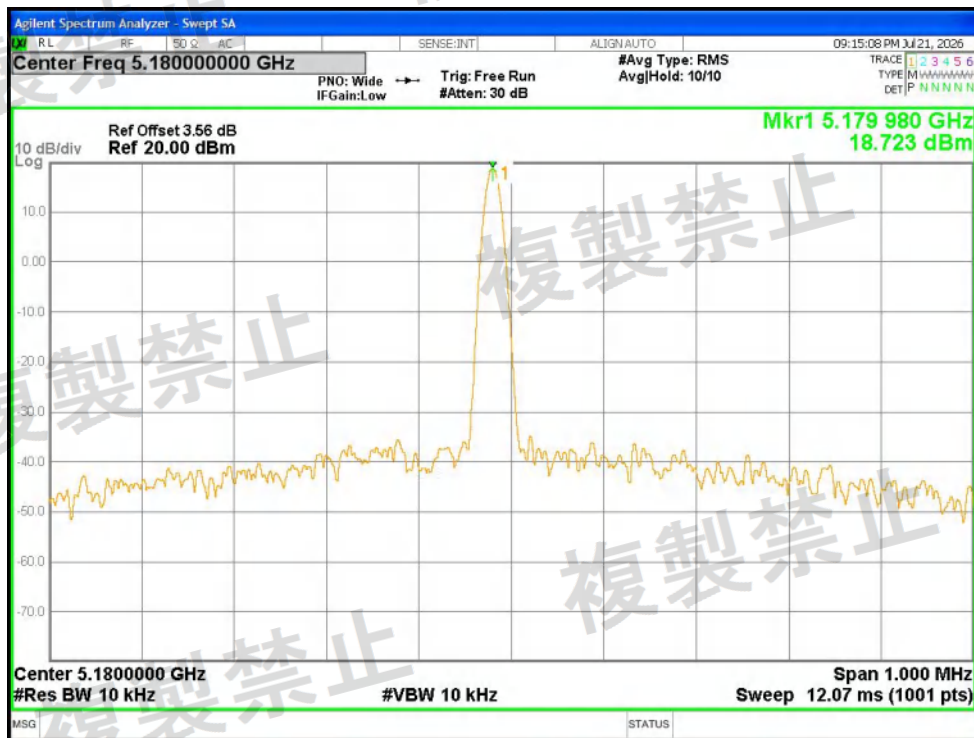


Product Name : Wireless Carplay adapter

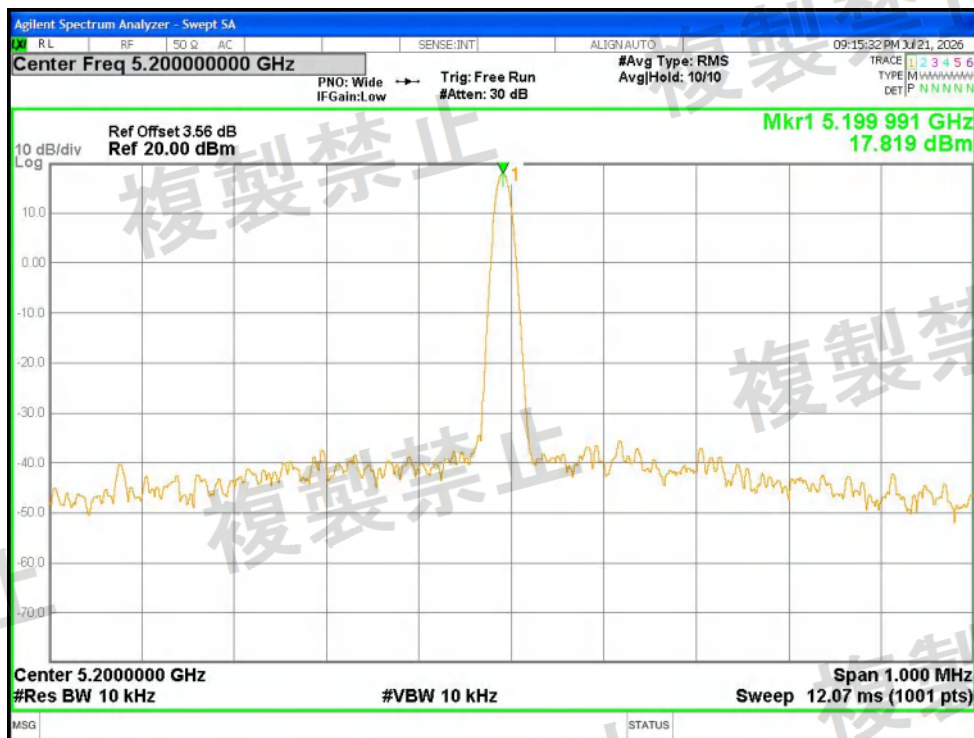
Model Number : KY-4186, KY-4188S, KY-4190S, KY-4193S, KY-4222S, KY-4224S,
KY-4235S, KY-4251S, KY-4101S, KY-4129S

1. Frequency Error

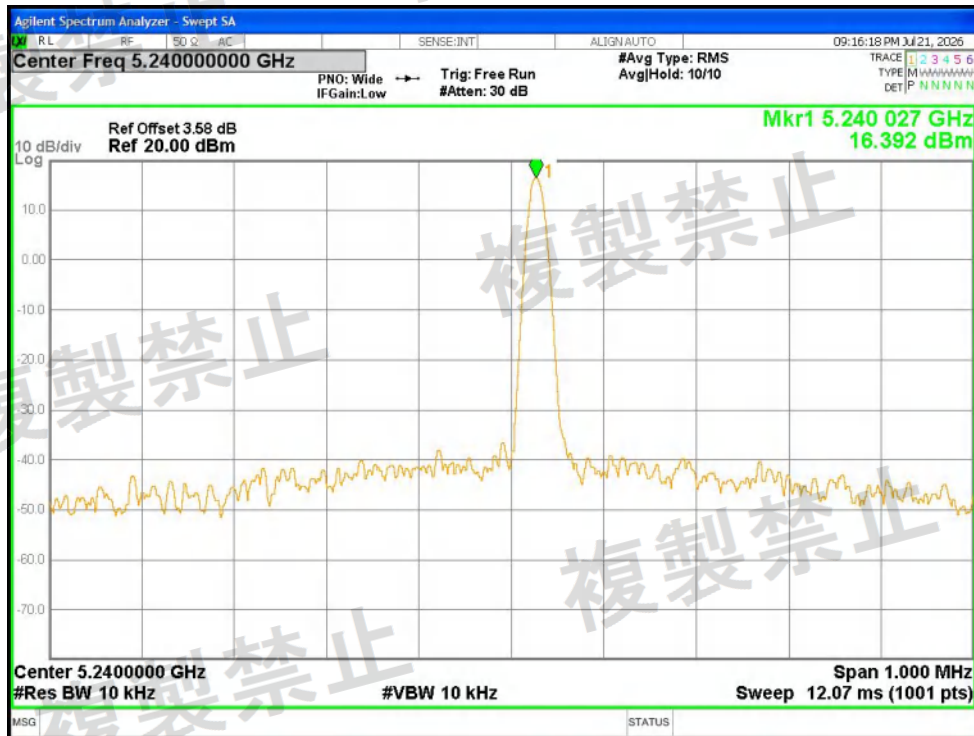
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5180	Ant1	5179.98	-20000	-3.86	20	Pass
NVNT	a	5200	Ant1	5199.991	-9000	-1.73	20	Pass
NVNT	a	5240	Ant1	5240.027	27000	5.15	20	Pass
NVNT	n40	5190	Ant1	5190.03	30000	5.78	20	Pass
NVNT	n40	5230	Ant1	5230.04	40000	7.65	20	Pass



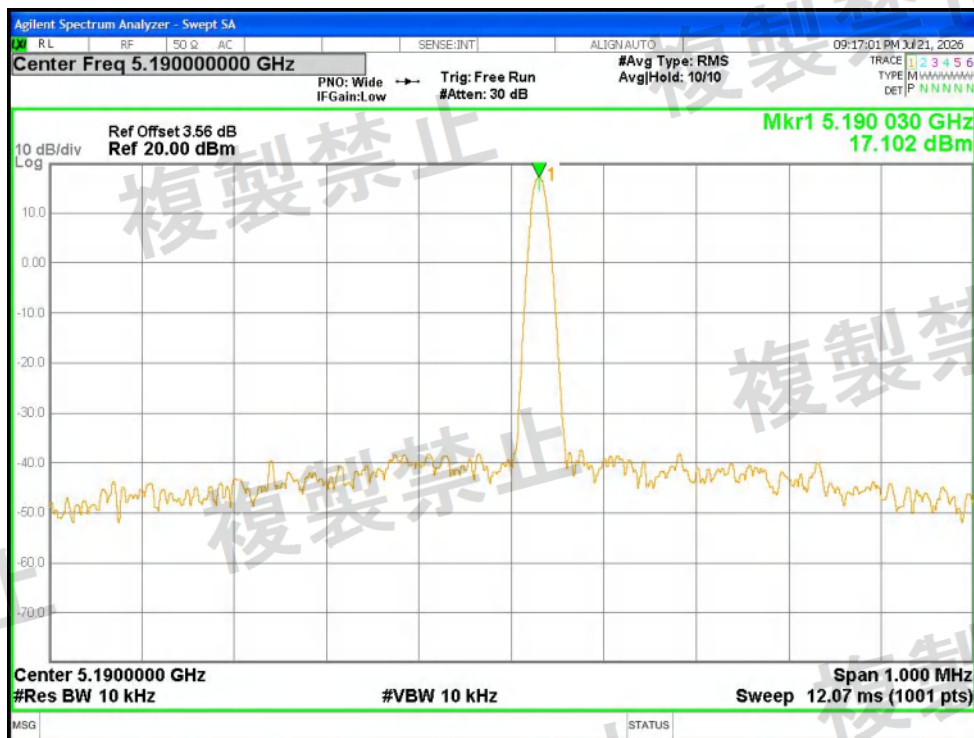
Freq. Error NVNT a 5180MHz Ant1



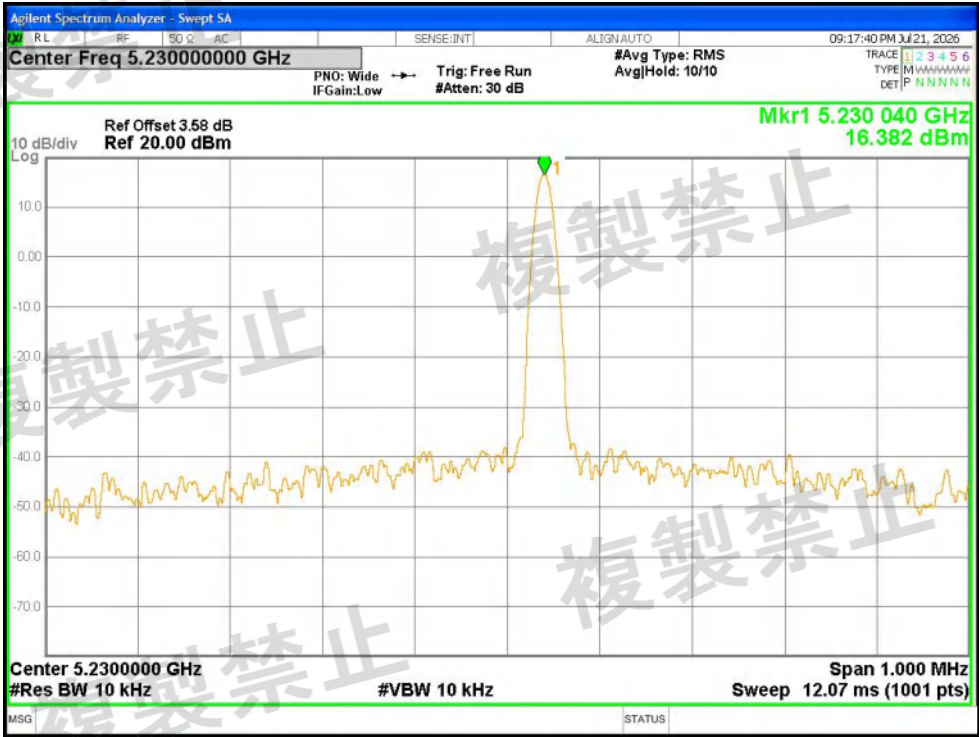
Freq. Error NVNT a 5200MHz Ant1



Freq. Error NVNT a 5240MHz Ant1



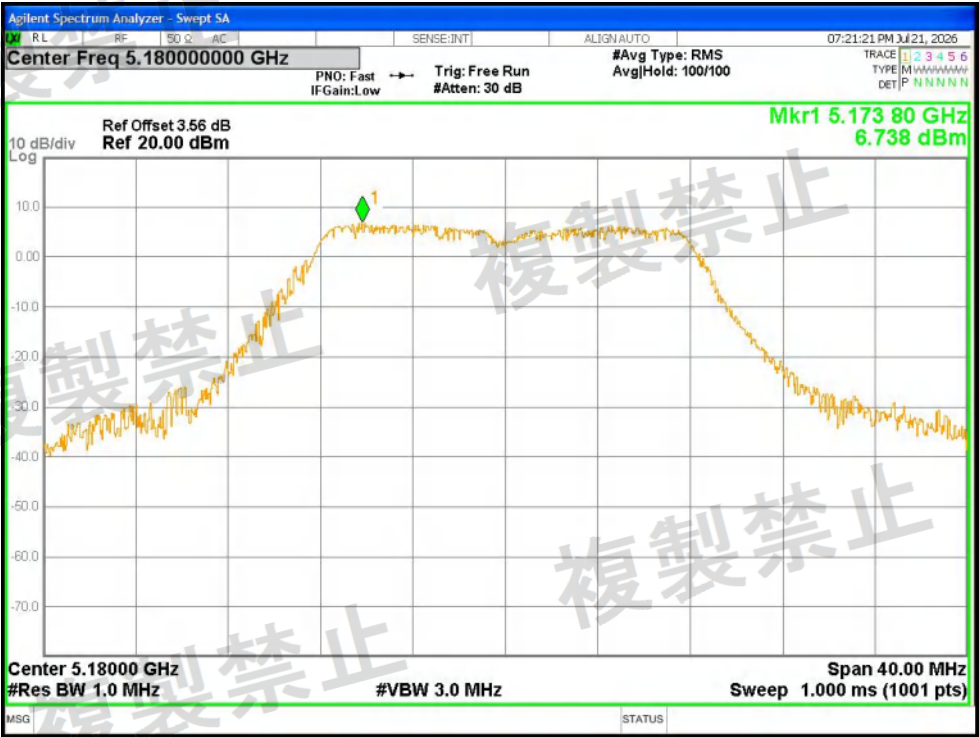
Freq. Error NVNT n40 5190MHz Ant1



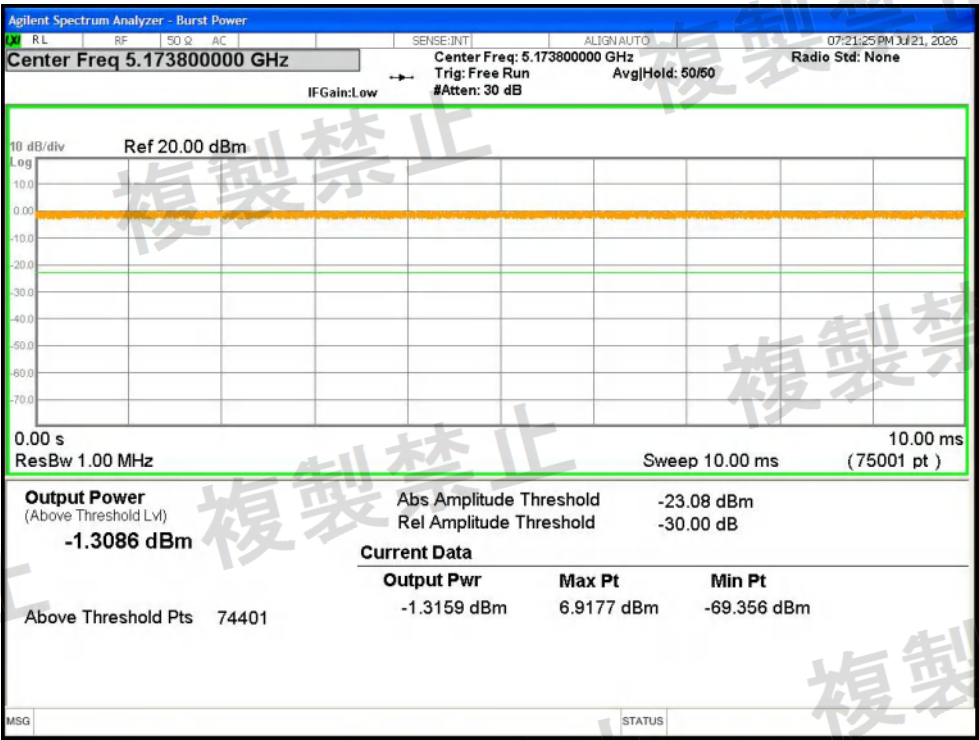
Freq. Error NVNT n40 5230MHz Ant1

2. Antenna Power

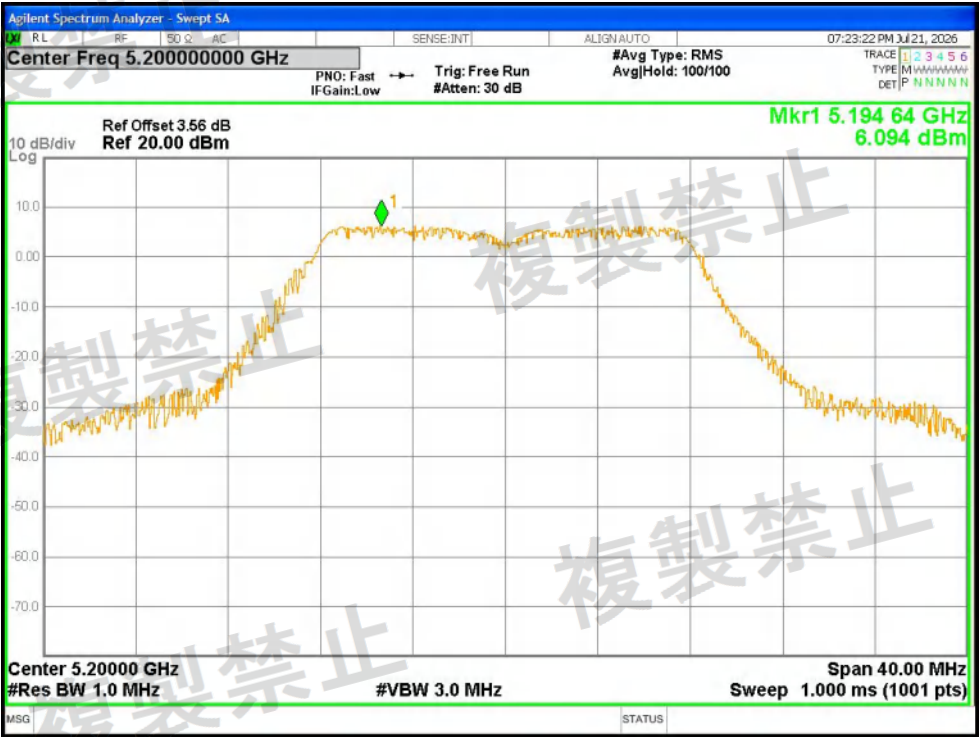
Condition	Mode	Frequency (MHz)	Antenna	Power (dBm/MHz)	Power (mW/MHz)	Limit (mW/MHz)	Declared Power (mW/MHz)	Tolerance (%)	Lower Limit (%)	Upper Limit (%)	Verdict
NVNT	a	5180	Ant1	-1.31	0.74	2	1	-26.04	-80	20	Pass
NVNT	a	5200	Ant1	-1.77	0.665	2	1	-33.47	-80	20	Pass
NVNT	a	5240	Ant1	-1.53	0.703	2	1	-29.69	-80	20	Pass
NVNT	n20	5180	Ant1	-1.39	0.726	2	1	-27.39	-80	20	Pass
NVNT	n20	5200	Ant1	-1.98	0.634	2	1	-36.61	-80	20	Pass
NVNT	n20	5240	Ant1	-2.35	0.582	2	1	-41.79	-80	20	Pass
NVNT	n40	5190	Ant1	-4.44	0.36	1	1	-64.03	-80	20	Pass
NVNT	n40	5230	Ant1	-5.45	0.285	1	1	-71.49	-80	20	Pass
NVNT	ac20	5180	Ant1	-1.4	0.724	2	1	-27.56	-80	20	Pass
NVNT	ac20	5200	Ant1	-1.49	0.71	2	1	-29.04	-80	20	Pass
NVNT	ac20	5240	Ant1	-2.61	0.548	2	1	-45.17	-80	20	Pass
NVNT	ac40	5190	Ant1	-5.56	0.278	1	1	-72.2	-80	20	Pass
NVNT	ac40	5230	Ant1	-6.66	0.216	1	1	-78.42	-80	20	Pass



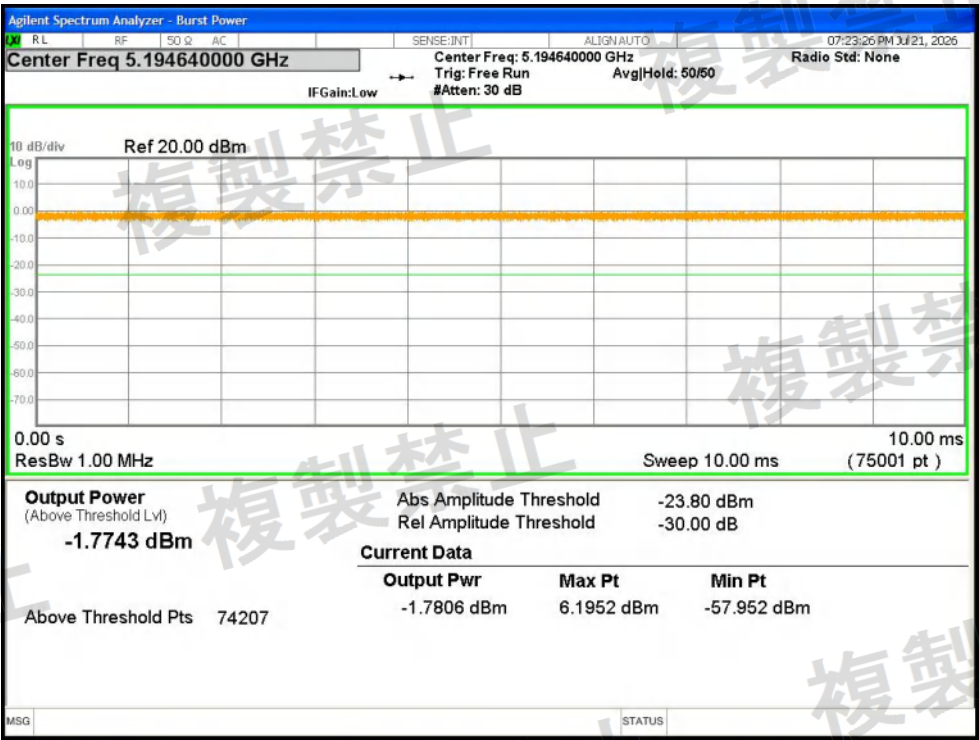
Power NVNT a 5180MHz Ant1 Pre Scan



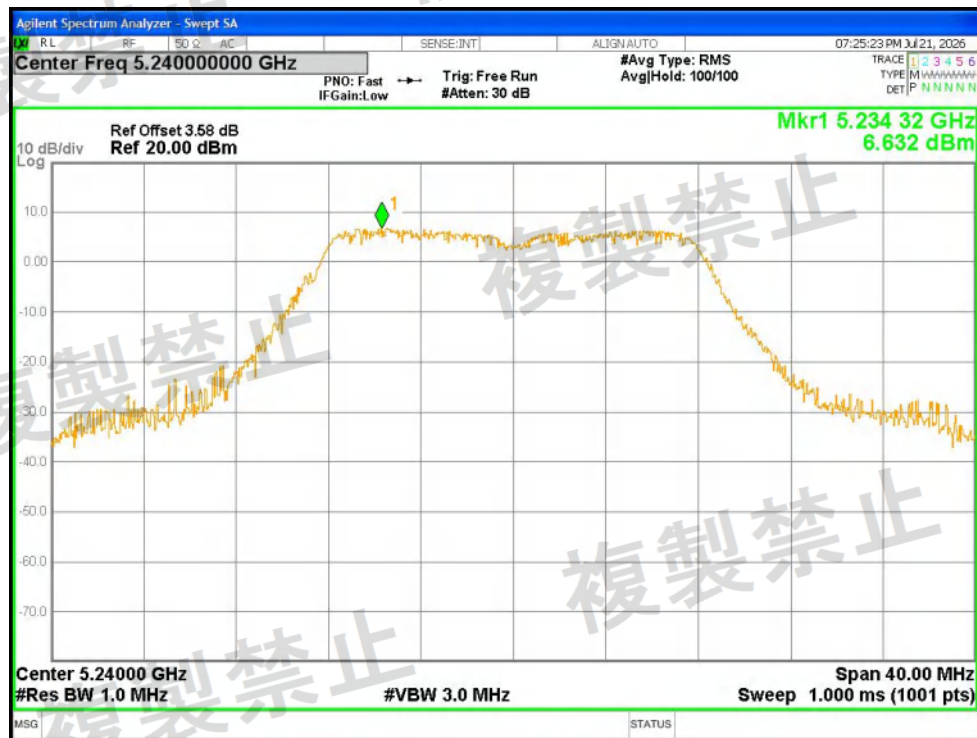
Power NVNT a 5180MHz Ant1 Zero Span



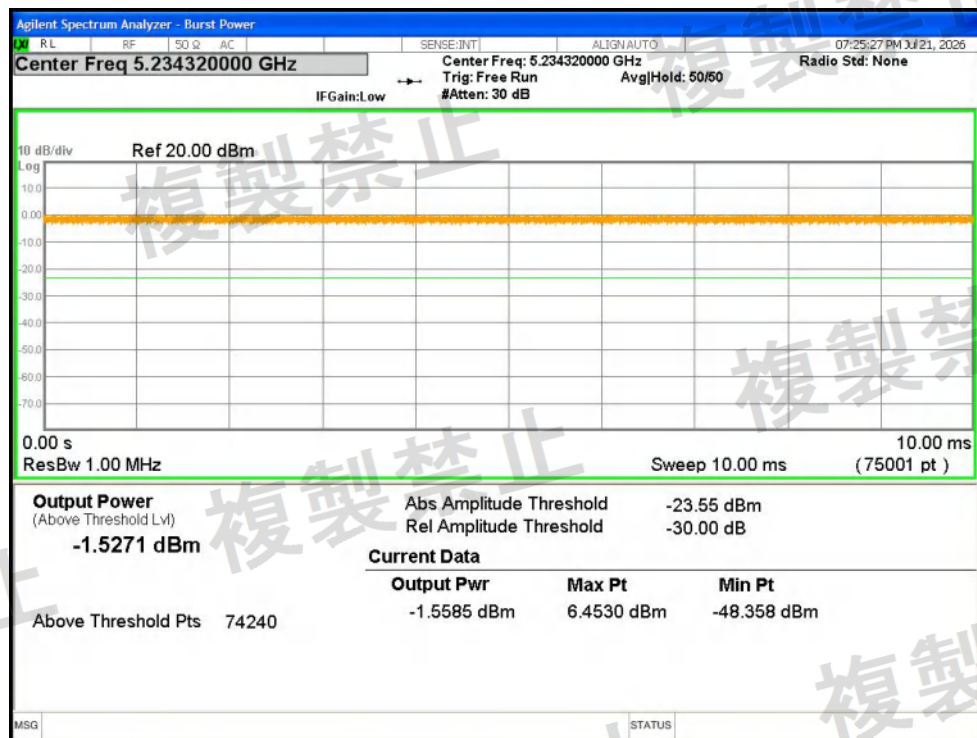
Power NVNT a 5200MHz Ant1 Pre Scan



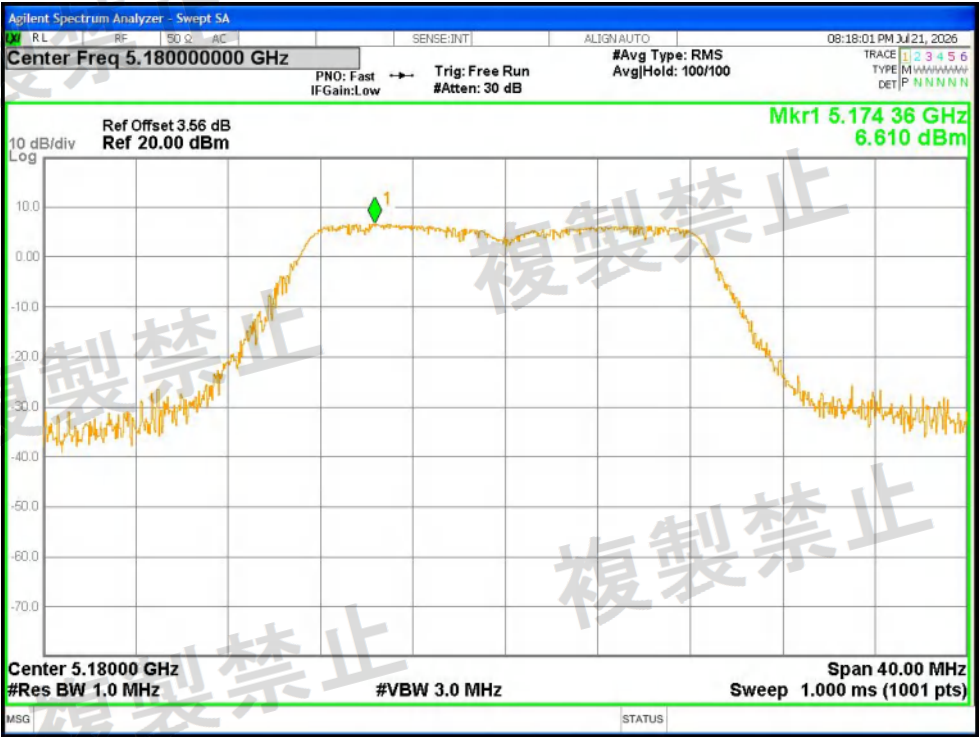
Power NVNT a 5200MHz Ant1 Zero Span



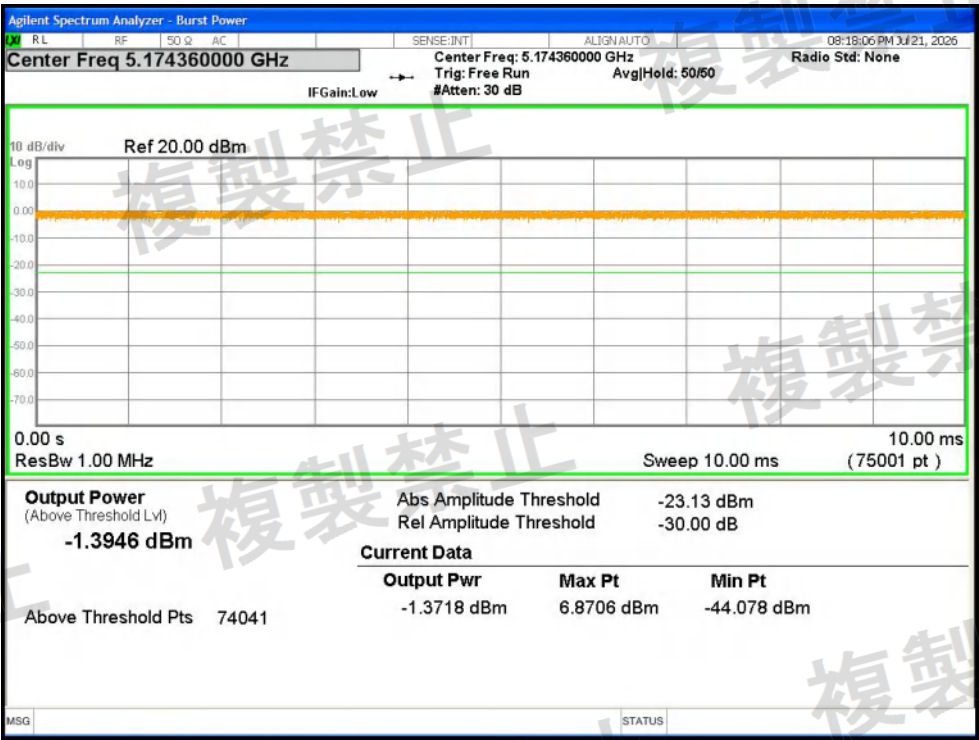
Power NVNT a 5240MHz Ant1 Pre Scan



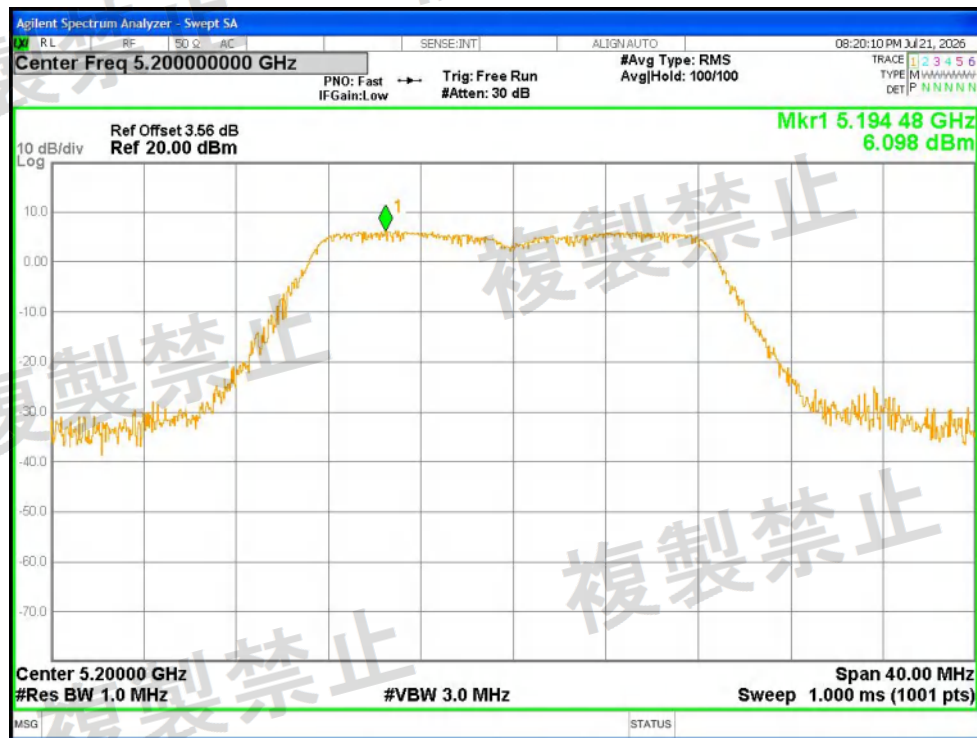
Power NVNT a 5240MHz Ant1 Zero Span



Power NVNT n20 5180MHz Ant1 Pre Scan



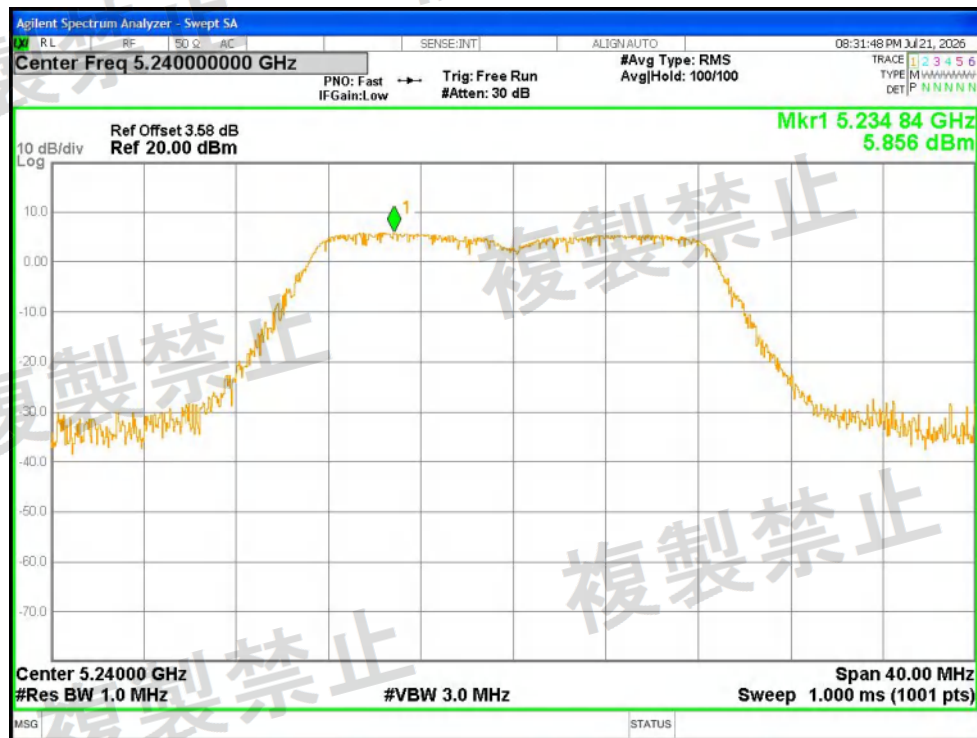
Power NVNT n20 5180MHz Ant1 Zero Span



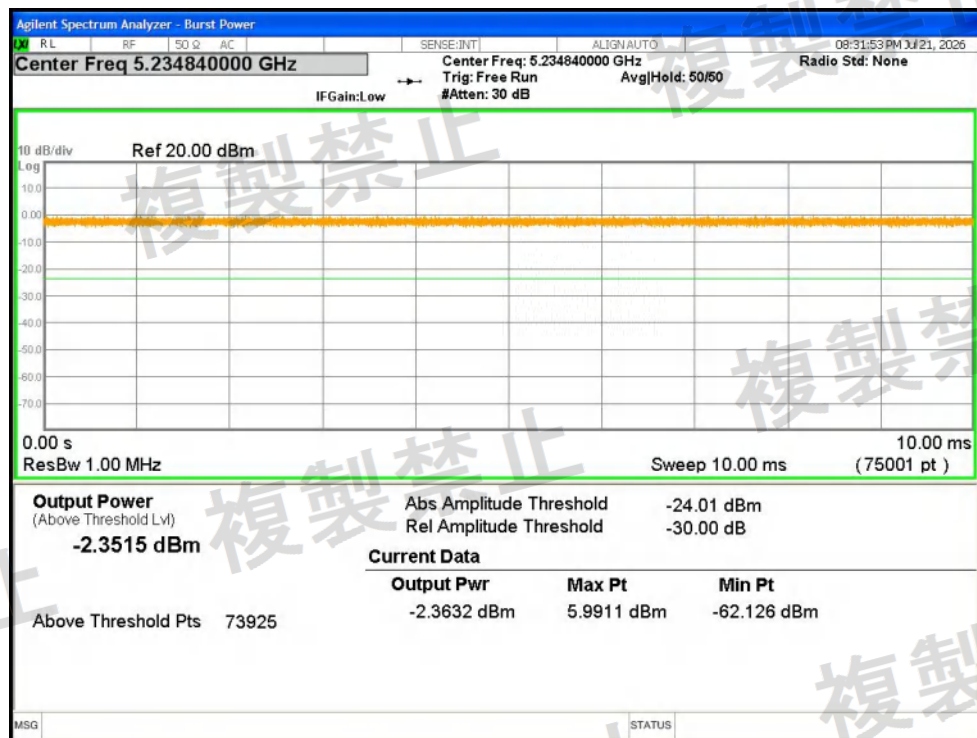
Power NVNT n20 5200MHz Ant1 Pre Scan



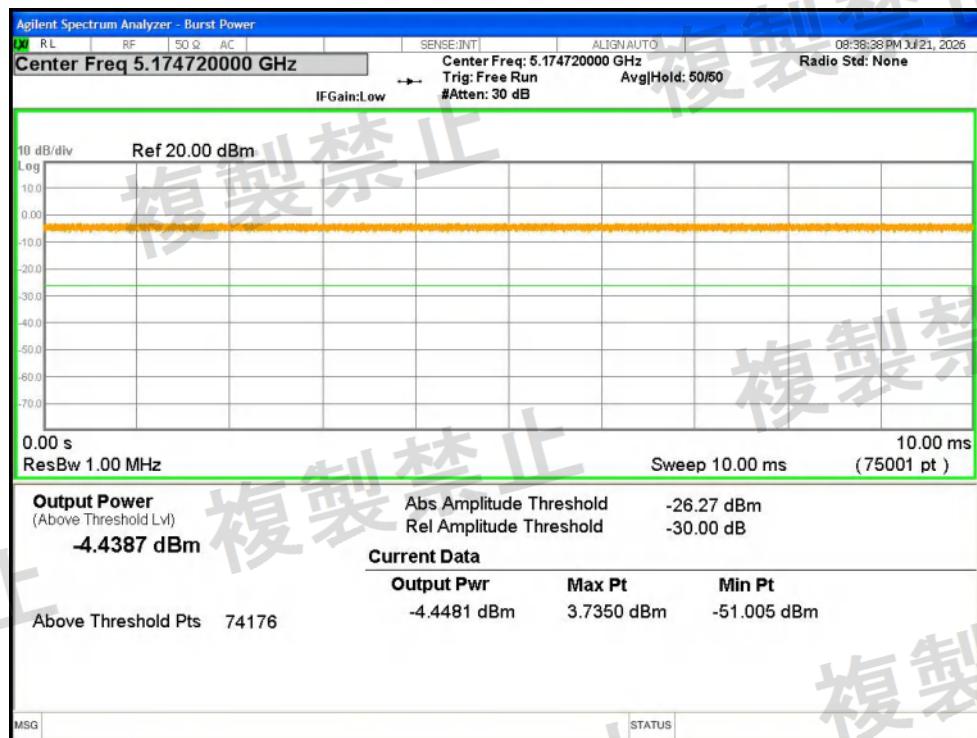
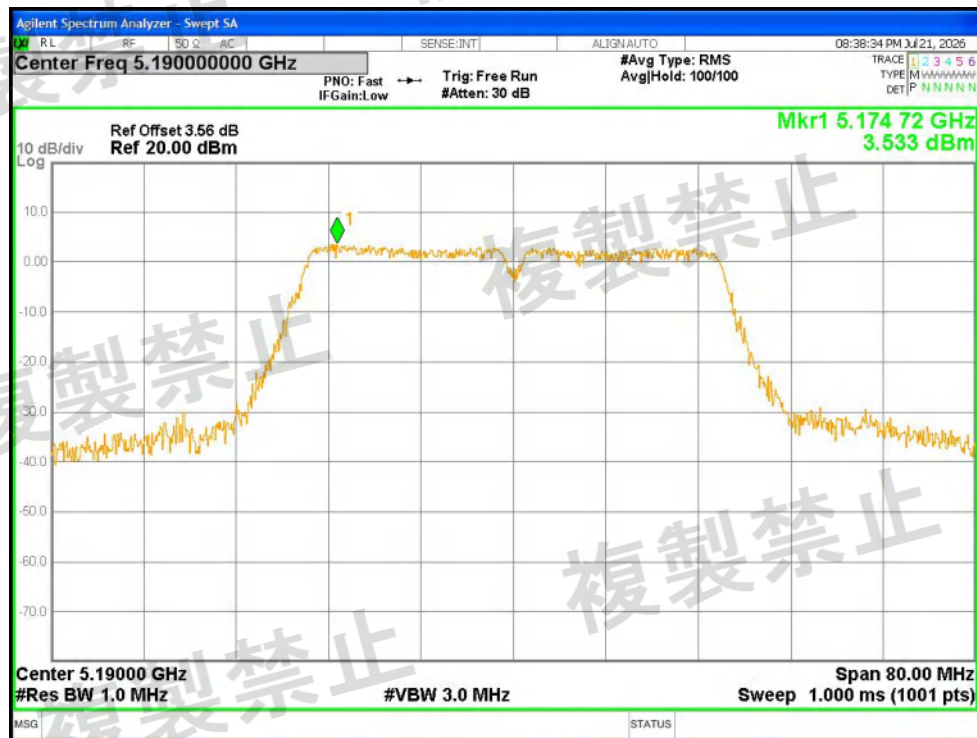
Power NVNT n20 5200MHz Ant1 Zero Span

