

Test Instruments

Radiated Emission				
Name	Model No.	Manufacturer	Date of Cal.	Due Date
EMI Test Receiver	ESIB7	R&S	Jul. 08, 2021	Jul. 07, 2022
Spectrum Analyzer	FSQ40	R&S	Jul. 08, 2021	Jul. 07, 2022
Pre-amplifier	8447D	HP	Jul. 08, 2021	Jul. 07, 2022
Pre-amplifier	LNPA_0118G-45	SKET	Feb. 25, 2022	Feb. 24, 2023
Pre-amplifier	LNPA_1840G-50	SKET	Feb. 25, 2022	Feb. 24, 2023
Broadband Antenna	VULB9163	Schwarzbeck	Sep. 05, 2020	Sep. 04, 2022
Horn Antenna	BBHA 9120D	Schwarzbeck	Sep. 05, 2020	Sep. 04, 2022
Horn Antenna	BBHA 9170	Schwarzbeck	Apr. 11, 2021	Apr. 10, 2023
Coaxial cable	RC_DC18G-N	SKET	Feb. 25, 2022	Feb. 24, 2023
Coaxial cable	RC-DC18G-N	SKET	Feb. 25, 2022	Feb. 24, 2023
Coaxial cable	RC-DC40G-N	SKET	Jul. 08, 2021	Jul. 07, 2022
Loop antenna	ZN30900A	ZHINAN	Sep. 06, 2020	Sep. 05, 2022
Signal Generator	N5182A	Agilent	Jul. 19, 2021	Jul. 18, 2022

