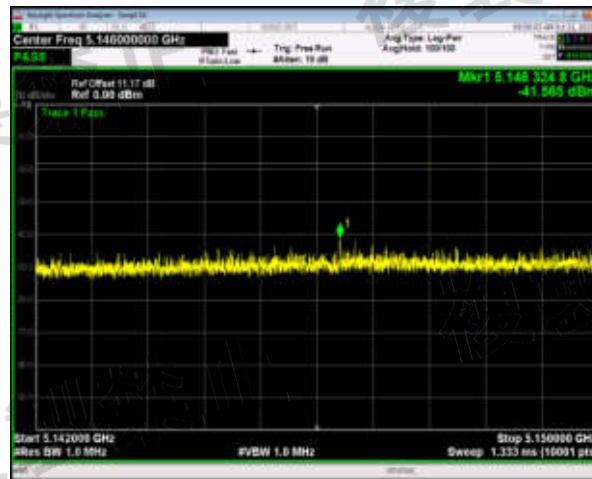


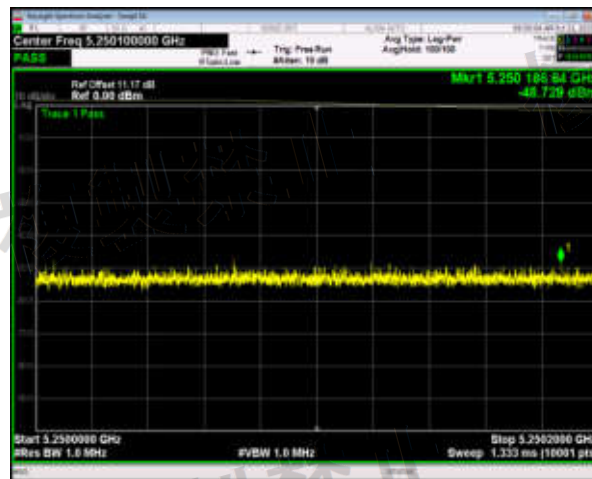
RU Mode



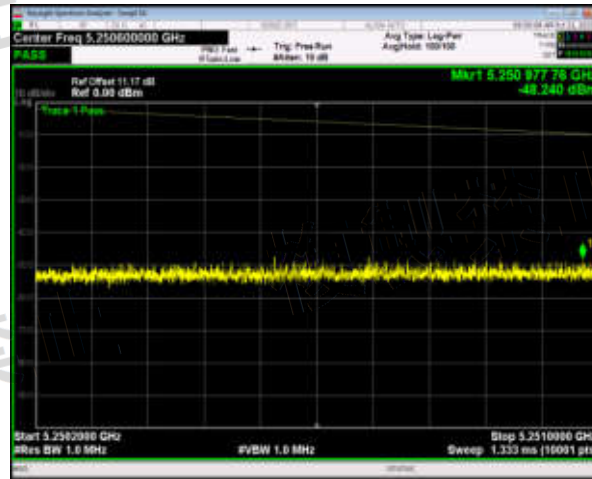
Tx. Spurious NVNT ax20 26@0 5180MHz Ant1 @ 30MHz-5142MHz



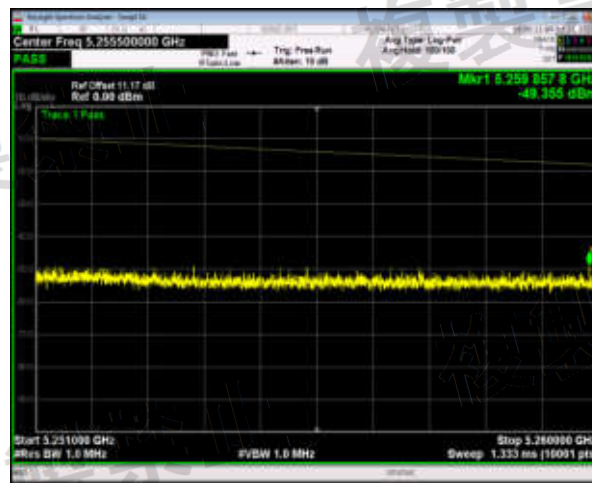
Tx. Spurious NVNT ax20 26@0 5180MHz Ant1 @ 5142MHz-5150MHz



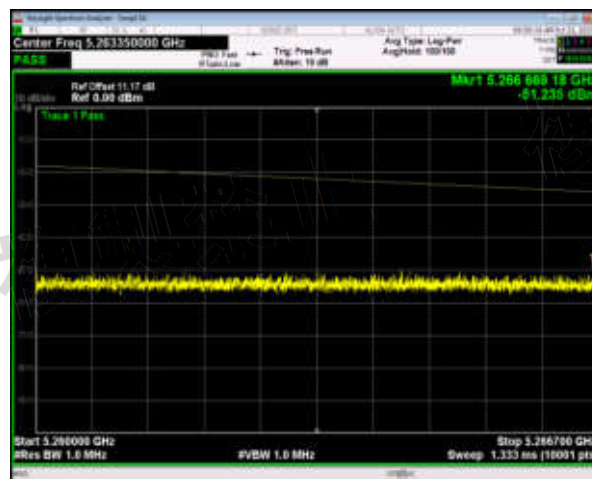
Tx. Spurious NVNT ax20 26@0 5180MHz Ant1 @ 5250MHz-5250.2MHz



Tx. Spurious NVNT ax20 26@0 5180MHz Ant1 @ 5250.2MHz-5251MHz



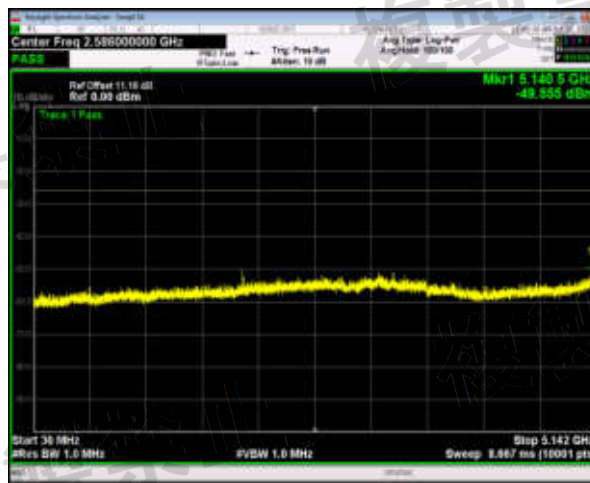
Tx. Spurious NVNT ax20 26@0 5180MHz Ant1 @ 5251MHz-5260MHz



Tx. Spurious NVNT ax20 26@0 5180MHz Ant1 @ 5260MHz-5266.7MHz



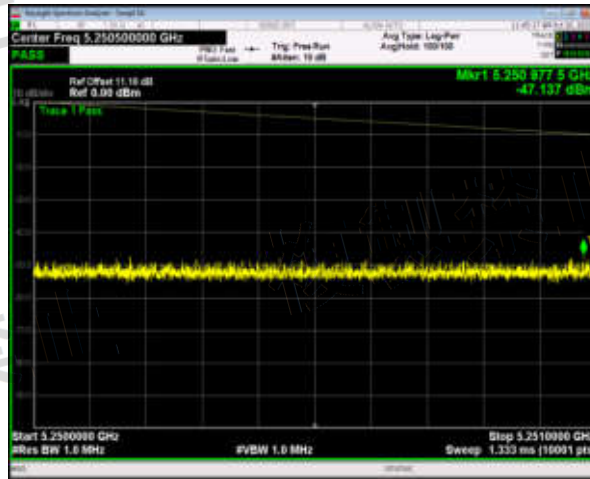
Tx. Spurious NVNT ax20 26@0 5180MHz Ant1 @ 5266.7MHz-26000MHz



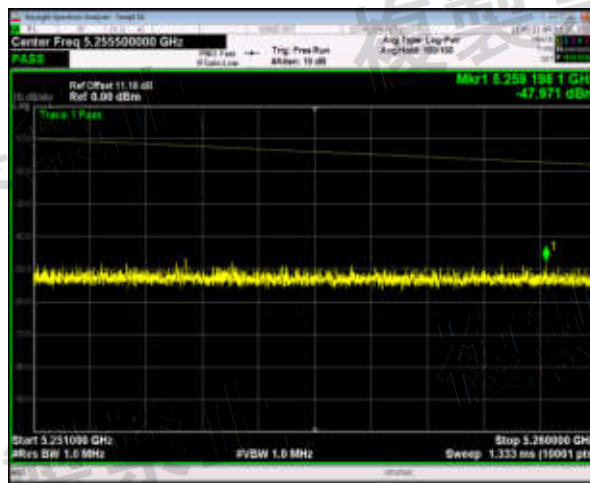
Tx. Spurious NVNT ax20 26@4 5200MHz Ant1 @ 30MHz-5142MHz



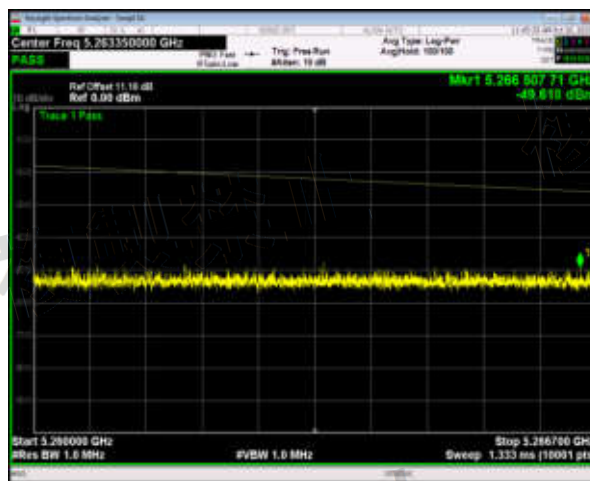
Tx. Spurious NVNT ax20 26@4 5200MHz Ant1 @ 5142MHz-5150MHz



Tx. Spurious NVNT ax20 26@4 5200MHz Ant1 @ 5250MHz-5251MHz



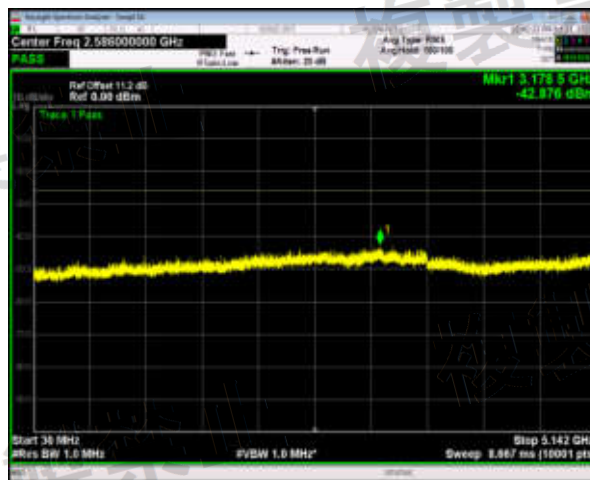
Tx. Spurious NVNT ax20 26@4 5200MHz Ant1 @ 5251MHz-5260MHz



Tx. Spurious NVNT ax20 26@4 5200MHz Ant1 @ 5260MHz-5266.7MHz



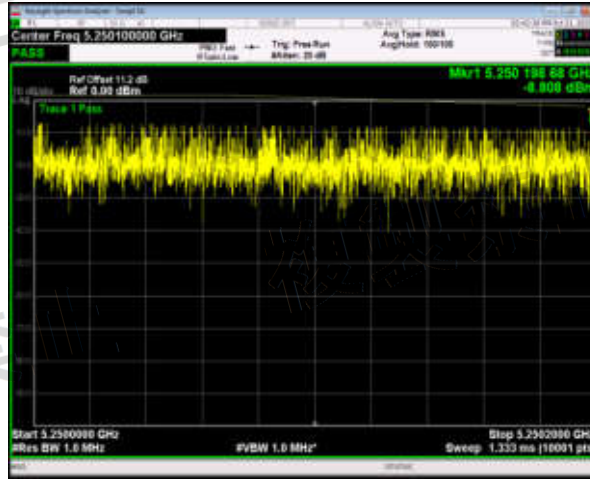
Tx. Spurious NVNT ax20 26@4 5200MHz Ant1 @ 5266.7MHz-26000MHz



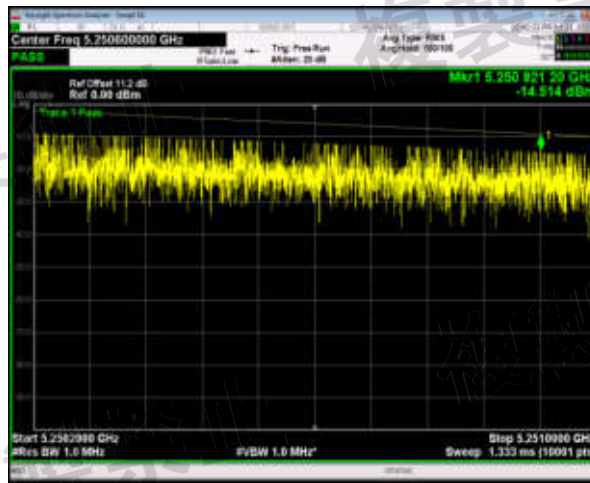
Tx. Spurious NVNT ax20 26@8 5240MHz Ant1 @ 30MHz-5142MHz



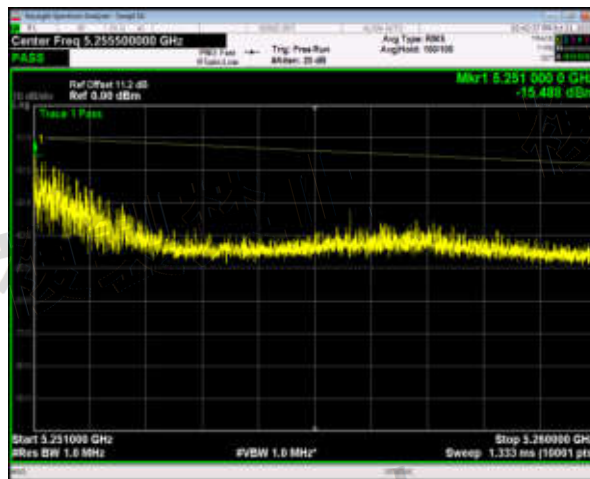
Tx. Spurious NVNT ax20 26@8 5240MHz Ant1 @ 5142MHz-5150MHz



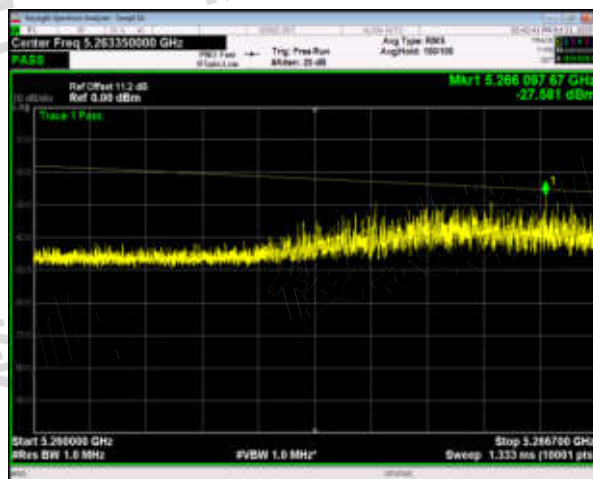
Tx. Spurious NVNT ax20 26@8 5240MHz Ant1 @ 5250MHz-5250.2MHz



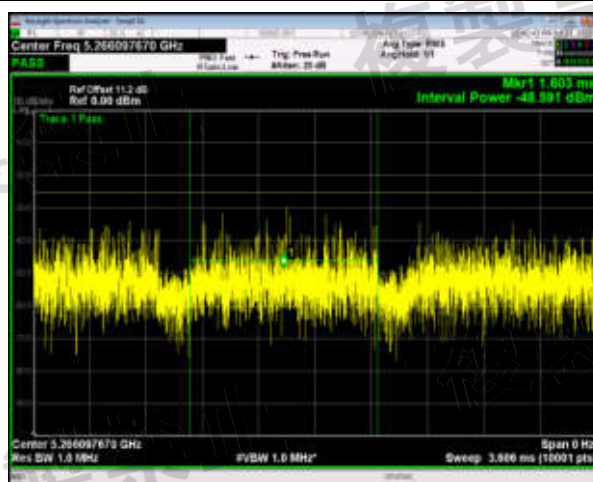
Tx. Spurious NVNT ax20 26@8 5240MHz Ant1 @ 5250.2MHz-5251MHz



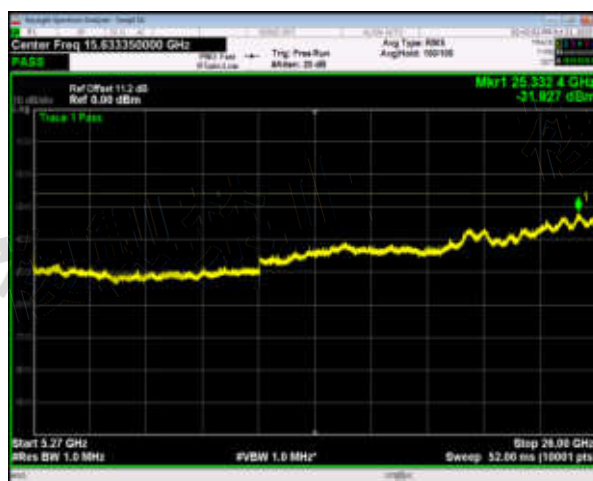
Tx. Spurious NVNT ax20 26@8 5240MHz Ant1 @ 5251MHz-5260MHz



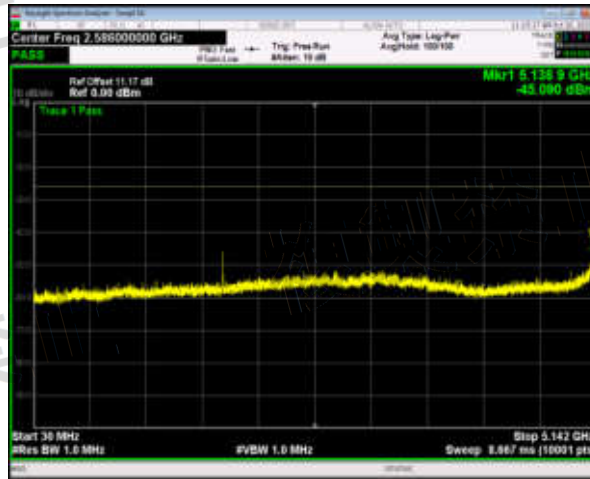
Tx. Spurious NVNT ax20 26@8 5240MHz Ant1 @ 5260MHz-5266.7MHz



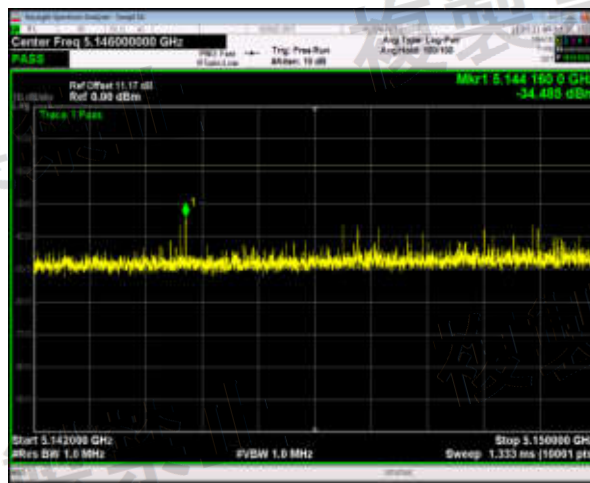
Tx. Spurious NVNT ax20 26@8 5240MHz Ant1 @ 5260MHz-5266.7MHz Final



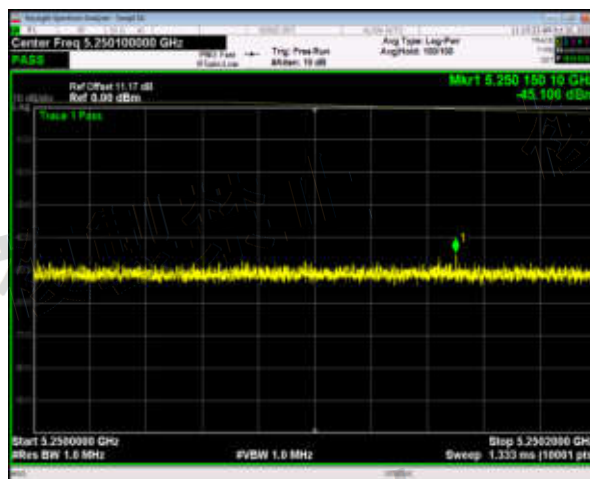
Tx. Spurious NVNT ax20 26@8 5240MHz Ant1 @ 5266.7MHz-26000MHz



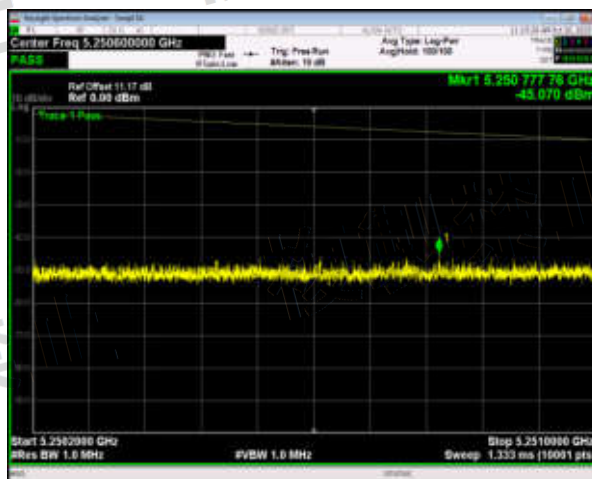
Tx. Spurious NVNT ax20 52@37 5180MHz Ant1 @ 30MHz-5142MHz



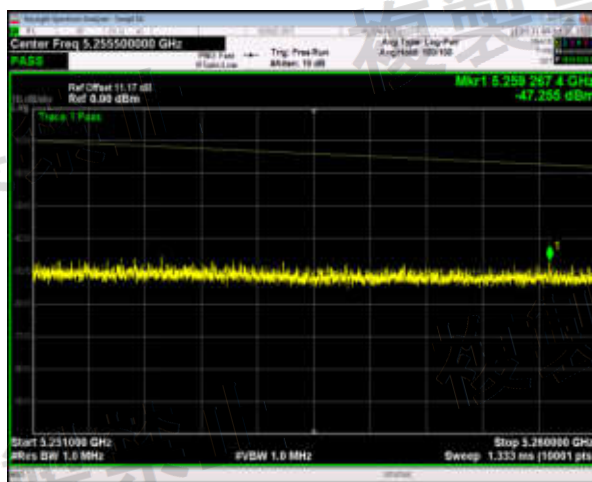
Tx. Spurious NVNT ax20 52@37 5180MHz Ant1 @ 5142MHz-5150MHz



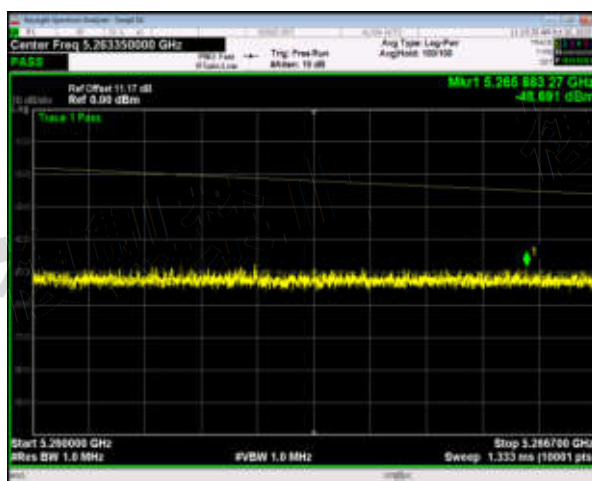
Tx. Spurious NVNT ax20 52@37 5180MHz Ant1 @ 5250MHz-5250.2MHz



Tx. Spurious NVNT ax20 52@37 5180MHz Ant1 @ 5250.2MHz-5251MHz



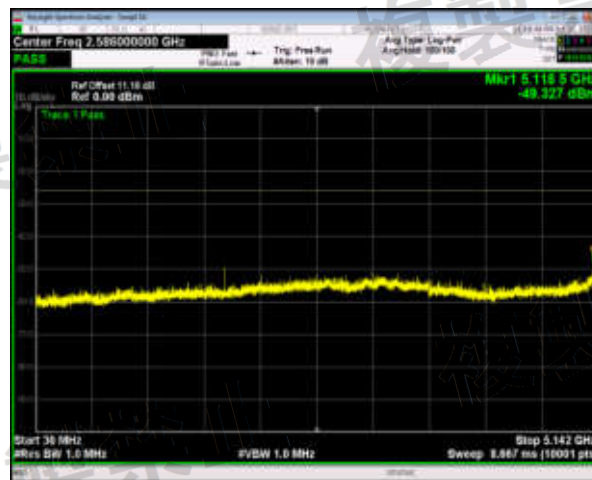
Tx. Spurious NVNT ax20 52@37 5180MHz Ant1 @ 5251MHz-5260MHz



Tx. Spurious NVNT ax20 52@37 5180MHz Ant1 @ 5260MHz-5266.7MHz



Tx. Spurious NVNT ax20 52@37 5180MHz Ant1 @ 5266.7MHz-26000MHz



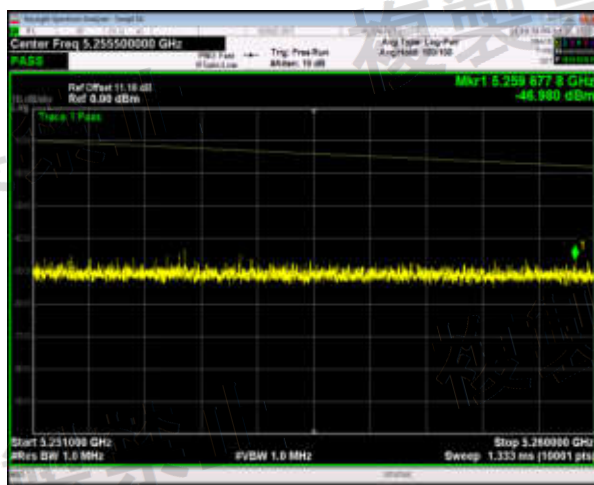
Tx. Spurious NVNT ax20 52@38 5200MHz Ant1 @ 30MHz-5142MHz



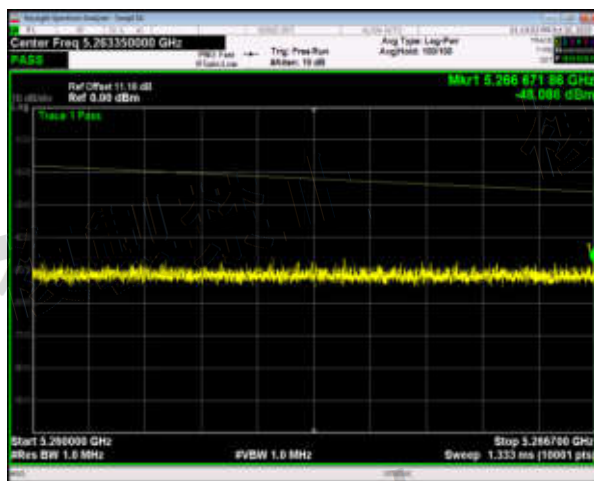
Tx. Spurious NVNT ax20 52@38 5200MHz Ant1 @ 5142MHz-5150MHz



Tx. Spurious NVNT ax20 52@38 5200MHz Ant1 @ 5250MHz-5251MHz



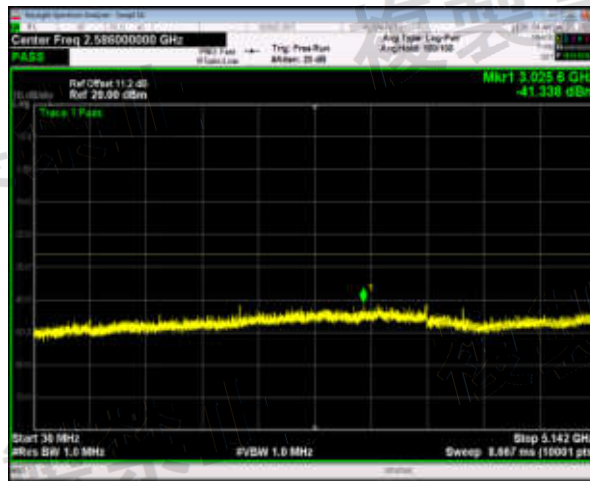
Tx. Spurious NVNT ax20 52@38 5200MHz Ant1 @ 5251MHz-5260MHz



Tx. Spurious NVNT ax20 52@38 5200MHz Ant1 @ 5260MHz-5266.7MHz



Tx. Spurious NVNT ax20 52@38 5200MHz Ant1 @ 5266.7MHz-26000MHz



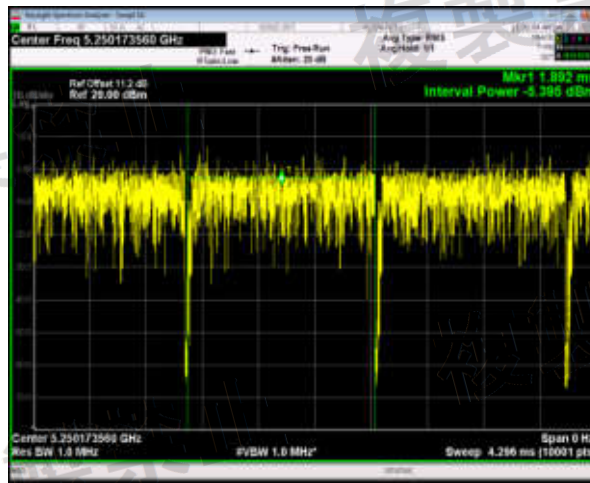
Tx. Spurious NVNT ax20 52@40 5240MHz Ant1 @ 30MHz-5142MHz



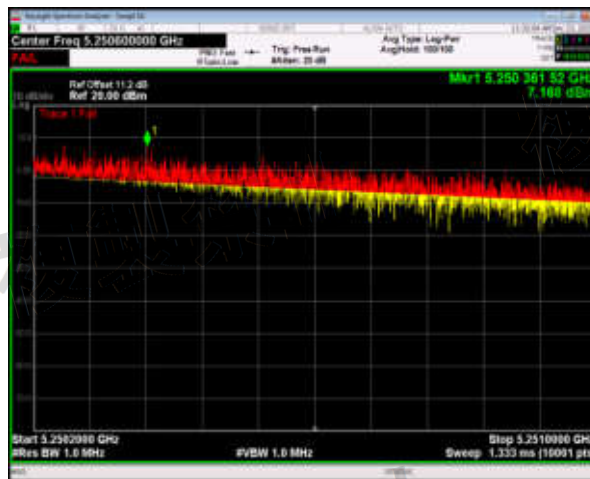
Tx. Spurious NVNT ax20 52@40 5240MHz Ant1 @ 5142MHz-5150MHz



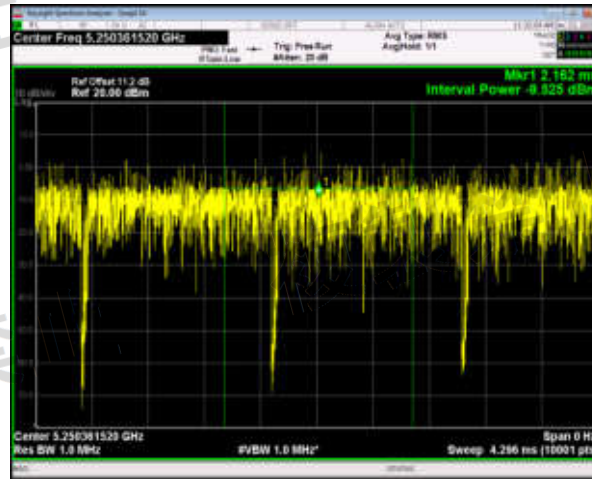
Tx. Spurious NVNT ax20 52@40 5240MHz Ant1 @ 5250MHz-5250.2MHz



