

## Test result and instruments about Type certificate

### 1. General

Model name	82172	Date	13 January 2021
Serial number		Place	SGS Hong Kong Limit
Class of emissions, Assigned frequency and Antenna power	F1D 2411-2469 MHz (2411,2413,2415,2417,2435,2437,2439,2441,2463,2465,2467,2469MHz, 12ch) 0.0003W	Remarks	

### 2. Measuring Instruments

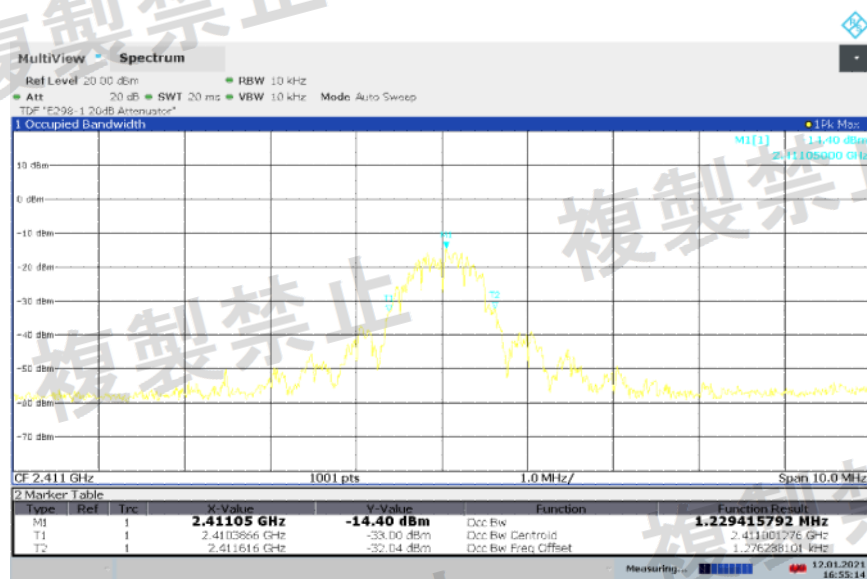
Equipment type	Model number	Serial number	Manufacturer	Calibrated Date	Calibration Authority	Remarks
Signal Analyzer	FSV40	101418	ROHDE & SCHWARZ	2020/8/31	CEPREI (c)	

