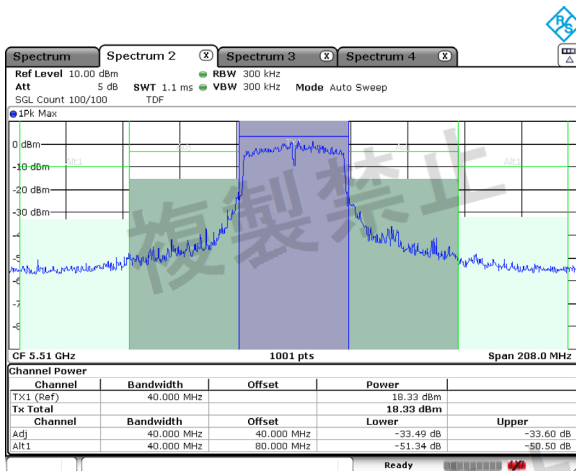


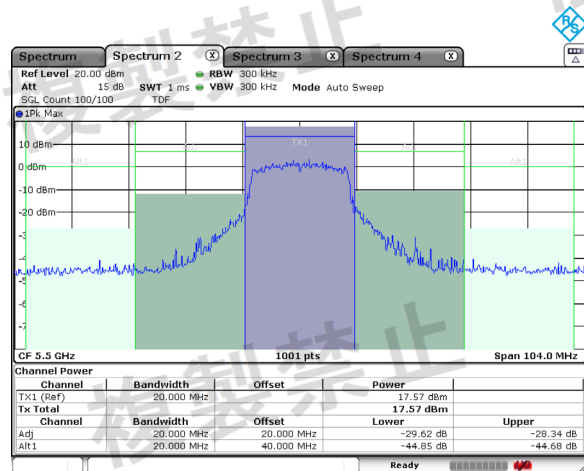
■ 802.11n(HT40)

CH Low

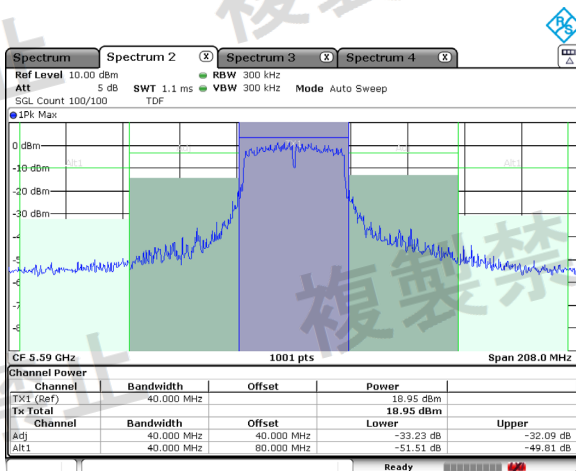


■ 802.11ac(VHT20)

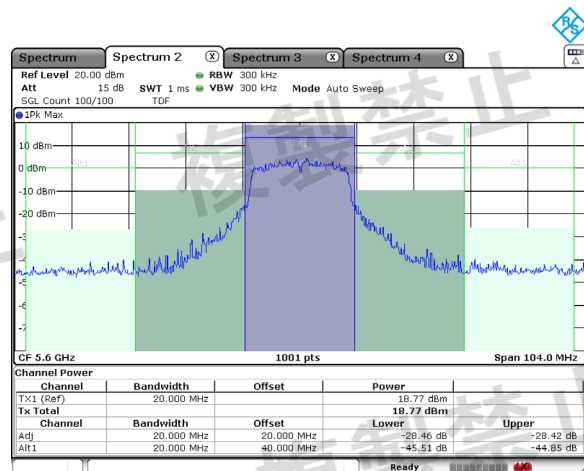
CH Low



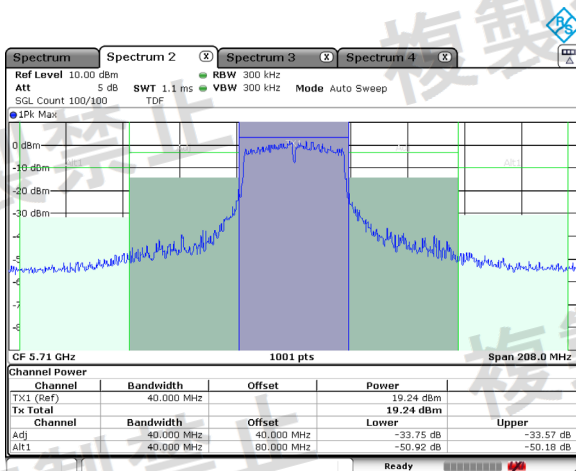
CH Middle



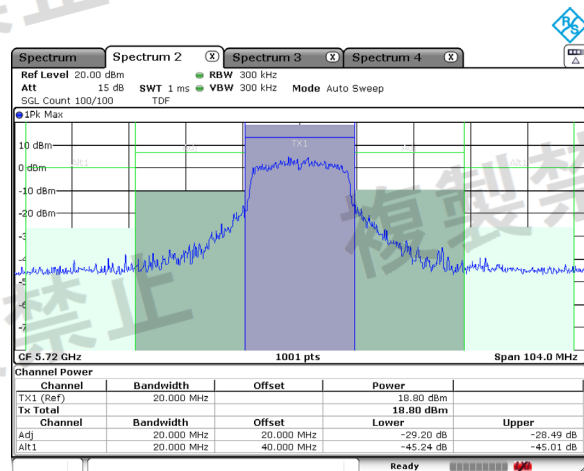
CH Middle



CH High

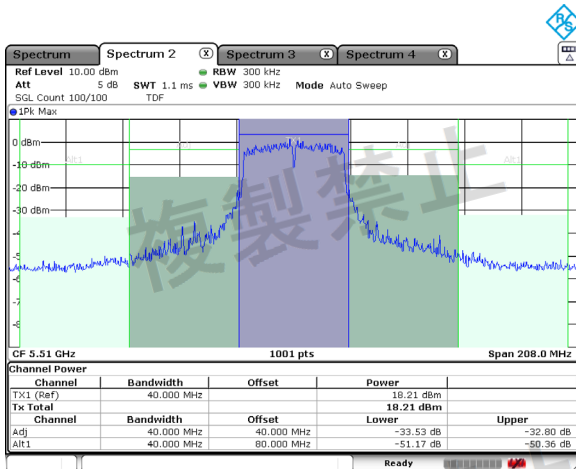


CH High



■ 802.11ac(VHT40)

CH Low

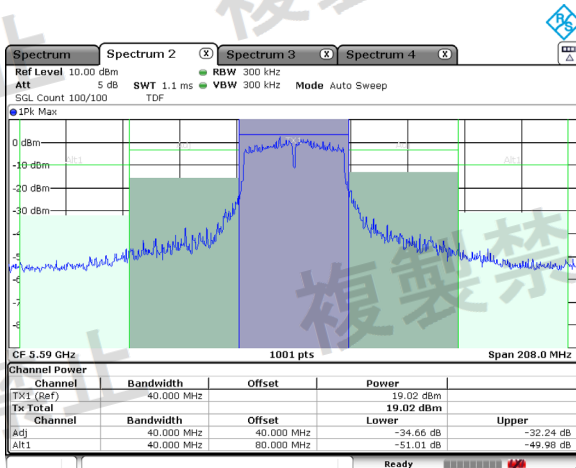


■ 802.11ax(HE20)

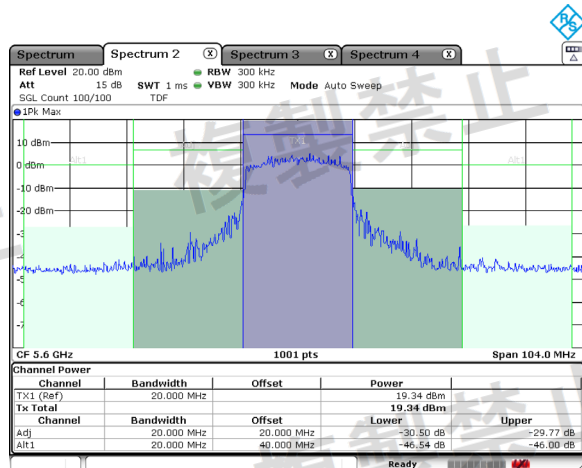
CH Low



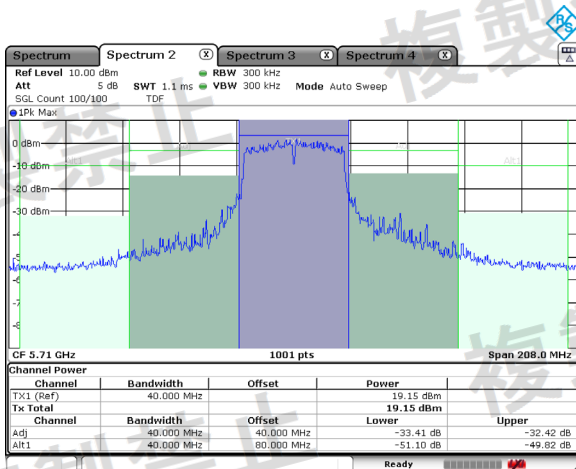
CH Middle



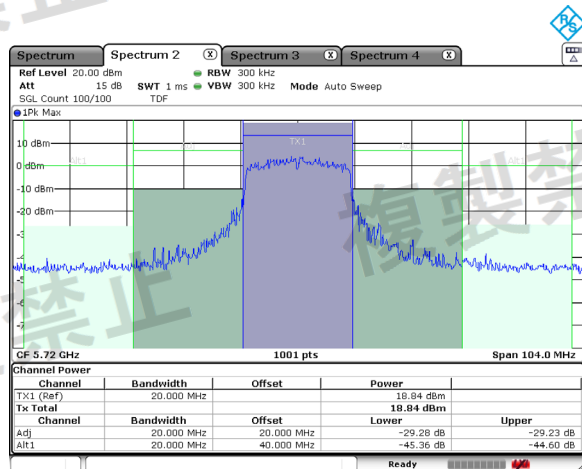
CH Middle



CH High

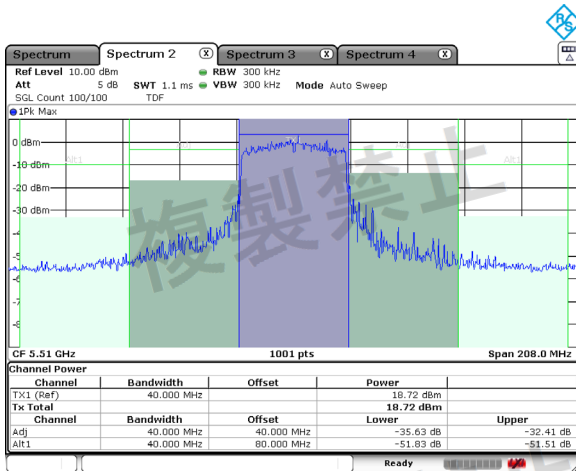


CH High

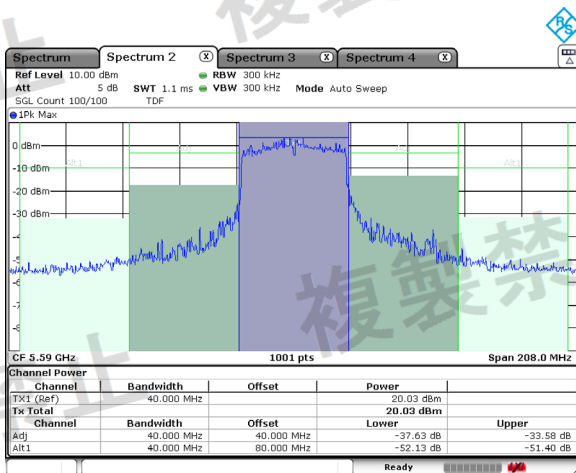


■ 802.11ax(HE40)

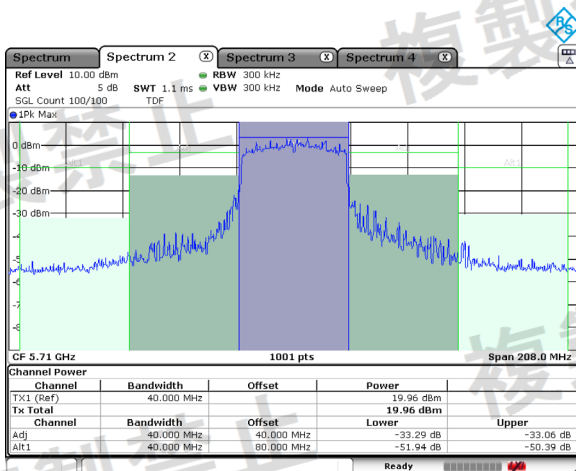
CH Low



CH Middle



CH High



5.5 Unwanted (Spurious) Emission Strength

5.5.1 Measurement Procedure

Connect transmitter output to the spectrum analyzer input port.

Unwanted (Spurious) emission strength is measured by following setting:

Set the spectrum analyzer RBW: 1 MHz, VBW: Same as RBW, Sweep time: auto

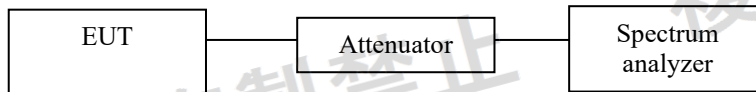
Sweep mode: Auto

Detector mode: Positive Peak

Trace mode: Max hold

Mark highest level

5.5.2 Test setup



5.5.3 Limit

■W52

Bandwidth ≤ 18 MHz

30 MHz to 5 142 MHz: 2.5 μ W/MHz

5 142 MHz to 5 150 MHz: 15 μ W/MHz

5 250 MHz to 5 251 MHz: $10^{1-(f-5240-9)}$ mW/MHz

5 251 MHz to 5 260 MHz: $10^{-(1-(8/90)(f-5240-11))}$ mW/MHz

5 260 MHz to 5 266.7 MHz: $10^{-(1.8-(6/50)(f-5240-20))}$ mW/MHz

5 266.7 MHz to 26 GHz: 2.5 μ W/MHz

18 MHz < Bandwidth ≤ 20 MHz

30 MHz to 5 142 MHz: 2.5 μ W/MHz

5 142 MHz to 5 150 MHz: 15 μ W/MHz

5 250 MHz to 5 250.2 MHz: $10^{1-(8/3)(f-5240-9.75)}$ mW/MHz

5 250.2 MHz to 5 251 MHz: $10^{1-(f-5240-9)}$

5 251 MHz to 5 260 MHz: $10^{-(1-(8/90)(f-5240-11))}$ mW/MHz

5 260 MHz to 5 266.7 MHz: $10^{-(1.8-(6/50)(f-5240-20))}$ mW/MHz

5 266.7 MHz to 26 GHz: 2.5 μ W/MHz

Bandwidth ≤ 40 MHz

30 MHz to 5 141.6 MHz: 2.5 μ W/MHz

5 141.6 MHz to 5 150 MHz: 15 μ W/MHz

5 250 MHz to 5 251 MHz: $10^{-(f-5230-20)+\log(1/2)}$ mW/MHz

5 251 MHz to 5 270 MHz: $10^{-(8/190)(f-5230-21)-1+\log(1/2)}$ mW/MHz

5 270 MHz to 5 278.4 MHz: $10^{-(3/50)(f-5230-40)-1.8+\log(1/2)}$ mW/MHz

5 278.4 MHz to 26 GHz: 2.5 μ W/MHz

■W53

Bandwidth ≤ 18 MHz

30 MHz to 5 233.3 MHz: 2.5 μ W/MHz

5 233.3 MHz to 5 240 MHz: $10^{-1.8-(6/50)(f-5260-20)}$ mW/MHz

5 240 MHz to 5 249 MHz: $10^{-1-(8/90)(f-5260-11)}$ mW/MHz

5 249 MHz to 5 250 MHz: $10^{1-(f-5260-9)}$ mW/MHz

5 350 MHz to 26 GHz: 2.5 μ W/MHz

18 MHz < Bandwidth ≤ 20 MHz

30 MHz to 5 233.3 MHz: 2.5 μ W/MHz

5 233.3 MHz to 5 240 MHz: $10^{-1.8-(6/50)(f-5260-20)}$ mW/MHz
5 240 MHz to 5 249 MHz: $10^{-1-(8/90)(f-5260-11)}$
5 249 MHz to 5 249.8 MHz: $10^{1-(f-5260-9)}$ mW/MHz
5 249.8 MHz to 5 250 MHz: $10^{1-(8/3)(f-5260-9.75)}$ mW/MHz
5 350 MHz to 26 GHz: 2.5 μ W/MHz

Bandwidth $\leq$ 40 MHz

30 MHz to 5 221.6 MHz: 2.5 μ W/MHz
5 221.6 MHz to 5 230 MHz: $10^{-(3/50)(f-5270-40)-1.8+\log(1/2)}$ mW/MHz
5 230 MHz to 5 249 MHz: $10^{-(8/190)(f-5270-21)-1+\log(1/2)}$ mW/MHz
5 249 MHz to 5 250 MHz: $10^{-(f-5270-20)+\log(1/2)}$ mW/MHz
5 350 MHz to 5 358.4 MHz: 15 μ W/MHz
5 358.4 MHz to 26 GHz: 2.5 μ W/MHz

■W56

Bandwidth $\leq$ 20 MHz (Others)

30 MHz to 5 470 MHz: 12.5 μ W/MHz
5 730 MHz to 26 GHz: 12.5 μ W/MHz

Bandwidth $\leq$ 20 MHz (OFDM)

30 MHz to 5 460 MHz: 2.5 μ W/MHz
5 460 MHz to 5 470 MHz: 12.5 μ W/MHz
5 745 MHz to 5 765 MHz: 12.5 μ W/MHz
5 765 MHz to 26 GHz: 2.5 μ W/MHz

Bandwidth $\leq$ 40 MHz

30 MHz to 5 460 MHz: 12.5 μ W/MHz
5 460 MHz to 5 470 MHz: 50 μ W/MHz
5 770 MHz to 26 GHz: 12.5 μ W/MHz

5.5.4 Test environment conditions

- Ambient temperature : (20 ~ 22) °C • Relative Humidity : (46 ~ 49) % R.H.

5.5.5 Measurement Result

■ W52

■ 802.11a

Frequency range	Measure value			Limit	Test results
[MHz]	[MHz]	[dBm]	[uW/MHz]	[uW/MHz]	
Low Channel [5 180 MHz]					
30 ~ 5 142	5 142.000 0	-36.32	0.233	2.5	Compliance
5 142 ~ 5 150	5 149.751 0	-28.81	1.315	15	Compliance
5 250 ~ 5 251	5 250.356 7	-40.09	0.098	439.85	Compliance
5 251 ~ 5 260	5 255.774 0	-41.26	0.075	37.64	Compliance
5 260 ~ 5 266.7	5 260.179 4	-44.34	0.037	15.08	Compliance
5 266.7 ~ 26 000	19 863.700 0	-45.06	0.031	2.5	Compliance
Middle Channel [5 200 MHz]					
30 ~ 5 142	5 130.900 0	-45.76	0.027	2.5	Compliance
5 142 ~ 5 150	5 148.443 0	-35.34	0.292	15	Compliance
5 250 ~ 5 251	5 250.116 5	-33.47	0.450	764.72	Compliance
5 251 ~ 5 260	5 251.007 0	-34.84	0.328	99.86	Compliance
5 260 ~ 5 266.7	5 263.805 7	-38.64	0.137	5.54	Compliance
5 266.7 ~ 26 000	19 833.700 0	-45.57	0.028	2.5	Compliance
High Channel [5 240 MHz]					
30 ~ 5 142	4 997.700 0	-47.95	0.016	2.5	Compliance
5 142 ~ 5 150	5 144.402 0	-48.51	0.014	15	Compliance
5 250 ~ 5 251	5 250.125 1	-3.02	498.884	749.72	Compliance
5 251 ~ 5 260	5 251.085 0	-54.04	0.004	98.28	Compliance
5 260 ~ 5 266.7	5 260.218 2	-18.65	13.646	14.92	Compliance
5 266.7 ~ 26 000	5 281.700 0	-36.33	0.233	2.5	Compliance

■802.11n(HT20)

Frequency range	Measure value			Limit [uW/MHz]	Test results
[MHz]	[MHz]	[dBm]	[uW/MHz]		
Low Channel [5 180 MHz]					
30 ~ 5 142	5 138.300 0	-39.20	0.120	2.5	Compliance
5 142 ~ 5 150	5 148.547 0	-27.50	1.778	15	Compliance
5 250 ~ 5 250.2	5 250.144 0	-41.12	0.077	889.884	Compliance
5 250.2 ~ 5 251	5 250.251 5	-42.17	0.061	560.402	Compliance
5 251 ~ 5 260	5 252.413 0	-39.62	0.109	74.886	Compliance
5 260 ~ 5 266.7	5 266.045 5	-45.05	0.031	2.982	Compliance
5 266.7 ~ 26 000	19 833.700 0	-43.90	0.041	2.5	Compliance
Middle Channel [5 200 MHz]					
30 ~ 5 142	5 138.300 0	-43.41	0.046	2.5	Compliance
5 142 ~ 5 150	5 148.373 0	-35.64	0.273	15	Compliance
5 250 ~ 5 250.2	5 250.072 8	-33.66	0.431	1 377.84	Compliance
5 250.2 ~ 5 251	5 250.446 0	-33.22	0.476	358.10	Compliance
5 251 ~ 5 260	5 251.020 0	-35.00	0.316	99.59	Compliance
5 260 ~ 5 266.7	5 260.683 6	-38.61	0.138	13.12	Compliance
5 266.7 ~ 26 000	19 833.700 0	-44.99	0.032	2.5	Compliance
High Channel [5 240 MHz]					
30 ~ 5 142	5 071.700 0	-47.73	0.017	2.5	Compliance
5 142 ~ 5 150	5 146.255 0	-48.53	0.014	15	Compliance
5 250 ~ 5 250.2	5 250.109 0	-1.05	785.236	1 103.23	Compliance
5 250.2 ~ 5 251	5 250.312 9	-48.53	0.014	486.52	Compliance
5 251 ~ 5 260	5 251.410 0	-54.98	0.003	91.96	Compliance
5 260 ~ 5 266.7	5 260.179 4	-57.99	0.002	15.08	Compliance
5 266.7 ~ 26 000	19 833.700 0	-45.30	0.030	2.5	Compliance

■802.11n(HT40)

Frequency range	Measure value			Limit [uW/MHz]	Test results
[MHz]	[MHz]	[dBm]	[uW/MHz]		
Low Channel [5 190 MHz]					
30 ~ 5 142	5 137.900 0	-36.28	0.236	2.5	Compliance
5 141.6 ~ 5 150	5 148.827 0	-27.08	1.959	15	Compliance
5 250 ~ 5 251	5 250.947 2	-29.80	1.047	56.46	Compliance
5 251 ~ 5 270	5 251.949 0	-32.98	0.504	45.60	Compliance
5 270 ~ 5 278.4	5 272.851 0	-41.07	0.078	5.34	Compliance
5 278.4 ~ 26 000	19 537.400 0	-45.33	0.029	2.5	Compliance
High Channel [5 230 MHz]					
30 ~ 5 142	5 137.900 0	-49.20	0.012	2.5	Compliance
5 141.6 ~ 5 150	5 148.025 0	-41.57	0.070	15	Compliance
5 250 ~ 5 251	5 250.016 6	-8.80	131.826	481.25	Compliance
5 251 ~ 5 270	5 251.041 0	-55.82	0.003	49.80	Compliance
5 270 ~ 5 278.4	5 272.279 0	-25.37	2.904	5.78	Compliance
5 278.4 ~ 26 000	5 293.400 0	-32.63	0.546	2.5	Compliance

■802.11ac(VHT20)

Frequency range	Measure value			Limit [uW/MHz]	Test results
[MHz]	[MHz]	[dBm]	[uW/MHz]		
Low Channel [5 180 MHz]					
30 ~ 5 142	5 138.300 0	-36.80	0.209	2.5	Compliance
5 142 ~ 5 150	5 149.450 0	-27.77	1.671	15	Compliance
5 250 ~ 5 250.2	5 250.194 4	-42.20	0.060	653.03	Compliance
5 250.2 ~ 5 251	5 250.507 4	-42.71	0.054	310.89	Compliance
5 251 ~ 5 260	5 251.124 0	-41.44	0.072	97.49	Compliance
5 260 ~ 5 266.7	5 260.402 4	-46.57	0.022	14.18	Compliance
5 266.7 ~ 26 000	19 863.700 0	-45.29	0.030	2.5	Compliance
Middle Channel [5 200 MHz]					
30 ~ 5 142	5 130.900 0	-43.91	0.041	2.5	Compliance
5 142 ~ 5 150	5 147.459 0	-37.10	0.195	15	Compliance
5 250 ~ 5 250.2	5 250.186 8	-32.99	0.502	684.23	Compliance
5 250.2 ~ 5 251	5 250.637 0	-33.13	0.486	230.67	Compliance
5 251 ~ 5 260	5 255.148 0	-34.50	0.355	42.78	Compliance
5 260 ~ 5 266.7	5 262.516 1	-36.98	0.200	7.91	Compliance
5 266.7 ~ 26 000	19 893.700 0	-44.81	0.033	2.5	Compliance
High Channel [5 240 MHz]					
30 ~ 5 142	5 086.500 0	-49.06	0.012	2.5	Compliance
5 142 ~ 5 150	5 142.932 0	-48.64	0.014	15	Compliance
5 250 ~ 5 250.2	5 250.002 2	-0.62	866.962	2 125.53	Compliance
5 250.2 ~ 5 251	5 250.205 2	-2.43	571.479	623.45	Compliance
5 251 ~ 5 260	5 251.007 0	-53.97	0.004	99.86	Compliance
5 260 ~ 5 266.7	5 260.926 0	-19.92	10.186	12.27	Compliance
5 266.7 ~ 26 000	5 281.700 0	-35.70	0.269	2.5	Compliance

■802.11ac(VHT40)

Frequency range	Measure value			Limit [uW/MHz]	Test results
[MHz]	[MHz]	[dBm]	[uW/MHz]		
Low Channel [5 190 MHz]					
30 ~ 5 141.6	5 137.900 0	-34.44	0.360	2.5	Compliance
5 141.6 ~ 5 150	5 148.596 0	-26.44	2.270	15	Compliance
5 250 ~ 5 251	5 250.675 1	-31.08	0.780	105.65	Compliance
5 251 ~ 5 270	5 251.344 0	-32.96	0.506	48.36	Compliance
5 270 ~ 5 278.4	5 270.140 0	-40.46	0.090	7.77	Compliance
5 278.4 ~ 26 000	19 837.400 0	-44.77	0.033	2.5	Compliance
High Channel [5 230 MHz]					
30 ~ 5 141.6	5 137.900 0	-48.52	0.014	2.5	Compliance
5 141.6 ~ 5 150	5 146.590 0	-42.02	0.063	15	Compliance
5 250 ~ 5 251	5 250.028 2	-7.48	178.649	468.57	Compliance
5 251 ~ 5 270	5 251.014 0	-55.55	0.003	49.93	Compliance
5 270 ~ 5 278.4	5 273.009 0	-24.77	3.334	5.23	Compliance
5 278.4 ~ 26 000	5 293.400 0	-38.58	0.139	2.5	Compliance

■802.11ax(HE20)

Frequency range	Measure value			Limit [uW/MHz]	Test results
[MHz]	[MHz]	[dBm]	[uW/MHz]		
Low Channel [5 180 MHz]					
30 ~ 5 142	5 138.300 0	-37.90	0.162	2.5	Compliance
5 142 ~ 5 150	5 148.524 0	-27.23	1.892	15	Compliance
5 250 ~ 5 250.2	5 250.092 2	-41.36	0.073	1 223.11	Compliance
5 250.2 ~ 5 251	5 250.261 9	-41.75	0.067	547.14	Compliance
5 251 ~ 5 260	5 253.182 0	-40.21	0.095	63.98	Compliance
5 260 ~ 5 266.7	5 260.606 0	-44.76	0.033	13.41	Compliance
5 266.7 ~ 26 000	19 803.700 0	-45.51	0.028	2.5	Compliance
Middle Channel [5 200 MHz]					
30 ~ 5 142	5 138.300 0	-47.05	0.020	2.5	Compliance
5 142 ~ 5 150	5 149.763 0	-37.09	0.195	15	Compliance
5 250 ~ 5 250.2	5 250.196 4	-32.77	0.528	645.06	Compliance
5 250.2 ~ 5 251	5 250.818 8	-34.16	0.384	151.77	Compliance
5 251 ~ 5 260	5 253.455 0	-33.23	0.475	60.50	Compliance
5 260 ~ 5 266.7	5 263.214 3	-37.17	0.192	6.52	Compliance
5 266.7 ~ 26 000	19 923.700 0	-44.90	0.032	2.5	Compliance
High Channel [5 240 MHz]					
30 ~ 5 142	4 997.700 0	-47.18	0.019	2.5	Compliance
5 142 ~ 5 150	5 149.878 0	-48.36	0.015	15	Compliance
5 250 ~ 5 250.2	5 250.028 5	-35.47	0.284	1 808.56	Compliance
5 250.2 ~ 5 251	5 250.326 8	-38.04	0.157	471.19	Compliance
5 251 ~ 5 260	5 251.358 0	-52.02	0.006	92.93	Compliance
5 260 ~ 5 266.7	5 260.955 1	-58.53	0.001	12.17	Compliance
5 266.7 ~ 26 000	5 281.700 0	-34.32	0.370	2.5	Compliance

■802.11ax(HE40)

Frequency range	Measure value			Limit [uW/MHz]	Test results
[MHz]	[MHz]	[dBm]	[uW/MHz]		
Low Channel [5 190 MHz]					
30 ~ 5 141.6	5 137.900 0	-35.81	0.262	2.5	Compliance
5 141.6 ~ 5 150	5 144.062 0	-25.98	2.523	15	Compliance
5 250 ~ 5 251	5 250.656 3	-31.59	0.693	110.32	Compliance
5 251 ~ 5 270	5 254.478 0	-33.65	0.432	35.69	Compliance
5 270 ~ 5 278.4	5 270.128 0	-40.31	0.093	7.79	Compliance
5 278.4 ~ 26 000	19 867.400 0	-45.40	0.029	2.5	Compliance
High Channel [5 230 MHz]					
30 ~ 5 141.6	4 982.600 0	-47.48	0.018	2.5	Compliance
5 141.6 ~ 5 150	5 144.621 0	-42.67	0.054	15	Compliance
5 250 ~ 5 251	5 250.018 1	-3.89	408.319	479.59	Compliance
5 251 ~ 5 270	5 251.289 0	-60.48	0.001	48.62	Compliance
5 270 ~ 5 278.4	5 270.687 0	-24.94	3.206	7.21	Compliance
5 278.4 ~ 26 000	5 293.400 0	-36.16	0.242	2.5	Compliance

■W53

■802.11a

Frequency range	Measure value			Limit	Test results
[MHz]	[MHz]	[dBm]	[uW/MHz]	[uW/MHz]	
Low Channel [5 260 MHz]					
30 ~ 5 233.3	5 229.500 0	-33.77	0.420	2.5	Compliance
5 233.3 ~ 5 240	5 237.454 8	-40.35	0.092	7.84	Compliance
5 240 ~ 5 249	5 248.707 0	-50.95	0.008	94.18	Compliance
5 249 ~ 5 250	5 249.900 9	-4.48	356.451	795.98	Compliance
5 266.7 ~ 26 000	19 919.000 0	-45.03	0.031	2.5	Compliance
Middle Channel [5 280 MHz]					
30 ~ 5 233.3	5 229.500 0	-39.46	0.113	2.5	Compliance
5 233.3 ~ 5 240	5 239.646 1	-48.18	0.015	14.37	Compliance
5 240 ~ 5 249	5 247.821 0	-29.61	1.094	78.56	Compliance
5 249 ~ 5 250	5 249.931 3	-27.22	1.897	853.69	Compliance
5 266.7 ~ 26 000	19 859.000 0	-45.40	0.029	2.5	Compliance
High Channel [5 320 MHz]					
30 ~ 5 233.3	5 206.900 0	-49.80	0.010	2.5	Compliance
5 233.3 ~ 5 240	5 239.316 4	-58.80	0.001	13.12	Compliance
5 240 ~ 5 249	5 247.014 0	-45.18	0.030	66.60	Compliance
5 249 ~ 5 250	5 249.390 0	-42.65	0.054	245.47	Compliance
5 266.7 ~ 26 000	5 365.000 0	-35.85	0.260	2.5	Compliance

■802.11n(HT20)

Frequency range	Measure value			Limit [uW/MHz]	Test results
[MHz]	[MHz]	[dBm]	[uW/MHz]		
Low Channel [5 260 MHz]					
30 ~ 5 233.3	5 229.500 0	-35.49	0.282	2.5	Compliance
5 233.3 ~ 5 240	5 238.434 1	-38.72	0.134	10.28	Compliance
5 240 ~ 5 249	5 248.863 0	-50.26	0.009	97.23	Compliance
5 249 ~ 5 249.8	5 249.643 1	-48.60	0.014	439.64	Compliance
5 249.8 ~ 5 250	5 249.958 5	-1.78	663.743	1 669.81	Compliance
5 350 ~ 26 000	19 530.000 0	-44.65	0.034	2.5	Compliance
Middle Channel [5 280 MHz]					
30 ~ 5 233.3	5 229.500 0	-40.87	0.082	2.5	Compliance
5 233.3 ~ 5 240	5 238.725 0	-50.12	0.010	11.14	Compliance
5 240 ~ 5 249	5 248.030 0	-27.35	1.841	81.99	Compliance
5 249 ~ 5 249.8	5 249.622 3	-26.56	2.208	419.08	Compliance
5 249.8 ~ 5 250	5 249.921 4	-26.16	2.421	1 329.64	Compliance
5 350 ~ 26 000	19 889.000 0	-43.05	0.050	2.5	Compliance
High Channel [5 320 MHz]					
30 ~ 5 233.3	5 086.500 0	-49.39	0.012	2.5	Compliance
5 233.3 ~ 5 240	5 238.143 2	-59.39	0.001	9.49	Compliance
5 240 ~ 5 249	5 245.399 0	-42.04	0.063	47.85	Compliance
5 249 ~ 5 249.8	5 249.498 4	-41.76	0.067	315.06	Compliance
5 249.8 ~ 5 250	5 249.920 6	-44.21	0.038	1 323.12	Compliance
5 350 ~ 26 000	5 365.000 0	-36.41	0.229	2.5	Compliance

■802.11n(HT40)

Frequency range	Measure value			Limit [uW/MHz]	Test results
[MHz]	[MHz]	[dBm]	[uW/MHz]		
Low Channel [5 270 MHz]					
30 ~ 5 221.6	5 217.800 0	-37.88	0.163	2.5	Compliance
5 221.6 ~ 5230	5 227.453 0	-44.26	0.037	5.57	Compliance
5 230 ~ 5 249	5 248.849 0	-56.99	0.002	49.27	Compliance
5 249 ~ 5 250	5 249.920 0	-9.05	124.451	415.88	Compliance
5 350 ~ 5 358.4	5 350.055 0	-42.00	0.063	15	Compliance
5 358.4 ~ 26 000	19 891.400 0	-45.41	0.029	2.5	Compliance
High Channel [5 310 MHz]					
30 ~ 5 221.6	5 075.100 0	-49.94	0.010	2.5	Compliance
5 221.6 ~ 5230	5 226.833 0	-59.06	0.001	5.12	Compliance
5 230 ~ 5 249	5 243.349 0	-36.55	0.221	28.91	Compliance
5 249 ~ 5 250	5 249.599 9	-34.11	0.388	199.01	Compliance
5 350 ~ 5 358.4	5 350.322 0	-25.65	2.723	15	Compliance
5 358.4 ~ 26 000	5 373.400 0	-31.69	0.678	2.5	Compliance

■802.11ac(VHT20)

Frequency range	Measure value			Limit [uW/MHz]	Test results
[MHz]	[MHz]	[dBm]	[uW/MHz]		
Low Channel [5 260 MHz]					
30 ~ 5 233.3	5 229.500 0	-35.98	0.252	2.5	Compliance
5 233.3 ~ 5 240	5 238.259 6	-39.48	0.113	9.80	Compliance
5 240 ~ 5 249	5 248.733 0	-51.57	0.007	94.68	Compliance
5 249 ~ 5 249.8	5 249.758 9	-2.81	523.600	573.98	Compliance
5 249.8 ~ 5 250	5 249.884 4	-2.24	597.035	1 059.42	Compliance
5 350 ~ 26 000	19 530.000 0	-44.98	0.032	2.5	Compliance
Middle Channel [5 280 MHz]					
30 ~ 5 233.3	5 222.000 0	-43.63	0.043	2.5	Compliance
5 233.3 ~ 5 240	5 237.173 6	-49.72	0.011	7.26	Compliance
5 240 ~ 5 249	5 246.688 0	-29.03	1.250	62.30	Compliance
5 249 ~ 5 249.8	5 249.130 2	-27.77	1.671	134.96	Compliance
5 249.8 ~ 5 250	5 249.921 7	-29.18	1.208	1 332.09	Compliance
5 350 ~ 26 000	19 889.000 0	-45.71	0.027	2.5	Compliance
High Channel [5 320 MHz]					
30 ~ 5 233.3	5 229.500 0	-49.26	0.012	2.5	Compliance
5 233.3 ~ 5 240	5 238.133 5	-59.84	0.001	9.46	Compliance
5 240 ~ 5 249	5 247.639 0	-45.48	0.028	75.69	Compliance
5 249 ~ 5 249.8	5 249.303 9	-45.95	0.025	201.33	Compliance
5 249.8 ~ 5 250	5 249.924 3	-45.14	0.031	1 353.53	Compliance
5 350 ~ 26 000	5 365.000 0	-35.65	0.272	2.5	Compliance

■802.11ac(VHT40)

Frequency range	Measure value			Limit [uW/MHz]	Test results
[MHz]	[MHz]	[dBm]	[uW/MHz]		
Low Channel [5 270 MHz]					
30 ~ 5 221.6	5 217.800 0	-35.94	0.255	2.5	Compliance
5 221.6 ~ 5230	5 229.362 0	-43.63	0.043	7.26	Compliance
5 230 ~ 5 249	5 248.821 0	-55.56	0.003	49.14	Compliance
5 249 ~ 5 250	5 249.905 8	-9.45	113.501	402.50	Compliance
5 350 ~ 5 358.4	5 352.340 0	-42.47	0.057	15	Compliance
5 358.4 ~ 26 000	19 861.400 0	-45.30	0.030	2.5	Compliance
High Channel [5 310 MHz]					
30 ~ 5 221.6	5 082.600 0	-49.85	0.010	2.5	Compliance
5 221.6 ~ 5230	5 222.445 0	-58.49	0.001	2.79	Compliance
5 230 ~ 5 249	5 248.684 0	-37.40	0.182	48.49	Compliance
5 249 ~ 5 250	5 249.040 7	-36.03	0.249	54.91	Compliance
5 350 ~ 5 358.4	5 350.188 0	-24.03	3.954	15	Compliance
5 358.4 ~ 26 000	5 373.400 0	-32.49	0.564	2.5	Compliance

■802.11ax(HE20)

Frequency range	Measure value			Limit [uW/MHz]	Test results
[MHz]	[MHz]	[dBm]	[uW/MHz]		
Low Channel [5 260 MHz]					
30 ~ 5 233.3	5 229.500 0	-32.41	0.574	2.5	Compliance
5 233.3 ~ 5 240	5 236.814 8	-39.09	0.123	6.22	Compliance
5 240 ~ 5 249	5 248.707 0	-50.06	0.010	94.18	Compliance
5 249 ~ 5 249.8	5 249.765 8	-37.35	0.184	583.18	Compliance
5 249.8 ~ 5 250	5 249.984 2	2.76	1 887.991	1 955.24	Compliance
5 350 ~ 26 000	19 829.000 0	-45.08	0.031	2.5	Compliance
Middle Channel [5 280 MHz]					
30 ~ 5 233.3	5 229.500 0	-38.26	0.149	2.5	Compliance
5 233.3 ~ 5 240	5 236.058 5	-50.78	0.008	5.33	Compliance
5 240 ~ 5 249	5 247.704 0	-29.34	1.164	76.70	Compliance
5 249 ~ 5 249.8	5 249.244 9	-26.33	2.328	175.75	Compliance
5 249.8 ~ 5 250	5 249.997 3	-26.58	2.198	2 119.01	Compliance
5 350 ~ 26 000	19 829.000 0	-45.22	0.030	2.5	Compliance
High Channel [5 320 MHz]					
30 ~ 5 233.3	5 086.500 0	-50.03	0.010	2.5	Compliance
5 233.3 ~ 5 240	5 235.379 8	-59.64	0.001	4.42	Compliance
5 240 ~ 5 249	5 247.795 0	-46.31	0.023	78.14	Compliance
5 249 ~ 5 249.8	5 249.384 9	-43.43	0.045	242.61	Compliance
5 249.8 ~ 5 250	5 249.963 4	-44.90	0.032	1 720.81	Compliance
5 350 ~ 26 000	5 365.000 0	-34.81	0.330	2.5	Compliance

■802.11ax(HE40)

Frequency range	Measure value			Limit [uW/MHz]	Test results
[MHz]	[MHz]	[dBm]	[uW/MHz]		
Low Channel [5 270 MHz]					
30 ~ 5 221.6	5 217.800 0	-35.12	0.308	2.5	Compliance
5 221.6 ~ 5230	5 228.158 0	-45.01	0.032	6.14	Compliance
5 230 ~ 5 249	5 248.904 0	-61.51	0.001	49.54	Compliance
5 249 ~ 5 250	5 249.962 5	-5.69	269.774	458.64	Compliance
5 350 ~ 5 358.4	5 352.158 0	-41.76	0.067	15	Compliance
5 358.4 ~ 26 000	19 831.400 0	-45.22	0.030	2.5	Compliance
High Channel [5 310 MHz]					
30 ~ 5 221.6	5 217.800 0	-48.33	0.015	2.5	Compliance
5 221.6 ~ 5230	5 228.936 0	-59.66	0.001	6.84	Compliance
5 230 ~ 5 249	5 246.649 0	-36.19	0.240	39.81	Compliance
5 249 ~ 5 250	5 249.735 6	-34.53	0.352	272.00	Compliance
5 350 ~ 5 358.4	5 353.665 0	-25.51	2.812	15	Compliance
5 358.4 ~ 26 000	5 373.400 0	-36.14	0.243	2.5	Compliance

■W56

■802.11a

Frequency range	Measure value			Limit	Test results
[MHz]	[MHz]	[dBm]	[uW/MHz]	[uW/MHz]	
Low Channel [5 500 MHz]					
30 ~ 5 470	5 466.100 0	-33.58	0.439	12.5	Compliance
5 730 ~ 26 000	19 854.000 0	-44.00	0.040	12.5	Compliance
Middle Channel [5 600 MHz]					
30 ~ 5 470	5 442.400 0	-48.41	0.014	12.5	Compliance
5 730 ~ 26 000	19 854.000 0	-44.60	0.035	12.5	Compliance
High Channel [5 720 MHz]					
30 ~ 5 470	5 403.100 0	-50.34	0.009	12.5	Compliance
5 730 ~ 26 000	5 745.000 0	-59.17	0.001	12.5	Compliance

■802.11n(HT20)

Frequency range	Measure value			Limit [uW/MHz]	Test results
[MHz]	[MHz]	[dBm]	[uW/MHz]		
Low Channel [5 500 MHz]					
30 ~ 5 460	5 456.100 0	-38.35	0.146	2.5	Compliance
5 460 ~ 5 470	5 469.356 0	-28.17	1.524	12.5	Compliance
5 745 ~ 5 765	5 748.603 0	-48.34	0.015	12.5	Compliance
5 765 ~ 26 000	19 836.000 0	-44.88	0.033	2.5	Compliance
Middle Channel [5 600 MHz]					
30 ~ 5 460	5 432.500 0	-48.09	0.016	2.5	Compliance
5 460 ~ 5 470	5 461.700 0	-49.01	0.013	12.5	Compliance
5 745 ~ 5 765	5 756.939 0	-47.91	0.016	12.5	Compliance
5 765 ~ 26 000	19 836.000 0	-44.59	0.035	2.5	Compliance
High Channel [5 720 MHz]					
30 ~ 5 460	5 408.900 0	-51.25	0.007	2.5	Compliance
5 460 ~ 5 470	5 465.955 0	-50.05	0.010	12.5	Compliance
5 745 ~ 5 765	5 745.535 0	-26.03	2.495	12.5	Compliance
5 765 ~ 26 000	5 780.000 0	-42.71	0.054	2.5	Compliance

■802.11n(HT40)

Frequency range	Measure value			Limit [uW/MHz]	Test results
[MHz]	[MHz]	[dBm]	[uW/MHz]		
Low Channel [5 510 MHz]					
30 ~ 5 460	5 456.100 0	-32.98	0.504	12.5	Compliance
5 460 ~ 5 470	5 469.081 0	-26.80	2.089	50	Compliance
5 770 ~ 26 000	19 867.000 0	-44.78	0.033	12.5	Compliance
Middle Channel [5 590 MHz]					
30 ~ 5 460	5 353.900 0	-47.87	0.016	12.5	Compliance
5 460 ~ 5 470	5 464.204 0	-50.05	0.010	50	Compliance
5 770 ~ 26 000	19 867.000 0	-45.29	0.030	12.5	Compliance
High Channel [5 710 MHz]					
30 ~ 5 460	5 456.100 0	-50.16	0.010	12.5	Compliance
5 460 ~ 5 470	5 468.835 0	-46.45	0.023	50	Compliance
5 770 ~ 26 000	5 785.000 0	-45.01	0.032	12.5	Compliance

■802.11ac(VHT20)

Frequency range	Measure value			Limit [uW/MHz]	Test results
[MHz]	[MHz]	[dBm]	[uW/MHz]		
Low Channel [5 500 MHz]					
30 ~ 5 460	5 456.100 0	-39.74	0.106	2.5	Compliance
5 460 ~ 5 470	5 468.314 0	-28.16	1.528	12.5	Compliance
5 745 ~ 5 765	5 747.533 0	-48.40	0.014	12.5	Compliance
5 765 ~ 26 000	19 836.000 0	-43.86	0.041	2.5	Compliance
Middle Channel [5 600 MHz]					
30 ~ 5 460	5 369.600 0	-48.81	0.013	2.5	Compliance
5 460 ~ 5 470	5 465.999 0	-49.19	0.012	12.5	Compliance
5 745 ~ 5 765	5 754.913 0	-46.91	0.020	12.5	Compliance
5 765 ~ 26 000	19 836.000 0	-44.83	0.033	2.5	Compliance
High Channel [5 720 MHz]					
30 ~ 5 460	5 401.100 0	-50.31	0.009	2.5	Compliance
5 460 ~ 5 470	5 466.216 0	-49.82	0.010	12.5	Compliance
5 745 ~ 5 765	5 745.738 0	-25.52	2.805	12.5	Compliance
5 765 ~ 26 000	5 780.000 0	-40.57	0.088	2.5	Compliance

■802.11ac(VHT40)

Frequency range	Measure value			Limit [uW/MHz]	Test results
[MHz]	[MHz]	[dBm]	[uW/MHz]		
Low Channel [5 510 MHz]					
30 ~ 5 460	5 456.100 0	-31.46	0.714	12.5	Compliance
5 460 ~ 5 470	5 468.763 0	-27.93	1.611	50	Compliance
5 770 ~ 26 000	19 867.000 0	-44.70	0.034	12.5	Compliance
Middle Channel [5 590 MHz]					
30 ~ 5 460	5 346.100 0	-48.13	0.015	12.5	Compliance
5 460 ~ 5 470	5 462.902 0	-49.12	0.012	50	Compliance
5 770 ~ 26 000	19 837.000 0	-44.31	0.037	12.5	Compliance
High Channel [5 710 MHz]					
30 ~ 5 460	5 393.200 0	-50.29	0.009	12.5	Compliance
5 460 ~ 5 470	5 468.285 0	-47.55	0.018	50	Compliance
5 770 ~ 26 000	5 785.000 0	-39.05	0.124	12.5	Compliance