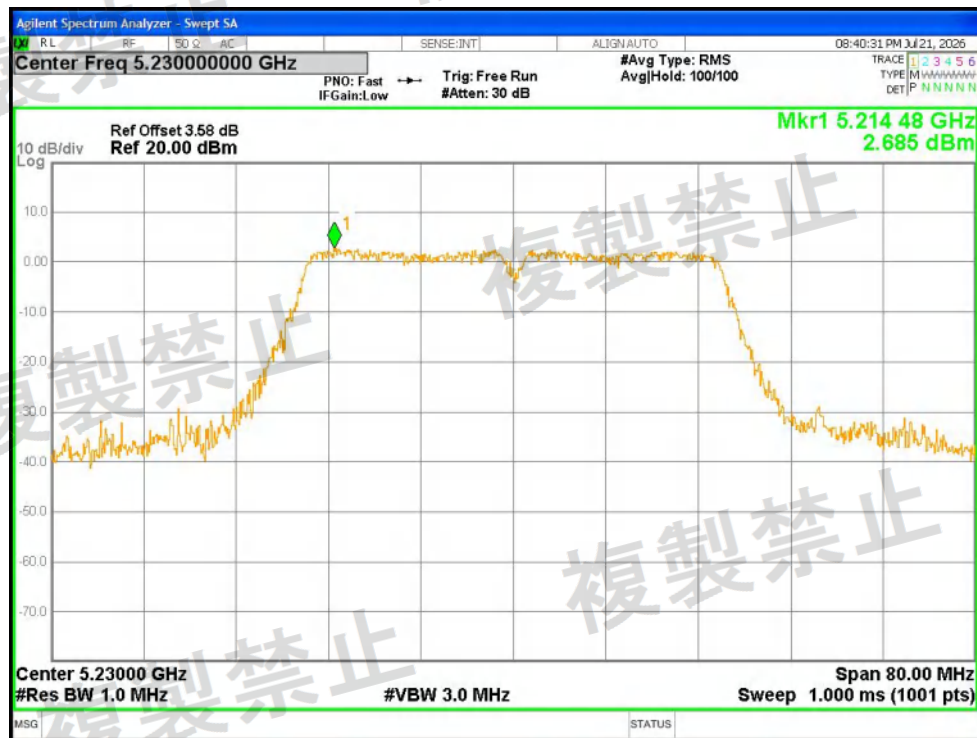


Power NVNT n20 5240MHz Ant1 Pre Scan

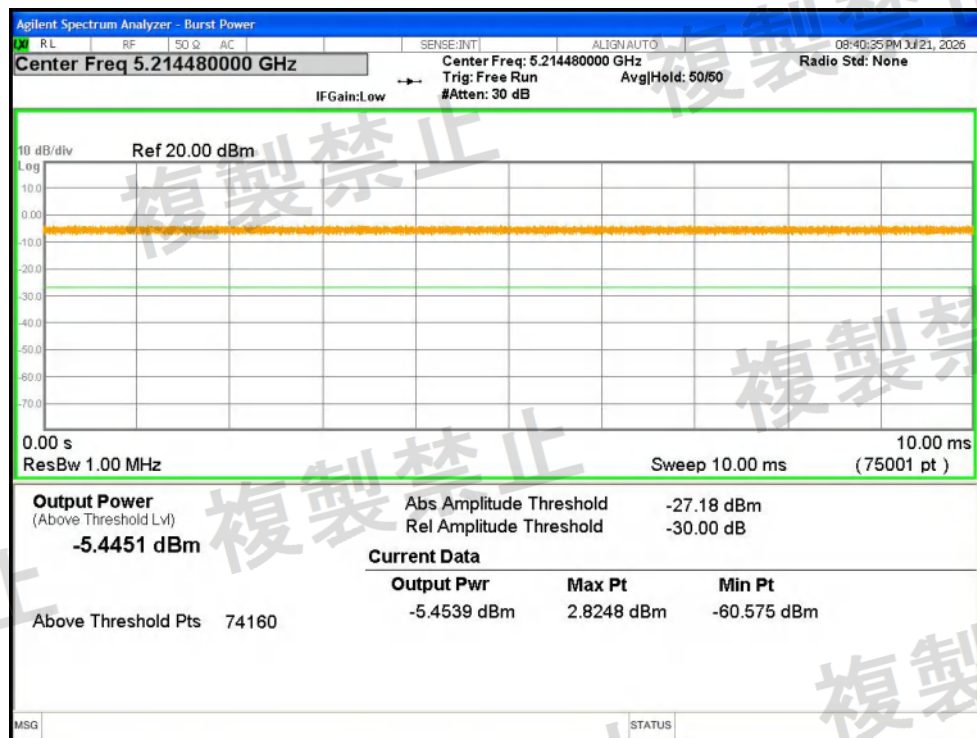


Power NVNT n20 5240MHz Ant1 Zero Span

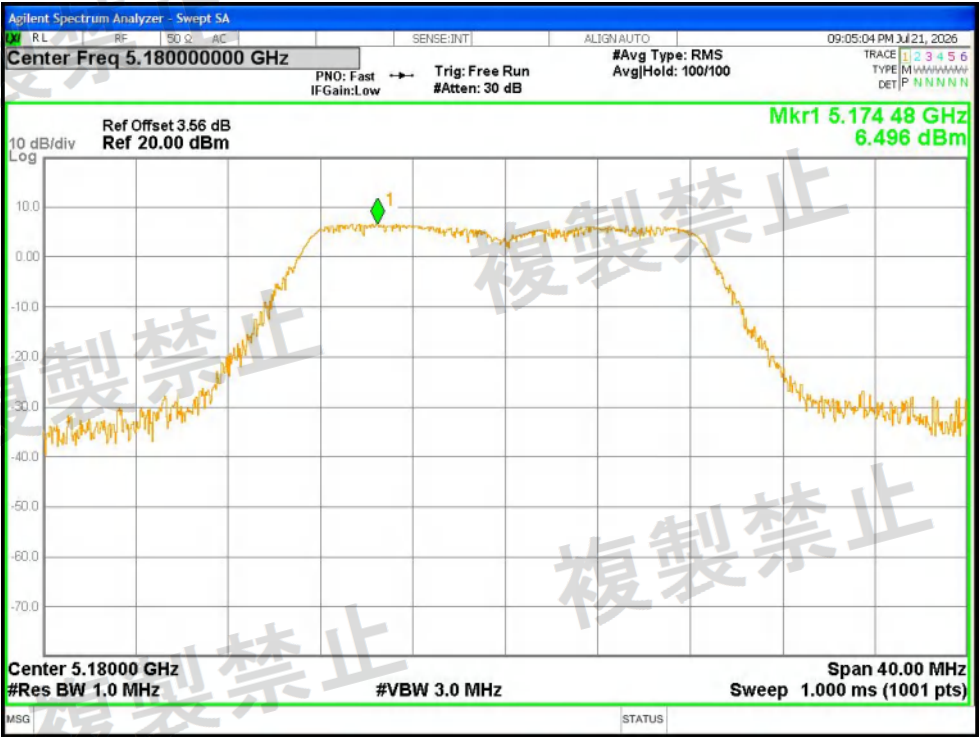




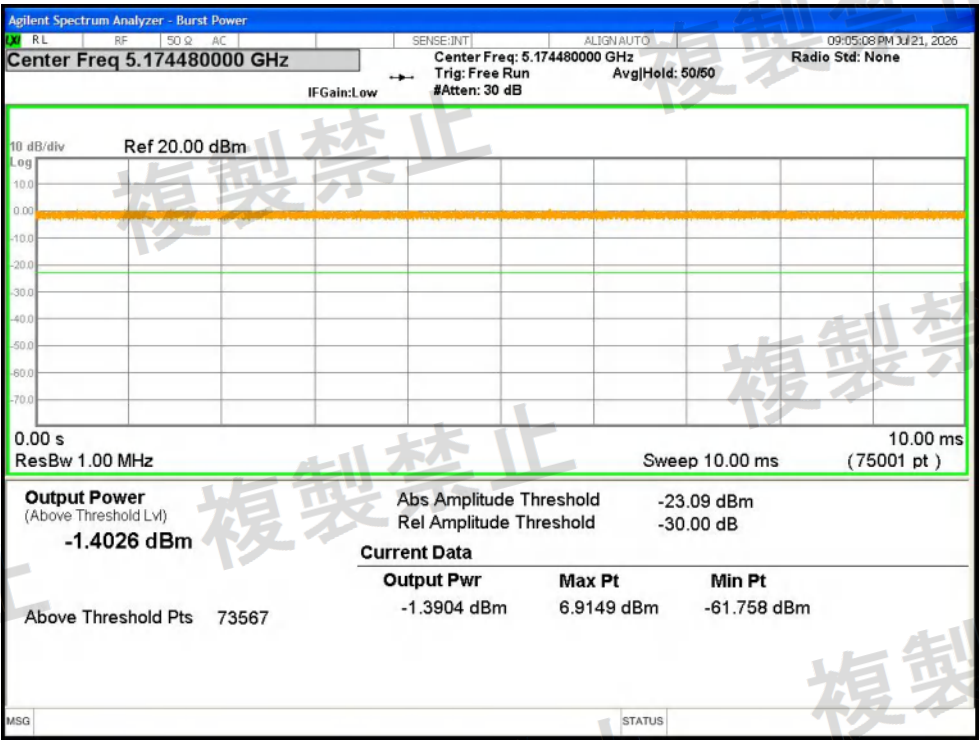
Power NVNT n40 5230MHz Ant1 Pre Scan



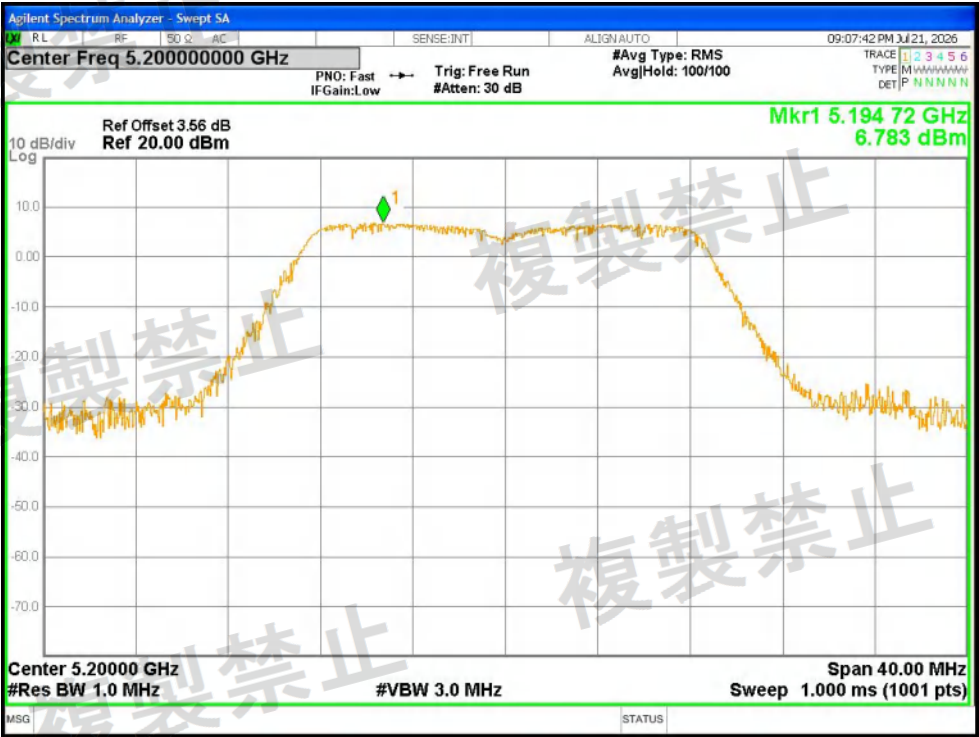
Power NVNT n40 5230MHz Ant1 Zero Span

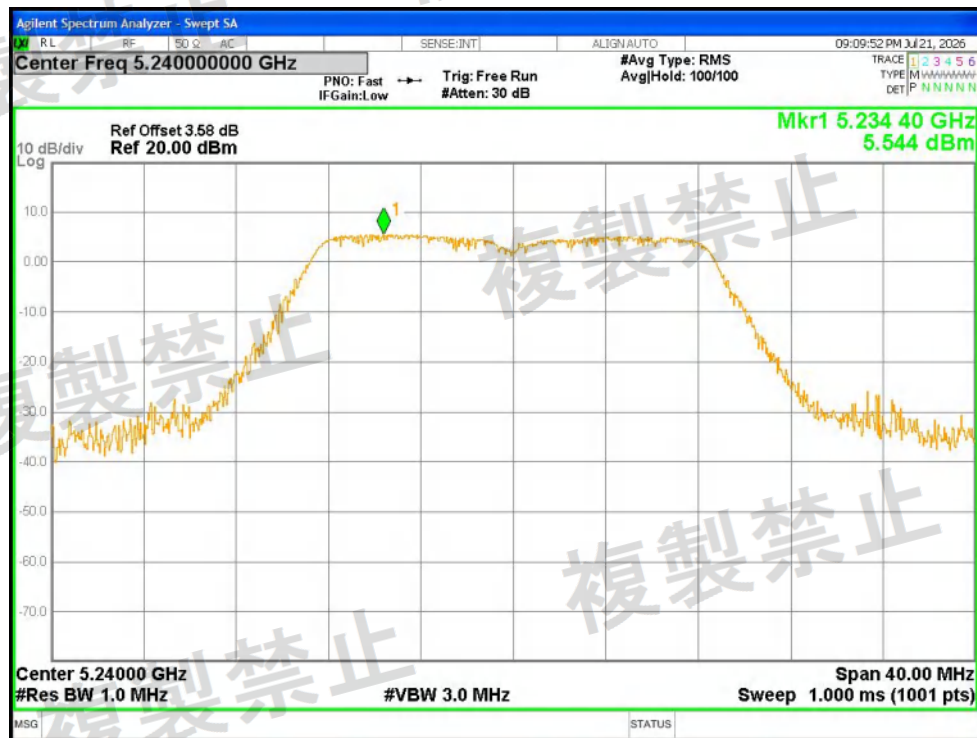


Power NVNT ac20 5180MHz Ant1 Pre Scan

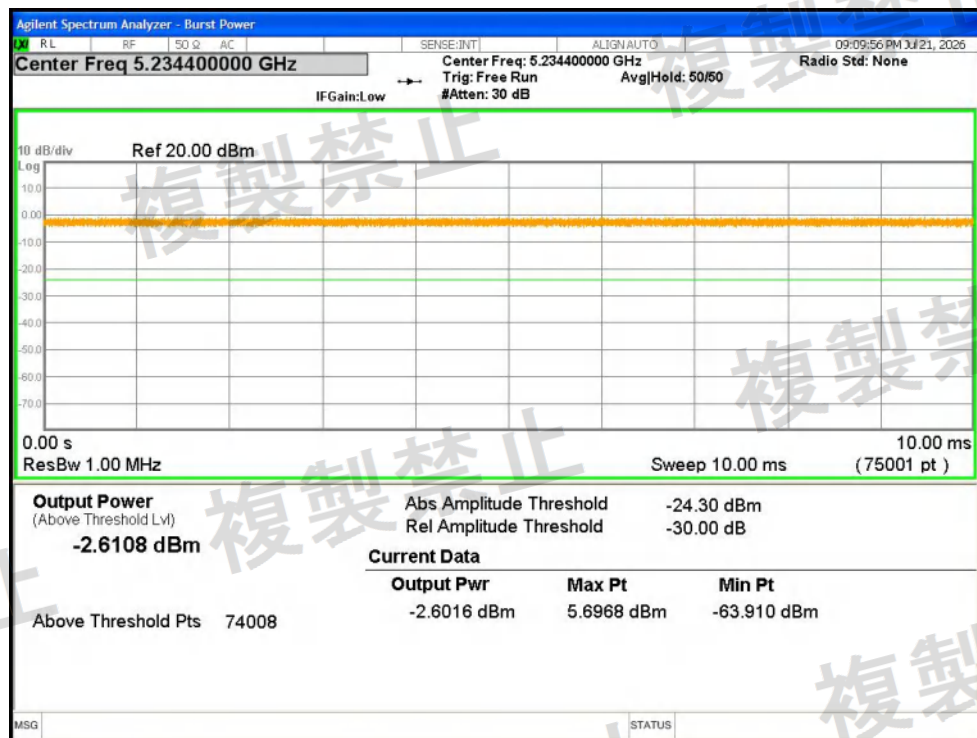


Power NVNT ac20 5180MHz Ant1 Zero Span

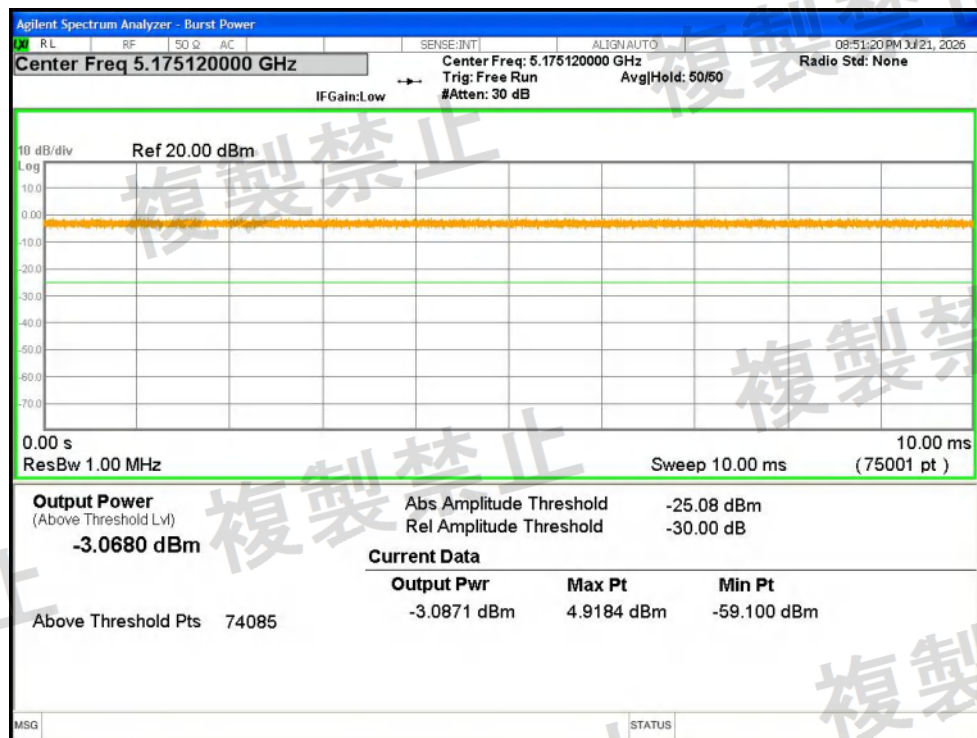
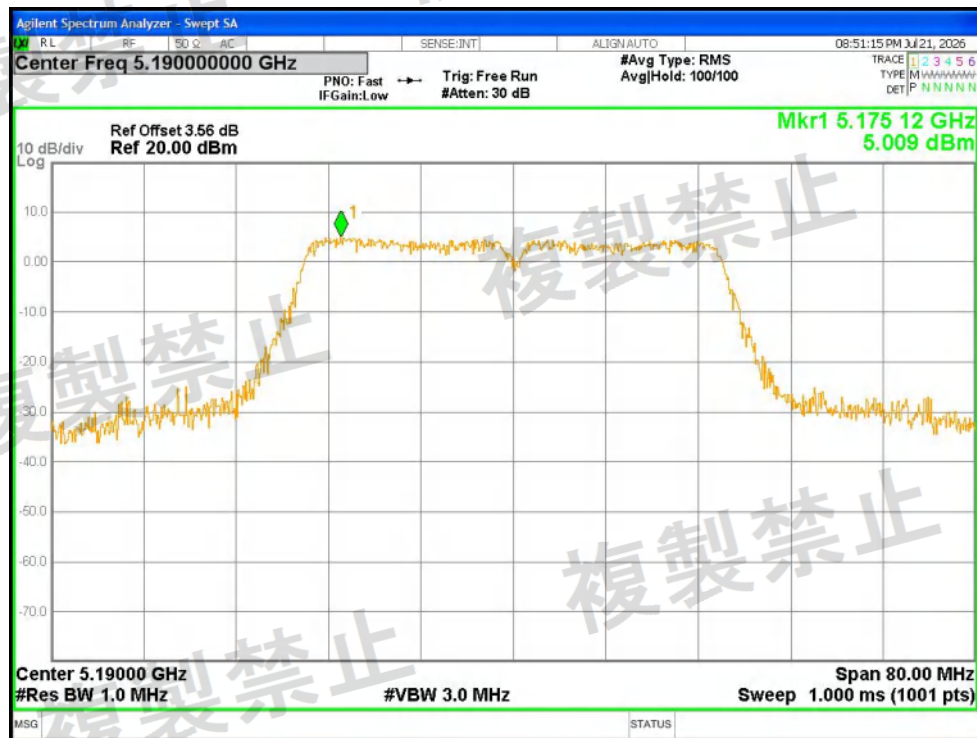


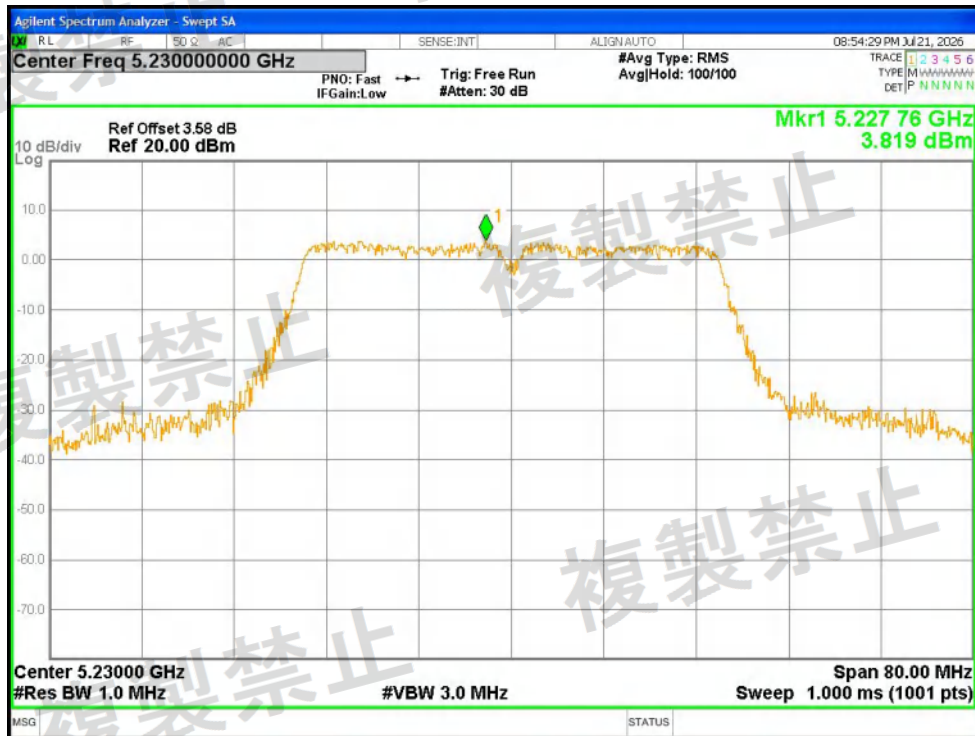


Power NVNT ac20 5240MHz Ant1 Pre Scan

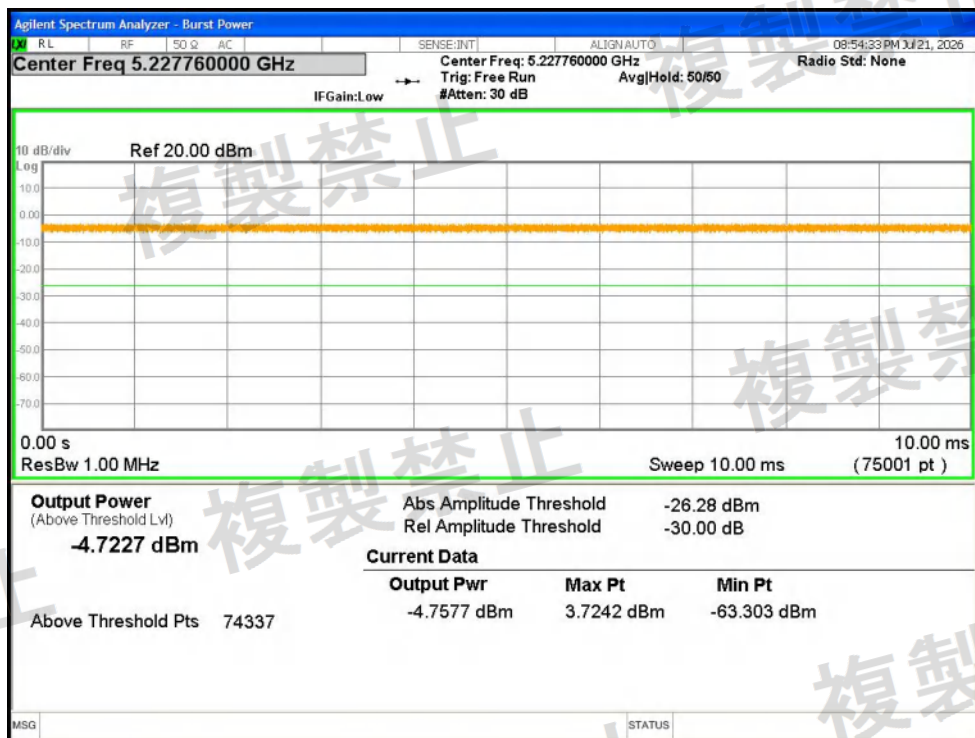


Power NVNT ac20 5240MHz Ant1 Zero Span





Power NVNT ac40 5230MHz Ant1 Pre Scan



Power NVNT ac40 5230MHz Ant1 Zero Span

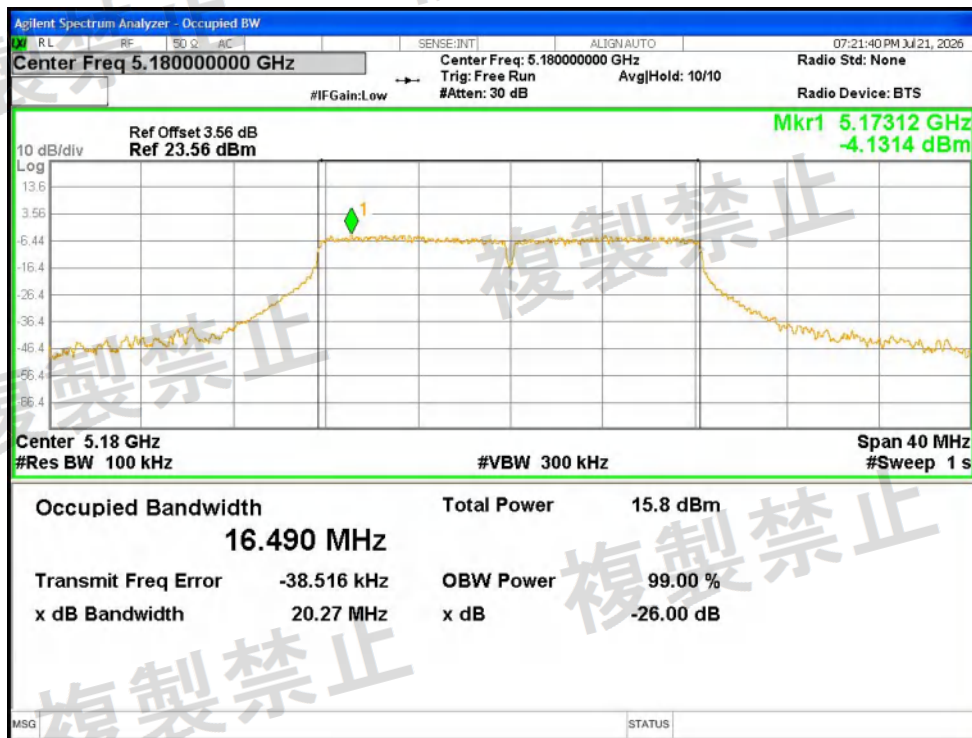
3. EIRP Power

Condition	Mode	Frequency (MHz)	Antenna	Power (dBm/MHz)	Power (mW/MHz)	Gain (dBi)	EIRP (dBm/MHz)	EIRP (mW/MHz)	Limit (mW/MHz)	Verdict
NVNT	a	5180	Ant1	-1.31	0.74	0.67	-0.57	1.41	2	Pass
NVNT	a	5200	Ant1	-1.77	0.665	0.67	-1.105	1.335	2	Pass
NVNT	a	5240	Ant1	-1.53	0.703	0.67	-0.827	1.373	2	Pass
NVNT	n20	5180	Ant1	-1.39	0.726	0.67	-0.664	1.396	2	Pass
NVNT	n20	5200	Ant1	-1.98	0.634	0.67	-1.346	1.304	2	Pass
NVNT	n20	5240	Ant1	-2.35	0.582	0.67	-1.768	1.252	2	Pass
NVNT	n40	5190	Ant1	-4.44	0.36	0.67	-4.08	1.03	1	Pass
NVNT	n40	5230	Ant1	-5.45	0.285	0.67	-5.165	0.955	1	Pass
NVNT	ac20	5180	Ant1	-1.4	0.724	0.67	-0.676	1.394	2	Pass
NVNT	ac20	5200	Ant1	-1.49	0.71	0.67	-0.78	1.38	2	Pass
NVNT	ac20	5240	Ant1	-2.61	0.548	0.67	-2.062	1.218	2	Pass
NVNT	ac40	5190	Ant1	-5.56	0.278	0.67	-4.89	0.32	1	Pass
NVNT	ac40	5230	Ant1	-6.66	0.216	0.67	-5.99	0.25	1	Pass

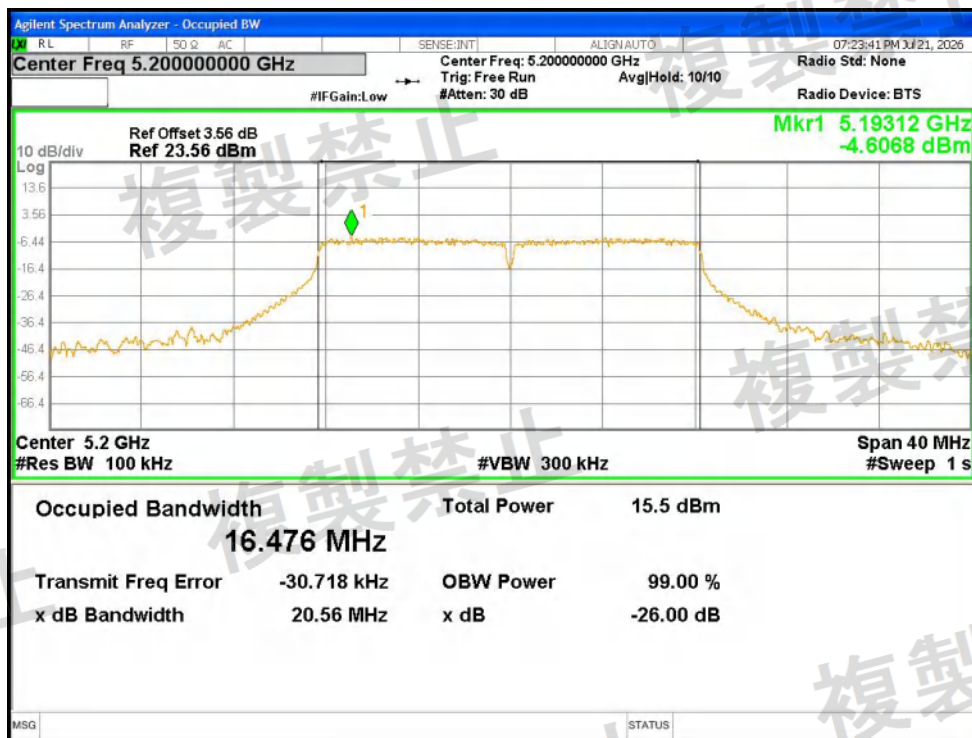
EIRP(dBm/MHz)=Antenna Power Result(dBm/MHz)+Gain

4. Occupied Channel Bandwidth

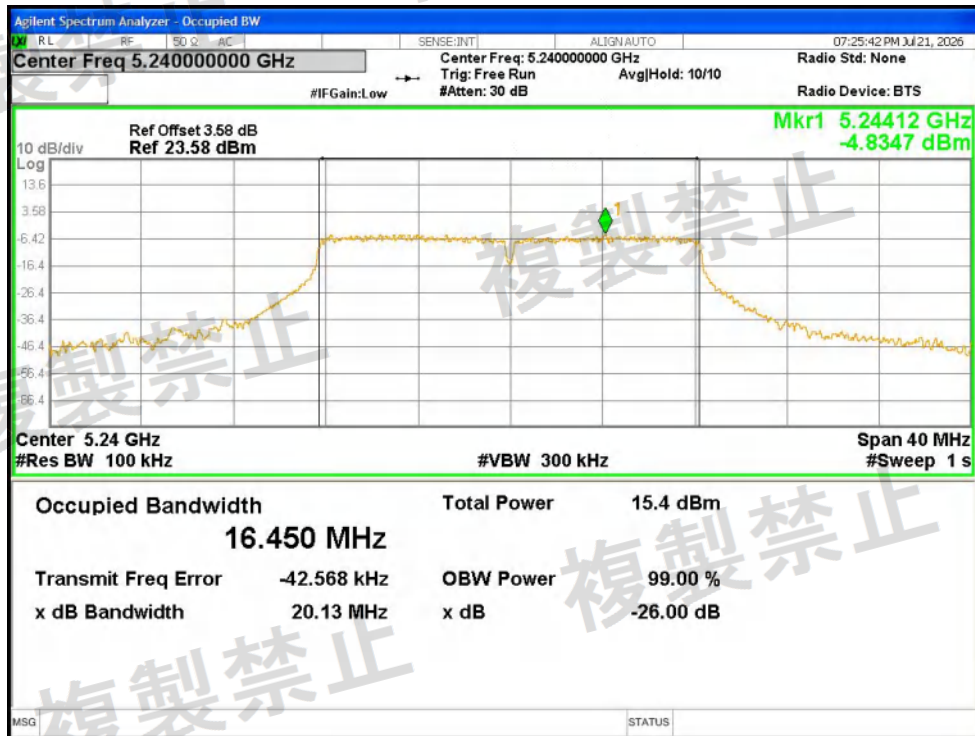
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	Limit (MHz)	Verdict
NVNT	a	5180	Ant1	16.49	20	Pass
NVNT	a	5200	Ant1	16.476	20	Pass
NVNT	a	5240	Ant1	16.45	20	Pass
NVNT	n20	5180	Ant1	17.653	20	Pass
NVNT	n20	5200	Ant1	17.638	20	Pass
NVNT	n20	5240	Ant1	17.653	20	Pass
NVNT	n40	5190	Ant1	36.167	40	Pass
NVNT	n40	5230	Ant1	36.143	40	Pass
NVNT	ac20	5180	Ant1	17.646	20	Pass
NVNT	ac20	5200	Ant1	17.657	20	Pass
NVNT	ac20	5240	Ant1	17.636	20	Pass
NVNT	ac40	5190	Ant1	36.167	40	Pass
NVNT	ac40	5230	Ant1	36.155	40	Pass



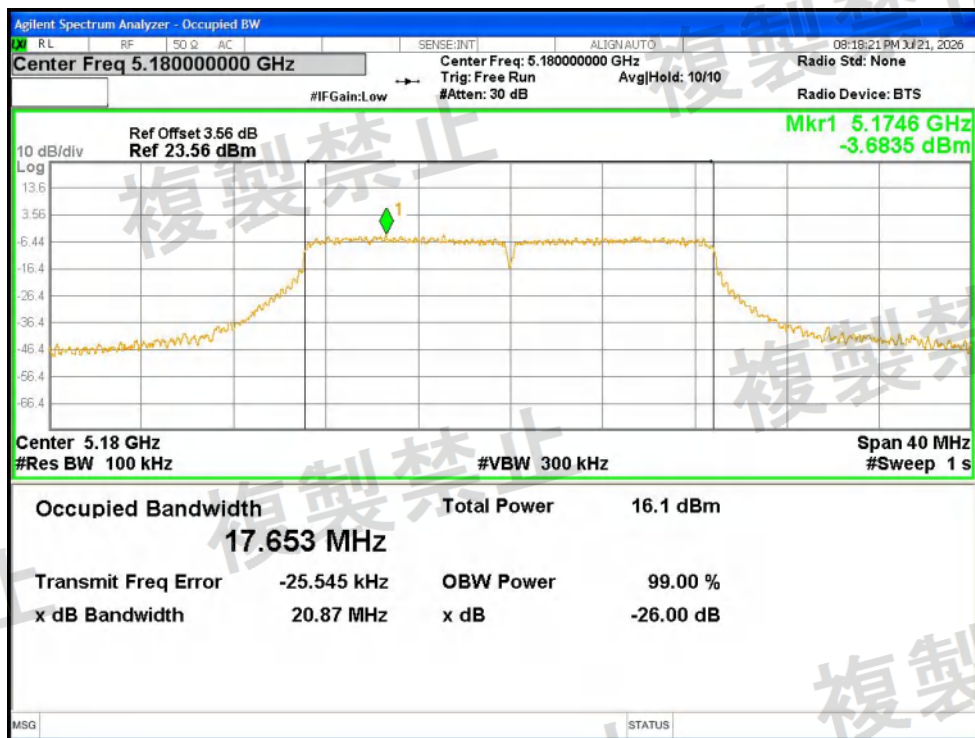
OBW NVNT a 5180MHz Ant1



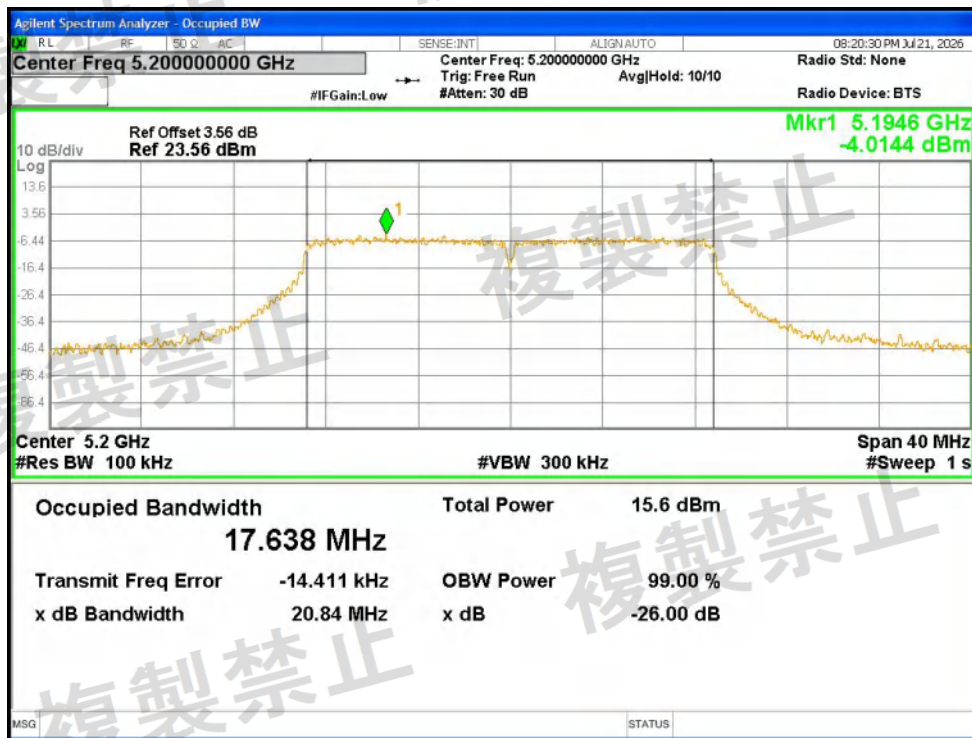
OBW NVNT a 5200MHz Ant1



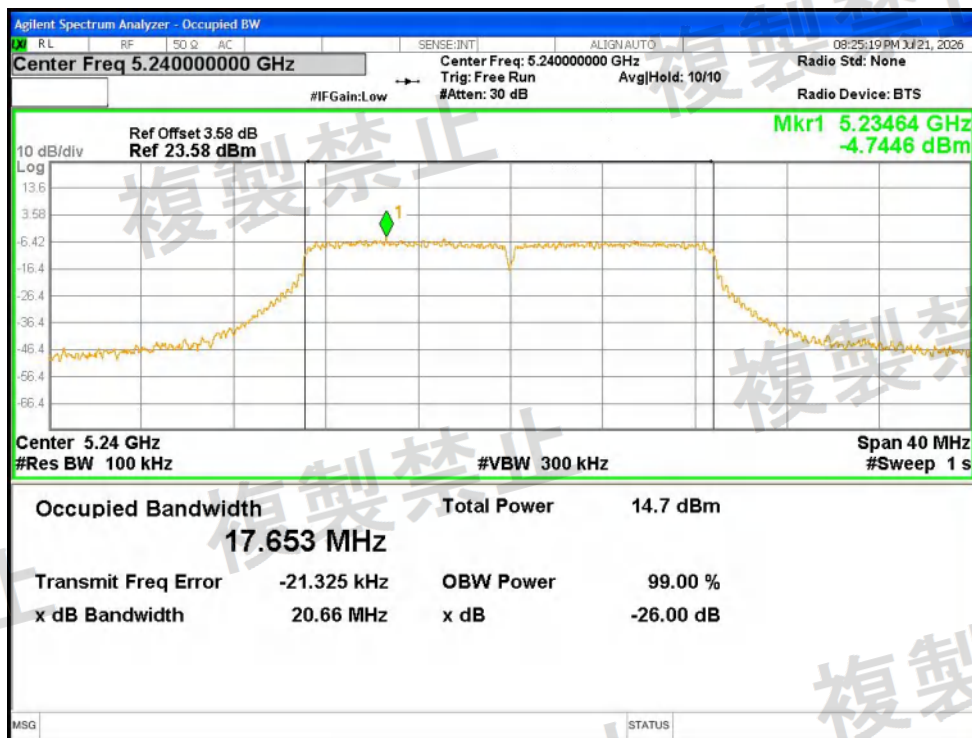
OBW NVNT a 5240MHz Ant1



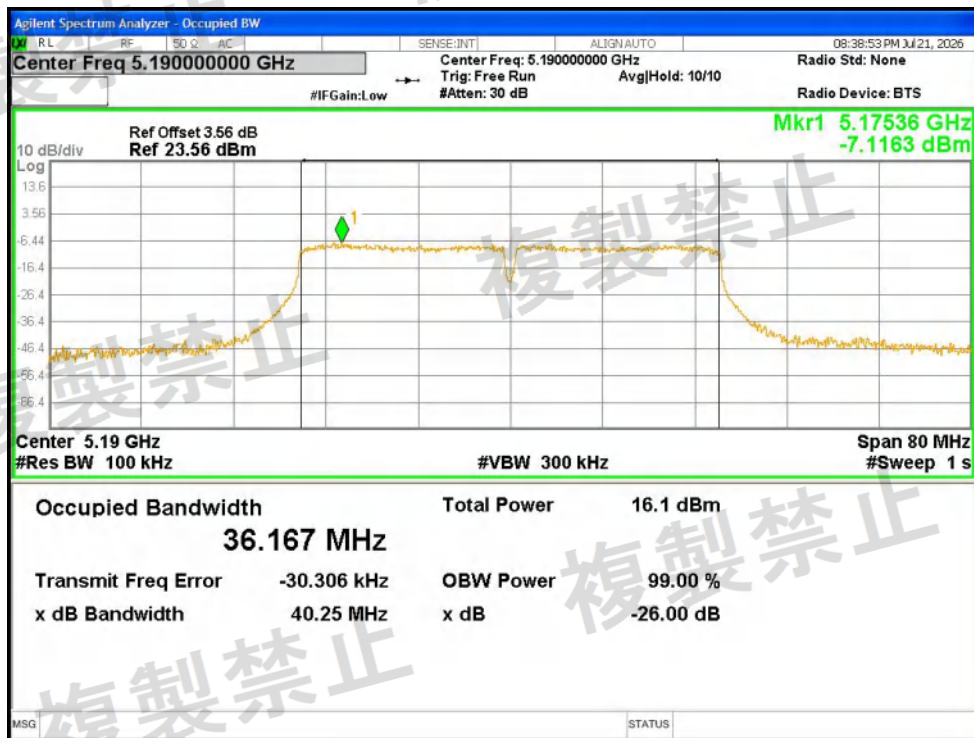
OBW NVNT n20 5180MHz Ant1



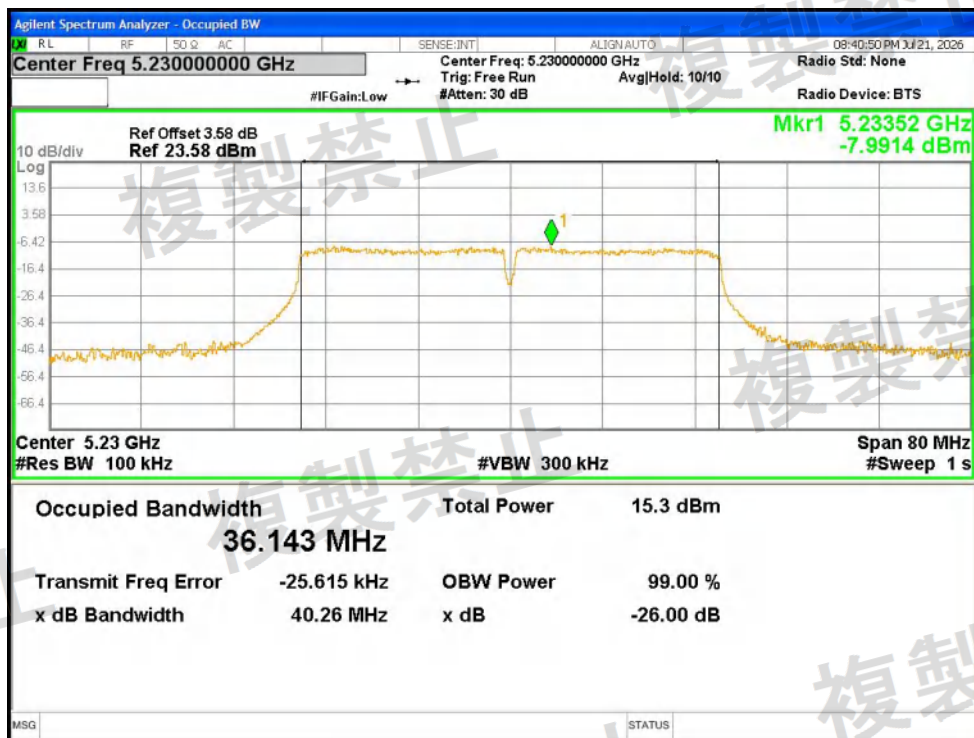
OBW NVNT n20 5200MHz Ant1



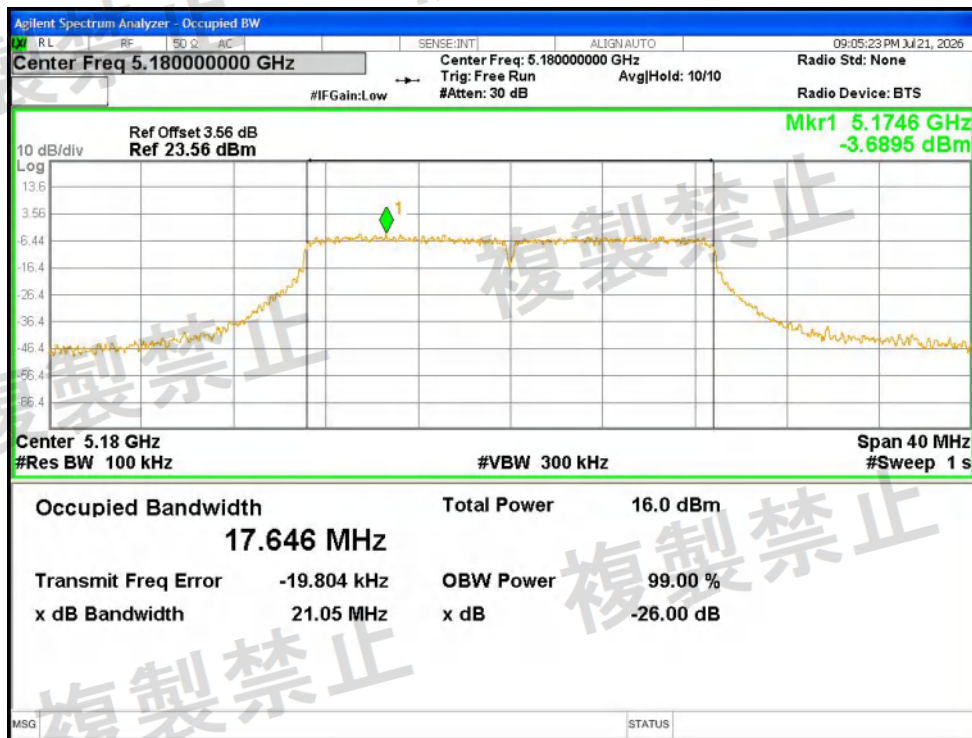
OBW NVNT n20 5240MHz Ant1



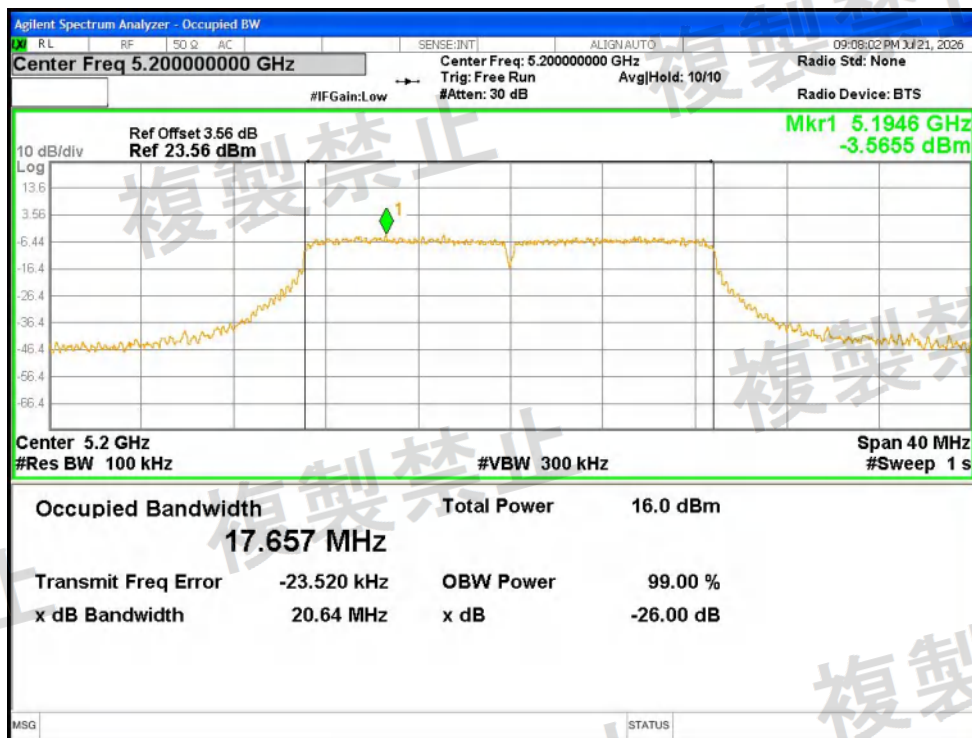
OBW NVNT n40 5190MHz Ant1



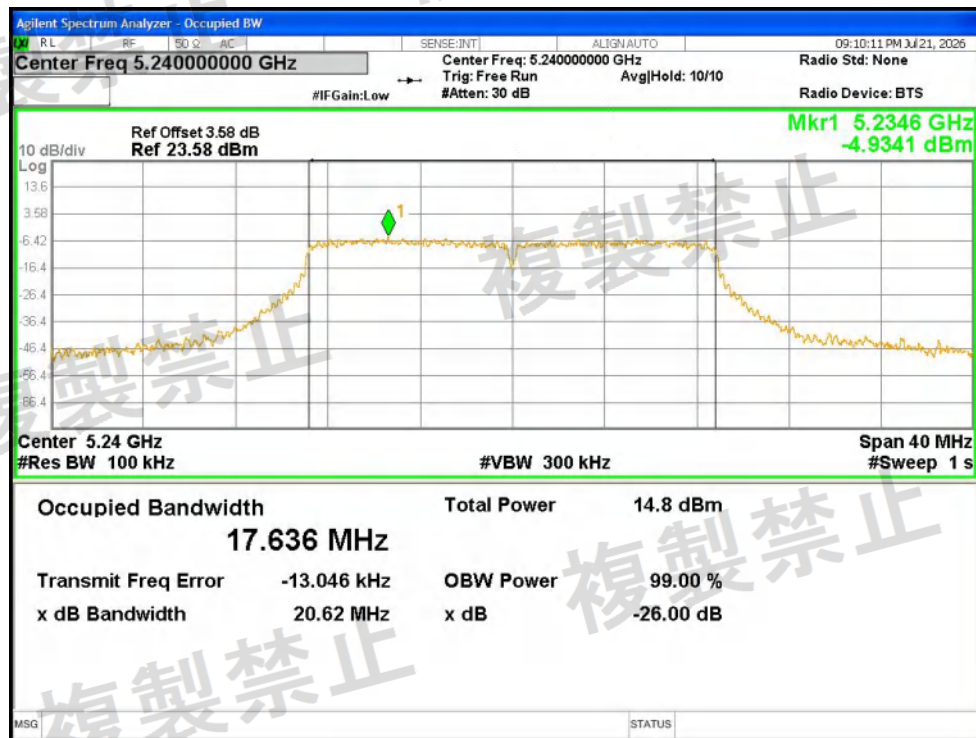
OBW NVNT n40 5230MHz Ant1



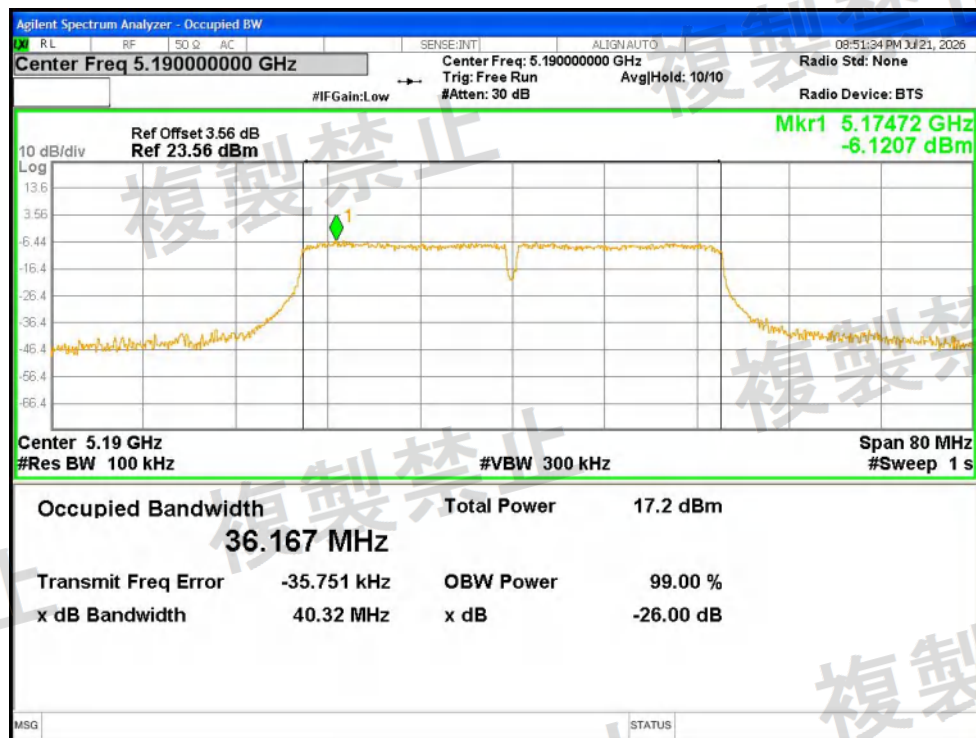
OBW NVNT ac20 5180MHz Ant1



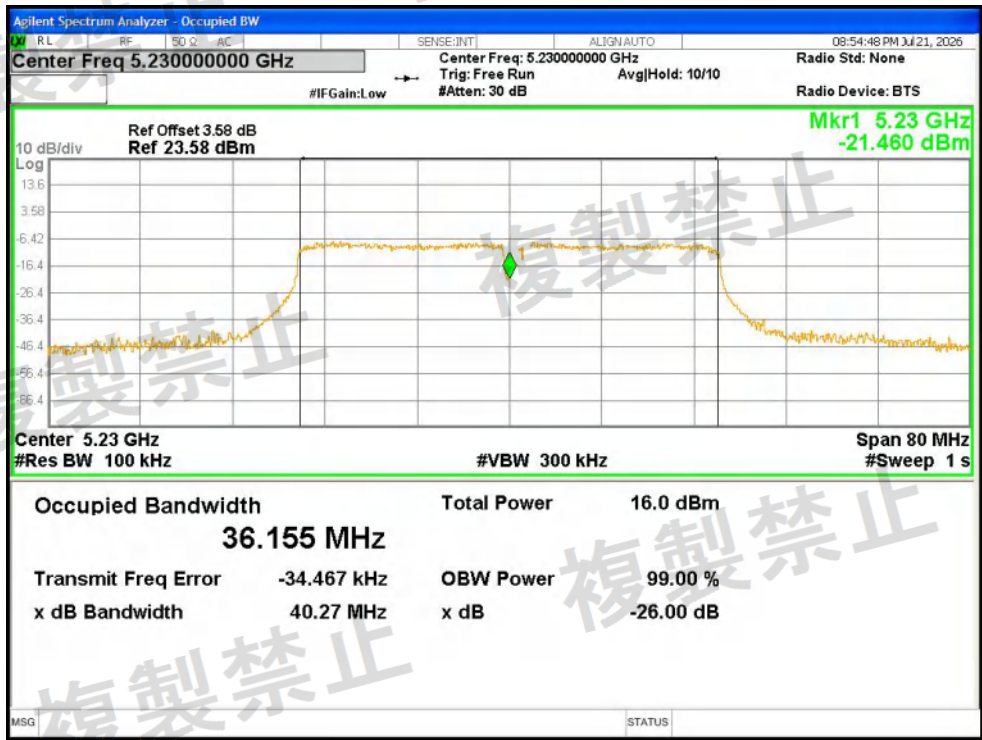
OBW NVNT ac20 5200MHz Ant1



OBW NVNT ac20 5240MHz Ant1



OBW NVNT ac40 5190MHz Ant1



OBW NVNT ac40 5230MHz Ant1

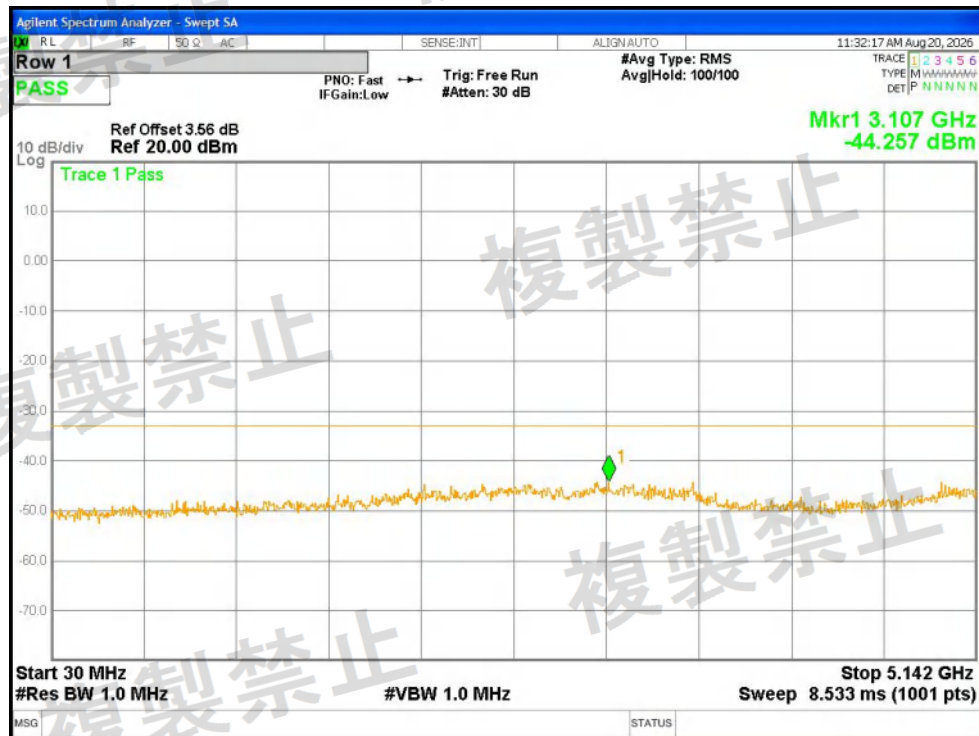
5. Tx Spurious Emission

Mode	Frequency (MHz)	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (uW/MHz)	Max RMS Value (uW/MHz)	Final Value (dBm)	Final Value (uW/MHz)	Limit Start(uW/MHz)	Limit Stop (uW/MHz)	Verdict
a	5180	30-5142	3107.42	-44.25	NA	0.0376	NA	-43.58	0.0439	0.5	0.5	Pass
a	5180	5142-5150	5146.62	-46.34	NA	0.0232	NA	-45.67	0.0271	3	3	Pass
a	5180	5250-5250.2	5250.19	-47.60	NA	0.0174	NA	-46.93	0.0203	430.53	126.18	Pass
a	5180	5250.2-5251	5250.97	-48.01	NA	0.0158	NA	-47.34	0.0185	126.18	20	Pass
a	5180	5251-5260	5259.39	-47.25	NA	0.0188	NA	-46.58	0.0220	20	3	Pass
a	5180	5260-5266.7	5266.12	-47.36	NA	0.0184	NA	-46.69	0.0214	3	0.5	Pass
a	5180	5266.7-26000	25792.67	-34.34	-44.82	0.3681	0.0338	-33.67	0.4295	0.5	0.5	Pass
a	5200	30-5142	3061.42	-43.79	NA	0.0418	NA	-43.12	0.0488	0.5	0.5	Pass
a	5200	5142-5150	5147.90	-46.30	NA	0.0234	NA	-45.63	0.0274	3	3	Pass
a	5200	5250-5250.2	5250.19	-47.64	NA	0.0172	NA	-46.97	0.0201	430.53	126.18	Pass
a	5200	5250.2-5251	5250.95	-47.94	NA	0.0161	NA	-47.27	0.0187	126.18	20	Pass
a	5200	5251-5260	5258.90	-47.14	NA	0.0193	NA	-46.47	0.0225	20	3	Pass
a	5200	5260-5266.7	5266.63	-48.13	NA	0.0154	NA	-47.46	0.0179	3	0.5	Pass
a	5200	5266.7-26000	25937.80	-34.13	-44.1	0.3864	0.0389	-33.46	0.4508	0.5	0.5	Pass
a	5240	30-5142	2667.79	-44.25	NA	0.0376	NA	-43.58	0.0439	0.5	0.5	Pass
a	5240	5142-5150	5149.98	-47.42	NA	0.0181	NA	-46.75	0.0211	3	3	Pass
a	5240	5250-5250.2	5250.20	-47.78	NA	0.0167	NA	-47.11	0.0195	430.53	126.18	Pass
a	5240	5250.2-5251	5250.94	-47.42	NA	0.0181	NA	-46.75	0.0211	126.18	20	Pass
a	5240	5251-5260	5259.96	-47.60	NA	0.0174	NA	-46.93	0.0203	20	3	Pass
a	5240	5260-5266.7	5266.26	-47.85	NA	0.0164	NA	-47.18	0.0191	3	0.5	Pass
a	5240	5266.7-26000	25709.73	-34.03	-45.14	0.3954	0.0306	-33.36	0.4613	0.5	0.5	Pass
n20	5180	30-5142	2468.42	-44.04	NA	0.0394	NA	-43.37	0.0460	0.5	0.5	Pass
n20	5180	5142-5150	5148.90	-46.35	NA	0.0232	NA	-45.68	0.0270	3	3	Pass
n20	5180	5250-5250.2	5250.19	-47.99	NA	0.0159	NA	-47.32	0.0185	430.53	126.18	Pass
n20	5180	5250.2-5251	5250.96	-48.30	NA	0.0148	NA	-47.63	0.0173	126.18	20	Pass
n20	5180	5251-5260	5259.69	-48.41	NA	0.0144	NA	-47.74	0.0168	20	3	Pass
n20	5180	5260-5266.7	5266.12	-47.42	NA	0.0181	NA	-46.75	0.0211	3	0.5	Pass
n20	5180	5266.7-26000	26000.00	-34.25	-43.94	0.3758	0.0404	-33.58	0.4385	0.5	0.5	Pass
n20	5200	30-5142	2637.12	-43.25	NA	0.0473	NA	-42.58	0.0552	0.5	0.5	Pass
n20	5200	5142-5150	5144.80	-47.03	NA	0.0198	NA	-46.36	0.0231	3	3	Pass
n20	5200	5250-5250.2	5250.18	-47.45	NA	0.018	NA	-46.78	0.0210	430.53	126.18	Pass
n20	5200	5250.2-5251	5250.94	-48.37	NA	0.0146	NA	-47.7	0.0170	126.18	20	Pass
n20	5200	5251-5260	5259.77	-48.37	NA	0.0146	NA	-47.7	0.0170	20	3	Pass
n20	5200	5260-5266.7	5265.76	-46.57	NA	0.022	NA	-45.9	0.0257	3	0.5	Pass
n20	5200	5266.7-26000	25771.93	-34.19	-44.91	0.3811	0.0323	-33.52	0.4446	0.5	0.5	Pass
n20	5240	30-5142	3209.66	-44.20	NA	0.038	NA	-43.53	0.0444	0.5	0.5	Pass
n20	5240	5142-5150	5146.64	-46.36	NA	0.0231	NA	-45.69	0.0270	3	3	Pass

