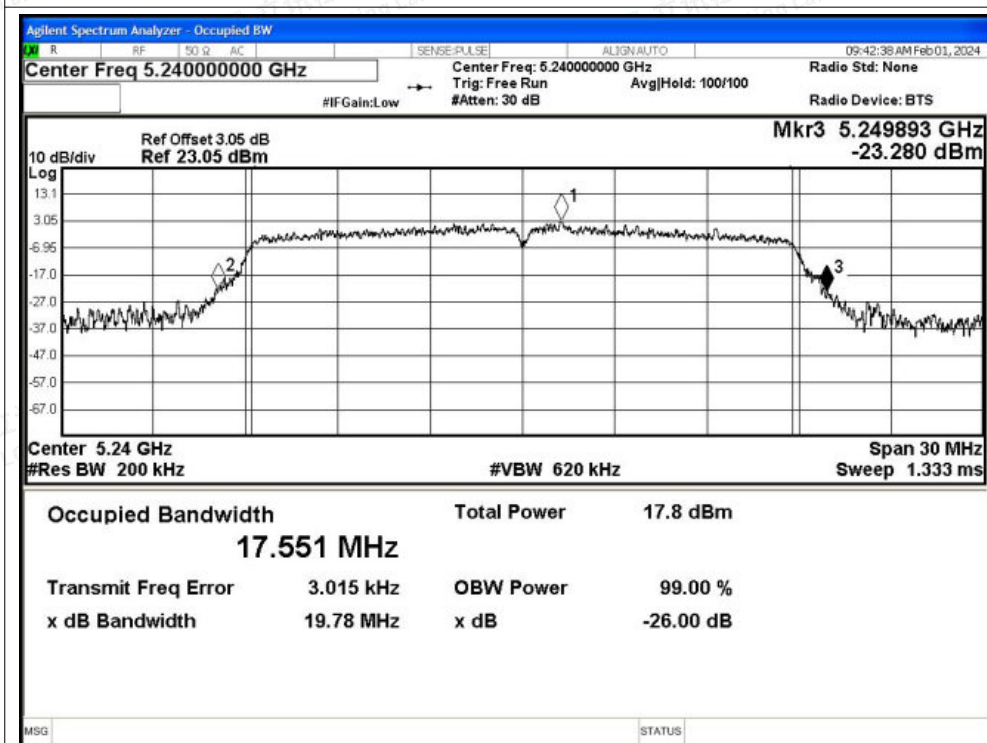
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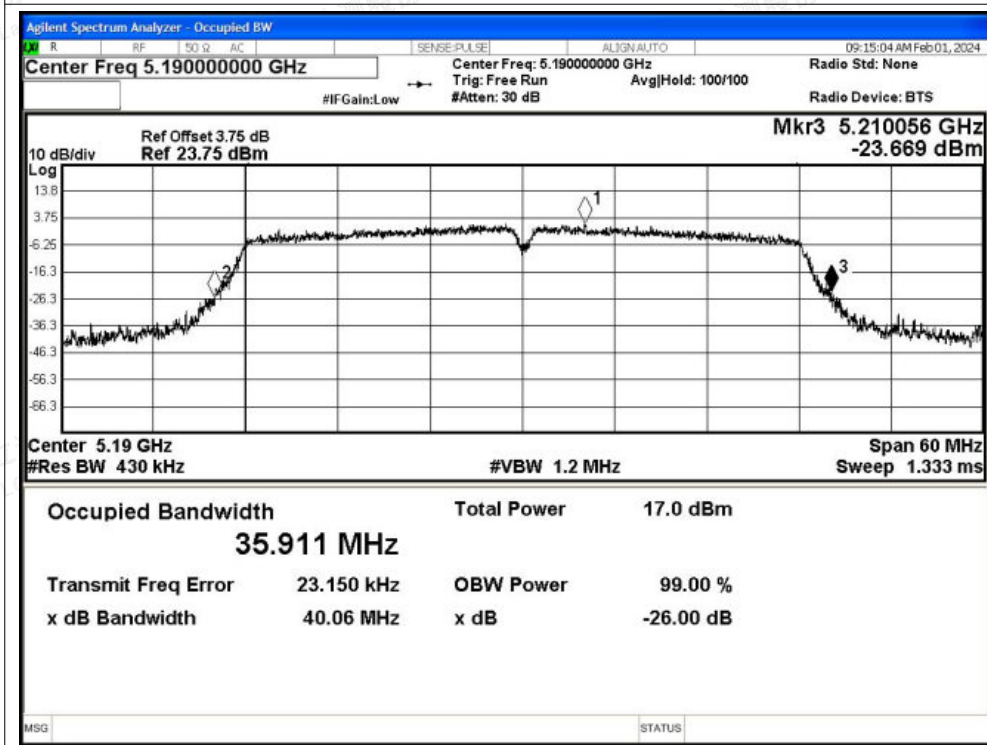
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-26dB Bandwidth NVNT ac20 5240MHz Ant2



-26dB Bandwidth NVNT ac40 5190MHz Ant2



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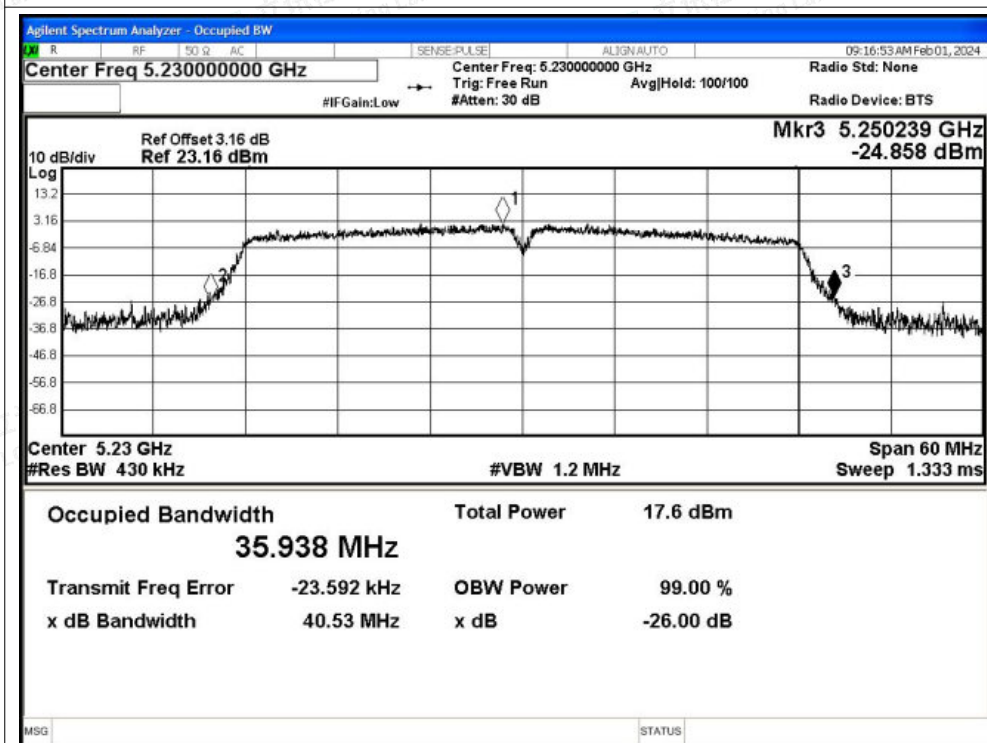
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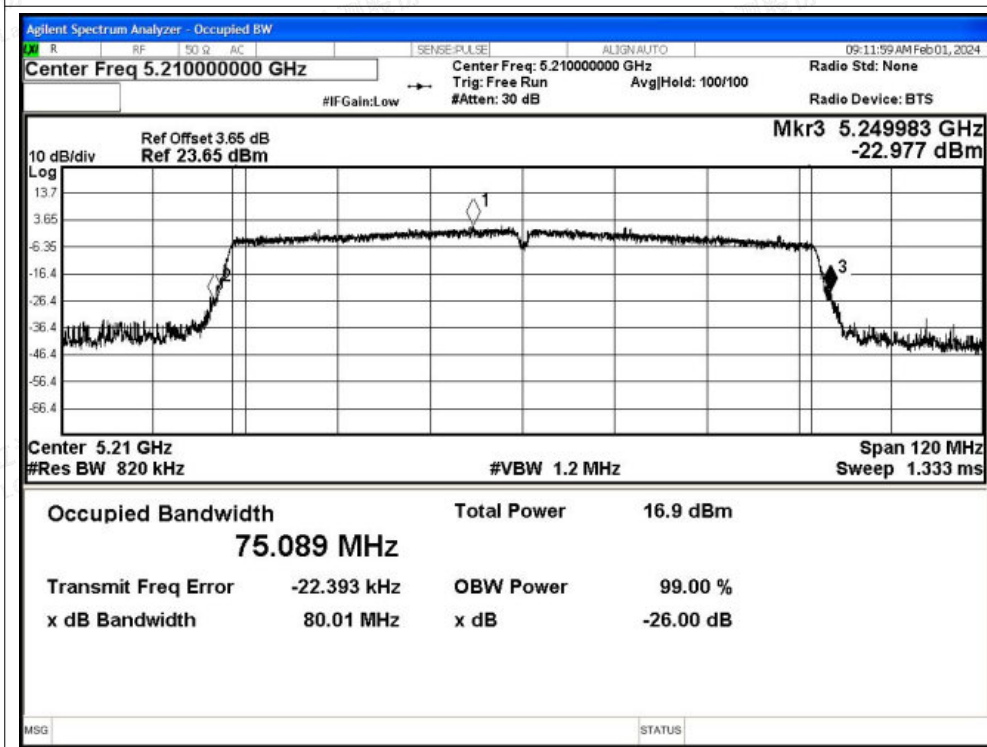
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-26dB Bandwidth NVNT ac40 5230MHz Ant2



-26dB Bandwidth NVNT ac80 5210MHz Ant2



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D.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	12.57	0.14	12.71	24	Pass
NVNT	a	5200	Ant1	12.55	0.13	12.68	24	Pass
NVNT	a	5240	Ant1	12.47	0.13	12.6	24	Pass
NVNT	n20	5180	Ant1	12.11	0.15	12.26	24	Pass
NVNT	n20	5200	Ant1	12.02	0.15	12.17	24	Pass
NVNT	n20	5240	Ant1	11.99	0.15	12.14	24	Pass
NVNT	n40	5190	Ant1	11.08	0.28	11.36	24	Pass
NVNT	n40	5230	Ant1	11.55	0.29	11.84	24	Pass
NVNT	ac20	5180	Ant1	12.07	0.14	12.21	24	Pass
NVNT	ac20	5200	Ant1	12.19	0.14	12.33	24	Pass
NVNT	ac20	5240	Ant1	12.18	0.14	12.32	24	Pass
NVNT	ac40	5190	Ant1	11.07	0.28	11.35	24	Pass
NVNT	ac40	5230	Ant1	11.53	0.28	11.81	24	Pass
NVNT	ac80	5210	Ant1	9.99	0.54	10.53	24	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant2	12.35	0.13	12.48	24	Pass
NVNT	a	5200	Ant2	12.44	0.13	12.57	24	Pass
NVNT	a	5240	Ant2	12.35	0.13	12.48	24	Pass
NVNT	n20	5180	Ant2	12.27	0.15	12.42	24	Pass
NVNT	n20	5200	Ant2	12.23	0.15	12.38	24	Pass
NVNT	n20	5240	Ant2	12.08	0.14	12.22	24	Pass
NVNT	n40	5190	Ant2	11.01	0.29	11.3	24	Pass
NVNT	n40	5230	Ant2	11.52	0.28	11.8	24	Pass
NVNT	ac20	5180	Ant2	12.32	0.14	12.46	24	Pass
NVNT	ac20	5200	Ant2	12.15	0.14	12.29	24	Pass
NVNT	ac20	5240	Ant2	12.15	0.14	12.29	24	Pass
NVNT	ac40	5190	Ant2	11.14	0.28	11.42	24	Pass
NVNT	ac40	5230	Ant2	11.55	0.28	11.83	24	Pass
NVNT	ac80	5210	Ant2	10.06	0.55	10.61	24	Pass





MIMO

Condition	Mode	Frequency (MHz)	Total Power (dBm)			Limit (dBm)	Verdict
			Ant1	Ant2	Ant1+Ant2		
NVNT	n20	5180	12.26	12.42	15.35	24	Pass
NVNT	n20	5200	12.17	12.38	15.29	24	Pass
NVNT	n20	5240	12.14	12.22	15.19	24	Pass
NVNT	n40	5190	11.36	11.3	14.34	24	Pass
NVNT	n40	5230	11.84	11.8	14.83	24	Pass
NVNT	ac20	5180	12.21	12.46	15.35	24	Pass
NVNT	ac20	5200	12.33	12.29	15.32	24	Pass
NVNT	ac20	5240	12.32	12.29	15.32	24	Pass
NVNT	ac40	5190	11.35	11.42	14.40	24	Pass
NVNT	ac40	5230	11.81	11.83	14.83	24	Pass
NVNT	ac80	5210	10.53	10.61	13.58	24	Pass



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D.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	Ant1	2.88	0.14	3.02	11	Pass
NVNT	a	5200	Ant1	2.72	0.13	2.85	11	Pass
NVNT	a	5240	Ant1	2.95	0.13	3.08	11	Pass
NVNT	n20	5180	Ant1	2.32	0.15	2.47	11	Pass
NVNT	n20	5200	Ant1	2.1	0.15	2.25	11	Pass
NVNT	n20	5240	Ant1	2.14	0.15	2.29	11	Pass
NVNT	n40	5190	Ant1	-1.55	0.28	-1.27	11	Pass
NVNT	n40	5230	Ant1	-0.87	0.29	-0.58	11	Pass
NVNT	ac20	5180	Ant1	2.69	0.14	2.83	11	Pass
NVNT	ac20	5200	Ant1	2.38	0.14	2.52	11	Pass
NVNT	ac20	5240	Ant1	2.35	0.14	2.49	11	Pass
NVNT	ac40	5190	Ant1	-1.4	0.28	-1.12	11	Pass
NVNT	ac40	5230	Ant1	-0.74	0.28	-0.46	11	Pass
NVNT	ac80	5210	Ant1	-5.4	0.54	-4.86	11	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	Ant2	2.6	0.13	2.73	11	Pass
NVNT	a	5200	Ant2	2.83	0.13	2.96	11	Pass
NVNT	a	5240	Ant2	2.72	0.13	2.85	11	Pass
NVNT	n20	5180	Ant2	2.55	0.15	2.7	11	Pass
NVNT	n20	5200	Ant2	2.79	0.15	2.94	11	Pass
NVNT	n20	5240	Ant2	2.25	0.14	2.39	11	Pass
NVNT	n40	5190	Ant2	-1.84	0.29	-1.55	11	Pass
NVNT	n40	5230	Ant2	-1.03	0.28	-0.75	11	Pass
NVNT	ac20	5180	Ant2	2.34	0.14	2.48	11	Pass
NVNT	ac20	5200	Ant2	2.35	0.14	2.49	11	Pass
NVNT	ac20	5240	Ant2	2.23	0.14	2.37	11	Pass
NVNT	ac40	5190	Ant2	-1.49	0.28	-1.21	11	Pass
NVNT	ac40	5230	Ant2	-0.97	0.28	-0.69	11	Pass
NVNT	ac80	5210	Ant2	-5.21	0.55	-4.66	11	Pass



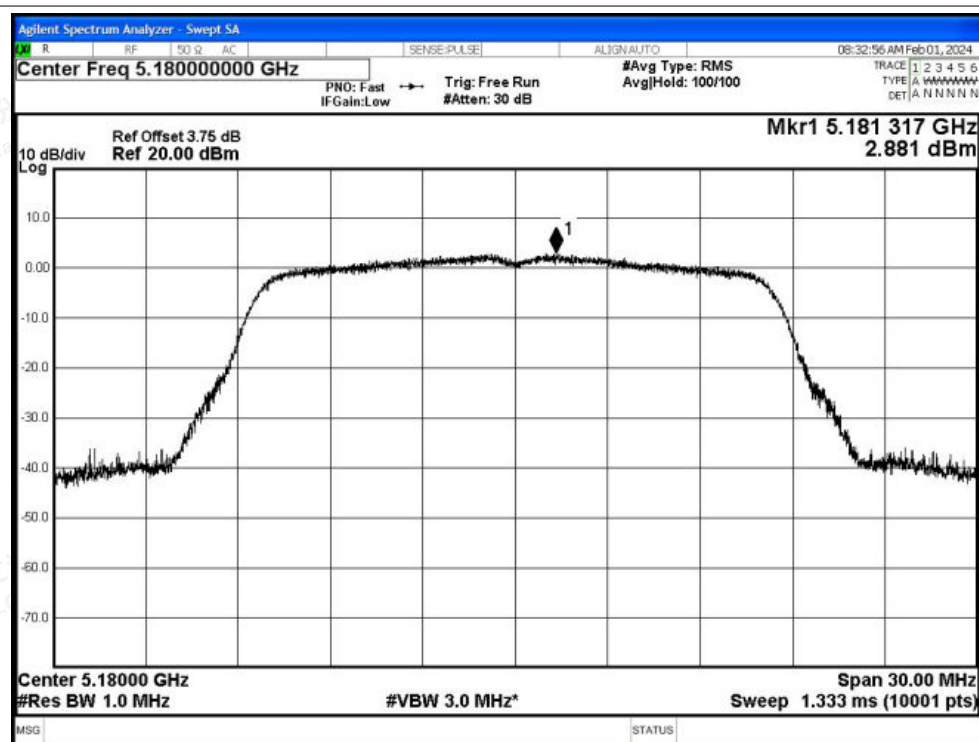


MIMO

Condition	Mode	Frequency (MHz)	Total PSD (dBm/MHz)			Limit (dBm/MHz)	Verdict
			Ant1	Ant2	Ant1+Ant2		
NVNT	n20	5180	2.47	2.7	5.60	11	Pass
NVNT	n20	5200	2.25	2.94	5.62	11	Pass
NVNT	n20	5240	2.29	2.39	5.35	11	Pass
NVNT	n40	5190	-1.27	-1.55	1.60	11	Pass
NVNT	n40	5230	-0.58	-0.75	2.35	11	Pass
NVNT	ac20	5180	2.83	2.48	5.67	11	Pass
NVNT	ac20	5200	2.52	2.49	5.52	11	Pass
NVNT	ac20	5240	2.49	2.37	5.44	11	Pass
NVNT	ac40	5190	-1.12	-1.21	1.85	11	Pass
NVNT	ac40	5230	-0.46	-0.69	2.44	11	Pass
NVNT	ac80	5210	-4.86	-4.66	-1.75	11	Pass