### 3. Test Result

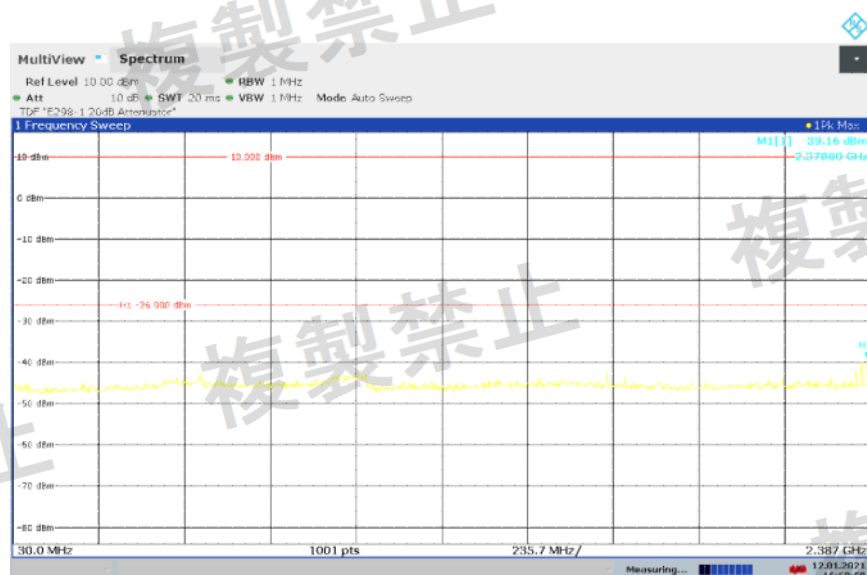
Condition	Test Items *3		Unit	Normal Voltage + 10% ( 3.3 V)			Normal Voltage ( 3 V)			Normal Voltage - 10% ( 2.7 V)			Judgment	Limit	Remarks
				2411	2437	2469	2411	2437	2469	2411	2437	2469			
Normal ( 20.7 °C, 49.9 %)	Frequency		MHz	2411.038	2437.021	2469.090	2411.054	2437.051	2469.076	2411.102	2437.037	2469.088	Pass	50ppm	
			ppm	15.678	8.617	36.452	22.356	20.927	30.741	42.306	15.183	35.642			
	Occupied Bandwidth		MHz	1.301	1.256	1.241	1.229	1.234	1.275	1.356	1.547	1.589	Pass	26MHz	
	Spurious	30MHz-2387MHz	dBm	-37.661	-39.951	-40.891	-39.160	-41.450	-42.390	-37.782	-40.072	-41.012	Pass	-26dBm	
			MHz	2379.468	2372.368	971.368	2378.800	2371.700	970.700	2379.459	2372.359	971.359			
		2387MHz-2400MHz	dBm	-37.831	-41.731	-44.530	-39.330	-43.230	-43.310	-37.952	-41.852	-54.302	Pass	-16dBm	
			MHz	2389.908	2399.651	2390.442	2389.240	2399.984	2388.552	2389.899	2400.643	2489.282			
		2483.5MHz-2496.5MHz	dBm	-54.181	-52.625	-55.294	-55.680	-53.780	-56.780	-54.302	-52.833	-55.505	Pass	-16dBm	
			MHz	2488.794	2485.871	2494.137	2488.623	2485.700	2493.800	2488.749	2485.826	2494.113			
		2496.5MHz-12.5GHz	dBm	-50.239	-49.989	-49.899	-50.410	-50.160	-50.070	-50.284	-50.034	-49.944	Pass	-26dBm	
			MHz	2952.655	2992.986	2952.999	2951.500	2991.500	2951.500	2952.447	2992.775	2952.878			
	Antenna Power		W	0.000330	0.000352	0.000300	0.000322	0.000349	0.000293	0.000316	0.000333	0.000281	Pass	0.01W +20 ~ -80%	
			%	10.120	17.457	-0.028	7.369	16.380	-2.304	5.167	10.886	-6.486			
	Secondary Radiated Emissions	30MHz-1GHz	dBm	-58.530	-58.570	-58.130	-58.770	-58.810	-58.370	-58.668	-58.708	-58.268	Pass	-54dBm	
			MHz	911.955	909.384	910.875	909.400	907.460	909.400	910.328	909.766	911.254			
		1GHz-12.5GHz	dBm	-61.730	-59.990	-61.580	-61.970	-60.230	-61.820	-61.868	-60.128	-61.718	Pass	-47dBm	
			MHz	4822.555	4821.924	4820.000	4820.000	4820.000	4820.000	4820.928	4822.306	4820.000			
	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)

