



Appendix F

RF Test Data for 5.5GWIFI(Conducted Measurement)

Product Name: Smart Feature Phone

Test Model: E3 Pro

Environmental Conditions

Temperature:	24.8° C
Relative Humidity:	53.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Jerry Chu
Supervised by:	Can Kun



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F.1 -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5500	Ant1	29.24
NVNT	a	5580	Ant1	29.25
NVNT	a	5700	Ant1	29.48
NVNT	n20	5500	Ant1	28.95
NVNT	n20	5580	Ant1	29.78
NVNT	n20	5700	Ant1	29.76
NVNT	n40	5510	Ant1	51.23
NVNT	n40	5550	Ant1	53.93
NVNT	n40	5670	Ant1	50.75
NVNT	ac20	5500	Ant1	29.54
NVNT	ac20	5580	Ant1	29.74
NVNT	ac20	5700	Ant1	29.63
NVNT	ac40	5510	Ant1	49.95
NVNT	ac40	5550	Ant1	45.89
NVNT	ac40	5670	Ant1	48.72
NVNT	ac80	5530	Ant1	85.86
NVNT	ac80	5610	Ant1	86.58

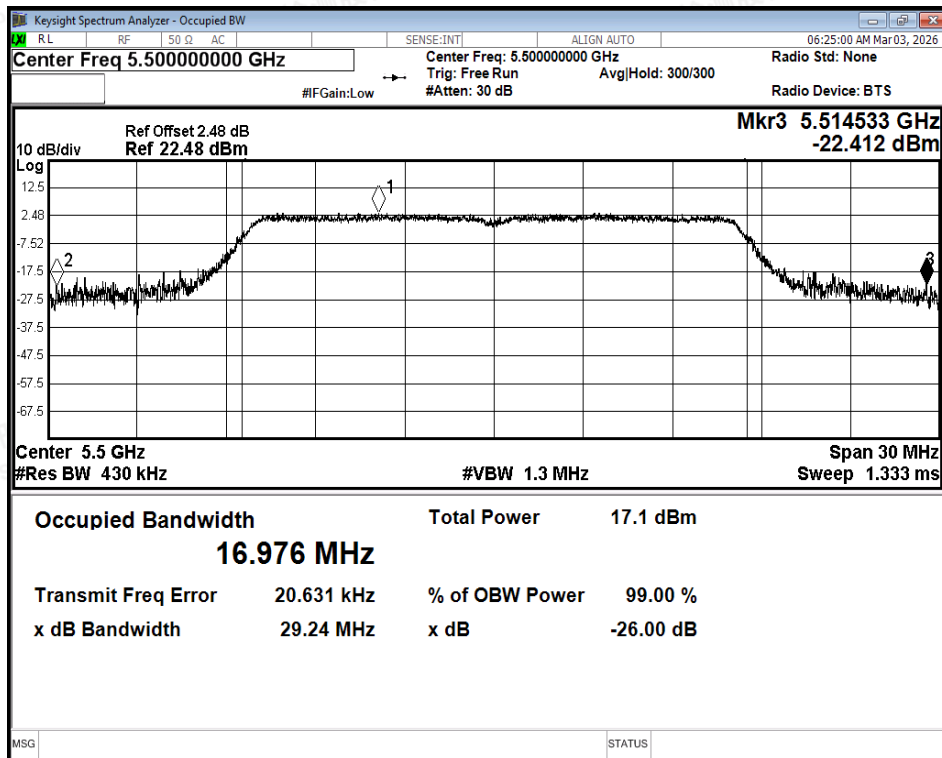


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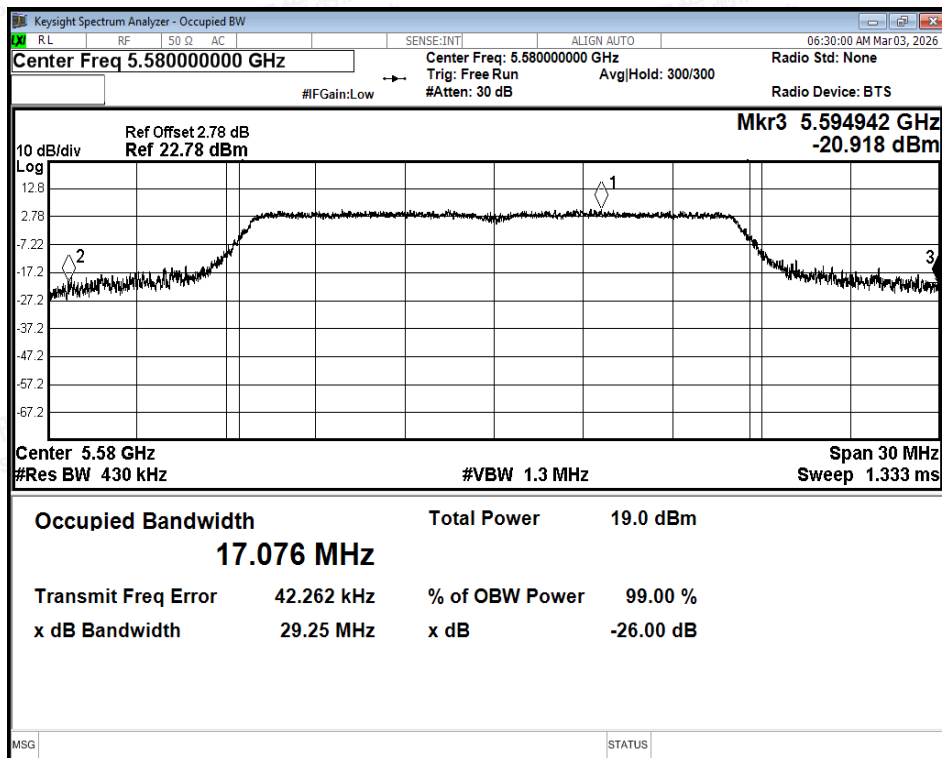
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-26dB Bandwidth NVNT a 5500MHz Ant1



-26dB Bandwidth NVNT a 5580MHz Ant1

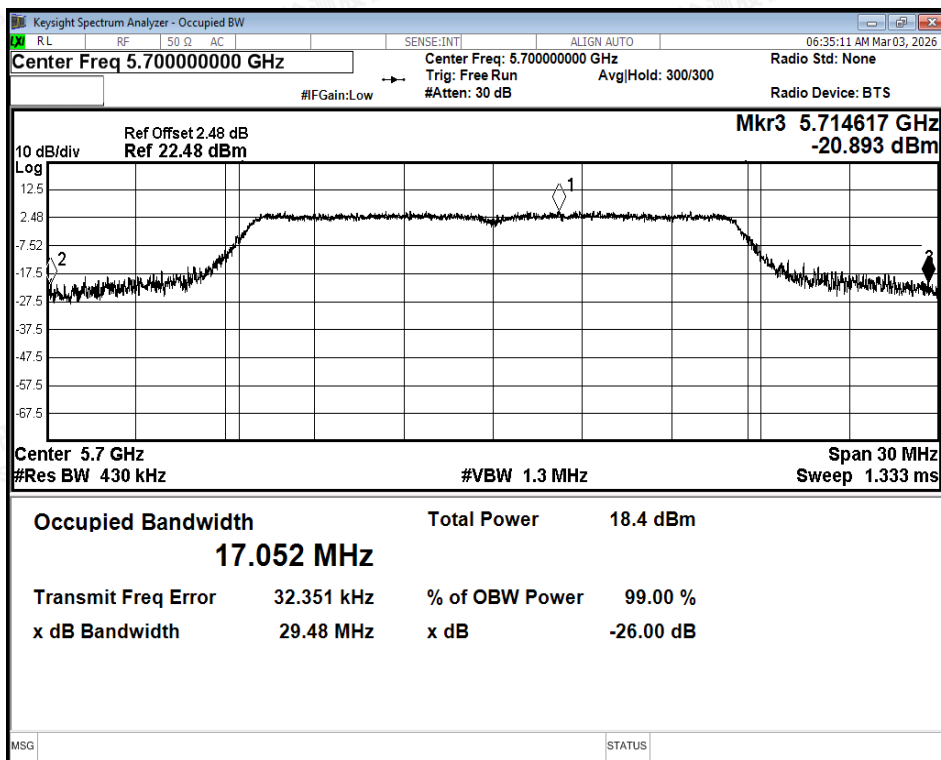


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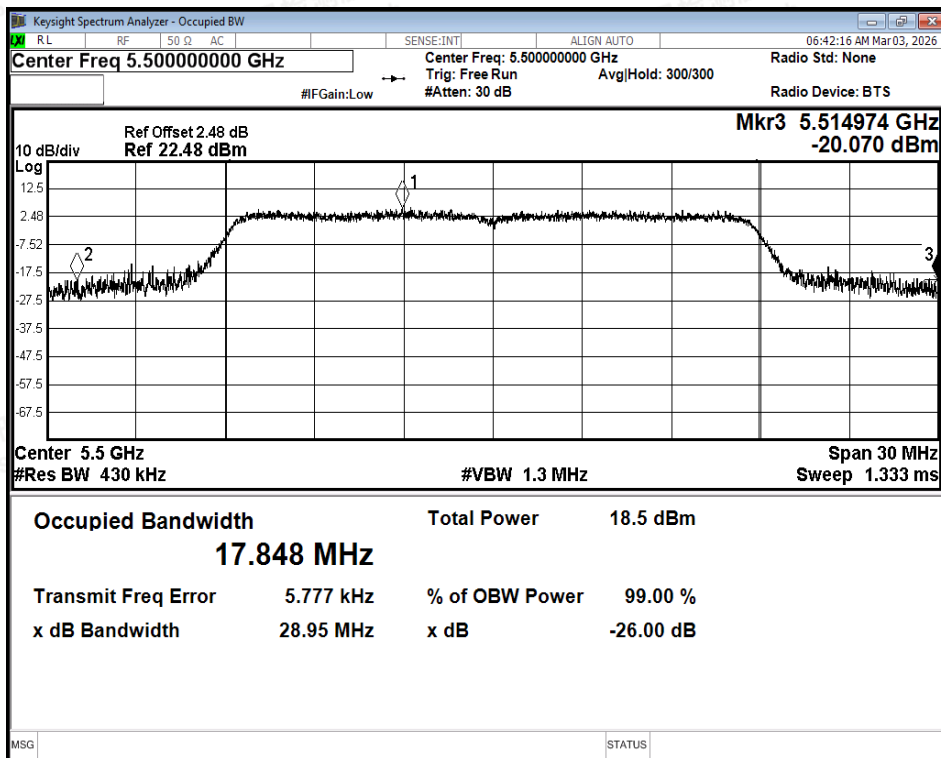
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-26dB Bandwidth NVNT a 5700MHz Ant1



-26dB Bandwidth NVNT n20 5500MHz Ant1

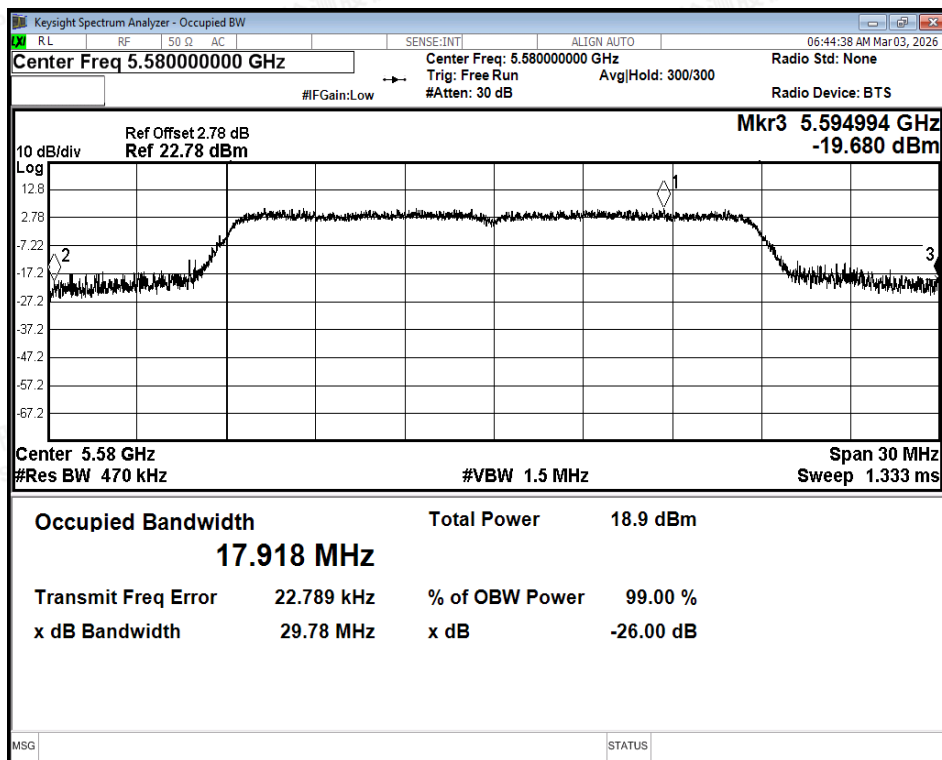


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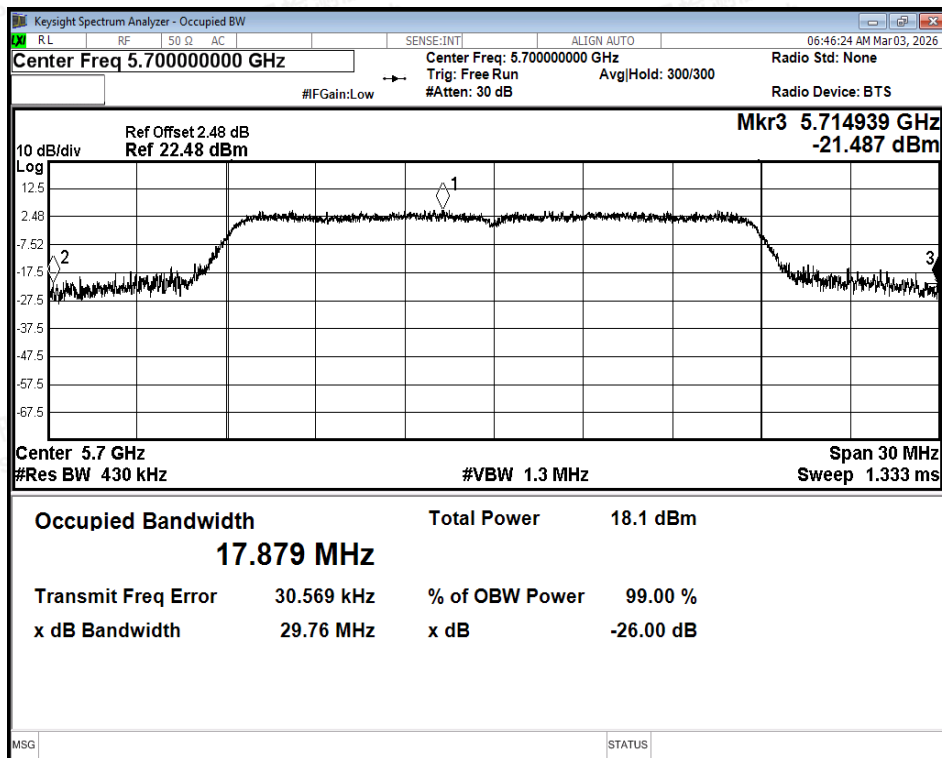
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-26dB Bandwidth NVNT n20 5580MHz Ant1



-26dB Bandwidth NVNT n20 5700MHz Ant1

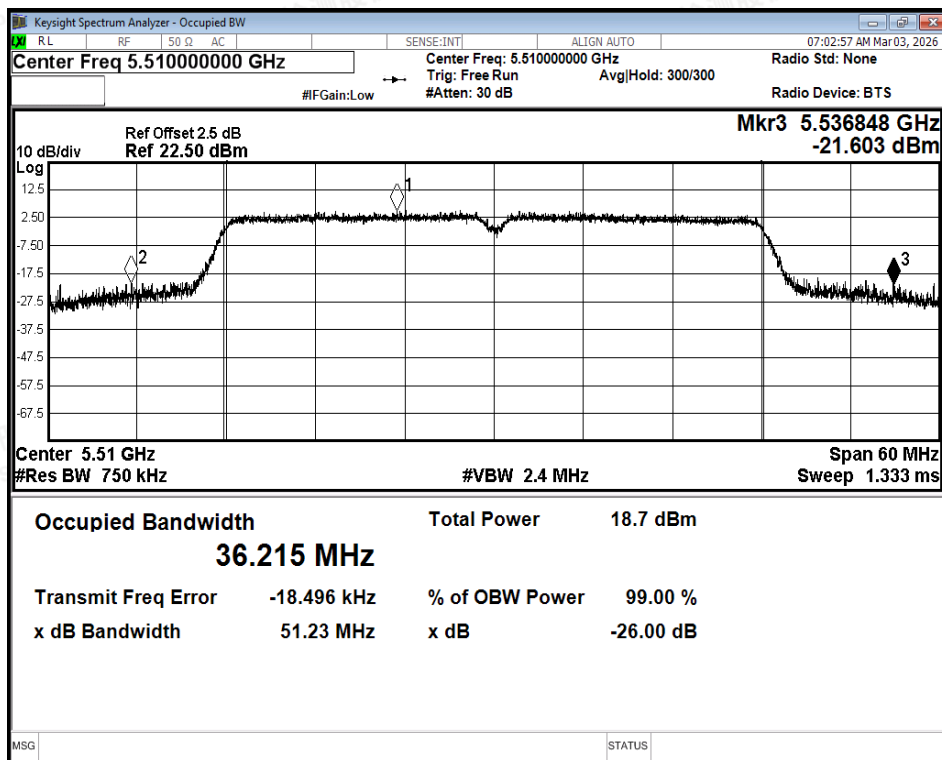


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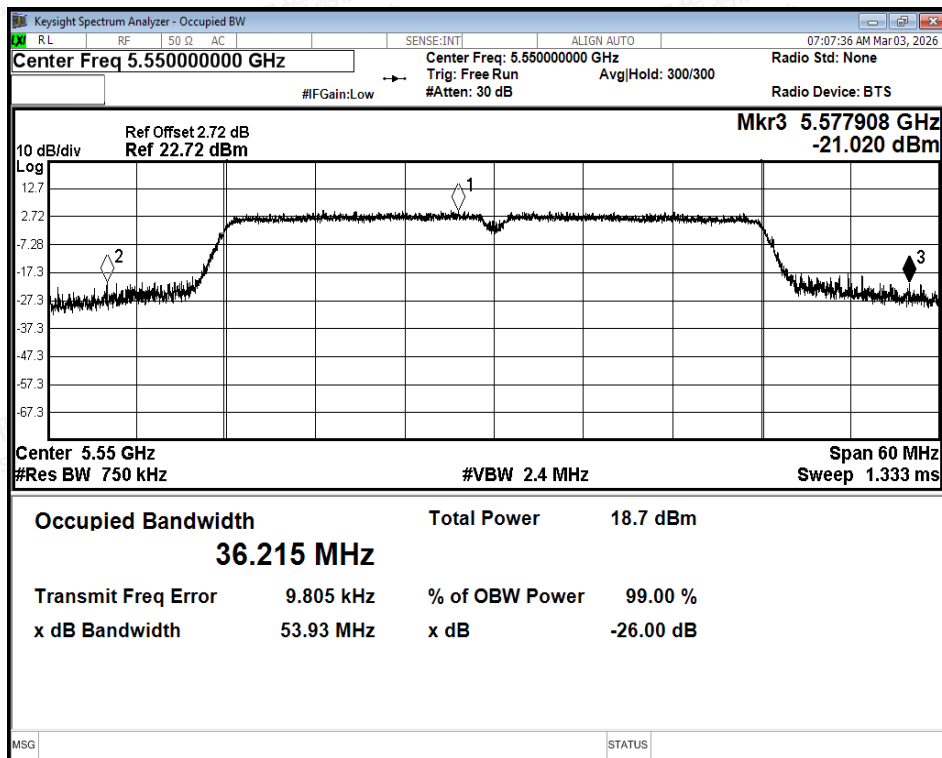
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-26dB Bandwidth NVNT n40 5510MHz Ant1



-26dB Bandwidth NVNT n40 5550MHz Ant1

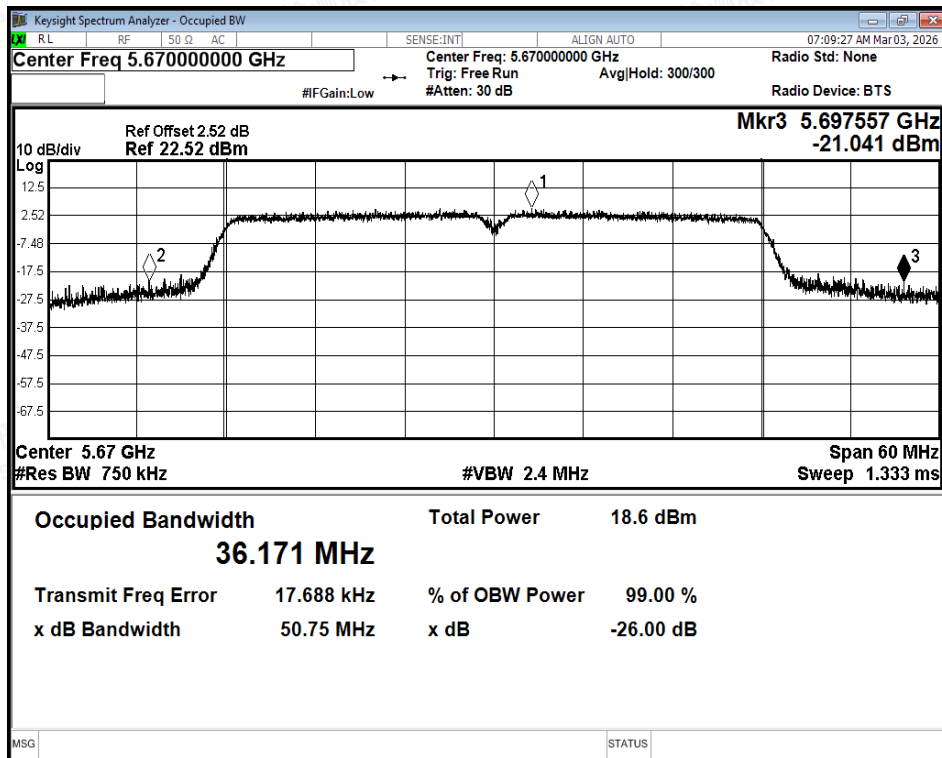


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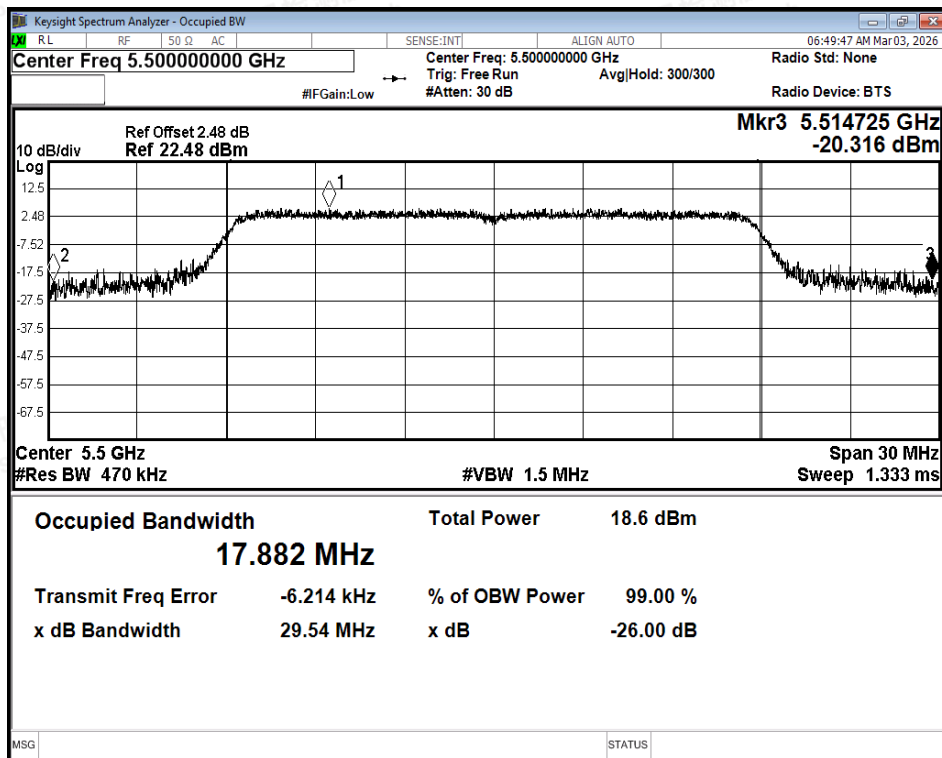
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-26dB Bandwidth NVNT n40 5670MHz Ant1



-26dB Bandwidth NVNT ac20 5500MHz Ant1

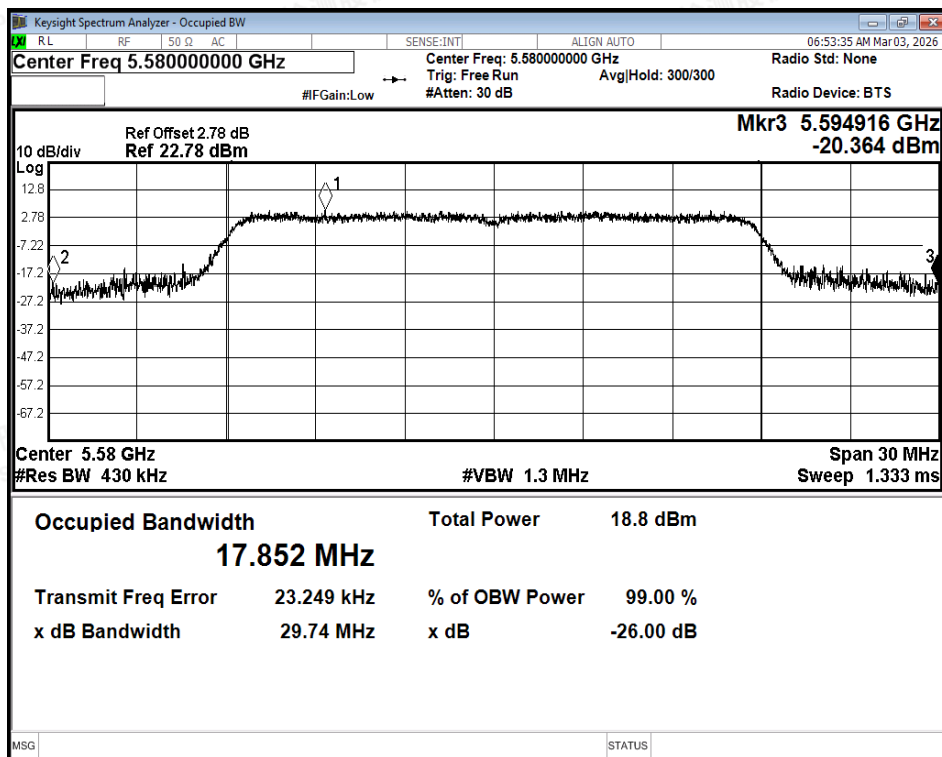


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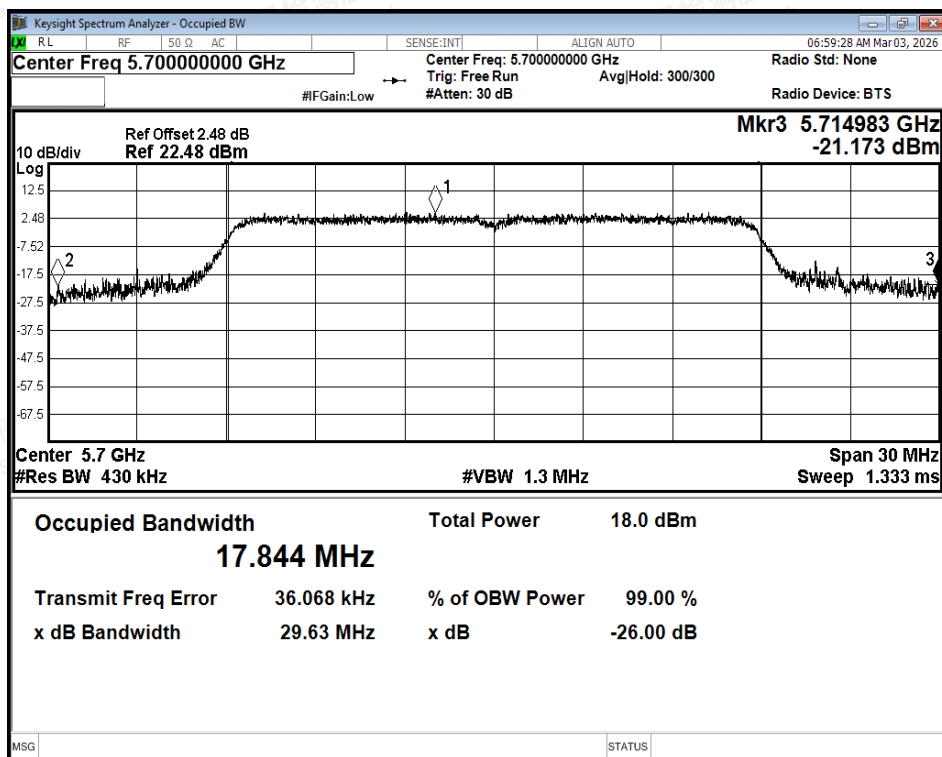
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-26dB Bandwidth NVNT ac20 5580MHz Ant1



