

Appendix F

RF Test Data for 5.5GWIFI(Conducted Measurement)

Product Name: Android TV Box

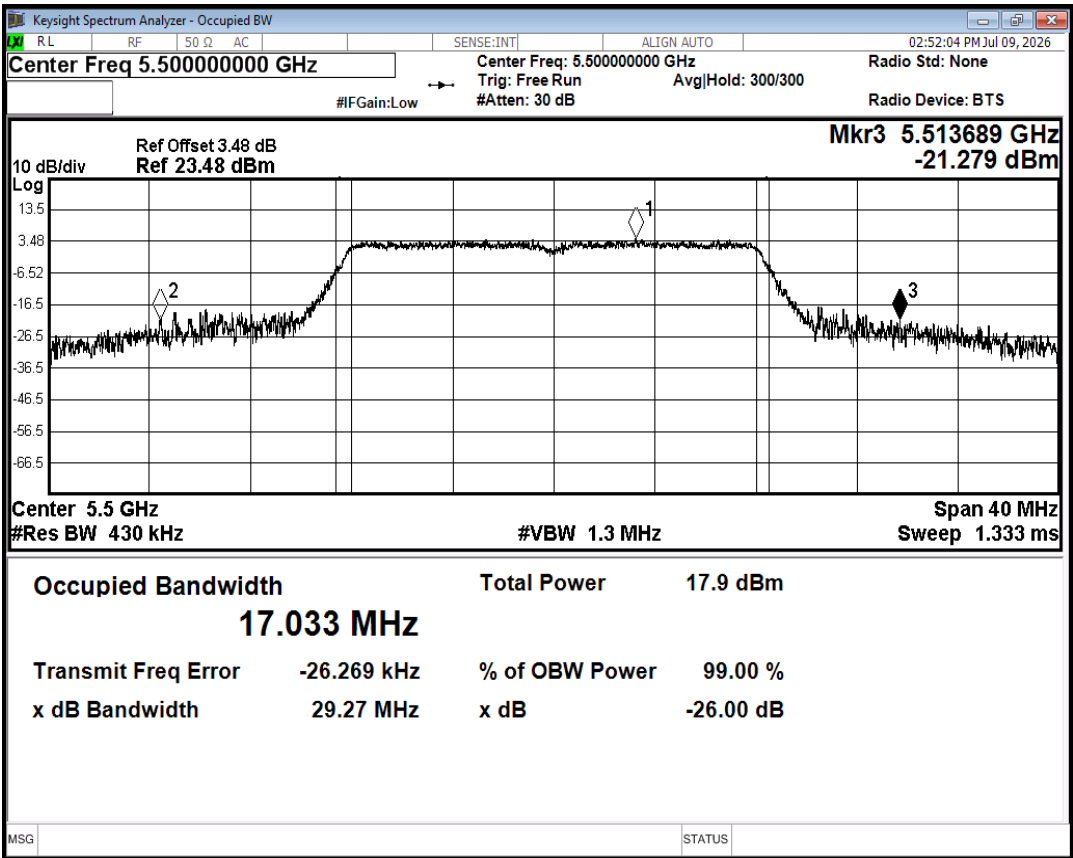
Test Model: Q11

Environmental Conditions

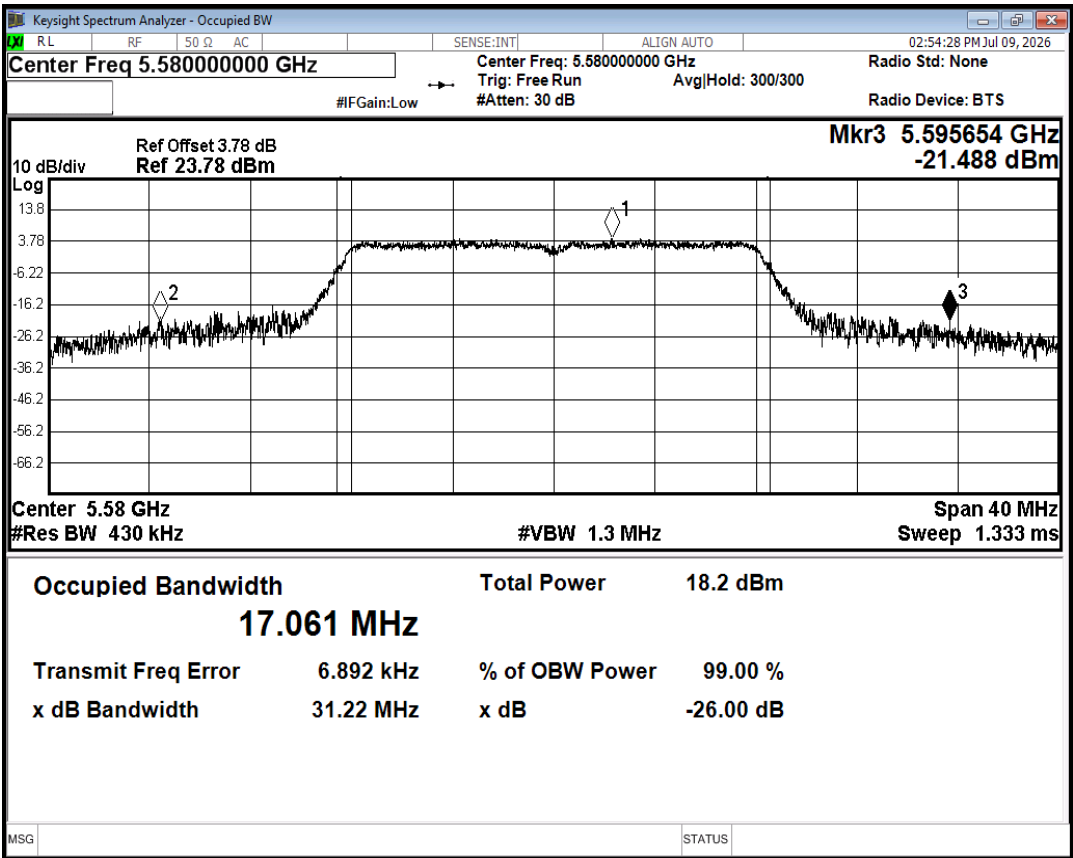
Temperature:	23.1°C
Relative Humidity:	52.9%
ATM Pressure:	100.0 kPa
Test Engineer:	Suichao Lai
Supervised by:	Fengliu Tang

F.1 -26dB Bandwidth

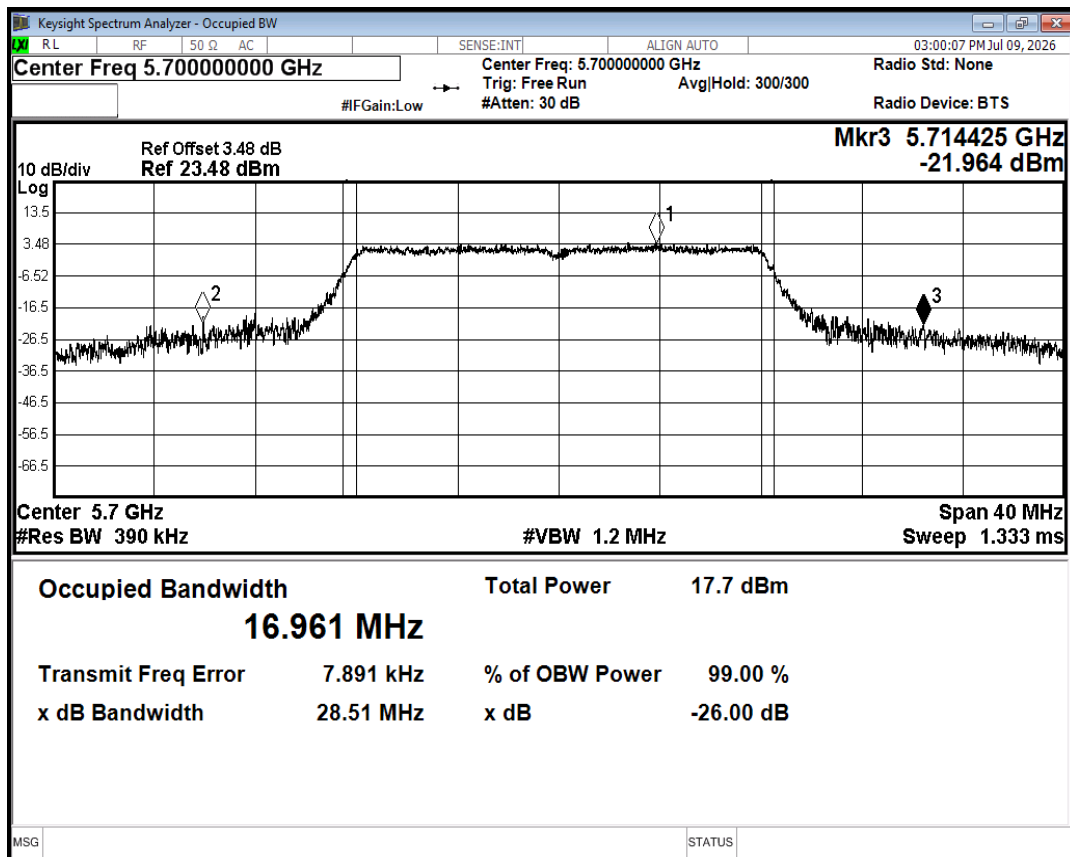
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5500	Ant1	29.27
NVNT	a	5580	Ant1	31.22
NVNT	a	5700	Ant1	28.51
NVNT	n20	5500	Ant1	32.7
NVNT	n20	5580	Ant1	31.82
NVNT	n20	5700	Ant1	33.82
NVNT	n40	5510	Ant1	56.11
NVNT	n40	5550	Ant1	48.63
NVNT	n40	5670	Ant1	53.06
NVNT	ac20	5500	Ant1	32.64
NVNT	ac20	5580	Ant1	32.79
NVNT	ac20	5700	Ant1	32.53
NVNT	ac40	5510	Ant1	58.93
NVNT	ac40	5550	Ant1	53.62
NVNT	ac40	5670	Ant1	50.47
NVNT	ac80	5530	Ant1	85.89
NVNT	ac80	5610	Ant1	86.79