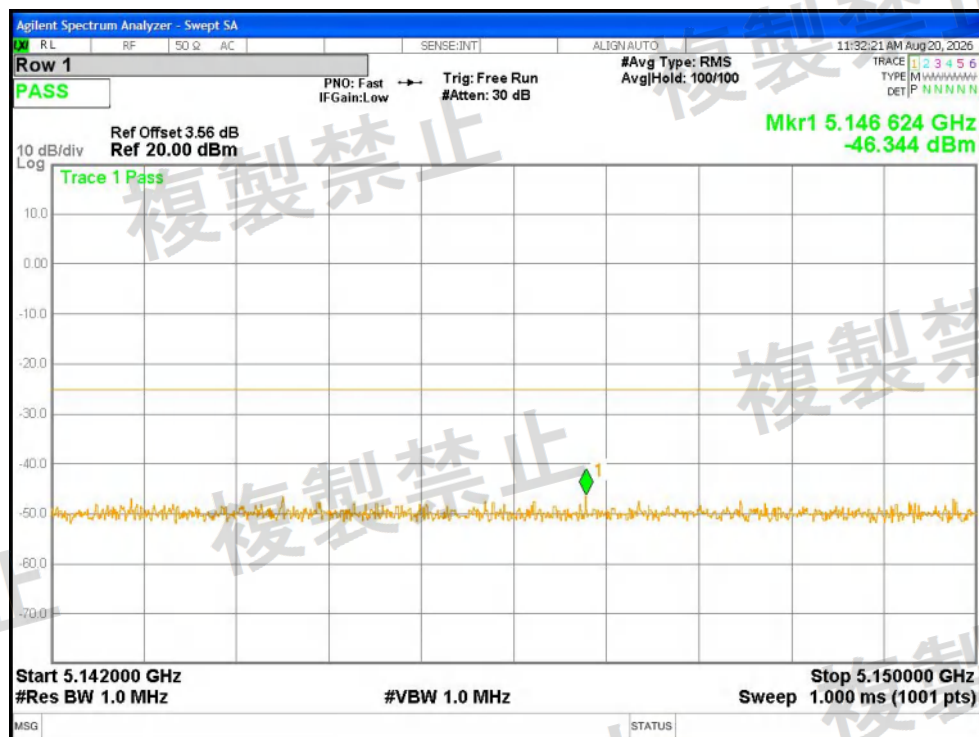
n20	5240	5250-5250.2	5250.20	-47.81	NA	0.0166	NA	-47.14	0.0193	430.53	126.18	Pass
n20	5240	5250.2-5251	5250.93	-47.95	NA	0.016	NA	-47.28	0.0187	126.18	20	Pass
n20	5240	5251-5260	5259.92	-46.80	NA	0.0209	NA	-46.13	0.0244	20	3	Pass
n20	5240	5260-5266.7	5266.30	-48.38	NA	0.0145	NA	-47.71	0.0169	3	0.5	Pass
n20	5240	5266.7-26000	26000.00	-34.27	-44.11	0.3741	0.0388	-33.6	0.4365	0.5	0.5	Pass
n40	5190	30-5141.6	2417.12	-44.14	NA	0.0385	NA	-43.47	0.0450	0.5	0.5	Pass
n40	5190	5141.6-5150	5142.22	-46.75	NA	0.0211	NA	-46.08	0.0247	3	3	Pass
n40	5190	5250-5251	5250.97	-48.57	NA	0.0139	NA	-47.9	0.0162	100	10	Pass
n40	5190	5251-5270	5269.34	-47.71	NA	0.0169	NA	-47.04	0.0198	10	1.6	Pass
n40	5190	5270-5278.4	5278.38	-48.13	NA	0.0154	NA	-47.46	0.0179	1.6	0.5	Pass
n40	5190	5278.4-26000	25854.95	-34.12	-44.59	0.3873	0.0348	-33.45	0.4519	0.5	0.5	Pass
n40	5230	30-5141.6	3342.32	-43.68	NA	0.0429	NA	-43.01	0.0500	0.5	0.5	Pass
n40	5230	5141.6-5150	5146.24	-47.10	NA	0.0195	NA	-46.43	0.0228	3	3	Pass
n40	5230	5250-5251	5250.99	-48.35	NA	0.0146	NA	-47.68	0.0171	100	10	Pass
n40	5230	5251-5270	5269.70	-47.97	NA	0.016	NA	-47.3	0.0186	10	1.6	Pass
n40	5230	5270-5278.4	5278.21	-47.84	NA	0.0164	NA	-47.17	0.0192	1.6	0.5	Pass
n40	5230	5278.4-26000	25958.56	-33.97	-44.21	0.4009	0.0379	-33.3	0.4677	0.5	0.5	Pass
ac20	5180	30-5142	3572.62	-44.38	NA	0.0365	NA	-43.71	0.0426	0.5	0.5	Pass
ac20	5180	5142-5150	5149.51	-47.25	NA	0.0188	NA	-46.58	0.0220	3	3	Pass
ac20	5180	5250-5250.2	5250.20	-47.51	NA	0.0177	NA	-46.84	0.0207	430.53	126.18	Pass
ac20	5180	5250.2-5251	5250.87	-47.39	NA	0.0182	NA	-46.72	0.0213	126.18	20	Pass
ac20	5180	5251-5260	5259.74	-46.10	NA	0.0245	NA	-45.43	0.0286	20	3	Pass
ac20	5180	5260-5266.7	5266.51	-47.79	NA	0.0166	NA	-47.12	0.0194	3	0.5	Pass
ac20	5180	5266.7-26000	25834.13	-34.20	-44.65	0.3802	0.0343	-33.53	0.4436	0.5	0.5	Pass
ac20	5200	30-5142	2488.87	-43.58	NA	0.0439	NA	-42.91	0.0512	0.5	0.5	Pass
ac20	5200	5142-5150	5145.06	-47.21	NA	0.019	NA	-46.54	0.0222	3	3	Pass
ac20	5200	5250-5250.2	5250.19	-47.19	NA	0.0191	NA	-46.52	0.0223	430.53	126.18	Pass
ac20	5200	5250.2-5251	5250.95	-47.49	NA	0.0178	NA	-46.82	0.0208	126.18	20	Pass
ac20	5200	5251-5260	5258.96	-46.39	NA	0.023	NA	-45.72	0.0268	20	3	Pass
ac20	5200	5260-5266.7	5266.41	-47.68	NA	0.0171	NA	-47.01	0.0199	3	0.5	Pass
ac20	5200	5266.7-26000	26000.00	-34.01	-44.03	0.3972	0.0395	-33.34	0.4634	0.5	0.5	Pass
ac20	5240	30-5142	3214.78	-43.85	NA	0.0412	NA	-43.18	0.0481	0.5	0.5	Pass
ac20	5240	5142-5150	5143.17	-46.88	NA	0.0205	NA	-46.21	0.0239	3	3	Pass
ac20	5240	5250-5250.2	5250.20	-47.09	NA	0.0195	NA	-46.42	0.0228	430.53	126.18	Pass
ac20	5240	5250.2-5251	5250.99	-46.96	NA	0.0201	NA	-46.29	0.0235	126.18	20	Pass
ac20	5240	5251-5260	5259.72	-47.32	NA	0.0185	NA	-46.65	0.0216	20	3	Pass
ac20	5240	5260-5266.7	5266.43	-47.52	NA	0.0177	NA	-46.85	0.0207	3	0.5	Pass
ac20	5240	5266.7-26000	25937.80	-34.26	-44.42	0.375	0.0361	-33.59	0.4375	0.5	0.5	Pass
ac40	5190	30-5141.6	3117.41	-44.32	NA	0.037	NA	-43.65	0.0432	0.5	0.5	Pass
ac40	5190	5141.6-5150	5142.15	-46.80	NA	0.0209	NA	-46.13	0.0244	3	3	Pass
ac40	5190	5250-5251	5250.99	-48.24	NA	0.015	NA	-47.57	0.0175	100	10	Pass
ac40	5190	5251-5270	5269.83	-48.02	NA	0.0158	NA	-47.35	0.0184	10	1.6	Pass
ac40	5190	5270-5278.4	5277.86	-46.56	NA	0.0221	NA	-45.89	0.0258	1.6	0.5	Pass
ac40	5190	5278.4-26000	25896.39	-33.95	-44.47	0.4027	NA	-33.28	0.4699	0.5	0.5	Pass

ac40	5230	30-5141.6	5064.93	-44.05	NA	0.0394	NA	-43.38	0.0459	0.5	0.5	Pass
ac40	5230	5141.6-5150	5146.84	-47.45	NA	0.018	NA	-46.78	0.0210	3	3	Pass
ac40	5230	5250-5251	5250.97	-48.55	NA	0.014	NA	-47.88	0.0163	100	10	Pass
ac40	5230	5251-5270	5270.00	-46.50	NA	0.0224	NA	-45.83	0.0261	10	1.6	Pass
ac40	5230	5270-5278.4	5278.26	-47.95	NA	0.016	NA	-47.28	0.0187	1.6	0.5	Pass
ac40	5230	5278.4-26000	5937.84	-34.23	-44.23	0.3776	NA	-33.56	0.4406	0.5	0.5	Pass

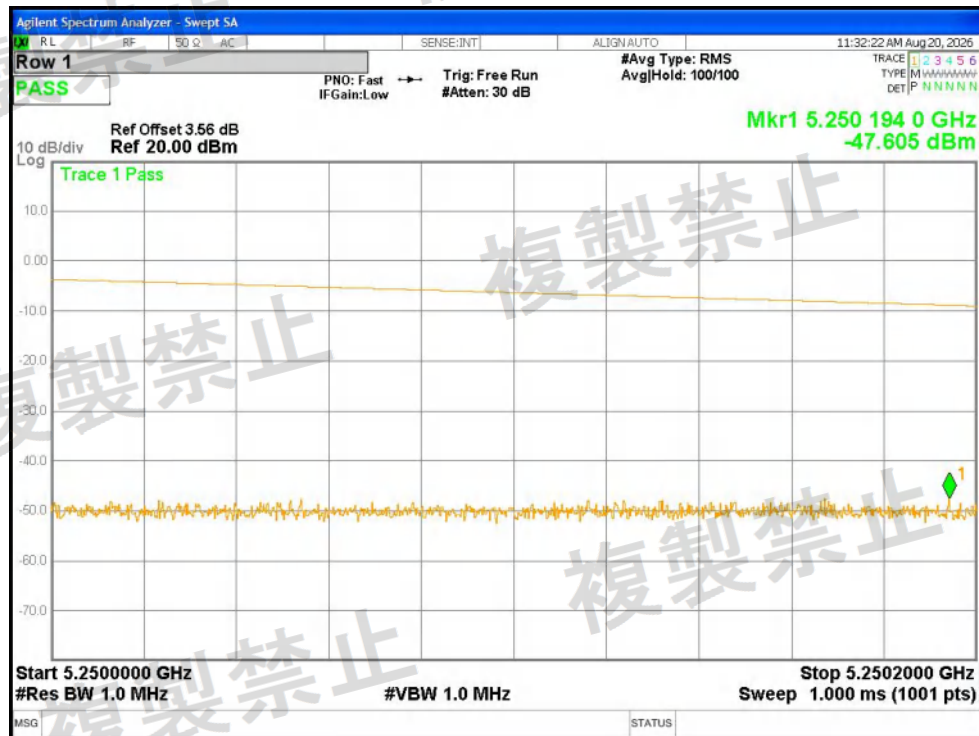
Final Value=Max Peak Value+antenna gain



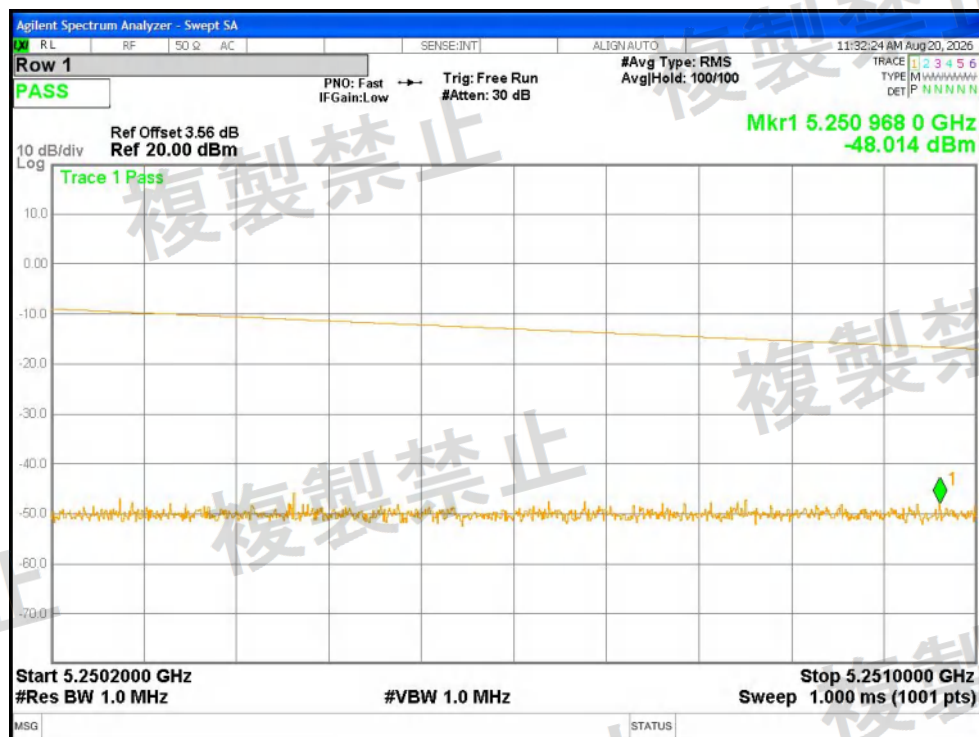
Tx. Spurious NVNT a 5180MHz Ant1 @ 30MHz-5142MHz



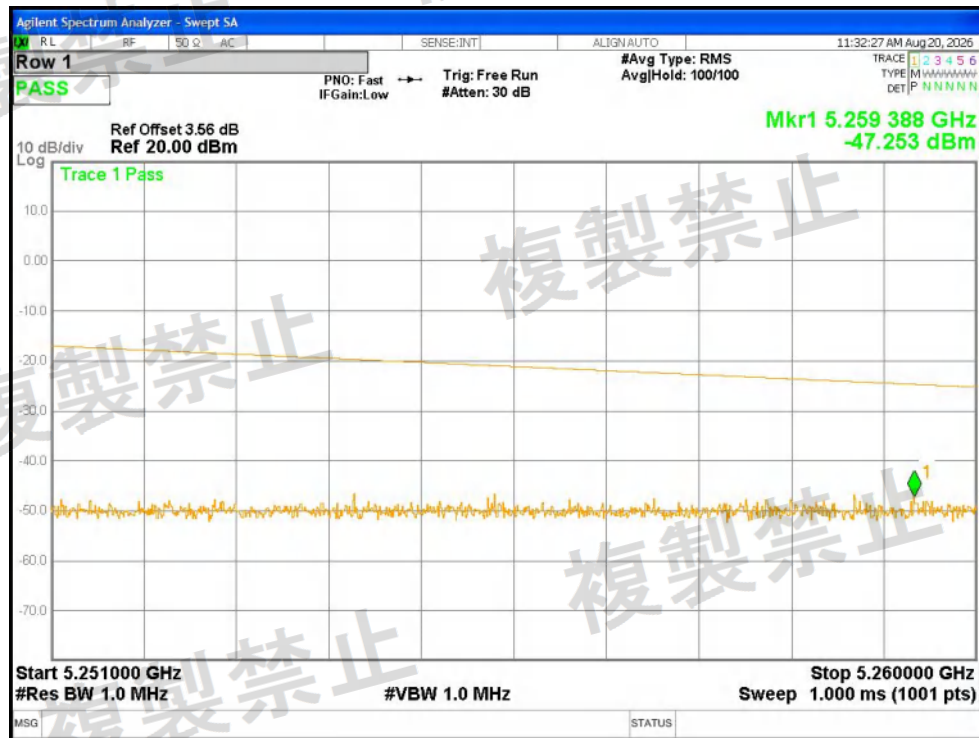
Tx. Spurious NVNT a 5180MHz Ant1 @ 5142MHz-5150MHz



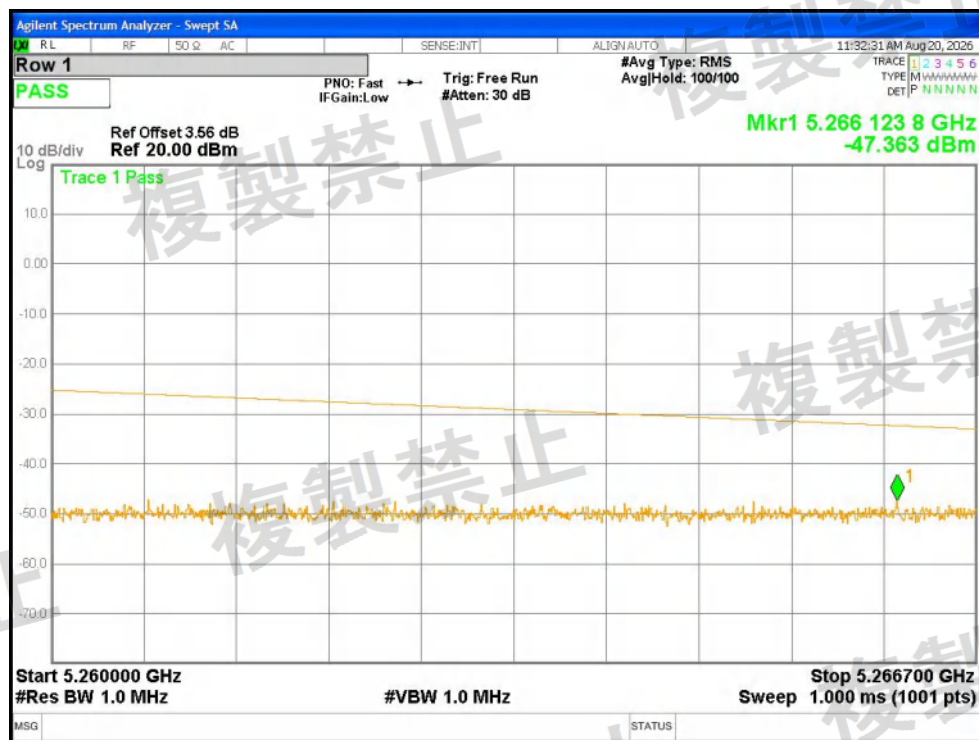
Tx. Spurious NVNT a 5180MHz Ant1 @ 5250MHz-5250.2MHz



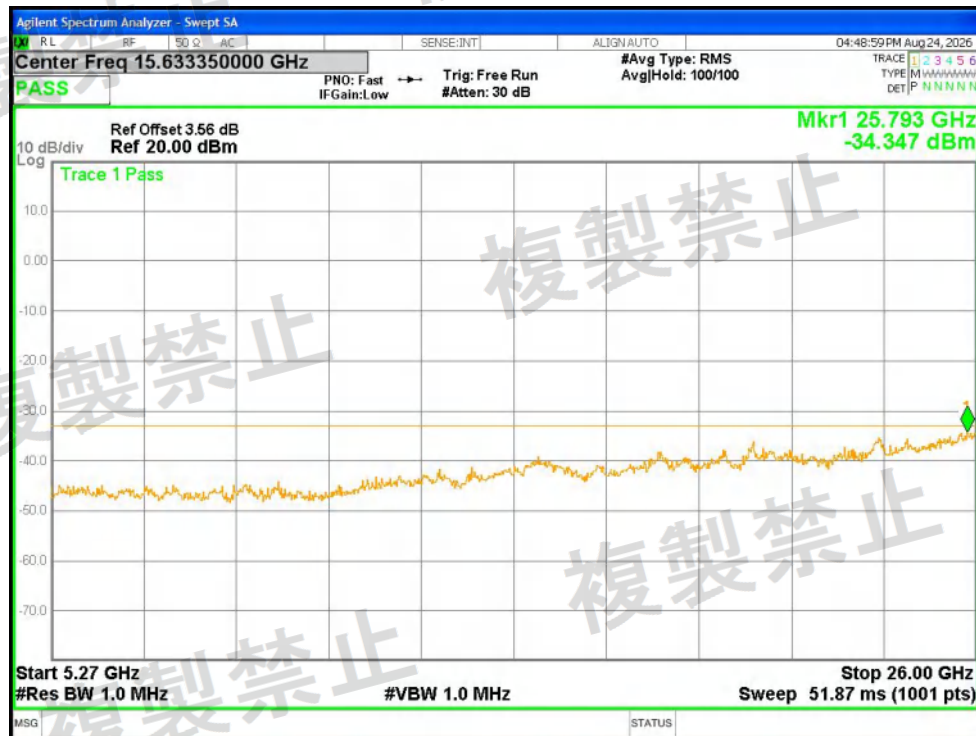
Tx. Spurious NVNT a 5180MHz Ant1 @ 5250.2MHz-5251MHz



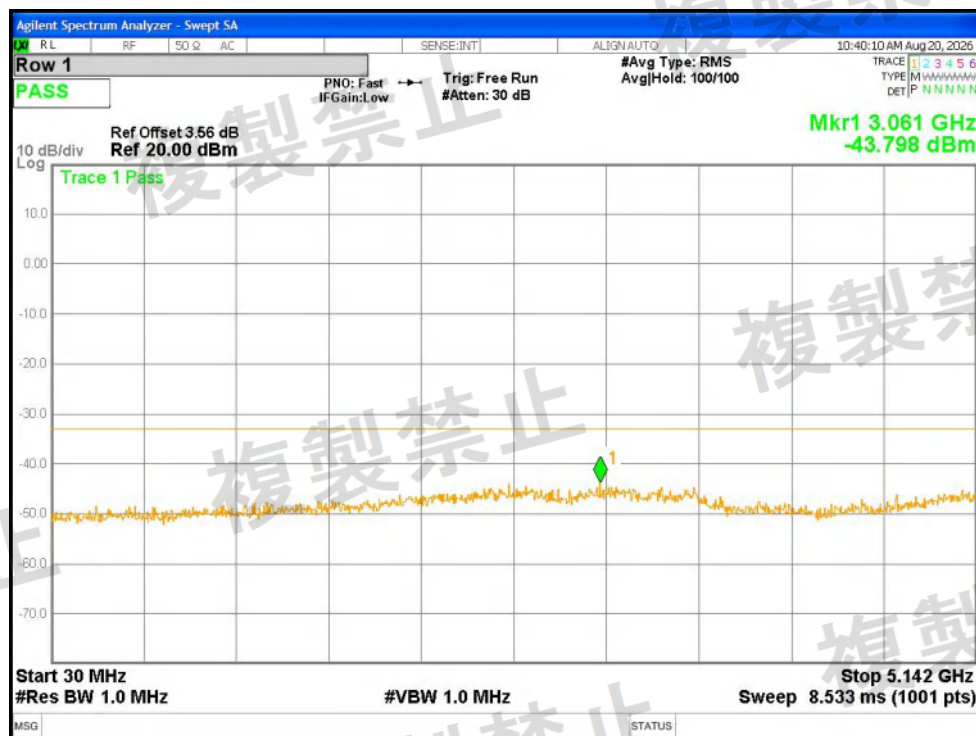
Tx. Spurious NVNT a 5180MHz Ant1 @ 5251MHz-5260MHz



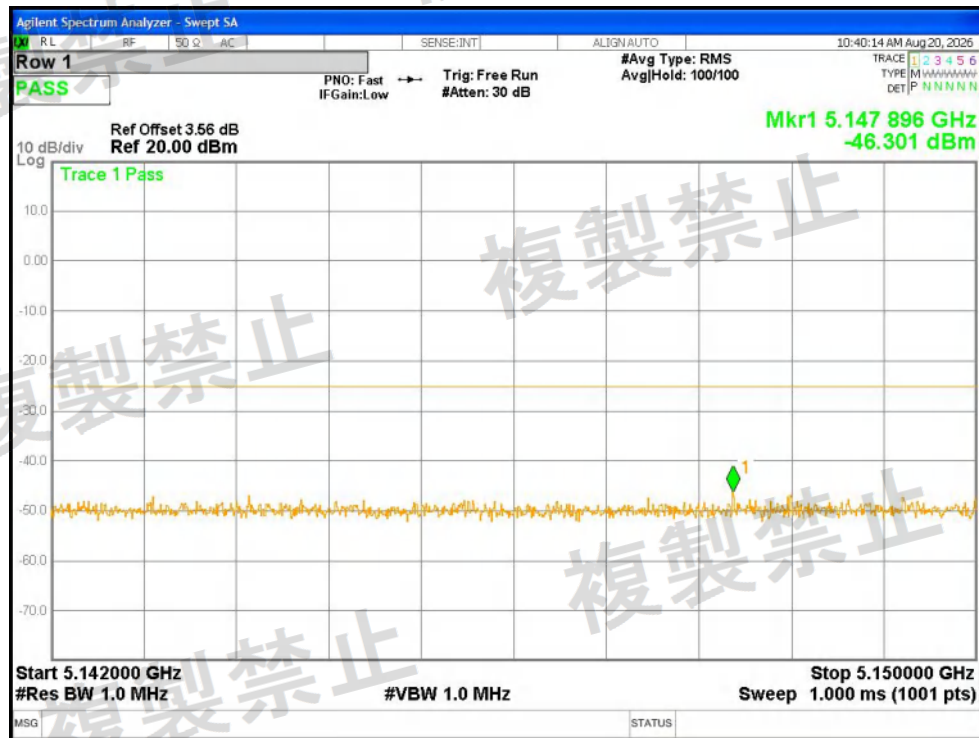
Tx. Spurious NVNT a 5180MHz Ant1 @ 5260MHz-5266.7MHz



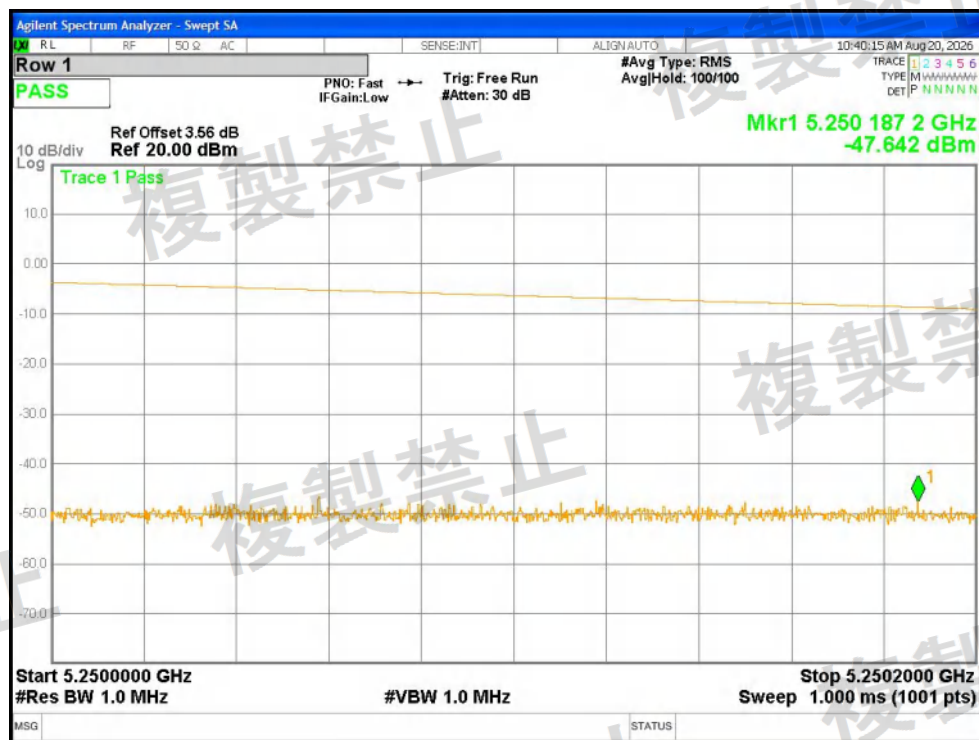
Tx. Spurious NVNT a 5180MHz Ant1 @ 5266.7MHz-26000MHz



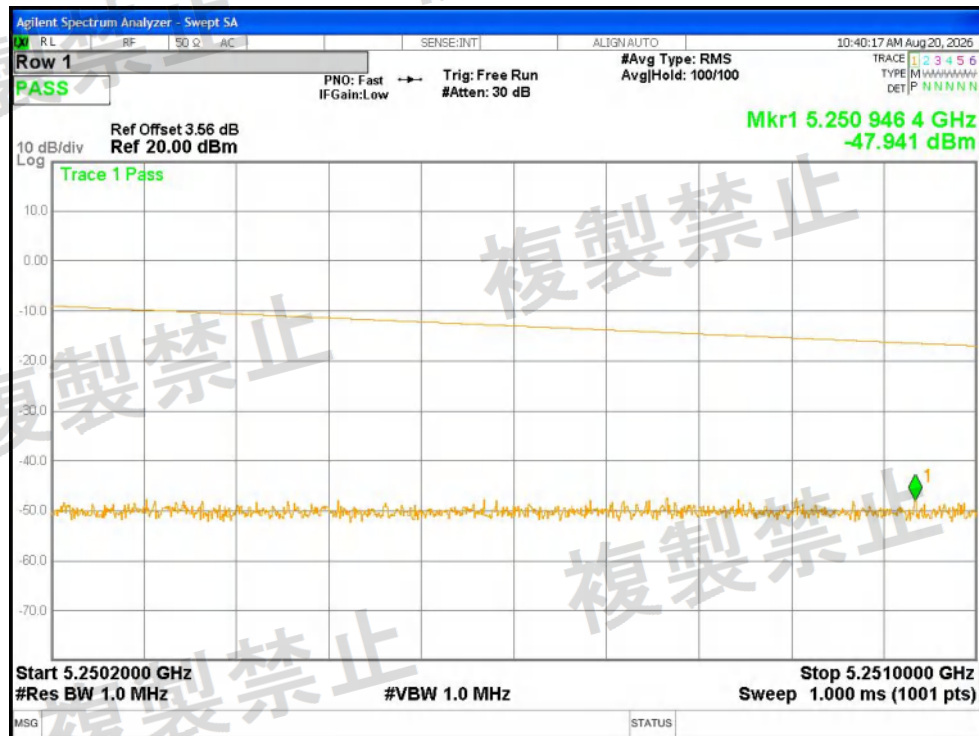
Tx. Spurious NVNT a 5200MHz Ant1 @ 30MHz-5142MHz



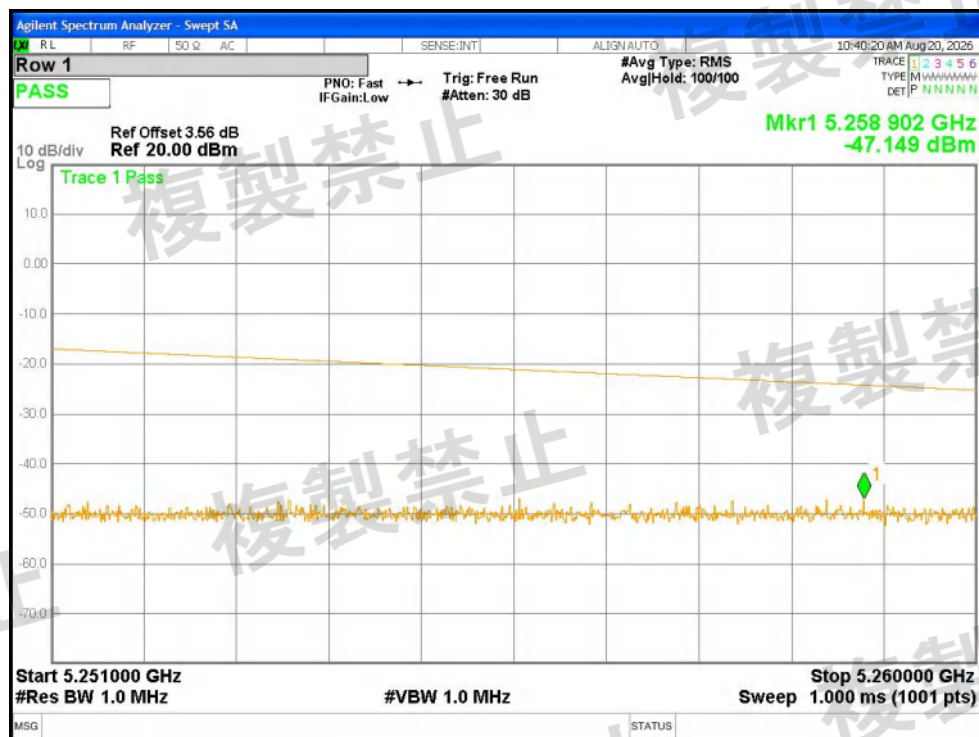
Tx. Spurious NVNT a 5200MHz Ant1 @ 5142MHz-5150MHz



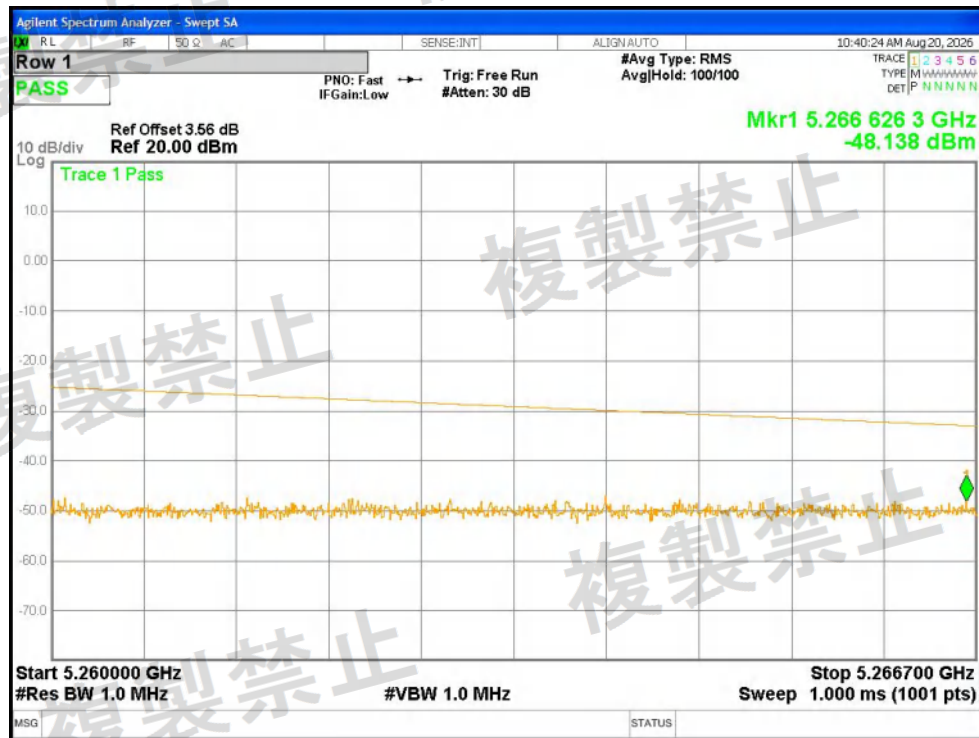
Tx. Spurious NVNT a 5200MHz Ant1 @ 5250MHz-5250.2MHz



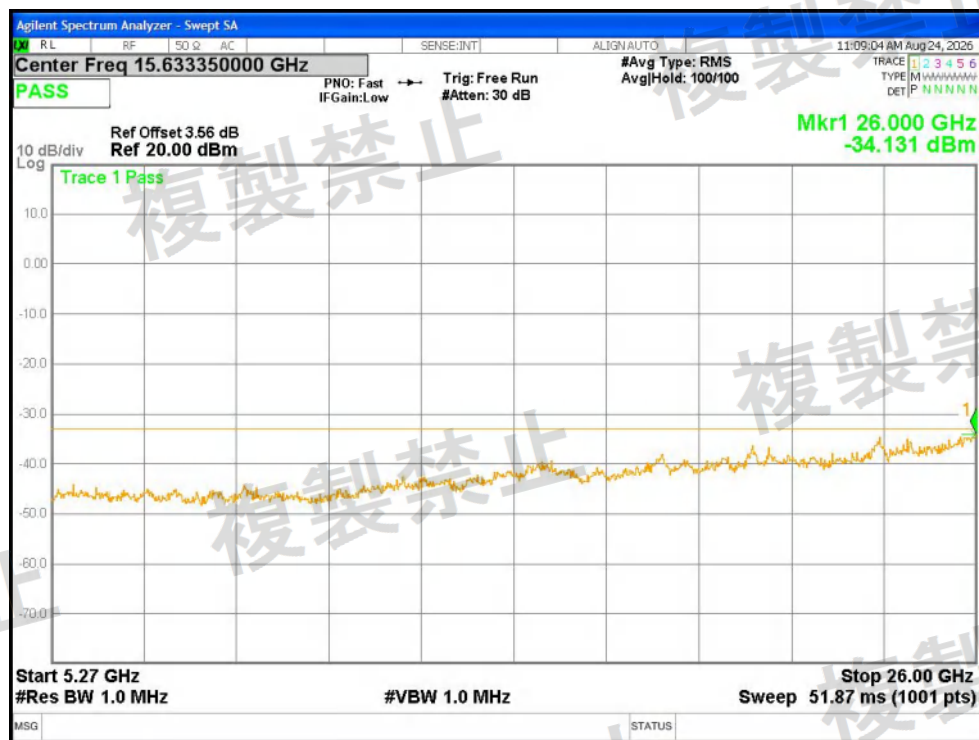
Tx. Spurious NVNT a 5200MHz Ant1 @ 5250.2MHz-5251MHz



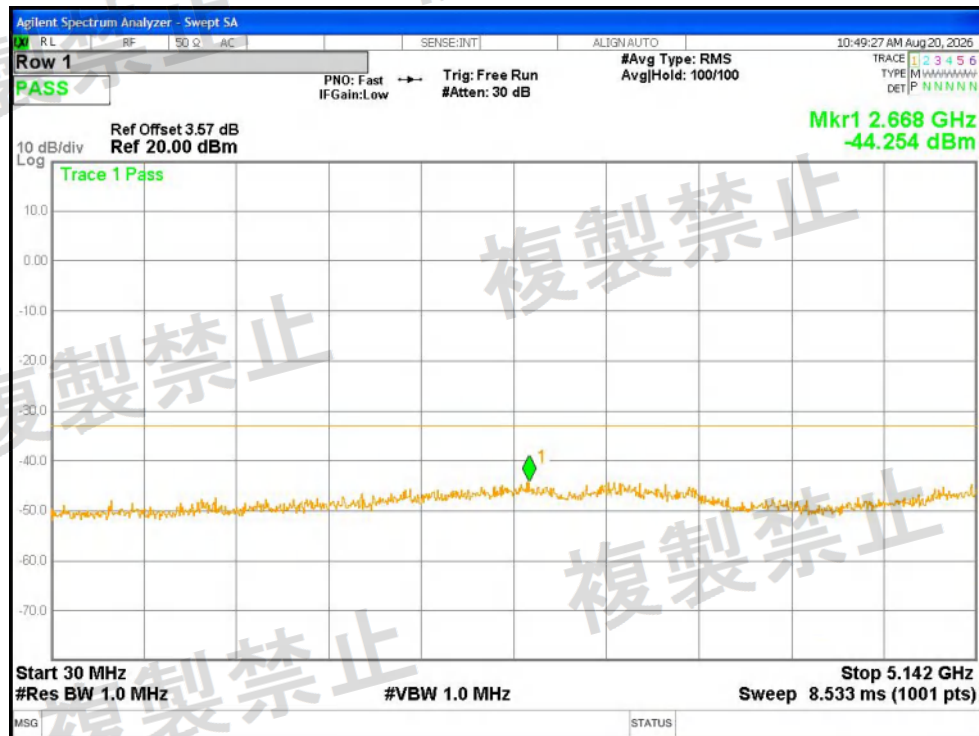
Tx. Spurious NVNT a 5200MHz Ant1 @ 5251MHz-5260MHz



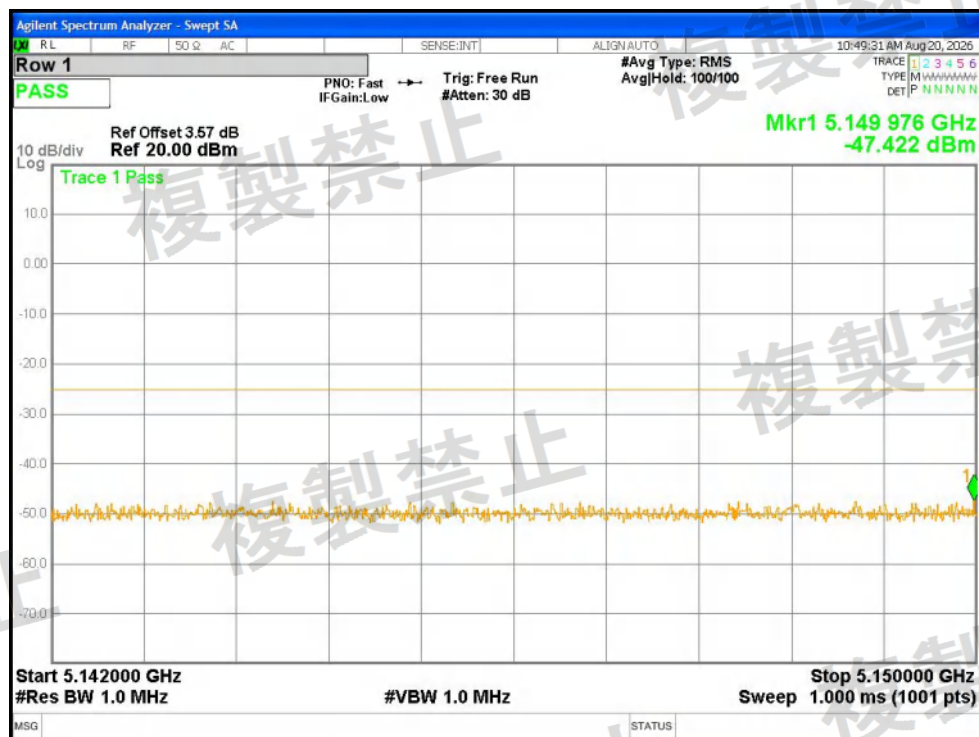
Tx. Spurious NVNT a 5200MHz Ant1 @ 5260MHz-5266.7MHz



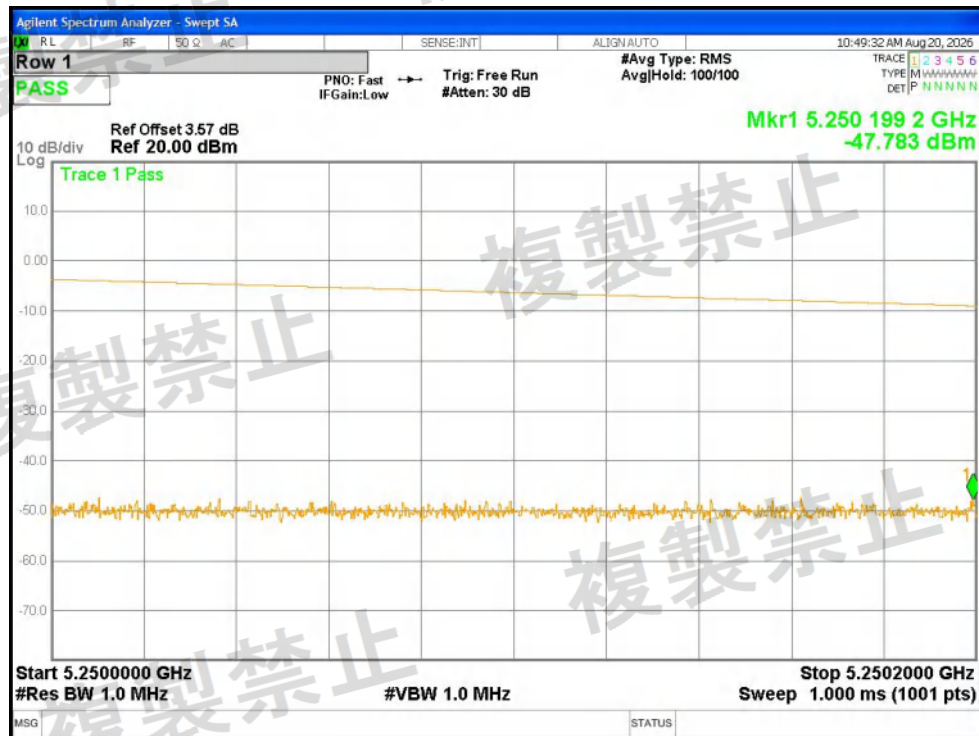
Tx. Spurious NVNT a 5200MHz Ant1 @ 5266.7MHz-26000MHz



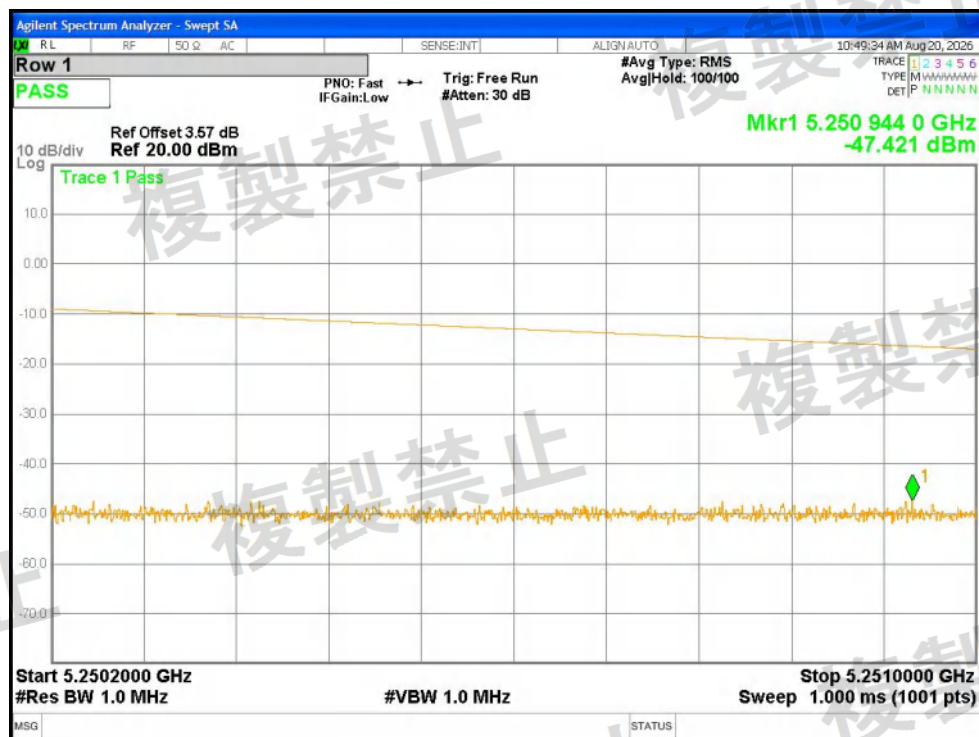
Tx. Spurious NVNT a 5240MHz Ant1 @ 30MHz-5142MHz



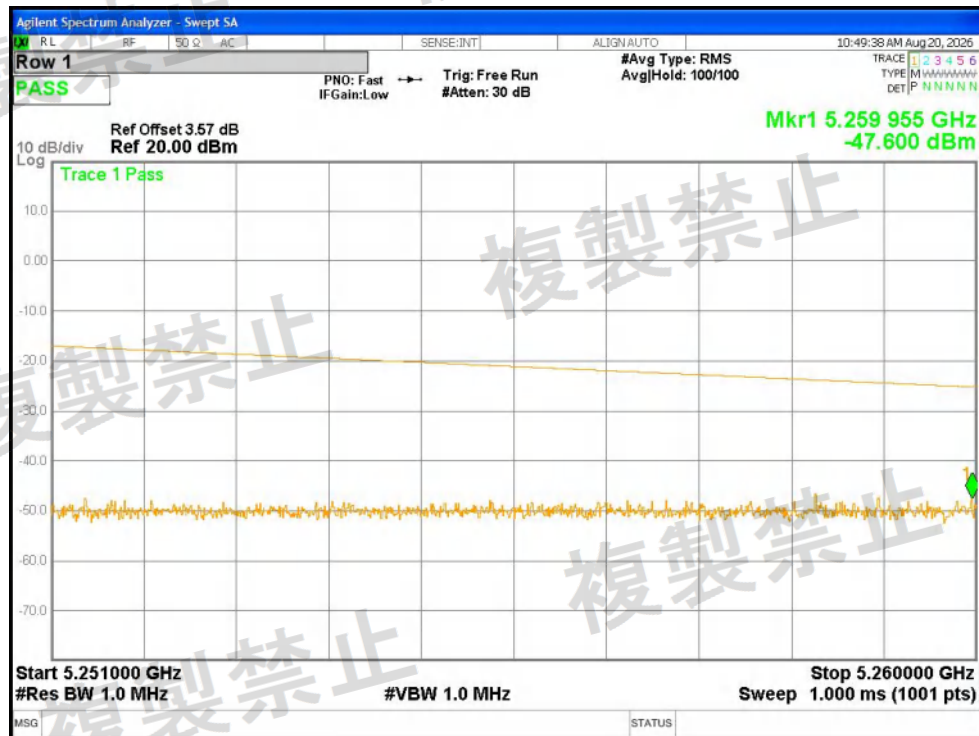
Tx. Spurious NVNT a 5240MHz Ant1 @ 5142MHz-5150MHz



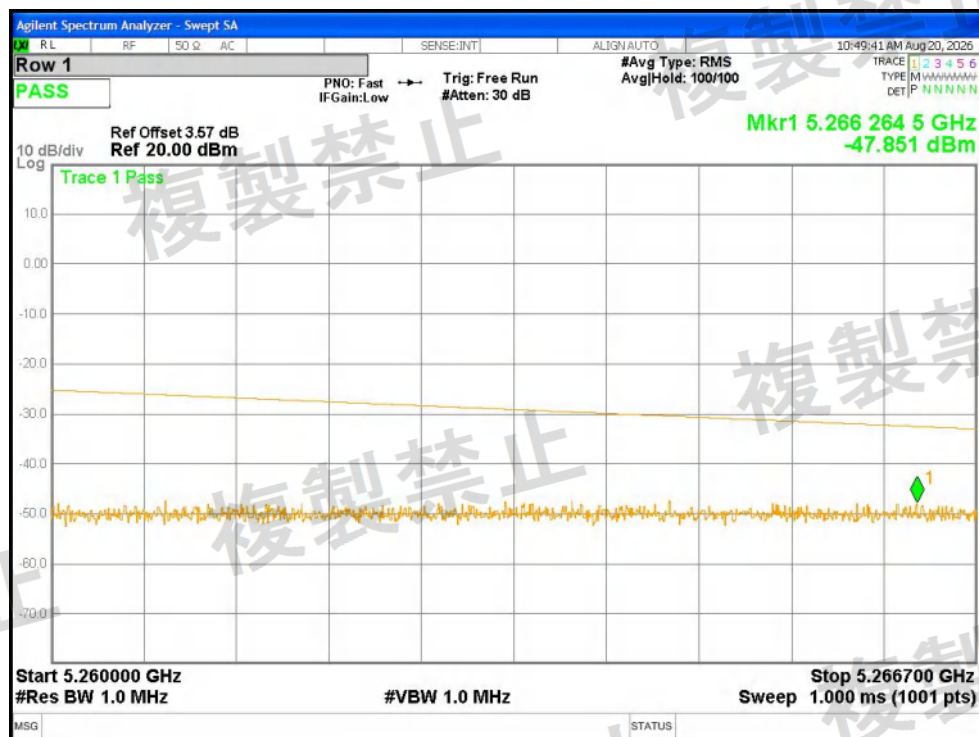
Tx. Spurious NVNT a 5240MHz Ant1 @ 5250MHz-5250.2MHz



