

Test result and instruments about Type certificate

WiFi 2.4G 11g/n

1. General

Model name	UCA04A	Date	22 December 2020
Serial number	-	Place	SGS Hong Kong Ltd.
Class of emissions, Assigned frequency and Antenna power	G1D,D1D 2412-2472MHz(5MHz step 13ch) 0.01W/MHz	Remarks	WiFi 11g 6Mbps

2. Measuring Instruments

Equipment type	Model number	Serial number	Manufacturer	Calibrated Date	Calibration Authority	Remarks
Signal Analyzer	FSV40	101418	ROHDE & SCHWARZ	2020/8/31	CEPREI (c)	

3. Test Result

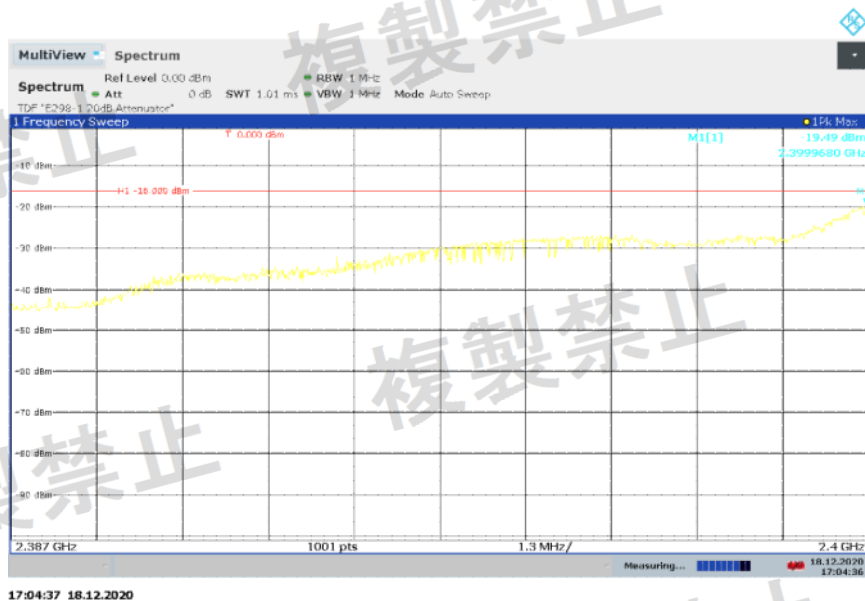
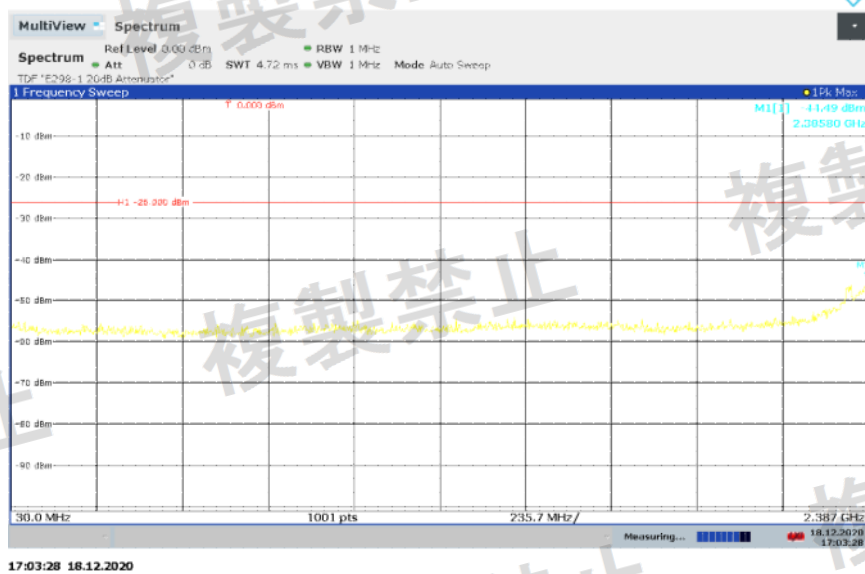
07. Test Result															
Condition	Test Items *3	Unit	Normal Voltage + 10% (5.5VDC)			Normal Voltage (5VDC)			Normal Voltage - 10% (4.5VDC)			Judgment	Limit	Remarks	
			2412	2442	2472	2412	2442	2472	2412	2442	2472				
Normal (23.1°C, 52.2%)	Frequency	MHz	2411.88800	2441.98110	2471.97600	2411.91130	2441.96100	2471.88570	2412.01200	2441.99700	2471.90100	Pass			
		ppm	-46.43449	-7.73956	-9.70874	-36.77446	-15.97052	-46.23786	4.97512	-1.22850	-40.04854	Pass	50ppm		
	Occupied Bandwidth	MHz	16.84596	16.26028	16.81560	16.92639	16.91113	16.96645	16.83086	16.96334	16.51866	Pass	38MHz		
	Spurious	30MHz-2387MHz	dBm	-43.74300	-46.96300	-46.32300	-44.49000	-47.71000	-47.07000	-42.25400	-45.47400	-44.83400	Pass	-26dBm	
			MHz	2386.48100	2358.28100	2384.18100	2385.80000	2357.60000	2383.50000	2387.13300	2358.93300	2384.83300			