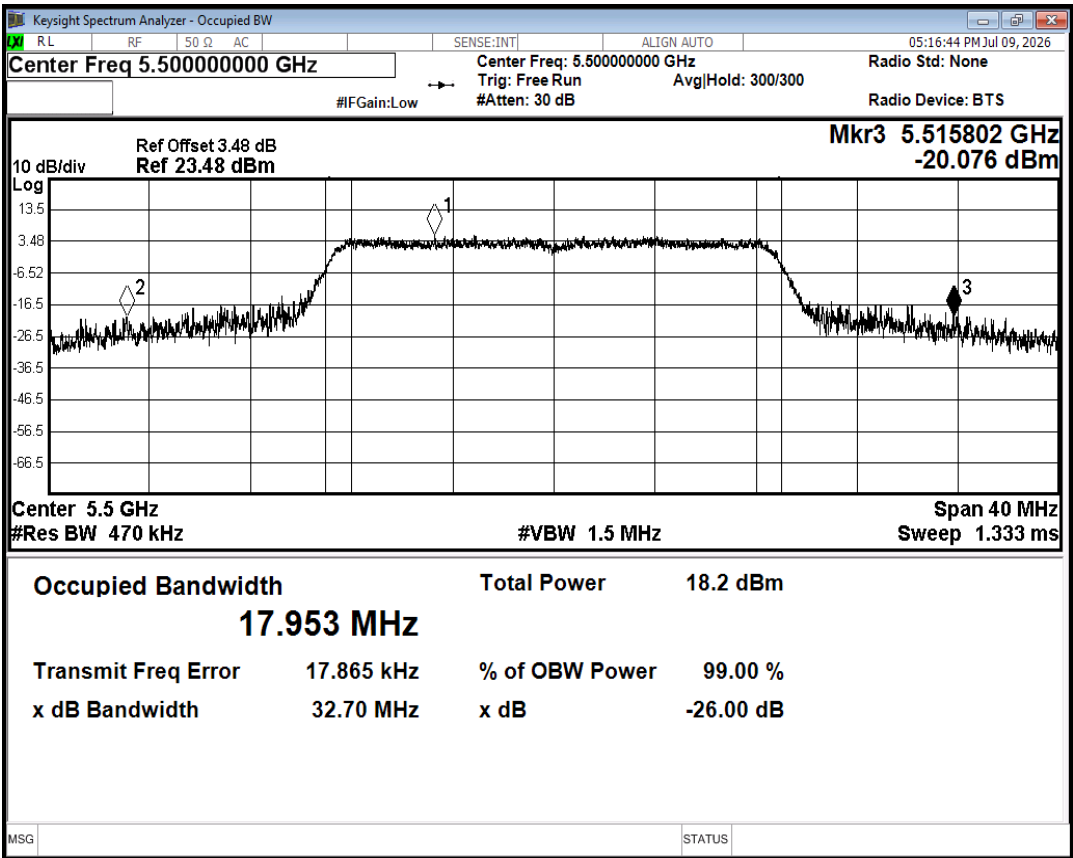
-26dB Bandwidth NVNT a 5500MHz Ant1



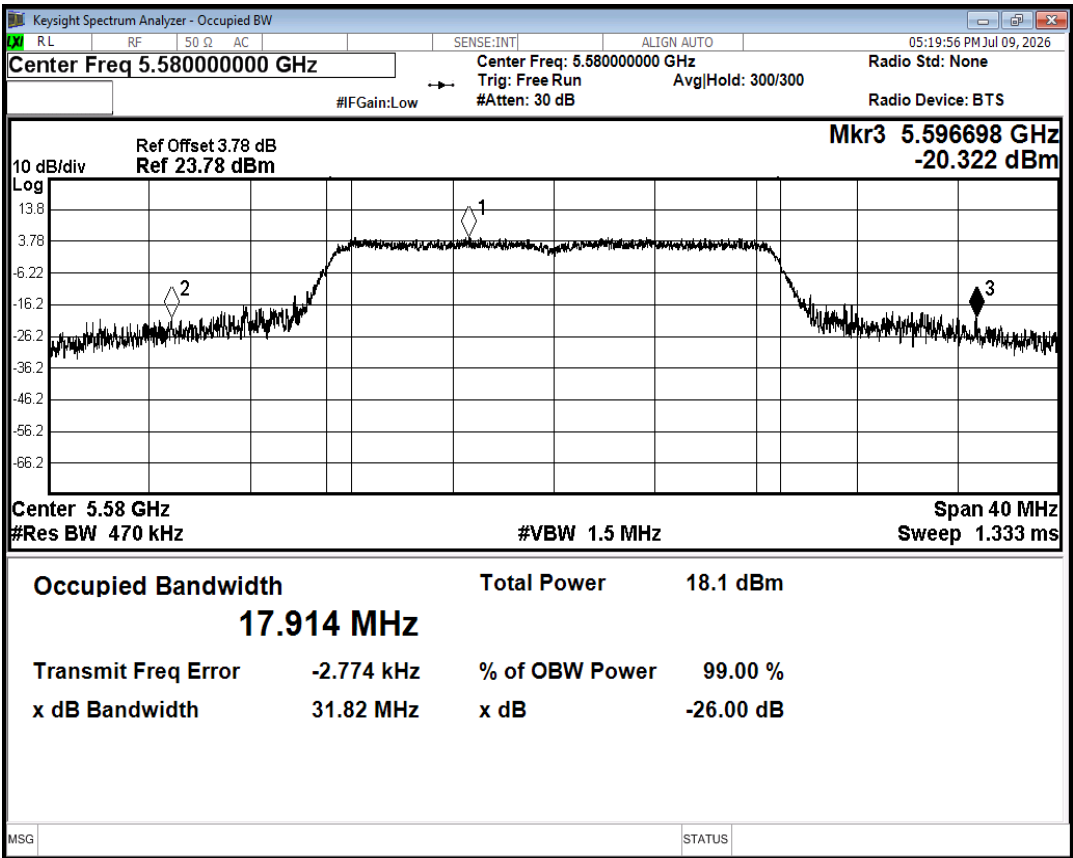
-26dB Bandwidth NVNT a 5580MHz Ant1



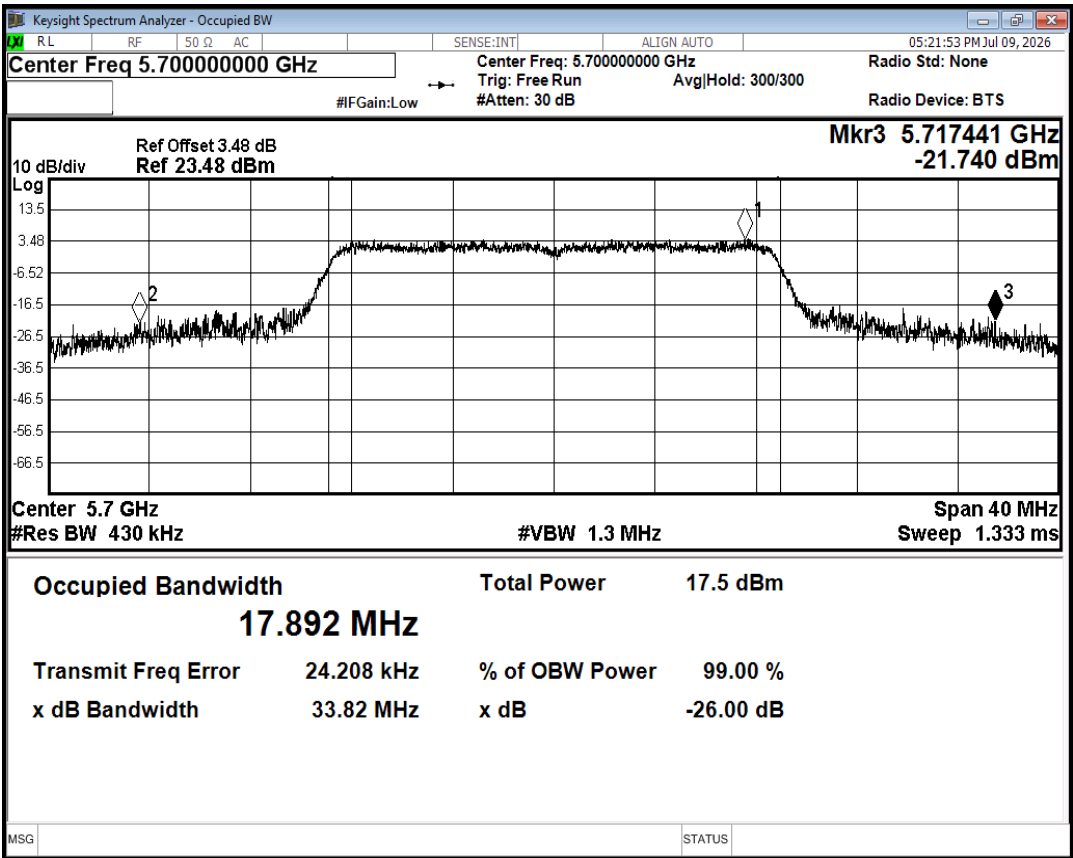
-26dB Bandwidth NVNT a 5700MHz Ant1



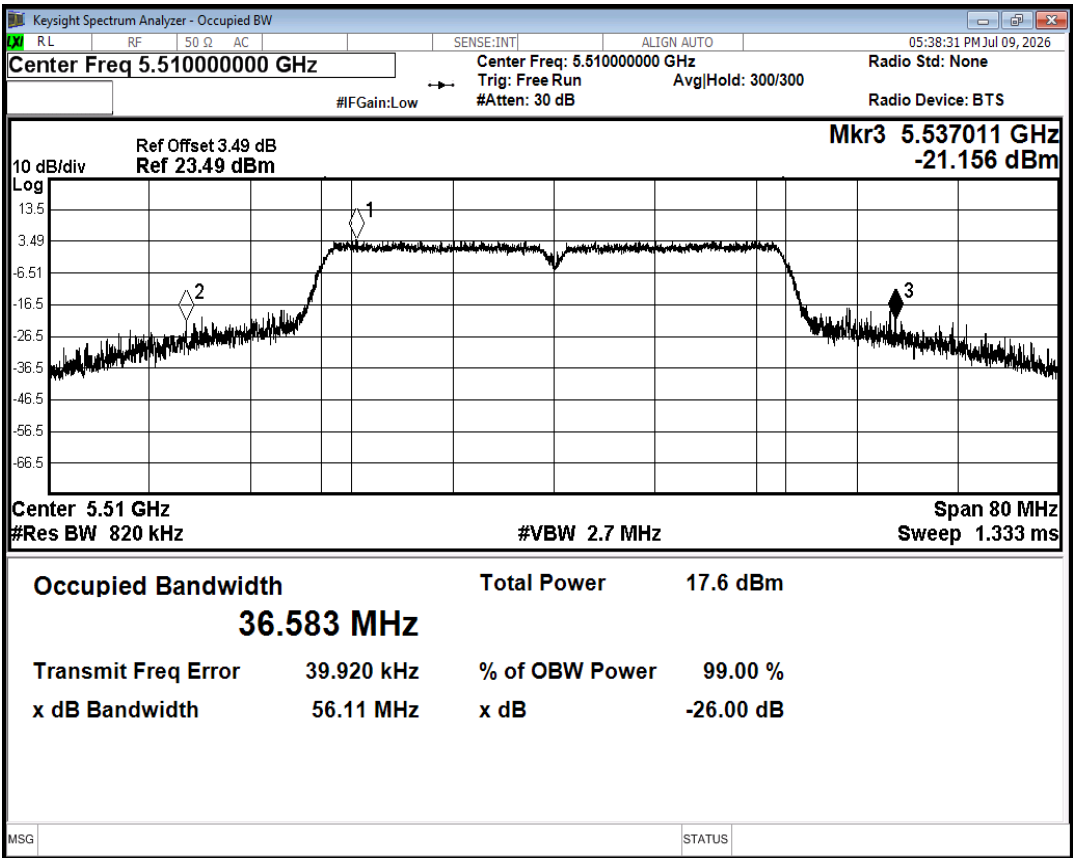
-26dB Bandwidth NVNT n20 5500MHz Ant1



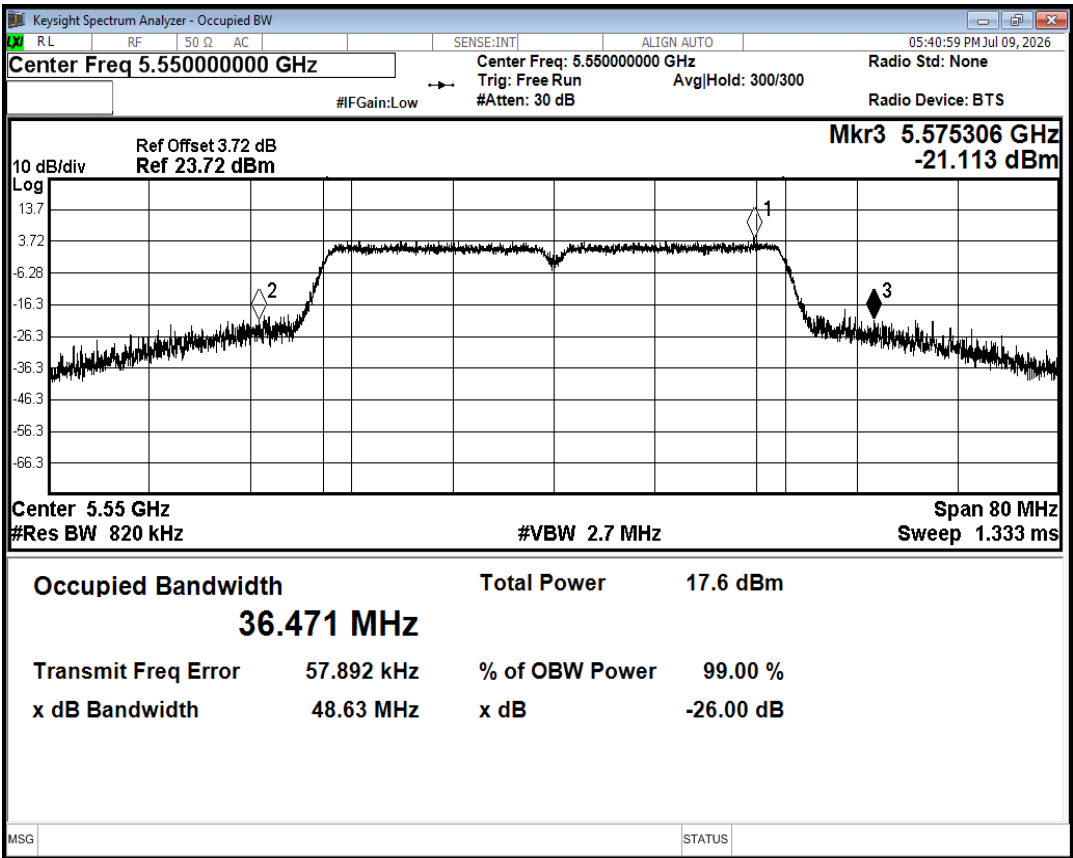
-26dB Bandwidth NVNT n20 5580MHz Ant1



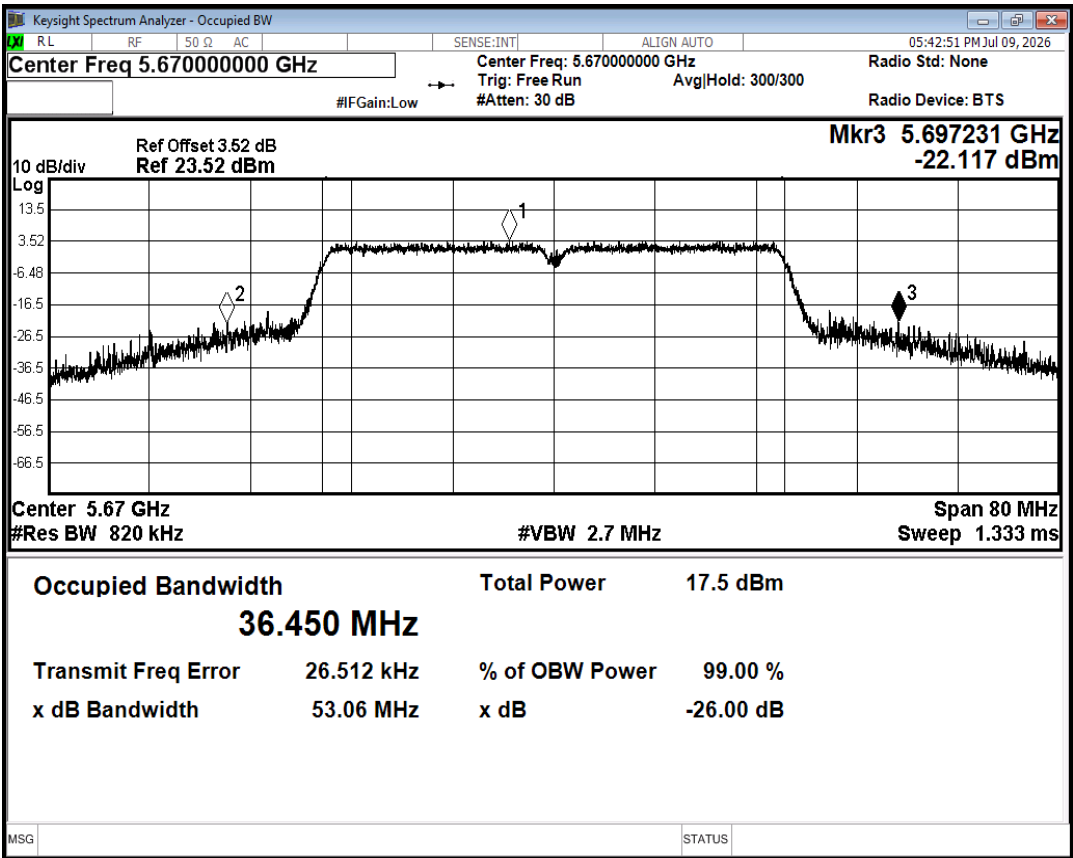
-26dB Bandwidth NVNT n20 5700MHz Ant1



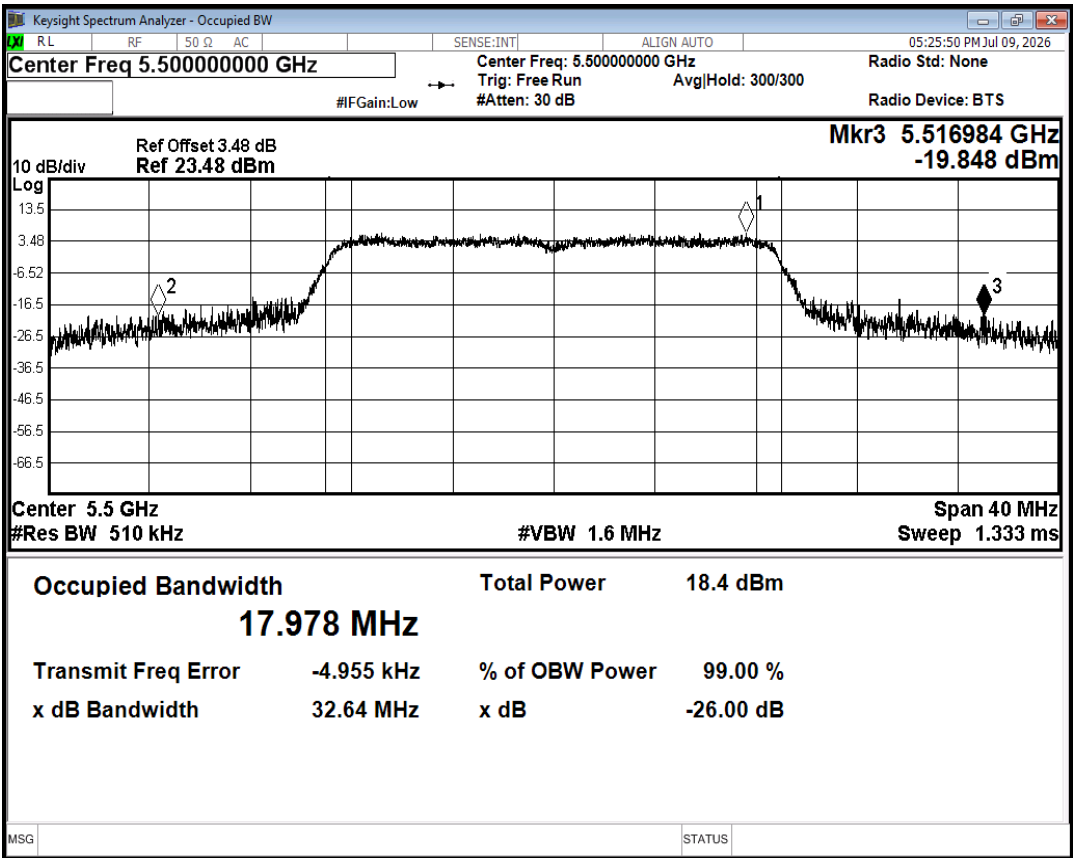
-26dB Bandwidth NVNT n40 5510MHz Ant1



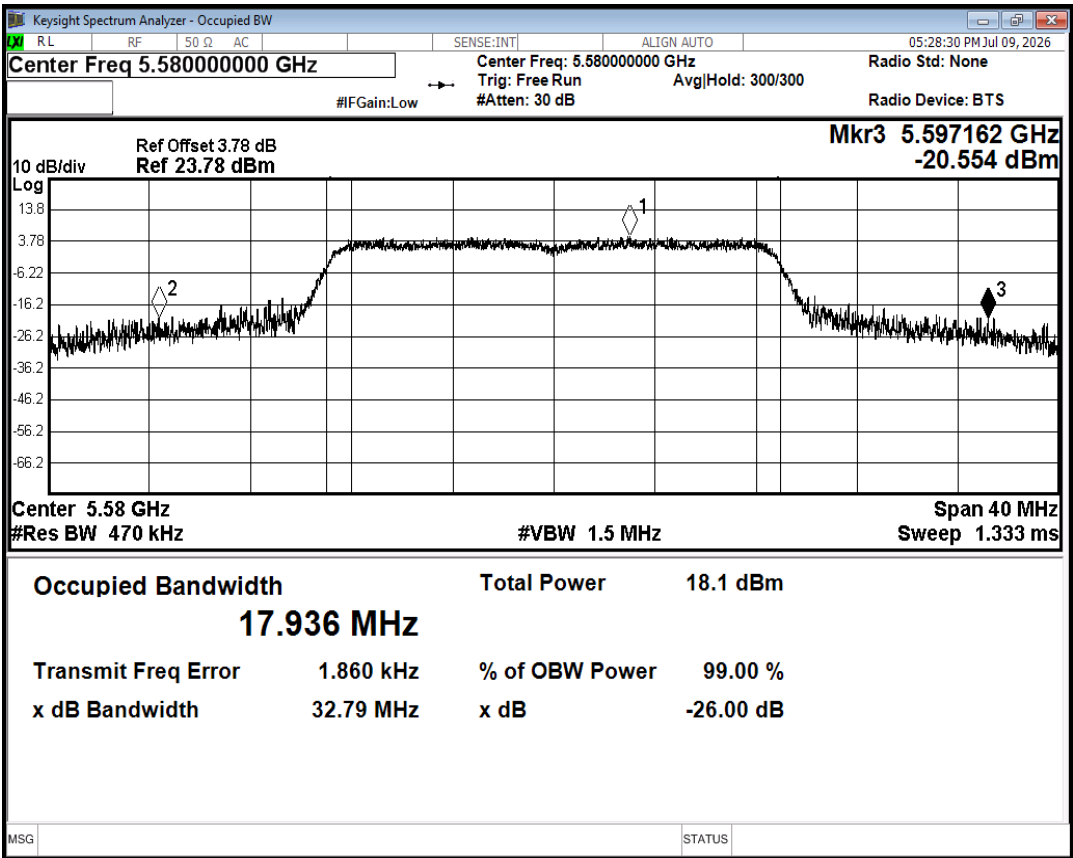
-26dB Bandwidth NVNT n40 5550MHz Ant1



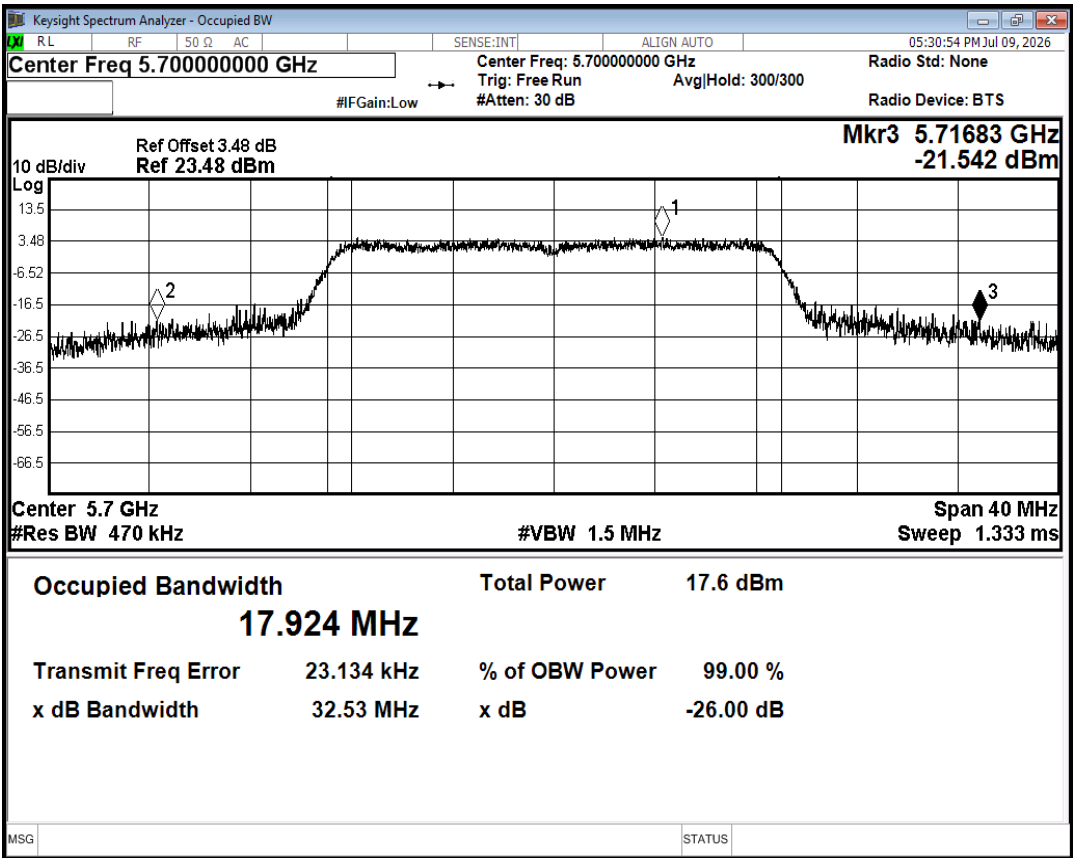
-26dB Bandwidth NVNT n40 5670MHz Ant1



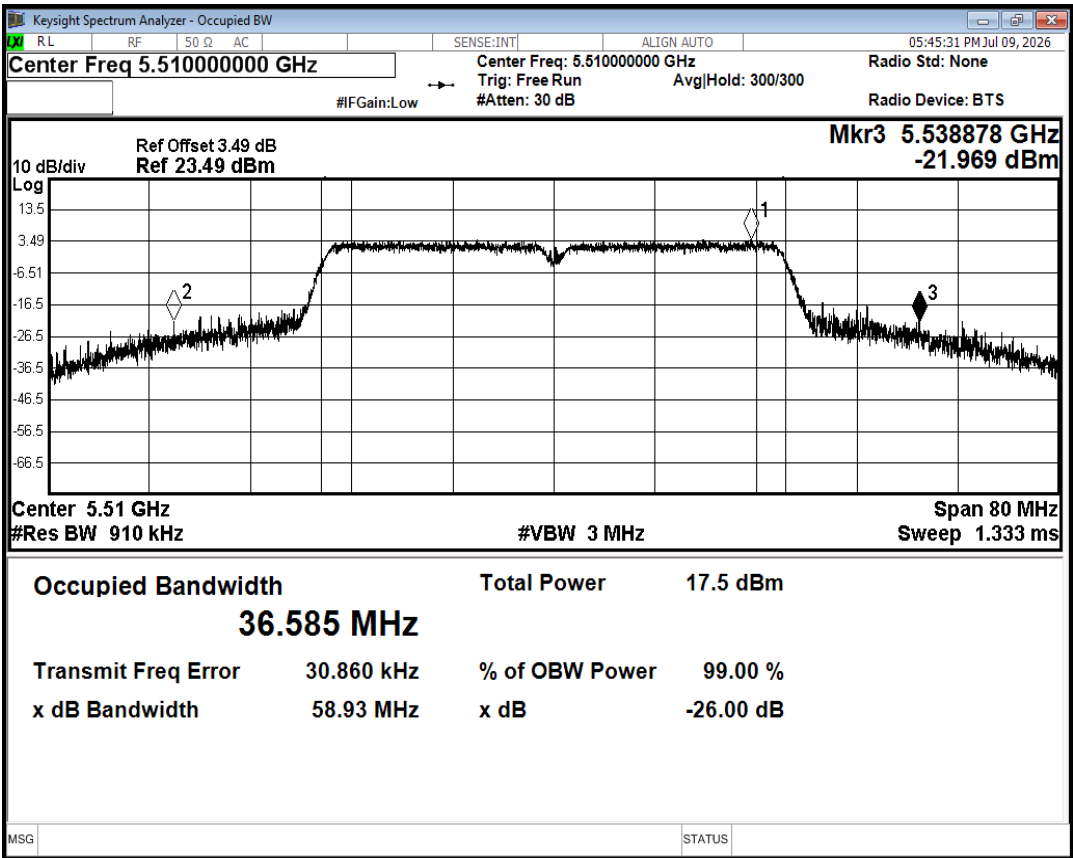
-26dB Bandwidth NVNT ac20 5500MHz Ant1



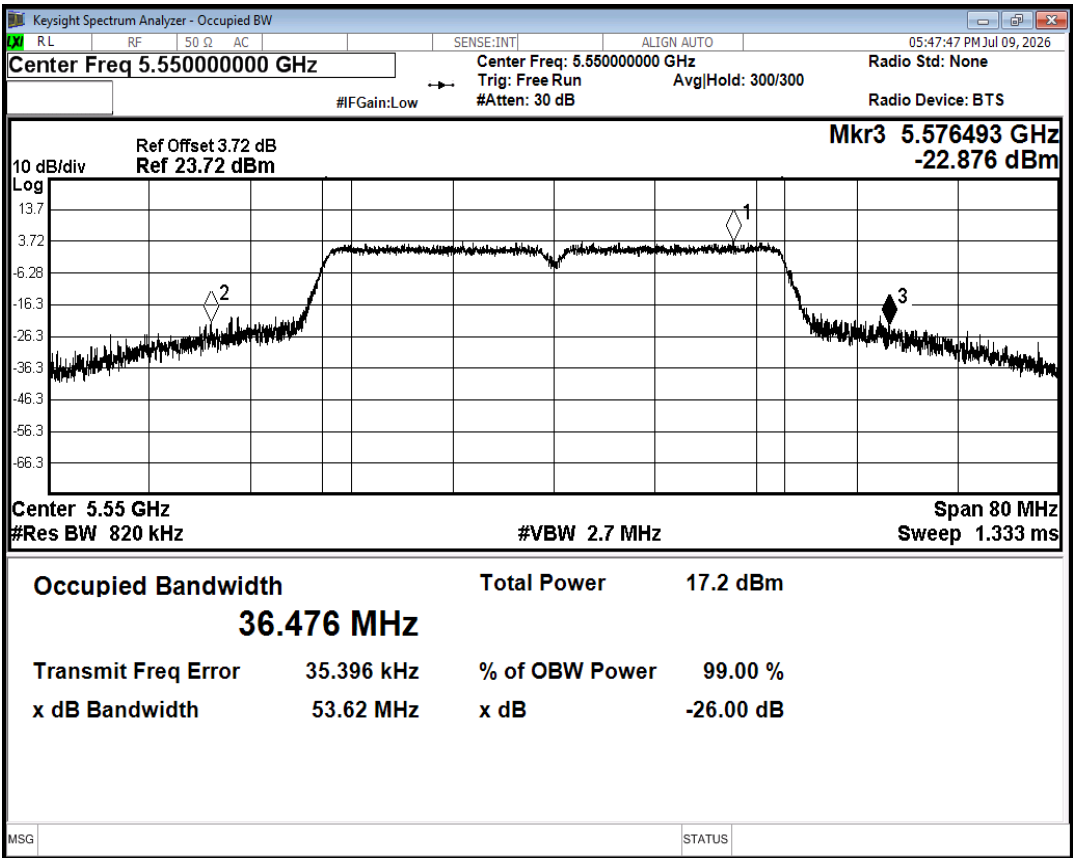
-26dB Bandwidth NVNT ac20 5580MHz Ant1



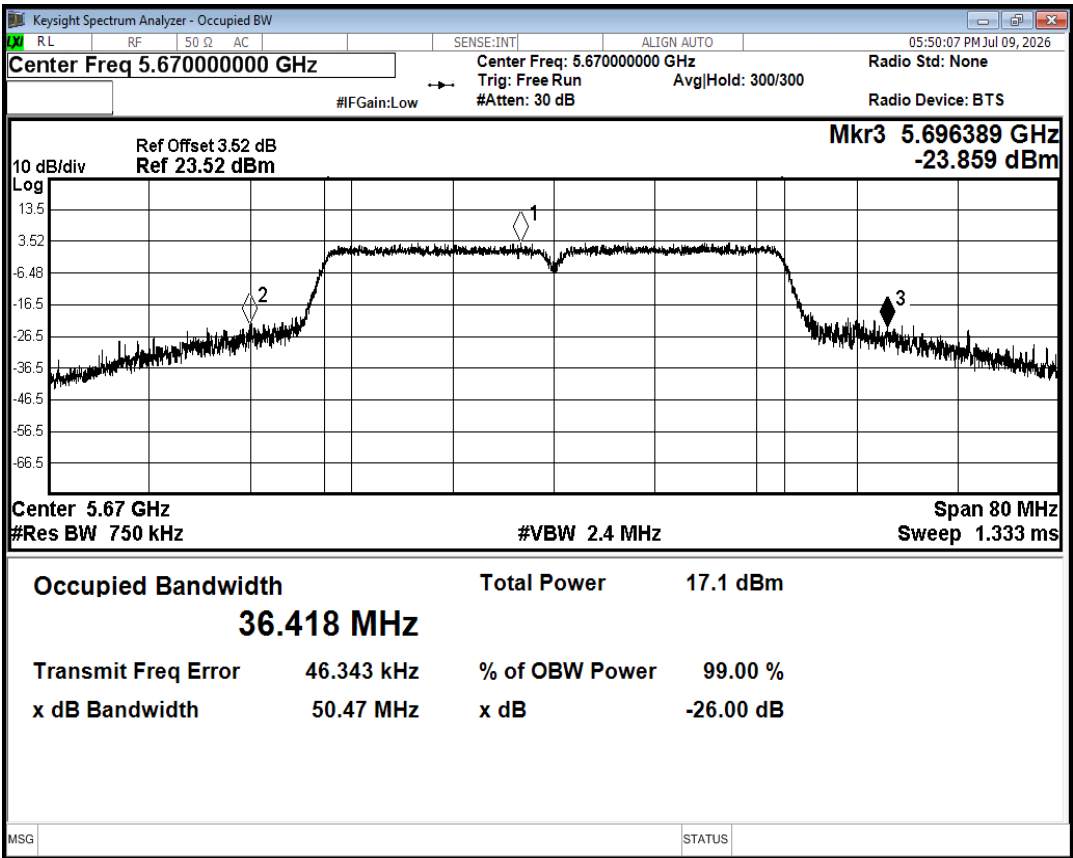
-26dB Bandwidth NVNT ac20 5700MHz Ant1



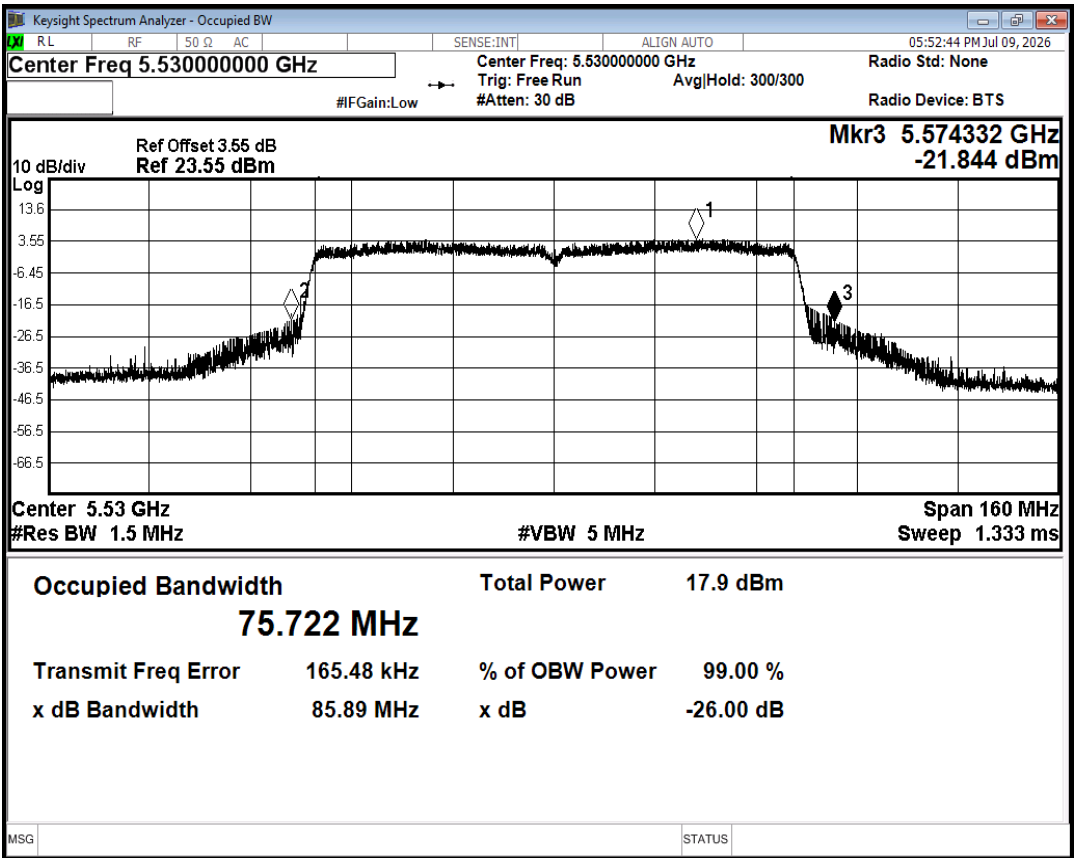
-26dB Bandwidth NVNT ac40 5510MHz Ant1



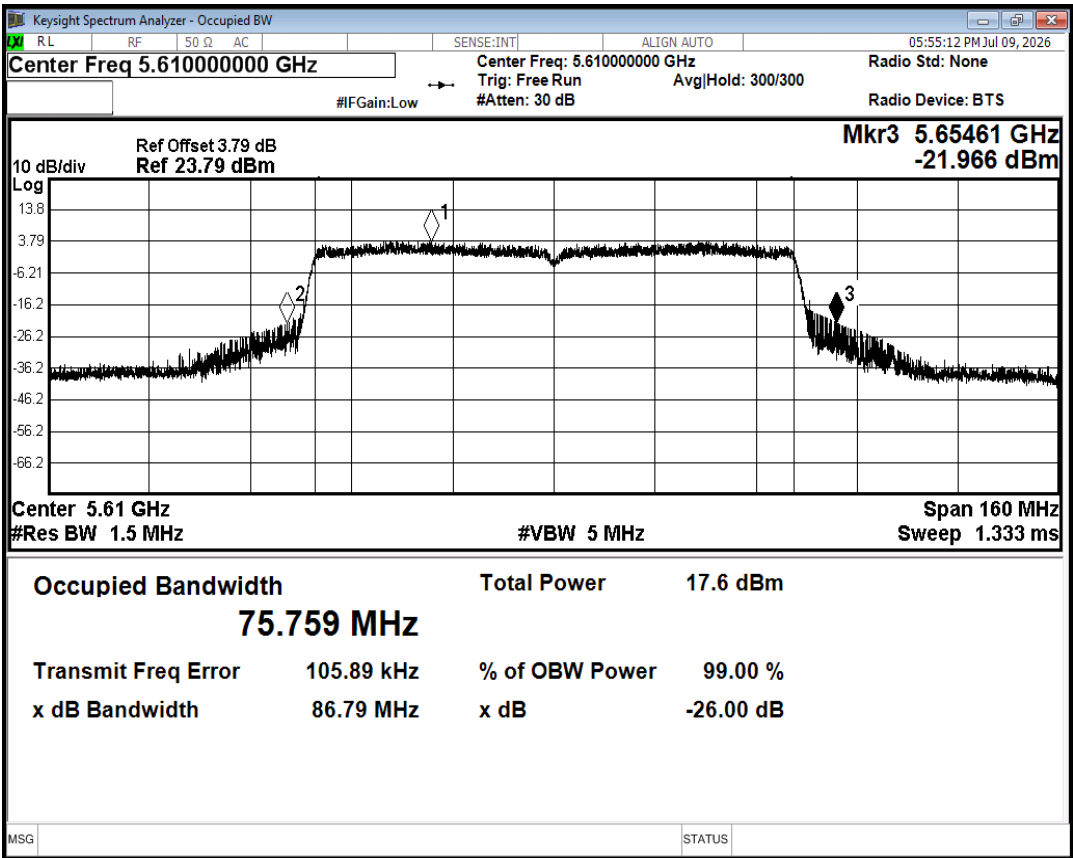
-26dB Bandwidth NVNT ac40 5550MHz Ant1



-26dB Bandwidth NVNT ac40 5670MHz Ant1

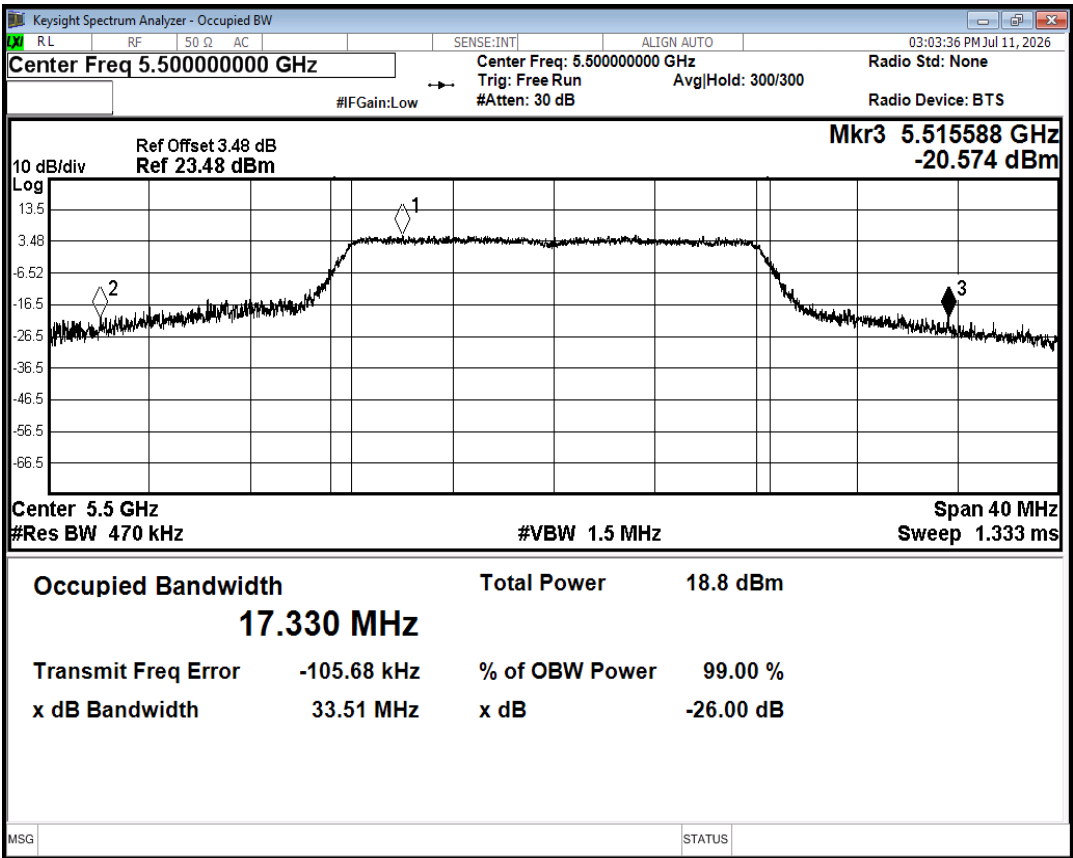


-26dB Bandwidth NVNT ac80 5530MHz Ant1

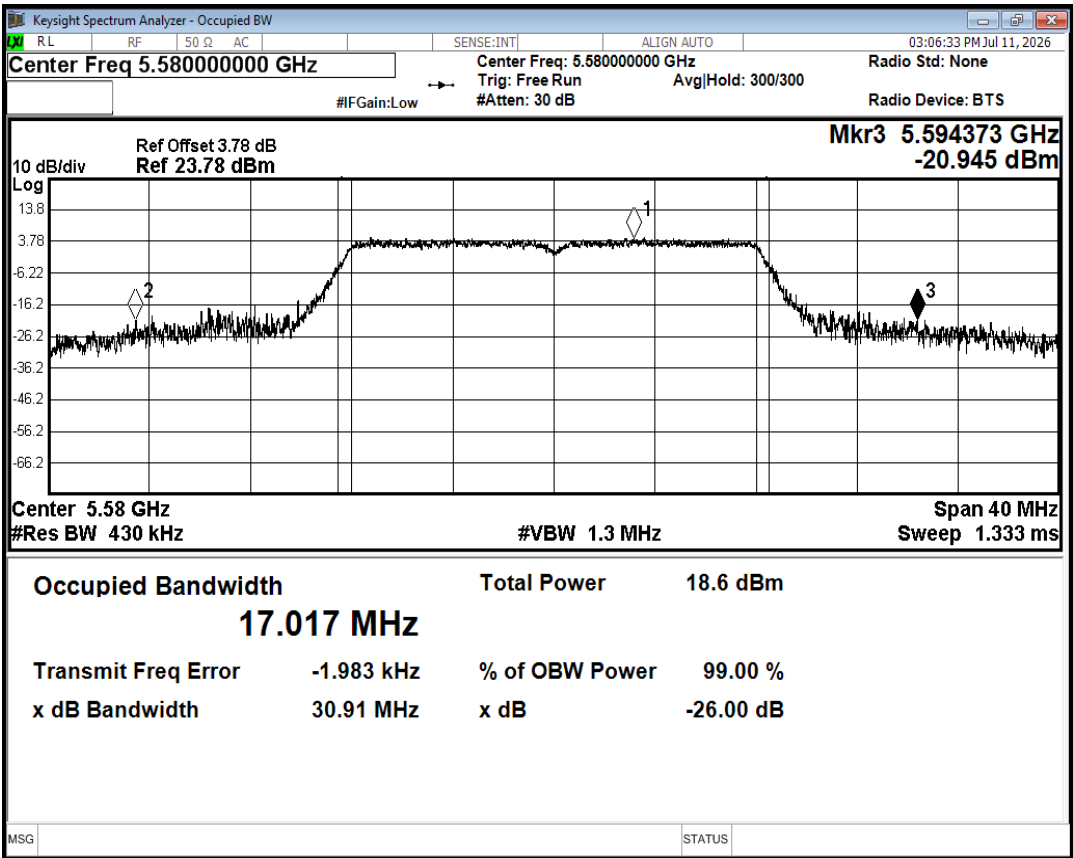


-26dB Bandwidth NVNT ac80 5610MHz Ant1

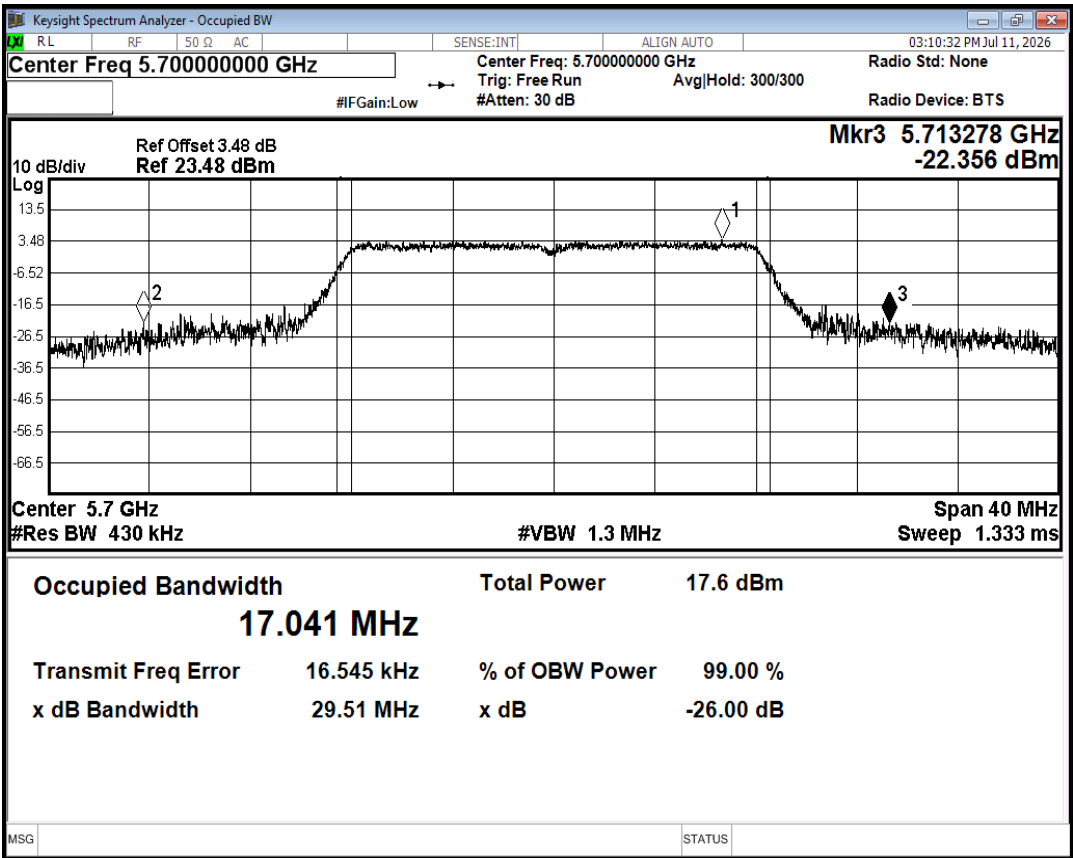
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5500	Ant2	33.51
NVNT	a	5580	Ant2	30.91
NVNT	a	5700	Ant2	29.51
NVNT	n20	5500	Ant2	30.49
NVNT	n20	5580	Ant2	31.43
NVNT	n20	5700	Ant2	29.63
NVNT	n40	5510	Ant2	53.96
NVNT	n40	5550	Ant2	57.65
NVNT	n40	5670	Ant2	49.54
NVNT	ac20	5500	Ant2	34.06
NVNT	ac20	5580	Ant2	32.14
NVNT	ac20	5700	Ant2	32.08
NVNT	ac40	5510	Ant2	55.96
NVNT	ac40	5550	Ant2	54.69
NVNT	ac40	5670	Ant2	50.94
NVNT	ac80	5530	Ant2	85.76
NVNT	ac80	5610	Ant2	86.39



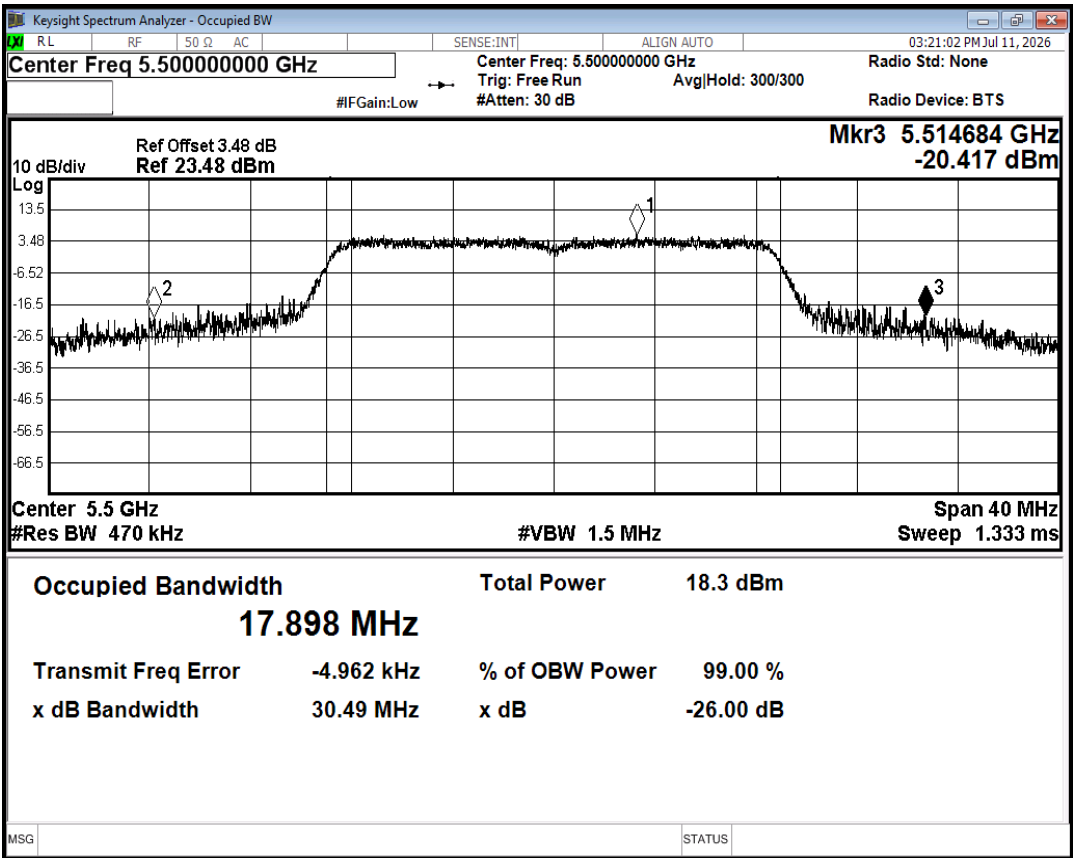
-26dB Bandwidth NVNT a 5500MHz Ant2



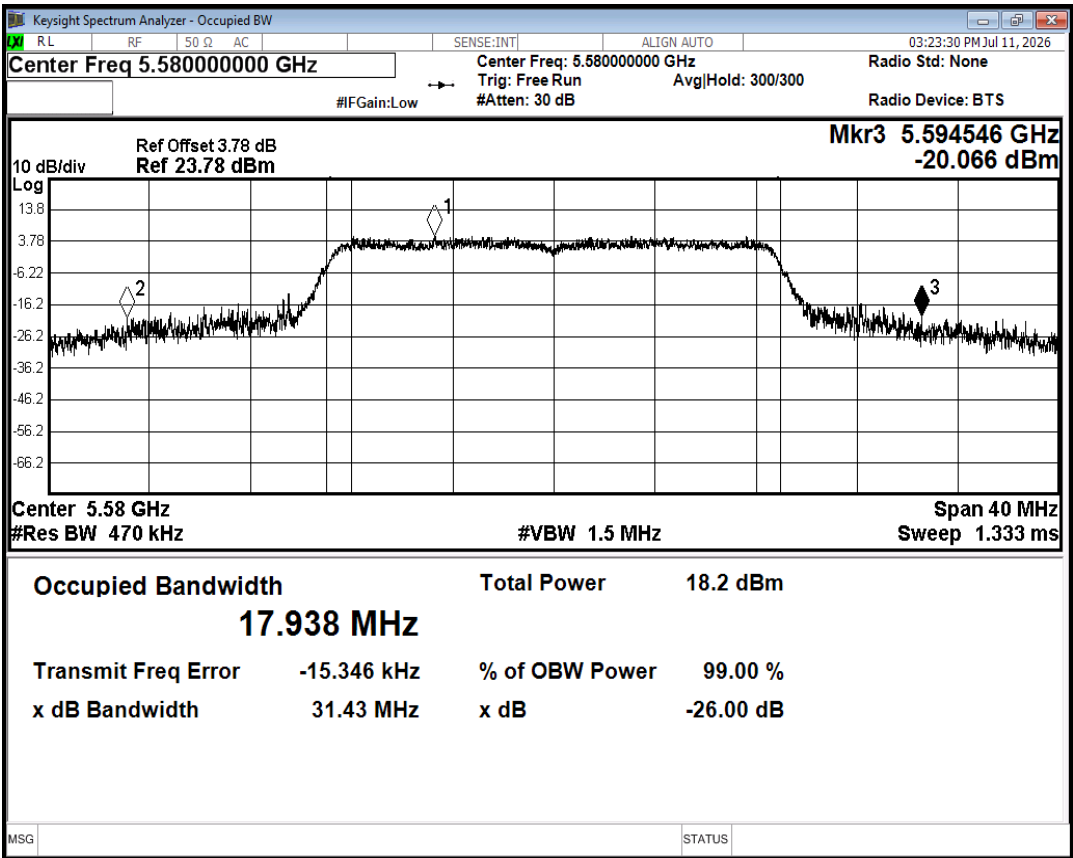
-26dB Bandwidth NVNT a 5580MHz Ant2



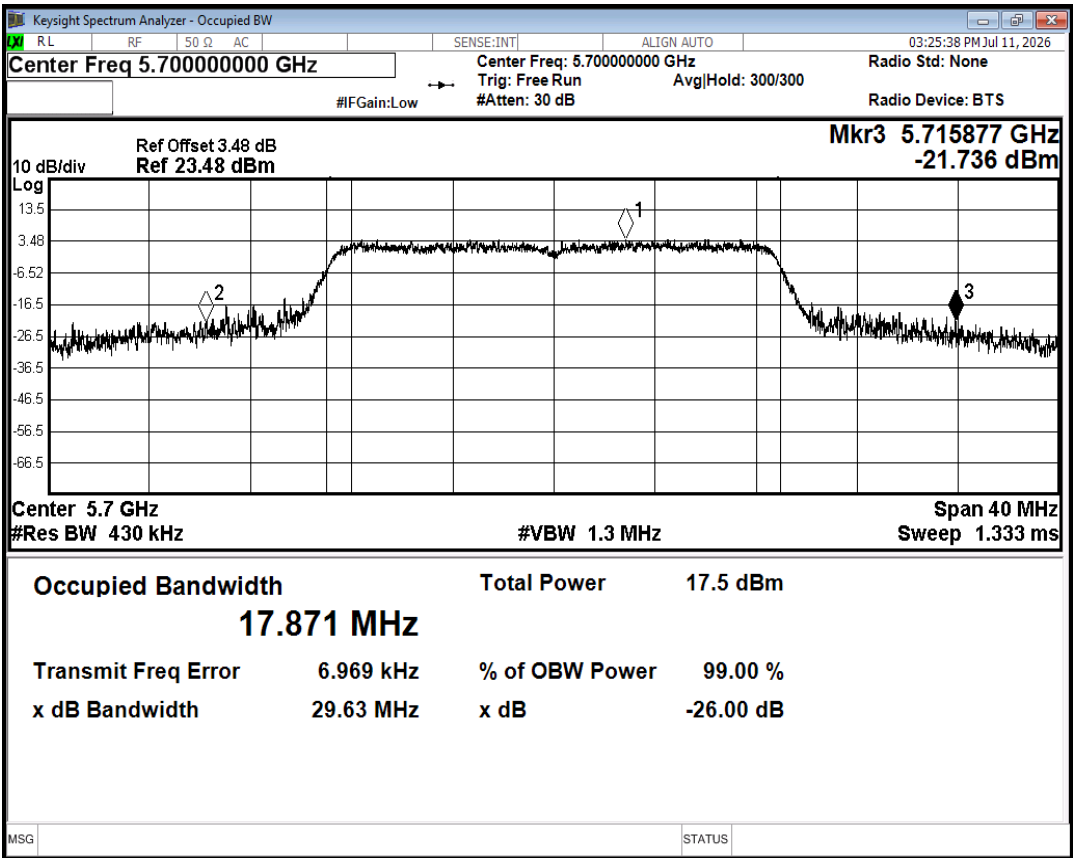
-26dB Bandwidth NVNT a 5700MHz Ant2



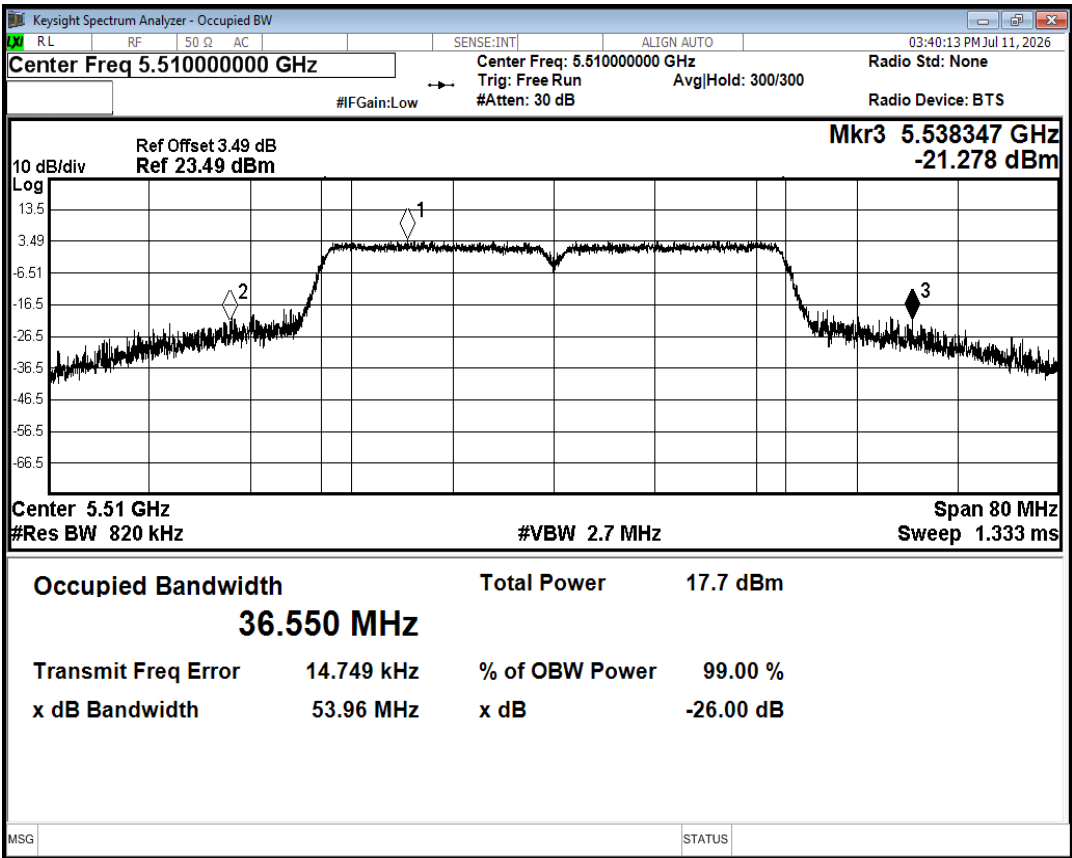
-26dB Bandwidth NVNT n20 5500MHz Ant2



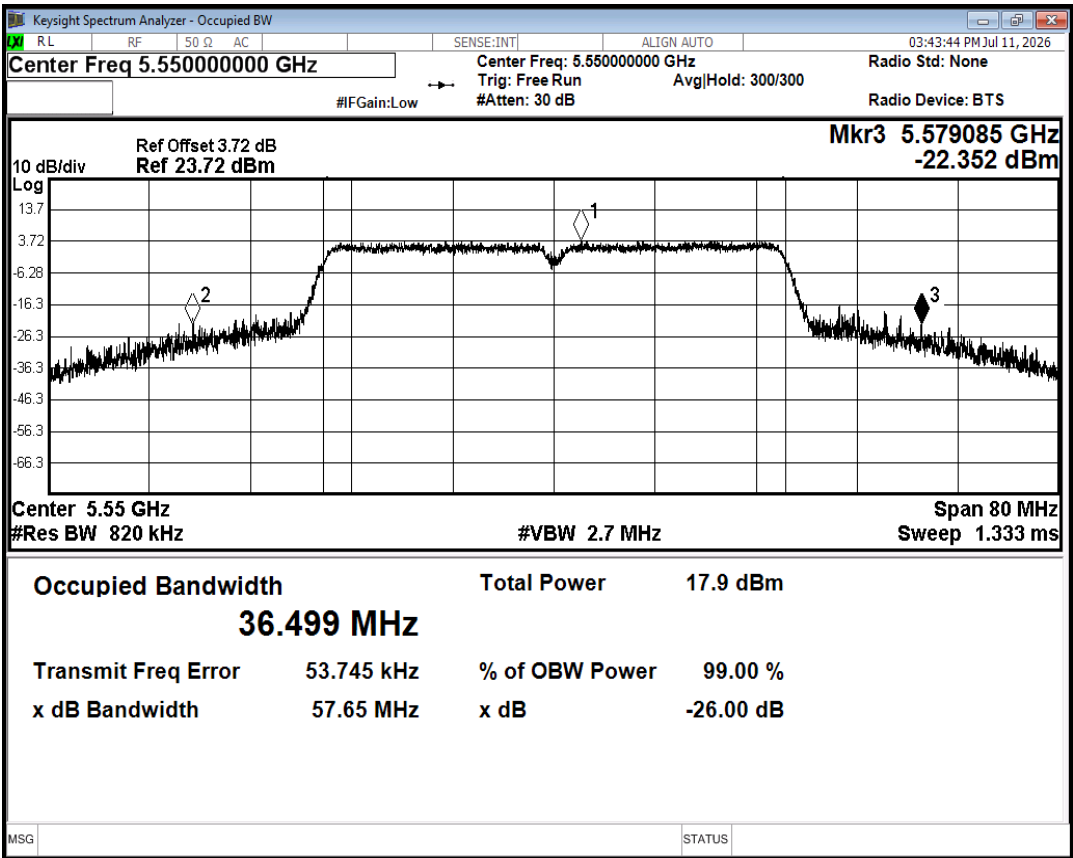
-26dB Bandwidth NVNT n20 5580MHz Ant2



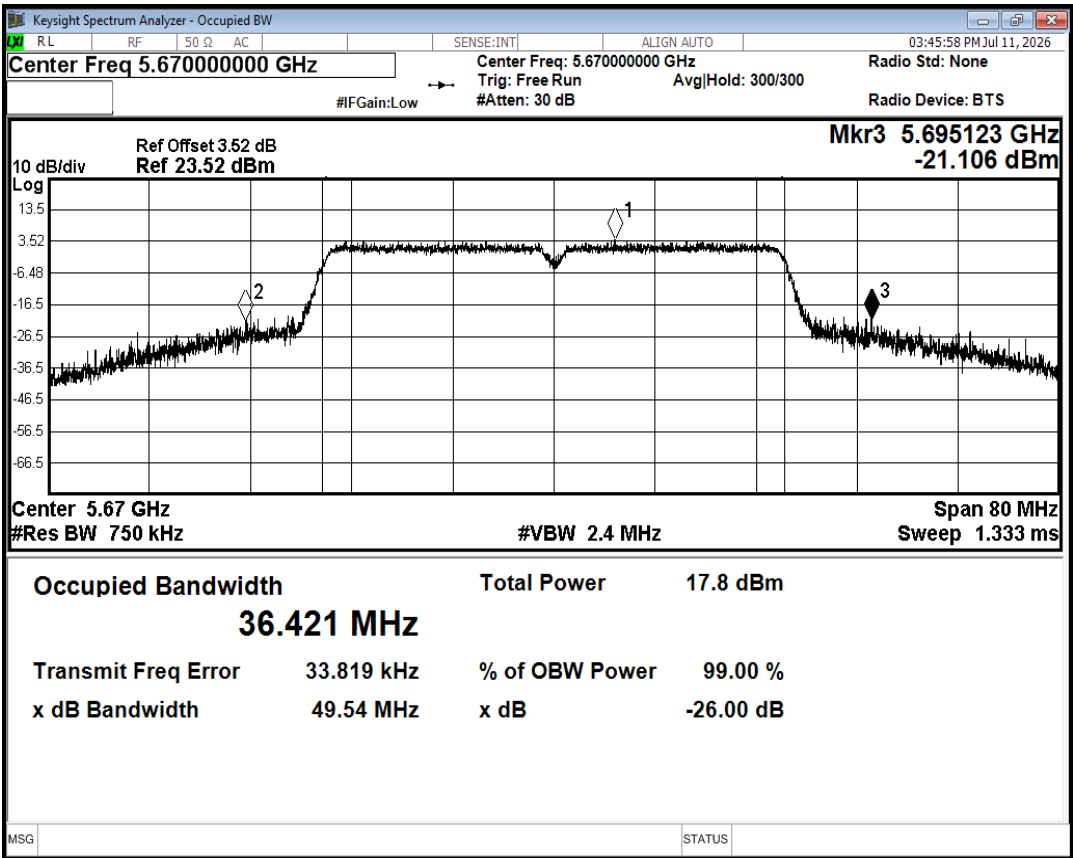
-26dB Bandwidth NVNT n20 5700MHz Ant2



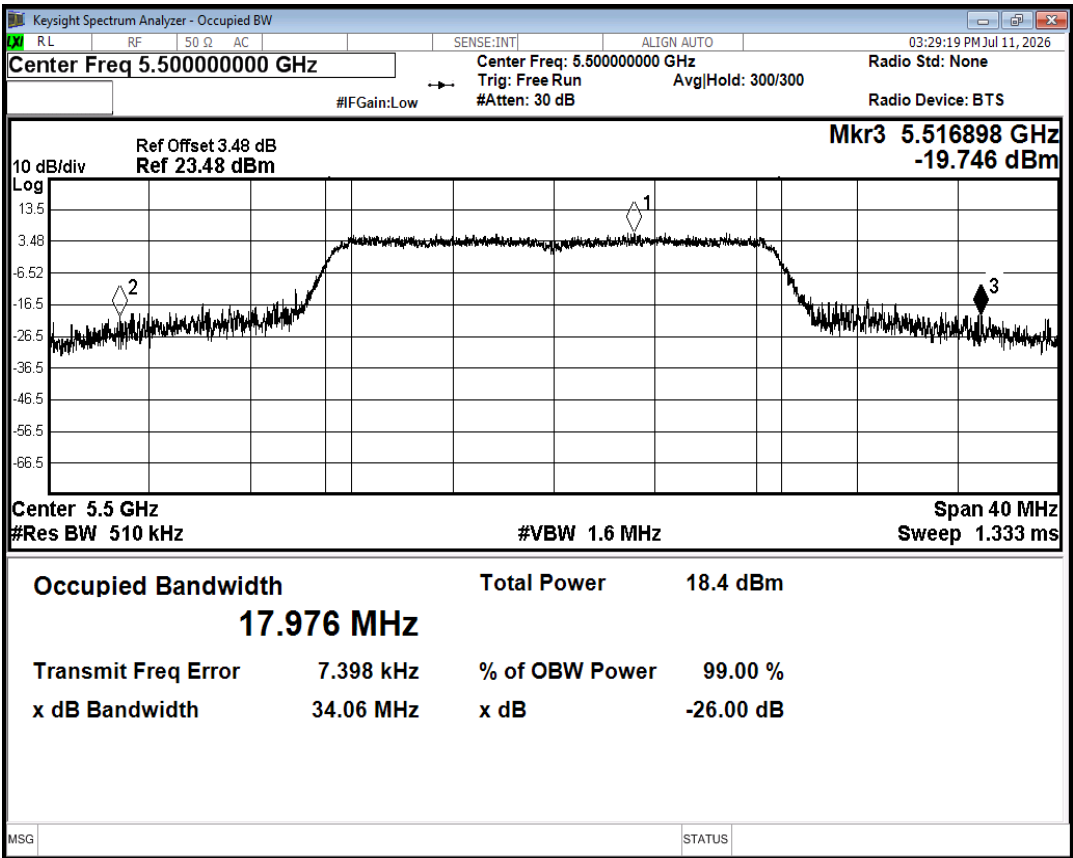
-26dB Bandwidth NVNT n40 5510MHz Ant2



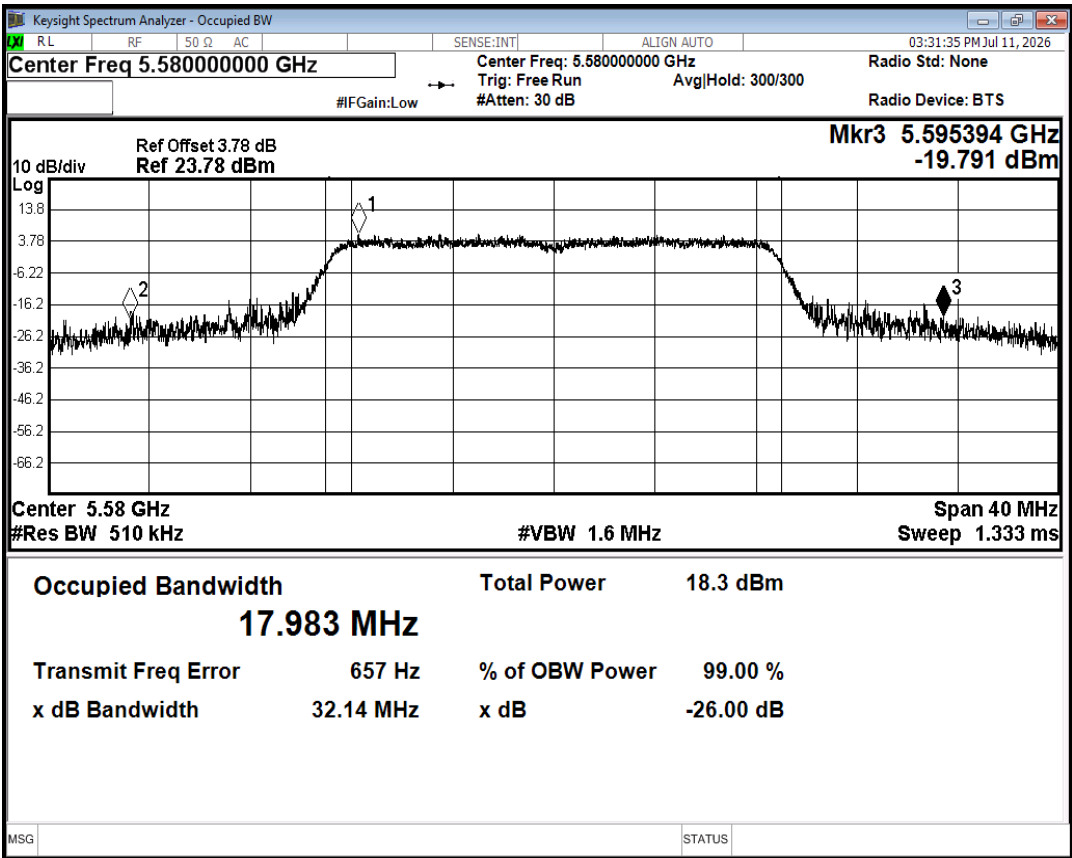
-26dB Bandwidth NVNT n40 5550MHz Ant2



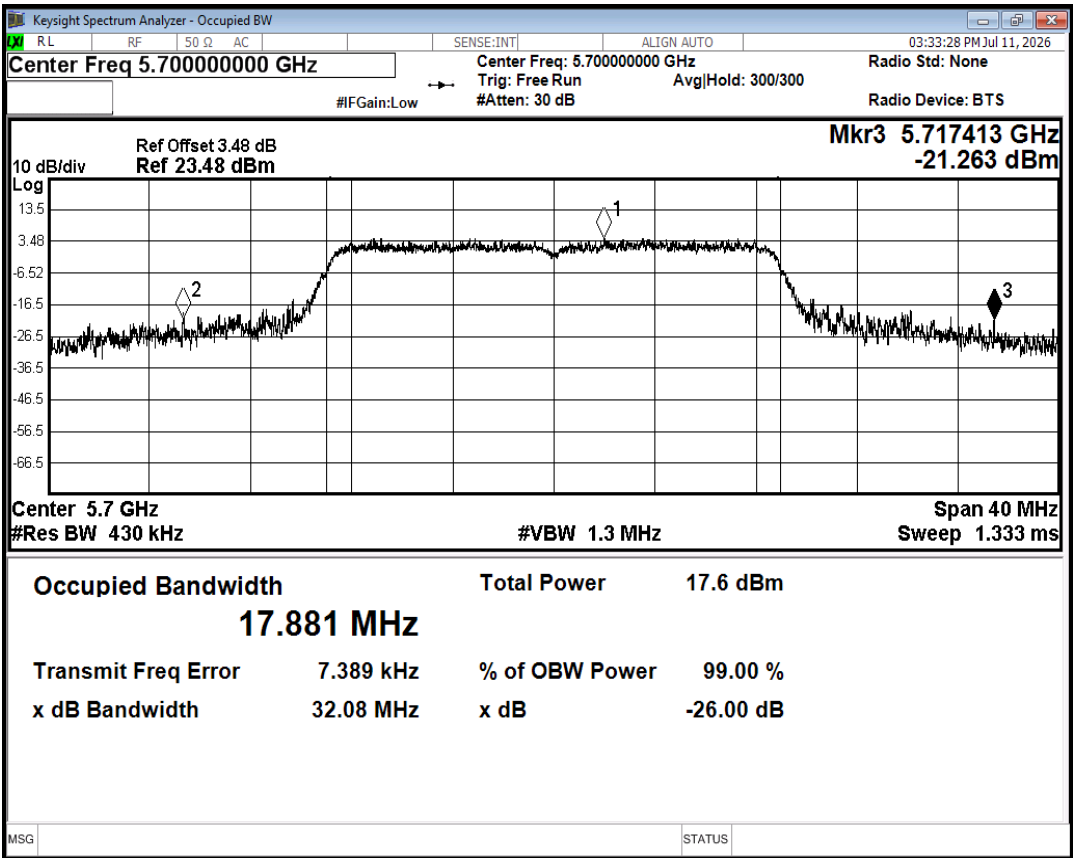
-26dB Bandwidth NVNT n40 5670MHz Ant2



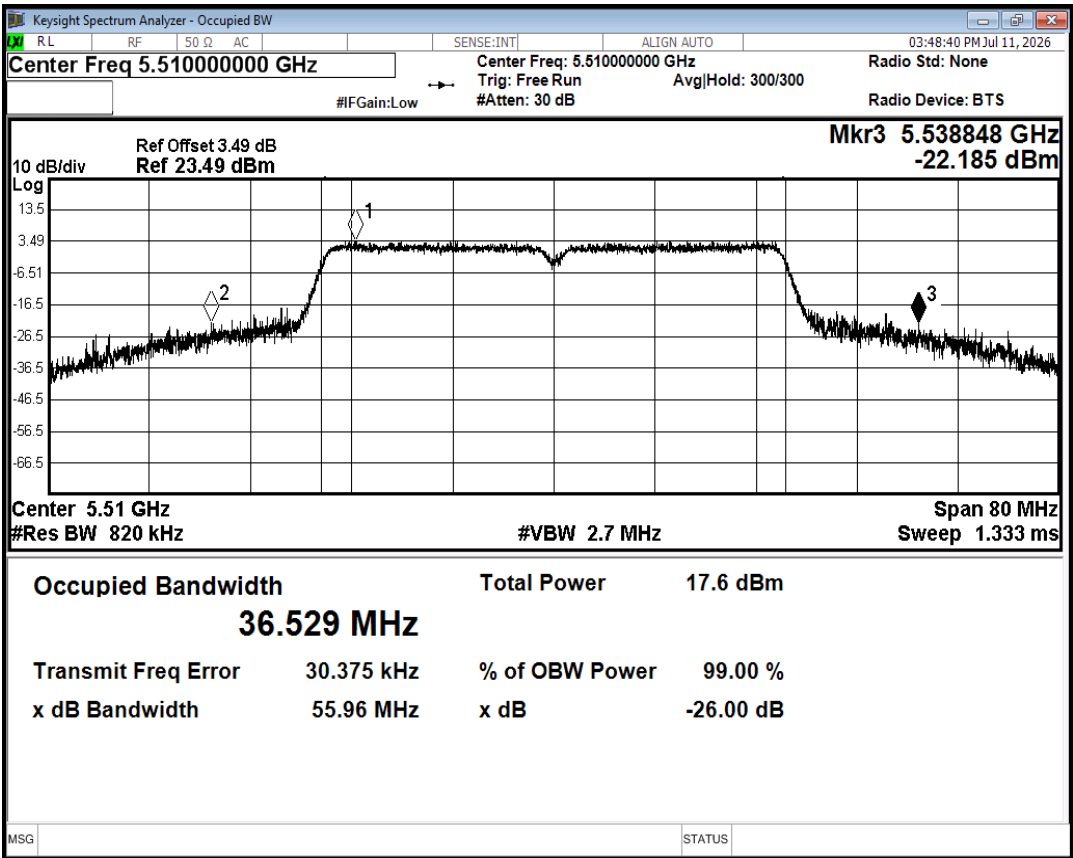
-26dB Bandwidth NVNT ac20 5500MHz Ant2



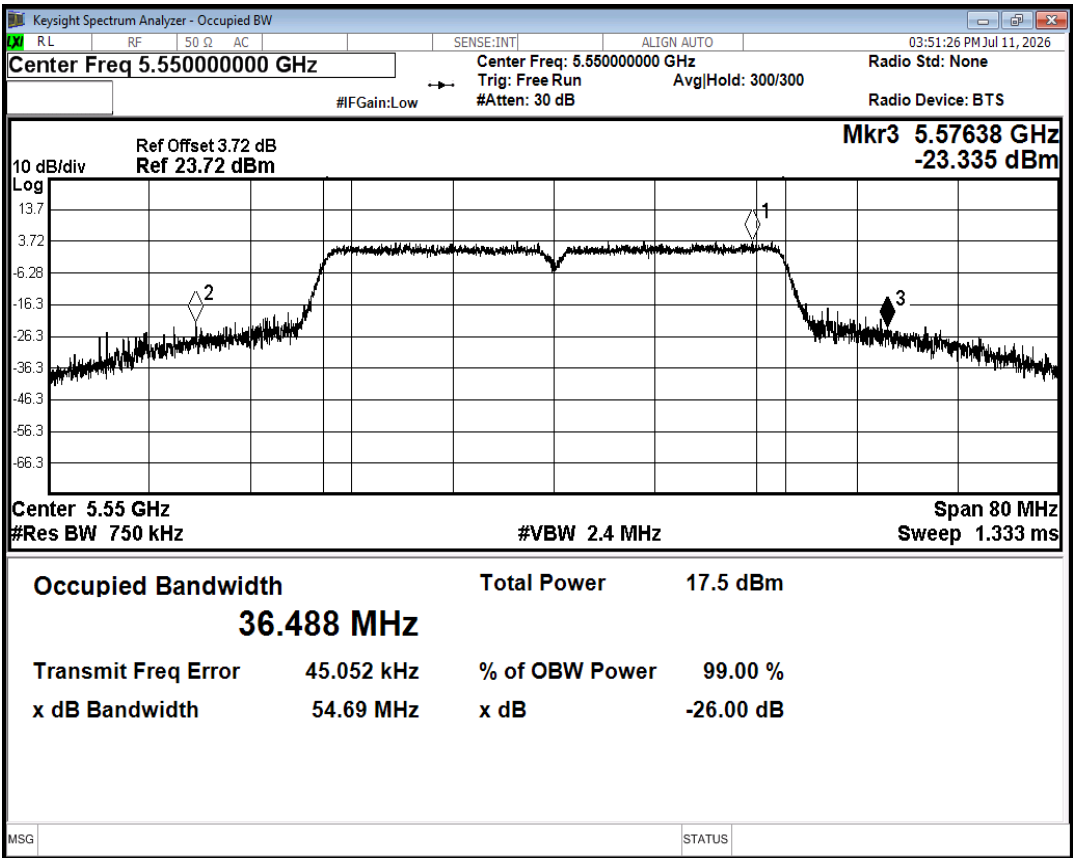
-26dB Bandwidth NVNT ac20 5580MHz Ant2



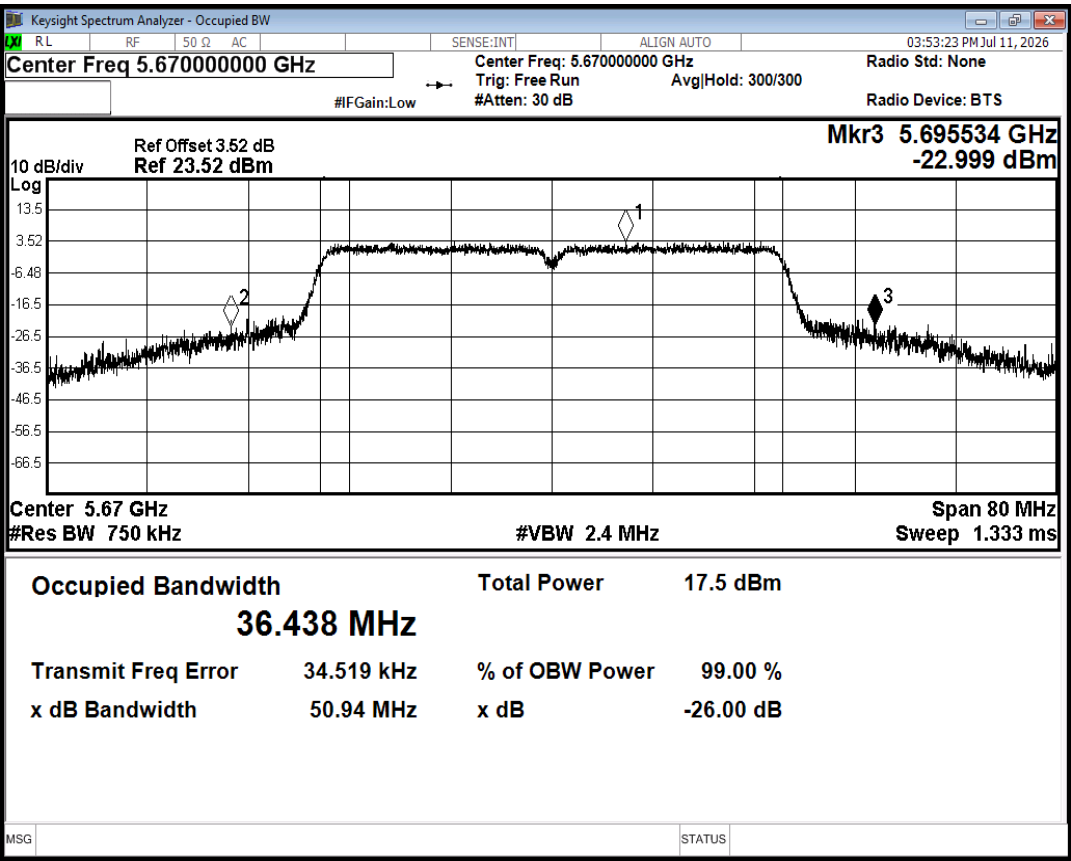
-26dB Bandwidth NVNT ac20 5700MHz Ant2



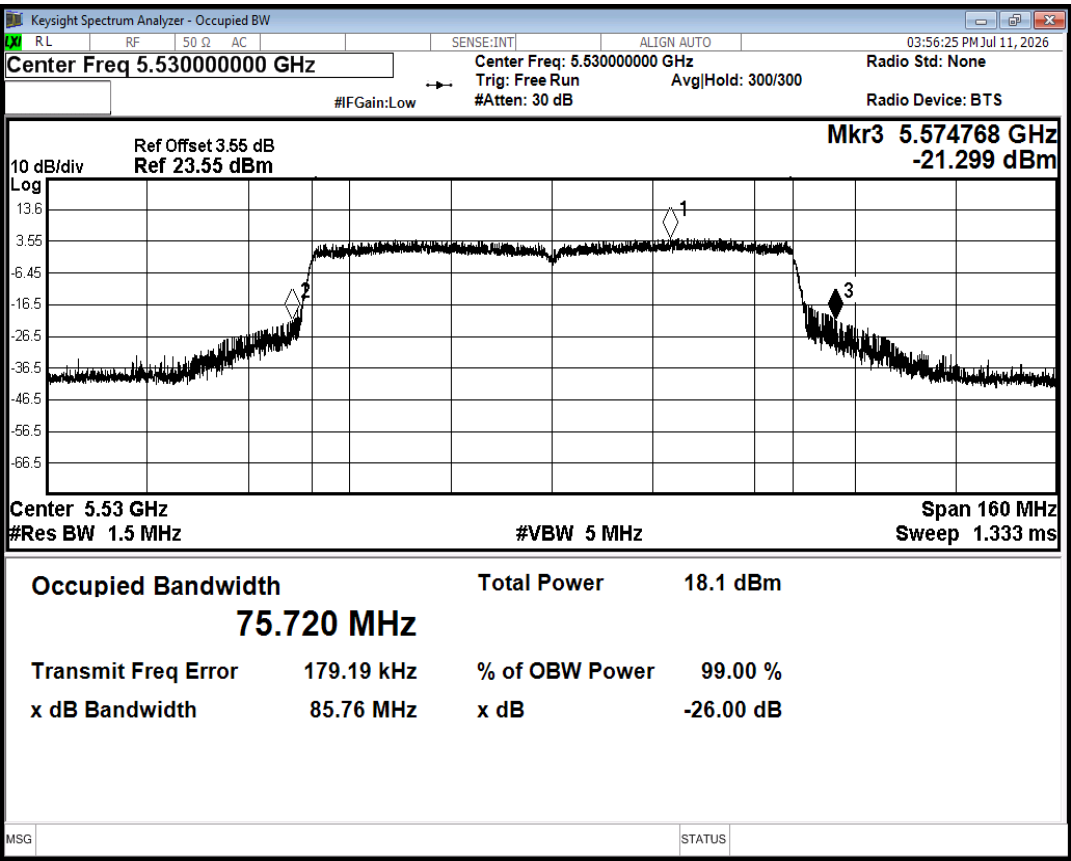
-26dB Bandwidth NVNT ac40 5510MHz Ant2



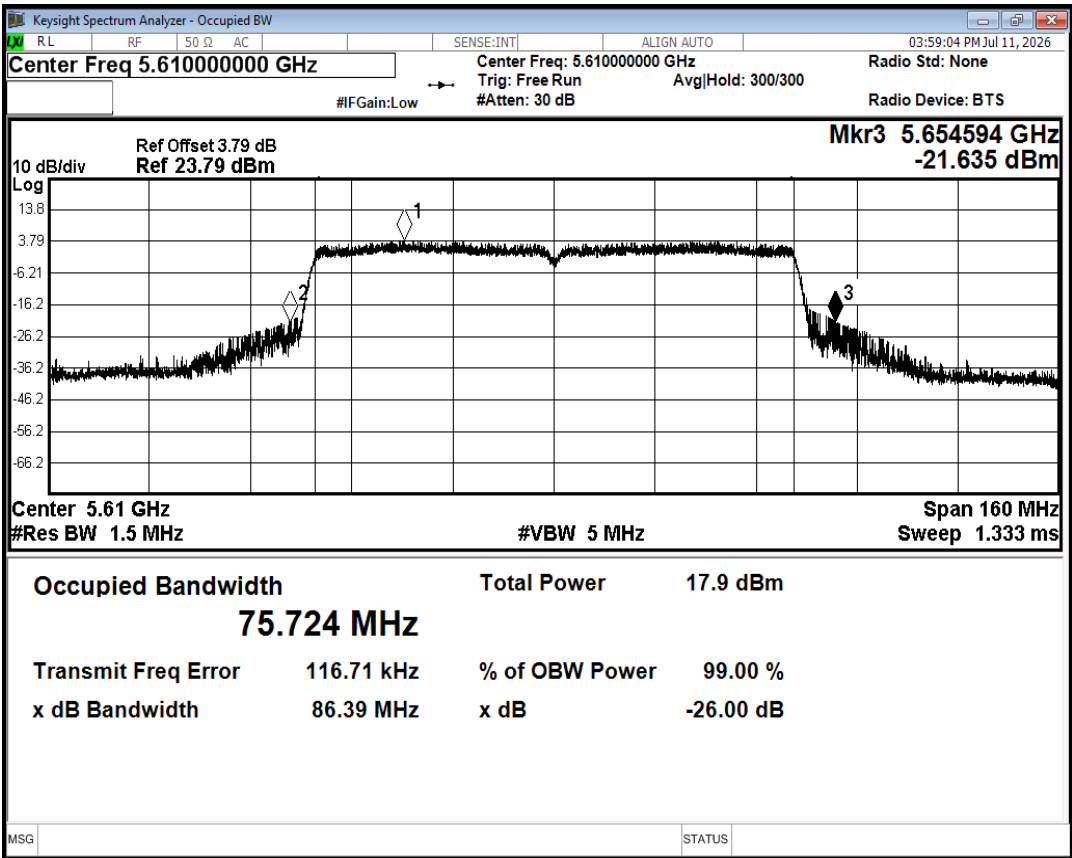
-26dB Bandwidth NVNT ac40 5550MHz Ant2



-26dB Bandwidth NVNT ac40 5670MHz Ant2



-26dB Bandwidth NVNT ac80 5530MHz Ant2



-26dB Bandwidth NVNT ac80 5610MHz Ant2

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	14.4	0.1	14.5	24	Pass
NVNT	a	5580	Ant1	11.87	0.1	11.97	24	Pass
NVNT	a	5700	Ant1	11.39	0.1	11.49	24	Pass
NVNT	n20	5500	Ant1	11.53	0.11	11.64	24	Pass
NVNT	n20	5580	Ant1	11.5	0.11	11.61	24	Pass
NVNT	n20	5700	Ant1	10.87	0.11	10.98	24	Pass
NVNT	n40	5510	Ant1	10.38	0.23	10.61	24	Pass
NVNT	n40	5550	Ant1	10.44	0.19	10.63	24	Pass
NVNT	n40	5670	Ant1	10.25	0.23	10.48	24	Pass
NVNT	ac20	5500	Ant1	11.56	0.11	11.67	24	Pass
NVNT	ac20	5580	Ant1	11.42	0.13	11.55	24	Pass
NVNT	ac20	5700	Ant1	10.83	0.11	10.94	24	Pass
NVNT	ac40	5510	Ant1	10.18	0.23	10.41	24	Pass
NVNT	ac40	5550	Ant1	9.99	0.23	10.22	24	Pass
NVNT	ac40	5670	Ant1	10.02	0.23	10.25	24	Pass
NVNT	ac80	5530	Ant1	9.92	0.46	10.38	24	Pass
NVNT	ac80	5610	Ant1	9.8	0.46	10.26	24	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
NVNT	a	5500	Ant2	15.18	0.11	15.29	24	Pass
NVNT	a	5580	Ant2	12.36	0.1	12.46	24	Pass
NVNT	a	5700	Ant2	11.38	0.11	11.49	24	Pass
NVNT	n20	5500	Ant2	11.53	0.11	11.64	24	Pass
NVNT	n20	5580	Ant2	11.56	0.11	11.67	24	Pass
NVNT	n20	5700	Ant2	10.94	0.1	11.04	24	Pass
NVNT	n40	5510	Ant2	10.47	0.23	10.7	24	Pass
NVNT	n40	5550	Ant2	10.73	0.19	10.92	24	Pass
NVNT	n40	5670	Ant2	10.65	0.23	10.88	24	Pass
NVNT	ac20	5500	Ant2	11.65	0.11	11.76	24	Pass
NVNT	ac20	5580	Ant2	11.68	0.11	11.79	24	Pass
NVNT	ac20	5700	Ant2	10.92	0.13	11.05	24	Pass
NVNT	ac40	5510	Ant2	10.45	0.23	10.68	24	Pass
NVNT	ac40	5550	Ant2	10.39	0.23	10.62	24	Pass
NVNT	ac40	5670	Ant2	10.37	0.27	10.64	24	Pass
NVNT	ac80	5530	Ant2	10.16	0.47	10.63	24	Pass
NVNT	ac80	5610	Ant2	10.14	0.46	10.6	24	Pass

