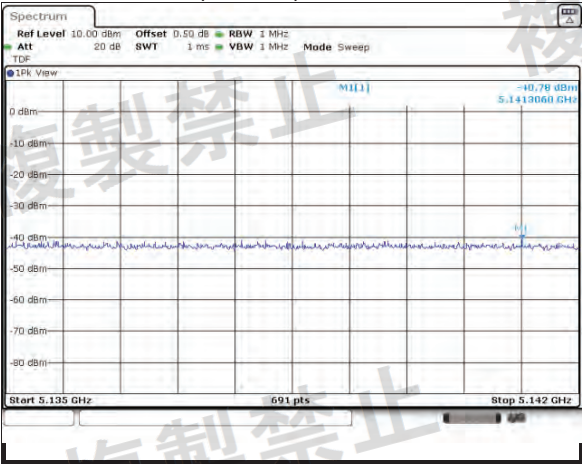


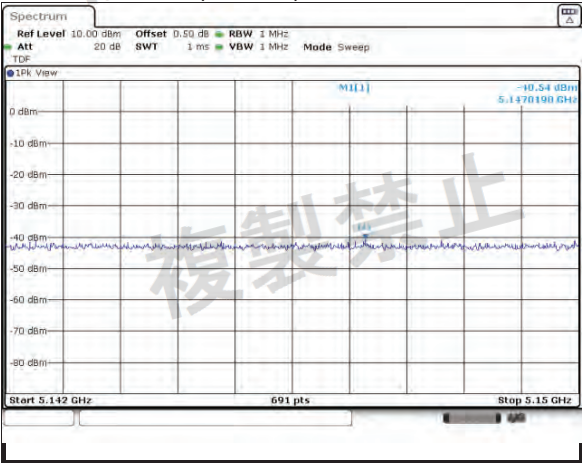
Ch.48: 5240MHz
5135-5142MHz(Search)



5135-5142MHz(Detail)



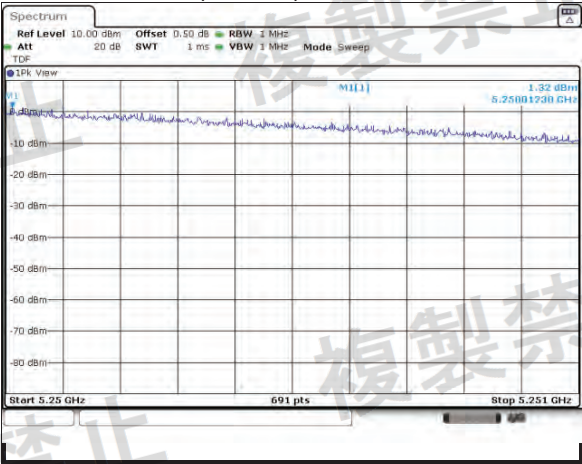
5142-5150MHz(Search)



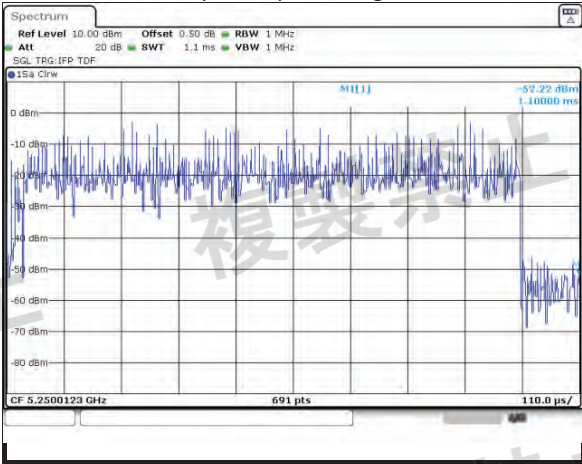
5142-5150MHz(Detail)



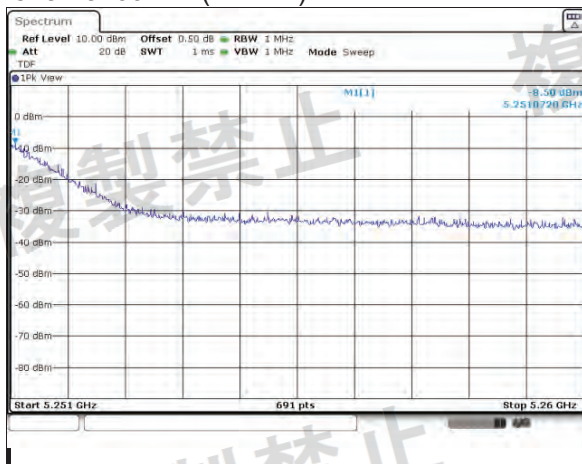
5250-5251MHz(Search)



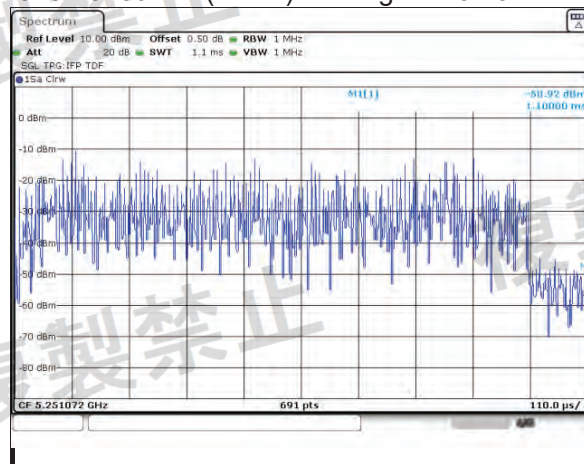
5250-5251MHz(Detail) Average : -15.84 dBm



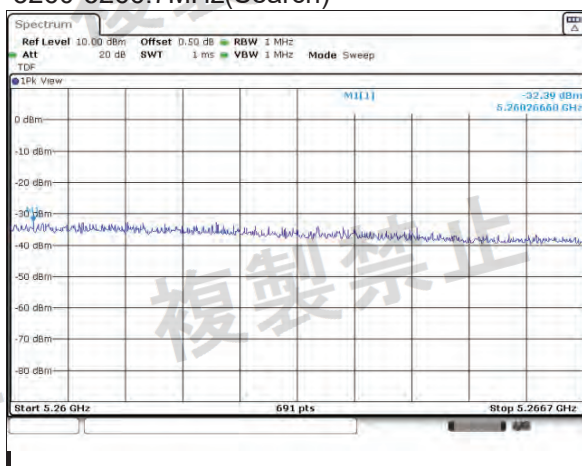
5251-5260MHz(Search)



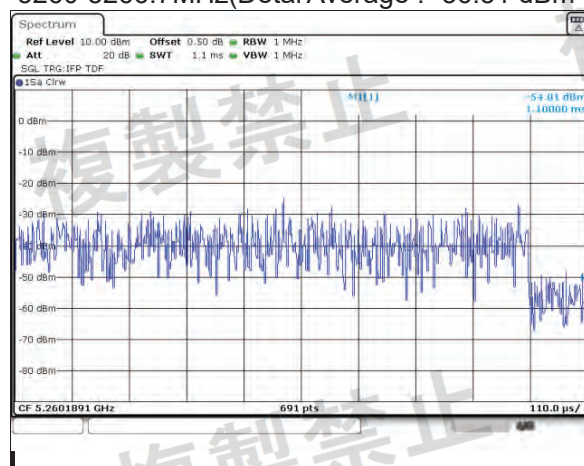
5251-5260MHz(Detail) Average : -25.25 dBm



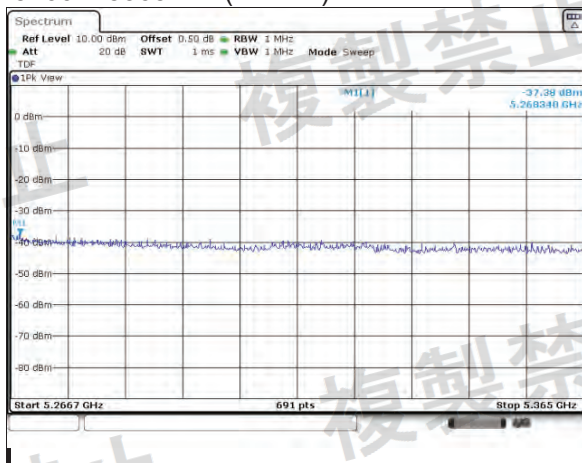
5260-5266.7MHz(Search)



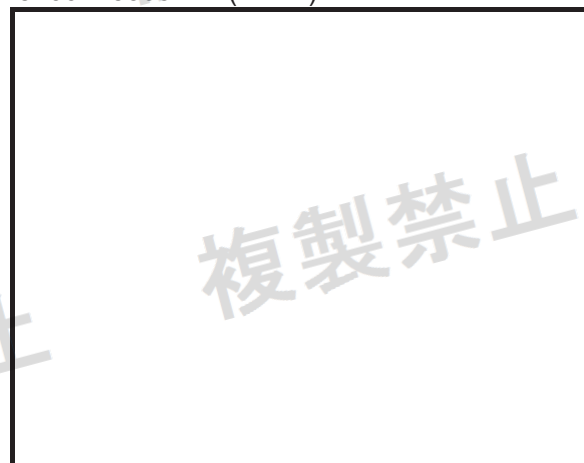
5260-5266.7MHz(Detail) Average : -36.51 dBm



5266.7-5365MHz(Search)



5266.7-5365MHz(Detail)



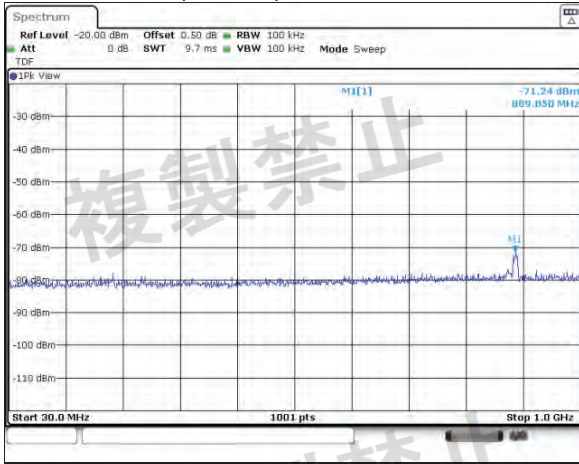
7. Test chart

7.7 Secondary emitted radio wave strength (Rated voltage)

Rx1

Ch.36: 5180MHz

30MHz-1GHz(Search) Limit line: -53.98 dBm

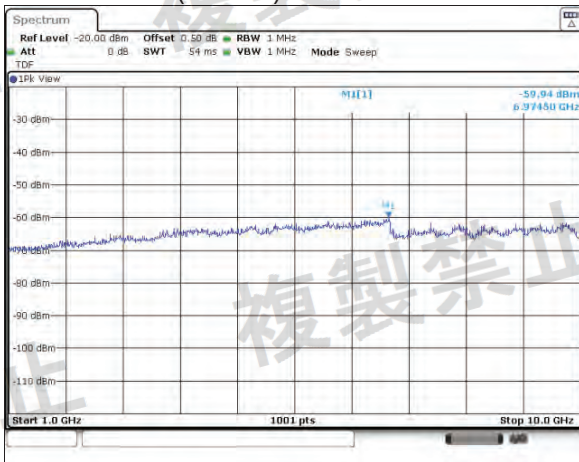


30MHz-1GHz(Detail)

Limit line: -53.98 dBm



1GHz-10GHz(Search) Limit line: -46.99 dBm

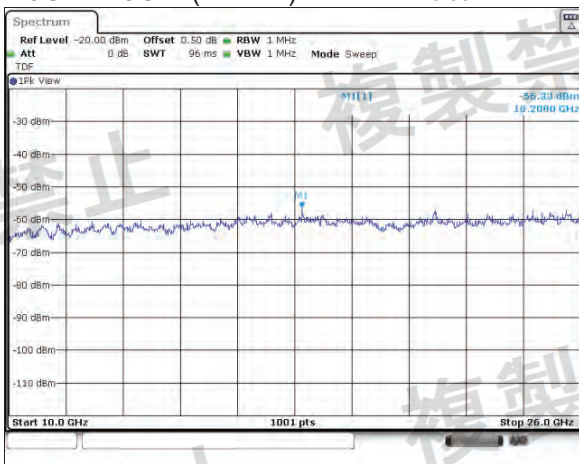


1GHz-10GHz(Detail)

Limit line: -46.99 dBm



10GHz-26GHz(Search) Limit line: -46.99 dBm



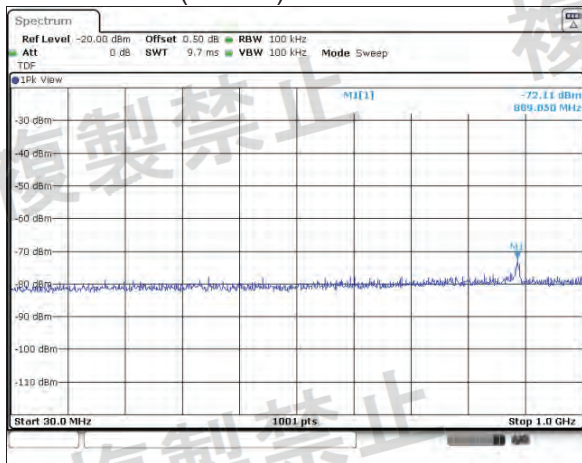
10GHz-26GHz(Detail)

Limit line: -46.99 dBm



Ch.40: 5200MHz

30MHz-1GHz(Search) Limit line: -53.98 dBm

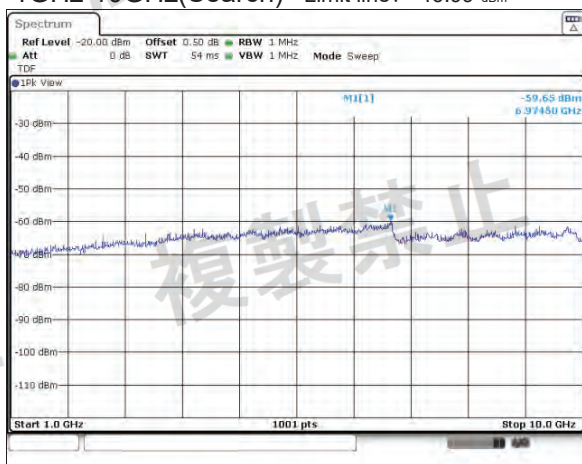


30MHz-1GHz(Detail)

Limit line: -53.98 dBm



1GHz-10GHz(Search) Limit line: -46.99 dBm

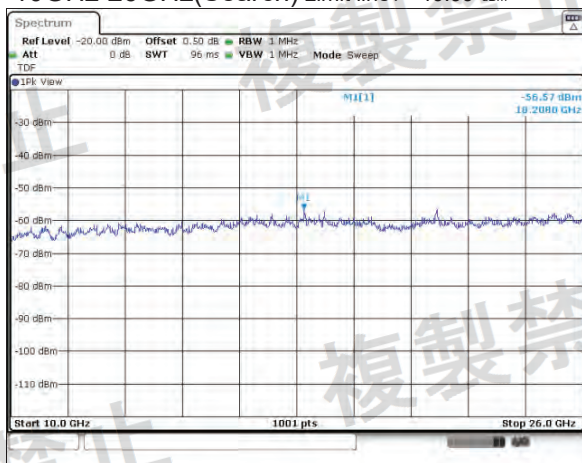


1GHz-10GHz(Detail)