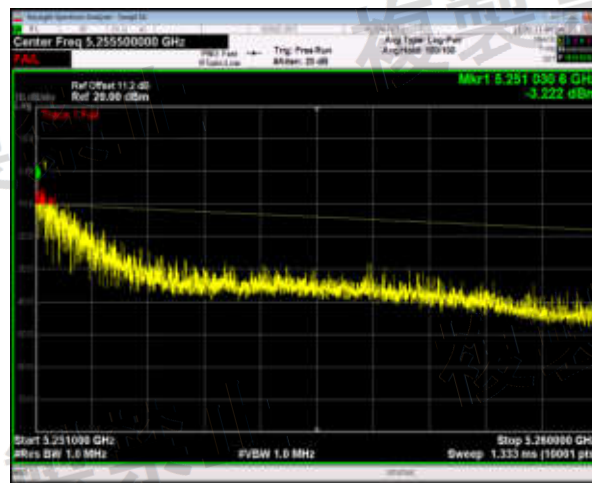
Tx. Spurious NVNT ax20 52@40 5240MHz Ant1 @ 5250MHz-5250.2MHz Final



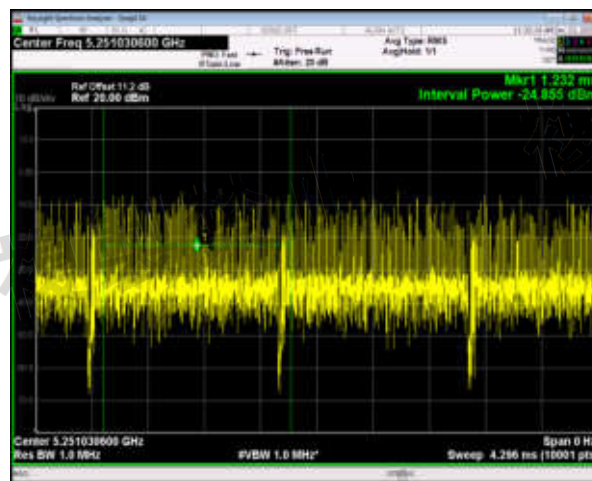
Tx. Spurious NVNT ax20 52@40 5240MHz Ant1 @ 5250.2MHz-5251MHz



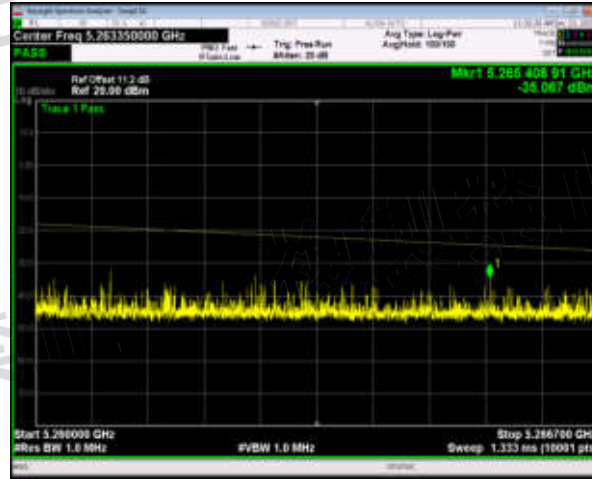
Tx. Spurious NVNT ax20 52@40 5240MHz Ant1 @ 5250.2MHz-5251MHz Final



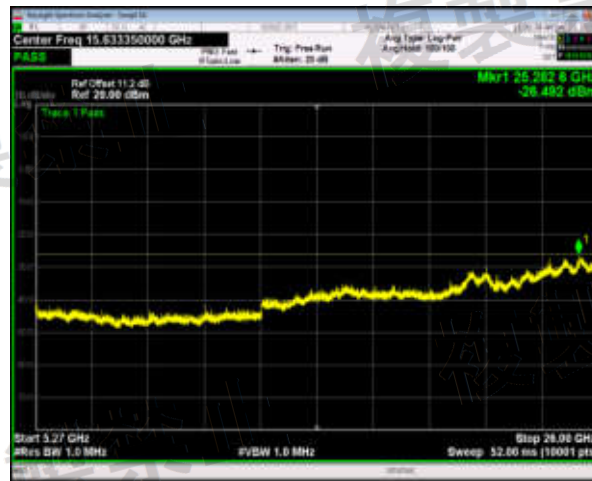
Tx. Spurious NVNT ax20 52@40 5240MHz Ant1 @ 5251MHz-5260MHz



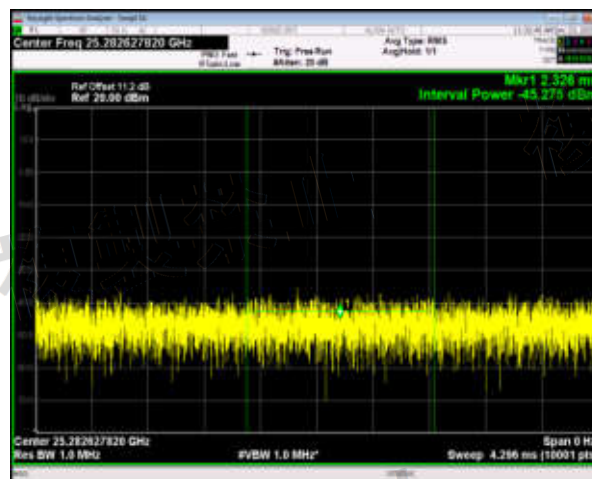
Tx. Spurious NVNT ax20 52@40 5240MHz Ant1 @ 5251MHz-5260MHz Final



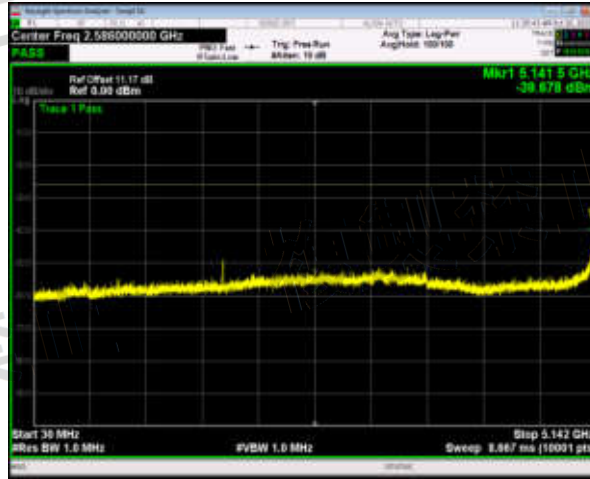
Tx. Spurious NVNT ax20 52@40 5240MHz Ant1 @ 5260MHz-5266.7MHz



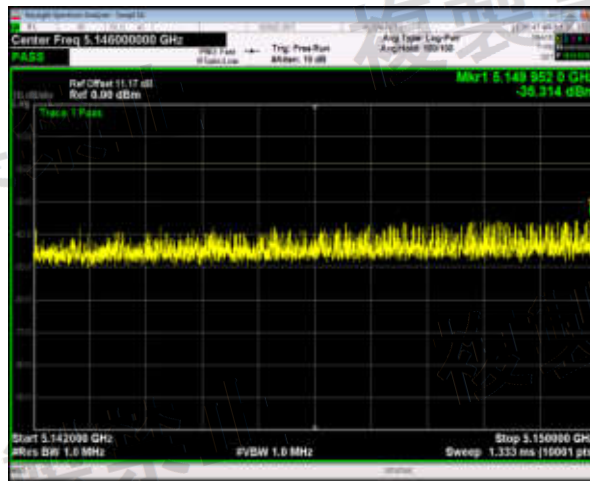
Tx. Spurious NVNT ax20 52@40 5240MHz Ant1 @ 5266.7MHz-26000MHz



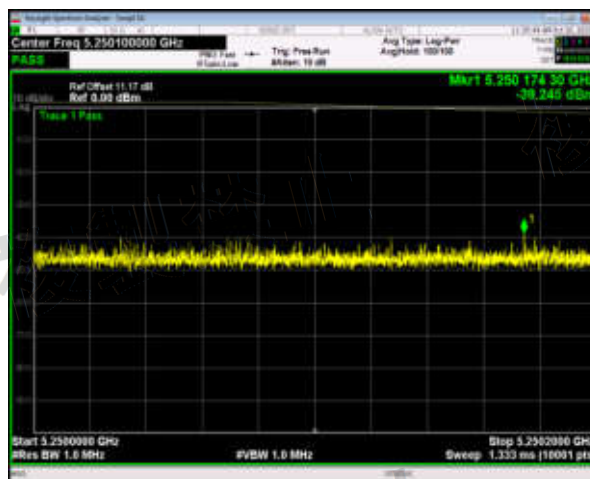
Tx. Spurious NVNT ax20 52@40 5240MHz Ant1 @ 5266.7MHz-26000MHz Final



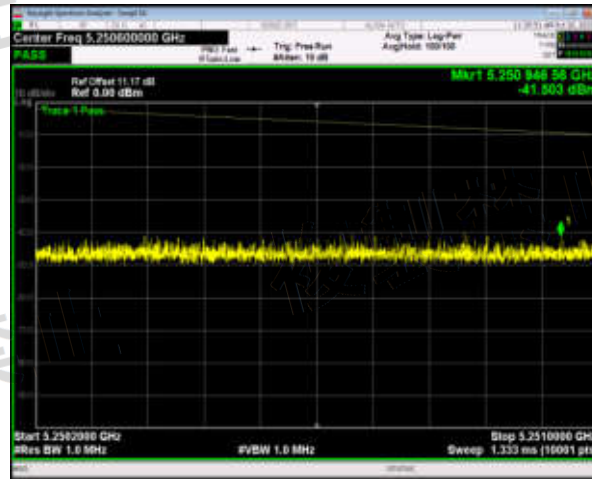
Tx. Spurious NVNT ax20 106@53 5180MHz Ant1 @ 30MHz-5142MHz



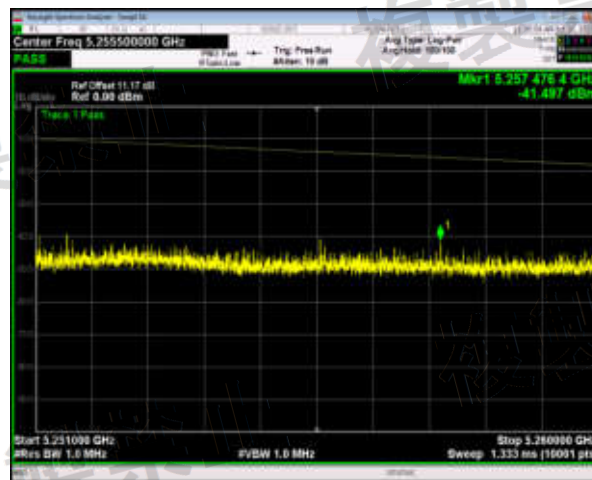
Tx. Spurious NVNT ax20 106@53 5180MHz Ant1 @ 5142MHz-5150MHz



Tx. Spurious NVNT ax20 106@53 5180MHz Ant1 @ 5250MHz-5250.2MHz



Tx. Spurious NVNT ax20 106@53 5180MHz Ant1 @ 5250.2MHz-5251MHz



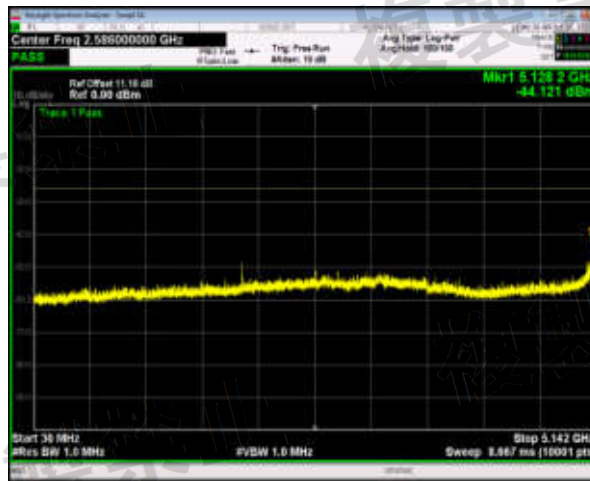
Tx. Spurious NVNT ax20 106@53 5180MHz Ant1 @ 5251MHz-5260MHz



Tx. Spurious NVNT ax20 106@53 5180MHz Ant1 @ 5260MHz-5266.7MHz



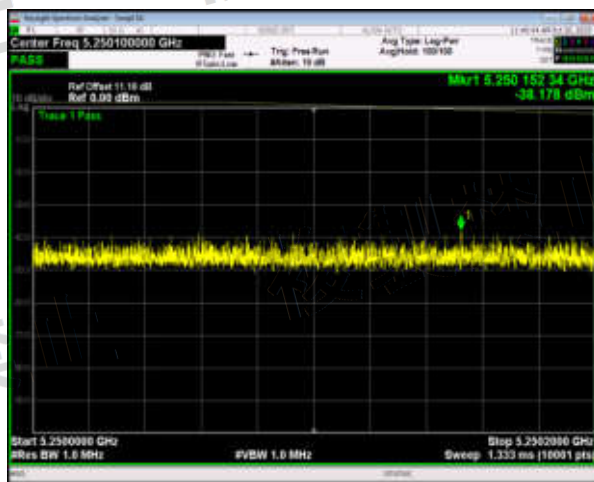
Tx. Spurious NVNT ax20 106@53 5180MHz Ant1 @ 5266.7MHz-26000MHz



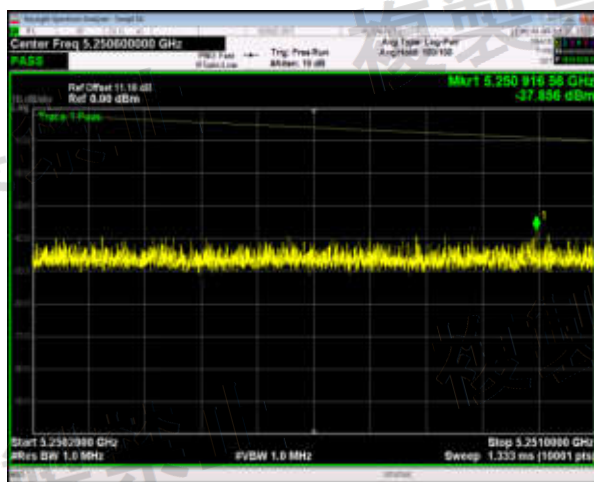
Tx. Spurious NVNT ax20 106@53 5200MHz Ant1 @ 30MHz-5142MHz



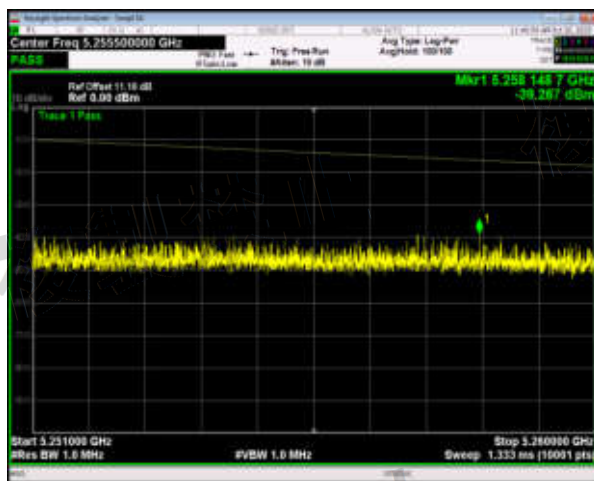
Tx. Spurious NVNT ax20 106@53 5200MHz Ant1 @ 5142MHz-5150MHz



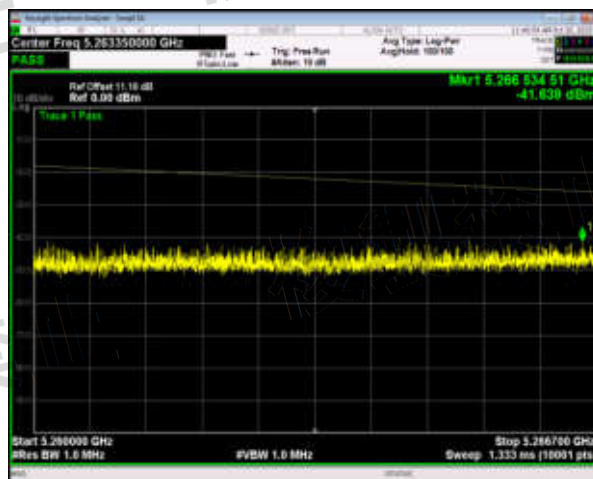
Tx. Spurious NVNT ax20 106@53 5200MHz Ant1 @ 5250MHz-5250.2MHz



Tx. Spurious NVNT ax20 106@53 5200MHz Ant1 @ 5250.2MHz-5251MHz



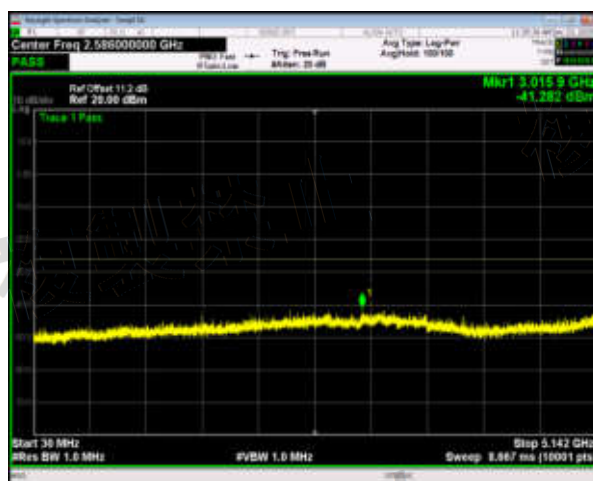
Tx. Spurious NVNT ax20 106@53 5200MHz Ant1 @ 5251MHz-5260MHz



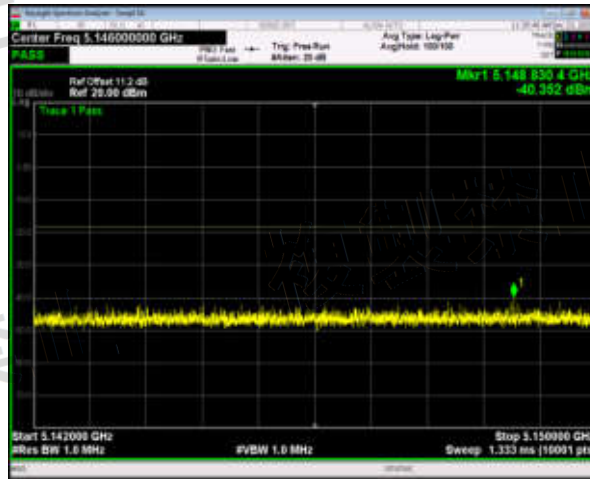
Tx. Spurious NVNT ax20 106@53 5200MHz Ant1 @ 5260MHz-5266.7MHz



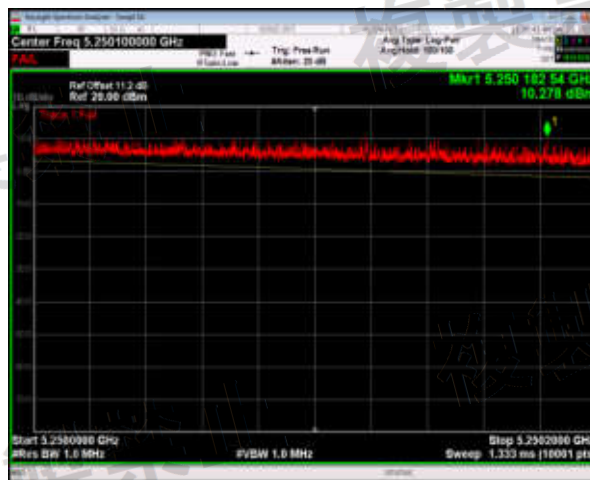
Tx. Spurious NVNT ax20 106@53 5200MHz Ant1 @ 5266.7MHz-26000MHz



Tx. Spurious NVNT ax20 106@54 5240MHz Ant1 @ 30MHz-5142MHz



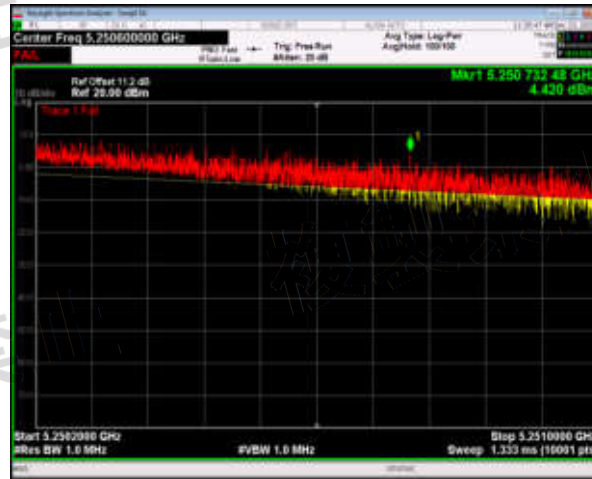
Tx. Spurious NVNT ax20 106@54 5240MHz Ant1 @ 5142MHz-5150MHz



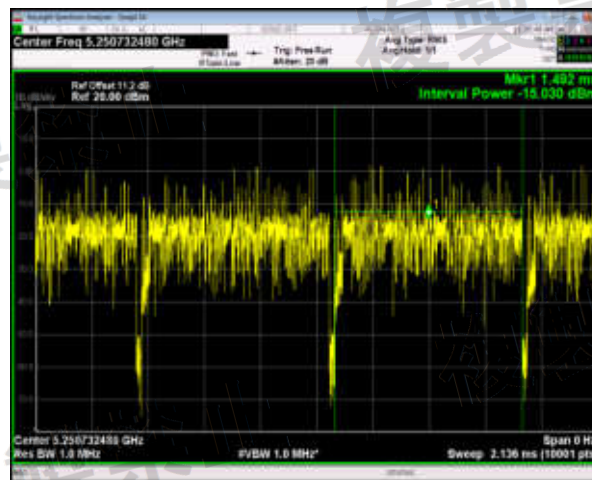
Tx. Spurious NVNT ax20 106@54 5240MHz Ant1 @ 5250MHz-5250.2MHz



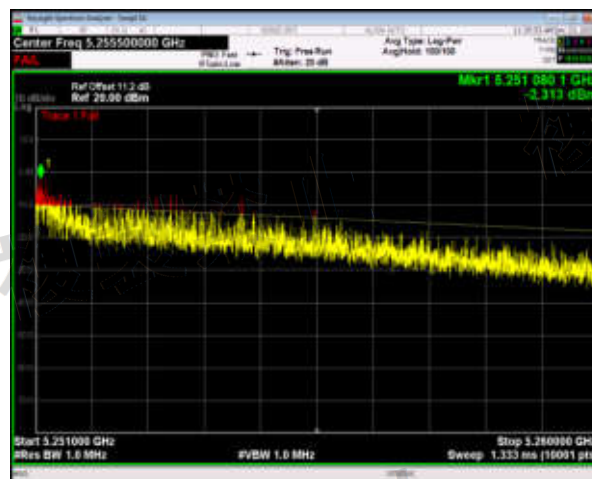
Tx. Spurious NVNT ax20 106@54 5240MHz Ant1 @ 5250MHz-5250.2MHz Final



Tx. Spurious NVNT ax20 106@54 5240MHz Ant1 @ 5250.2MHz-5251MHz



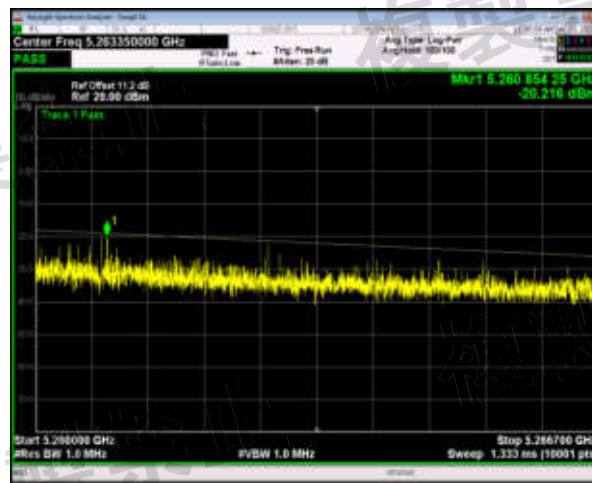
Tx. Spurious NVNT ax20 106@54 5240MHz Ant1 @ 5250.2MHz-5251MHz Final



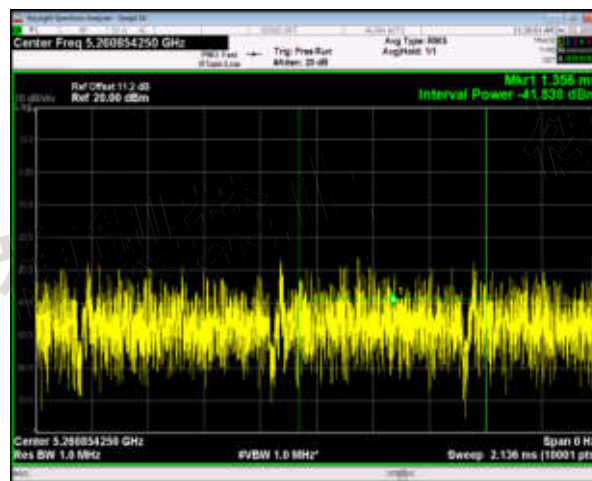
Tx. Spurious NVNT ax20 106@54 5240MHz Ant1 @ 5251MHz-5260MHz



Tx. Spurious NVNT ax20 106@54 5240MHz Ant1 @ 5251MHz-5260MHz Final



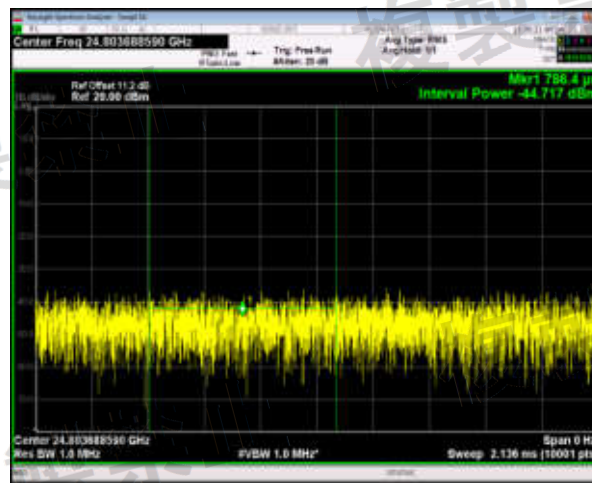
Tx. Spurious NVNT ax20 106@54 5240MHz Ant1 @ 5260MHz-5266.7MHz



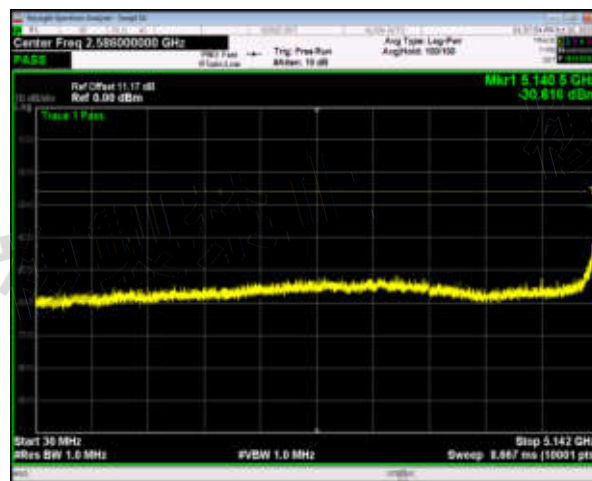
Tx. Spurious NVNT ax20 106@54 5240MHz Ant1 @ 5260MHz-5266.7MHz Final



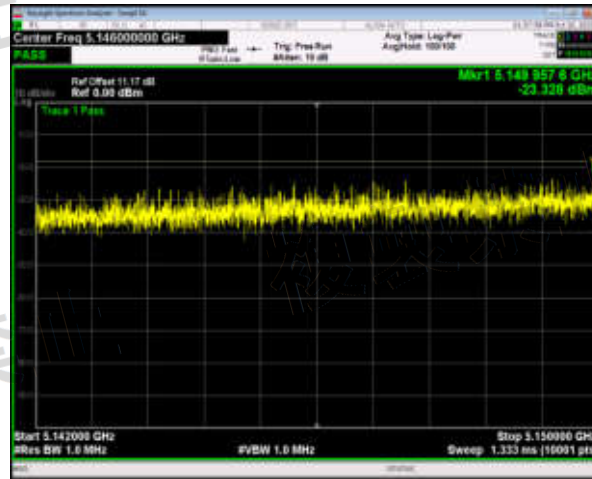
Tx. Spurious NVNT ax20 106@54 5240MHz Ant1 @ 5266.7MHz-26000MHz



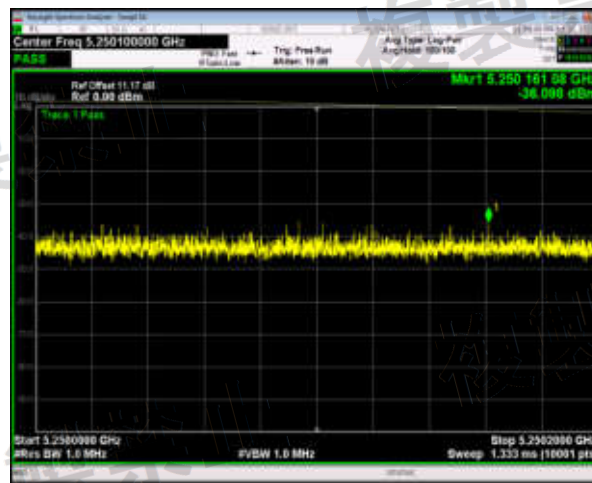
Tx. Spurious NVNT ax20 106@54 5240MHz Ant1 @ 5266.7MHz-26000MHz Final



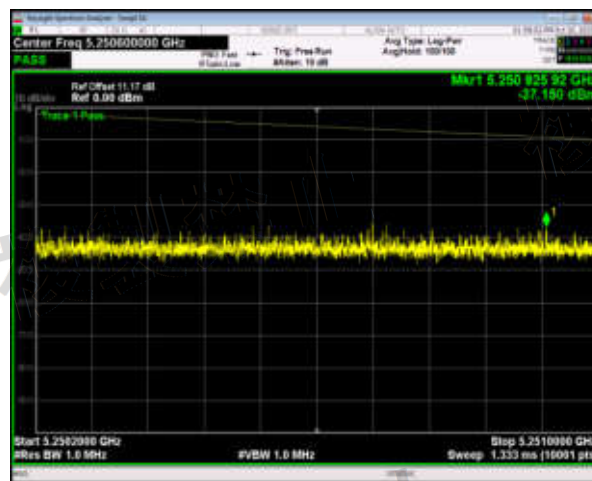
Tx. Spurious NVNT ax20 242@61 5180MHz Ant1 @ 30MHz-5142MHz