■802.11ax(HE20)

Frequency range	Measure value			Limit [uW/MHz]	Test results
[MHz]	[MHz]	[dBm]	[uW/MHz]		
Low Channel [5 500 MHz]					
30 ~ 5 460	5 456.100 0	-38.30	0.148	2.5	Compliance
5 460 ~ 5 470	5 468.155 0	-28.80	1.318	12.5	Compliance
5 745 ~ 5 765	5 747.851 0	-47.18	0.019	12.5	Compliance
5 765 ~ 26 000	16 497.000 0	-45.41	0.029	2.5	Compliance
Middle Channel [5 600 MHz]					
30 ~ 5 460	5 361.800 0	-46.47	0.023	2.5	Compliance
5 460 ~ 5 470	5 465.318 0	-48.78	0.013	12.5	Compliance
5 745 ~ 5 765	5 760.384 0	-48.32	0.015	12.5	Compliance
5 765 ~ 26 000	19 865.000 0	-45.20	0.030	2.5	Compliance
High Channel [5 720 MHz]					
30 ~ 5 460	5 408.900 0	-50.46	0.009	2.5	Compliance
5 460 ~ 5 470	5 469.935 0	-49.96	0.010	12.5	Compliance
5 745 ~ 5 765	5 745.304 0	-27.43	1.807	12.5	Compliance
5 765 ~ 26 000	5 780.000 0	-39.30	0.117	2.5	Compliance

■802.11ax(HE40)

Frequency range	Measure value			Limit [uW/MHz]	Test results
[MHz]	[MHz]	[dBm]	[uW/MHz]		
Low Channel [5 510 MHz]					
30 ~ 5 460	5 456.100 0	-34.46	0.358	12.5	Compliance
5 460 ~ 5 470	5 466.693 0	-25.71	2.685	50	Compliance
5 770 ~ 26 000	19 896.000 0	-44.60	0.035	12.5	Compliance
Middle Channel [5 590 MHz]					
30 ~ 5 460	5 361.800 0	-47.90	0.016	12.5	Compliance
5 460 ~ 5 470	5 469.949 0	-49.21	0.012	50	Compliance
5 770 ~ 26 000	19 867.000 0	-45.17	0.030	12.5	Compliance
High Channel [5 710 MHz]					
30 ~ 5 460	5 385.300 0	-50.57	0.009	12.5	Compliance
5 460 ~ 5 470	5 466.360 0	-45.76	0.027	50	Compliance
5 770 ~ 26 000	5 785.000 0	-41.37	0.073	12.5	Compliance

5.5.6 Test Plot

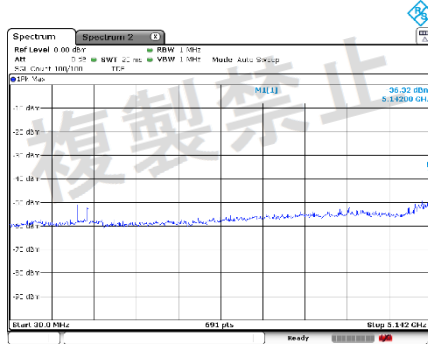
■ W52

■ 802.11a

CH Low

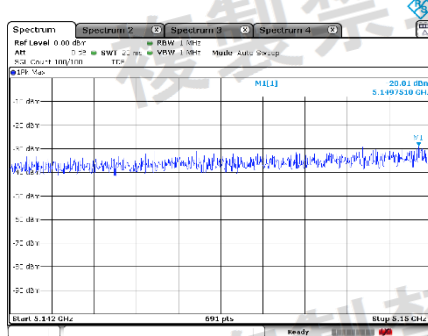
30 MHz ~ 5 142 MHz(Search)

30 MHz ~ 5 142 MHz(Detail)



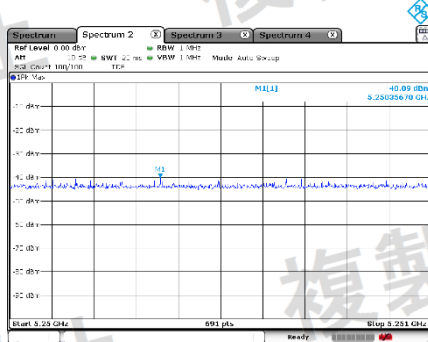
5 142 ~ 5 150 MHz(Search)

5 142 ~ 5 150 MHz(Detail)



5 250 ~ 5 251 MHz(Search)

5 250 ~ 5 251 MHz(Detail)



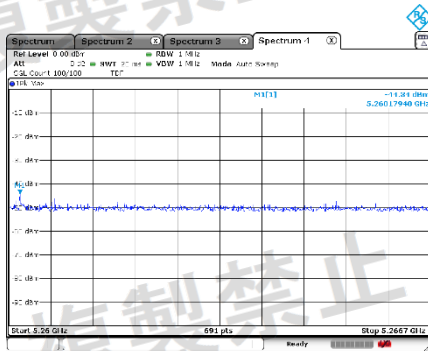
5 251 ~ 5 260 MHz(Search)

5 251 ~ 5 260 MHz(Detail)



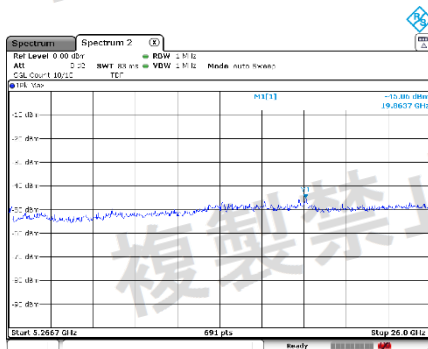


5 260 ~ 5 266.7 MHz(Search)



5 266.7 MHz(Deatil)

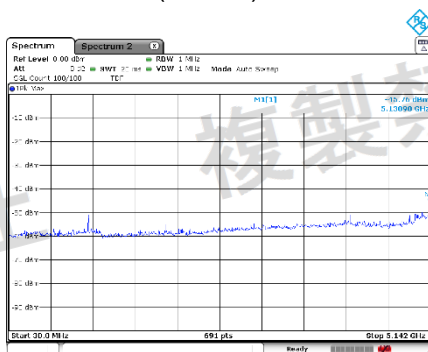
5 266.7 MHz ~ 26 GHz(Search)



5 266.7 MHz ~ 26 GHz(Detail)

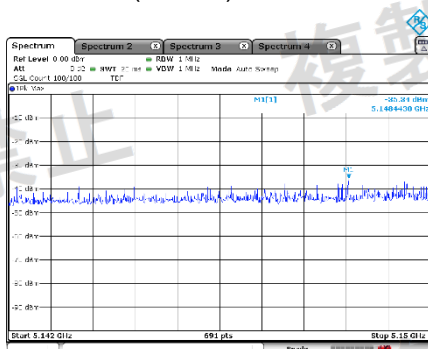
CH Middle

30 MHz ~ 5 142 MHz(Search)



30 MHz ~ 5 142 MHz(Detail)

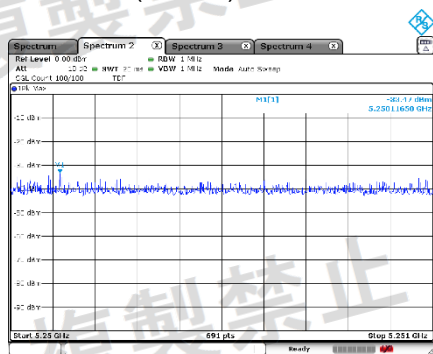
5 142 ~ 5 150 MHz(Search)



5 142 ~ 5 150 MHz(Detail)

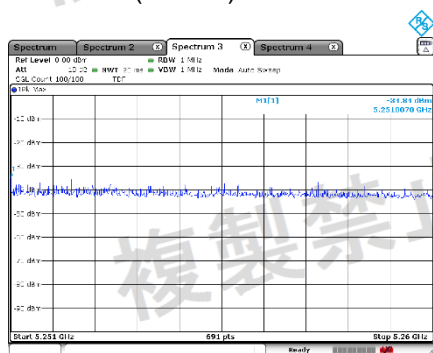


5 250 ~ 5 251 MHz(Search)



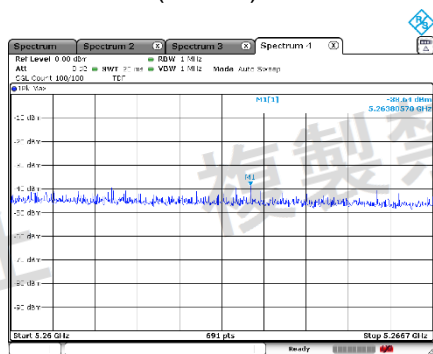
5 250 ~ 5 251 MHz(Detail)

5 251 ~ 5 260 MHz(Search)



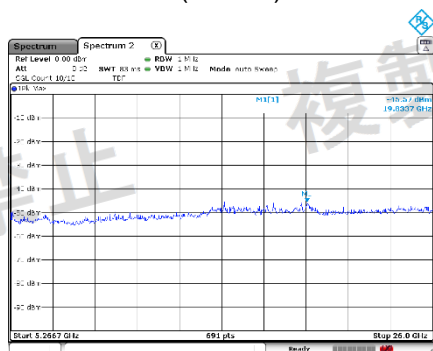
5 251 ~ 5 260 MHz(Detail)

5 260 ~ 5 266.7 MHz(Search)



5 266.7 MHz(Deatil)

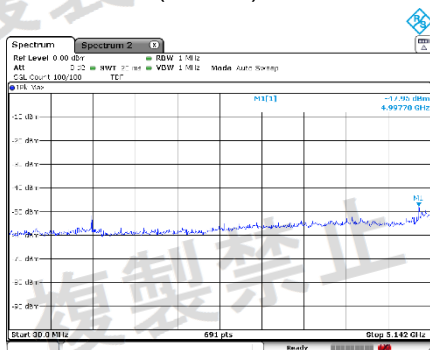
5 266.7 MHz ~ 26 GHz(Search)



5 266.7 MHz ~ 26 GHz(Detail)

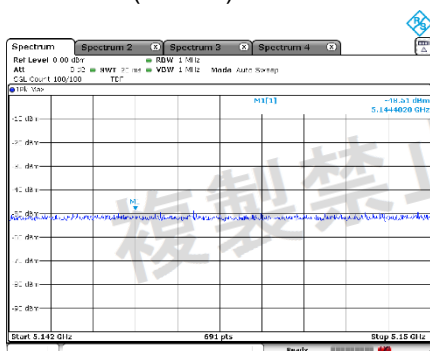
CH High

30 MHz ~ 5 142 MHz(Search)



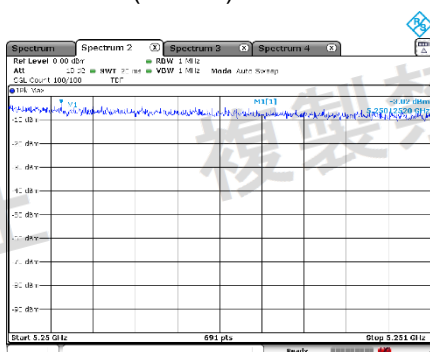
30 MHz ~ 5 142 MHz(Detail)

5 142 ~ 5 150 MHz(Search)



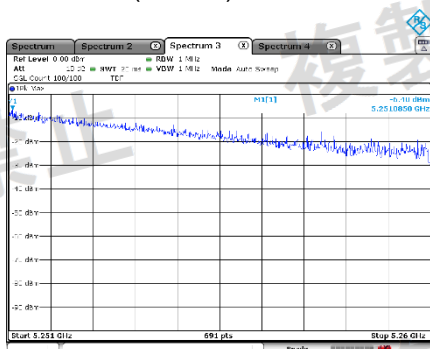
5 142 ~ 5 150 MHz(Detail)

5 250 ~ 5 251 MHz(Search)

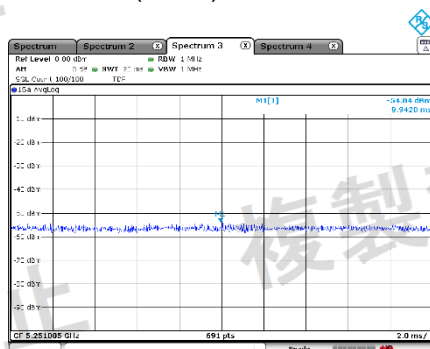


5 250 ~ 5 251 MHz(Detail)

5 251 ~ 5 260 MHz(Search)

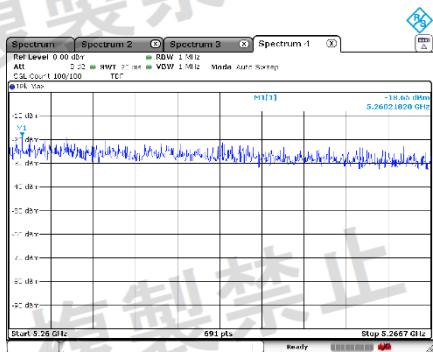


5 251 ~ 5 260 MHz(Detail)



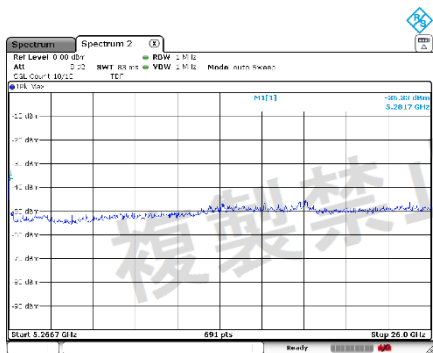


5 260 MHz ~ 5 266.7 MHz(Search)



5 260 MHz ~ 5 266.7 MHz(Detail)

5 266.7 MHz ~ 26 GHz(Search)



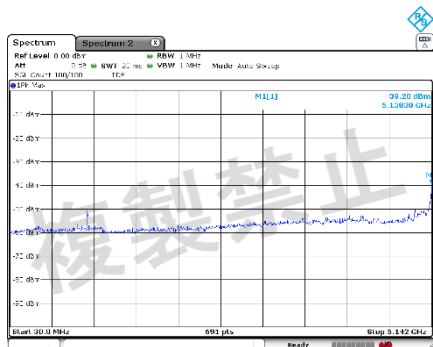
5 266.7 MHz ~ 26 GHz(Detail)

802.11n(HT20)

CH Low

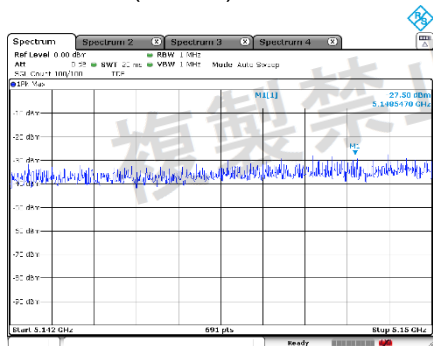
30 MHz ~ 5 142 MHz(Search)

30 MHz ~ 5 142 MHz(Detail)



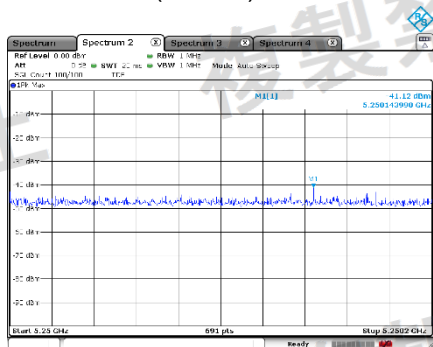
5 142 ~ 5 150 MHz(Search)

5 142 ~ 5 150 MHz(Detail)



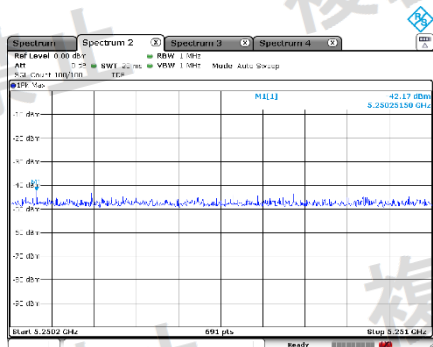
5 250 ~ 5 250.2 MHz(Search)

5 250 ~ 5 250.2 MHz(Detail)

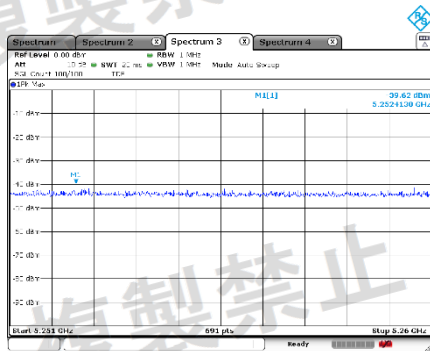


5 250.2 MHz ~ 5 251 MHz(Search)

5 250.2 MHz ~ 5 251 MHz(Detail)

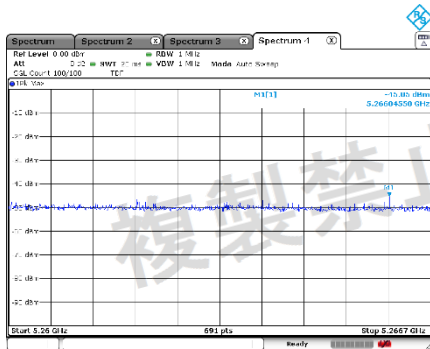


5 251 ~ 5 260 MHz(Search)



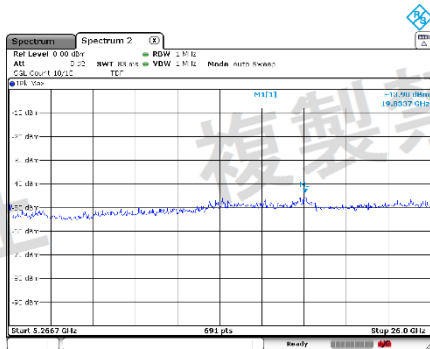
5 251 ~ 5 260 MHz(Detail)

5 260 ~ 5 266.7 MHz(Search)



5 266.7 MHz(Deatil)

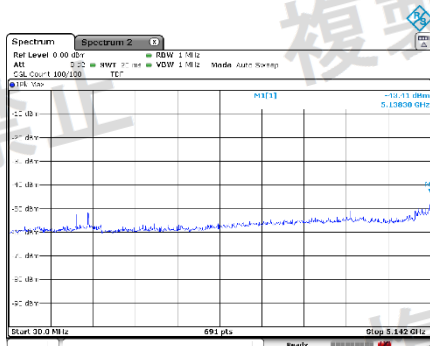
5 266.7 MHz ~ 26 GHz(Search)



5 266.7 MHz ~ 26 GHz(Detail)

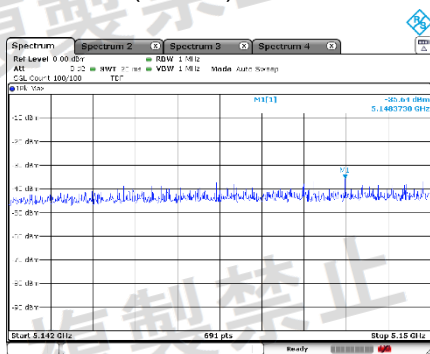
CH Middle

30 MHz ~ 5 142 MHz(Search)



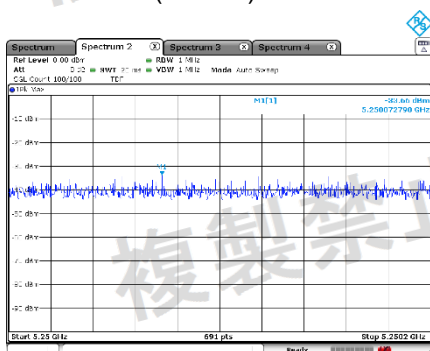
30 MHz ~ 5 142 MHz(Detail)

5 142 ~ 5 150 MHz(Search)



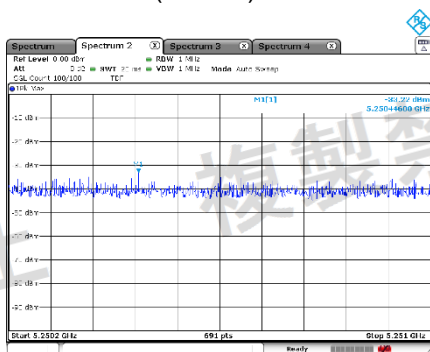
5 142 ~ 5 150 MHz(Detail)

5 250 ~ 5 250.2 MHz(Search)



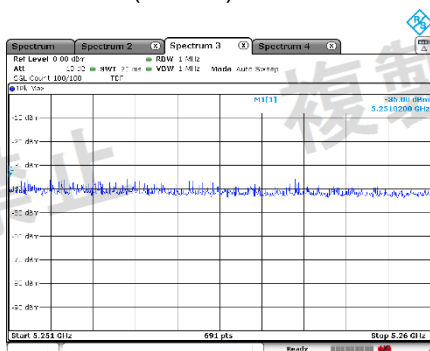
5 250 ~ 5 250.2 MHz(Detail)

5 250.2 ~ 5 251 MHz(Search)



5 250.2 ~ 5 251 MHz(Detail)

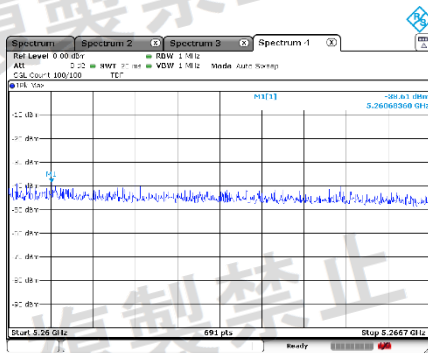
5 251 ~ 5 260 MHz(Search)



5 251 ~ 5 260 MHz(Detail)

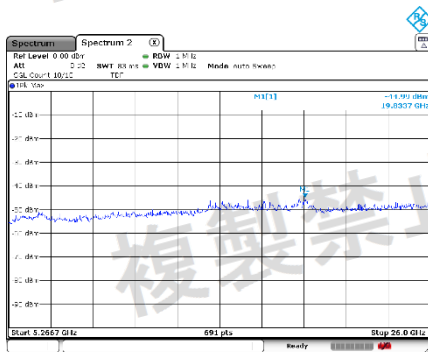


5 260 ~ 5 266.7 MHz(Search)



5 260 ~ 5 266.7 MHz(Detail)

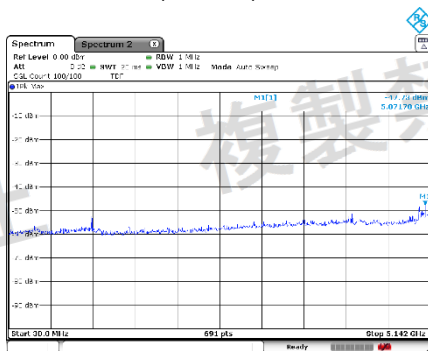
5 266.7 MHz ~ 26 GHz(Search)



5 266.7 MHz ~ 26 GHz(Detail)

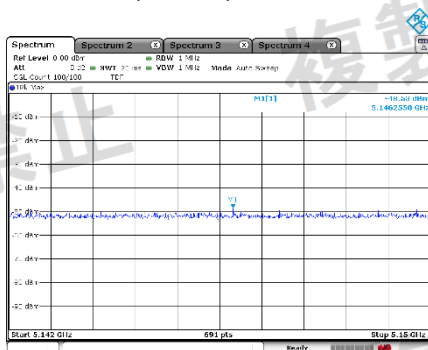
CH High

30 MHz ~ 5 142 MHz(Search)



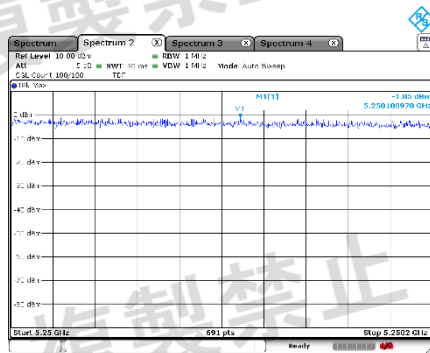
30 MHz ~ 5 142 MHz(Detail)

5 142 ~ 5 150 MHz(Search)

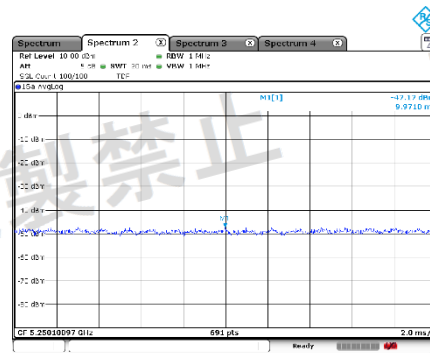


5 142 ~ 5 150 MHz(Detail)

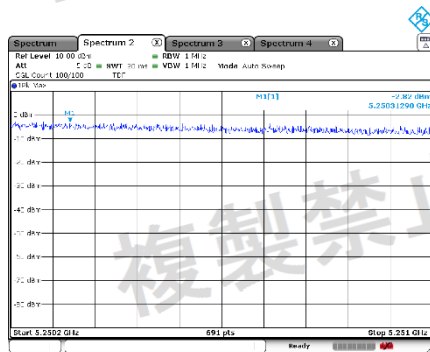
5 250 ~ 5 250.2 MHz(Search)



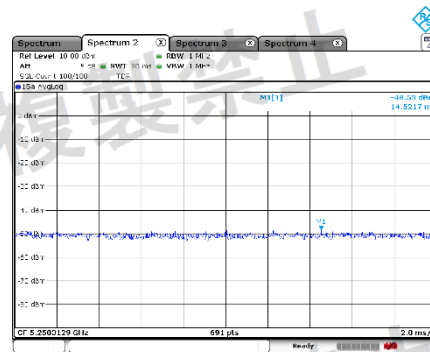
5 250 ~ 5 250.2 MHz(Detail)



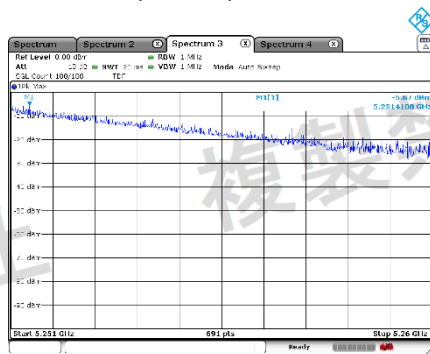
5 250.2 ~ 5 251 MHz(Search)



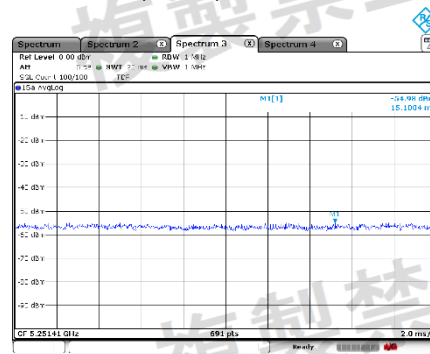
5 250.2 ~ 5 251 MHz(Detail)



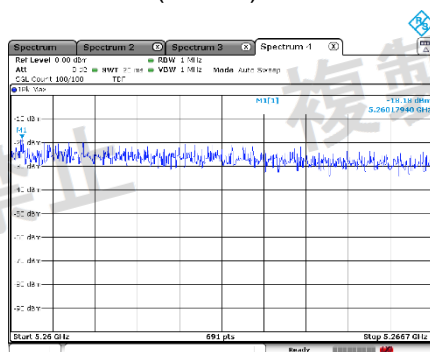
5 251 ~ 5 260 MHz(Search)



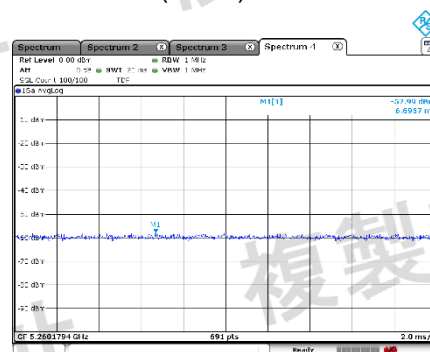
5 251 ~ 5 260 MHz(Detail)



5 260 ~ 5 266.7 MHz(Search)



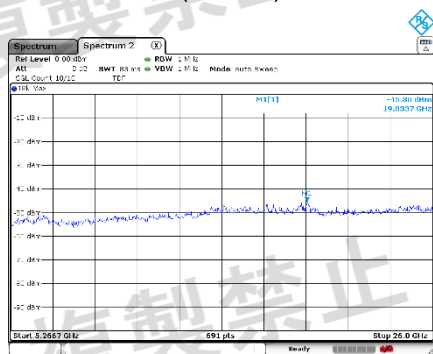
5 260 ~ 5 266.7 MHz(Detail)





5 266.7 MHz ~ 26 GHz(Search)

5 266.7 MHz ~ 26 GHz(Detail)



■802.11n(HT40)

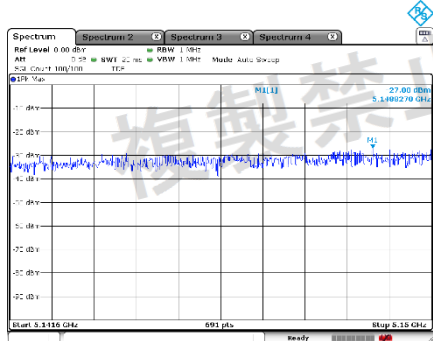
CH Low

30 MHz ~ 5 141.6 MHz(Search)



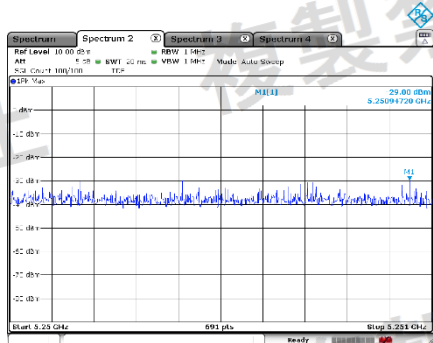
30 MHz ~ 5 141.6 MHz(Detail)

5 141.6 ~ 5 150 MHz(Search)



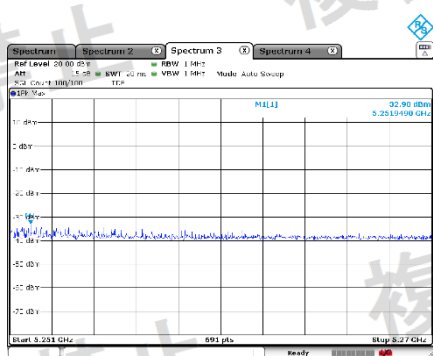
5 141.6 ~ 5 150 MHz(Detail)

5 250 ~ 5 251 MHz(Search)



5 250 ~ 5 251 MHz(Detail)

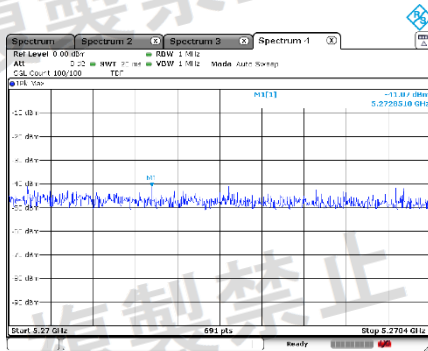
5 251 ~ 5 270 MHz(Search)



5 251 ~ 5 270 MHz(Detail)

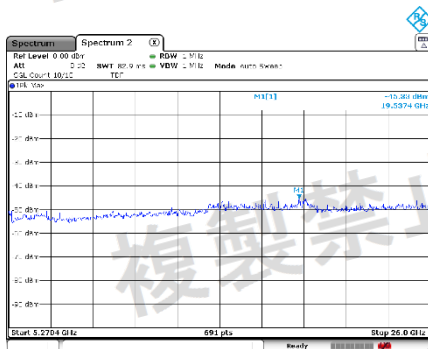


5 270 ~ 5 278.4 MHz(Search)



5 270 ~ 5 278.4 MHz(Detail)

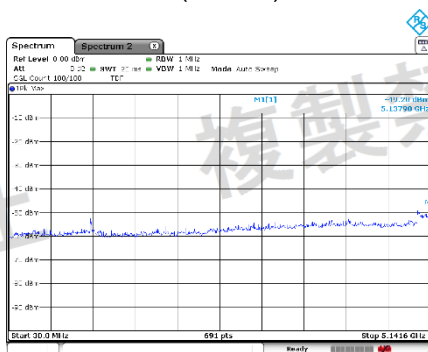
5 278.4 MHz ~ 26 GHz(Search)



5 278.4 MHz ~ 26 GHz(Detail)

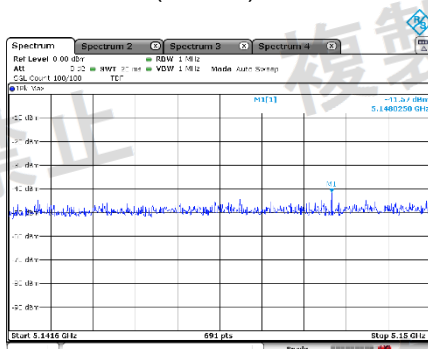
CH High

30 MHz ~ 5 141.6 MHz(Search)



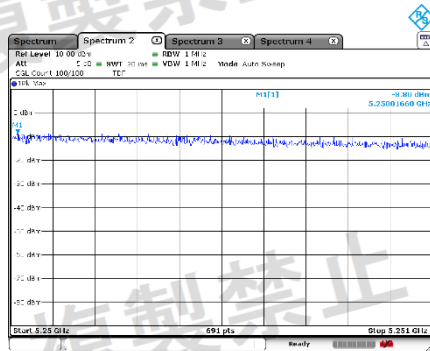
30 MHz ~ 5 141.6 MHz(Detail)

5 141.6 ~ 5 150 MHz(Search)



5 141.6 ~ 5 150 MHz(Detail)

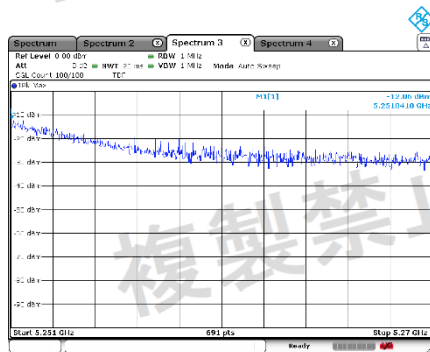
5 250 ~ 5 251 MHz(Search)



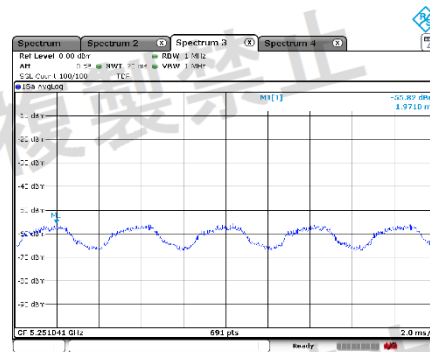
5 250 ~ 5 251 MHz(Detail)



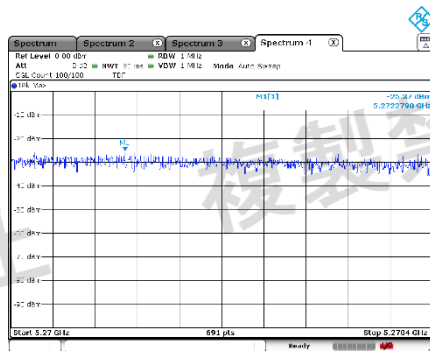
5 251 ~ 5 270 MHz(Search)



5 251 ~ 5 270 MHz(Detail)



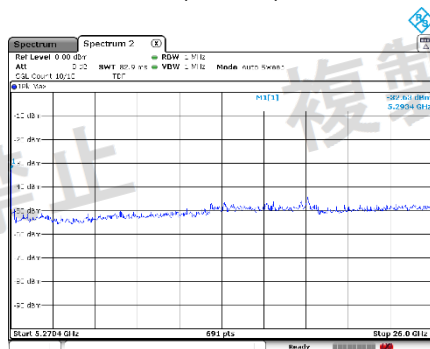
5 270 ~ 5 278.4 MHz(Search)



5 270 ~ 5 278.4 MHz(Detail)



5 278.4 MHz ~ 26 GHz(Search)



5 278.4 MHz ~ 26 GHz(Detail)

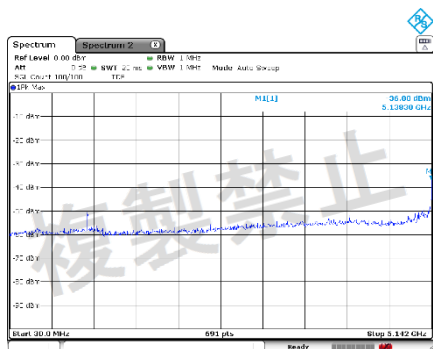


■802.11ac(VHT20)

CH Low

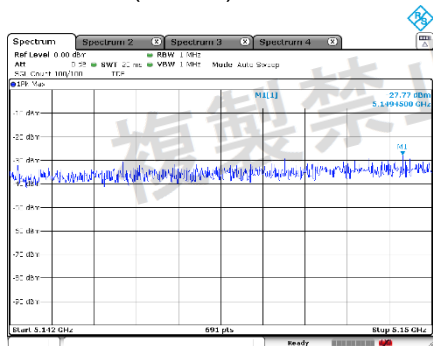
30 MHz ~ 5 142 MHz(Search)

30 MHz ~ 5 142 MHz(Detail)



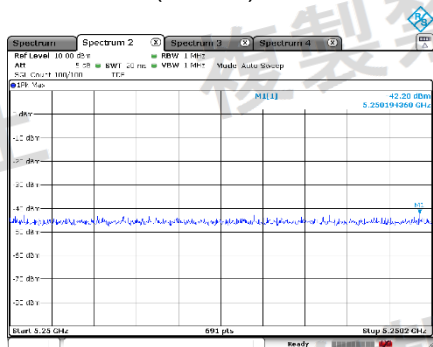
5 142 ~ 5 150 MHz(Search)

5 142 ~ 5 150 MHz(Detail)



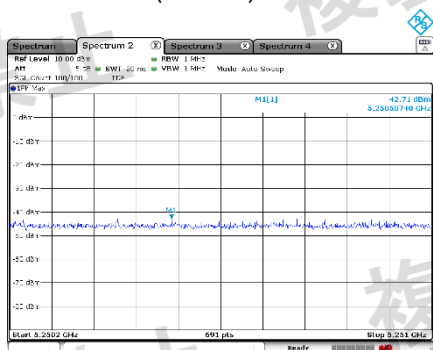
5 250 ~ 5 250.2 MHz(Search)

5 250 ~ 5 250.2 MHz(Detail)

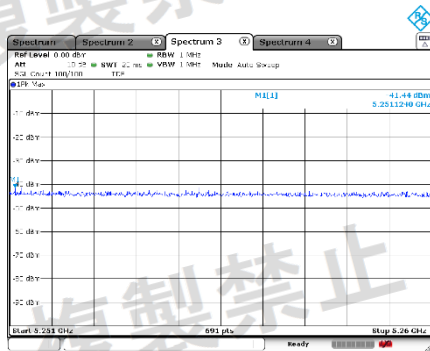


5 250.2 ~ 5 251 MHz(Search)

5 250.2 ~ 5 251 MHz(Detail)

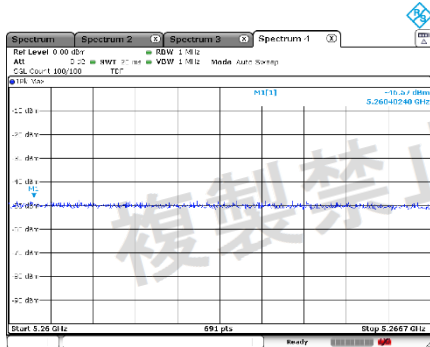


5 251 ~ 5 260 MHz(Search)



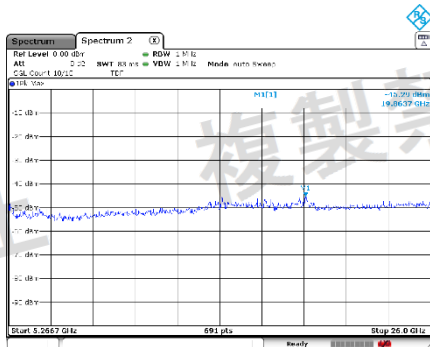
5 251 ~ 5 260 MHz(Detail)

5 260 ~ 5 266.7 MHz(Search)



5 266.7 MHz(Deatil)

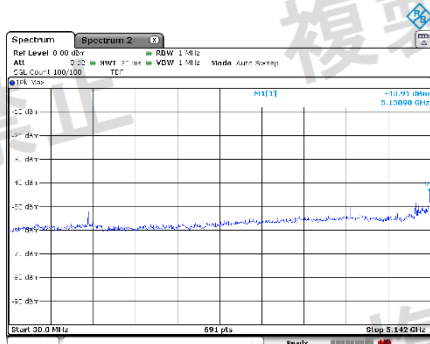
5 266.7 MHz ~ 26 GHz(Search)



5 266.7 MHz ~ 26 GHz(Detail)

CH Middle

30 MHz ~ 5 142 MHz(Search)



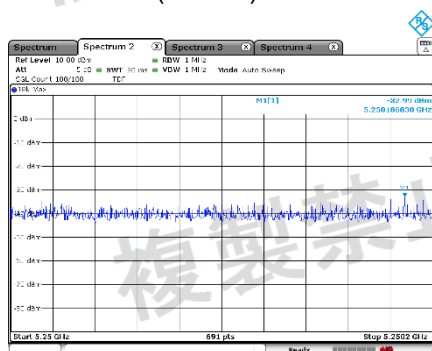
30 MHz ~ 5 142 MHz(Detail)

5 142 ~ 5 150 MHz(Search)



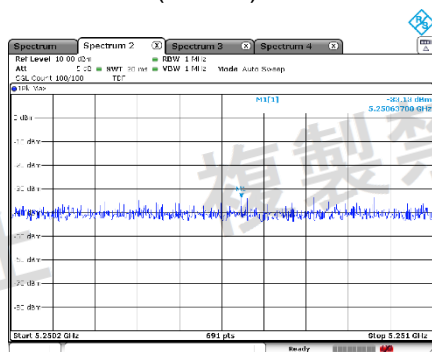
5 142 ~ 5 150 MHz(Detail)

5 250 ~ 5 250.2 MHz(Search)



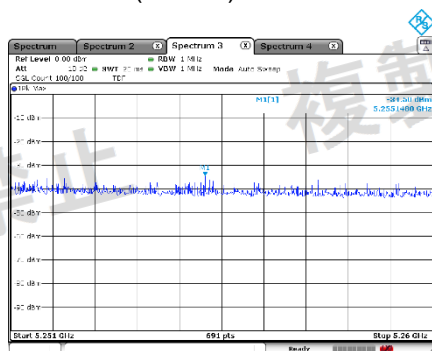
5 250 ~ 5 250.2 MHz(Detail)

5 250.2 ~ 5 251 MHz(Search)



5 250.2 ~ 5 251 MHz(Detail)

5 251 ~ 5 260 MHz(Search)

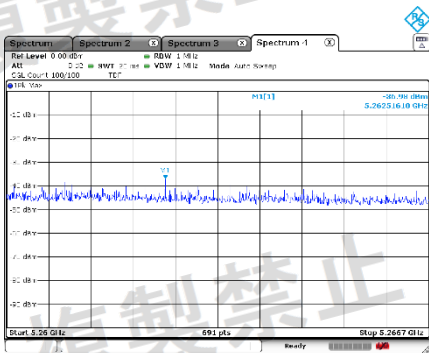


5 251 ~ 5 260 MHz(Detail)



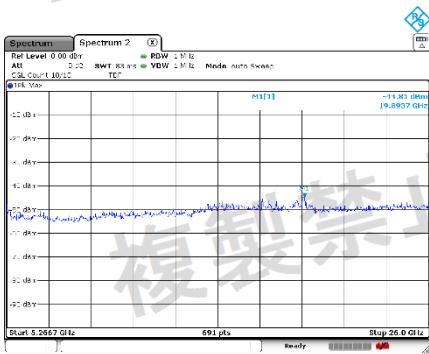
5 260 ~ 5 266.7 MHz(Search)

5 266.7 MHz(Deatil)



5 266.7 MHz ~ 26 GHz(Search)

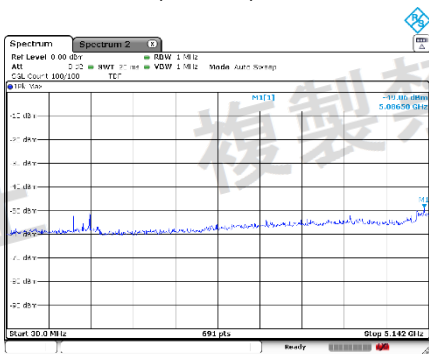
5 266.7 MHz ~ 26 GHz(Detail)



CH High

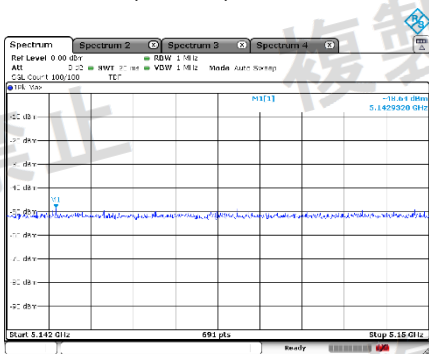
30 MHz ~ 5 142 MHz(Search)

30 MHz ~ 5 142 MHz(Detail)



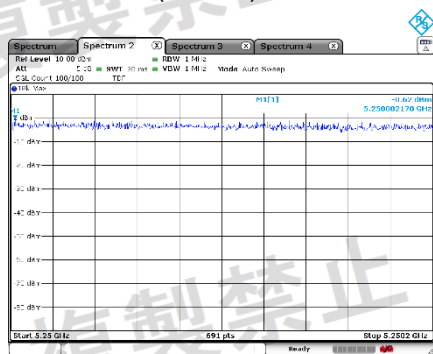
5 142 ~ 5 150 MHz(Search)

5 142 ~ 5 150 MHz(Detail)



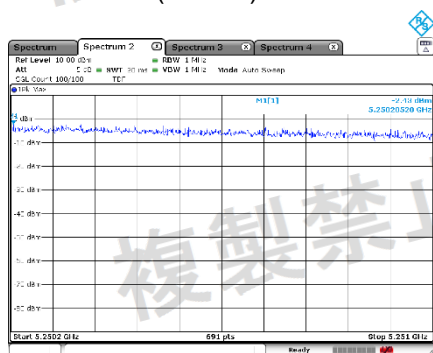


5 250 ~ 5 250.2 MHz(Search)



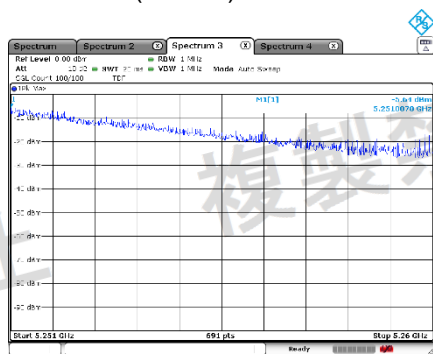
5 250 ~ 5 250.2 MHz(Detail)

5 250.2 ~ 5 251 MHz(Search)

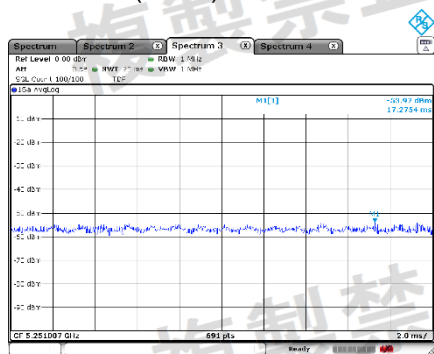


5 250.2 ~ 5 251 MHz(Detail)

