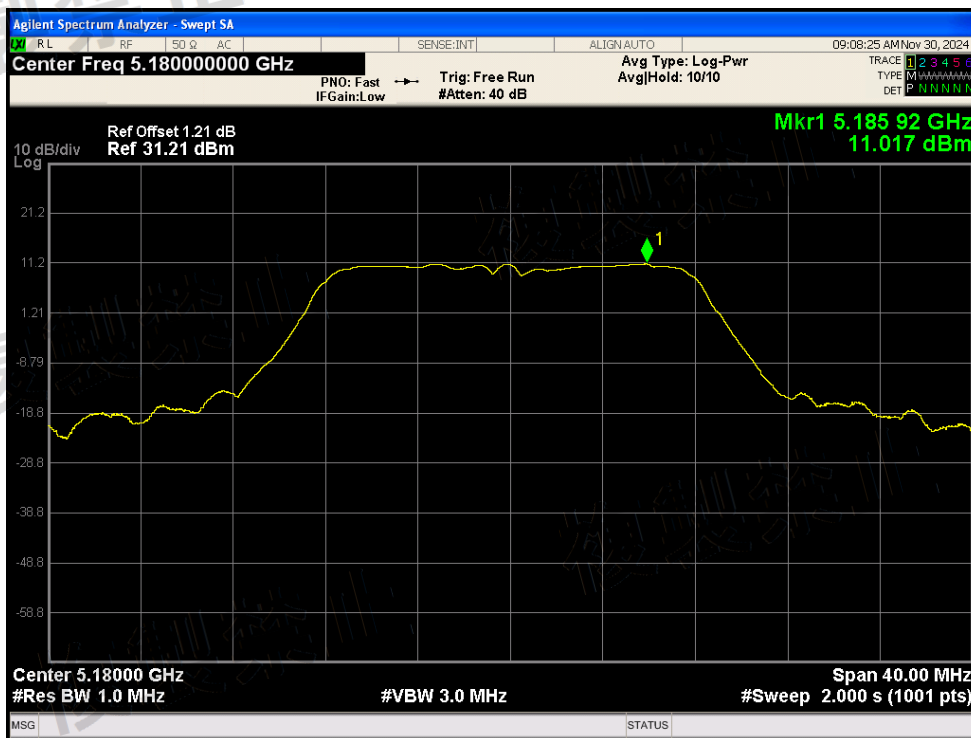


WIFI 5.2G

Antenna and EIRP Power

Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (mW/MHz)	Declared Power (mW/MHz)	Tolerance (%)	Upper Limit (%)	Lower Limit (%)	Verdict
NVNT	a	5180	Ant1	1.063	2	-46.84	20	-80	Pass
NVNT	a	5200	Ant1	1.097	2	-45.16	20	-80	Pass
NVNT	a	5240	Ant1	0.956	2	-52.18	20	-80	Pass
NVNT	ac20	5180	Ant1	0.327	0.4	-18.26	20	-80	Pass
NVNT	ac20	5200	Ant1	0.342	0.4	-14.45	20	-80	Pass
NVNT	ac20	5240	Ant1	0.42	0.4	5.04	20	-80	Pass
NVNT	ac40	5190	Ant1	0.133	0.4	-66.75	20	-80	Pass
NVNT	ac40	5230	Ant1	0.167	0.4	-58.2	20	-80	Pass
NVNT	ac80	5210	Ant1	0.064	0.2	-68.17	20	-80	Pass
NVNT	n20	5180	Ant1	0.857	1.5	-42.89	20	-80	Pass
NVNT	n20	5200	Ant1	0.897	1.5	-40.17	20	-80	Pass
NVNT	n20	5240	Ant1	0.728	1.5	-51.48	20	-80	Pass
NVNT	n40	5190	Ant1	0.123	0.5	-75.38	20	-80	Pass
NVNT	n40	5230	Ant1	0.147	0.5	-70.61	20	-80	Pass

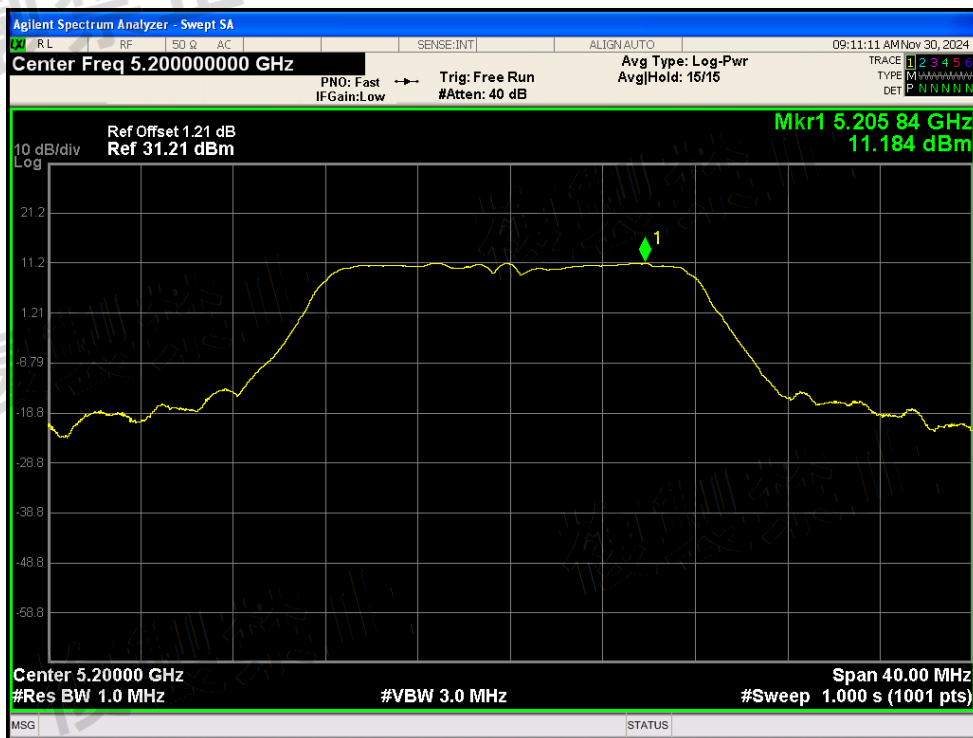
Power NVNT a 5180MHz Ant1 Pre Scan



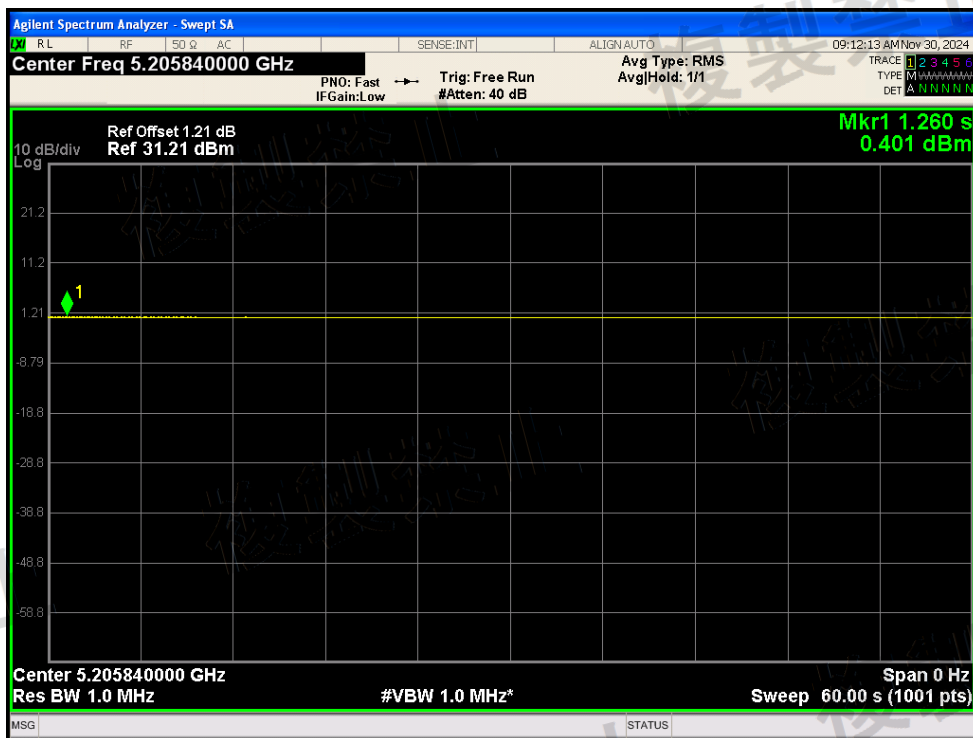
Power NVNT a 5180MHz Ant1 Zero Span



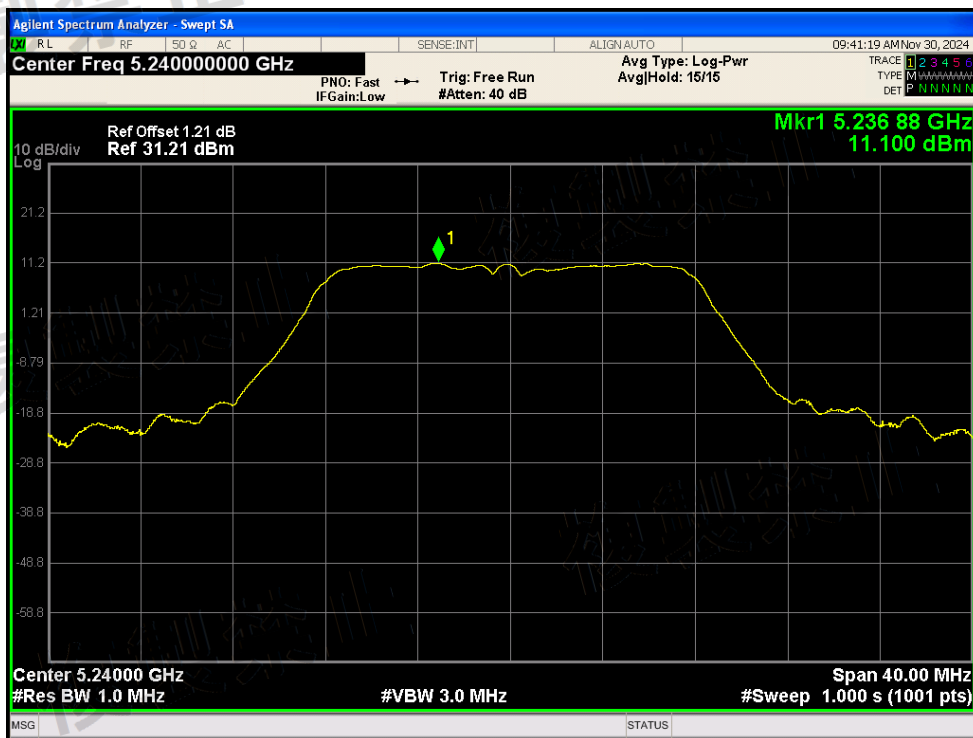
Power NVNT a 5200MHz Ant1 Pre Scan



Power NVNT a 5200MHz Ant1 Zero Span



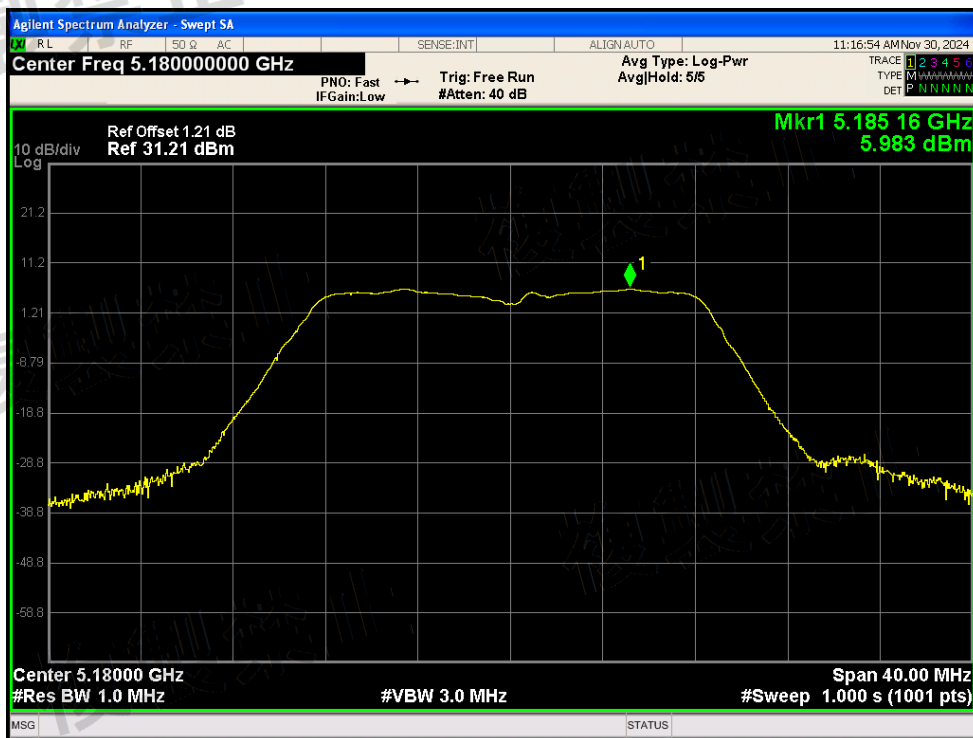
Power NVNT a 5240MHz Ant1 Pre Scan



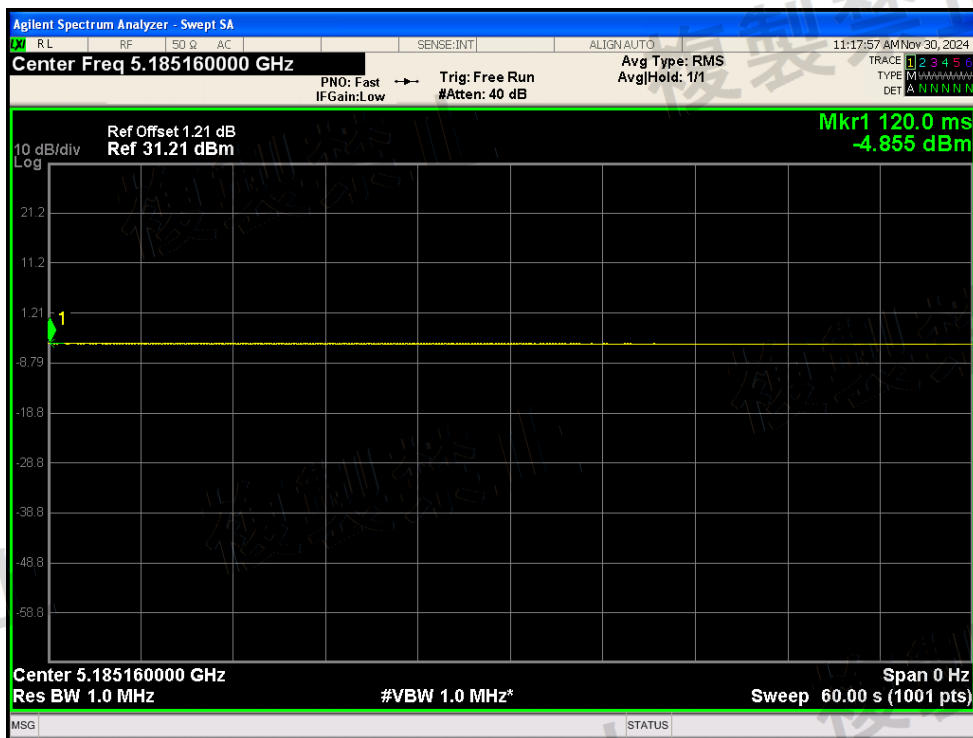
Power NVNT a 5240MHz Ant1 Zero Span



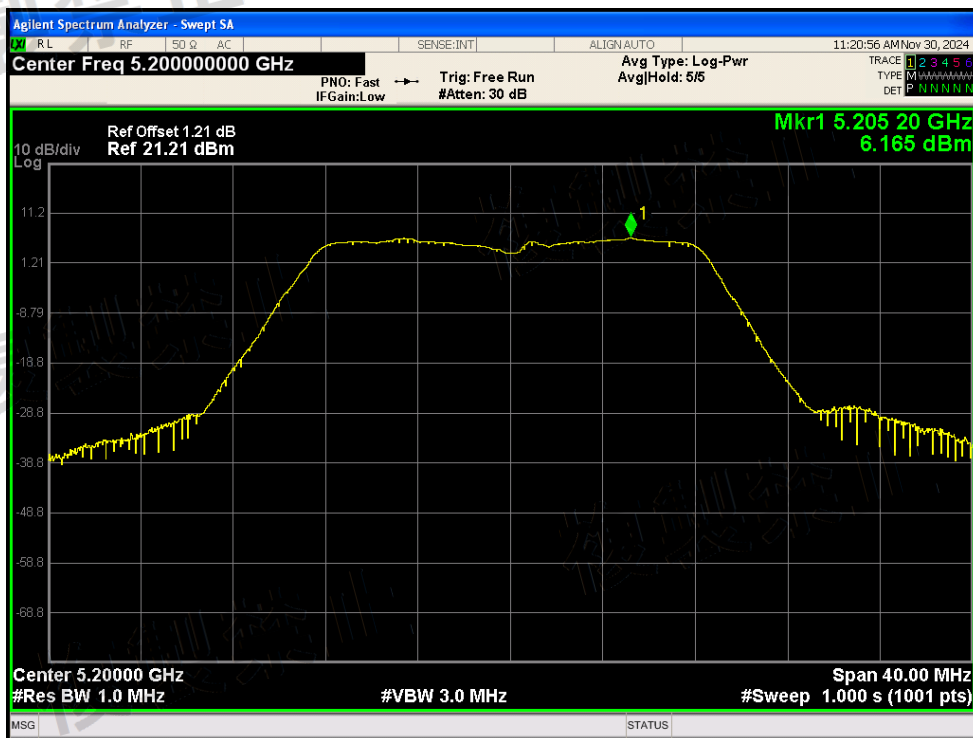
Power NVNT ac20 5180MHz Ant1 Pre Scan



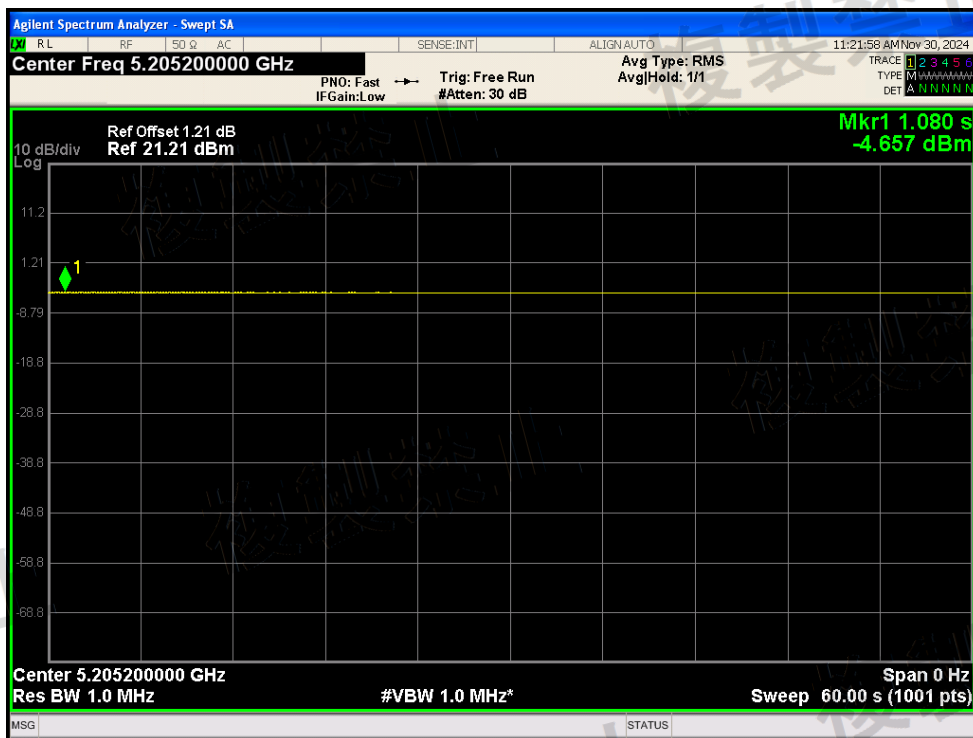
Power NVNT ac20 5180MHz Ant1 Zero Span



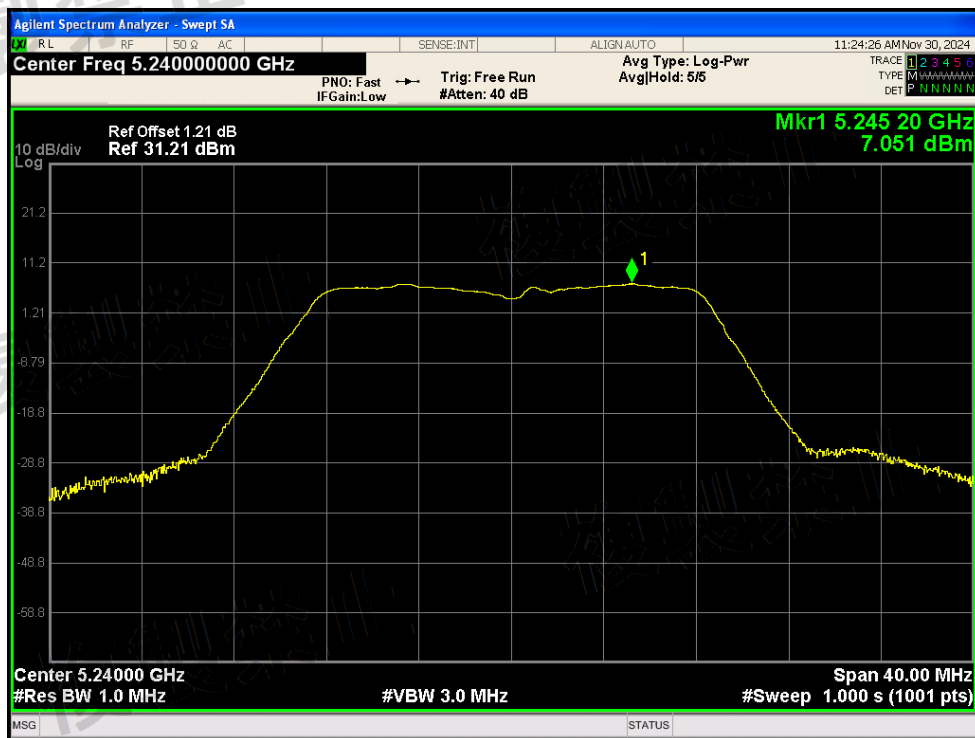
Power NVNT ac20 5200MHz Ant1 Pre Scan



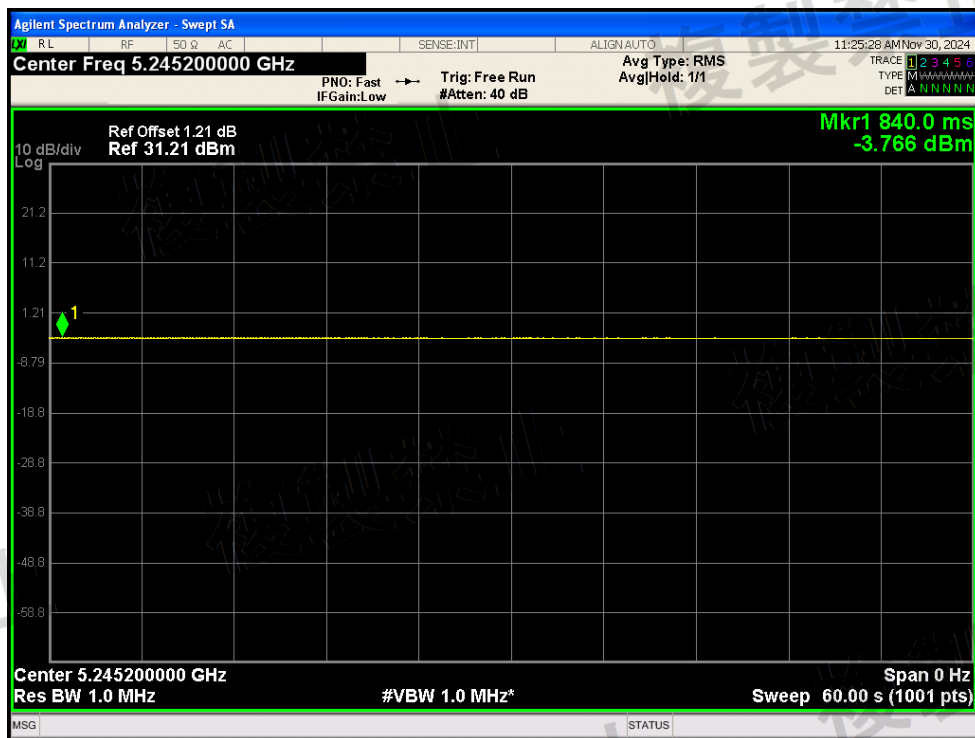
Power NVNT ac20 5200MHz Ant1 Zero Span



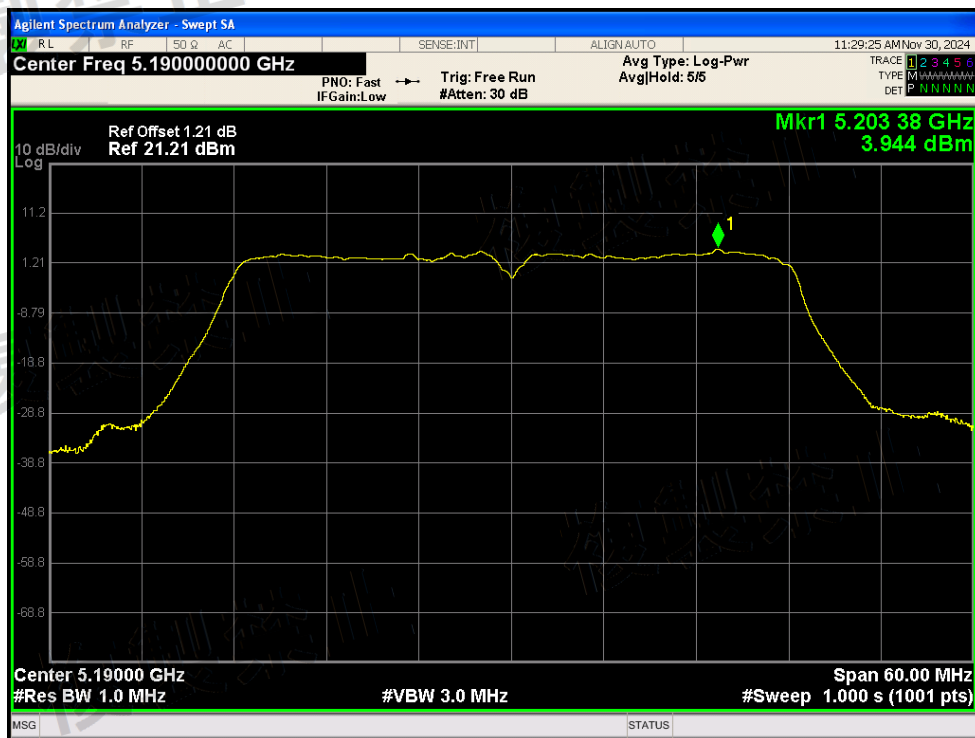
Power NVNT ac20 5240MHz Ant1 Pre Scan



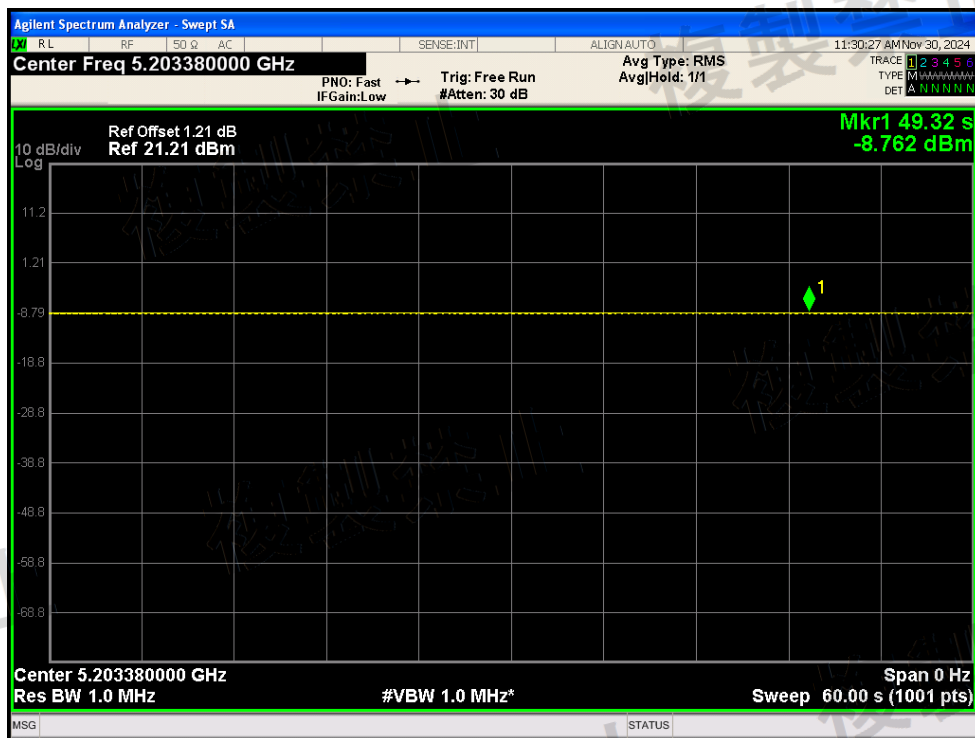
Power NVNT ac20 5240MHz Ant1 Zero Span



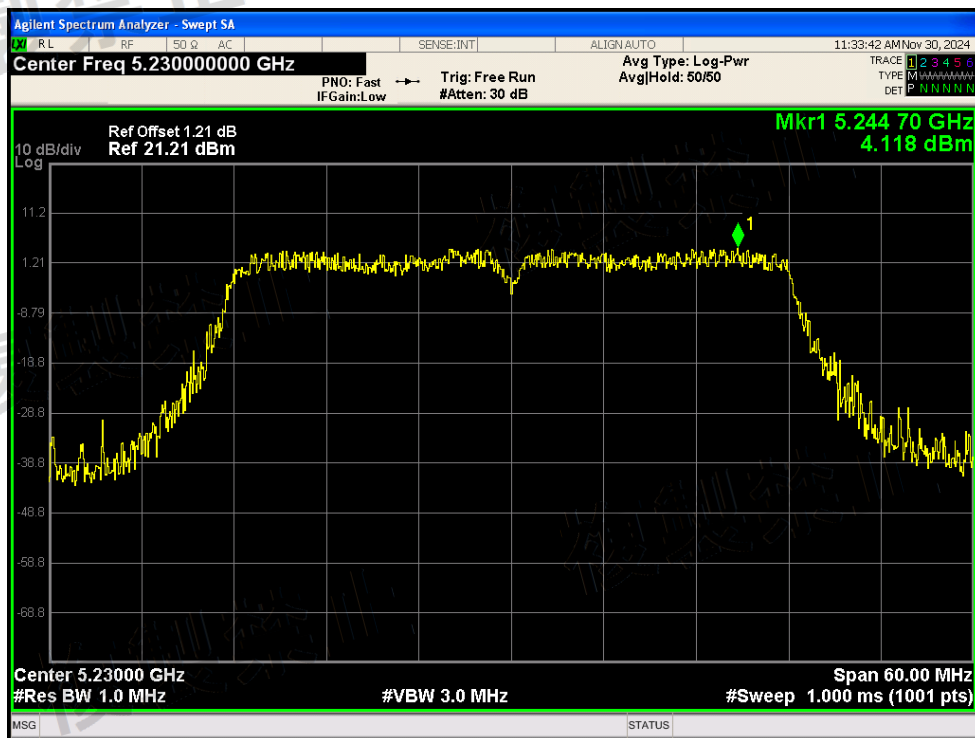
Power NVNT ac40 5190MHz Ant1 Pre Scan



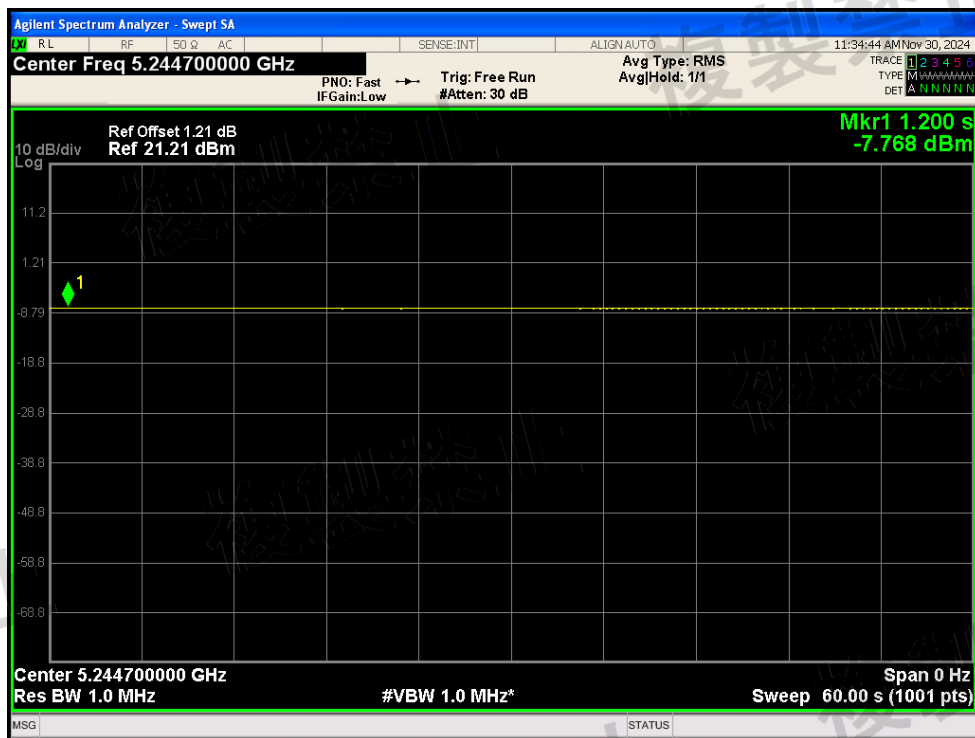
Power NVNT ac40 5190MHz Ant1 Zero Span



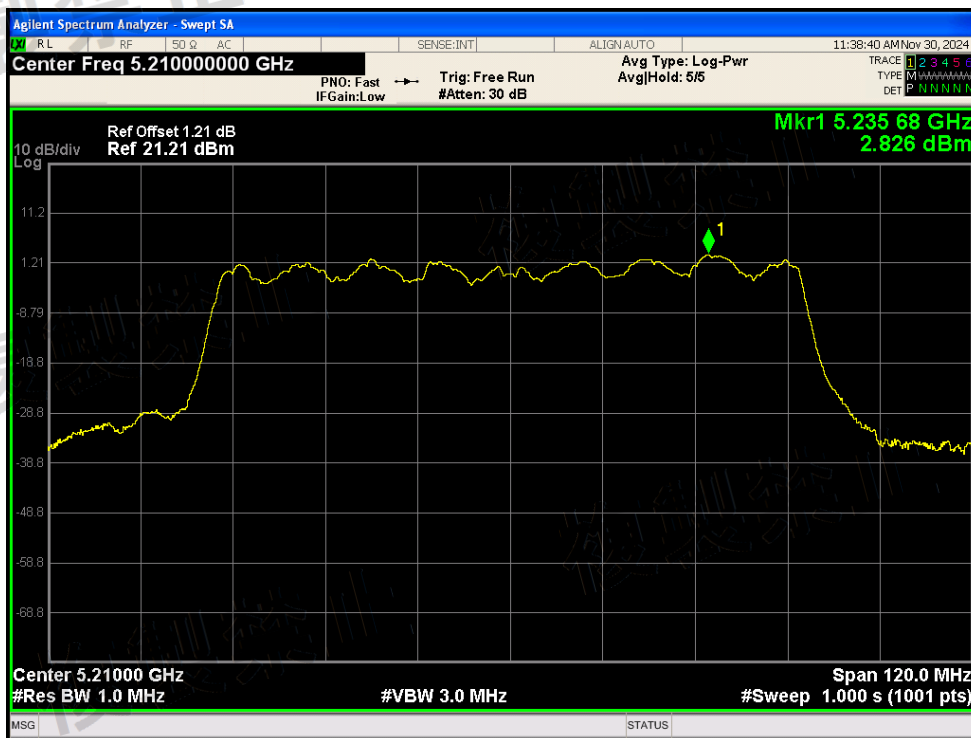
Power NVNT ac40 5230MHz Ant1 Pre Scan



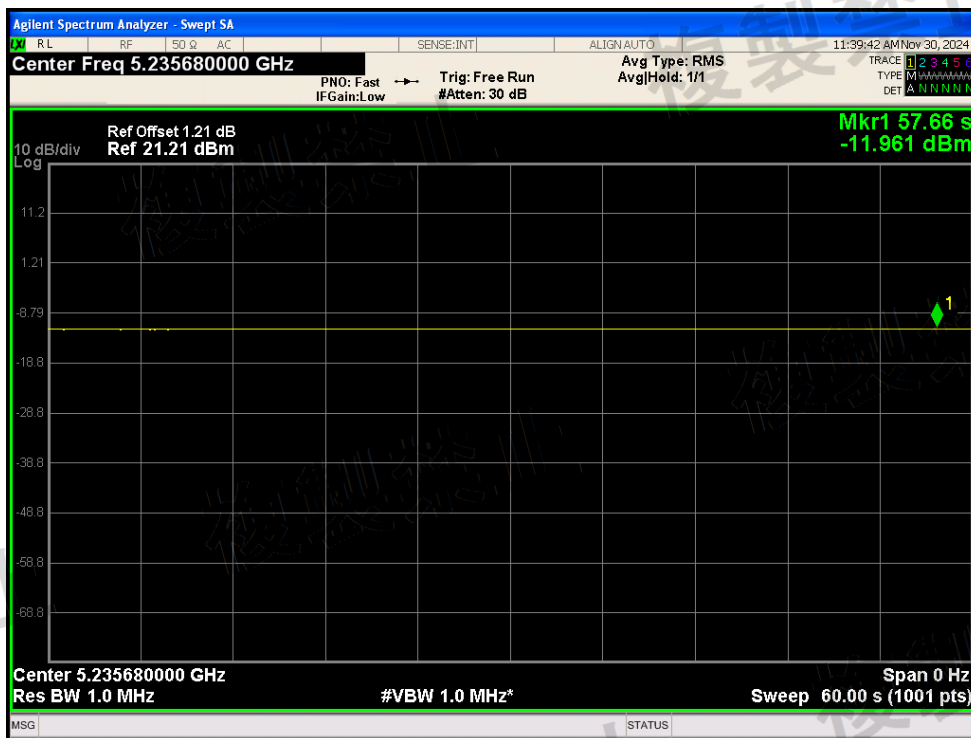
Power NVNT ac40 5230MHz Ant1 Zero Span



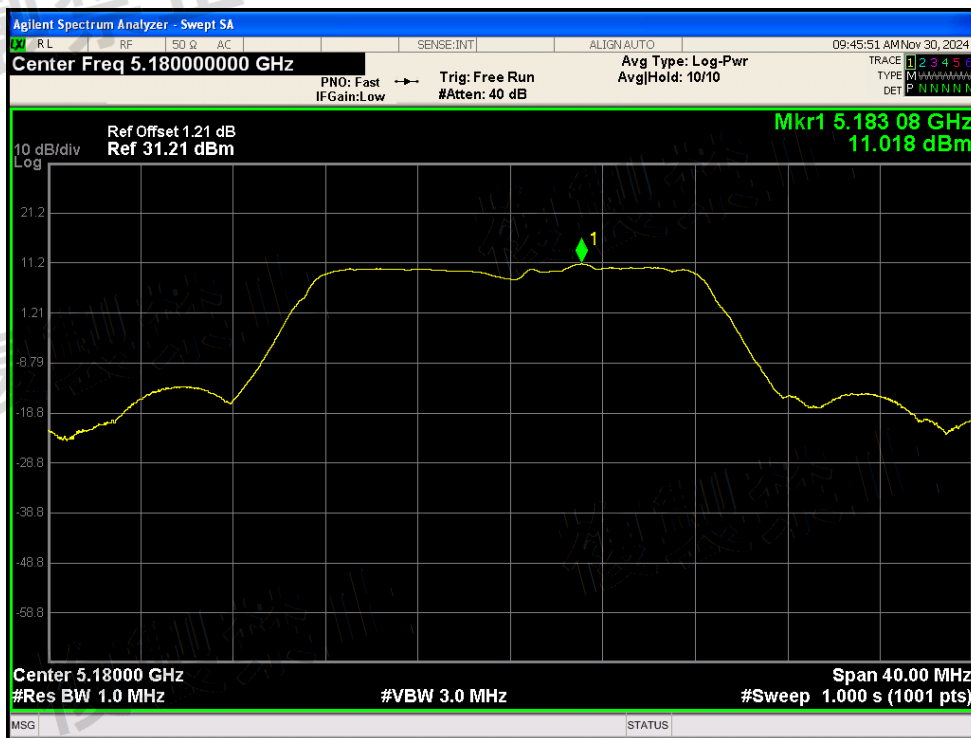
Power NVNT ac80 5210MHz Ant1 Pre Scan



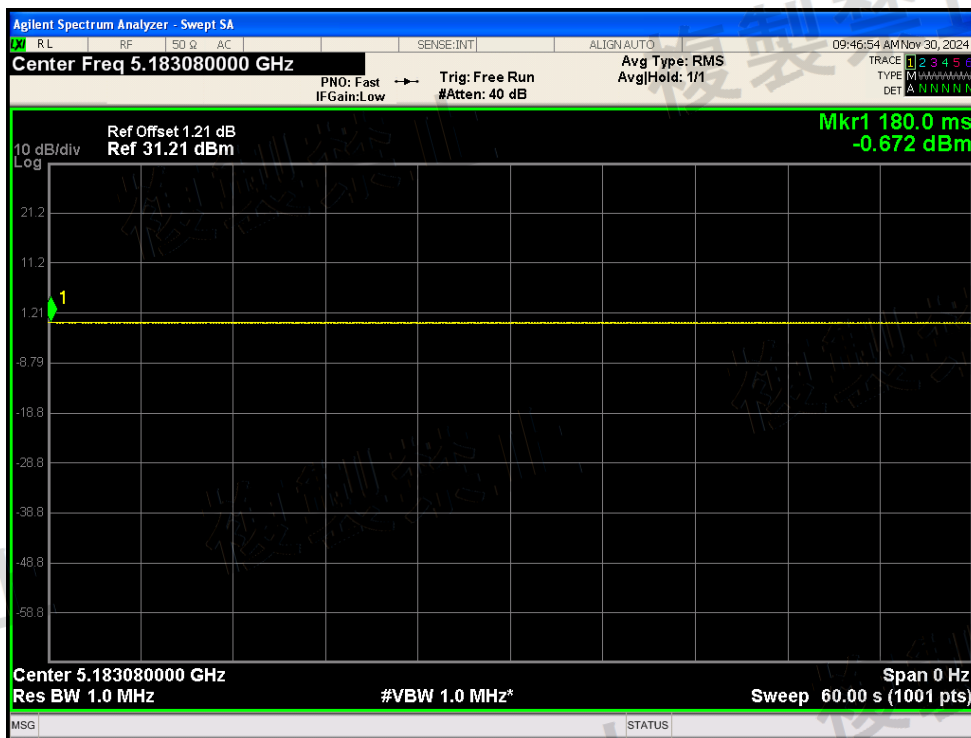
Power NVNT ac80 5210MHz Ant1 Zero Span



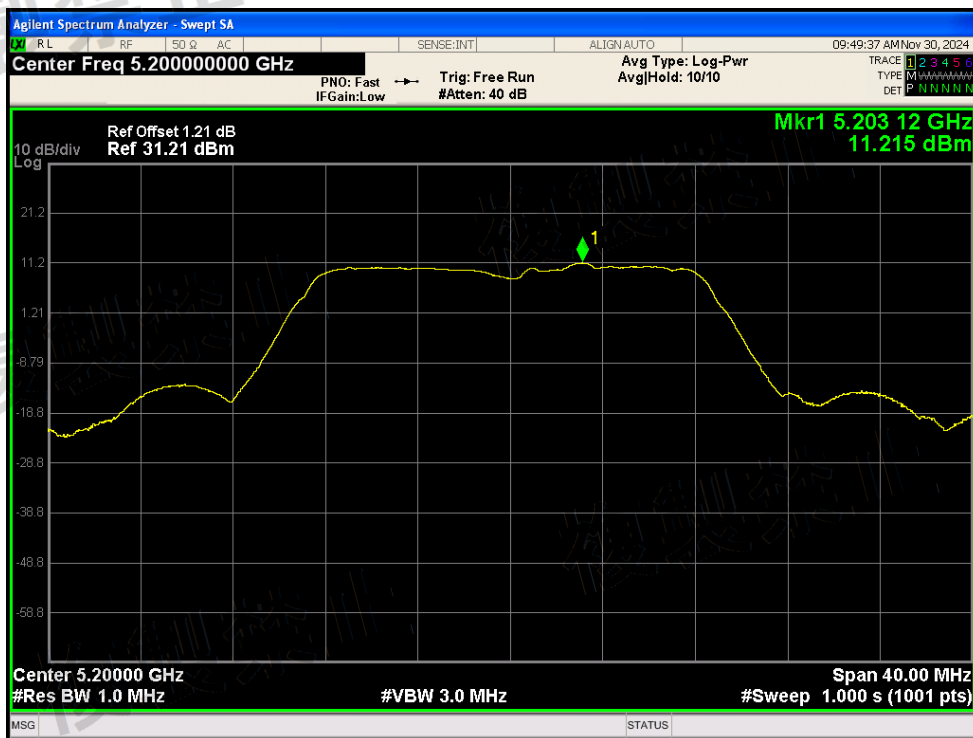
Power NVNT n20 5180MHz Ant1 Pre Scan



Power NVNT n20 5180MHz Ant1 Zero Span



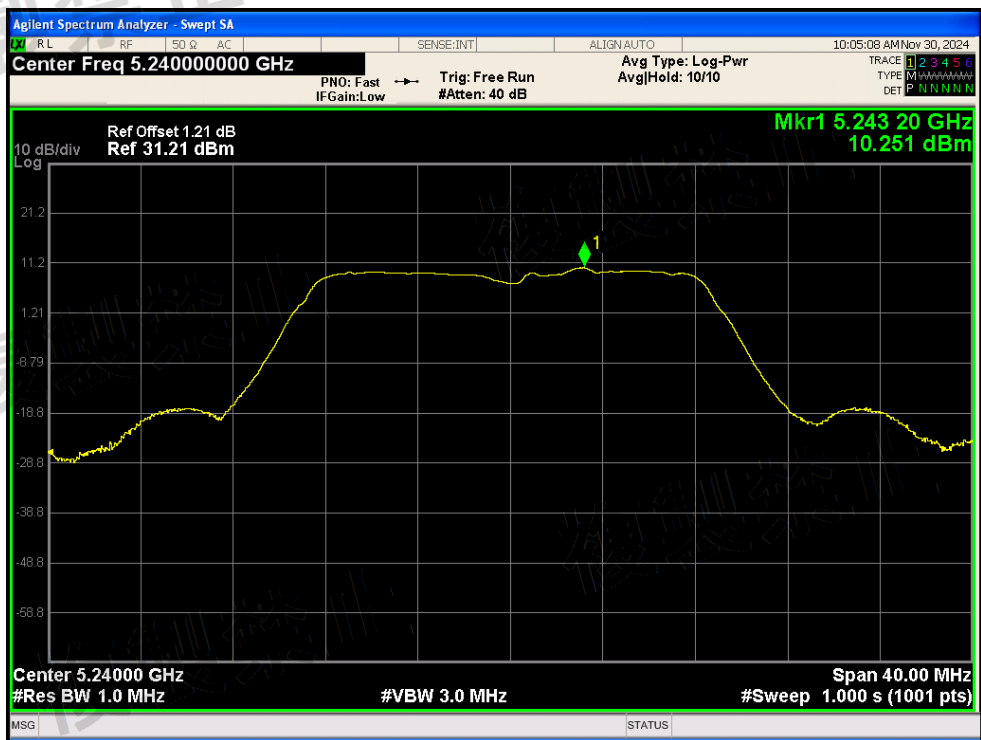
Power NVNT n20 5200MHz Ant1 Pre Scan



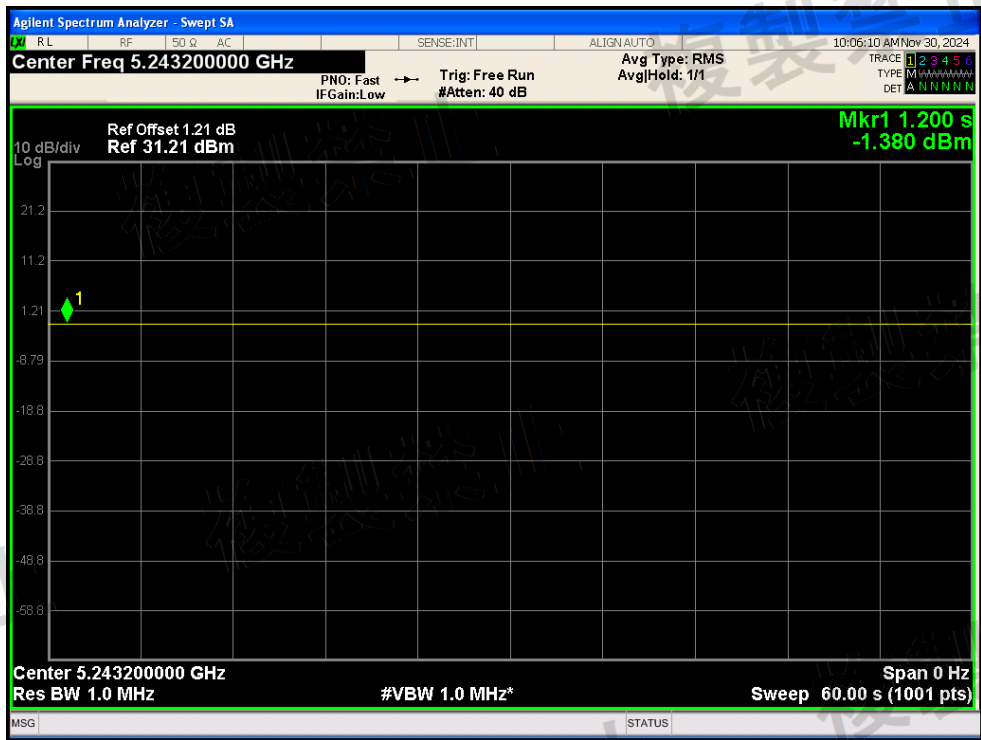
Power NVNT n20 5200MHz Ant1 Zero Span



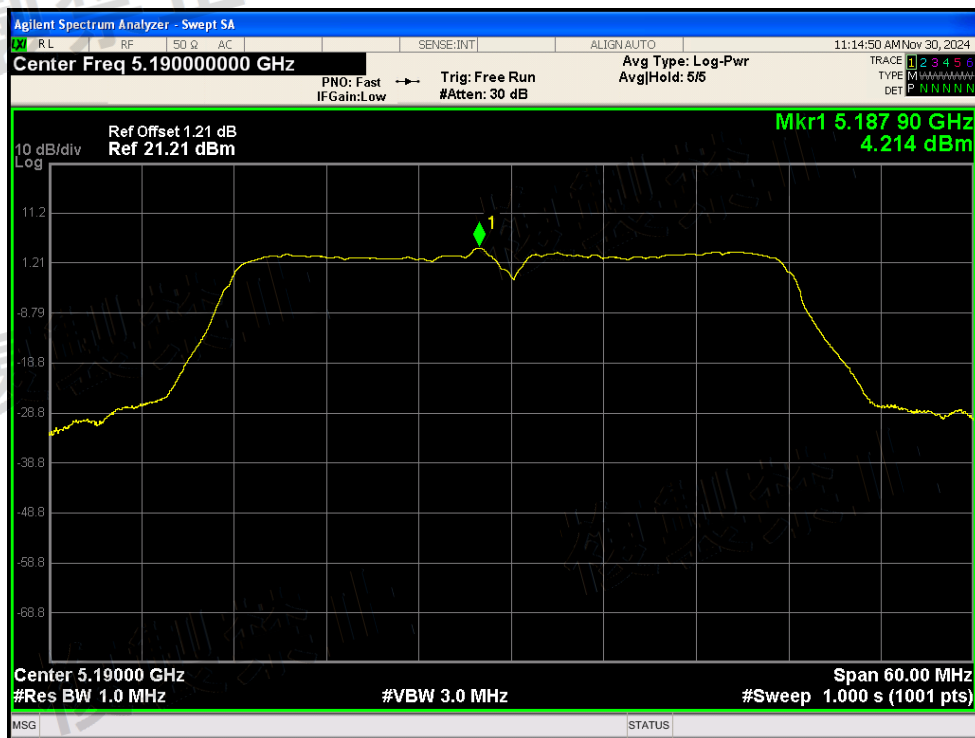
Power NVNT n20 5240MHz Ant1 Pre Scan



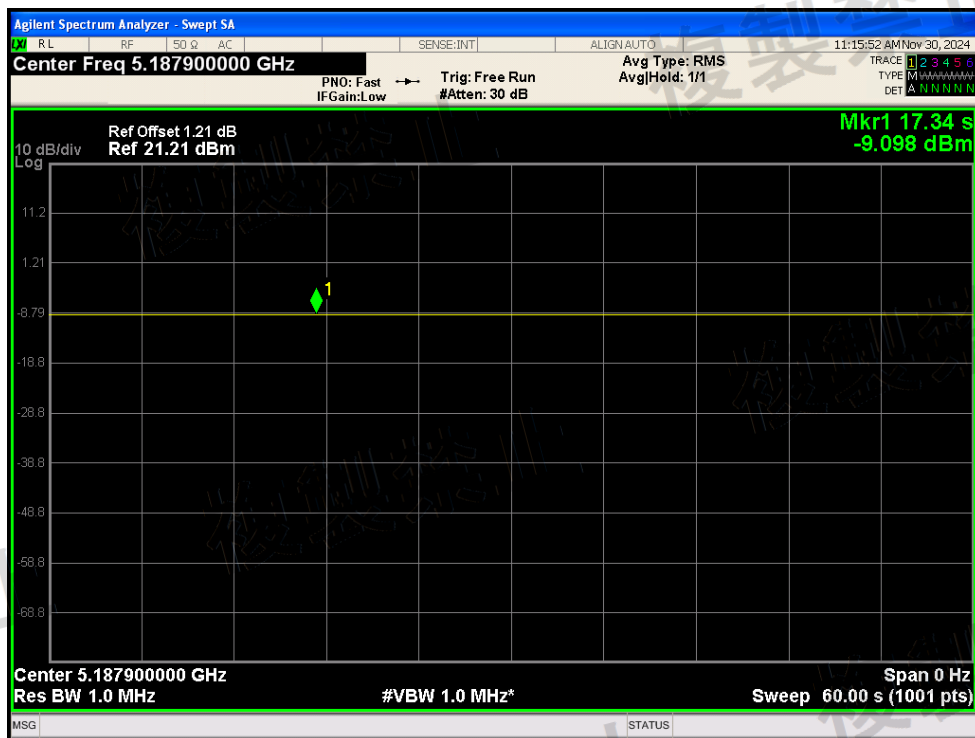
Power NVNT n20 5240MHz Ant1 Zero Span



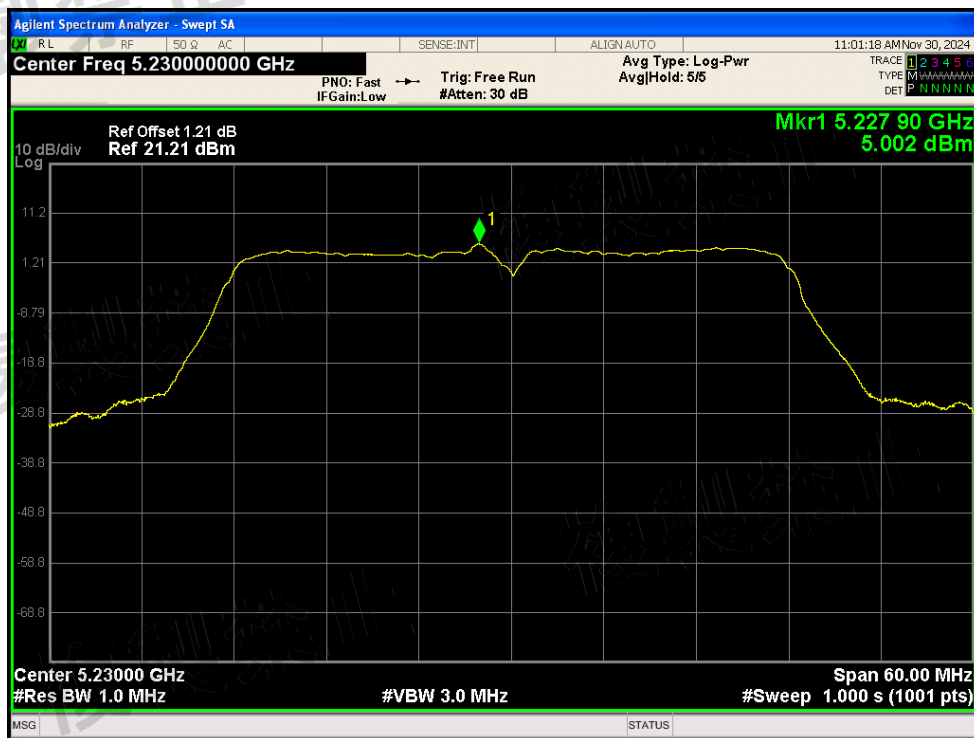
Power NVNT n40 5190MHz Ant1 Pre Scan



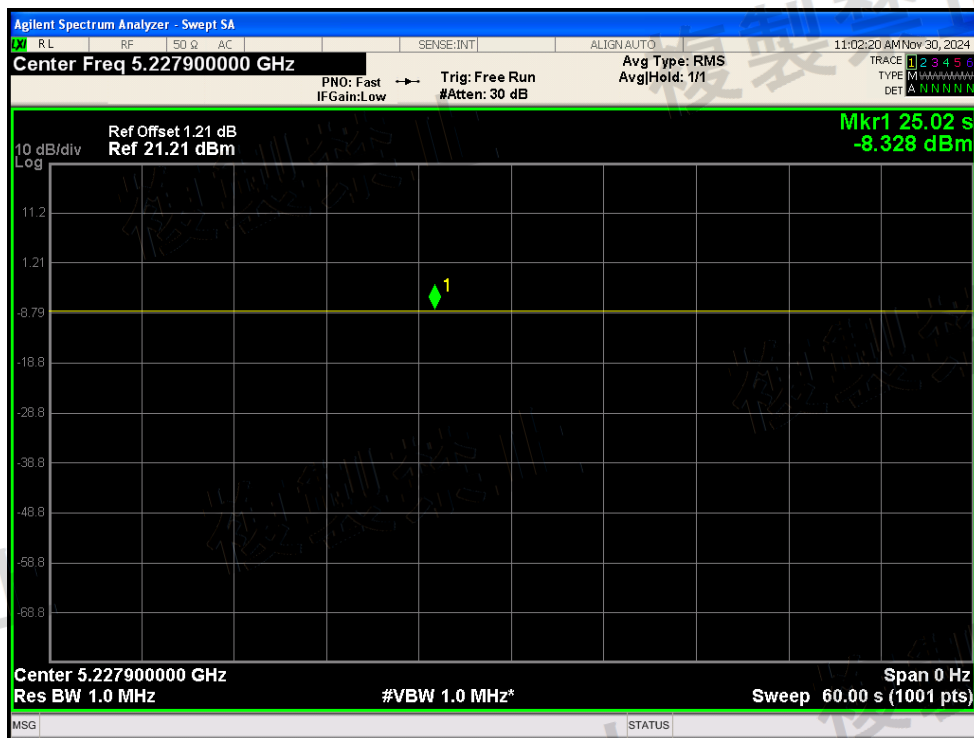
Power NVNT n40 5190MHz Ant1 Zero Span



Power NVNT n40 5230MHz Ant1 Pre Scan



Power NVNT n40 5230MHz Ant1 Zero Span



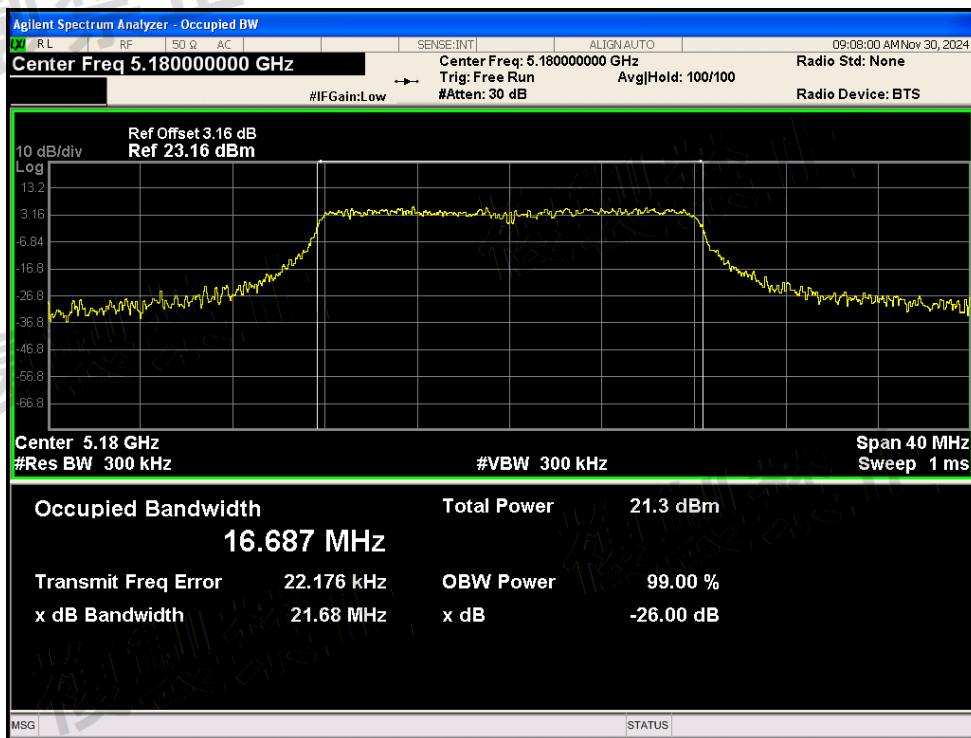
EIRP Power

Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (mW/MHz)	Gain (dBi)	EIRP Power (mW/MHz)	Limit (mW/MHz)	Verdict
NVNT	a	5180	Ant1	1.063	1.95	1.666	10	Pass
NVNT	a	5200	Ant1	1.097	1.95	1.718	10	Pass
NVNT	a	5240	Ant1	0.956	1.95	1.498	10	Pass
NVNT	ac20	5180	Ant1	0.327	1.95	0.512	10	Pass
NVNT	ac20	5200	Ant1	0.342	1.95	0.536	10	Pass
NVNT	ac20	5240	Ant1	0.42	1.95	0.658	10	Pass
NVNT	ac40	5190	Ant1	0.133	1.95	0.208	5	Pass
NVNT	ac40	5230	Ant1	0.167	1.95	0.262	5	Pass
NVNT	ac80	5210	Ant1	0.064	1.95	0.1	2.5	Pass
NVNT	n20	5180	Ant1	0.857	1.95	1.342	10	Pass
NVNT	n20	5200	Ant1	0.897	1.95	1.406	10	Pass
NVNT	n20	5240	Ant1	0.728	1.95	1.14	10	Pass
NVNT	n40	5190	Ant1	0.123	1.95	0.193	5	Pass
NVNT	n40	5230	Ant1	0.147	1.95	0.23	5	Pass