		2387MHz-2400MHz	dBm	-18.74300	-45.27300	-43.94300	-19.49000	-46.02000	-44.69000	-17.25400	-43.78400	-42.45400	Pass	-16dBm	
			MHz	2399.64900	2398.37600	2398.07700	2399.96800	2399.69500	2387.39600	2399.30100	2399.02800	2398.72900			
		2483.5MHz-2496.5MHz	dBm	-45.03300	-46.17500	-16.61900	-45.78000	-47.58000	-17.65000	-43.54400	-45.09100	-15.83200	Pass	-16dBm	
			MHz	2494.72000	2485.25300	2483.85000	2494.55800	2485.09100	2483.50600	2494.90500	2485.43800	2484.16300			
		2496.5MHz-12.5GHz	dBm	-44.00800	-48.17800	-46.12800	-44.17000	-48.34000	-46.29000	-43.82300	-47.99300	-45.94300	Pass	-26dBm	
			MHz	4820.90500	4890.53100	2502.24700	4819.50000	4889.50000	2501.50000	4821.98900	4891.31800	3196.73600			
	Antenna Power	W/MHz	0.00713	0.00655	0.00537	0.00711	0.00753	0.00649	0.00723	0.00634	0.00662	Pass	0.01W/MHz		
		%	-28.71470	-34.53640	-46.29683	-28.87865	-24.66450	-35.13660	-27.72302	-36.61303	-33.77835		+20 ~ -80%		
	Secondary Radiated Emissions	30MHz-1GHz	dBm	-58.84800	-61.15800	-57.86800	-59.01000	-61.32000	-58.03000	-58.66300	-60.97300	-57.68300	Pass	-54dBm	
			MHz	962.02500	878.79200	976.33900	961.28900	876.91200	973.10500	964.65300	881.32400	978.46600			
		1GHz-12.5GHz	dBm	-58.74800	-57.06800	-55.26800	-58.91000	-57.23000	-55.43000	-58.56300	-56.88300	-55.08300	Pass	-47dBm	
			MHz	1272.08400	1388.17000	3482.10000	1271.34800	1386.29000	3482.10000	1274.71200	1390.70200	3482.10000			
	Interference Prevention Function			Pass			Pass			Pass			Pass		