Test Graphs

PSD NVNT a 5180MHz Ant1



PSD NVNT a 5200MHz Ant1

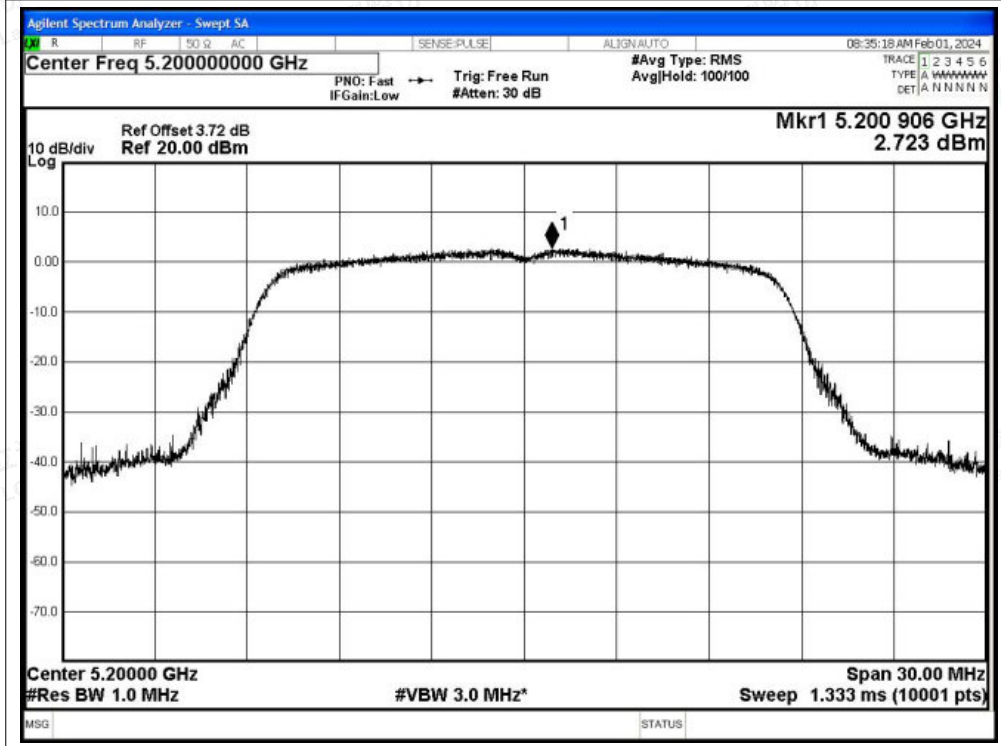


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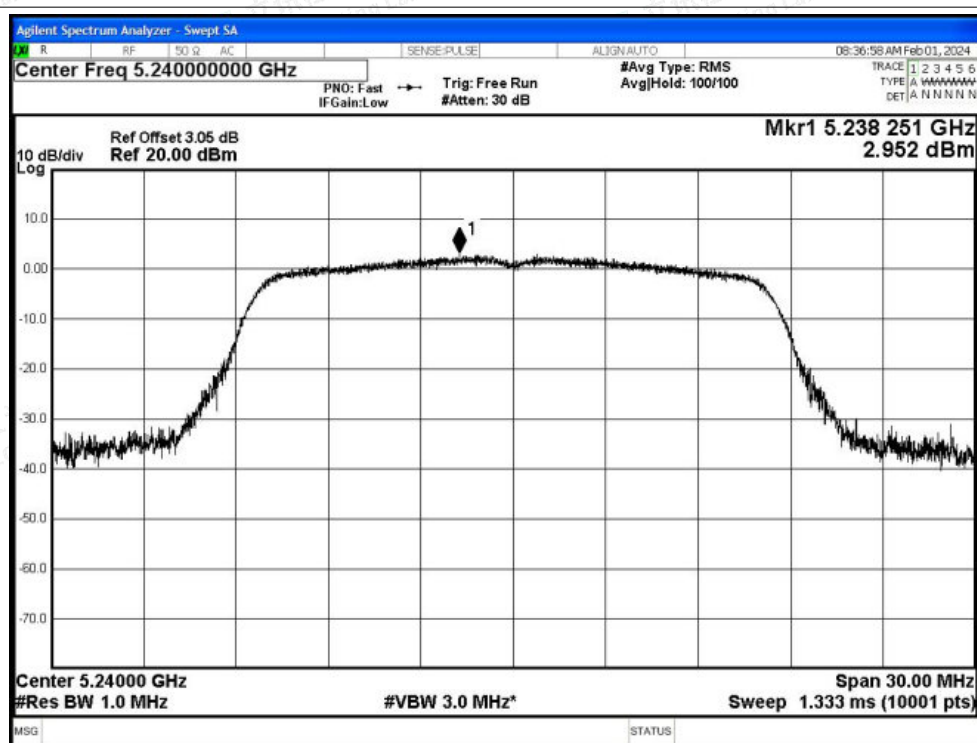
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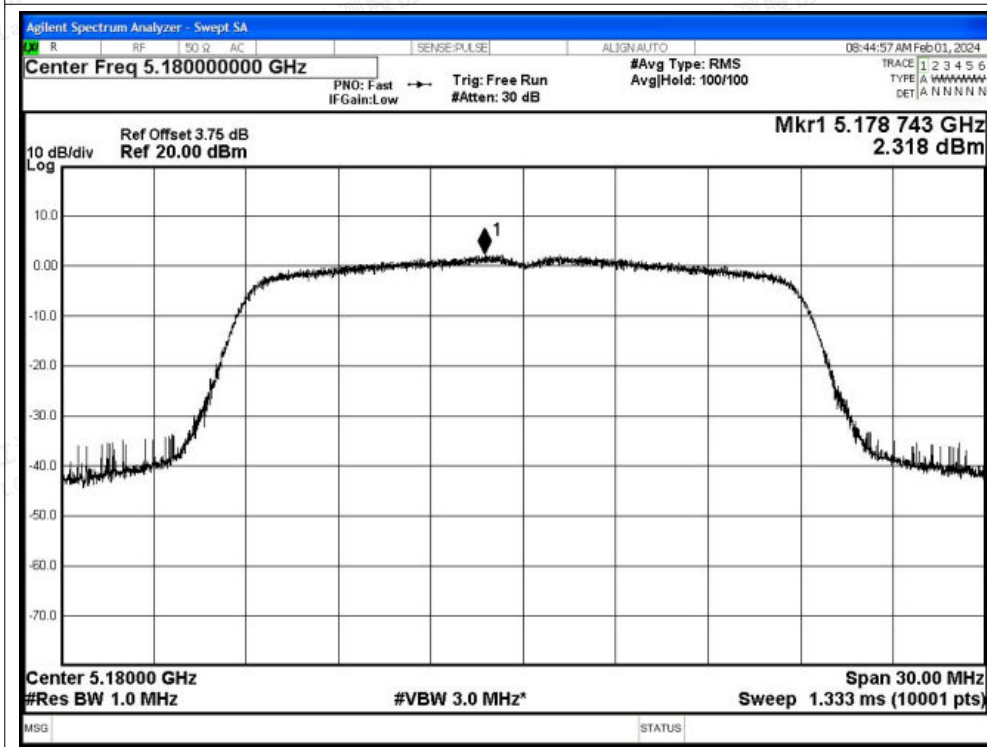
Scan code to check authenticity



PSD NVNT a 5240MHz Ant1



PSD NVNT n20 5180MHz Ant1



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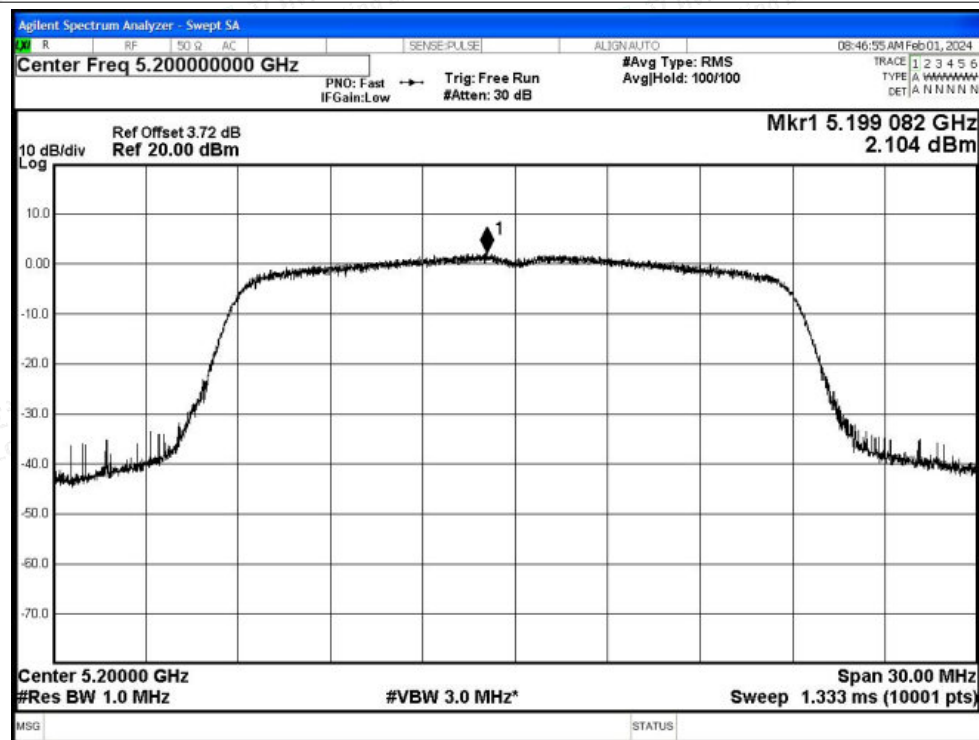
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