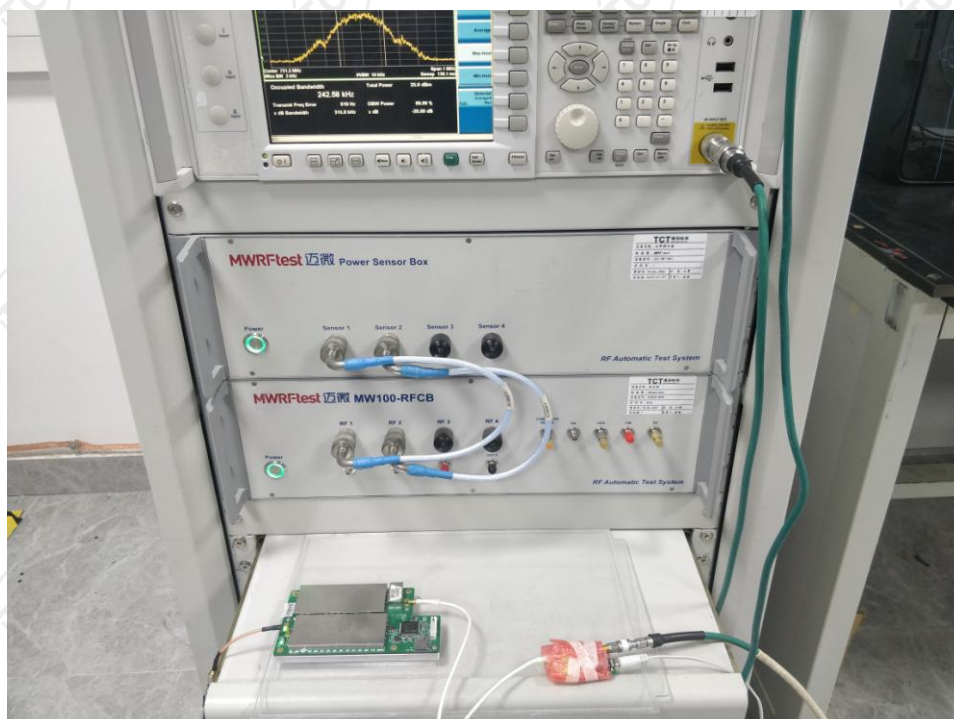
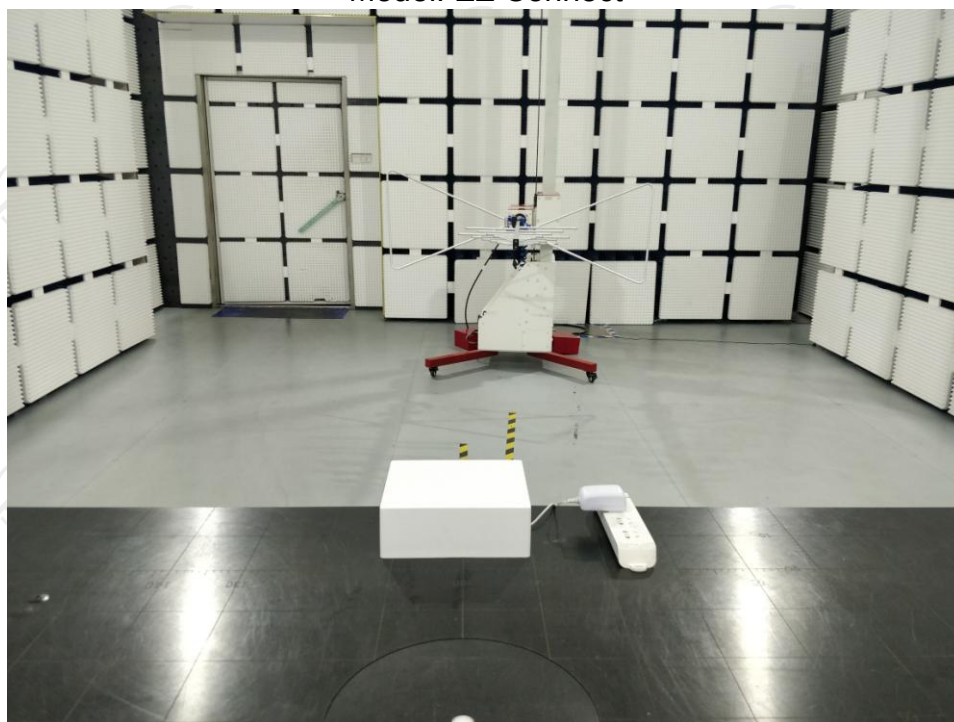
Test data

Frequency [MHz]	Antenna polarity [H/V]	Reading Level	Substitution factor	Measurement Level [dBm]	Limit [dBm]	Margin [dB]
Upper700MHz Uplink						
382.12	H	-44.64	-8.15	-52.79	-13.00	-39.79
382.12	V	-59.17	5.83	-53.34		-40.34