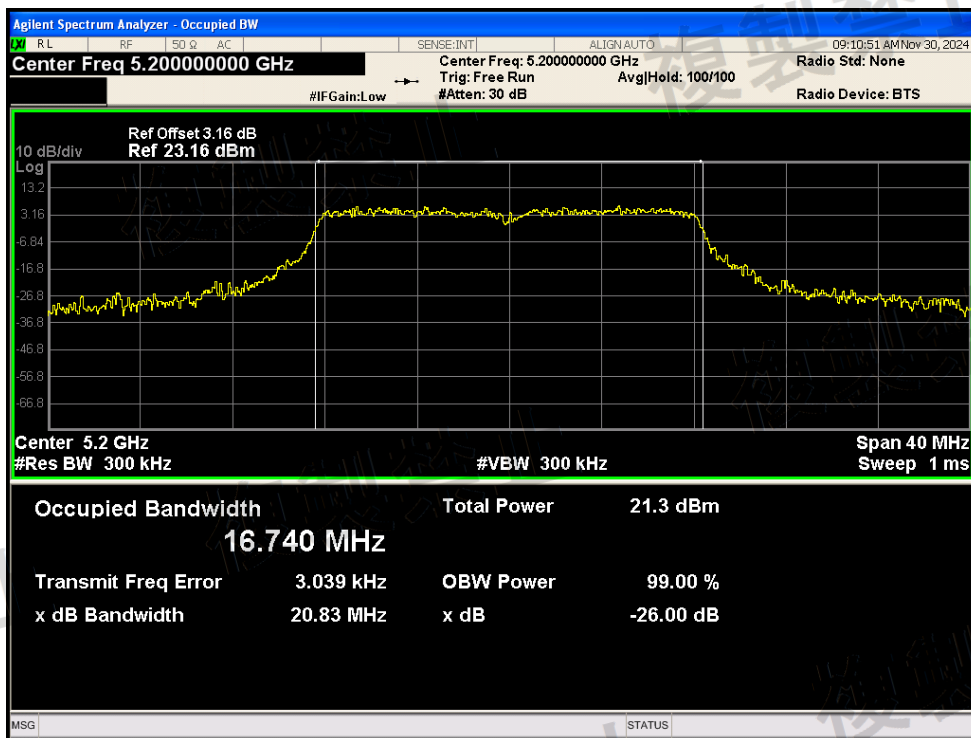
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	Limit (MHz)	Verdict
NVNT	a	5180	Ant1	16.687	20	Pass
NVNT	a	5200	Ant1	16.74	20	Pass
NVNT	a	5240	Ant1	16.735	20	Pass
NVNT	ac20	5180	Ant1	17.744	20	Pass
NVNT	ac20	5200	Ant1	17.756	20	Pass
NVNT	ac20	5240	Ant1	17.768	20	Pass
NVNT	ac40	5190	Ant1	36.107	40	Pass
NVNT	ac40	5230	Ant1	36.132	40	Pass
NVNT	ac80	5210	Ant1	75.517	80	Pass
NVNT	n20	5180	Ant1	17.762	20	Pass
NVNT	n20	5200	Ant1	17.786	20	Pass
NVNT	n20	5240	Ant1	17.758	20	Pass
NVNT	n40	5190	Ant1	36.162	40	Pass
NVNT	n40	5230	Ant1	36.068	40	Pass

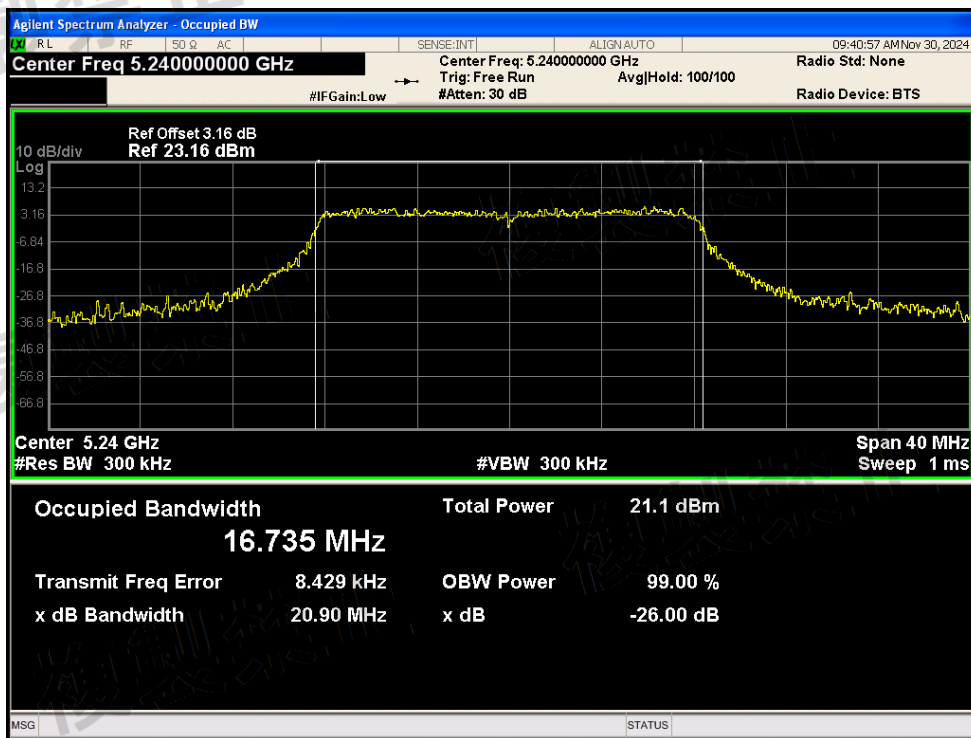
OBW NVNT a 5180MHz Ant1



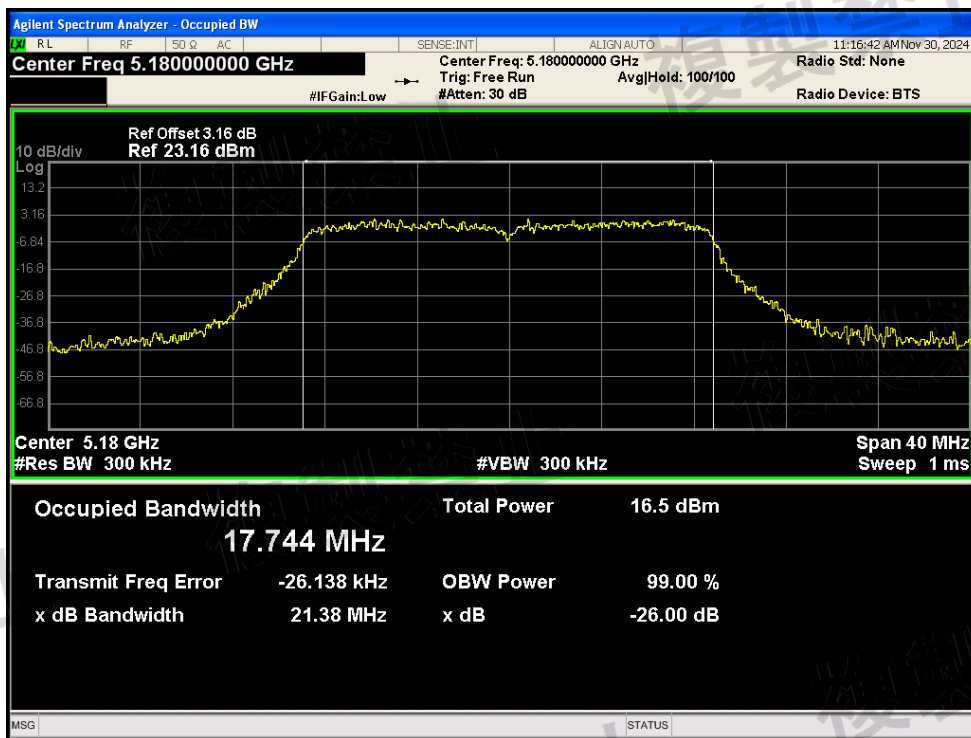
OBW NVNT a 5200MHz Ant1



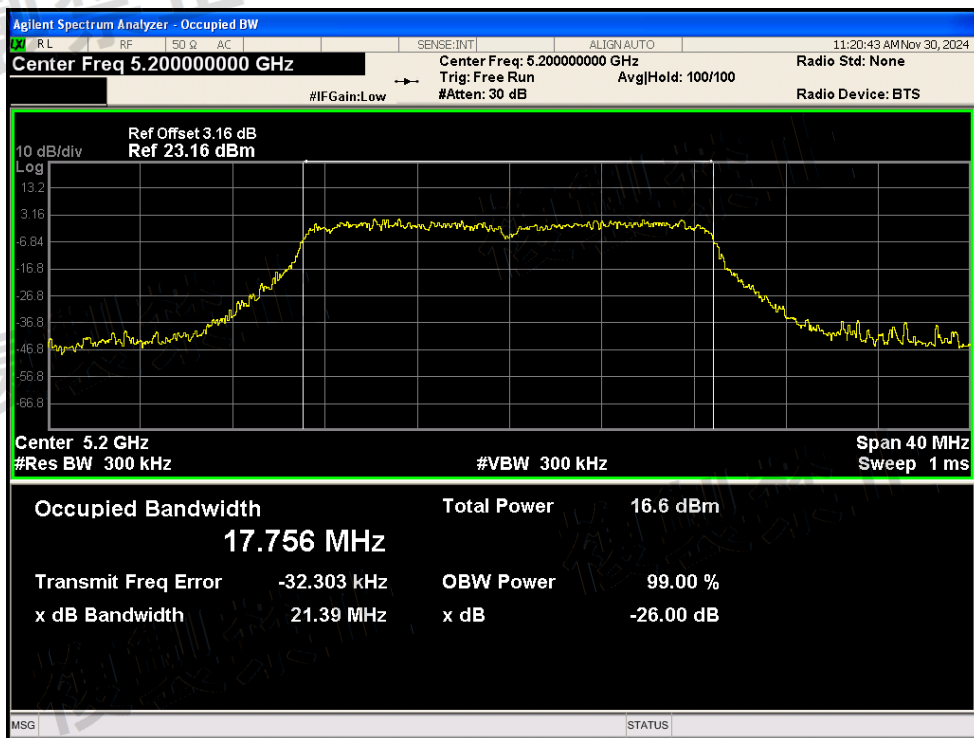
OBW NVNT a 5240MHz Ant1



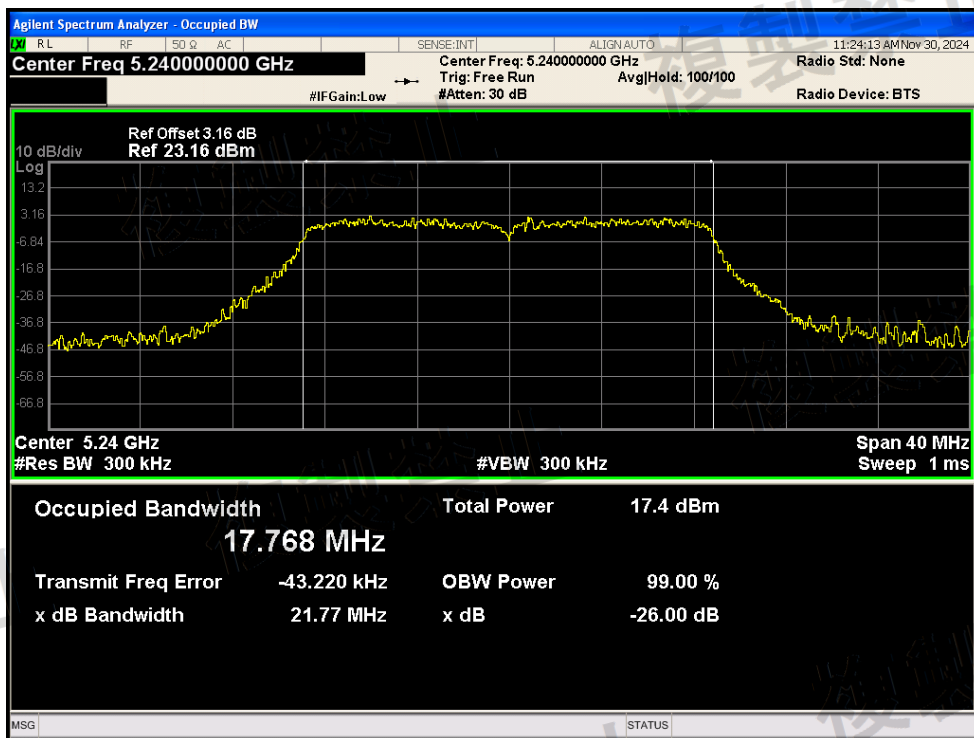
OBW NVNT ac20 5180MHz Ant1



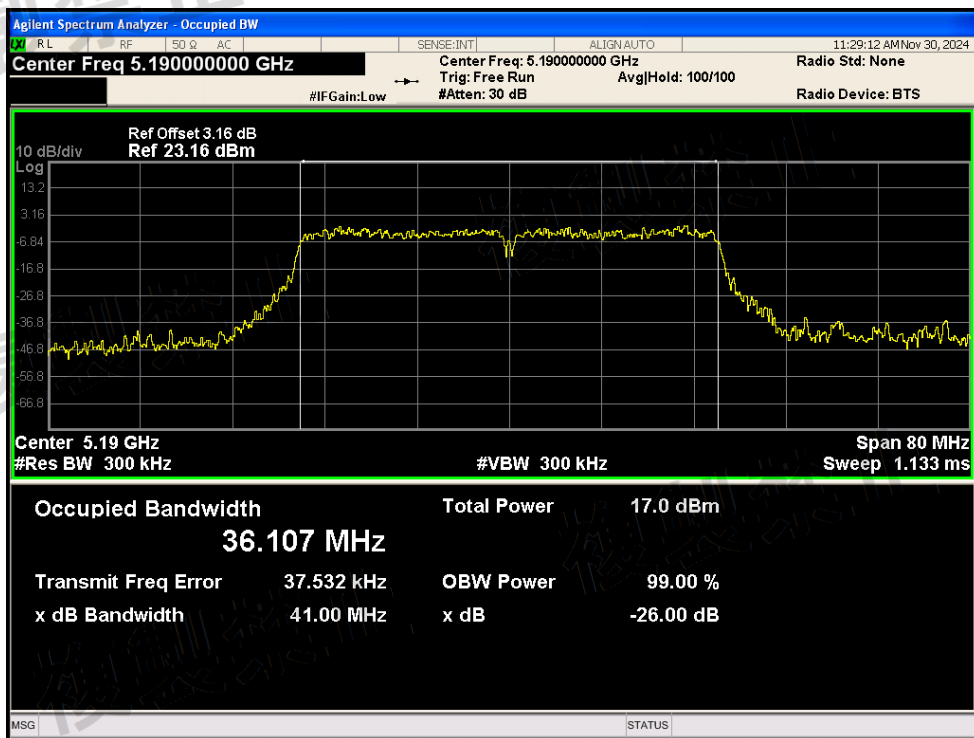
OBW NVNT ac20 5200MHz Ant1



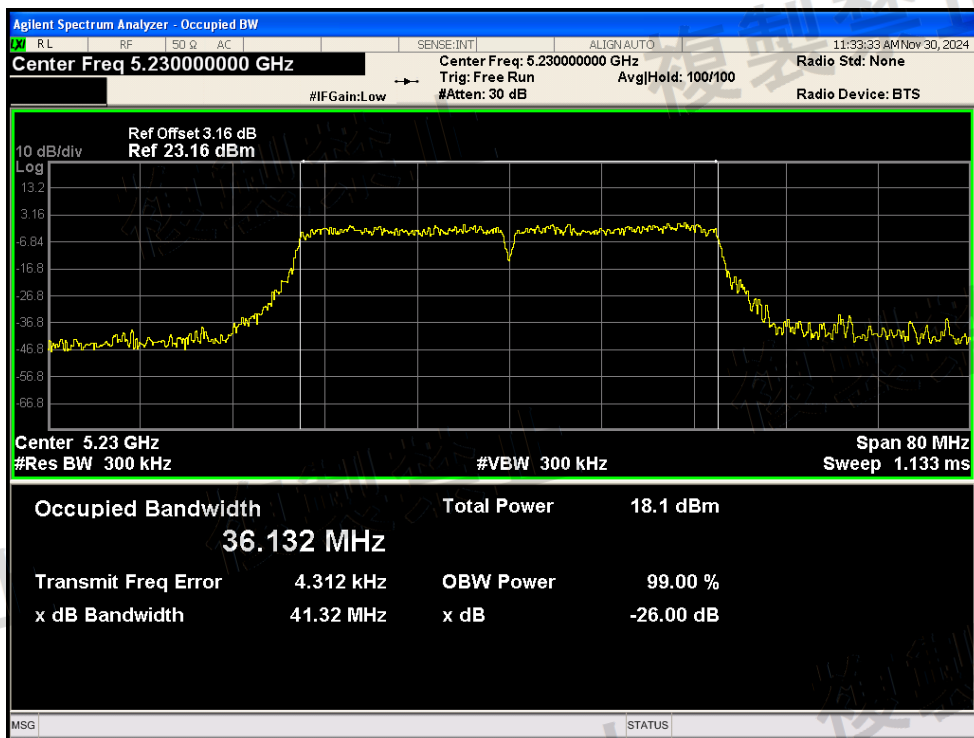
OBW NVNT ac20 5240MHz Ant1



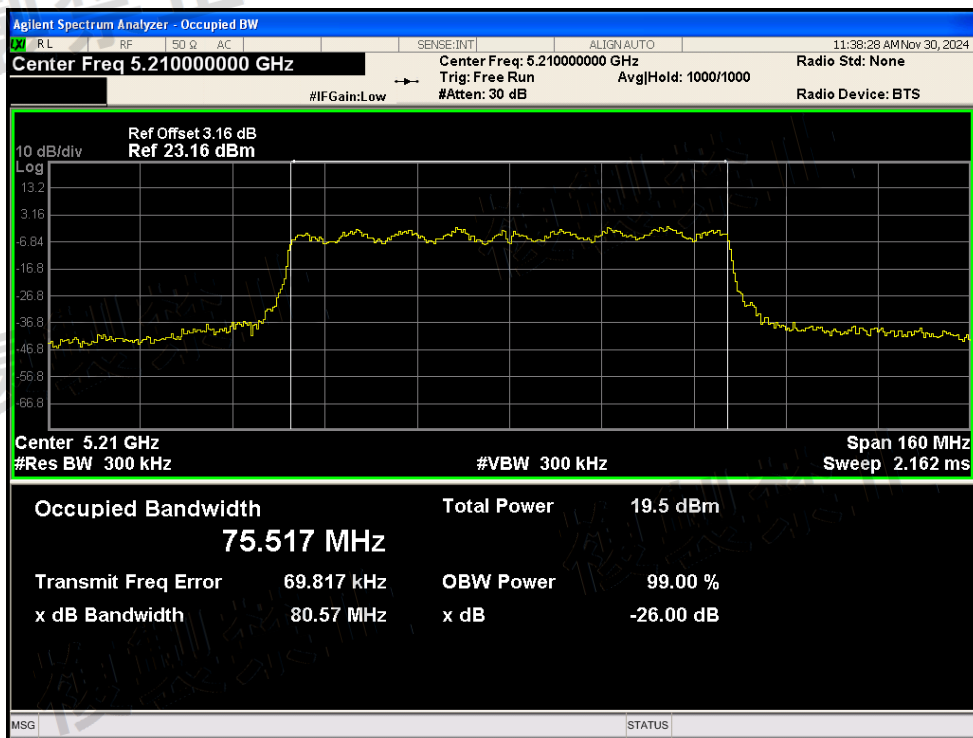
OBW NVNT ac40 5190MHz Ant1



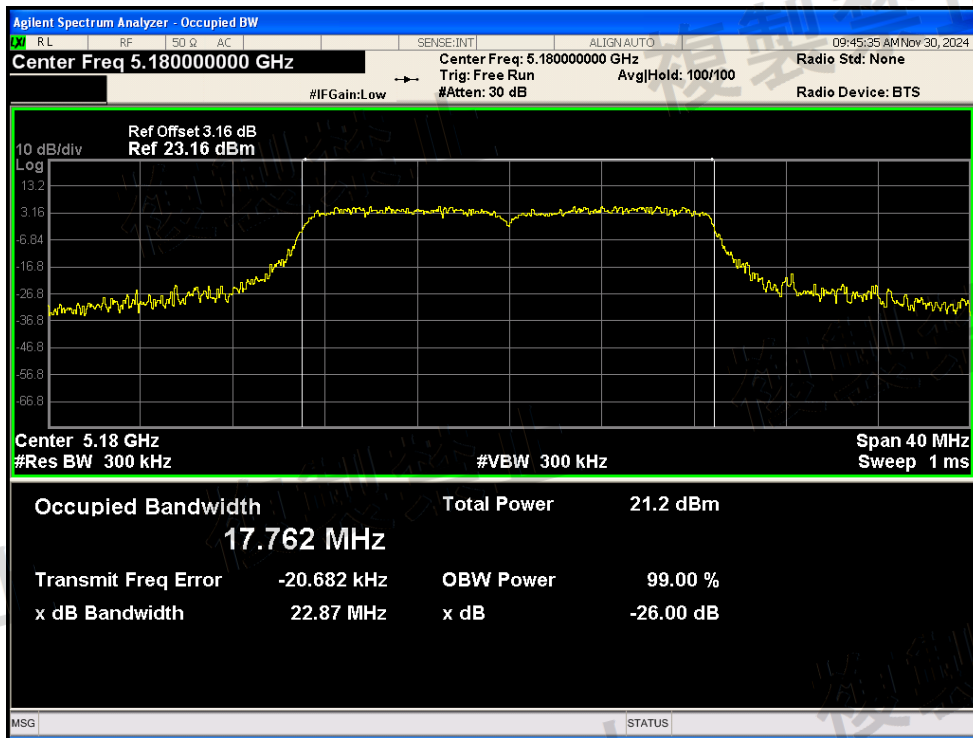
OBW NVNT ac40 5230MHz Ant1



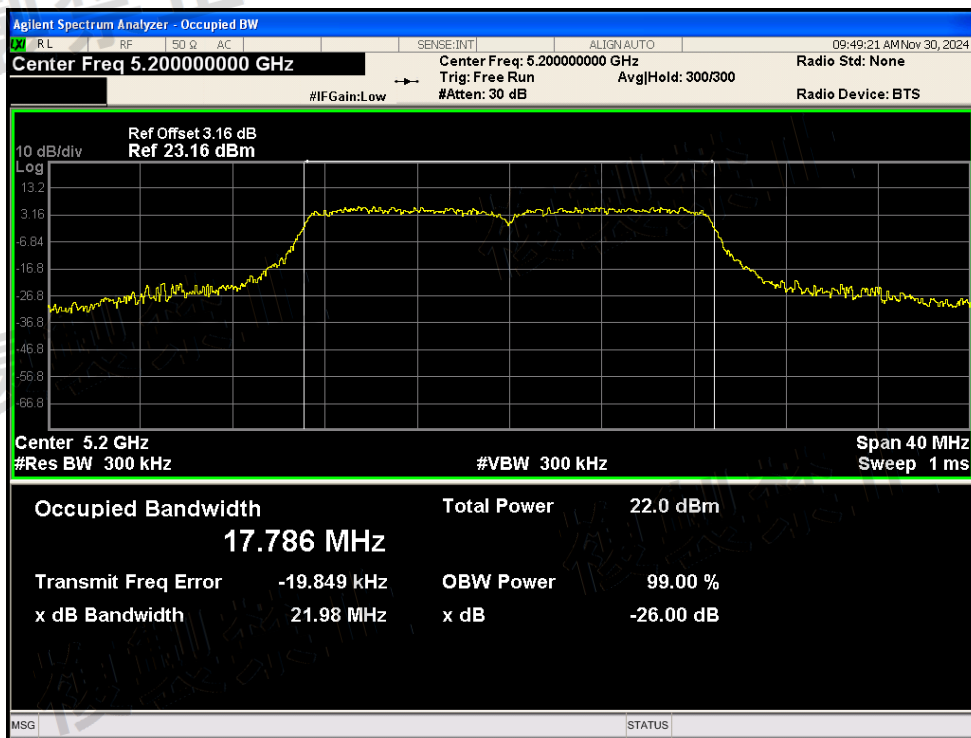
OBW NVNT ac80 5210MHz Ant1



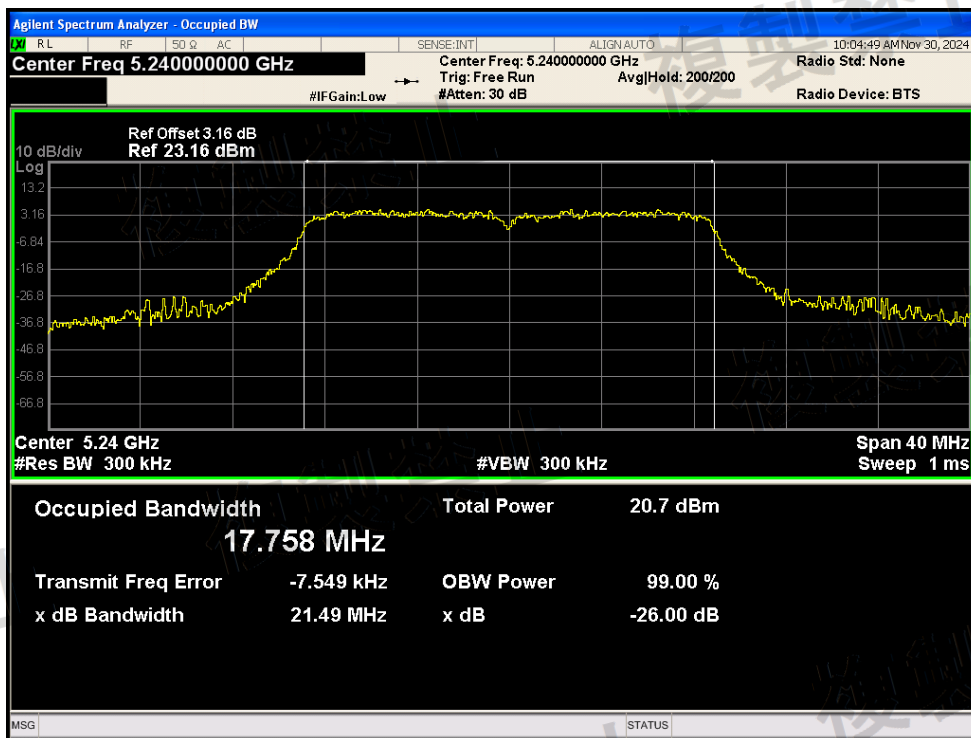
OBW NVNT n20 5180MHz Ant1



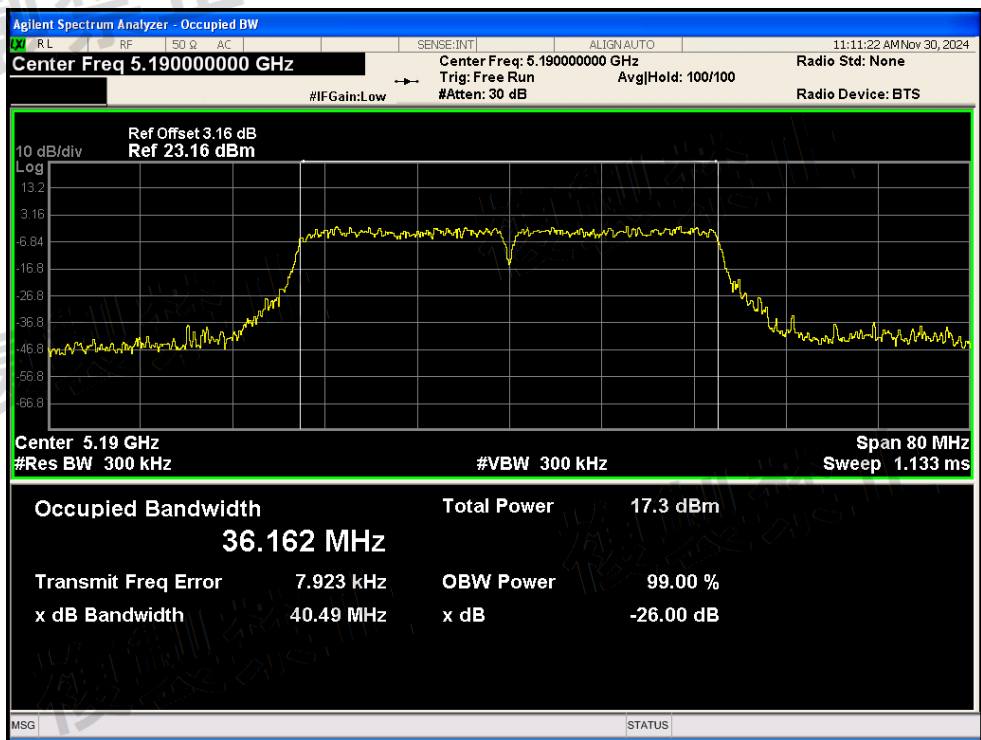
OBW NVNT n20 5200MHz Ant1



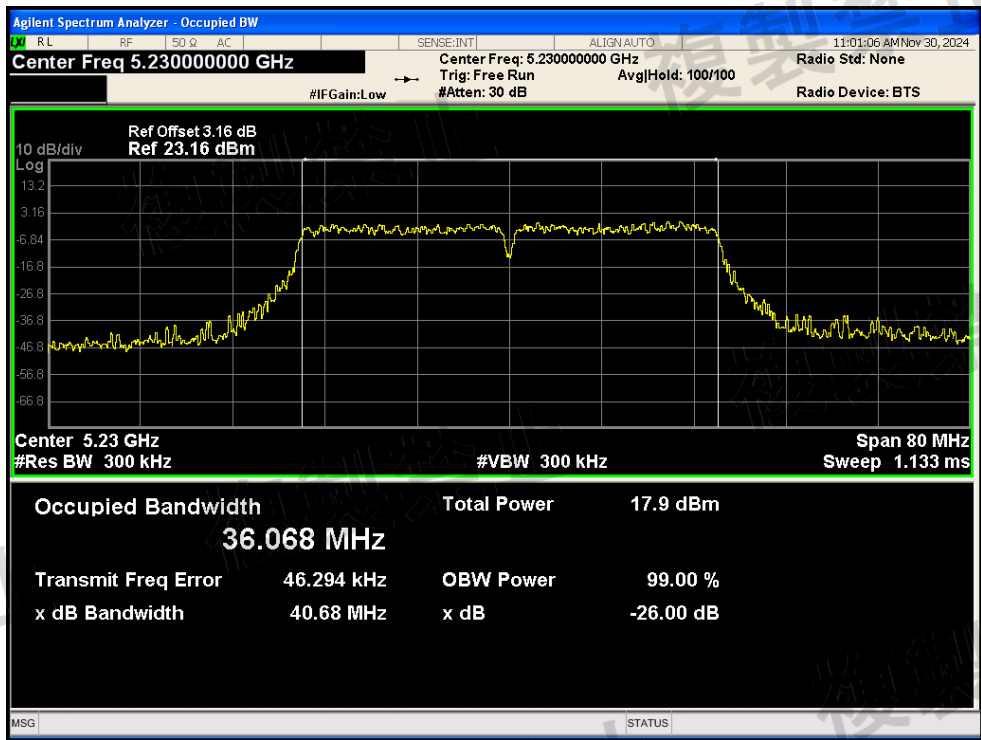
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1



Tx Spurious Emission

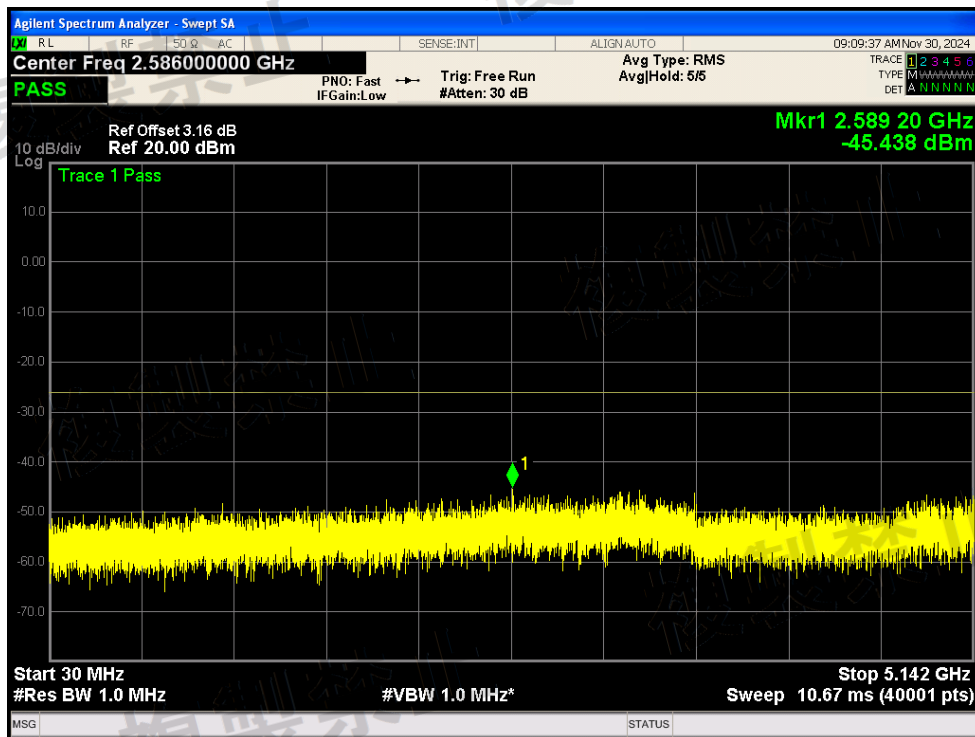
Note: This test has increased antenna gain .

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Max Value (uW)	Limit Start(uW)	Limit Stop (uW)	Verdict
NVNT	a	5180	Ant1	30-5142	2589.19	-45.44	0.0286	2.5	2.5	Pass
NVNT	a	5180	Ant1	5142-5150	5149.32	-34.44	0.3597	15	15	Pass
NVNT	a	5180	Ant1	5250-5251	5250.84	-45.26	0.0298	1000	100	Pass
NVNT	a	5180	Ant1	5251-5260	5256.18	-44.96	0.0319	100	15.85	Pass
NVNT	a	5180	Ant1	5260-5266.7	5264.22	-44.17	0.0383	15.85	2.49	Pass
NVNT	a	5180	Ant1	5266.7-26000	25586.89	-39.17	0.1211	2.5	2.5	Pass
NVNT	a	5200	Ant1	30-5142	2806.58	-44.76	0.0334	2.5	2.5	Pass
NVNT	a	5200	Ant1	5142-5150	5149.62	-45.97	0.0253	15	15	Pass
NVNT	a	5200	Ant1	5250-5251	5250.92	-43.34	0.0463	1000	100	Pass
NVNT	a	5200	Ant1	5251-5260	5252.23	-44.17	0.0383	100	15.85	Pass
NVNT	a	5200	Ant1	5260-5266.7	5263.14	-44.02	0.0396	15.85	2.49	Pass
NVNT	a	5200	Ant1	5266.7-26000	25242.2	-38.96	0.1271	2.5	2.5	Pass
NVNT	a	5240	Ant1	30-5142	2703.06	-44.73	0.0337	2.5	2.5	Pass
NVNT	a	5240	Ant1	5142-5150	5143.68	-45.66	0.0272	15	15	Pass
NVNT	a	5240	Ant1	5250-5251	5250.02	-3.83	413.9997	1000	100	Pass
NVNT	a	5240	Ant1	5251-5260	5251.02	-10.8	83.1764	100	15.85	Pass
NVNT	a	5240	Ant1	5260-5266.7	5260.26	-23.69	4.2756	15.85	2.49	Pass
NVNT	a	5240	Ant1	5266.7-26000	24853.97	-37.98	0.1592	2.5	2.5	Pass
NVNT	ac20	5180	Ant1	30-5142	5134.2	-52.16	0.0061	2.5	2.5	Pass
NVNT	ac20	5180	Ant1	5142-5150	5149.95	-41.75	0.0668	15	15	Pass
NVNT	ac20	5180	Ant1	5250-5251	5250.98	-48.69	0.0135	1000	100	Pass
NVNT	ac20	5180	Ant1	5251-5260	5256.6	-47.37	0.0183	100	15.85	Pass
NVNT	ac20	5180	Ant1	5260-5266.7	5260.23	-48.91	0.0129	15.85	2.49	Pass
NVNT	ac20	5180	Ant1	5266.7-26000	5268.25	-53.01	0.005	2.5	2.5	Pass
NVNT	ac20	5200	Ant1	30-5142	5127.94	-51.92	0.0064	2.5	2.5	Pass
NVNT	ac20	5200	Ant1	5142-5150	5149.16	-49.58	0.011	15	15	Pass
NVNT	ac20	5200	Ant1	5250-5251	5250.95	-47.54	0.0176	1000	100	Pass
NVNT	ac20	5200	Ant1	5251-5260	5255.03	-48.28	0.0149	100	15.85	Pass
NVNT	ac20	5200	Ant1	5260-5266.7	5261.28	-48.25	0.015	15.85	2.49	Pass
NVNT	ac20	5200	Ant1	5266.7-26000	5268.77	-52.36	0.0058	2.5	2.5	Pass
NVNT	ac20	5240	Ant1	30-5142	5136.38	-52.58	0.0055	2.5	2.5	Pass
NVNT	ac20	5240	Ant1	5142-5150	5142.25	-49.87	0.0103	15	15	Pass
NVNT	ac20	5240	Ant1	5250-5251	5250	-5.61	274.7894	1000	100	Pass
NVNT	ac20	5240	Ant1	5251-5260	5251.23	-15.1	30.903	100	15.85	Pass
NVNT	ac20	5240	Ant1	5260-5266.7	5262.47	-30.63	0.865	15.85	2.49	Pass

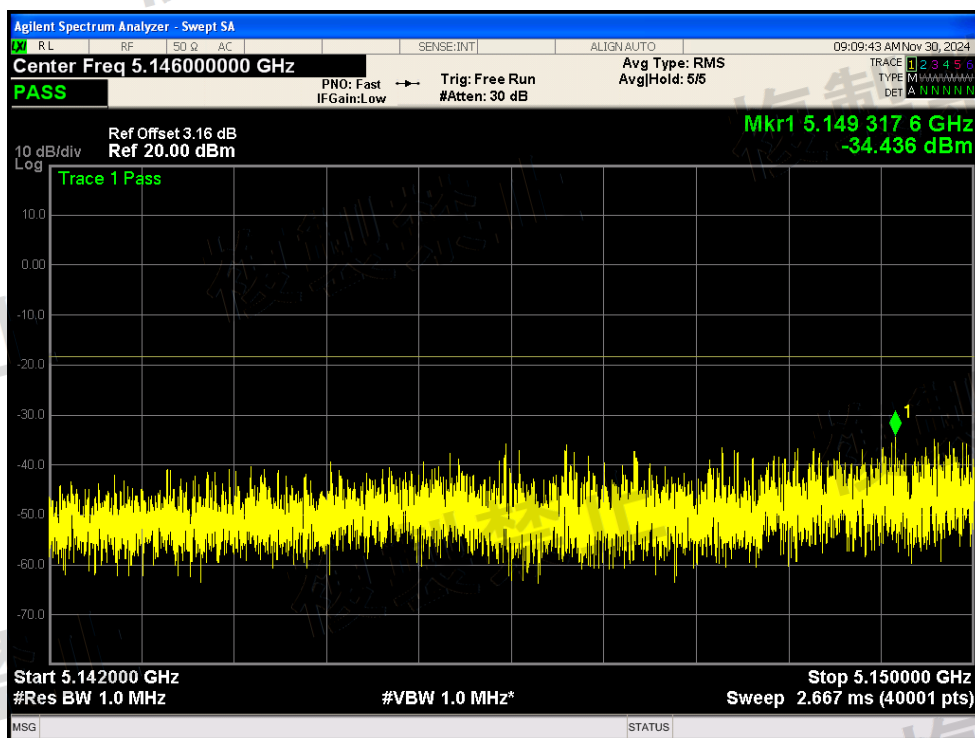
NVNT	ac20	5240	Ant1	5266.7-26000	5270.33	-45.67	0.0271	2.5	2.5	Pass
NVNT	ac40	5190	Ant1	30-5141.6	5138.02	-45.93	0.0255	2.5	2.5	Pass
NVNT	ac40	5190	Ant1	5141.6-5150	5147.82	-38.99	0.1262	15	15	Pass
NVNT	ac40	5190	Ant1	5250-5251	5250	-43.4	0.0457	500	50	Pass
NVNT	ac40	5190	Ant1	5251-5270	5256.12	-44.16	0.0384	50	7.92	Pass
NVNT	ac40	5190	Ant1	5270-5278.4	5276.92	-47.37	0.0183	7.92	2.48	Pass
NVNT	ac40	5190	Ant1	5278.4-26000	5315.18	-52.64	0.0054	2.5	2.5	Pass
NVNT	ac40	5230	Ant1	30-5141.6	2562.16	-44.73	0.0337	2.5	2.5	Pass
NVNT	ac40	5230	Ant1	5141.6-5150	5147	-46.15	0.0243	15	15	Pass
NVNT	ac40	5230	Ant1	5250-5251	5250.03	-10.11	97.499	500	50	Pass
NVNT	ac40	5230	Ant1	5251-5270	5251.14	-15.78	26.4241	50	7.92	Pass
NVNT	ac40	5230	Ant1	5270-5278.4	5270.07	-33.08	0.492	7.92	2.48	Pass
NVNT	ac40	5230	Ant1	5278.4-26000	24860.83	-38.13	0.1538	2.5	2.5	Pass
NVNT	ac80	5210	Ant1	30-5123.2	5122.95	-37.4	0.182	2.5	2.5	Pass
NVNT	ac80	5210	Ant1	5123.2-5150	5141.95	-35.37	0.2904	15	15	Pass
NVNT	ac80	5210	Ant1	5250-5251	5250.03	-15.61	27.4789	250	25	Pass
NVNT	ac80	5210	Ant1	5251-5290	5251.68	-22.24	5.9704	25	3.96	Pass
NVNT	ac80	5210	Ant1	5290-5296.7	5296.27	-32.09	0.618	3.96	2.49	Pass
NVNT	ac80	5210	Ant1	5296.7-26000	24941.03	-38.71	0.1346	2.5	2.5	Pass
NVNT	n20	5180	Ant1	30-5142	5138.8	-45.65	0.0272	2.5	2.5	Pass
NVNT	n20	5180	Ant1	5142-5150	5142.85	-31.95	0.6383	15	15	Pass
NVNT	n20	5180	Ant1	5250-5251	5250.99	-47.3	0.0186	1000	100	Pass
NVNT	n20	5180	Ant1	5251-5260	5256.98	-46.76	0.0211	100	15.85	Pass
NVNT	n20	5180	Ant1	5260-5266.7	5264.81	-47.19	0.0191	15.85	2.49	Pass
NVNT	n20	5180	Ant1	5266.7-26000	24996.51	-48.33	0.0147	2.5	2.5	Pass
NVNT	n20	5200	Ant1	30-5142	5113.76	-50.39	0.0091	2.5	2.5	Pass
NVNT	n20	5200	Ant1	5142-5150	5147.21	-44.07	0.0392	15	15	Pass
NVNT	n20	5200	Ant1	5250-5251	5250.51	-44.48	0.0356	1000	100	Pass
NVNT	n20	5200	Ant1	5251-5260	5251.56	-42.93	0.0509	100	15.85	Pass
NVNT	n20	5200	Ant1	5260-5266.7	5260.14	-44.56	0.035	15.85	2.49	Pass
NVNT	n20	5200	Ant1	5266.7-26000	25315.8	-48.8	0.0132	2.5	2.5	Pass
NVNT	n20	5240	Ant1	30-5142	3268.96	-44.2	0.038	2.5	2.5	Pass
NVNT	n20	5240	Ant1	5142-5150	5145.26	-46.33	0.0233	15	15	Pass
NVNT	n20	5240	Ant1	5250-5251	5250.02	-2.99	502.3426	1000	100	Pass
NVNT	n20	5240	Ant1	5251-5260	5251.08	-10.81	82.9851	100	15.85	Pass
NVNT	n20	5240	Ant1	5260-5266.7	5260.61	-23.41	4.5604	15.85	2.49	Pass
NVNT	n20	5240	Ant1	5266.7-26000	25634.06	-37.95	0.1603	2.5	2.5	Pass
NVNT	n40	5190	Ant1	30-5141.6	5131.89	-46.78	0.021	2.5	2.5	Pass
NVNT	n40	5190	Ant1	5141.6-5150	5149.49	-36.09	0.246	15	15	Pass
NVNT	n40	5190	Ant1	5250-5251	5250.05	-43.35	0.0462	500	50	Pass
NVNT	n40	5190	Ant1	5251-5270	5254.62	-42.33	0.0585	50	7.92	Pass
NVNT	n40	5190	Ant1	5270-5278.4	5273.45	-47.44	0.018	7.92	2.48	Pass
NVNT	n40	5190	Ant1	5278.4-26000	5278.92	-52.62	0.0055	2.5	2.5	Pass
NVNT	n40	5230	Ant1	30-5141.6	3338.87	-44.03	0.0395	2.5	2.5	Pass

NVNT	n40	5230	Ant1	5141.6-5150	5145.99	-46.4	0.0229	15	15	Pass
NVNT	n40	5230	Ant1	5250-5251	5250.02	-9.67	107.8947	500	50	Pass
NVNT	n40	5230	Ant1	5251-5270	5251.08	-14.33	36.8978	50	7.92	Pass
NVNT	n40	5230	Ant1	5270-5278.4	5270.72	-33.72	0.4246	7.92	2.48	Pass
NVNT	n40	5230	Ant1	5278.4-26000	25214.13	-38.05	0.1567	2.5	2.5	Pass

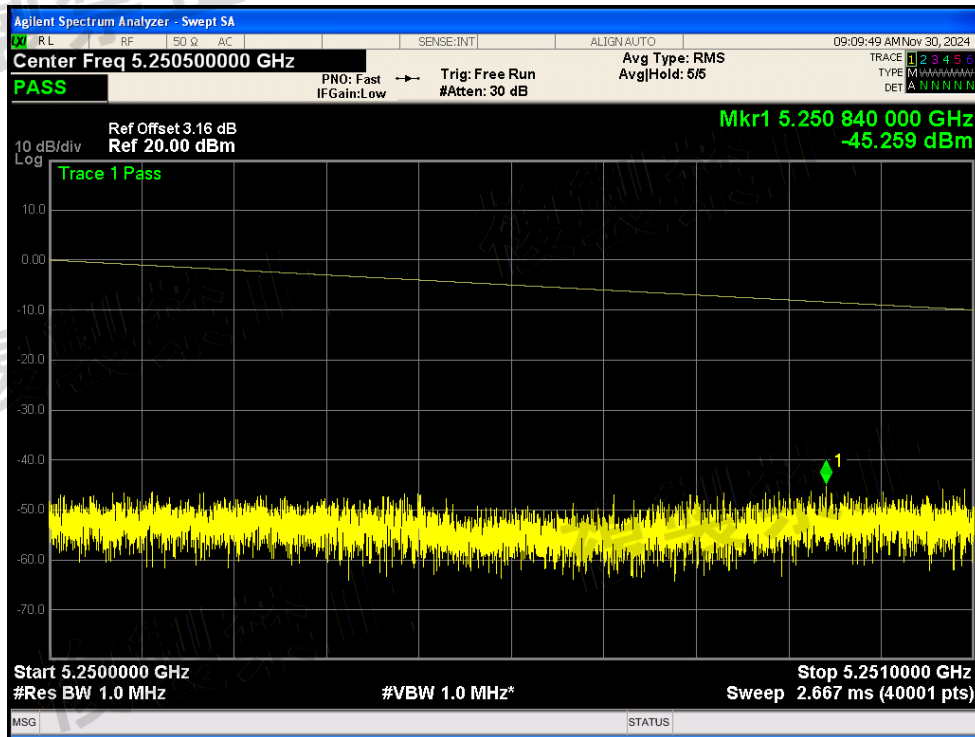
Tx. Spurious NVNT a 5180MHz Ant1 @ 30MHz-5142MHz



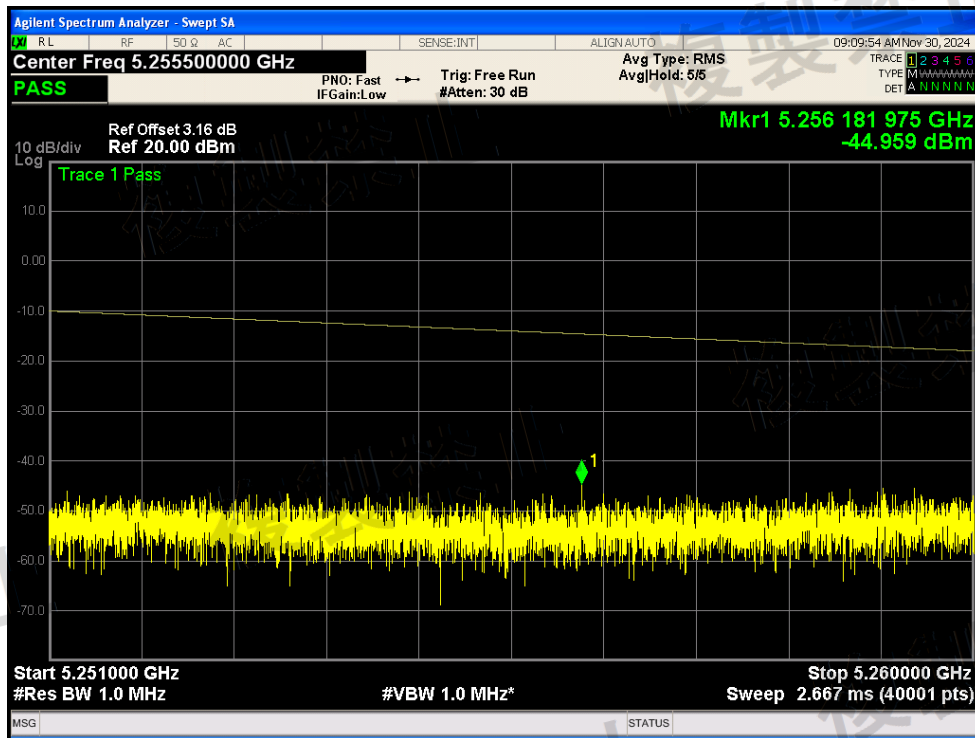
Tx. Spurious NVNT a 5180MHz Ant1 @ 5142MHz-5150MHz



