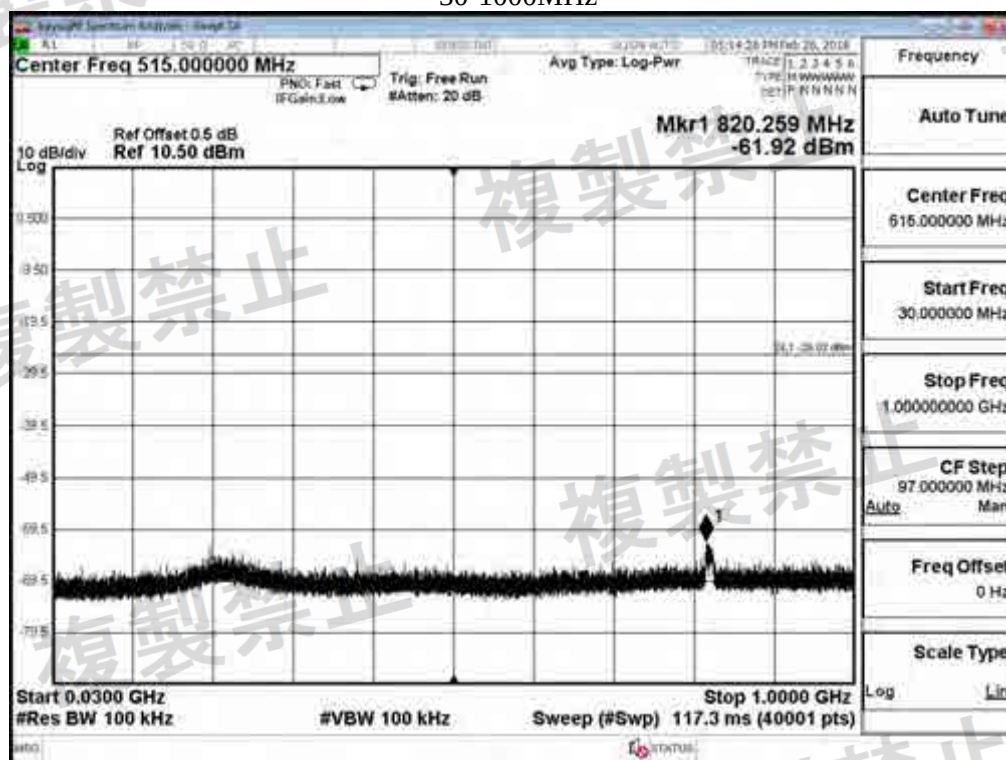
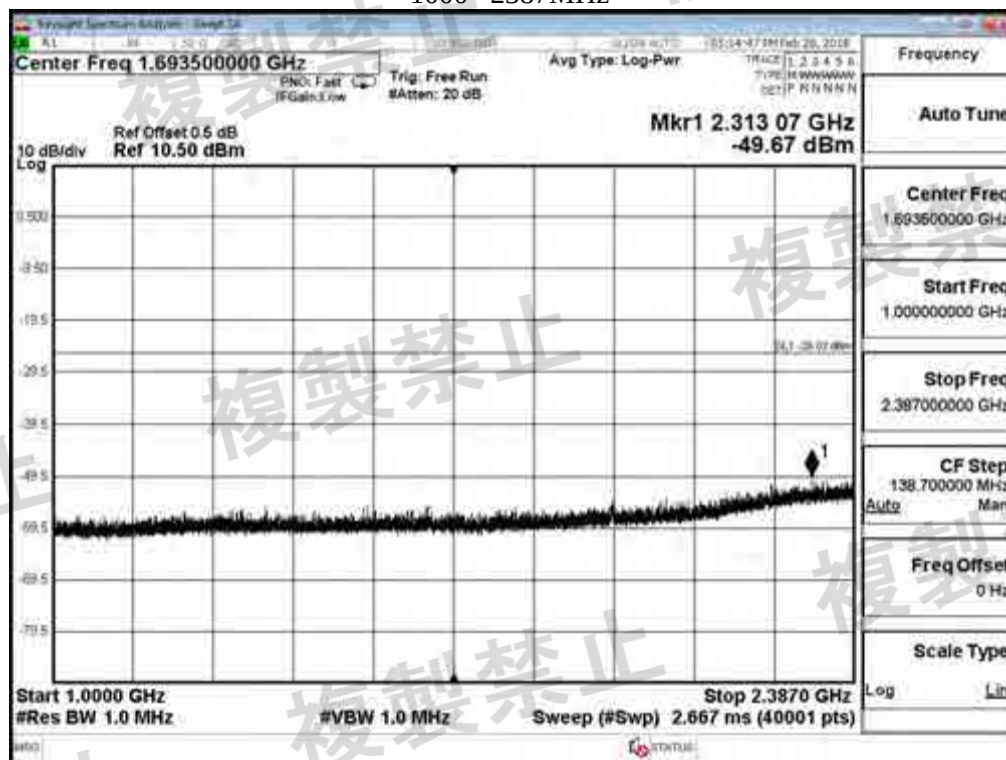


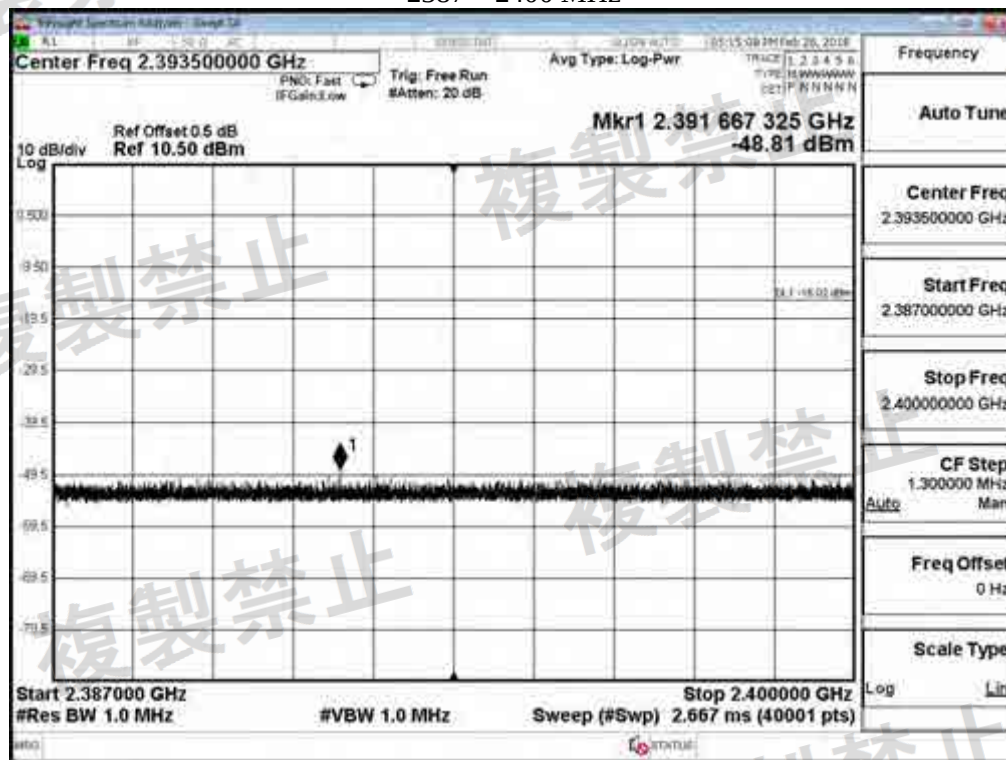
30-1000MHz



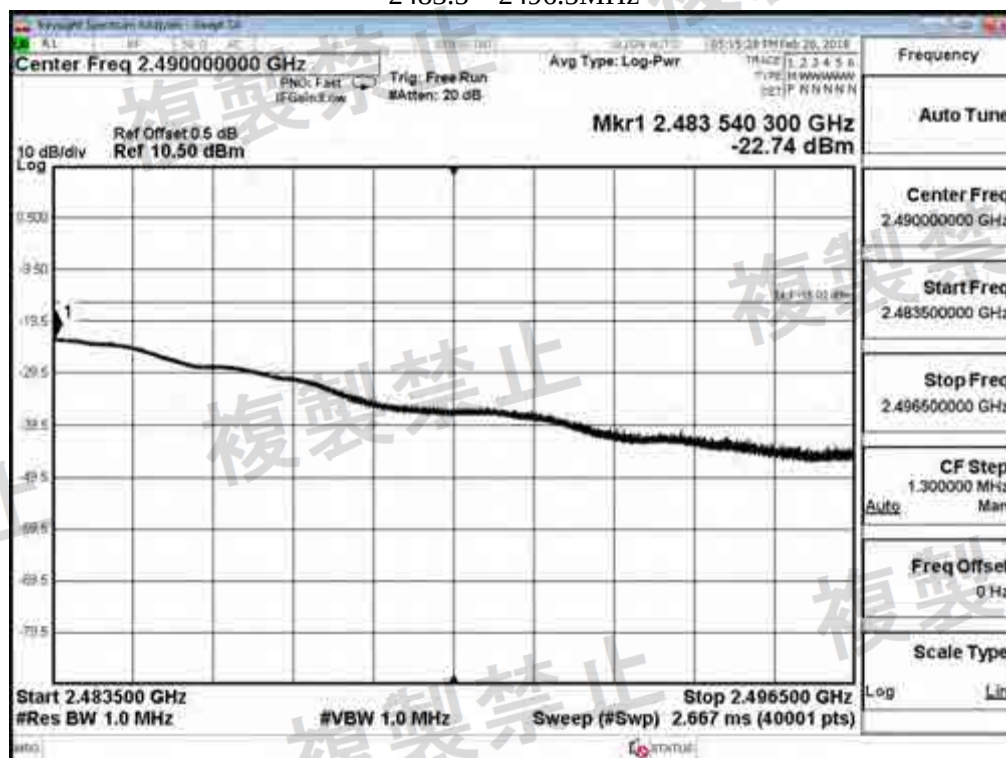
1000- 2387MHz



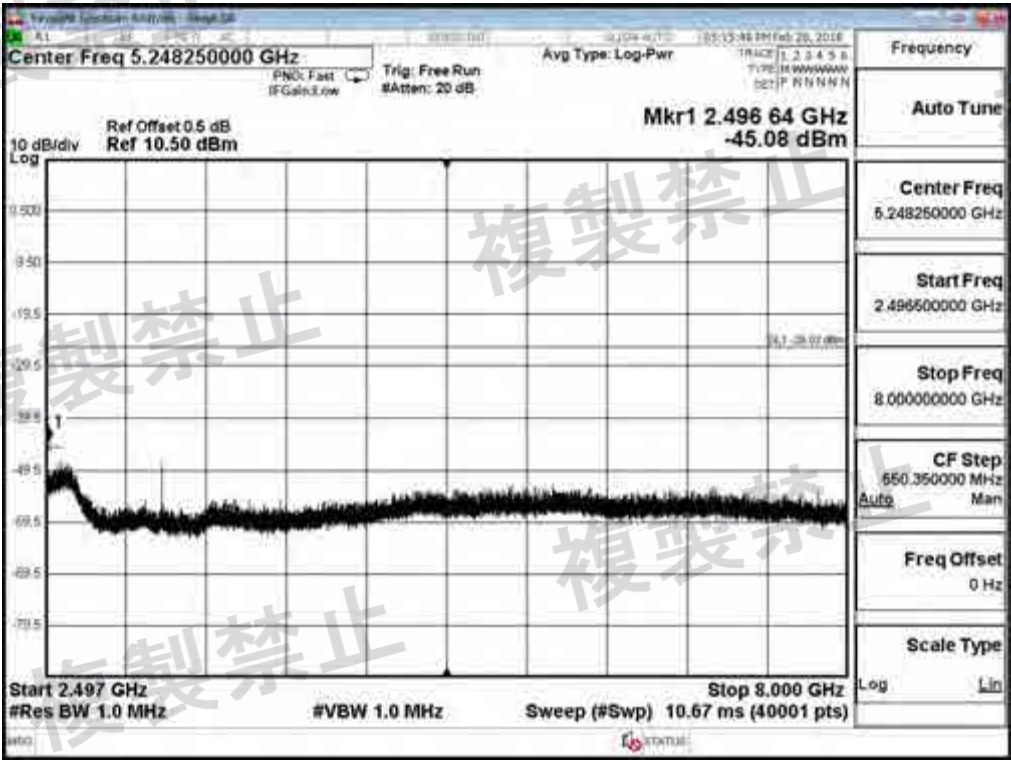
2387 – 2400 MHz



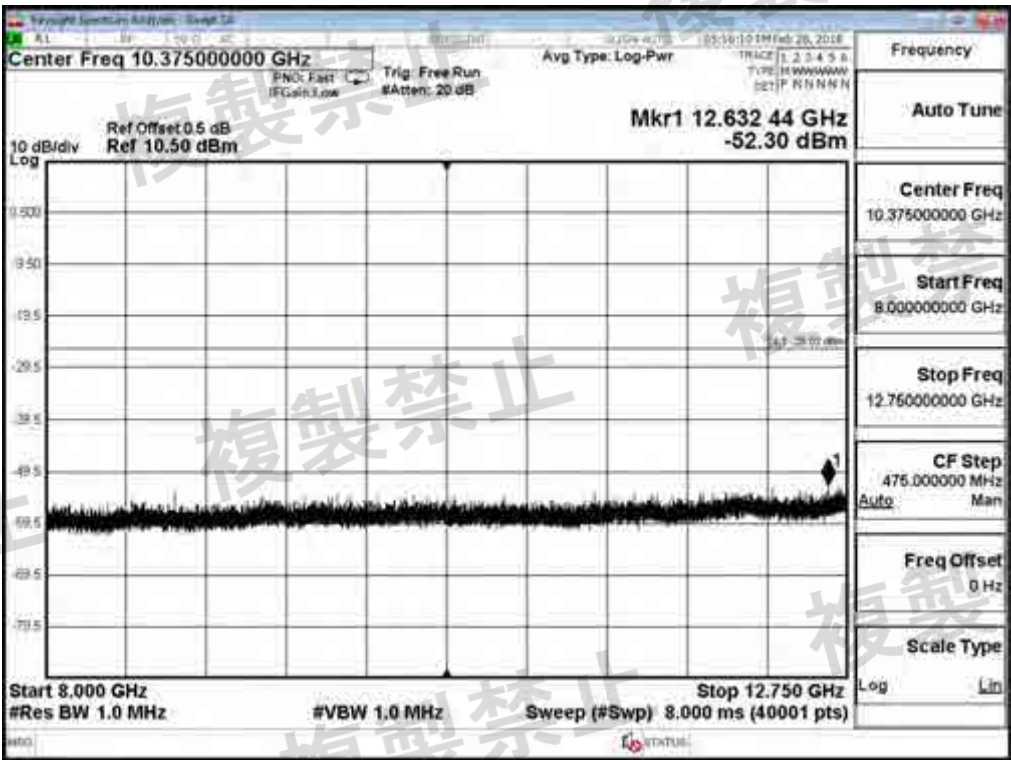
2483.5 – 2496.5 MHz



2497 – 8000MHz



8000 – 12750MHz



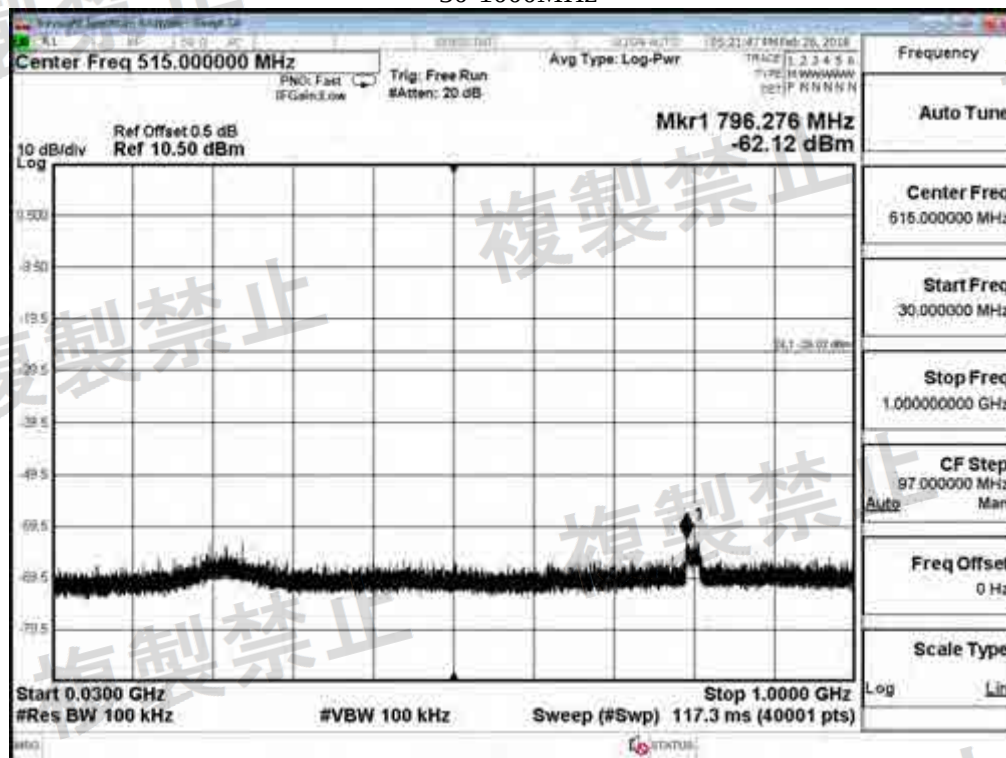
Test Result

PASS

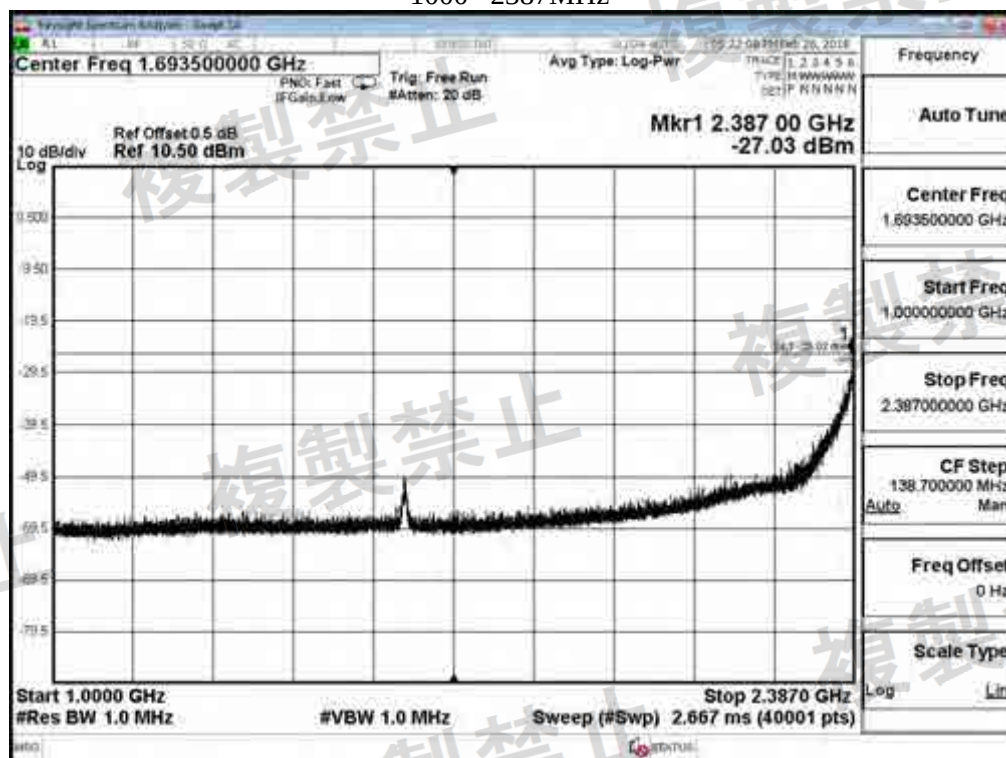
Product : Gateway
Test Item : Transmitter Spurious Emissions
Test Mode : Mode 1: Transmitter (802.11g 6Mbps)_3.63V- 2412MHz

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-62.12	-26 (2.5uW)
1000 – 2387	-27.03	-26 (2.5uW)
2387 – 2400	-25.03	-16 (25uW)
2483.5 – 2496.5	-35.39	-16 (25uW)
2497 – 8000	-38.35	-26 (2.5uW)
8000 – 12750	-51.93	-26 (2.5uW)

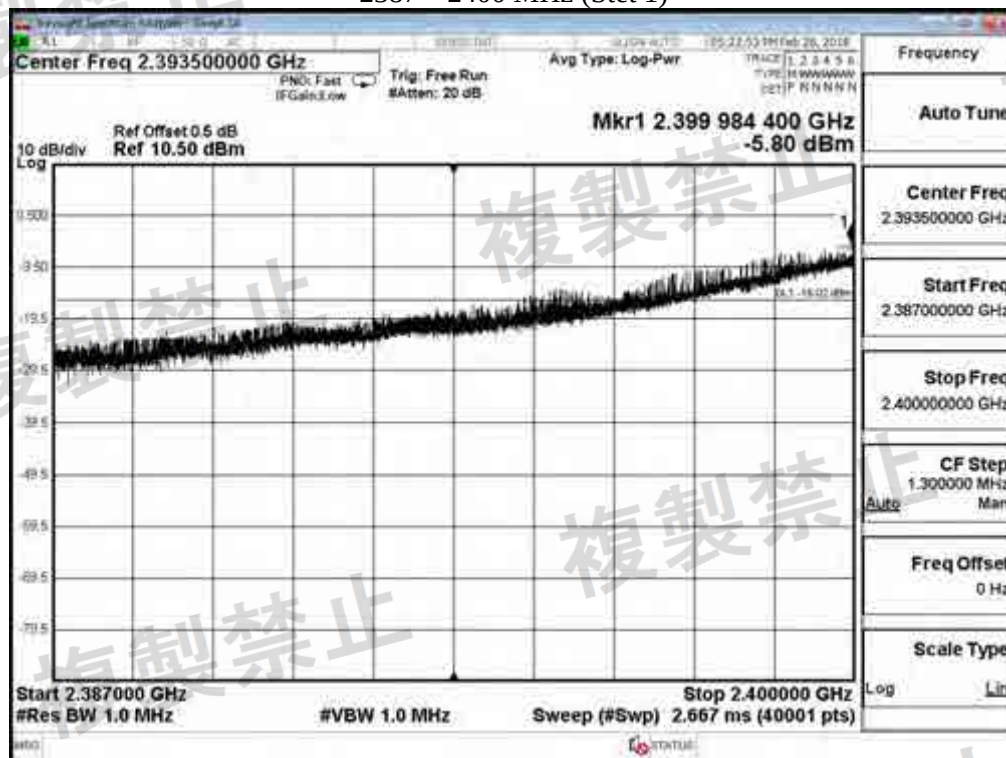
30-1000MHz



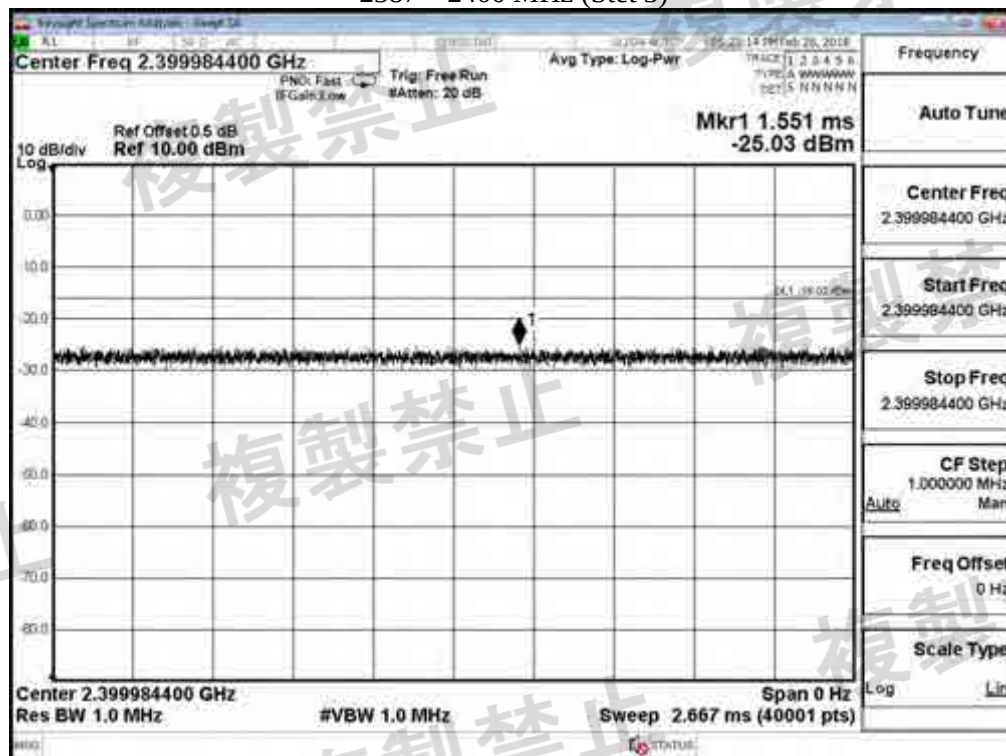
1000– 2387MHz



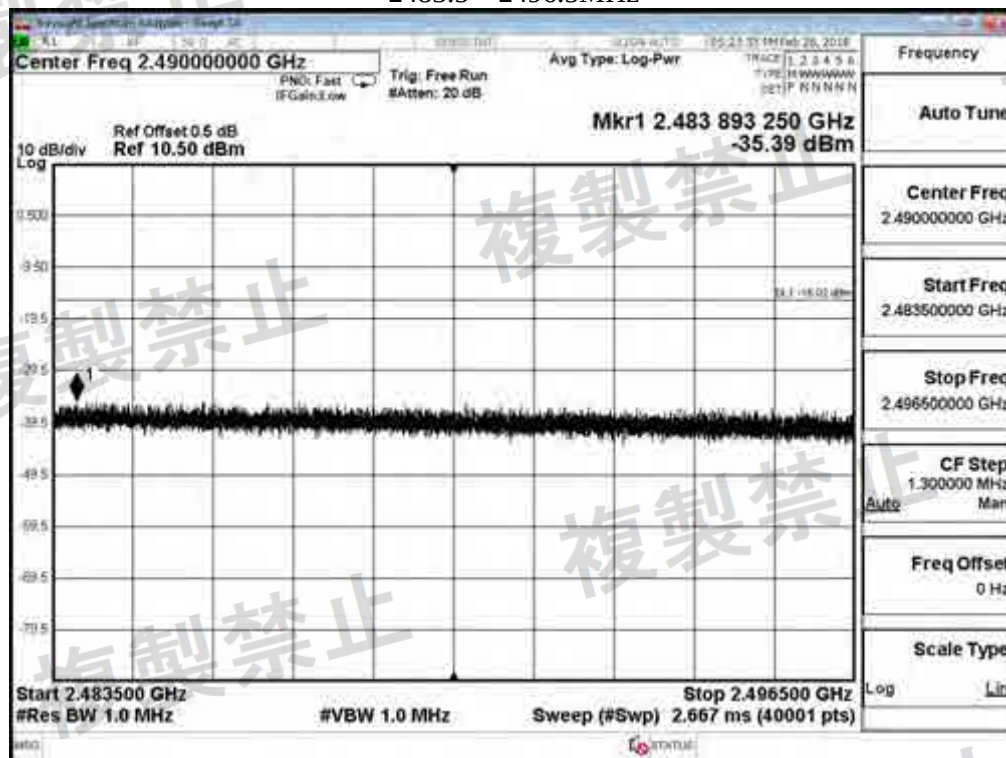
2387 – 2400 MHz (Stet 1)



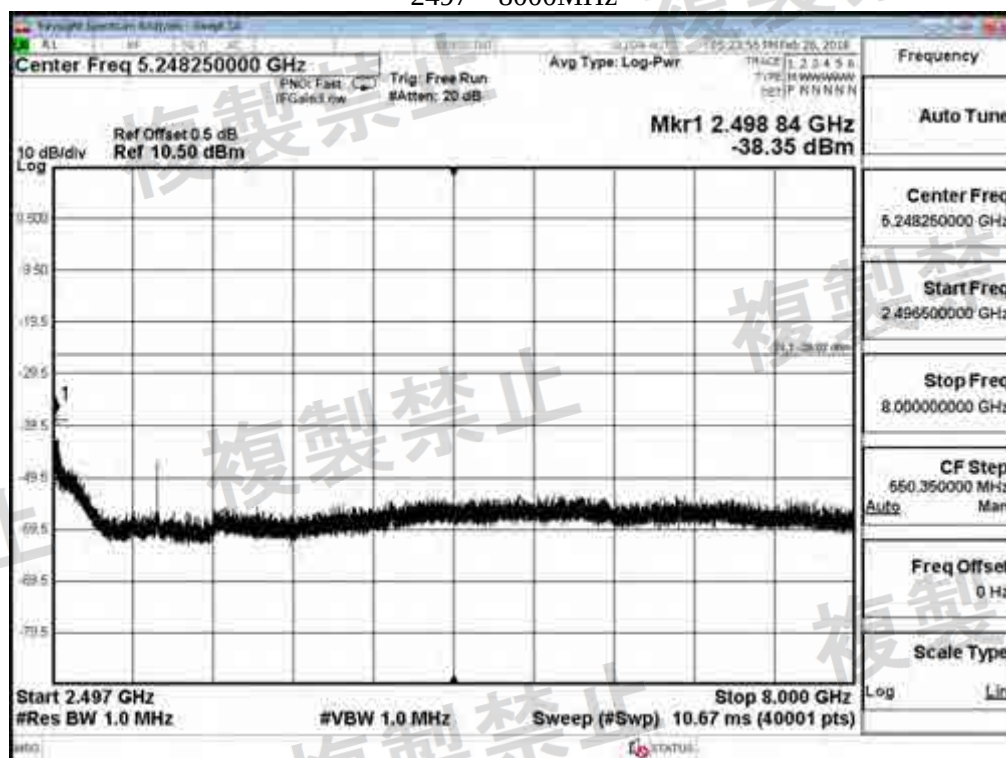
2387 – 2400 MHz (Stet 3)



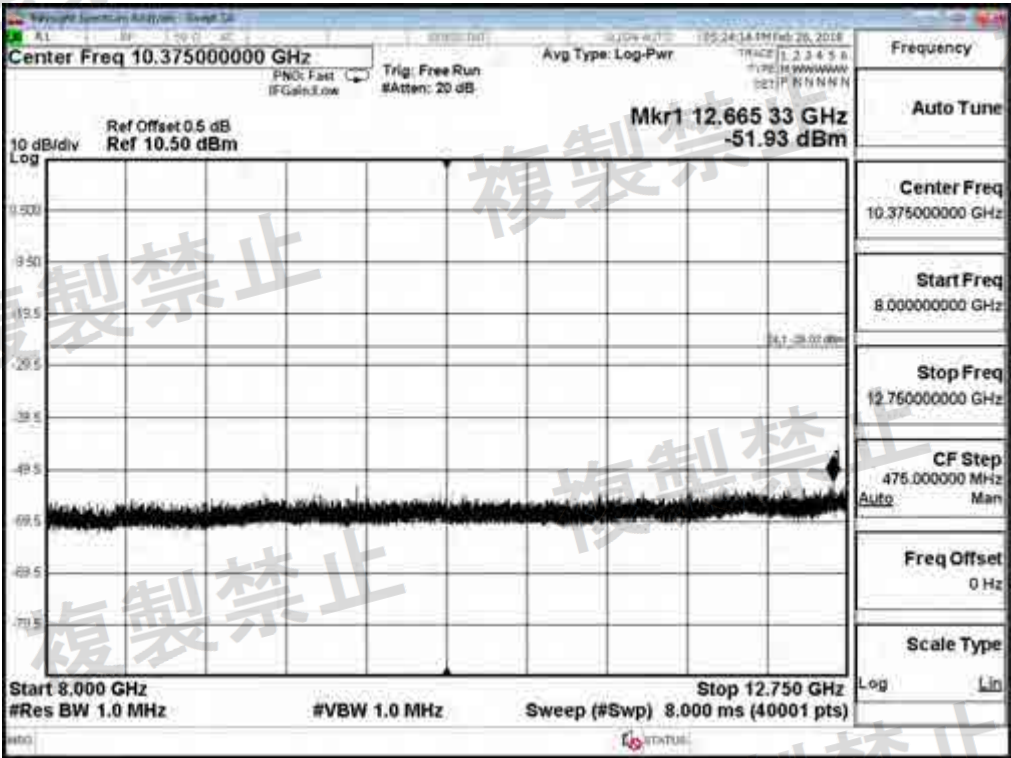
2483.5 – 2496.5MHz



2497 – 8000MHz



8000 – 12750MHz

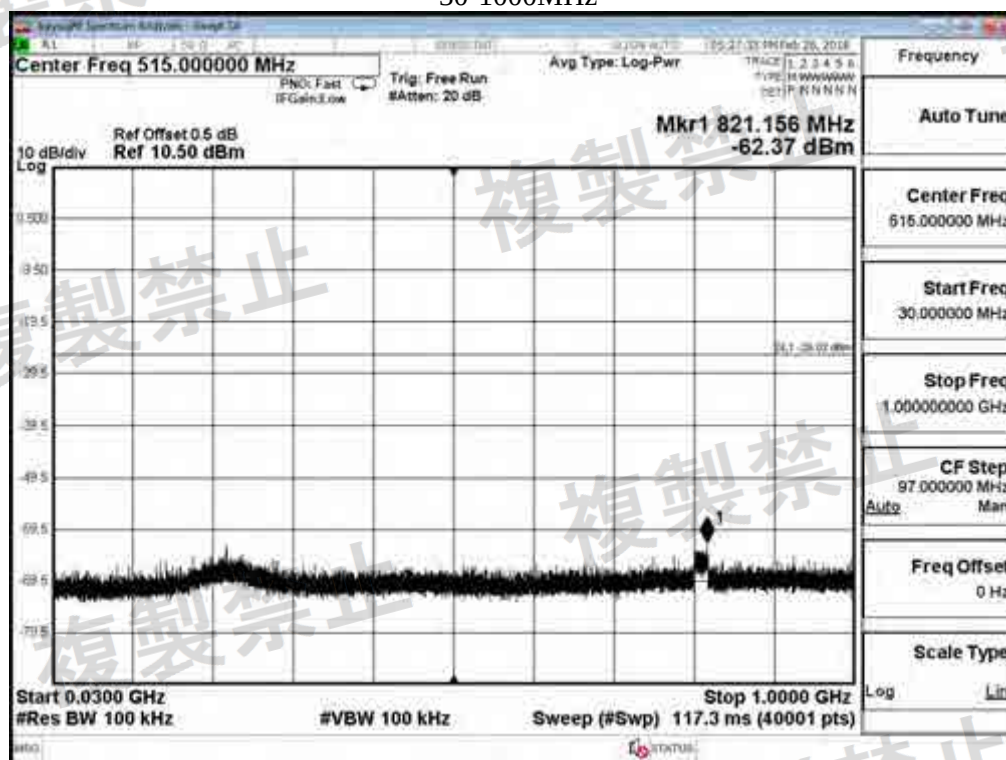


Test Result	PASS
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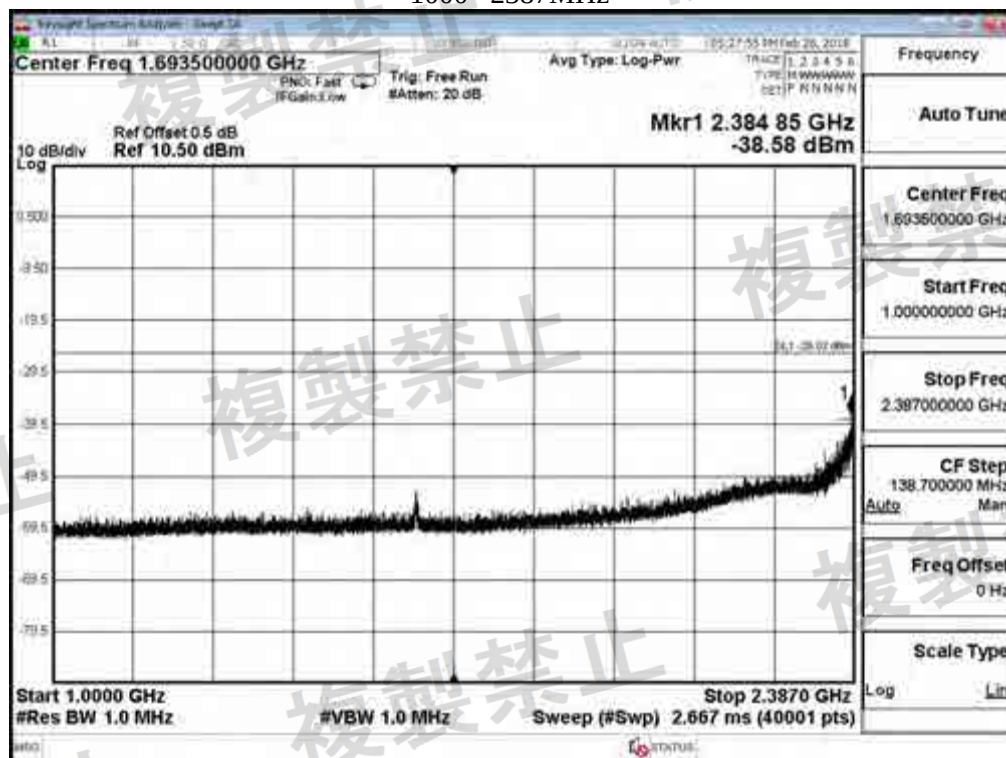
Product : Gateway
Test Item : Transmitter Spurious Emissions
Test Mode : Mode 1: Transmitter (802.11g 6Mbps)_3.63V- 2442MHz

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-62.37	-26 (2.5uW)
1000 – 2387	-38.58	-26 (2.5uW)
2387 – 2400	-32.51	-16 (25uW)
2483.5 – 2496.5	-28.62	-16 (25uW)
2497 – 8000	-35.06	-26 (2.5uW)
8000 – 12750	-52.26	-26 (2.5uW)

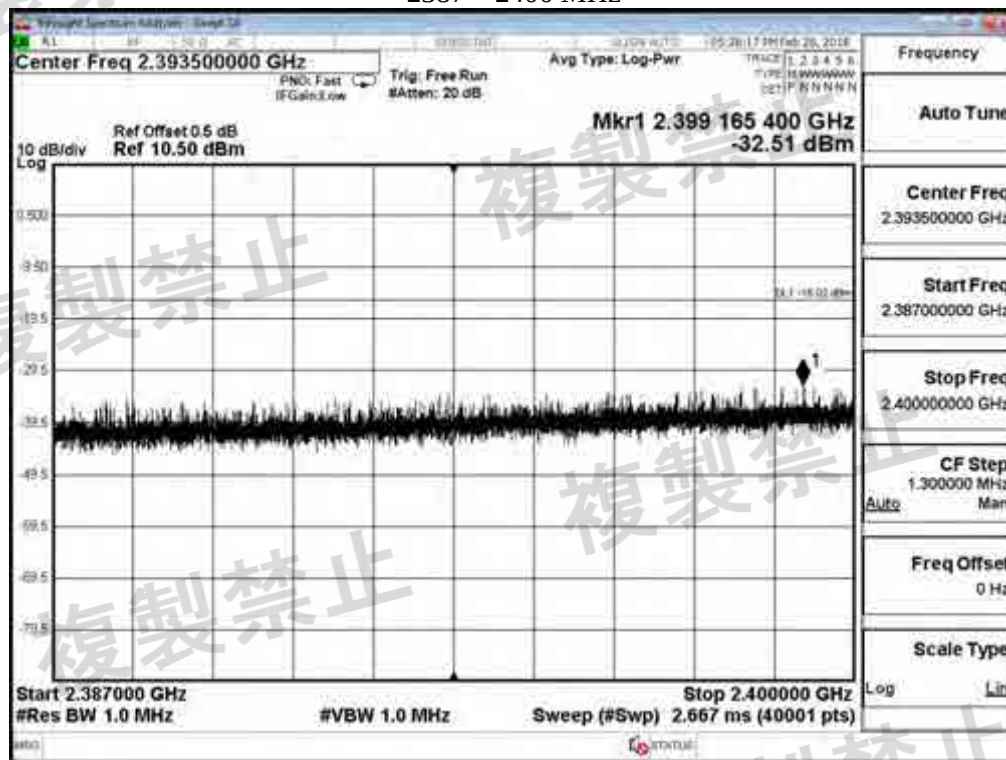
30-1000MHz



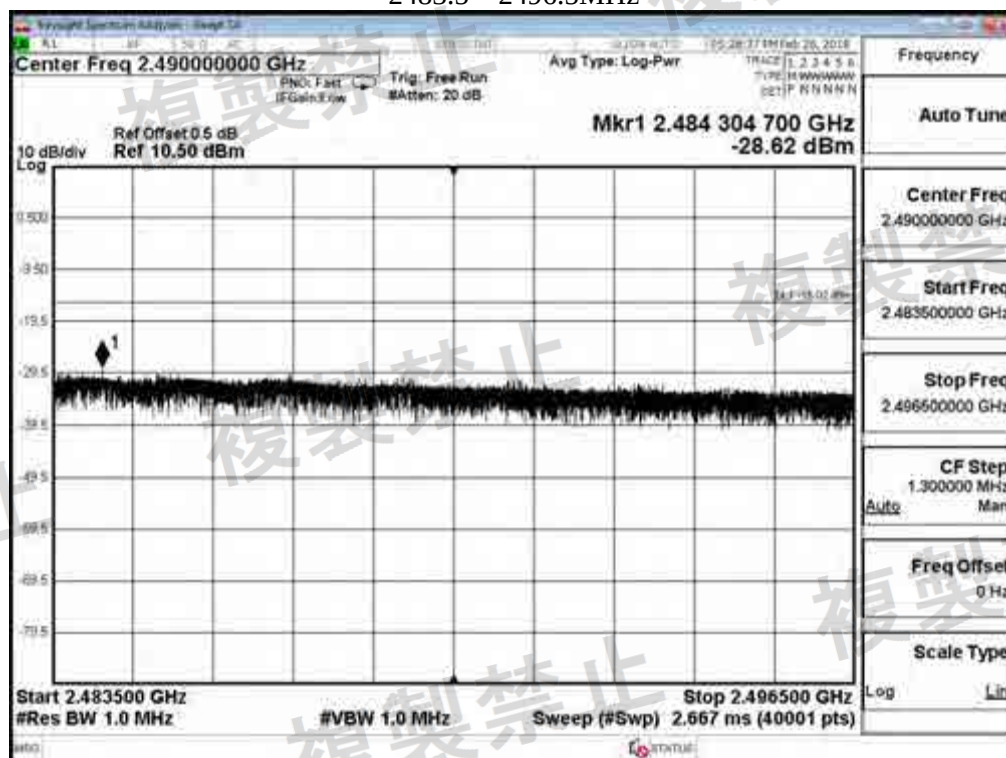
1000– 2387MHz



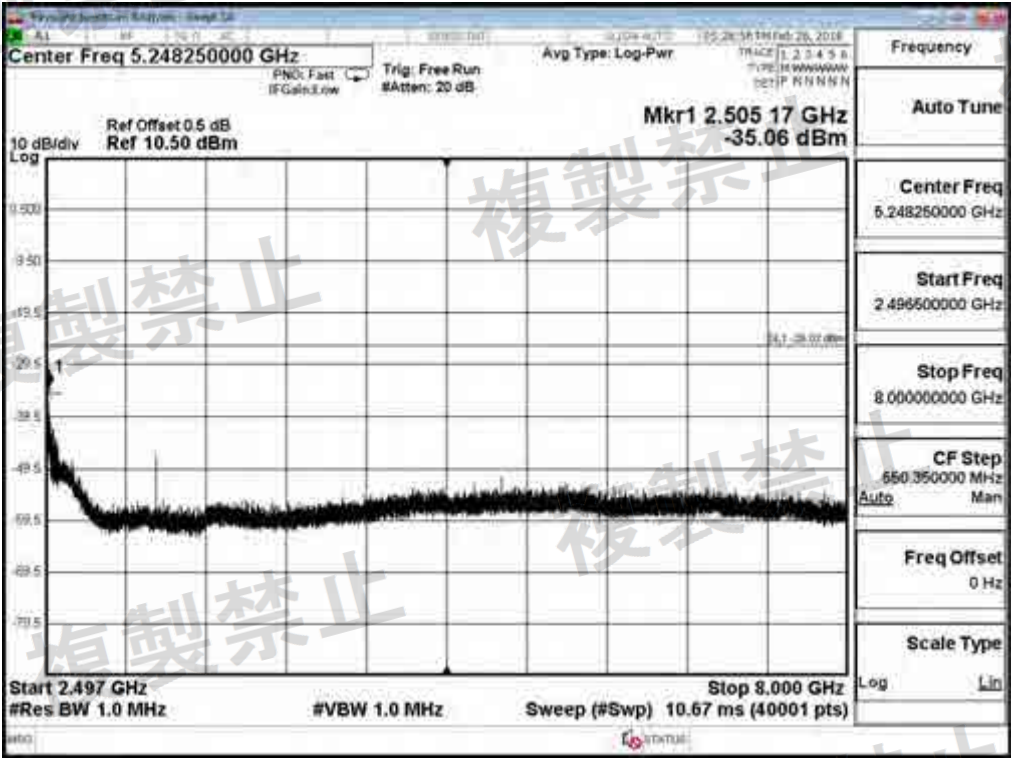
2387 – 2400 MHz



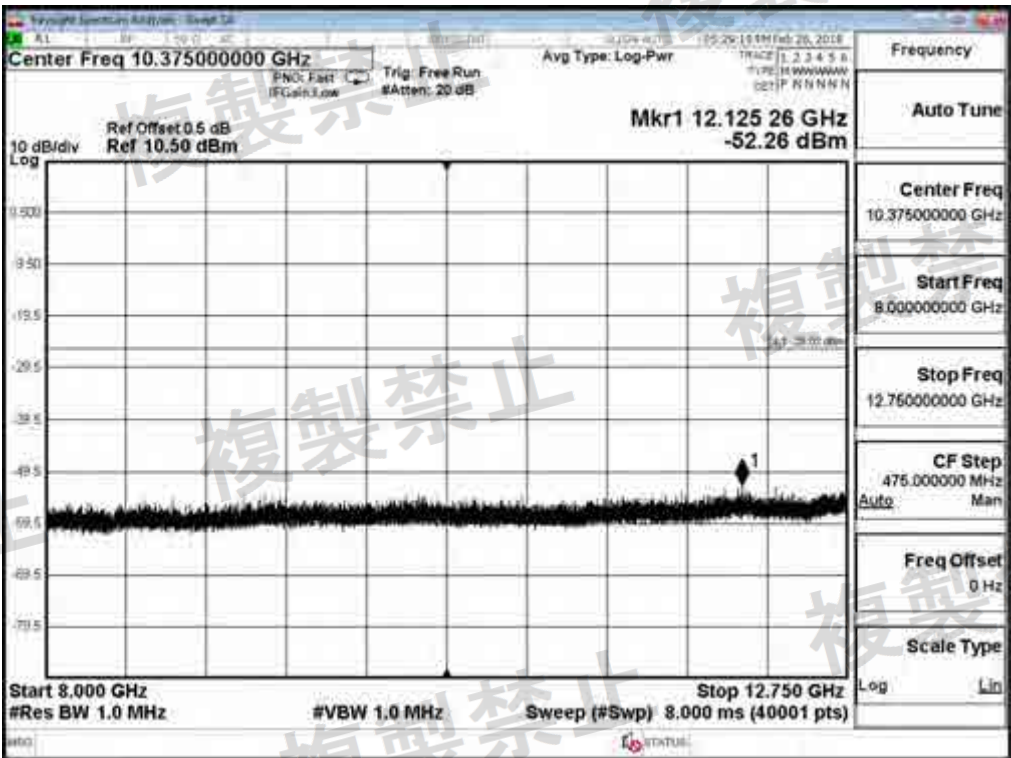
2483.5 – 2496.5MHz



2497 – 8000MHz



8000 – 12750MHz



Test Result

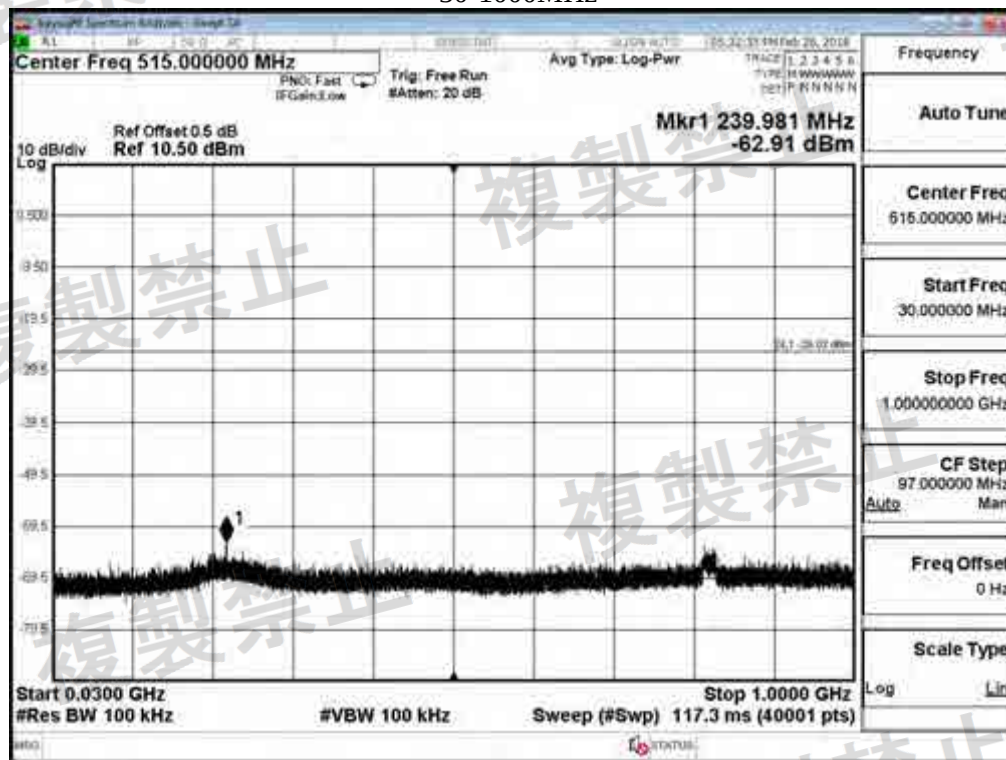
PASS

Product : Gateway
Test Item : Transmitter Spurious Emissions
Test Mode : Mode 1: Transmitter (802.11g 6Mbps)_3.63V- 2472MHz

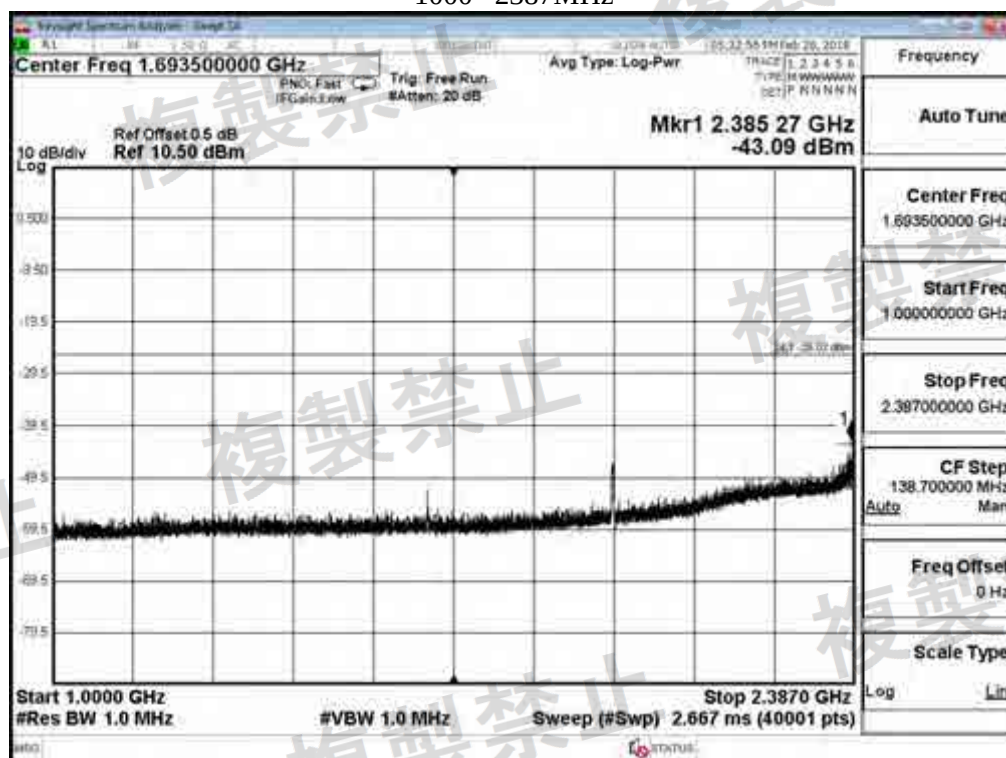
Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-62.91	-26 (2.5uW)
1000 – 2387	-43.09	-26 (2.5uW)
2387 – 2400	-38.90	-16 (25uW)
2483.5 – 2496.5	-31.61	-16 (25uW)
2497 – 8000	-55.50	-26 (2.5uW)
8000 – 12750	-51.64	-26 (2.5uW)

* (reading value+15.2)

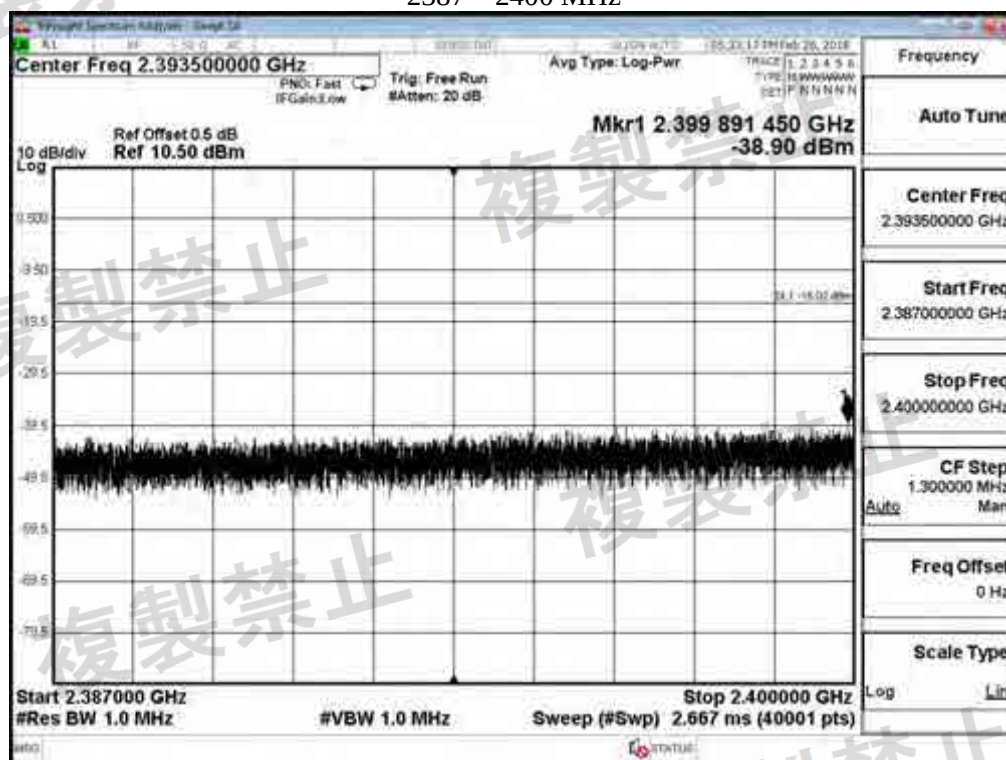
30-1000MHz



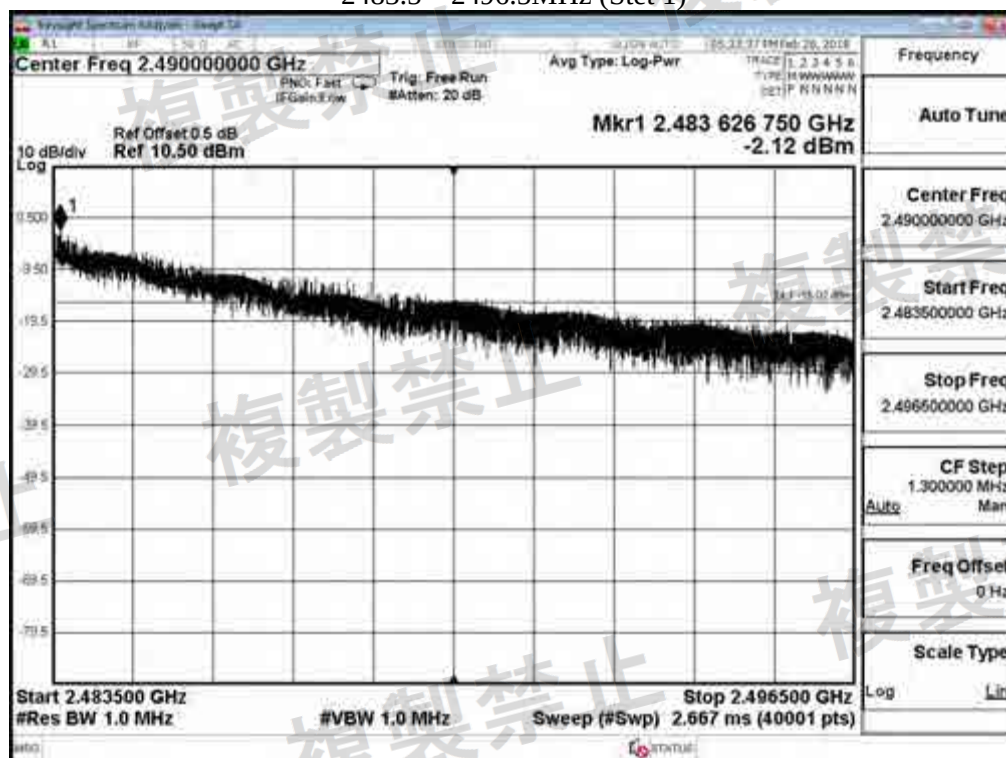
1000- 2387MHz



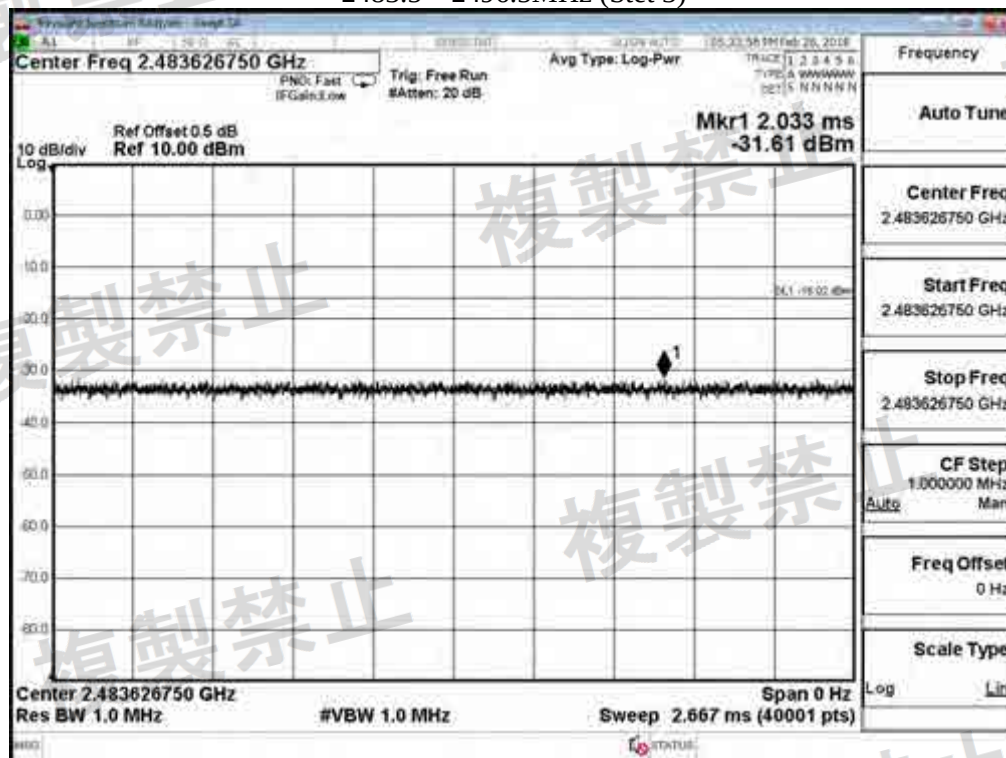
2387 – 2400 MHz



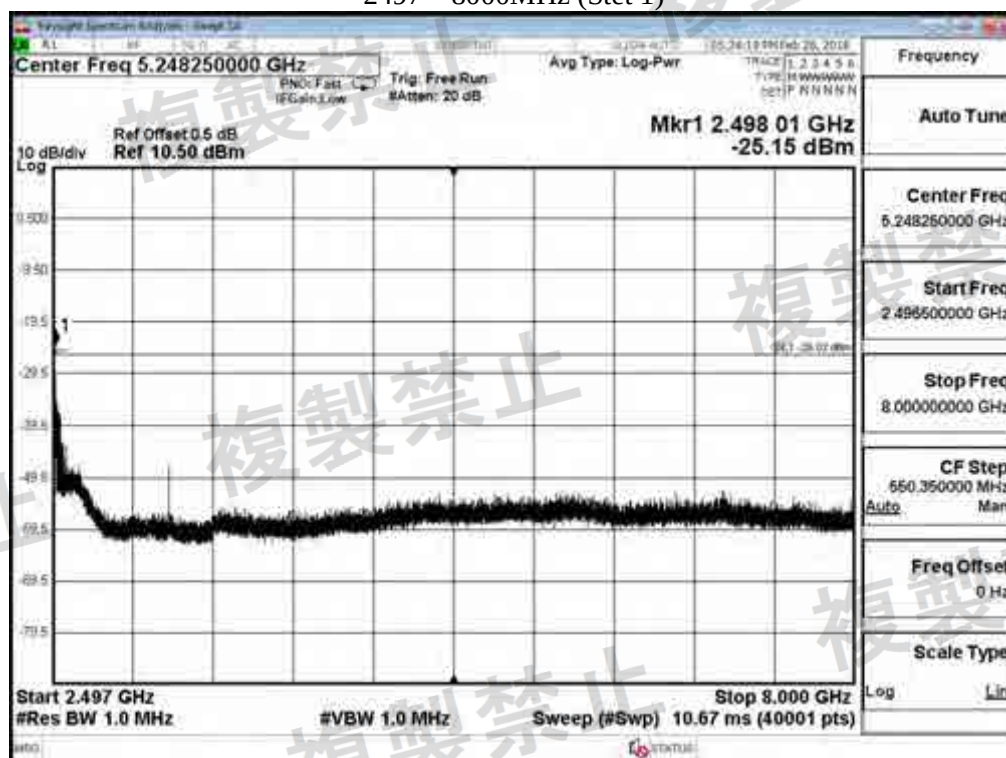
2483.5 – 2496.5MHz (Stet 1)



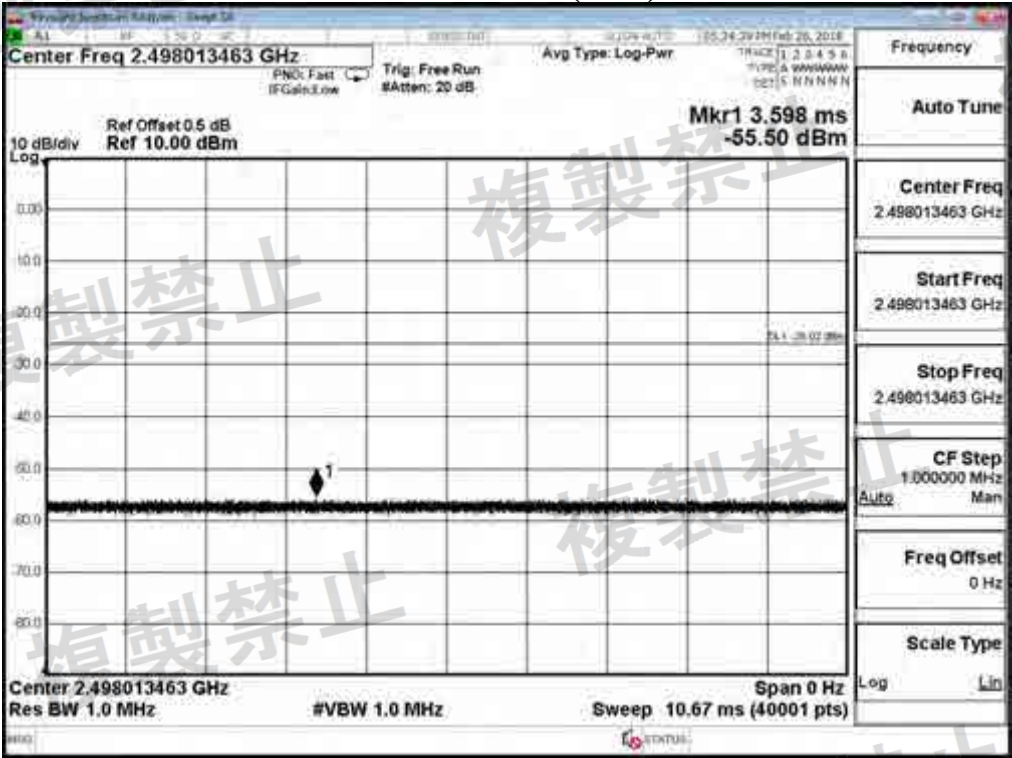
2483.5 – 2496.5MHz (Stet 3)