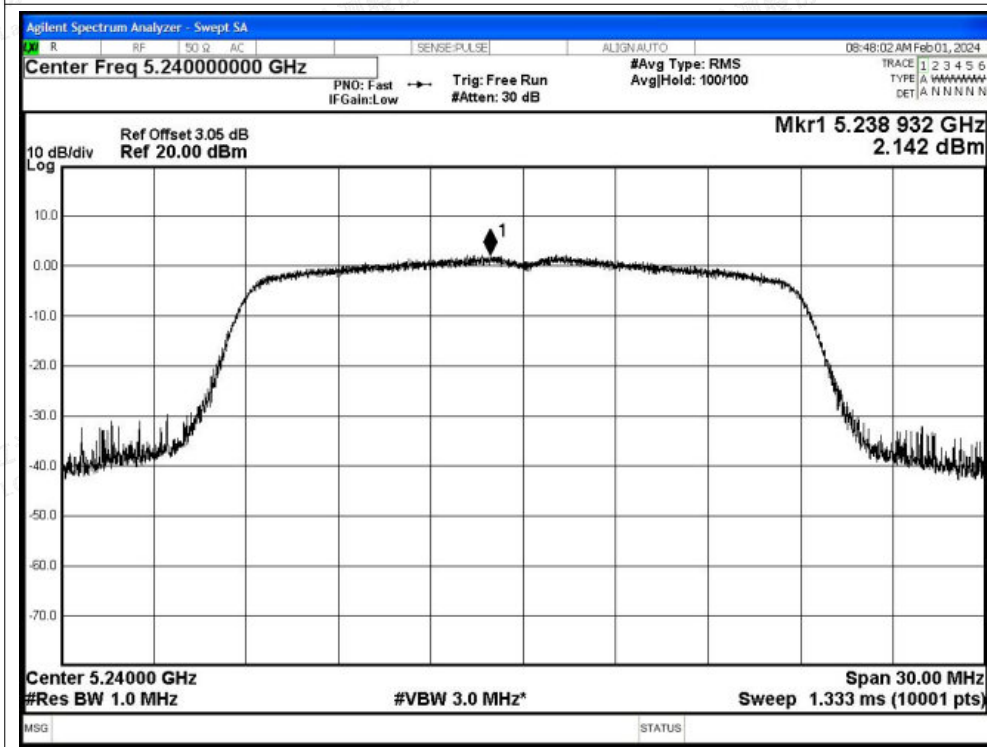
Scan code to check authenticity



PSD NVNT n20 5200MHz Ant1

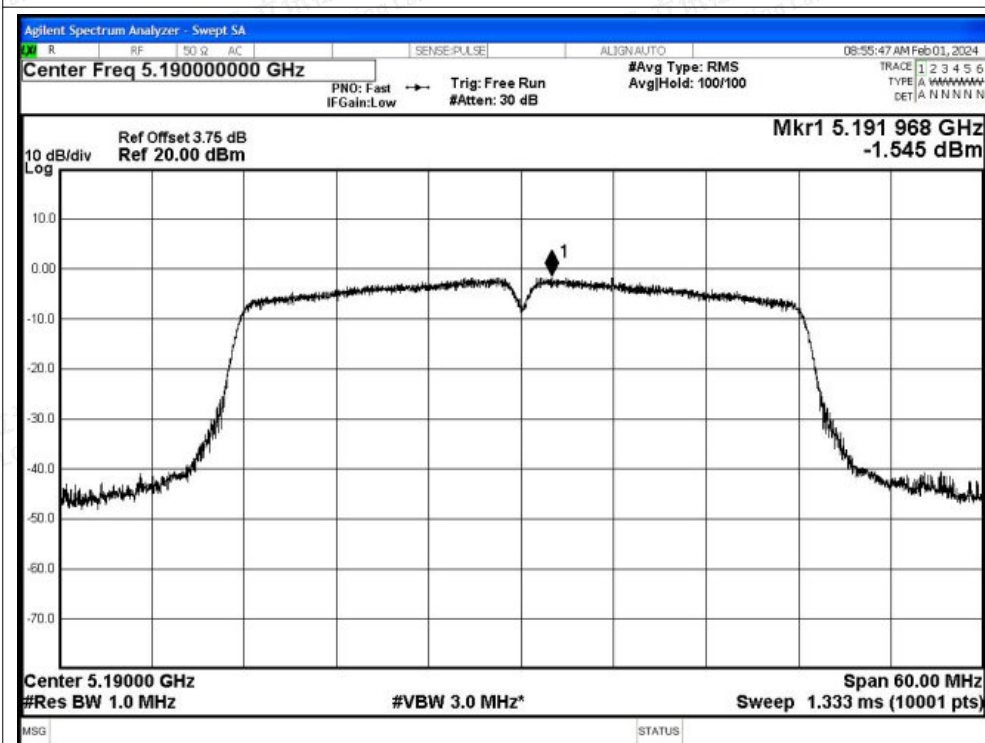


PSD NVNT n20 5240MHz Ant1

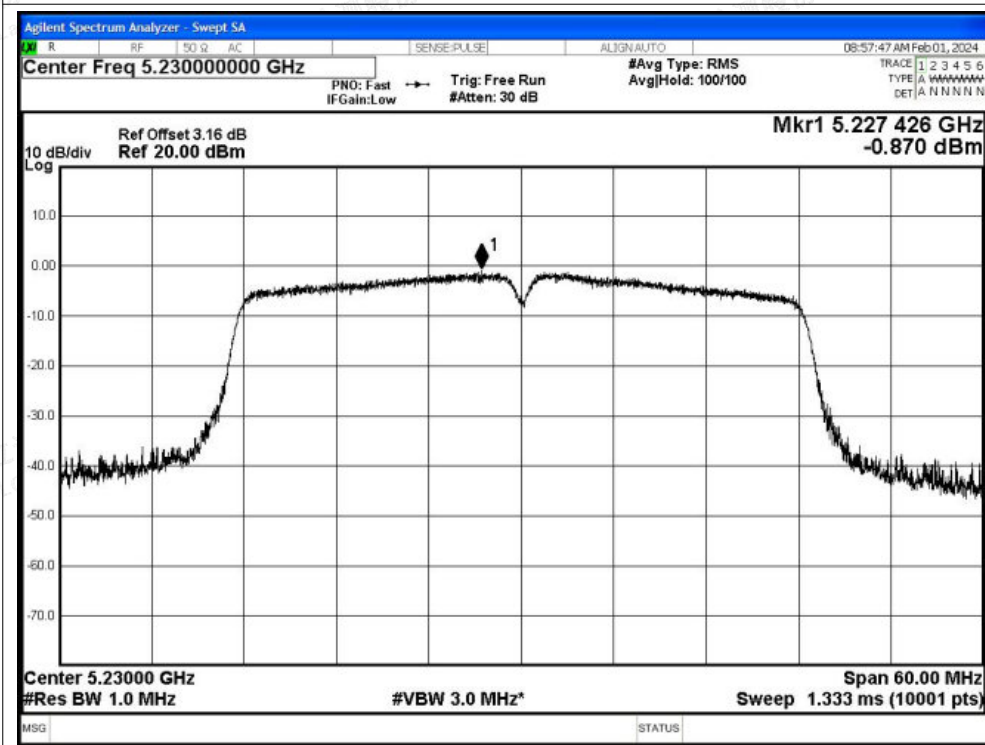


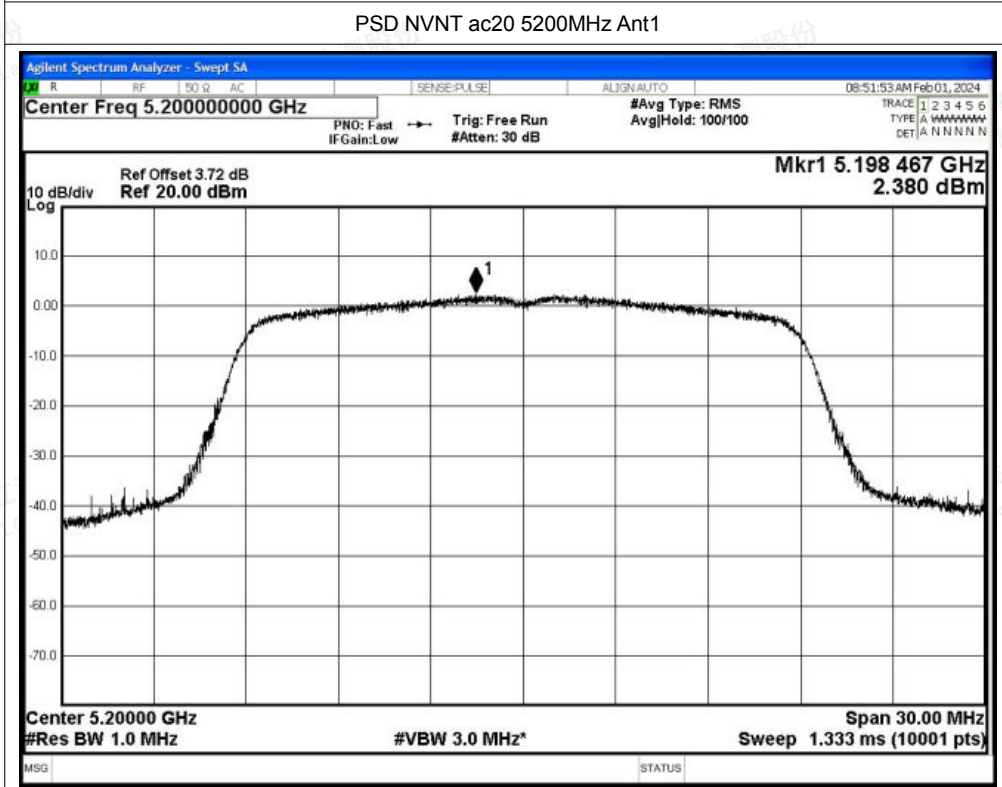
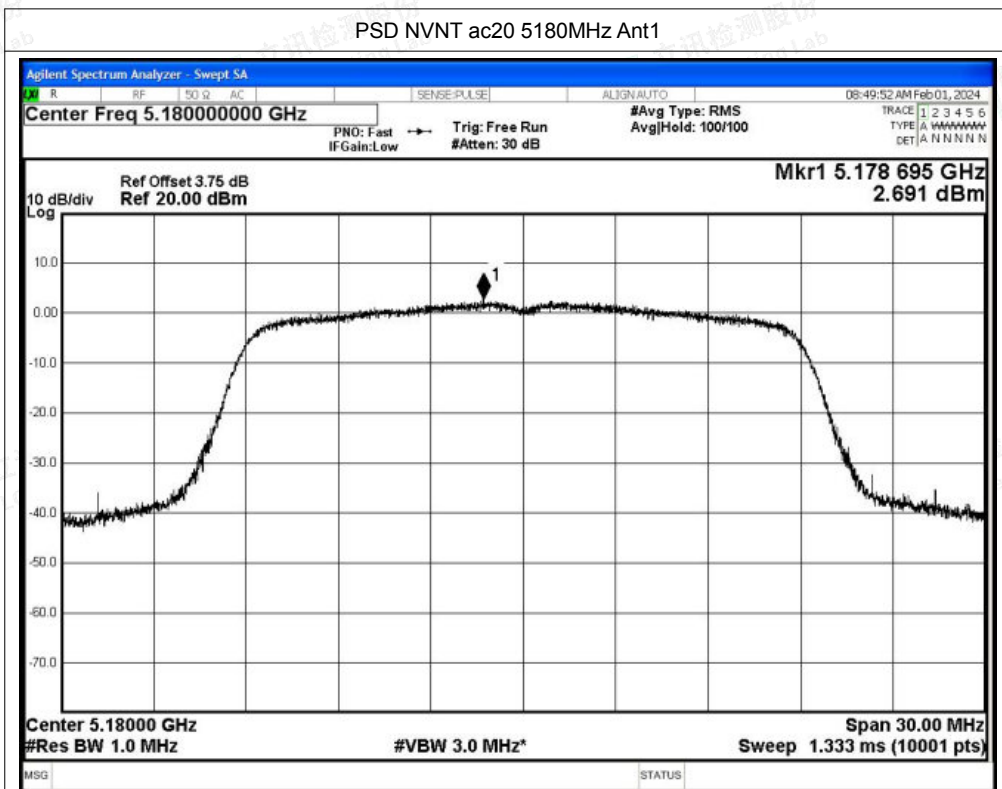


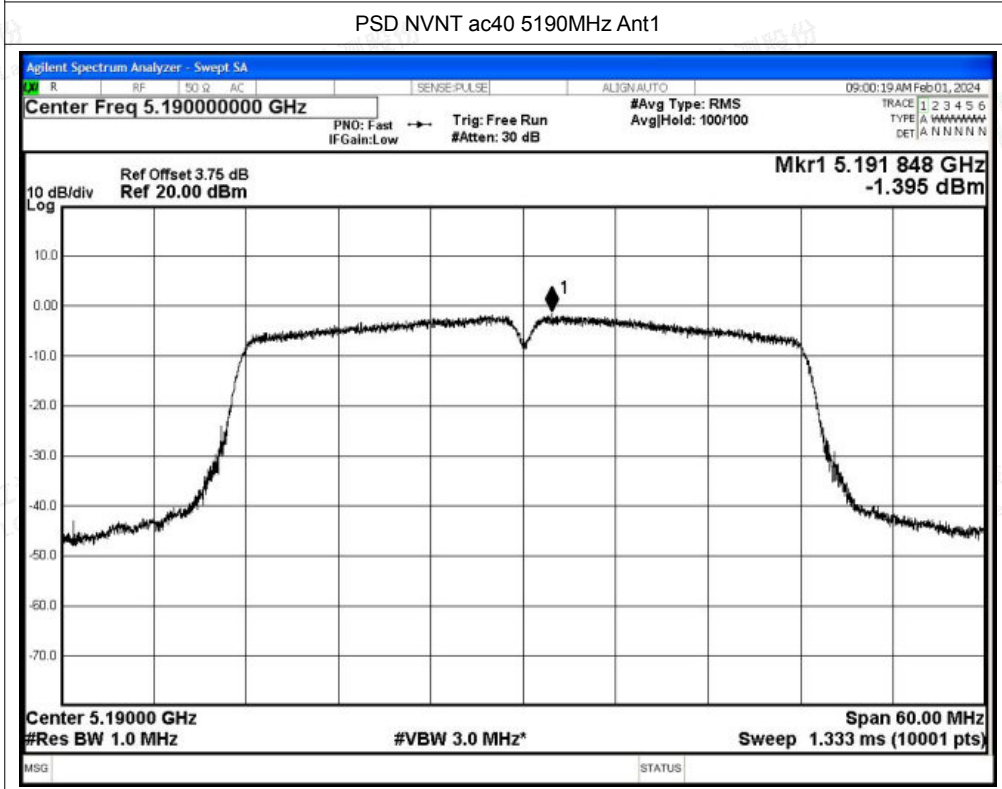
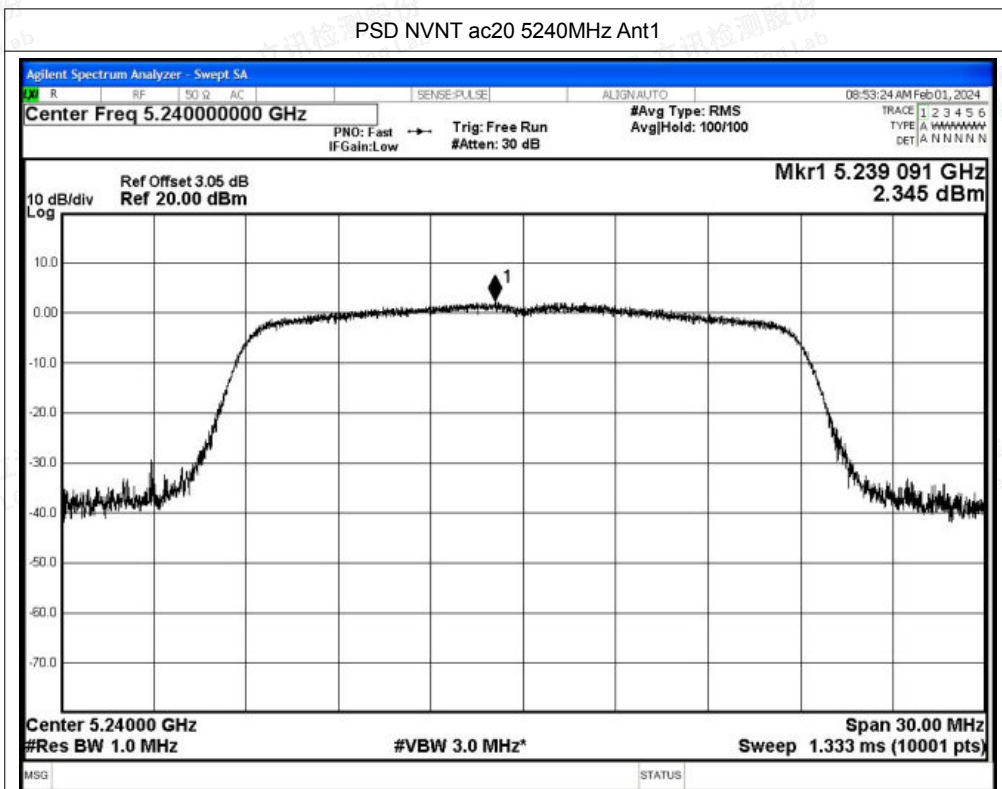
PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