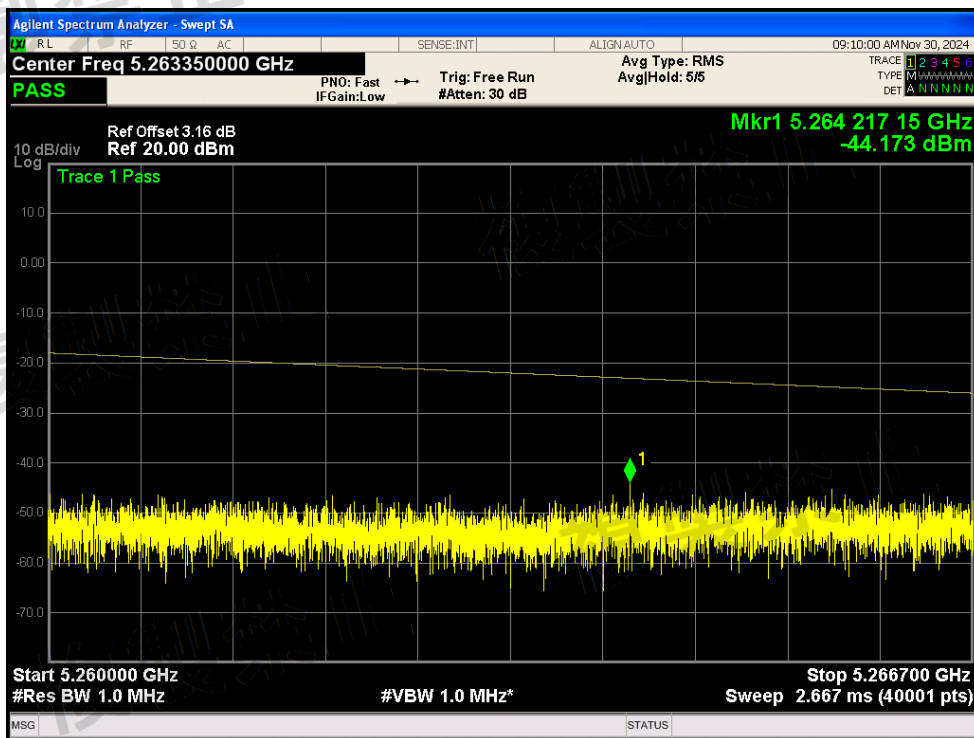
Tx. Spurious NVNT a 5180MHz Ant1 @ 5250MHz-5251MHz



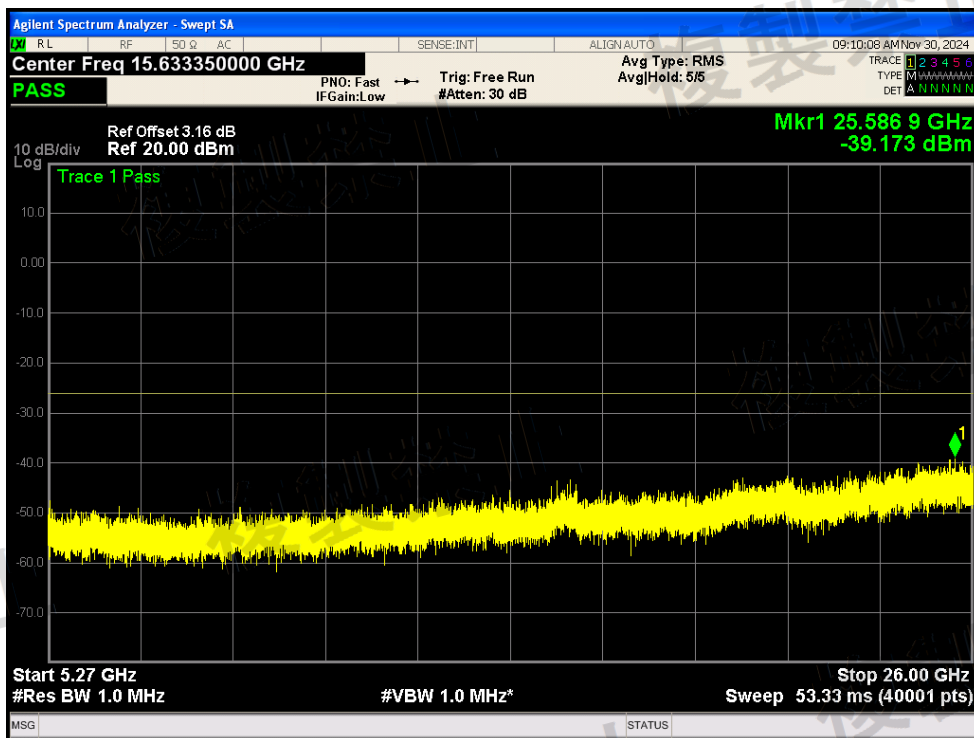
Tx. Spurious NVNT a 5180MHz Ant1 @ 5251MHz-5260MHz



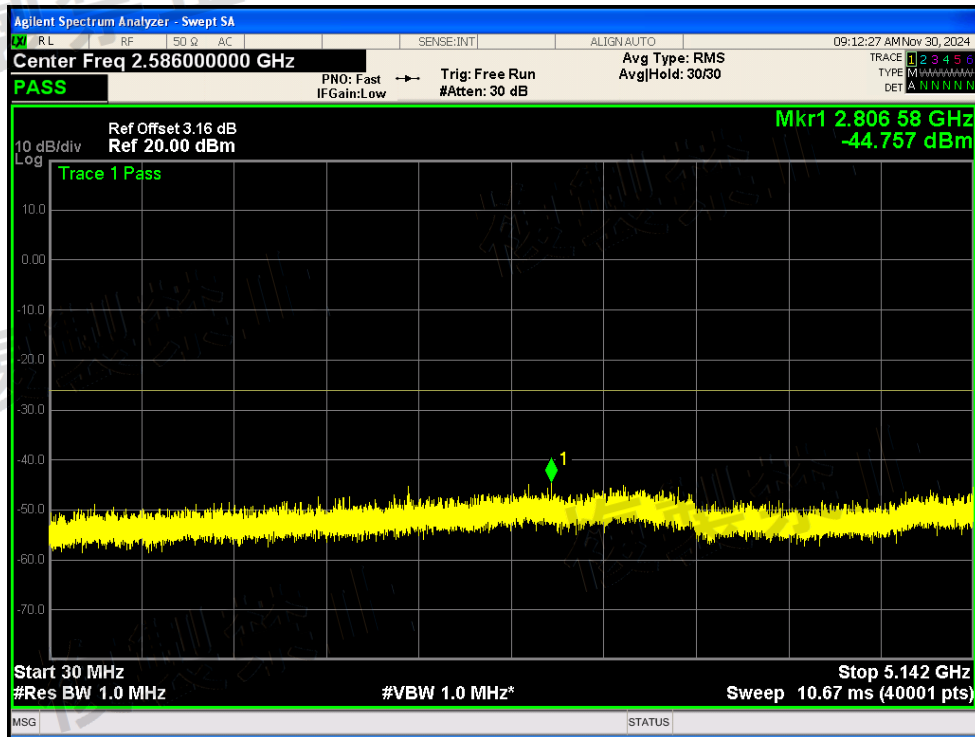
Tx. Spurious NVNT a 5180MHz Ant1 @ 5260MHz-5266.7MHz



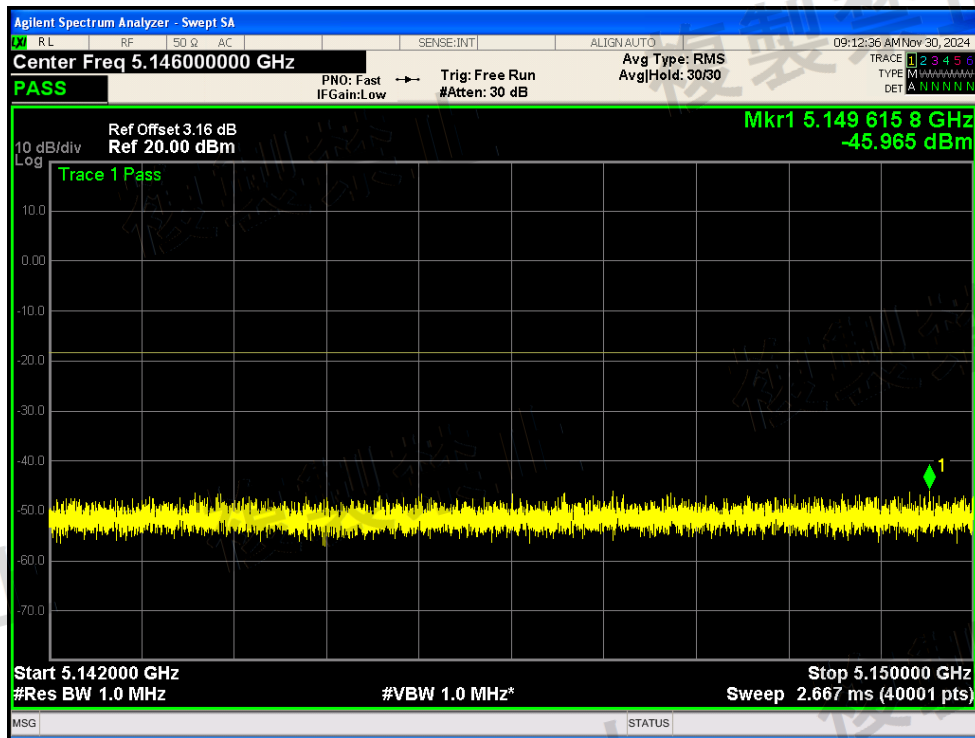
Tx. Spurious NVNT a 5180MHz Ant1 @ 5266.7MHz-26000MHz



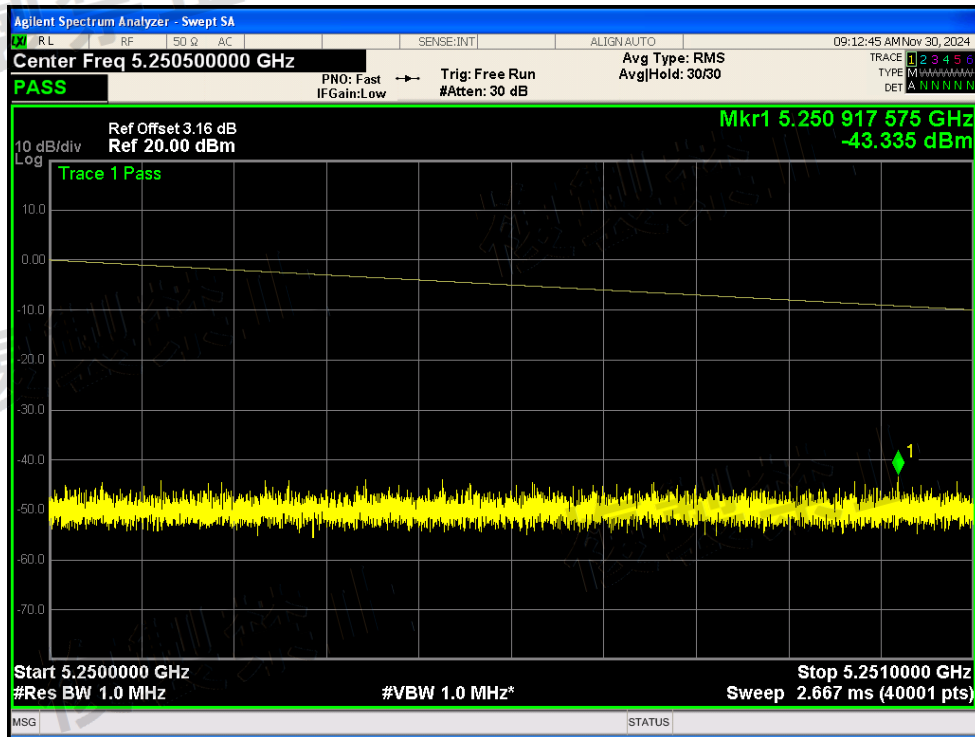
Tx. Spurious NVNT a 5200MHz Ant1 @ 30MHz-5142MHz



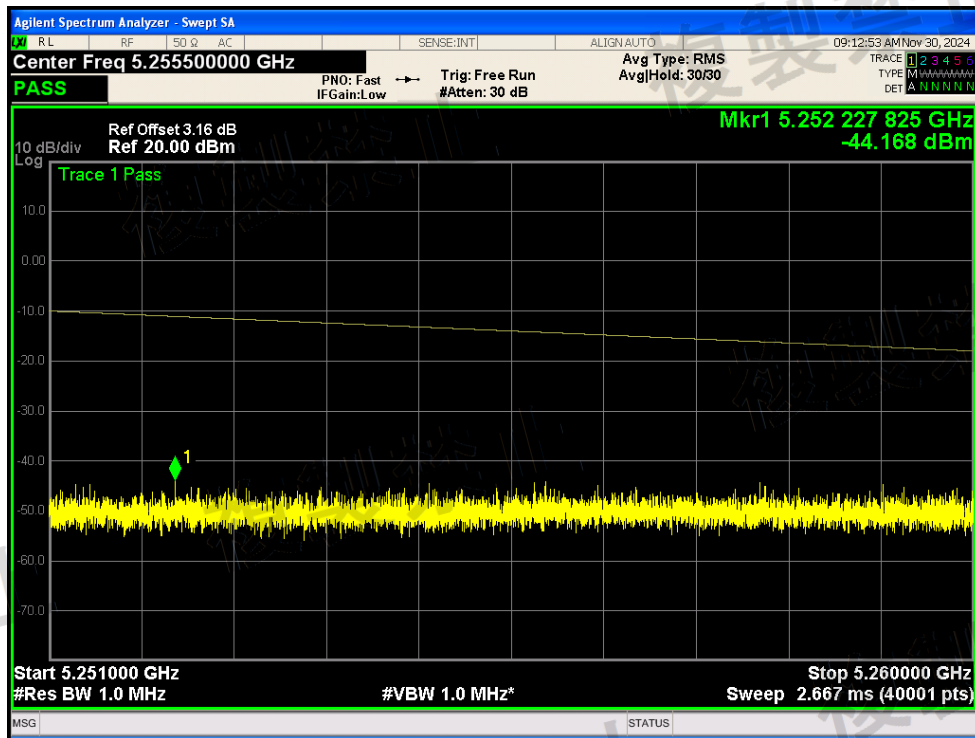
Tx. Spurious NVNT a 5200MHz Ant1 @ 5142MHz-5150MHz



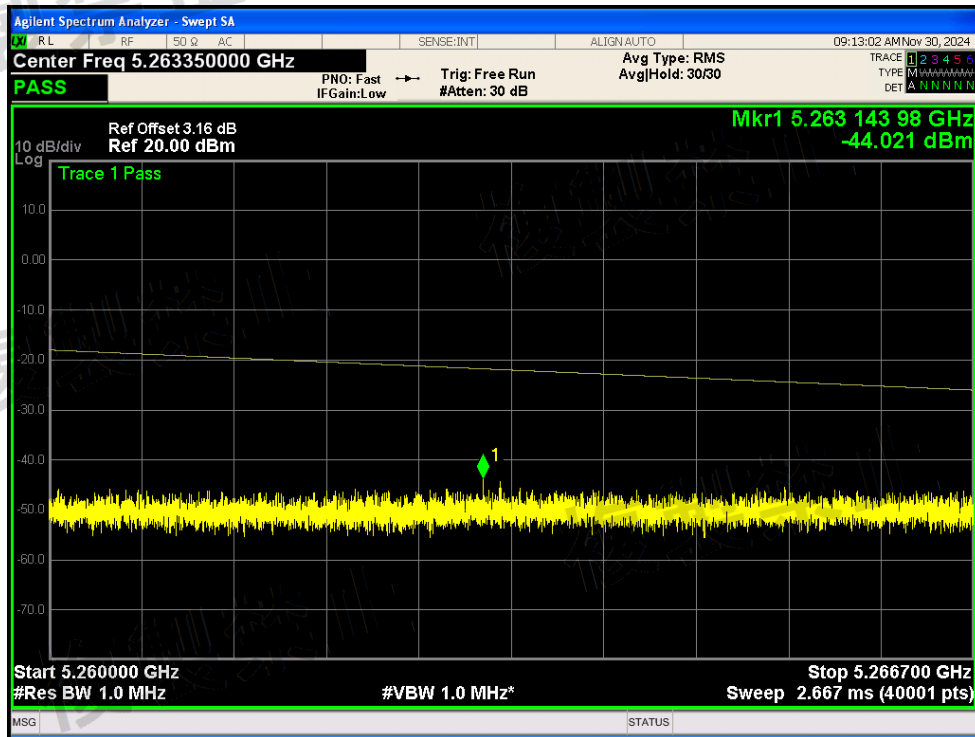
Tx. Spurious NVNT a 5200MHz Ant1 @ 5250MHz-5251MHz



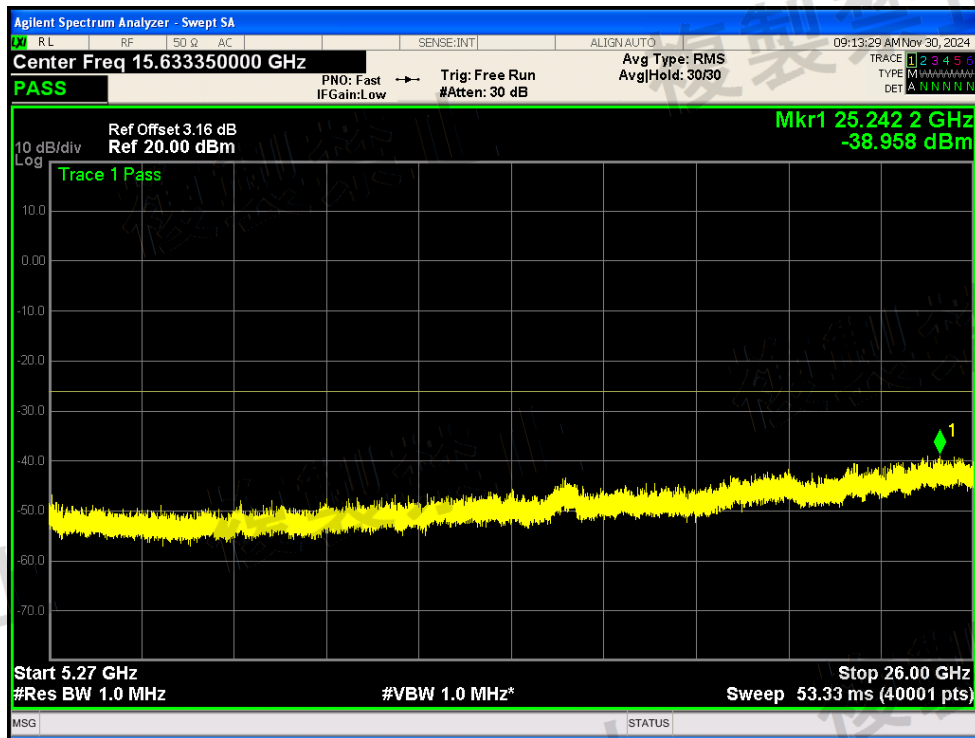
Tx. Spurious NVNT a 5200MHz Ant1 @ 5251MHz-5260MHz



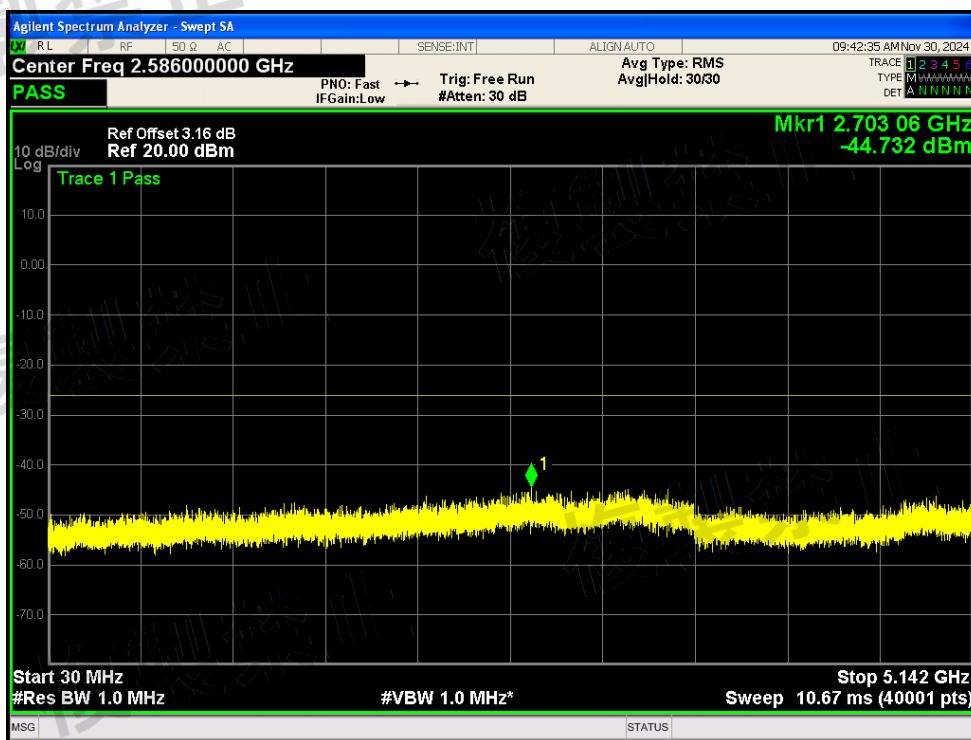
Tx. Spurious NVNT a 5200MHz Ant1 @ 5260MHz-5266.7MHz



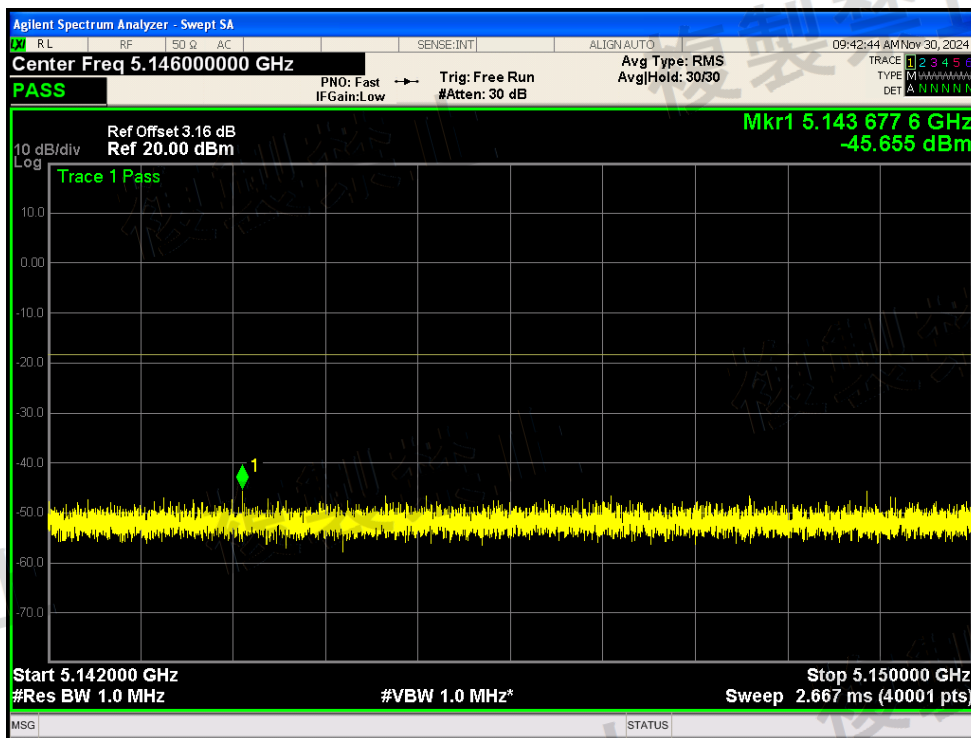
Tx. Spurious NVNT a 5200MHz Ant1 @ 5266.7MHz-26000MHz



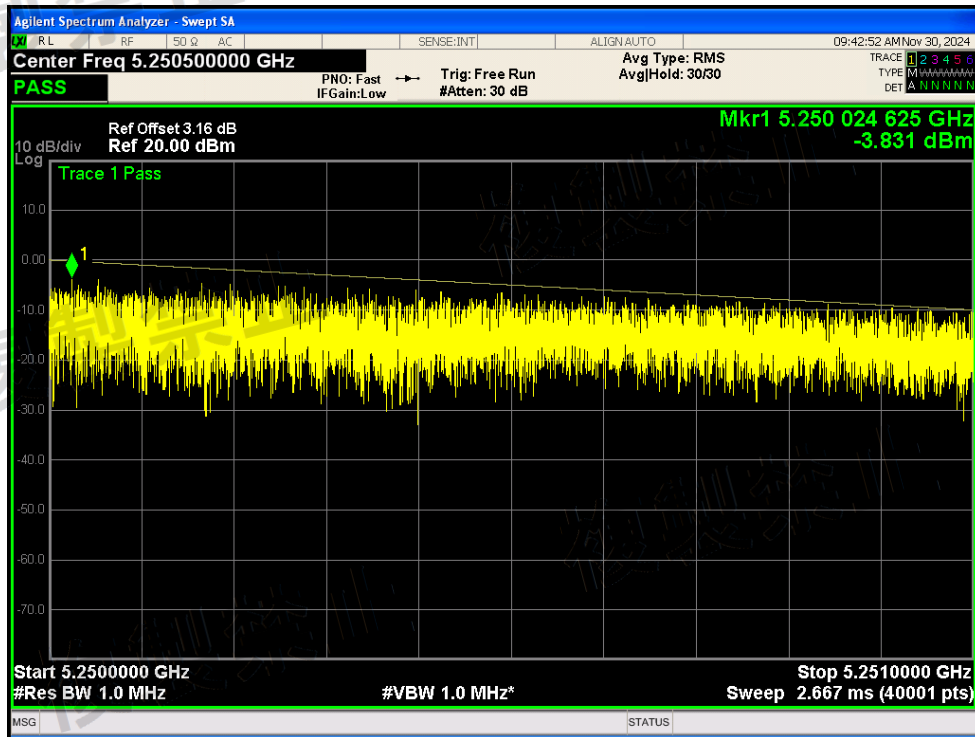
Tx. Spurious NVNT a 5240MHz Ant1 @ 30MHz-5142MHz



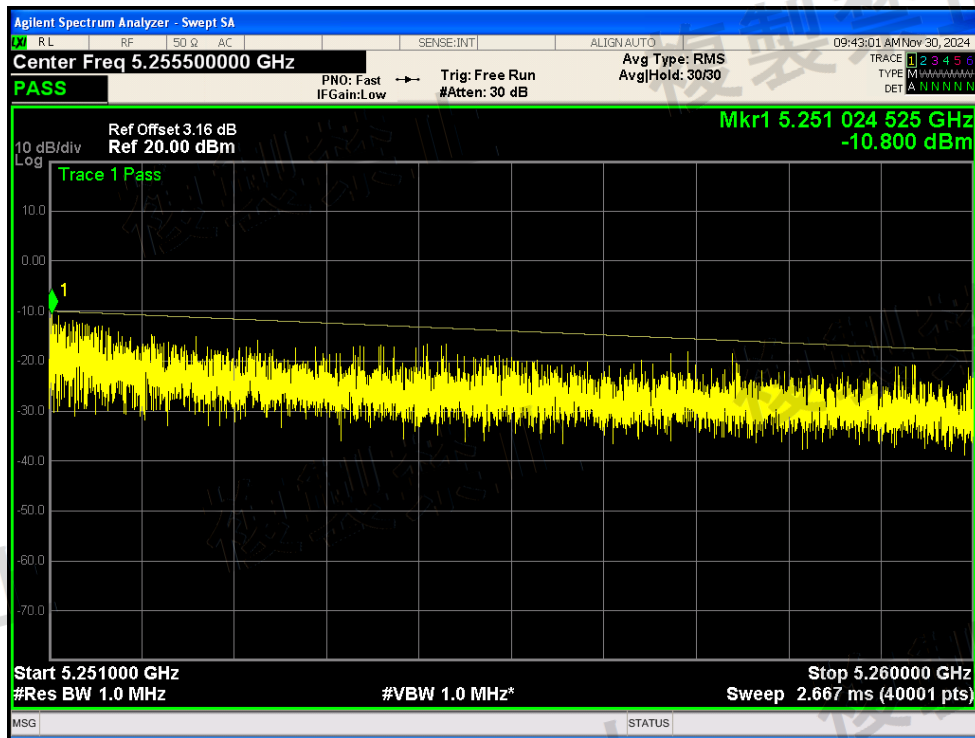
Tx. Spurious NVNT a 5240MHz Ant1 @ 5142MHz-5150MHz



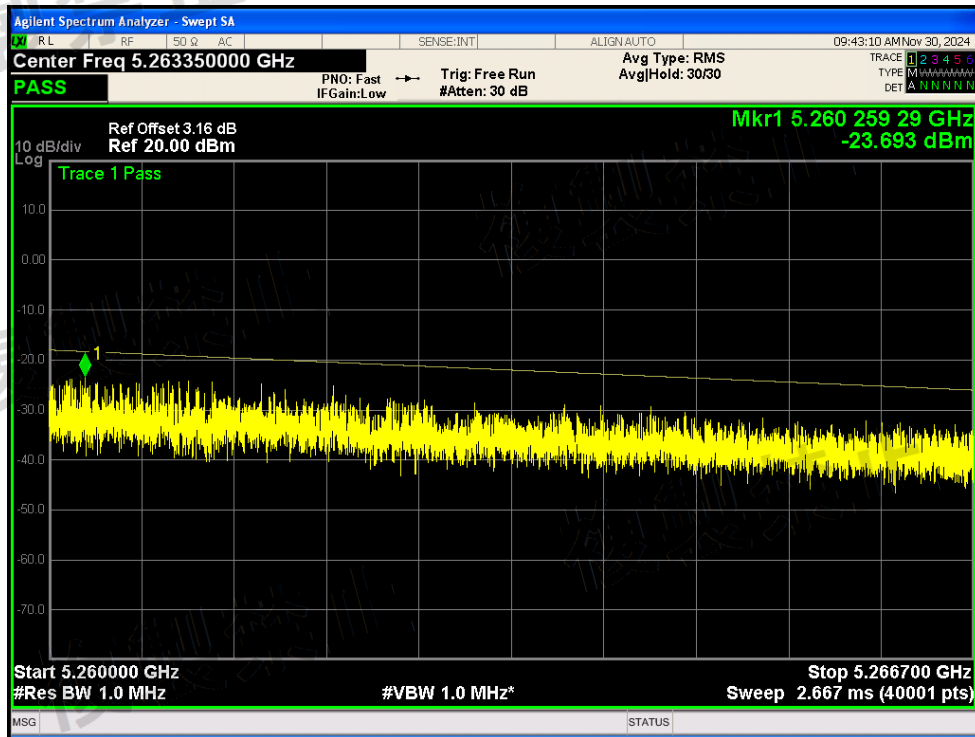
Tx. Spurious NVNT a 5240MHz Ant1 @ 5250MHz-5251MHz



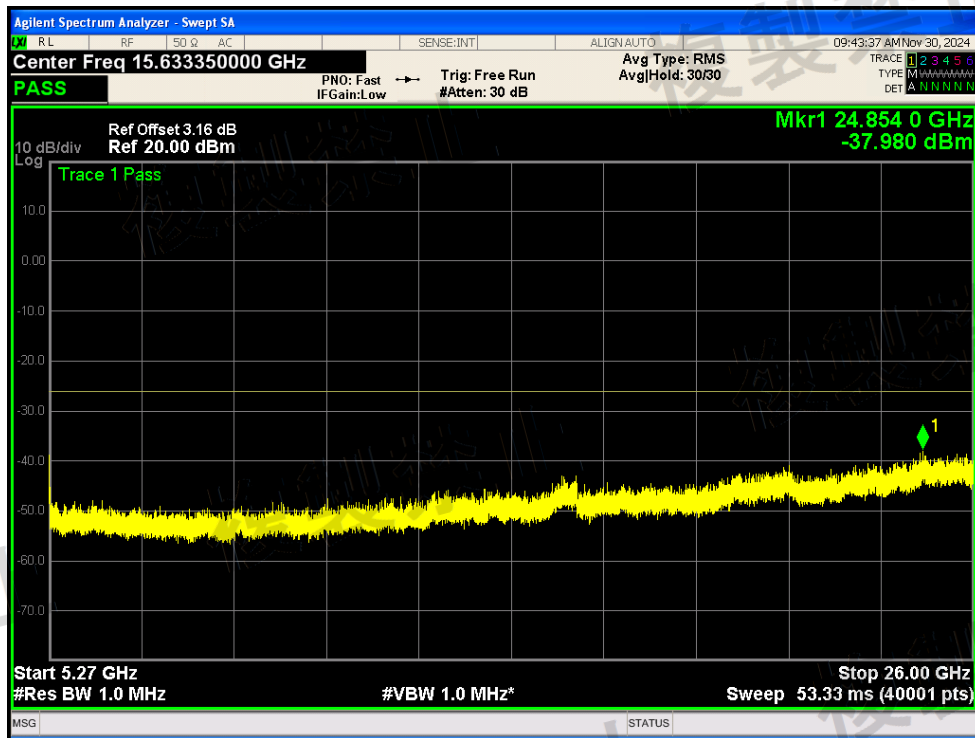
Tx. Spurious NVNT a 5240MHz Ant1 @ 5251MHz-5260MHz



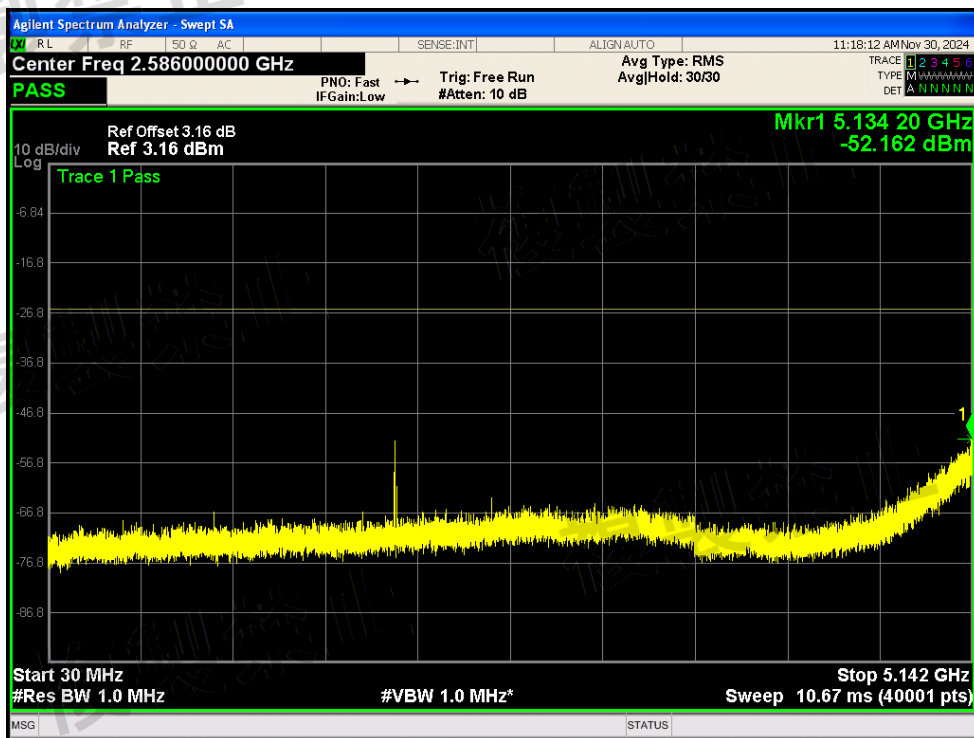
Tx. Spurious NVNT a 5240MHz Ant1 @ 5260MHz-5266.7MHz



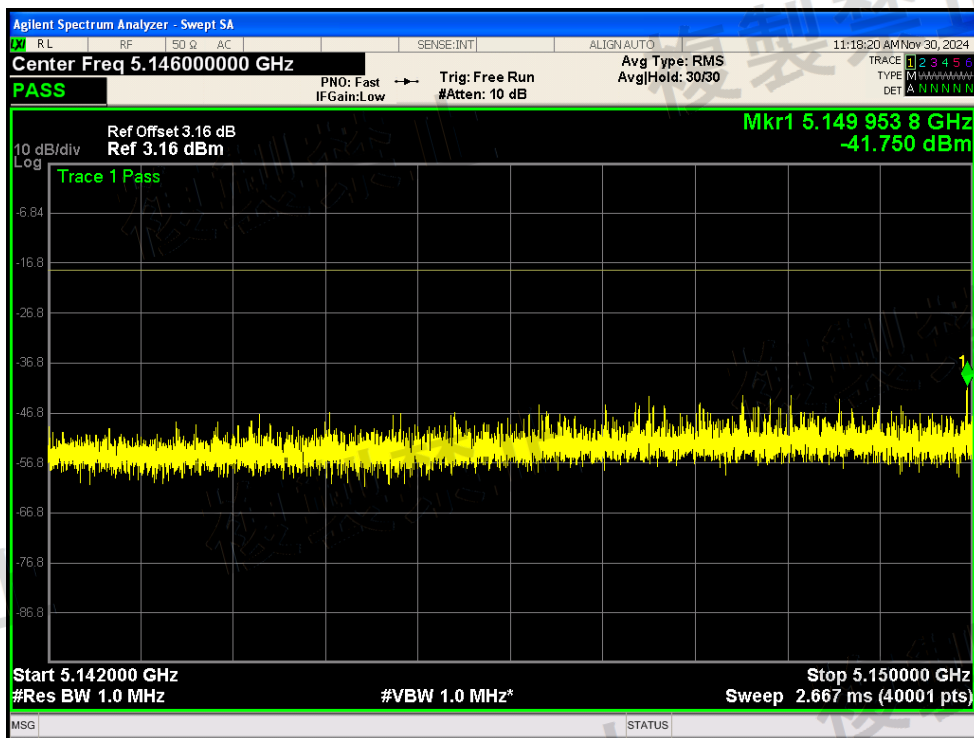
Tx. Spurious NVNT a 5240MHz Ant1 @ 5266.7MHz-26000MHz



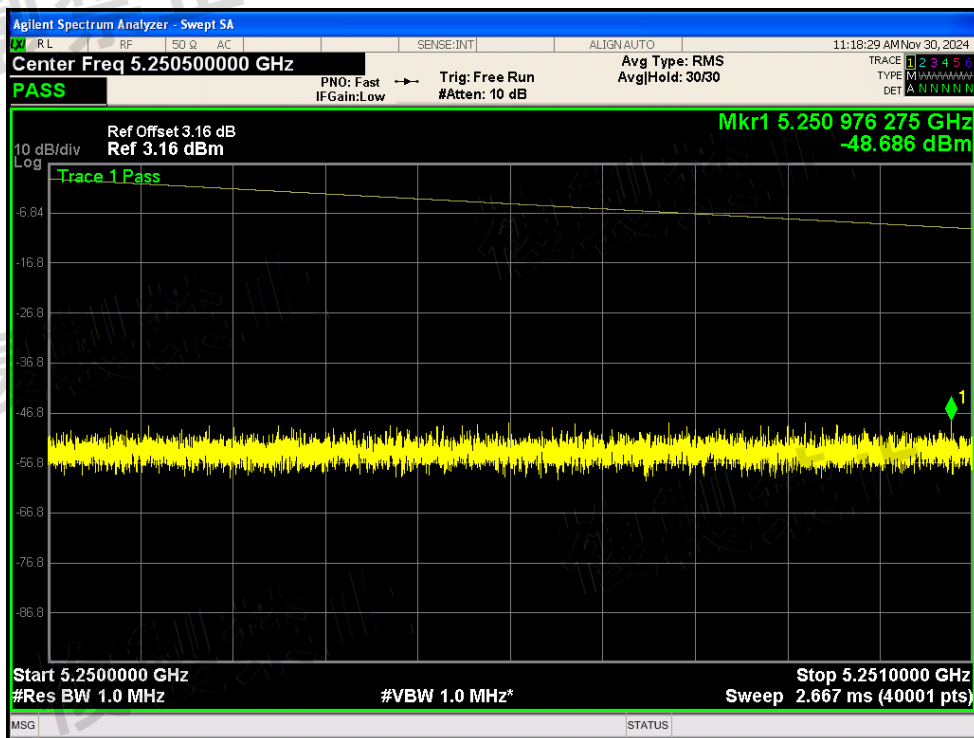
Tx. Spurious NVNT ac20 5180MHz Ant1 @ 30MHz-5142MHz



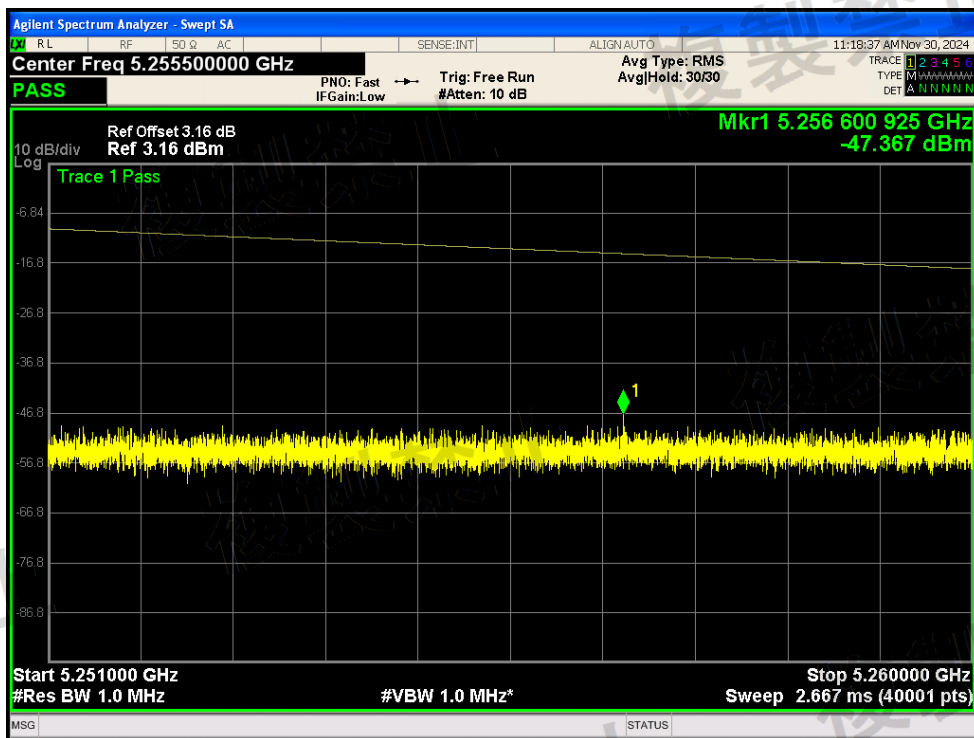
Tx. Spurious NVNT ac20 5180MHz Ant1 @ 5142MHz-5150MHz



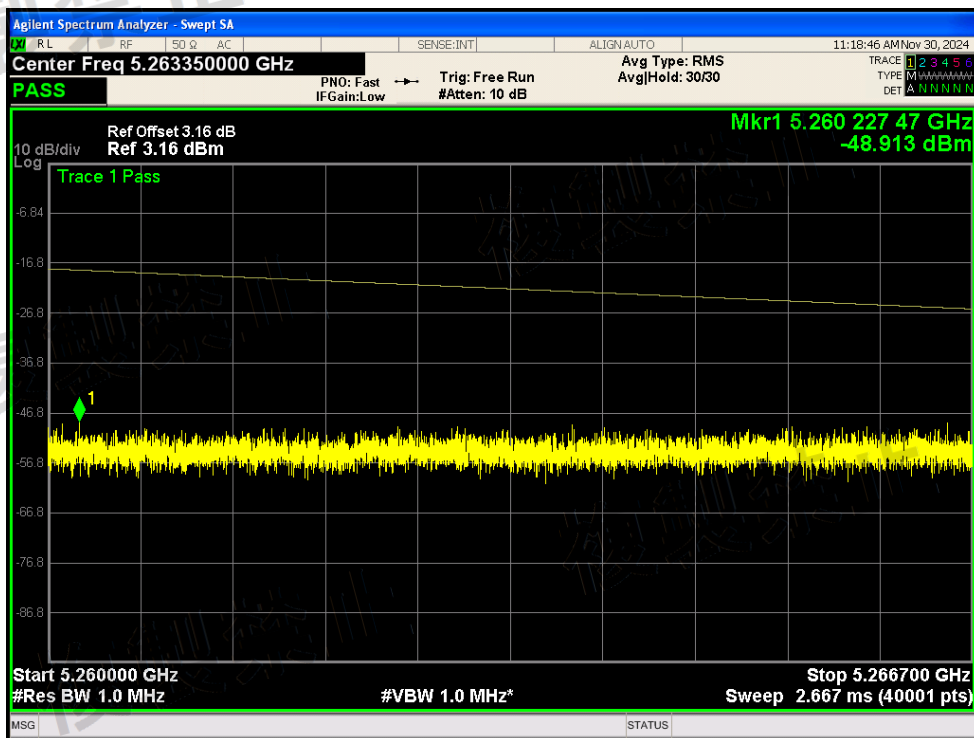
Tx. Spurious NVNT ac20 5180MHz Ant1 @ 5250MHz-5251MHz



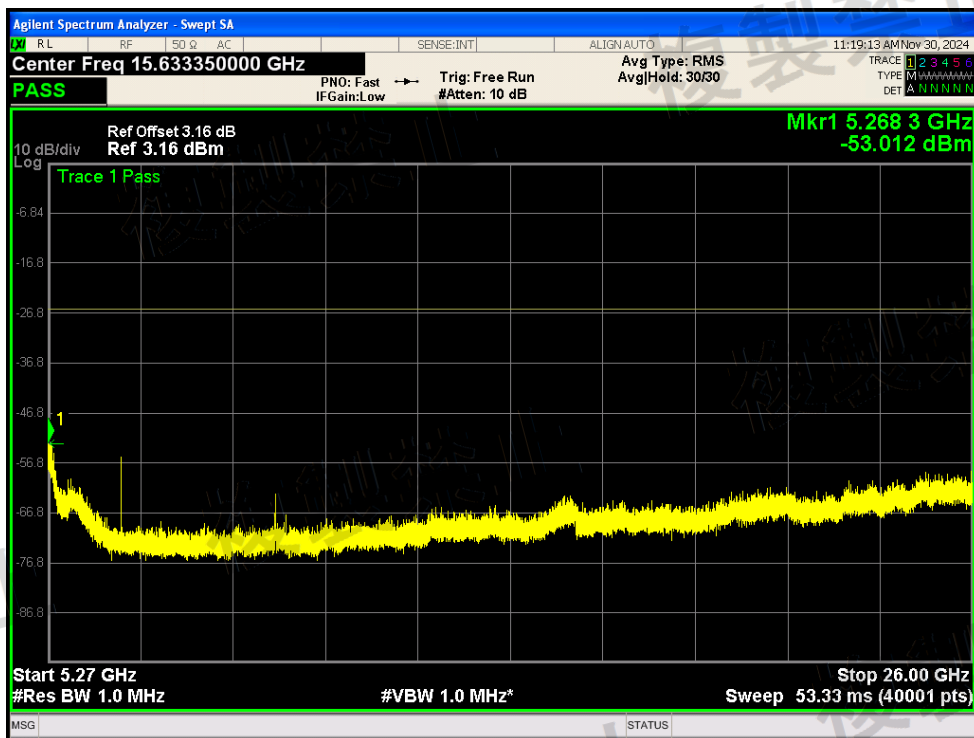
Tx. Spurious NVNT ac20 5180MHz Ant1 @ 5251MHz-5260MHz



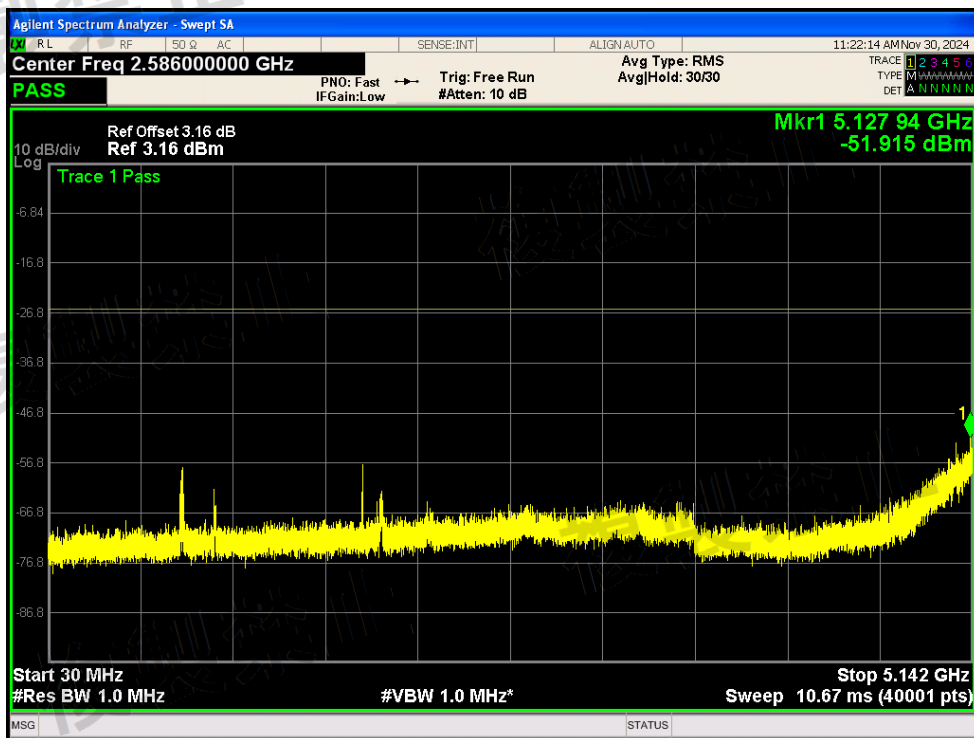
Tx. Spurious NVNT ac20 5180MHz Ant1 @ 5260MHz-5266.7MHz



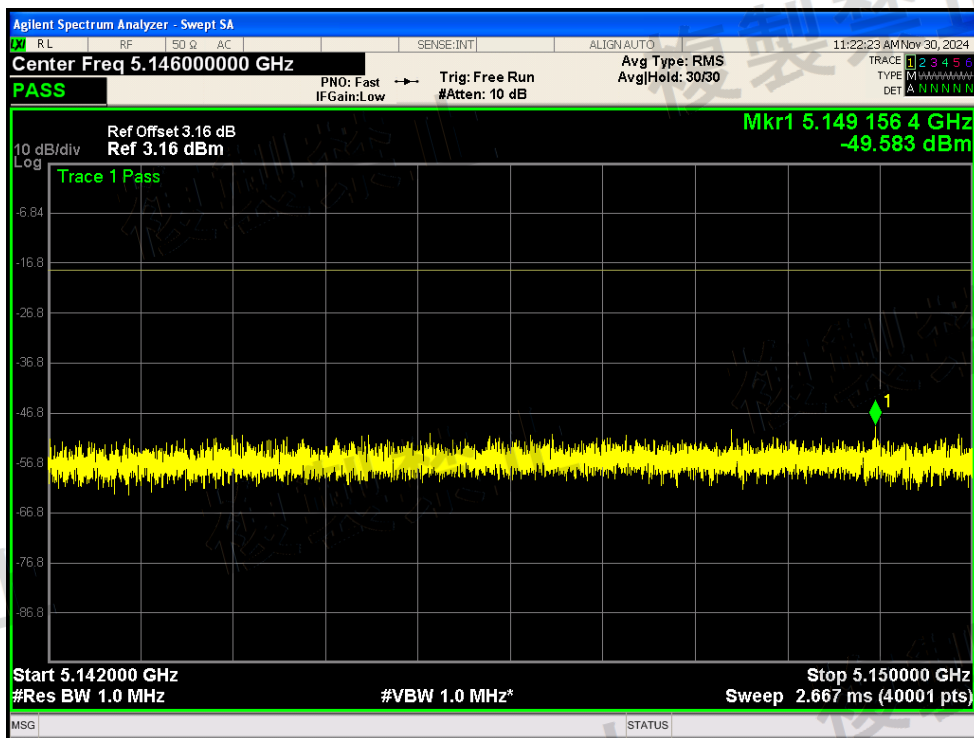
Tx. Spurious NVNT ac20 5180MHz Ant1 @ 5266.7MHz-26000MHz



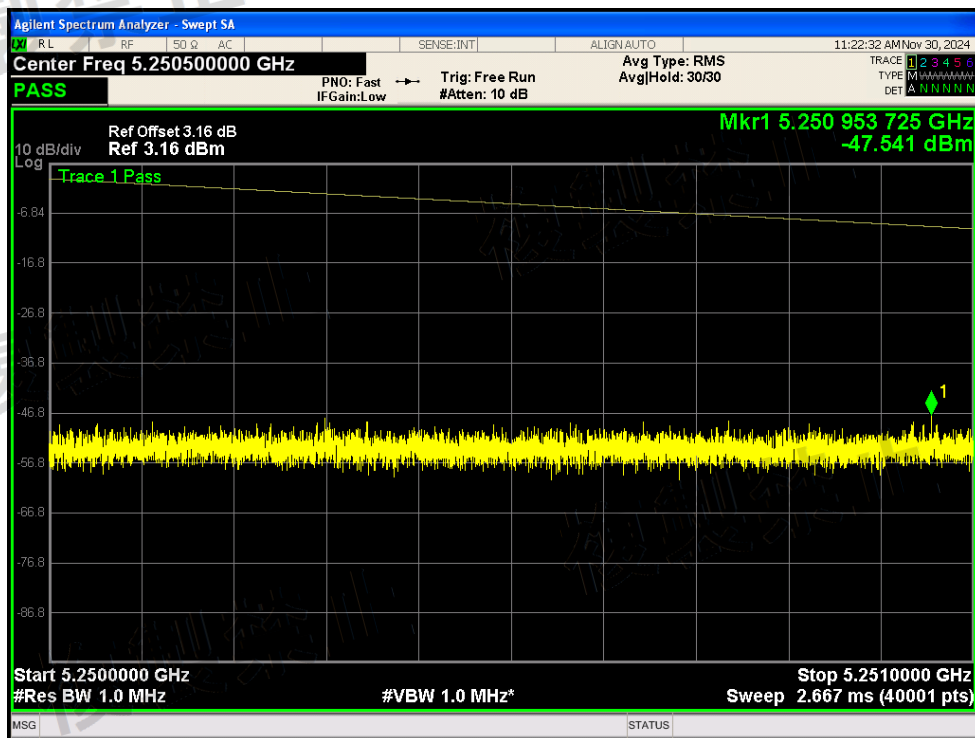
Tx. Spurious NVNT ac20 5200MHz Ant1 @ 30MHz-5142MHz



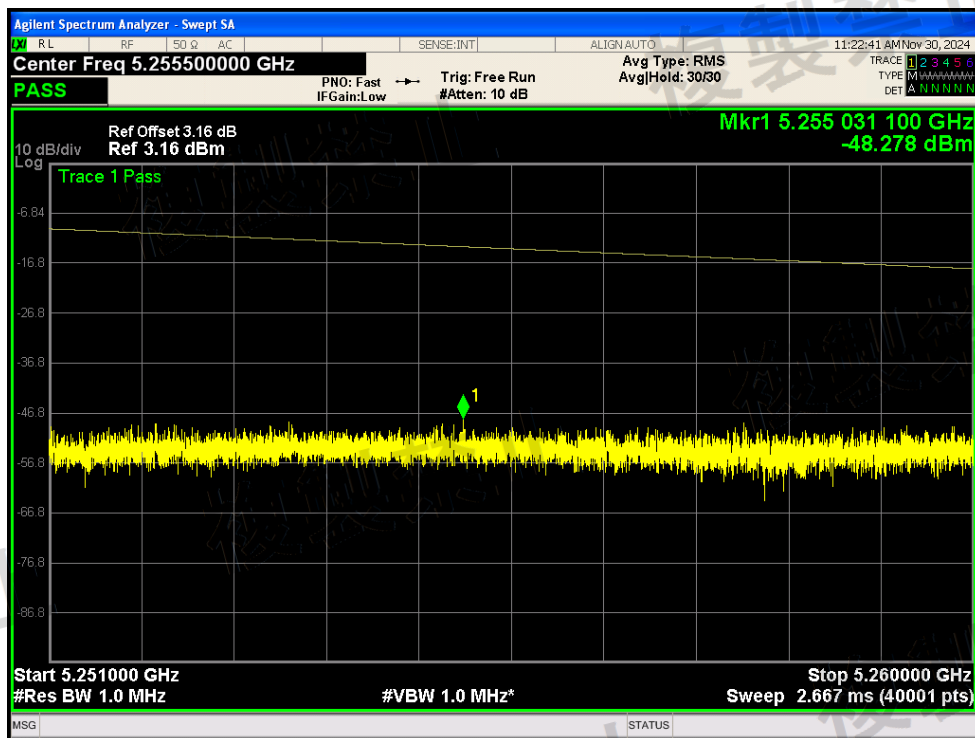
Tx. Spurious NVNT ac20 5200MHz Ant1 @ 5142MHz-5150MHz



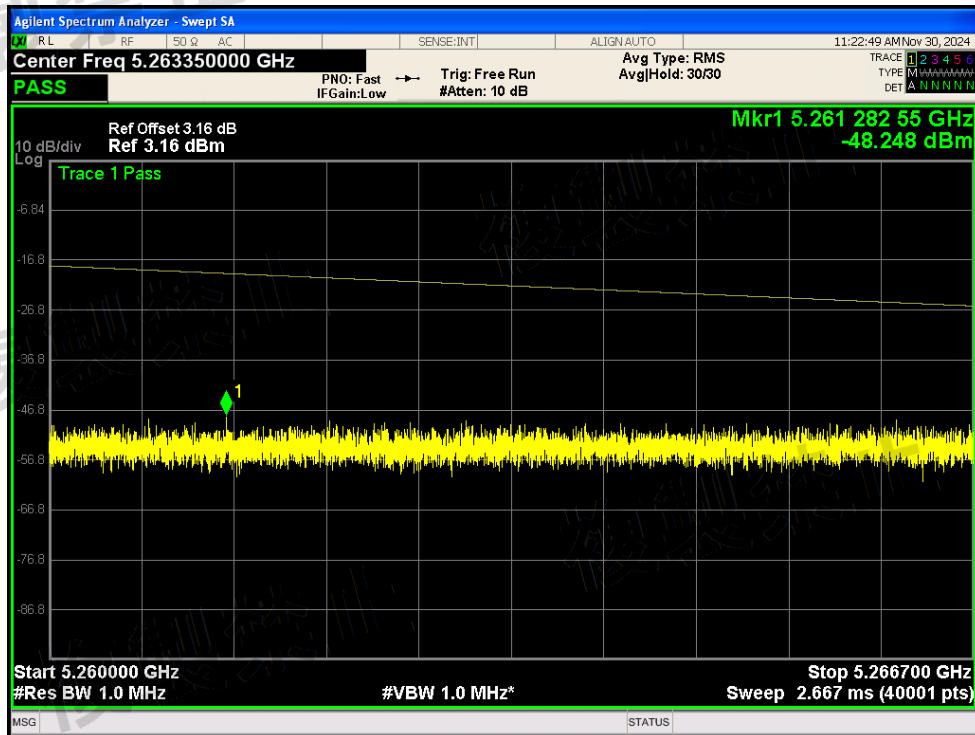
Tx. Spurious NVNT ac20 5200MHz Ant1 @ 5250MHz-5251MHz