*1 Please describe the relevant clause in the remarks column. (Either of (a) ~ (d) of 2 paragraph 4 of Article 24 of the Radio Law)

*2 Please describe test frequencies (Low, Middle, High).

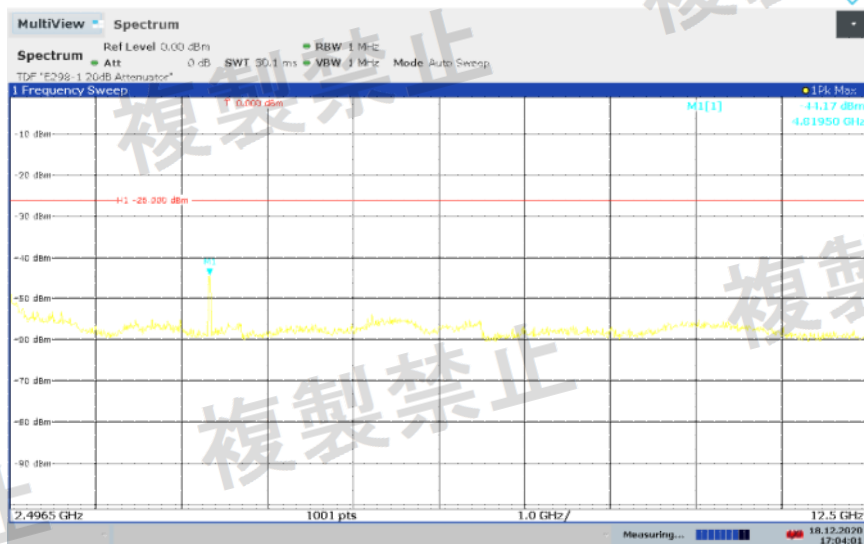
11g

2412MHz



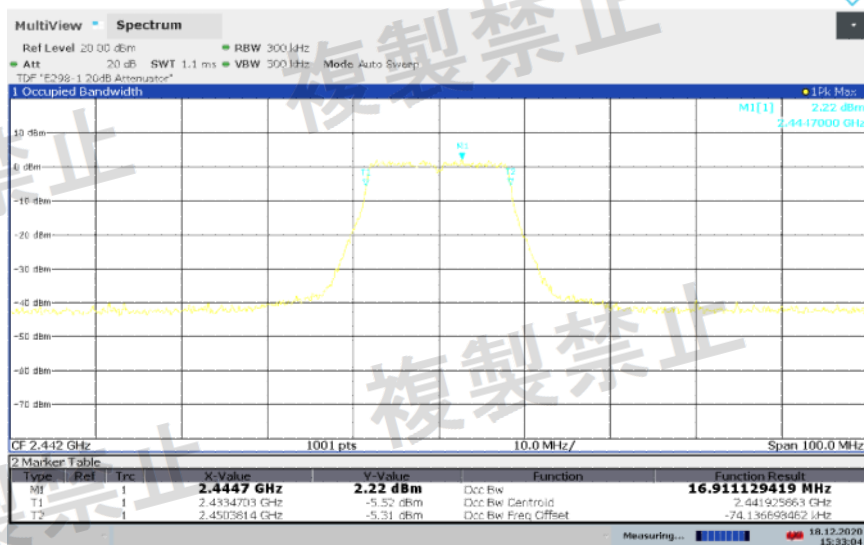