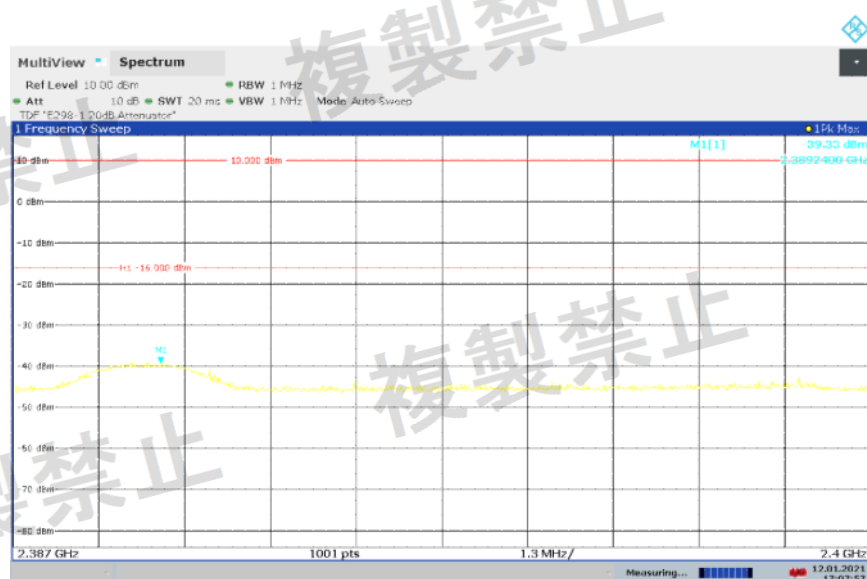
2411MHz



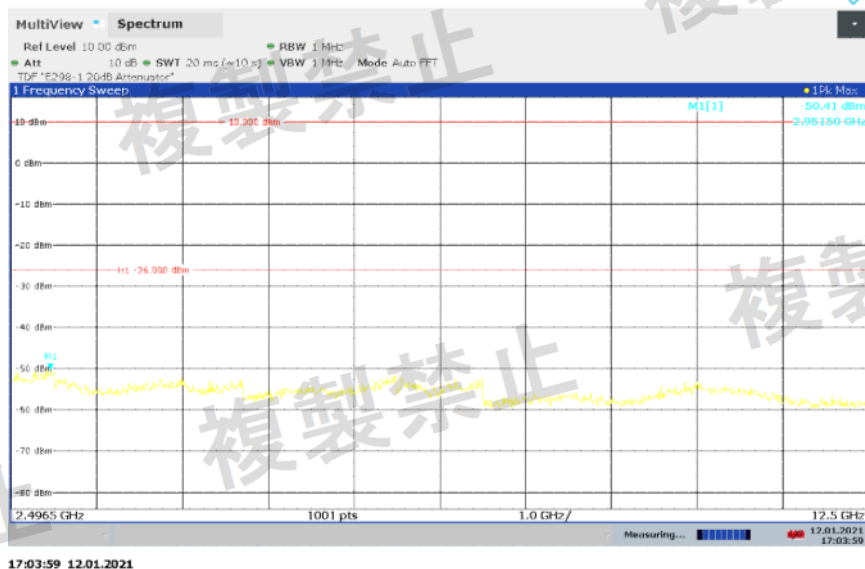
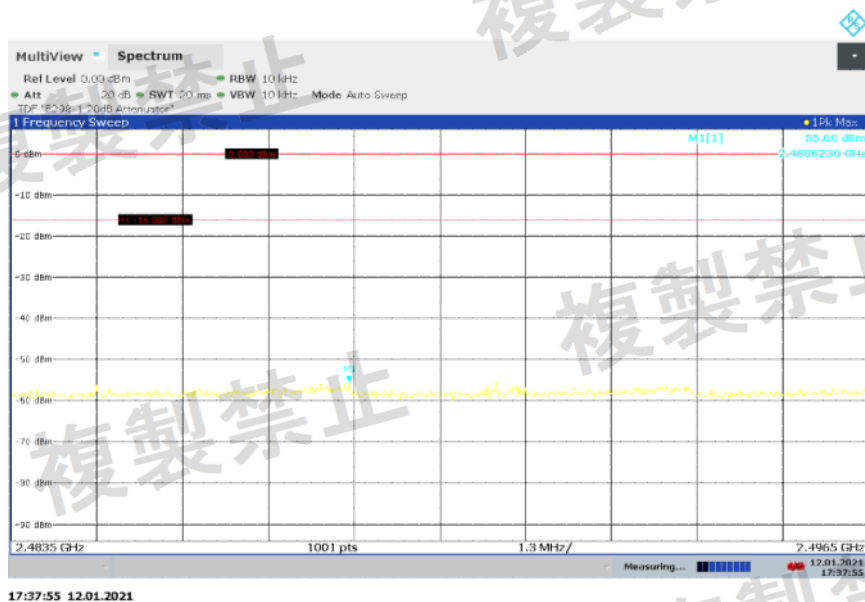
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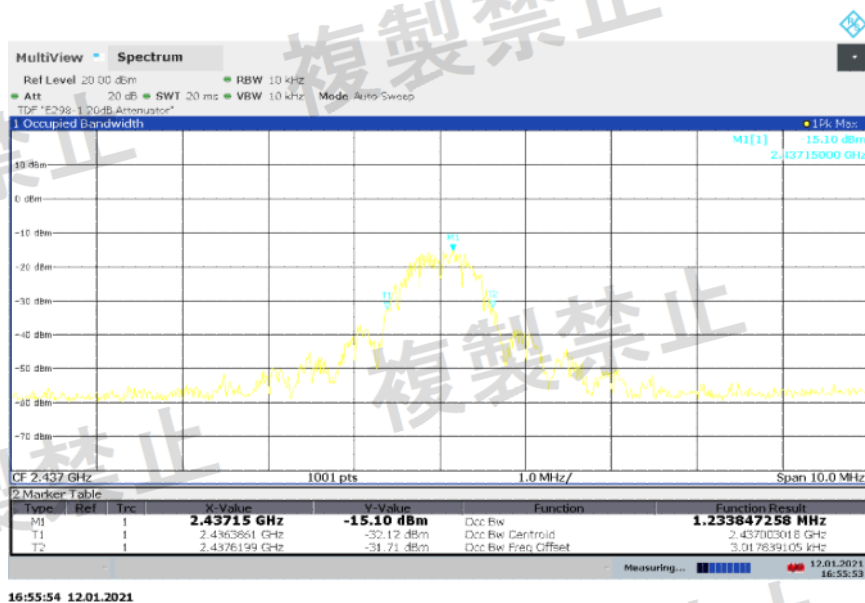