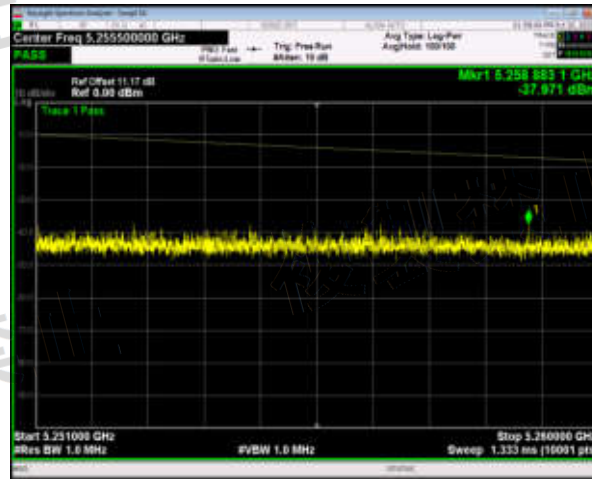
Tx. Spurious NVNT ax20 242@61 5180MHz Ant1 @ 5142MHz-5150MHz



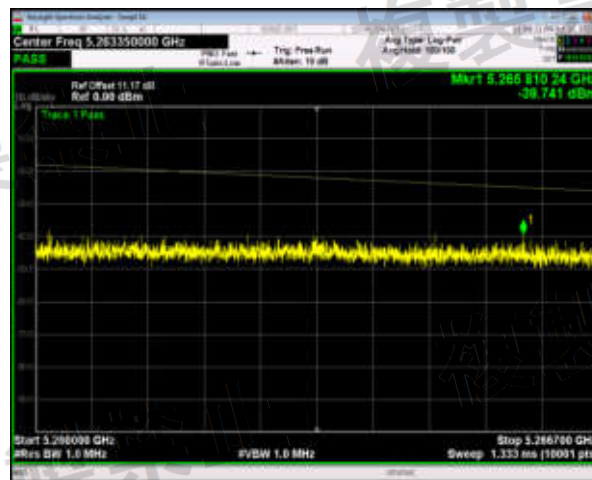
Tx. Spurious NVNT ax20 242@61 5180MHz Ant1 @ 5250MHz-5250.2MHz



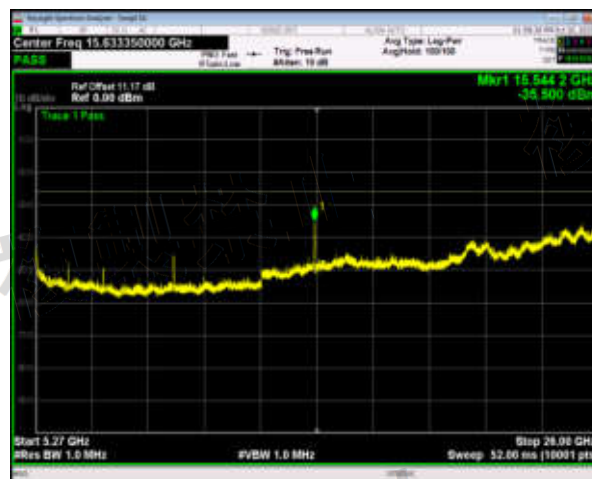
Tx. Spurious NVNT ax20 242@61 5180MHz Ant1 @ 5250.2MHz-5251MHz



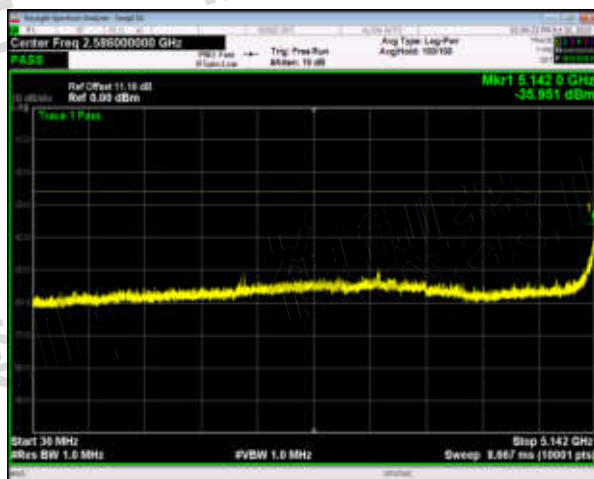
Tx. Spurious NVNT ax20 242@61 5180MHz Ant1 @ 5251MHz-5260MHz



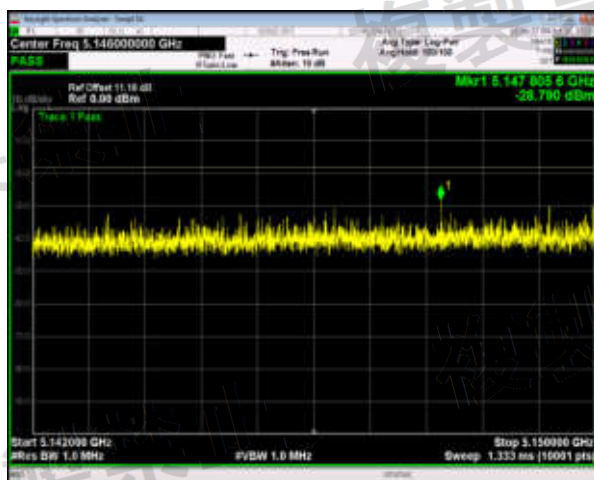
Tx. Spurious NVNT ax20 242@61 5180MHz Ant1 @ 5260MHz-5266.7MHz



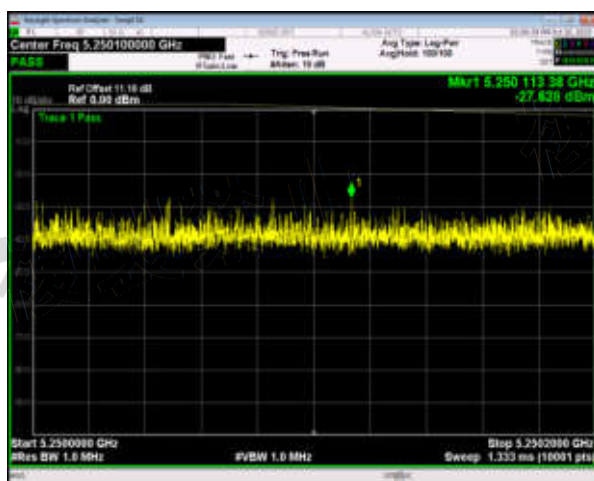
Tx. Spurious NVNT ax20 242@61 5180MHz Ant1 @ 5266.7MHz-26000MHz



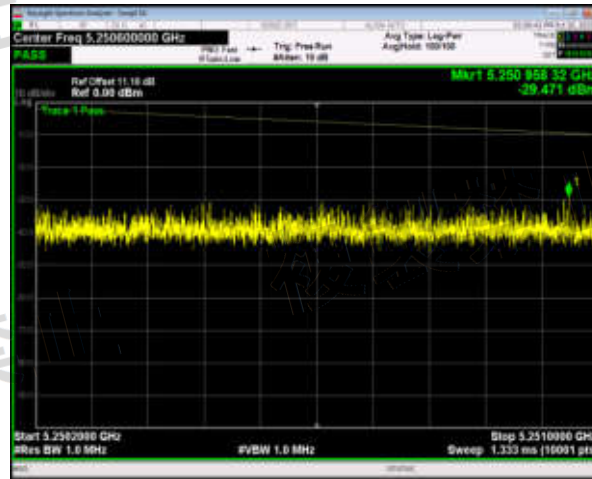
Tx. Spurious NVNT ax20 242@61 5200MHz Ant1 @ 30MHz-5142MHz



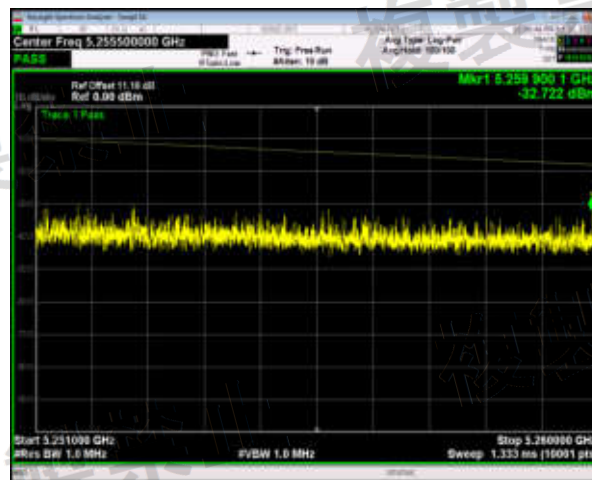
Tx. Spurious NVNT ax20 242@61 5200MHz Ant1 @ 5142MHz-5150MHz



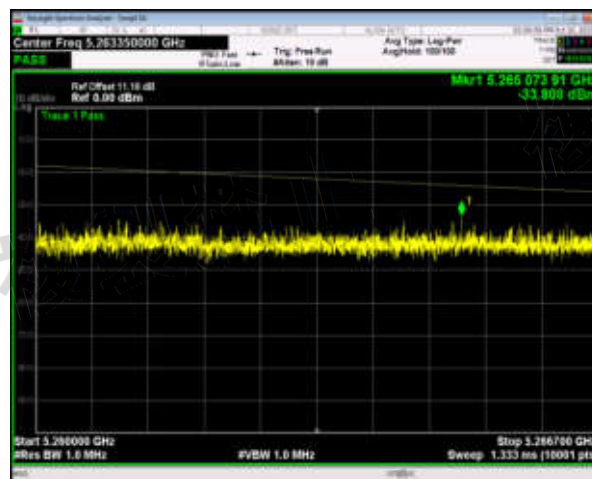
Tx. Spurious NVNT ax20 242@61 5200MHz Ant1 @ 5250MHz-5250.2MHz



Tx. Spurious NVNT ax20 242@61 5200MHz Ant1 @ 5250.2MHz-5251MHz



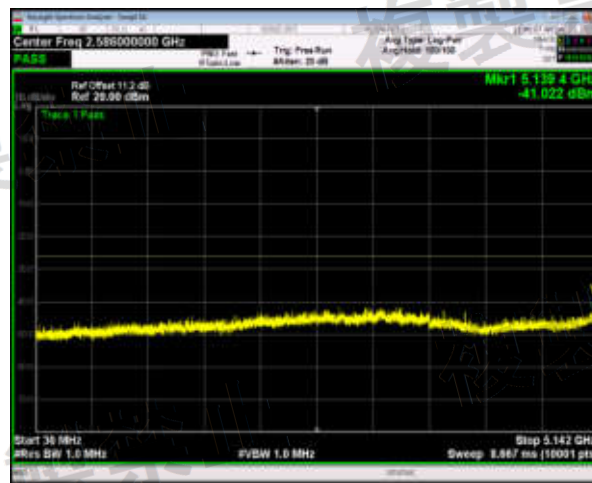
Tx. Spurious NVNT ax20 242@61 5200MHz Ant1 @ 5251MHz-5260MHz



Tx. Spurious NVNT ax20 242@61 5200MHz Ant1 @ 5260MHz-5266.7MHz



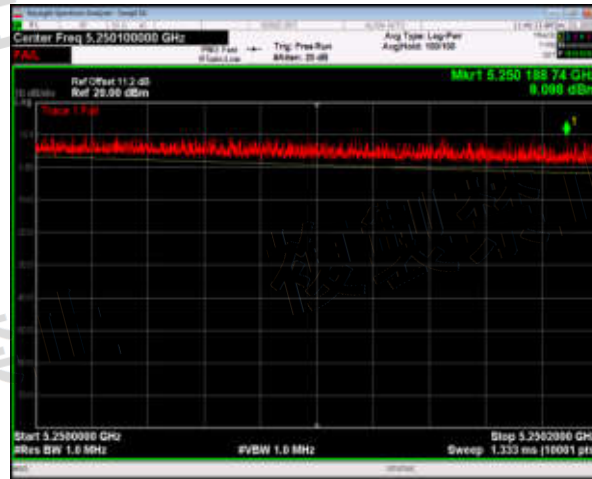
Tx. Spurious NVNT ax20 242@61 5200MHz Ant1 @ 5266.7MHz-26000MHz



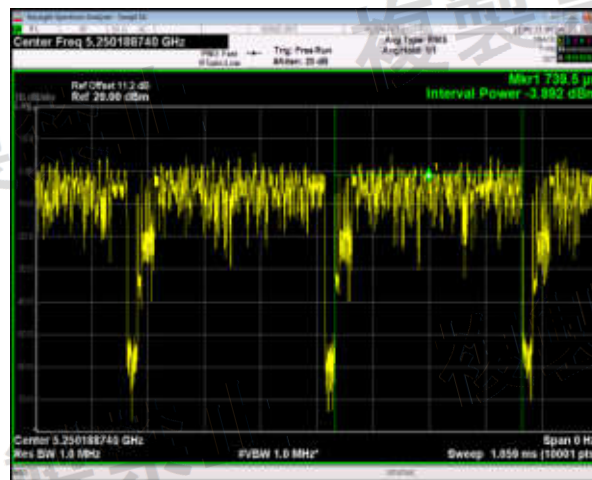
Tx. Spurious NVNT ax20 242@61 5240MHz Ant1 @ 30MHz-5142MHz



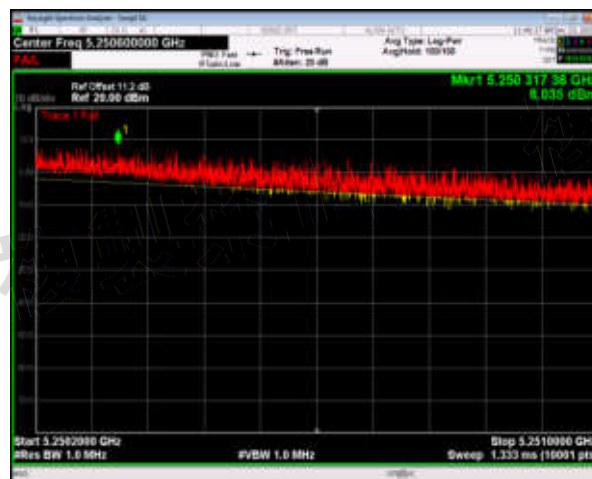
Tx. Spurious NVNT ax20 242@61 5240MHz Ant1 @ 5142MHz-5150MHz



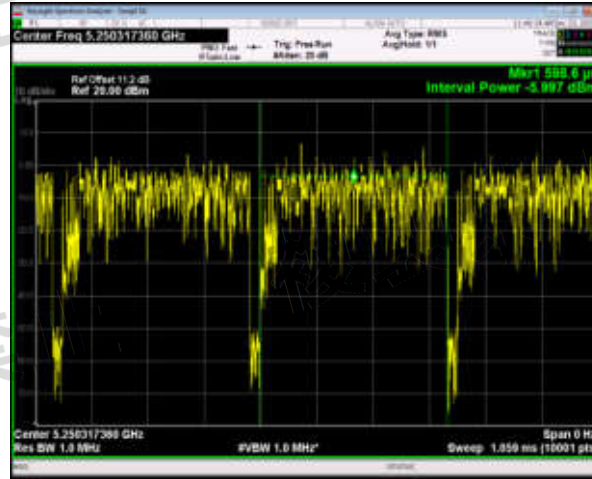
Tx. Spurious NVNT ax20 242@61 5240MHz Ant1 @ 5250MHz-5250.2MHz



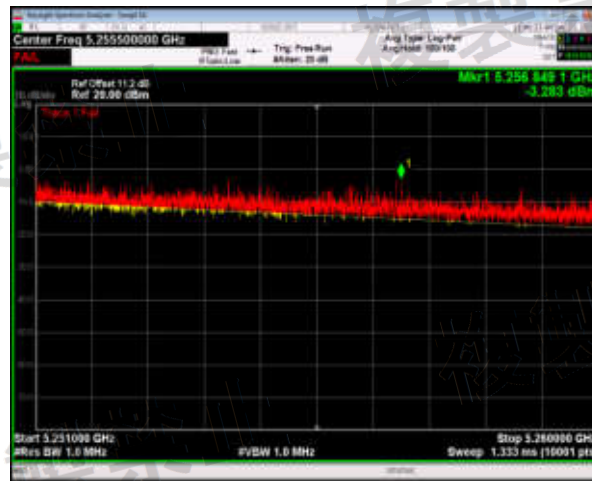
Tx. Spurious NVNT ax20 242@61 5240MHz Ant1 @ 5250MHz-5250.2MHz Final



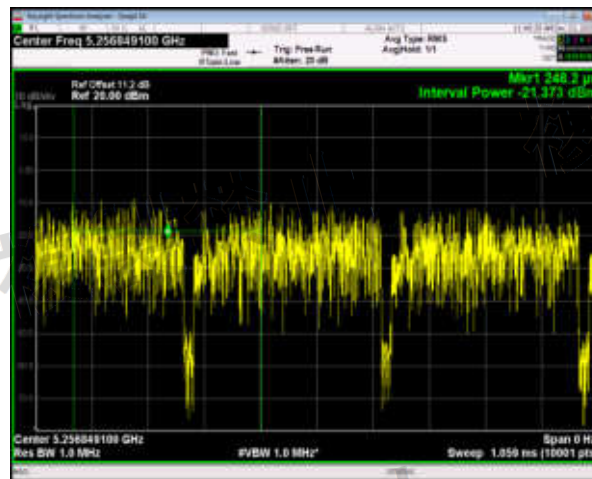
Tx. Spurious NVNT ax20 242@61 5240MHz Ant1 @ 5250.2MHz-5251MHz



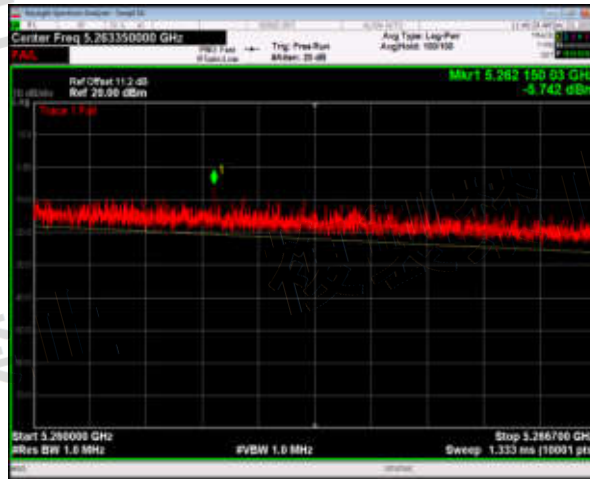
Tx. Spurious NVNT ax20 242@61 5240MHz Ant1 @ 5250.2MHz-5251MHz Final



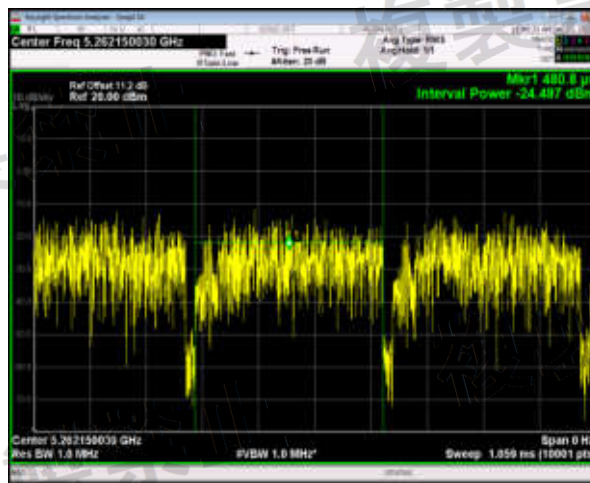
Tx. Spurious NVNT ax20 242@61 5240MHz Ant1 @ 5251MHz-5260MHz



Tx. Spurious NVNT ax20 242@61 5240MHz Ant1 @ 5251MHz-5260MHz Final



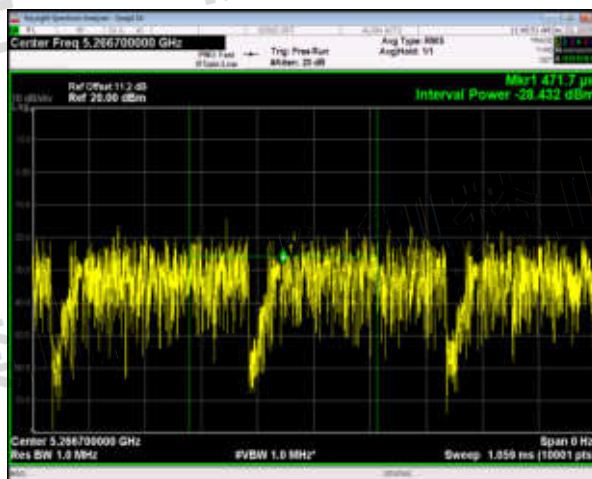
Tx. Spurious NVNT ax20 242@61 5240MHz Ant1 @ 5260MHz-5266.7MHz



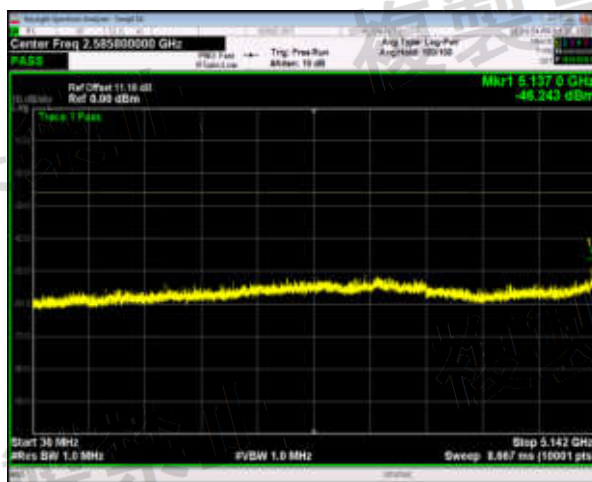
Tx. Spurious NVNT ax20 242@61 5240MHz Ant1 @ 5260MHz-5266.7MHz Final



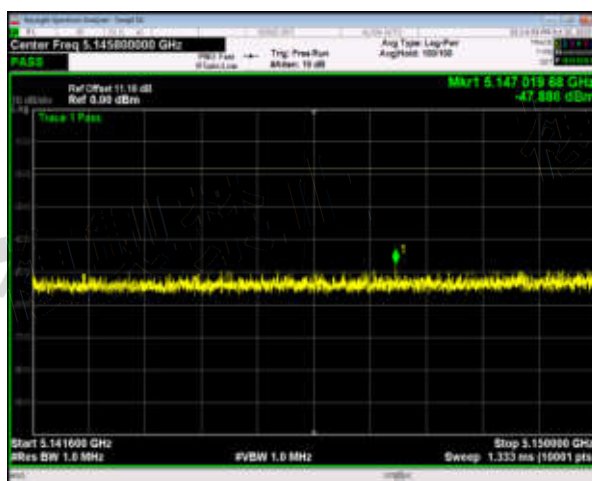
Tx. Spurious NVNT ax20 242@61 5240MHz Ant1 @ 5266.7MHz-26000MHz



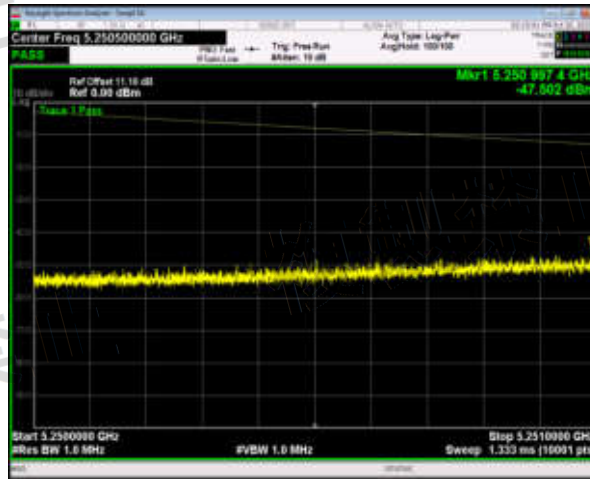
Tx. Spurious NVNT ax20 242@61 5240MHz Ant1 @ 5266.7MHz-26000MHz Final



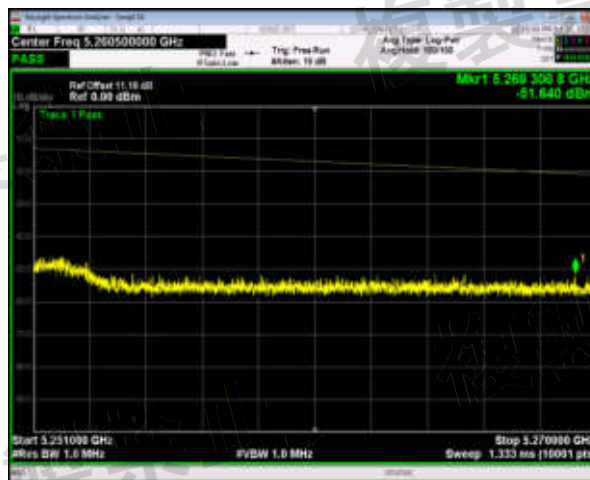
Tx. Spurious NVNT ax40 26@0 5190MHz Ant1 @ 30MHz-5141.6MHz



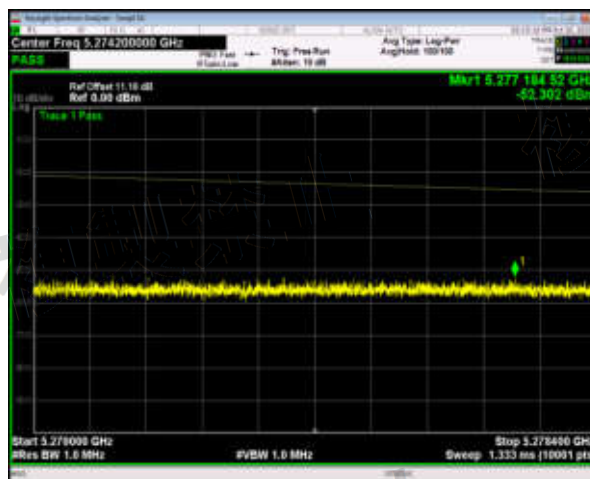
Tx. Spurious NVNT ax40 26@0 5190MHz Ant1 @ 5141.6MHz-5150MHz



Tx. Spurious NVNT ax40 26@0 5190MHz Ant1 @ 5250MHz-5251MHz



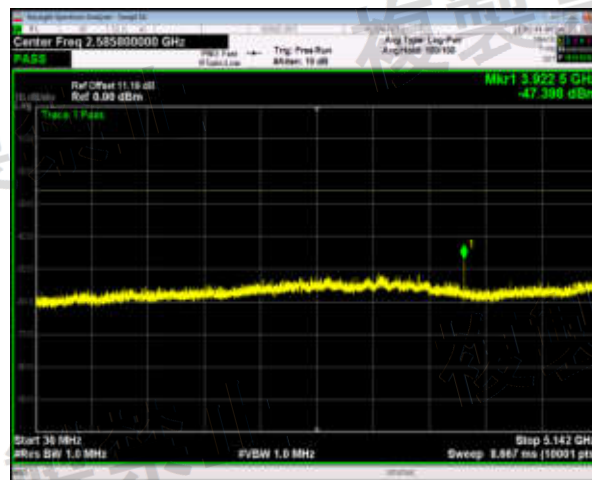
Tx. Spurious NVNT ax40 26@0 5190MHz Ant1 @ 5251MHz-5270MHz



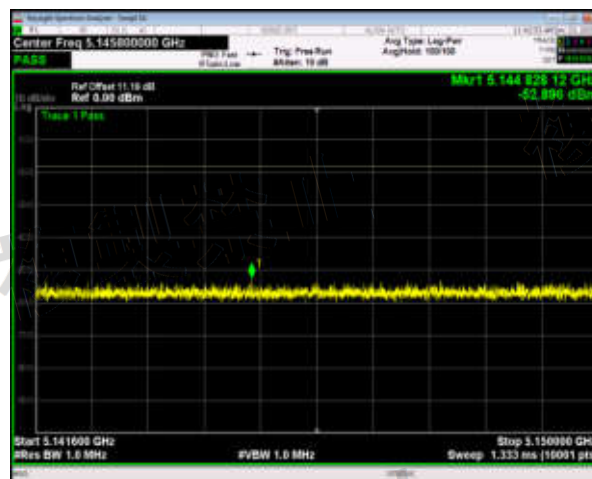
Tx. Spurious NVNT ax40 26@0 5190MHz Ant1 @ 5270MHz-5278.4MHz



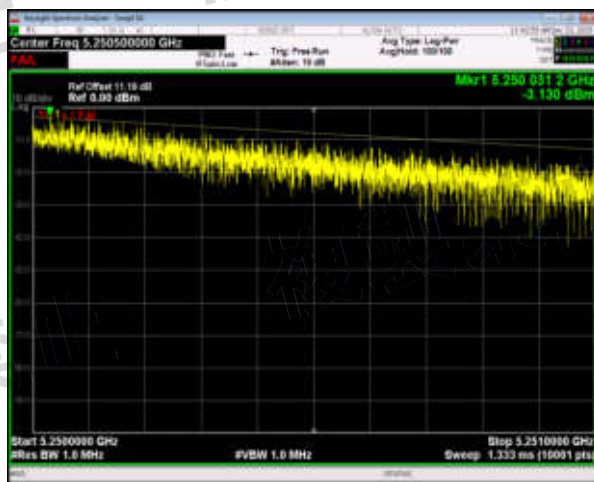
Tx. Spurious NVNT ax40 26@0 5190MHz Ant1 @ 5278.4MHz-26000MHz



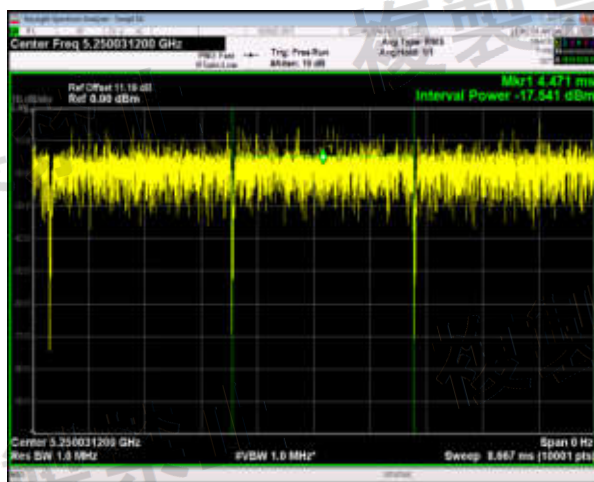
Tx. Spurious NVNT ax40 26@17 5230MHz Ant1 @ 30MHz-5141.6MHz



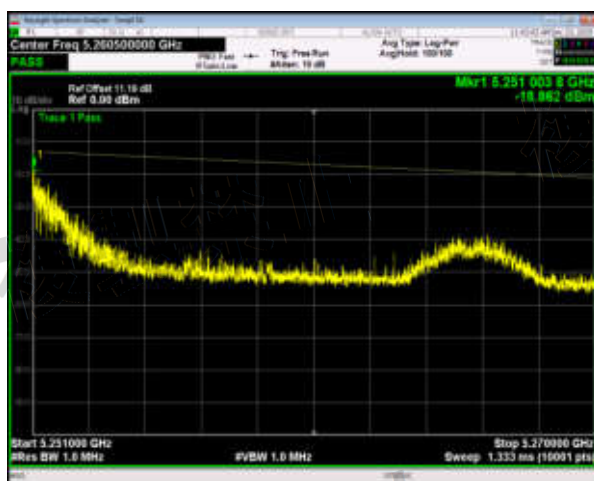
Tx. Spurious NVNT ax40 26@17 5230MHz Ant1 @ 5141.6MHz-5150MHz