MIMO

Condition	Mode	Frequency (MHz)	Total Power (dBm)			Limit (dBm)	Verdict
			Ant1	Ant2	Ant1+Ant2		
NVNT	n20	5500	11.64	11.64	14.65	24	Pass
NVNT	n20	5580	11.61	11.67	14.65	24	Pass
NVNT	n20	5700	10.98	11.04	14.02	24	Pass
NVNT	n40	5510	10.61	10.7	13.67	24	Pass
NVNT	n40	5550	10.63	10.92	13.79	24	Pass
NVNT	n40	5670	10.48	10.88	13.69	24	Pass
NVNT	ac20	5500	11.67	11.76	14.73	24	Pass
NVNT	ac20	5580	11.55	11.79	14.68	24	Pass
NVNT	ac20	5700	10.94	11.05	14.01	24	Pass
NVNT	ac40	5510	10.41	10.68	13.56	24	Pass
NVNT	ac40	5550	10.22	10.62	13.43	24	Pass
NVNT	ac40	5670	10.25	10.64	13.46	24	Pass
NVNT	ac80	5530	10.38	10.63	13.52	24	Pass
NVNT	ac80	5610	10.26	10.6	13.44	24	Pass

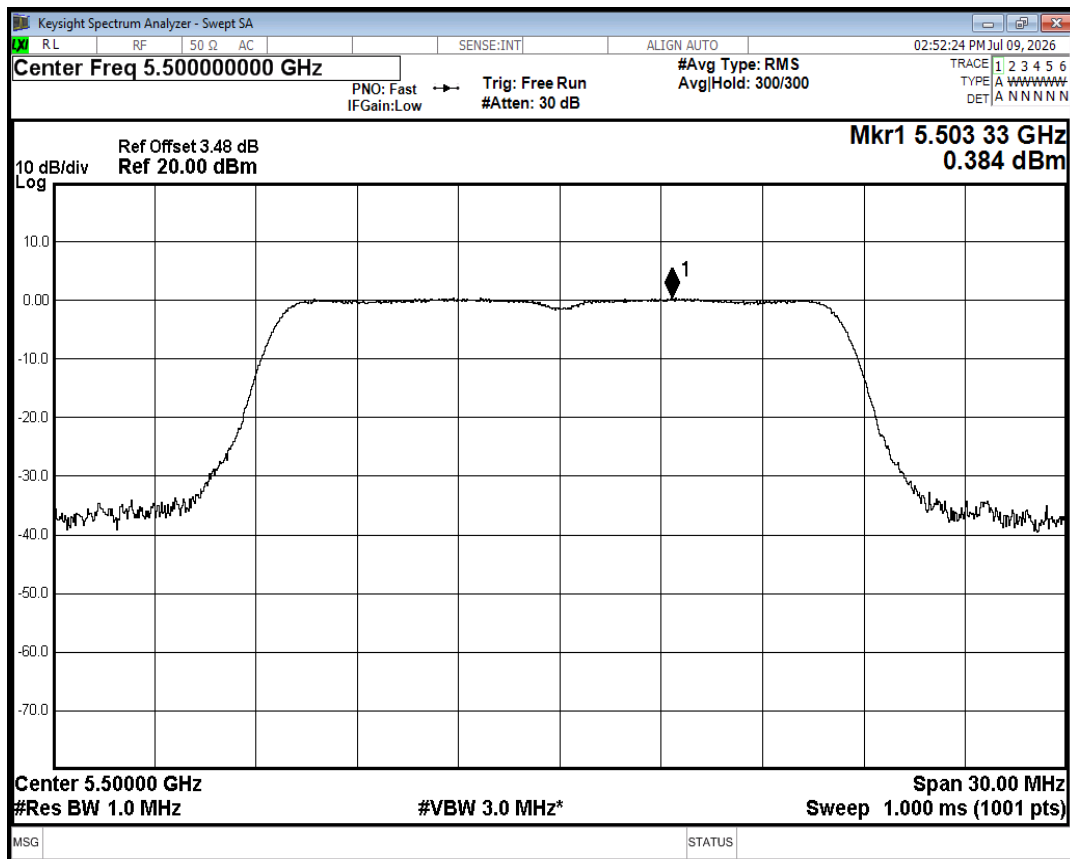
F.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total Conducted PSD (dBm/MHz)	Limit Conducted(dBm/MHz)	Verdict
NVNT	a	5500	Ant1	0.38	0.1	0.48	11	Pass
NVNT	a	5580	Ant1	0.71	0.1	0.81	11	Pass
NVNT	a	5700	Ant1	0.06	0.1	0.16	11	Pass
NVNT	n20	5500	Ant1	-0.03	0.11	0.08	11	Pass
NVNT	n20	5580	Ant1	-0.14	0.11	-0.03	11	Pass
NVNT	n20	5700	Ant1	-0.5	0.11	-0.39	11	Pass
NVNT	n40	5510	Ant1	-4.06	0.23	-3.83	11	Pass
NVNT	n40	5550	Ant1	-3.95	0.19	-3.76	11	Pass
NVNT	n40	5670	Ant1	-4.42	0.23	-4.19	11	Pass
NVNT	ac20	5500	Ant1	0.01	0.11	0.12	11	Pass
NVNT	ac20	5580	Ant1	-0.17	0.13	-0.04	11	Pass
NVNT	ac20	5700	Ant1	-0.53	0.11	-0.42	11	Pass
NVNT	ac40	5510	Ant1	-4.51	0.23	-4.28	11	Pass
NVNT	ac40	5550	Ant1	-4.46	0.23	-4.23	11	Pass
NVNT	ac40	5670	Ant1	-4.49	0.23	-4.26	11	Pass
NVNT	ac80	5530	Ant1	-7.35	0.46	-6.89	11	Pass
NVNT	ac80	5610	Ant1	-7.64	0.46	-7.18	11	Pass

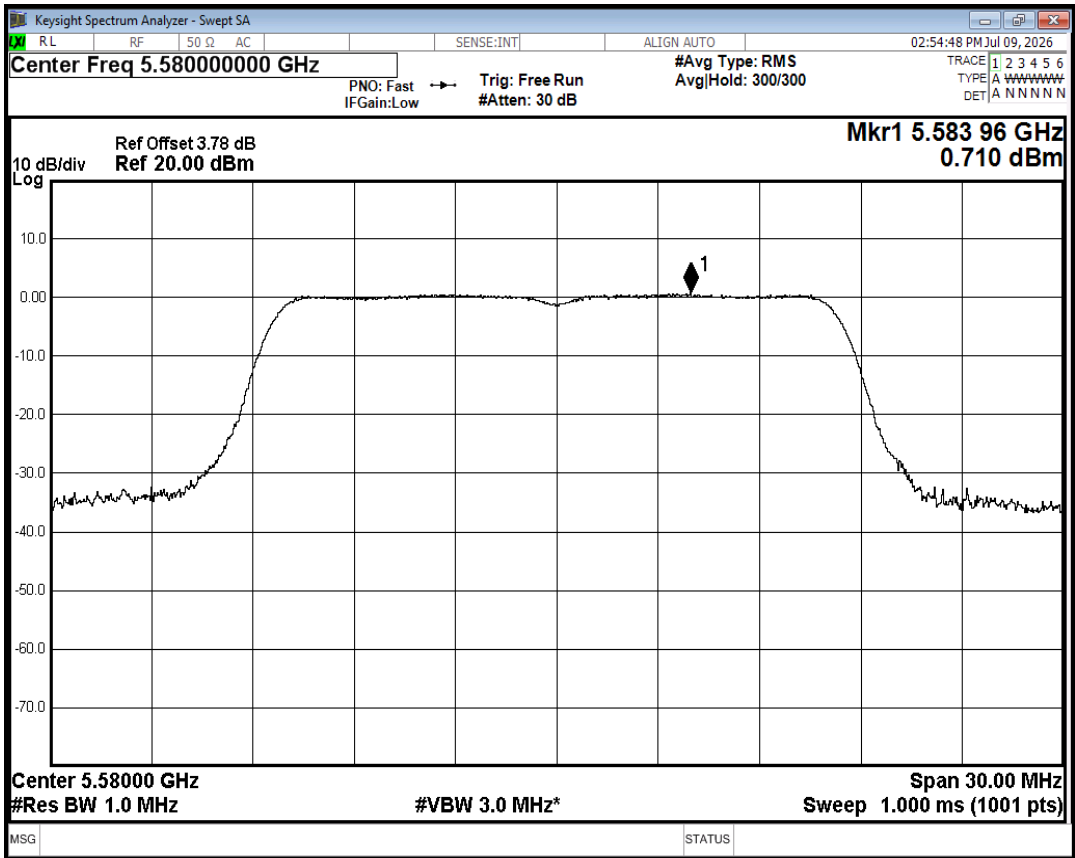
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total Conducted PSD (dBm/MHz)	Limit Conducted(dBm/MHz)	Verdict
NVNT	a	5500	Ant2	1.22	0.11	1.33	11	Pass
NVNT	a	5580	Ant2	1.09	0.1	1.19	11	Pass
NVNT	a	5700	Ant2	0.17	0.11	0.28	11	Pass
NVNT	n20	5500	Ant2	0.08	0.11	0.19	11	Pass
NVNT	n20	5580	Ant2	0.01	0.11	0.12	11	Pass
NVNT	n20	5700	Ant2	-0.44	0.1	-0.34	11	Pass
NVNT	n40	5510	Ant2	-3.95	0.23	-3.72	11	Pass
NVNT	n40	5550	Ant2	-3.84	0.19	-3.65	11	Pass
NVNT	n40	5670	Ant2	-4.03	0.23	-3.8	11	Pass
NVNT	ac20	5500	Ant2	0.18	0.11	0.29	11	Pass
NVNT	ac20	5580	Ant2	0.08	0.11	0.19	11	Pass
NVNT	ac20	5700	Ant2	-0.54	0.13	-0.41	11	Pass
NVNT	ac40	5510	Ant2	-4.15	0.23	-3.92	11	Pass
NVNT	ac40	5550	Ant2	-4.1	0.23	-3.87	11	Pass
NVNT	ac40	5670	Ant2	-4.43	0.27	-4.16	11	Pass
NVNT	ac80	5530	Ant2	-7.06	0.47	-6.59	11	Pass
NVNT	ac80	5610	Ant2	-7.65	0.46	-7.19	11	Pass

MIMO

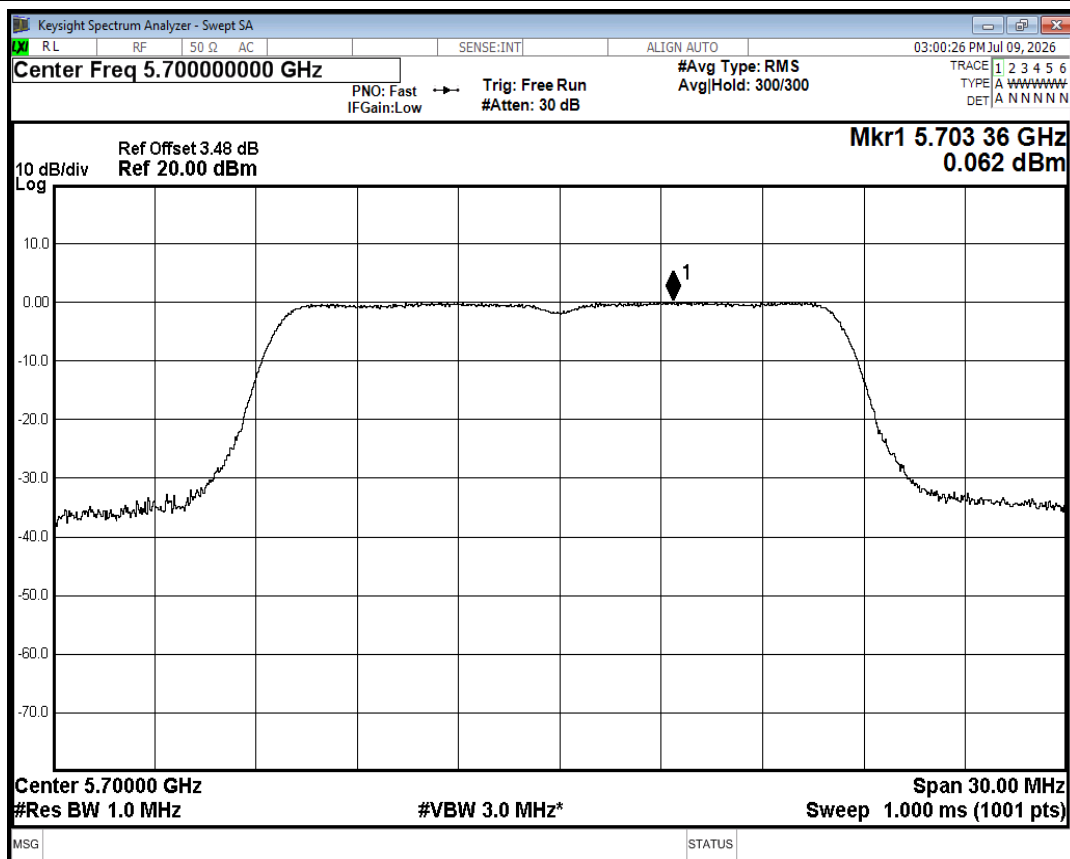
Condition	Mode	Frequency (MHz)	Total PSD (dBm/MHz)			Limit (dBm/MHz)	Verdict
			Ant1	Ant2	Ant1+Ant2		
NVNT	n20	5500	0.08	0.19	3.15	11	Pass
NVNT	n20	5580	-0.03	0.12	3.06	11	Pass
NVNT	n20	5700	-0.39	-0.34	2.65	11	Pass
NVNT	n40	5510	-3.83	-3.72	-0.76	11	Pass
NVNT	n40	5550	-3.76	-3.65	-0.69	11	Pass
NVNT	n40	5670	-4.19	-3.8	-0.98	11	Pass
NVNT	ac20	5500	0.12	0.29	3.22	11	Pass
NVNT	ac20	5580	-0.04	0.19	3.09	11	Pass
NVNT	ac20	5700	-0.42	-0.41	2.60	11	Pass
NVNT	ac40	5510	-4.28	-3.92	-1.09	11	Pass
NVNT	ac40	5550	-4.23	-3.87	-1.04	11	Pass
NVNT	ac40	5670	-4.26	-4.16	-1.20	11	Pass
NVNT	ac80	5530	-6.89	-6.59	-3.73	11	Pass
NVNT	ac80	5610	-7.18	-7.19	-4.17	11	Pass



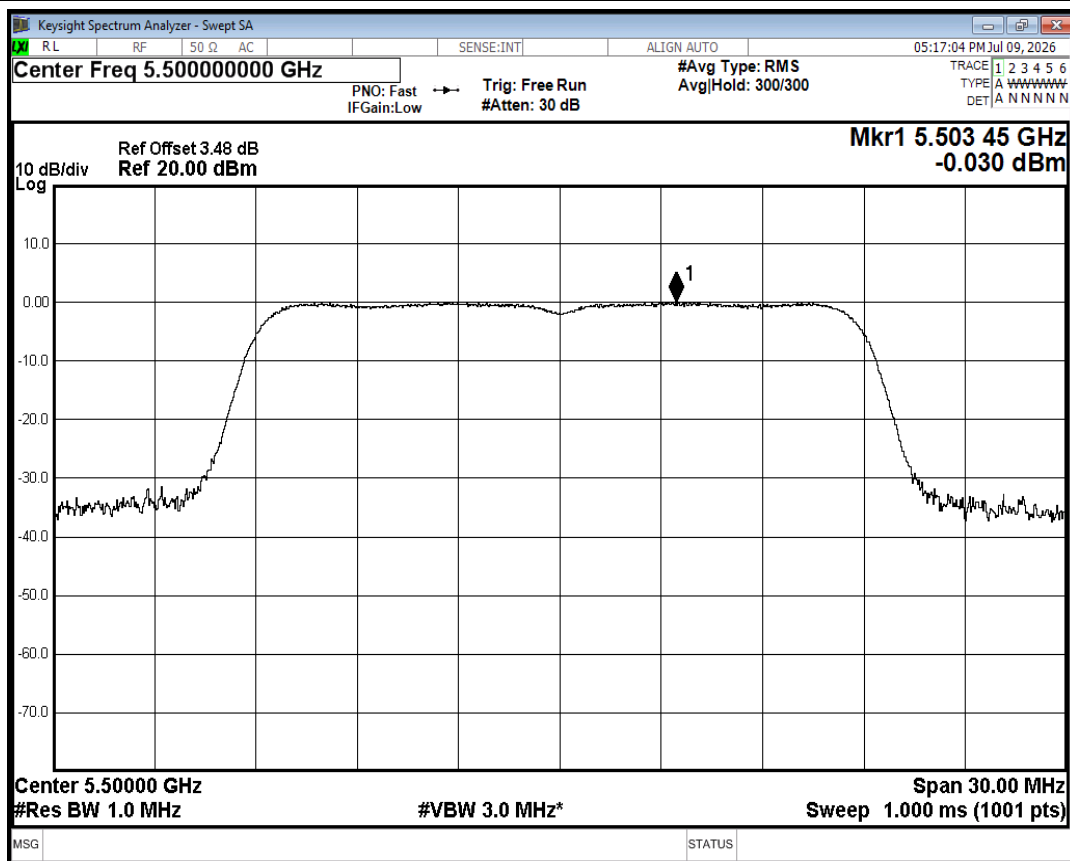
PSD NVNT a 5500MHz Ant1



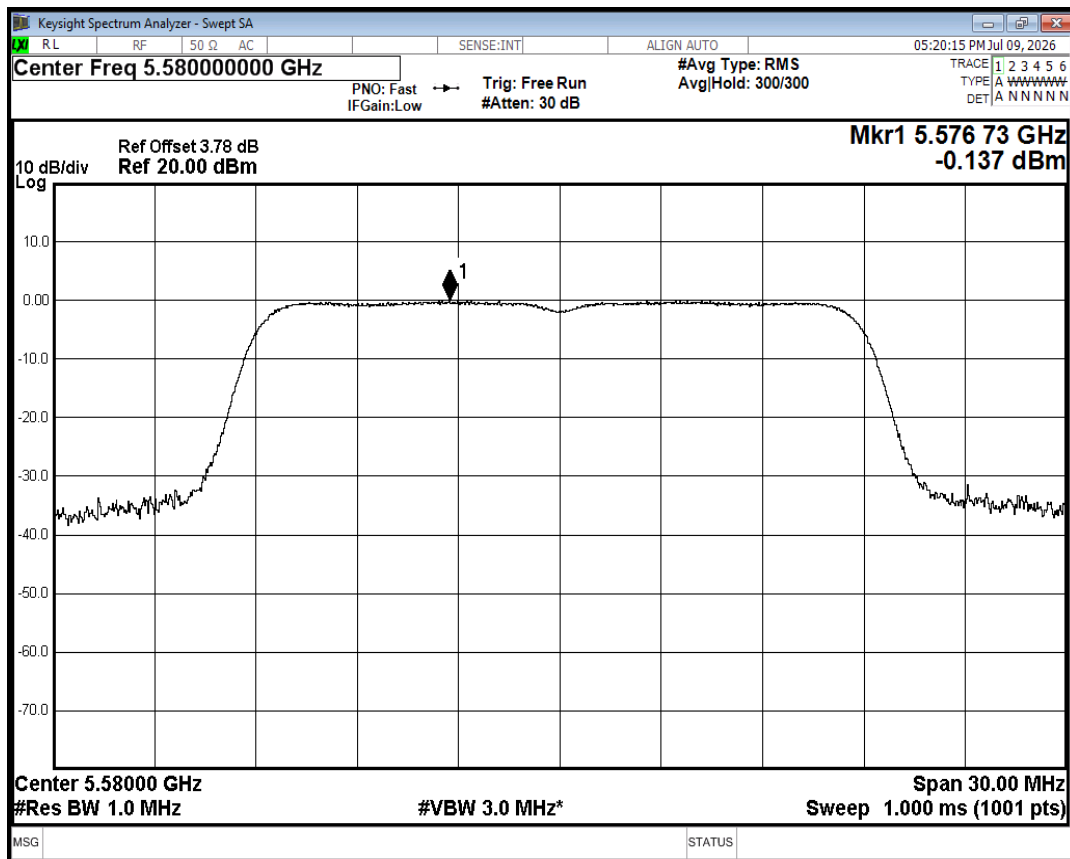
PSD NVNT a 5580MHz Ant1



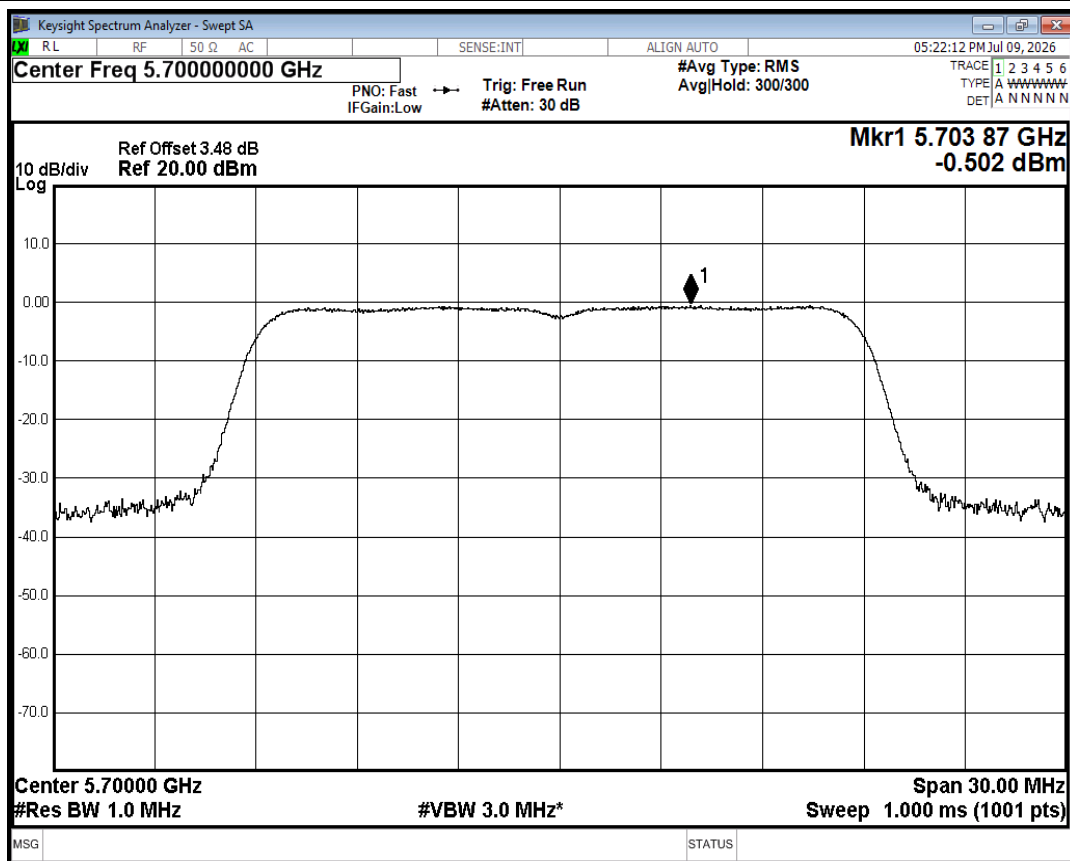
PSD NVNT a 5700MHz Ant1



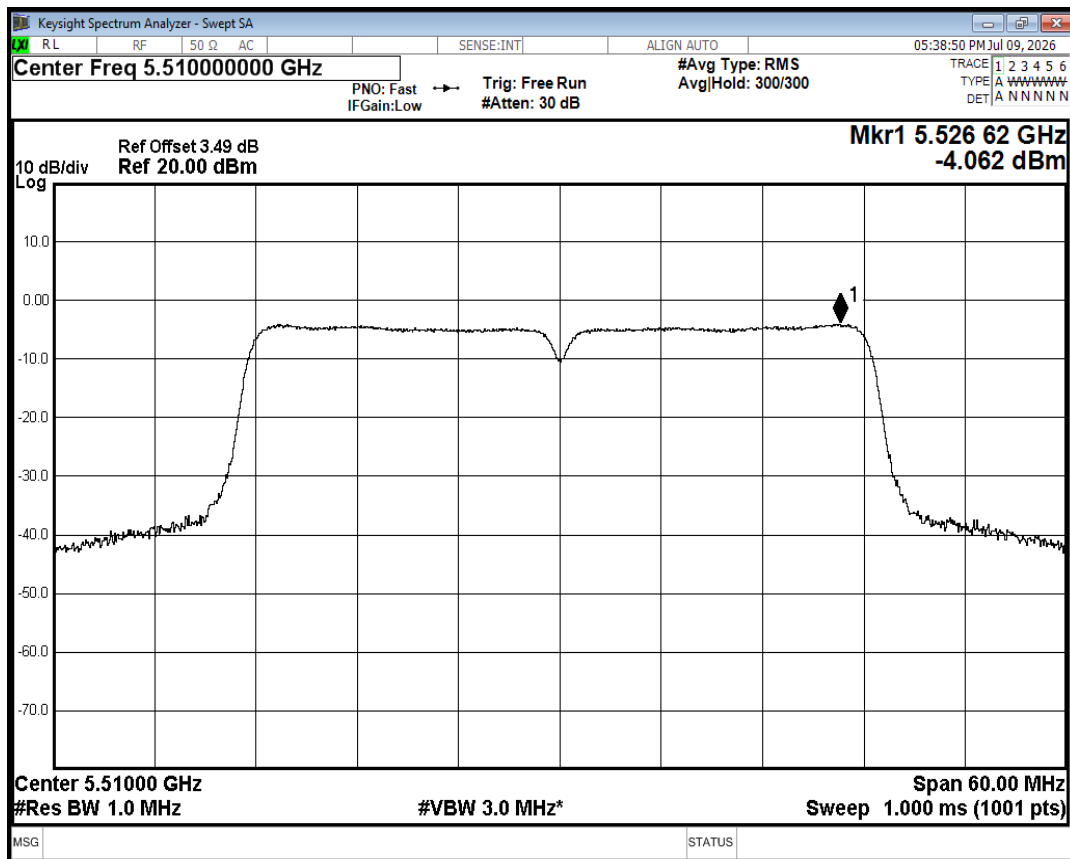
PSD NVNT n20 5500MHz Ant1



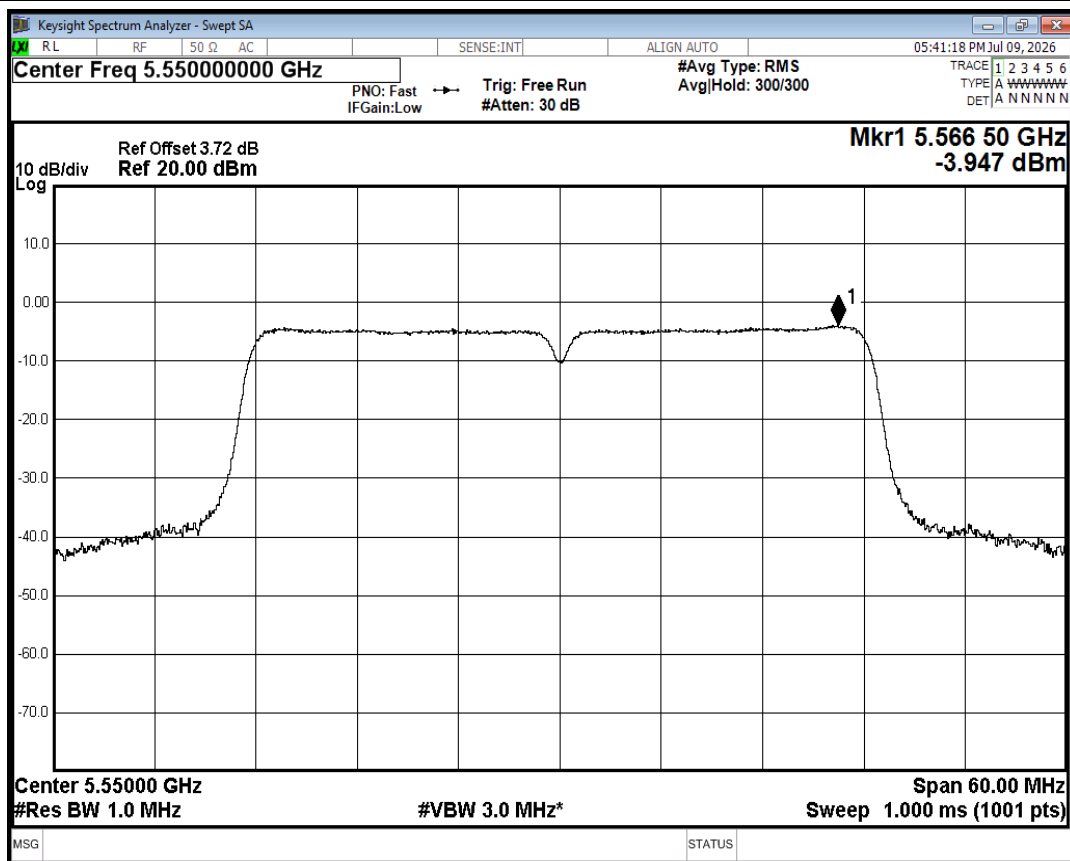
PSD NVNT n20 5580MHz Ant1



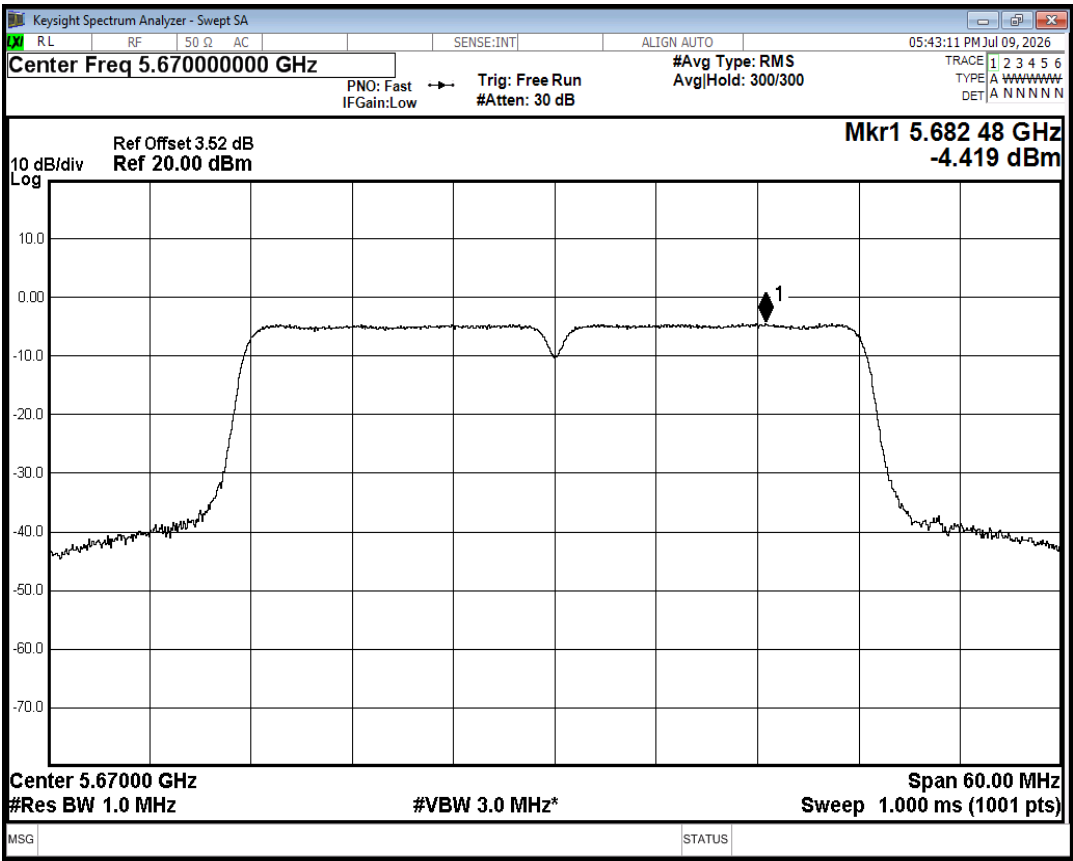
PSD NVNT n20 5700MHz Ant1



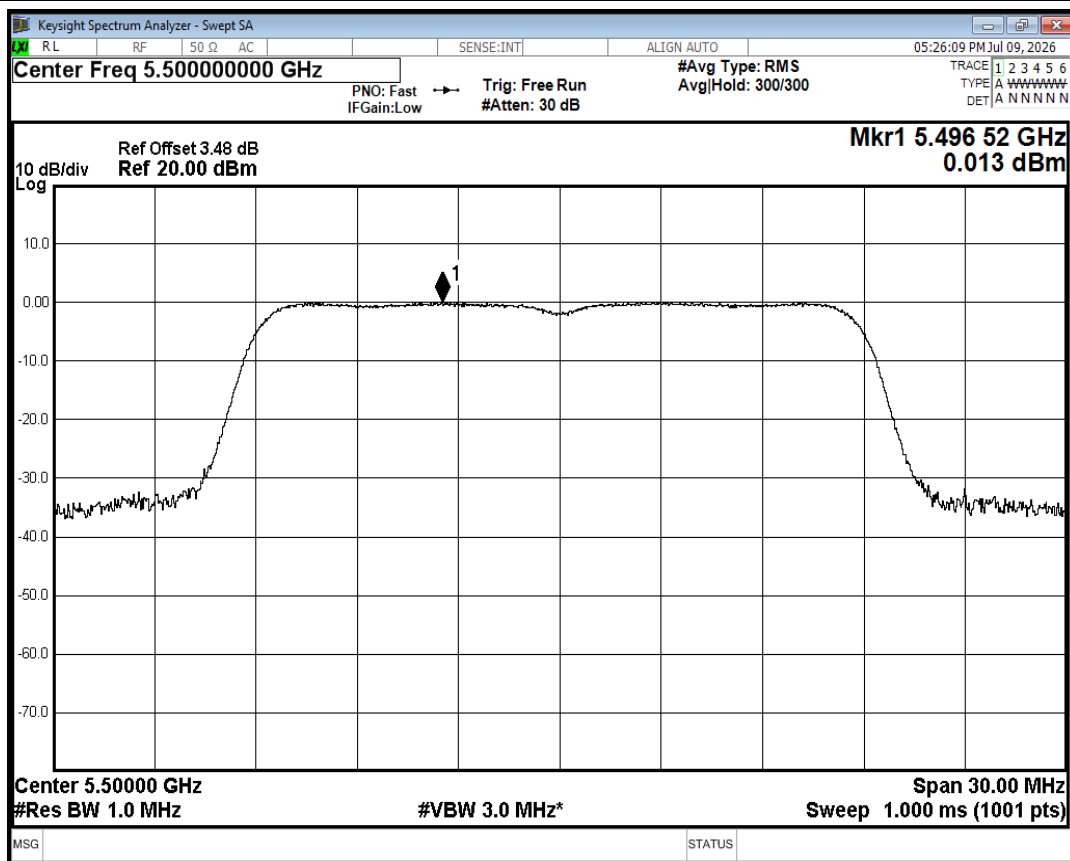
PSD NVNT n40 5510MHz Ant1



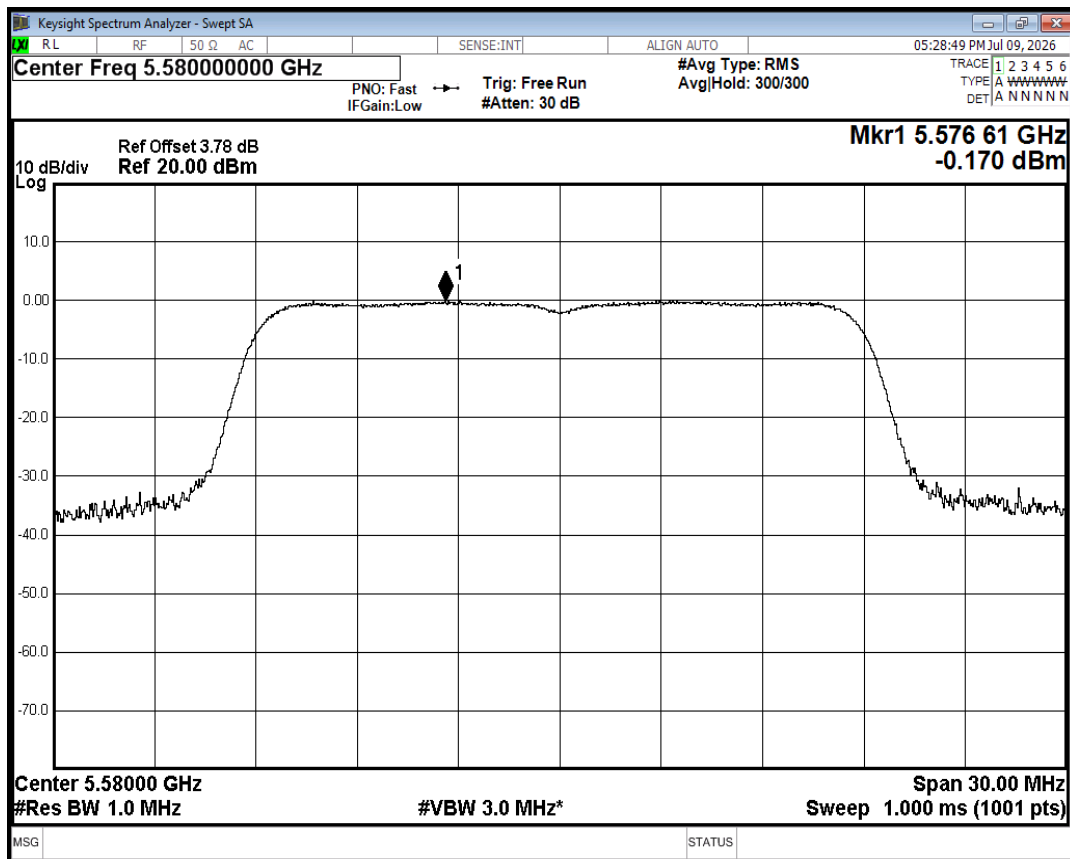
PSD NVNT n40 5550MHz Ant1



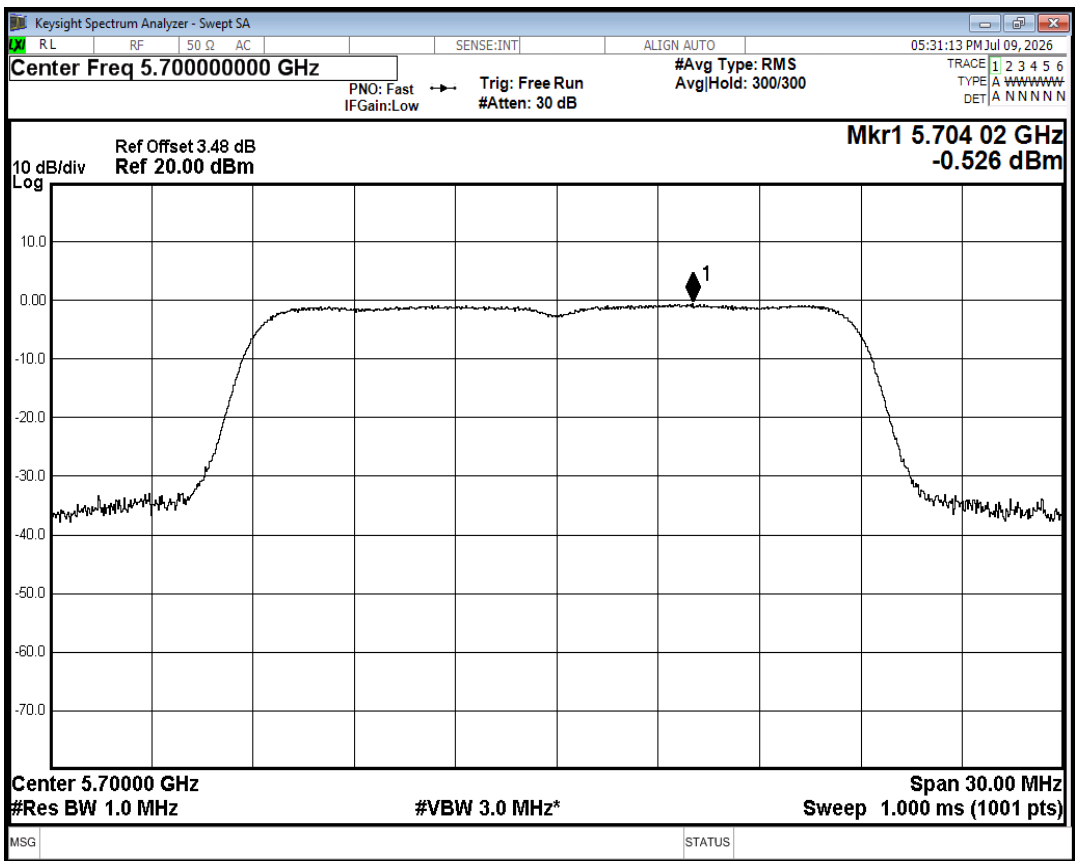
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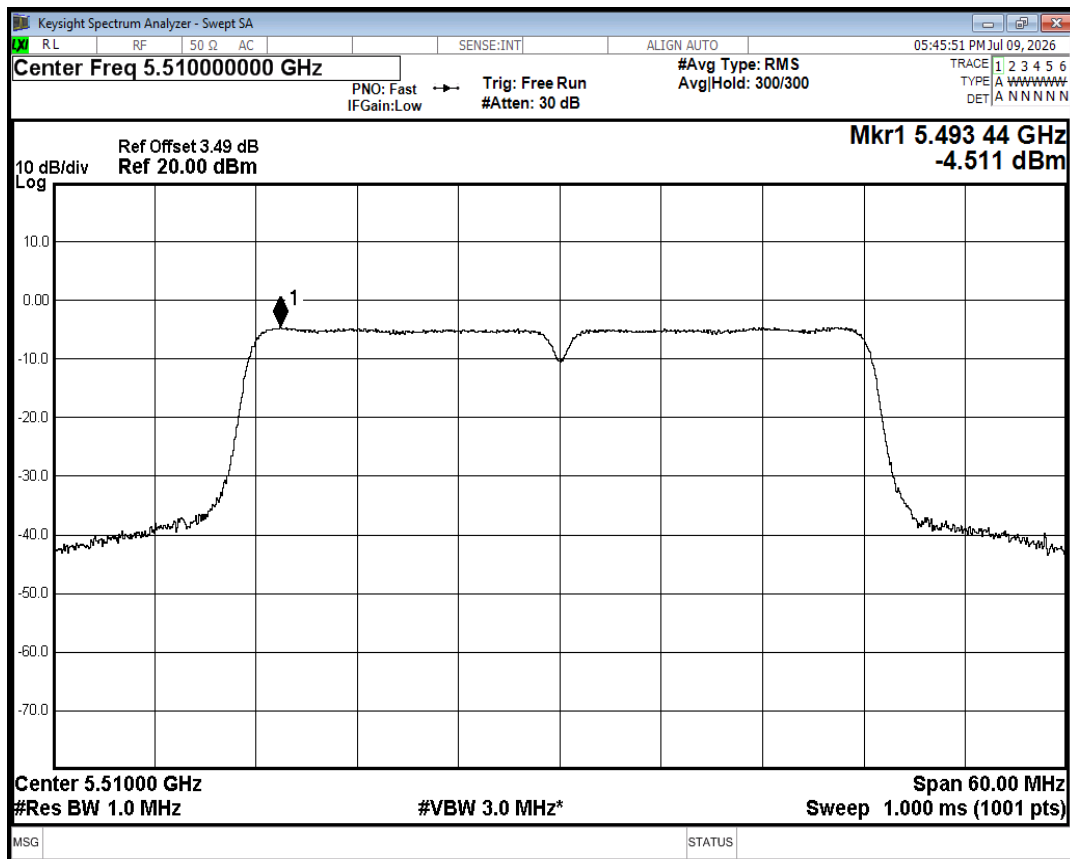
PSD NVNT ac20 5500MHz Ant1



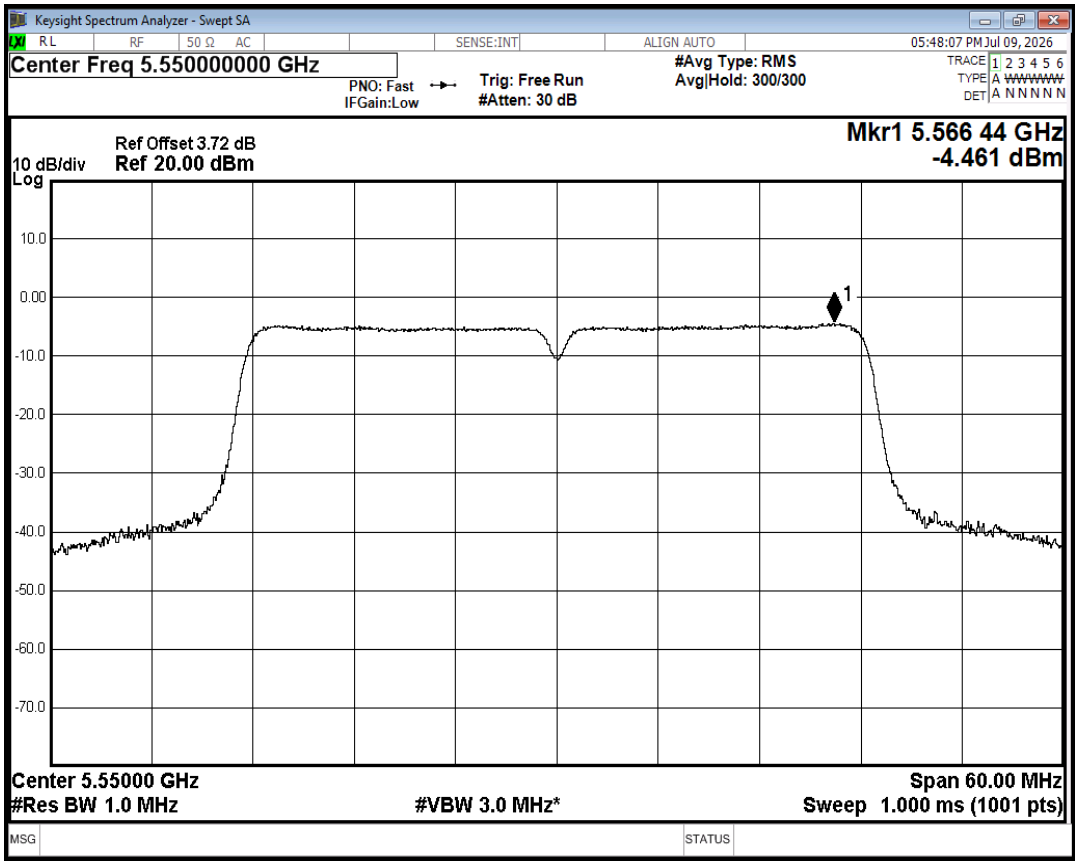
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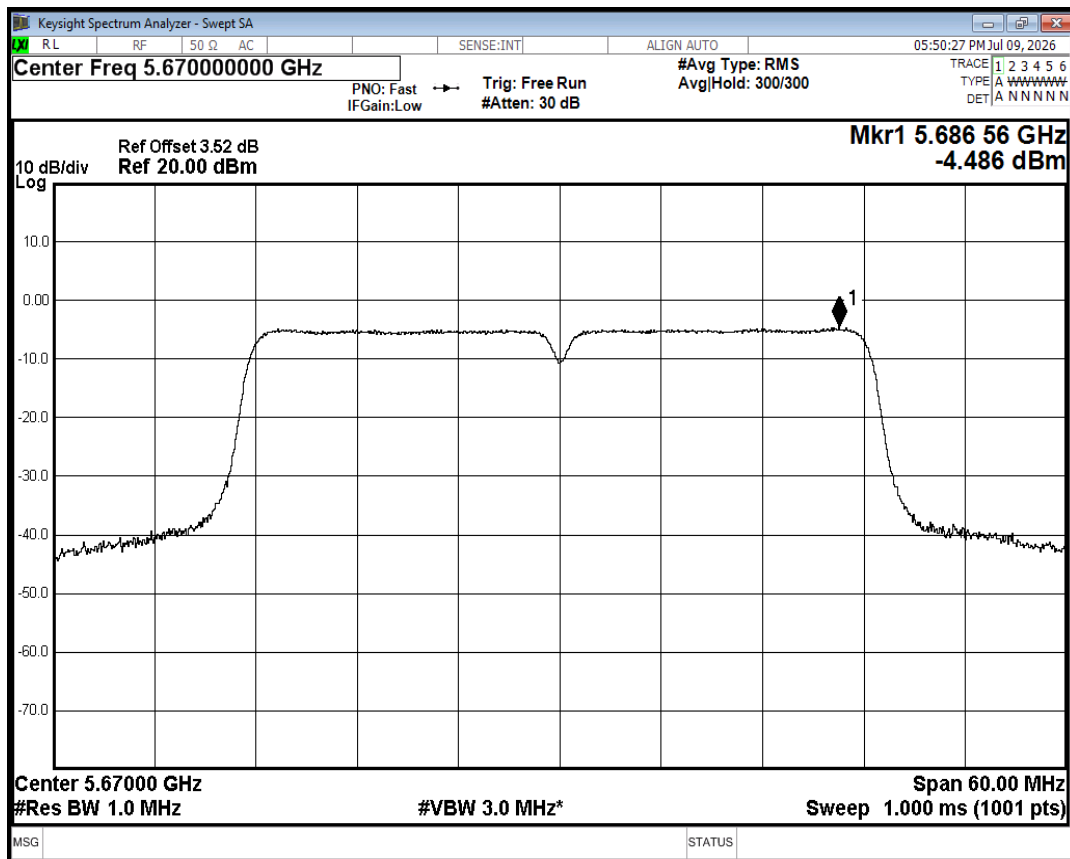