-26dB Bandwidth NVNT ac20 5700MHz Ant1

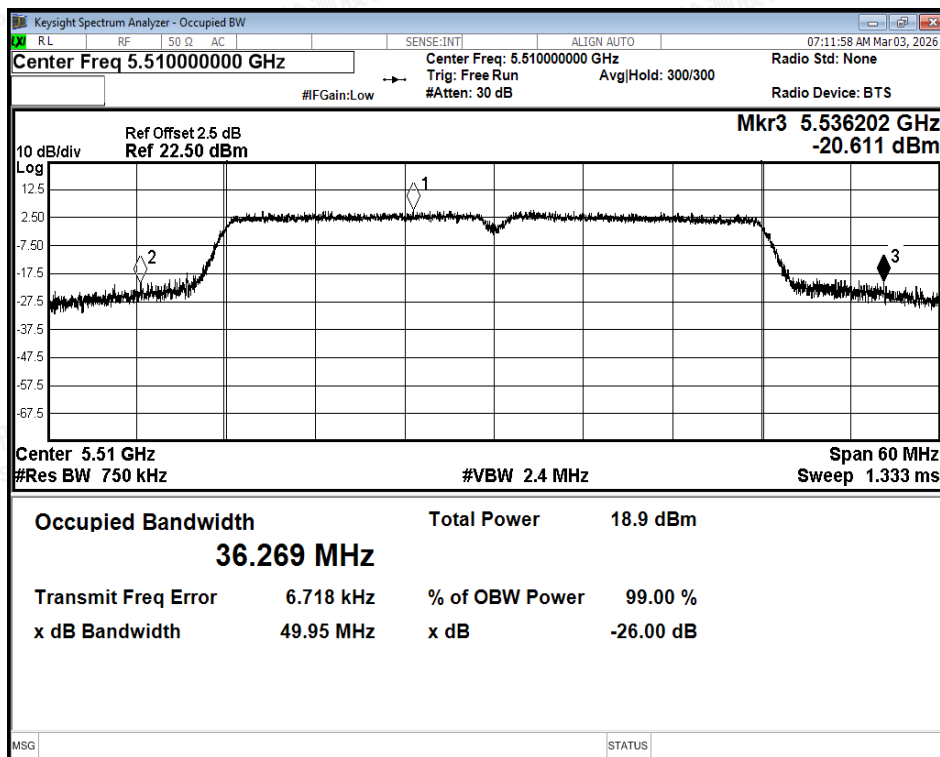


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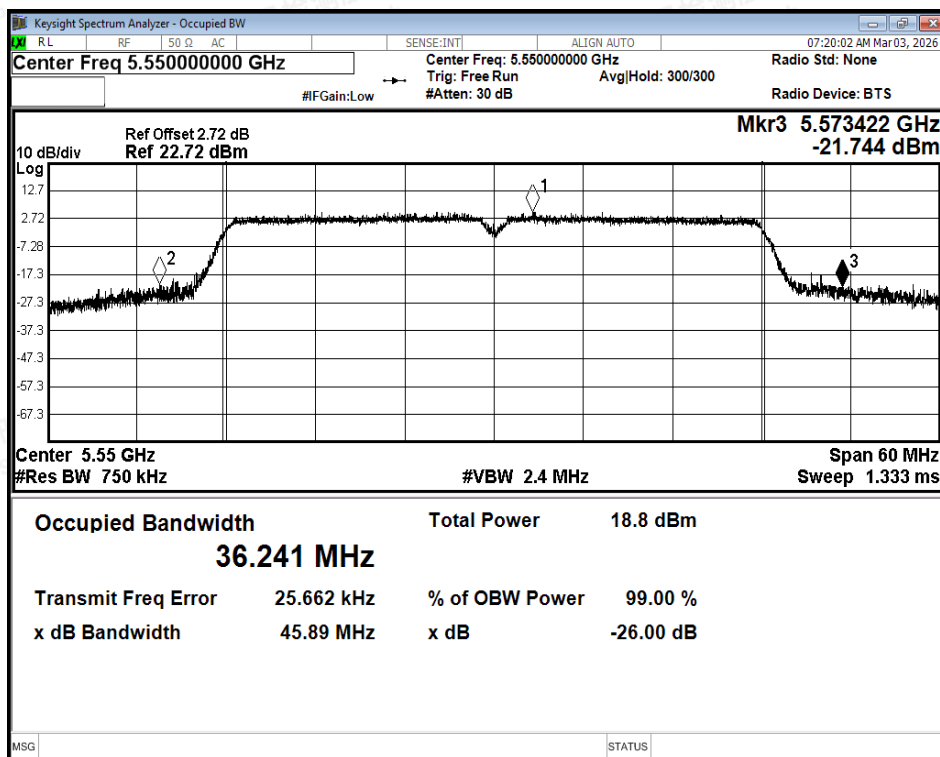
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-26dB Bandwidth NVNT ac40 5510MHz Ant1



-26dB Bandwidth NVNT ac40 5550MHz Ant1

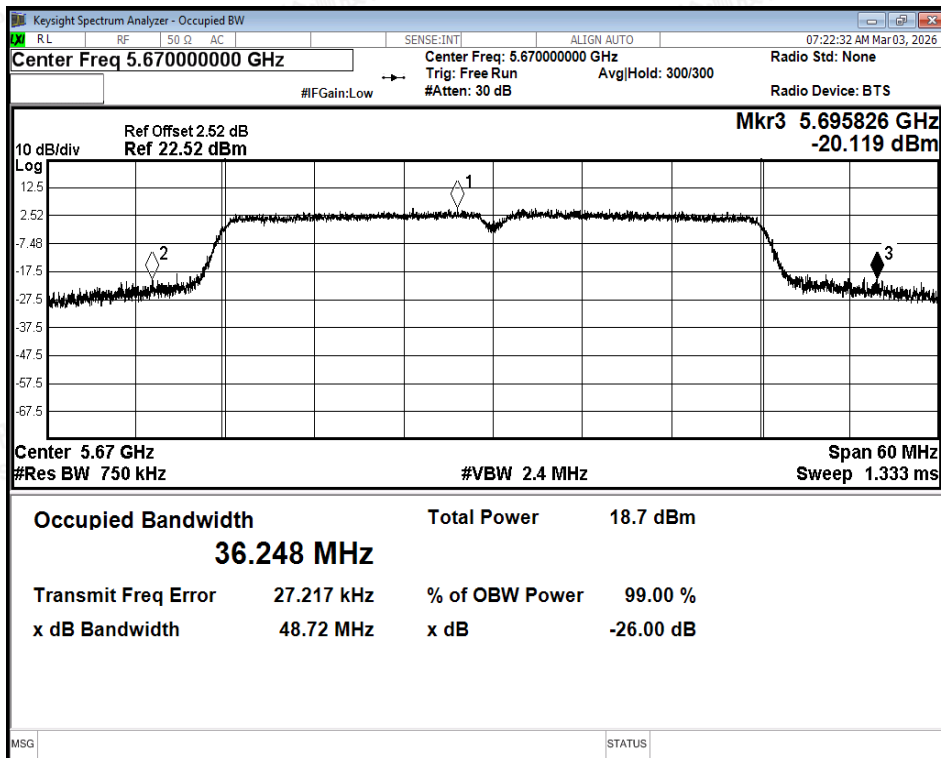


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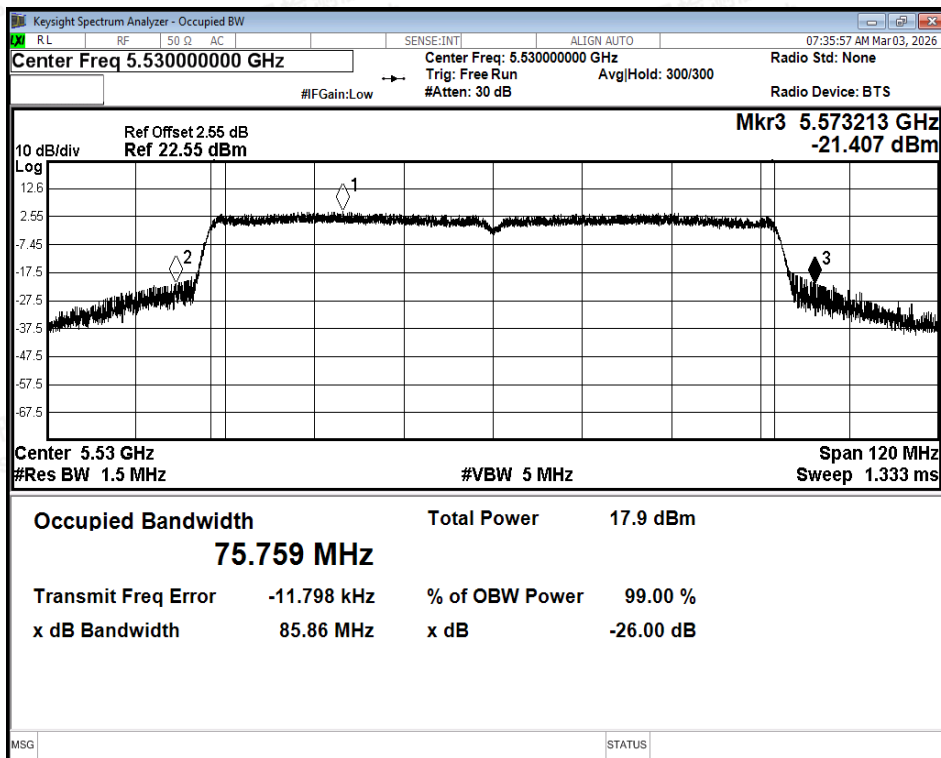
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-26dB Bandwidth NVNT ac40 5670MHz Ant1



-26dB Bandwidth NVNT ac80 5530MHz Ant1

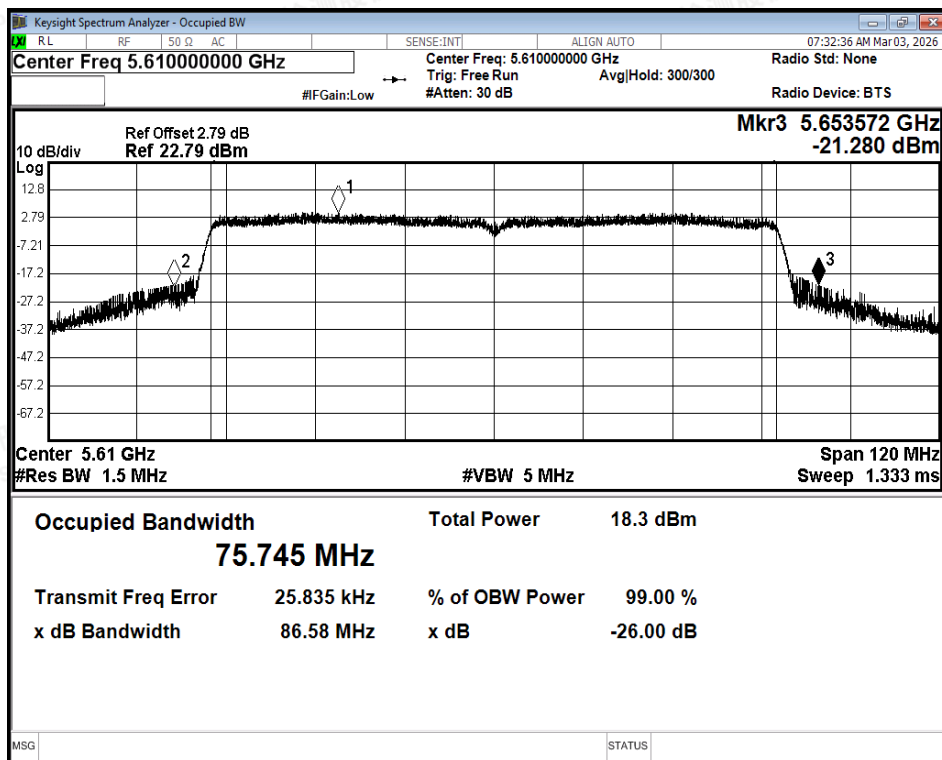


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-26dB Bandwidth NVNT ac80 5610MHz Ant1



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F.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
NVNT	a	5500	Ant1	12.56	0.11	12.67	24	Pass
NVNT	a	5580	Ant1	12.74	0.1	12.84	24	Pass
NVNT	a	5700	Ant1	12.13	0.1	12.23	24	Pass
NVNT	n20	5500	Ant1	11.92	0.13	12.05	24	Pass
NVNT	n20	5580	Ant1	12.2	0.13	12.33	24	Pass
NVNT	n20	5700	Ant1	11.53	0.13	11.66	24	Pass
NVNT	n40	5510	Ant1	11.62	0.27	11.89	24	Pass
NVNT	n40	5550	Ant1	11.6	0.23	11.83	24	Pass
NVNT	n40	5670	Ant1	11.5	0.27	11.77	24	Pass
NVNT	ac20	5500	Ant1	11.95	0.11	12.06	24	Pass
NVNT	ac20	5580	Ant1	12.14	0.11	12.25	24	Pass
NVNT	ac20	5700	Ant1	11.38	0.13	11.51	24	Pass
NVNT	ac40	5510	Ant1	11.81	0.23	12.04	24	Pass
NVNT	ac40	5550	Ant1	11.71	0.23	11.94	24	Pass
NVNT	ac40	5670	Ant1	11.6	0.27	11.87	24	Pass
NVNT	ac80	5530	Ant1	10.02	0.54	10.56	24	Pass
NVNT	ac80	5610	Ant1	10.68	0.46	11.14	24	Pass



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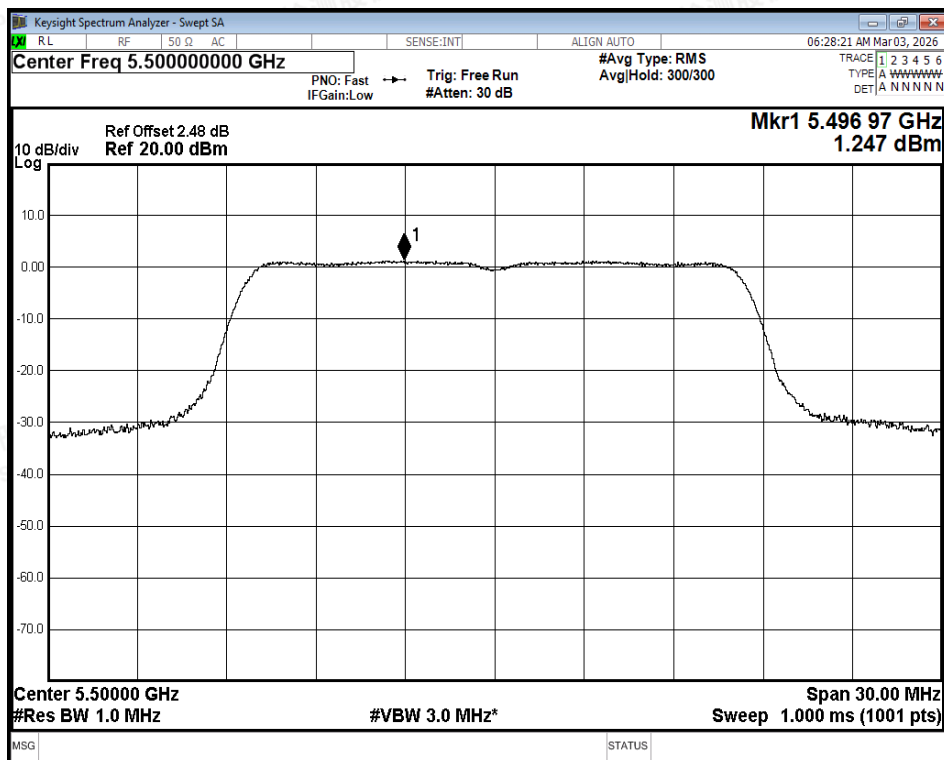
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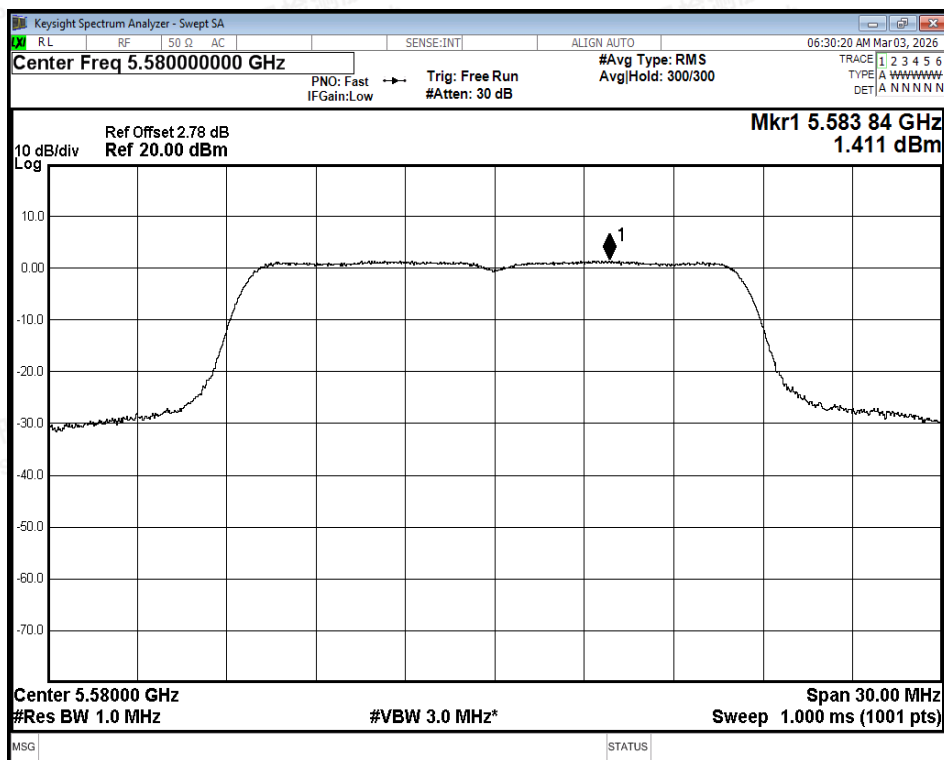
F.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5500	Ant1	1.25	0.11	1.36	11	Pass
NVNT	a	5580	Ant1	1.41	0.1	1.51	11	Pass
NVNT	a	5700	Ant1	0.84	0.1	0.94	11	Pass
NVNT	n20	5500	Ant1	0.43	0.13	0.56	11	Pass
NVNT	n20	5580	Ant1	0.66	0.13	0.79	11	Pass
NVNT	n20	5700	Ant1	0.12	0.13	0.25	11	Pass
NVNT	n40	5510	Ant1	-2.87	0.27	-2.6	11	Pass
NVNT	n40	5550	Ant1	-2.83	0.23	-2.6	11	Pass
NVNT	n40	5670	Ant1	-2.79	0.27	-2.52	11	Pass
NVNT	ac20	5500	Ant1	0.48	0.11	0.59	11	Pass
NVNT	ac20	5580	Ant1	0.66	0.11	0.77	11	Pass
NVNT	ac20	5700	Ant1	-0.13	0.13	0	11	Pass
NVNT	ac40	5510	Ant1	-2.56	0.23	-2.33	11	Pass
NVNT	ac40	5550	Ant1	-2.84	0.23	-2.61	11	Pass
NVNT	ac40	5670	Ant1	-2.79	0.27	-2.52	11	Pass
NVNT	ac80	5530	Ant1	-7.32	0.54	-6.78	11	Pass
NVNT	ac80	5610	Ant1	-6.92	0.46	-6.46	11	Pass





PSD NVNT a 5500MHz Ant1



PSD NVNT a 5580MHz Ant1

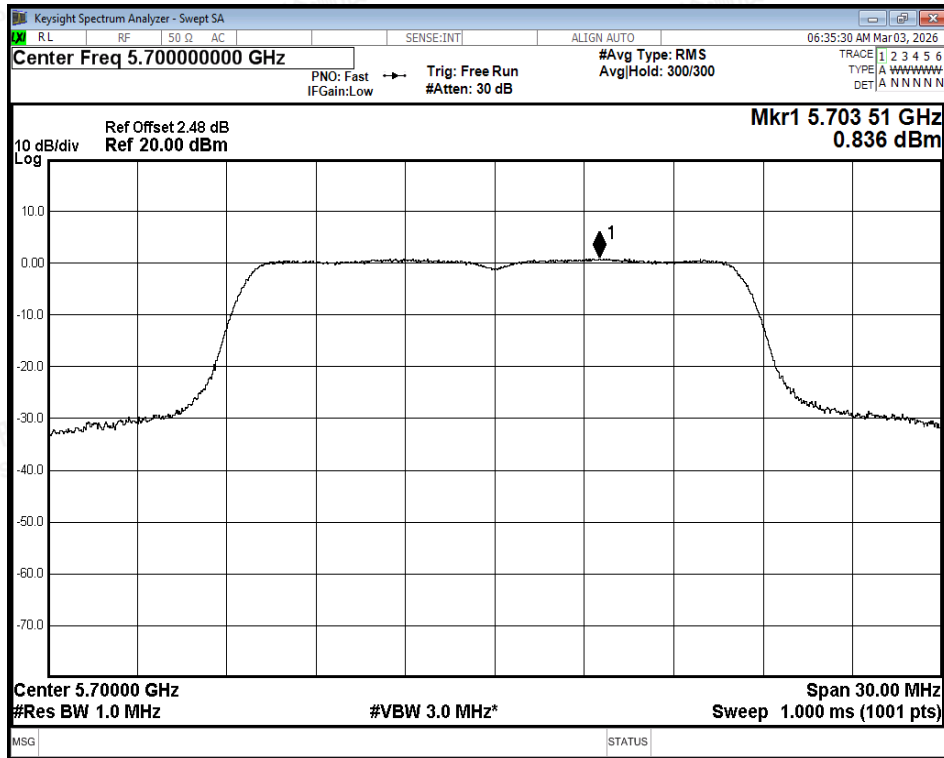


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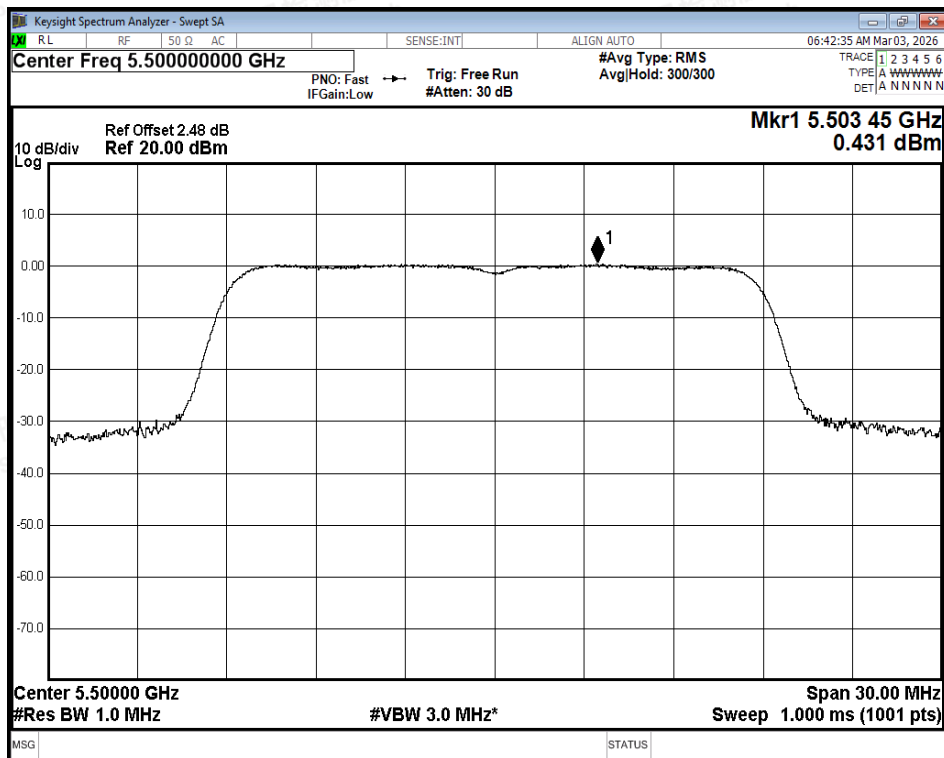
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PSD NVNT a 5700MHz Ant1



PSD NVNT n20 5500MHz Ant1

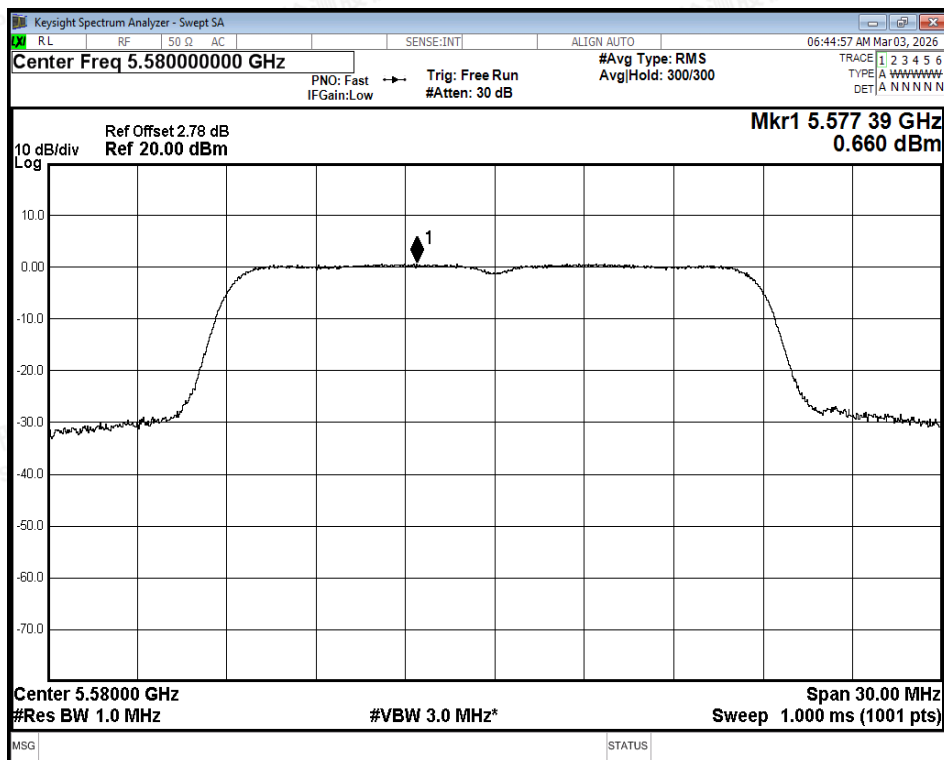


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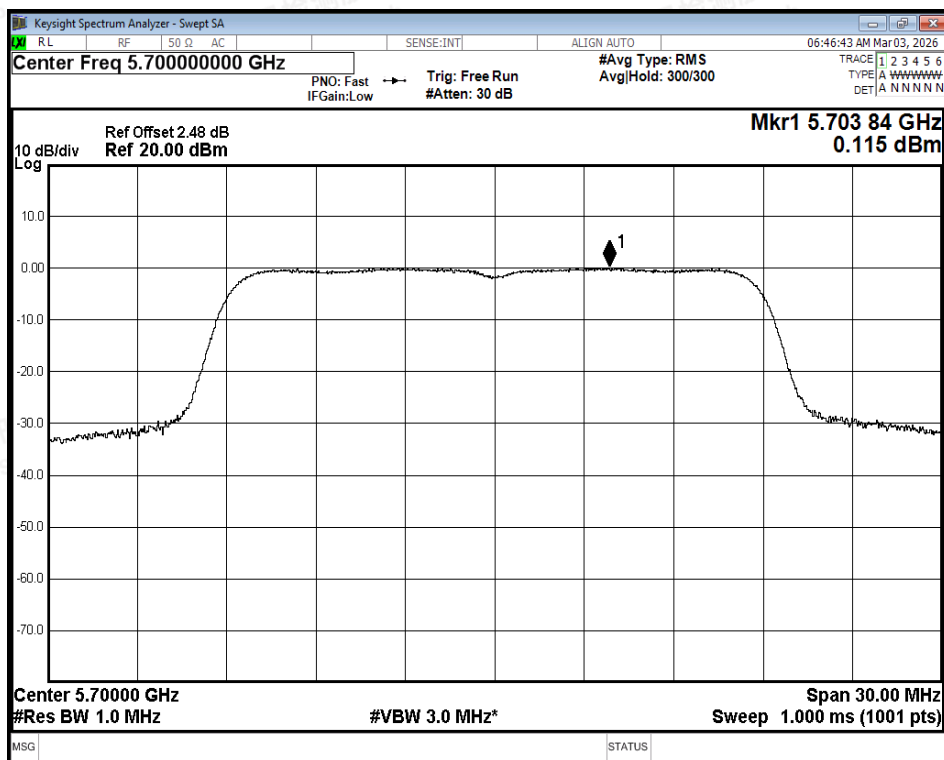
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PSD NVNT n20 5580MHz Ant1