1564.00	H	-44.86	-0.76	-45.62		-32.62
1564.00	V	-47.77	2.76	-45.01		-32.01
Upper700MHz Downlink						
388.26	H	-44.80	-6.82	-51.62	-13.00	-38.62
388.26	V	-48.98	5.68	-43.30		-30.30
1502.00	H	-47.24	-0.72	-47.96		-34.96
1502.00	V	-49.06	1.20	-47.86		-34.86

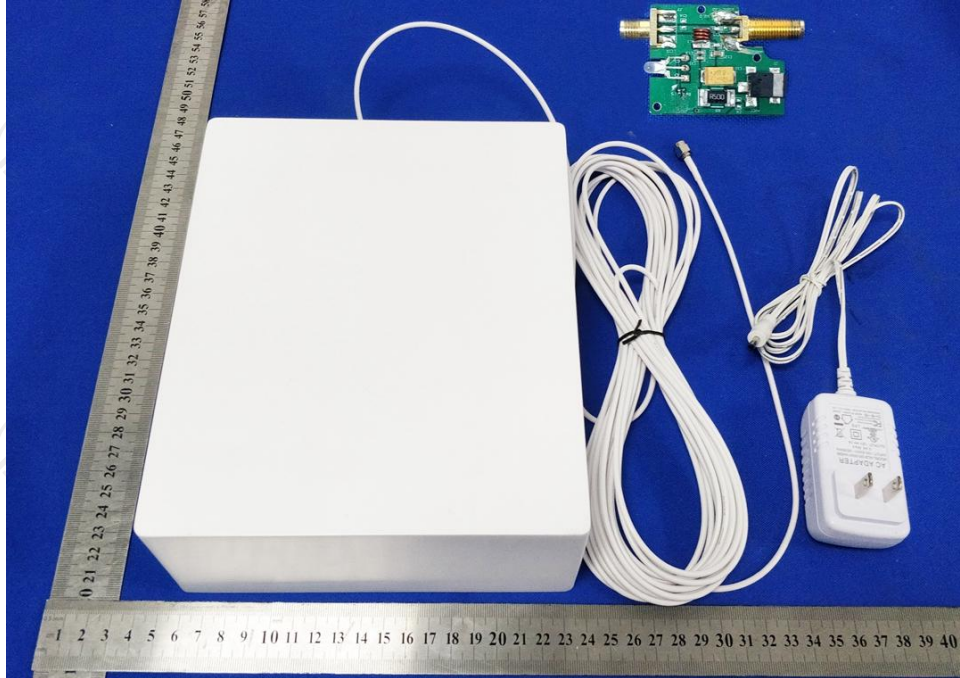