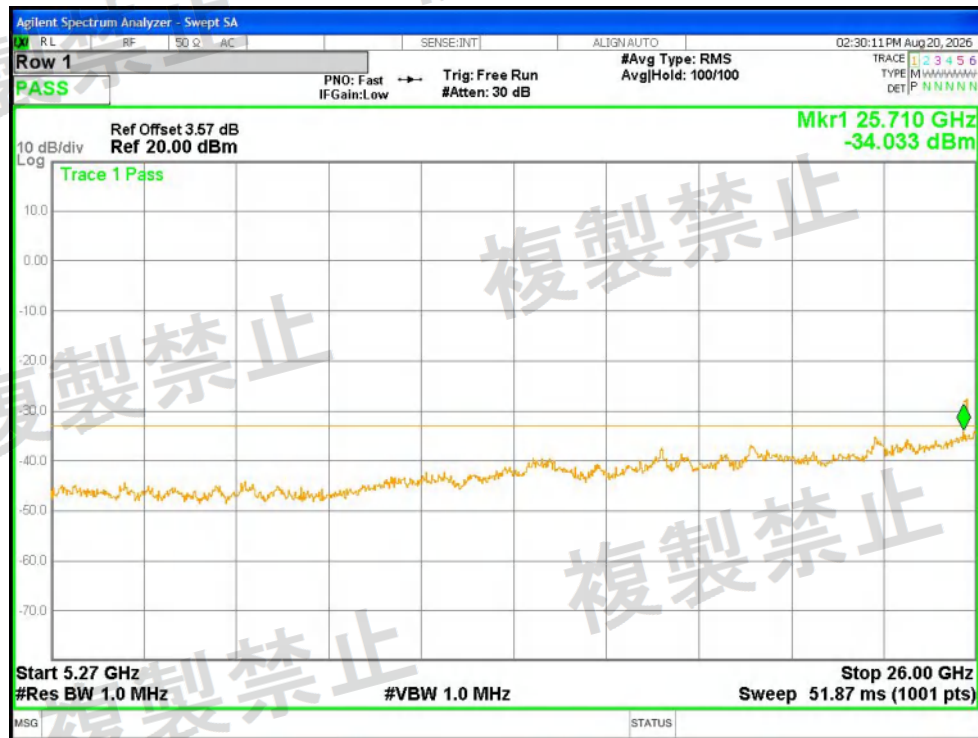
Tx. Spurious NVNT a 5240MHz Ant1 @ 5250.2MHz-5251MHz



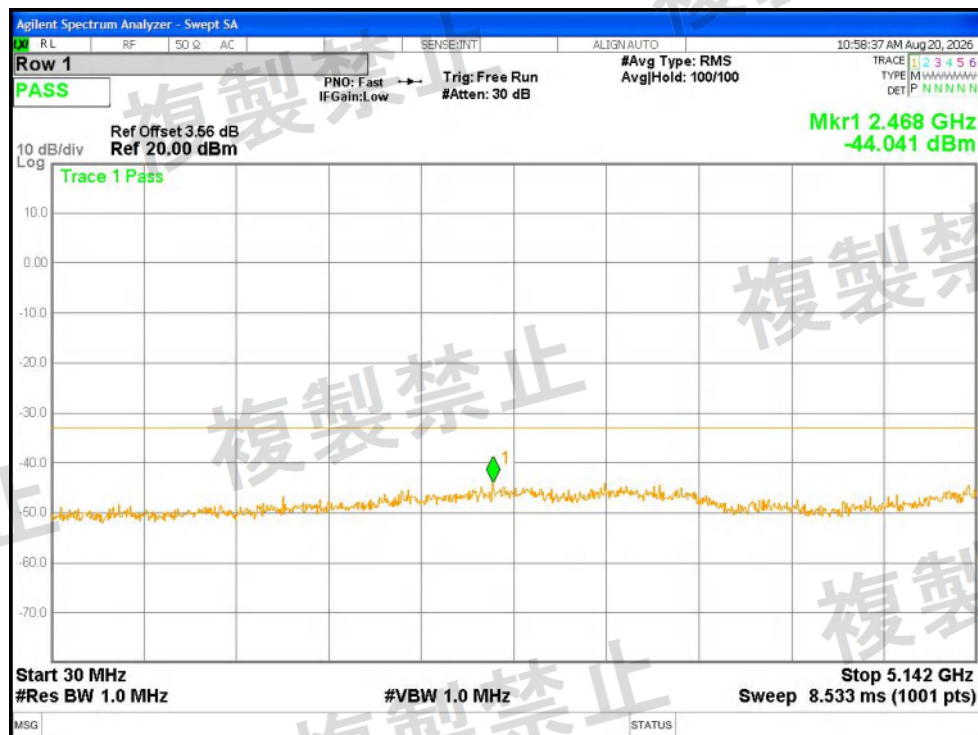
Tx. Spurious NVNT a 5240MHz Ant1 @ 5251MHz-5260MHz



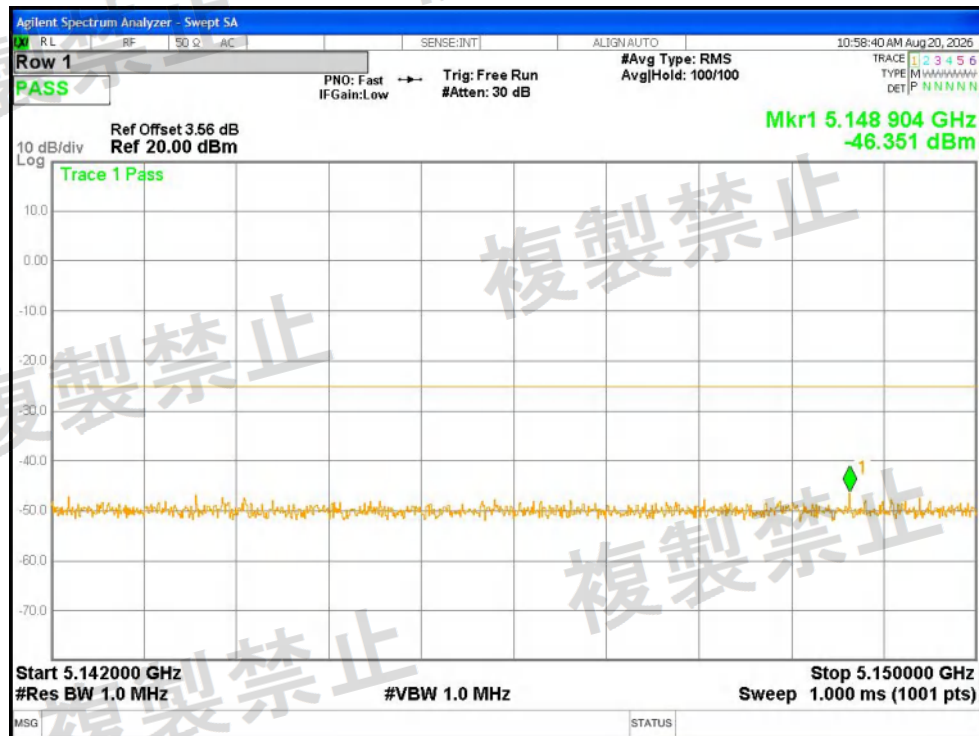
Tx. Spurious NVNT a 5240MHz Ant1 @ 5260MHz-5266.7MHz



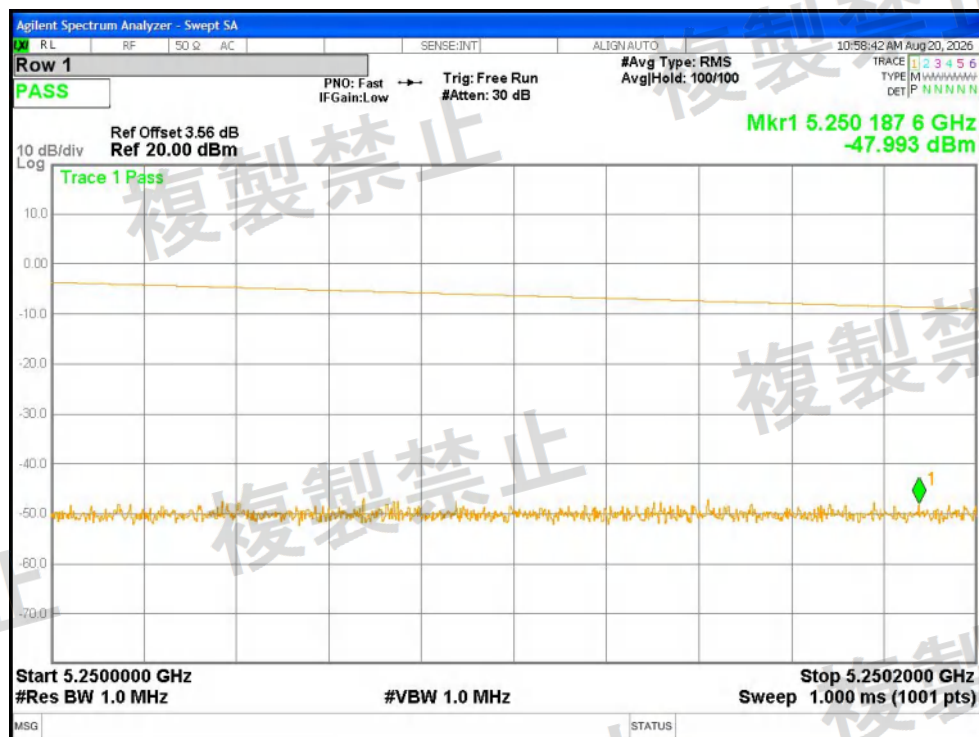
Tx. Spurious NVNT a 5240MHz Ant1 @ 5266.7MHz-26000MHz



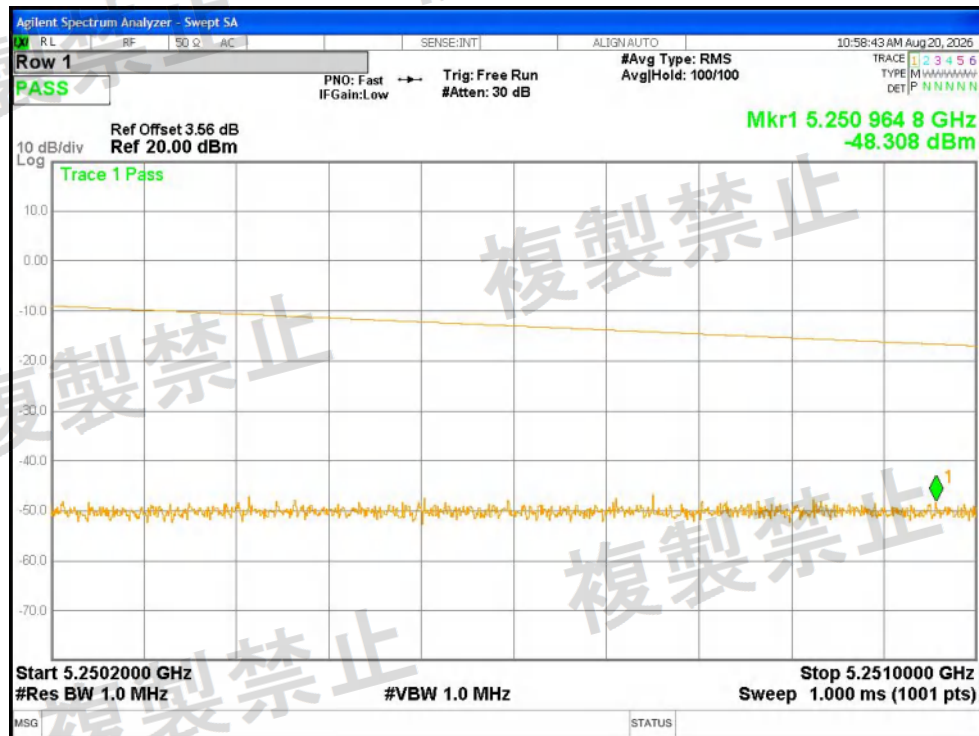
Tx. Spurious NVNT n20 5180MHz Ant1 @ 30MHz-5142MHz



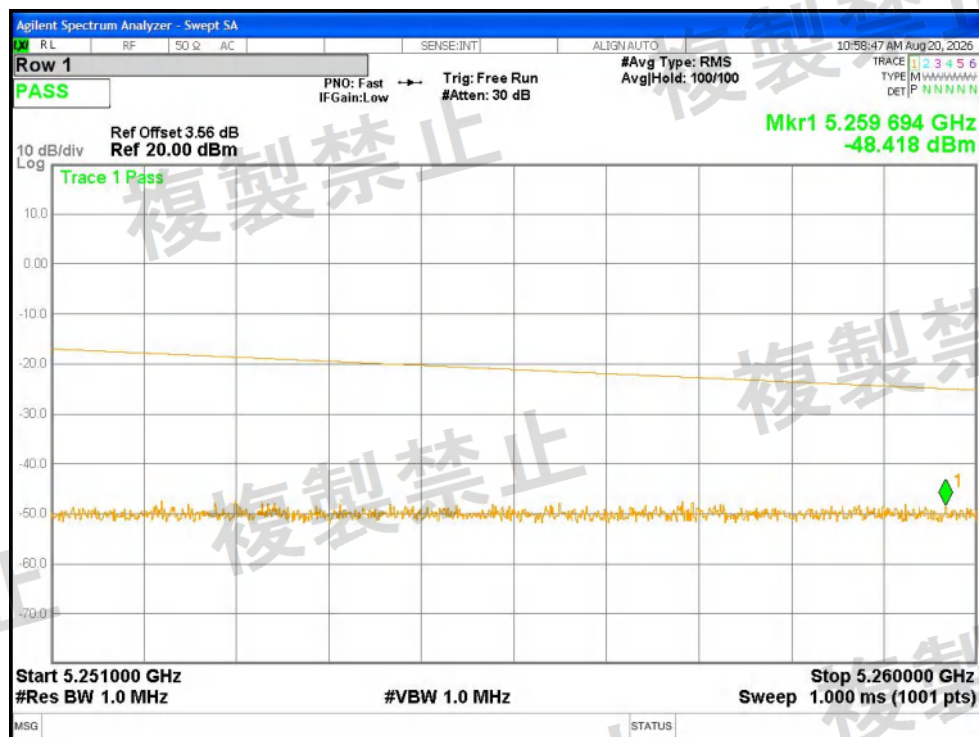
Tx. Spurious NVNT n20 5180MHz Ant1 @ 5142MHz-5150MHz



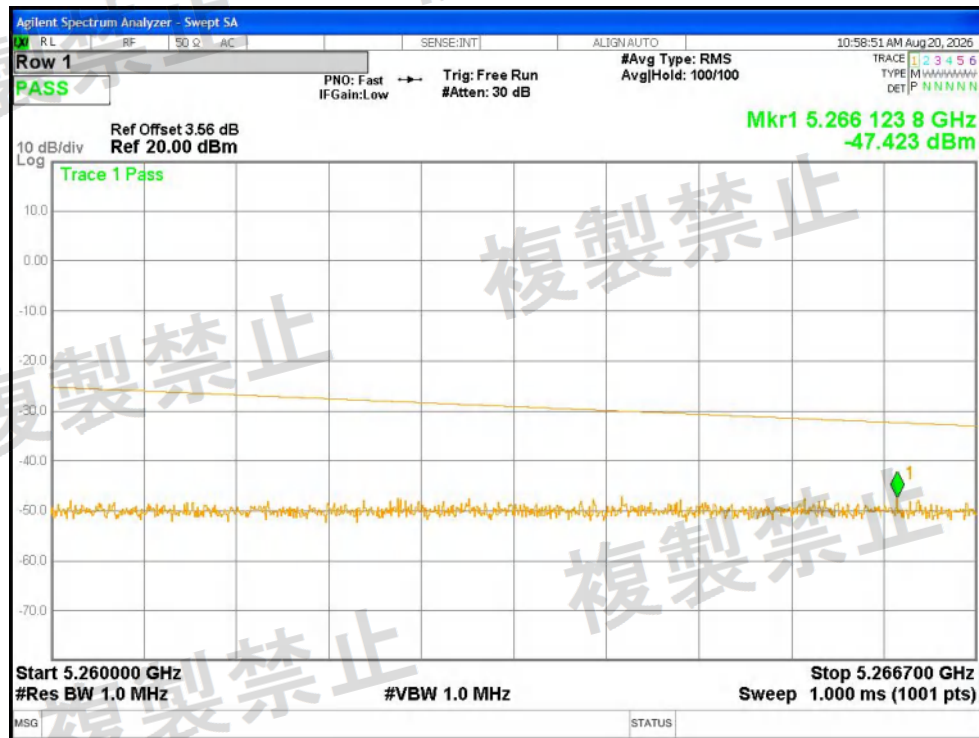
Tx. Spurious NVNT n20 5180MHz Ant1 @ 5250MHz-5250.2MHz



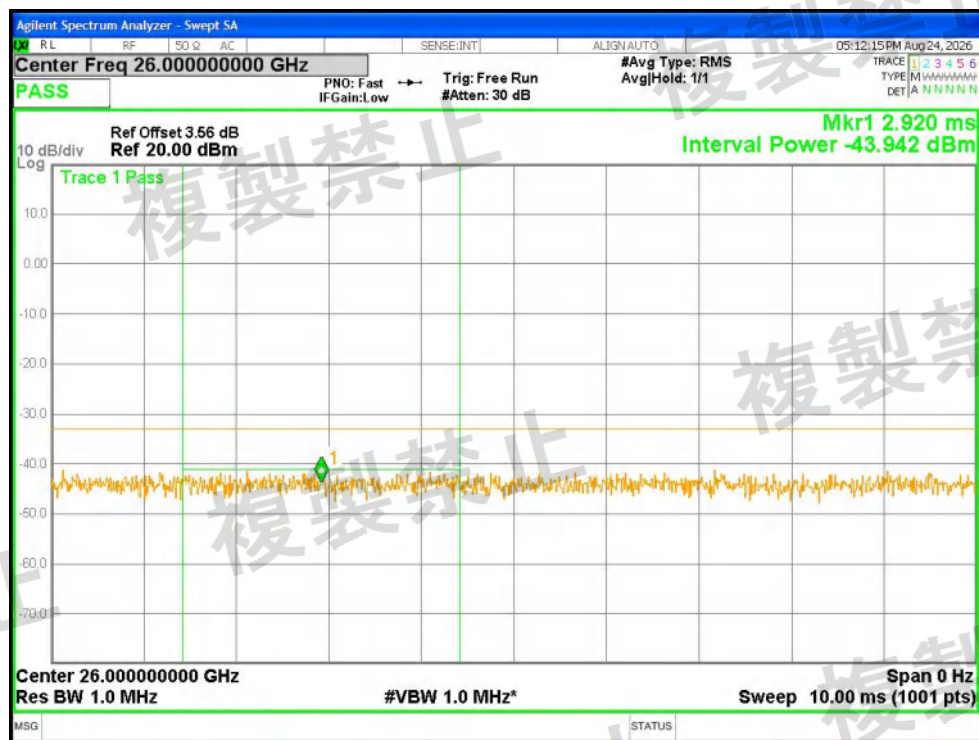
Tx. Spurious NVNT n20 5180MHz Ant1 @ 5250.2MHz-5251MHz



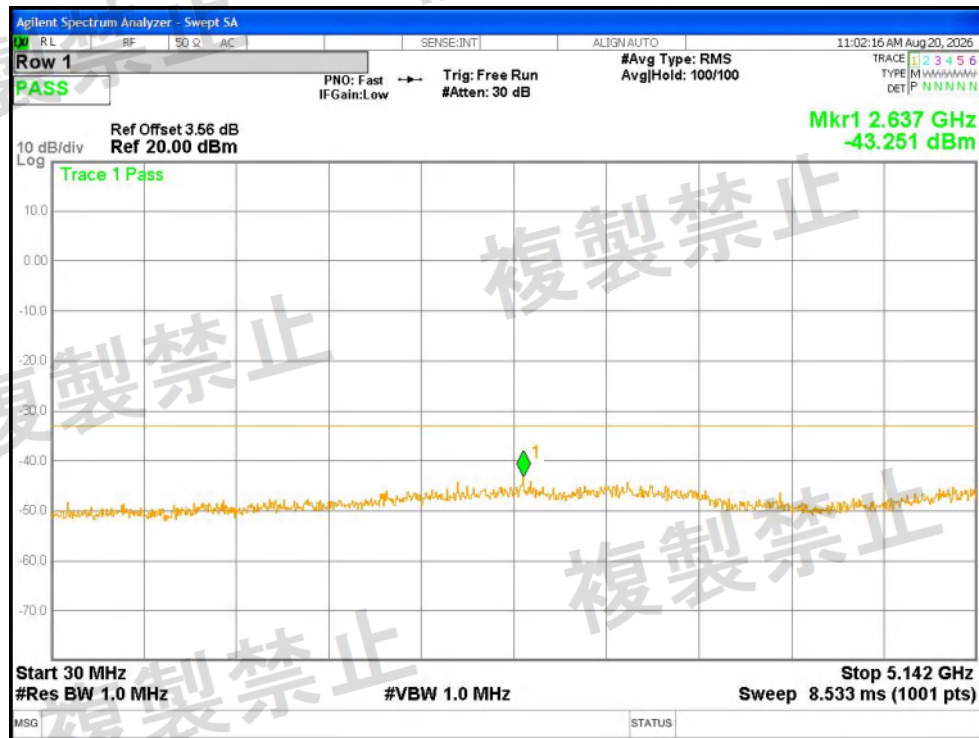
Tx. Spurious NVNT n20 5180MHz Ant1 @ 5251MHz-5260MHz



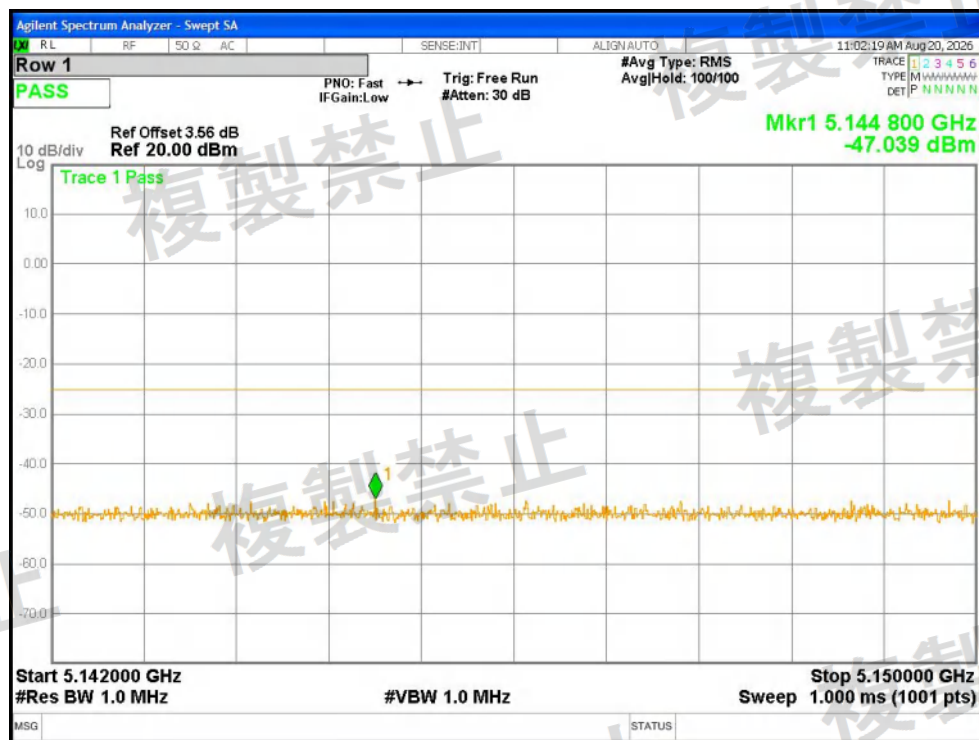
Tx. Spurious NVNT n20 5180MHz Ant1 @ 5260MHz-5266.7MHz



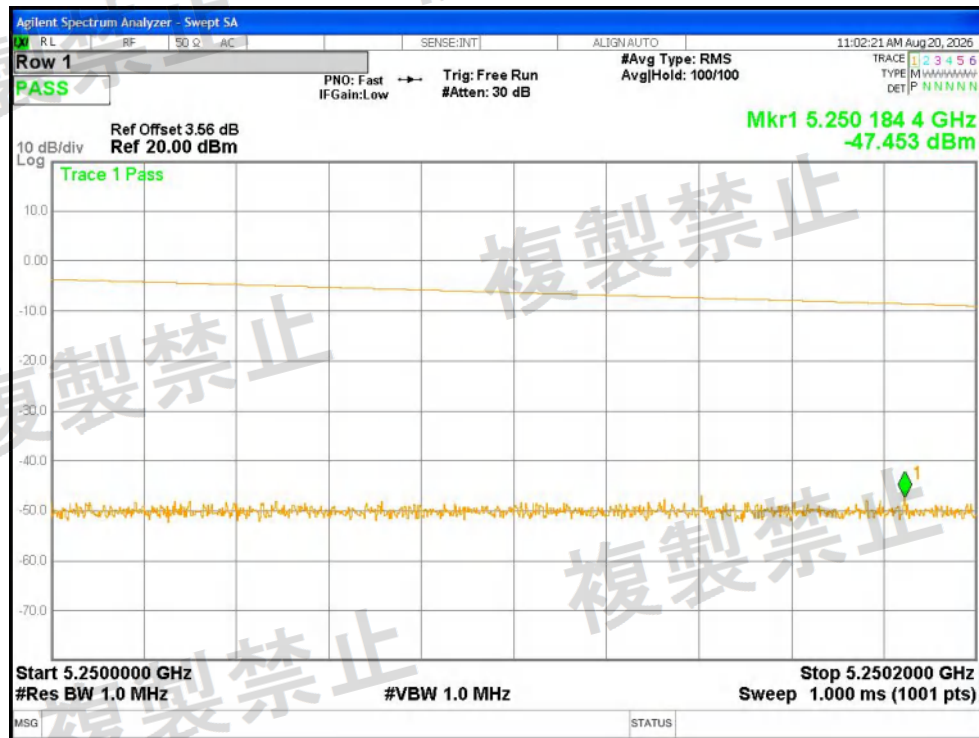
Tx. Spurious NVNT n20 5180MHz Ant1 @ 5266.7MHz-26000MHz



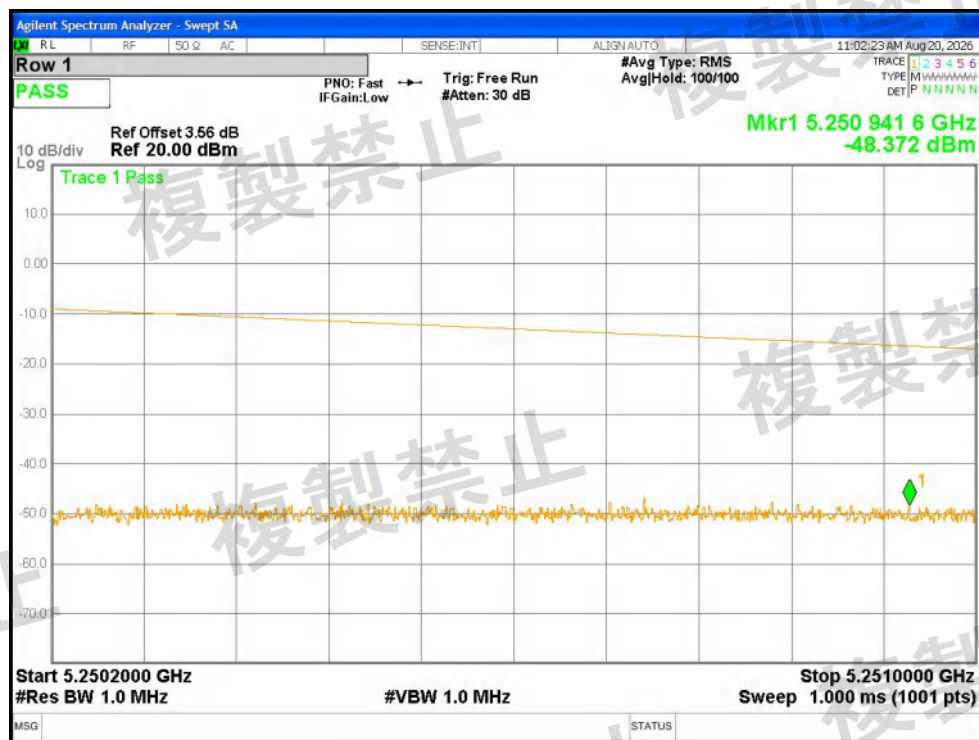
Tx. Spurious NVNT n20 5200MHz Ant1 @ 30MHz-5142MHz



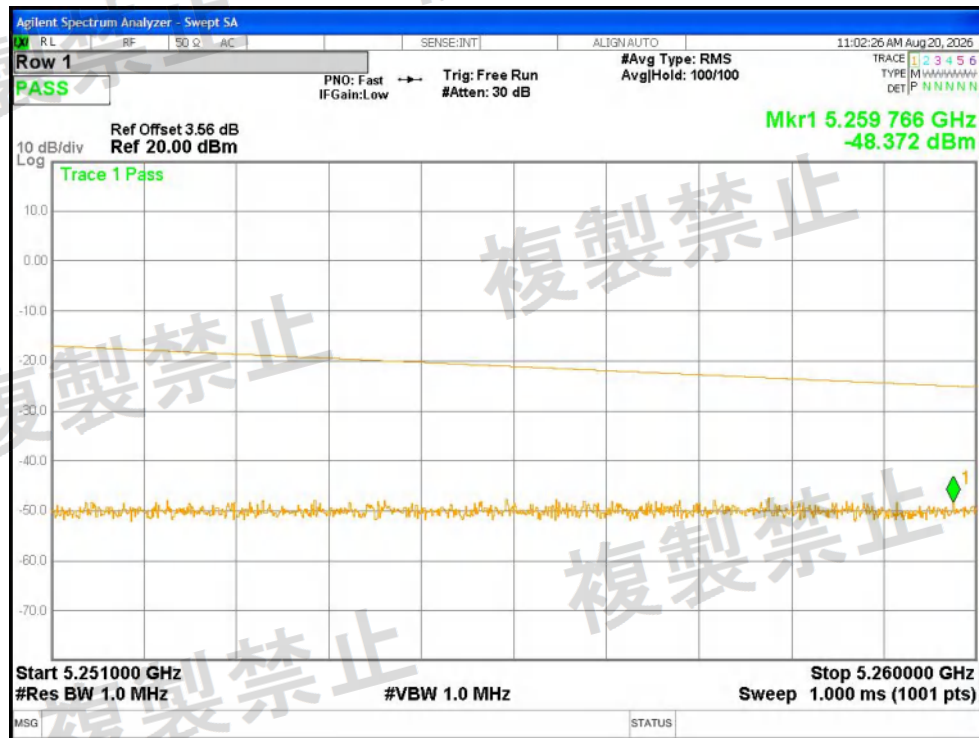
Tx. Spurious NVNT n20 5200MHz Ant1 @ 5142MHz-5150MHz



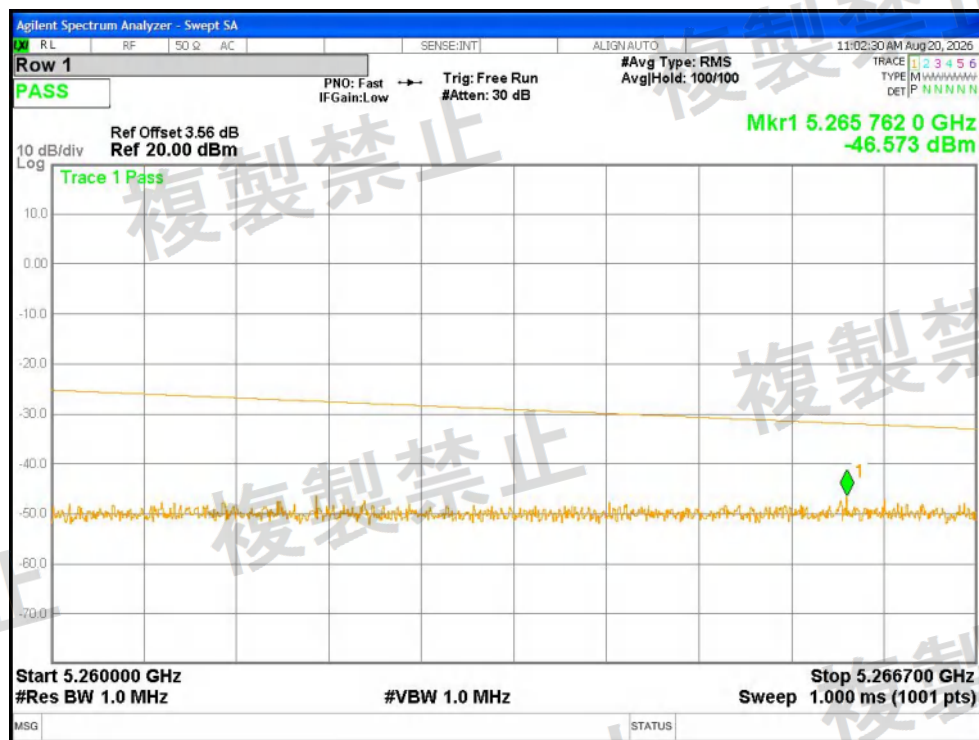
Tx. Spurious NVNT n20 5200MHz Ant1 @ 5250MHz-5250.2MHz



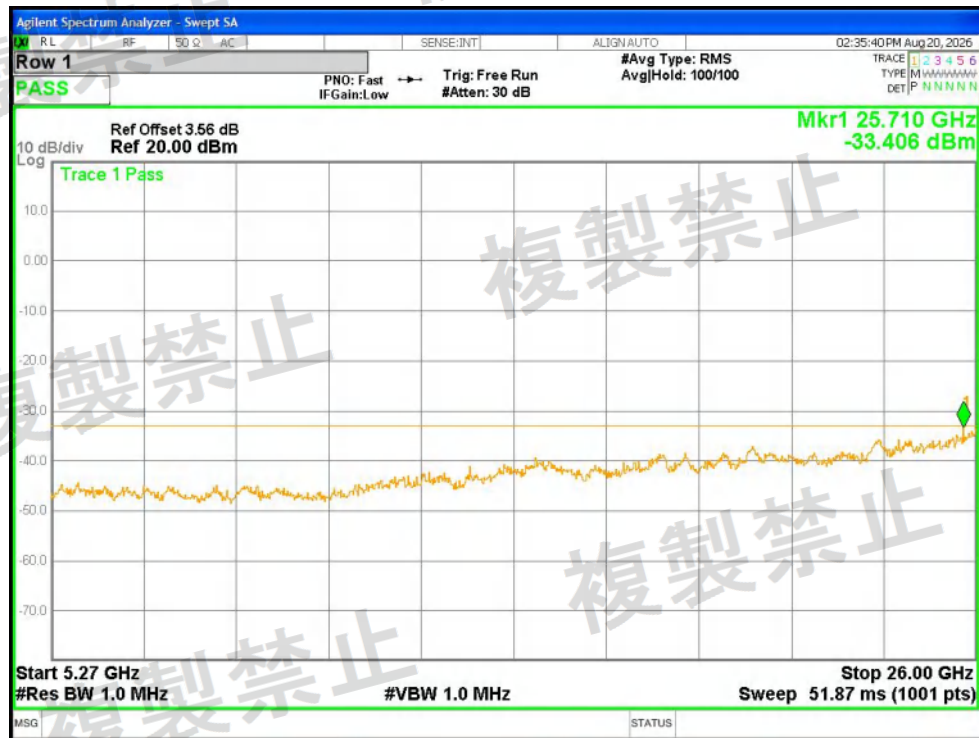
Tx. Spurious NVNT n20 5200MHz Ant1 @ 5250.2MHz-5251MHz



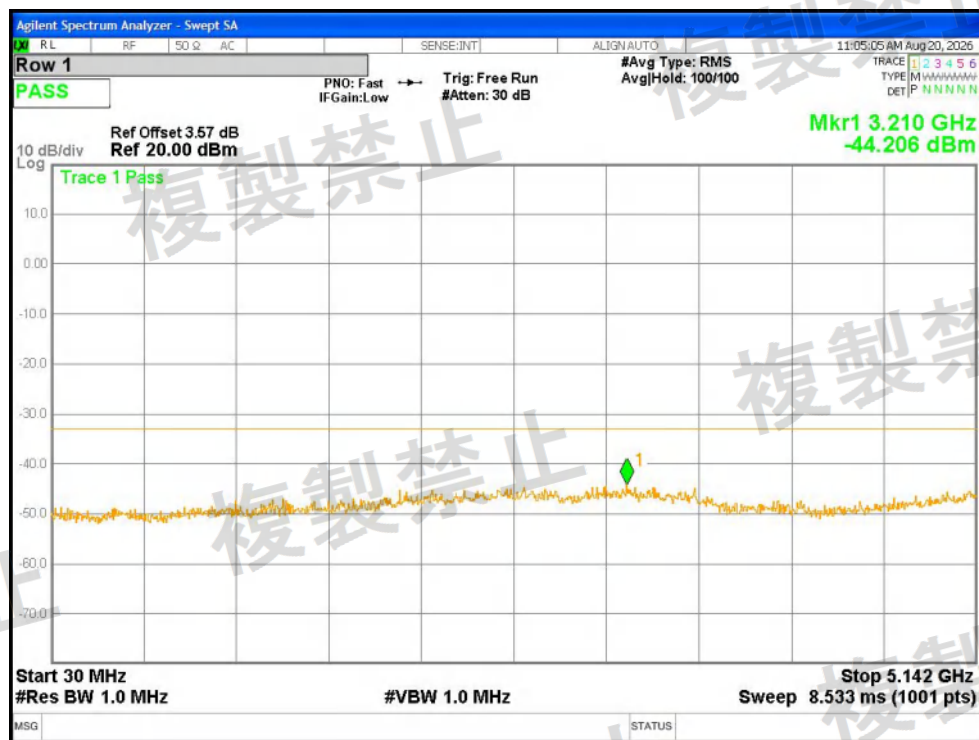
Tx. Spurious NVNT n20 5200MHz Ant1 @ 5251MHz-5260MHz



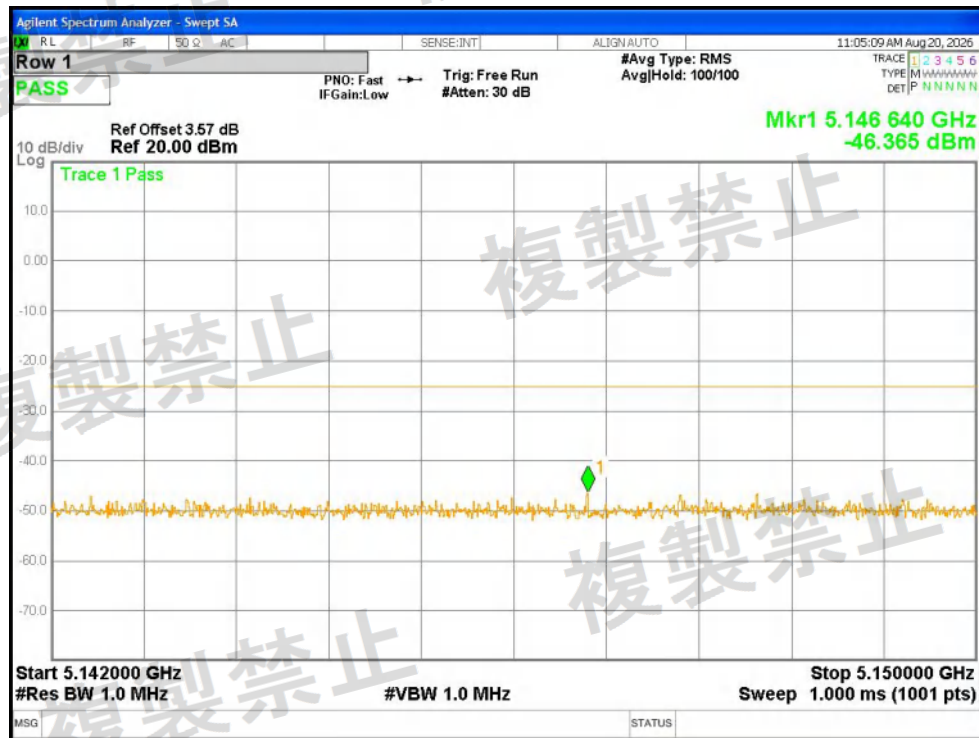
Tx. Spurious NVNT n20 5200MHz Ant1 @ 5260MHz-5266.7MHz



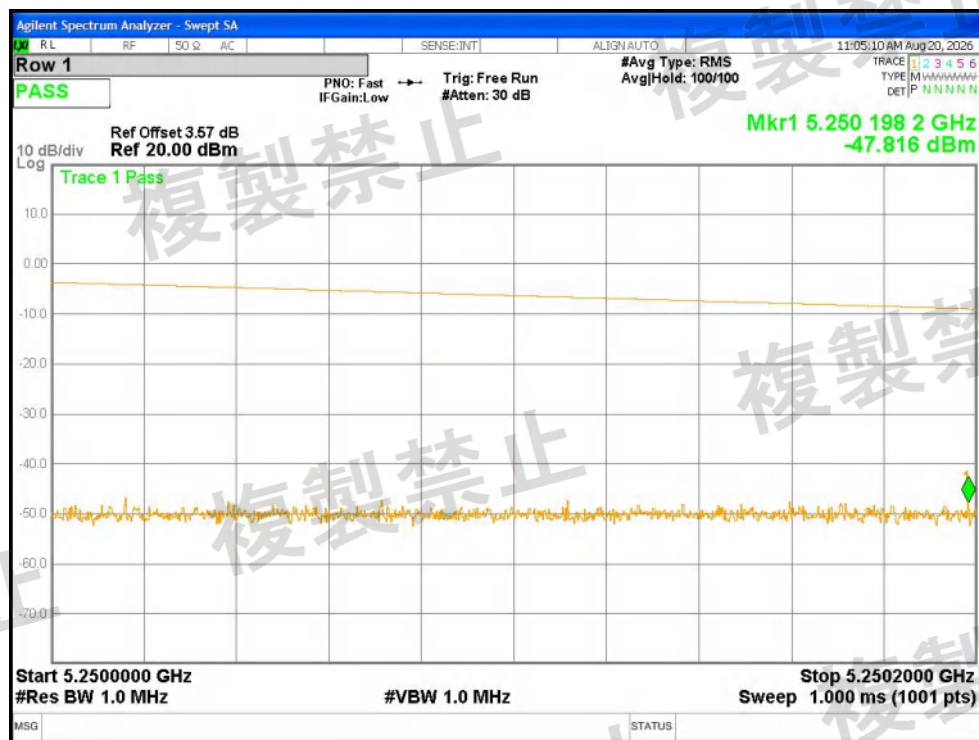
Tx. Spurious NVNT n20 5200MHz Ant1 @ 5266.7MHz-26000MHz



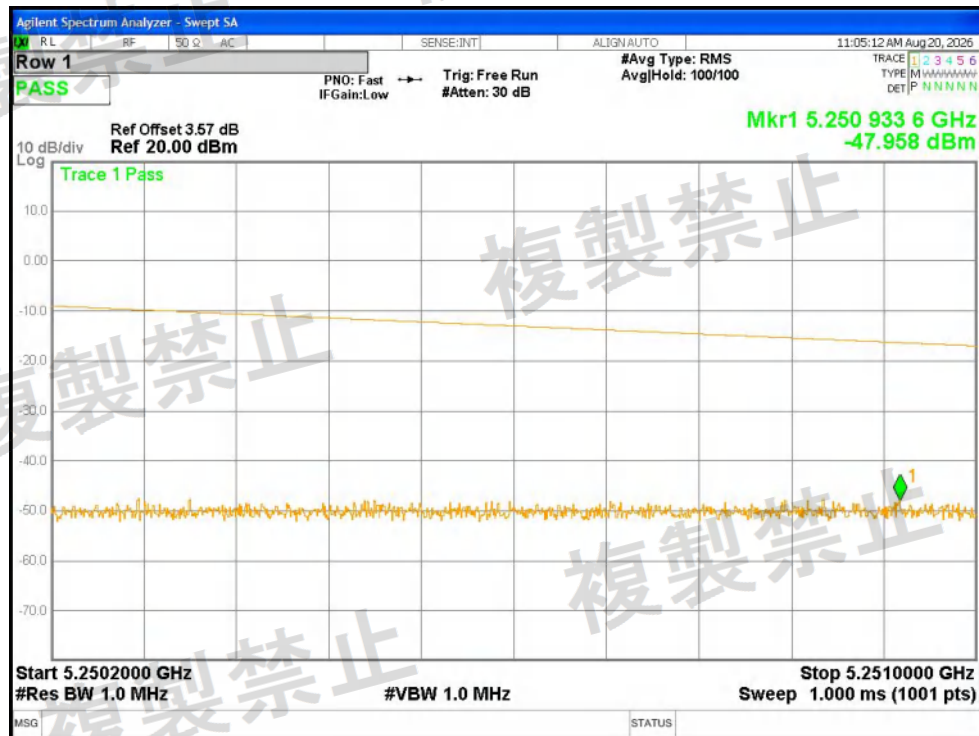
Tx. Spurious NVNT n20 5240MHz Ant1 @ 30MHz-5142MHz



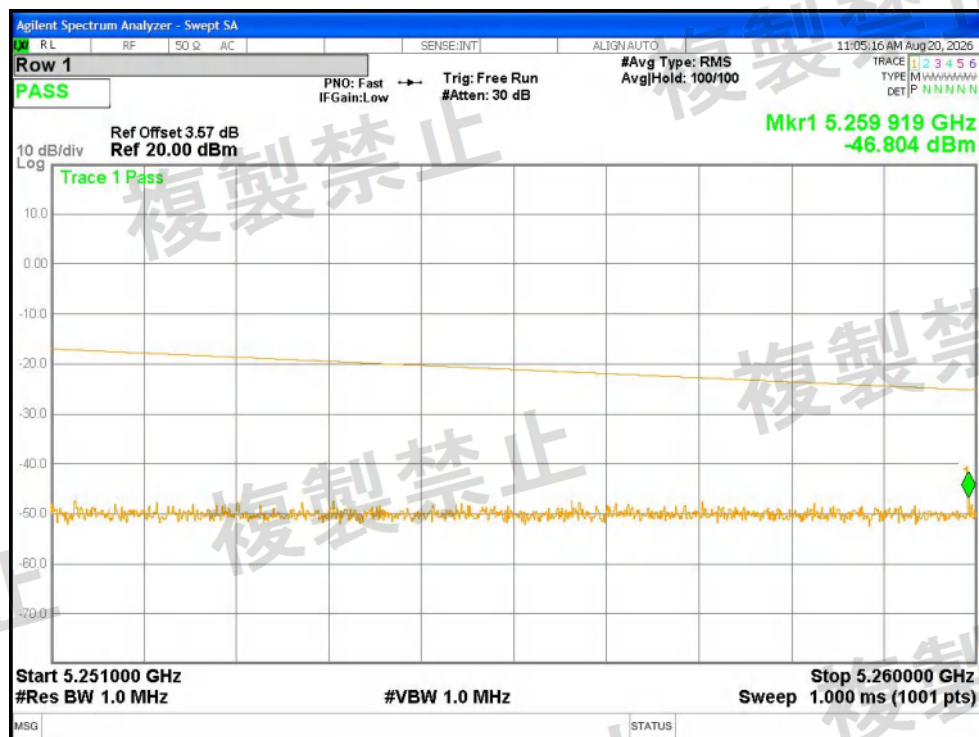
Tx. Spurious NVNT n20 5240MHz Ant1 @ 5142MHz-5150MHz



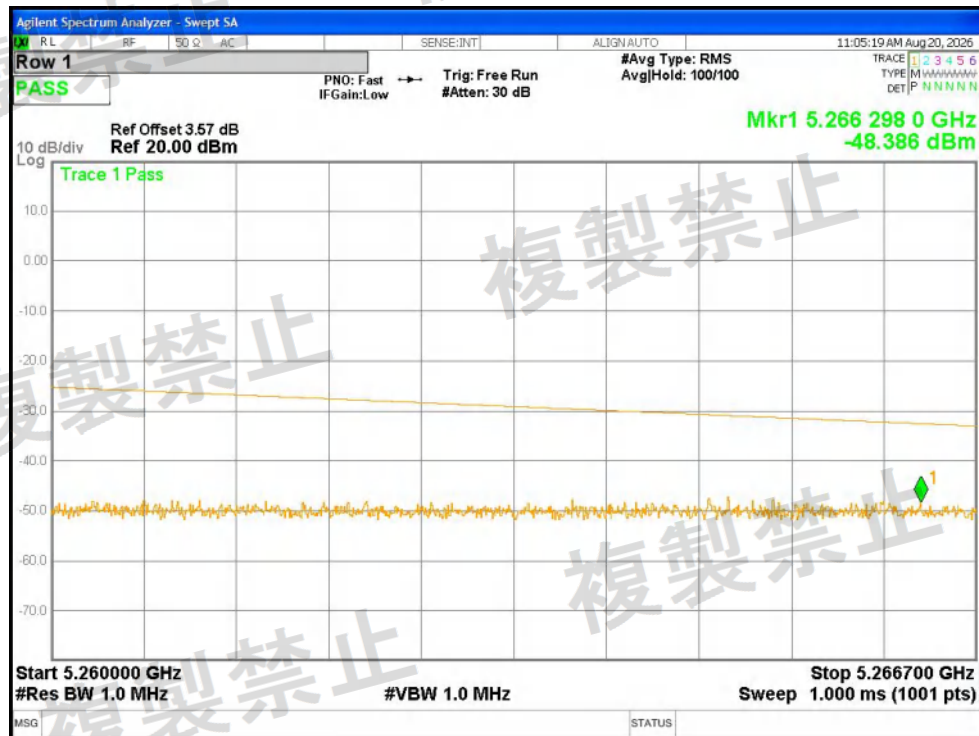
Tx. Spurious NVNT n20 5240MHz Ant1 @ 5250MHz-5250.2MHz



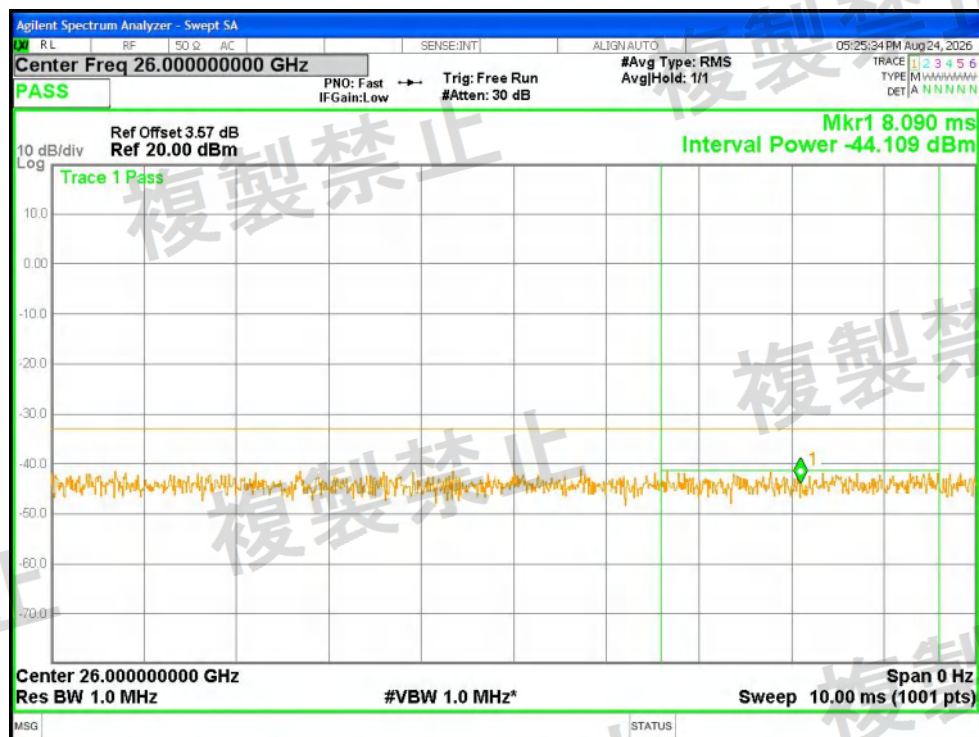
Tx. Spurious NVNT n20 5240MHz Ant1 @ 5250.2MHz-5251MHz



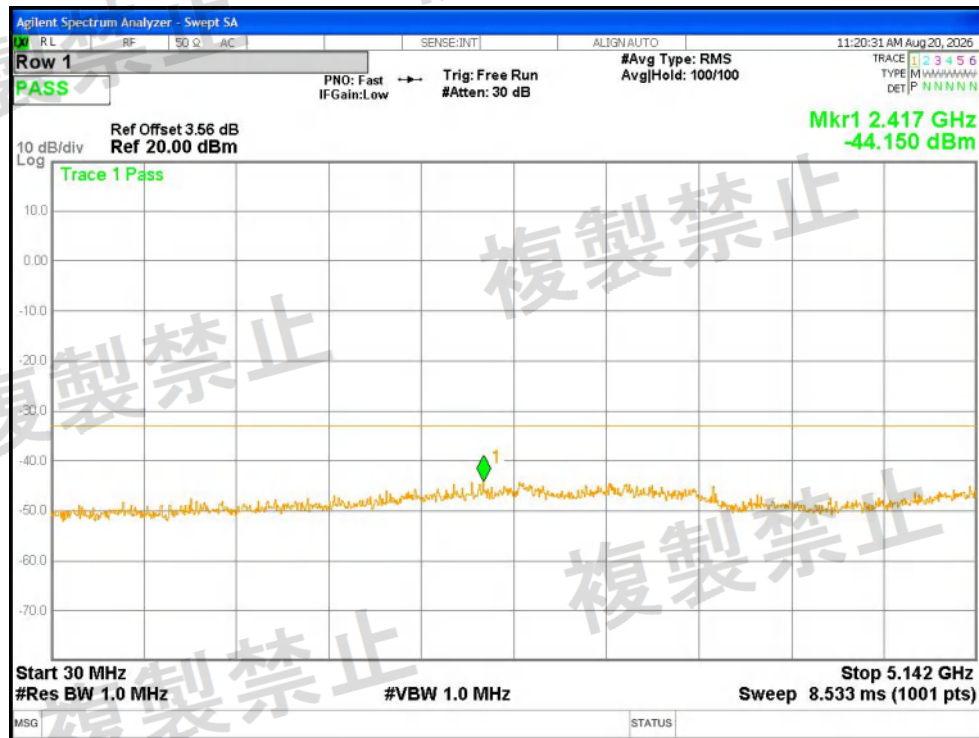
Tx. Spurious NVNT n20 5240MHz Ant1 @ 5251MHz-5260MHz