PSD NVNT n20 5700MHz Ant1

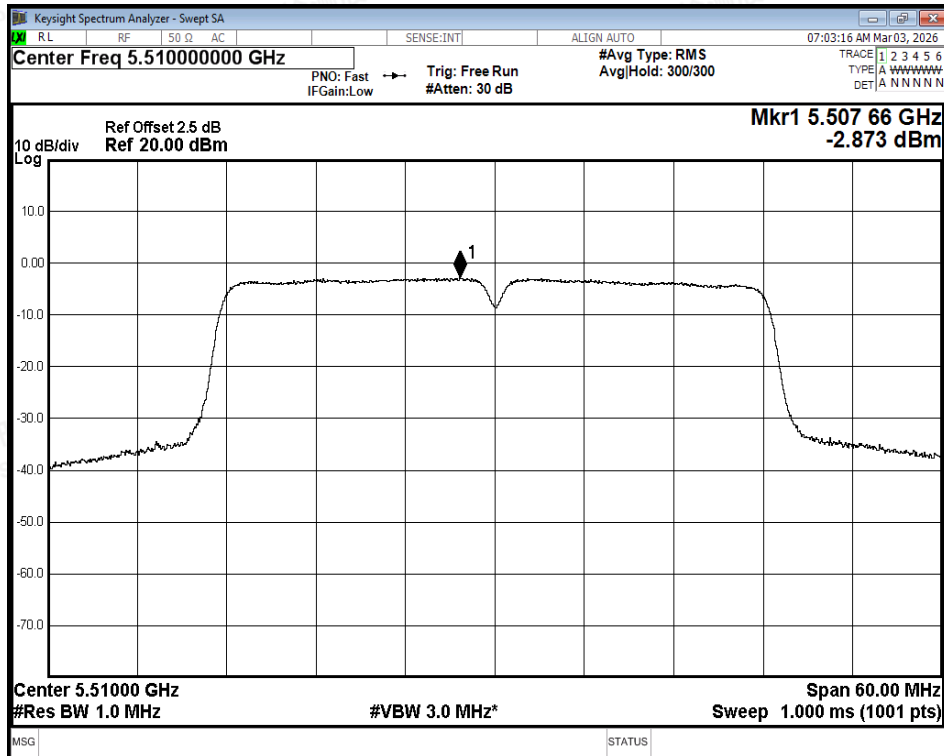


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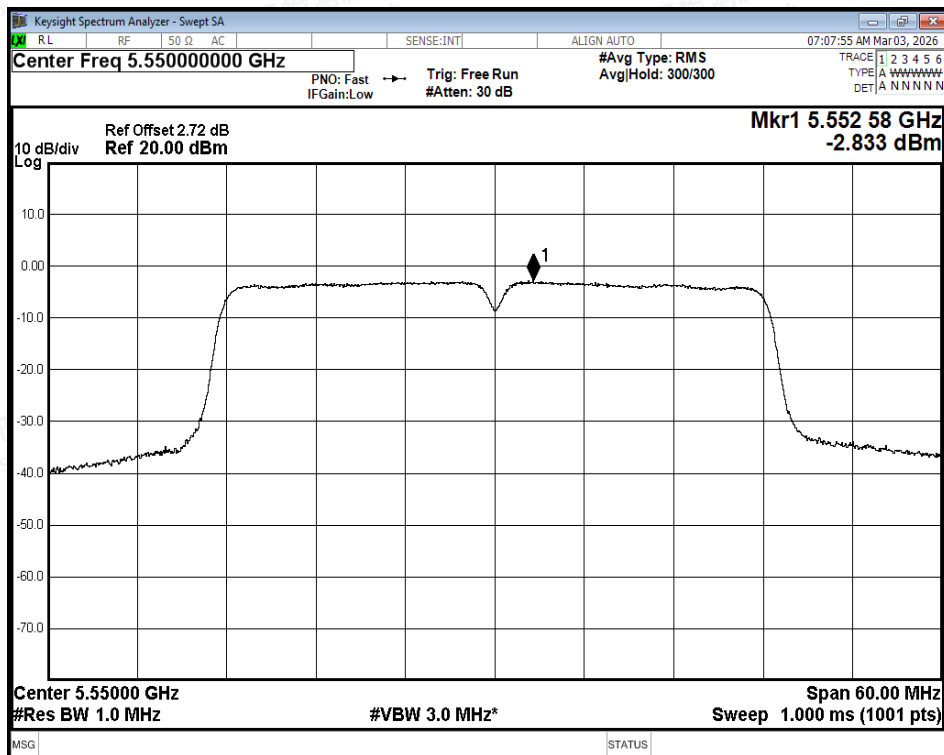
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PSD NVNT n40 5510MHz Ant1



PSD NVNT n40 5550MHz Ant1

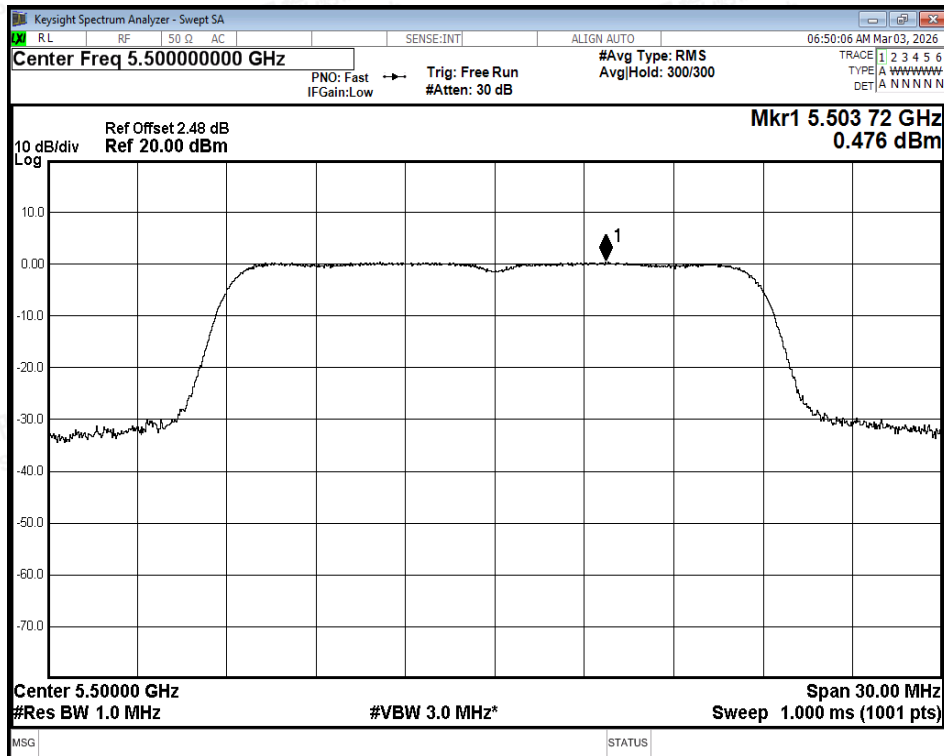
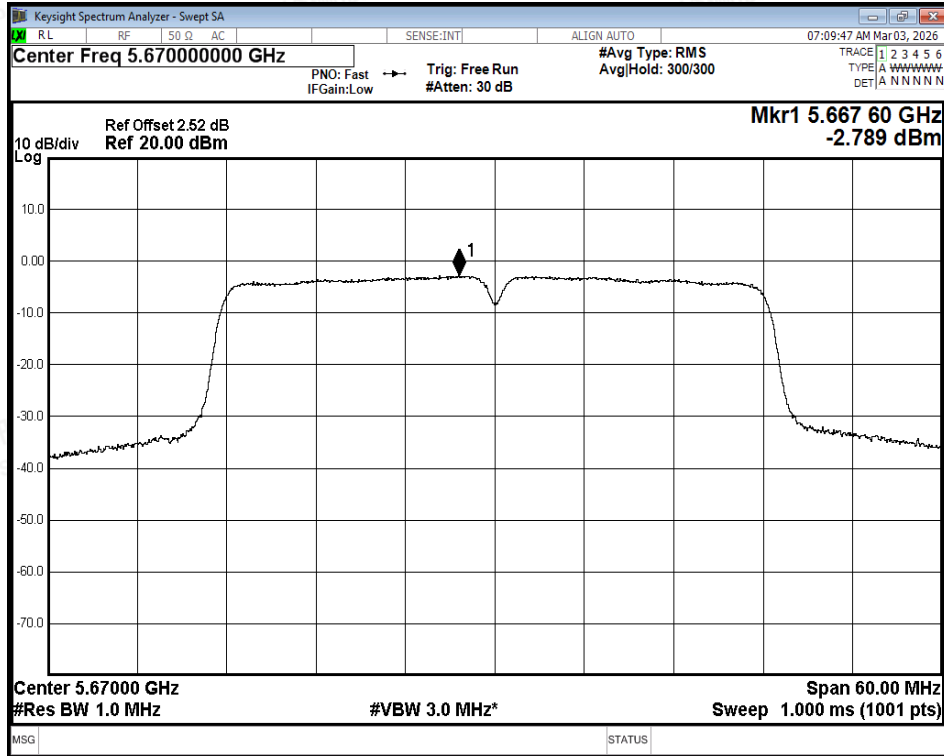


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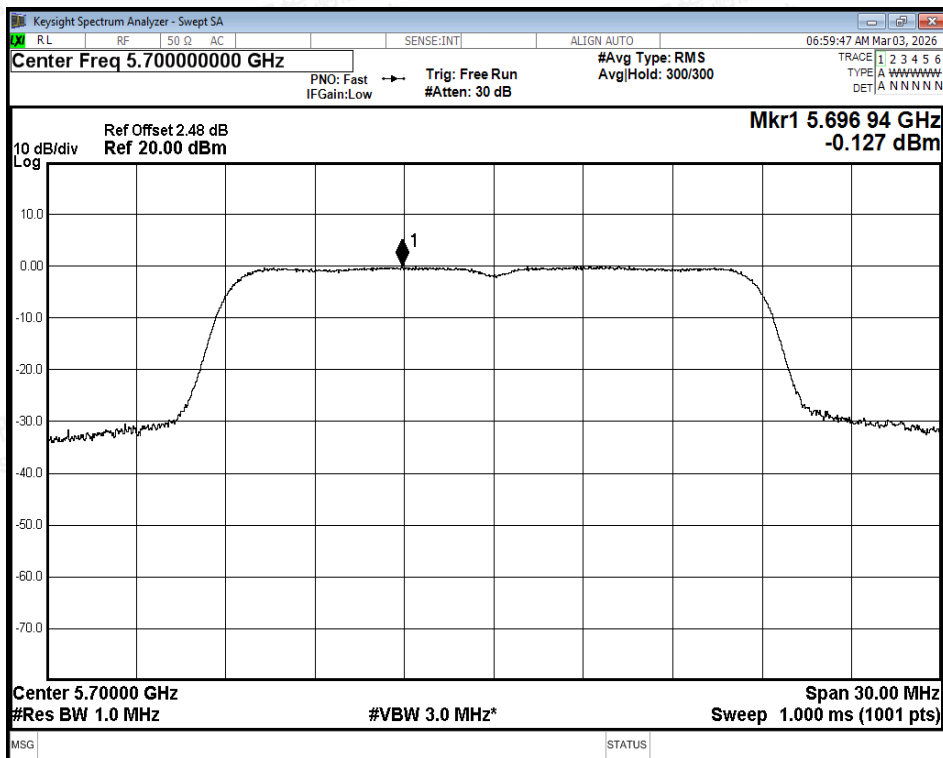
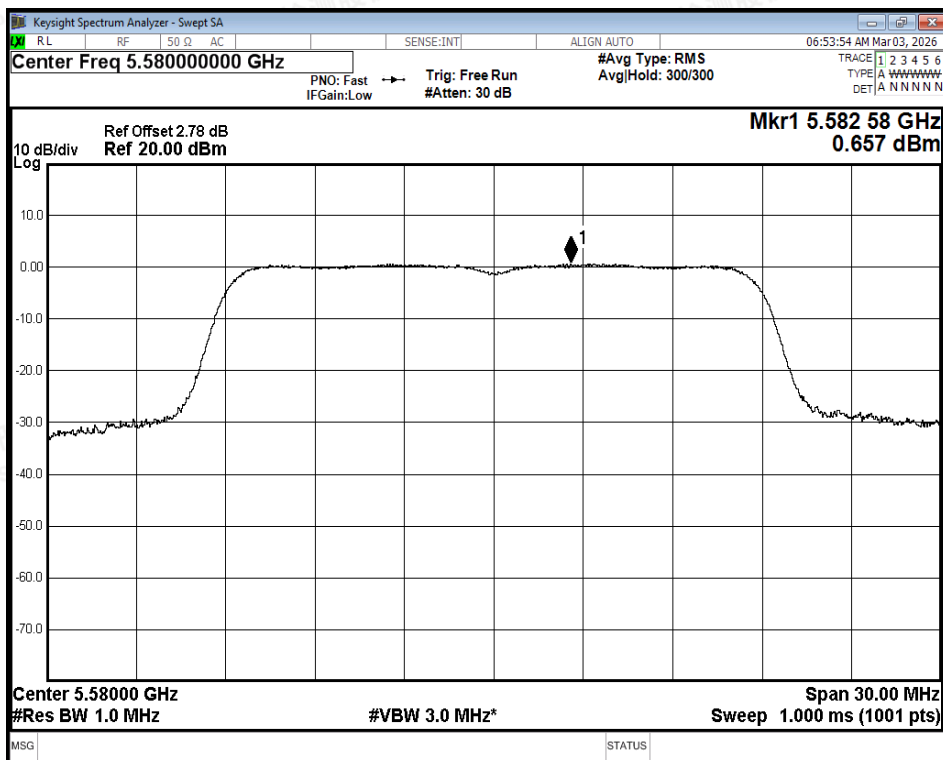


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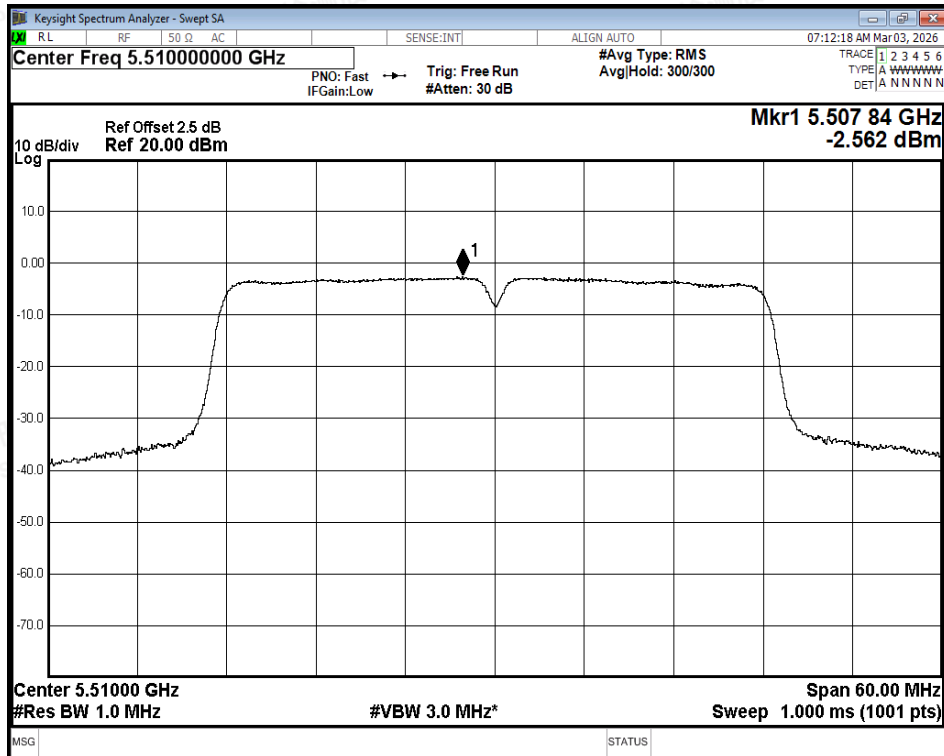


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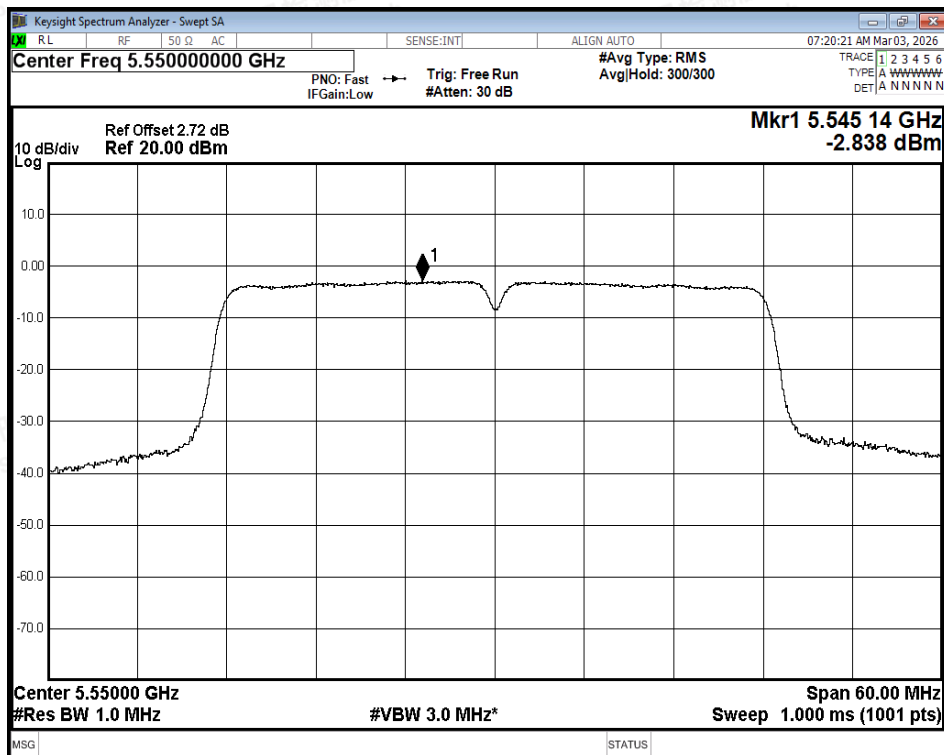
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PSD NVNT ac40 5510MHz Ant1



PSD NVNT ac40 5550MHz Ant1

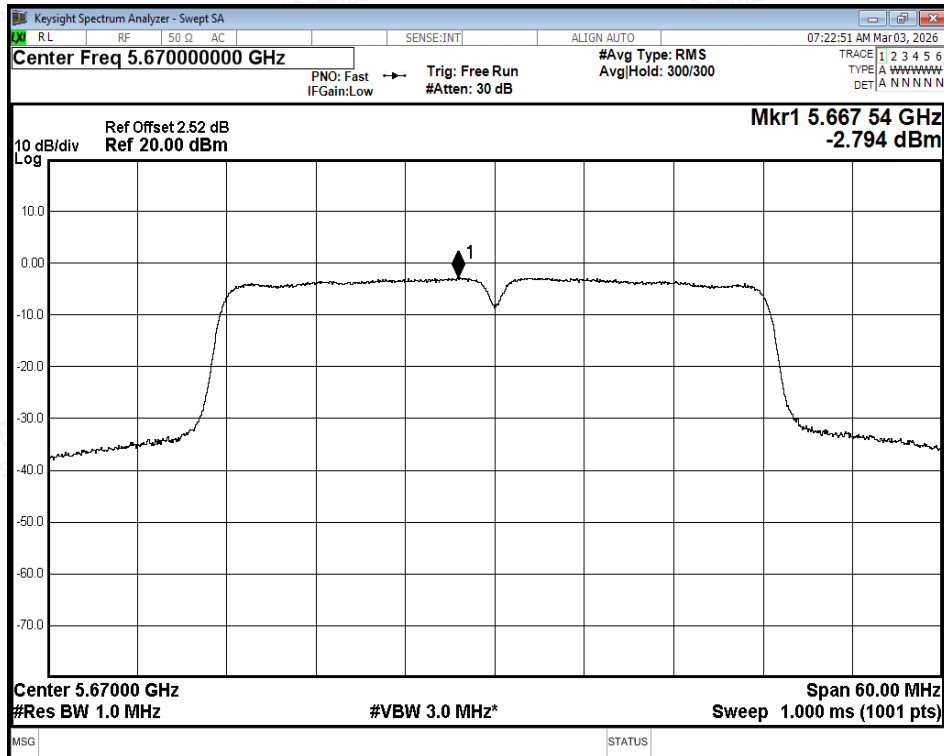


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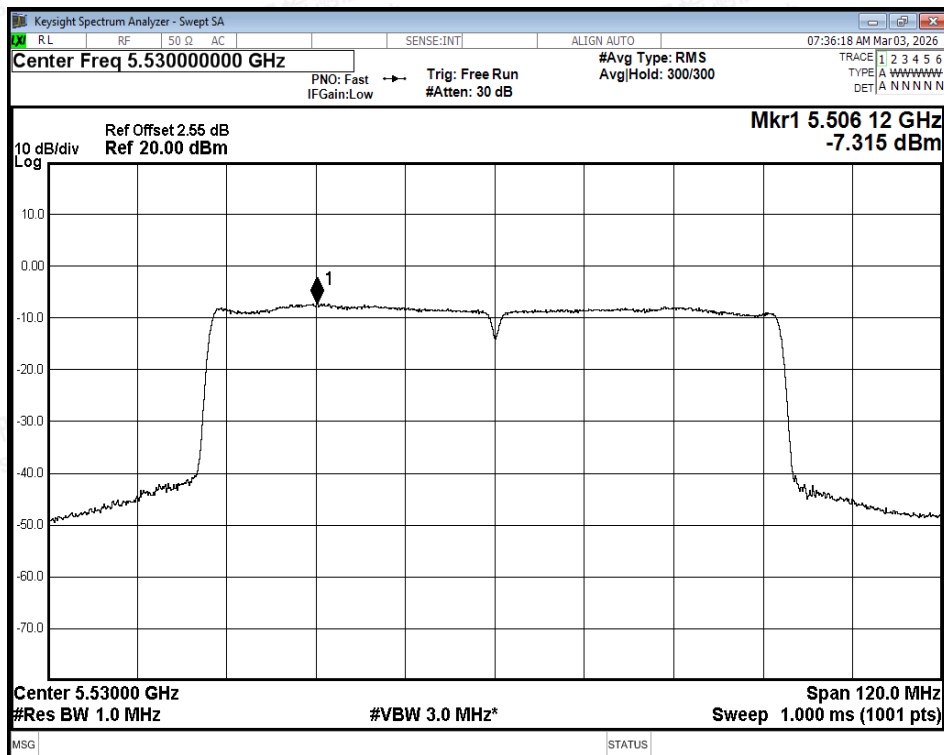
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PSD NVNT ac40 5670MHz Ant1



PSD NVNT ac80 5530MHz Ant1

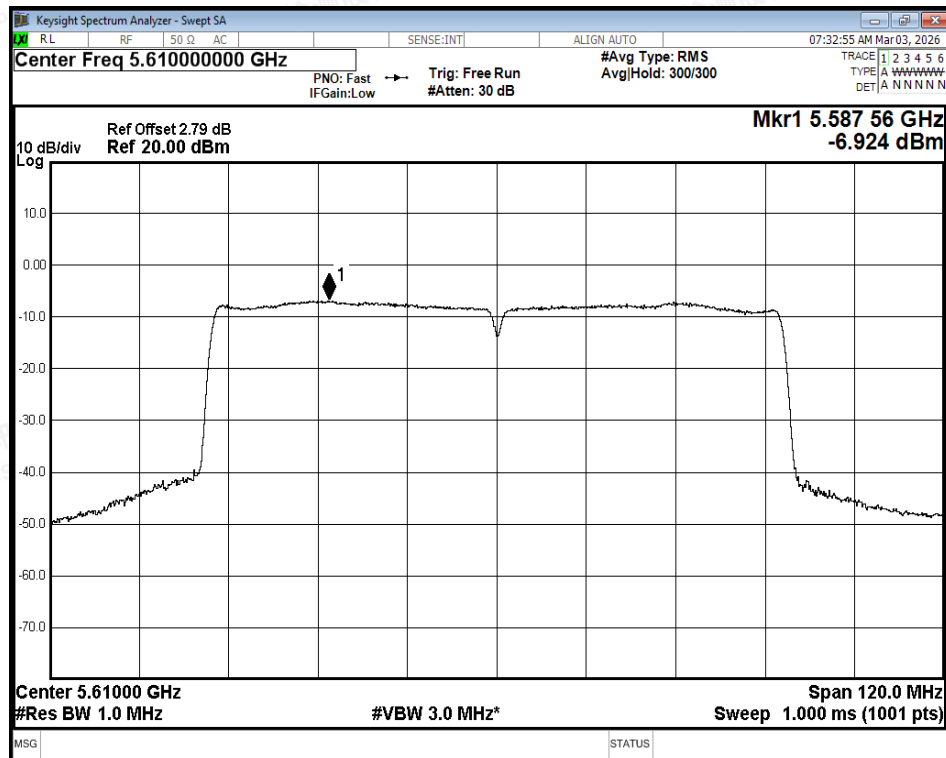


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F.4 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5500	Ant1	5460	-45.97	2	51.26	Peak	68.2	Pass
NVNT	a	5500	Ant1	5460	-54.06	2	43.17	Average	54	Pass
NVNT	a	5500	Ant1	5467.8	-37.01	2	60.22	Peak	68.2	Pass
NVNT	a	5500	Ant1	5469.8	-47.39	2	49.84	Average	54	Pass
NVNT	a	5500	Ant1	5470	-39.32	2	57.91	Peak	68.2	Pass
NVNT	a	5500	Ant1	5470	-47.69	2	49.54	Average	54	Pass
NVNT	a	5700	Ant1	5725	-34.24	2	62.99	Peak	68.2	Pass
NVNT	a	5700	Ant1	5725	-46.71	2	50.52	Average	54	Pass
NVNT	a	5700	Ant1	5725.4	-33.79	2	63.44	Peak	68.2	Pass
NVNT	a	5700	Ant1	5725	-46.71	2	50.52	Average	54	Pass
NVNT	a	5700	Ant1	5735	-42.93	2	54.3	Peak	68.2	Pass
NVNT	a	5700	Ant1	5735	-53.49	2	43.74	Average	54	Pass
NVNT	n20	5500	Ant1	5460	-42.45	2	54.78	Peak	68.2	Pass
NVNT	n20	5500	Ant1	5460	-50.93	2	46.3	Average	54	Pass
NVNT	n20	5500	Ant1	5467.8	-32.41	2	64.82	Peak	68.2	Pass
NVNT	n20	5500	Ant1	5470	-44.2	2	53.03	Average	54	Pass
NVNT	n20	5500	Ant1	5470	-35.17	2	62.06	Peak	68.2	Pass
NVNT	n20	5500	Ant1	5470	-44.2	2	53.03	Average	54	Pass
NVNT	n20	5700	Ant1	5725	-33.6	2	63.63	Peak	68.2	Pass
NVNT	n20	5700	Ant1	5725	-44.44	2	52.79	Average	54	Pass
NVNT	n20	5700	Ant1	5725.2	-33.47	2	63.76	Peak	68.2	Pass
NVNT	n20	5700	Ant1	5725	-44.44	2	52.79	Average	54	Pass
NVNT	n20	5700	Ant1	5735	-45.33	2	51.9	Peak	68.2	Pass
NVNT	n20	5700	Ant1	5735	-53.82	2	43.41	Average	54	Pass
NVNT	n40	5510	Ant1	5460	-42.73	2	54.5	Peak	68.2	Pass
NVNT	n40	5510	Ant1	5460	-50.94	2	46.29	Average	54	Pass
NVNT	n40	5510	Ant1	5469.4	-32.4	2	64.83	Peak	68.2	Pass
NVNT	n40	5510	Ant1	5470	-46.53	2	50.7	Average	54	Pass
NVNT	n40	5510	Ant1	5470	-35.83	2	61.4	Peak	68.2	Pass
NVNT	n40	5510	Ant1	5470	-46.53	2	50.7	Average	54	Pass
NVNT	n40	5670	Ant1	5725	-43.28	2	53.95	Peak	68.2	Pass
NVNT	n40	5670	Ant1	5725	-51.12	2	46.11	Average	54	Pass
NVNT	n40	5670	Ant1	5727.8	-41.32	2	55.91	Peak	68.2	Pass
NVNT	n40	5670	Ant1	5725	-51.12	2	46.11	Average	54	Pass
NVNT	n40	5670	Ant1	5735	-46.26	2	50.97	Peak	68.2	Pass
NVNT	n40	5670	Ant1	5735	-53.68	2	43.55	Average	54	Pass
NVNT	ac20	5500	Ant1	5460	-39.22	2	58.01	Peak	68.2	Pass