PSD NVNT ac20 5700MHz Ant1

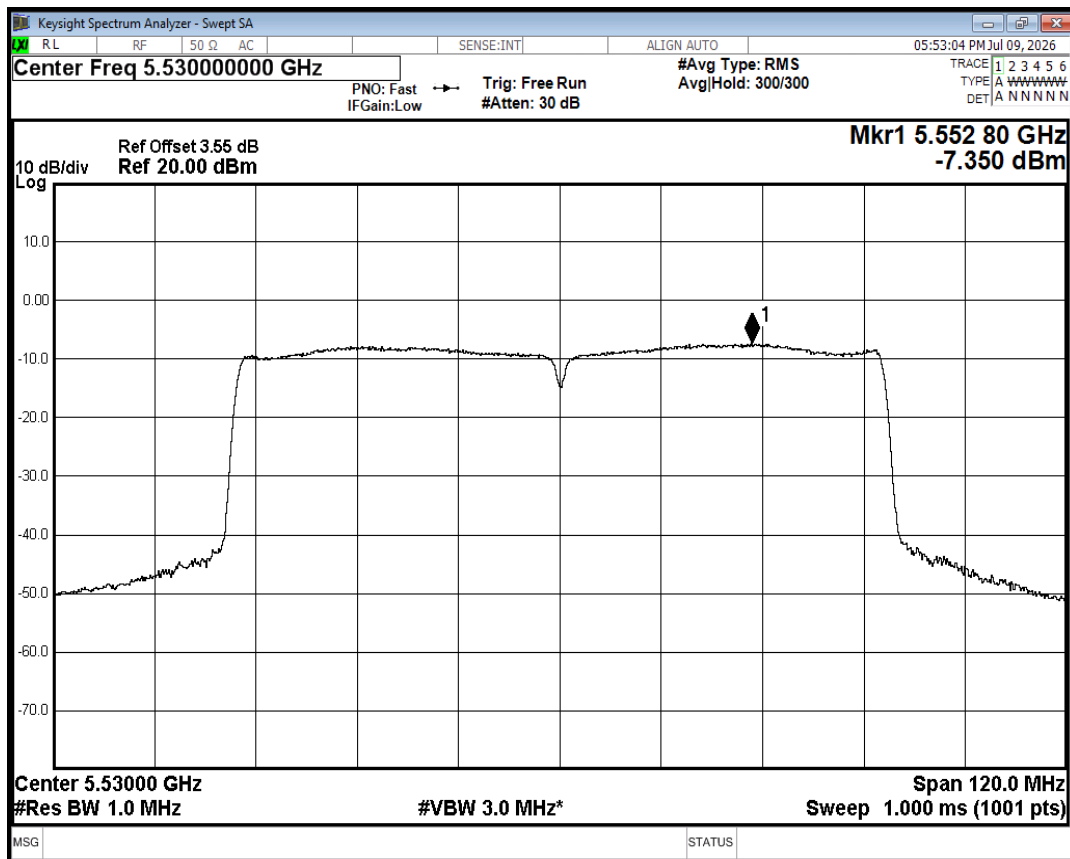


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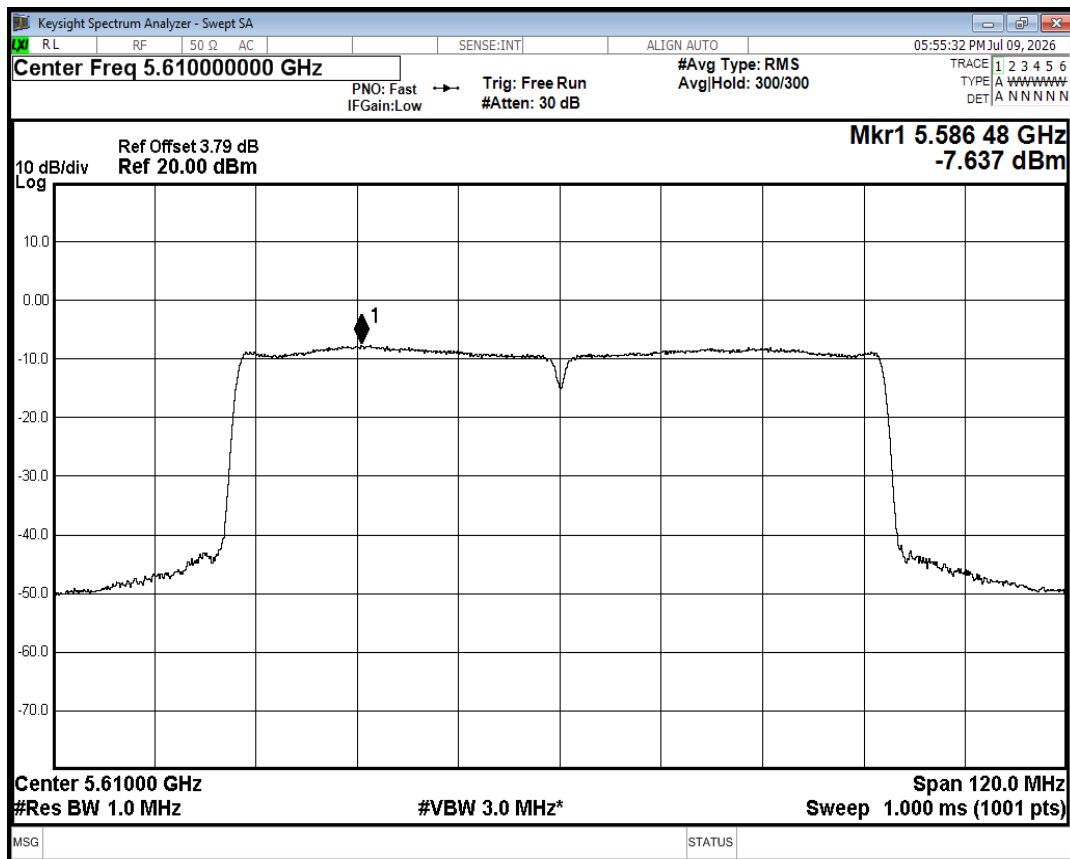




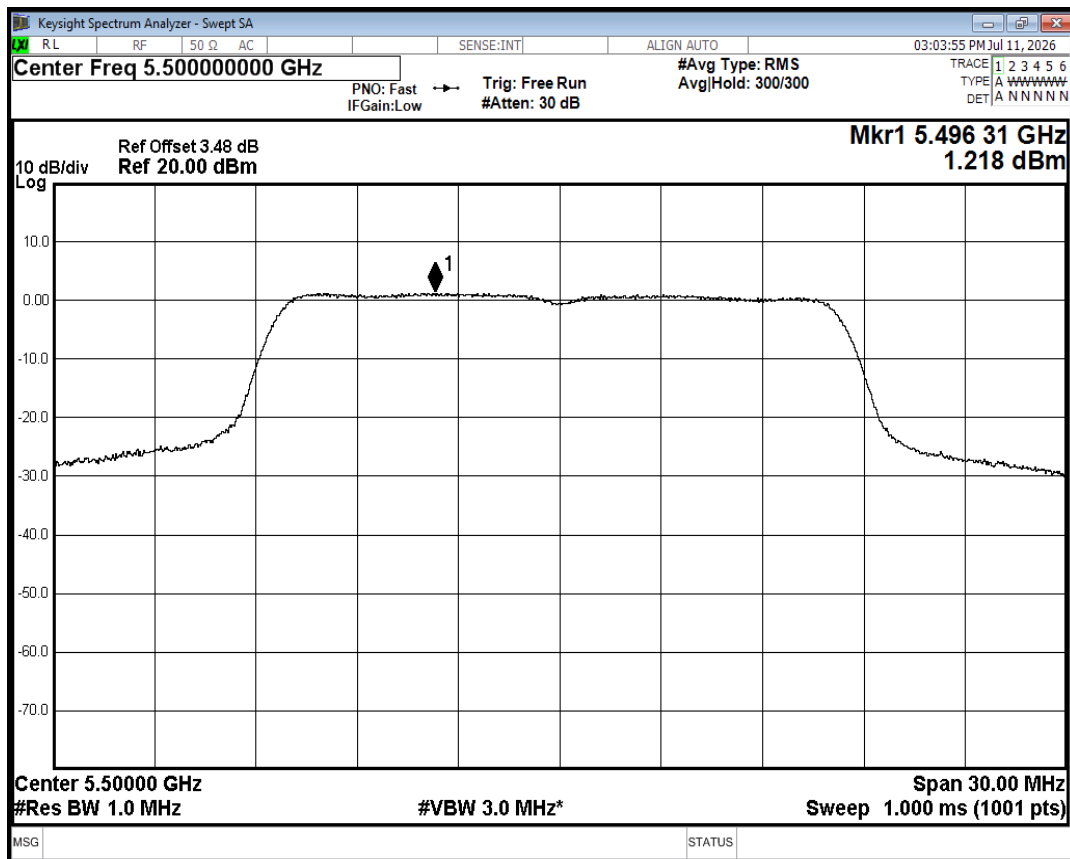
PSD NVNT ac40 5670MHz Ant1



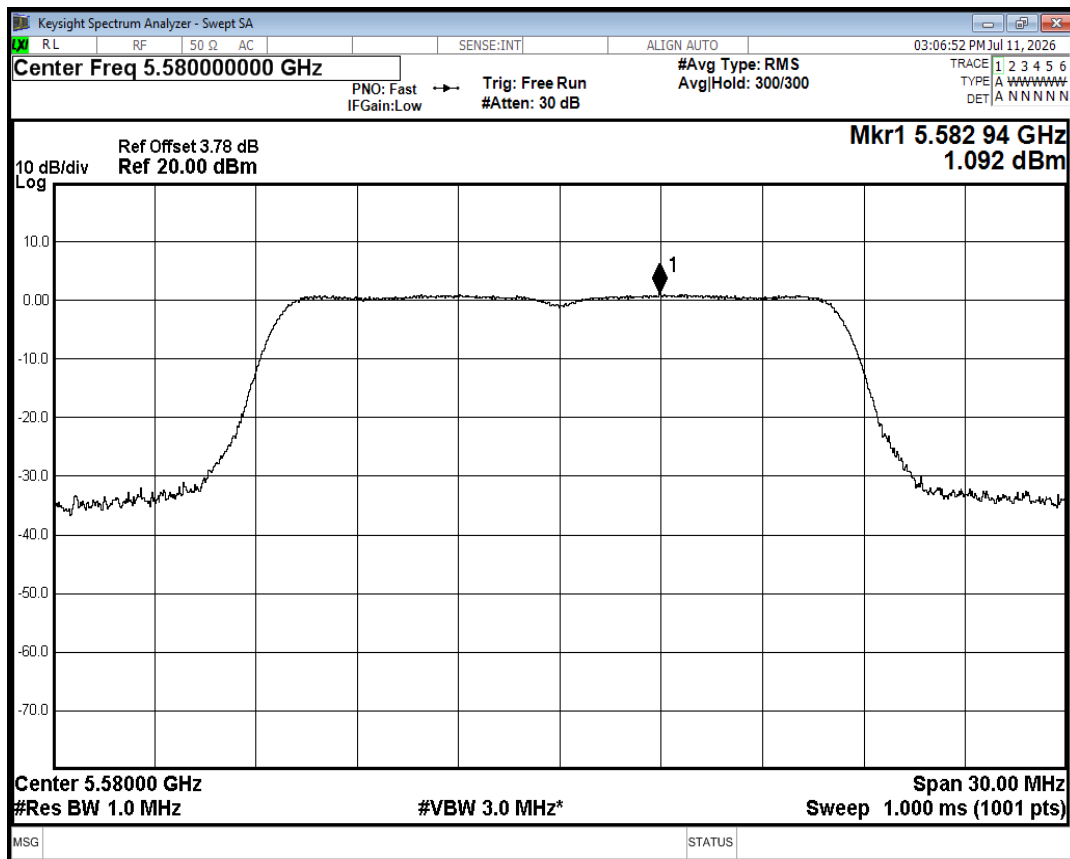
PSD NVNT ac80 5530MHz Ant1



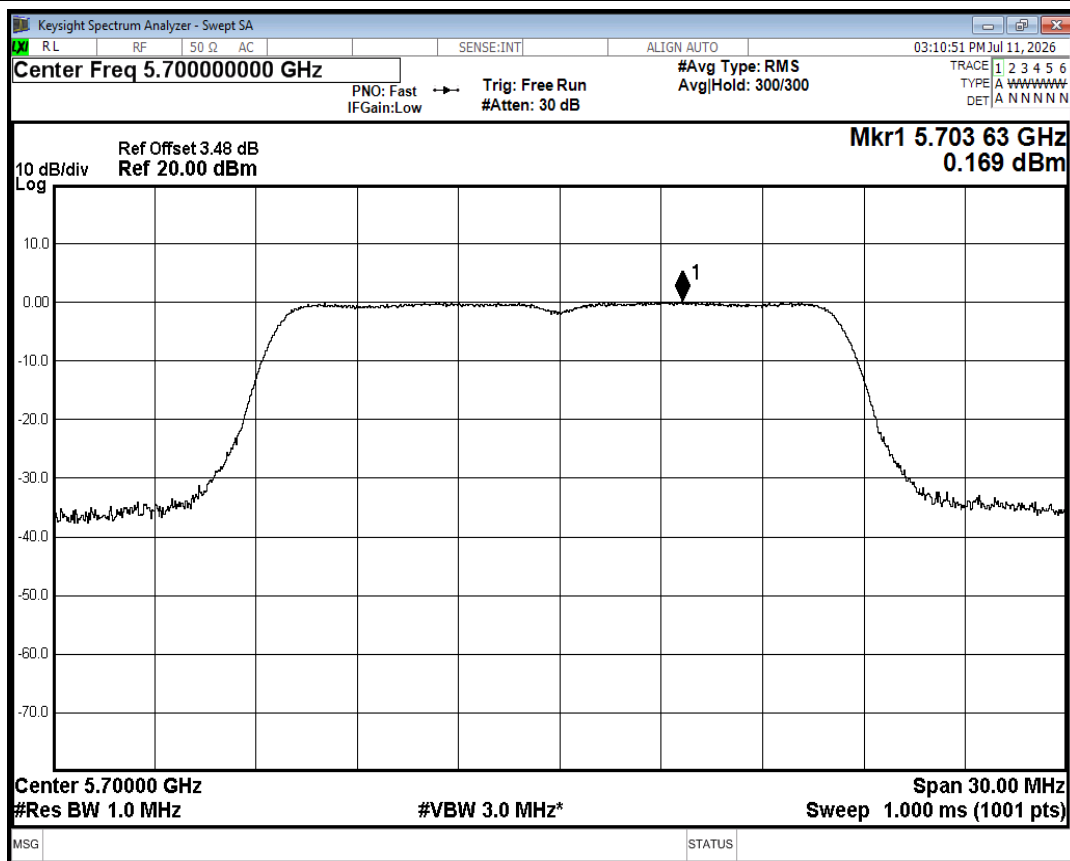
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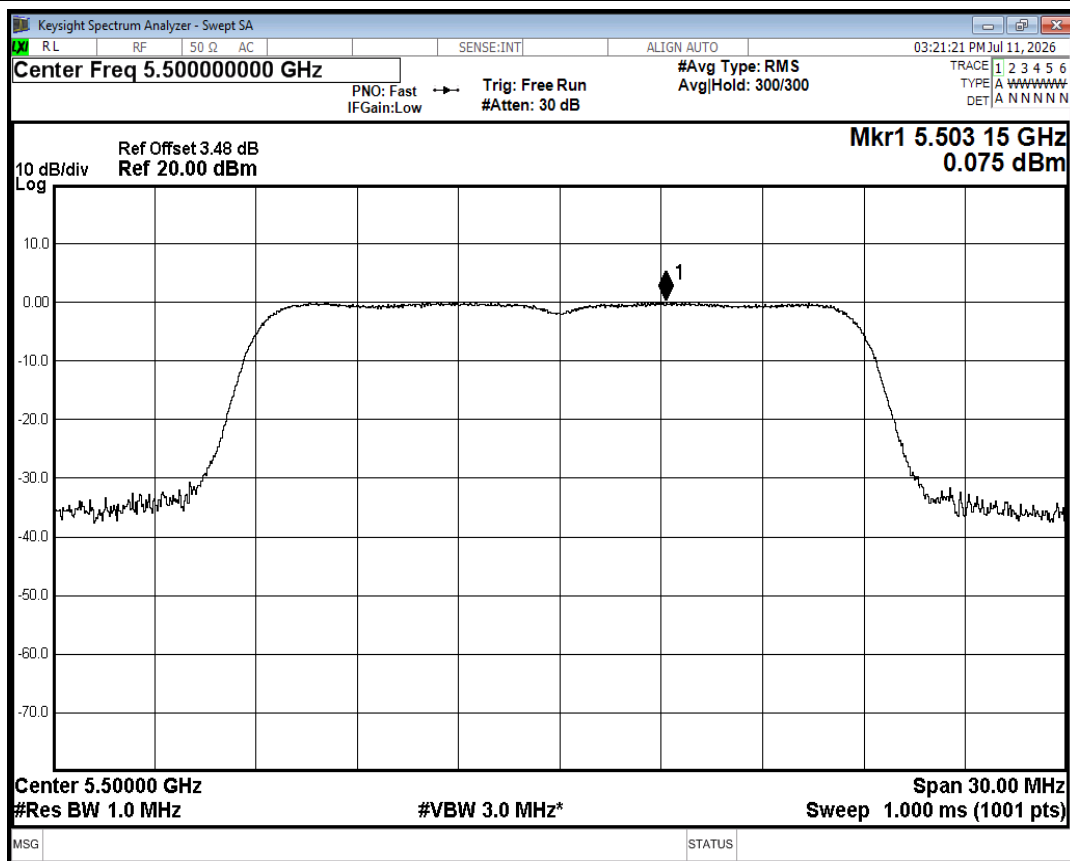
PSD NVNT a 5500MHz Ant2



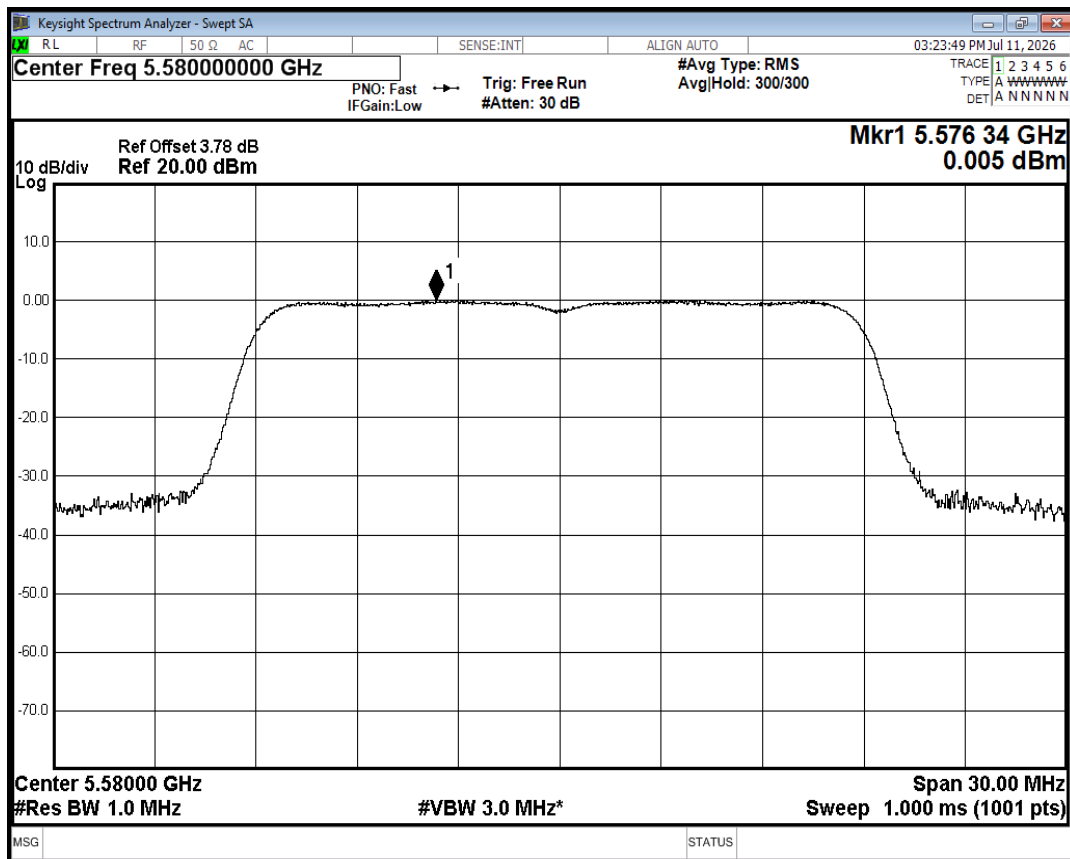
PSD NVNT a 5580MHz Ant2



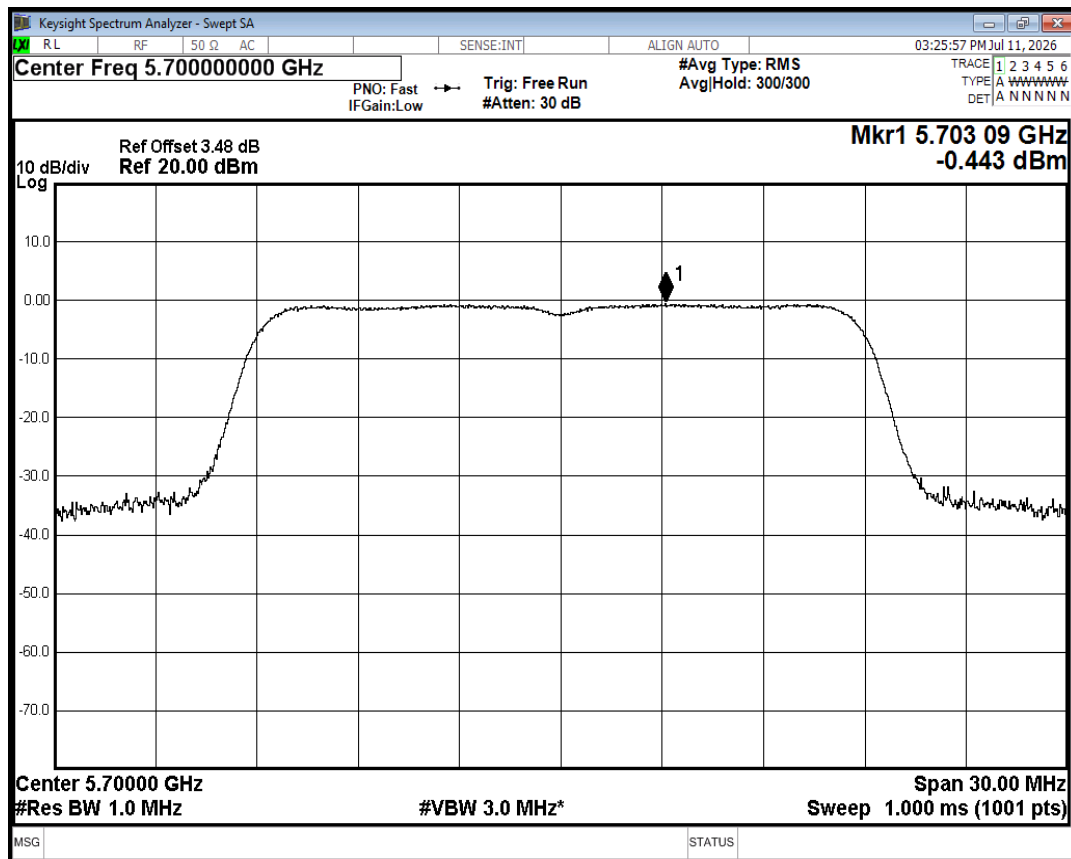
PSD NVNT a 5700MHz Ant2



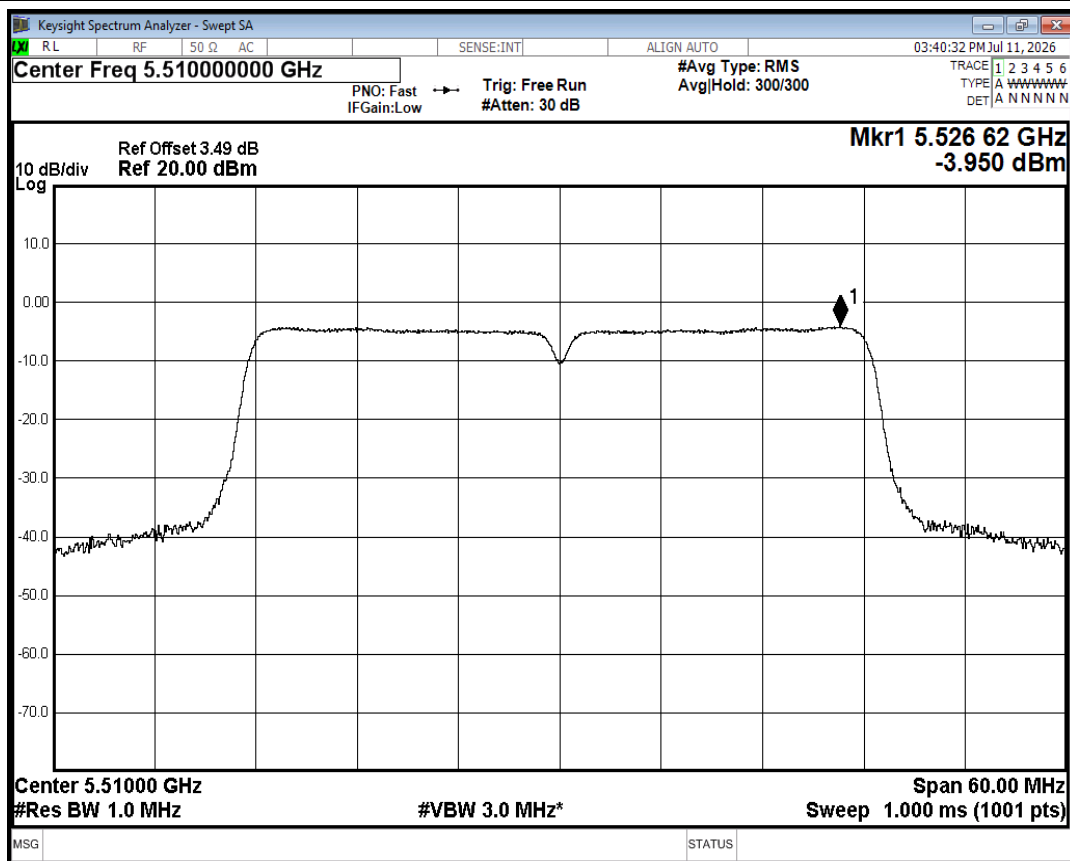
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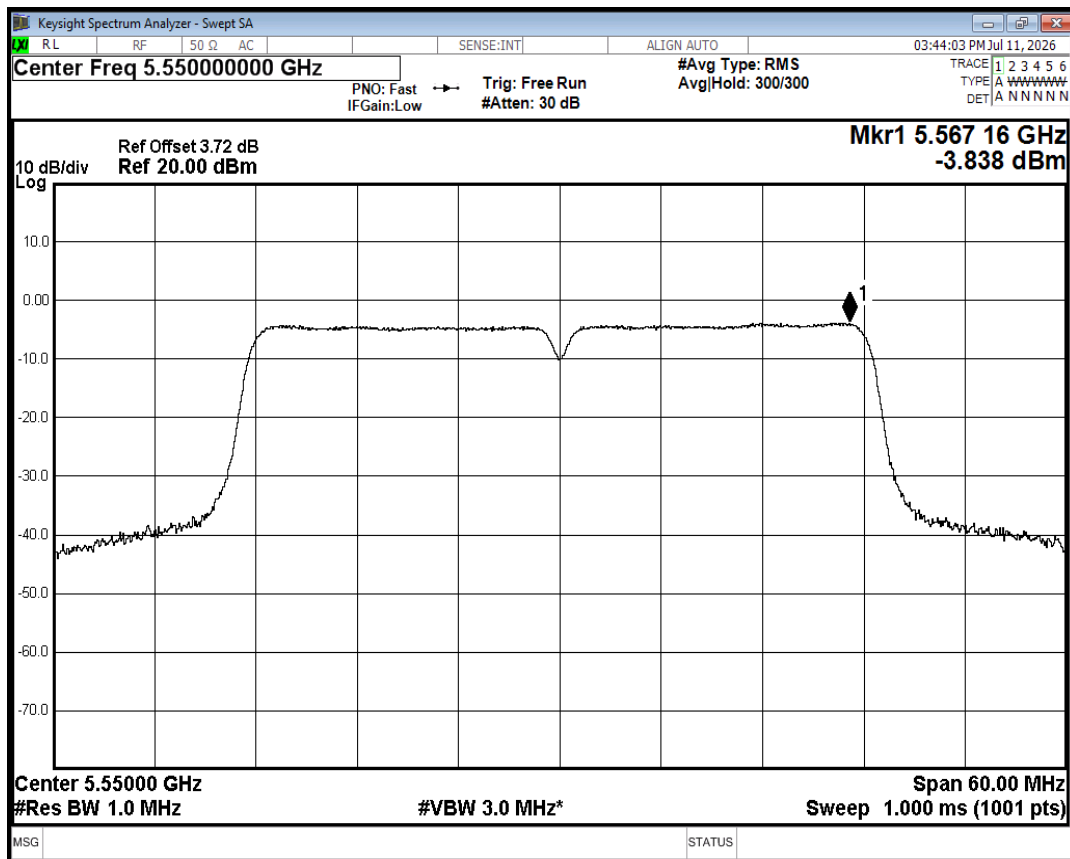
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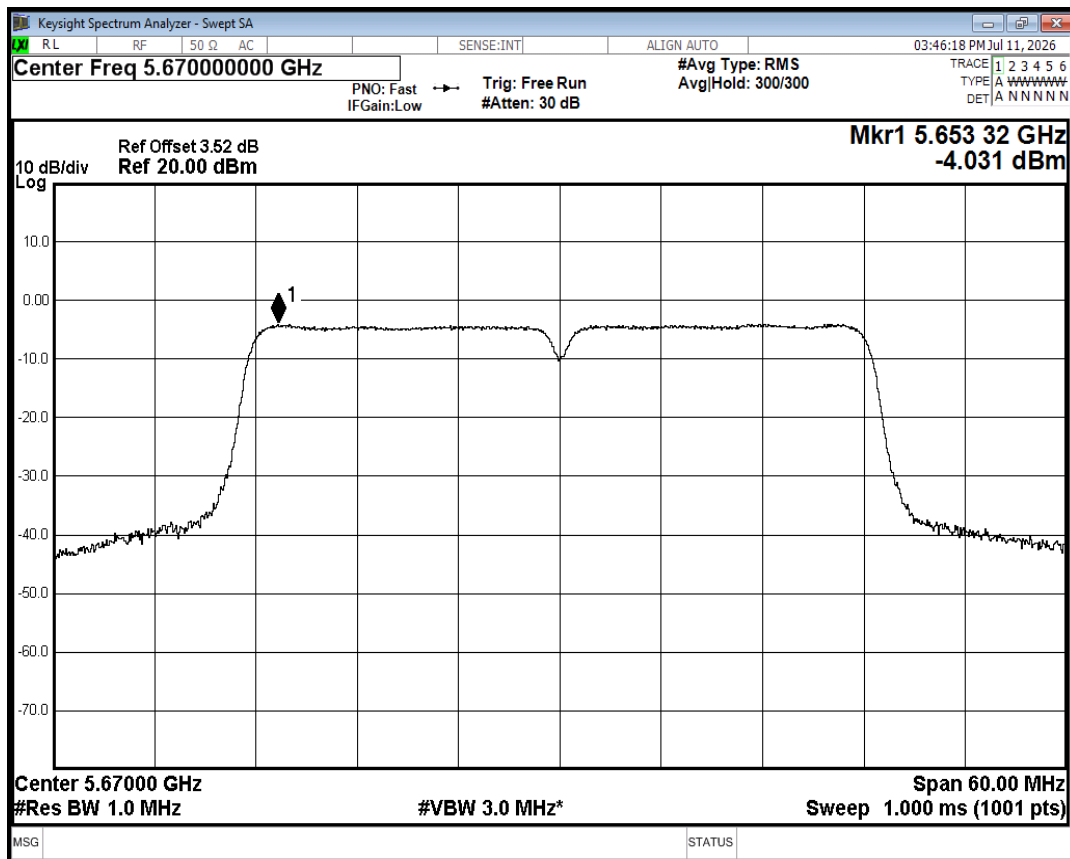
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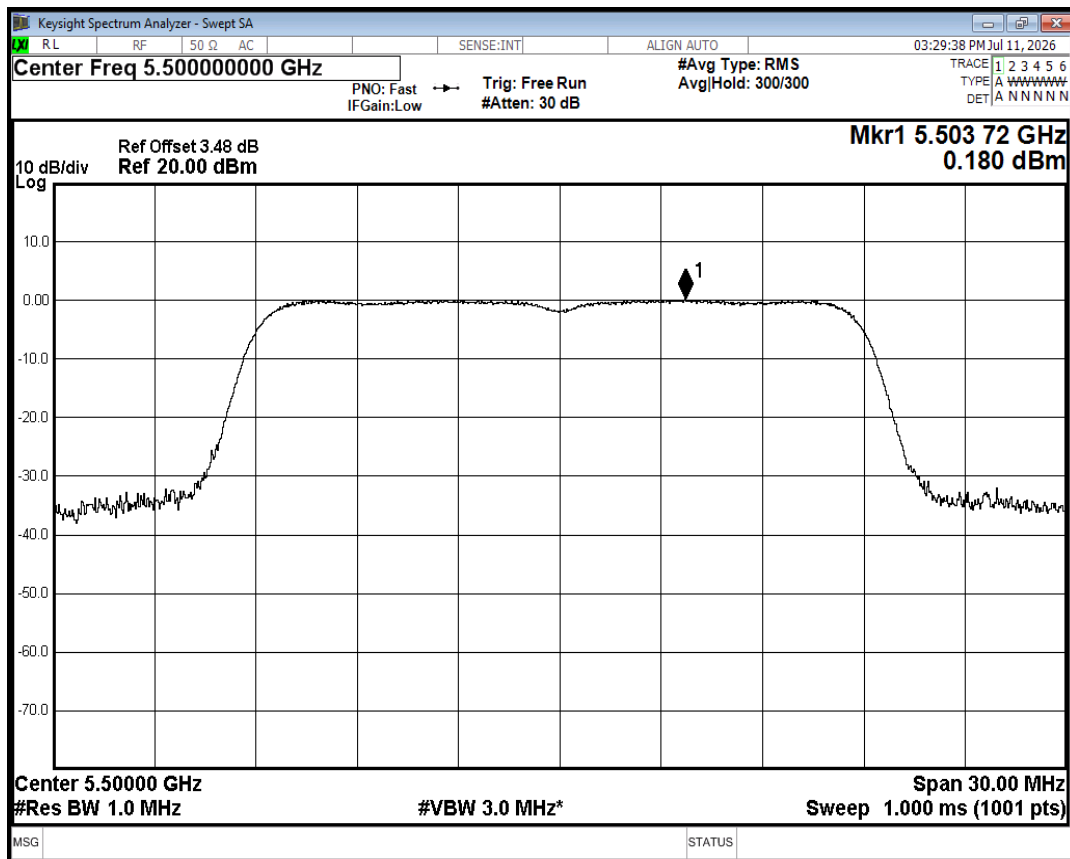
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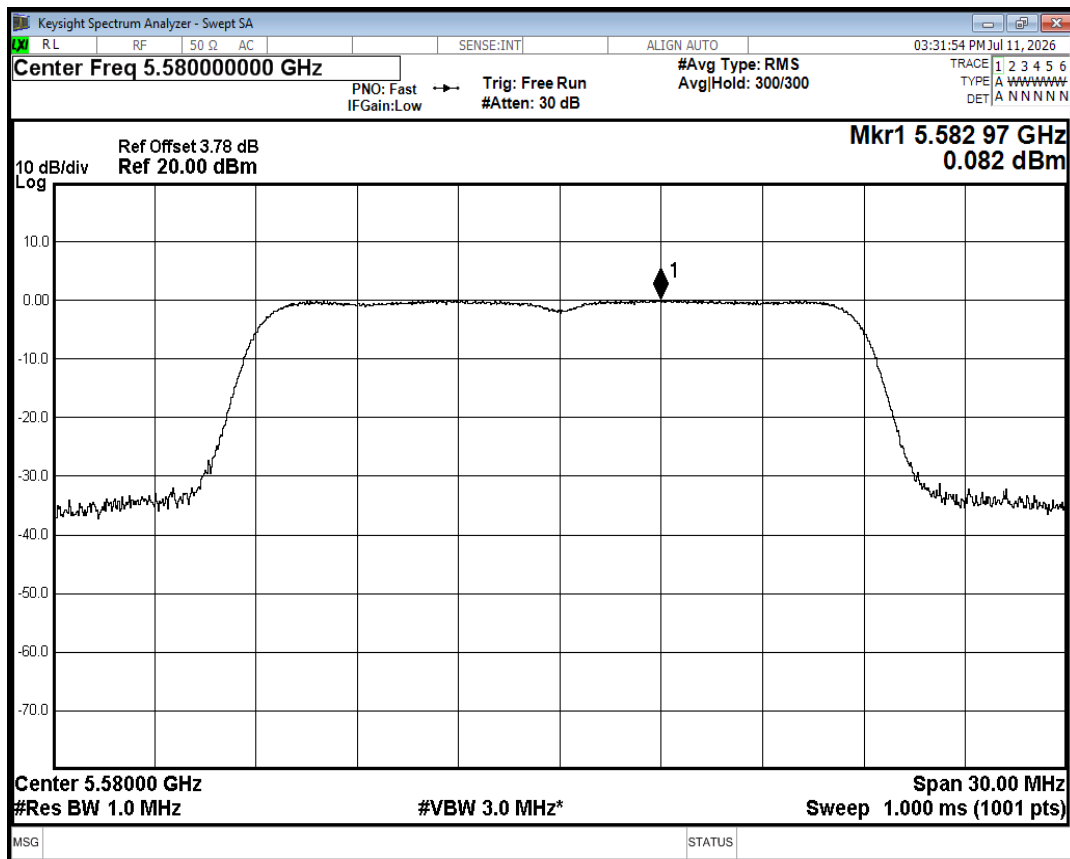
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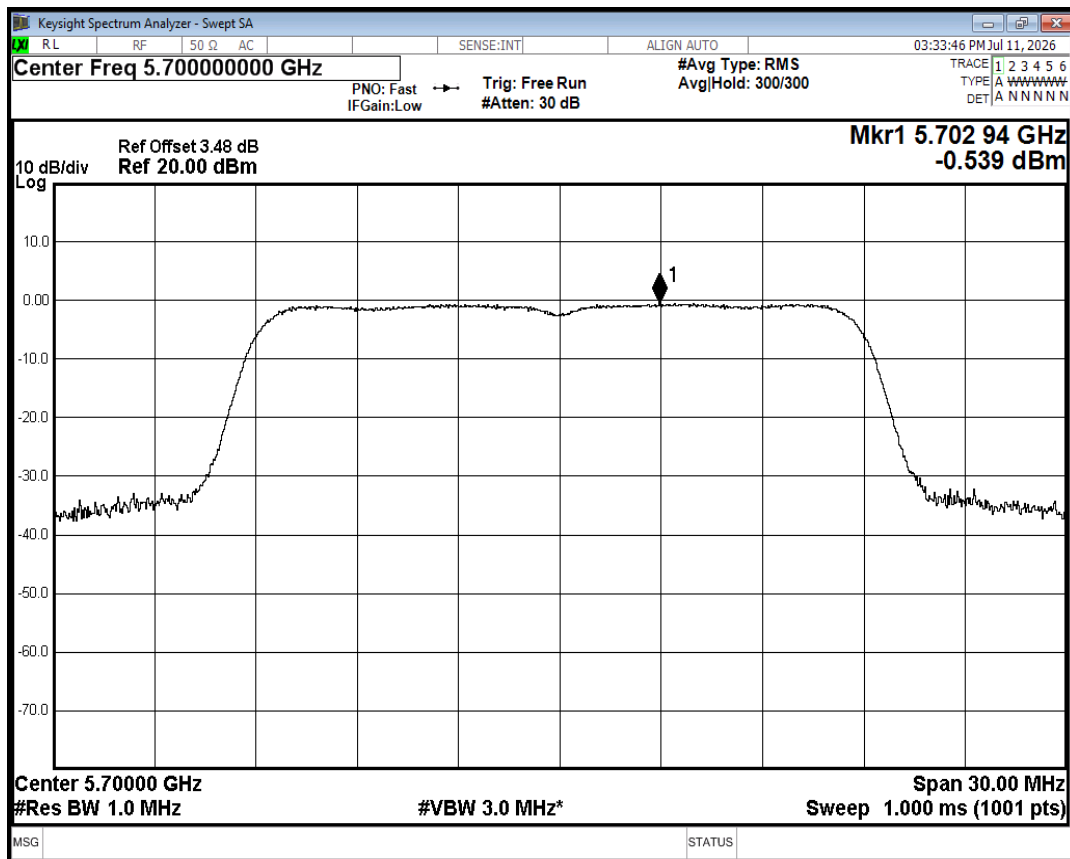
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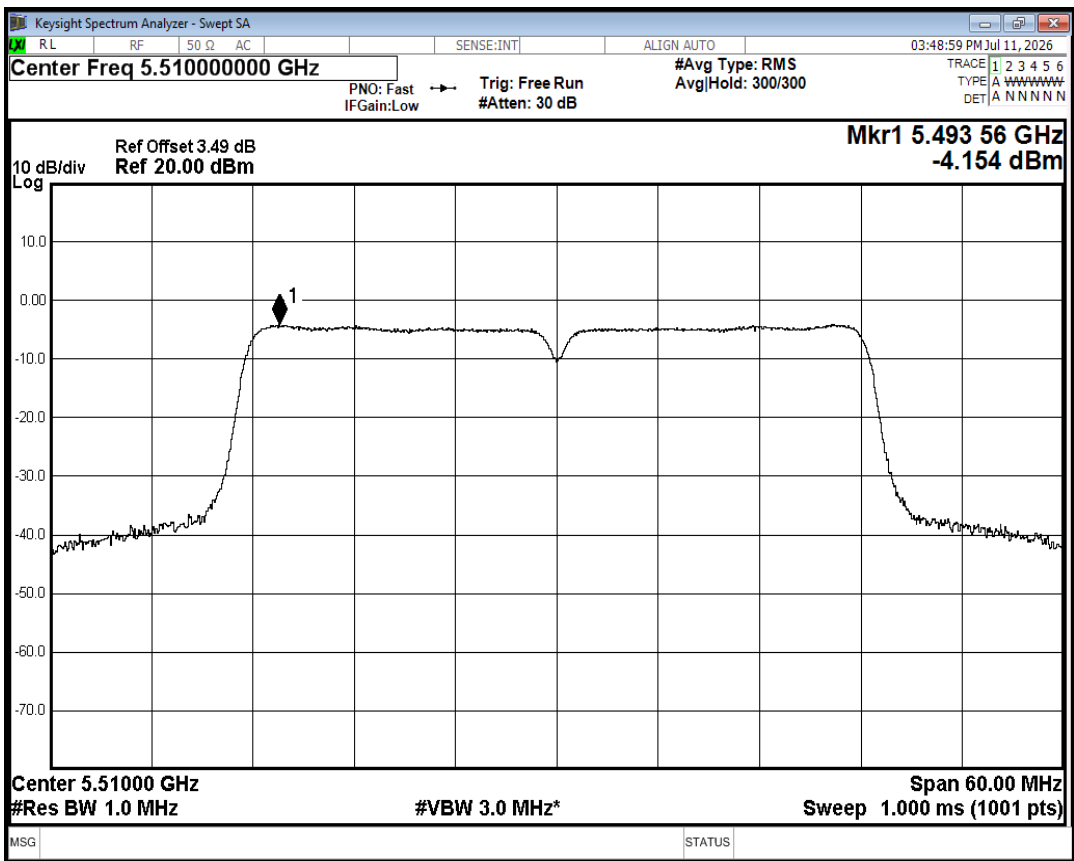
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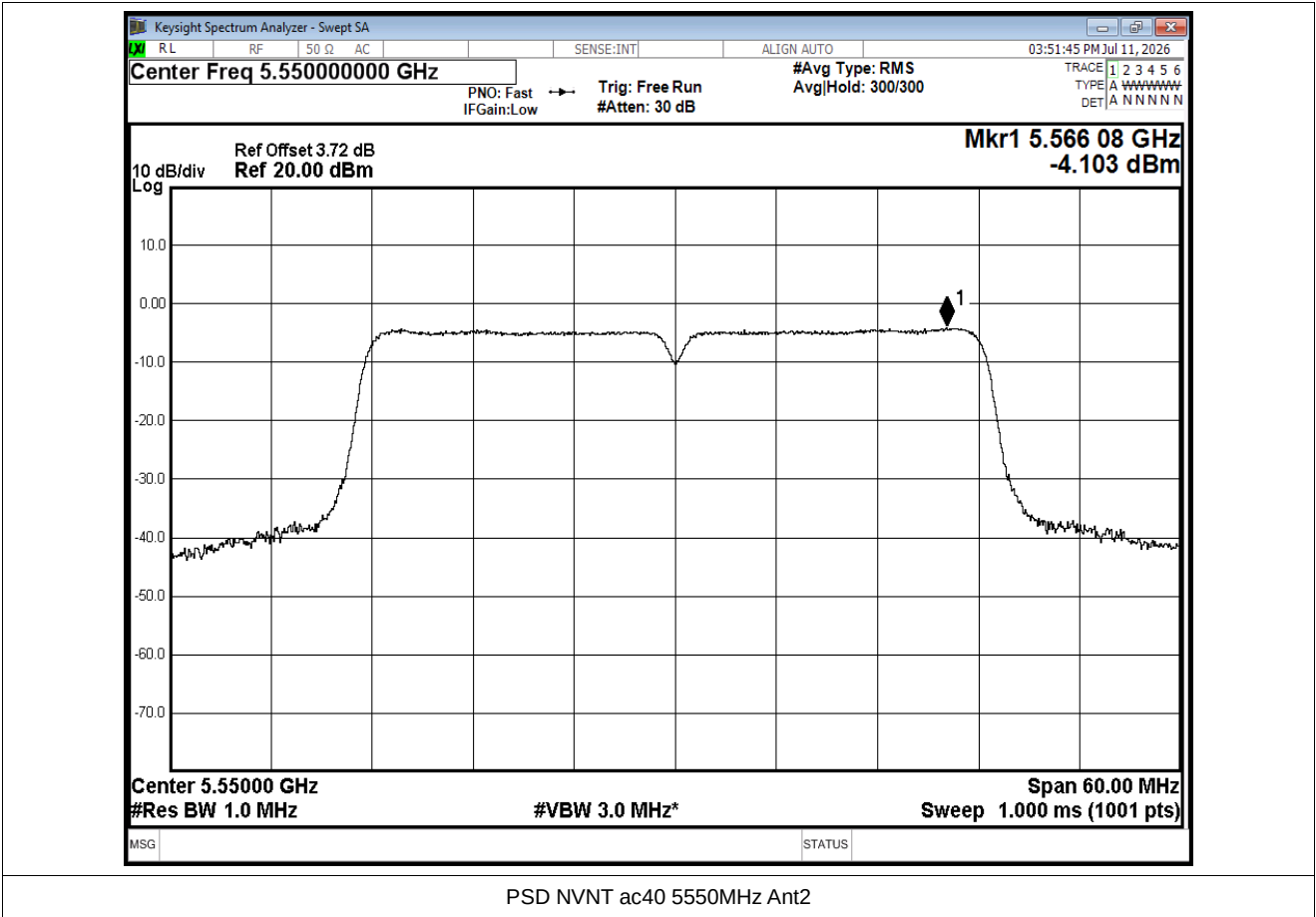
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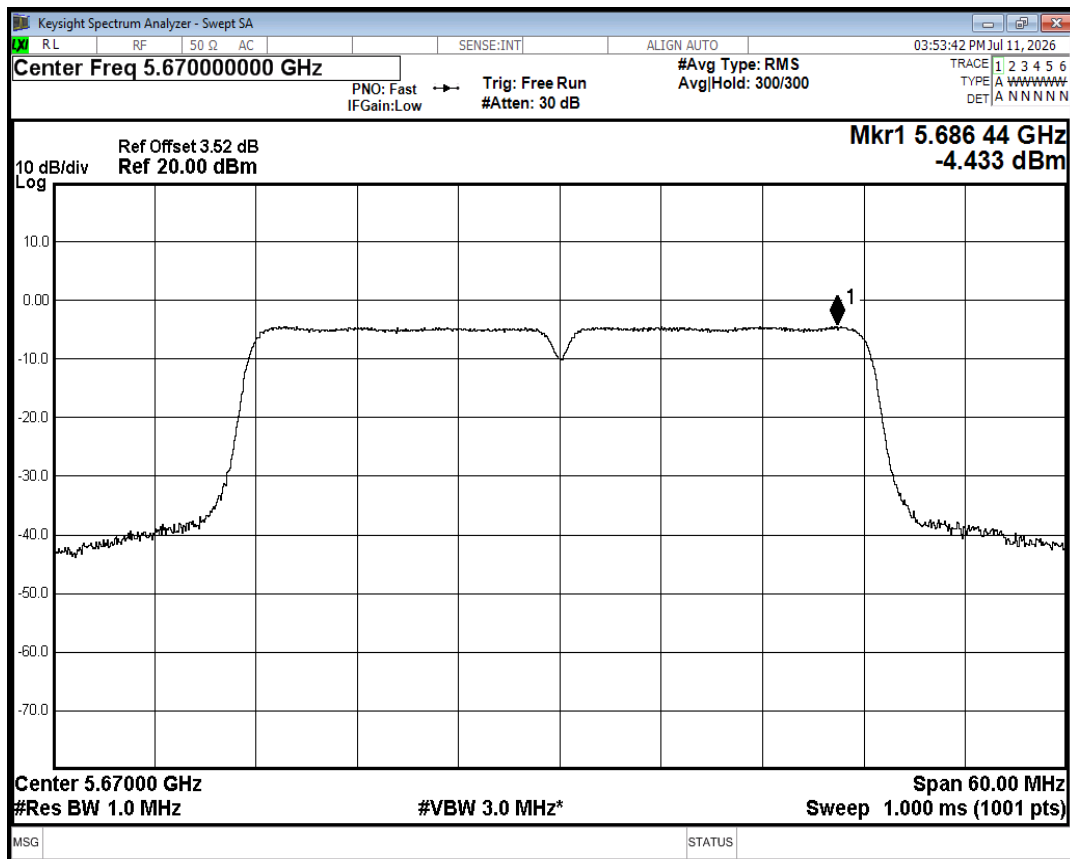


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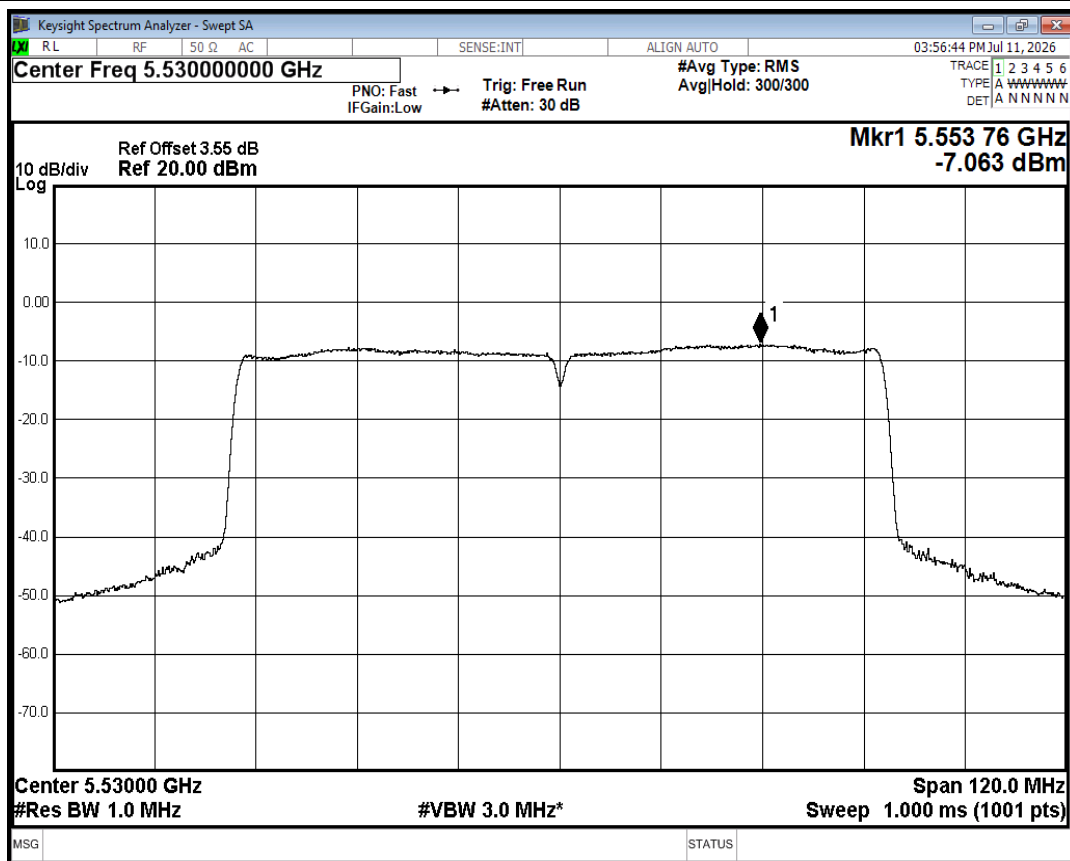