Limit line: -46.99 dBm

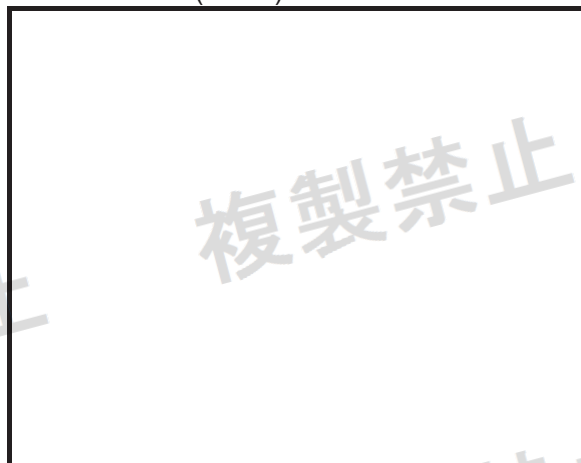


10GHz-26GHz(Search) Limit line: -46.99 dBm



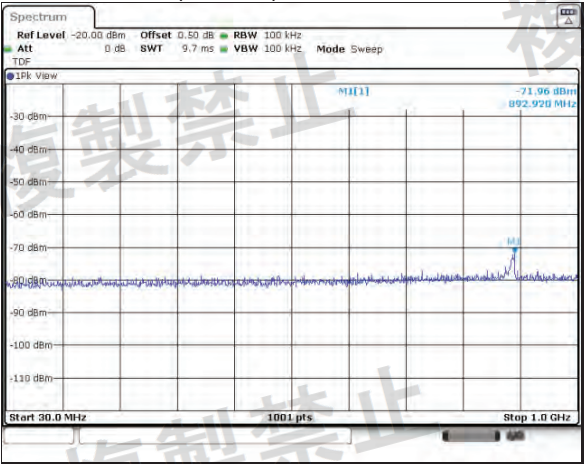
10GHz-26GHz(Detail)

Limit line: -46.99 dBm



Ch.48: 5240MHz

30MHz-1GHz(Search) Limit line: -53.98 dBm

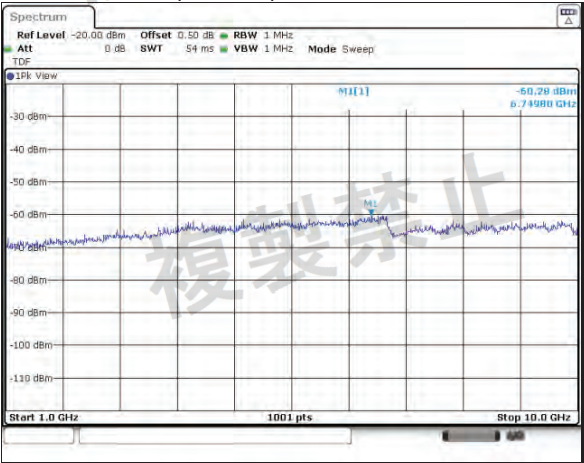


30MHz-1GHz(Detail)

Limit line: -53.98 dBm



1GHz-10GHz(Search) Limit line: -46.99 dBm

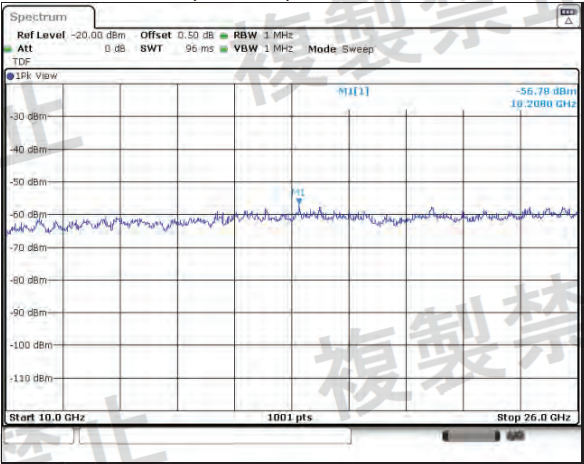


1GHz-10GHz(Detail)

Limit line: -46.99 dBm



10GHz-26GHz(Search) Limit line: -46.99 dBm



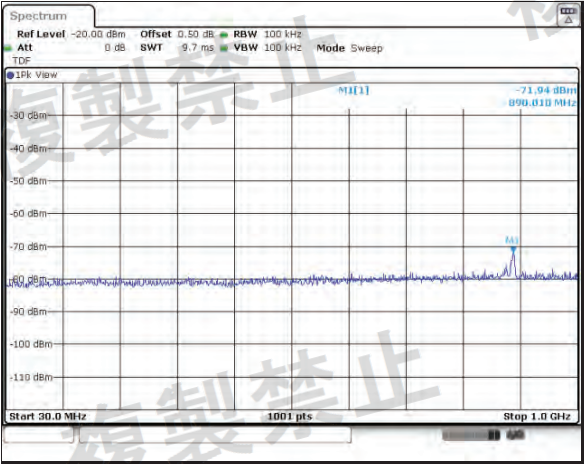
10GHz-26GHz(Detail)

Limit line: -46.99 dBm



Rx2
Ch.36: 5180MHz

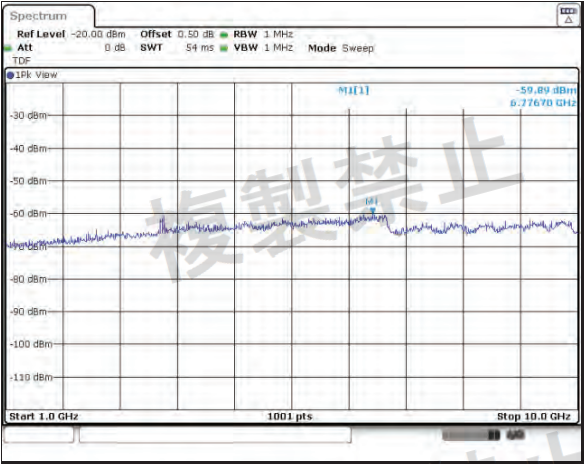
30MHz-1GHz(Search) Limit line: -53.98 dBm



30MHz-1GHz(Detail) Limit line: -53.98 dBm



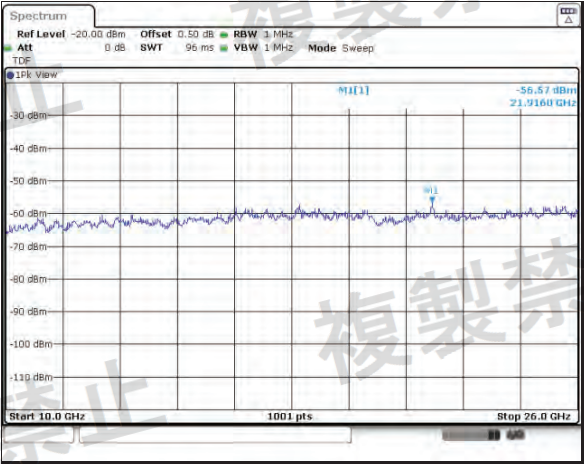
1GHz-10GHz(Search) Limit line: -46.99 dBm



1GHz-10GHz(Detail) Limit line: -46.99 dBm



10GHz-26GHz(Search) Limit line: -46.99 dBm

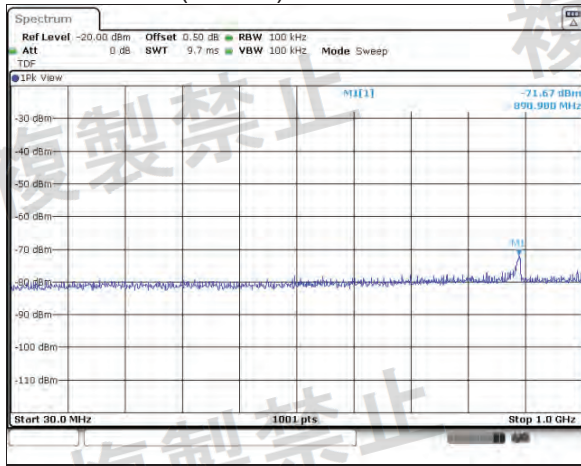


10GHz-26GHz(Detail) Limit line: -46.99 dBm



Ch.40: 5200MHz

30MHz-1GHz(Search) Limit line: -53.98 dBm

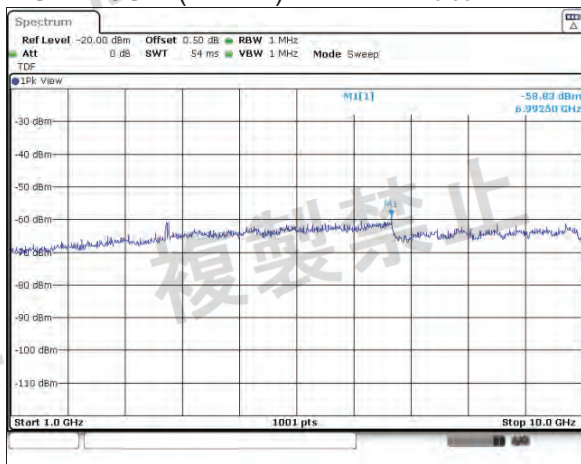


30MHz-1GHz(Detail)

Limit line: -53.98 dBm



1GHz-10GHz(Search) Limit line: -46.99 dBm

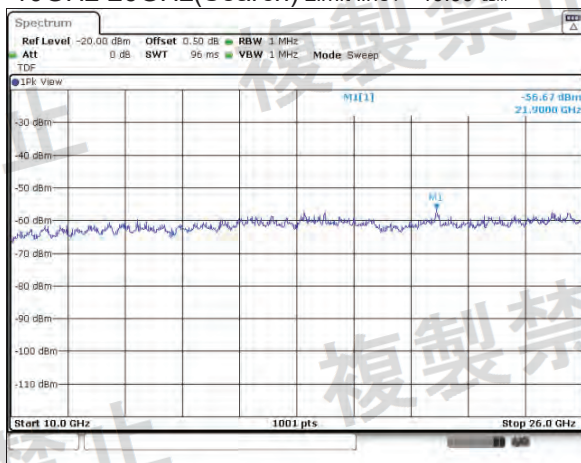


1GHz-10GHz(Detail)

Limit line: -46.99 dBm



10GHz-26GHz(Search) Limit line: -46.99 dBm



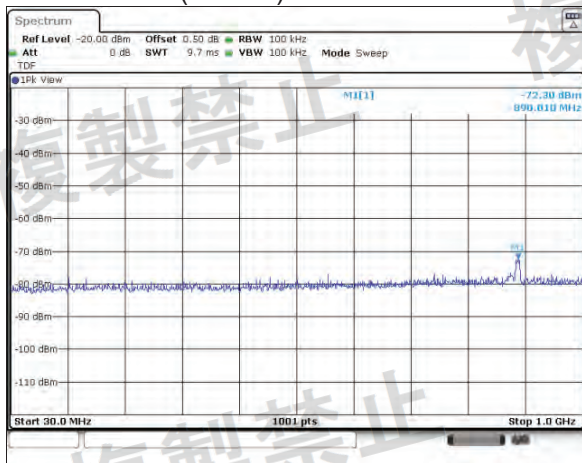
10GHz-26GHz(Detail)

Limit line: -46.99 dBm



Ch.48: 5240MHz

30MHz-1GHz(Search) Limit line: -53.98 dBm

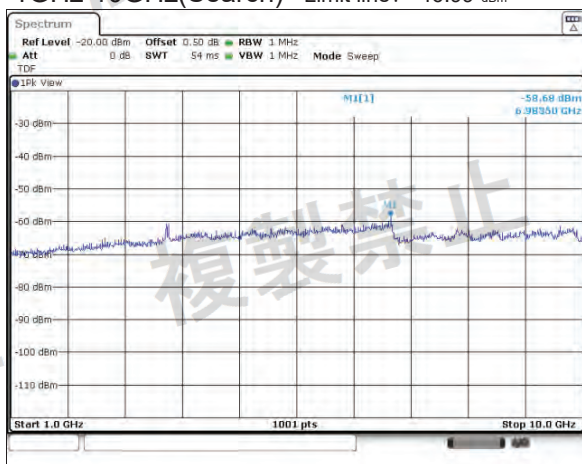


30MHz-1GHz(Detail)

Limit line: -53.98 dBm



1GHz-10GHz(Search) Limit line: -46.99 dBm

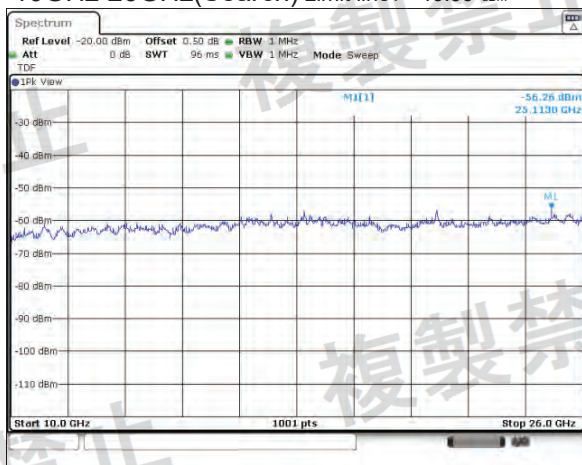


1GHz-10GHz(Detail)

Limit line: -46.99 dBm



10GHz-26GHz(Search) Limit line: -46.99 dBm



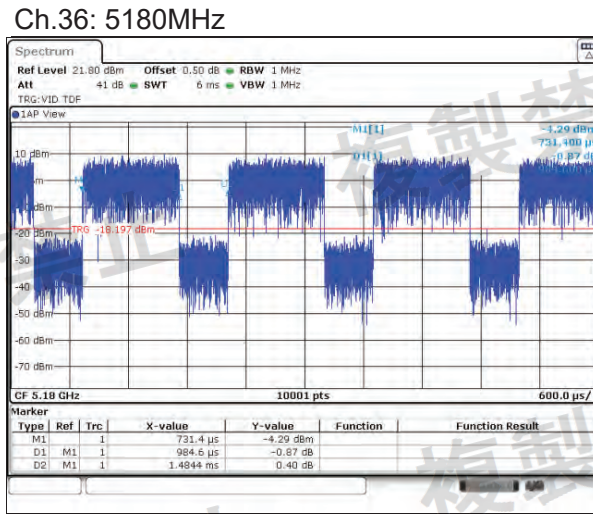
10GHz-26GHz(Detail)

Limit line: -46.99 dBm



7. Test chart

7.8 Burst Length of Transmitted Signals (Rated voltage)



3. Test results (Rated voltage)

S/N : N/A

Environment of test room	Date of test	2019-11-15
	Temperature	24 °C
	Humidity	49 %

Peak Antenna Gain	1.99	dBi
Declaration Output Power	1.50	mW/MHz
	1.76	dBm/MHz
E.I.R.P	2.37	mW/MHz
	3.75	dBm/MHz
Input Power Voltage	12.00	VDC

Test category		IEEE802.11n40/ANT 1	
Tested Circuit Insertion Loss		0	dB
Transmission Time	ON TIME (1sec or less)	0.94	ms
	OFF TIME (0.1sec or more)	0.50	ms
	Ratio	0.65	%

Using TDF and offset function in Spectrum Analyz

Measurement of plots are included Loss value.

(Att : 10dB + Cable loss + EUT cable: 0.5dB offse

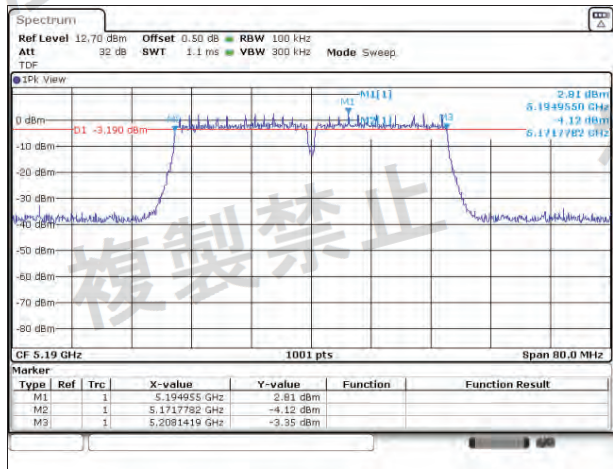
Test category :	5GHz Band Low-Power Data Communication System (802.11n40 W52/ANT 1)
The reason why the tests are performed only at rated voltage :	The fluctuation of input voltage to the circuit of the radio part of the equipment to be tested is identified as being less than $\pm 1\%$ when input voltage from an external supply into the equipment fluctuates $\pm 10\%$. Please refer to "Regulator performance test result_XA402H" file.