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NVNT	ac20	5500	Ant1	5460	-50.78	2	46.45	Average	54	Pass
NVNT	ac20	5500	Ant1	5469.2	-32.38	2	64.85	Peak	68.2	Pass
NVNT	ac20	5500	Ant1	5470	-44.23	2	53	Average	54	Pass
NVNT	ac20	5500	Ant1	5470	-35.57	2	61.66	Peak	68.2	Pass
NVNT	ac20	5500	Ant1	5470	-44.23	2	53	Average	54	Pass
NVNT	ac20	5700	Ant1	5725	-31.97	2	65.26	Peak	68.2	Pass
NVNT	ac20	5700	Ant1	5725	-44.36	2	52.87	Average	54	Pass
NVNT	ac20	5700	Ant1	5725	-31.97	2	65.26	Peak	68.2	Pass
NVNT	ac20	5700	Ant1	5725	-44.36	2	52.87	Average	54	Pass
NVNT	ac20	5700	Ant1	5735	-45.97	2	51.26	Peak	68.2	Pass
NVNT	ac20	5700	Ant1	5735	-53.71	2	43.52	Average	54	Pass
NVNT	ac40	5510	Ant1	5460	-41.14	2	56.09	Peak	68.2	Pass
NVNT	ac40	5510	Ant1	5460	-51.34	2	45.89	Average	54	Pass
NVNT	ac40	5510	Ant1	5469.8	-33.48	2	63.75	Peak	68.2	Pass
NVNT	ac40	5510	Ant1	5469.8	-46.47	2	50.76	Average	54	Pass
NVNT	ac40	5510	Ant1	5470	-33.49	2	63.74	Peak	68.2	Pass
NVNT	ac40	5510	Ant1	5470	-46.73	2	50.5	Average	54	Pass
NVNT	ac40	5670	Ant1	5725	-42.29	2	54.94	Peak	68.2	Pass
NVNT	ac40	5670	Ant1	5725	-51.08	2	46.15	Average	54	Pass
NVNT	ac40	5670	Ant1	5725.2	-40.29	2	56.94	Peak	68.2	Pass
NVNT	ac40	5670	Ant1	5725.2	-51.07	2	46.16	Average	54	Pass
NVNT	ac40	5670	Ant1	5735	-43.94	2	53.29	Peak	68.2	Pass
NVNT	ac40	5670	Ant1	5735	-53.58	2	43.65	Average	54	Pass
NVNT	ac80	5530	Ant1	5460	-40.68	2	56.55	Peak	68.2	Pass
NVNT	ac80	5530	Ant1	5460	-47.15	2	50.08	Average	54	Pass
NVNT	ac80	5530	Ant1	5469.2	-37.03	2	60.2	Peak	68.2	Pass
NVNT	ac80	5530	Ant1	5468.4	-46.44	2	50.79	Average	54	Pass
NVNT	ac80	5530	Ant1	5470	-40.69	2	56.54	Peak	68.2	Pass
NVNT	ac80	5530	Ant1	5470	-46.54	2	50.69	Average	54	Pass
NVNT	ac80	5610	Ant1	5725	-48.42	2	48.81	Peak	68.2	Pass
NVNT	ac80	5610	Ant1	5725	-54.59	2	42.64	Average	54	Pass
NVNT	ac80	5610	Ant1	5732.13	-45.82	2	51.41	Peak	68.2	Pass
NVNT	ac80	5610	Ant1	5725.57	-54.1	2	43.13	Average	54	Pass
NVNT	ac80	5610	Ant1	5735	-46.44	2	50.79	Peak	68.2	Pass
NVNT	ac80	5610	Ant1	5735	-55.05	2	42.18	Average	54	Pass

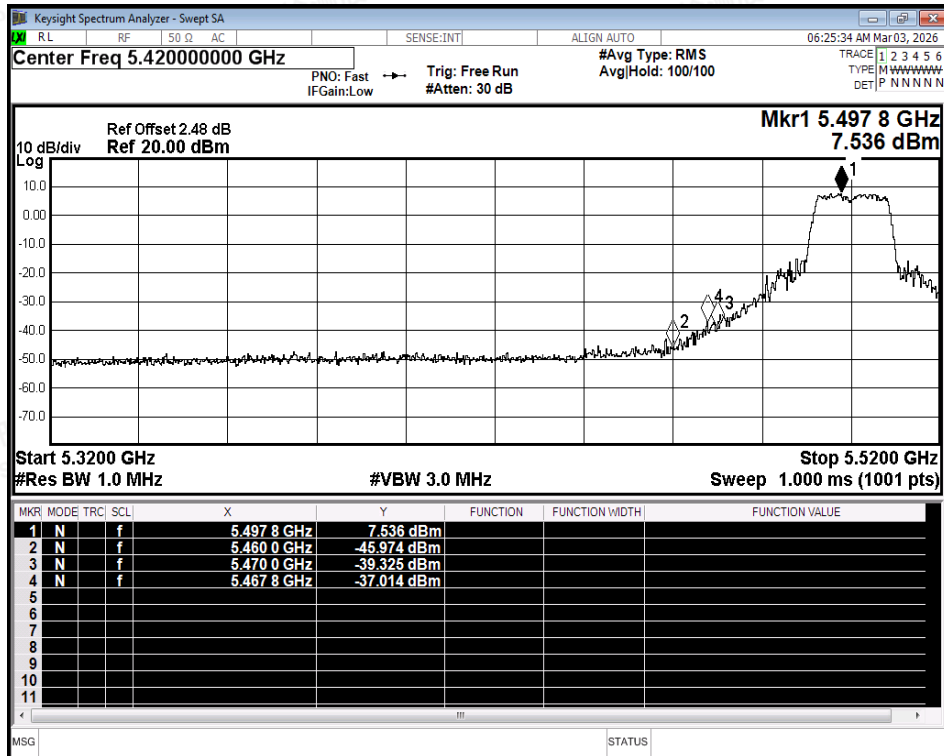


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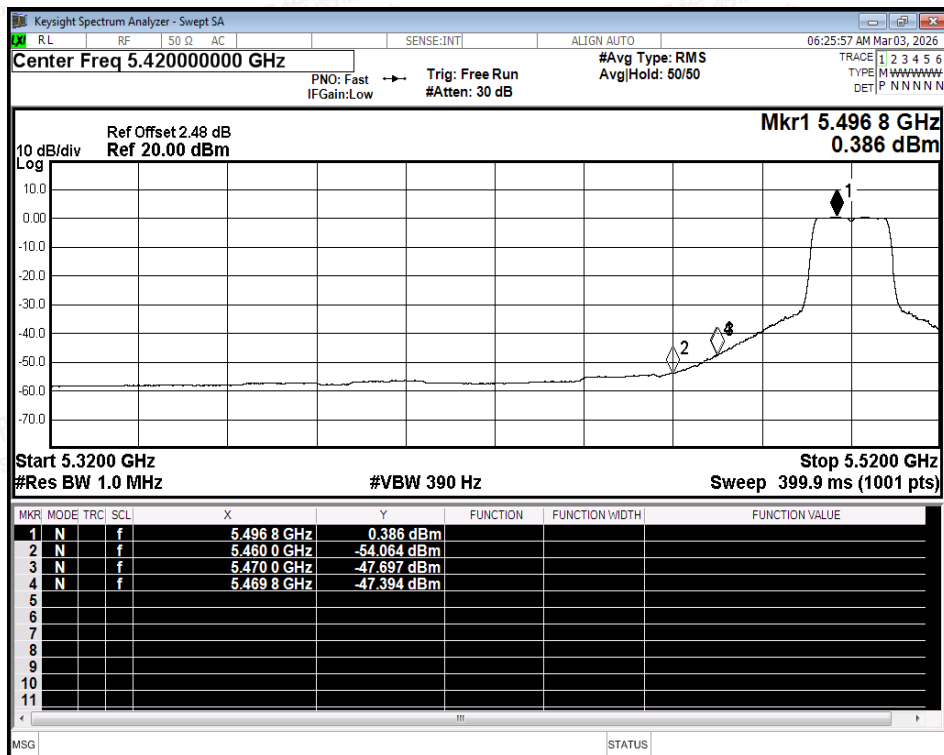
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Restrict Band NVNT a 5500MHz Ant1 Peak



Restrict Band NVNT a 5500MHz Ant1 Average

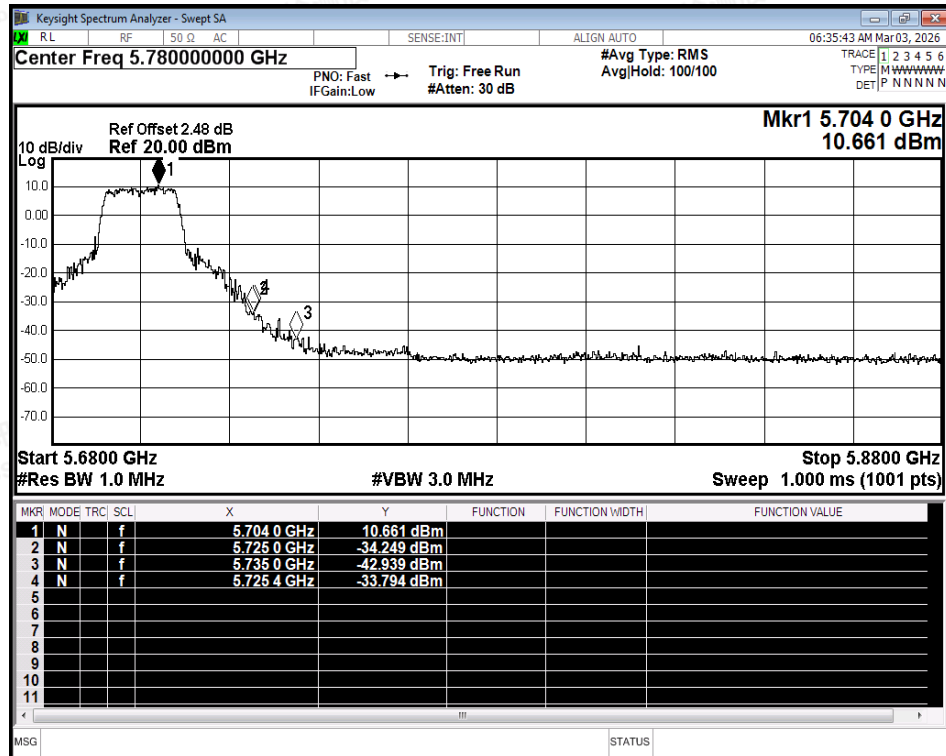


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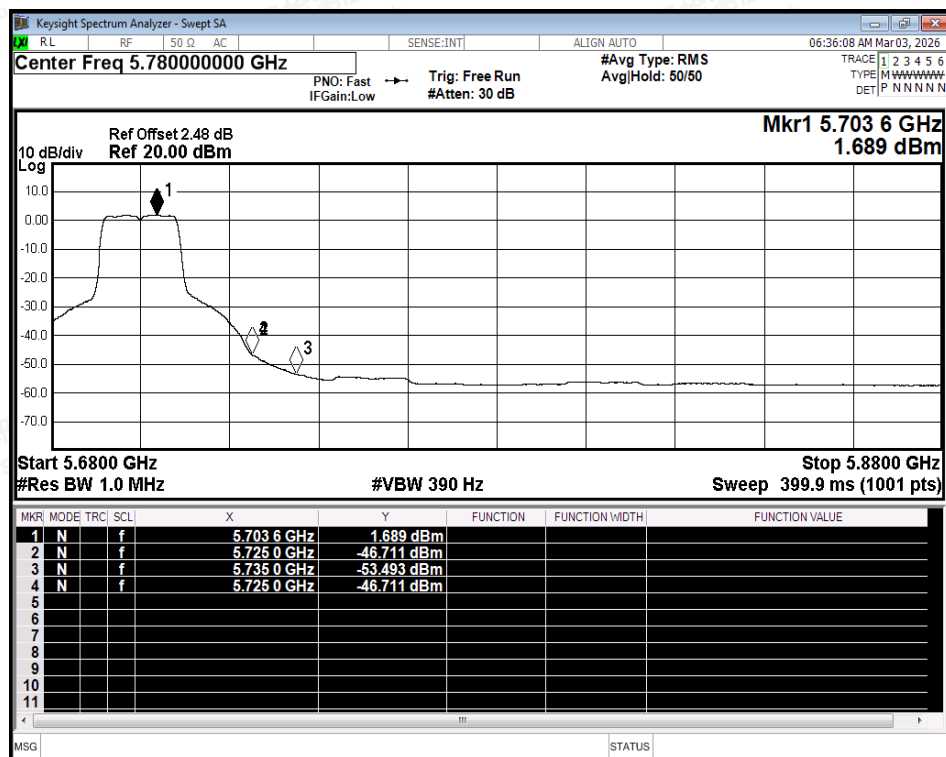
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Restrict Band NVNT a 5700MHz Ant1 Peak



Restrict Band NVNT a 5700MHz Ant1 Average

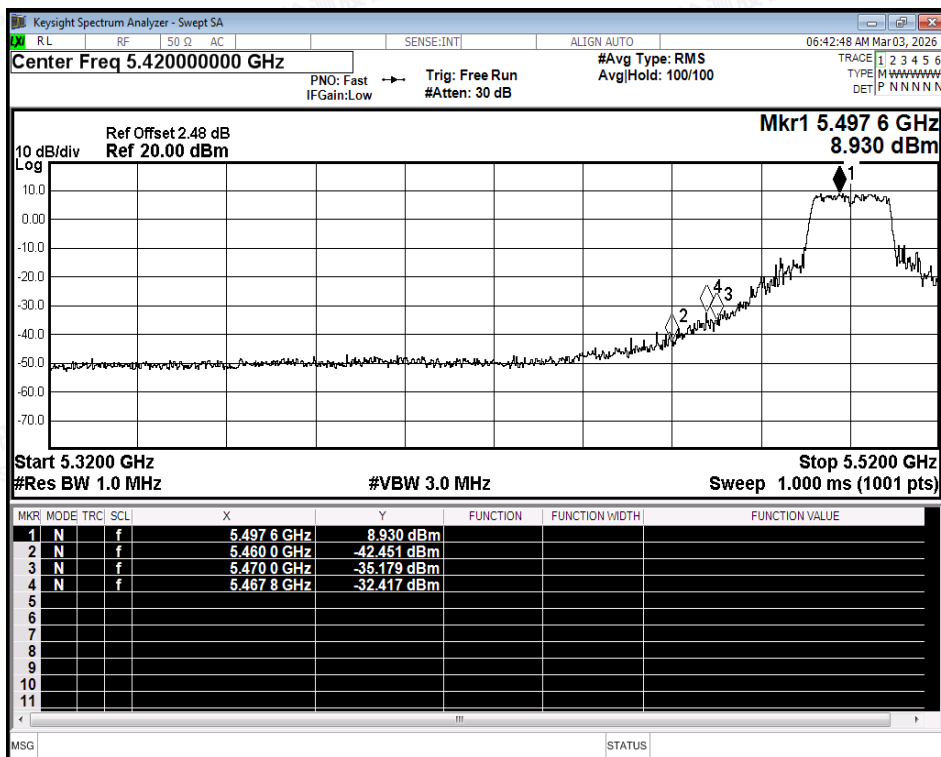


Shenzhen LCS Compliance Testing Laboratory Ltd.

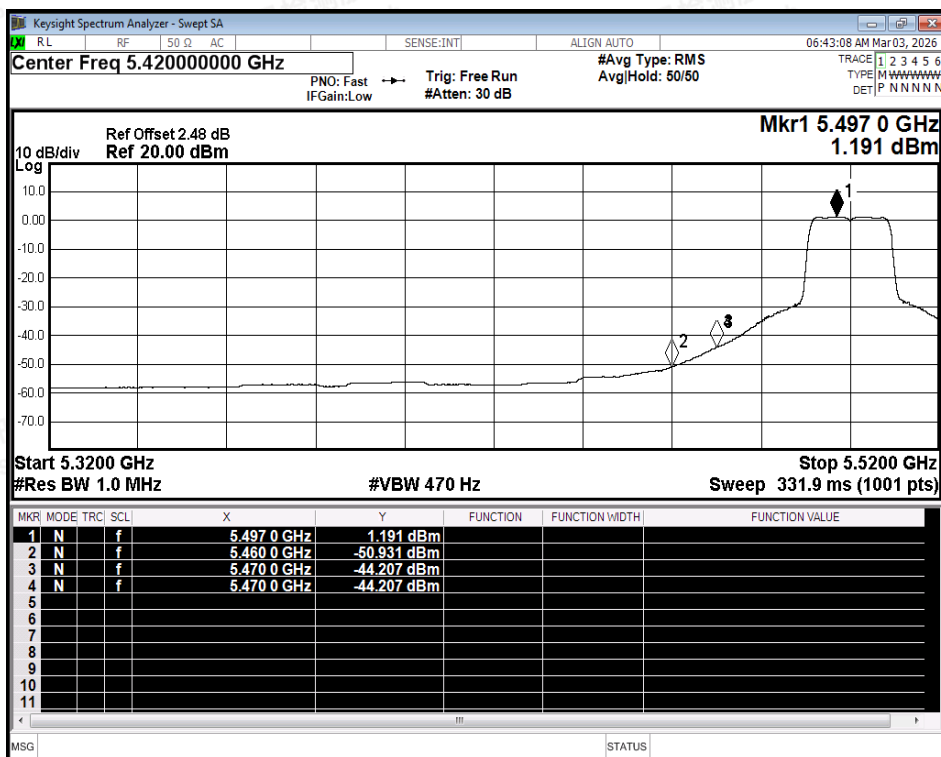
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Restrict Band NVNT n20 5500MHz Ant1 Peak



Restrict Band NVNT n20 5500MHz Ant1 Average

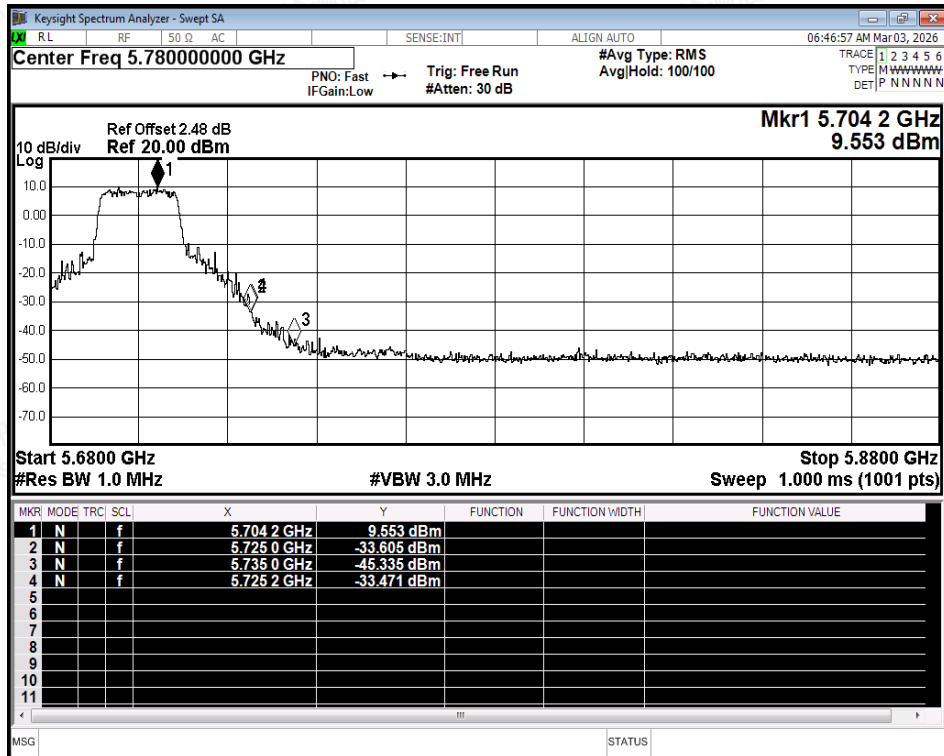


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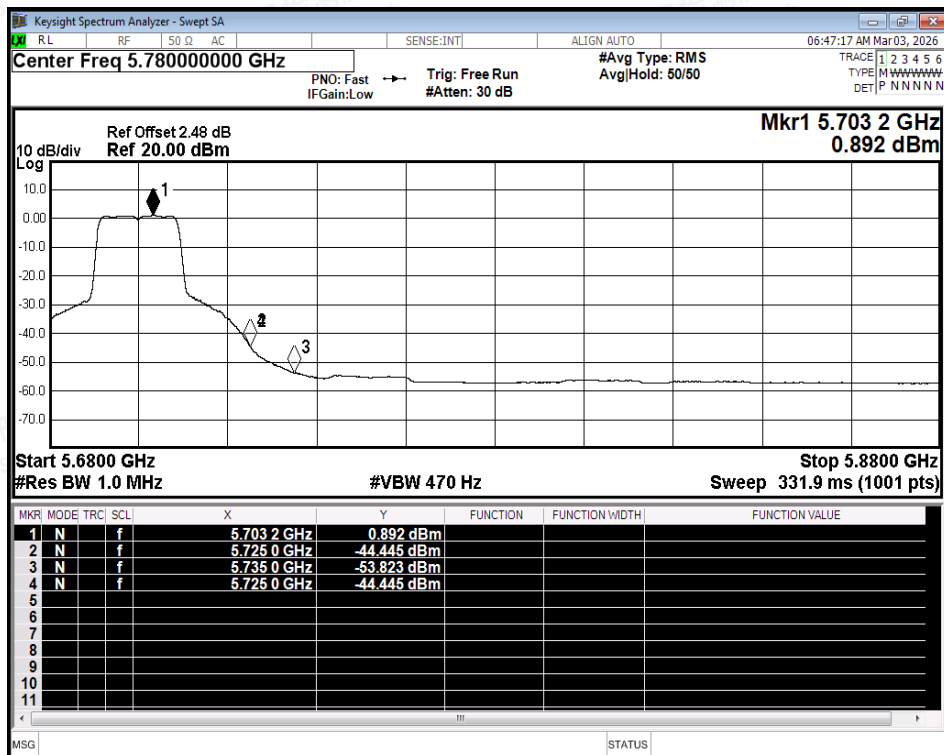
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Restrict Band NVNT n20 5700MHz Ant1 Peak



Restrict Band NVNT n20 5700MHz Ant1 Average

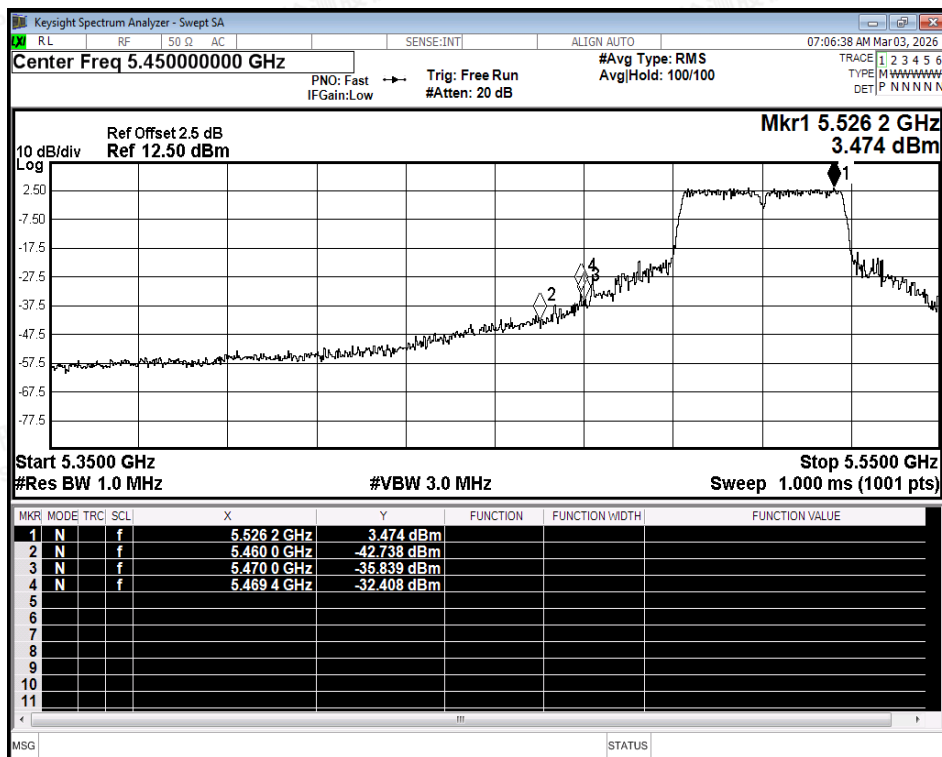


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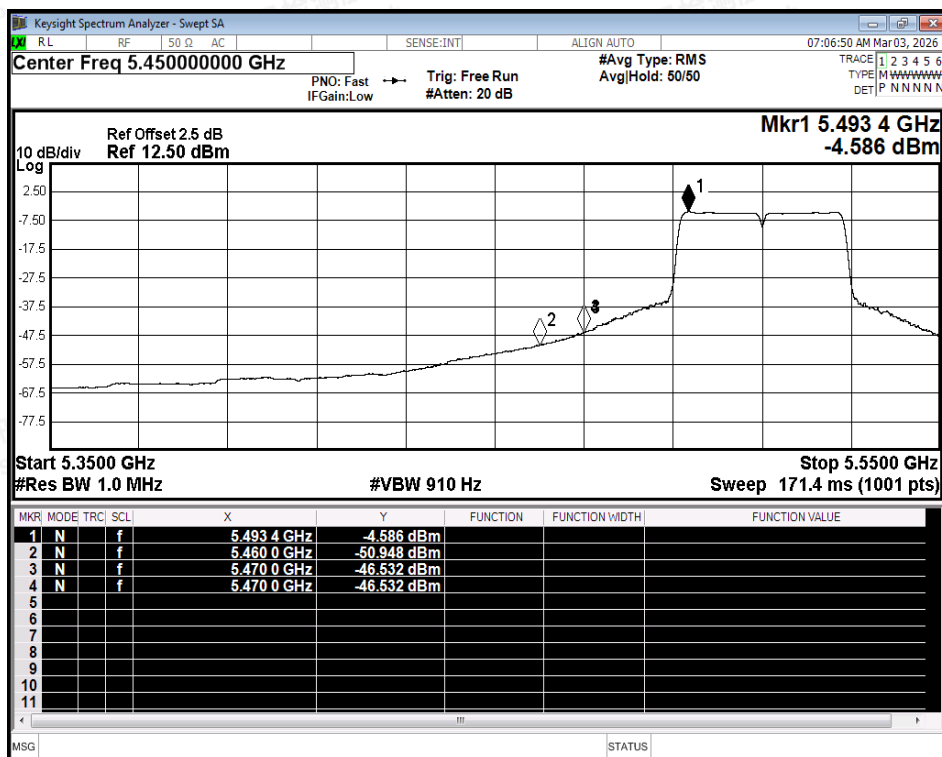
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Restrict Band NVNT n40 5510MHz Ant1 Peak