PSD NVNT ac40 5510MHz Ant2

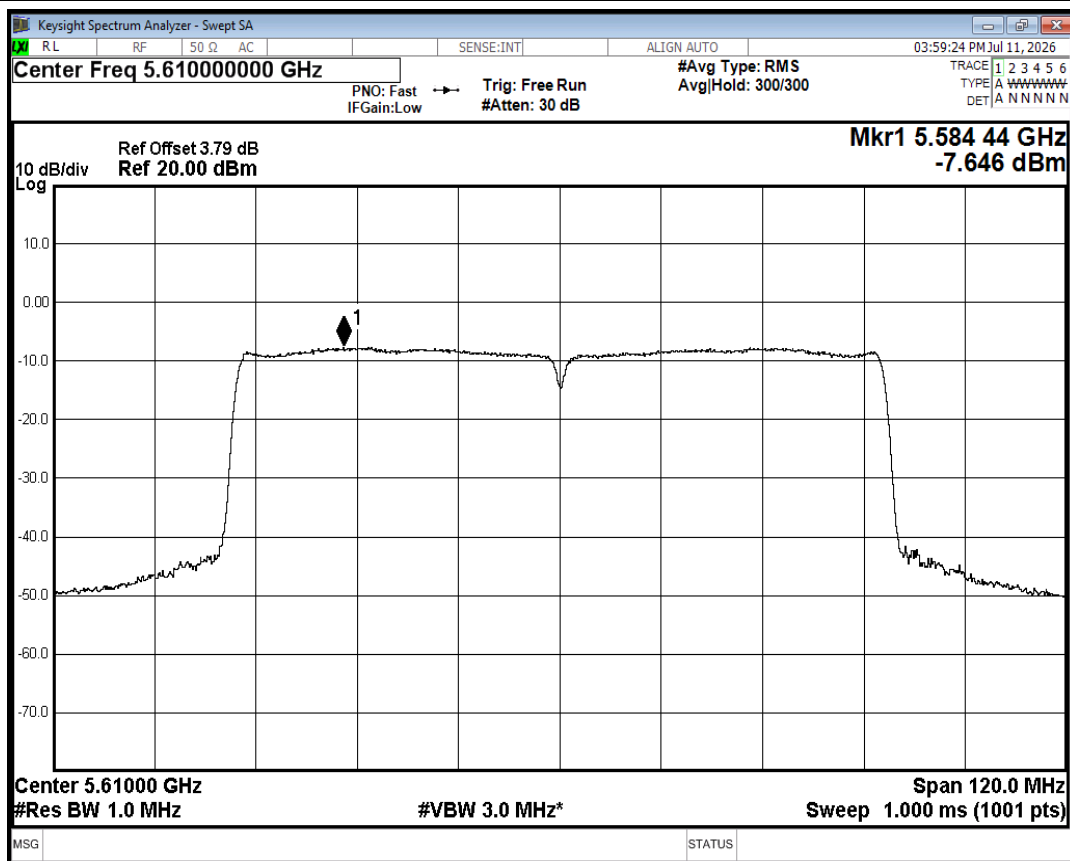




PSD NVNT ac40 5670MHz Ant2



PSD NVNT ac80 5530MHz Ant2



PSD NVNT ac80 5610MHz Ant2

F.4 Restrict Band

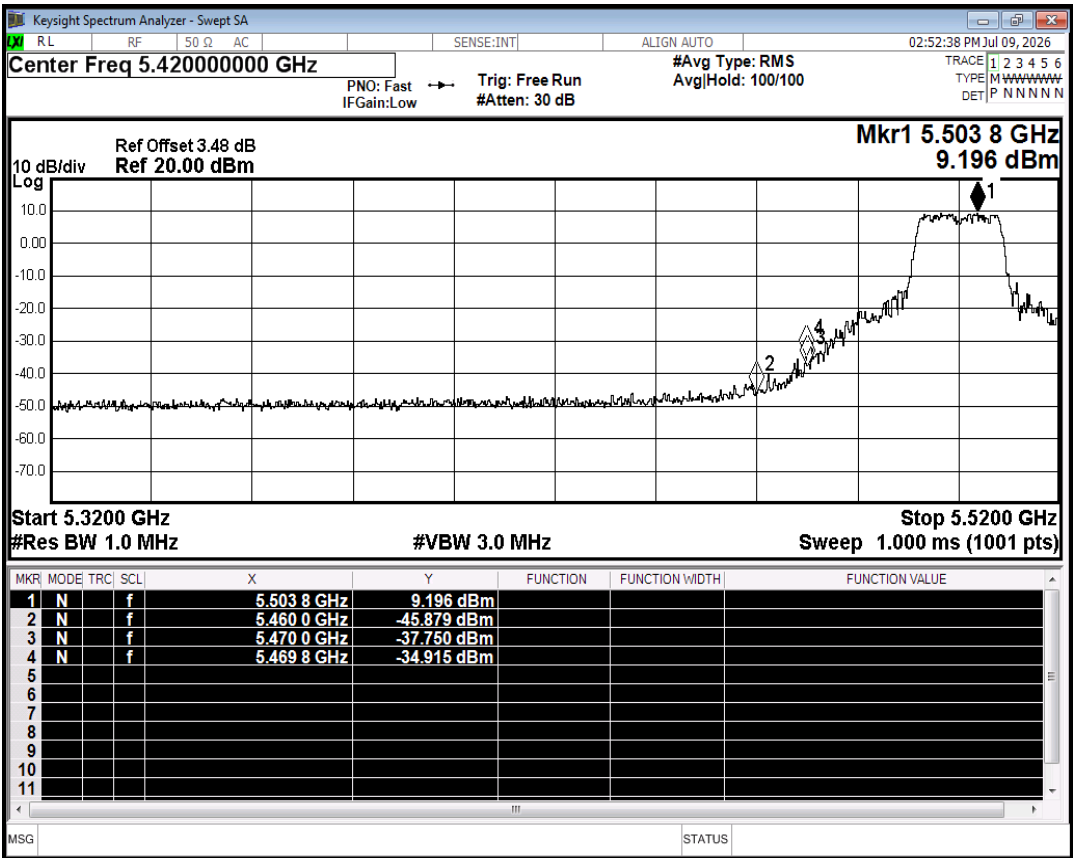
Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5500	Ant1	5460	-45.87	2.88	52.24	Peak	68.2	Pass
NVNT	a	5500	Ant1	5460	-52.83	2.88	45.28	Average	54	Pass
NVNT	a	5500	Ant1	5469.8	-34.91	2.88	63.20	Peak	68.2	Pass
NVNT	a	5500	Ant1	5469.8	-47.97	2.88	50.14	Average	54	Pass
NVNT	a	5500	Ant1	5470	-37.75	2.88	60.36	Peak	68.2	Pass
NVNT	a	5500	Ant1	5470	-48.05	2.88	50.06	Average	54	Pass
NVNT	a	5700	Ant1	5725	-33.88	2.88	64.23	Peak	68.2	Pass
NVNT	a	5700	Ant1	5725	-46.68	2.88	51.43	Average	54	Pass
NVNT	a	5700	Ant1	5725.4	-33.35	2.88	64.76	Peak	68.2	Pass
NVNT	a	5700	Ant1	5725.2	-46.64	2.88	51.47	Average	54	Pass
NVNT	a	5700	Ant1	5735	-45.97	2.88	52.14	Peak	68.2	Pass
NVNT	a	5700	Ant1	5735	-54.36	2.88	43.75	Average	54	Pass
NVNT	n20	5500	Ant1	5460	-46.51	2.88	51.60	Peak	68.2	Pass
NVNT	n20	5500	Ant1	5460	-52.31	2.88	45.80	Average	54	Pass
NVNT	n20	5500	Ant1	5467.4	-32.11	2.88	66.00	Peak	68.2	Pass
NVNT	n20	5500	Ant1	5470	-46.17	2.88	51.94	Average	54	Pass
NVNT	n20	5500	Ant1	5470	-35.88	2.88	62.23	Peak	68.2	Pass
NVNT	n20	5500	Ant1	5470	-46.17	2.88	51.94	Average	54	Pass
NVNT	n20	5700	Ant1	5725	-32.29	2.88	65.82	Peak	68.2	Pass
NVNT	n20	5700	Ant1	5725	-46.31	2.88	51.80	Average	54	Pass
NVNT	n20	5700	Ant1	5728	-30.42	2.88	67.69	Peak	68.2	Pass
NVNT	n20	5700	Ant1	5725	-46.31	2.88	51.80	Average	54	Pass
NVNT	n20	5700	Ant1	5735	-40.1	2.88	58.01	Peak	68.2	Pass
NVNT	n20	5700	Ant1	5735	-54.07	2.88	44.04	Average	54	Pass
NVNT	n40	5510	Ant1	5460	-40.87	2.88	57.24	Peak	68.2	Pass
NVNT	n40	5510	Ant1	5460	-50.33	2.88	47.78	Average	54	Pass
NVNT	n40	5510	Ant1	5469.4	-32.01	2.88	66.10	Peak	68.2	Pass
NVNT	n40	5510	Ant1	5470	-46.05	2.88	52.06	Average	54	Pass
NVNT	n40	5510	Ant1	5470	-36.83	2.88	61.28	Peak	68.2	Pass
NVNT	n40	5510	Ant1	5470	-46.05	2.88	52.06	Average	54	Pass
NVNT	n40	5670	Ant1	5725	-43.75	2.88	54.36	Peak	68.2	Pass
NVNT	n40	5670	Ant1	5725	-52.48	2.88	45.63	Average	54	Pass
NVNT	n40	5670	Ant1	5725.4	-41.06	2.88	57.05	Peak	68.2	Pass
NVNT	n40	5670	Ant1	5725.2	-52.38	2.88	45.73	Average	54	Pass
NVNT	n40	5670	Ant1	5735	-48.78	2.88	49.33	Peak	68.2	Pass
NVNT	n40	5670	Ant1	5735	-54.51	2.88	43.60	Average	54	Pass
NVNT	ac20	5500	Ant1	5460	-46.1	2.88	52.01	Peak	68.2	Pass
NVNT	ac20	5500	Ant1	5460	-52.96	2.88	45.15	Average	54	Pass

Guangzhou LCS Compliance Testing Laboratory Ltd.

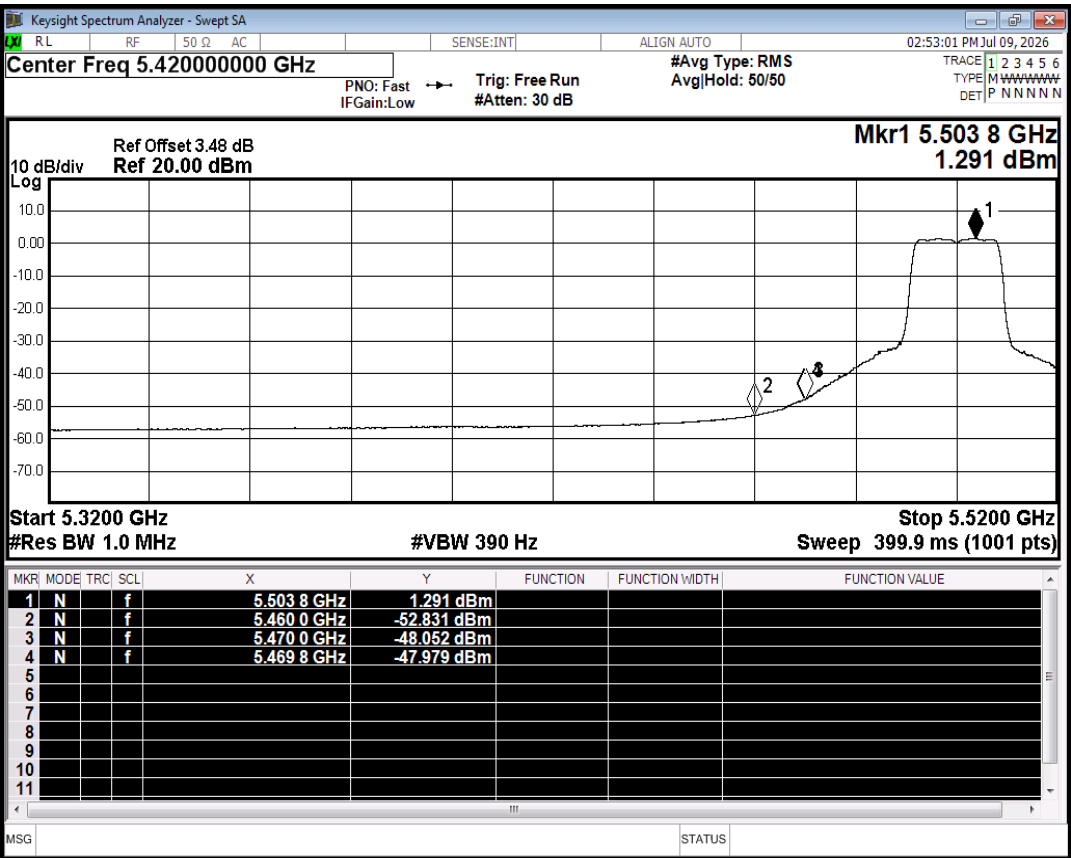
Add: No.44-1, Qianfeng North Road, Shiqi, Panyu District, Guangzhou, Guangdong, China

Tel: +(86) 020-39166689 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

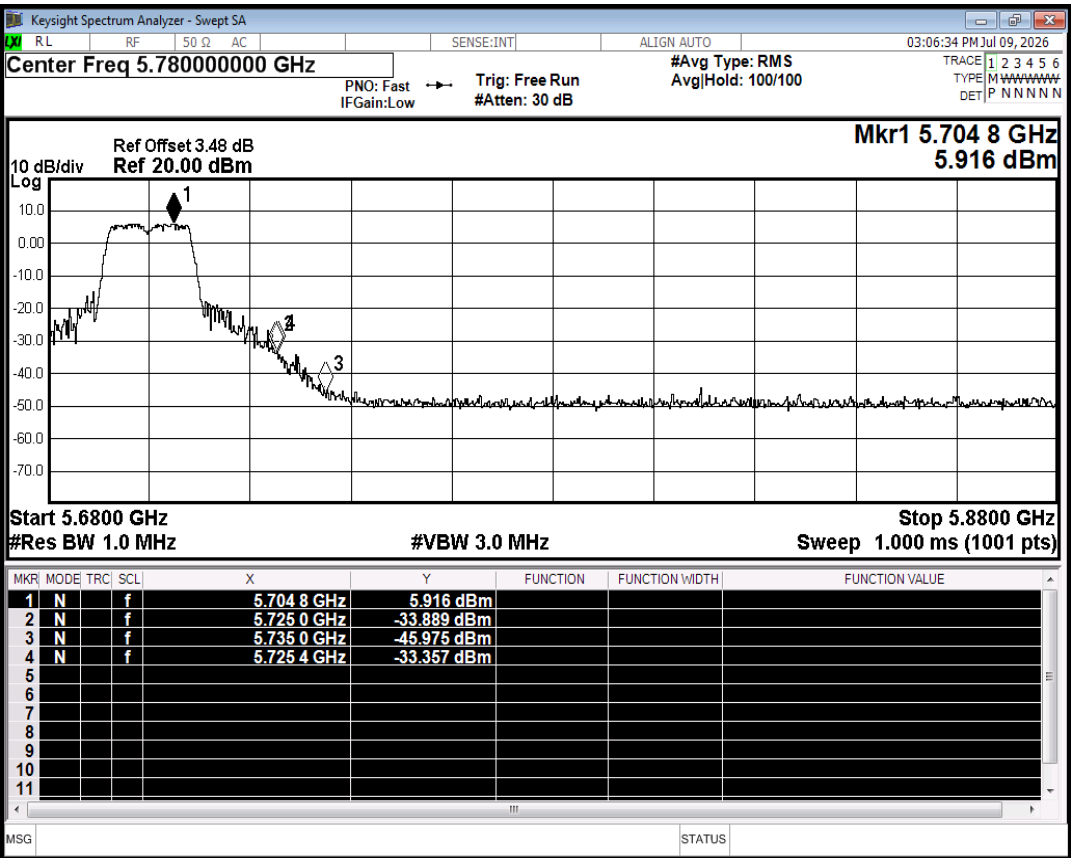
NVNT	ac20	5500	Ant1	5469.4	-37.06	2.88	61.05	Peak	68.2	Pass
NVNT	ac20	5500	Ant1	5470	-47.67	2.88	50.44	Average	54	Pass
NVNT	ac20	5500	Ant1	5470	-38.51	2.88	59.60	Peak	68.2	Pass
NVNT	ac20	5500	Ant1	5470	-47.67	2.88	50.44	Average	54	Pass
NVNT	ac20	5700	Ant1	5725	-33.2	2.88	64.91	Peak	68.2	Pass
NVNT	ac20	5700	Ant1	5725	-44.99	2.88	53.12	Average	54	Pass
NVNT	ac20	5700	Ant1	5727.4	-31.55	2.88	66.56	Peak	68.2	Pass
NVNT	ac20	5700	Ant1	5725	-44.99	2.88	53.12	Average	54	Pass
NVNT	ac20	5700	Ant1	5735	-41.4	2.88	56.71	Peak	68.2	Pass
NVNT	ac20	5700	Ant1	5735	-54.66	2.88	43.45	Average	54	Pass
NVNT	ac40	5510	Ant1	5460	-45.13	2.88	52.98	Peak	68.2	Pass
NVNT	ac40	5510	Ant1	5460	-51.46	2.88	46.65	Average	54	Pass
NVNT	ac40	5510	Ant1	5470	-32.25	2.88	65.86	Peak	68.2	Pass
NVNT	ac40	5510	Ant1	5469.8	-46.42	2.88	51.69	Average	54	Pass
NVNT	ac40	5510	Ant1	5470	-32.25	2.88	65.86	Peak	68.2	Pass
NVNT	ac40	5510	Ant1	5470	-46.65	2.88	51.46	Average	54	Pass
NVNT	ac40	5670	Ant1	5725	-44.99	2.88	53.12	Peak	68.2	Pass
NVNT	ac40	5670	Ant1	5725	-52.75	2.88	45.36	Average	54	Pass
NVNT	ac40	5670	Ant1	5725.4	-40.75	2.88	57.36	Peak	68.2	Pass
NVNT	ac40	5670	Ant1	5725	-52.75	2.88	45.36	Average	54	Pass
NVNT	ac40	5670	Ant1	5735	-48.2	2.88	49.91	Peak	68.2	Pass
NVNT	ac40	5670	Ant1	5735	-54.78	2.88	43.33	Average	54	Pass
NVNT	ac80	5530	Ant1	5460	-41.07	2.88	57.04	Peak	68.2	Pass
NVNT	ac80	5530	Ant1	5460	-47.39	2.88	50.72	Average	54	Pass
NVNT	ac80	5530	Ant1	5467.2	-34.78	2.88	63.33	Peak	68.2	Pass
NVNT	ac80	5530	Ant1	5462.4	-47.34	2.88	50.77	Average	54	Pass
NVNT	ac80	5530	Ant1	5470	-38.33	2.88	59.78	Peak	68.2	Pass
NVNT	ac80	5530	Ant1	5470	-48.01	2.88	50.10	Average	54	Pass
NVNT	ac80	5610	Ant1	5725	-48.93	2.88	49.18	Peak	68.2	Pass
NVNT	ac80	5610	Ant1	5725	-55.41	2.88	42.70	Average	54	Pass
NVNT	ac80	5610	Ant1	5730.285	-46.9	2.88	51.21	Peak	68.2	Pass
NVNT	ac80	5610	Ant1	5727.62	-55.2	2.88	42.91	Average	54	Pass
NVNT	ac80	5610	Ant1	5735	-50.28	2.88	47.83	Peak	68.2	Pass
NVNT	ac80	5610	Ant1	5735	-55.68	2.88	42.43	Average	54	Pass



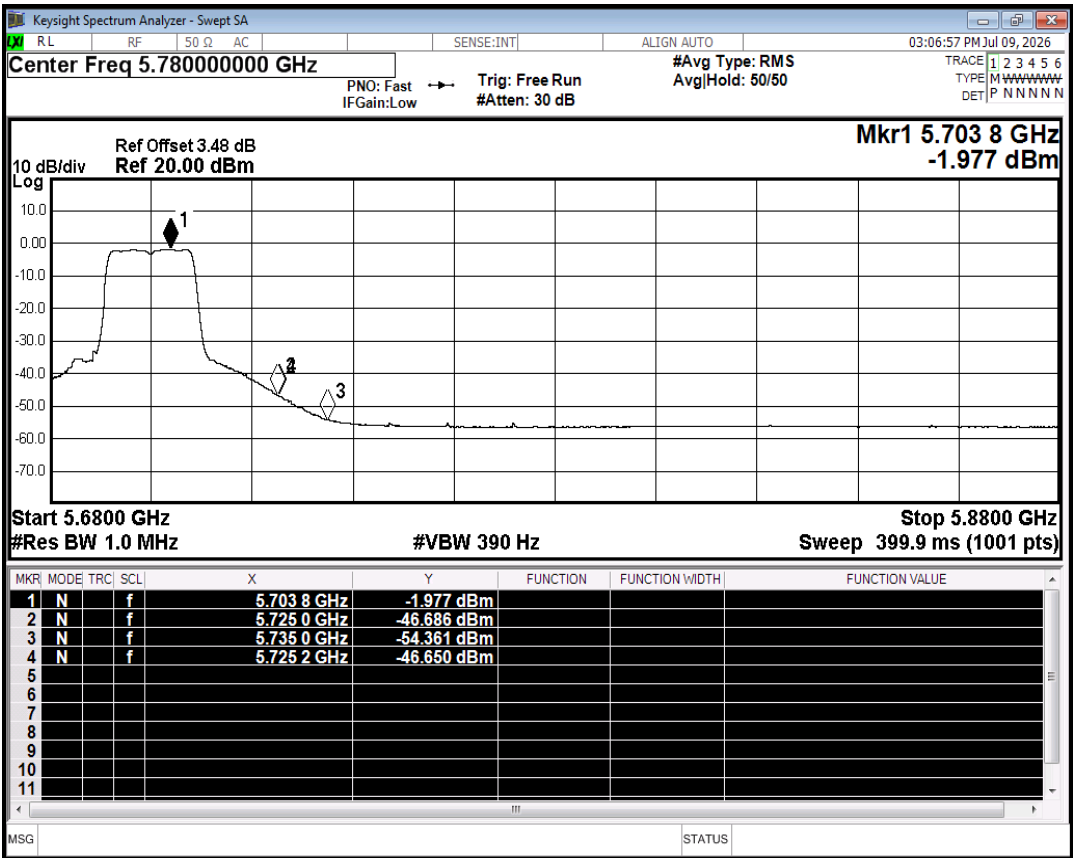
Restrict Band NVNT a 5500MHz Ant1 Peak



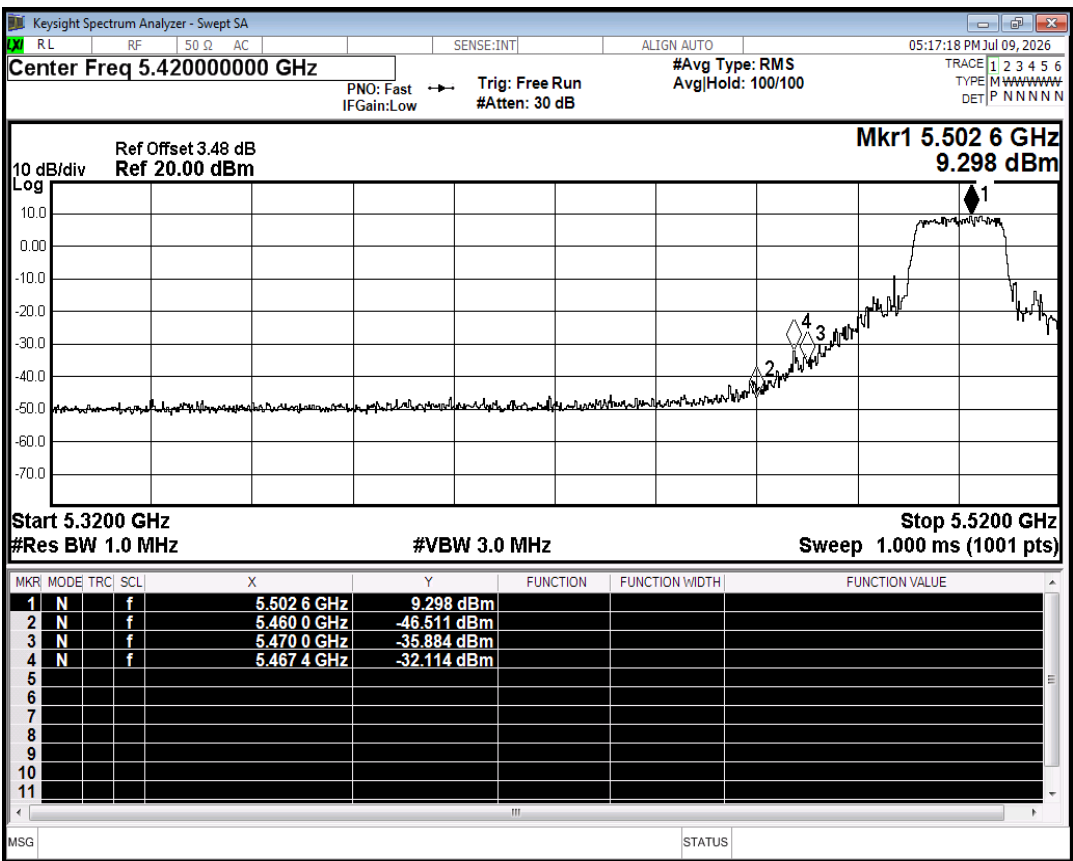
Restrict Band NVNT a 5500MHz Ant1 Average



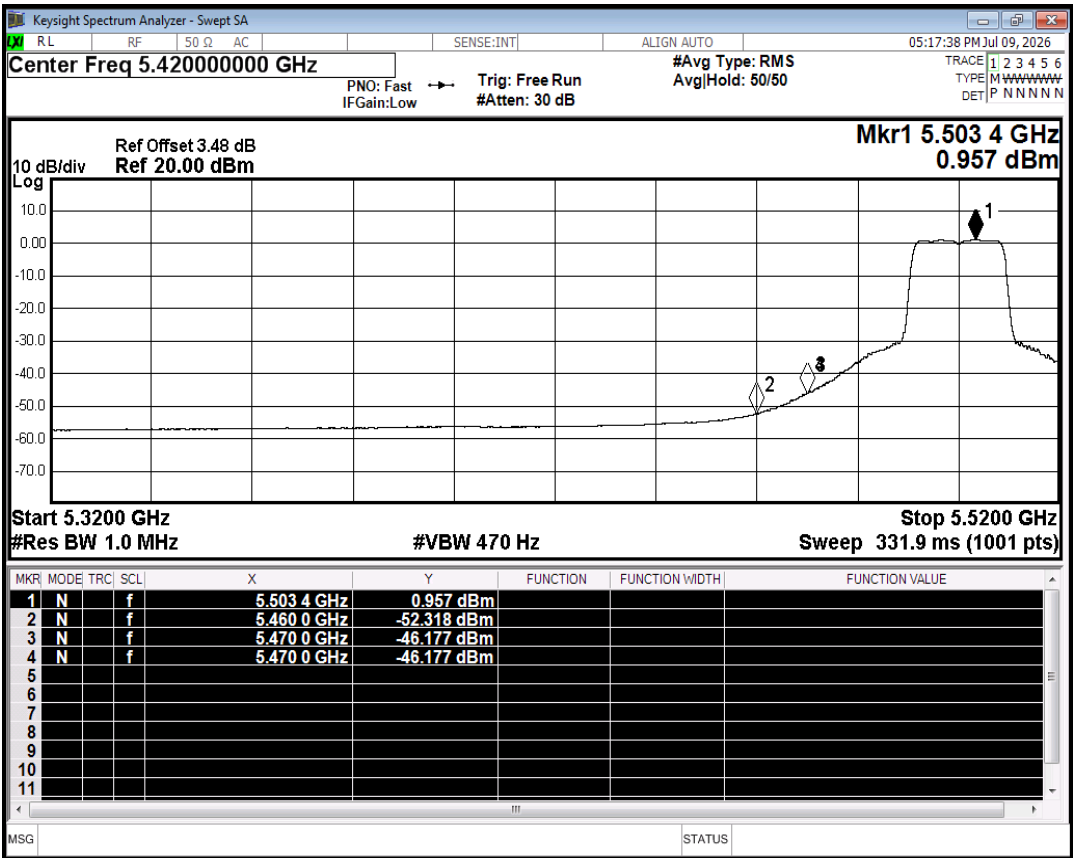
Restrict Band NVNT a 5700MHz Ant1 Peak



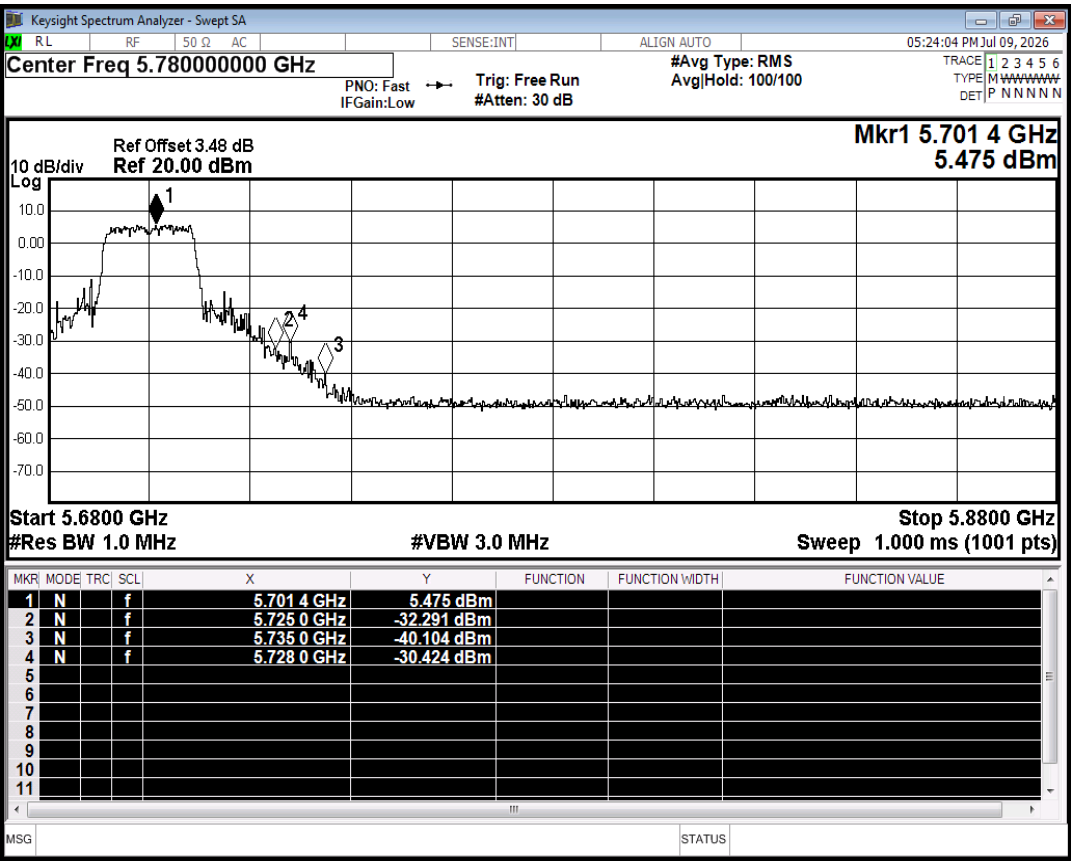
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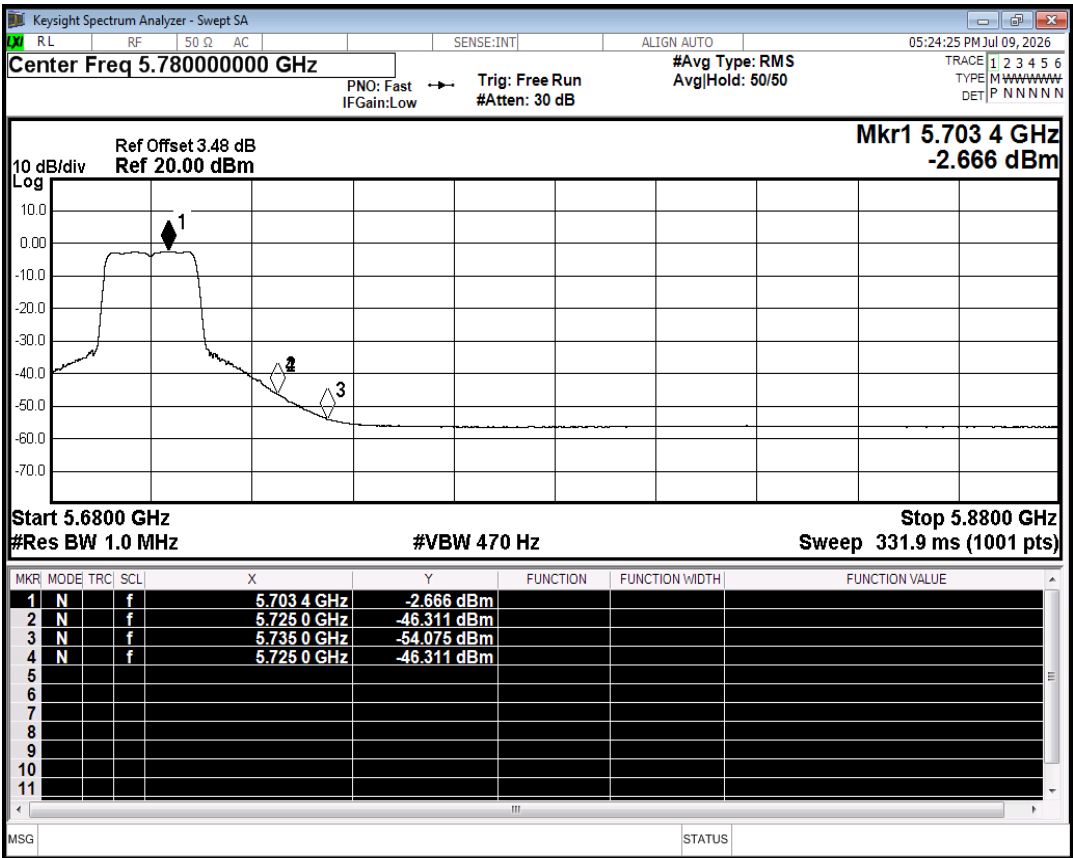
Restrict Band NVNT n20 5500MHz Ant1 Peak



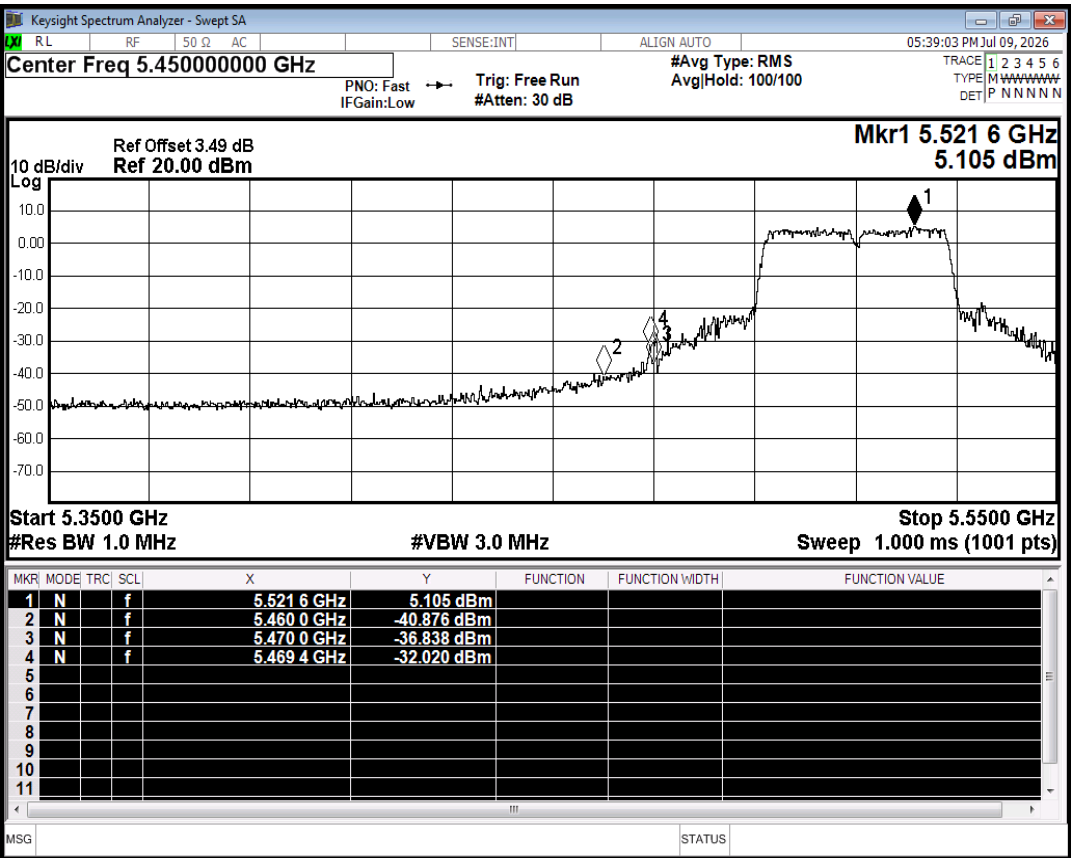
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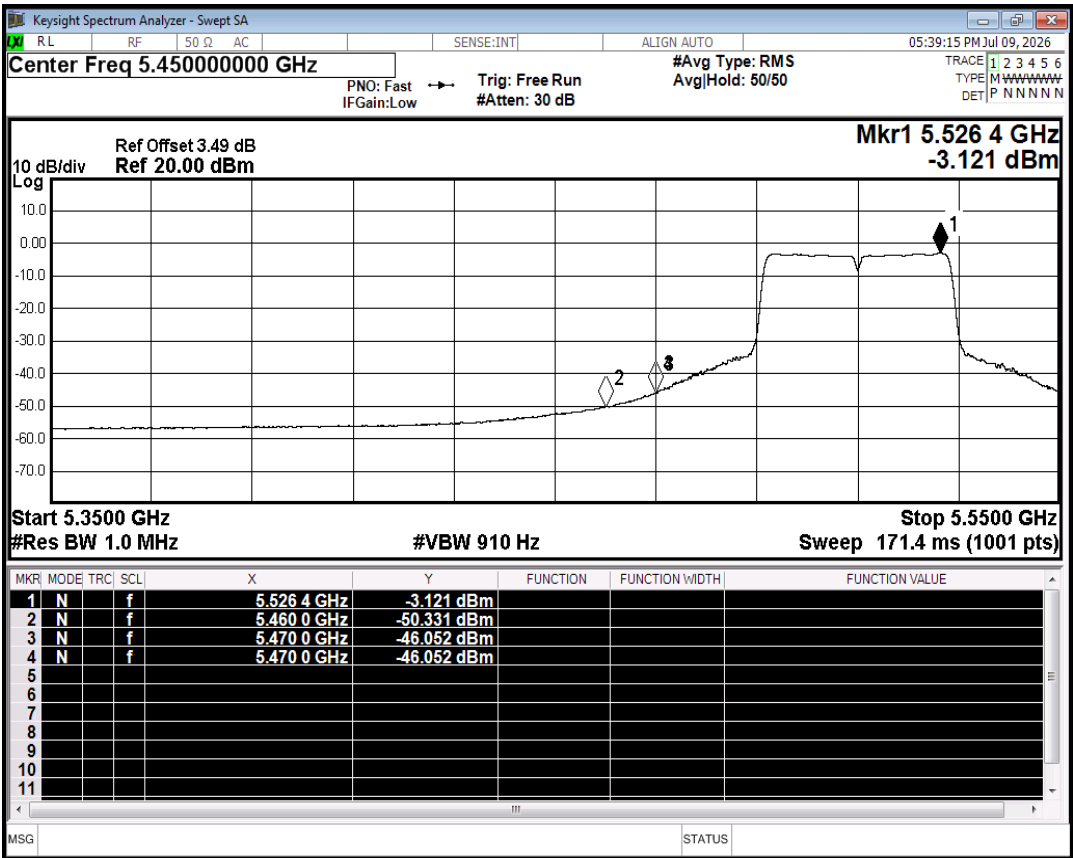
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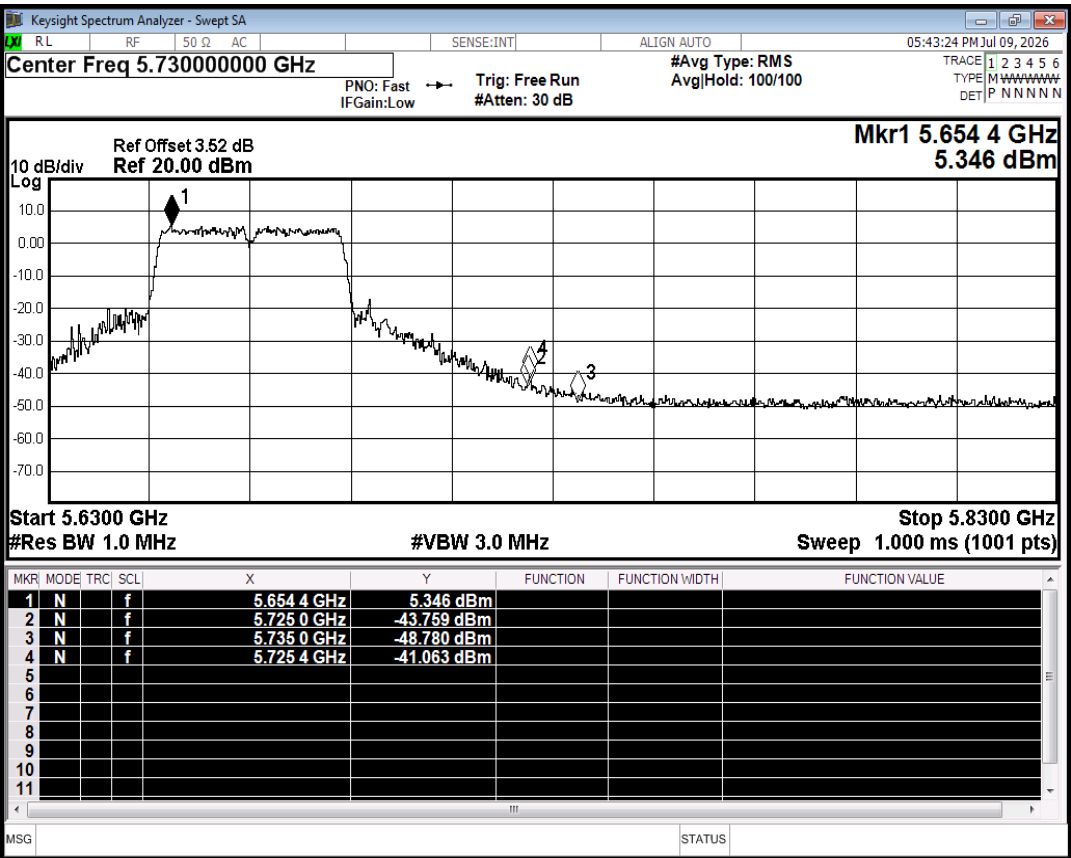
Restrict Band NVNT n20 5700MHz Ant1 Average



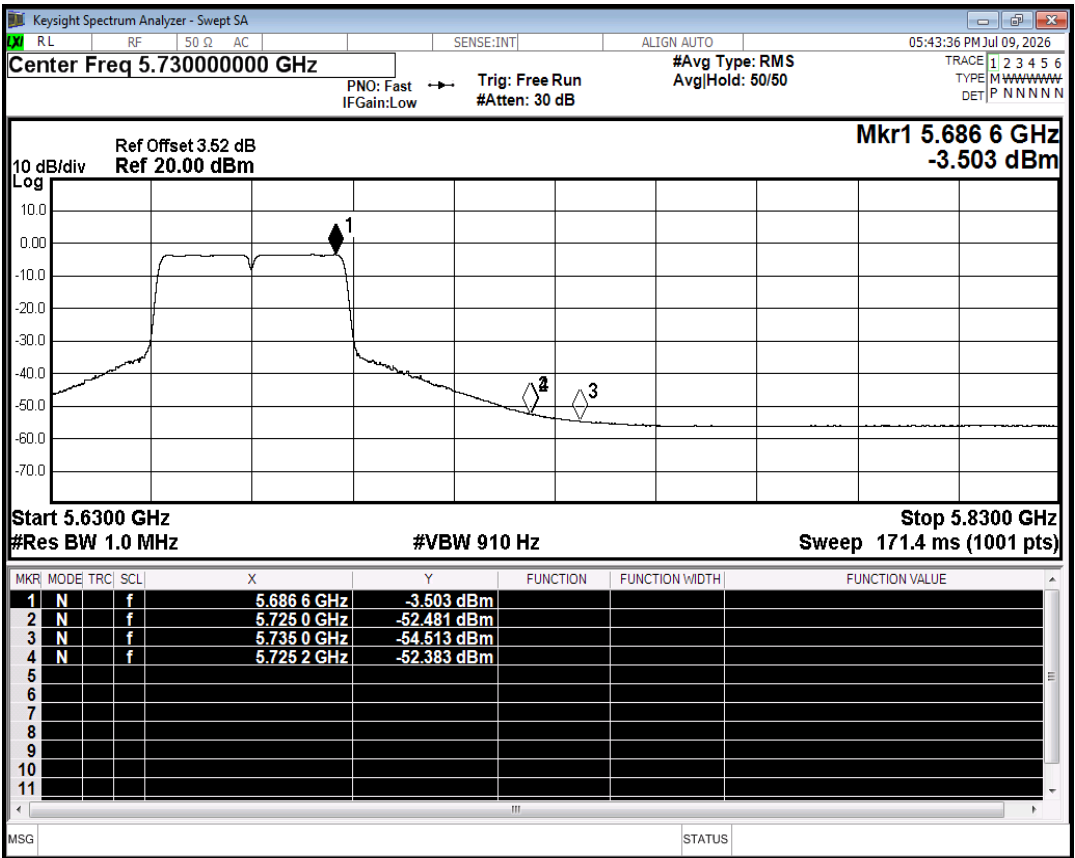
Restrict Band NVNT n40 5510MHz Ant1 Peak



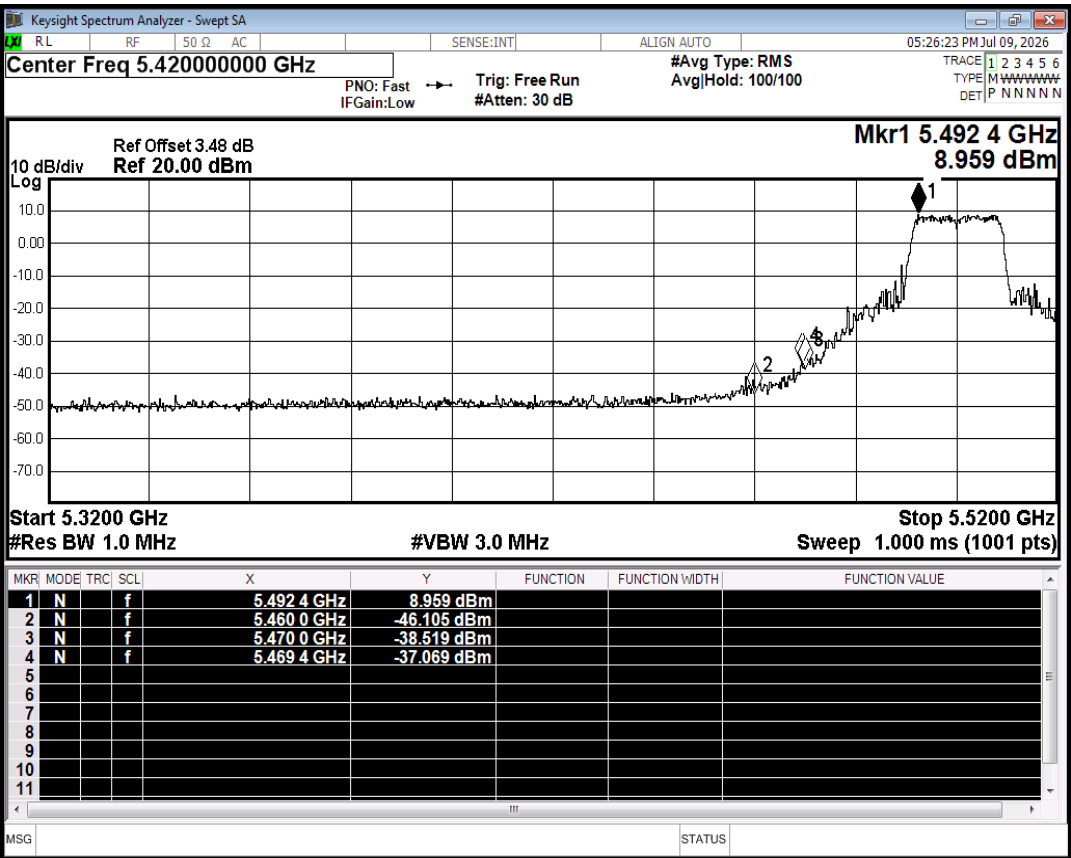
Restrict Band NVNT n40 5510MHz Ant1 Average



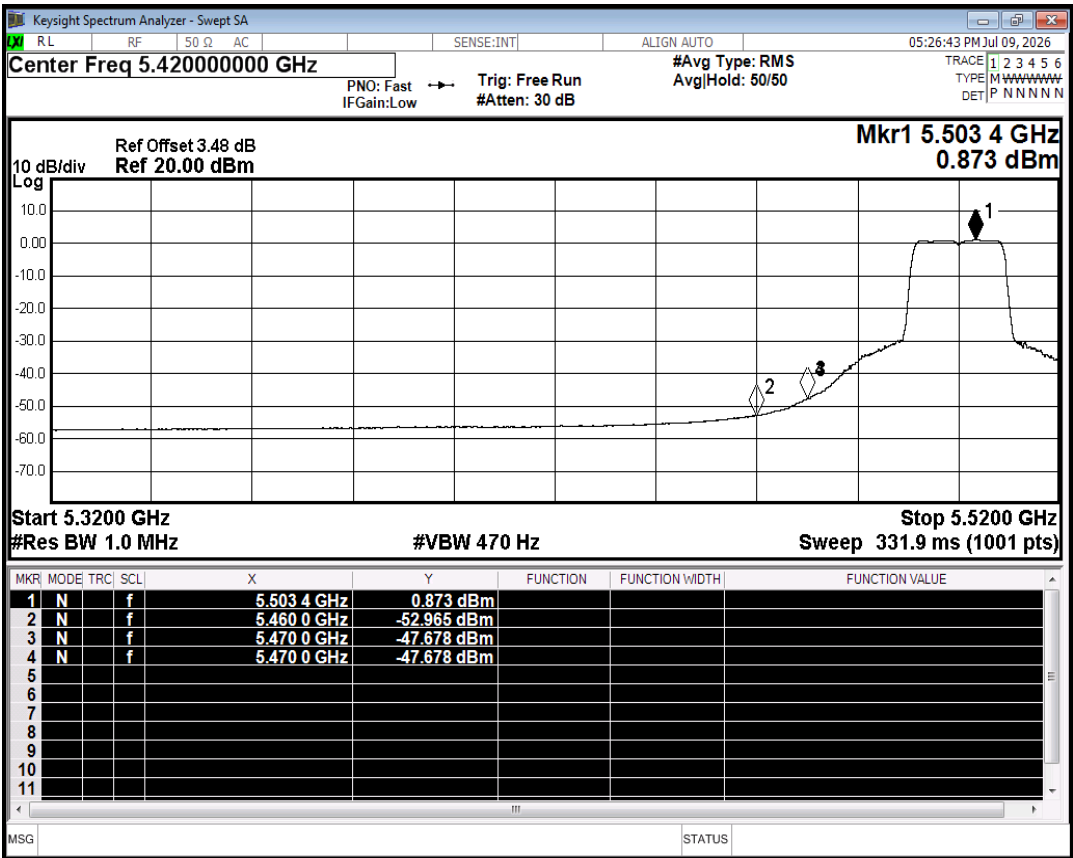
Restrict Band NVNT n40 5670MHz Ant1 Peak