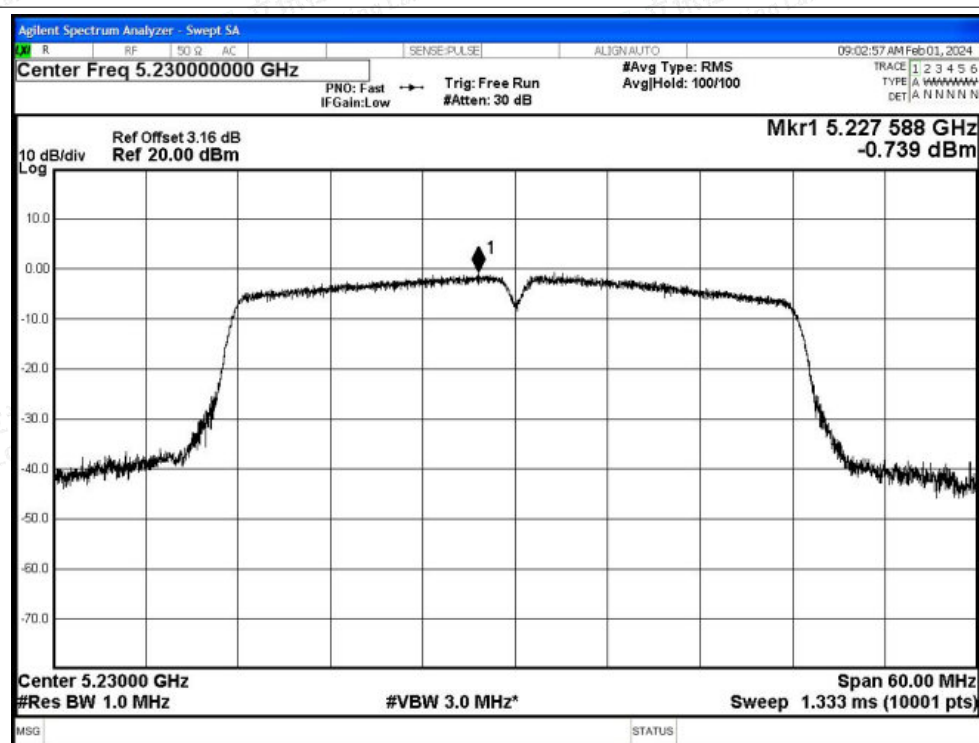




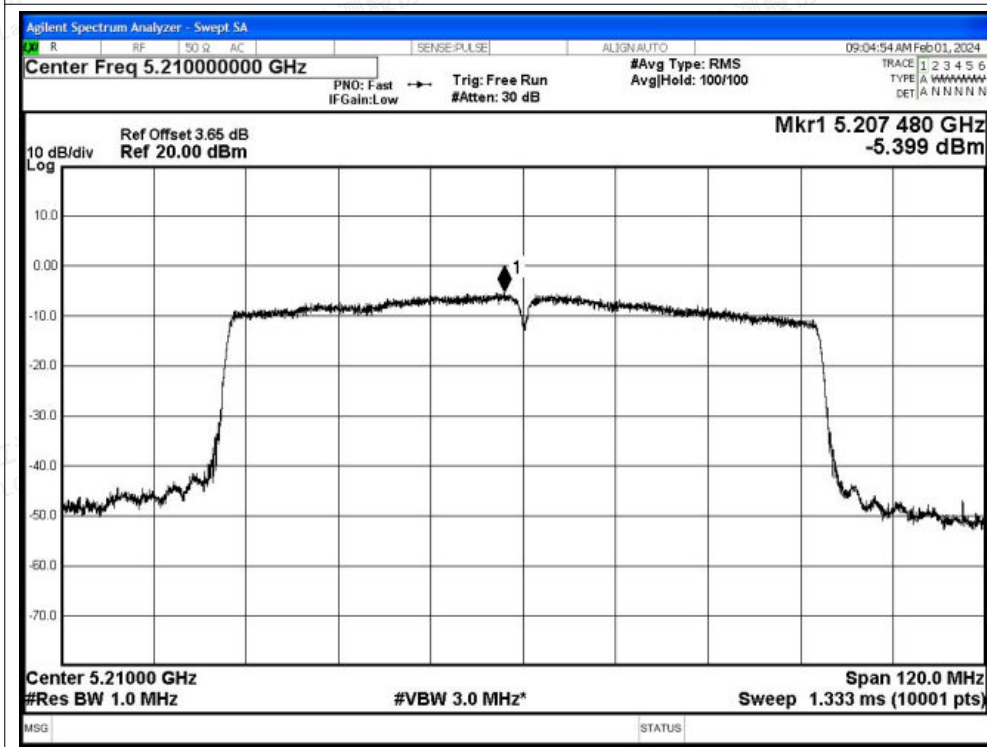




PSD NVNT ac40 5230MHz Ant1



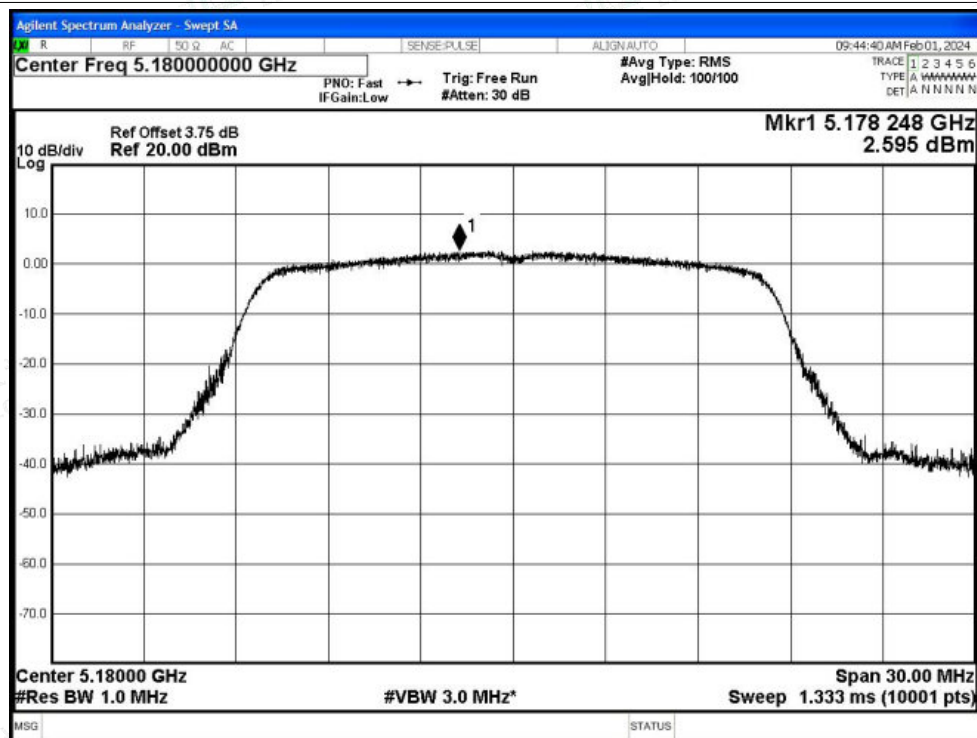
PSD NVNT ac80 5210MHz Ant1



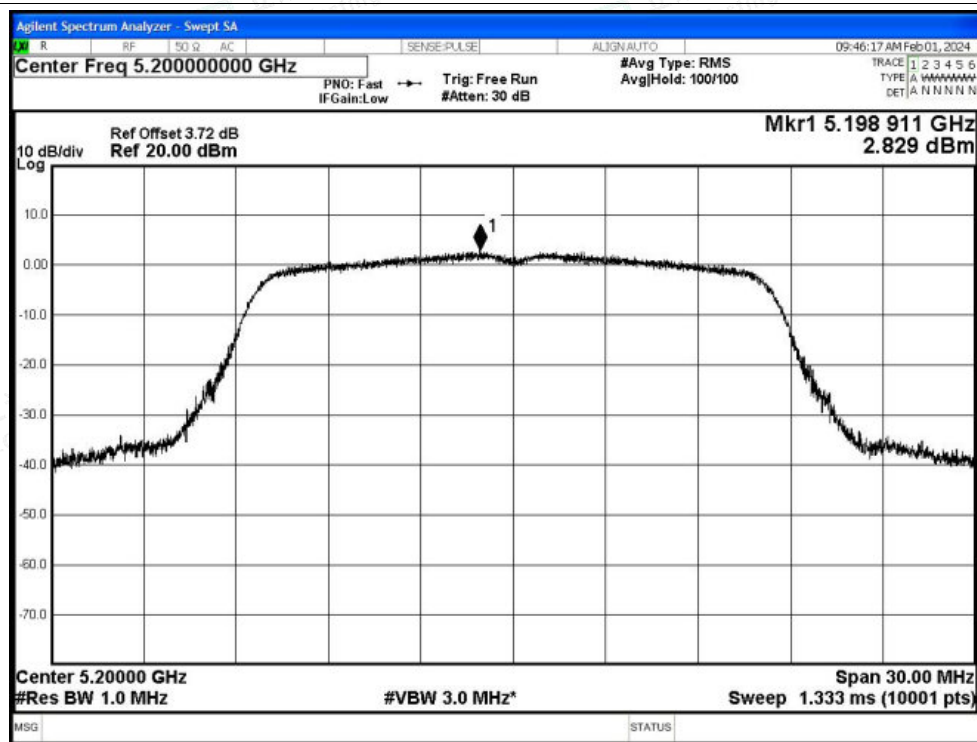


Test Graphs

PSD NVNT a 5180MHz Ant2

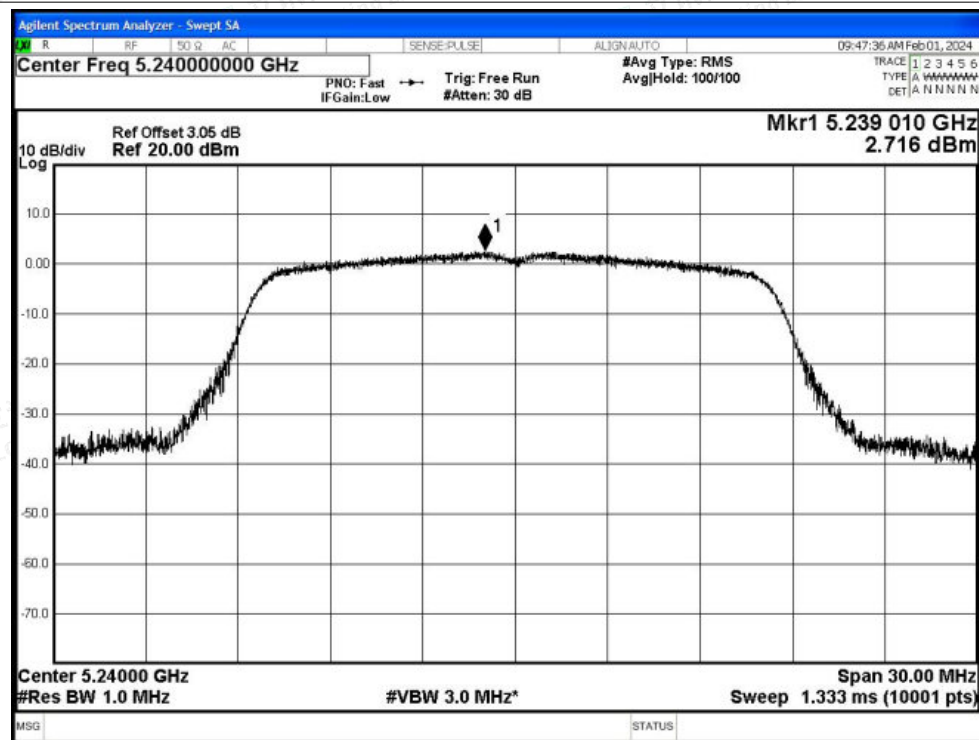


PSD NVNT a 5200MHz Ant2

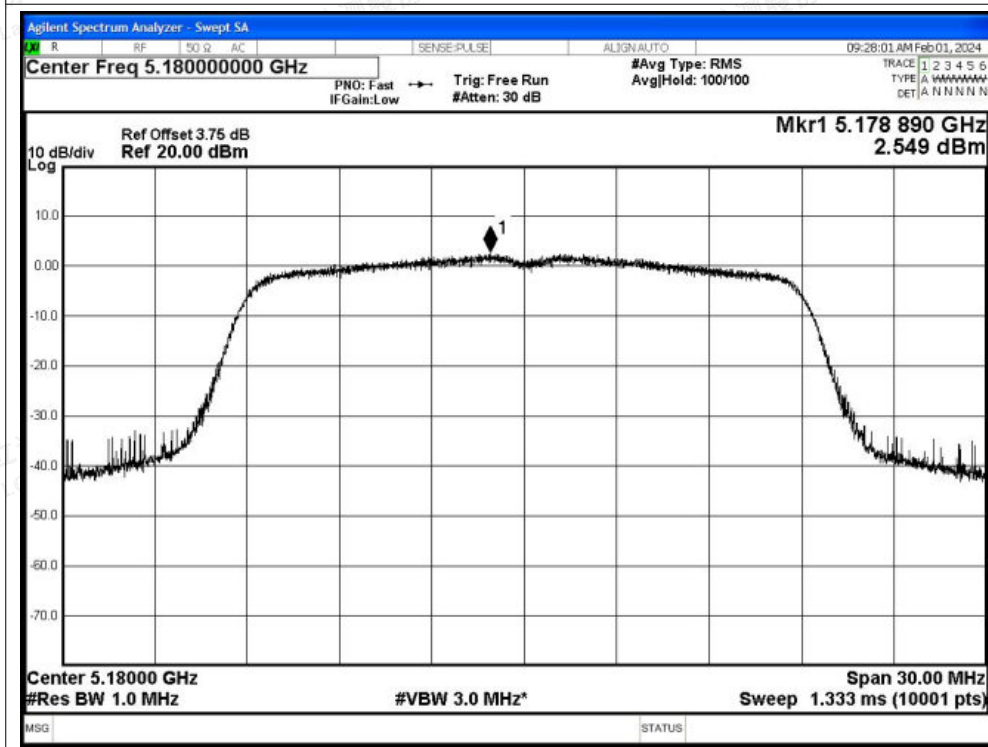




PSD NVNT a 5240MHz Ant2

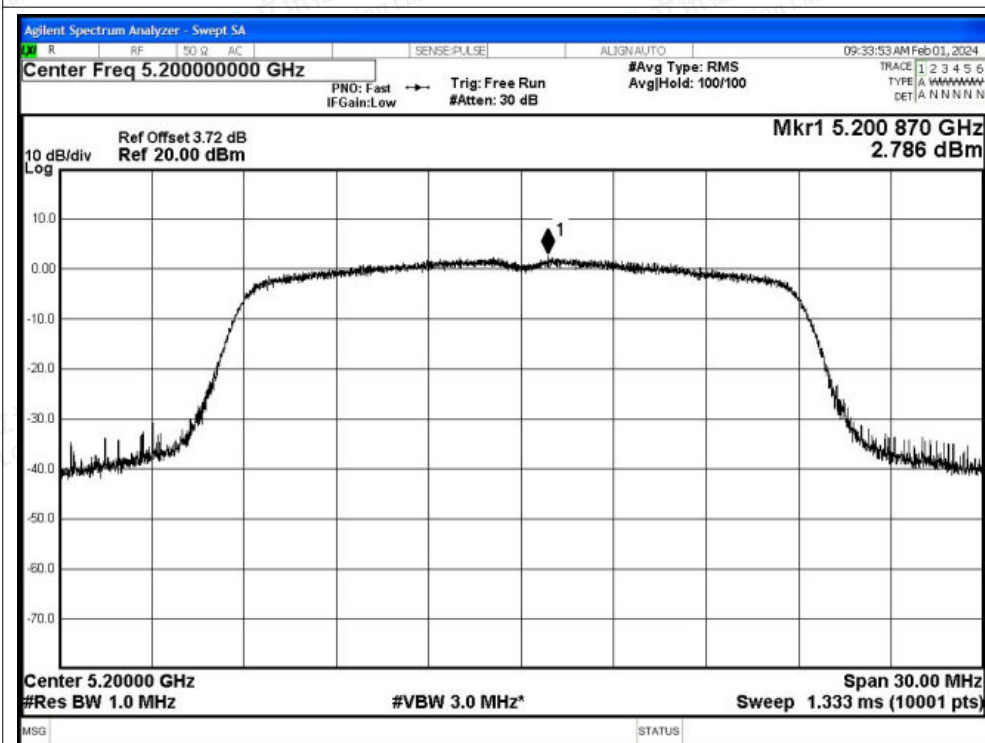


PSD NVNT n20 5180MHz Ant2

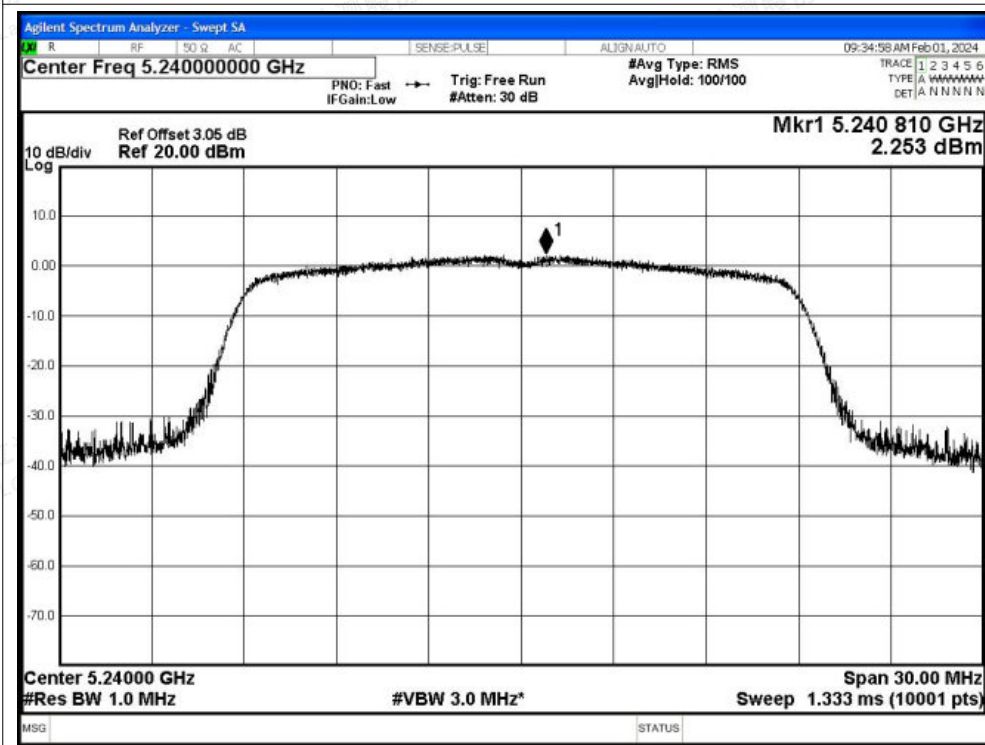




PSD NVNT n20 5200MHz Ant2

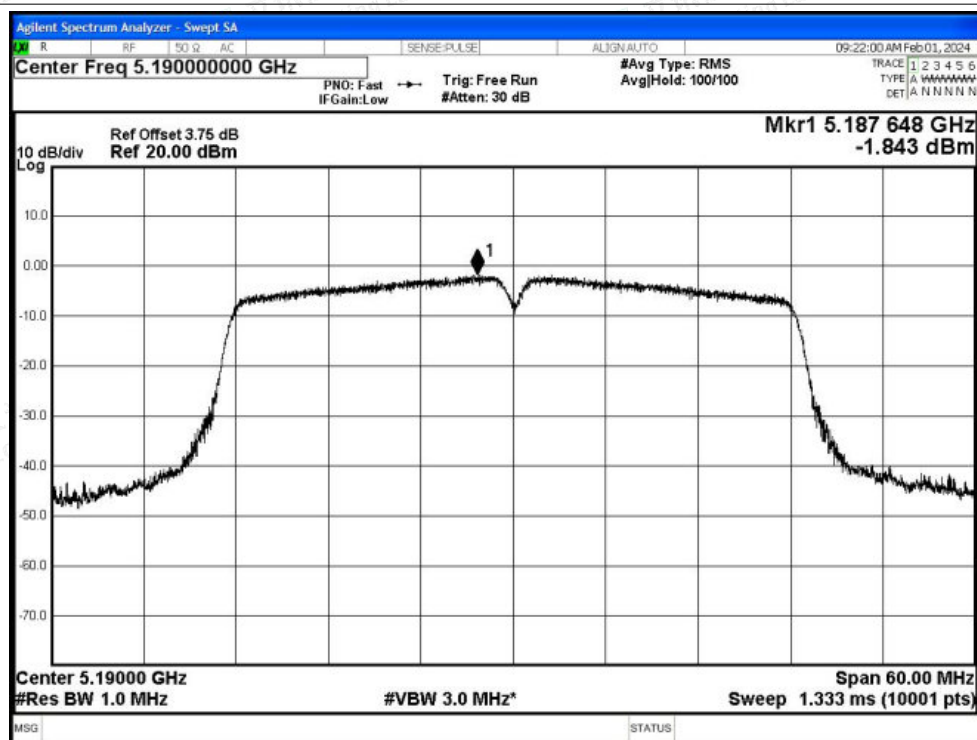


PSD NVNT n20 5240MHz Ant2

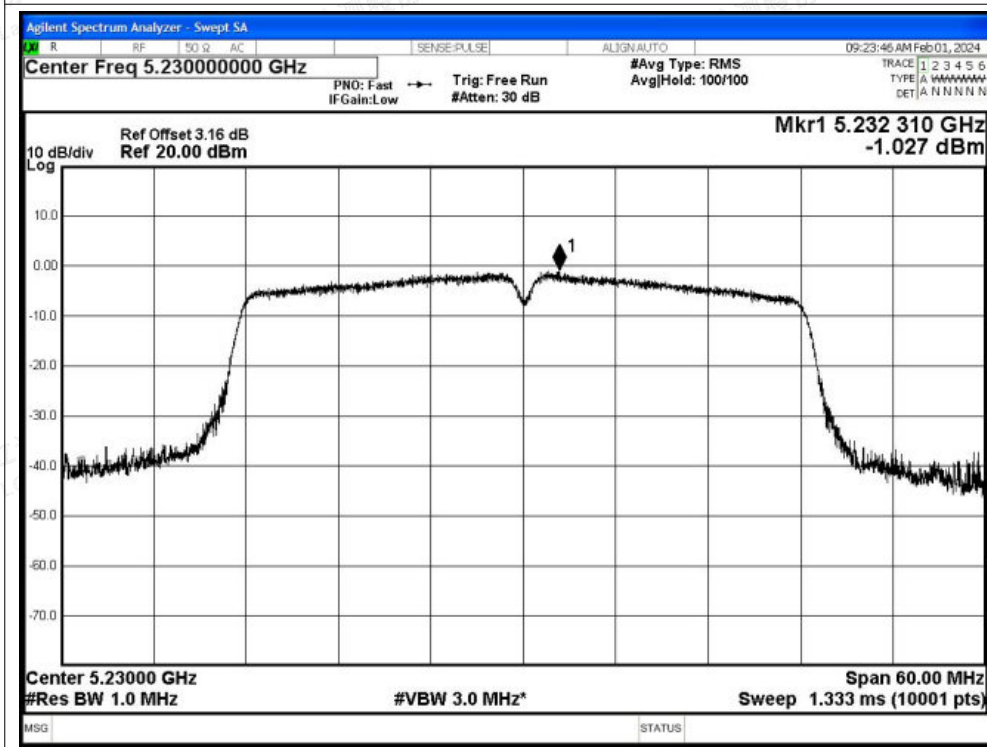


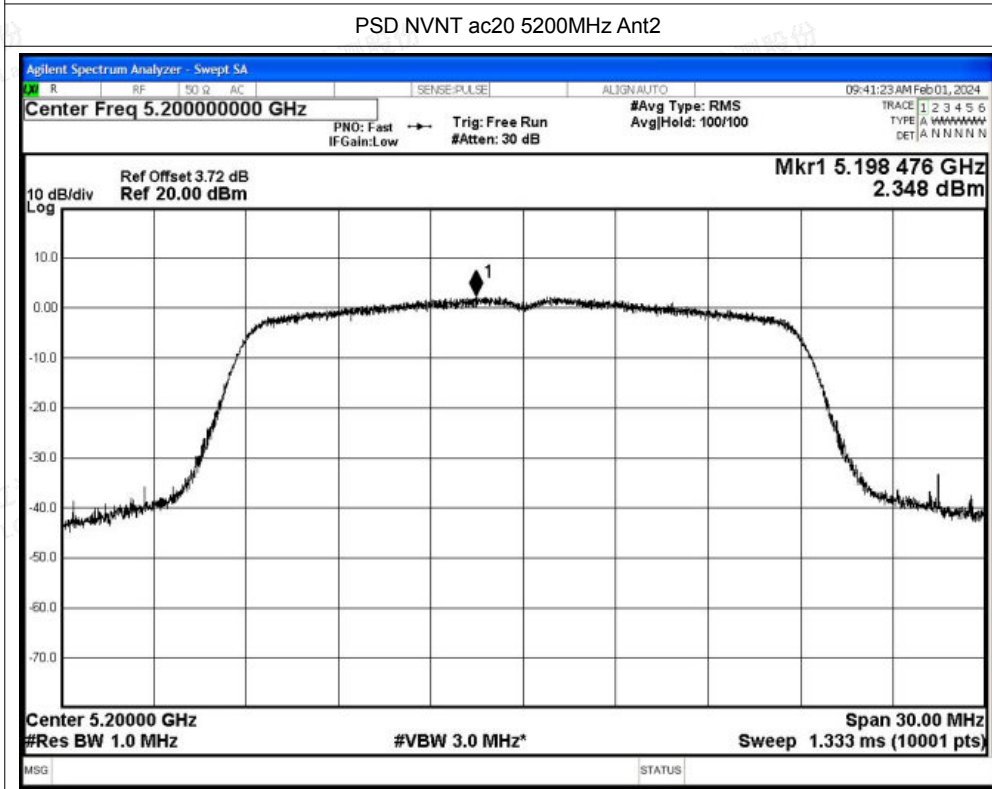
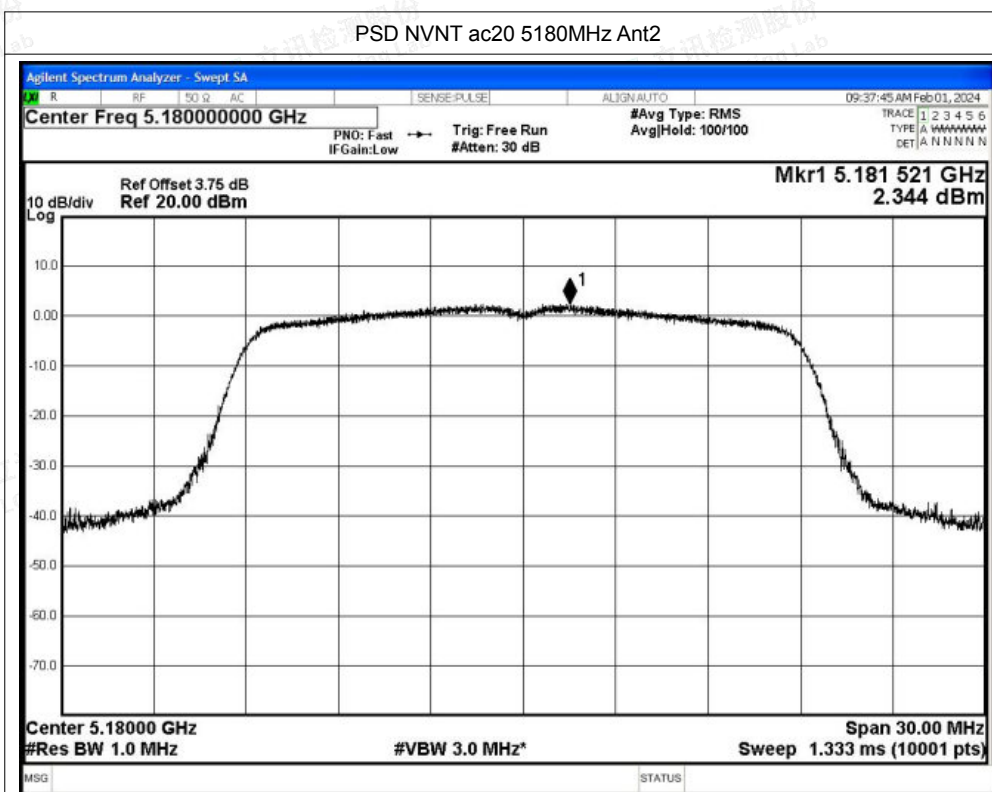


PSD NVNT n40 5190MHz Ant2



PSD NVNT n40 5230MHz Ant2





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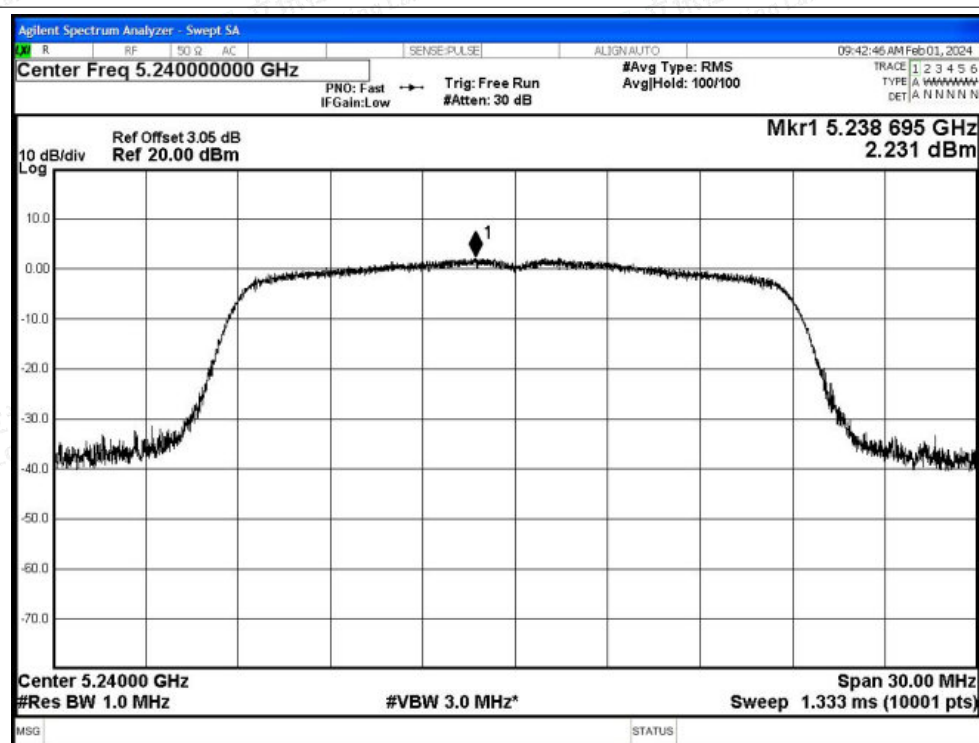
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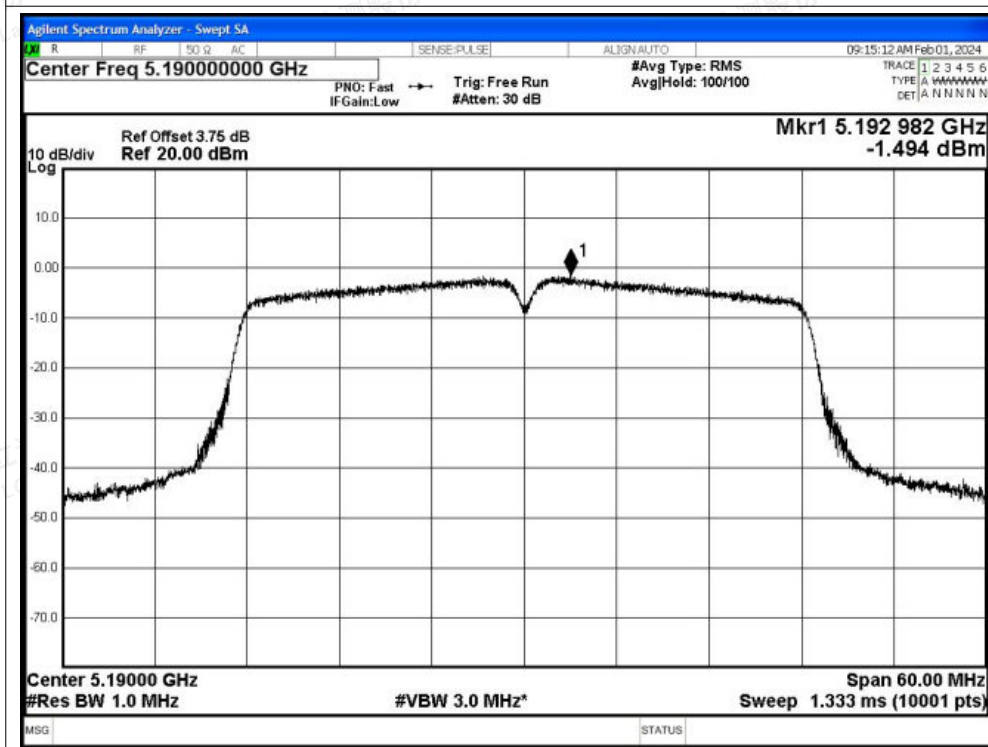
Scan code to check authenticity



PSD NVNT ac20 5240MHz Ant2

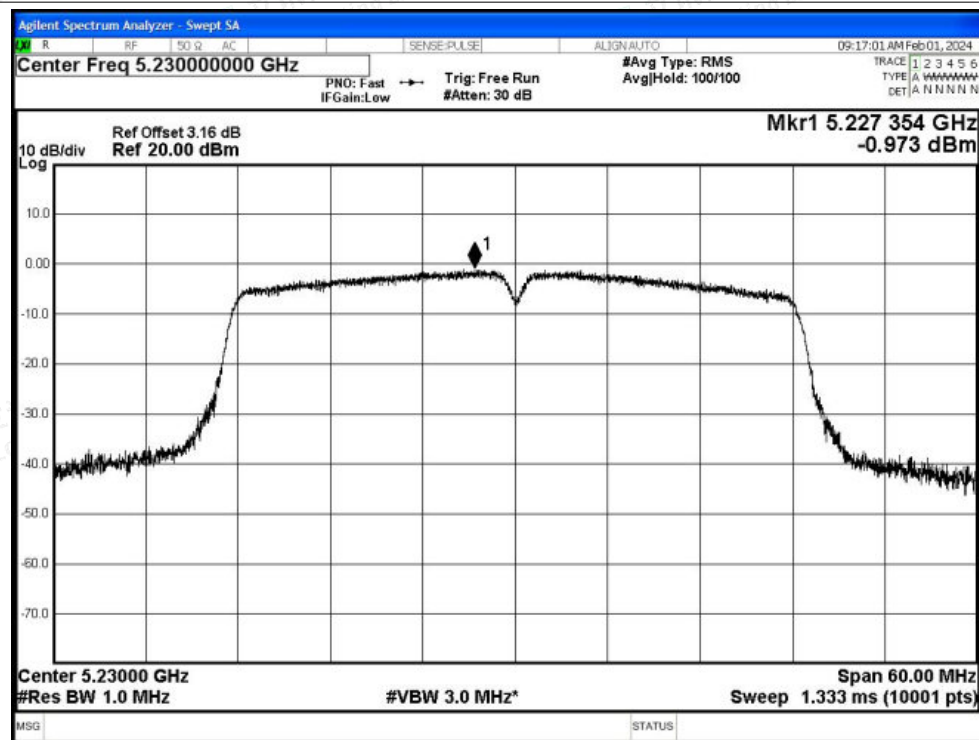


PSD NVNT ac40 5190MHz Ant2

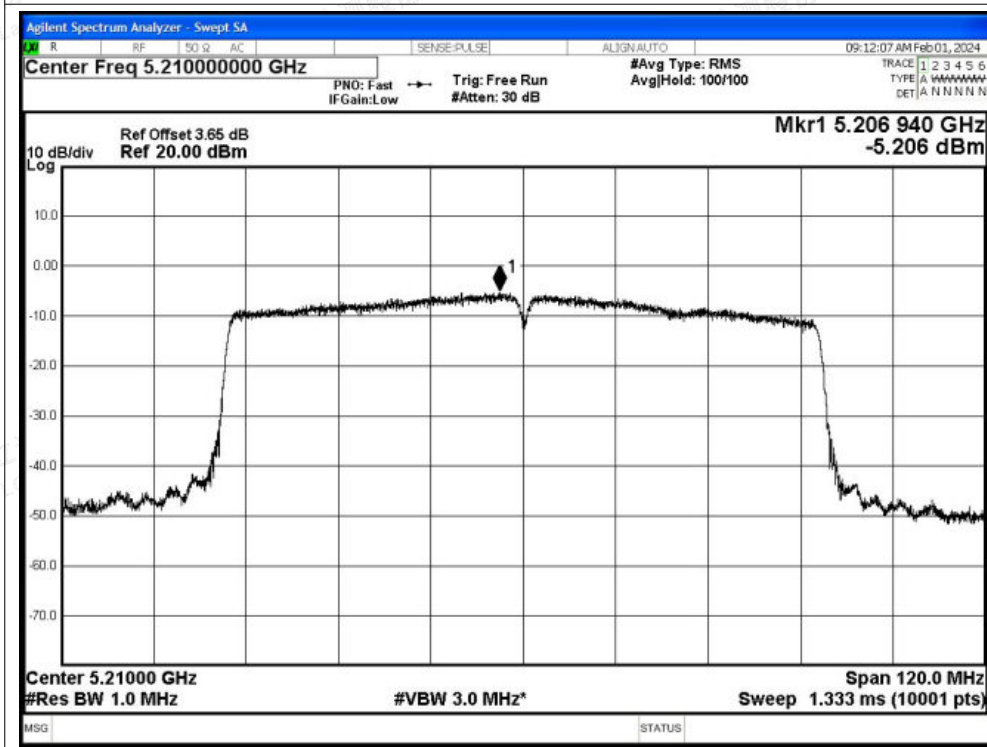




PSD NVNT ac40 5230MHz Ant2



PSD NVNT ac80 5210MHz Ant2





D.4 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5180	Ant1	4500	-51.18	2	-	46.05	Peak	68.2	Pass
NVNT	a	5180	Ant1	4500	-58.82	2	0.14	38.55	Average	54	Pass
NVNT	a	5180	Ant1	5130	-46.03	2	-	51.2	Peak	68.2	Pass
NVNT	a	5180	Ant1	5148.2	-55.15	2	0.14	42.22	Average	54	Pass
NVNT	a	5180	Ant1	5150	-47.15	2	-	50.08	Peak	68.2	Pass
NVNT	a	5180	Ant1	5150	-55.39	2	0.14	41.98	Average	54	Pass
NVNT	a	5240	Ant1	5350	-50.23	2	-	47	Peak	68.2	Pass
NVNT	a	5240	Ant1	5350	-57.58	2	0.13	39.78	Average	54	Pass