Restrict Band NVNT n40 5510MHz Ant1 Average

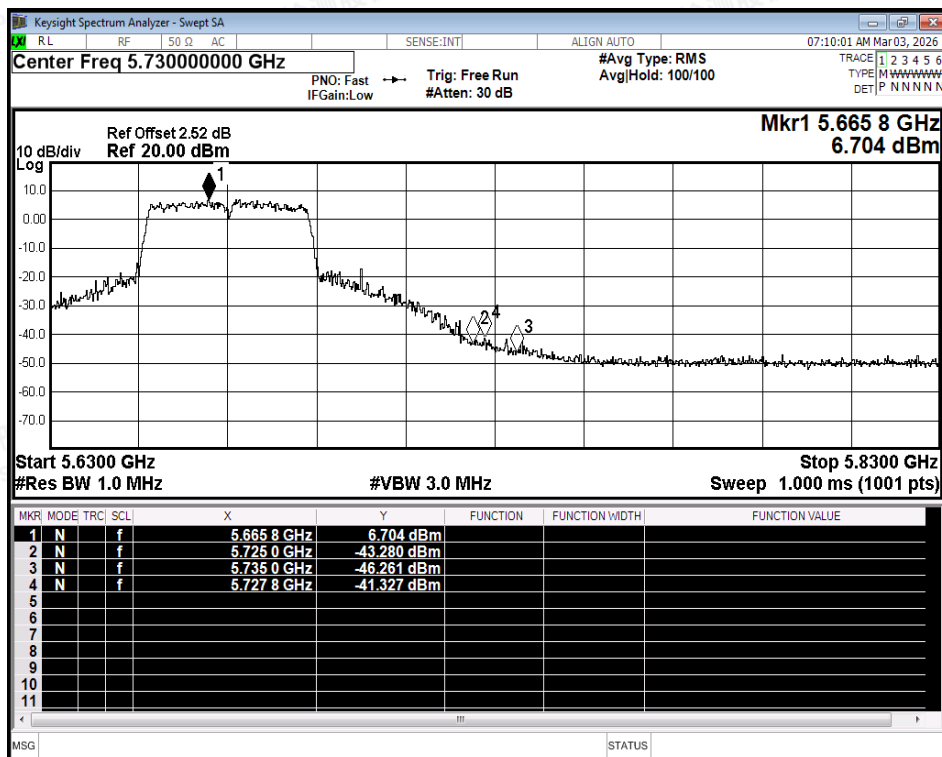


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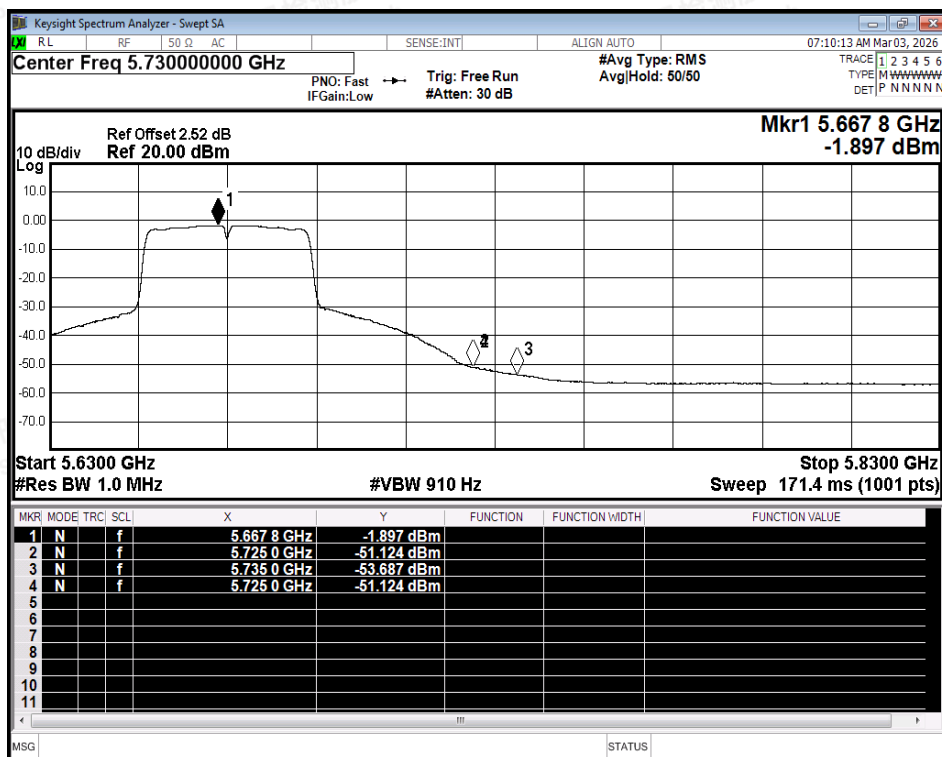
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Restrict Band NVNT n40 5670MHz Ant1 Peak



Restrict Band NVNT n40 5670MHz Ant1 Average

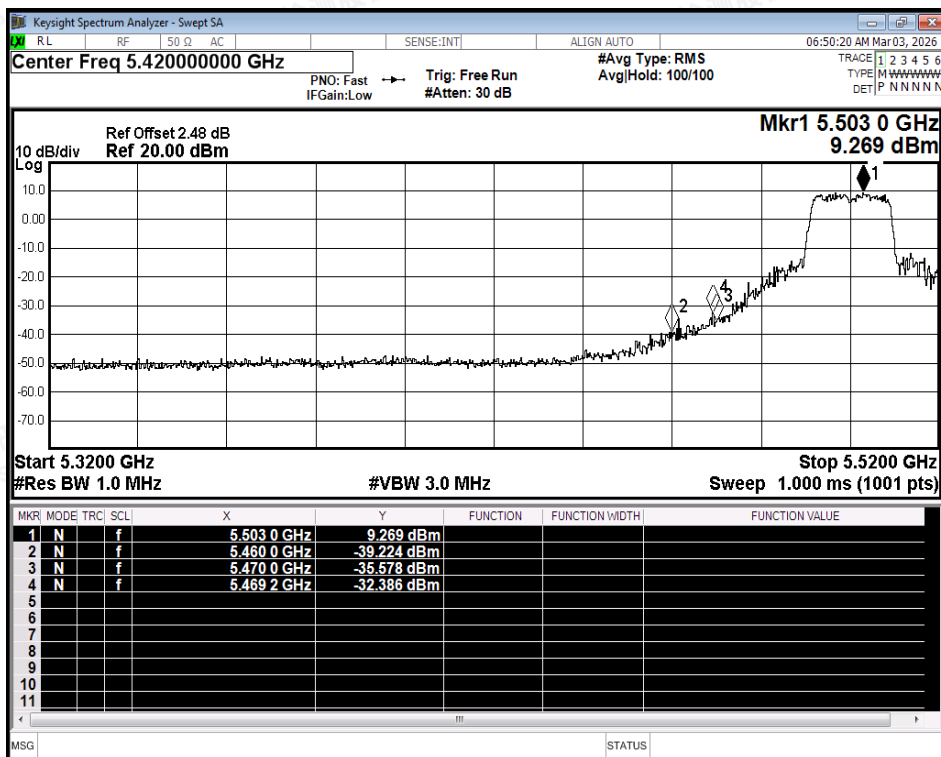


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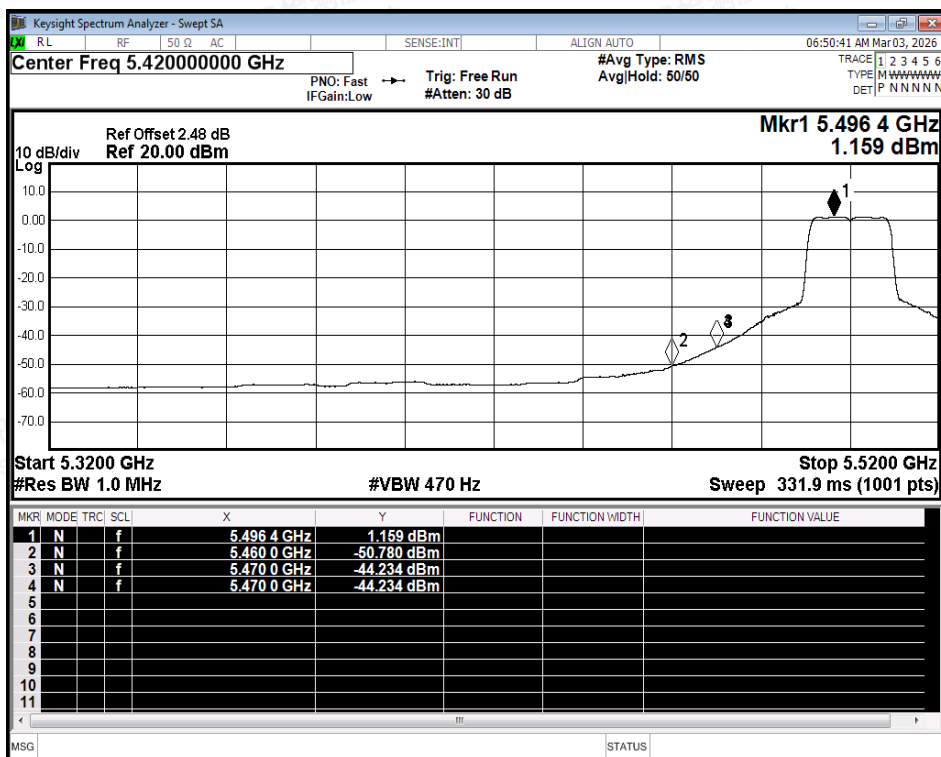
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Restrict Band NVNT ac20 5500MHz Ant1 Peak



Restrict Band NVNT ac20 5500MHz Ant1 Average

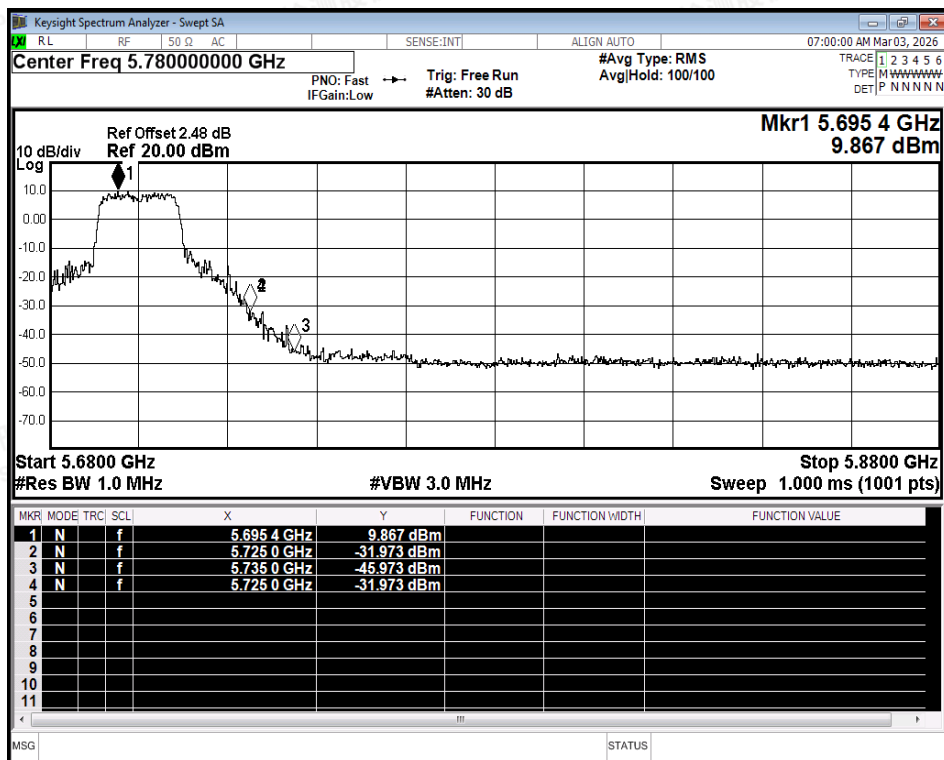


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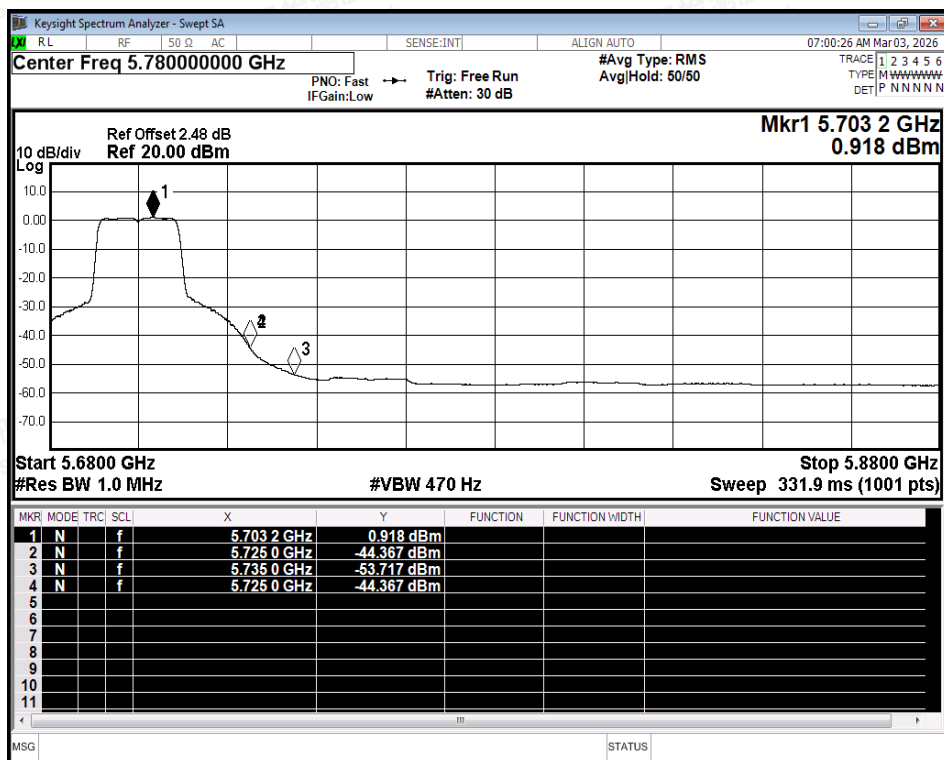
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Restrict Band NVNT ac20 5700MHz Ant1 Peak



Restrict Band NVNT ac20 5700MHz Ant1 Average

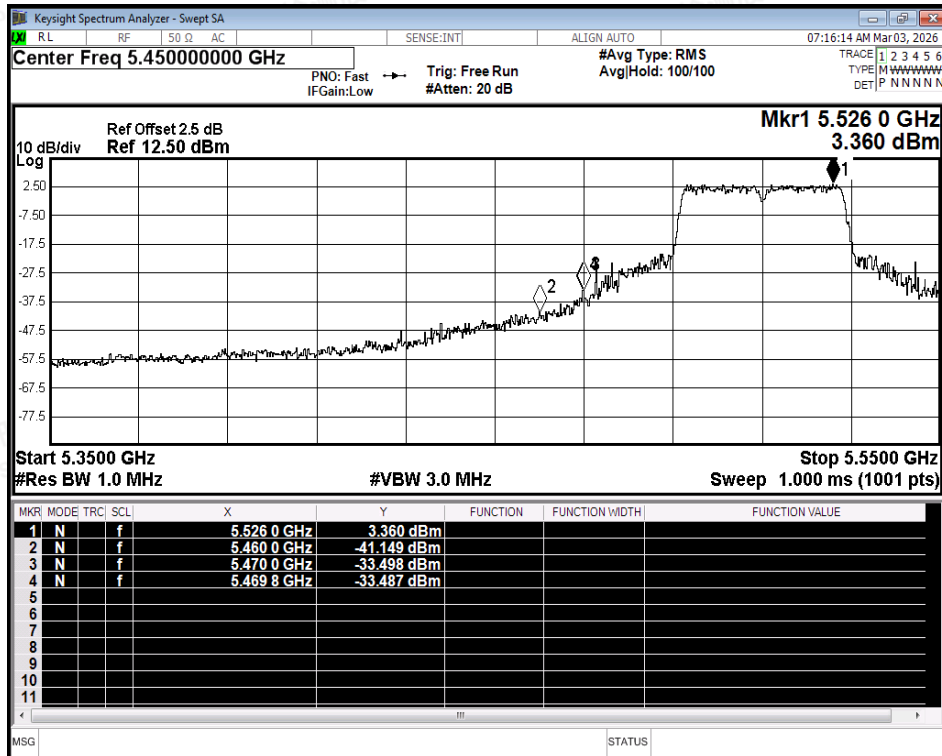


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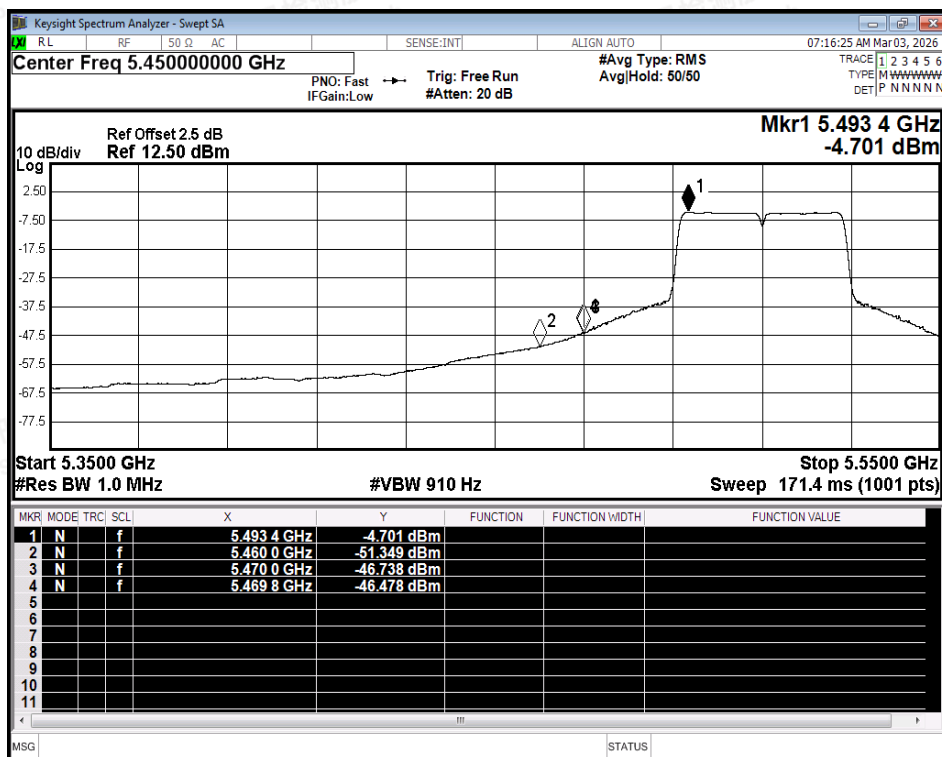
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Restrict Band NVNT ac40 5510MHz Ant1 Peak



Restrict Band NVNT ac40 5510MHz Ant1 Average

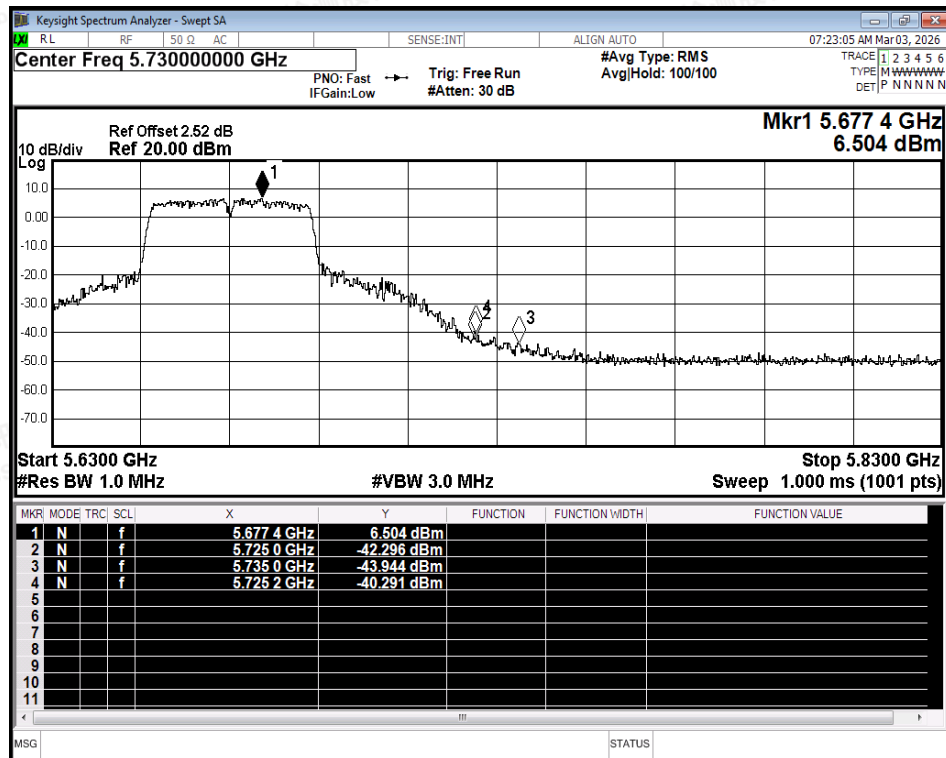


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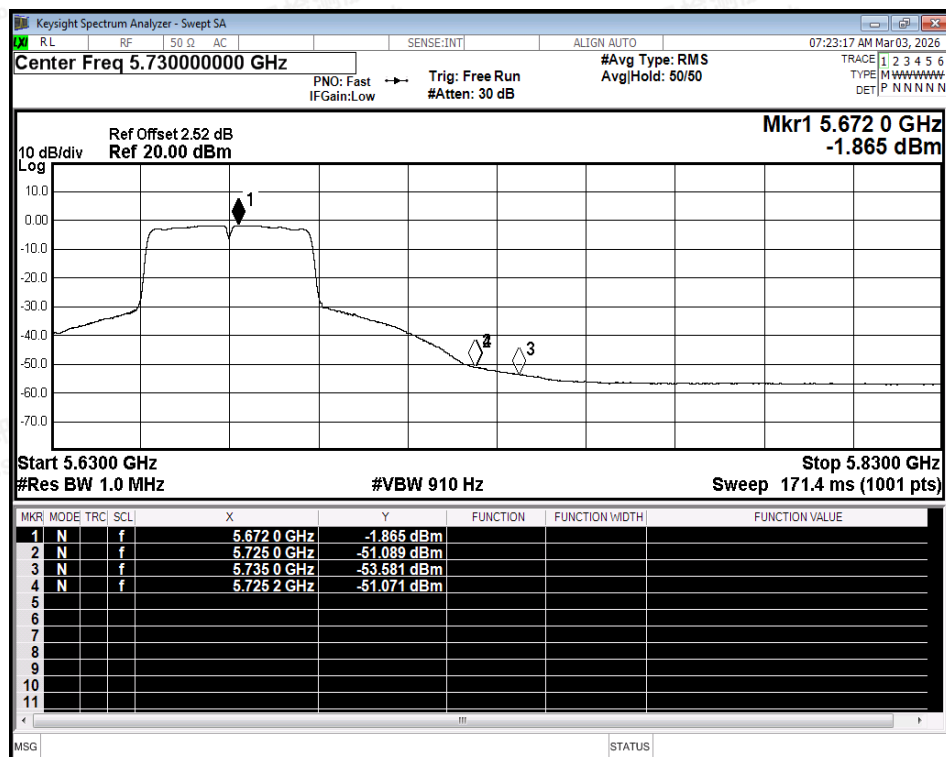
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Restrict Band NVNT ac40 5670MHz Ant1 Peak



Restrict Band NVNT ac40 5670MHz Ant1 Average

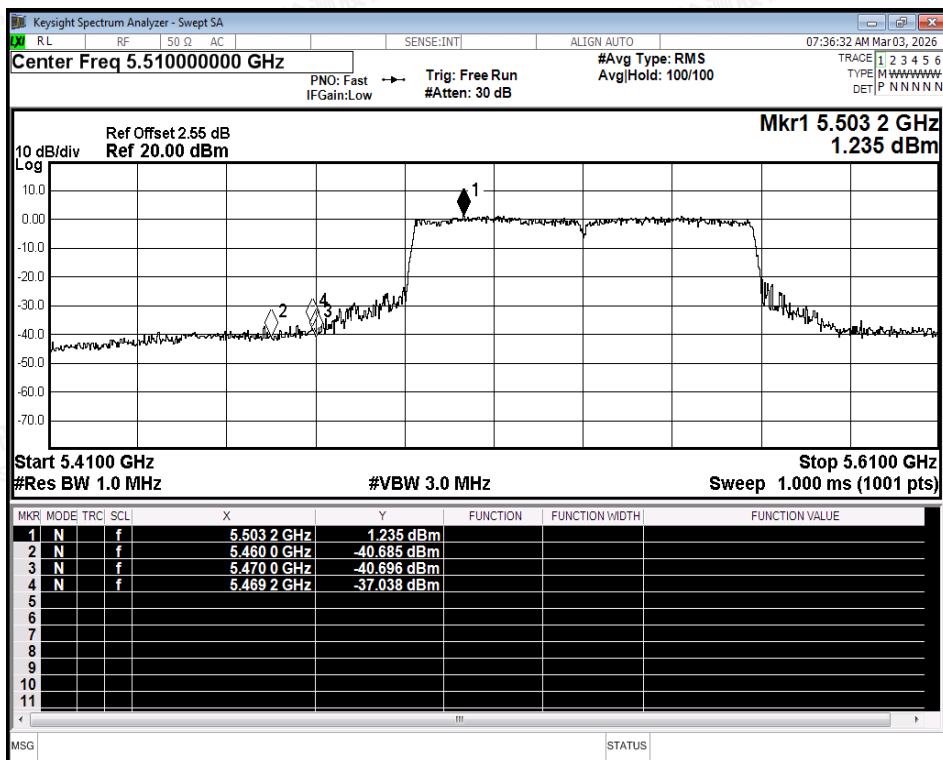


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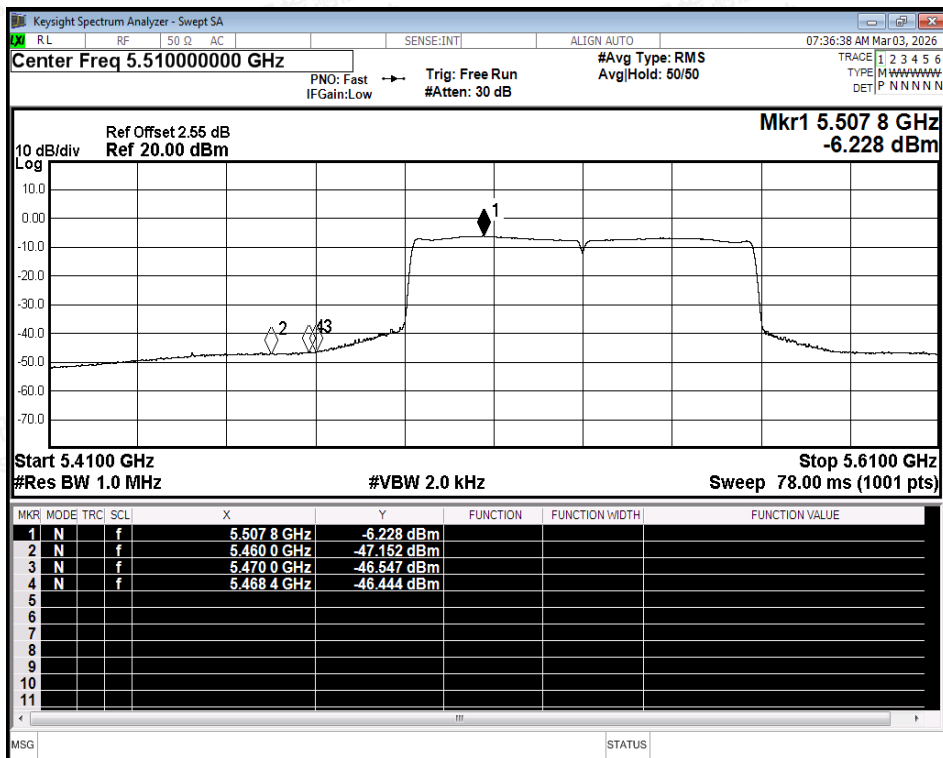
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Restrict Band NVNT ac80 5530MHz Ant1 Peak



Restrict Band NVNT ac80 5530MHz Ant1 Average

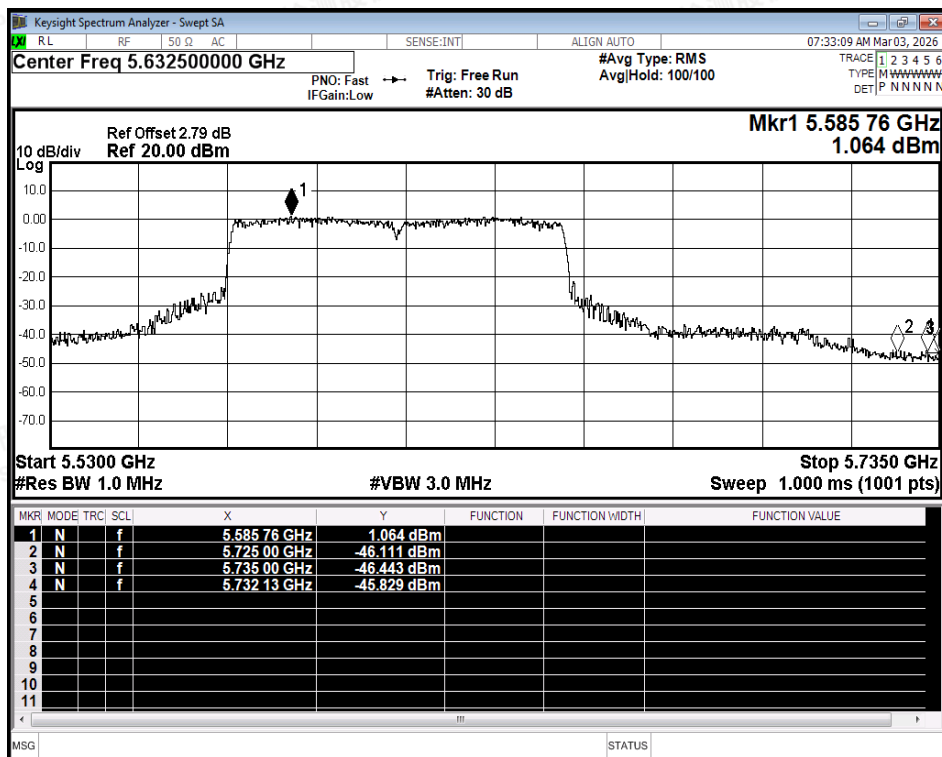


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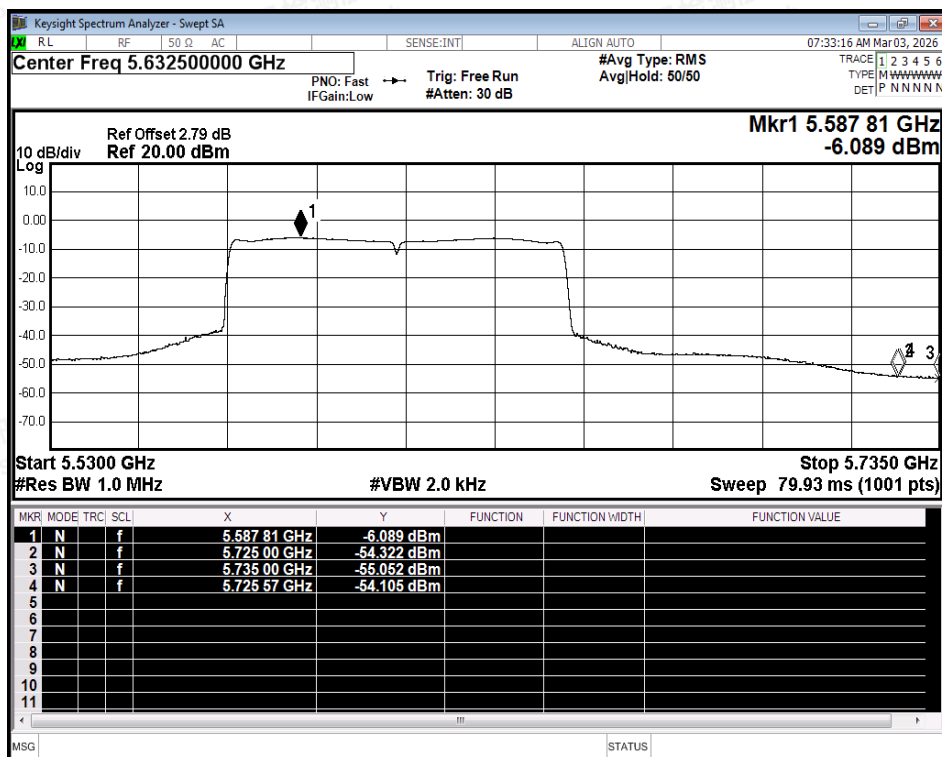
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Restrict Band NVNT ac80 5610MHz Ant1 Peak



