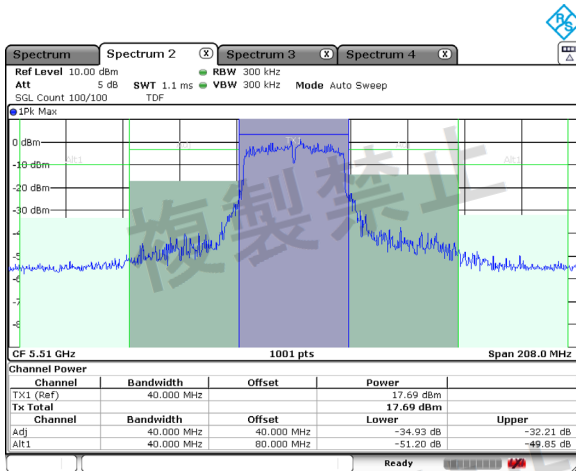


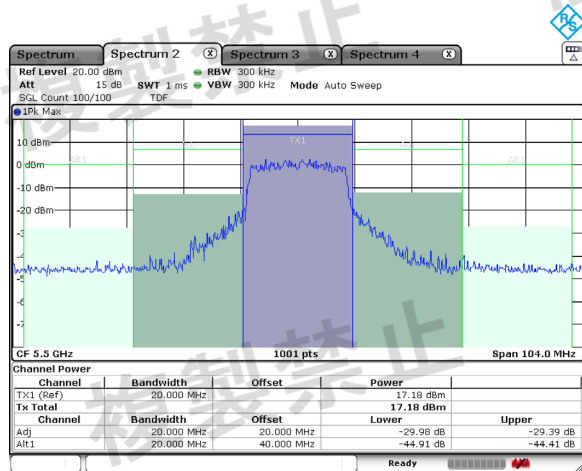
■ 802.11n(HT40)

CH Low

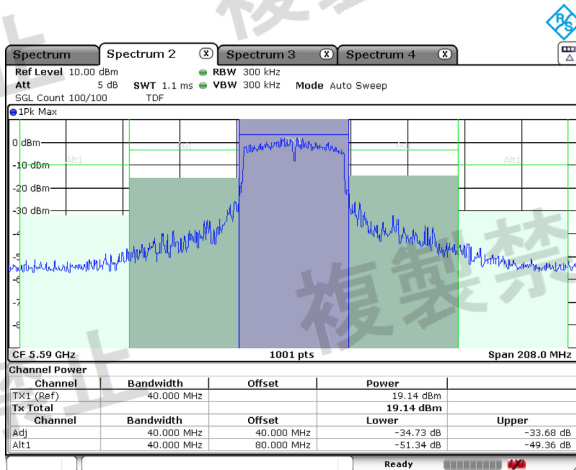


■ 802.11ac(VHT20)

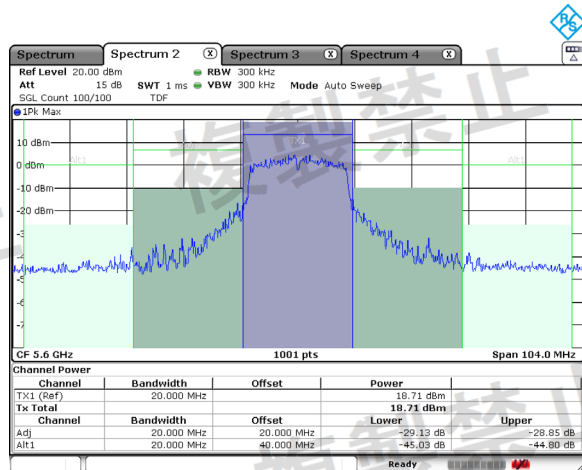
CH Low



CH Middle



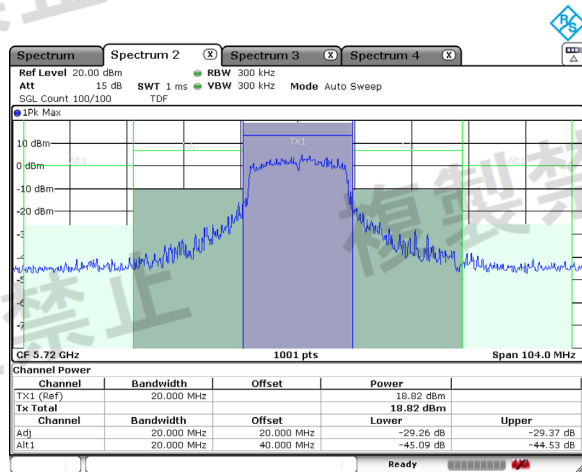
CH Middle



CH High

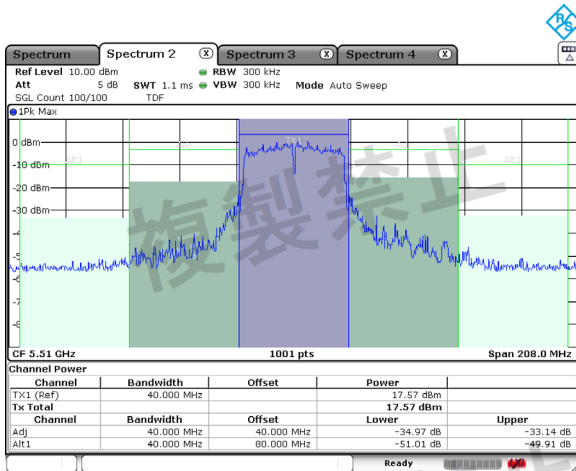


CH High



■ 802.11ac(VHT40)

CH Low

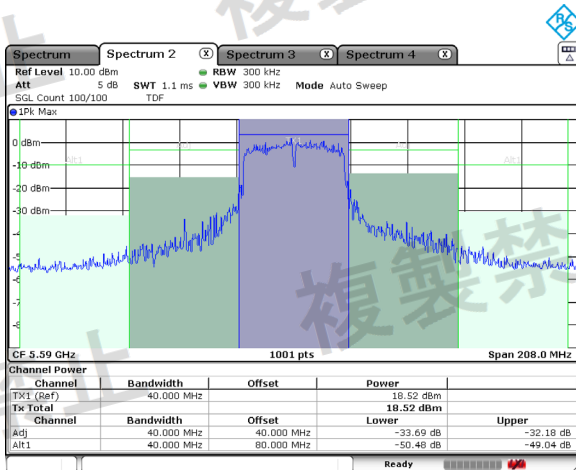


■ 802.11ax(HE20)

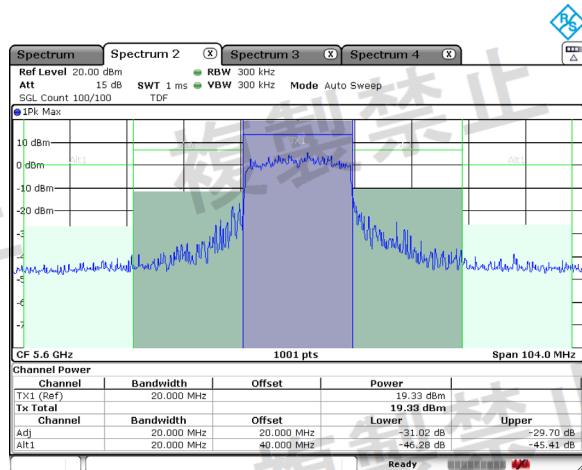
CH Low



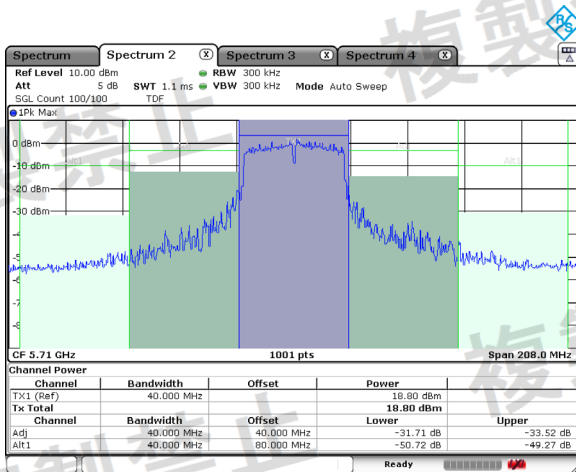
CH Middle



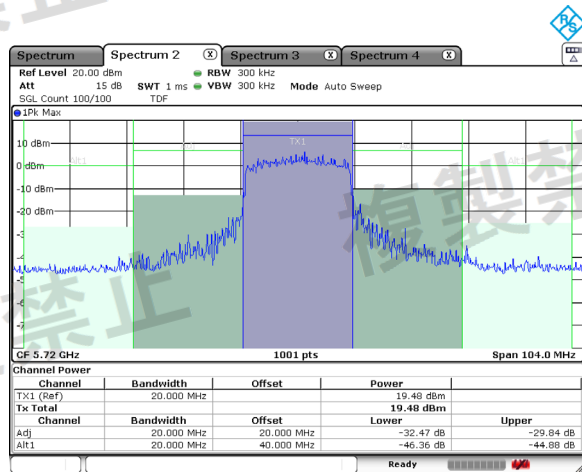
CH Middle



CH High

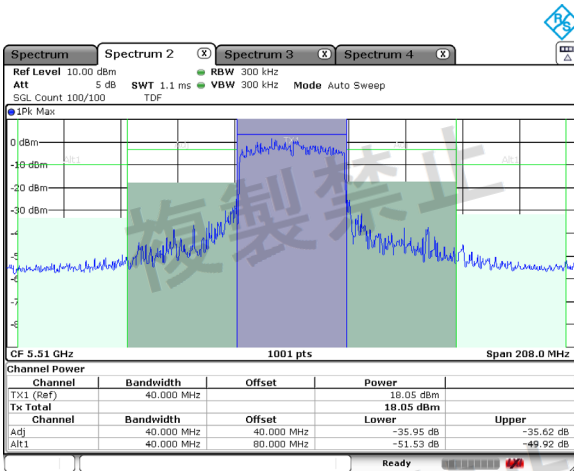


CH High

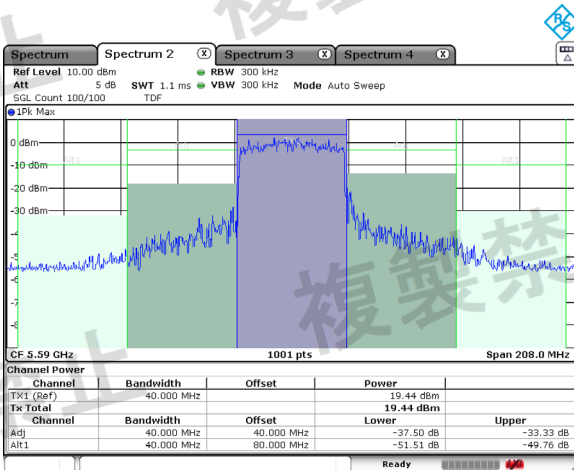


■ 802.11ax(HE40)

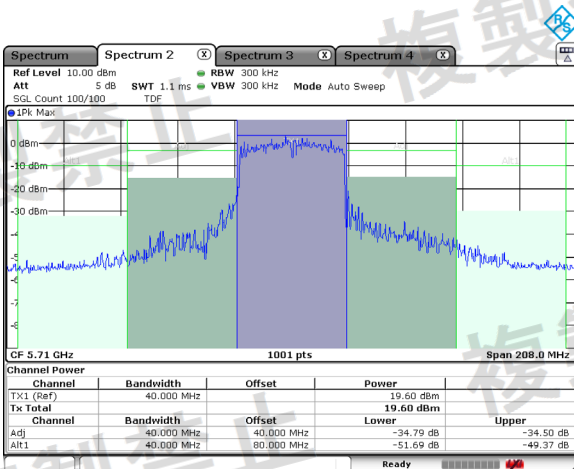
CH Low



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

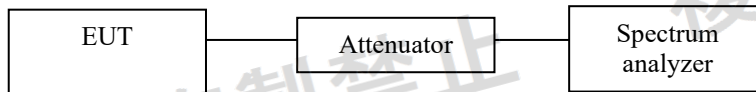
Sweep mode: Auto

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: $10^{1-(f-5240-9)}$ 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

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	5 138.300 0	-44.26	0.037	2.5	Compliance
5 142 ~ 5 150	5 148.813 0	-30.16	0.964	15	Compliance
5 250 ~ 5 251	5 250.414 6	-42.65	0.054	384.95	Compliance
5 251 ~ 5 260	5 252.999 0	-42.77	0.053	66.42	Compliance
5 260 ~ 5 266.7	5 261.197 5	-47.31	0.019	11.38	Compliance
5 266.7 ~ 26 000	19 863.700 0	-44.24	0.038	2.5	Compliance
Middle Channel [5 200 MHz]					
30 ~ 5 142	5 138.300 0	-46.49	0.022	2.5	Compliance
5 142 ~ 5 150	5 149.855 0	-36.08	0.247	15	Compliance
5 250 ~ 5 251	5 250.879 2	-33.69	0.428	132.07	Compliance
5 251 ~ 5 260	5 252.830 0	-34.33	0.369	68.76	Compliance
5 260 ~ 5 266.7	5 260.043 6	-38.94	0.128	15.66	Compliance
5 266.7 ~ 26 000	19 863.700 0	-45.11	0.031	2.5	Compliance
High Channel [5 240 MHz]					
30 ~ 5 142	5 042.100 0	-47.94	0.016	2.5	Compliance
5 142 ~ 5 150	5 144.808 0	-48.84	0.013	15	Compliance
5 250 ~ 5 251	5 250.016 6	-3.18	480.839	962.50	Compliance
5 251 ~ 5 260	5 251.059 0	-49.88	0.010	98.80	Compliance
5 260 ~ 5 266.7	5 260.033 9	-19.20	12.023	15.70	Compliance
5 266.7 ~ 26 000	5 281.700 0	-37.77	0.167	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	-42.90	0.051	2.5	Compliance
5 142 ~ 5 150	5 149.195 0	-28.54	1.400	15	Compliance
5 250 ~ 5 250.2	5 250.173 2	-36.33	0.233	74.82	Compliance
5 250.2 ~ 5 251	5 250.543 3	-46.44	0.023	286.22	Compliance
5 251 ~ 5 260	5 254.185 0	-43.01	0.050	52.11	Compliance
5 260 ~ 5 266.7	5 260.198 8	-46.67	0.022	15.00	Compliance
5 266.7 ~ 26 000	19 833.700 0	-43.84	0.041	2.5	Compliance
Middle Channel [5 200 MHz]					
30 ~ 5 142	5 138.300 0	-49.61	0.011	2.5	Compliance
5 142 ~ 5 150	5 149.965 8	-37.01	0.199	15	Compliance
5 250 ~ 5 250.2	5 250.106 1	-35.78	0.264	1 123.05	Compliance
5 250.2 ~ 5 251	5 250.409 0	-41.69	0.068	389.94	Compliance
5 251 ~ 5 260	5 253.247 0	-36.59	0.219	63.13	Compliance
5 260 ~ 5 266.7	5 260.955 1	-39.29	0.118	12.17	Compliance
5 266.7 ~ 26 000	19 863.700 0	-43.08	0.049	2.5	Compliance
High Channel [5 240 MHz]					
30 ~ 5 142	4 191.400 0	-52.12	0.006	2.5	Compliance
5 142 ~ 5 150	5 149.774 0	-48.75	0.013	15	Compliance
5 250 ~ 5 250.2	5 250.128 4	-21.47	7.129	979.34	Compliance
5 250.2 ~ 5 251	5 250.323 3	-22.15	6.095	475.01	Compliance
5 251 ~ 5 260	5 251.124 0	-49.85	0.010	97.49	Compliance
5 260 ~ 5 266.7	5 260.334 5	-18.44	14.322	14.45	Compliance
5 266.7 ~ 26 000	19 533.700 0	-43.72	0.042	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	-33.33	0.465	2.5	Compliance
5 141.6 ~ 5 150	5 148.778 0	-24.19	3.811	15	Compliance
5 250 ~ 5 251	5 250.573 8	-27.26	1.879	133.40	Compliance
5 251 ~ 5 270	5 254.726 0	-29.27	1.183	34.84	Compliance
5 270 ~ 5 278.4	5 271.453 0	-36.10	0.245	6.48	Compliance
5 278.4 ~ 26 000	24 695.400 0	-41.44	0.072	2.5	Compliance
High Channel [5 230 MHz]					
30 ~ 5 142	5 137.900 0	-44.30	0.037	2.5	Compliance
5 141.6 ~ 5 150	5 149.337 0	-38.92	0.128	15	Compliance
5 250 ~ 5 251	5 250.057 2	-6.46	225.944	438.30	Compliance
5 251 ~ 5 270	5 251.096 0	-53.23	0.005	49.54	Compliance
5 270 ~ 5 278.4	5 271.902 0	-22.32	5.861	6.09	Compliance
5 278.4 ~ 26 000	5 293.400 0	-40.57	0.088	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	5 139.400 0	-41.20	0.076	2.5	Compliance
5 142 ~ 5 150	5 149.485 0	-29.08	1.236	15	Compliance
5 250 ~ 5 250.2	5 250.054 3	-42.57	0.055	1 543.59	Compliance
5 250.2 ~ 5 251	5 250.363 8	-41.69	0.068	432.71	Compliance
5 251 ~ 5 260	5 252.478 0	-43.03	0.050	73.90	Compliance
5 260 ~ 5 266.7	5 260.615 7	-43.47	0.045	13.37	Compliance
5 266.7 ~ 26 000	19 899.700 0	-42.57	0.055	2.5	Compliance
Middle Channel [5 200 MHz]					
30 ~ 5 142	5 139.400 0	-46.36	0.023	2.5	Compliance
5 142 ~ 5 150	5 149.114 0	-36.46	0.226	15	Compliance
5 250 ~ 5 250.2	5 250.093 3	-32.75	0.531	1 214.88	Compliance
5 250.2 ~ 5 251	5 250.603 5	-33.63	0.434	249.17	Compliance
5 251 ~ 5 260	5 251.228 0	-33.49	0.448	95.44	Compliance
5 260 ~ 5 266.7	5 265.638 3	-38.10	0.155	3.34	Compliance
5 266.7 ~ 26 000	19 858.700 0	-43.53	0.044	2.5	Compliance
High Channel [5 240 MHz]					
30 ~ 5 142	5 001.600 0	-49.52	0.011	2.5	Compliance
5 142 ~ 5 150	5 149.195 0	-47.56	0.018	15	Compliance
5 250 ~ 5 250.2	5 250.074 0	-46.61	0.022	1 367.73	Compliance
5 250.2 ~ 5 251	5 250.258 5	-48.01	0.016	551.44	Compliance
5 251 ~ 5 260	5 251.254 0	-50.60	0.009	94.93	Compliance
5 260 ~ 5 266.7	5 260.179 4	-18.30	14.791	15.08	Compliance
5 266.7 ~ 26 000	19 547.700 0	-44.03	0.040	02.5	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	-34.34	0.368	2.5	Compliance
5 141.6 ~ 5 150	5 147.113 0	-25.89	2.576	15	Compliance
5 250 ~ 5 251	5 250.501 4	-29.20	1.202	157.61	Compliance
5 251 ~ 5 270	5 251.949 0	-31.64	0.685	45.60	Compliance
5 270 ~ 5 278.4	5 273.082 0	-37.72	0.169	5.18	Compliance
5 278.4 ~ 26 000	19 897.400 0	-42.82	0.052	2.5	Compliance
High Channel [5 230 MHz]					
30 ~ 5 141.6	5 071.300 0	-45.81	0.026	2.5	Compliance
5 141.6 ~ 5 150	5 148.572 0	-39.05	0.124	15	Compliance
5 250 ~ 5 251	5 250.083 2	-6.60	218.776	412.83	Compliance
5 251 ~ 5 270	5 251.124 0	-50.92	0.008	49.40	Compliance
5 270 ~ 5 278.4	5 273.434 0	-54.67	0.003	4.93	Compliance
5 278.4 ~ 26 000	5 232.400 0	-42.32	0.059	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	-39.28	0.118	2.5	Compliance
5 142 ~ 5 150	5 145.756 0	-27.45	1.799	15	Compliance
5 250 ~ 5 250.2	5 250.015 2	-40.45	0.090	1 962.46	Compliance
5 250.2 ~ 5 251	5 250.844 3	-38.41	0.144	143.12	Compliance
5 251 ~ 5 260	5 252.270 0	-40.63	0.086	77.11	Compliance
5 260 ~ 5 266.7	5 264.785 0	-44.03	0.040	4.22	Compliance
5 266.7 ~ 26 000	19 747.400 0	-42.78	0.053	2.5	Compliance
Middle Channel [5 200 MHz]					
30 ~ 5 142	5 138.300 0	-42.88	0.052	2.5	Compliance
5 142 ~ 5 150	5 148.605 0	-34.04	0.394	15	Compliance
5 250 ~ 5 250.2	5 250.062 7	-31.93	0.641	1 466.00	Compliance
5 250.2 ~ 5 251	5 250.806 1	-31.28	0.745	156.28	Compliance
5 251 ~ 5 260	5 251.697 0	-33.38	0.459	86.71	Compliance
5 260 ~ 5 266.7	5 261.401 1	-36.97	0.201	10.76	Compliance
5 266.7 ~ 26 000	24 934.700 0	-42.67	0.054	2.5	Compliance
High Channel [5 240 MHz]					
30 ~ 5 142	5 049.500 0	-45.66	0.027	2.5	Compliance
5 142 ~ 5 150	5 146.660 0	-44.57	0.035	15	Compliance
5 250 ~ 5 250.2	5 250.116 2	-34.73	0.337	1 055.52	Compliance
5 250.2 ~ 5 251	5 250.280 5	-36.42	0.228	524.20	Compliance
5 251 ~ 5 260	5 251.163 0	-48.57	0.014	96.72	Compliance
5 260 ~ 5 266.7	5 260.993 8	-54.37	0.004	12.04	Compliance
5 266.7 ~ 26 000	5 281.700 0	-41.04	0.079	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	-30.84	0.824	2.5	Compliance
5 141.6 ~ 5 150	5 148.827 0	-23.91	4.064	15	Compliance
5 250 ~ 5 251	5 250.734 4	-28.31	1.476	92.17	Compliance
5 251 ~ 5 270	5 252.774 0	-29.34	1.164	42.10	Compliance
5 270 ~ 5 278.4	5 270.577 0	-37.10	0.195	7.32	Compliance
5 278.4 ~ 26 000	19 837.400 0	-43.34	0.046	2.5	Compliance
High Channel [5 230 MHz]					
30 ~ 5 141.6	5 137.900 0	-45.10	0.031	2.5	Compliance
5 141.6 ~ 5 150	5 149.799 0	-38.27	0.149	15	Compliance
5 250 ~ 5 251	5 250.230 8	-53.72	0.004	293.88	Compliance
5 251 ~ 5 270	5 251.206 0	-55.75	0.003	49.01	Compliance
5 270 ~ 5 278.4	5 274.091 0	-56.66	0.002	4.50	Compliance
5 278.4 ~ 26 000	5 293.400 0	-33.49	0.448	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	5 222.000 0	-37.25	0.188	2.5	Compliance
5 233.3 ~ 5 240	5 239.859 4	-20.10	9.772	15.25	Compliance
5 240 ~ 5 249	5 248.798 0	-50.06	0.010	95.95	Compliance
5 249 ~ 5 250	5 249.939 9	-2.81	523.600	870.76	Compliance
5 266.7 ~ 26 000	5 484.000 0	-42.78	0.053	2.5	Compliance
Middle Channel [5 280 MHz]					
30 ~ 5 233.3	5 229.500 0	-40.21	0.095	2.5	Compliance
5 233.3 ~ 5 240	5 239.471 6	-31.42	0.721	13.70	Compliance
5 240 ~ 5 249	5 248.915 0	-26.23	2.382	98.28	Compliance
5 249 ~ 5 250	5 249.828 5	-24.61	3.459	673.75	Compliance
5 266.7 ~ 26 000	19 859.000 0	-44.92	0.032	2.5	Compliance
High Channel [5 320 MHz]					
30 ~ 5 233.3	5 116.600 0	-45.71	0.027	2.5	Compliance
5 233.3 ~ 5 240	5 239.956 4	-44.13	0.039	15.66	Compliance
5 240 ~ 5 249	5 244.747 0	-43.05	0.050	41.88	Compliance
5 249 ~ 5 250	5 249.158 5	-40.54	0.088	144.05	Compliance
5 266.7 ~ 26 000	5 365.000 0	-34.80	0.331	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	5 222.000 0	-36.72	0.213	2.5	Compliance
5 233.3 ~ 5 240	5 238.899 5	-54.80	0.003	11.69	Compliance
5 240 ~ 5 249	5 248.785 0	-50.78	0.008	95.69	Compliance
5 249 ~ 5 249.8	5 249.701 0	-48.40	0.014	502.34	Compliance
5 249.8 ~ 5 250	5 249.967 7	-0.50	891.251	1 766.85	Compliance
5 350 ~ 26 000	15 765.000 0	-44.84	0.033	2.5	Compliance
Middle Channel [5 280 MHz]					
30 ~ 5 233.3	5 229.500 0	-41.17	0.076	2.5	Compliance
5 233.3 ~ 5 240	5 238.531 0	-31.98	0.634	10.56	Compliance
5 240 ~ 5 249	5 248.551 0	-26.58	2.198	91.22	Compliance
5 249 ~ 5 249.8	5 249.264 5	-25.56	2.780	183.87	Compliance
5 249.8 ~ 5 250	5 249.916 2	-24.67	3.412	1 287.85	Compliance
5 350 ~ 26 000	19 859.000 0	-44.66	0.034	2.5	Compliance
High Channel [5 320 MHz]					
30 ~ 5 233.3	5 169.300 0	-48.31	0.015	2.5	Compliance
5 233.3 ~ 5 240	5 236.116 7	-41.77	0.067	5.42	Compliance
5 240 ~ 5 249	5 240.293 0	-41.01	0.079	16.83	Compliance
5 249 ~ 5 249.8	5 249.185 8	-42.15	0.061	153.39	Compliance
5 249.8 ~ 5 250	5 249.971 8	-42.09	0.062	1 811.90	Compliance
5 350 ~ 26 000	19 889.000 0	-44.59	0.035	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	-33.90	0.407	2.5	Compliance
5 221.6 ~ 5230	5 229.228 0	-24.99	3.170	7.12	Compliance
5 230 ~ 5 249	5 248.904 0	-54.11	0.004	49.54	Compliance
5 249 ~ 5 250	5 249.686 7	-51.27	0.007	243.04	Compliance
5 350 ~ 5 358.4	5 351.526 0	-36.88	0.205	15	Compliance
5 358.4 ~ 26 000	19 891.400 0	-44.84	0.033	2.5	Compliance
High Channel [5 310 MHz]					
30 ~ 5 221.6	5 217.800 0	-46.02	0.025	2.5	Compliance
5 221.6 ~ 5230	5 229.593 0	-38.55	0.140	7.49	Compliance
5 230 ~ 5 249	5 248.629 0	-32.09	0.618	48.23	Compliance
5 249 ~ 5 250	5 249.887 8	-30.73	0.845	386.16	Compliance
5 350 ~ 5 358.4	5 350.152 0	-20.86	8.204	15	Compliance
5 358.4 ~ 26 000	19 891.400 0	-45.22	0.030	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	-31.22	0.755	2.5	Compliance
5 233.3 ~ 5 240	5 239.258 2	-19.69	10.740	12.91	Compliance
5 240 ~ 5 249	5 248.941 0	-49.88	0.010	98.80	Compliance
5 249 ~ 5 249.8	5 249.797 1	-47.71	0.017	626.76	Compliance
5 249.8 ~ 5 250	5 249.954 1	-0.40	912.011	1 625.30	Compliance
5 350 ~ 26 000	19 859.000 0	-44.33	0.037	2.5	Compliance
Middle Channel [5 280 MHz]					
30 ~ 5 233.3	5 229.500 0	-40.78	0.084	2.5	Compliance
5 233.3 ~ 5 240	5 239.219 5	-30.38	0.916	12.77	Compliance
5 240 ~ 5 249	5 248.199 0	-25.98	2.523	84.88	Compliance
5 249 ~ 5 249.8	5 249.638 5	-25.71	2.685	435.01	Compliance
5 249.8 ~ 5 250	5 249.981 3	-25.39	2.891	1 920.73	Compliance
5 350 ~ 26 000	19 889.000 0	-44.64	0.034	2.5	Compliance
High Channel [5 320 MHz]					
30 ~ 5 233.3	5 086.500 0	-48.42	0.014	2.5	Compliance
5 233.3 ~ 5 240	5 239.995 2	-44.59	0.035	15.83	Compliance
5 240 ~ 5 249	5 243.705 0	-42.70	0.054	33.83	Compliance
5 249 ~ 5 249.8	5 249.747 3	-40.18	0.096	558.86	Compliance
5 249.8 ~ 5 250	5 249.965 7	-42.32	0.059	1 745.29	Compliance
5 350 ~ 26 000	15 974.000 0	-44.21	0.038	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	-33.60	0.437	2.5	Compliance
5 221.6 ~ 5230	5 227.429 0	-24.33	3.690	5.56	Compliance
5 230 ~ 5 249	5 248.904 0	-52.83	0.005	49.54	Compliance
5 249 ~ 5 250	5 249.788 0	-7.51	177.419	306.88	Compliance
5 350 ~ 5 358.4	5 353.118 0	-37.06	0.197	15	Compliance
5 358.4 ~ 26 000	15 798.400 0	-45.23	0.030	2.5	Compliance
High Channel [5 310 MHz]					
30 ~ 5 221.6	5 217.800 0	-46.41	0.023	2.5	Compliance
5 221.6 ~ 5230	5 228.499 0	-37.84	0.164	6.44	Compliance
5 230 ~ 5 249	5 247.116 0	-33.07	0.493	41.65	Compliance
5 249 ~ 5 250	5 249.769 2	-30.79	0.834	293.88	Compliance
5 350 ~ 5 358.4	5 355.136 0	-21.98	6.339	15	Compliance
5 358.4 ~ 26 000	19 891.400 0	-44.09	0.039	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	4 935.900 0	-51.64	0.007	2.5	Compliance
5 233.3 ~ 5 240	5 239.801 2	-18.42	14.388	15.00	Compliance
5 240 ~ 5 249	5 248.980 0	-49.30	0.012	99.59	Compliance
5 249 ~ 5 249.8	5 249.741 5	-37.12	0.194	551.44	Compliance
5 249.8 ~ 5 250	5 249.896 8	-35.09	0.310	1 143.23	Compliance
5 350 ~ 26 000	19 829.000 0	-45.23	0.030	2.5	Compliance
Middle Channel [5 280 MHz]					
30 ~ 5 233.3	5 041.300 0	-49.85	0.010	2.5	Compliance
5 233.3 ~ 5 240	5 239.539 4	-30.63	0.865	13.95	Compliance
5 240 ~ 5 249	5 247.092 0	-25.73	2.673	67.67	Compliance
5 249 ~ 5 249.8	5 249.070 0	-23.89	4.083	117.49	Compliance
5 249.8 ~ 5 250	5 249.912 7	-24.52	3.532	1 260.47	Compliance
5 350 ~ 26 000	19 530.000 0	-45.46	0.028	2.5	Compliance
High Channel [5 320 MHz]					
30 ~ 5 233.3	5 139.200 0	-44.27	0.037	2.5	Compliance
5 233.3 ~ 5 240	5 236.281 5	-42.43	0.057	5.67	Compliance
5 240 ~ 5 249	5 248.707 0	-41.27	0.075	94.18	Compliance
5 249 ~ 5 249.8	5 249.137 2	-40.49	0.089	137.15	Compliance
5 249.8 ~ 5 250	5 249.893 1	-41.35	0.073	1 117.55	Compliance
5 350 ~ 26 000	5 365.000 0	-35.73	0.267	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	-35.96	0.254	2.5	Compliance
5 221.6 ~ 5230	5 229.702 0	-23.41	4.560	7.60	Compliance
5 230 ~ 5 249	5 248.821 0	-55.55	0.003	49.14	Compliance
5 249 ~ 5 250	5 249.963 1	-4.05	393.550	459.27	Compliance
5 350 ~ 5 358.4	5 350.869 0	-37.14	0.193	15	Compliance
5 358.4 ~ 26 000	19 831.400 0	-44.91	0.032	2.5	Compliance
High Channel [5 310 MHz]					
30 ~ 5 221.6	5 217.800 0	-46.95	0.020	2.5	Compliance
5 221.6 ~ 5230	5 228.559 0	-36.28	0.236	6.49	Compliance
5 230 ~ 5 249	5 247.281 0	-33.68	0.429	42.32	Compliance
5 249 ~ 5 250	5 249.627 4	-32.02	0.628	212.02	Compliance
5 350 ~ 5 358.4	5 352.437 0	-20.89	8.147	15	Compliance
5 358.4 ~ 26 000	5 373.400 0	-34.82	0.330	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	-36.98	0.200	12.5	Compliance
5 730 ~ 26 000	16 481.000 0	-43.48	0.045	12.5	Compliance
Middle Channel [5 600 MHz]					
30 ~ 5 470	5 403.100 0	-47.13	0.019	12.5	Compliance
5 730 ~ 26 000	19 854.000 0	-44.52	0.035	12.5	Compliance
High Channel [5 720 MHz]					
30 ~ 5 470	5 442.400 0	-47.16	0.019	12.5	Compliance
5 730 ~ 26 000	5 745.000 0	-54.27	0.004	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	-40.34	0.092	2.5	Compliance
5 460 ~ 5 470	5 469.978 0	-26.43	2.275	12.5	Compliance
5 745 ~ 5 765	5 746.056 0	-44.30	0.037	12.5	Compliance
5 765 ~ 26 000	19 836.000 0	-45.10	0.031	2.5	Compliance
Middle Channel [5 600 MHz]					
30 ~ 5 460	5 322.500 0	-45.98	0.025	2.5	Compliance
5 460 ~ 5 470	5 463.524 0	-42.30	0.059	12.5	Compliance
5 745 ~ 5 765	5 757.808 0	-41.83	0.066	12.5	Compliance
5 765 ~ 26 000	19 836.000 0	-45.14	0.031	2.5	Compliance
High Channel [5 720 MHz]					
30 ~ 5 460	5 408.900 0	-49.35	0.012	2.5	Compliance
5 460 ~ 5 470	5 468.227 0	-42.37	0.058	12.5	Compliance
5 745 ~ 5 765	5 746.548 0	-21.67	6.808	12.5	Compliance
5 765 ~ 26 000	5 780.000 0	-41.00	0.079	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	-37.40	0.182	12.5	Compliance
5 460 ~ 5 470	5 468.734 0	-26.62	2.178	50	Compliance
5 770 ~ 26 000	19 867.000 0	-45.16	0.030	12.5	Compliance
Middle Channel [5 590 MHz]					
30 ~ 5 460	5 385.300 0	-47.42	0.018	12.5	Compliance
5 460 ~ 5 470	5 464.146 0	-41.98	0.063	50	Compliance
5 770 ~ 26 000	19 515.000 0	-45.13	0.031	12.5	Compliance
High Channel [5 710 MHz]					
30 ~ 5 460	5 401.100 0	-47.09	0.020	12.5	Compliance
5 460 ~ 5 470	5 464.363 0	-43.25	0.047	50	Compliance
5 770 ~ 26 000	5 785 000.0	-40.12	0.097	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	-38.43	0.144	2.5	Compliance
5 460 ~ 5 470	5 468.459 0	-27.15	1.928	12.5	Compliance
5 745 ~ 5 765	5 750.137 0	-42.12	0.061	12.5	Compliance
5 765 ~ 26 000	19 865.000 0	-45.83	0.026	2.5	Compliance
Middle Channel [5 600 MHz]					
30 ~ 5 460	5 440.400 0	-46.15	0.024	2.5	Compliance
5 460 ~ 5 470	5 463.741 0	-41.93	0.064	12.5	Compliance
5 745 ~ 5 765	5 752.974 0	-42.09	0.062	12.5	Compliance
5 765 ~ 26 000	19 865.000 0	-44.75	0.033	2.5	Compliance
High Channel [5 720 MHz]					
30 ~ 5 460	5 401.100 0	-50.14	0.010	2.5	Compliance
5 460 ~ 5 470	5 466.925 0	-45.51	0.028	12.5	Compliance
5 745 ~ 5 765	5 745.507 0	-22.21	6.012	12.5	Compliance
5 765 ~ 26 000	5 780.000 0	-41.49	0.071	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	-36.48	0.225	12.5	Compliance
5 460 ~ 5 470	5 468.936 0	-25.13	3.069	50	Compliance
5 770 ~ 26 000	19 837.000 0	-44.81	0.033	12.5	Compliance
Middle Channel [5 590 MHz]					
30 ~ 5 460	5 369.600 0	-48.28	0.015	12.5	Compliance
5 460 ~ 5 470	5 465.651 0	-41.70	0.068	50	Compliance
5 770 ~ 26 000	19 867.000 0	-44.63	0.034	12.5	Compliance
High Channel [5 710 MHz]					
30 ~ 5 460	5 456.100 0	-49.15	0.012	12.5	Compliance
5 460 ~ 5 470	5 466.288 0	-43.57	0.044	50	Compliance
5 770 ~ 26 000	5 785.000 0	-34.08	0.391	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	-38.91	0.129	2.5	Compliance
5 460 ~ 5 470	5 469.313 0	-27.59	1.742	12.5	Compliance
5 745 ~ 5 765	5 745.217 0	-43.29	0.047	12.5	Compliance
5 765 ~ 26 000	19 894.000 0	-45.03	0.031	2.5	Compliance
Middle Channel [5 600 MHz]					
30 ~ 5 460	5 385.300 0	-45.50	0.028	2.5	Compliance
5 460 ~ 5 470	5 469.602 0	-42.96	0.051	12.5	Compliance
5 745 ~ 5 765	5 758.039 0	-43.45	0.045	12.5	Compliance
5 765 ~ 26 000	19 865.000 0	-43.01	0.050	2.5	Compliance
High Channel [5 720 MHz]					
30 ~ 5 460	4 576.000 0	-52.75	0.005	2.5	Compliance
5 460 ~ 5 470	5 469.776 0	-45.37	0.029	12.5	Compliance
5 745 ~ 5 765	5 745.564 0	-21.48	7.112	12.5	Compliance
5 765 ~ 26 000	5 780.000 0	-41.98	0.063	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	-34.66	0.342	12.5	Compliance
5 460 ~ 5 470	5 469.313 0	-25.18	3.034	50	Compliance
5 770 ~ 26 000	19 837.000 0	-44.86	0.033	12.5	Compliance
Middle Channel [5 590 MHz]					
30 ~ 5 460	5 346.100 0	-47.53	0.018	12.5	Compliance
5 460 ~ 5 470	5 469.356 0	-43.14	0.049	50	Compliance
5 770 ~ 26 000	19 808.000 0	-45.21	0.030	12.5	Compliance
High Channel [5 710 MHz]					
30 ~ 5 460	5 456.100 0	-49.09	0.012	12.5	Compliance
5 460 ~ 5 470	5 469.573 0	-43.62	0.043	50	Compliance
5 770 ~ 26 000	5 785.000 0	-40.40	0.091	12.5	Compliance



5.5.6 Test Plot

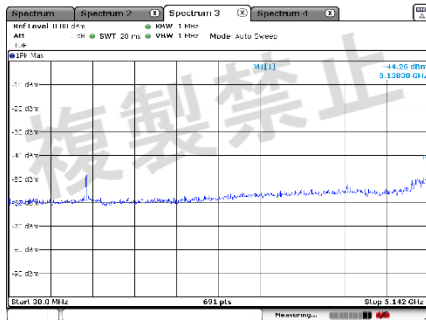
■ W52

■ 802.11a

CH Low

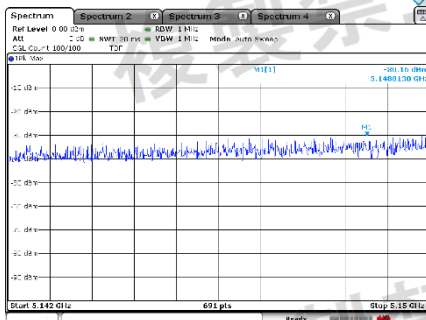
30 MHz ~ 5 142 MHz(Search)

30 MHz ~ 5 142 MHz(Detail)



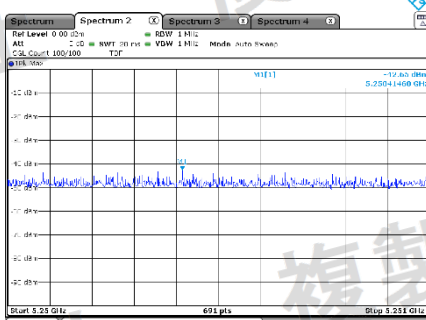
5 142 ~ 5 150 MHz(Search)

5 142 ~ 5 150 MHz(Detail)



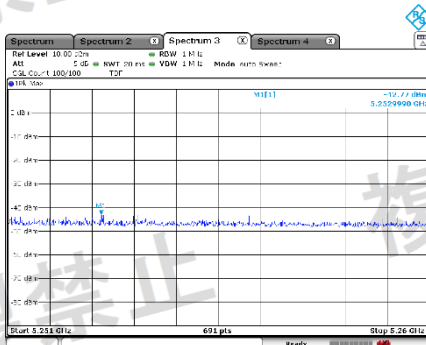
5 250 ~ 5 251 MHz(Search)

5 250 ~ 5 251 MHz(Detail)



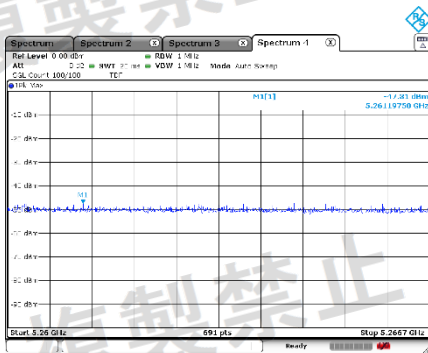
5 251 ~ 5 260 MHz(Search)

5 251 ~ 5 260 MHz(Detail)



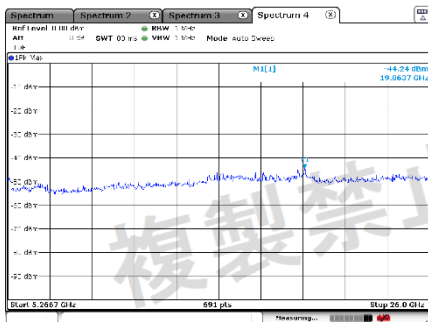


5 260 ~ 5 266.7 MHz(Search)



5 266.7 MHz(Deatil)

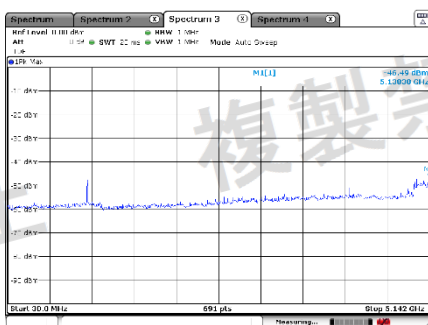
5 266.7 MHz ~ 26 GHz(Search)



5 266.7 MHz ~ 26 GHz(Detail)

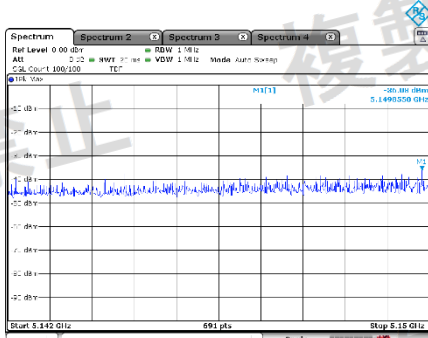
CH Middle

30 MHz ~ 5 142 MHz(Search)



30 MHz ~ 5 142 MHz(Detail)

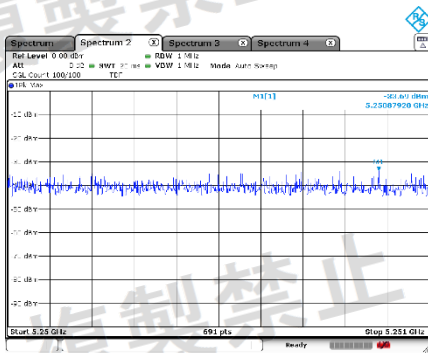
5 142 ~ 5 150 MHz(Search)



5 142 ~ 5 150 MHz(Detail)

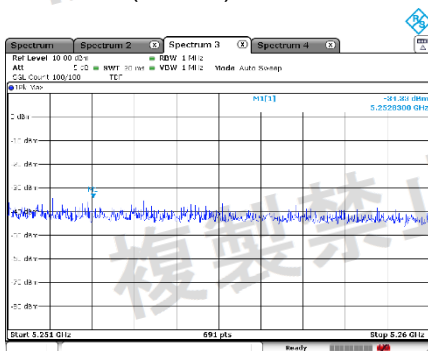


5 250 ~ 5 251 MHz(Search)