NVNT	a	5240	Ant1	5388.48	-46.27	2	-	50.96	Peak	68.2	Pass
NVNT	a	5240	Ant1	5358	-56.77	2	0.13	40.59	Average	54	Pass
NVNT	a	5240	Ant1	5460	-48.69	2	-	48.54	Peak	68.2	Pass
NVNT	a	5240	Ant1	5460	-57.88	2	0.13	39.48	Average	54	Pass
NVNT	n20	5180	Ant1	4500	-49.94	2	-	47.29	Peak	68.2	Pass
NVNT	n20	5180	Ant1	4500	-58.14	2	0.15	39.24	Average	54	Pass
NVNT	n20	5180	Ant1	5134.2	-45.85	2	-	51.38	Peak	68.2	Pass
NVNT	n20	5180	Ant1	5140.5	-54.92	2	0.15	42.46	Average	54	Pass
NVNT	n20	5180	Ant1	5150	-46.85	2	-	50.38	Peak	68.2	Pass
NVNT	n20	5180	Ant1	5150	-55.15	2	0.15	42.23	Average	54	Pass
NVNT	n20	5240	Ant1	5350	-46.9	2	-	50.33	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5350	-57.66	2	0.15	39.72	Average	54	Pass
NVNT	n20	5240	Ant1	5426.16	-45.67	2	-	51.56	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5357.28	-56.61	2	0.15	40.77	Average	54	Pass
NVNT	n20	5240	Ant1	5460	-50.01	2	-	47.22	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5460	-57.96	2	0.15	39.42	Average	54	Pass
NVNT	n40	5190	Ant1	4500	-50.76	2	-	46.47	Peak	68.2	Pass
NVNT	n40	5190	Ant1	4500	-58.59	2	0.28	38.92	Average	54	Pass
NVNT	n40	5190	Ant1	5149.7	-44.64	2	-	52.59	Peak	68.2	Pass
NVNT	n40	5190	Ant1	5149.7	-54.36	2	0.28	43.15	Average	54	Pass
NVNT	n40	5190	Ant1	5150	-44.64	2	-	52.59	Peak	68.2	Pass
NVNT	n40	5190	Ant1	5150	-54.36	2	0.28	43.15	Average	54	Pass
NVNT	n40	5230	Ant1	5350	-49.23	2	-	48	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5350	-57.39	2	0.29	40.13	Average	54	Pass
NVNT	n40	5230	Ant1	5389.53	-46.13	2	-	51.1	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5352.81	-56.56	2	0.29	40.96	Average	54	Pass
NVNT	n40	5230	Ant1	5460	-50.94	2	-	46.29	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5460	-57.14	2	0.29	40.38	Average	54	Pass