Restrict Band NVNT ac80 5610MHz Ant1 Average



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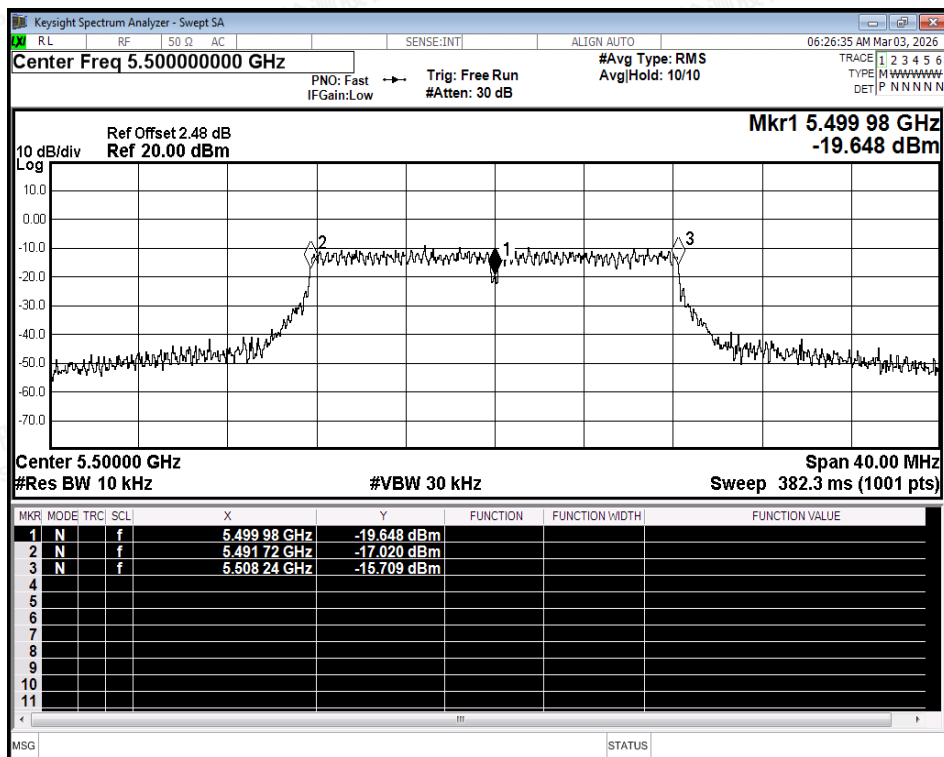
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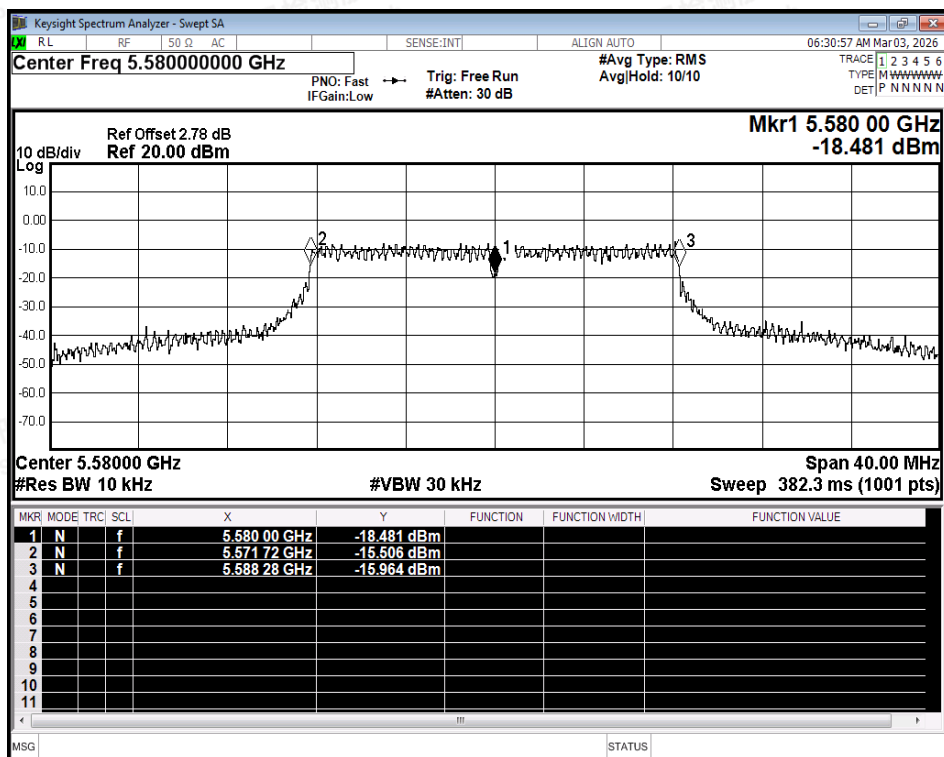
F.5 Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5500	Ant1	5499.98	-20000	-3.64	25	Pass
NVNT	a	5580	Ant1	5580	0	0	25	Pass
NVNT	a	5700	Ant1	5700	0	0	25	Pass
NVNT	n20	5500	Ant1	5499.98	-20000	-3.64	25	Pass
NVNT	n20	5580	Ant1	5579.98	-20000	-3.58	25	Pass
NVNT	n20	5700	Ant1	5700	0	0	25	Pass
NVNT	n40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
NVNT	n40	5550	Ant1	5550	0	0	25	Pass
NVNT	n40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
NVNT	ac20	5500	Ant1	5499.98	-20000	-3.64	25	Pass
NVNT	ac20	5580	Ant1	5579.98	-20000	-3.58	25	Pass
NVNT	ac20	5700	Ant1	5700	0	0	25	Pass
NVNT	ac40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
NVNT	ac40	5550	Ant1	5550	0	0	25	Pass
NVNT	ac40	5670	Ant1	5670	0	0	25	Pass
NVNT	ac80	5530	Ant1	5530	0	0	25	Pass
NVNT	ac80	5610	Ant1	5610	0	0	25	Pass





Freq. Stability NVNT a 5500MHz Ant1



Freq. Stability NVNT a 5580MHz Ant1

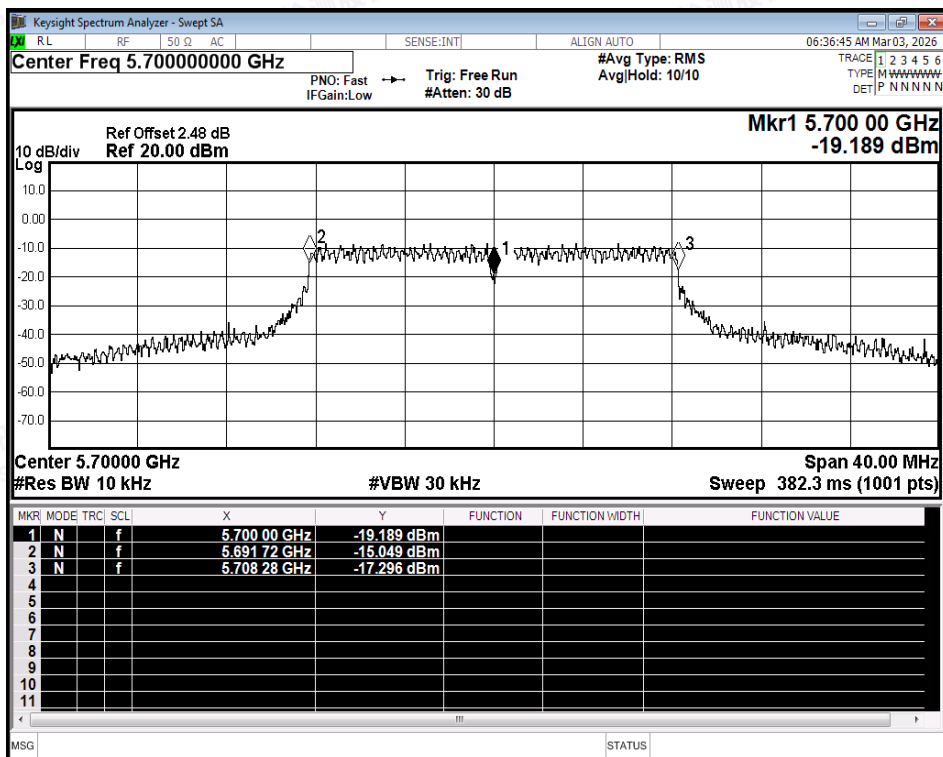


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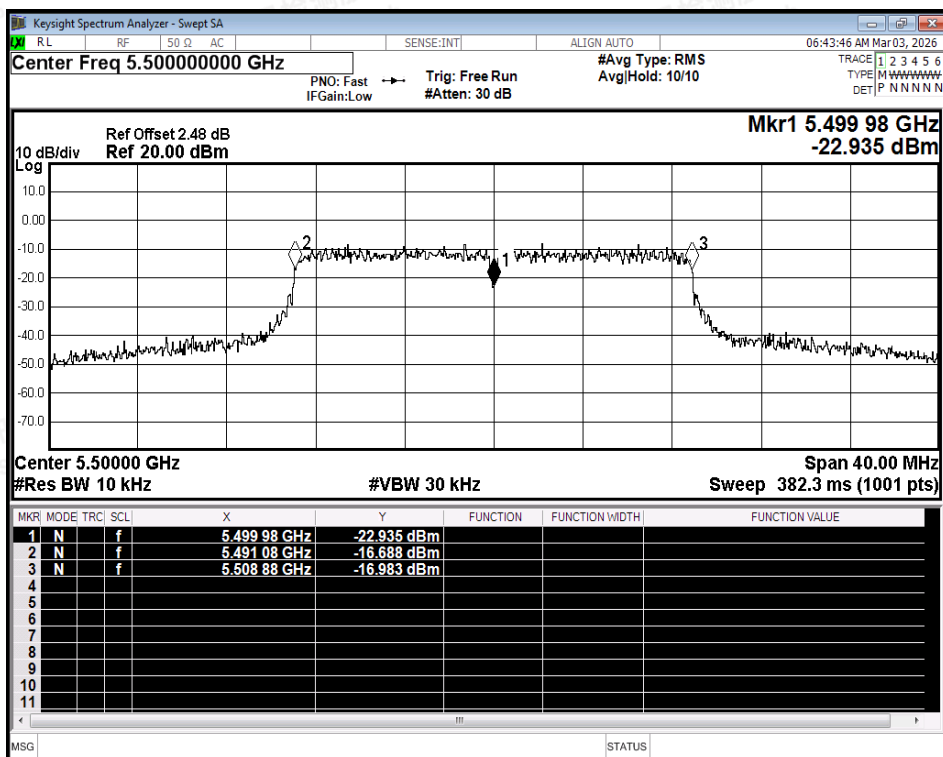
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Freq. Stability NVNT a 5700MHz Ant1



Freq. Stability NVNT n20 5500MHz Ant1

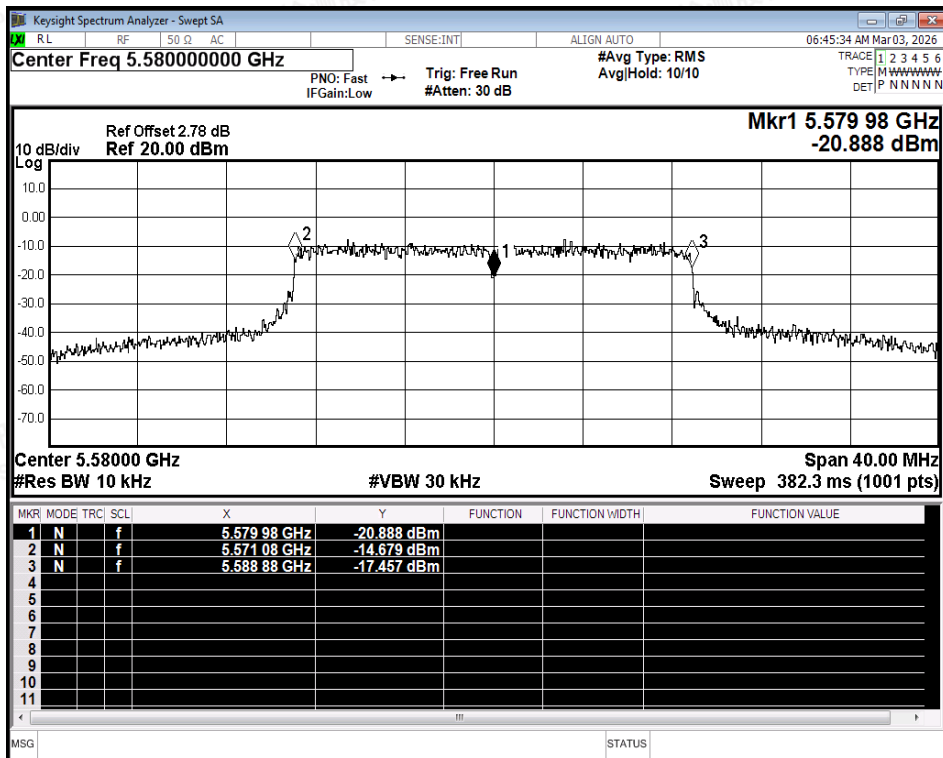


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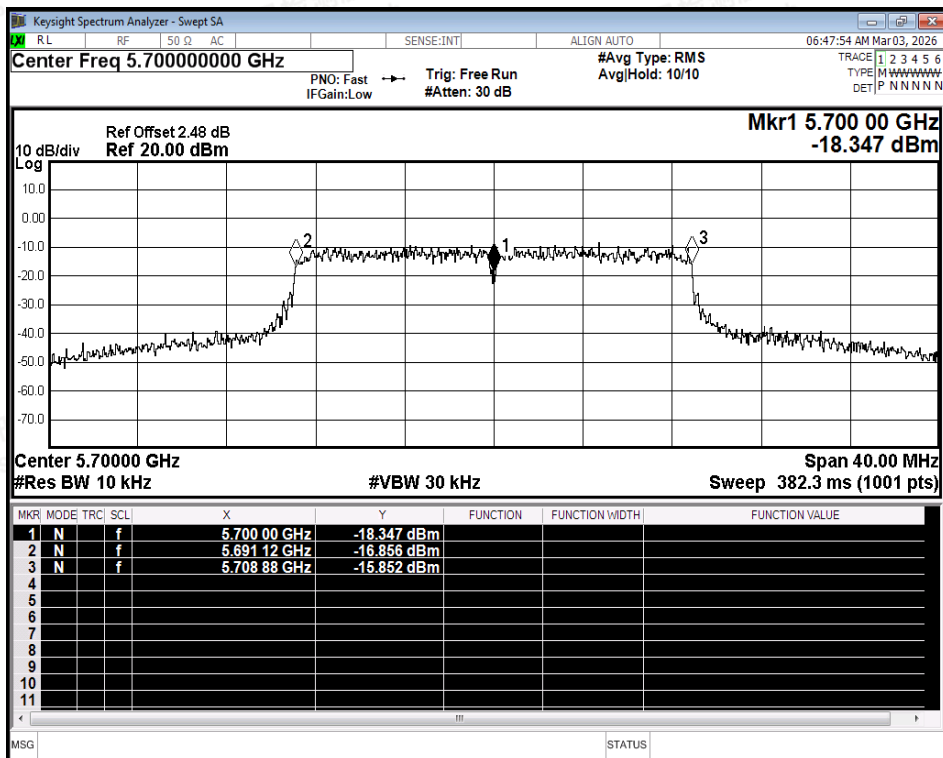
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Freq. Stability NVNT n20 5580MHz Ant1



Freq. Stability NVNT n20 5700MHz Ant1

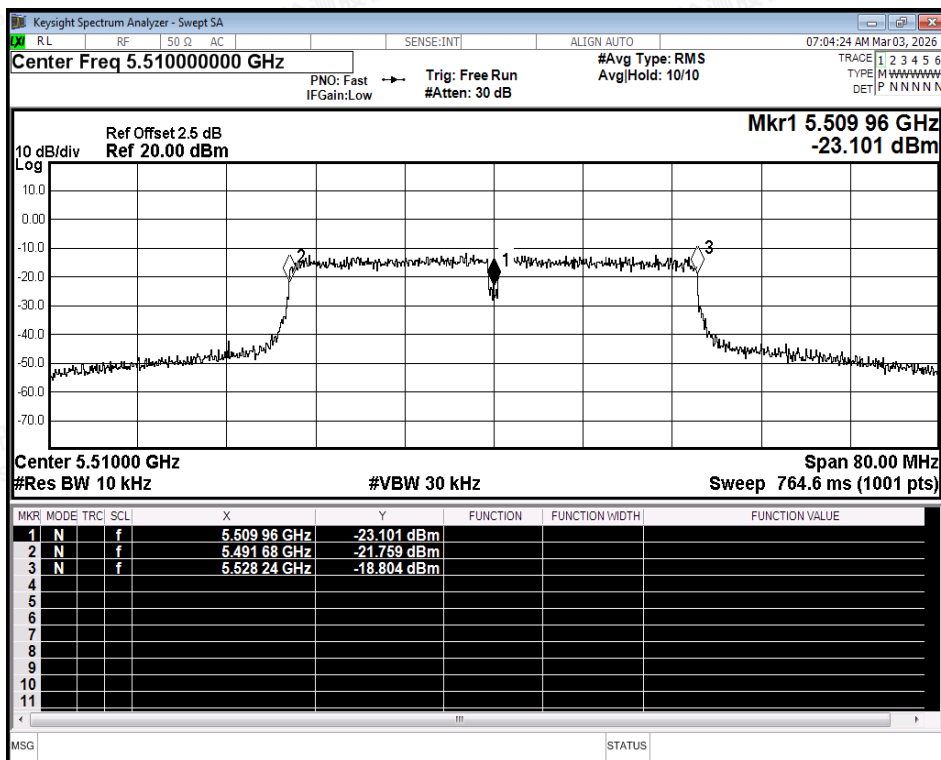


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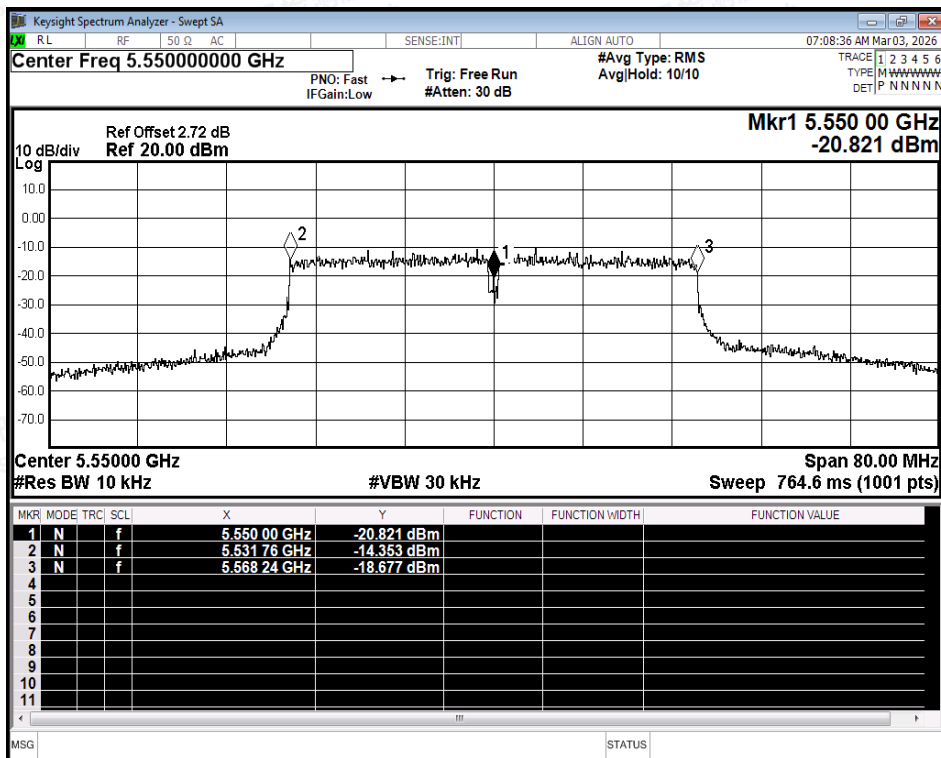
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Freq. Stability NVNT n40 5510MHz Ant1



Freq. Stability NVNT n40 5550MHz Ant1

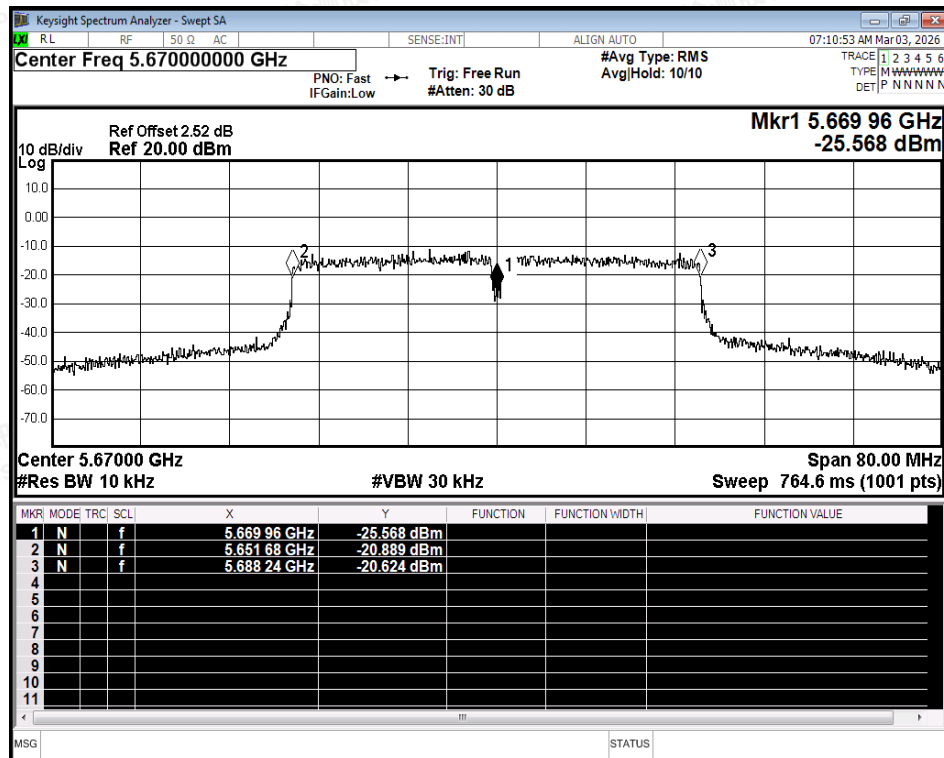


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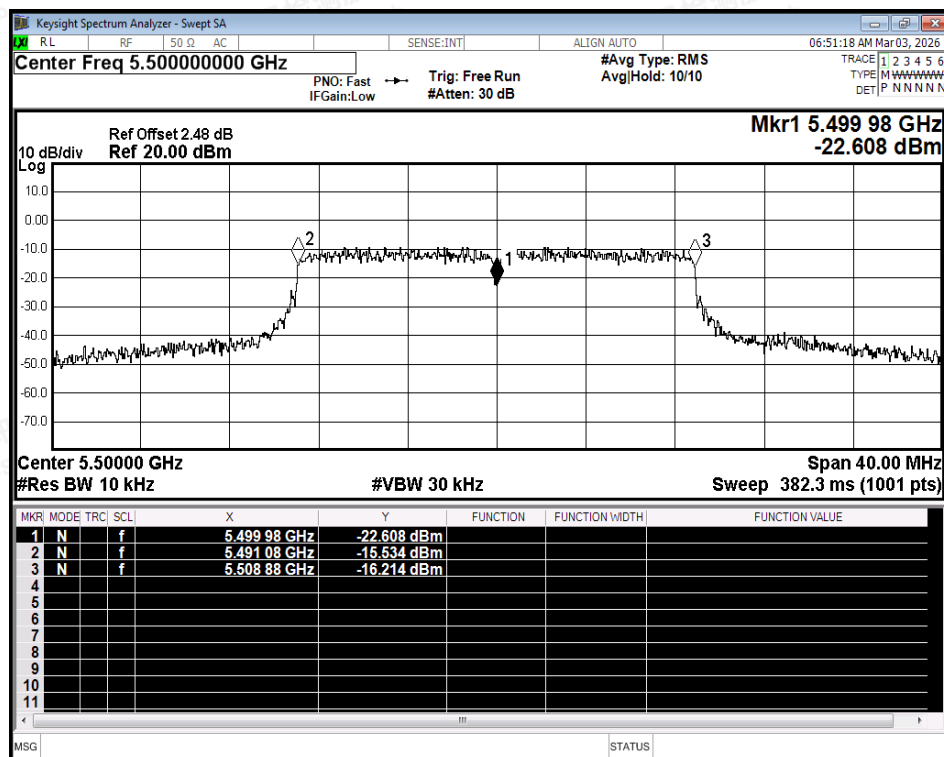
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Freq. Stability NVNT n40 5670MHz Ant1