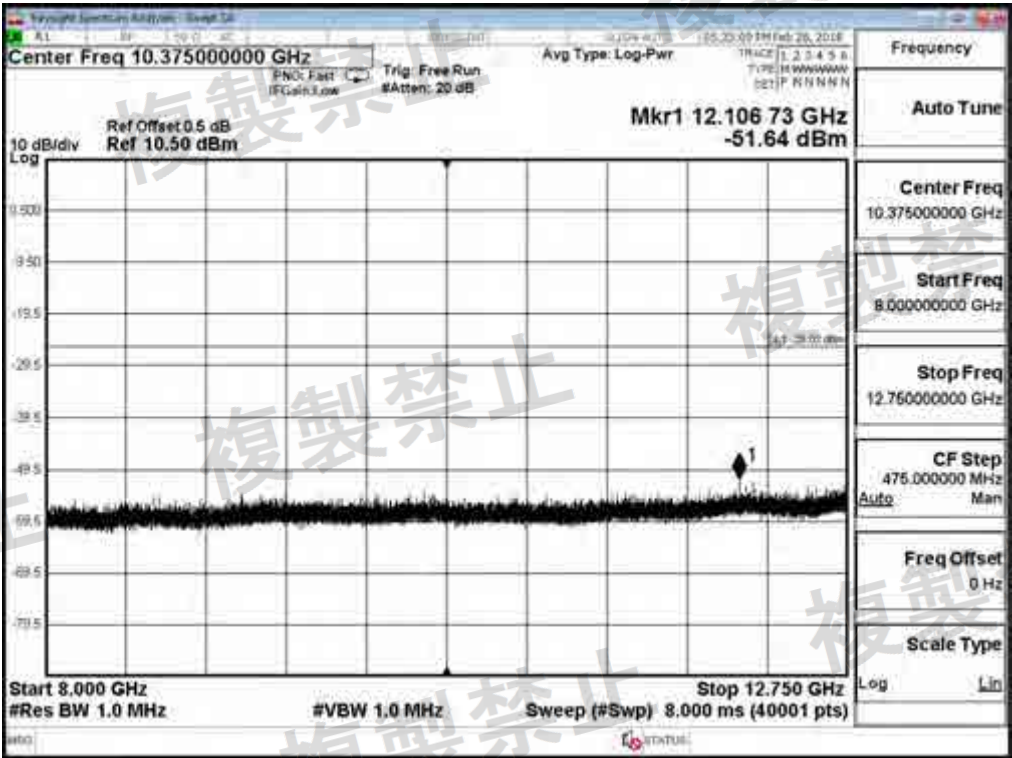
2497 – 8000MHz (Stet 1)



2497 – 8000MHz (Stet 3)



8000 – 12750MHz



Test Result

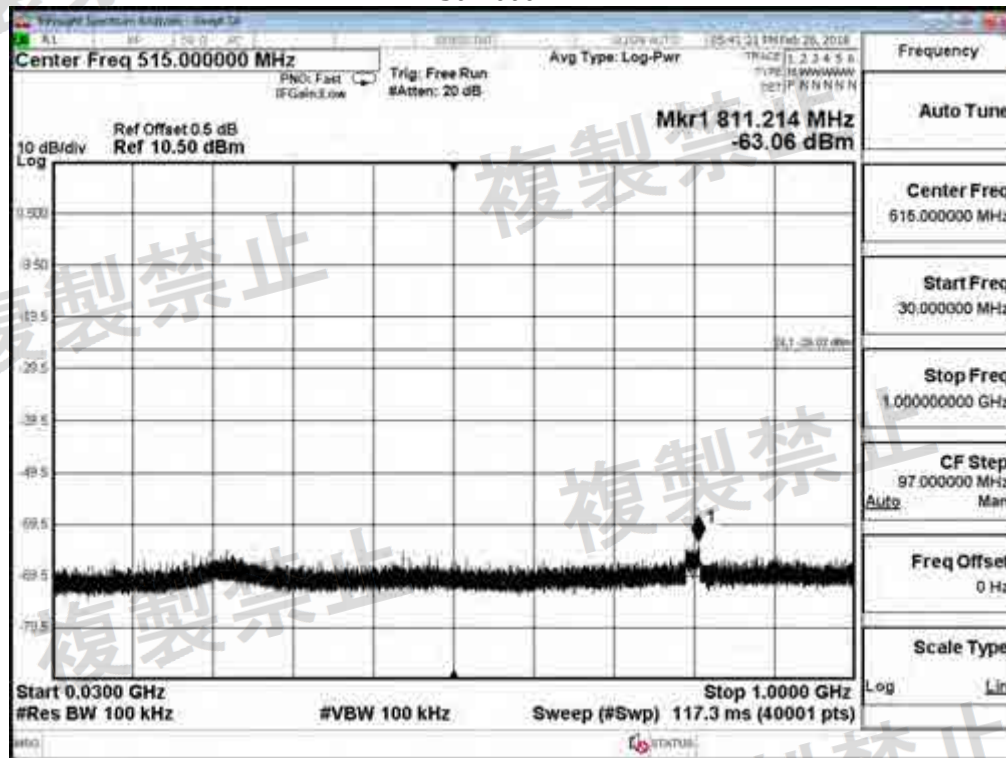
PASS

Product : Gateway
Test Item : Transmitter Spurious Emissions
Test Mode : Mode 1: Transmitter (802.11n MCS8 20MBW)_3.63V -2412MHz

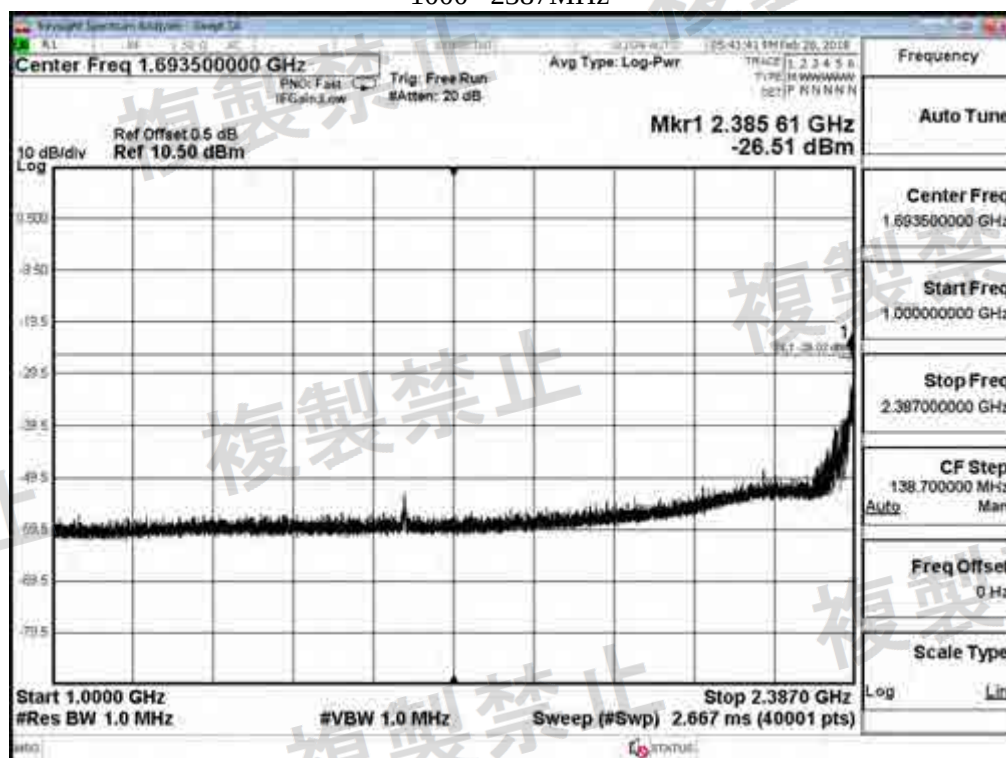
Chain A

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-63.06	-26 (2.5uW)
1000 – 2387	-26.51	-26 (2.5uW)
2387 – 2400	-37.03	-16 (25uW)
2483.5 – 2496.5	-38.60	-16 (25uW)
2497 – 8000	-46.83	-26 (2.5uW)
8000 – 12750	-51.90	-26 (2.5uW)

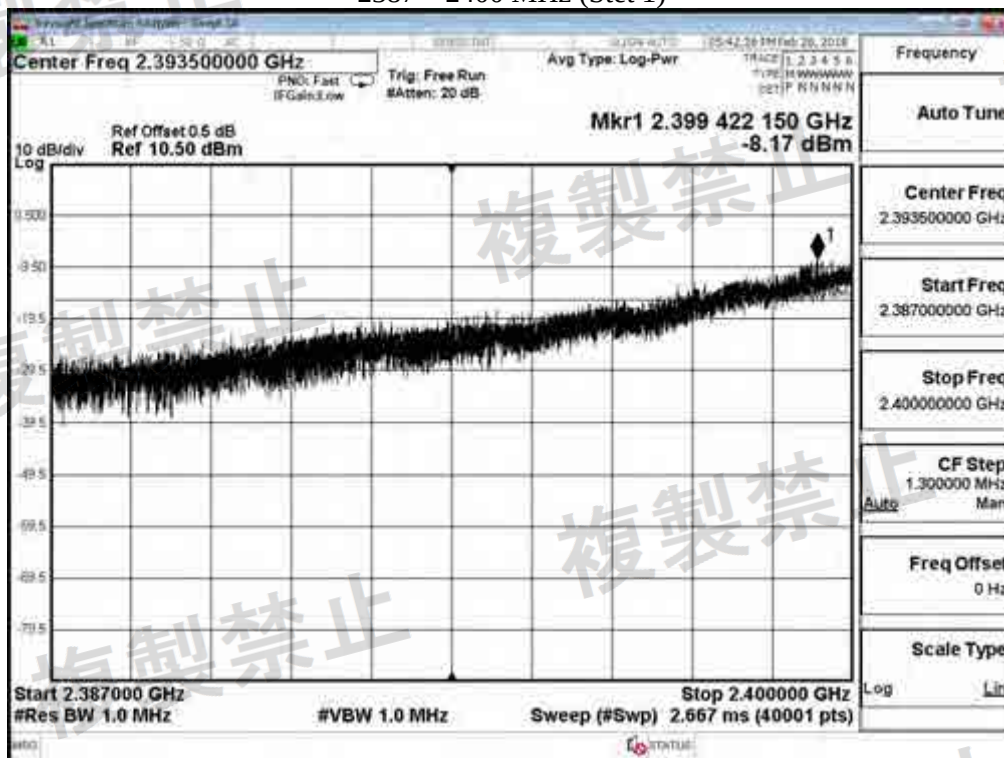
30-1000MHz



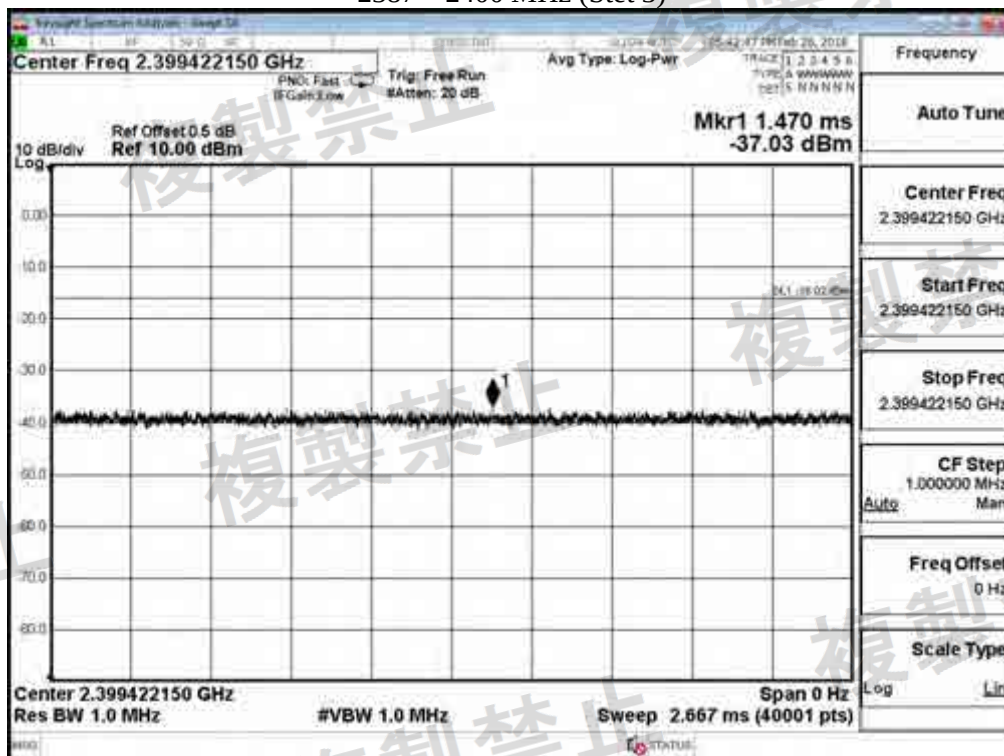
1000- 2387MHz



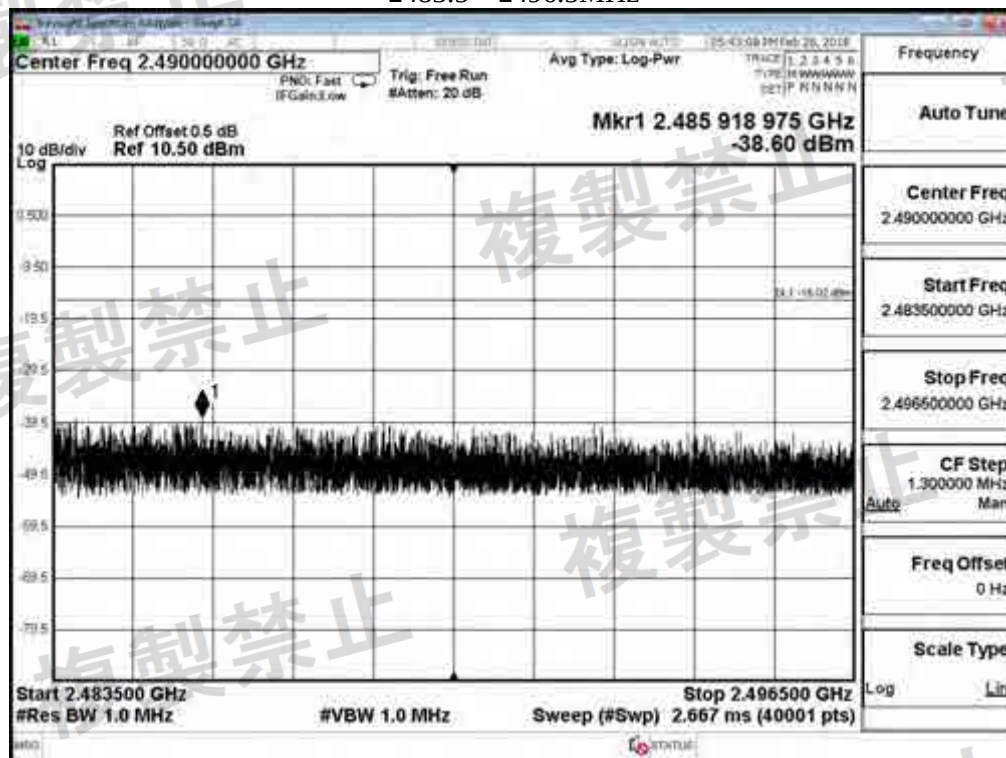
2387 – 2400 MHz (Stet 1)



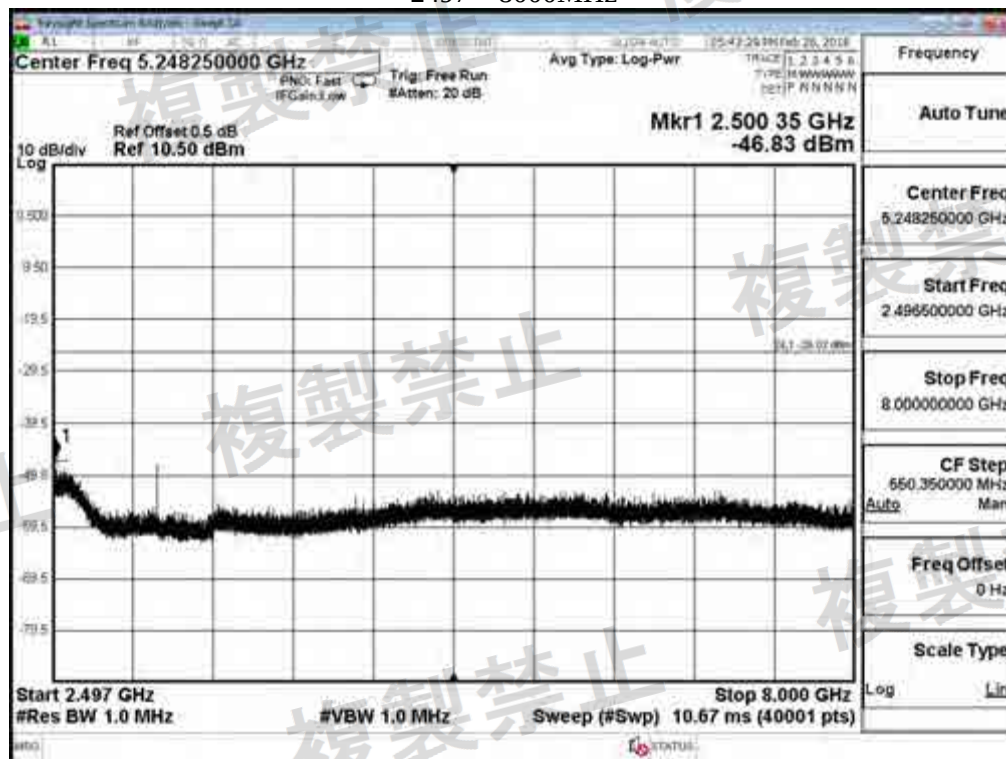
2387 – 2400 MHz (Stet 3)



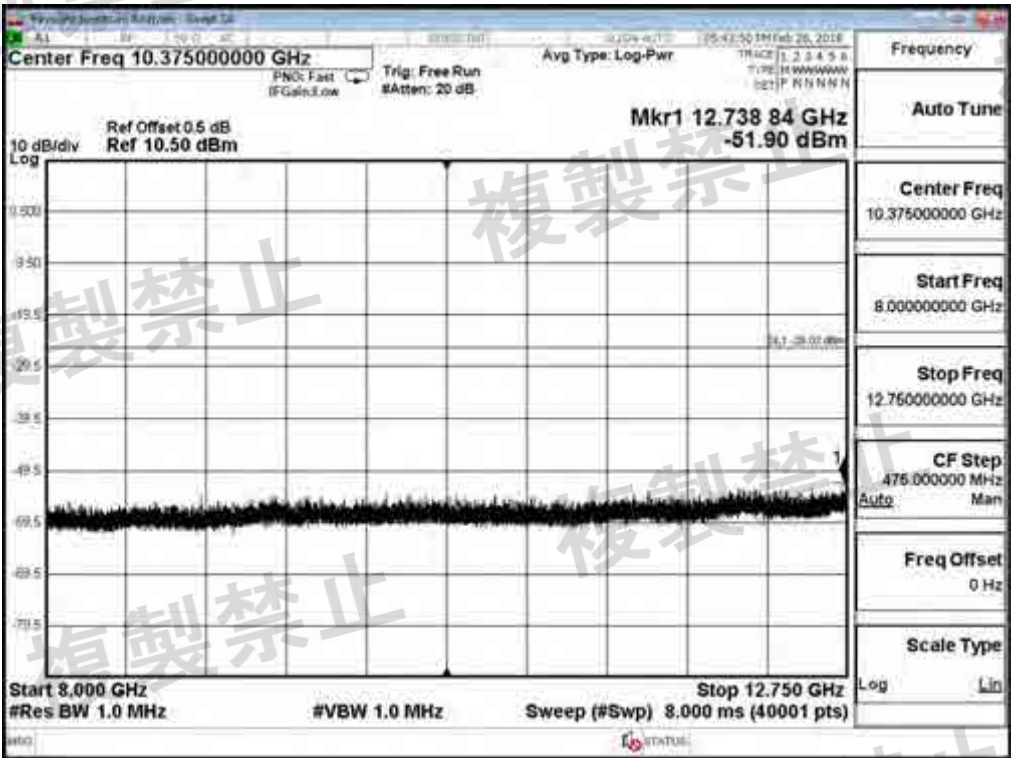
2483.5 – 2496.5MHz



2497 – 8000MHz



8000 – 12750MHz

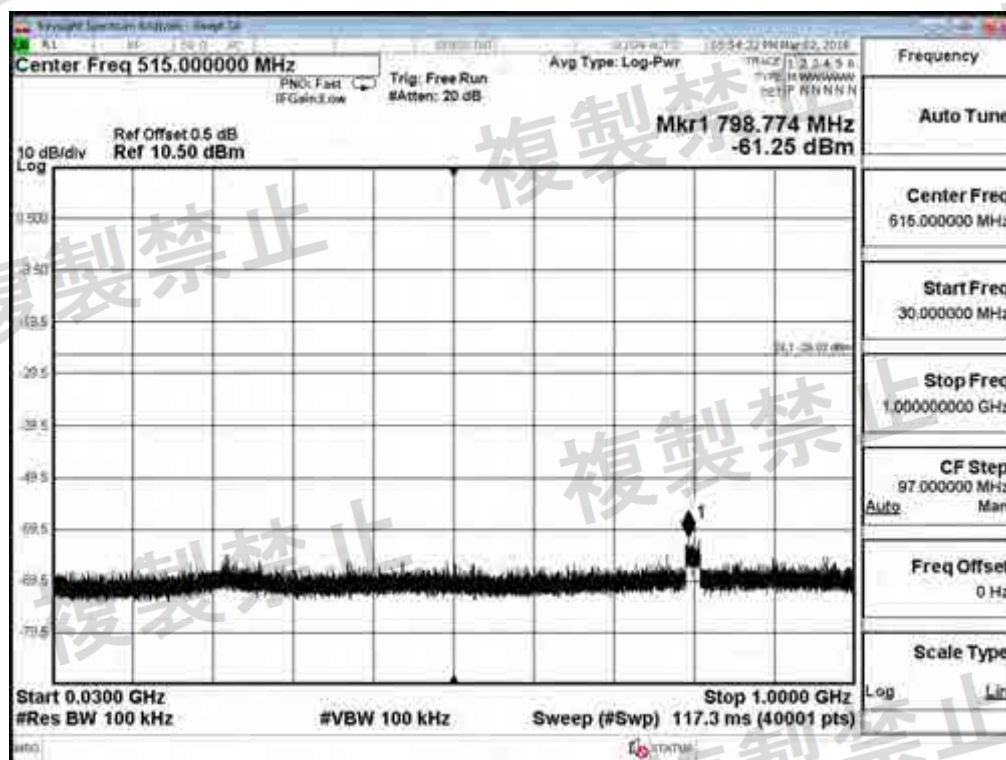


Product : Gateway
Test Item : Transmitter Spurious Emissions
Test Mode : Mode 1: Transmitter (802.11n MCS8 20MBW)_3.63V -2412MHz

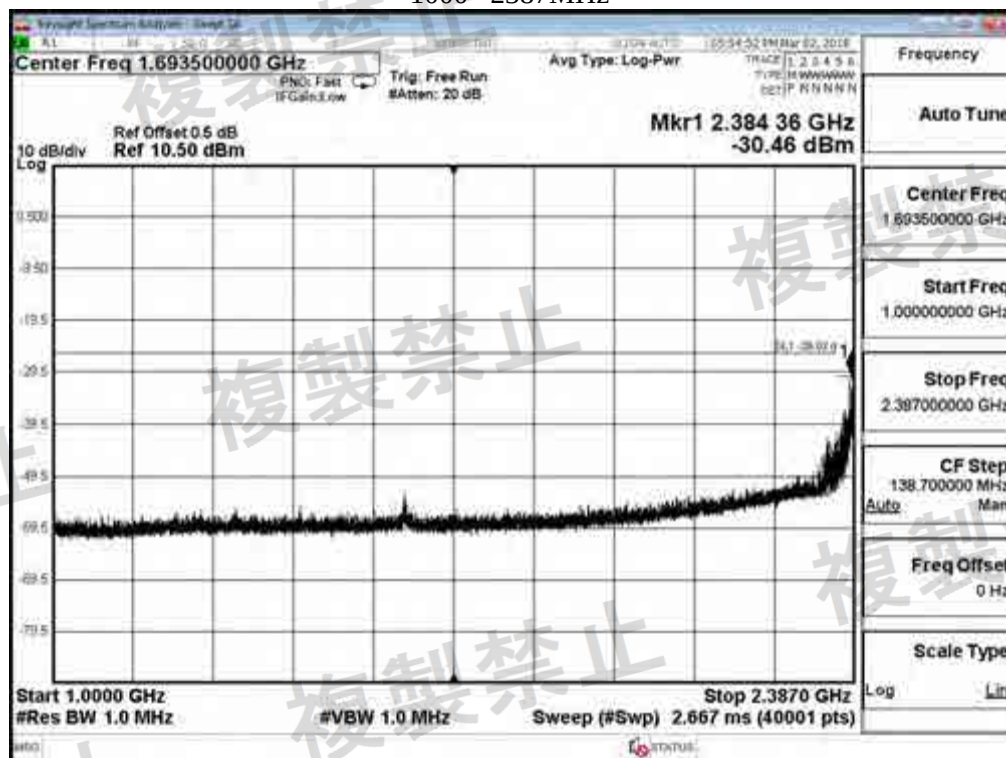
Chain B

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-61.25	-26 (2.5uW)
1000 – 2387	-30.46	-26 (2.5uW)
2387 – 2400	-35.90	-16 (25uW)
2483.5 – 2496.5	-33.97	-16 (25uW)
2496.5 – 8000	-44.82	-26 (2.5uW)
8000 – 12750	-52.81	-26 (2.5uW)

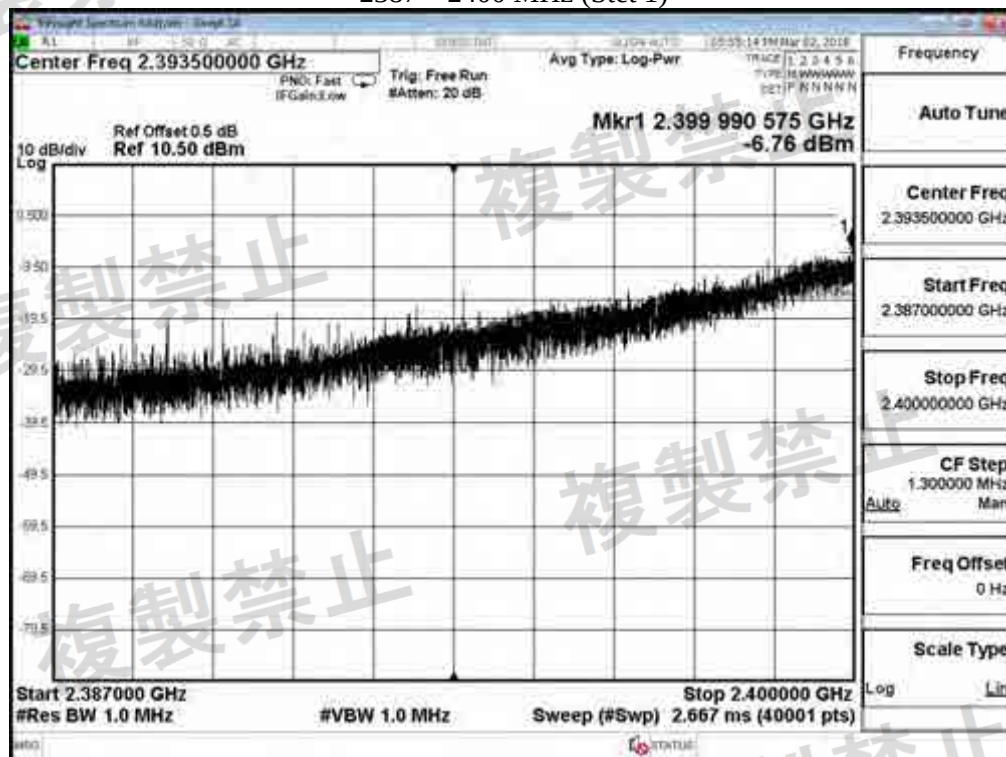
30-1000MHz



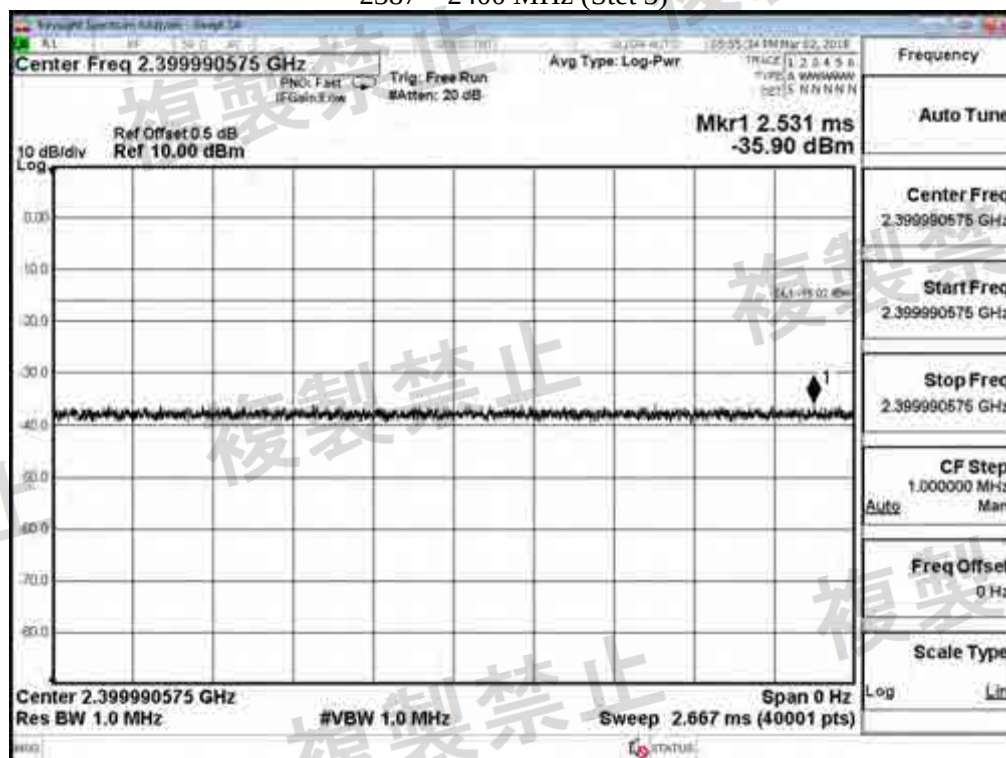
1000– 2387MHz



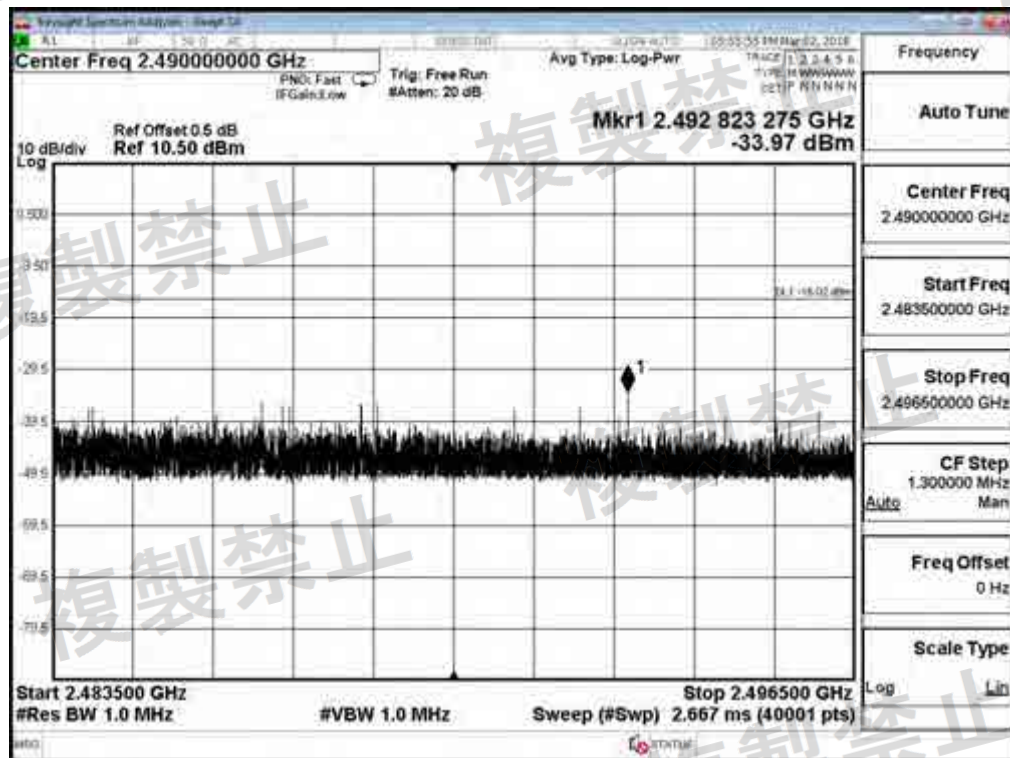
2387 – 2400 MHz (Stet 1)



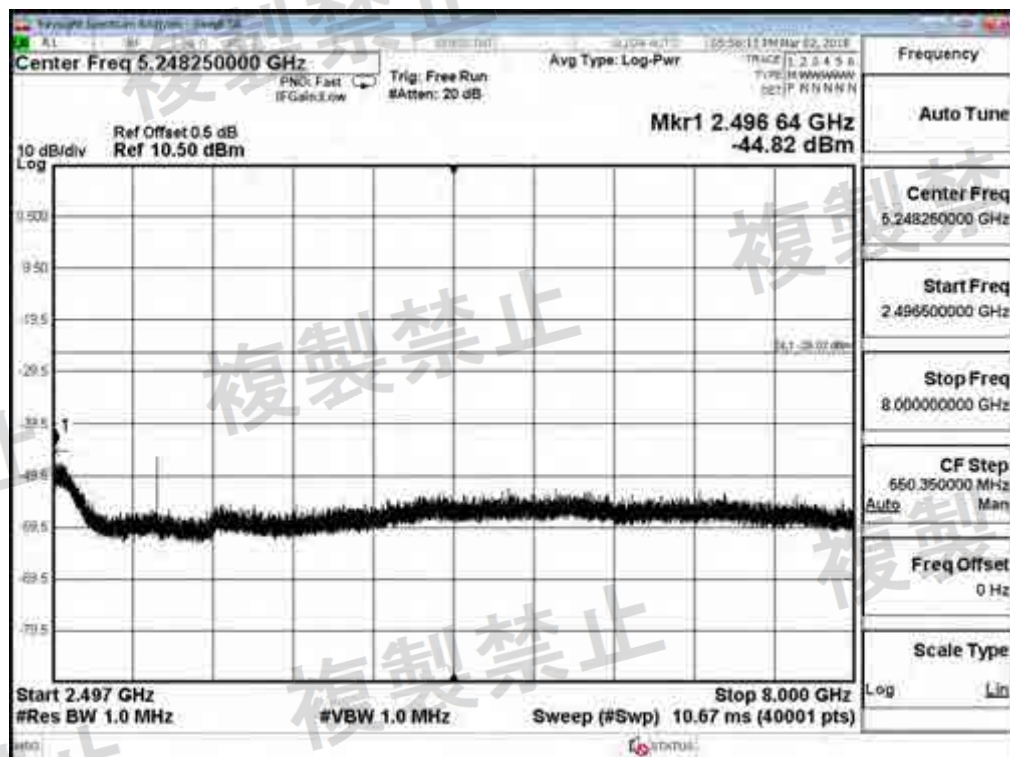
2387 – 2400 MHz (Stet 3)



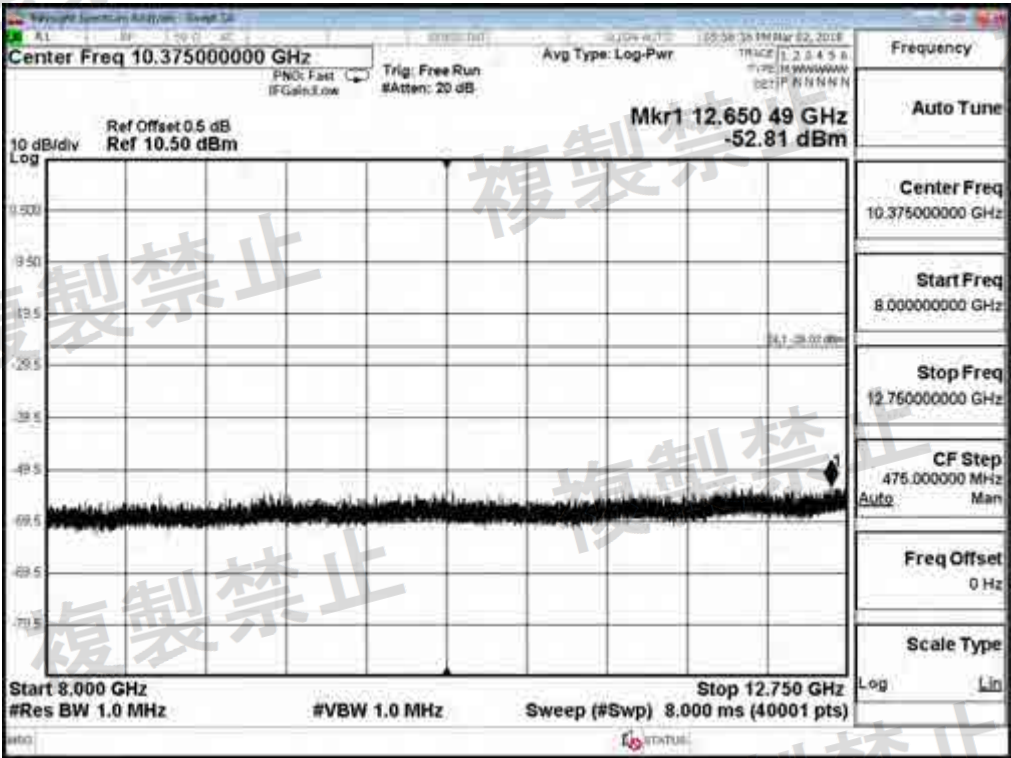
2483.5 – 2496.5MHz



2496.5 – 8000MHz



8000 – 12750MHz

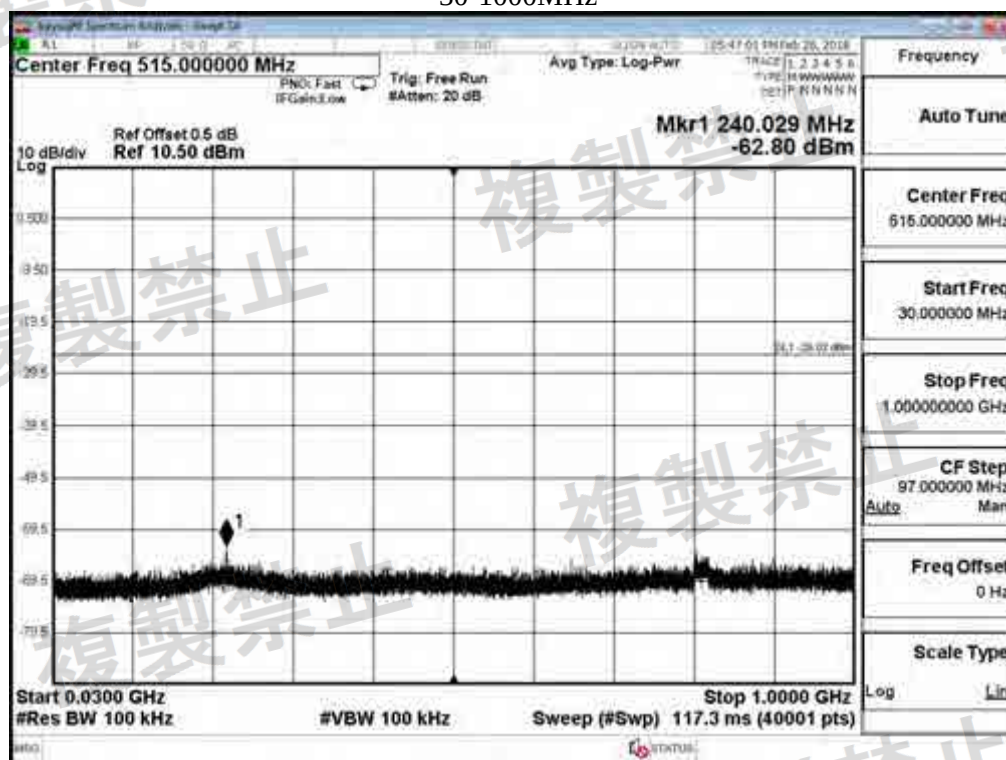


Product : Gateway
Test Item : Transmitter Spurious Emissions
Test Mode : Mode 1: Transmitter (802.11n MCS8 20MBW)_3.63V -2442MHz

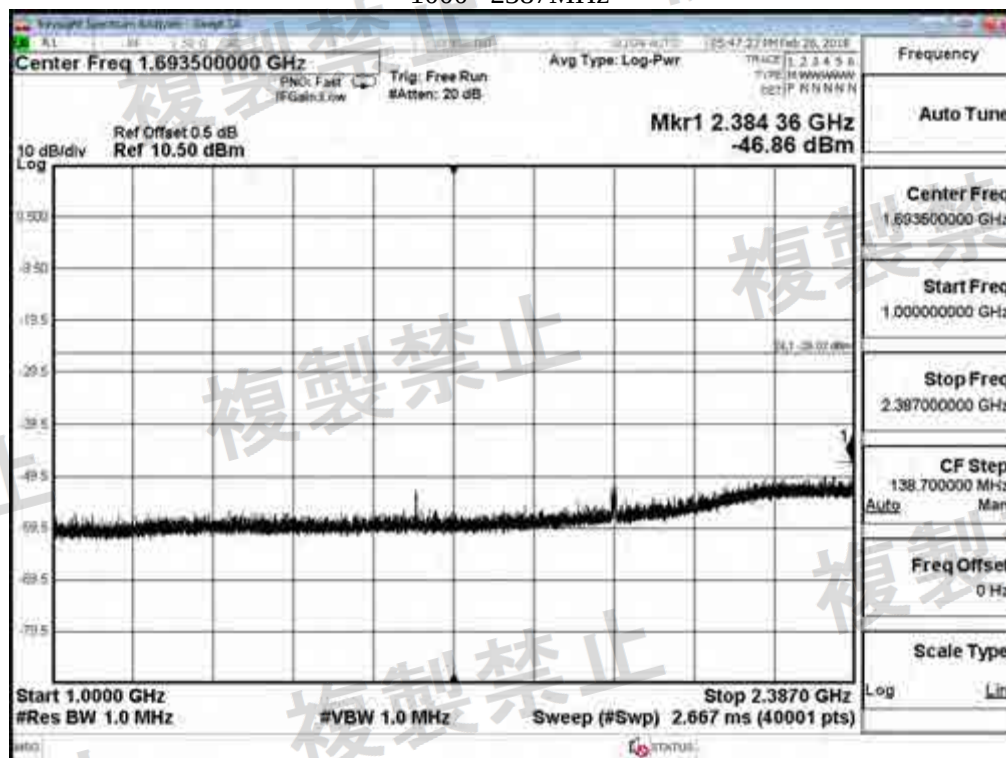
Chain A

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-62.80	-26 (2.5uW)
1000 – 2387	-46.86	-26 (2.5uW)
2387 – 2400	-38.69	-16 (25uW)
2483.5 – 2496.5	-35.39	-16 (25uW)
2497 – 8000	-46.98	-26 (2.5uW)
8000 – 12750	-52.23	-26 (2.5uW)

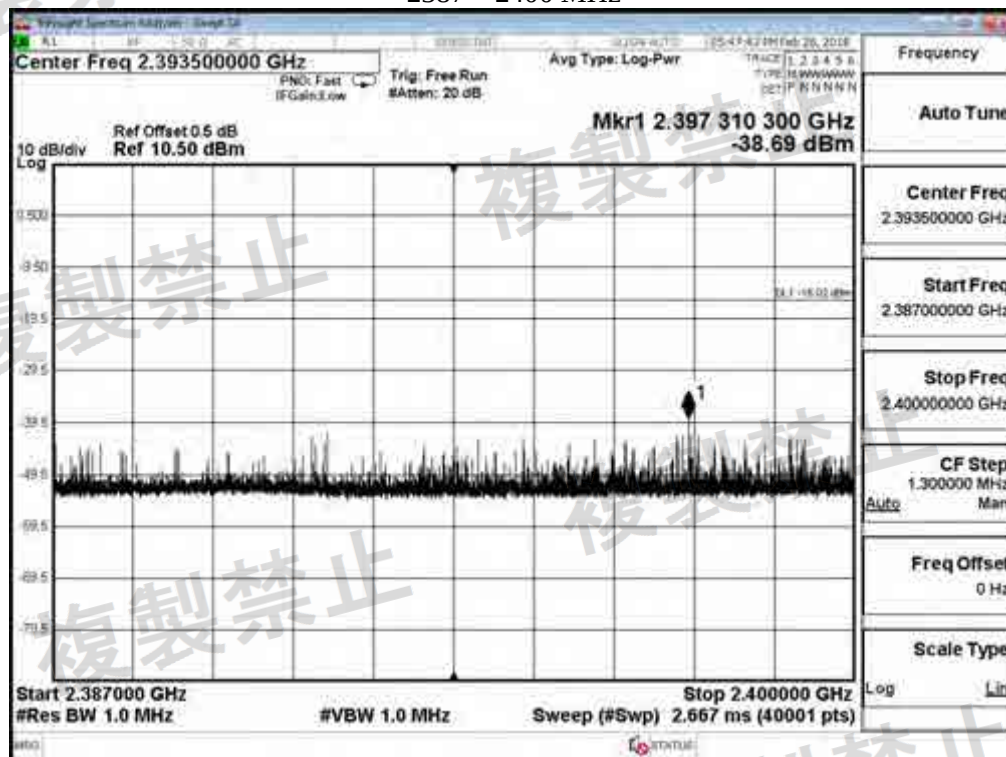
30-1000MHz



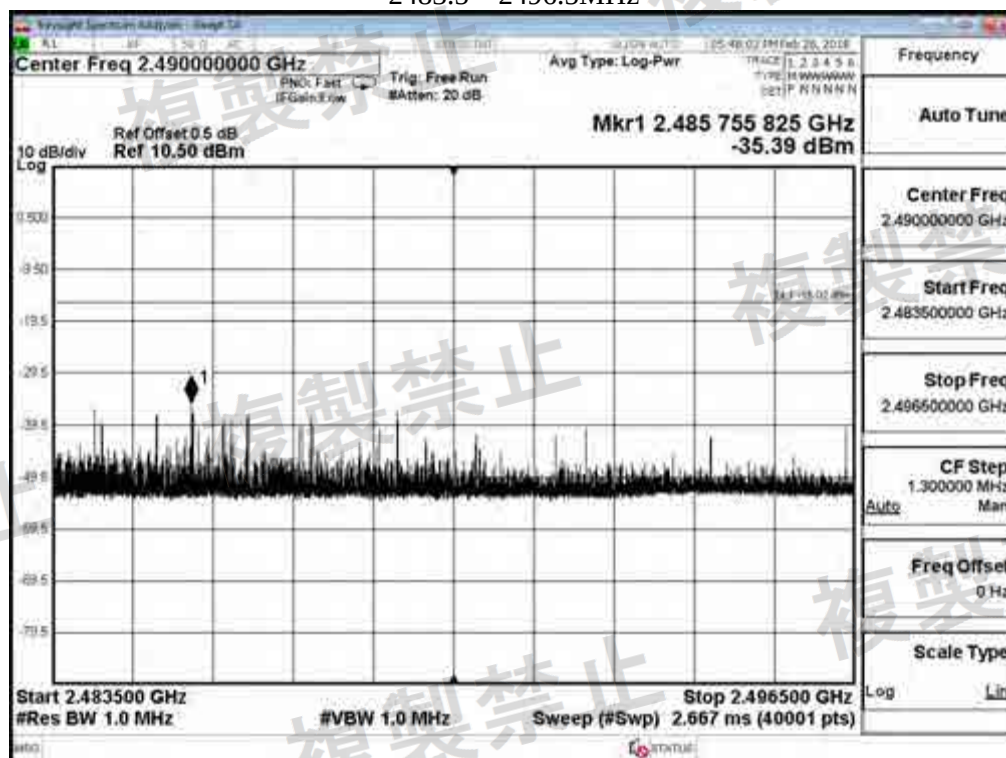
1000- 2387MHz



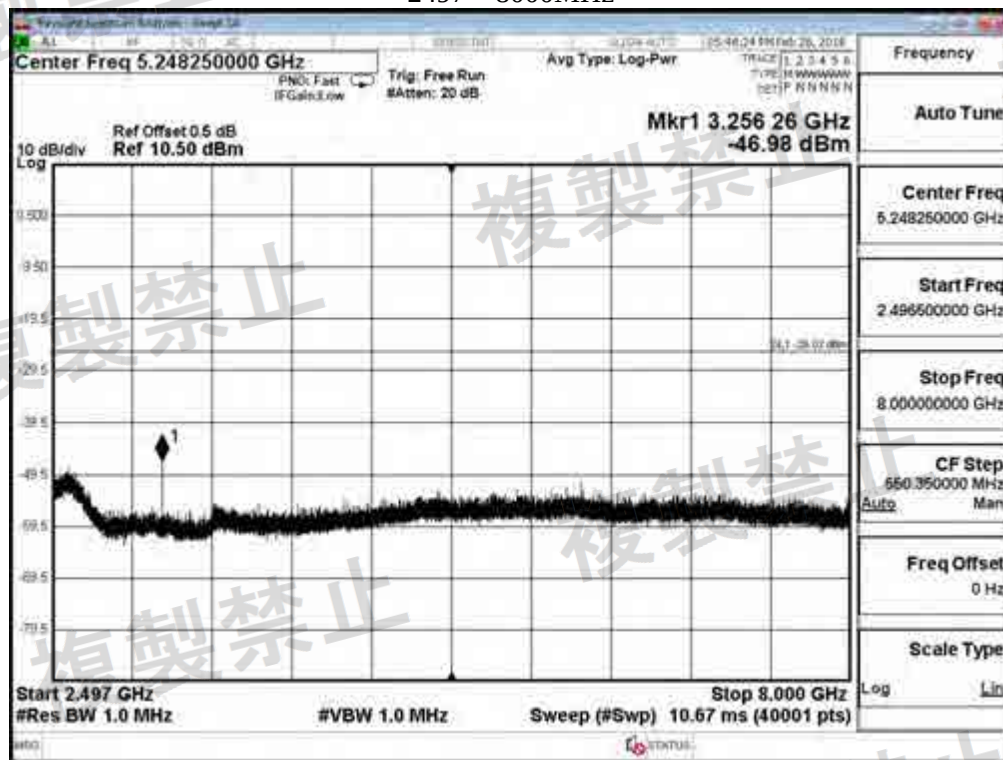
2387 – 2400 MHz



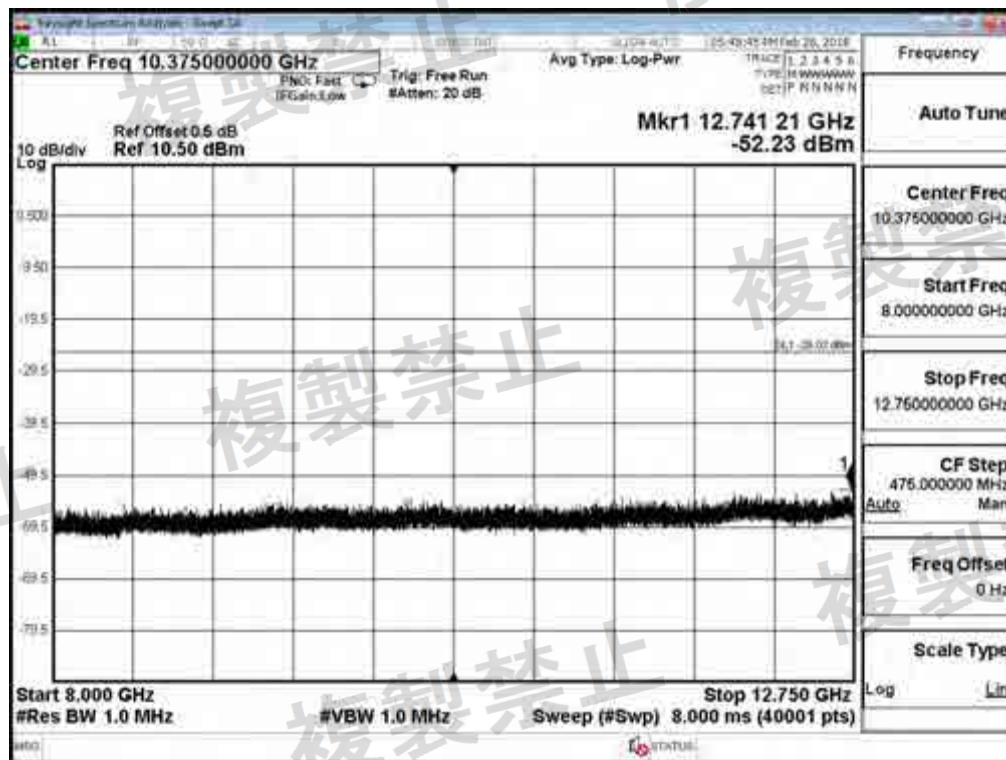
2483.5 – 2496.5 MHz



2497 – 8000MHz



8000 – 12750MHz

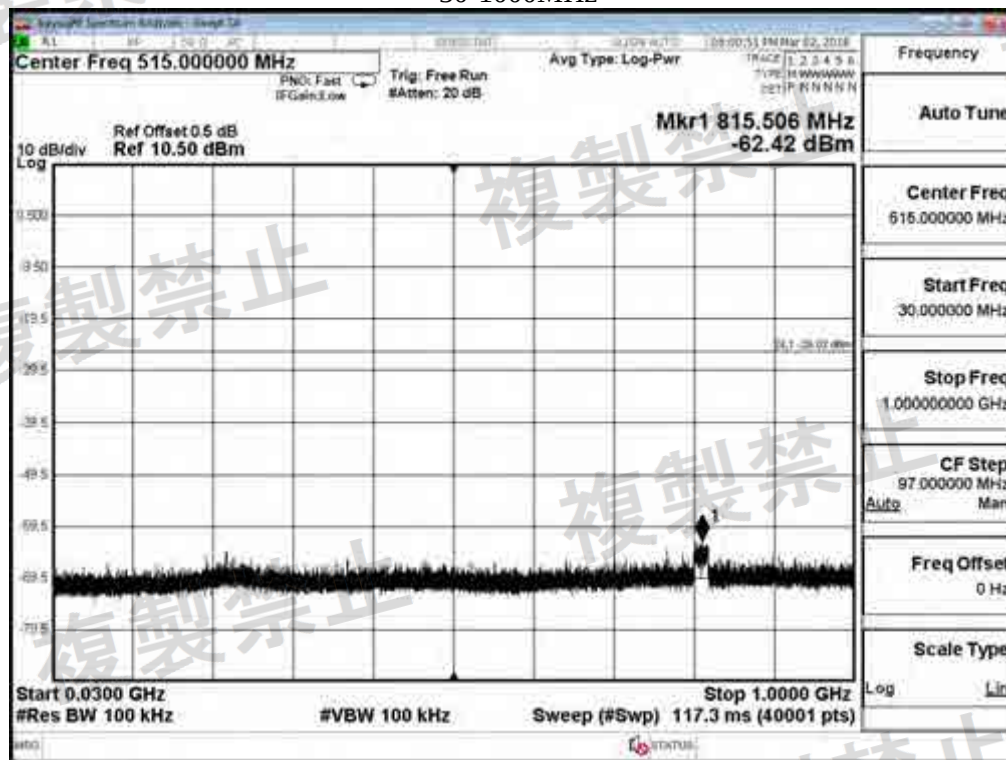


Product : Gateway
Test Item : Transmitter Spurious Emissions
Test Mode : Mode 1: Transmitter (802.11n MCS8 20MBW)_3.63V-2442MHz

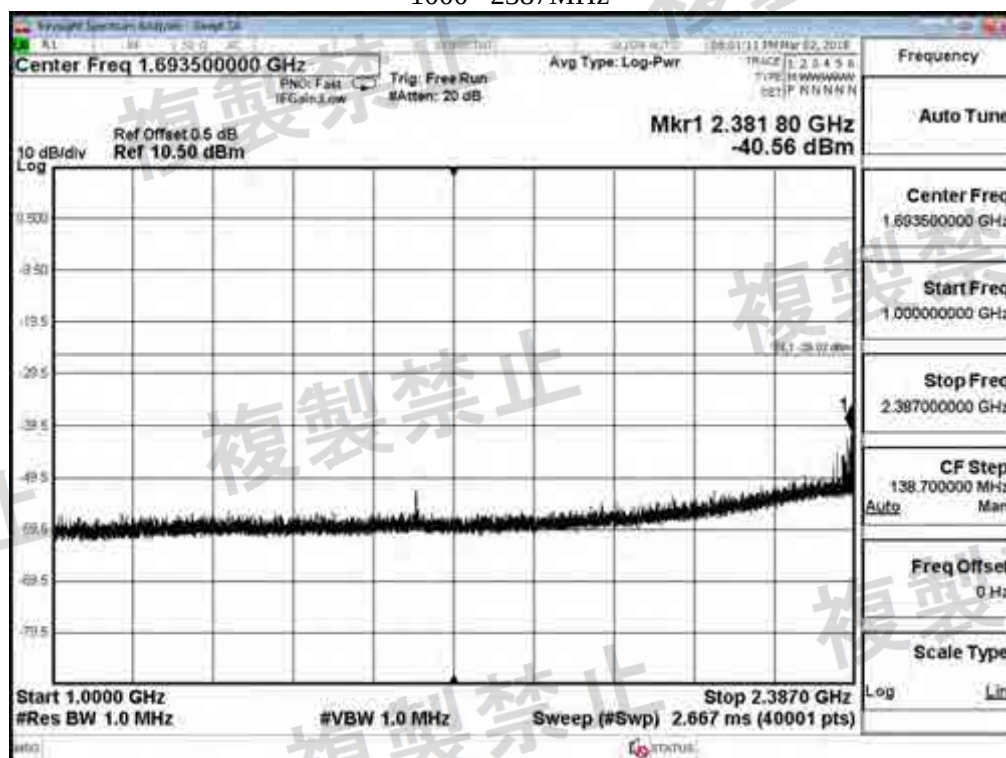
Chain B

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-62.42	-26 (2.5uW)
1000 – 2387	-40.56	-26 (2.5uW)
2387 – 2400	-35.51	-16 (25uW)
2483.5 – 2496.5	-31.37	-16 (25uW)
2497 – 8000	-40.62	-26 (2.5uW)
8000 – 12750	-52.78	-26 (2.5uW)

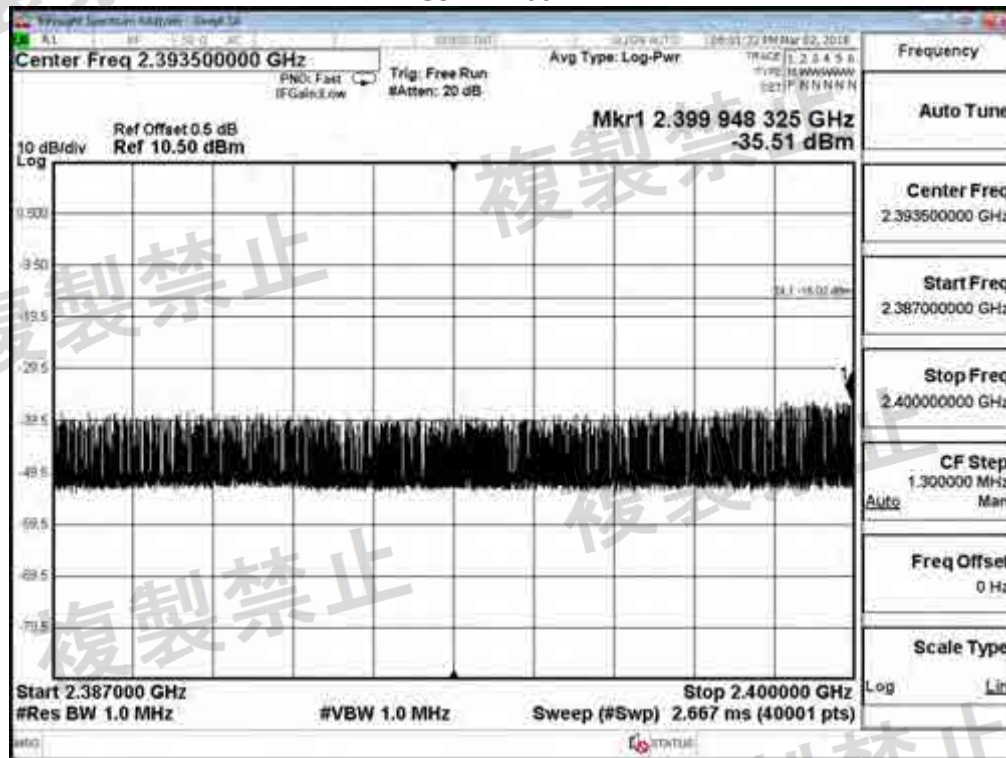
30-1000MHz



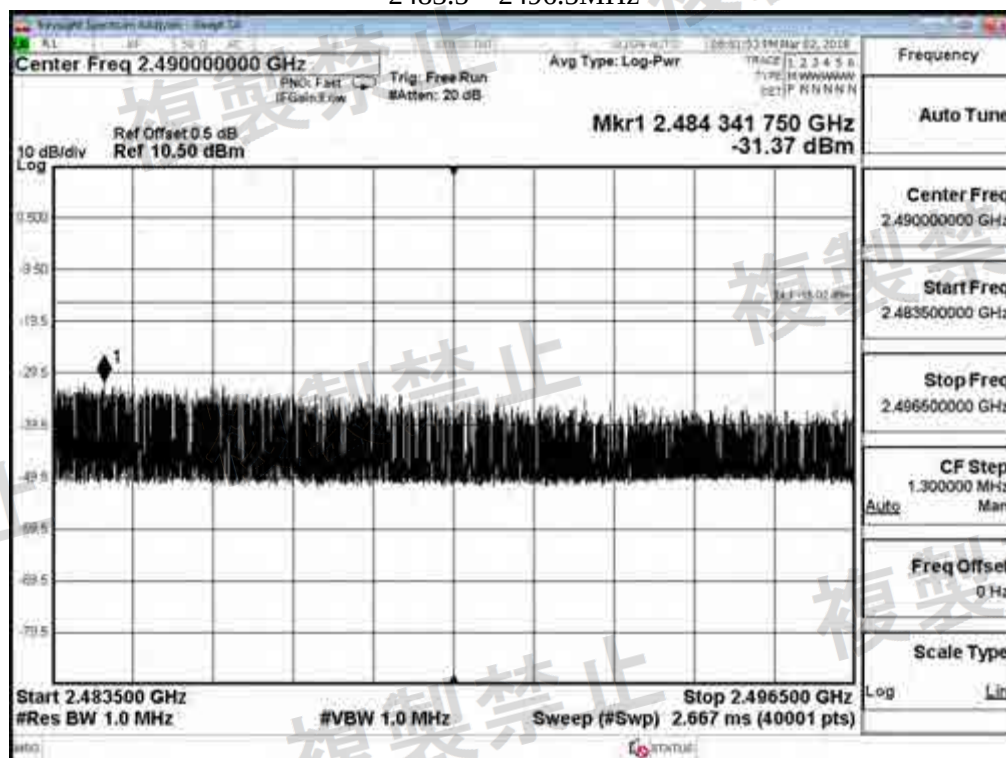
1000- 2387MHz



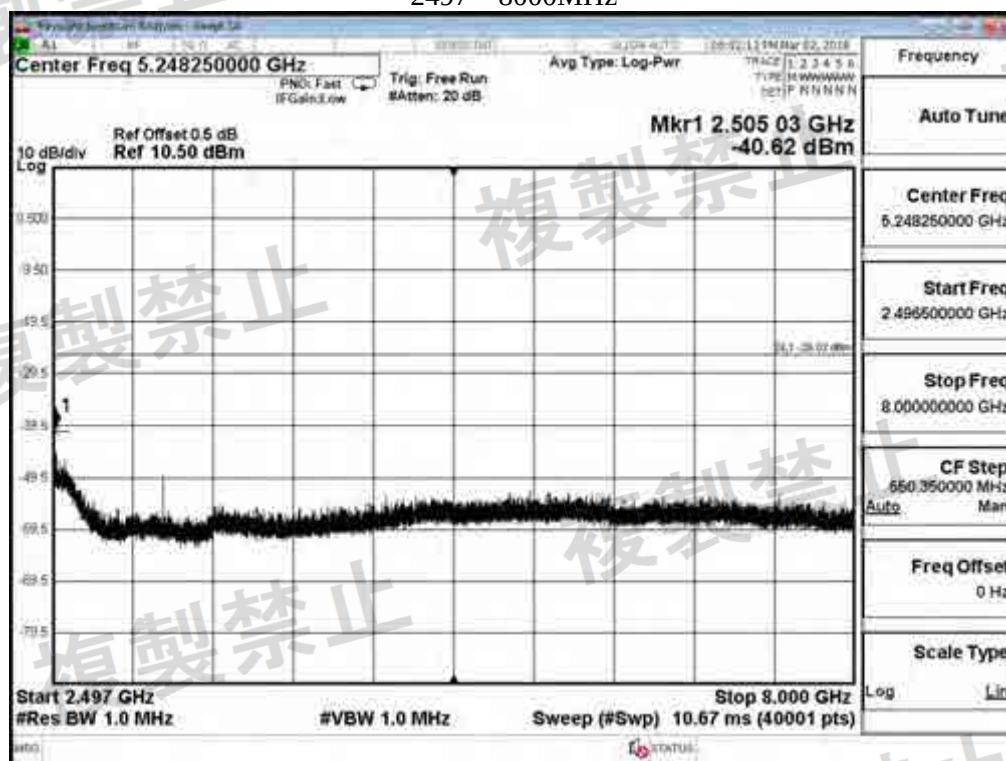
2387 – 2400 MHz



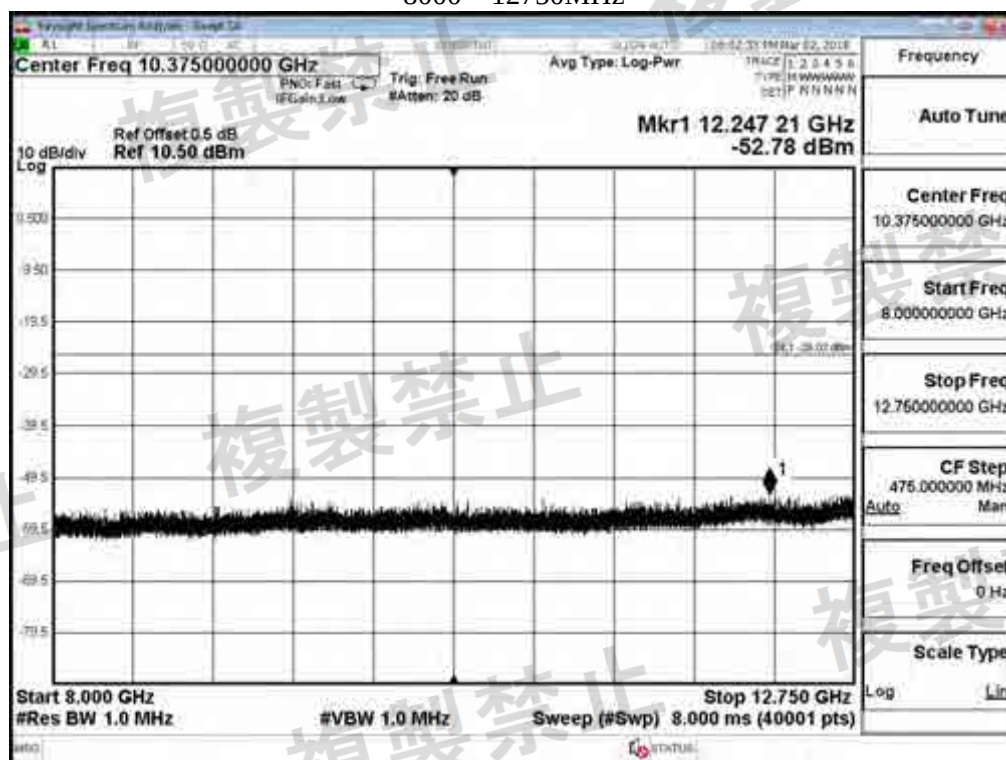
2483.5 – 2496.5MHz



2497 – 8000MHz



8000 – 12750MHz

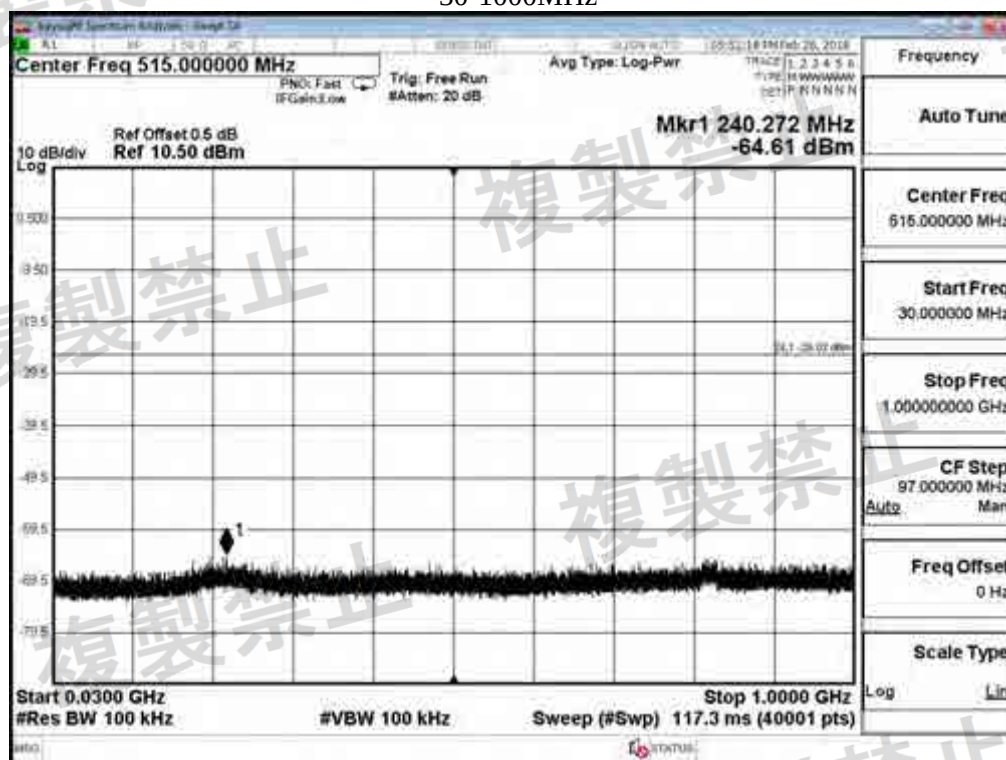


Product : Gateway
Test Item : Transmitter Spurious Emissions
Test Mode : Mode 1: Transmitter (802.11n MCS8 20MBW)_3.63V-2472MHz