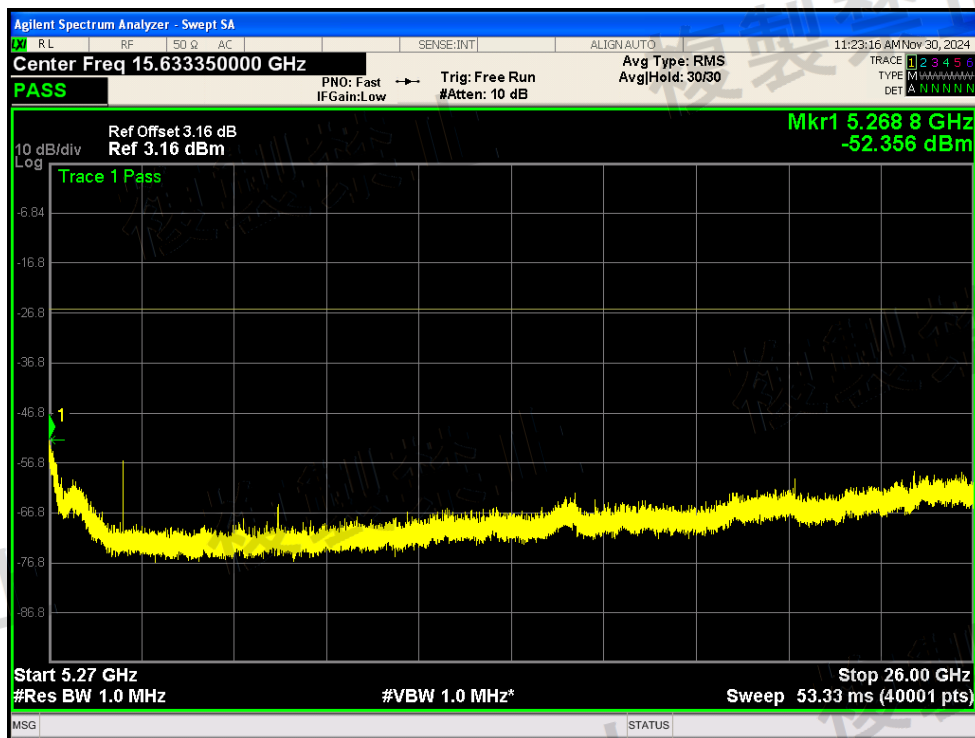
Tx. Spurious NVNT ac20 5200MHz Ant1 @ 5251MHz-5260MHz



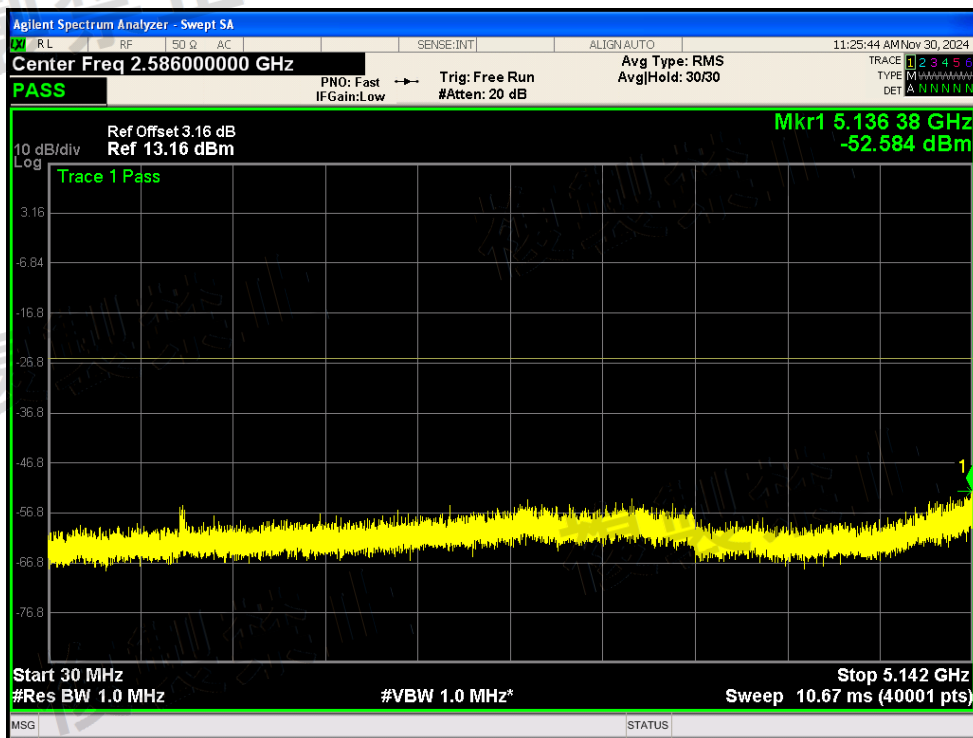
Tx. Spurious NVNT ac20 5200MHz Ant1 @ 5260MHz-5266.7MHz



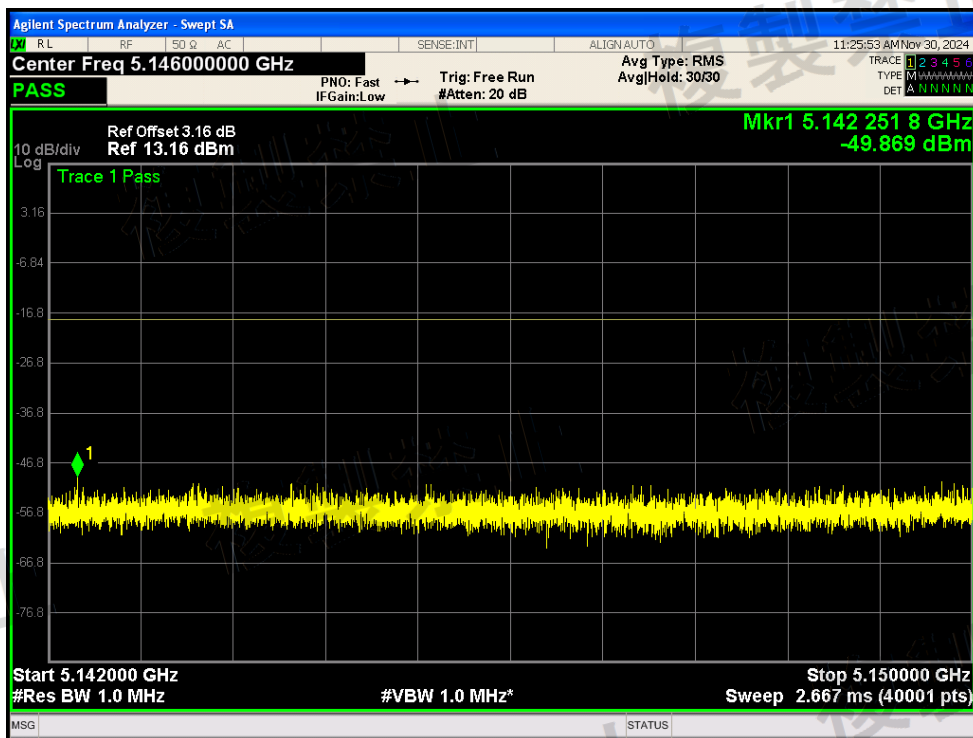
Tx. Spurious NVNT ac20 5200MHz Ant1 @ 5266.7MHz-26000MHz



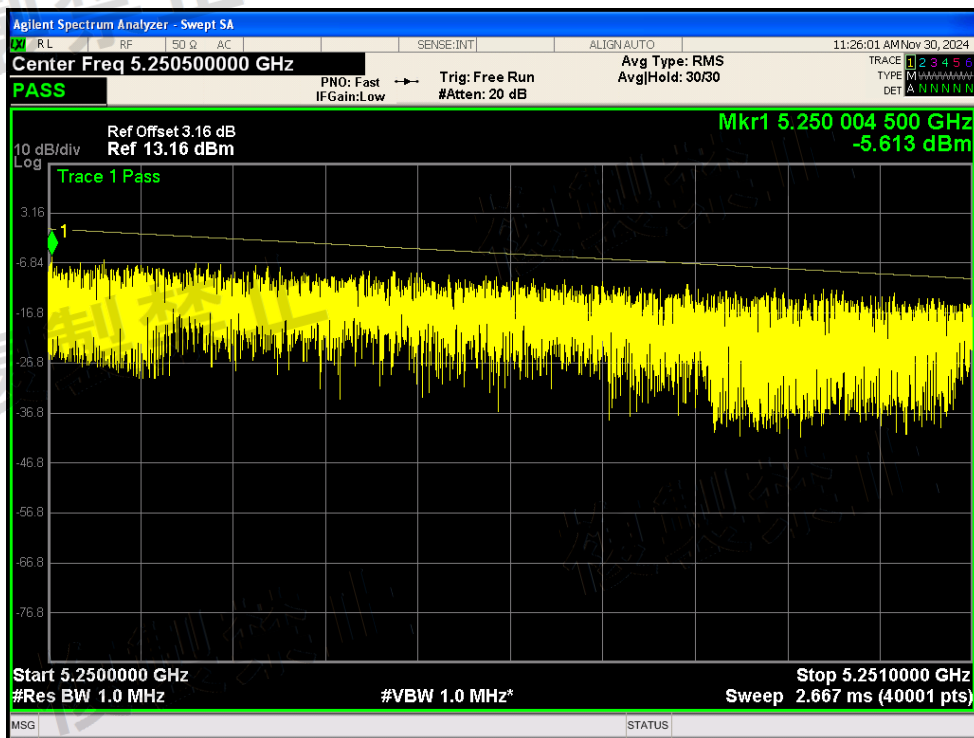
Tx. Spurious NVNT ac20 5240MHz Ant1 @ 30MHz-5142MHz



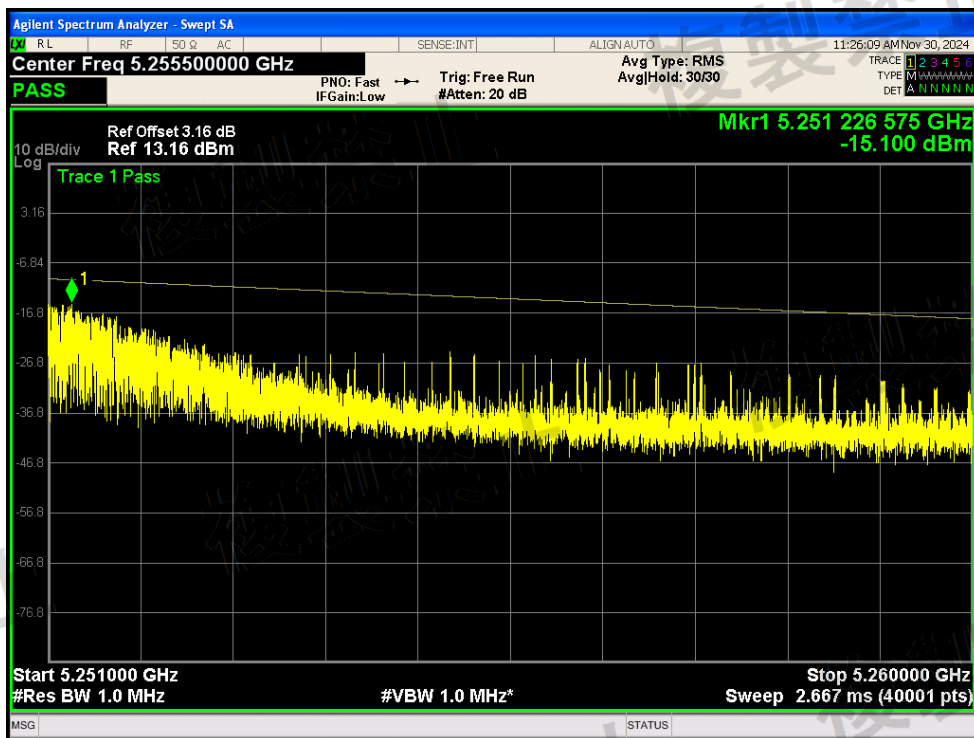
Tx. Spurious NVNT ac20 5240MHz Ant1 @ 5142MHz-5150MHz



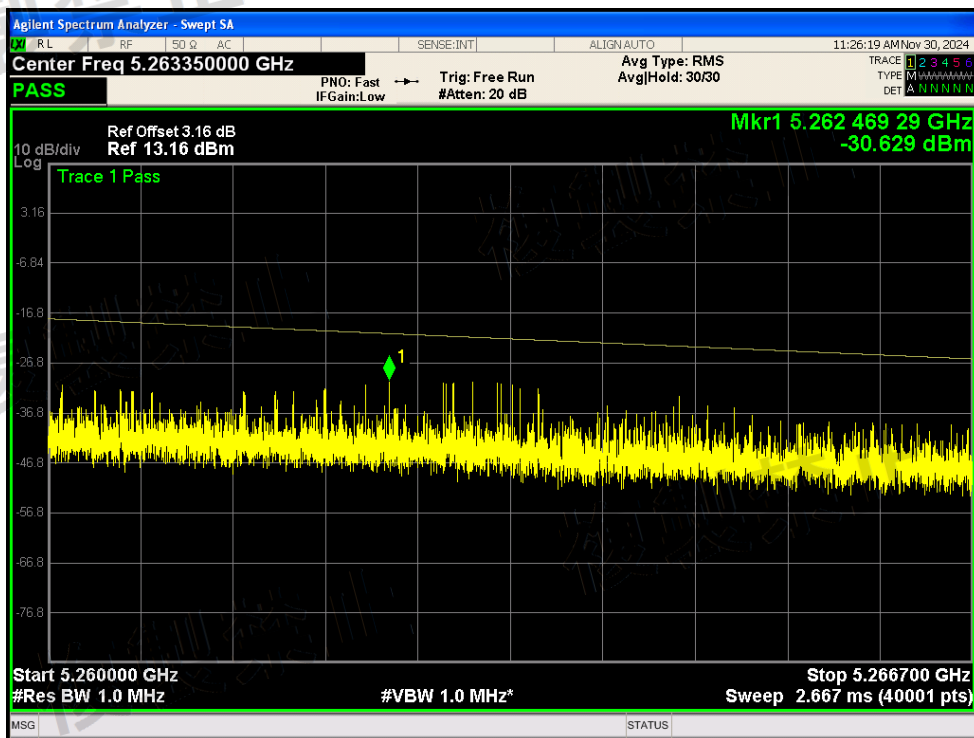
Tx. Spurious NVNT ac20 5240MHz Ant1 @ 5250MHz-5251MHz



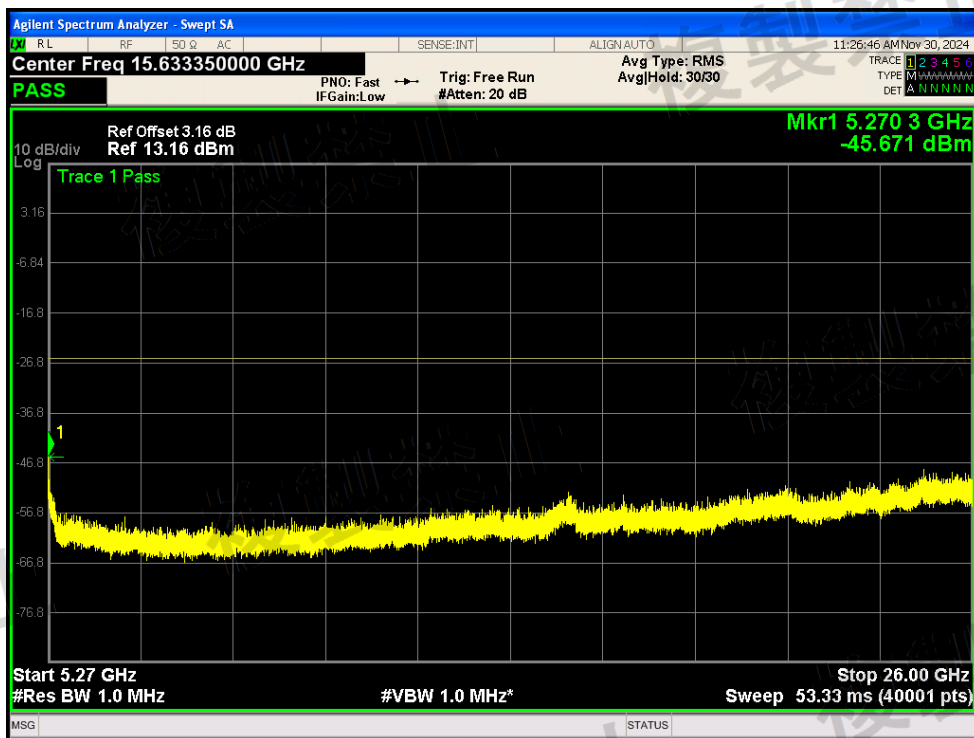
Tx. Spurious NVNT ac20 5240MHz Ant1 @ 5251MHz-5260MHz



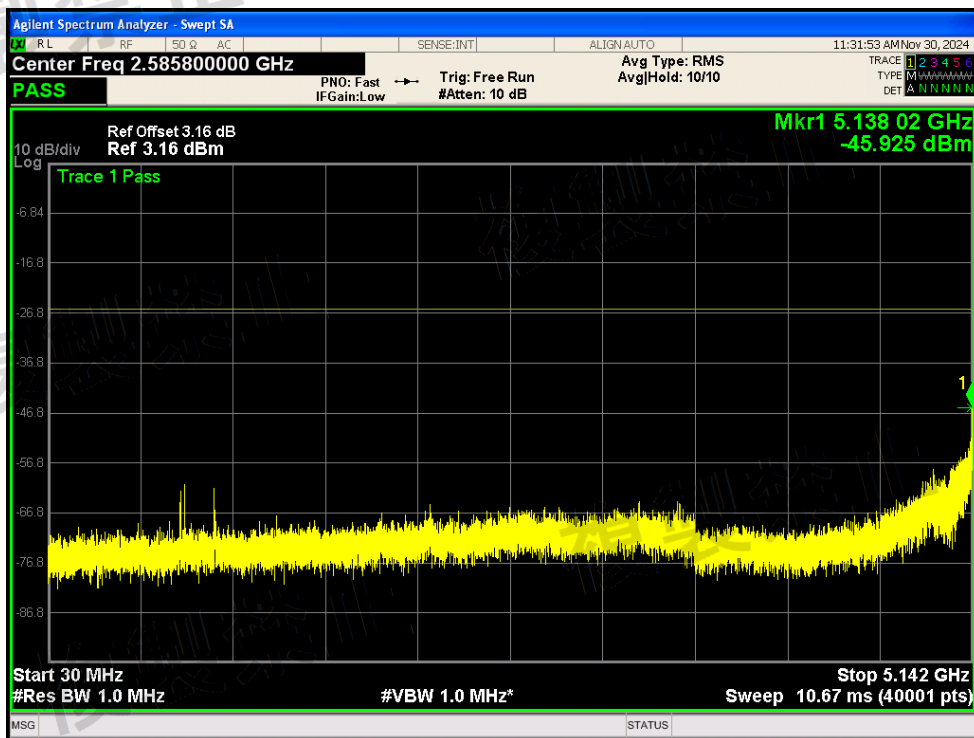
Tx. Spurious NVNT ac20 5240MHz Ant1 @ 5260MHz-5266.7MHz



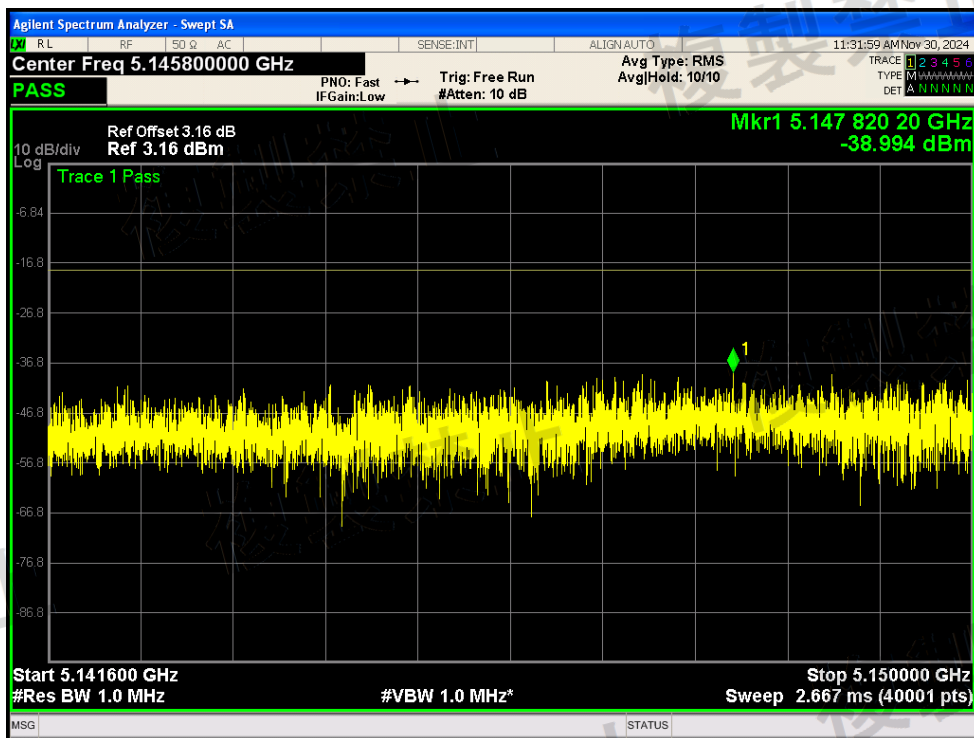
Tx. Spurious NVNT ac20 5240MHz Ant1 @ 5266.7MHz-26000MHz



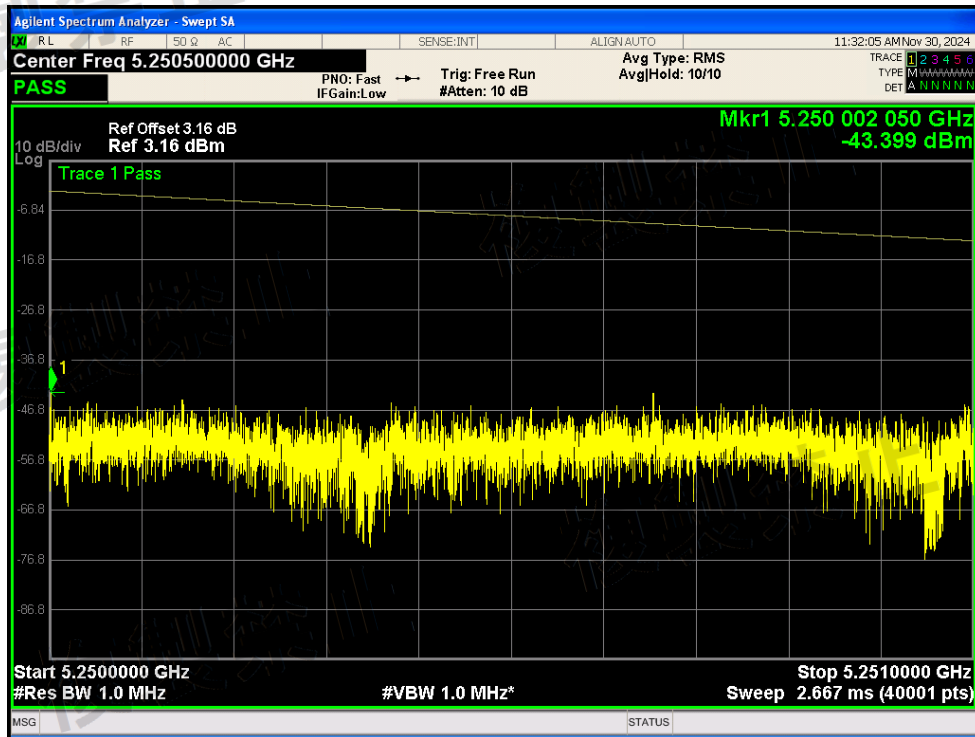
Tx. Spurious NVNT ac40 5190MHz Ant1 @ 30MHz-5141.6MHz



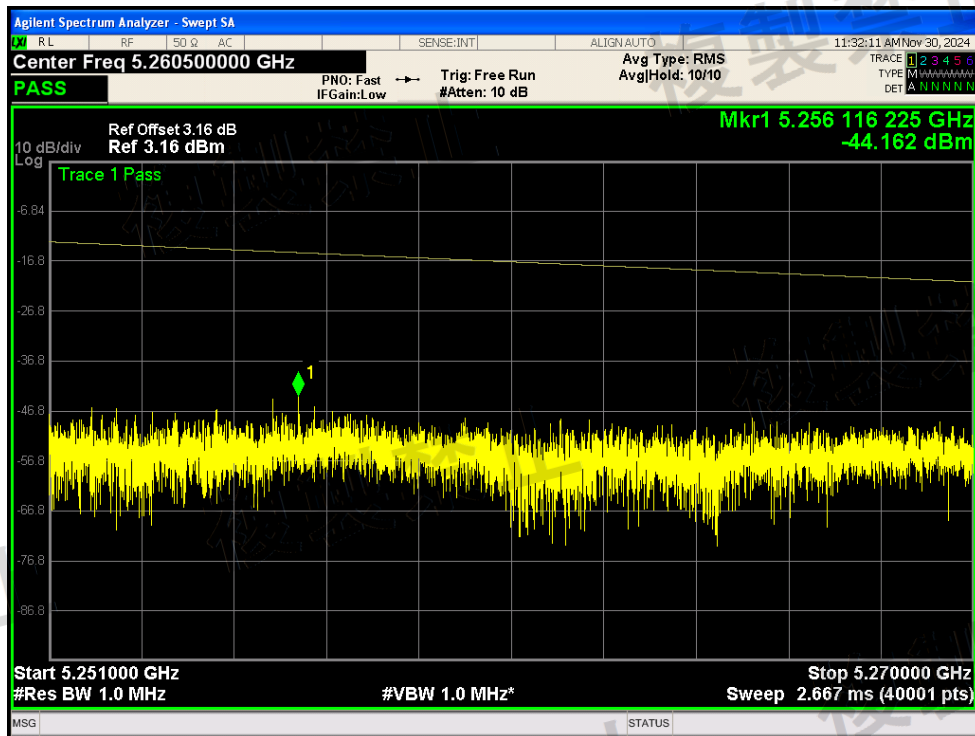
Tx. Spurious NVNT ac40 5190MHz Ant1 @ 5141.6MHz-5150MHz



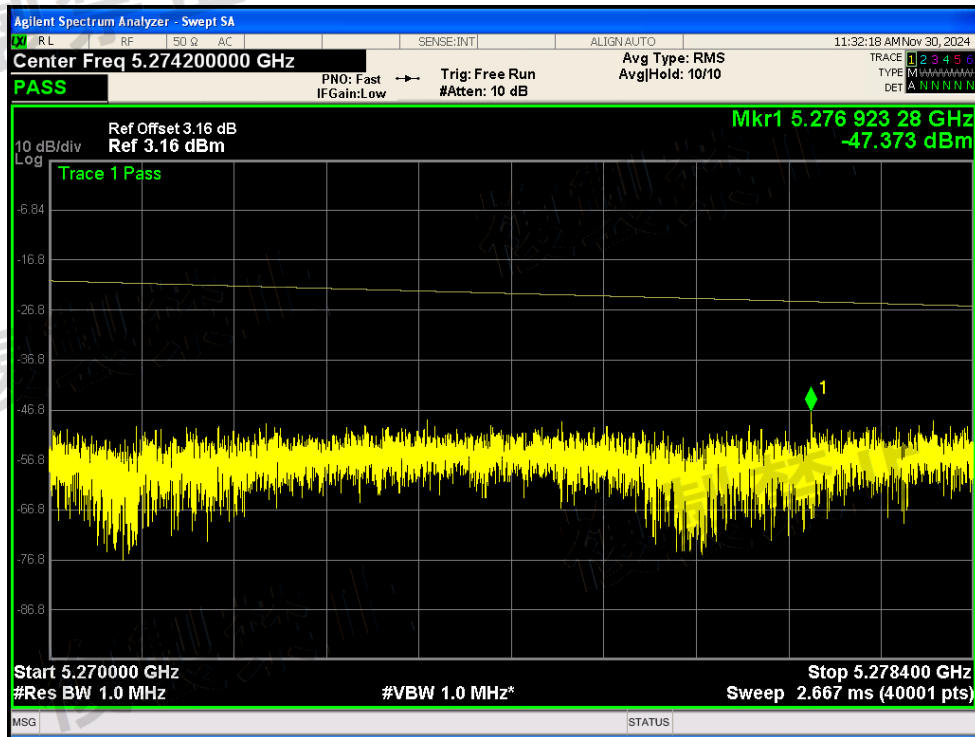
Tx. Spurious NVNT ac40 5190MHz Ant1 @ 5250MHz-5251MHz



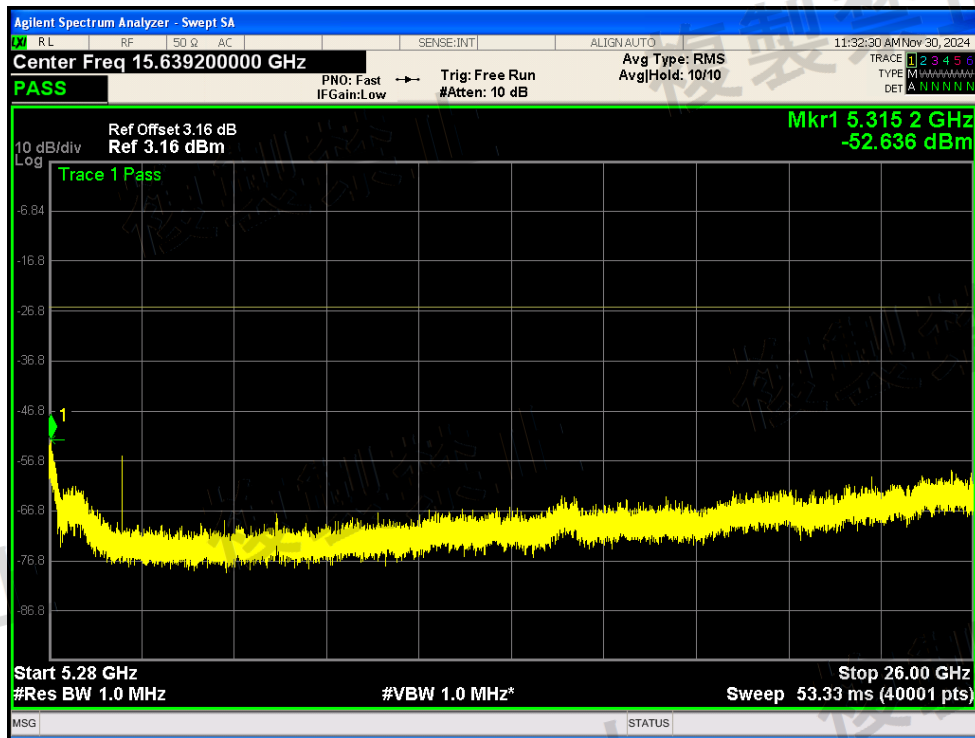
Tx. Spurious NVNT ac40 5190MHz Ant1 @ 5251MHz-5270MHz



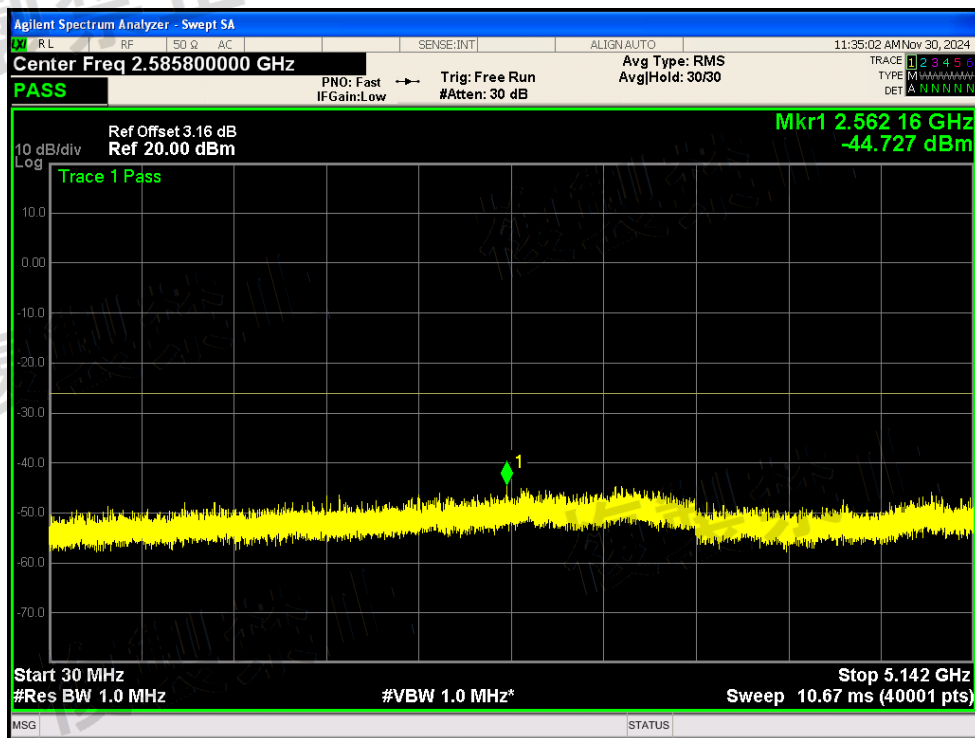
Tx. Spurious NVNT ac40 5190MHz Ant1 @ 5270MHz-5278.4MHz



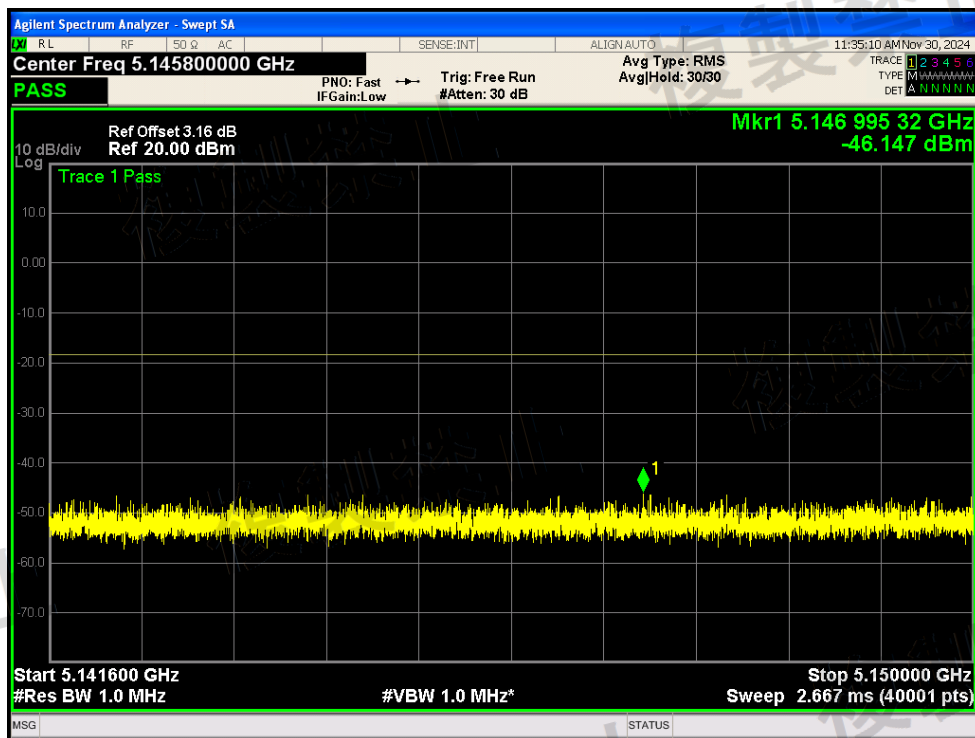
Tx. Spurious NVNT ac40 5190MHz Ant1 @ 5278.4MHz-26000MHz



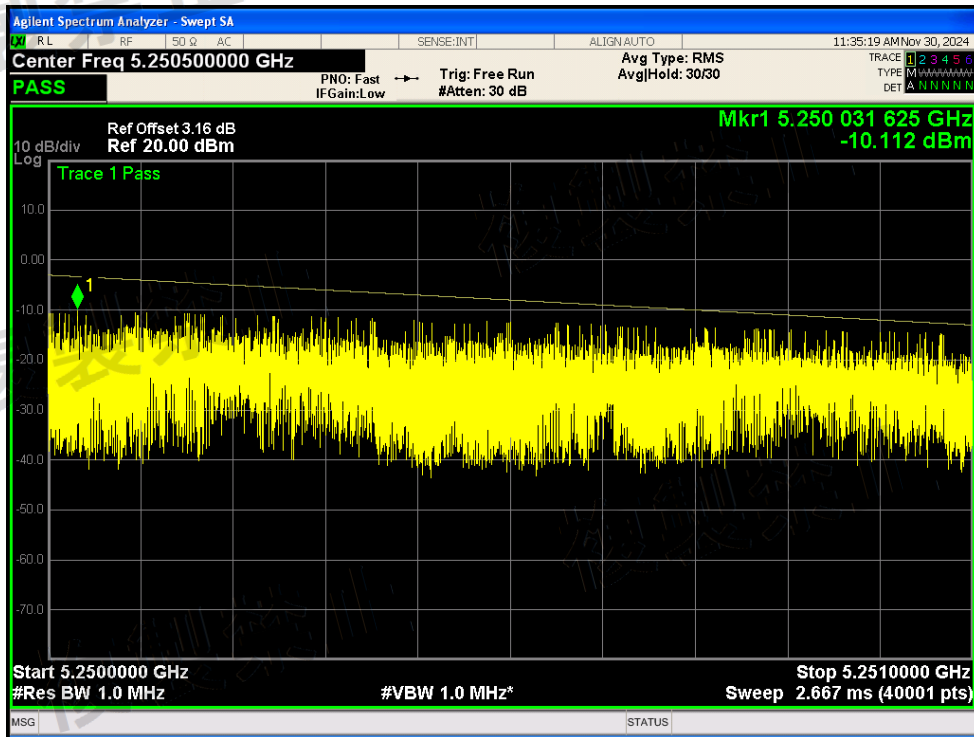
Tx. Spurious NVNT ac40 5230MHz Ant1 @ 30MHz-5141.6MHz



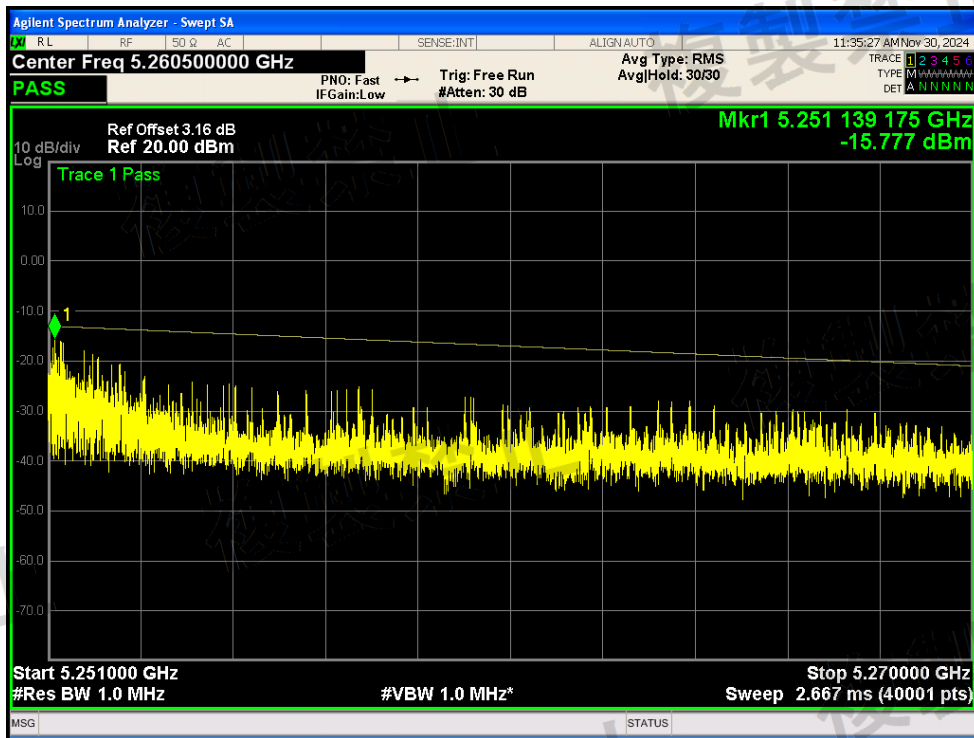
Tx. Spurious NVNT ac40 5230MHz Ant1 @ 5141.6MHz-5150MHz



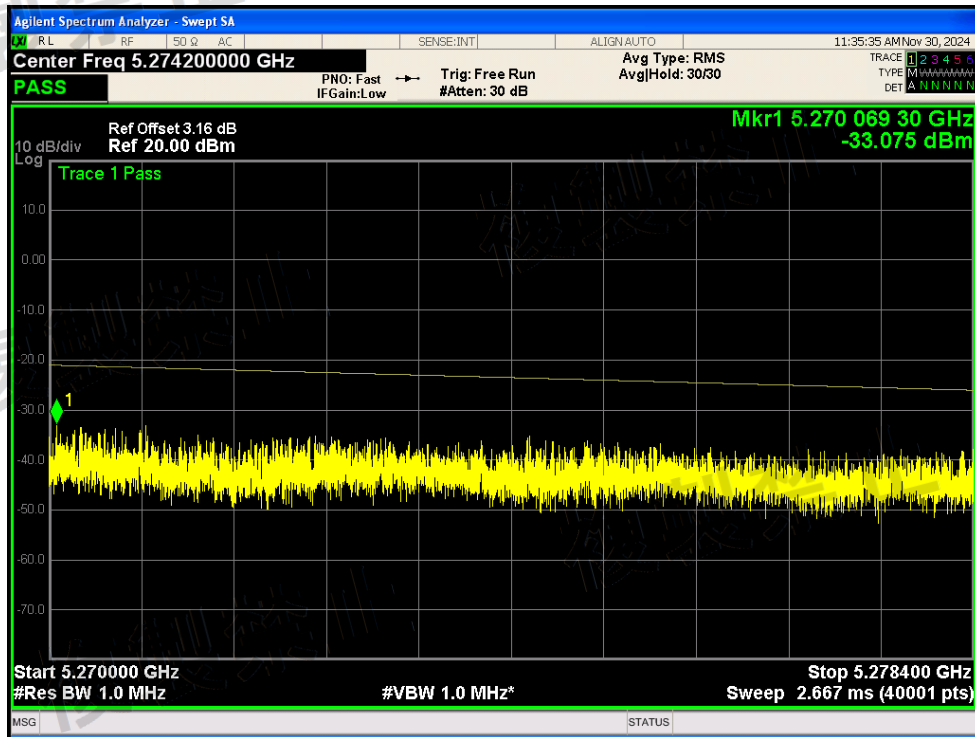
Tx. Spurious NVNT ac40 5230MHz Ant1 @ 5250MHz-5251MHz



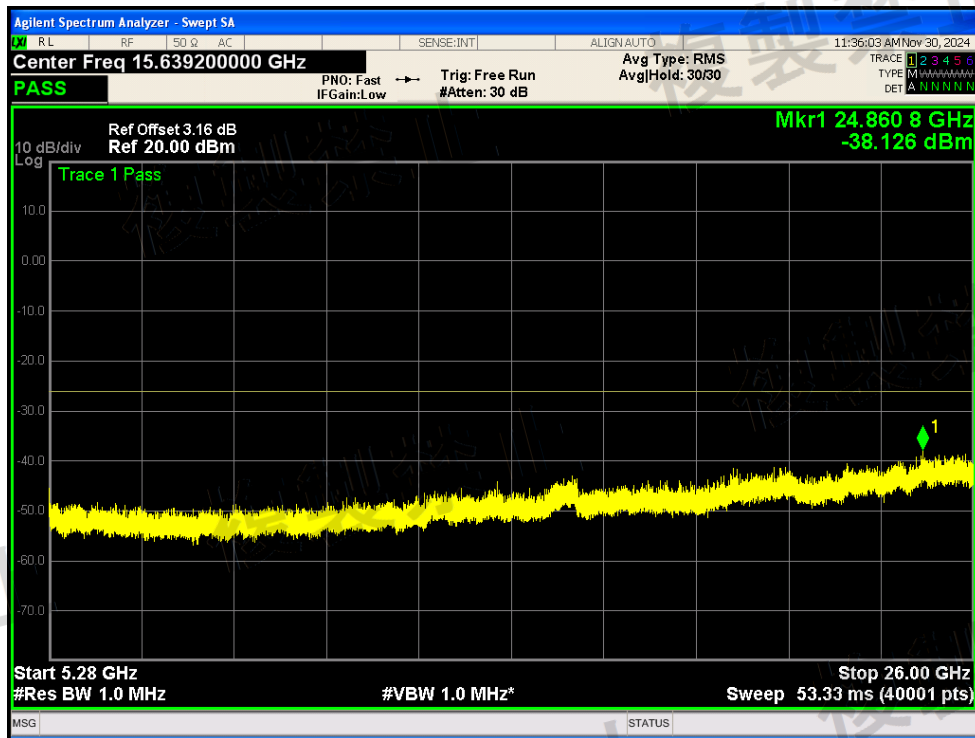
Tx. Spurious NVNT ac40 5230MHz Ant1 @ 5251MHz-5270MHz



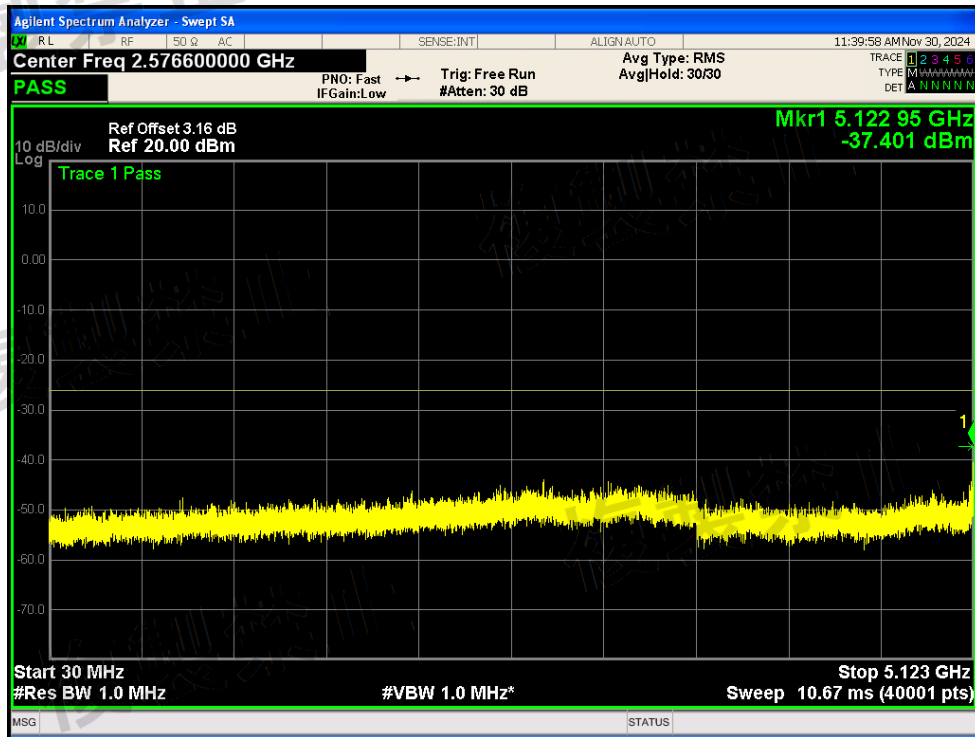
Tx. Spurious NVNT ac40 5230MHz Ant1 @ 5270MHz-5278.4MHz



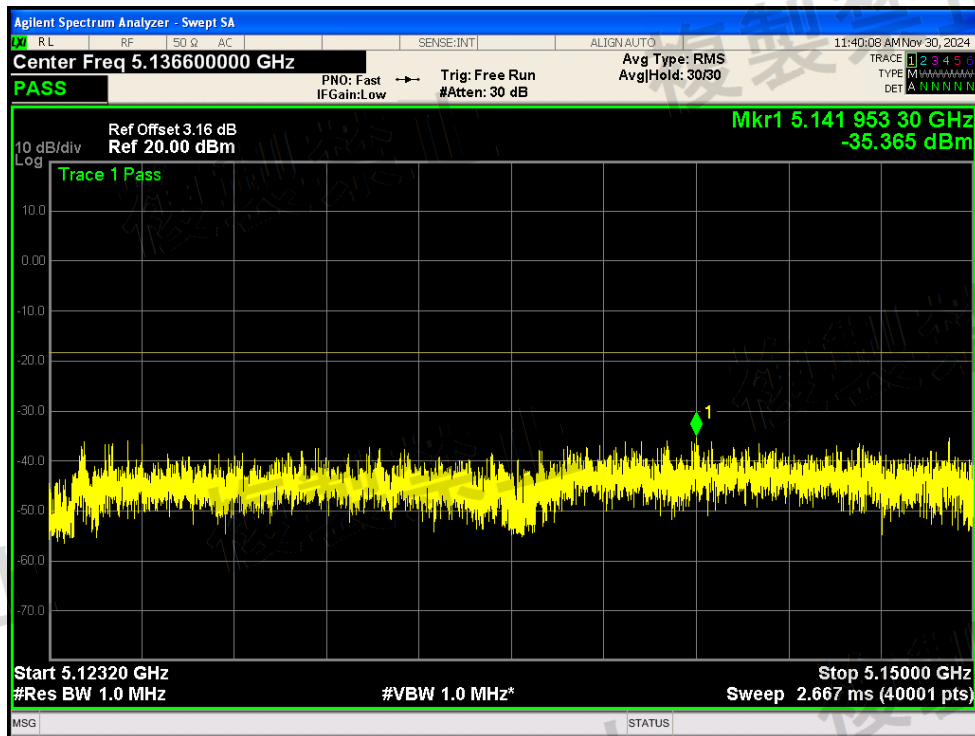
Tx. Spurious NVNT ac40 5230MHz Ant1 @ 5278.4MHz-26000MHz



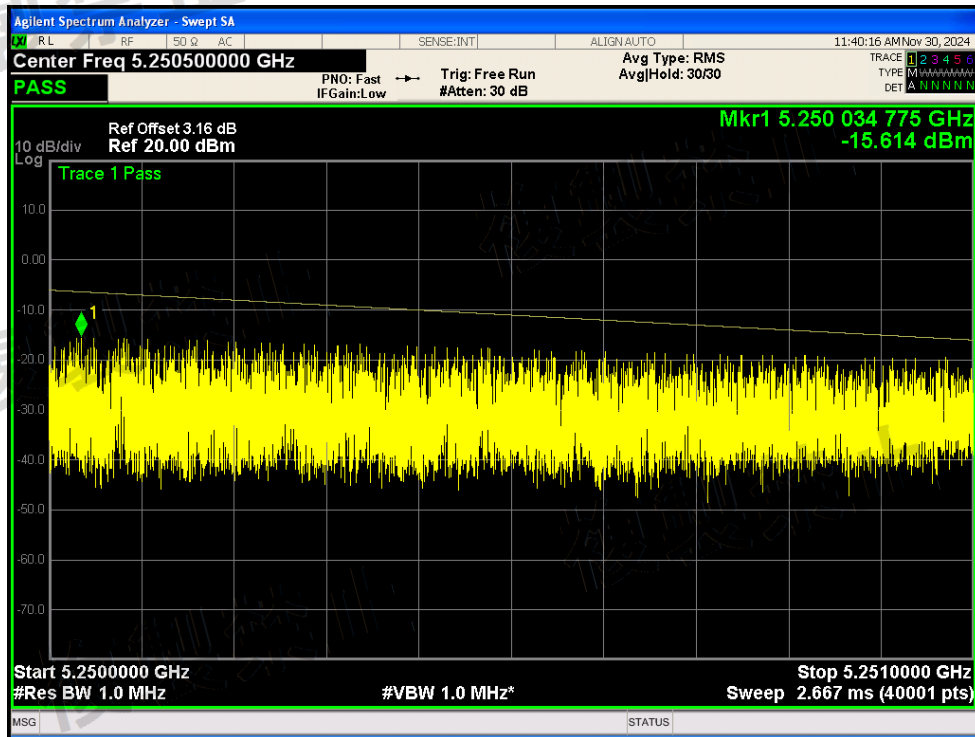
Tx. Spurious NVNT ac80 5210MHz Ant1 @ 30MHz-5123.2MHz



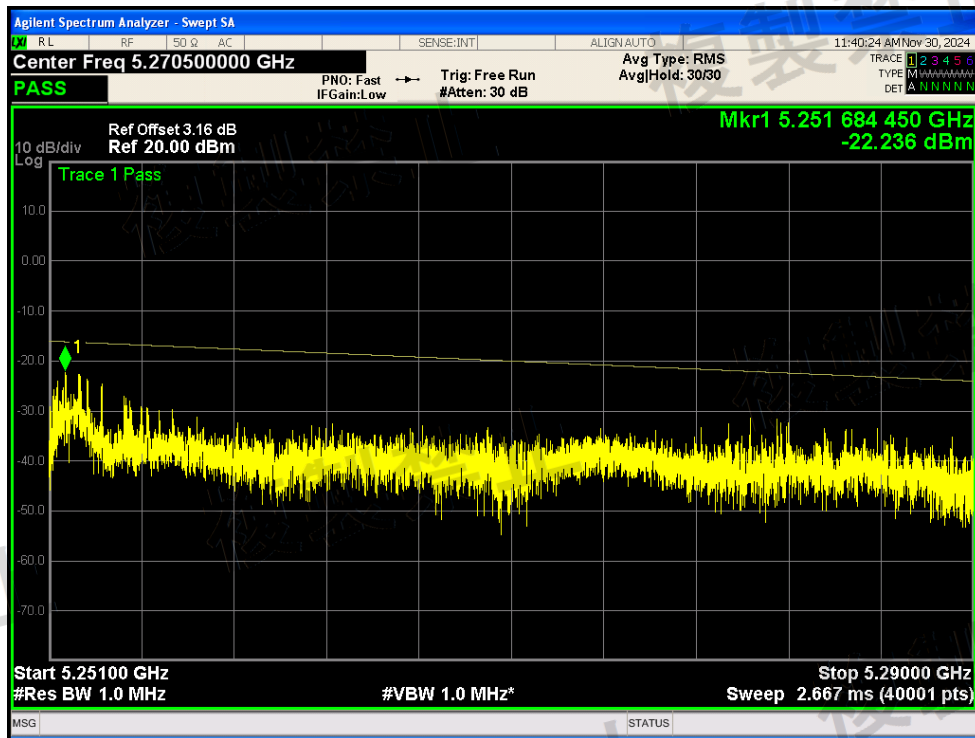
Tx. Spurious NVNT ac80 5210MHz Ant1 @ 5123.2MHz-5150MHz



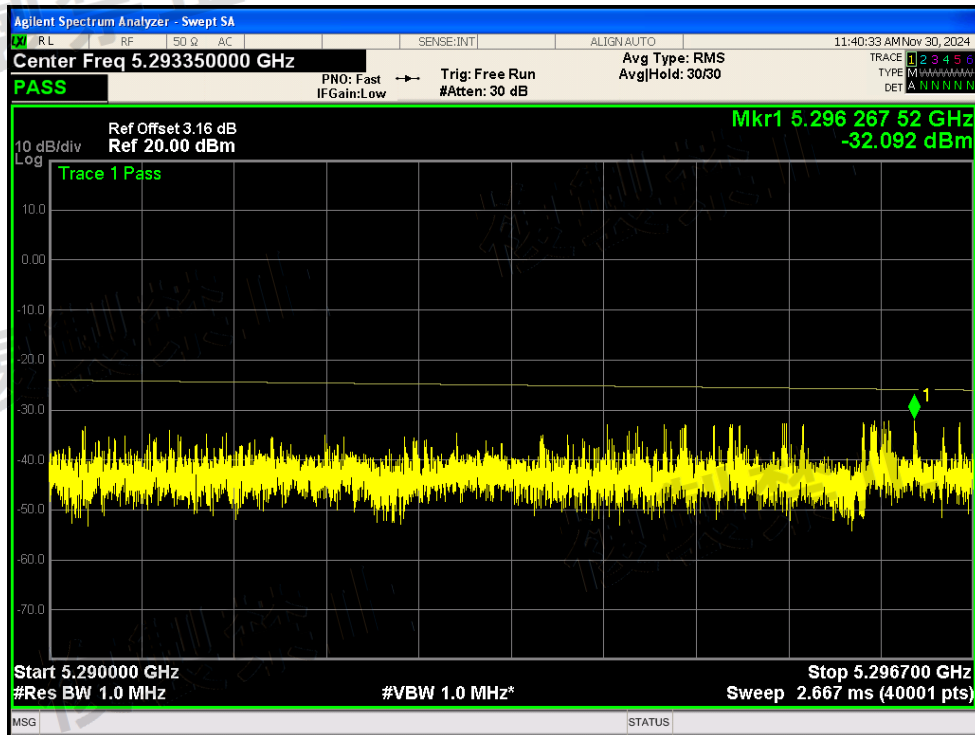
Tx. Spurious NVNT ac80 5210MHz Ant1 @ 5250MHz-5251MHz