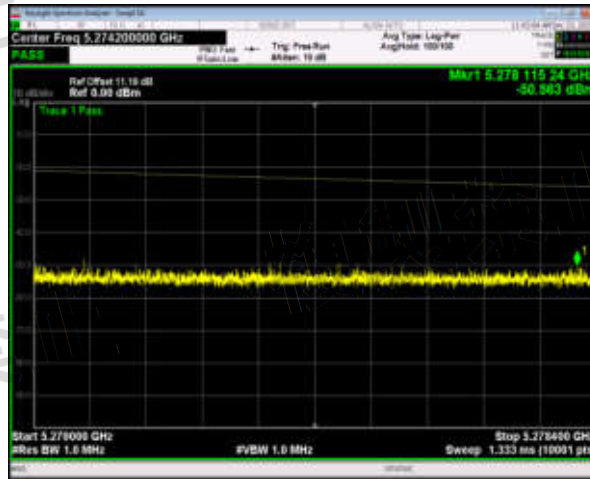
Tx. Spurious NVNT ax40 26@17 5230MHz Ant1 @ 5250MHz-5251MHz



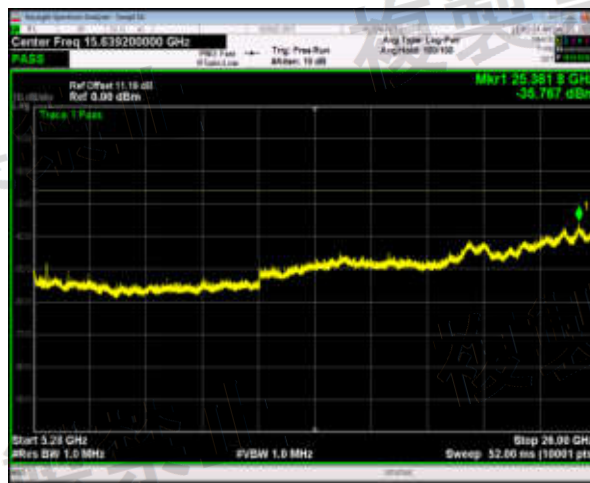
Tx. Spurious NVNT ax40 26@17 5230MHz Ant1 @ 5250MHz-5251MHz Final



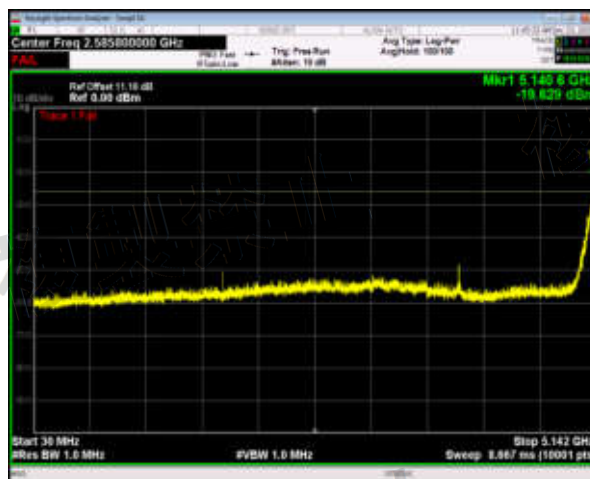
Tx. Spurious NVNT ax40 26@17 5230MHz Ant1 @ 5251MHz-5270MHz



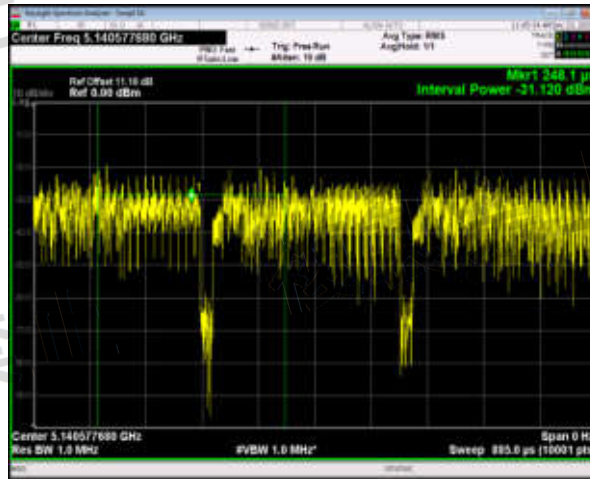
Tx. Spurious NVNT ax40 26@17 5230MHz Ant1 @ 5270MHz-5278.4MHz



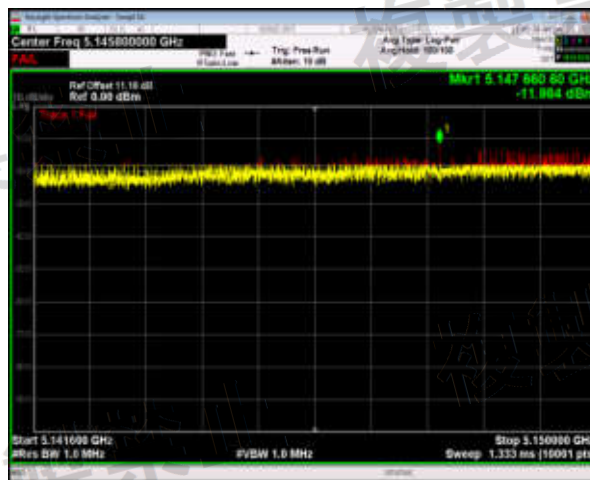
Tx. Spurious NVNT ax40 26@17 5230MHz Ant1 @ 5278.4MHz-26000MHz



Tx. Spurious NVNT ax40 484@65 5190MHz Ant1 @ 30MHz-5141.6MHz



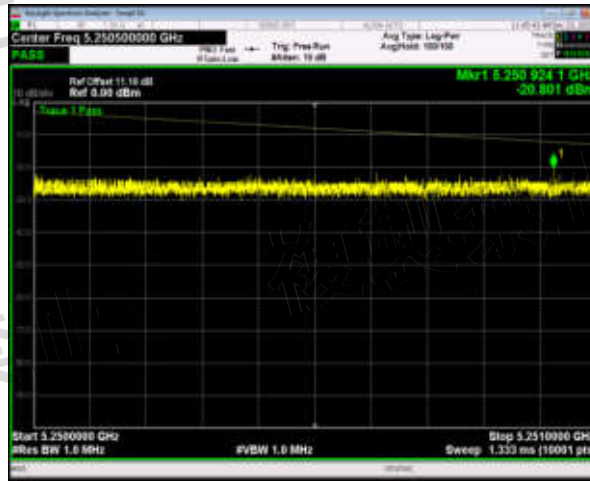
Tx. Spurious NVNT ax40 484@65 5190MHz Ant1 @ 30MHz-5141.6MHz Final



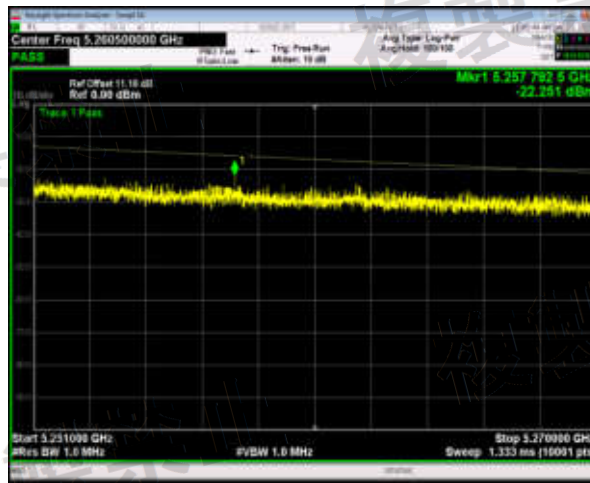
Tx. Spurious NVNT ax40 484@65 5190MHz Ant1 @ 5141.6MHz-5150MHz



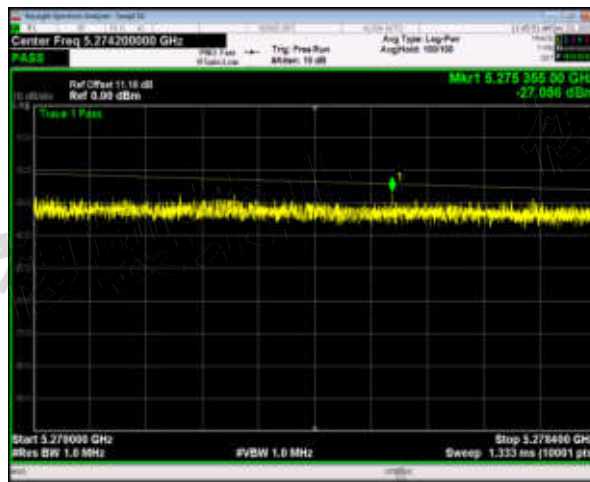
Tx. Spurious NVNT ax40 484@65 5190MHz Ant1 @ 5141.6MHz-5150MHz Final



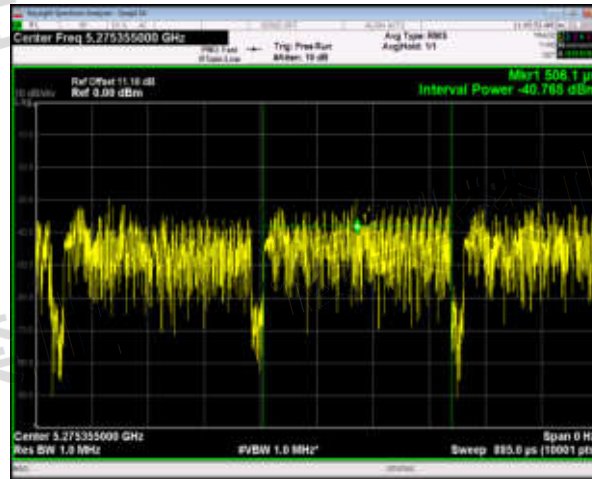
Tx. Spurious NVNT ax40 484@65 5190MHz Ant1 @ 5250MHz-5251MHz



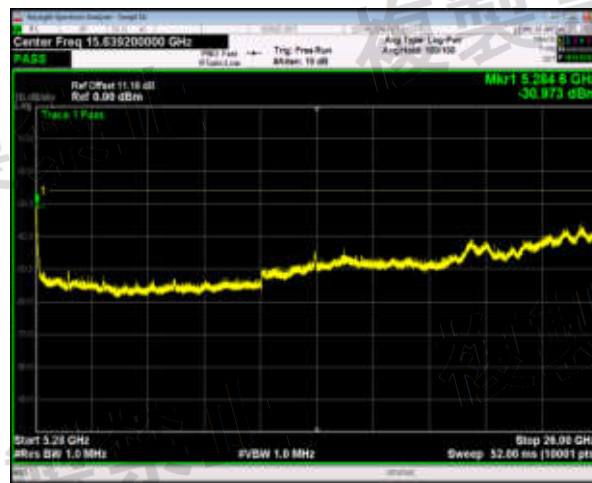
Tx. Spurious NVNT ax40 484@65 5190MHz Ant1 @ 5251MHz-5270MHz



Tx. Spurious NVNT ax40 484@65 5190MHz Ant1 @ 5270MHz-5278.4MHz



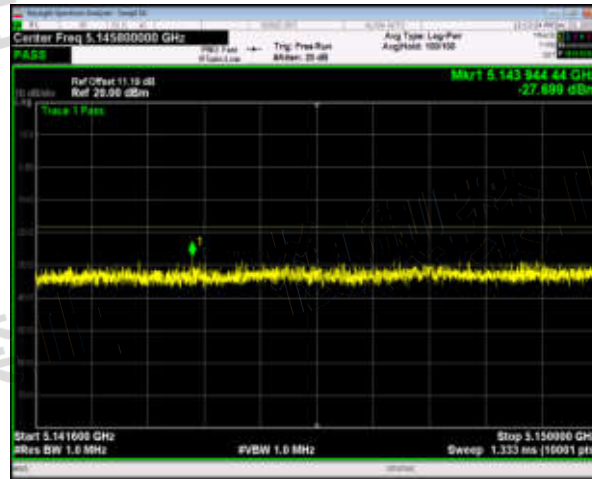
Tx. Spurious NVNT ax40 484@65 5190MHz Ant1 @ 5270MHz-5278.4MHz Final



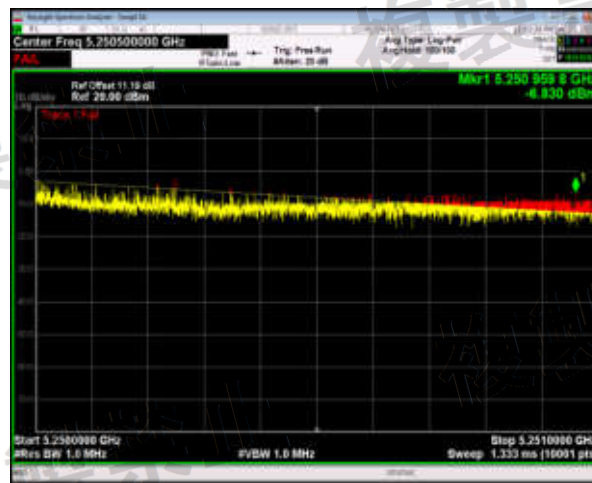
Tx. Spurious NVNT ax40 484@65 5190MHz Ant1 @ 5278.4MHz-26000MHz



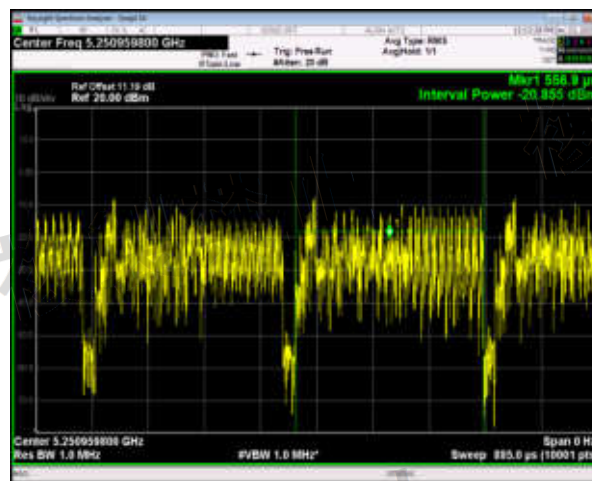
Tx. Spurious NVNT ax40 484@65 5230MHz Ant1 @ 30MHz-5141.6MHz



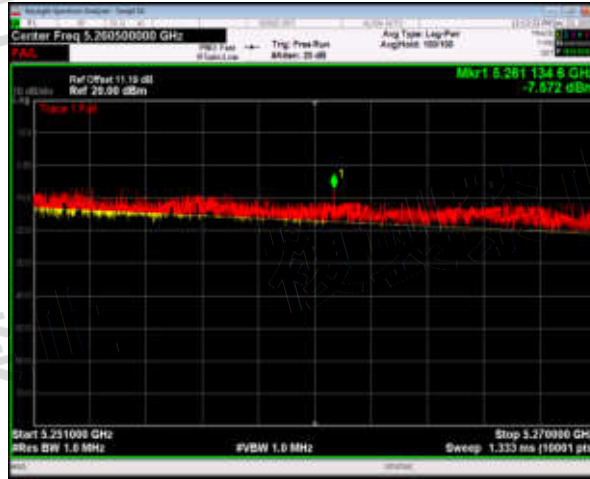
Tx. Spurious NVNT ax40 484@65 5230MHz Ant1 @ 5141.6MHz-5150MHz



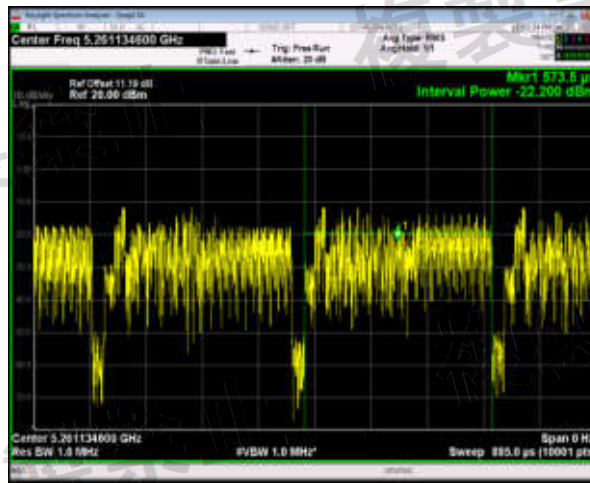
Tx. Spurious NVNT ax40 484@65 5230MHz Ant1 @ 5250MHz-5251MHz



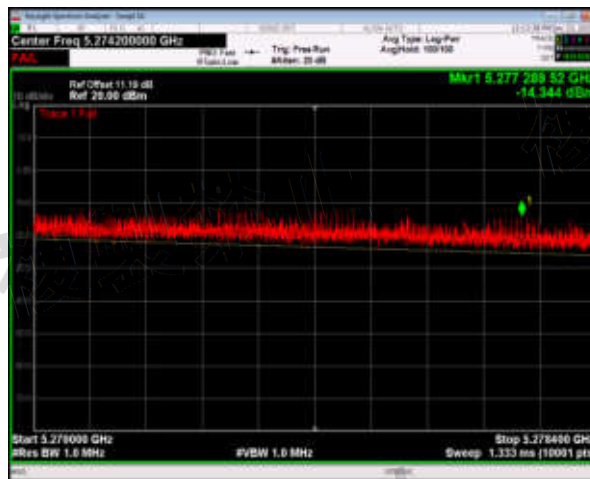
Tx. Spurious NVNT ax40 484@65 5230MHz Ant1 @ 5250MHz-5251MHz Final



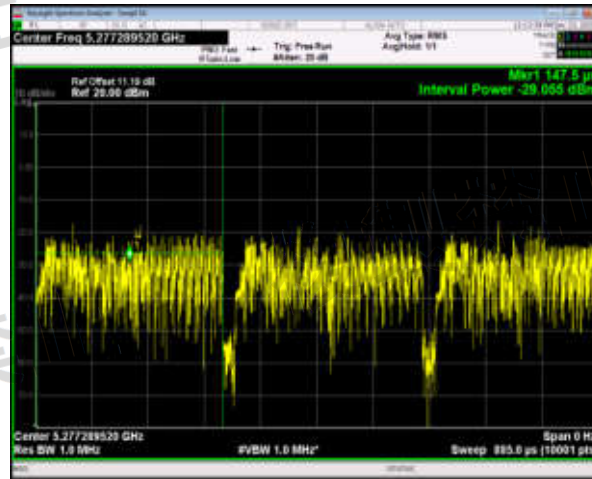
Tx. Spurious NVNT ax40 484@65 5230MHz Ant1 @ 5251MHz-5270MHz



Tx. Spurious NVNT ax40 484@65 5230MHz Ant1 @ 5251MHz-5270MHz Final



Tx. Spurious NVNT ax40 484@65 5230MHz Ant1 @ 5270MHz-5278.4MHz



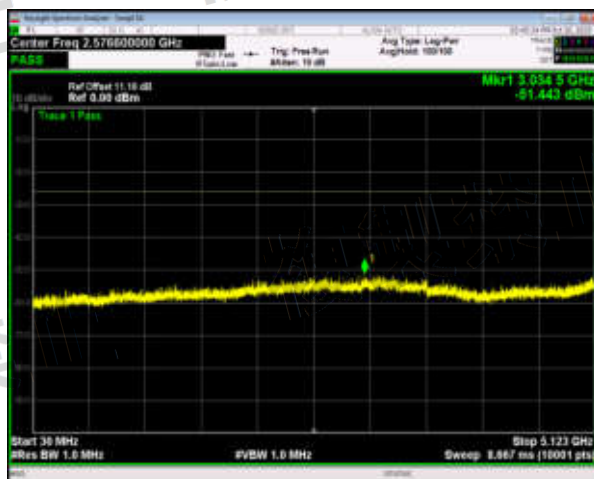
Tx. Spurious NVNT ax40 484@65 5230MHz Ant1 @ 5270MHz-5278.4MHz Final



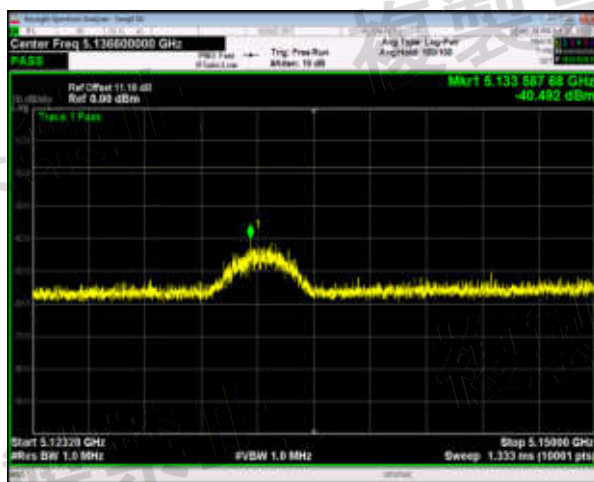
Tx. Spurious NVNT ax40 484@65 5230MHz Ant1 @ 5278.4MHz-26000MHz



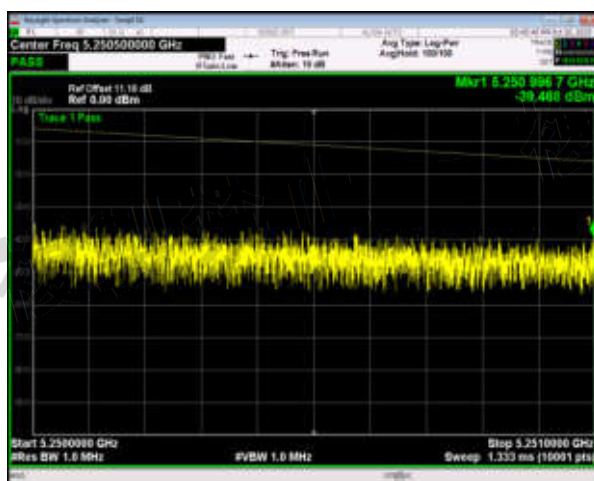
Tx. Spurious NVNT ax40 484@65 5230MHz Ant1 @ 5278.4MHz-26000MHz Final



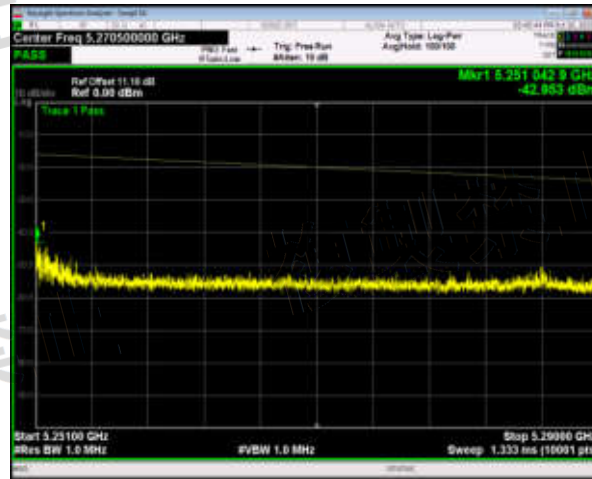
Tx. Spurious NVNT ax80 26@0 5210MHz Ant1 @ 30MHz-5123.2MHz



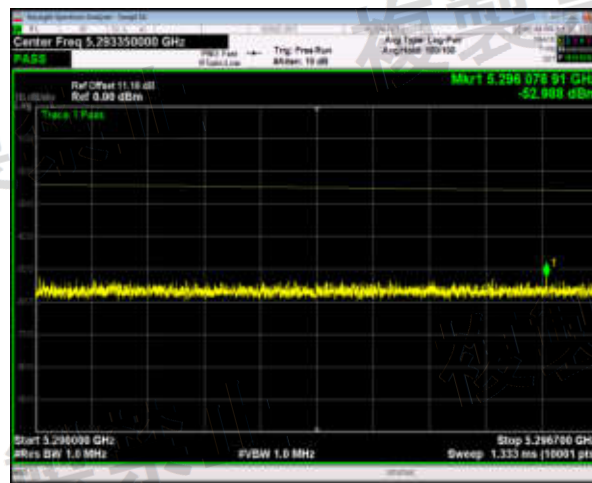
Tx. Spurious NVNT ax80 26@0 5210MHz Ant1 @ 5123.2MHz-5150MHz



Tx. Spurious NVNT ax80 26@0 5210MHz Ant1 @ 5250MHz-5251MHz



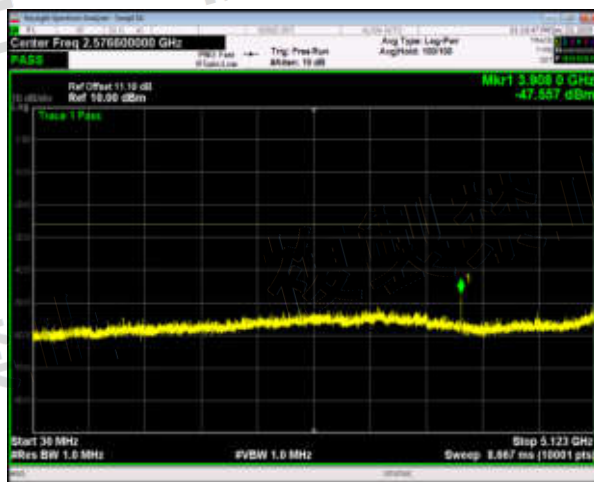
Tx. Spurious NVNT ax80 26@0 5210MHz Ant1 @ 5251MHz-5290MHz



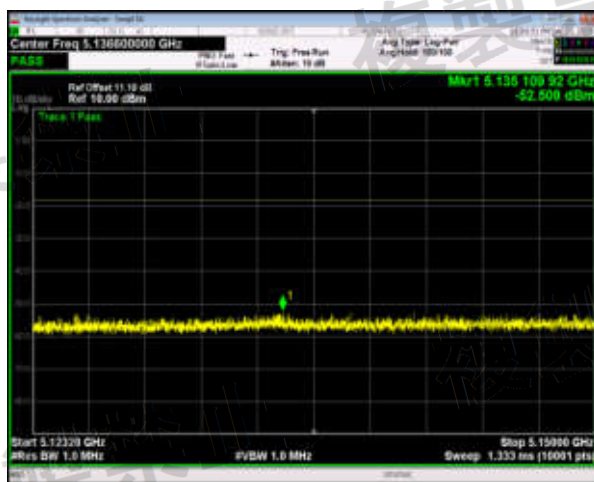
Tx. Spurious NVNT ax80 26@0 5210MHz Ant1 @ 5290MHz-5296.7MHz



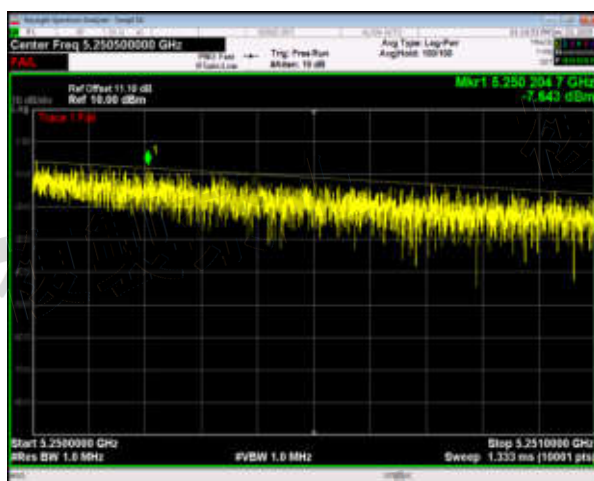
Tx. Spurious NVNT ax80 26@0 5210MHz Ant1 @ 5296.7MHz-26000MHz



Tx. Spurious NVNT ax80 26@36 5210MHz Ant1 @ 30MHz-5123.2MHz



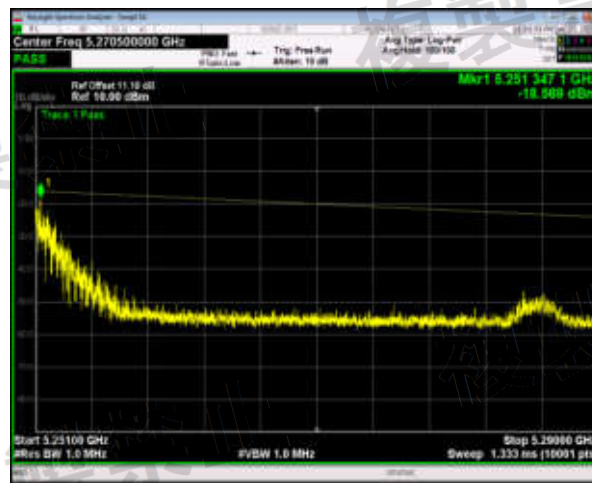
Tx. Spurious NVNT ax80 26@36 5210MHz Ant1 @ 5123.2MHz-5150MHz



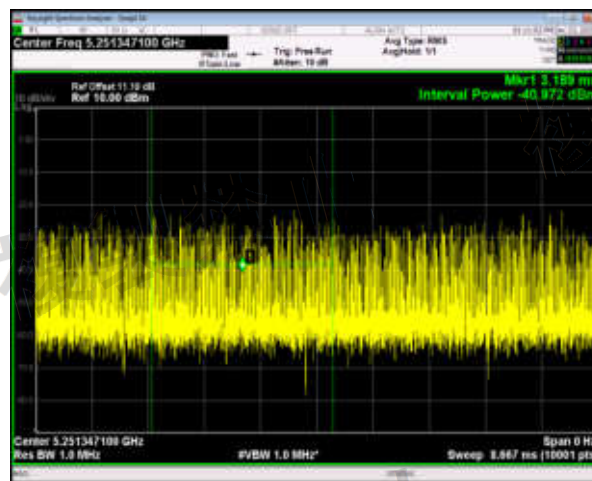
Tx. Spurious NVNT ax80 26@36 5210MHz Ant1 @ 5250MHz-5251MHz



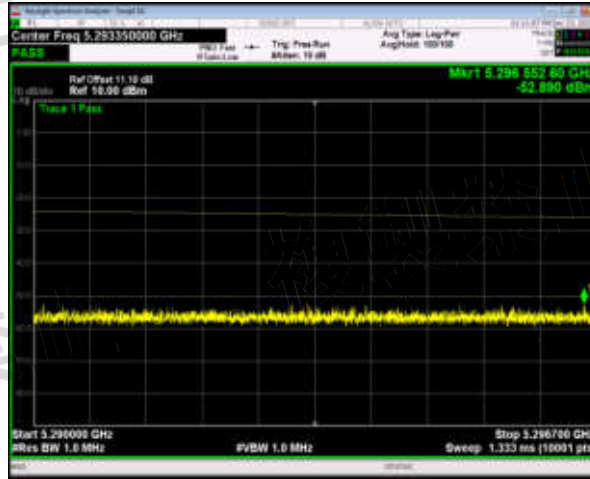
Tx. Spurious NVNT ax80 26@36 5210MHz Ant1 @ 5250MHz-5251MHz Final



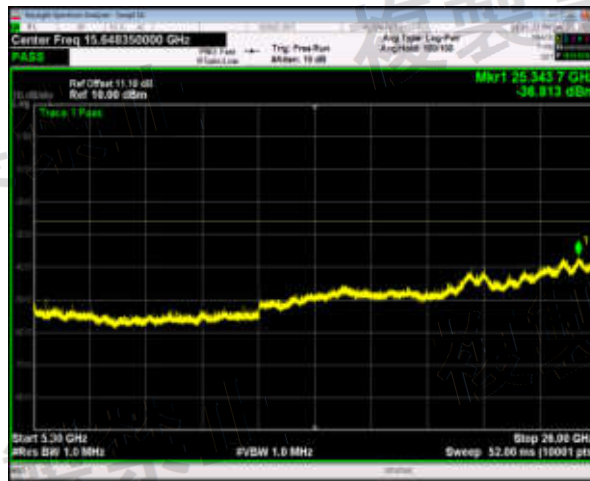
Tx. Spurious NVNT ax80 26@36 5210MHz Ant1 @ 5251MHz-5290MHz