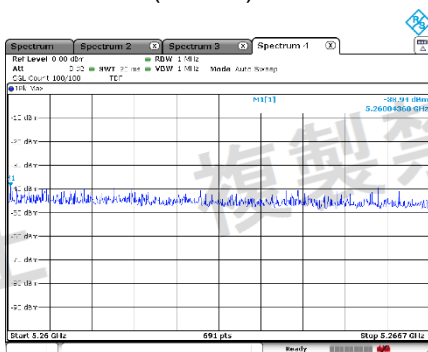
5 250 ~ 5 251 MHz(Detail)

5 251 ~ 5 260 MHz(Search)



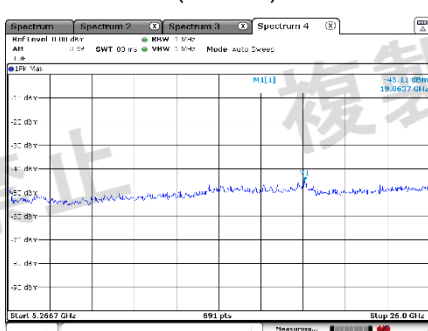
5 251 ~ 5 260 MHz(Detail)

5 260 ~ 5 266.7 MHz(Search)



5 266.7 MHz(Deatil)

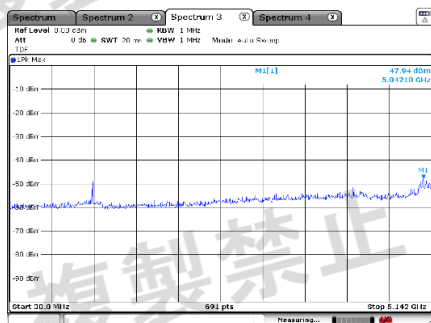
5 266.7 MHz ~ 26 GHz(Search)



5 266.7 MHz ~ 26 GHz(Detail)

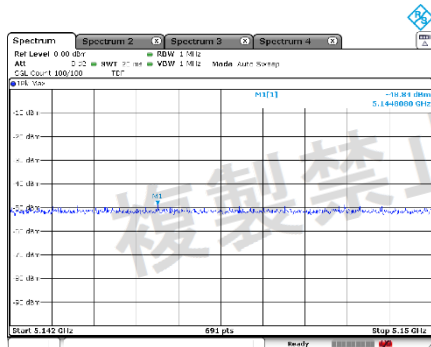
CH High

30 MHz ~ 5 142 MHz(Search)



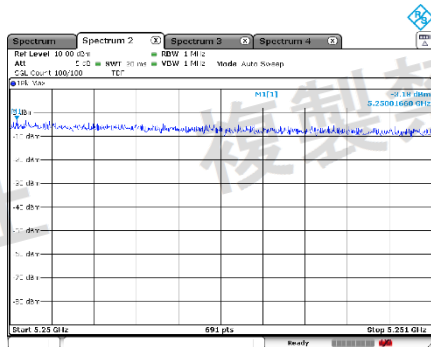
30 MHz ~ 5 142 MHz(Detail)

5 142 ~ 5 150 MHz(Search)



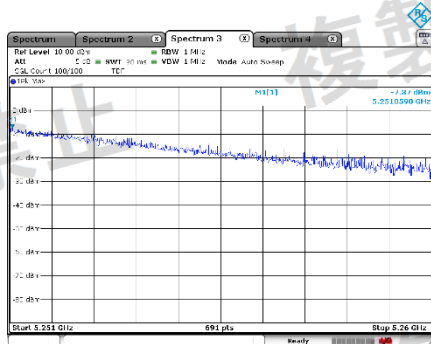
5 142 ~ 5 150 MHz(Detail)

5 250 ~ 5 251 MHz(Search)

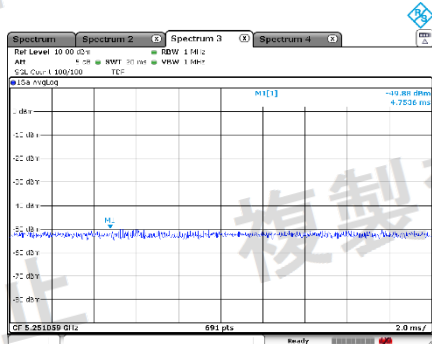


5 250 ~ 5 251 MHz(Detail)

5 251 ~ 5 260 MHz(Search)

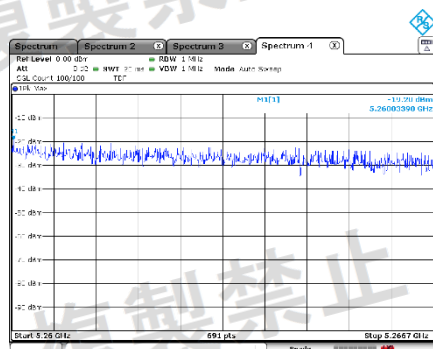


5 251 ~ 5 260 MHz(Detail)



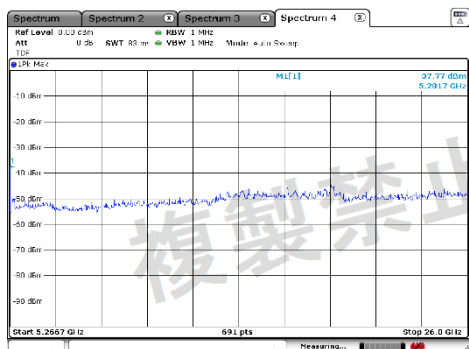


5 260 MHz ~ 5 266.7 MHz(Search)



5 260 MHz ~ 5 266.7 MHz(Detail)

5 266.7 MHz ~ 26 GHz(Search)

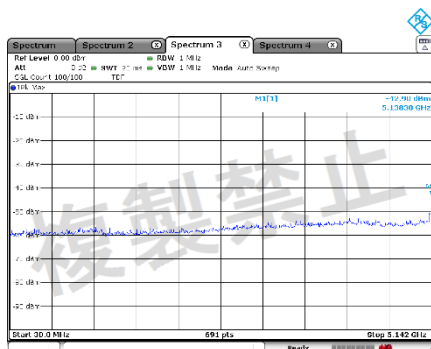


5 266.7 MHz ~ 26 GHz(Detail)

■802.11n(HT20)

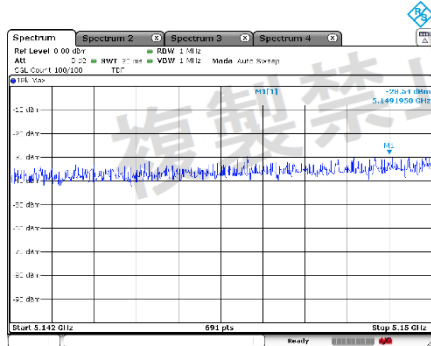
CH Low

30 MHz ~ 5 142 MHz(Search)

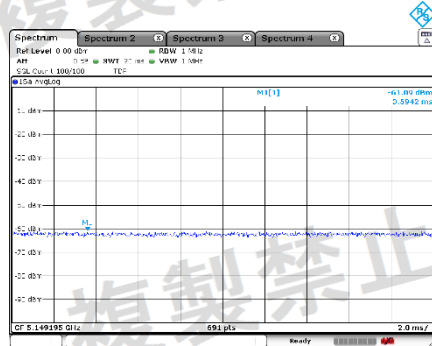


30 MHz ~ 5 142 MHz(Detail)

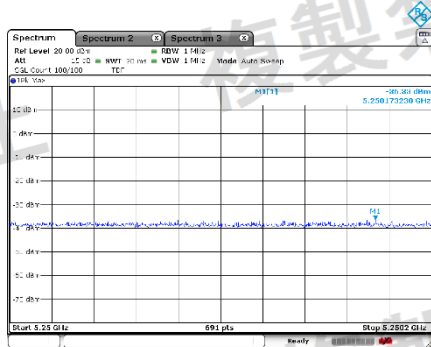
5 142 ~ 5 150 MHz(Search)



5 142 ~ 5 150 MHz(Detail)



5 250 ~ 5 250.2 MHz(Search)



5 250 ~ 5 250.2 MHz(Detail)



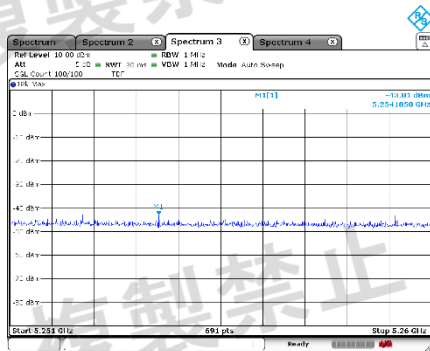
5 250.2 MHz ~ 5 251 MHz(Search)



5 250.2 MHz ~ 5 251 MHz(Detail)

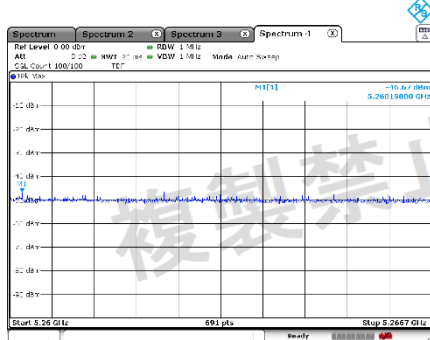


5 251 ~ 5 260 MHz(Search)



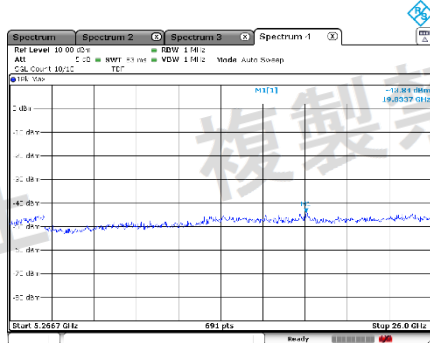
5 251 ~ 5 260 MHz(Detail)

5 260 ~ 5 266.7 MHz(Search)



5 266.7 MHz(Deatil)

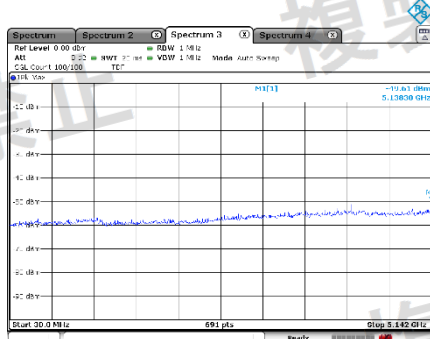
5 266.7 MHz ~ 26 GHz(Search)



5 266.7 MHz ~ 26 GHz(Detail)

CH Middle

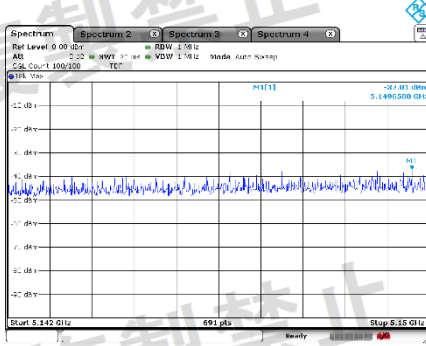
30 MHz ~ 5 142 MHz(Search)



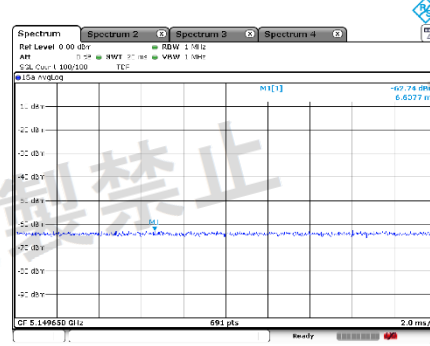
30 MHz ~ 5 142 MHz(Detail)

5 142 ~ 5 150 MHz(Search)

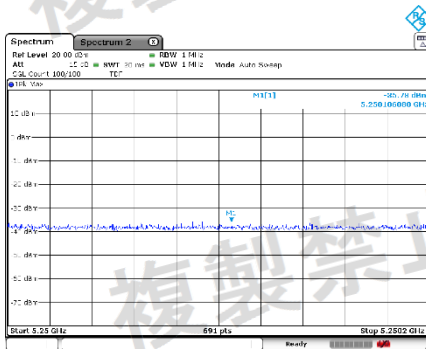
5 142 ~ 5 150 MHz(Detail)



5 250 ~ 5 250.2 MHz(Search)



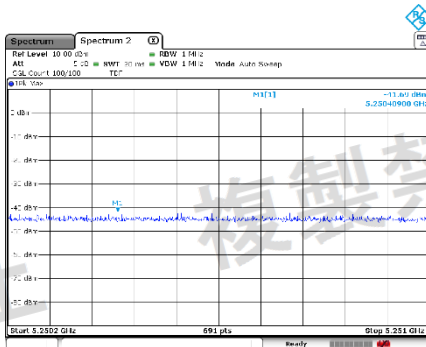
5 250 ~ 5 250.2 MHz(Detail)



5 250.2 ~ 5 251 MHz(Search)



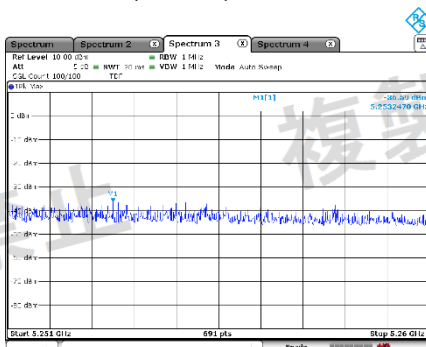
5 250.2 ~ 5 251 MHz(Detail)



5 251 ~ 5 260 MHz(Search)

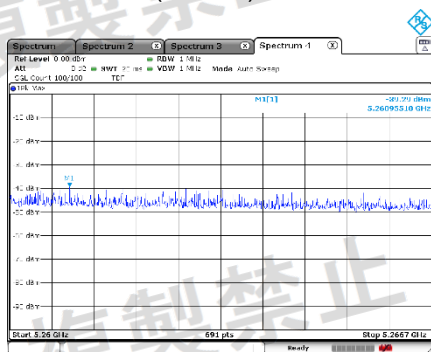


5 251 ~ 5 260 MHz(Detail)



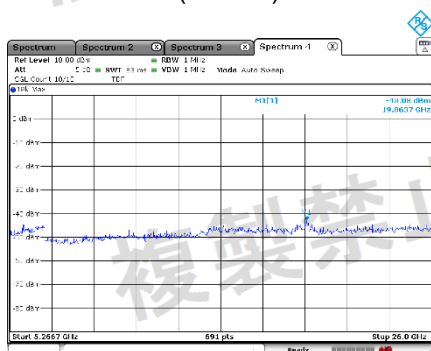


5 260 ~ 5 266.7 MHz(Search)



5 260 ~ 5 266.7 MHz(Detail)

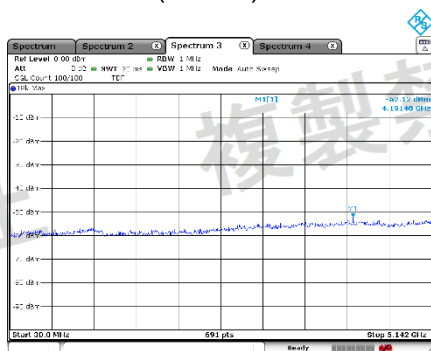
5 266.7 MHz ~ 26 GHz(Search)



5 266.7 MHz ~ 26 GHz(Detail)

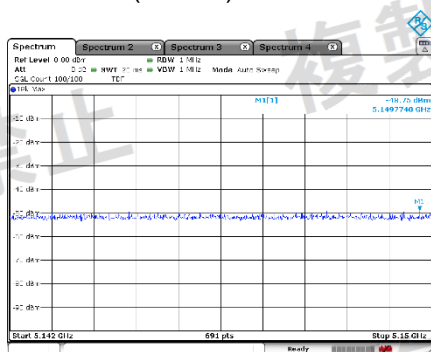
CH High

30 MHz ~ 5 142 MHz(Search)



30 MHz ~ 5 142 MHz(Detail)

5 142 ~ 5 150 MHz(Search)



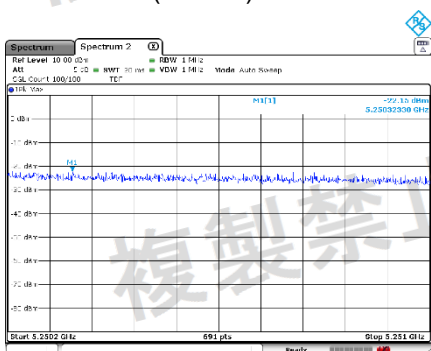
5 142 ~ 5 150 MHz(Detail)

5 250 ~ 5 250.2 MHz(Search)



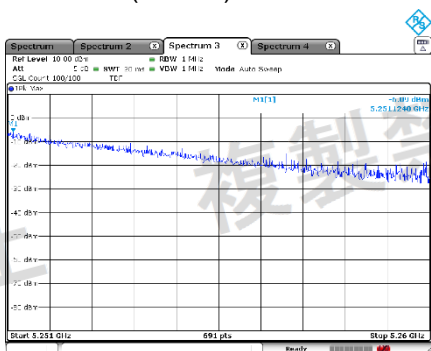
5 250 ~ 5 250.2 MHz(Detail)

5 250.2 ~ 5 251 MHz(Search)

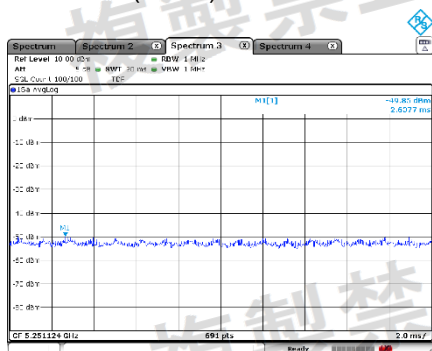


5 250.2 ~ 5 251 MHz(Detail)

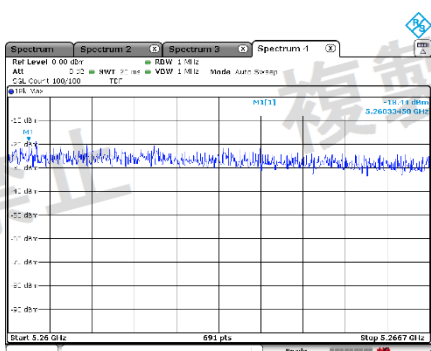
5 251 ~ 5 260 MHz(Search)



5 251 ~ 5 260 MHz(Detail)



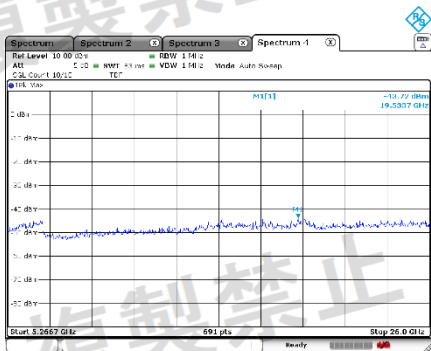
5 260 ~ 5 266.7 MHz





5 266.7 MHz ~ 26 GHz(Search)

5 266.7 MHz ~ 26 GHz(Detail)

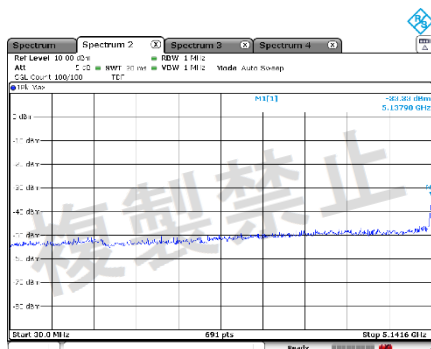


802.11n(HT40)

CH Low

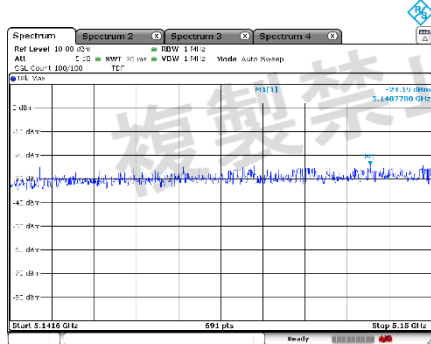
30 MHz ~ 5 141.6 MHz(Search)

30 MHz ~ 5 141.6 MHz(Detail)



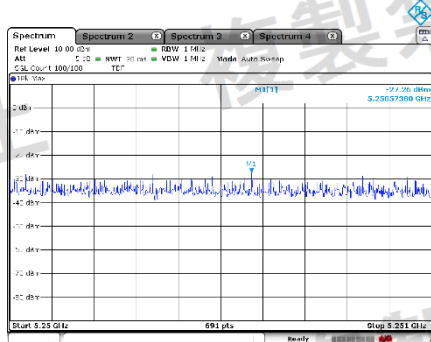
5 141.6 ~ 5 150 MHz(Search)

5 141.6 ~ 5 150 MHz(Detail)



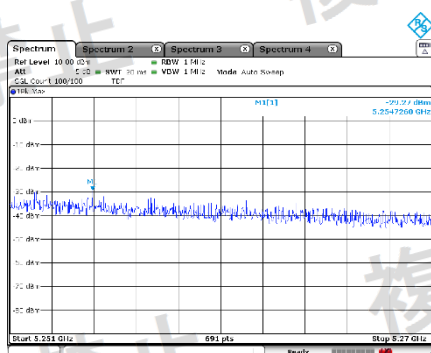
5 250 ~ 5 251 MHz(Search)

5 250 ~ 5 251 MHz(Detail)

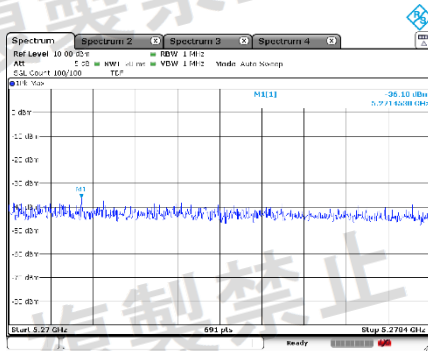


5 251 ~ 5 270 MHz(Search)

5 251 ~ 5 270 MHz(Detail)

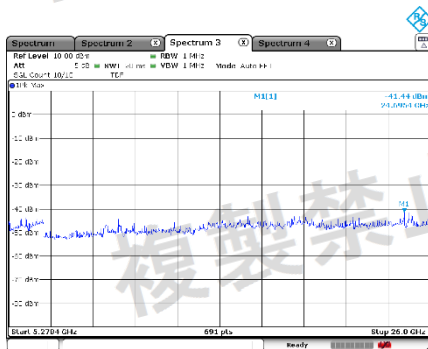


5 270 ~ 5 278.4 MHz(Search)



5 270 ~ 5 278.4 MHz(Detail)

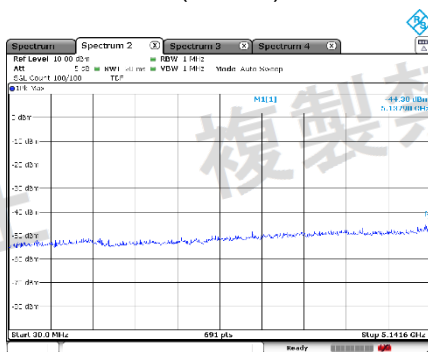
5 278.4 MHz ~ 26 GHz(Search)



5 278.4 MHz ~ 26 GHz(Detail)

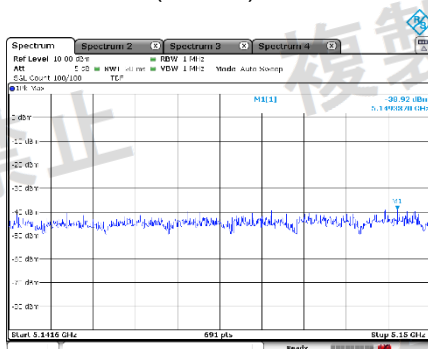
CH High

30 MHz ~ 5 141.6 MHz(Search)



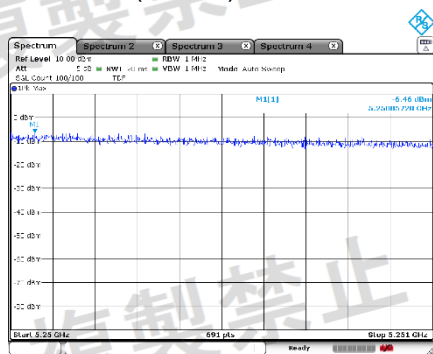
30 MHz ~ 5 141.6 MHz(Detail)

5 141.6 ~ 5 150 MHz(Search)



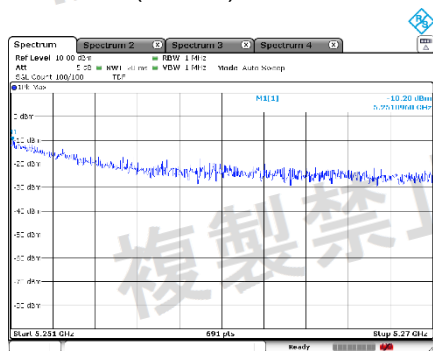
5 141.6 ~ 5 150 MHz(Detail)

5 250 ~ 5 251 MHz(Search)

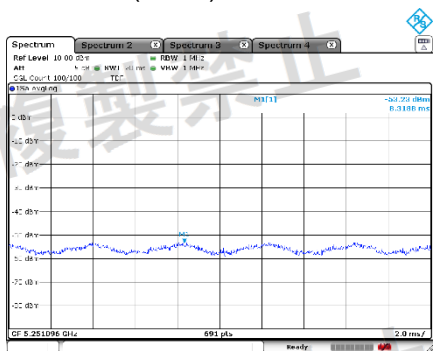


5 250 ~ 5 251 MHz(Detail)

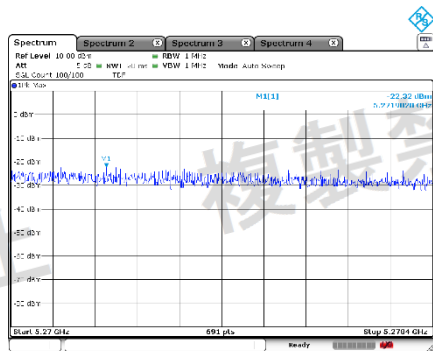
5 251 ~ 5 270 MHz(Search)



5 251 ~ 5 270 MHz(Detail)



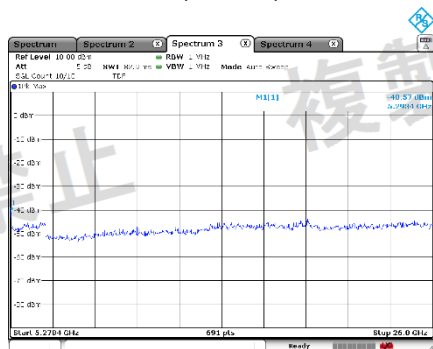
5 270 ~ 5 278.4 MHz(Search)



5 270 ~ 5 278.4 MHz(Detail)



5 278.4 MHz ~ 26 GHz(Search)



5 278.4 MHz ~ 26 GHz(Detail)

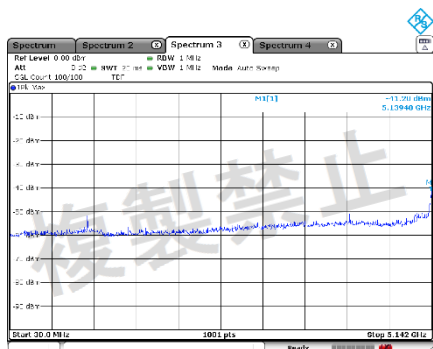


■802.11ac(VHT20)

CH Low

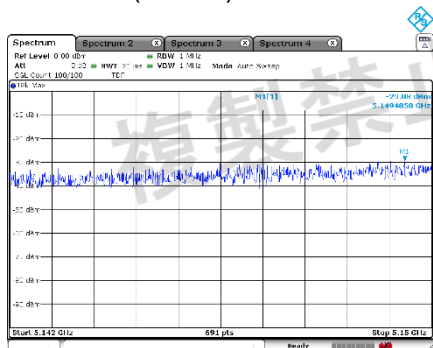
30 MHz ~ 5 142 MHz(Search)

30 MHz ~ 5 142 MHz(Detail)



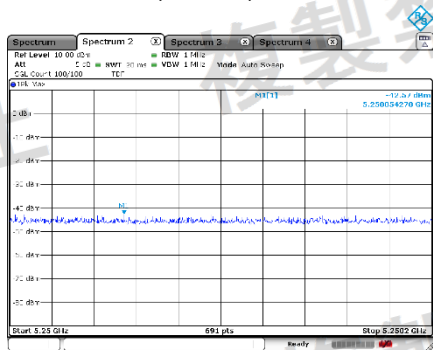
5 142 ~ 5 150 MHz(Search)

5 142 ~ 5 150 MHz(Detail)



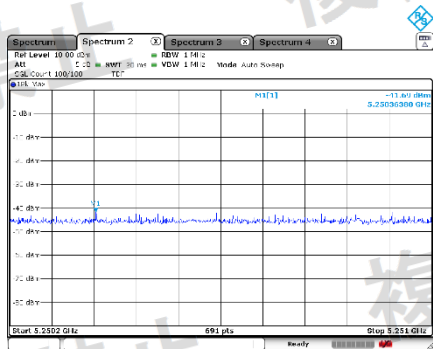
5 250 ~ 5 250.2 MHz(Search)

5 250 ~ 5 250.2 MHz(Detail)



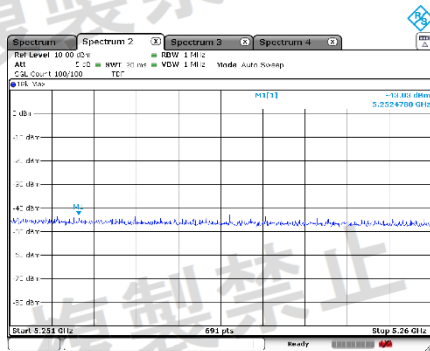
5 250.2 ~ 5 251 MHz(Search)

5 250.2 ~ 5 251 MHz(Detail)



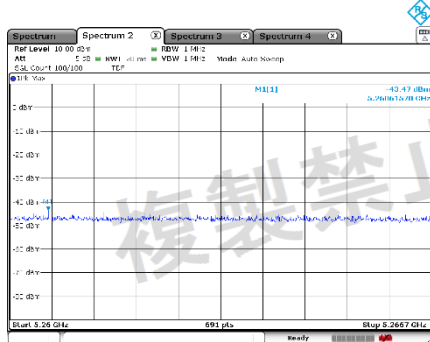


5 251 ~ 5 260 MHz(Search)



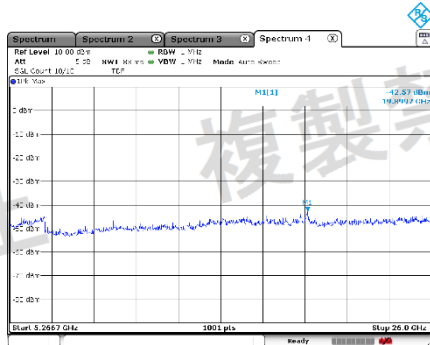
5 251 ~ 5 260 MHz(Detail)

5 260 ~ 5 266.7 MHz(Search)



5 266.7 MHz(Deatil)

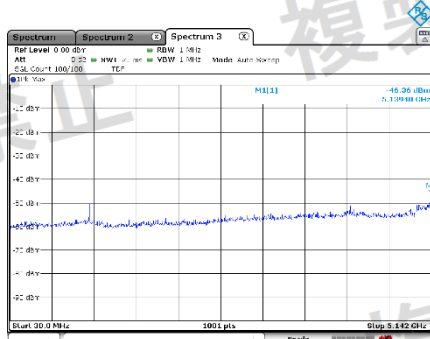
5 266.7 MHz ~ 26 GHz(Search)



5 266.7 MHz ~ 26 GHz(Detail)

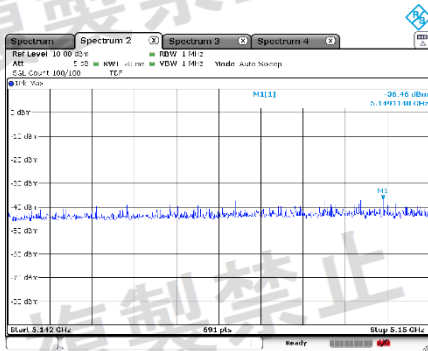
CH Middle

30 MHz ~ 5 142 MHz(Search)



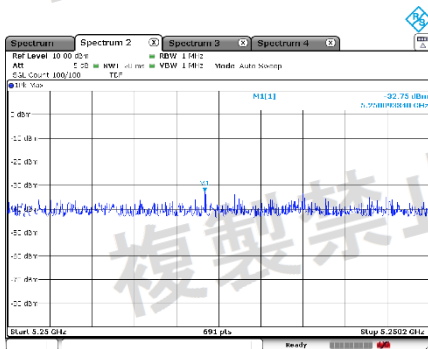
30 MHz ~ 5 142 MHz(Detail)

5 142 ~ 5 150 MHz(Search)



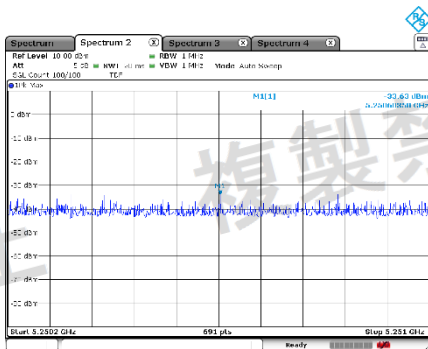
5 142 ~ 5 150 MHz(Detail)

5 250 ~ 5 250.2 MHz(Search)



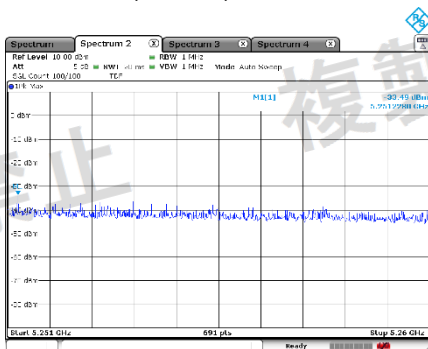
5 250 ~ 5 250.2 MHz(Detail)

5 250.2 ~ 5 251 MHz(Search)



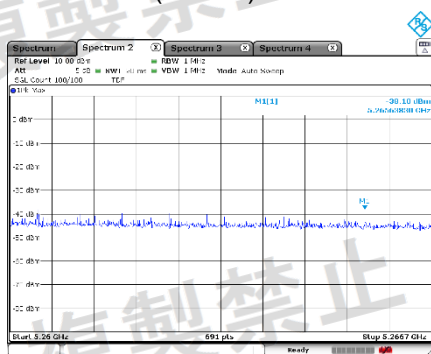
5 250.2 ~ 5 251 MHz(Detail)

5 251 ~ 5 260 MHz(Search)



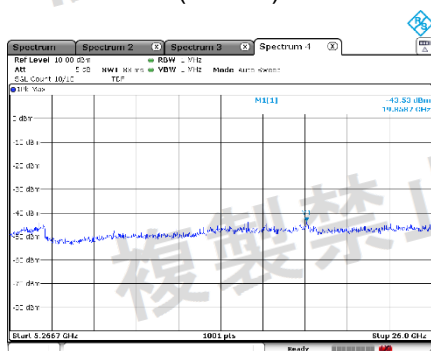
5 251 ~ 5 260 MHz(Detail)

5 260 ~ 5 266.7 MHz(Search)



5 266.7 MHz(Deatil)

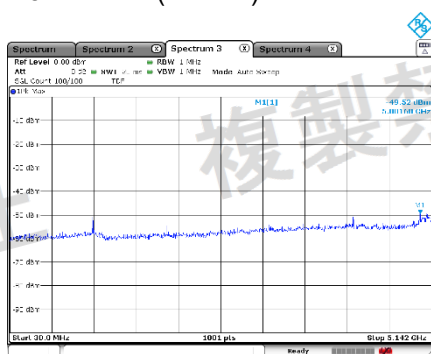
5 266.7 MHz ~ 26 GHz(Search)



5 266.7 MHz ~ 26 GHz(Detail)

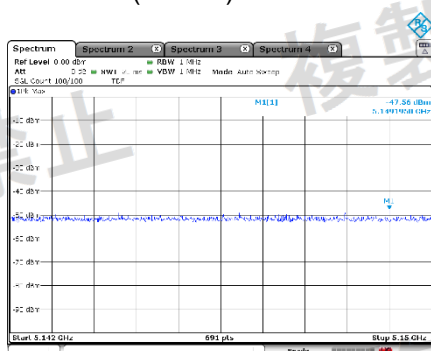
CH High

30 MHz ~ 5 142 MHz(Search)



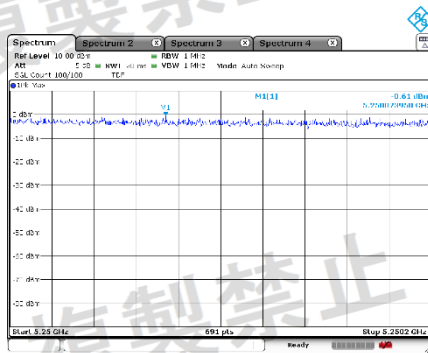
30 MHz ~ 5 142 MHz(Detail)

5 142 ~ 5 150 MHz(Search)

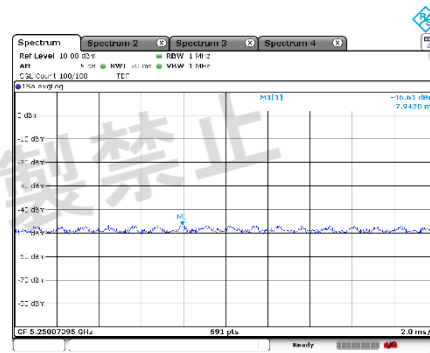


5 142 ~ 5 150 MHz(Detail)

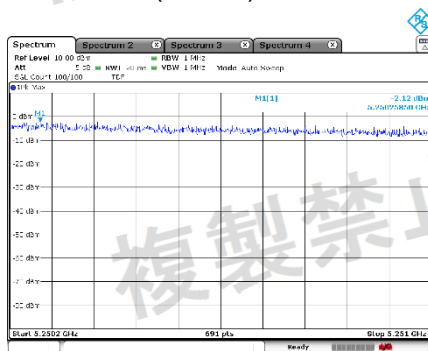
5 250 ~ 5 250.2 MHz(Search)



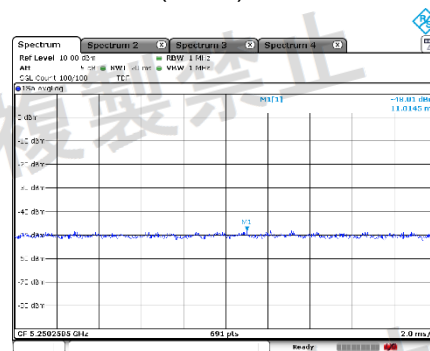
5 250 ~ 5 250.2 MHz(Detail)



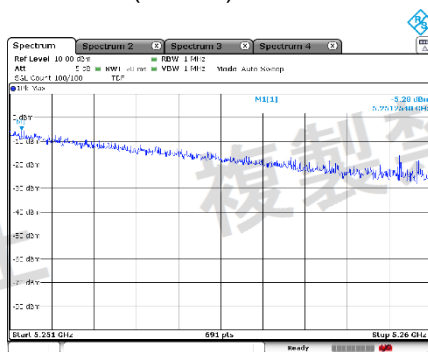
5 250.2 ~ 5 251 MHz(Search)



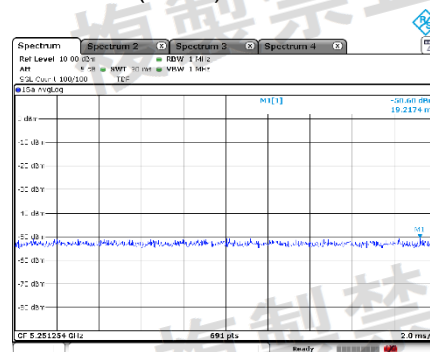
5 250.2 ~ 5 251 MHz(Detail)



5 251 ~ 5 260 MHz(Search)

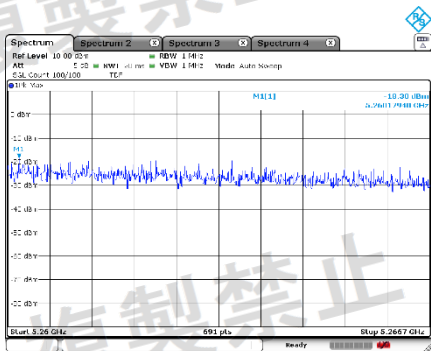


5 251 ~ 5 260 MHz(Detail)



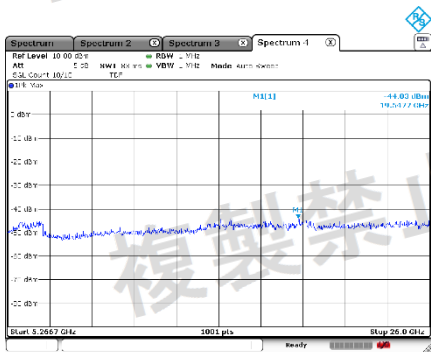


5 260 ~ 5 266.7 MHz(Search)



5 266.7 MHz(Deatil)

5 266.7 MHz ~ 26 GHz(Search)



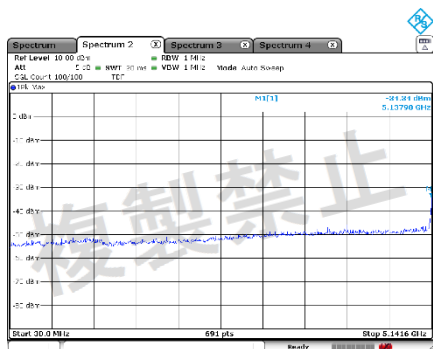
5 266.7 MHz ~ 26 GHz(Detail)

802.11ac(VHT40)

CH Low

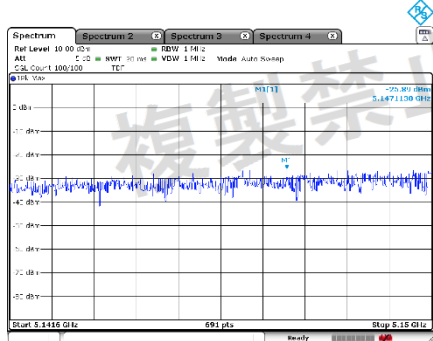
30 MHz ~ 5 141.6 MHz(Search)

30 MHz ~ 5 141.6 MHz(Detail)



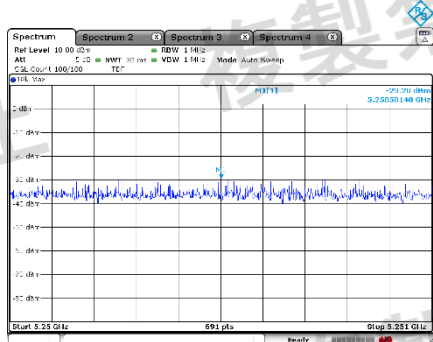
5 141.6 ~ 5 150 MHz(Search)

5 141.6 ~ 5 150 MHz(Detail)



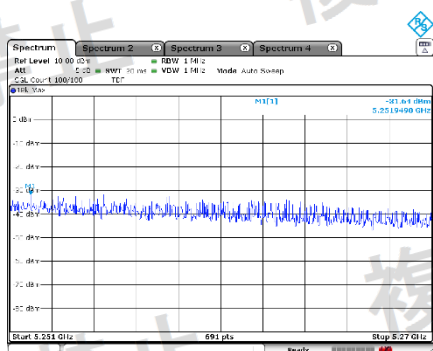
5 250 ~ 5 251 MHz(Search)

5 250 ~ 5 251 MHz(Detail)



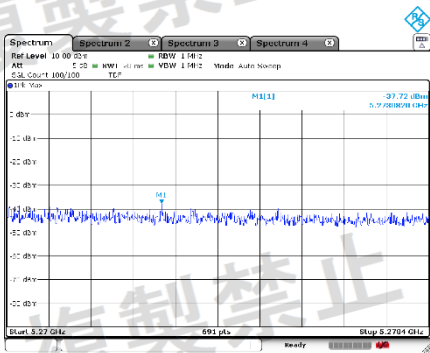
5 251 ~ 5 270 MHz(Search)

5 251 ~ 5 270 MHz(Detail)



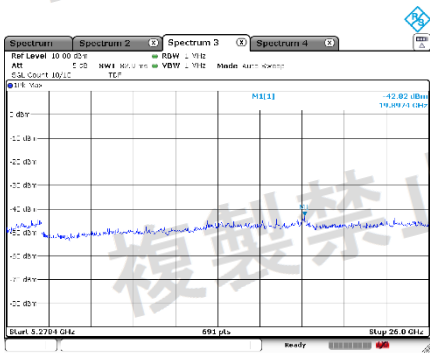


5 270 ~ 5 278.4 MHz(Search)



5 270 ~ 5 266.7 MHz(Detail)

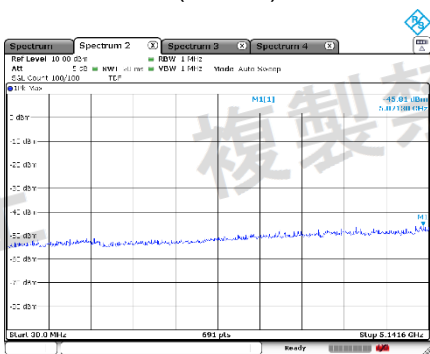
5 278.4 MHz ~ 26 GHz(Search)