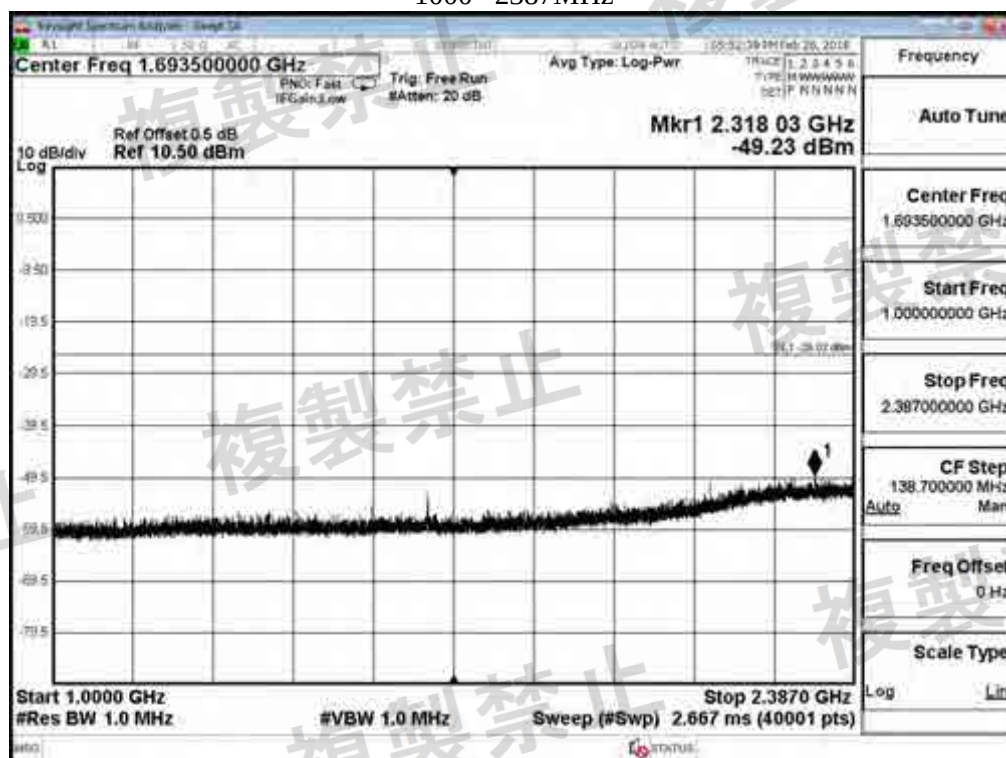
Chain A

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-64.61	-26 (2.5uW)
1000 – 2387	-49.23	-26 (2.5uW)
2387 – 2400	-45.45	-16 (25uW)
2483.5 – 2496.5	-38.61	-16 (25uW)
2497 – 8000	-39.71	-26 (2.5uW)
8000 – 12750	-52.49	-26 (2.5uW)

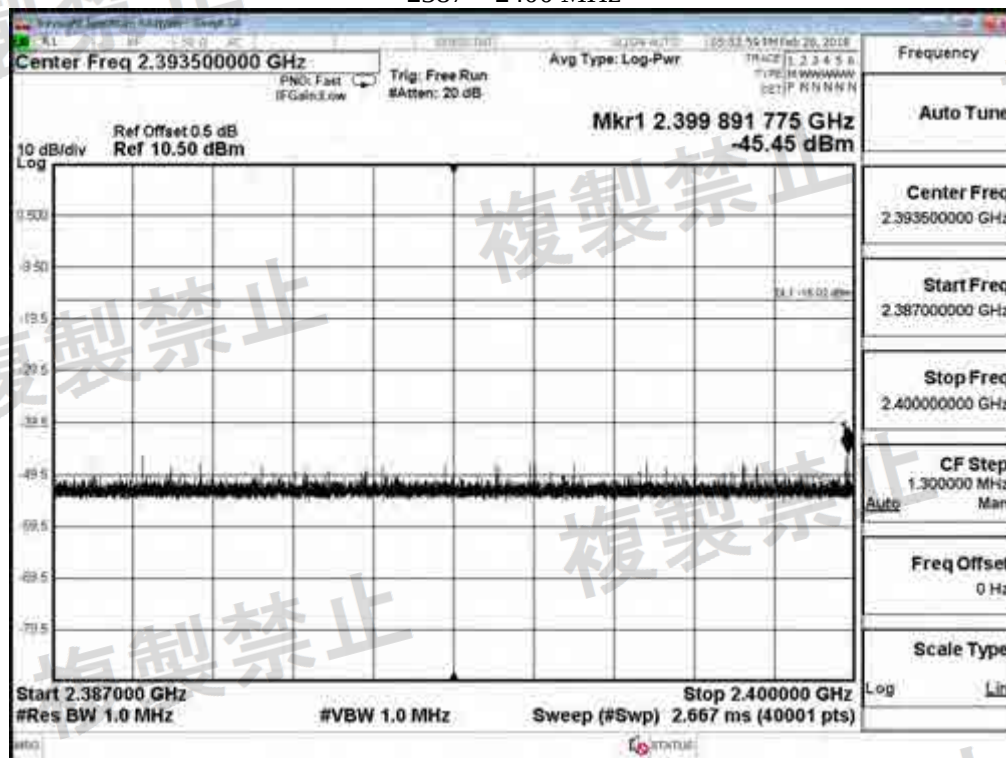
30-1000MHz



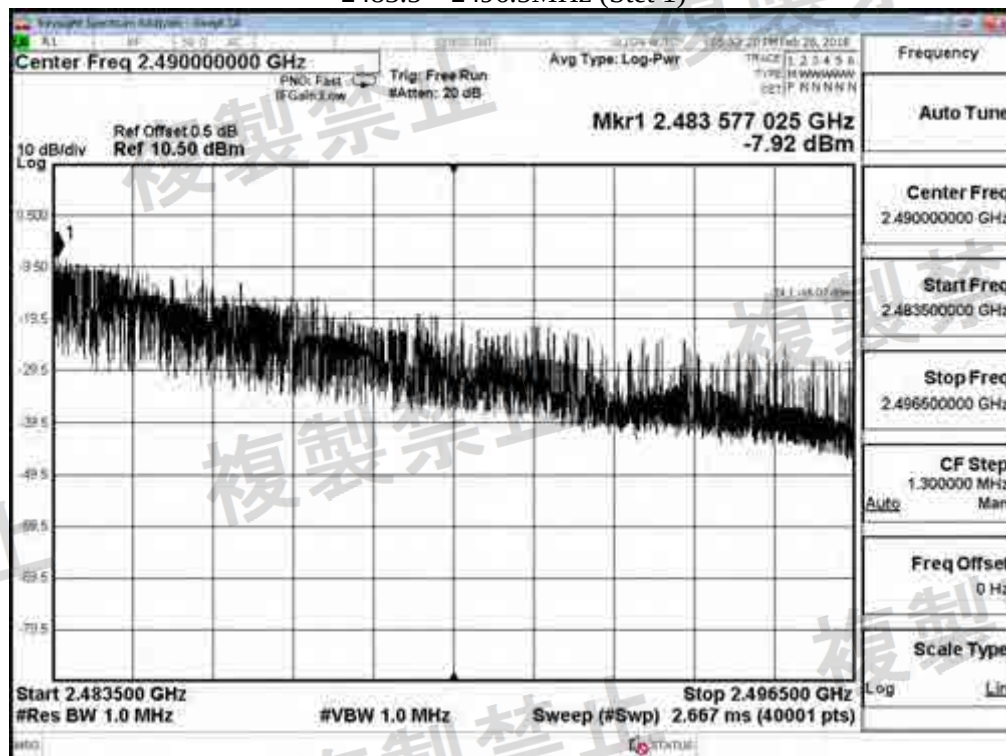
1000- 2387MHz



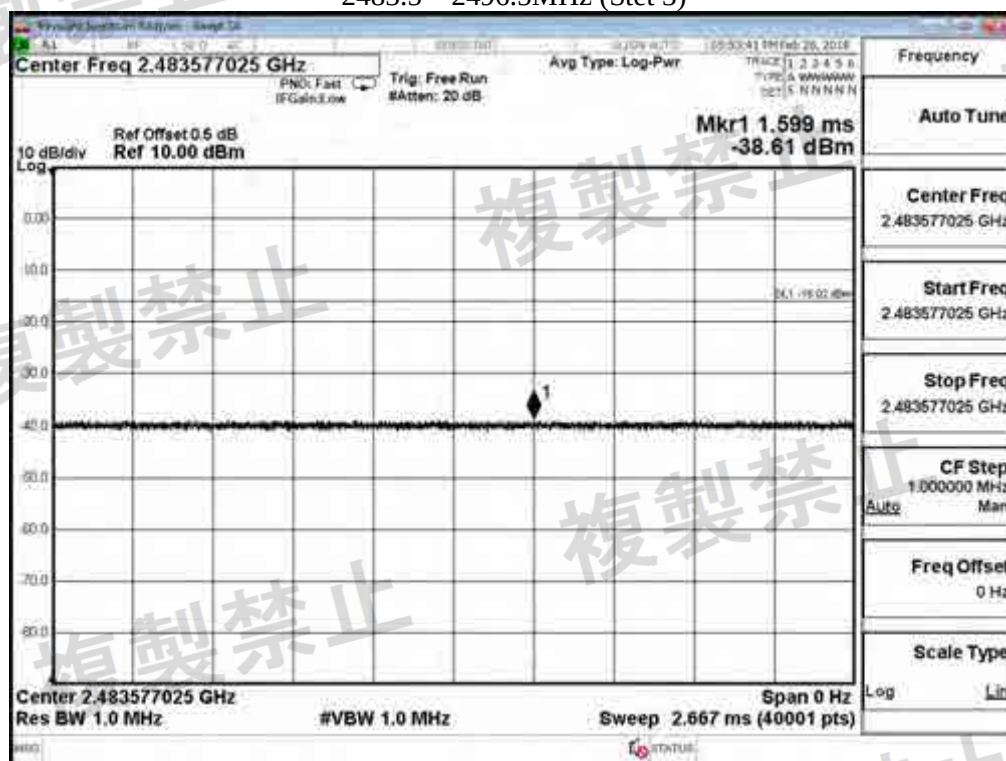
2387 – 2400 MHz



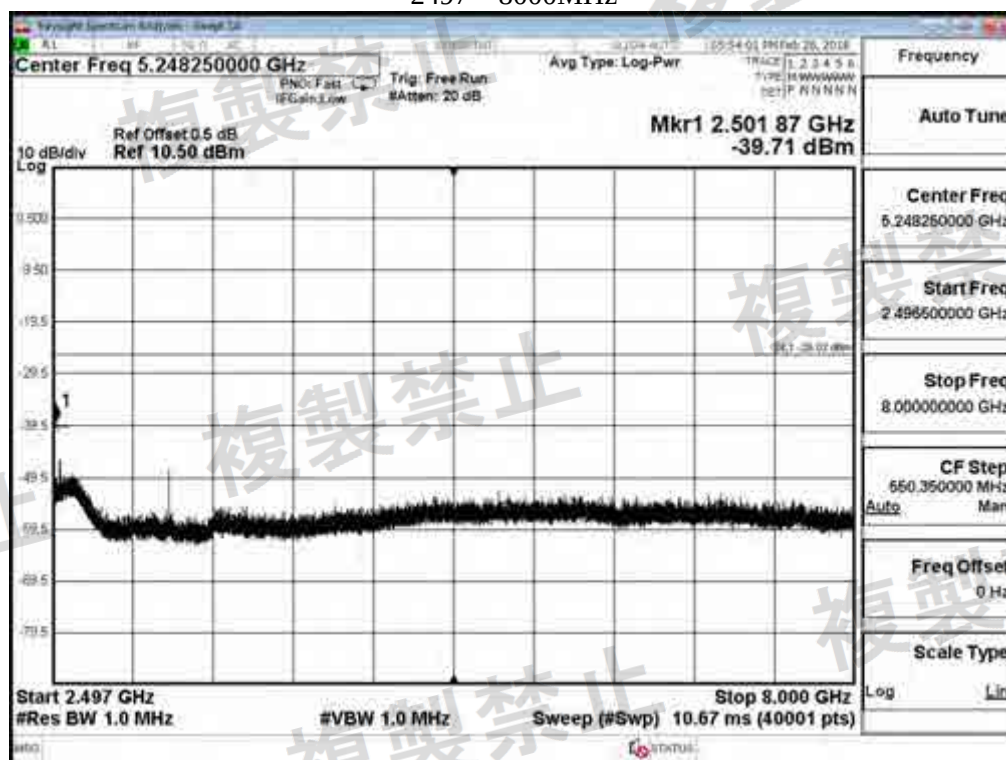
2483.5 – 2496.5MHz (Stet 1)



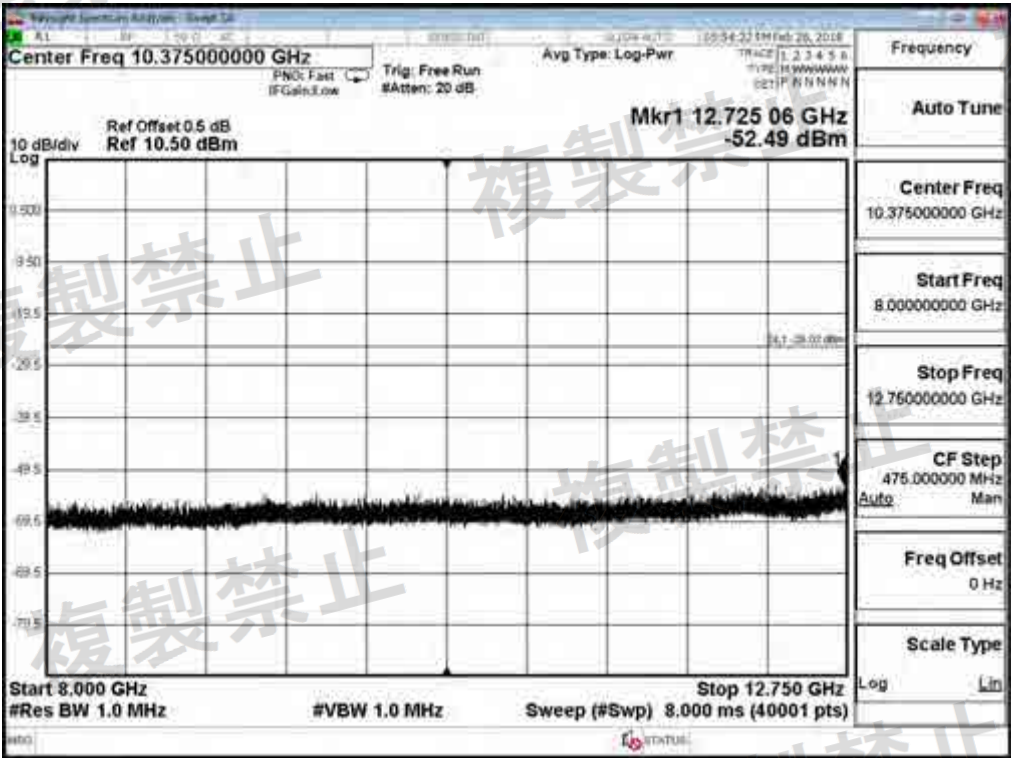
2483.5 – 2496.5MHz (Stet 3)



2497 – 8000MHz



8000 – 12750MHz

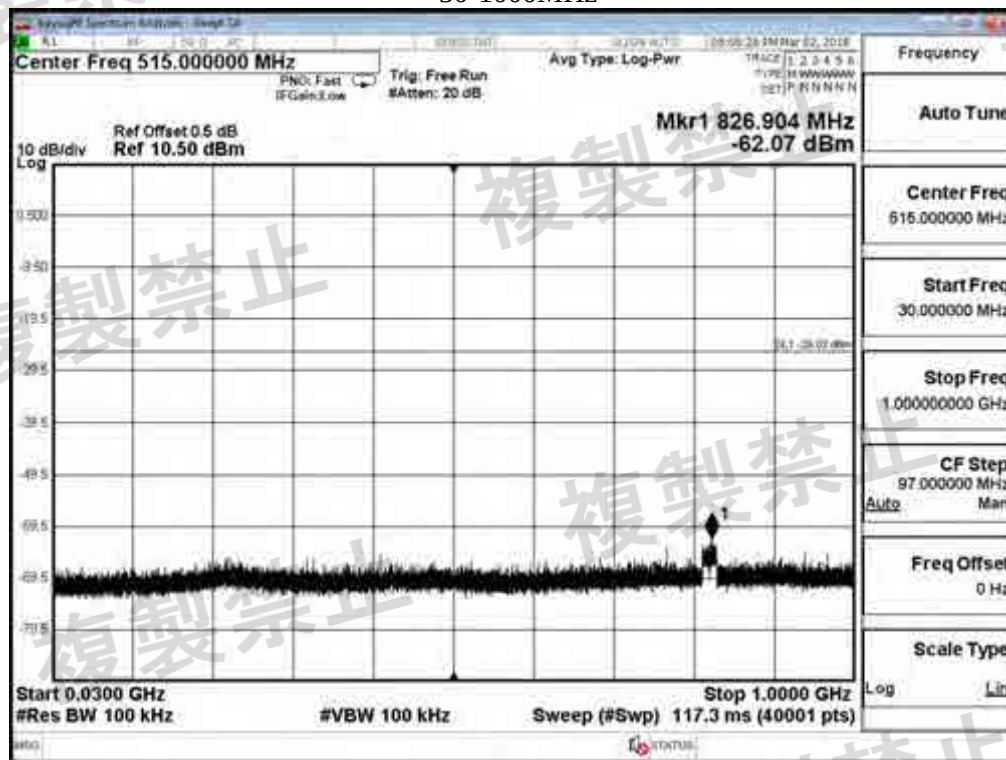


Product : Gateway
Test Item : Transmitter Spurious Emissions
Test Mode : Mode 1: Transmitter (802.11n MCS8 20MBW)_3.63V- 2472MHz

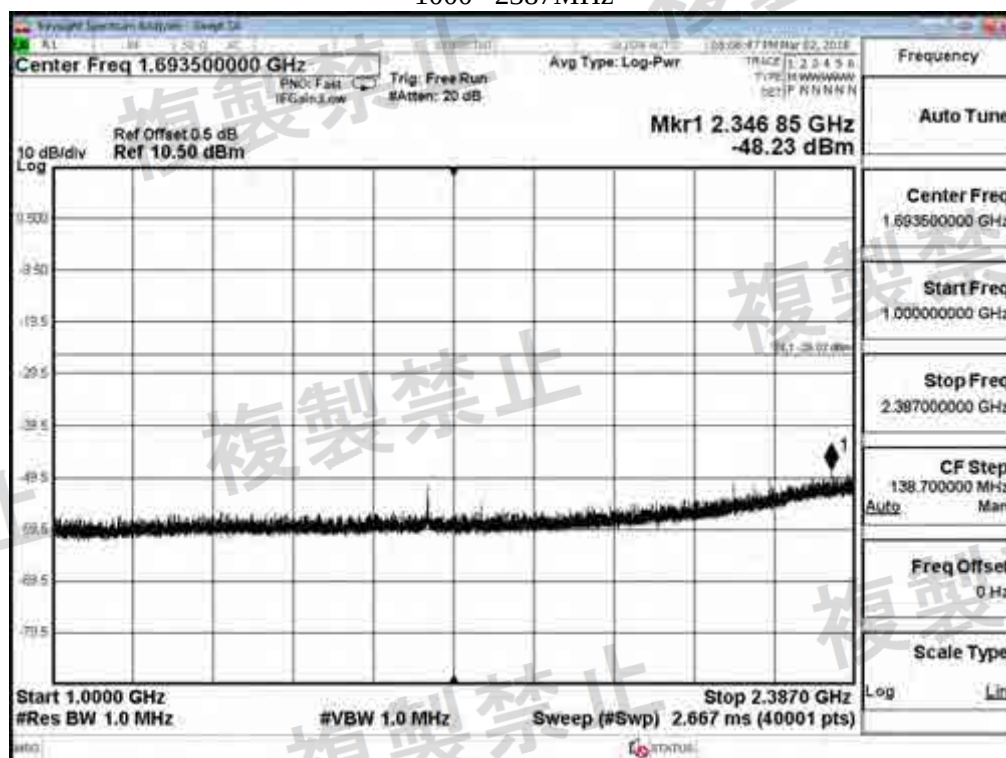
Chain B

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-62.07	-26 (2.5uW)
1000 – 2387	-48.23	-26 (2.5uW)
2387 – 2400	-44.80	-16 (25uW)
2483.5 – 2496.5	-32.26	-16 (25uW)
2497 – 8000	-30.81	-26 (2.5uW)
8000 – 12750	-52.15	-26 (2.5uW)

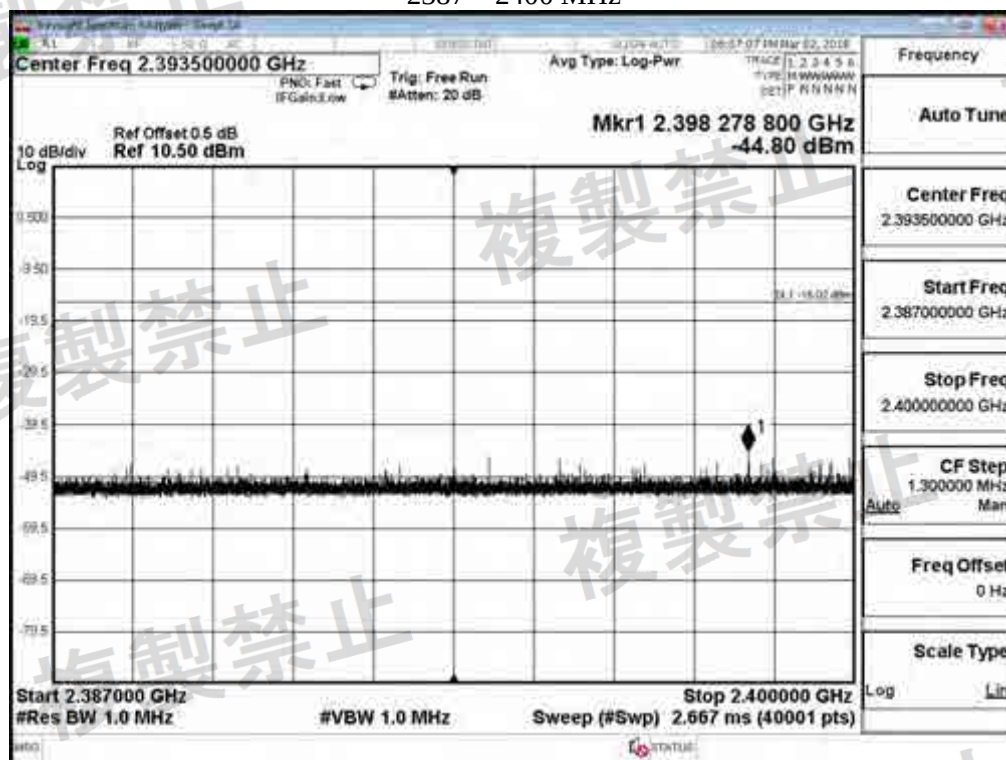
30-1000MHz



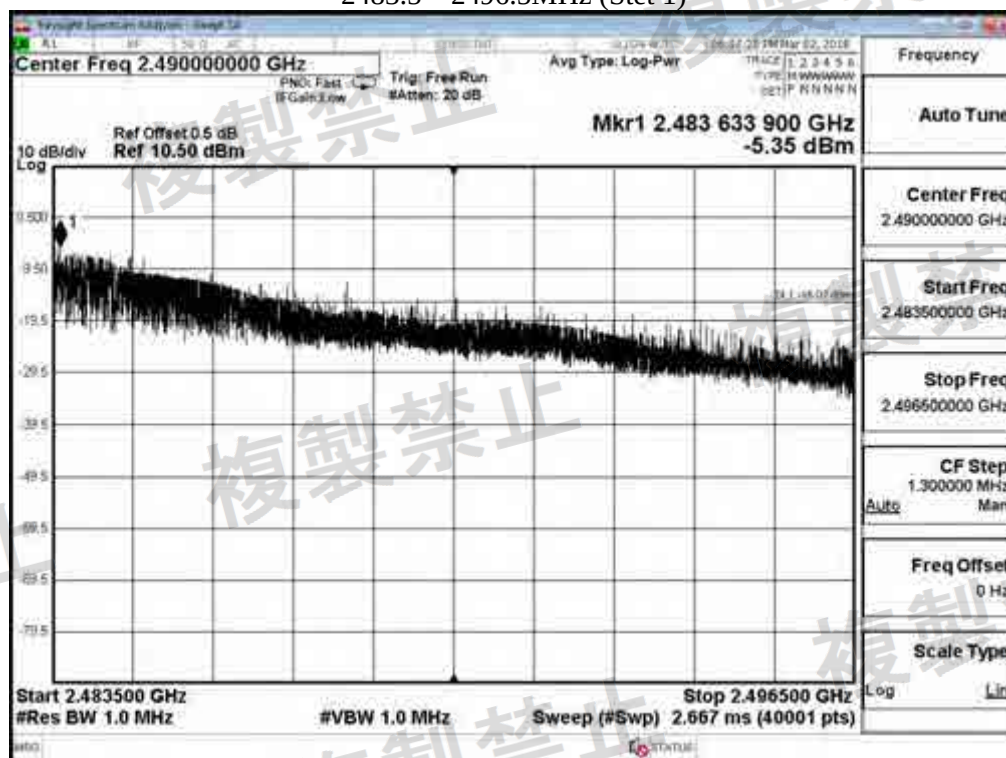
1000- 2387MHz



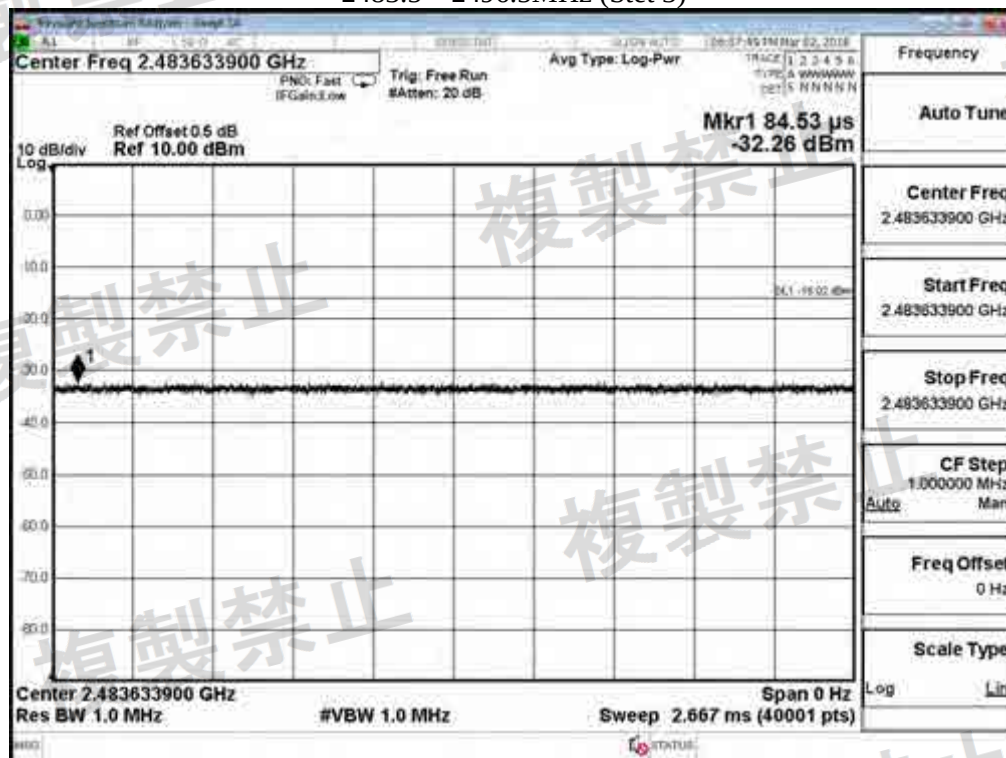
2387 – 2400 MHz



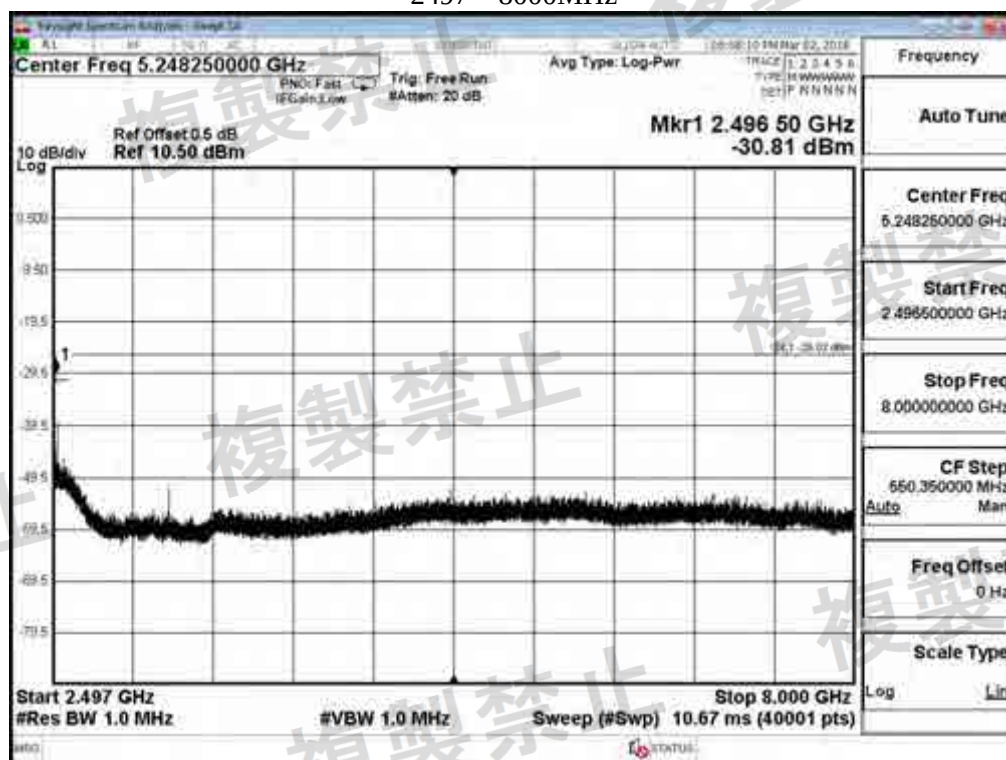
2483.5 – 2496.5MHz (Stet 1)



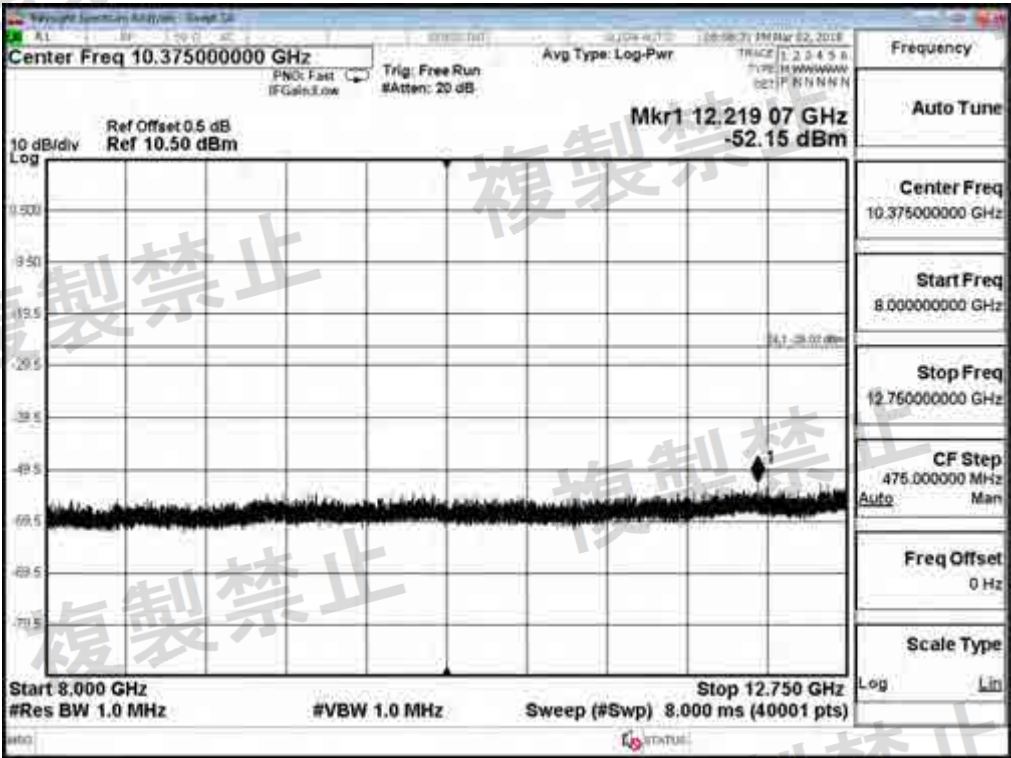
2483.5 – 2496.5MHz (Stet 3)



2497 – 8000MHz



8000 – 12750MHz

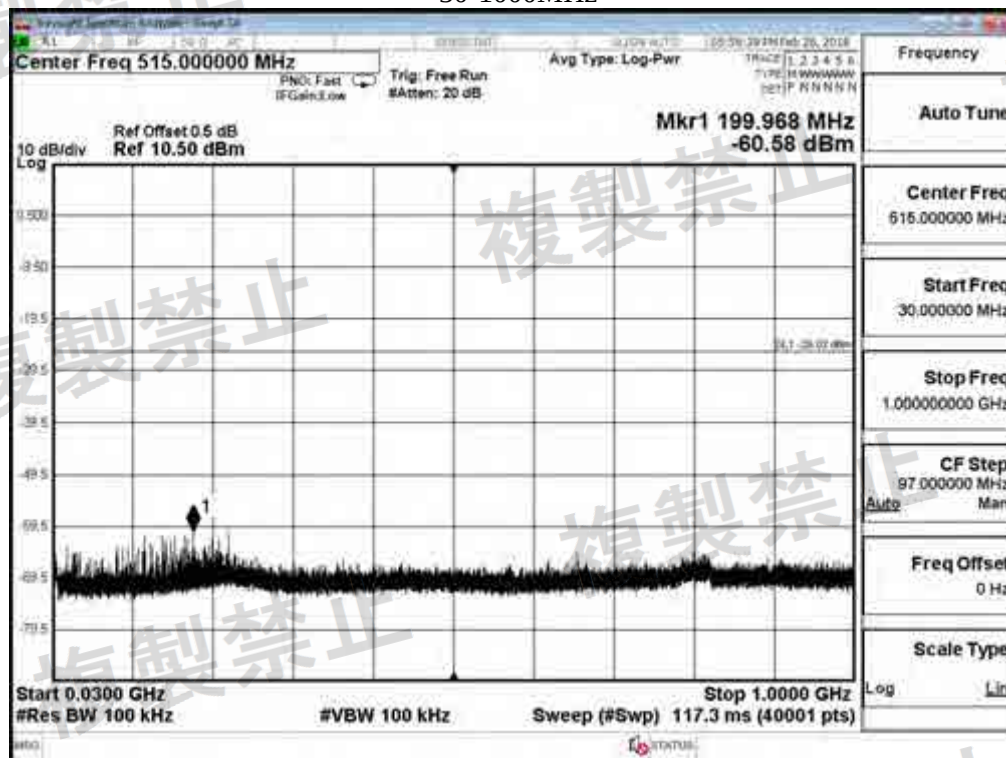


Product : Gateway
Test Item : Transmitter Spurious Emissions
Test Mode : Mode 1: Transmitter (802.11n MCS8 40MBW)_3.63V-2422MHz

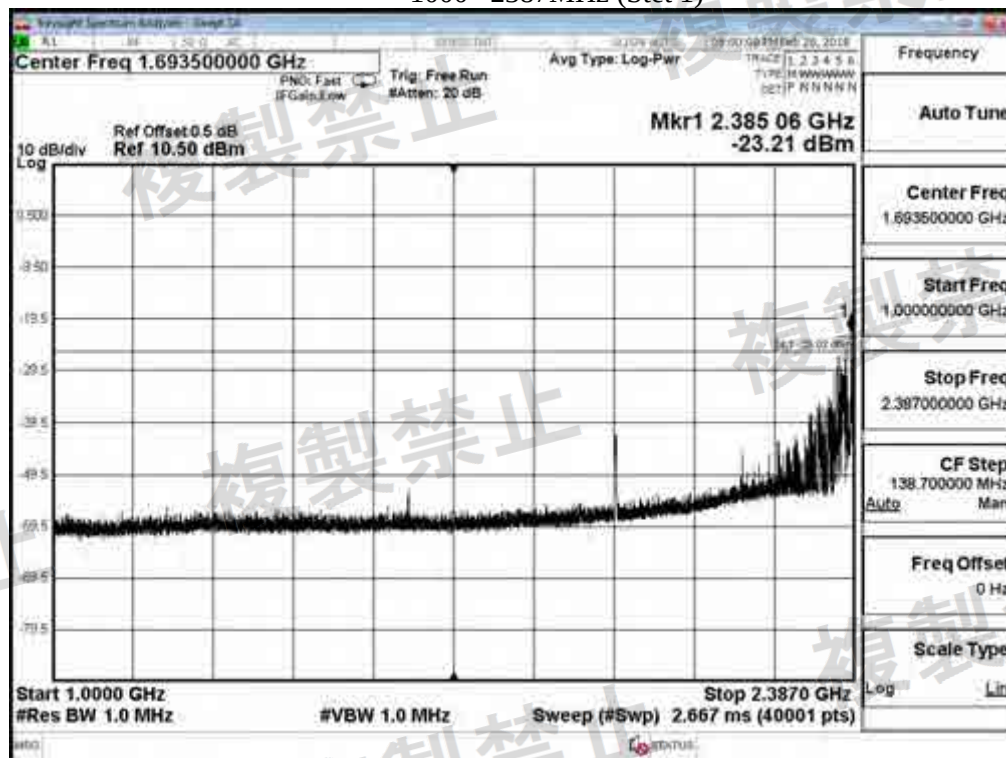
Chain A

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-60.58	-26 (2.5uW)
1000 – 2387	-51.65	-26 (2.5uW)
2387 – 2400	-38.78	-16 (25uW)
2483.5 – 2496.5	-23.96	-16 (25uW)
2497 – 8000	-29.87	-26 (2.5uW)
8000 – 12750	-51.20	-26 (2.5uW)

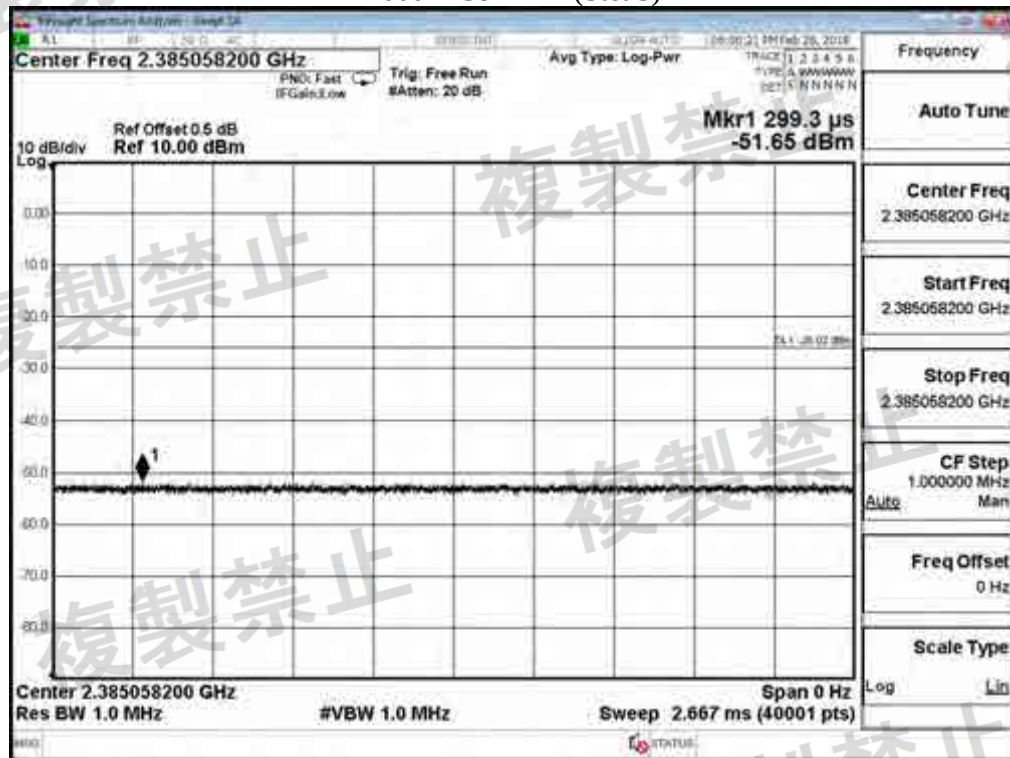
30-1000MHz



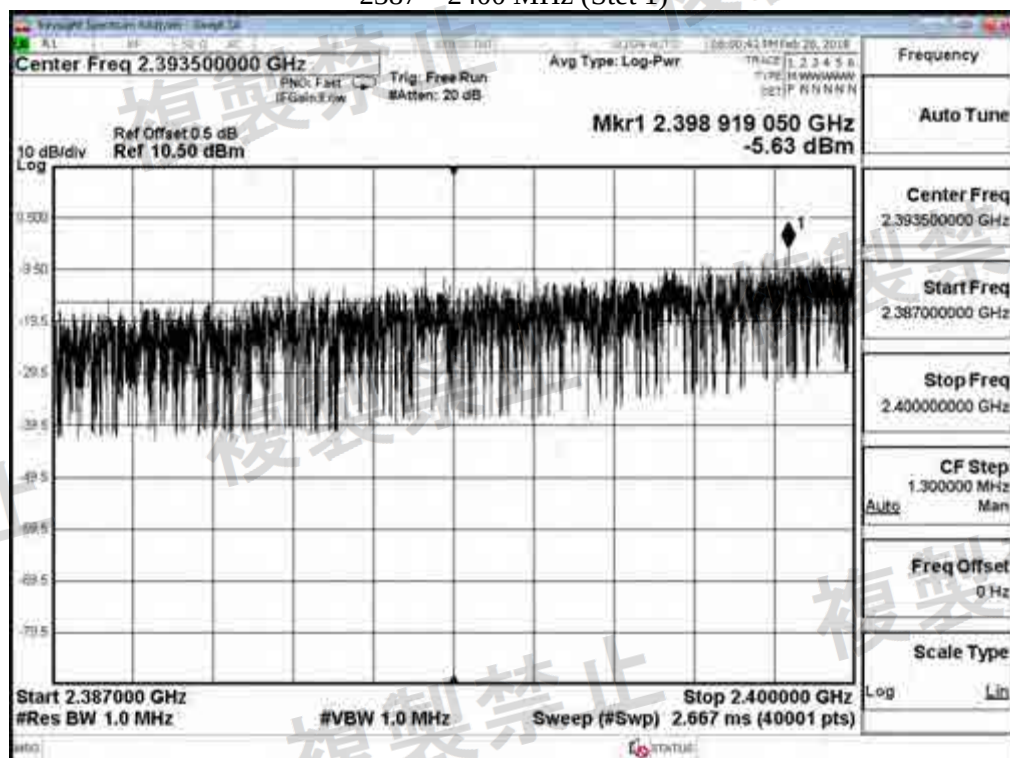
1000– 2387MHz (Stet 1)



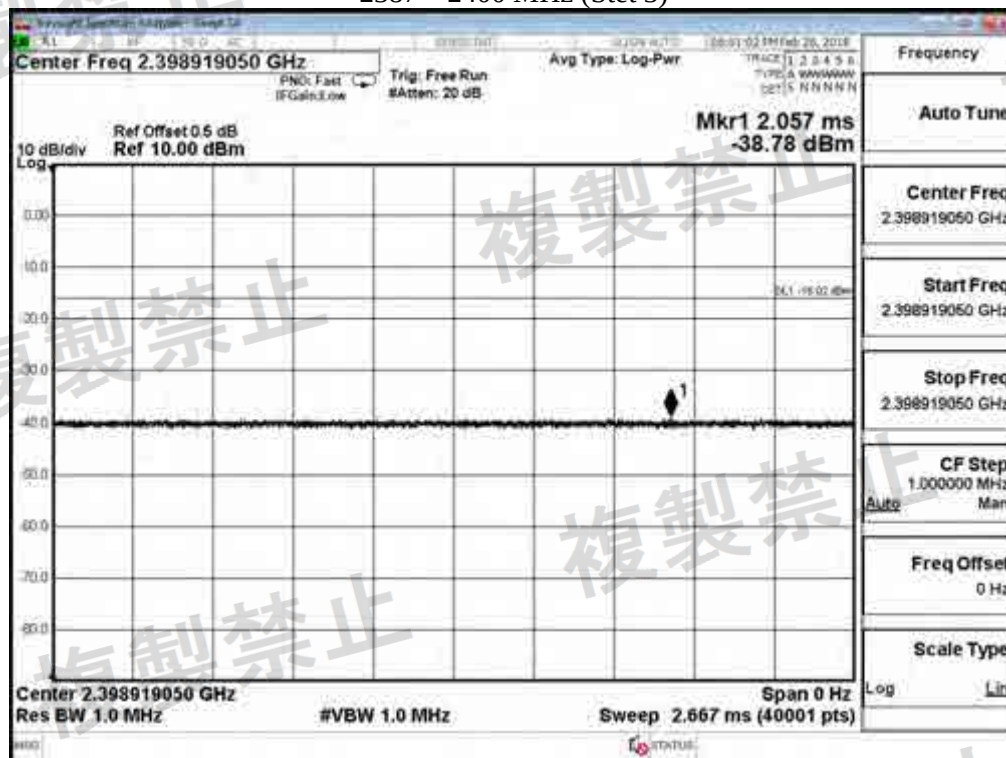
1000– 2387MHz (Stet 3)



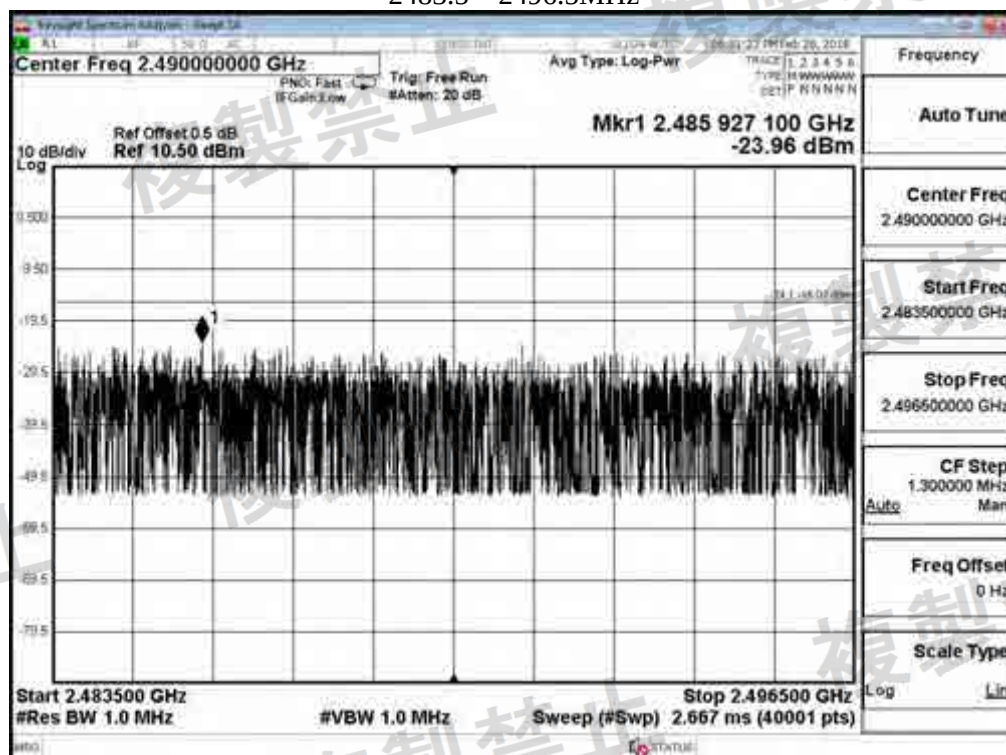
2387 – 2400 MHz (Stet 1)



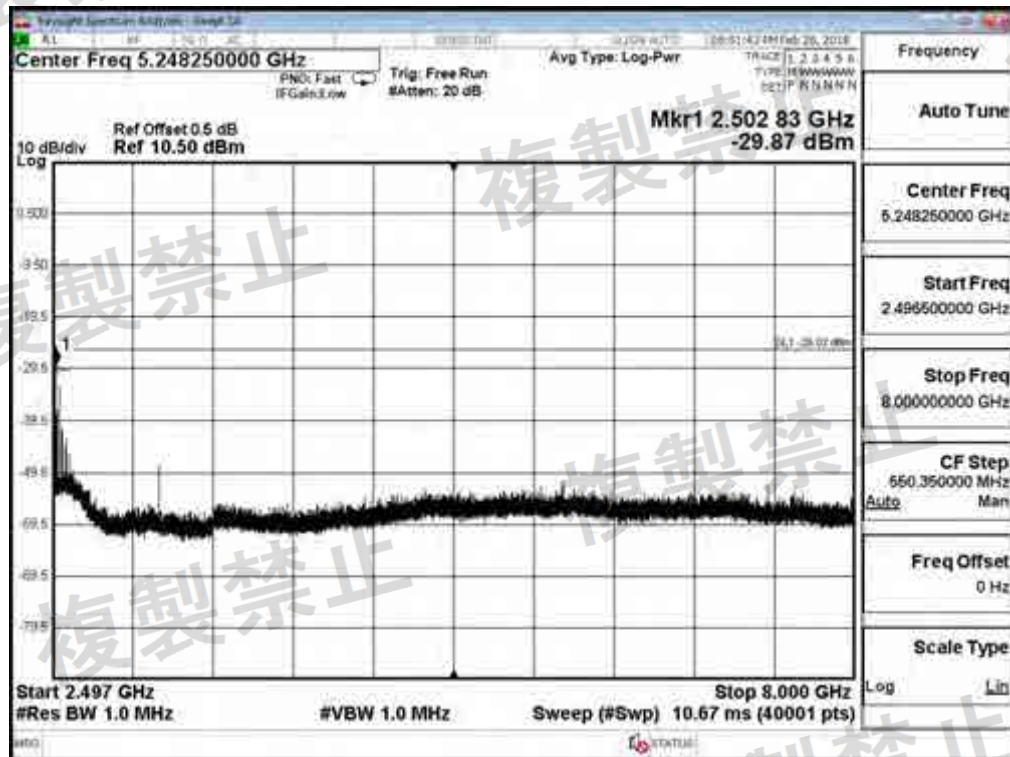
2387 – 2400 MHz (Stet 3)



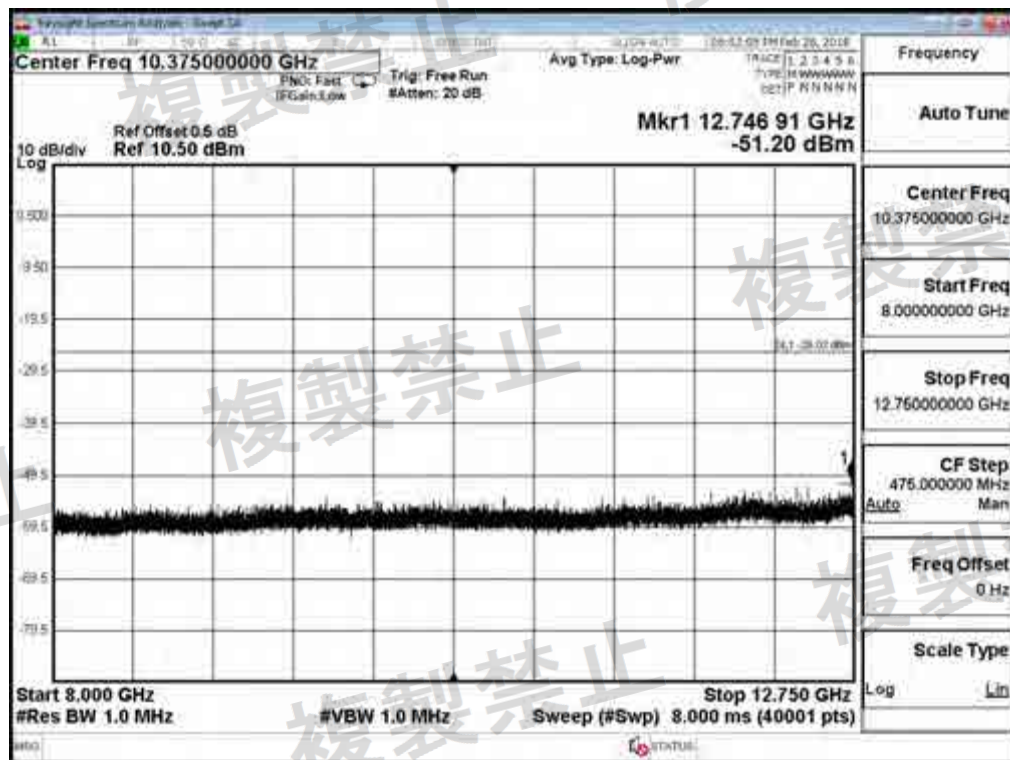
2483.5 – 2496.5 MHz



2497 – 8000MHz



8000 – 12750MHz

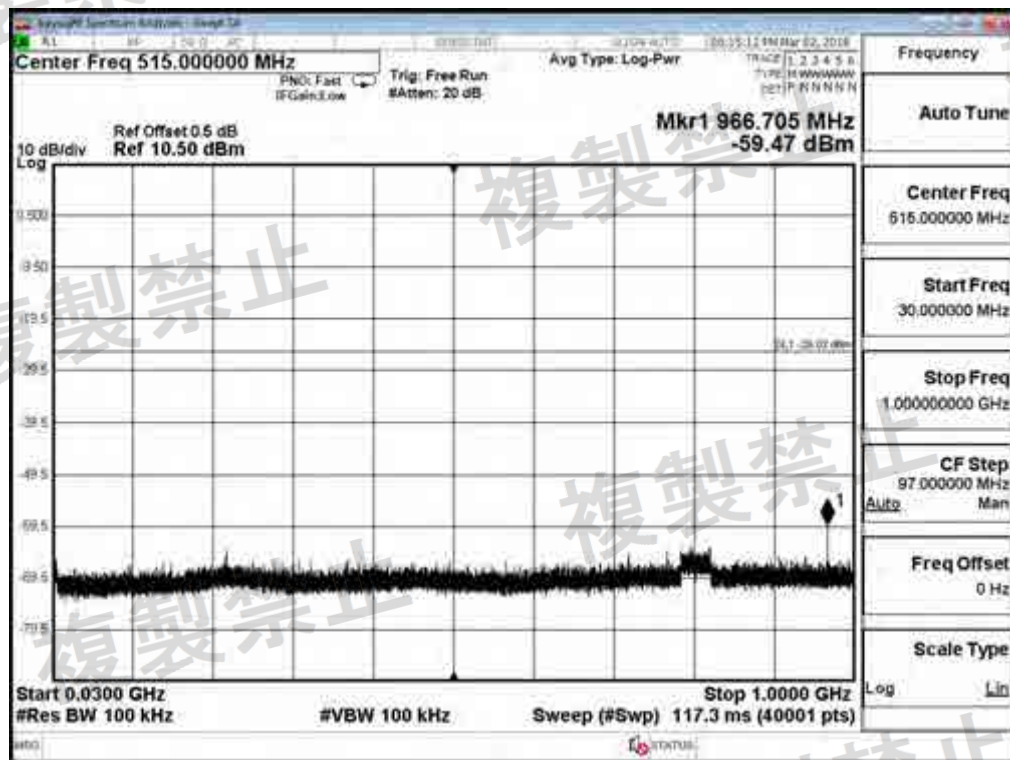


Product : Gateway
Test Item : Transmitter Spurious Emissions
Test Mode : Mode 1: Transmitter (802.11n MCS8 40MBW)_3.63V- 2422MHz

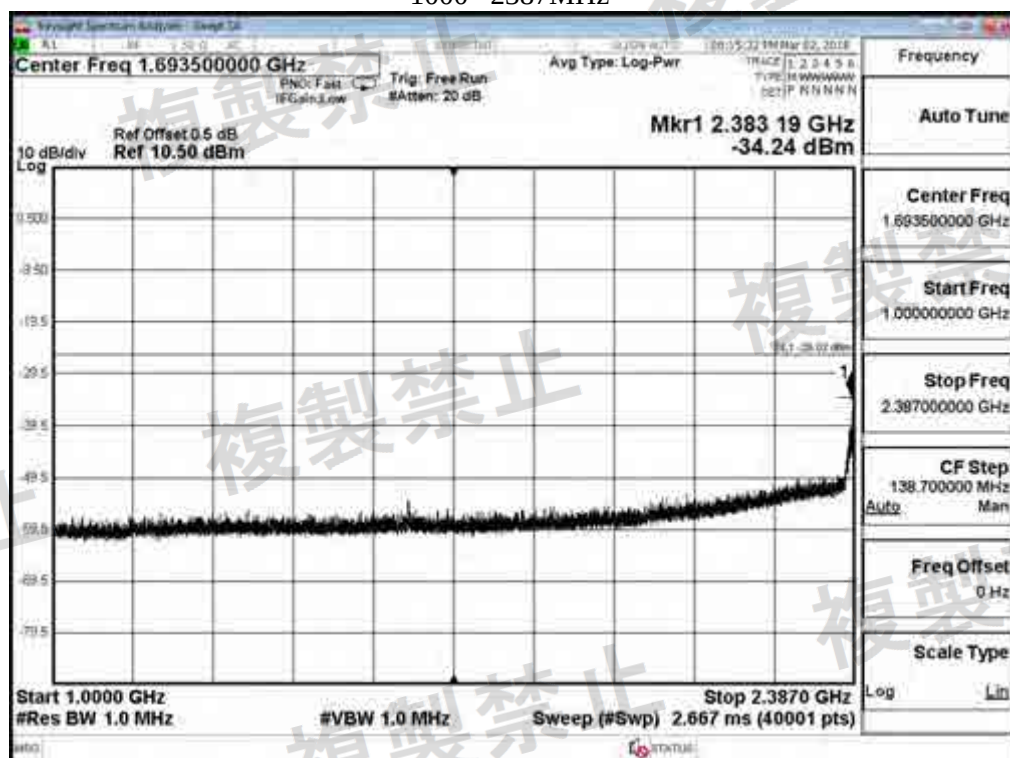
Chain B

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-59.47	-26 (2.5uW)
1000 – 2387	-34.24	-26 (2.5uW)
2387 – 2400	-36.15	-16 (25uW)
2483.5 – 2496.5	-36.10	-16 (25uW)
2496.5 – 8000	-45.62	-26 (2.5uW)
8000 – 12750	-52.54	-26 (2.5uW)