5 251 ~ 5 260 MHz(Search)



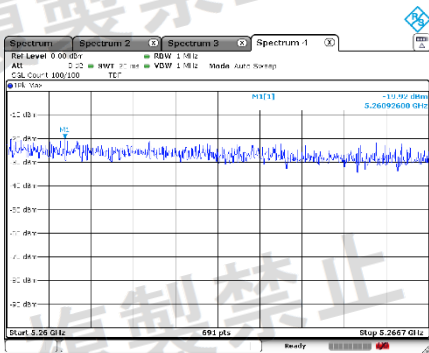
5 251 ~ 5 260 MHz(Detail)





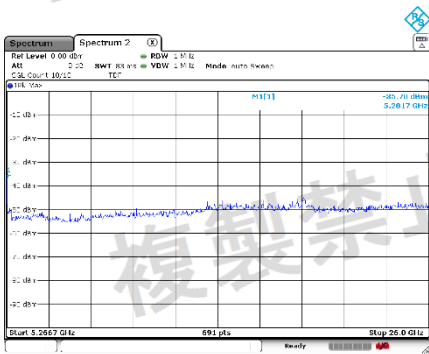
5 260 ~ 5 266.7 MHz(Search)

5 266.7 MHz(Deatil)



5 266.7 MHz ~ 26 GHz(Search)

5 266.7 MHz ~ 26 GHz(Detail)

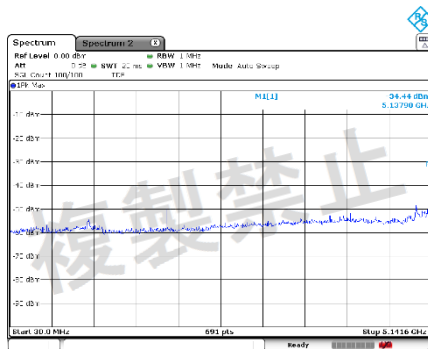


■802.11ac(VHT40)

CH Low

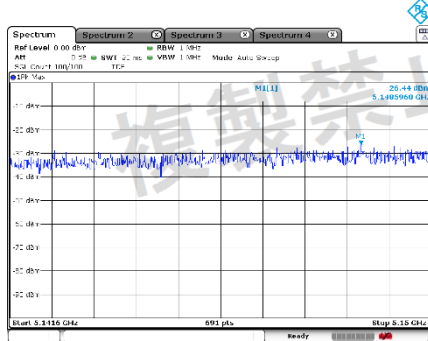
30 MHz ~ 5 141.6 MHz(Search)

30 MHz ~ 5 141.6 MHz(Detail)



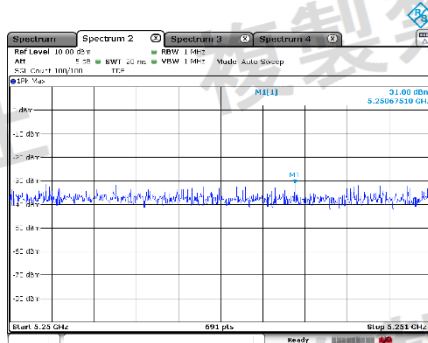
5 141.6 ~ 5 150 MHz(Search)

5 141.6 ~ 5 150 MHz(Detail)



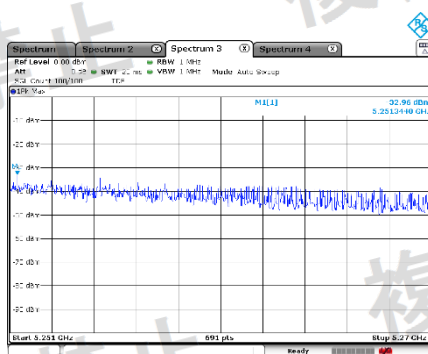
5 250 ~ 5 251 MHz(Search)

5 250 ~ 5 251 MHz(Detail)



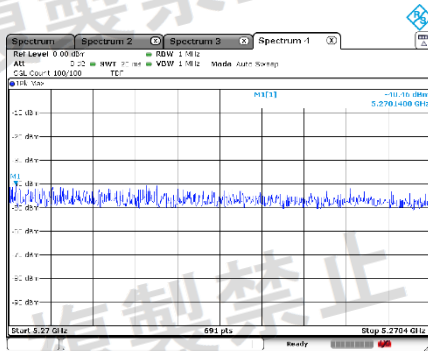
5 251 ~ 5 270 MHz(Search)

5 251 ~ 5 270 MHz(Detail)



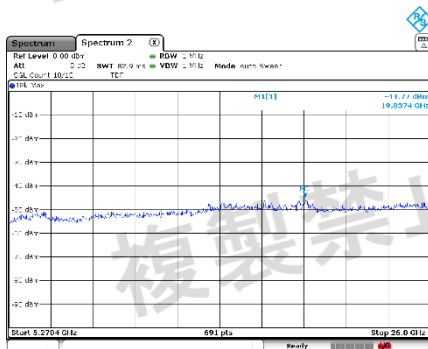


5 270 ~ 5 278.4 MHz(Search)



5 270 ~ 5 266.7 MHz(Detail)

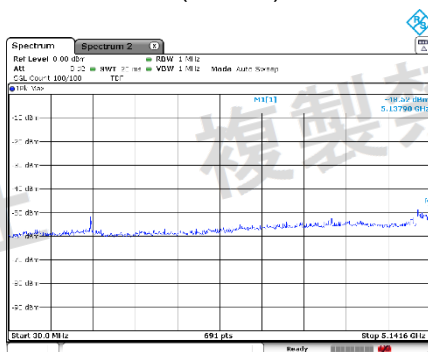
5 278.4 MHz ~ 26 GHz(Search)



5 266.7 MHz ~ 26 GHz(Detail)

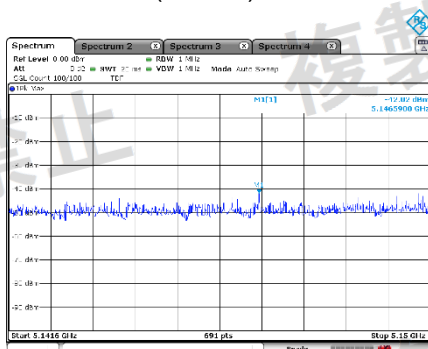
CH High

30 MHz ~ 5 141.6 MHz(Search)



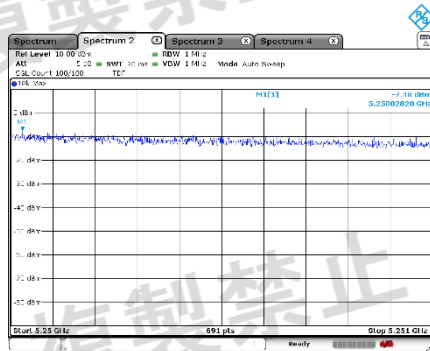
30 MHz ~ 5 141.6 MHz(Detail)

5 141.6 ~ 5 150 MHz(Search)



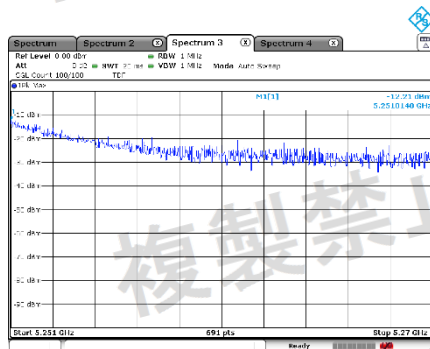
5 141.6 ~ 5 150 MHz(Detail)

5 250 ~ 5 251 MHz(Search)

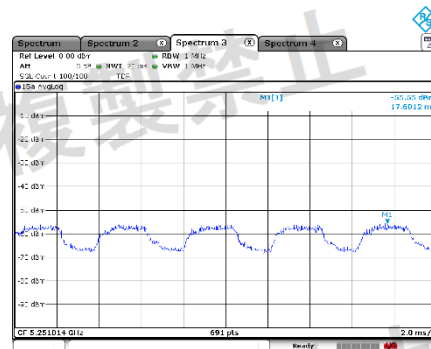


5 250 ~ 5 251 MHz(Detail)

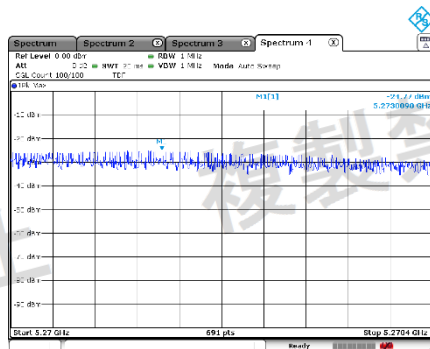
5 251 ~ 5 270 MHz(Search)



5 251 ~ 5 270 MHz(Detail)



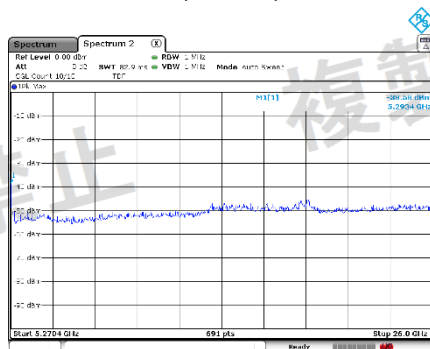
5 270 ~ 5 278.4 MHz(Search)



5 270 ~ 5 278.4 MHz(Detail)



5 266.7 MHz ~ 26 GHz(Search)



5 266.7 MHz ~ 26 GHz(Detail)

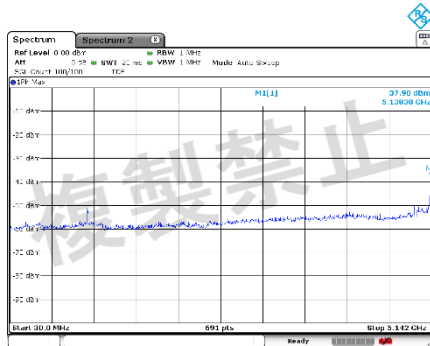


802.11ax(HE20)

CH Low

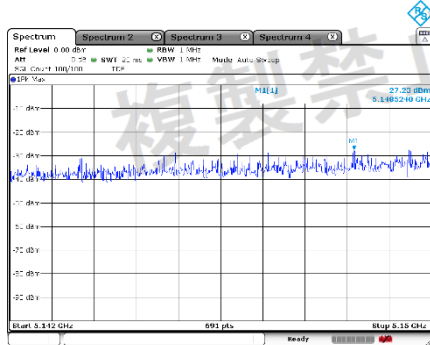
30 MHz ~ 5 142 MHz(Search)

30 MHz ~ 5 142 MHz(Detail)



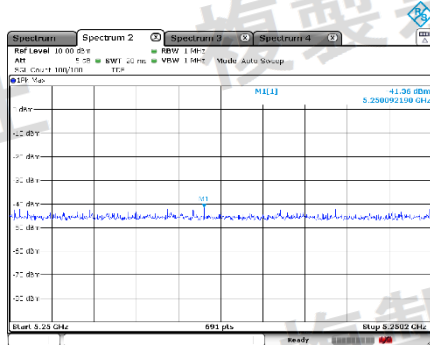
5 142 ~ 5 150 MHz(Search)

5 142 ~ 5 150 MHz(Detail)



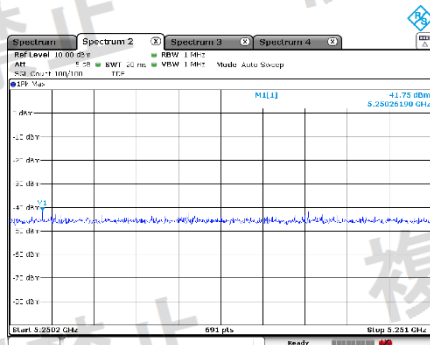
5 250 ~ 5 250.2 MHz(Search)

5 250 ~ 5 250.2 MHz(Detail)

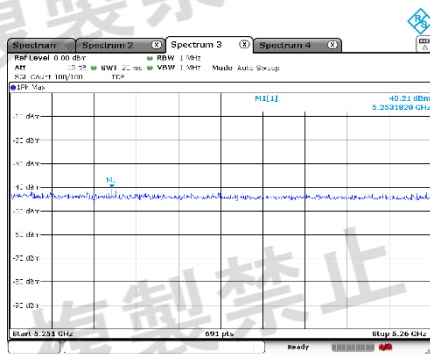


5 250.2 ~ 5 251 MHz(Search)

5 250.2 ~ 5 251 MHz(Detail)

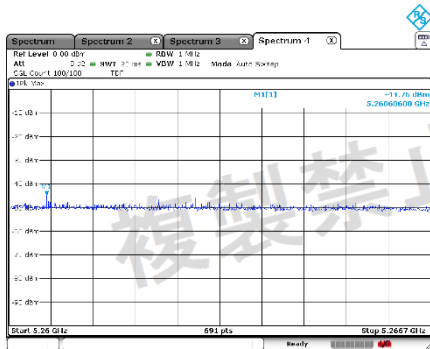


5 251 ~ 5 260 MHz(Search)



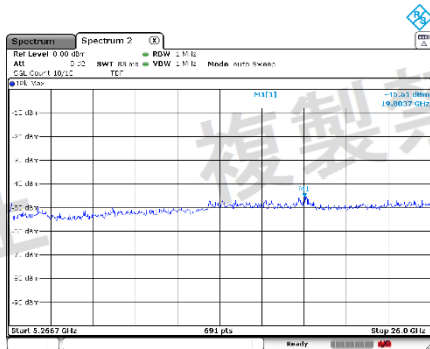
5 251 ~ 5 260 MHz(Detail)

5 260 ~ 5 266.7 MHz(Search)



5 266.7 MHz(Deatil)

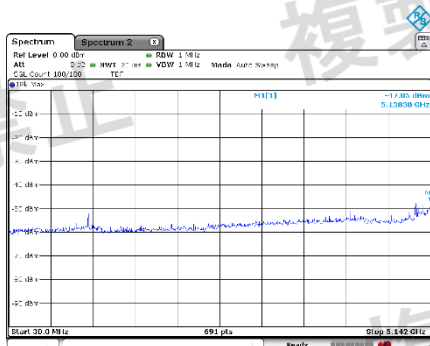
5 266.7 MHz ~ 26 GHz(Search)



5 266.7 MHz ~ 26 GHz(Detail)

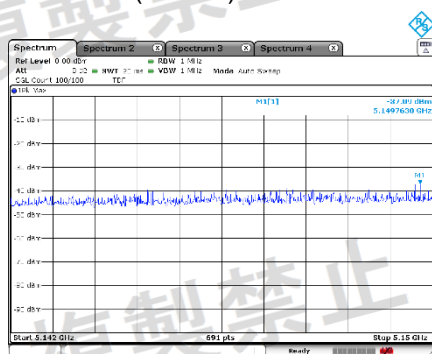
CH Middle

30 MHz ~ 5 142 MHz(Search)



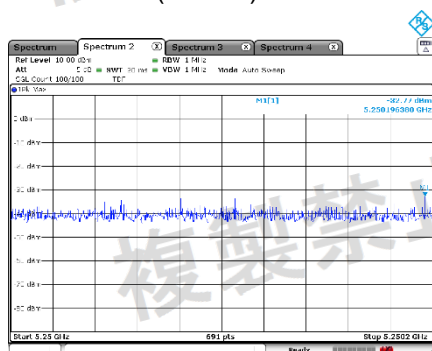
30 MHz ~ 5 142 MHz(Detail)

5 142 ~ 5 150 MHz(Search)



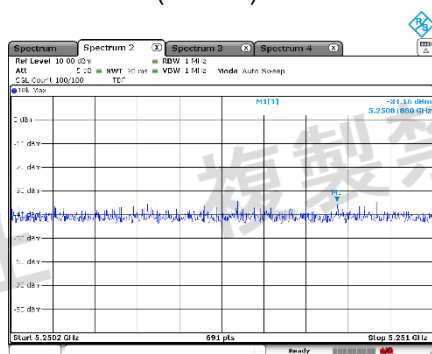
5 142 ~ 5 150 MHz(Detail)

5 250 ~ 5 250.2 MHz(Search)



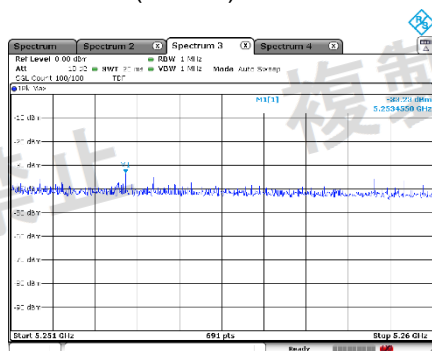
5 250 ~ 5 250.2 MHz(Detail)

5 250.2 ~ 5 251 MHz(Search)



5 250.2 ~ 5 251 MHz(Detail)

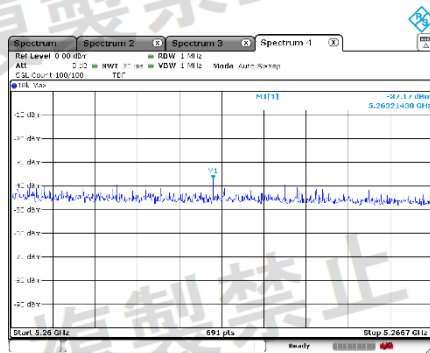
5 251 ~ 5 260 MHz(Search)



5 251 ~ 5 260 MHz(Detail)

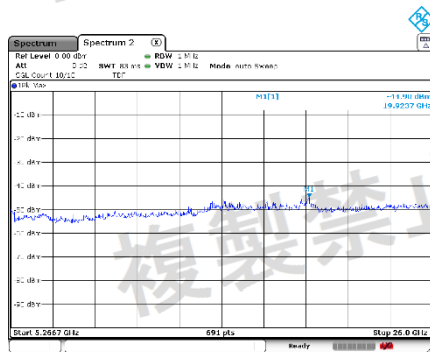


5 260 ~ 5 266.7 MHz(Search)



5 266.7 MHz(Deatil)

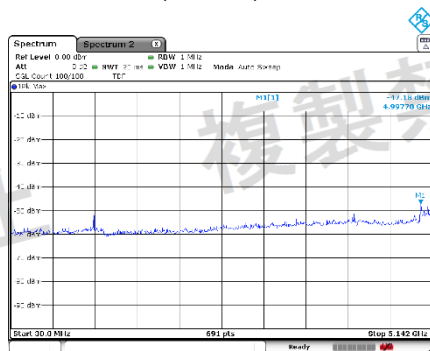
5 266.7 MHz ~ 26 GHz(Search)



5 266.7 MHz ~ 26 GHz(Detail)

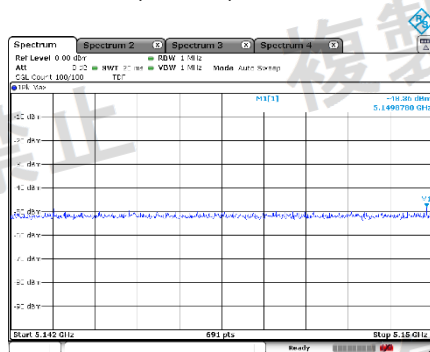
CH High

30 MHz ~ 5 142 MHz(Search)



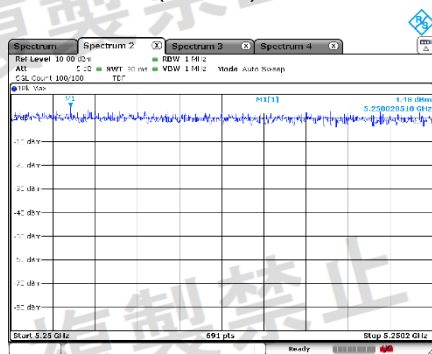
30 MHz ~ 5 142 MHz(Detail)

5 142 ~ 5 150 MHz(Search)

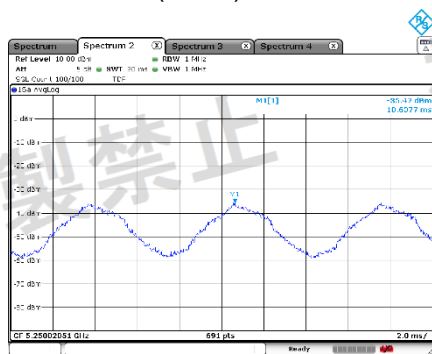


5 142 ~ 5 150 MHz(Detail)

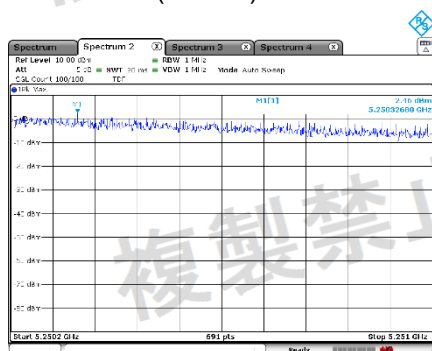
5 250 ~ 5 250.2 MHz(Search)



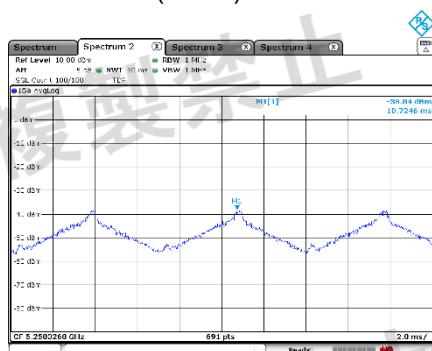
5 250 ~ 5 250.2 MHz(Detail)



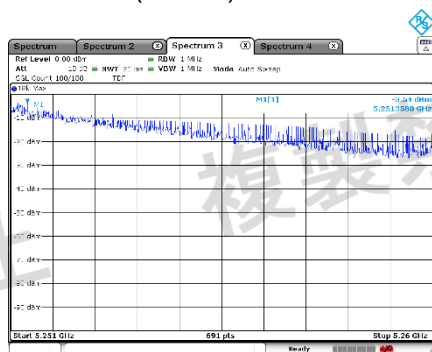
5 250.2 ~ 5 251 MHz(Search)



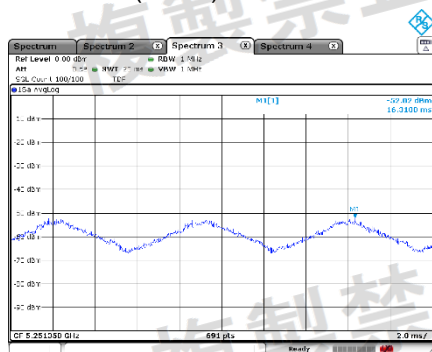
5 250.2 ~ 5 251 MHz(Detail)



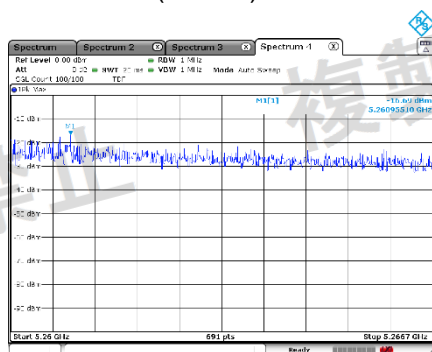
5 251 ~ 5 260 MHz(Search)



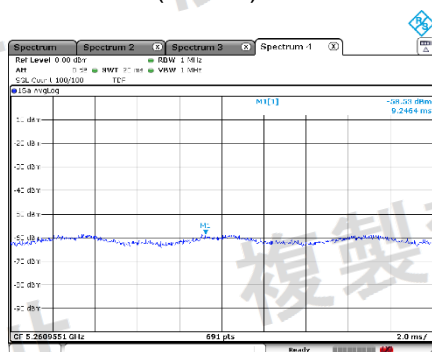
5 251 ~ 5 260 MHz(Detail)



5 260 ~ 5 266.7 MHz(Search)



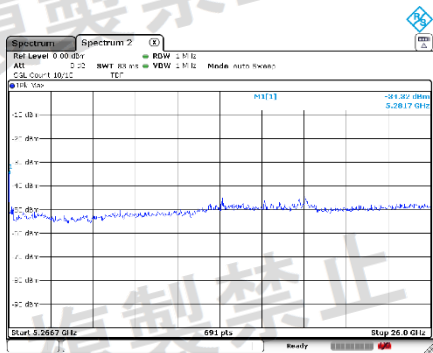
5 260 ~ 5 266.7 MHz(Search)





5 266.7 MHz ~ 26 GHz(Search)

5 266.7 MHz ~ 26 GHz(Detail)

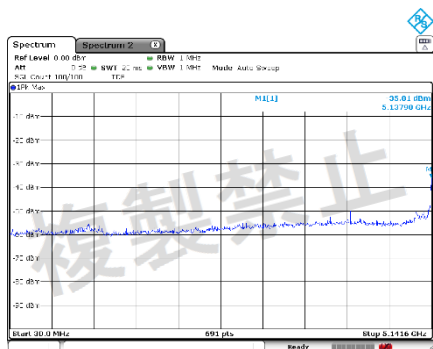


■802.11ax(HE40)

CH Low

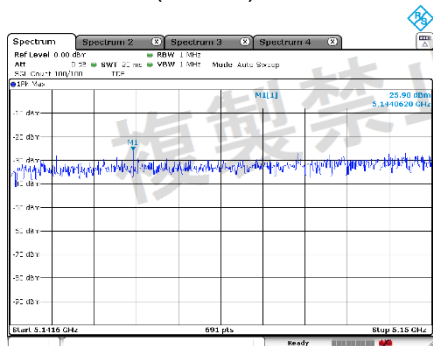
30 MHz ~ 5 141.6 MHz(Search)

30 MHz ~ 5 141.6 MHz(Detail)



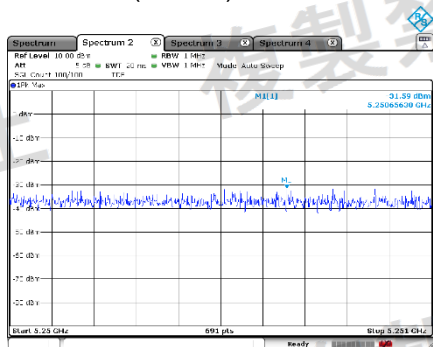
5 141.6 ~ 5 150 MHz(Search)

5 142 ~ 5 150 MHz(Detail)



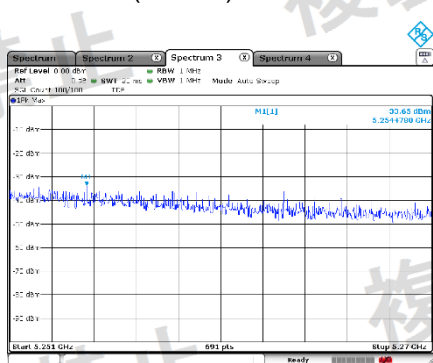
5 250 ~ 5 251 MHz(Search)

5 250 ~ 5 251 MHz(Detail)



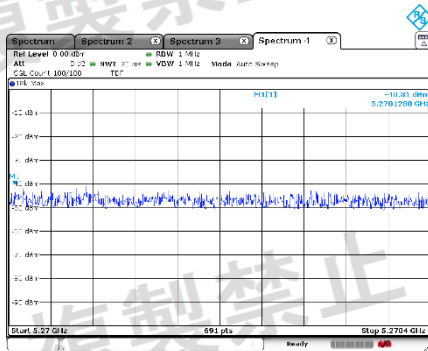
5 251 ~ 5 270 MHz(Search)

5 251 ~ 5 270 MHz(Detail)



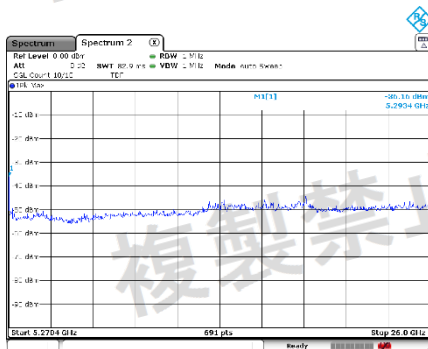


5 270 ~ 5 278.4 MHz(Search)



5 270 ~ 5 278.4 MHz(Detail)

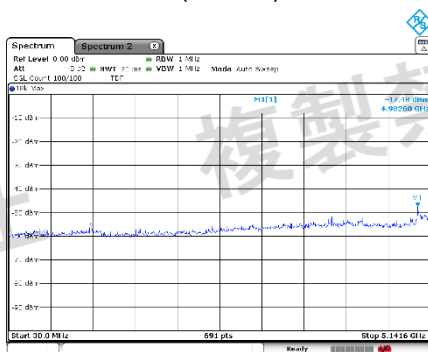
5 278.4 MHz ~ 26 GHz(Search)



5 278.4 MHz ~ 26 GHz(Detail)

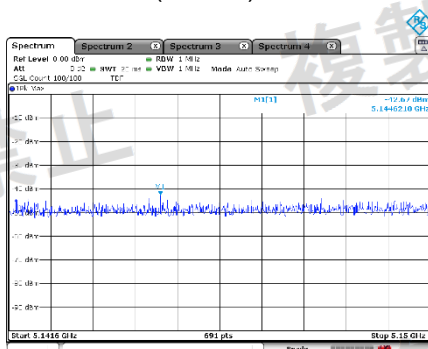
CH High

30 MHz ~ 5 141.6 MHz(Search)



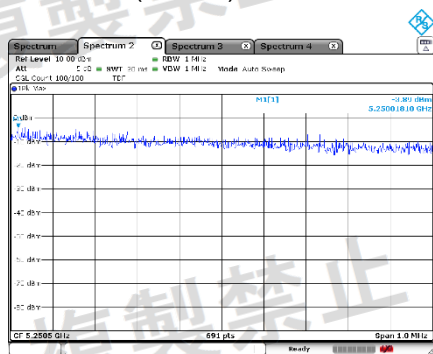
30 MHz ~ 5 141.6 MHz(Detail)

5 141.6 ~ 5 150 MHz(Search)



5 141.6 ~ 5 150 MHz(Detail)

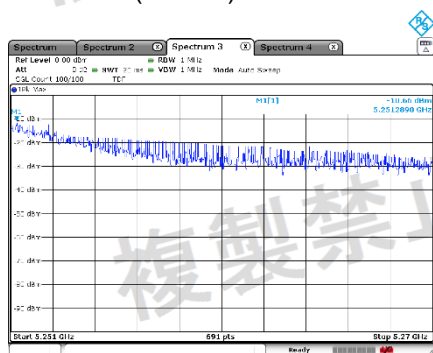
5 250 ~ 5 251 MHz(Search)



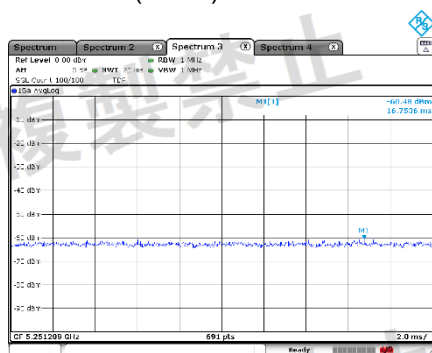
5 250 ~ 5 251 MHz(Detail)



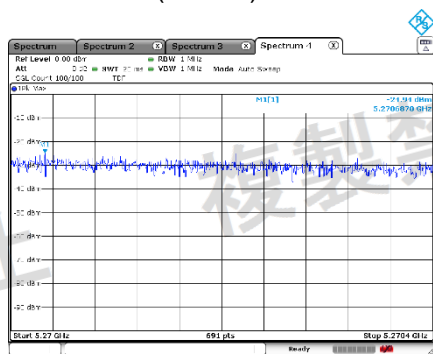
5 251 ~ 5 270 MHz(Search)



5 251 ~ 5 270 MHz(Detail)



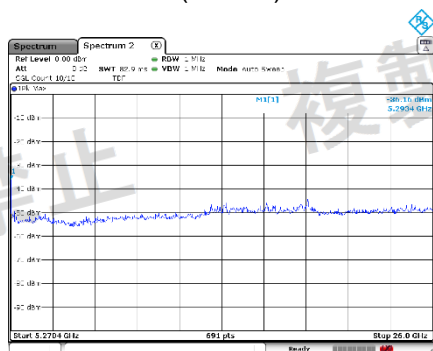
5 270 ~ 5 278.4 MHz(Search)



5 270 ~ 5 278.4 MHz(Detail)



5 278.4 MHz ~ 26 GHz(Search)



5 278.4 MHz ~ 26 GHz(Detail)



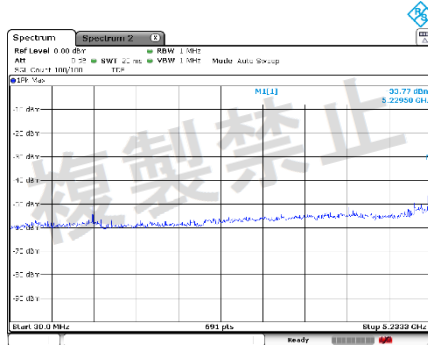


■W53

■802.11a

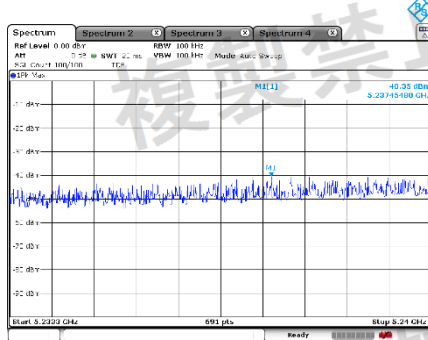
CH Low

30 MHz ~ 5 233.3 MHz(Search)



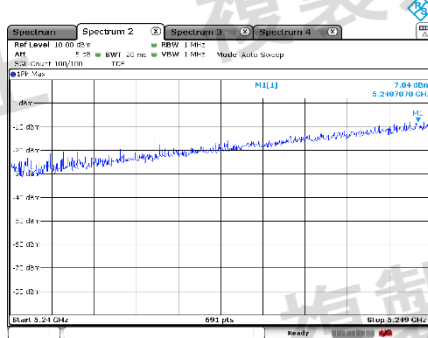
30 MHz ~ 5 233.3 MHz(Detail)

5 233.3 ~ 5 240 MHz(Search)

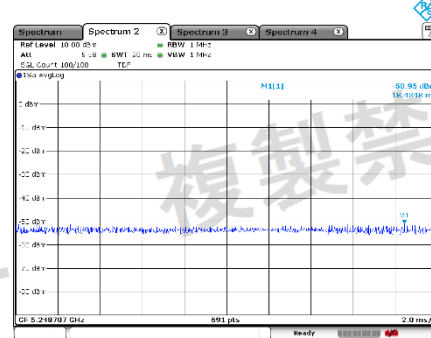


5 233.3 ~ 5 240 MHz(Detail)

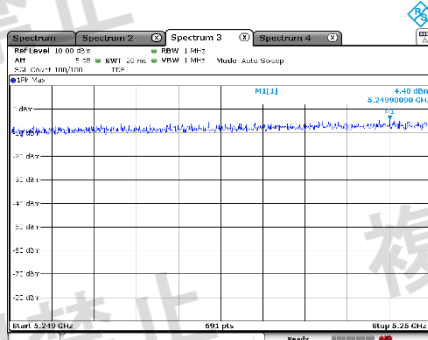
5 240 ~ 5 249 MHz(Search)



5 240 ~ 5 249 MHz(Detail)



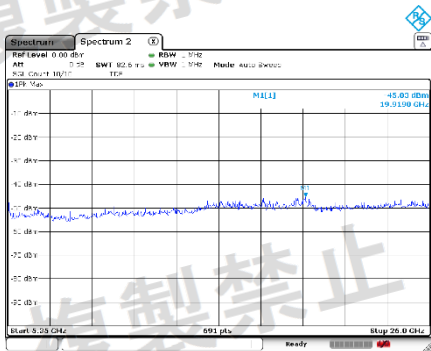
5 249 ~ 5 250 MHz(Search)



5 249 ~ 5 250 MHz(Detail)



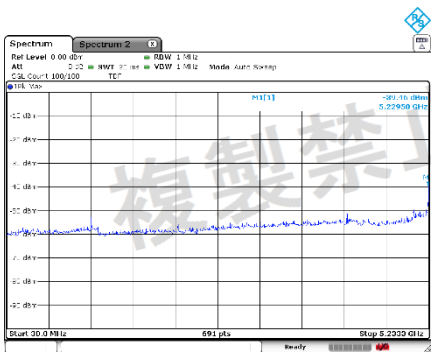
5 350 MHz ~ 26 GHz(Search)



5 350 MHz ~ 26 GHz(Detail)

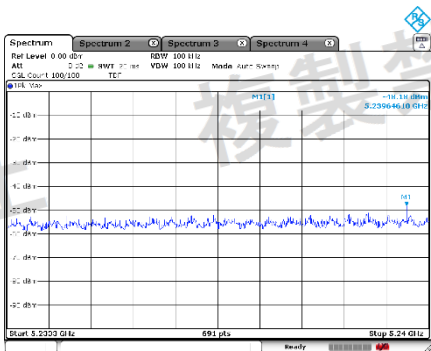
CH Middle

30 MHz ~ 5 233.3 MHz(Search)



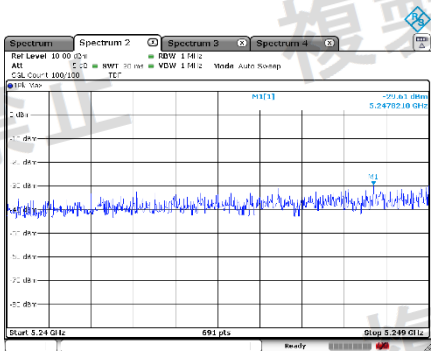
30 MHz ~ 5 233.3 MHz(Detail)

5 233.3 ~ 5 240 MHz(Search)



5 233.3 ~ 5 240 MHz(Detail)

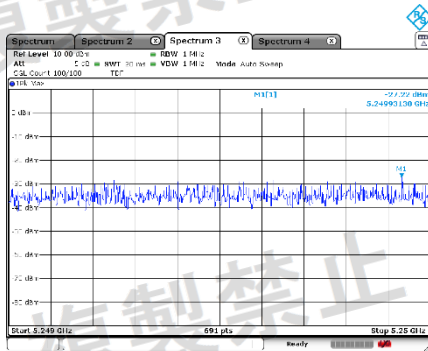
5 240 ~ 5 249 MHz(Search)



5 240 ~ 5 249 MHz(Detail)

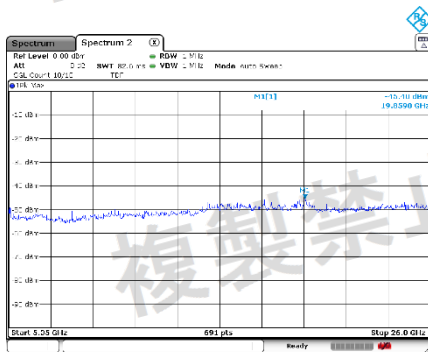


5 249 ~ 5 250 MHz(Search)



5 249 ~ 5 250 MHz(Detail)

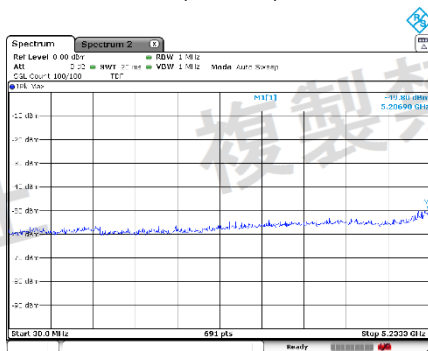
5 350 MHz ~ 26 GHz(Search)



5 350 MHz ~ 26 GHz(Detail)

CH High

30 MHz ~ 5 233.3 MHz(Search)



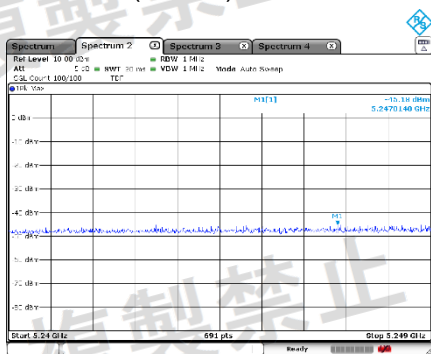
30 MHz ~ 5 233.3 MHz(Detail)

5 233.3 ~ 5 240 MHz(Search)



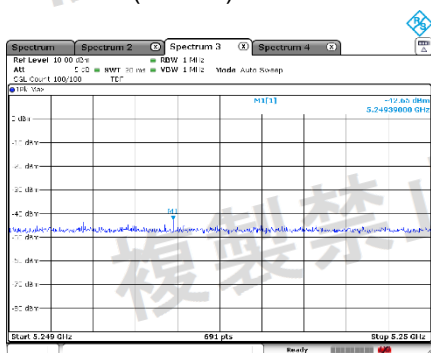
5 233.3 ~ 5 240 MHz(Detail)

5 240 ~ 5 249 MHz(Search)



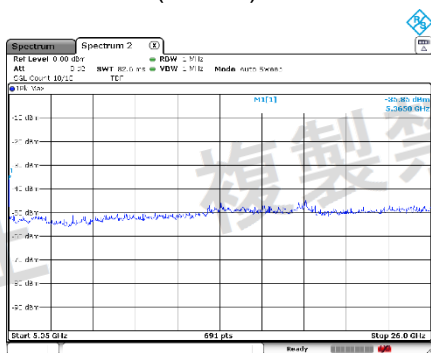
5 240 ~ 5 249 MHz(Detail)

5 249 ~ 5 250 MHz(Search)



5 249 ~ 5 250 MHz(Detail)

5 350 MHz ~ 26 GHz(Search)



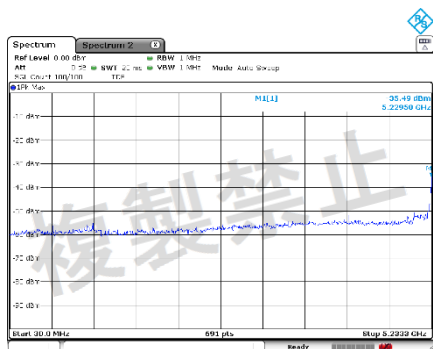
5 350 MHz ~ 26 GHz(Detail)

802.11n(HT20)

CH Low

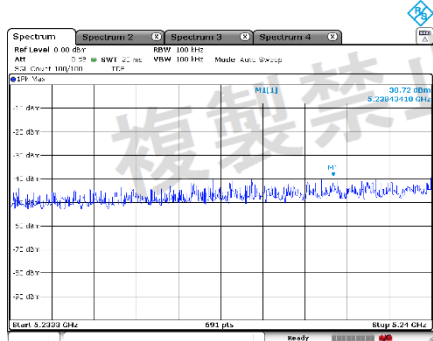
30 MHz ~ 5 233.3 MHz(Search)

30 MHz ~ 5 233.3 MHz(Detail)



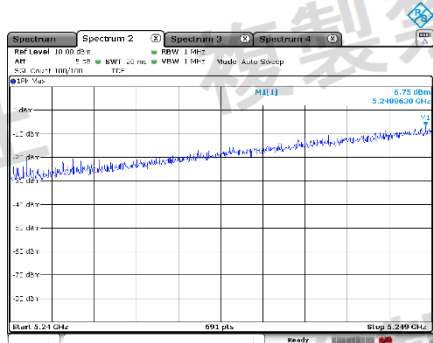
5 233.3 ~ 5 240 MHz(Search)

5 233.3 ~ 5 240 MHz(Detail)



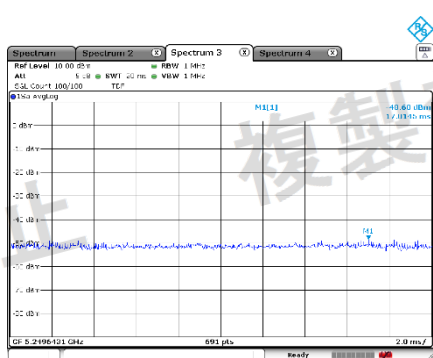
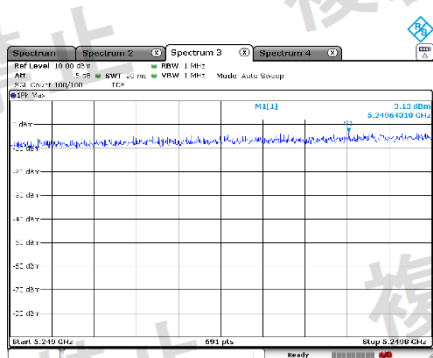
5 240 ~ 5 249 MHz(Search)

5 240 ~ 5 249 MHz(Detail)



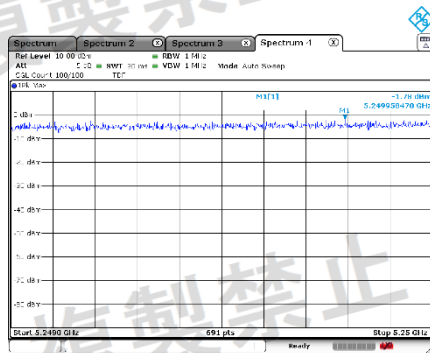
5 249 ~ 5 249.8 MHz(Search)

5 249 ~ 5 249.8 MHz(Detail)



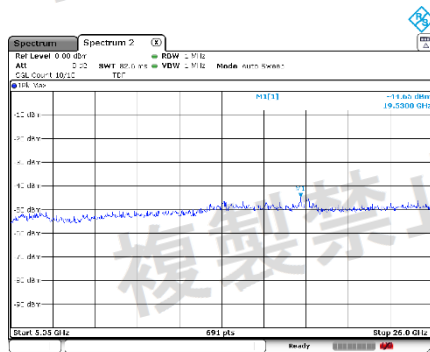


5 249.8 ~ 5 250 MHz(Search)



5 249.8 ~ 5 250 MHz(Detail)

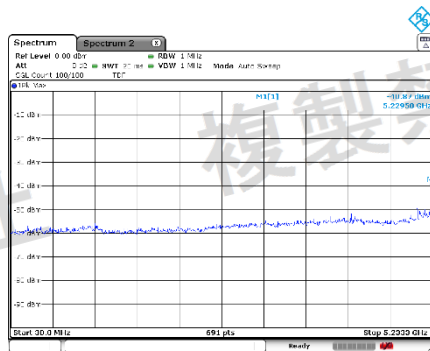
5 350 MHz ~ 26 GHz(Search)



5 350 MHz ~ 26 GHz(Detail)

CH Middle

30 MHz ~ 5 233.3 MHz(Search)



30 MHz ~ 5 233.3 MHz(Detail)

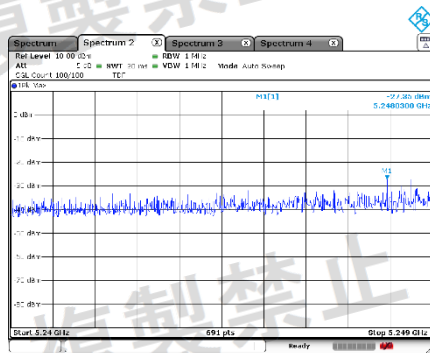
5 233.3 ~ 5 240 MHz(Search)



5 233.3 ~ 5 240 MHz(Detail)

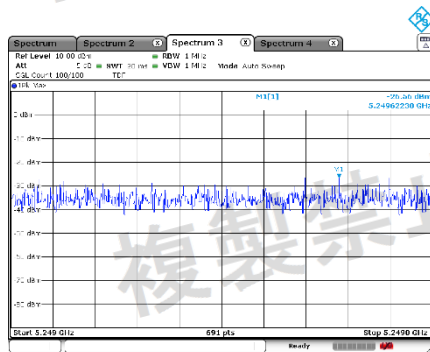


5 240 ~ 5 249 MHz(Search)