5 266.7 MHz ~ 26 GHz(Detail)

CH High

30 MHz ~ 5 141.6 MHz(Search)



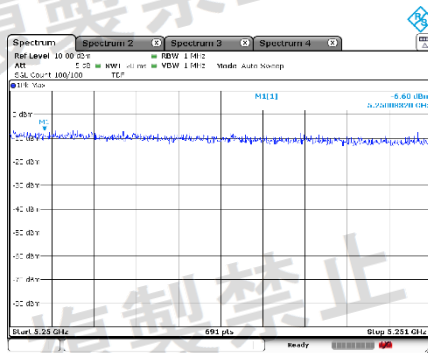
30 MHz ~ 5 141.6 MHz(Detail)

5 141.6 ~ 5 150 MHz(Search)



5 141.6 ~ 5 150 MHz(Detail)

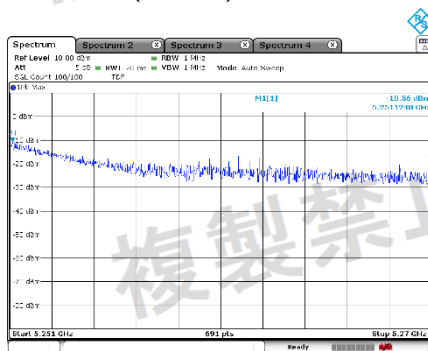
5 250 ~ 5 251 MHz(Search)



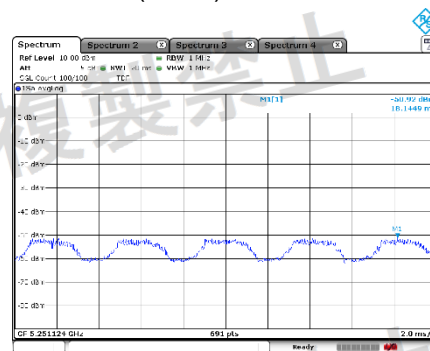
5 250 ~ 5 251 MHz(Detail)



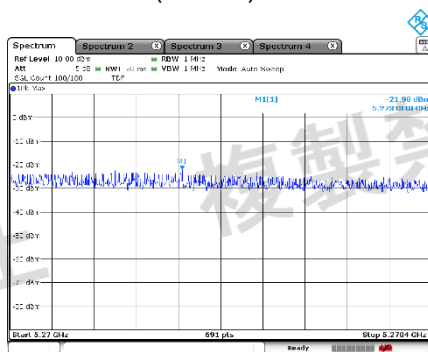
5 251 ~ 5 270 MHz(Search)



5 251 ~ 5 270 MHz(Detail)



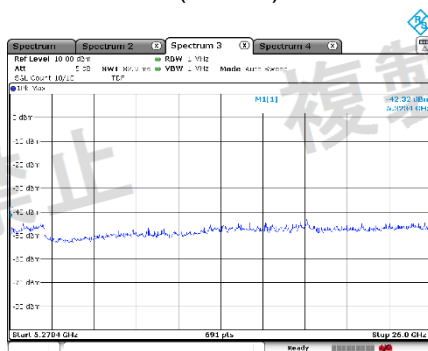
5 270 ~ 5 278.4 MHz(Search)



5 270 ~ 5 278.4 MHz(Detail)



5 266.7 MHz ~ 26 GHz(Search)



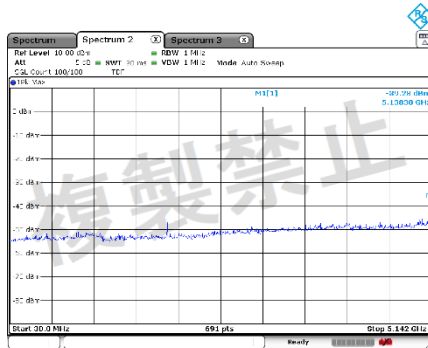
5 266.7 MHz ~ 26 GHz(Detail)



802.11ax(HE20)

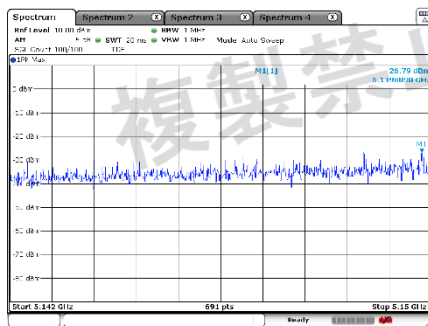
CH Low

30 MHz ~ 5 142 MHz(Search)



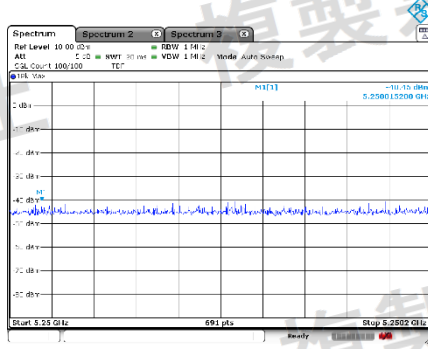
30 MHz ~ 5 142 MHz(Detail)

5 142 ~ 5 150 MHz(Search)



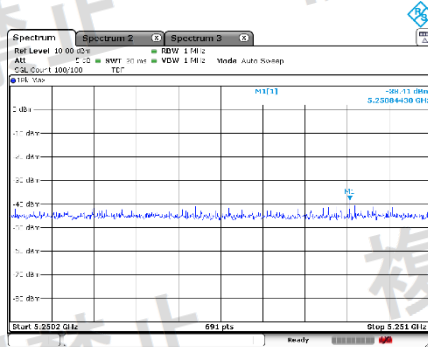
5 142 ~ 5 150 MHz(Detail)

5 250 ~ 5 250.2 MHz(Search)



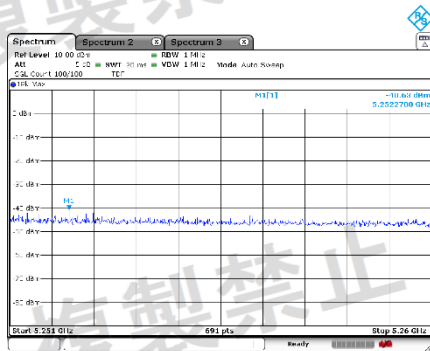
5 250 ~ 5 250.2 MHz(Detail)

5 250.2 ~ 5 251 MHz(Search)



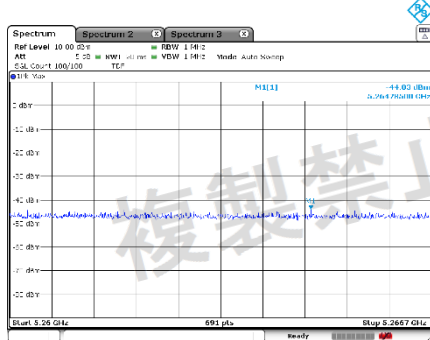
5 250.2 ~ 5 251 MHz(Detail)

5 251 ~ 5 260 MHz(Search)



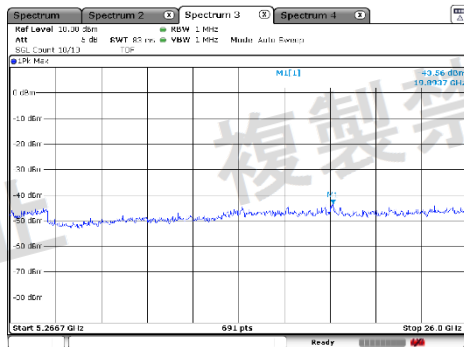
5 251 ~ 5 260 MHz(Detail)

5 260 ~ 5 266.7 MHz(Search)



5 266.7 MHz(Deatil)

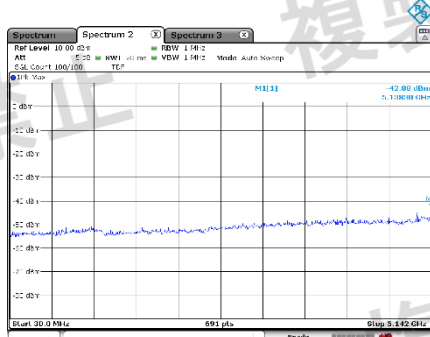
5 266.7 MHz ~ 26 GHz(Search)



5 266.7 MHz ~ 26 GHz(Detail)

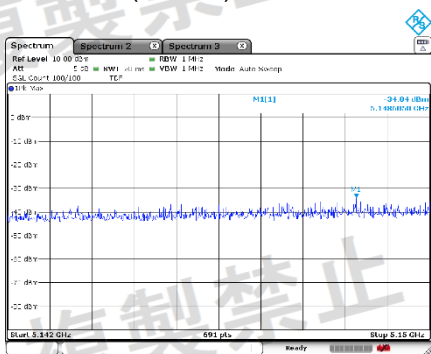
CH Middle

30 MHz ~ 5 142 MHz(Search)



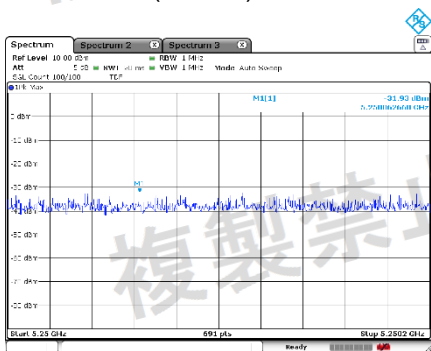
30 MHz ~ 5 142 MHz(Detail)

5 142 ~ 5 150 MHz(Search)



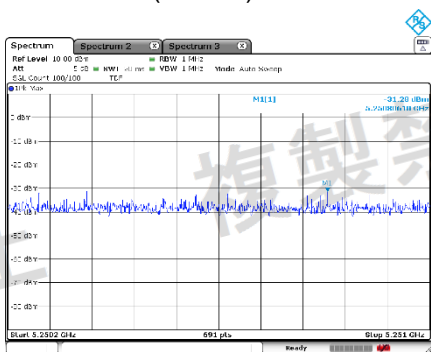
5 142 ~ 5 150 MHz(Detail)

5 250 ~ 5 250.2 MHz(Search)



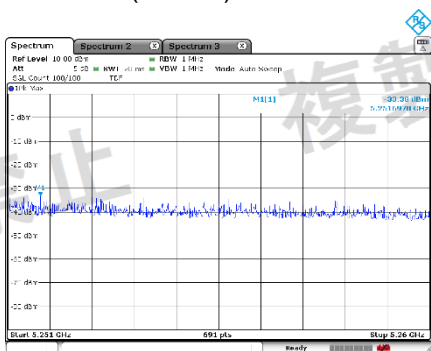
5 250 ~ 5 250.2 MHz(Detail)

5 250.2 ~ 5 251 MHz(Search)



5 250.2 ~ 5 251 MHz(Detail)

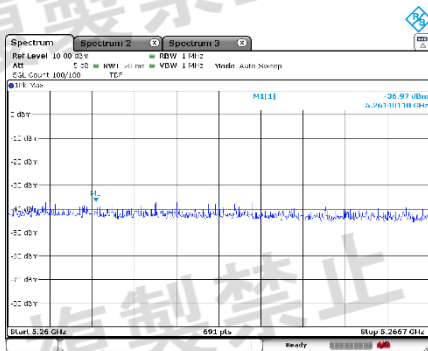
5 251 ~ 5 260 MHz(Search)



5 251 ~ 5 260 MHz(Detail)

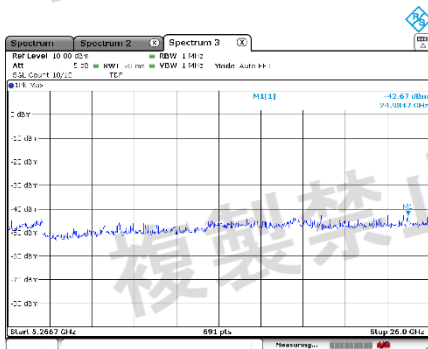
5 260 ~ 5 266.7 MHz(Search)

5 266.7 MHz(Deatil)



5 266.7 MHz ~ 26 GHz(Search)

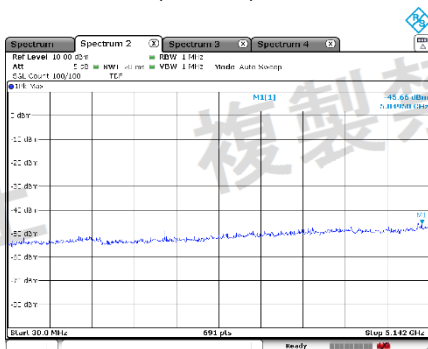
5 266.7 MHz ~ 26 GHz(Detail)



CH High

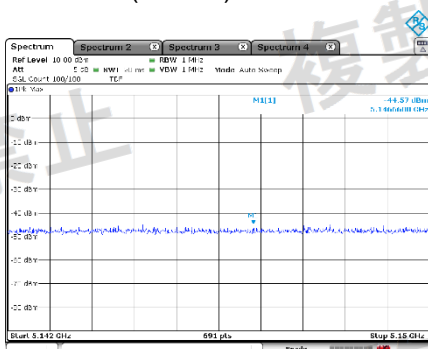
30 MHz ~ 5 142 MHz(Search)

30 MHz ~ 5 142 MHz(Detail)

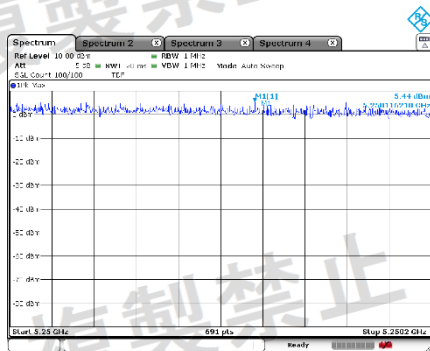


5 142 ~ 5 150 MHz(Search)

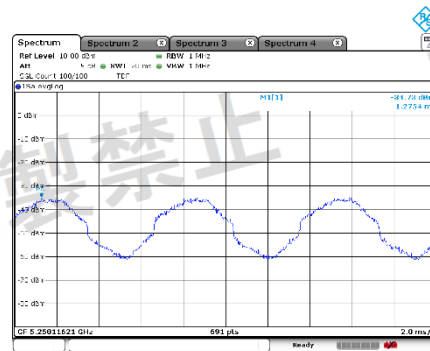
5 142 ~ 5 150 MHz(Detail)



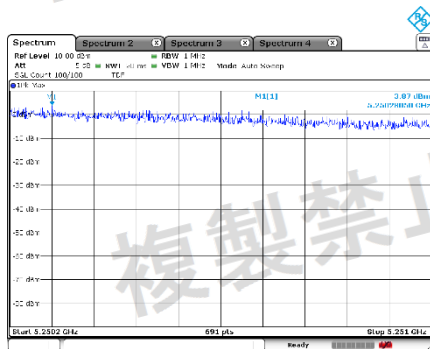
5 250 ~ 5 250.2 MHz(Search)



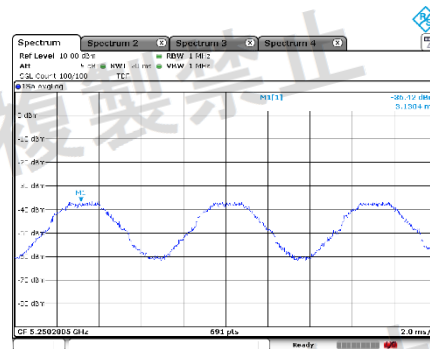
5 250 ~ 5 250.2 MHz(Detail)



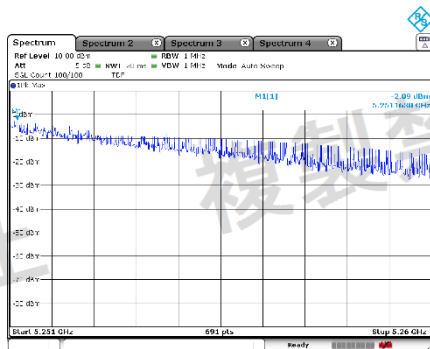
5 250.2 ~ 5 251 MHz(Search)



5 250.2 ~ 5 251 MHz(Detail)



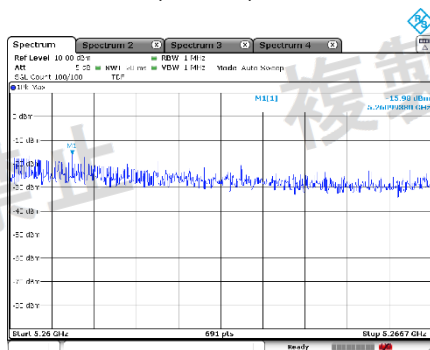
5 251 ~ 5 260 MHz(Search)



5 251 ~ 5 260 MHz(Detail)



5 260 ~ 5 266.7 MHz(Search)



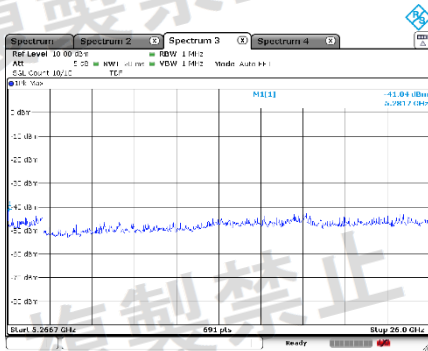
5 266.7 MHz(Deatil)





5 266.7 MHz ~ 26 GHz(Search)

5 266.7 MHz ~ 26 GHz(Detail)



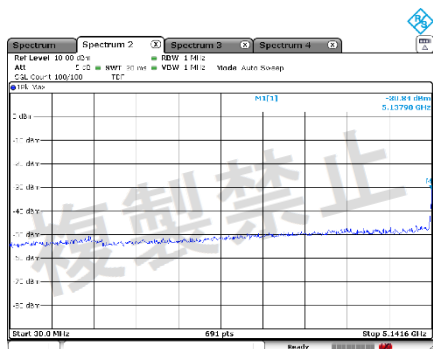


802.11ax(HE40)

CH Low

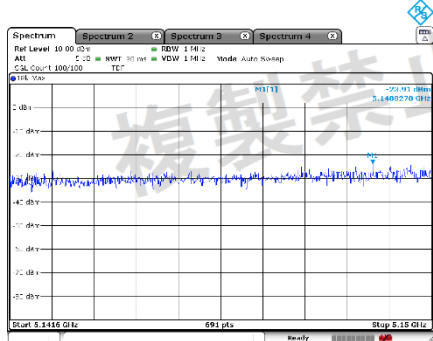
30 MHz ~ 5 141.6 MHz(Search)

30 MHz ~ 5 141.6 MHz(Detail)



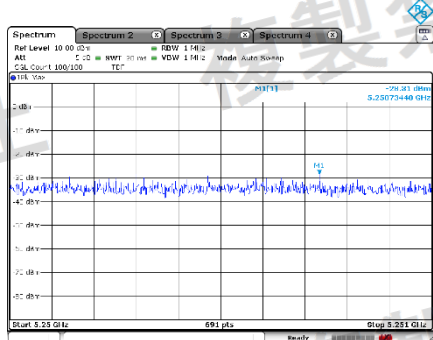
5 141.6 ~ 5 150 MHz(Search)

5 142 ~ 5 150 MHz(Detail)



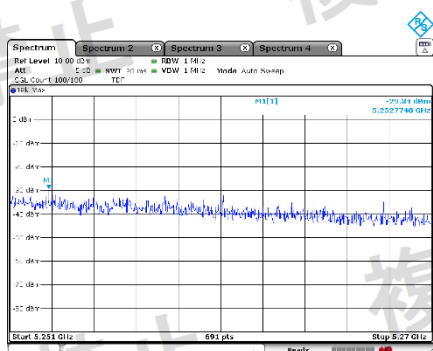
5 250 ~ 5 251 MHz(Search)

5 250 ~ 5 251 MHz(Detail)



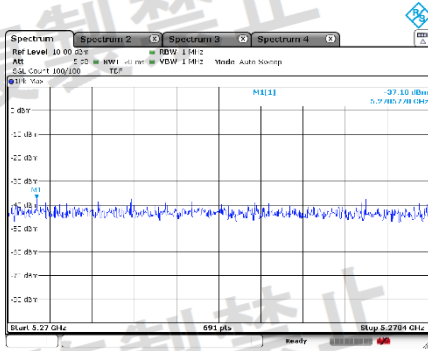
5 251 ~ 5 270 MHz(Search)

5 251 ~ 5 270 MHz(Detail)



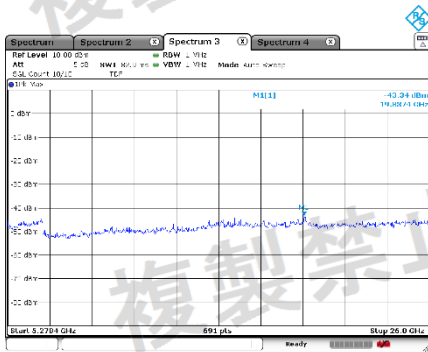
5 270 ~ 5 278.4 MHz(Search)

5 270 ~ 5 278.4 MHz(Detail)



5 278.4 MHz ~ 26 GHz(Search)

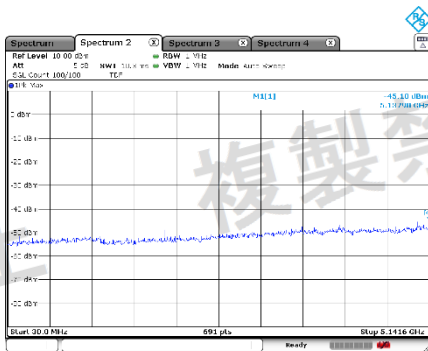
5 278.4 MHz ~ 26 GHz(Detail)



CH High

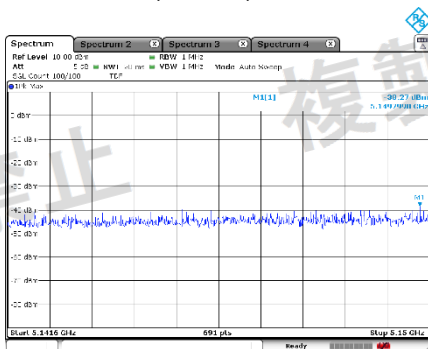
30 MHz ~ 5 141.6 MHz(Search)

30 MHz ~ 5 141.6 MHz(Detail)



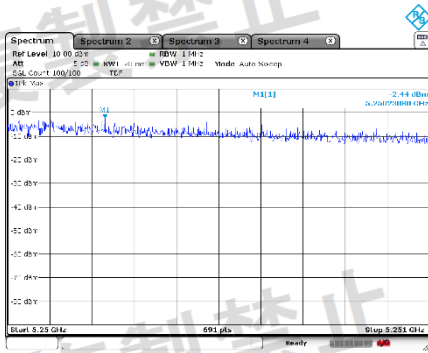
5 141.6 ~ 5 150 MHz(Search)

5 141.6 ~ 5 150 MHz(Detail)

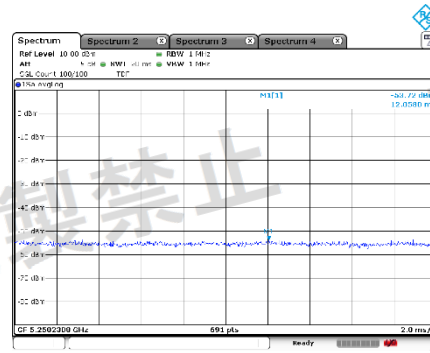


5 250 ~ 5 251 MHz(Search)

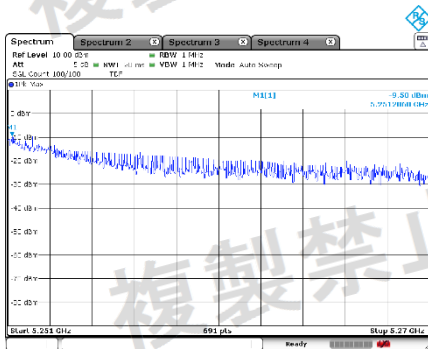
5 250 ~ 5 251 MHz(Detail)



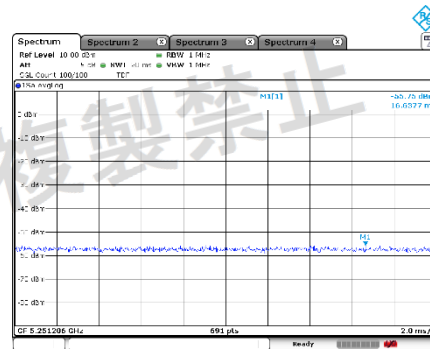
5 251 ~ 5 270 MHz(Search)



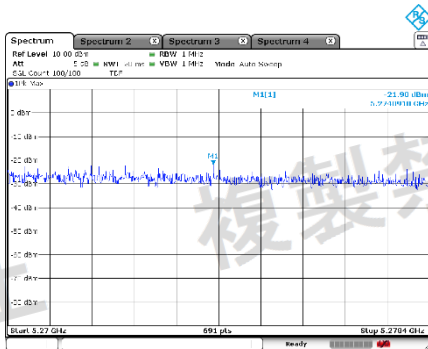
5 251 ~ 5 270 MHz(Detail)



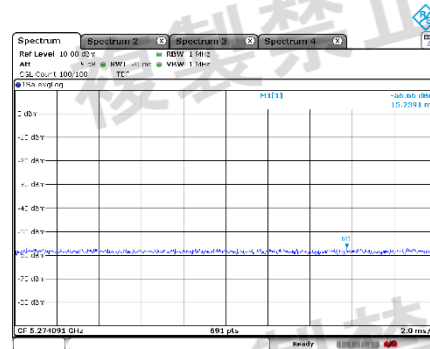
5 270 ~ 5 278.4 MHz(Search)



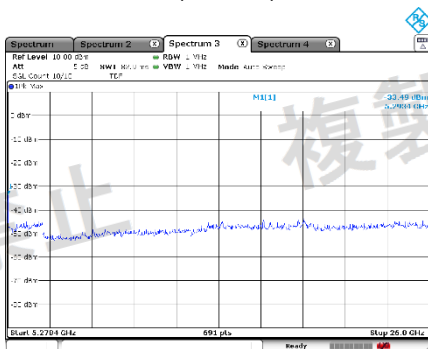
5 270 ~ 5 278.4 MHz(Detail)



5 278.4 MHz ~ 26 GHz(Search)



5 278.4 MHz ~ 26 GHz(Detail)

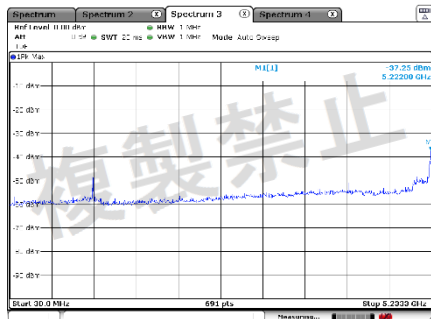


■ W53

■ 802.11a

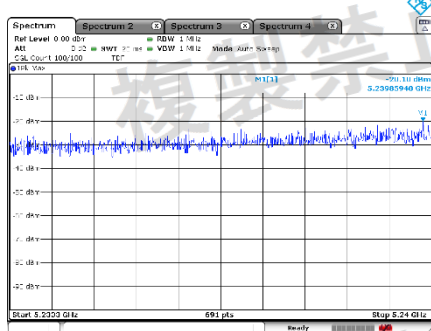
CH Low

30 MHz ~ 5 233.3 MHz(Search)



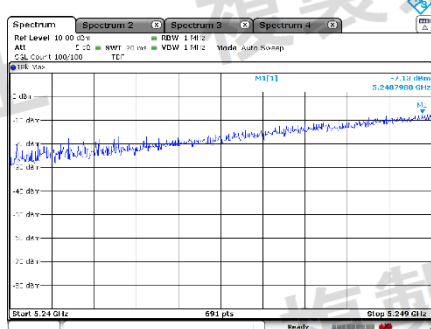
30 MHz ~ 5 233.3 MHz(Detail)

5 233.3 ~ 5 240 MHz(Search)

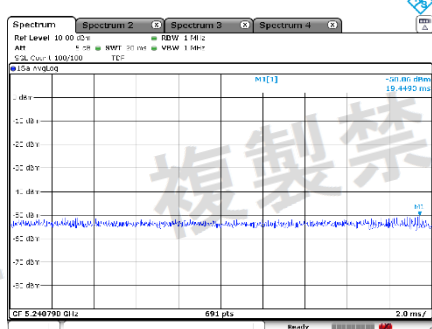


5 233.3 ~ 5 240 MHz(Detail)

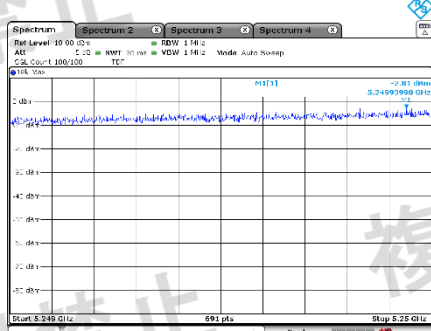
5 240 ~ 5 249 MHz(Search)



5 240 ~ 5 249 MHz(Detail)



5 249 ~ 5 250 MHz(Search)

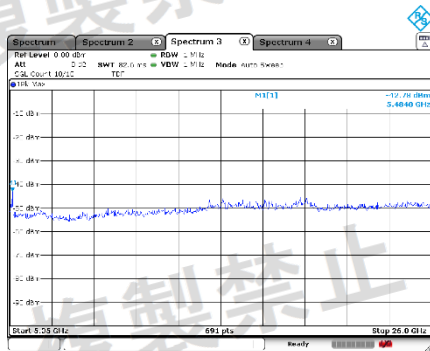


5 249 ~ 5 250 MHz(Detail)



5 350 MHz ~ 26 GHz(Search)

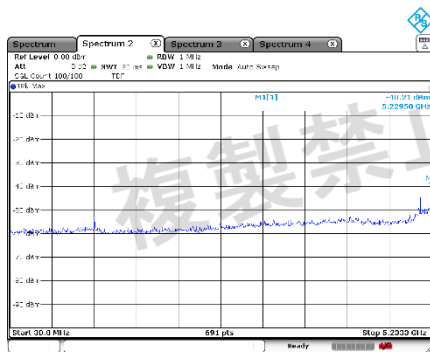
5 350 ~ 26 GHz(Detail)



CH Middle

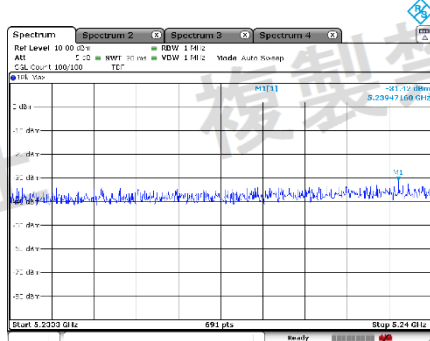
30 MHz ~ 5 233.3 MHz(Search)

30 MHz ~ 5 233.3 MHz(Detail)



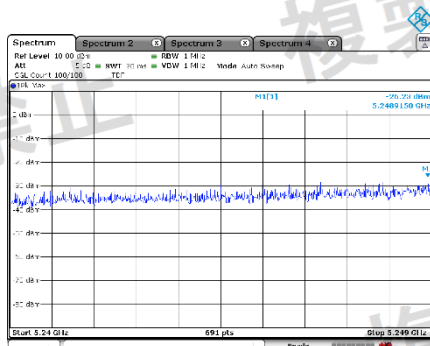
5 233.3 ~ 5 240 MHz(Search)

5 233.3 ~ 5 240 MHz(Detail)

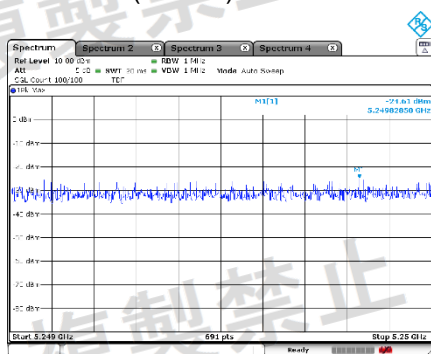


5 240 ~ 5 249 MHz(Search)

5 240 ~ 5 249 MHz(Detail)

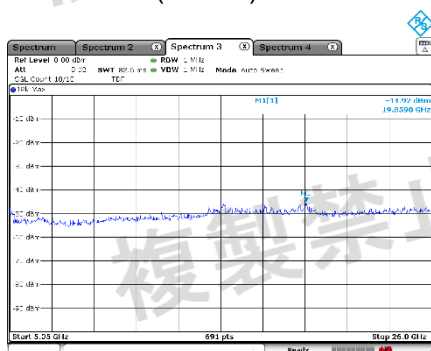


5 249 ~ 5 250 MHz(Search)



5 249 ~ 5 250 MHz(Detail)

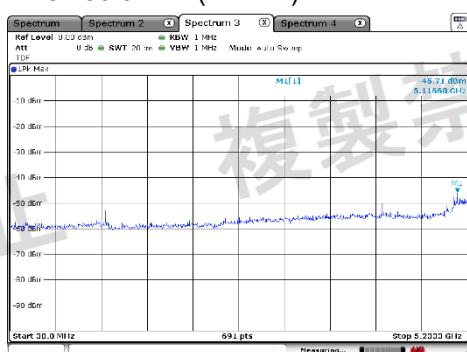
5 350 MHz ~ 26 GHz(Search)



5 350 MHz ~ 26 GHz(Detail)

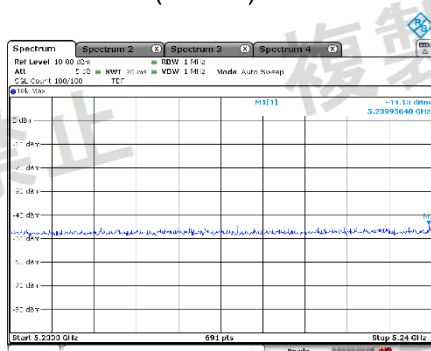
CH High

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)

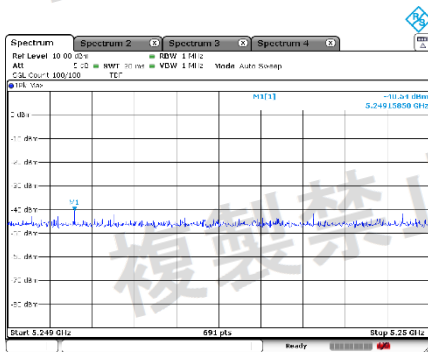


5 240 ~ 5 249 MHz(Search)



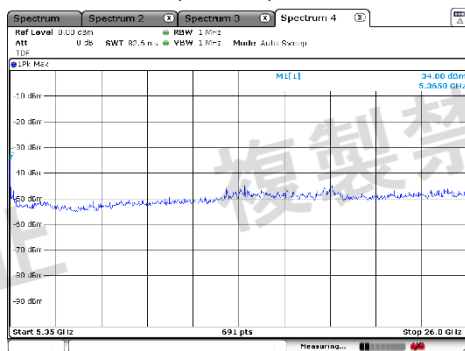
5 240 ~ 5 249 MHz(Detail)

5 249 ~ 5 250 MHz(Search)



5 249 ~ 5 250 MHz(Detail)

5 350 MHz ~ 26 GHz(Search)

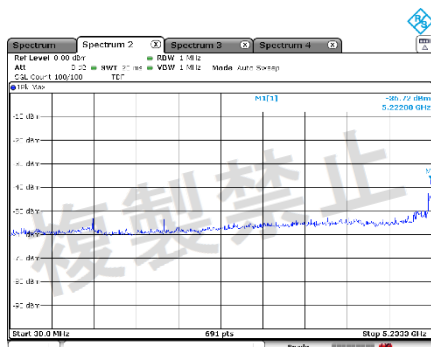


5 350 MHz ~ 26 GHz(Detail)

■802.11n(HT20)

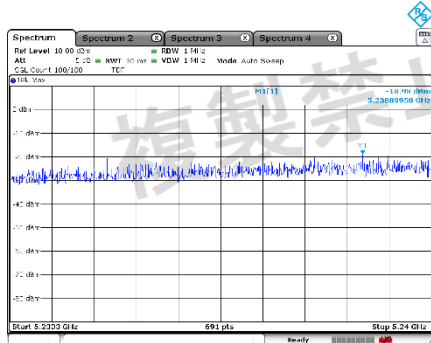
CH Low

30 MHz ~ 5 233.3 MHz(Search)

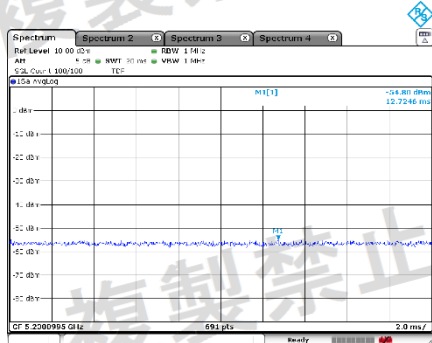


30 MHz ~ 5 233.3 MHz(Detail)

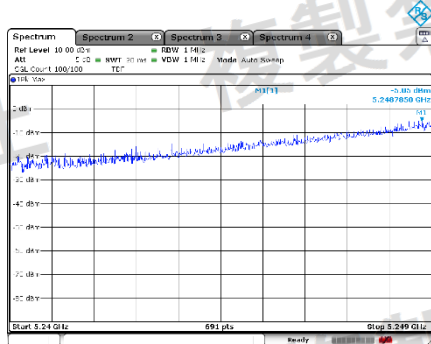
5 233.3 ~ 5 240 MHz(Search)



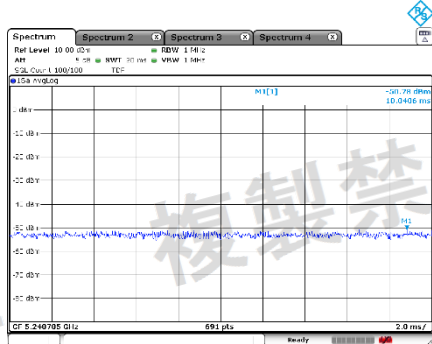
5 233.3 ~ 5 240 MHz(Detail)



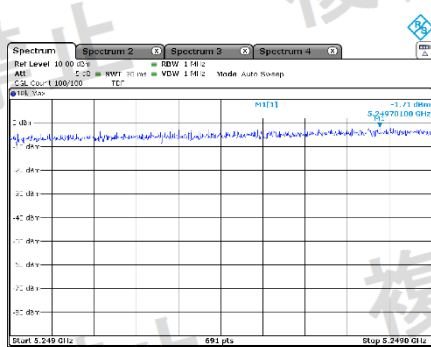
5 240 ~ 5 249 MHz(Search)



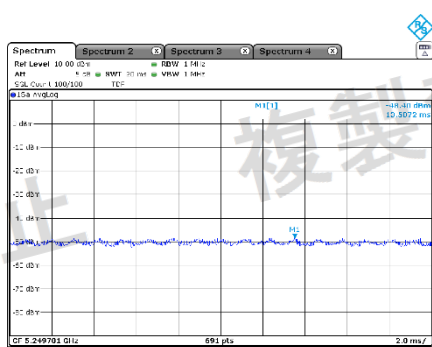
5 240 ~ 5 249 MHz(Detail)



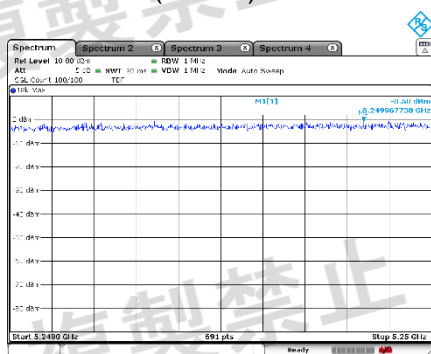
5 249 ~ 5 249.8 MHz(Search)



5 249 ~ 5 249.8 MHz(Detail)

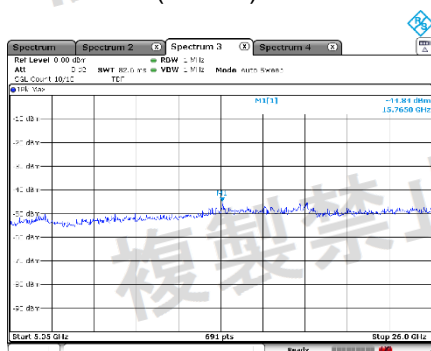


5 249.8 ~ 5 250 MHz(Search)



5 249.8 ~ 5 250 MHz(Detail)

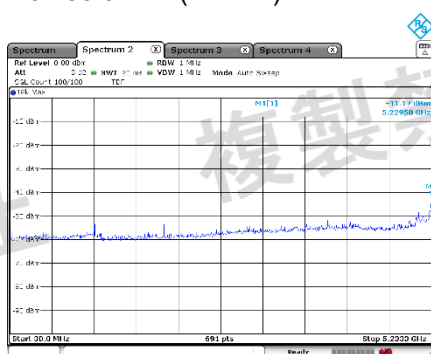
5 350 MHz ~ 26 GHz(Search)



5 350 MHz ~ 26 GHz(Detail)

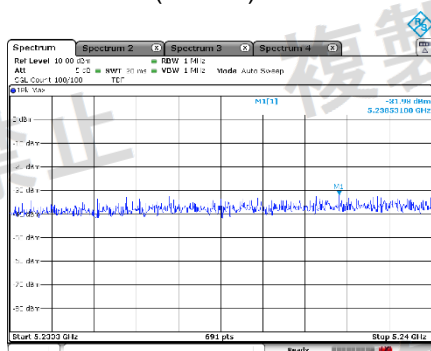
CH Middle

30 MHz ~ 5 233.3 MHz(Search)



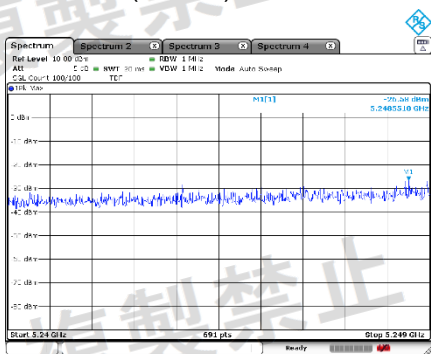
30 MHz ~ 5 233.3 MHz(Detail)

5 233.3 ~ 5 240 MHz(Search)



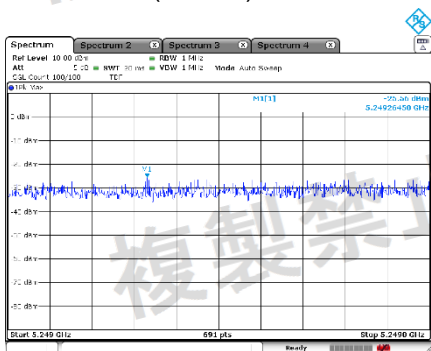
5 233.3 ~ 5 240 MHz(Detail)

5 240 ~ 5 249 MHz(Search)



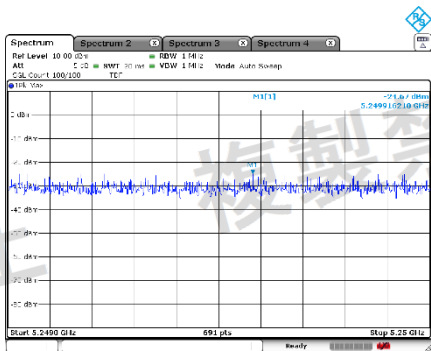
5 240 ~ 5 249 MHz(Detail)

5 249 ~ 5 249.8 MHz(Search)



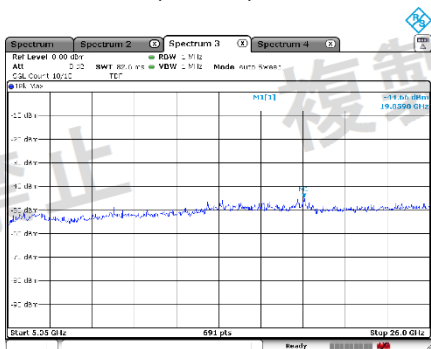
5 249 ~ 5 249.8 MHz(Detail)

5 249.8 ~ 5 250 MHz(Search)



5 249.8 ~ 5 250 MHz(Detail)

5 350 MHz ~ 26 GHz(Search)



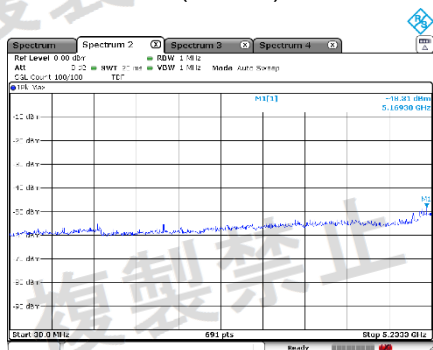
5 350 MHz ~ 26 GHz(Detail)



CH High

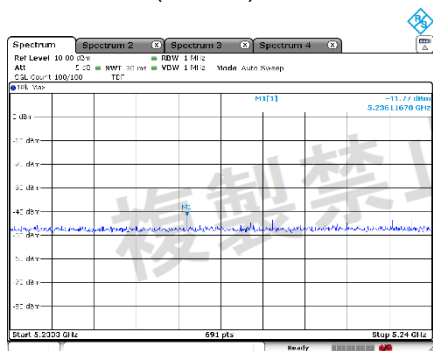
30 MHz ~ 5 233.3 MHz(Search)