Measurement Channel		Ch.	MHz	MHz		
Measurement Frequency		MHz	5190	5230	Result	Limit
Frequency Measurements		MHz	5189.9601	5229.9601	----	----
Frequency Toleranc		ppm	-7.6975	-7.6386	PASS	±20×10-6(20ppm)
Occupied Bandwidth		MHz	36.26	36.18	PASS	38MHz or below
RF Output Power		mW/MHz	1.410	1.608	PASS	5mW/MHz or below
RF Output Power Tolerance		%	-5.997	7.187	PASS	+20% to -80%
Unwanted (Spurious) Emission Strength	30MHz to 5100MHz	uW/MHz	0.064	0.062	PASS	2.5uW/MHz or below
		MHz	5092.400	4717.600	----	----
	5400MHz to 26GHz	uW/MHz	0.195	0.207	PASS	2.5uW/MHz or below
		MHz	18211.000	25125.000	----	----
Adjacent Channel Leakage Power	cf	dB	14.850	15.120	----	----
	cf -40MHz	dB	-41.340	-42.440	PASS	-25dBc or below
	cf +40MHz	dB	-43.120	-42.890	PASS	-25dBc or below
	cf -80MHz	dB	-50.300	-51.150	PASS	-40dBc or below
Out-Band Leakage Power	5100 to 5141.6MHz	uW/MHz	0.061	0.209	PASS	2.5uW/MHz or below
		MHz	5140.846	5138.371	----	----
	5141.6 to 5150MHz	uW/MHz	5.899	0.422	PASS	15uW/MHz or below
		MHz	5149.924	5147.151	----	----
	5250 to 5251MHz	uW/MHz	0.657	192.664	PASS	10 ⁻⁵ mW/MHz or below
		MHz	5250.531	5250.075	----	----
	Limit	uW/MHz	147.221	420.698	----	----
	5251 to 5270MHz	uW/MHz	0.490	18.022	PASS	10 ⁻⁵ mW/MHz or below
		MHz	5252.623	5251.009	----	----
	Limit	uW/MHz	42.720	49.956	----	----
	5270 to 5278.4MHz	uW/MHz	0.305	0.053	PASS	10 ⁻⁵ mW/MHz or below
		MHz	5271.313	5277.070	----	----
	Limit	uW/MHz	6.610	2.984	----	----
	5278.4 to 5400MHz	uW/MHz	0.165	1.389	PASS	2.5uW/MHz or below
		MHz	5278.830	5279.800	----	----
Secondary Emitted Radio Wave Strength	30MHz to 1000MHz	nW	0.029	0.032	PASS	4nW or below
		MHz	886.140	888.080	----	----
	1GHz to 10GHz	nW	0.982	1.016	PASS	20nW or below
		MHz	6956.500	6938.600	----	----
	10GHz to 26GHz	nW	2.099	2.323	PASS	20nW or below
		MHz	18208.000	18208.000	----	----
Burst Length of Transmitted Signals			Good	Good	PASS	4ms or below
Carrier Sensing Function			PASS	PASS	PASS	100mV/m
Interference Prevention Function			Good		PASS	

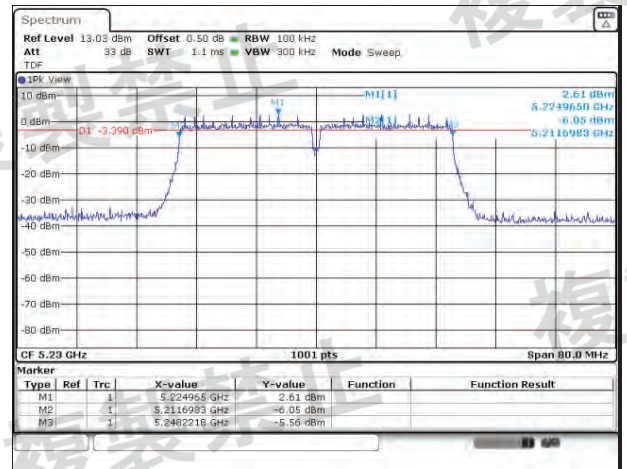
7. Test chart

7.1 Frequency tolerance (Rated voltage)

Ch.38: 5190MHz



Ch.46: 5230MHz

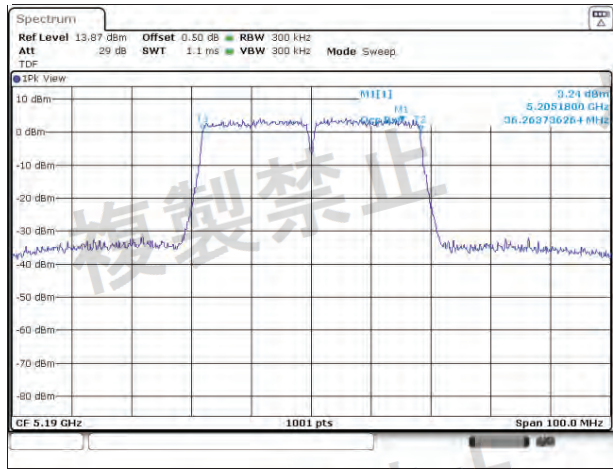


7. Test chart

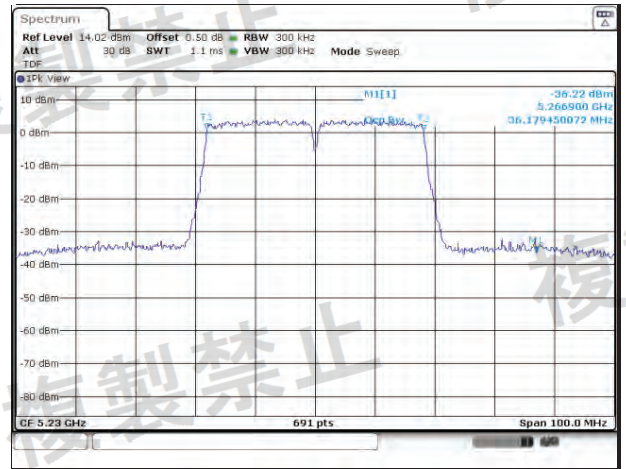
7.2 Occupied bandwidth / Spread bandwidth (Rated voltage)

Occupied bandwidth

Ch.38: 5190MHz



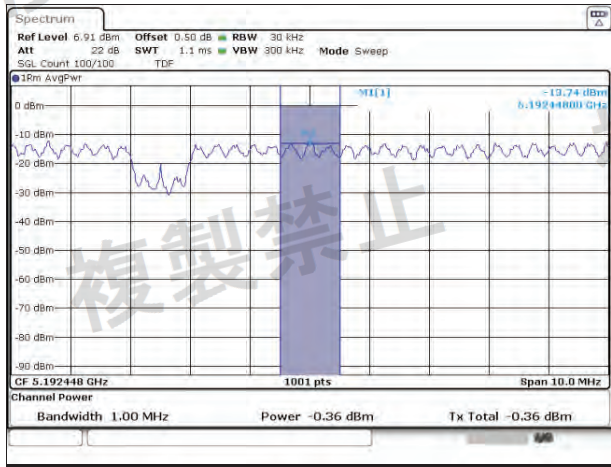
Ch.46: 5230MHz



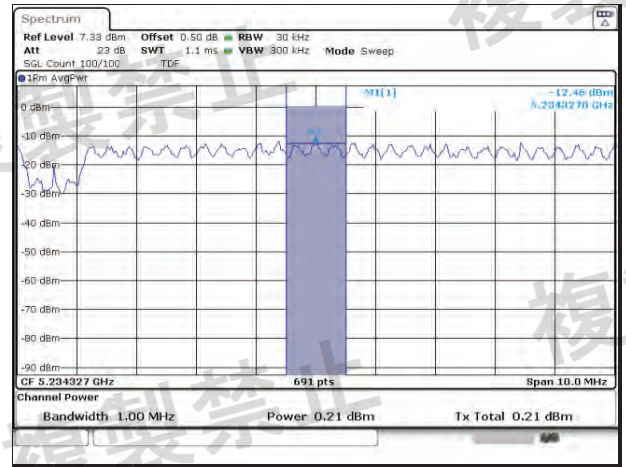
7. Test chart

7.4 RF output power tolerance (Rated voltage)

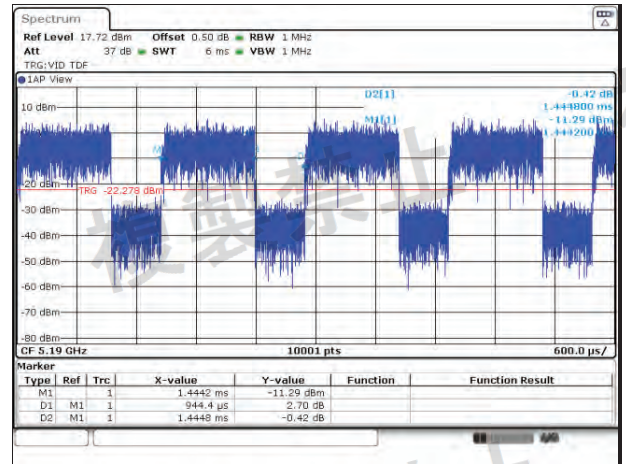
Ch.38: 5190MHz



Ch.46: 5230MHz



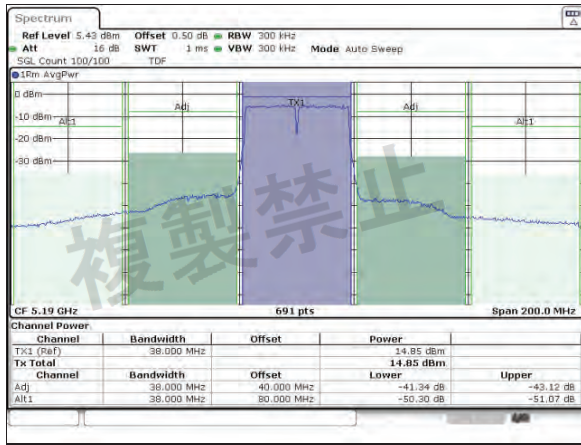
ON/OFF time



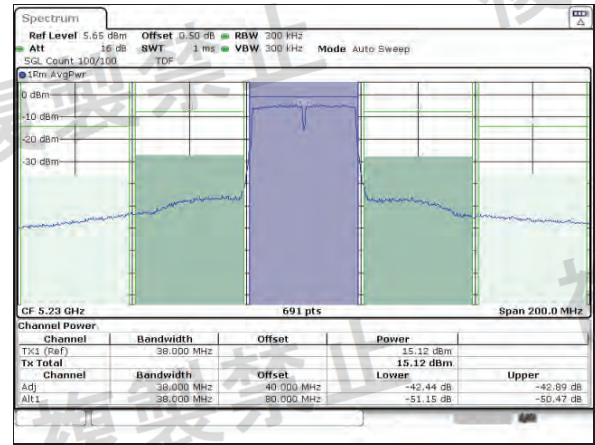
7. Test chart

7.4 Adjacent Channel Leakage Power (Rated voltage)

Ch.38: 5190MHz



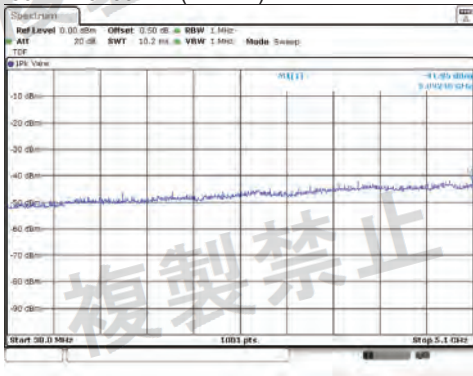
Ch.46: 5230MHz



7. Test chart

7.5 Unwanted(Spurious) emission strength (Rated voltage)

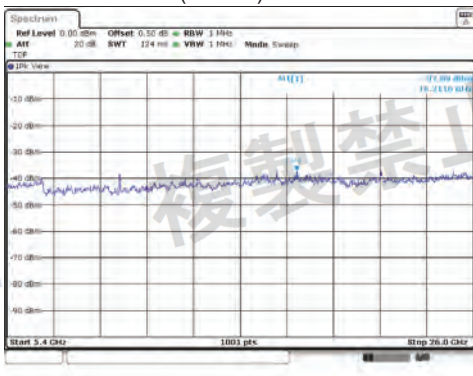
Ch.38: 5190MHz
30MHz-5100MHz(Search)



30MHz-5100MHz(Detail)



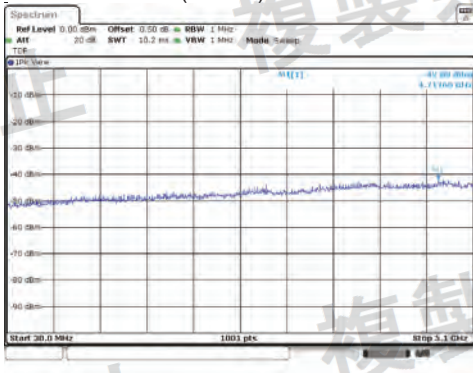
5400MHz-26GHz(Search)



5400MHz-26GHz(Detail)



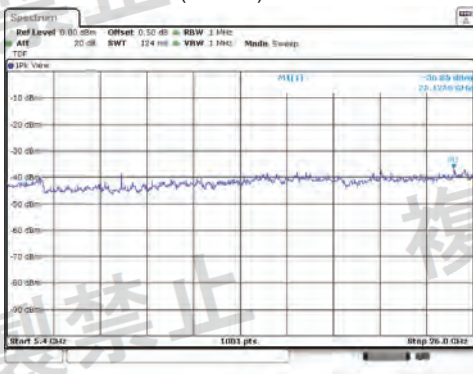
Ch.46: 5230MHz
30MHz-5100MHz(Search)



30MHz-5100MHz(Detail)



5400MHz-26GHz(Search)



5400MHz-26GHz(Detail)

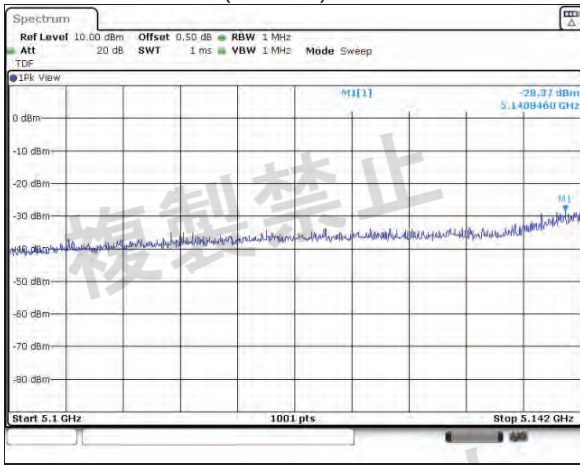


7. Test chart

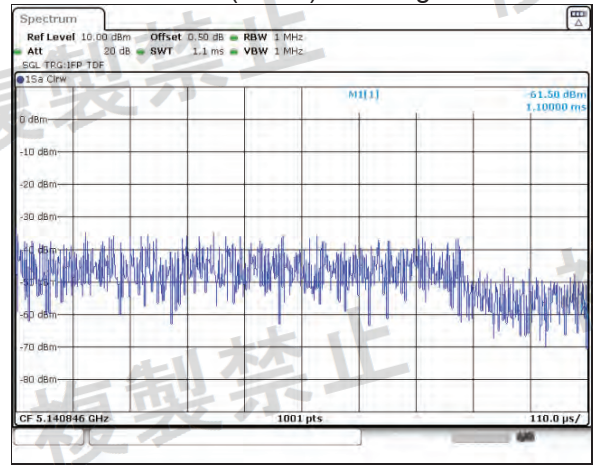
7.6 Out-Band Leakage Power (Rated voltage)

Ch.38: 5190MHz

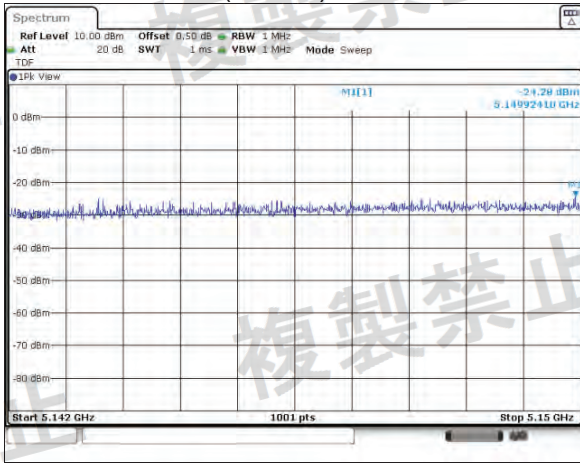
5100-5141.6MHz(Search)