Freq. Stability NVNT ac20 5500MHz Ant1

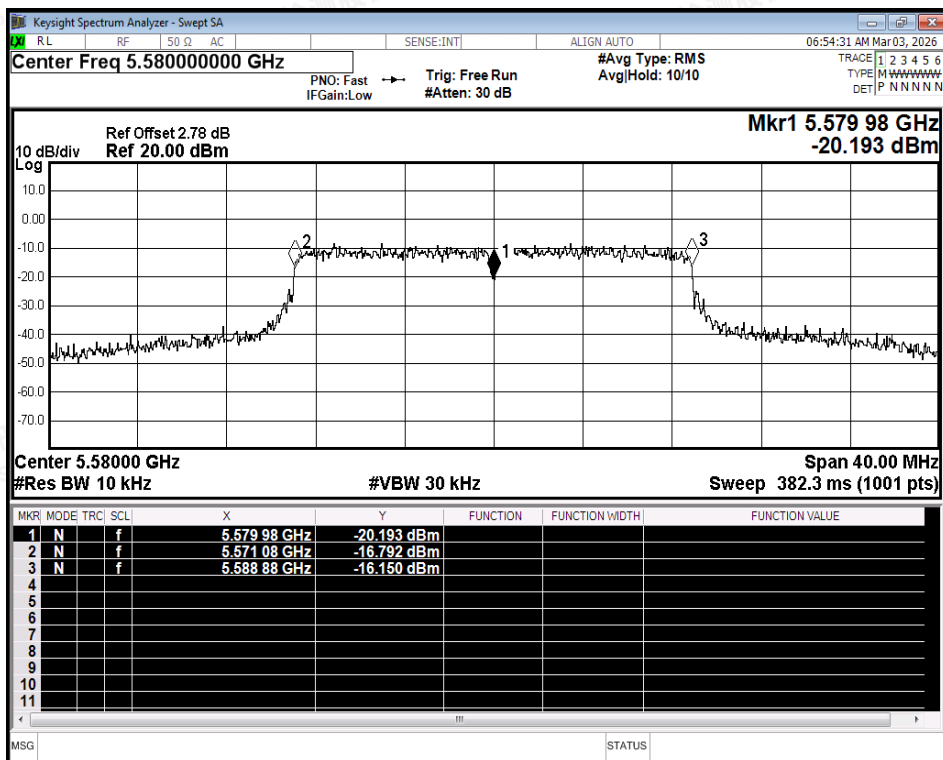


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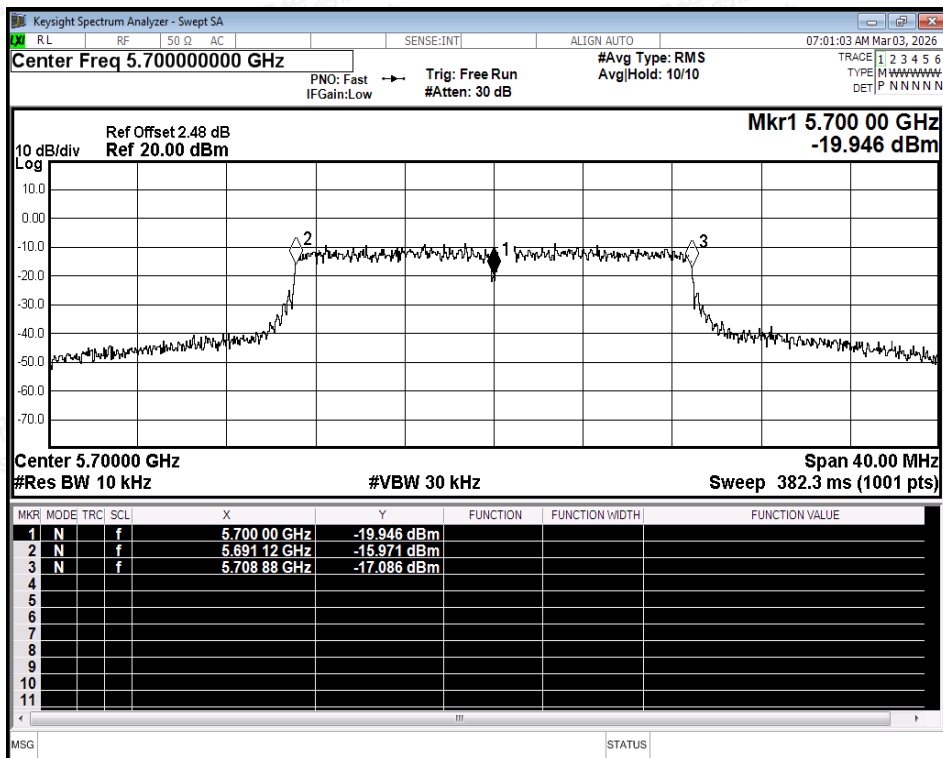
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Freq. Stability NVNT ac20 5580MHz Ant1



Freq. Stability NVNT ac20 5700MHz Ant1

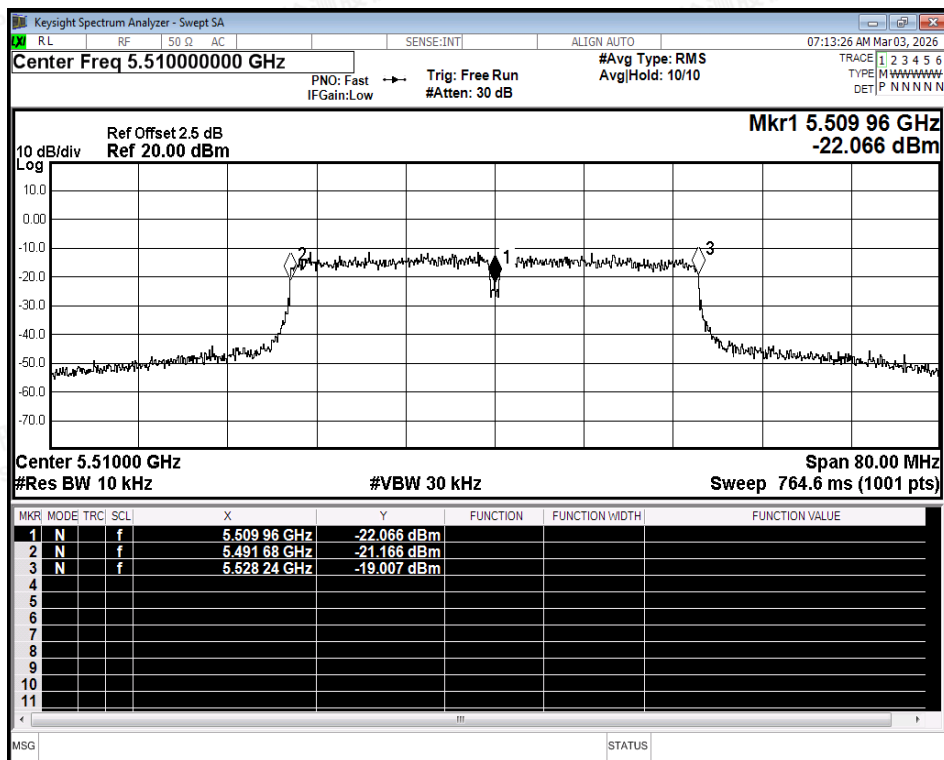


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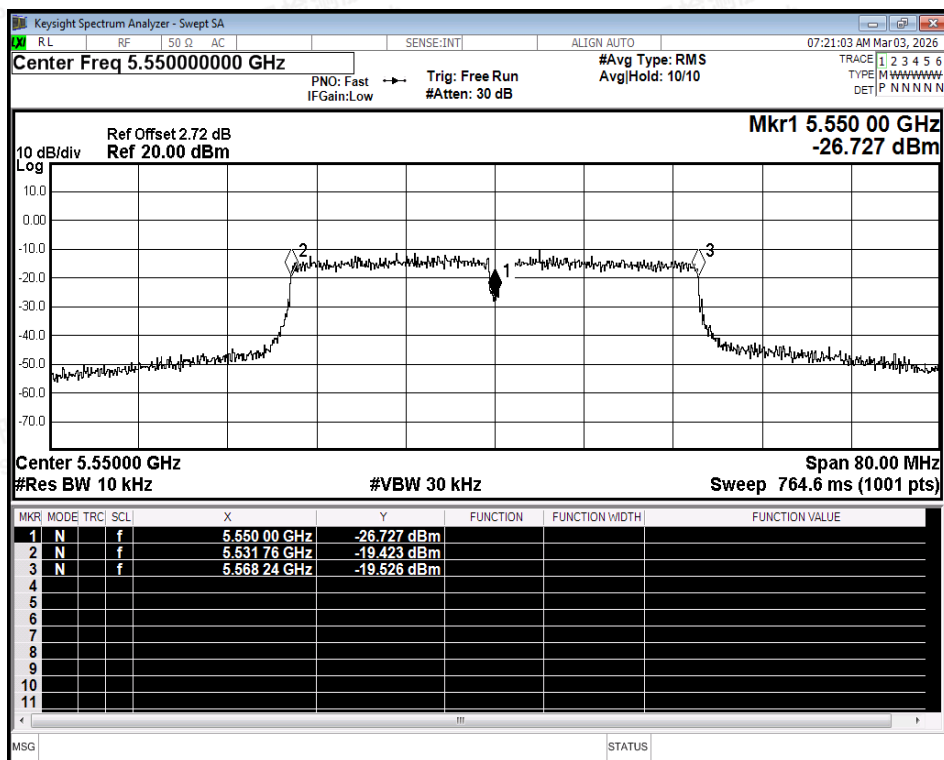
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Freq. Stability NVNT ac40 5550MHz Ant1

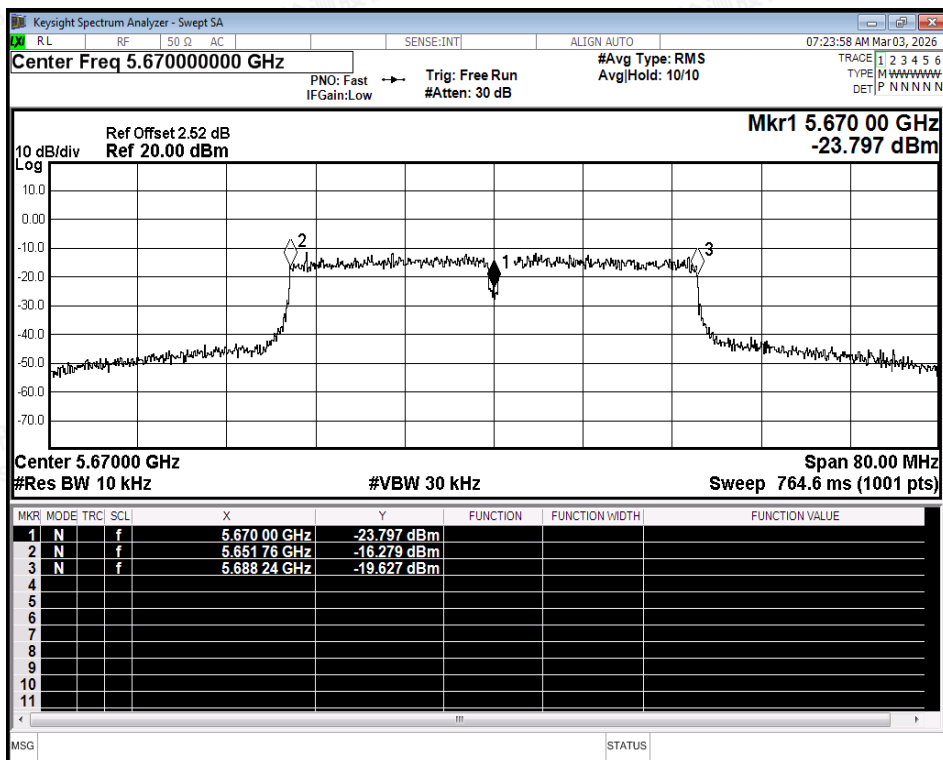


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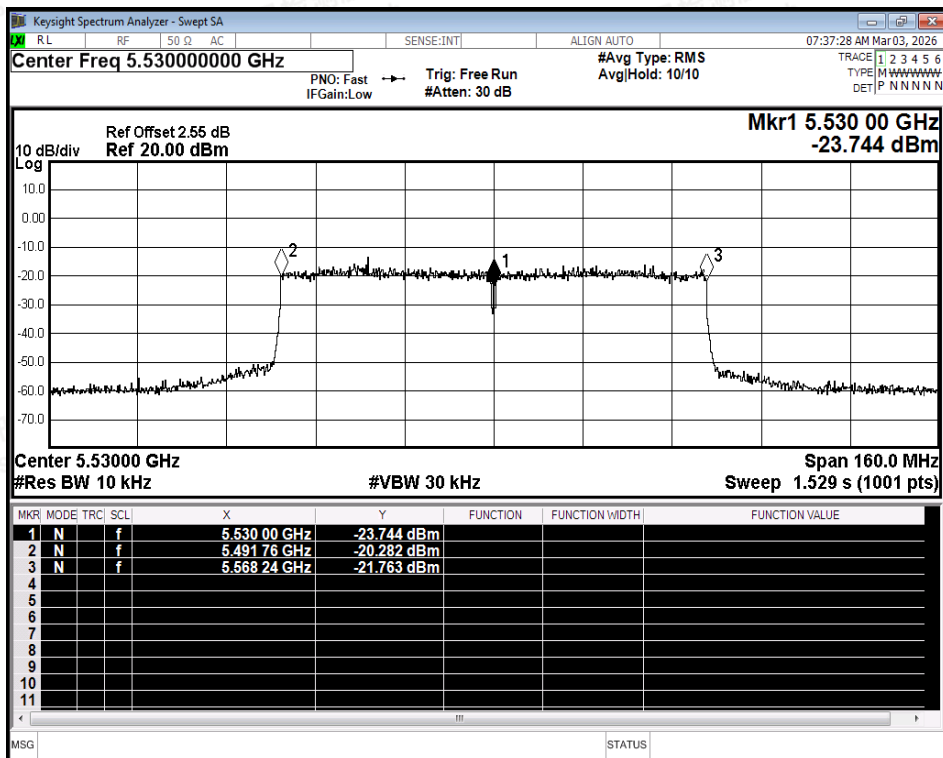
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Freq. Stability NVNT ac40 5670MHz Ant1



Freq. Stability NVNT ac80 5530MHz Ant1

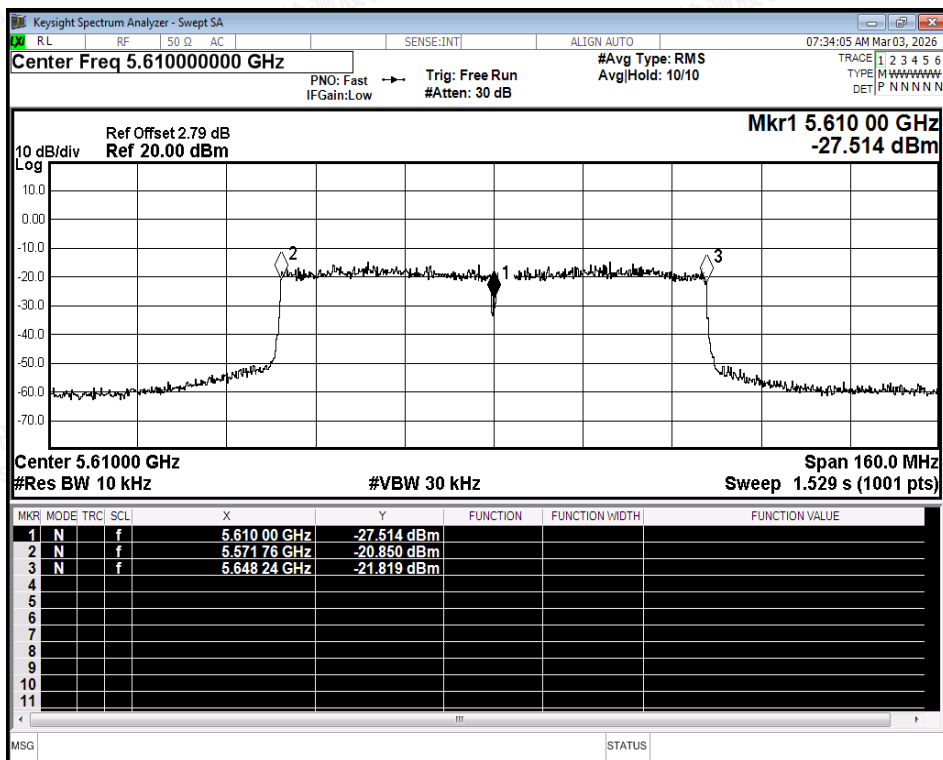


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Freq. Stability NVNT ac80 5610MHz Ant1



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F.6 Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	97.46	0.11	0.37
NVNT	a	5580	Ant1	97.83	0.1	0.37
NVNT	a	5700	Ant1	97.83	0.1	0.37
NVNT	n20	5500	Ant1	97	0.13	0.44
NVNT	n20	5580	Ant1	97	0.13	0.44
NVNT	n20	5700	Ant1	97	0.13	0.44
NVNT	n40	5510	Ant1	94.07	0.27	0.9
NVNT	n40	5550	Ant1	94.87	0.23	0.9
NVNT	n40	5670	Ant1	94.07	0.27	0.9
NVNT	ac20	5500	Ant1	97.42	0.11	0.44
NVNT	ac20	5580	Ant1	97.42	0.11	0.44
NVNT	ac20	5700	Ant1	97	0.13	0.44
NVNT	ac40	5510	Ant1	94.87	0.23	0.9
NVNT	ac40	5550	Ant1	94.87	0.23	0.9
NVNT	ac40	5670	Ant1	94.07	0.27	0.9
NVNT	ac80	5530	Ant1	88.33	0.54	1.89
NVNT	ac80	5610	Ant1	90	0.46	1.85

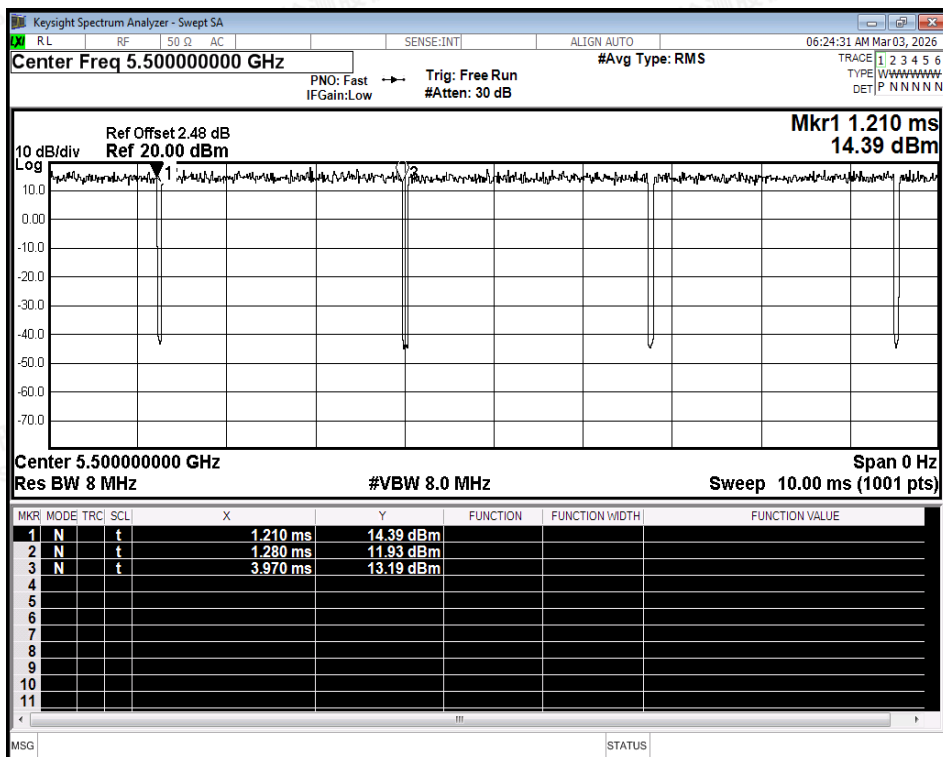


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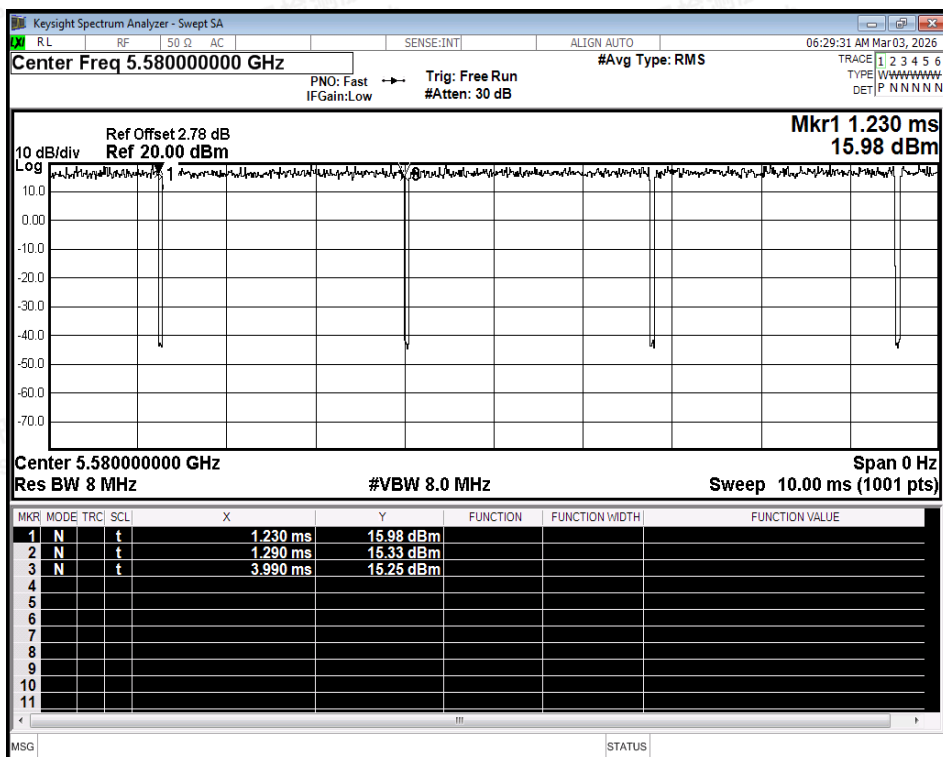
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Duty Cycle NVNT a 5500MHz Ant1



Duty Cycle NVNT a 5580MHz Ant1

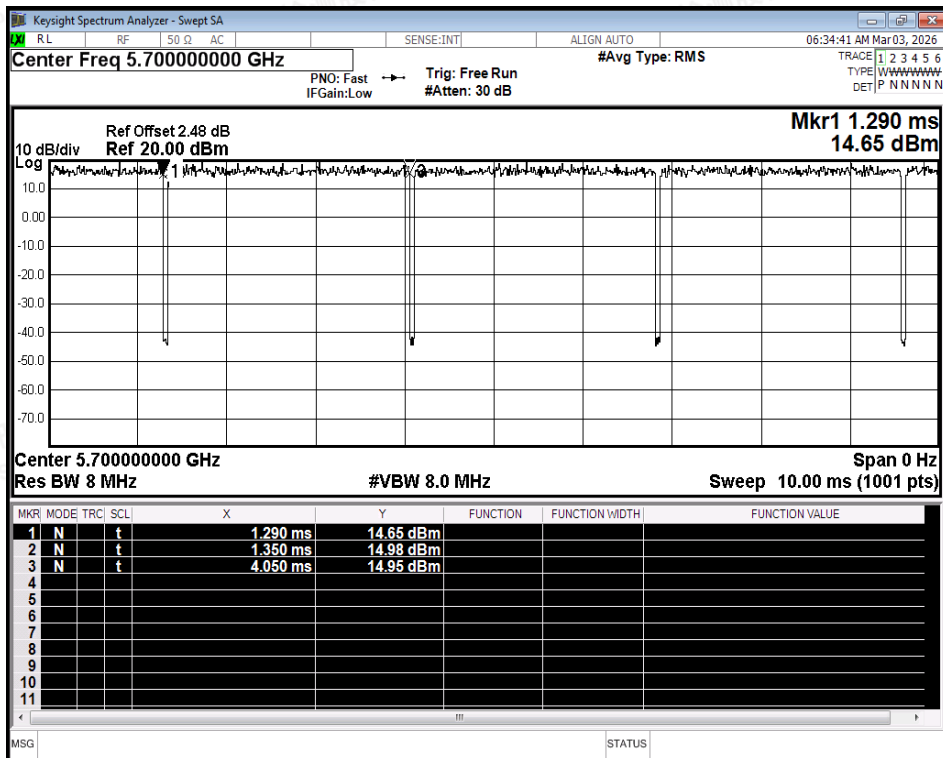


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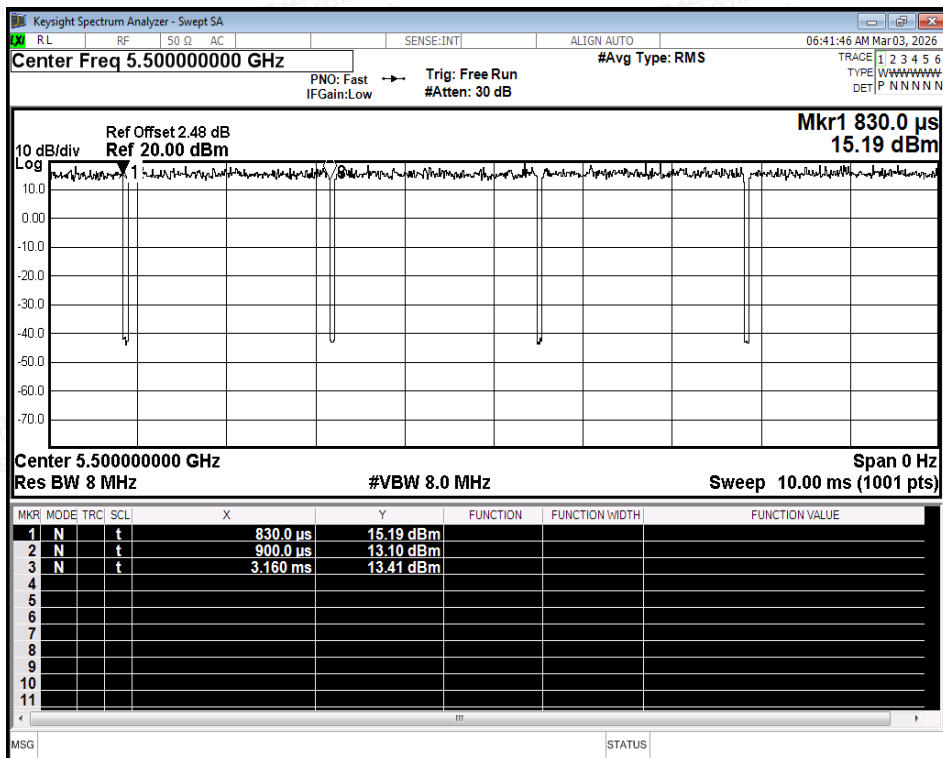
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Duty Cycle NVNT a 5700MHz Ant1



Duty Cycle NVNT n20 5500MHz Ant1

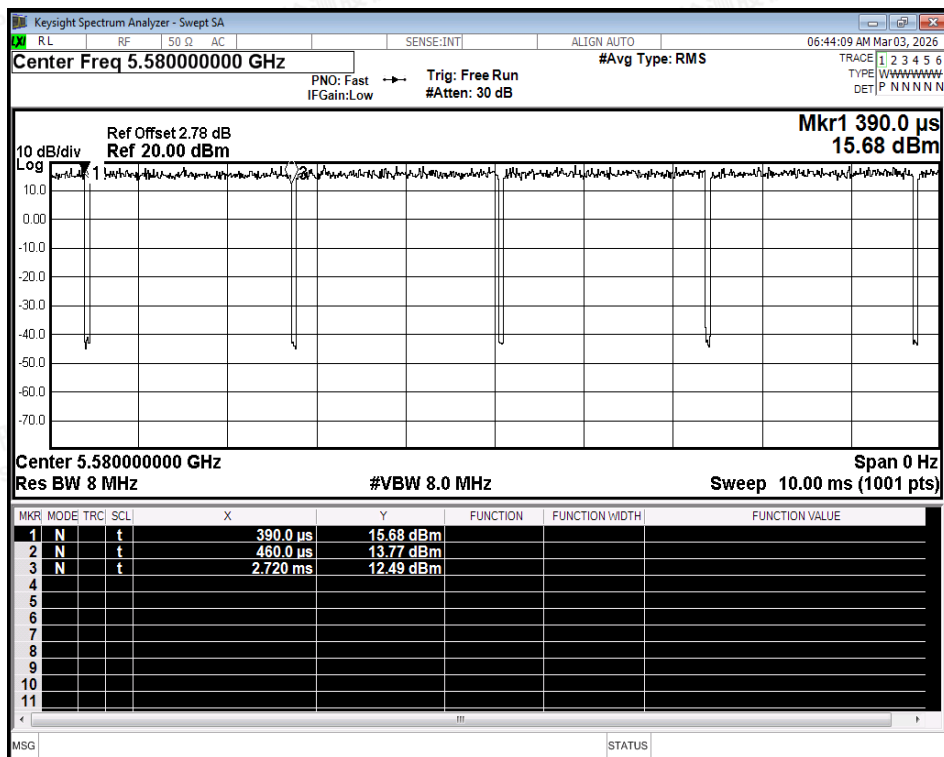


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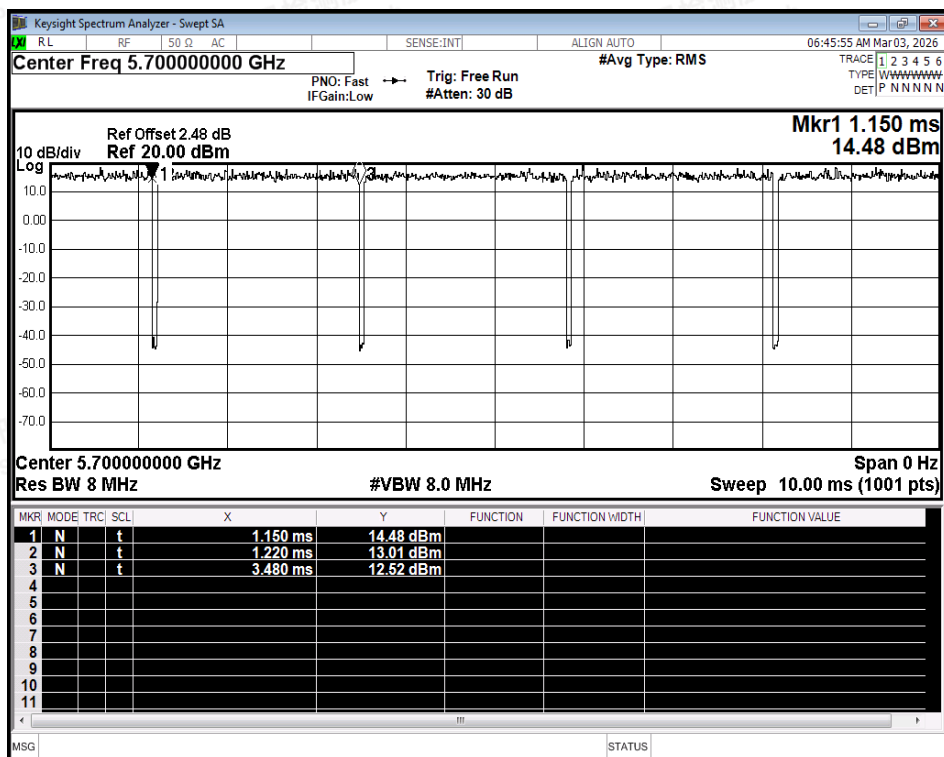
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Duty Cycle NVNT n20 5580MHz Ant1