30 MHz ~ 5 233.3 MHz(Detail)



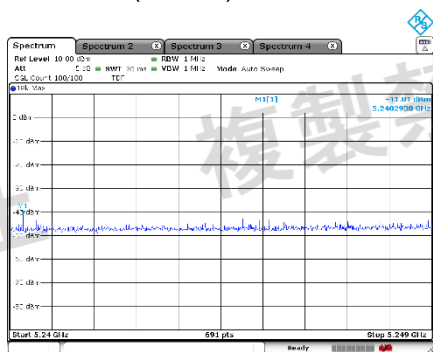
5 233.3 ~ 5 240 MHz(Search)

5 233.3 ~ 5 240 MHz(Detail)



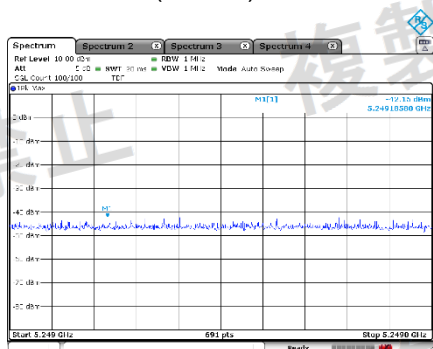
5 240 ~ 5 249 MHz(Search)

5 240 ~ 5 249 MHz(Detail)



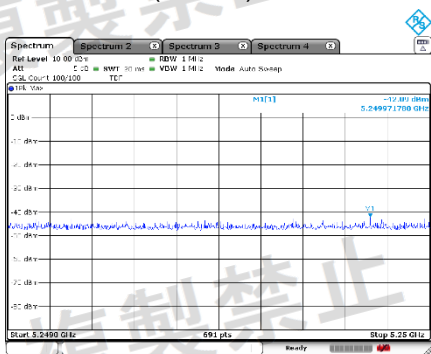
5 249 ~ 5 249.8 MHz(Search)

5 249 ~ 5 249.8 MHz(Detail)



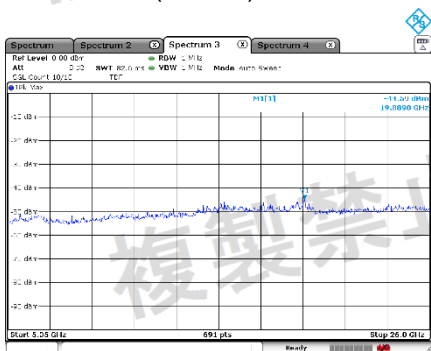


5 249.8 ~ 5 250 MHz(Search)



5 249.8 ~ 5 250 MHz(Detail)

5 350 MHz ~ 26 GHz(Search)



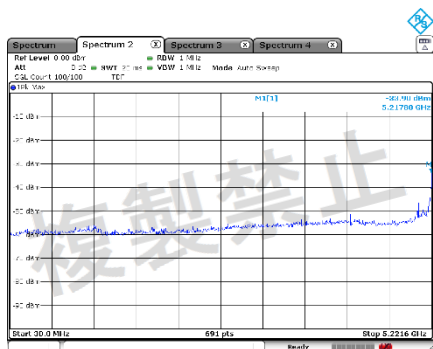
5 350 MHz ~ 26 GHz(Detail)

■802.11n(HT40)

CH Low

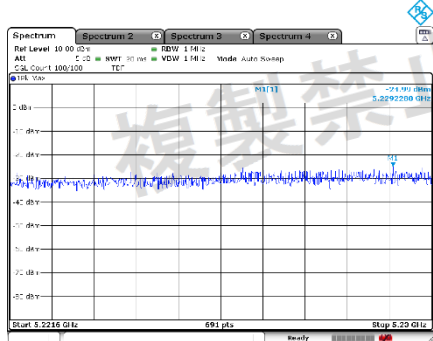
30 MHz ~ 5 221.6 MHz(Search)

30 MHz ~ 5 221.6 MHz(Detail)



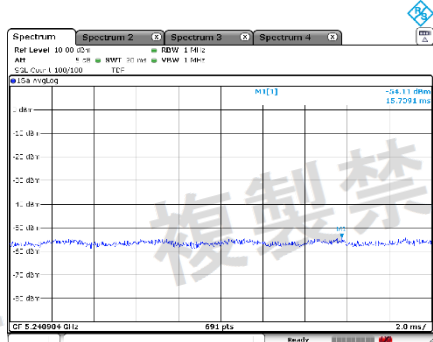
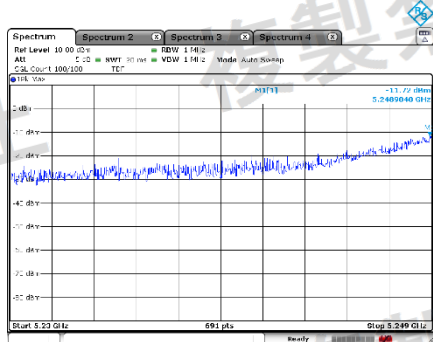
5 221.6 ~ 5 230 MHz(Search)

5 221.6 ~ 5 230 MHz(Detail)



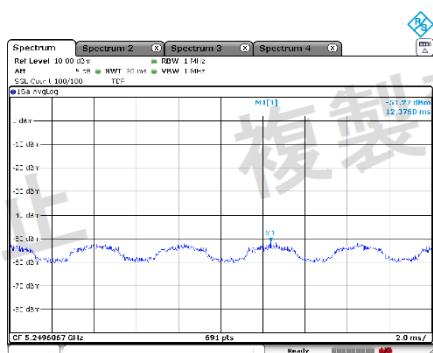
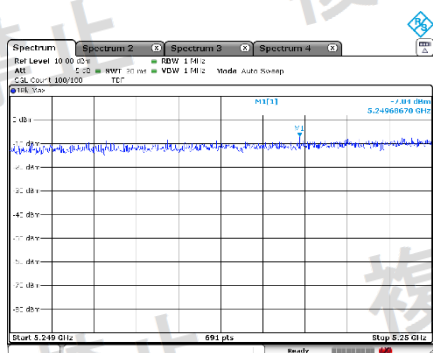
5 230 ~ 5 249 MHz(Search)

5 230 ~ 5 249 MHz(Detail)

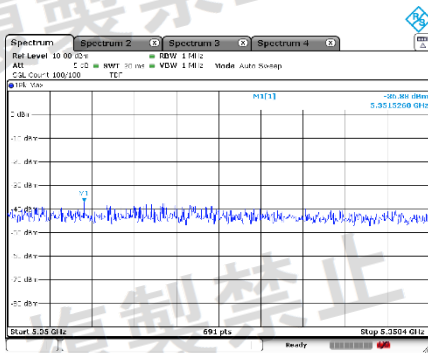


5 249 ~ 5 250 MHz(Search)

5 249 ~ 5 250 MHz(Detail)

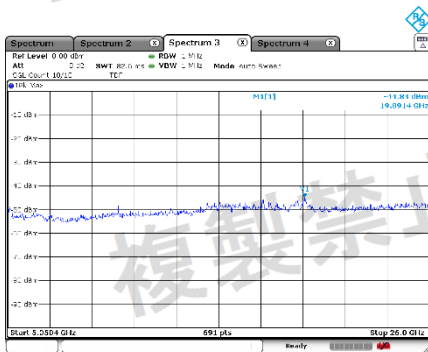


5 350 ~ 5 358.4 MHz(Search)



5 350 ~ 5 358.4 MHz(Detail)

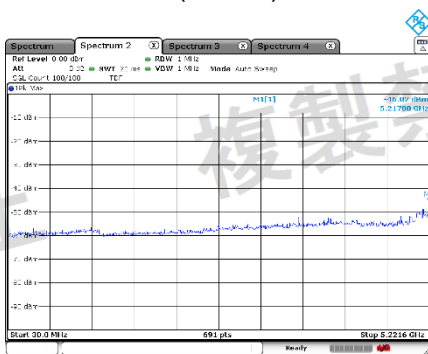
5 358.4 MHz ~ 26 GHz(Search)



5 358.4 MHz ~ 26 GHz(Detail)

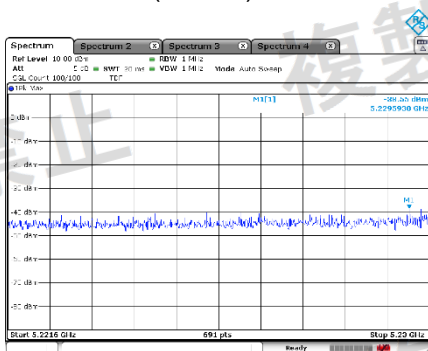
CH High

30 MHz ~ 5 221.6 MHz(Search)



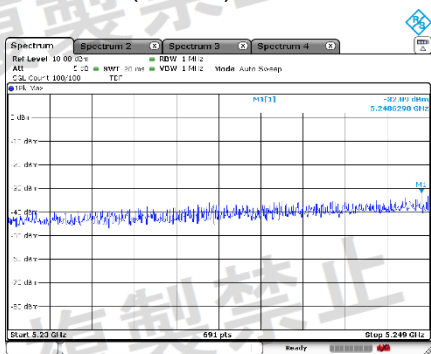
30 MHz ~ 5 221.6 MHz(Detail)

5 221.6 ~ 5 230 MHz(Search)



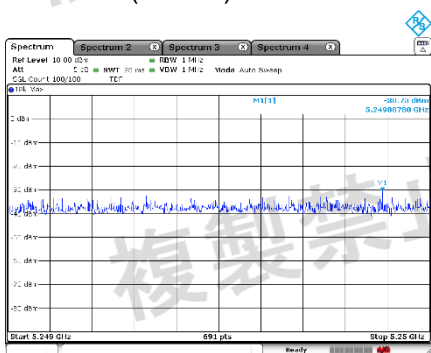
5 221.6 ~ 5 230 MHz(Detail)

5 230 ~ 5 249 MHz(Search)



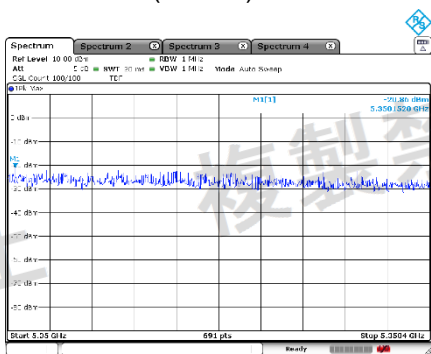
5 230 ~ 5 249 MHz(Detail)

5 249 ~ 5 250 MHz(Search)



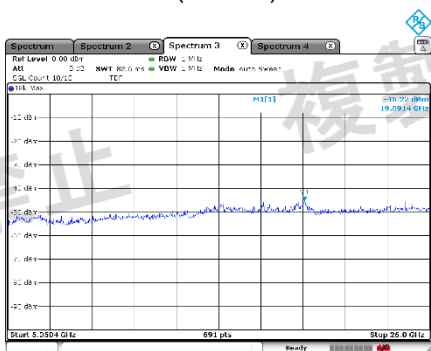
5 249 ~ 5 250 MHz(Detail)

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)

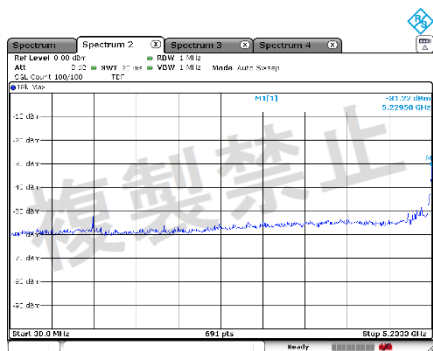


■802.11ac(VHT20)

CH Low

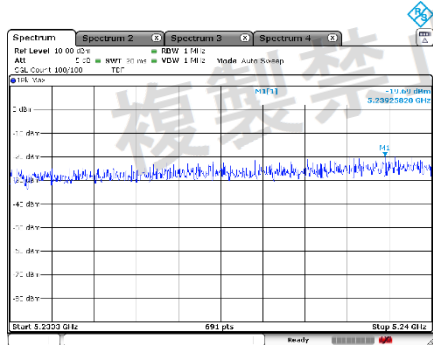
30 MHz ~ 5 233.3 MHz(Search)

30 MHz ~ 5 233.3 MHz(Detail)



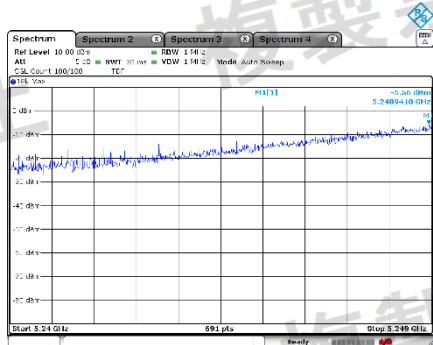
5 233.3 ~ 5 240 MHz(Search)

5 233.3 ~ 5 240 MHz (Detail)



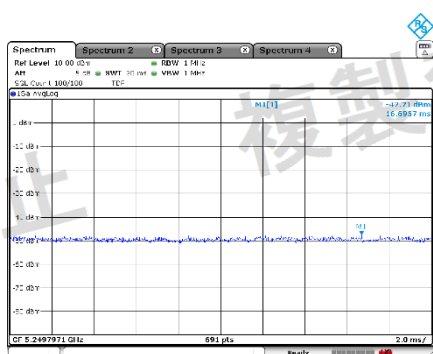
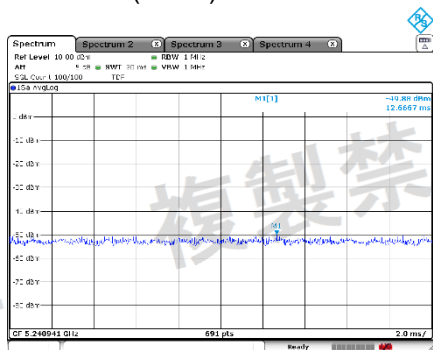
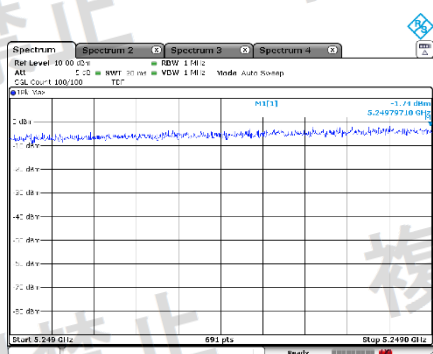
5 240 ~ 5 249 MHz(Search)

5 240 ~ 5 249 MHz(Detail)



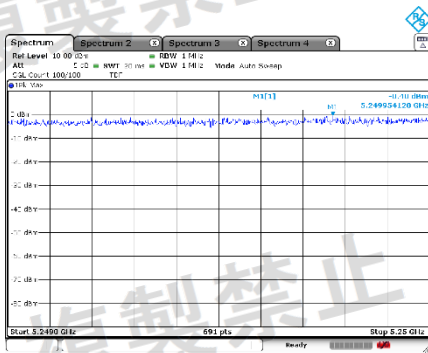
5 249 ~ 5 249.8 MHz(Search)

5 249 ~ 5 249.8 MHz(Detail)



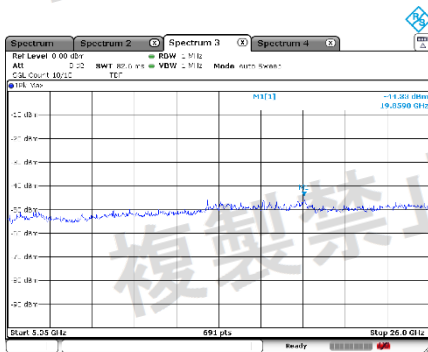


5 249.8 ~ 5 250 MHz(Search)



5 249.8 ~ 5 250 MHz(Detail)

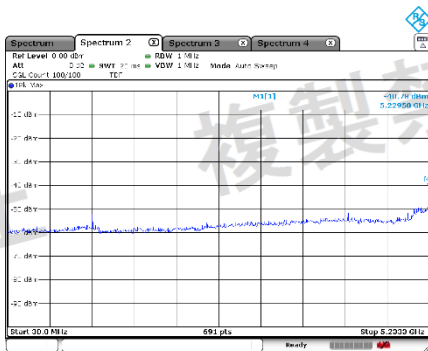
5 350 MHz ~ 26 GHz(Search)



5 350 MHz ~ 26 GHz(Detail)

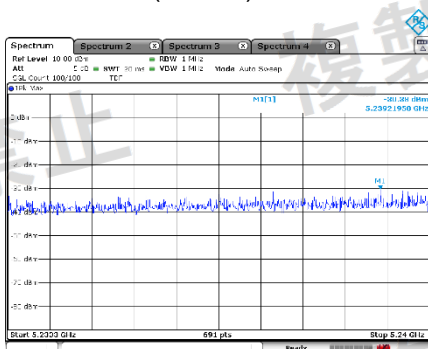
CH Middle

30 MHz ~ 5 233.3 MHz(Search)



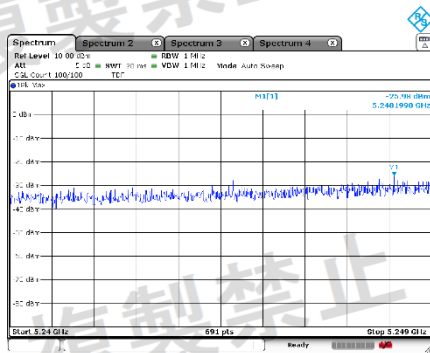
30 MHz ~ 5 233.3 MHz(Detail)

5 233.3 ~ 5 240 MHz(Search)



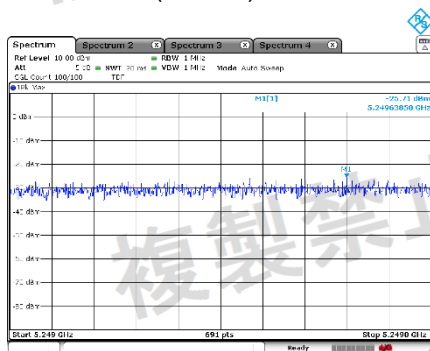
5 233.3 ~ 5 240 MHz(Detail)

5 240 ~ 5 249 MHz(Search)



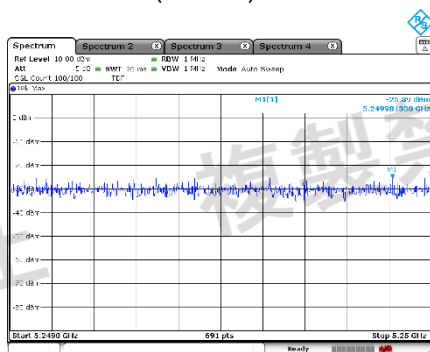
5 240 ~ 5 249 MHz(Detail)

5 249 ~ 5 249.8 MHz(Search)



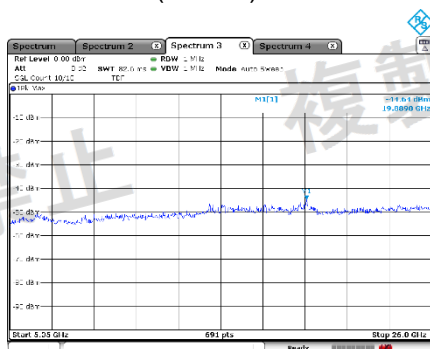
5 249 ~ 5 249.8 MHz(Detail)

5 249.8 ~ 5 250 MHz(Search)



5 249.8 ~ 5 250 MHz(Detail)

5 350 MHz ~ 26 GHz(Search)



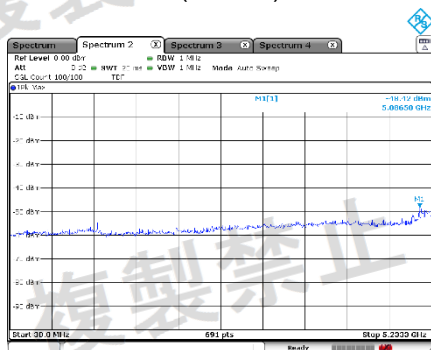
5 350 MHz ~ 26 GHz(Detail)



CH High

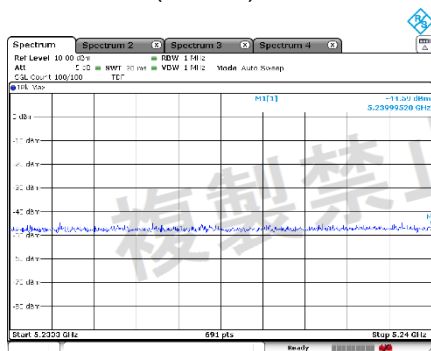
30 MHz ~ 5 233.3 MHz(Search)

30 MHz ~ 5 233.3 MHz(Detail)



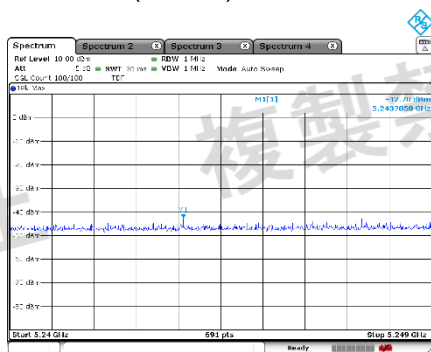
5 233.3 ~ 5 240 MHz(Search)

5 233.3 ~ 5 240 MHz(Detail)



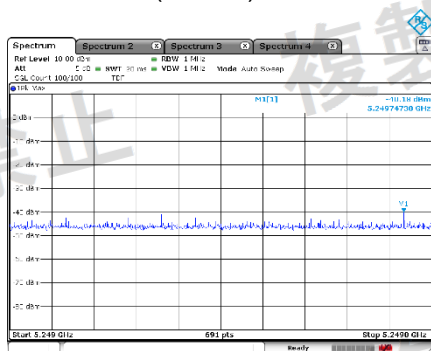
5 240 ~ 5 249 MHz(Search)

5 240 ~ 5 249 MHz(Detail)



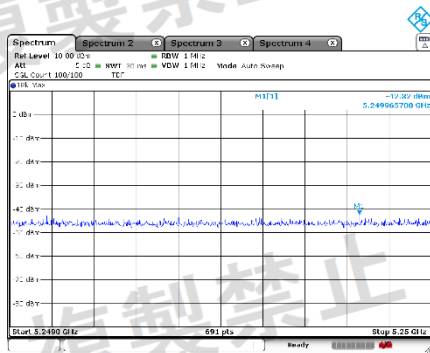
5 249 ~ 5 249.8 MHz(Search)

5 249 ~ 5 249.8 MHz(Detail)



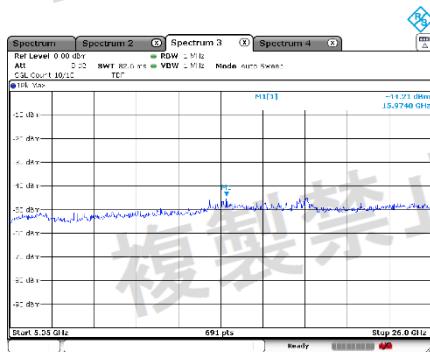


5 249.8 ~ 5 250 MHz(Search)



5 249.8 ~ 5 250 MHz(Detail)

5 350 MHz ~ 26 GHz(Search)



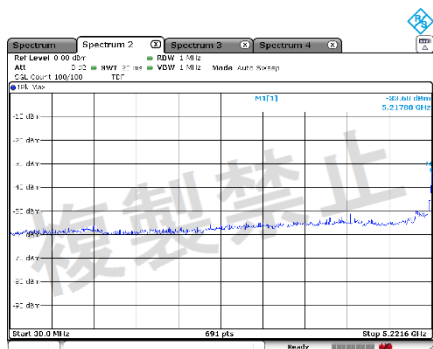
5 350 MHz ~ 26 GHz(Detail)

802.11ac(VHT40)

CH Low

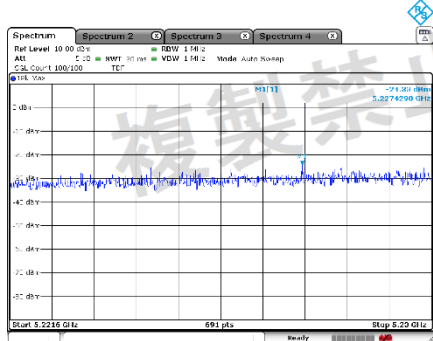
30 MHz ~ 5 221.6 MHz(Search)

30 MHz ~ 5 221.6 MHz(Detail)



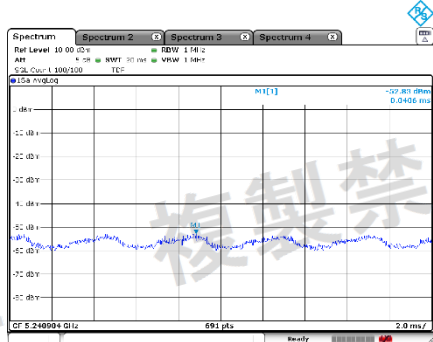
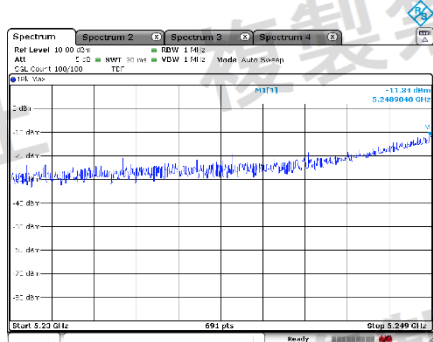
5 221.6 ~ 5 230 MHz(Search)

5 221.6 ~ 5 230 MHz(Detail)



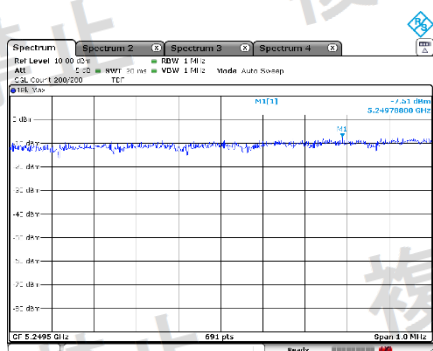
5 230 ~ 5 249 MHz(Search)

5 230 ~ 5 249 MHz(Detail)



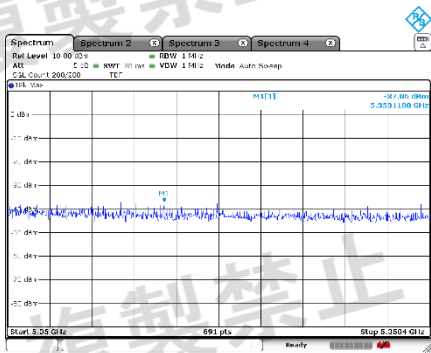
5 249 ~ 5 250 MHz(Search)

5 249 ~ 5 250 MHz(Detail)



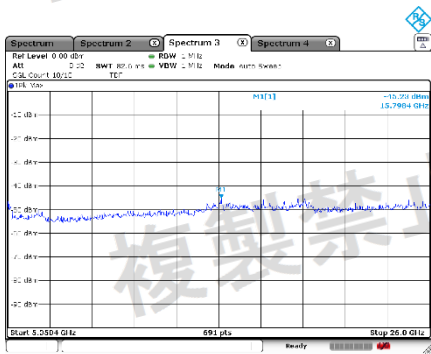


5 350 ~ 5 358.4 MHz(Search)



5 350 ~ 5 358.4 MHz(Detail)

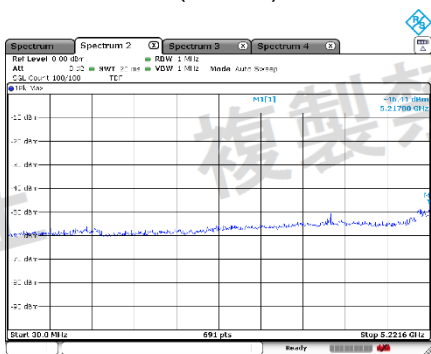
5 358.4 MHz ~ 26 GHz(Search)



5 358.4 MHz ~ 26 GHz(Detail)

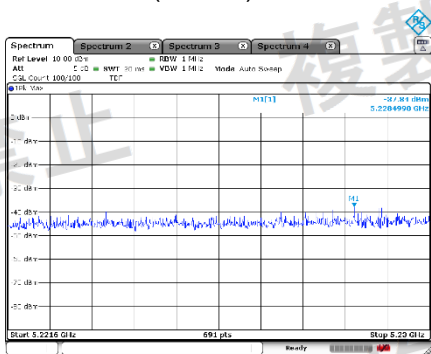
CH High

30 MHz ~ 5 221.6 MHz(Search)



30 MHz ~ 5 221.6 MHz(Detail)

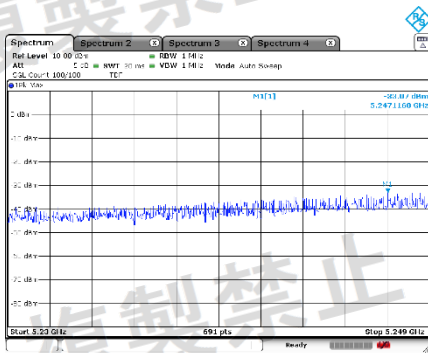
5 221.6 ~ 5 230 MHz(Search)



5 221.6 ~ 5 230 MHz(Detail)

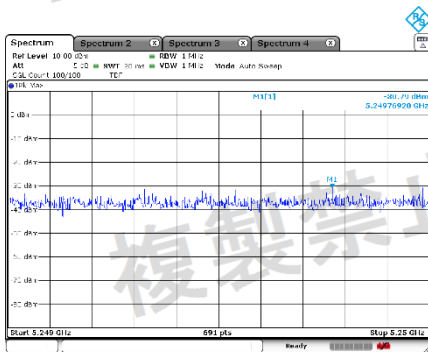


5 230 ~ 5 249 MHz(Search)



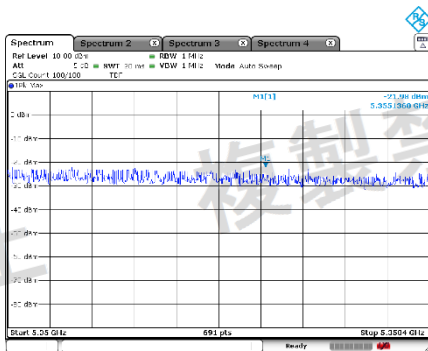
5 230 ~ 5 249 MHz(Detail)

5 249 ~ 5 250 MHz(Search)



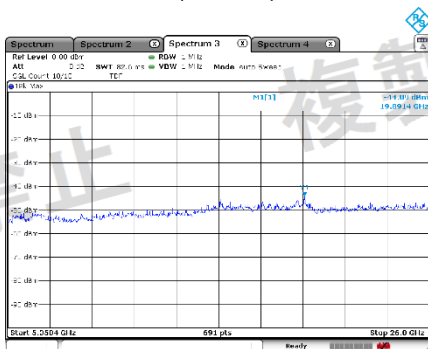
5 249 ~ 5 250 MHz(Detail)

5 350 ~ 5 358.4 MHz(Search)



5 350 ~ 5 358.4 MHz(Detail)

5 358.4 MHz ~ 26 GHz(Search)



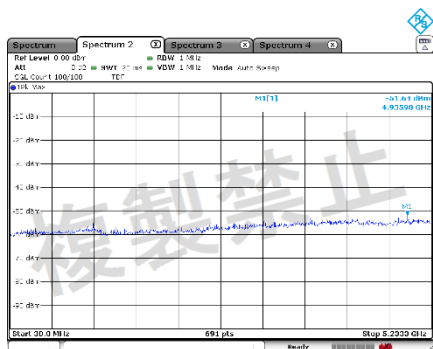
5 358.4 MHz ~ 26 GHz(Detail)

■802.11ax(HE20)

CH Low

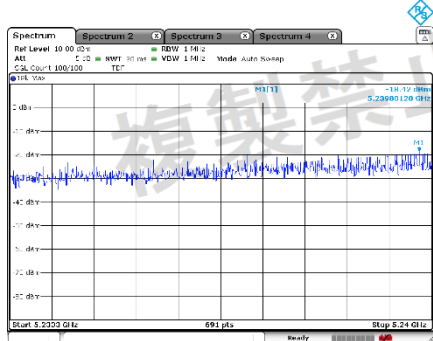
30 MHz ~ 5 233.3 MHz(Search)

30 MHz ~ 5 233.3 MHz(Detail)



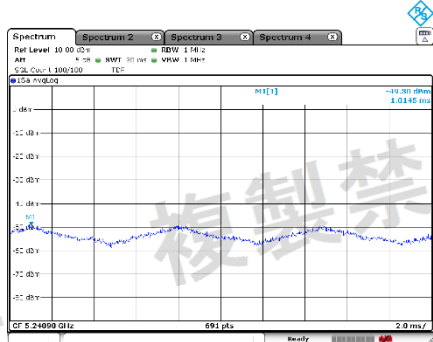
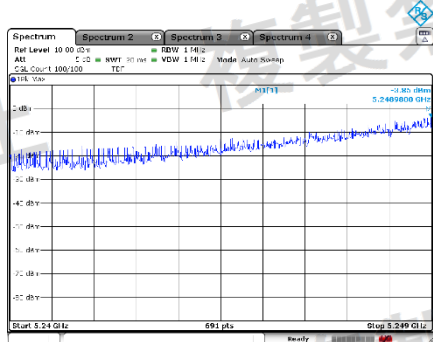
5 233.3 ~ 5 240 MHz(Search)

5 233.3 ~ 5 240 MHz(Detail)



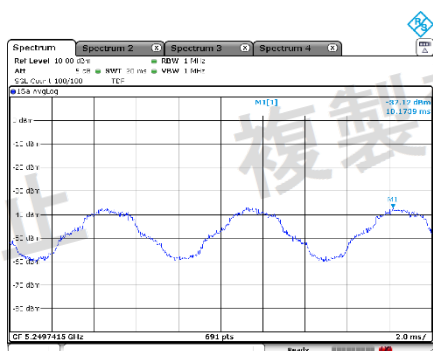
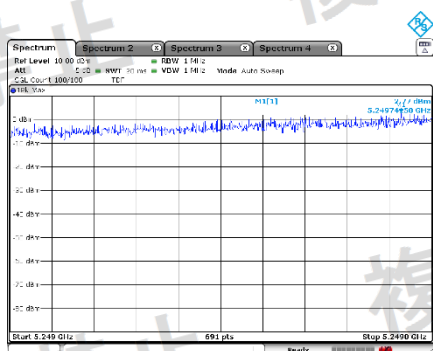
5 240 ~ 5 249 MHz(Search)

5 240 ~ 5 249 MHz(Detail)



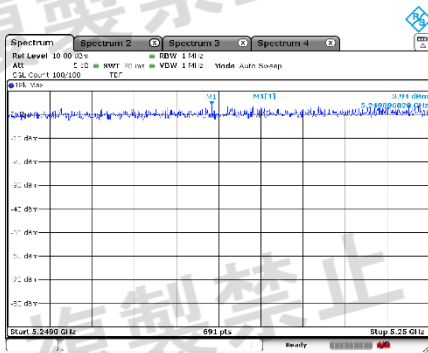
5 249 ~ 5 249.8 MHz(Search)

5 249 ~ 5 249.8 MHz(Detail)



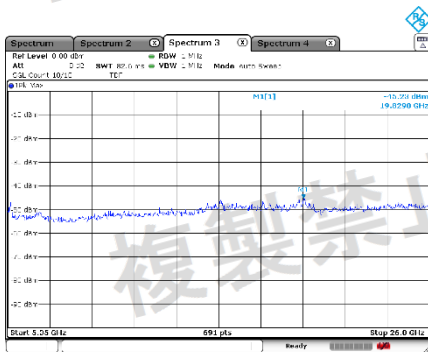


5 249.8 ~ 5 250 MHz(Search)



5 249.8 ~ 5 250 MHz(Detail)

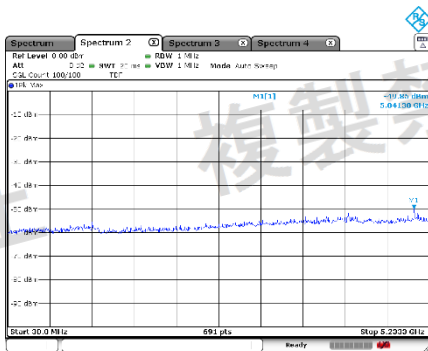
5 350 MHz ~ 26 GHz(Search)



5 350 MHz ~ 26 GHz(Detail)

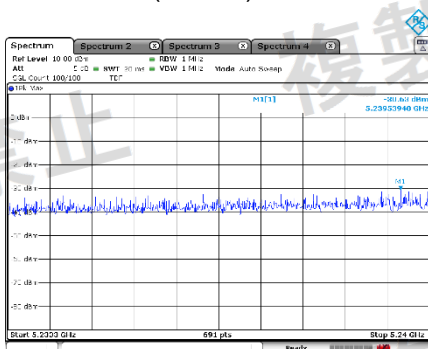
CH Middle

30 MHz ~ 5 233.3 MHz(Search)



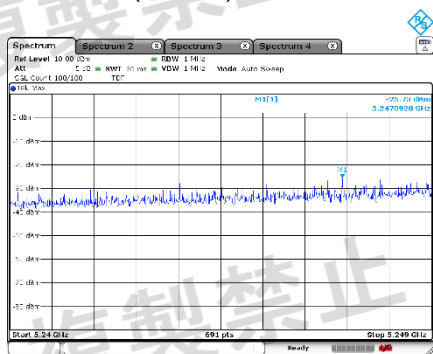
30 MHz ~ 5 233.3 MHz(Detail)

5 233.3 ~ 5 240 MHz(Search)



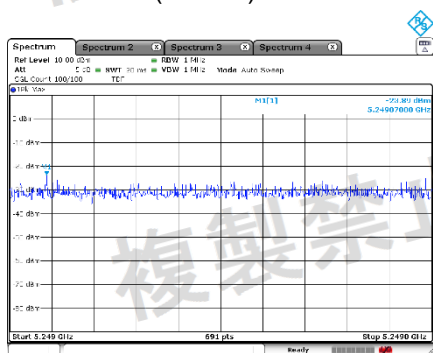
5 233.3 ~ 5 240 MHz(Detail)

5 240 ~ 5 249 MHz(Search)



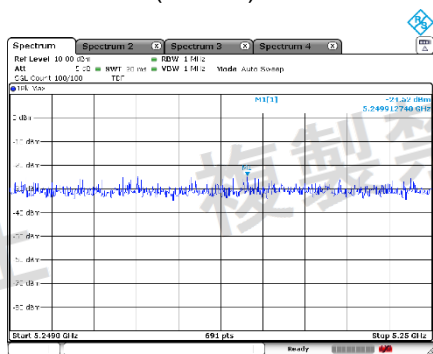
5 240 ~ 5 249 MHz(Detail)

5 249 ~ 5 249.8 MHz(Search)



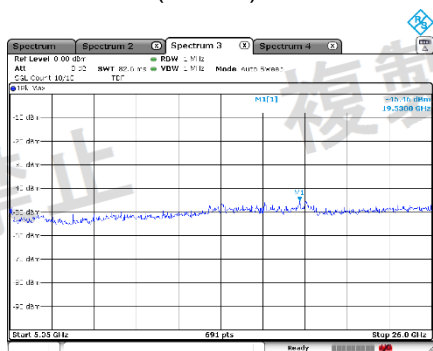
5 249 ~ 5 249.8 MHz(Detail)

5 249.8 ~ 5 250 MHz(Search)



5 249.8 ~ 5 250 MHz(Detail)

5 350 MHz ~ 26 GHz(Search)

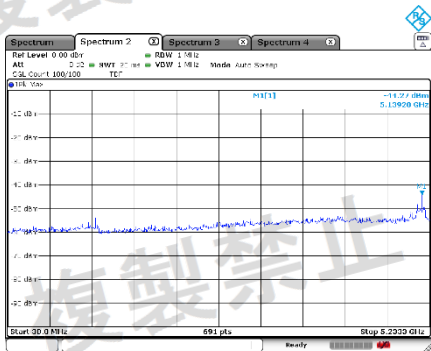


5 350 MHz ~ 26 GHz(Detail)



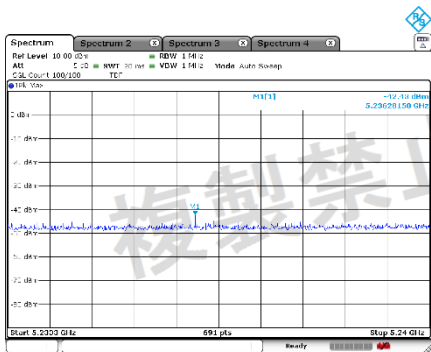
CH High
30 MHz ~ 5 233.3 MHz(Search)

30 MHz ~ 5 233.3 MHz(Detail)



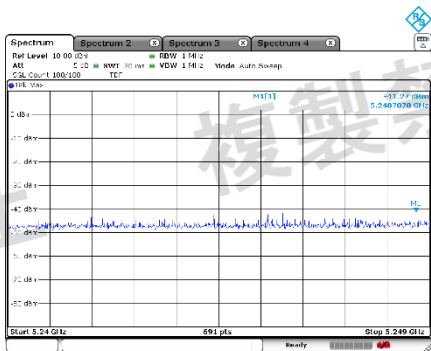
5 233.3 ~ 5 240 MHz(Search)

5 233.3 ~ 5 240 MHz(Detail)



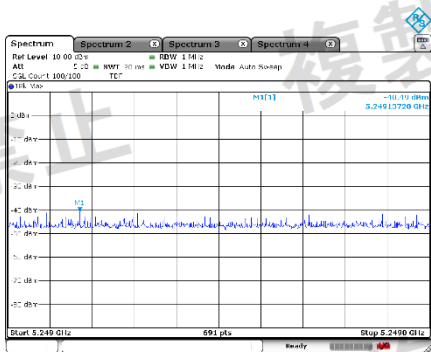
5 240 ~ 5 249 MHz(Search)

5 240 ~ 5 249 MHz(Detail)



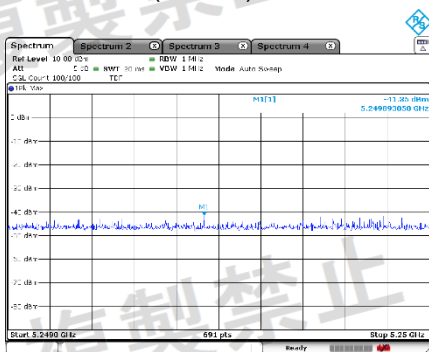
5 249 ~ 5 249.8 MHz(Search)

5 249 ~ 5 249.8 MHz(Detail)



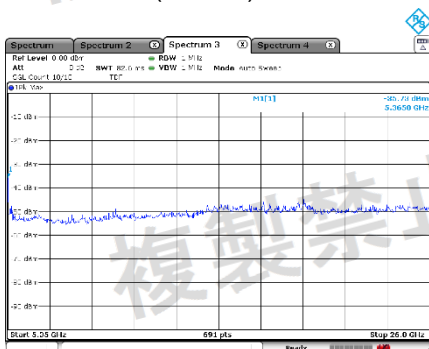


5 249.8 ~ 5 250 MHz(Search)



5 249.8 ~ 5 250 MHz(Detail)

5 350 MHz ~ 26 GHz(Search)



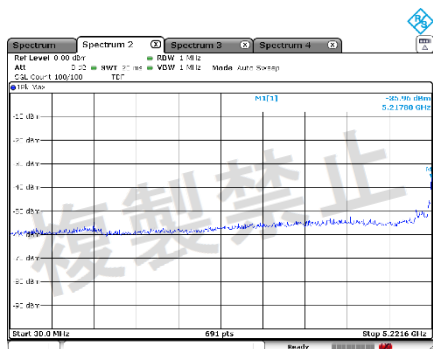
5 350 MHz ~ 26 GHz(Detail)

■802.11ax(HE40)

CH Low

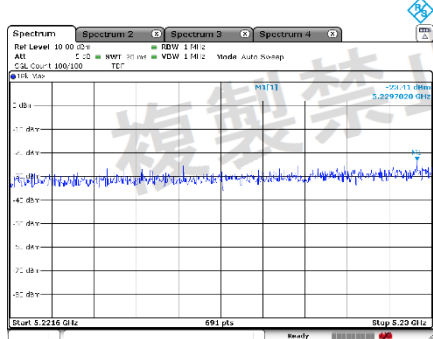
30 MHz ~ 5 221.6 MHz(Search)

30 MHz ~ 5 221.6 MHz(Detail)



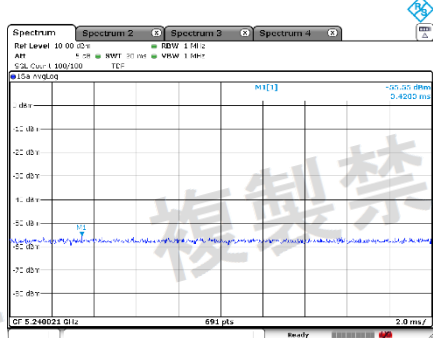
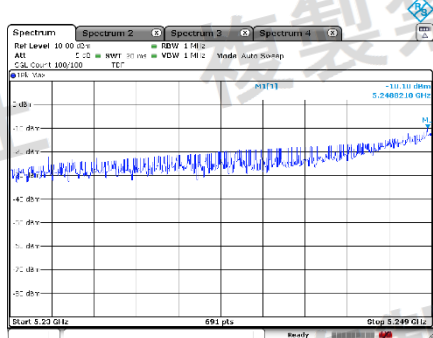
5 221.6 ~ 5 230 MHz(Search)