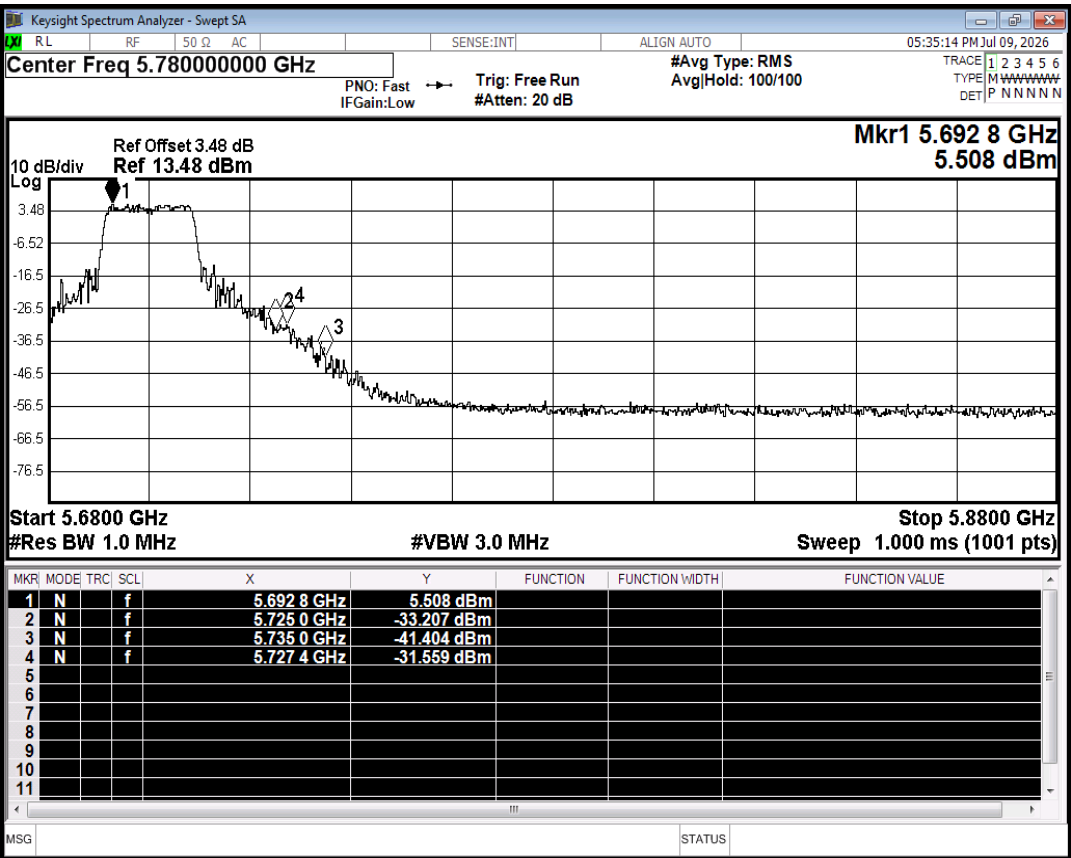
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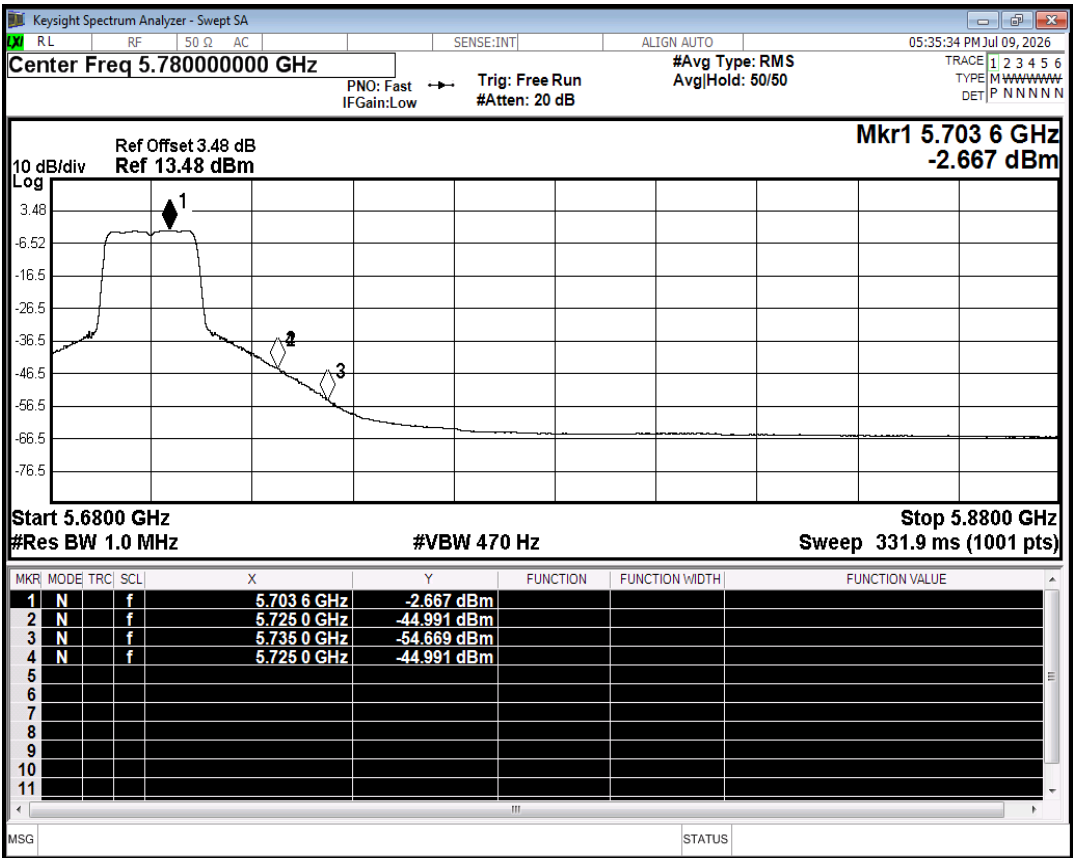
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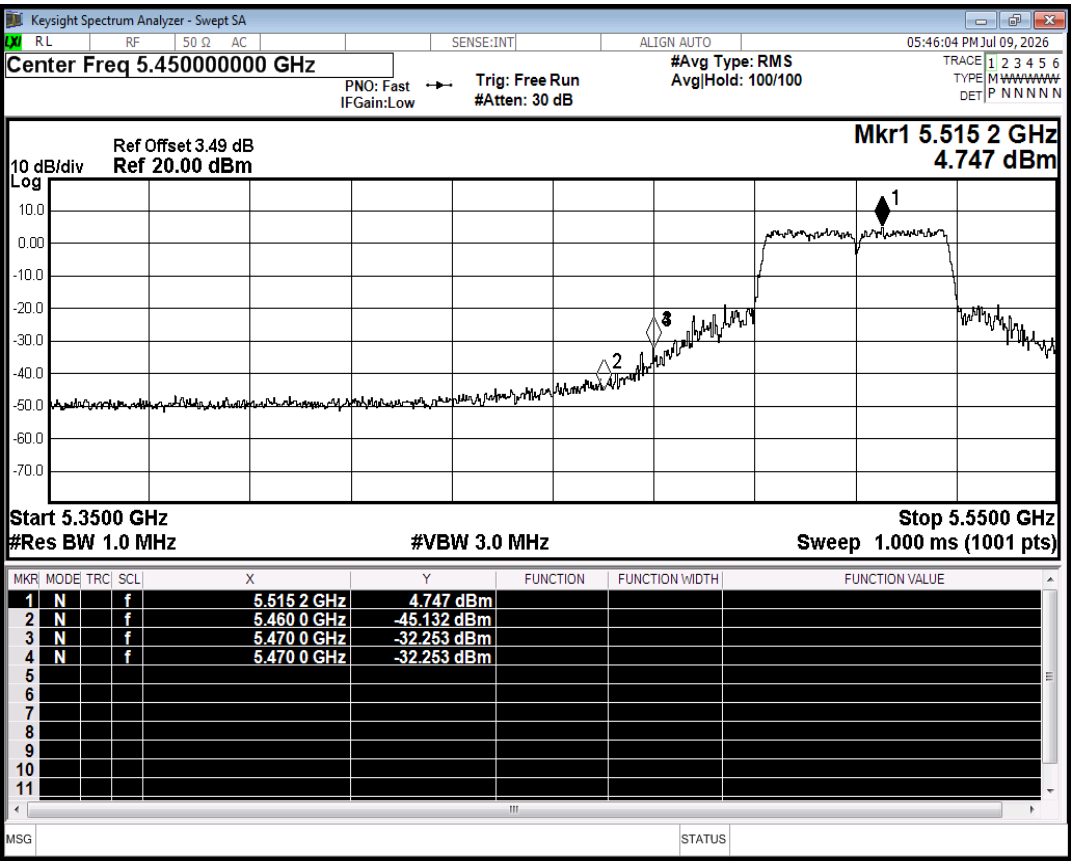
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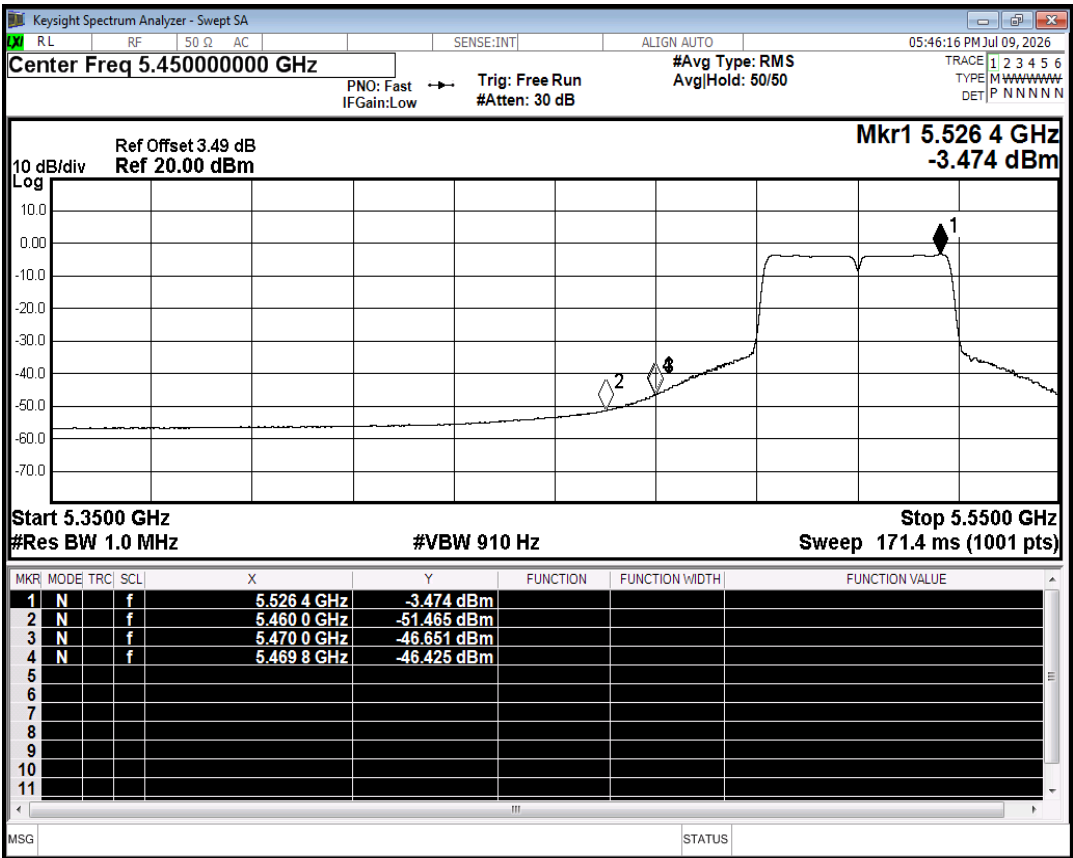
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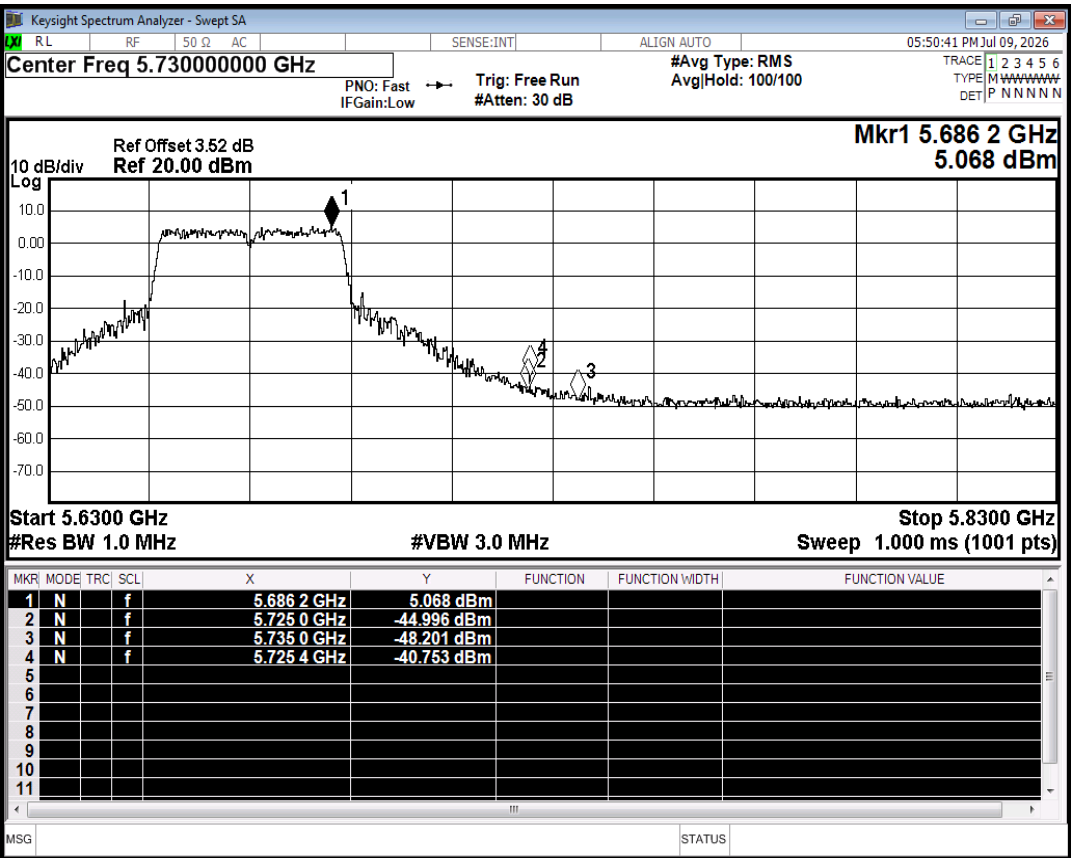
Restrict Band NVNT ac20 5700MHz Ant1 Average



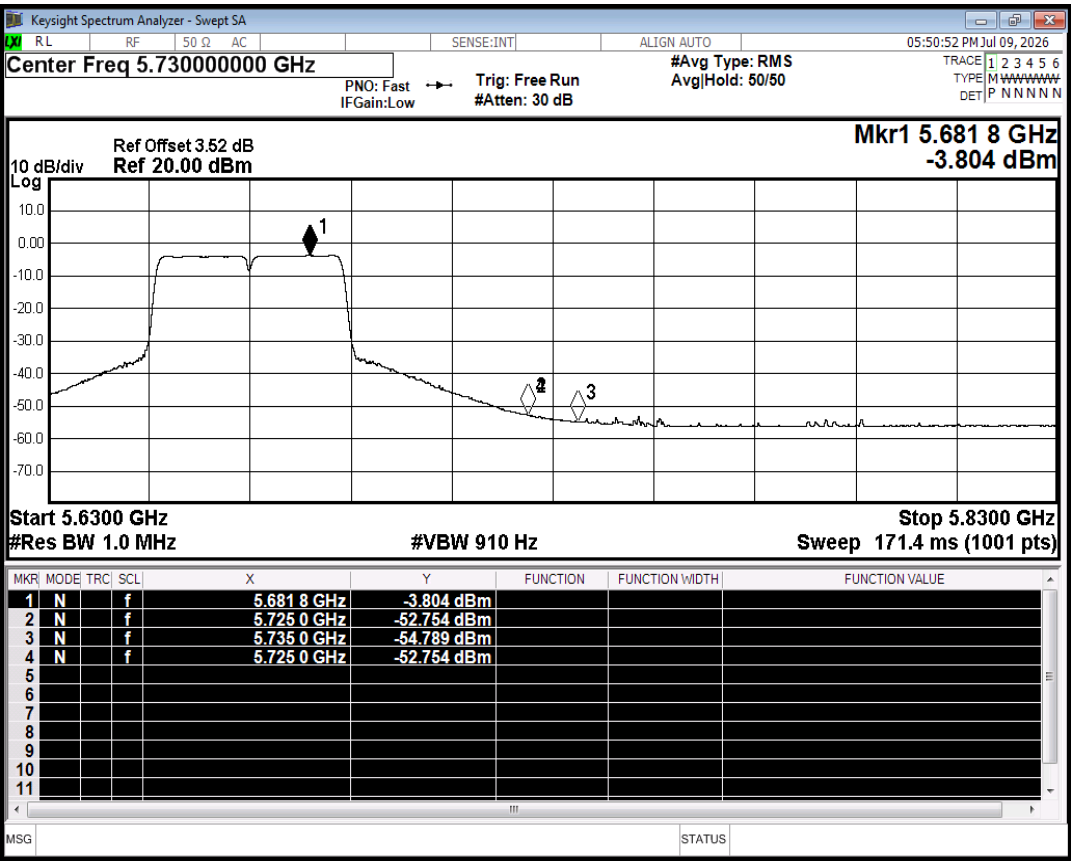
Restrict Band NVNT ac40 5510MHz Ant1 Peak



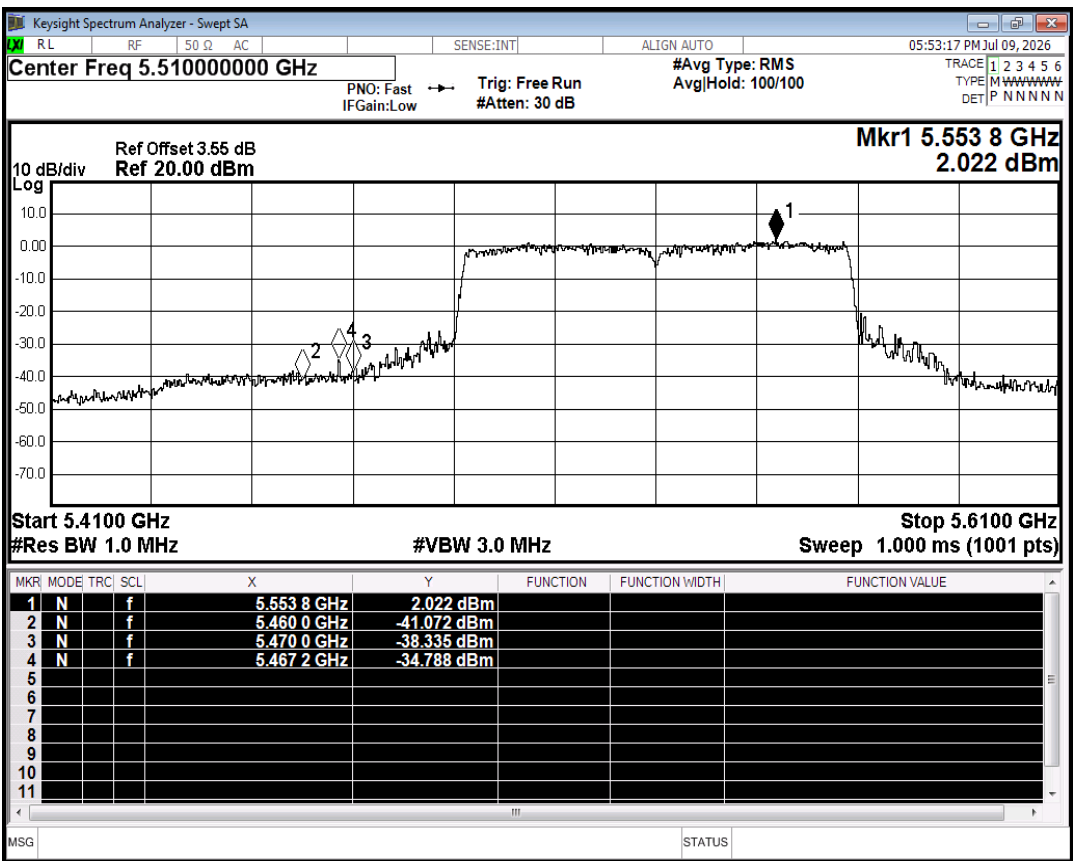
Restrict Band NVNT ac40 5510MHz Ant1 Average



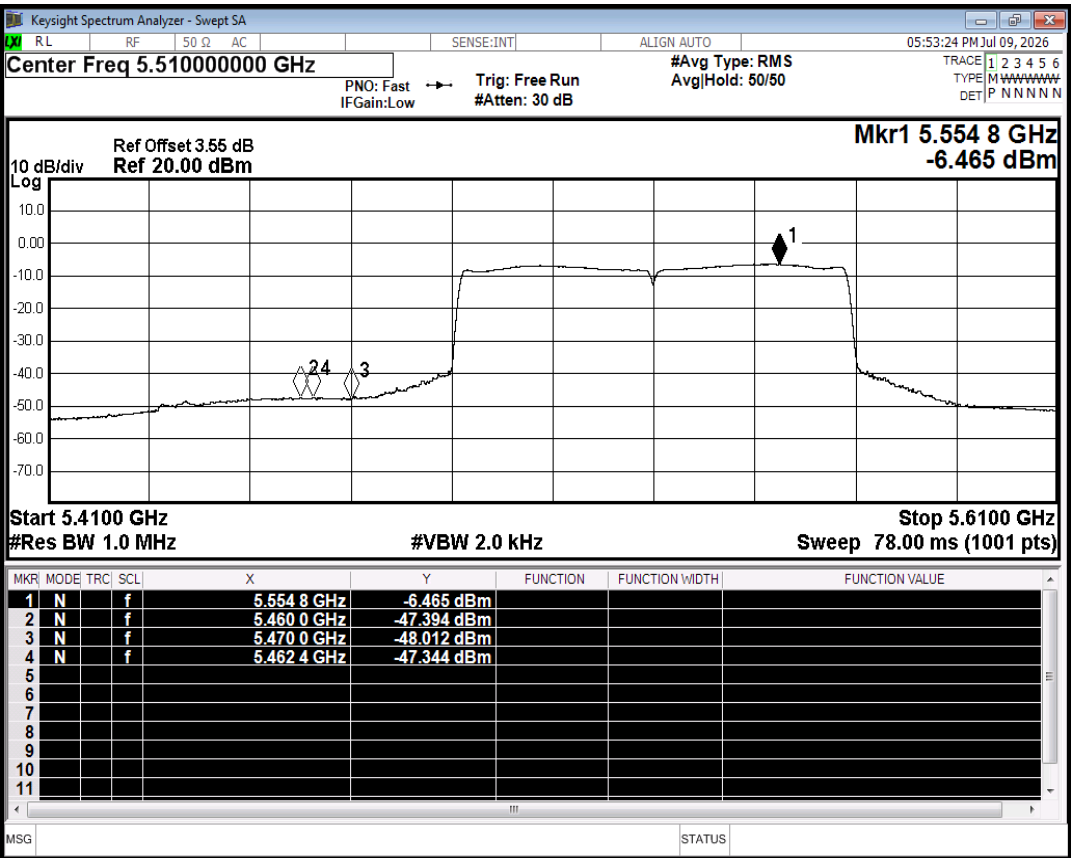
Restrict Band NVNT ac40 5670MHz Ant1 Peak



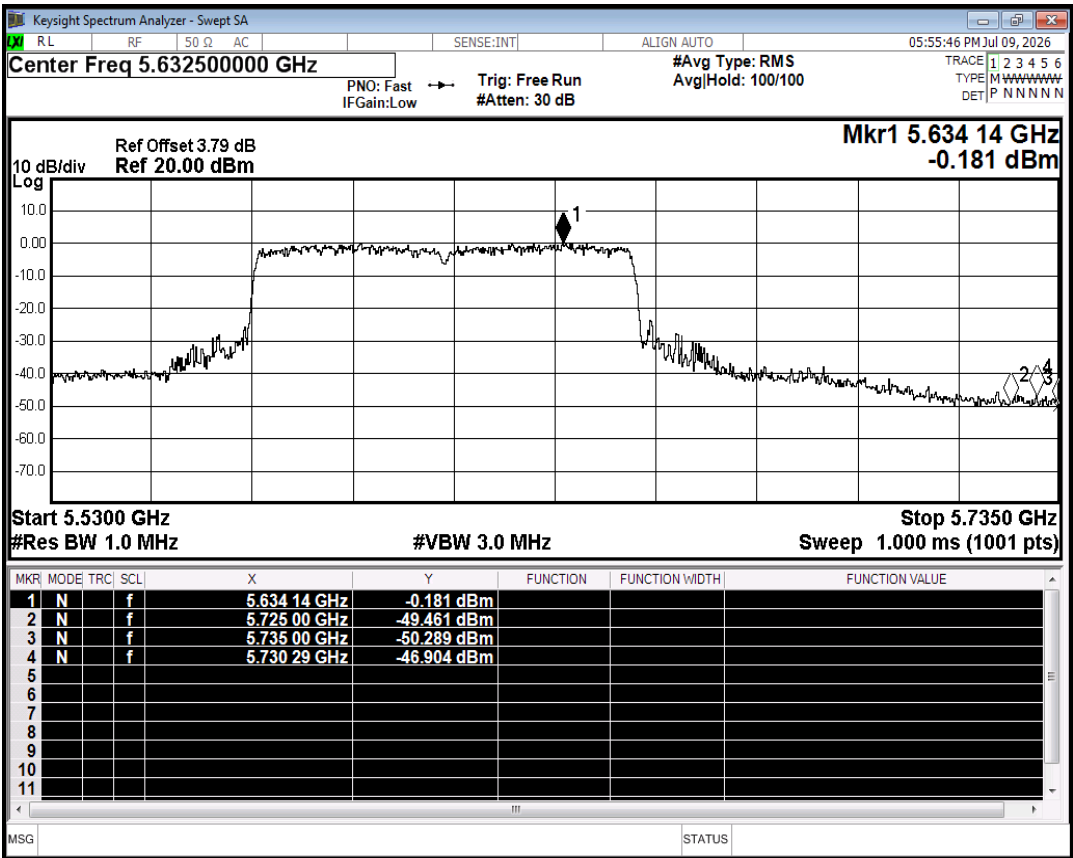
Restrict Band NVNT ac40 5670MHz Ant1 Average



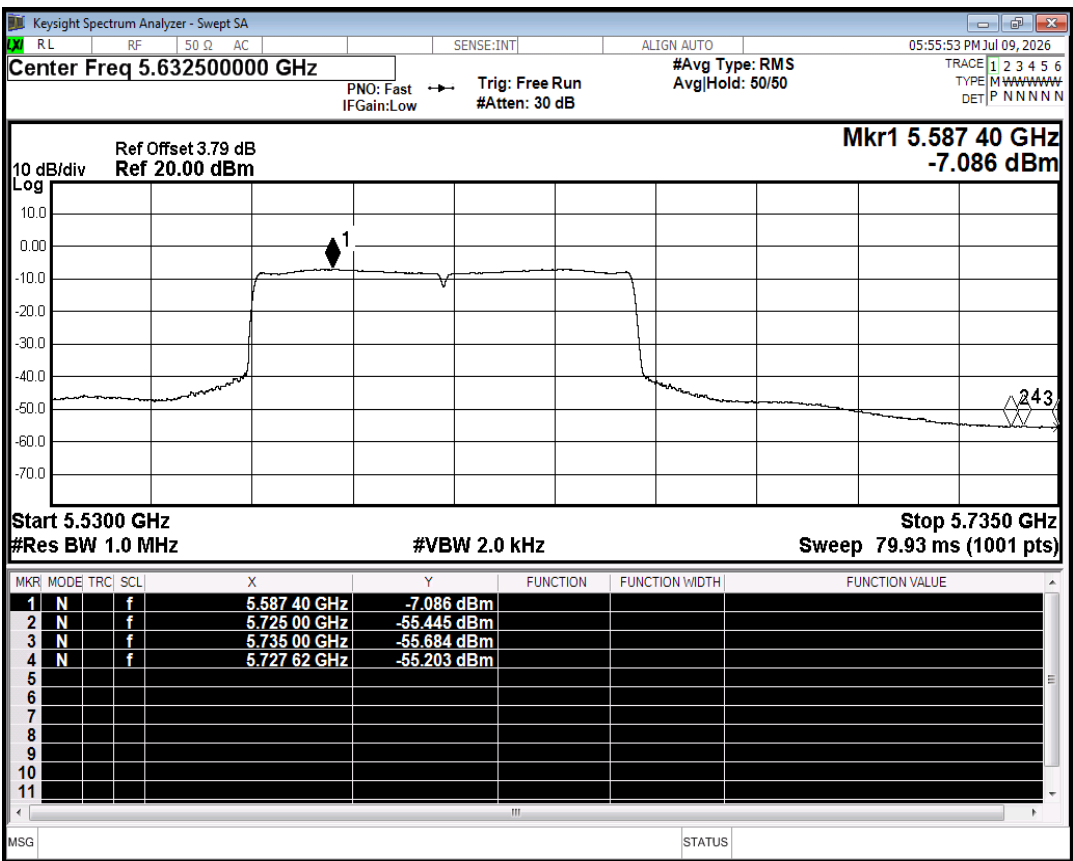
Restrict Band NVNT ac80 5530MHz Ant1 Peak



Restrict Band NVNT ac80 5530MHz Ant1 Average



Restrict Band NVNT ac80 5610MHz Ant1 Peak



Restrict Band NVNT ac80 5610MHz Ant1 Average

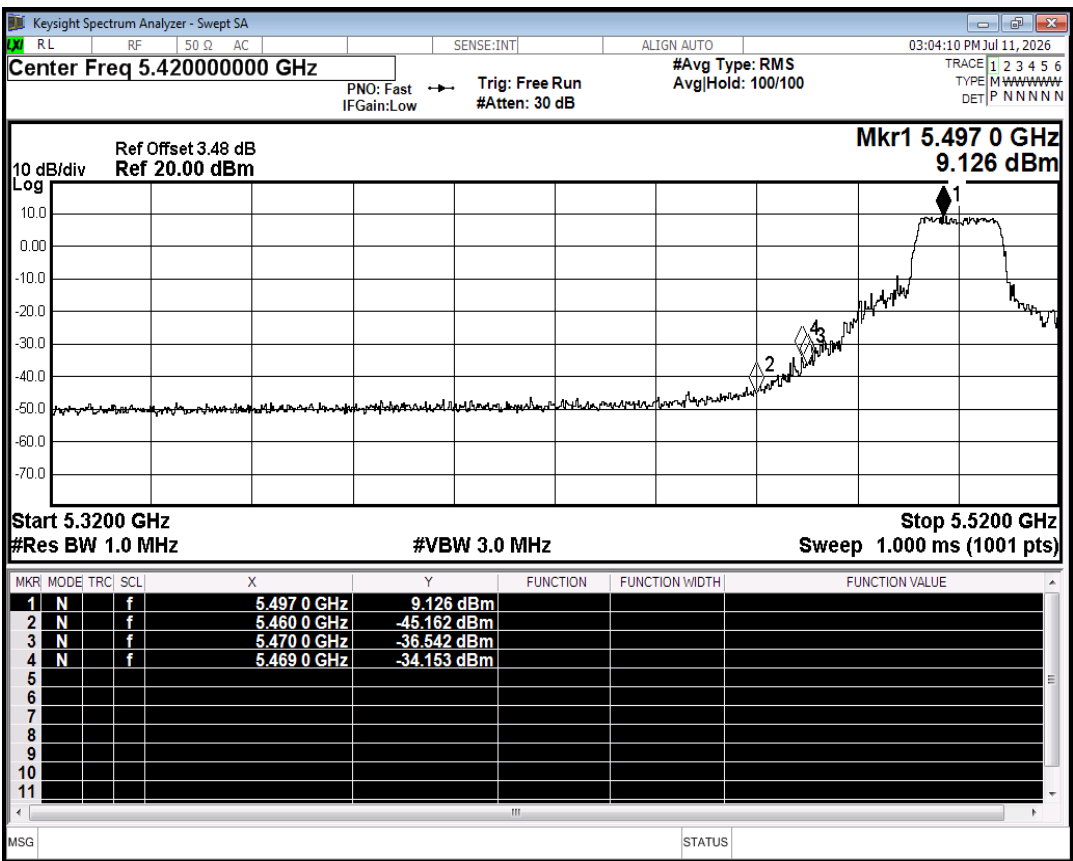
Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5500	Ant2	5460	-45.16	2.73	52.80	Peak	68.2	Pass
NVNT	a	5500	Ant2	5460	-51.64	2.73	46.32	Average	54	Pass
NVNT	a	5500	Ant2	5469	-34.15	2.73	63.81	Peak	68.2	Pass
NVNT	a	5500	Ant2	5470	-45.42	2.73	52.54	Average	54	Pass
NVNT	a	5500	Ant2	5470	-36.54	2.73	61.42	Peak	68.2	Pass
NVNT	a	5500	Ant2	5470	-45.42	2.73	52.54	Average	54	Pass
NVNT	a	5700	Ant2	5725	-36.21	2.73	61.75	Peak	68.2	Pass
NVNT	a	5700	Ant2	5725	-53.7	2.73	44.26	Average	54	Pass
NVNT	a	5700	Ant2	5726.6	-31.63	2.73	66.33	Peak	68.2	Pass
NVNT	a	5700	Ant2	5725	-53.7	2.73	44.26	Average	54	Pass
NVNT	a	5700	Ant2	5735	-46.82	2.73	51.14	Peak	68.2	Pass
NVNT	a	5700	Ant2	5735	-57.39	2.73	40.57	Average	54	Pass
NVNT	n20	5500	Ant2	5460	-45.12	2.73	52.84	Peak	68.2	Pass
NVNT	n20	5500	Ant2	5460	-52.48	2.73	45.48	Average	54	Pass
NVNT	n20	5500	Ant2	5469.6	-29.99	2.73	67.97	Peak	68.2	Pass
NVNT	n20	5500	Ant2	5470	-45.69	2.73	52.27	Average	54	Pass
NVNT	n20	5500	Ant2	5470	-38.44	2.73	59.52	Peak	68.2	Pass
NVNT	n20	5500	Ant2	5470	-45.69	2.73	52.27	Average	54	Pass
NVNT	n20	5700	Ant2	5725	-32.26	2.73	65.70	Peak	68.2	Pass
NVNT	n20	5700	Ant2	5725	-53.36	2.73	44.60	Average	54	Pass
NVNT	n20	5700	Ant2	5726	-39.22	2.73	58.74	Peak	68.2	Pass
NVNT	n20	5700	Ant2	5725	-53.46	2.73	44.50	Average	54	Pass
NVNT	n20	5700	Ant2	5735	-44.13	2.73	53.83	Peak	68.2	Pass
NVNT	n20	5700	Ant2	5735	-52.45	2.73	45.51	Average	54	Pass
NVNT	n40	5510	Ant2	5460	-43.28	2.73	54.68	Peak	68.2	Pass
NVNT	n40	5510	Ant2	5460	-50.09	2.73	47.87	Average	54	Pass
NVNT	n40	5510	Ant2	5465	-35.15	2.73	62.81	Peak	68.2	Pass
NVNT	n40	5510	Ant2	5470	-45.94	2.73	52.02	Average	54	Pass
NVNT	n40	5510	Ant2	5470	-36.89	2.73	61.07	Peak	68.2	Pass
NVNT	n40	5510	Ant2	5470	-45.94	2.73	52.02	Average	54	Pass
NVNT	n40	5670	Ant2	5725	-42.75	2.73	55.21	Peak	68.2	Pass
NVNT	n40	5670	Ant2	5725	-52.05	2.73	45.91	Average	54	Pass
NVNT	n40	5670	Ant2	5727.2	-42.72	2.73	55.24	Peak	68.2	Pass
NVNT	n40	5670	Ant2	5725	-52.05	2.73	45.91	Average	54	Pass
NVNT	n40	5670	Ant2	5735	-46.7	2.73	51.26	Peak	68.2	Pass
NVNT	n40	5670	Ant2	5735	-54.29	2.73	43.67	Average	54	Pass
NVNT	ac20	5500	Ant2	5460	-42.9	2.73	55.06	Peak	68.2	Pass
NVNT	ac20	5500	Ant2	5460	-52.03	2.73	45.93	Average	54	Pass
NVNT	ac20	5500	Ant2	5470	-34.31	2.73	63.65	Peak	68.2	Pass

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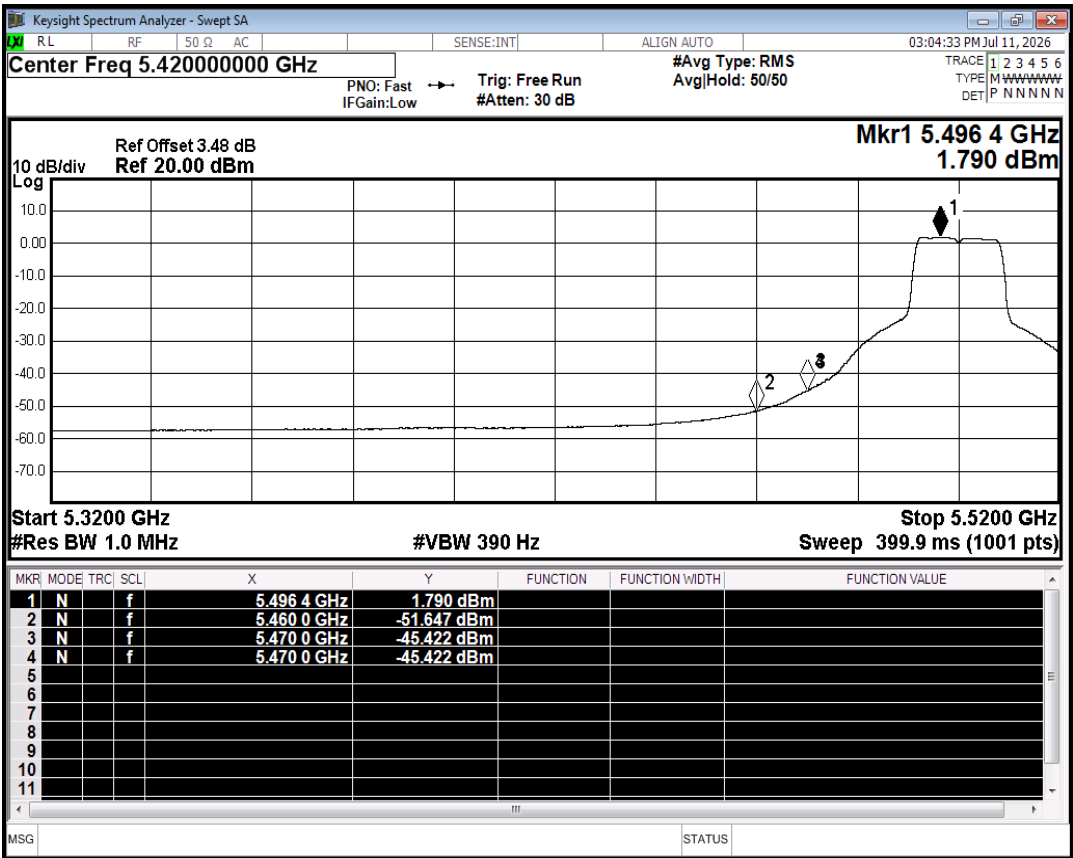
Add: No.44-1, Qianfeng North Road, Shiqi, Panyu District, Guangzhou, Guangdong, China

Tel: +(86) 020-39166689 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

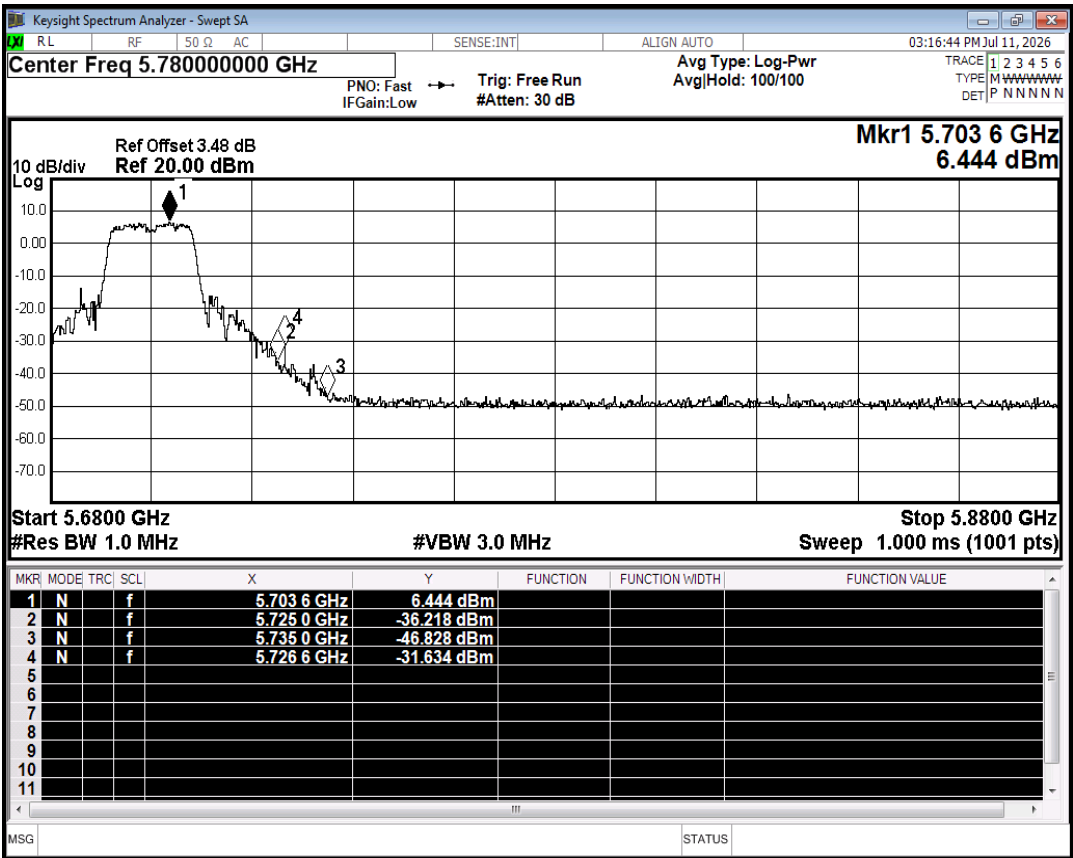
NVNT	ac20	5500	Ant2	5470	-46.16	2.73	51.80	Average	54	Pass
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NVNT	ac20	5500	Ant2	5470	-46.16	2.73	51.80	Average	54	Pass
NVNT	ac20	5700	Ant2	5725	-35.17	2.73	62.79	Peak	68.2	Pass
NVNT	ac20	5700	Ant2	5725	-45.68	2.73	52.28	Average	54	Pass
NVNT	ac20	5700	Ant2	5725.6	-30.8	2.73	67.16	Peak	68.2	Pass
NVNT	ac20	5700	Ant2	5725	-45.68	2.73	52.28	Average	54	Pass
NVNT	ac20	5700	Ant2	5735	-43.47	2.73	54.49	Peak	68.2	Pass
NVNT	ac20	5700	Ant2	5735	-53.66	2.73	44.30	Average	54	Pass
NVNT	ac40	5510	Ant2	5460	-42.91	2.73	55.05	Peak	68.2	Pass
NVNT	ac40	5510	Ant2	5460	-50.99	2.73	46.97	Average	54	Pass
NVNT	ac40	5510	Ant2	5468.6	-33.23	2.73	64.73	Peak	68.2	Pass
NVNT	ac40	5510	Ant2	5469.2	-46.43	2.73	51.53	Average	54	Pass
NVNT	ac40	5510	Ant2	5470	-36.27	2.73	61.69	Peak	68.2	Pass
NVNT	ac40	5510	Ant2	5470	-46.53	2.73	51.43	Average	54	Pass
NVNT	ac40	5670	Ant2	5725	-42.03	2.73	55.93	Peak	68.2	Pass
NVNT	ac40	5670	Ant2	5725	-52.31	2.73	45.65	Average	54	Pass
NVNT	ac40	5670	Ant2	5725.2	-40.21	2.73	57.75	Peak	68.2	Pass
NVNT	ac40	5670	Ant2	5725	-52.31	2.73	45.65	Average	54	Pass
NVNT	ac40	5670	Ant2	5735	-47.09	2.73	50.87	Peak	68.2	Pass
NVNT	ac40	5670	Ant2	5735	-54.73	2.73	43.23	Average	54	Pass
NVNT	ac80	5530	Ant2	5460	-40.68	2.73	57.28	Peak	68.2	Pass
NVNT	ac80	5530	Ant2	5460	-48.15	2.73	49.81	Average	54	Pass
NVNT	ac80	5530	Ant2	5466.6	-39.63	2.73	58.33	Peak	68.2	Pass
NVNT	ac80	5530	Ant2	5463.4	-47.9	2.73	50.06	Average	54	Pass
NVNT	ac80	5530	Ant2	5470	-41.37	2.73	56.59	Peak	68.2	Pass
NVNT	ac80	5530	Ant2	5470	-48.52	2.73	49.44	Average	54	Pass
NVNT	ac80	5610	Ant2	5725	-47.87	2.73	50.09	Peak	68.2	Pass
NVNT	ac80	5610	Ant2	5725	-55.53	2.73	42.43	Average	54	Pass
NVNT	ac80	5610	Ant2	5726.595	-46.92	2.73	51.04	Peak	68.2	Pass
NVNT	ac80	5610	Ant2	5729.67	-55.11	2.73	42.85	Average	54	Pass
NVNT	ac80	5610	Ant2	5735	-50.23	2.73	47.73	Peak	68.2	Pass
NVNT	ac80	5610	Ant2	5735	-55.56	2.73	42.40	Average	54	Pass



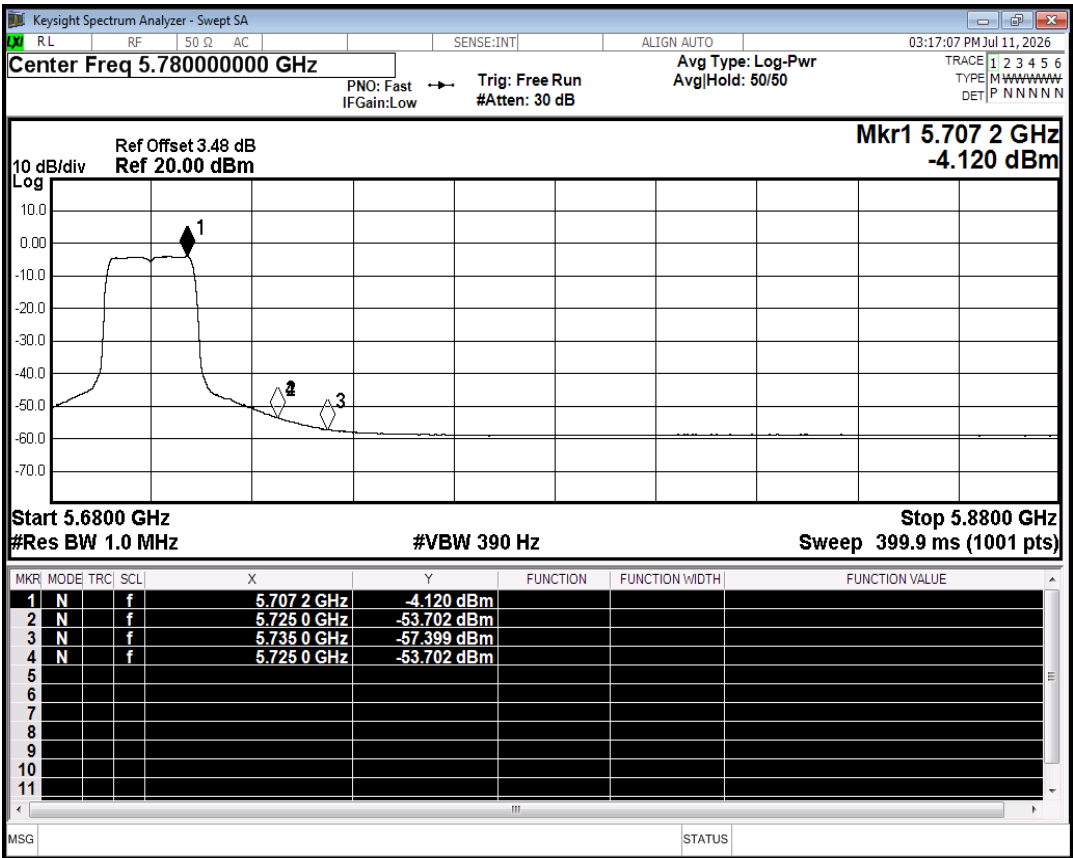
Restrict Band NVNT a 5500MHz Ant2 Peak



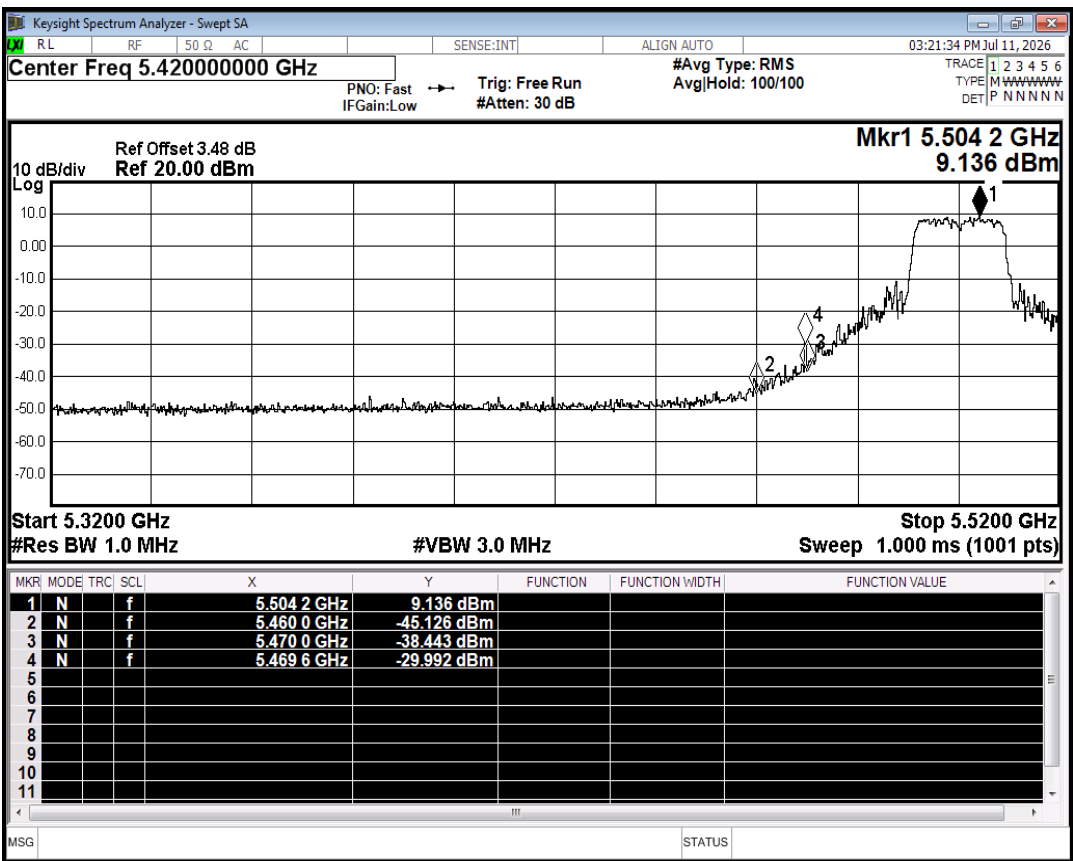
Restrict Band NVNT a 5500MHz Ant2 Average