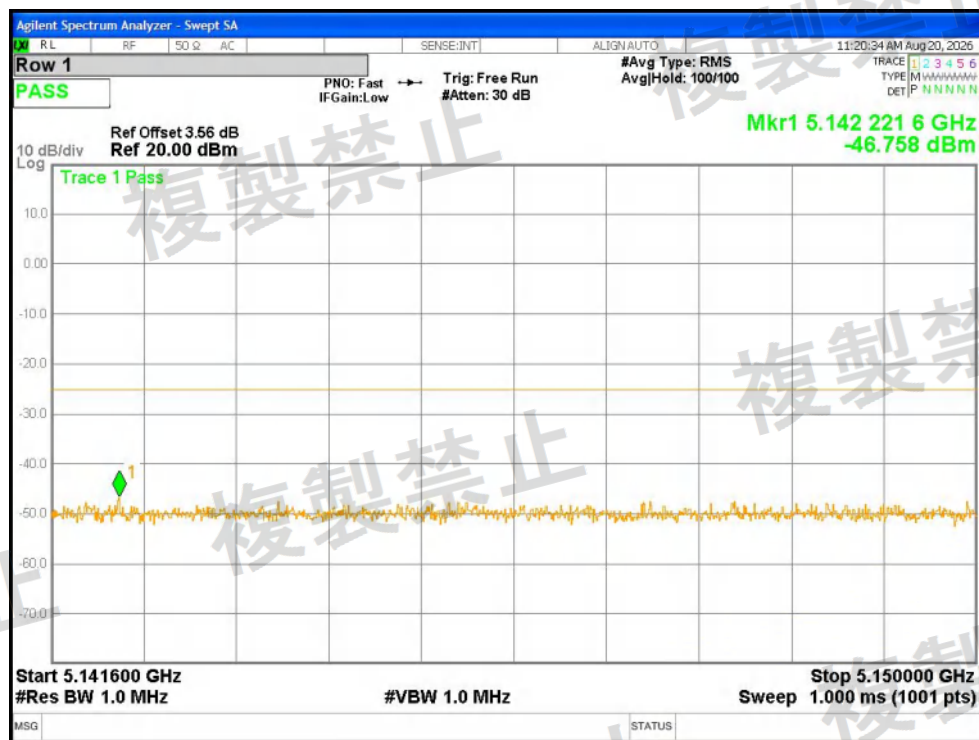
Tx. Spurious NVNT n20 5240MHz Ant1 @ 5260MHz-5266.7MHz



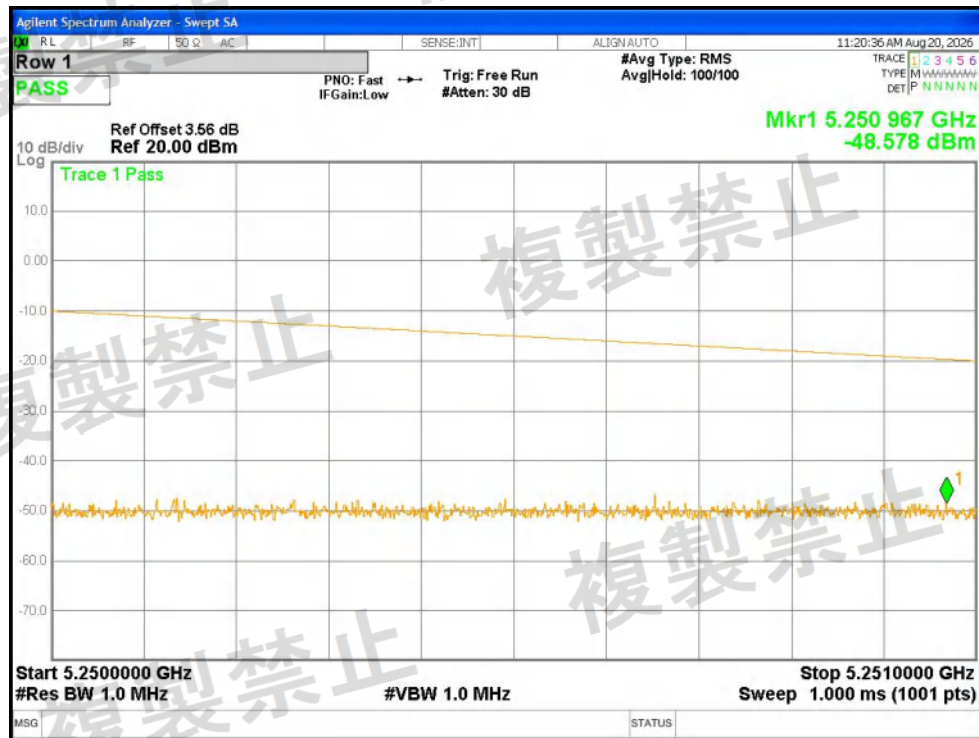
Tx. Spurious NVNT n20 5240MHz Ant1 @ 5266.7MHz-26000MHz



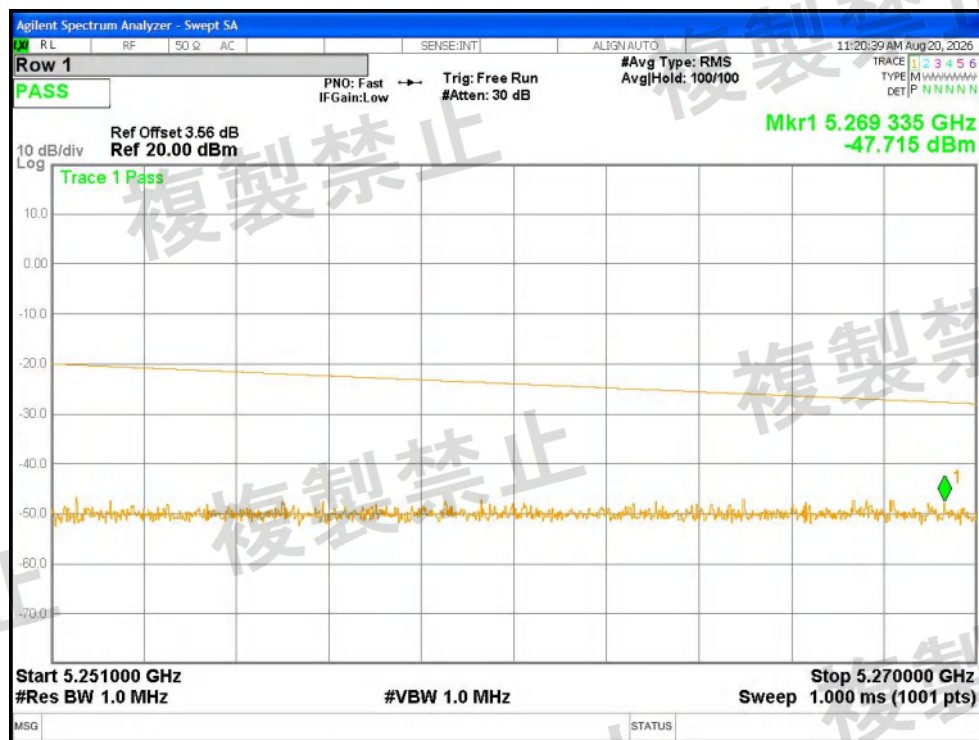
Tx. Spurious NVNT n40 5190MHz Ant1 @ 30MHz-5141.6MHz



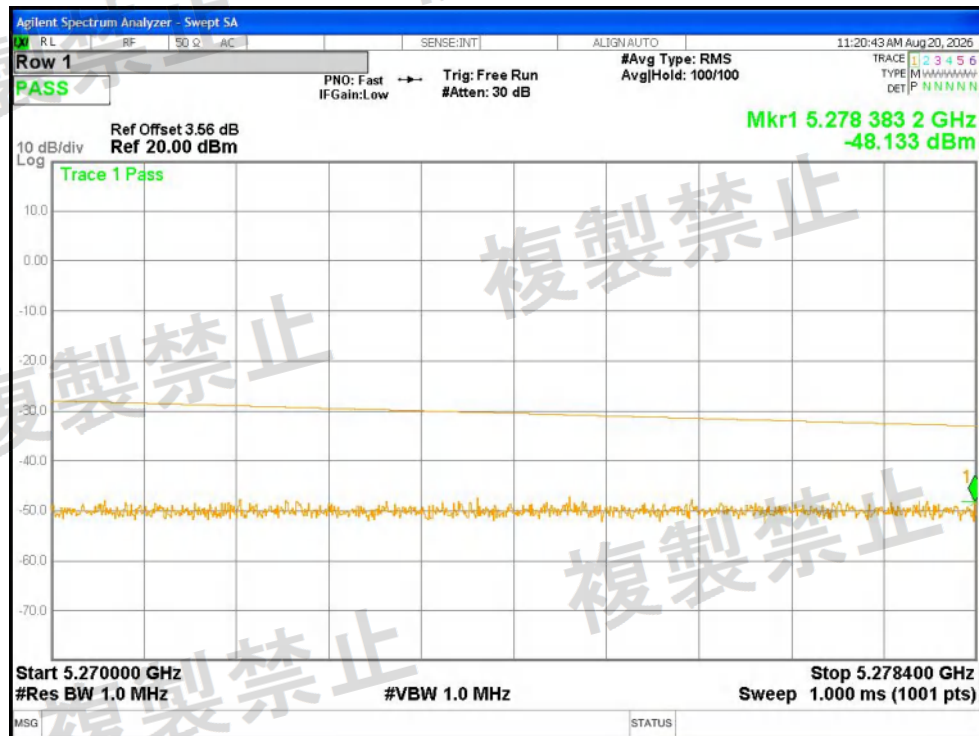
Tx. Spurious NVNT n40 5190MHz Ant1 @ 5141.6MHz-5150MHz



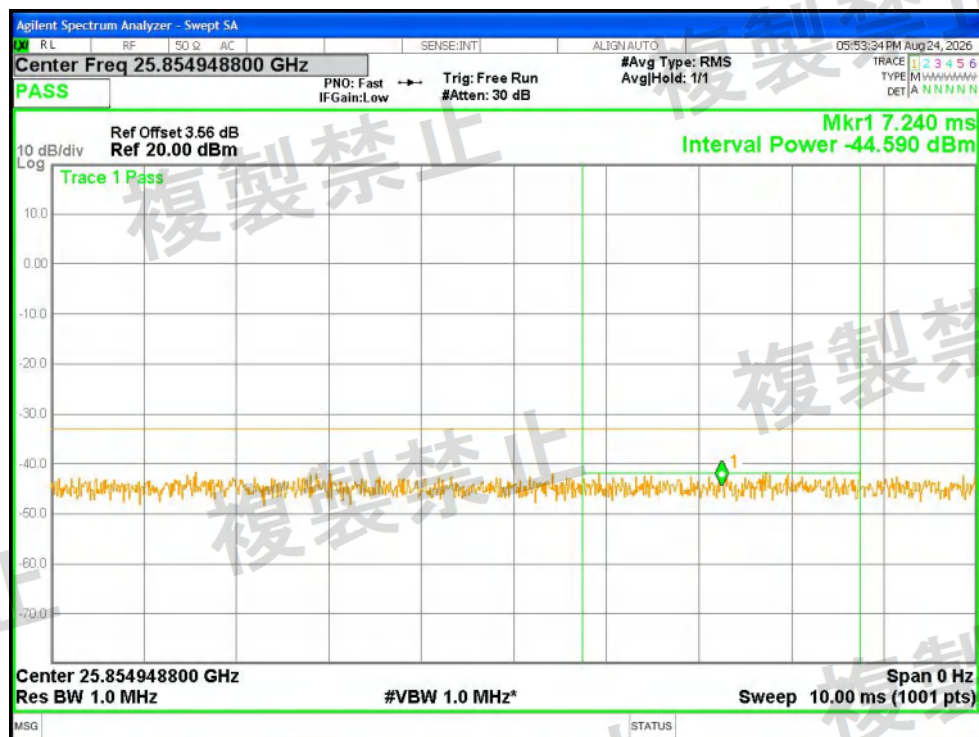
Tx. Spurious NVNT n40 5190MHz Ant1 @ 5250MHz-5251MHz



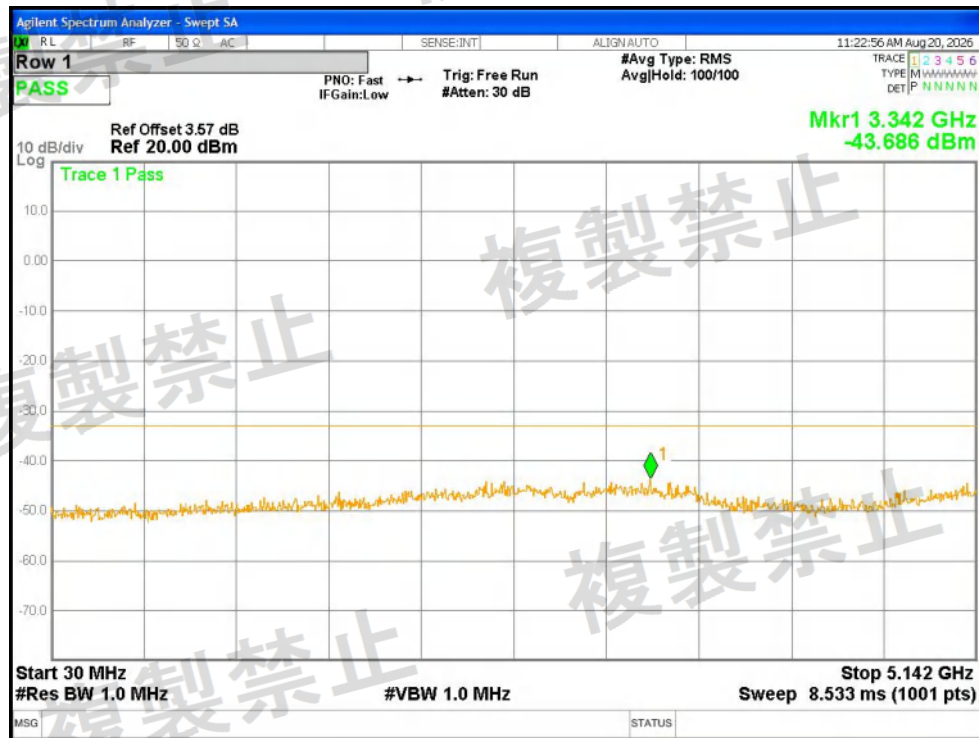
Tx. Spurious NVNT n40 5190MHz Ant1 @ 5251MHz-5270MHz



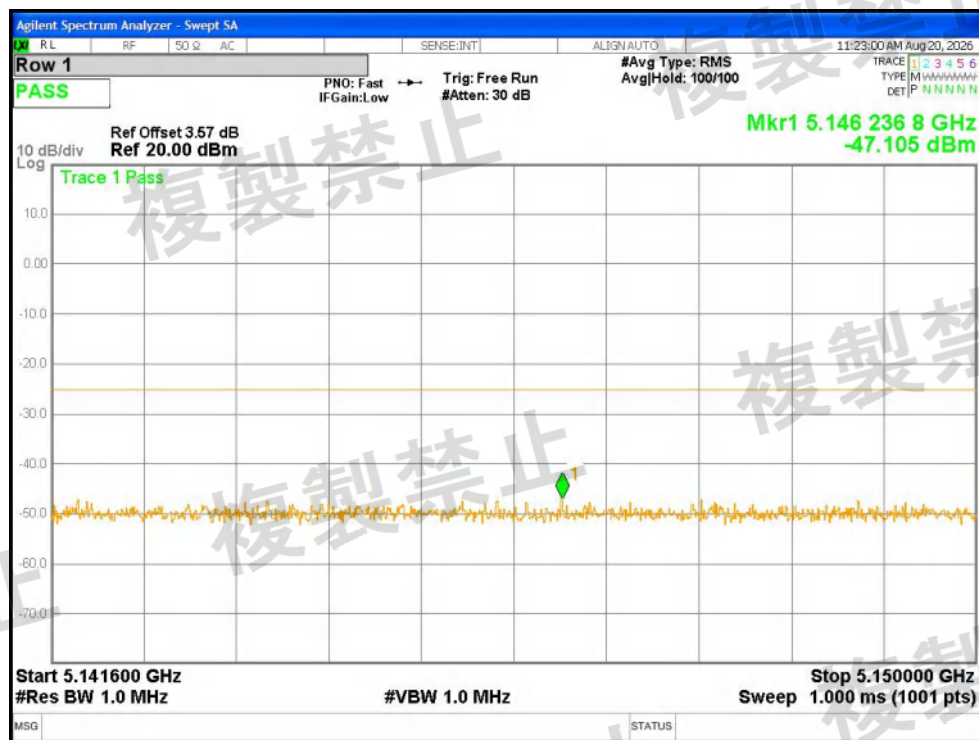
Tx. Spurious NVNT n40 5190MHz Ant1 @ 5270MHz-5278.4MHz



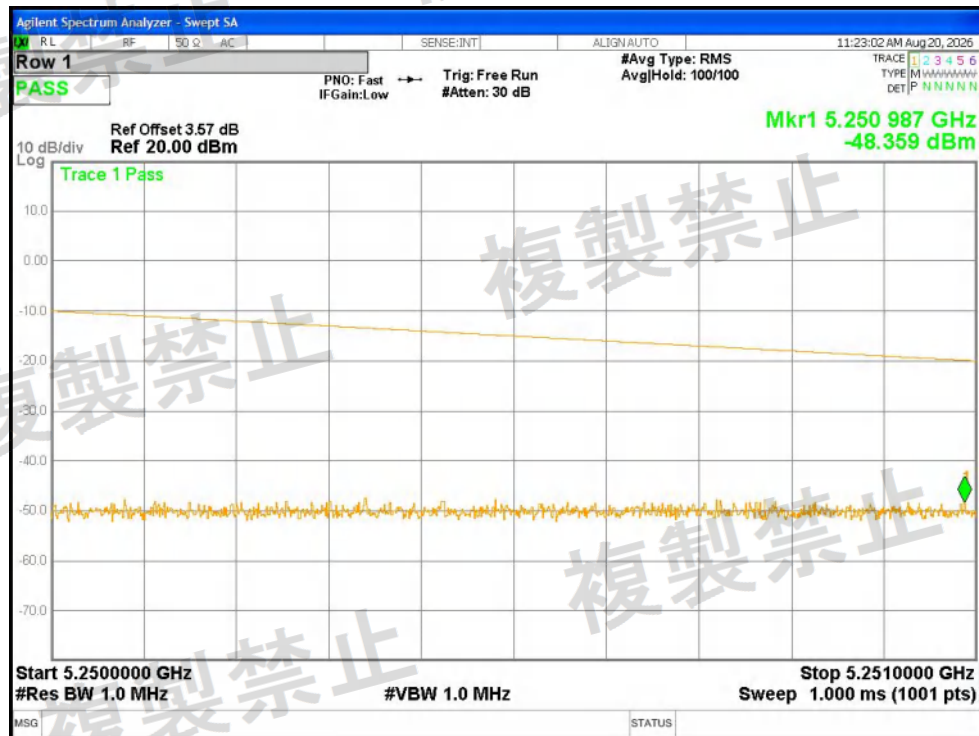
Tx. Spurious NVNT n40 5190MHz Ant1 @ 5278.4MHz-26000MHz



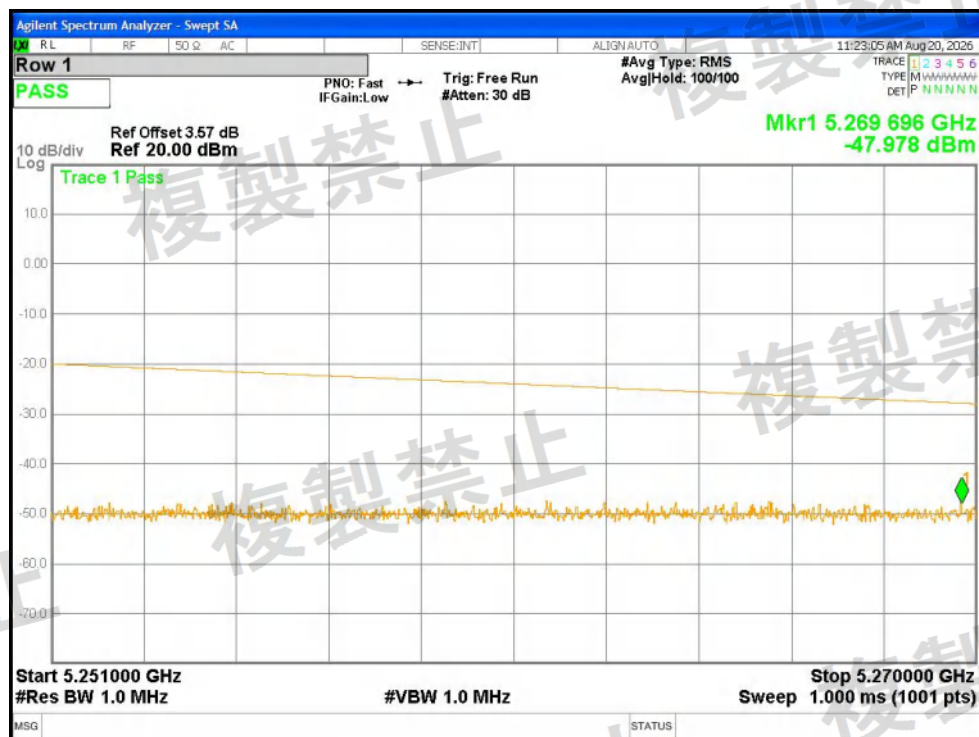
Tx. Spurious NVNT n40 5230MHz Ant1 @ 30MHz-5141.6MHz



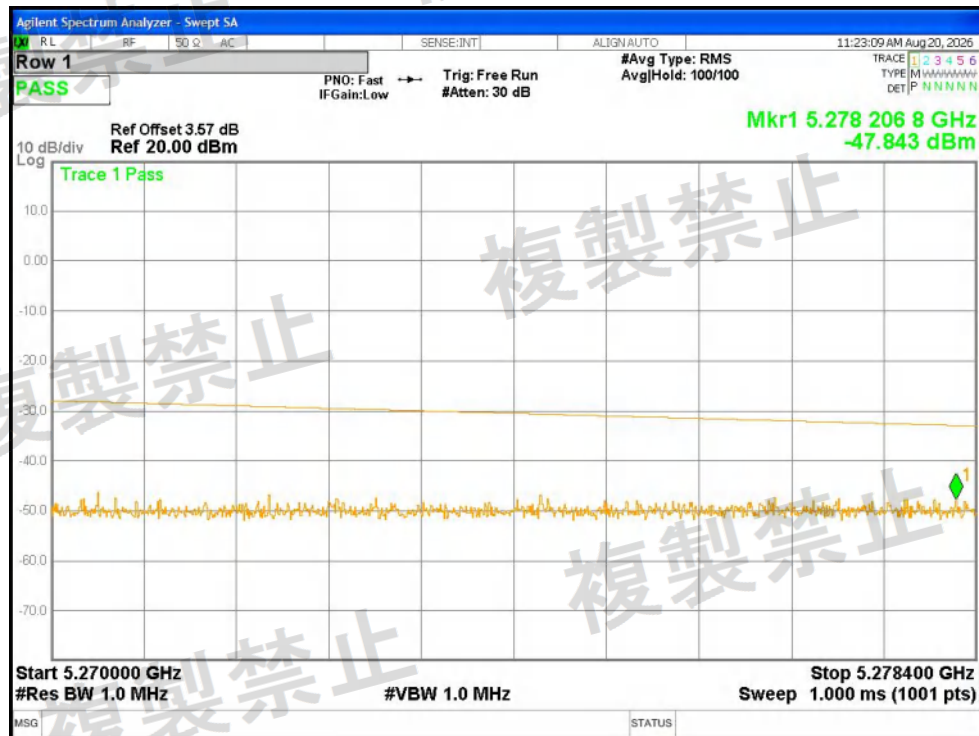
Tx. Spurious NVNT n40 5230MHz Ant1 @ 5141.6MHz-5150MHz



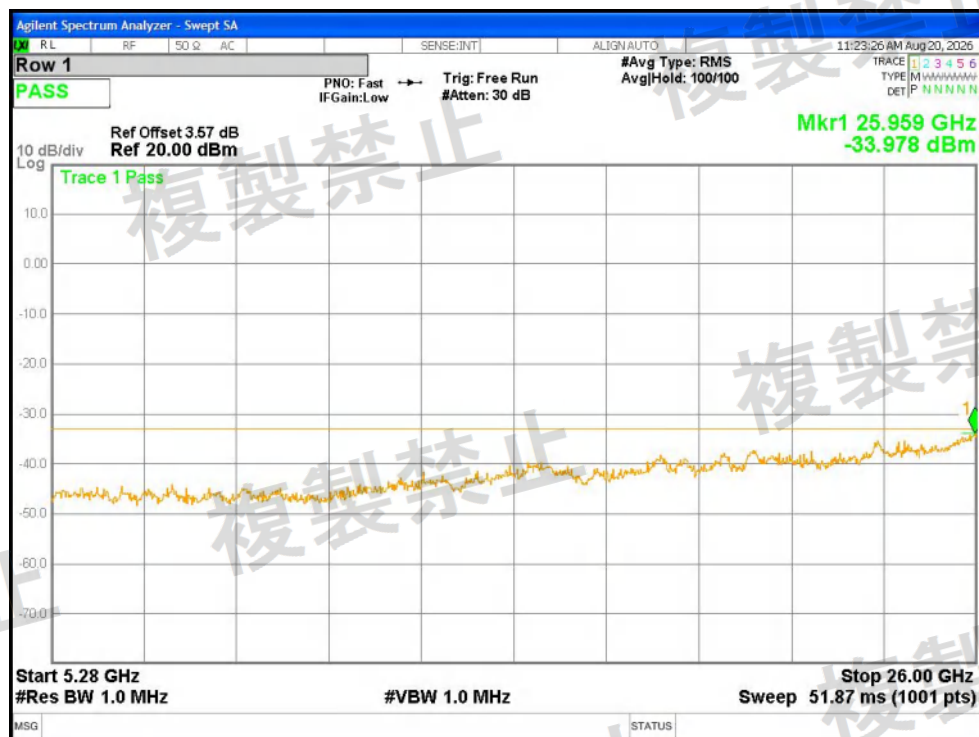
Tx. Spurious NVNT n40 5230MHz Ant1 @ 5250MHz-5251MHz



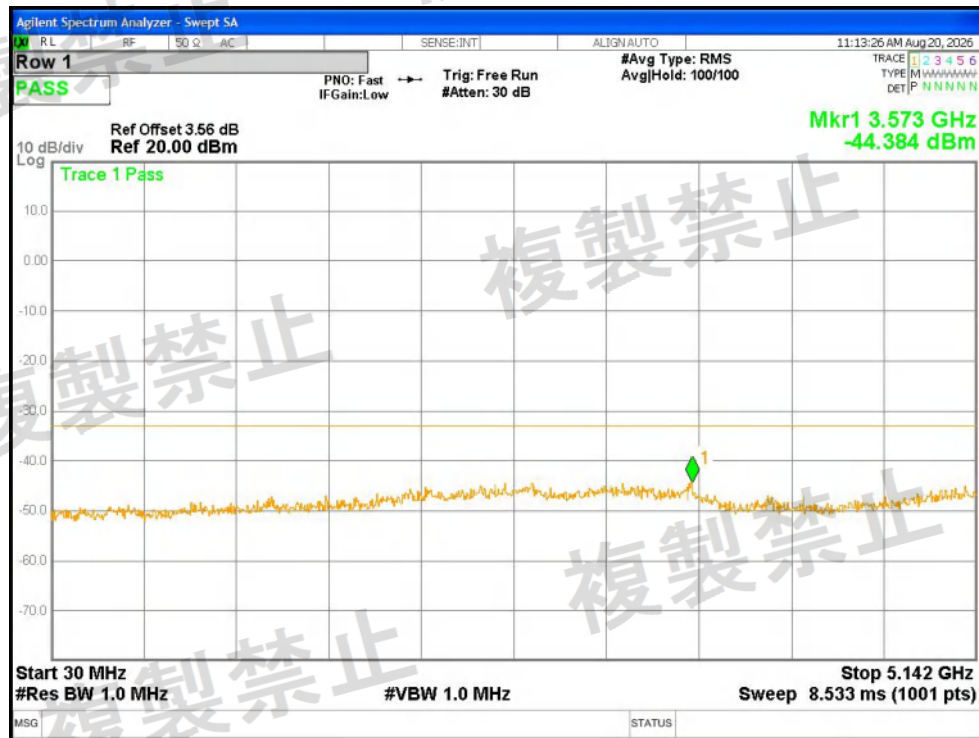
Tx. Spurious NVNT n40 5230MHz Ant1 @ 5251MHz-5270MHz



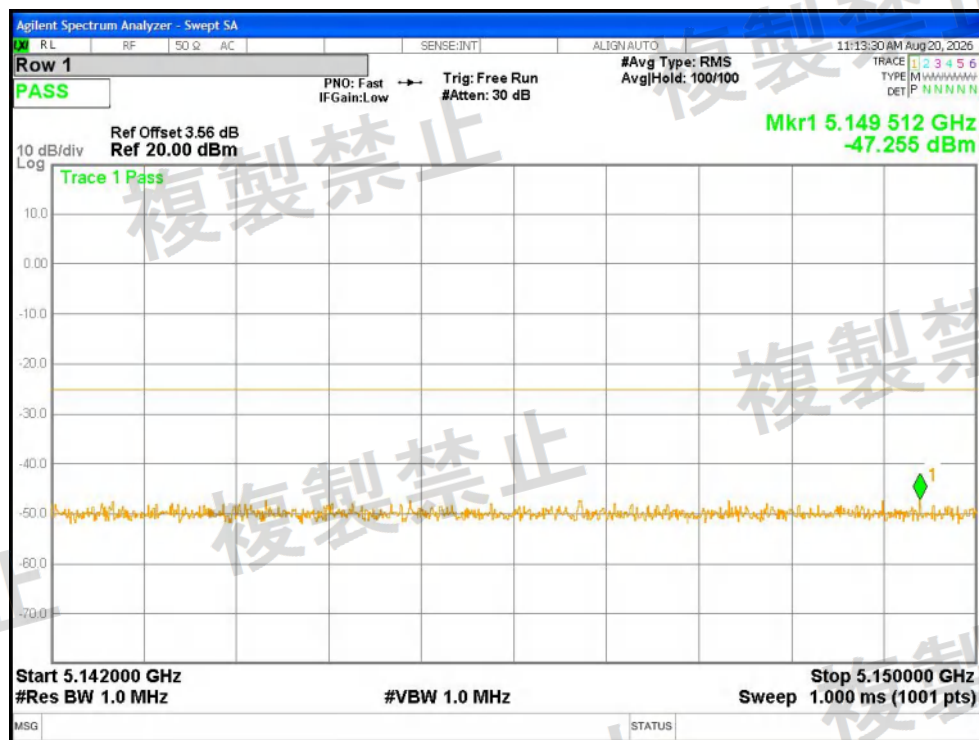
Tx. Spurious NVNT n40 5230MHz Ant1 @ 5270MHz-5278.4MHz



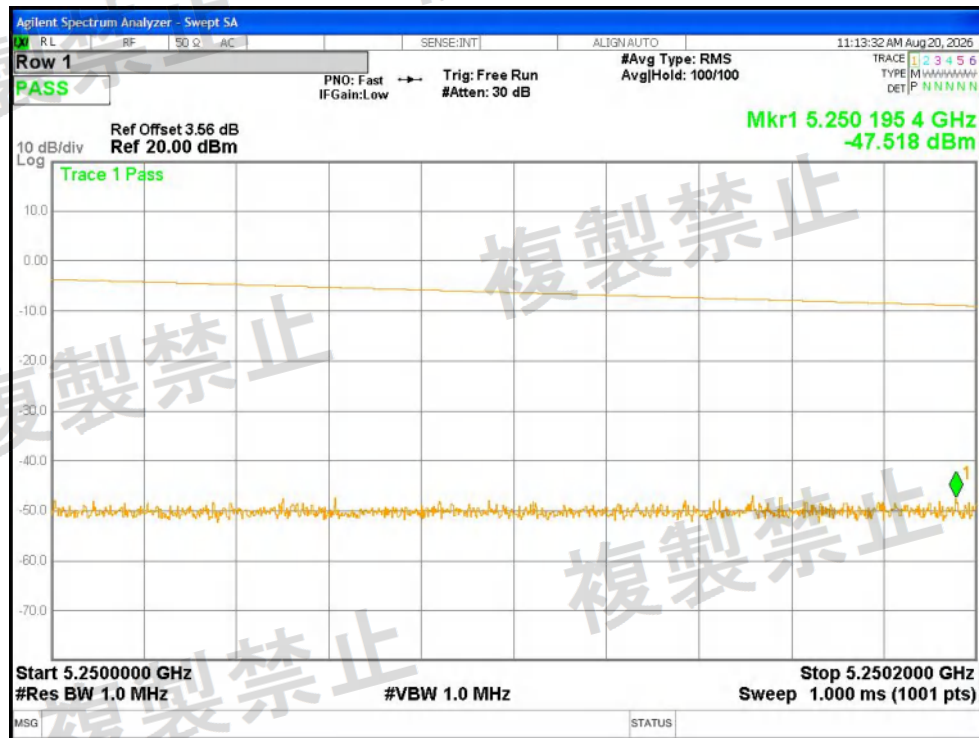
Tx. Spurious NVNT n40 5230MHz Ant1 @ 5278.4MHz-26000MHz



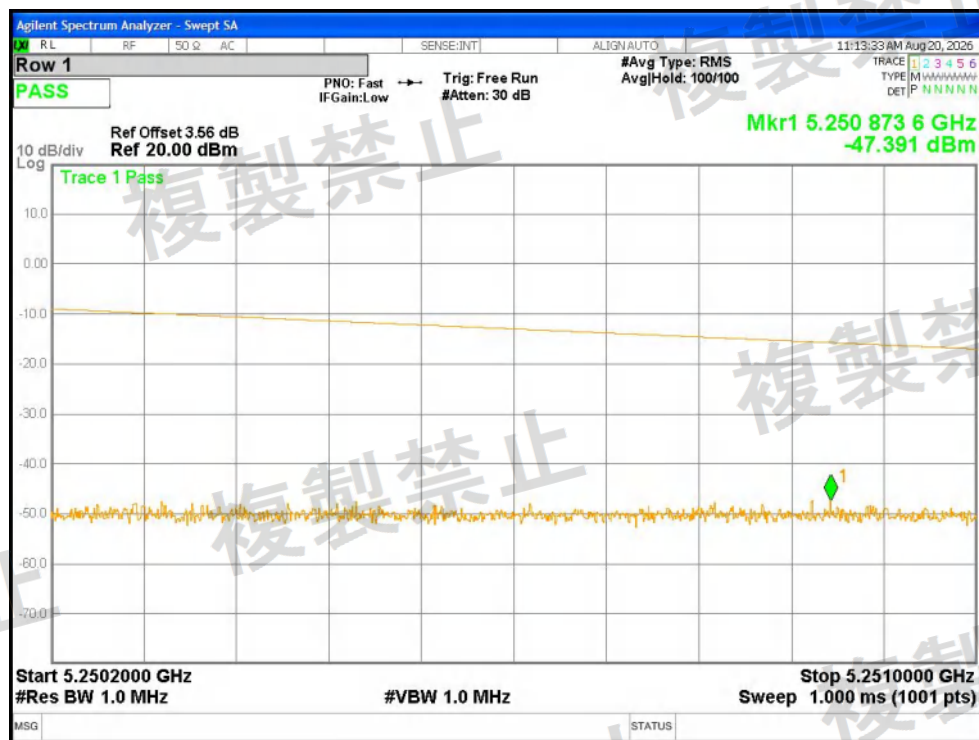
Tx. Spurious NVNT ac20 5180MHz Ant1 @ 30MHz-5142MHz



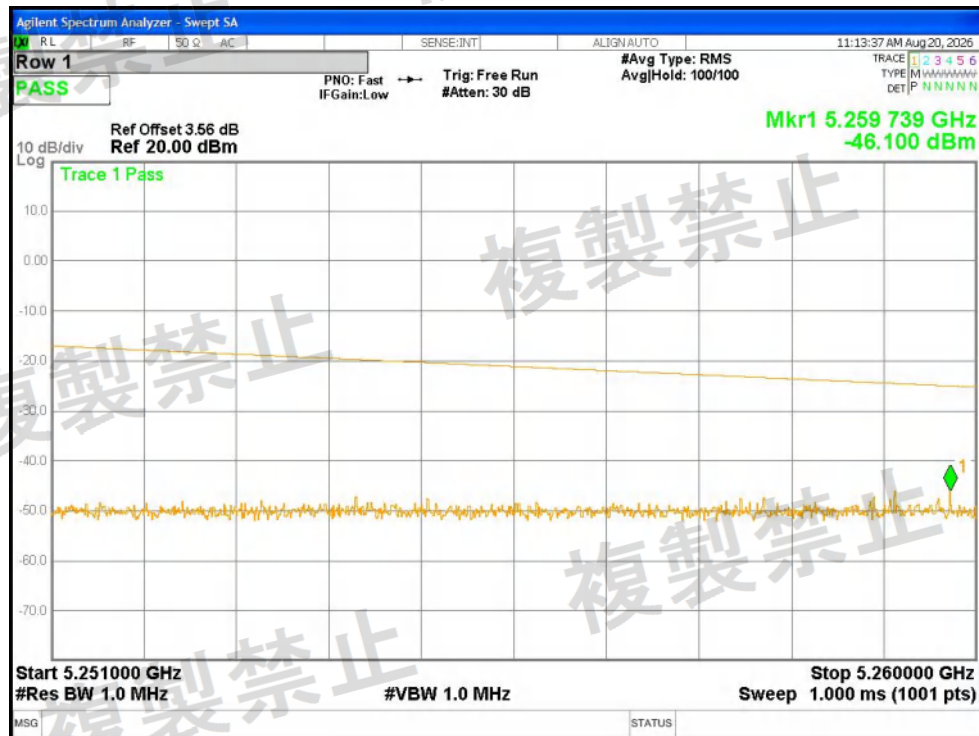
Tx. Spurious NVNT ac20 5180MHz Ant1 @ 5142MHz-5150MHz



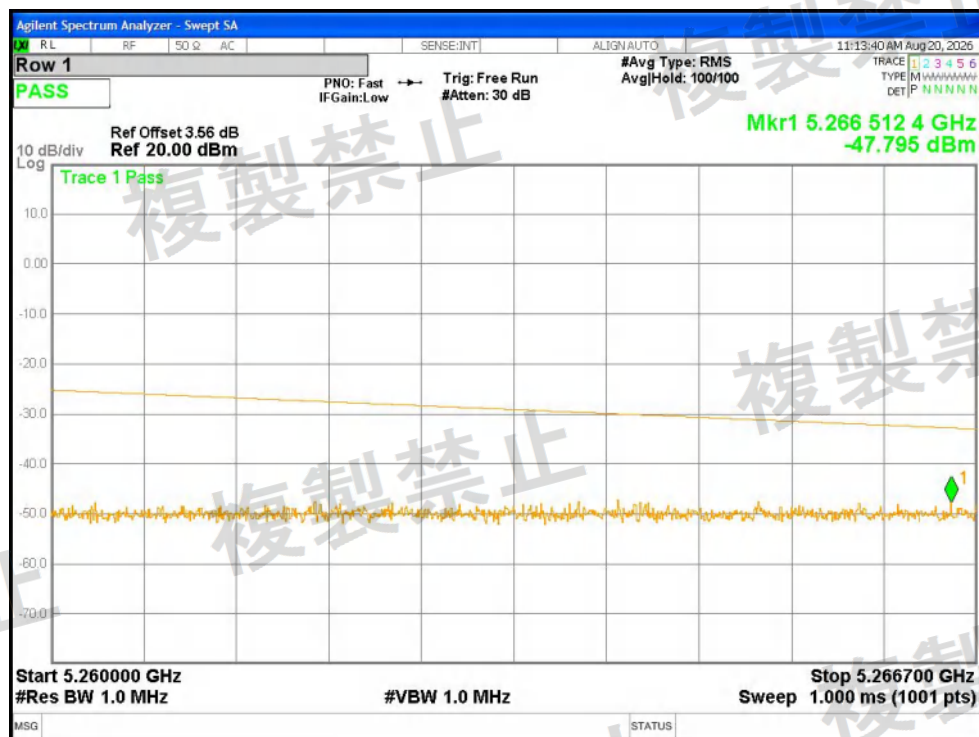
Tx. Spurious NVNT ac20 5180MHz Ant1 @ 5250MHz-5250.2MHz



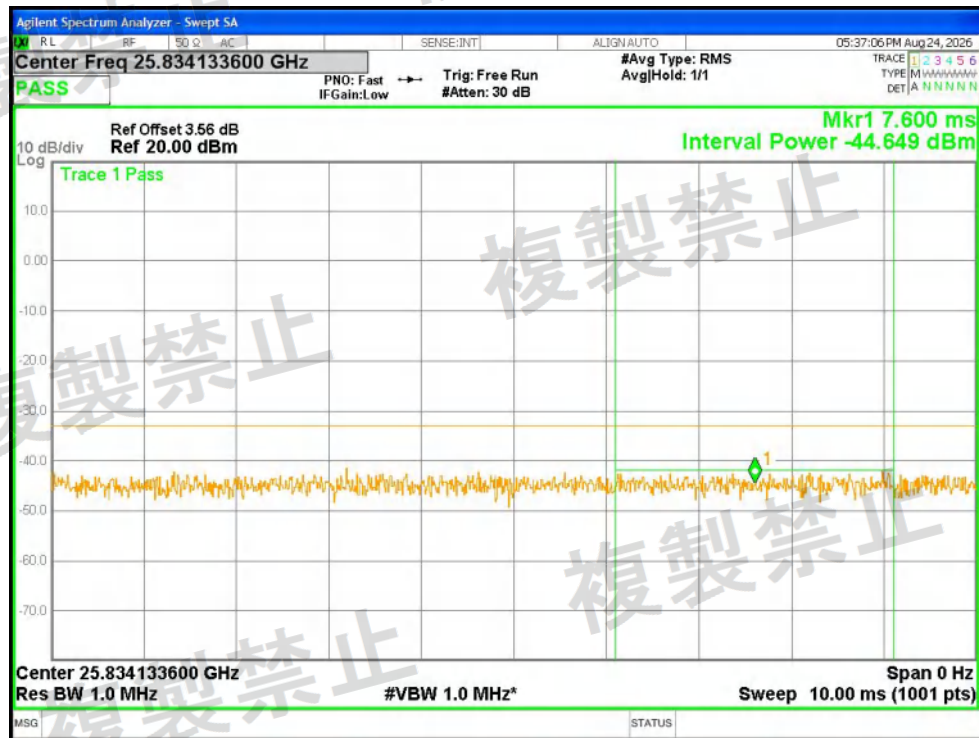
Tx. Spurious NVNT ac20 5180MHz Ant1 @ 5250.2MHz-5251MHz



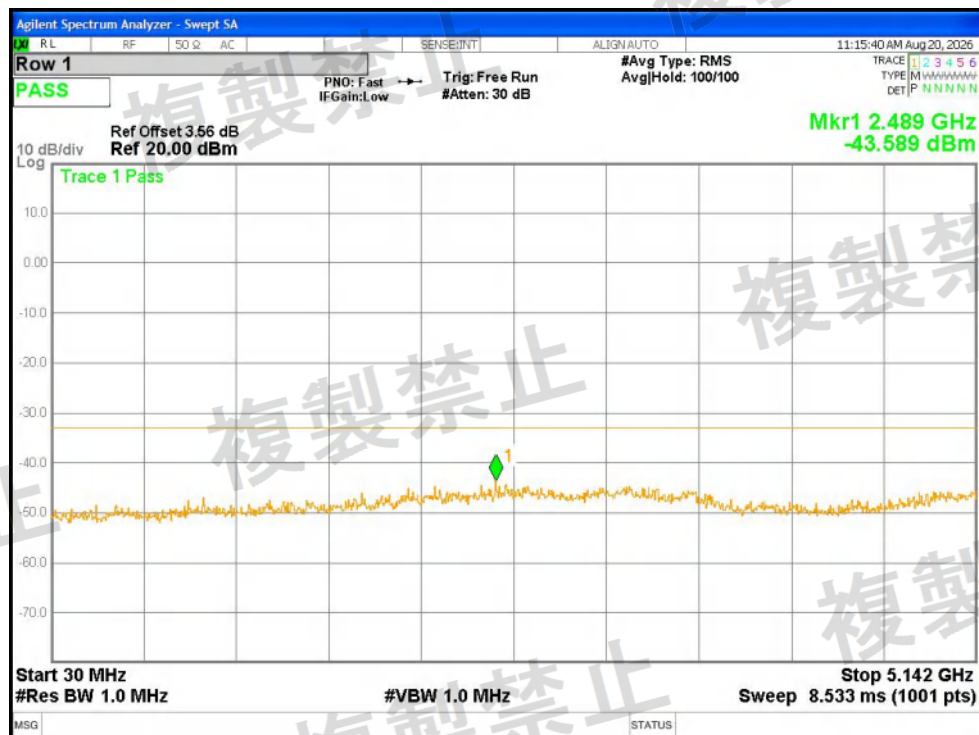
Tx. Spurious NVNT ac20 5180MHz Ant1 @ 5251MHz-5260MHz



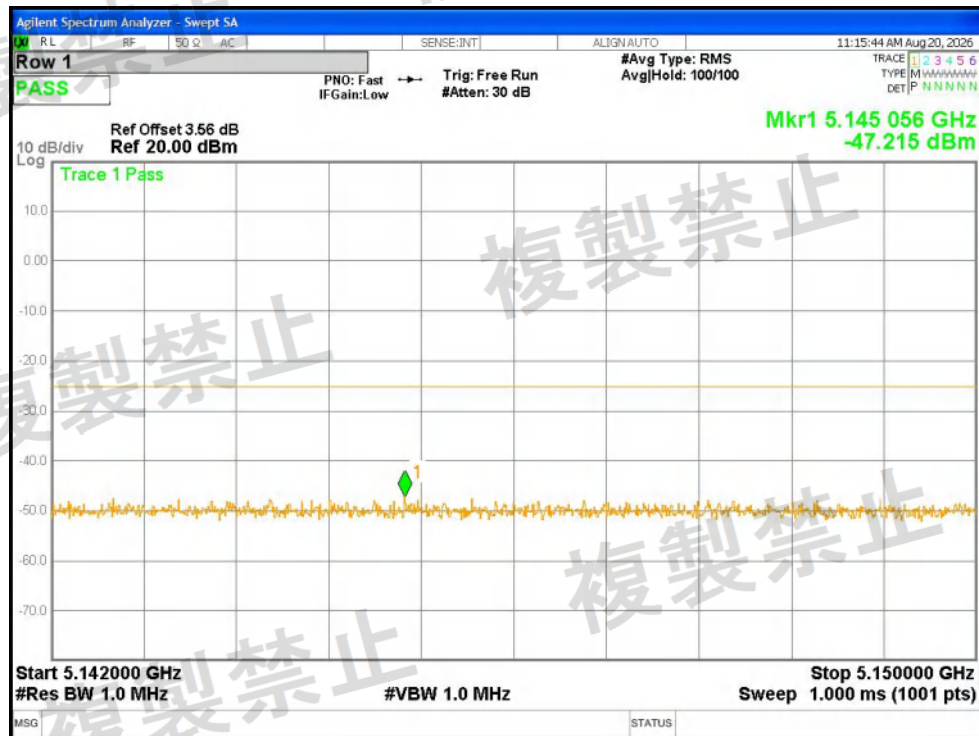
Tx. Spurious NVNT ac20 5180MHz Ant1 @ 5260MHz-5266.7MHz



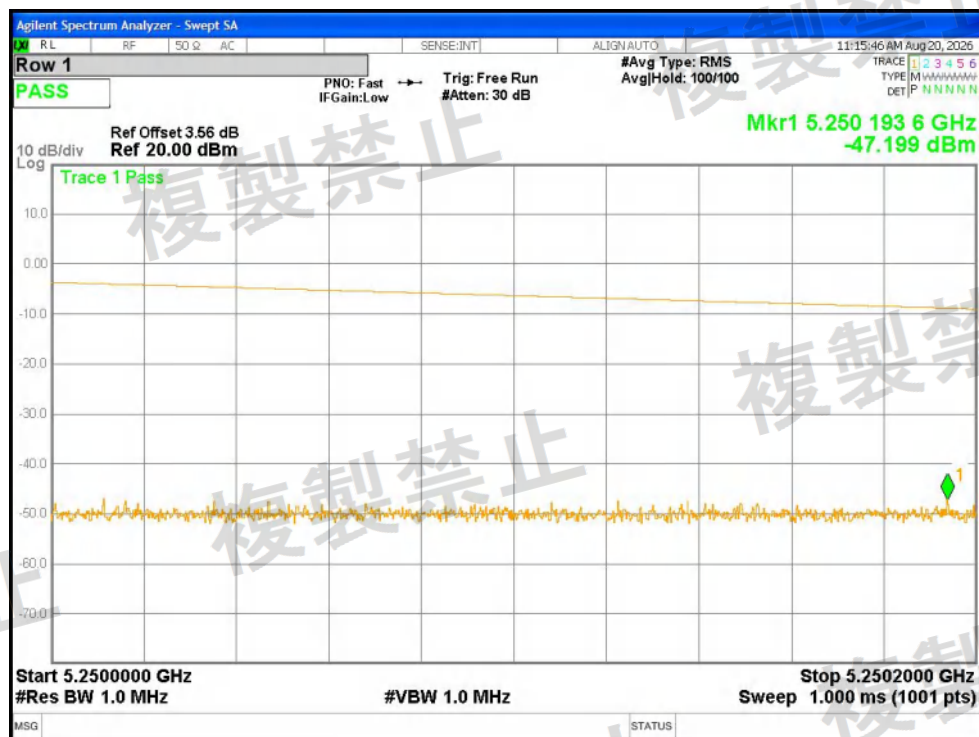
Tx. Spurious NVNT ac20 5180MHz Ant1 @ 5266.7MHz-26000MHz



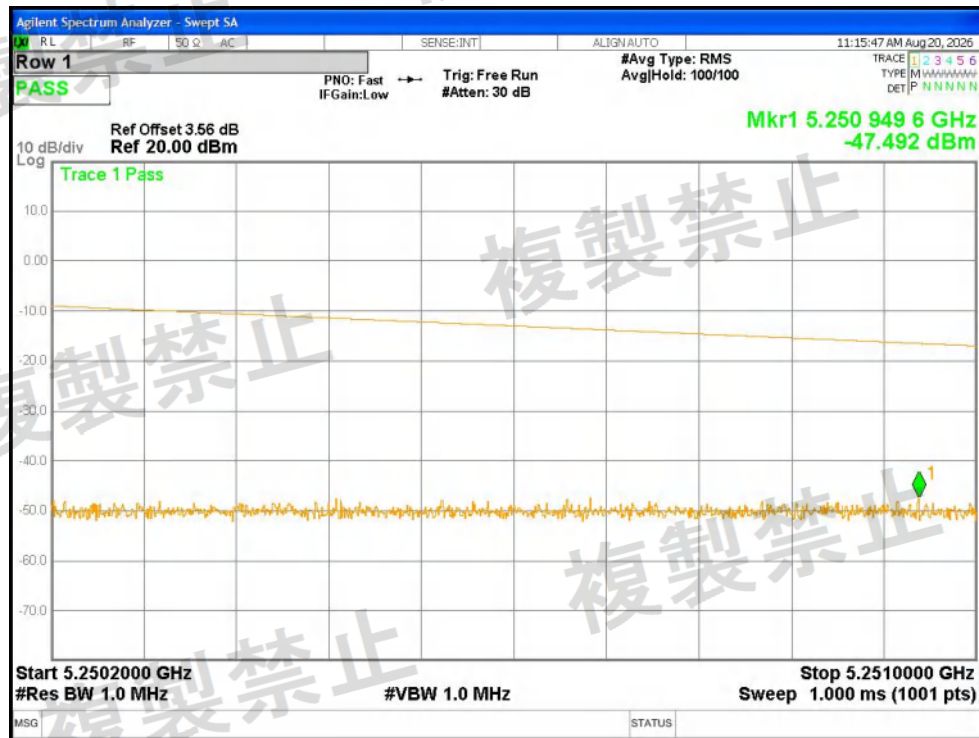
Tx. Spurious NVNT ac20 5200MHz Ant1 @ 30MHz-5142MHz