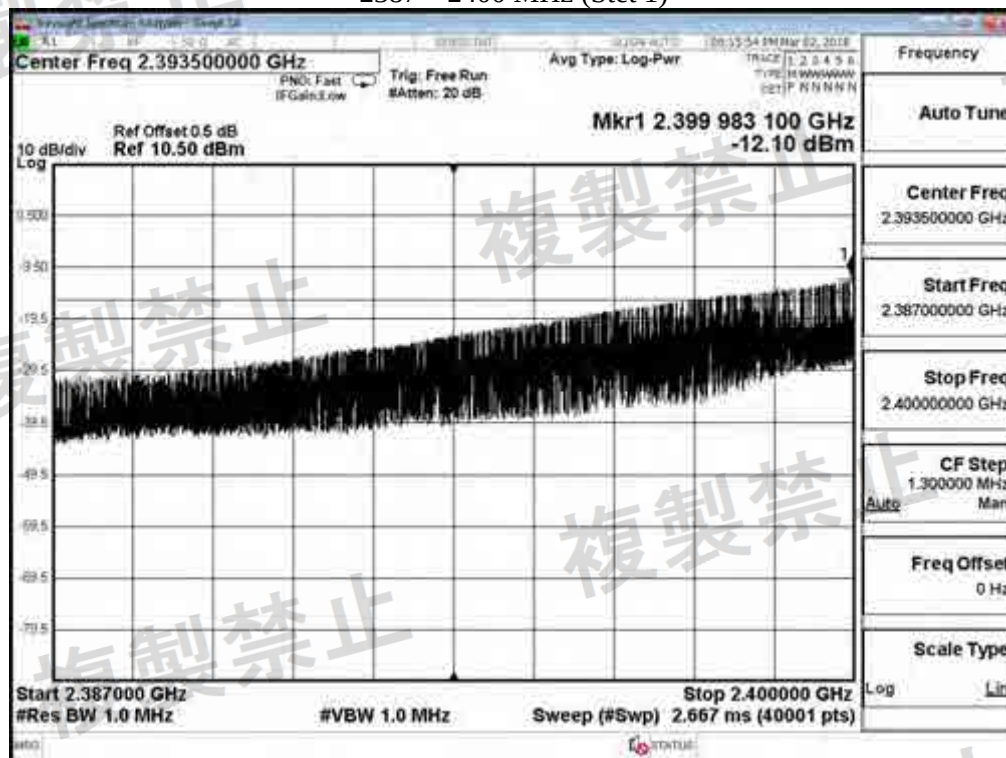
30-1000MHz



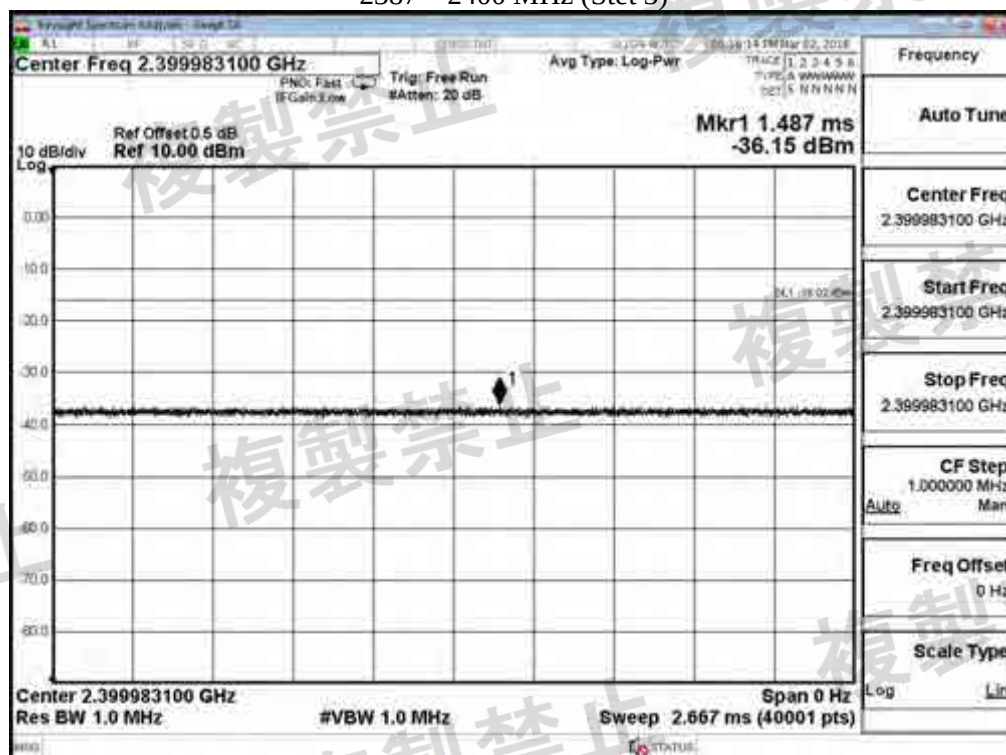
1000– 2387MHz



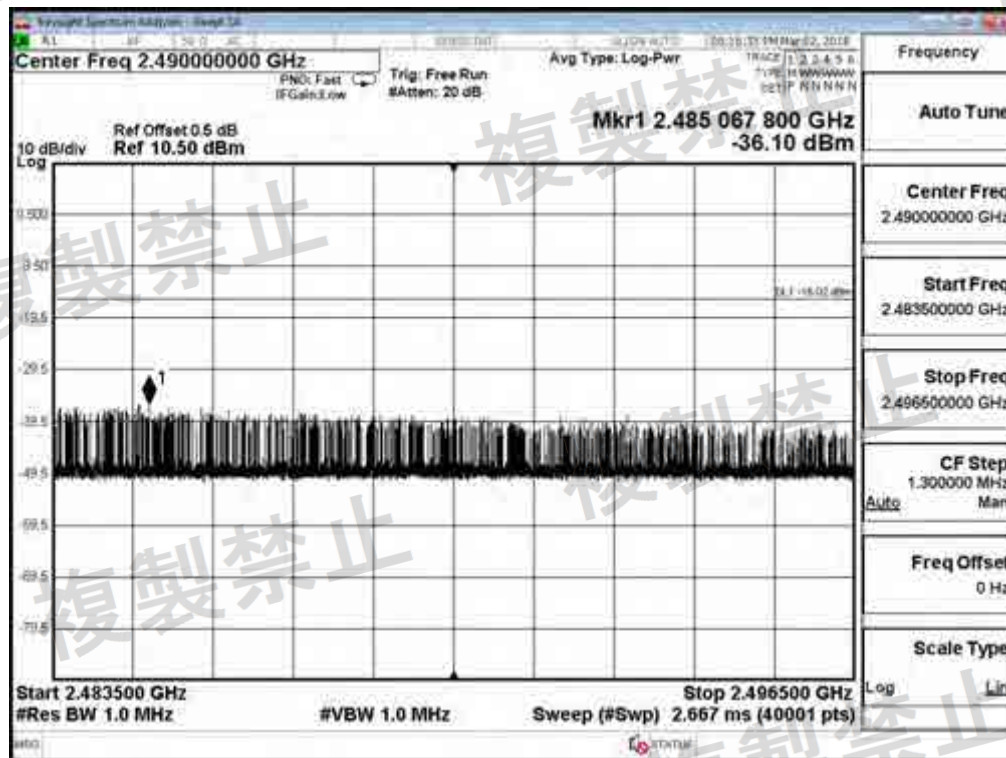
2387 – 2400 MHz (Stet 1)



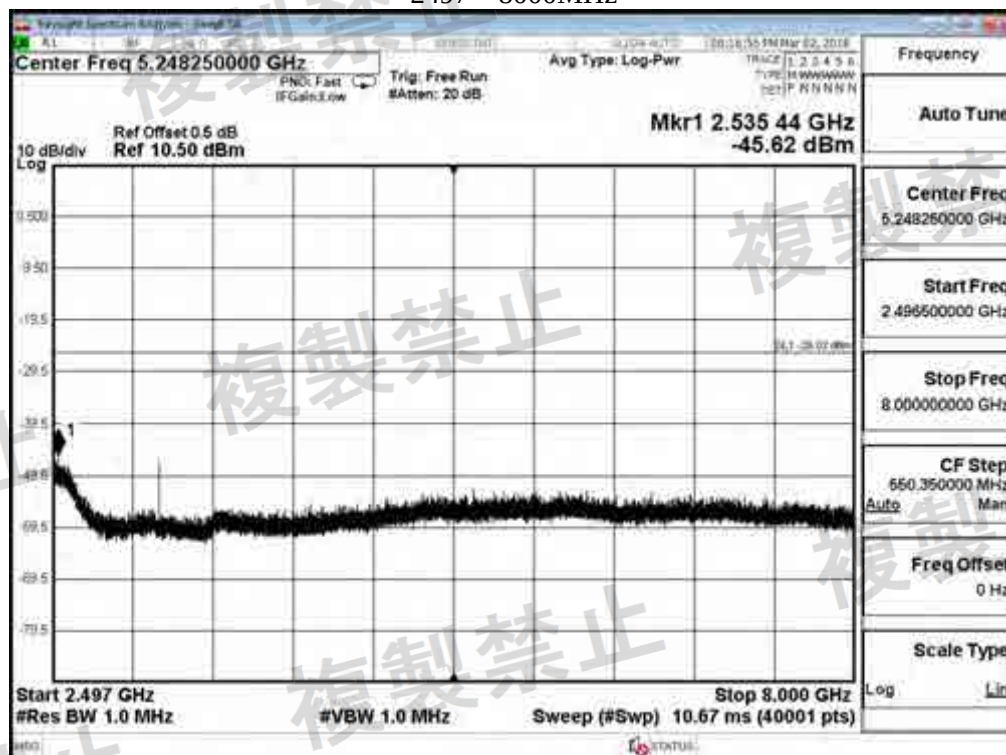
2387 – 2400 MHz (Stet 3)



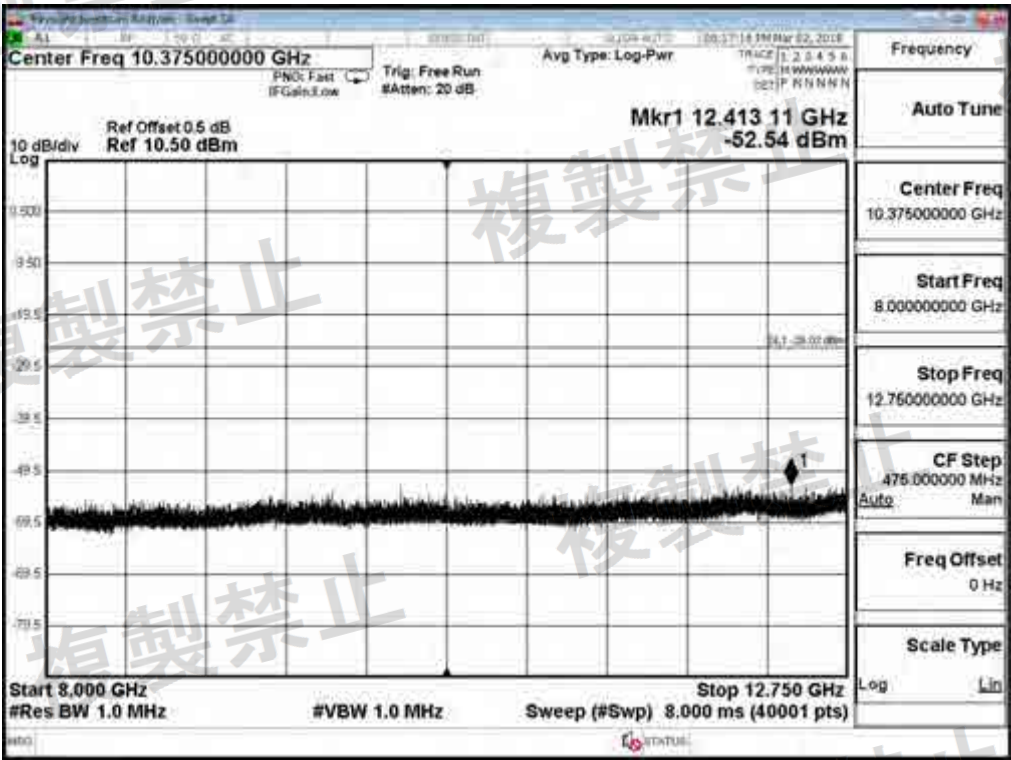
2483.5 – 2496.5MHz



2497 – 8000MHz



8000 – 12750MHz

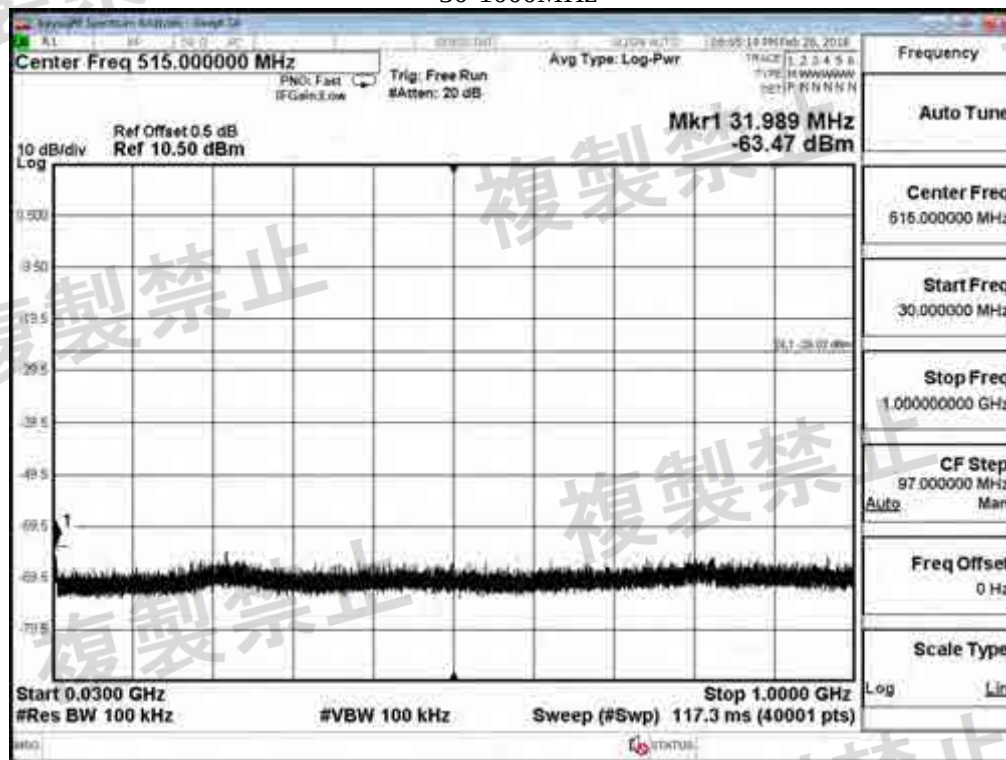


Product : Gateway
Test Item : Transmitter Spurious Emissions
Test Mode : Mode 1: Transmitter (802.11n MCS8 40MBW)_3.63V– 2437MHz

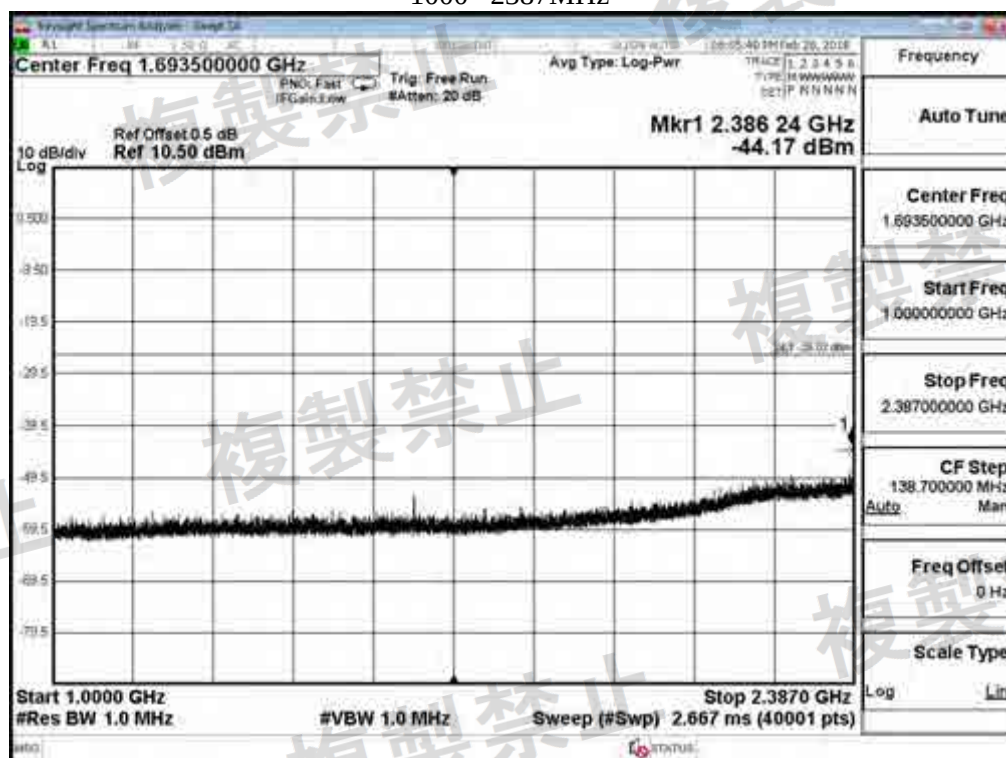
Chain A

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-63.47	-26 (2.5uW)
1000 – 2387	-44.17	-26 (2.5uW)
2387 – 2400	-35.14	-16 (25uW)
2483.5 – 2496.5	-38.83	-16 (25uW)
2497 – 8000	-48.36	-26 (2.5uW)
8000 – 12750	-52.53	-26 (2.5uW)

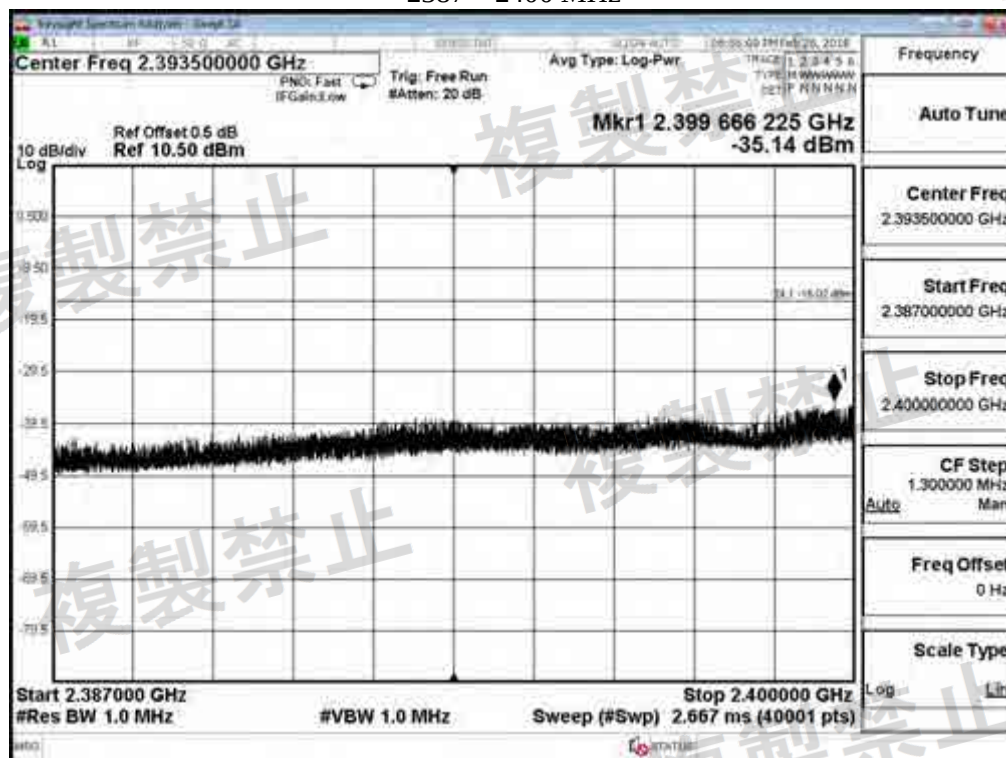
30-1000MHz



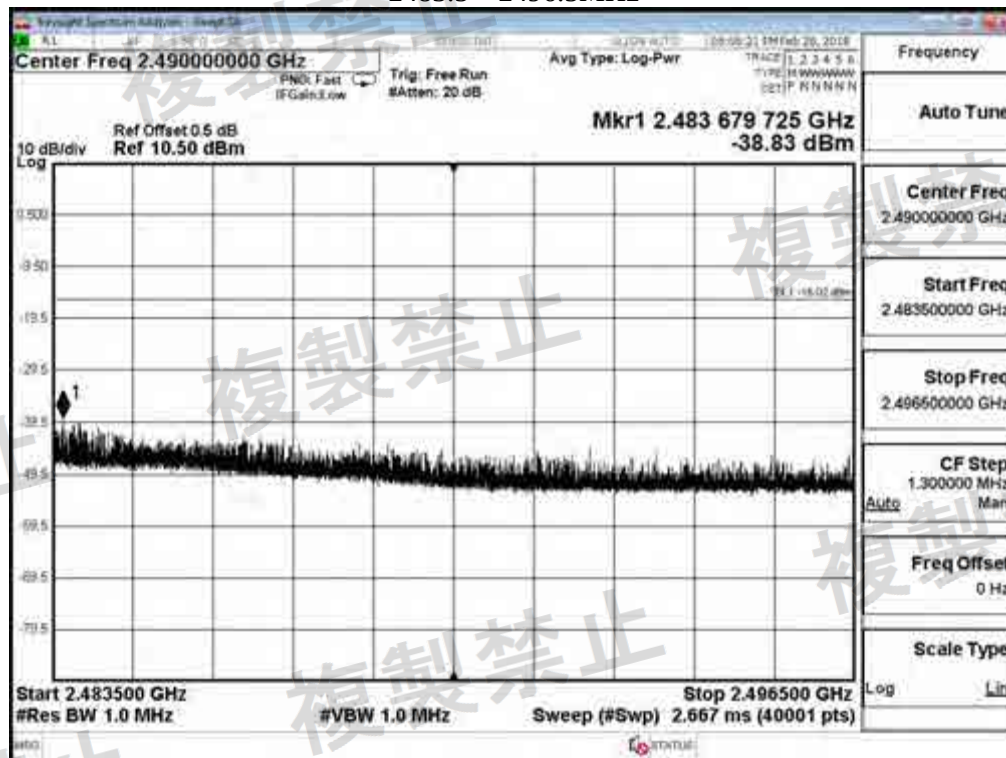
1000- 2387MHz



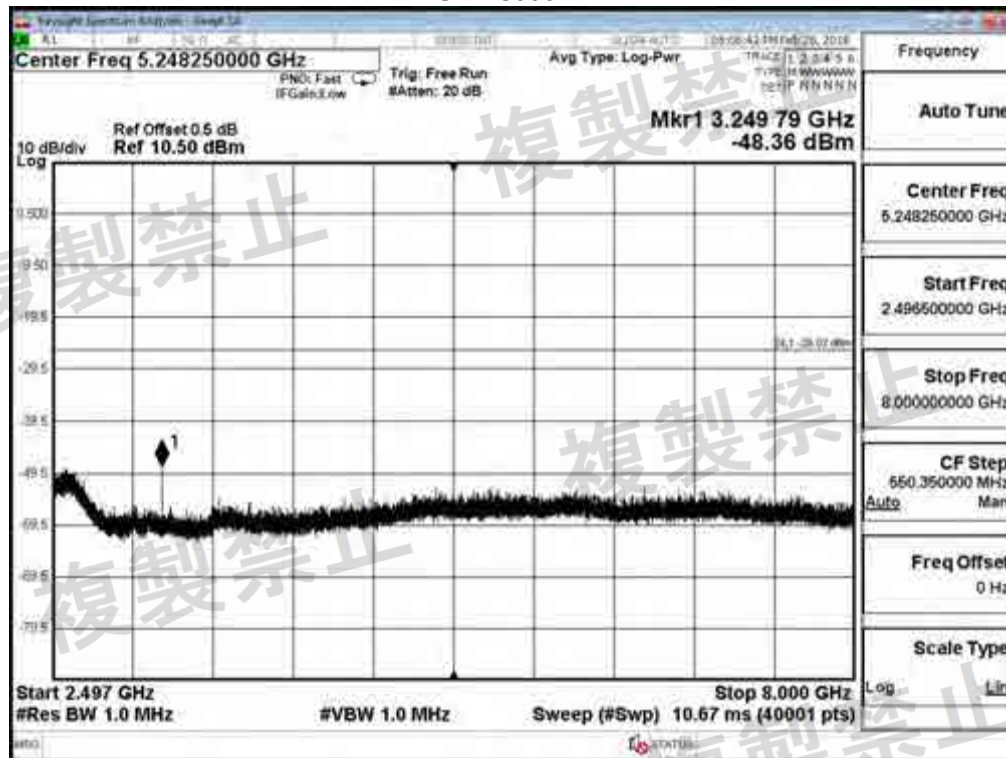
2387 – 2400 MHz



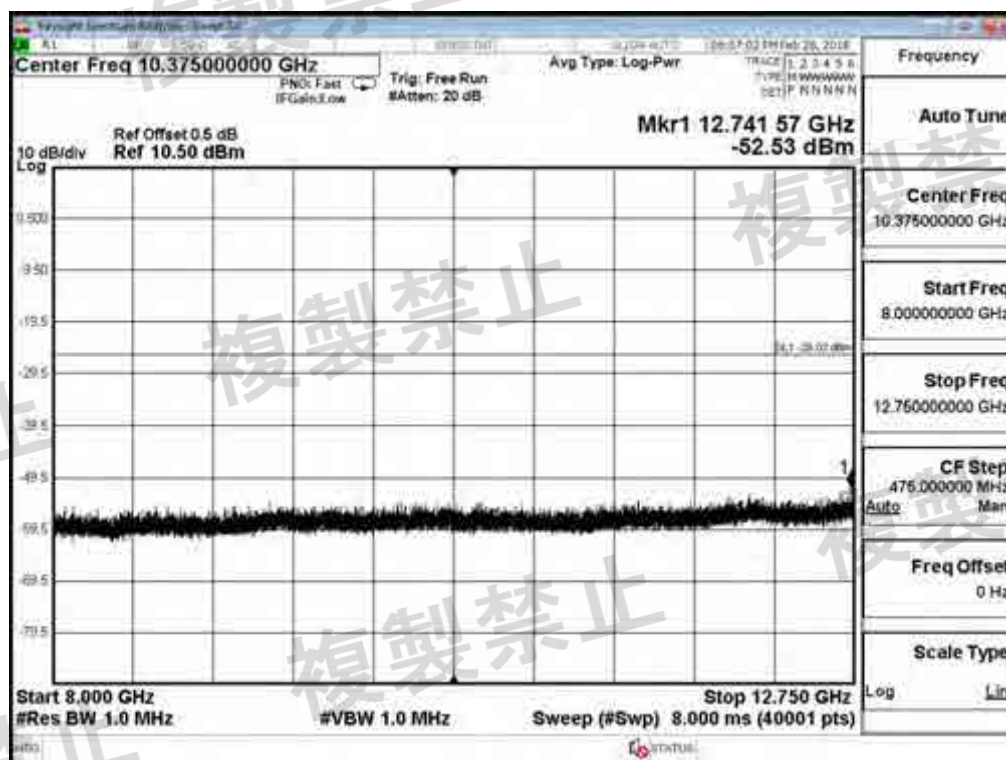
2483.5 – 2496.5 MHz



2497 – 8000MHz



8000 – 12750MHz

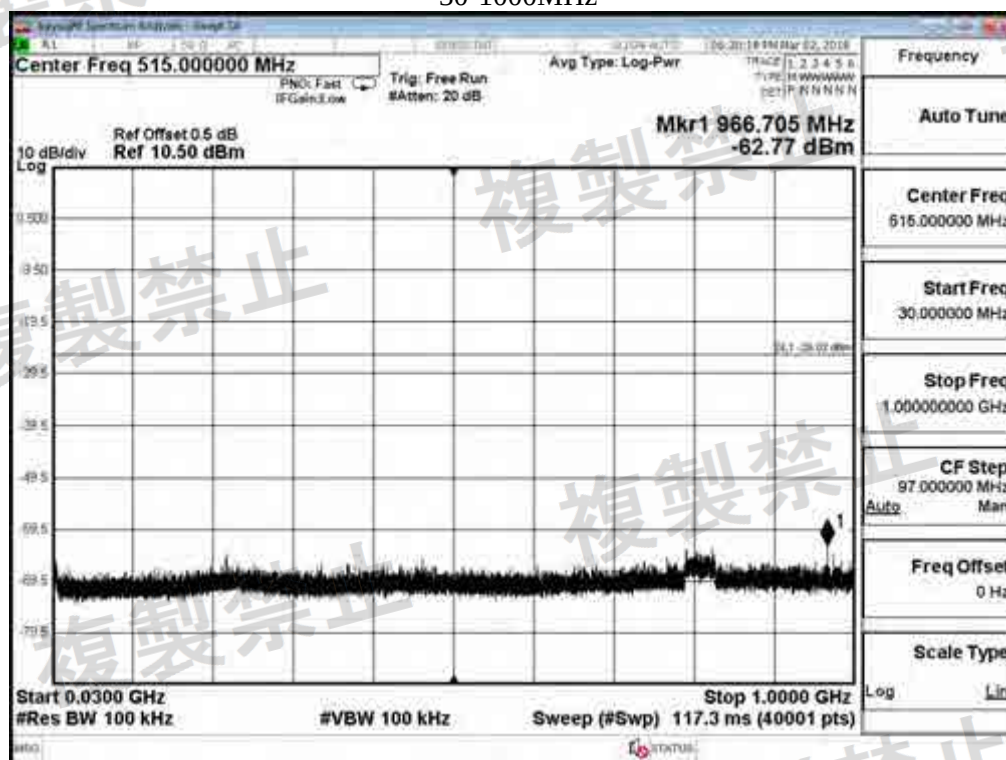


Product : Gateway
Test Item : Transmitter Spurious Emissions
Test Mode : Mode 1: Transmitter (802.11n MCS8 40MBW)_3.63V- 2437MHz

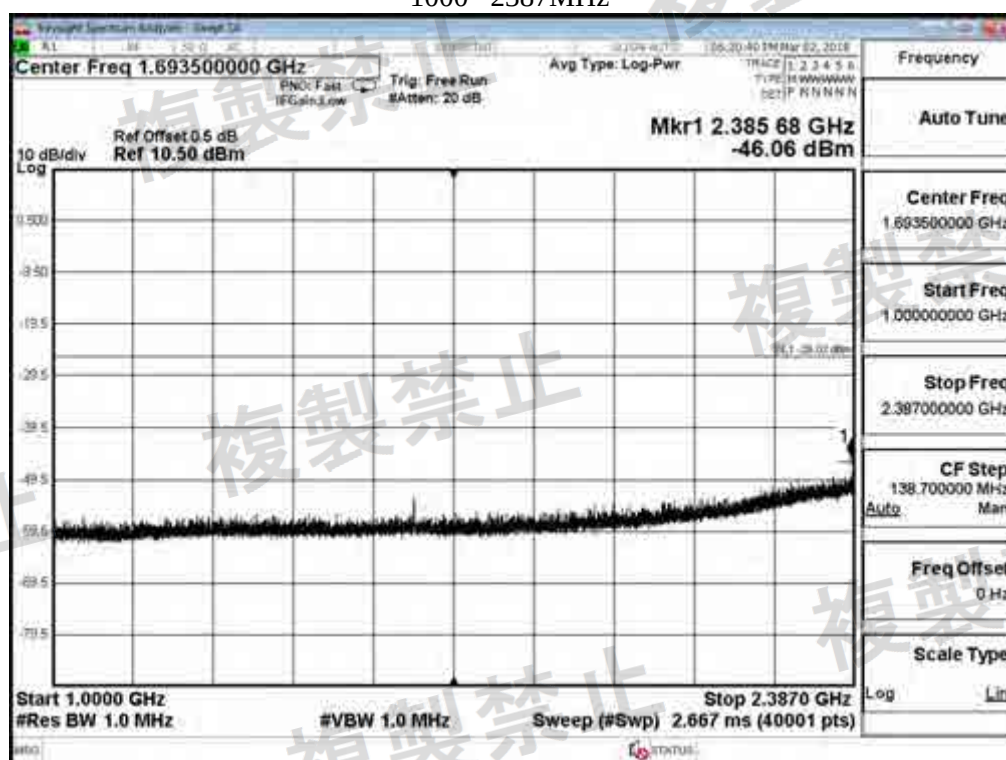
Chain B

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-62.77	-26 (2.5uW)
1000 – 2387	-46.06	-26 (2.5uW)
2387 – 2400	-36.05	-16 (25uW)
2483.5 – 2496.5	-31.63	-16 (25uW)
2497 – 8000	-42.25	-26 (2.5uW)
8000 – 12750	-52.62	-26 (2.5uW)

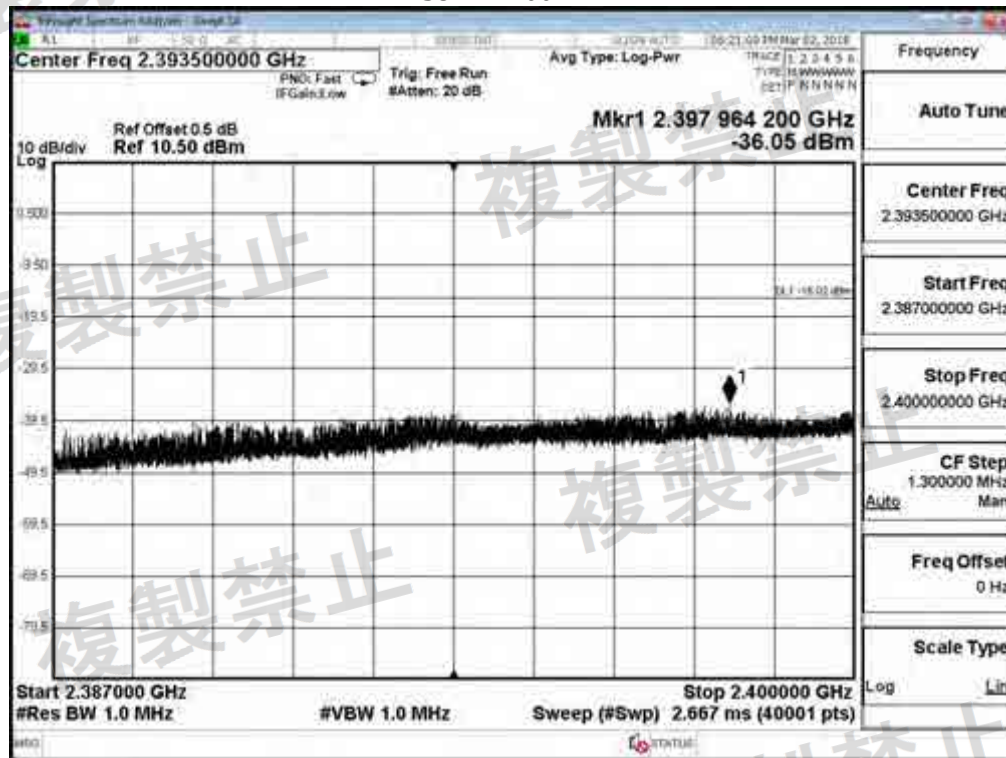
30-1000MHz



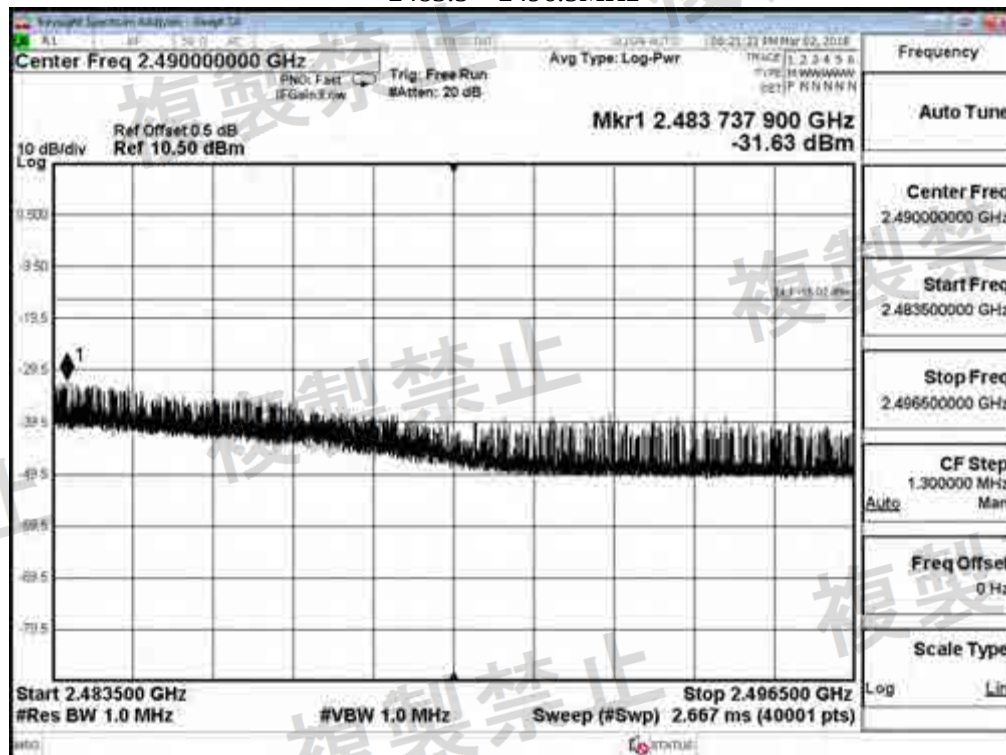
1000- 2387MHz



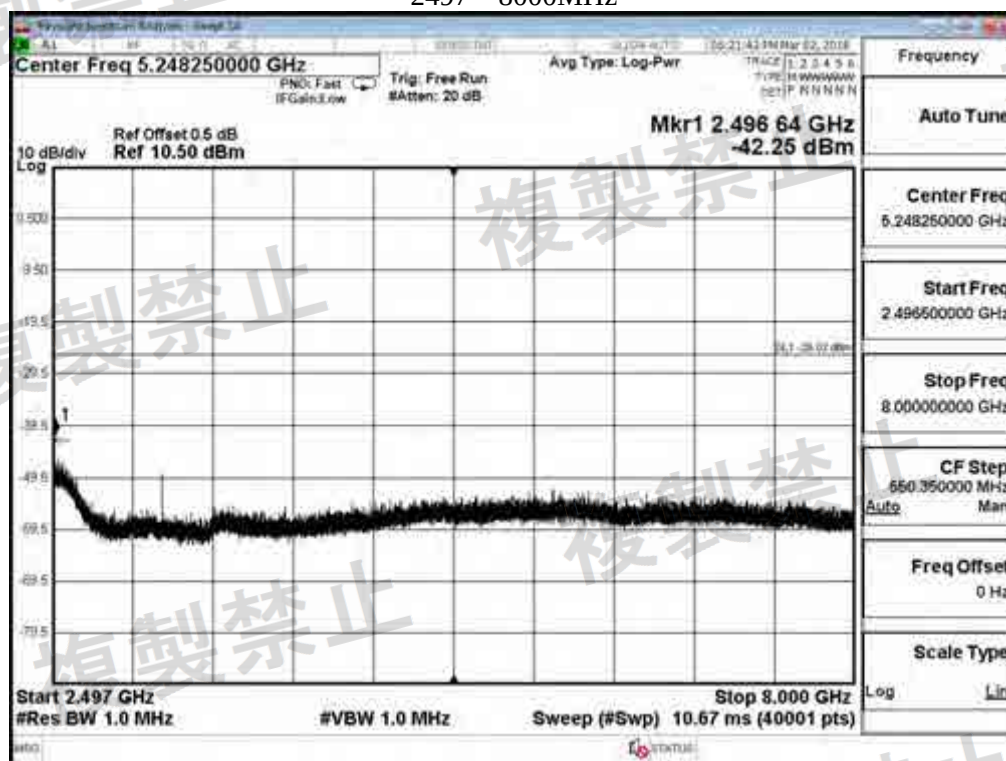
2387 – 2400 MHz



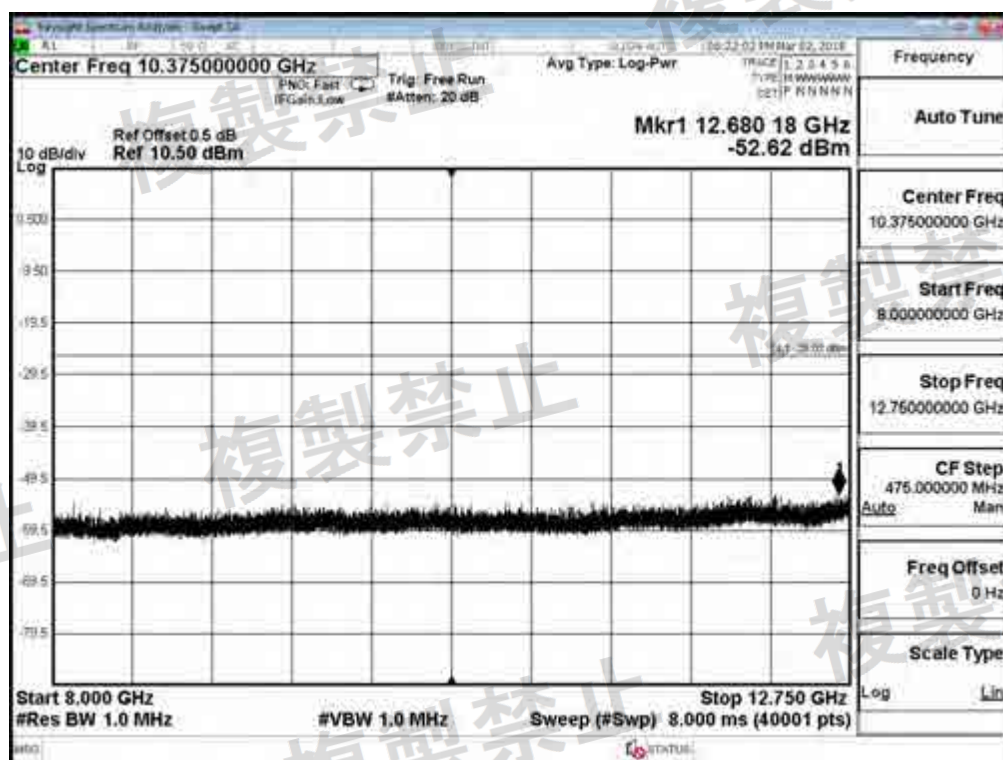
2483.5 – 2496.5 MHz



2497 – 8000MHz



8000 – 12750MHz

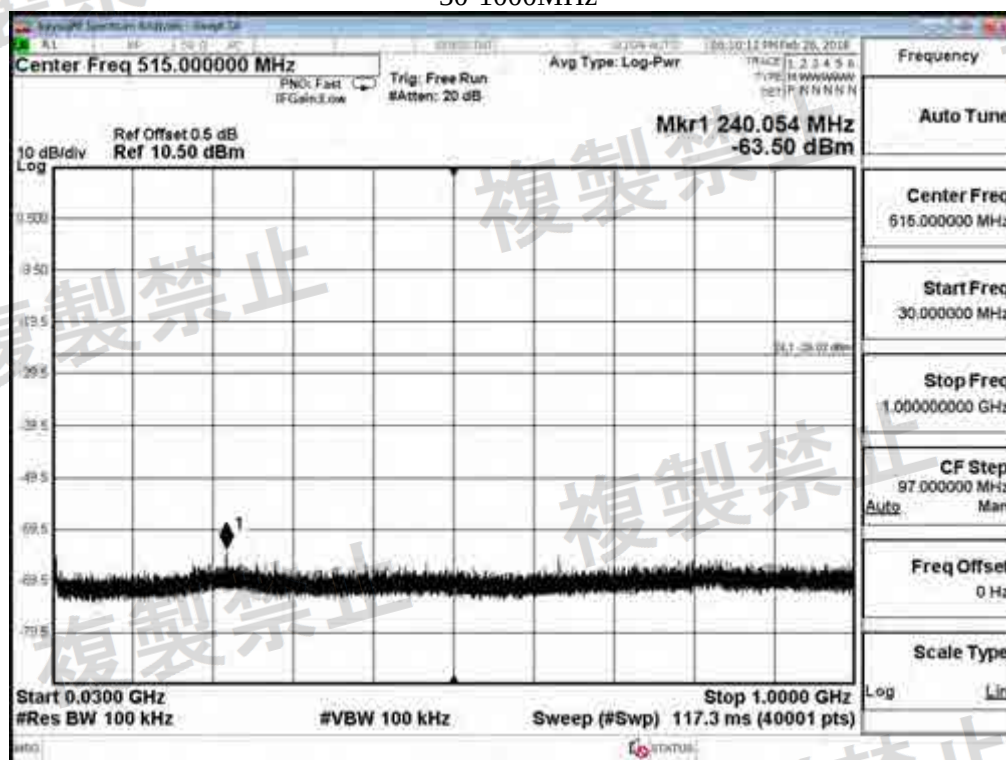


Product : Gateway
Test Item : Transmitter Spurious Emissions
Test Mode : Mode 1: Transmitter (802.11n MCS8 40MBW)_3.63V- 2462MHz

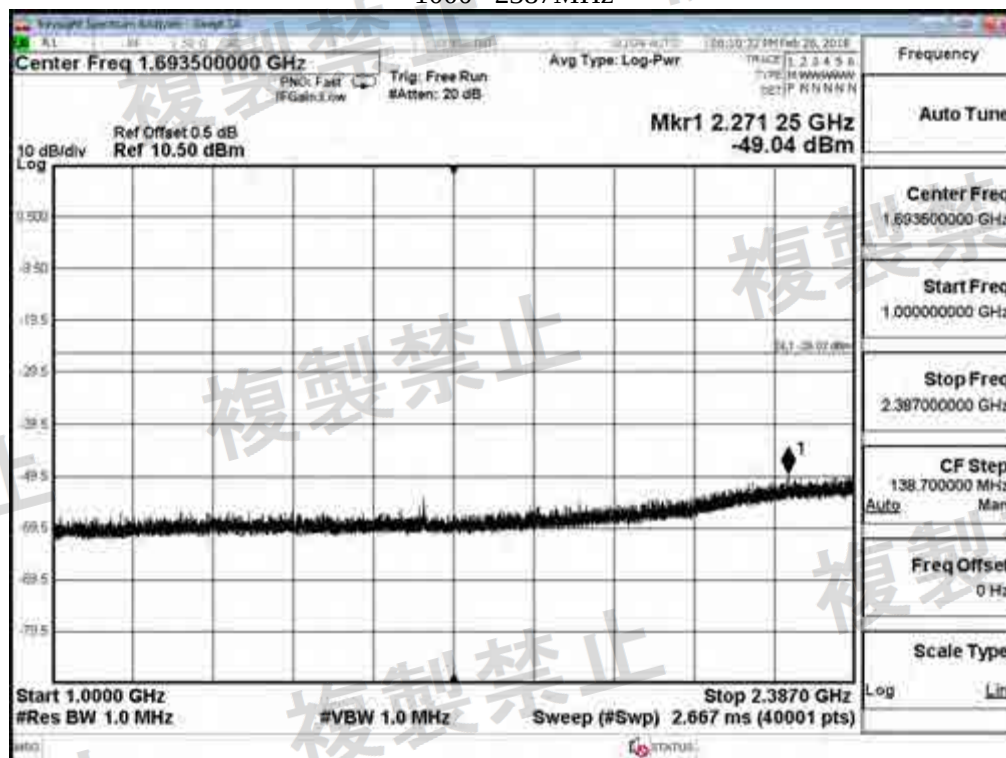
Chain A

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-63.50	-26 (2.5uW)
1000 – 2387	-49.04	-26 (2.5uW)
2387 – 2400	-48.47	-16 (25uW)
2483.5 – 2496.5	-22.29	-16 (25uW)
2496.5 – 8000	-39.80	-26 (2.5uW)
8000 – 12750	-52.37	-26 (2.5uW)

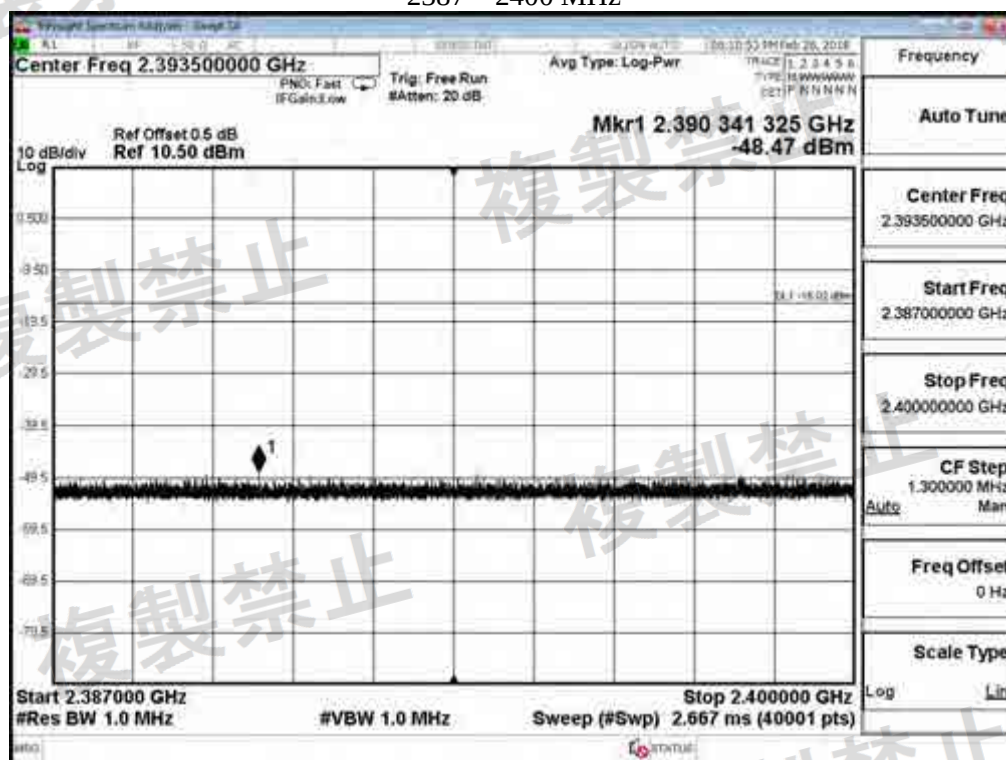
30-1000MHz



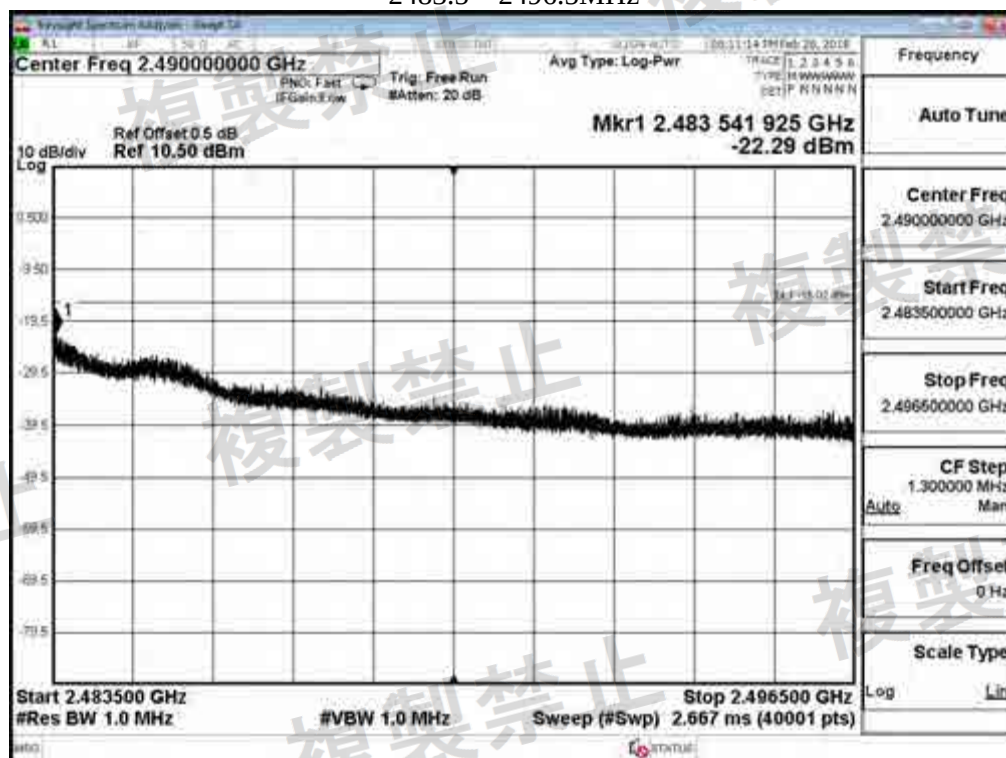
1000- 2387MHz



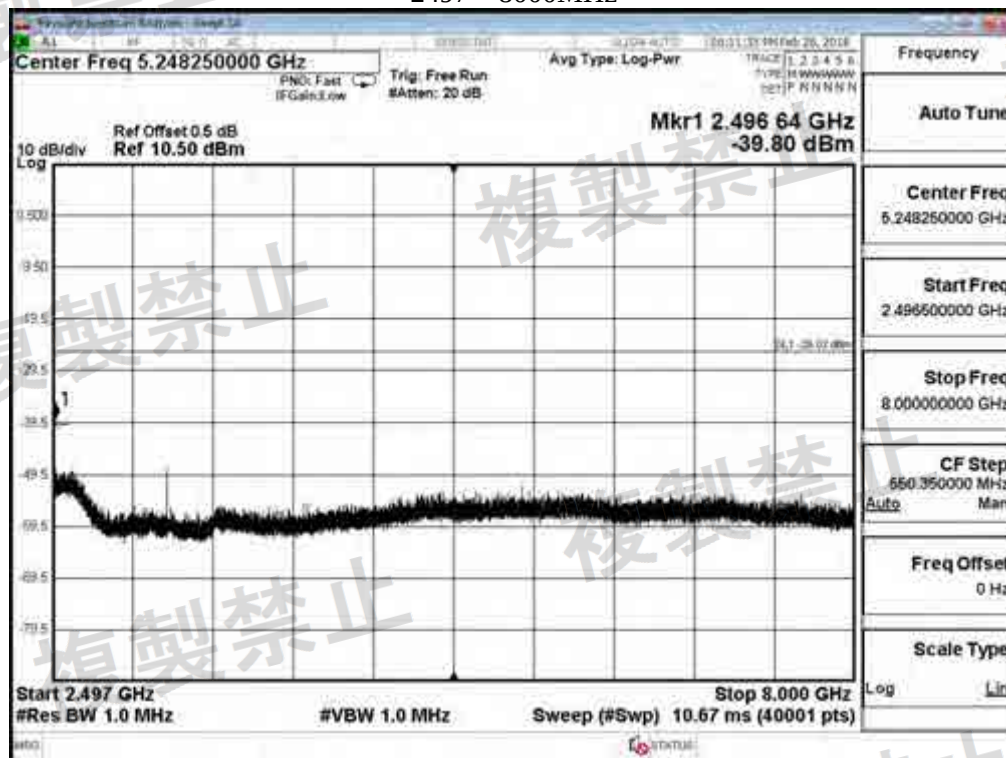
2387 – 2400 MHz



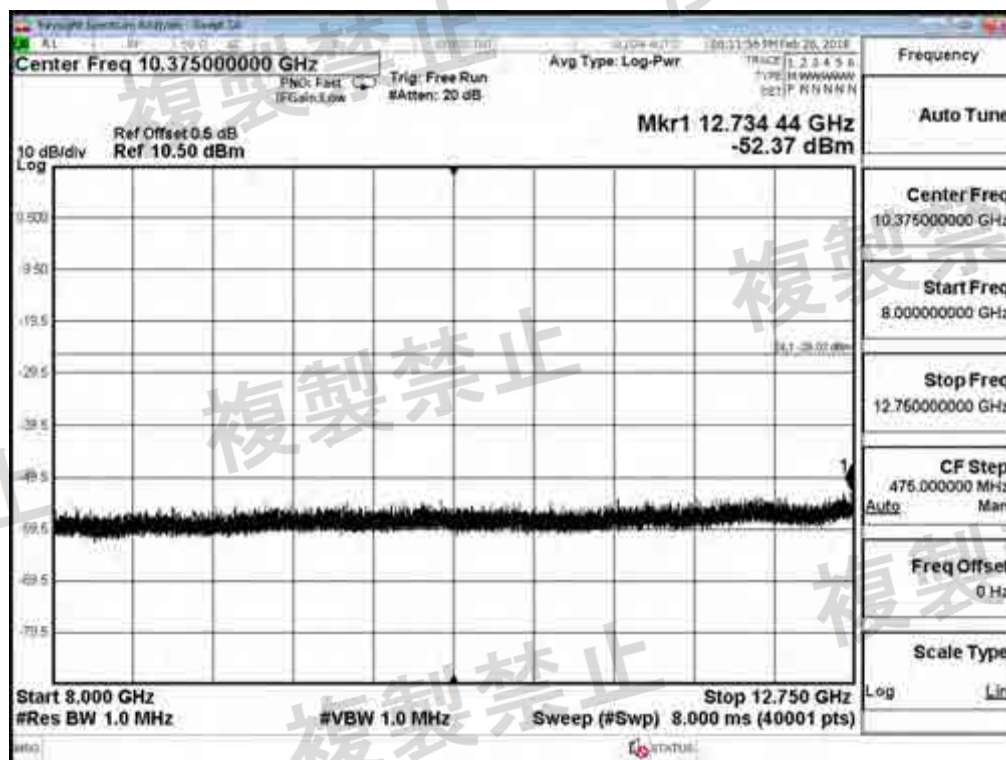
2483.5 – 2496.5 MHz



2497 – 8000MHz



8000 – 12750MHz

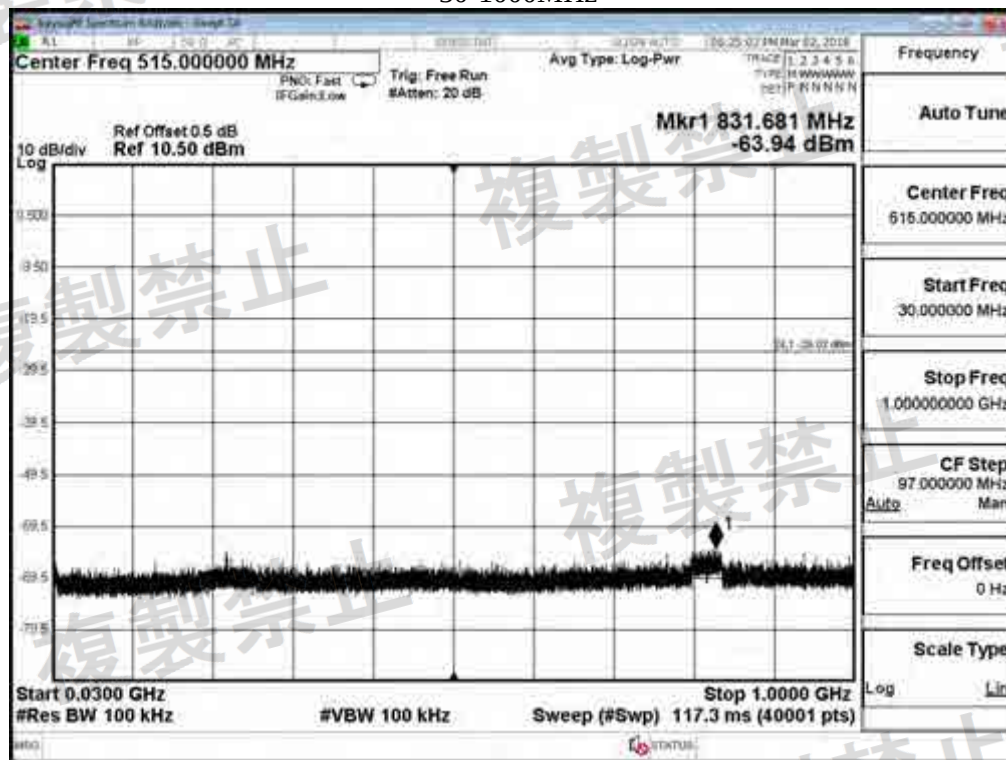


Product : Gateway
Test Item : Transmitter Spurious Emissions
Test Mode : Mode 1: Transmitter (802.11n MCS8 40MBW)_3.63V-2462MHz

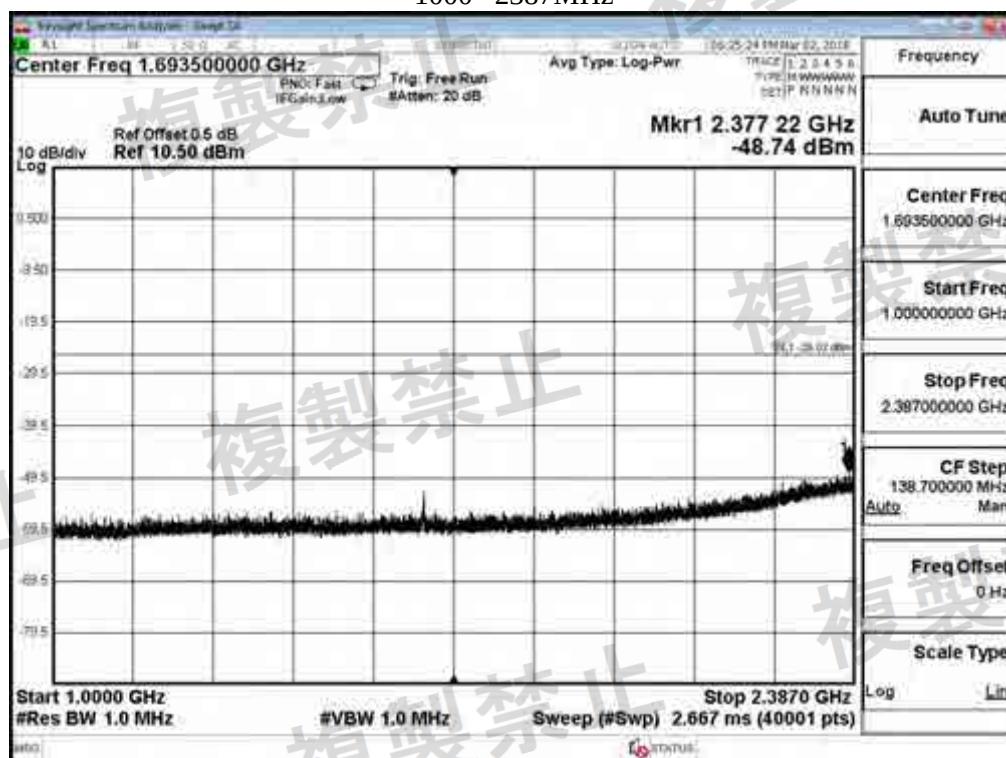
Chain B

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-63.94	-26 (2.5uW)
1000 – 2387	-48.74	-26 (2.5uW)
2387 – 2400	-47.33	-16 (25uW)
2483.5 – 2496.5	-19.46	-16 (25uW)
2496.5 – 8000	-31.78	-26 (2.5uW)
8000 – 12750	-53.01	-26 (2.5uW)

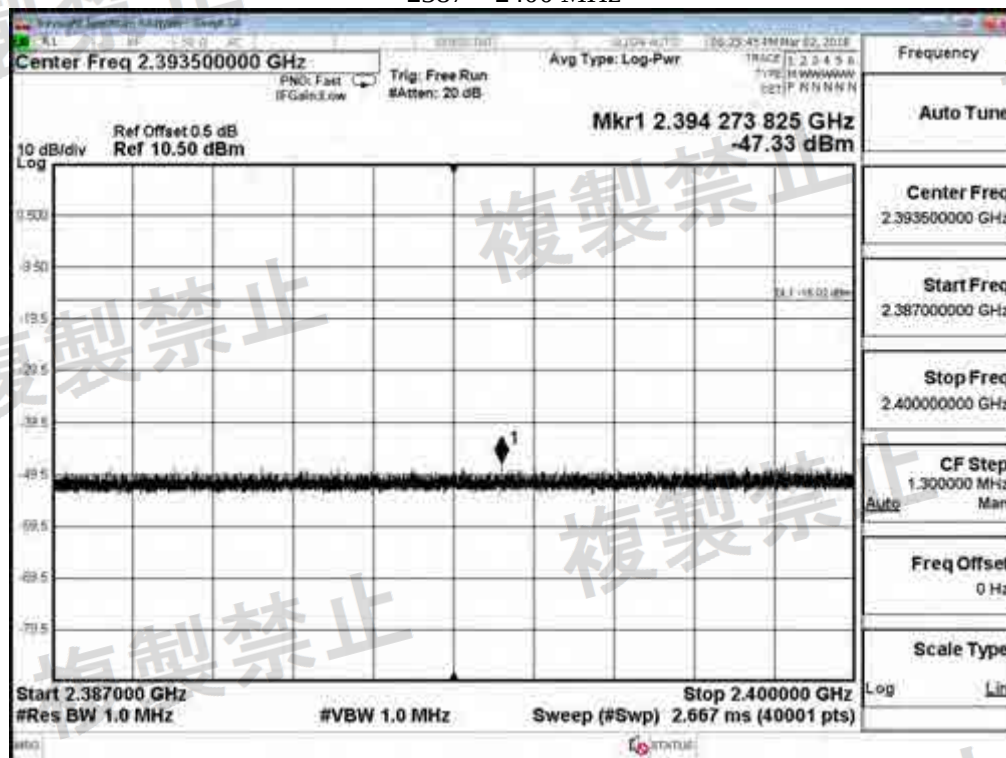
30-1000MHz



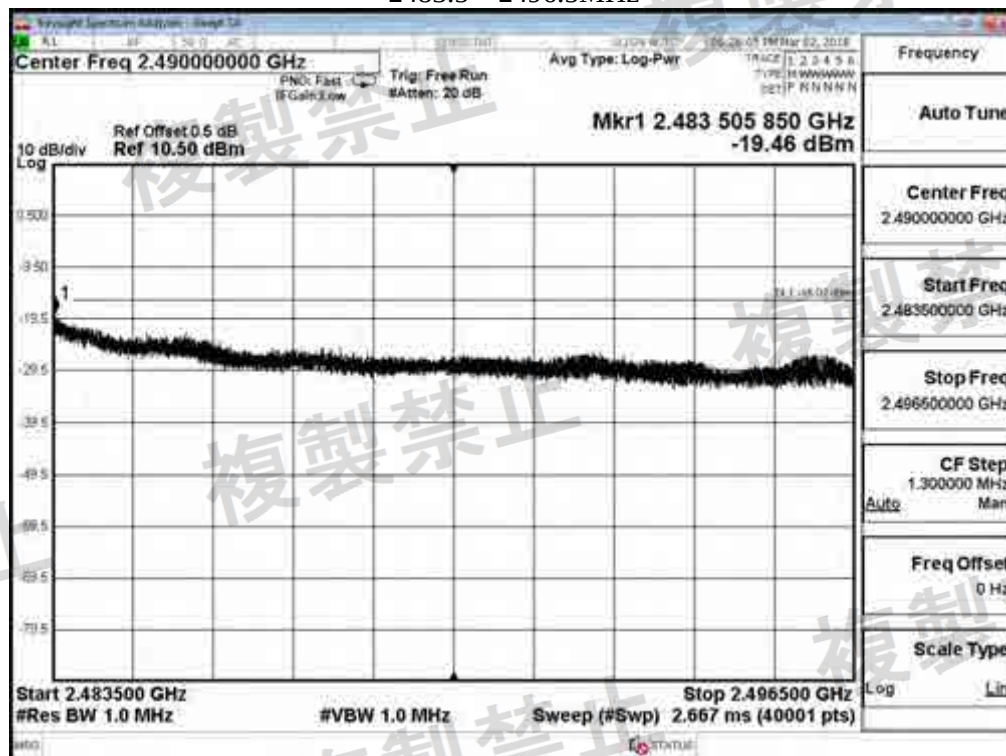
1000- 2387MHz



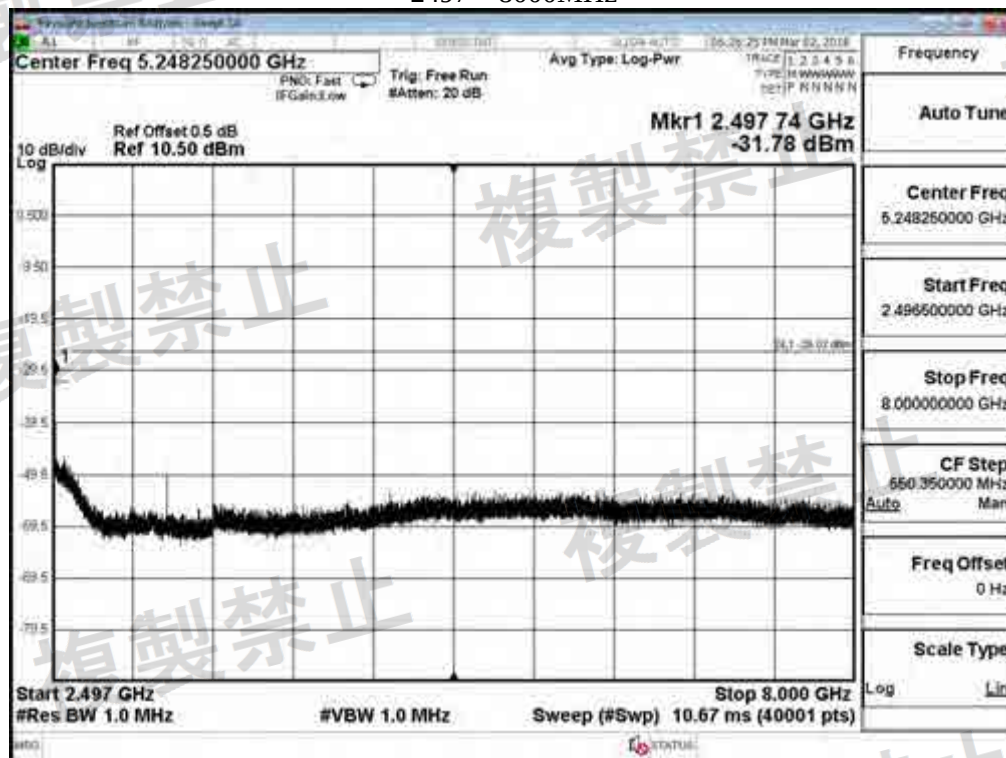
2387 – 2400 MHz



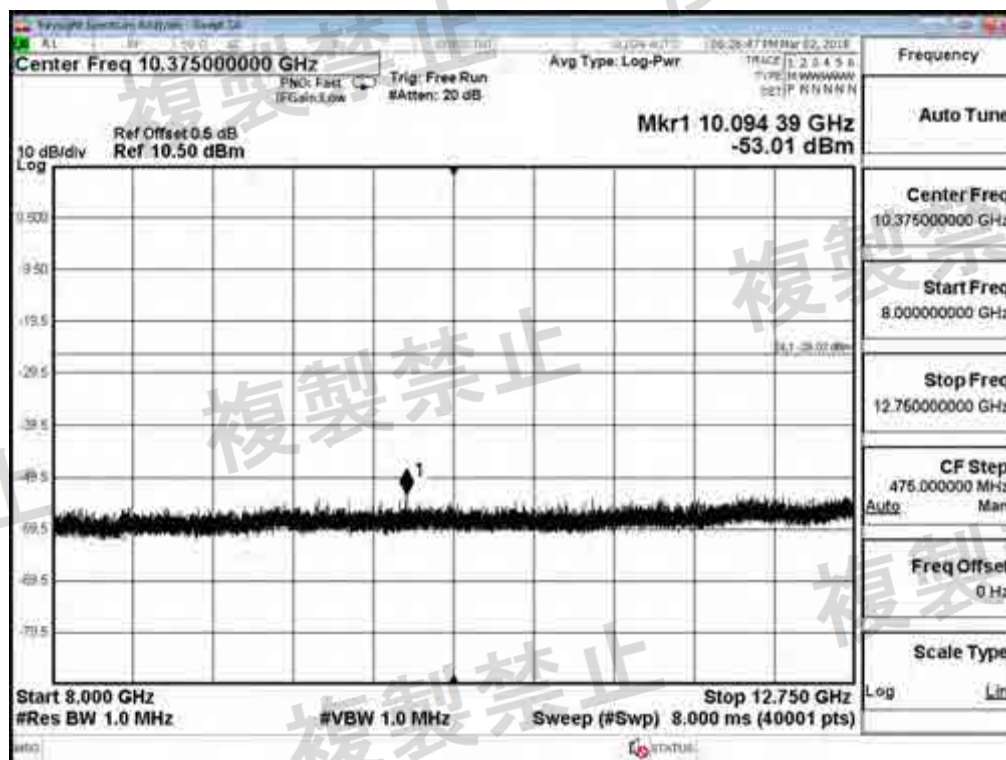
2483.5 – 2496.5MHz



2497 – 8000MHz

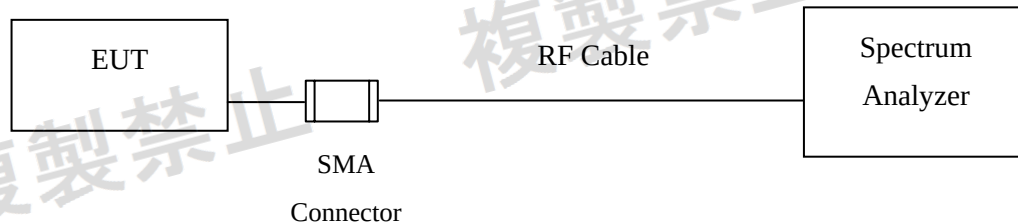


8000 – 12750MHz



7. Receiver Spurious Emissions

7.1. Test Setup



7.2. Test Procedure

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

- (g) A positive peak detector function must be used.
- (h) The measurement instrument bandwidth and span must be set sufficiently with, and, the scan time set sufficiently slow, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result.
- (i) 'Maximum Hold' mode may be used to accumulate the measurement result over several scans provided the emission is repetitive in nature.