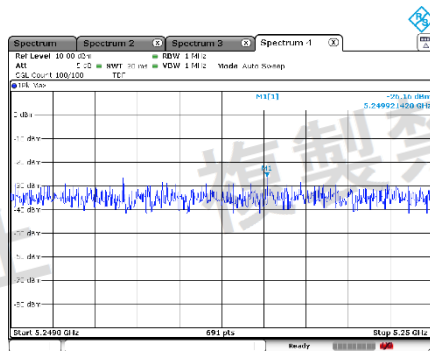
5 240 ~ 5 249 MHz(Detail)

5 249 ~ 5 249.8 MHz(Search)



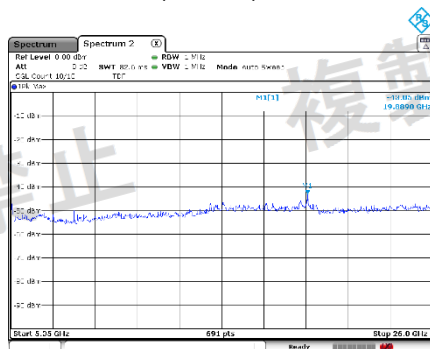
5 249 ~ 5 249.8 MHz(Detail)

5 249.8 ~ 5 250 MHz(Search)



5 249.8 ~ 5 250 MHz(Detail)

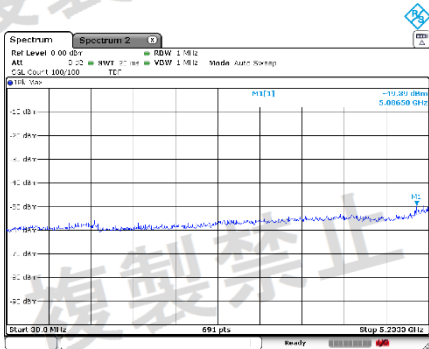
5 350 MHz ~ 26 GHz(Search)



5 350 MHz ~ 26 GHz(Detail)

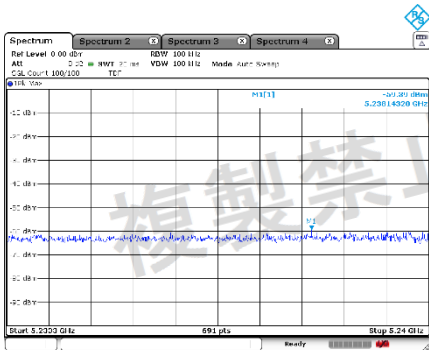


CH High
30 MHz ~ 5 233.3 MHz(Search)



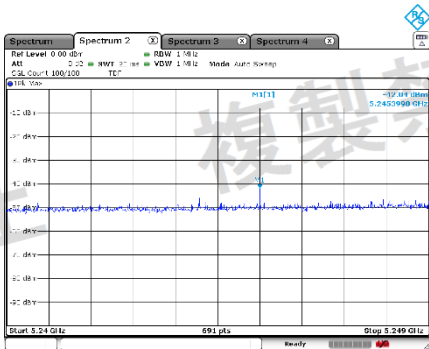
30 MHz ~ 5 233.3 MHz(Detail)

5 233.3 ~ 5 240 MHz(Search)



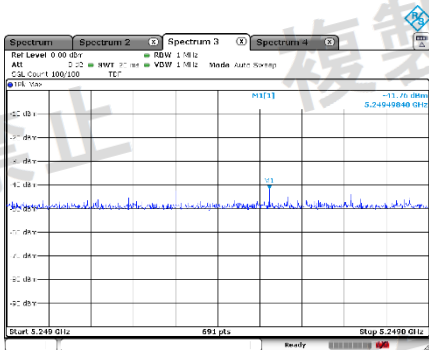
5 233.3 ~ 5 240 MHz(Detail)

5 240 ~ 5 249 MHz(Search)



5 240 ~ 5 249 MHz(Detail)

5 249 ~ 5 249.8 MHz(Search)

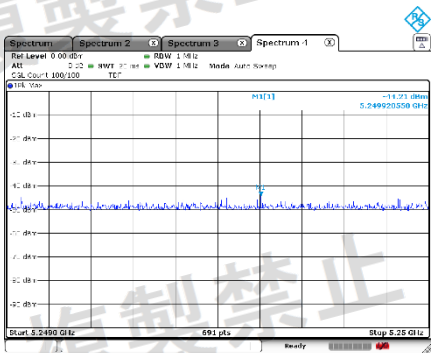


5 249 ~ 5 249.8 MHz(Detail)



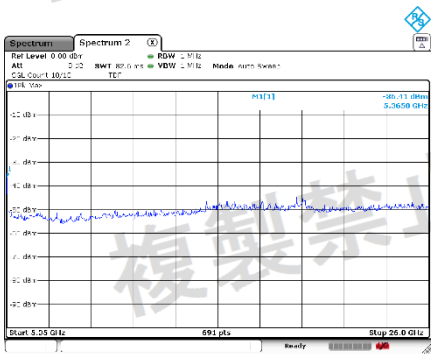
5 249.8 ~ 5 250 MHz(Search)

5 249.8 ~ 5 250 MHz(Detail)



5 350 MHz ~ 26 GHz(Search)

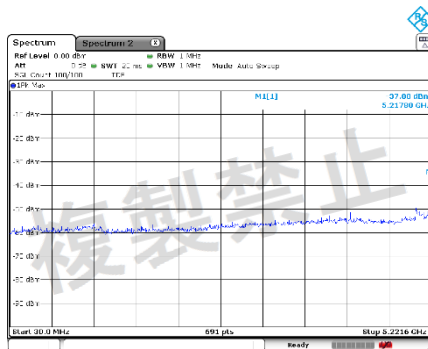
5 350 MHz ~ 26 GHz(Detail)



■802.11n(HT40)

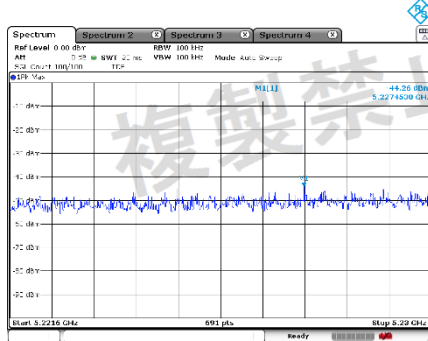
CH Low

30 MHz ~ 5 221.6 MHz(Search)



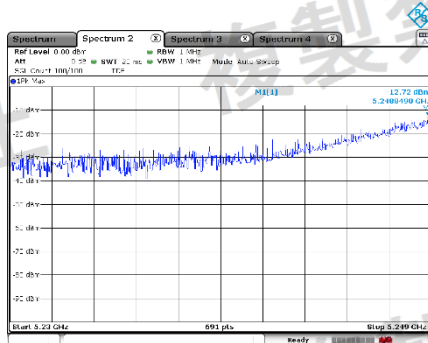
30 MHz ~ 5 221.6 MHz(Detail)

5 221.6 ~ 5 230 MHz(Search)

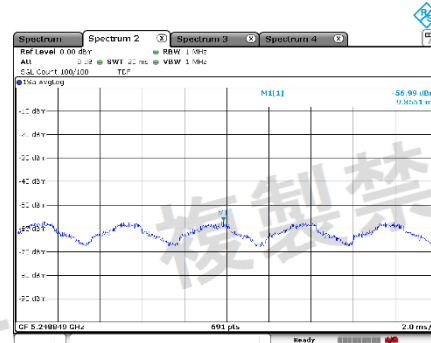


5 221.6 ~ 5 230 MHz(Detail)

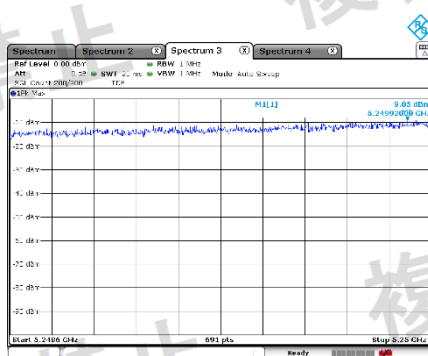
5 230 ~ 5 249 MHz(Search)



5 230 ~ 5 249 MHz(Detail)



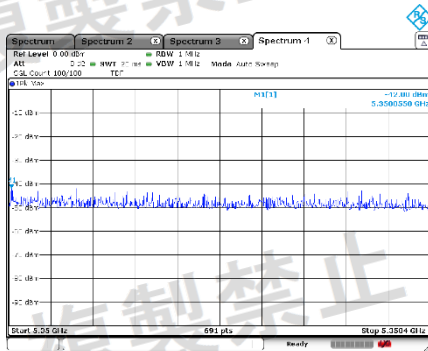
5 249 ~ 5 250 MHz(Search)



5 249 ~ 5 250 MHz(Detail)

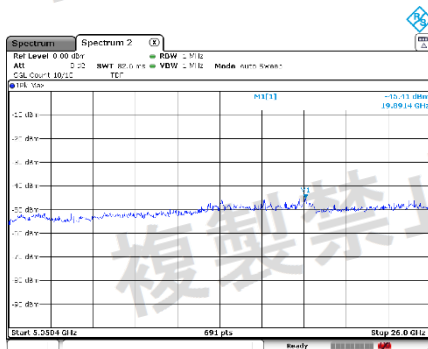


5 350 ~ 5 358.4 MHz(Search)



5 350 ~ 5 358.4 MHz(Detail)

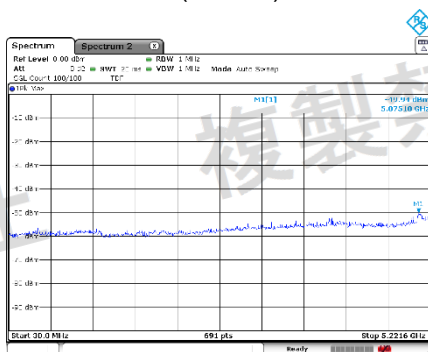
5 358.4 MHz ~ 26 GHz(Search)



5 358.4 MHz ~ 26 GHz(Detail)

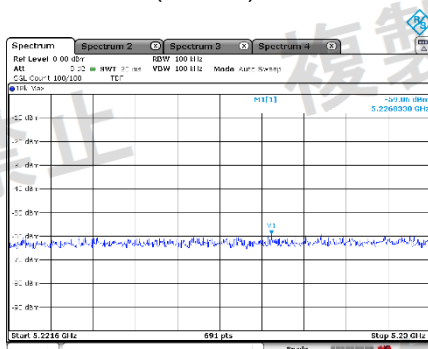
CH High

30 MHz ~ 5 221.6 MHz(Search)



30 MHz ~ 5 221.6 MHz(Detail)

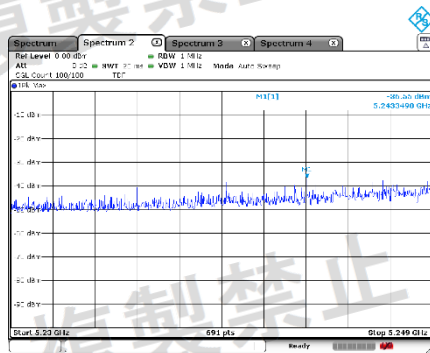
5 221.6 ~ 5 230 MHz(Search)



5 221.6 ~ 5 230 MHz(Detail)

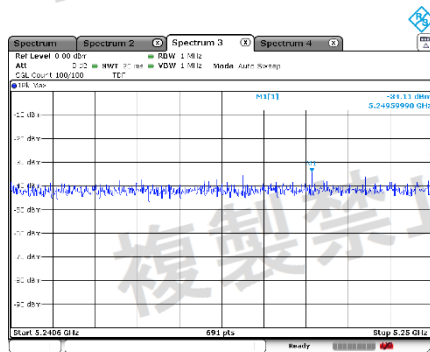


5 230 ~ 5 249 MHz(Search)



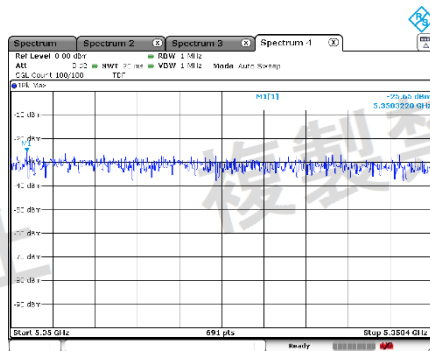
5 230 ~ 5 249 MHz(Detail)

5 249 ~ 5 250 MHz(Search)



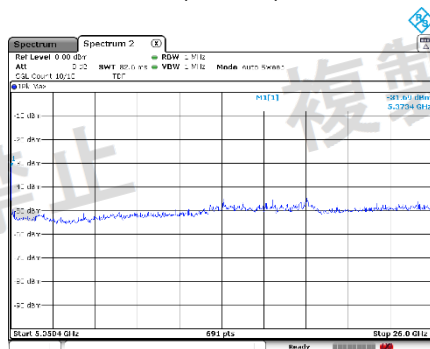
5 249 ~ 5 250 MHz(Detail)

5 230 ~ 5 358.4 MHz(Search)



5 230 ~ 5 358.4 MHz(Detail)

5 358.4 MHz ~ 26 GHz(Search)



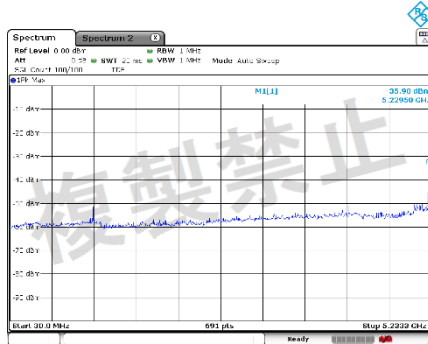
5 358.4 MHz ~ 26 GHz(Detail)

802.11ac(VHT20)

CH Low

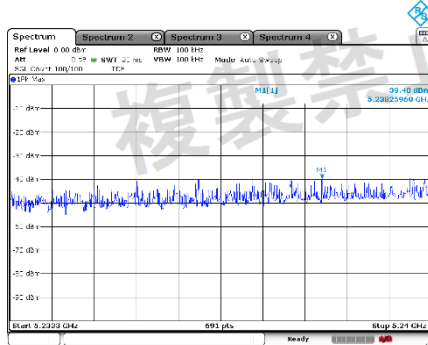
30 MHz ~ 5 233.3 MHz(Search)

30 MHz ~ 5 233.3 MHz(Detail)



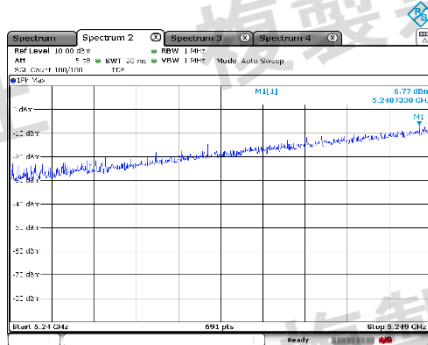
5 233.3 ~ 5 240 MHz(Search)

5 233.3 ~ 5 240 MHz (Detail)



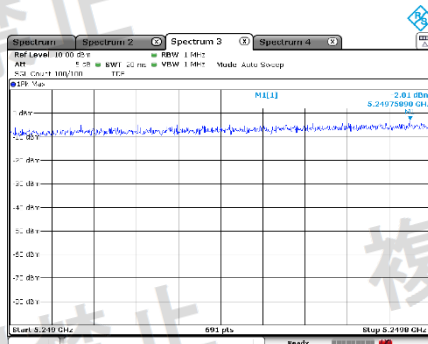
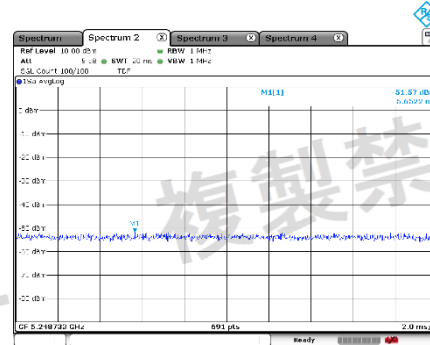
5 240 ~ 5 249 MHz(Search)

5 240 ~ 5 249 MHz(Detail)



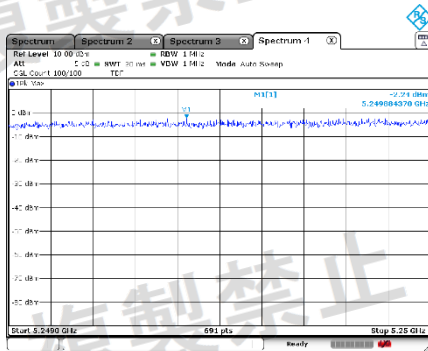
5 249 ~ 5 249.8 MHz(Search)

5 249 ~ 5 249.8 MHz(Detail)



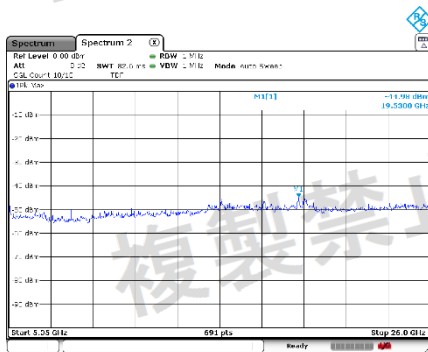


5 249.8 ~ 5 250 MHz(Search)



5 249.8 ~ 5 250 MHz(Detail)

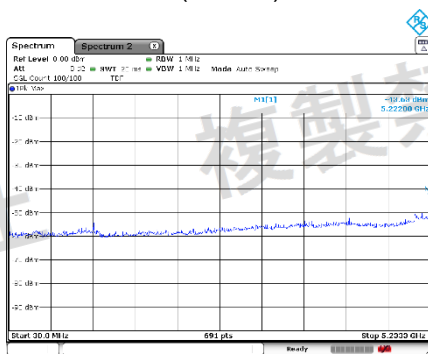
5 350 MHz ~ 26 GHz(Search)



5 350 MHz ~ 26 GHz(Detail)

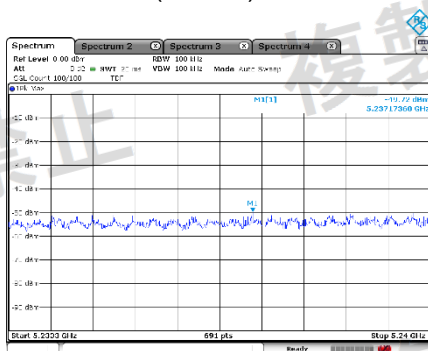
CH Middle

30 MHz ~ 5 233.3 MHz(Search)



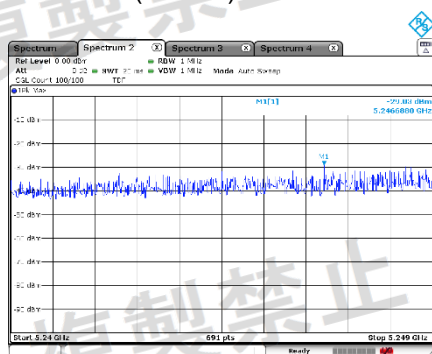
30 MHz ~ 5 233.3 MHz(Detail)

5 233.3 ~ 5 240 MHz(Search)



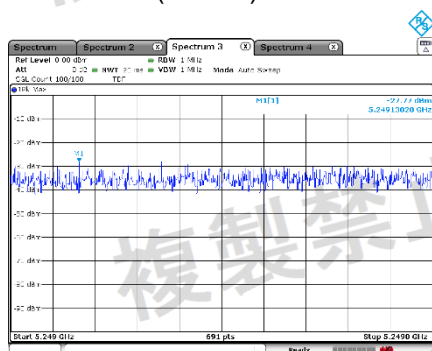
5 233.3 ~ 5 240 MHz(Detail)

5 240 ~ 5 249 MHz(Search)



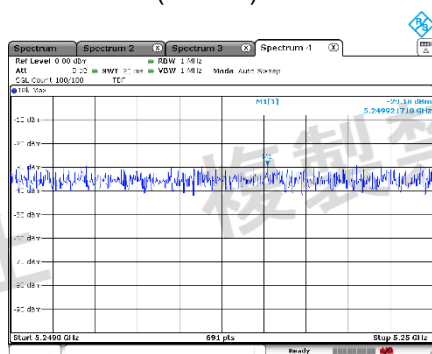
5 240 ~ 5 249 MHz(Detail)

5 249 ~ 5 249.8 MHz(Search)



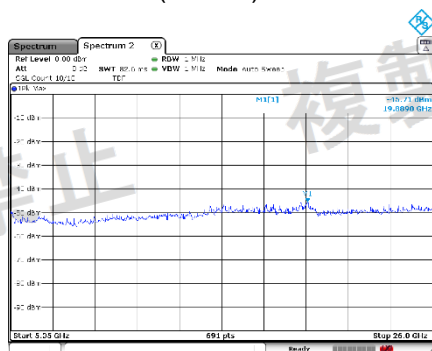
5 249 ~ 5 249.8 MHz(Detail)

5 249.8 ~ 5 250 MHz(Search)



5 249.8 ~ 5 250 MHz(Detail)

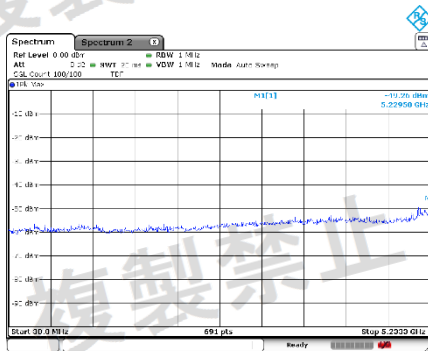
5 350 MHz ~ 26 GHz(Search)



5 350 MHz ~ 26 GHz(Detail)

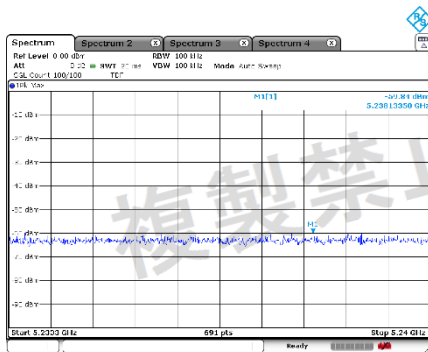


CH High
30 MHz ~ 5 233.3 MHz(Search)



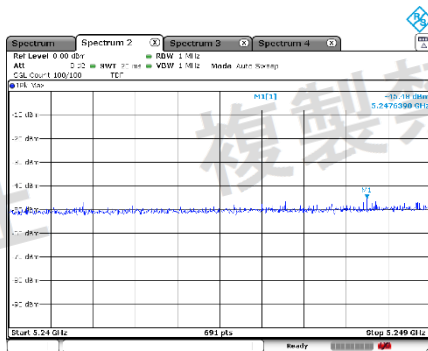
30 MHz ~ 5 233.3 MHz(Detail)

5 233.3 ~ 5 240 MHz(Search)



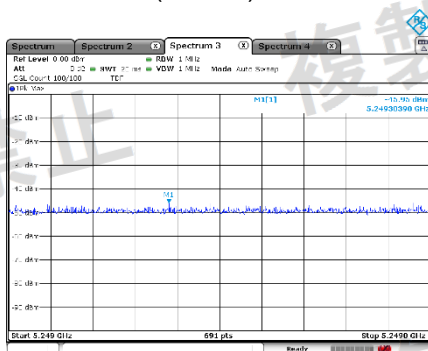
5 233.3 ~ 5 240 MHz(Detail)

5 240 ~ 5 249 MHz(Search)



5 240 ~ 5 249 MHz(Detail)

5 249 ~ 5 249.8 MHz(Search)

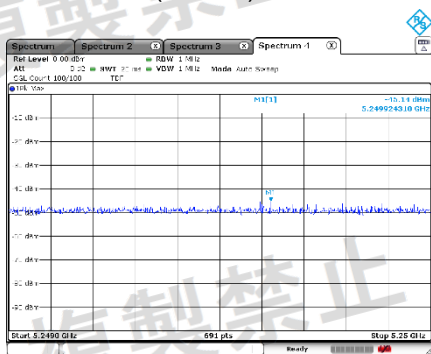


5 249 ~ 5 249.8 MHz(Detail)



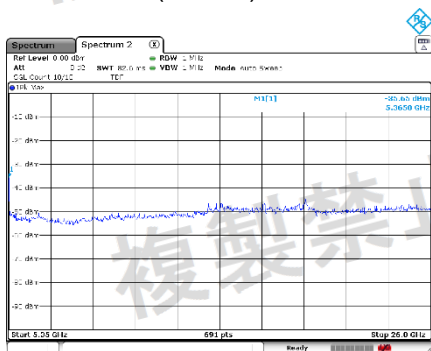
5 249.8 ~ 5 250 MHz(Search)

5 249.8 ~ 5 250 MHz(Detail)



5 350 MHz ~ 26 GHz(Search)

5 350 MHz ~ 26 GHz(Detail)

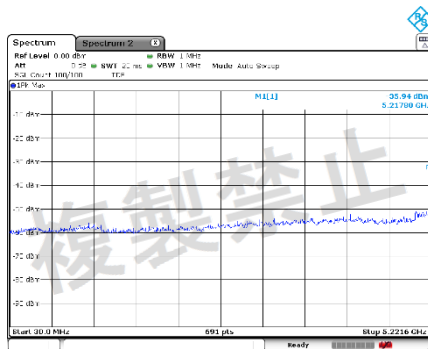


■802.11ac(VHT40)

CH Low

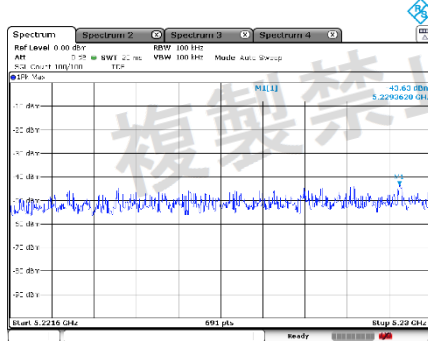
30 MHz ~ 5 221.6 MHz(Search)

30 MHz ~ 5 221.6 MHz(Detail)



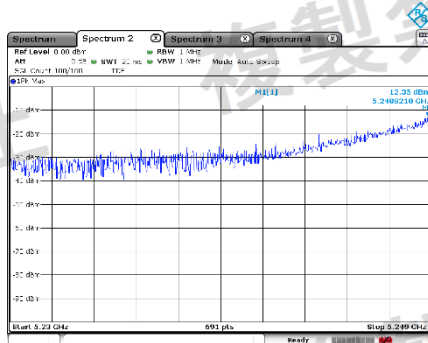
5 221.6 ~ 5 230 MHz(Search)

5 221.6 ~ 5 230 MHz(Detail)



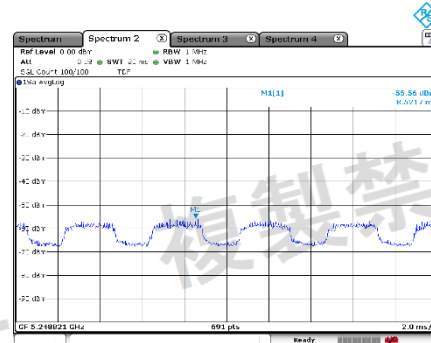
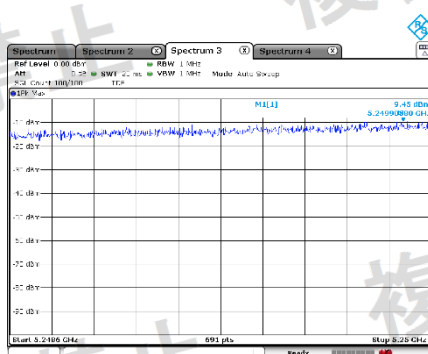
5 230 ~ 5 249 MHz(Search)

5 230 ~ 5 249 MHz(Detail)



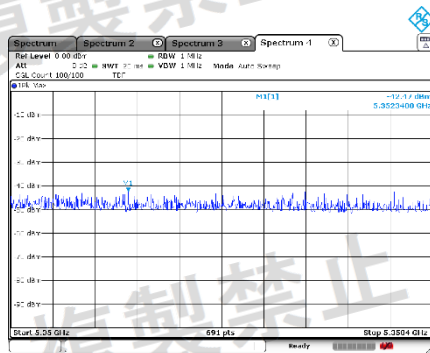
5 249 ~ 5 250 MHz(Search)

5 249 ~ 5 250 MHz(Detail)



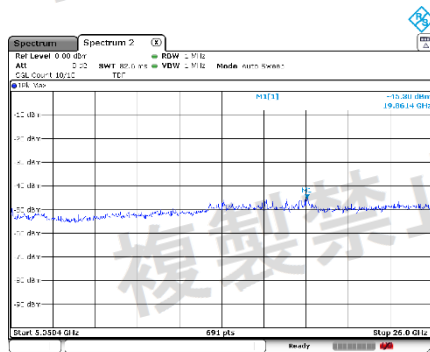


5 350 ~ 5 358.4 MHz(Search)



5 350 ~ 5 358.4 MHz(Detail)

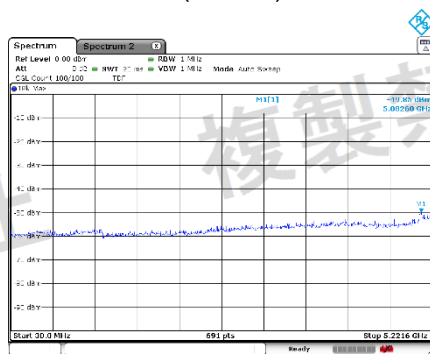
5 358.4 MHz ~ 26 GHz(Search)



5 358.4 MHz ~ 26 GHz(Detail)

CH High

30 MHz ~ 5 221.6 MHz(Search)



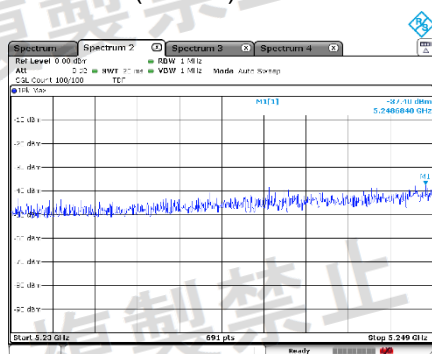
30 MHz ~ 5 221.6 MHz(Detail)

5 221.6 ~ 5 230 MHz(Search)



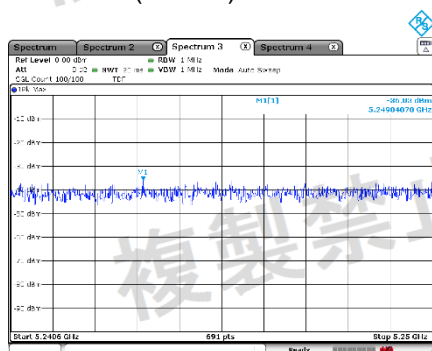
5 221.6 ~ 5 230 MHz(Detail)

5 230 ~ 5 249 MHz(Search)



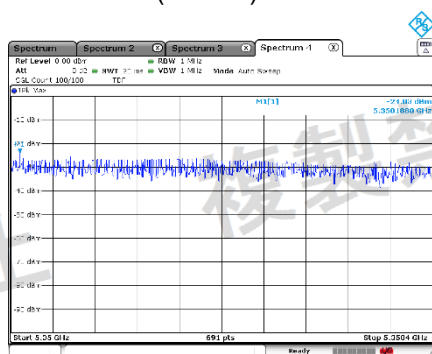
5 230 ~ 5 249 MHz(Detail)

5 249 ~ 5 250 MHz(Search)



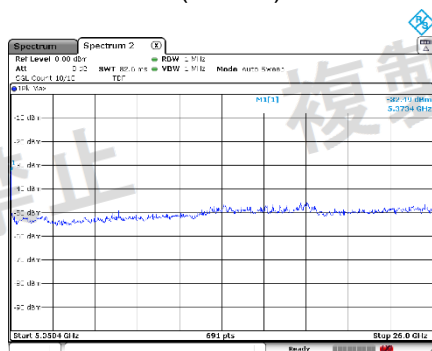
5 249 ~ 5 250 MHz(Detail)

5 350 ~ 5 358.4 MHz(Search)



5 350 ~ 5 358.4 MHz(Detail)

5 358.4 MHz ~ 26 GHz(Search)



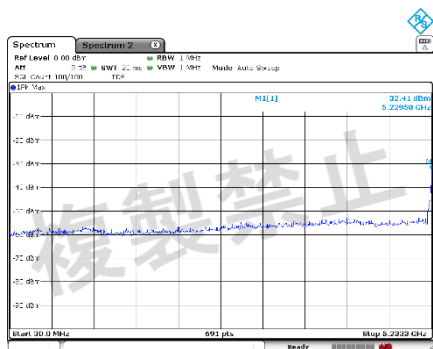
5 358.4 MHz ~ 26 GHz(Detail)

■802.11ax(HE20)

CH Low

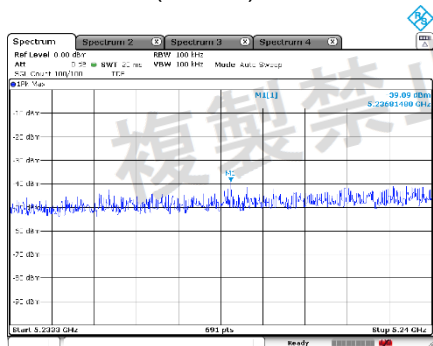
30 MHz ~ 5 233.3 MHz(Search)

30 MHz ~ 5 233.3 MHz(Detail)



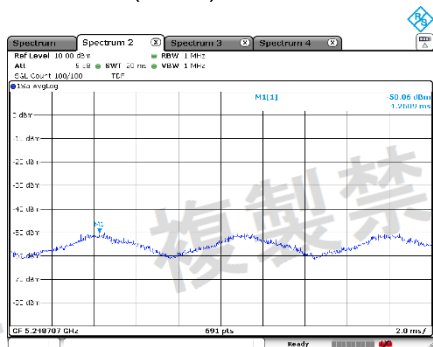
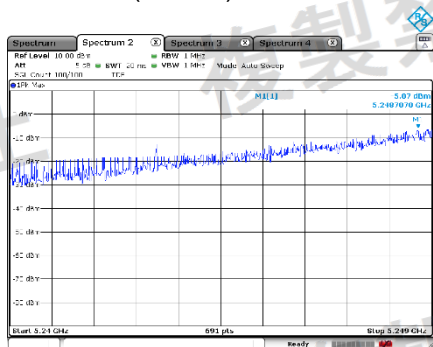
5 233.3 ~ 5 240 MHz(Search)

5 233.3 ~ 5 240 MHz(Detail)



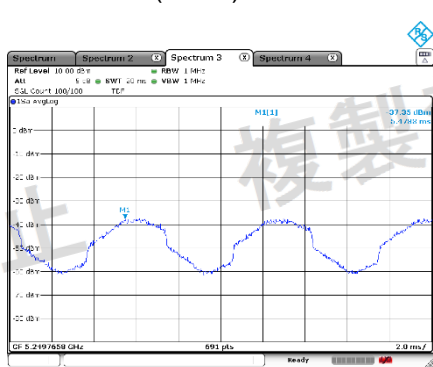
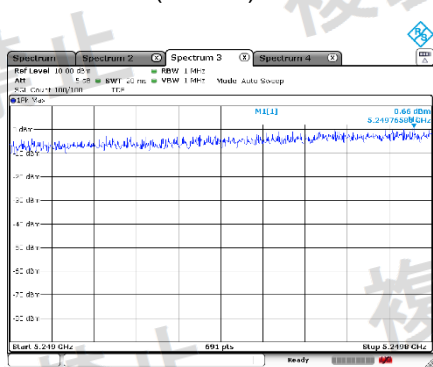
5 240 ~ 5 249 MHz(Search)

5 240 ~ 5 249 MHz(Detail)



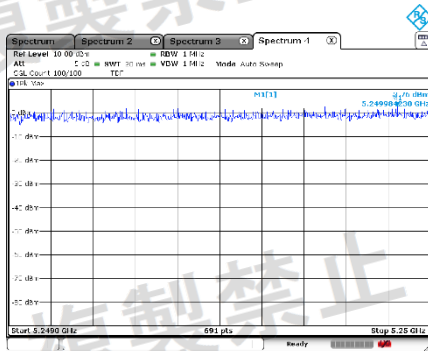
5 249 ~ 5 249.8 MHz(Search)

5 249 ~ 5 249.8 MHz(Detail)



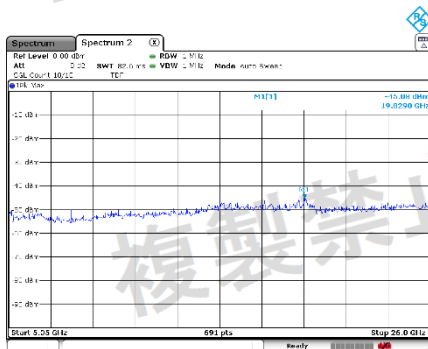


5 249.8 ~ 5 250 MHz(Search)



5 249.8 ~ 5 250 MHz(Detail)

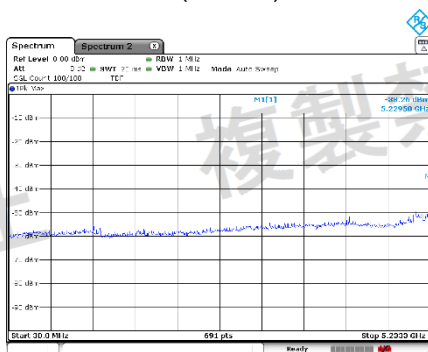
5 350 MHz ~ 26 GHz(Search)



5 350 MHz ~ 26 GHz(Detail)

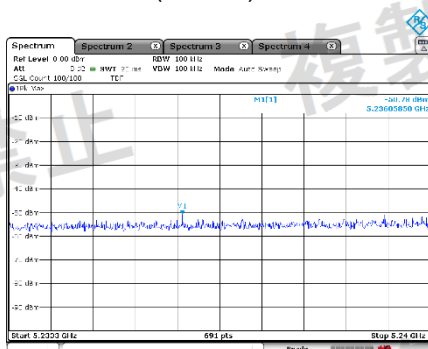
CH Middle

30 MHz ~ 5 233.3 MHz(Search)



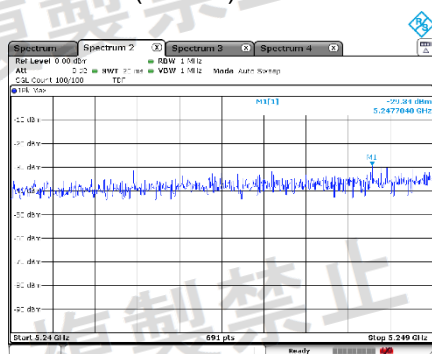
30 MHz ~ 5 233.3 MHz(Detail)

5 233.3 ~ 5 240 MHz(Search)



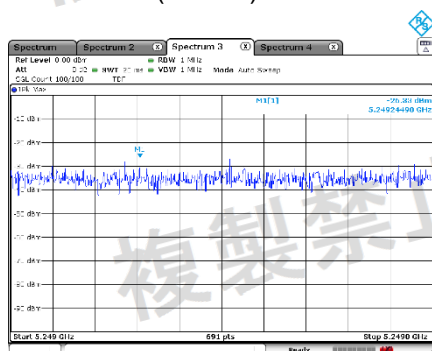
5 233.3 ~ 5 240 MHz(Detail)

5 240 ~ 5 249 MHz(Search)



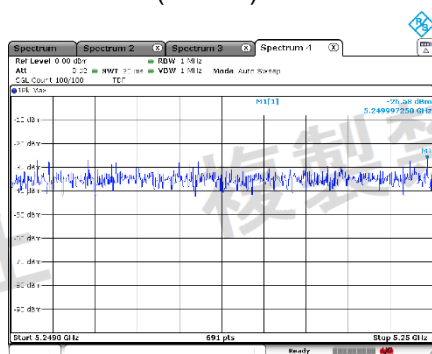
5 240 ~ 5 249 MHz(Detail)

5 249 ~ 5 249.8 MHz(Search)



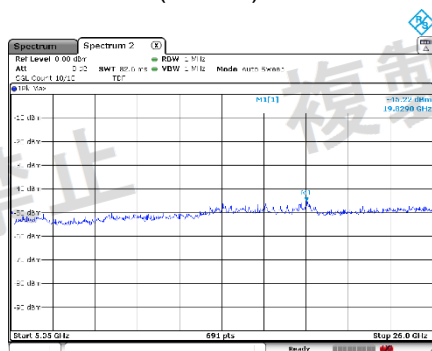
5 249 ~ 5 249.8 MHz(Detail)

5 249.8 ~ 5 250 MHz(Search)



5 249.8 ~ 5 250 MHz(Detail)

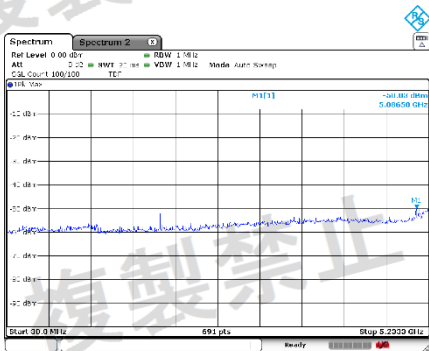
5 350 MHz ~ 26 GHz(Search)



5 350 MHz ~ 26 GHz(Detail)

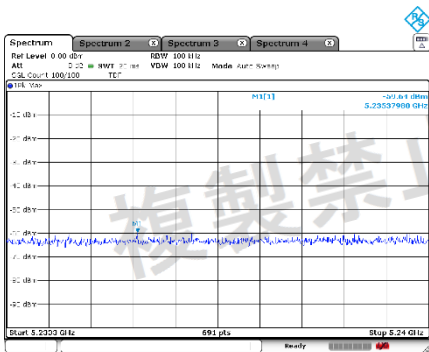


CH High
30 MHz ~ 5 233.3 MHz(Search)



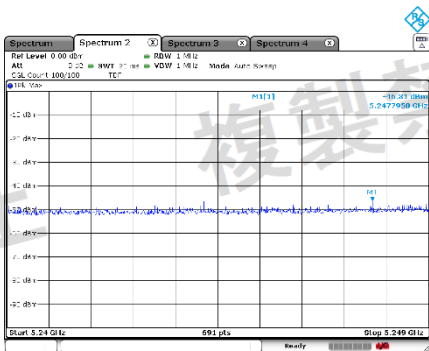
30 MHz ~ 5 233.3 MHz(Detail)

5 233.3 ~ 5 240 MHz(Search)



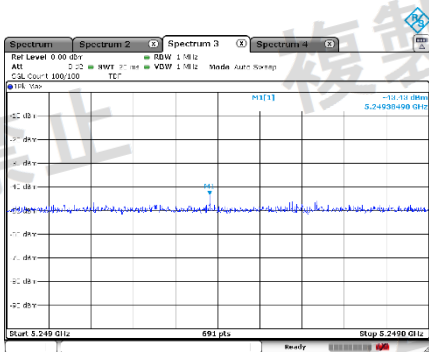
5 233.3 ~ 5 240 MHz(Detail)

5 240 ~ 5 249 MHz(Search)



5 240 ~ 5 249 MHz(Detail)

5 249 ~ 5 249.8 MHz(Search)

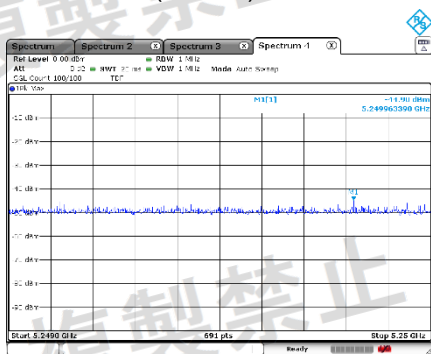


5 249 ~ 5 249.8 MHz(Detail)



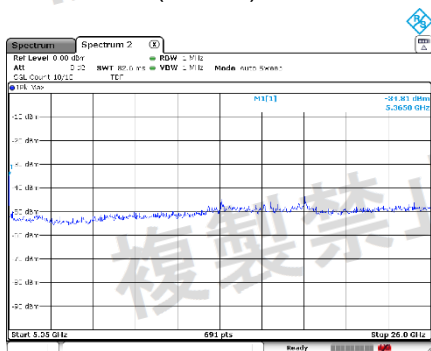
5 249.8 ~ 5 250 MHz(Search)

5 249.8 ~ 5 250 MHz(Detail)



5 350 MHz ~ 26 GHz(Search)

5 350 MHz ~ 26 GHz(Detail)

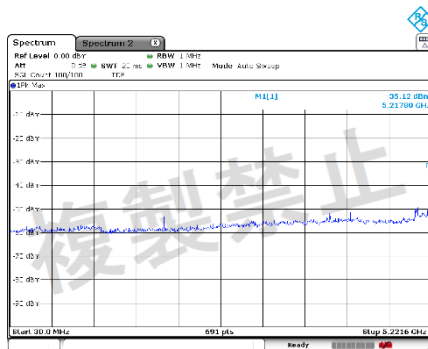


■802.11ax(HE40)

CH Low

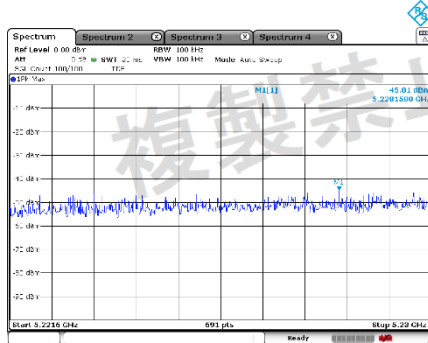
30 MHz ~ 5 221.6 MHz(Search)

30 MHz ~ 5 221.6 MHz(Detail)



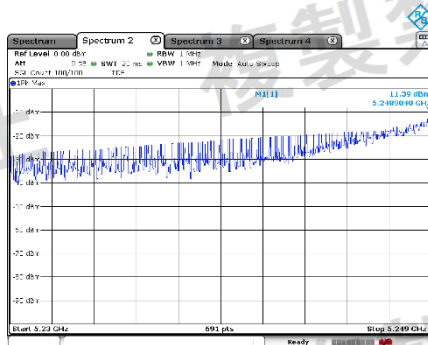
5 221.6 ~ 5 230 MHz(Search)

5 221.6 ~ 5 230 MHz(Detail)



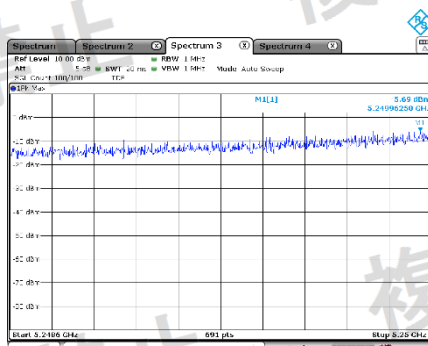
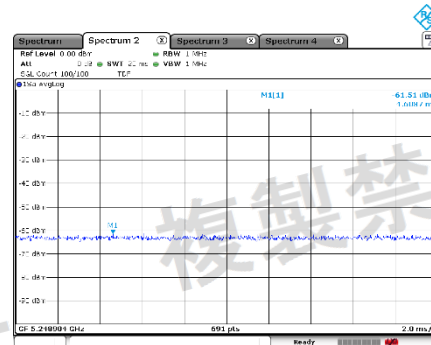
5 230 ~ 5 249 MHz(Search)

5 230 ~ 5 249 MHz(Detail)



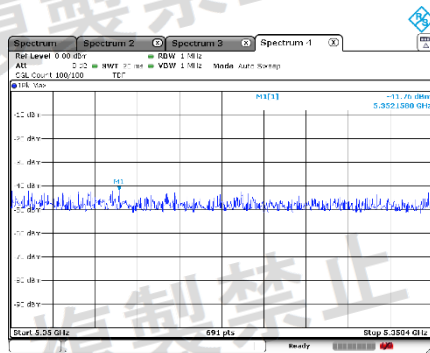
5 249 ~ 5 250 MHz(Search)