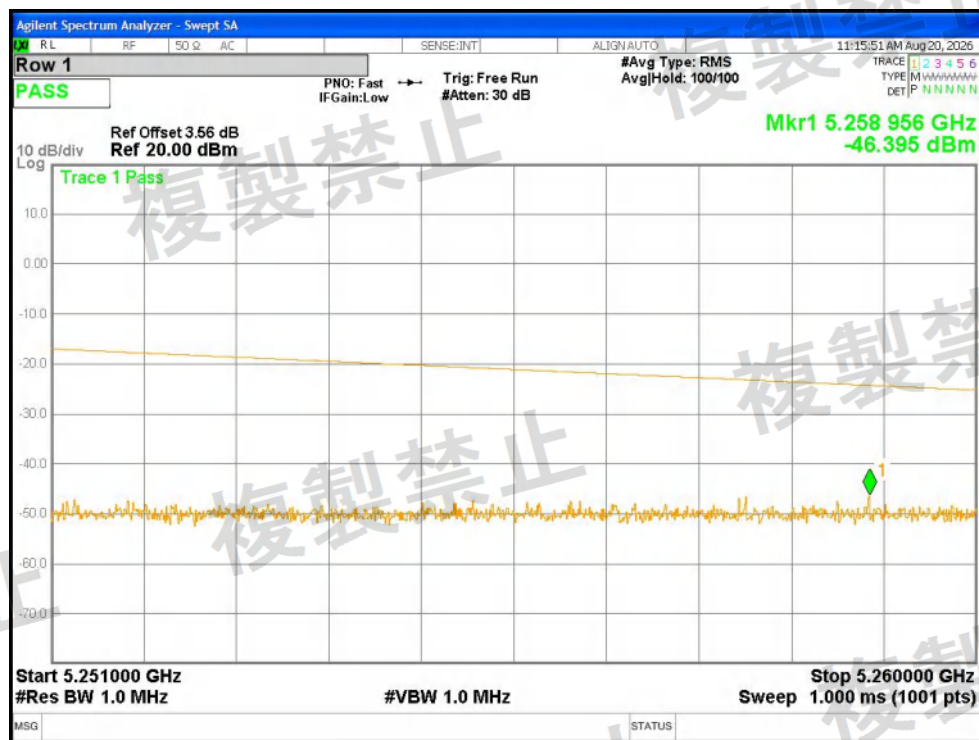
Tx. Spurious NVNT ac20 5200MHz Ant1 @ 5142MHz-5150MHz



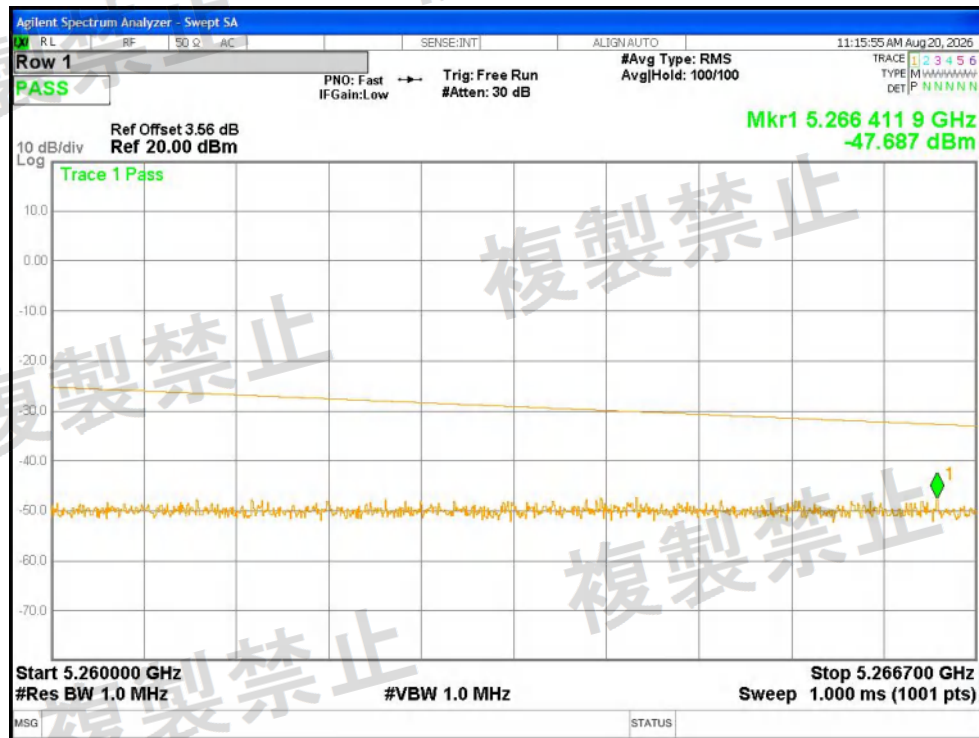
Tx. Spurious NVNT ac20 5200MHz Ant1 @ 5250MHz-5250.2MHz



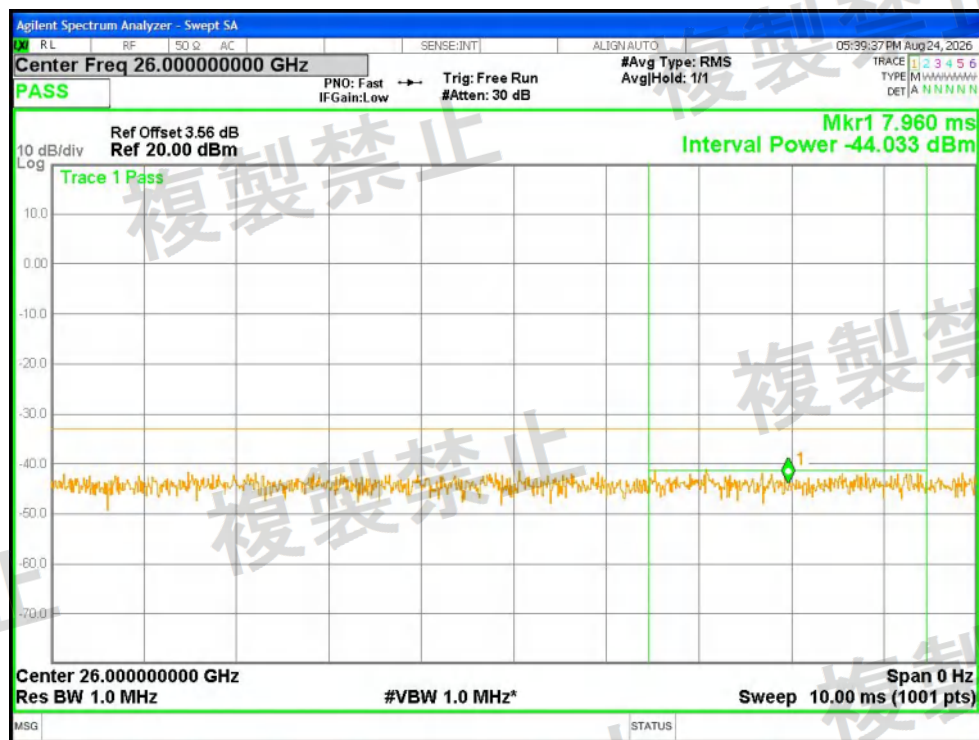
Tx. Spurious NVNT ac20 5200MHz Ant1 @ 5250.2MHz-5251MHz



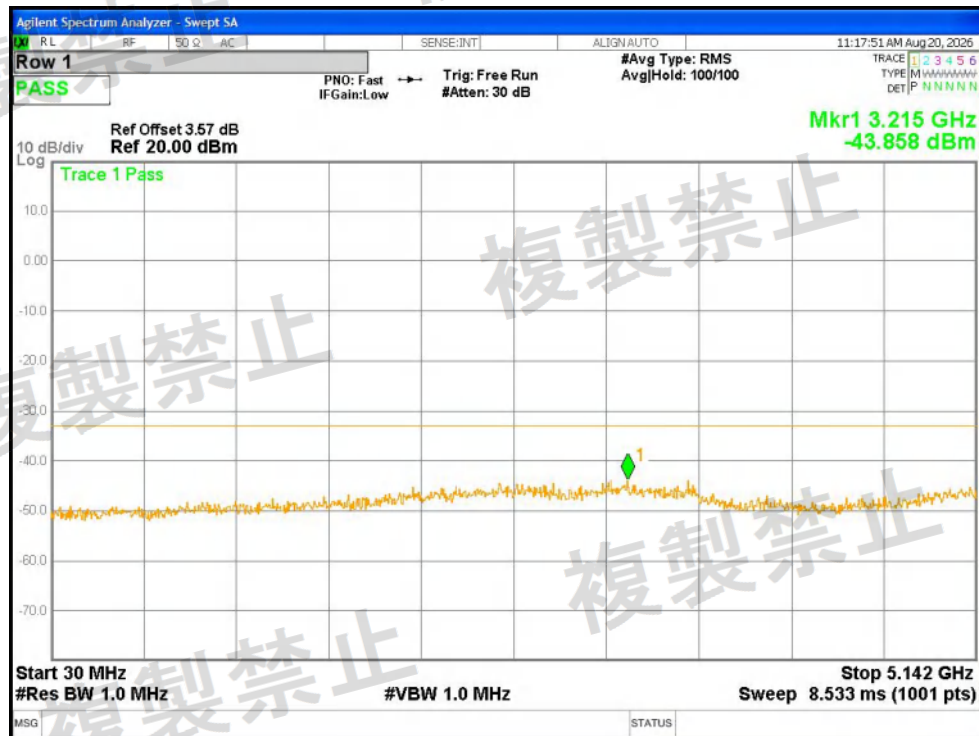
Tx. Spurious NVNT ac20 5200MHz Ant1 @ 5251MHz-5260MHz



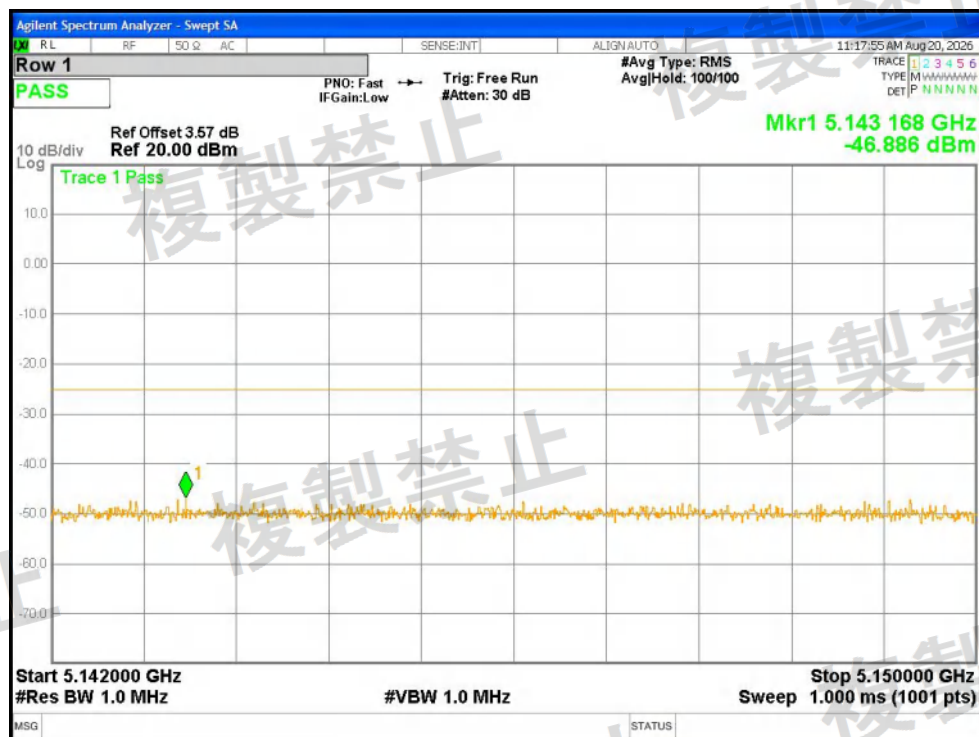
Tx. Spurious NVNT ac20 5200MHz Ant1 @ 5260MHz-5266.7MHz



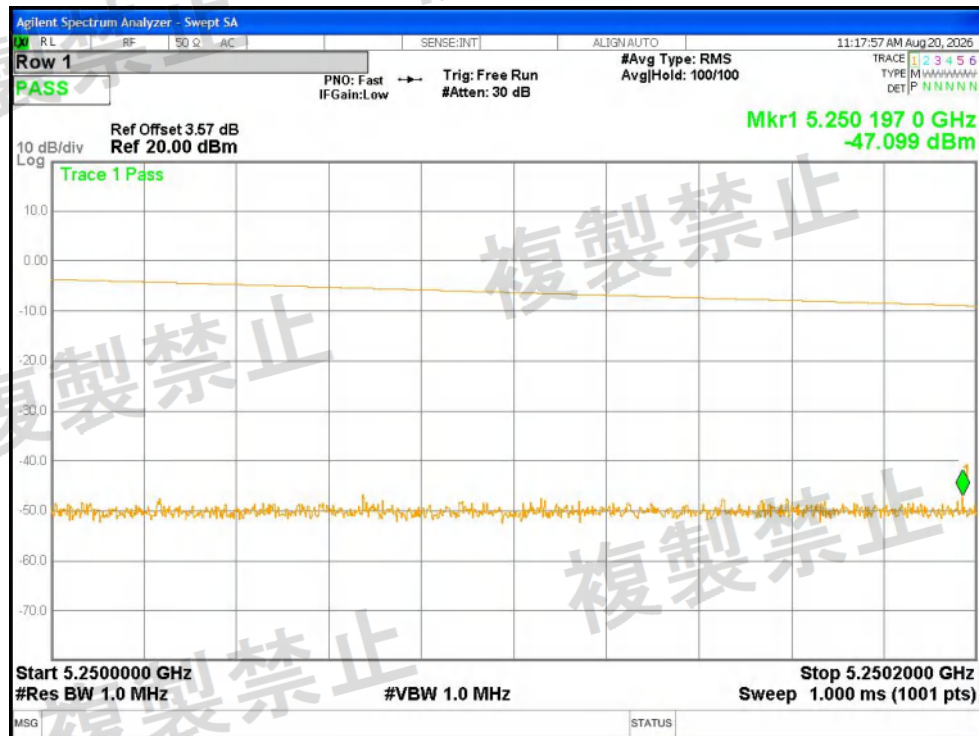
Tx. Spurious NVNT ac20 5200MHz Ant1 @ 5266.7MHz-26000MHz



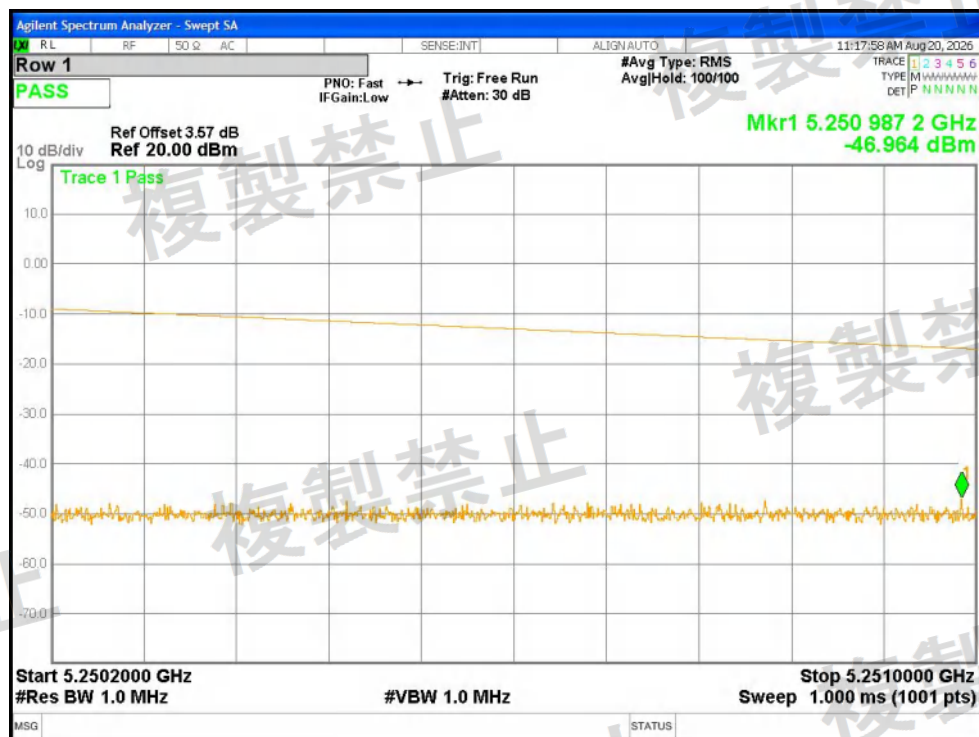
Tx. Spurious NVNT ac20 5240MHz Ant1 @ 30MHz-5142MHz



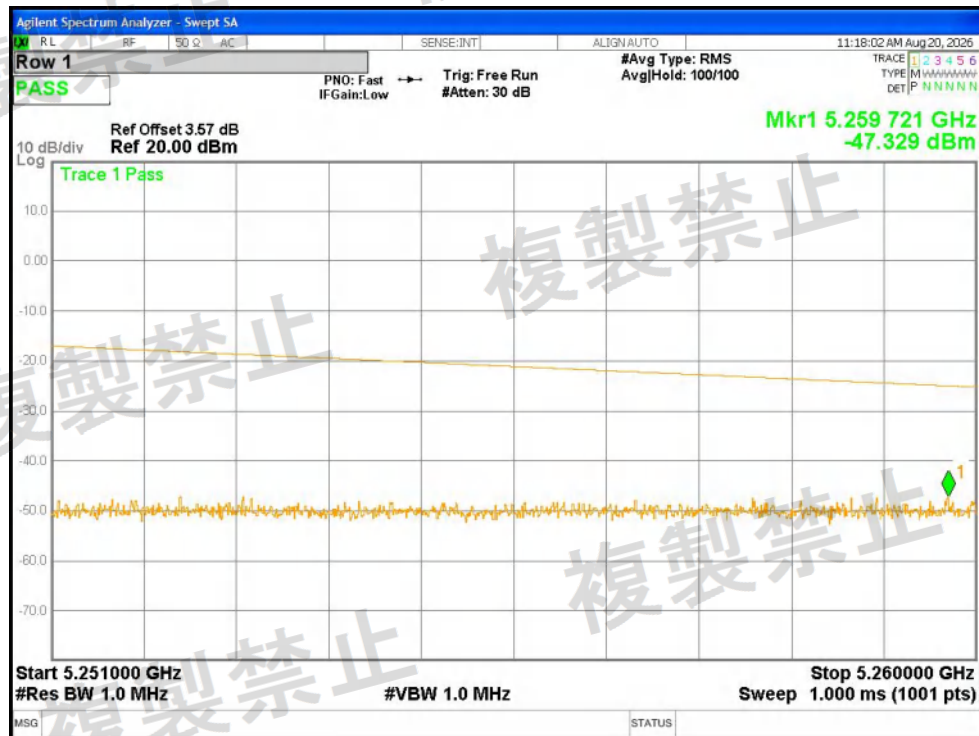
Tx. Spurious NVNT ac20 5240MHz Ant1 @ 5142MHz-5150MHz



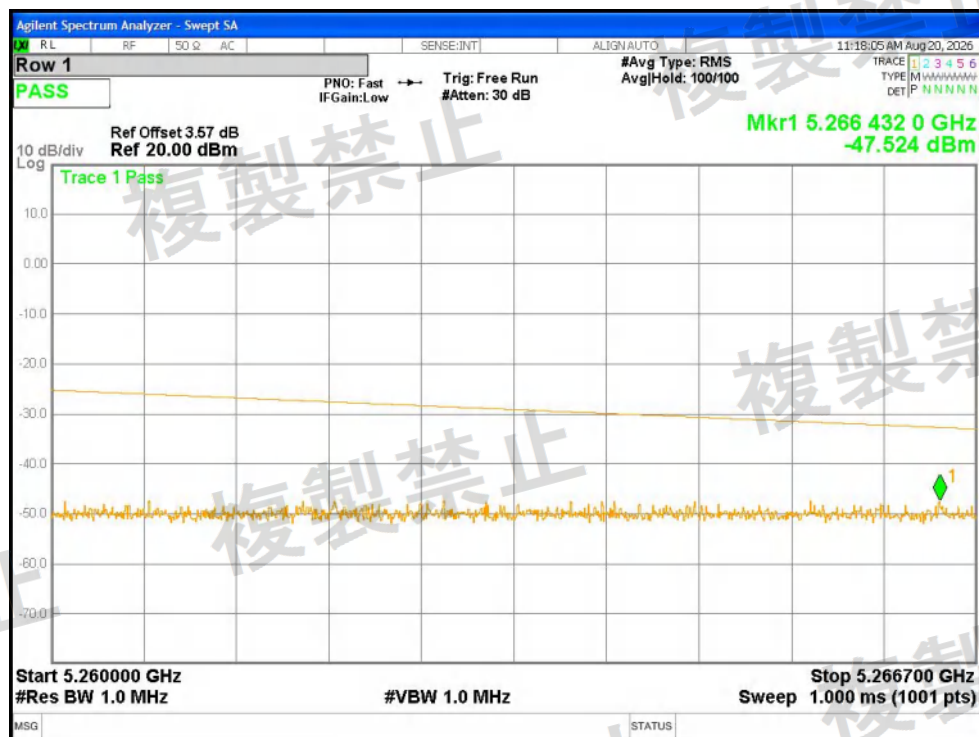
Tx. Spurious NVNT ac20 5240MHz Ant1 @ 5250MHz-5250.2MHz



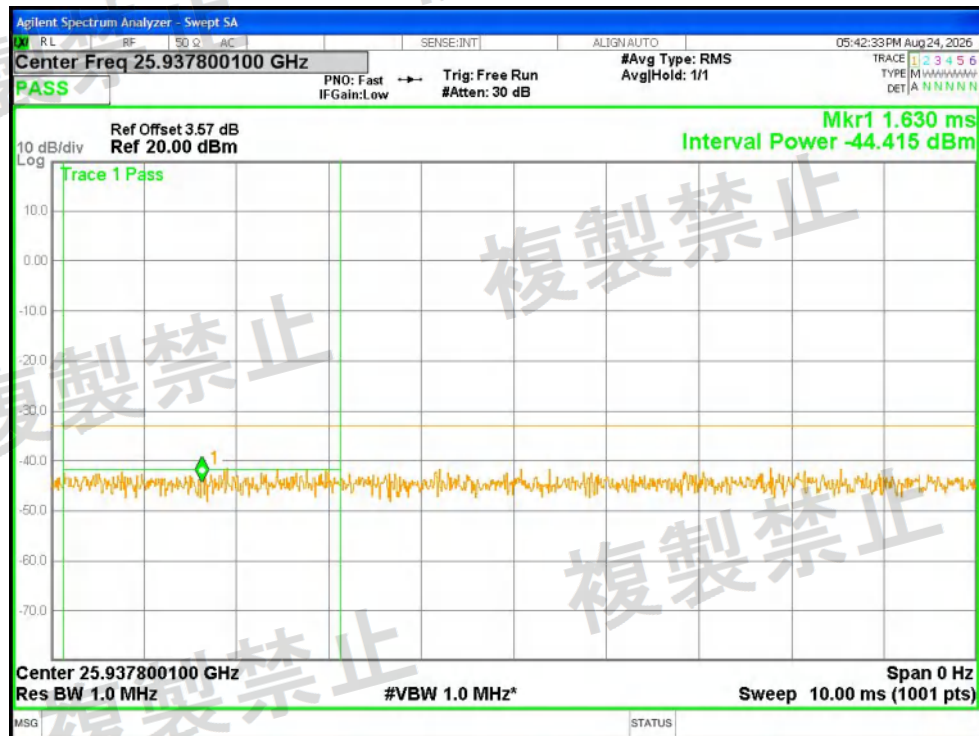
Tx. Spurious NVNT ac20 5240MHz Ant1 @ 5250.2MHz-5251MHz



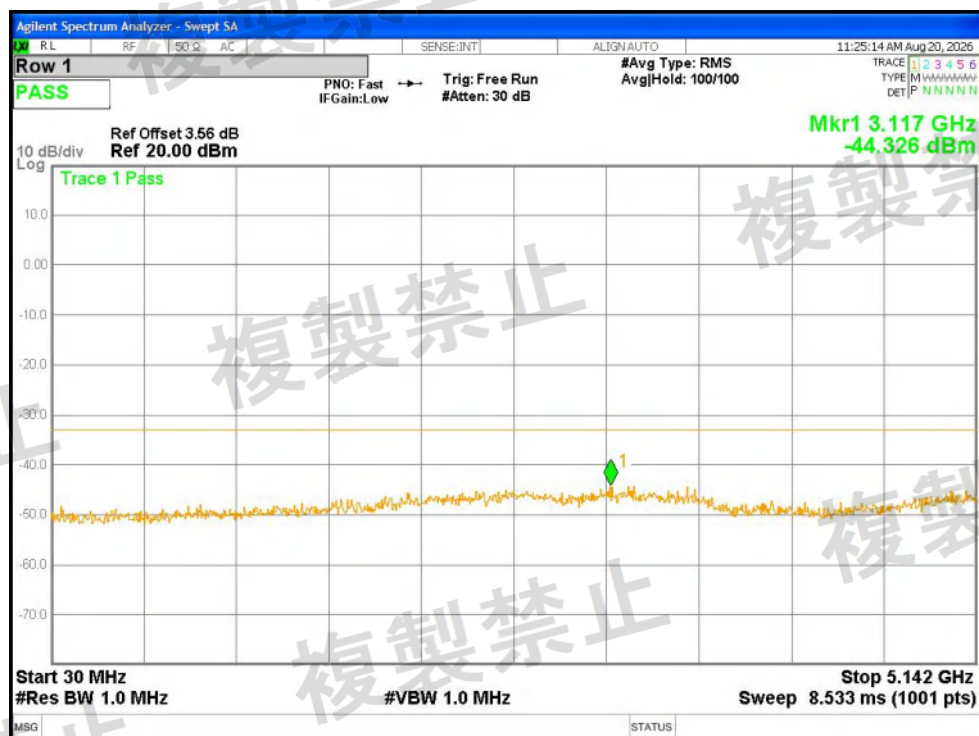
Tx. Spurious NVNT ac20 5240MHz Ant1 @ 5251MHz-5260MHz



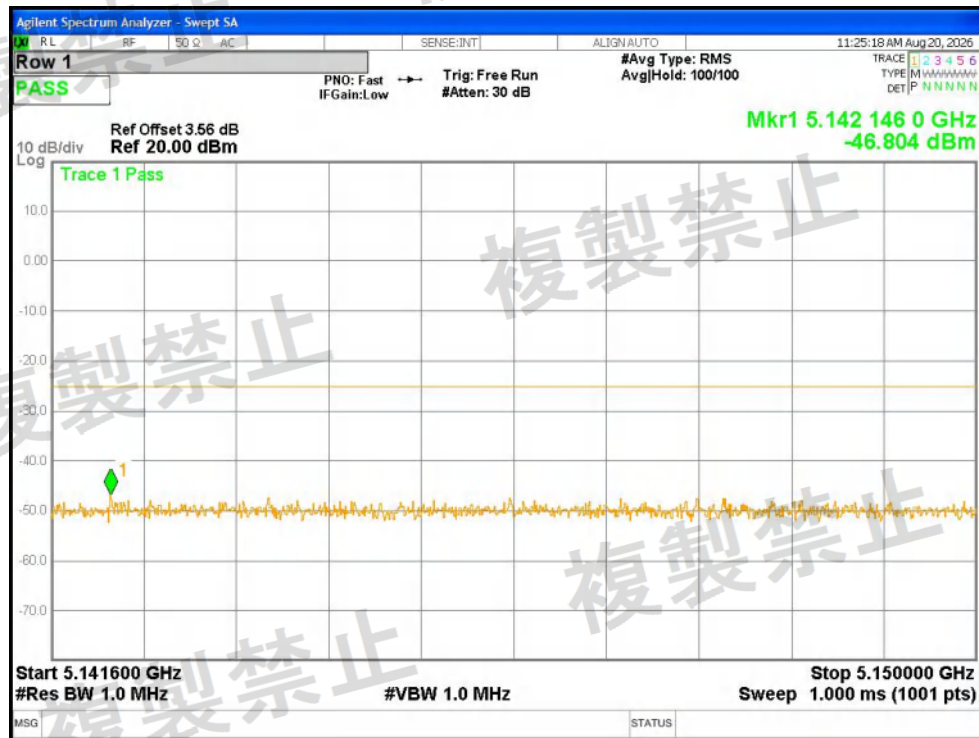
Tx. Spurious NVNT ac20 5240MHz Ant1 @ 5260MHz-5266.7MHz



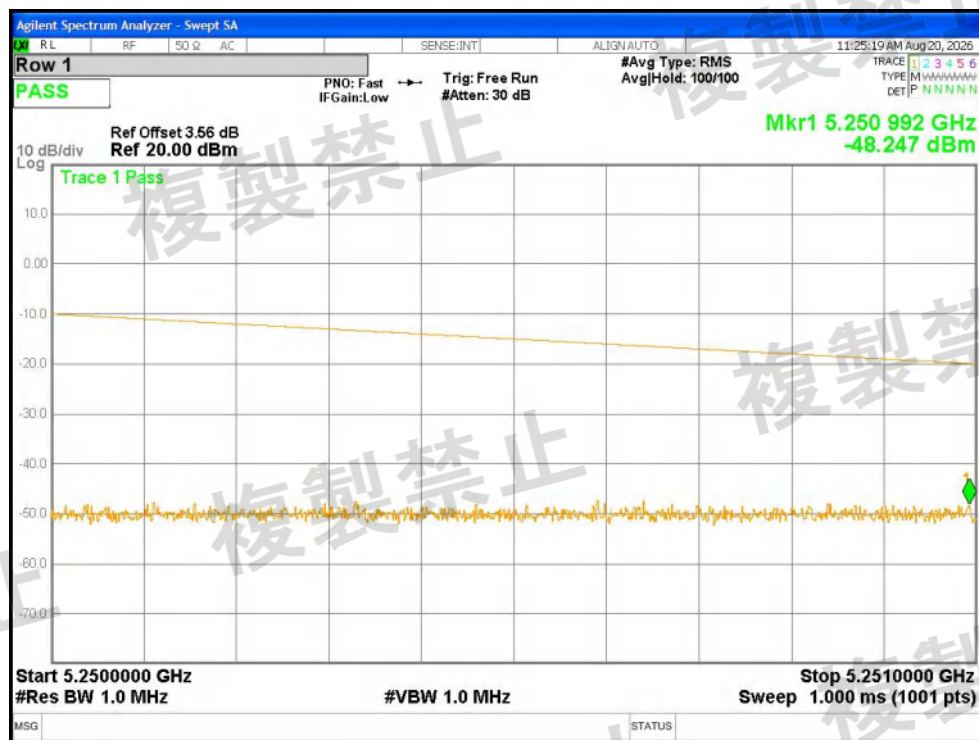
Tx. Spurious NVNT ac20 5240MHz Ant1 @ 5266.7MHz-26000MHz



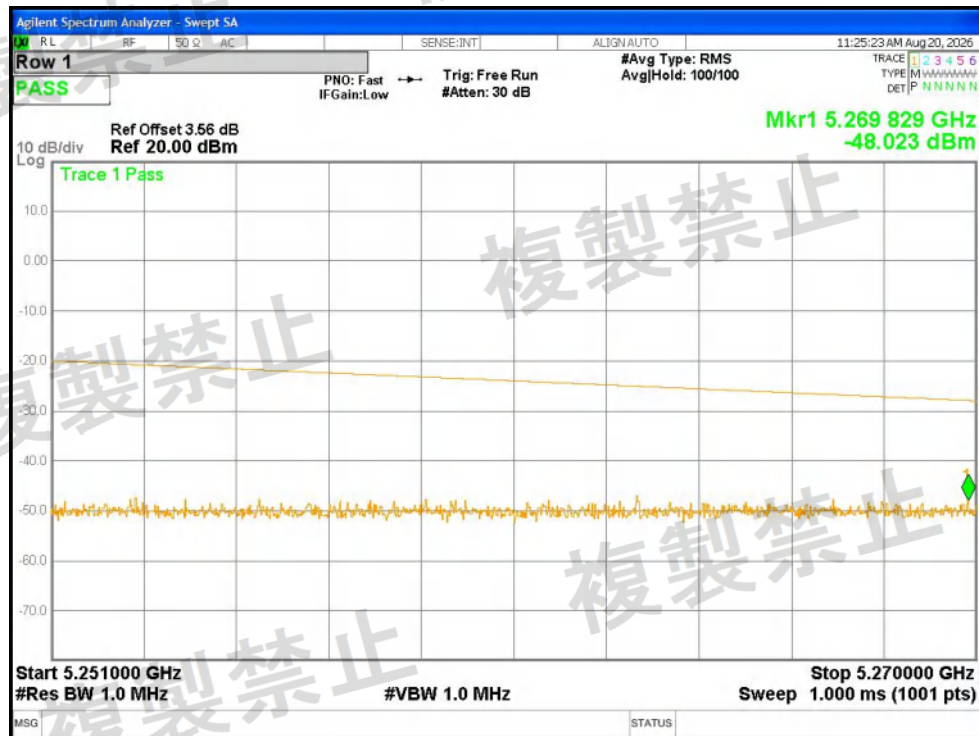
Tx. Spurious NVNT ac40 5190MHz Ant1 @ 30MHz-5141.6MHz



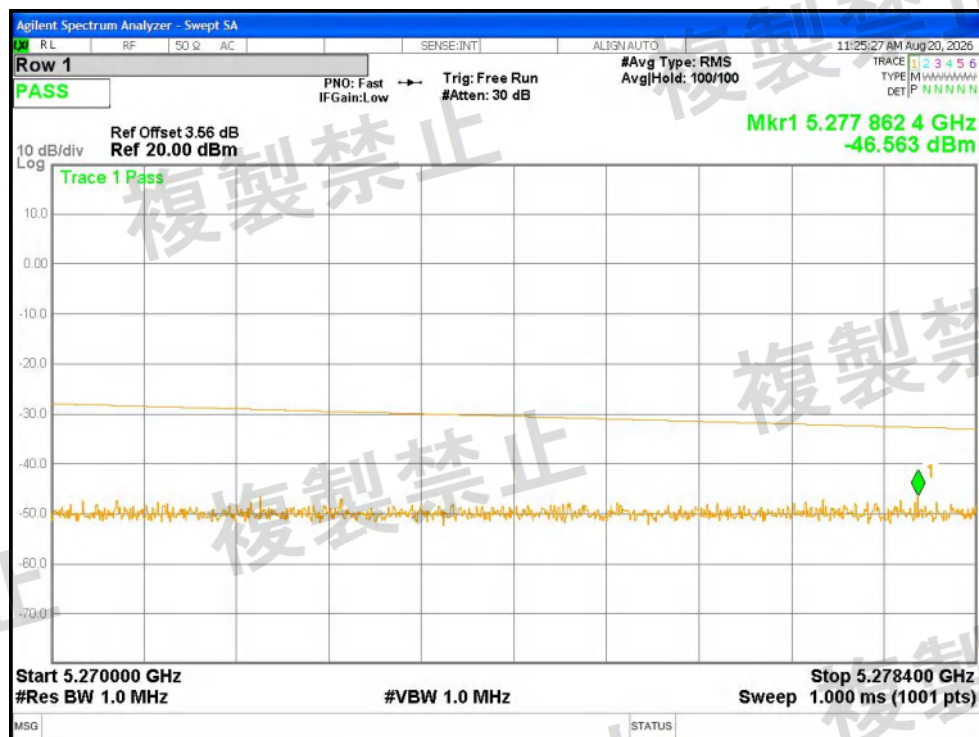
Tx. Spurious NVNT ac40 5190MHz Ant1 @ 5141.6MHz-5150MHz



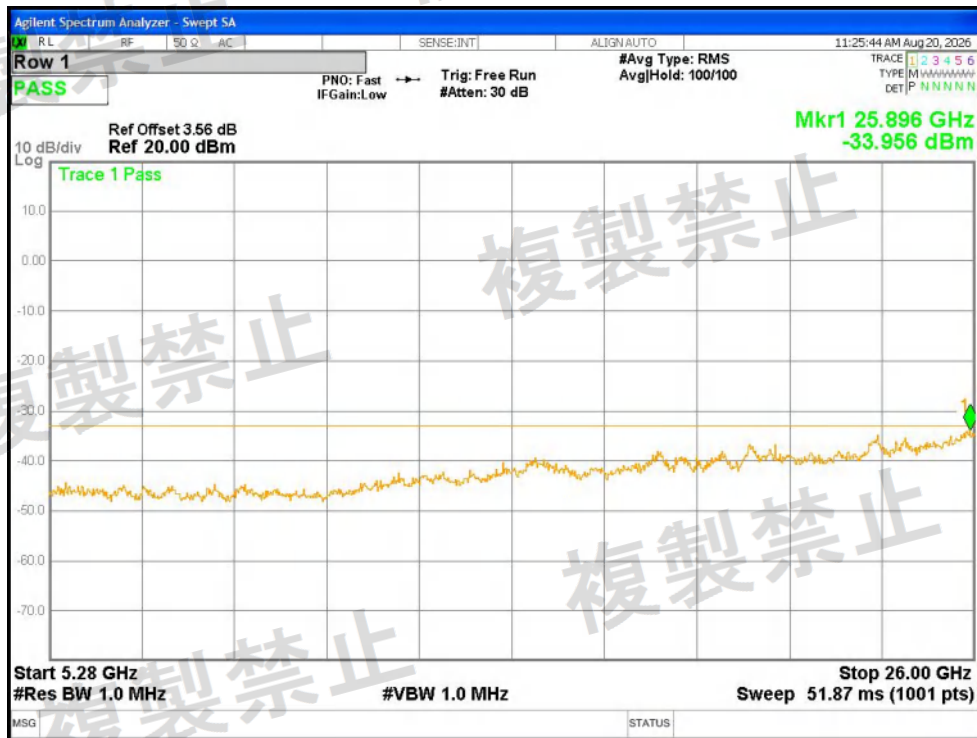
Tx. Spurious NVNT ac40 5190MHz Ant1 @ 5250MHz-5251MHz



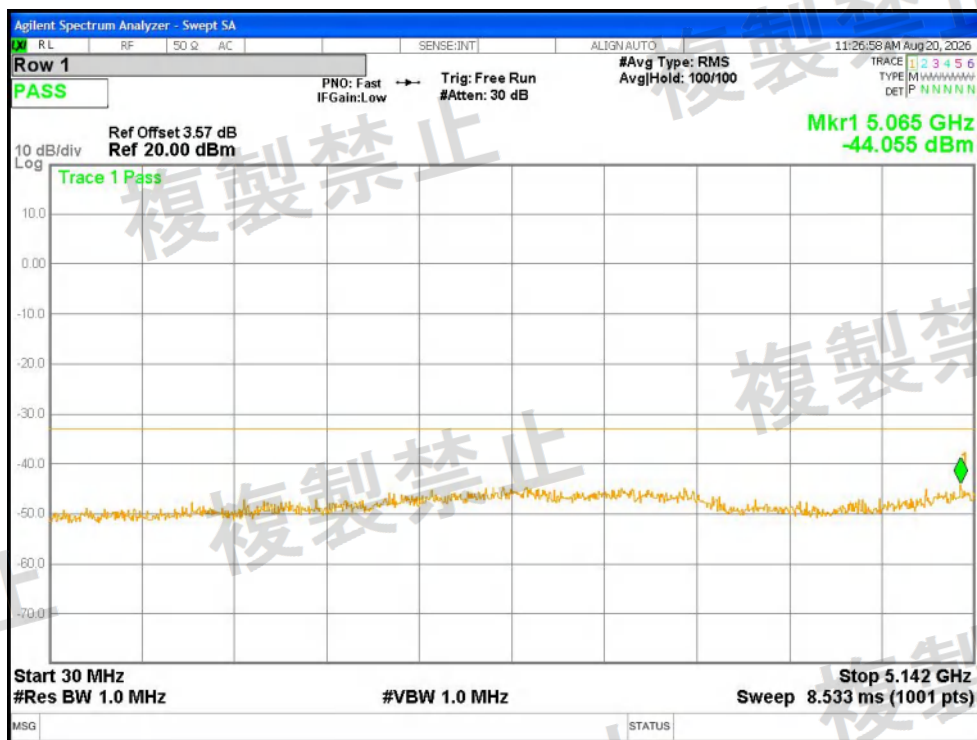
Tx. Spurious NVNT ac40 5190MHz Ant1 @ 5251MHz-5270MHz



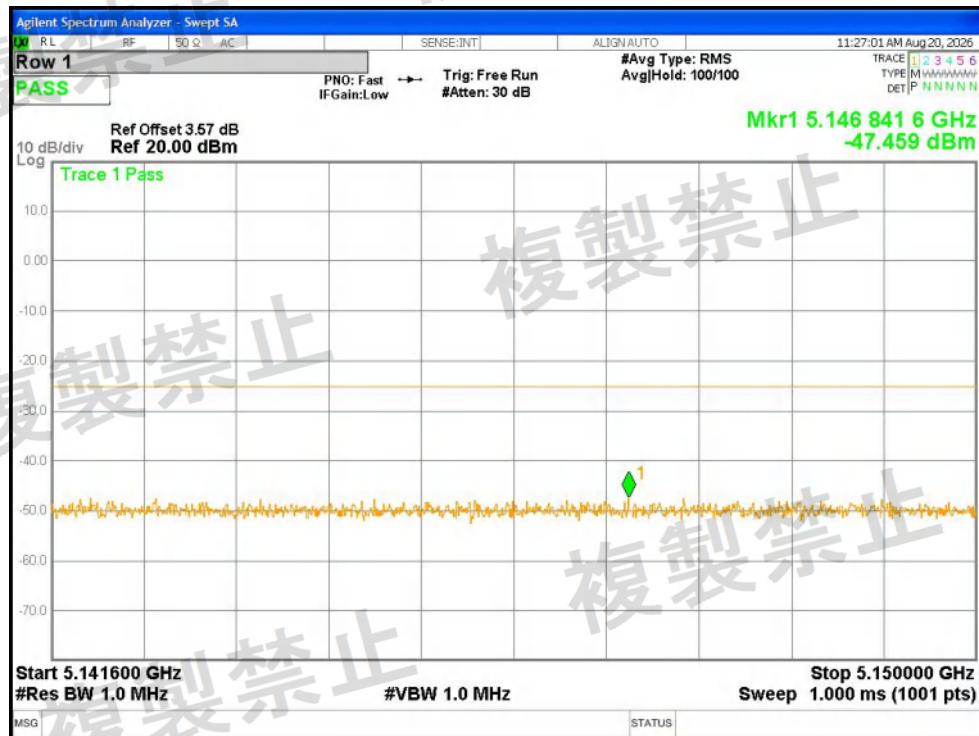
Tx. Spurious NVNT ac40 5190MHz Ant1 @ 5270MHz-5278.4MHz



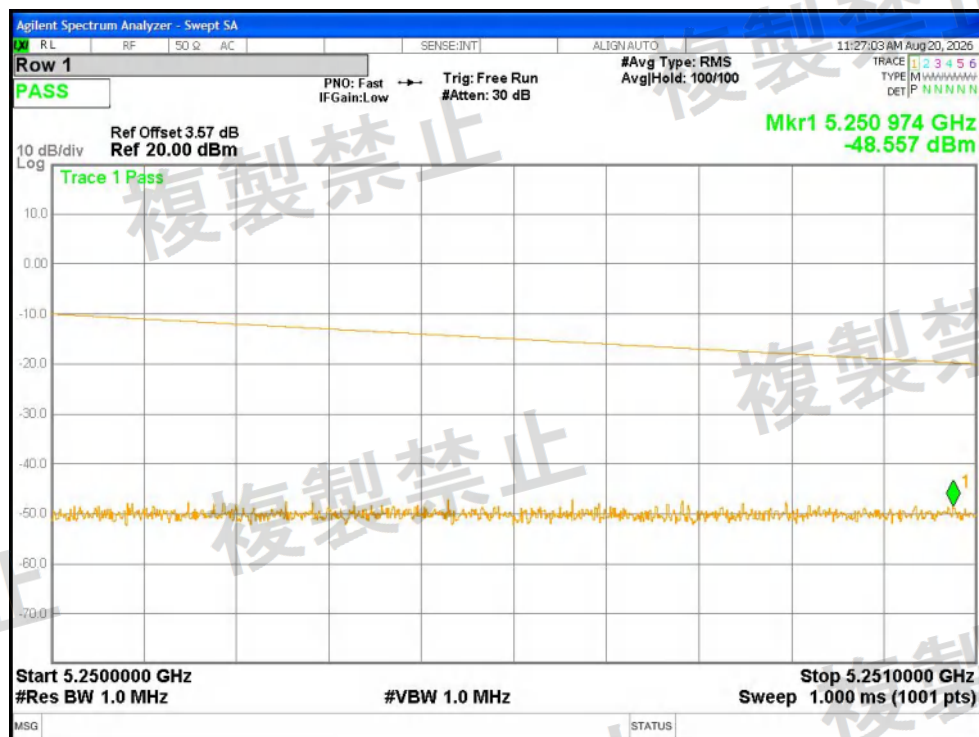
Tx. Spurious NVNT ac40 5190MHz Ant1 @ 5278.4MHz-26000MHz



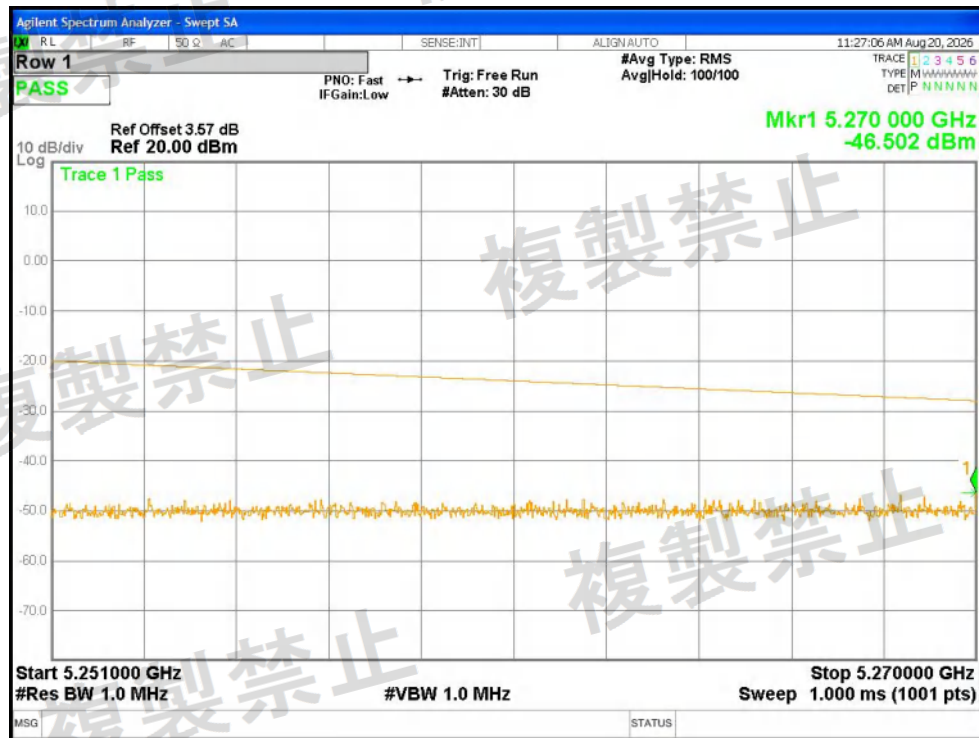
Tx. Spurious NVNT ac40 5230MHz Ant1 @ 30MHz-5141.6MHz



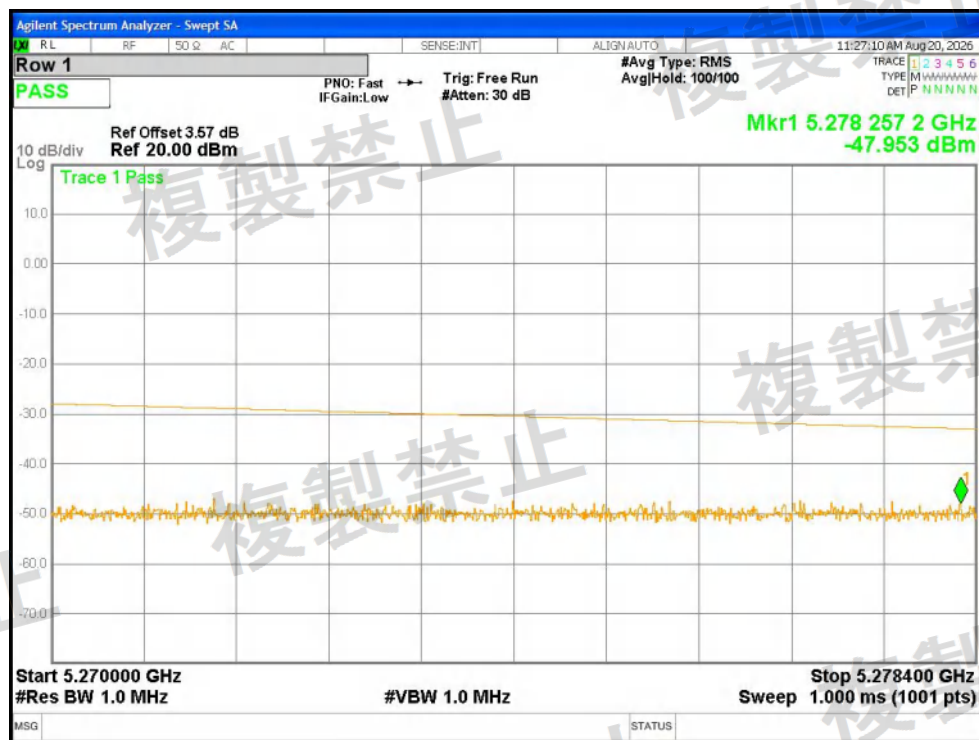
Tx. Spurious NVNT ac40 5230MHz Ant1 @ 5141.6MHz-5150MHz



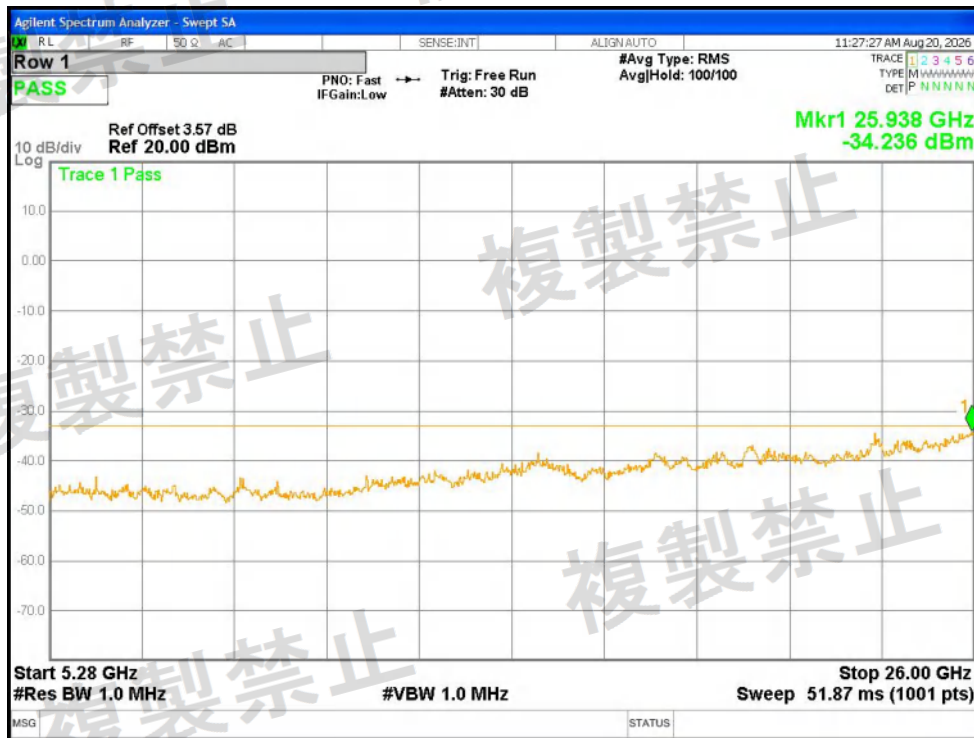
Tx. Spurious NVNT ac40 5230MHz Ant1 @ 5250MHz-5251MHz



Tx. Spurious NVNT ac40 5230MHz Ant1 @ 5251MHz-5270MHz



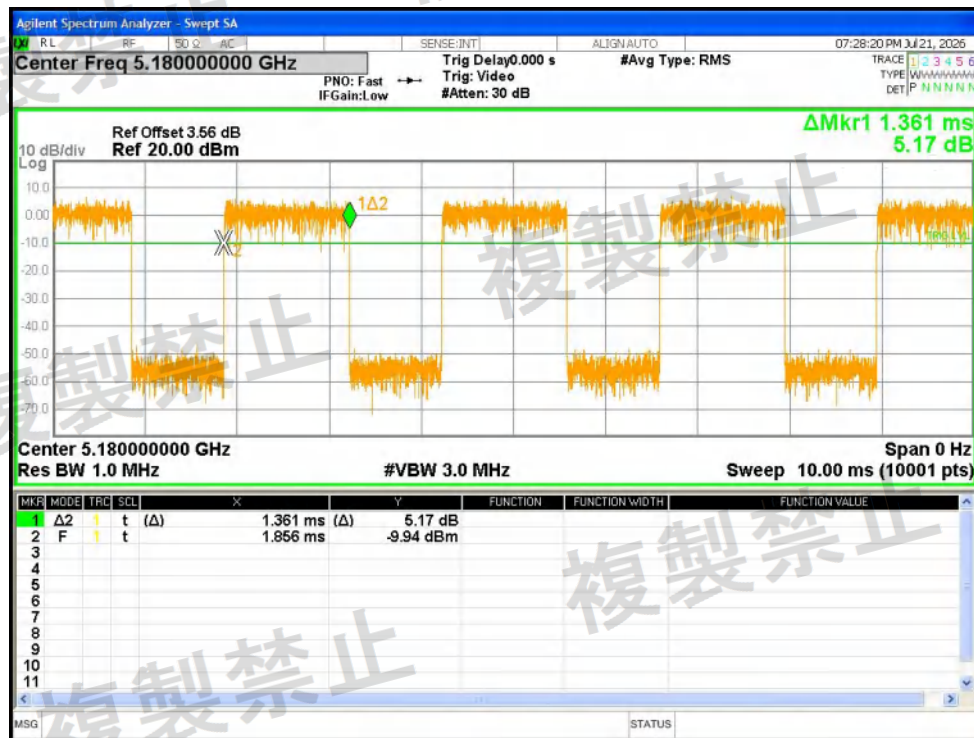
Tx. Spurious NVNT ac40 5230MHz Ant1 @ 5270MHz-5278.4MHz