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NVNT	ac20	5180	Ant1	4500	-49.61	2	-	47.62	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	4500	-58.31	2	0.14	39.06	Average	54	Pass
NVNT	ac20	5180	Ant1	5145.4	-45.03	2	-	52.2	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	5148.2	-54.75	2	0.14	42.62	Average	54	Pass
NVNT	ac20	5180	Ant1	5150	-45.96	2	-	51.27	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	5150	-55.19	2	0.14	42.18	Average	54	Pass
NVNT	ac20	5240	Ant1	5350	-50.15	2	-	47.08	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5350	-57.57	2	0.14	39.8	Average	54	Pass
NVNT	ac20	5240	Ant1	5414.64	-46.35	2	-	50.88	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5362.56	-56.68	2	0.14	40.69	Average	54	Pass
NVNT	ac20	5240	Ant1	5460	-50.08	2	-	47.15	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5460	-57.98	2	0.14	39.39	Average	54	Pass
NVNT	ac40	5190	Ant1	4500	-48.89	2	-	48.34	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	4500	-58.1	2	0.28	39.41	Average	54	Pass
NVNT	ac40	5190	Ant1	5109.55	-44.79	2	-	52.44	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	5146.05	-54.77	2	0.28	42.74	Average	54	Pass
NVNT	ac40	5190	Ant1	5150	-46.61	2	-	50.62	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	5150	-55.27	2	0.28	42.24	Average	54	Pass
NVNT	ac40	5230	Ant1	5350	-49.29	2	-	47.94	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5350	-57.26	2	0.28	40.25	Average	54	Pass
NVNT	ac40	5230	Ant1	5376.03	-45.83	2	-	51.4	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5352.27	-56.63	2	0.28	40.88	Average	54	Pass
NVNT	ac40	5230	Ant1	5460	-49.44	2	-	47.79	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5460	-57.58	2	0.28	39.93	Average	54	Pass
NVNT	ac80	5210	Ant1	5350	-49.73	2	-	47.5	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5350	-57.11	2	0.54	40.66	Average	54	Pass
NVNT	ac80	5210	Ant1	5364.96	-46.92	2	-	50.31	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5434.26	-56.58	2	0.54	41.19	Average	54	Pass
NVNT	ac80	5210	Ant1	5460	-50.43	2	-	46.8	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5460	-57.55	2	0.54	40.22	Average	54	Pass
NVNT	ac80	5210	Ant1	4500	-49.99	2	-	47.24	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	4500	-58.53	2	0.54	39.24	Average	54	Pass
NVNT	ac80	5210	Ant1	5143.85	-43.62	2	-	53.61	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5149.38	-53.56	2	0.54	44.21	Average	54	Pass
NVNT	ac80	5210	Ant1	5150	-44.83	2	-	52.4	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5150	-53.75	2	0.54	44.02	Average	54	Pass





Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5180	Ant2	4500	-49.81	2	-	47.42	Peak	68.2	Pass
NVNT	a	5180	Ant2	4500	-58.55	2	0.13	38.81	Average	54	Pass
NVNT	a	5180	Ant2	5111.8	-44.67	2	-	52.56	Peak	68.2	Pass
NVNT	a	5180	Ant2	5141.9	-54.91	2	0.13	42.45	Average	54	Pass
NVNT	a	5180	Ant2	5150	-46.8	2	-	50.43	Peak	68.2	Pass
NVNT	a	5180	Ant2	5150	-55.34	2	0.13	42.02	Average	54	Pass
NVNT	a	5240	Ant2	5350	-50.2	2	-	47.03	Peak	68.2	Pass
NVNT	a	5240	Ant2	5350	-56.83	2	0.13	40.53	Average	54	Pass
NVNT	a	5240	Ant2	5369.04	-46.04	2	-	51.19	Peak	68.2	Pass
NVNT	a	5240	Ant2	5373.12	-56.45	2	0.13	40.91	Average	54	Pass
NVNT	a	5240	Ant2	5460	-49.78	2	-	47.45	Peak	68.2	Pass
NVNT	a	5240	Ant2	5460	-57.83	2	0.13	39.53	Average	54	Pass
NVNT	n20	5180	Ant2	4500	-49.11	2	-	48.12	Peak	68.2	Pass
NVNT	n20	5180	Ant2	4500	-58.51	2	0.15	38.87	Average	54	Pass
NVNT	n20	5180	Ant2	5107.6	-44.41	2	-	52.82	Peak	68.2	Pass
NVNT	n20	5180	Ant2	5130	-55.05	2	0.15	42.33	Average	54	Pass
NVNT	n20	5180	Ant2	5150	-47.1	2	-	50.13	Peak	68.2	Pass
NVNT	n20	5180	Ant2	5150	-55	2	0.15	42.38	Average	54	Pass
NVNT	n20	5240	Ant2	5350	-49.39	2	-	47.84	Peak	68.2	Pass
NVNT	n20	5240	Ant2	5350	-57.34	2	0.14	40.03	Average	54	Pass
NVNT	n20	5240	Ant2	5367.6	-47.1	2	-	50.13	Peak	68.2	Pass
NVNT	n20	5240	Ant2	5354.16	-56.64	2	0.14	40.73	Average	54	Pass
NVNT	n20	5240	Ant2	5460	-49.89	2	-	47.34	Peak	68.2	Pass
NVNT	n20	5240	Ant2	5460	-57.8	2	0.14	39.57	Average	54	Pass
NVNT	n40	5190	Ant2	4500	-49.7	2	-	47.53	Peak	68.2	Pass
NVNT	n40	5190	Ant2	4500	-58.28	2	0.29	39.24	Average	54	Pass
NVNT	n40	5190	Ant2	5149.7	-44.54	2	-	52.69	Peak	68.2	Pass
NVNT	n40	5190	Ant2	5148.97	-54.35	2	0.29	43.17	Average	54	Pass
NVNT	n40	5190	Ant2	5150	-44.54	2	-	52.69	Peak	68.2	Pass
NVNT	n40	5190	Ant2	5150	-54.88	2	0.29	42.64	Average	54	Pass
NVNT	n40	5230	Ant2	5350	-48.83	2	-	48.4	Peak	68.2	Pass
NVNT	n40	5230	Ant2	5350	-57.19	2	0.28	40.32	Average	54	Pass
NVNT	n40	5230	Ant2	5381.97	-46.6	2	-	50.63	Peak	68.2	Pass
NVNT	n40	5230	Ant2	5353.89	-56.56	2	0.28	40.95	Average	54	Pass
NVNT	n40	5230	Ant2	5460	-49.74	2	-	47.49	Peak	68.2	Pass
NVNT	n40	5230	Ant2	5460	-58.12	2	0.28	39.39	Average	54	Pass
NVNT	ac20	5180	Ant2	4500	-50.53	2	-	46.7	Peak	68.2	Pass
NVNT	ac20	5180	Ant2	4500	-58.54	2	0.14	38.83	Average	54	Pass





NVNT	ac20	5180	Ant2	4780.7	-45.46	2	-	51.77	Peak	68.2	Pass
NVNT	ac20	5180	Ant2	5145.4	-54.79	2	0.14	42.58	Average	54	Pass
NVNT	ac20	5180	Ant2	5150	-45.2	2	-	52.03	Peak	68.2	Pass
NVNT	ac20	5180	Ant2	5150	-55.23	2	0.14	42.14	Average	54	Pass
NVNT	ac20	5240	Ant2	5350	-48.47	2	-	48.76	Peak	68.2	Pass
NVNT	ac20	5240	Ant2	5350	-57.47	2	0.14	39.9	Average	54	Pass
NVNT	ac20	5240	Ant2	5450.88	-46.46	2	-	50.77	Peak	68.2	Pass
NVNT	ac20	5240	Ant2	5365.68	-56.6	2	0.14	40.77	Average	54	Pass
NVNT	ac20	5240	Ant2	5460	-49.48	2	-	47.75	Peak	68.2	Pass
NVNT	ac20	5240	Ant2	5460	-58.09	2	0.14	39.28	Average	54	Pass
NVNT	ac40	5190	Ant2	4500	-49.55	2	-	47.68	Peak	68.2	Pass
NVNT	ac40	5190	Ant2	4500	-58.18	2	0.28	39.33	Average	54	Pass
NVNT	ac40	5190	Ant2	5141.67	-44.93	2	-	52.3	Peak	68.2	Pass
NVNT	ac40	5190	Ant2	5149.7	-54.34	2	0.28	43.17	Average	54	Pass
NVNT	ac40	5190	Ant2	5150	-45.82	2	-	51.41	Peak	68.2	Pass
NVNT	ac40	5190	Ant2	5150	-54.34	2	0.28	43.17	Average	54	Pass
NVNT	ac40	5230	Ant2	5350	-48.59	2	-	48.64	Peak	68.2	Pass
NVNT	ac40	5230	Ant2	5350	-57.65	2	0.28	39.86	Average	54	Pass
NVNT	ac40	5230	Ant2	5405.19	-46.47	2	-	50.76	Peak	68.2	Pass
NVNT	ac40	5230	Ant2	5354.7	-56.65	2	0.28	40.86	Average	54	Pass
NVNT	ac40	5230	Ant2	5460	-49.18	2	-	48.05	Peak	68.2	Pass
NVNT	ac40	5230	Ant2	5460	-57.9	2	0.28	39.61	Average	54	Pass
NVNT	ac80	5210	Ant2	5350	-50.03	2	-	47.2	Peak	68.2	Pass
NVNT	ac80	5210	Ant2	5350	-57.58	2	0.55	40.2	Average	54	Pass
NVNT	ac80	5210	Ant2	5392.02	-46.14	2	-	51.09	Peak	68.2	Pass
NVNT	ac80	5210	Ant2	5389.38	-56.56	2	0.55	41.22	Average	54	Pass
NVNT	ac80	5210	Ant2	5460	-49.45	2	-	47.78	Peak	68.2	Pass
NVNT	ac80	5210	Ant2	5460	-57.41	2	0.55	40.37	Average	54	Pass
NVNT	ac80	5210	Ant2	4500	-51.71	2	-	45.52	Peak	68.2	Pass
NVNT	ac80	5210	Ant2	4500	-58.72	2	0.55	39.06	Average	54	Pass
NVNT	ac80	5210	Ant2	5149.38	-43.79	2	-	53.44	Peak	68.2	Pass
NVNT	ac80	5210	Ant2	5149.38	-53.33	2	0.55	44.45	Average	54	Pass
NVNT	ac80	5210	Ant2	5150	-44.23	2	-	53	Peak	68.2	Pass
NVNT	ac80	5210	Ant2	5150	-53.74	2	0.55	44.04	Average	54	Pass





MIMO

Condition	Mode	Frequency (MHz)	ANT1 Power (dBm)	ANT2 Power (dBm)	Gain (dBi)	Total E (dBuV/ m)	Detector	Limit (dBuV/m)	Verdict
NVNT	n20	5180	-49.94	-49.11	3.56	52.32	Peak	68.2	Pass
NVNT	n20	5180	-58.14	-58.51	3.56	43.51	Average	54	Pass
NVNT	n20	5180	-45.85	-44.41	3.56	56.76	Peak	68.2	Pass
NVNT	n20	5180	-54.92	-55.05	3.56	46.84	Average	54	Pass
NVNT	n20	5180	-46.85	-47.1	3.56	54.85	Peak	68.2	Pass
NVNT	n20	5180	-55.15	-55	3.56	46.75	Average	54	Pass
NVNT	n20	5240	-46.9	-49.39	3.56	53.86	Peak	68.2	Pass
NVNT	n20	5240	-57.66	-57.34	3.56	44.33	Average	54	Pass
NVNT	n20	5240	-45.67	-47.1	3.56	55.50	Peak	68.2	Pass
NVNT	n20	5240	-56.61	-56.64	3.56	45.20	Average	54	Pass
NVNT	n20	5240	-50.01	-49.89	3.56	51.88	Peak	68.2	Pass
NVNT	n20	5240	-57.96	-57.8	3.56	43.95	Average	54	Pass
NVNT	n40	5190	-50.76	-49.7	3.56	51.63	Peak	68.2	Pass
NVNT	n40	5190	-58.59	-58.28	3.56	43.40	Average	54	Pass
NVNT	n40	5190	-44.64	-44.54	3.56	57.24	Peak	68.2	Pass
NVNT	n40	5190	-54.36	-54.35	3.56	47.47	Average	54	Pass
NVNT	n40	5190	-44.64	-44.54	3.56	57.24	Peak	68.2	Pass
NVNT	n40	5190	-54.36	-54.88	3.56	47.22	Average	54	Pass
NVNT	n40	5230	-49.23	-48.83	3.56	52.80	Peak	68.2	Pass
NVNT	n40	5230	-57.39	-57.19	3.56	44.54	Average	54	Pass
NVNT	n40	5230	-46.13	-46.6	3.56	55.47	Peak	68.2	Pass
NVNT	n40	5230	-56.56	-56.56	3.56	45.27	Average	54	Pass
NVNT	n40	5230	-50.94	-49.74	3.56	51.53	Peak	68.2	Pass
NVNT	n40	5230	-57.14	-58.12	3.56	44.23	Average	54	Pass
NVNT	ac20	5180	-49.61	-50.53	3.56	51.78	Peak	68.2	Pass
NVNT	ac20	5180	-58.31	-58.54	3.56	43.40	Average	54	Pass
NVNT	ac20	5180	-45.03	-45.46	3.56	56.59	Peak	68.2	Pass
NVNT	ac20	5180	-54.75	-54.79	3.56	47.06	Average	54	Pass
NVNT	ac20	5180	-45.96	-45.2	3.56	56.26	Peak	68.2	Pass
NVNT	ac20	5180	-55.19	-55.23	3.56	46.62	Average	54	Pass
NVNT	ac20	5240	-50.15	-48.47	3.56	52.60	Peak	68.2	Pass
NVNT	ac20	5240	-57.57	-57.47	3.56	44.31	Average	54	Pass
NVNT	ac20	5240	-46.35	-46.46	3.56	55.42	Peak	68.2	Pass
NVNT	ac20	5240	-56.68	-56.6	3.56	45.19	Average	54	Pass
NVNT	ac20	5240	-50.08	-49.48	3.56	52.06	Peak	68.2	Pass
NVNT	ac20	5240	-57.98	-58.09	3.56	43.79	Average	54	Pass