5 249 ~ 5 250 MHz(Detail)



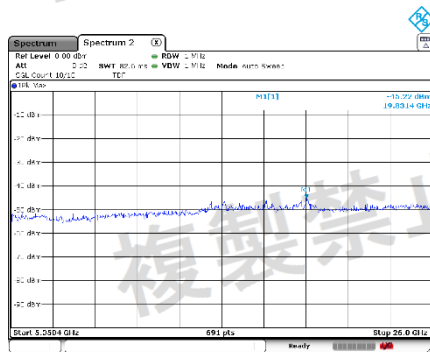


5 350 ~ 5 358.4 MHz(Search)



5 350 ~ 5 358.4 MHz(Detail)

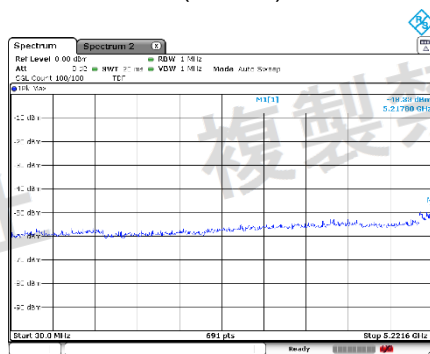
5 358.4 MHz ~ 26 GHz(Search)



5 358.4 MHz ~ 26 GHz(Detail)

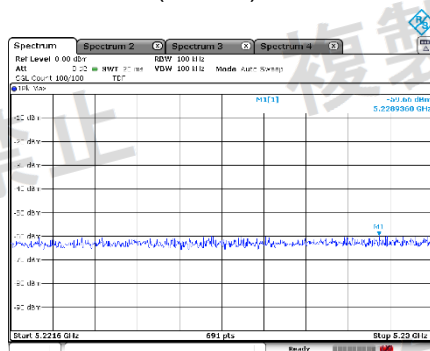
CH High

30 MHz ~ 5 221.6 MHz(Search)



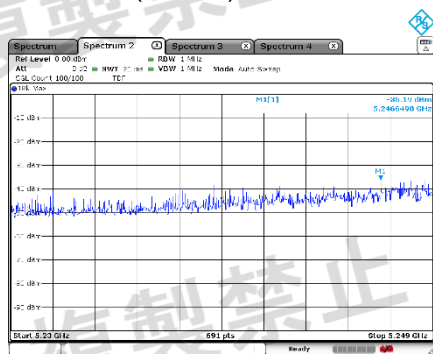
30 MHz ~ 5 221.6 MHz(Detail)

5 221.6 ~ 5 230 MHz(Search)



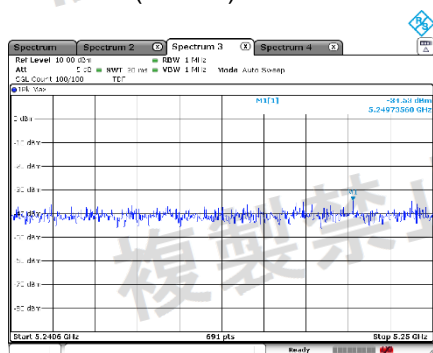
5 221.6 ~ 5 230 MHz(Detail)

5 230 ~ 5 249 MHz(Search)



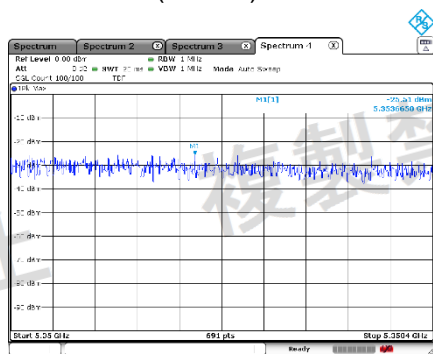
5 230 ~ 5 249 MHz(Detail)

5 249 ~ 5 250 MHz(Search)



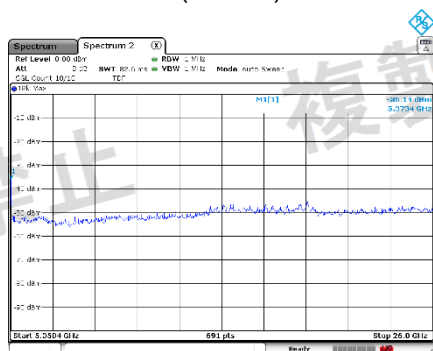
5 249 ~ 5 250 MHz(Detail)

5 350 ~ 5 358.4 MHz(Search)



5 350 ~ 5 358.4 MHz(Detail)

5 358.4 MHz ~ 26 GHz(Search)



5 358.4 MHz ~ 26 GHz(Detail)

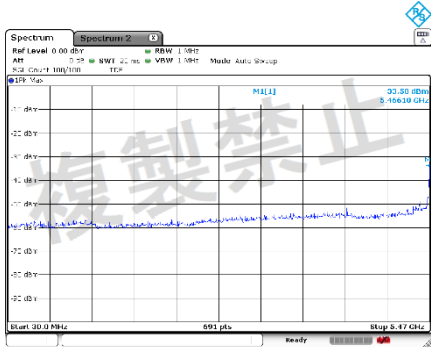


■W56

▣802.11a

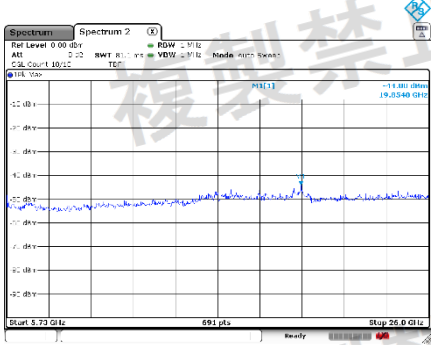
CH Low

30 MHz ~ 5 470 MHz(Search)



30 MHz ~ 5 470 MHz(Detail)

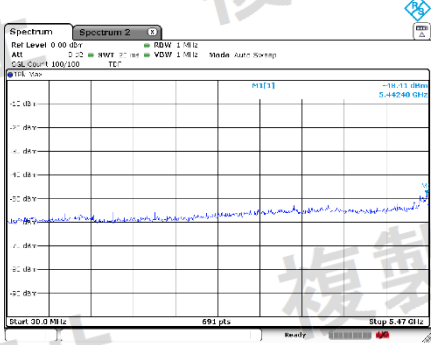
5 730 MHz ~ 26 GHz(Search)



5 730 MHz ~ 26 GHz(Detail)

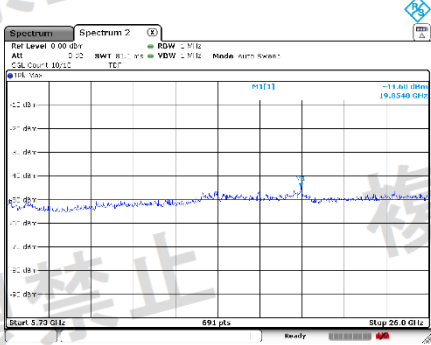
CH Middle

30 MHz ~ 5 470 MHz(Search)



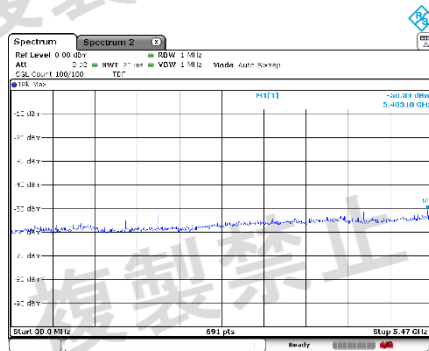
30 MHz ~ 5 470 MHz(Detail)

5 730 MHz ~ 26 GHz(Search)



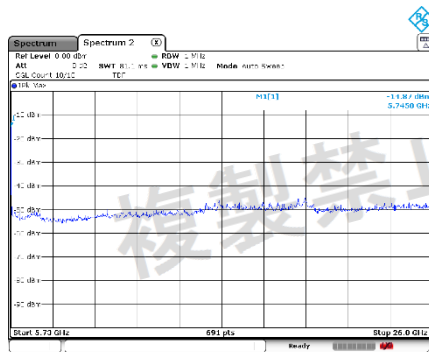
5 730 MHz ~ 26 GHz(Detail)

CH High
30 MHz ~ 5 470 MHz(Search)

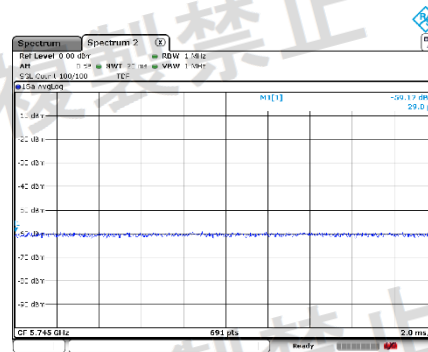


30 MHz ~ 5 470 MHz(Detail)

5 730 MHz ~ 26 GHz(Search)



5 730 MHz ~ 26 GHz(Detail)

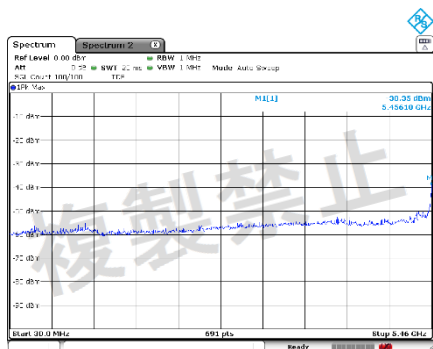


802.11n(HT20)

CH Low

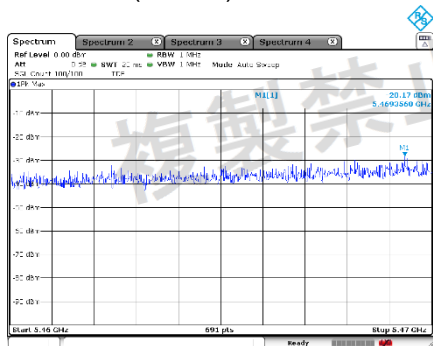
30 MHz ~ 5 460 MHz(Search)

30 MHz ~ 5 460 MHz(Detail)



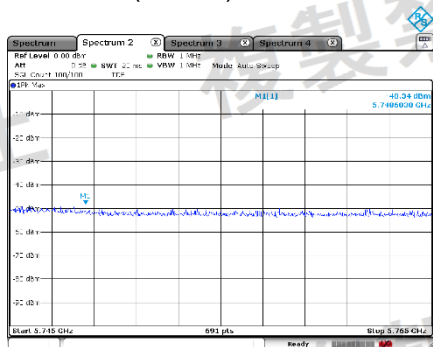
5 460 ~ 5 470 MHz(Search)

5 460 ~ 5 470 MHz(Detail)



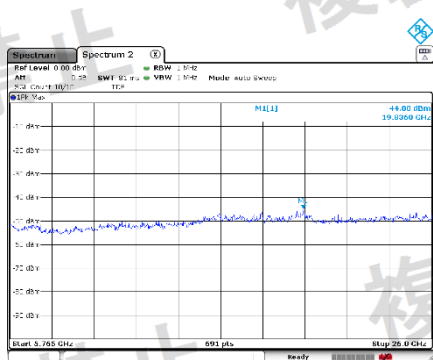
5 745 ~ 5 765 MHz(Search)

5 745 ~ 5 765 MHz(Detail)



5 765 MHz ~ 26 GHz(Search)

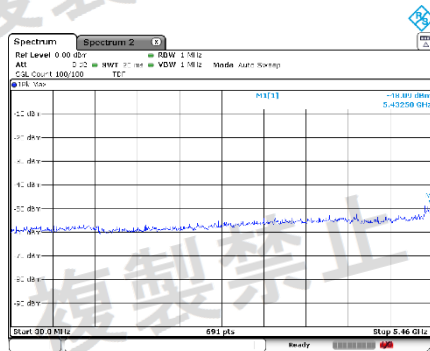
5 765 MHz ~ 26 GHz(Detail)





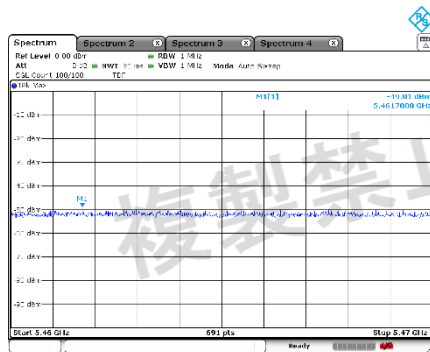
CH Middle

30 MHz ~ 5 460 MHz(Search)



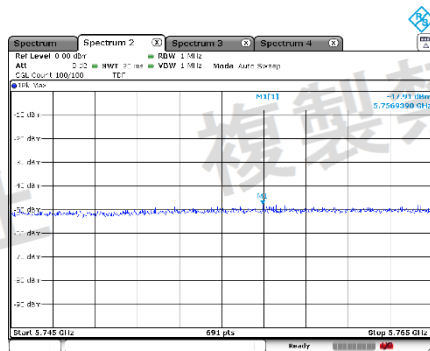
30 MHz ~ 5 460 MHz(Detail)

5 460 ~ 5 470 MHz(Search)



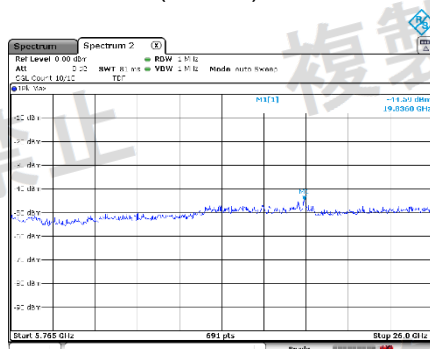
5 460 ~ 5 470 MHz(Detail)

5 745 ~ 5 765 MHz(Search)



5 745 ~ 5 765 MHz(Detail)

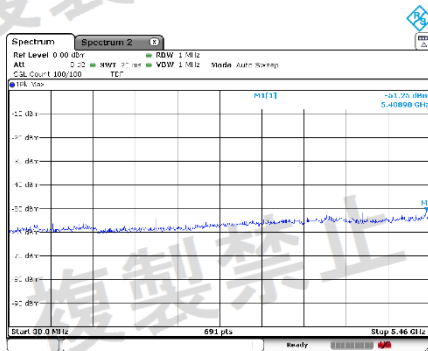
5 765 MHz ~ 26 GHz(Search)



5 765 MHz ~ 26 GHz(Detail)

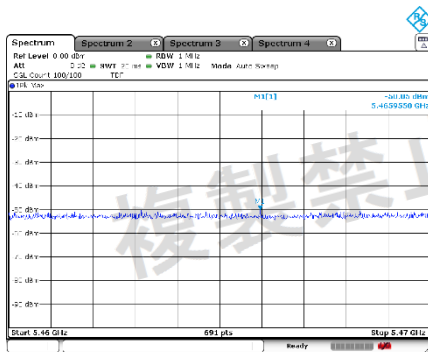


CH High
30 MHz ~ 5 460 MHz(Search)



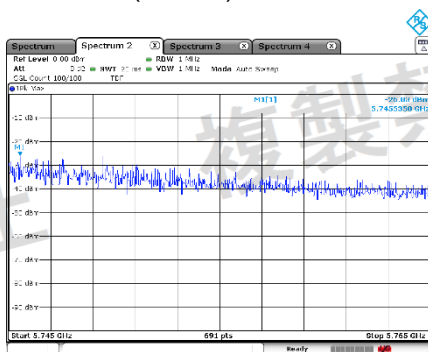
30 MHz ~ 5 460 MHz(Detail)

5 460 ~ 5 470 MHz(Search)



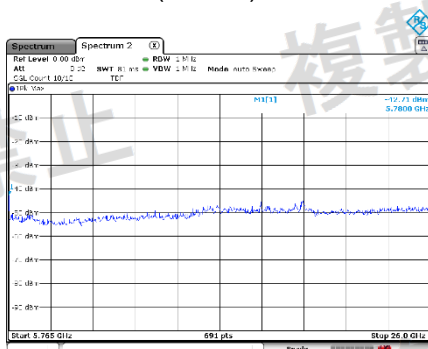
5 460 ~ 5 470 MHz(Detail)

5 745 ~ 5 765 MHz(Search)



5 745 ~ 5 765 MHz(Detail)

5 765 MHz ~ 26 GHz(Search)



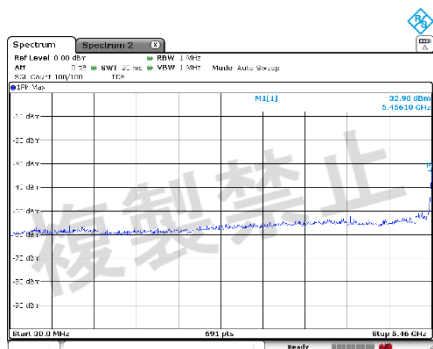
5 765 MHz ~ 26 GHz(Detail)

■802.11n(HT40)

CH Low

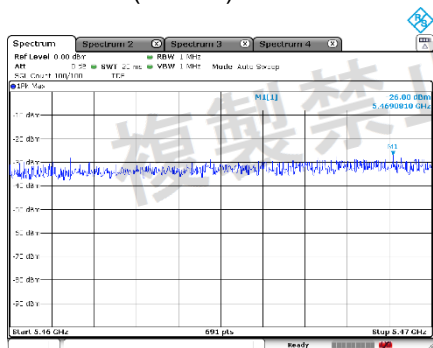
30 MHz ~ 5 460 MHz(Search)

30 MHz ~ 5 460 MHz(Detail)



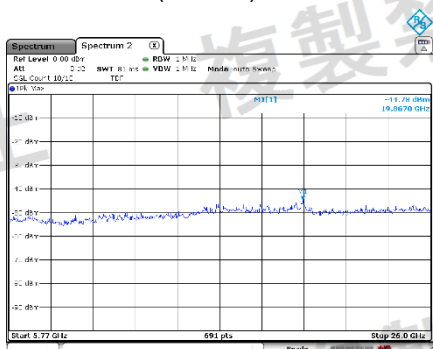
5 460 ~ 5 470 MHz(Search)

5 460 ~ 5 470 MHz(Detail)



5 770 MHz ~ 26 GHz(Search)

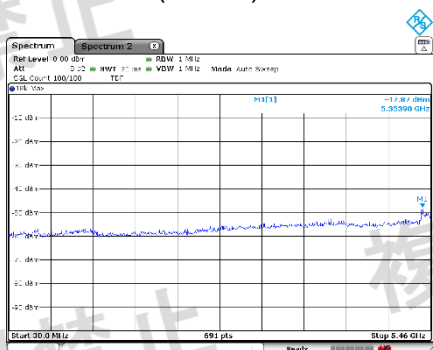
5 770 MHz ~ 26 GHz(Detail)



CH Middle

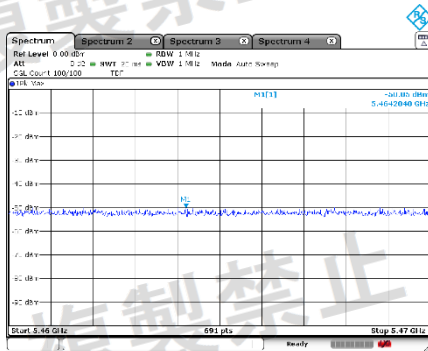
30 MHz ~ 5 460 MHz(Search)

30 MHz ~ 5 460 MHz(Detail)



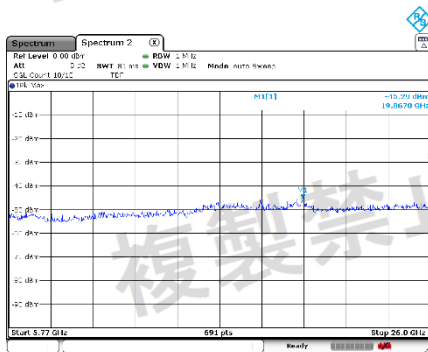


5 460 ~ 5 470 MHz(Search)



5 460 ~ 5 470 MHz(Detail)

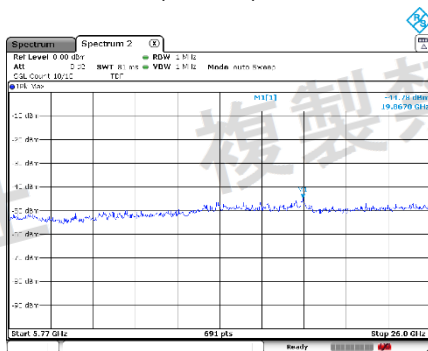
5 770 MHz ~ 26 GHz(Search)



5 770 MHz ~ 26 GHz(Detail)

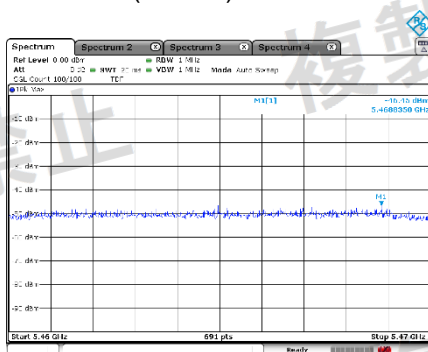
CH High

30 MHz ~ 5 460 MHz(Search)



30 MHz ~ 5 460 MHz(Detail)

5 460 ~ 5 470 MHz(Search)

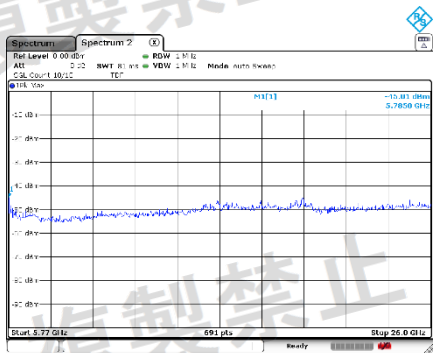


5 460 ~ 5 470 MHz(Detail)



5 770 MHz ~ 26 GHz(Search)

5 770 MHz ~ 26 GHz(Detail)

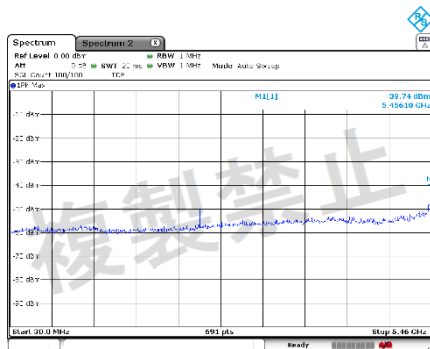


■802.11ac(VHT20)

CH Low

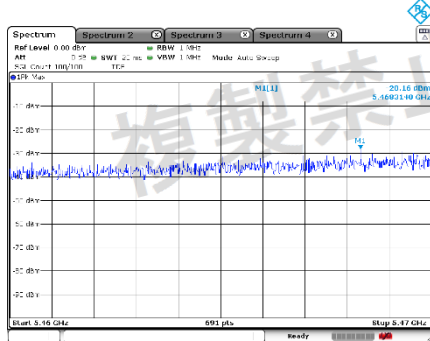
30 MHz ~ 5 460 MHz(Search)

30 MHz ~ 5 460 MHz(Detail)



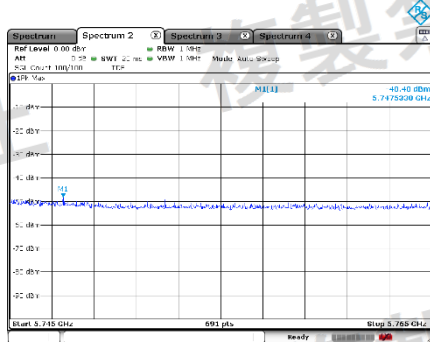
5 460 ~ 5 470 MHz(Search)

5 460 ~ 5 470 MHz(Detail)



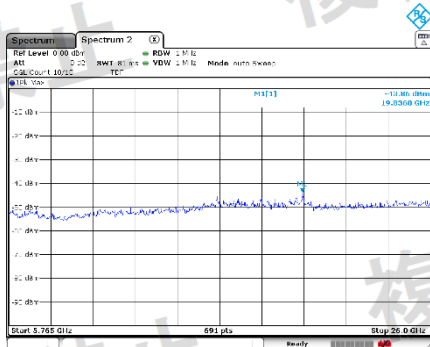
5 745 ~ 5 765 MHz(Search)

5 745 ~ 5 765 MHz(Detail)



5 765 MHz ~ 26 GHz(Search)

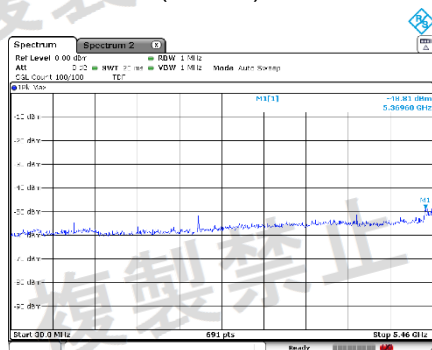
5 765 MHz ~ 26 GHz(Detail)





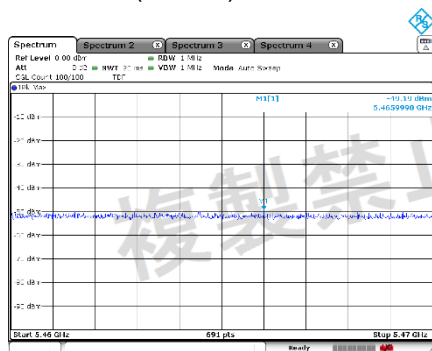
CH Middle

30 MHz ~ 5 460 MHz(Search)



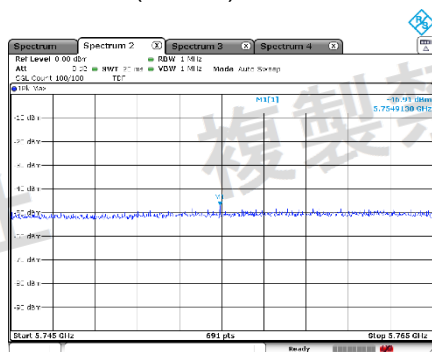
30 MHz ~ 5 460 MHz(Detail)

5 460 ~ 5 470 MHz(Search)



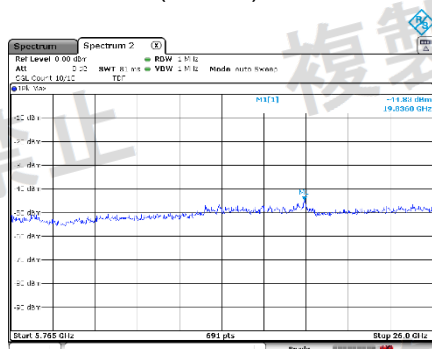
5 460 ~ 5 470 MHz(Detail)

5 745 ~ 5 765 MHz(Search)



5 745 ~ 5 765 MHz(Detail)

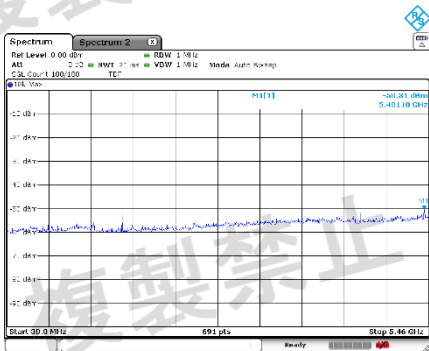
5 765 MHz ~ 26 GHz(Search)



5 765 MHz ~ 26 GHz(Detail)

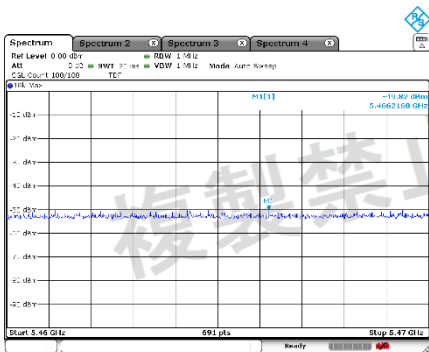


CH High
30 MHz ~ 5 460 MHz(Search)



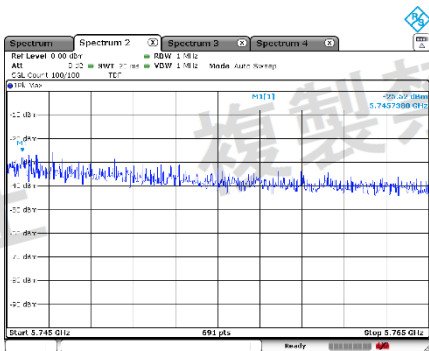
30 MHz ~ 5 460 MHz(Detail)

5 460 ~ 5 470 MHz(Search)



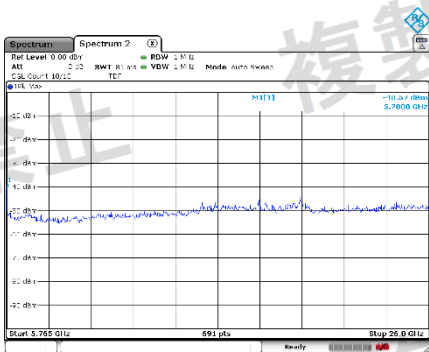
5 460 ~ 5 470 MHz(Detail)

5 745 ~ 5 765 MHz(Search)



5 745 ~ 5 765 MHz(Detail)

5 765 MHz ~ 26 GHz(Search)



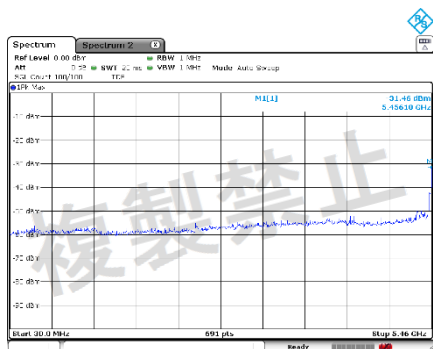
5 765 MHz ~ 26 GHz(Detail)

■802.11ac(VHT40)

CH Low

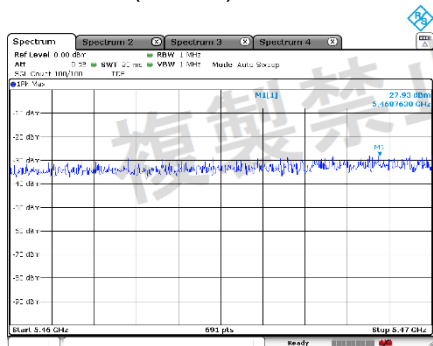
30 MHz ~ 5 460 MHz(Search)

30 MHz ~ 5 460 MHz(Detail)



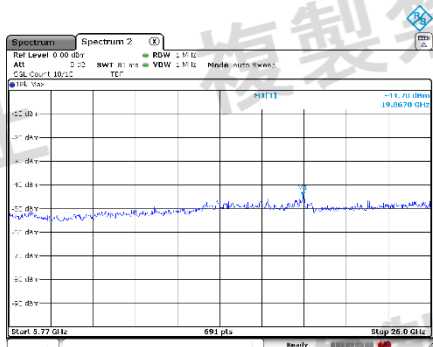
5 460 ~ 5 470 MHz(Search)

5 460 ~ 5 470 MHz(Detail)



5 770 MHz ~ 26 GHz(Search)

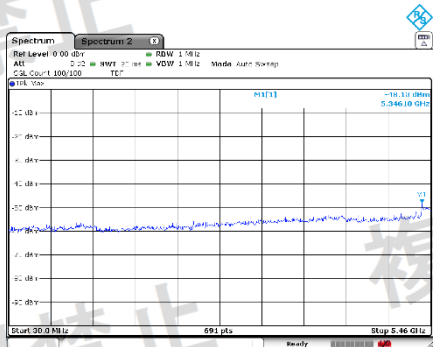
5 770 MHz ~ 26 GHz(Detail)



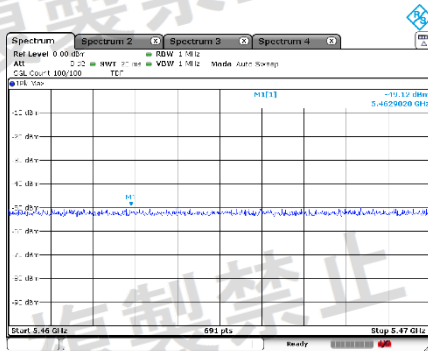
CH Middle

30 MHz ~ 5 460 MHz(Search)

30 MHz ~ 5 460 MHz(Detail)

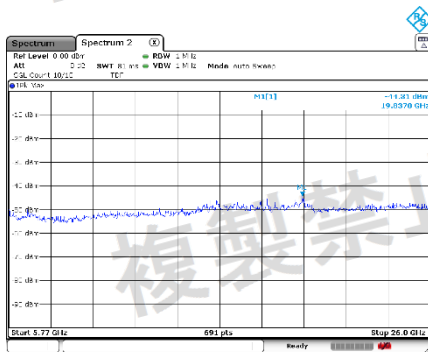


5 460 ~ 5 470 MHz(Search)



5 460 ~ 5 470 MHz(Detail)

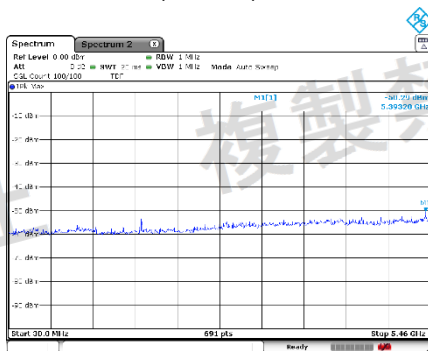
5 770 MHz ~ 26 GHz(Search)



5 770 MHz ~ 26 GHz(Detail)

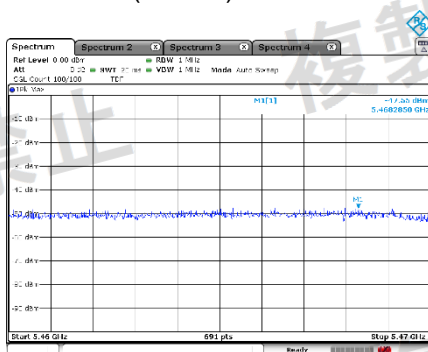
CH High

30 MHz ~ 5 460 MHz(Search)



30 MHz ~ 5 460 MHz(Detail)

5 460 ~ 5 470 MHz(Search)

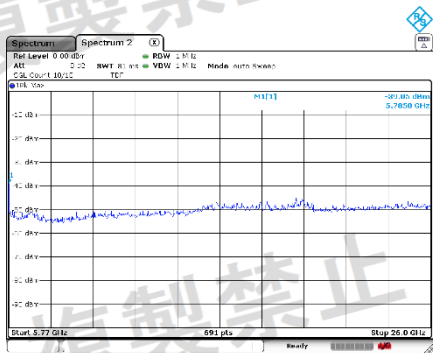


5 460 ~ 5 470 MHz(Detail)



5 770 MHz ~ 26 GHz(Search)

5 770 MHz ~ 26 GHz (Detail)

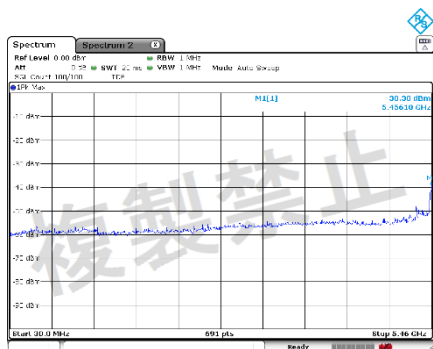


802.11ax(HE20)

CH Low

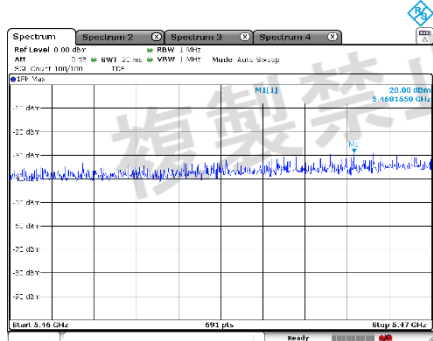
30 MHz ~ 5 460 MHz(Search)

30 MHz ~ 5 460 MHz(Detail)



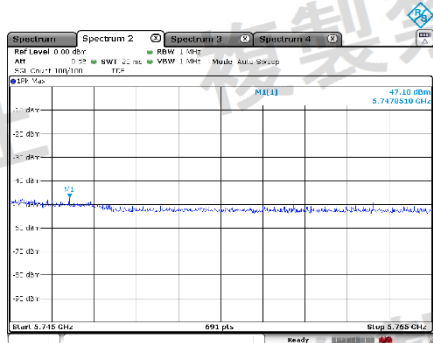
5 460 ~ 5 470 MHz(Search)

5 460 ~ 5 470 MHz(Detail)



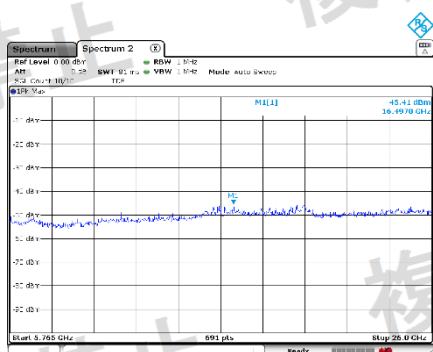
5 745 ~ 5 765 MHz(Search)

5 745 ~ 5 765 MHz(Detail)



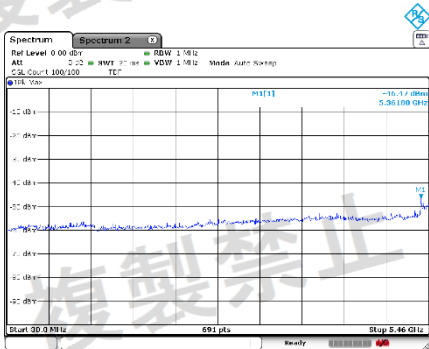
5 765 MHz ~ 26 GHz(Search)

5 765 MHz ~ 26 GHz(Detail)



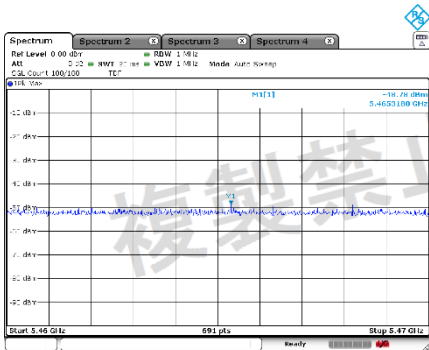


CH Middle
30 MHz ~ 5 460 MHz(Search)



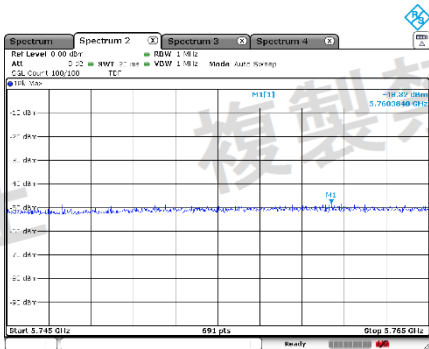
30 MHz ~ 5 460 MHz(Detail)

5 460 ~ 5 470 MHz(Search)



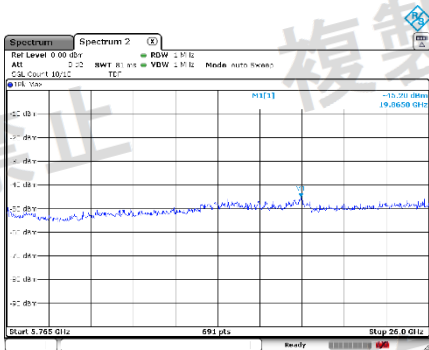
5 460 ~ 5 470 MHz(Detail)

5 745 ~ 5 765 MHz(Search)



5 745 ~ 5 765 MHz(Detail)

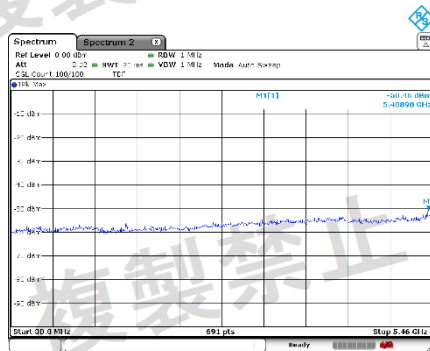
5 765 MHz ~ 26 GHz(Search)



5 765 MHz ~ 26 GHz(Detail)

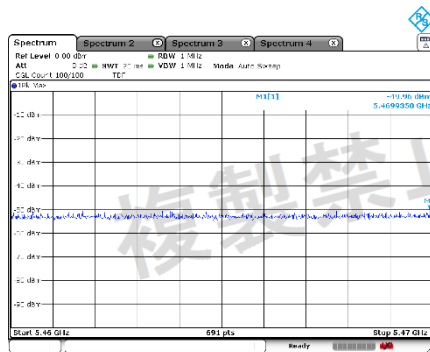


CH High
30 MHz ~ 5 460 MHz(Search)



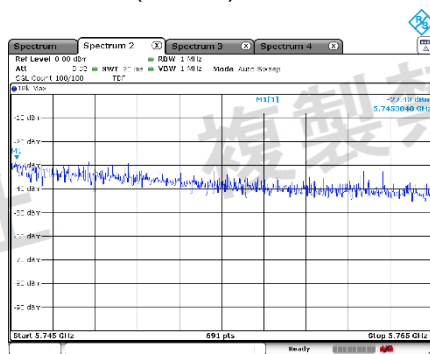
30 MHz ~ 5 460 MHz(Detail)

5 460 ~ 5 470 MHz(Search)



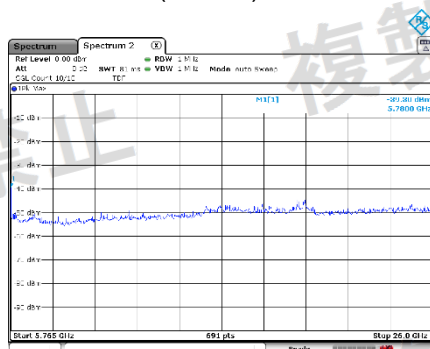
5 460 ~ 5 470 MHz(Detail)

5 745 ~ 5 765 MHz(Search)



5 250 ~ 5 765 MHz(Detail)

5 765 MHz ~ 26 GHz(Search)



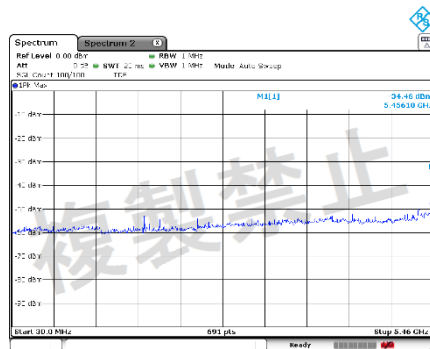
5 765 MHz ~ 26 GHz(Detail)

■ 802.11ax(HE40)

CH Low

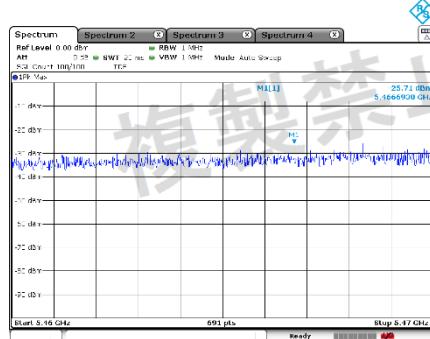
30 MHz ~ 5 460 MHz(Search)

30 MHz ~ 5 460 MHz(Detail)



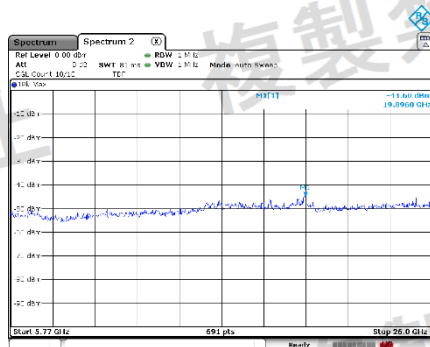
5 460 ~ 5 470 MHz(Search)

5 460 ~ 5 470 MHz(Detail)



5 770 MHz ~ 26 GHz(Search)

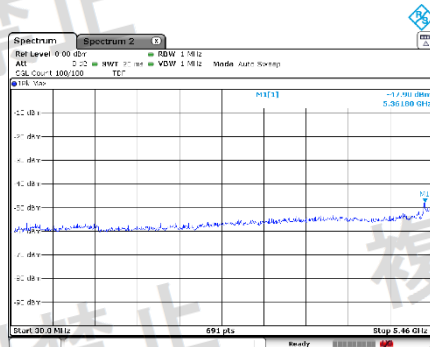
5 770 MHz ~ 26 GHz(Detail)



CH Middle

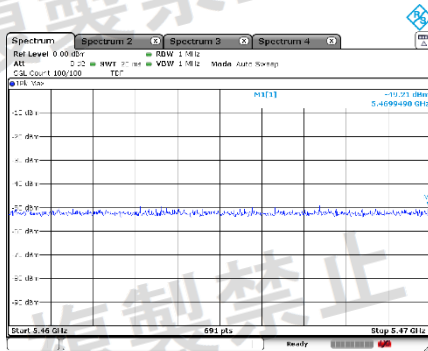
30 MHz ~ 5 460 MHz(Search)

30 MHz ~ 5 460 MHz(Detail)



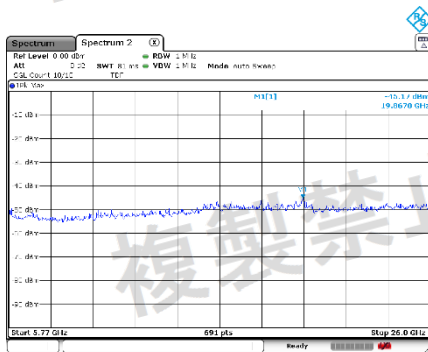


5 460 ~ 5 470 MHz(Search)



5 460 ~ 5 470 MHz(Detail)

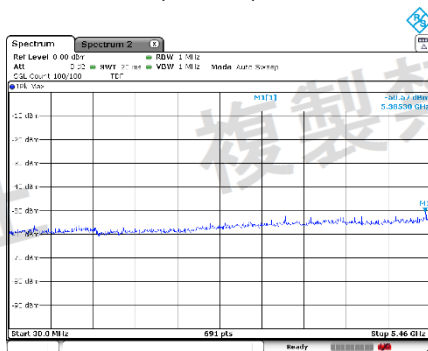
5 770 MHz ~ 26 GHz(Search)



5 770 MHz ~ 26 GHz(Detail)

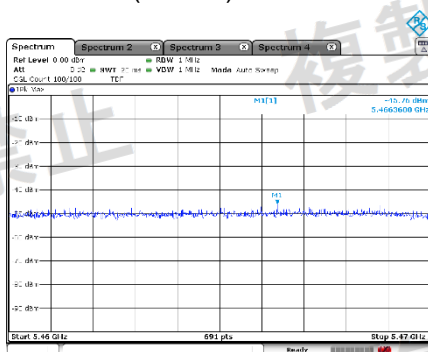
CH High

30 MHz ~ 5 460 MHz(Search)



30 MHz ~ 5 460 MHz(Detail)

5 460 ~ 5 470 MHz(Search)

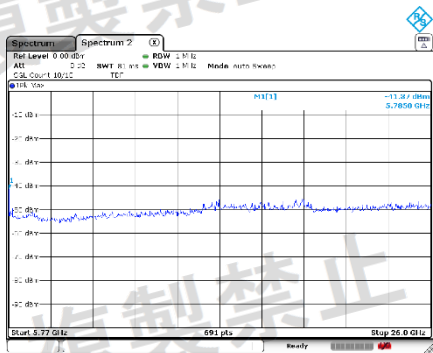


5 460 ~ 5 470 MHz(Detail)



5 770 MHz ~ 26 GHz(Search)

5 770 MHz ~ 26 GHz(Detail)



5.6 Secondly Emitted Radio Wave Strength(RX Spurious Emission)

5.6.1 Measurement Procedure

Connect transmitter output to the spectrum analyzer input port.