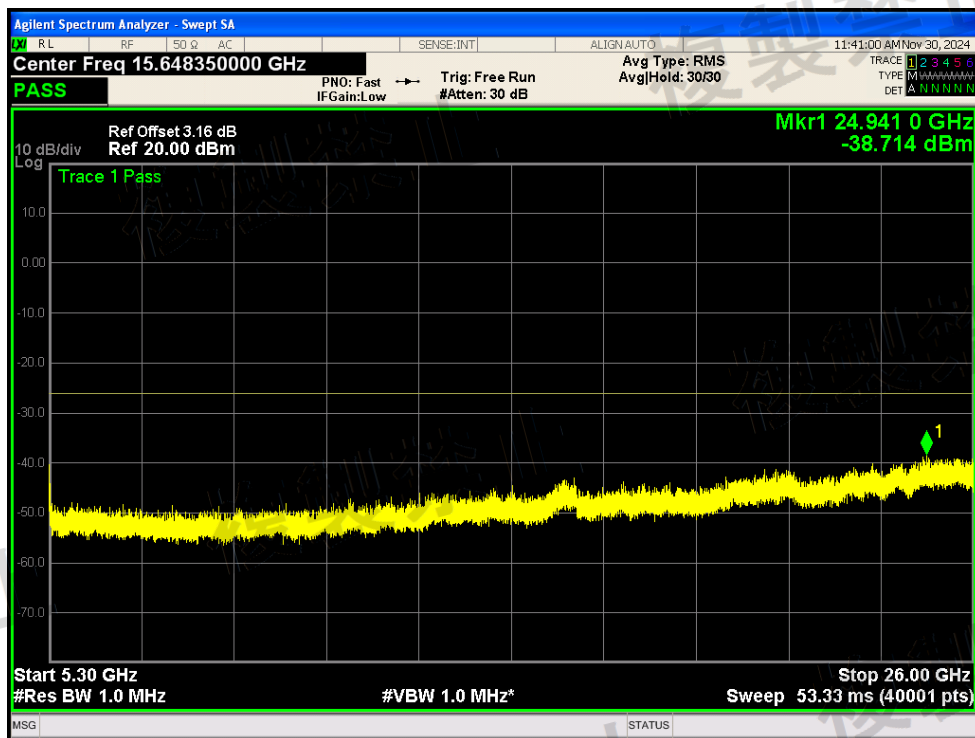
Tx. Spurious NVNT ac80 5210MHz Ant1 @ 5251MHz-5290MHz



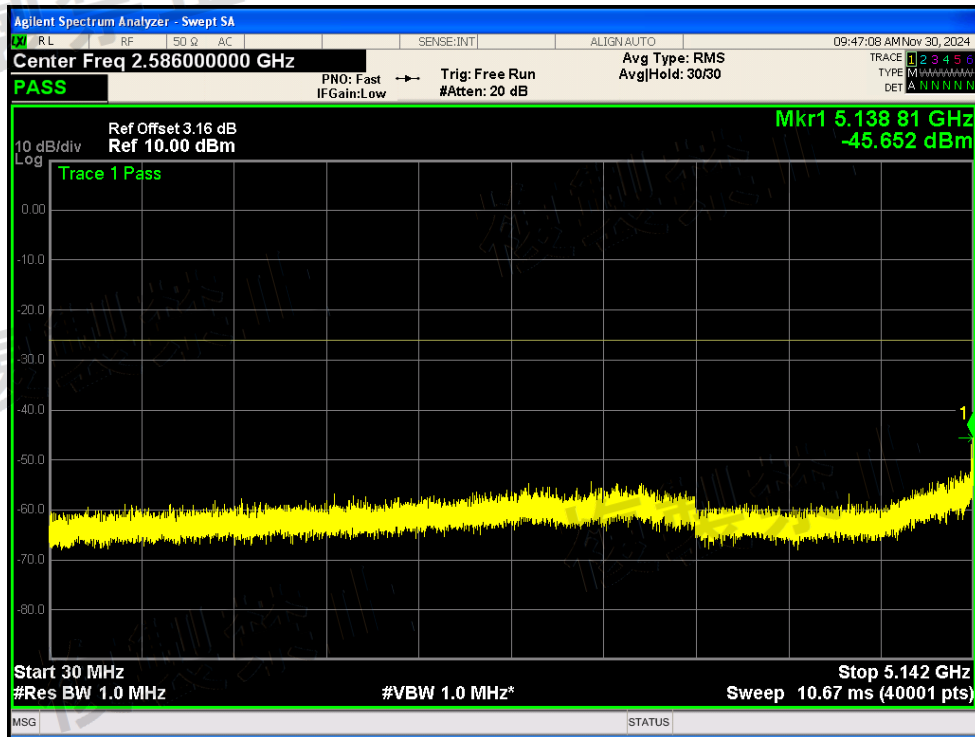
Tx. Spurious NVNT ac80 5210MHz Ant1 @ 5290MHz-5296.7MHz



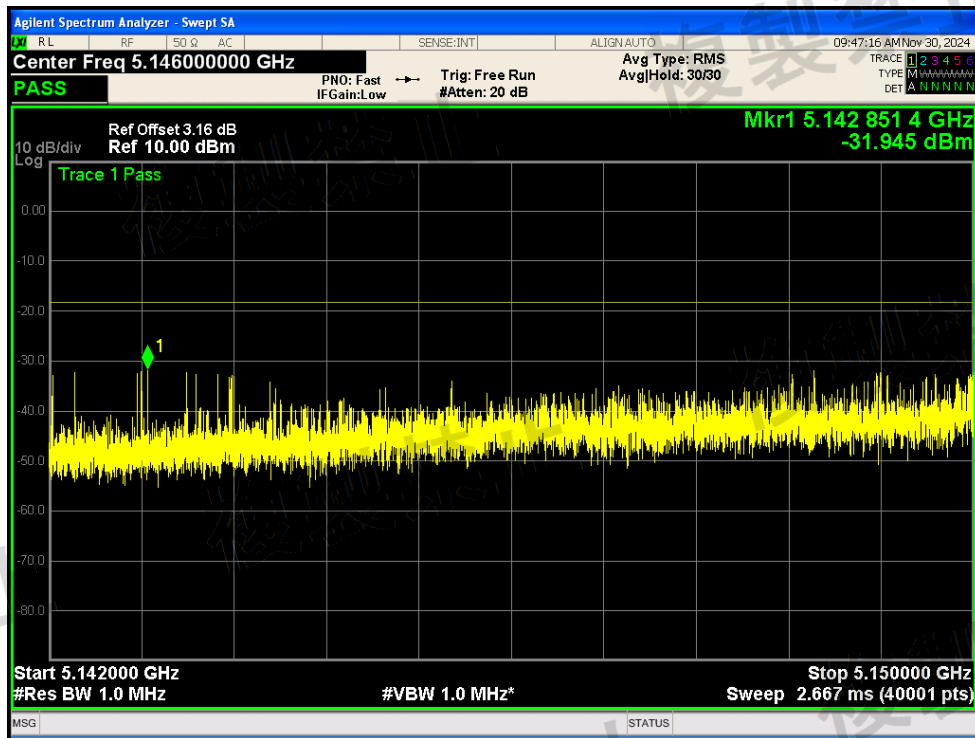
Tx. Spurious NVNT ac80 5210MHz Ant1 @ 5296.7MHz-26000MHz



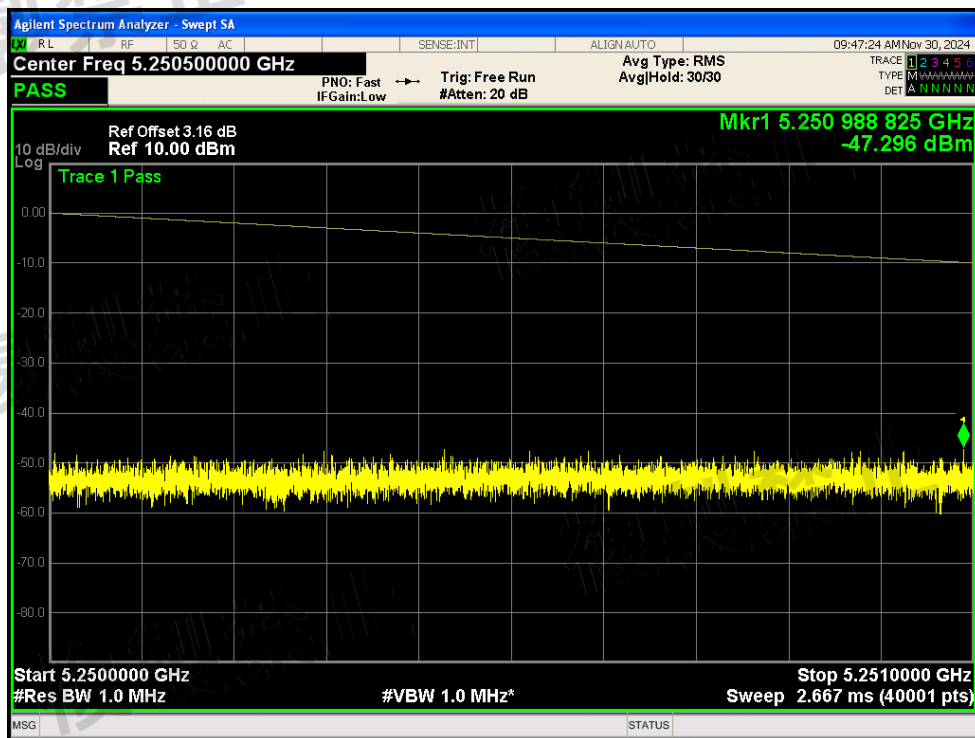
Tx. Spurious NVNT n20 5180MHz Ant1 @ 30MHz-5142MHz



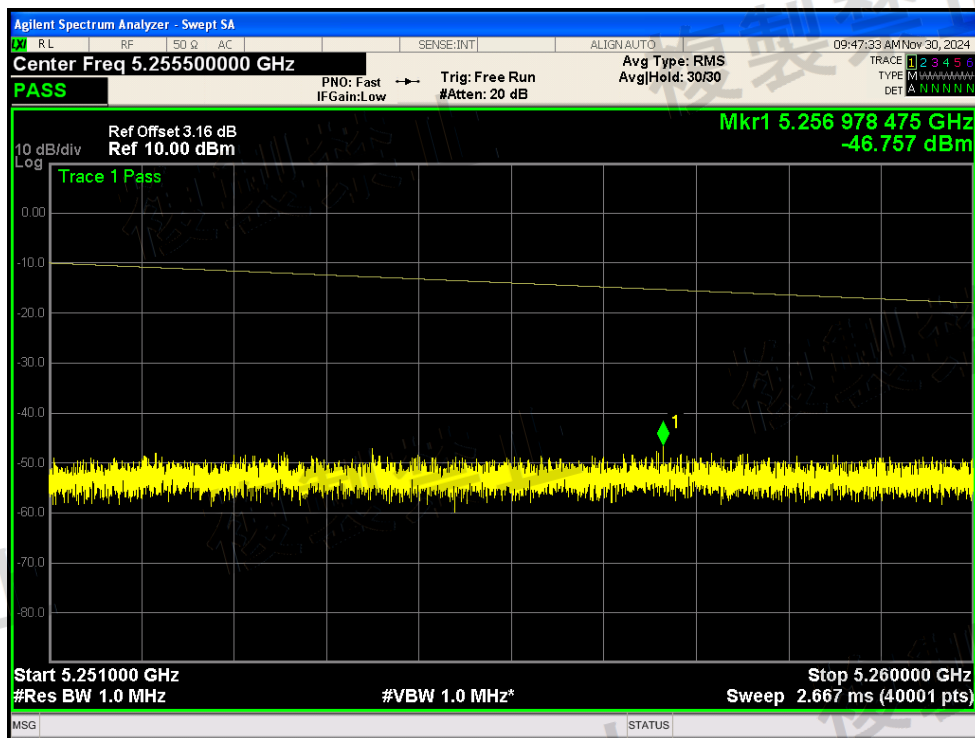
Tx. Spurious NVNT n20 5180MHz Ant1 @ 5142MHz-5150MHz



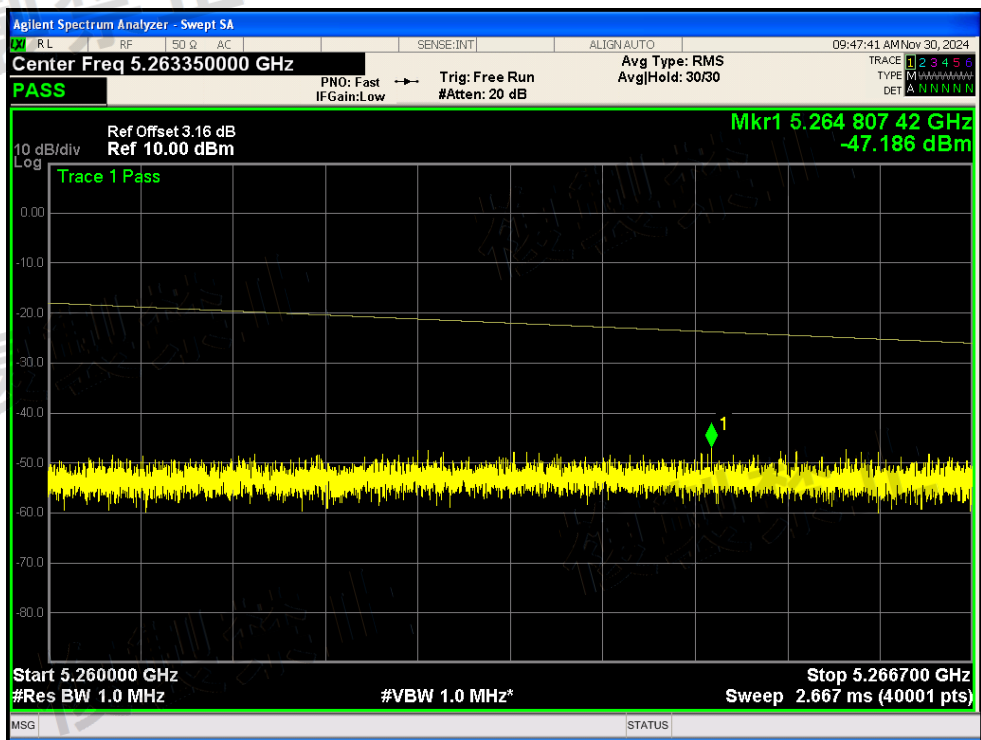
Tx. Spurious NVNT n20 5180MHz Ant1 @ 5250MHz-5251MHz



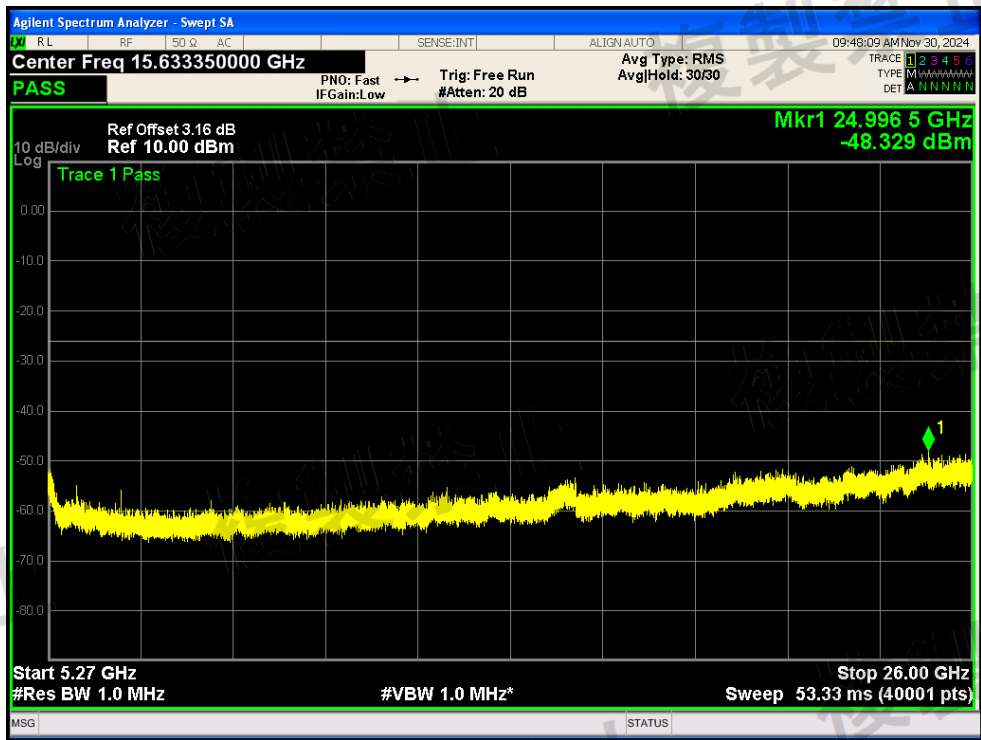
Tx. Spurious NVNT n20 5180MHz Ant1 @ 5251MHz-5260MHz



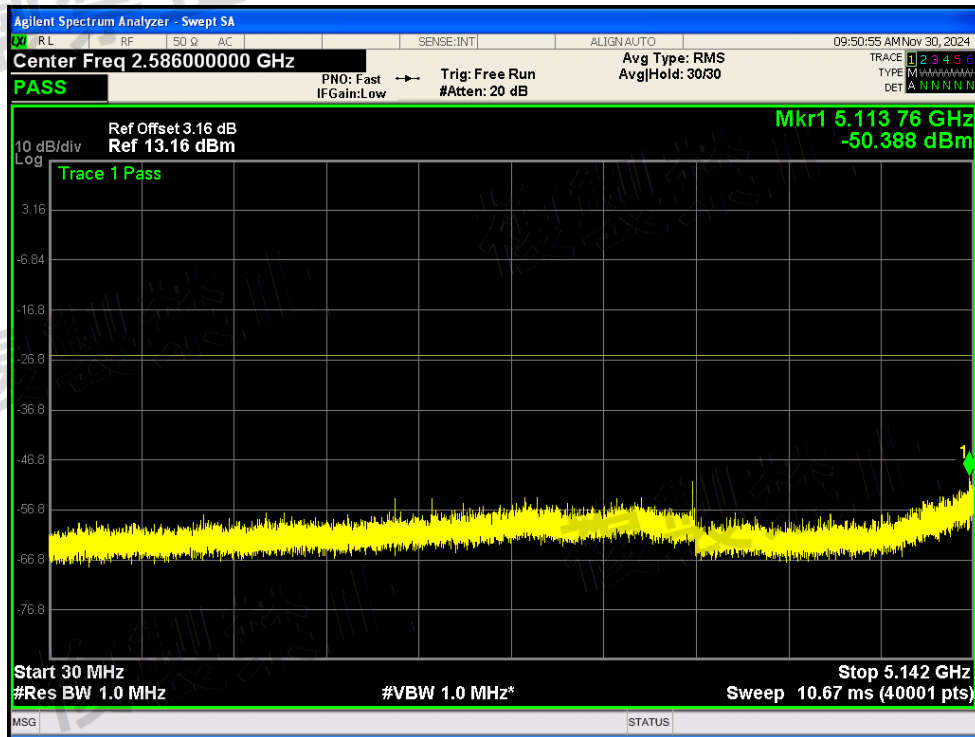
Tx. Spurious NVNT n20 5180MHz Ant1 @ 5260MHz-5266.7MHz



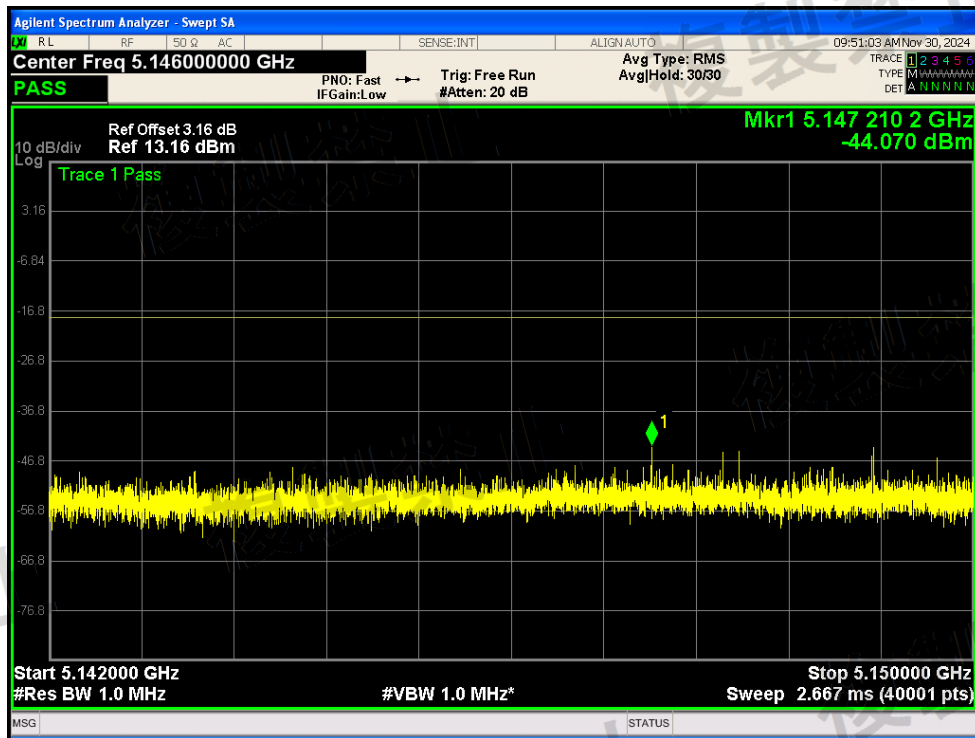
Tx. Spurious NVNT n20 5180MHz Ant1 @ 5266.7MHz-26000MHz



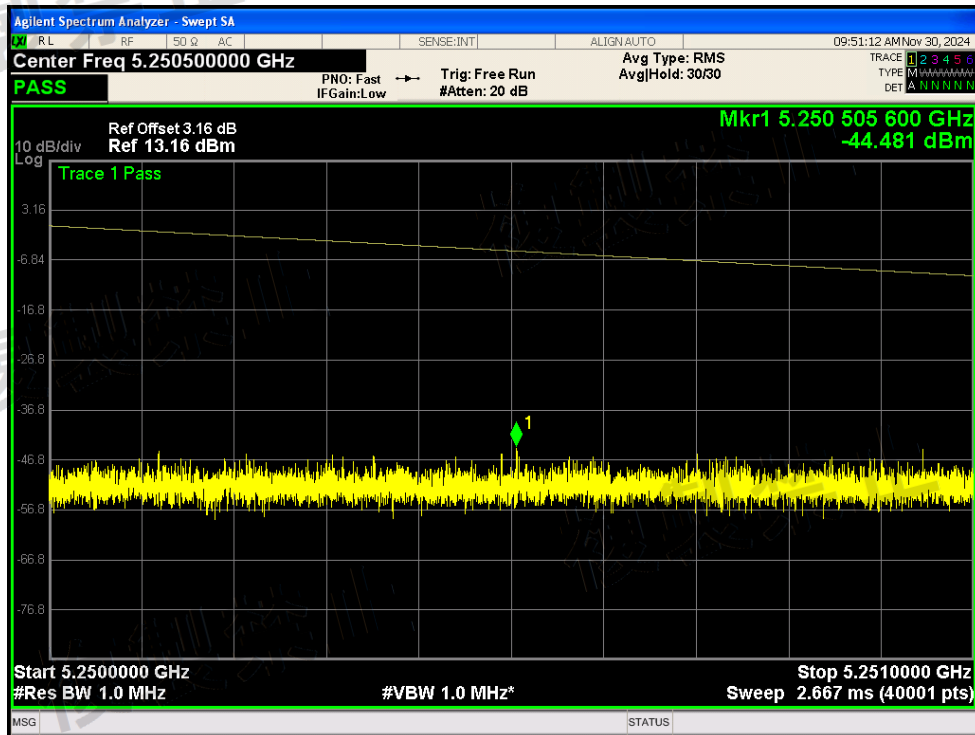
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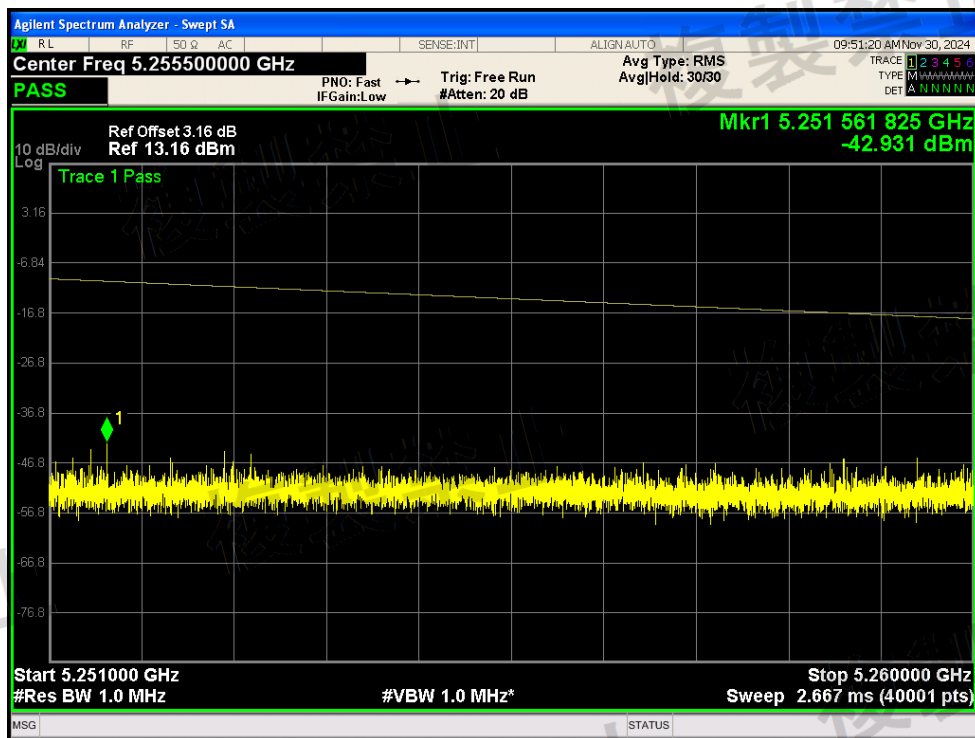
Tx. Spurious NVNT n20 5200MHz Ant1 @ 5142MHz-5150MHz



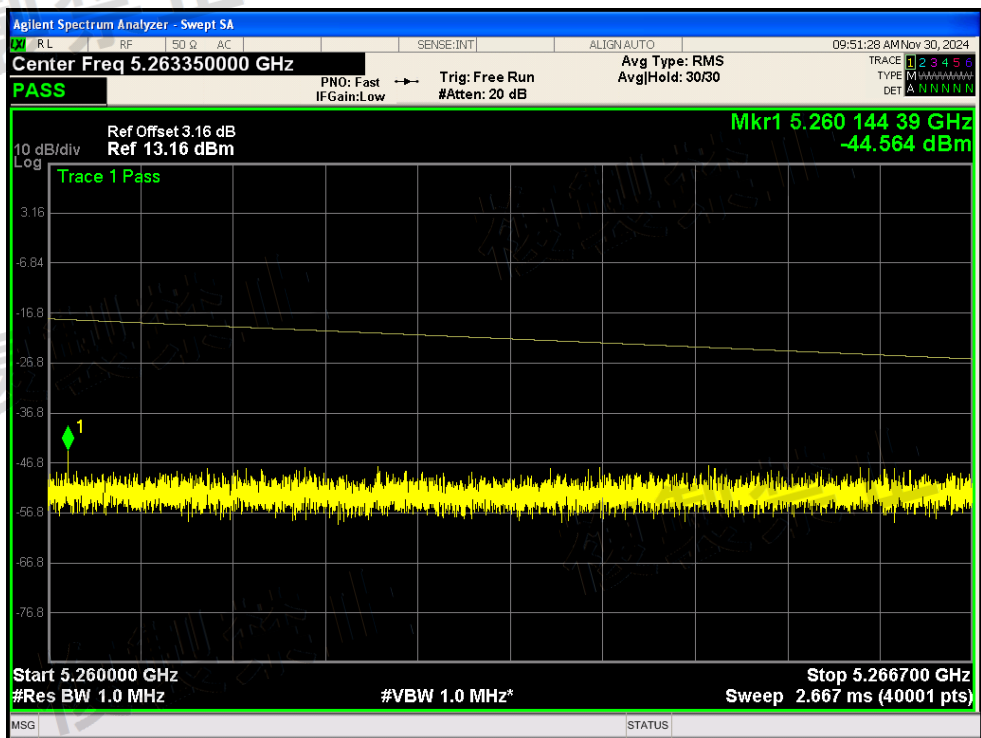
Tx. Spurious NVNT n20 5200MHz Ant1 @ 5250MHz-5251MHz



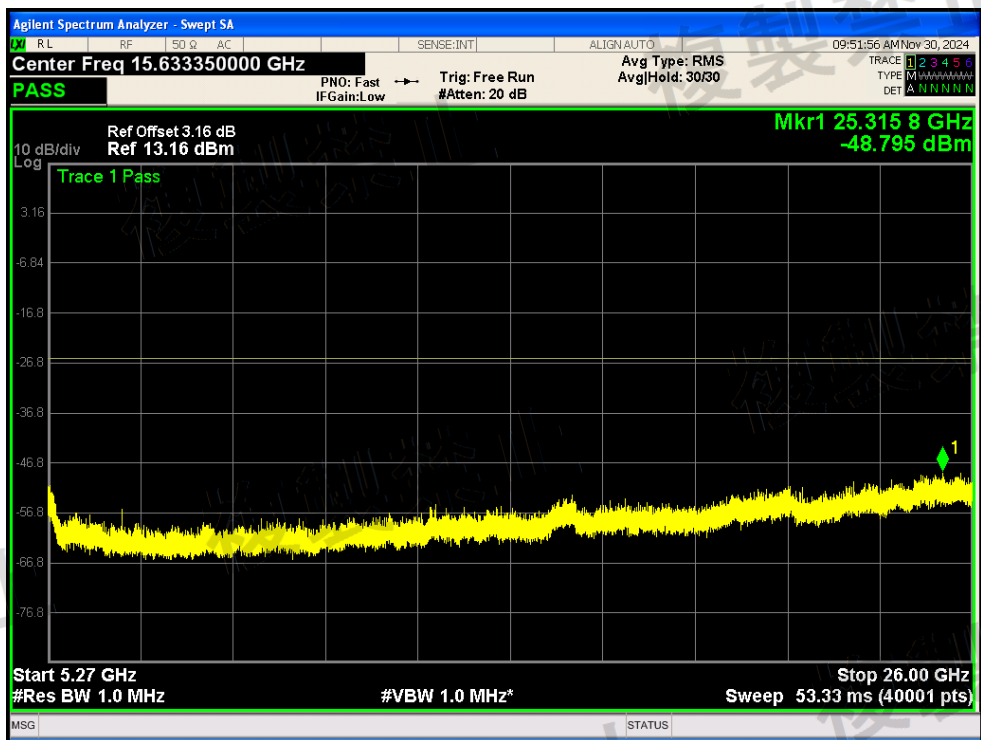
Tx. Spurious NVNT n20 5200MHz Ant1 @ 5251MHz-5260MHz



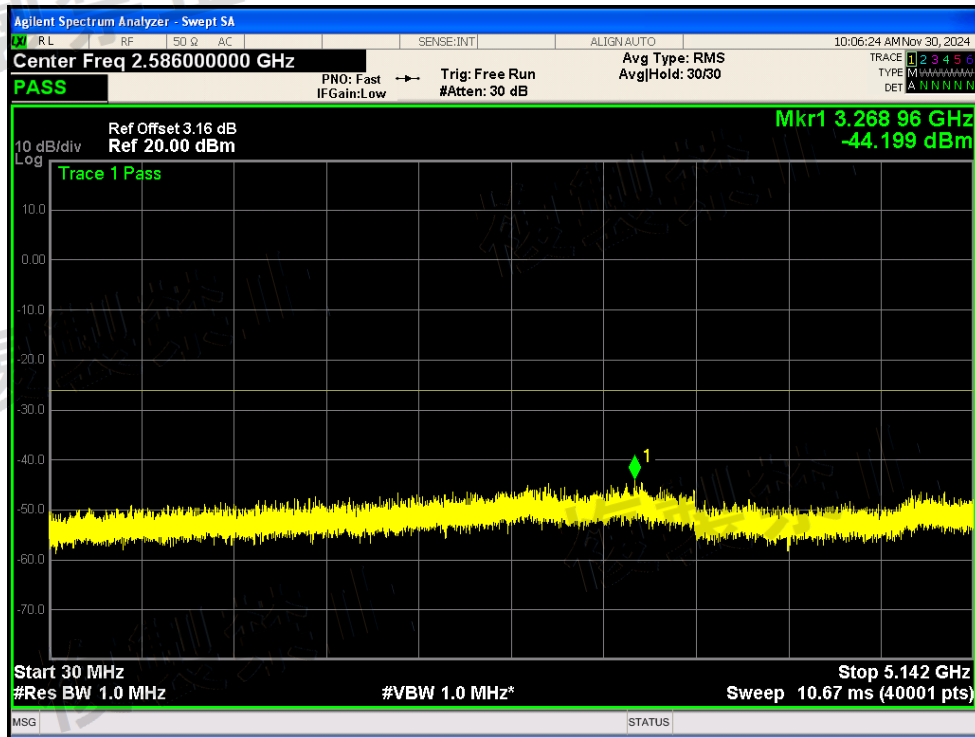
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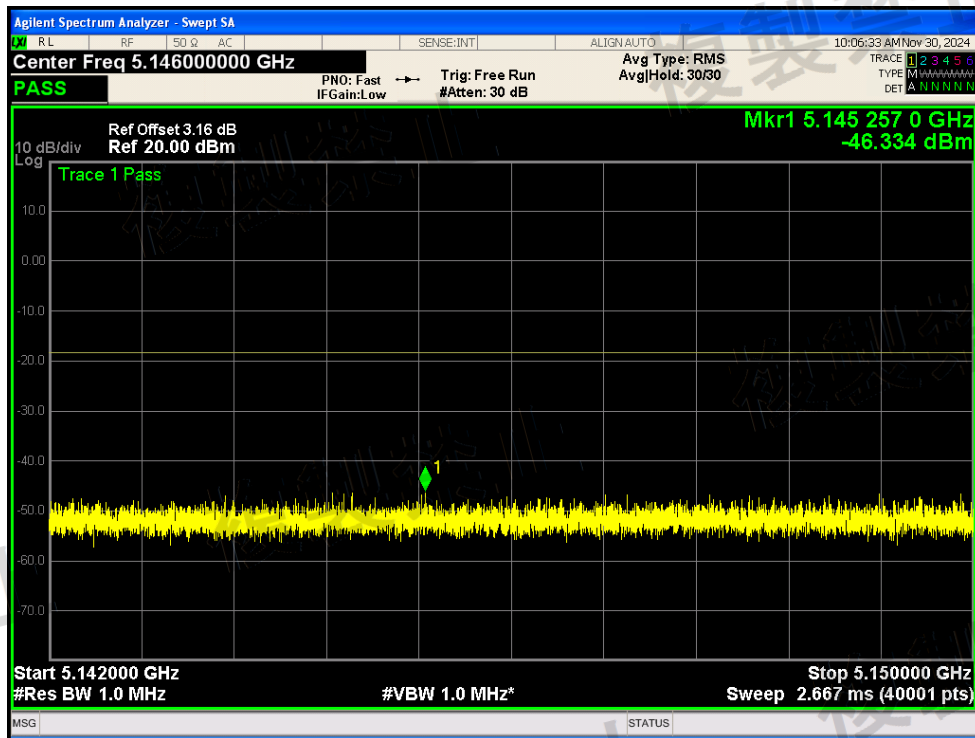
Tx. Spurious NVNT n20 5200MHz Ant1 @ 5266.7MHz-26000MHz



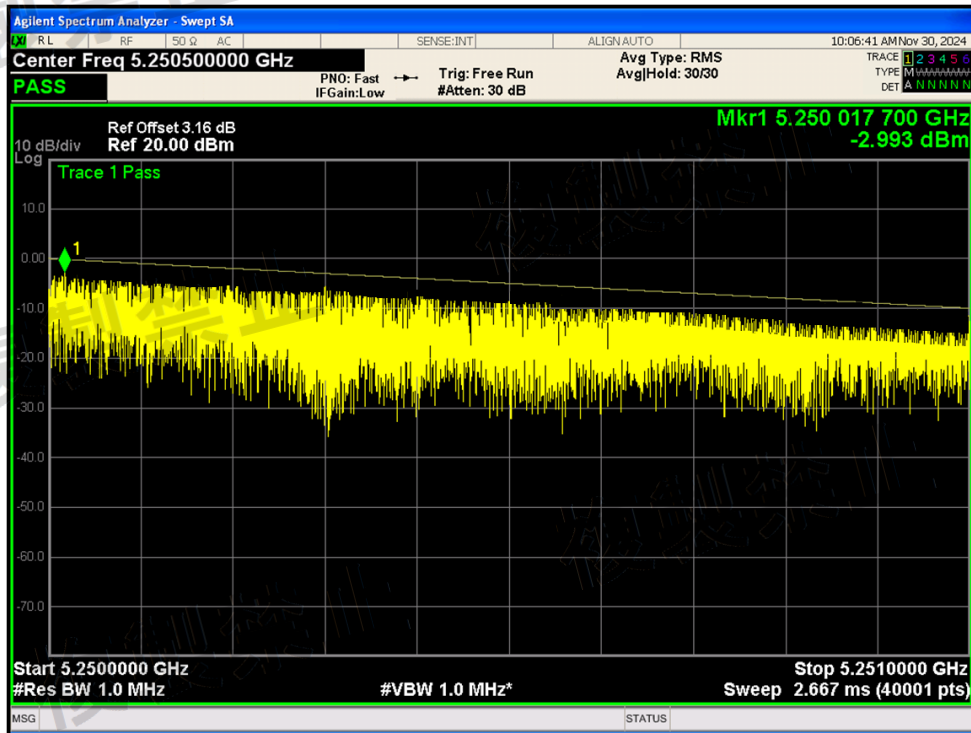
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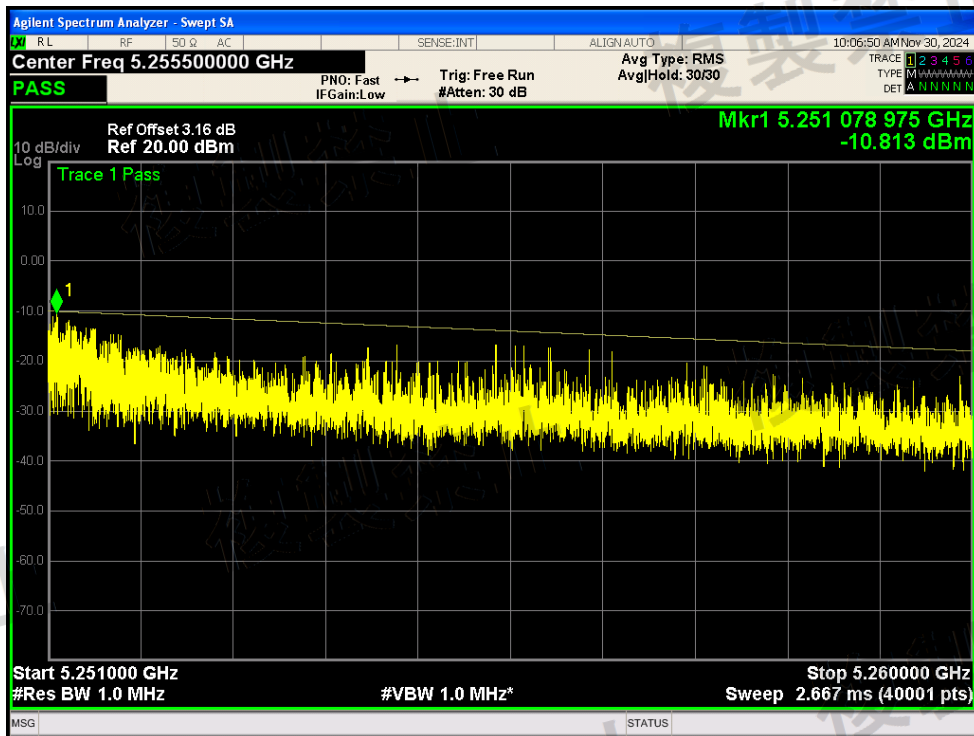
Tx. Spurious NVNT n20 5240MHz Ant1 @ 5142MHz-5150MHz



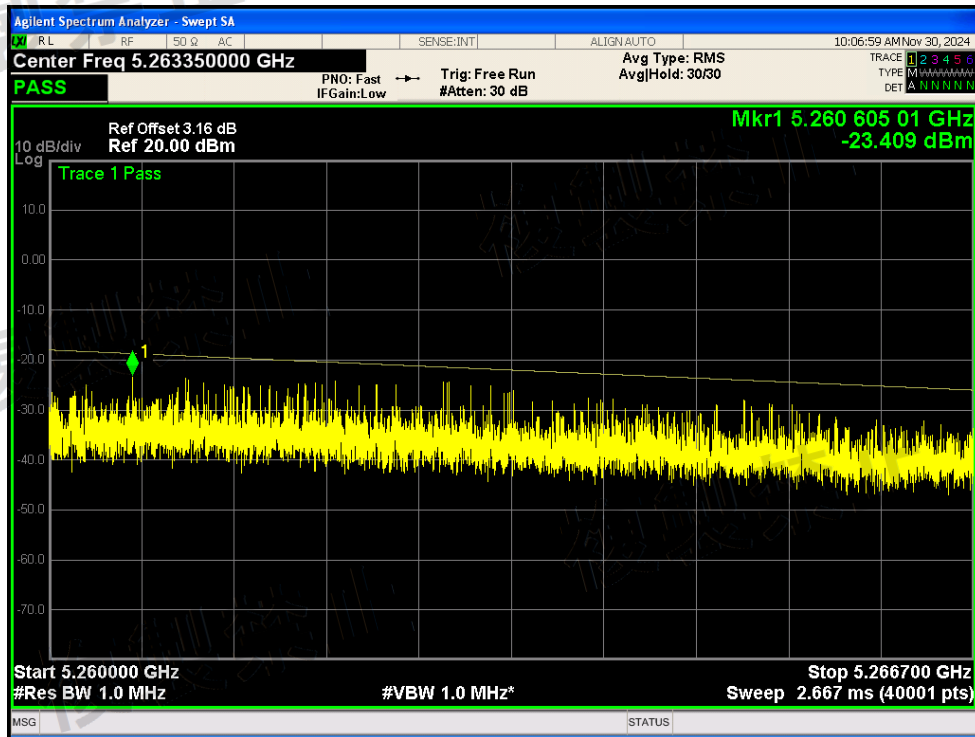
Tx. Spurious NVNT n20 5240MHz Ant1 @ 5250MHz-5251MHz



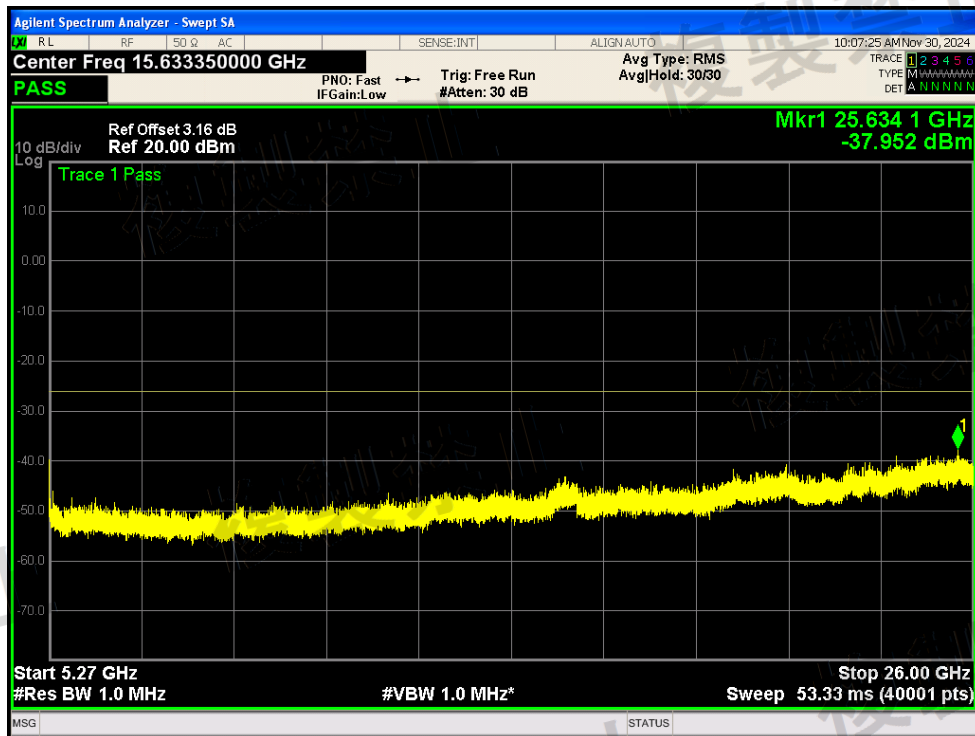
Tx. Spurious NVNT n20 5240MHz Ant1 @ 5251MHz-5260MHz



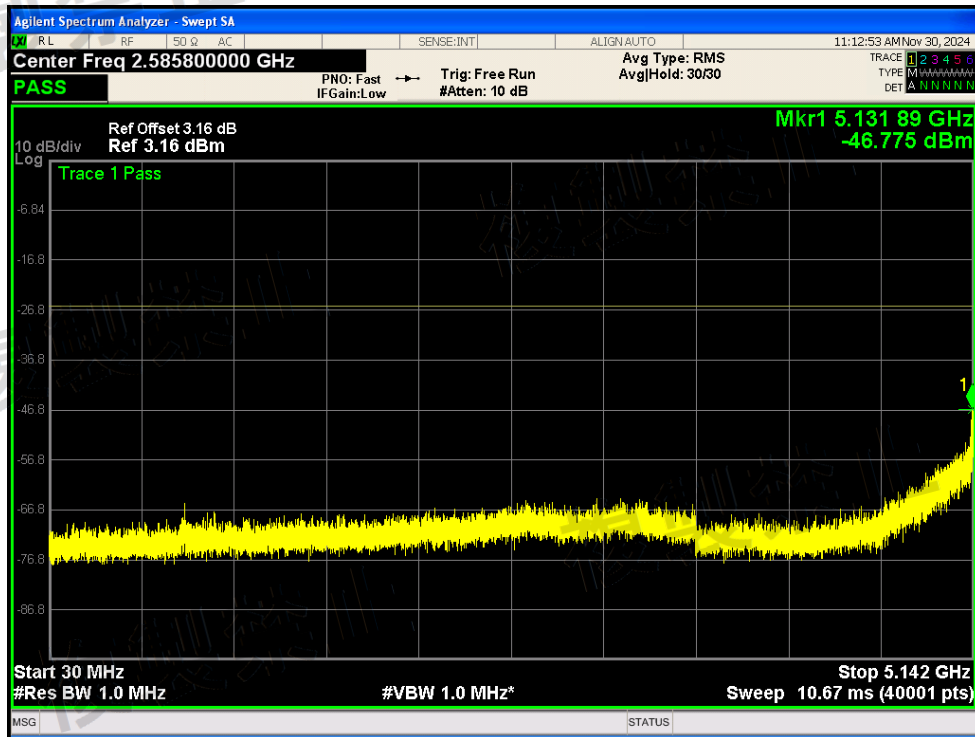
Tx. Spurious NVNT n20 5240MHz Ant1 @ 5260MHz-5266.7MHz



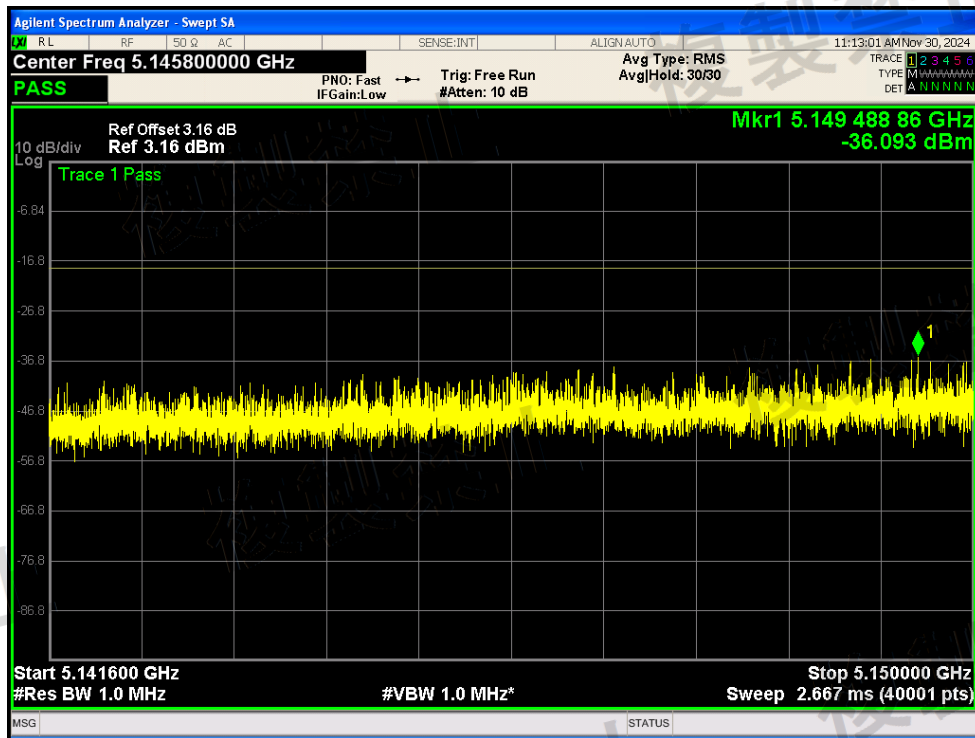
Tx. Spurious NVNT n20 5240MHz Ant1 @ 5266.7MHz-26000MHz



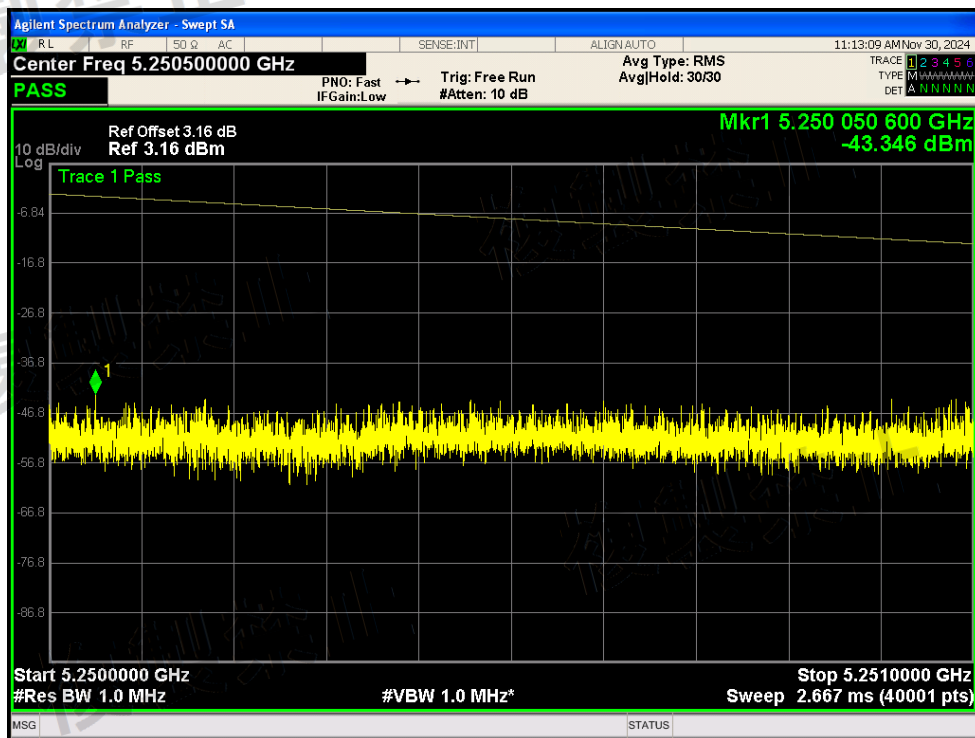
Tx. Spurious NVNT n40 5190MHz Ant1 @ 30MHz-5141.6MHz



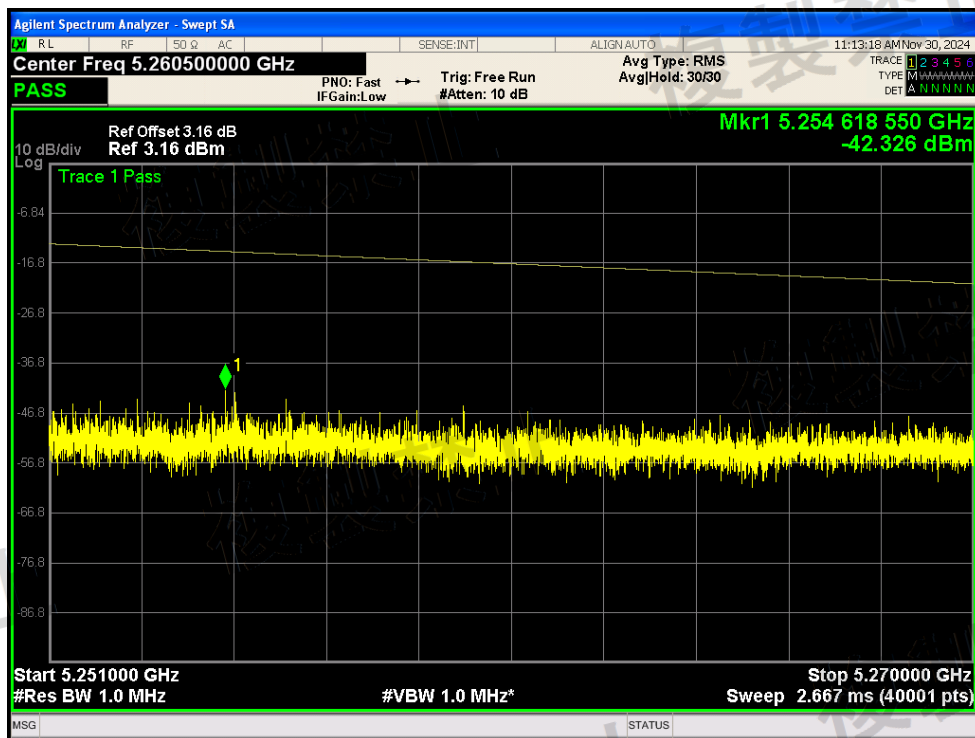
Tx. Spurious NVNT n40 5190MHz Ant1 @ 5141.6MHz-5150MHz



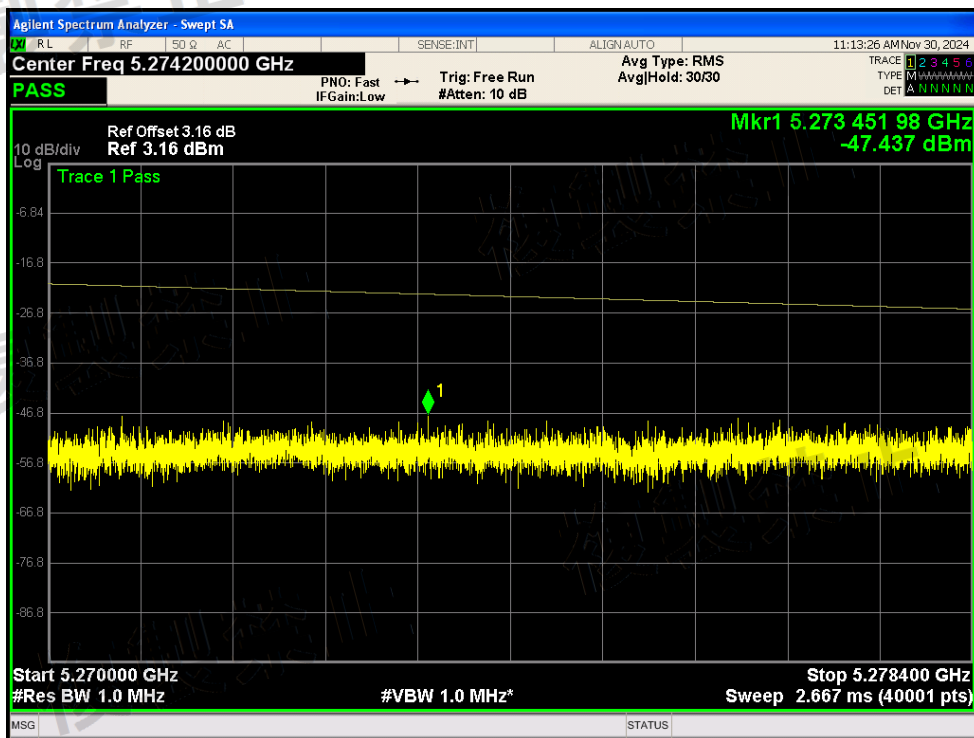
Tx. Spurious NVNT n40 5190MHz Ant1 @ 5250MHz-5251MHz