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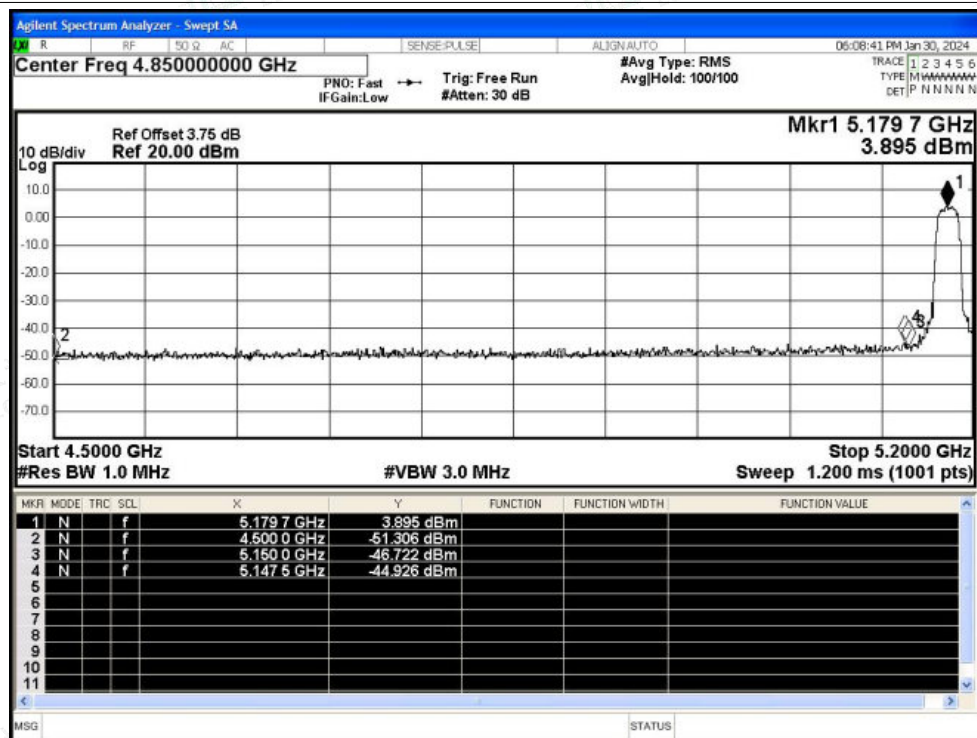
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NVNT	ac40	5190	-58.1	-58.18	3.56	43.69	Average	54	Pass
NVNT	ac40	5190	-44.79	-44.93	3.56	56.97	Peak	68.2	Pass
NVNT	ac40	5190	-54.77	-54.34	3.56	47.28	Average	54	Pass
NVNT	ac40	5190	-46.61	-45.82	3.56	55.63	Peak	68.2	Pass
NVNT	ac40	5190	-55.27	-54.34	3.56	47.05	Average	54	Pass
NVNT	ac40	5230	-49.29	-48.59	3.56	52.90	Peak	68.2	Pass
NVNT	ac40	5230	-57.26	-57.65	3.56	44.38	Average	54	Pass
NVNT	ac40	5230	-45.83	-46.47	3.56	55.69	Peak	68.2	Pass
NVNT	ac40	5230	-56.63	-56.65	3.56	45.19	Average	54	Pass
NVNT	ac40	5230	-49.44	-49.18	3.56	52.52	Peak	68.2	Pass
NVNT	ac40	5230	-57.58	-57.9	3.56	44.09	Average	54	Pass
NVNT	ac80	5210	-49.73	-50.03	3.56	51.95	Peak	68.2	Pass
NVNT	ac80	5210	-57.11	-57.58	3.56	44.49	Average	54	Pass
NVNT	ac80	5210	-46.92	-46.14	3.56	55.32	Peak	68.2	Pass
NVNT	ac80	5210	-56.58	-56.56	3.56	45.26	Average	54	Pass
NVNT	ac80	5210	-50.43	-49.45	3.56	51.92	Peak	68.2	Pass
NVNT	ac80	5210	-57.55	-57.41	3.56	44.35	Average	54	Pass
NVNT	ac80	5210	-49.99	-51.71	3.56	51.06	Peak	68.2	Pass
NVNT	ac80	5210	-58.53	-58.72	3.56	43.20	Average	54	Pass
NVNT	ac80	5210	-43.62	-43.79	3.56	58.12	Peak	68.2	Pass
NVNT	ac80	5210	-53.56	-53.33	3.56	48.38	Average	54	Pass
NVNT	ac80	5210	-44.83	-44.23	3.56	57.31	Peak	68.2	Pass
NVNT	ac80	5210	-53.75	-53.74	3.56	48.08	Average	54	Pass



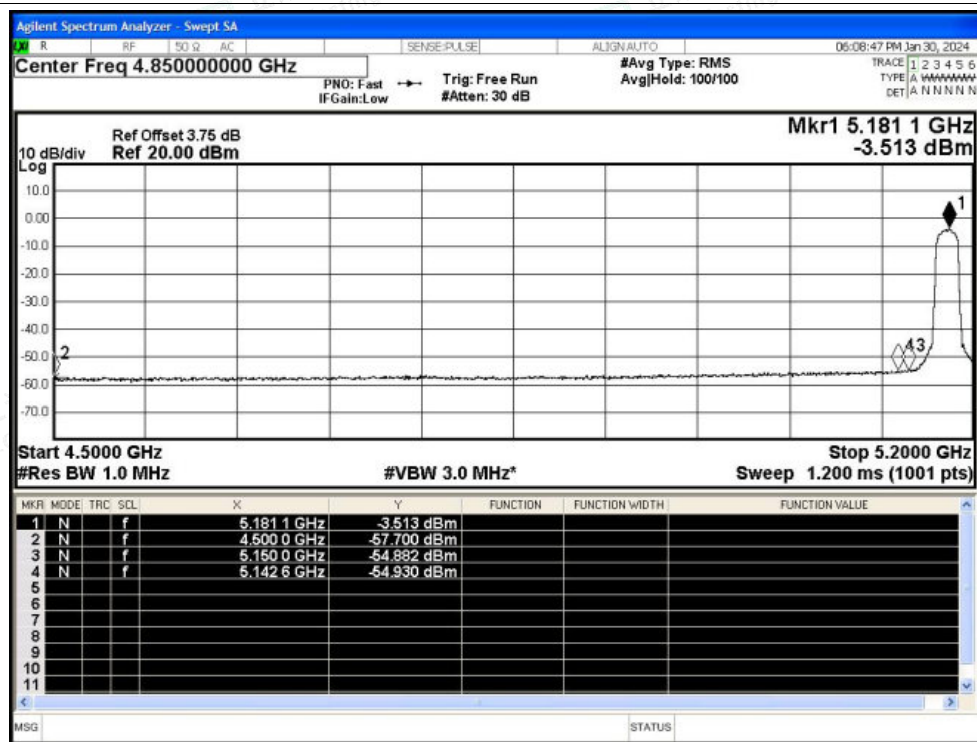


Test Graphs

Restrict Band NVNT a 5180MHz Ant1 Peak



Restrict Band NVNT a 5180MHz Ant1 Average



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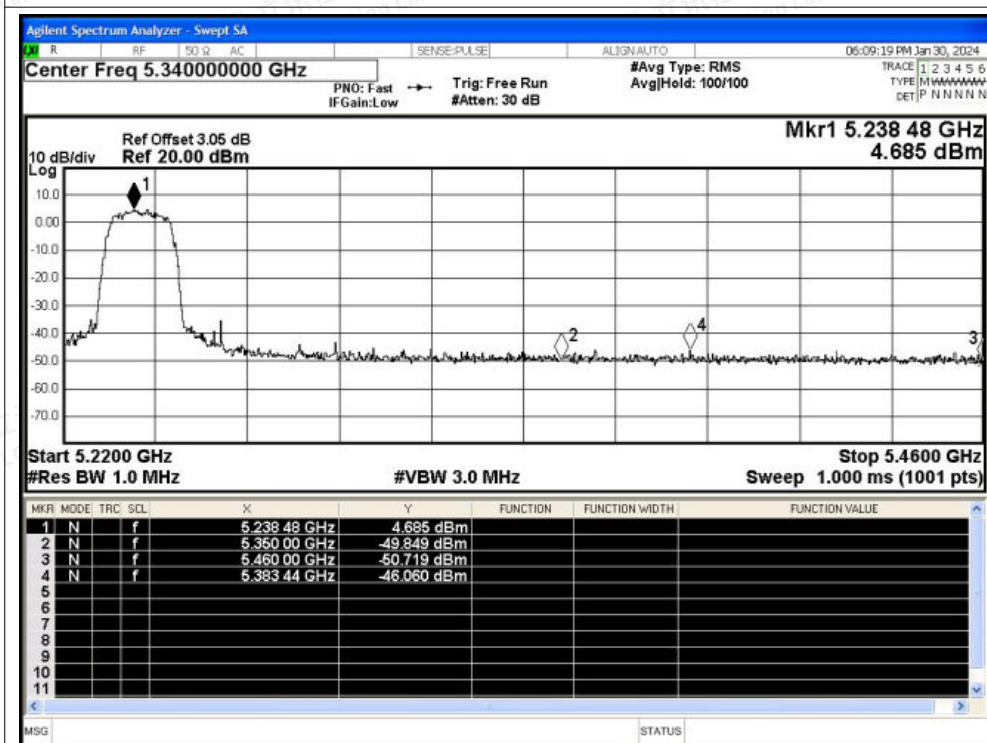
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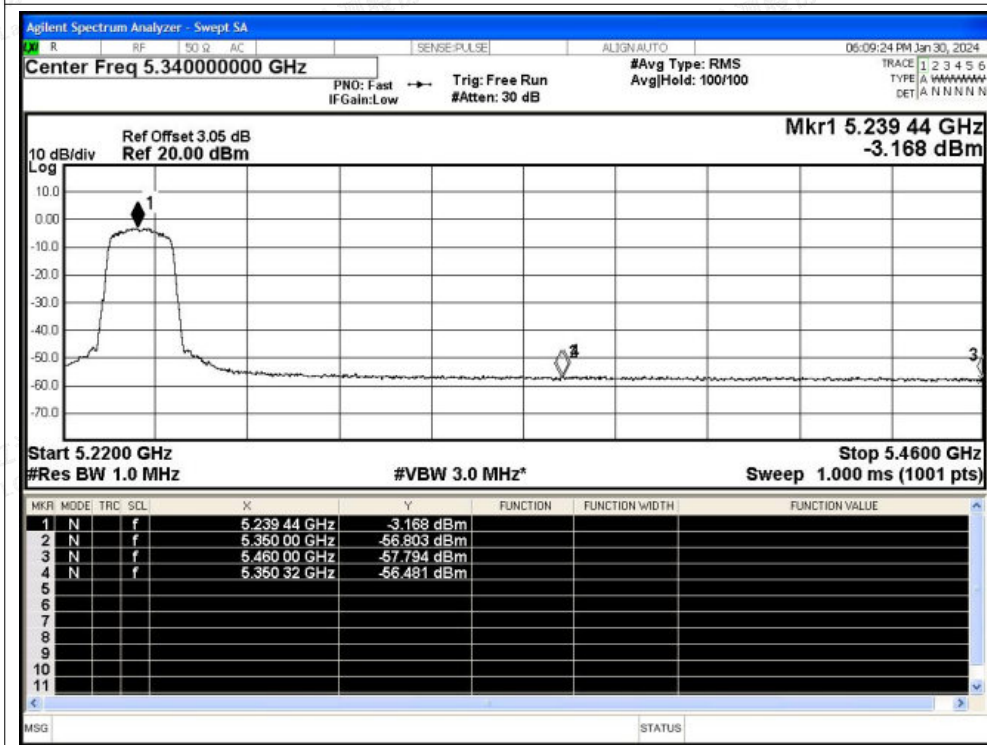
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Restrict Band NVNT a 5240MHz Ant1 Peak



Restrict Band NVNT a 5240MHz Ant1 Average



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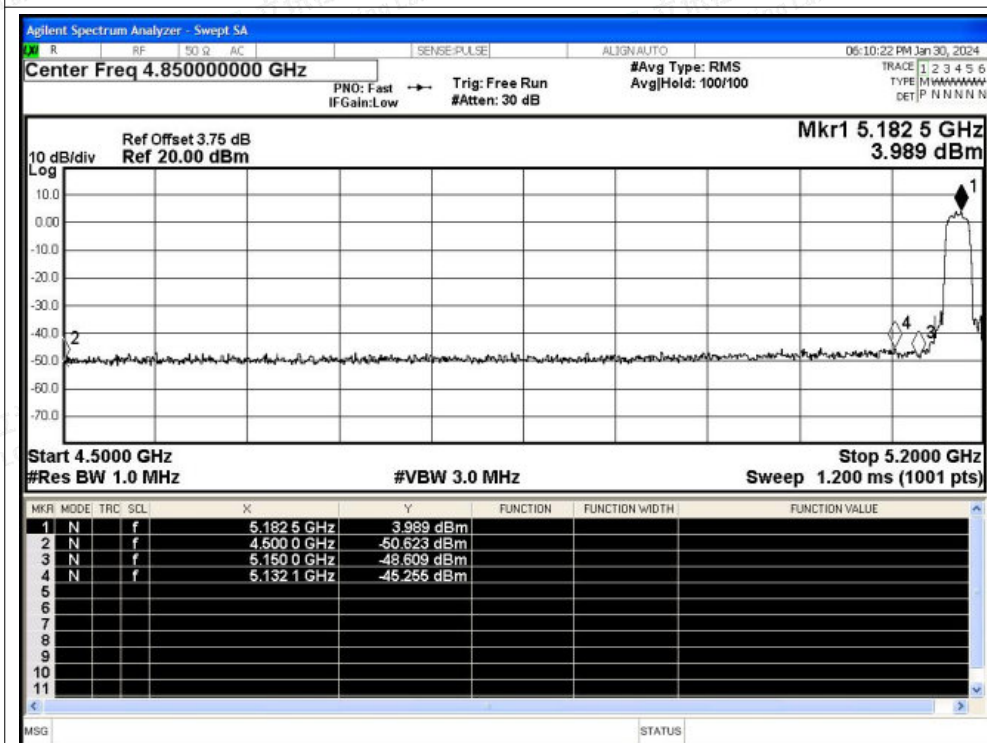
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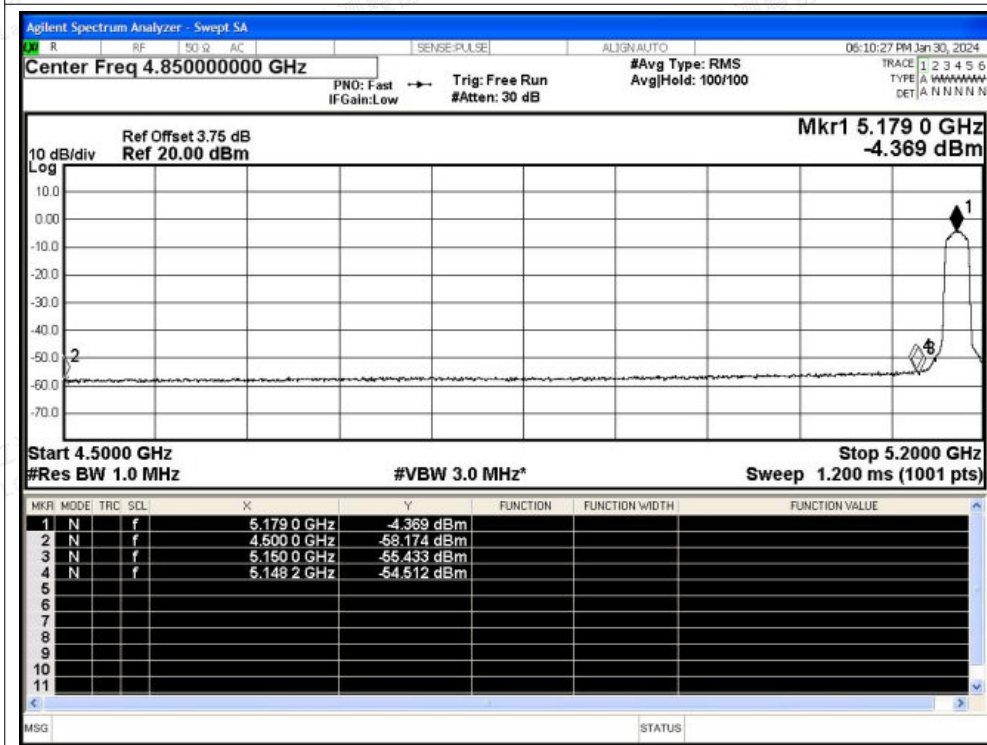
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Restrict Band NVNT n20 5180MHz Ant1 Peak