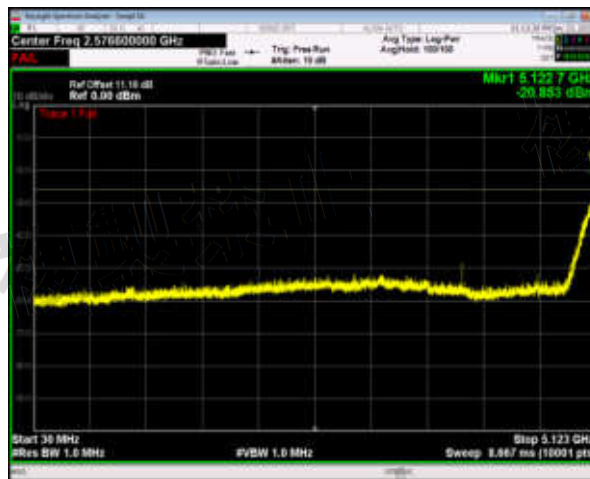
Tx. Spurious NVNT ax80 26@36 5210MHz Ant1 @ 5251MHz-5290MHz Final



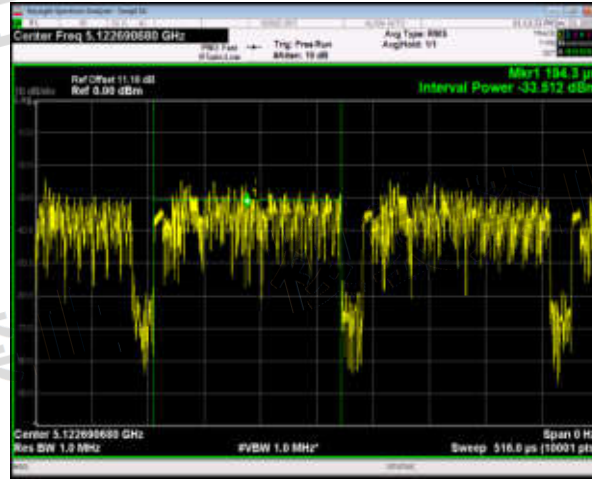
Tx. Spurious NVNT ax80 26@36 5210MHz Ant1 @ 5290MHz-5296.7MHz



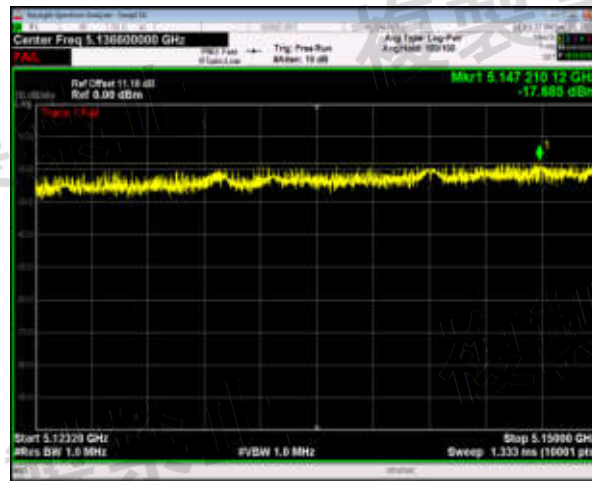
Tx. Spurious NVNT ax80 26@36 5210MHz Ant1 @ 5296.7MHz-26000MHz



Tx. Spurious NVNT ax80 996@67 5210MHz Ant1 @ 30MHz-5123.2MHz



Tx. Spurious NVNT ax80 996@67 5210MHz Ant1 @ 30MHz-5123.2MHz Final



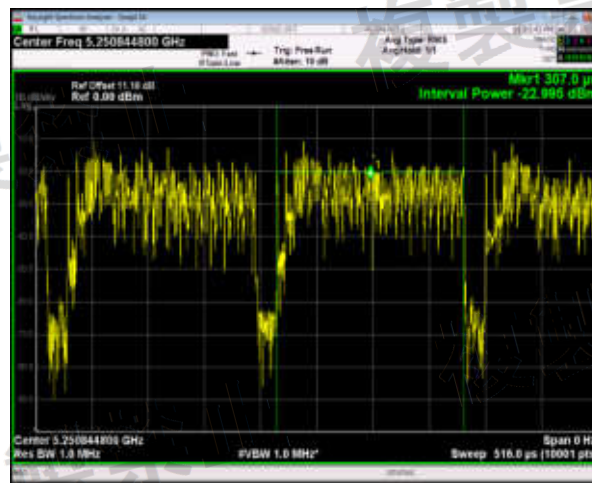
Tx. Spurious NVNT ax80 996@67 5210MHz Ant1 @ 5123.2MHz-5150MHz



Tx. Spurious NVNT ax80 996@67 5210MHz Ant1 @ 5123.2MHz-5150MHz Final



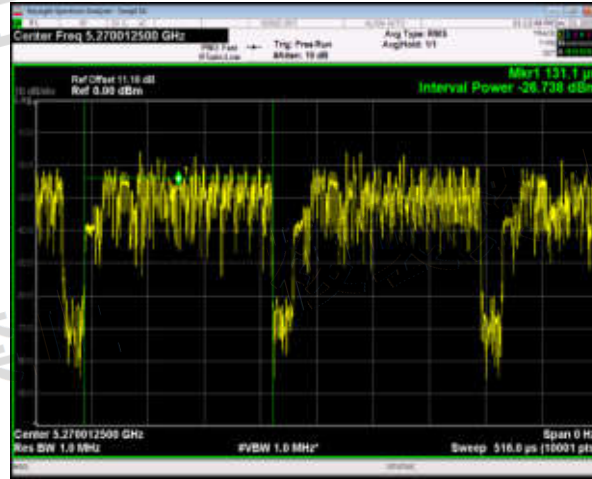
Tx. Spurious NVNT ax80 996@67 5210MHz Ant1 @ 5250MHz-5251MHz



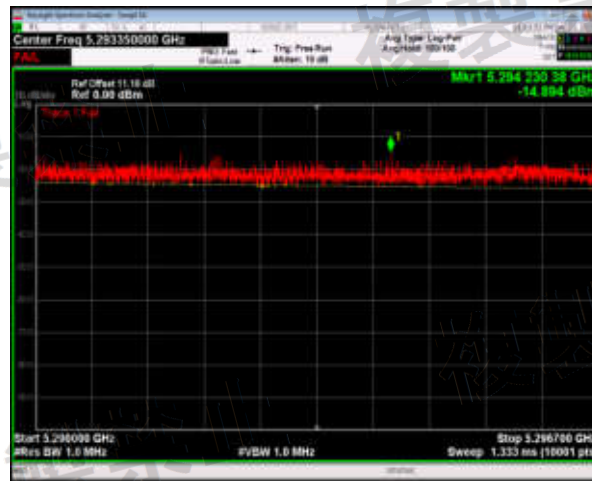
Tx. Spurious NVNT ax80 996@67 5210MHz Ant1 @ 5250MHz-5251MHz Final



Tx. Spurious NVNT ax80 996@67 5210MHz Ant1 @ 5251MHz-5290MHz



Tx. Spurious NVNT ax80 996@67 5210MHz Ant1 @ 5251MHz-5290MHz Final



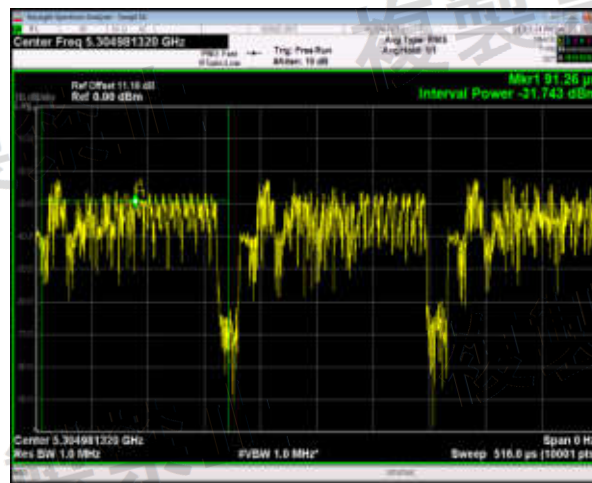
Tx. Spurious NVNT ax80 996@67 5210MHz Ant1 @ 5290MHz-5296.7MHz



Tx. Spurious NVNT ax80 996@67 5210MHz Ant1 @ 5290MHz-5296.7MHz Final



Tx. Spurious NVNT ax80 996@67 5210MHz Ant1 @ 5296.7MHz-26000MHz



Tx. Spurious NVNT ax80 996@67 5210MHz Ant1 @ 5296.7MHz-26000MHz Final

4.6. Limitation of Collateral Radio Emission of Receiver

Ambient Condition

Temperature	Relative humidity	Pressure
25°C	50%	101.5kPa

Method of Measurement

Set the EUT as continuous reception mode and fixed channel.

Set the Spectrum Analyzer as: RBW: 100kHz, VBW: 100kHz, Sweep time: Auto, Detect mode: Positive peak to measure the spurious emission below 1GHz.

Set the Spectrum Analyzer as: RBW: 1MHz, VBW: 1MHz, Sweep time: Auto, Detect mode: Positive peak to measure the spurious emission above 1GHz.

Test Setup



Limit

Frequency Range	Limits(dBm)
Below 1GHz	4nW / -54dBm
1GHz or higher	20nW / -47dBm

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor $k = 1.96$.

Frequency Range	Uncertainty
100kHz-1GHz	0.684 dB
1GHz-26GHz	1.407 dB

Test Results

W52

SU Mode

Mode	Frequency (MHz)	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max Peak Value (nW)	Limit (nW)	Verdict
802.11a	5180	30-1000	812.40	-84.16	0.0038	4	Pass
802.11a	5180	1000-26000	25390.00	-55.71	2.6853	20	Pass
802.11a	5200	30-1000	858.38	-83.68	0.0043	4	Pass
802.11a	5200	1000-26000	25817.50	-54.69	3.3963	20	Pass
802.11a	5240	30-1000	868.76	-83.49	0.0045	4	Pass
802.11a	5240	1000-26000	24757.50	-54.64	3.4356	20	Pass
802.11n HT20	5180	30-1000	887.38	-82.42	0.0057	4	Pass
802.11n HT20	5180	1000-26000	25367.50	-55.62	2.7416	20	Pass
802.11n HT20	5200	30-1000	916.48	-83.42	0.0045	4	Pass
802.11n HT20	5200	1000-26000	25387.50	-55.62	2.7416	20	Pass
802.11n HT20	5240	30-1000	779.42	-83.91	0.0041	4	Pass
802.11n HT20	5240	1000-26000	25250.00	-55.59	2.7606	20	Pass
802.11n HT40	5190	30-1000	903.87	-83.63	0.0043	4	Pass
802.11n HT40	5190	1000-26000	25452.50	-55.33	2.9309	20	Pass
802.11n HT40	5230	30-1000	855.57	-83.86	0.0041	4	Pass
802.11n HT40	5230	1000-26000	25372.50	-55.37	2.904	20	Pass
802.11ac20	5180	30-1000	919.97	-83.62	0.0043	4	Pass
802.11ac20	5180	1000-26000	25362.50	-55.72	2.6792	20	Pass
802.11ac20	5200	30-1000	819.19	-83.06	0.0049	4	Pass
802.11ac20	5200	1000-26000	25387.50	-55.39	2.8907	20	Pass
802.11ac20	5240	30-1000	849.75	-83.30	0.0047	4	Pass
802.11ac20	5240	1000-26000	25440.00	-54.87	3.2584	20	Pass
802.11ac40	5190	30-1000	793.10	-83.79	0.0042	4	Pass
802.11ac40	5190	1000-26000	24707.50	-55.92	2.5586	20	Pass
802.11ac40	5230	30-1000	850.04	-83.22	0.0048	4	Pass
802.11ac40	5230	1000-26000	25947.50	-54.46	3.581	20	Pass
802.11ac80	5210	30-1000	903.29	-83.10	0.0049	4	Pass
802.11ac80	5210	1000-26000	25412.50	-55.24	2.9923	20	Pass
802.11ax20	5180	30-1000	723.16	-83.61	0.0044	4	Pass
802.11ax20	5180	1000-26000	25342.50	-55.31	2.9444	20	Pass
802.11ax20	5200	30-1000	810.75	-83.79	0.0042	4	Pass
802.11ax20	5200	1000-26000	25440.00	-55.18	3.0339	20	Pass
802.11ax20	5240	30-1000	717.05	-83.77	0.0042	4	Pass
802.11ax20	5240	1000-26000	25337.50	-53.81	4.1591	20	Pass
802.11ax40	5190	30-1000	916.68	-82.62	0.0055	4	Pass
802.11ax40	5190	1000-26000	25422.50	-55.19	3.0269	20	Pass
802.11ax40	5230	30-1000	852.75	-83.50	0.0045	4	Pass
802.11ax40	5230	1000-26000	25367.50	-55.23	2.9992	20	Pass

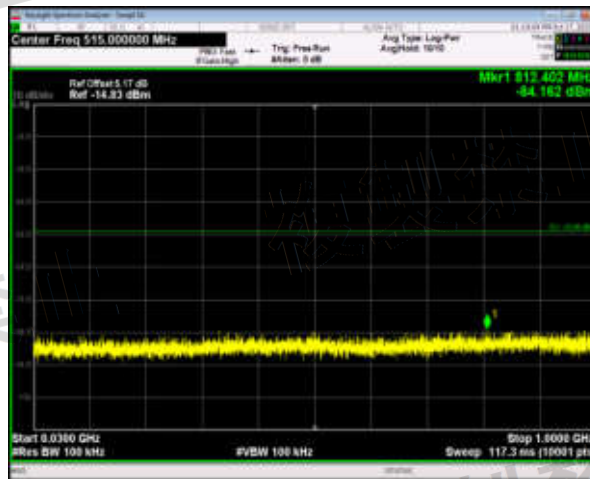
802.11ax80	5210	30-1000	350.00	-83.45	0.0045	4	Pass
802.11ax80	5210	1000-26000	25420.00	-54.09	3.8994	20	Pass

RU Mode

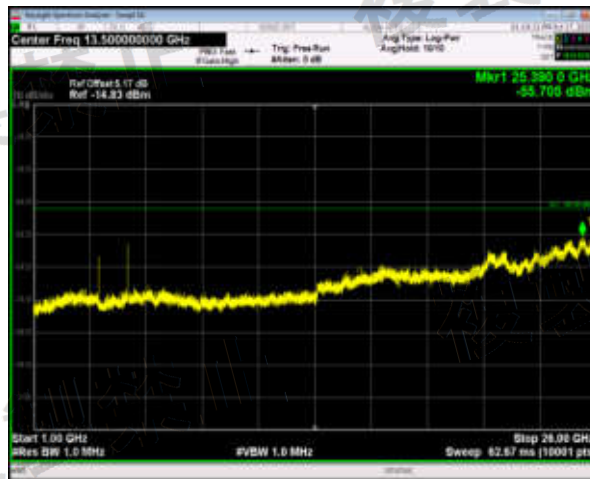
Mode	Frequency (MHz)	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max Peak Value (nW)	Limit (nW)	Verdict
802.11ax HE20 26Tone Index0	5180	30-1000	926.96	-83.84	0.0041	4	Pass
802.11ax HE20 26Tone Index0	5180	1000-26000	25355.00	-54.85	3.2734	20	Pass
802.11ax HE20 26Tone Index4	5200	30-1000	603.66	-80.05	0.0099	4	Pass
802.11ax HE20 26Tone Index4	5200	1000-26000	25377.50	-55.66	2.7164	20	Pass
802.11ax HE20 26Tone Index8	5240	30-1000	765.55	-83.42	0.0045	4	Pass
802.11ax HE20 26Tone Index8	5240	1000-26000	25385.00	-55.39	2.8907	20	Pass
802.11ax HE20 52Tone Index37	5180	30-1000	914.74	-82.84	0.0052	4	Pass
802.11ax HE20 52Tone Index37	5180	1000-26000	25365.00	-55.36	2.9107	20	Pass
802.11ax HE20 52Tone Index38	5200	30-1000	820.26	-83.97	0.004	4	Pass
802.11ax HE20 52Tone Index38	5200	1000-26000	25410.00	-54.68	3.4041	20	Pass
802.11ax HE20 52Tone Index40	5240	30-1000	279.87	-80.43	0.0091	4	Pass
802.11ax HE20 52Tone Index40	5240	1000-26000	25307.50	-55.21	3.013	20	Pass
802.11ax HE20 106Tone Index53	5180	30-1000	188.01	-82.95	0.0051	4	Pass
802.11ax HE20 106Tone Index53	5180	1000-26000	25320.00	-54.77	3.3343	20	Pass
802.11ax HE20 106Tone Index53	5200	30-1000	876.23	-83.33	0.0046	4	Pass
802.11ax HE20 106Tone Index53	5200	1000-26000	25935.00	-56.00	2.5119	20	Pass
802.11ax HE20 106Tone Index54	5240	30-1000	640.81	-72.43	0.0571	4	Pass
802.11ax HE20 106Tone Index54	5240	1000-26000	25397.50	-55.30	2.9512	20	Pass
802.11ax HE20 242Tone Index61	5180	30-1000	879.53	-83.08	0.0049	4	Pass
802.11ax HE20 242Tone Index61	5180	1000-26000	25397.50	-55.81	2.6242	20	Pass
802.11ax HE20 242Tone Index61	5200	30-1000	769.82	-83.56	0.0044	4	Pass
802.11ax HE20 242Tone Index61	5200	1000-26000	25362.50	-55.17	3.0409	20	Pass
802.11ax HE20 242Tone Index61	5240	30-1000	909.40	-83.58	0.0044	4	Pass
802.11ax HE20 242Tone Index61	5240	1000-26000	25380.00	-54.59	3.4754	20	Pass
802.11ax HE40 26Tone Index0	5190	30-1000	785.73	-80.61	0.0087	4	Pass
802.11ax HE40 26Tone Index0	5190	1000-26000	25335.00	-54.65	3.4277	20	Pass
802.11ax HE40 26Tone Index17	5230	30-1000	857.70	-83.25	0.0047	4	Pass
802.11ax HE40 26Tone Index17	5230	1000-26000	24820.00	-55.01	3.155	20	Pass
802.11ax HE40 484Tone Index65	5190	30-1000	891.75	-83.52	0.0044	4	Pass
802.11ax HE40 484Tone Index65	5190	1000-26000	25960.00	-55.23	2.9992	20	Pass
802.11ax HE40 484Tone Index65	5230	30-1000	761.19	-84.01	0.004	4	Pass
802.11ax HE40 484Tone Index65	5230	1000-26000	25440.00	-54.32	3.6983	20	Pass
802.11ax HE80 26Tone Index0	5210	30-1000	888.16	-83.72	0.0042	4	Pass
802.11ax HE80 26Tone Index0	5210	1000-26000	25395.00	-55.69	2.6977	20	Pass
802.11ax HE80 26Tone Index36	5210	30-1000	874.39	-83.40	0.0046	4	Pass
802.11ax HE80 26Tone Index36	5210	1000-26000	25410.00	-55.46	2.8445	20	Pass

802.11ax HE80 996Tone Index67	5210	30-1000	946.55	-80.14	0.0097	4	Pass
802.11ax HE80 996Tone Index67	5210	1000-26000	25420.00	-53.90	4.0738	20	Pass

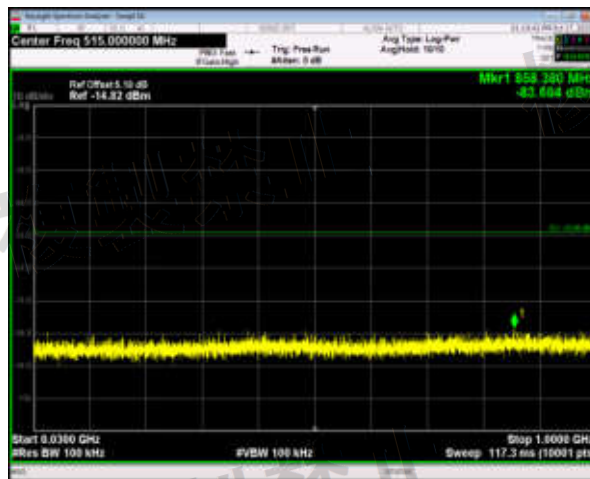
SU Mode



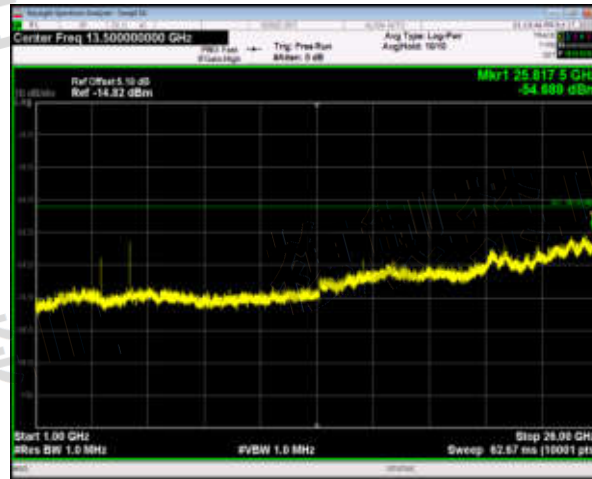
Rx. Spurious NVNT 802.11a 5180MHz Ant1 @ 30MHz-1000MHz



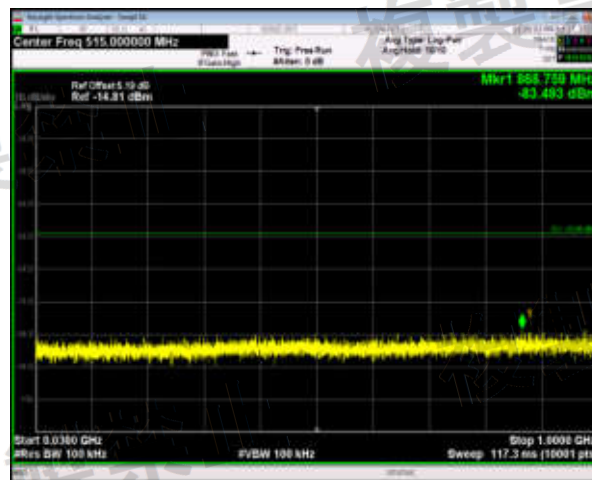
Rx. Spurious NVNT 802.11a 5180MHz Ant1 @ 1000MHz-26000MHz



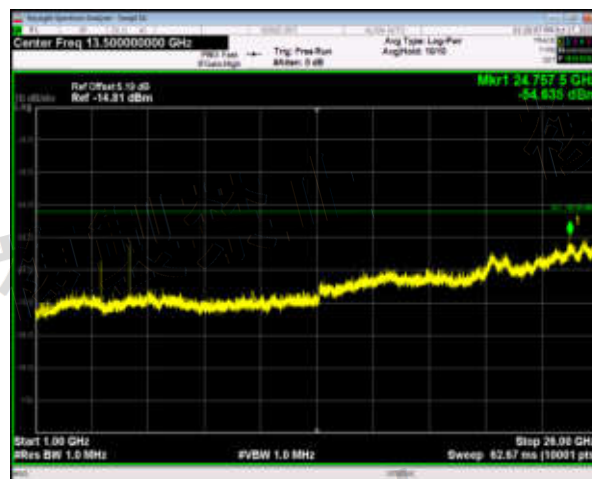
Rx. Spurious NVNT 802.11a 5200MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT 802.11a 5200MHz Ant1 @ 1000MHz-26000MHz



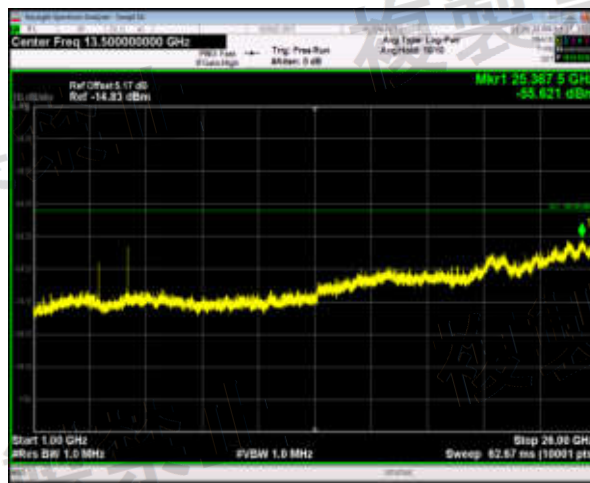
Rx. Spurious NVNT 802.11a 5240MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT 802.11a 5240MHz Ant1 @ 1000MHz-26000MHz



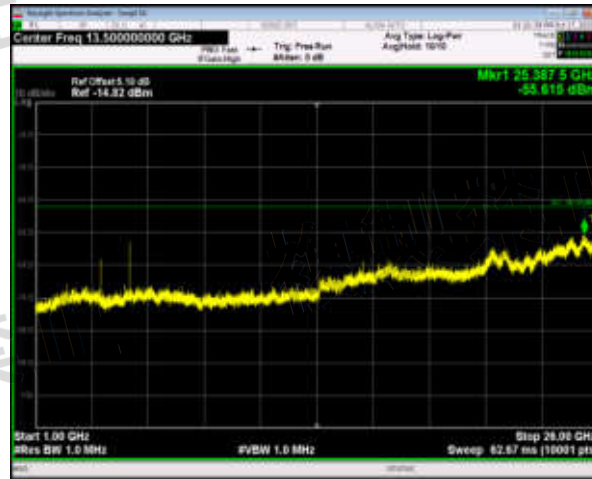
Rx. Spurious NVNT 802.11n HT20 5180MHz Ant1 @ 30MHz-1000MHz



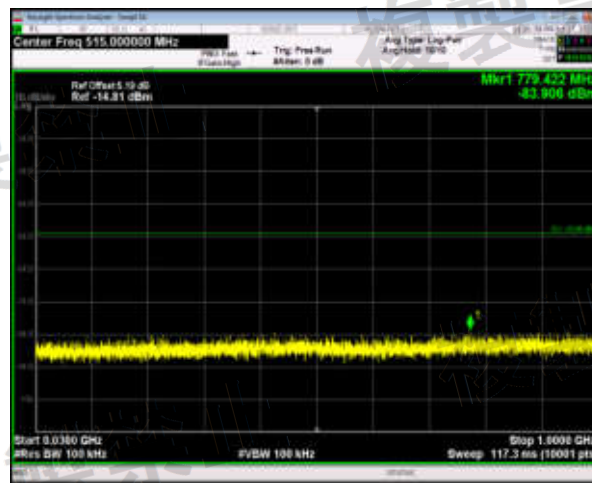
Rx. Spurious NVNT 802.11n HT20 5180MHz Ant1 @ 1000MHz-26000MHz



Rx. Spurious NVNT 802.11n HT20 5200MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT 802.11n HT20 5200MHz Ant1 @ 1000MHz-26000MHz



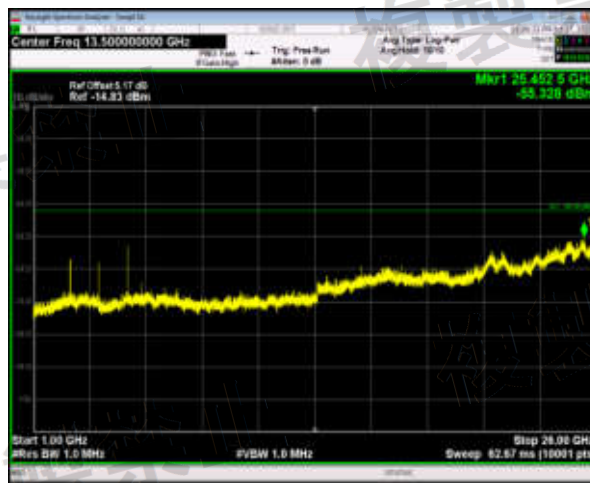
Rx. Spurious NVNT 802.11n HT20 5240MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT 802.11n HT20 5240MHz Ant1 @ 1000MHz-26000MHz



Rx. Spurious NVNT 802.11n HT40 5190MHz Ant1 @ 30MHz-1000MHz



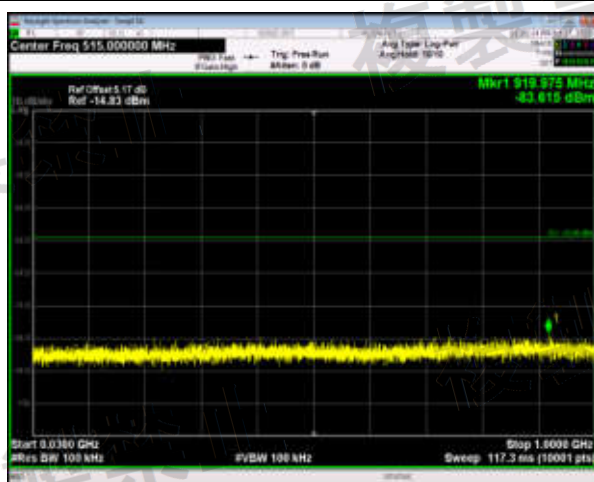
Rx. Spurious NVNT 802.11n HT40 5190MHz Ant1 @ 1000MHz-26000MHz



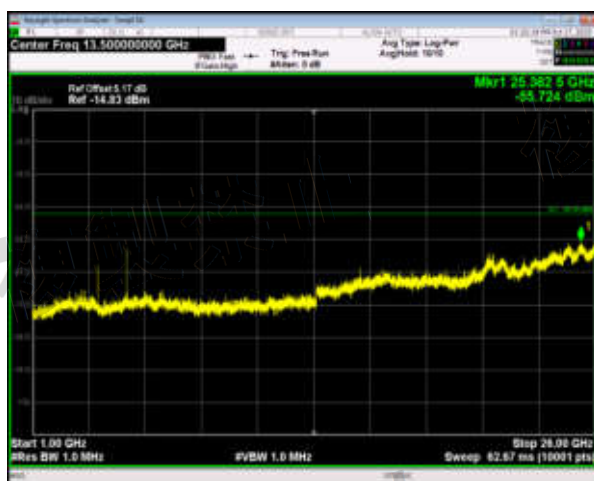
Rx. Spurious NVNT 802.11n HT40 5230MHz Ant1 @ 30MHz-1000MHz



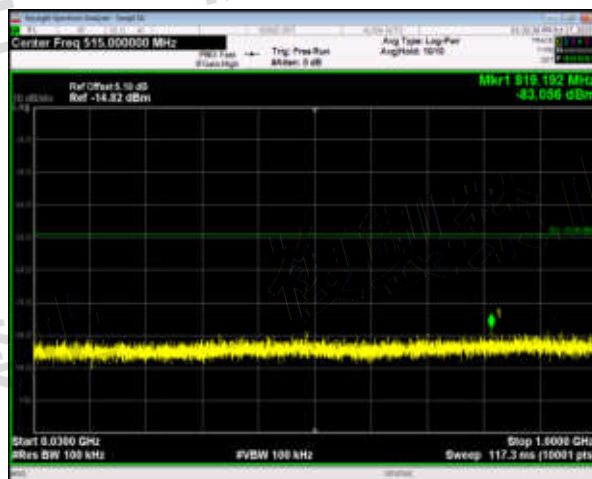
Rx. Spurious NVNT 802.11n HT40 5230MHz Ant1 @ 1000MHz-26000MHz