5 221.6 ~ 5 230 MHz(Detail)



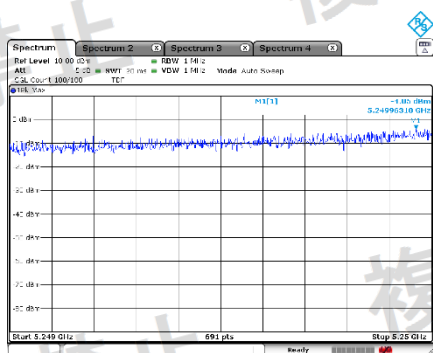
5 230 ~ 5 249 MHz(Search)

5 230 ~ 5 249 MHz(Detail)

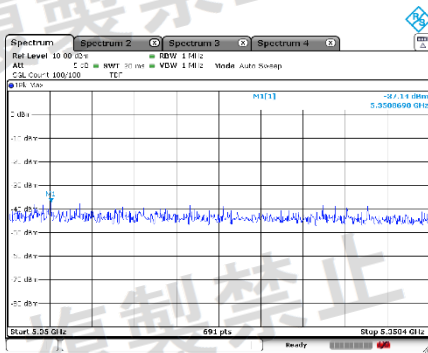


5 249 ~ 5 250 MHz(Search)

5 249 ~ 5 250 MHz(Detail)

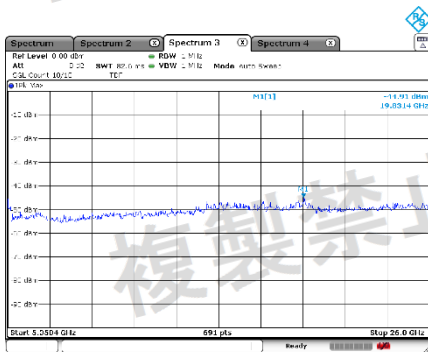


5 350 ~ 5 358.4 MHz(Search)



5 350 ~ 5 358.4 MHz(Detail)

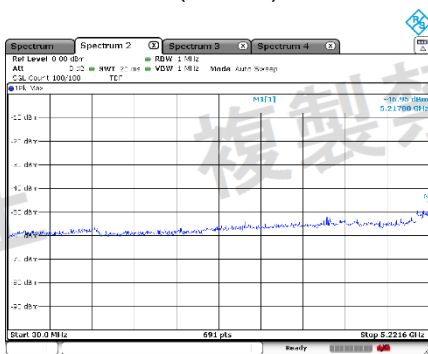
5 358.4 MHz ~ 26 GHz(Search)



5 358.4 MHz ~ 26 GHz(Detail)

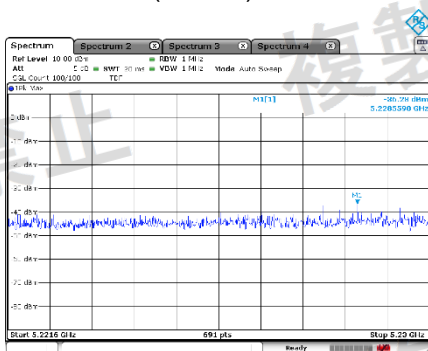
CH High

30 MHz ~ 5 221.6 MHz(Search)



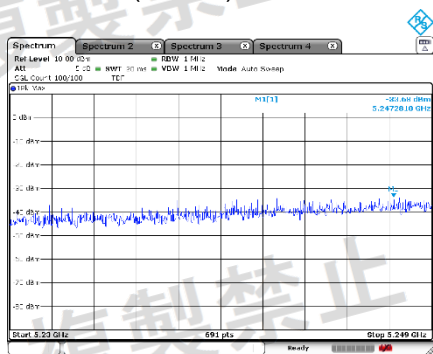
30 MHz ~ 5 221.6 MHz(Detail)

5 221.6 ~ 5 230 MHz(Search)



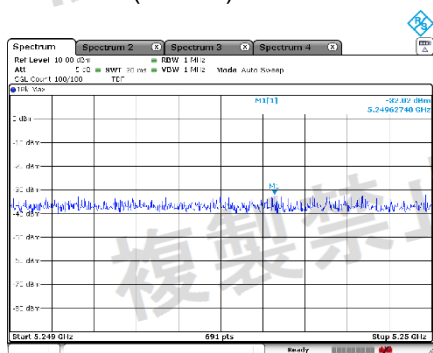
5 221.6 ~ 5 230 MHz(Detail)

5 230 ~ 5 249 MHz(Search)



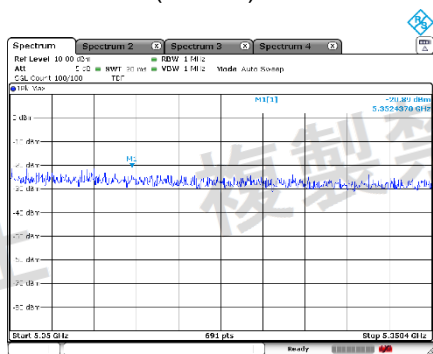
5 230 ~ 5 249 MHz(Detail)

5 249 ~ 5 250 MHz(Search)



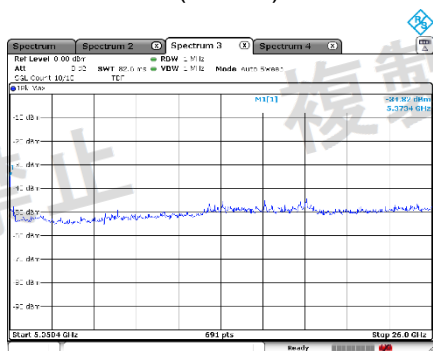
5 249 ~ 5 250 MHz(Detail)

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)



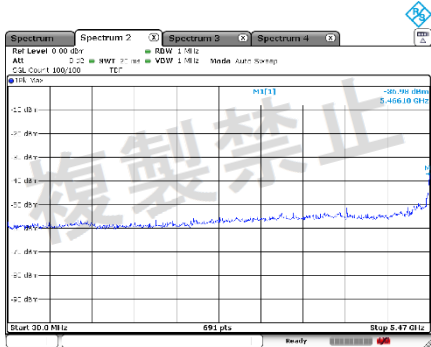
■W56

■802.11a

CH Low

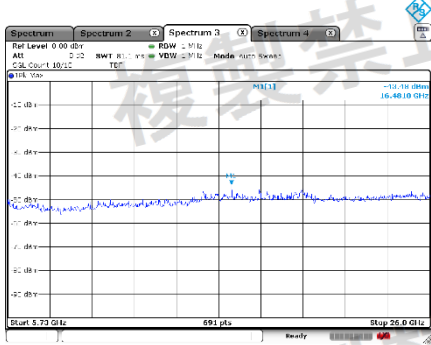
30 MHz ~ 5 470 MHz(Search)

30 MHz ~ 5 470 MHz(Detail)



5 730 MHz ~ 26 GHz(Search)

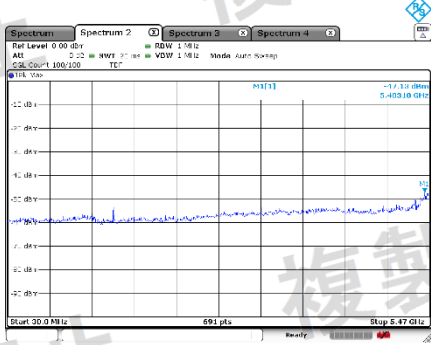
5 730 MHz ~ 26 GHz(Detail)



CH Middle

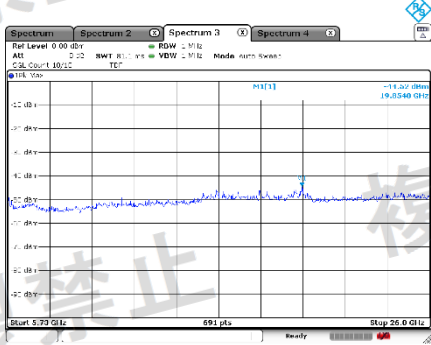
30 MHz ~ 5 470 MHz(Search)

30 MHz ~ 5 470 MHz(Detail)



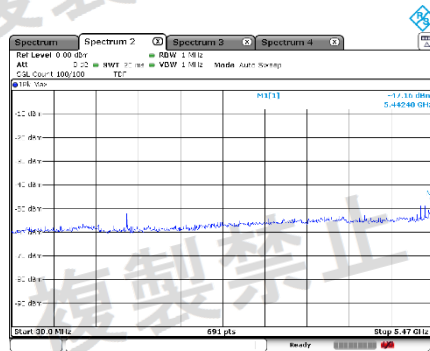
5 730 MHz ~ 26 GHz(Search)

5 730 MHz ~ 26 GHz(Detail)



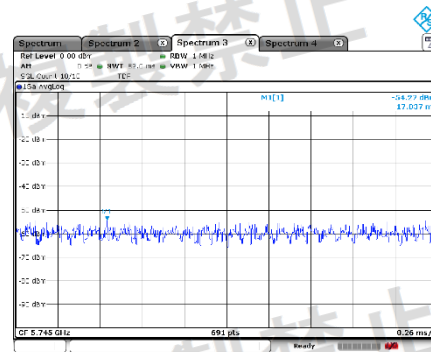
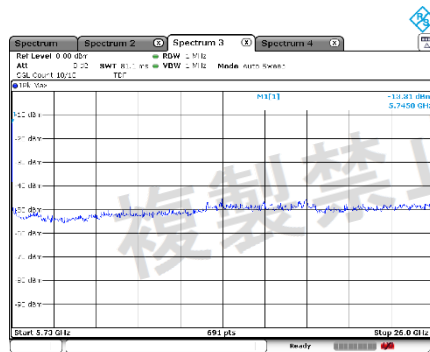
CH High
30 MHz ~ 5 470 MHz(Search)

30 MHz ~ 5 470 MHz(Detail)



5 730 MHz ~ 26 GHz(Search)

5 730 MHz ~ 26 GHz(Detail)

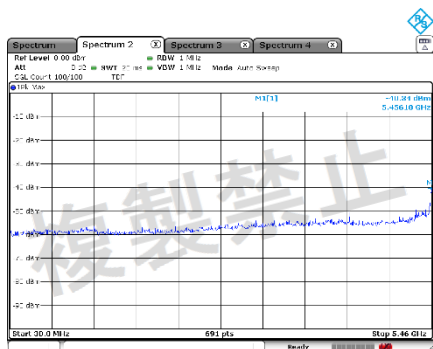


■802.11n(HT20)

CH Low

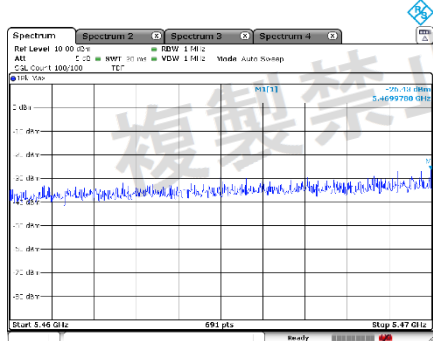
30 MHz ~ 5 460 MHz(Search)

30 MHz ~ 5 460 MHz(Detail)



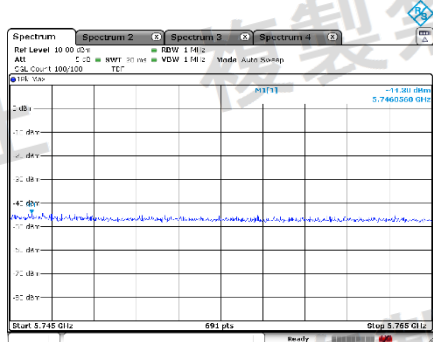
5 460 ~ 5 470 MHz(Search)

5 460 ~ 5 470 MHz(Detail)



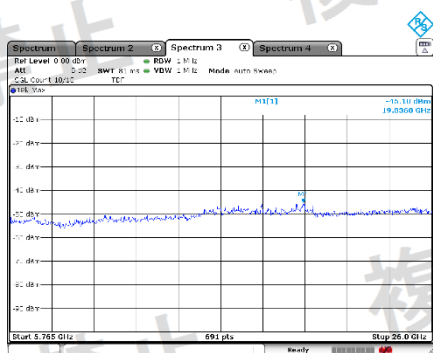
5 745 ~ 5 765 MHz(Search)

5 745 ~ 5 765 MHz(Detail)



5 765 MHz ~ 26 GHz(Search)

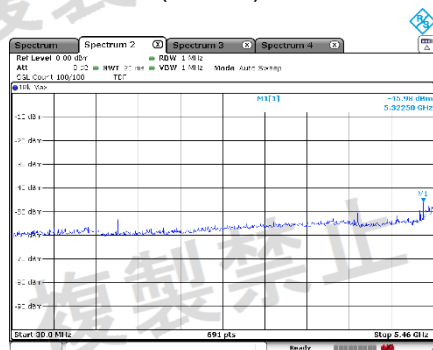
5 765 MHz ~ 26 GHz(Detail)





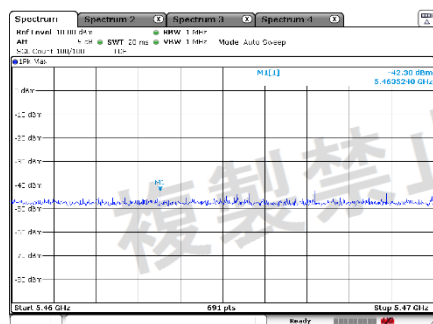
CH Middle

30 MHz ~ 5 460 MHz(Search)



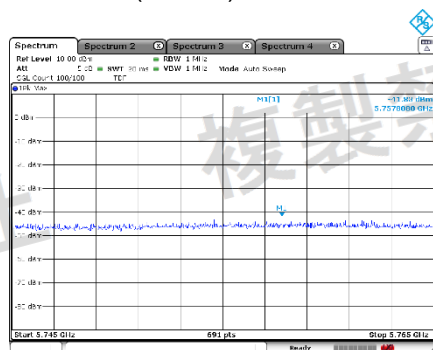
30 MHz ~ 5 460 MHz(Detail)

5 460 ~ 5 470 MHz(Search)



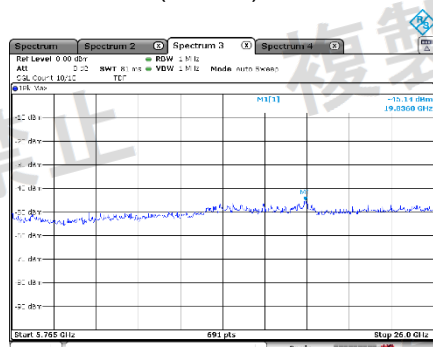
5 460 ~ 5 470 MHz(Detail)

5 745 ~ 5 765 MHz(Search)



5 745 ~ 5 765 MHz(Detail)

5 765 MHz ~ 26 GHz(Search)



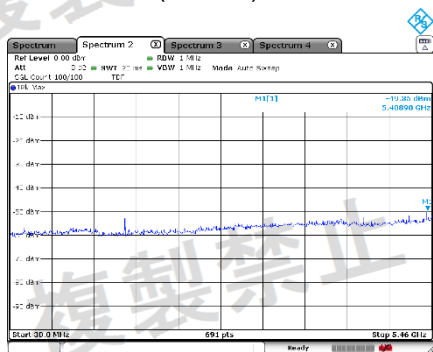
5 765 MHz ~ 26 GHz(Detail)



CH High

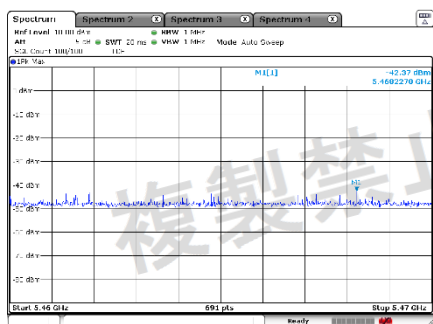
30 MHz ~ 5 460 MHz(Search)

30 MHz ~ 5 460 MHz(Detail)



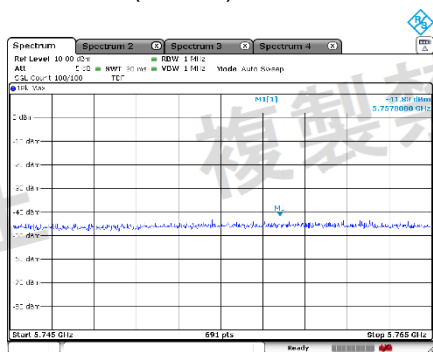
5 460 ~ 5 470 MHz(Search)

5 460 ~ 5 470 MHz(Detail)



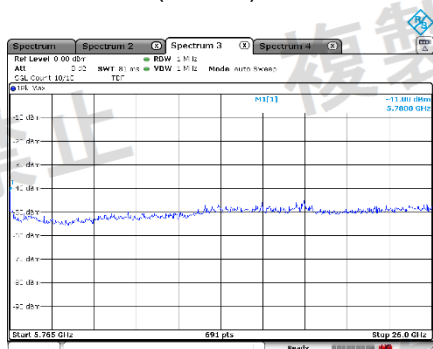
5 745 ~ 5 765 MHz(Search)

5 745 ~ 5 765 MHz(Detail)



5 765 MHz ~ 26 GHz(Search)

5 765 MHz ~ 26 GHz(Detail)

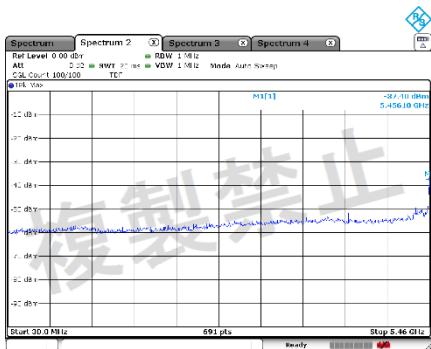




802.11n(HT40)

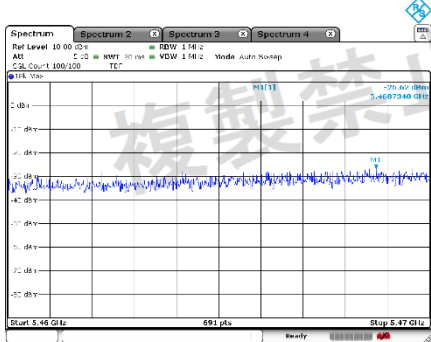
CH Low

30 MHz ~ 5 460 MHz(Search)



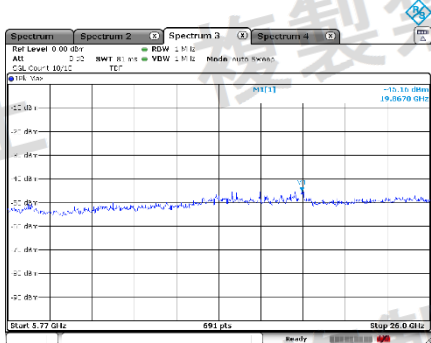
30 MHz ~ 5 460 MHz(Detail)

5 460 ~ 5 470 MHz(Search)



5 460 ~ 5 470 MHz(Detail)

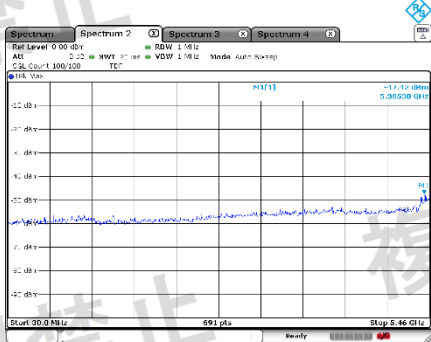
5 770 MHz ~ 26 GHz(Search)



5 770 MHz ~ 26 GHz(Detail)

CH Middle

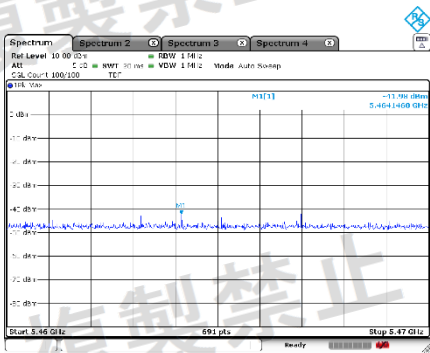
30 MHz ~ 5 460 MHz(Search)



30 MHz ~ 5 460 MHz(Detail)

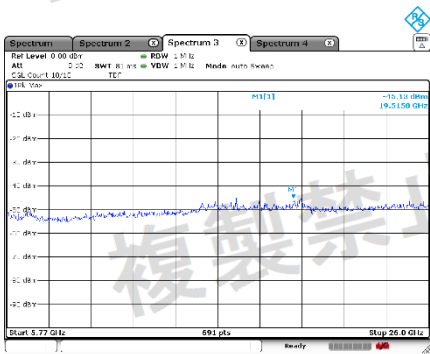


5 460 ~ 5 470 MHz(Search)



5 460 ~ 5 470 MHz(Detail)

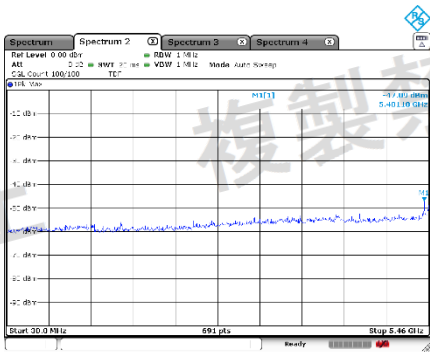
5 770 MHz ~ 26 GHz(Search)



5 770 MHz ~ 26 GHz(Detail)

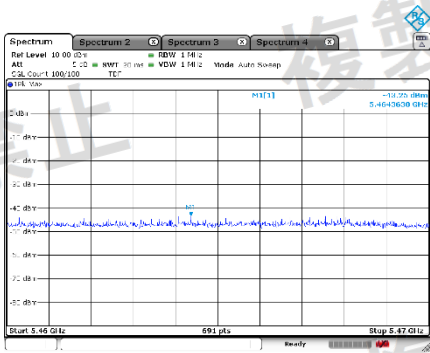
CH High

30 MHz ~ 5 460 MHz(Search)



30 MHz ~ 5 460 MHz(Detail)

5 460 ~ 5 470 MHz(Search)

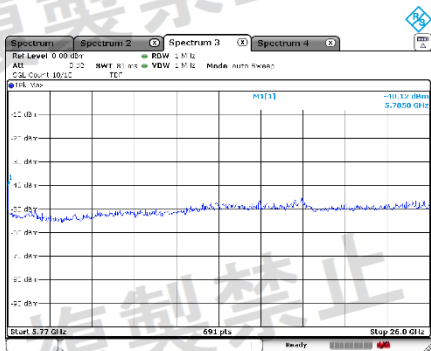


5 460 ~ 5 470 MHz(Detail)



5 770 MHz ~ 26 GHz(Search)

5 770 MHz ~ 26 GHz(Detail)

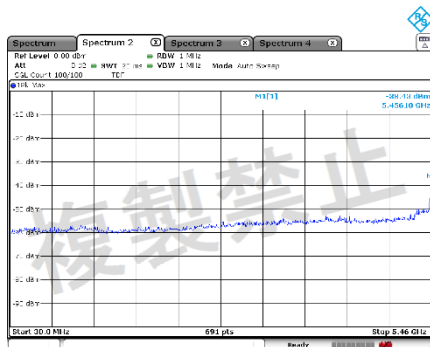


802.11ac(VHT20)

CH Low

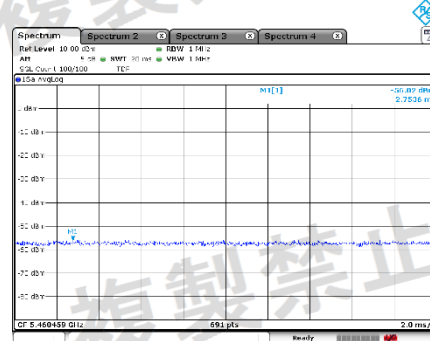
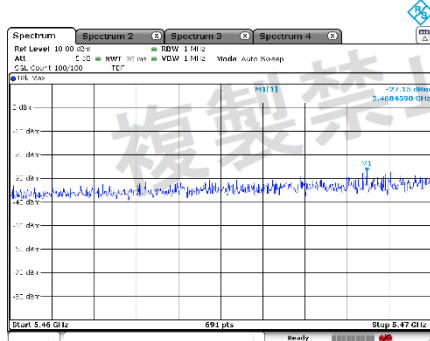
30 MHz ~ 5 460 MHz(Search)

30 MHz ~ 5 460 MHz(Detail)



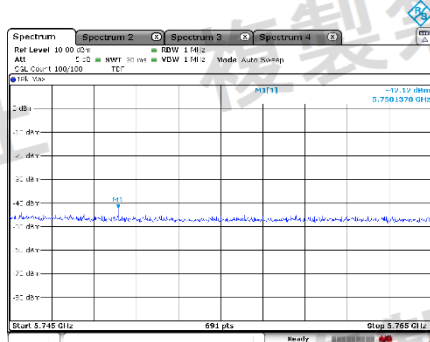
5 460 ~ 5 470 MHz(Search)

5 460 ~ 5 470 MHz(Detail)



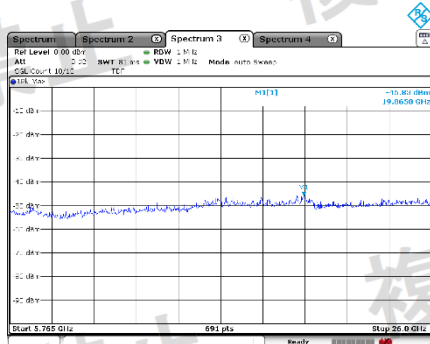
5 745 ~ 5 765 MHz(Search)

5 745 ~ 5 765 MHz(Detail)



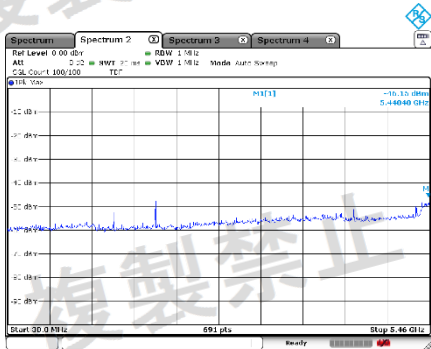
5 765 MHz ~ 26 GHz(Search)

5 765 MHz ~ 26 GHz(Detail)



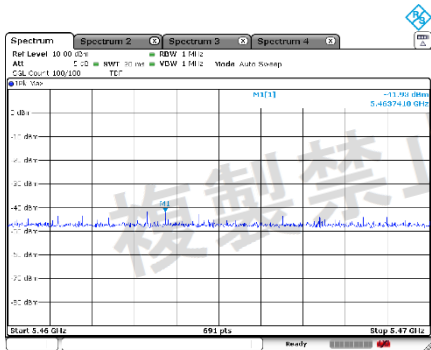


CH Middle
30 MHz ~ 5 460 MHz(Search)

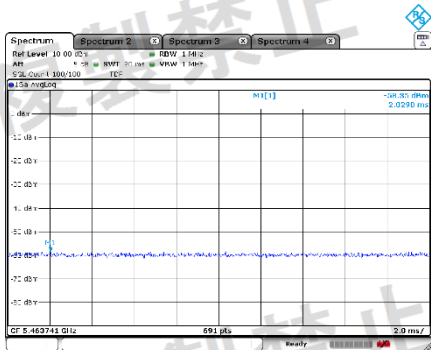


30 MHz ~ 5 460 MHz(Detail)

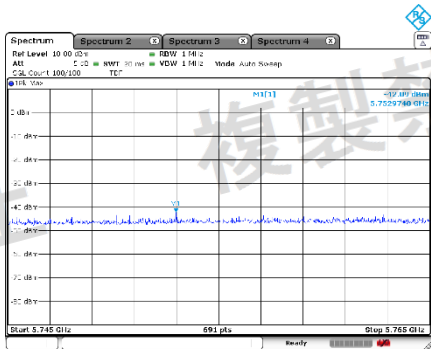
5 460 ~ 5 470 MHz(Search)



5 460 ~ 5 470 MHz(Detail)



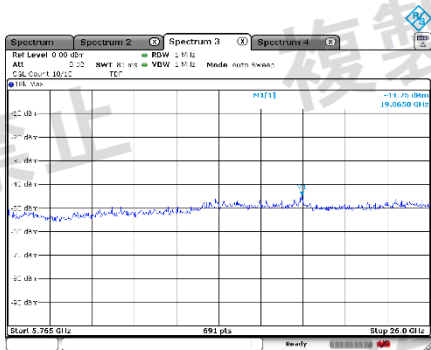
5 745 ~ 5 765 MHz(Search)



5 745 ~ 5 765 MHz(Detail)



5 765 MHz ~ 26 GHz(Search)

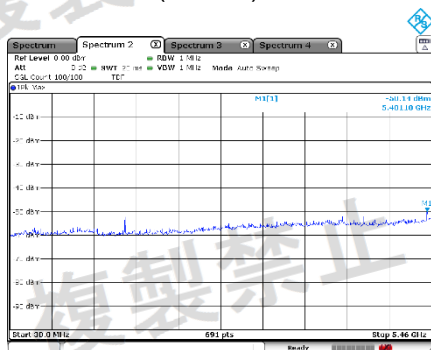


5 765 MHz ~ 26 GHz(Detail)



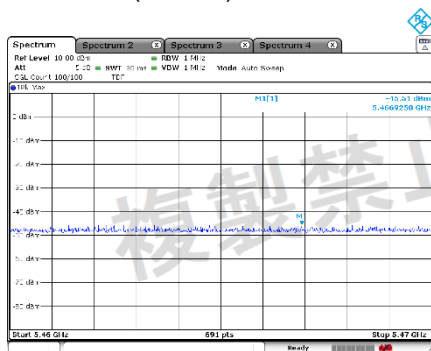


CH High
30 MHz ~ 5 460 MHz(Search)



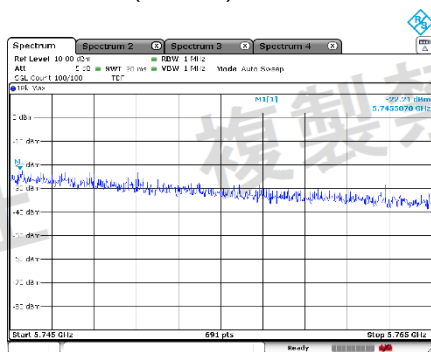
30 MHz ~ 5 460 MHz(Detail)

5 460 ~ 5 470 MHz(Search)



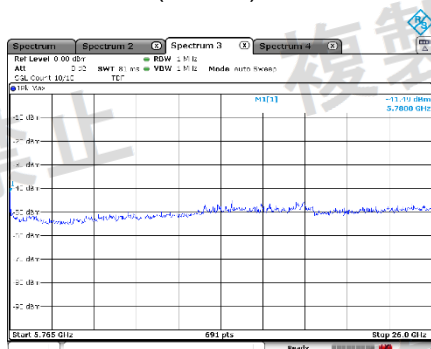
5 460 ~ 5 470 MHz(Detail)

5 745 ~ 5 765 MHz(Search)



5 745 ~ 5 765 MHz(Detail)

5 765 MHz ~ 26 GHz(Search)



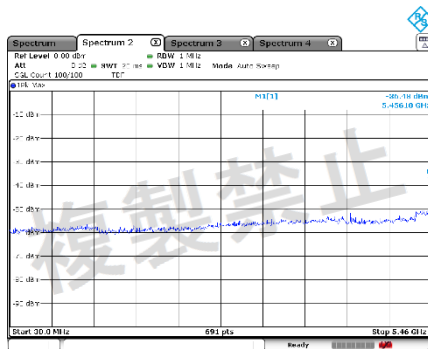
5 765 MHz ~ 26 GHz(Detail)

■802.11ac(VHT40)

CH Low

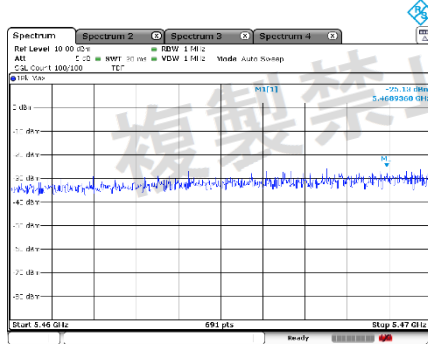
30 MHz ~ 5 460 MHz(Search)

30 MHz ~ 5 460 MHz(Detail)



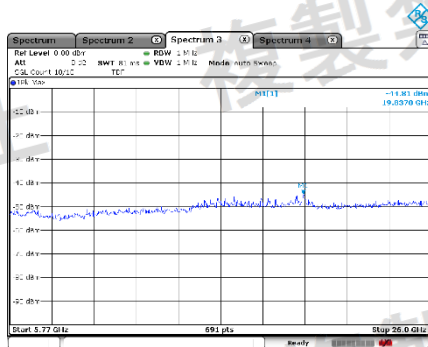
5 460 ~ 5 470 MHz(Search)

5 460 ~ 5 470 MHz(Detail)



5 770 MHz ~ 26 GHz(Search)

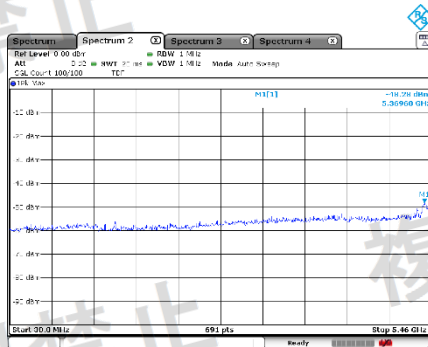
5 770 MHz ~ 26 GHz(Detail)



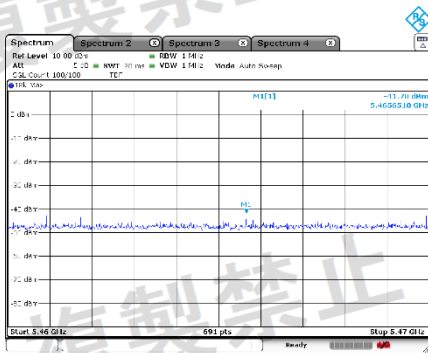
CH Middle

30 MHz ~ 5 460 MHz(Search)

30 MHz ~ 5 460 MHz(Detail)

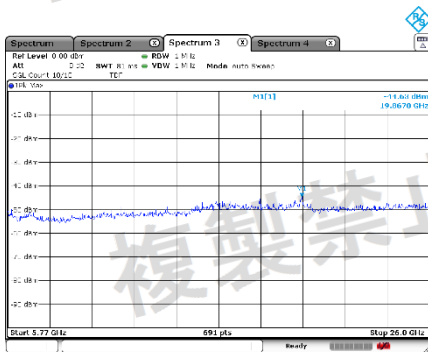


5 460 ~ 5 470 MHz(Search)



5 460 ~ 5 470 MHz(Detail)

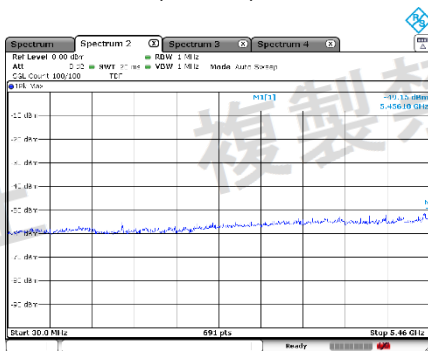
5 770 MHz ~ 26 GHz(Search)



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)

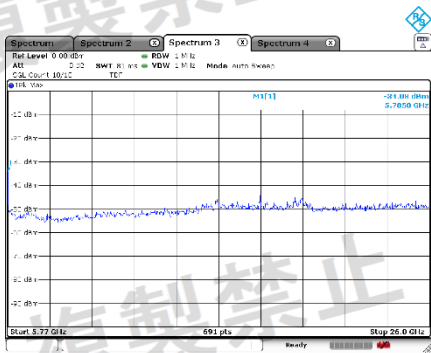


5 460 ~ 5 470 MHz(Detail)



5 770 MHz ~ 26 GHz(Search)

5 770 MHz ~ 26 GHz (Detail)

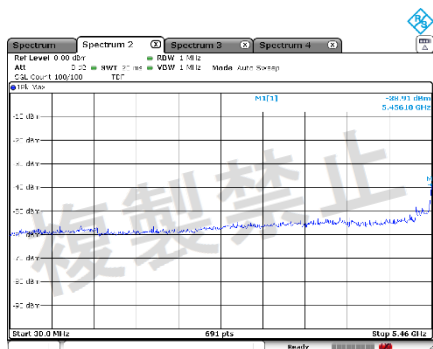


■802.11ax(HE20)

CH Low

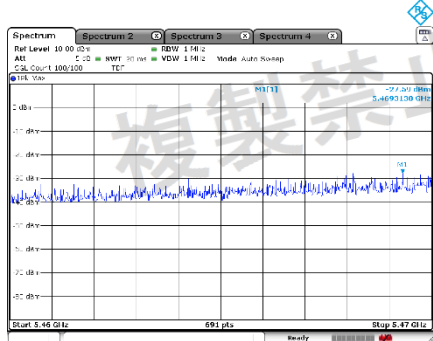
30 MHz ~ 5 460 MHz(Search)

30 MHz ~ 5 460 MHz(Detail)



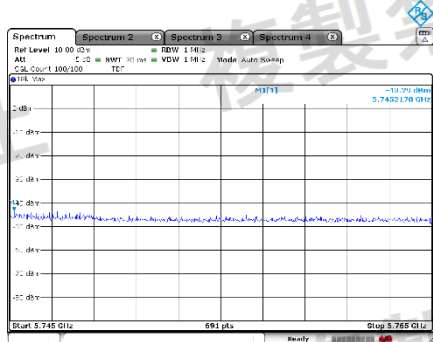
5 460 ~ 5 470 MHz(Search)

5 460 ~ 5 470 MHz(Detail)



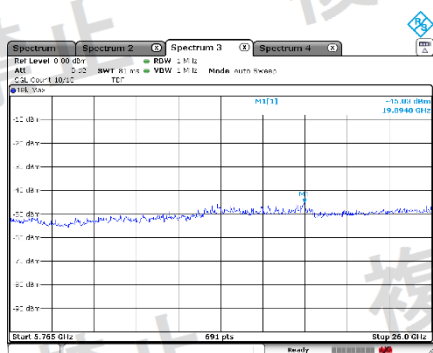
5 745 ~ 5 765 MHz(Search)

5 745 ~ 5 765 MHz(Detail)



5 765 MHz ~ 26 GHz(Search)

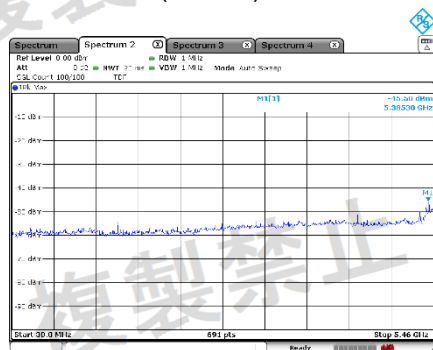
5 765 MHz ~ 26 GHz(Detail)





CH Middle

30 MHz ~ 5 460 MHz(Search)



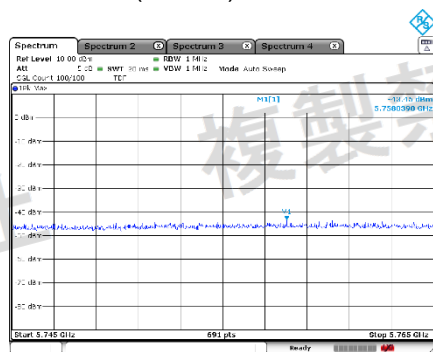
30 MHz ~ 5 460 MHz(Detail)

5 460 ~ 5 470 MHz(Search)



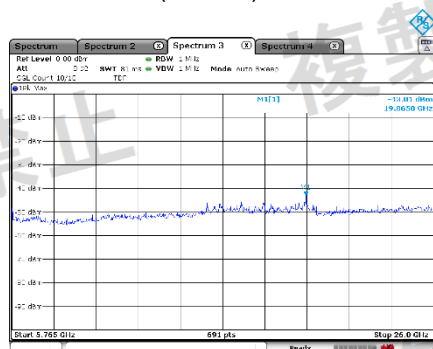
5 460 ~ 5 470 MHz(Detail)

5 745 ~ 5 765 MHz(Search)



5 745 ~ 5 765 MHz(Detail)

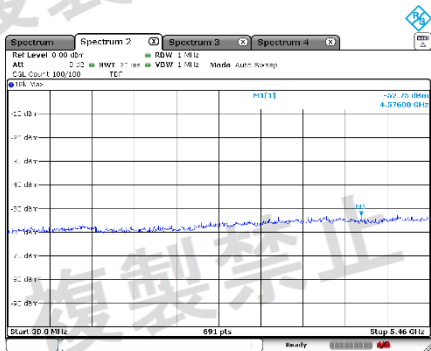
5 765 MHz ~ 26 GHz(Search)



5 765 MHz ~ 26 GHz(Detail)

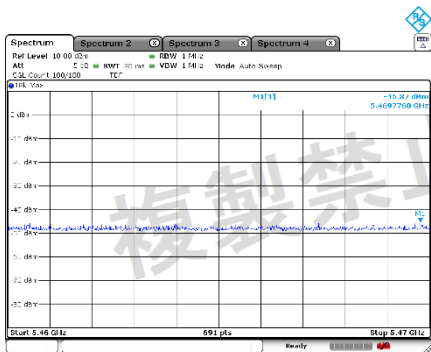


CH High
30 MHz ~ 5 460 MHz(Search)



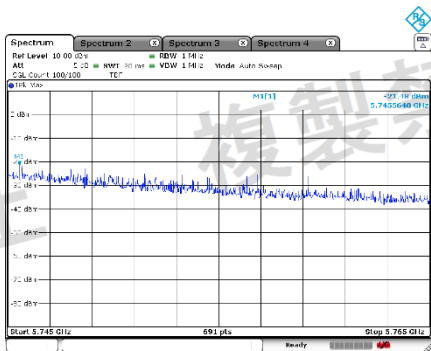
30 MHz ~ 5 460 MHz(Detail)

5 460 ~ 5 470 MHz(Search)



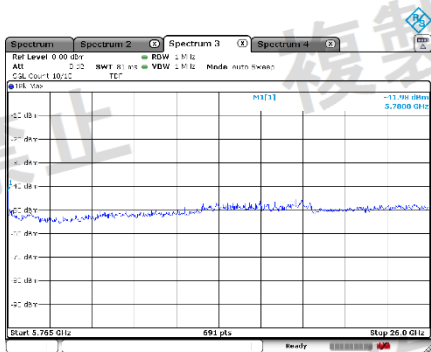
5 460 ~ 5 470 MHz(Detail)

5 745 ~ 5 765 MHz(Search)



5 250 ~ 5 765 MHz(Detail)

5 765 MHz ~ 26 GHz(Search)



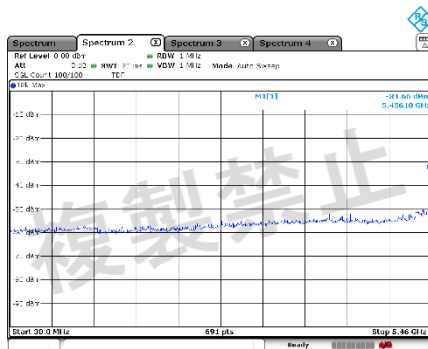
5 765 MHz ~ 26 GHz(Detail)

■802.11ax(HE40)

CH Low

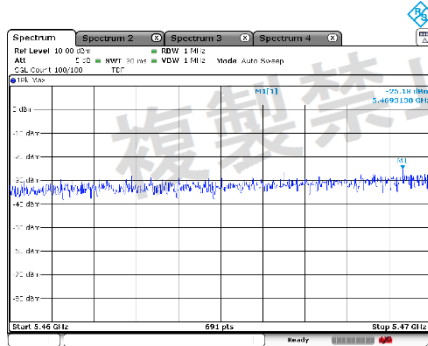
30 MHz ~ 5 460 MHz(Search)

30 MHz ~ 5 460 MHz(Detail)



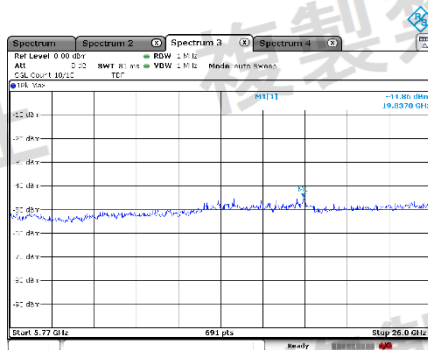
5 460 ~ 5 470 MHz(Search)

5 460 ~ 5 470 MHz(Detail)



5 770 MHz ~ 26 GHz(Search)