Restrict Band NVNT n20 5180MHz Ant1 Average



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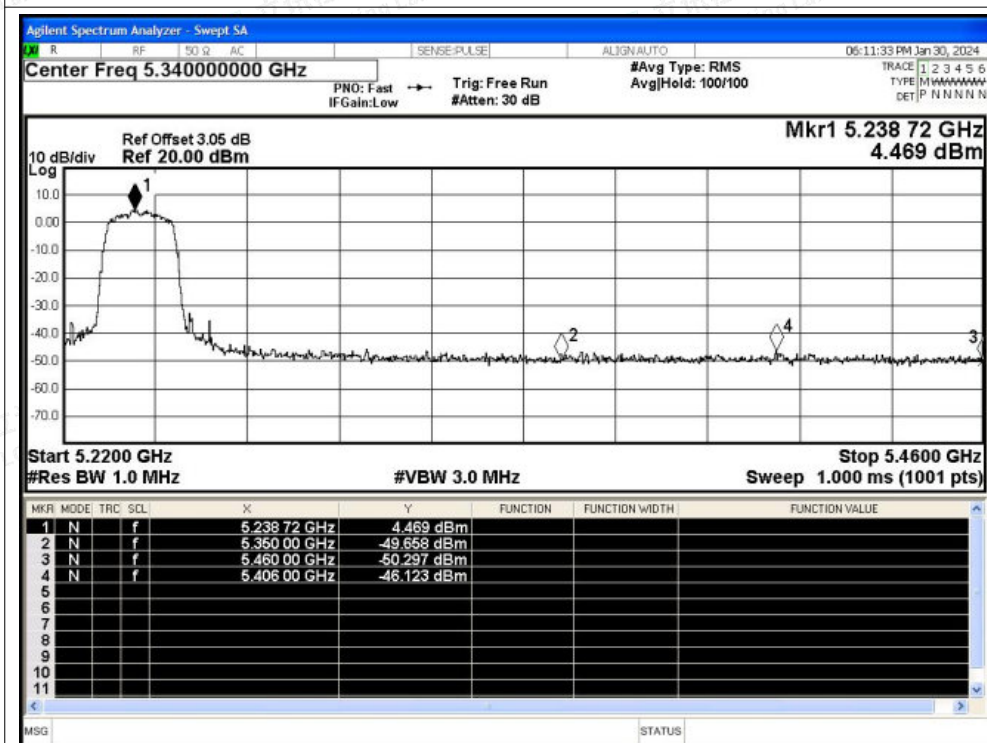
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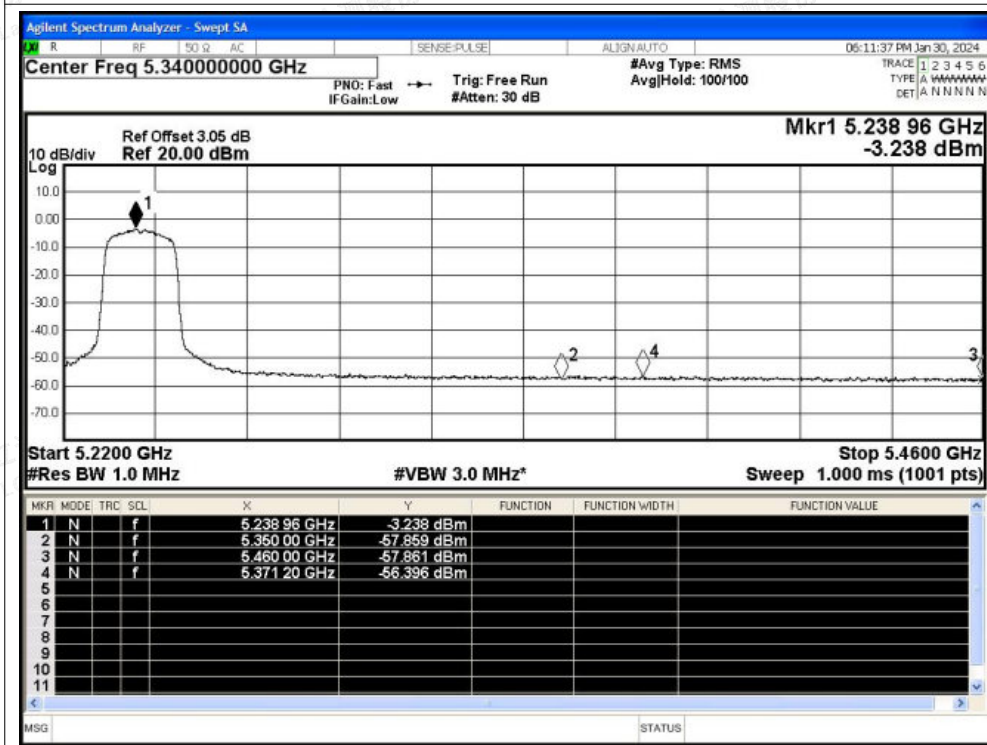
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Restrict Band NVNT n20 5240MHz Ant1 Peak



Restrict Band NVNT n20 5240MHz Ant1 Average



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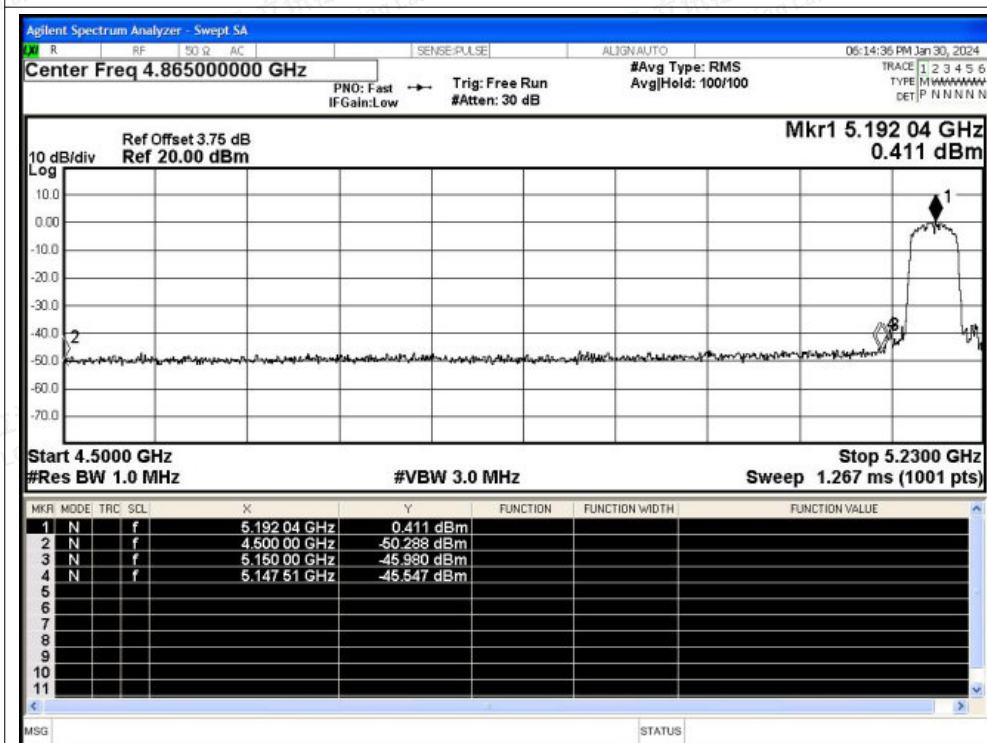
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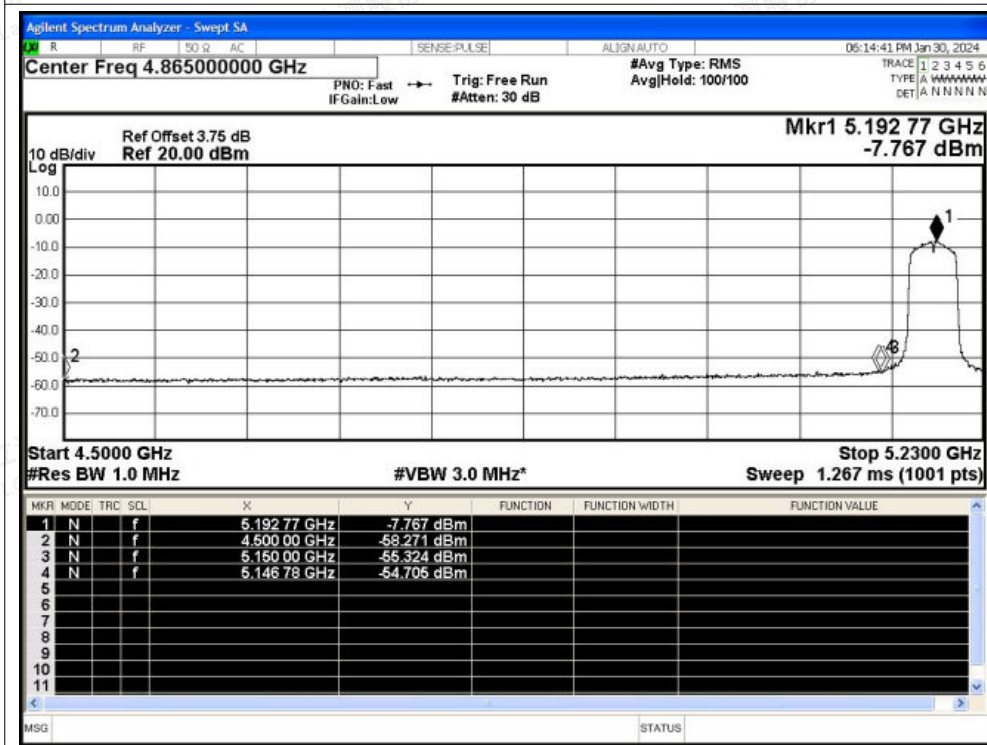
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Restrict Band NVNT n40 5190MHz Ant1 Peak



Restrict Band NVNT n40 5190MHz Ant1 Average



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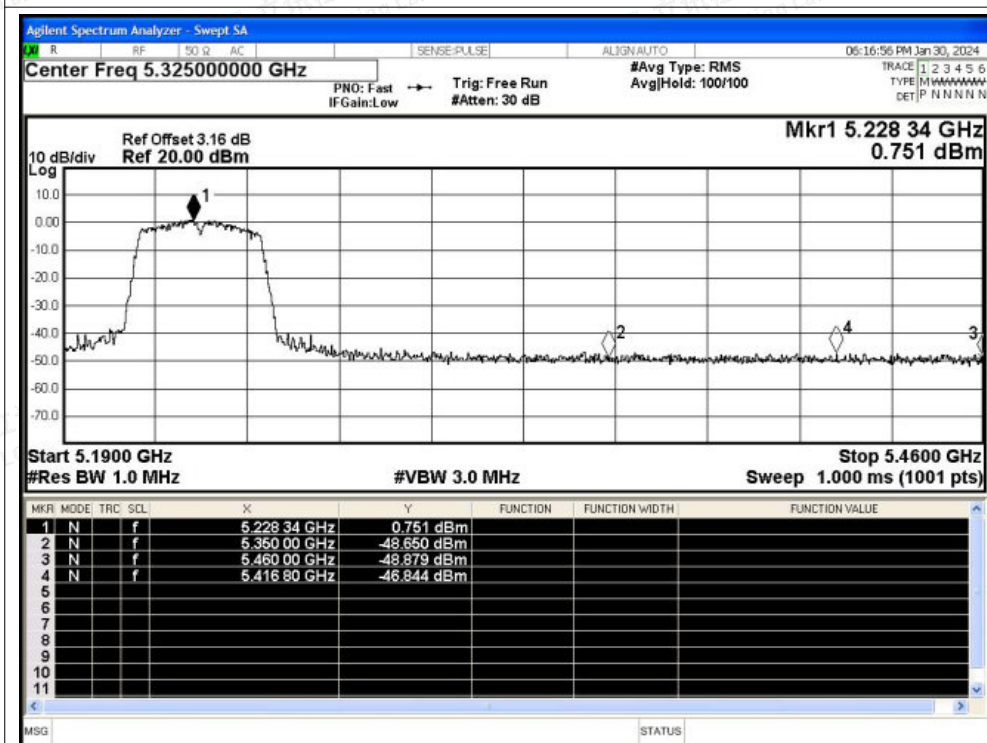
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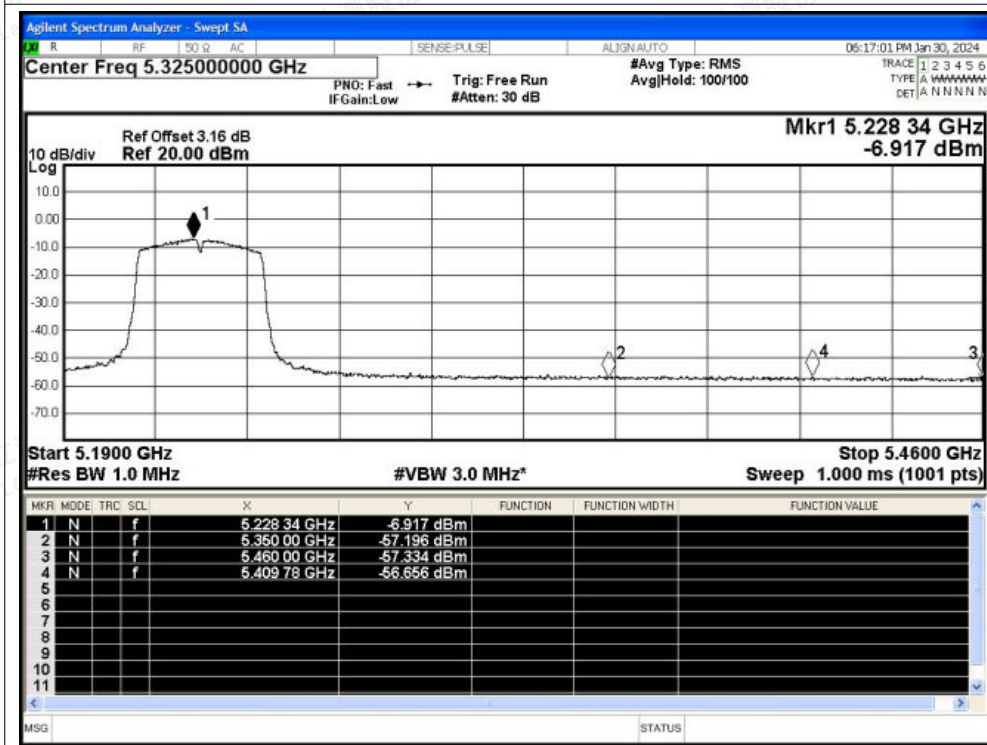
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Restrict Band NVNT n40 5230MHz Ant1 Peak



Restrict Band NVNT n40 5230MHz Ant1 Average



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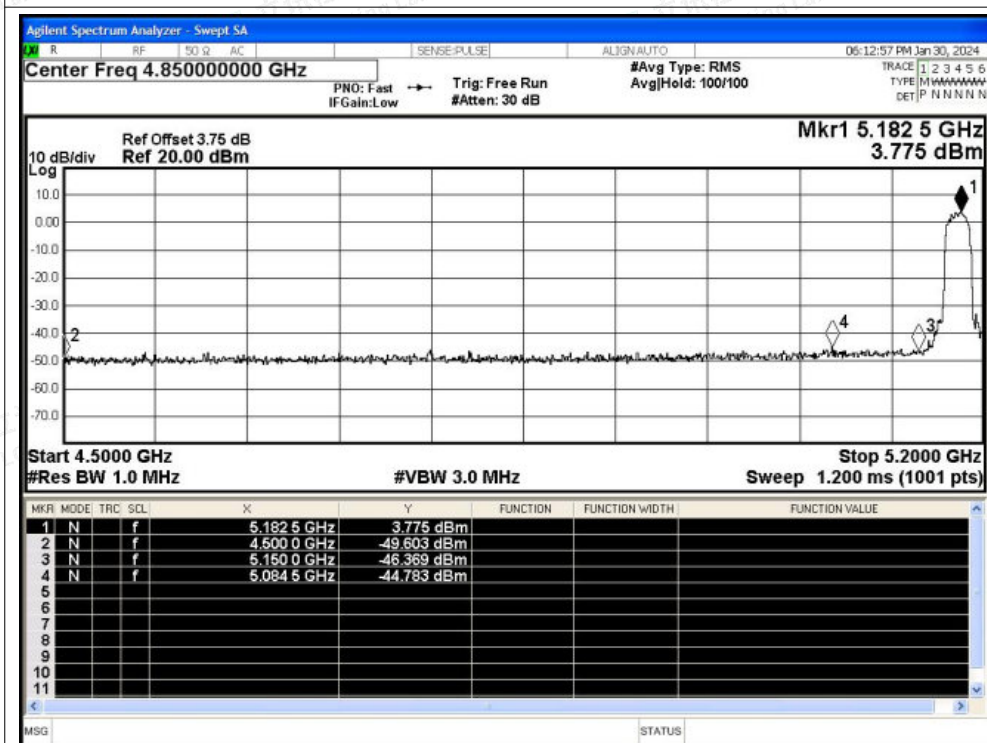
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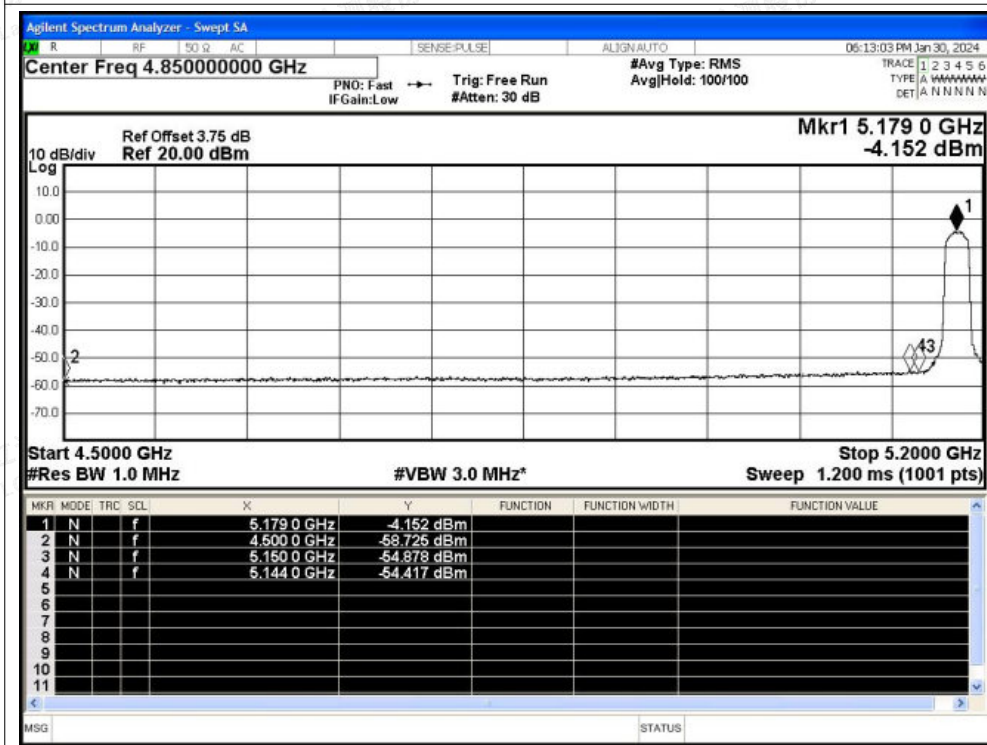
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Restrict Band NVNT ac20 5180MHz Ant1 Peak



Restrict Band NVNT ac20 5180MHz Ant1 Average



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