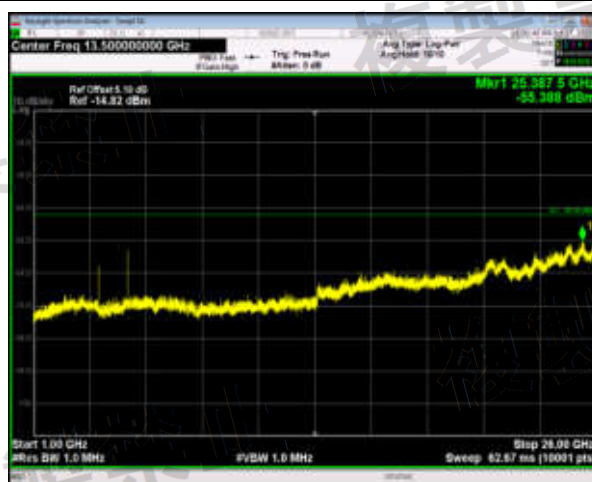
Rx. Spurious NVNT 802.11ac20 5180MHz Ant1 @ 30MHz-1000MHz



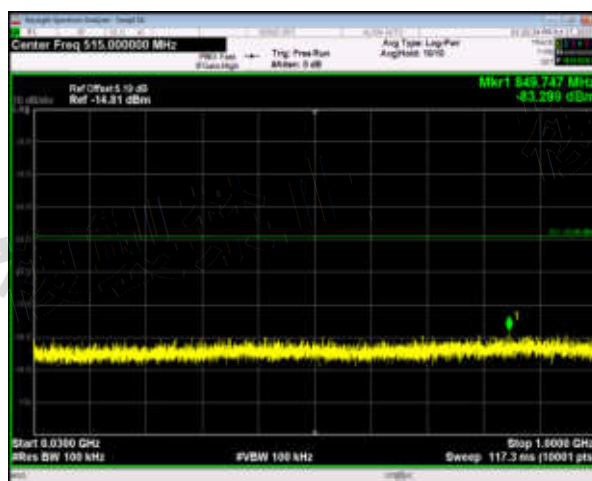
Rx. Spurious NVNT 802.11ac20 5180MHz Ant1 @ 1000MHz-26000MHz



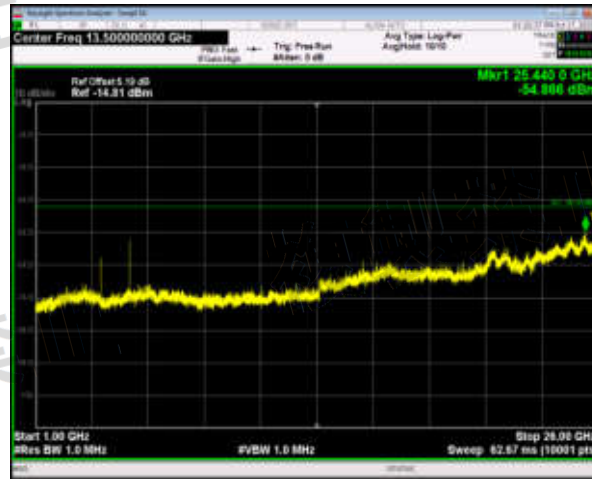
Rx. Spurious NVNT 802.11ac20 5200MHz Ant1 @ 30MHz-1000MHz



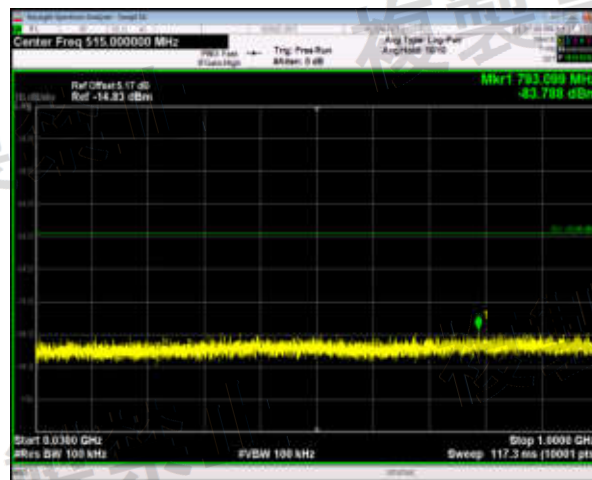
Rx. Spurious NVNT 802.11ac20 5200MHz Ant1 @ 1000MHz-26000MHz



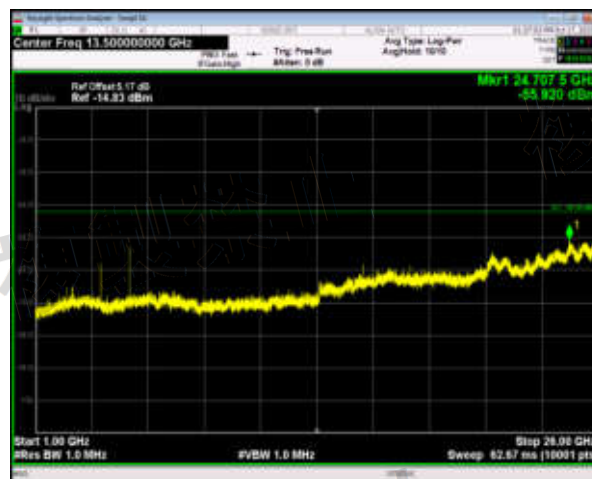
Rx. Spurious NVNT 802.11ac20 5240MHz Ant1 @ 30MHz-1000MHz



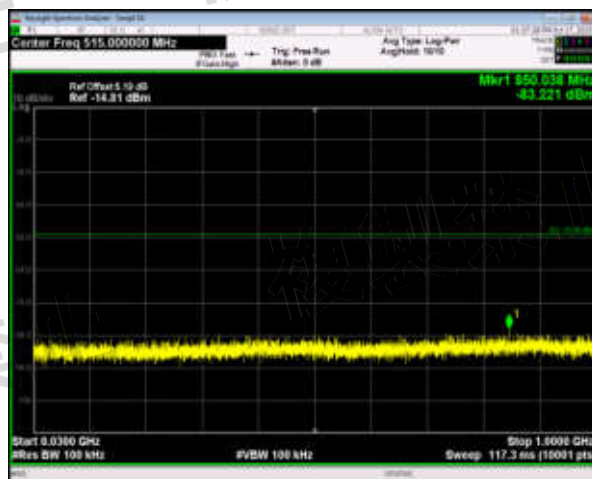
Rx. Spurious NVNT 802.11ac20 5240MHz Ant1 @ 1000MHz-26000MHz



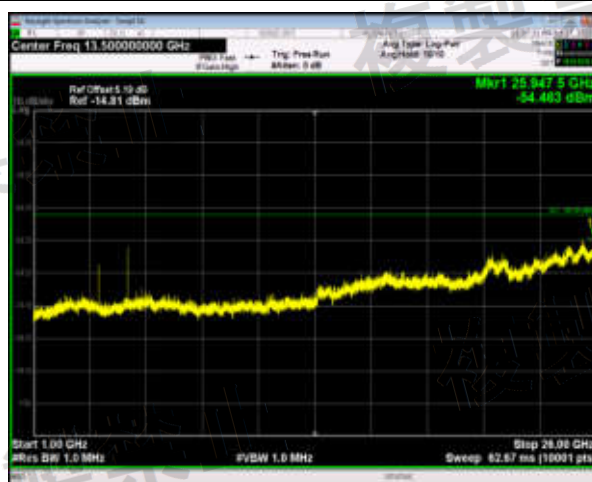
Rx. Spurious NVNT 802.11ac40 5190MHz Ant1 @ 30MHz-1000MHz



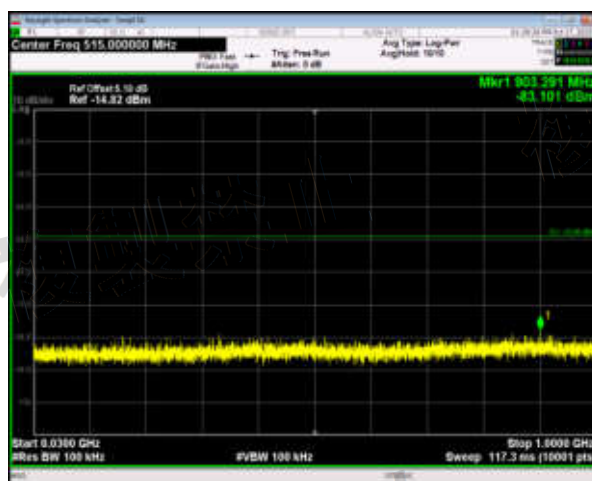
Rx. Spurious NVNT 802.11ac40 5190MHz Ant1 @ 1000MHz-26000MHz



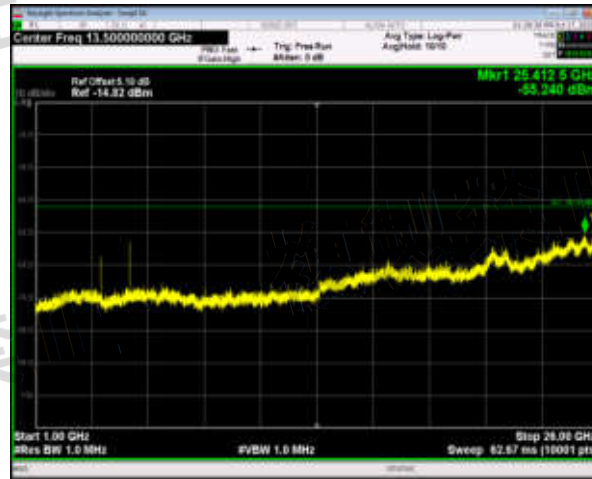
Rx. Spurious NVNT 802.11ac40 5230MHz Ant1 @ 30MHz-1000MHz



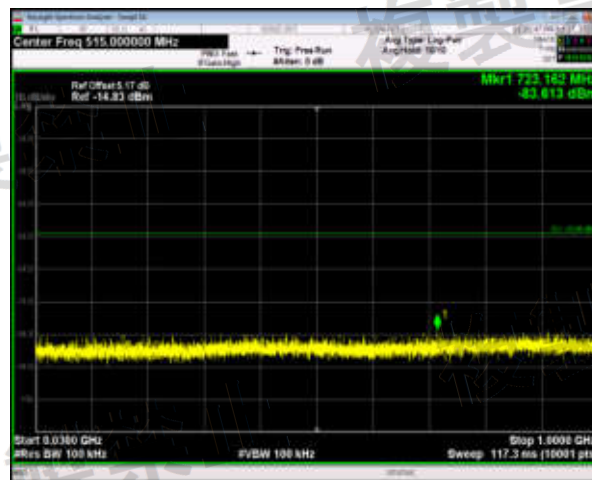
Rx. Spurious NVNT 802.11ac40 5230MHz Ant1 @ 1000MHz-26000MHz



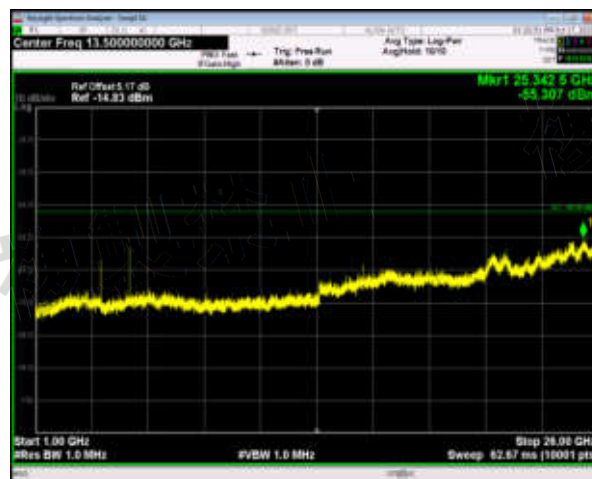
Rx. Spurious NVNT 802.11ac80 5210MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT 802.11ac80 5210MHz Ant1 @ 1000MHz-26000MHz



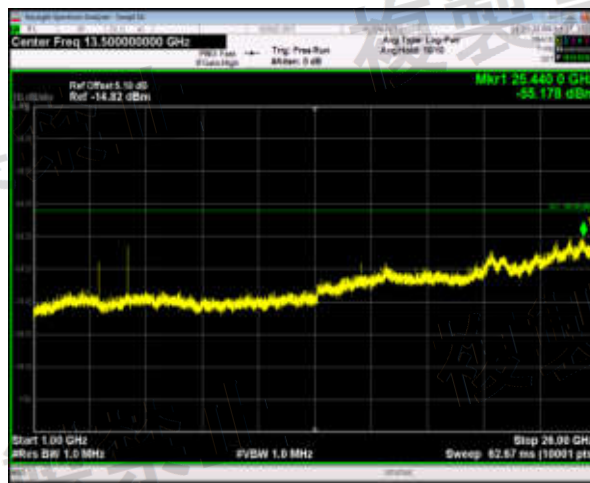
Rx. Spurious NVNT 802.11ax20 5180MHz Ant1 @ 30MHz-1000MHz



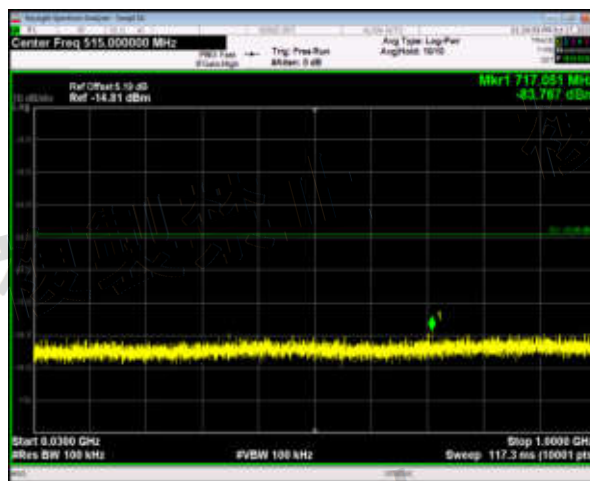
Rx. Spurious NVNT 802.11ax20 5180MHz Ant1 @ 1000MHz-26000MHz



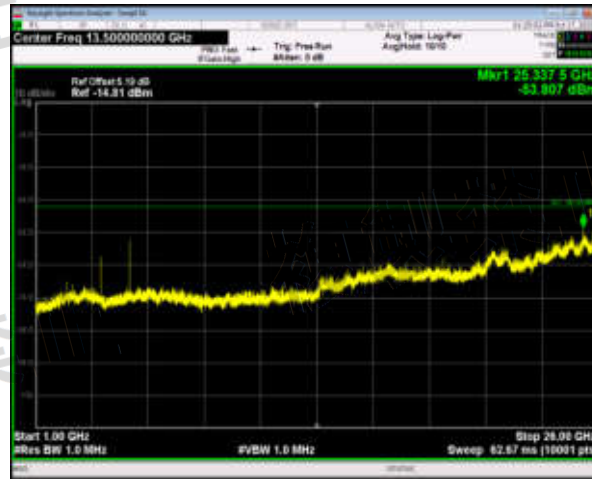
Rx. Spurious NVNT 802.11ax20 5200MHz Ant1 @ 30MHz-1000MHz



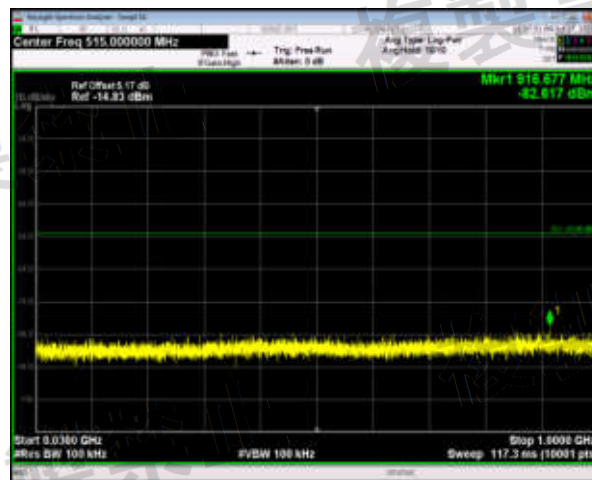
Rx. Spurious NVNT 802.11ax20 5200MHz Ant1 @ 1000MHz-26000MHz



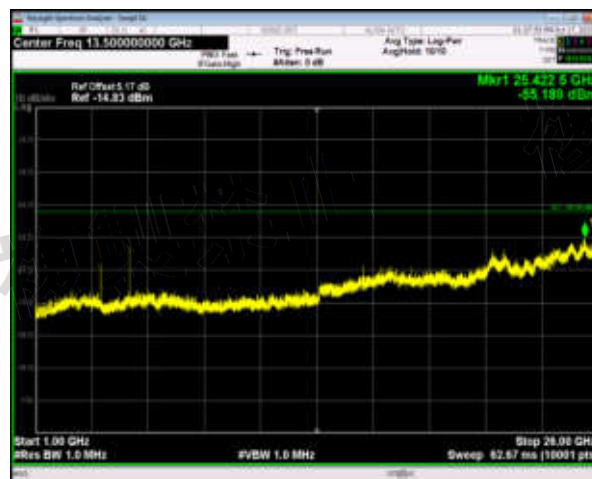
Rx. Spurious NVNT 802.11ax20 5240MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT 802.11ax20 5240MHz Ant1 @ 1000MHz-26000MHz



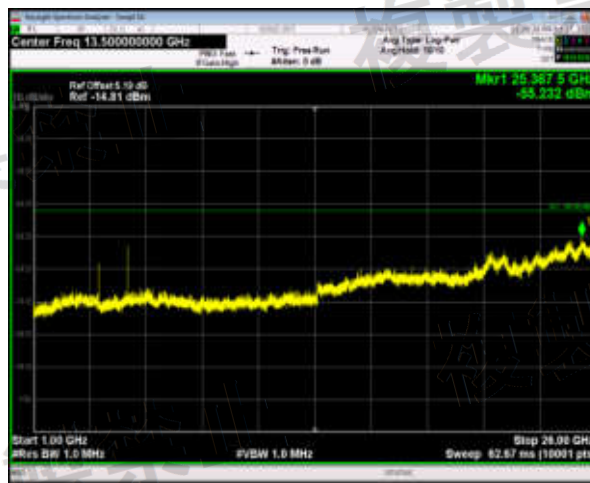
Rx. Spurious NVNT 802.11ax40 5190MHz Ant1 @ 30MHz-1000MHz



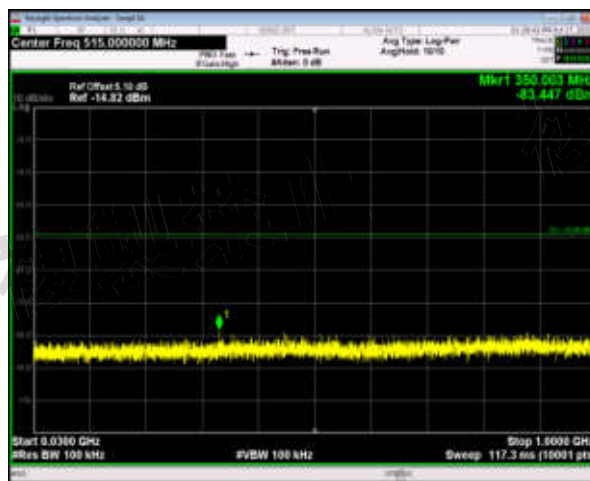
Rx. Spurious NVNT 802.11ax40 5190MHz Ant1 @ 1000MHz-26000MHz



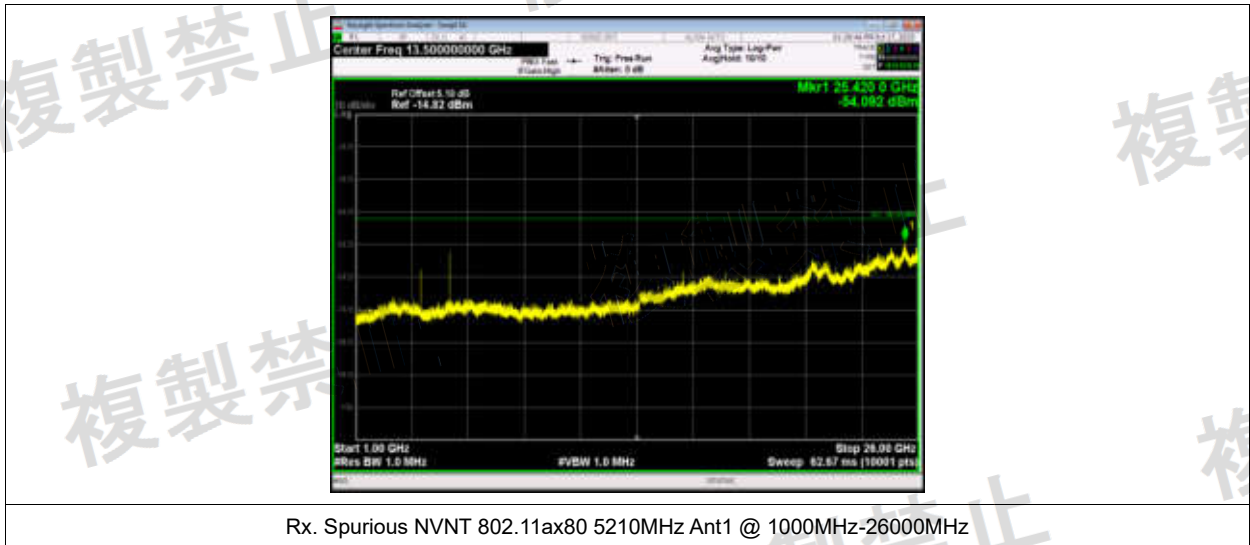
Rx. Spurious NVNT 802.11ax40 5230MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT 802.11ax40 5230MHz Ant1 @ 1000MHz-26000MHz

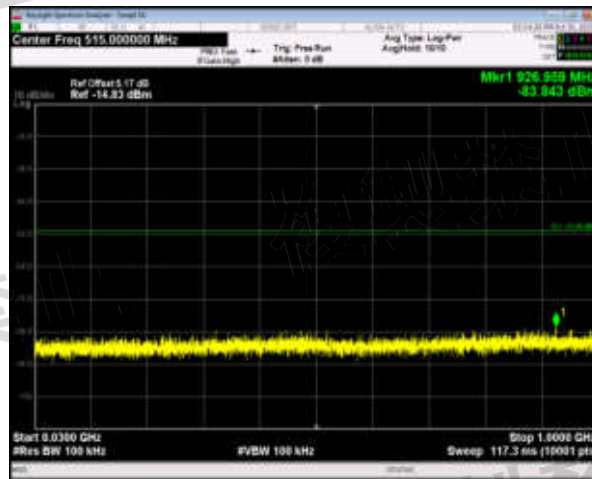


Rx. Spurious NVNT 802.11ax80 5210MHz Ant1 @ 30MHz-1000MHz

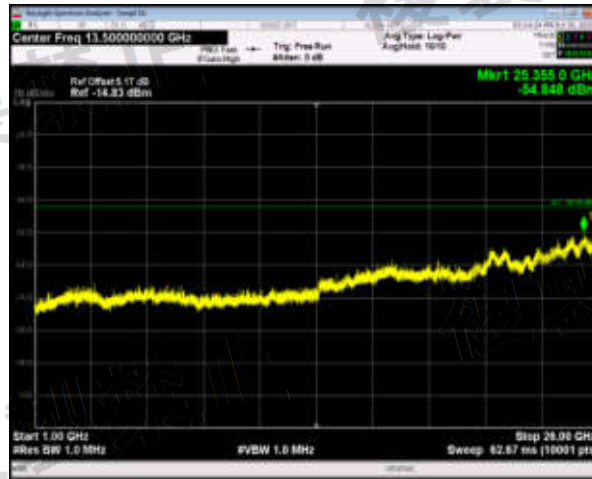


Rx. Spurious NVNT 802.11ax80 5210MHz Ant1 @ 1000MHz-26000MHz

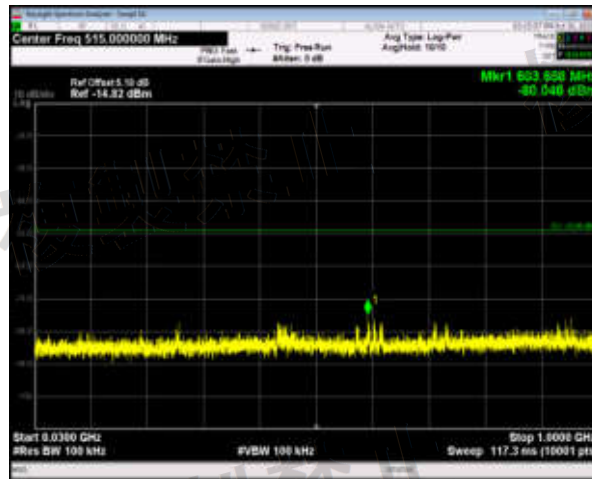
RU Mode



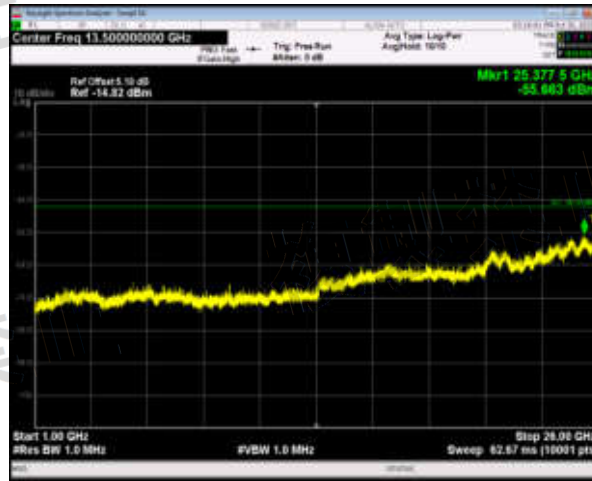
Rx. Spurious NVNT 802.11ax HE20 26Tone Index0 5180MHz Ant1 @ 30MHz-1000MHz



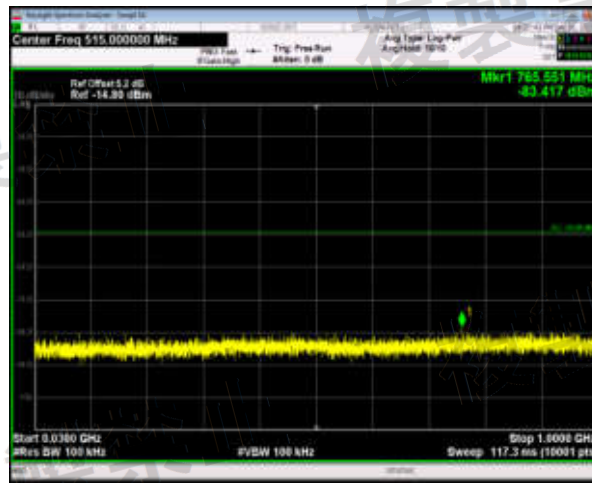
Rx. Spurious NVNT 802.11ax HE20 26Tone Index0 5180MHz Ant1 @ 1000MHz-26000MHz



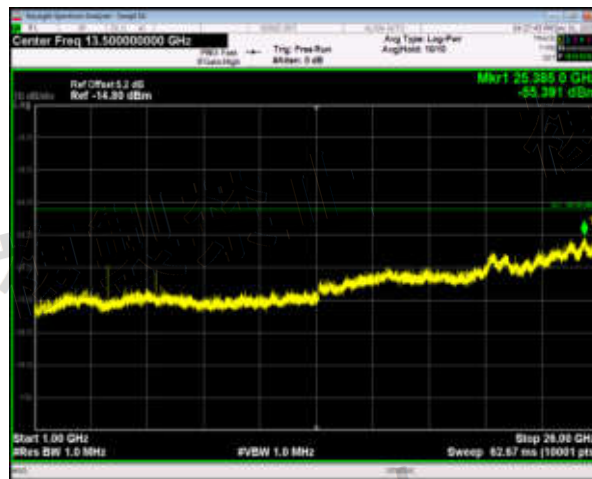
Rx. Spurious NVNT 802.11ax HE20 26Tone Index4 5200MHz Ant1 @ 30MHz-1000MHz



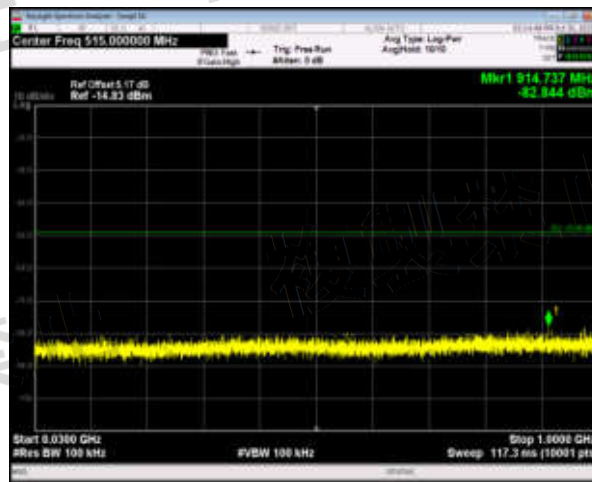
Rx. Spurious NVNT 802.11ax HE20 26Tone Index4 5200MHz Ant1 @ 1000MHz-26000MHz



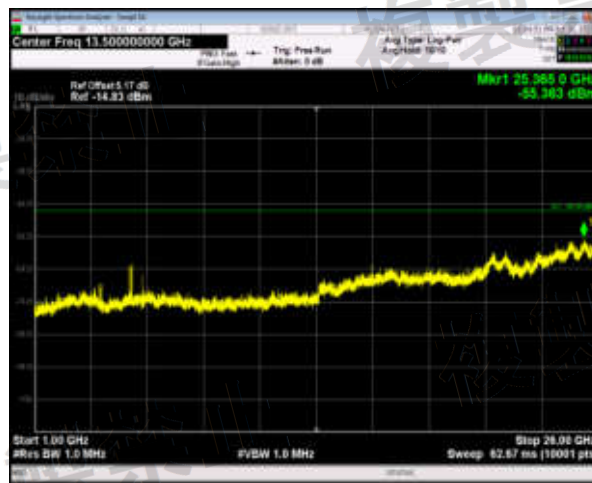
Rx. Spurious NVNT 802.11ax HE20 26Tone Index8 5240MHz Ant1 @ 30MHz-1000MHz



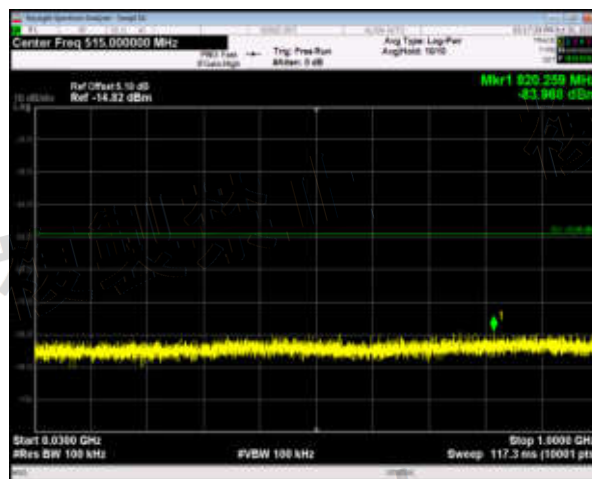
Rx. Spurious NVNT 802.11ax HE20 26Tone Index8 5240MHz Ant1 @ 1000MHz-26000MHz