7.3. Limits

- $\leq 4\text{nW}$ for 30-1000 MHz
- $\leq 20\text{nW}$ for 1000 – 3000 MHz
- $\leq 20\text{nW}$ for 3000 – 8000 MHz

7.4. Uncertainty

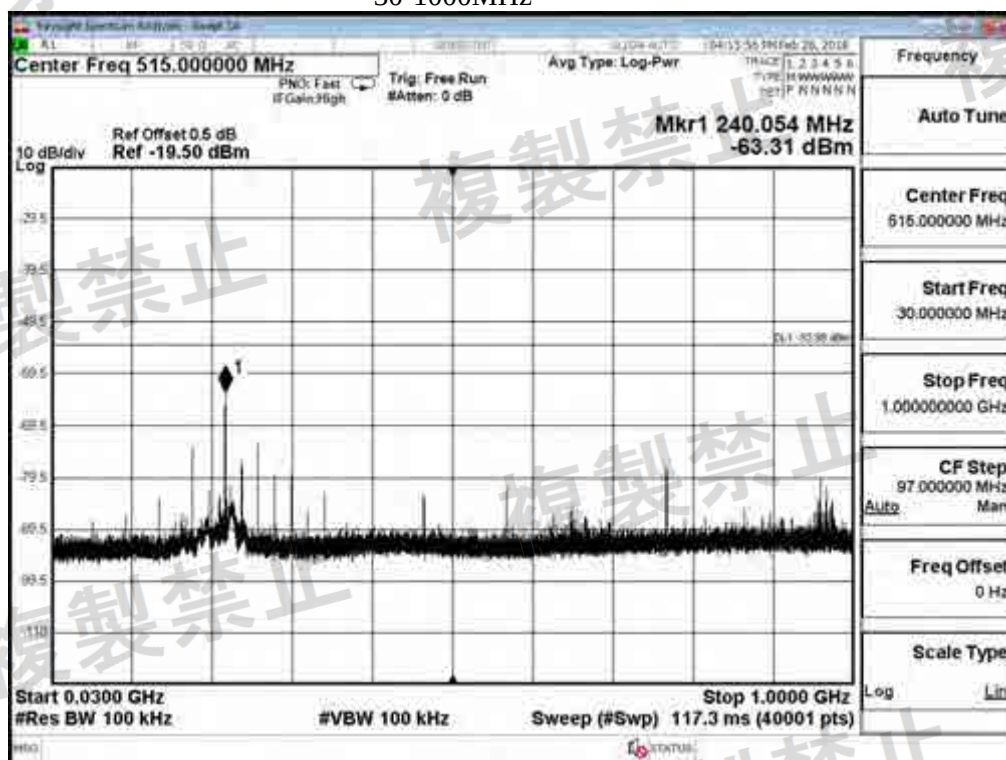
$\pm 1.201\text{ dB}$

7.5. Test Result of Receiver Spurious Emissions

Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11b 1Mbps)_2.97V -2412MHz

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-63.31	-54 (4nW)
1000 – 3000	-60.53	-47 (20nW)
3000 – 8000	-59.03	-47 (20nW)
8000 – 12750	-71.16	-47 (20nW)

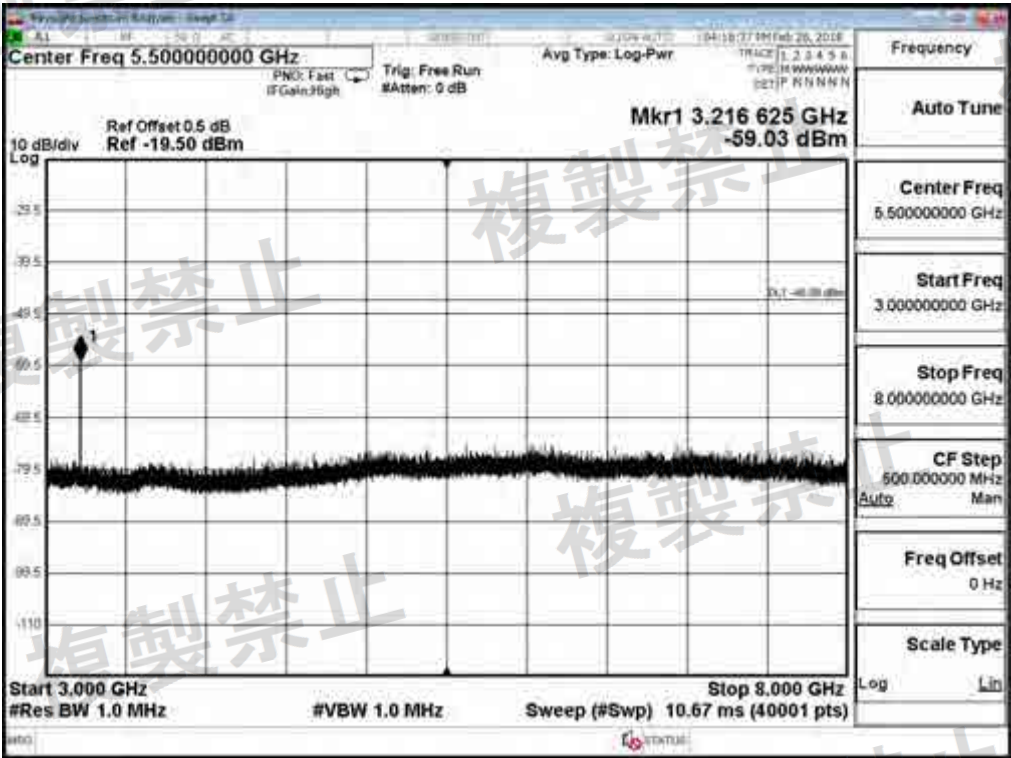
30-1000MHz



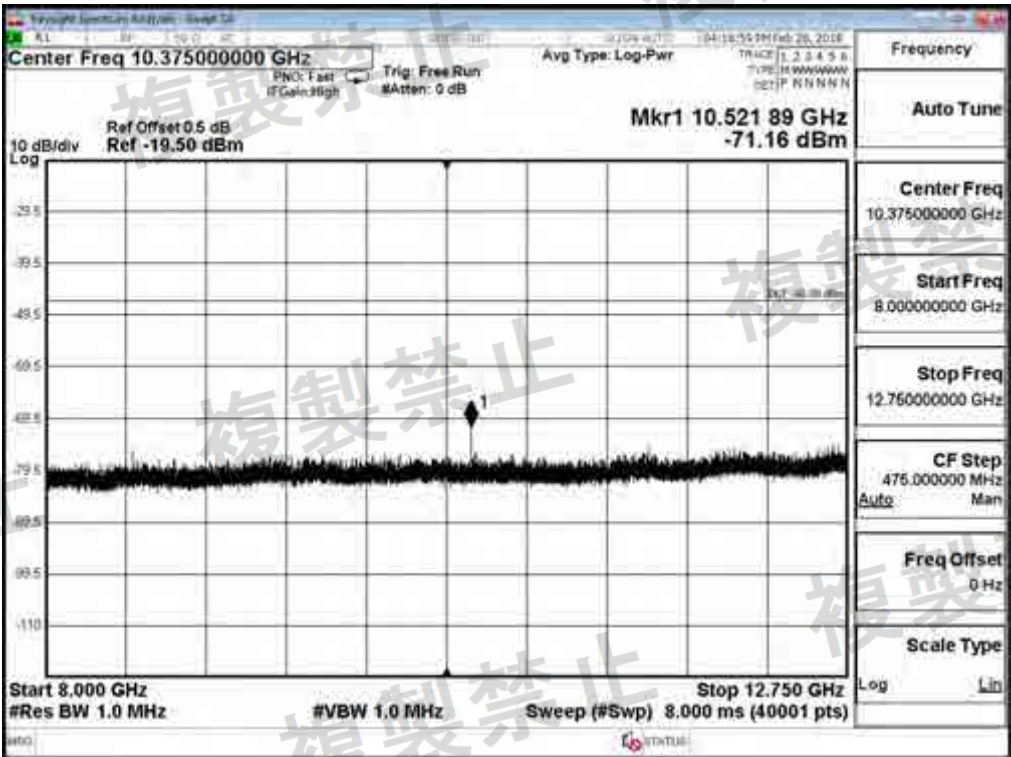
1000 – 3000MHz



3000 – 8000MHz



8000 – 12750MHz



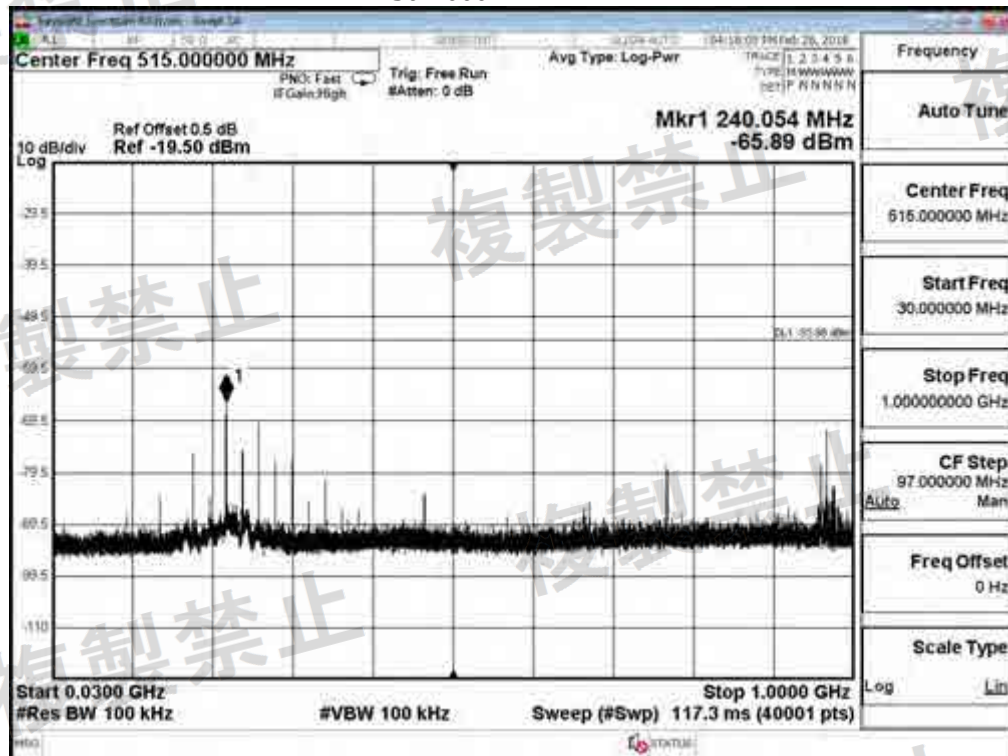
Test Result

PASS

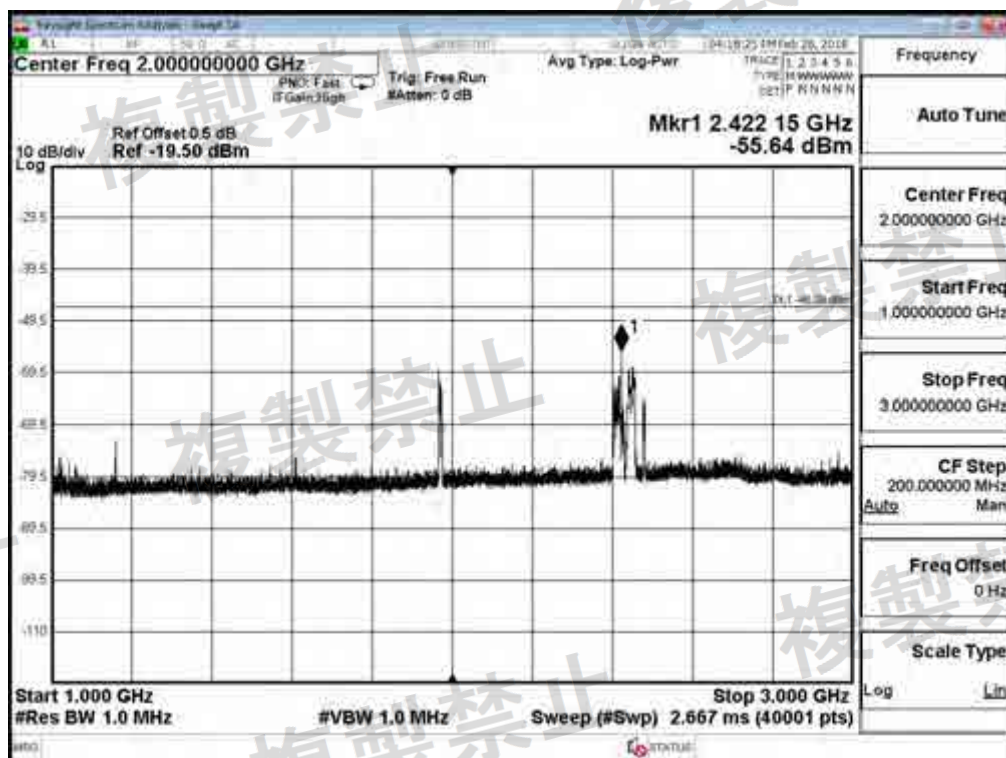
Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11b 1Mbps)_2.97V 2442MHz

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-65.89	-54 (4nW)
1000 – 3000	-55.64	-47 (20nW)
3000 – 8000	-57.90	-47 (20nW)
8000 – 12750	-70.50	-47 (20nW)

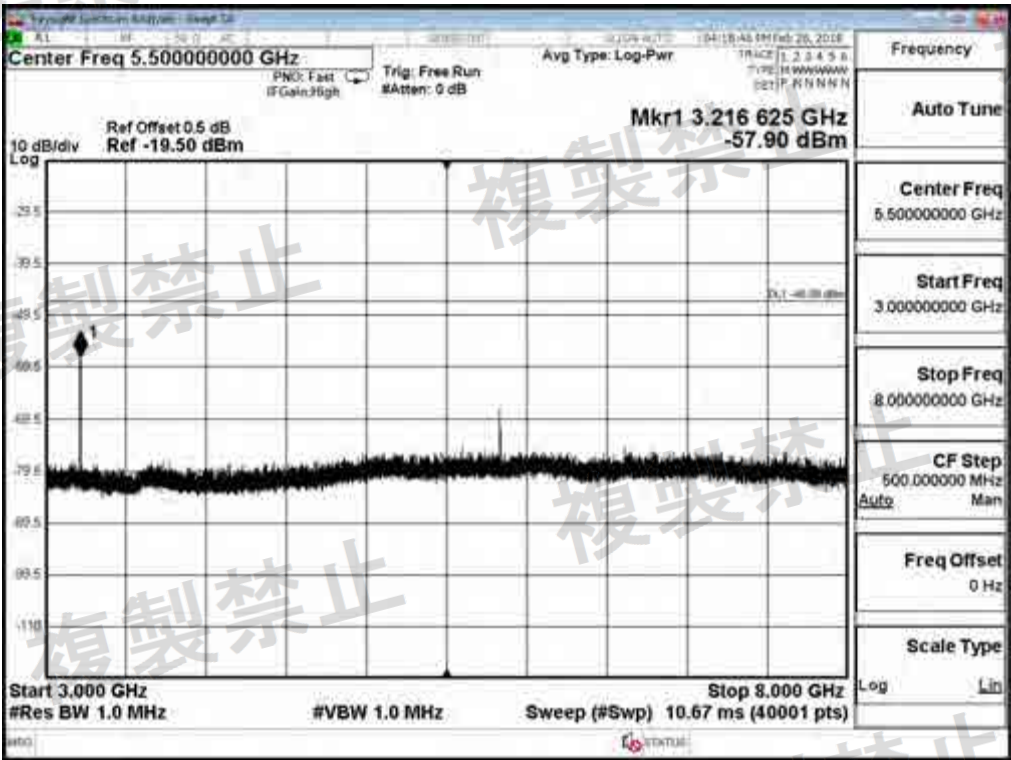
30-1000MHz



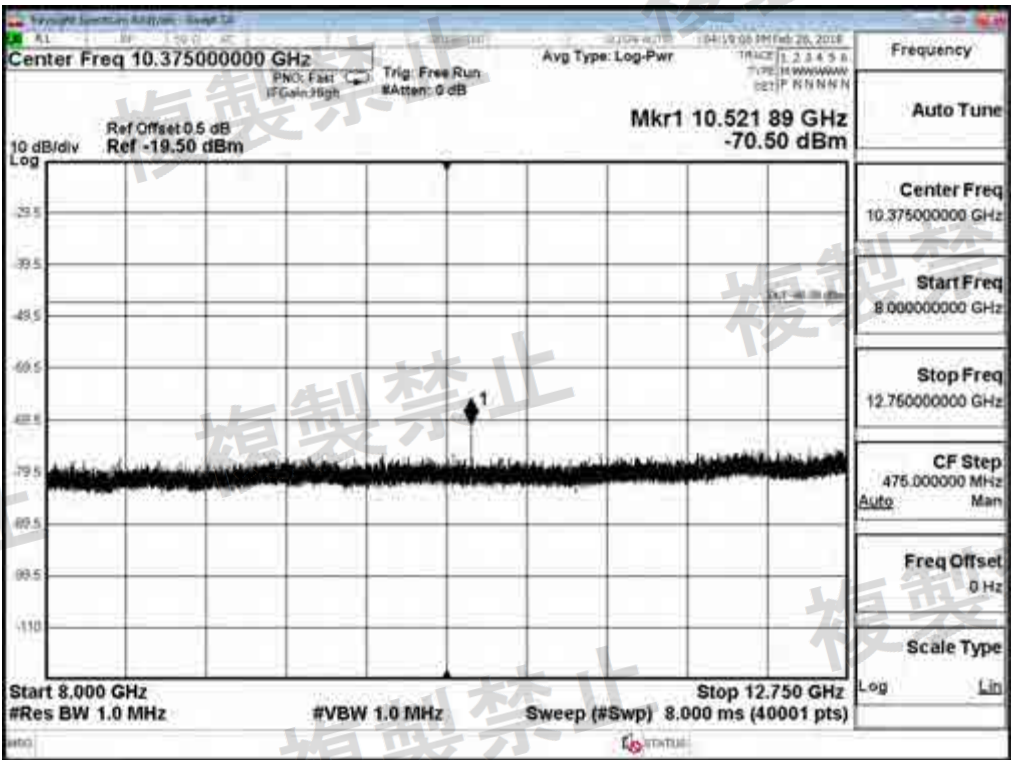
1000 – 3000MHz



3000 – 8000MHz



8000 – 12750MHz

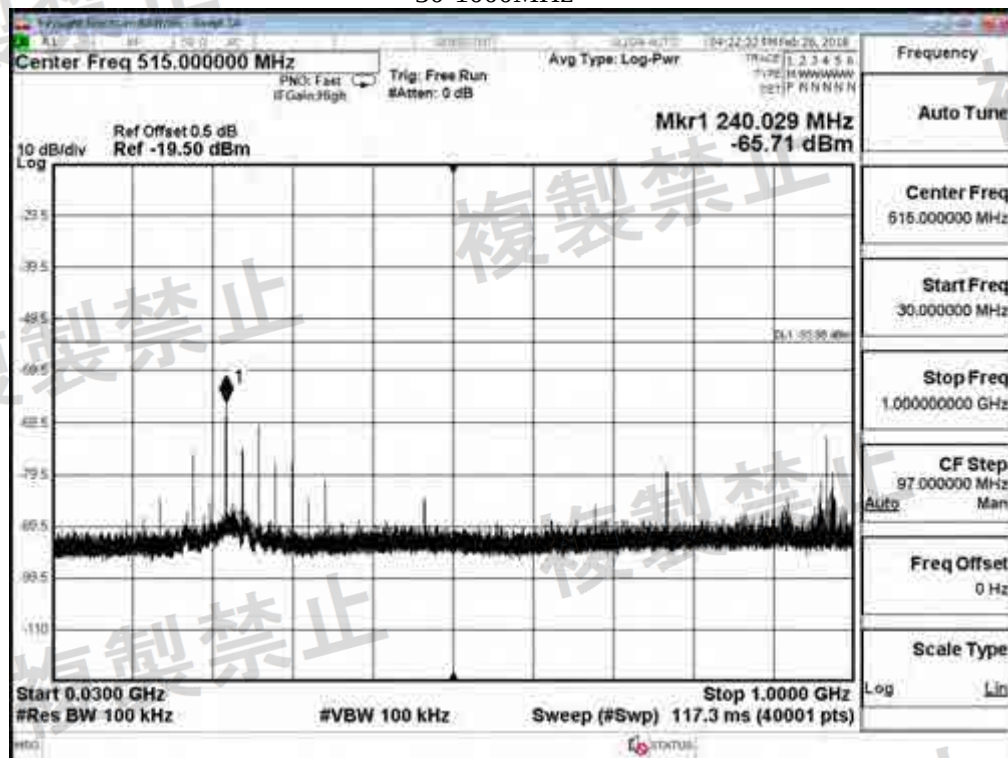


Test Result	PASS
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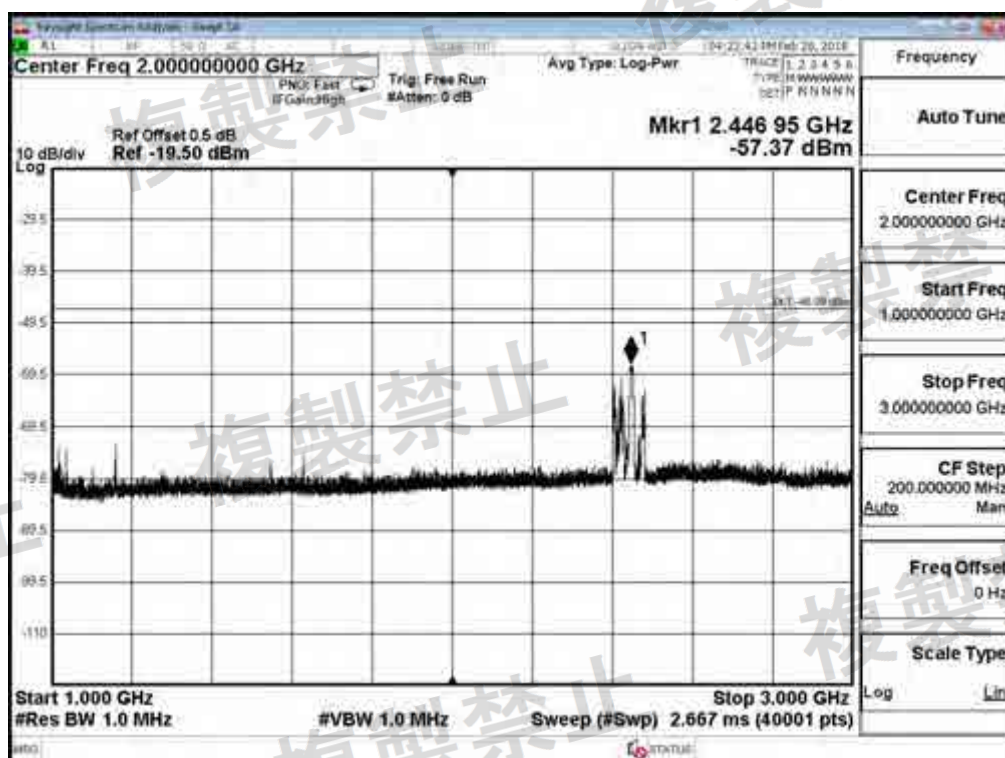
Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11b 1Mbps)_2.97V 2472MHz

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-65.71	-54 (4nW)
1000 – 3000	-57.37	-47 (20nW)
3000 – 8000	-58.69	-47 (20nW)
8000 – 12750	-73.79	-47 (20nW)

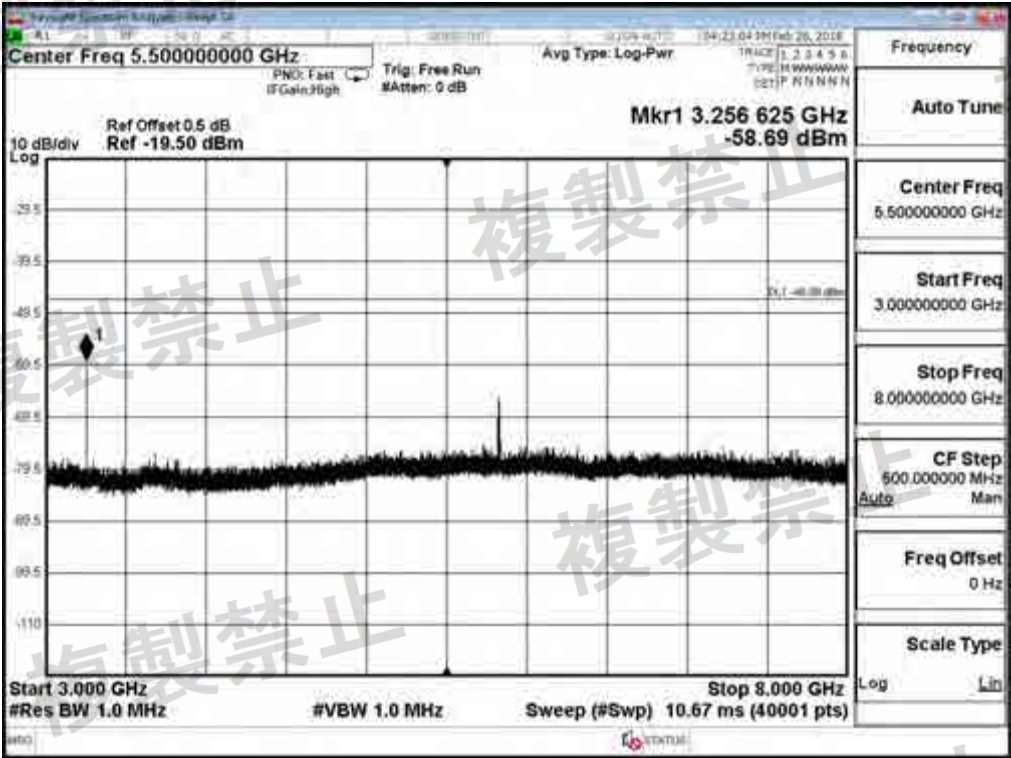
30-1000MHz



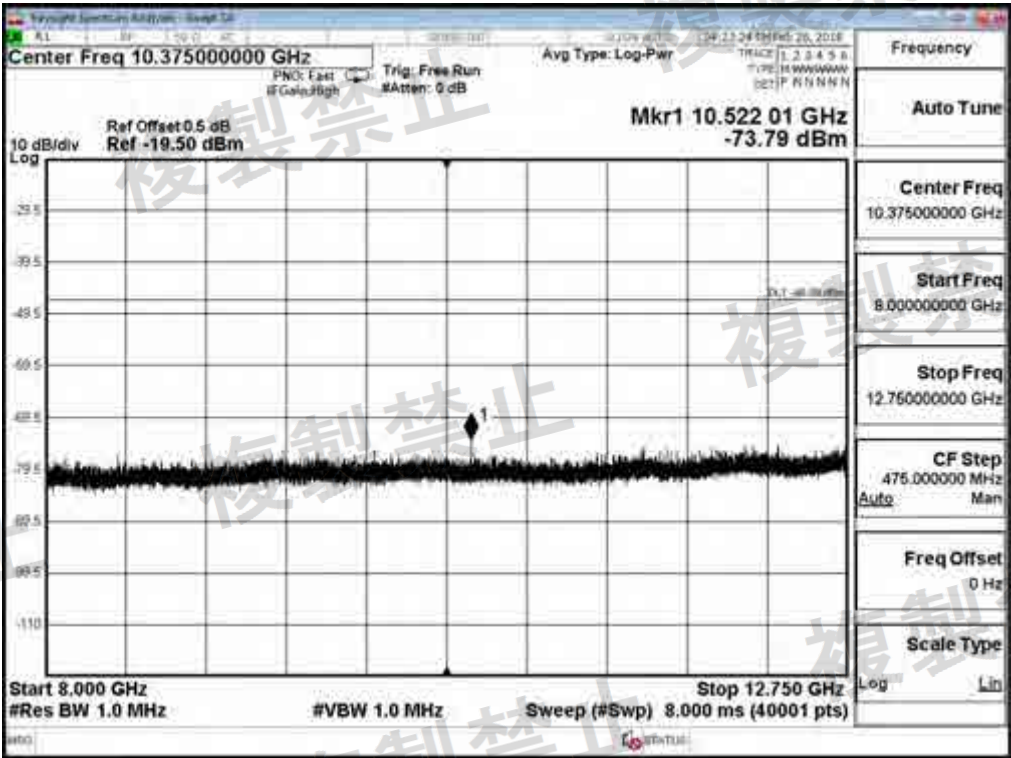
1000 – 3000MHz



3000 – 8000MHz



8000 – 12750MHz



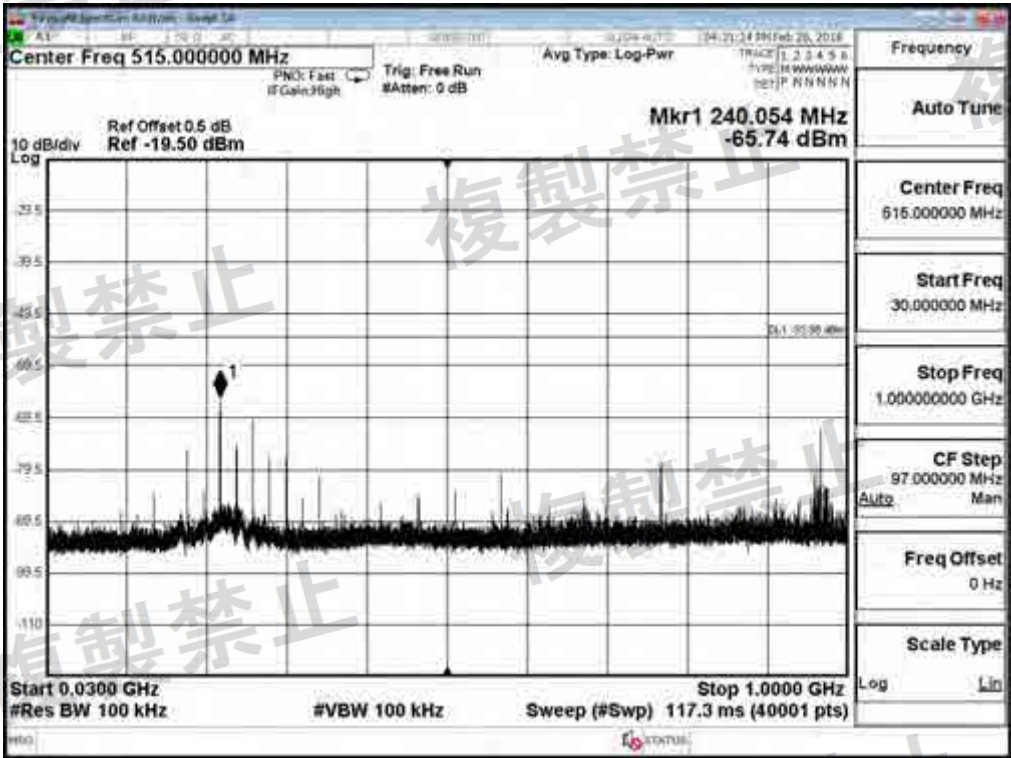
Test Result

PASS

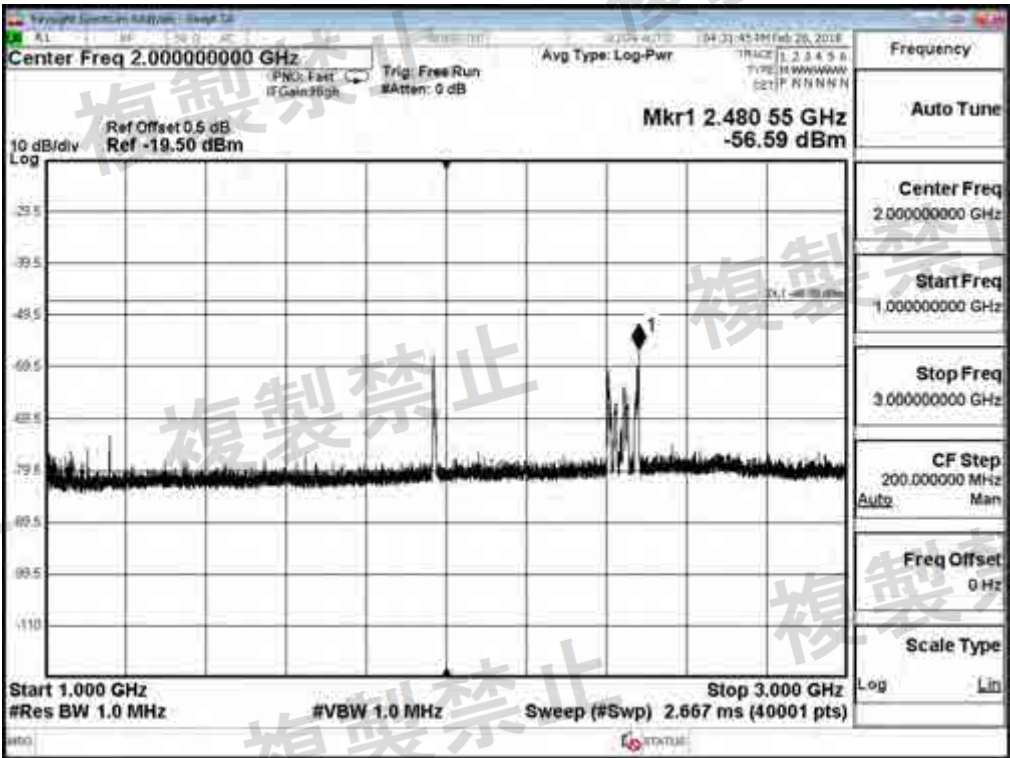
Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11g 6Mbps)_2.97V 2412MHz

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-65.74	-54 (4nW)
1000 – 3000	-56.59	-47 (20nW)
3000 – 8000	-57.71	-47 (20nW)
8000 – 12750	-67.41	-47 (20nW)

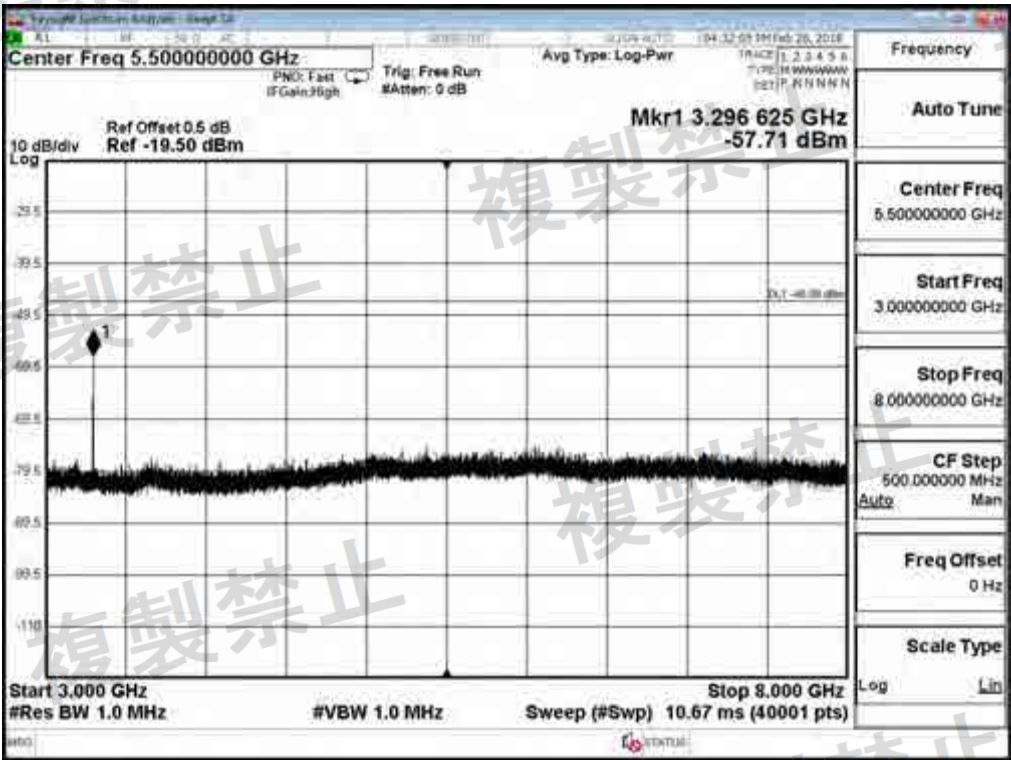
30-1000MHz



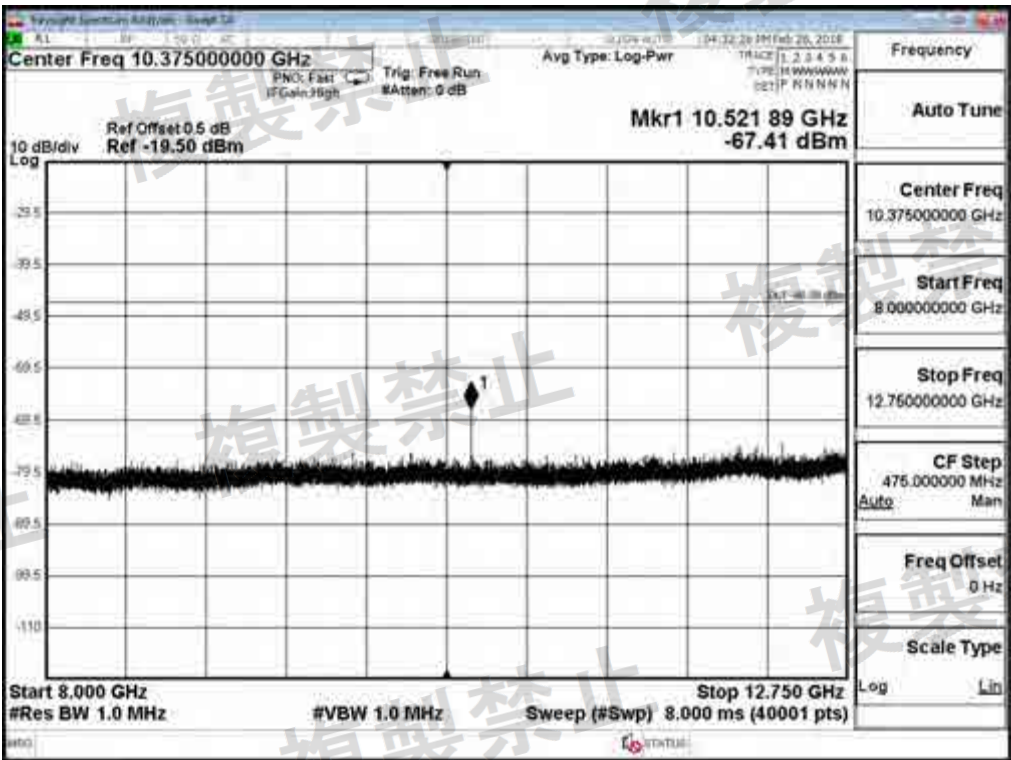
1000 – 3000MHz



3000 – 8000MHz



8000 – 12750MHz

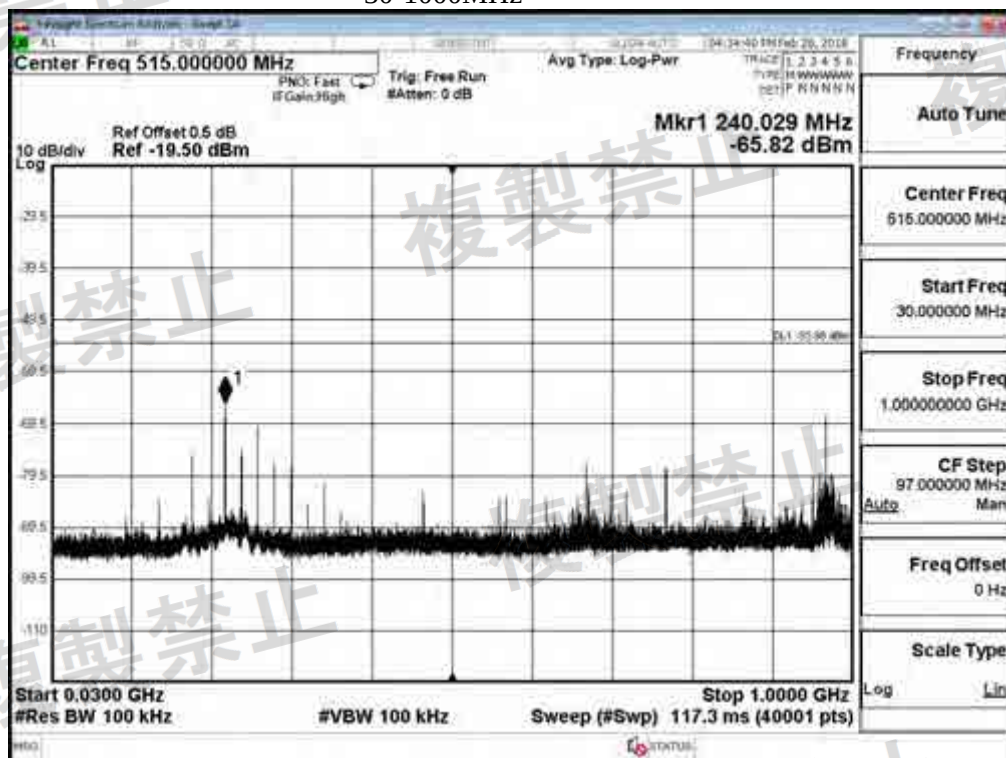


Test Result	PASS
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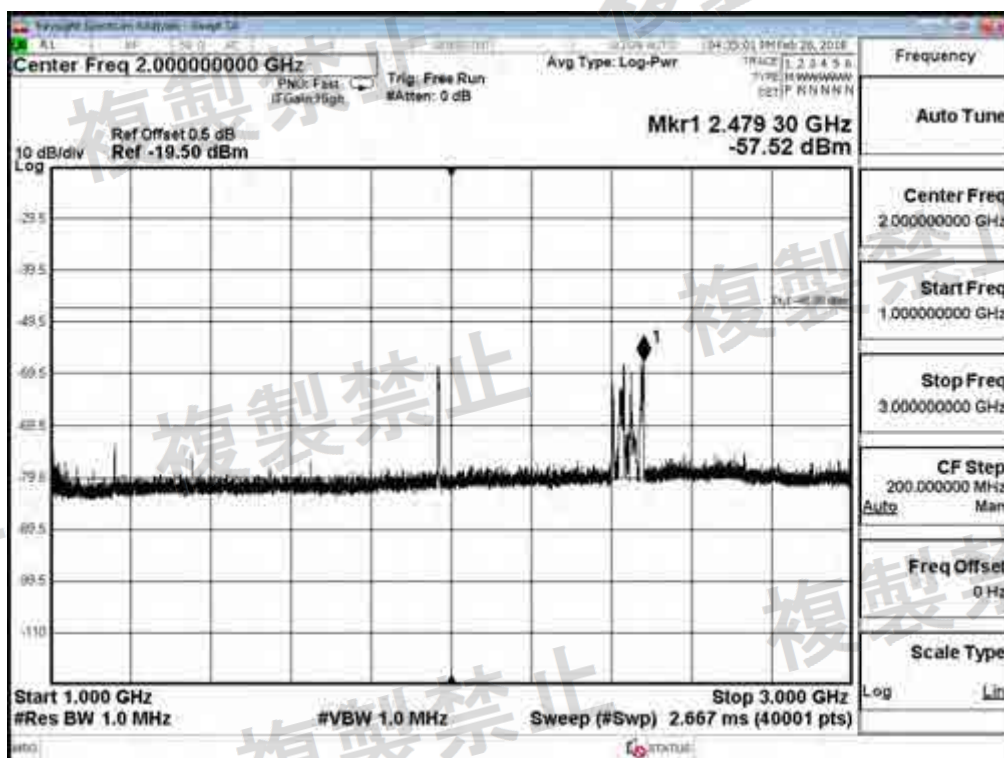
Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11g 6Mbps)_2.97V 2442MHz

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-65.82	-54 (4nW)
1000 – 3000	-57.52	-47 (20nW)
3000 – 8000	-57.69	-47 (20nW)
8000 – 12750	-72.70	-47 (20nW)

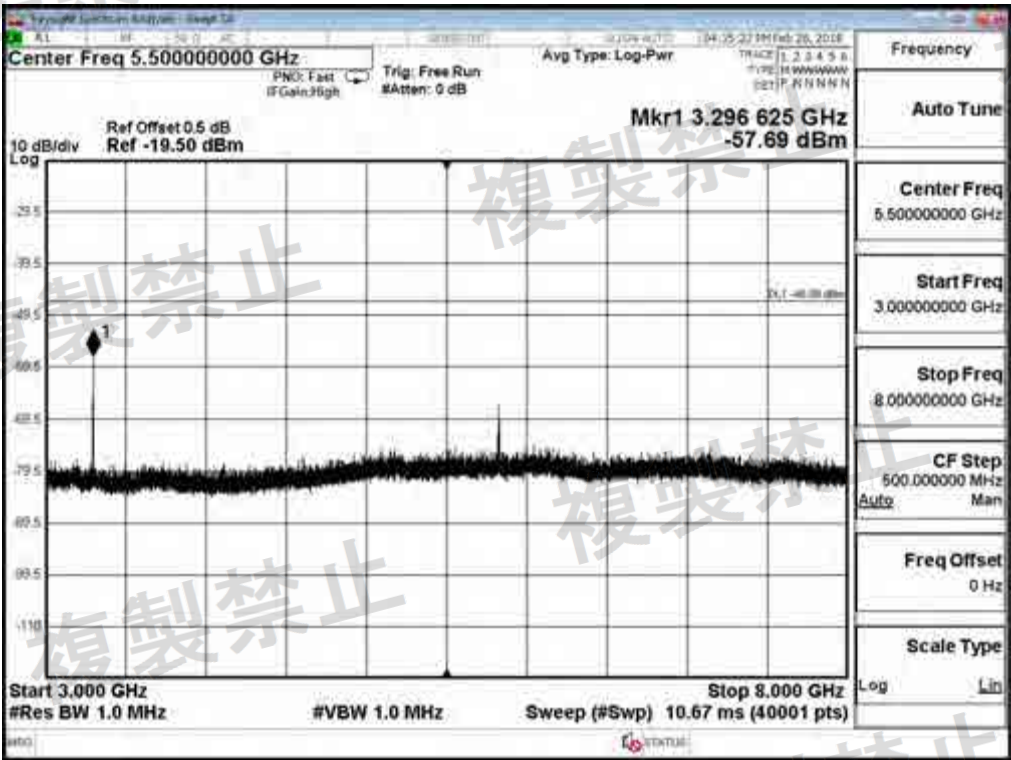
30-1000MHz



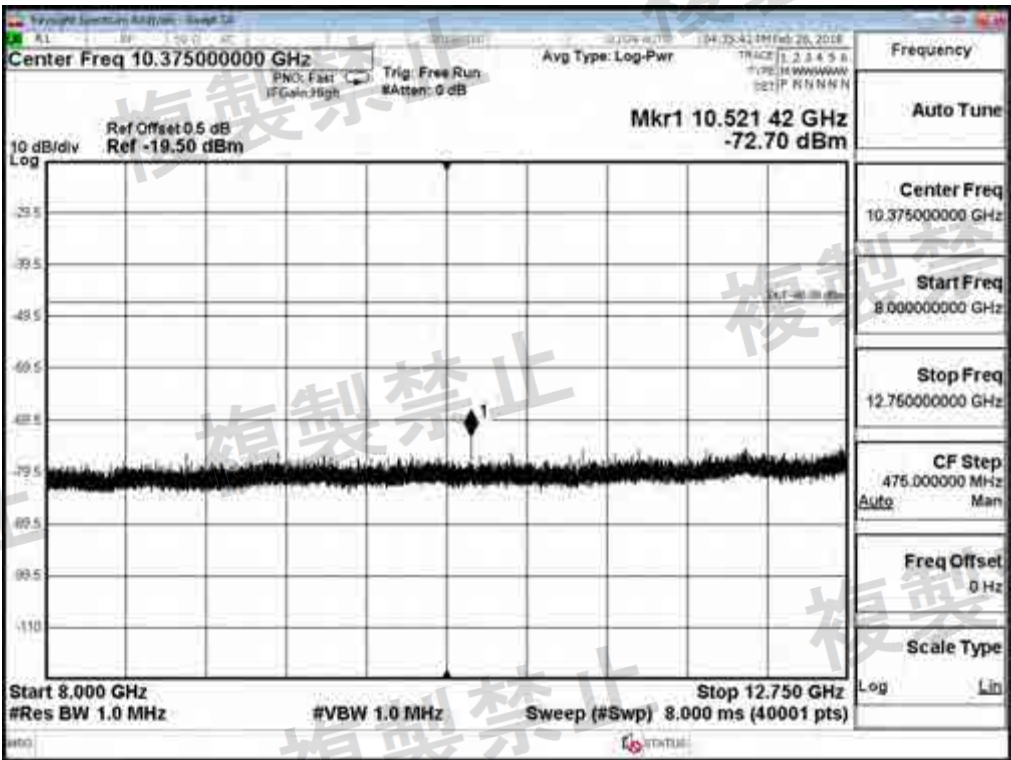
1000 – 3000MHz



3000 – 8000MHz



8000 – 12750MHz

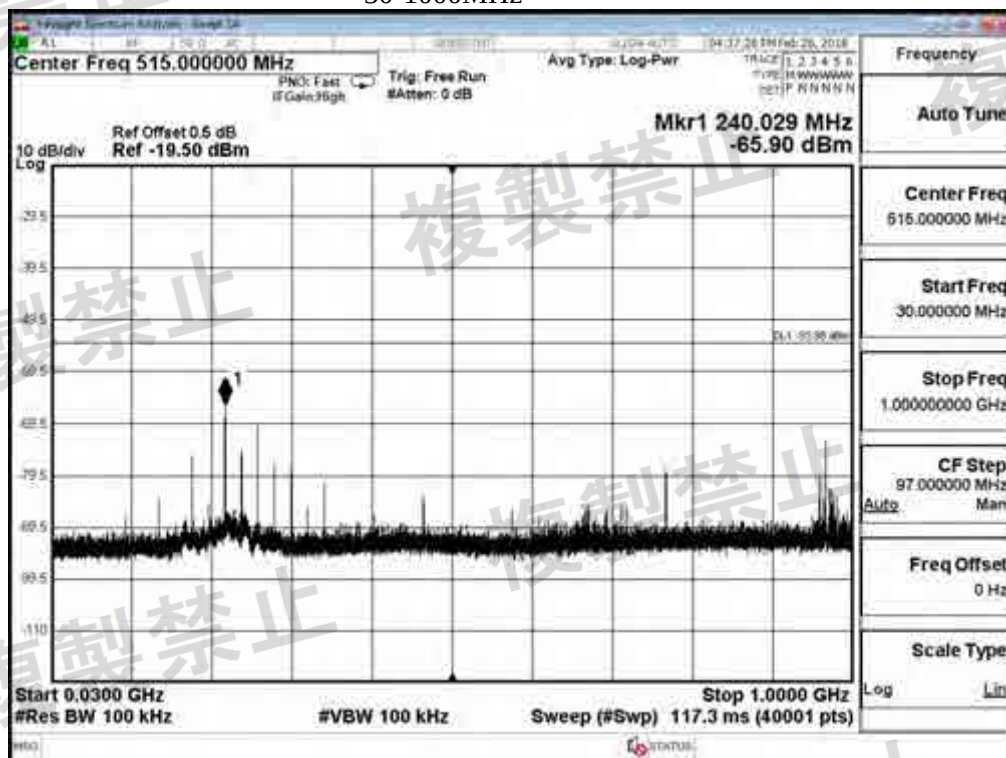


Test Result	PASS
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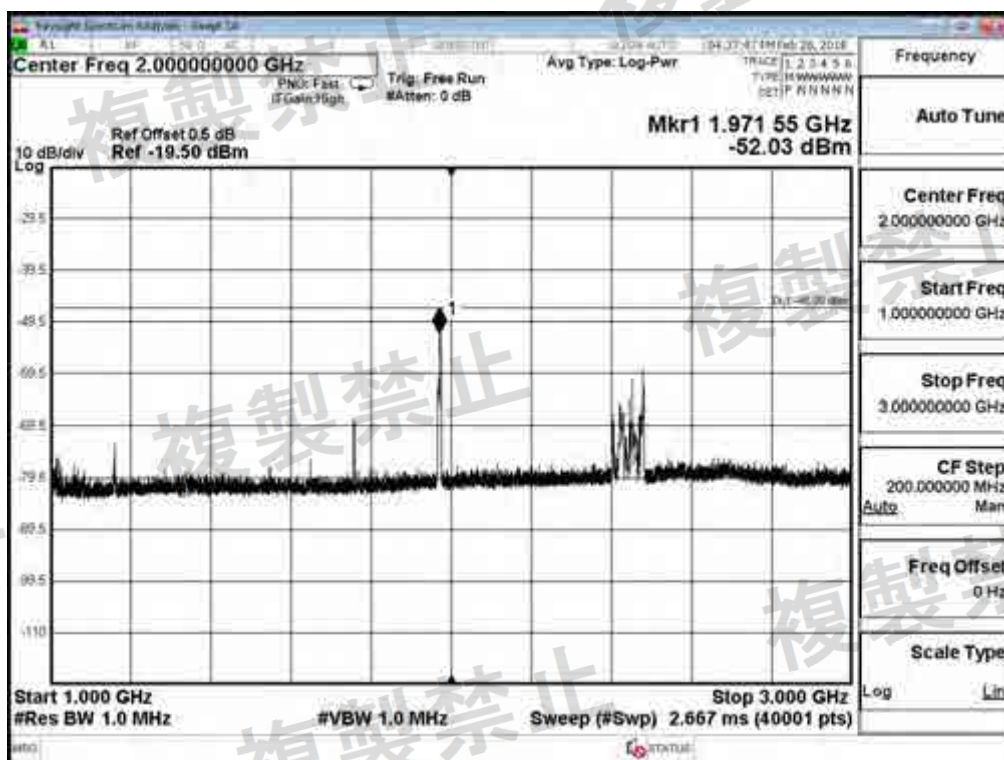
Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11g 6Mbps)_2.97V 2472MHz

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-65.90	-54 (4nW)
1000 – 3000	-52.03	-47 (20nW)
3000 – 8000	-57.78	-47 (20nW)
8000 – 12750	-72.08	-47 (20nW)