Tx. Spurious NVNT ac40 5230MHz Ant1 @ 5278.4MHz-26000MHz

6. Burst Length

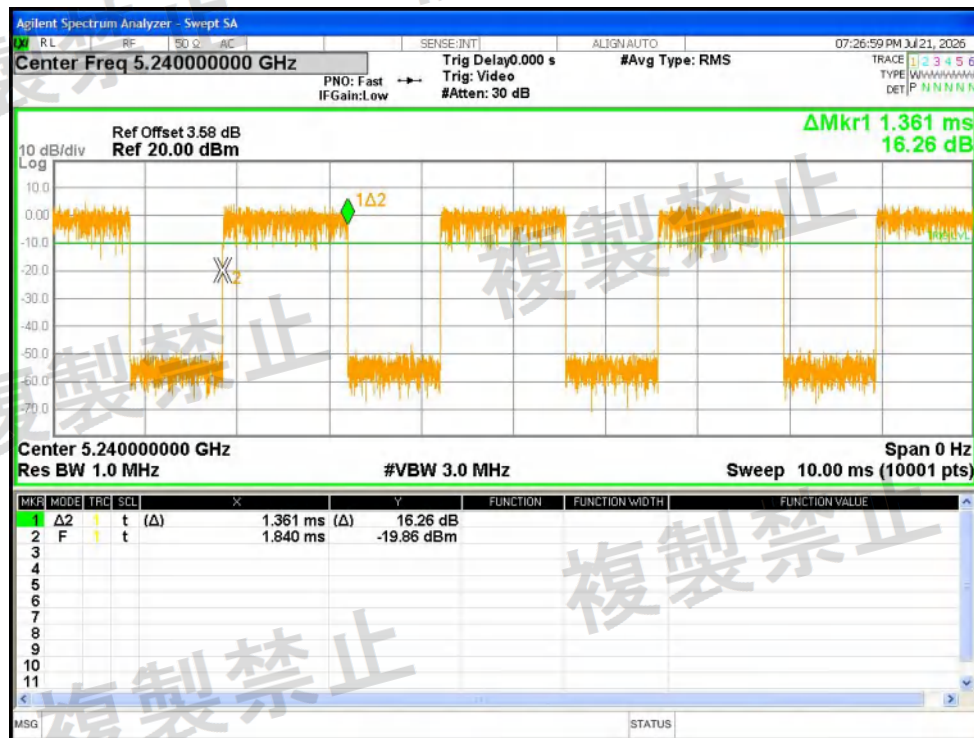
Condition	Mode	Frequency (MHz)	Antenna	Burst Length (ms)	Limit (ms)	Verdict
NVNT	a	Ant1	5180	1.361	8	Pass
NVNT	a	Ant1	5200	1.36	8	Pass
NVNT	a	Ant1	5240	1.361	8	Pass
NVNT	n20	Ant1	5180	1.273	8	Pass
NVNT	n20	Ant1	5200	1.273	8	Pass
NVNT	n20	Ant1	5240	1.273	8	Pass
NVNT	n40	Ant1	5190	0.633	8	Pass
NVNT	n40	Ant1	5230	0.632	8	Pass
NVNT	ac20	Ant1	5180	1.276	8	Pass
NVNT	ac20	Ant1	5200	1.276	8	Pass
NVNT	ac20	Ant1	5240	1.277	8	Pass
NVNT	ac40	Ant1	5190	0.637	8	Pass
NVNT	ac40	Ant1	5230	0.636	8	Pass



Burst Length NVNT a 5180MHz Ant1



Burst Length NVNT a 5200MHz Ant1



Burst Length NVNT a 5240MHz Ant1



Burst Length NVNT n20 5180MHz Ant1



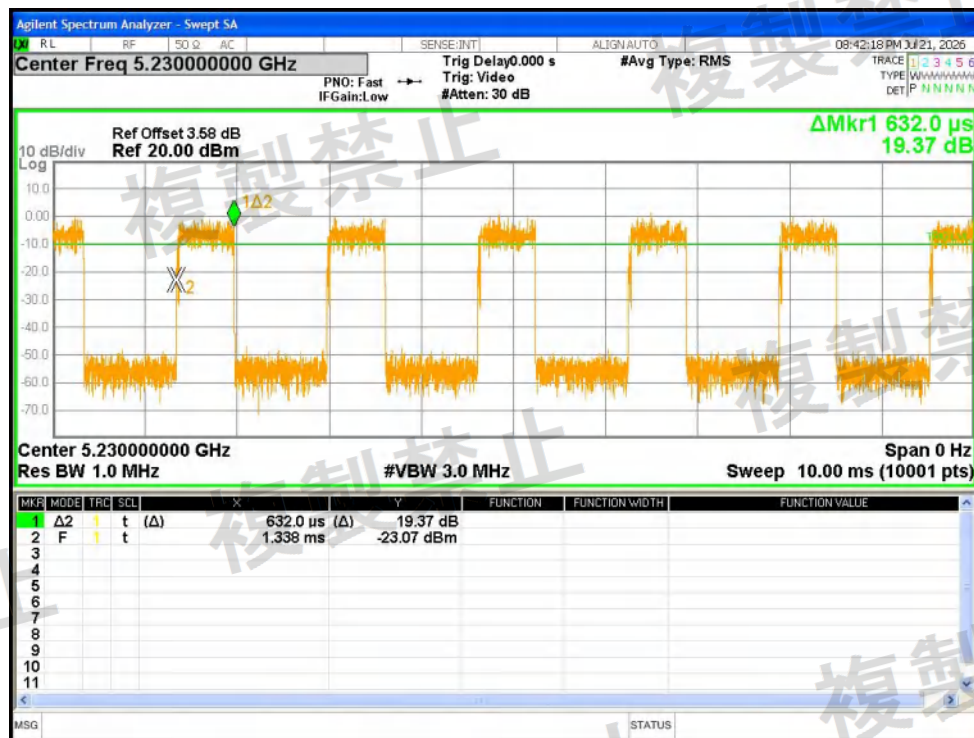
Burst Length NVNT n20 5200MHz Ant1



Burst Length NVNT n20 5240MHz Ant1



Burst Length NVNT n40 5190MHz Ant1



Burst Length NVNT n40 5230MHz Ant1



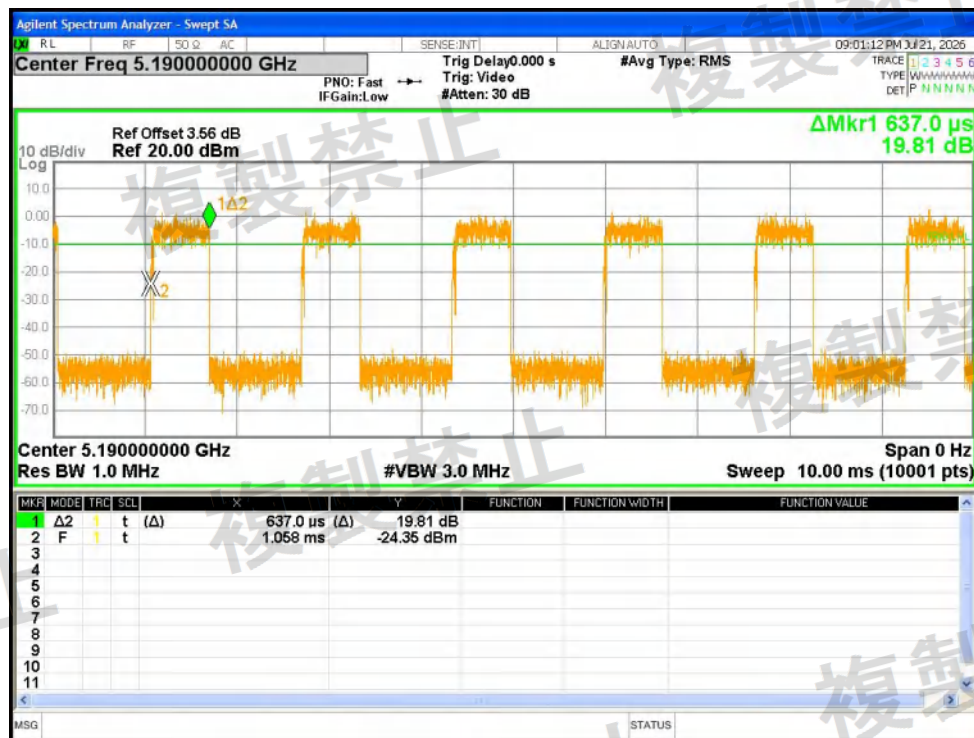
Burst Length NVNT ac20 5180MHz Ant1



Burst Length NVNT ac20 5200MHz Ant1



Burst Length NVNT ac20 5240MHz Ant1



Burst Length NVNT ac40 5190MHz Ant1

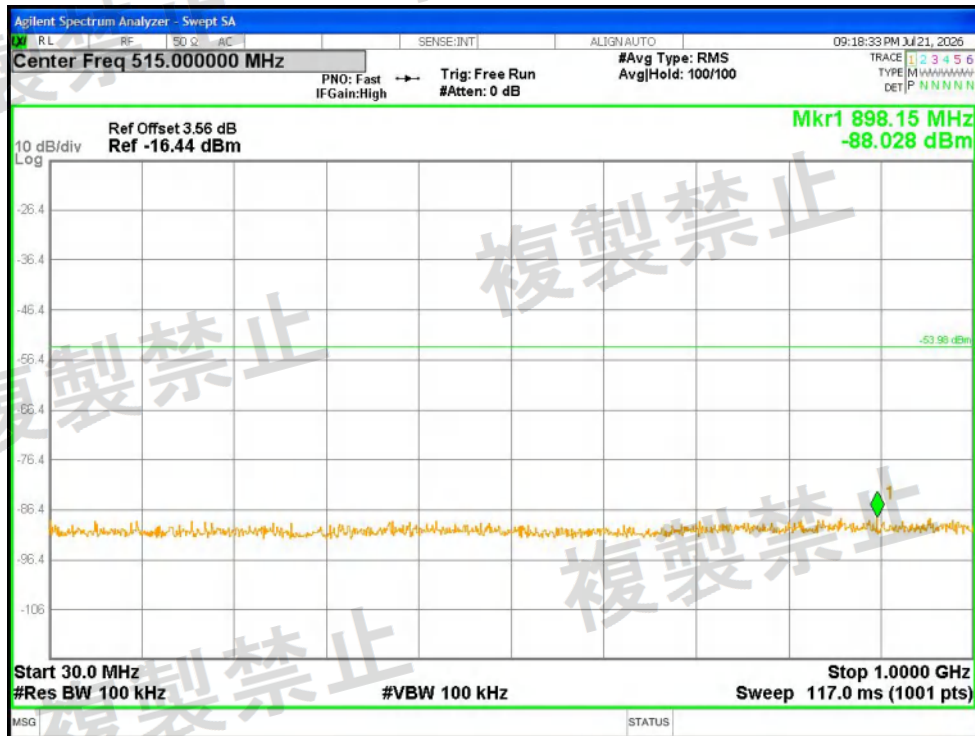


Burst Length NVNT ac40 5230MHz Ant1

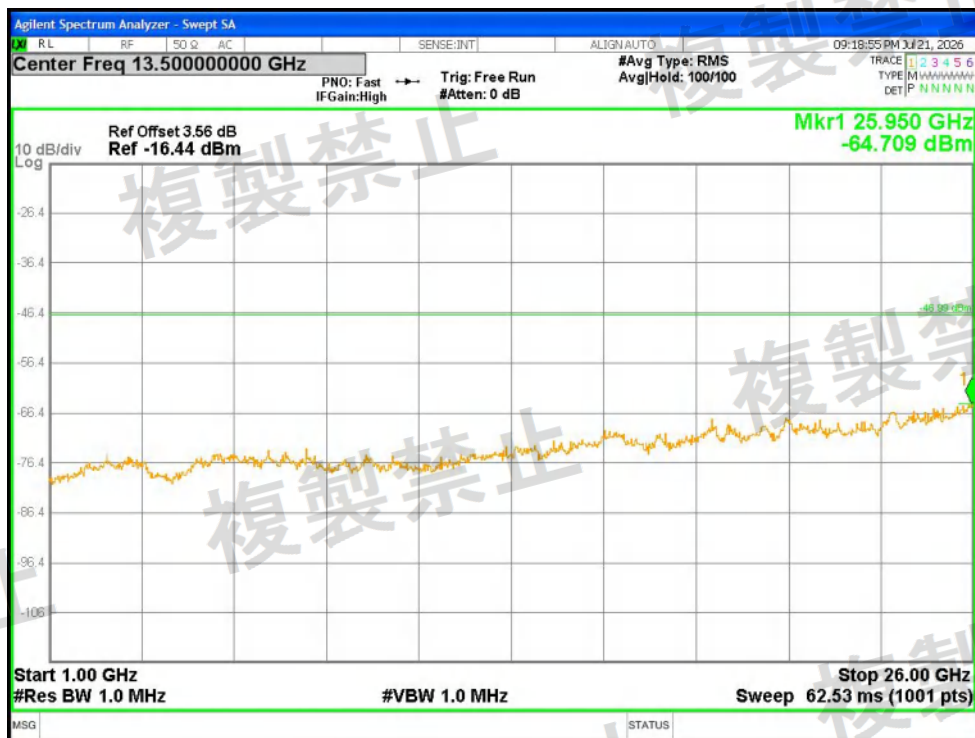
7. Rx Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (nW)	Max RMS Value (nW)	Limit (nW)	Verdict
NVNT	a	5180	Ant1	30-1000	898.15	-88.03	NA	0.0016	NA	4	Pass
NVNT	a	5180	Ant1	1000-26000	25950.00	-64.71	NA	0.3381	NA	20	Pass
NVNT	a	5200	Ant1	30-1000	888.45	-87.93	NA	0.0016	NA	4	Pass
NVNT	a	5200	Ant1	1000-26000	25950.00	-64.62	NA	0.3451	NA	20	Pass
NVNT	a	5240	Ant1	30-1000	461.65	-88.00	NA	0.0016	NA	4	Pass
NVNT	a	5240	Ant1	1000-26000	25825.00	-64.68	NA	0.3404	NA	20	Pass
NVNT	n20	5180	Ant1	30-1000	978.66	-87.13	NA	0.0019	NA	4	Pass
NVNT	n20	5180	Ant1	1000-26000	25900.00	-64.53	NA	0.3524	NA	20	Pass
NVNT	n20	5200	Ant1	30-1000	875.84	-88.13	NA	0.0015	NA	4	Pass
NVNT	n20	5200	Ant1	1000-26000	25900.00	-64.55	NA	0.3508	NA	20	Pass
NVNT	n20	5240	Ant1	30-1000	857.41	-87.66	NA	0.0017	NA	4	Pass
NVNT	n20	5240	Ant1	1000-26000	25775.00	-64.46	NA	0.3581	NA	20	Pass
NVNT	n40	5190	Ant1	30-1000	839.95	-88.01	NA	0.0016	NA	4	Pass
NVNT	n40	5190	Ant1	1000-26000	25975.00	-63.64	NA	0.4325	NA	20	Pass
NVNT	n40	5230	Ant1	30-1000	999.03	-87.72	NA	0.0017	NA	4	Pass
NVNT	n40	5230	Ant1	1000-26000	26000.00	-64.63	NA	0.3443	NA	20	Pass
NVNT	ac20	5180	Ant1	30-1000	813.76	-87.60	NA	0.0017	NA	4	Pass
NVNT	ac20	5180	Ant1	1000-26000	25925.00	-63.53	NA	0.4436	NA	20	Pass
NVNT	ac20	5200	Ant1	30-1000	800.18	-87.67	NA	0.0017	NA	4	Pass
NVNT	ac20	5200	Ant1	1000-26000	26000.00	-64.07	NA	0.3917	NA	20	Pass
NVNT	ac20	5240	Ant1	30-1000	604.24	-87.53	NA	0.0018	NA	4	Pass
NVNT	ac20	5240	Ant1	1000-26000	25750.00	-64.15	NA	0.3846	NA	20	Pass
NVNT	ac40	5190	Ant1	30-1000	745.86	-87.71	NA	0.0017	NA	4	Pass
NVNT	ac40	5190	Ant1	1000-26000	25600.00	-64.29	NA	0.3724	NA	20	Pass
NVNT	ac40	5230	Ant1	30-1000	863.23	-88.21	NA	0.0015	NA	4	Pass
NVNT	ac40	5230	Ant1	1000-26000	25925.00	-64.88	NA	0.3251	NA	20	Pass

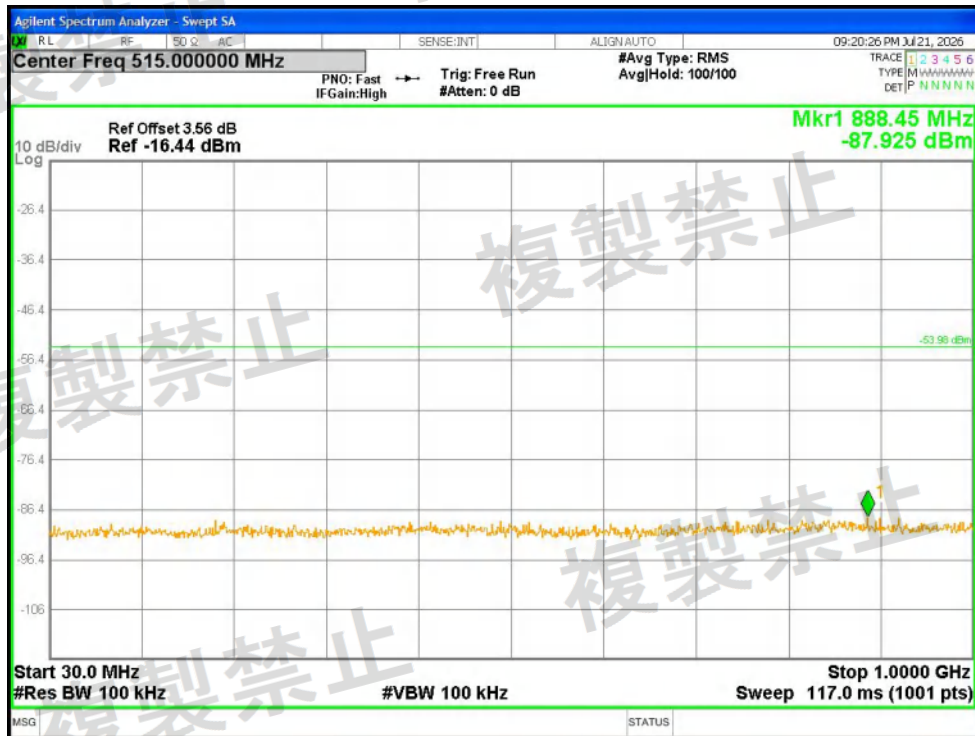
Note: Offse includes antenna gain.



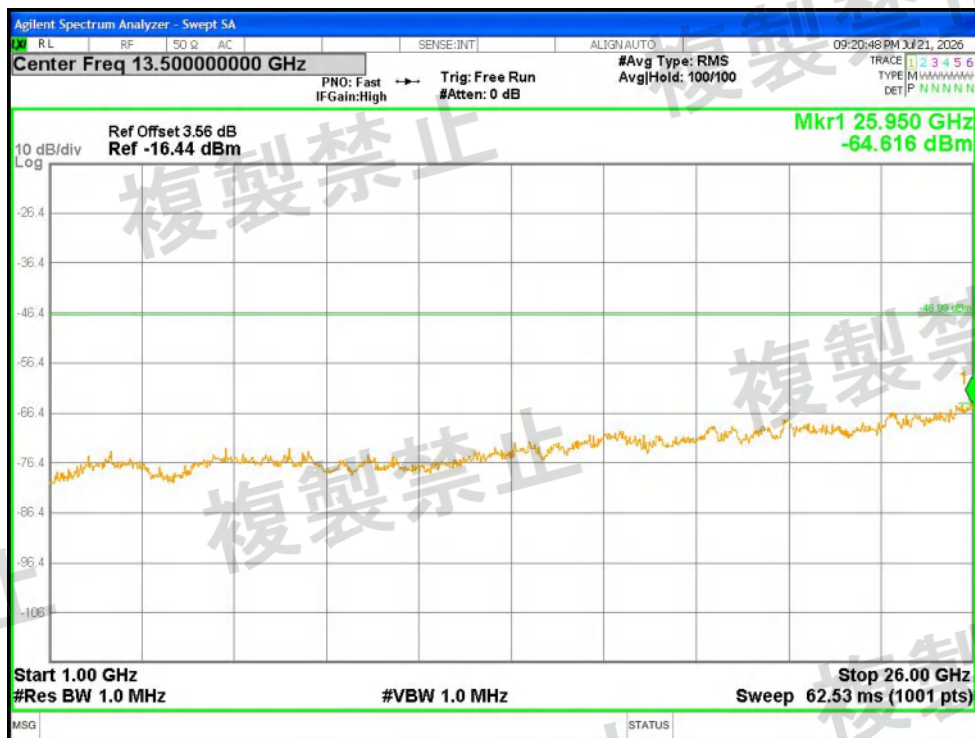
Rx. Spurious NVNT a 5180MHz Ant1 @ 30MHz-1000MHz



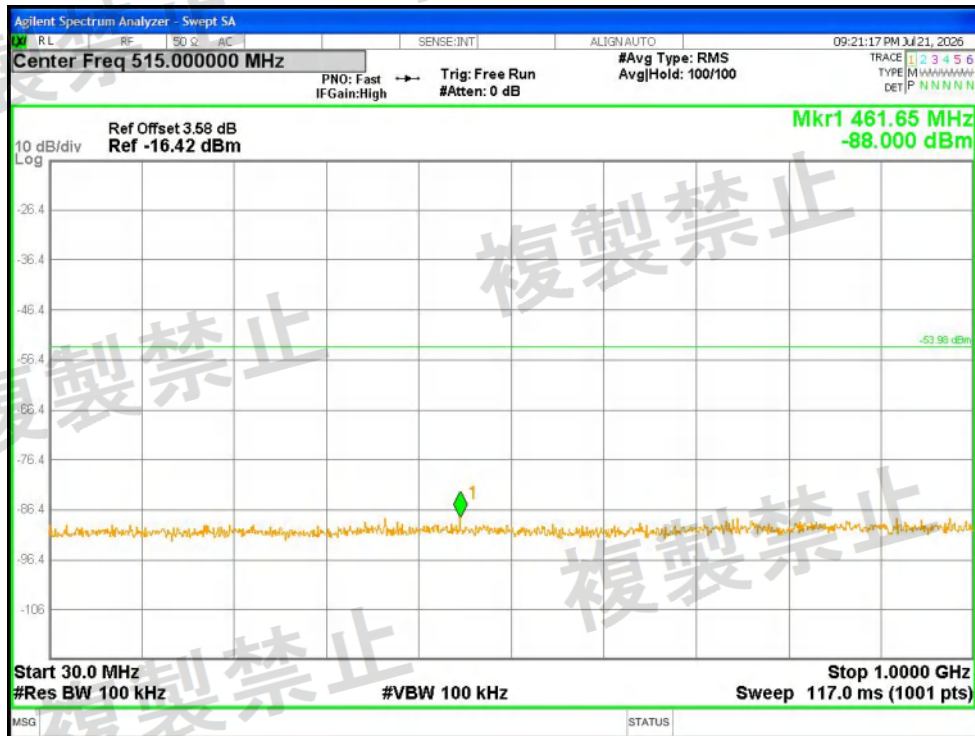
Rx. Spurious NVNT a 5180MHz Ant1 @ 1000MHz-26000MHz



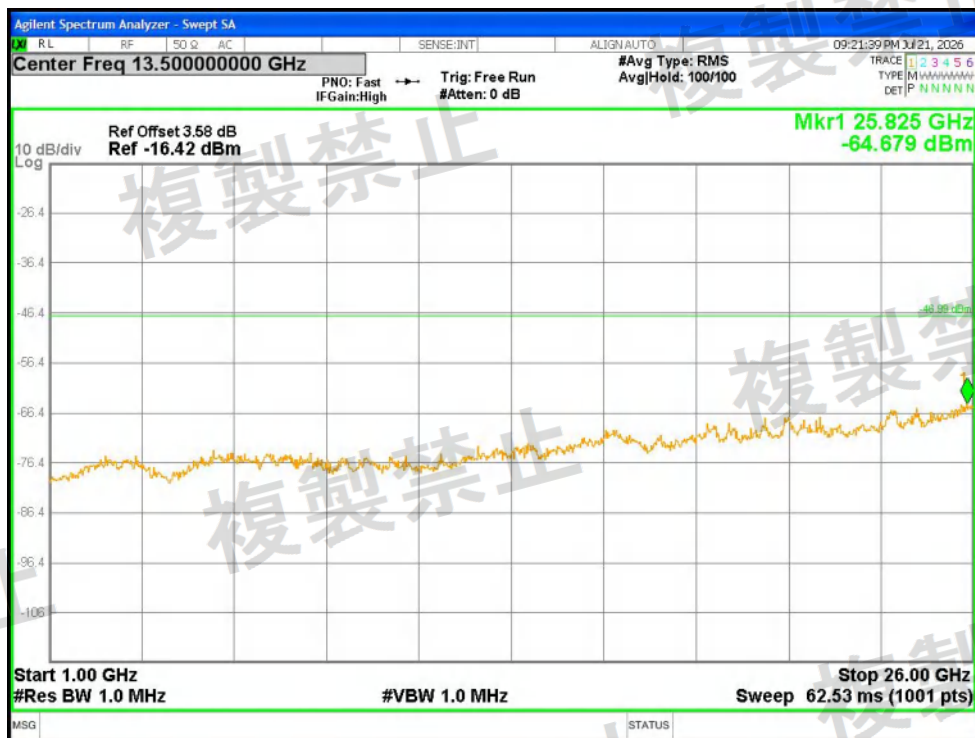
Rx. Spurious NVNT a 5200MHz Ant1 @ 30MHz-1000MHz



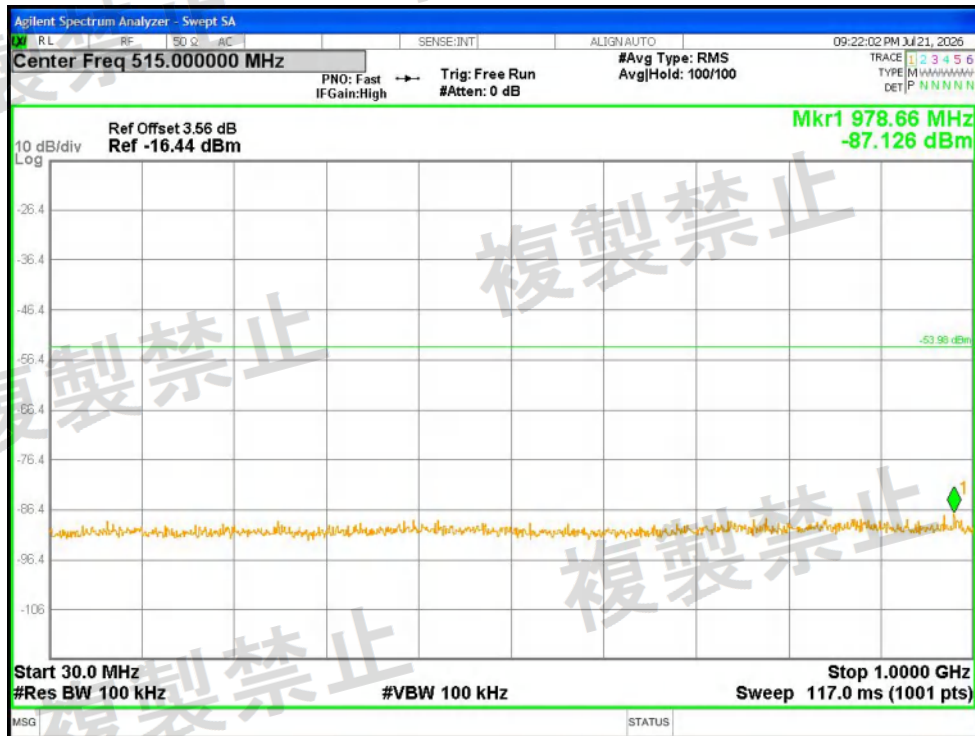
Rx. Spurious NVNT a 5200MHz Ant1 @ 1000MHz-26000MHz



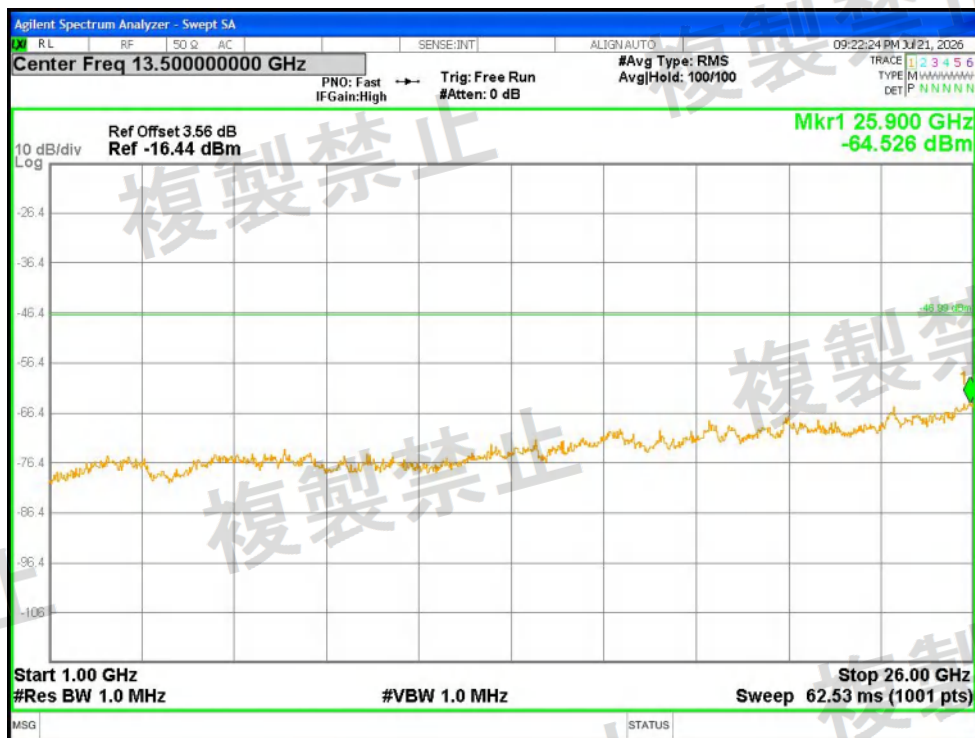
Rx. Spurious NVNT a 5240MHz Ant1 @ 30MHz-1000MHz



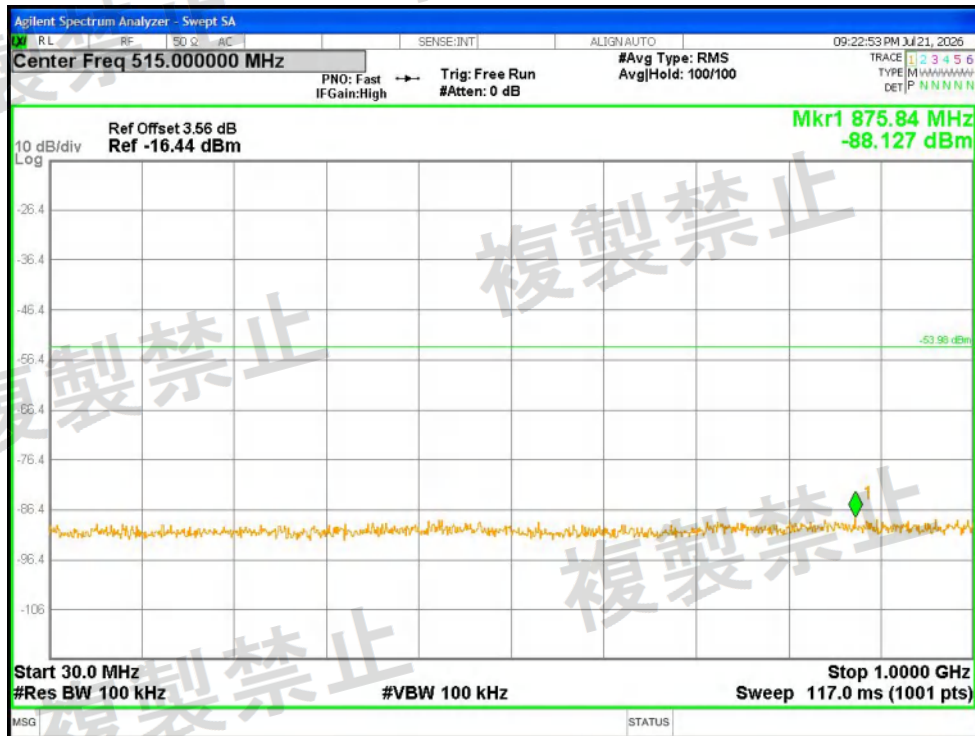
Rx. Spurious NVNT a 5240MHz Ant1 @ 1000MHz-26000MHz



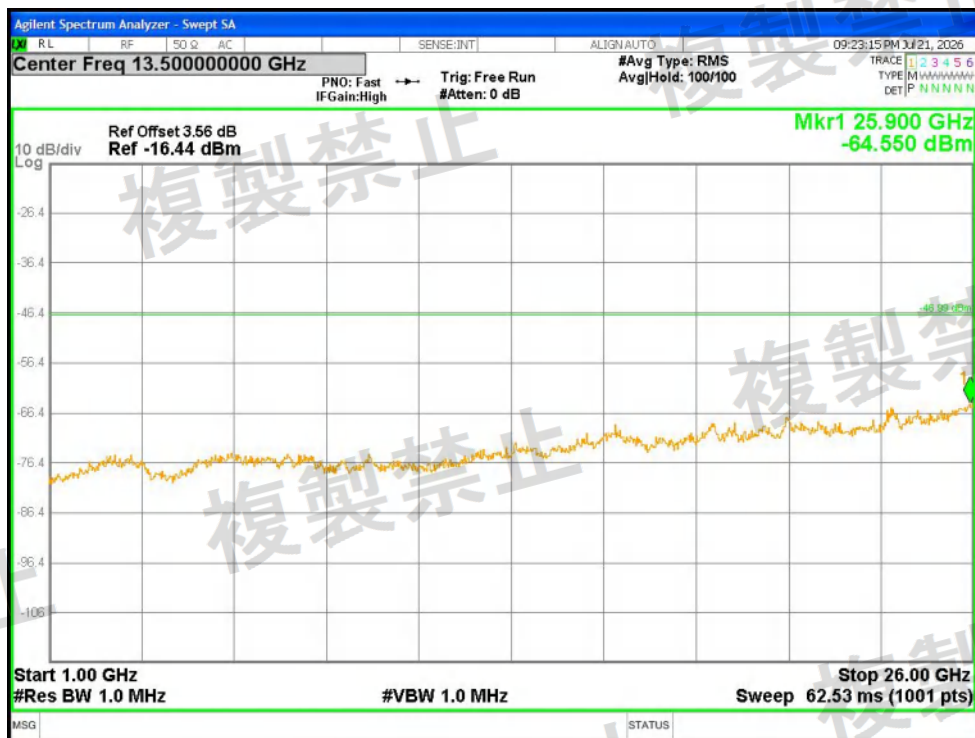
Rx. Spurious NVNT n20 5180MHz Ant1 @ 30MHz-1000MHz



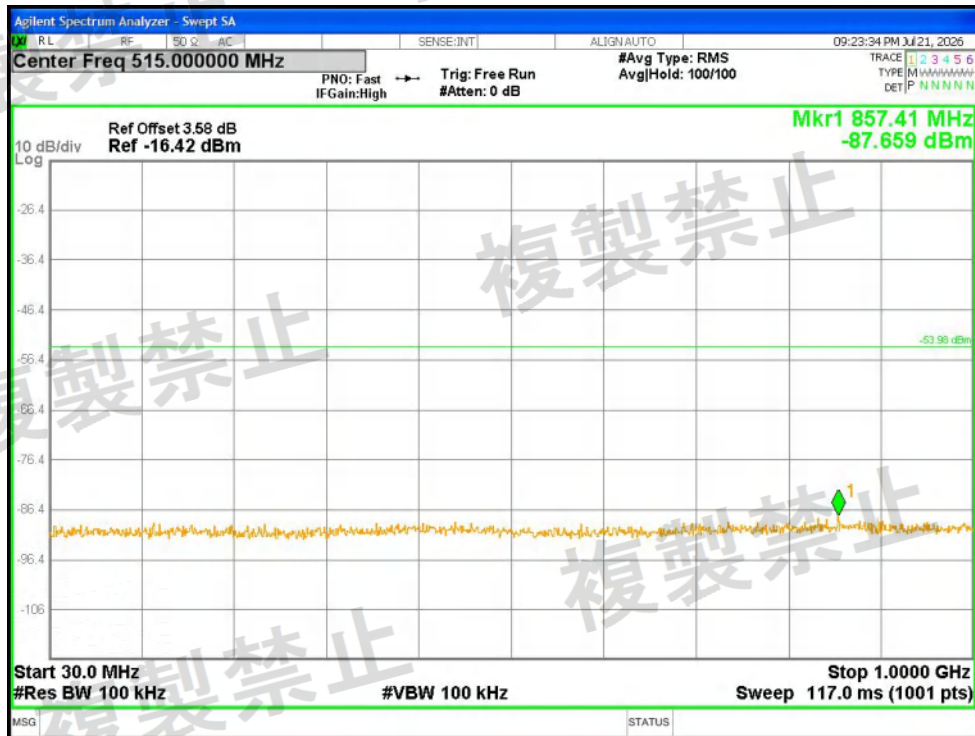
Rx. Spurious NVNT n20 5180MHz Ant1 @ 1000MHz-26000MHz



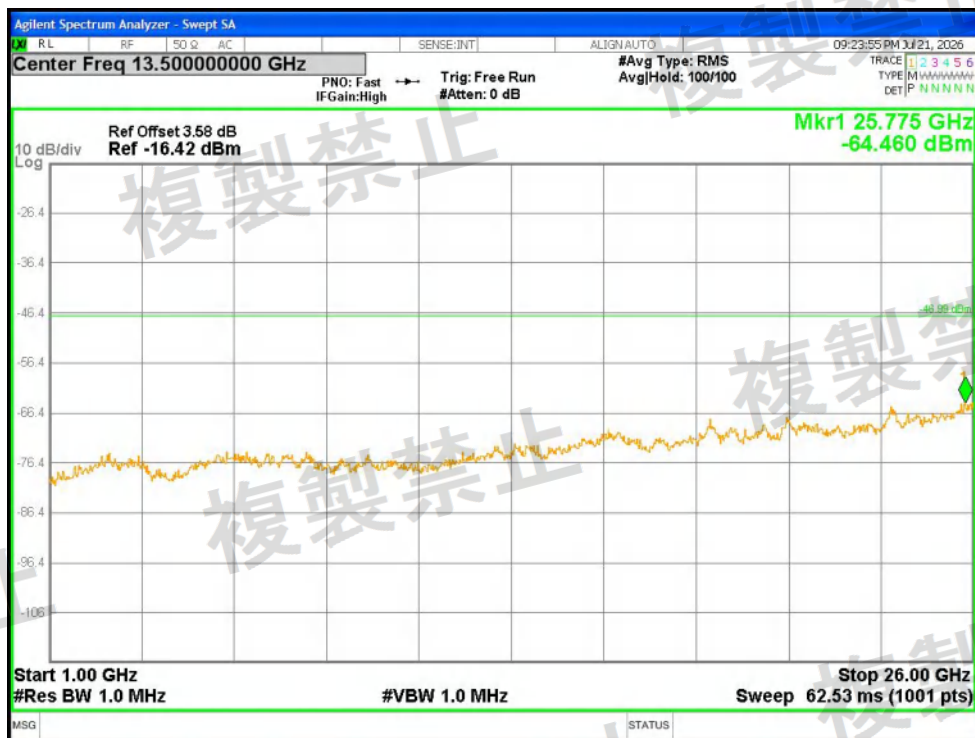
Rx. Spurious NVNT n20 5200MHz Ant1 @ 30MHz-1000MHz



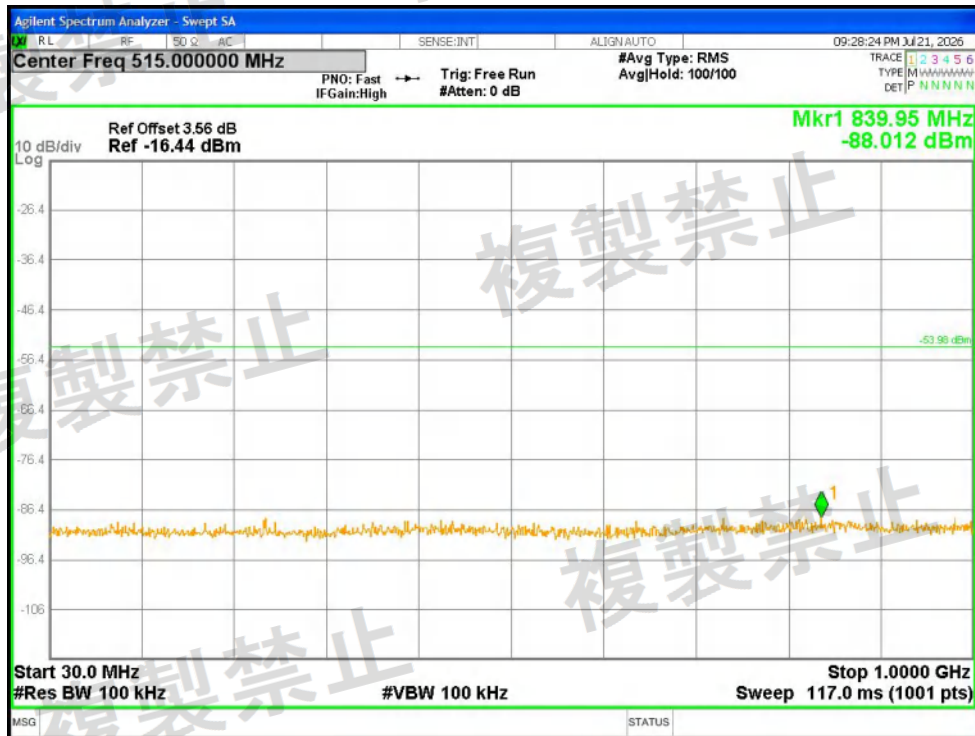
Rx. Spurious NVNT n20 5200MHz Ant1 @ 1000MHz-26000MHz



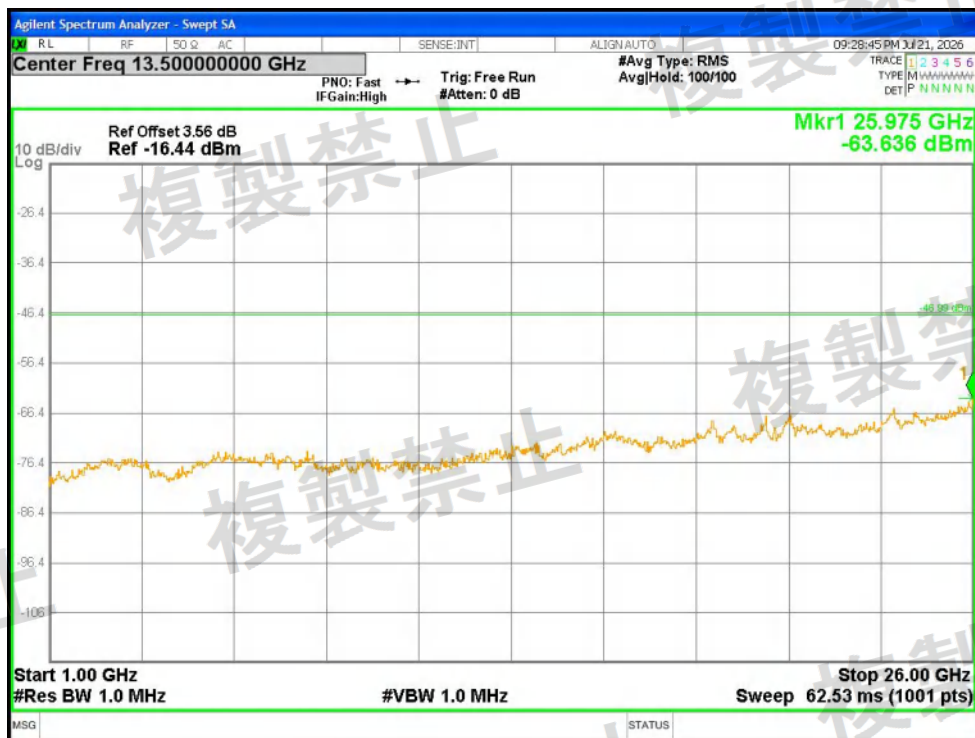
Rx. Spurious NVNT n20 5240MHz Ant1 @ 30MHz-1000MHz



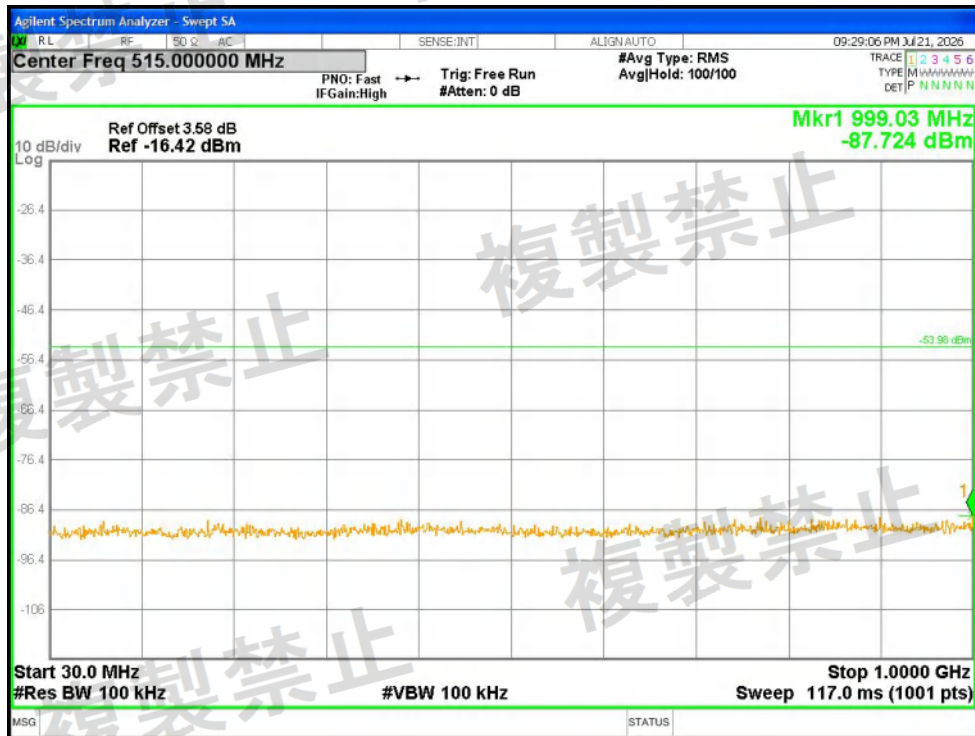
Rx. Spurious NVNT n20 5240MHz Ant1 @ 1000MHz-26000MHz



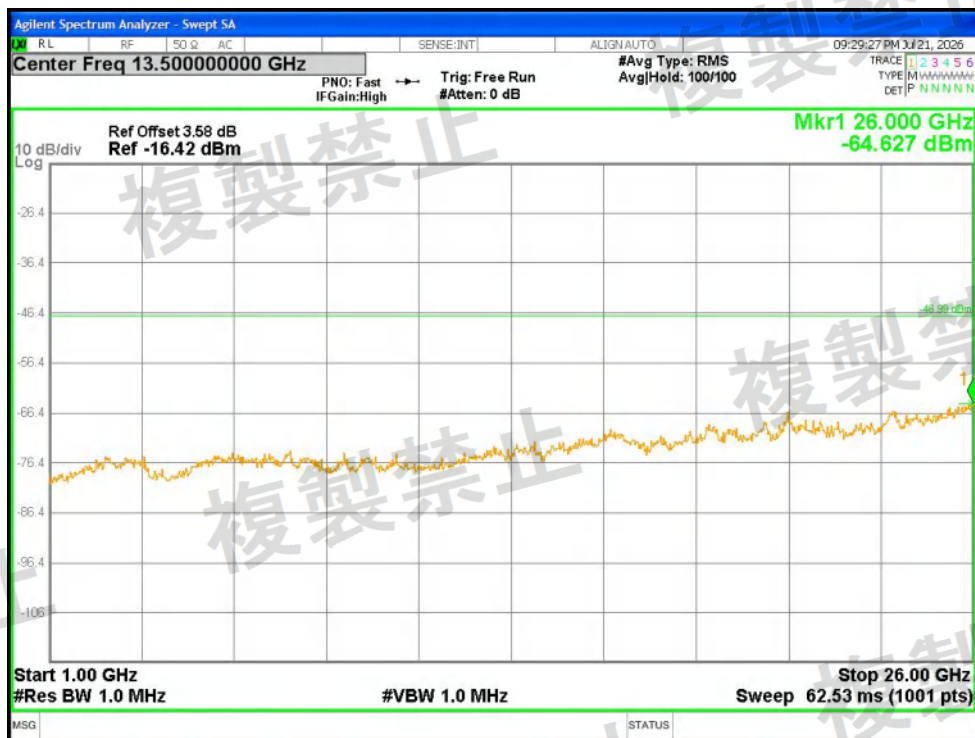
Rx. Spurious NVNT n40 5190MHz Ant1 @ 30MHz-1000MHz



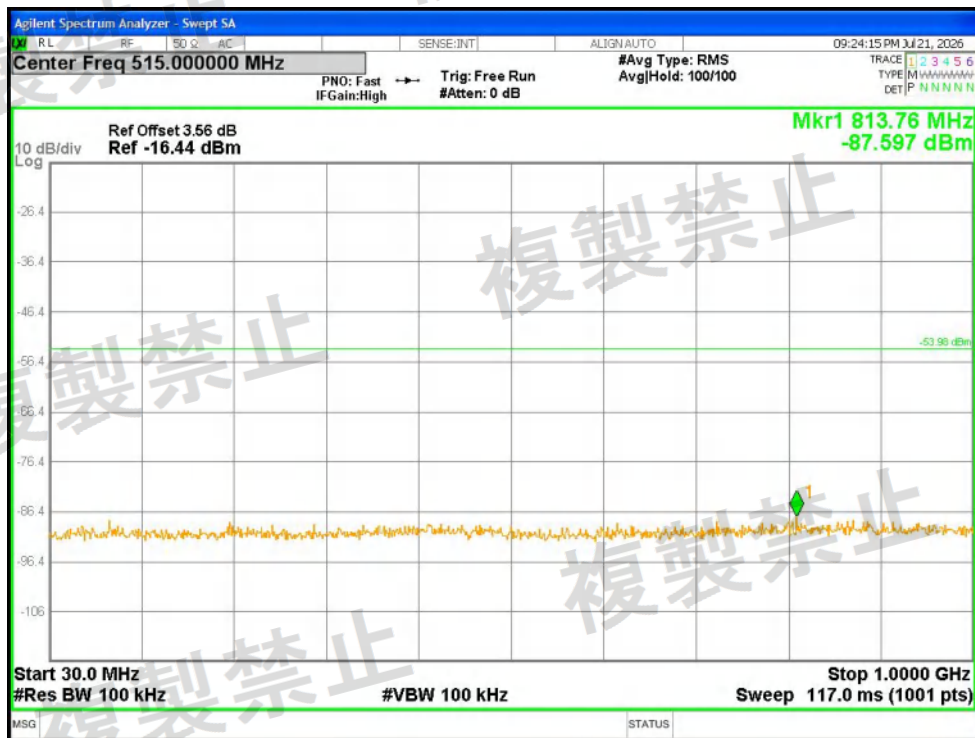
Rx. Spurious NVNT n40 5190MHz Ant1 @ 1000MHz-26000MHz



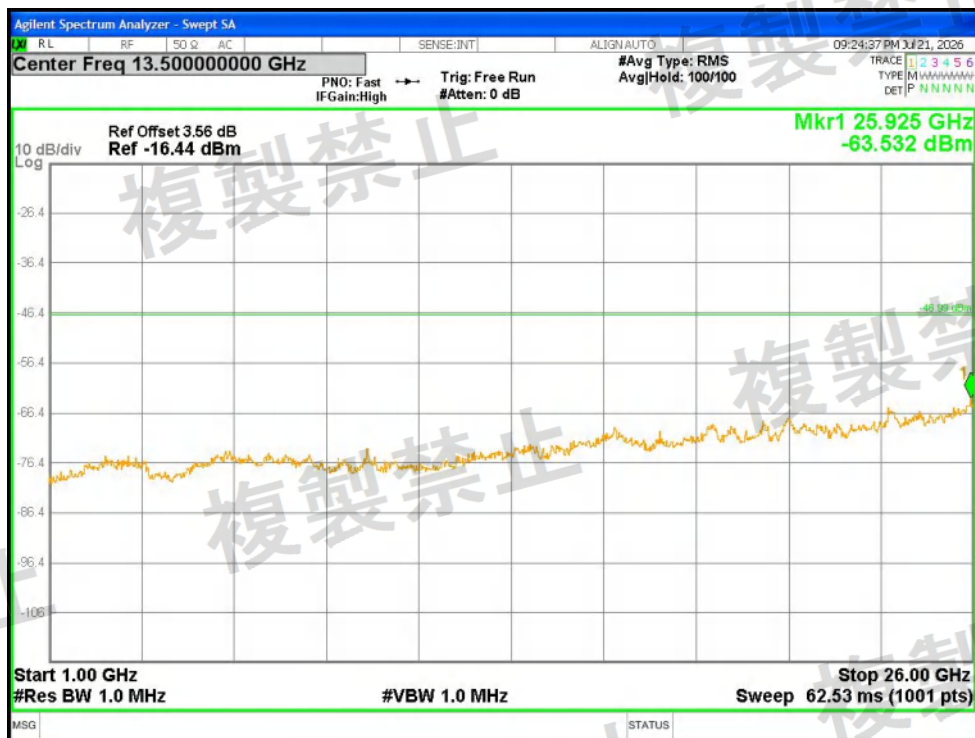
Rx. Spurious NVNT n40 5230MHz Ant1 @ 30MHz-1000MHz