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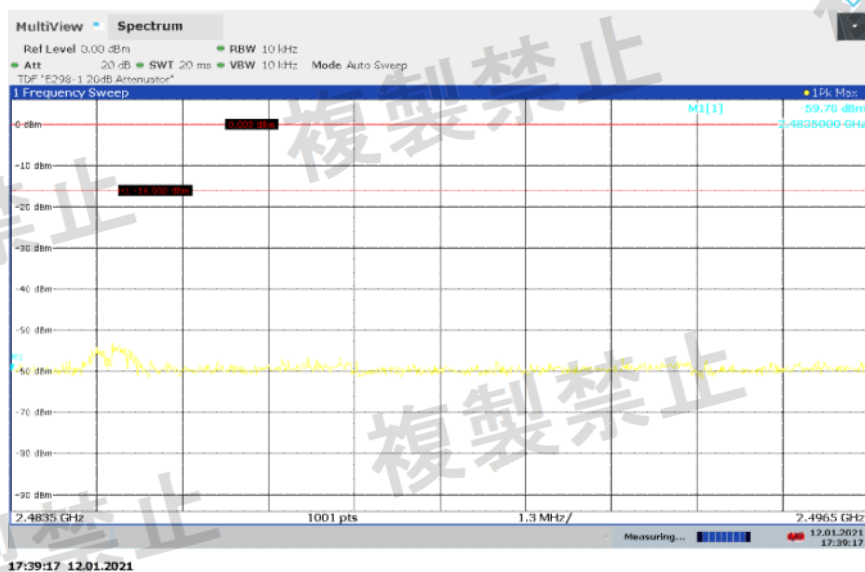
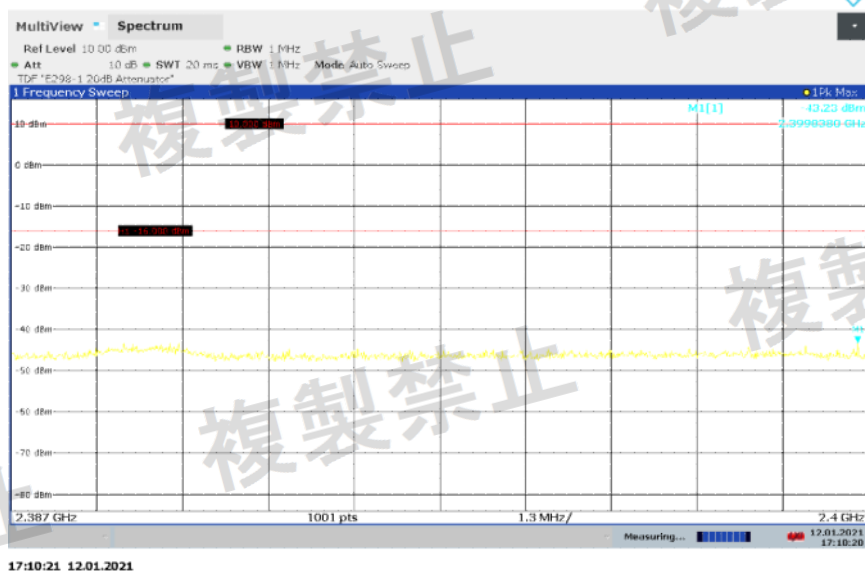
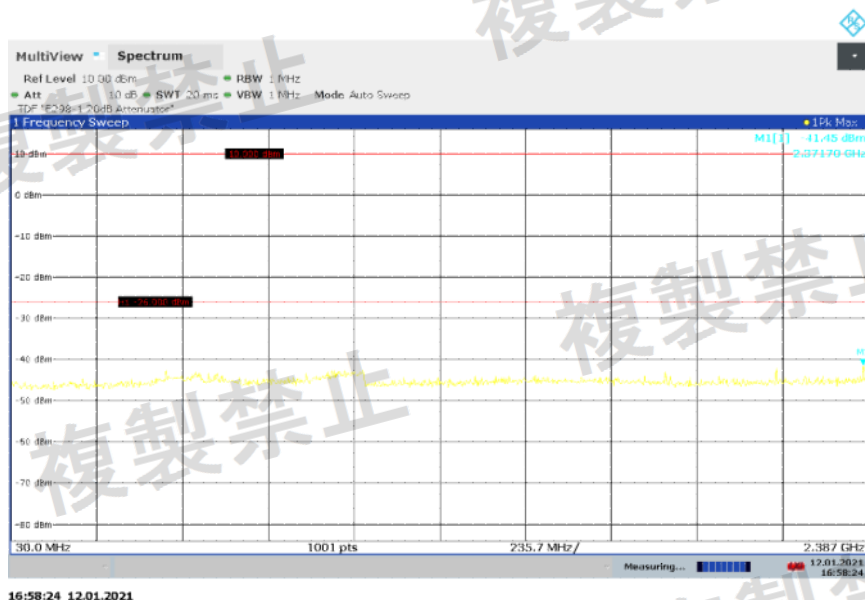


