

Test result and instruments about Type certificate

1. General

Model name	A1	Date	4 July 2022
Serial number	A1	Place	SGS Hong Kong Limit
Class of emissions, Assigned frequency and Antenna power	F1D 2402-2480MHz (2MHz Separation 40ch) 0.0007W	Remarks	

2. Measuring Instruments

Equipment type	Model number	Serial number	Manufacturer	Calibrated Date	Calibration Authority	Remarks
FSV40 SIGNAL ANALYZER 40GH	FSV40	101418	ROHDE & SCHWARZ	8/17/2021	CEPREI (C)	

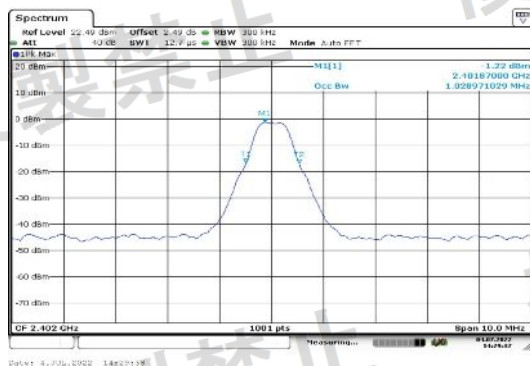
3. Test Result

1. Test Result															
Condition	Test Items *3	Unit	High Voltage + 10% (13.2 V)			Normal Voltage (12.0 V)			Low Voltage - 10% (10.8 V)			Judgment	Limit	Remarks	
			2402	2440	2480	2402	2440	2480	2402	2440	2480				
Normal (21.5 °C, 52.8 %)	Frequency	MHz	2402.073	2440.074	2480.074	2402.073	2440.074	2480.074	2402.076	2440.074	2480.074	Pass	50ppm		
		ppm	30.350	30.287	29.798	30.350	30.287	29.798	31.599	30.287	29.798				
	Occupied Bandwidth	MHz	1.029	1.039	1.059	1.059	1.079	1.089	1.029	1.039	1.059	Pass	26MHz		
	Spurious	30MHz-2387MHz	dBm	-36.460	-36.120	-36.350	-35.060	-36.960	-35.170	-36.620	-36.550	-36.860	Pass	-26dBm	
			MHz	1040.920	1091.360	1060.720	1018.760	1837.580	997.550	299.880	1023.480	1489.690			
		2387MHz-2400MHz	dBm	-35.660	-36.610	-36.610	-35.660	-36.310	-36.680	-36.070	-35.410	-36.380	Pass	-16dBm	
			MHz	2397.466	2393.538	2393.538	2399.999	2395.041	2395.997	2397.633	2395.678	2392.599			
		2483.5MHz-2496.5MHz	dBm	-36.240	-36.660	-36.490	-36.570	-36.190	-36.510	-36.070	-35.970	-36.680	Pass	-16dBm	
			MHz	2495.407	2489.476	2484.710	2490.235	2494.603	2487.633	2494.102	2489.357	2489.994			
		2496.5MHz-12.5GHz	dBm	-32.470	-32.590	-31.350	-32.020	-31.670	-32.960	-31.300	-31.790	-32.020	Pass	-26dBm	
			MHz	6915.000	6795.000	6871.000	6709.000	6909.000	6855.000	6869.000	6903.000	6921.000			
	Antenna Power		W	0.000789	0.000702	0.000658	0.000791	0.000706	0.000652	0.000791	0.000702	0.000656	Pass	0.0007W +20 ~ -80%	
			%	12.707	0.257	-5.957	12.943	0.914	-6.829	12.943	0.286	-6.229			
	Secondary Radiated Emissions	30MHz-1GHz	dBm	-62.810	-63.870	-62.090	-60.180	-60.460	-60.470	-62.970	-62.600	-62.780	Pass	-54dBm	
			MHz	119.530	122.640	897.860	112.350	517.230	171.330	171.330	131.560	175.790			
		1GHz-12.5GHz	dBm	-62.010	-62.060	-62.170	-61.950	-62.480	-60.720	-60.070	-61.970	-59.190	Pass	-47dBm	
			MHz	2450.200	6988.100	6219.900	6882.300	6944.400	5217.100	2452.500	6889.200	2452.500			
	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)