Duty Cycle NVNT n20 5700MHz Ant1

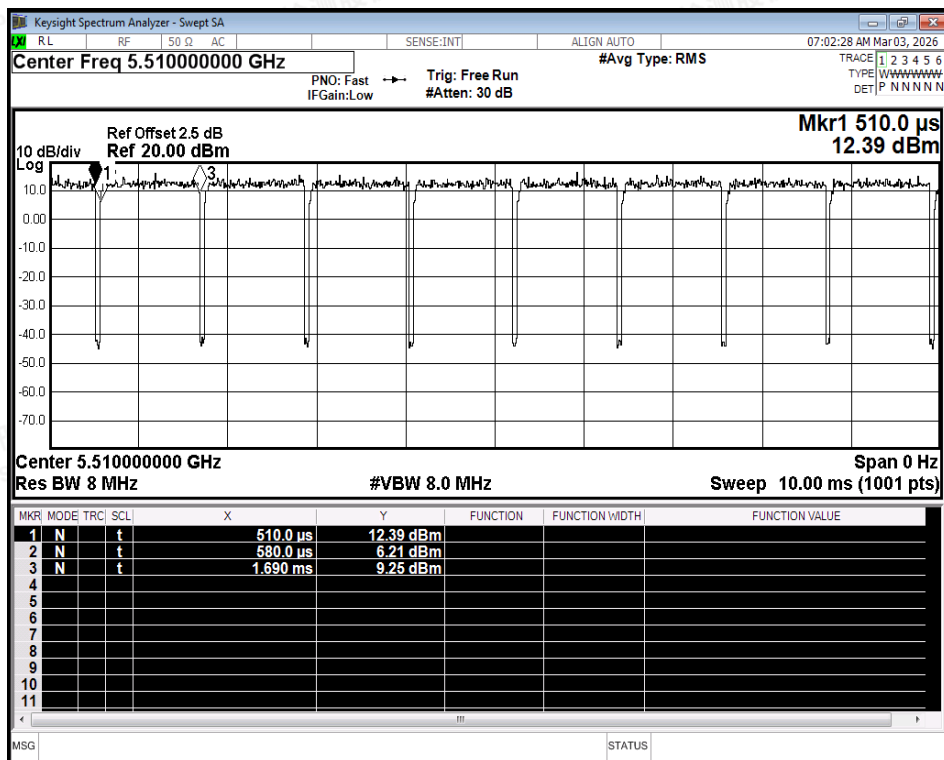


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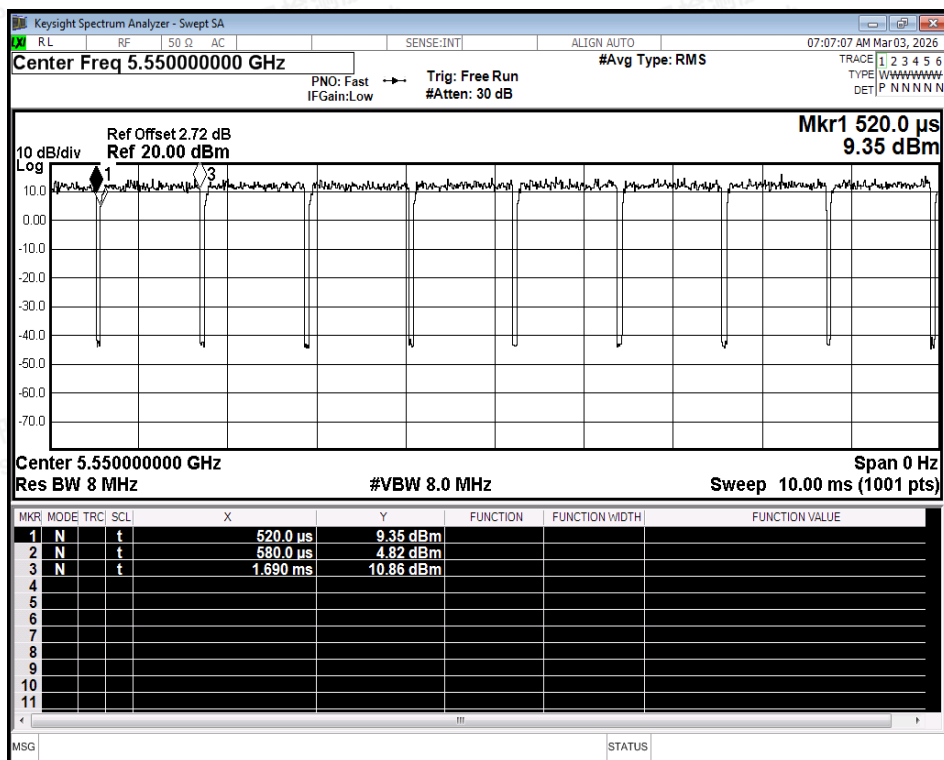
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Duty Cycle NVNT n40 5510MHz Ant1



Duty Cycle NVNT n40 5550MHz Ant1

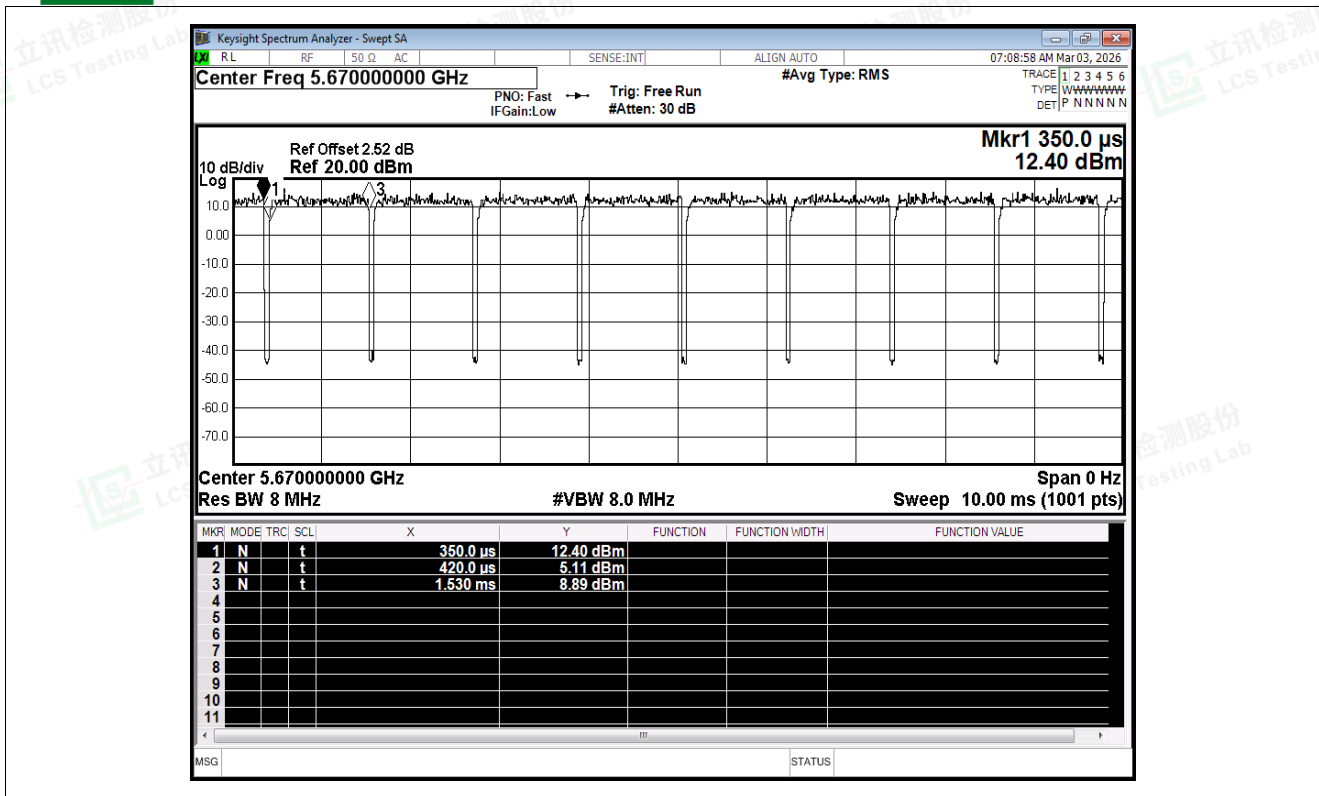


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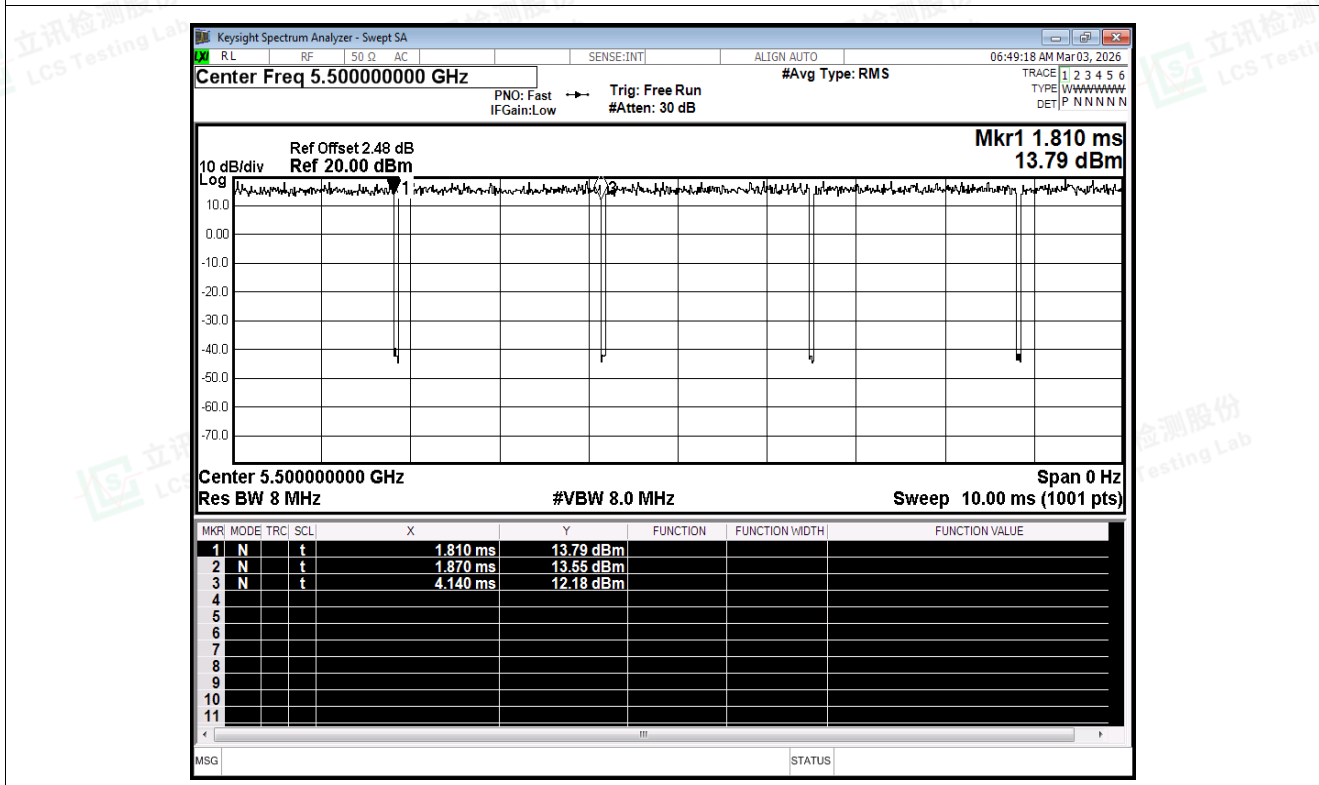
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Duty Cycle NVNT n40 5670MHz Ant1



Duty Cycle NVNT ac20 5500MHz Ant1

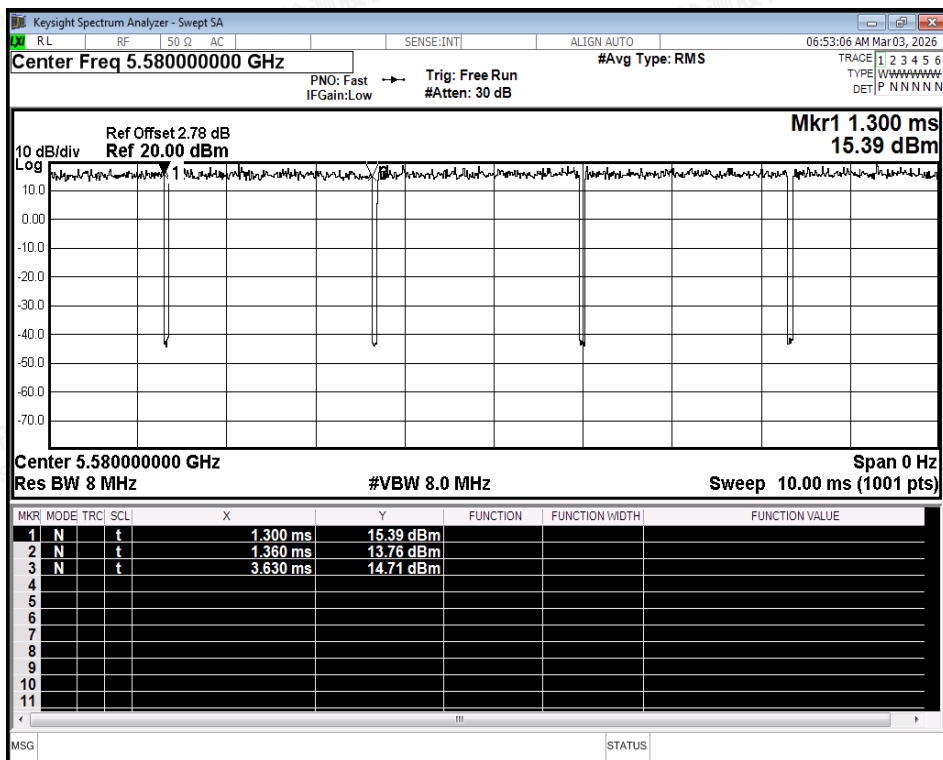


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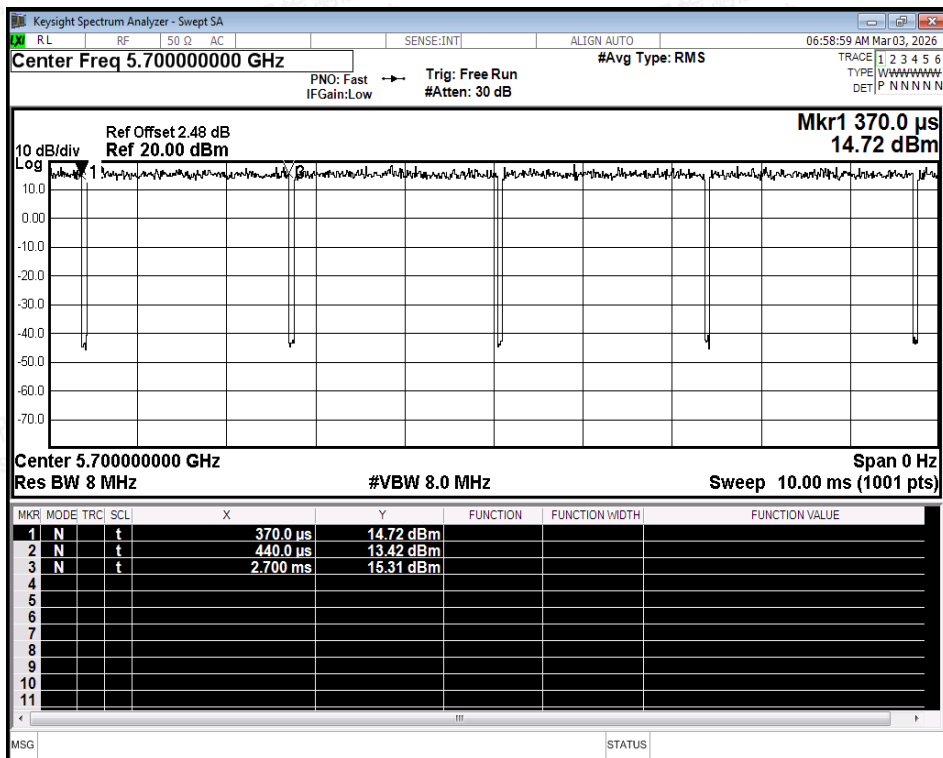
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Duty Cycle NVNT ac20 5580MHz Ant1



Duty Cycle NVNT ac20 5700MHz Ant1

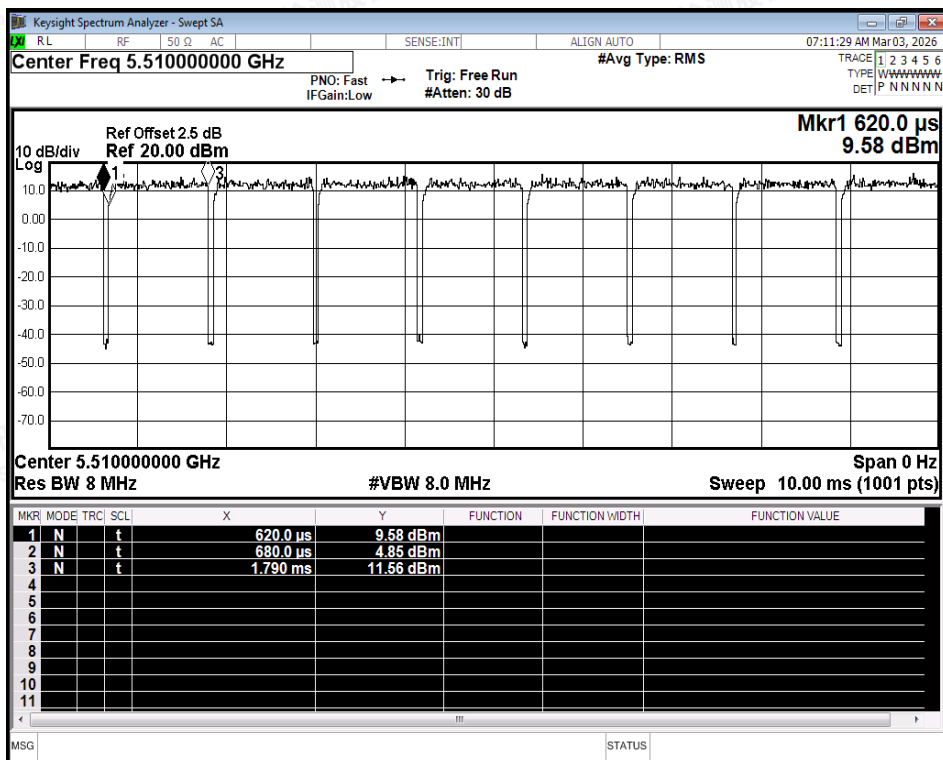


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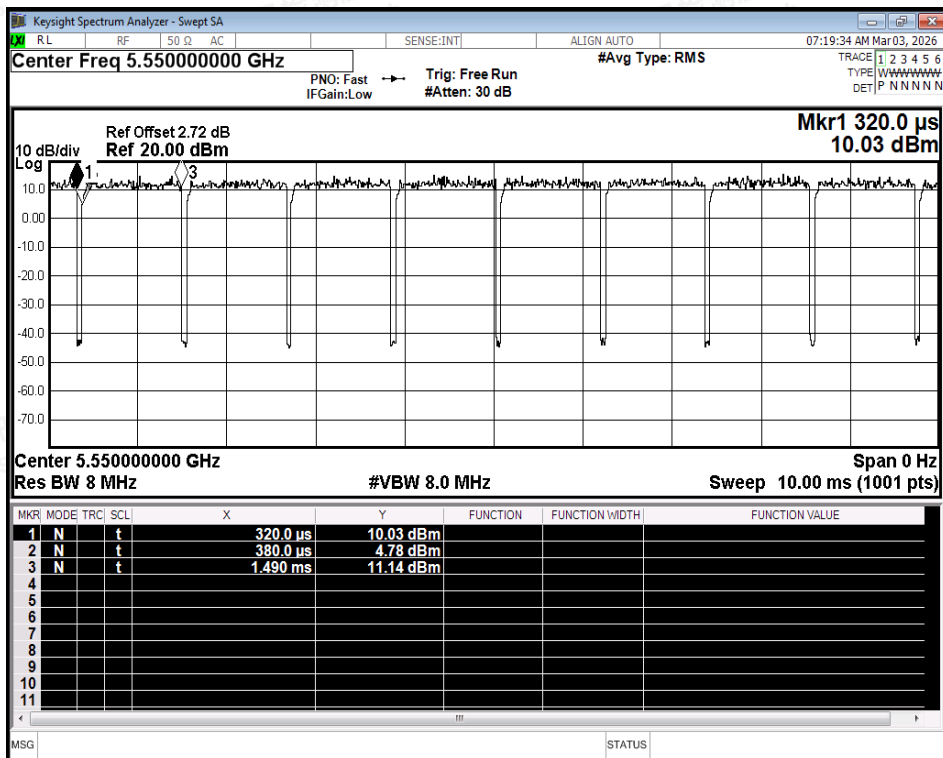
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Duty Cycle NVNT ac40 5510MHz Ant1



Duty Cycle NVNT ac40 5550MHz Ant1

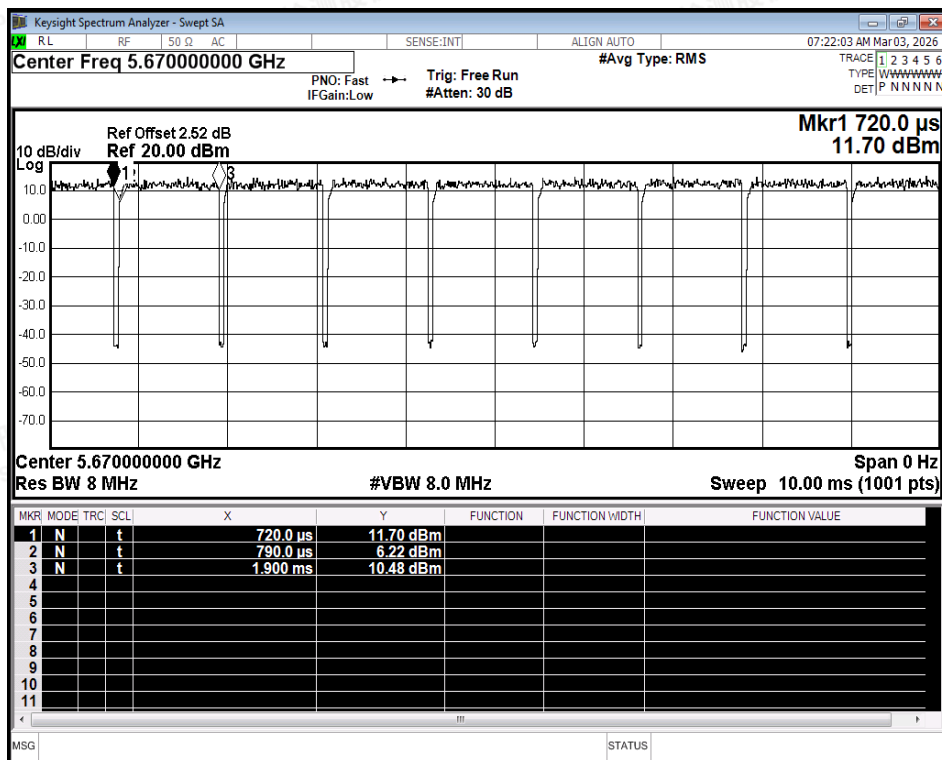


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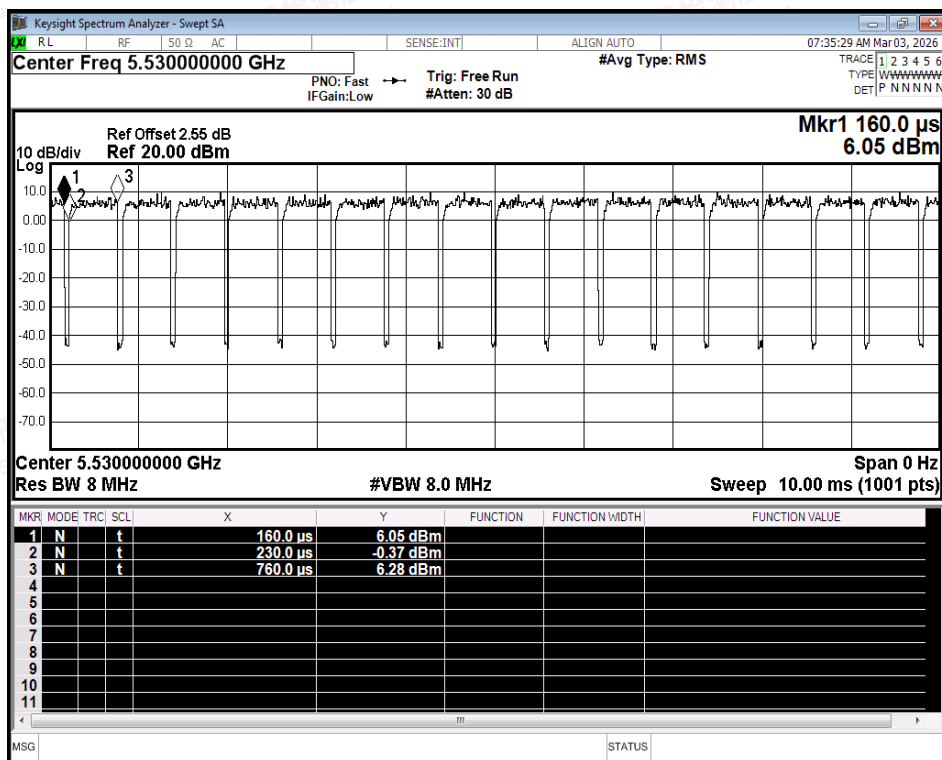
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Duty Cycle NVNT ac40 5670MHz Ant1



Duty Cycle NVNT ac80 5530MHz Ant1

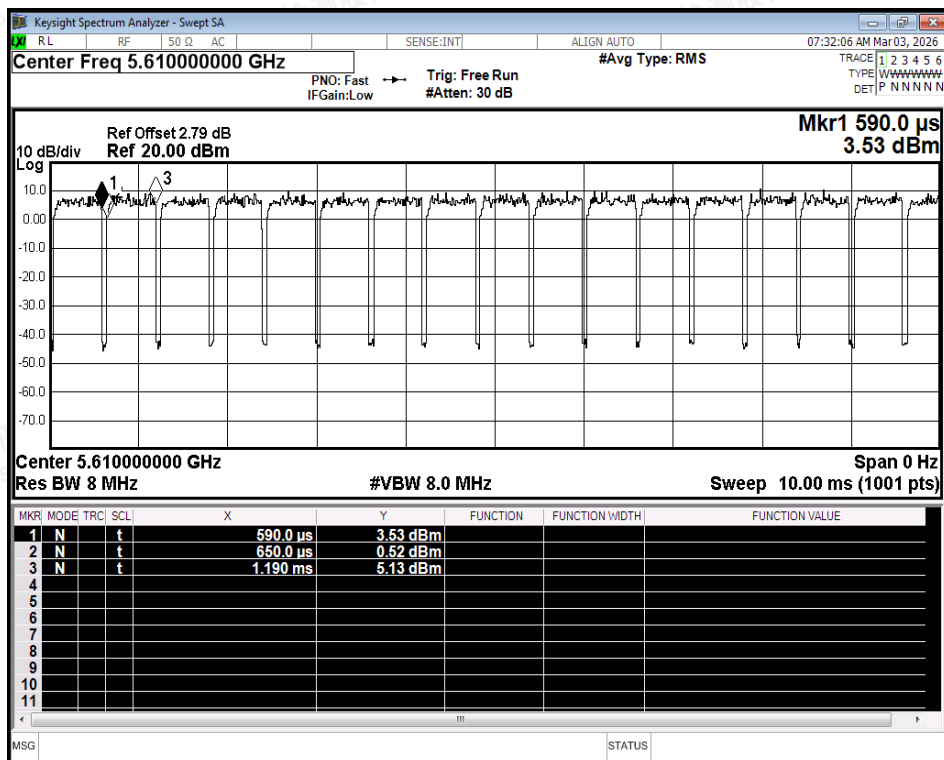


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