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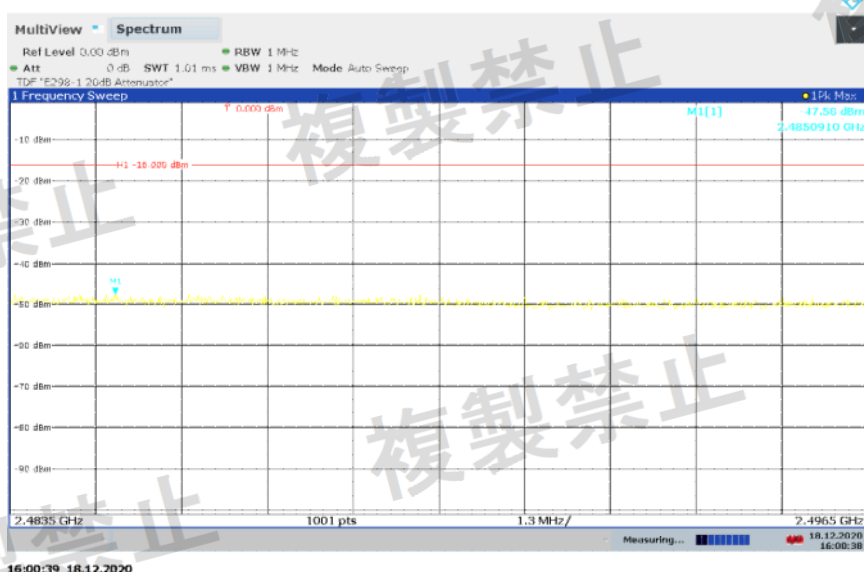
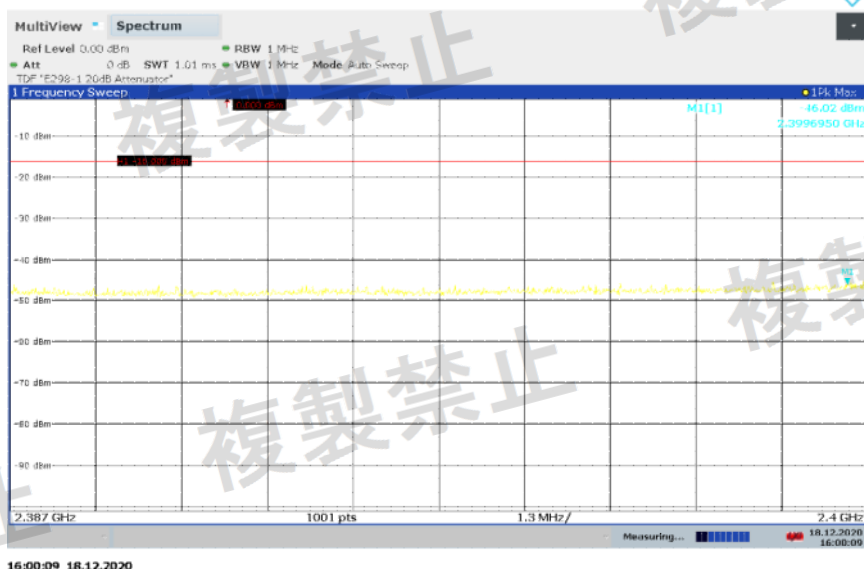
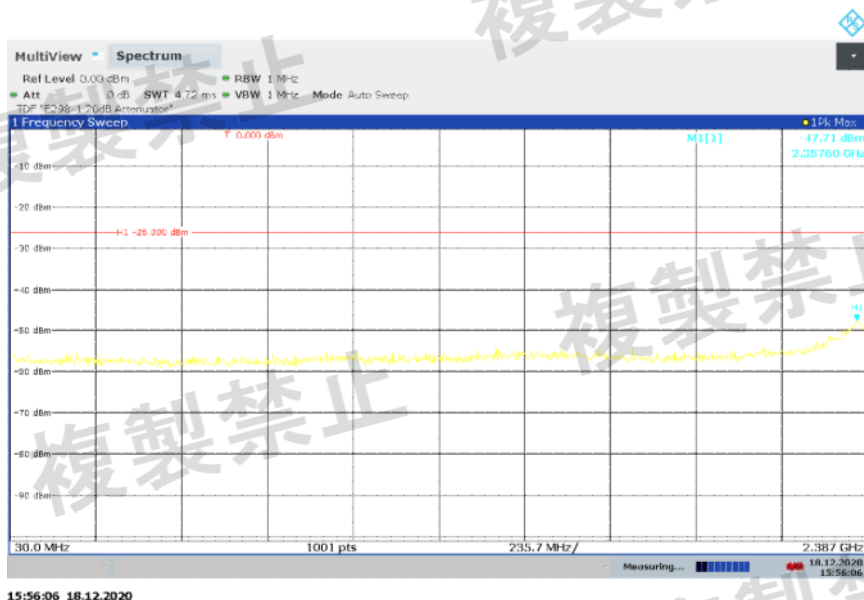


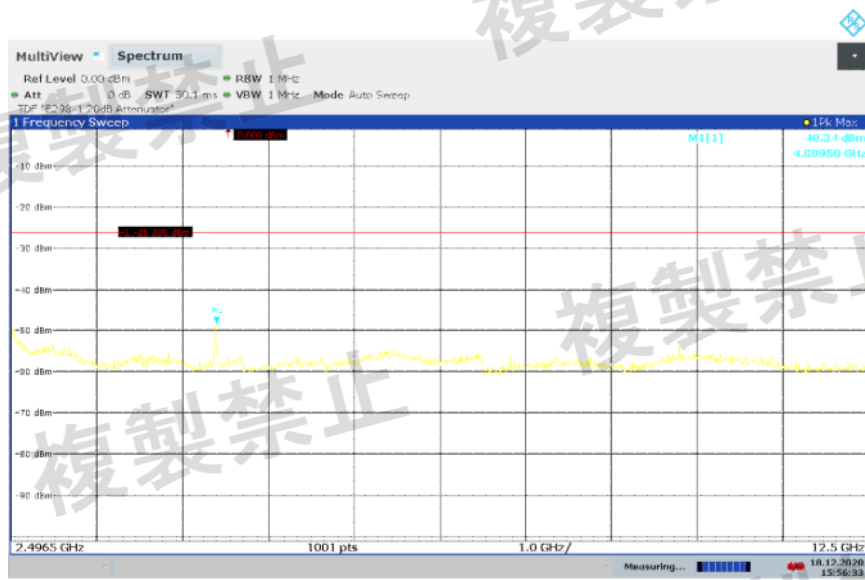
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2442MHz



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2472MHz