Unwanted emission strength is measured by following setting:

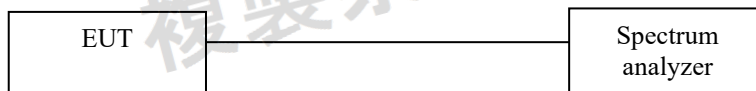
Set the spectrum analyzer RBW: 100 kHz, VBW: 100 kHz, Sweep time: auto
Start: 30 MHz, Stop: 1 GHz. Sweep mode: auto and mark highest level.

Set the spectrum analyzer RBW: 1 MHz, VBW: 1 MHz, Sweep time: auto
Start: 1 GHz, Stop: 26 GHz. Sweep mode: auto and mark highest level.

Detector mode : Positive Peak

Trace mode: Max hold

5.6.2 Test setup



5.6.3 Limit

30 MHz to 1 GHz: 4 nW/MHz

1 GHz to 26 GHz: 20 nW/MHz

5.6.4 Test environment conditions

• Ambient temperature : (20 ~ 22) °C • Relative Humidity : (46 ~ 49) % R.H.

5.6.5 Measurement Result

■W52

■802.11a

Frequency range	Measure value			Limit	Test results
[MHz]	[MHz]	[dBm]	[nw]	[nW]	
Low Channel [5 180 MHz]					
30 MHz ~ 1 GHz	338.10	-75.88	0.026	4	Compliance
1 GHz ~ 26 GHz	4 130.00	-60.90	0.813	20	Compliance
Middle Channel [5 200 MHz]					
30 MHz ~ 1 GHz	380.20	-76.18	0.024	4	Compliance
1 GHz ~ 26 GHz	4 166.00	-60.84	0.824	20	Compliance
High Channel [5 240 MHz]					
30 MHz ~ 1 GHz	380.20	-76.19	0.024	4	Compliance
1 GHz ~ 26 GHz	4 202.00	-60.07	0.984	20	Compliance

■802.11n(HT20)

Frequency range	Measure value			Limit	Test results
[MHz]	[MHz]	[dBm]	[nw]	[nW]	
Low Channel [5 180 MHz]					
30 MHz ~ 1 GHz	377.40	-76.29	0.023	4	Compliance
1 GHz ~ 26 GHz	4 130.00	-61.12	0.773	20	Compliance
Middle Channel [5 200 MHz]					
30 MHz ~ 1 GHz	384.50	-75.97	0.025	4	Compliance
1 GHz ~ 26 GHz	4 166.00	-60.85	0.822	20	Compliance
High Channel [5 240 MHz]					
30 MHz ~ 1 GHz	377.40	-76.08	0.025	4	Compliance
1 GHz ~ 26 GHz	4 202.00	-60.72	0.847	20	Compliance

■802.11n(HT40)

Frequency range	Measure value			Limit	Test results
[MHz]	[MHz]	[dBm]	[nw]	[nW]	
Low Channel [5 190 MHz]					
30 MHz ~ 1 GHz	374.60	-75.63	0.027	4	Compliance
1 GHz ~ 26 GHz	4 166.00	-61.69	0.678	20	Compliance
High Channel [5 230 MHz]					
30 MHz ~ 1 GHz	380.20	-75.27	0.030	4	Compliance
1 GHz ~ 26 GHz	4 202.00	-60.75	0.841	20	Compliance

■802.11ac(VHT20)

Frequency range	Measure value			Limit	Test results
[MHz]	[MHz]	[dBm]	[nw]	[nW]	
Low Channel [5 180 MHz]					
30 MHz ~ 1 GHz	383.00	-75.44	0.029	4	Compliance
1 GHz ~ 26 GHz	4 130.00	-61.42	0.721	20	Compliance
Middle Channel [5 200 MHz]					
30 MHz ~ 1 GHz	374.60	-74.50	0.035	4	Compliance
1 GHz ~ 26 GHz	4 166.00	-61.10	0.776	20	Compliance
High Channel [5 240 MHz]					
30 MHz ~ 1 GHz	348.00	-75.45	0.029	4	Compliance
1 GHz ~ 26 GHz	4 166.00	-60.21	0.953	20	Compliance

■802.11ac(VHT40)

Frequency range	Measure value			Limit	Test results
[MHz]	[MHz]	[dBm]	[nw]	[nW]	
Low Channel [5 190 MHz]					
30 MHz ~ 1 GHz	380.20	-74.93	0.032	4	Compliance
1 GHz ~ 26 GHz	4 166.00	-61.41	0.723	20	Compliance
High Channel [5 230 MHz]					
30 MHz ~ 1 GHz	384.50	-75.33	0.029	4	Compliance
1 GHz ~ 26 GHz	4 202.00	-61.16	0.766	20	Compliance

■802.11ax(HE20)

Frequency range	Measure value			Limit	Test results
[MHz]	[MHz]	[dBm]	[nw]	[nW]	
Low Channel [5 180 MHz]					
30 MHz ~ 1 GHz	395.70	-76.34	0.023	4	Compliance
1 GHz ~ 26 GHz	4 130.00	-61.06	0.783	20	Compliance
Middle Channel [5 200 MHz]					
30 MHz ~ 1 GHz	380.20	-76.31	0.023	4	Compliance
1 GHz ~ 26 GHz	4 166.00	-60.99	0.796	20	Compliance
High Channel [5 240 MHz]					
30 MHz ~ 1 GHz	384.50	-75.92	0.026	4	Compliance
1 GHz ~ 26 GHz	4 202.00	-60.38	0.916	20	Compliance

■802.11ax(HE40)

Frequency range	Measure value			Limit	Test results
[MHz]	[MHz]	[dBm]	[nw]	[nW]	
Low Channel [5 190 MHz]					
30 MHz ~ 1 GHz	342.30	-75.27	0.030	4	Compliance
1 GHz ~ 26 GHz	4 166.00	-61.74	0.670	20	Compliance
High Channel [5 230 MHz]					
30 MHz ~ 1 GHz	380.20	-75.37	0.029	4	Compliance
1 GHz ~ 26 GHz	4 202.00	-60.90	0.813	20	Compliance

■W53

■802.11a

Frequency range	Measure value			Limit	Test results
[MHz]	[MHz]	[dBm]	[nw]	[nW]	
Low Channel [5 260 MHz]					
30 MHz ~ 1 GHz	392.90	-76.12	0.024	4	Compliance
1 GHz ~ 26 GHz	4 202.00	-59.66	1.081	20	Compliance
Middle Channel [5 280 MHz]					
30 MHz ~ 1 GHz	380.20	-75.91	0.026	4	Compliance
1 GHz ~ 26 GHz	4 238.00	-58.96	1.271	20	Compliance
High Channel [5 320 MHz]					
30 MHz ~ 1 GHz	380.20	-75.80	0.026	4	Compliance
1 GHz ~ 26 GHz	4 274.00	-59.19	1.205	20	Compliance

■802.11n(HT20)

Frequency range	Measure value			Limit	Test results
[MHz]	[MHz]	[dBm]	[nw]	[nW]	
Low Channel [5 260 MHz]					
30 MHz ~ 1 GHz	384.50	-75.62	0.027	4	Compliance
1 GHz ~ 26 GHz	4 202.00	-59.71	1.069	20	Compliance
Middle Channel [5 280 MHz]					
30 MHz ~ 1 GHz	390.10	-75.24	0.030	4	Compliance
1 GHz ~ 26 GHz	4 238.00	-59.21	1.199	20	Compliance
High Channel [5 320 MHz]					
30 MHz ~ 1 GHz	383.00	-76.01	0.025	4	Compliance
1 GHz ~ 26 GHz	4 274.00	-59.14	1.219	20	Compliance

■802.11n(HT40)

Frequency range	Measure value			Limit	Test results
[MHz]	[MHz]	[dBm]	[nw]	[nW]	
Low Channel [5 270 MHz]					
30 MHz ~ 1 GHz	380.20	-75.00	0.032	4	Compliance
1 GHz ~ 26 GHz	4 202.00	-59.62	1.091	20	Compliance
High Channel [5 310 MHz]					
30 MHz ~ 1 GHz	387.30	-75.25	0.030	4	Compliance
1 GHz ~ 26 GHz	4 238.00	-59.49	1.125	20	Compliance

■802.11ac(VHT20)

Frequency range	Measure value			Limit	Test results
[MHz]	[MHz]	[dBm]	[nw]	[nW]	
Low Channel [5 260 MHz]					
30 MHz ~ 1 GHz	377.40	-75.54	0.028	4	Compliance
1 GHz ~ 26 GHz	4 202.00	-59.83	1.040	20	Compliance
Middle Channel [5 280 MHz]					
30 MHz ~ 1 GHz	373.20	-75.22	0.030	4	Compliance
1 GHz ~ 26 GHz	4 238.00	-59.08	1.236	20	Compliance
High Channel [5 320 MHz]					
30 MHz ~ 1 GHz	387.30	-75.78	0.026	4	Compliance
1 GHz ~ 26 GHz	4 274.00	-59.88	1.028	20	Compliance

■802.11ac(VHT40)

Frequency range	Measure value			Limit	Test results
[MHz]	[MHz]	[dBm]	[nw]	[nW]	
Low Channel [5 270 MHz]					
30 MHz ~ 1 GHz	374.60	-75.83	0.026	4	Compliance
1 GHz ~ 26 GHz	4 202.00	-59.72	1.067	20	Compliance
High Channel [5 310 MHz]					
30 MHz ~ 1 GHz	374.60	-75.65	0.027	4	Compliance
1 GHz ~ 26 GHz	4 238.00	-59.51	1.119	20	Compliance

■802.11ax(HE20)

Frequency range	Measure value			Limit	Test results
[MHz]	[MHz]	[dBm]	[nw]	[nW]	
Low Channel [5 260 MHz]					
30 MHz ~ 1 GHz	384.50	-75.97	0.025	4	Compliance
1 GHz ~ 26 GHz	4 202.00	-59.85	1.035	20	Compliance
Middle Channel [5 280 MHz]					
30 MHz ~ 1 GHz	387.30	-74.19	0.038	4	Compliance
1 GHz ~ 26 GHz	4 238.00	-59.18	1.208	20	Compliance
High Channel [5 320 MHz]					
30 MHz ~ 1 GHz	373.20	-73.91	0.041	4	Compliance
1 GHz ~ 26 GHz	4 274.00	-59.45	1.135	20	Compliance

■802.11ax(HE40)

Frequency range	Measure value			Limit	Test results
[MHz]	[MHz]	[dBm]	[nW]	[nW]	
Low Channel [5 270 MHz]					
30 MHz ~ 1 GHz	338.10	-75.21	0.030	4	Compliance
1 GHz ~ 26 GHz	4 202.00	-59.68	1.076	20	Compliance
High Channel [5 310 MHz]					
30 MHz ~ 1 GHz	374.60	-74.96	0.032	4	Compliance
1 GHz ~ 26 GHz	4 238.00	-59.73	1.064	20	Compliance

■W56

■802.11a

Frequency range	Measure value			Limit	Test results
[MHz]	[MHz]	[dBm]	[nw]	[nW]	
Low Channel [5 500 MHz]					
30 MHz ~ 1 GHz	384.50	-75.96	0.025	4	Compliance
1 GHz ~ 26 GHz	4 383.00	-60.59	0.873	20	Compliance
Middle Channel [5 600 MHz]					
30 MHz ~ 1 GHz	383.00	-75.78	0.026	4	Compliance
1 GHz ~ 26 GHz	4 491.00	-61.26	0.748	20	Compliance
High Channel [5 720 MHz]					
30 MHz ~ 1 GHz	380.20	-75.66	0.027	4	Compliance
1 GHz ~ 26 GHz	4 564.00	-64.57	0.349	20	Compliance

■802.11n(HT20)

Frequency range	Measure value			Limit	Test results
[MHz]	[MHz]	[dBm]	[nw]	[nW]	
Low Channel [5 500 MHz]					
30 MHz ~ 1 GHz	380.20	-75.49	0.028	4	Compliance
1 GHz ~ 26 GHz	4 383.00	-60.23	0.948	20	Compliance
Middle Channel [5 600 MHz]					
30 MHz ~ 1 GHz	377.40	-75.53	0.028	4	Compliance
1 GHz ~ 26 GHz	4 491.00	-61.95	0.638	20	Compliance
High Channel [5 720 MHz]					
30 MHz ~ 1 GHz	380.20	-74.21	0.038	4	Compliance
1 GHz ~ 26 GHz	4 564.00	-64.41	0.362	20	Compliance

■802.11n(HT40)

Frequency range	Measure value			Limit	Test results
[MHz]	[MHz]	[dBm]	[nw]	[nW]	
Low Channel [5 510 MHz]					
30 MHz ~ 1 GHz	374.60	-74.85	0.033	4	Compliance
1 GHz ~ 26 GHz	4 419.00	-60.61	0.869	20	Compliance
Middle Channel [5 590 MHz]					
30 MHz ~ 1 GHz	384.50	-75.16	0.030	4	Compliance
1 GHz ~ 26 GHz	4 455.00	-61.33	0.736	20	Compliance
High Channel [5 710 MHz]					
30 MHz ~ 1 GHz	374.60	-75.45	0.029	4	Compliance
1 GHz ~ 26 GHz	4 564.00	-64.64	0.344	20	Compliance

■802.11ac(VHT20)

Frequency range	Measure value			Limit	Test results
[MHz]	[MHz]	[dBm]	[nw]	[nW]	
Low Channel [5 500 MHz]					
30 MHz ~ 1 GHz	387.30	-76.31	0.023	4	Compliance
1 GHz ~ 26 GHz	4 383.00	-60.49	0.893	20	Compliance
Middle Channel [5 600 MHz]					
30 MHz ~ 1 GHz	374.60	-75.02	0.031	4	Compliance
1 GHz ~ 26 GHz	4 491.00	-61.96	0.637	20	Compliance
High Channel [5 720 MHz]					
30 MHz ~ 1 GHz	373.20	-74.66	0.034	4	Compliance
1 GHz ~ 26 GHz	4 564.00	-64.27	0.374	20	Compliance

■802.11ac(VHT40)

Frequency range	Measure value			Limit	Test results
[MHz]	[MHz]	[dBm]	[nw]	[nW]	
Low Channel [5 510 MHz]					
30 MHz ~ 1 GHz	390.10	-75.19	0.030	4	Compliance
1 GHz ~ 26 GHz	4 419.00	-60.62	0.867	20	Compliance
Middle Channel [5 590 MHz]					
30 MHz ~ 1 GHz	380.20	-75.20	0.030	4	Compliance
1 GHz ~ 26 GHz	4 455.00	-61.75	0.668	20	Compliance
High Channel [5 710 MHz]					
30 MHz ~ 1 GHz	380.20	-74.81	0.033	4	Compliance
1 GHz ~ 26 GHz	4 564.00	-64.29	0.372	20	Compliance

■802.11ax(HE20)

Frequency range	Measure value			Limit	Test results
[MHz]	[MHz]	[dBm]	[nw]	[nW]	
Low Channel [5 500 MHz]					
30 MHz ~ 1 GHz	380.20	-74.70	0.034	4	Compliance
1 GHz ~ 26 GHz	4 383.00	-60.68	0.855	20	Compliance
Middle Channel [5 600 MHz]					
30 MHz ~ 1 GHz	374.60	-74.83	0.033	4	Compliance
1 GHz ~ 26 GHz	4 491.00	-61.91	0.644	20	Compliance
High Channel [5 720 MHz]					
30 MHz ~ 1 GHz	373.20	-75.25	0.030	4	Compliance
1 GHz ~ 26 GHz	4 564.00	-64.66	0.342	20	Compliance

■802.11ax(HE40)

Frequency range	Measure value			Limit	Test results
[MHz]	[MHz]	[dBm]	[nw]	[nW]	
Low Channel [5 510 MHz]					
30 MHz ~ 1 GHz	384.50	-75.36	0.029	4	Compliance
1 GHz ~ 26 GHz	4 419.00	-60.49	0.893	20	Compliance
Middle Channel [5 590 MHz]					
30 MHz ~ 1 GHz	374.60	-75.06	0.031	4	Compliance
1 GHz ~ 26 GHz	4 455.00	-61.67	0.681	20	Compliance
High Channel [5 710 MHz]					
30 MHz ~ 1 GHz	380.20	-75.10	0.031	4	Compliance
1 GHz ~ 26 GHz	4 564.00	-64.66	0.342	20	Compliance

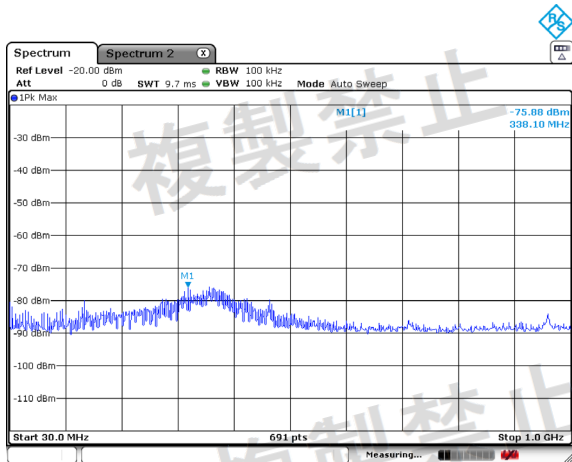
5.6.6 Test Plot

■ W52

■ 802.11a

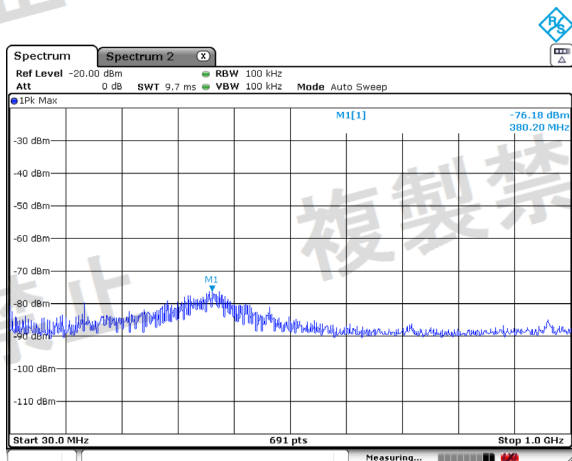
CH Low

30 MHz ~ 1 GHz



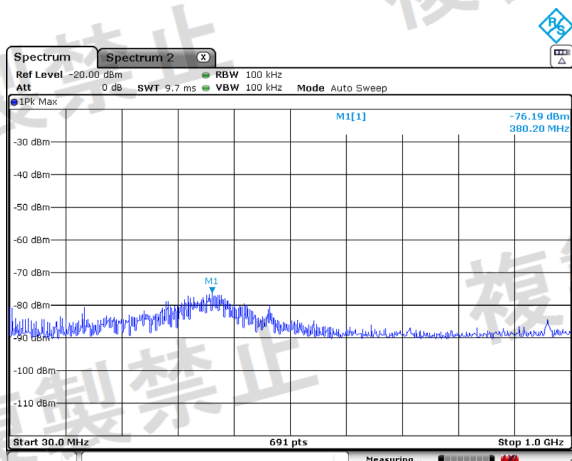
CH Mid

30 MHz ~ 1 GHz

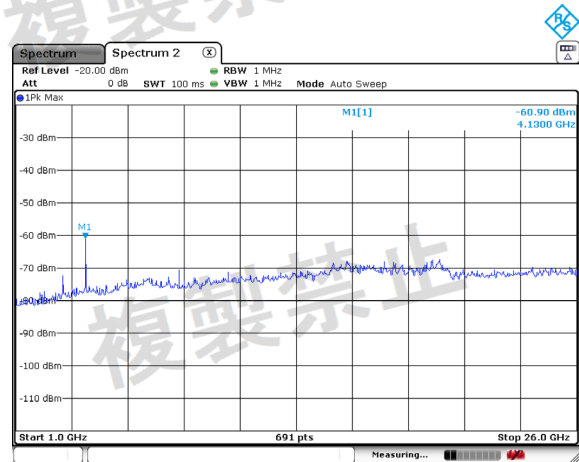


CH High

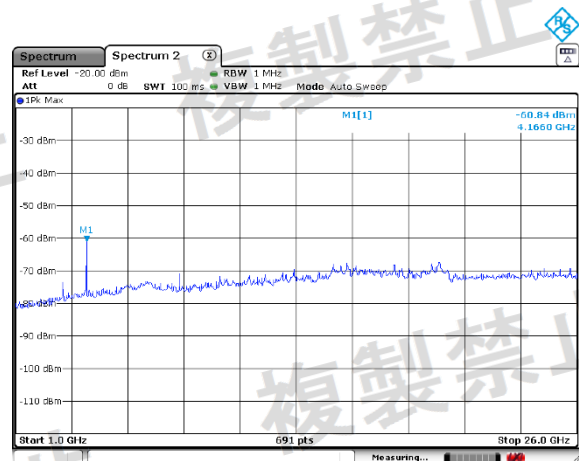
30 MHz ~ 1 GHz



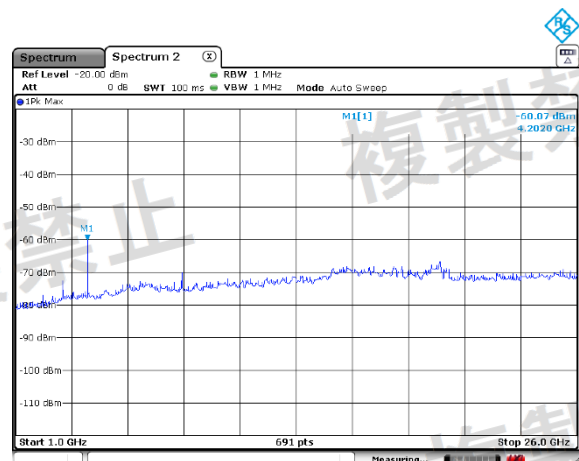
1 GHz ~ 26 GHz



1 GHz ~ 26 GHz



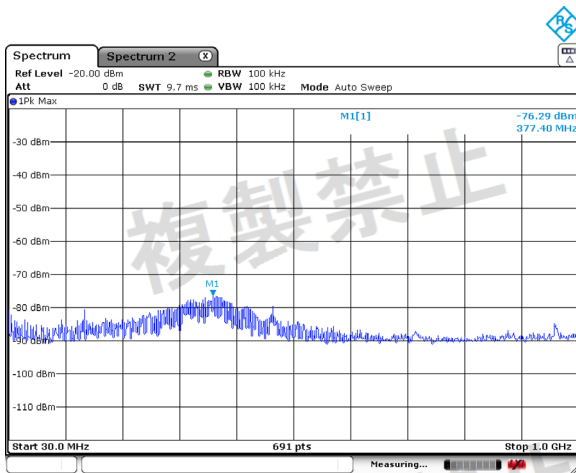
1 GHz ~ 26 GHz



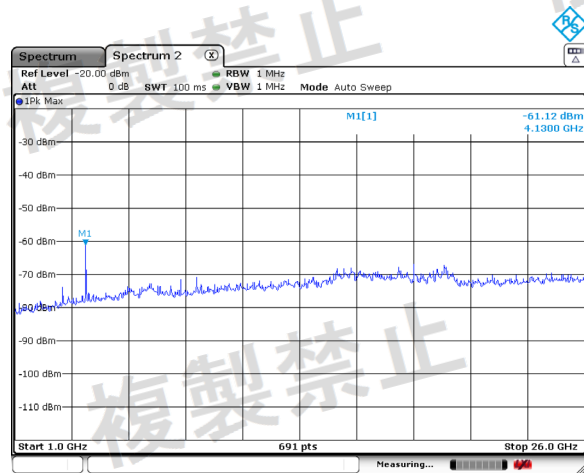
802.11n(HT20)

CH Low

30 MHz ~ 1 GHz

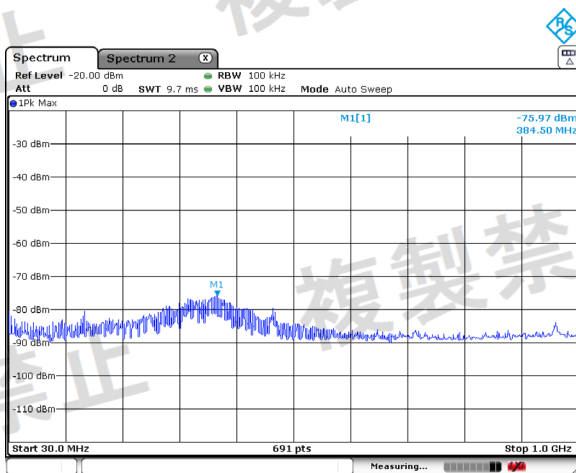


1 GHz ~ 26 GHz

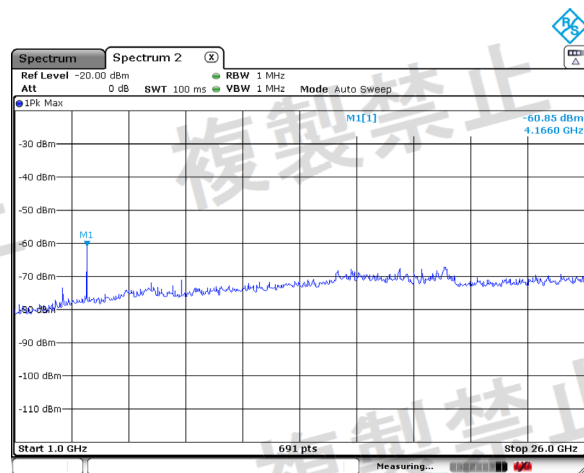


CH Mid

30 MHz ~ 1 GHz

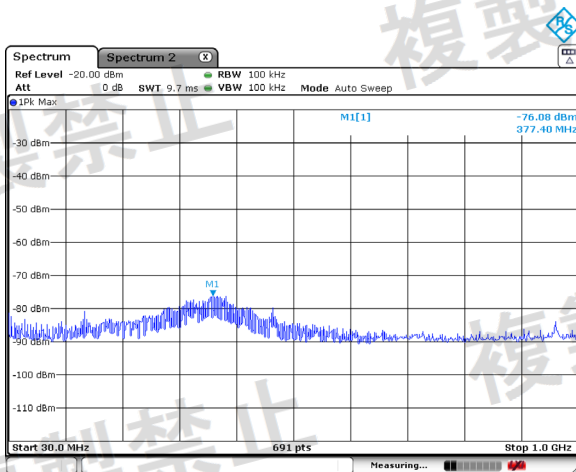


1 GHz ~ 26 GHz

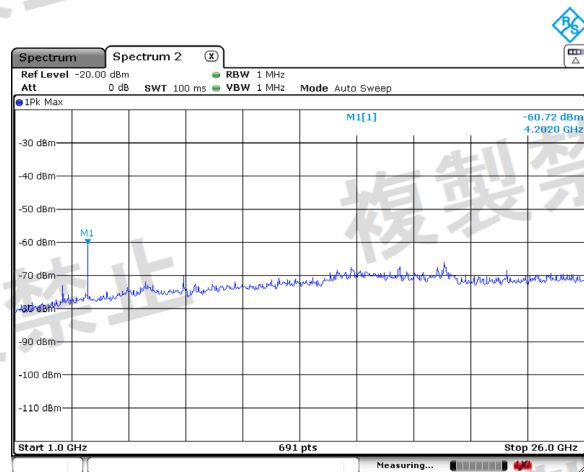


CH High

30 MHz ~ 1 GHz



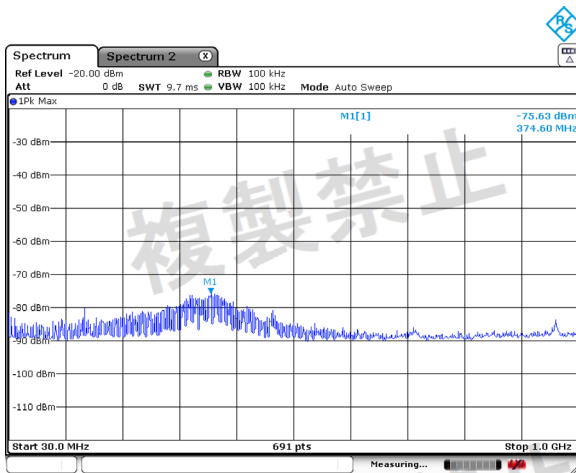
1 GHz ~ 26 GHz



802.11n(HT40)

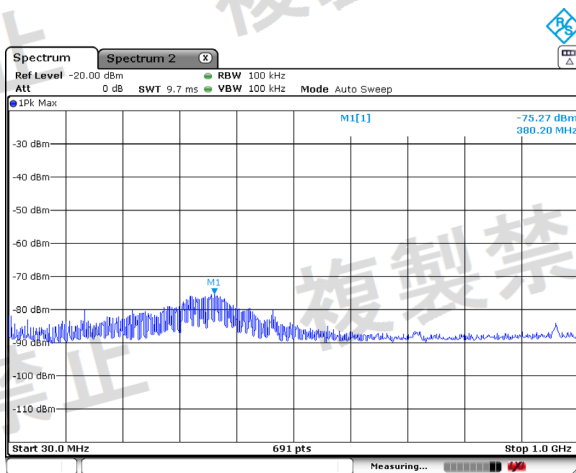
CH Low

30 MHz ~ 1 GHz

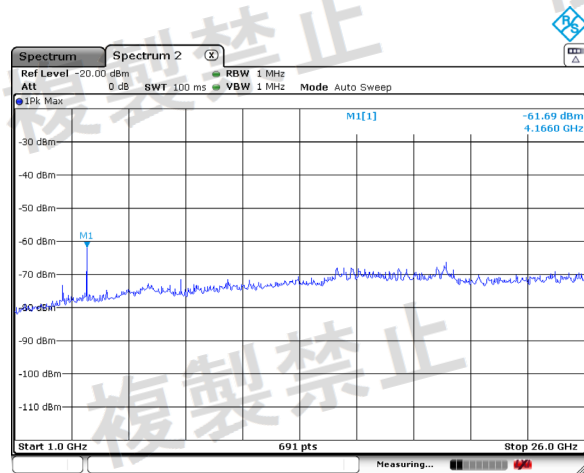


CH High

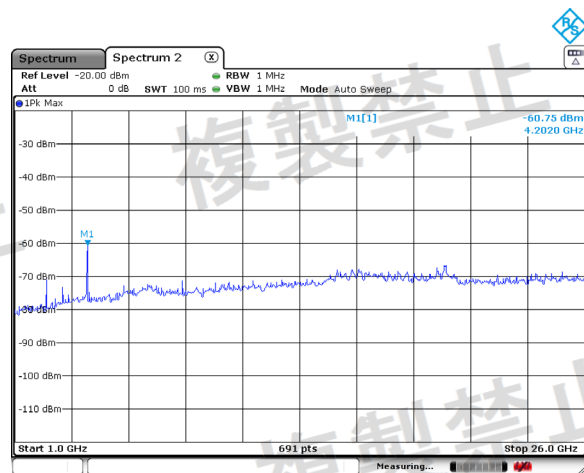
30 MHz ~ 1 GHz



1 GHz ~ 26 GHz



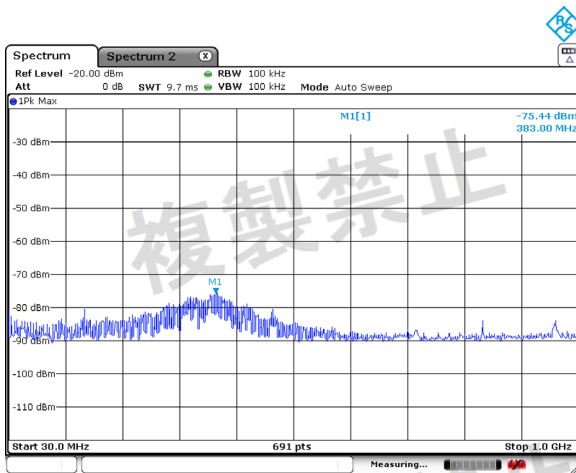
1 GHz ~ 26 GHz



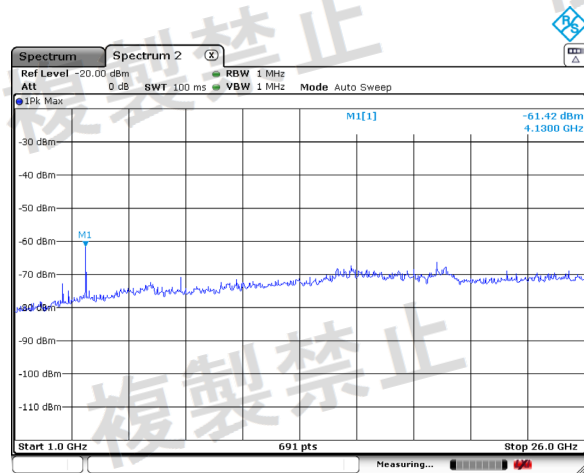
802.11ac(VHT20)

CH Low

30 MHz ~ 1 GHz

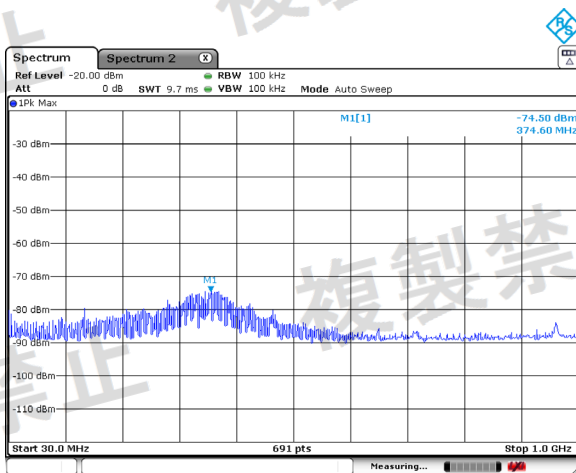


1 GHz ~ 26 GHz

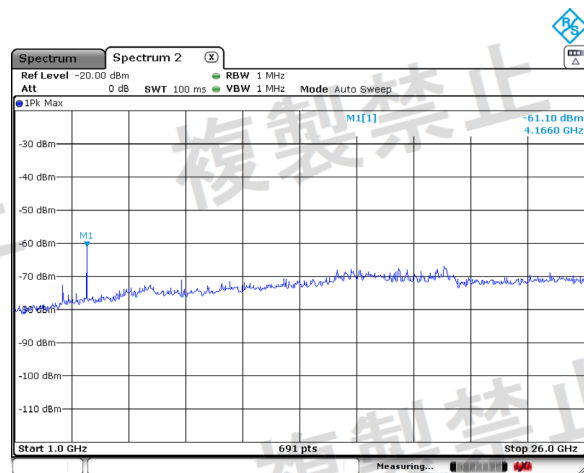


CH Mid

30 MHz ~ 1 GHz

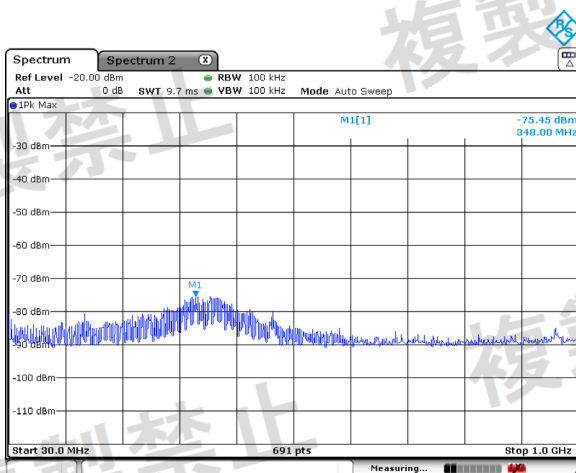


1 GHz ~ 26 GHz

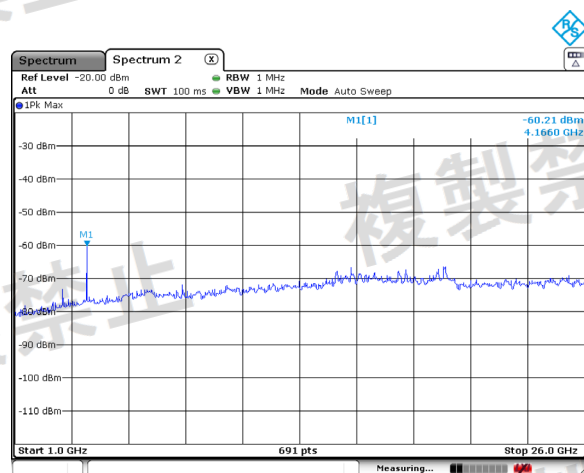


CH High

30 MHz ~ 1 GHz



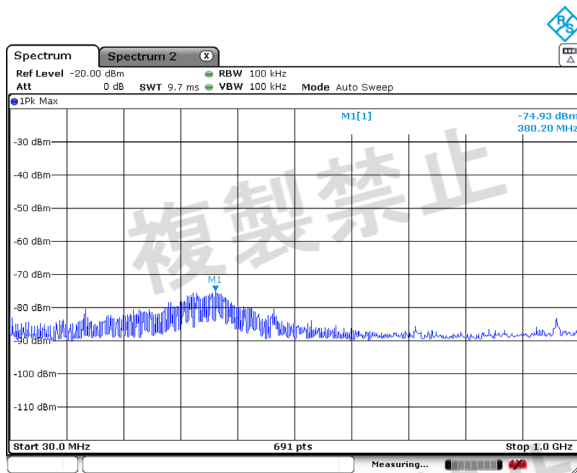
1 GHz ~ 26 GHz



802.11ac(VHT40)

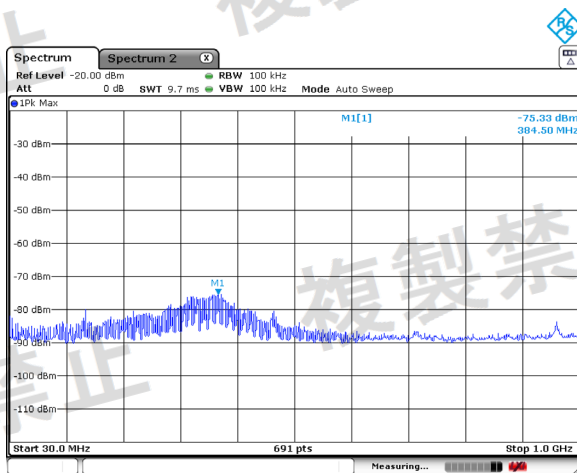
CH Low

30 MHz ~ 1 GHz

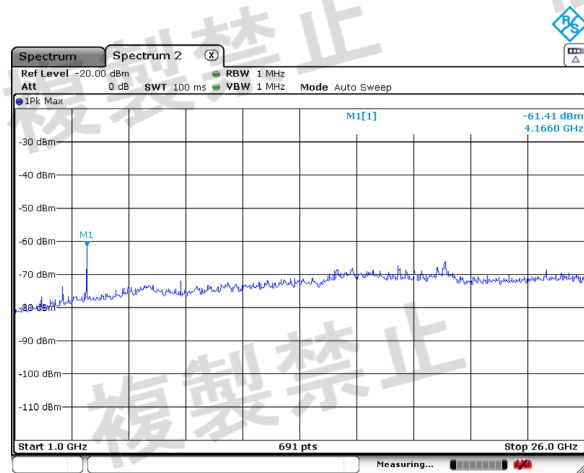


CH High

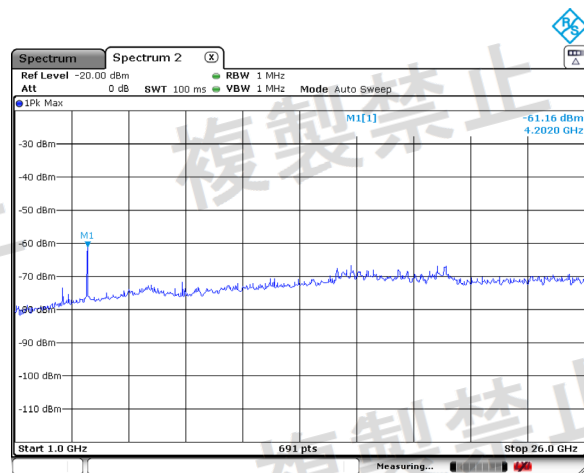
30 MHz ~ 1 GHz



1 GHz ~ 26 GHz



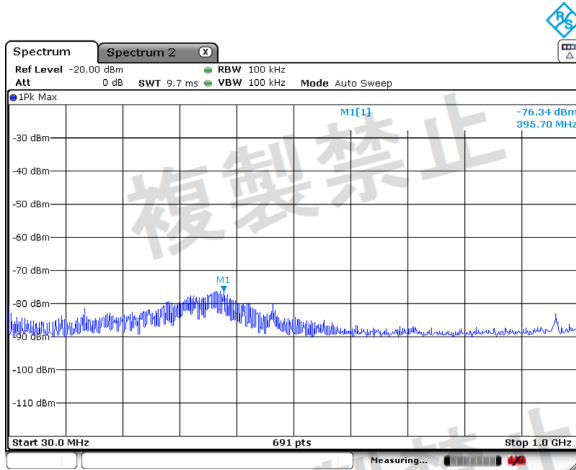
1 GHz ~ 26 GHz



802.11ax(HE20)

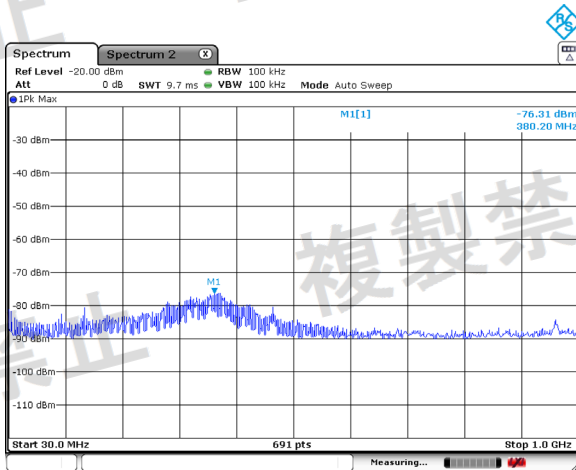
CH Low

30 MHz ~ 1 GHz



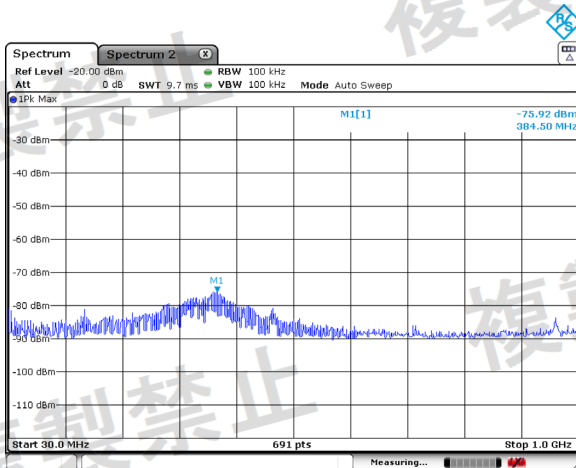
CH Mid

30 MHz ~ 1 GHz

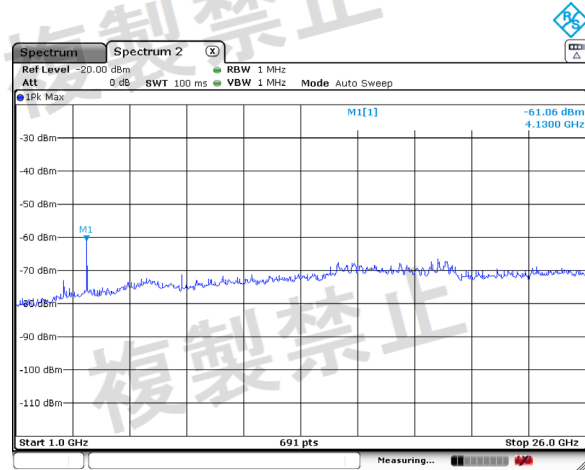


CH High

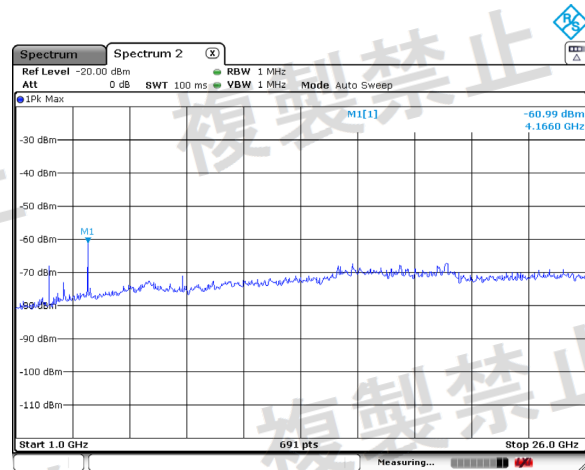
30 MHz ~ 1 GHz



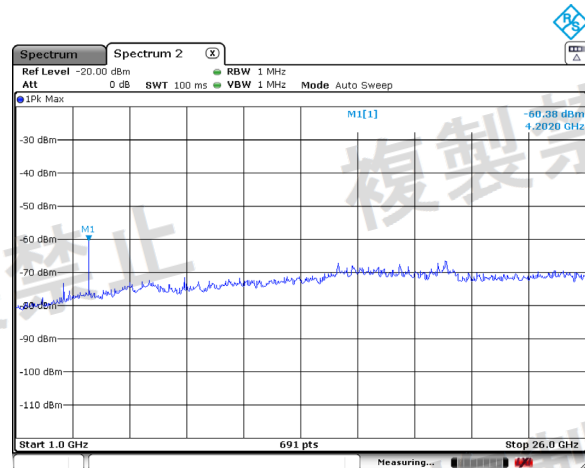
1 GHz ~ 26 GHz



1 GHz ~ 26 GHz



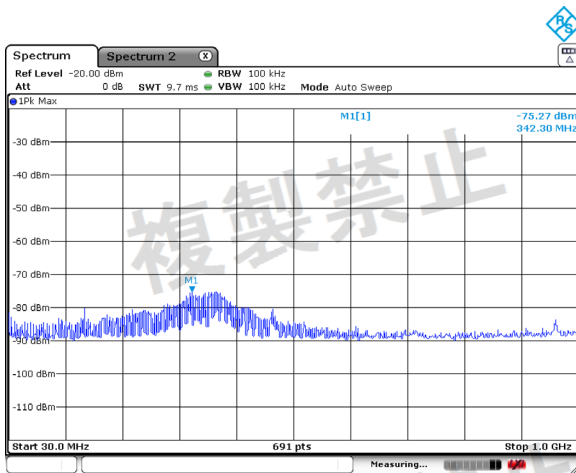
1 GHz ~ 26 GHz



■ 802.11ax(HE40)