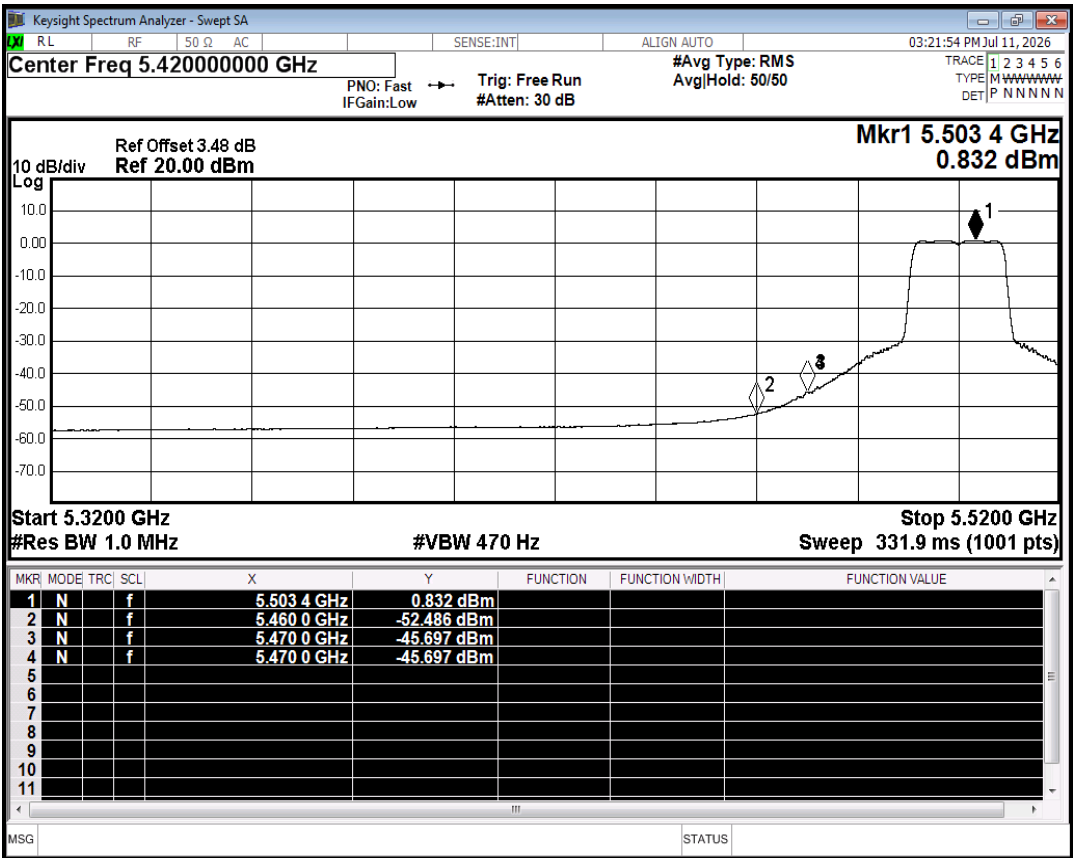
Restrict Band NVNT a 5700MHz Ant2 Peak



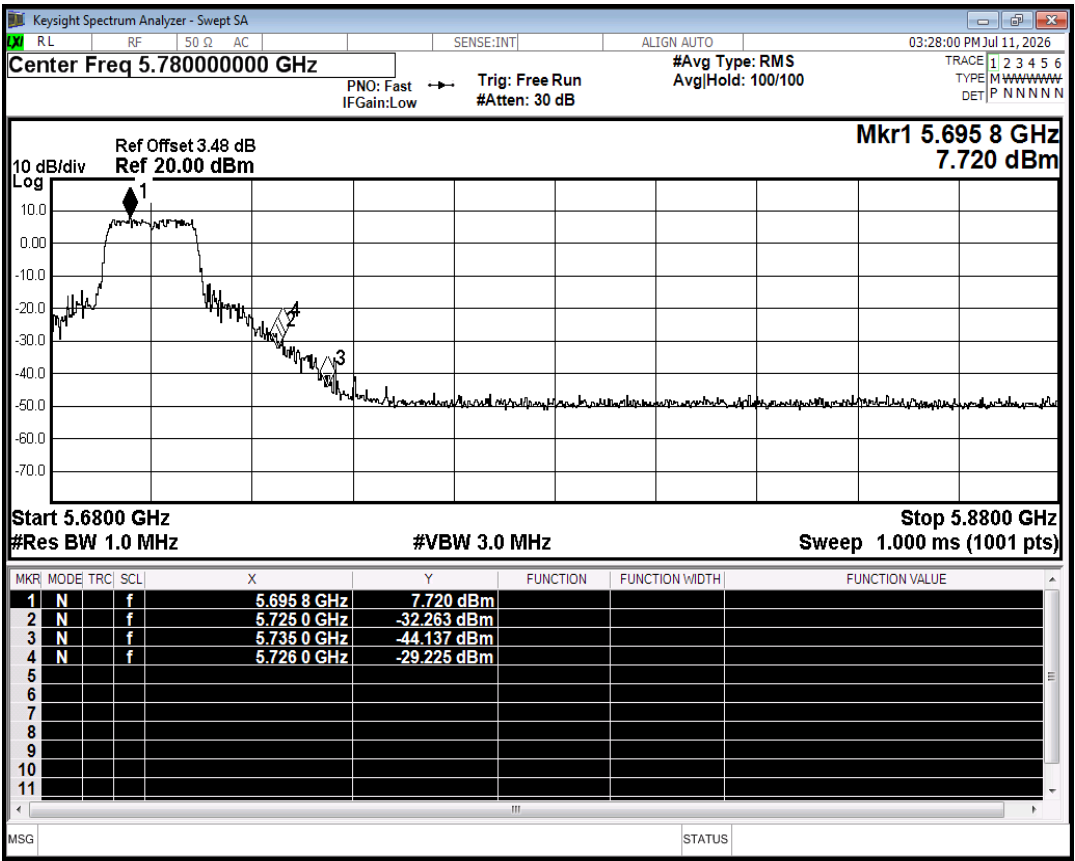
Restrict Band NVNT a 5700MHz Ant2 Average



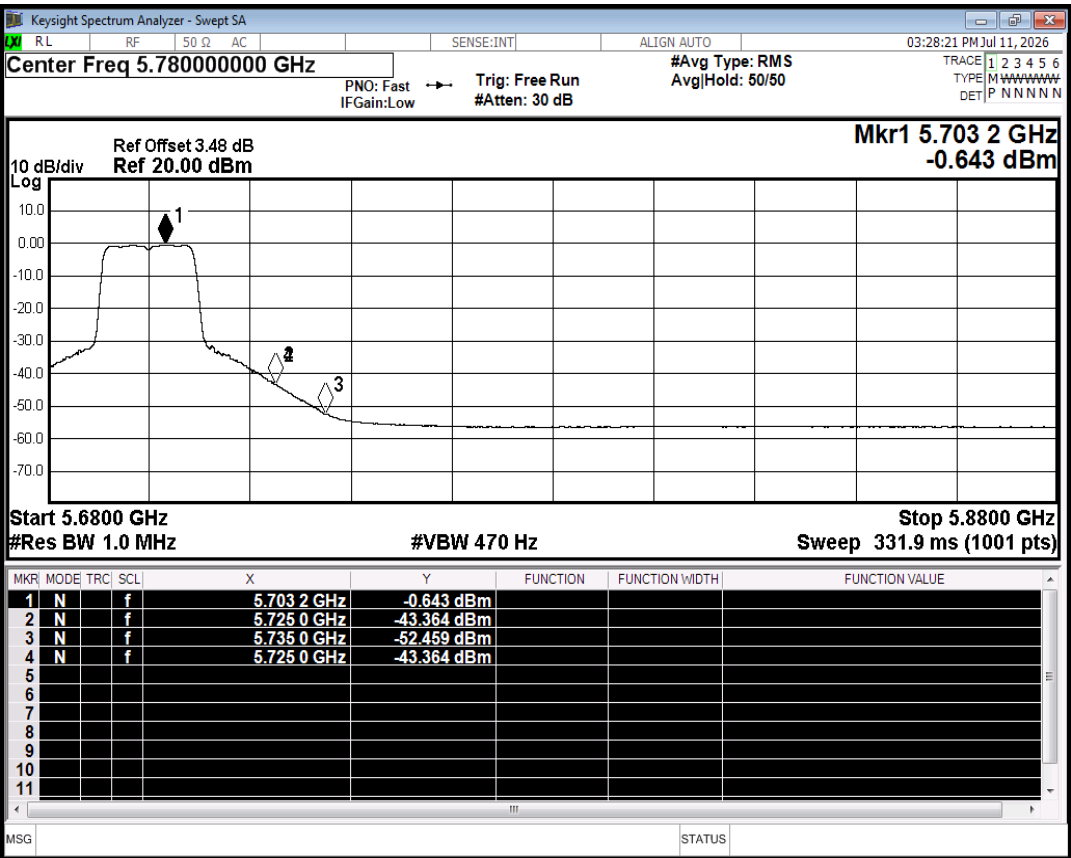
Restrict Band NVNT n20 5500MHz Ant2 Peak



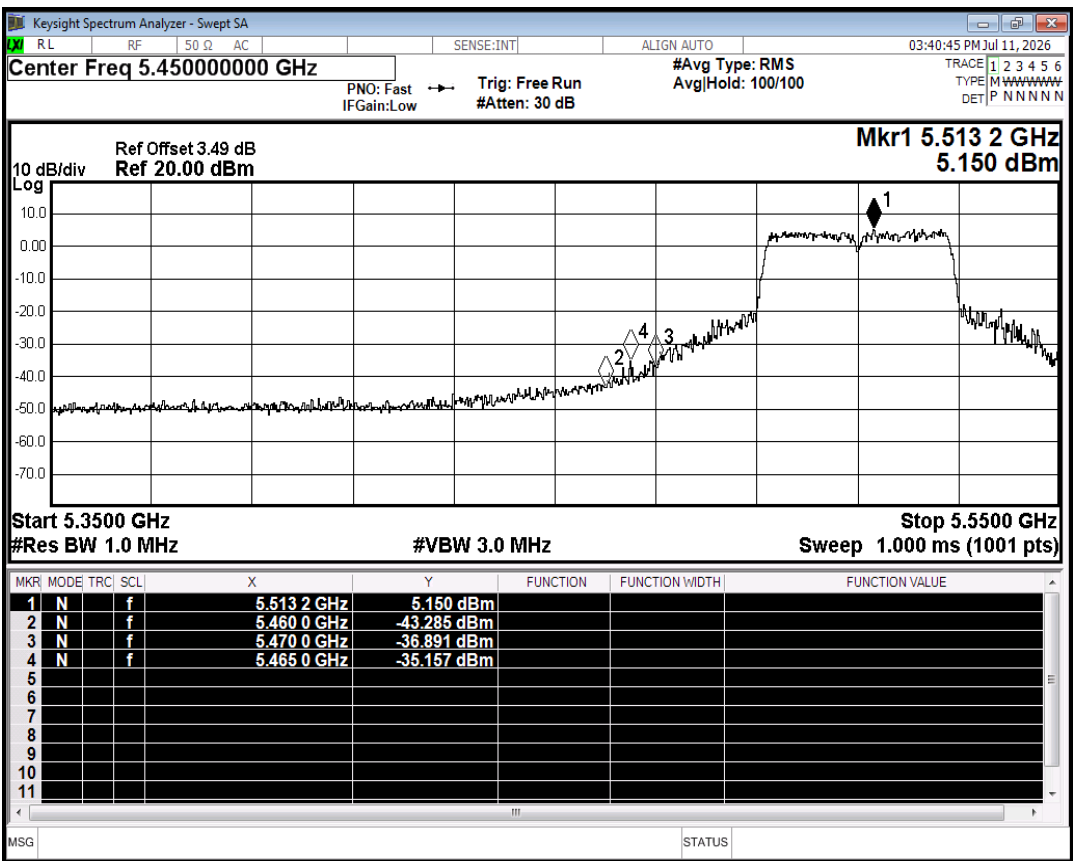
Restrict Band NVNT n20 5500MHz Ant2 Average



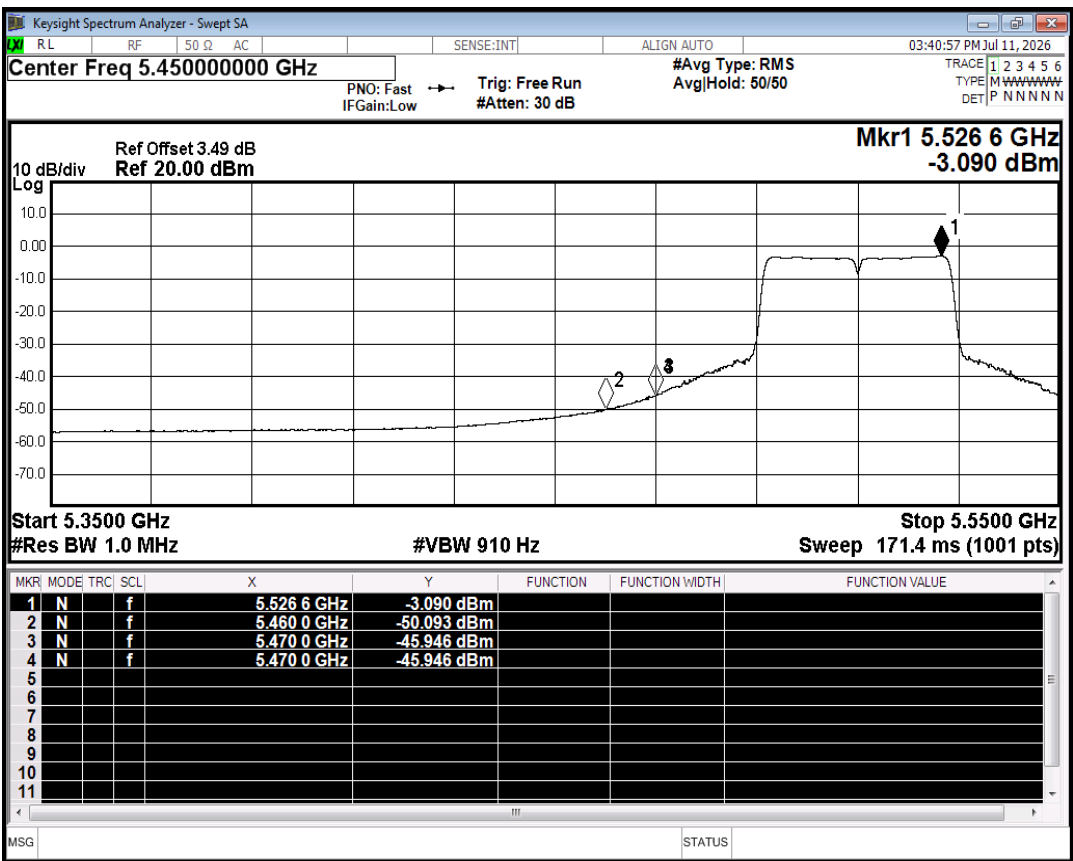
Restrict Band NVNT n20 5700MHz Ant2 Peak



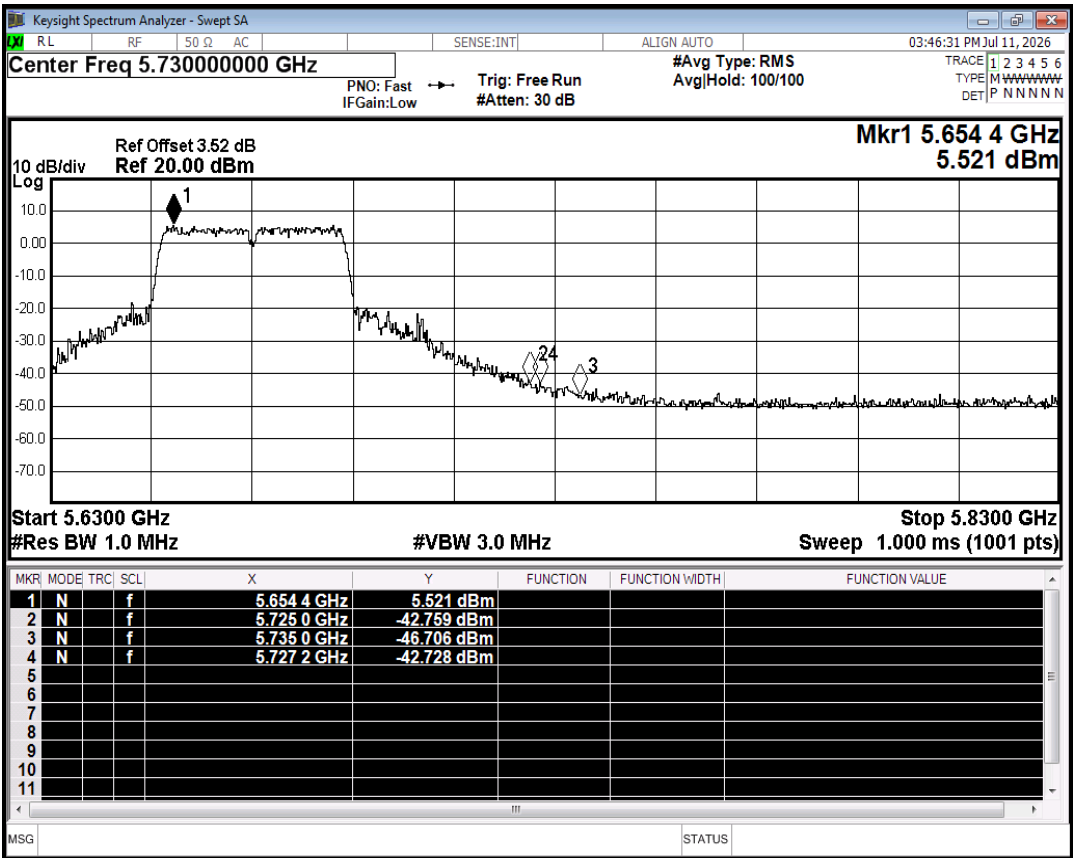
Restrict Band NVNT n20 5700MHz Ant2 Average



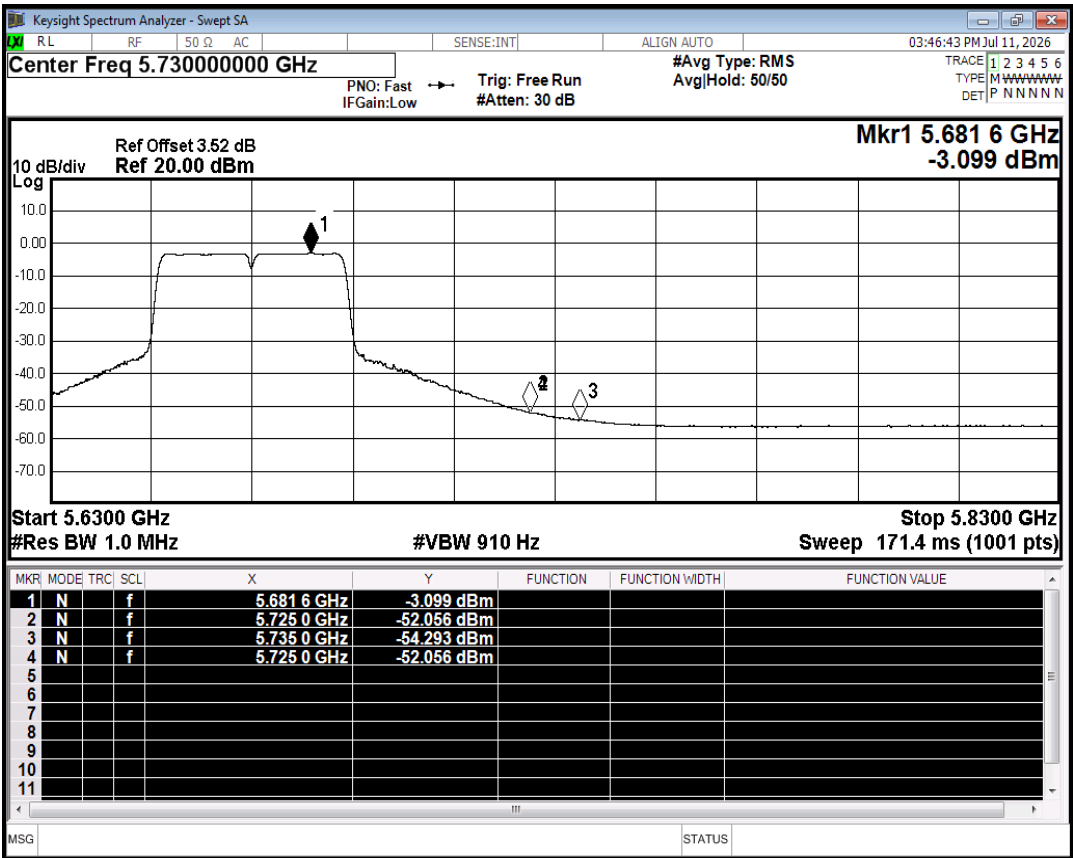
Restrict Band NVNT n40 5510MHz Ant2 Peak



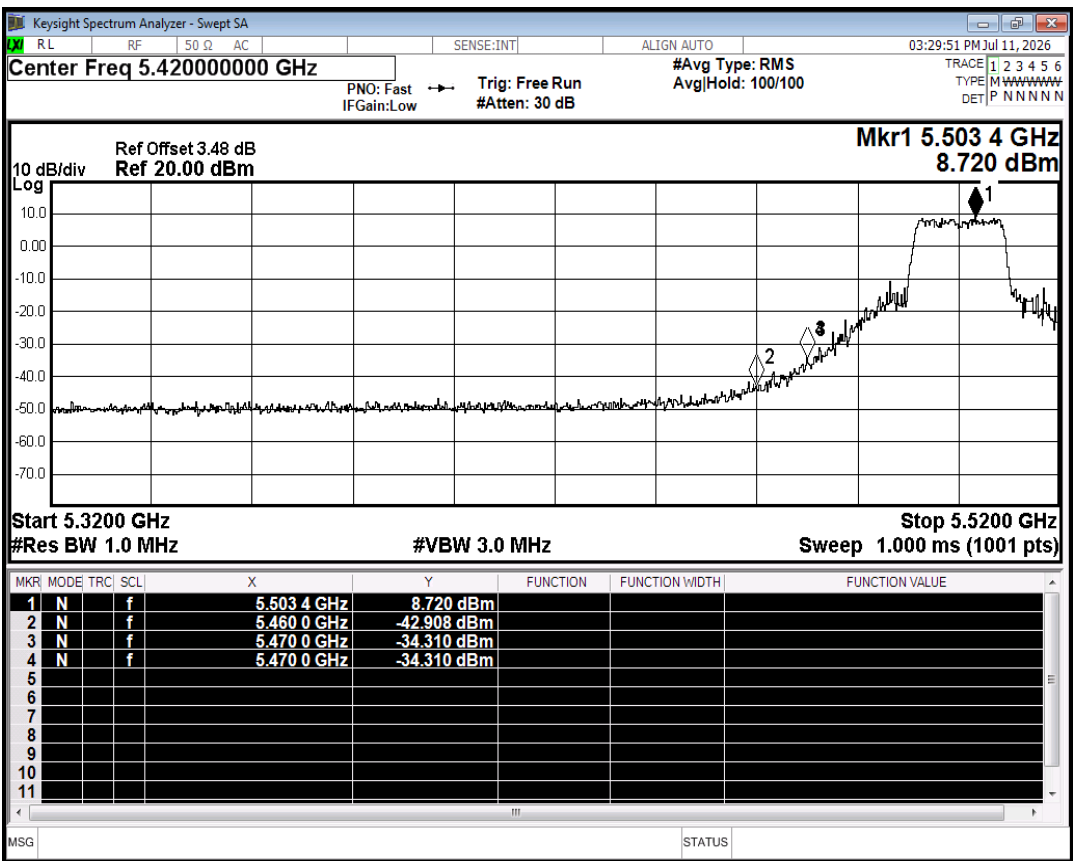
Restrict Band NVNT n40 5510MHz Ant2 Average



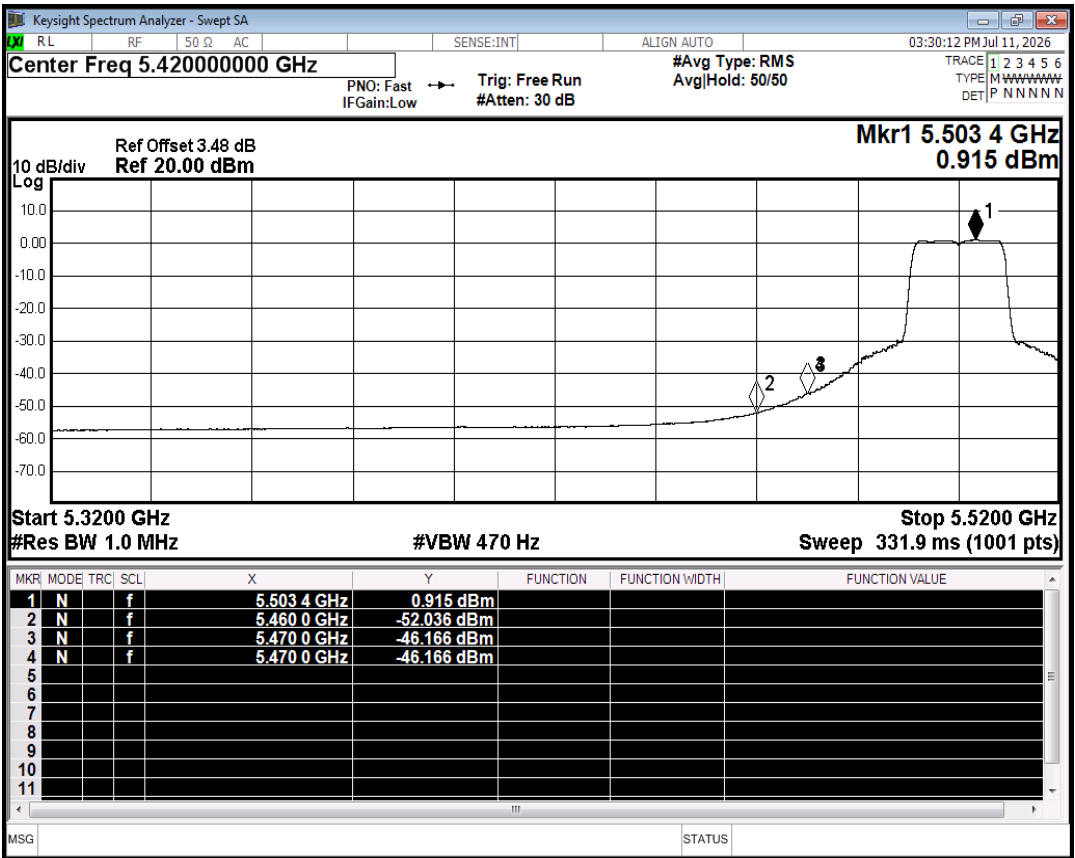
Restrict Band NVNT n40 5670MHz Ant2 Peak



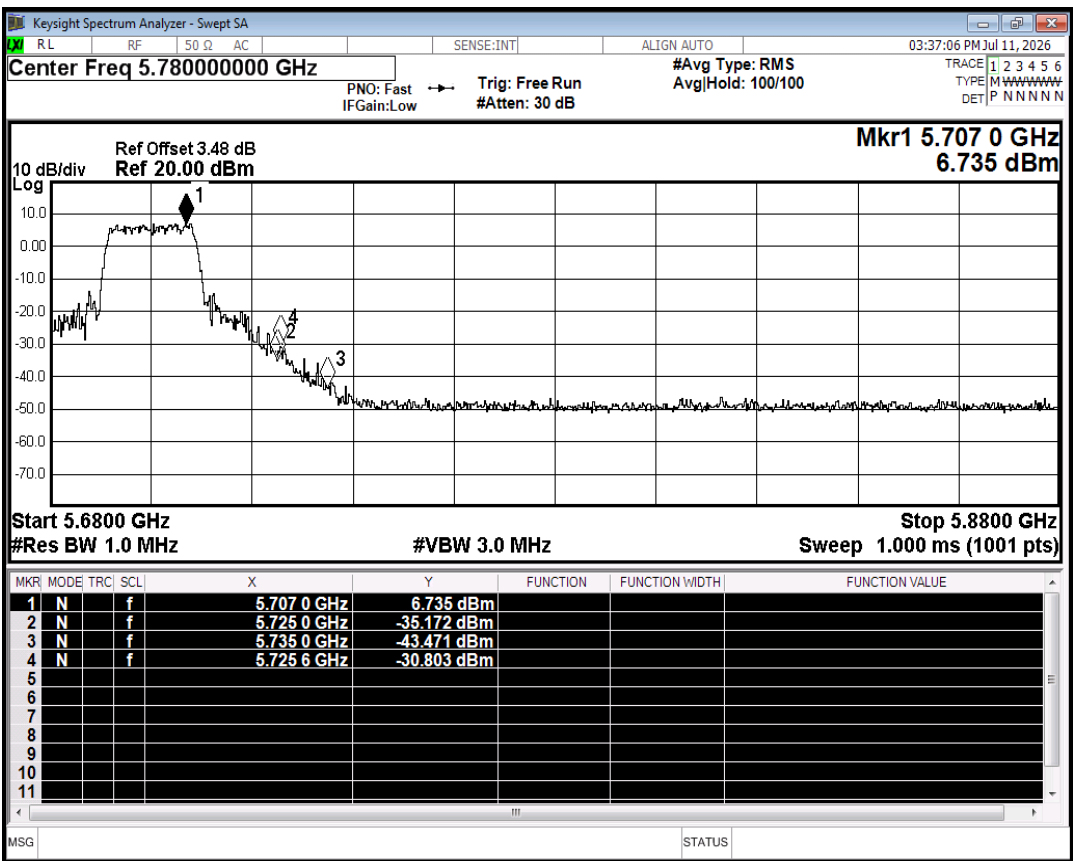
Restrict Band NVNT n40 5670MHz Ant2 Average



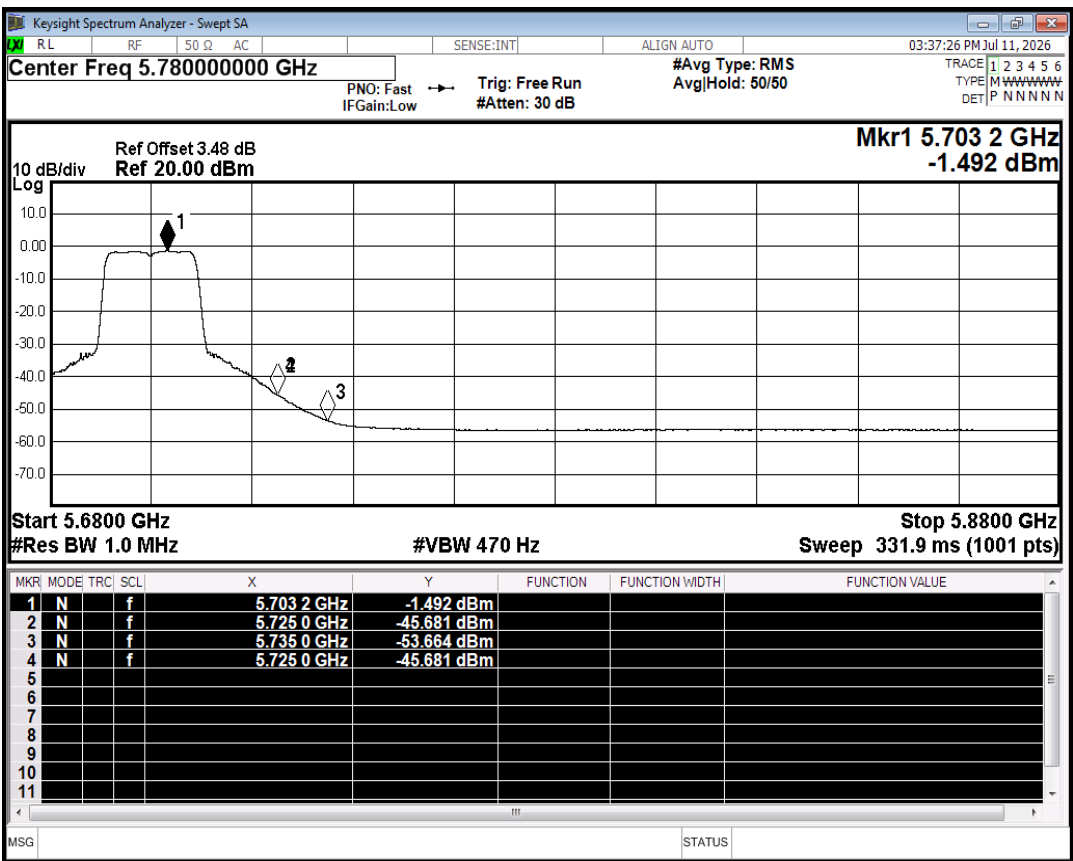
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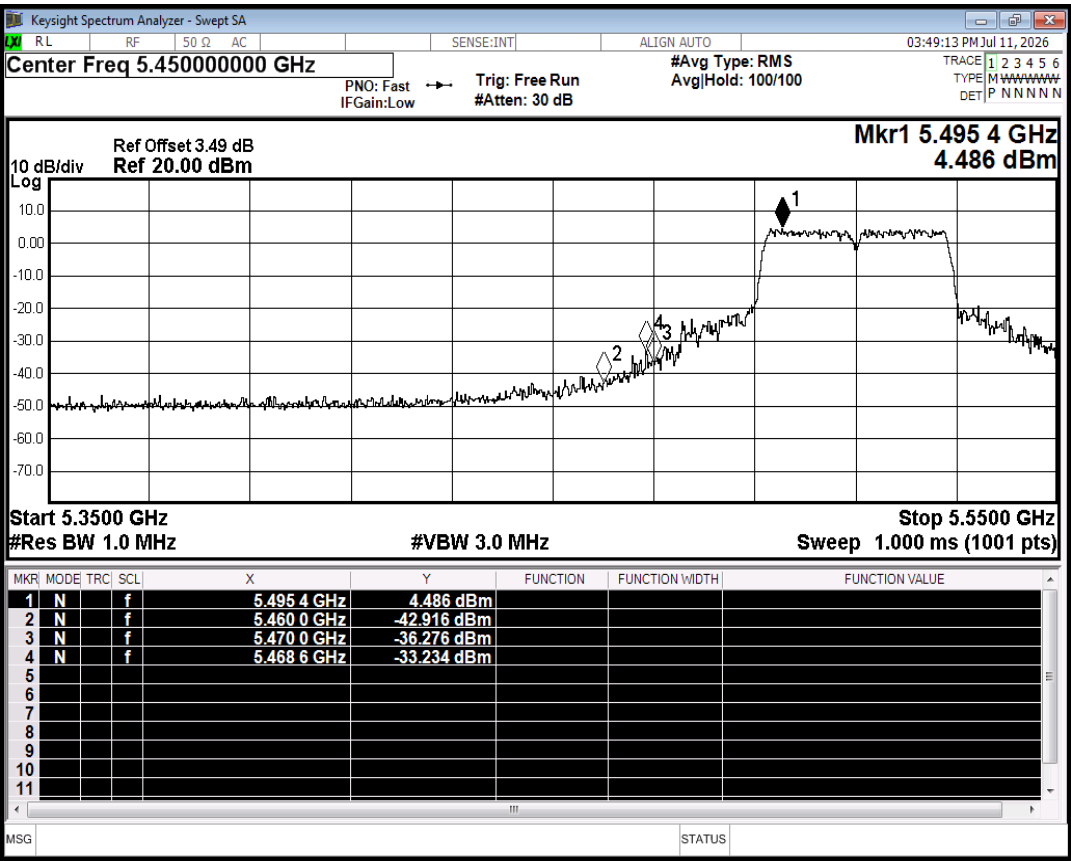
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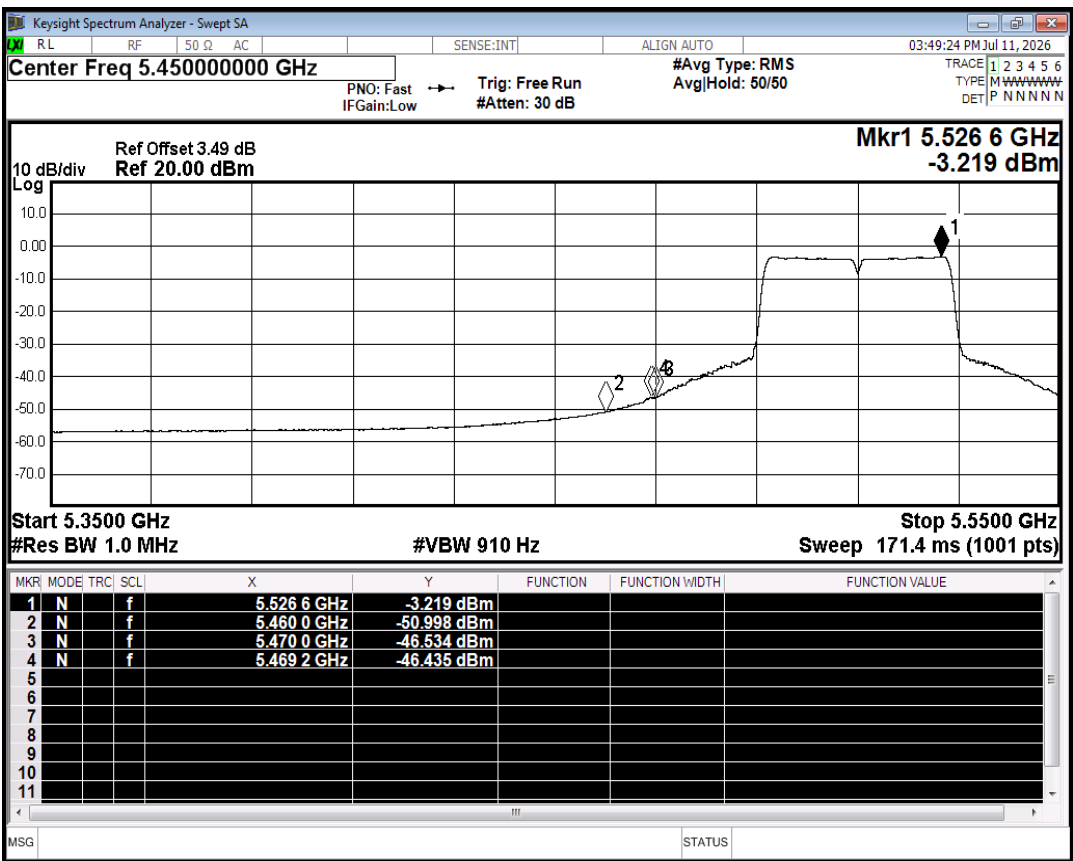
Restrict Band NVNT ac20 5700MHz Ant2 Peak



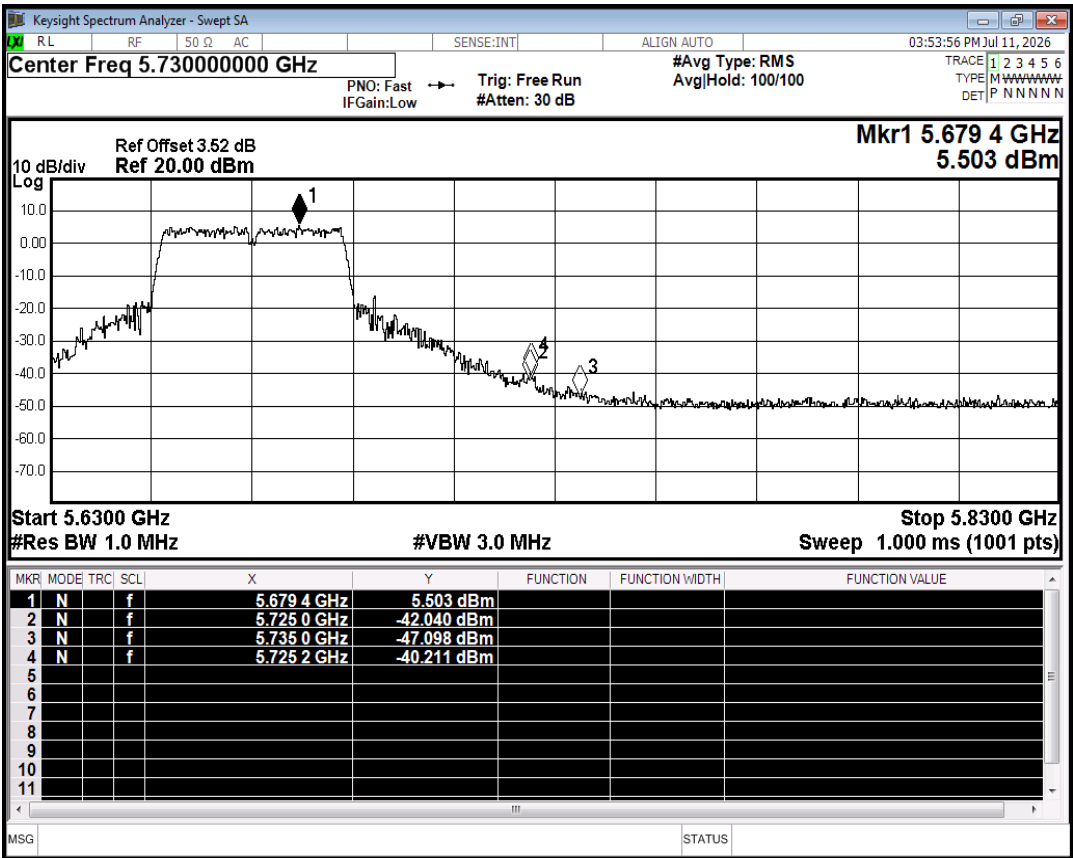
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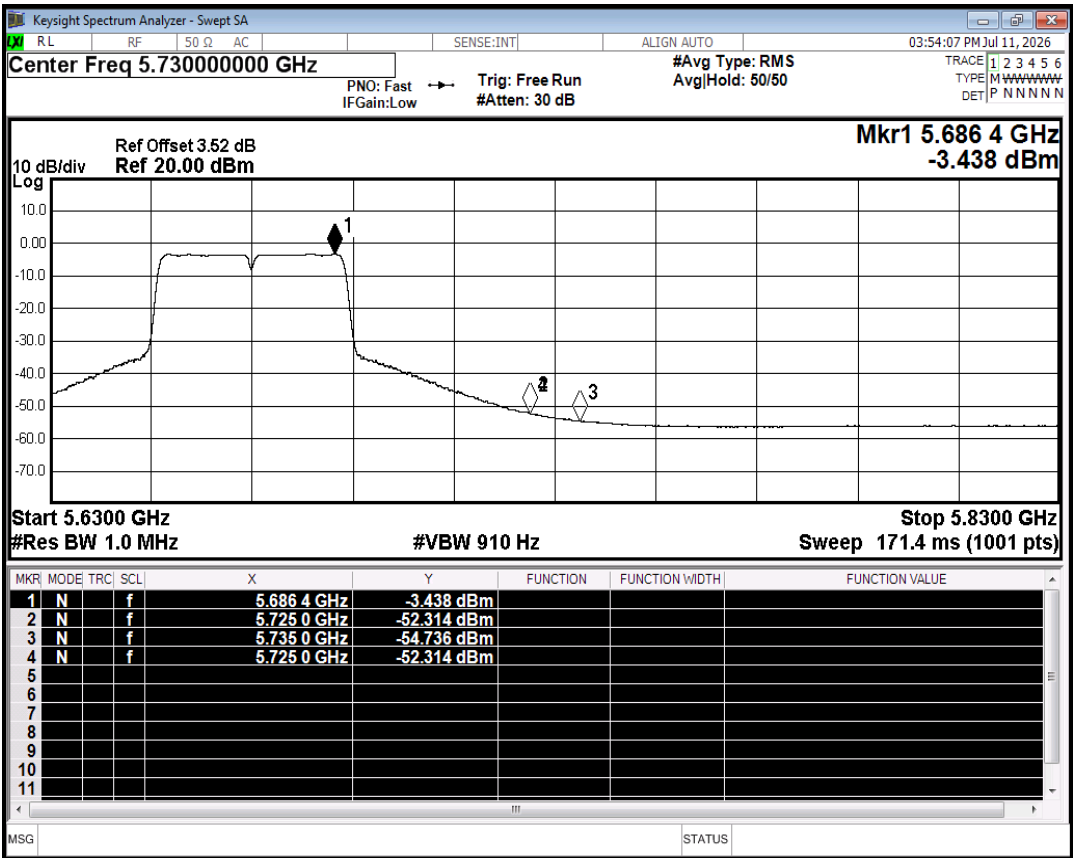
Restrict Band NVNT ac40 5510MHz Ant2 Peak



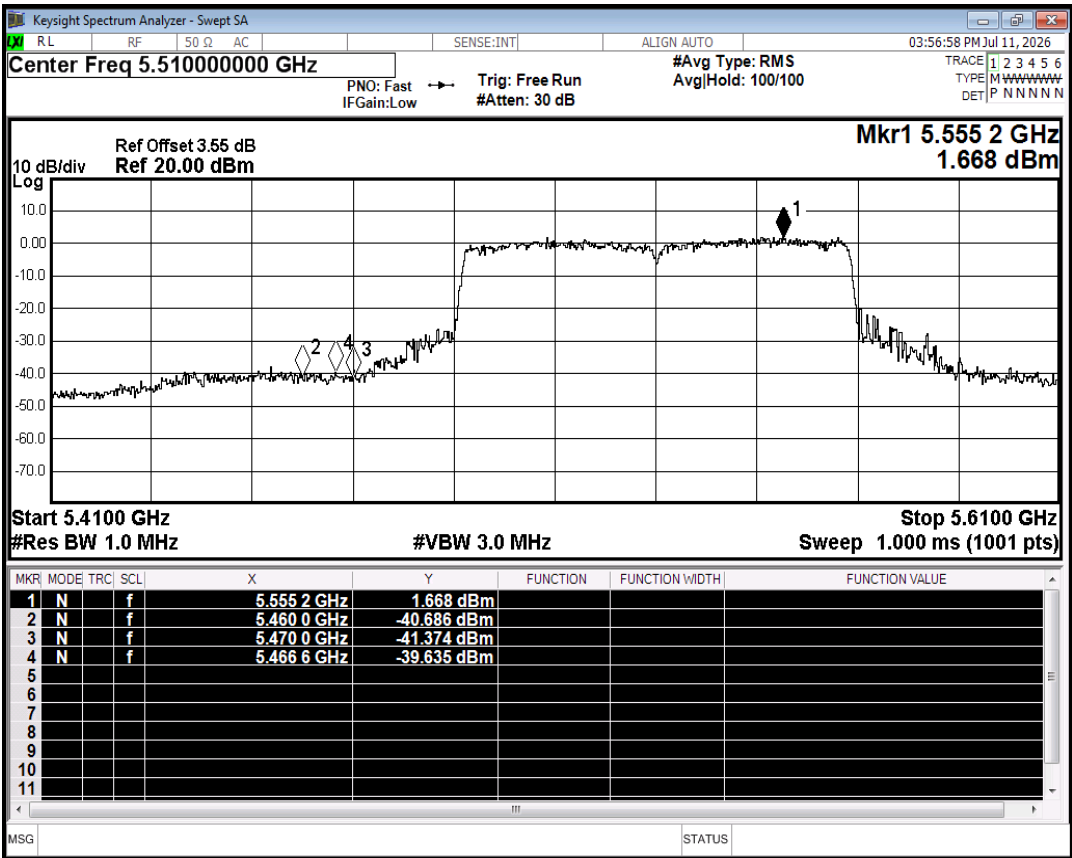
Restrict Band NVNT ac40 5510MHz Ant2 Average



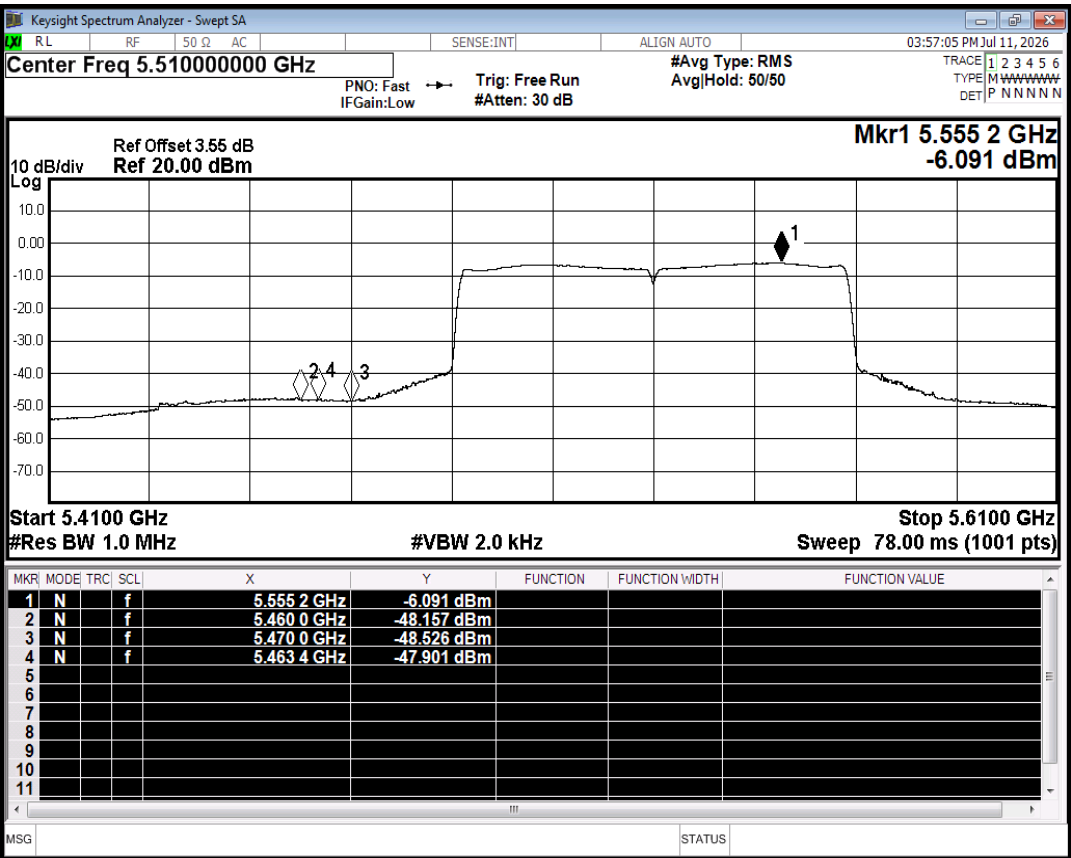
Restrict Band NVNT ac40 5670MHz Ant2 Peak



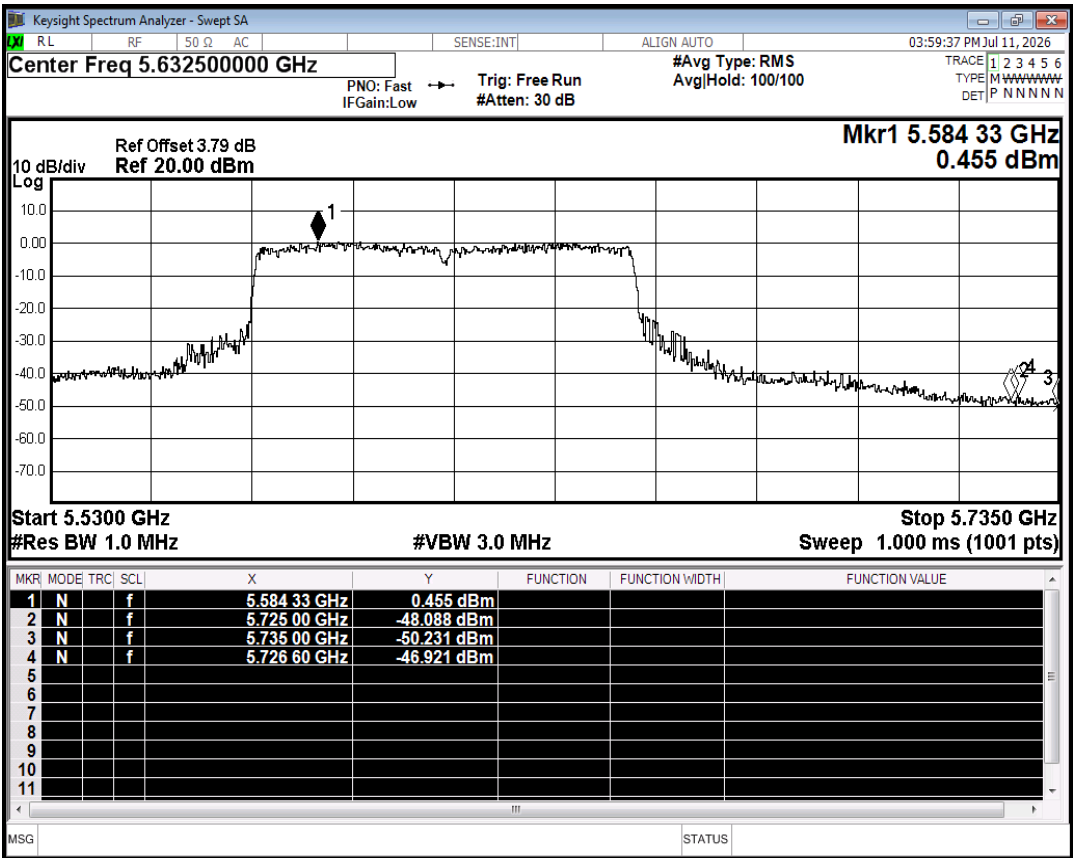
Restrict Band NVNT ac40 5670MHz Ant2 Average



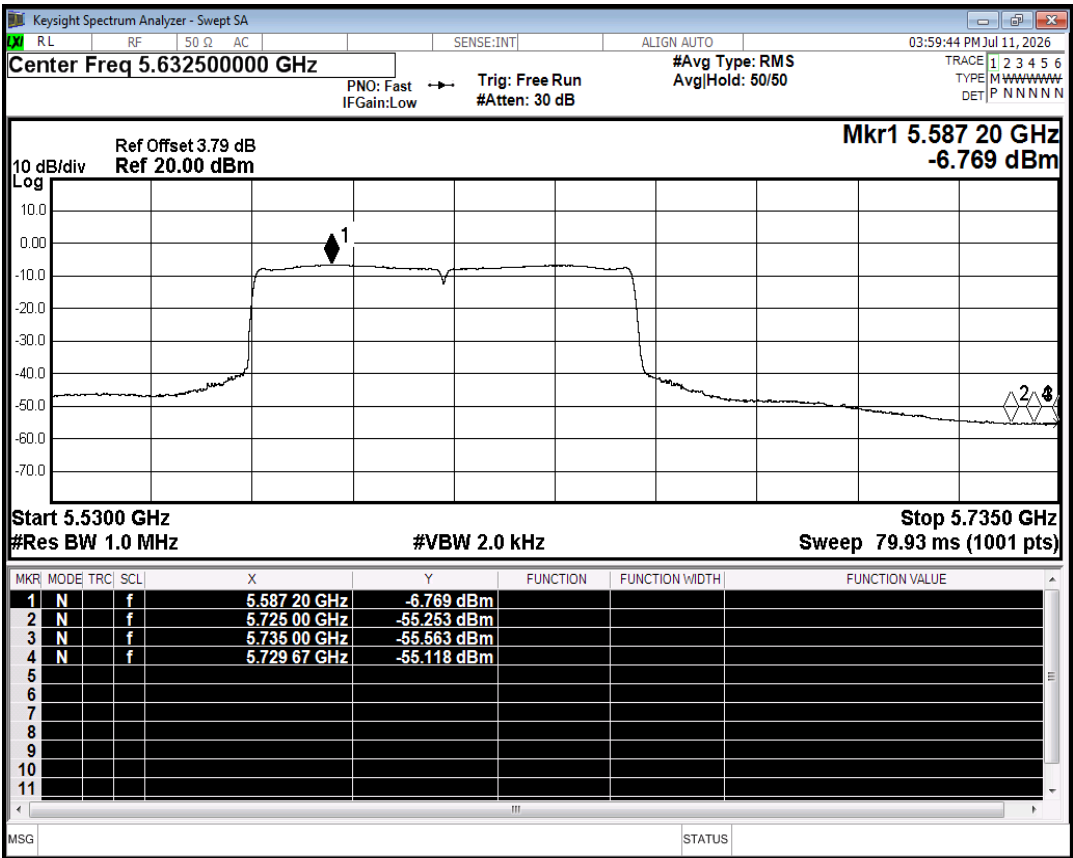
Restrict Band NVNT ac80 5530MHz Ant2 Peak