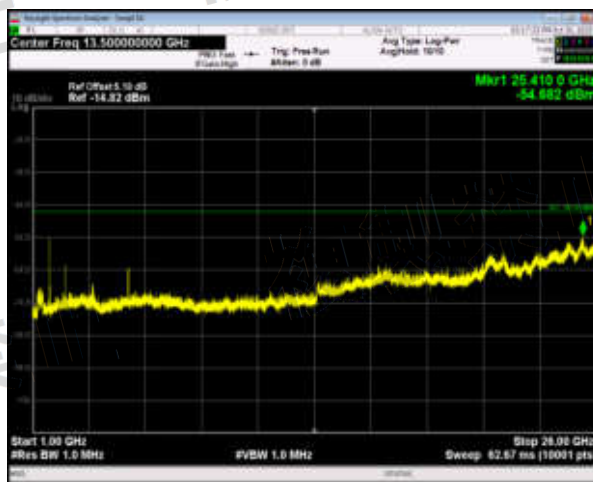
Rx. Spurious NVNT 802.11ax HE20 52Tone Index37 5180MHz Ant1 @ 30MHz-1000MHz



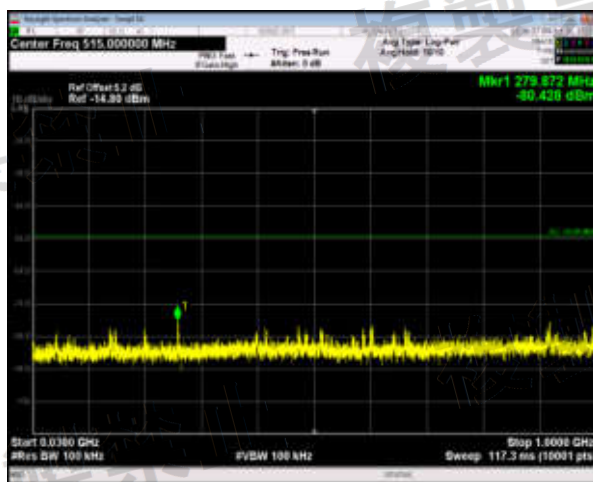
Rx. Spurious NVNT 802.11ax HE20 52Tone Index37 5180MHz Ant1 @ 1000MHz-26000MHz



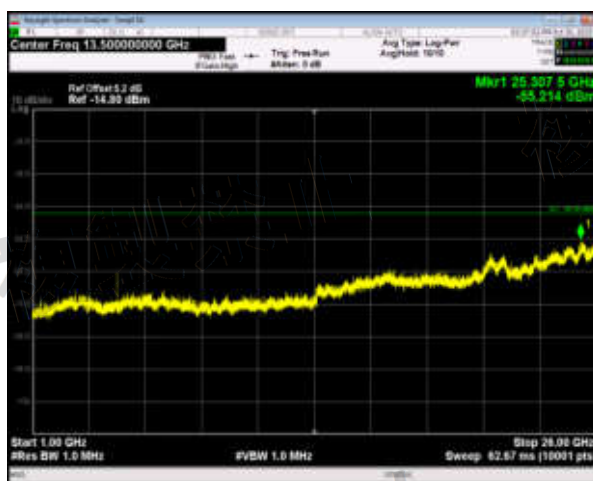
Rx. Spurious NVNT 802.11ax HE20 52Tone Index38 5200MHz Ant1 @ 30MHz-1000MHz



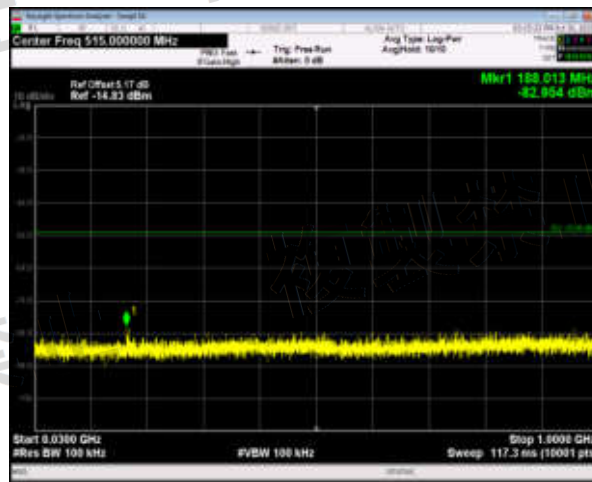
Rx. Spurious NVNT 802.11ax HE20 52Tone Index38 5200MHz Ant1 @ 1000MHz-26000MHz



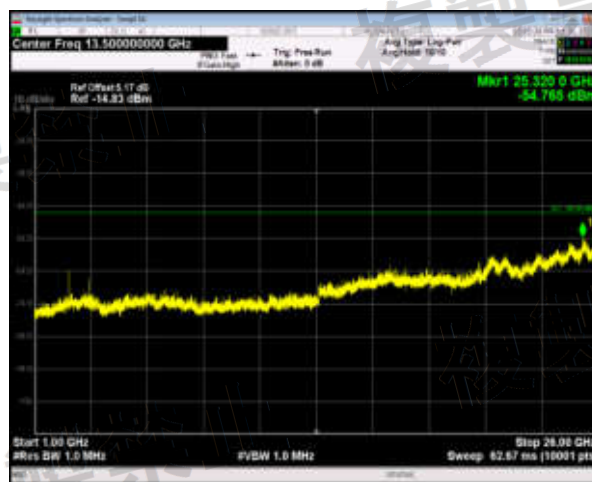
Rx. Spurious NVNT 802.11ax HE20 52Tone Index40 5240MHz Ant1 @ 30MHz-1000MHz



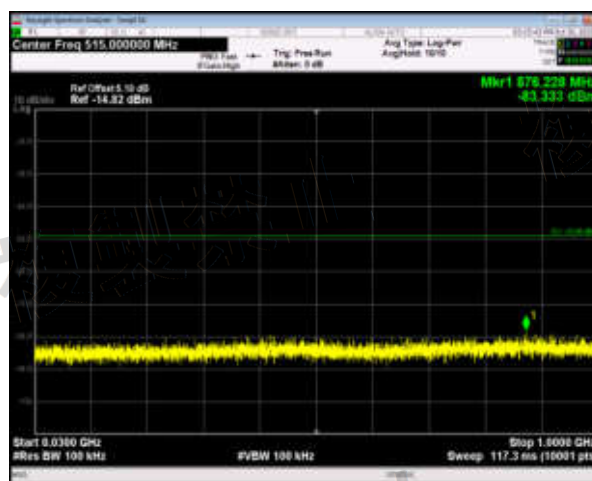
Rx. Spurious NVNT 802.11ax HE20 52Tone Index40 5240MHz Ant1 @ 1000MHz-26000MHz



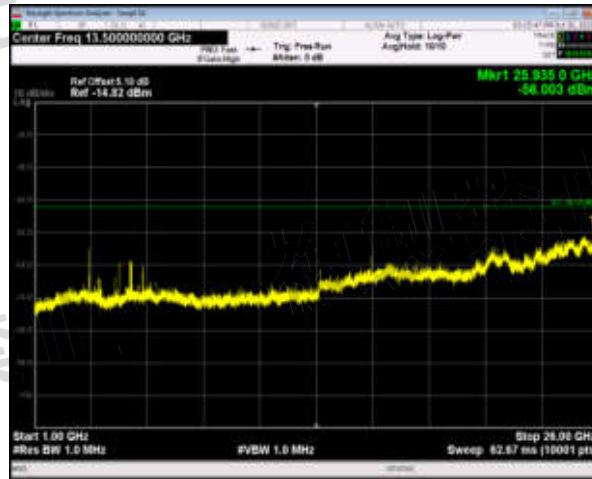
Rx. Spurious NVNT 802.11ax HE20 106Tone Index53 5180MHz Ant1 @ 30MHz-1000MHz



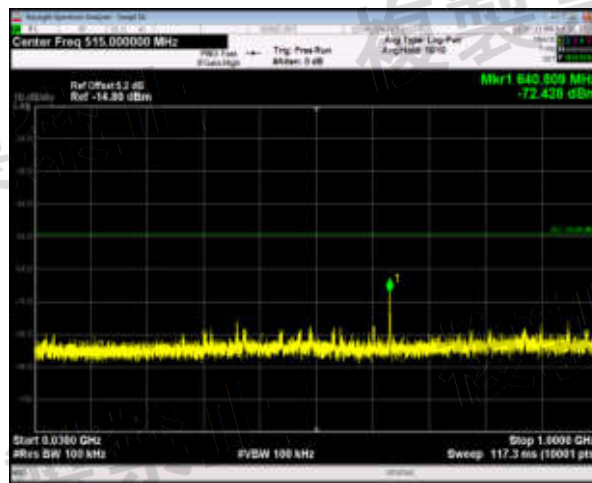
Rx. Spurious NVNT 802.11ax HE20 106Tone Index53 5180MHz Ant1 @ 1000MHz-26000MHz



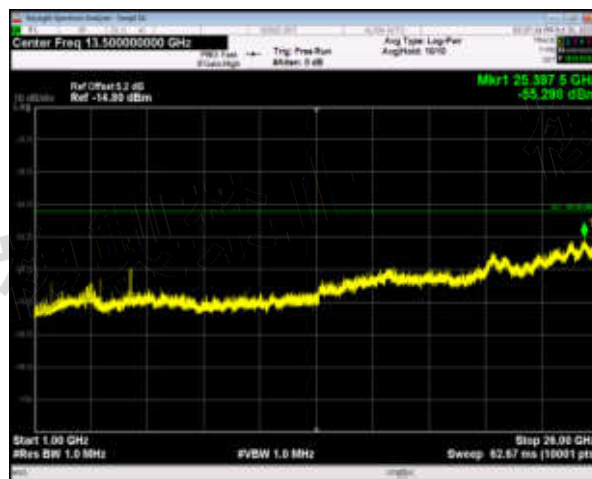
Rx. Spurious NVNT 802.11ax HE20 106Tone Index53 5200MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT 802.11ax HE20 106Tone Index53 5200MHz Ant1 @ 1000MHz-26000MHz



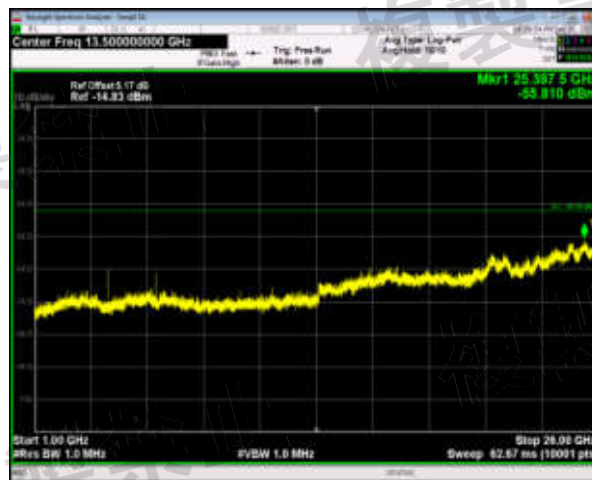
Rx. Spurious NVNT 802.11ax HE20 106Tone Index54 5240MHz Ant1 @ 30MHz-1000MHz



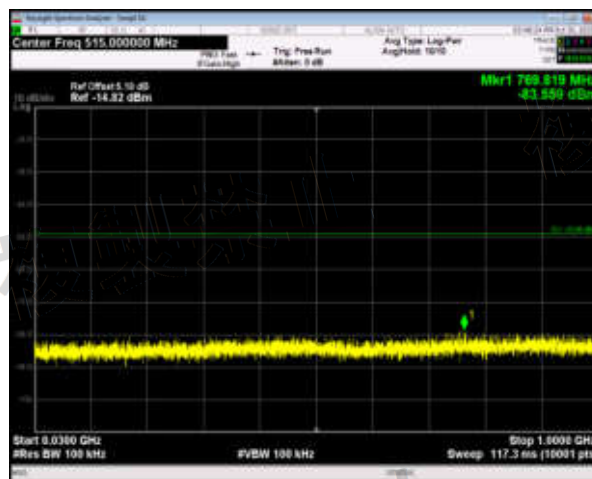
Rx. Spurious NVNT 802.11ax HE20 106Tone Index54 5240MHz Ant1 @ 1000MHz-26000MHz



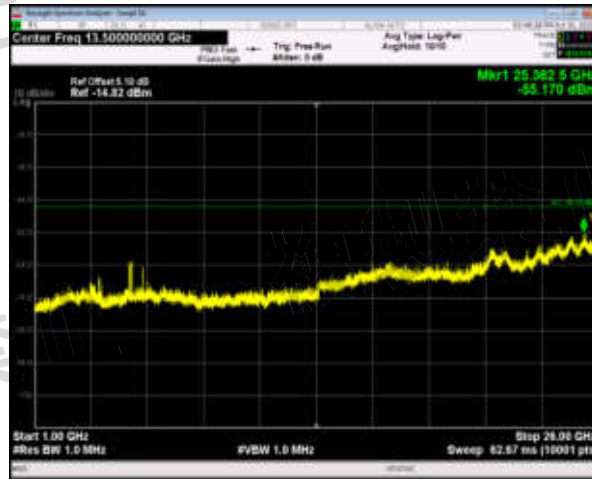
Rx. Spurious NVNT 802.11ax HE20 242Tone Index61 5180MHz Ant1 @ 30MHz-1000MHz



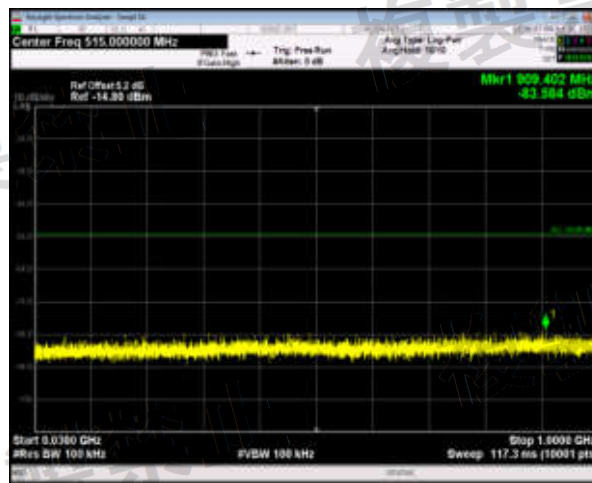
Rx. Spurious NVNT 802.11ax HE20 242Tone Index61 5180MHz Ant1 @ 1000MHz-26000MHz



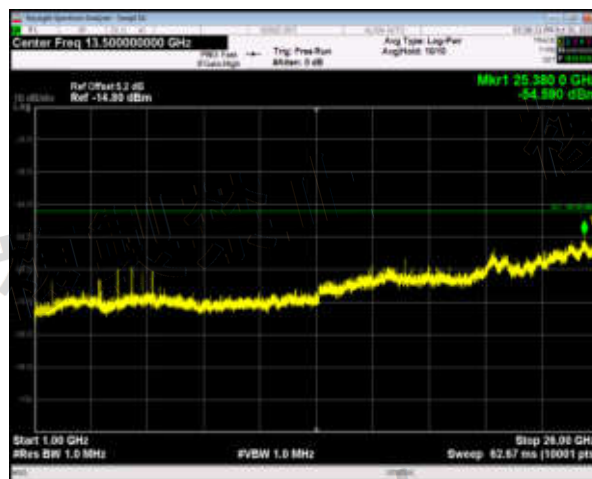
Rx. Spurious NVNT 802.11ax HE20 242Tone Index61 5200MHz Ant1 @ 30MHz-1000MHz



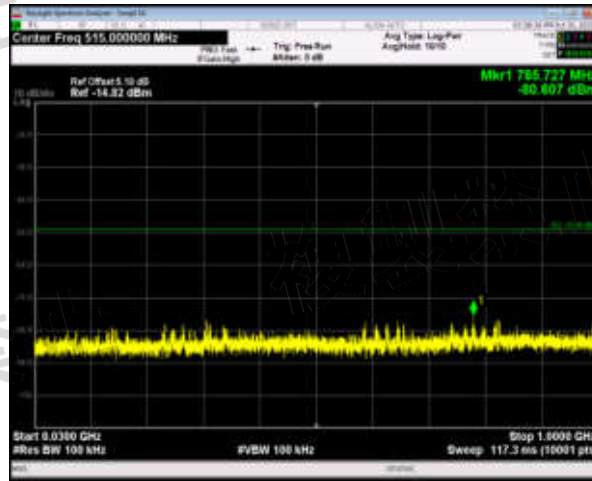
Rx. Spurious NVNT 802.11ax HE20 242Tone Index61 5200MHz Ant1 @ 1000MHz-26000MHz



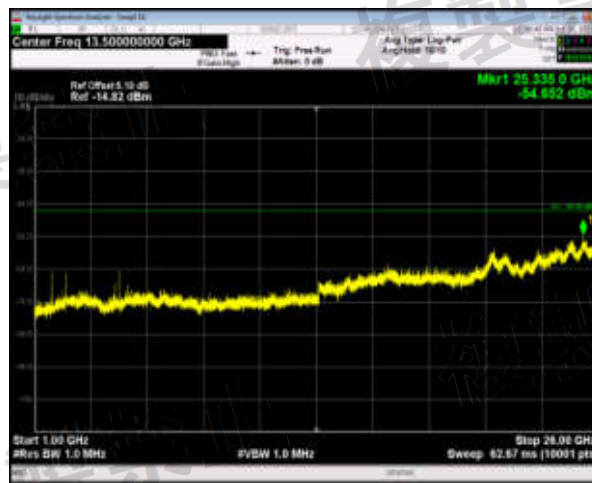
Rx. Spurious NVNT 802.11ax HE20 242Tone Index61 5240MHz Ant1 @ 30MHz-1000MHz



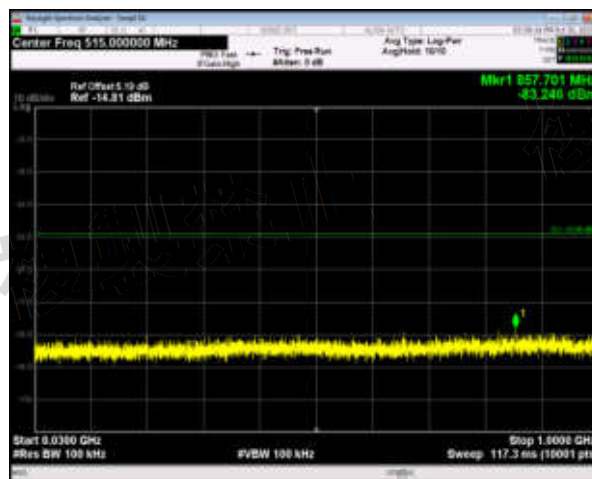
Rx. Spurious NVNT 802.11ax HE20 242Tone Index61 5240MHz Ant1 @ 1000MHz-26000MHz



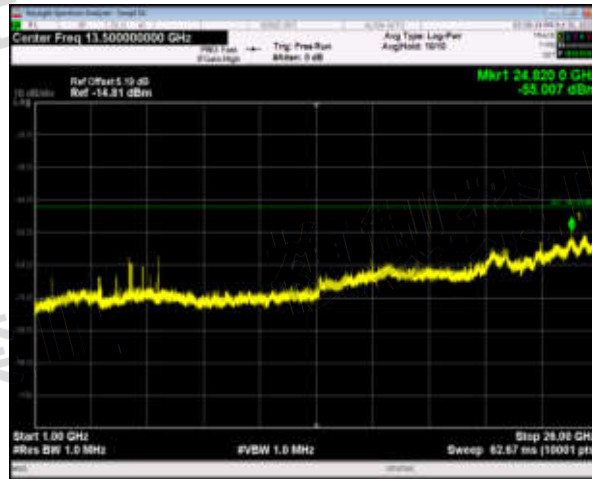
Rx. Spurious NVNT 802.11ax HE40 26Tone Index0 5190MHz Ant1 @ 30MHz-1000MHz



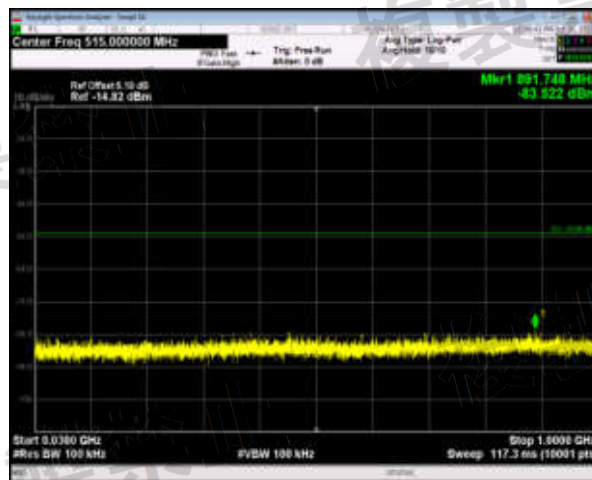
Rx. Spurious NVNT 802.11ax HE40 26Tone Index0 5190MHz Ant1 @ 1000MHz-26000MHz



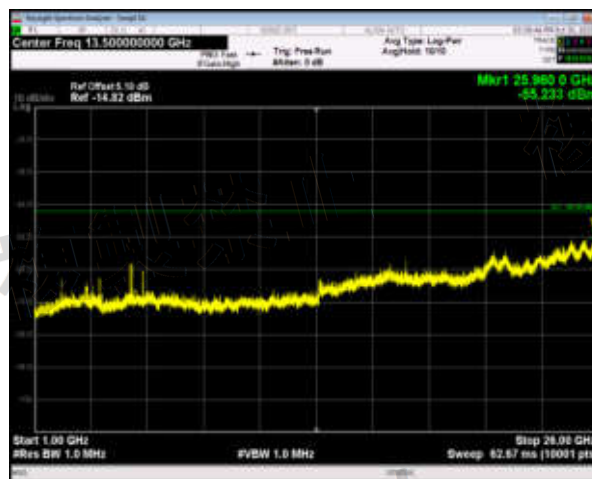
Rx. Spurious NVNT 802.11ax HE40 26Tone Index17 5230MHz Ant1 @ 30MHz-1000MHz



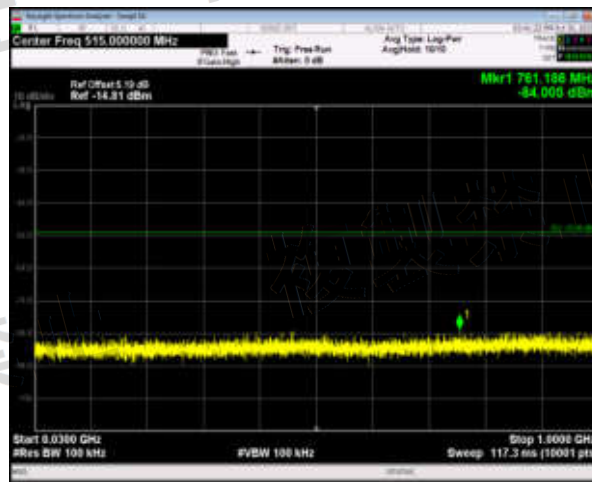
Rx. Spurious NVNT 802.11ax HE40 26Tone Index17 5230MHz Ant1 @ 1000MHz-26000MHz



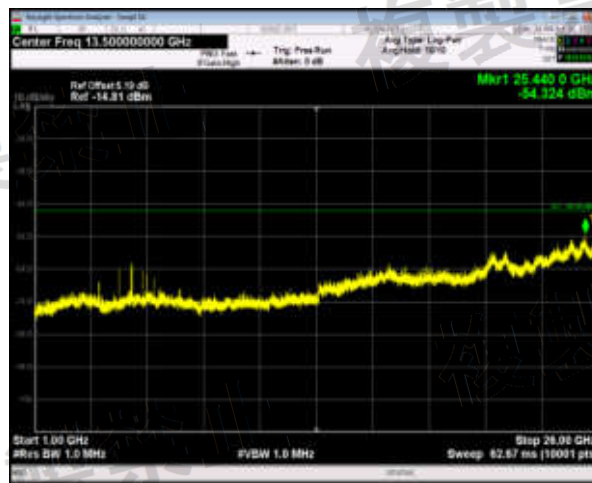
Rx. Spurious NVNT 802.11ax HE40 4847Tone Index65 5190MHz Ant1 @ 30MHz-1000MHz



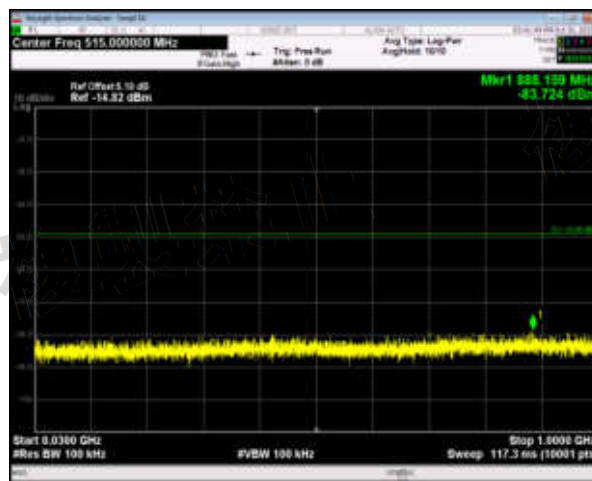
Rx. Spurious NVNT 802.11ax HE40 4847Tone Index65 5190MHz Ant1 @ 1000MHz-26000MHz



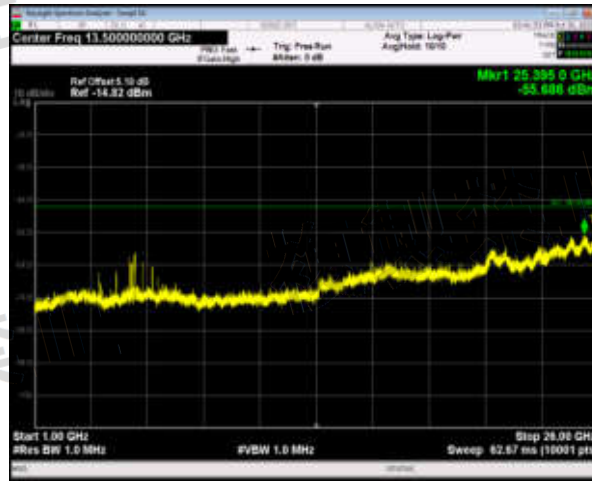
Rx. Spurious NVNT 802.11ax HE40 4847Tone Index65 5230MHz Ant1 @ 30MHz-1000MHz



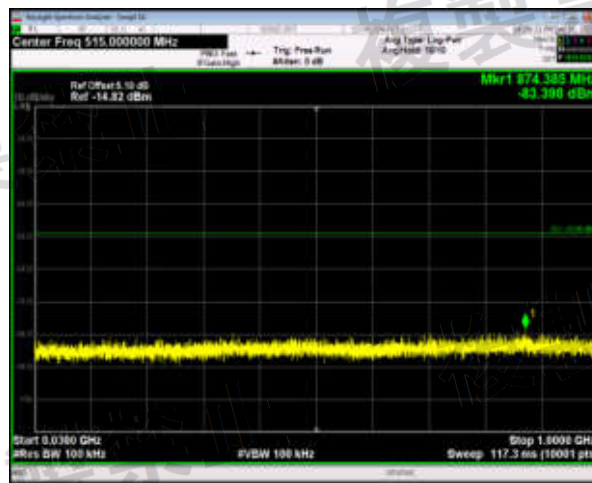
Rx. Spurious NVNT 802.11ax HE40 4847Tone Index65 5230MHz Ant1 @ 1000MHz-26000MHz



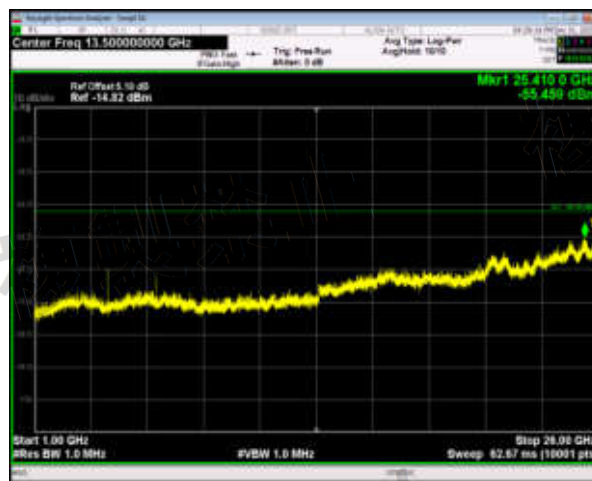
Rx. Spurious NVNT 802.11ax HE80 26Tone Index0 5210MHz Ant1 @ 30MHz-1000MHz



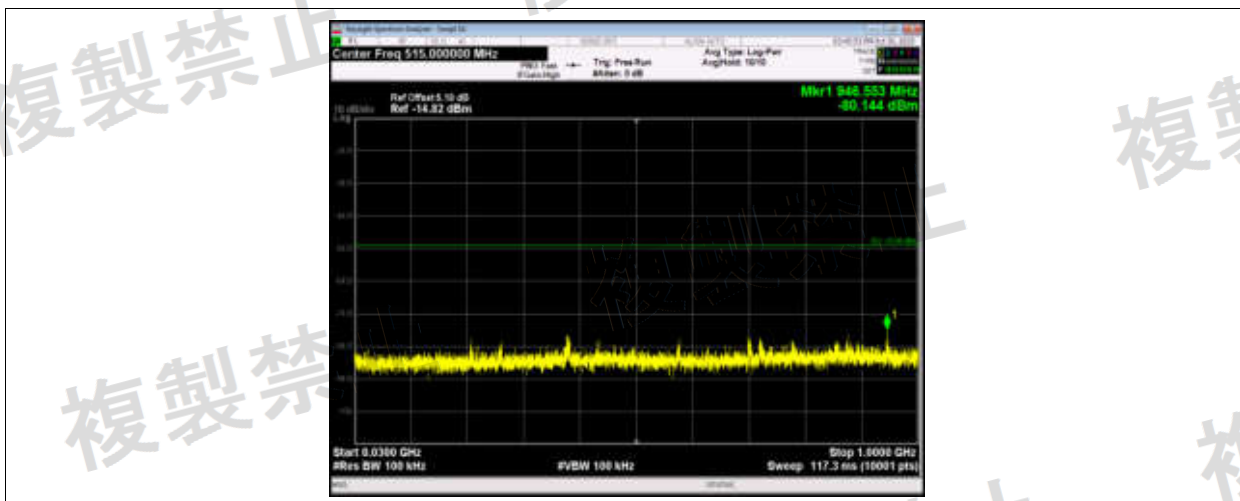
Rx. Spurious NVNT 802.11ax HE80 26Tone Index0 5210MHz Ant1 @ 1000MHz-26000MHz



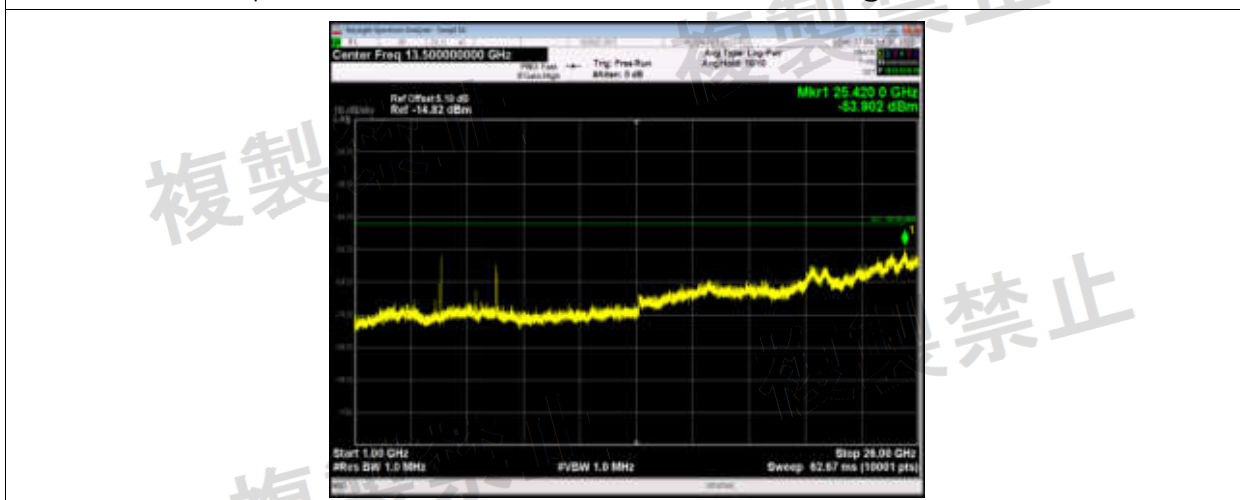
Rx. Spurious NVNT 802.11ax HE80 26Tone Index36 5210MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT 802.11ax HE80 26Tone Index36 5210MHz Ant1 @ 1000MHz-26000MHz



Rx. Spurious NVNT 802.11ax HE80 996Tone Index67 5210MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT 802.11ax HE80 996Tone Index67 5210MHz Ant1 @ 1000MHz-26000MHz

4.7. Interference Prevention Function

Ambient Condition

Temperature	Relative humidity	Pressure
25°C	50%	101.5kPa

Method of Measurement

In case the EUT possesses function to transmit identification code automatically:

- Predetermined identification code is transmitted by the EUT.
- Verify the transmitted identification code.