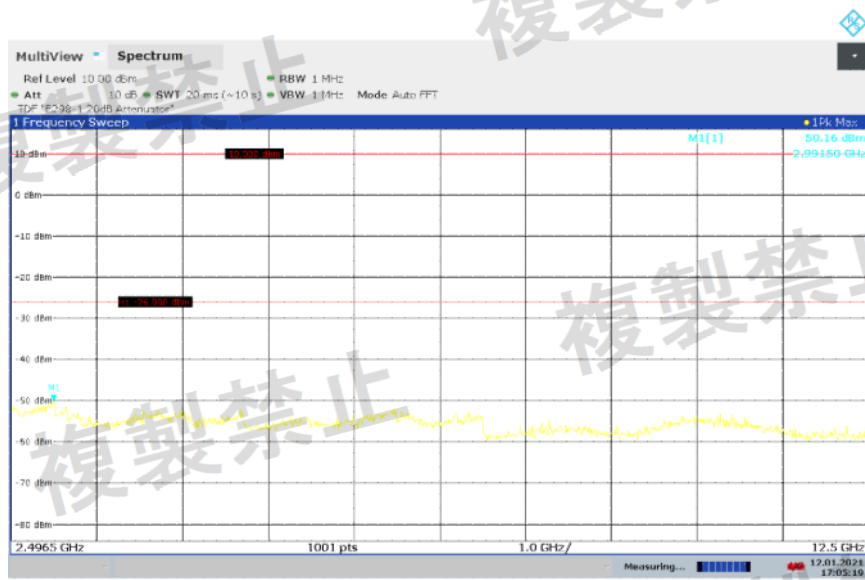
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2437MHz