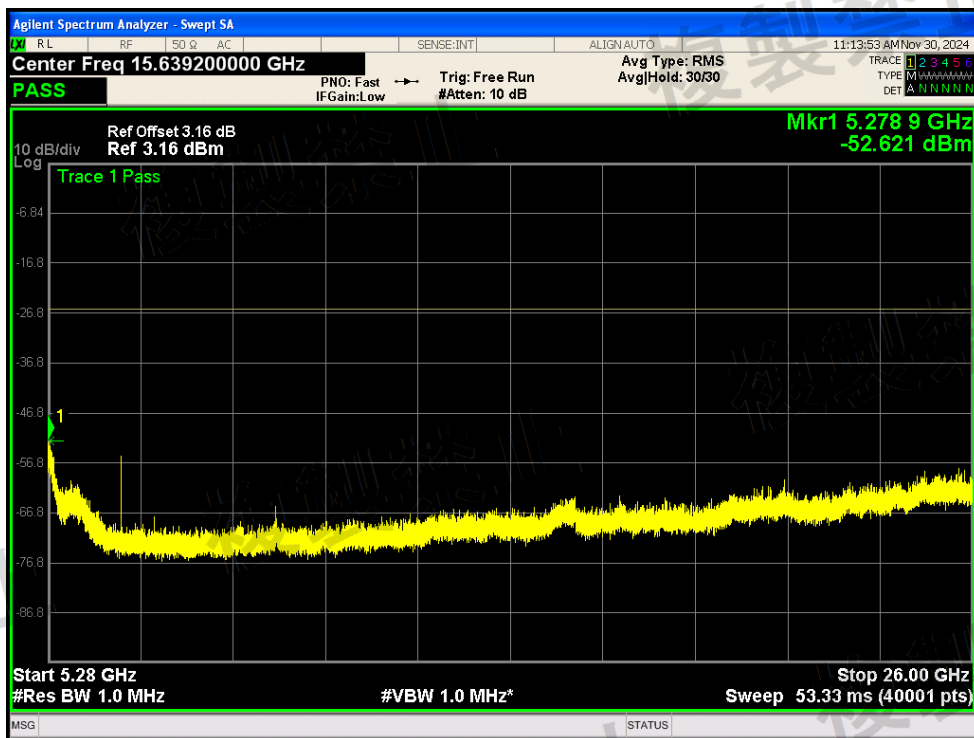
Tx. Spurious NVNT n40 5190MHz Ant1 @ 5251MHz-5270MHz



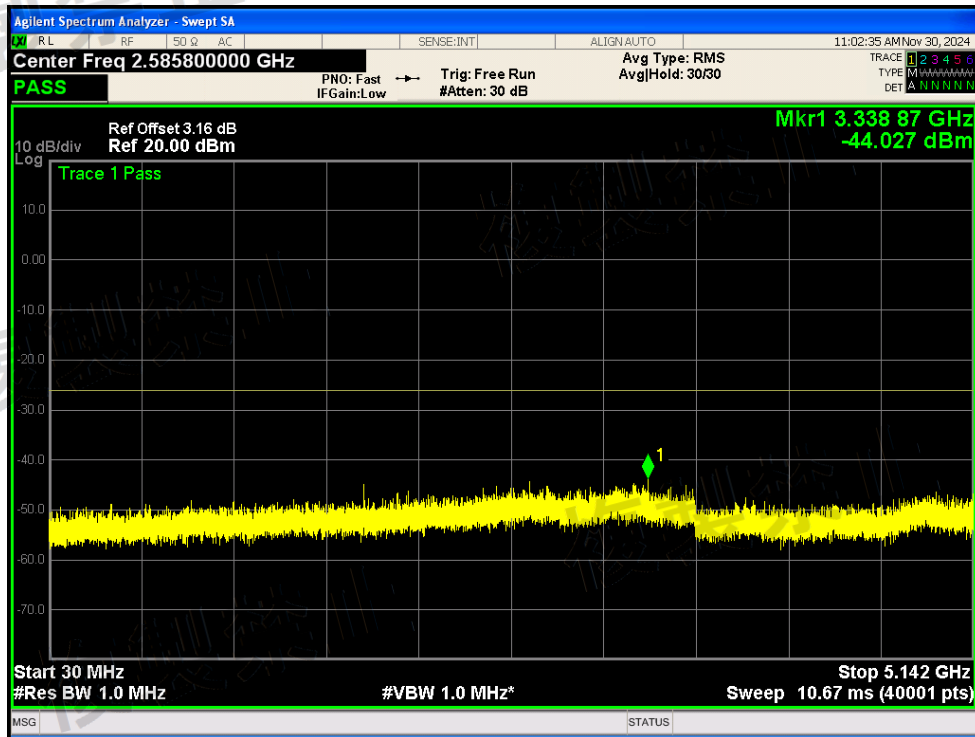
Tx. Spurious NVNT n40 5190MHz Ant1 @ 5270MHz-5278.4MHz



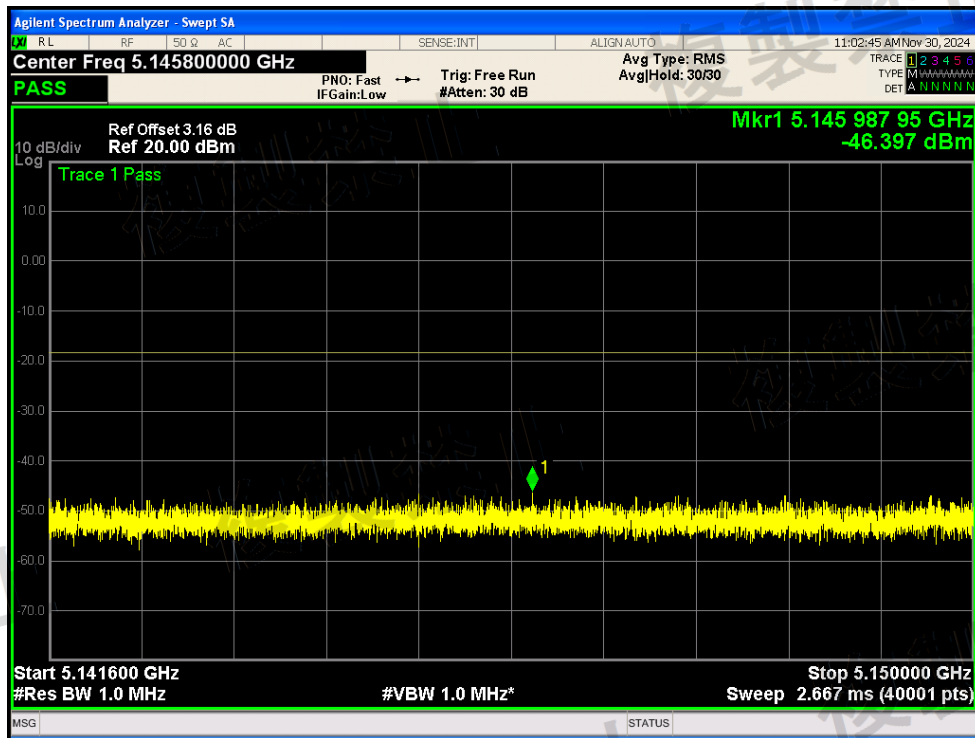
Tx. Spurious NVNT n40 5190MHz Ant1 @ 5278.4MHz-26000MHz



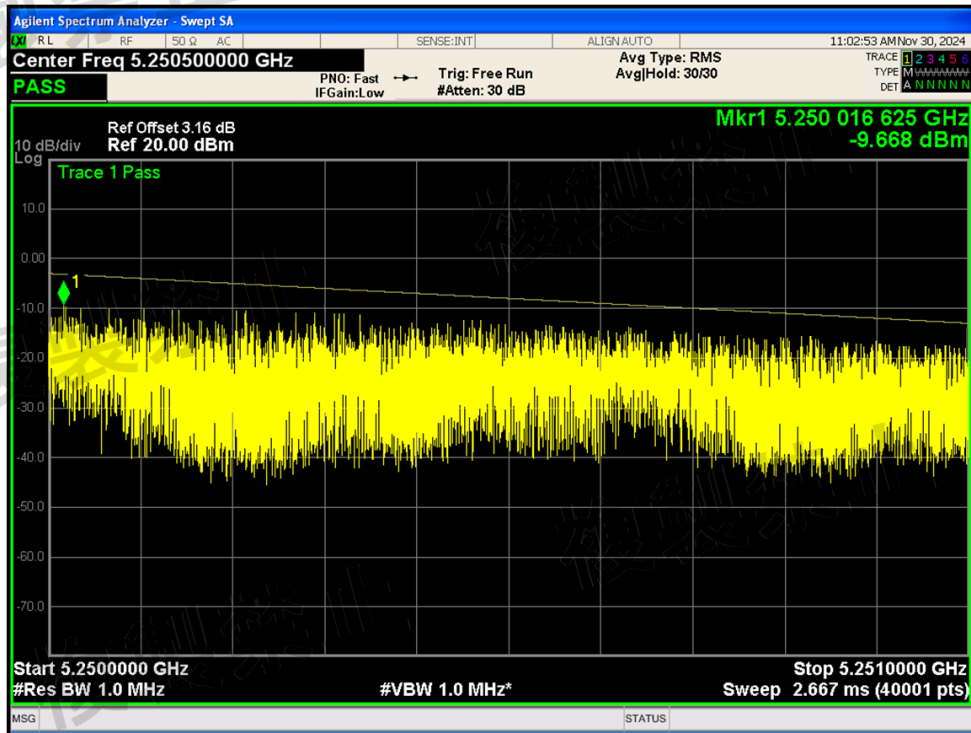
Tx. Spurious NVNT n40 5230MHz Ant1 @ 30MHz-5141.6MHz



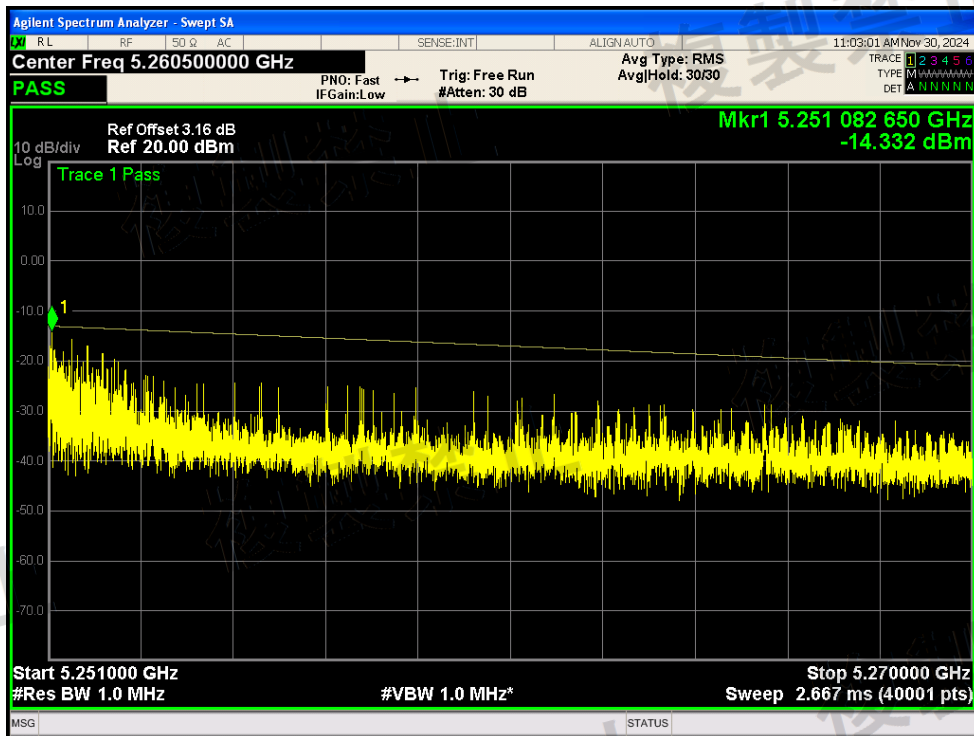
Tx. Spurious NVNT n40 5230MHz Ant1 @ 5141.6MHz-5150MHz



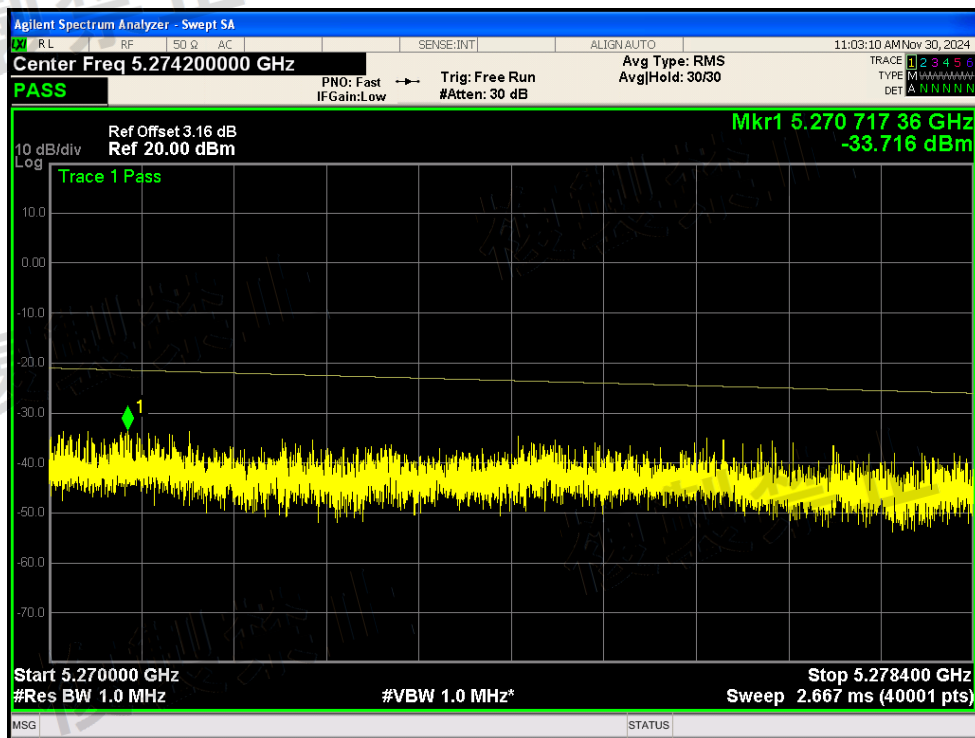
Tx. Spurious NVNT n40 5230MHz Ant1 @ 5250MHz-5251MHz



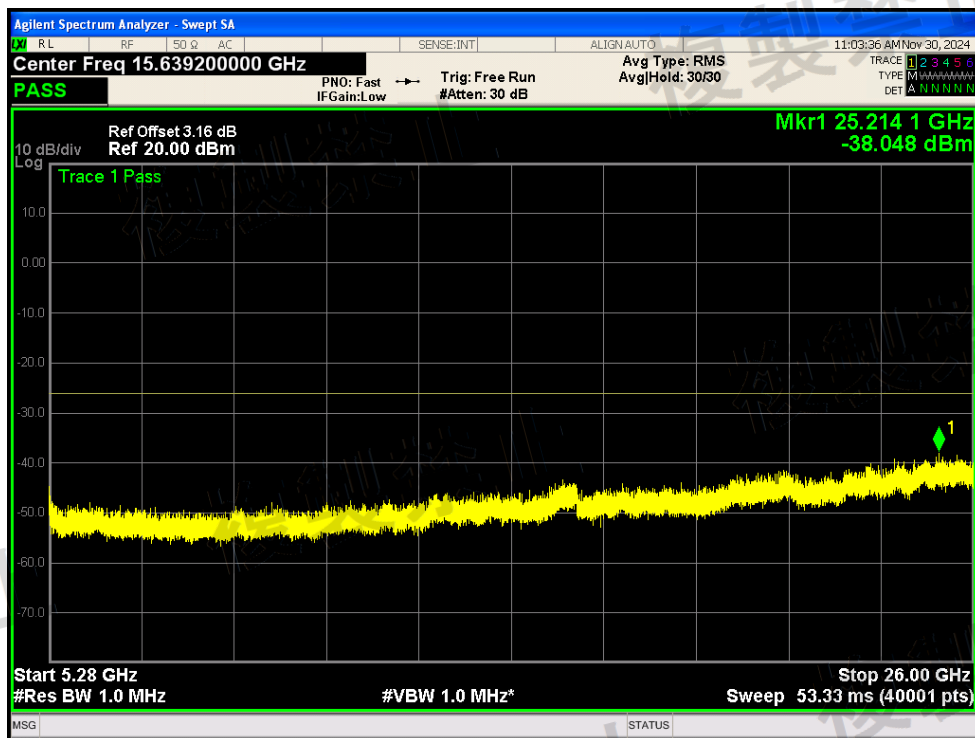
Tx. Spurious NVNT n40 5230MHz Ant1 @ 5251MHz-5270MHz



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



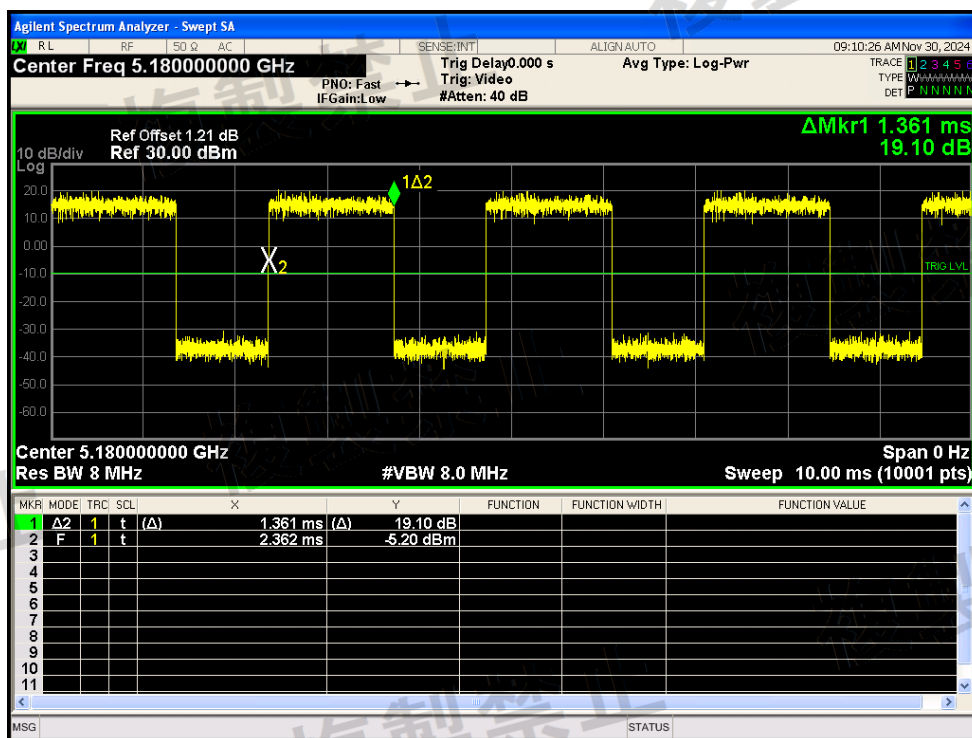
Tx. Spurious NVNT n40 5230MHz Ant1 @ 5278.4MHz-26000MHz



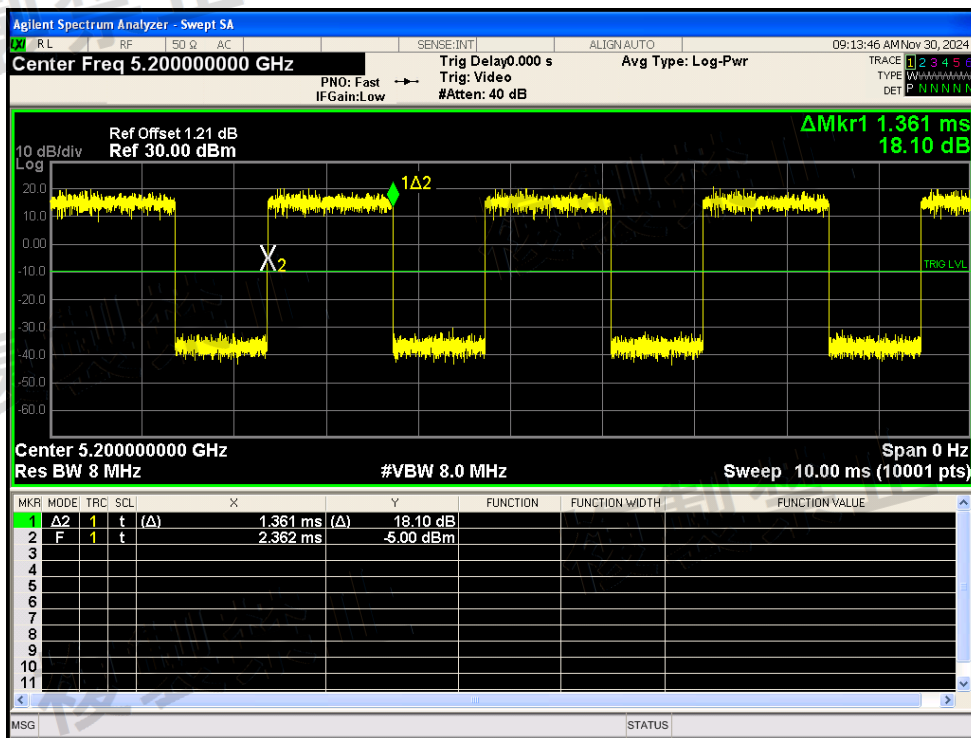
Burst Length

Condition	Mode	Frequency (MHz)	Antenna	Burst Length (ms)	Limit (ms)	Verdict
NVNT	a	Ant1	5180	1.361	8	Pass
NVNT	a	Ant1	5200	1.361	8	Pass
NVNT	a	Ant1	5240	1.361	8	Pass
NVNT	ac20	Ant1	5180	1.277	8	Pass
NVNT	ac20	Ant1	5200	1.277	8	Pass
NVNT	ac20	Ant1	5240	1.278	8	Pass
NVNT	ac40	Ant1	5190	0.638	8	Pass
NVNT	ac40	Ant1	5230	0.638	8	Pass
NVNT	ac80	Ant1	5210	0.317	8	Pass
NVNT	n20	Ant1	5180	1.274	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	0.633	8	Pass

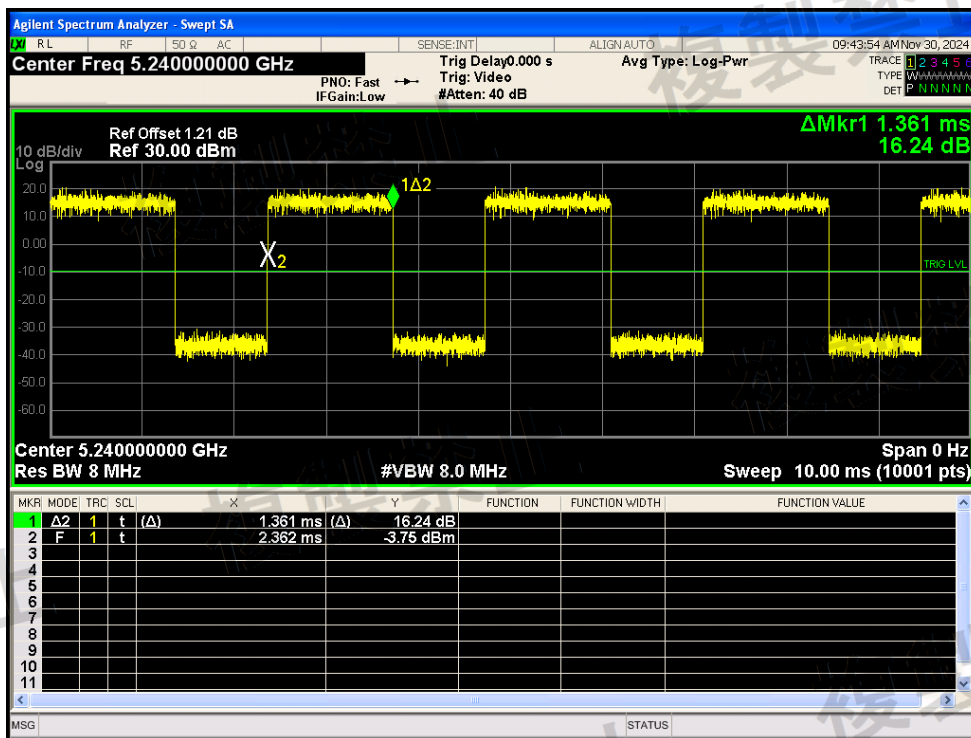
Burst Length NVNT a 5180MHz Ant1



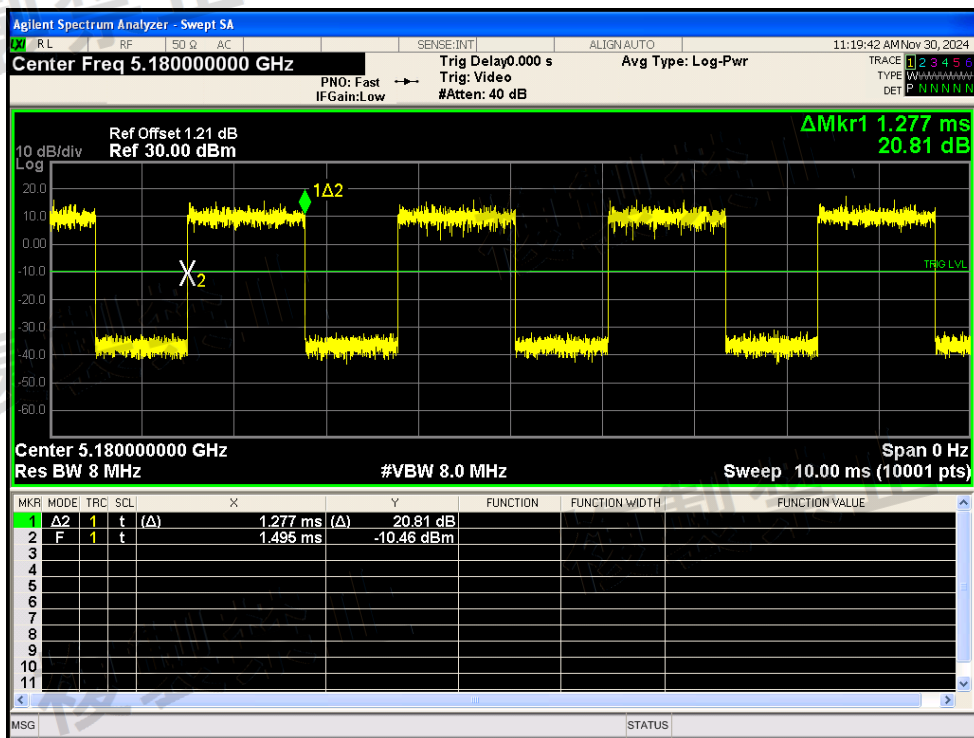
Burst Length NVNT a 5200MHz Ant1



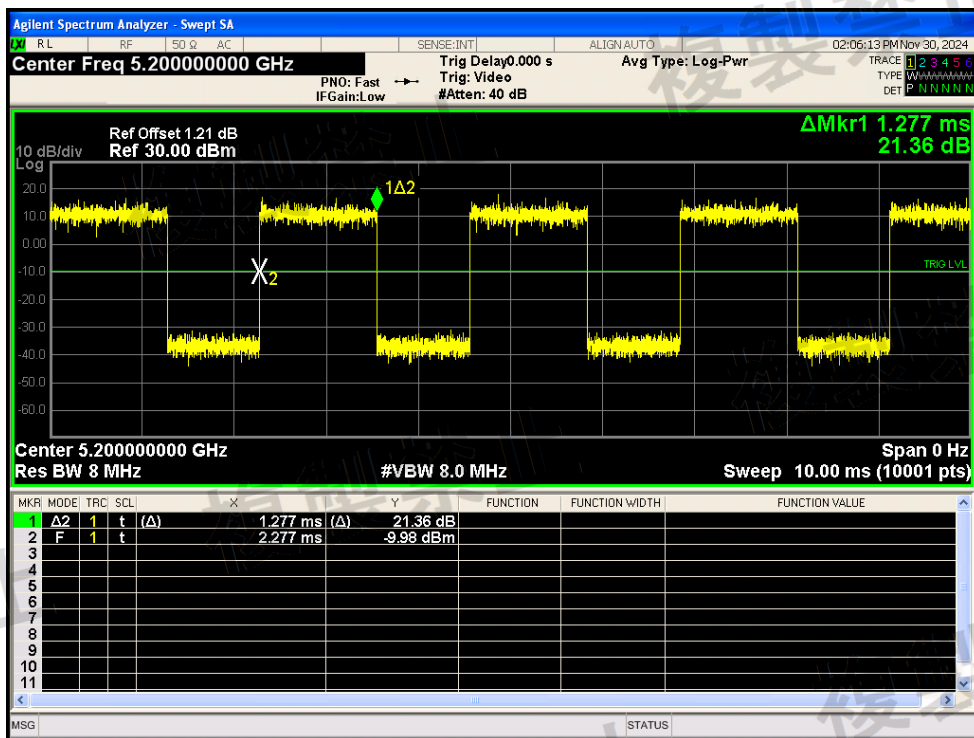
Burst Length NVNT a 5240MHz Ant1



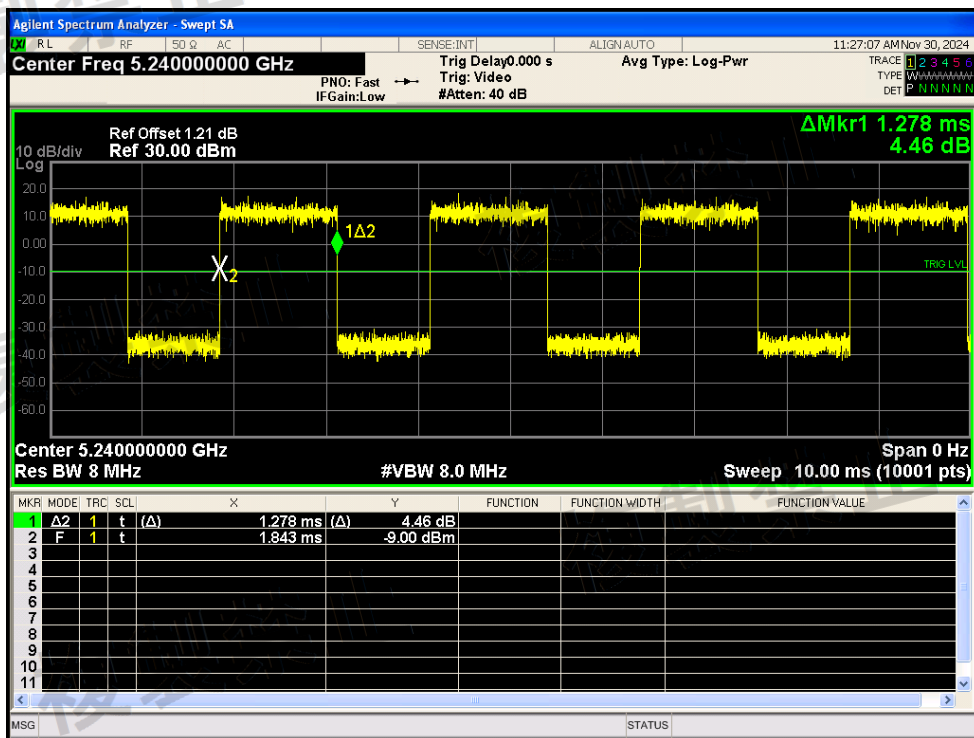
Burst Length NVNT ac20 5180MHz Ant1



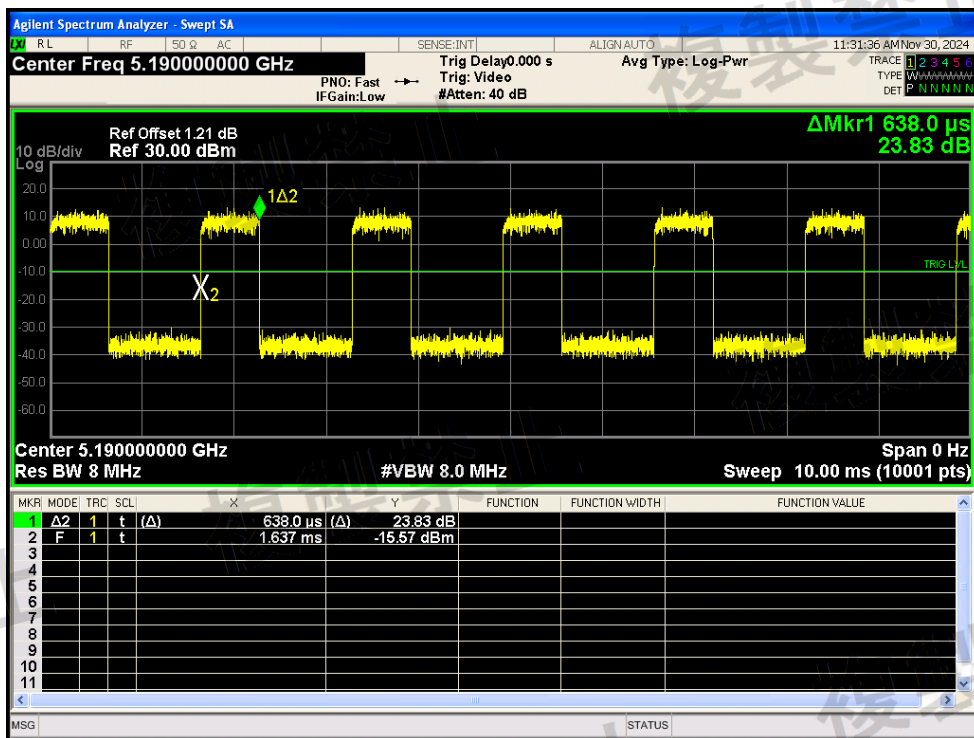
Burst Length NVNT ac20 5200MHz Ant1



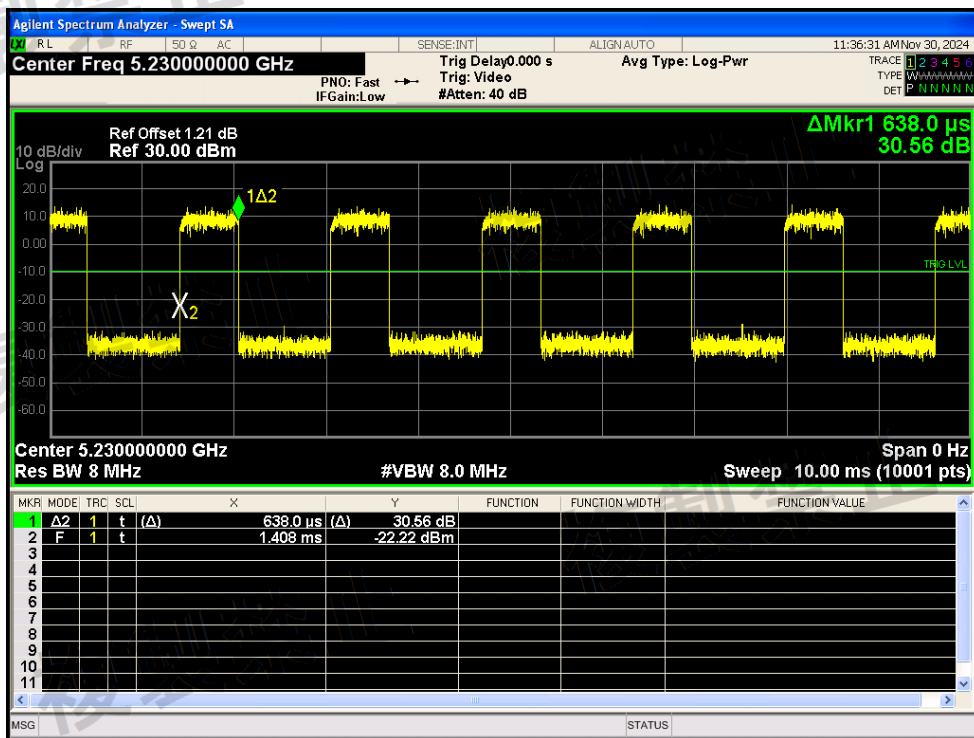
Burst Length NVNT ac20 5240MHz Ant1



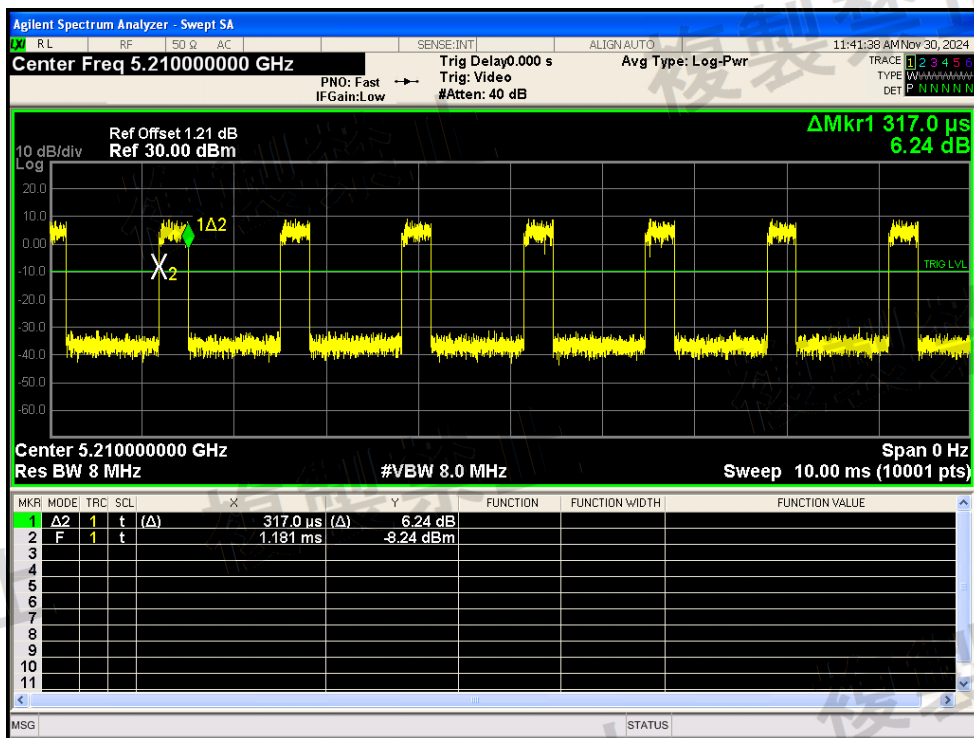
Burst Length NVNT ac40 5190MHz Ant1



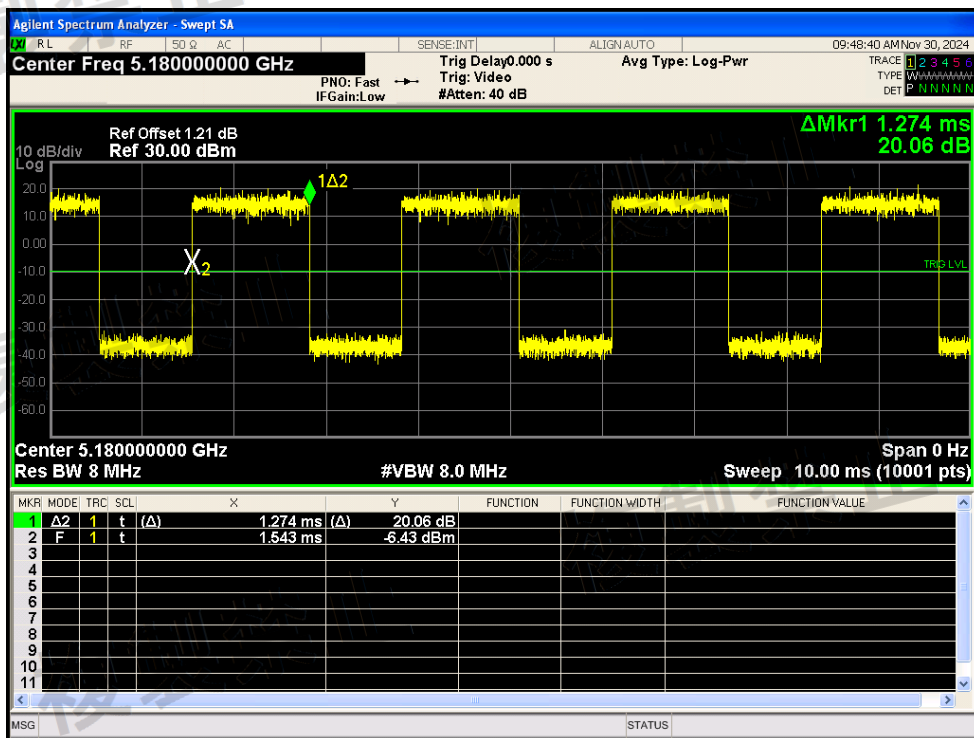
Burst Length NVNT ac40 5230MHz Ant1



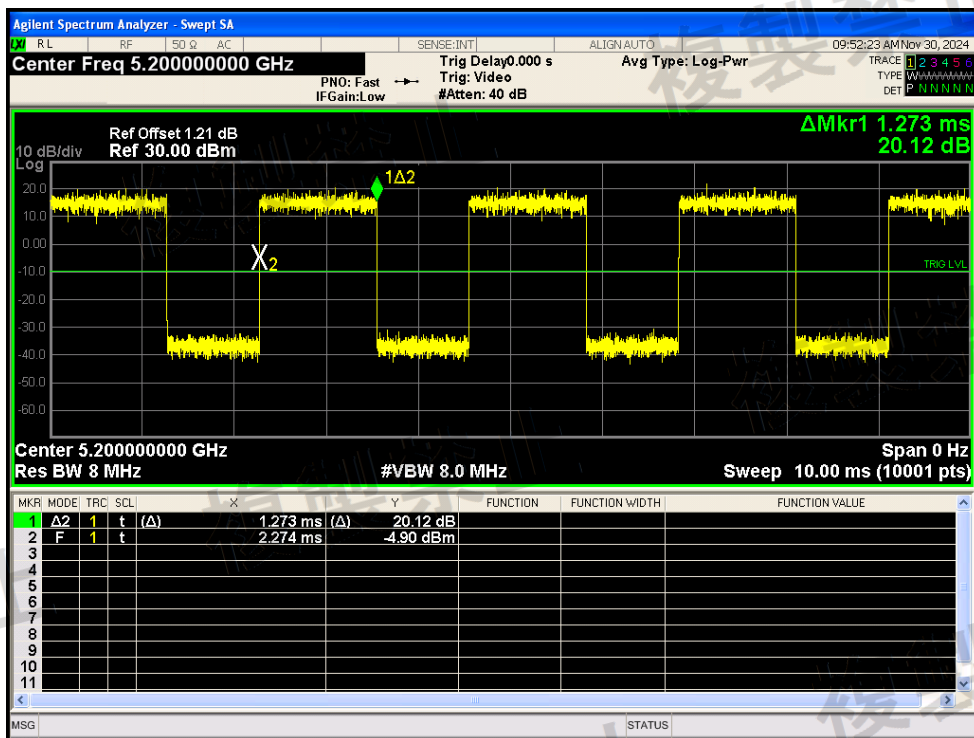
Burst Length NVNT ac80 5210MHz Ant1



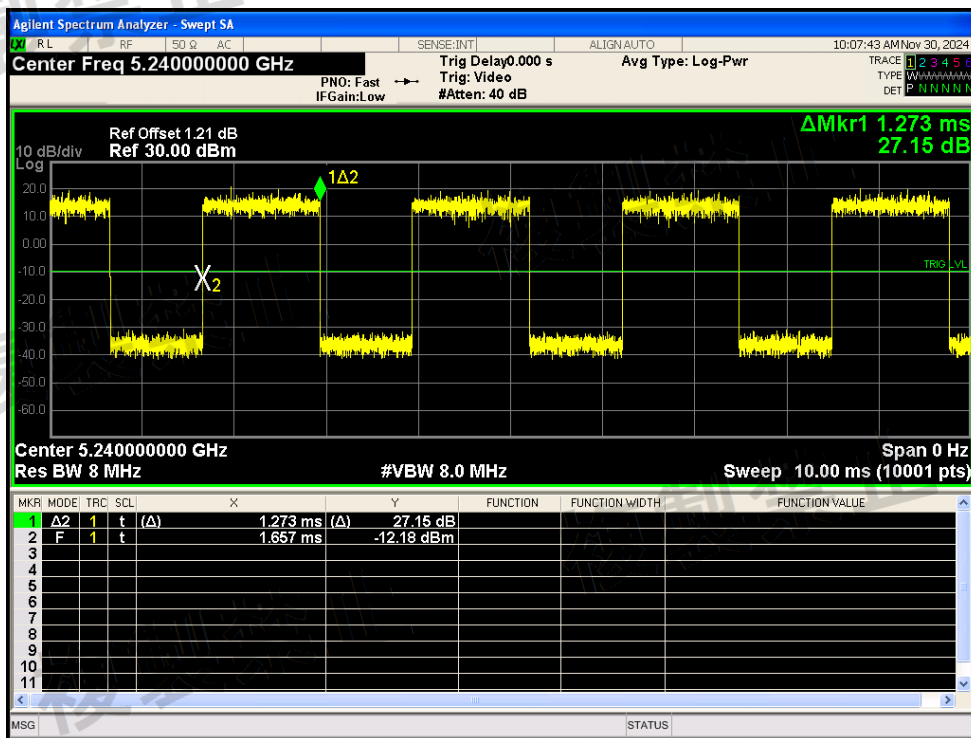
Burst Length NVNT n20 5180MHz Ant1



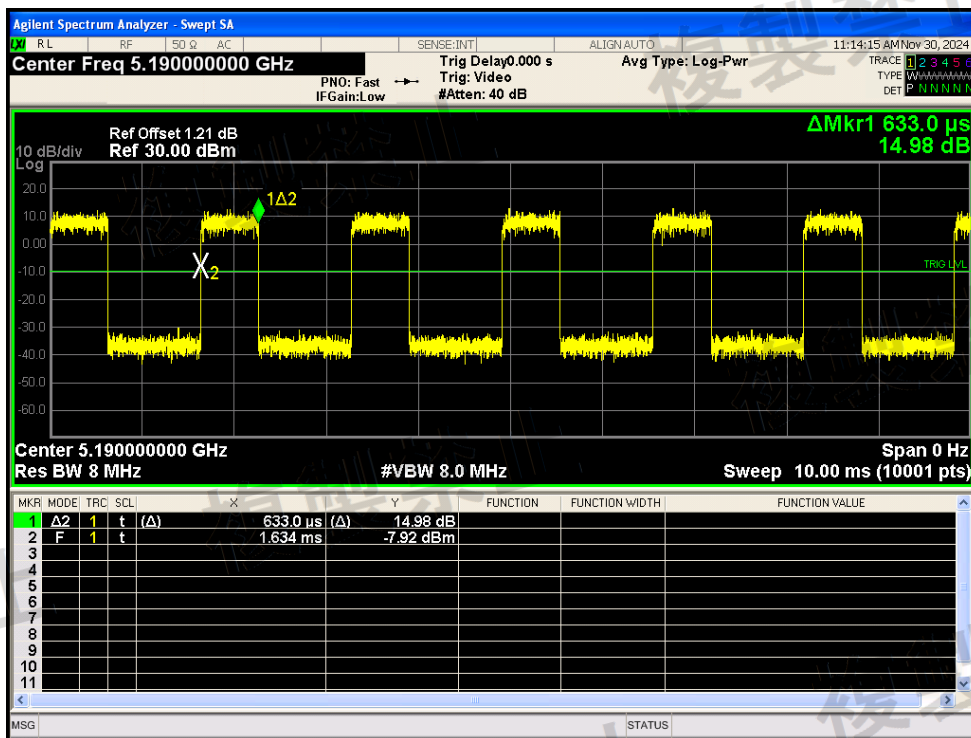
Burst Length NVNT n20 5200MHz Ant1



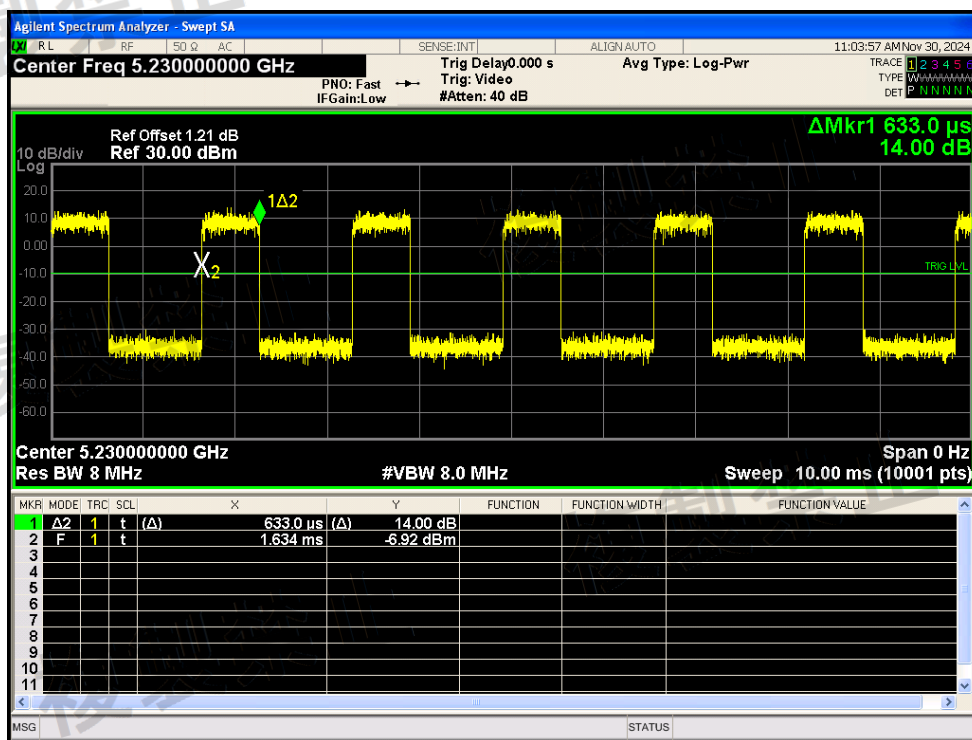
Burst Length NVNT n20 5240MHz Ant1



Burst Length NVNT n40 5190MHz Ant1



Burst Length NVNT n40 5230MHz Ant1

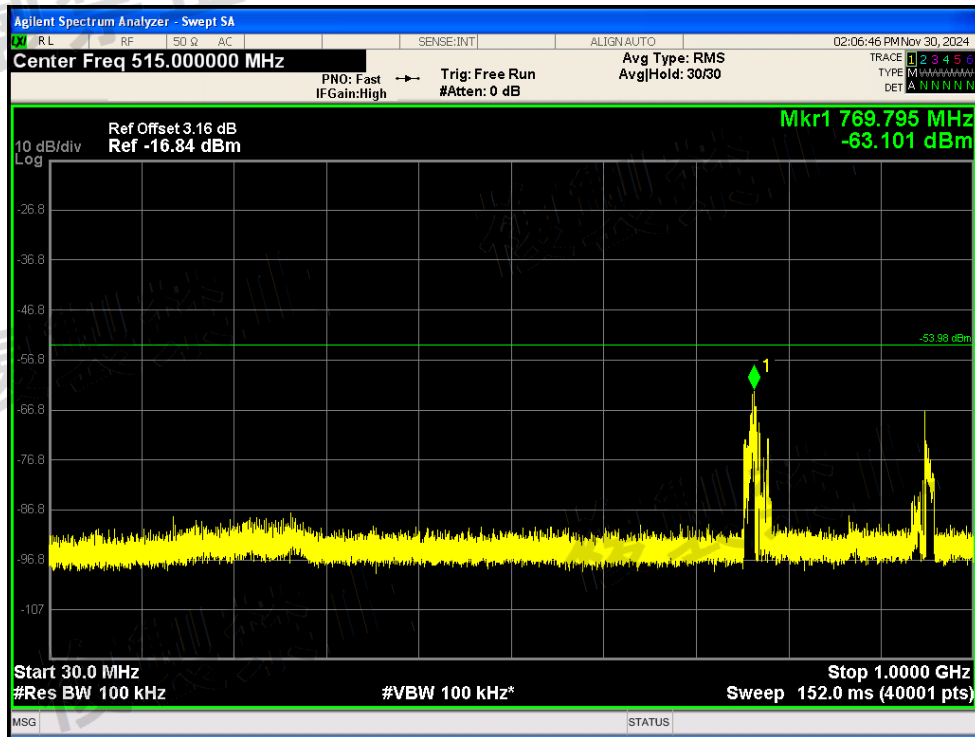


Rx Spurious Emission

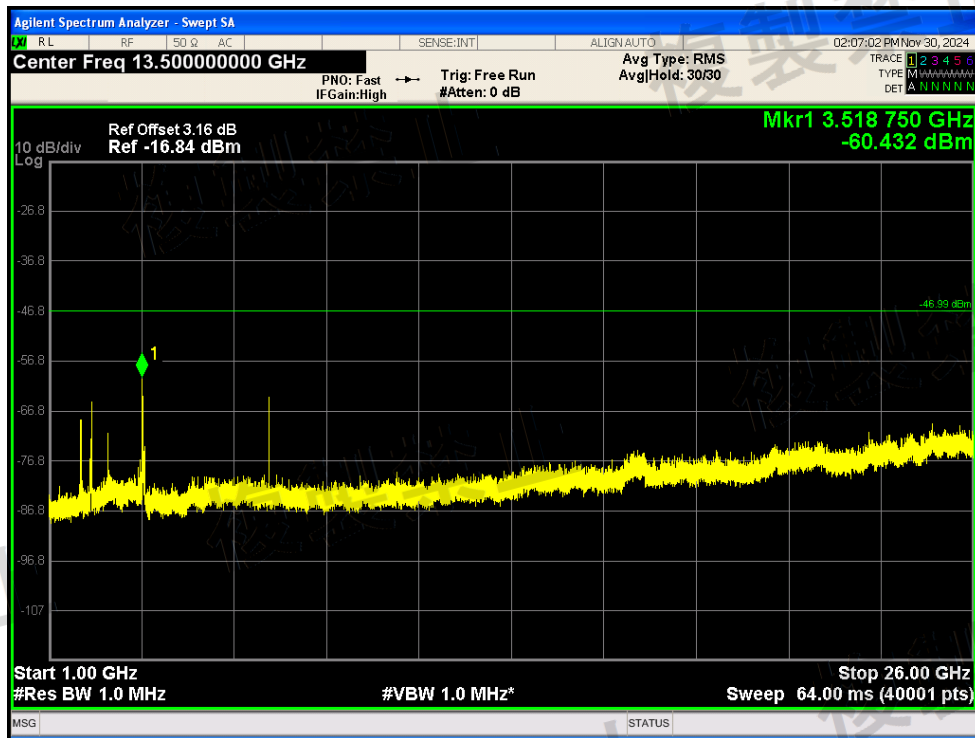
Note: This test has increased antenna gain .