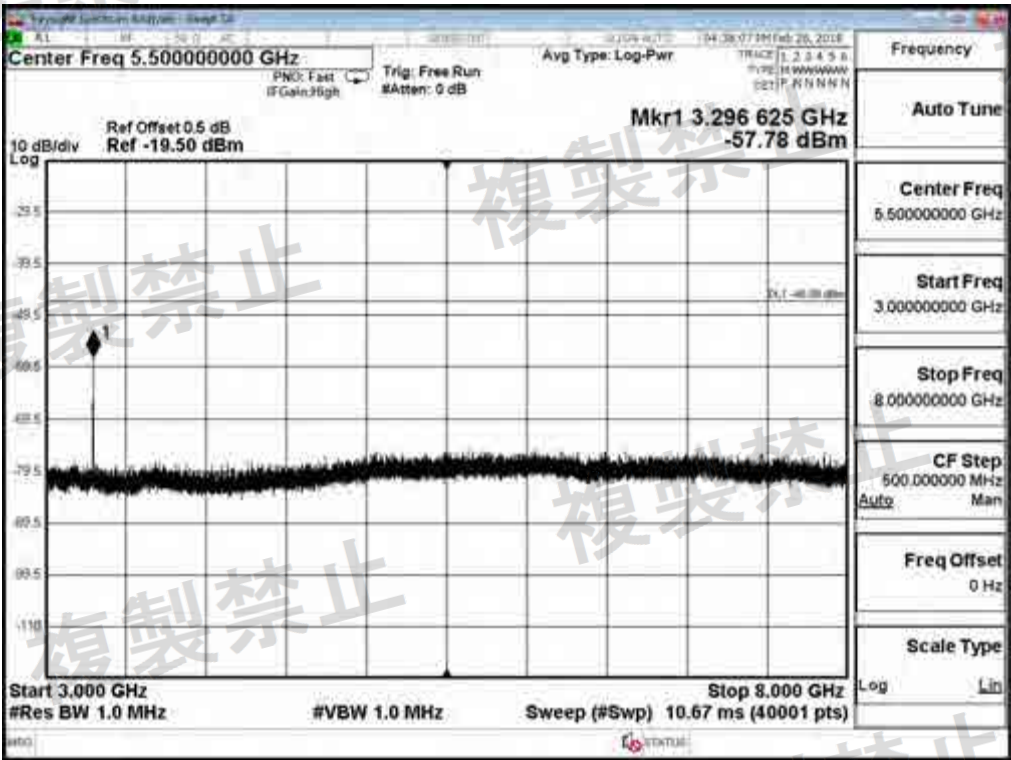
30-1000MHz



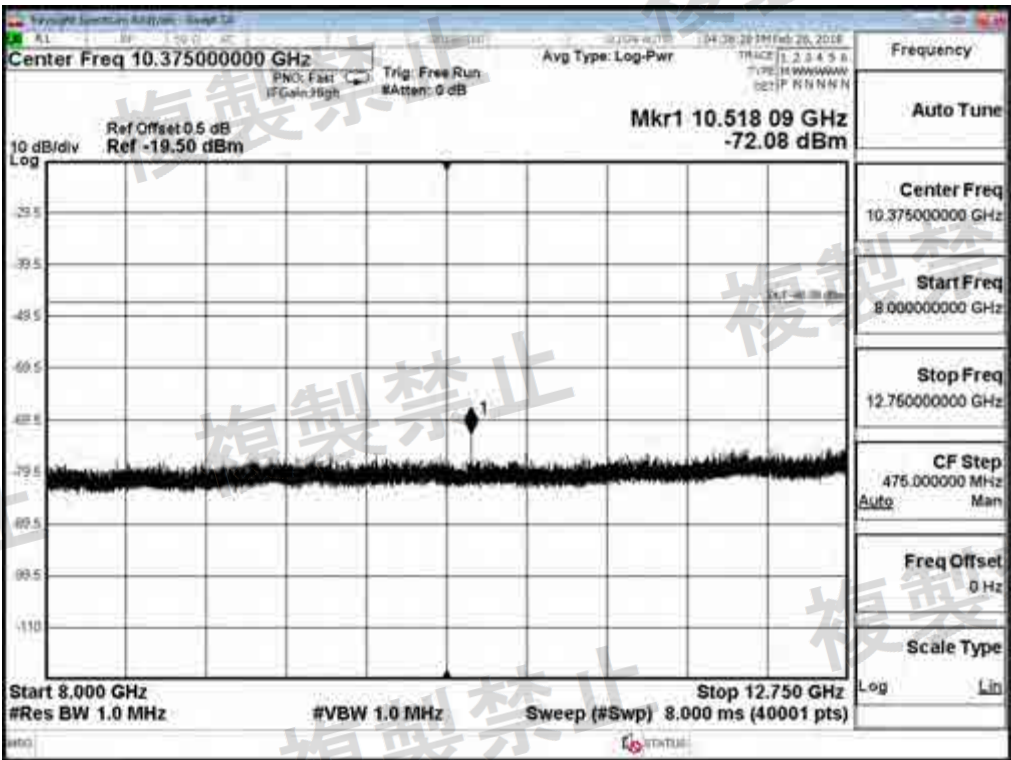
1000 – 3000MHz



3000 – 8000MHz



8000 – 12750MHz

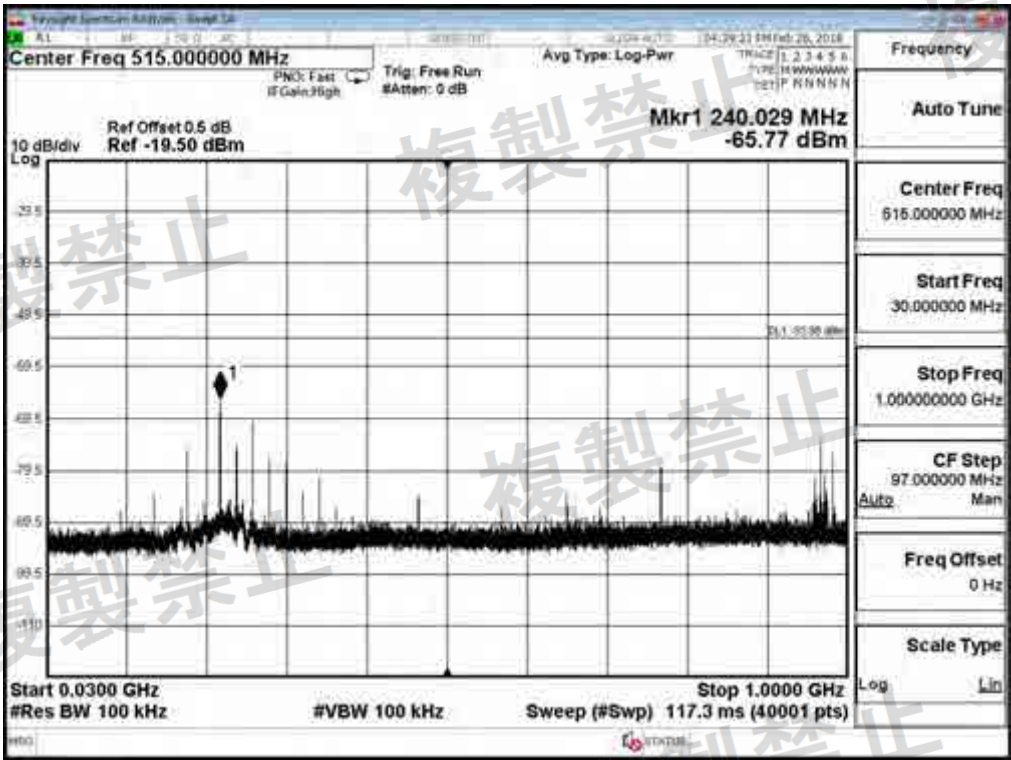


Test Result	PASS
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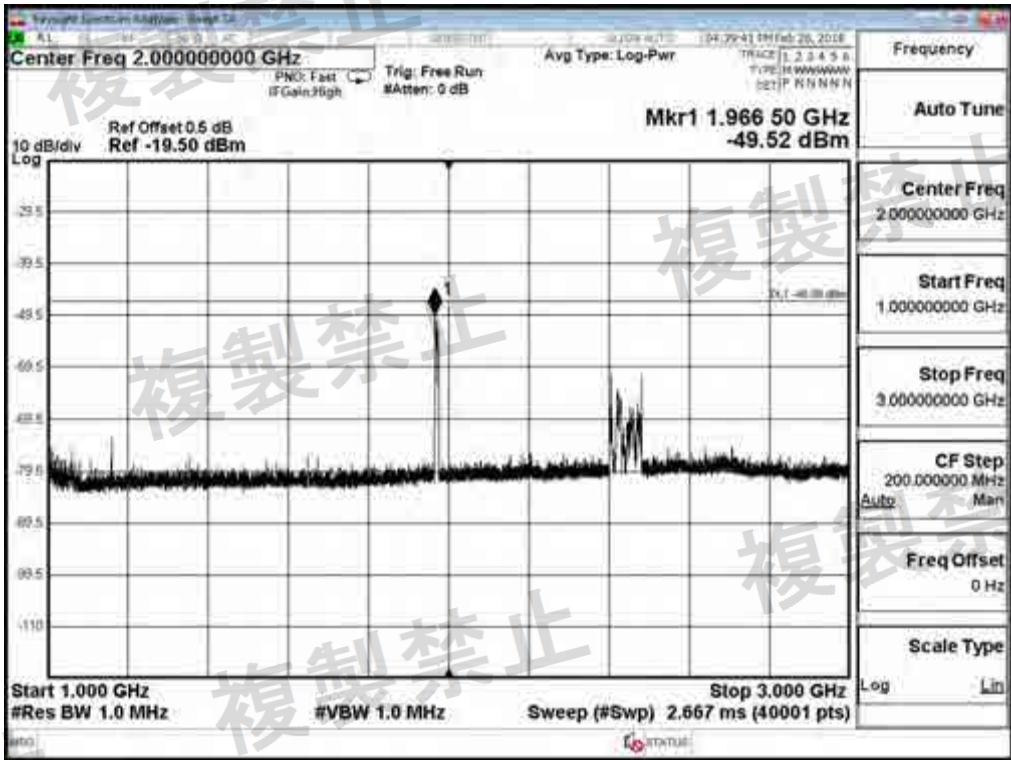
Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11n MCS8 20MBW) _2.97V-2412MHz (Antenna A)

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-65.77	-54 (4nW)
1000 – 3000	-49.52	-47 (20nW)
3000 – 8000	-57.62	-47 (20nW)
8000 – 12750	-71.58	-47 (20nW)

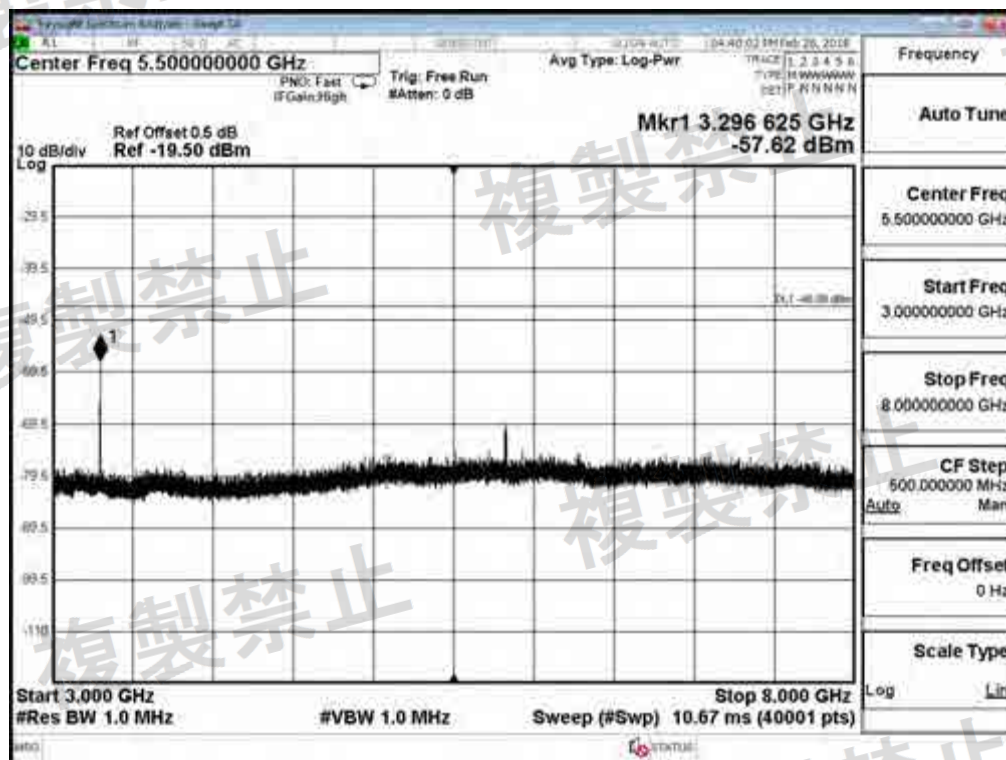
30-1000MHz



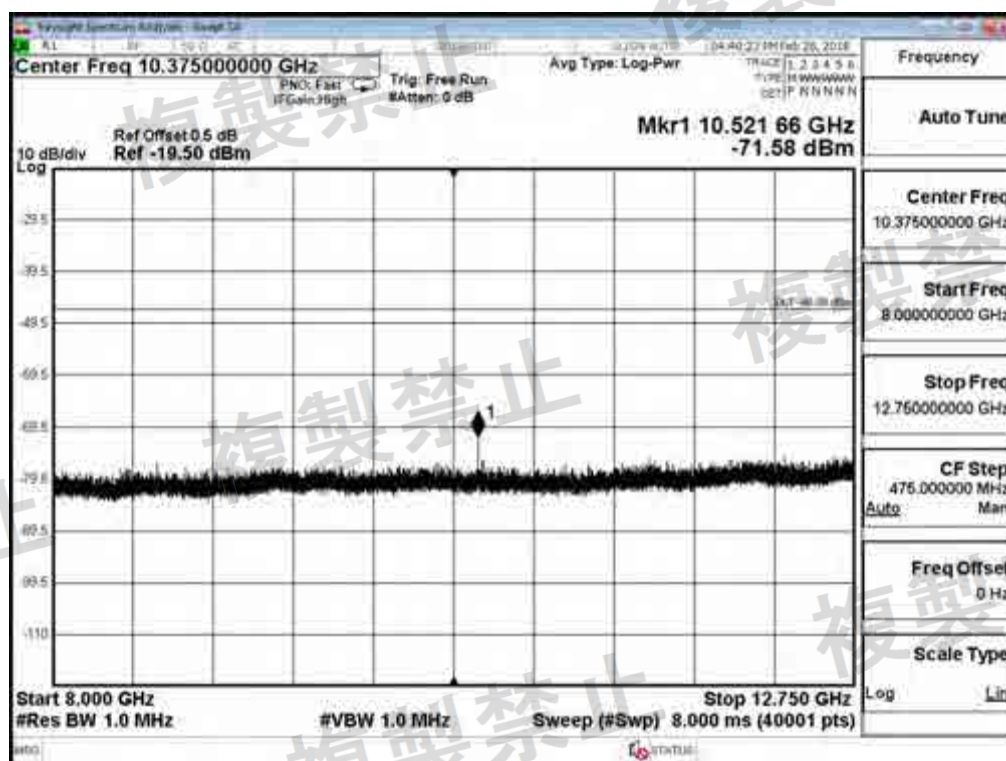
1000 – 3000MHz



3000 – 8000MHz



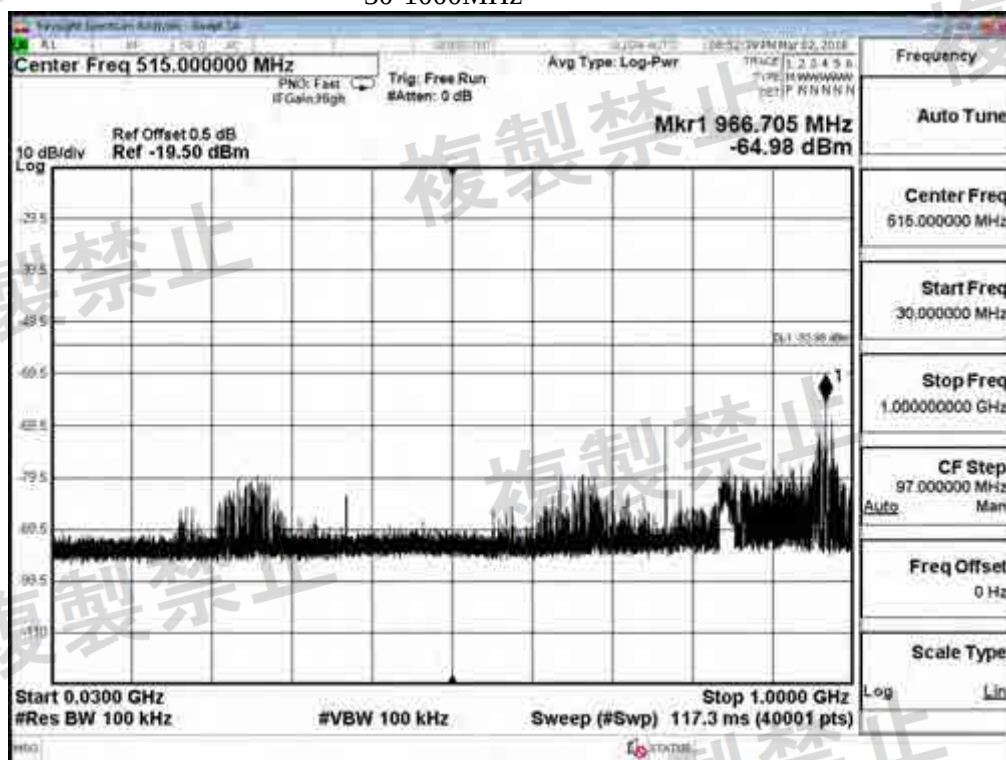
8000 – 12750MHz



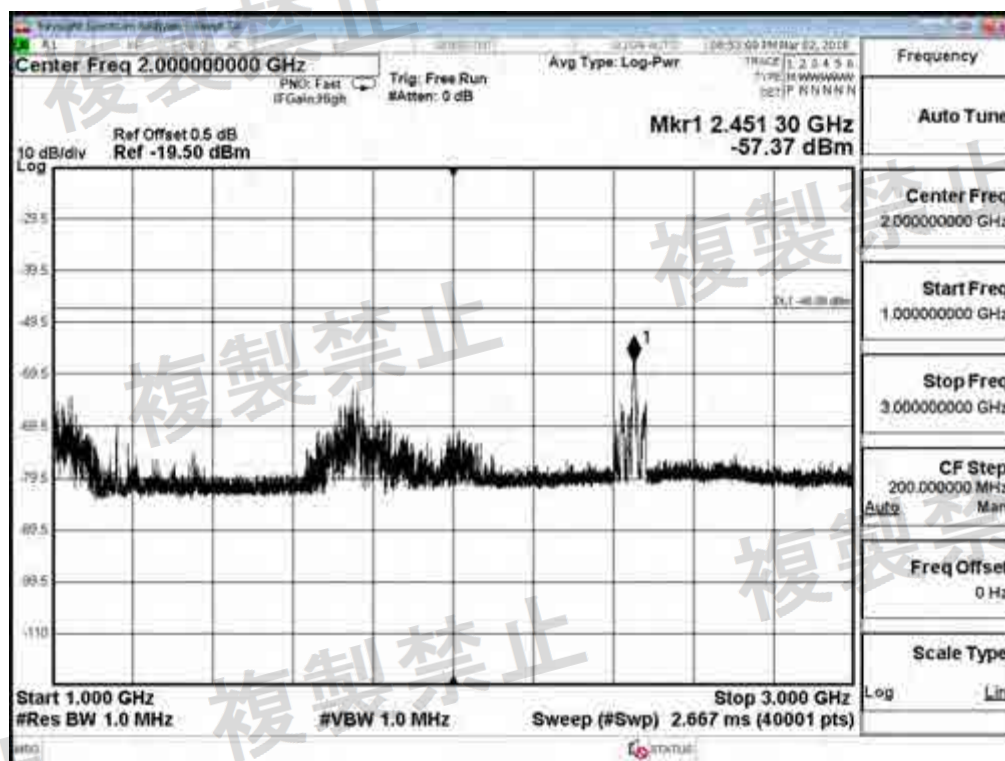
Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11n MCS8 20MBW) _2.97V-2412MHz (Antenna B)

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-64.98	-54 (4nW)
1000 – 3000	-57.37	-47 (20nW)
3000 – 8000	-66.60	-47 (20nW)
8000 – 12750	-68.32	-47 (20nW)

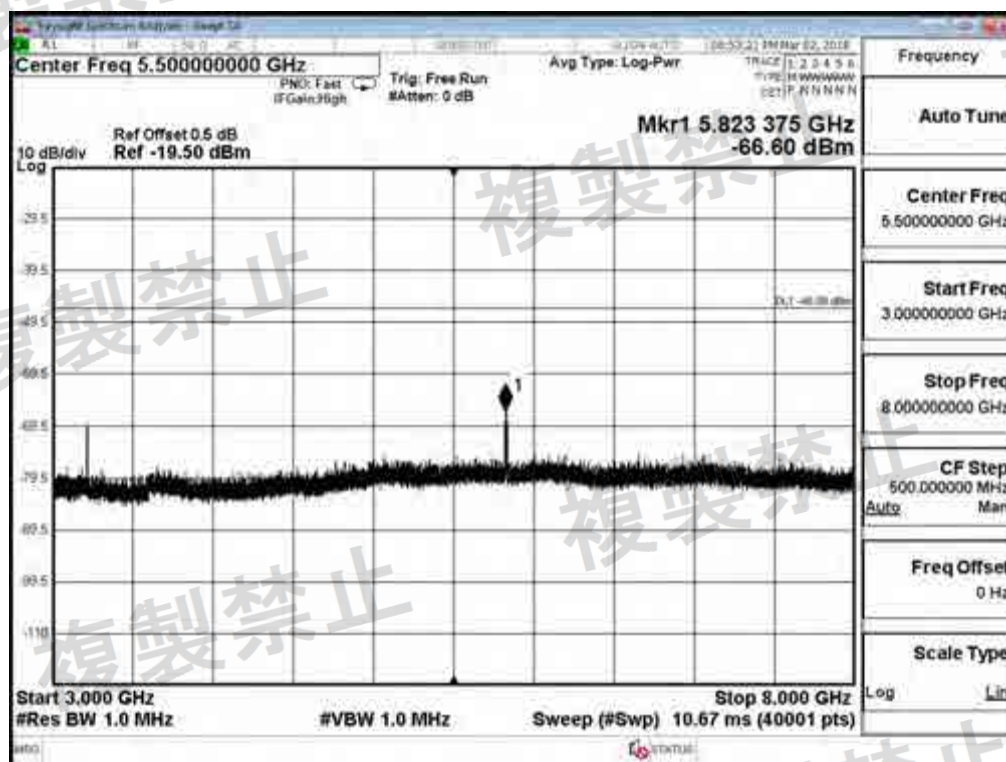
30-1000MHz



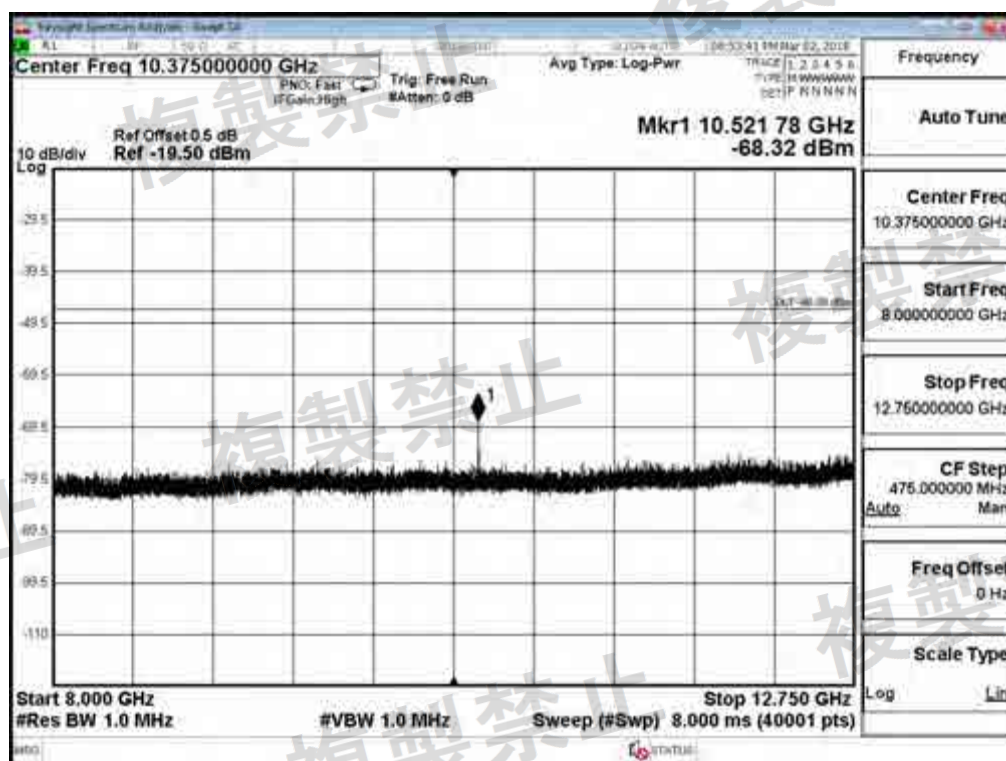
1000 – 3000MHz



3000 – 8000MHz



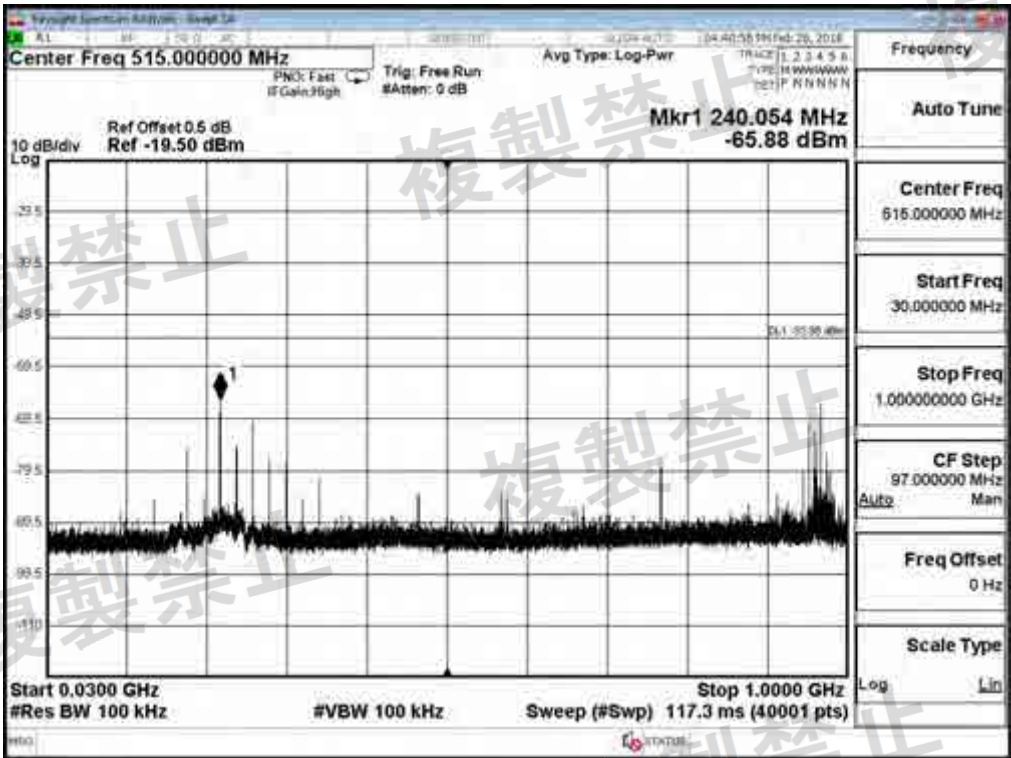
8000 – 12750MHz



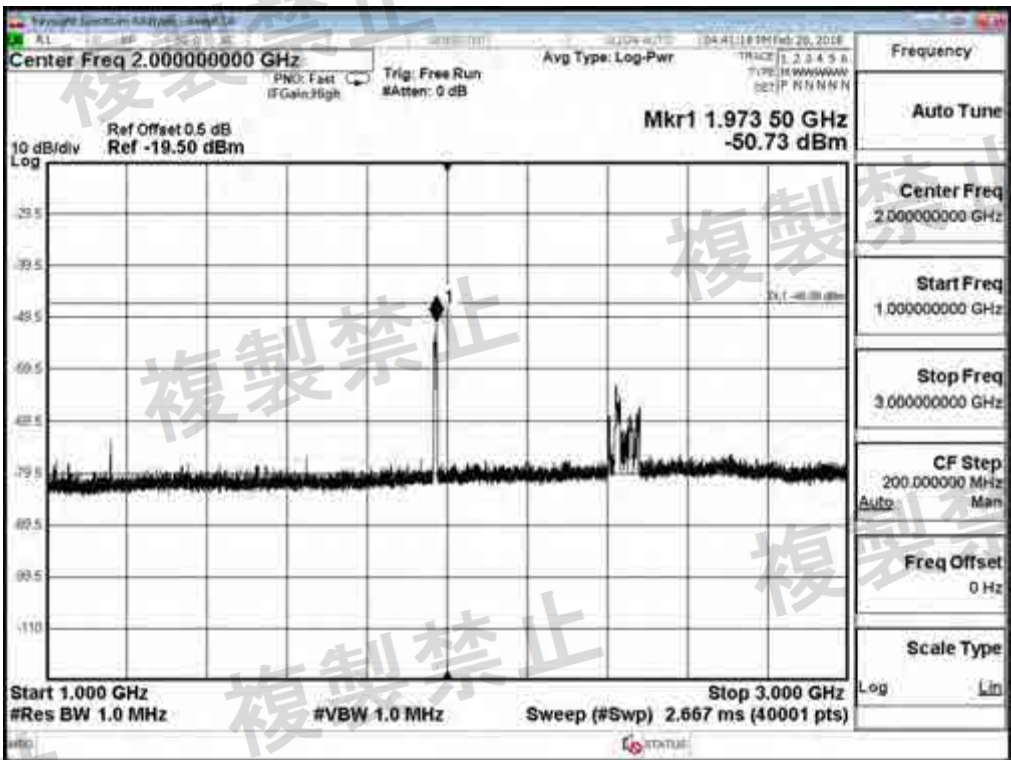
Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11n MCS8 20MBW) _2.97V-2442MHz (Antenna A)

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-65.88	-54 (4nW)
1000 – 3000	-50.73	-47 (20nW)
3000 – 8000	-57.69	-47 (20nW)
8000 – 12750	-69.70	-47 (20nW)

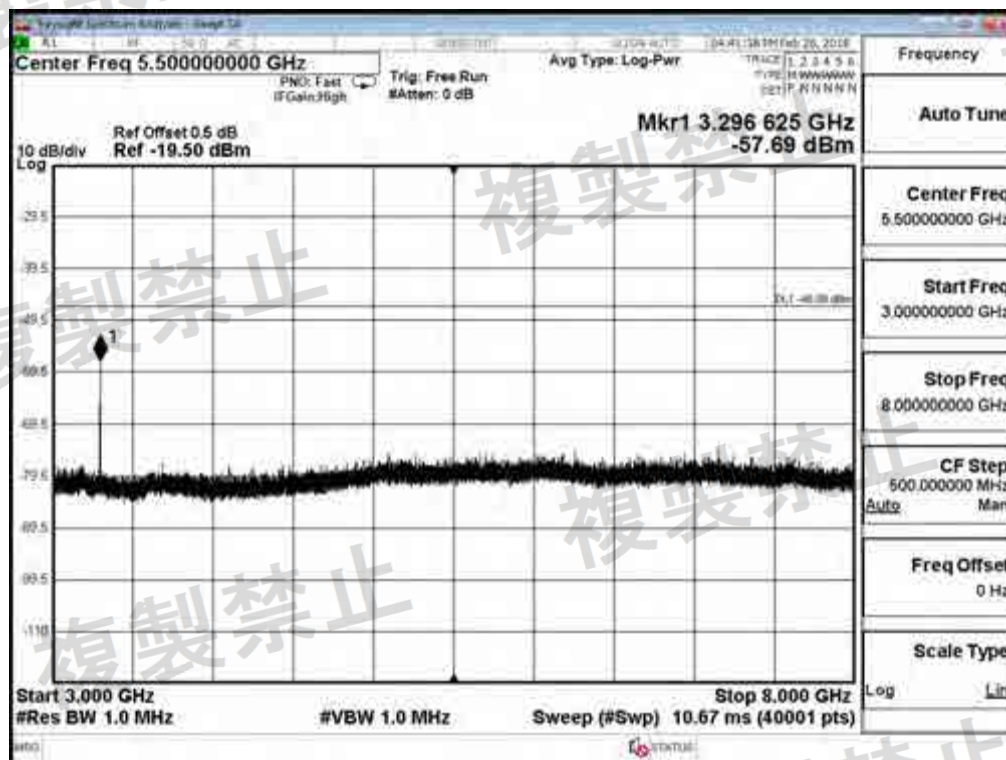
30-1000MHz



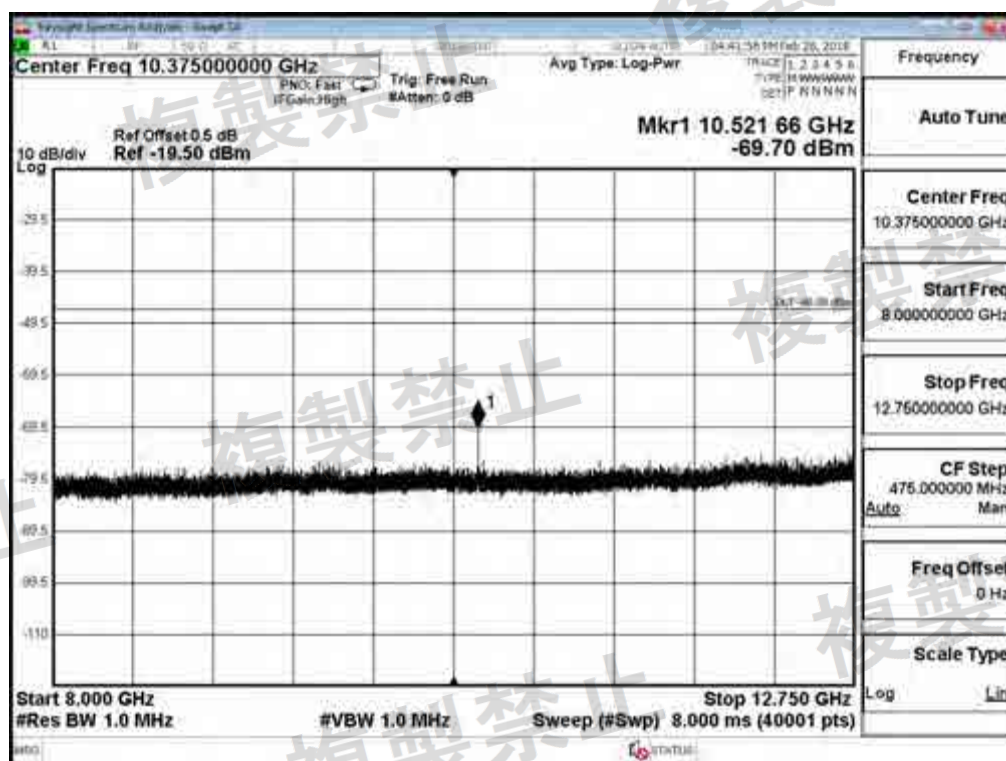
1000 – 3000MHz



3000 – 8000MHz



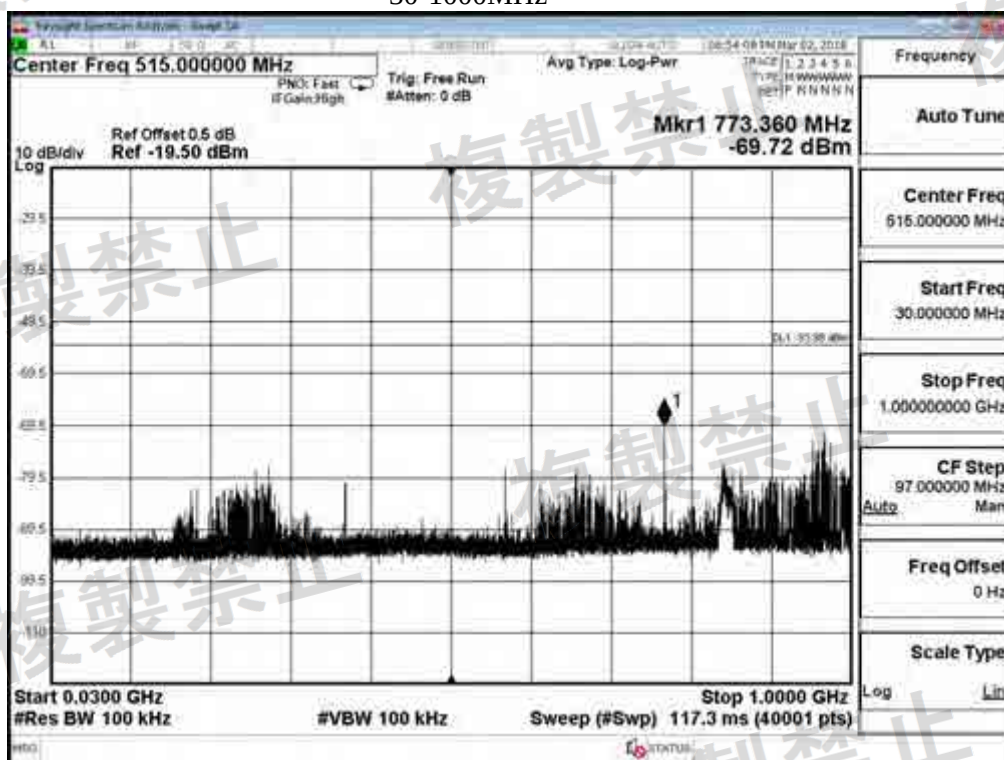
8000 – 12750MHz



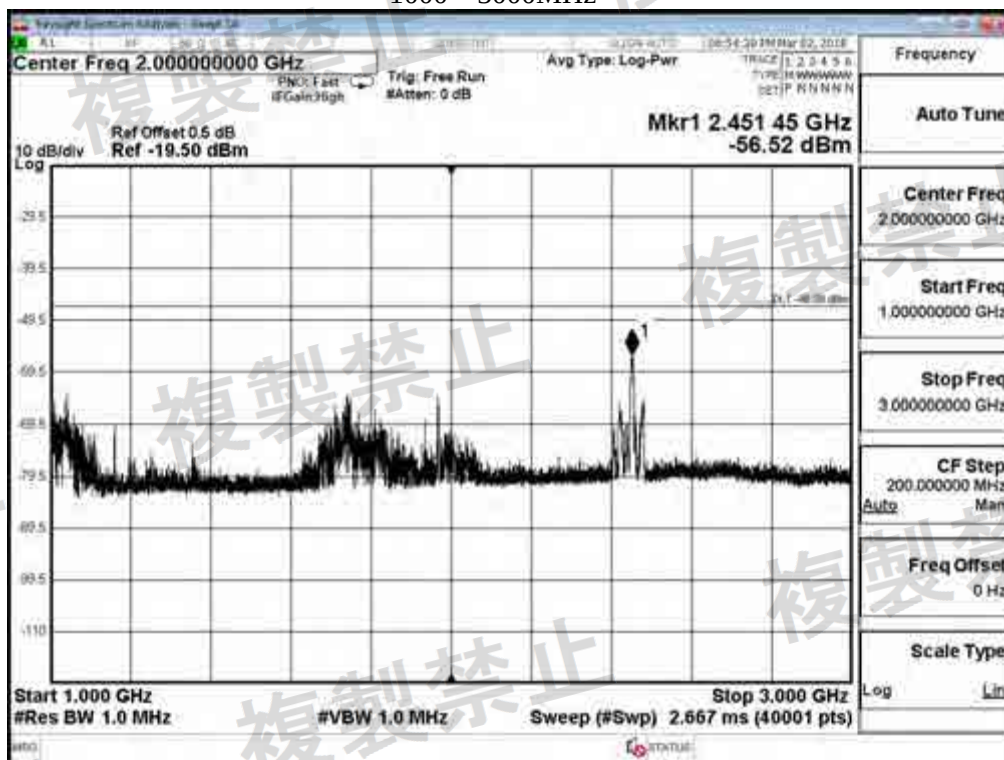
Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11n MCS8 20MBW) _2.97V-2442MHz (Antenna B)

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-69.72	-54 (4nW)
1000 – 3000	-56.52	-47 (20nW)
3000 – 8000	-69.17	-47 (20nW)
8000 – 12750	-67.69	-47 (20nW)

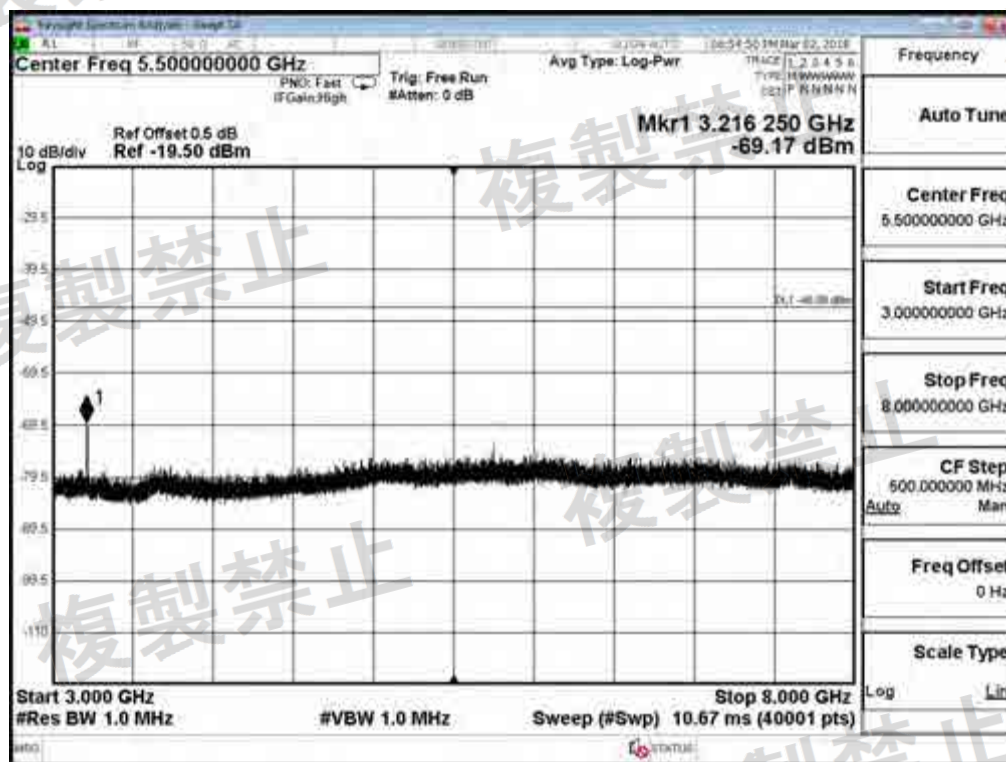
30-1000MHz



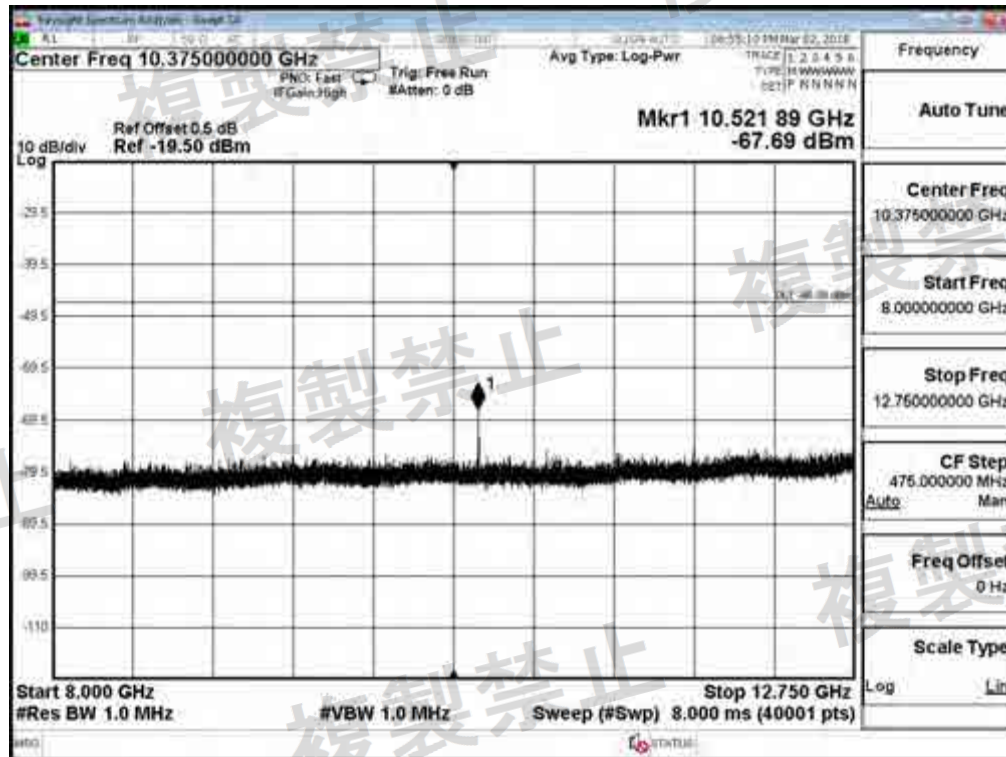
1000 – 3000MHz



3000 – 8000MHz



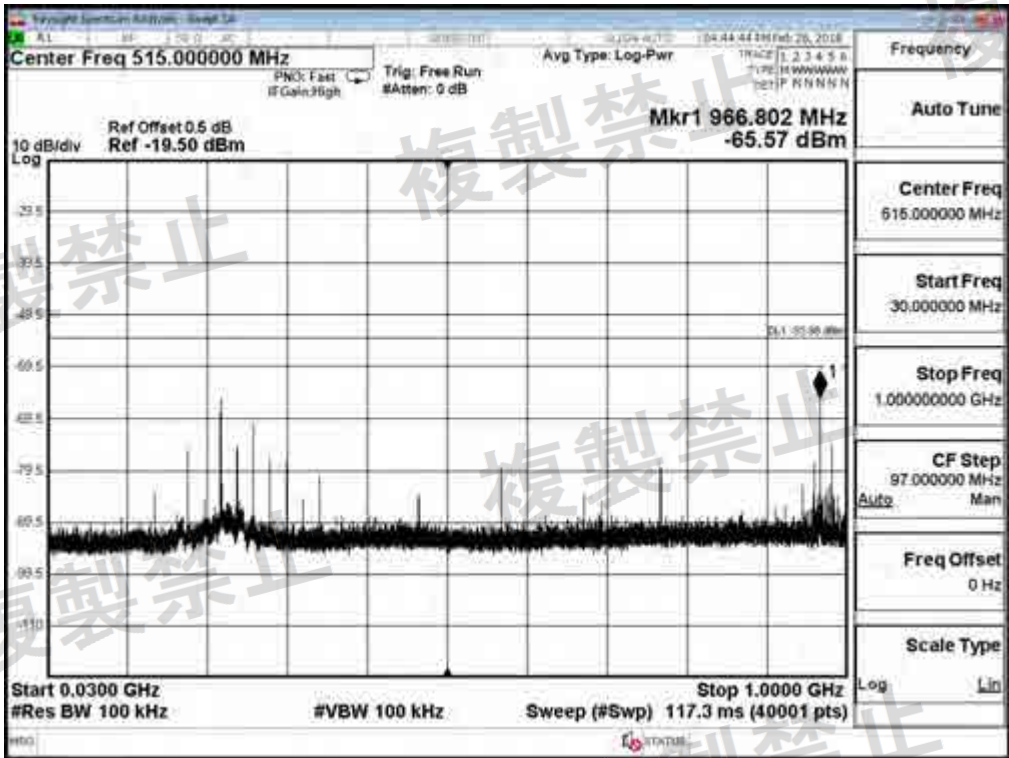
8000 – 12750MHz



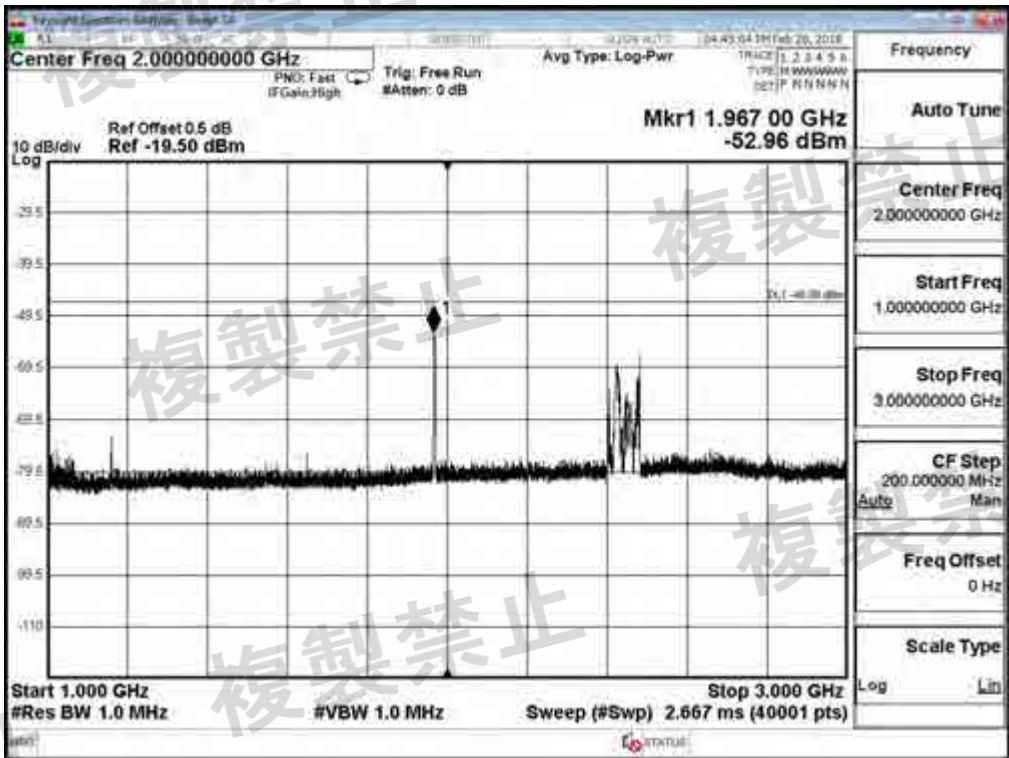
Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11n MCS8 20MBW) _2.97V-2472MHz (Antenna A)

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-65.57	-54 (4nW)
1000 – 3000	-52.96	-47 (20nW)
3000 – 8000	-57.58	-47 (20nW)
8000 – 12750	-69.98	-47 (20nW)

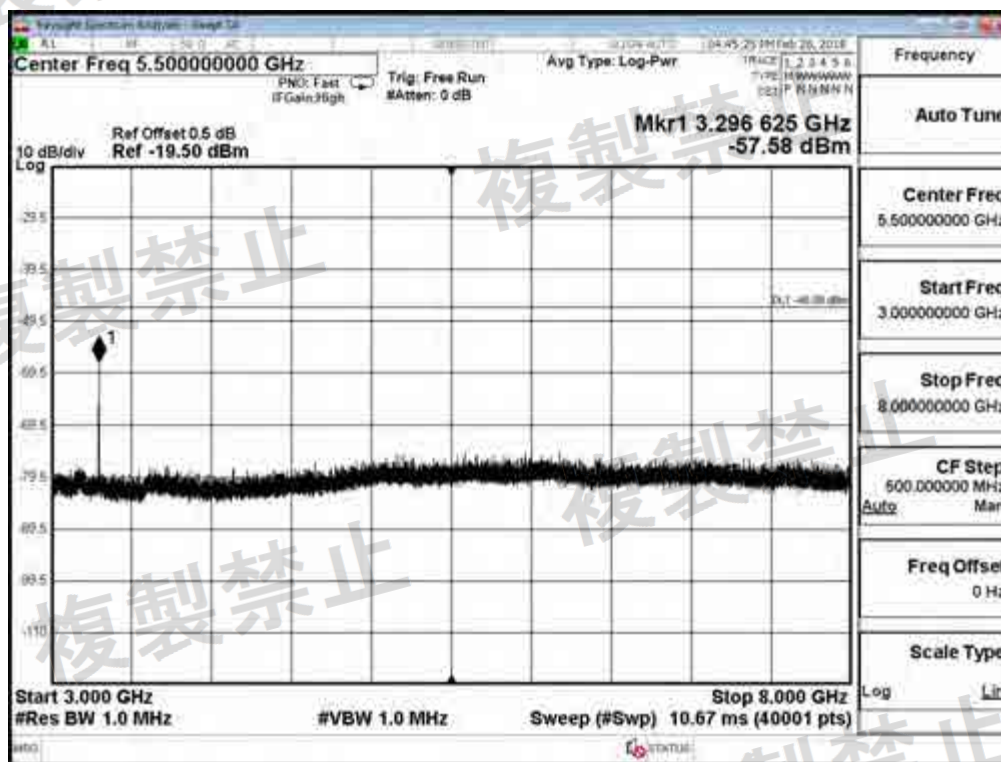
30-1000MHz



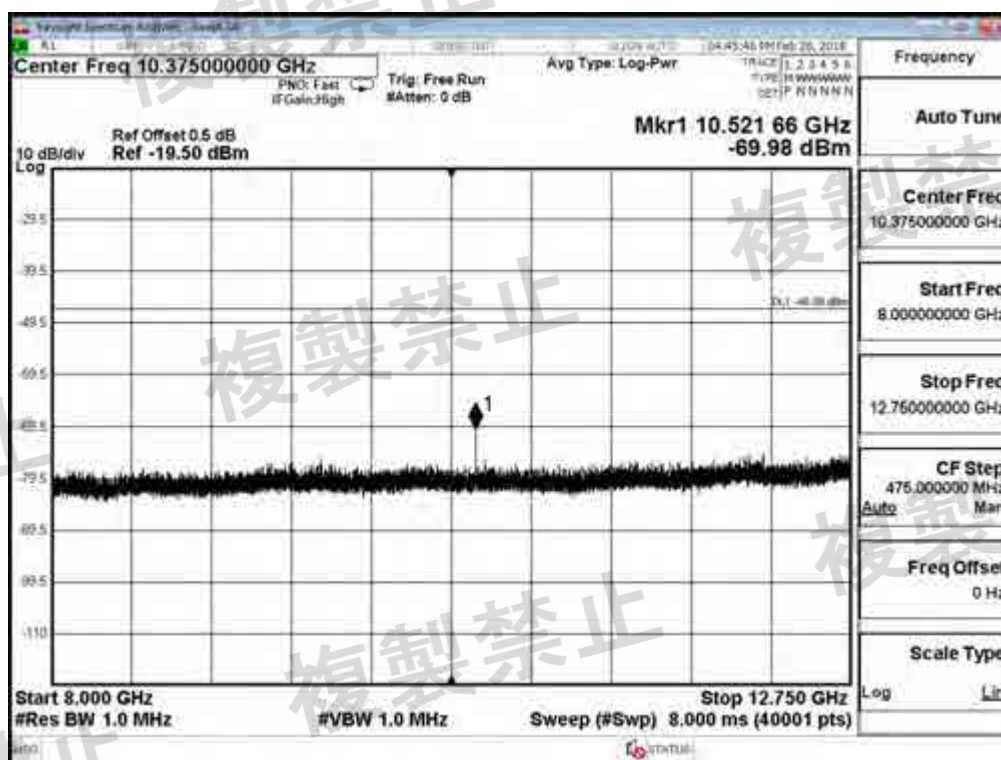
1000 – 3000MHz



3000 – 8000MHz



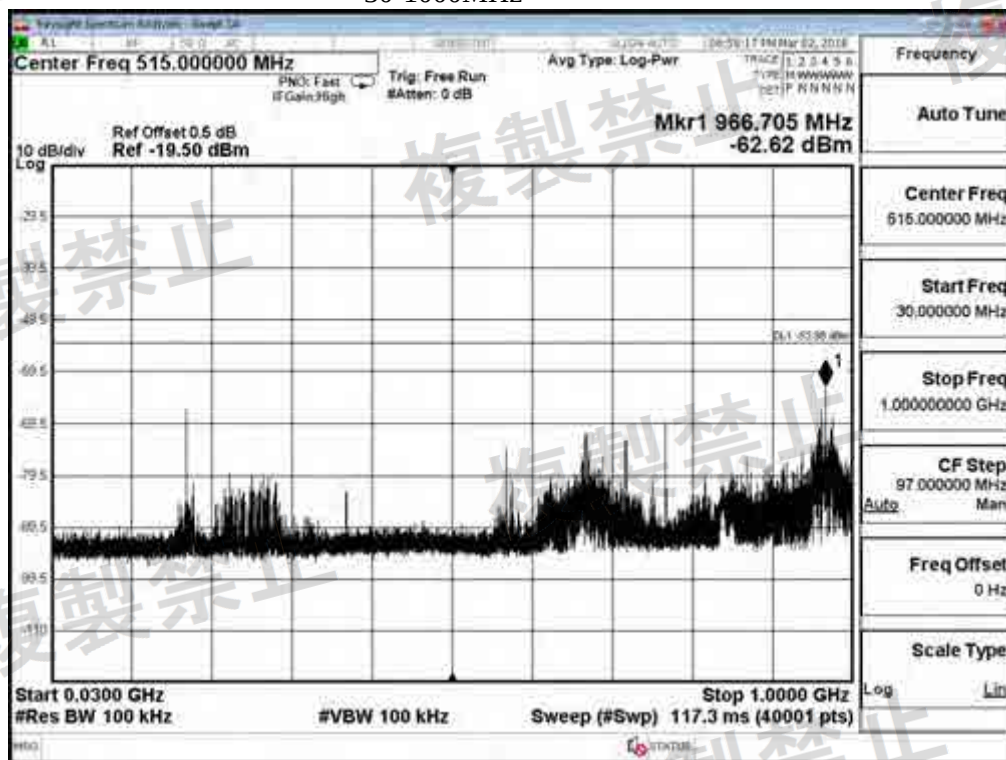
8000 – 12750MHz



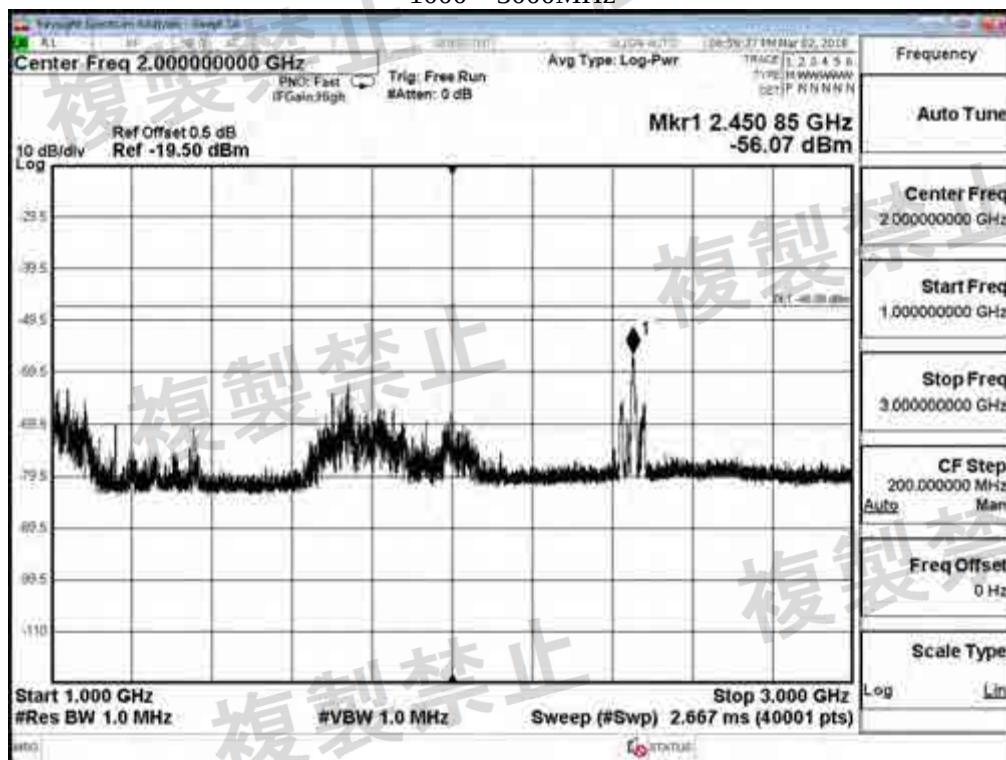
Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11n MCS8 20MBW) _2.97V-2472MHz (Antenna B)

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-62.62	-54 (4nW)
1000 – 3000	-56.07	-47 (20nW)
3000 – 8000	-66.66	-47 (20nW)
8000 – 12750	-68.05	-47 (20nW)

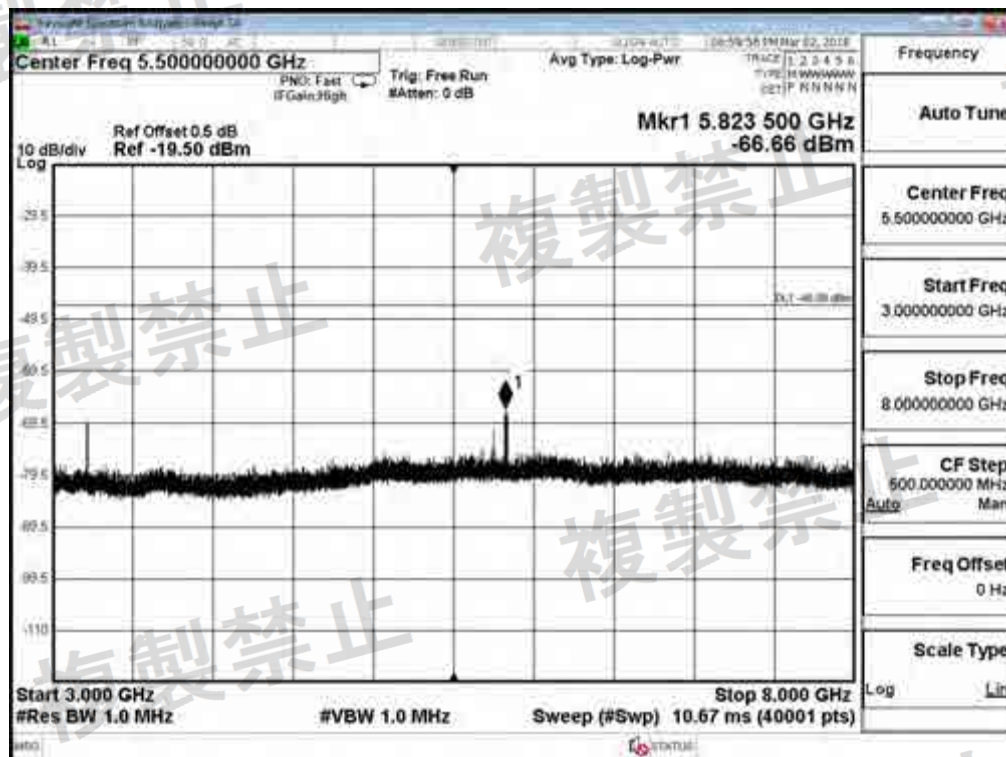
30-1000MHz



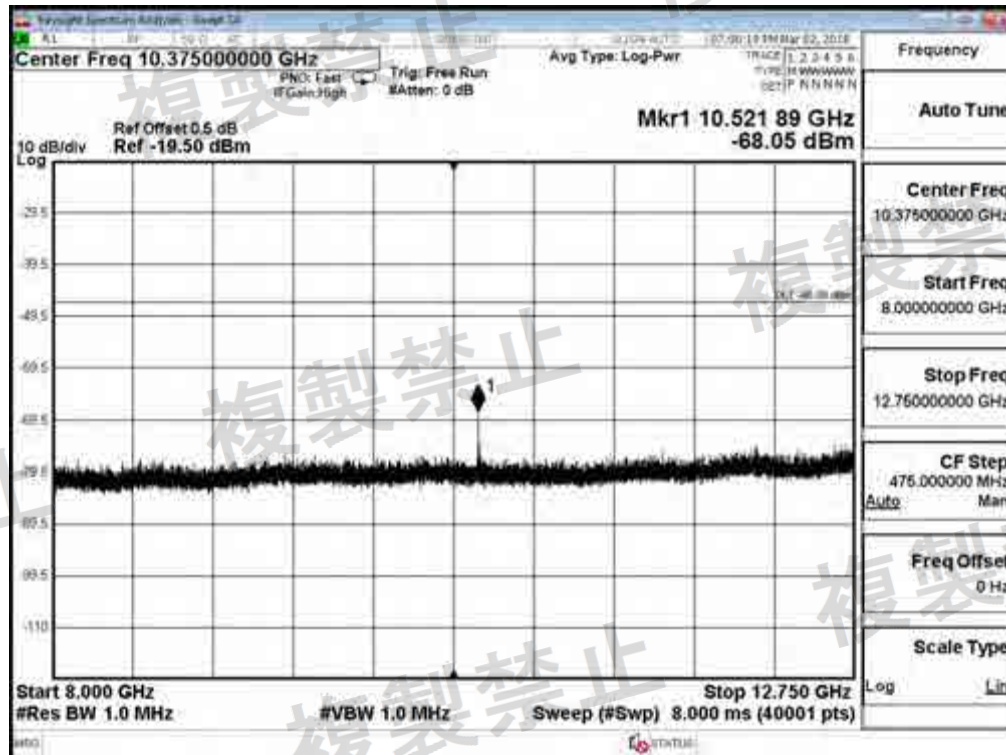
1000 – 3000MHz



3000 – 8000MHz



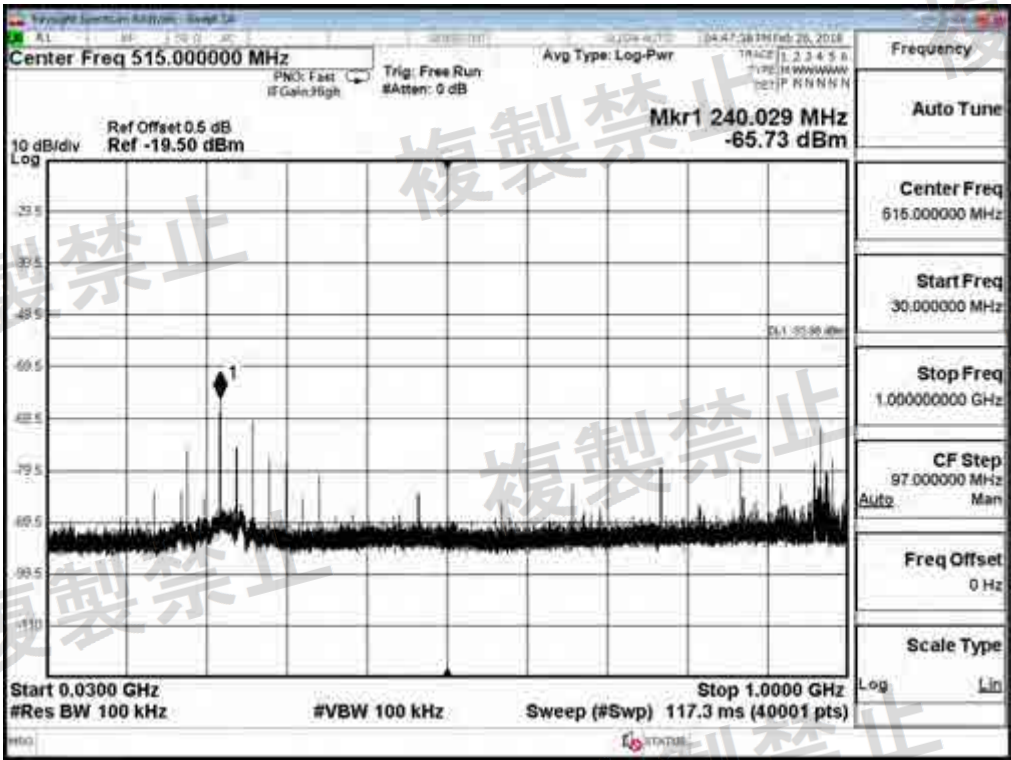
8000 – 12750MHz



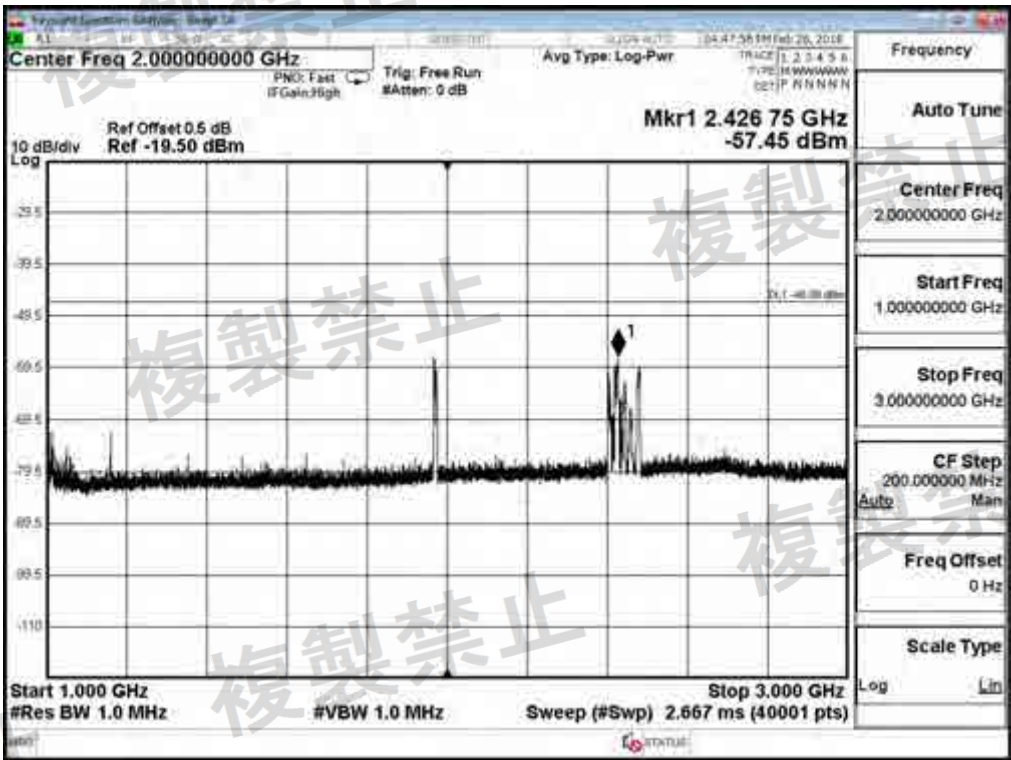
Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11n MCS8 40MBW)_2.97V-2422MHz (Antenna A)

