

Worse case mode:		π /4DQPSK (2DH5)		Test channel:		Lowest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dB μ V)	(dB)	(dB μ V/m)	(dB μ V/m)	(dB)		H/V	(m)	(Degree)
2390	54.93	-9.2	45.73	74	-28.27	Peak	H	1.5	190
2400	56.30	-9.39	46.91	74	-27.09	Peak	H	1.5	191
4804	51.29	-4.33	46.96	74	-27.04	Peak	H	1.5	246
7206	50.76	1.01	51.77	74	-22.23	Peak	H	1.5	360
2390	55.59	-9.2	46.39	74	-27.61	Peak	V	1.5	85
2400	54.35	-9.39	44.96	74	-29.04	Peak	V	1.5	134
4804	52.87	-4.33	48.54	74	-25.46	Peak	V	1.5	109
7206	48.52	1.01	49.53	74	-24.47	Peak	V	1.5	356

Worse case mode:		π /4DQPSK (2DH5)		Test channel:		Middle			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dB μ V)	(dB)	(dB μ V/m)	(dB μ V/m)	(dB)		H/V	(m)	(Degree)
4882	52.08	-4.11	47.97	74	-26.03	peak	H	1.5	171
7323	49.58	1.51	51.09	74	-22.91	peak	H	1.5	279
4882	53.99	-4.11	49.88	74	-24.12	peak	V	1.5	311
7323	50.60	1.51	52.11	74	-21.89	peak	V	1.5	234

Worse case mode:		π /4DQPSK (2DH5)		Test channel:		Highest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dB μ V)	(dB)	(dB μ V/m)	(dB μ V/m)	(dB)		H/V	(m)	(Degree)
2483.5	54.46	-9.29	45.17	74	-28.83	Peak	H	1.5	37
4960	50.72	-4.04	46.68	74	-27.32	Peak	H	1.5	259
7440	49.46	1.57	51.03	74	-22.97	Peak	H	1.5	245
2483.5	54.72	-9.29	45.43	74	-28.57	Peak	V	1.5	319
4960	48.53	-4.04	44.49	74	-29.51	Peak	V	1.5	198
7440	50.46	1.57	52.03	74	-21.97	Peak	V	1.5	46

Remark:

- The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor
- Scan from 9kHz to 25GHz, the disturbance above 10GHz and below 30MHz was very low. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. So, only the peak measurements were shown in the report.

6 Photographs - EUT Test Setup

6.1 Radiated Emission

9KHz~30MHz:



30MHz~1GHz:



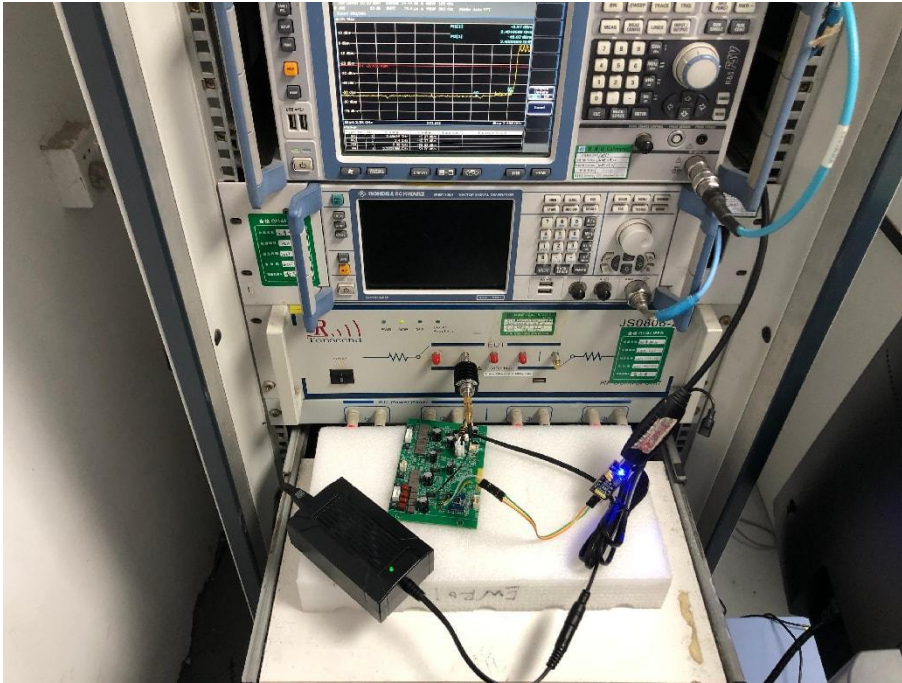
Above 1GHz:



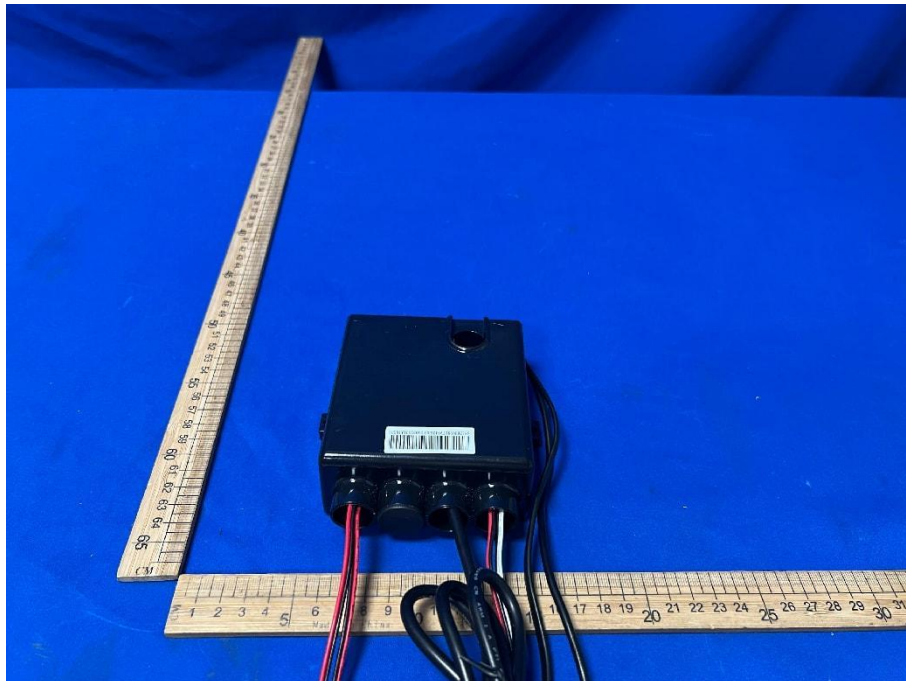
6.2 Conducted Emission



6.3 RF Conducted measurement

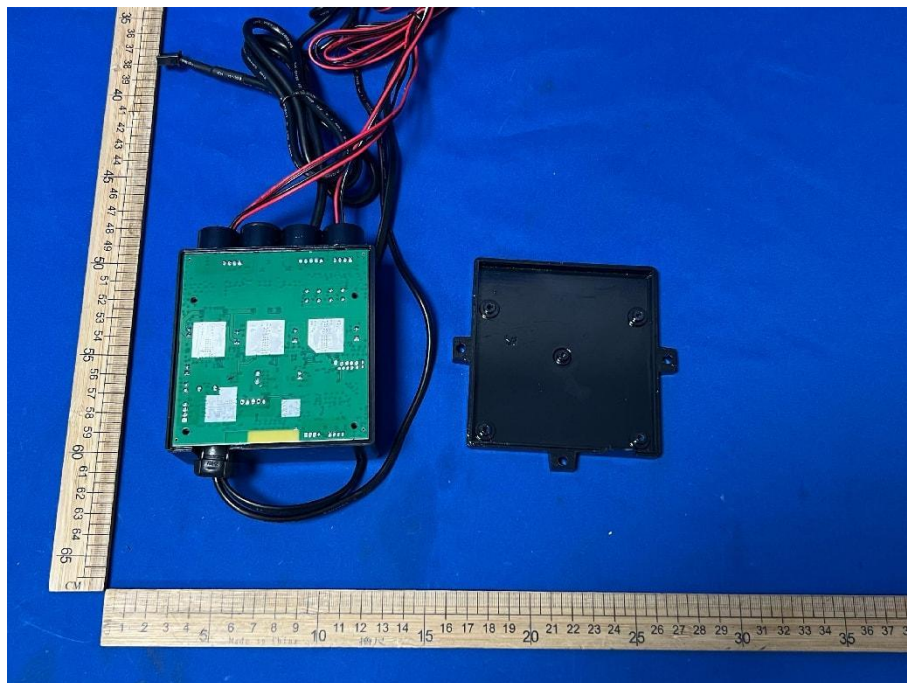
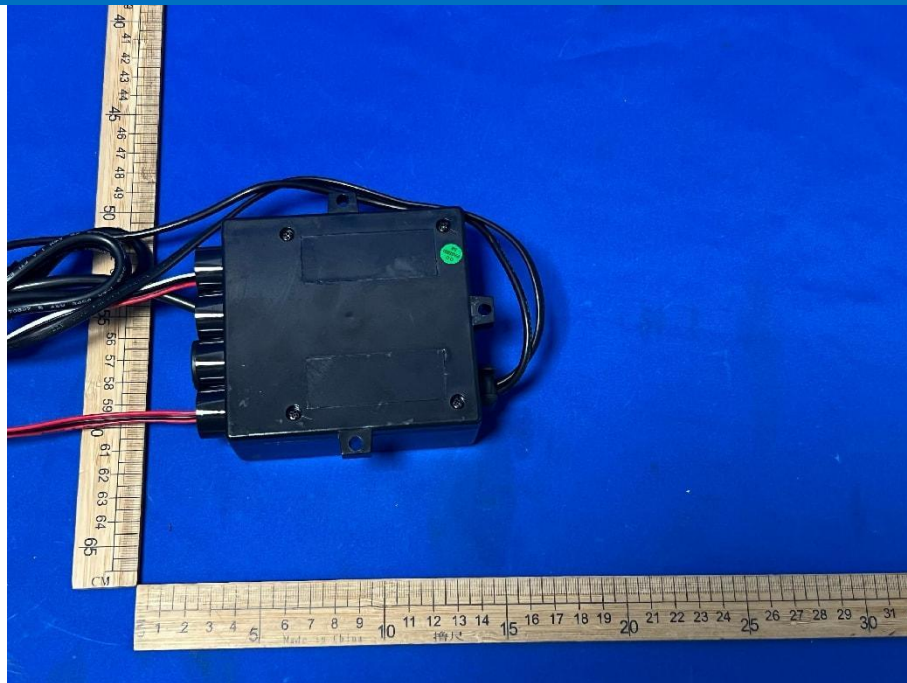