5100-5141.6MHz(Detail) Average : -44.14 dBm



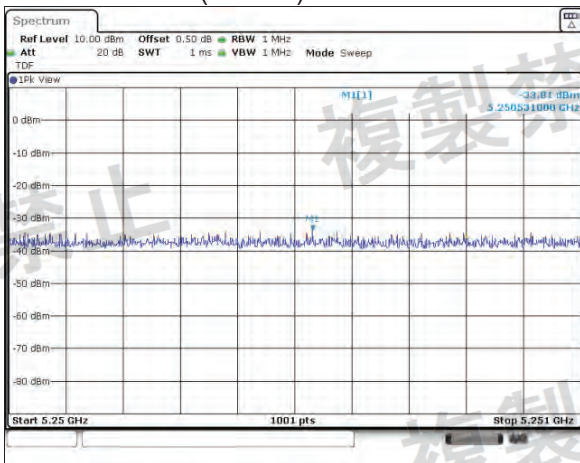
5141.6-5150MHz(Search)



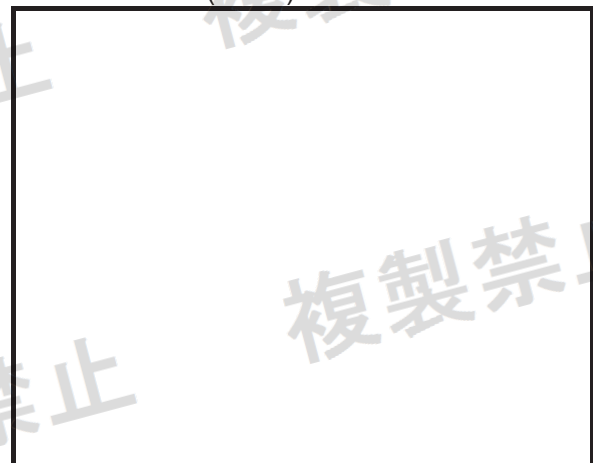
5141.6-5150MHz(Detail)



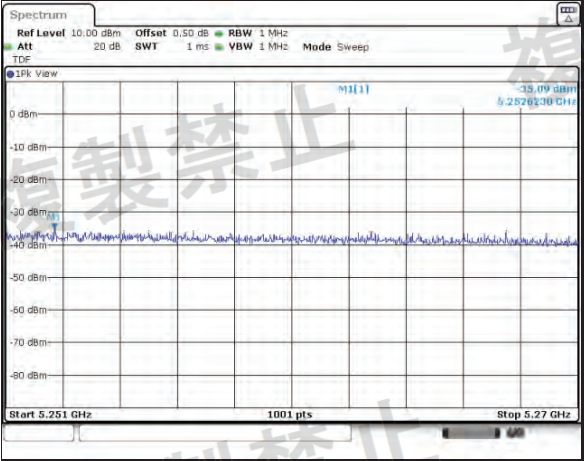
5250-5251MHz(Search)



5250-5251MHz(Detail)



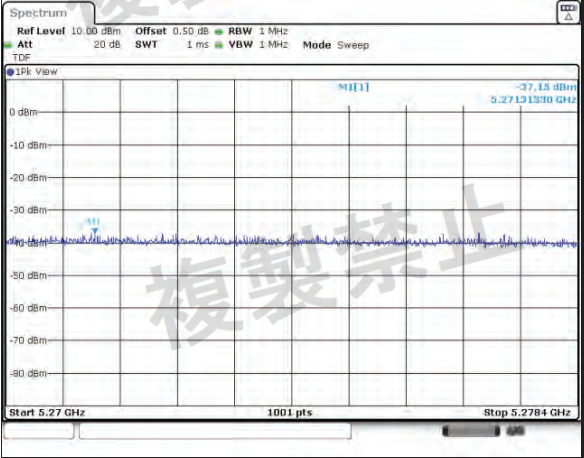
5251-5270MHz(Search)



5251-5270MHz(Detail)



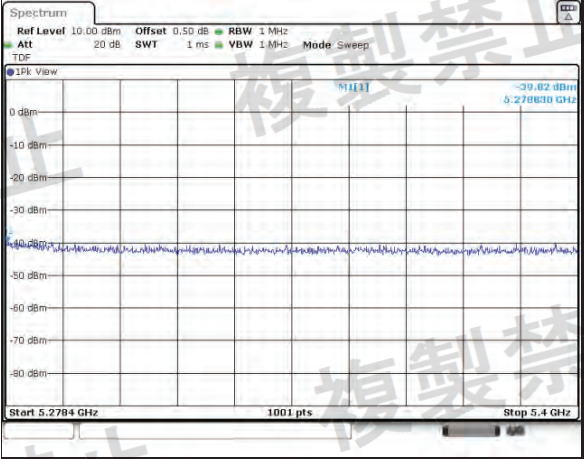
5270-5278.4MHz(Search)



5270-5278.4MHz(Detail)



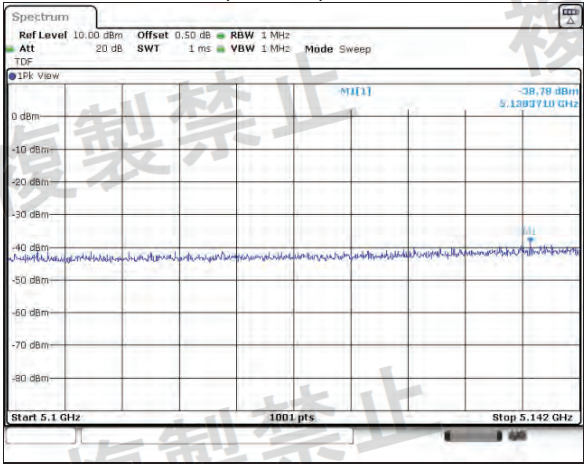
5278.4-5400MHz(Search)



5278.4-5400MHz(Detail)



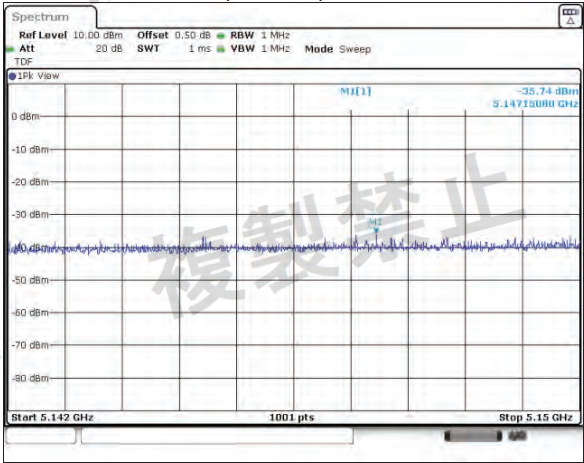
Ch.46: 5230MHz
5100-5141.6MHz(Search)



5100-5141.6MHz(Detail)



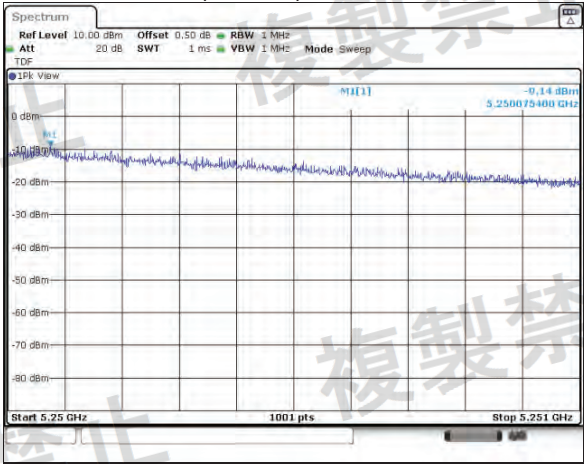
5141.6-5150MHz(Search)



5141.6-5150MHz(Detail)



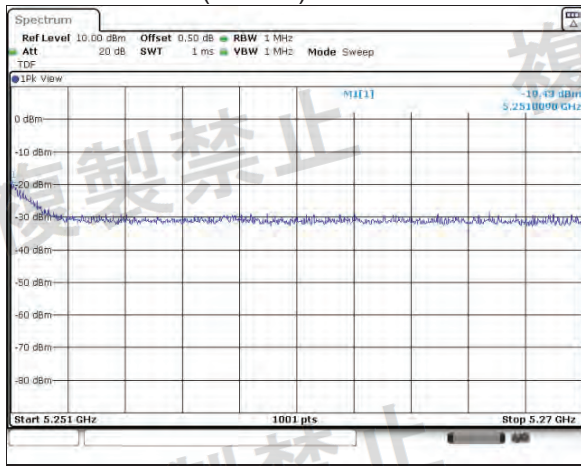
5250-5251MHz(Search)



5250-5251MHz(Detail)



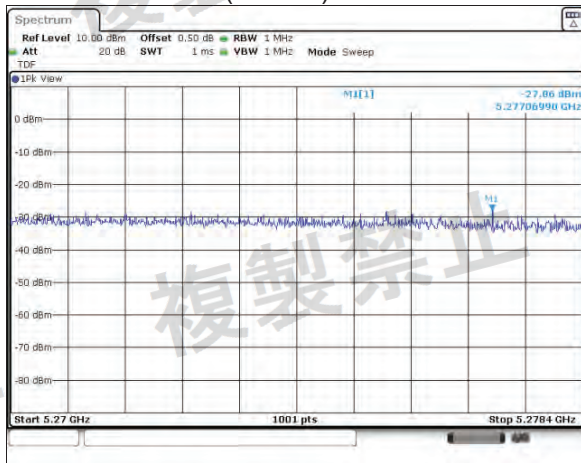
5251-5270MHz(Search)



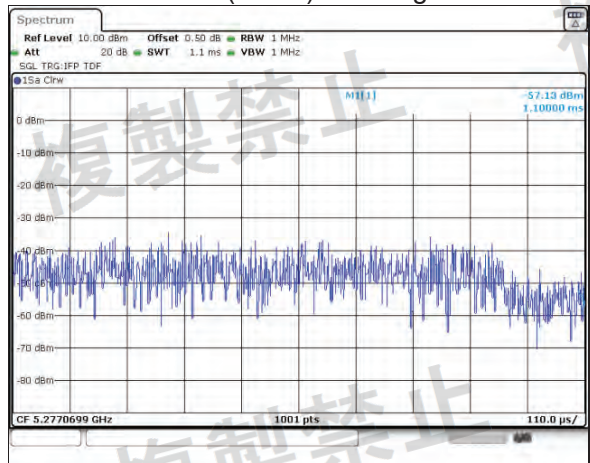
5251-5270MHz(Detail)



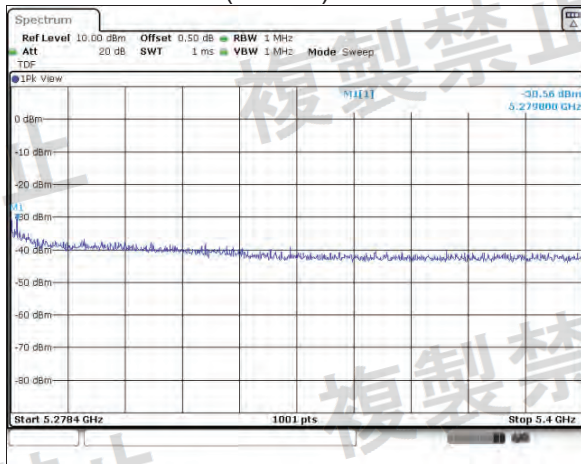
5270-5278.4MHz(Search)



5270-5278.4MHz(Detail) Average : -44.74 dBm



5278.4-5400MHz(Search)



5278.4-5400MHz(Detail)

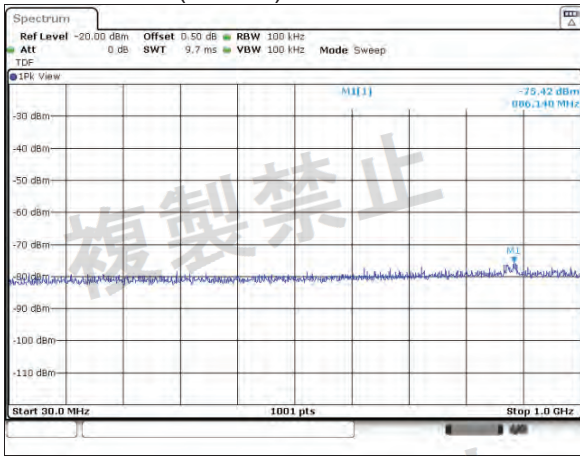


7. Test chart

7.7 Secondary emitted radio wave strength (Rated voltage)

Ch.38: 5190MHz

30MHz-1GHz(Search) Limit line: -53.98 dBm

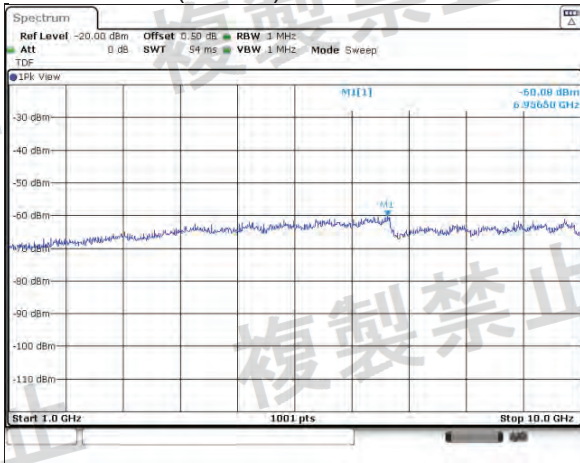


30MHz-1GHz(Detail)

Limit line: -53.98 dBm



1GHz-10GHz(Search) Limit line: -46.99 dBm

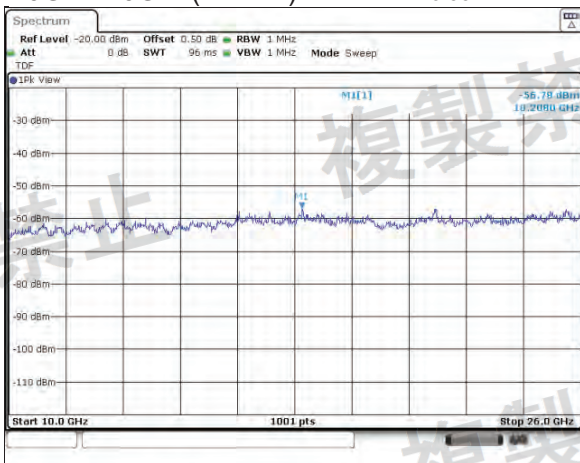


1GHz-10GHz(Detail)

Limit line: -46.99 dBm

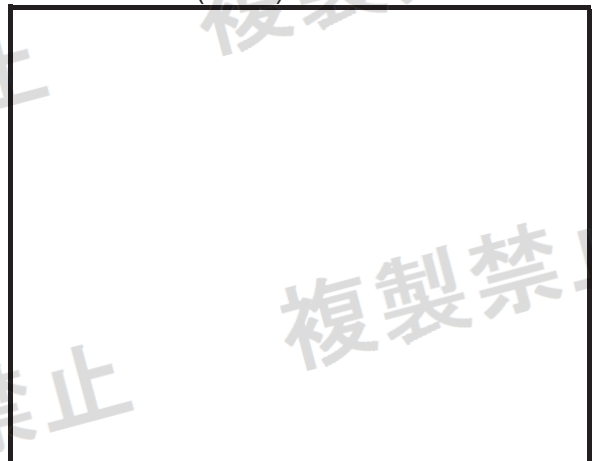


10GHz-26GHz(Search) Limit line: -46.99 dBm



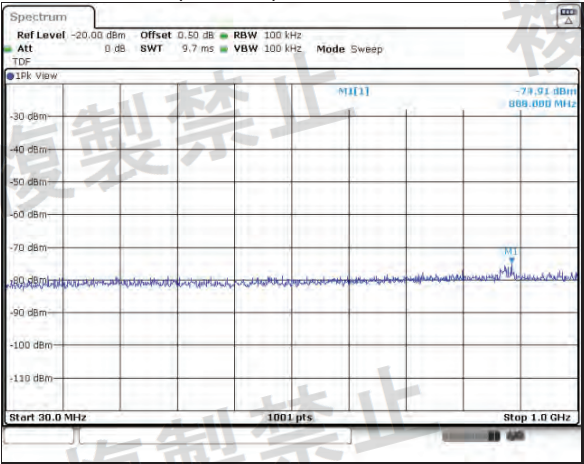
10GHz-26GHz(Detail)