In case the EUT possesses function to receive identification code automatically:

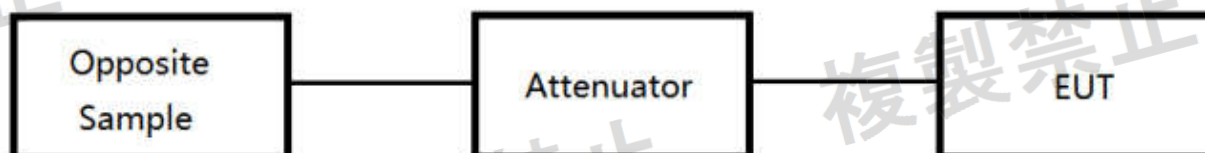
- Predetermined identification code is transmitted by the opposite sample.
- Verify the working of the normal communication.
- Other code than the predetermined identification code is transmitted by the opposite sample.
- Verify the EUT to stop transmitting or to display that the ID code is different.

Test Setup

In case identification code is transmitted



In case identification code is received



Test Results

WLAN Interference prevention function NTC

MAC address	<pre>wlan0 Link encap:Ethernet HWaddr 58:02:05:5C:D4:4A inet6 addr: fe80::5a02:5ff:fe5c:d44a/64 Scope:Link UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1 RX packets:553 errors:0 dropped:0 overruns:0 frame:0 TX packets:109345 errors:0 dropped:0 overruns:0 carrier:0 collisions:0 txqueuelen:1000 RX bytes:286485 (279.7 KiB) TX bytes:164659785 (157.0 MiB)</pre>
-------------	---

4.8. Transmitting Burst Length

Ambient Condition

Temperature	Relative humidity	Pressure
25°C	50%	101.5kPa

Method of Measurement

(1) Set the spectrum analyzer according to 11.3. Then set trigger condition to a leading edge trigger and the EUT to transmission state.

(2) When EUT has plural antenna terminal, combine the output of the antenna terminals referring to 11.6 and measure the time from start of radio wave transmission from an antennas to termination of radio wave transmission from all antennas.

Measuring Equipment Conditions

Set the spectrum analyzer as follow:

Center frequency: Test frequency

Resolution sweep width: 0 Hz

Resolution bandwidth: 1 MHz

Video bandwidth: Approximately same as the resolution bandwidth

Sweep Time: Minimum time to ensure the measuring accuracy

Y-axis scale: 10 dB/Div

Detection mode: Positive peak

Trigger condition: Leading edge off level

Conditions of Equipment under Test

After setting to a test frequency, EUT is set to reception state and then switched to transmission state.

Test Setup



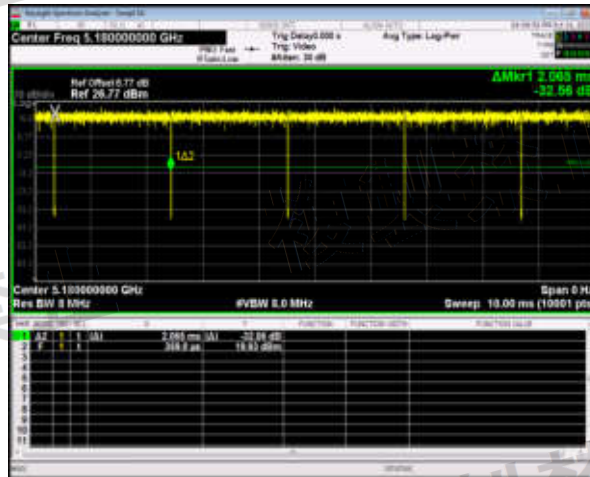
Limit

Item	Limits
Transmitting Burst Length	8ms or less

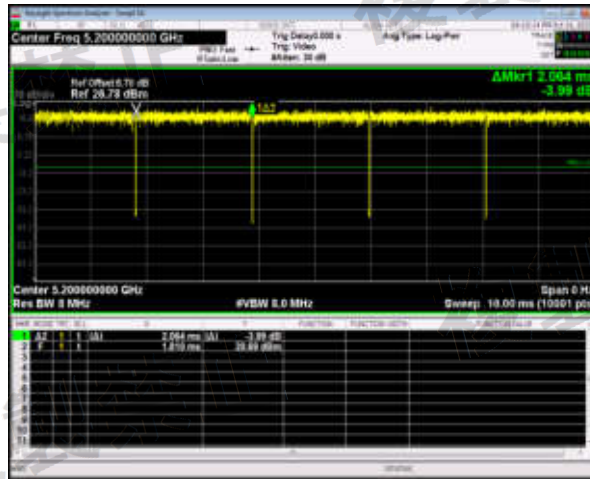
Test Results

W52

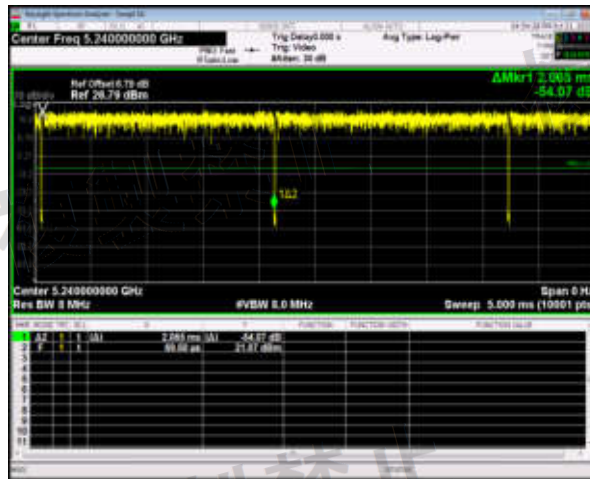
Mode	Frequency (MHz)	Burst Length (ms)	Limit (ms)	Verdict
802.11a	5180	2.065	8	Pass
802.11a	5200	2.064	8	Pass
802.11a	5240	2.065	8	Pass
802.11n HT20	5180	1.336	8	Pass
802.11n HT20	5200	1.336	8	Pass
802.11n HT20	5240	1.337	8	Pass
802.11n HT40	5190	0.944	8	Pass
802.11n HT40	5230	0.944	8	Pass
802.11ac20	5180	1.933	8	Pass
802.11ac20	5200	1.932	8	Pass
802.11ac20	5240	1.933	8	Pass
802.11ac40	5190	0.952	8	Pass
802.11ac40	5230	0.952	8	Pass
802.11ac80	5210	0.46	8	Pass
802.11ax20	5180	1.488	8	Pass
802.11ax20	5200	1.488	8	Pass
802.11ax20	5240	1.488	8	Pass
802.11ax40	5190	0.772	8	Pass
802.11ax40	5230	0.773	8	Pass
802.11ax80	5210	0.402	8	Pass



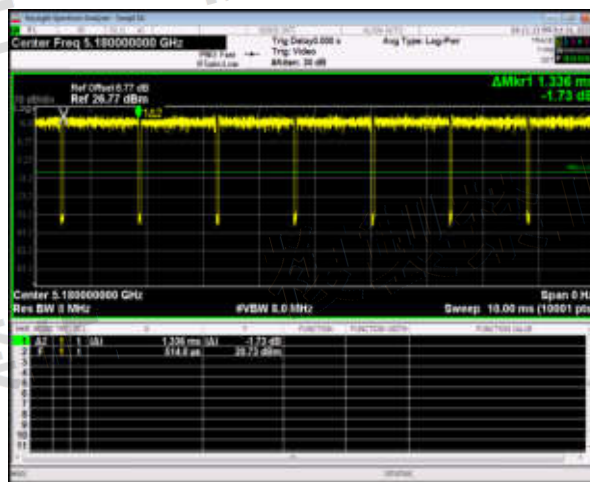
Burst Length NVNT 802.11a 5180MHz Ant1



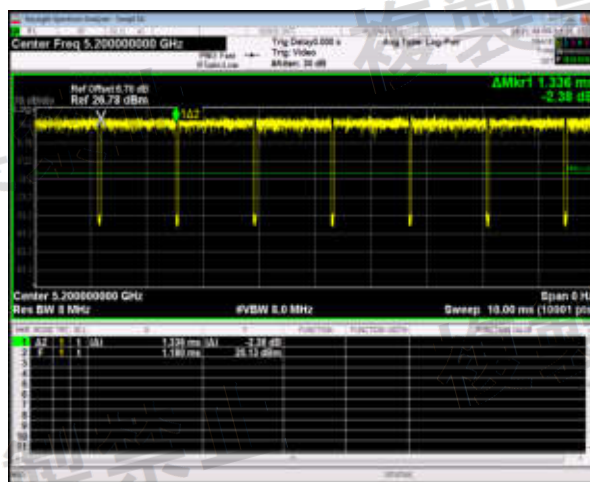
Burst Length NVNT 802.11a 5200MHz Ant1



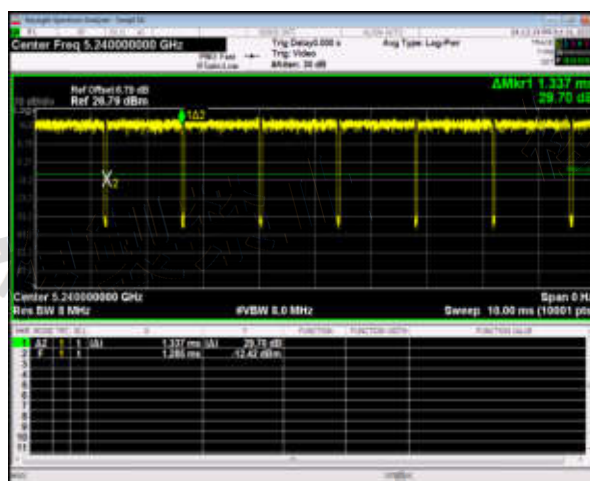
Burst Length NVNT 802.11a 5240MHz Ant1



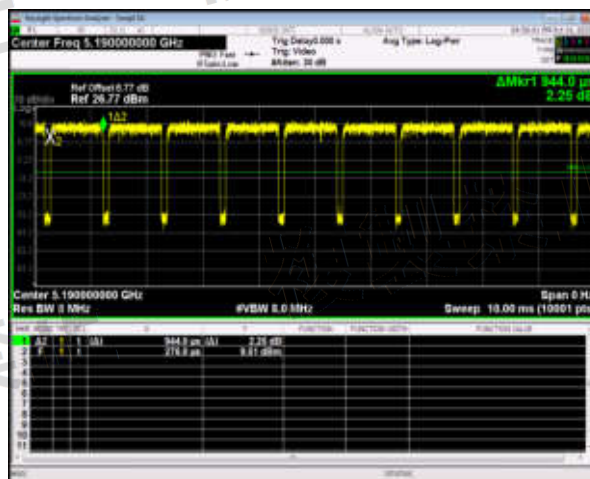
Burst Length NVNT 802.11n HT20 5180MHz Ant1



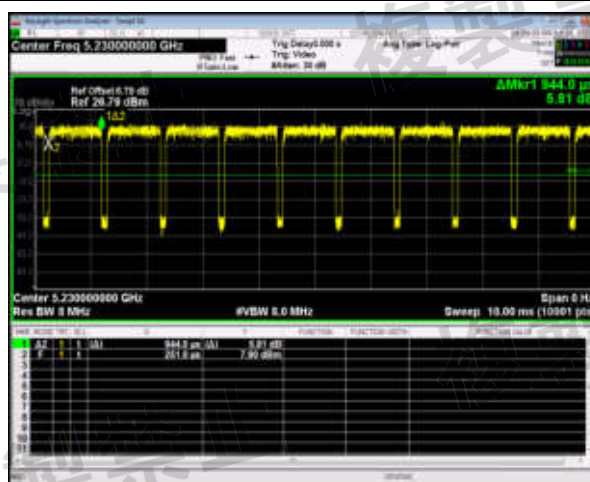
Burst Length NVNT 802.11n HT20 5200MHz Ant1



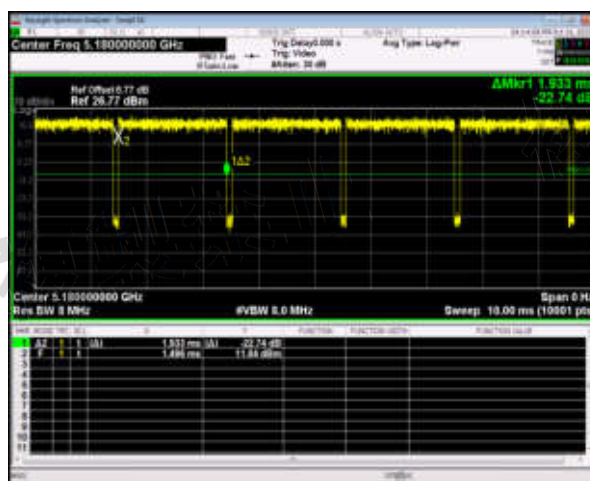
Burst Length NVNT 802.11n HT20 5240MHz Ant1



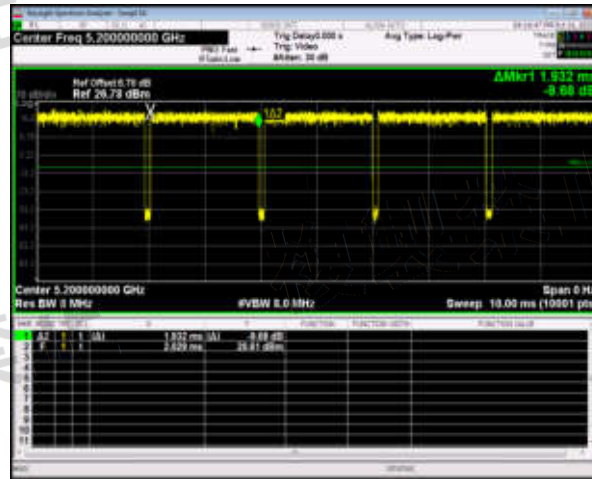
Burst Length NVNT 802.11n HT40 5190MHz Ant1



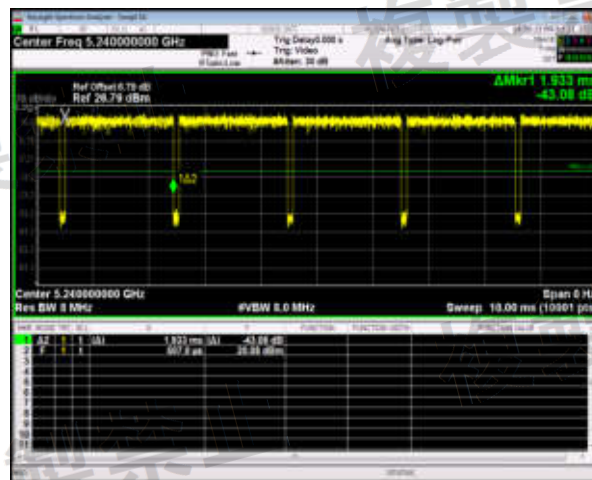
Burst Length NVNT 802.11n HT40 5230MHz Ant1



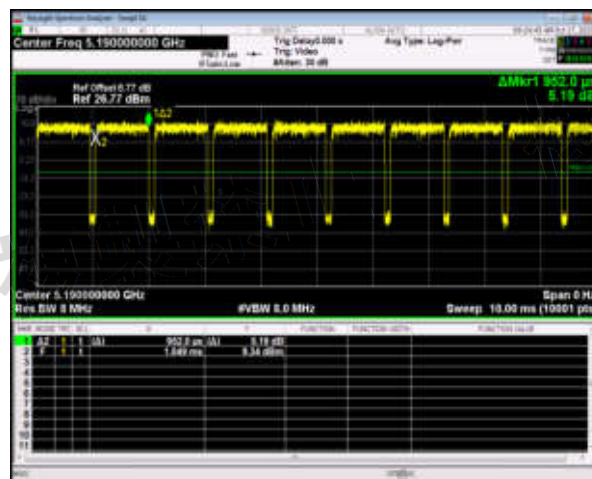
Burst Length NVNT 802.11ac20 5180MHz Ant1



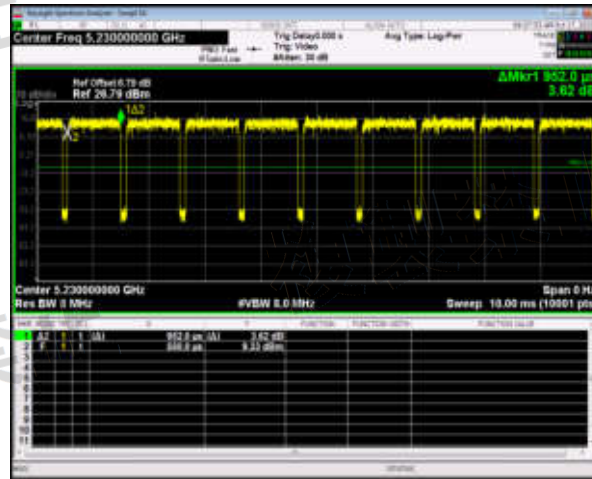
Burst Length NVNT 802.11ac20 5200MHz Ant1



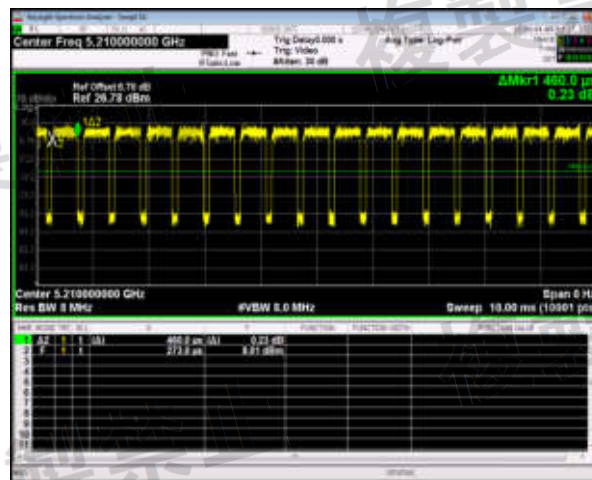
Burst Length NVNT 802.11ac20 5240MHz Ant1



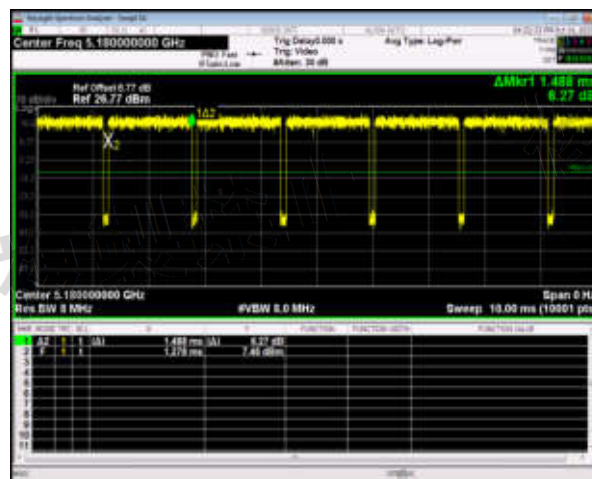
Burst Length NVNT 802.11ac40 5190MHz Ant1



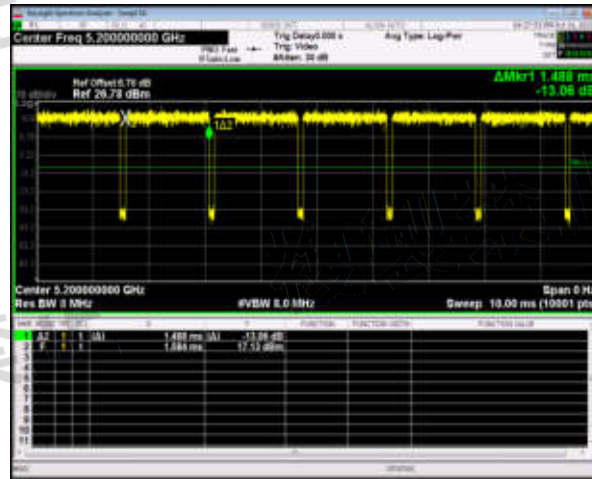
Burst Length NVNT 802.11ac40 5230MHz Ant1



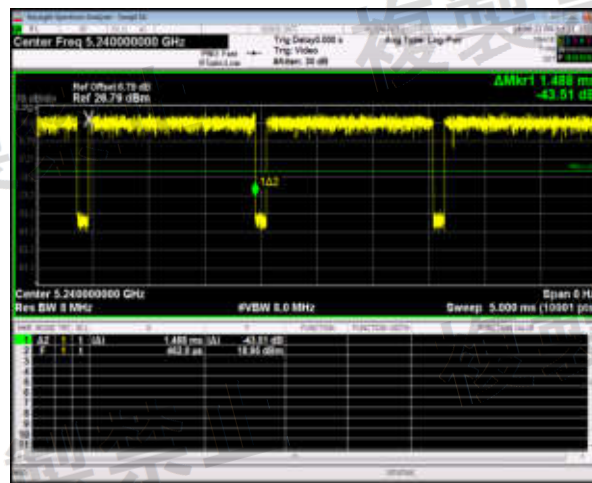
Burst Length NVNT 802.11ac80 5210MHz Ant1



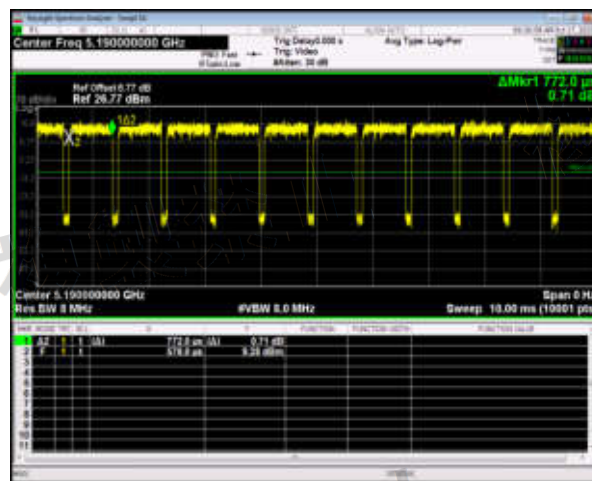
Burst Length NVNT 802.11ax20 5180MHz Ant1



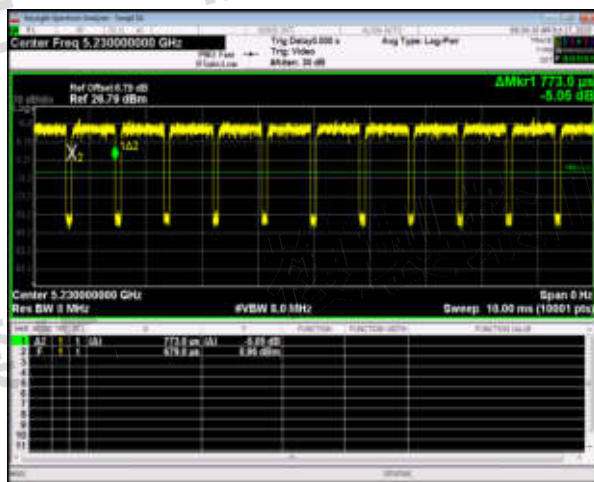
Burst Length NVNT 802.11ax20 5200MHz Ant1



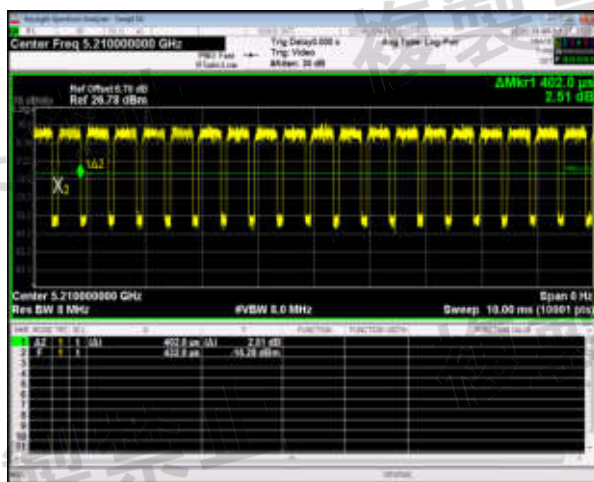
Burst Length NVNT 802.11ax20 5240MHz Ant1



Burst Length NVNT 802.11ax40 5190MHz Ant1



Burst Length NVNT 802.11ax40 5230MHz Ant1



Burst Length NVNT 802.11ax80 5210MHz Ant1

4.9. Construction Protection Confirmation

Ambient Condition

Temperature	Relative humidity	Pressure
25°C	50%	101.5kPa

Method of Measurement

☐	Sealed with special screws.
☐	Plastic chassis is being welded using ultrasonic waves.
☒	Chassis is glued using an adhesive.
☐	Metal covers are spot-fused.
☐	Cover is specially interlocked.
☐	RF and Modulation components are covered with shielding case and this shielding case is soldered.
☐	Shield case is welded at RF and modulation parts, and ID-ROM is welded using the BGA Method.
☐	Shield case is welded at RF and modulation parts, and ID-ROM is glued at its lead with a special adhesive.
☐	Shield case is welded at RF and modulation parts, and ID-ROM is glued with a non-transparent laminating agent.
☐	Other:

Limit

The high-frequency section and modulation section of the radio equipment except for the antenna system shall not be capable of being opened easily.

Protected Method	Chassis is glued using an adhesive.
Description	All main housings are assembled together via gluing, including Front Frame and Rear Frame, Outer Shell and Inner Shell of Left Arm and Right Arm. If the product is forcefully opened, it will be damaged and unable to function.

4.10. Carrier Sense Function

Ambient Condition

Temperature	Relative humidity	Pressure
25°C	50%	101.5kPa

Method of Measurement

Setting of standard signal generator is given as below:

Carrier Frequency Center frequency in the RX frequency band of the EUT

Modulation No-modulation (Note)

Output Level Same level as a value corresponding to the electrical field intensity of 100 mV/m

Note: In case the carrier sense function of the EUT does not work with no-modulated carrier at the center frequency, the frequency may be shifted or modulation is performed, if necessary.

Spectrum analyzer is set as below:

Central Frequency Central frequency of frequency band in use

Sweep Frequency Bandwidth 50 MHz

Resolution Bandwidth Approx 1 MHz

Video Bandwidth Same level as Resolution Bandwidth

Y-Axis Scale 10 dB/Div

Trigger Condition Free run

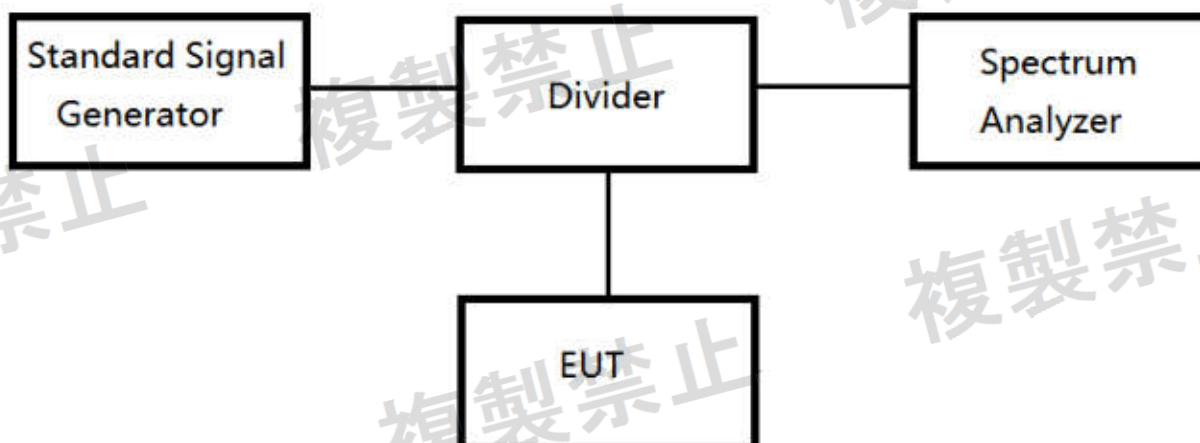
Phase-Detection Mode Positive peak

With the standard signal generator output OFF, turn the EUT on the TX mode. Verify with the spectrum analyzer that TX signal is put out.

Set the EUT on RX mode.

With the standard signal generator output ON, turn the EUT on the TX mode. Verify with the spectrum analyzer that TX signal is not put out.

Test Setup



Test Results

AP

Test Mode	Test Frequency (MHz)	Carrier Sense	Result
802.11ac VHT20	5180	GOOD	Pass
	5200	GOOD	Pass
	5240	GOOD	Pass
802.11ac VHT40	5190	GOOD	Pass
	5230	GOOD	Pass
802.11ac VHT80	5210	GOOD	Pass
802.11ax HE20	5180	GOOD	Pass
	5200	GOOD	Pass
	5240	GOOD	Pass
802.11ax HE40	5190	GOOD	Pass
	5230	GOOD	Pass
802.11ax HE80	5210	GOOD	Pass

STA

Test Mode	Test Frequency (MHz)	Carrier Sense	Result
802.11ac VHT20	5180	GOOD	Pass
	5200	GOOD	Pass
	5240	GOOD	Pass
802.11ac VHT40	5190	GOOD	Pass
	5230	GOOD	Pass
802.11ac VHT80	5210	GOOD	Pass
802.11ax HE20	5180	GOOD	Pass
	5200	GOOD	Pass
	5240	GOOD	Pass
802.11ax HE40	5190	GOOD	Pass
	5230	GOOD	Pass
802.11ax HE80	5210	GOOD	Pass

5. Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Unite	Date of Calibration	Expiry Date	Calibration Method
Power sensor	R&S	NRP18S	101954	CEPREI	2025-05-06	2026-05-05	c
Spectrum Analyzer	KEYSIGHT	N9020A	MY51330870	CEPREI	2025-05-06	2026-05-05	c
Attenuator	HASCO	HA18A-10	0003	/	/	/	c
Test software	MW	MTS8310	/	/	/	/	c
Multimeter	FLUKE	15B+	34210714WS	CEPREI	2025-05-06	2026-05-05	c

Calibration Method:

- a) Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1)
- b) Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992)
- c) Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1)
- d) Calibration conducted by using measuring instruments and other equipment listed in the right column of Table No. 3 attached hereto, which shall have been given any of calibration, etc. listed above from a) to c)

6. The EUT Appearance

Refer to *EUT Appearance*.

7. Test Setup Photos

Refer to *RF Test Setup*.

*****END OF REPORT *****