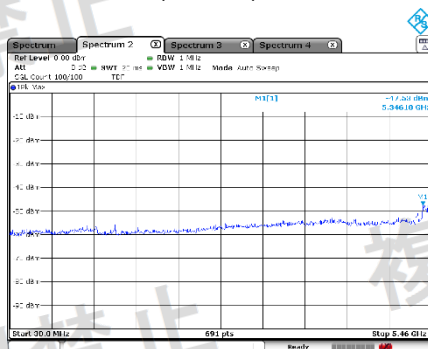
5 770 MHz ~ 26 GHz(Detail)



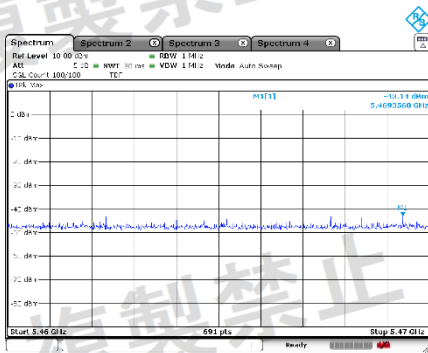
CH Middle

30 MHz ~ 5 460 MHz(Search)

30 MHz ~ 5 460 MHz(Detail)

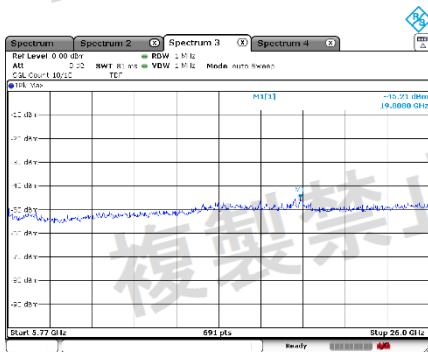


5 460 ~ 5 470 MHz(Search)



5 460 ~ 5 470 MHz(Detail)

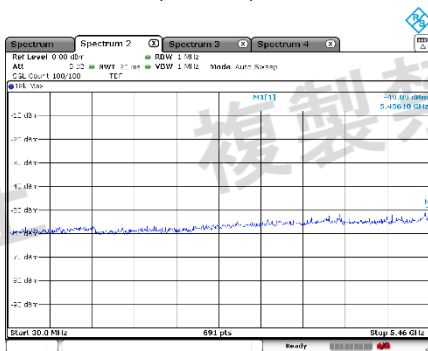
5 770 MHz ~ 26 GHz(Search)



5 770 MHz ~ 26 GHz(Detail)

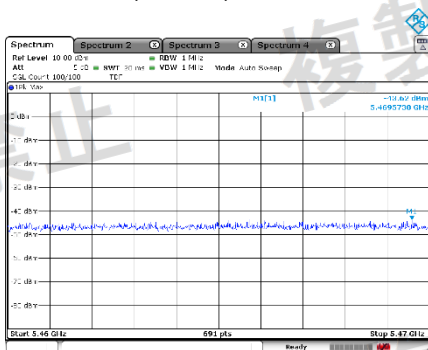
CH High

30 MHz ~ 5 460 MHz(Search)



30 MHz ~ 5 460 MHz(Detail)

5 460 ~ 5 470 MHz(Search)

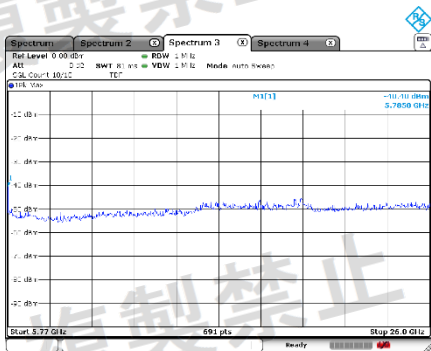


5 460 ~ 5 470 MHz(Detail)



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

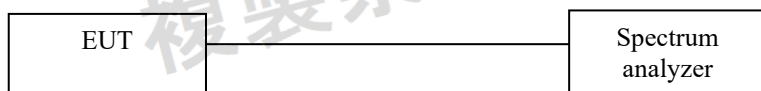
Connect transmitter output to the spectrum analyzer input port.
Unwanted emission strength is measured by following setting:

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	840.7	-86.68	0.002	4	Compliance
1 GHz ~ 26 GHz	19 542.0	-66.55	0.221	20	Compliance
Middle Channel [5 200 MHz]					
30 MHz ~ 1 GHz	995.8	-86.37	0.002	4	Compliance
1 GHz ~ 26 GHz	19 904.0	-66.95	0.202	20	Compliance
High Channel [5 240 MHz]					
30 MHz ~ 1 GHz	894.0	-86.17	0.002	4	Compliance
1 GHz ~ 26 GHz	15 779.0	-65.62	0.274	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	836.5	-86.47	0.002	4	Compliance
1 GHz ~ 26 GHz	19 868.0	-66.41	0.229	20	Compliance
Middle Channel [5 200 MHz]					
30 MHz ~ 1 GHz	899.6	-86.58	0.002	4	Compliance
1 GHz ~ 26 GHz	19 868.0	-66.96	0.201	20	Compliance
High Channel [5 240 MHz]					
30 MHz ~ 1 GHz	317.1	-86.80	0.002	4	Compliance
1 GHz ~ 26 GHz	19 868.0	-66.42	0.228	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	927.7	-86.72	0.002	4	Compliance
1 GHz ~ 26 GHz	19 831.0	-66.95	0.202	20	Compliance
High Channel [5 230 MHz]					
30 MHz ~ 1 GHz	957.2	-87.05	0.002	4	Compliance
1 GHz ~ 26 GHz	19 831.0	-67.00	0.200	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	929.1	-86.37	0.002	4	Compliance
1 GHz ~ 26 GHz	19 831.0	-66.54	0.222	20	Compliance
Middle Channel [5 200 MHz]					
30 MHz ~ 1 GHz	990.9	-86.74	0.002	4	Compliance
1 GHz ~ 26 GHz	19 831.0	-66.92	0.203	20	Compliance
High Channel [5 240 MHz]					
30 MHz ~ 1 GHz	840.7	-86.13	0.002	4	Compliance
1 GHz ~ 26 GHz	19 542.0	-66.18	0.241	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	489.7	-87.05	0.002	4	Compliance
1 GHz ~ 26 GHz	19 868.0	-66.11	0.245	20	Compliance
High Channel [5 230 MHz]					
30 MHz ~ 1 GHz	960.0	-86.90	0.002	4	Compliance
1 GHz ~ 26 GHz	15 779.0	-66.97	0.201	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	930.5	-86.69	0.002	4	Compliance
1 GHz ~ 26 GHz	19 868.0	-66.64	0.217	20	Compliance
Middle Channel [5 200 MHz]					
30 MHz ~ 1 GHz	874.4	-87.03	0.002	4	Compliance
1 GHz ~ 26 GHz	15 743.0	-66.25	0.237	20	Compliance
High Channel [5 240 MHz]					
30 MHz ~ 1 GHz	953.0	-85.61	0.003	4	Compliance
1 GHz ~ 26 GHz	15 888.0	-65.67	0.271	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	962.8	-86.47	0.002	4	Compliance
1 GHz ~ 26 GHz	19 868.0	-67.04	0.198	20	Compliance
High Channel [5 230 MHz]					
30 MHz ~ 1 GHz	944.6	-86.39	0.002	4	Compliance
1 GHz ~ 26 GHz	19 868.0	-66.61	0.218	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	981.0	-86.92	0.002	4	Compliance
1 GHz ~ 26 GHz	17 842.0	-67.35	0.184	20	Compliance
Middle Channel [5 280 MHz]					
30 MHz ~ 1 GHz	958.0	-86.77	0.002	4	Compliance
1 GHz ~ 26 GHz	15 743.0	-66.73	0.212	20	Compliance
High Channel [5 320 MHz]					
30 MHz ~ 1 GHz	926.3	-86.57	0.002	4	Compliance
1 GHz ~ 26 GHz	19 868.0	-66.05	0.248	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	885.6	-86.19	0.002	4	Compliance
1 GHz ~ 26 GHz	19 868.0	-66.66	0.216	20	Compliance
Middle Channel [5 280 MHz]					
30 MHz ~ 1 GHz	948.8	-86.31	0.002	4	Compliance
1 GHz ~ 26 GHz	19 868.0	-66.60	0.219	20	Compliance
High Channel [5 320 MHz]					
30 MHz ~ 1 GHz	903.8	-86.92	0.002	4	Compliance
1 GHz ~ 26 GHz	19 831.0	-66.11	0.245	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	892.6	-86.72	0.002	4	Compliance
1 GHz ~ 26 GHz	19 831.0	-65.88	0.258	20	Compliance
High Channel [5 310 MHz]					
30 MHz ~ 1 GHz	986.7	-86.34	0.002	4	Compliance
1 GHz ~ 26 GHz	19 904.0	-66.85	0.207	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	877.2	-86.78	0.002	4	Compliance
1 GHz ~ 26 GHz	15 743.0	-66.78	0.210	20	Compliance
Middle Channel [5 280 MHz]					
30 MHz ~ 1 GHz	962.8	-86.72	0.002	4	Compliance
1 GHz ~ 26 GHz	19 868.0	-66.49	0.224	20	Compliance
High Channel [5 320 MHz]					
30 MHz ~ 1 GHz	882.8	-86.45	0.002	4	Compliance
1 GHz ~ 26 GHz	19 868.0	-66.24	0.238	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	982.5	-86.42	0.002	4	Compliance
1 GHz ~ 26 GHz	19 868.0	-66.60	0.219	20	Compliance
High Channel [5 310 MHz]					
30 MHz ~ 1 GHz	934.7	-86.30	0.002	4	Compliance
1 GHz ~ 26 GHz	19 831.0	-66.14	0.243	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	832.3	-86.66	0.002	4	Compliance
1 GHz ~ 26 GHz	19 868.0	-65.90	0.257	20	Compliance
Middle Channel [5 280 MHz]					
30 MHz ~ 1 GHz	978.2	-86.30	0.002	4	Compliance
1 GHz ~ 26 GHz	17 842.0	-66.91	0.204	20	Compliance
High Channel [5 320 MHz]					
30 MHz ~ 1 GHz	986.7	-86.35	0.002	4	Compliance
1 GHz ~ 26 GHz	19 831.0	-66.70	0.214	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	976.8	-86.39	0.002	4	Compliance
1 GHz ~ 26 GHz	16 105.0	-66.72	0.213	20	Compliance
High Channel [5 310 MHz]					
30 MHz ~ 1 GHz	993.7	-87.09	0.002	4	Compliance
1 GHz ~ 26 GHz	17 842.0	-66.54	0.222	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	974.0	-85.71	0.003	4	Compliance
1 GHz ~ 26 GHz	19 868.0	-65.88	0.258	20	Compliance
Middle Channel [5 600 MHz]					
30 MHz ~ 1 GHz	990.9	-86.43	0.002	4	Compliance
1 GHz ~ 26 GHz	19 868.0	-66.09	0.246	20	Compliance
High Channel [5 720 MHz]					
30 MHz ~ 1 GHz	989.5	-86.03	0.002	4	Compliance
1 GHz ~ 26 GHz	15 418.0	-66.59	0.219	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	951.6	-85.56	0.003	4	Compliance
1 GHz ~ 26 GHz	19 868.0	-66.39	0.230	20	Compliance
Middle Channel [5 600 MHz]					
30 MHz ~ 1 GHz	969.8	-86.54	0.002	4	Compliance
1 GHz ~ 26 GHz	19 831.0	-66.70	0.214	20	Compliance
High Channel [5 720 MHz]					
30 MHz ~ 1 GHz	933.3	-86.63	0.002	4	Compliance
1 GHz ~ 26 GHz	19 831.0	-66.00	0.251	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	946.0	-87.04	0.002	4	Compliance
1 GHz ~ 26 GHz	19 831.0	-66.46	0.226	20	Compliance
Middle Channel [5 590 MHz]					
30 MHz ~ 1 GHz	997.9	-86.68	0.002	4	Compliance
1 GHz ~ 26 GHz	19 868.0	-66.43	0.228	20	Compliance
High Channel [5 710 MHz]					
30 MHz ~ 1 GHz	990.9	-86.26	0.002	4	Compliance
1 GHz ~ 26 GHz	19 506.0	-66.63	0.217	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	943.1	-86.87	0.002	4	Compliance
1 GHz ~ 26 GHz	19 831.0	-66.33	0.233	20	Compliance
Middle Channel [5 600 MHz]					
30 MHz ~ 1 GHz	868.7	-86.96	0.002	4	Compliance
1 GHz ~ 26 GHz	19 831.0	-66.33	0.233	20	Compliance
High Channel [5 720 MHz]					
30 MHz ~ 1 GHz	926.3	-86.63	0.002	4	Compliance
1 GHz ~ 26 GHz	19 904.0	-66.66	0.216	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	988.1	-86.89	0.002	4	Compliance
1 GHz ~ 26 GHz	19 904.0	-66.57	0.220	20	Compliance
Middle Channel [5 590 MHz]					
30 MHz ~ 1 GHz	860.3	-86.89	0.002	4	Compliance
1 GHz ~ 26 GHz	19 831.0	-65.80	0.263	20	Compliance
High Channel [5 710 MHz]					
30 MHz ~ 1 GHz	948.8	-86.01	0.003	4	Compliance
1 GHz ~ 26 GHz	19 868.0	-67.15	0.193	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	964.2	-86.85	0.002	4	Compliance
1 GHz ~ 26 GHz	15 743.0	-65.92	0.256	20	Compliance
Middle Channel [5 600 MHz]					
30 MHz ~ 1 GHz	958.6	-86.62	0.002	4	Compliance
1 GHz ~ 26 GHz	19 831.0	-66.83	0.207	20	Compliance
High Channel [5 720 MHz]					
30 MHz ~ 1 GHz	926.3	-86.67	0.002	4	Compliance
1 GHz ~ 26 GHz	19 831.0	-65.99	0.252	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	986.7	-86.45	0.002	4	Compliance
1 GHz ~ 26 GHz	19 831.0	-66.34	0.232	20	Compliance
Middle Channel [5 590 MHz]					
30 MHz ~ 1 GHz	985.3	-86.14	0.002	4	Compliance
1 GHz ~ 26 GHz	19 868.0	-66.90	0.204	20	Compliance
High Channel [5 710 MHz]					
30 MHz ~ 1 GHz	844.9	-86.18	0.002	4	Compliance
1 GHz ~ 26 GHz	19 868.0	-66.20	0.240	20	Compliance

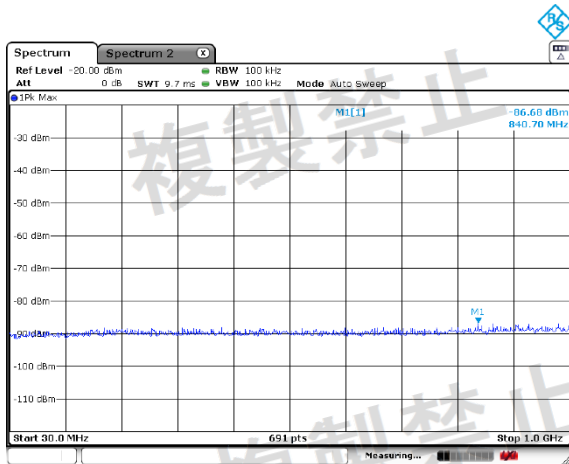
5.6.6 Test Plot

■ W52

■ 802.11a

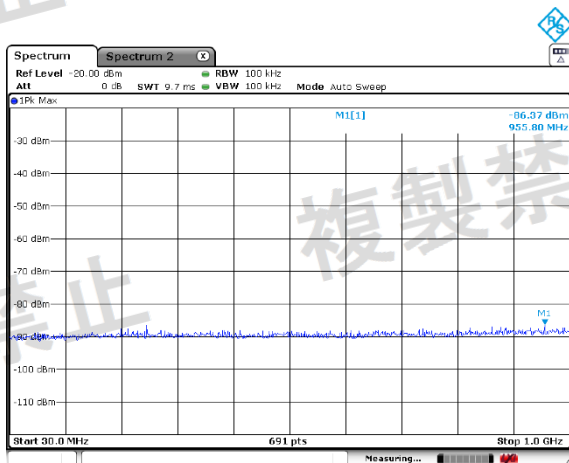
CH Low

30 MHz ~ 1 GHz



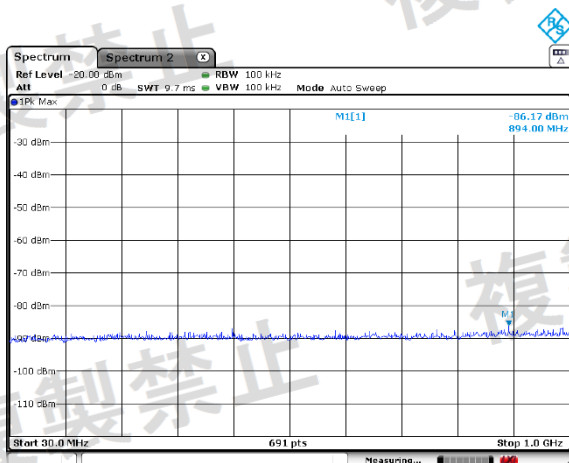
CH Mid

30 MHz ~ 1 GHz

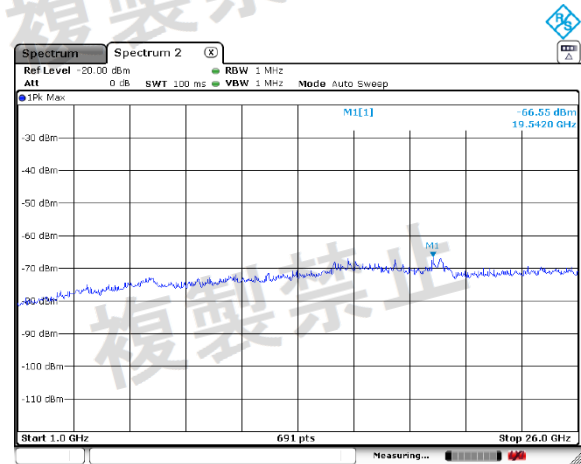


CH High

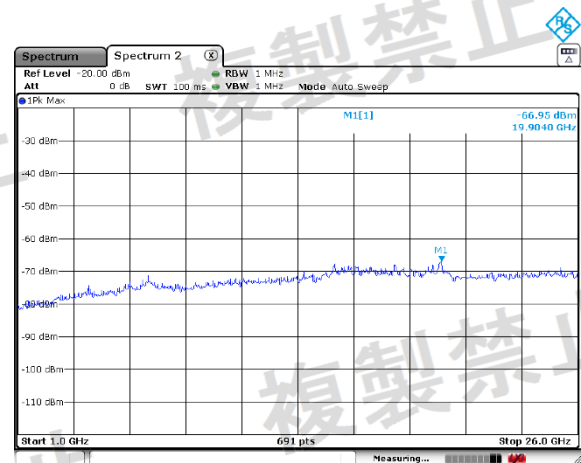
30 MHz ~ 1 GHz



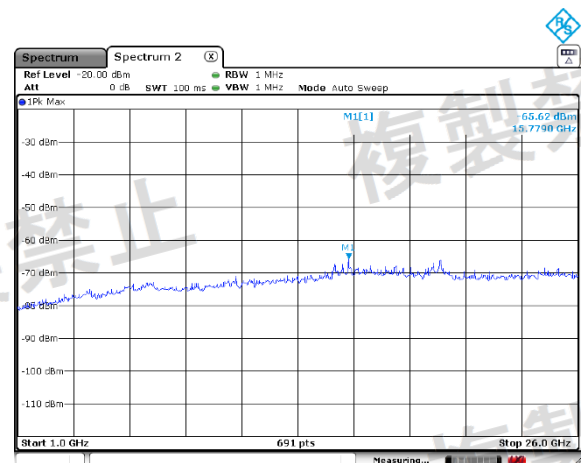
1 GHz ~ 26 GHz



1 GHz ~ 26 GHz



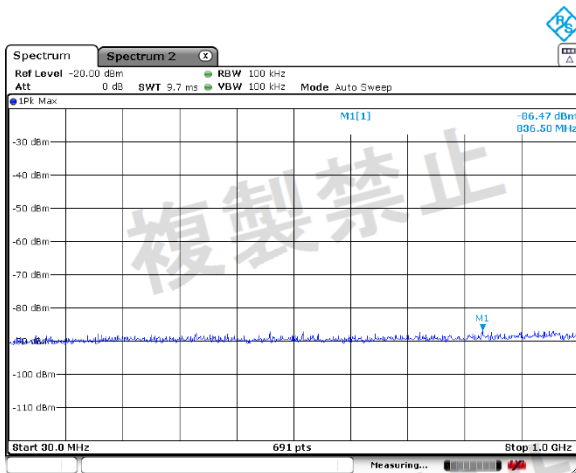
1 GHz ~ 26 GHz



■ 802.11n(HT20)

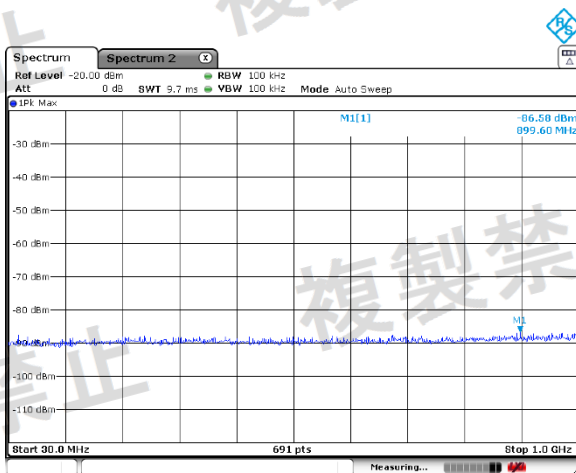
CH Low

30 MHz ~ 1 GHz



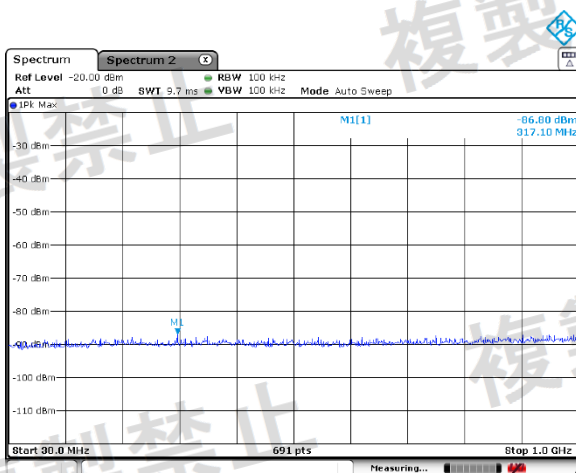
CH Mid

30 MHz ~ 1 GHz

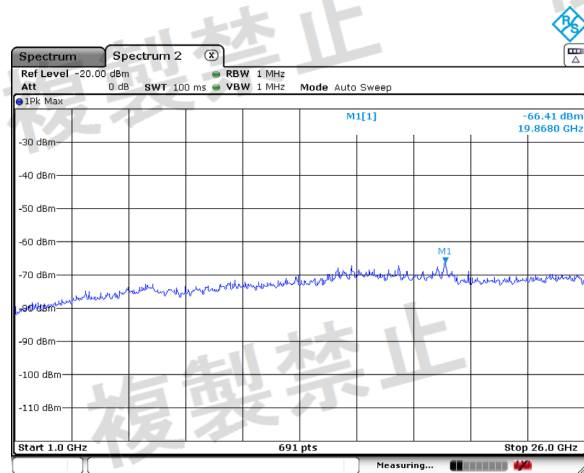


CH High

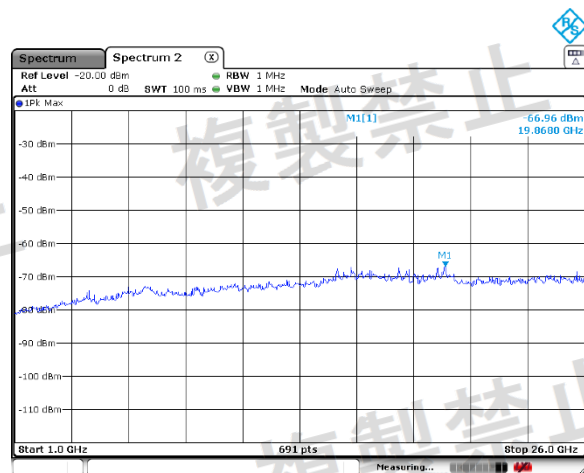
30 MHz ~ 1 GHz



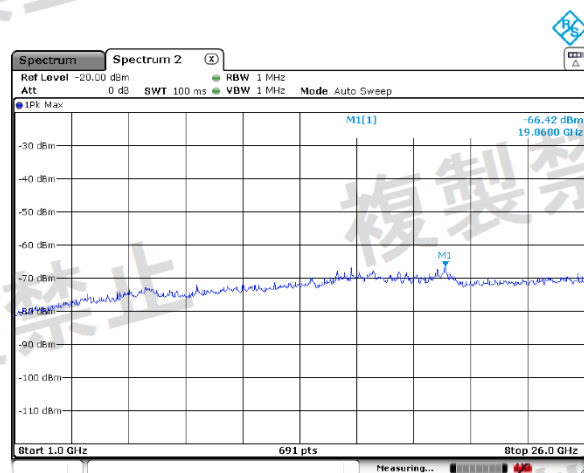
1 GHz ~ 26 GHz



1 GHz ~ 26 GHz



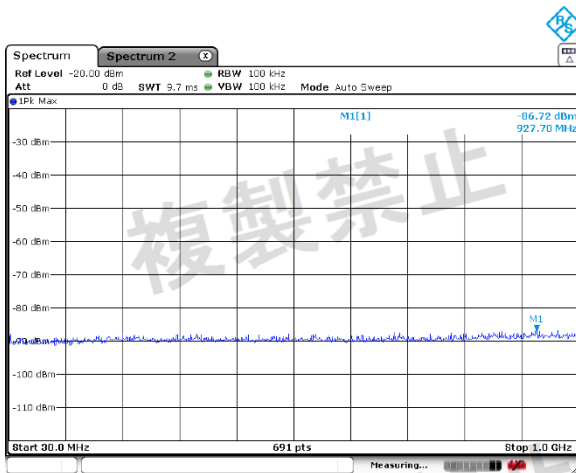
1 GHz ~ 26 GHz



■802.11n(HT40)

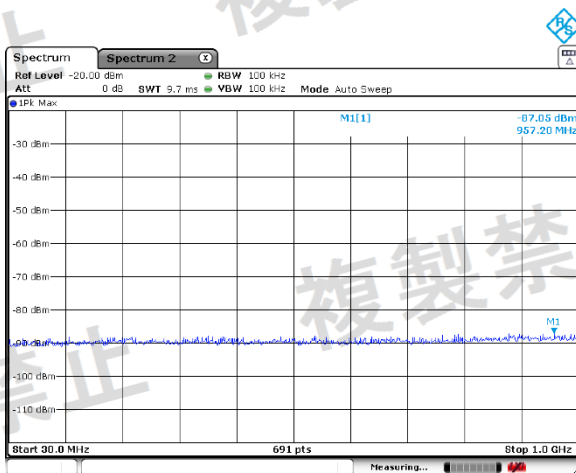
CH Low

30 MHz ~ 1 GHz

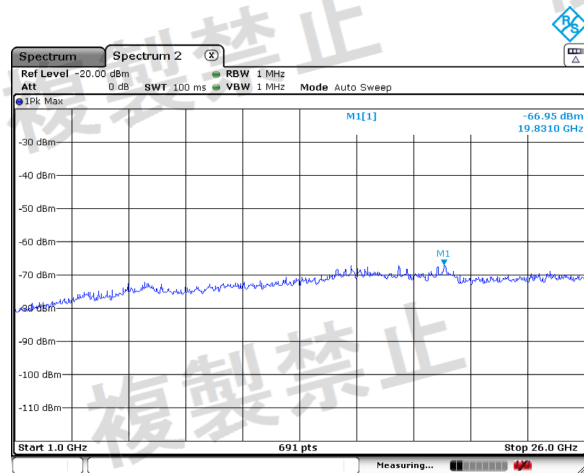


CH High

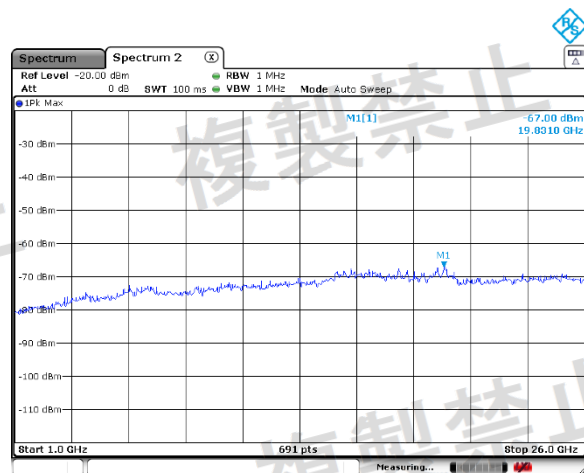
30 MHz ~ 1 GHz



1 GHz ~ 26 GHz



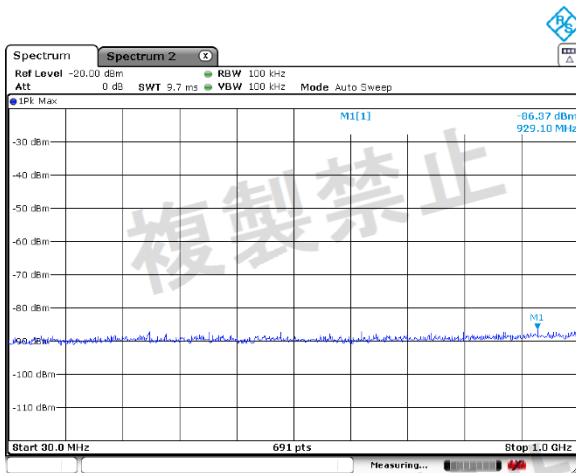
1 GHz ~ 26 GHz



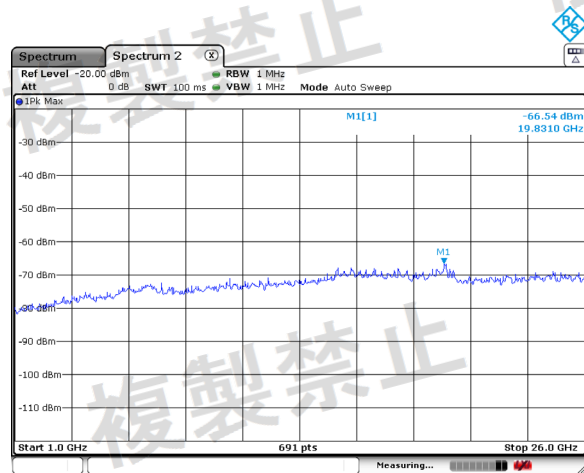
■ 802.11ac(VHT20)

CH Low

30 MHz ~ 1 GHz

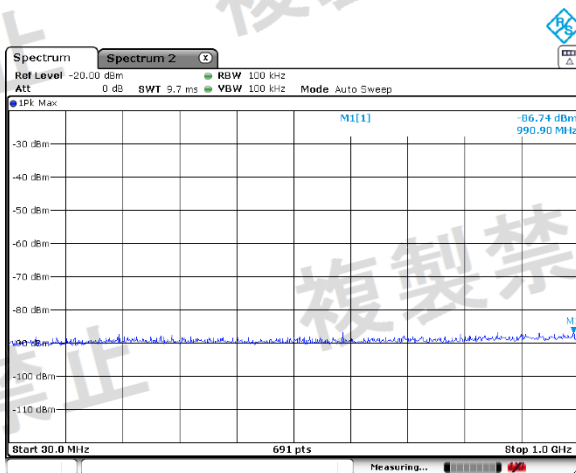


1 GHz ~ 26 GHz

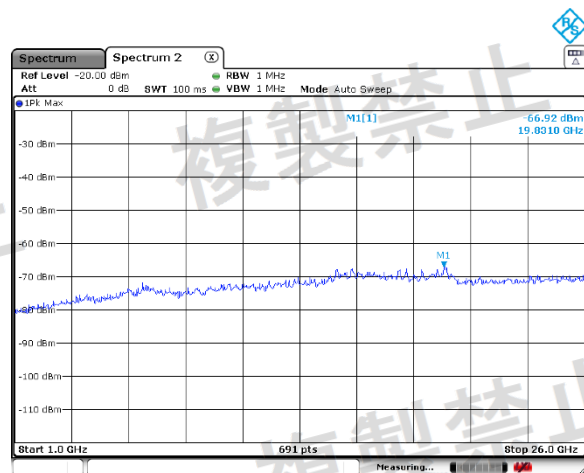


CH Mid

30 MHz ~ 1 GHz

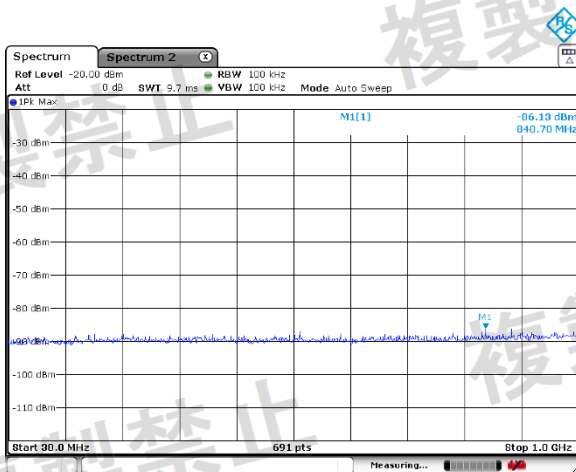


1 GHz ~ 26 GHz

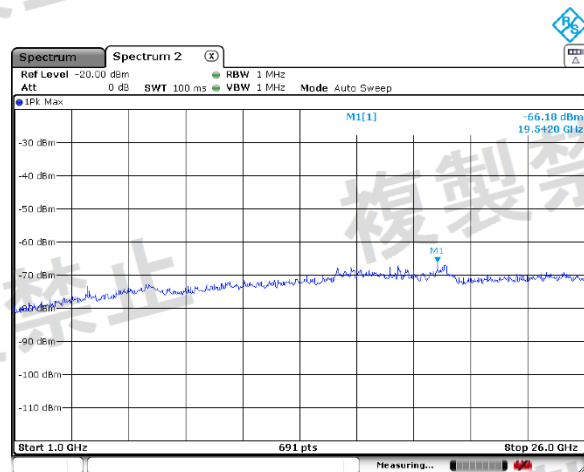


CH High

30 MHz ~ 1 GHz



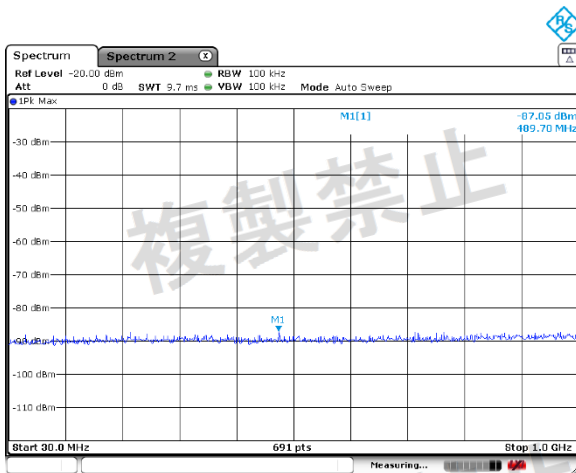
1 GHz ~ 26 GHz



802.11ac(VHT40)

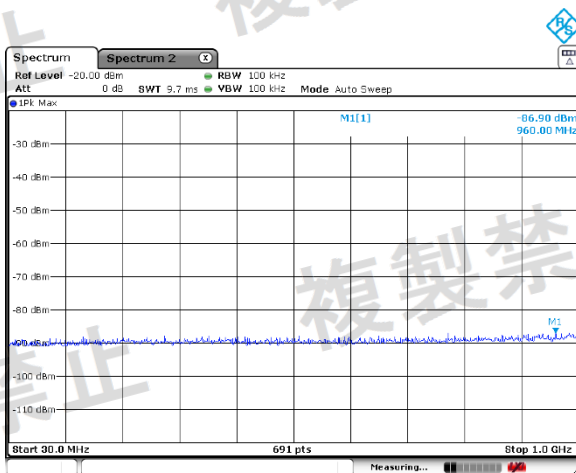
CH Low

30 MHz ~ 1 GHz

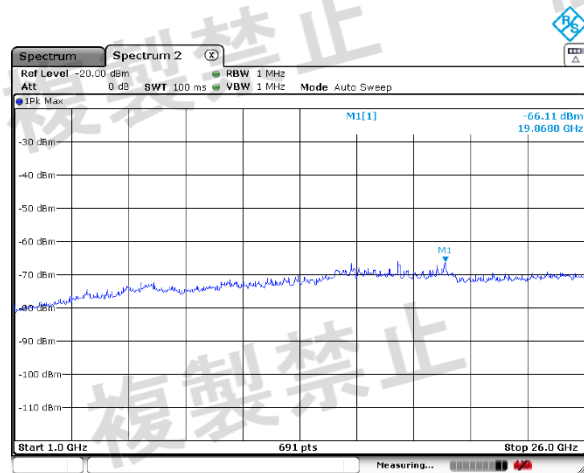


CH High

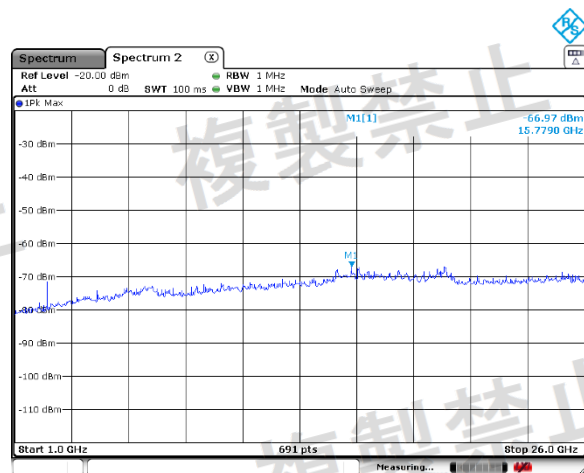
30 MHz ~ 1 GHz



1 GHz ~ 26 GHz



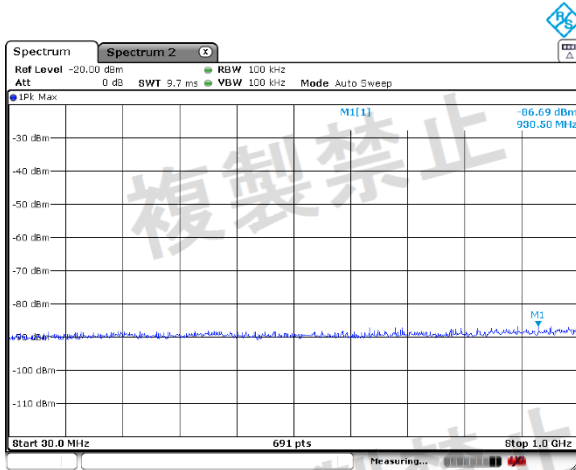
1 GHz ~ 26 GHz



802.11ax(HE20)

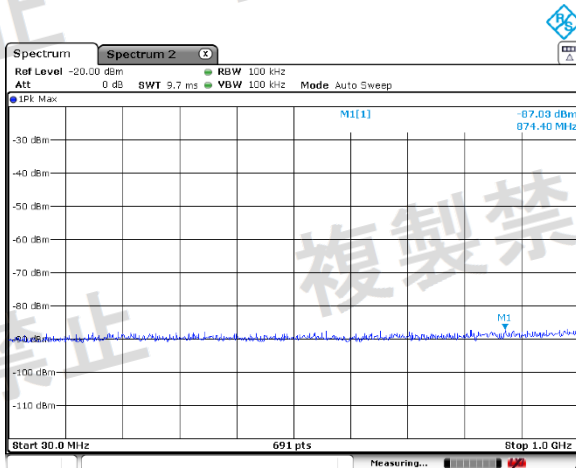
CH Low

30 MHz ~ 1 GHz



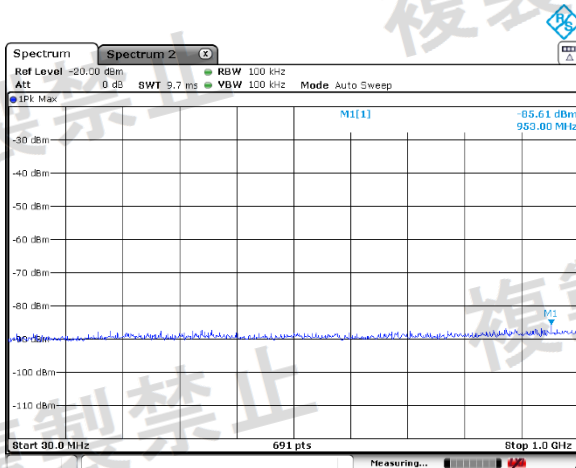
CH Mid

30 MHz ~ 1 GHz

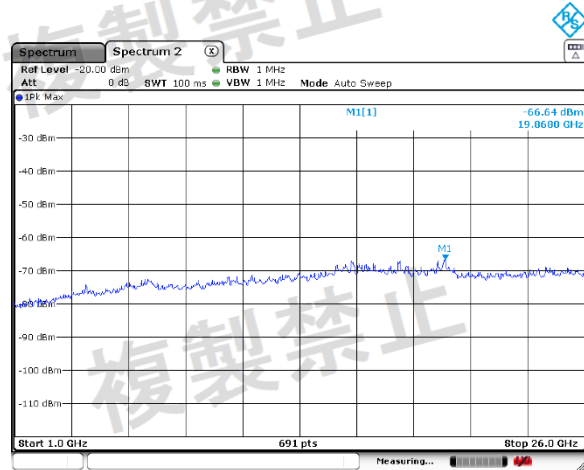


CH High

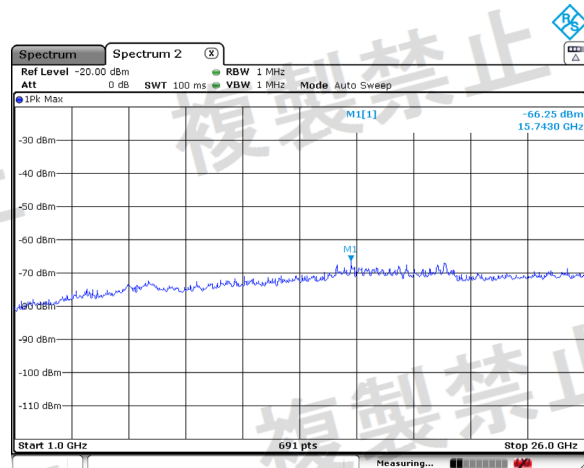
30 MHz ~ 1 GHz



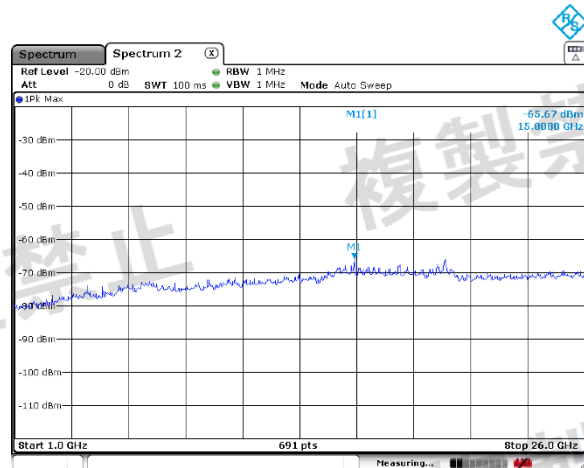
1 GHz ~ 26 GHz



1 GHz ~ 26 GHz



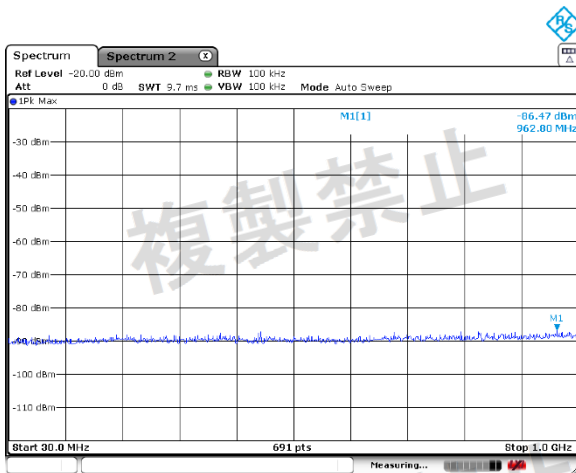
1 GHz ~ 26 GHz



802.11ax(HE40)