Appendix A: Photographs of Test Setup

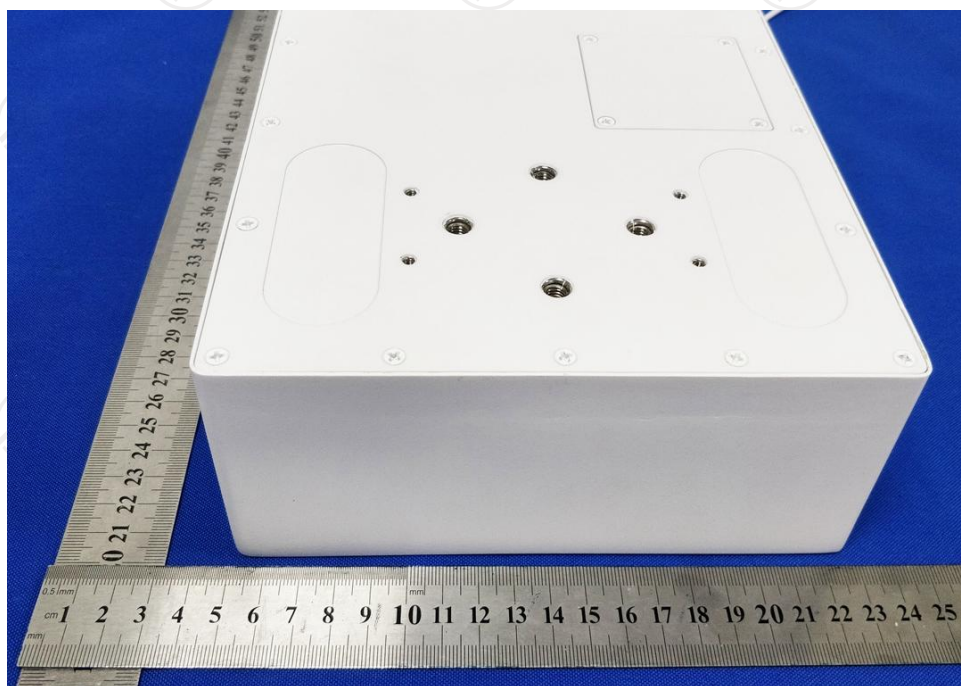
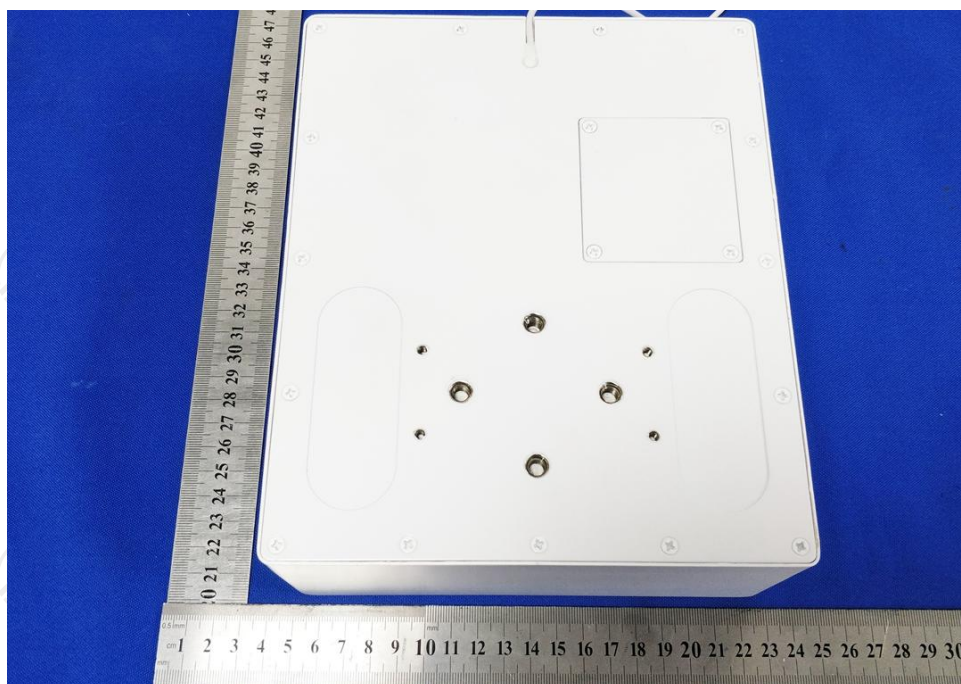
Product: Single Band Consumer Booster

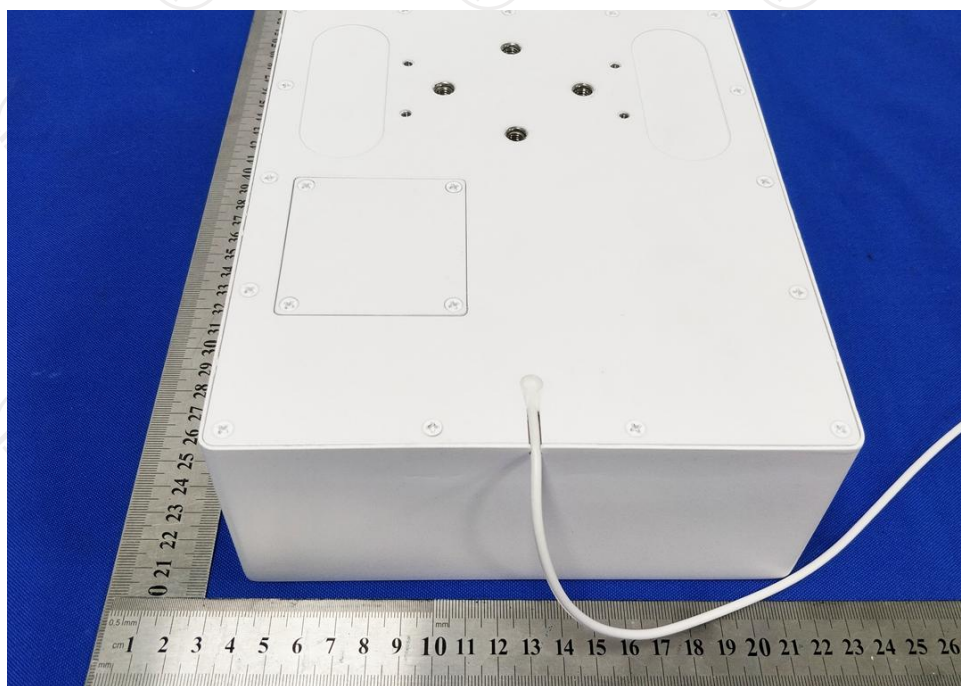
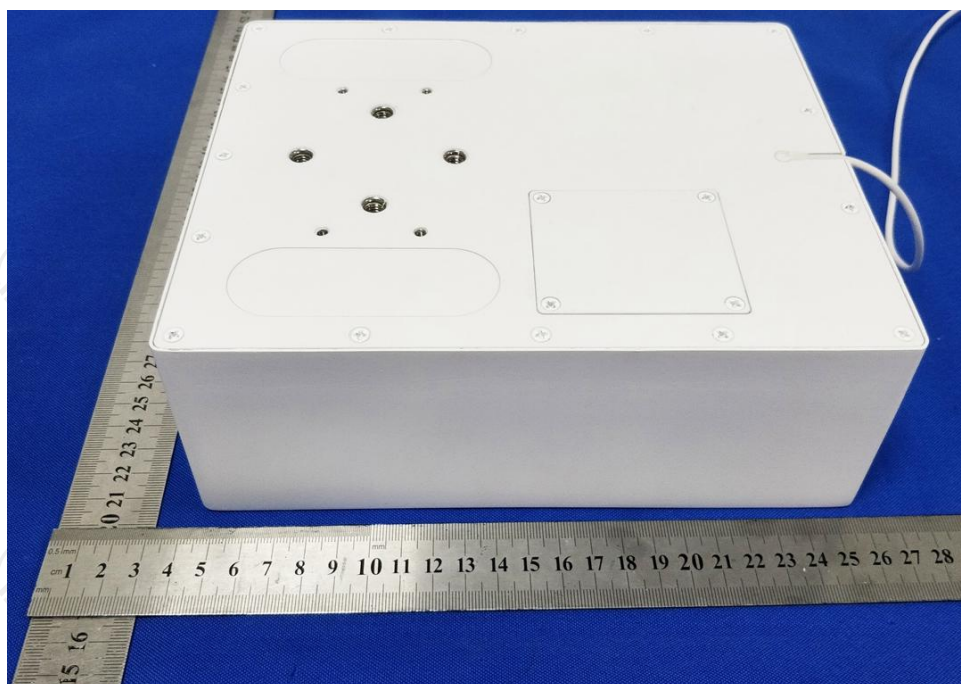
Model: EZ Connect