OBW

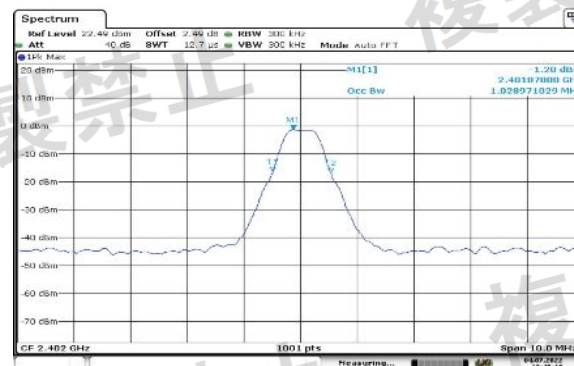
High voltage



Normal voltage

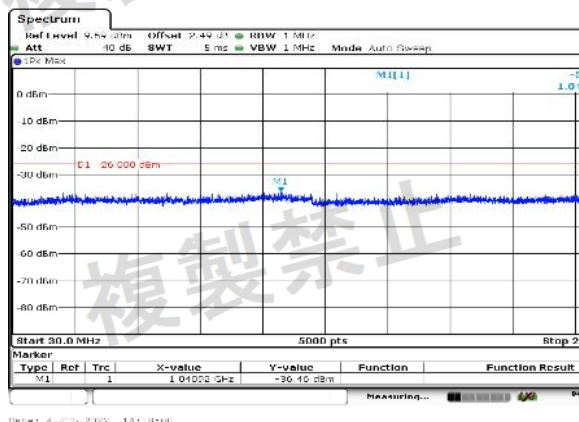


Low voltage

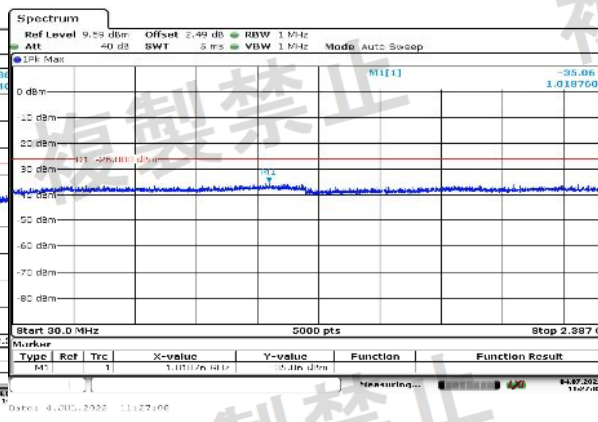


Spurious

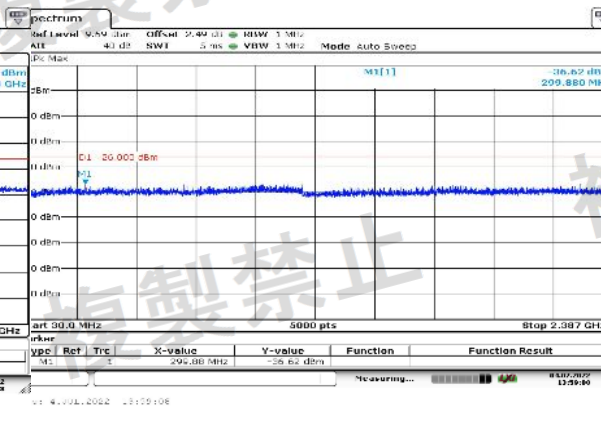
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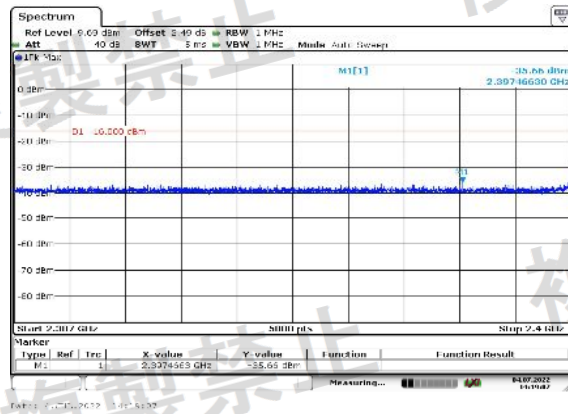
Normal voltage