Restrict Band NVNT ac80 5530MHz Ant2 Average



Restrict Band NVNT ac80 5610MHz Ant2 Peak



Restrict Band NVNT ac80 5610MHz Ant2 Average

MIMO

Condition	Mode	Frequency (MHz)	Ant1 Power (dBm)	Ant2 Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	n20	5500	-46.51	-45.12	5.89	58.37	Peak	68.2	Pass
NVNT	n20	5500	-52.31	-52.48	5.89	51.73	Average	54	Pass
NVNT	n20	5500	-42.11	-40.99	5.89	62.61	Peak	68.2	Pass
NVNT	n20	5500	-50.97	-49.69	5.89	53.84	Average	54	Pass
NVNT	n20	5500	-35.88	-38.44	5.89	67.15	Peak	68.2	Pass
NVNT	n20	5500	-50.17	-50.69	5.89	53.71	Average	54	Pass
NVNT	n20	5700	-42.29	-42.26	5.89	61.85	Peak	68.2	Pass
NVNT	n20	5700	-49.31	-53.36	5.89	53.25	Average	54	Pass
NVNT	n20	5700	-40.42	-39.22	5.89	64.35	Peak	68.2	Pass
NVNT	n20	5700	-50.31	-53.46	5.89	52.52	Average	54	Pass
NVNT	n20	5700	-40.1	-44.13	5.89	62.46	Peak	68.2	Pass
NVNT	n20	5700	-54.07	-52.45	5.89	50.94	Average	54	Pass
NVNT	n40	5510	-40.87	-43.28	5.89	62.22	Peak	68.2	Pass
NVNT	n40	5510	-51.33	-50.99	5.89	52.97	Average	54	Pass
NVNT	n40	5510	-42.01	-45.15	5.89	60.83	Peak	68.2	Pass
NVNT	n40	5510	-49.69	-50.94	5.89	53.86	Average	54	Pass
NVNT	n40	5510	-36.83	-36.89	5.89	67.27	Peak	68.2	Pass
NVNT	n40	5510	-49.65	-50.94	5.89	53.88	Average	54	Pass
NVNT	n40	5670	-43.75	-42.75	5.89	60.91	Peak	68.2	Pass
NVNT	n40	5670	-52.48	-52.05	5.89	51.87	Average	54	Pass
NVNT	n40	5670	-41.06	-42.72	5.89	62.32	Peak	68.2	Pass
NVNT	n40	5670	-52.38	-52.05	5.89	51.92	Average	54	Pass
NVNT	n40	5670	-48.78	-46.7	5.89	56.51	Peak	68.2	Pass
NVNT	n40	5670	-54.51	-54.29	5.89	49.73	Average	54	Pass
NVNT	ac20	5500	-46.1	-42.9	5.89	59.92	Peak	68.2	Pass
NVNT	ac20	5500	-52.96	-52.03	5.89	51.66	Average	54	Pass
NVNT	ac20	5500	-47.06	-34.31	5.89	67.03	Peak	68.2	Pass
NVNT	ac20	5500	-49.67	-50.66	5.89	53.99	Average	54	Pass
NVNT	ac20	5500	-38.51	-44.31	5.89	63.62	Peak	68.2	Pass
NVNT	ac20	5500	-49.67	-50.76	5.89	53.95	Average	54	Pass
NVNT	ac20	5700	-33.2	-45.17	5.89	68.19	Peak	68.2	Pass
NVNT	ac20	5700	-50.99	-49.68	5.89	53.84	Average	54	Pass
NVNT	ac20	5700	-41.55	-40.8	5.89	62.97	Peak	68.2	Pass
NVNT	ac20	5700	-49.99	-50.68	5.89	53.81	Average	54	Pass
NVNT	ac20	5700	-41.4	-43.47	5.89	61.82	Peak	68.2	Pass
NVNT	ac20	5700	-54.66	-53.66	5.89	50.00	Average	54	Pass
NVNT	ac40	5510	-45.13	-42.91	5.89	60.25	Peak	68.2	Pass

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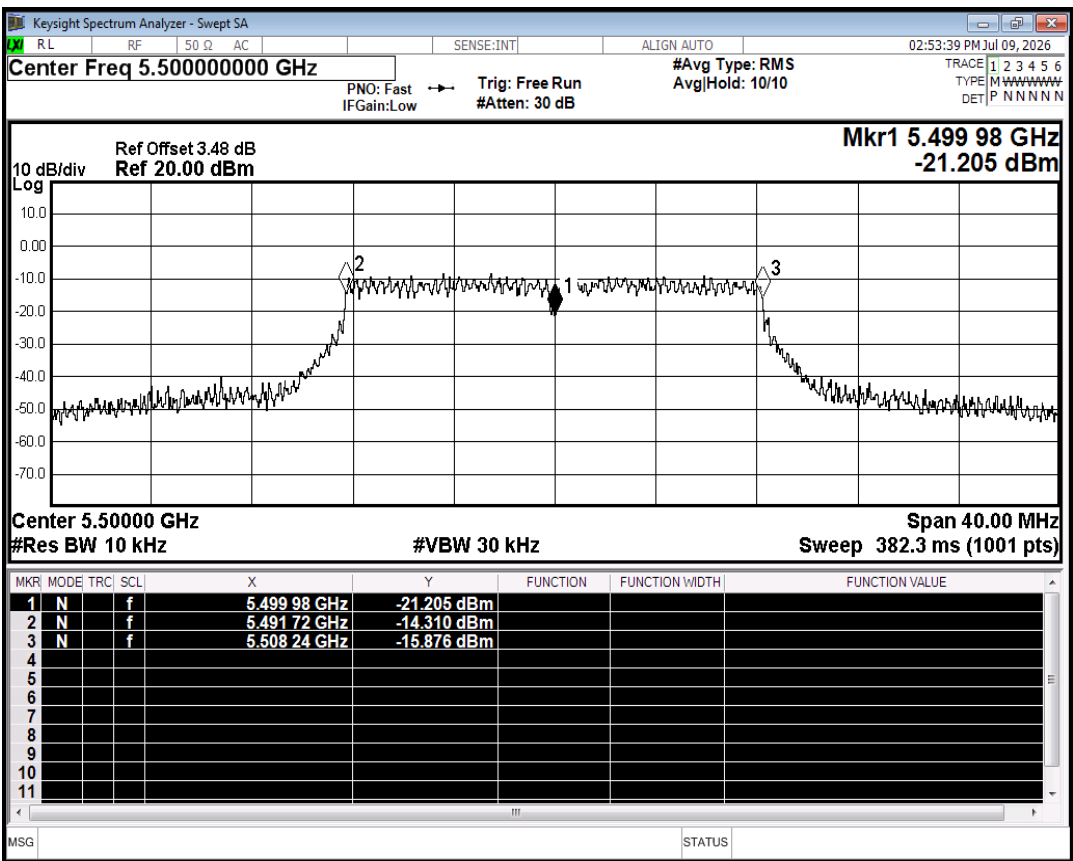
Add: No.44-1, Qianfeng North Road, Shiqi, Panyu District, Guangzhou, Guangdong, China

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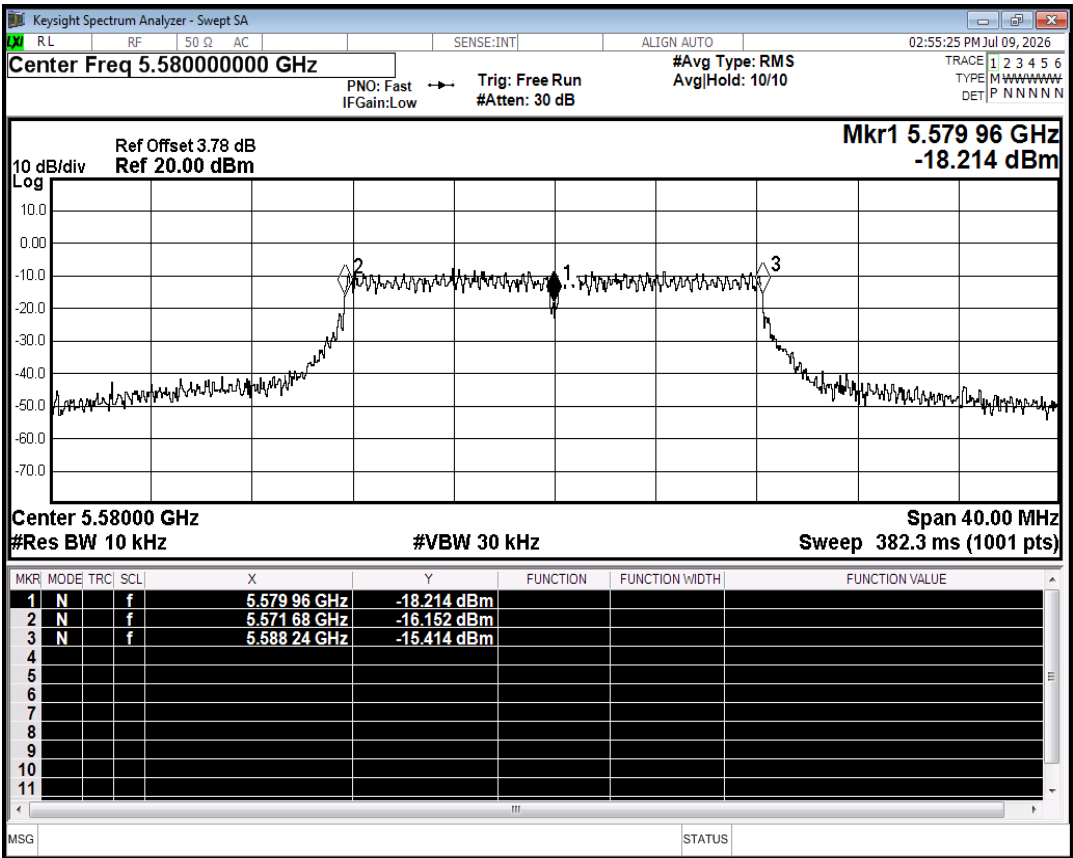
NVNT	ac40	5510	-51.46	-50.99	5.89	52.91	Average	54	Pass
NVNT	ac40	5510	-42.25	-43.23	5.89	61.42	Peak	68.2	Pass
NVNT	ac40	5510	-50.42	-50.43	5.89	53.70	Average	54	Pass
NVNT	ac40	5510	-42.25	-46.27	5.89	60.32	Peak	68.2	Pass
NVNT	ac40	5510	-49.65	-50.93	5.89	53.88	Average	54	Pass
NVNT	ac40	5670	-44.99	-42.03	5.89	60.87	Peak	68.2	Pass
NVNT	ac40	5670	-52.75	-52.31	5.89	51.60	Average	54	Pass
NVNT	ac40	5670	-40.75	-40.21	5.89	63.66	Peak	68.2	Pass
NVNT	ac40	5670	-52.75	-52.31	5.89	51.60	Average	54	Pass
NVNT	ac40	5670	-48.2	-47.09	5.89	56.52	Peak	68.2	Pass
NVNT	ac40	5670	-54.78	-54.73	5.89	49.37	Average	54	Pass
NVNT	ac80	5530	-41.07	-40.68	5.89	63.26	Peak	68.2	Pass
NVNT	ac80	5530	-49.99	-50.65	5.89	53.82	Average	54	Pass
NVNT	ac80	5530	-34.78	-39.63	5.89	67.57	Peak	68.2	Pass
NVNT	ac80	5530	-50.34	-50.9	5.89	53.52	Average	54	Pass
NVNT	ac80	5530	-38.33	-41.37	5.89	64.54	Peak	68.2	Pass
NVNT	ac80	5530	-50.01	-50.52	5.89	53.87	Average	54	Pass
NVNT	ac80	5610	-48.93	-47.87	5.89	55.76	Peak	68.2	Pass
NVNT	ac80	5610	-55.41	-55.53	5.89	48.66	Average	54	Pass
NVNT	ac80	5610	-46.9	-46.92	5.89	57.22	Peak	68.2	Pass
NVNT	ac80	5610	-55.2	-55.11	5.89	48.97	Average	54	Pass
NVNT	ac80	5610	-50.28	-50.23	5.89	53.87	Peak	68.2	Pass
NVNT	ac80	5610	-55.68	-55.56	5.89	48.51	Average	54	Pass

F.5 Frequency Stability

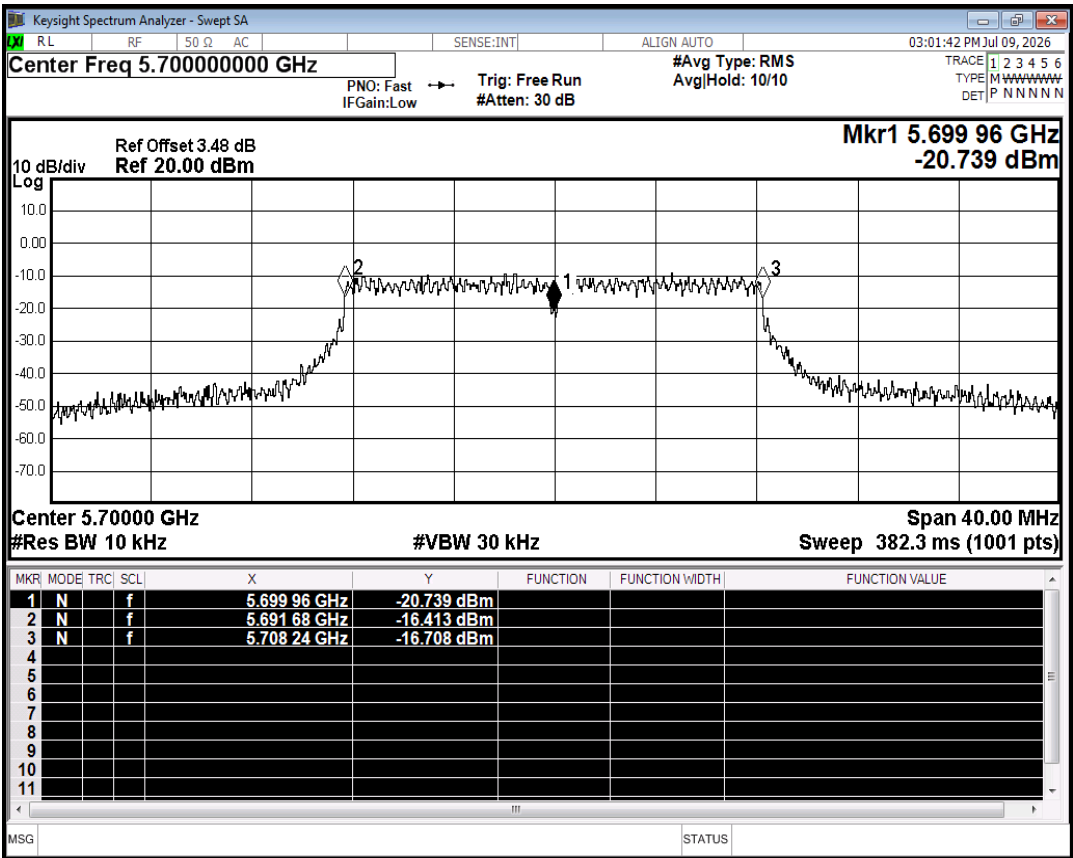
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5500	Ant1	5499.98	-20000	-3.64	25	Pass
NVNT	a	5580	Ant1	5579.96	-40000	-7.17	25	Pass
NVNT	a	5700	Ant1	5699.96	-40000	-7.02	25	Pass
NVNT	n20	5500	Ant1	5499.98	-20000	-3.64	25	Pass
NVNT	n20	5580	Ant1	5579.98	-20000	-3.58	25	Pass
NVNT	n20	5700	Ant1	5699.98	-20000	-3.51	25	Pass
NVNT	n40	5510	Ant1	5510	0	0	25	Pass
NVNT	n40	5550	Ant1	5549.96	-40000	-7.21	25	Pass
NVNT	n40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
NVNT	ac20	5500	Ant1	5499.96	-40000	-7.27	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	5669.96	-40000	-7.05	25	Pass
NVNT	ac80	5530	Ant1	5530	0	0	25	Pass
NVNT	ac80	5610	Ant1	5610	0	0	25	Pass



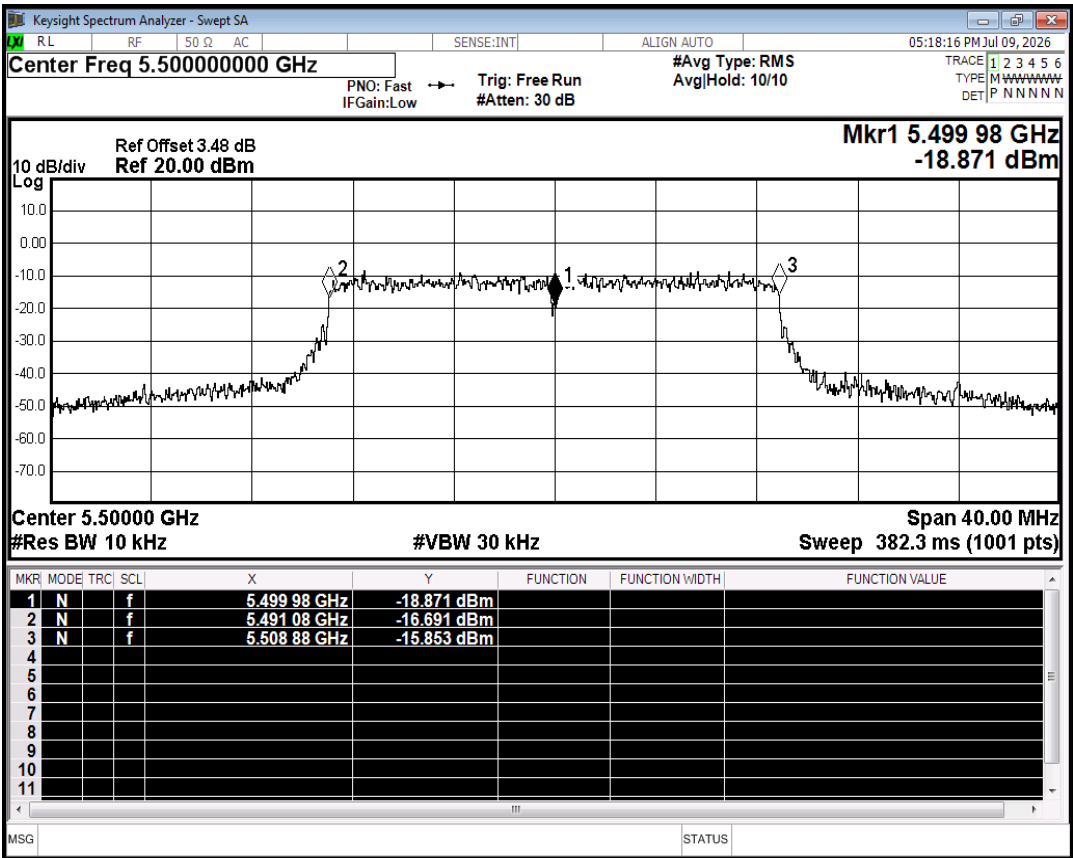
Freq. Stability NVNT a 5500MHz Ant1



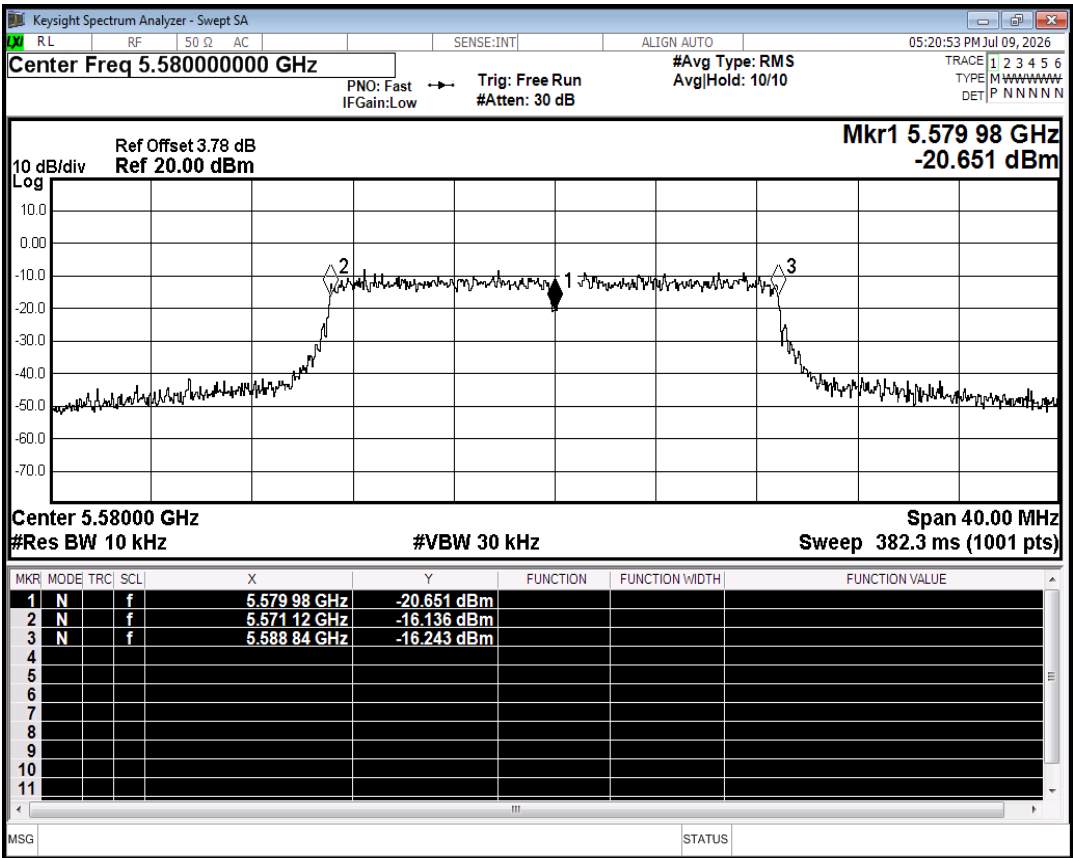
Freq. Stability NVNT a 5580MHz Ant1



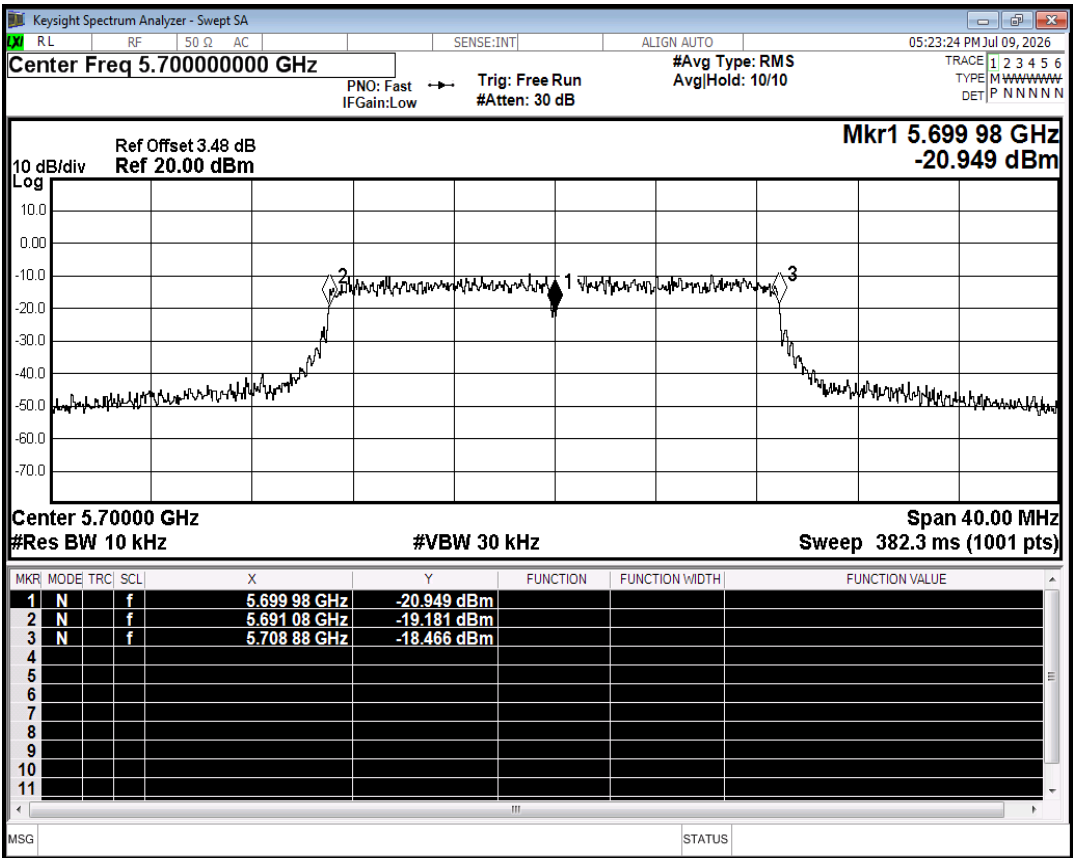
Freq. Stability NVNT a 5700MHz Ant1



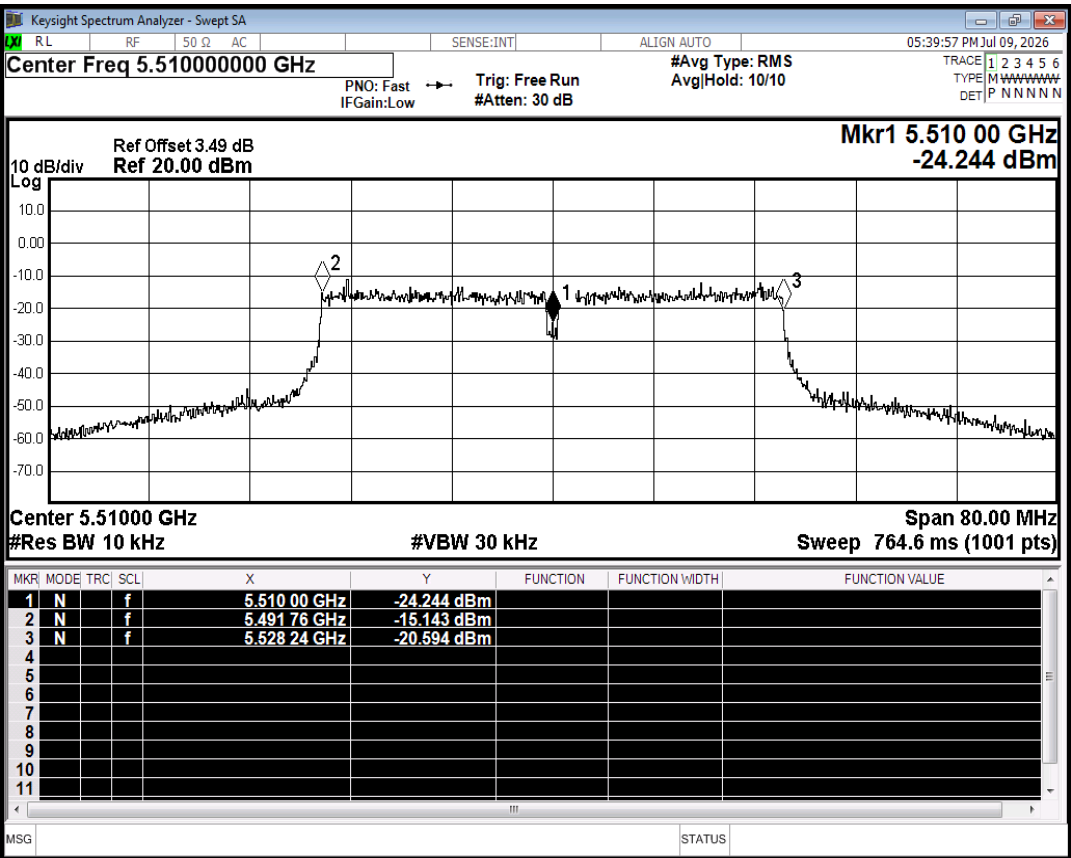
Freq. Stability NVNT n20 5500MHz Ant1



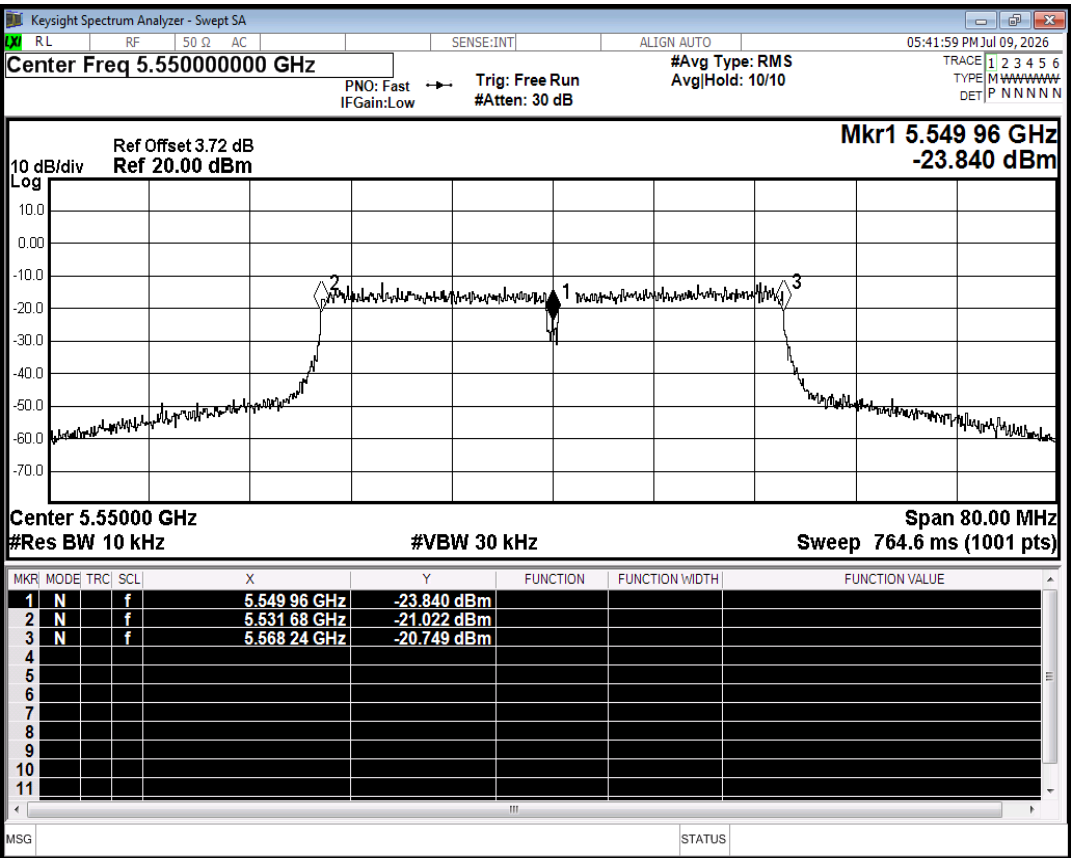
Freq. Stability NVNT n20 5580MHz Ant1



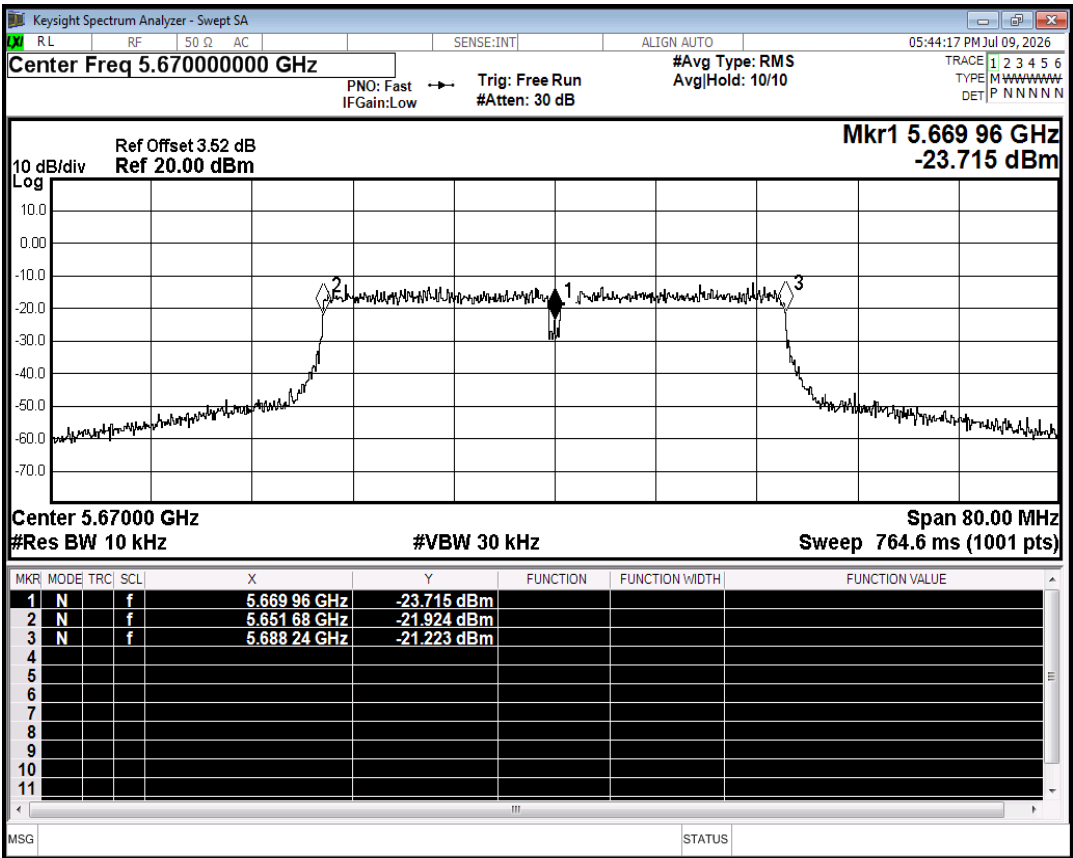
Freq. Stability NVNT n20 5700MHz Ant1



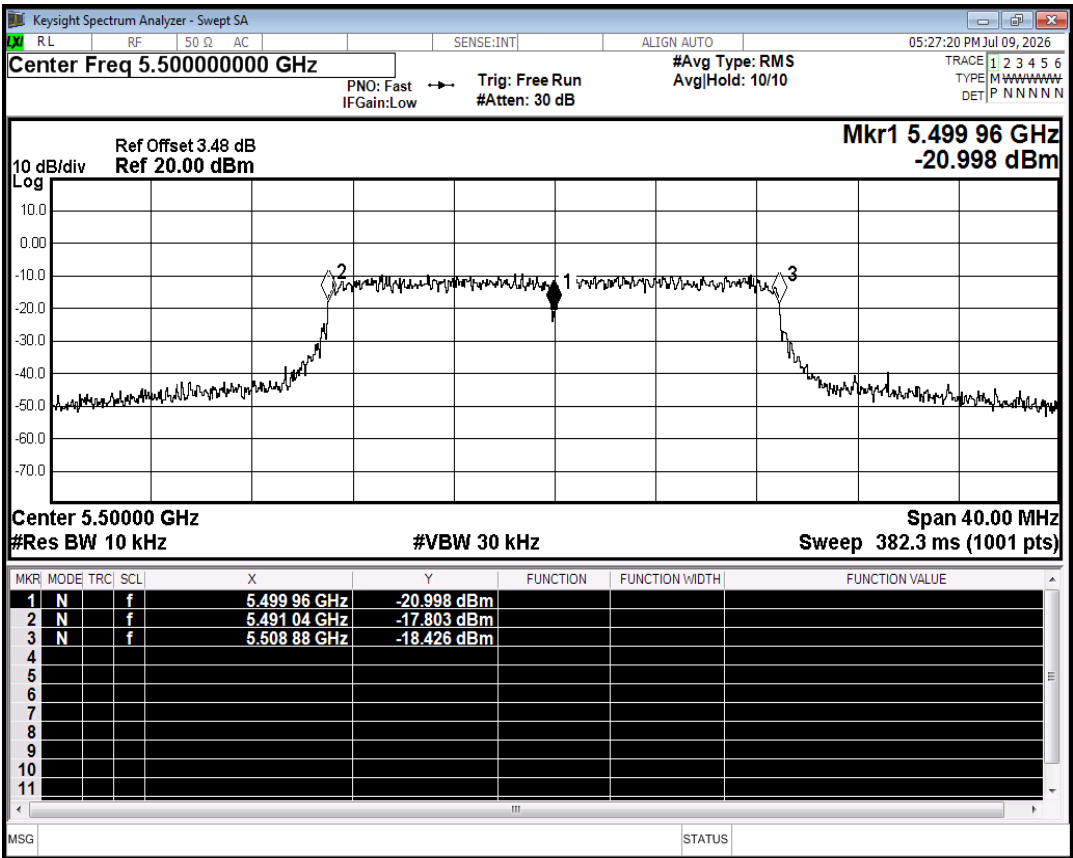
Freq. Stability NVNT n40 5510MHz Ant1



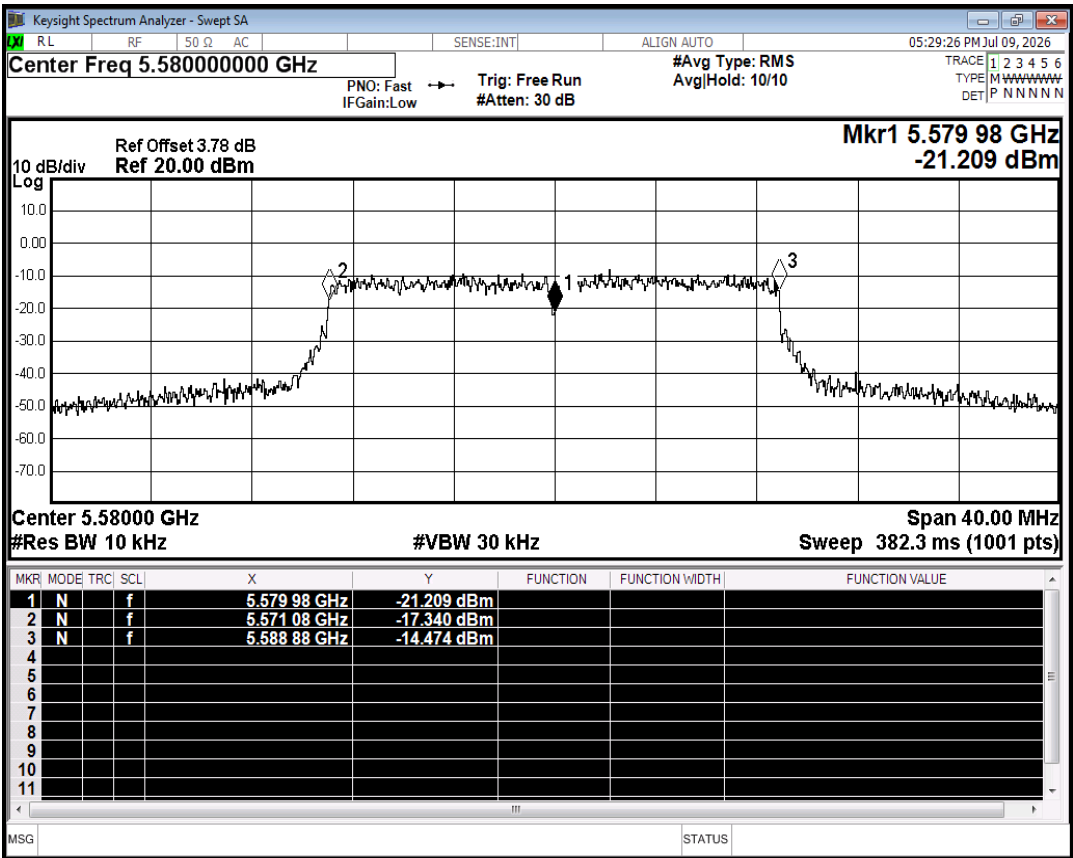
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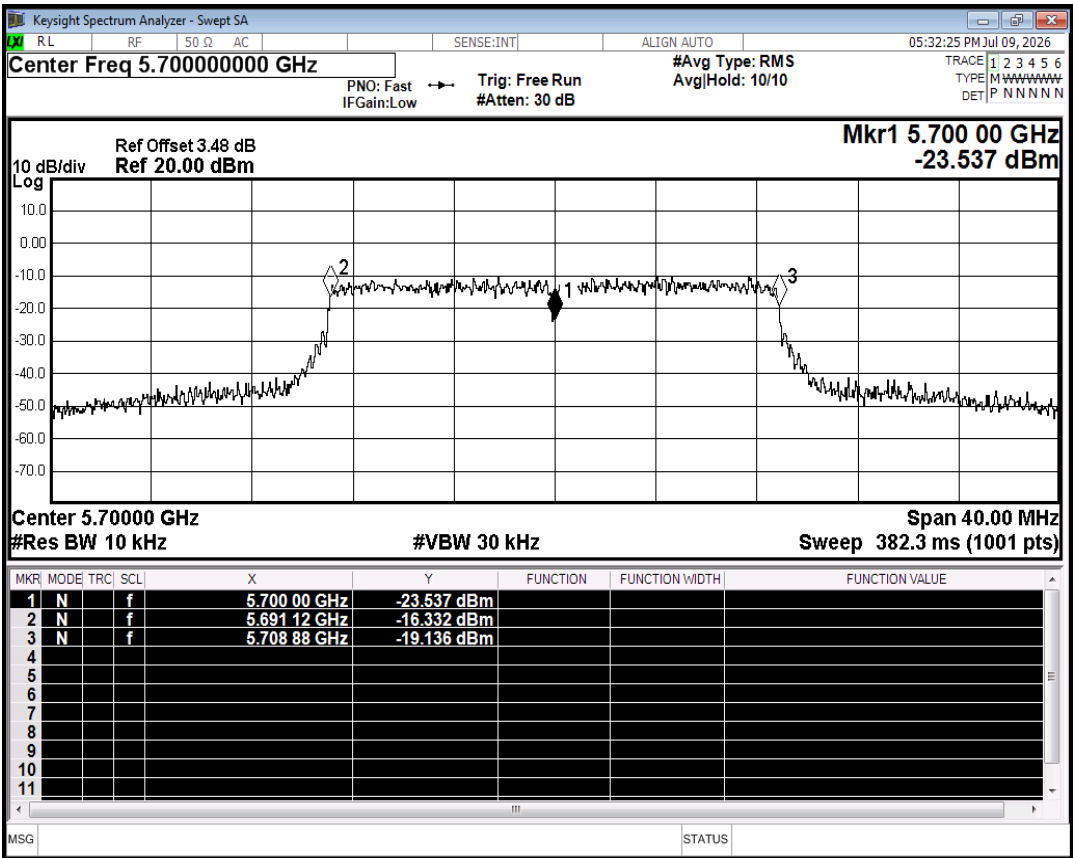
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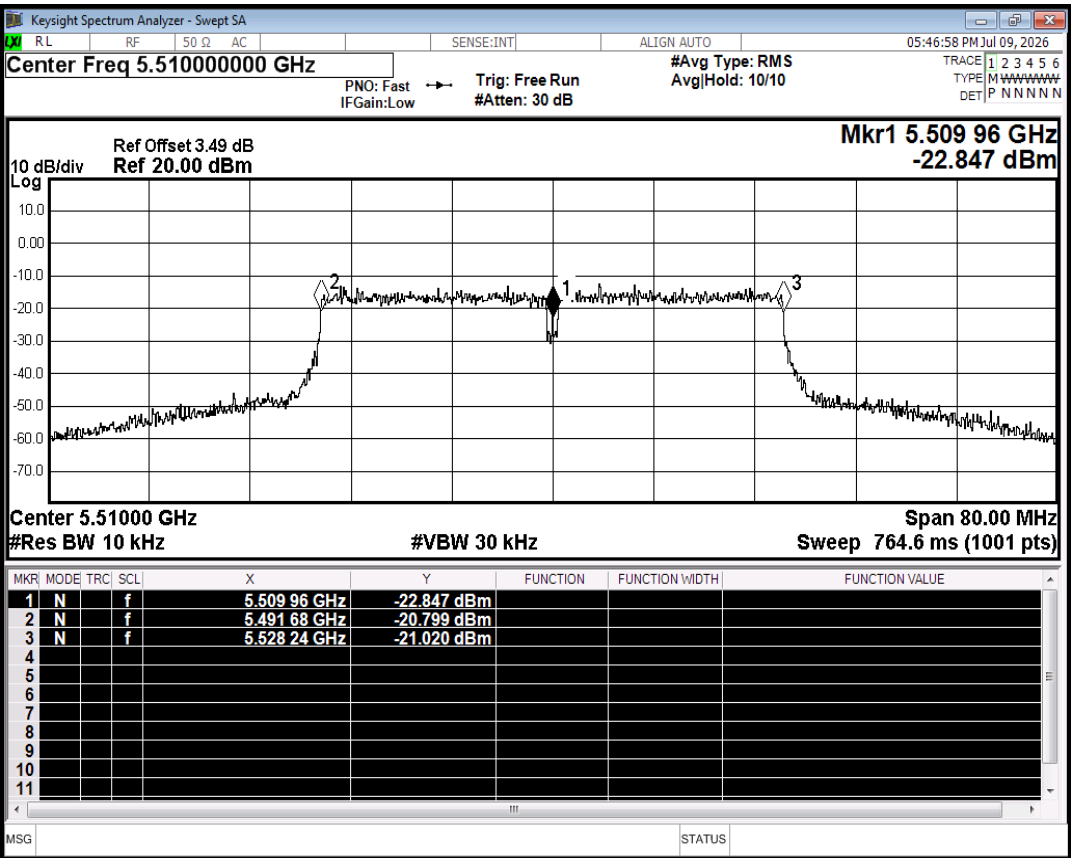
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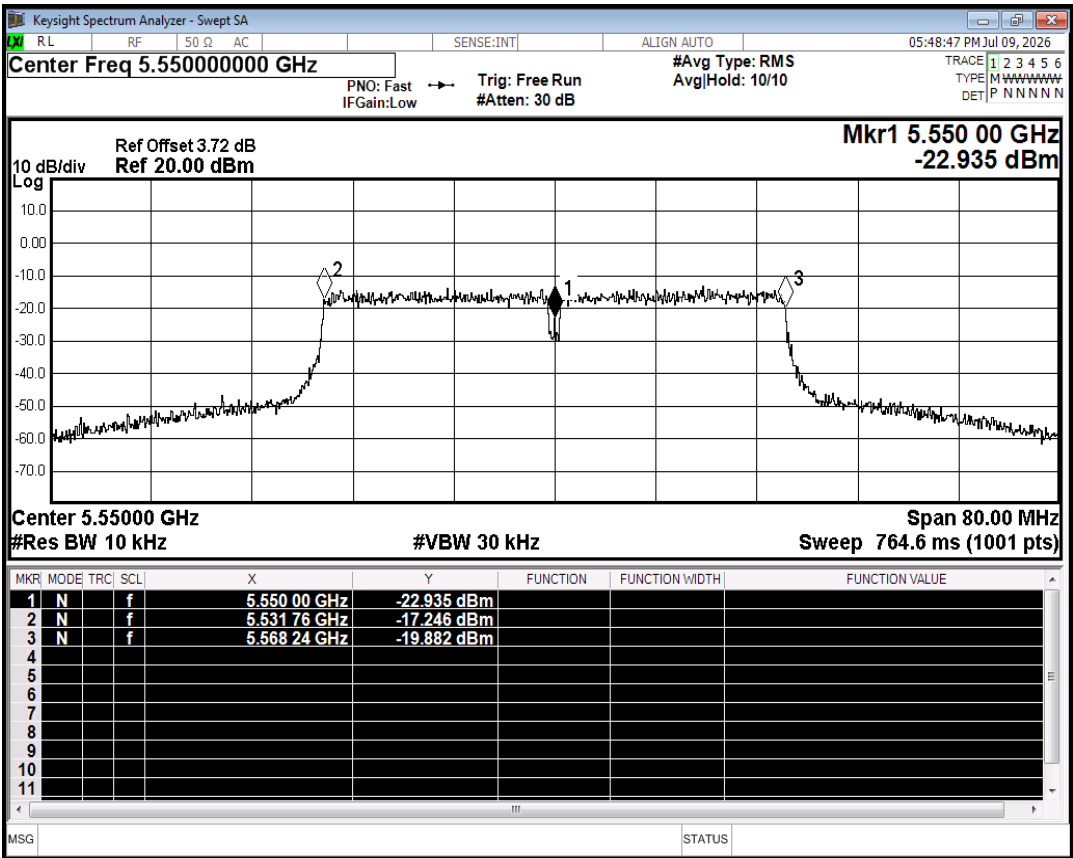
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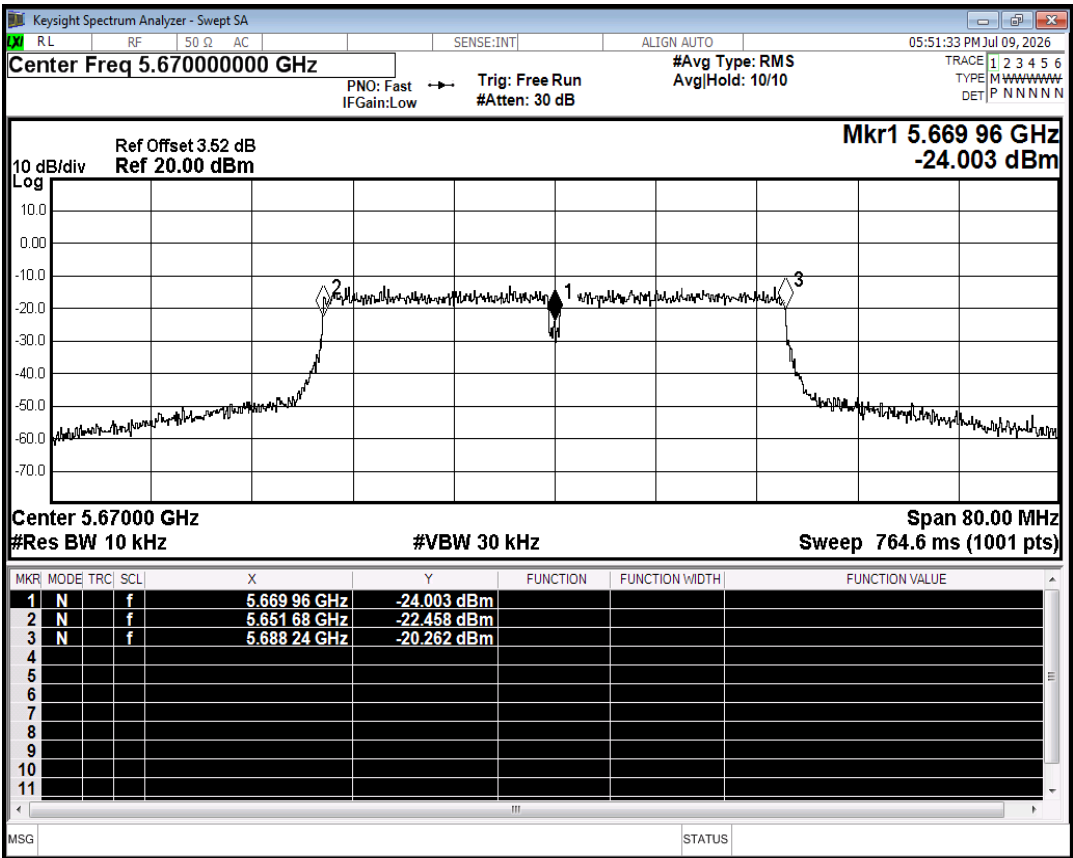
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Freq. Stability NVNT ac40 5510MHz Ant1



Freq. Stability NVNT ac40 5550MHz Ant1



Freq. Stability NVNT ac40 5670MHz Ant1