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-65.73	-54 (4nW)
1000 – 3000	-57.45	-47 (20nW)
3000 – 8000	-57.63	-47 (20nW)
8000 – 12750	-65.93	-47 (20nW)

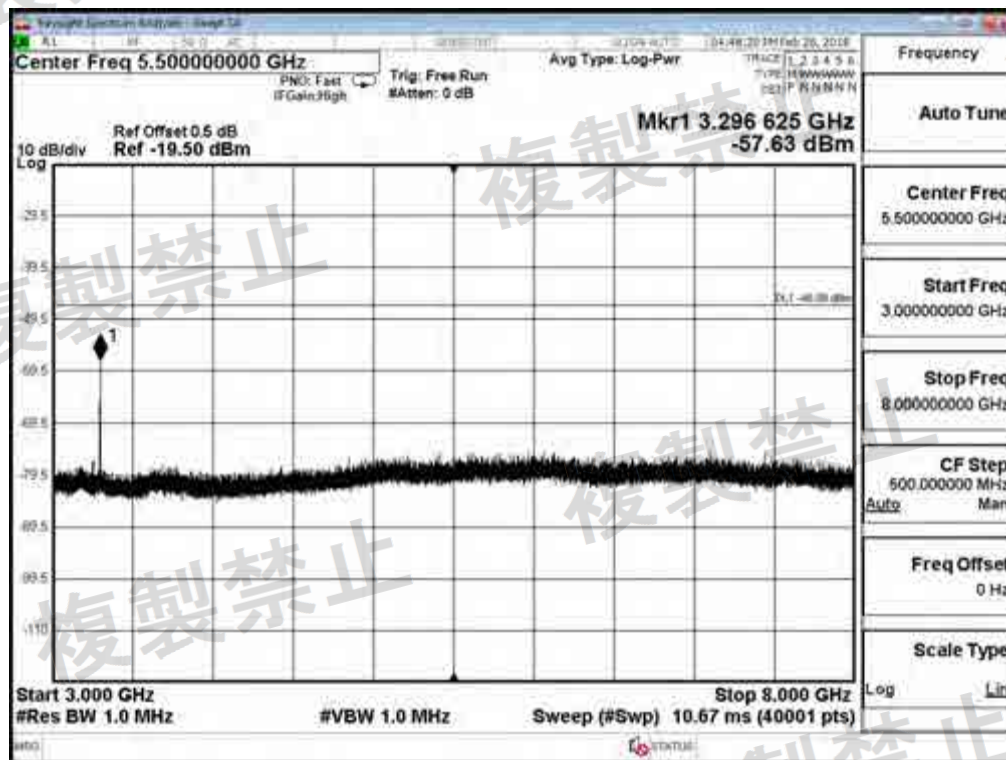
30-1000MHz



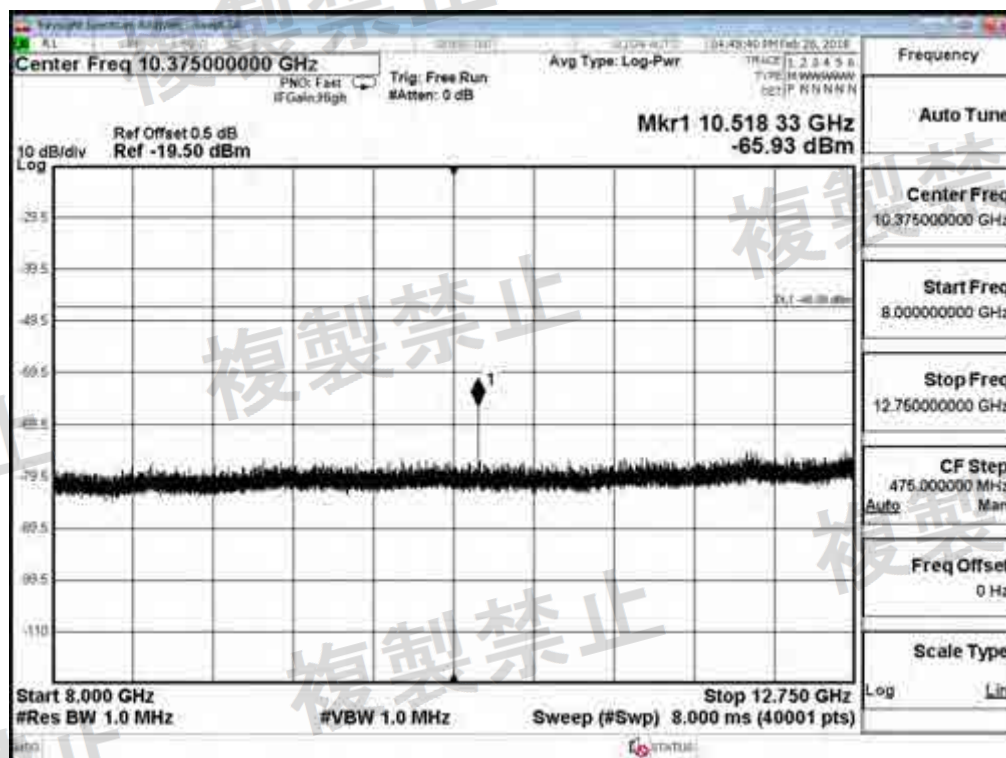
1000 – 3000MHz



3000 – 8000MHz



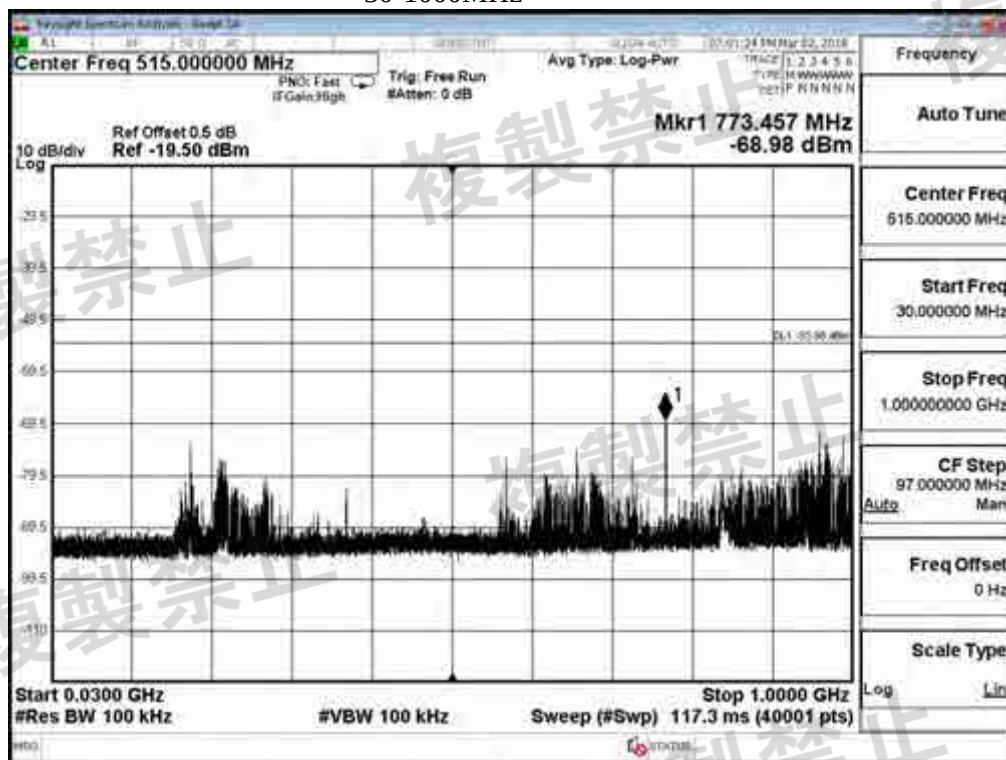
8000 – 12750MHz



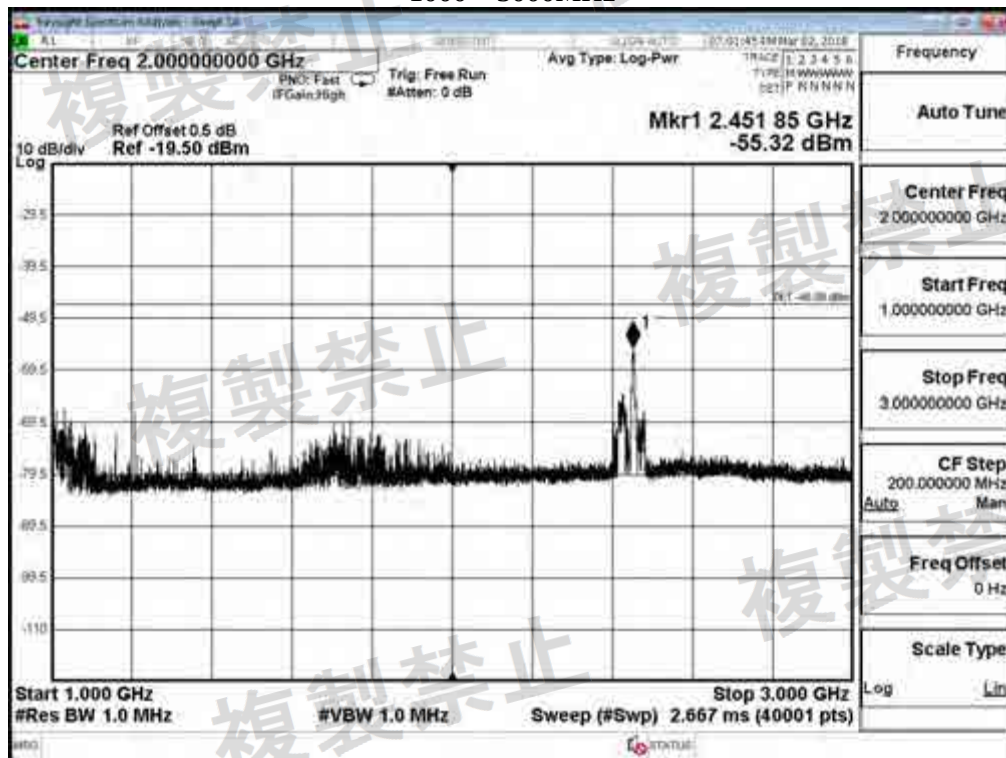
Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11n MCS8 40MBW)_2.97V-2422MHz (Antenna B)

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-68.98	-54 (4nW)
1000 – 3000	-55.32	-47 (20nW)
3000 – 8000	-67.26	-47 (20nW)
8000 – 12750	-68.27	-47 (20nW)

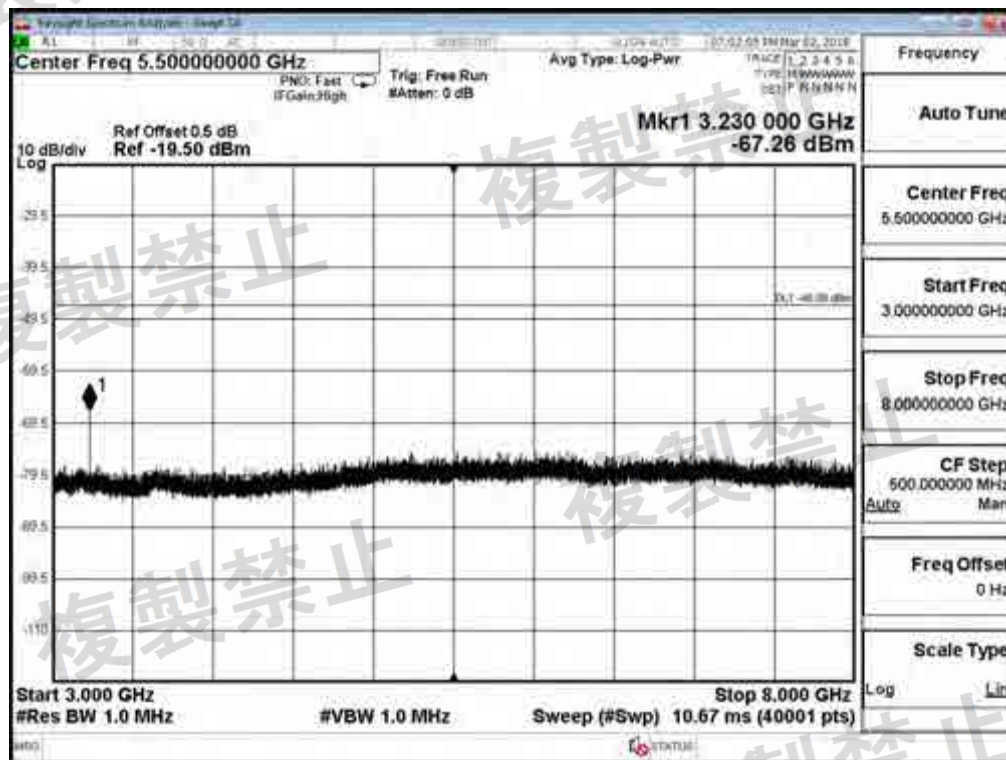
30-1000MHz



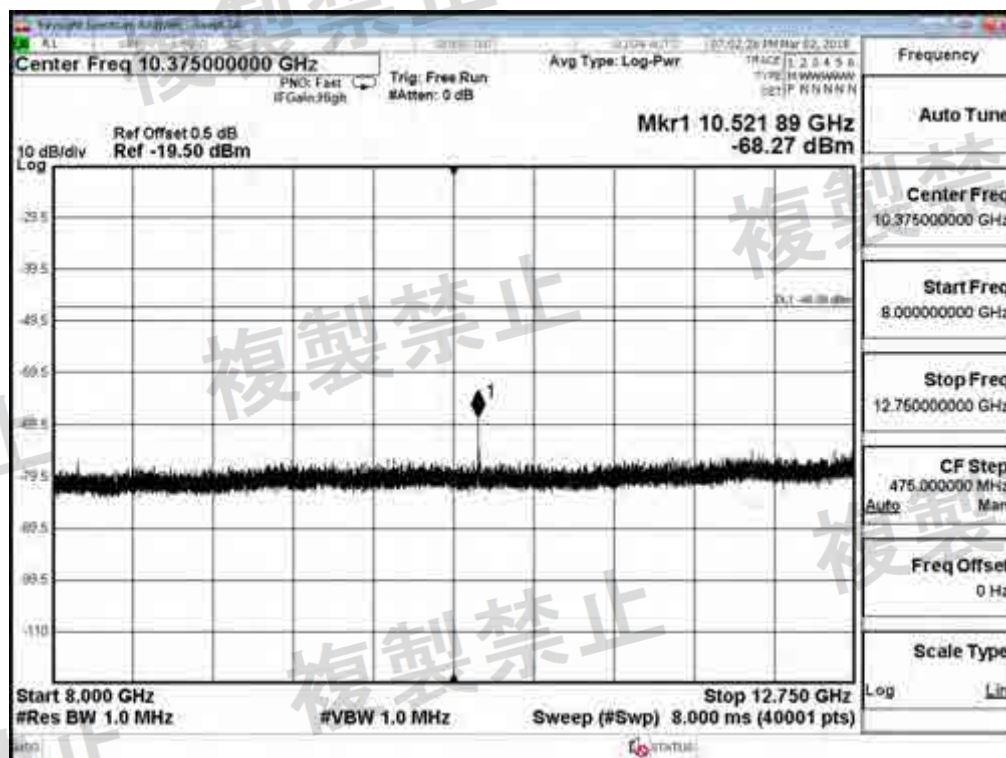
1000 – 3000MHz



3000 – 8000MHz



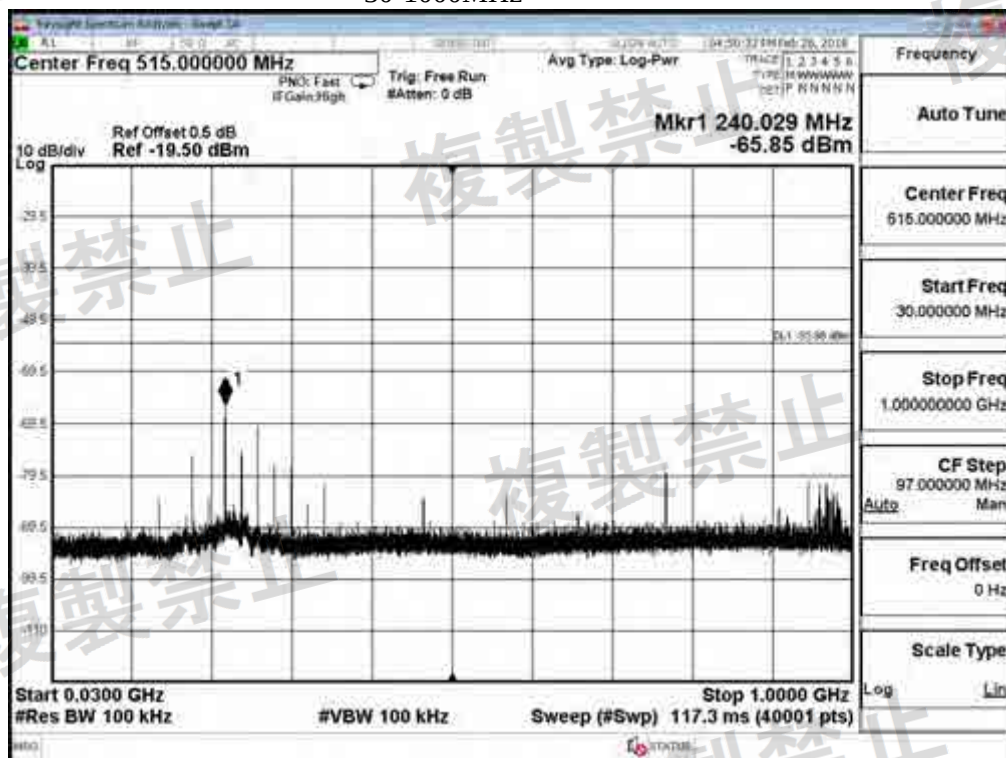
8000 – 12750MHz



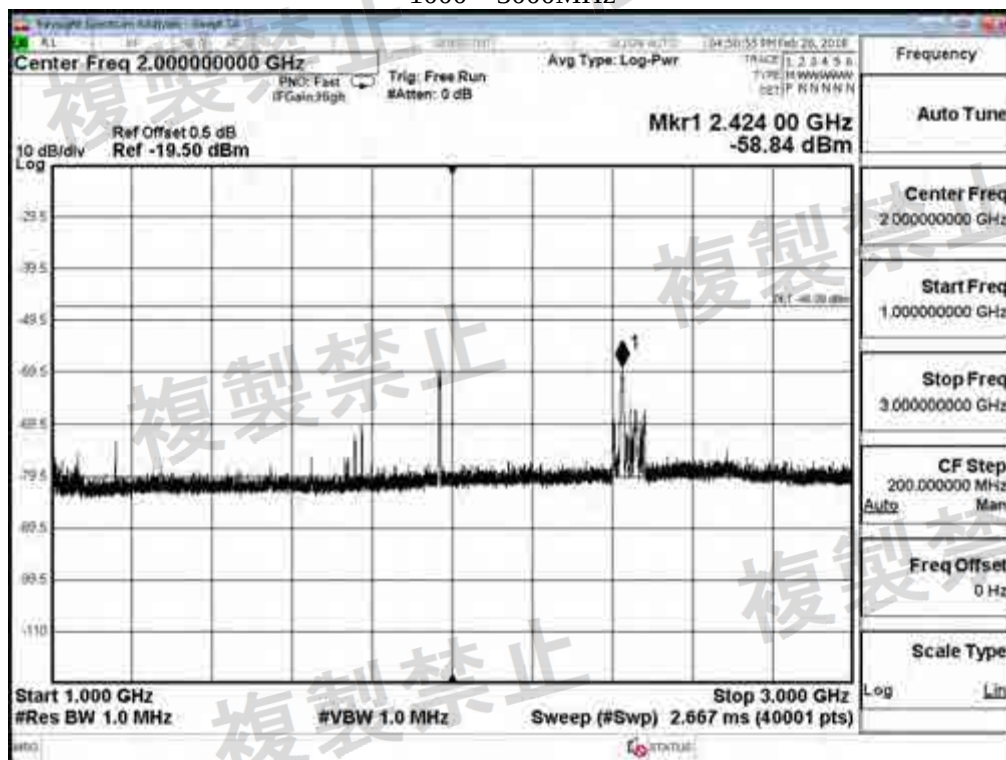
Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11n MCS8 40MBW)_2.97V-2437MHz (Antenna A)

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-65.85	-54 (4nW)
1000 – 3000	-58.84	-47 (20nW)
3000 – 8000	-57.72	-47 (20nW)
8000 – 12750	-68.26	-47 (20nW)

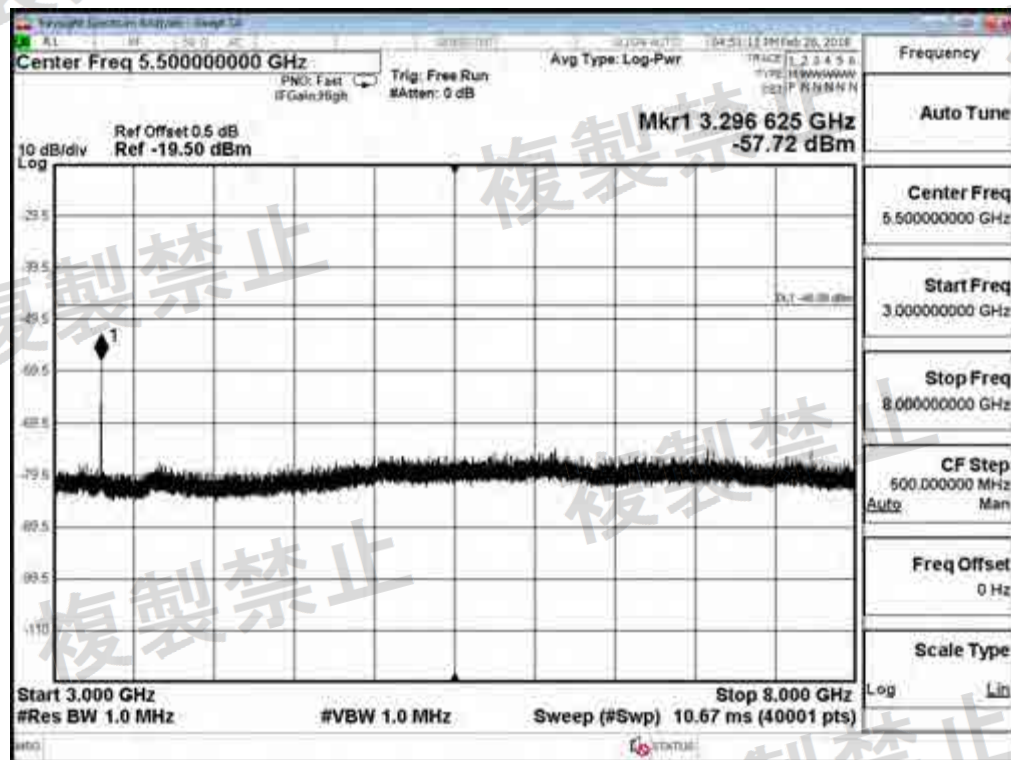
30-1000MHz



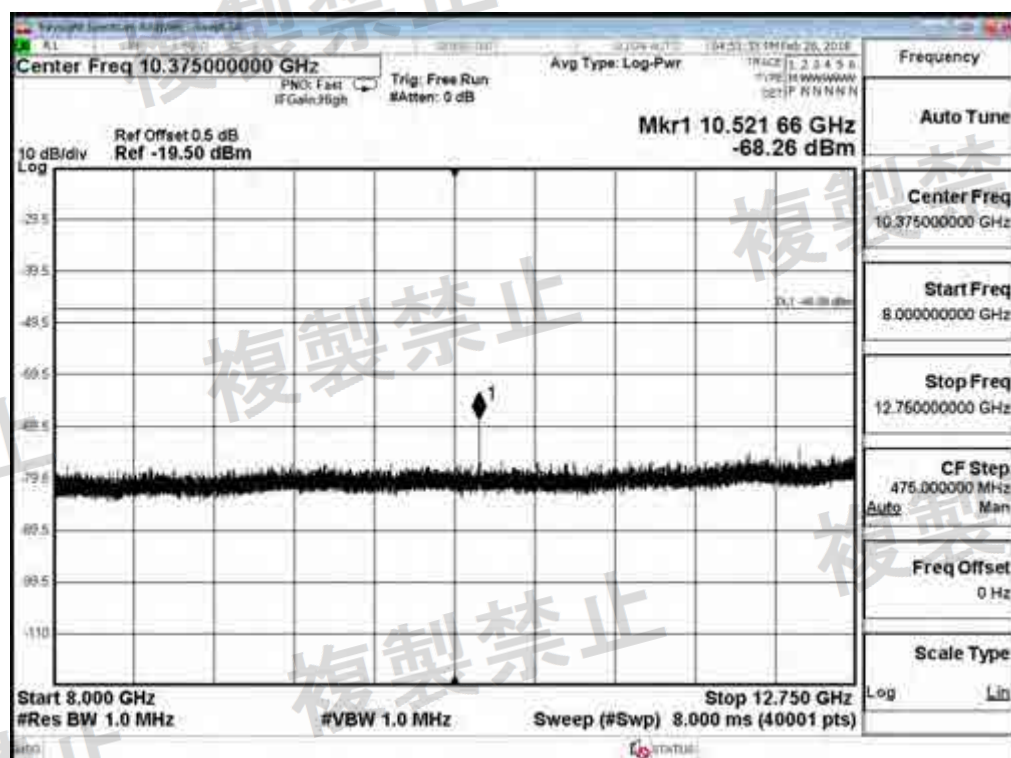
1000 – 3000MHz



3000 – 8000MHz



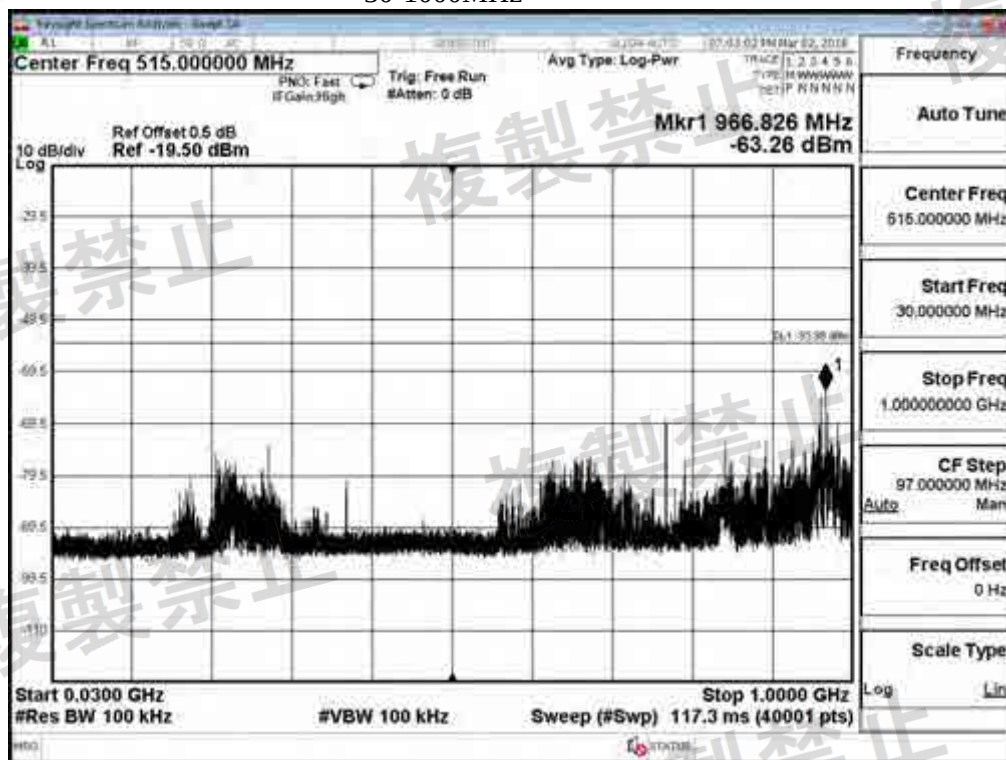
8000 – 12750MHz



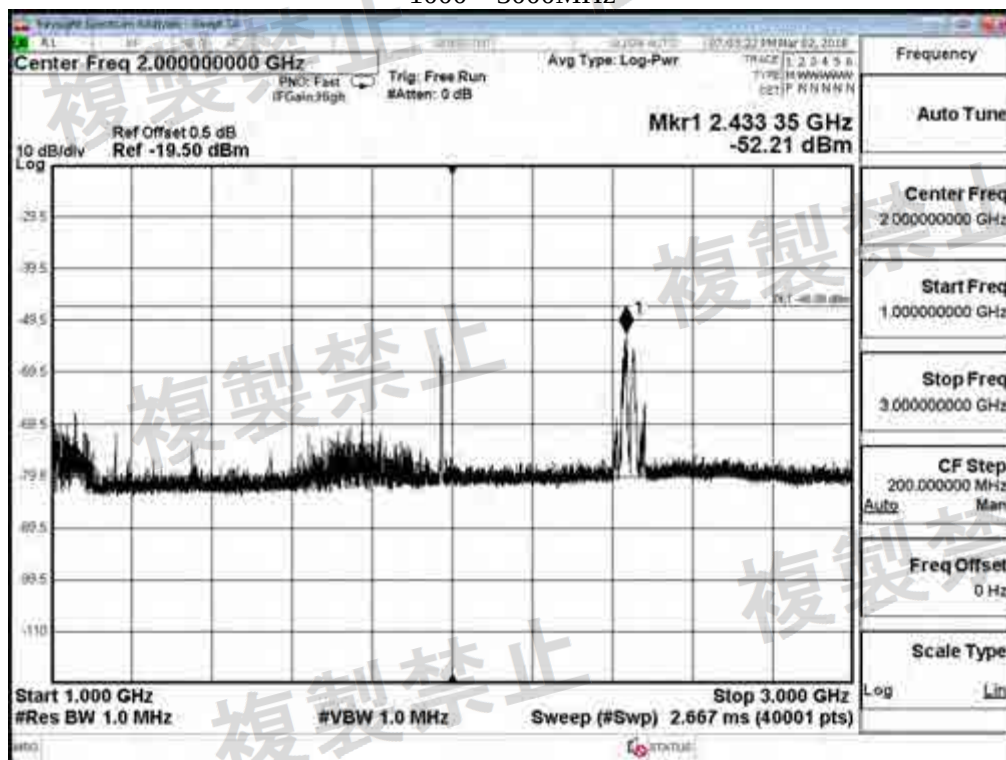
Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11n MCS8 40MBW)_2.97V-2437MHz (Antenna B)

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-63.26	-54 (4nW)
1000 – 3000	-52.21	-47 (20nW)
3000 – 8000	-62.13	-47 (20nW)
8000 – 12750	-67.80	-47 (20nW)

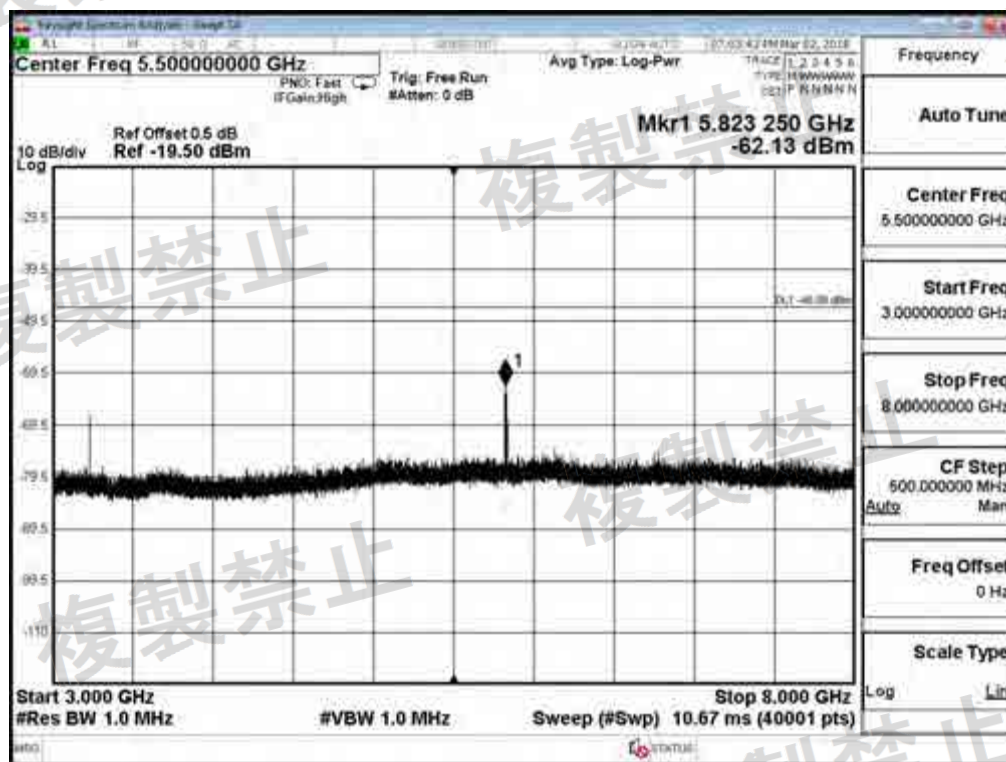
30-1000MHz



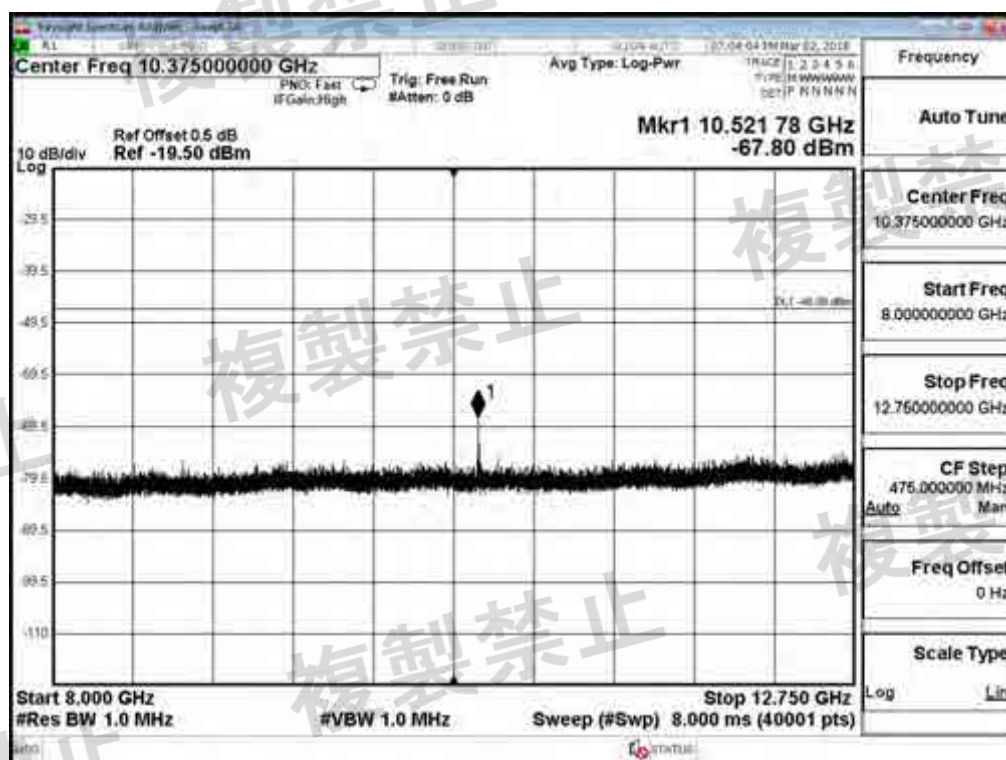
1000 – 3000MHz



3000 – 8000MHz



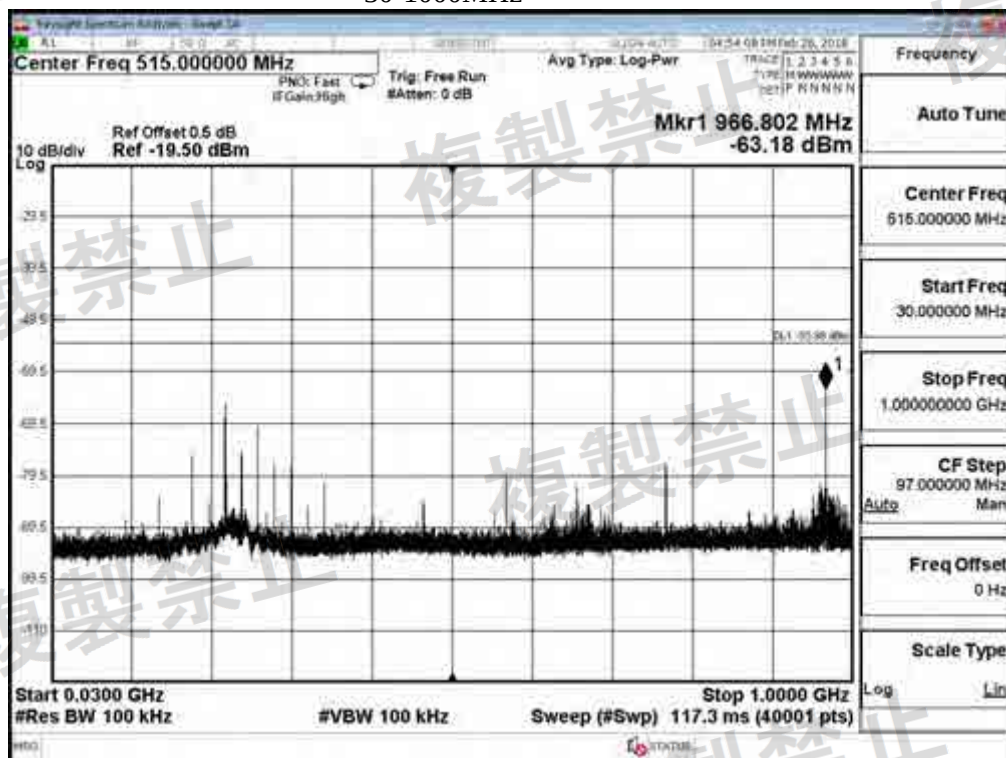
8000 – 12750MHz



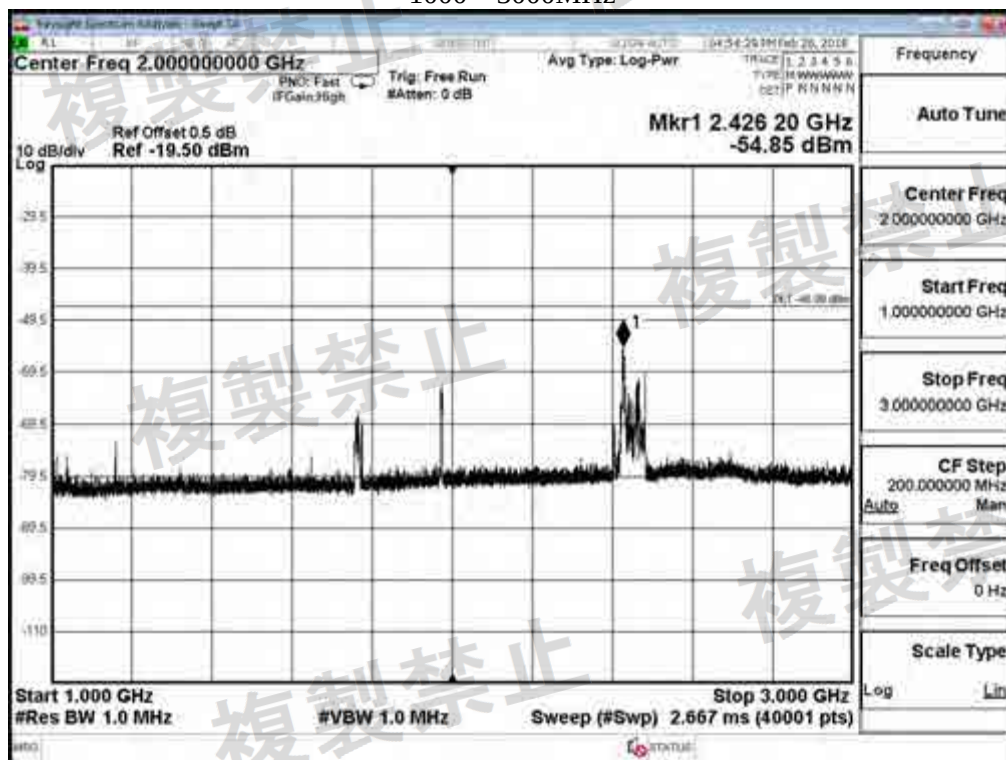
Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11n MCS8 40MBW)_2.97V-2462MHz (Antenna A)

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-63.18	-54 (4nW)
1000 – 3000	-54.85	-47 (20nW)
3000 – 8000	-57.68	-47 (20nW)
8000 – 12750	-70.12	-47 (20nW)

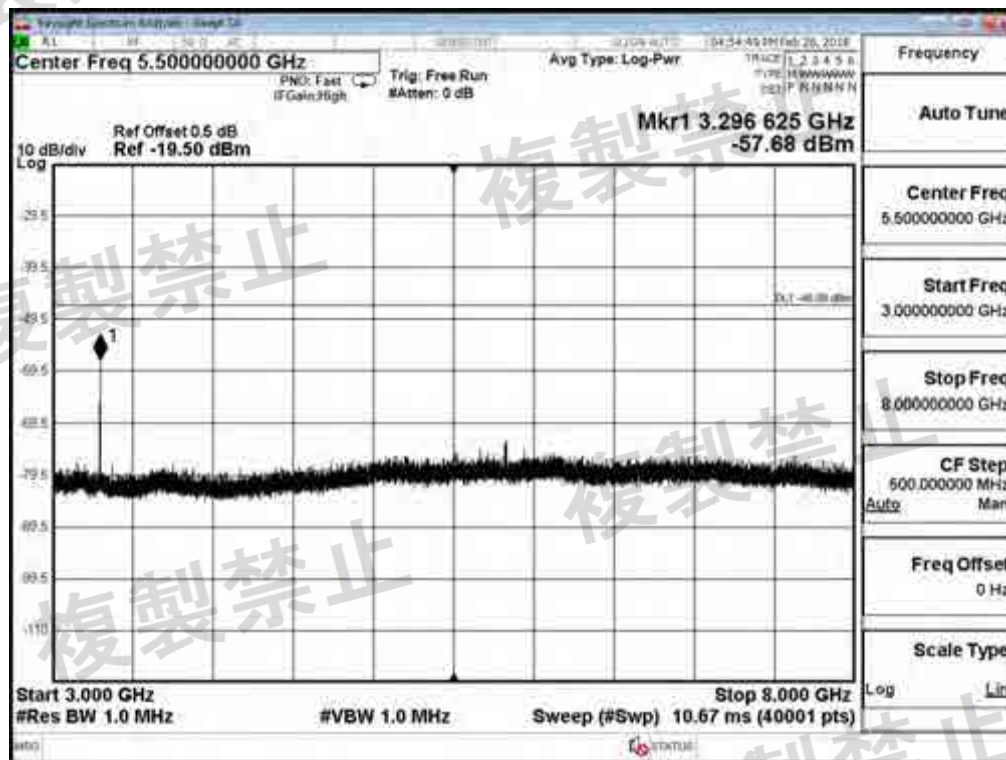
30-1000MHz



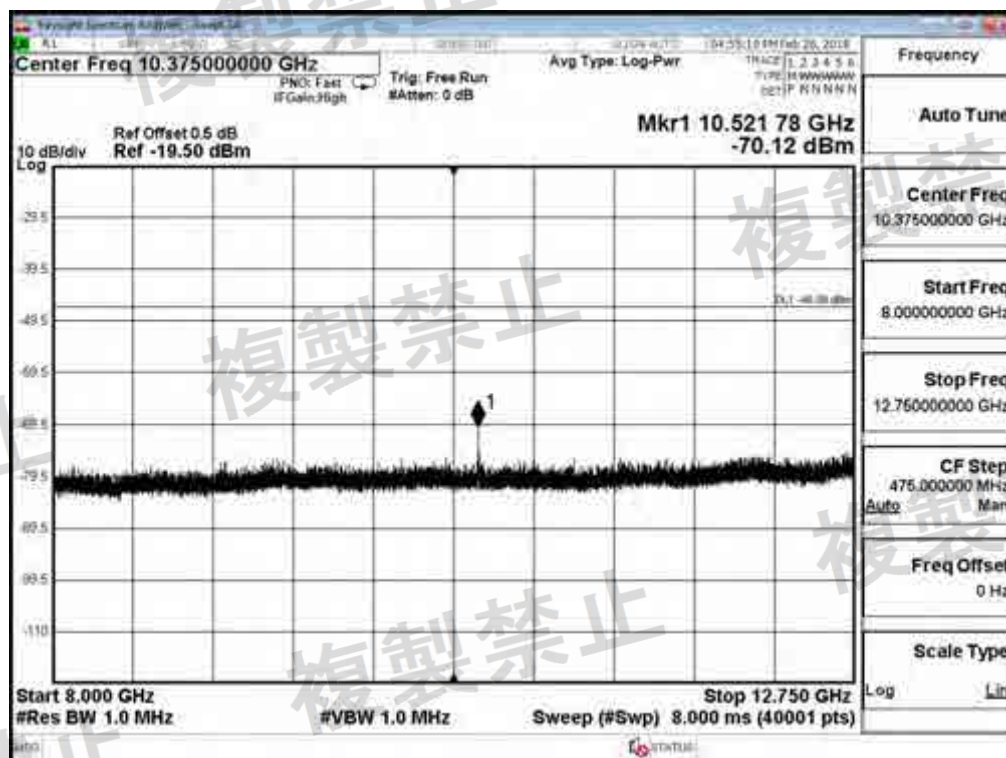
1000 – 3000MHz



3000 – 8000MHz



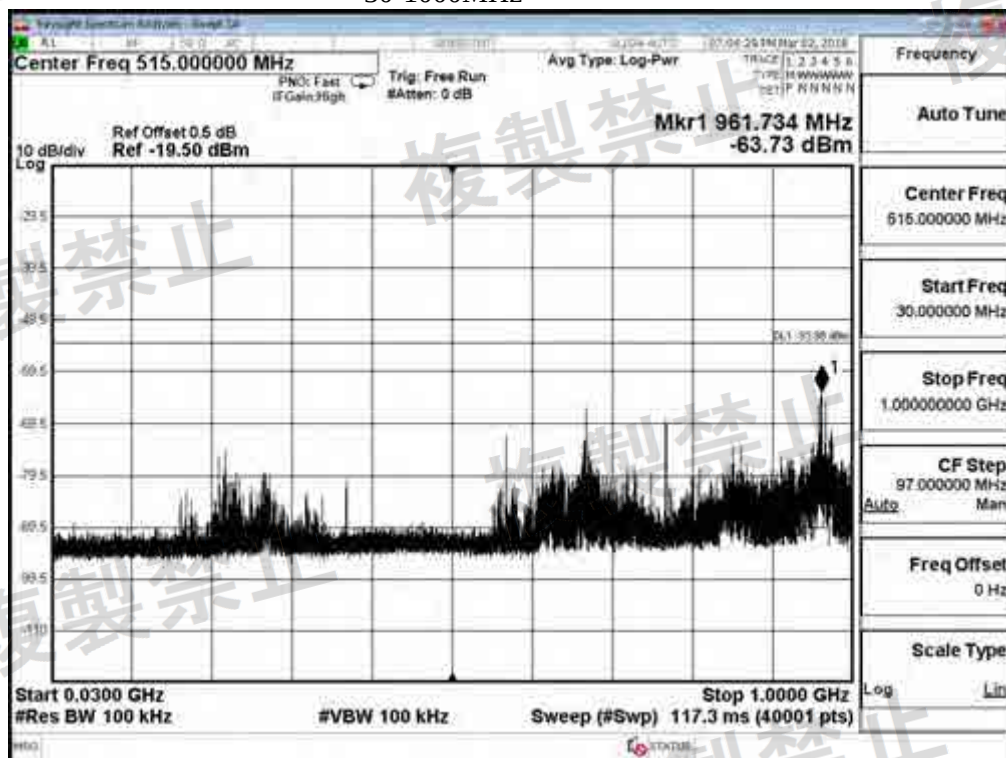
8000 – 12750MHz



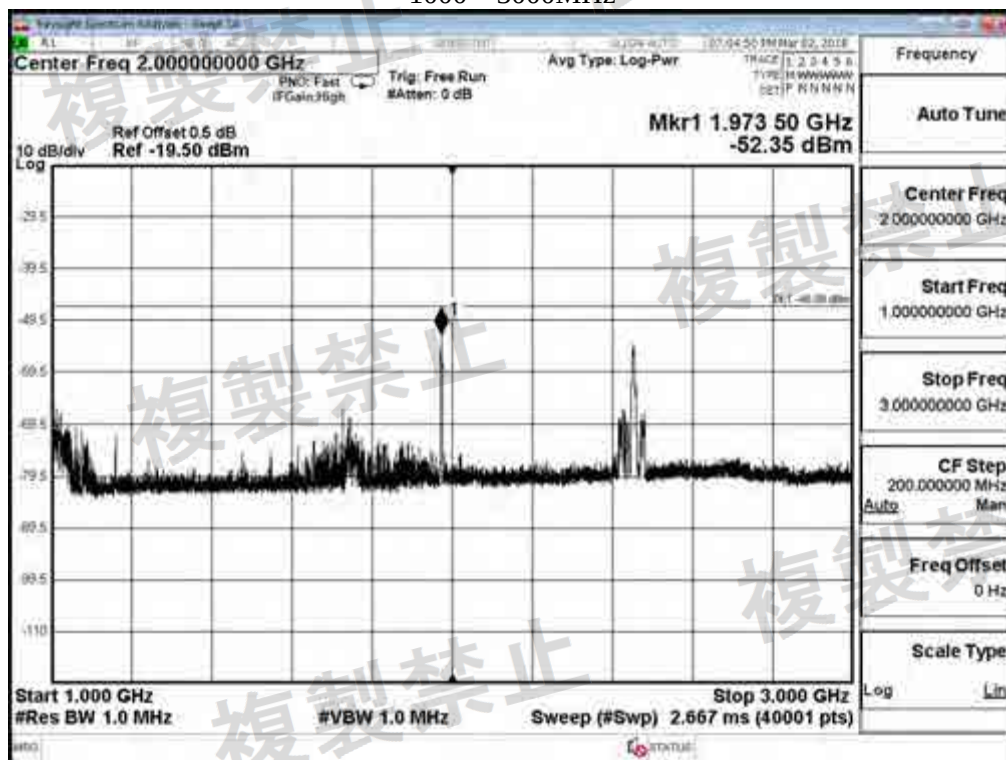
Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11n MCS8 40MBW)_2.97V– 2462MHz (Antenna B)

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-63.73	-54 (4nW)
1000 – 3000	-52.35	-47 (20nW)
3000 – 8000	-64.97	-47 (20nW)
8000 – 12750	-67.95	-47 (20nW)

30-1000MHz



1000 – 3000MHz



Center Freq 5.500000000 GHz

Ref Offset 0.5 dB
Ref -19.50 dBm

10 dB/div
Log

Mkr1 5.833 250 GHz
-64.97 dBm

Start 3.000 GHz
#Res BW 1.0 MHz

Stop 8.000 GHz
Sweep (#Swp) 10.67 ms (40001 pts)

Center Freq 5.500000000 GHz

Start Freq 3.000000000 GHz

Stop Freq 8.000000000 GHz

CF Step 500.000000 MHz
Auto

Freq Offset 0 Hz

Scale Type

Log

Center Freq 10.37500000 GHz
PND: Fast IF Gain: High Trig: Free Run #Atten: 0 dB
Avg Type: Log-Pwr
Mkr1 10.52189 GHz -67.95 dBm

10 dB/div
Log
Ref Offset 0.5 dB
Ref -19.50 dBm

Start 8.000 GHz
#Res BW 1.0 MHz
Stop 12.750 GHz
Sweep (#Swp) 8.000 ms (40001 pts)

Frequency

Auto Tune

Center Freq
10.37500000 GHz

Start Freq
8.000000000 GHz

Stop Freq
12.750000000 GHz

CF Step
475.000000 MHz
Auto: Man

Freq Offset
0 Hz

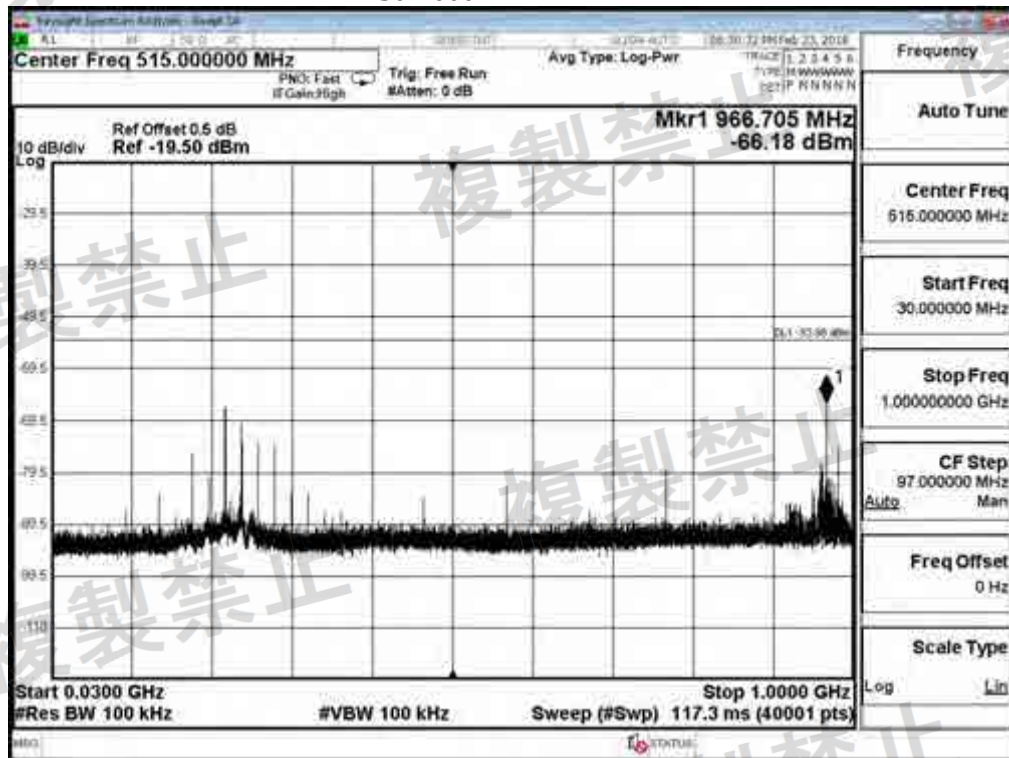
Scale Type

Log Lin

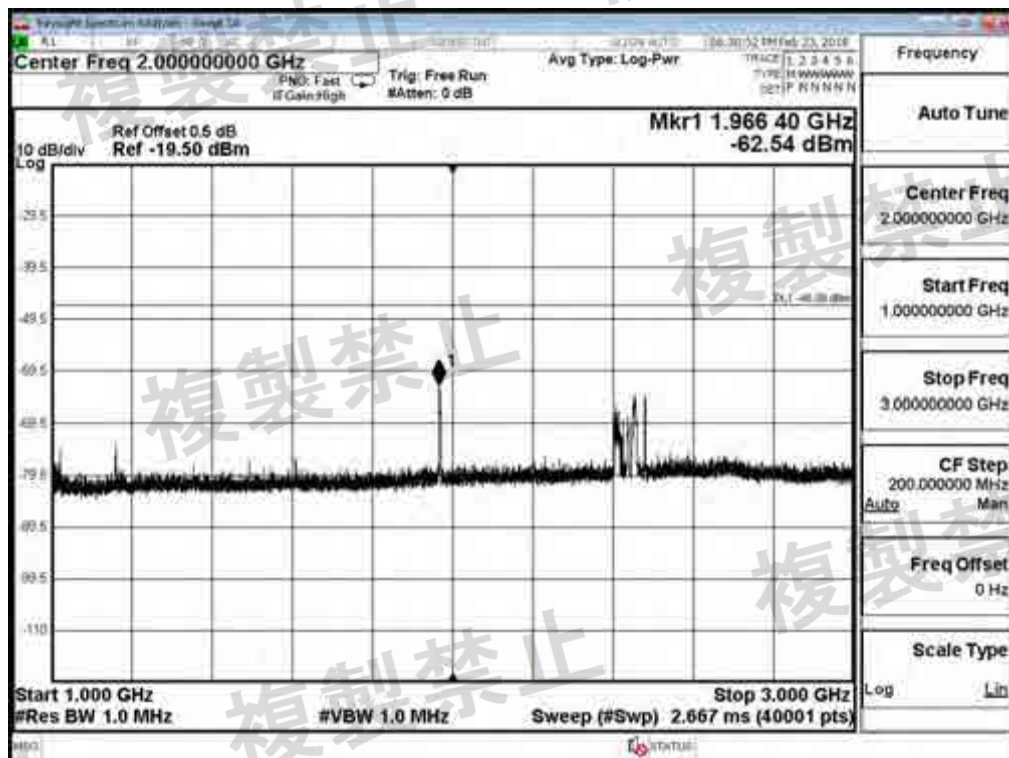
Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11b 1Mbps)_3.3V- 2412MHz

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-66.18	-54 (4nW)
1000 – 3000	-62.54	-47 (20nW)
3000 – 8000	-57.65	-47 (20nW)
8000 – 12750	-66.43	-47 (20nW)

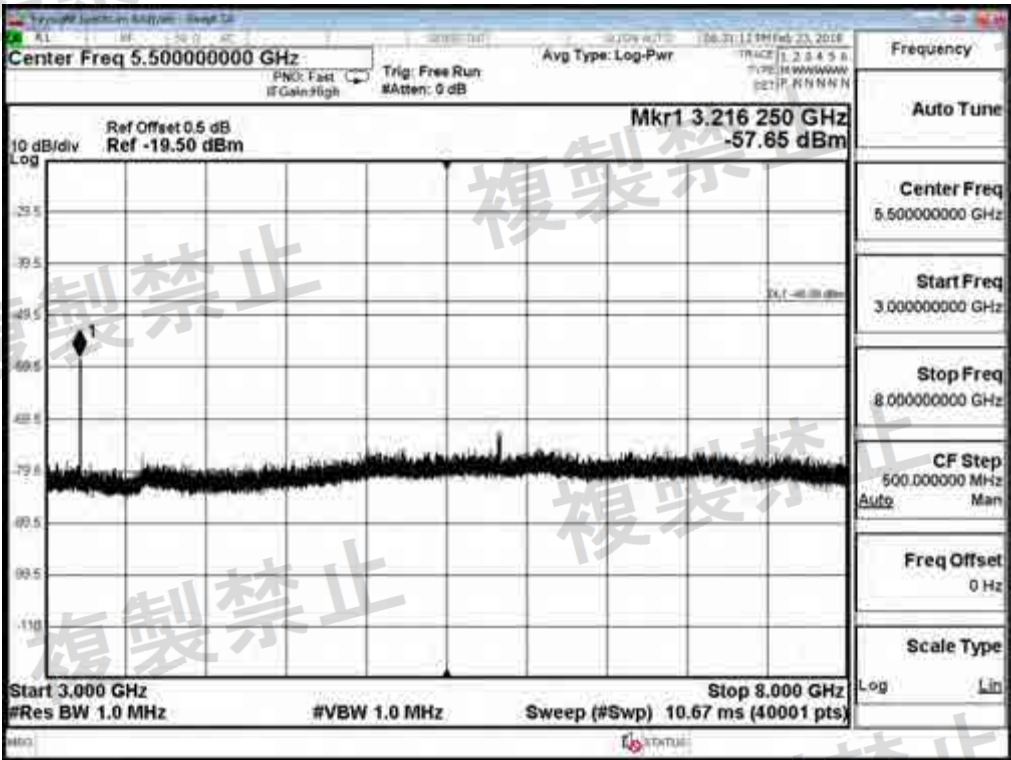
30-1000MHz



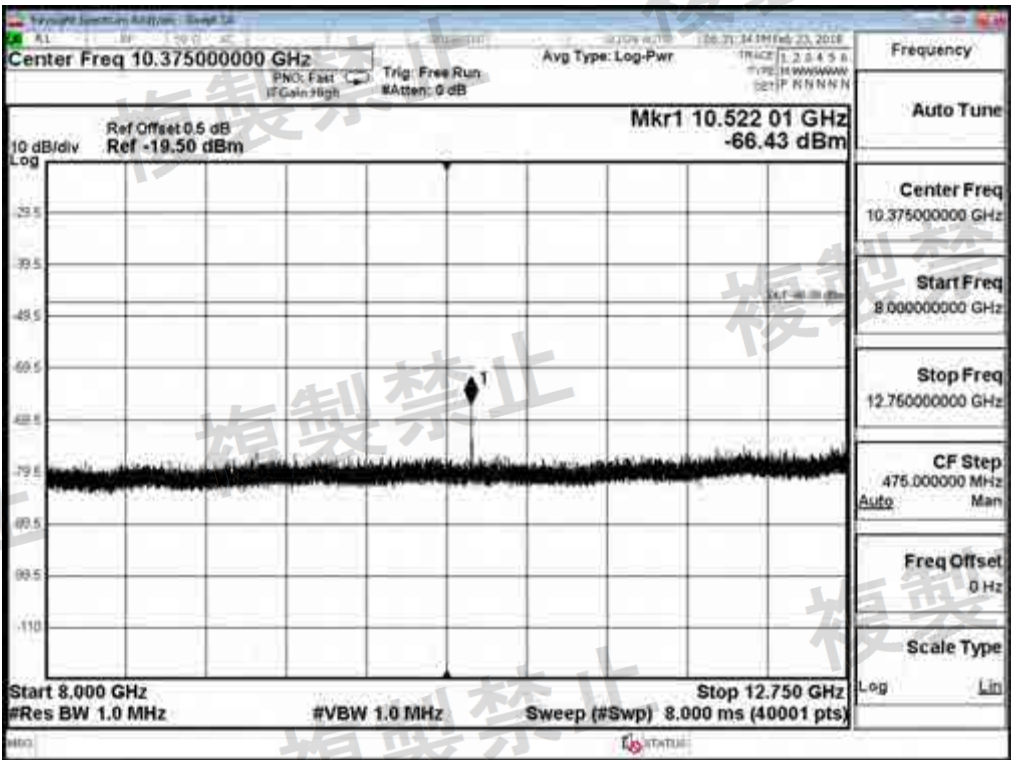
1000 – 3000MHz



3000 – 8000MHz



8000 – 12750MHz

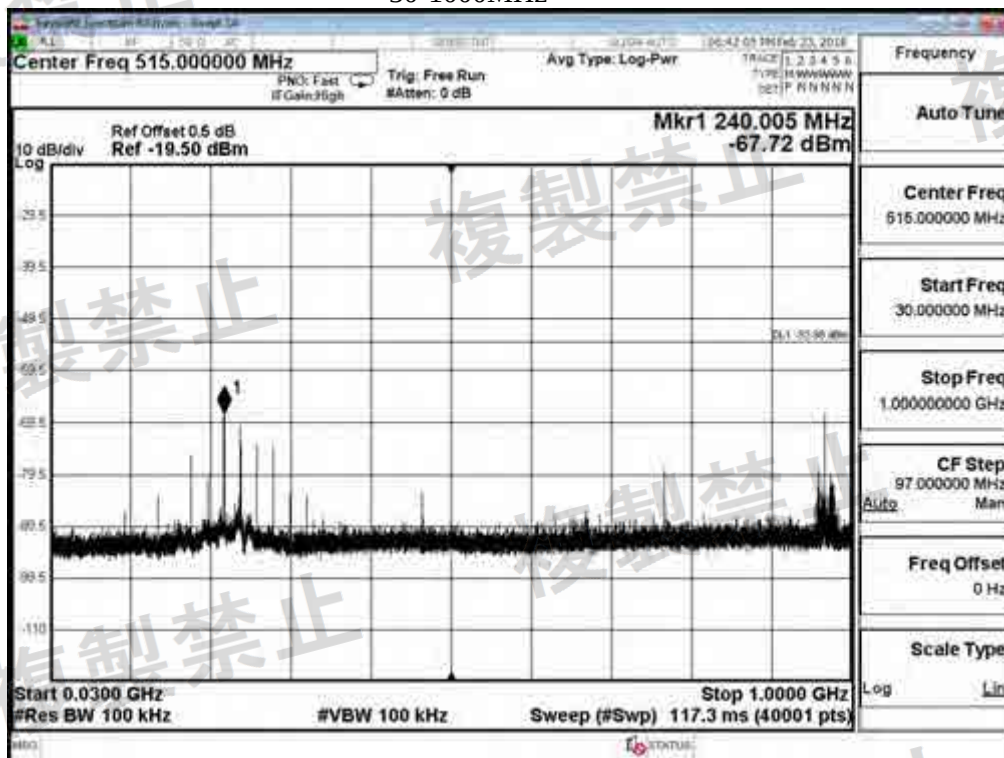


Test Result	PASS
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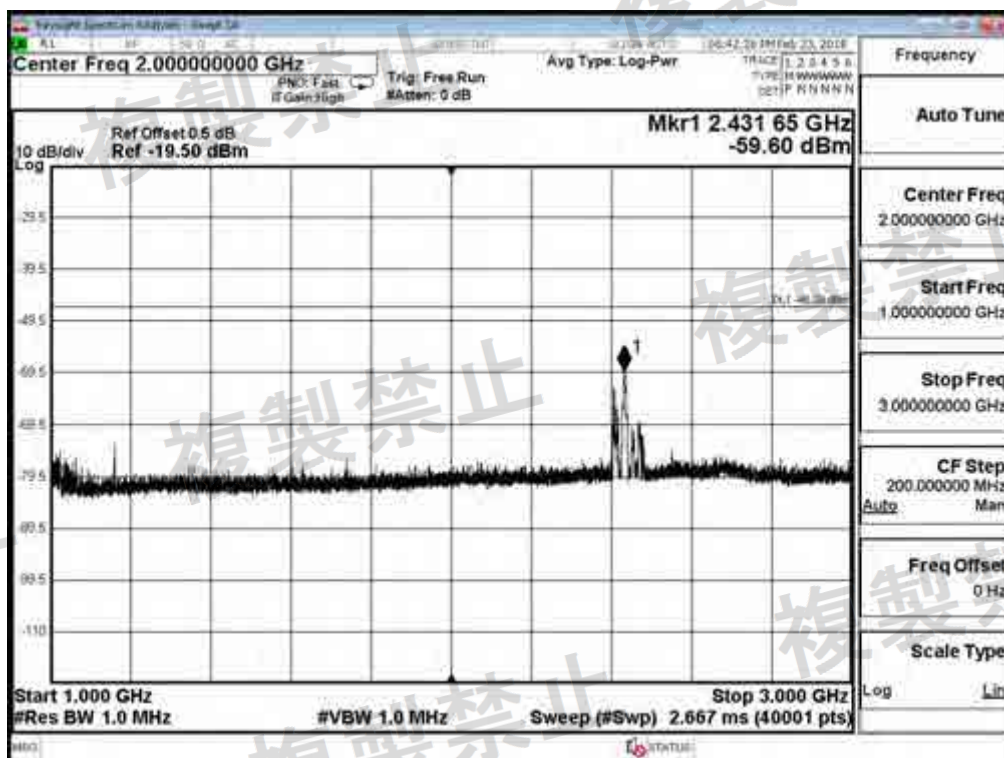
Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11b 1Mbps)_3.3V- 2442MHz