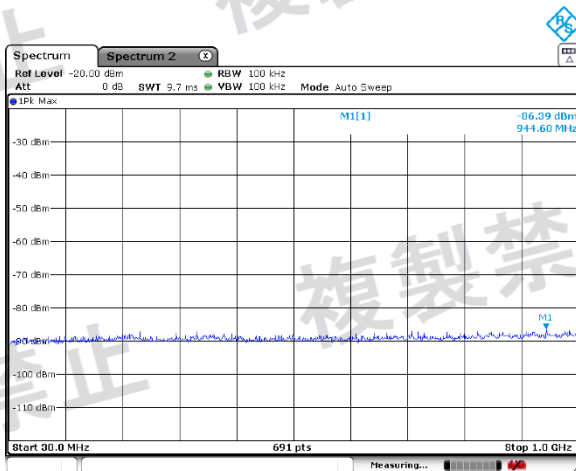
CH Low

30 MHz ~ 1 GHz

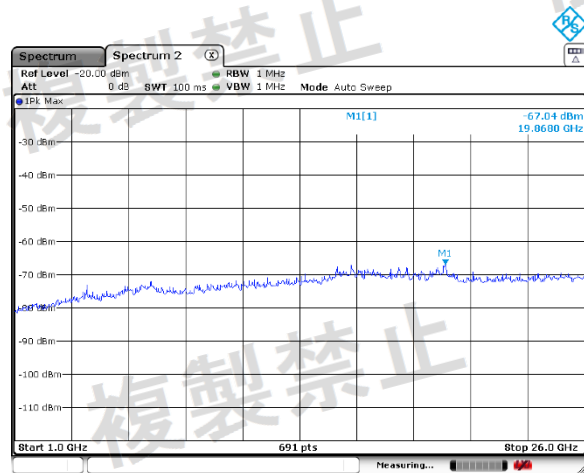


CH High

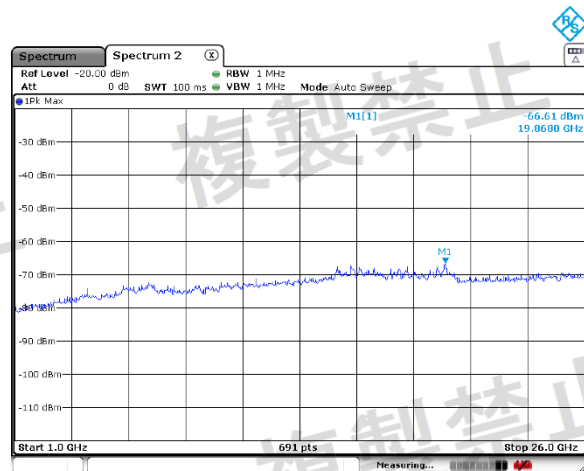
30 MHz ~ 1 GHz



1 GHz ~ 26 GHz



1 GHz ~ 26 GHz

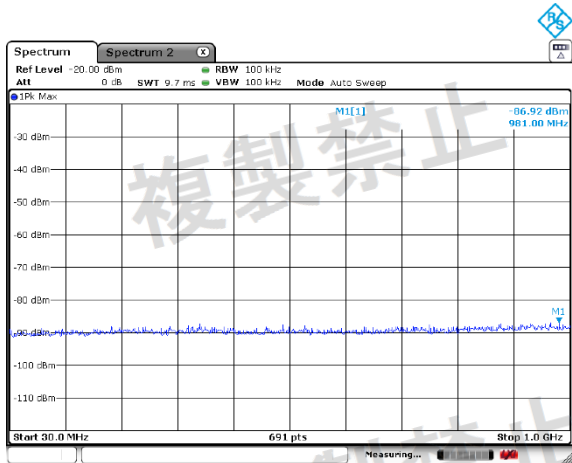


■ W53

■ 802.11a

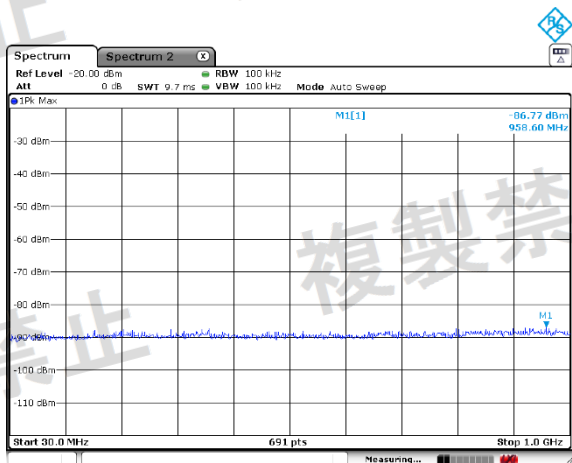
CH Low

30 MHz ~ 1 GHz



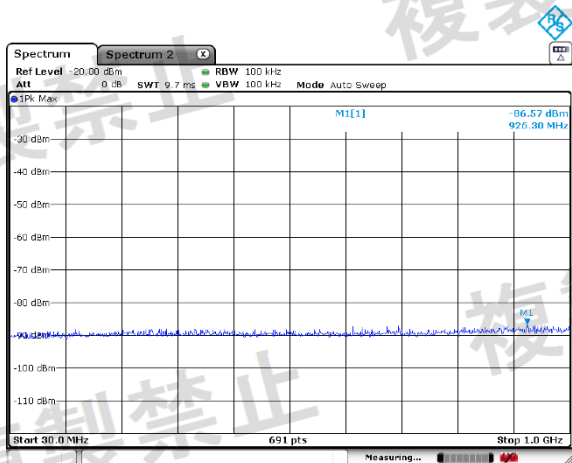
CH Mid

30 MHz ~ 1 GHz

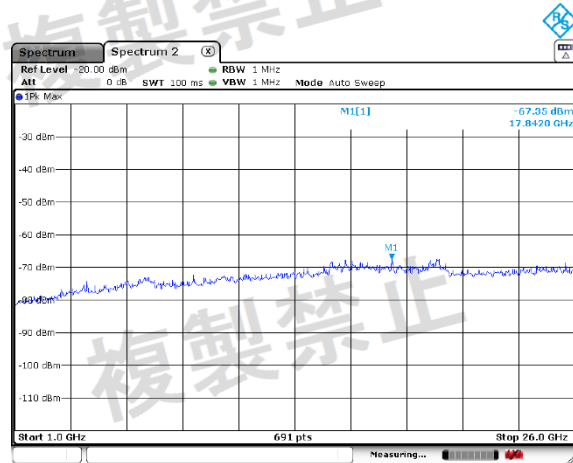


CH High

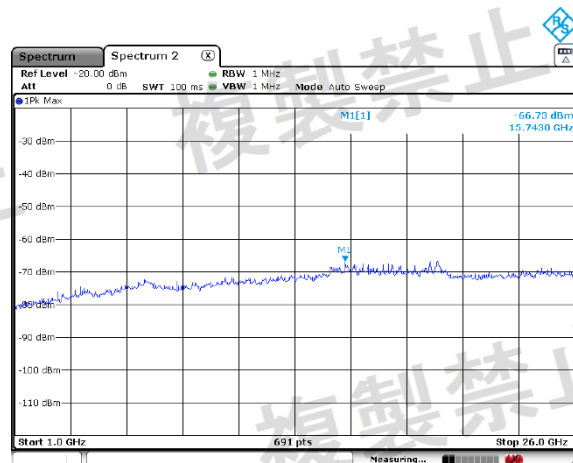
30 MHz ~ 1 GHz



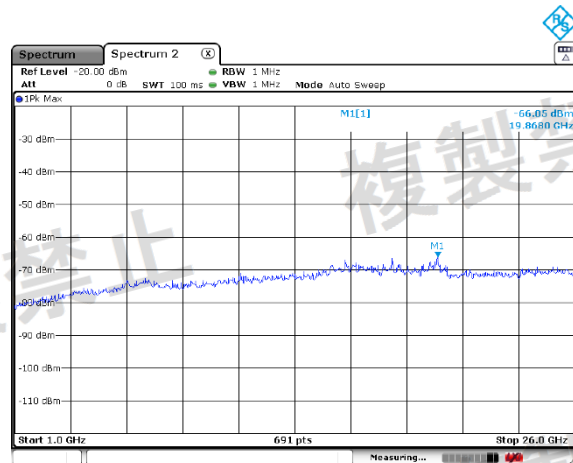
1 GHz ~ 26 GHz



1 GHz ~ 26 GHz



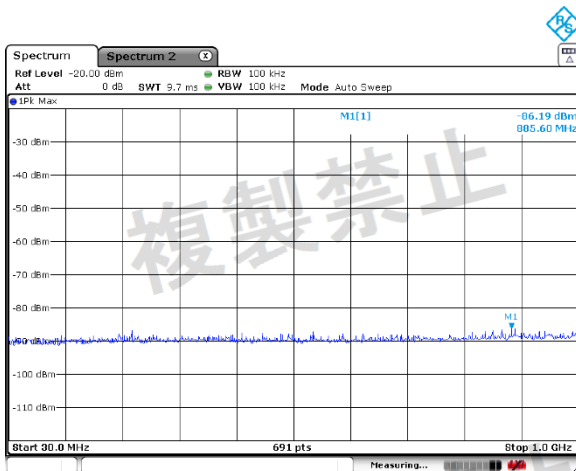
1 GHz ~ 26 GHz



■802.11n(HT20)

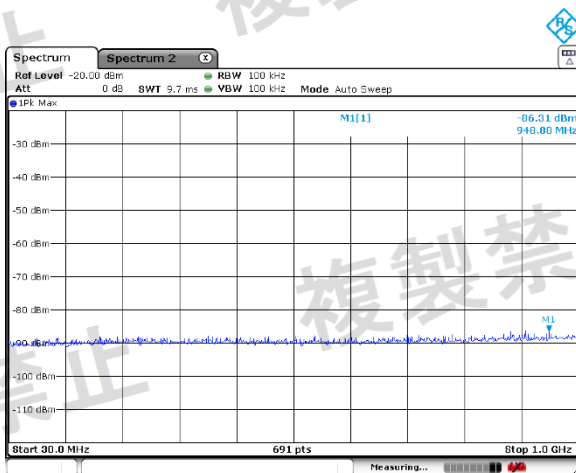
CH Low

30 MHz ~ 1 GHz



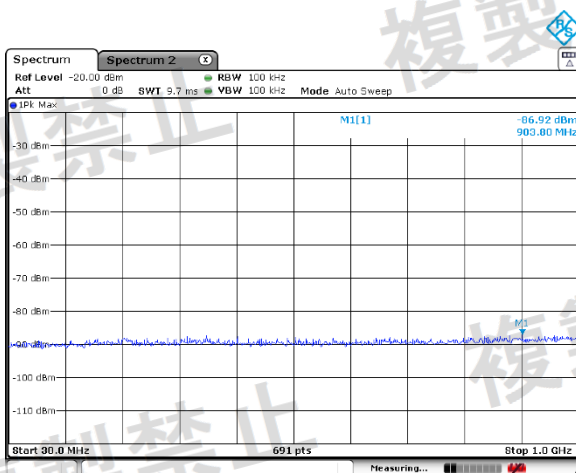
CH Mid

30 MHz ~ 1 GHz

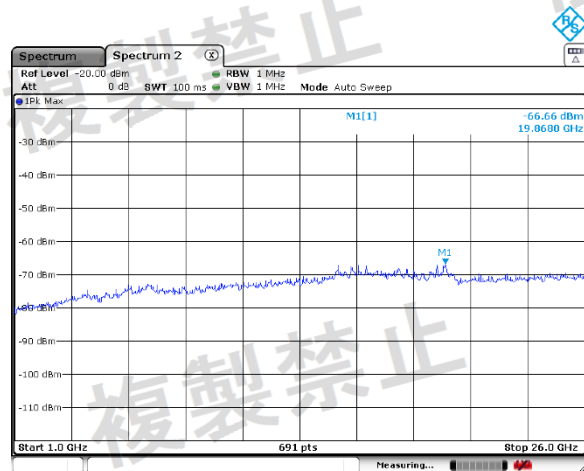


CH High

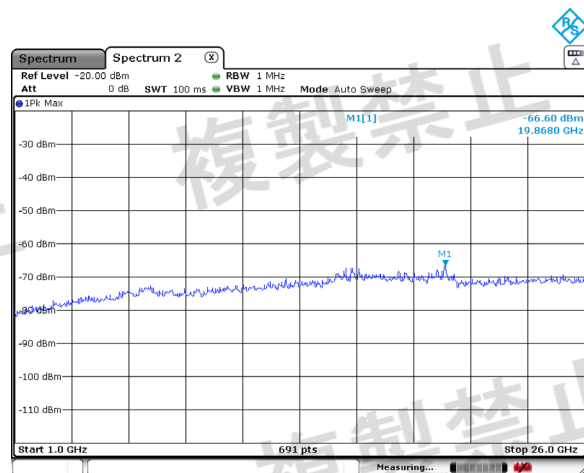
30 MHz ~ 1 GHz



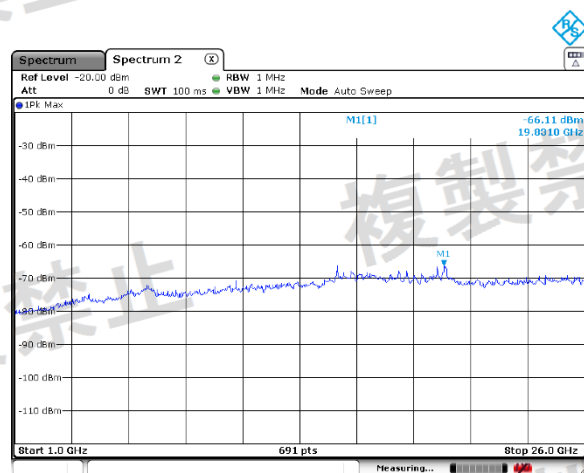
1 GHz ~ 26 GHz



1 GHz ~ 26 GHz



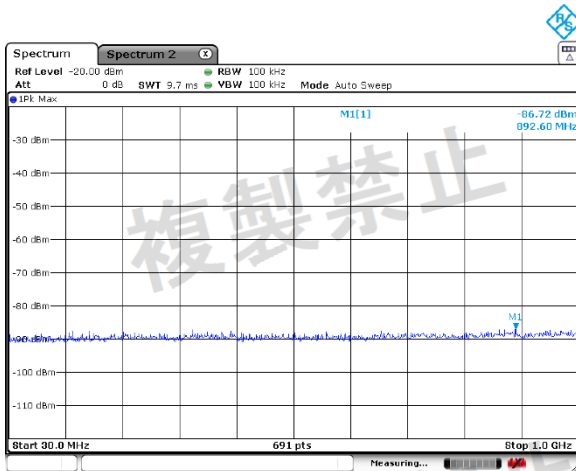
1 GHz ~ 26 GHz



802.11n(HT40)

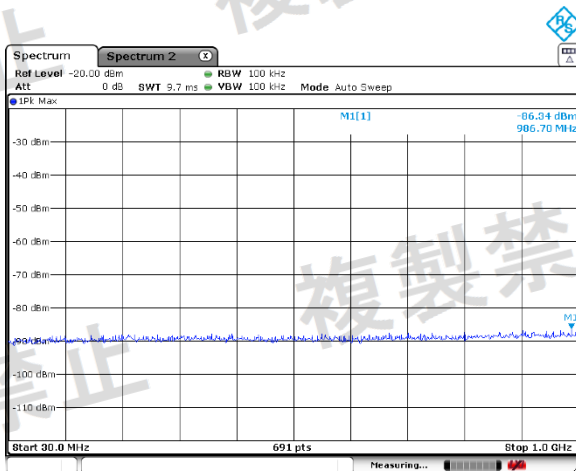
CH Low

30 MHz ~ 1 GHz

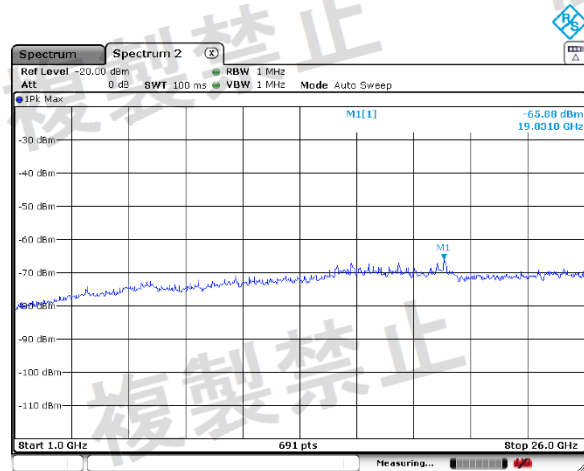


CH High

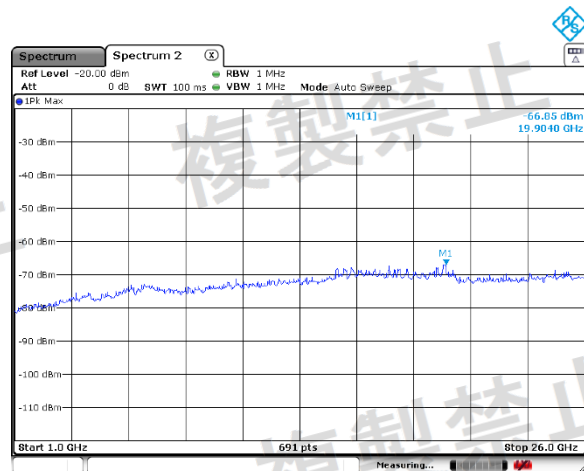
30 MHz ~ 1 GHz



1 GHz ~ 26 GHz



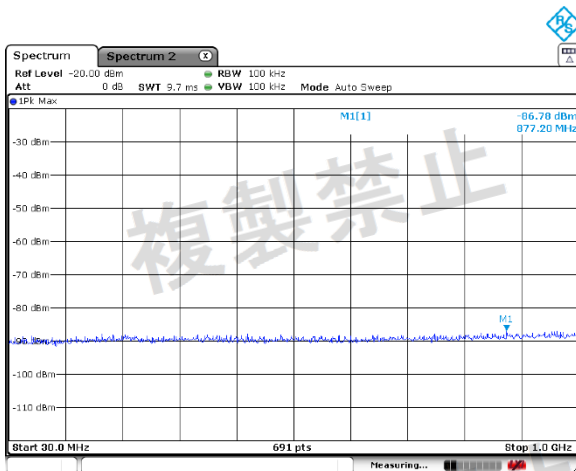
1 GHz ~ 26 GHz



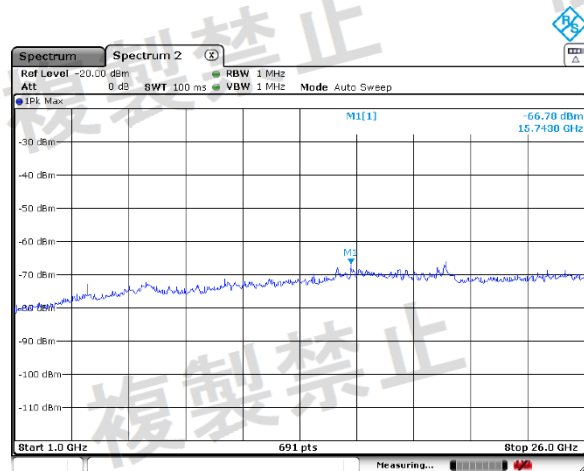
■ 802.11ac(VHT20)

CH Low

30 MHz ~ 1 GHz

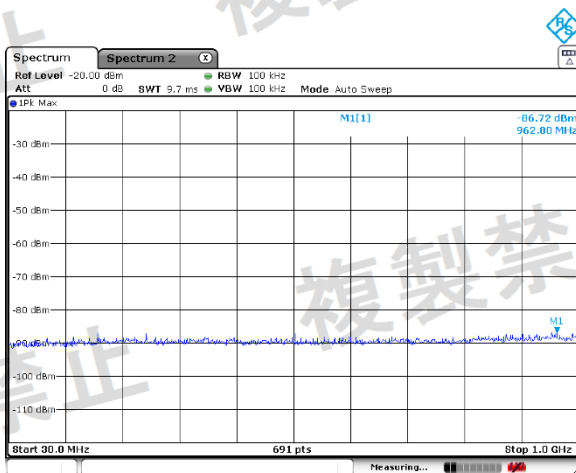


1 GHz ~ 26 GHz

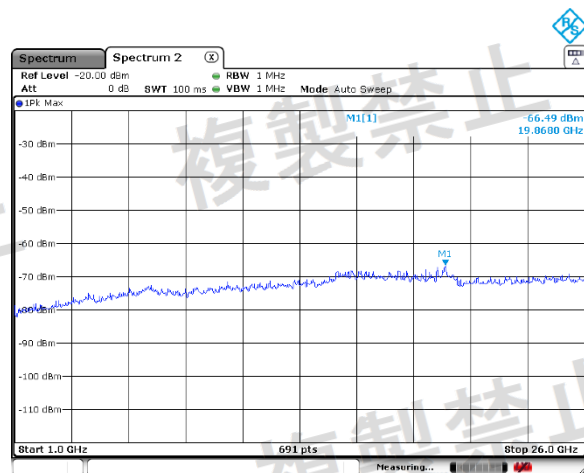


CH Mid

30 MHz ~ 1 GHz

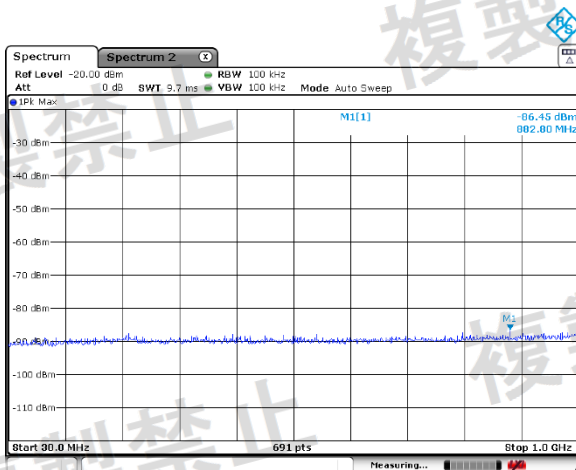


1 GHz ~ 26 GHz

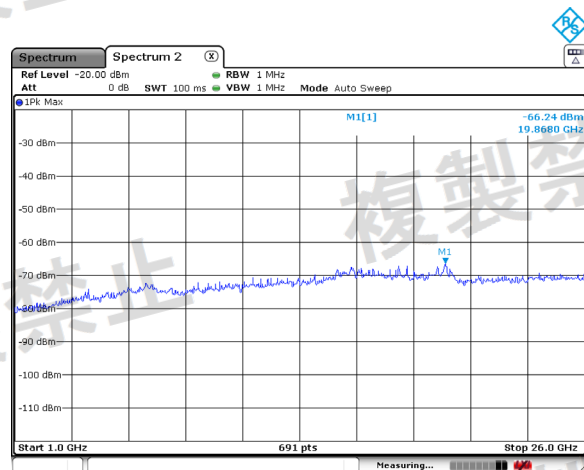


CH High

30 MHz ~ 1 GHz



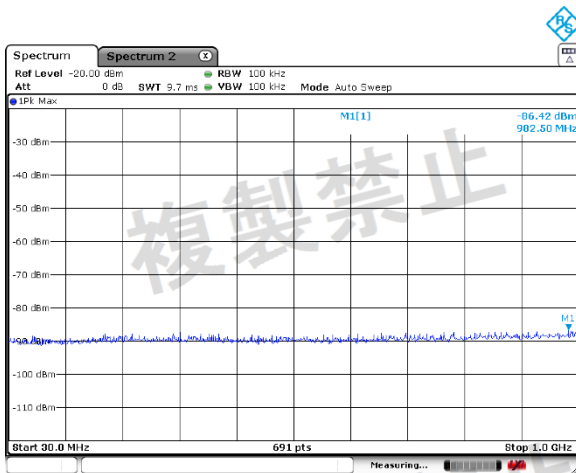
1 GHz ~ 26 GHz



■ 802.11ac(VHT40)

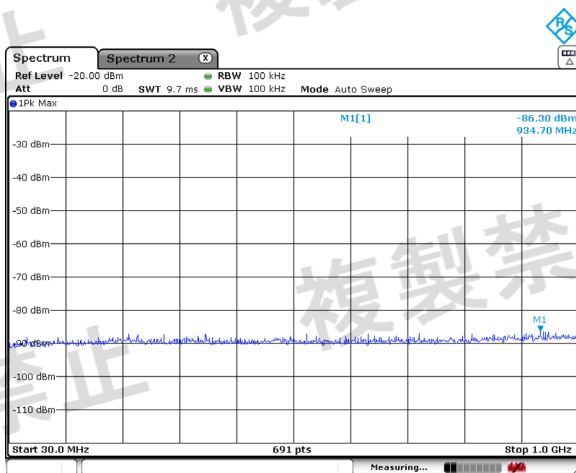
CH Low

30 MHz ~ 1 GHz

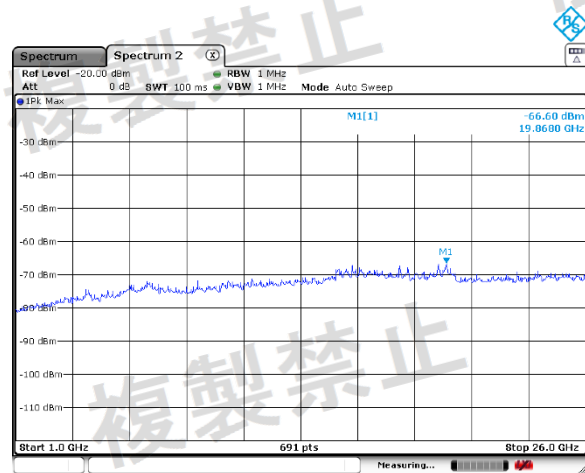


CH High

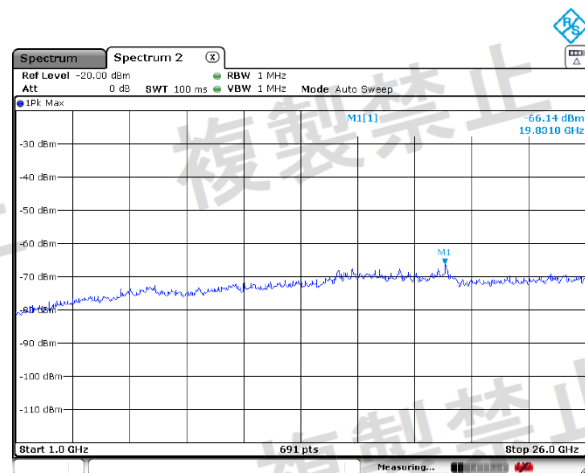
30 MHz ~ 1 GHz



1 GHz ~ 26 GHz



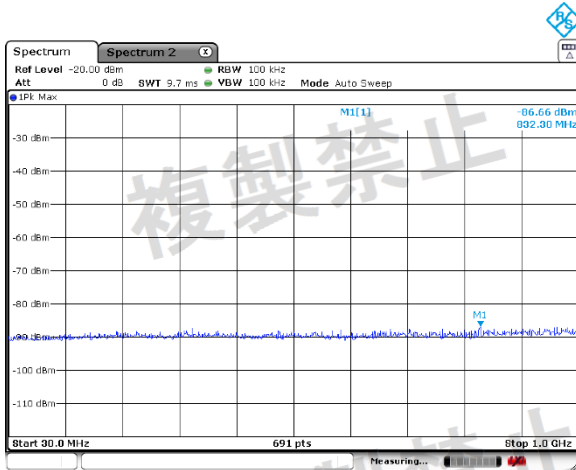
1 GHz ~ 26 GHz



802.11ax(HE20)

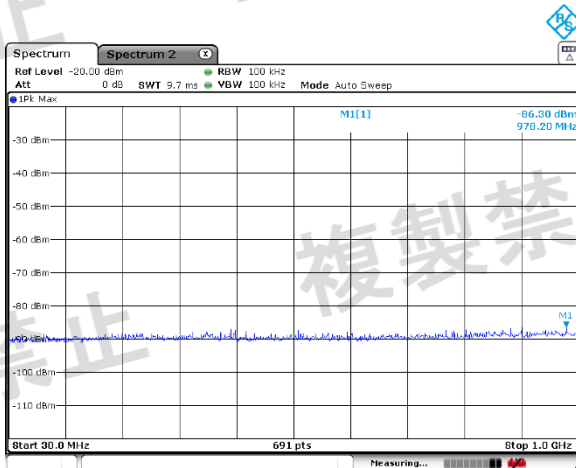
CH Low

30 MHz ~ 1 GHz



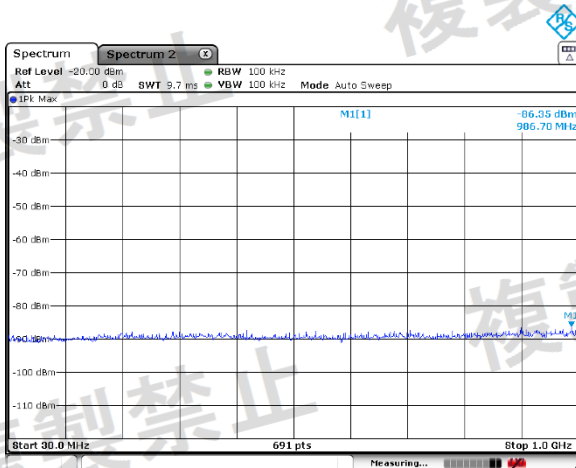
CH Mid

30 MHz ~ 1 GHz

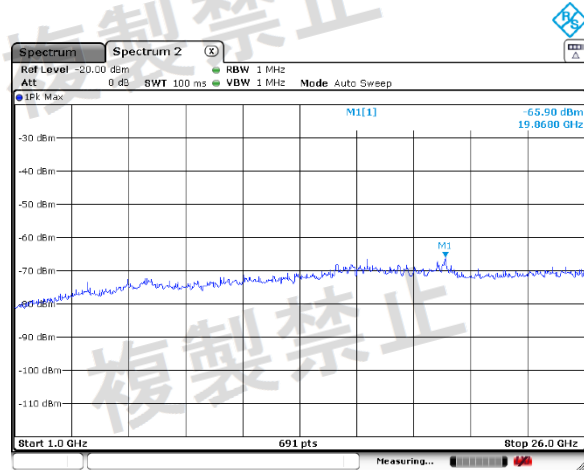


CH High

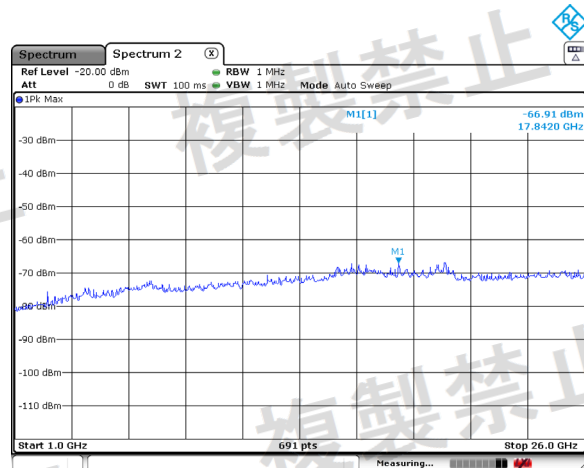
30 MHz ~ 1 GHz



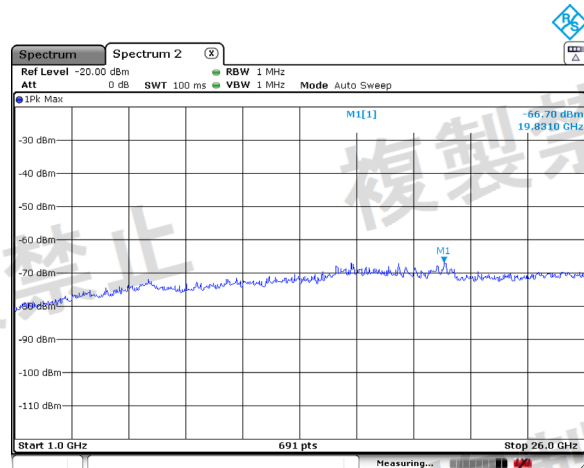
1 GHz ~ 26 GHz



1 GHz ~ 26 GHz



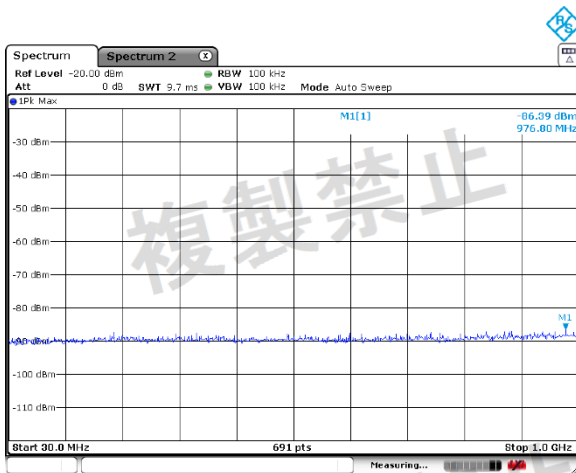
1 GHz ~ 26 GHz



802.11ax(HE40)

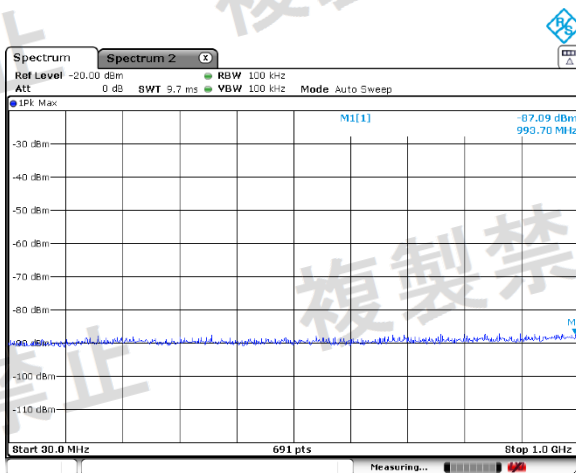
CH Low

30 MHz ~ 1 GHz

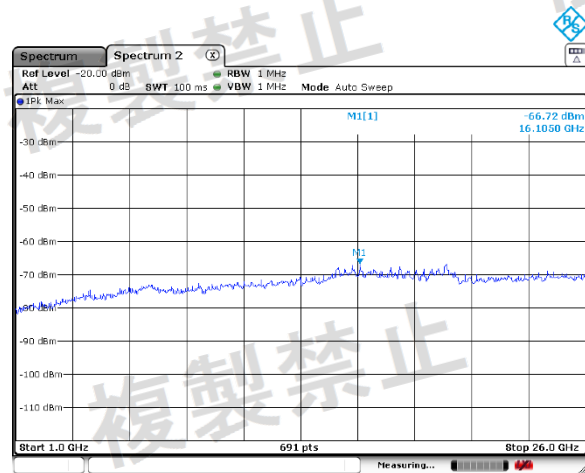


CH High

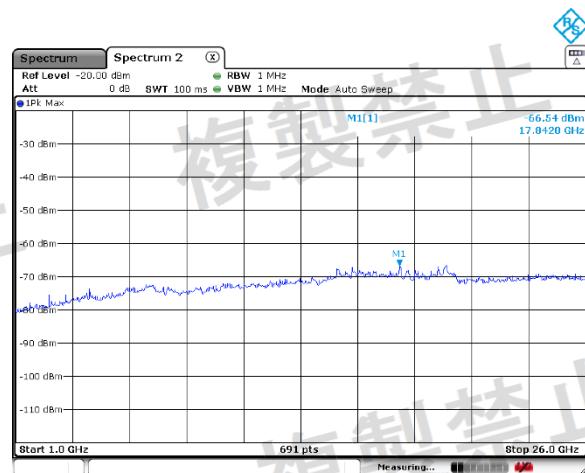
30 MHz ~ 1 GHz



1 GHz ~ 26 GHz



1 GHz ~ 26 GHz

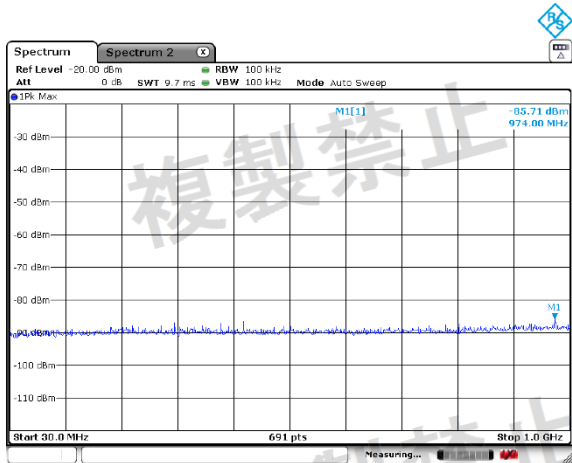


■ W56

■ 802.11a

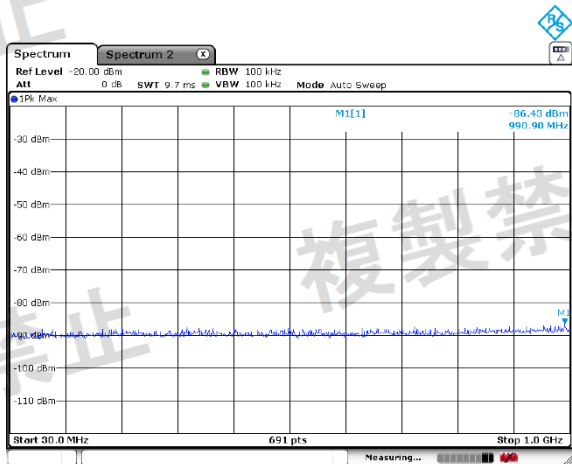
CH Low

30 MHz ~ 1 GHz



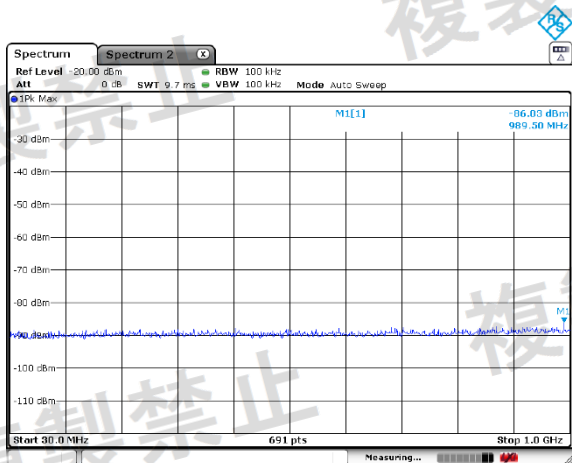
CH Mid

30 MHz ~ 1 GHz

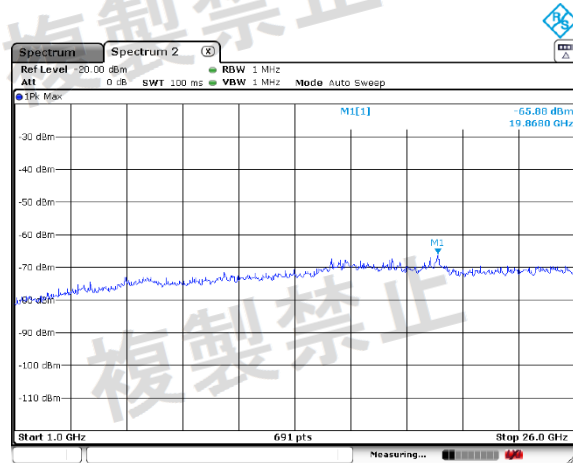


CH High

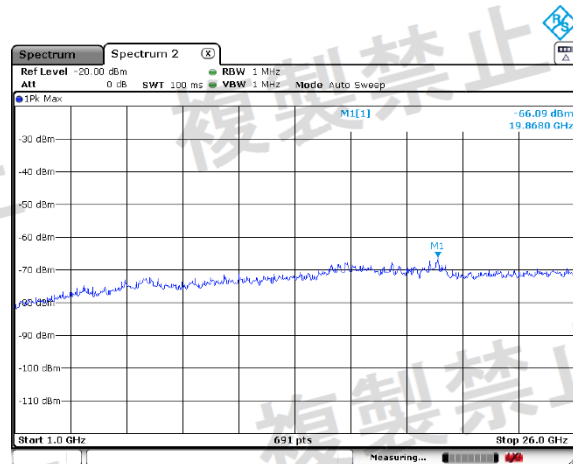
30 MHz ~ 1 GHz



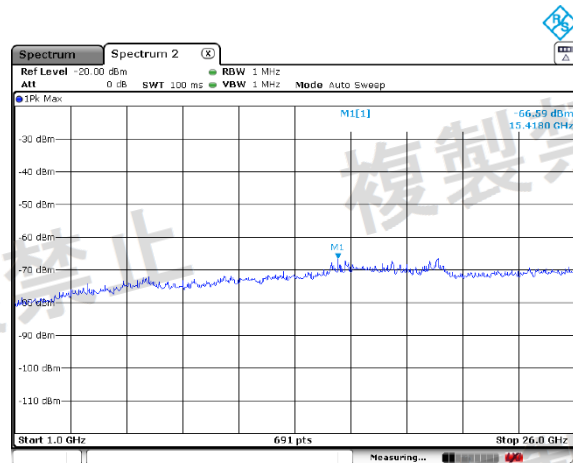
1 GHz ~ 26 GHz



1 GHz ~ 26 GHz



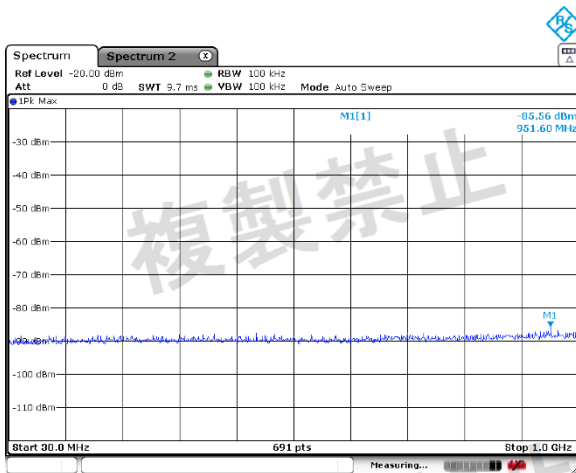
1 GHz ~ 26 GHz



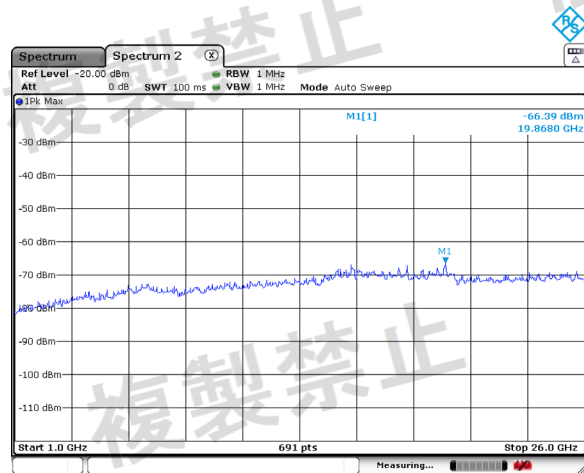
■802.11n(HT20)

CH Low

30 MHz ~ 1 GHz

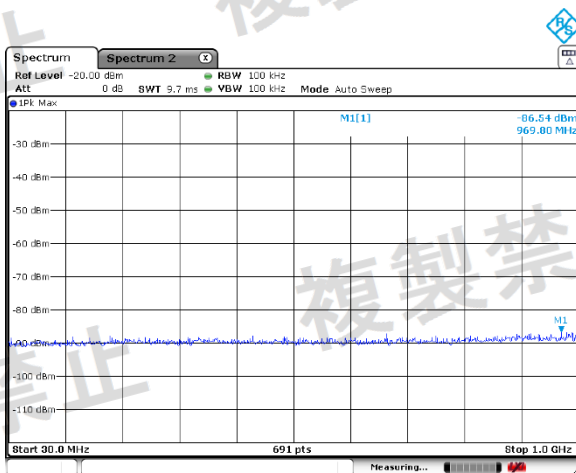


1 GHz ~ 26 GHz

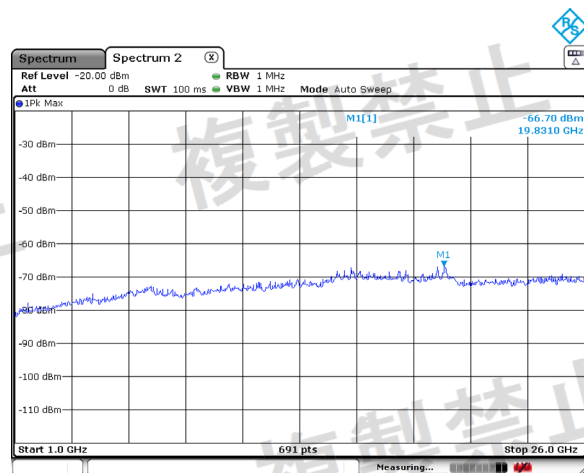


CH Mid

30 MHz ~ 1 GHz

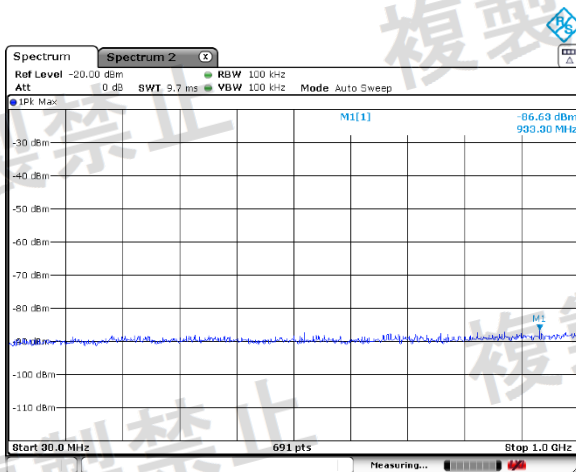


1 GHz ~ 26 GHz

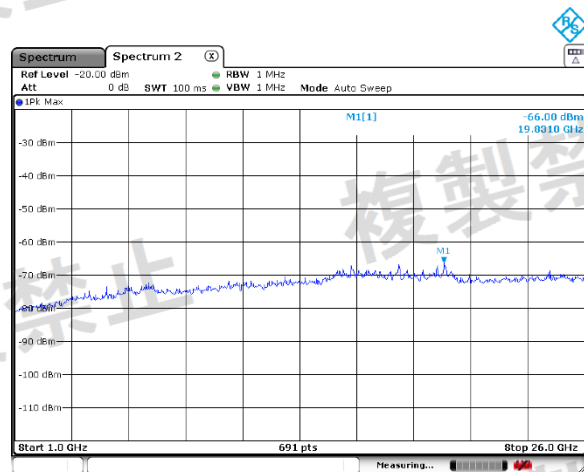


CH High

30 MHz ~ 1 GHz



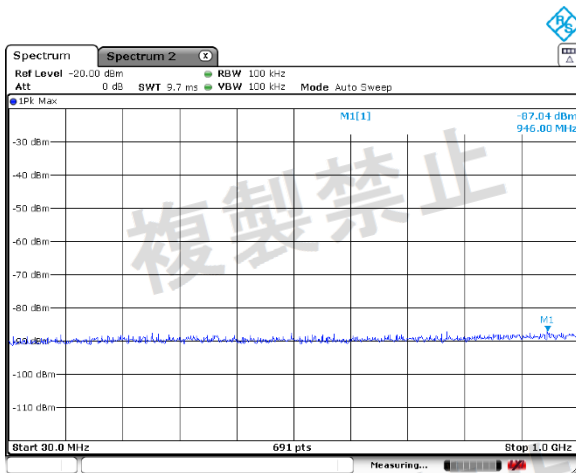
1 GHz ~ 26 GHz



■802.11n(HT40)