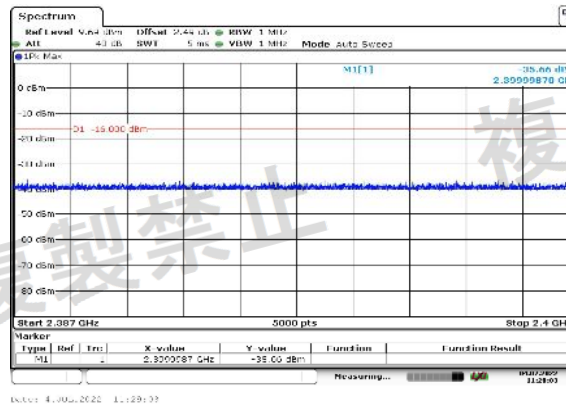
Low voltage



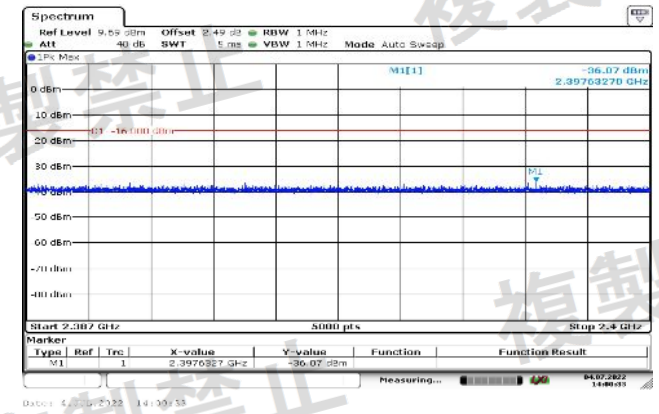
High voltage



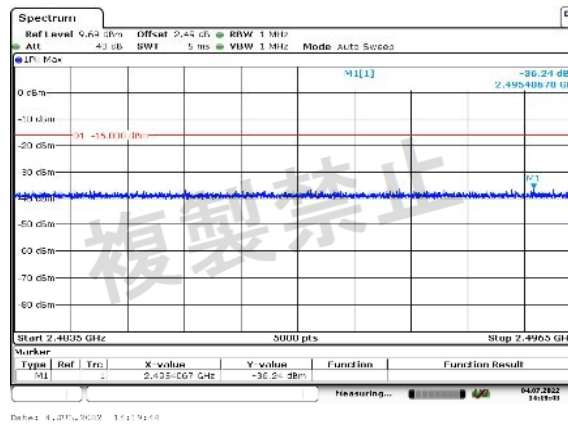
Normal voltage



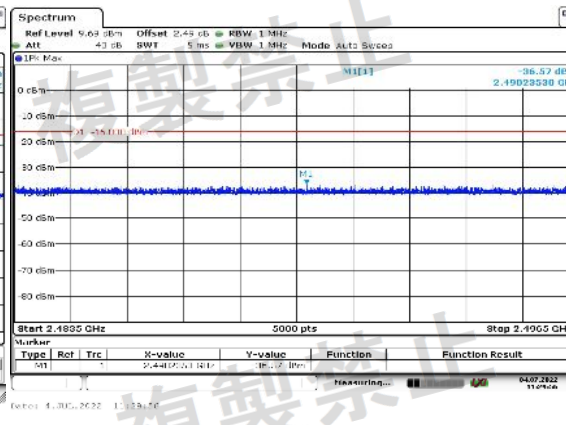
Low voltage



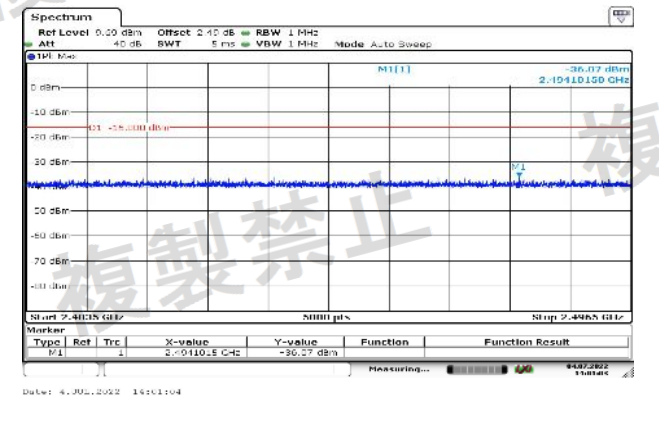
High voltage



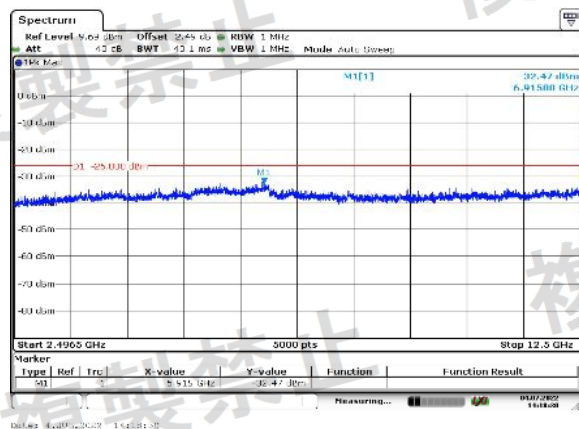
Normal voltage



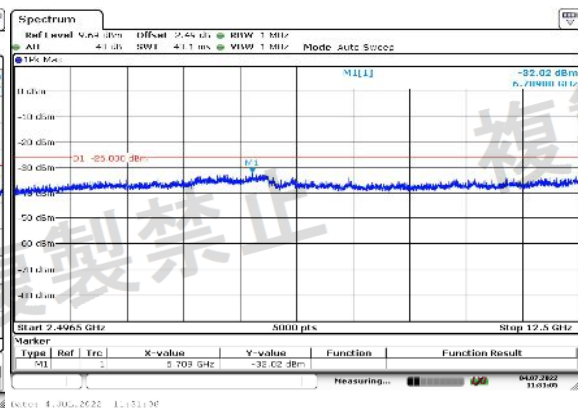
Low voltage



High voltage



Normal voltage



Low voltage