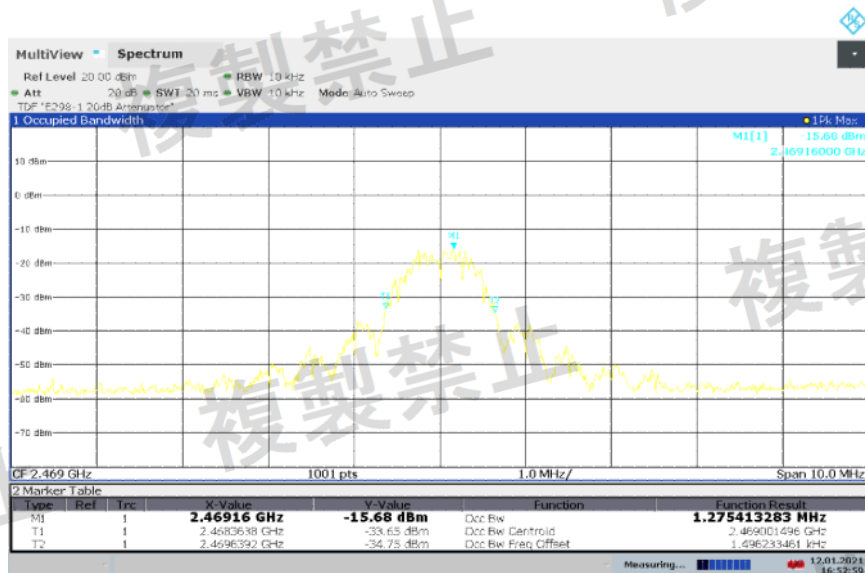




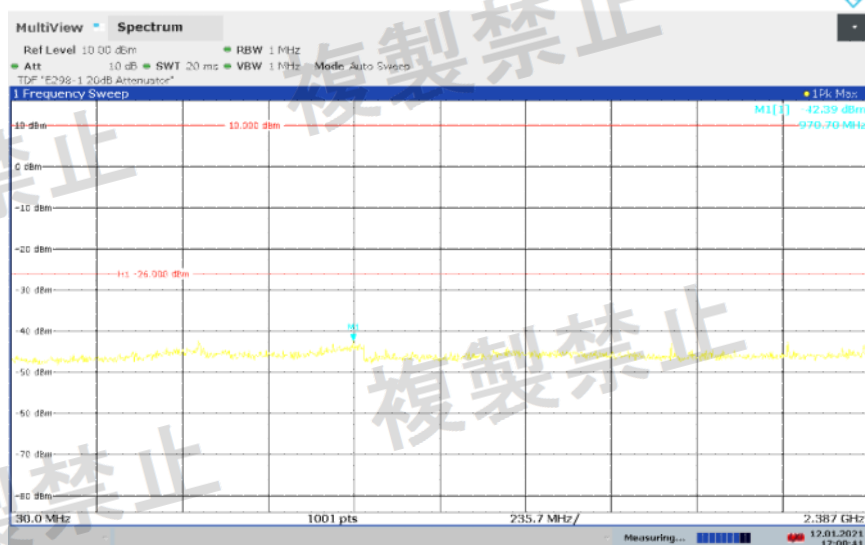


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2469MHz



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