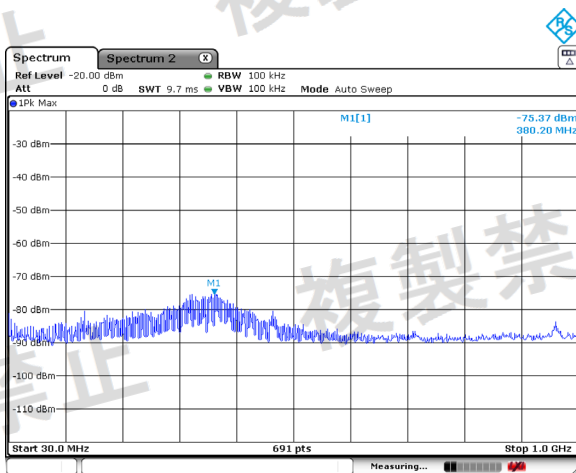
CH Low

30 MHz ~ 1 GHz

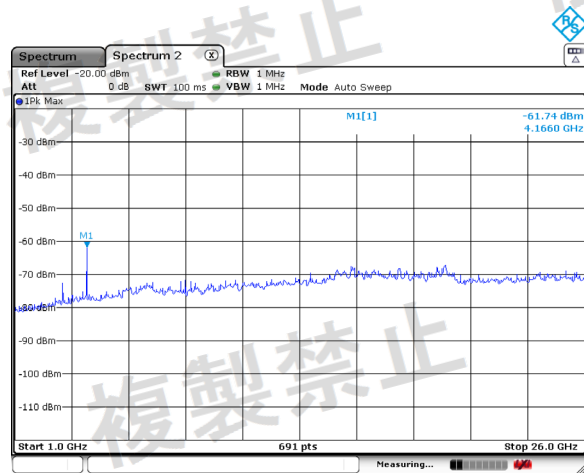


CH High

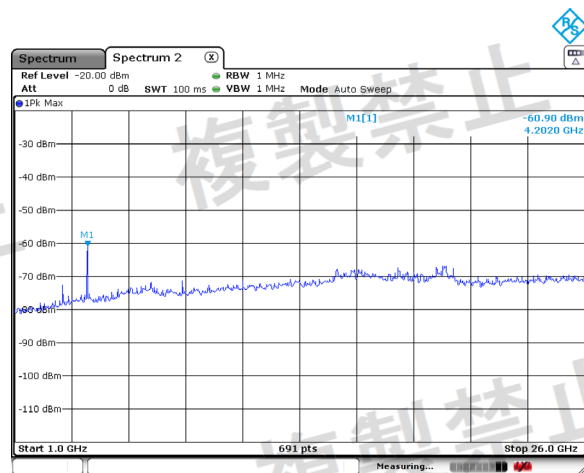
30 MHz ~ 1 GHz



1 GHz ~ 26 GHz



1 GHz ~ 26 GHz

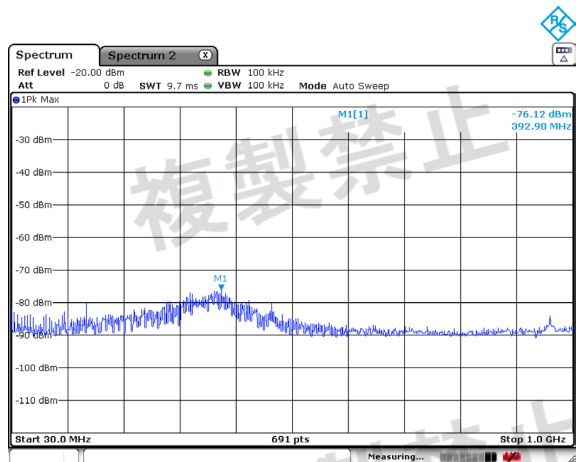


■ W53

■ 802.11a

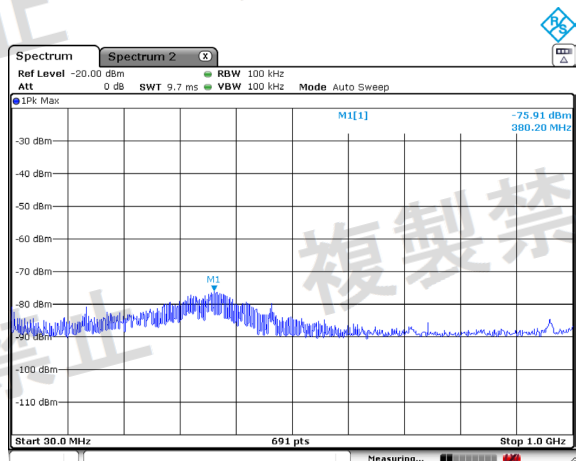
CH Low

30 MHz ~ 1 GHz



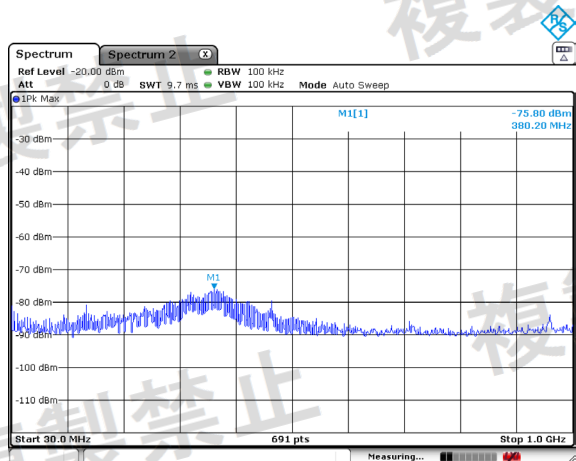
CH Mid

30 MHz ~ 1 GHz

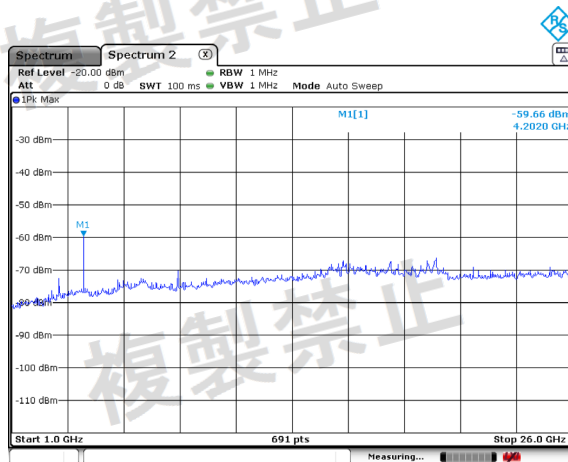


CH High

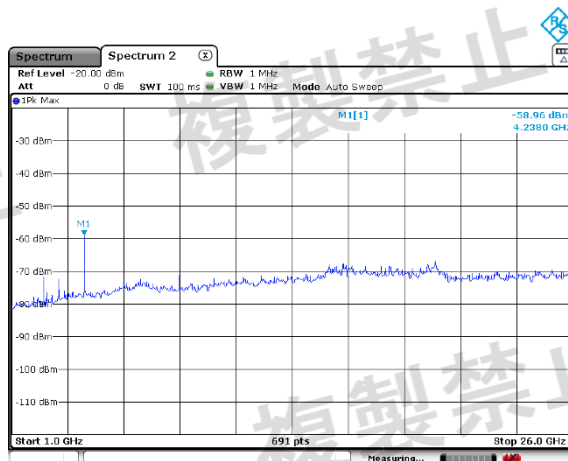
30 MHz ~ 1 GHz



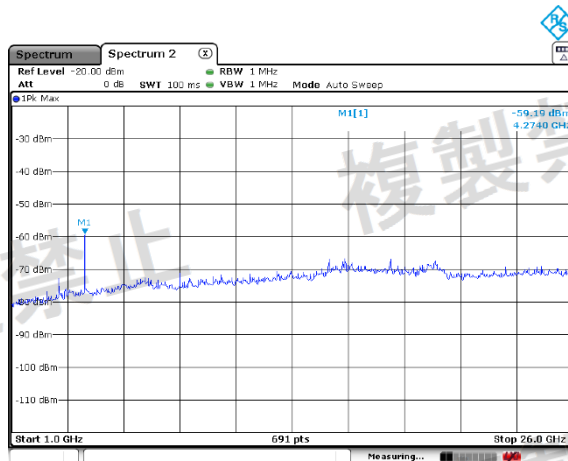
1 GHz ~ 26 GHz



1 GHz ~ 26 GHz



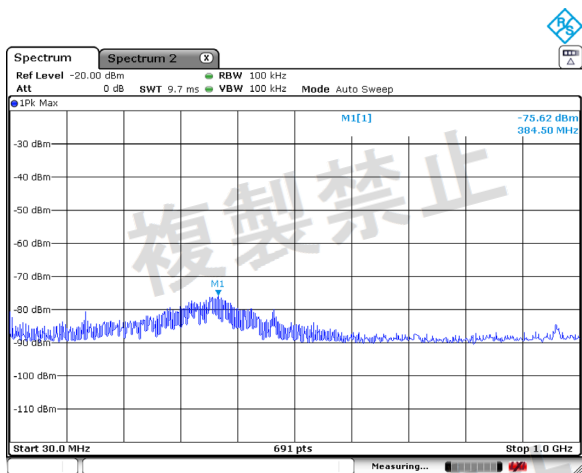
1 GHz ~ 26 GHz



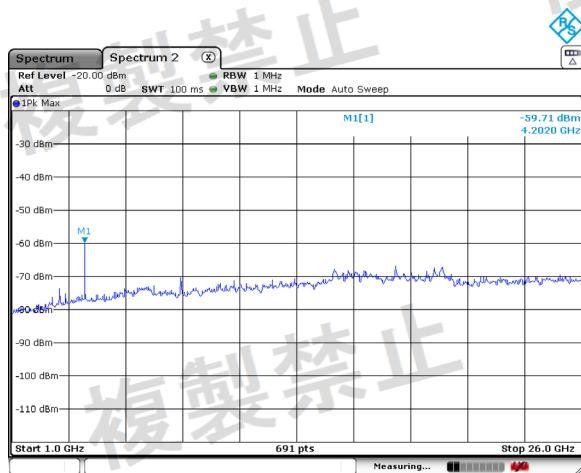
802.11n(HT20)

CH Low

30 MHz ~ 1 GHz

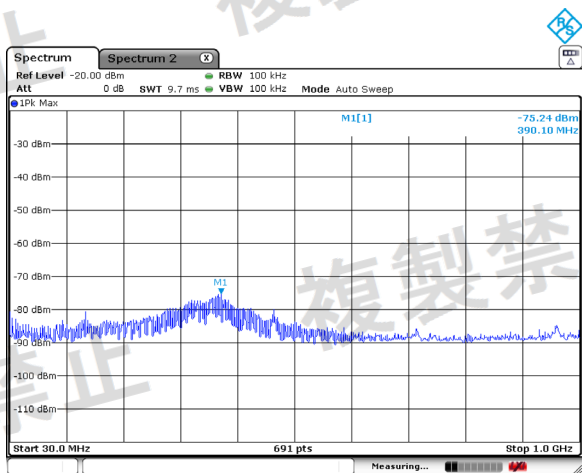


1 GHz ~ 26 GHz

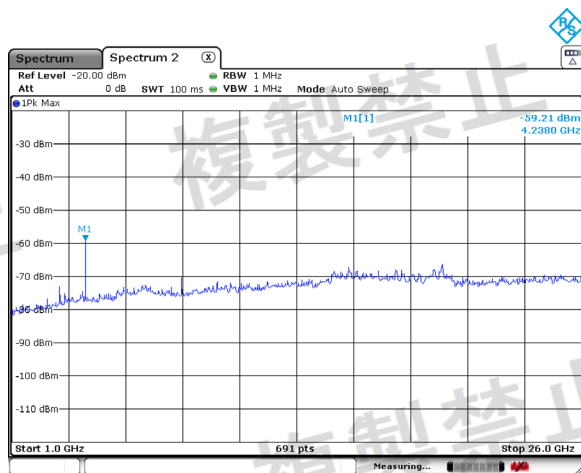


CH Mid

30 MHz ~ 1 GHz

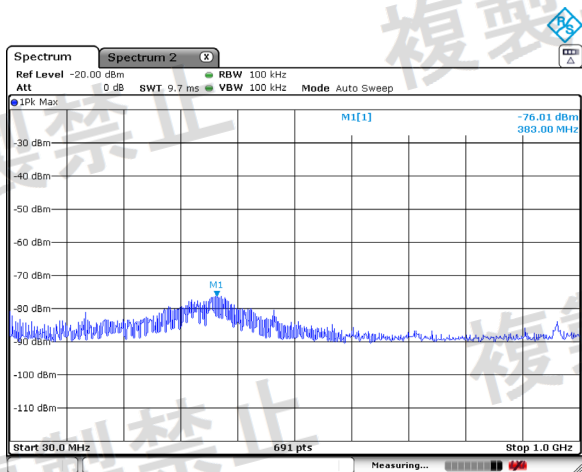


1 GHz ~ 26 GHz

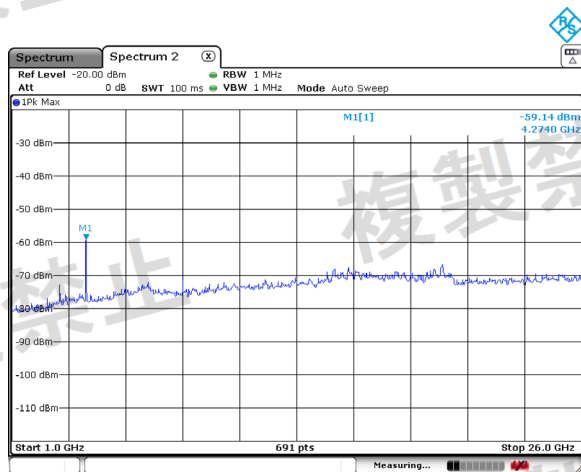


CH High

30 MHz ~ 1 GHz



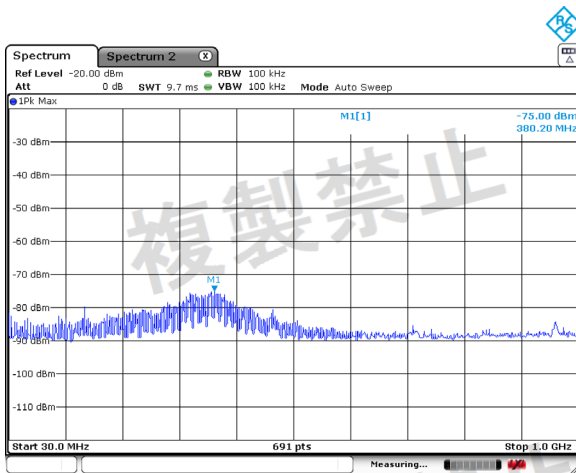
1 GHz ~ 26 GHz



802.11n(HT40)

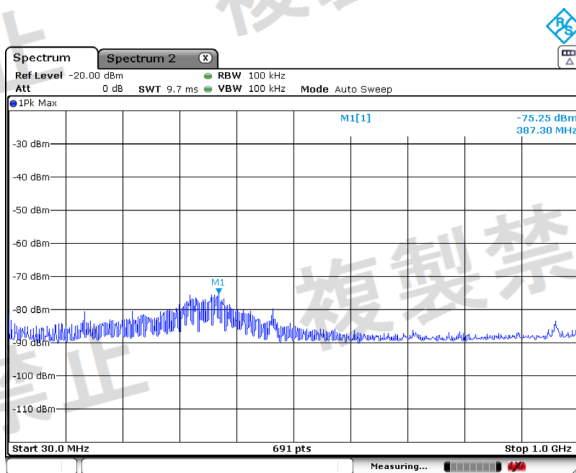
CH Low

30 MHz ~ 1 GHz

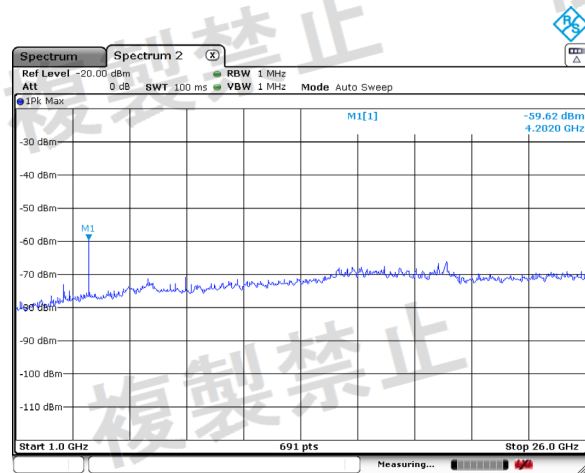


CH High

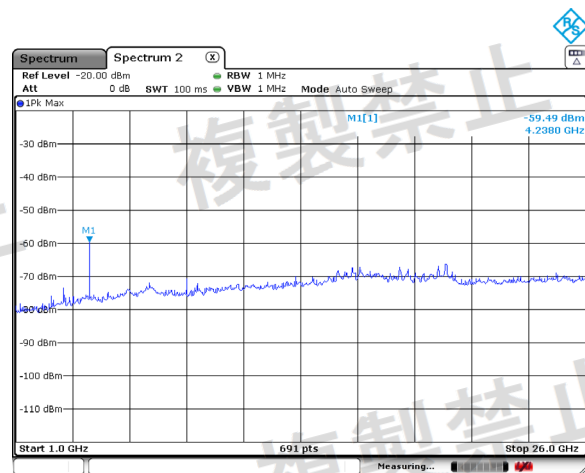
30 MHz ~ 1 GHz



1 GHz ~ 26 GHz



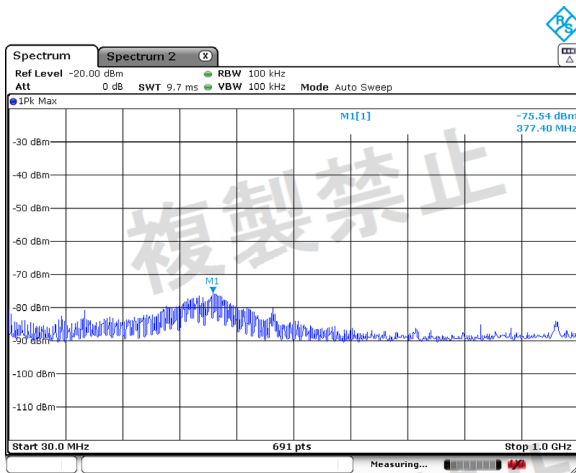
1 GHz ~ 26 GHz



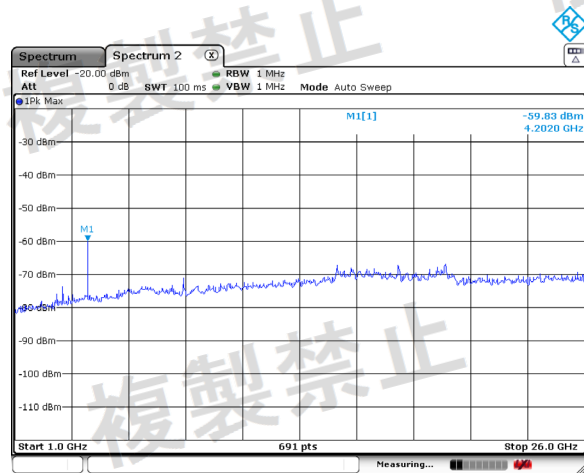
■ 802.11ac(VHT20)

CH Low

30 MHz ~ 1 GHz

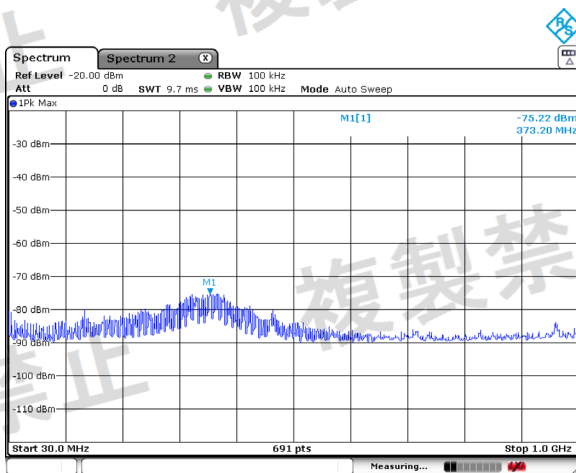


1 GHz ~ 26 GHz

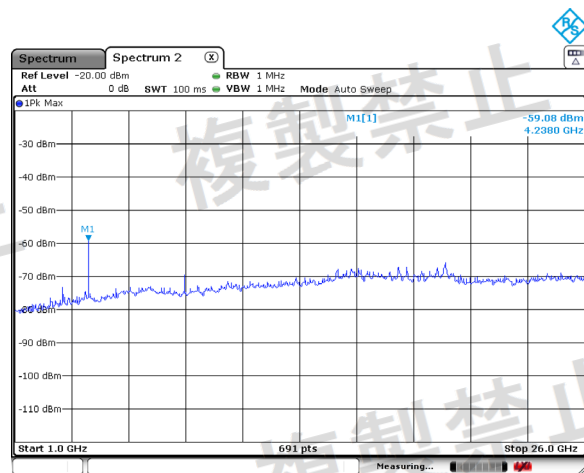


CH Mid

30 MHz ~ 1 GHz

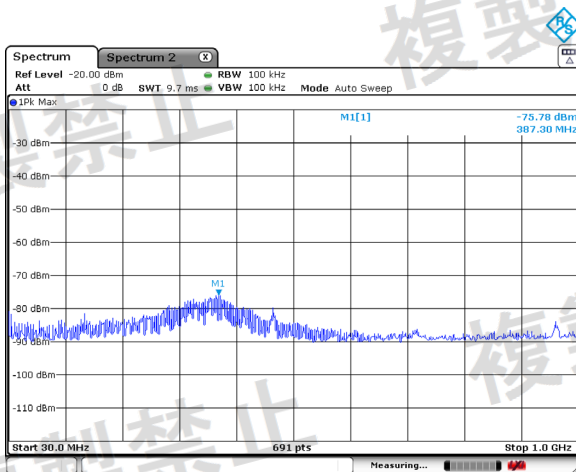


1 GHz ~ 26 GHz

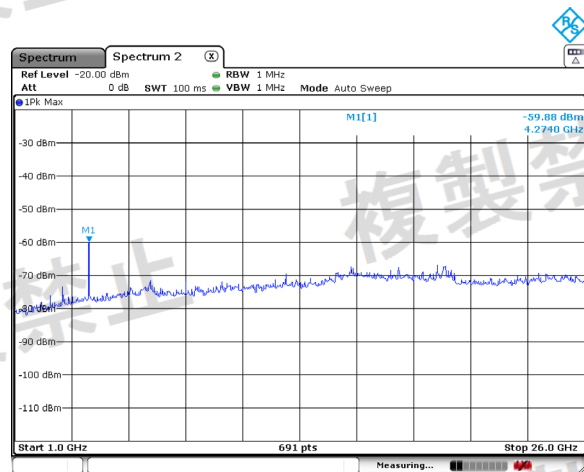


CH High

30 MHz ~ 1 GHz



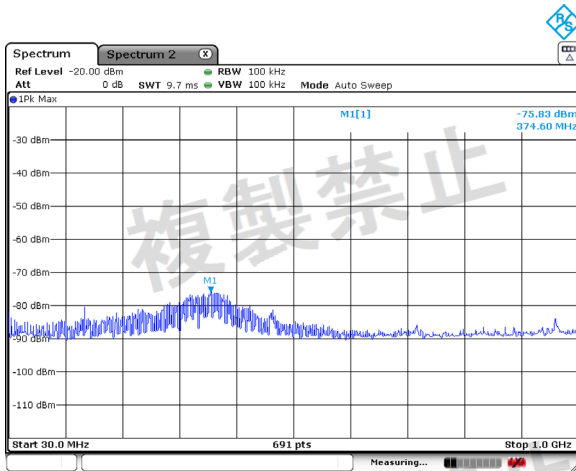
1 GHz ~ 26 GHz



802.11ac(VHT40)

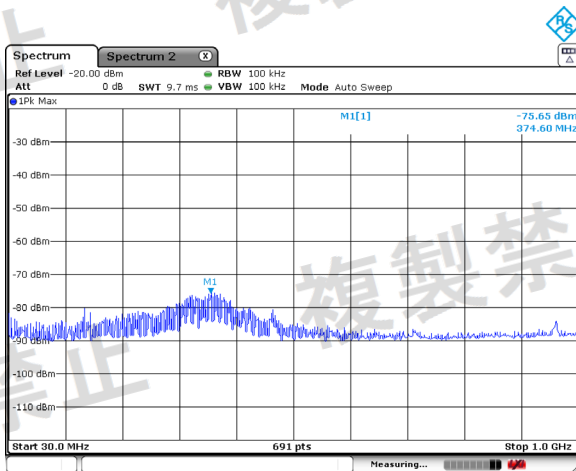
CH Low

30 MHz ~ 1 GHz

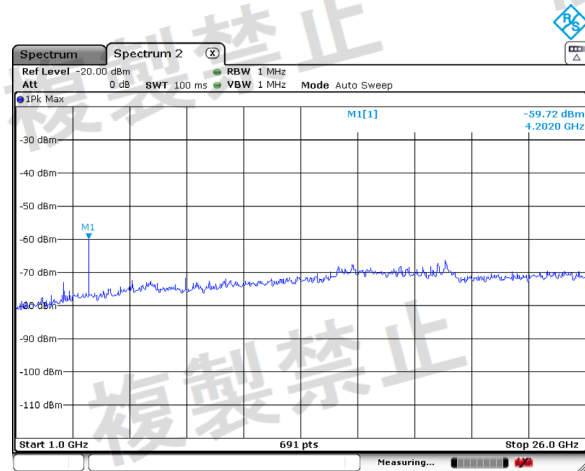


CH High

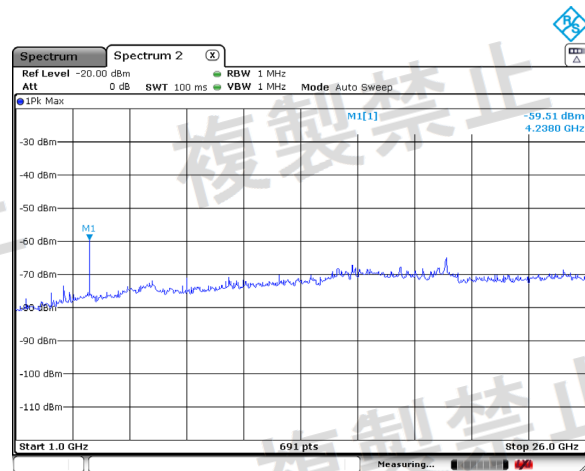
30 MHz ~ 1 GHz



1 GHz ~ 26 GHz



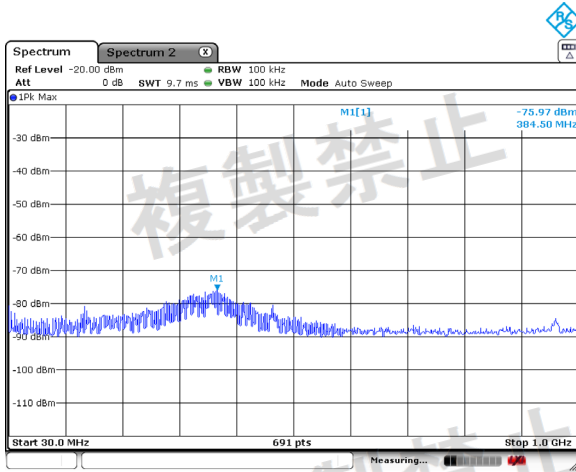
1 GHz ~ 26 GHz



802.11ax(HE20)

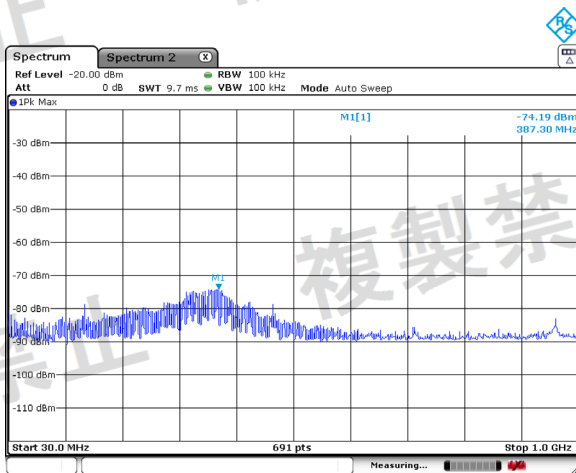
CH Low

30 MHz ~ 1 GHz



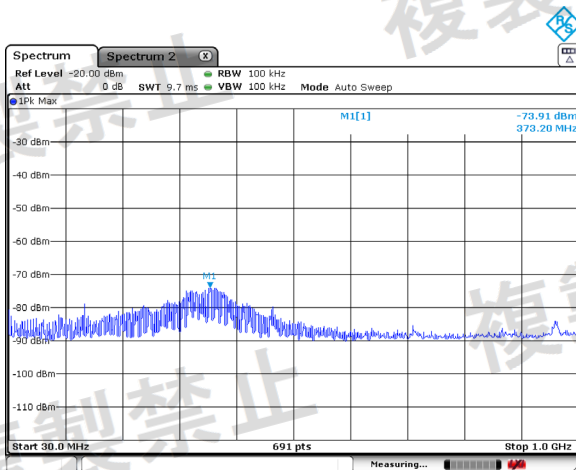
CH Mid

30 MHz ~ 1 GHz

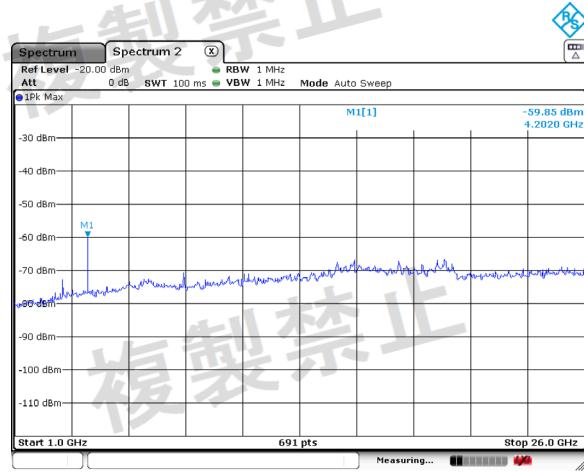


CH High

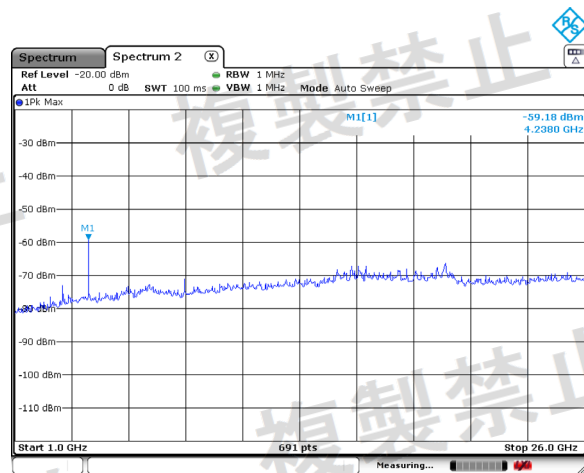
30 MHz ~ 1 GHz



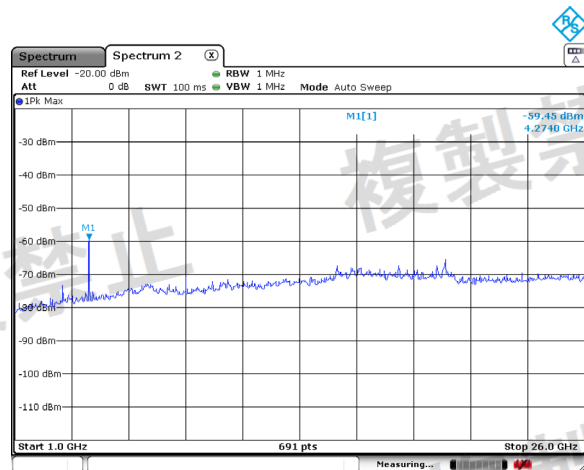
1 GHz ~ 26 GHz



1 GHz ~ 26 GHz



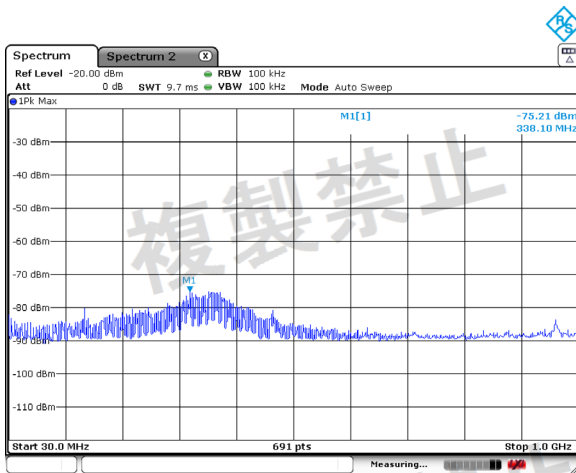
1 GHz ~ 26 GHz



■802.11ax(HE40)

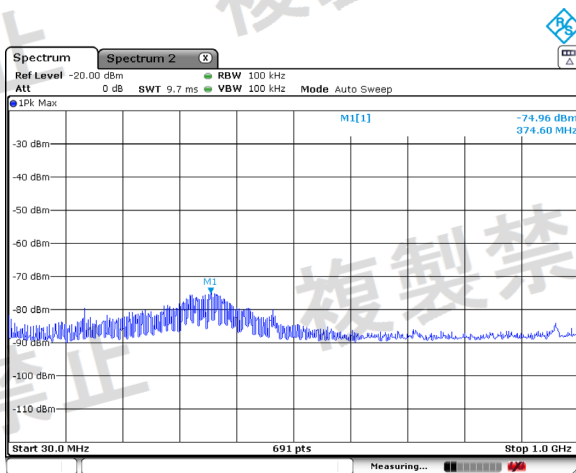
CH Low

30 MHz ~ 1 GHz

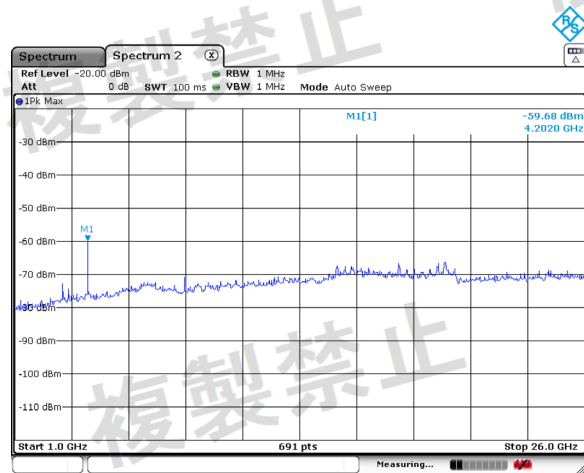


CH High

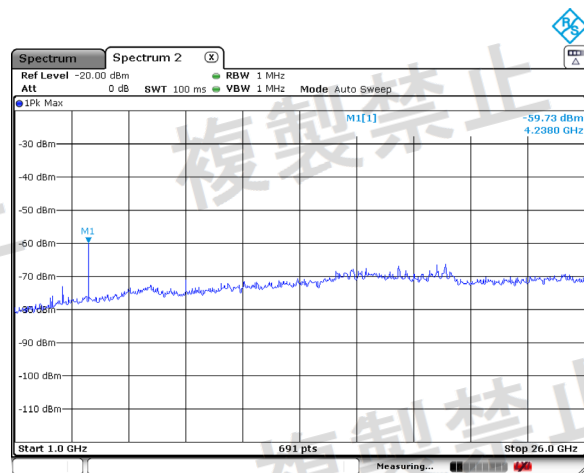
30 MHz ~ 1 GHz



1 GHz ~ 26 GHz



1 GHz ~ 26 GHz

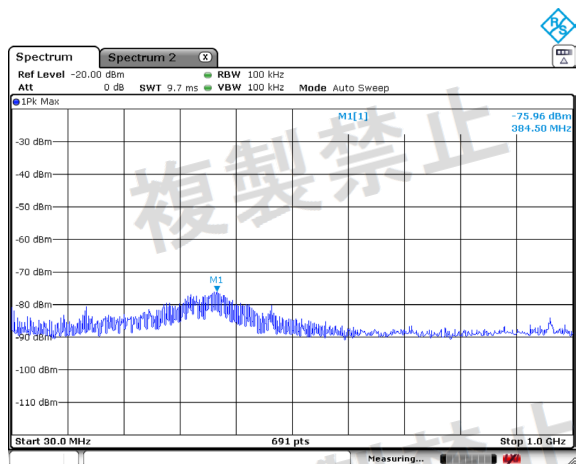


■ W56

■ 802.11a

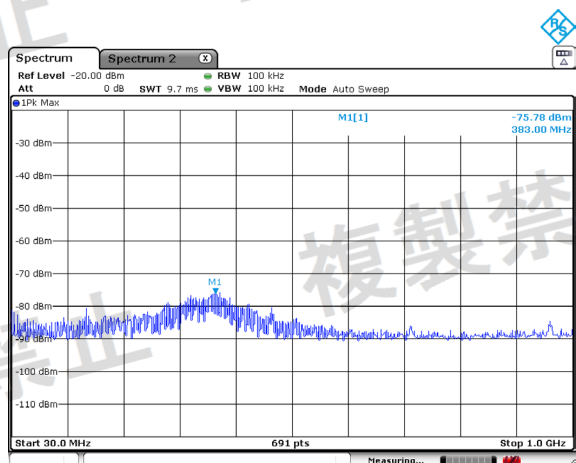
CH Low

30 MHz ~ 1 GHz



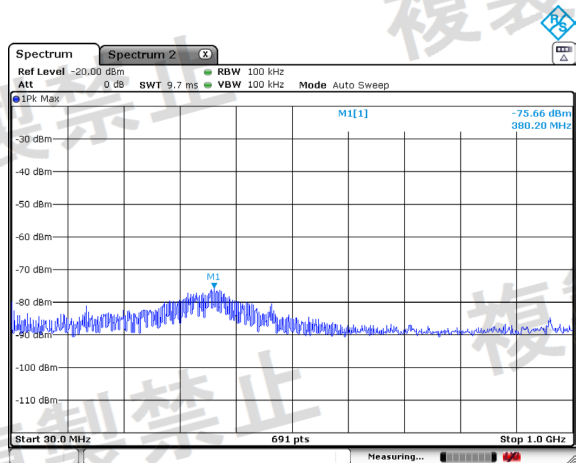
CH Mid

30 MHz ~ 1 GHz

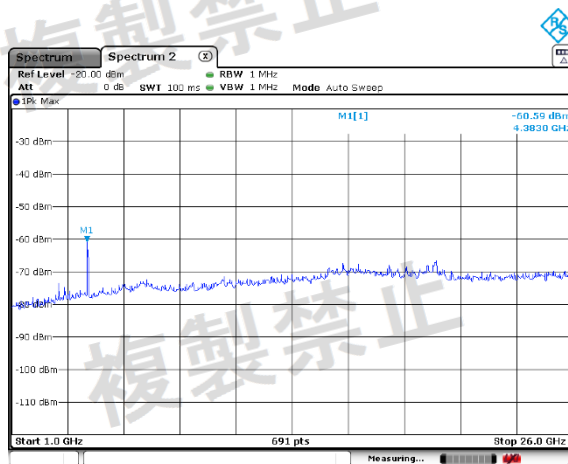


CH High

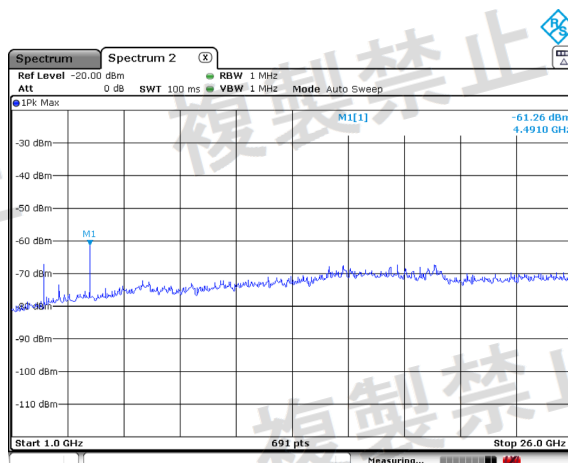
30 MHz ~ 1 GHz



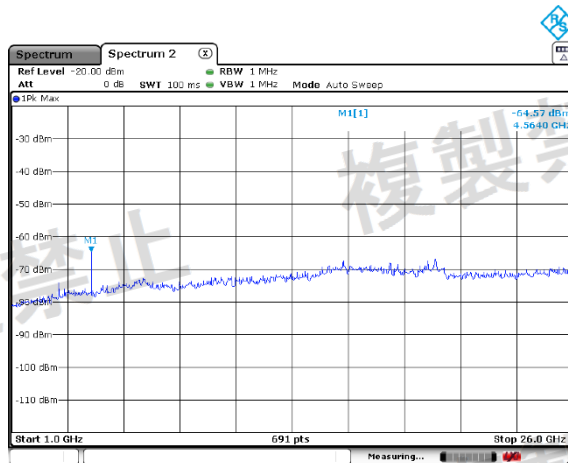
1 GHz ~ 26 GHz



1 GHz ~ 26 GHz



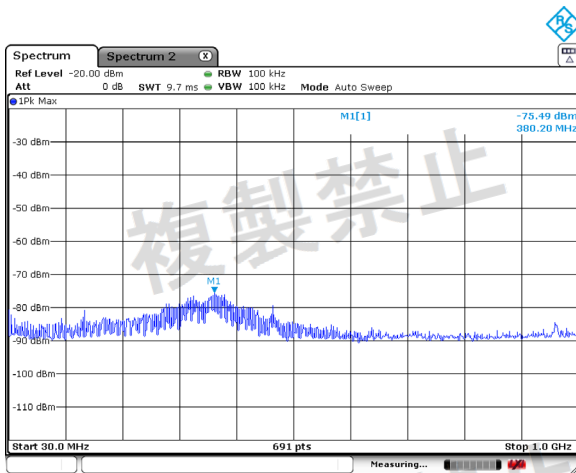
1 GHz ~ 26 GHz



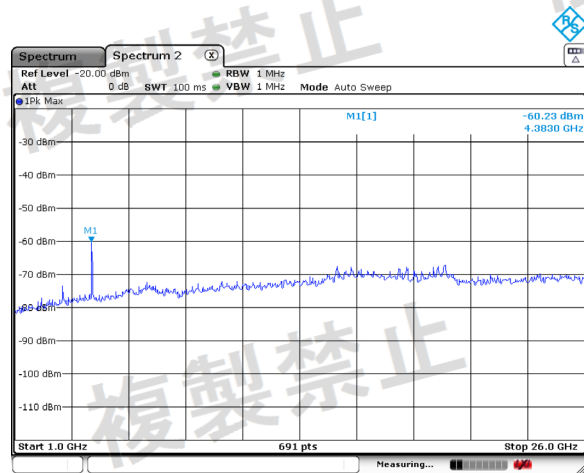
802.11n(HT20)

CH Low

30 MHz ~ 1 GHz

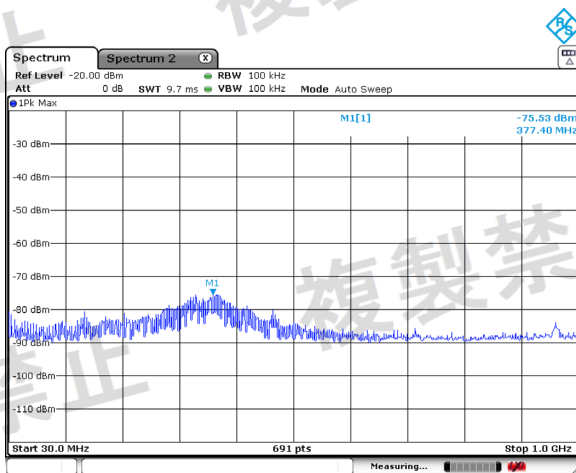


1 GHz ~ 26 GHz

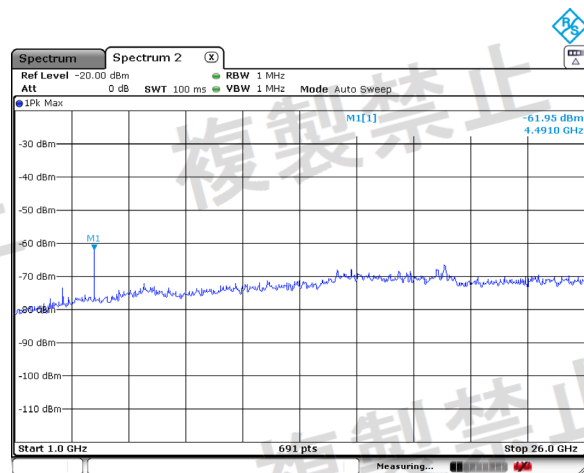


CH Mid

30 MHz ~ 1 GHz

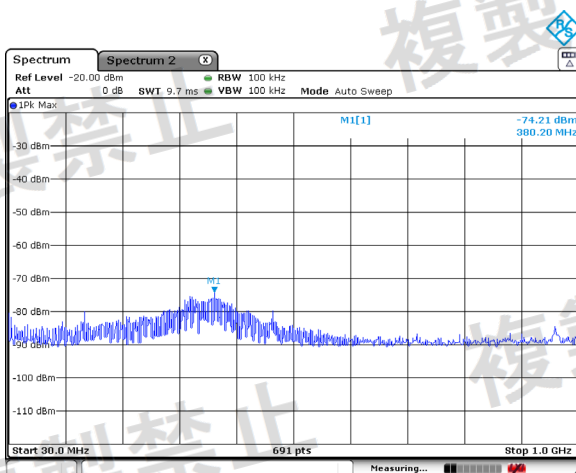


1 GHz ~ 26 GHz

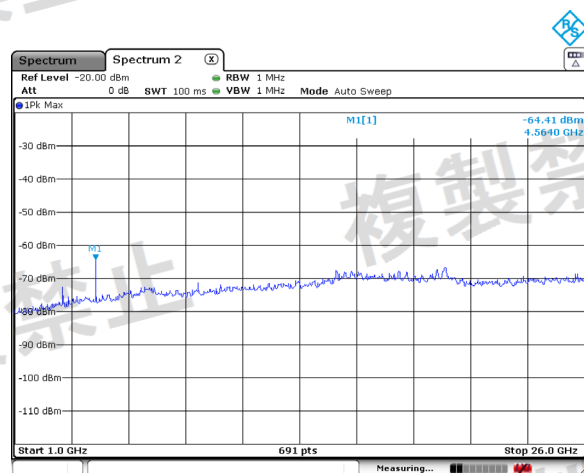


CH High

30 MHz ~ 1 GHz



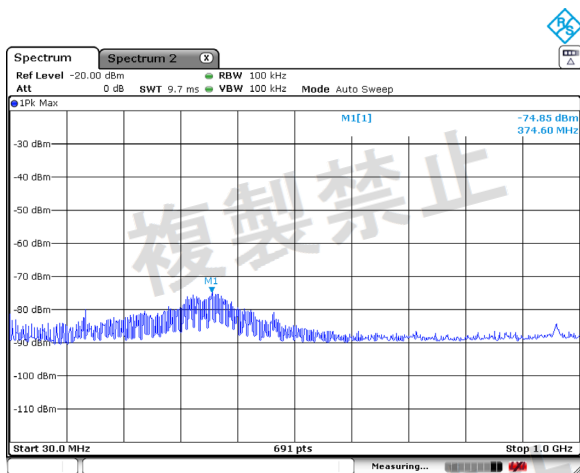
1 GHz ~ 26 GHz



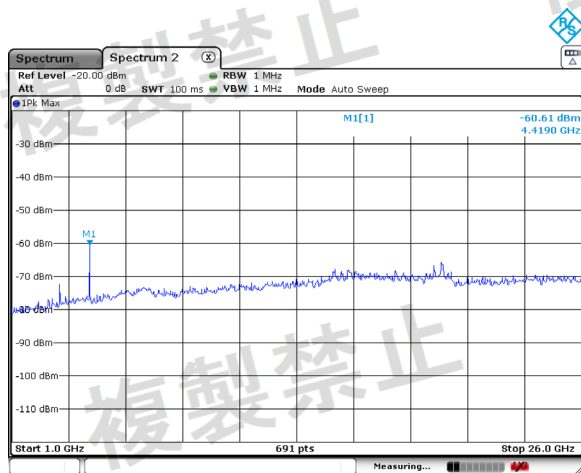
802.11n(HT40)