Limit line: -46.99 dBm



Ch.46: 5230MHz

30MHz-1GHz(Search) Limit line: -53.98 dBm

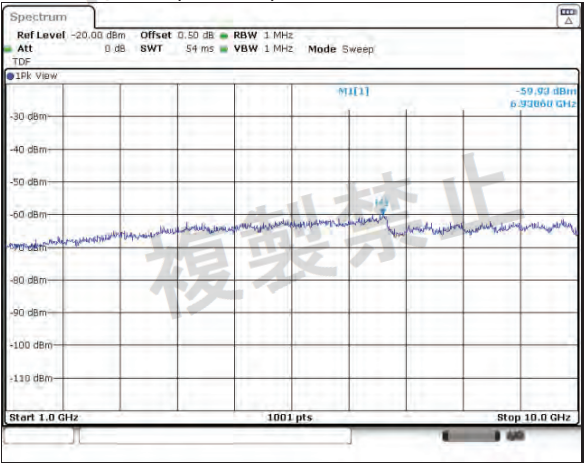


30MHz-1GHz(Detail)

Limit line: -53.98 dBm



1GHz-10GHz(Search) Limit line: -46.99 dBm

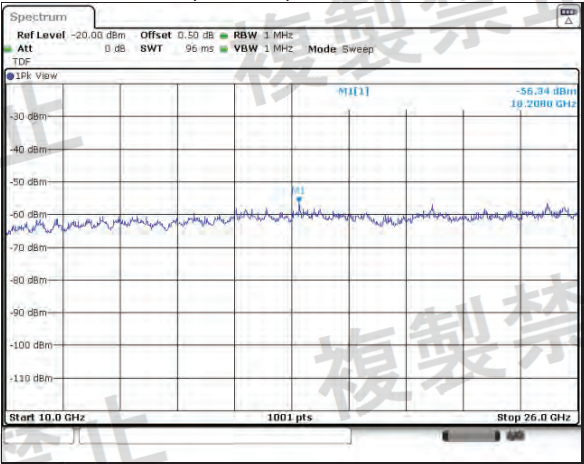


1GHz-10GHz(Detail)

Limit line: -46.99 dBm



10GHz-26GHz(Search) Limit line: -46.99 dBm



10GHz-26GHz(Detail)

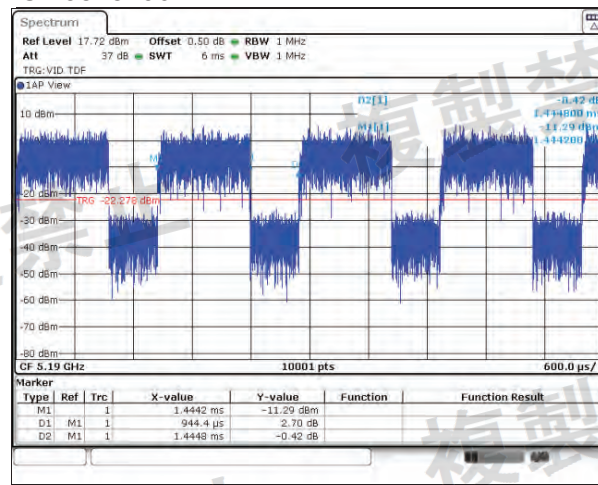
Limit line: -46.99 dBm



7. Test chart

7.8 Burst Length of Transmitted Signals (Rated voltage)

Ch.38: 5190MHz



3. Test results (Rated voltage)

S/N : N/A

Environment of test room	Date of test	2019-11-16
	Temperature	25 °C
	Humidity	49 %

Peak Antenna Gain	3.91	dBi
Declaration Output Power	1.70	mW/MHz
	2.30	dBm/MHz
E.I.R.P	4.18	mW/MHz
	6.21	dBm/MHz
Input Power Voltage	12.00	VDC

Test category		IEEE802.11n40/ANT 2	
Tested Circuit Insertion Loss		0	dB
Transmission Time	ON TIME (1sec or less)	0.95	ms
	OFF TIME (0.1sec or more)	0.49	ms
	Ratio	0.66	%

Using TDF and offset function in Spectrum Analyz

Measurement of plots are included Loss value.

(Att : 10dB + Cable loss + EUT cable: 0.5dB offse

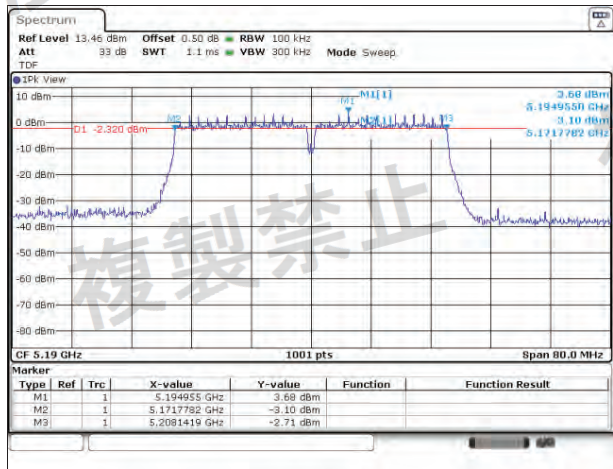
Test category :	5GHz Band Low-Power Data Communication System (802.11n40 W52/ANT 2)
The reason why the tests are performed only at rated voltage :	The fluctuation of input voltage to the circuit of the radio part of the equipment to be tested is identified as being less than $\pm 1\%$ when input voltage from an external supply into the equipment fluctuates $\pm 10\%$. Please refer to "Regulator performance test result_XA402H" file.

Measurement Channel		Ch.	MHz	MHz			
Measurement Frequency		MHz	5190	5230	Result	Limit	
Frequency Measurements		MHz	5189.9601	5230.0001	----	----	
Frequency Toleranc		ppm	-7.6975	0.0191	PASS	±20×10-6(20ppm)	
Occupied Bandwidth		MHz	36.36	36.18	PASS	38MHz or below	
RF Output Power		mW/MHz	1.781	1.773	PASS	5mW/MHz or below	
RF Output Power Tolerance		%	4.759	4.277	PASS	+20% to -80%	
Unwanted (Spurious) Emission Strength	30MHz to 5100MHz	uW/MHz	0.099	0.084	PASS	2.5uW/MHz or below	
		MHz	5097.500	3486.800	----	----	
	5400MHz to 26GHz	uW/MHz	0.369	0.232	PASS	2.5uW/MHz or below	
		MHz	10370.000	18211.000	----	----	
Adjacent Channel Leakage Power	cf	dB	15.680	15.240	----	----	
	cf -40MHz	dB	-39.350	-38.780	PASS	-25dBc or below	
	cf +40MHz	dB	-44.070	-45.030	PASS	-25dBc or below	
	cf -80MHz	dB	-49.690	-50.320	PASS	-40dBc or below	
Out-Band Leakage Power	5100 to 5141.6MHz	uW/MHz	0.089	0.432	PASS	2.5uW/MHz or below	
		MHz	5141.853	5137.028	----	----	
	5141.6 to 5150MHz	uW/MHz	7.736	0.814	PASS	15uW/MHz or below	
		MHz	5143.147	5147.694	----	----	
	5250 to 5251MHz	uW/MHz	0.663	358.509	PASS	10 ⁻⁴ mW/MHz or below	
		MHz	5250.979	5250.025	----	----	
	Limit	uW/MHz	52.477	472.030	----	----	
	5251 to 5270MHz	uW/MHz	0.735	26.212	PASS	10 ⁻⁴ mW/MHz or below	
		MHz	5254.521	5251.104	----	----	
	Limit	uW/MHz	35.540	49.498	----	----	
	5270 to 5278.4MHz	uW/MHz	0.457	3.618	PASS	10 ⁻⁴ mW/MHz or below	
		MHz	5276.583	5271.288	----	----	
	Limit	uW/MHz	3.191	6.633	----	----	
		uW/MHz	0.345	1.126	PASS	2.5uW/MHz or below	
	Secondary Emitted Radio Wave Strength	30MHz to 1000MHz	MHz	5280.650	5280.040	----	----
nW			0.041	0.043	PASS	4nW or below	
1GHz to 10GHz		MHz	889.050	889.050	----	----	
		nW	1.172	1.021	PASS	20nW or below	
10GHz to 26GHz		MHz	6920.600	6974.500	----	----	
		nW	2.133	2.831	PASS	20nW or below	
Limit		MHz	18208.000	21900.000	----	----	
Burst Length of Transmitted Signals			Good	Good	PASS	4ms or below	
Carrier Sensing Function			PASS	PASS	PASS	100mV/m	
Interference Prevention Function			Good		PASS		

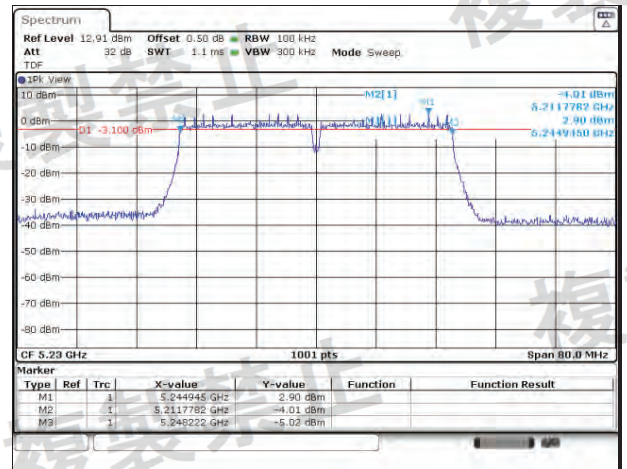
7. Test chart

7.1 Frequency tolerance (Rated voltage)

Ch.38: 5190MHz



Ch.46: 5230MHz

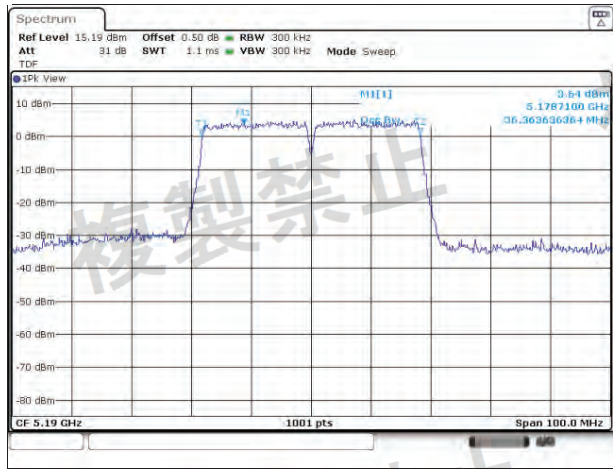


7. Test chart

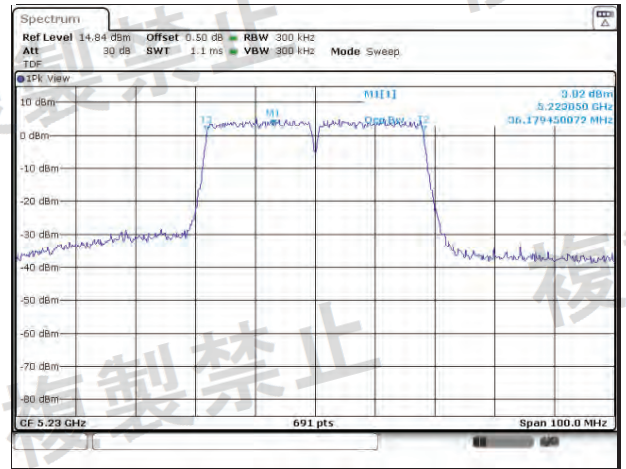
7.2 Occupied bandwidth / Spread bandwidth (Rated voltage)

Occupied bandwidth

Ch.38: 5190MHz



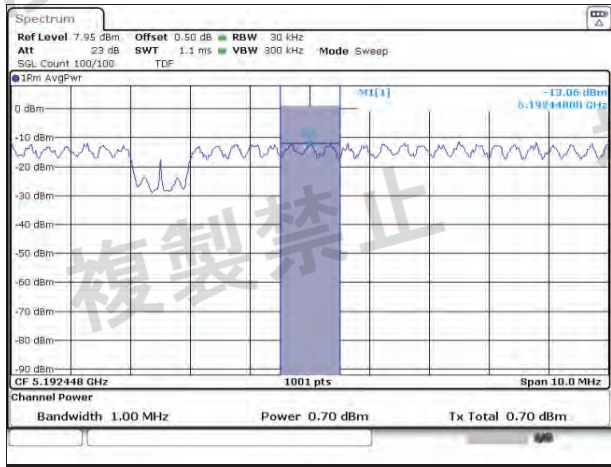
Ch.46: 5230MHz



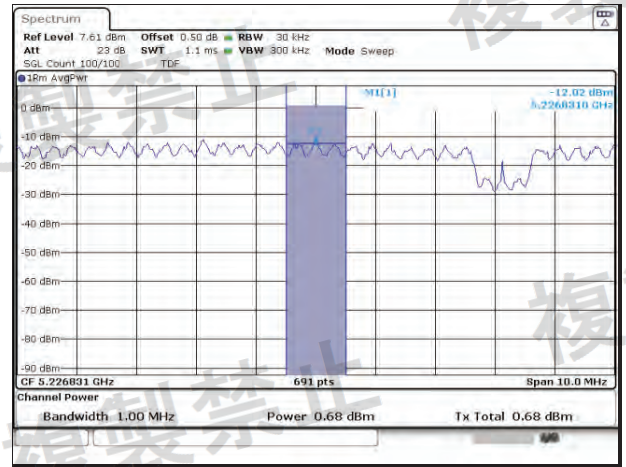
7. Test chart

7.4 RF output power tolerance (Rated voltage)

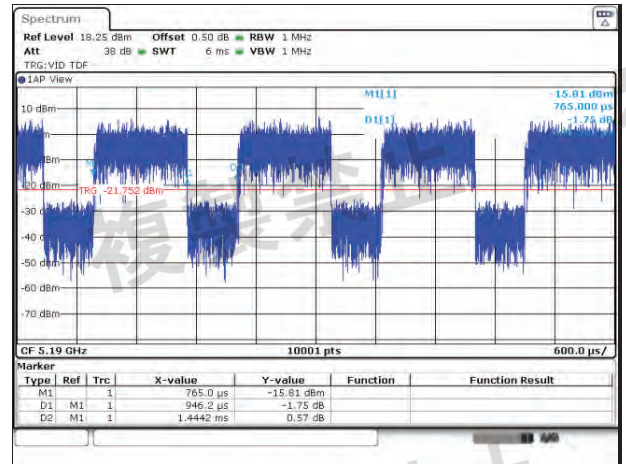
Ch.38: 5190MHz



Ch.46: 5230MHz



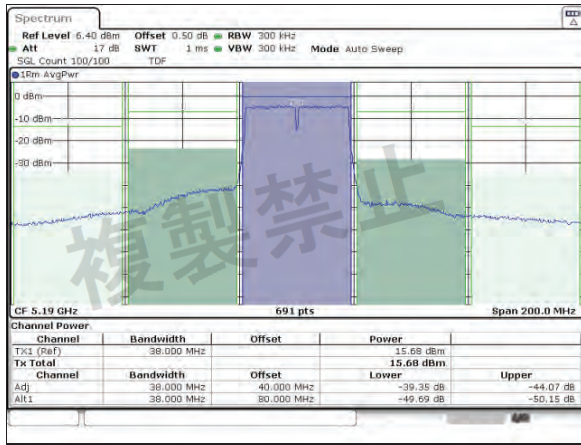
ON/OFF time



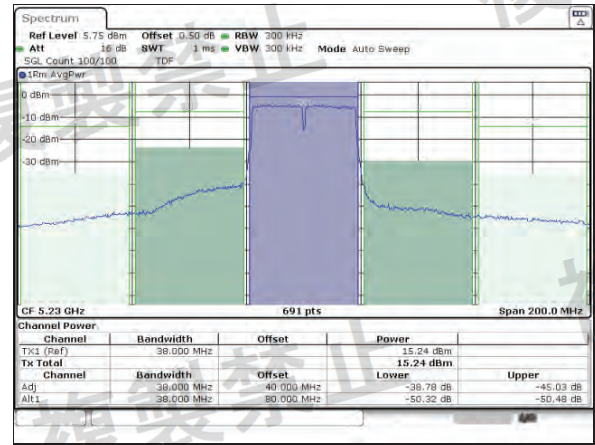
7. Test chart

7.4 Adjacent Channel Leakage Power (Rated voltage)

Ch.38: 5190MHz



Ch.46: 5230MHz

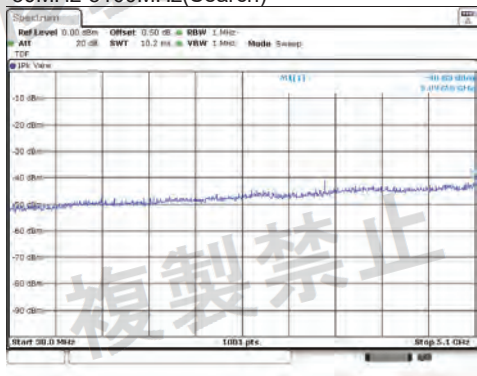


7. Test chart

7.5 Unwanted(Spurious) emission strength (Rated voltage)

Ch.38: 5190MHz

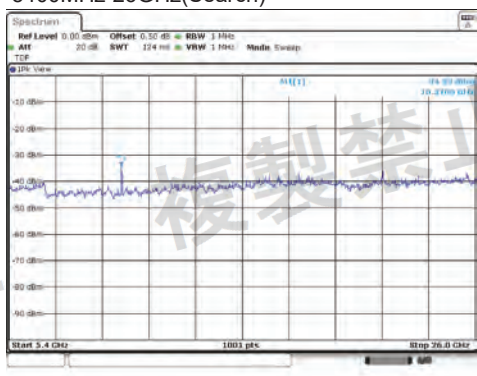
30MHz-5100MHz(Search)