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Max Value (nW)	Limit (nW)	Verdict
NVNT	a	5180	Ant1	30-1000	769.79	-63.1	0.4898	4	Pass
NVNT	a	5180	Ant1	1000-26000	3518.75	-60.43	0.9057	20	Pass
NVNT	a	5200	Ant1	30-1000	769.87	-63.2	0.4786	4	Pass
NVNT	a	5200	Ant1	1000-26000	3509.38	-56.5	2.2387	20	Pass
NVNT	a	5240	Ant1	30-1000	769.7	-61.99	0.6324	4	Pass
NVNT	a	5240	Ant1	1000-26000	6933.13	-64.46	0.3581	20	Pass
NVNT	ac20	5180	Ant1	30-1000	290.69	-86.86	0.0021	4	Pass
NVNT	ac20	5180	Ant1	1000-26000	2425.63	-60.43	0.9057	20	Pass
NVNT	ac20	5200	Ant1	30-1000	278.3	-87.03	0.002	4	Pass
NVNT	ac20	5200	Ant1	1000-26000	6933.13	-64.25	0.3758	20	Pass
NVNT	ac20	5240	Ant1	30-1000	240.42	-87.23	0.0019	4	Pass
NVNT	ac20	5240	Ant1	1000-26000	6933.13	-64.39	0.3639	20	Pass
NVNT	ac40	5190	Ant1	30-1000	242.84	-87.22	0.0019	4	Pass
NVNT	ac40	5190	Ant1	1000-26000	6933.13	-64.63	0.3443	20	Pass
NVNT	ac40	5230	Ant1	30-1000	245.36	-87.2	0.0019	4	Pass
NVNT	ac40	5230	Ant1	1000-26000	6933.13	-64.18	0.3819	20	Pass
NVNT	ac80	5210	Ant1	30-1000	285.74	-87.45	0.0018	4	Pass
NVNT	ac80	5210	Ant1	1000-26000	6933.13	-64.51	0.354	20	Pass
NVNT	n20	5180	Ant1	30-1000	948.15	-61.2	0.7586	4	Pass
NVNT	n20	5180	Ant1	1000-26000	3569.38	-60.21	0.9528	20	Pass
NVNT	n20	5200	Ant1	30-1000	192.28	-87.12	0.0019	4	Pass
NVNT	n20	5200	Ant1	1000-26000	6933.13	-64.42	0.3614	20	Pass
NVNT	n20	5240	Ant1	30-1000	263.09	-87.81	0.0017	4	Pass
NVNT	n20	5240	Ant1	1000-26000	6933.13	-64.51	0.354	20	Pass
NVNT	n40	5190	Ant1	30-1000	285.67	-86.37	0.0023	4	Pass
NVNT	n40	5190	Ant1	1000-26000	2479.38	-64.23	0.3776	20	Pass
NVNT	n40	5230	Ant1	30-1000	278.37	-87.15	0.0019	4	Pass
NVNT	n40	5230	Ant1	1000-26000	6933.13	-64.29	0.3724	20	Pass

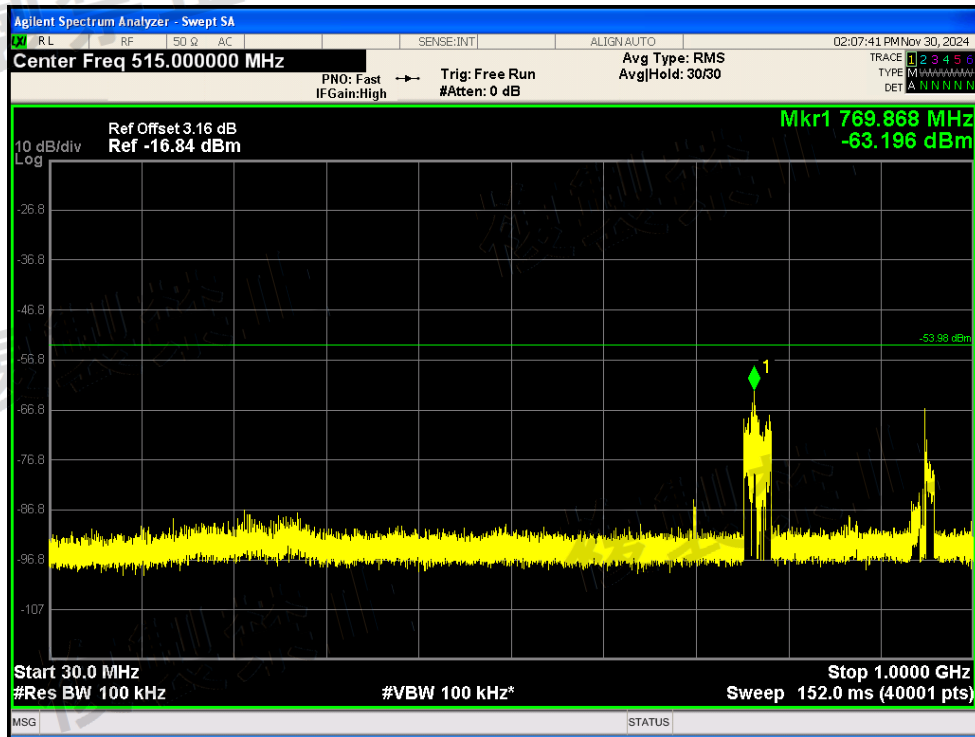
Rx. Spurious NVNT a 5180MHz Ant1 @ 30MHz-1000MHz



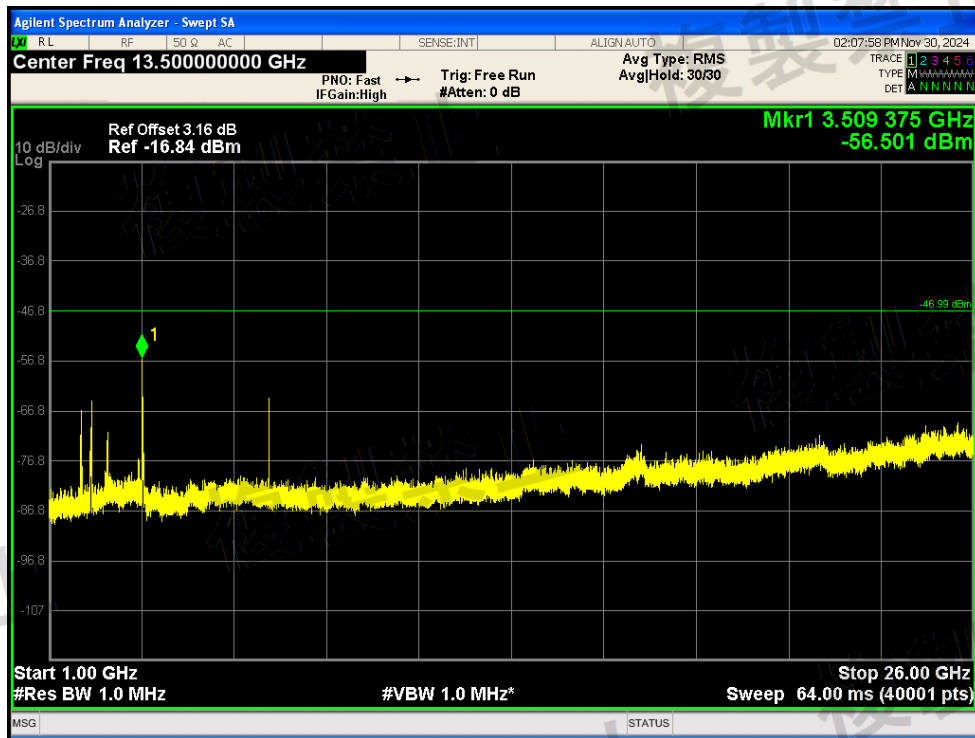
Rx. Spurious NVNT a 5180MHz Ant1 @ 1000MHz-26000MHz



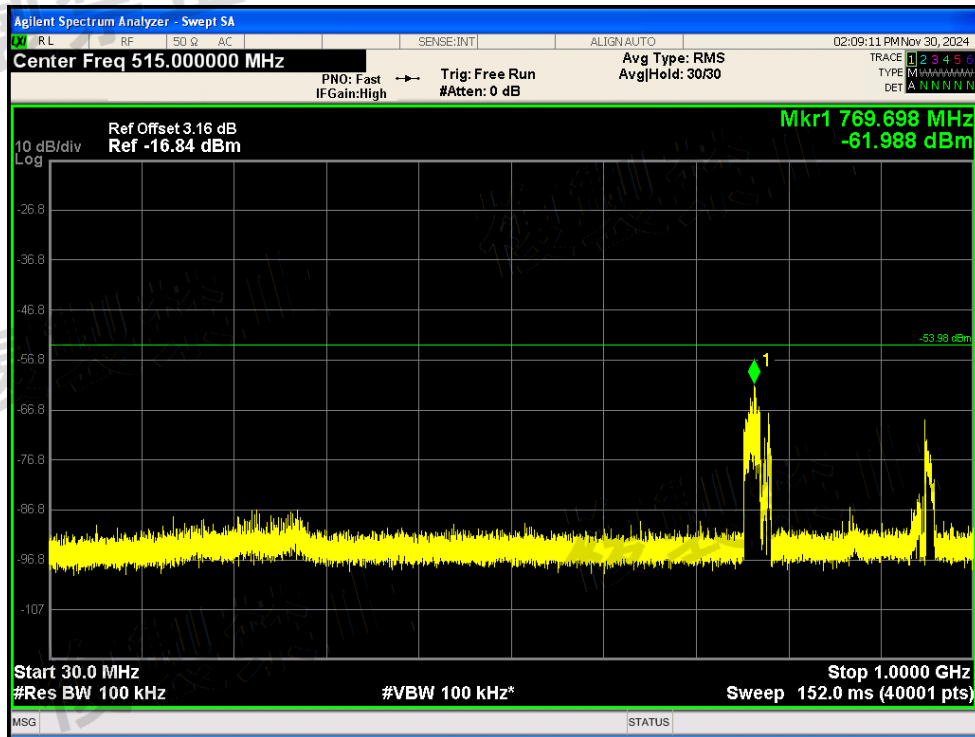
Rx. Spurious NVNT a 5200MHz Ant1 @ 30MHz-1000MHz



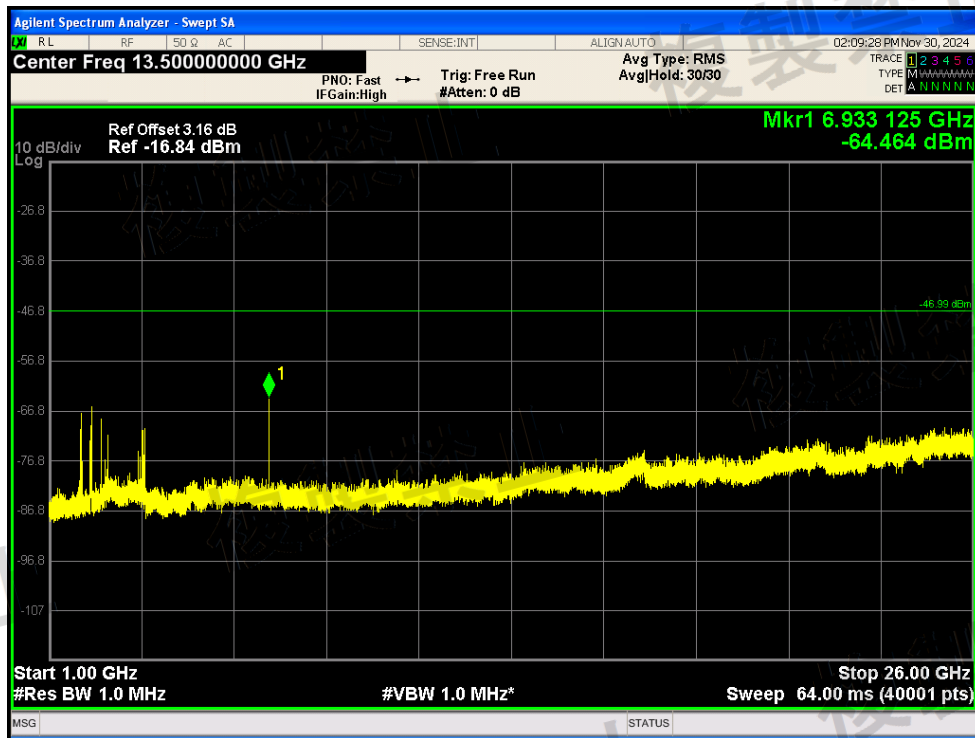
Rx. Spurious NVNT a 5200MHz Ant1 @ 1000MHz-26000MHz



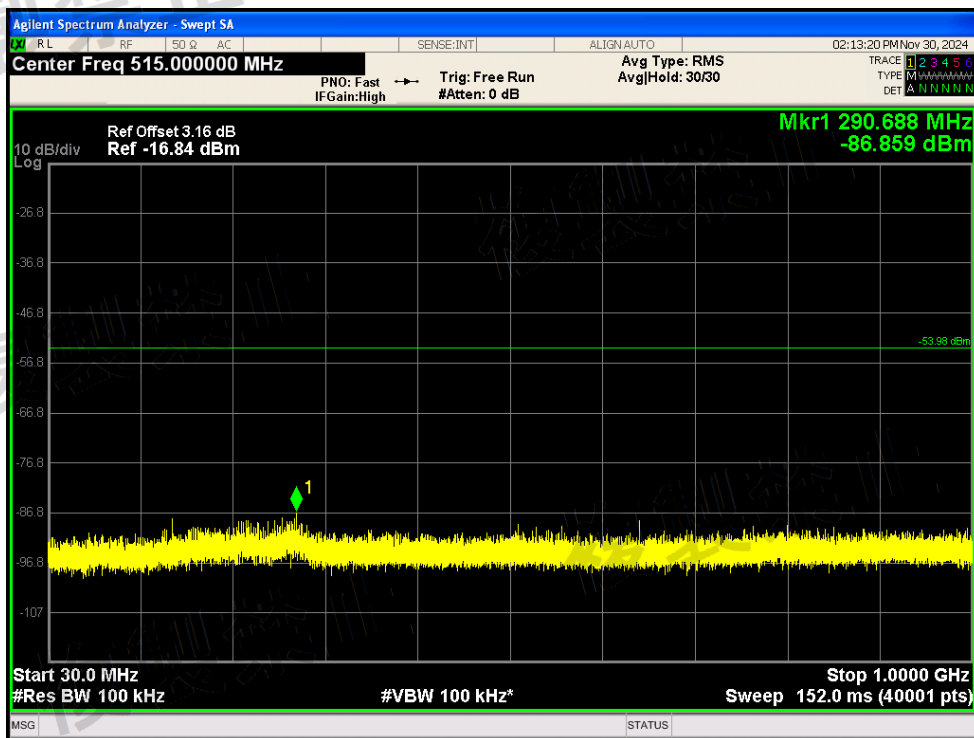
Rx. Spurious NVNT a 5240MHz Ant1 @ 30MHz-1000MHz



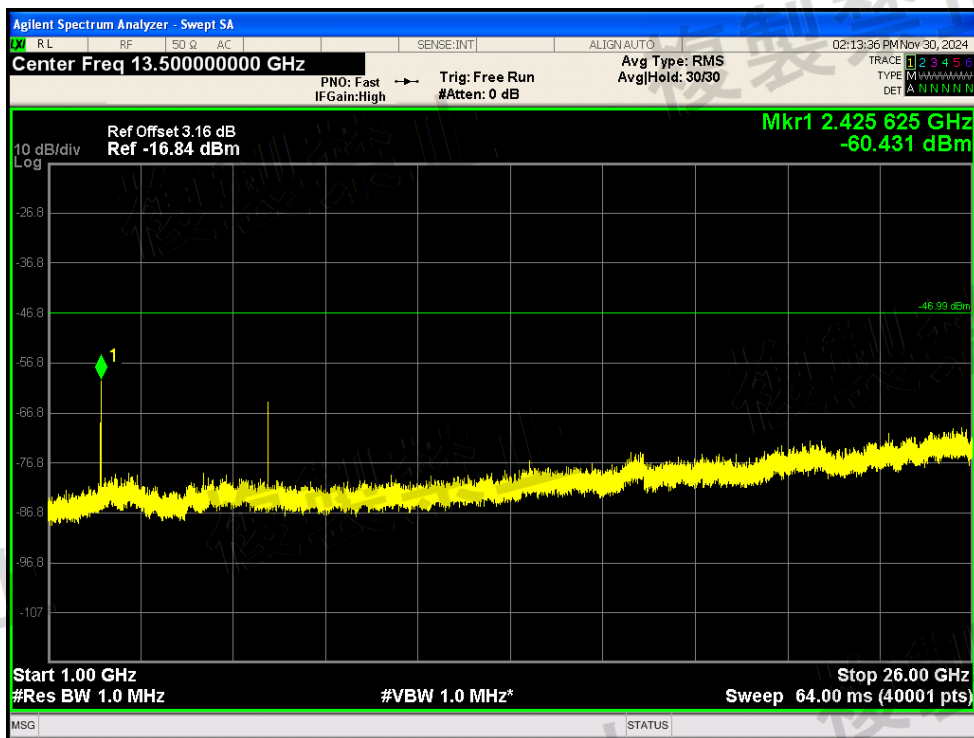
Rx. Spurious NVNT a 5240MHz Ant1 @ 1000MHz-26000MHz



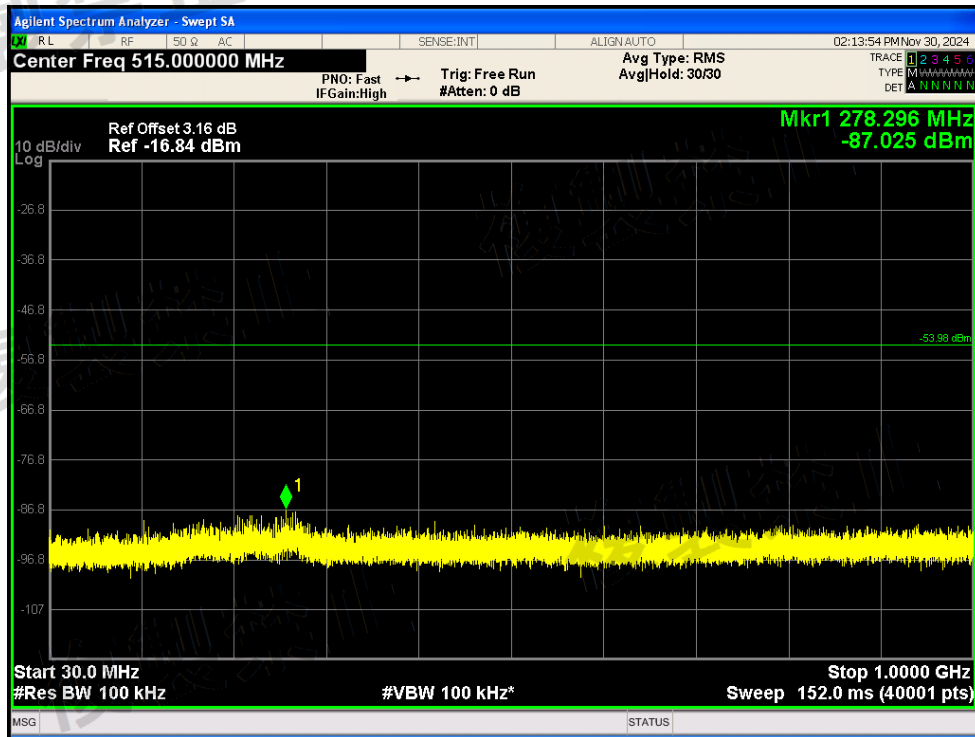
Rx. Spurious NVNT ac20 5180MHz Ant1 @ 30MHz-1000MHz



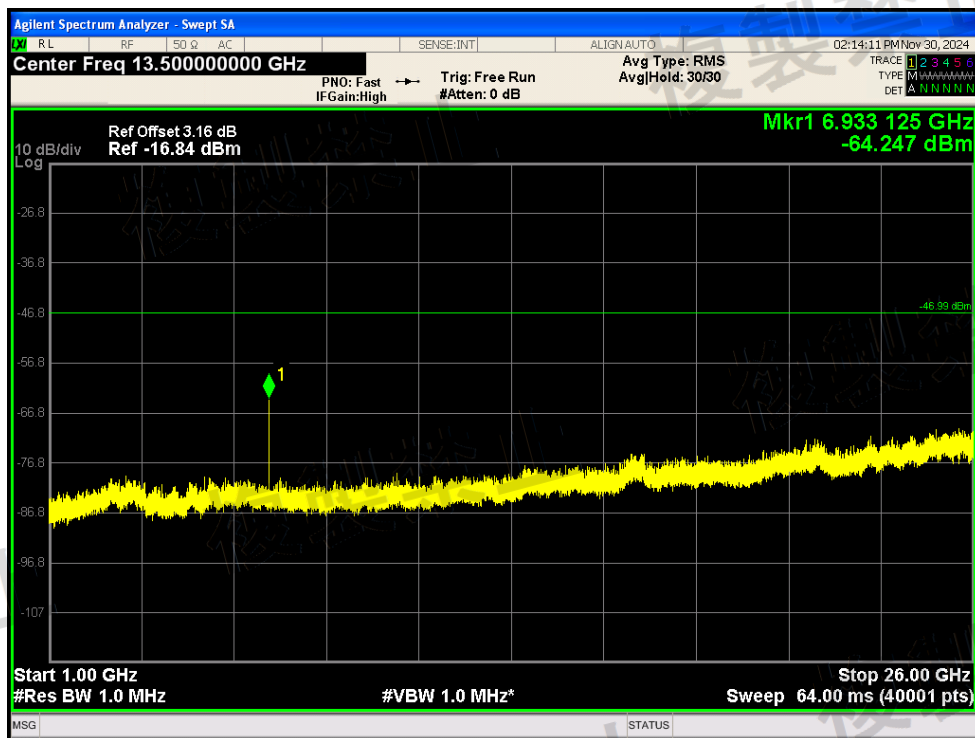
Rx. Spurious NVNT ac20 5180MHz Ant1 @ 1000MHz-26000MHz



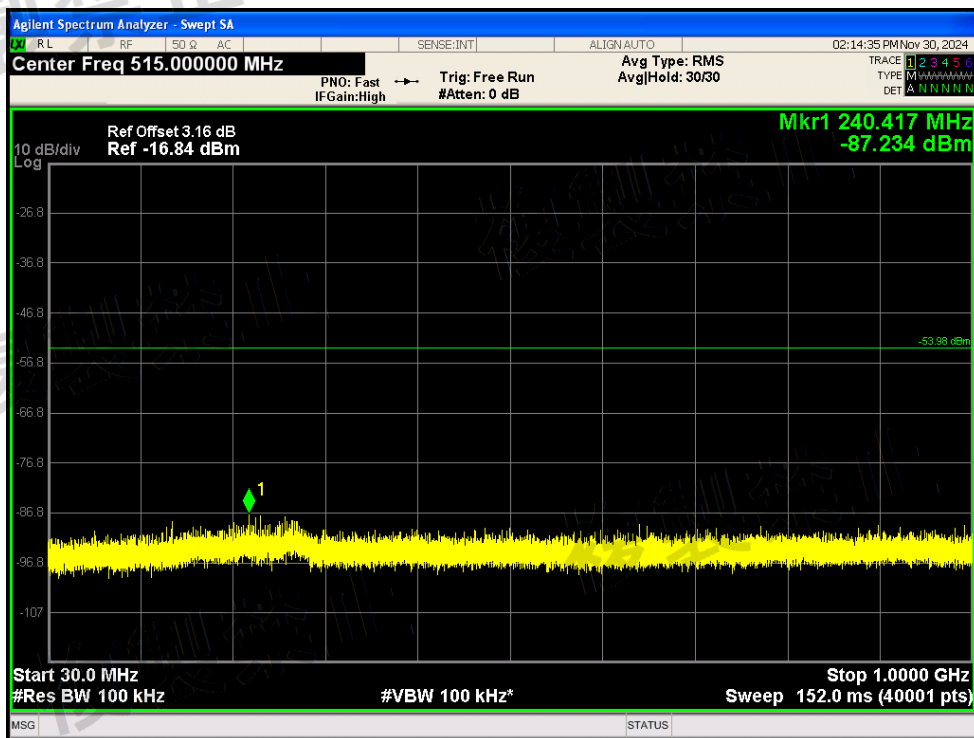
Rx. Spurious NVNT ac20 5200MHz Ant1 @ 30MHz-1000MHz



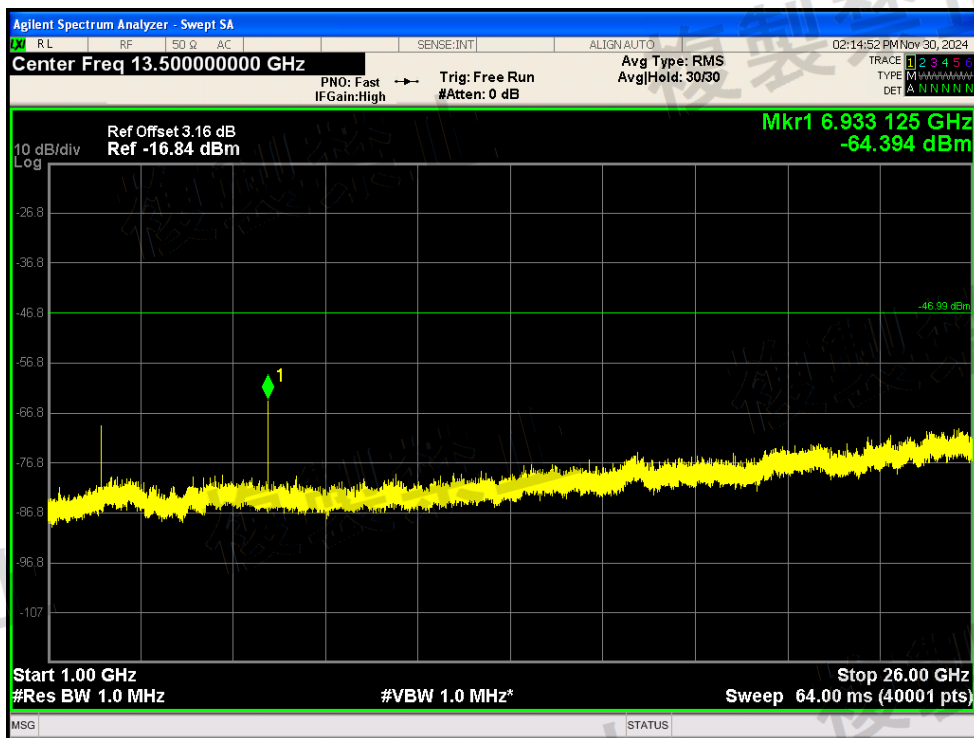
Rx. Spurious NVNT ac20 5200MHz Ant1 @ 1000MHz-26000MHz



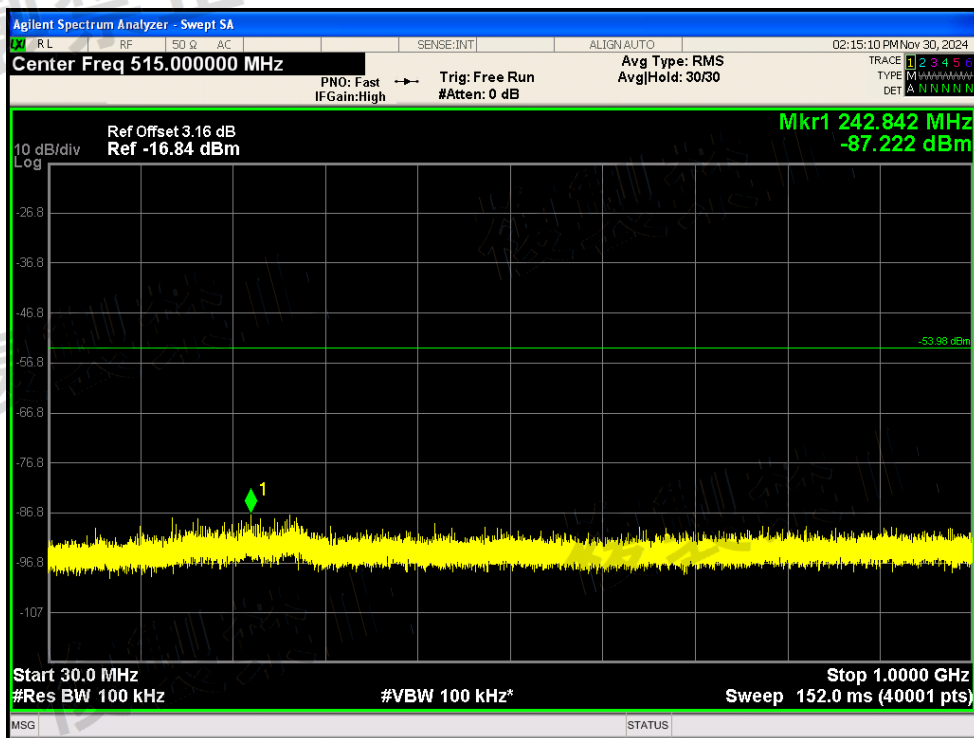
Rx. Spurious NVNT ac20 5240MHz Ant1 @ 30MHz-1000MHz



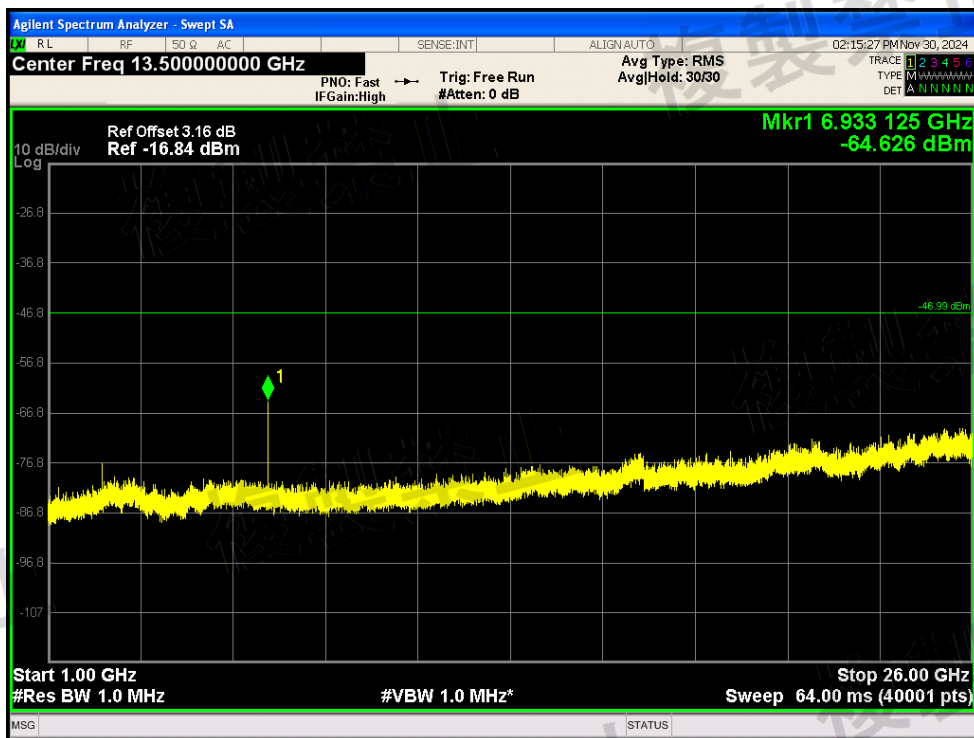
Rx. Spurious NVNT ac20 5240MHz Ant1 @ 1000MHz-26000MHz



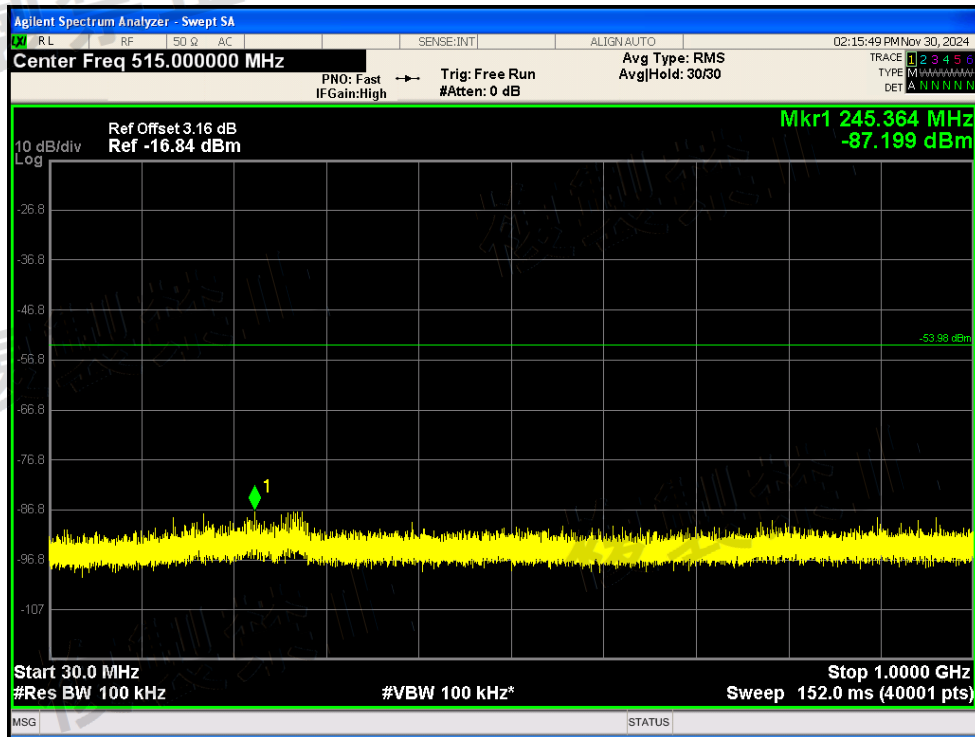
Rx. Spurious NVNT ac40 5190MHz Ant1 @ 30MHz-1000MHz



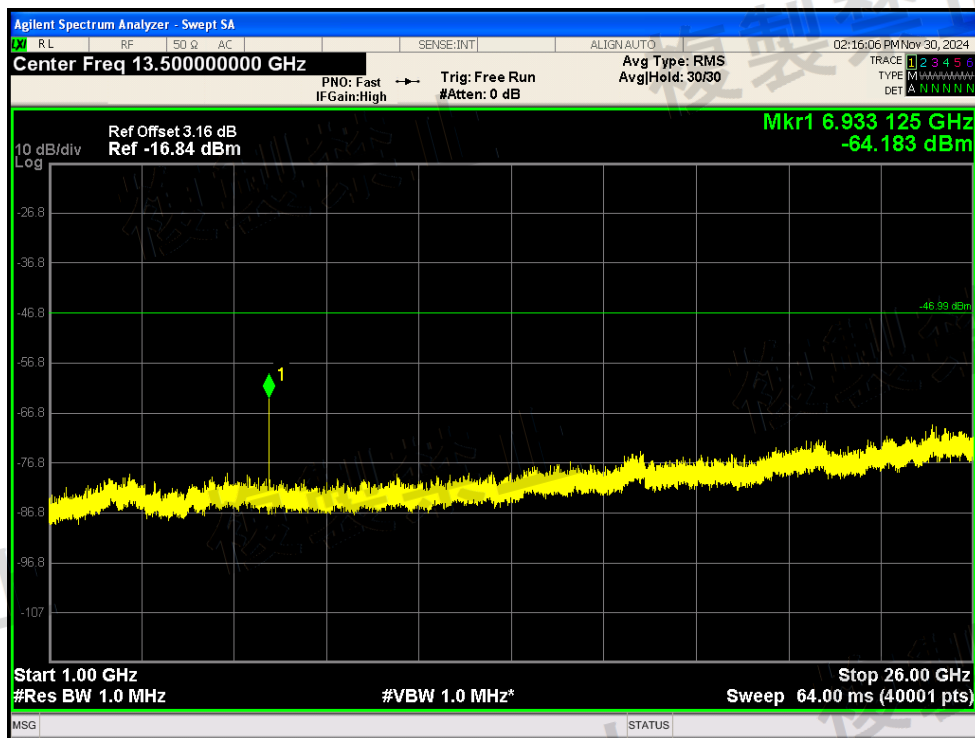
Rx. Spurious NVNT ac40 5190MHz Ant1 @ 1000MHz-26000MHz



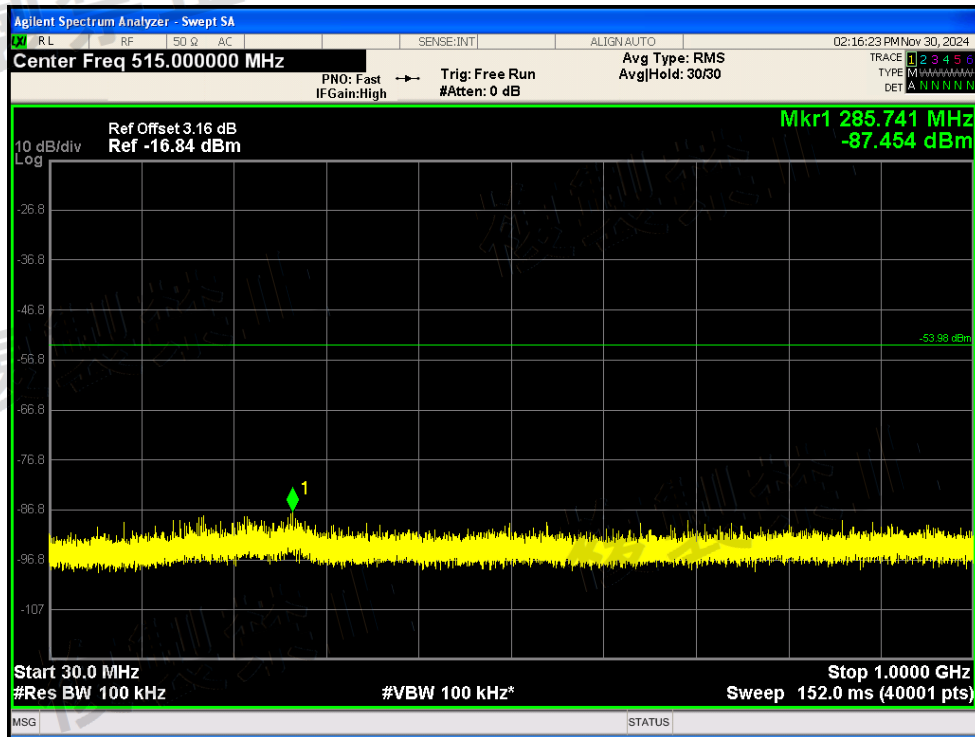
Rx. Spurious NVNT ac40 5230MHz Ant1 @ 30MHz-1000MHz



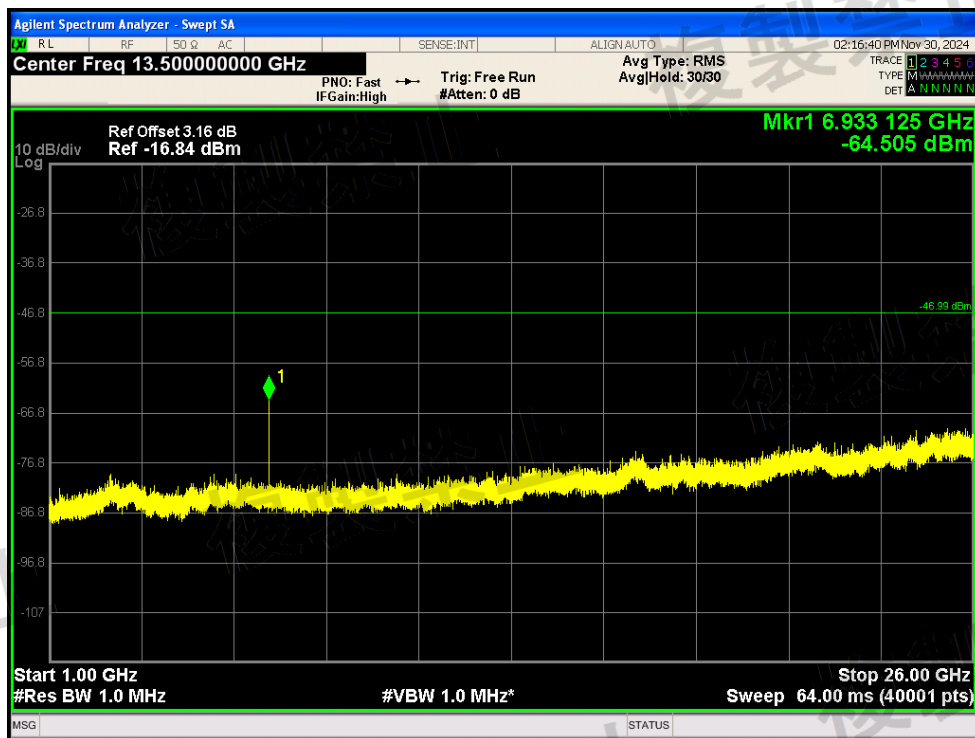
Rx. Spurious NVNT ac40 5230MHz Ant1 @ 1000MHz-26000MHz



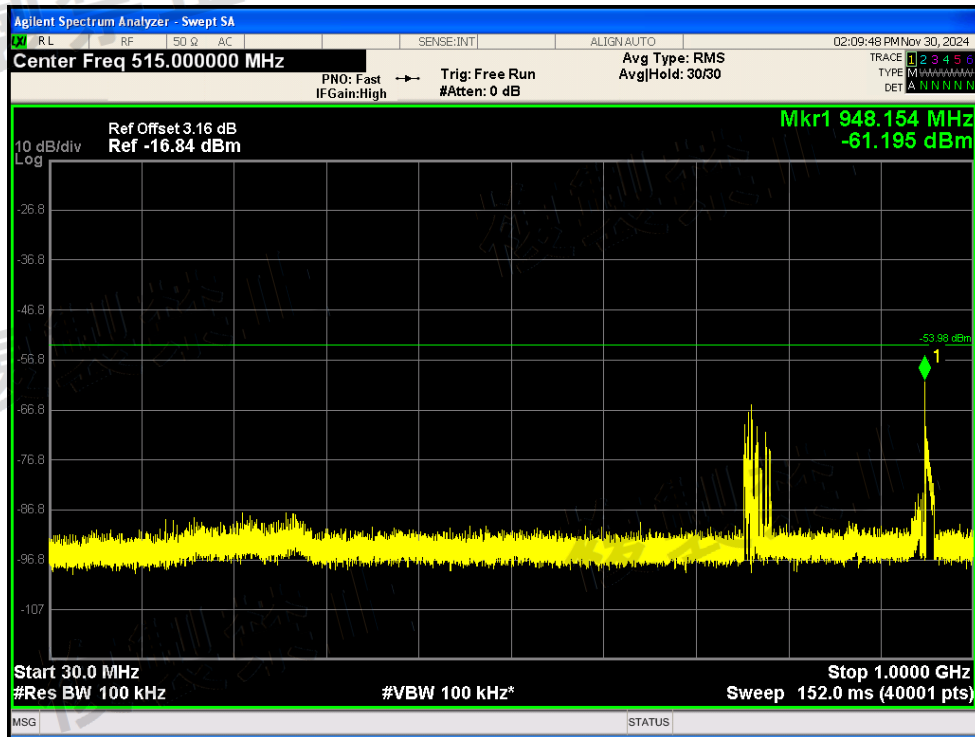
Rx. Spurious NVNT ac80 5210MHz Ant1 @ 30MHz-1000MHz



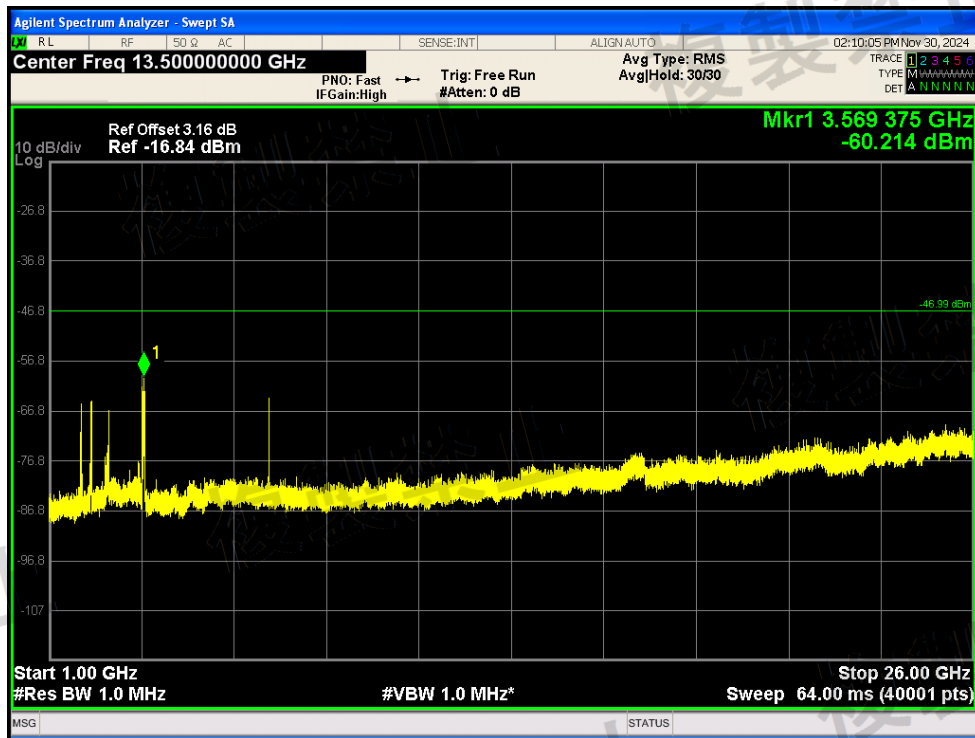
Rx. Spurious NVNT ac80 5210MHz Ant1 @ 1000MHz-26000MHz



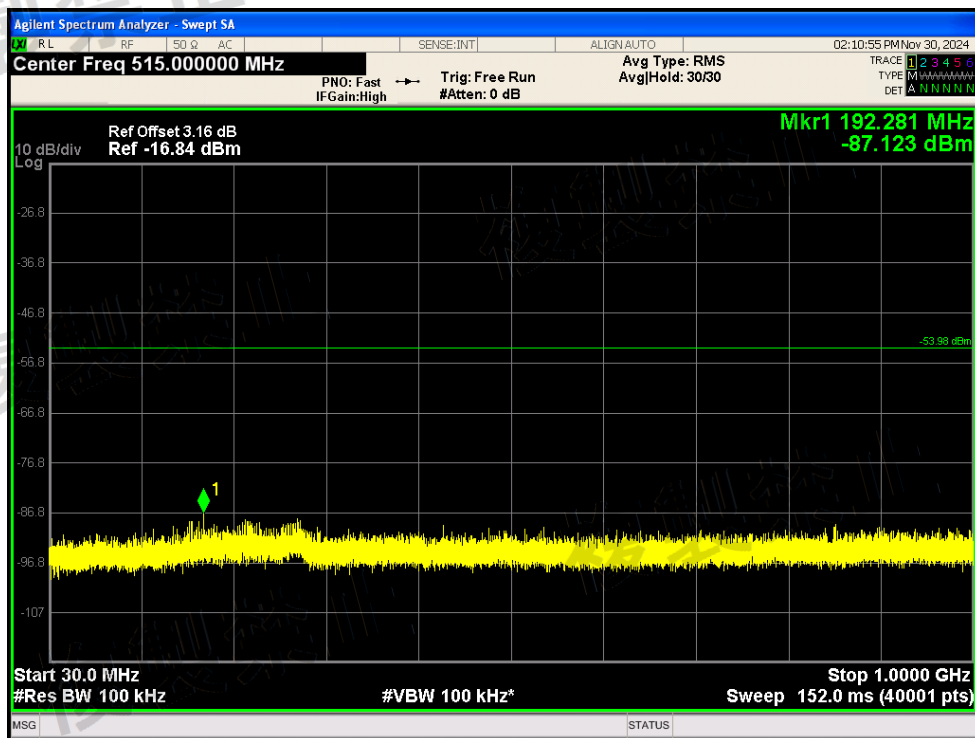
Rx. Spurious NVNT n20 5180MHz Ant1 @ 30MHz-1000MHz



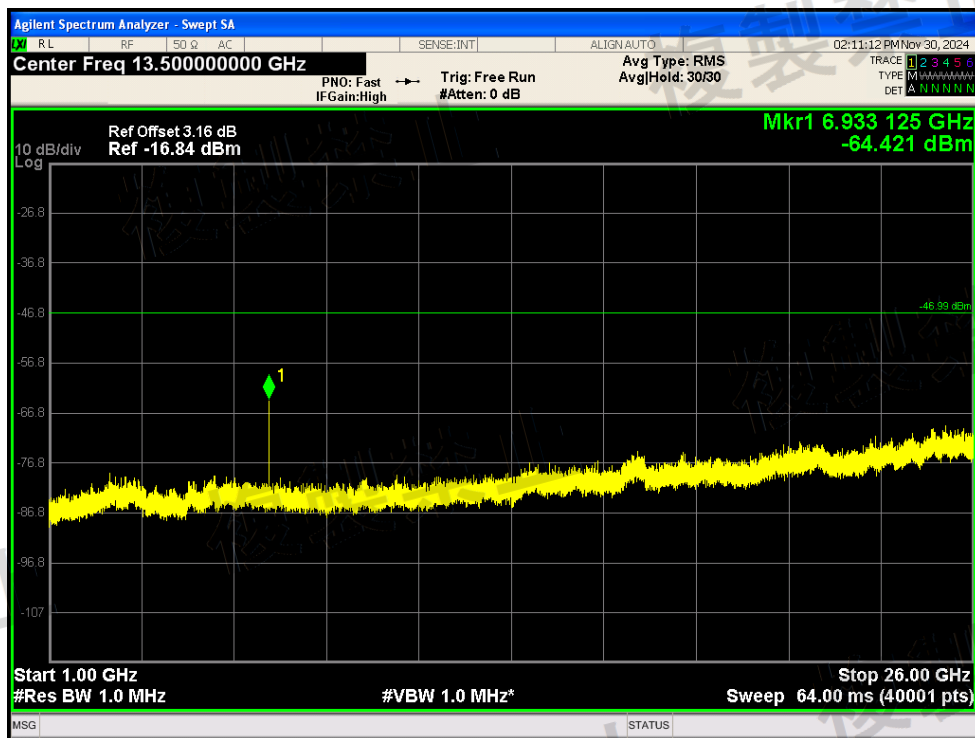
Rx. Spurious NVNT n20 5180MHz Ant1 @ 1000MHz-26000MHz



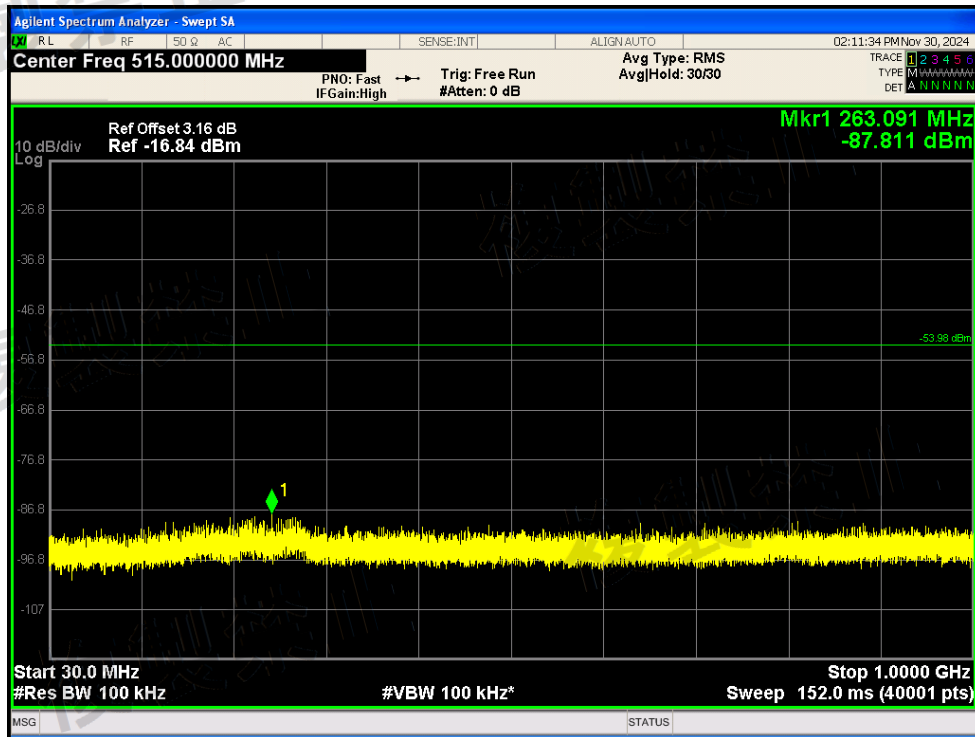
Rx. Spurious NVNT n20 5200MHz Ant1 @ 30MHz-1000MHz



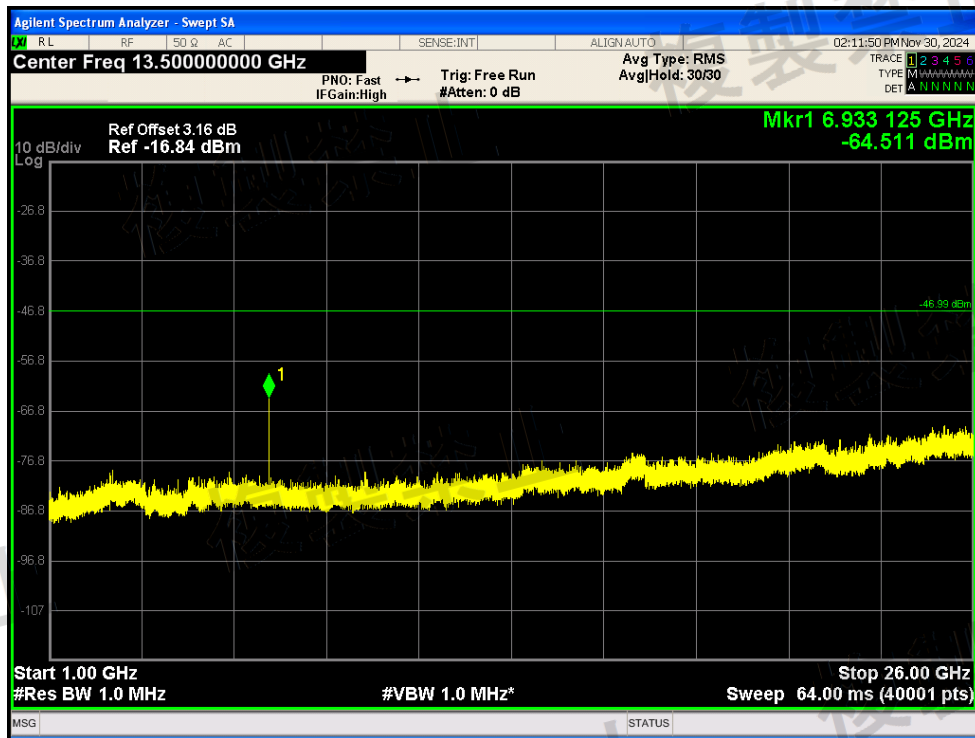
Rx. Spurious NVNT n20 5200MHz Ant1 @ 1000MHz-26000MHz



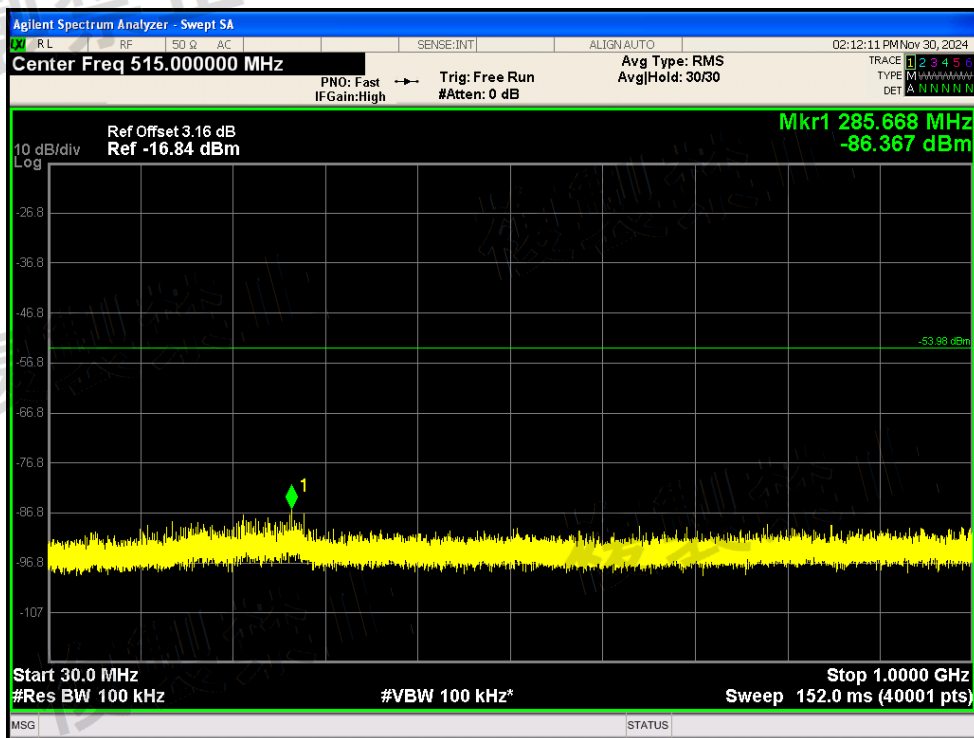
Rx. Spurious NVNT n20 5240MHz Ant1 @ 30MHz-1000MHz



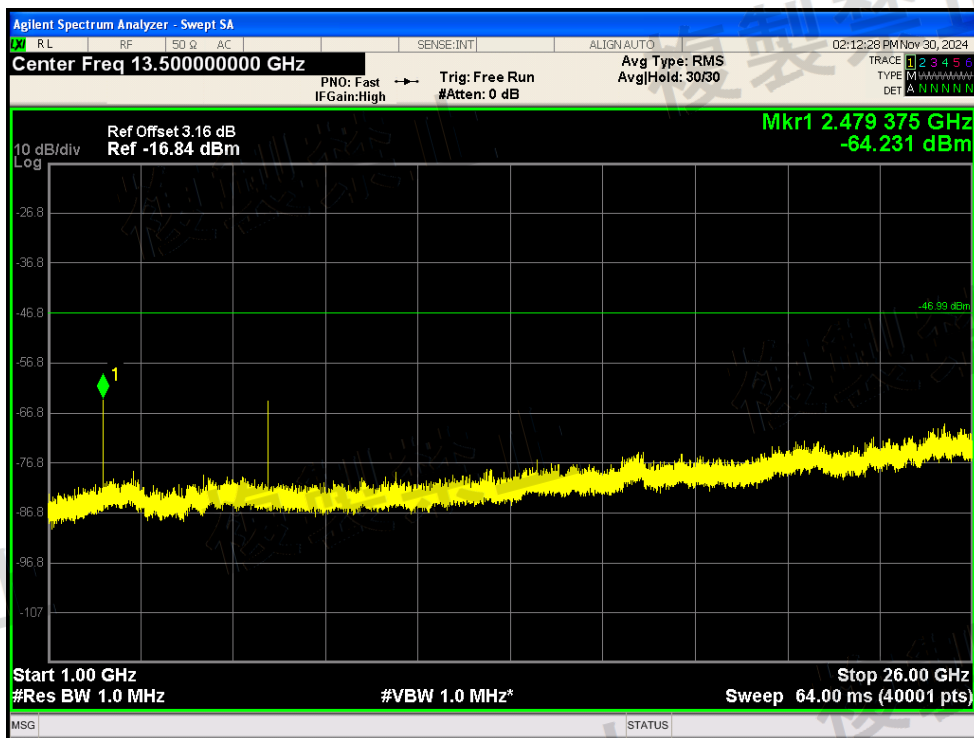
Rx. Spurious NVNT n20 5240MHz Ant1 @ 1000MHz-26000MHz