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-67.72	-54 (4nW)
1000 – 3000	-59.60	-47 (20nW)
3000 – 8000	-58.68	-47 (20nW)
8000 – 12750	-70.12	-47 (20nW)

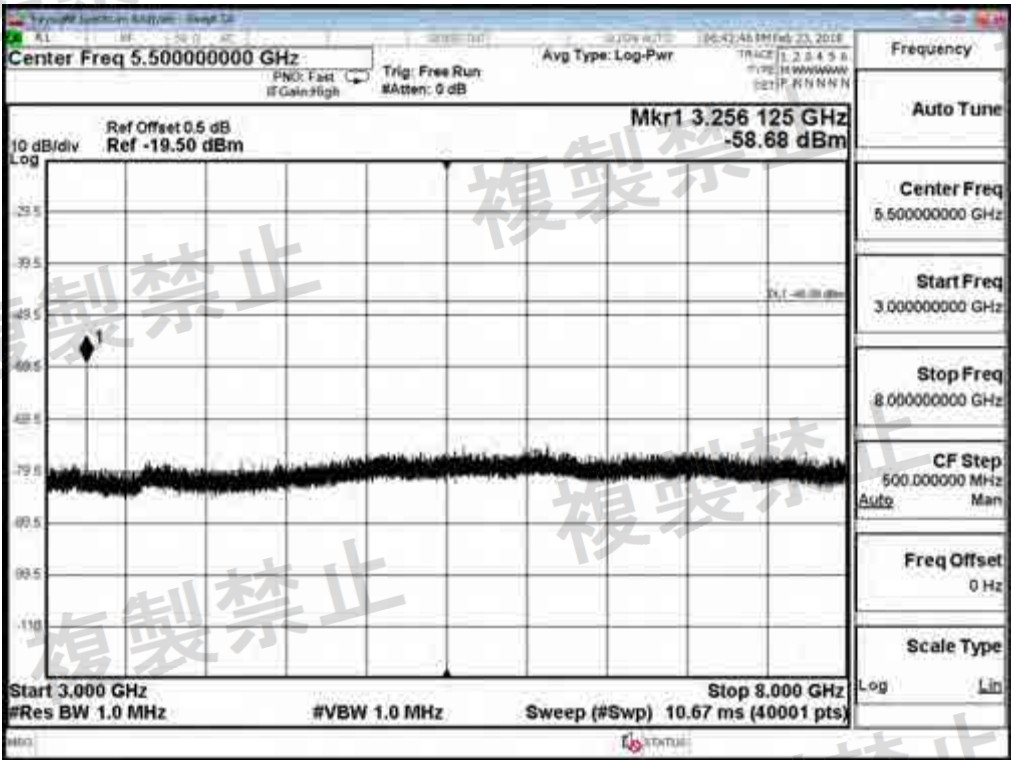
30-1000MHz



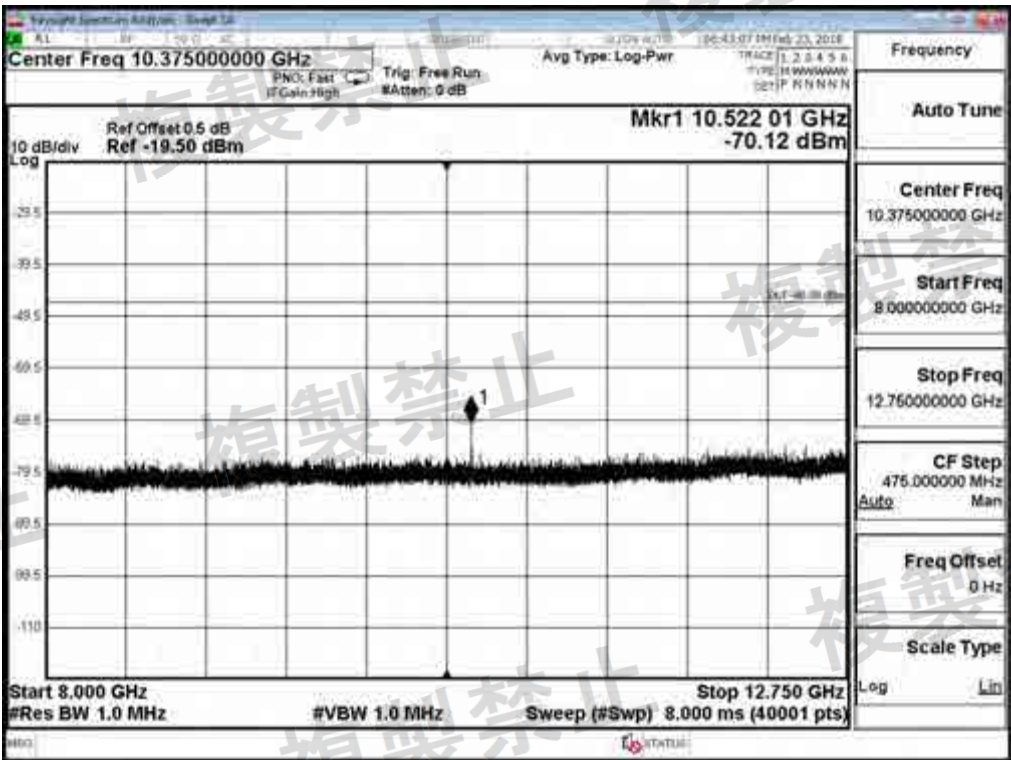
1000 – 3000MHz



3000 – 8000MHz



8000 – 12750MHz

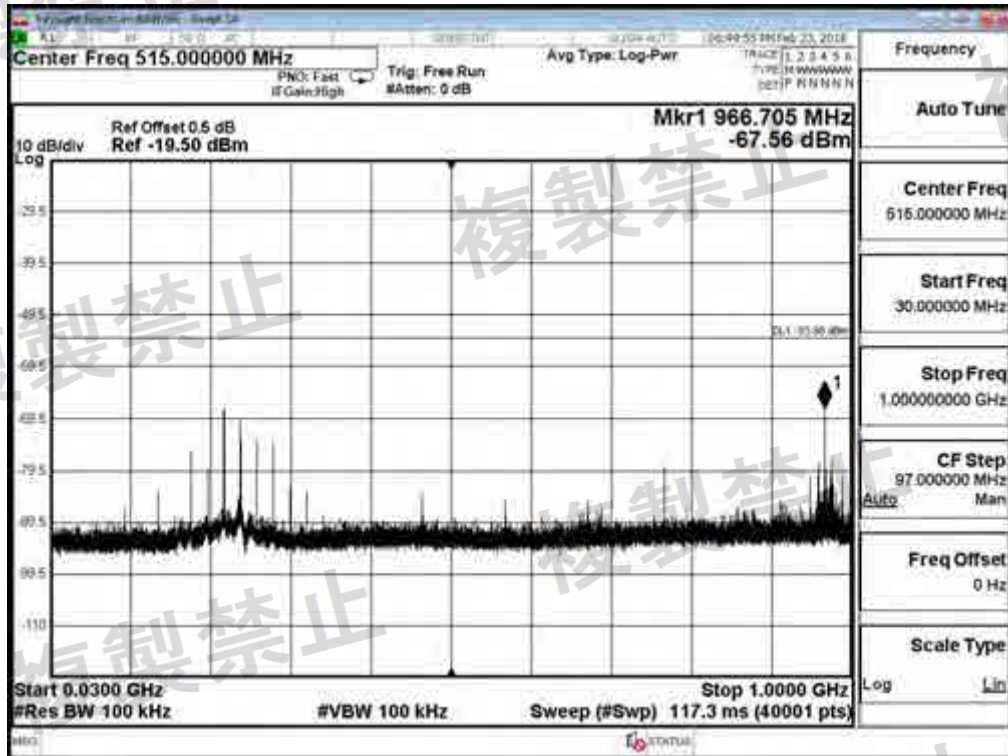


Test Result	PASS
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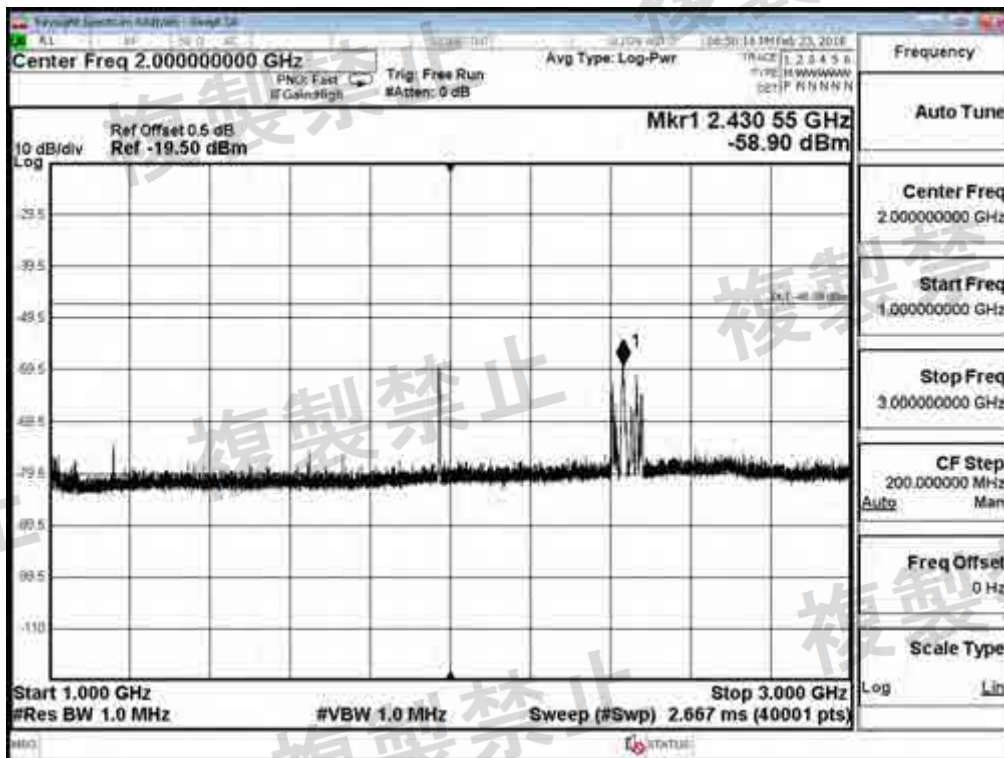
Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11b 1Mbps)_3.3V- 2472MHz

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-67.56	-54 (4nW)
1000 – 3000	-58.90	-47 (20nW)
3000 – 8000	-57.52	-47 (20nW)
8000 – 12750	-70.52	-47 (20nW)

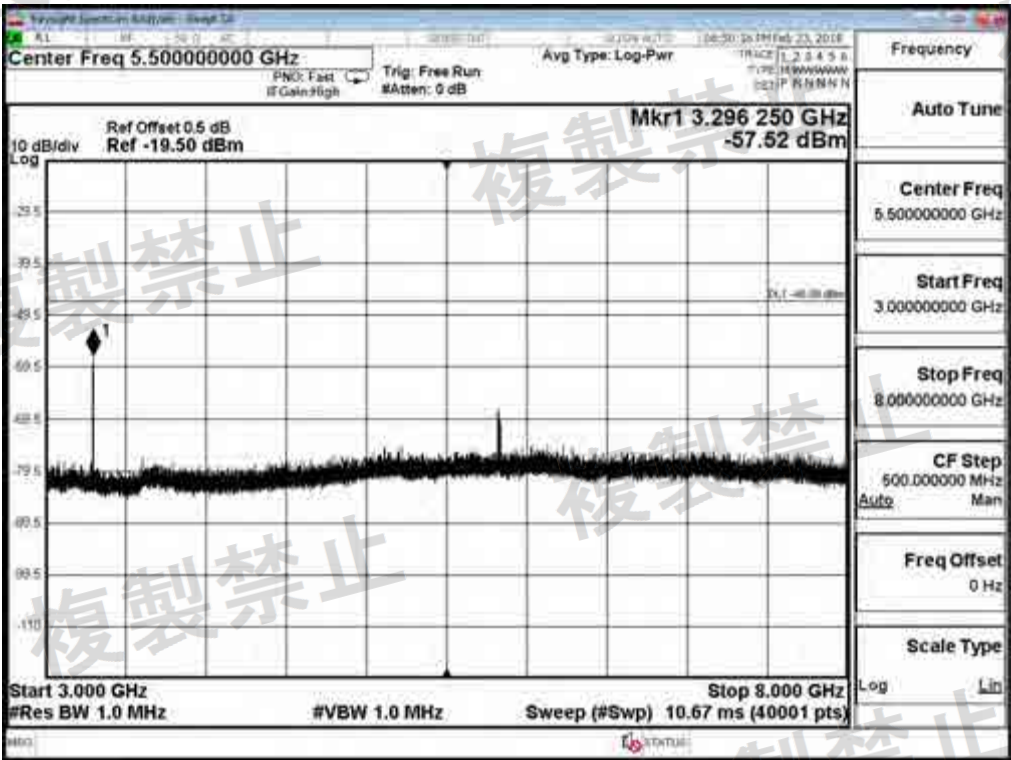
30-1000MHz



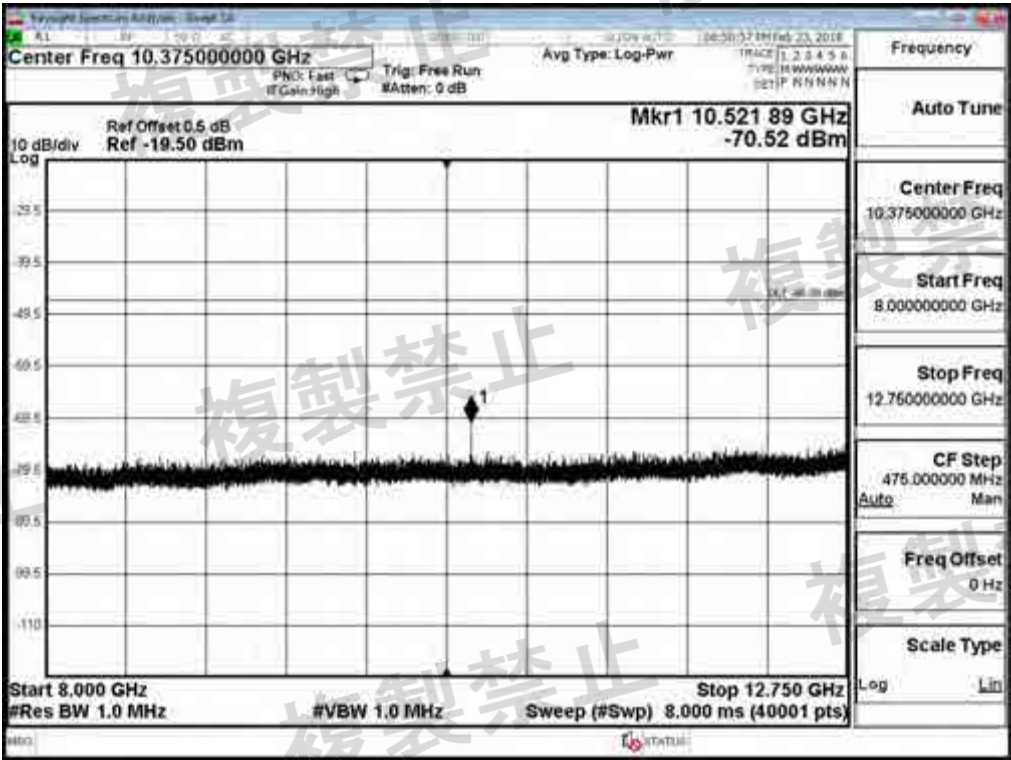
1000 – 3000MHz



3000 – 8000MHz



8000 – 12750MHz

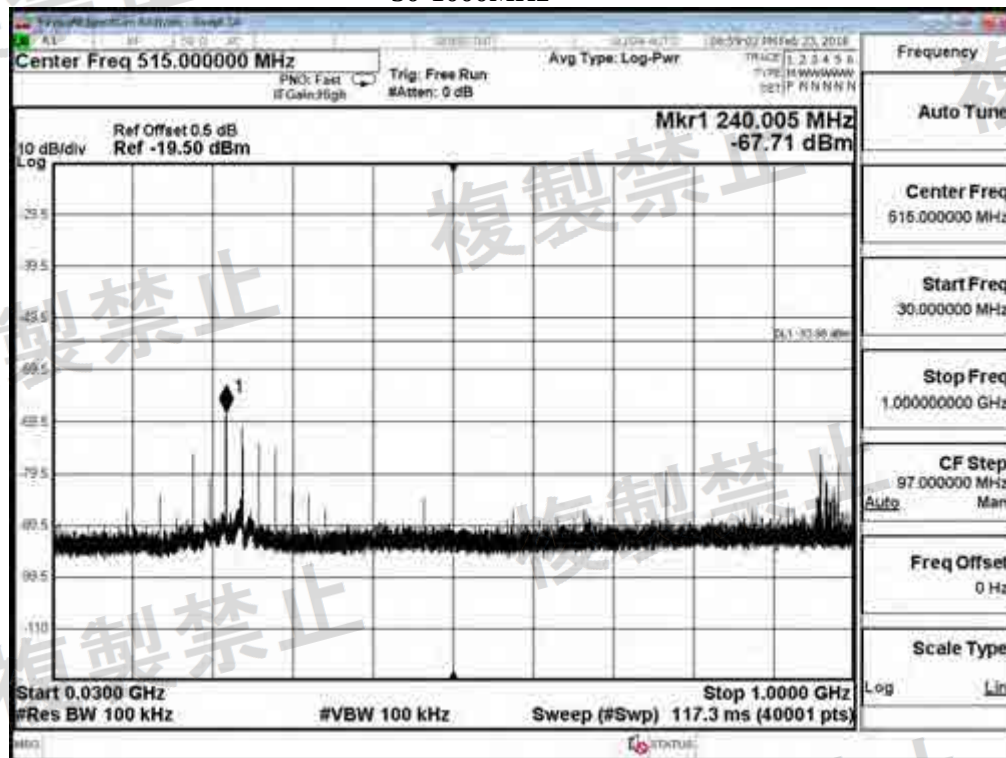


Test Result	PASS
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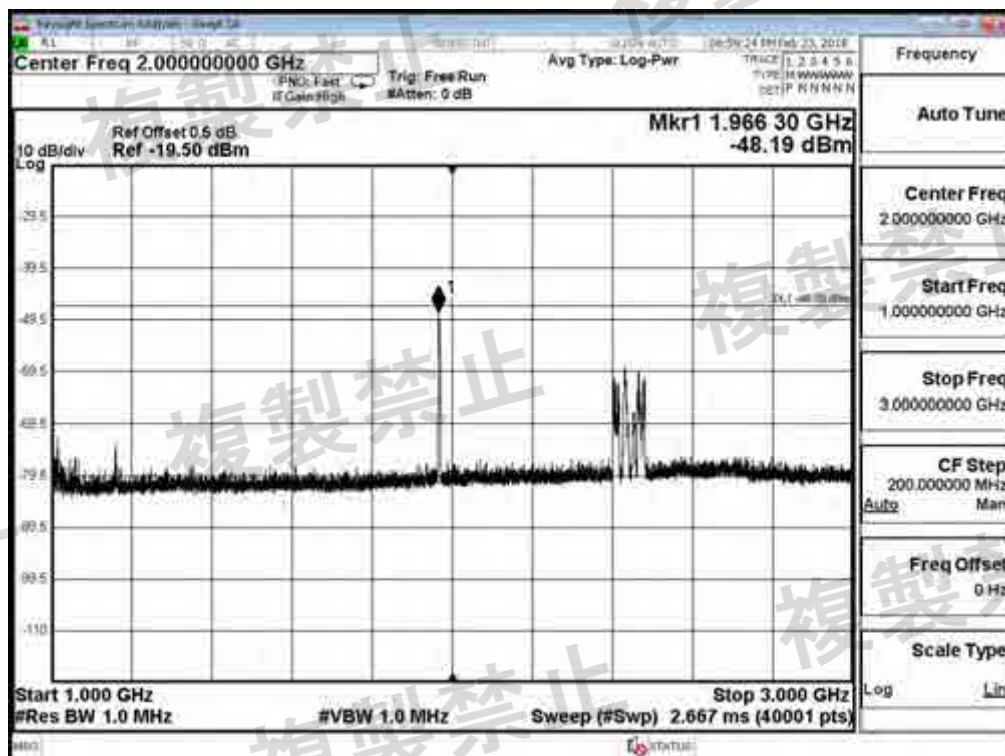
Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11g 6Mbps)_3.3V- 2412MHz

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-67.71	-54 (4nW)
1000 – 3000	-48.19	-47 (20nW)
3000 – 8000	-57.59	-47 (20nW)
8000 – 12750	-70.21	-47 (20nW)

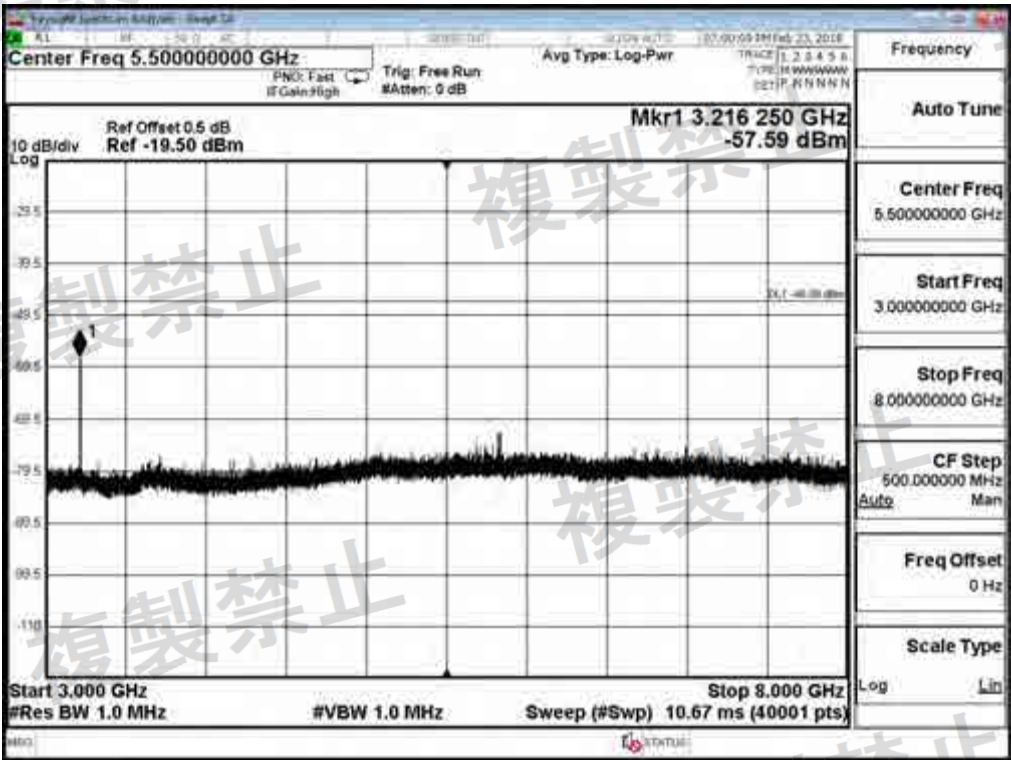
30-1000MHz



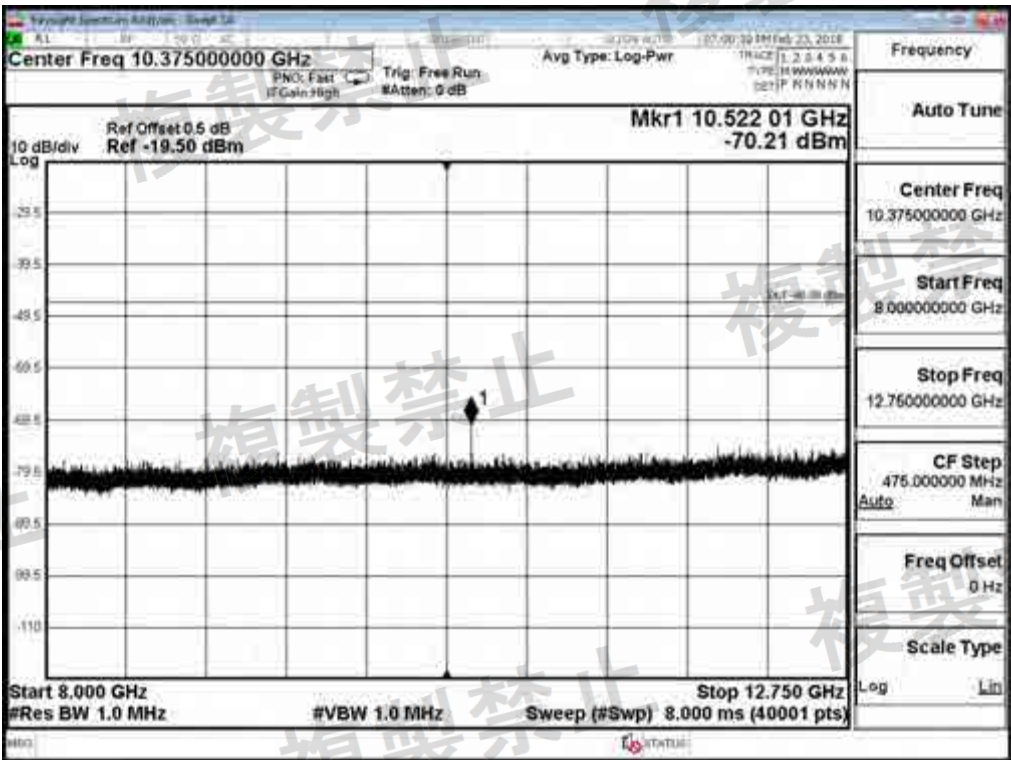
1000 – 3000MHz



3000 – 8000MHz



8000 – 12750MHz

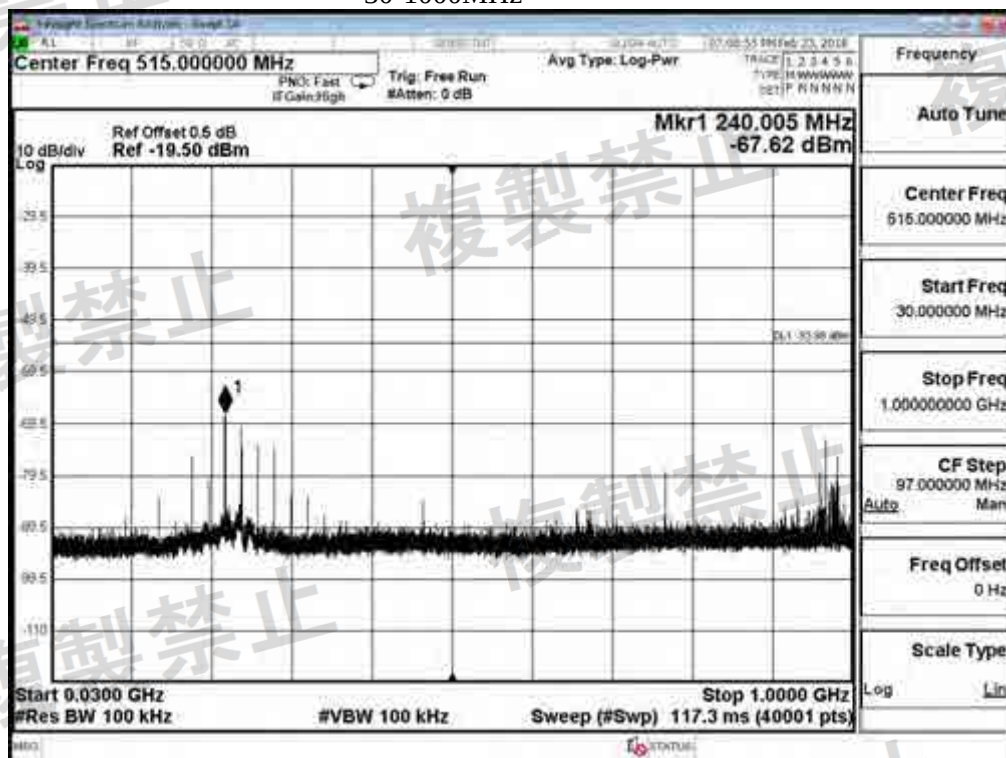


Test Result	PASS
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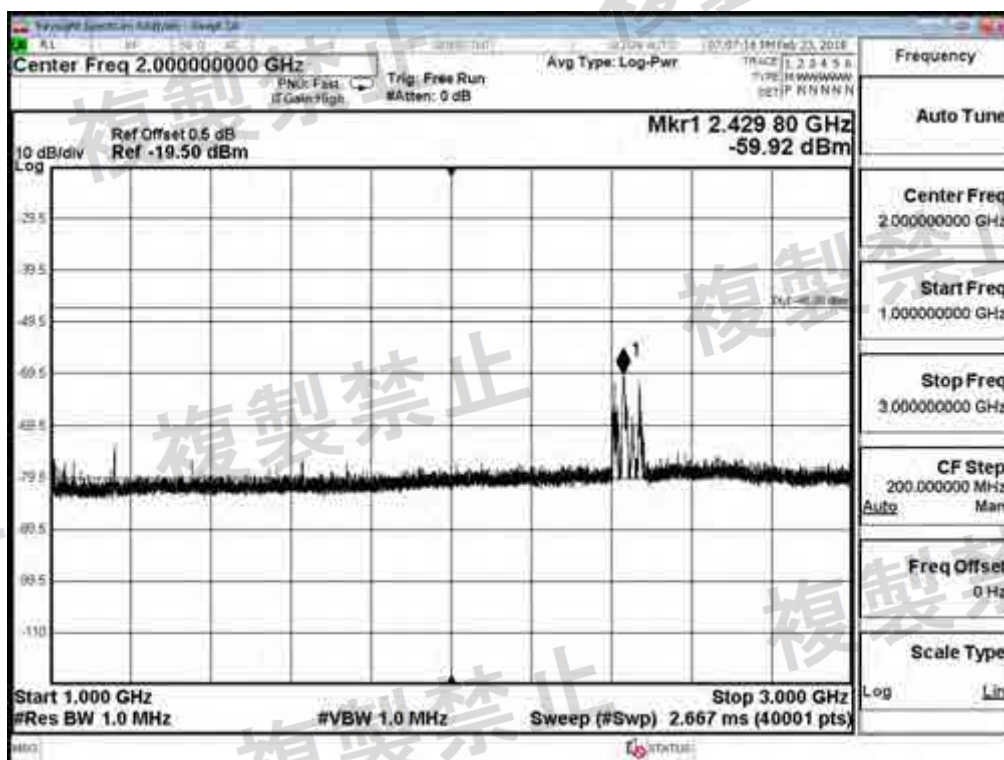
Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11g 6Mbps)_3.3V- 2442MHz

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-67.62	-54 (4nW)
1000 – 3000	-59.92	-47 (20nW)
3000 – 8000	-58.51	-47 (20nW)
8000 – 12750	-70.22	-47 (20nW)

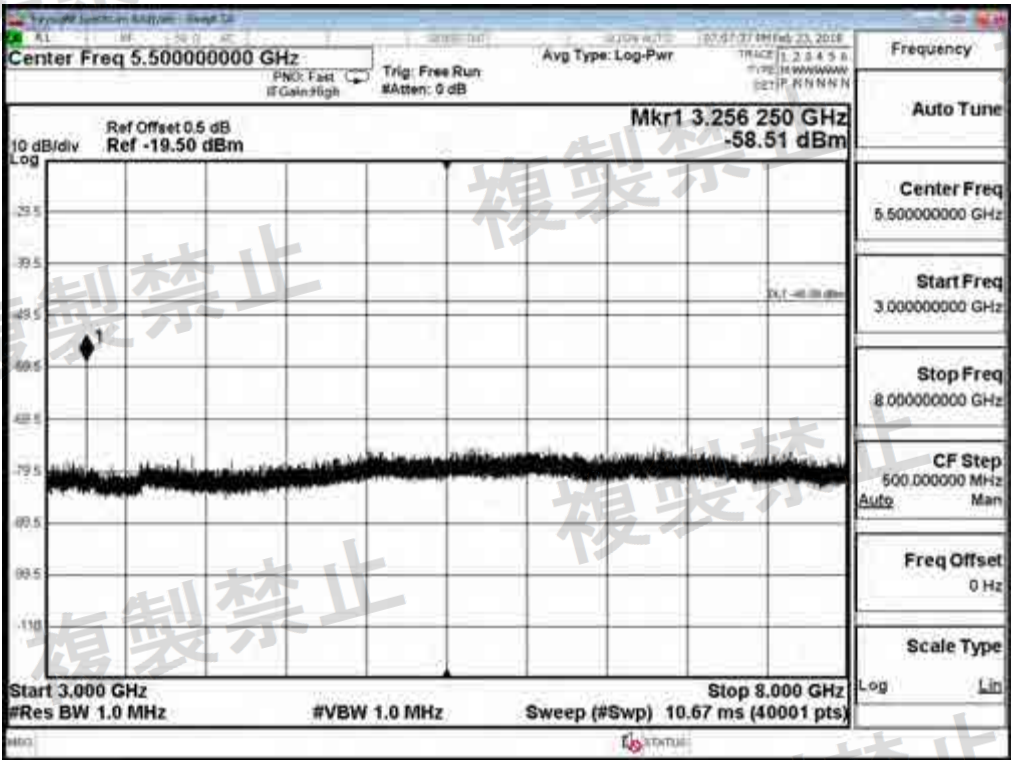
30-1000MHz



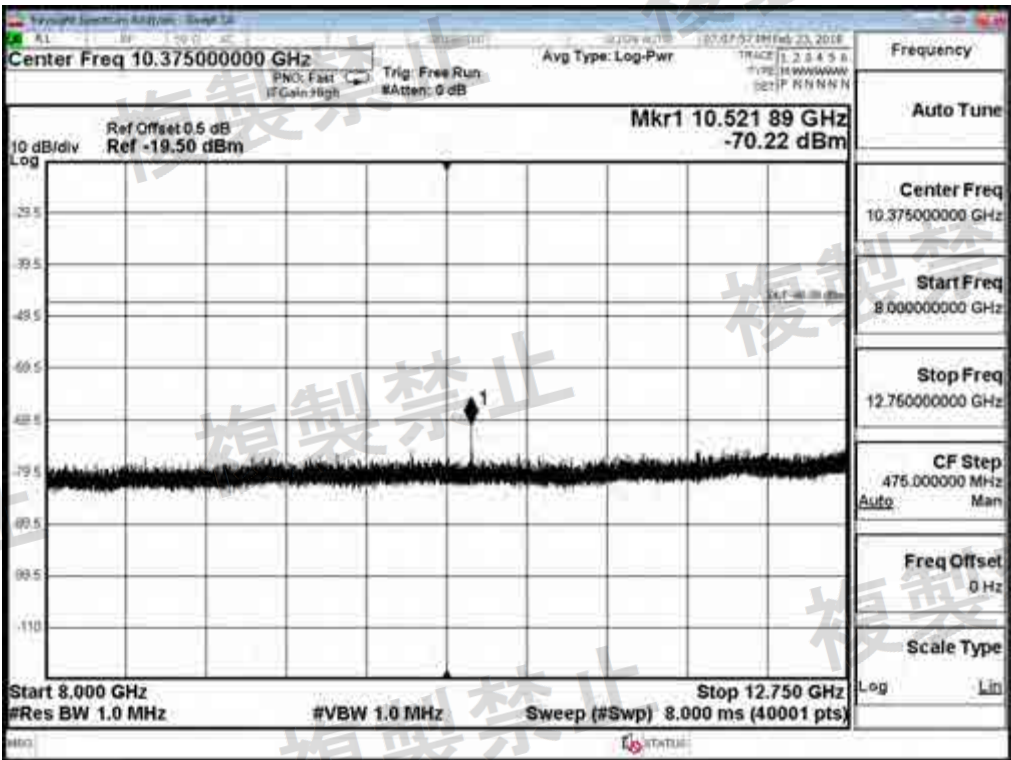
1000 – 3000MHz



3000 – 8000MHz



8000 – 12750MHz

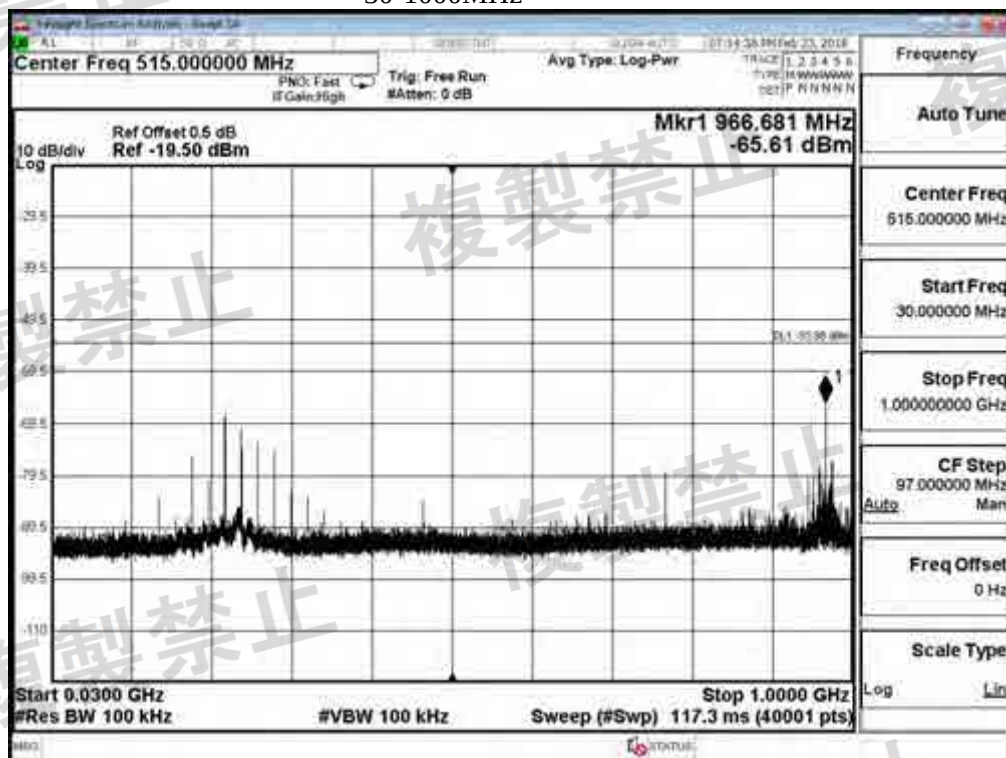


Test Result	PASS
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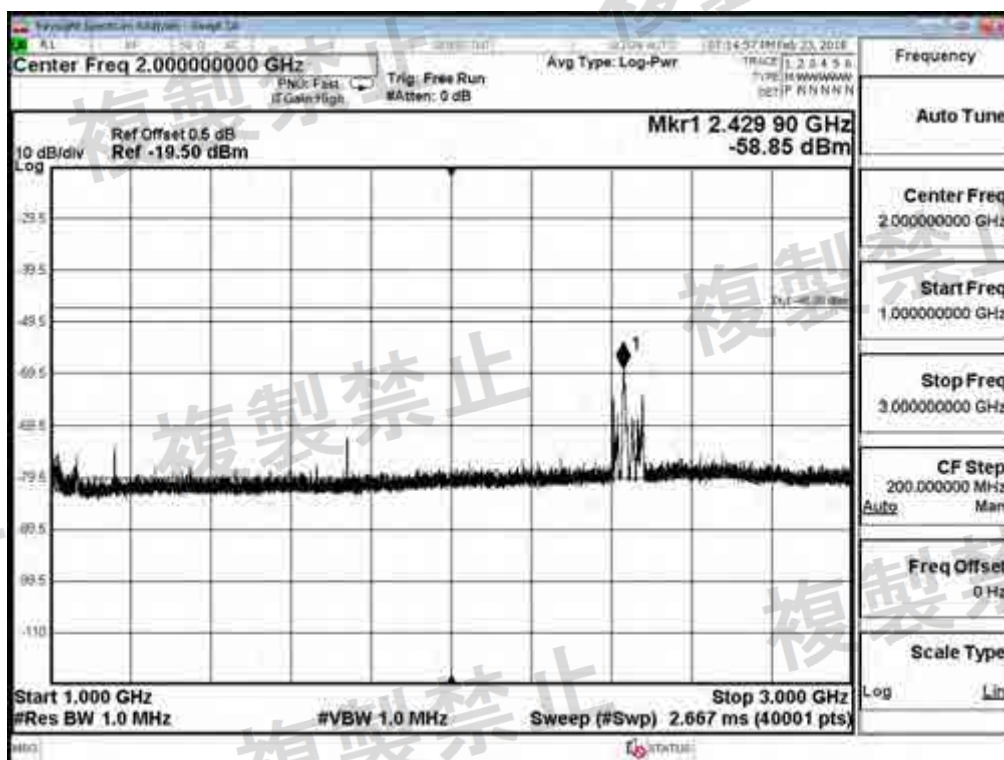
Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11g 6Mbps)_3.3V- 2472MHz

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-65.61	-54 (4nW)
1000 – 3000	-58.85	-47 (20nW)
3000 – 8000	-57.52	-47 (20nW)
8000 – 12750	-71.34	-47 (20nW)

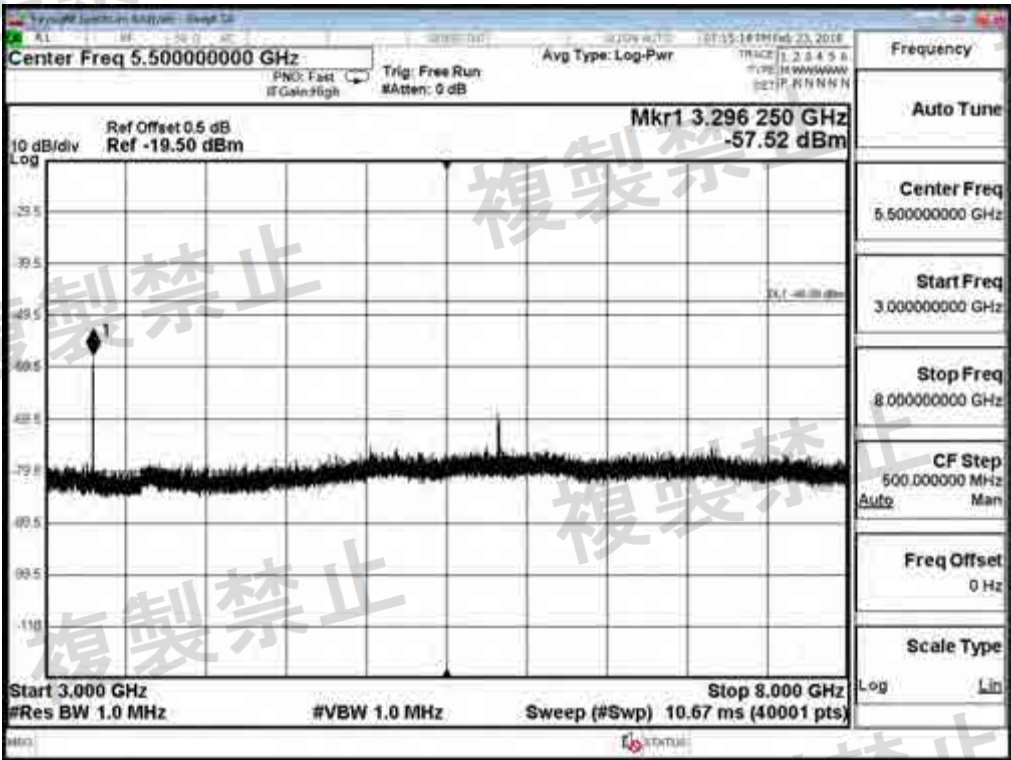
30-1000MHz



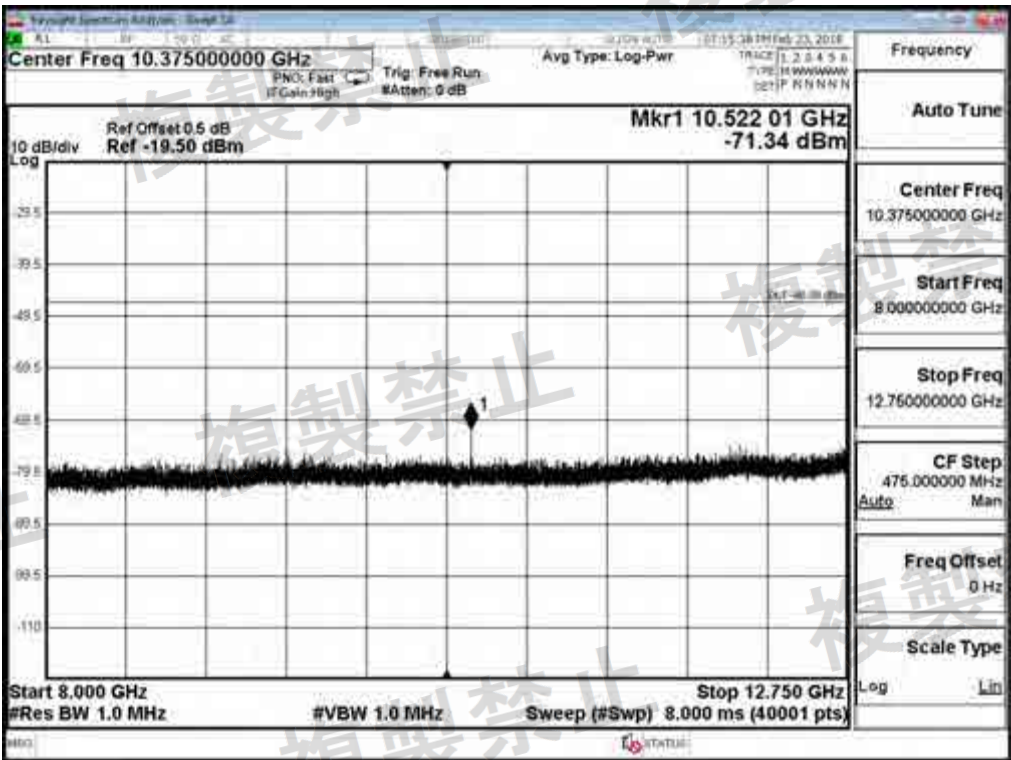
1000 – 3000MHz



3000 – 8000MHz



8000 – 12750MHz

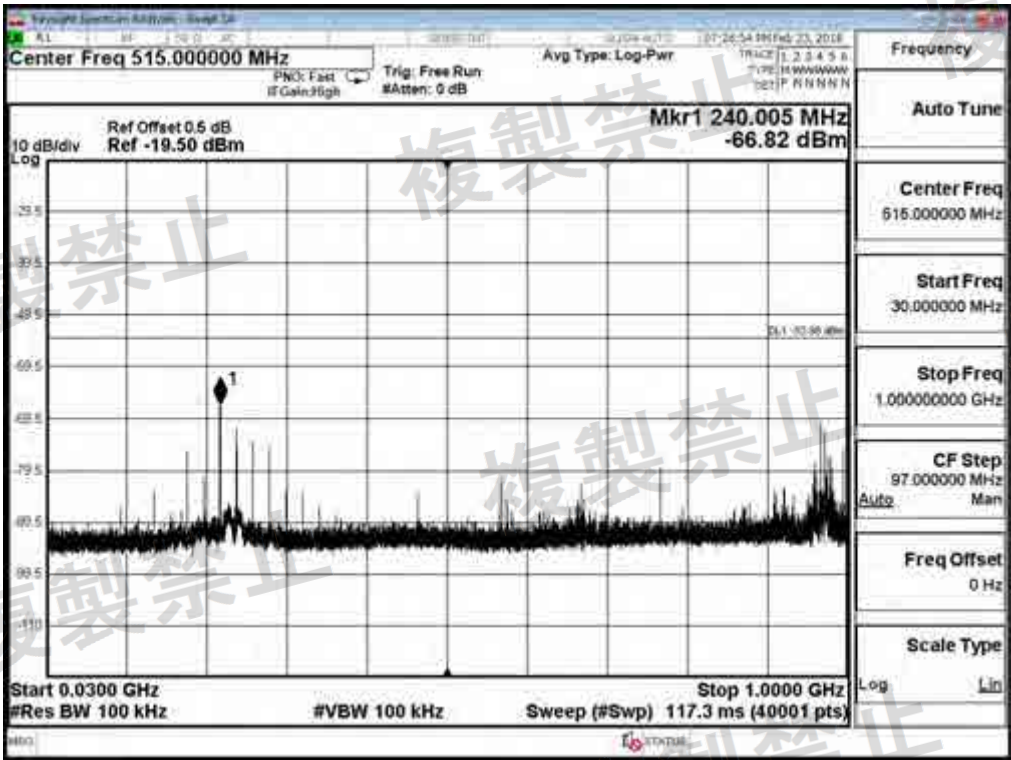


Test Result	PASS
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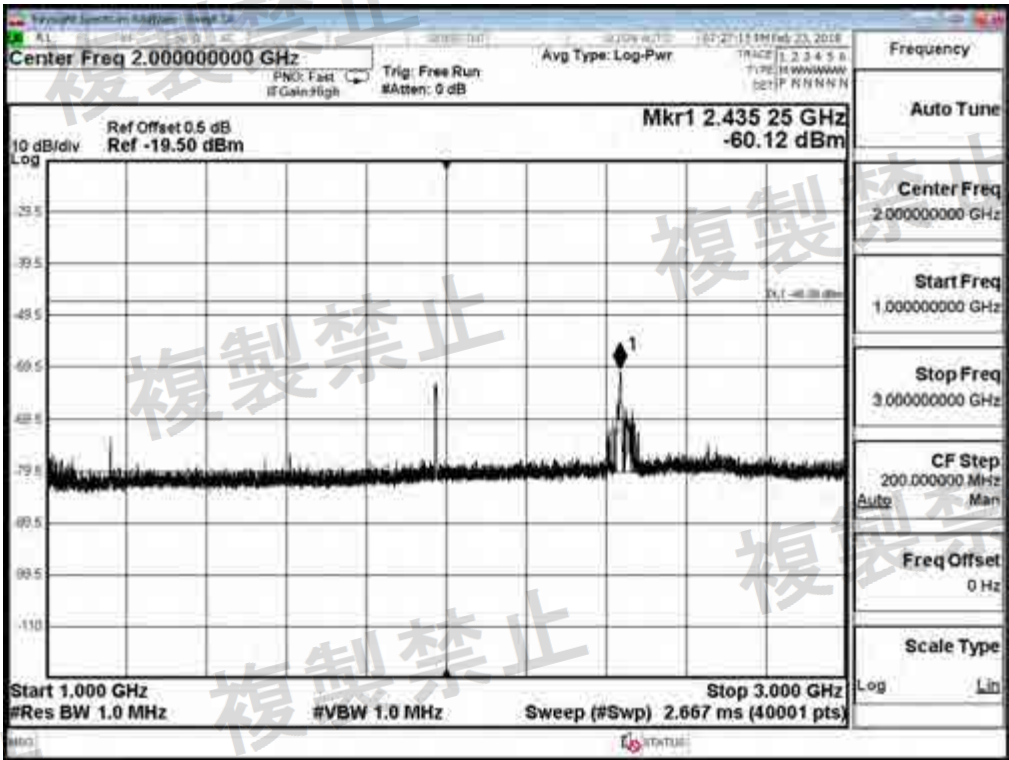
Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11n MCS8 20MBW) _3.3V-2412MHz (Antenna A)

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-66.82	-54 (4nW)
1000 – 3000	-60.12	-47 (20nW)
3000 – 8000	-57.78	-47 (20nW)
8000 – 12750	-71.13	-47 (20nW)

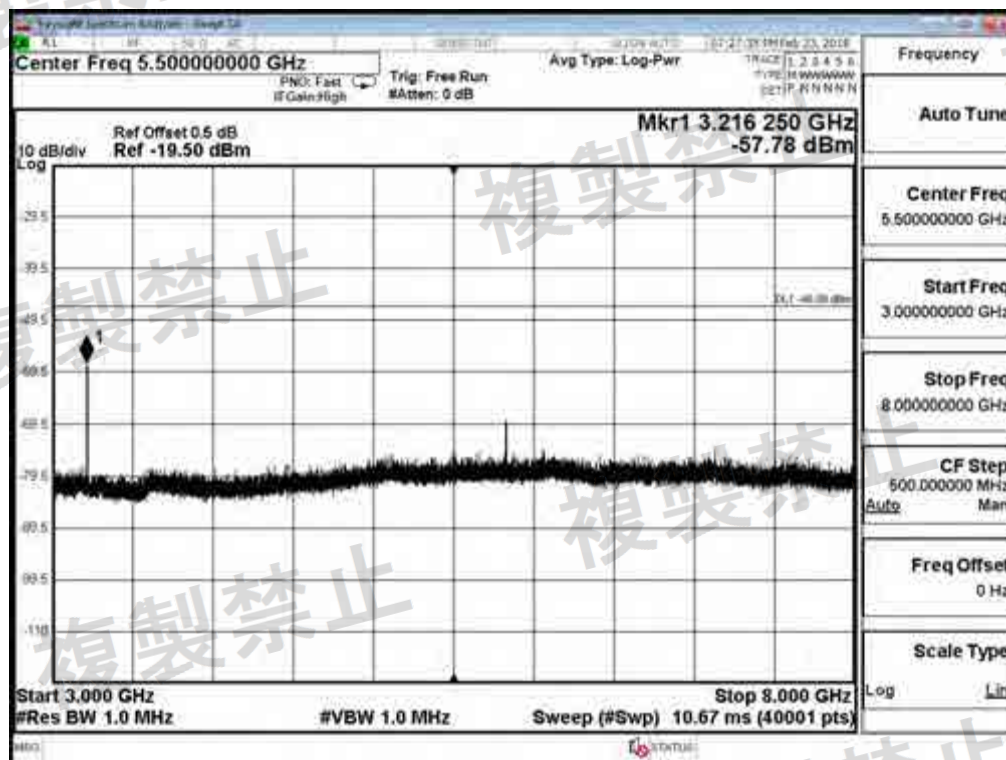
30-1000MHz



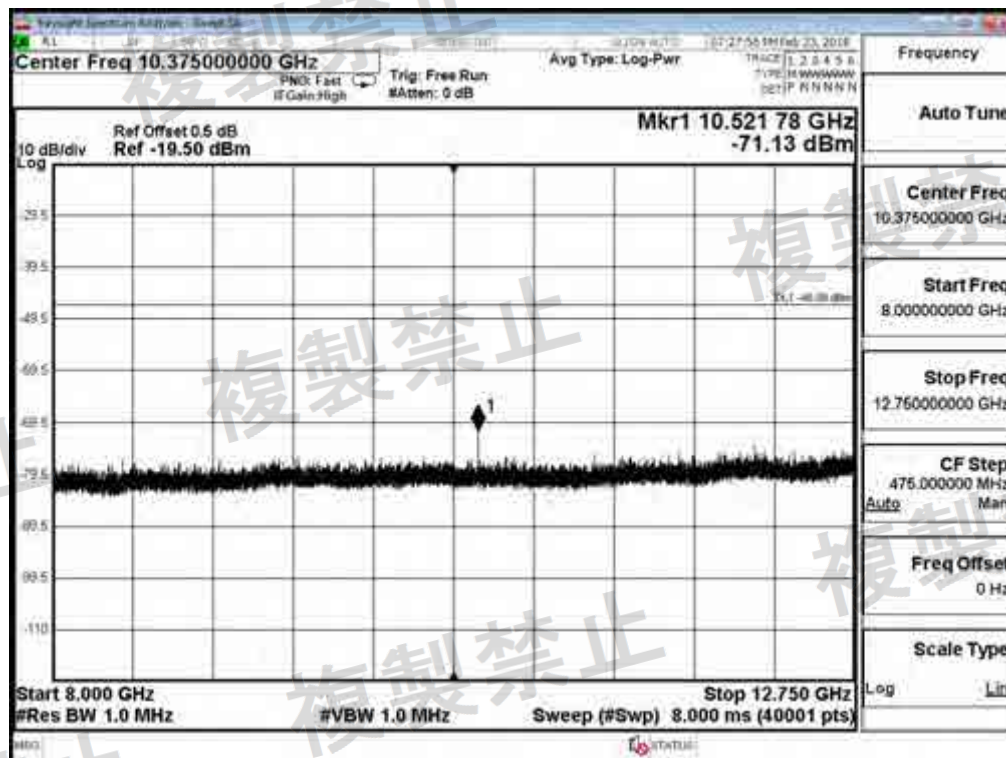
1000 – 3000MHz



3000 – 8000MHz



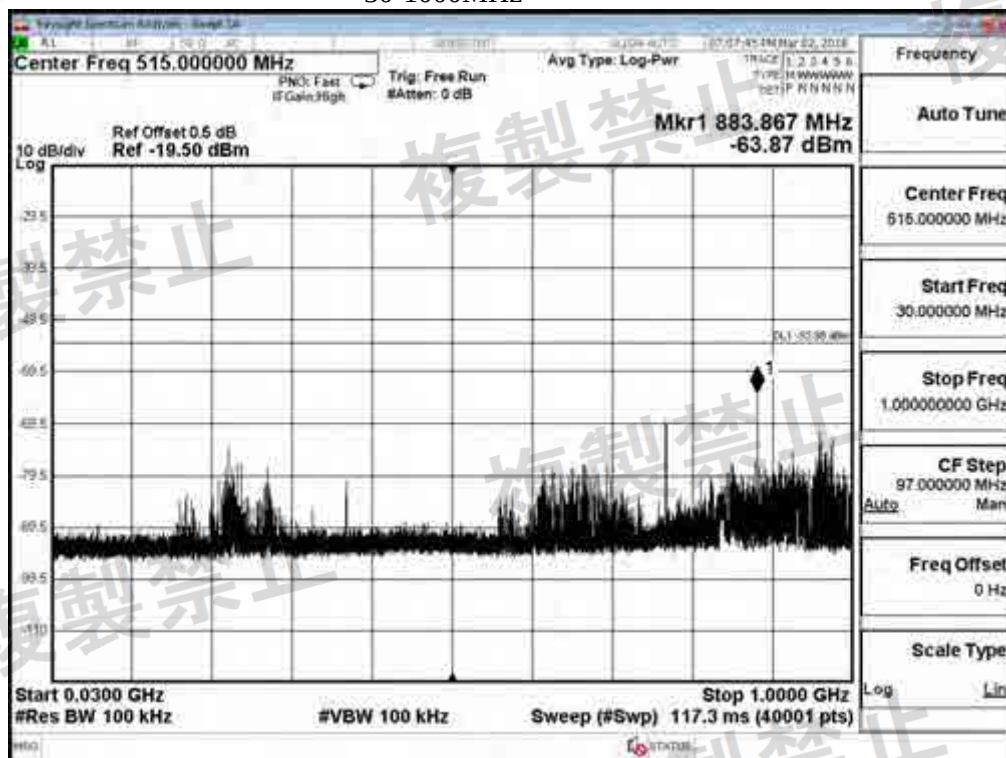
8000 – 12750MHz



Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11n MCS8 20MBW) _3.3V-2412MHz (Antenna B)

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-63.87	-54 (4nW)
1000 – 3000	-53.82	-47 (20nW)
3000 – 8000	-67.87	-47 (20nW)
8000 – 12750	-66.25	-47 (20nW)

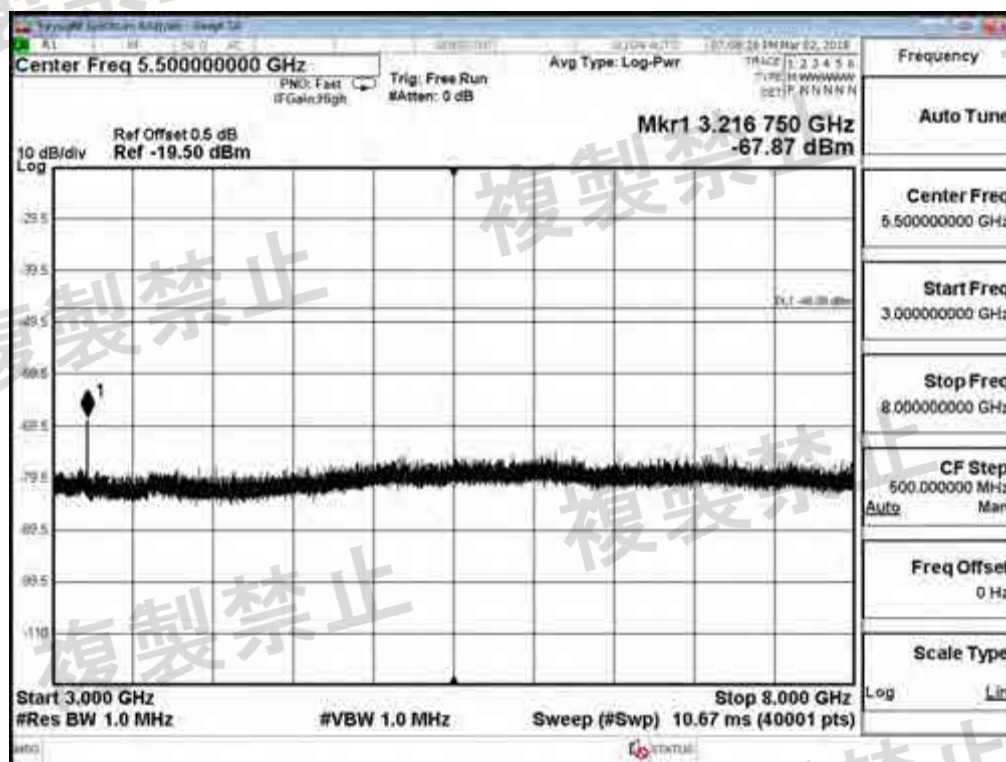
30-1000MHz



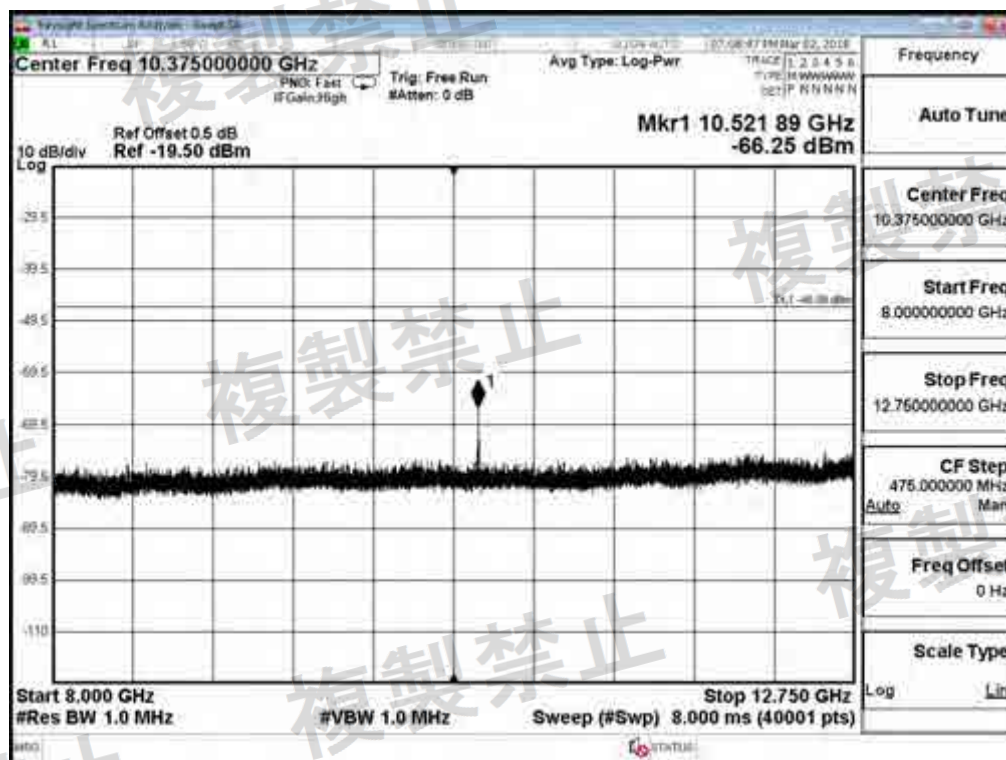
1000 – 3000MHz



3000 – 8000MHz



8000 – 12750MHz



Product : Gateway
Test Item : Receiver Spurious Emissions
Test Mode : Mode 2: Receiver (802.11n MCS8 20MBW) _3.3V-2442MHz (Antenna A)

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-66.91	-54 (4nW)
1000 – 3000	-50.29	-47 (20nW)
3000 – 8000	-58.68	-47 (20nW)
8000 – 12750	-62.32	-47 (20nW)