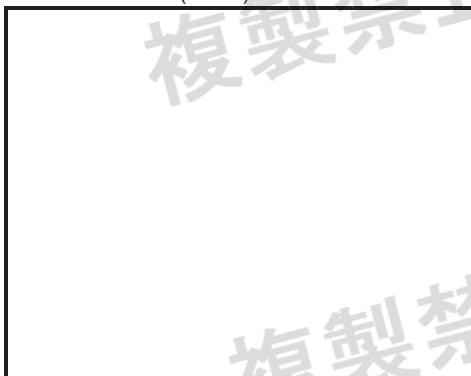
30MHz-5100MHz(Detail)



5400MHz-26GHz(Search)

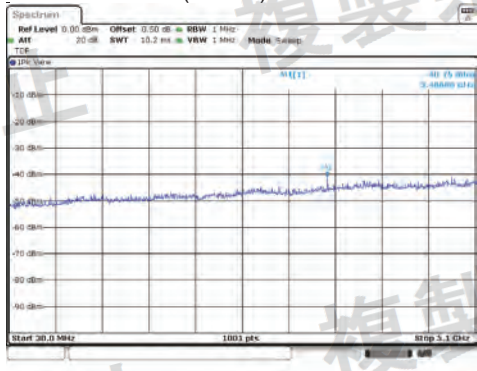


5400MHz-26GHz(Detail)



Ch.46: 5230MHz

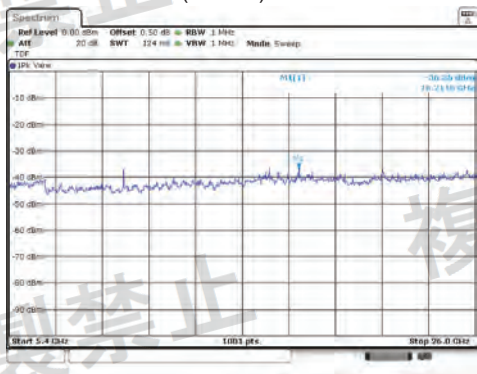
30MHz-5100MHz(Search)



30MHz-5100MHz(Detail)



5400MHz-26GHz(Search)



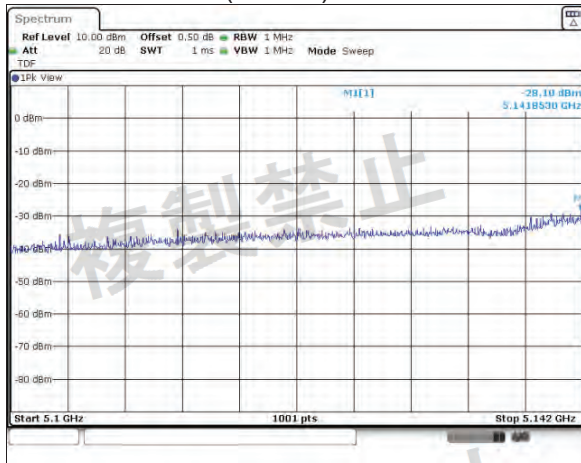
5400MHz-26GHz(Detail)



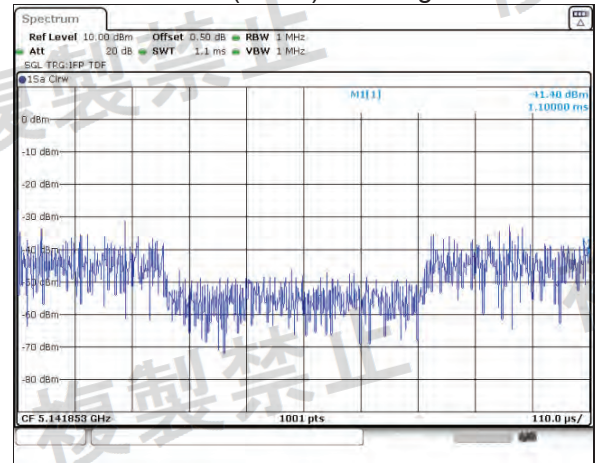
7.6 Out-Band Leakage Power (Rated voltage)

Ch.38: 5190MHz

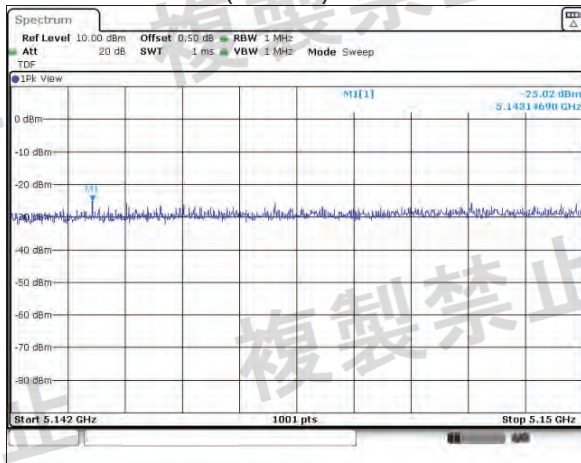
5100-5141.6MHz(Search)



5100-5141.6MHz(Detail) Average : -44.41 dBm



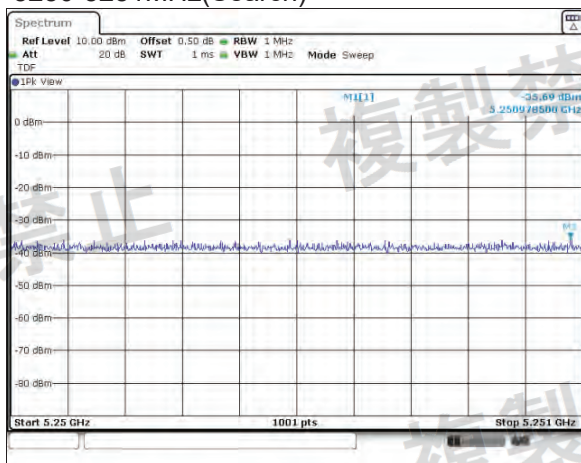
5141.6-5150MHz(Search)



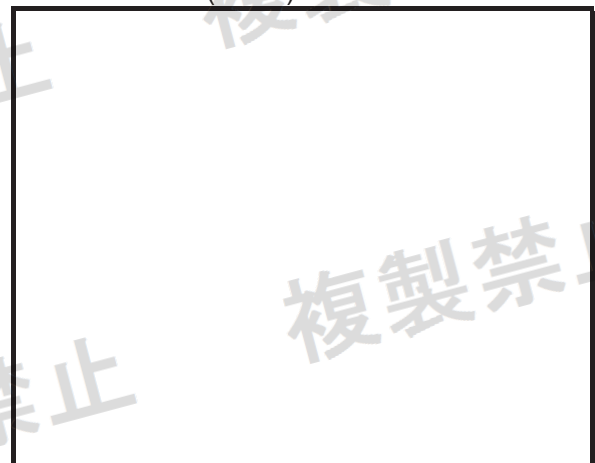
5141.6-5150MHz(Detail)



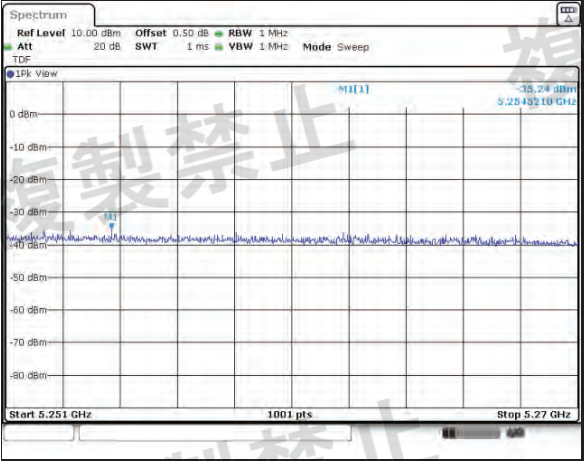
5250-5251MHz(Search)



5250-5251MHz(Detail)



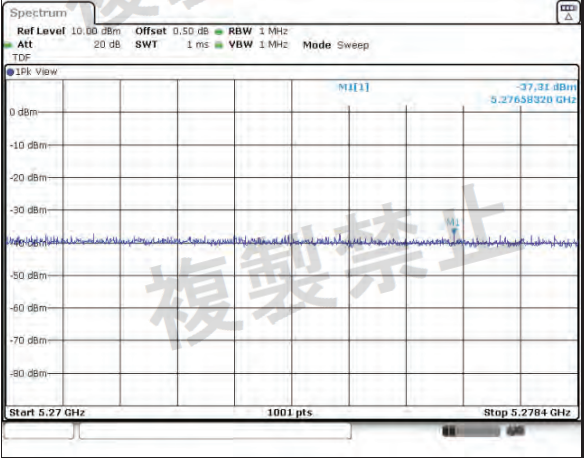
5251-5270MHz(Search)



5251-5270MHz(Detail)



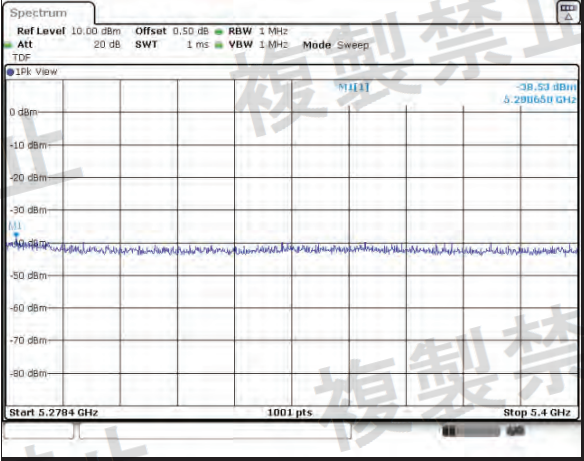
5270-5278.4MHz(Search)



5270-5278.4MHz(Detail)



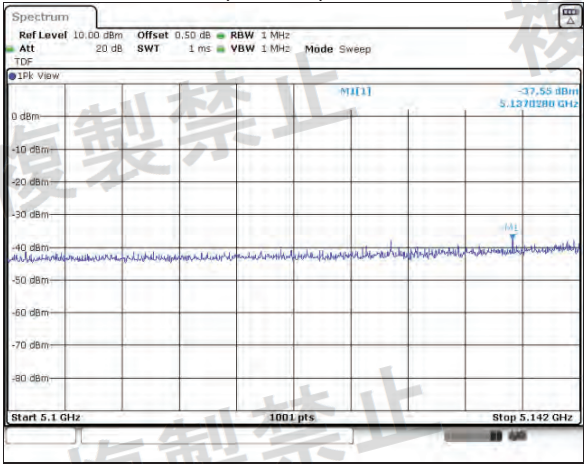
5278.4-5400MHz(Search)



5278.4-5400MHz(Detail)



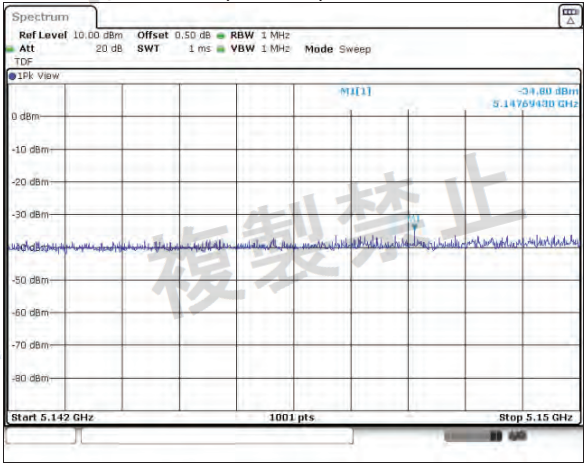
Ch.46: 5230MHz
5100-5141.6MHz(Search)



5100-5141.6MHz(Detail)



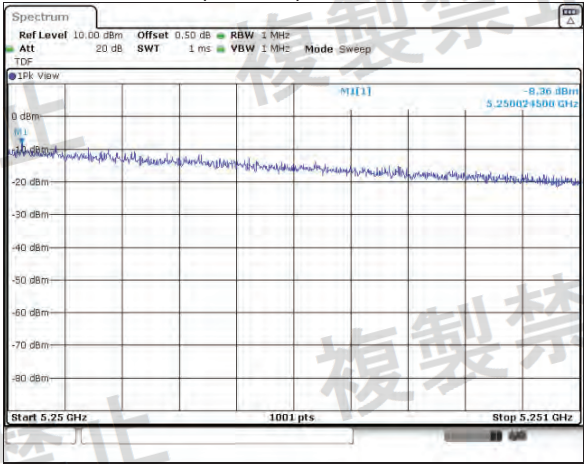
5141.6-5150MHz(Search)



5141.6-5150MHz(Detail)



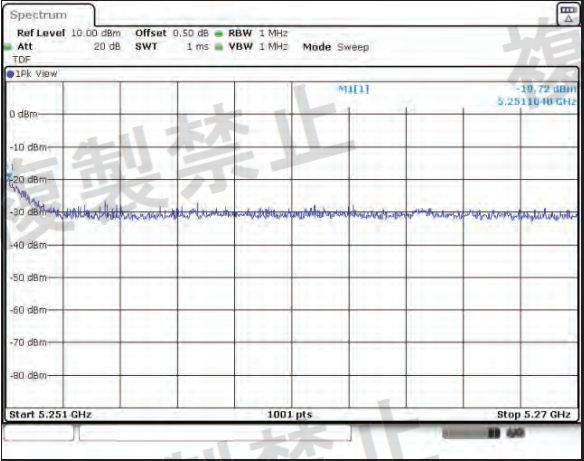
5250-5251MHz(Search)



5250-5251MHz(Detail)



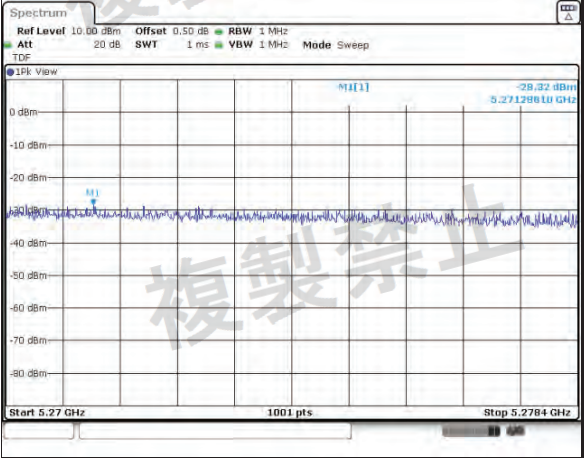
5251-5270MHz(Search)