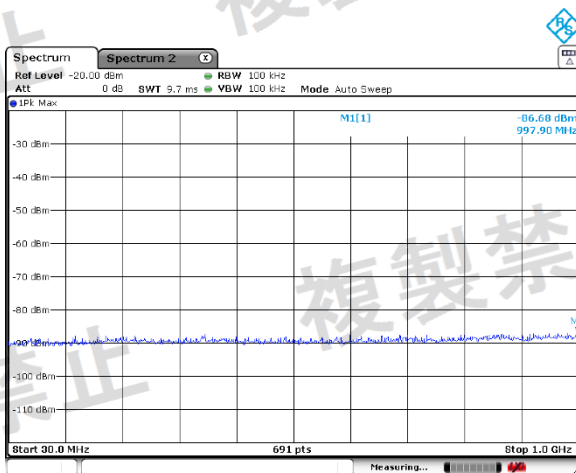
CH Low

30 MHz ~ 1 GHz



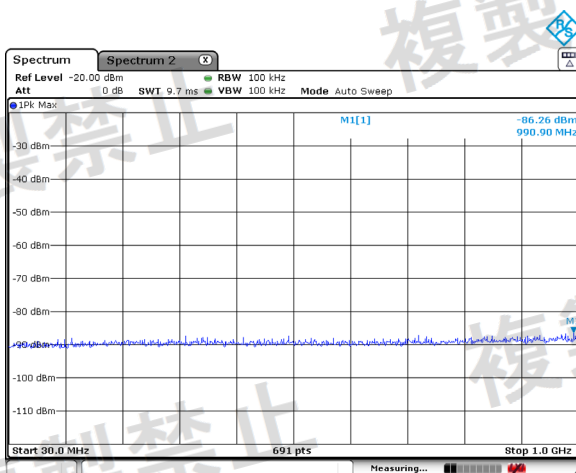
CH Mid

30 MHz ~ 1 GHz

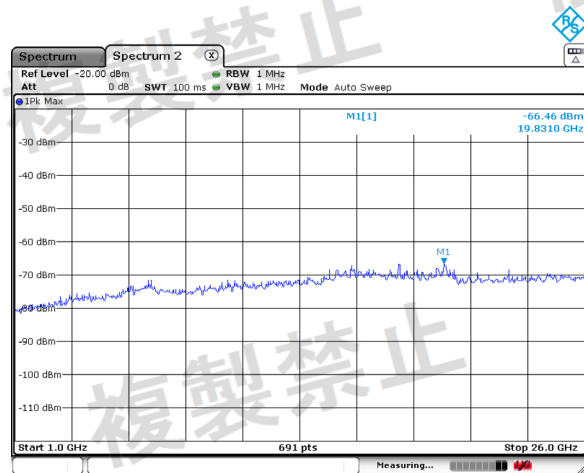


CH High

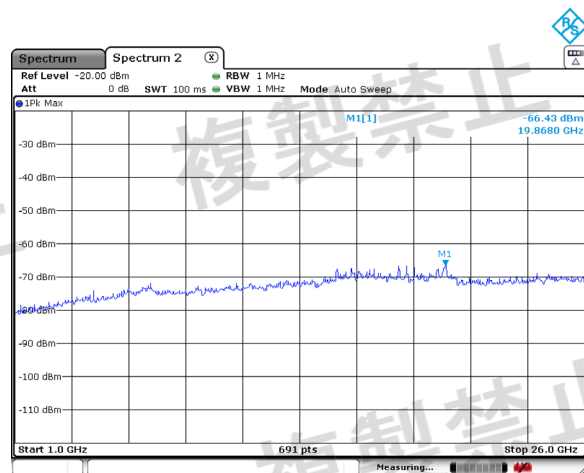
30 MHz ~ 1 GHz



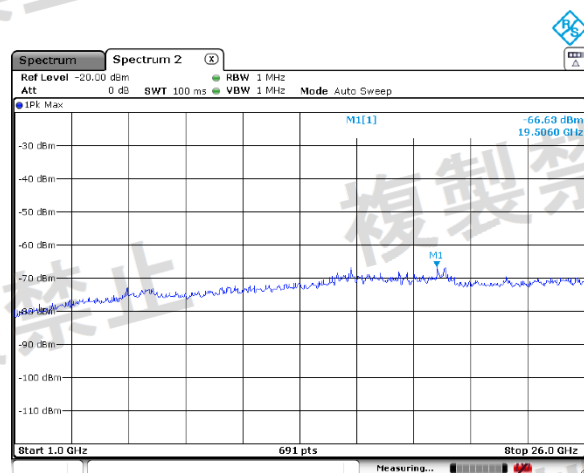
1 GHz ~ 26 GHz



1 GHz ~ 26 GHz



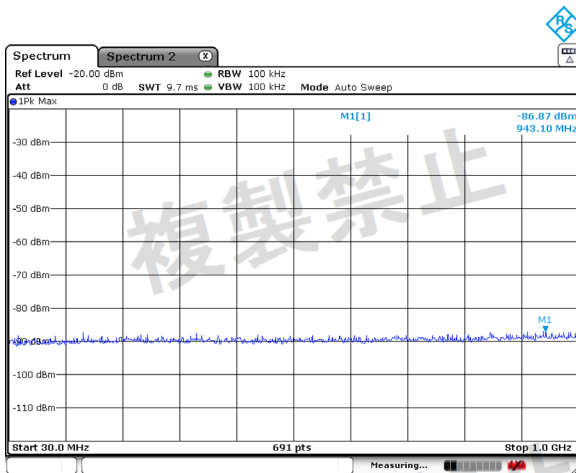
1 GHz ~ 26 GHz



■ 802.11ac(VHT20)

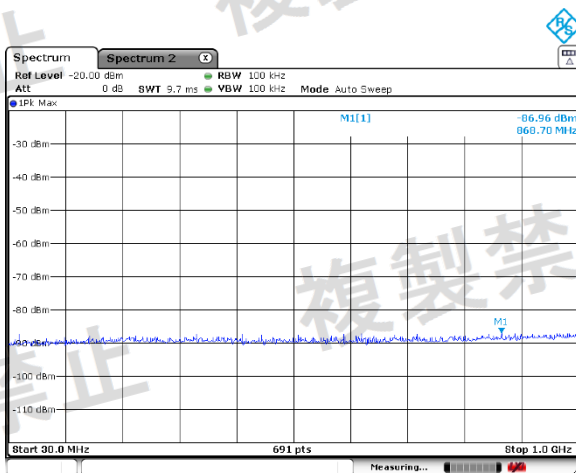
CH Low

30 MHz ~ 1 GHz



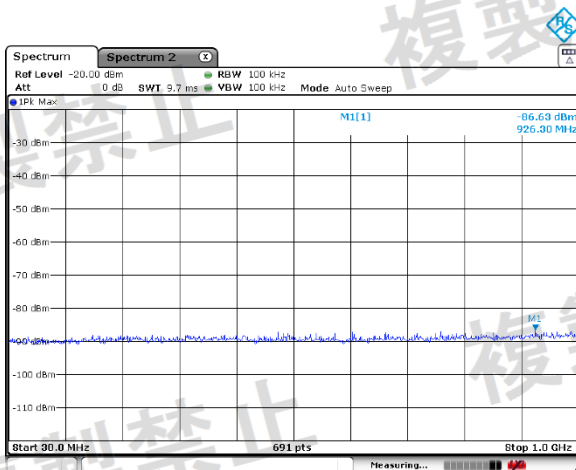
CH Mid

30 MHz ~ 1 GHz

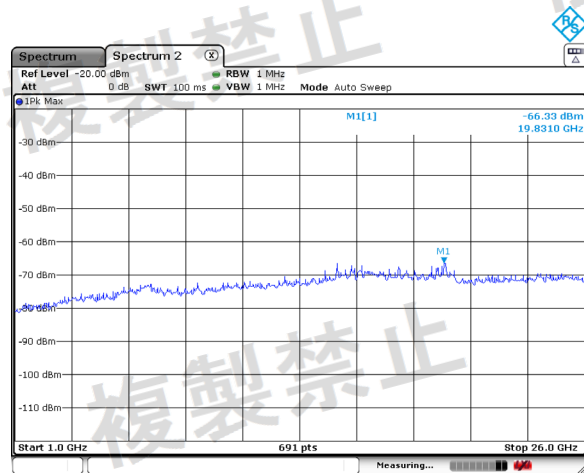


CH High

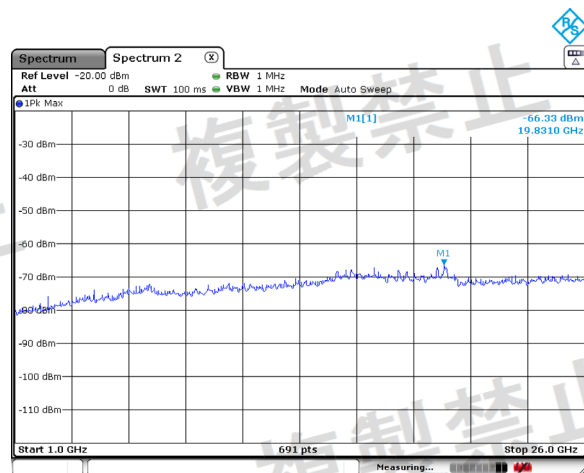
30 MHz ~ 1 GHz



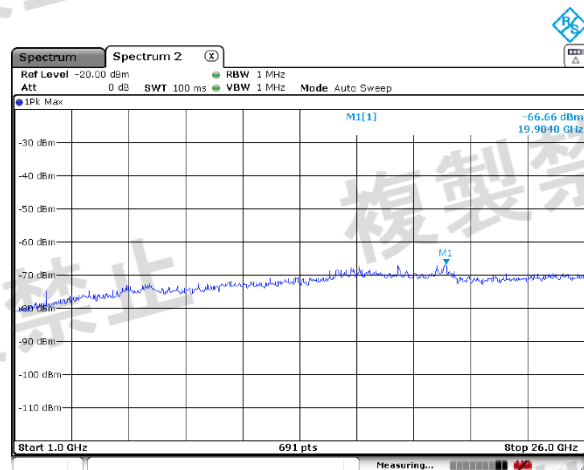
1 GHz ~ 26 GHz



1 GHz ~ 26 GHz



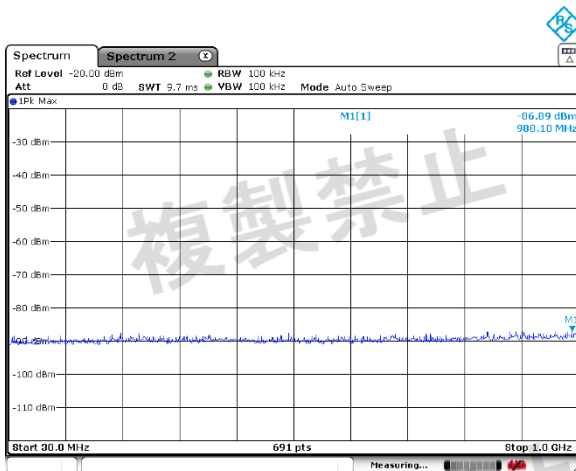
1 GHz ~ 26 GHz



■ 802.11ac(VHT40)

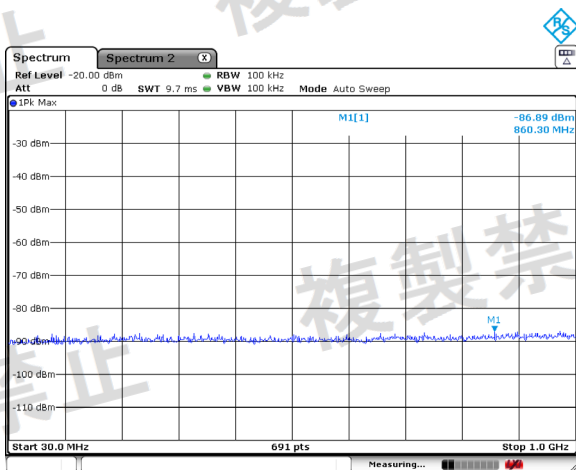
CH Low

30 MHz ~ 1 GHz



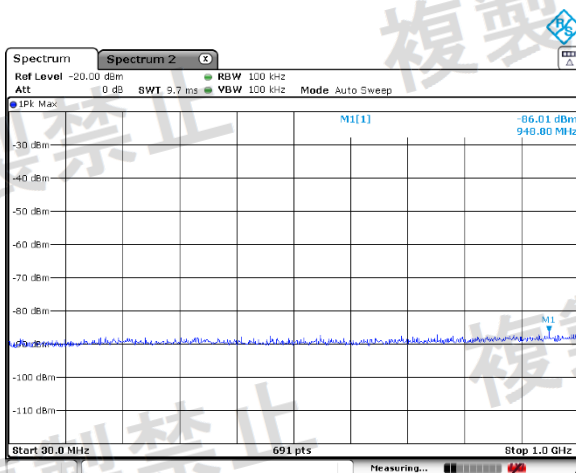
CH Mid

30 MHz ~ 1 GHz

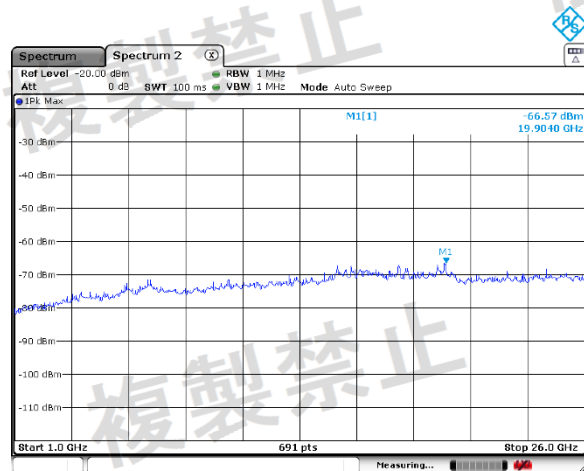


CH High

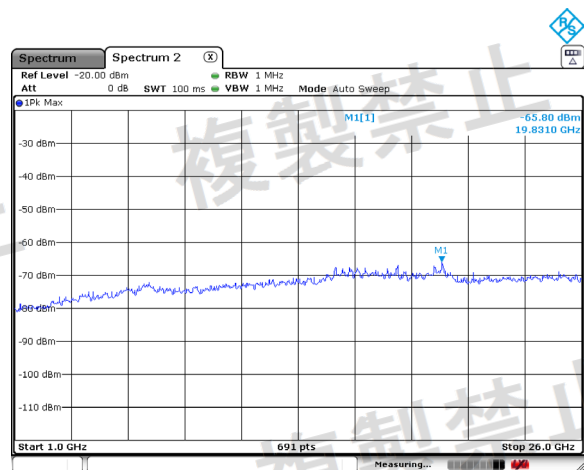
30 MHz ~ 1 GHz



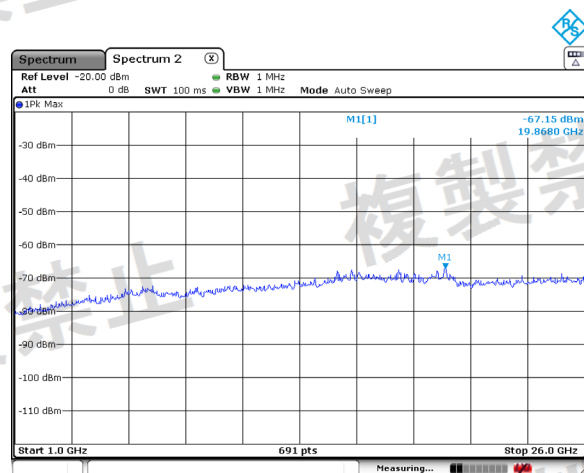
1 GHz ~ 26 GHz



1 GHz ~ 26 GHz



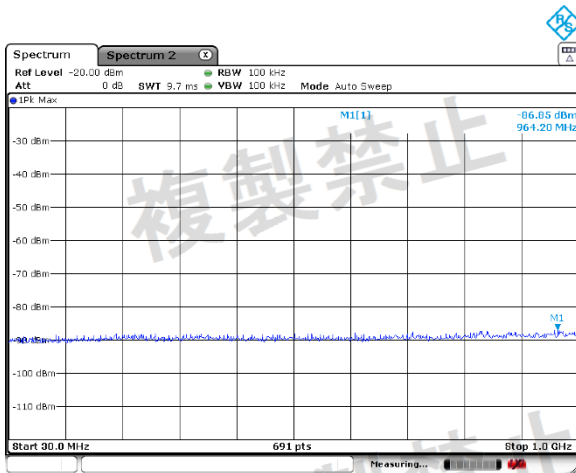
1 GHz ~ 26 GHz



■ 802.11ax(HE20)

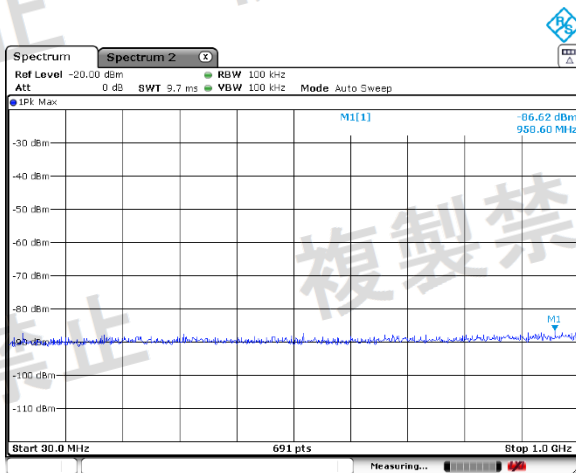
CH Low

30 MHz ~ 1 GHz



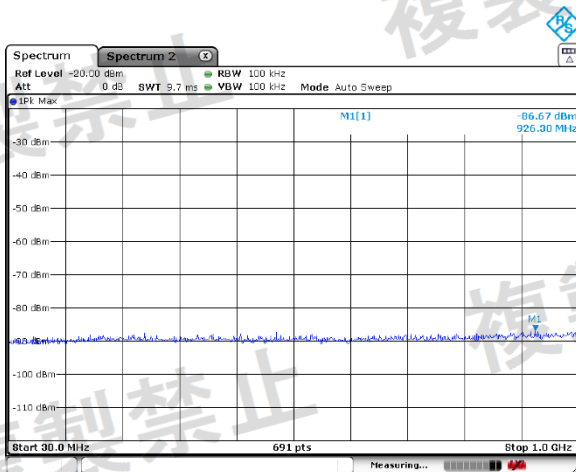
CH Mid

30 MHz ~ 1 GHz

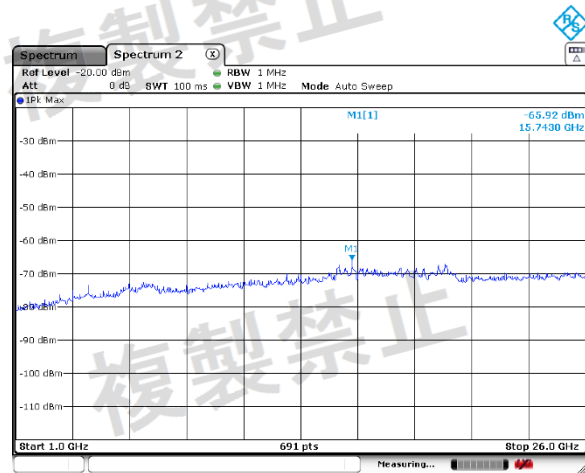


CH High

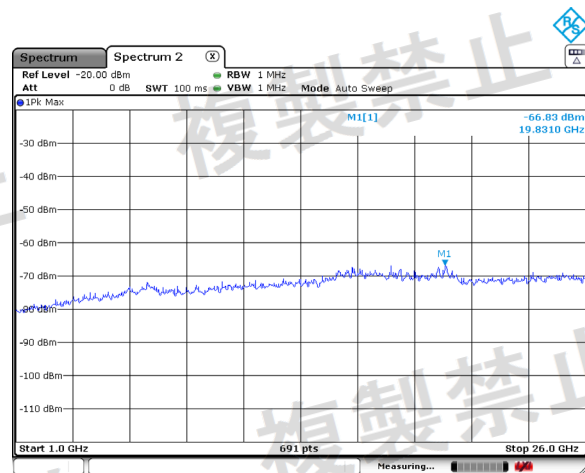
30 MHz ~ 1 GHz



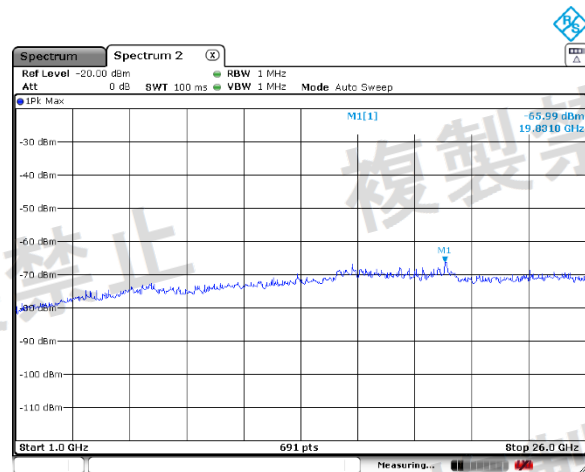
1 GHz ~ 26 GHz



1 GHz ~ 26 GHz



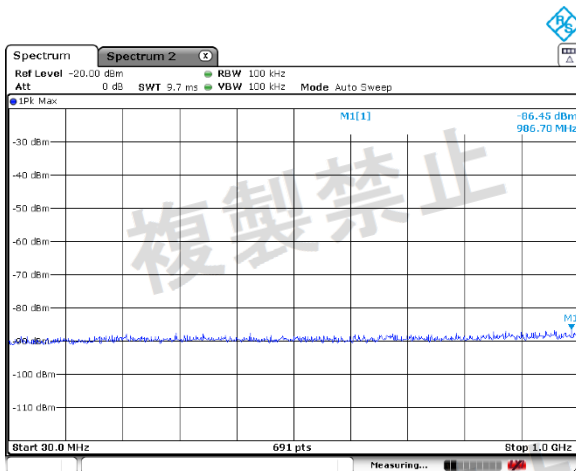
1 GHz ~ 26 GHz



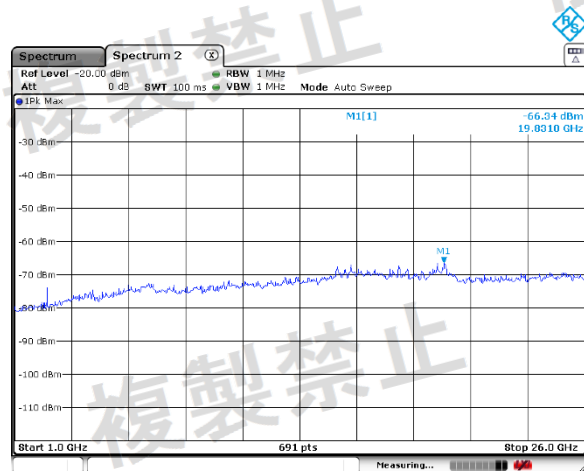
■ 802.11ax(HE40)

CH Low

30 MHz ~ 1 GHz

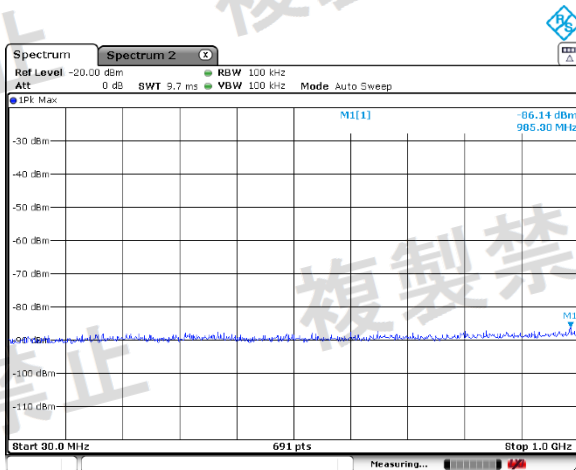


1 GHz ~ 26 GHz

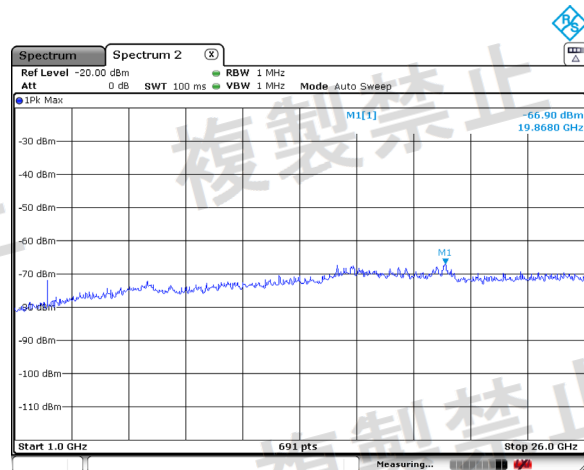


CH Mid

30 MHz ~ 1 GHz

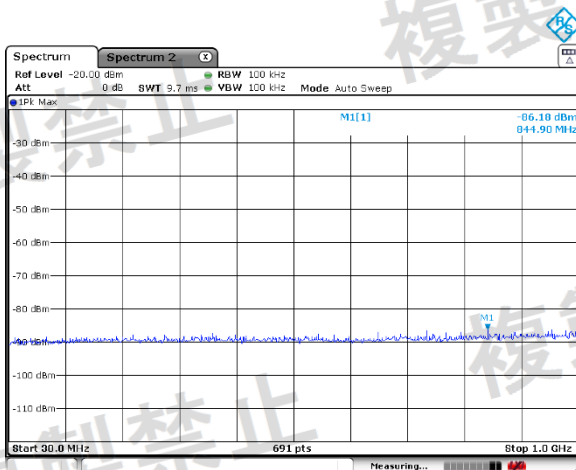


1 GHz ~ 26 GHz

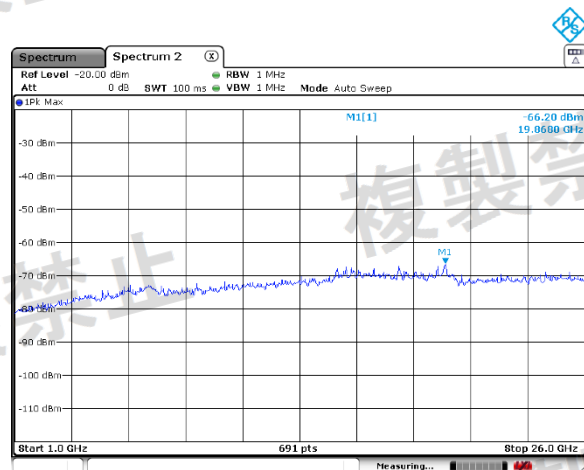


CH High

30 MHz ~ 1 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



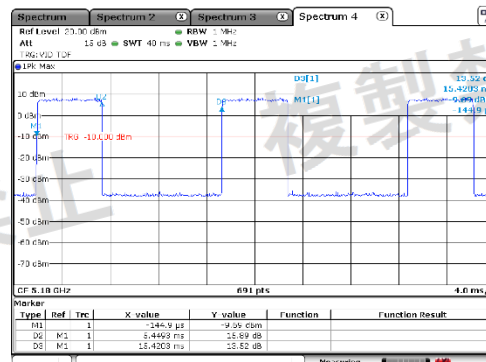
5.8.3 Test environment conditions

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

5.8.4 Test Plot

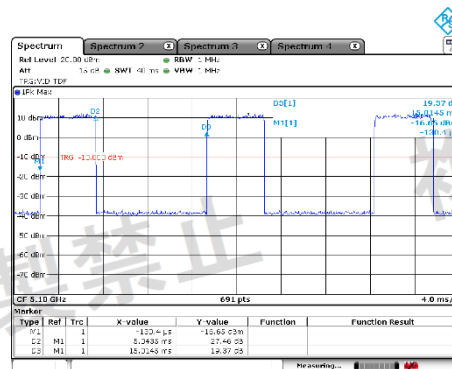
■ W52

▣ 802.11a



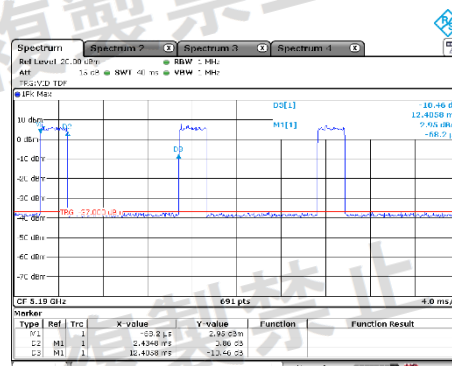
Measure value	Limit	Test results
[ms]	[ms]	
5.45	8	Compliance

▣ 802.11n(HT20)



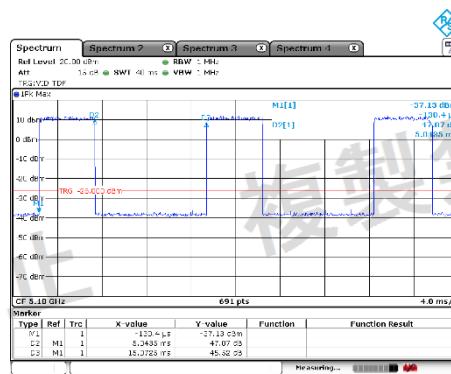
Measure value	Limit	Test results
[ms]	[ms]	
5.04	8	Compliance

▣ 802.11n(HT40)



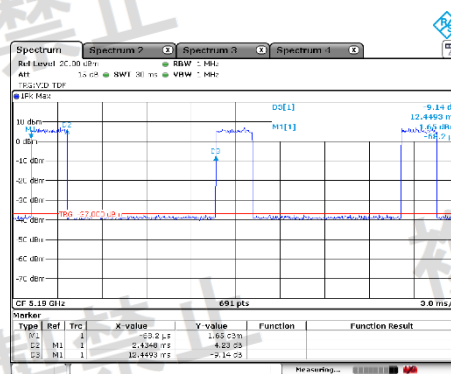
Measure value	Limit	Test results
[ms]	[ms]	
2.43	8	Compliance

802.11ac(VHT20)



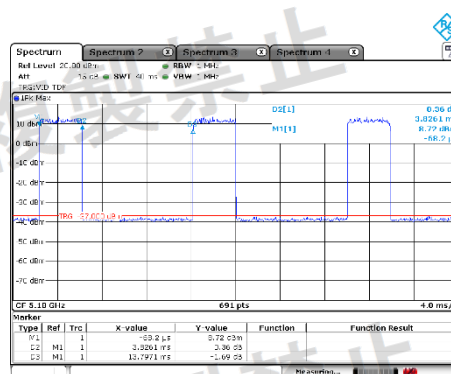
Measure value	Limit	Test results
[ms]	[ms]	
5.04	8	Compliance

802.11ac(VHT40)



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

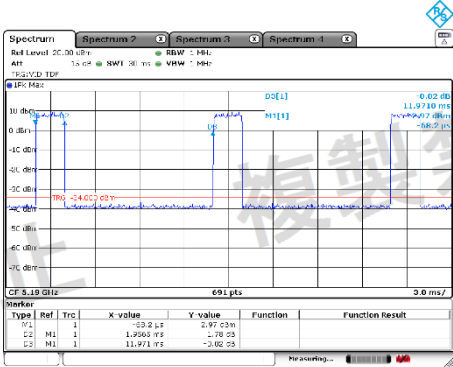
802.11ax(HE20)



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

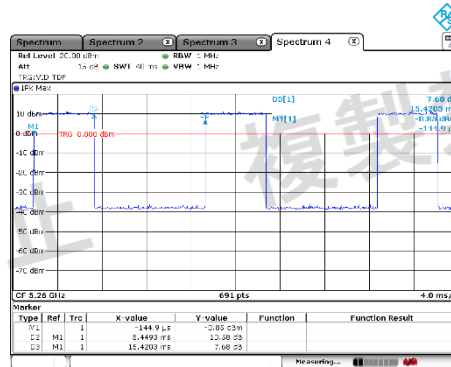


802.11ax(HE40)



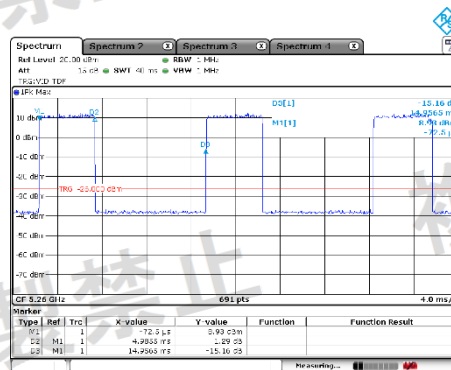
Measure value	Limit	Test results
[ms]	[ms]	
1.96	8	Compliance

■W53
□802.11a



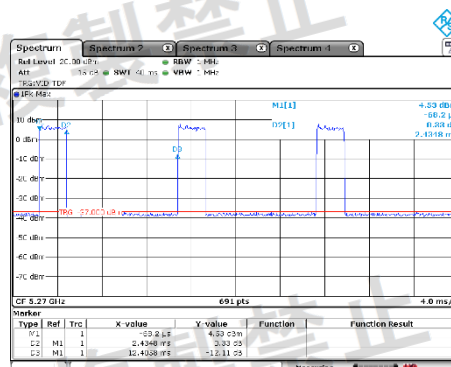
Measure value	Limit	Test results
[ms]	[ms]	
5.45	8	Compliance

□802.11n(HT20)



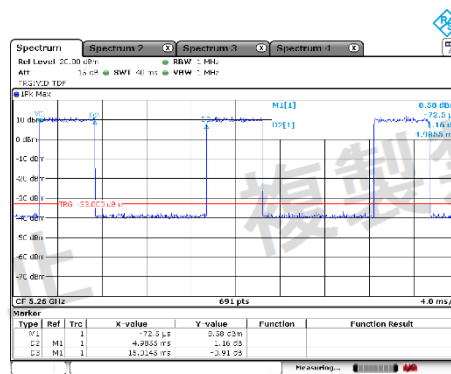
Measure value	Limit	Test results
[ms]	[ms]	
4.99	8	Compliance

□802.11n(HT40)



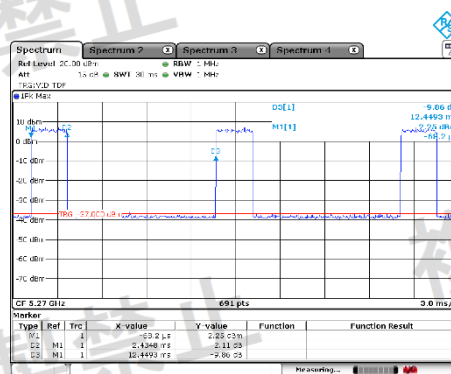
Measure value	Limit	Test results
[ms]	[ms]	
2.43	8	Compliance

802.11ac(VHT20)



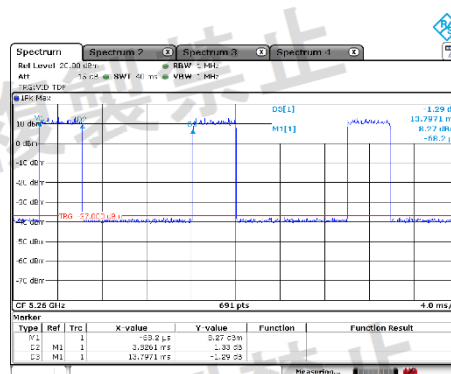
Measure value	Limit	Test results
[ms]	[ms]	
4.99	8	Compliance

802.11ac(VHT40)



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

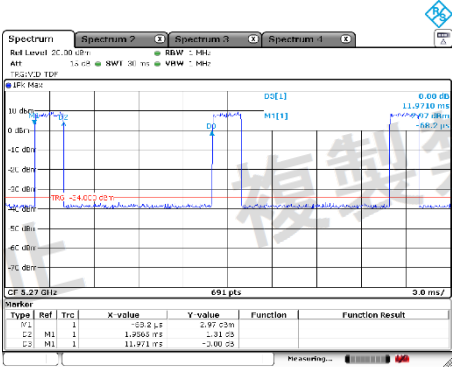
802.11ax(HE20)



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



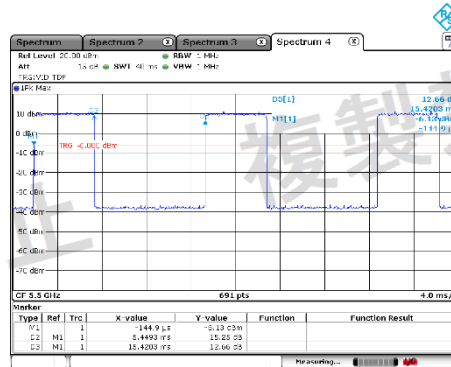
802.11ax(HE40)



Measure value	Limit	Test results
[ms]	[ms]	
1.96	8	Compliance

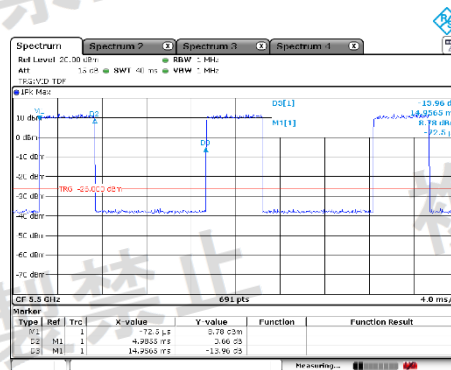
■W56

▣802.11a



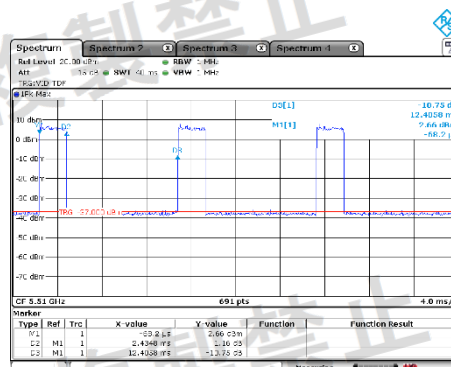
Measure value	Limit	Test results
[ms]	[ms]	
5.45	8	Compliance

▣802.11n(HT20)



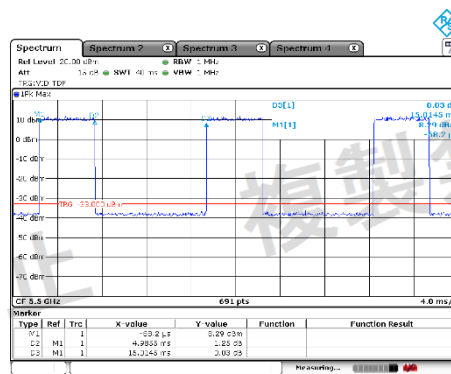
Measure value	Limit	Test results
[ms]	[ms]	
4.99	8	Compliance

▣802.11n(HT40)



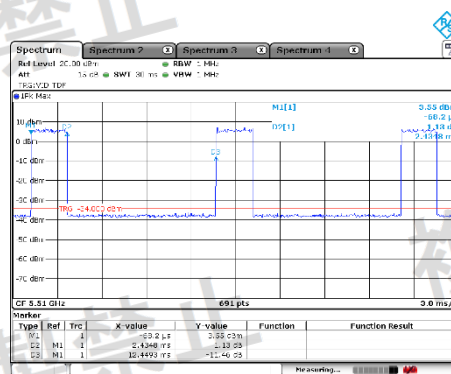
Measure value	Limit	Test results
[ms]	[ms]	
2.43	8	Compliance

802.11ac(VHT20)



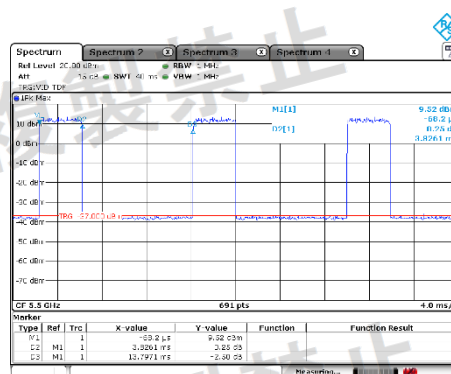
Measure value	Limit	Test results
[ms]	[ms]	
4.99	8	Compliance

802.11ac(VHT40)



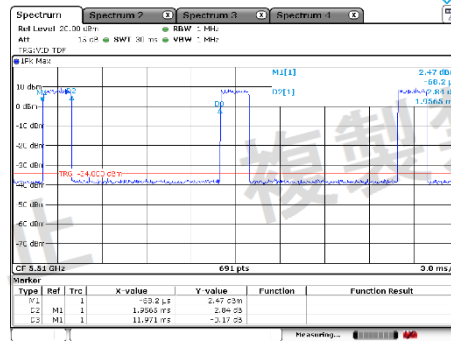
Measure value	Limit	Test results
[ms]	[ms]	
2.43	8	Compliance

802.11ax(HE20)



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

802.11ax(HE40)



Measure value	Limit	Test results
[ms]	[ms]	
1.96	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

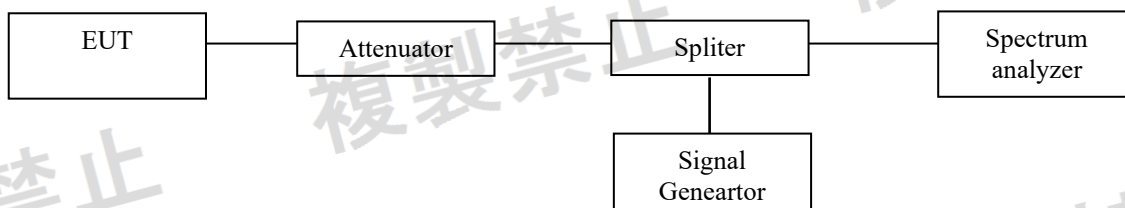
Turn off the RF signal of the S/G.

EUT have transmitted the maximum modulation signal and fixed channelize.

S/G RF signal on.

EUT shall 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

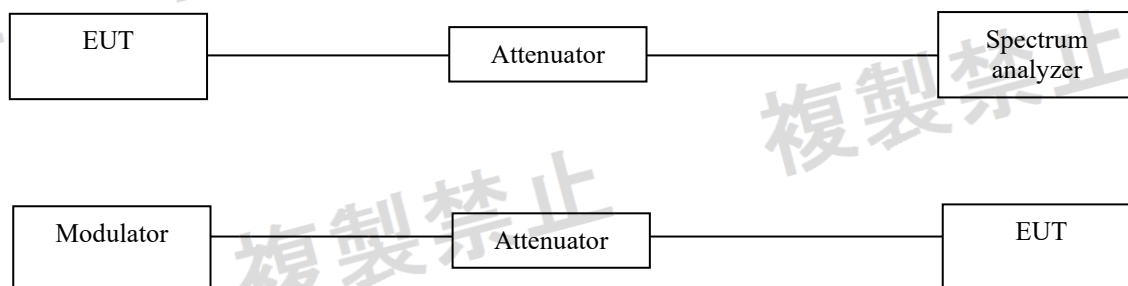
In the case that the EUT has the function of automatically transmitting the identification code:

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 initiation and cessation of all radio waves emitted by the EUT are entirely governed by the Master station's beacon and control signals. Upon the Master station identifying a radar signal and issuing a channel shutdown command, the EUT immediately terminates transmission within the legal timeframe (Channel Move Time / Channel Closing Transmission Time).

5.11.2 Test result

PASS (Complied by statement of conformity)

5.12 Construction 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.	☒