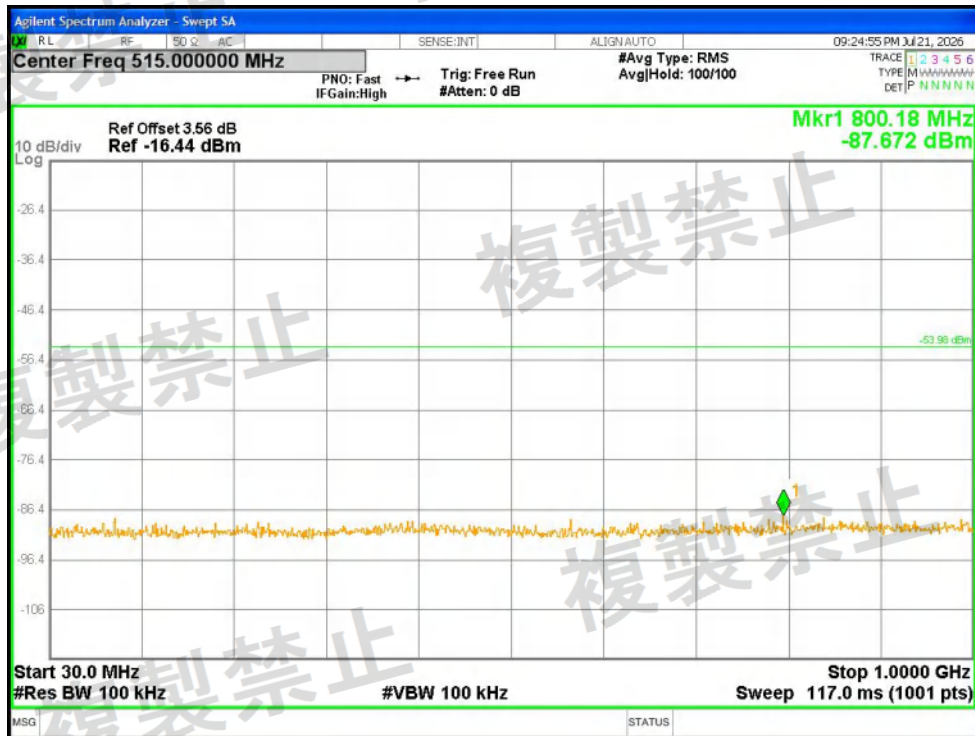
Rx. Spurious NVNT n40 5230MHz Ant1 @ 1000MHz-26000MHz



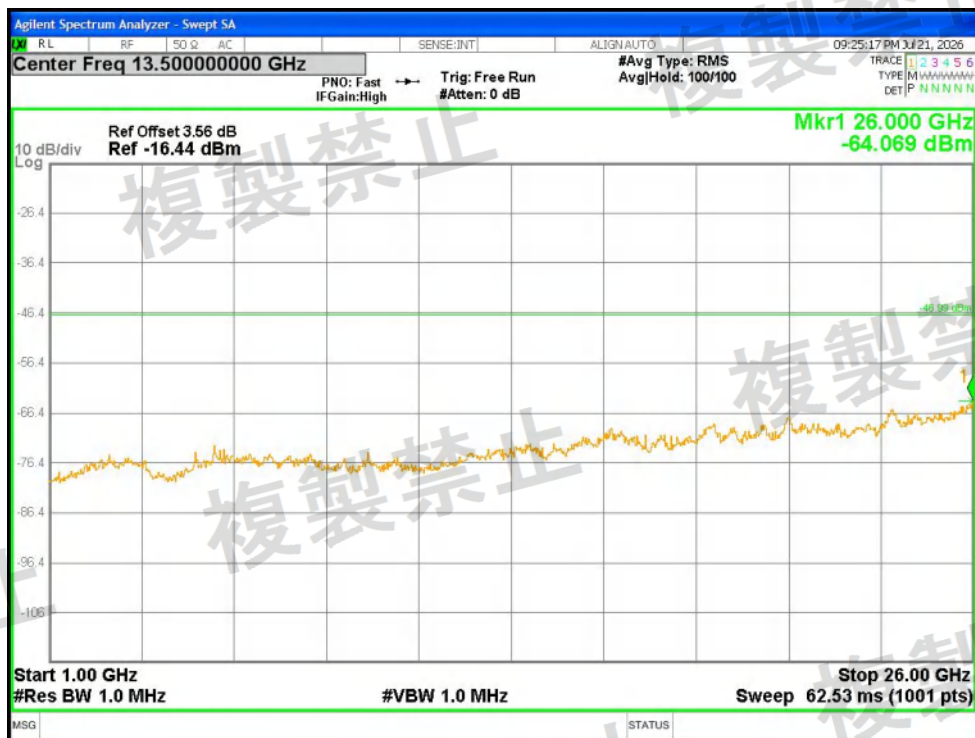
Rx. Spurious NVNT ac20 5180MHz Ant1 @ 30MHz-1000MHz



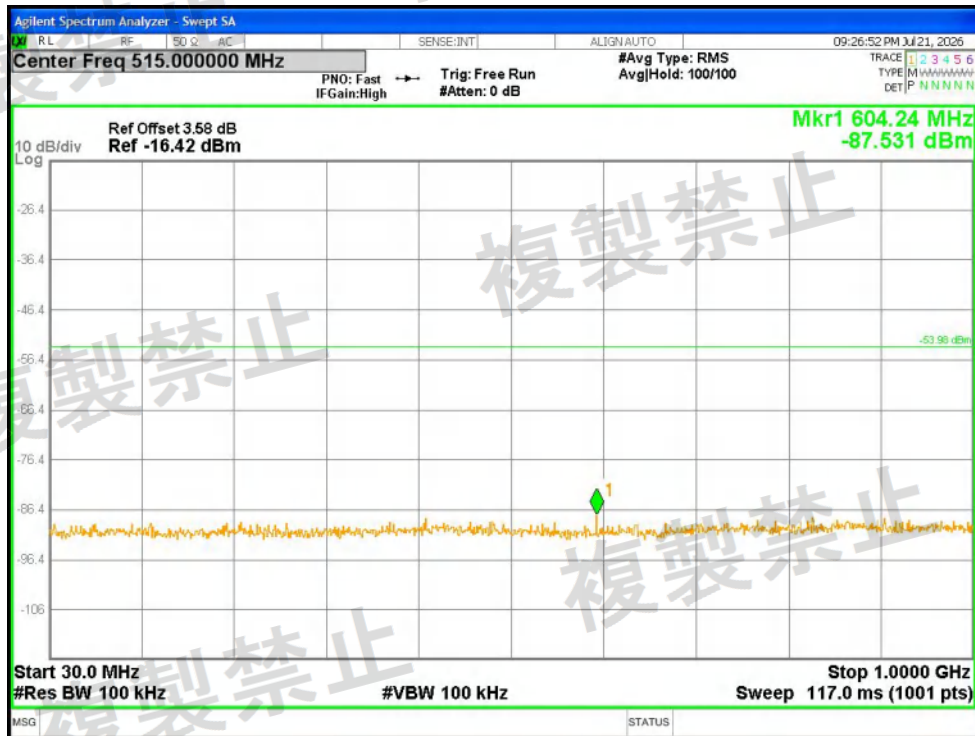
Rx. Spurious NVNT ac20 5180MHz Ant1 @ 1000MHz-26000MHz



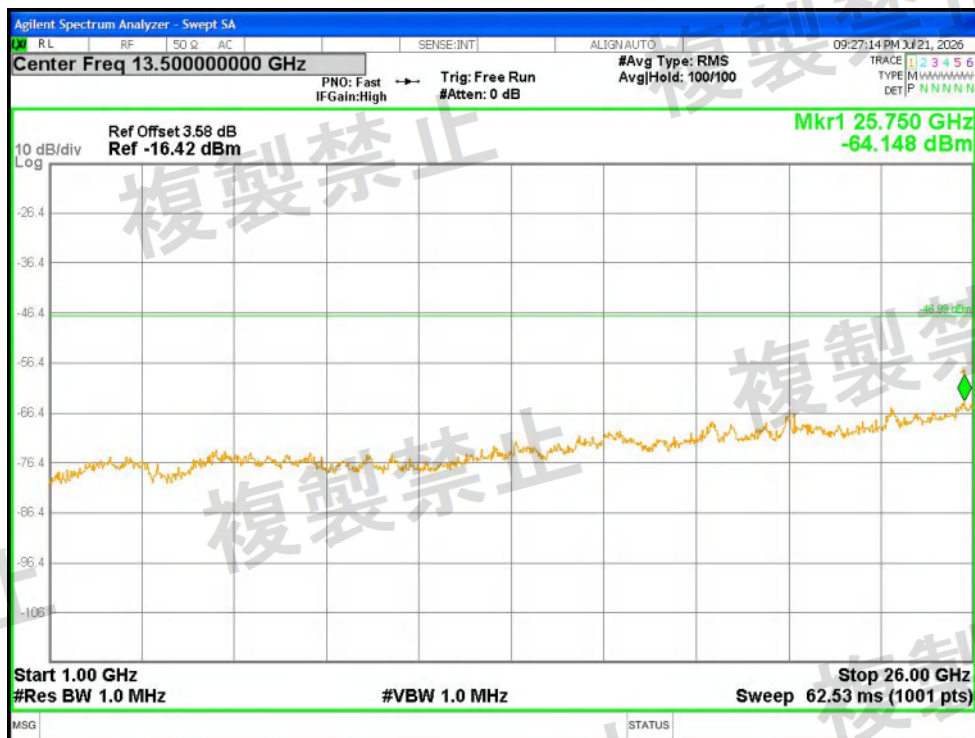
Rx. Spurious NVNT ac20 5200MHz Ant1 @ 30MHz-1000MHz



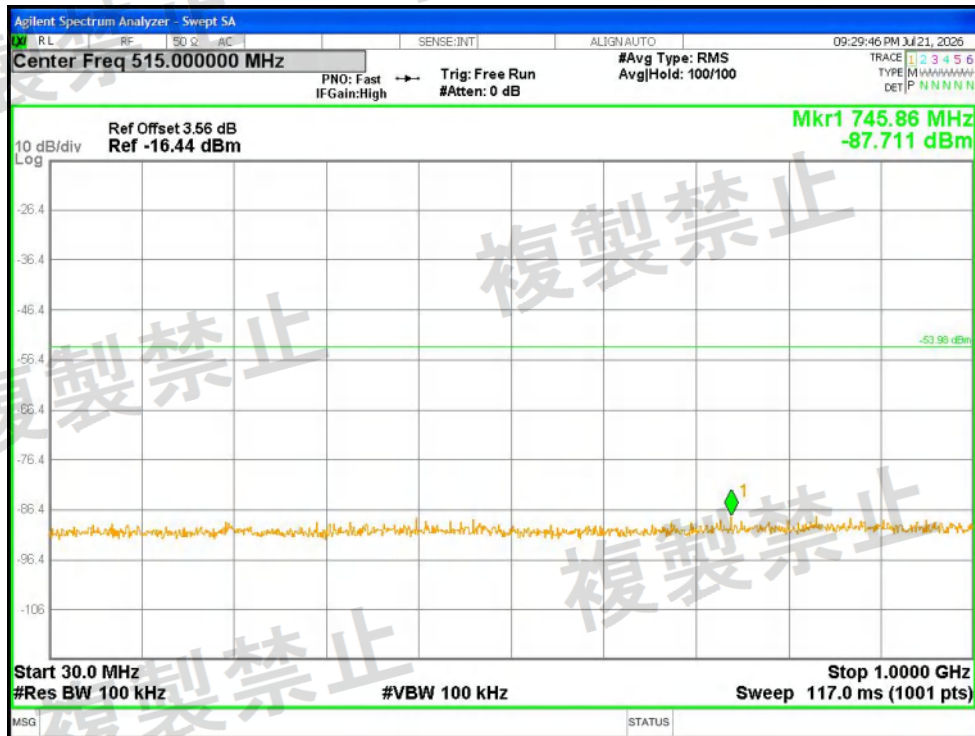
Rx. Spurious NVNT ac20 5200MHz Ant1 @ 1000MHz-26000MHz



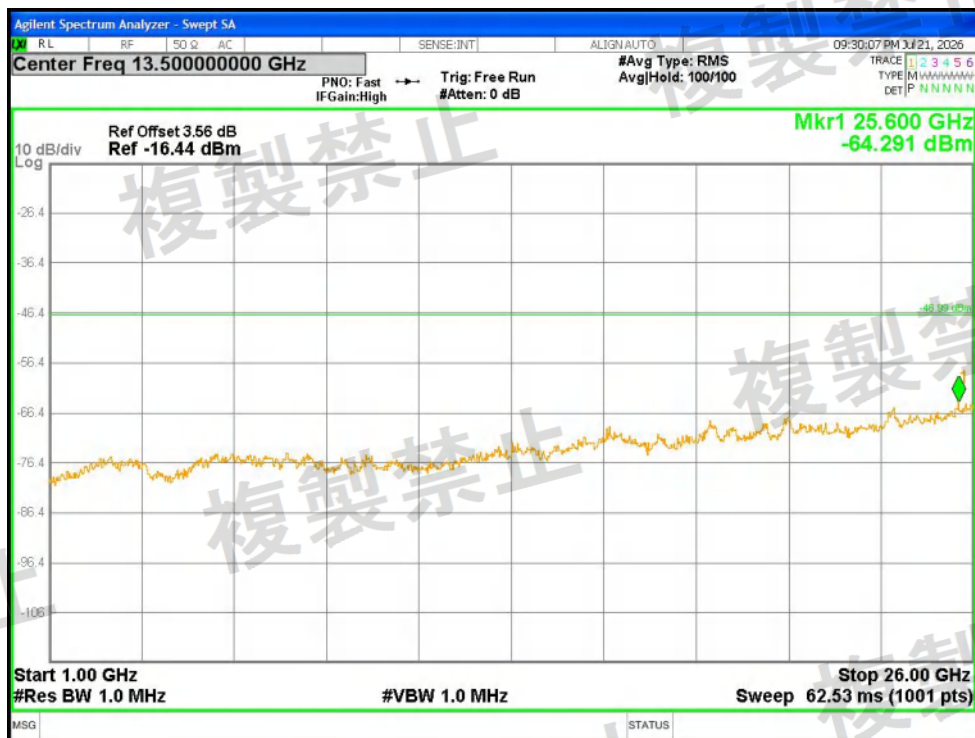
Rx. Spurious NVNT ac20 5240MHz Ant1 @ 30MHz-1000MHz



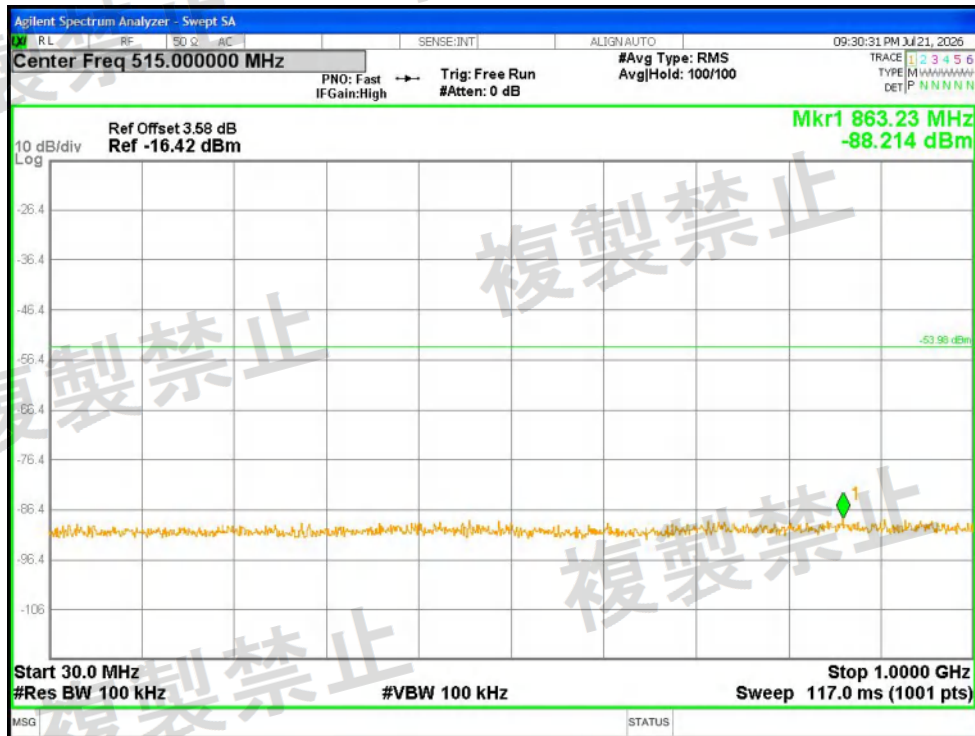
Rx. Spurious NVNT ac20 5240MHz Ant1 @ 1000MHz-26000MHz



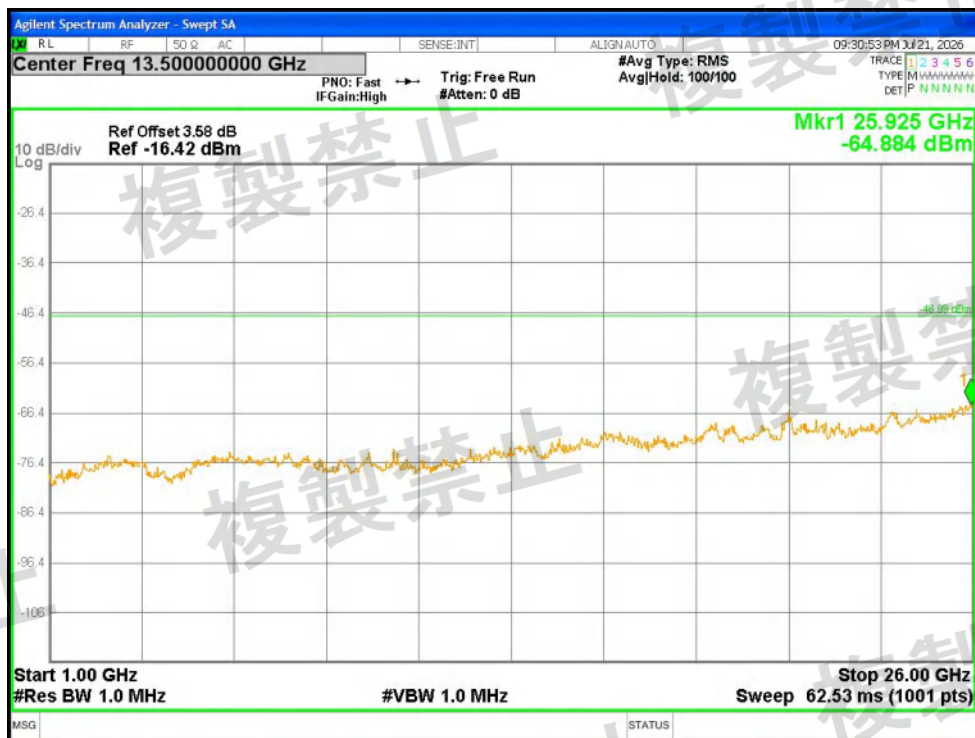
Rx. Spurious NVNT ac40 5190MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT ac40 5190MHz Ant1 @ 1000MHz-26000MHz



Rx. Spurious NVNT ac40 5230MHz Ant1 @ 30MHz-1000MHz

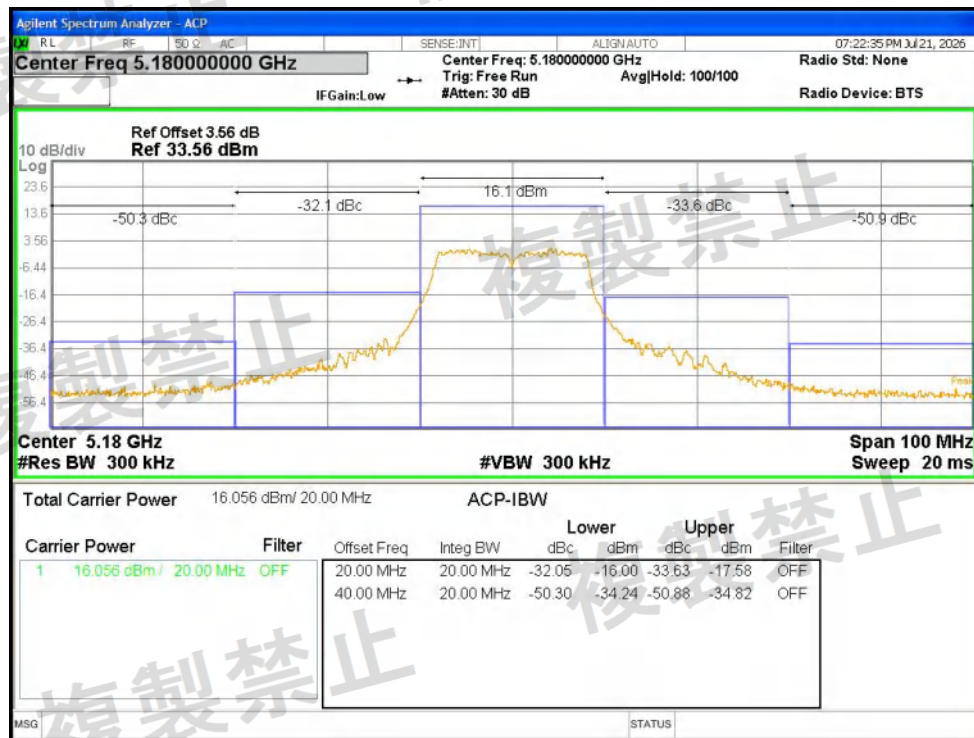


Rx. Spurious NVNT ac40 5230MHz Ant1 @ 1000MHz-26000MHz

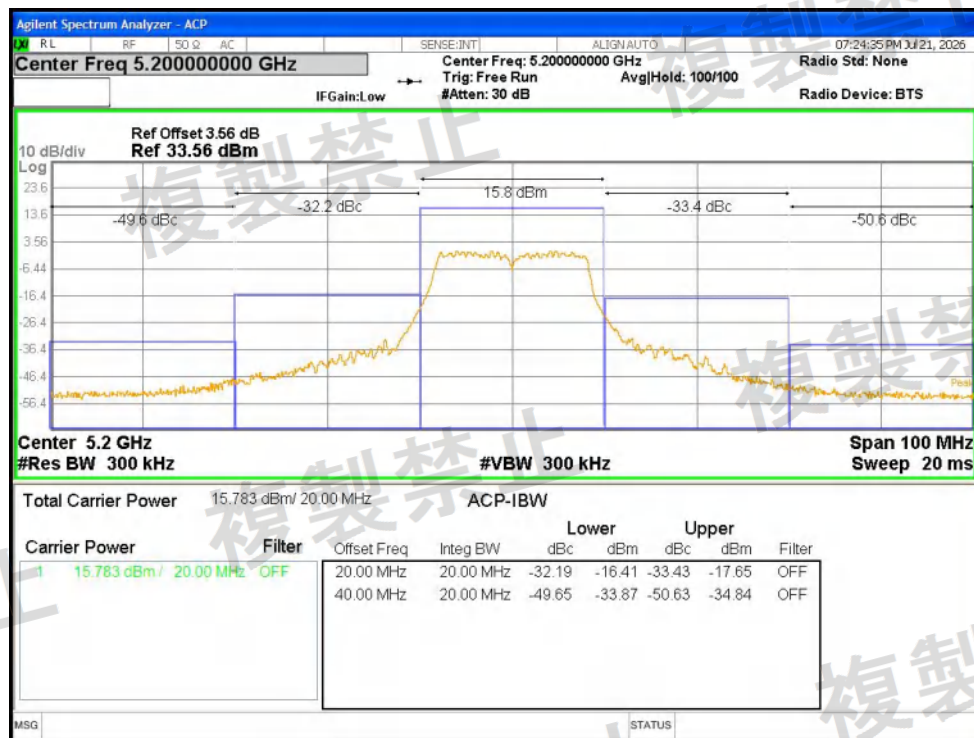
8. Adjacent Channel Emitted Power

Condition	Mode	Frequency (MHz)	Antenna	Offset (MHz)	Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-20	-32.05	-25	Pass
NVNT	a	5180	Ant1	-40	-50.3	-40	Pass
NVNT	a	5180	Ant1	20	-33.63	-25	Pass
NVNT	a	5180	Ant1	40	-50.88	-40	Pass
NVNT	a	5200	Ant1	-20	-32.19	-25	Pass
NVNT	a	5200	Ant1	-40	-49.65	-40	Pass
NVNT	a	5200	Ant1	20	-33.43	-25	Pass
NVNT	a	5200	Ant1	40	-50.63	-40	Pass
NVNT	a	5240	Ant1	-20	-32.71	-25	Pass
NVNT	a	5240	Ant1	-40	-49.5	-40	Pass
NVNT	a	5240	Ant1	20	-34.03	-25	Pass
NVNT	a	5240	Ant1	40	-50.2	-40	Pass
NVNT	n20	5180	Ant1	-20	-30.61	-25	Pass
NVNT	n20	5180	Ant1	-40	-49.55	-40	Pass
NVNT	n20	5180	Ant1	20	-32.77	-25	Pass
NVNT	n20	5180	Ant1	40	-50.43	-40	Pass
NVNT	n20	5200	Ant1	-20	-30.92	-25	Pass
NVNT	n20	5200	Ant1	-40	-49.07	-40	Pass
NVNT	n20	5200	Ant1	20	-32.57	-25	Pass
NVNT	n20	5200	Ant1	40	-49.94	-40	Pass
NVNT	n20	5240	Ant1	-20	-31.04	-25	Pass
NVNT	n20	5240	Ant1	-40	-48.86	-40	Pass
NVNT	n20	5240	Ant1	20	-32.69	-25	Pass
NVNT	n20	5240	Ant1	40	-49.6	-40	Pass
NVNT	n40	5190	Ant1	-40	-33.69	-25	Pass
NVNT	n40	5190	Ant1	-80	-48.04	-40	Pass
NVNT	n40	5190	Ant1	40	-34.35	-25	Pass
NVNT	n40	5190	Ant1	80	-48.58	-40	Pass
NVNT	n40	5230	Ant1	-40	-34.13	-25	Pass
NVNT	n40	5230	Ant1	-80	-47.05	-40	Pass
NVNT	n40	5230	Ant1	40	-34.6	-25	Pass
NVNT	n40	5230	Ant1	80	-47.69	-40	Pass
NVNT	ac20	5180	Ant1	-20	-30.67	-25	Pass
NVNT	ac20	5180	Ant1	-40	-49.59	-40	Pass
NVNT	ac20	5180	Ant1	20	-32.55	-25	Pass
NVNT	ac20	5180	Ant1	40	-50.49	-40	Pass
NVNT	ac20	5200	Ant1	-20	-30.86	-25	Pass
NVNT	ac20	5200	Ant1	-40	-49.13	-40	Pass
NVNT	ac20	5200	Ant1	20	-32.56	-25	Pass
NVNT	ac20	5200	Ant1	40	-50.06	-40	Pass

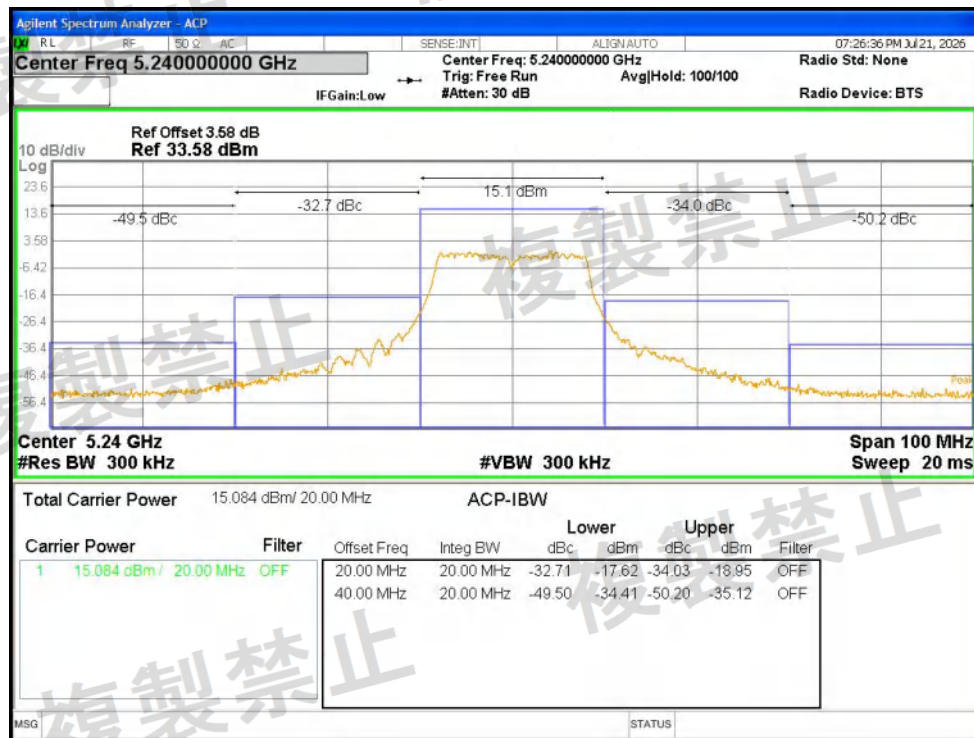
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NVNT	ac20	5240	Ant1	-40	-48.95	-40	Pass
NVNT	ac20	5240	Ant1	20	-32.75	-25	Pass
NVNT	ac20	5240	Ant1	40	-49.82	-40	Pass
NVNT	ac40	5190	Ant1	-40	-33.83	-25	Pass
NVNT	ac40	5190	Ant1	-80	-48.22	-40	Pass
NVNT	ac40	5190	Ant1	40	-33.92	-25	Pass
NVNT	ac40	5190	Ant1	80	-48.96	-40	Pass
NVNT	ac40	5230	Ant1	-40	-33.94	-25	Pass
NVNT	ac40	5230	Ant1	-80	-47.15	-40	Pass
NVNT	ac40	5230	Ant1	40	-34.35	-25	Pass
NVNT	ac40	5230	Ant1	80	-47.85	-40	Pass



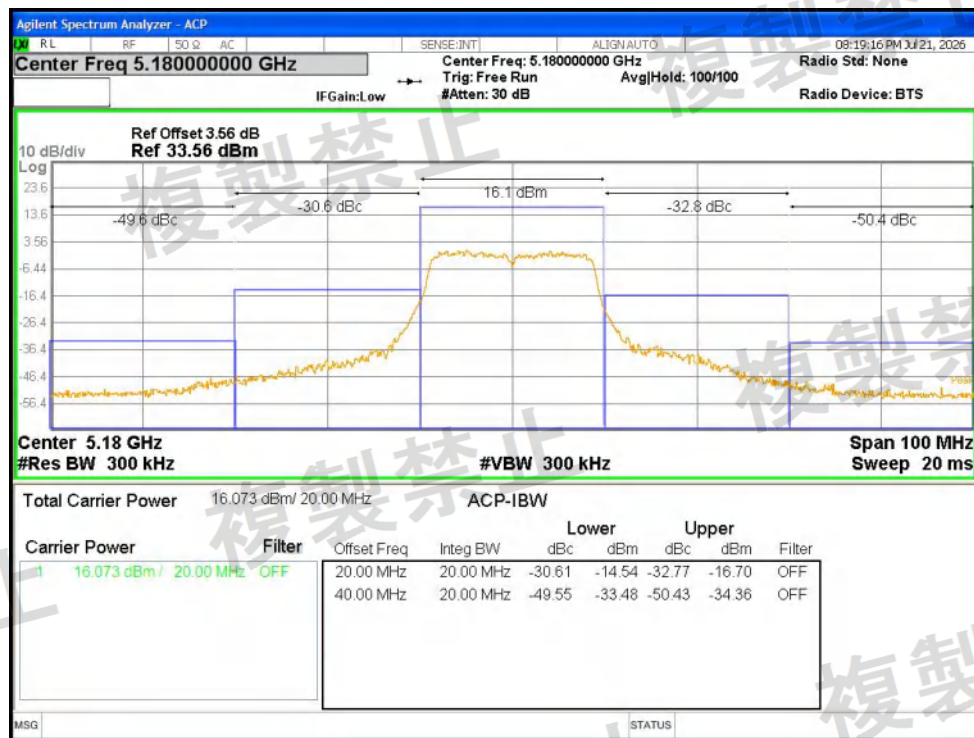
ACEP NVNT a 5180MHz Ant1



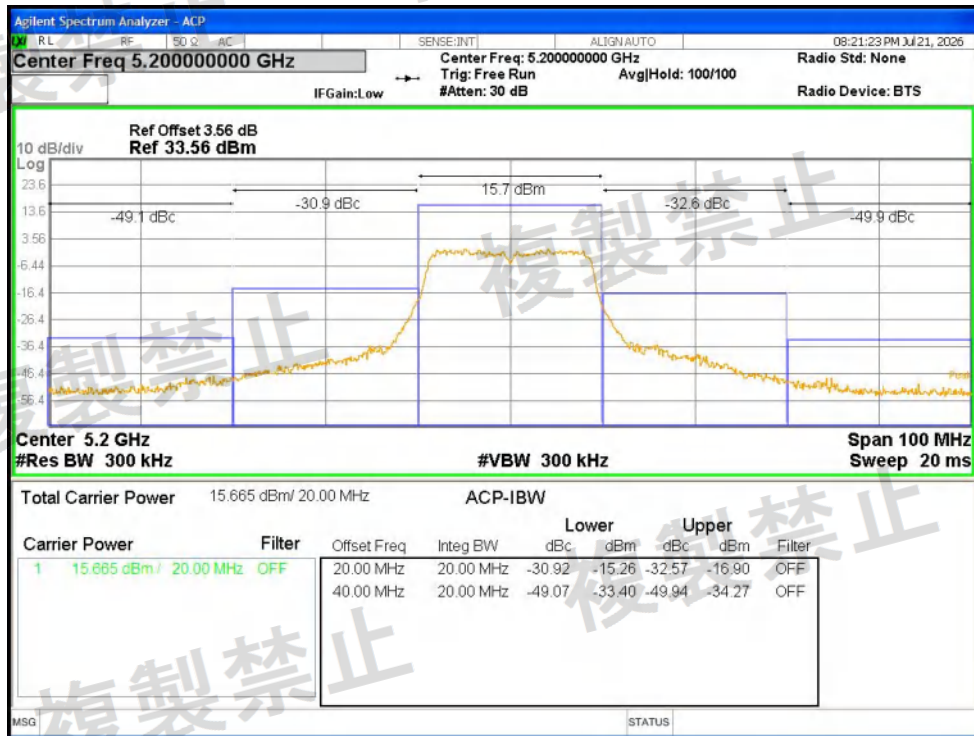
ACEP NVNT a 5200MHz Ant1



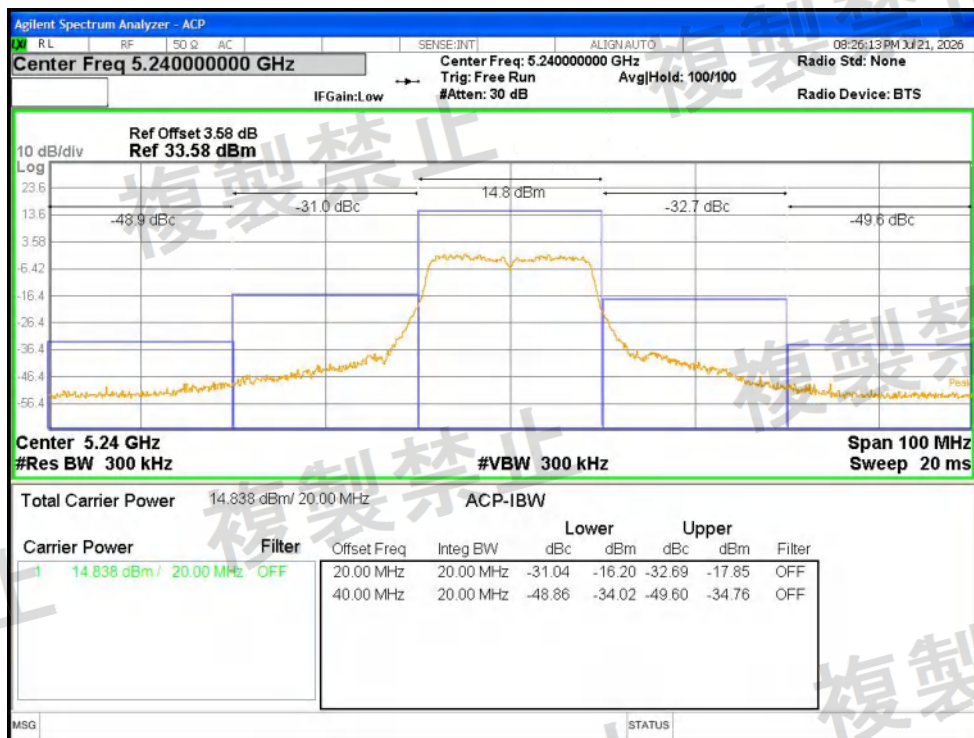
ACEP NVNT a 5240MHz Ant1



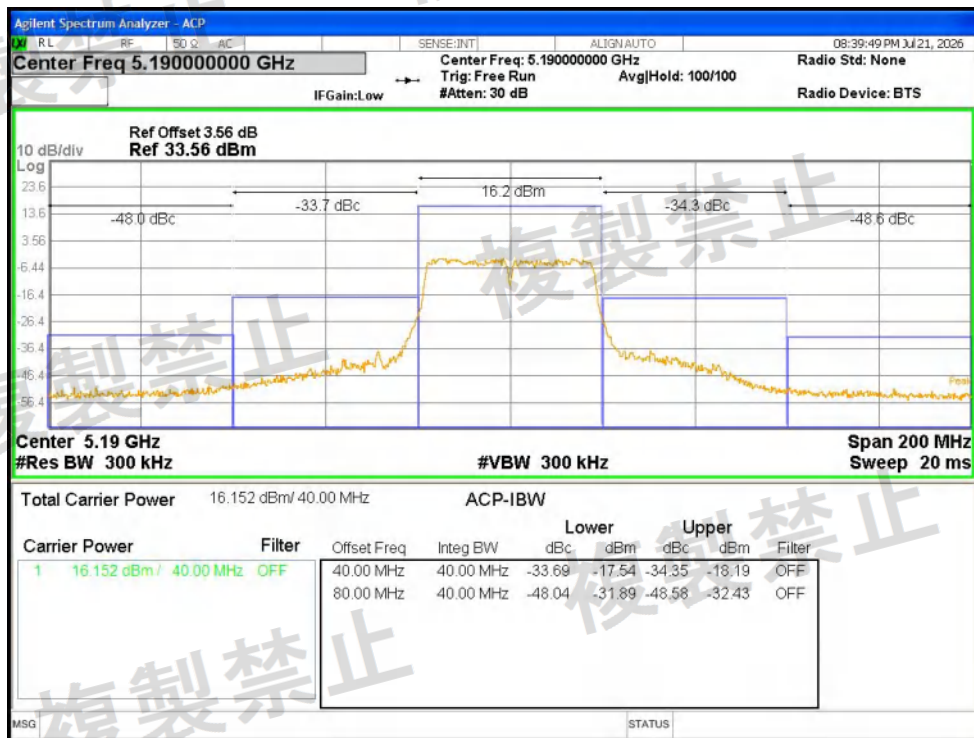
ACEP NVNT n20 5180MHz Ant1



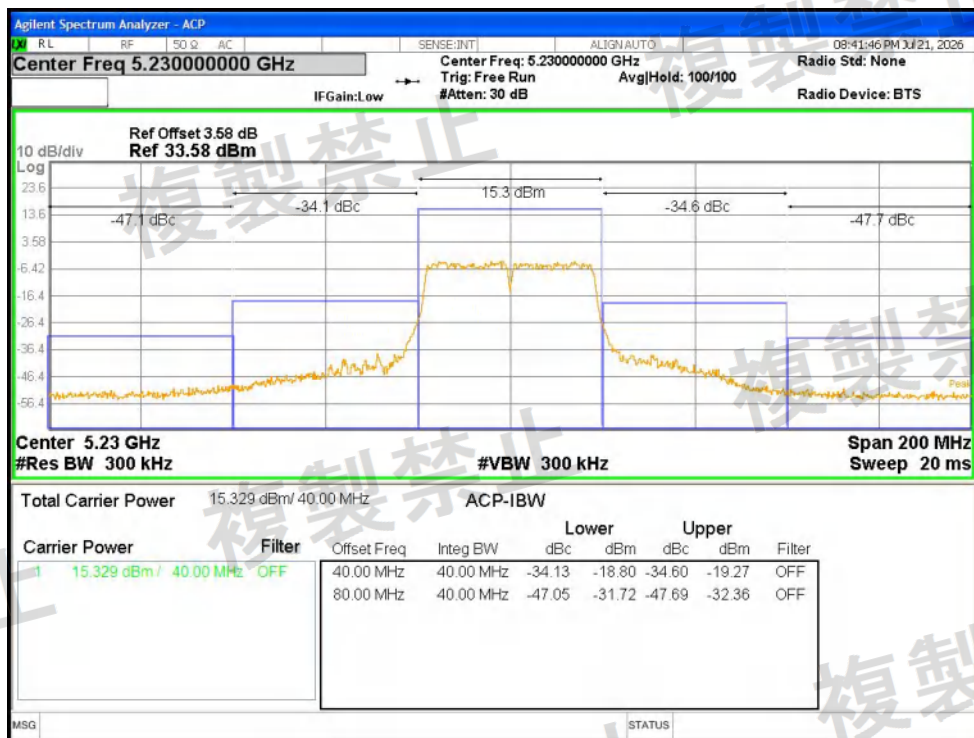
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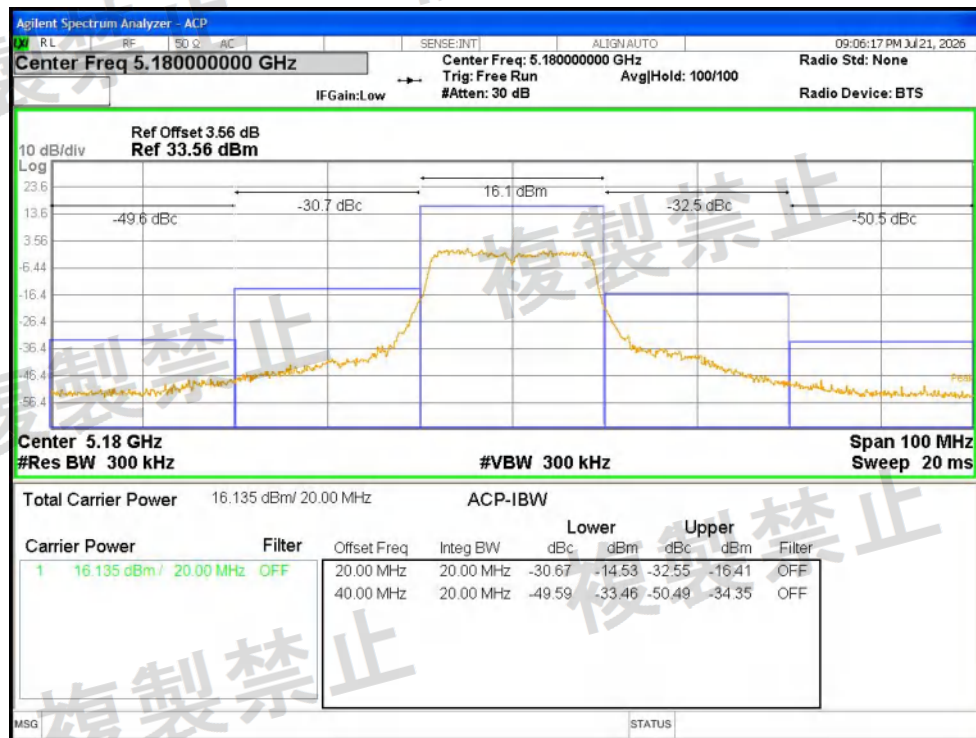
ACEP NVNT n20 5240MHz Ant1



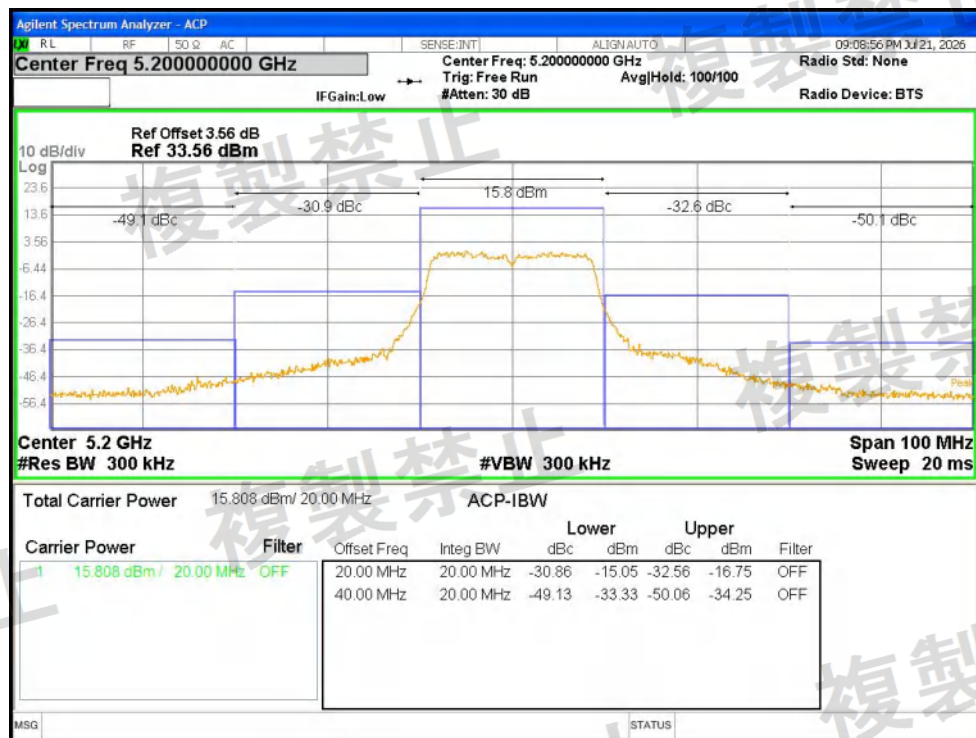
ACEP NVNT n40 5190MHz Ant1



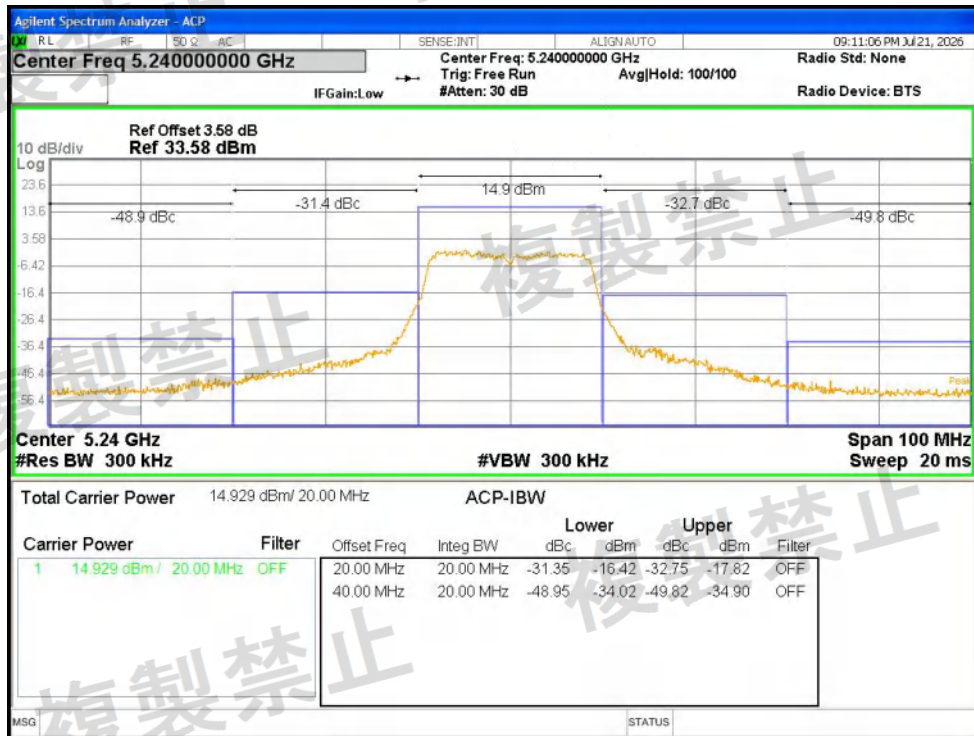
ACEP NVNT n40 5230MHz Ant1



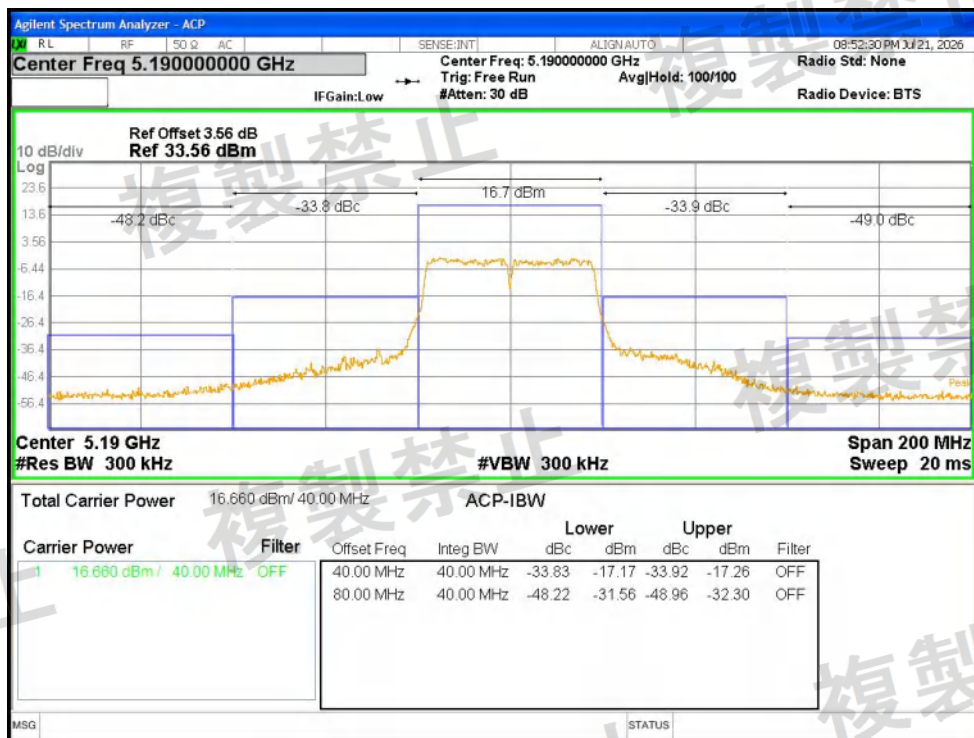
ACEP NVNT ac20 5180MHz Ant1



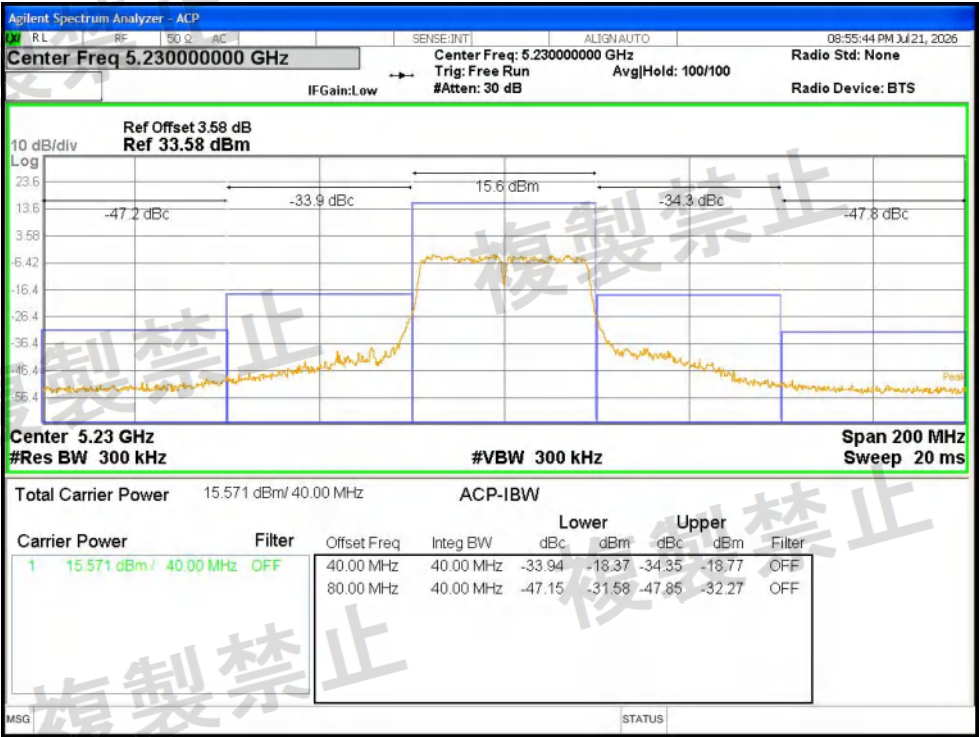
ACEP NVNT ac20 5200MHz Ant1



ACEP NVNT ac20 5240MHz Ant1



ACEP NVNT ac40 5190MHz Ant1



ACEP NVNT ac40 5230MHz Ant1