5251-5270MHz(Detail)



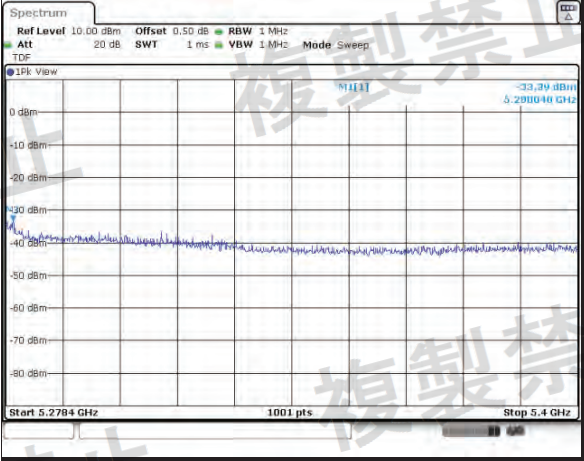
5270-5278.4MHz(Search)



5270-5278.4MHz(Detail)



5278.4-5400MHz(Search)



5278.4-5400MHz(Detail)

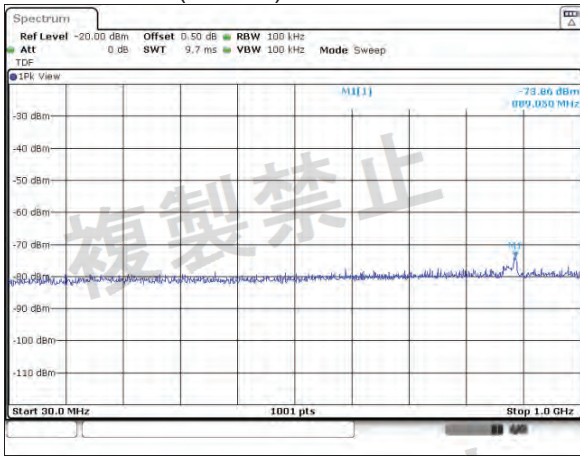


7. Test chart

7.7 Secondary emitted radio wave strength (Rated voltage)

Ch.38: 5190MHz

30MHz-1GHz(Search) Limit line: -53.98 dBm

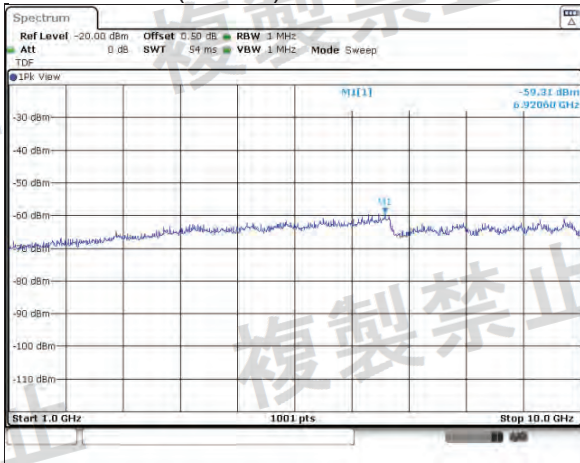


30MHz-1GHz(Detail)

Limit line: -53.98 dBm



1GHz-10GHz(Search) Limit line: -46.99 dBm

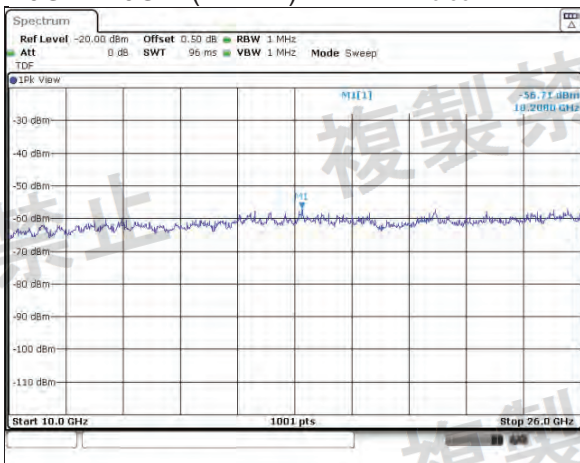


1GHz-10GHz(Detail)

Limit line: -46.99 dBm



10GHz-26GHz(Search) Limit line: -46.99 dBm



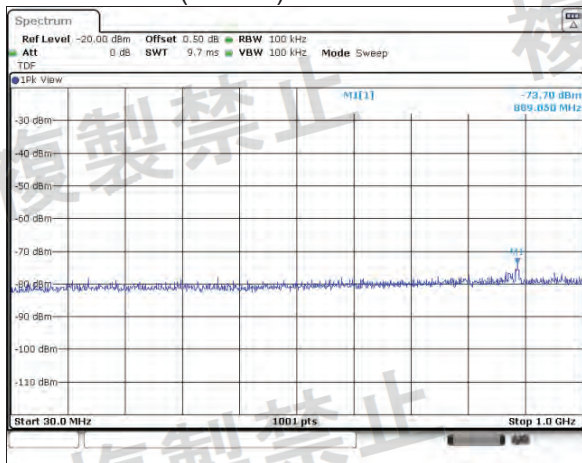
10GHz-26GHz(Detail)

Limit line: -46.99 dBm



Ch.46: 5230MHz

30MHz-1GHz(Search) Limit line: -53.98 dBm

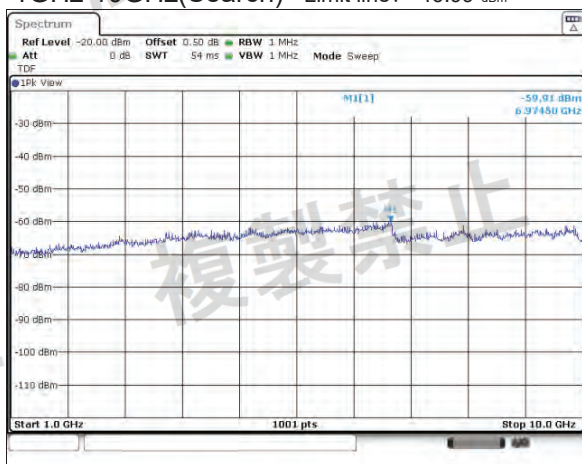


30MHz-1GHz(Detail)

Limit line: -53.98 dBm



1GHz-10GHz(Search) Limit line: -46.99 dBm

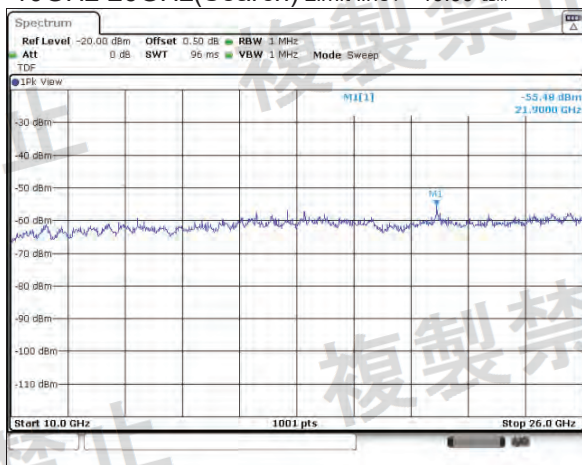


1GHz-10GHz(Detail)

Limit line: -46.99 dBm

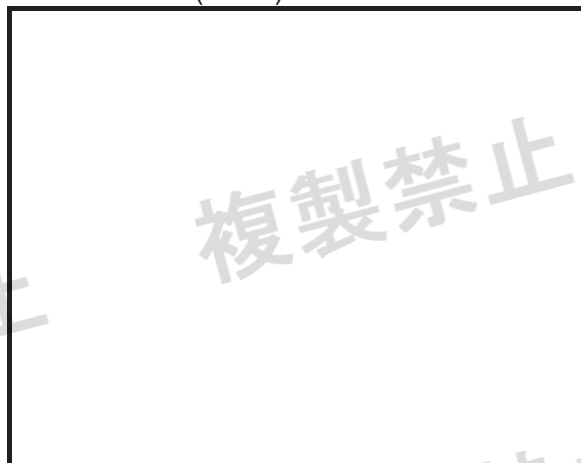


10GHz-26GHz(Search) Limit line: -46.99 dBm



10GHz-26GHz(Detail)

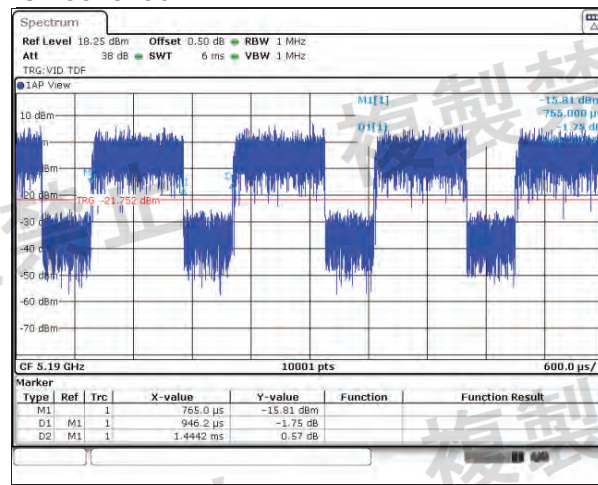
Limit line: -46.99 dBm



7. Test chart

7.8 Burst Length of Transmitted Signals (Rated voltage)

Ch.38: 5190MHz



3. Test results (Rated voltage)

S/N : N/A

Environment of test room	Date of test	2019-11-18
	Temperature	23 °C
	Humidity	54 %

Peak Antenna Gain	3.91	dBi
Declaration Output Power	2.00	mW/MHz
	3.01	dBm/MHz
E.I.R.P	4.92	mW/MHz
	6.92	dBm/MHz
Input Power Voltage	12.00	VDC

Test category		IEEE802.11n40 / MIMO(2TX)	
Tested Circuit Insertion Loss		0	dB
Transmission Time	ON TIME (1sec or less)	0.50	ms
	OFF TIME (0.1sec or more)	0.50	ms
	Ratio	0.50	%

Using TDF and offset function in Spectrum Analyz

Measurement of plots are included Loss value.

(Att : 10dB + Cable loss + EUT cable: 0.5dB offse

Test category :	5GHz Band Low-Power Data Communication System (802.11n40 W52/MIMO(2TX))
The reason why the tests are performed only at rated voltage:	The fluctuation of input voltage to the circuit of the radio part of the equipment to be tested is identified as being less than ±1 % when input voltage from an external supply into the equipment fluctuates ±10 %. Please refer to "Regulator performance test result_XA402H" file.

Measurement Channel	Ch.	38	46		
Measurement Frequency	MHz	5190	5230	Result	Limit
Frequency Measurements(Tx1)	MHz	5189.9601	5230.0399	----	----
Frequency Tolerance(Tx1)	ppm	-7.6879	7.6291	PASS	±20×10-6(20ppm)
Frequency Measurements(Tx2)	MHz	5189.9450	5229.9422	----	----
Frequency Tolerance(Tx2)	ppm	-10.5973	-11.0612	PASS	±20×10-6(20ppm)
Occupied Bandwidth(Tx1)	MHz	36.26	36.18	PASS	38MHz or below
Occupied Bandwidth(Tx2)	MHz	36.16	36.18	PASS	38MHz or below
RF Output Power(Tx1)	mW/MHz	0.836	0.676	PASS	5mW/MHz or below
RF Output Power(Tx2)	mW/MHz	0.942	0.966	PASS	5mW/MHz or below
RF Output Power (Tx1+2)	mW/MHz	1.778	1.642	PASS	5mW/MHz or below
RF Output Power Tolerance (Tx1+2)	%	-11.119	-17.888	PASS	+20% to -80%

Measurement Channel		Ch.	38	46		
Measurement Frequency		MHz	5190	5230	Result	Limit
Unwanted (Spurious) Emission Strength (Tx1)	30MHz to 5100MHz	uW/MHz	0.057	0.080	PASS	2.5uW/MHz or below
		MHz	4803.700	4013.600	----	----
	5400MHz to 26GHz	uW/MHz	0.191	0.211	PASS	2.5uW/MHz or below
		MHz	21894.000	21936.000	----	----
Unwanted (Spurious) Emission Strength (Tx2)	30MHz to 5100MHz	uW/MHz	0.073	0.085	PASS	2.5uW/MHz or below
		MHz	3461.500	3486.800	----	----
	5400MHz to 26GHz	uW/MHz	0.211	0.251	PASS	2.5uW/MHz or below
		MHz	18211.000	18211.000	----	----
Unwanted (Spurious) Emission Strength (Tx1+2)	30MHz to 5100MHz	uW/MHz	0.130	0.165	PASS	2.5uW/MHz or below
		----	----	----	----	----
	5400MHz to 26GHz	uW/MHz	0.402	0.461	PASS	2.5uW/MHz or below
		----	----	----	----	----
Adjacent Channel Leakage Power (Tx1)	cf	dB	11.560	11.280	----	----
	cf -40MHz	dB	-43.080	-42.690	PASS	-25dBc or below
	cf +40MHz	dB	-44.390	-44.710	PASS	-25dBc or below
	cf -80MHz	dB	-52.490	-51.730	PASS	-40dBc or below
	cf +80MHz	dB	-51.690	-50.710	PASS	-40dBc or below
	cf	dB	11.480	11.810	----	----
Adjacent Channel Leakage Power (Tx2)	cf	dB	-41.590	-43.050	PASS	-25dBc or below
	cf +40MHz	dB	-43.730	-44.140	PASS	-25dBc or below
	cf -80MHz	dB	-51.550	-51.900	PASS	-40dBc or below
	cf +80MHz	dB	-50.720	-51.100	PASS	-40dBc or below
	cf	dB	-41.590	-43.050	PASS	-25dBc or below
	cf +40MHz	dB	-43.730	-44.140	PASS	-25dBc or below