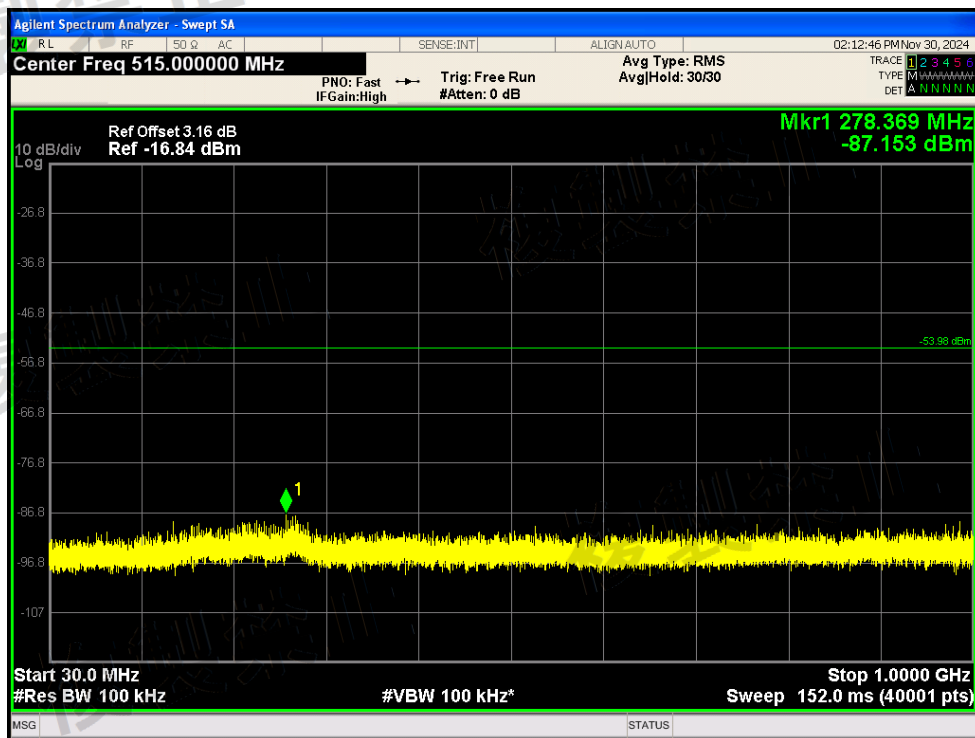
Rx. Spurious NVNT n40 5190MHz Ant1 @ 30MHz-1000MHz



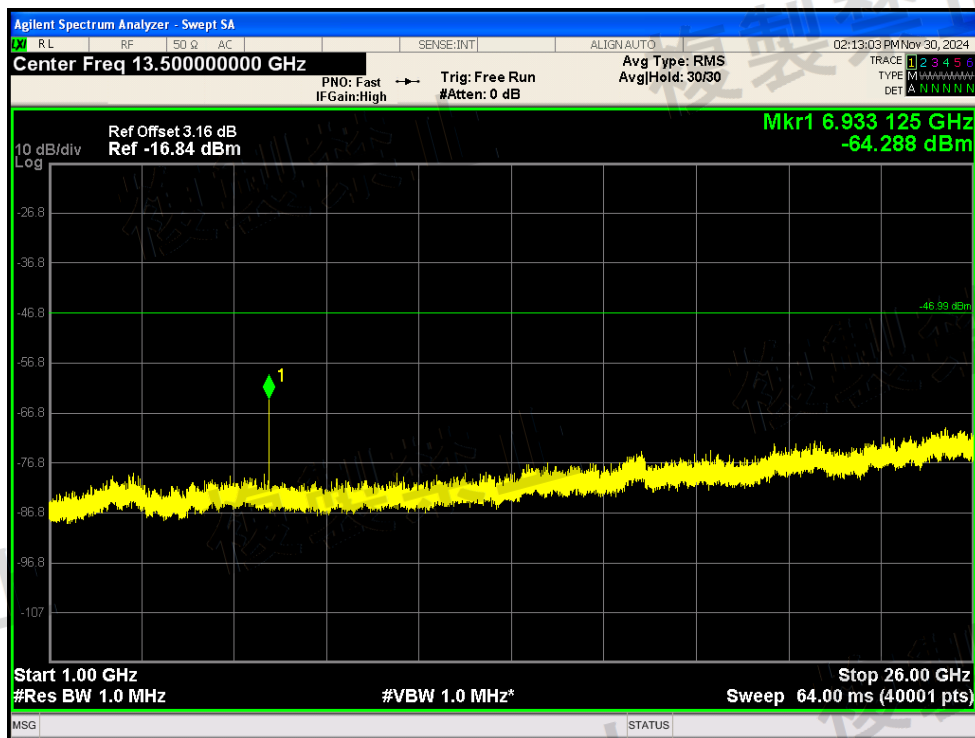
Rx. Spurious NVNT n40 5190MHz Ant1 @ 1000MHz-26000MHz



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



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

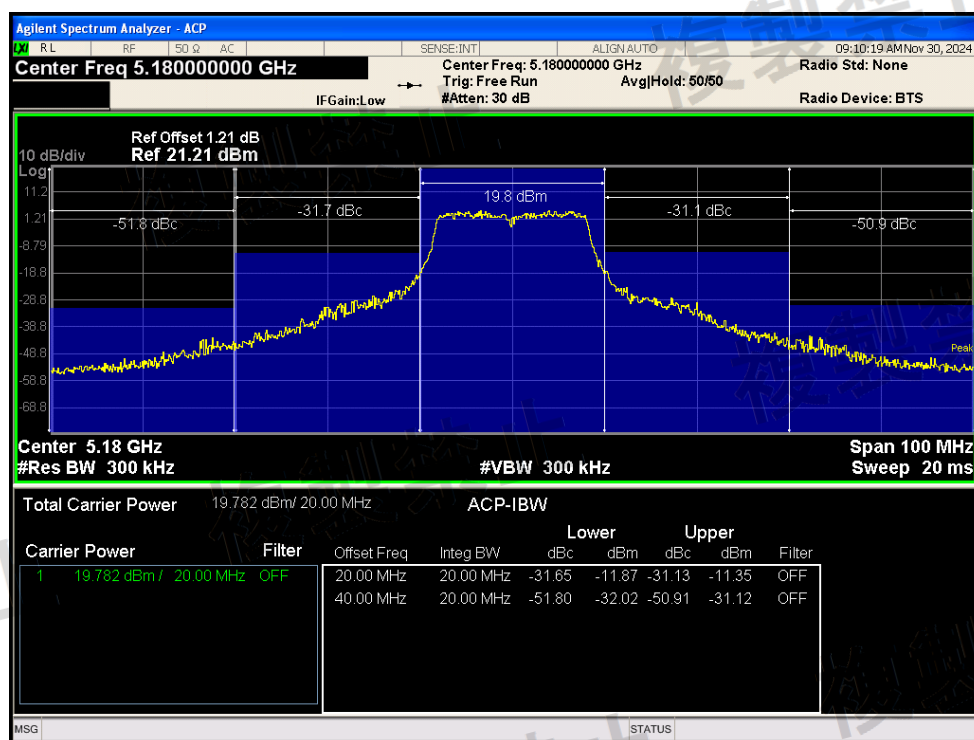


Adjacent Channel Emitted Power

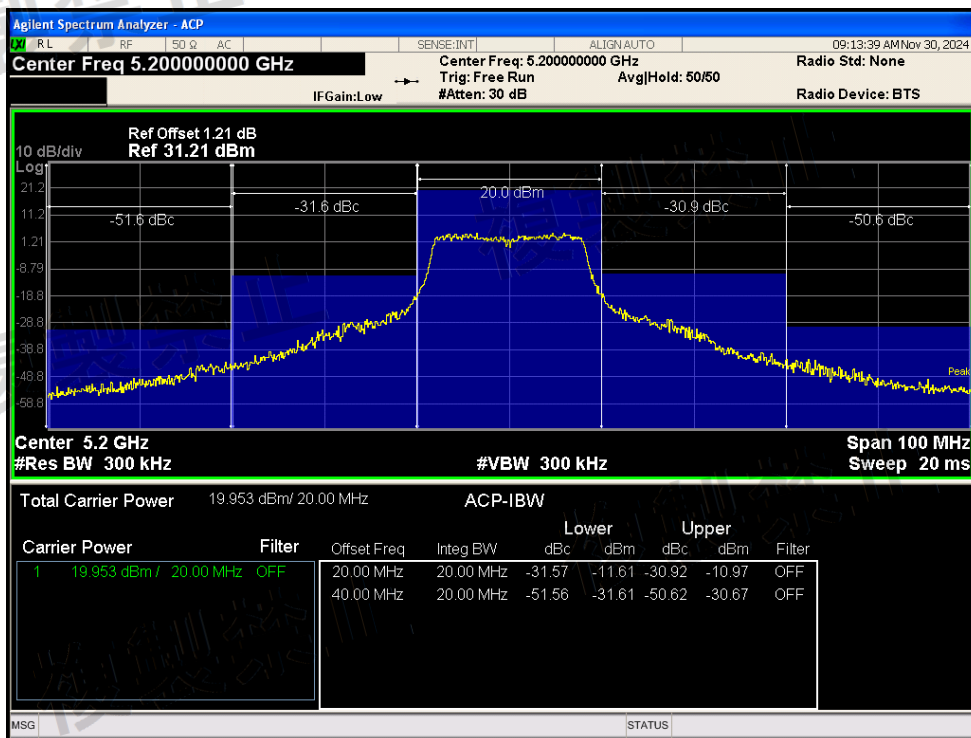
Condition	Mode	Frequency (MHz)	Antenna	Offset (MHz)	Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-20	-31.65	-25	Pass
NVNT	a	5180	Ant1	-40	-51.8	-40	Pass
NVNT	a	5180	Ant1	20	-31.13	-25	Pass
NVNT	a	5180	Ant1	40	-50.91	-40	Pass
NVNT	a	5200	Ant1	-20	-31.57	-25	Pass
NVNT	a	5200	Ant1	-40	-51.56	-40	Pass
NVNT	a	5200	Ant1	20	-30.92	-25	Pass
NVNT	a	5200	Ant1	40	-50.62	-40	Pass
NVNT	a	5240	Ant1	-20	-32.48	-25	Pass
NVNT	a	5240	Ant1	-40	-52.42	-40	Pass
NVNT	a	5240	Ant1	20	-31.85	-25	Pass
NVNT	a	5240	Ant1	40	-51.33	-40	Pass
NVNT	ac20	5180	Ant1	-20	-32.29	-25	Pass
NVNT	ac20	5180	Ant1	-40	-51.74	-40	Pass
NVNT	ac20	5180	Ant1	20	-33.4	-25	Pass
NVNT	ac20	5180	Ant1	40	-50.89	-40	Pass
NVNT	ac20	5200	Ant1	-20	-32.52	-25	Pass
NVNT	ac20	5200	Ant1	-40	-52.2	-40	Pass
NVNT	ac20	5200	Ant1	20	-33.55	-25	Pass
NVNT	ac20	5200	Ant1	40	-51.12	-40	Pass
NVNT	ac20	5240	Ant1	-20	-31.62	-25	Pass
NVNT	ac20	5240	Ant1	-40	-52.47	-40	Pass
NVNT	ac20	5240	Ant1	20	-33.59	-25	Pass
NVNT	ac20	5240	Ant1	40	-51.57	-40	Pass
NVNT	ac40	5190	Ant1	-40	-36.01	-25	Pass
NVNT	ac40	5190	Ant1	-80	-50.86	-40	Pass
NVNT	ac40	5190	Ant1	40	-37.13	-25	Pass
NVNT	ac40	5190	Ant1	80	-49.28	-40	Pass
NVNT	ac40	5230	Ant1	-40	-36.01	-25	Pass
NVNT	ac40	5230	Ant1	-80	-50.88	-40	Pass
NVNT	ac40	5230	Ant1	40	-33.89	-25	Pass
NVNT	ac40	5230	Ant1	80	-49.45	-40	Pass
NVNT	ac80	5210	Ant1	-80	-36.8	-25	Pass
NVNT	ac80	5210	Ant1	-160	-48.62	-40	Pass
NVNT	ac80	5210	Ant1	80	-35.1	-25	Pass
NVNT	ac80	5210	Ant1	160	-46.9	-40	Pass
NVNT	n20	5180	Ant1	-20	-30.29	-25	Pass
NVNT	n20	5180	Ant1	-40	-49.75	-40	Pass

NVNT	n20	5180	Ant1	20	-30.28	-25	Pass
NVNT	n20	5180	Ant1	40	-49.57	-40	Pass
NVNT	n20	5200	Ant1	-20	-29.94	-25	Pass
NVNT	n20	5200	Ant1	-40	-49.46	-40	Pass
NVNT	n20	5200	Ant1	20	-29.95	-25	Pass
NVNT	n20	5200	Ant1	40	-49.06	-40	Pass
NVNT	n20	5240	Ant1	-20	-32.02	-25	Pass
NVNT	n20	5240	Ant1	-40	-52.12	-40	Pass
NVNT	n20	5240	Ant1	20	-32.02	-25	Pass
NVNT	n20	5240	Ant1	40	-51.51	-40	Pass
NVNT	n40	5190	Ant1	-40	-36.08	-25	Pass
NVNT	n40	5190	Ant1	-80	-50.56	-40	Pass
NVNT	n40	5190	Ant1	40	-34.48	-25	Pass
NVNT	n40	5190	Ant1	80	-49.08	-40	Pass
NVNT	n40	5230	Ant1	-40	-36.07	-25	Pass
NVNT	n40	5230	Ant1	-80	-50.92	-40	Pass
NVNT	n40	5230	Ant1	40	-34.58	-25	Pass
NVNT	n40	5230	Ant1	80	-49.49	-40	Pass

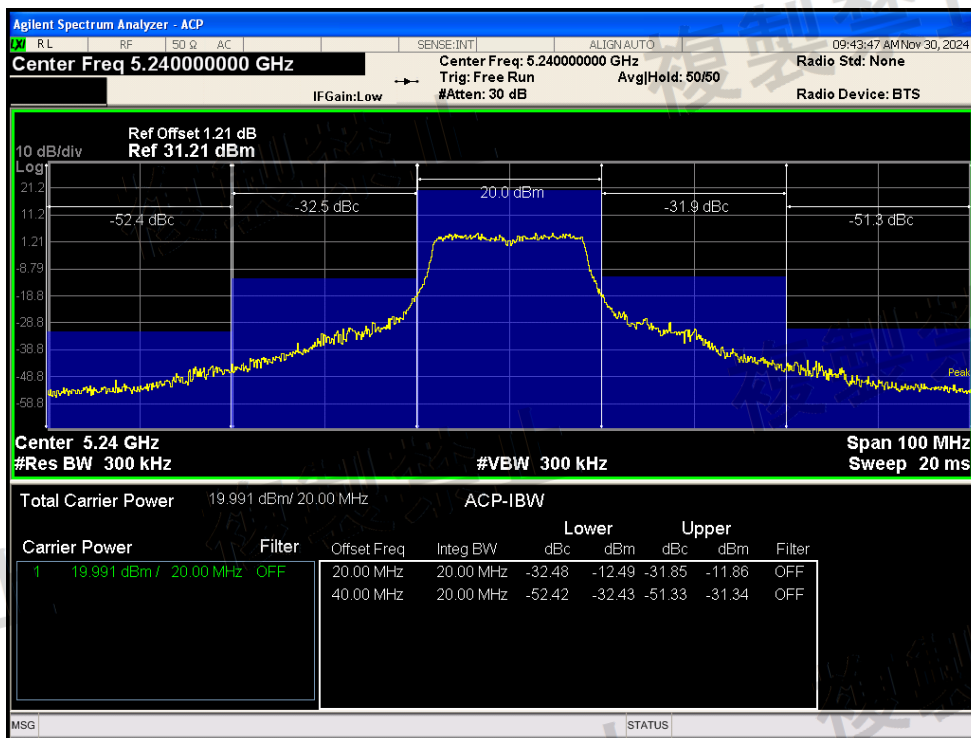
ACEP NVNT a 5180MHz Ant1



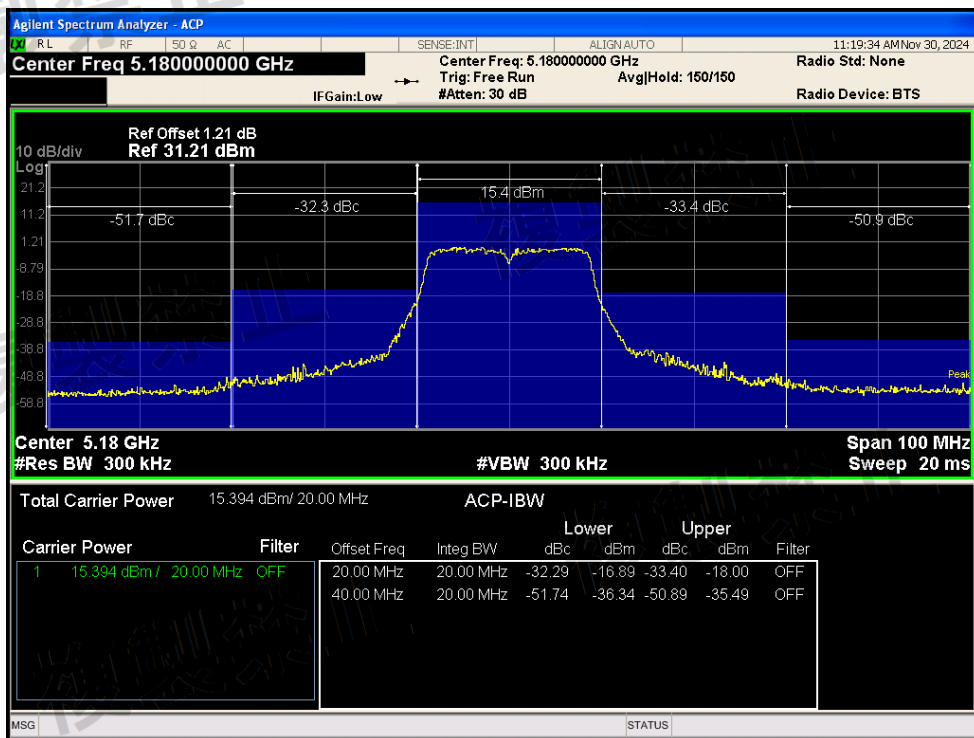
ACEP NVNT a 5200MHz Ant1



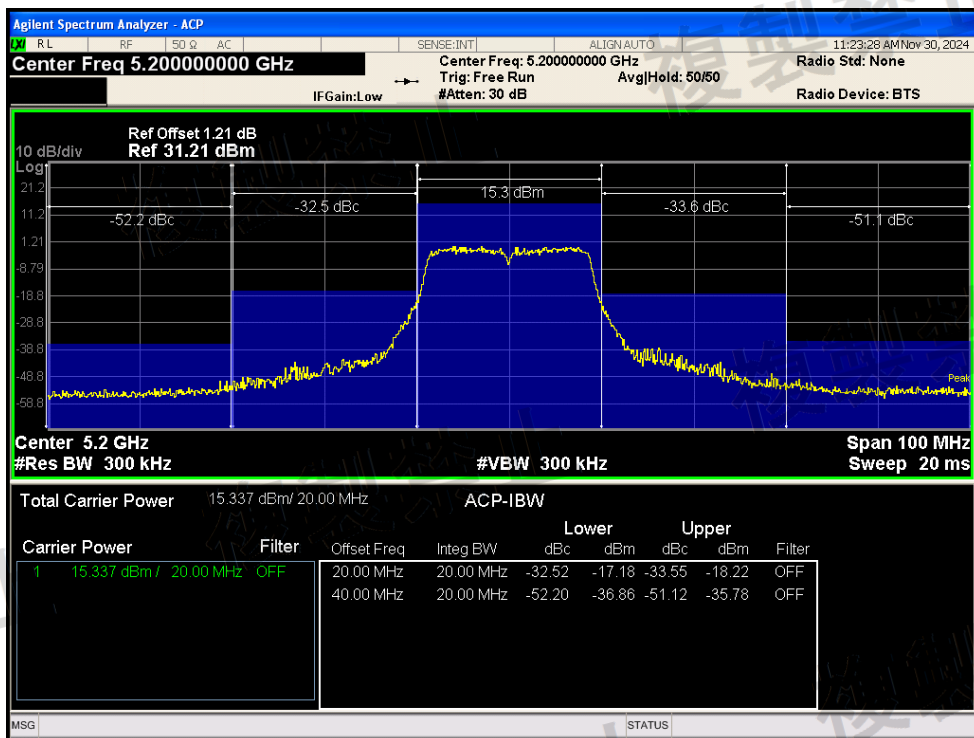
ACEP NVNT a 5240MHz Ant1



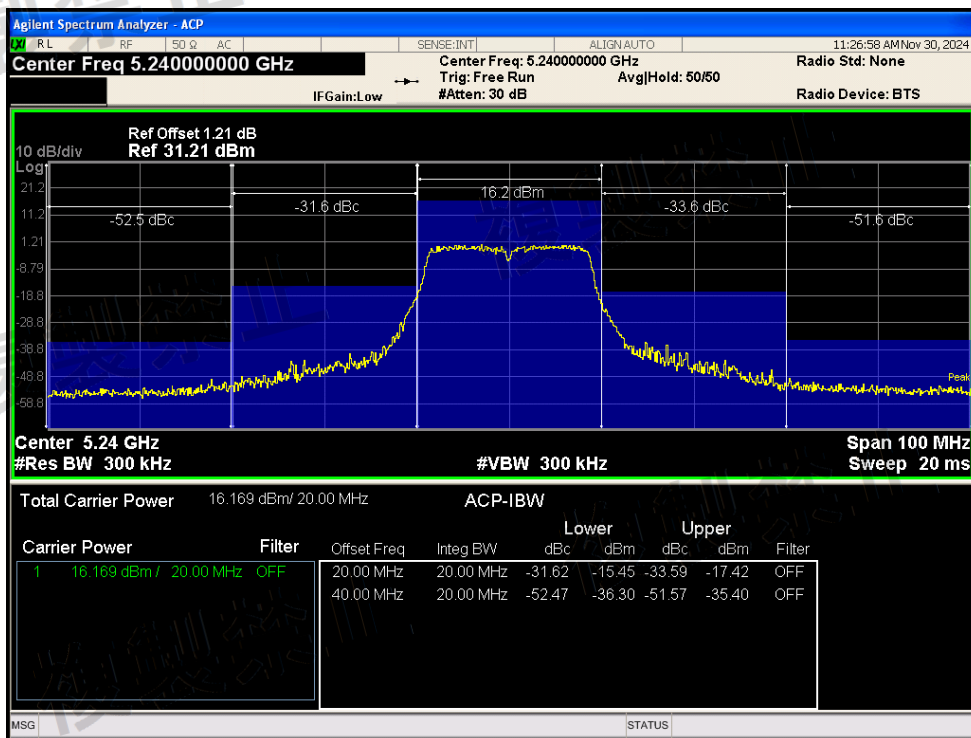
ACEP NVNT ac20 5180MHz Ant1



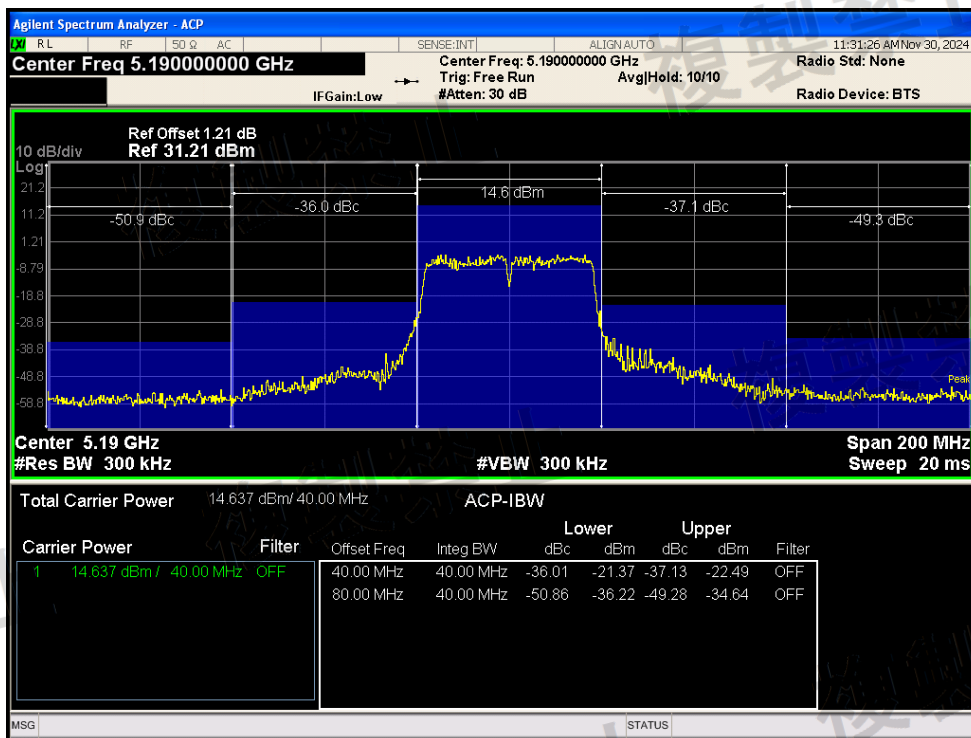
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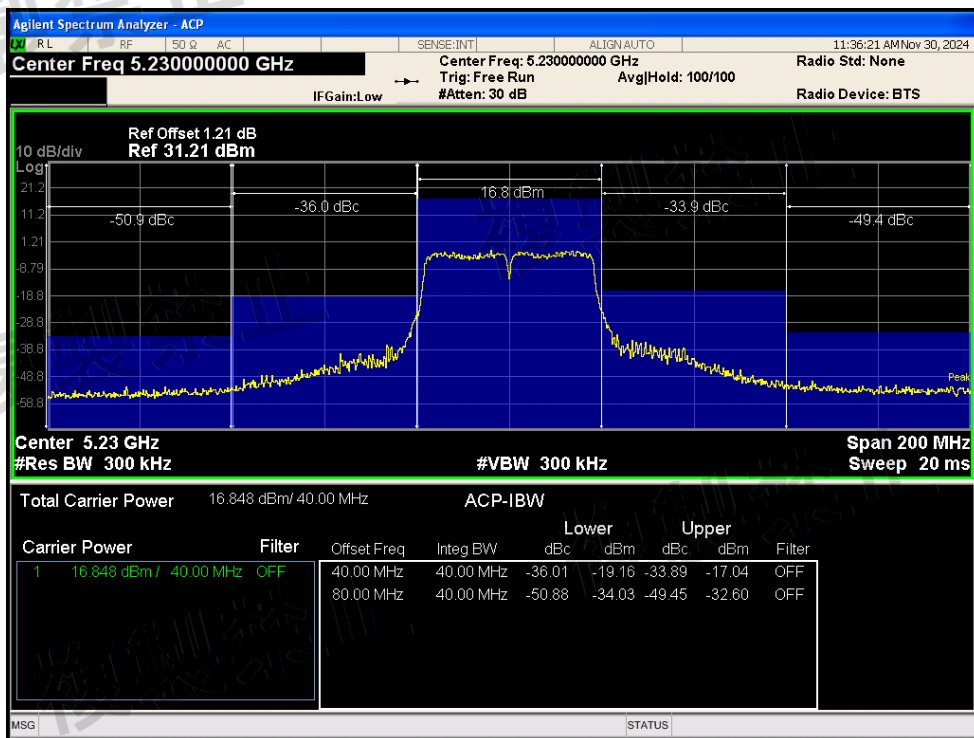
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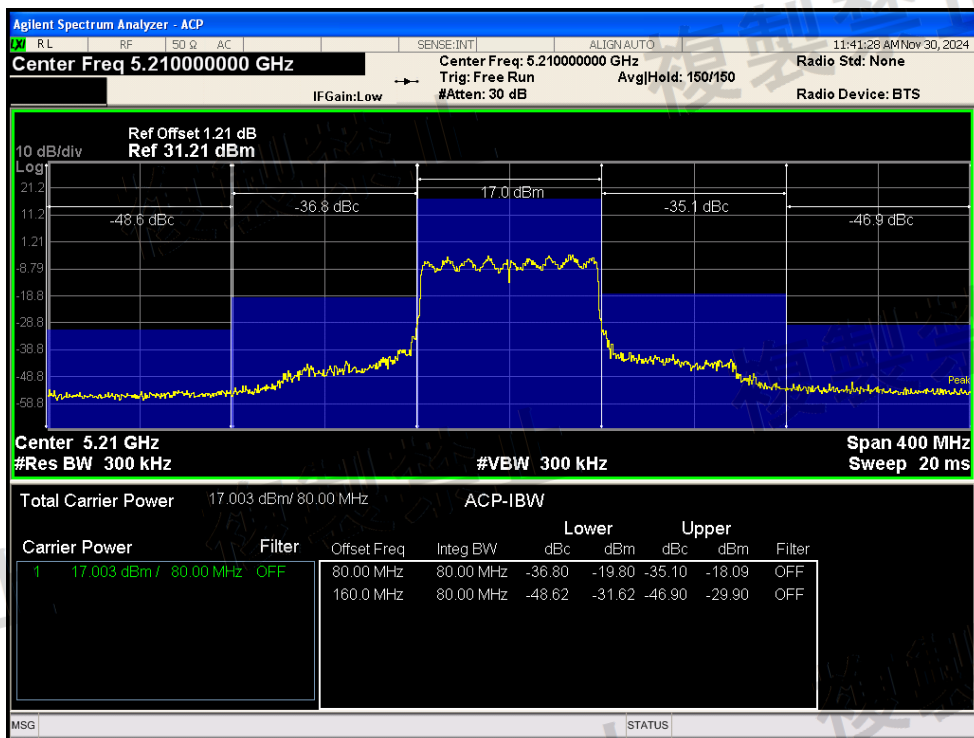
ACEP NVNT ac40 5190MHz Ant1



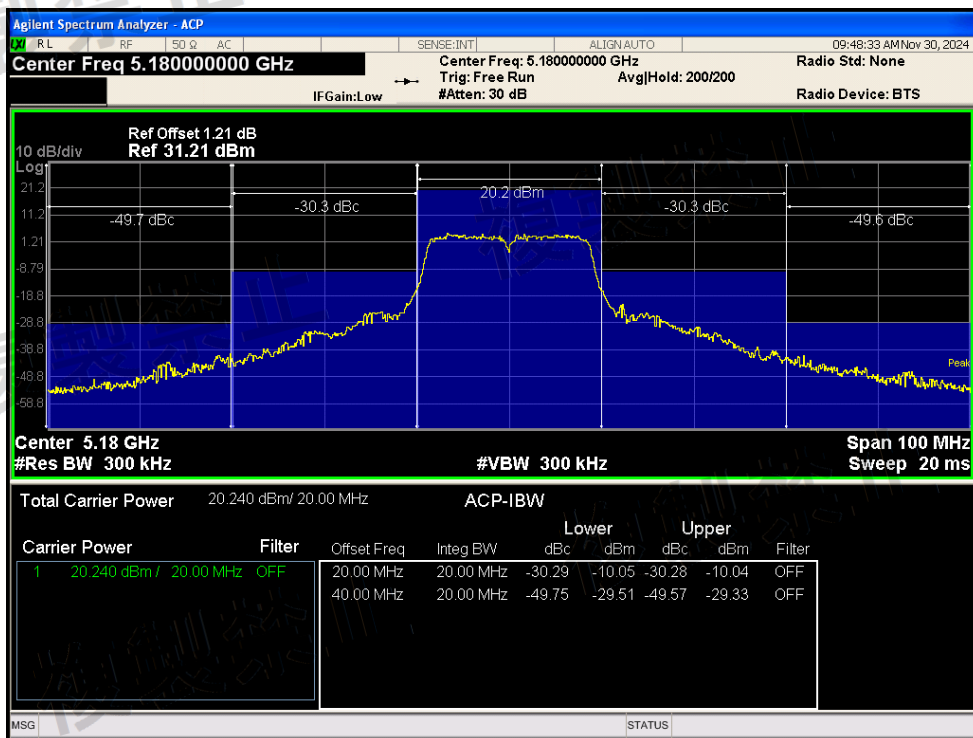
ACEP NVNT ac40 5230MHz Ant1



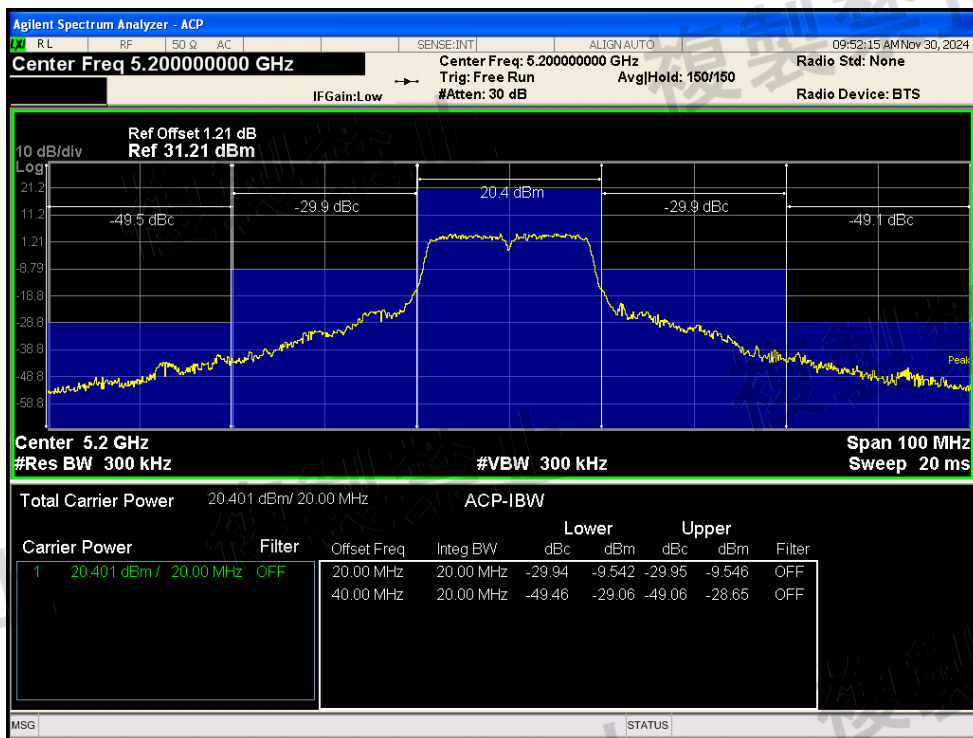
ACEP NVNT ac80 5210MHz Ant1



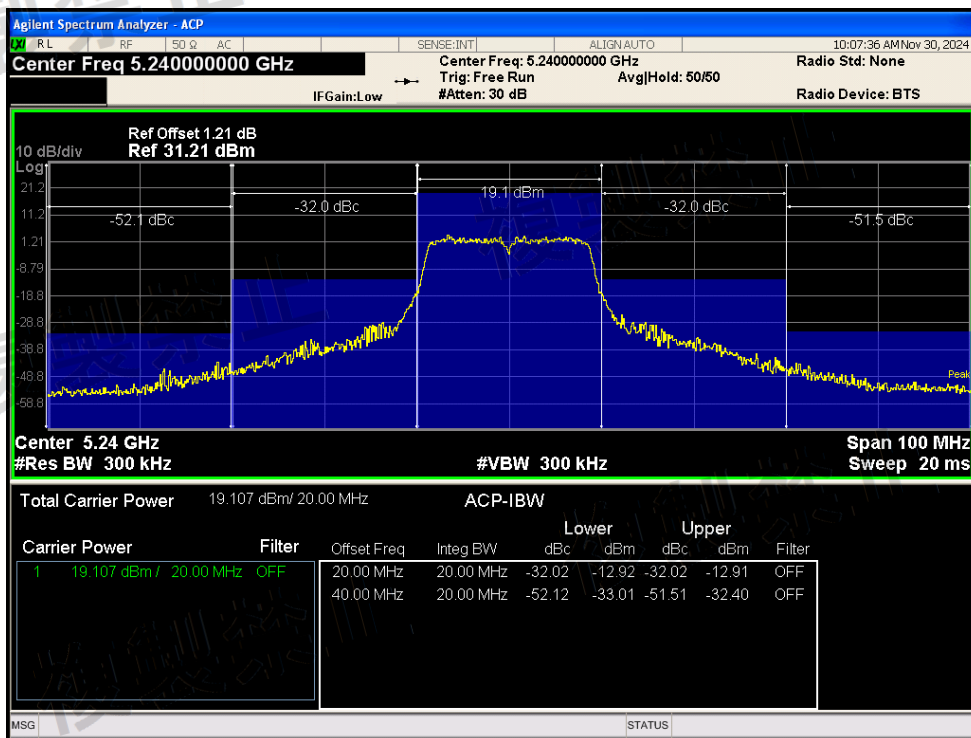
ACEP NVNT n20 5180MHz Ant1



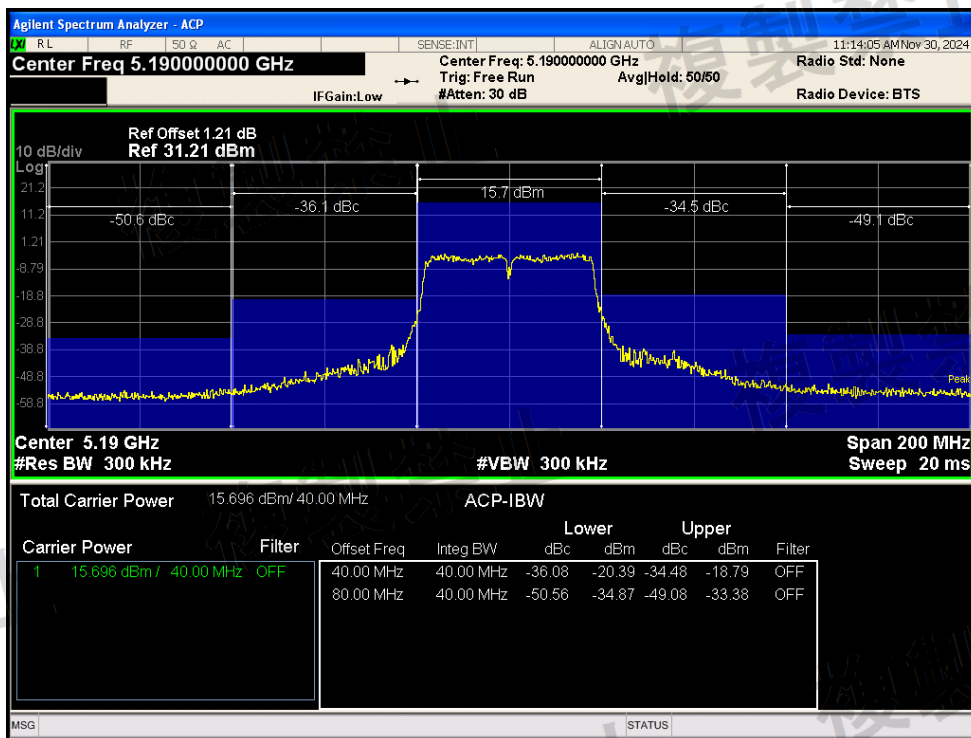
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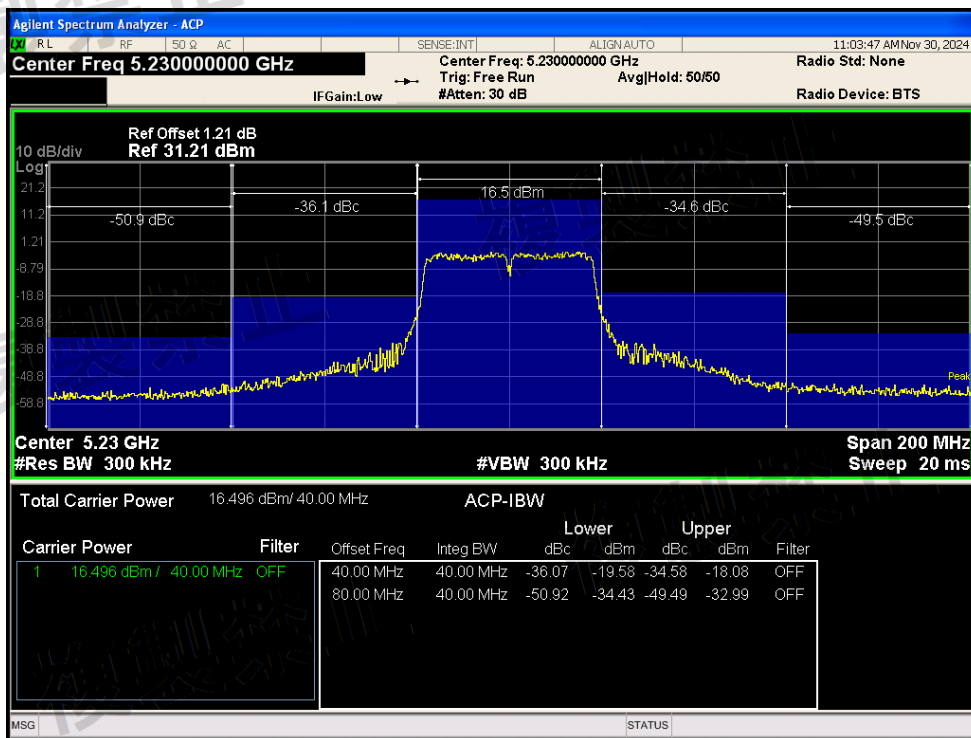
ACEP NVNT n20 5240MHz Ant1



ACEP NVNT n40 5190MHz Ant1



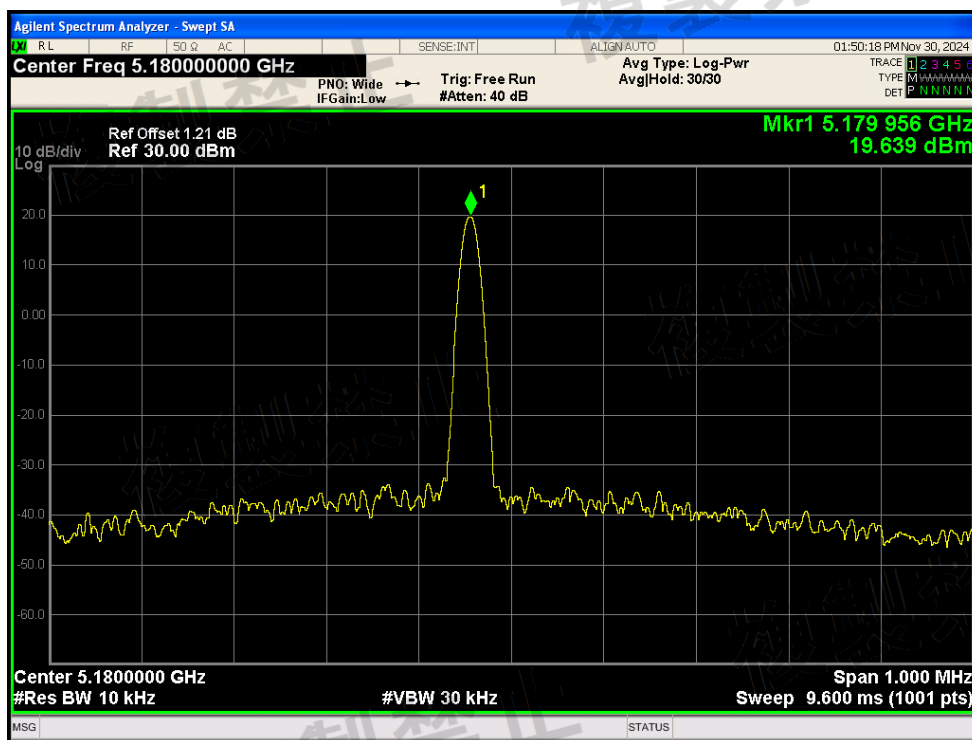
ACEP NVNT n40 5230MHz Ant1



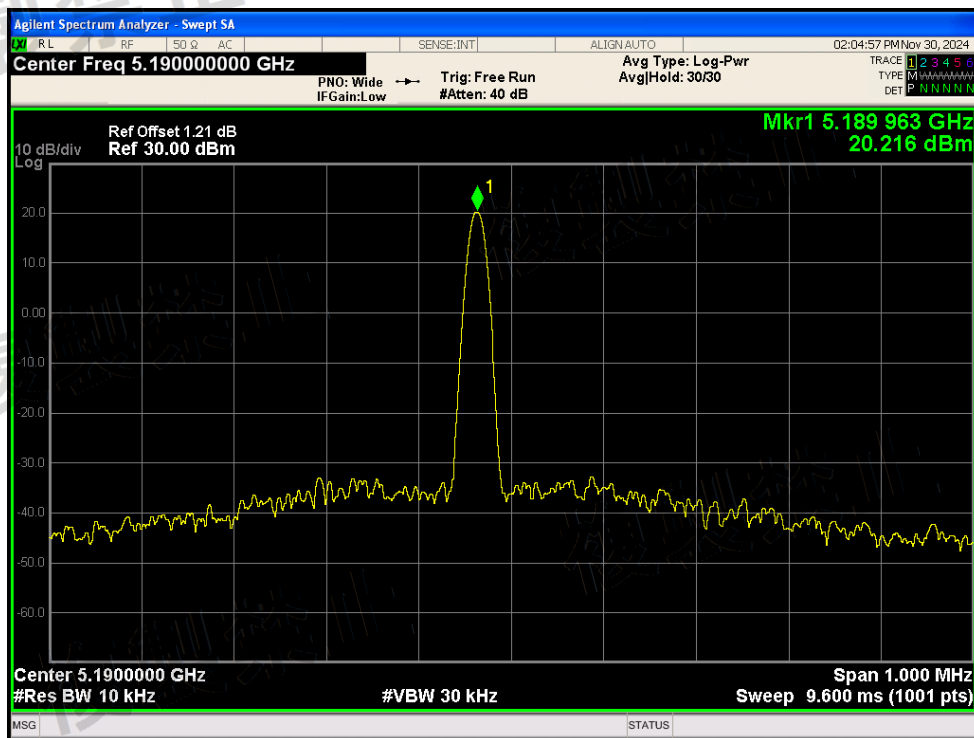
Frequency Error

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	cw	5180	Ant1	5179.956	-8.49	20	Pass
NVNT	cw	5190	Ant1	5189.963	-7.13	20	Pass
NVNT	cw	5200	Ant1	5199.955	-8.65	20	Pass
NVNT	cw	5210	Ant1	5209.958	-8.06	20	Pass
NVNT	cw	5230	Ant1	5229.959	-7.84	20	Pass
NVNT	cw	5240	Ant1	5239.954	-8.78	20	Pass

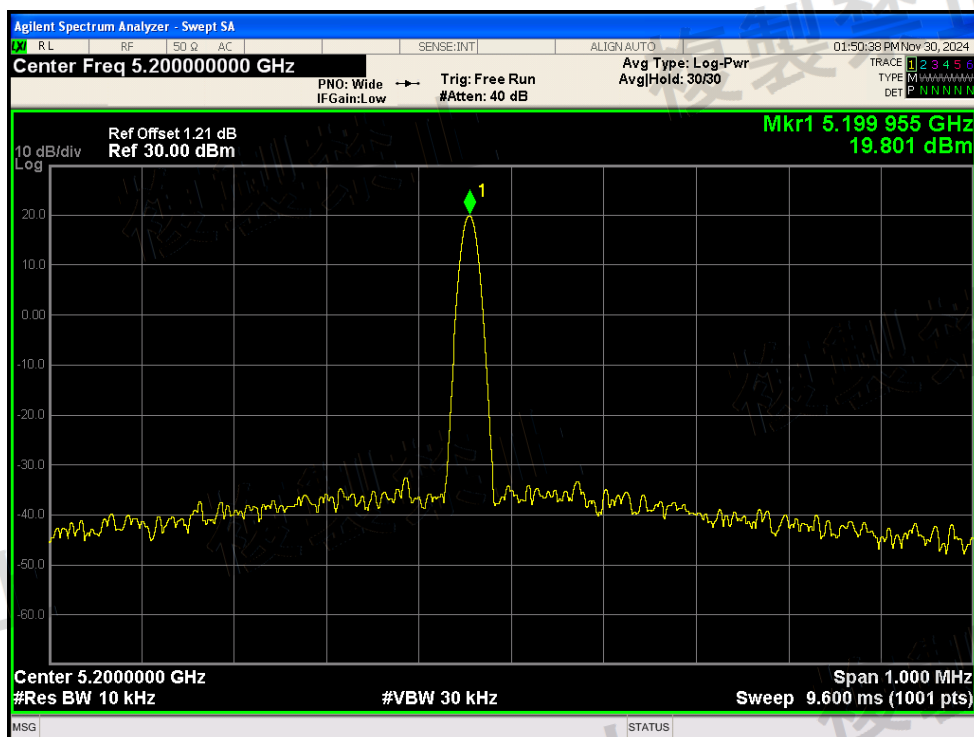
Freq. Error NVNT user 5180MHz Ant1



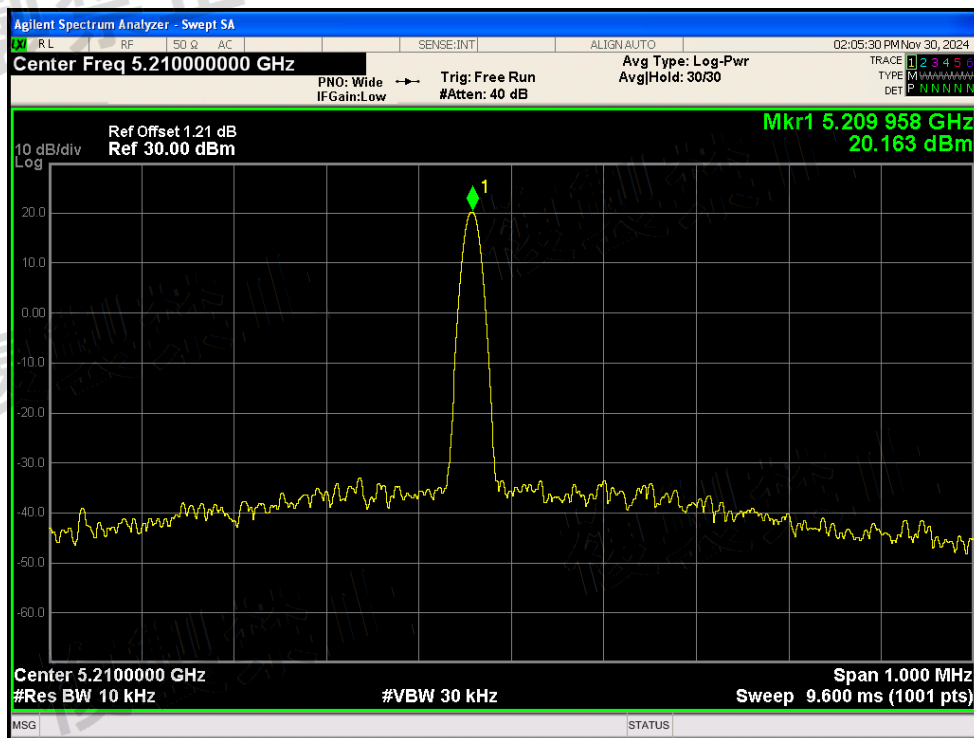
Freq. Error NVNT user 5190MHz Ant1



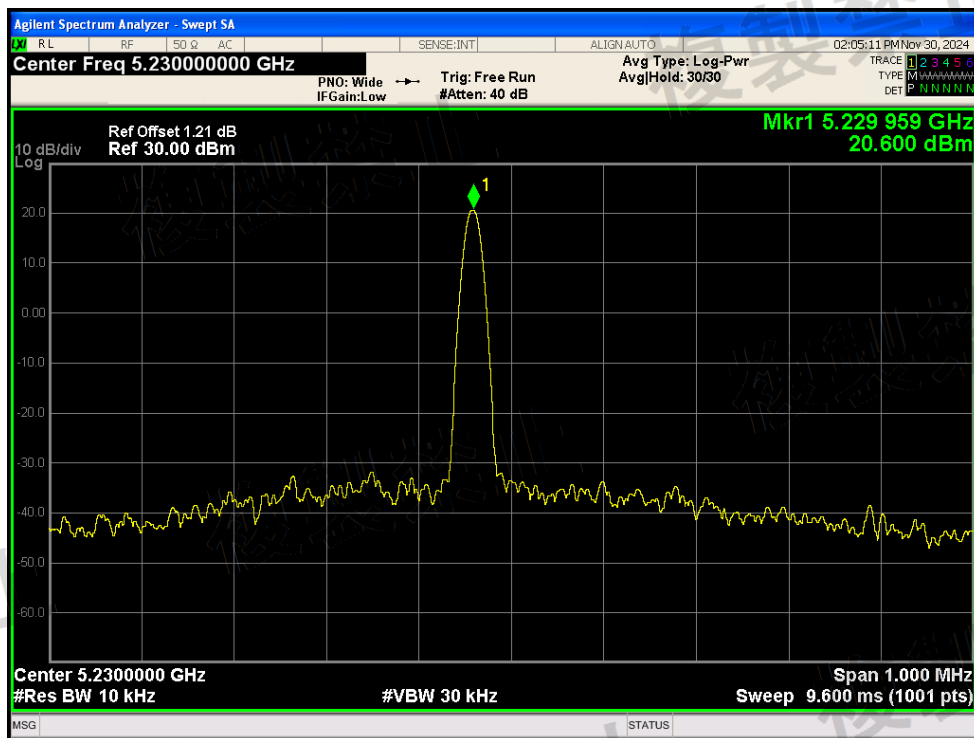
Freq. Error NVNT user 5200MHz Ant1



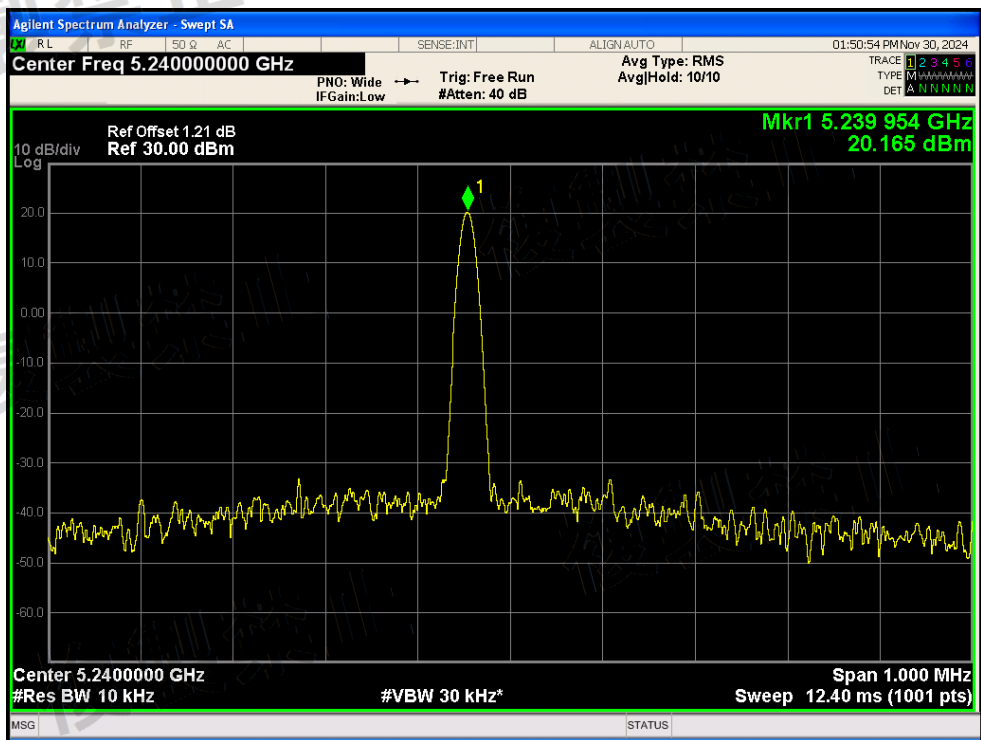
Freq. Error NVNT user 5210MHz Ant1



Freq. Error NVNT user 5230MHz Ant1



Freq. Error NVNT user 5240MHz Ant1



WIFI 5.3G

Antenna and EIRP Power

Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (mW/MHz)	Declared Power (mW/MHz)	Tolerance (%)	Upper Limit (%)	Lower Limit (%)	Verdict
NVNT	a	5260	Ant1	0.537	1	-46.33	20	-80	Pass
NVNT	a	5280	Ant1	0.555	1	-44.5	20	-80	Pass
NVNT	a	5320	Ant1	0.471	1	-52.92	20	-80	Pass
NVNT	ac20	5260	Ant1	0.445	1	-55.49	20	-80	Pass
NVNT	ac20	5280	Ant1	0.44	1	-55.97	20	-80	Pass
NVNT	ac20	5320	Ant1	0.411	1	-58.92	20	-80	Pass
NVNT	ac40	5270	Ant1	0.177	0.2	-11.37	20	-80	Pass
NVNT	ac40	5310	Ant1	0.173	0.2	-13.71	20	-80	Pass
NVNT	ac80	5290	Ant1	0.073	0.2	-63.33	20	-80	Pass
NVNT	n20	5260	Ant1	0.396	1	-60.42	20	-80	Pass
NVNT	n20	5280	Ant1	0.407	1	-59.3	20	-80	Pass
NVNT	n20	5320	Ant1	0.369	1	-63.11	20	-80	Pass
NVNT	n40	5270	Ant1	0.173	0.2	-13.39	20	-80	Pass
NVNT	n40	5310	Ant1	0.174	0.2	-12.91	20	-80	Pass

Power NVNT a 5260MHz Ant1 Pre Scan