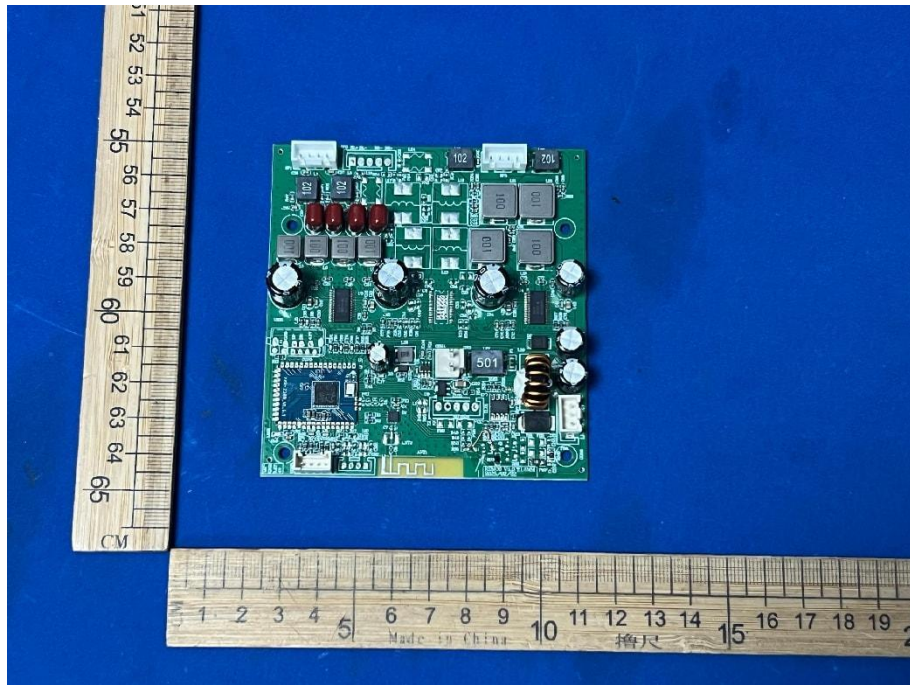
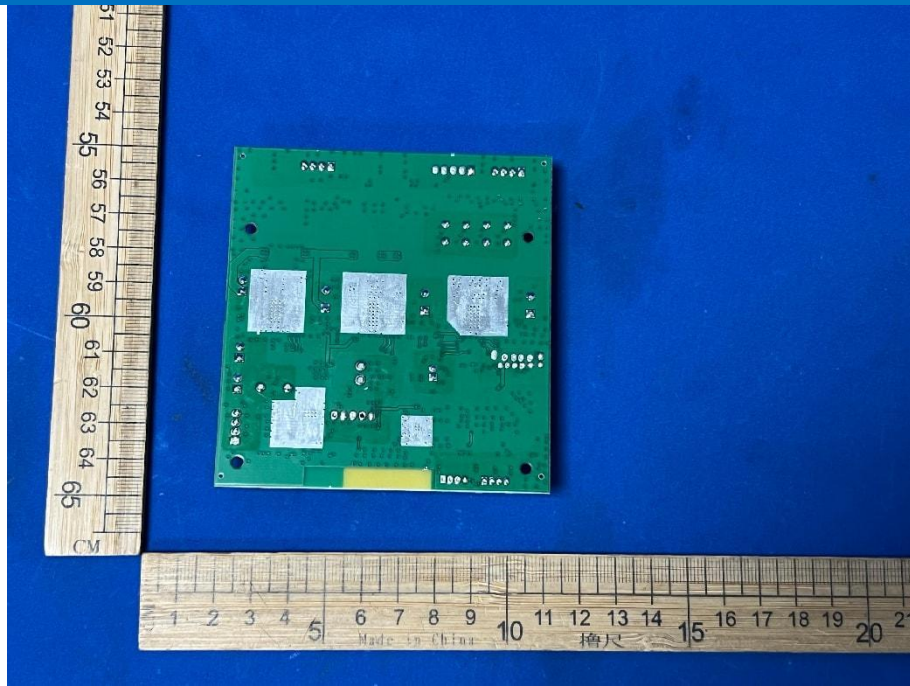
7 Photographs - EUT Constructional Details











*** END OF REPORT ***