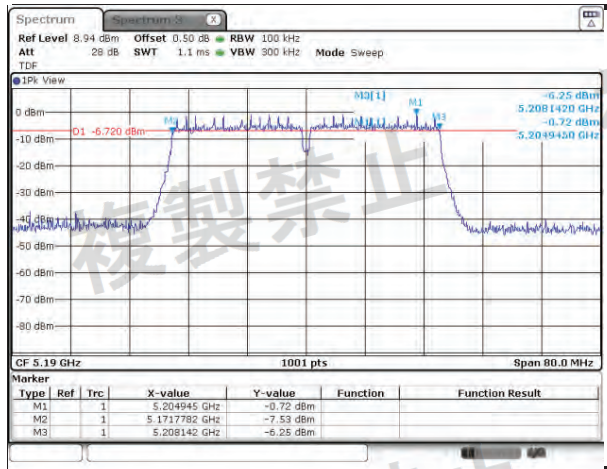
Measurement Channel		Ch.	38	46	Result	Limit
Measurement Frequency			5190	5230		
Out-Band Leakage Power (Tx1)	5100 to 5141.6MHz	uW/MHz	0.014	0.117	PASS	2.5uW/MHz or below
		MHz	5141.434	5131.951	----	----
	5141.6 to 5150MHz	uW/MHz	1.300	0.136	PASS	15uW/MHz or below
		MHz	5147.638	5144.769	----	----
	5250 to 5251MHz	uW/MHz	0.202	94.798	PASS	$10^{1-49.0}$ mW/MHz or below
		MHz	5250.511	5250.012	----	----
	Limit	uW/MHz	154.159	486.374	----	----
		uW/MHz	0.205	11.010	PASS	$10^{1-49.0}$ mW/MHz or below
	5251 to 5270MHz	uW/MHz	0.205	11.010	PASS	$10^{1-49.0}$ mW/MHz or below
		MHz	5252.015	5251.009	----	----
	Limit	uW/MHz	45.314	49.956	----	----
		uW/MHz	0.162	1.230	PASS	$10^{1-49.0}$ mW/MHz or below
Out-Band Leakage Power (Tx2)	5100 to 5141.6MHz	uW/MHz	1.424	0.240	PASS	2.5uW/MHz or below
		MHz	5140.754	5140.268	----	----
	5141.6 to 5150MHz	uW/MHz	2.441	0.320	PASS	15uW/MHz or below
		MHz	5144.483	5148.246	----	----
	5250 to 5251MHz	uW/MHz	0.350	122.039	PASS	$10^{1-49.0}$ mW/MHz or below
		MHz	5250.422	5250.022	----	----
	Limit	uW/MHz	189.221	475.302	----	----
		uW/MHz	0.339	11.181	PASS	$10^{1-49.0}$ mW/MHz or below
	5251 to 5270MHz	uW/MHz	0.339	11.181	PASS	$10^{1-49.0}$ mW/MHz or below
		MHz	5254.286	5251.014	----	----
	Limit	uW/MHz	36.359	49.932	----	----
		uW/MHz	0.295	1.818	PASS	$10^{1-49.0}$ mW/MHz or below
Out-Band Leakage Power (Tx1+2)	5100 to 5141.6MHz	uW/MHz	1.438	0.357	PASS	2.5uW/MHz or below
		MHz	5140.754	5140.268	----	----
	5141.6 to 5150MHz	uW/MHz	3.740	0.457	PASS	15uW/MHz or below
		MHz	5144.483	5148.246	----	----
	5250 to 5251MHz	uW/MHz	0.552	216.838	PASS	$10^{1-49.0}$ mW/MHz or below
		MHz	5250.511	5250.022	----	----
	Limit	uW/MHz	154.159	475.302	----	----
		uW/MHz	0.544	22.192	PASS	$10^{1-49.0}$ mW/MHz or below
	5251 to 5270MHz	uW/MHz	0.544	22.192	PASS	$10^{1-49.0}$ mW/MHz or below
		MHz	5254.286	5251.014	----	----
	Limit	uW/MHz	36.359	49.932	----	----
		uW/MHz	0.458	3.047	PASS	$10^{1-49.0}$ mW/MHz or below
Out-Band Leakage Power (Tx1+2)	5100 to 5141.6MHz	uW/MHz	1.438	0.357	PASS	2.5uW/MHz or below
		MHz	5140.754	5140.268	----	----
	5141.6 to 5150MHz	uW/MHz	3.740	0.457	PASS	15uW/MHz or below
		MHz	5144.483	5148.246	----	----
	5250 to 5251MHz	uW/MHz	0.552	216.838	PASS	$10^{1-49.0}$ mW/MHz or below
		MHz	5250.511	5250.022	----	----
	Limit	uW/MHz	154.159	475.302	----	----
		uW/MHz	0.544	22.192	PASS	$10^{1-49.0}$ mW/MHz or below
	5251 to 5270MHz	uW/MHz	0.544	22.192	PASS	$10^{1-49.0}$ mW/MHz or below
		MHz	5254.286	5251.014	----	----
	Limit	uW/MHz	36.359	49.932	----	----
		uW/MHz	0.458	3.047	PASS	$10^{1-49.0}$ mW/MHz or below

Measurement Channel		Ch.	38	46		
Measurement Frequency		MHz	5190	5230	Result	Limit
Secondary Emitted Radio Wave Strength (Rx1)	30MHz to 1000MHz	nW	0.032	0.032	PASS	4nW or below
		MHz	888.080	891.950	----	----
	1GHz to 10GHz	nW	1.112	1.030	PASS	20nW or below
		MHz	6983.500	6929.600	----	----
	10GHz to 26GHz	nW	2.123	2.070	PASS	20nW or below
		MHz	21900.000	18208.000	----	----
Secondary Emitted Radio Wave Strength (Rx2)	30MHz to 1000MHz	nW	0.035	0.039	PASS	4nW or below
		MHz	885.170	886.140	----	----
	1GHz to 10GHz	nW	1.175	0.966	PASS	20nW or below
		MHz	6704.800	6974.500	----	----
	10GHz to 26GHz	nW	2.213	2.472	PASS	20nW or below
		MHz	18208.000	18208.000	----	----
Secondary Emitted Radio Wave Strength (Rx1+2)	30MHz to 1000MHz	nW	0.066	0.071	PASS	4nW or below
		----	----	----	----	----
	1GHz to 10GHz	nW	2.287	1.996	PASS	20nW or below
		----	----	----	----	----
	10GHz to 26GHz	nW	4.336	4.542	PASS	20nW or below
		----	----	----	----	----
Burst Length of Transmitted Signals			Good	Good	PASS	4ms or below
Carrier Sensing Function			PASS	PASS	PASS	100mV/m
Interference Prevention Function			Good		PASS	

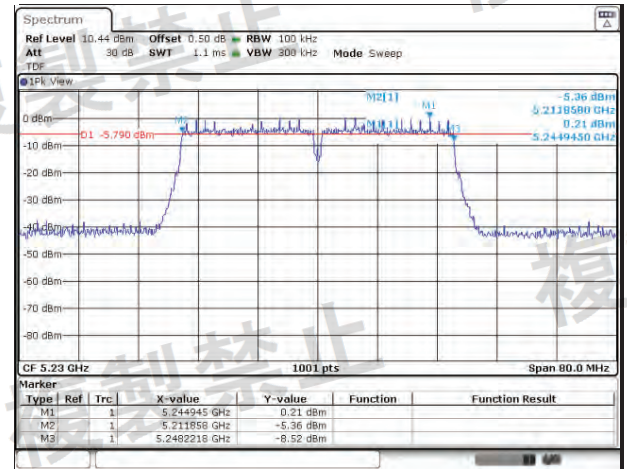
7. Test chart

7.1 Frequency tolerance (Rated voltage)

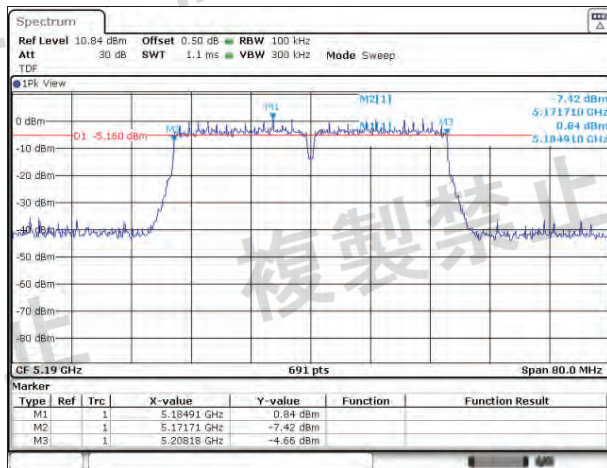
Tx1
Ch.38: 5190MHz



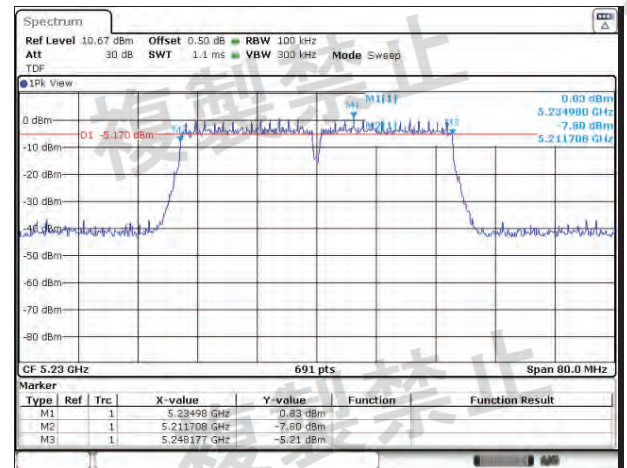
Ch.46: 5230MHz



Tx2
Ch.38: 5190MHz



Ch.46: 5230MHz



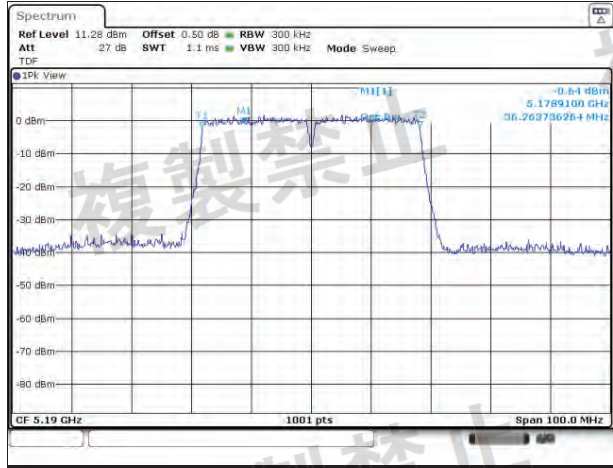
7. Test chart

7.2 Occupied bandwidth / Spread bandwidth (Rated voltage)

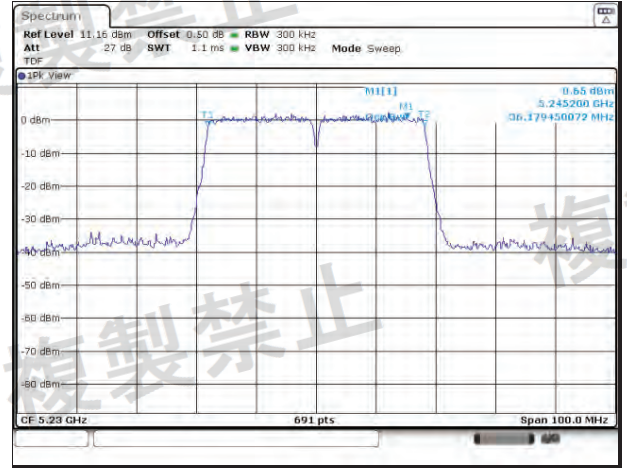
Occupied bandwidth

Tx1

Ch.38: 5190MHz

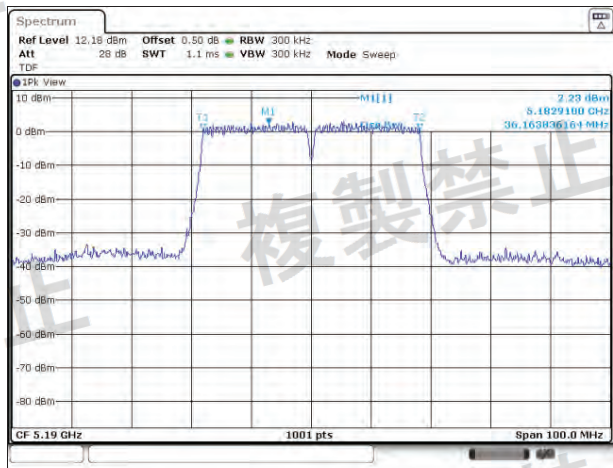


Ch.46: 5230MHz

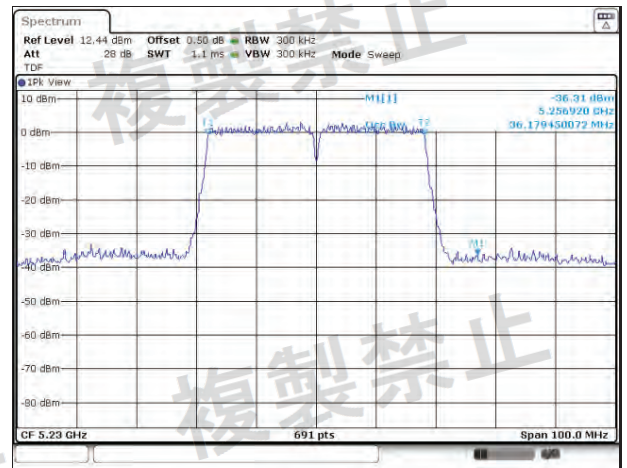


Tx2

Ch.38: 5190MHz



Ch.46: 5230MHz

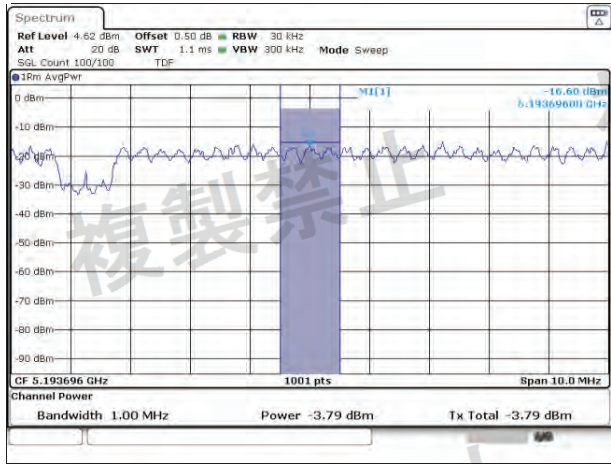


7. Test chart

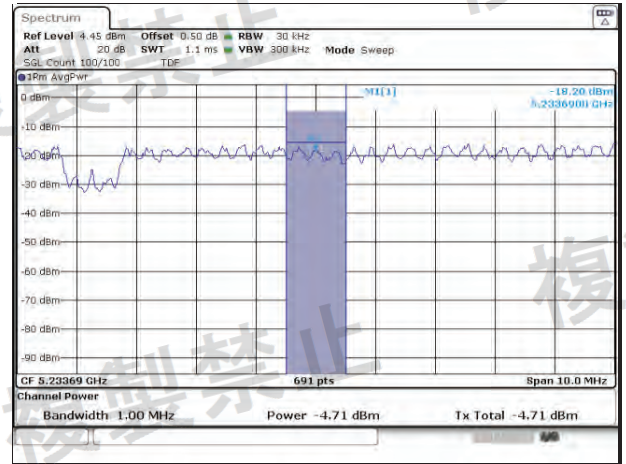
7.4 RF output power tolerance (Rated voltage)

IX1

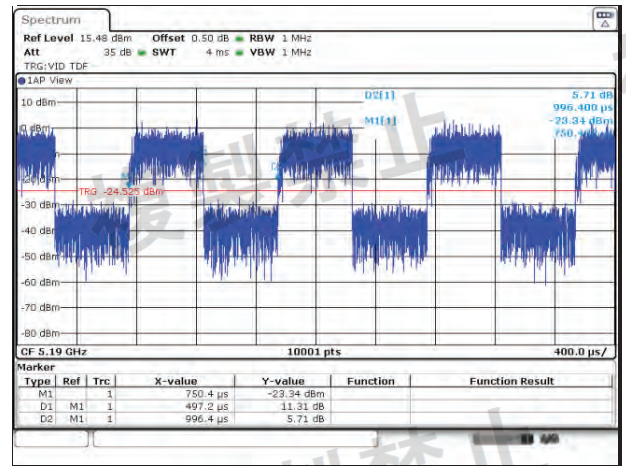
Ch.38: 5190MHz



Ch.46: 5230MHz

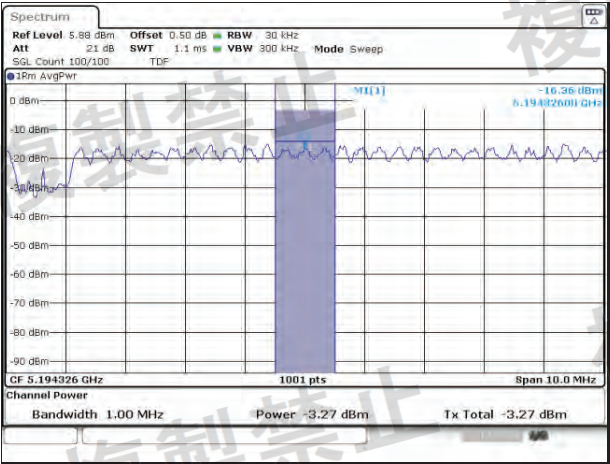


ON/OFF time

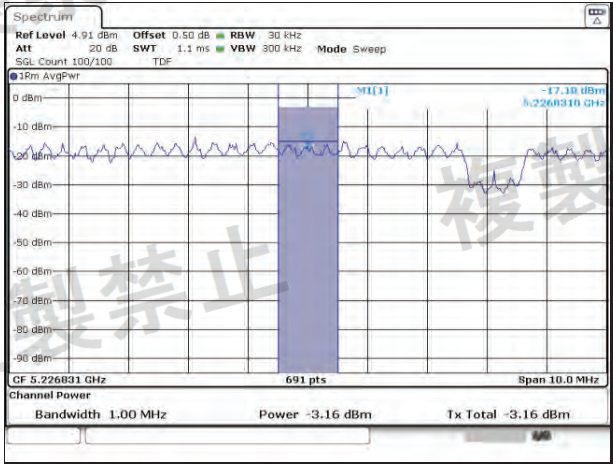


1x2

Ch.38: 5190MHz



Ch.46: 5230MHz



ON/OFF time