CH Low

30 MHz ~ 1 GHz

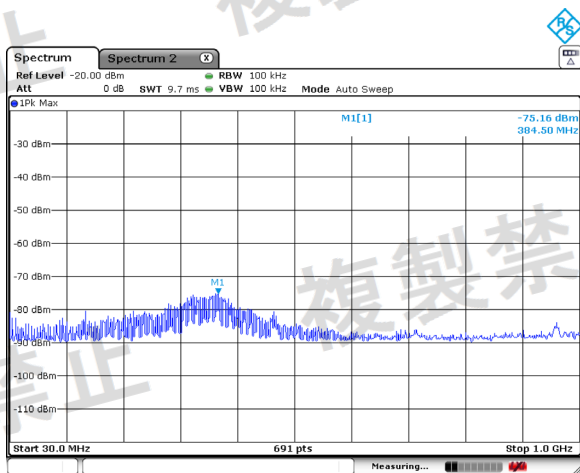


1 GHz ~ 26 GHz

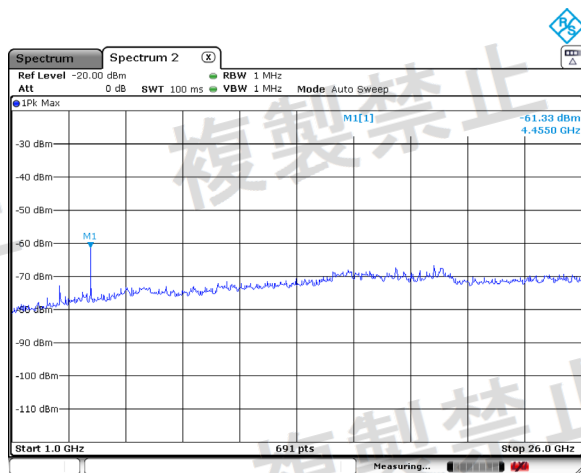


CH Mid

30 MHz ~ 1 GHz

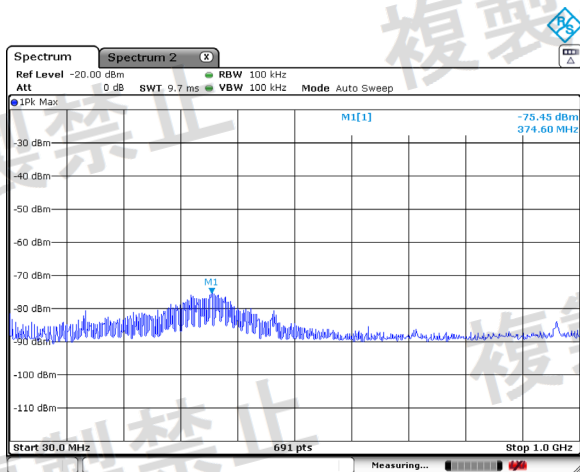


1 GHz ~ 26 GHz

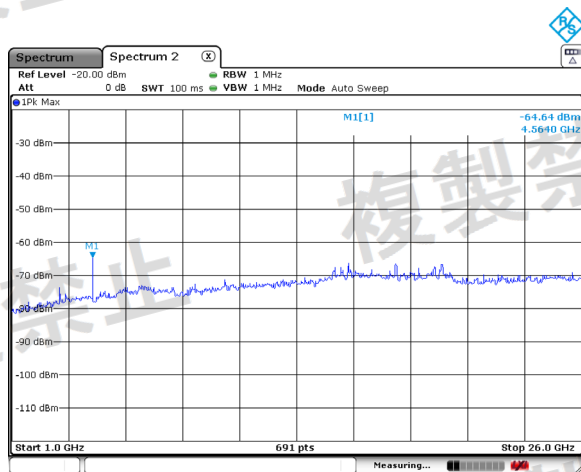


CH High

30 MHz ~ 1 GHz



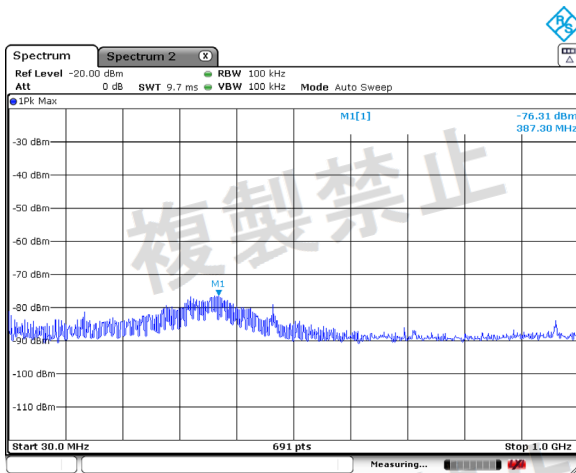
1 GHz ~ 26 GHz



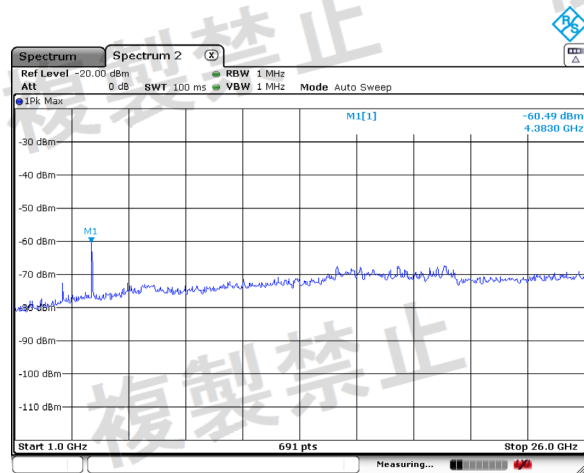
802.11ac(VHT20)

CH Low

30 MHz ~ 1 GHz

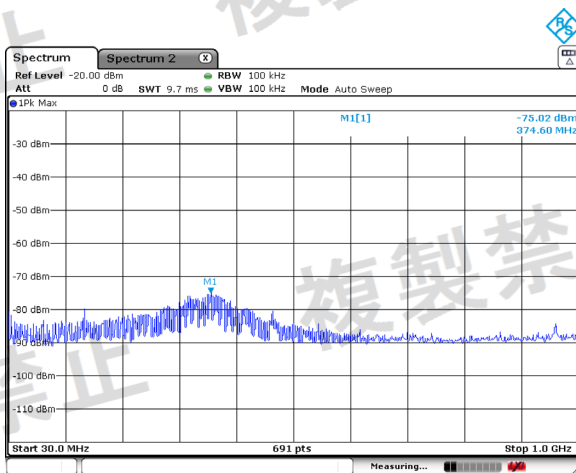


1 GHz ~ 26 GHz

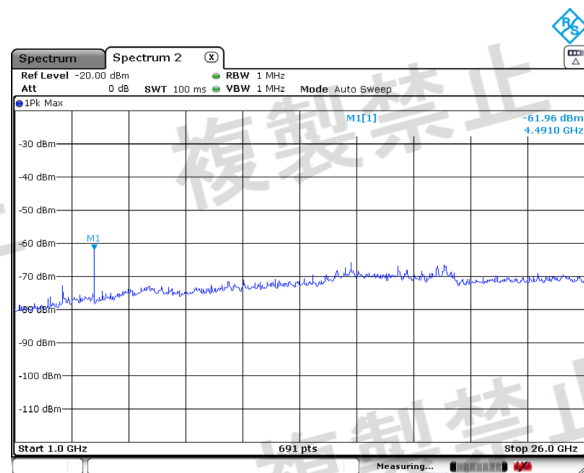


CH Mid

30 MHz ~ 1 GHz

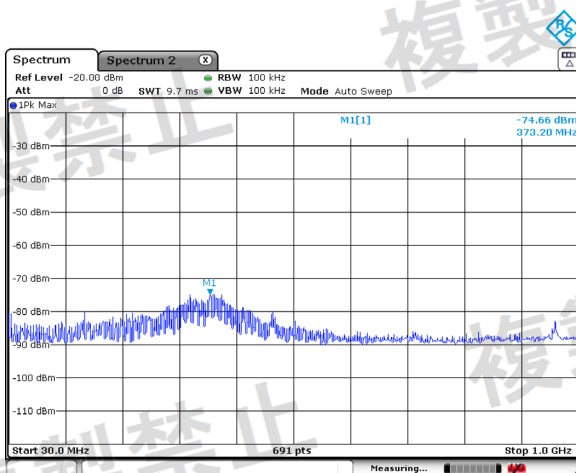


1 GHz ~ 26 GHz

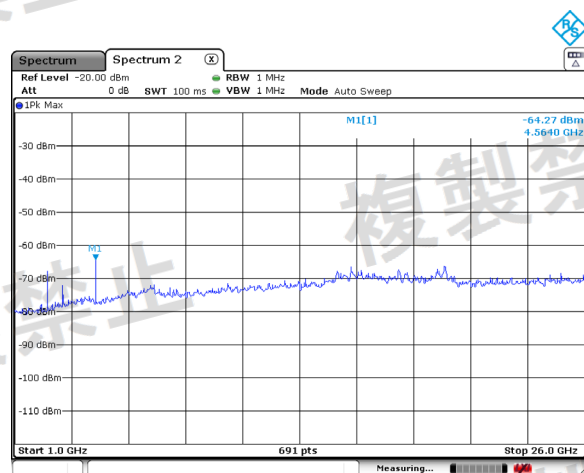


CH High

30 MHz ~ 1 GHz



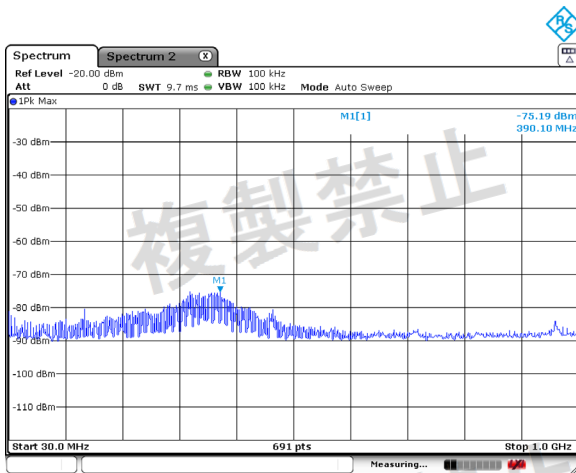
1 GHz ~ 26 GHz



802.11ac(VHT40)

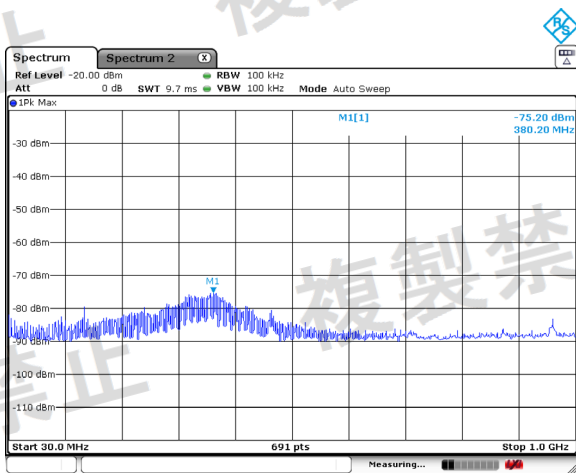
CH Low

30 MHz ~ 1 GHz



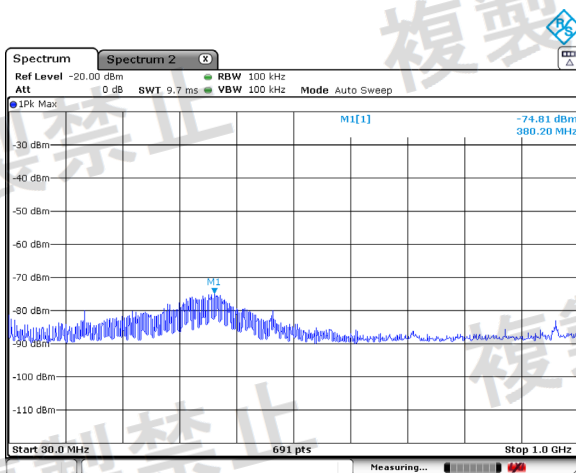
CH Mid

30 MHz ~ 1 GHz

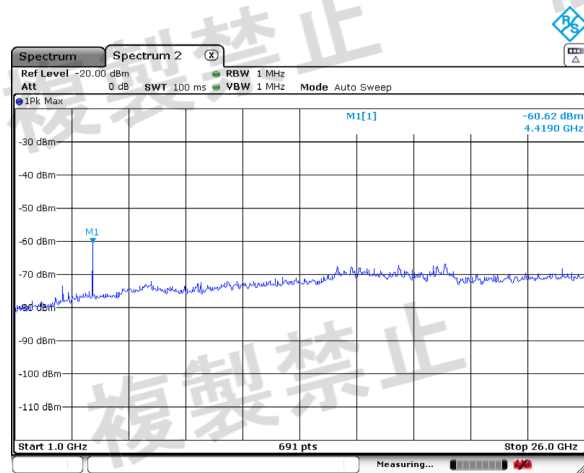


CH High

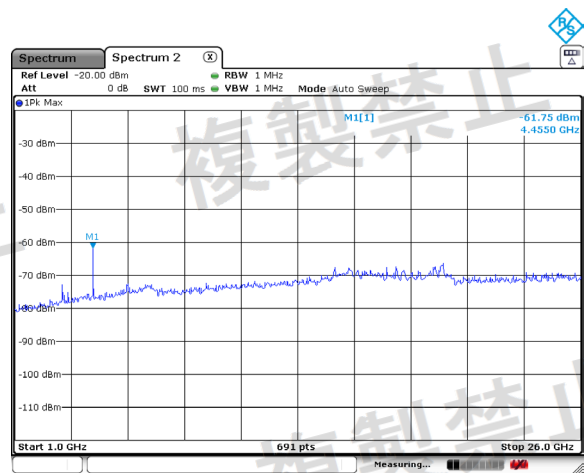
30 MHz ~ 1 GHz



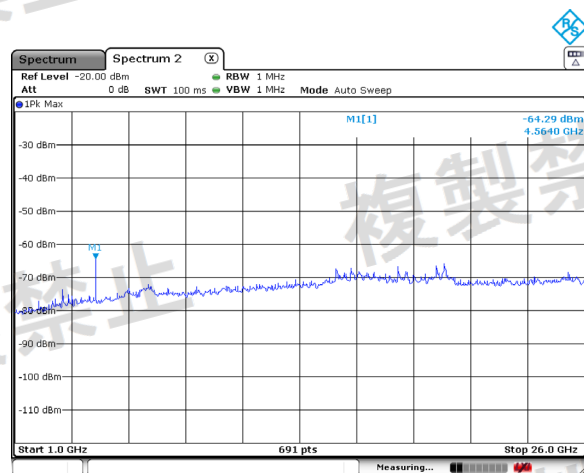
1 GHz ~ 26 GHz



1 GHz ~ 26 GHz



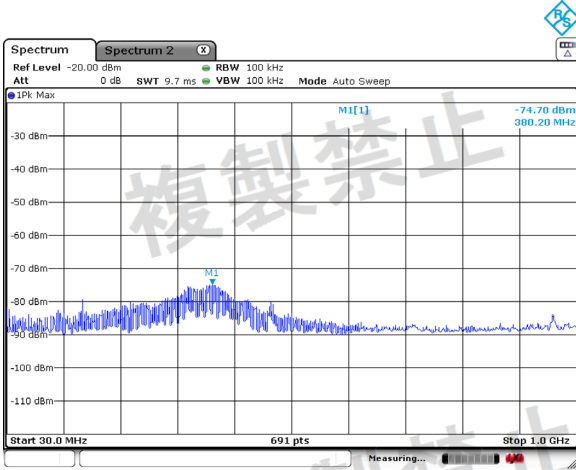
1 GHz ~ 26 GHz



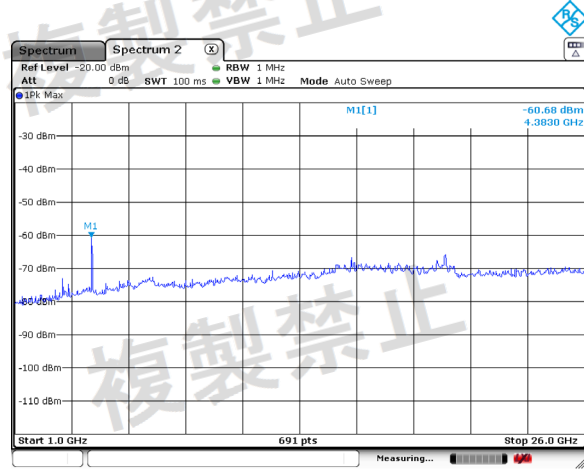
802.11ax(HE20)

CH Low

30 MHz ~ 1 GHz

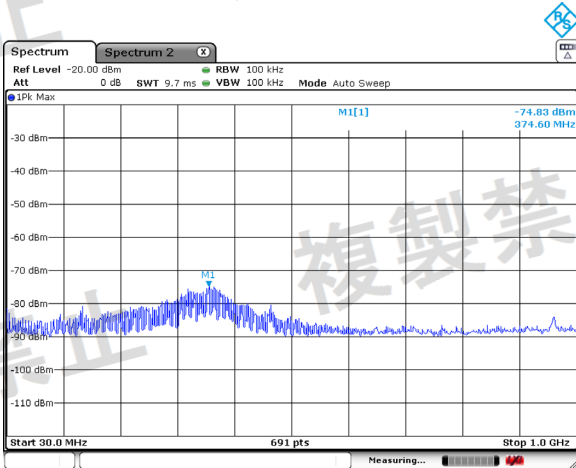


1 GHz ~ 26 GHz

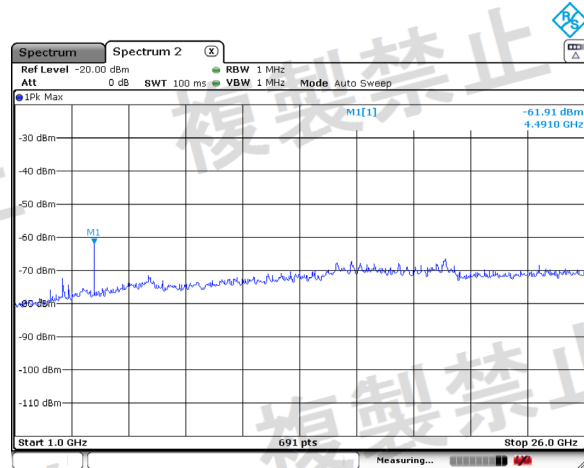


CH Mid

30 MHz ~ 1 GHz

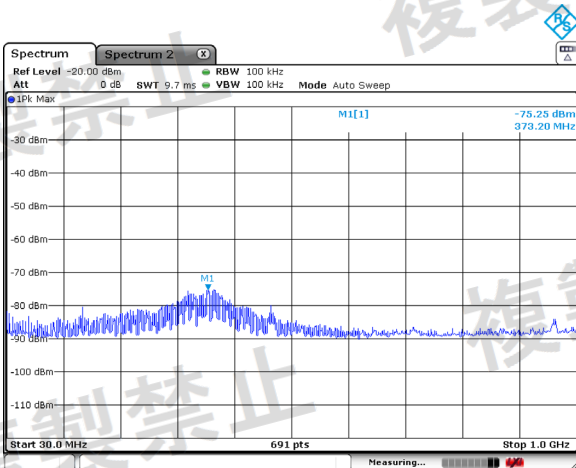


1 GHz ~ 26 GHz

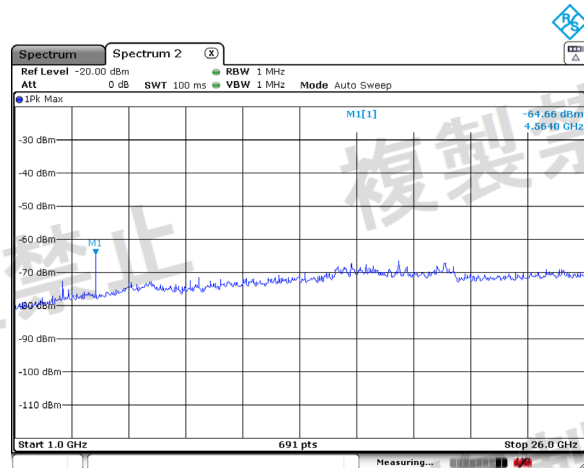


CH High

30 MHz ~ 1 GHz



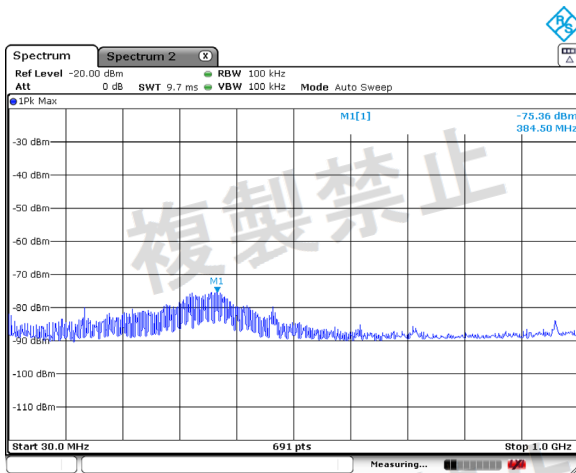
1 GHz ~ 26 GHz



■802.11ax(HE40)

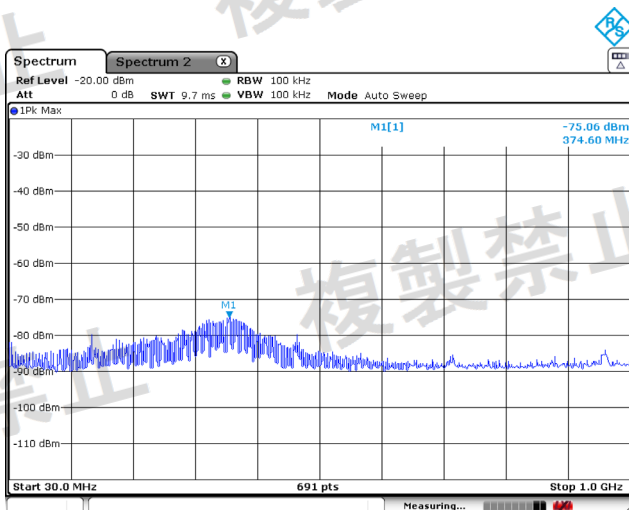
CH Low

30 MHz ~ 1 GHz



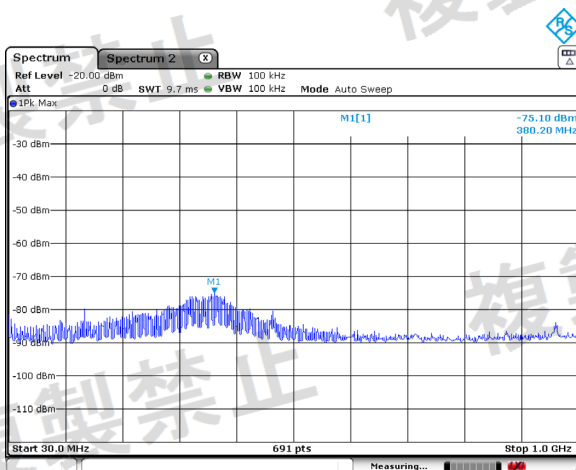
CH Mid

30 MHz ~ 1 GHz

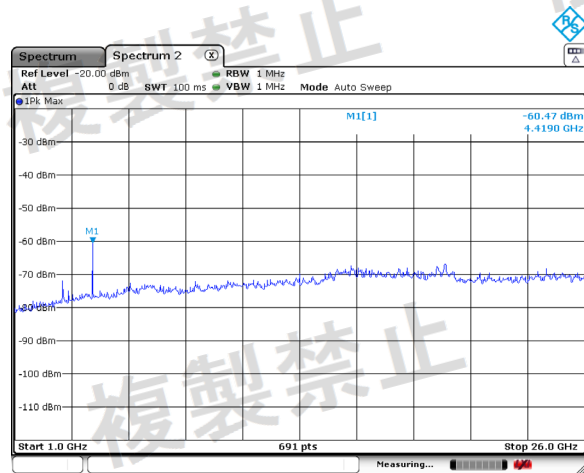


CH High

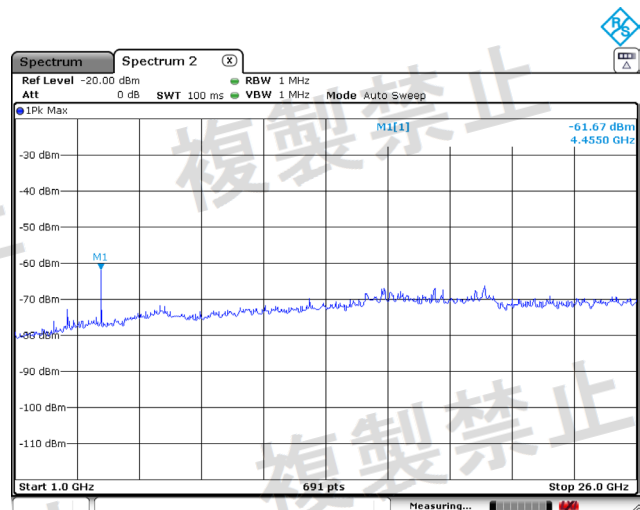
30 MHz ~ 1 GHz



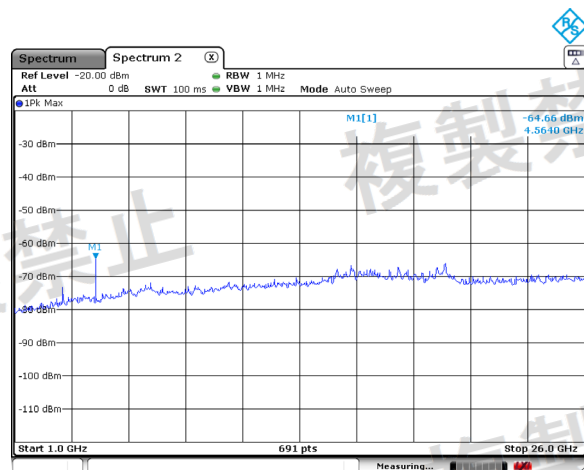
1 GHz ~ 26 GHz



1 GHz ~ 26 GHz



1 GHz ~ 26 GHz



5.8 Burst Length of Transmitted Signals

5.8.1 Measurement Procedure

Connect transmitter output to the spectrum analyzer input port.

Burst length of transmitted signal is measured by following setting:

Set the spectrum analyzer

Center Frequency: Operating frequency

Span: 0 Hz

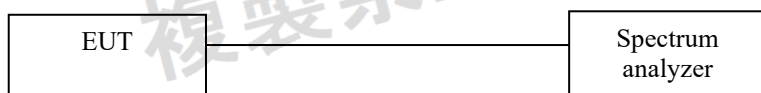
RBW: 1 MHz

VBW: Same as RBW

Detector mode : Positive Peak

Trace mode: Max hold

5.8.2 Test setup



5.8.3 Test environment conditions

- Ambient temperature : (20 ~ 22) °C • Relative Humidity : (46 ~ 49) % R.H.

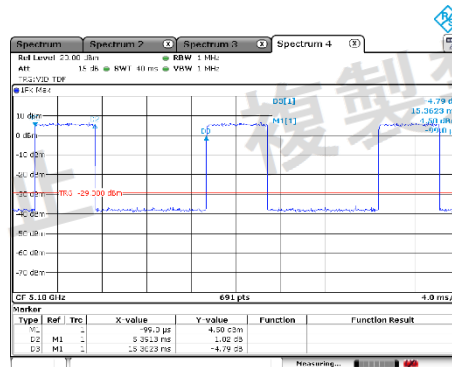
5.8.4 Limit

8 ms or less

5.8.4 Test Plot

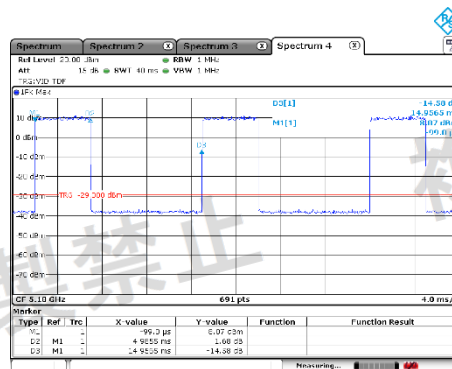
■ W52

□ 802.11a



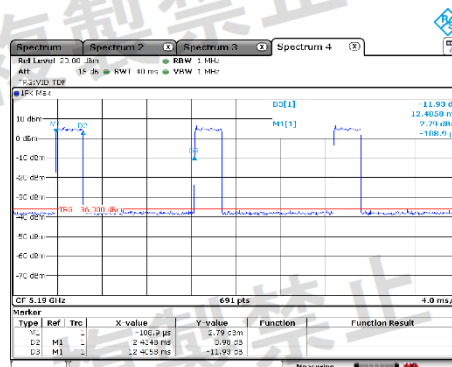
Measure value	Limit	Test results
[ms]	[ms]	
5.39	8	Compliance

□ 802.11n(HT20)



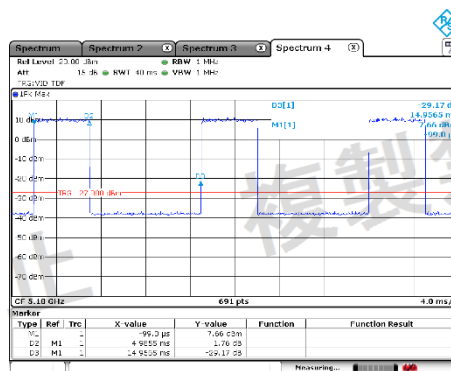
Measure value	Limit	Test results
[ms]	[ms]	
4.99	8	Compliance

□ 802.11n(HT40)



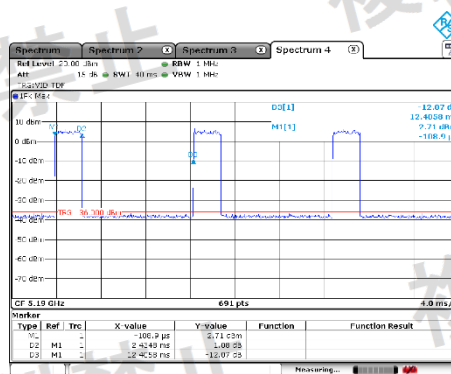
Measure value	Limit	Test results
[ms]	[ms]	
2.43	8	Compliance

802.11ac(VHT20)



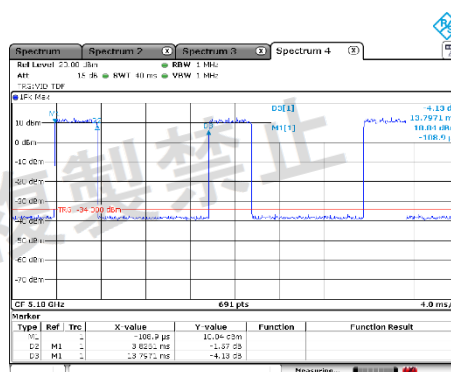
Measure value	Limit	Test results
[ms]	[ms]	
4.99	8	Compliance

802.11ac(VHT40)



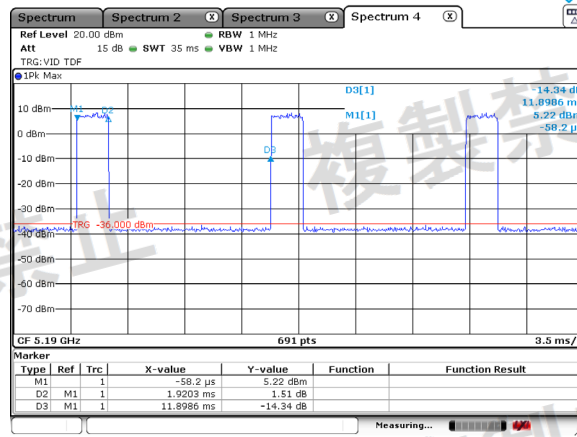
Measure value	Limit	Test results
[ms]	[ms]	
2.43	8	Compliance

802.11ax(HE20)



Measure value	Limit	Test results
[ms]	[ms]	
3.83	8	Compliance

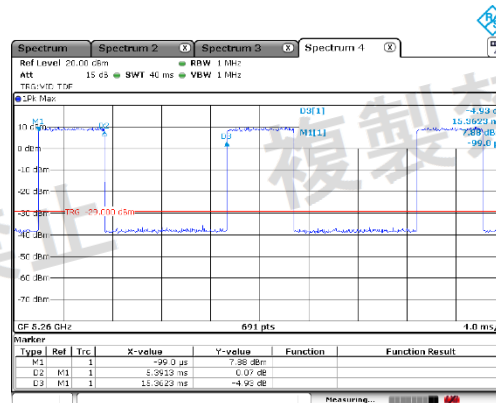
802.11ax(HE40)



Measure value	Limit	Test results
[ms]	[ms]	
1.92	8	Compliance

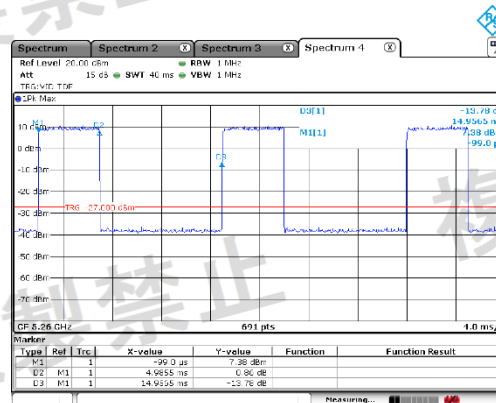
■W53

▣802.11a



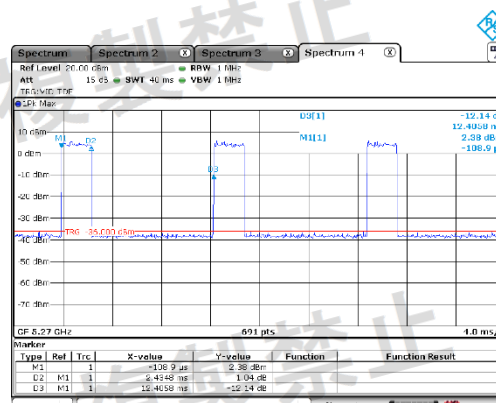
Measure value	Limit	Test results
[ms]	[ms]	
5.39	8	Compliance

▣802.11n(HT20)



Measure value	Limit	Test results
[ms]	[ms]	
4.99	8	Compliance

▣802.11n(HT40)



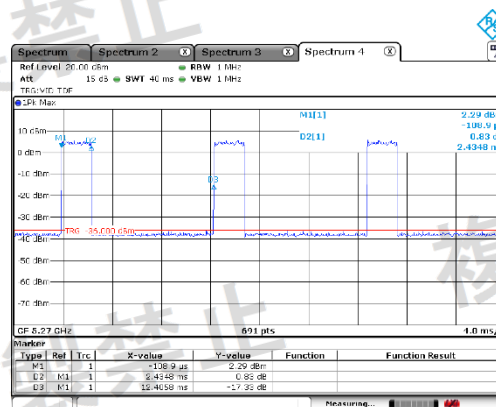
Measure value	Limit	Test results
[ms]	[ms]	
2.43	8	Compliance

802.11ac(VHT20)



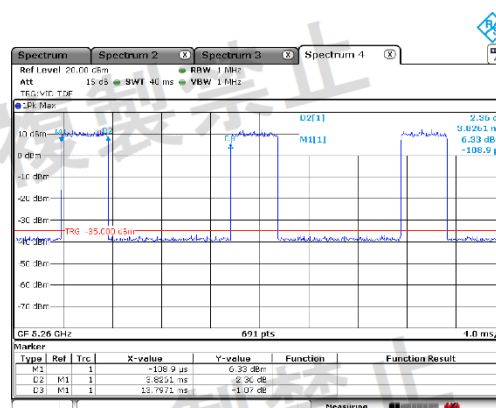
Measure value	Limit	Test results
[ms]	[ms]	
5.04	8	Compliance

802.11ac(VHT40)



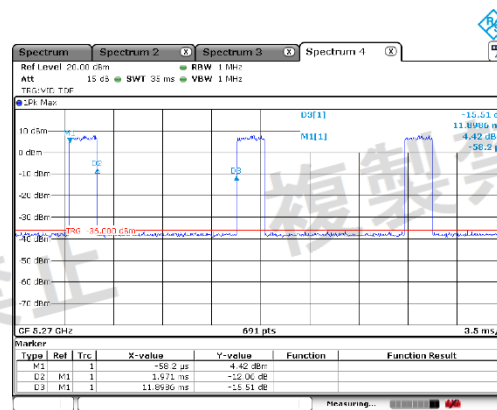
Measure value	Limit	Test results
[ms]	[ms]	
5.39	8	Compliance

802.11ax(HE20)



Measure value	Limit	Test results
[ms]	[ms]	
3.83	8	Compliance

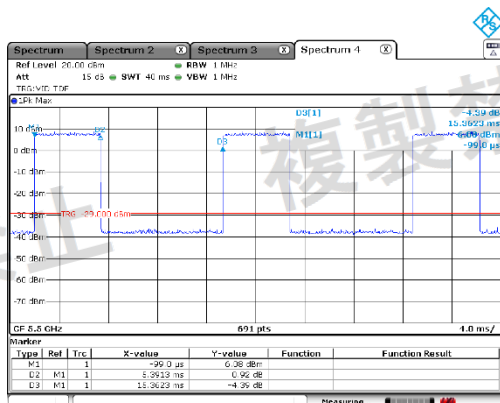
802.11ax(HE40)



Measure value	Limit	Test results
[ms]	[ms]	
1.97	8	Compliance

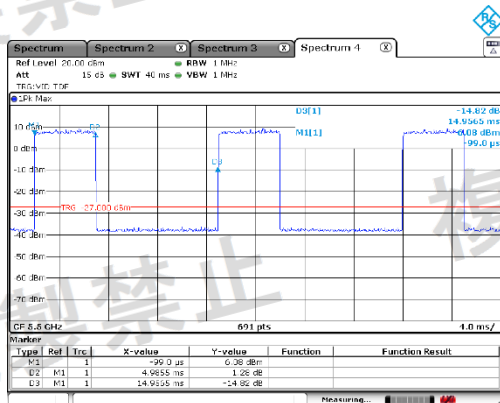
■W56

□802.11a



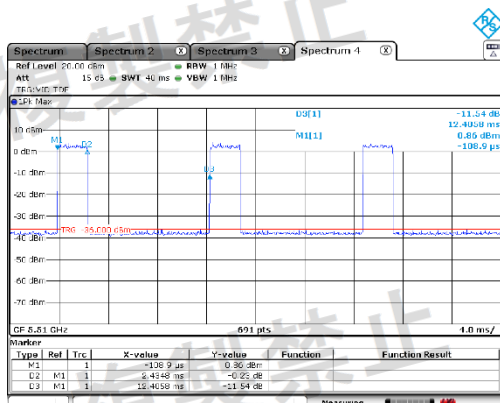
Measure value	Limit	Test results
[ms]	[ms]	
5.39	8	Compliance

□802.11n(HT20)



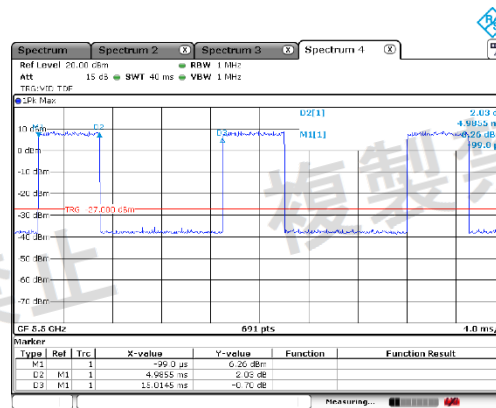
Measure value	Limit	Test results
[ms]	[ms]	
4.99	8	Compliance

□802.11n(HT40)



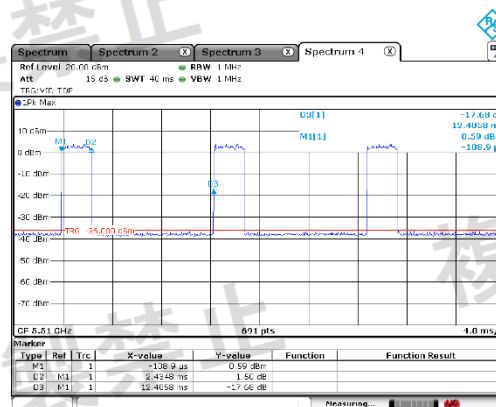
Measure value	Limit	Test results
[ms]	[ms]	
2.43	8	Compliance

802.11ac(VHT20)



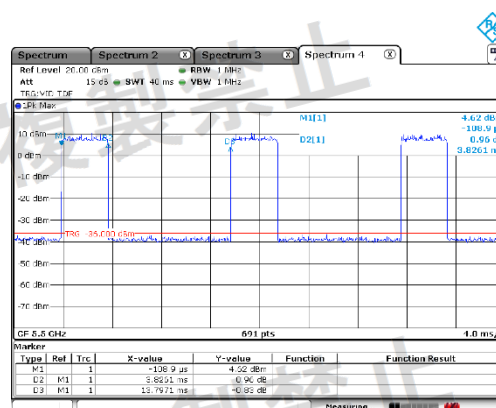
Measure value	Limit	Test results
[ms]	[ms]	
4.99	8	Compliance

802.11ac(VHT40)



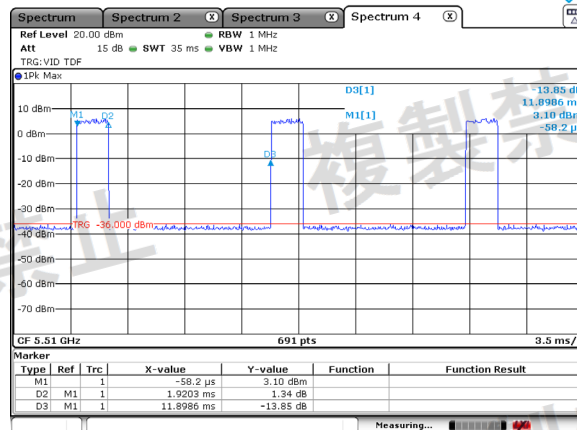
Measure value	Limit	Test results
[ms]	[ms]	
2.43	8	Compliance

802.11ax(HE20)



Measure value	Limit	Test results
[ms]	[ms]	
3.83	8	Compliance

802.11ax(HE40)



Measure value	Limit	Test results
[ms]	[ms]	
1.92	8	Compliance

5.9 Carrier Sense Function

5.9.1 Measurement Procedure

The transmitter output is connected to the Signal Generator and Spectrum analyzer.

Use with divider or splitter

Setting the spectrum analyzer is as follows.

[Signal Generator Settings]

Center frequency: Operating frequency

Modulation: Un-modulated

Output level: $22.79 + G - 20 \cdot \log(f)$ dBm (G is the antenna gain is the test frequency)

[Spectrum Analyzer Settings]

Center frequency: Operating frequency

RBW: 1 MHz

VBW: 1 MHz

Span: 50 MHz

Sweep time: Auto

Sweep mode: Continuous sweep

Trigger: Free running

Detector: Positive peak

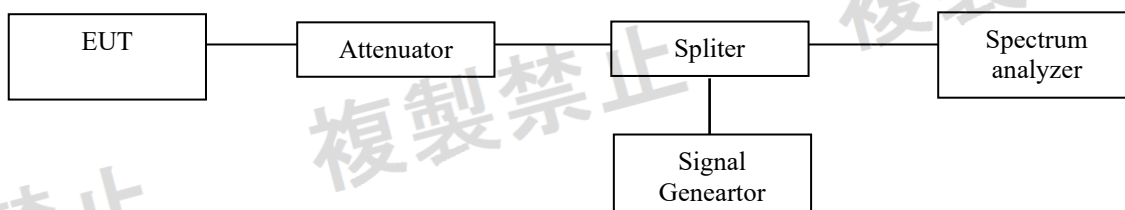
Turn off the RF signal of the S/G.

EUT have transmitted the maximum modulation signal and fixed channelize.

S/G RF signal on.

EUT shall be stop the transmitted any signal and S/G RF signal off, the EUT will be continuous transmitted signal.

5.9.2 Test setup



5.9.3 Test environment conditions

• Ambient temperature : (20 ~ 22) °C • Relative Humidity : (46 ~ 49) % R.H.

5.9.4 Test result

Good

5.10 Interference Prevention Function

5.10.1 Measurement Procedure

The EUT shall have the interference prevention ability to transmit or to receive the identification automatically, so that sender and receiver shall exclude other equipment

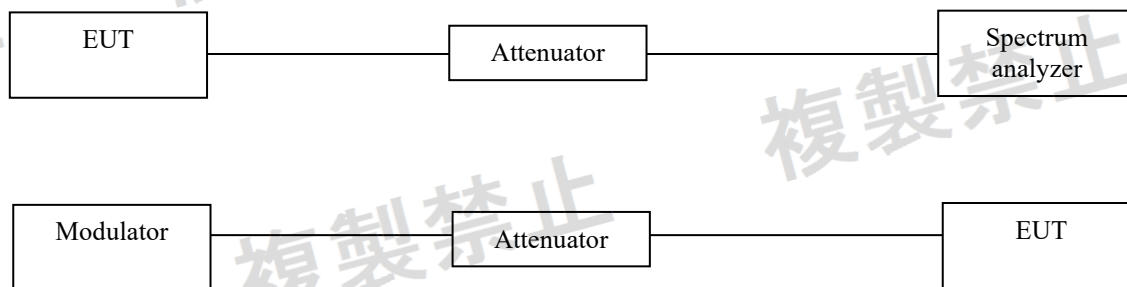
In the case that the EUT has the function of automatically transmitting the identification code:

1. Transmit the predetermined identification codes from EUT
2. Check the transmitted identification codes with the demodulator.

In the case of the receiving the identification codes:

1. Transmit the predetermined identification codes from the counterpart.
2. Check if communication is normal.
3. Transmit the signal other than predetermined ID codes from the counterpart.
4. Check if the EUT stops the transmission, or if it displays that identification codes are different from the predetermined ones.

5.10.2 Test setup



5.10.3 Test environment conditions

- Ambient temperature : (20 ~ 22) °C
- Relative Humidity : (46 ~ 49) % R.H.

5.10.4 Test result

Good

5.11 DFS (Dynamic Frequency Selection)

5.11.1 Measurement Procedure

The EUT is operating as a DFS slave station without radar detection capability. The manufacturer declares, and the test lab has confirmed, that the EUT complies with the following operational requirements according to the Article 2, Paragraph 1, Item 19-3.

1. Automatic Frequency Selection

The EUT does not initiate an ad-hoc or direct transmission on any DFS channels (W53/W56). It automatically selects and switches its operating frequency strictly under the control and instruction of an associated, certified Master station.

2. Transmission Control

The transmission and cessation of radio waves are entirely governed and controlled by the Master station via beacon/control frames. The EUT does not initiate any transmission (including Probe Requests) on W53/W56 bands prior to receiving a command from a Master station (Passive Scanning Only).

5.11.2 Test result

PASS (Complied by statement of conformity)

5.12 Consturction Protection Confirmation

5.12.1 Limit

The high frequency circuit and modulation modules except for antenna shall be structured not to be opened easily.

5.12.2 Confirmation method

The RF and modulation portions are protected against illegal modification as following method:

Tick the appropriate box	
1. Sealed with special screws.	☐
2. Plastic chassis is being welded using ultrasonic waves.	☐
3. Chassis is glued using a special adhesive.	☐
4. Metal covers are spot-fused.	☐
5. Cover is specially interlocked.	☐
6. RF and Modulation components are covered with shielding case and this shielding case is soldered.	☐
7. Shield case is welded at RF and modulation parts, and ID-ROM is welded using the BGA Method.	☐
8. Shield case is welded at RF and modulation parts, and ID-ROM is glued at its lead with a special adhesive.	☐
9. Shield case is welded at RF and modulation parts, and ID-ROM is glued with a non-transparent laminating agent..	☐
10. RF and Modulation parts are mounted on PCB with surface mount technology, and there is no any adjustable part on PCB or adjustable parts are not exposed.	☒