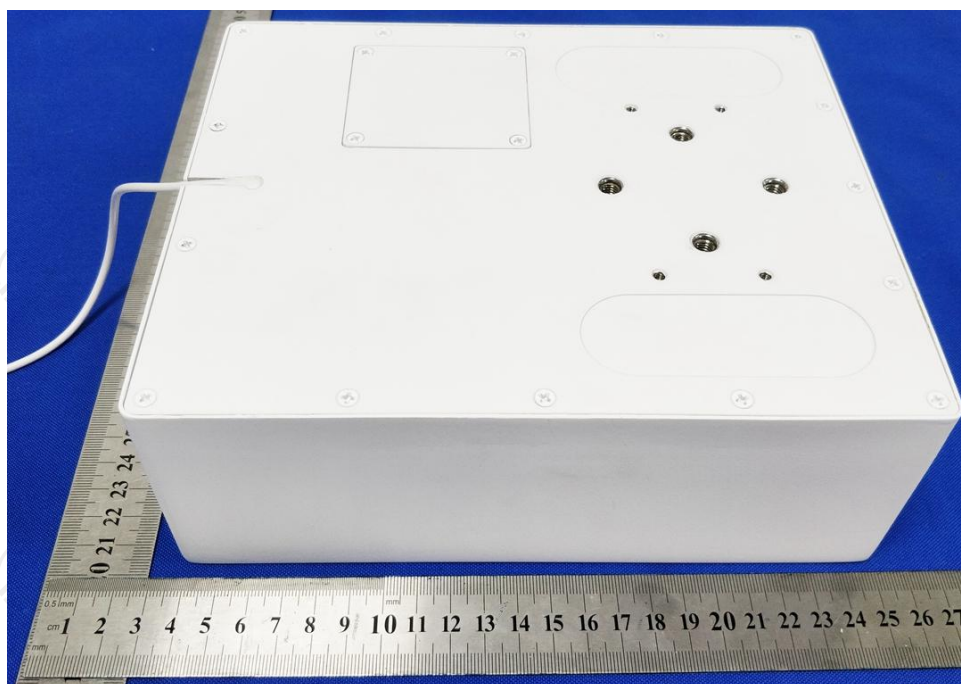


Appendix B: Photographs of EUT
Product: Single Band Consumer Booster
Model: EZ Connect
External Photos

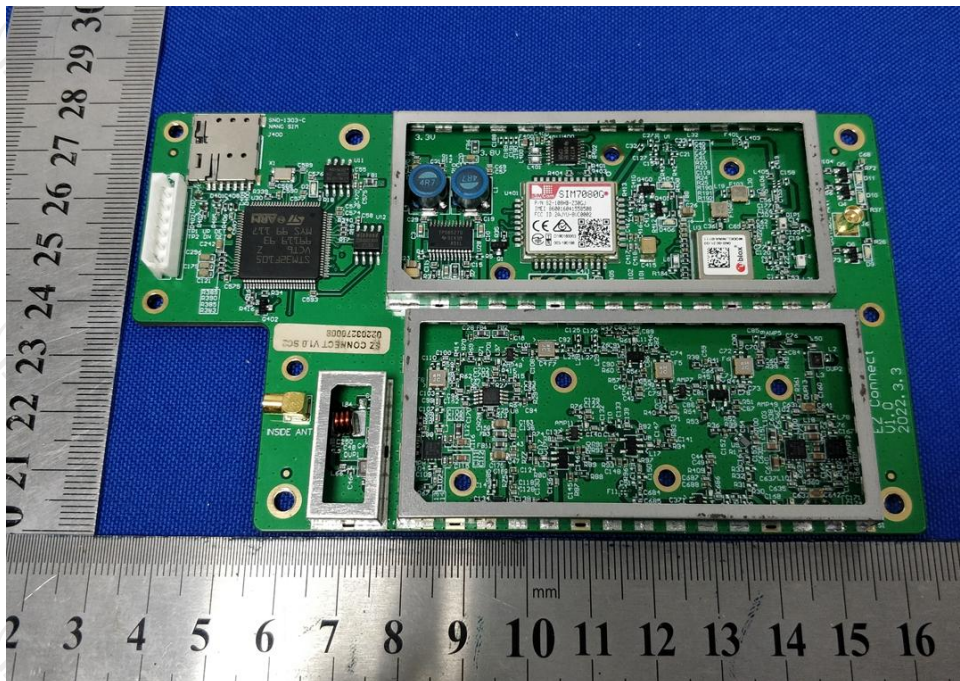
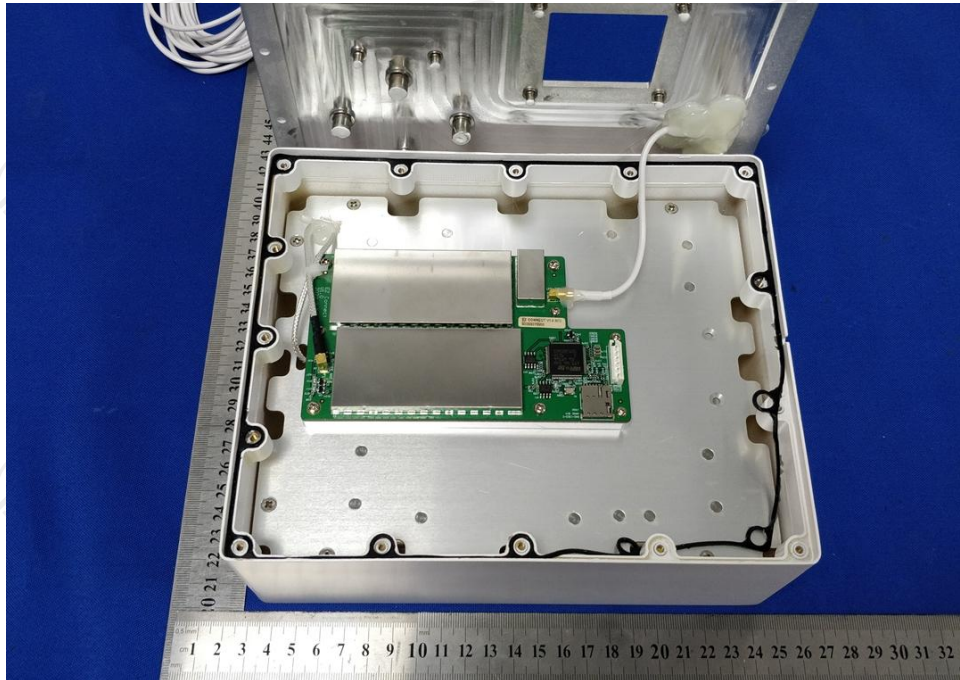


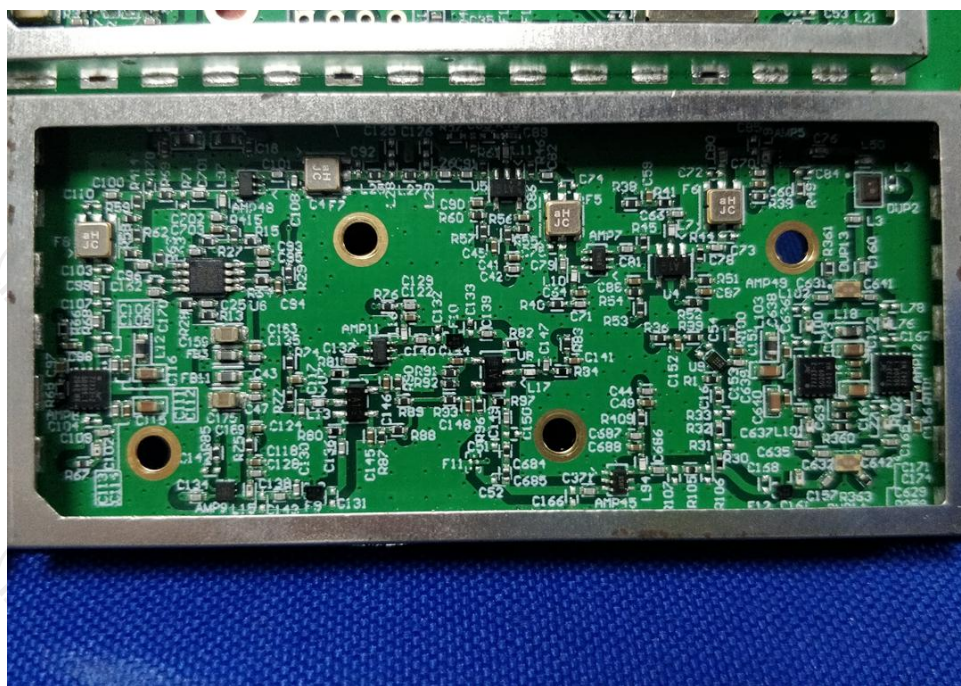


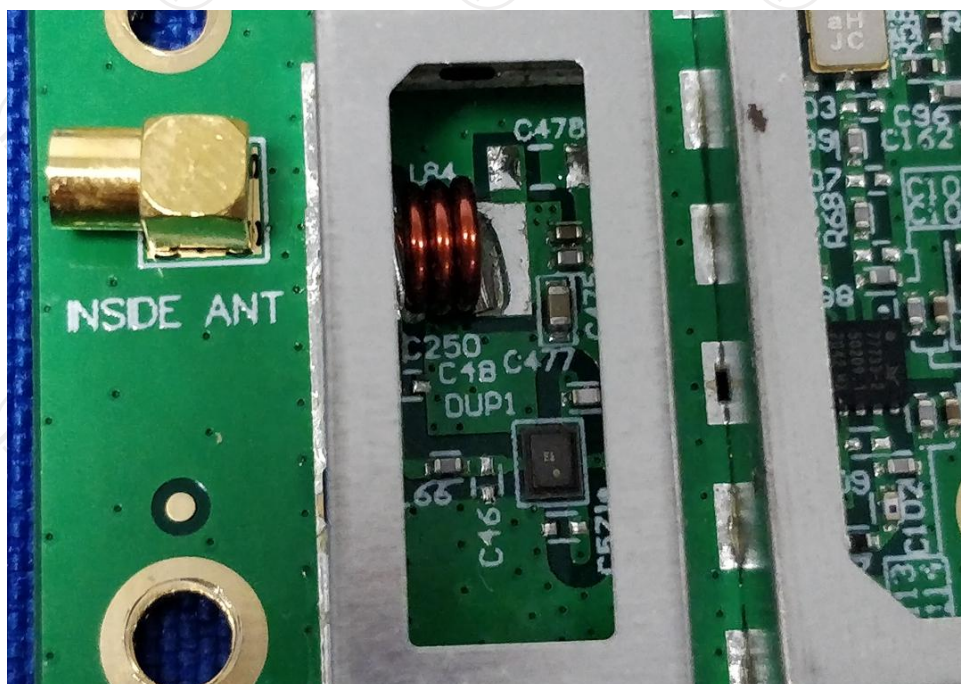
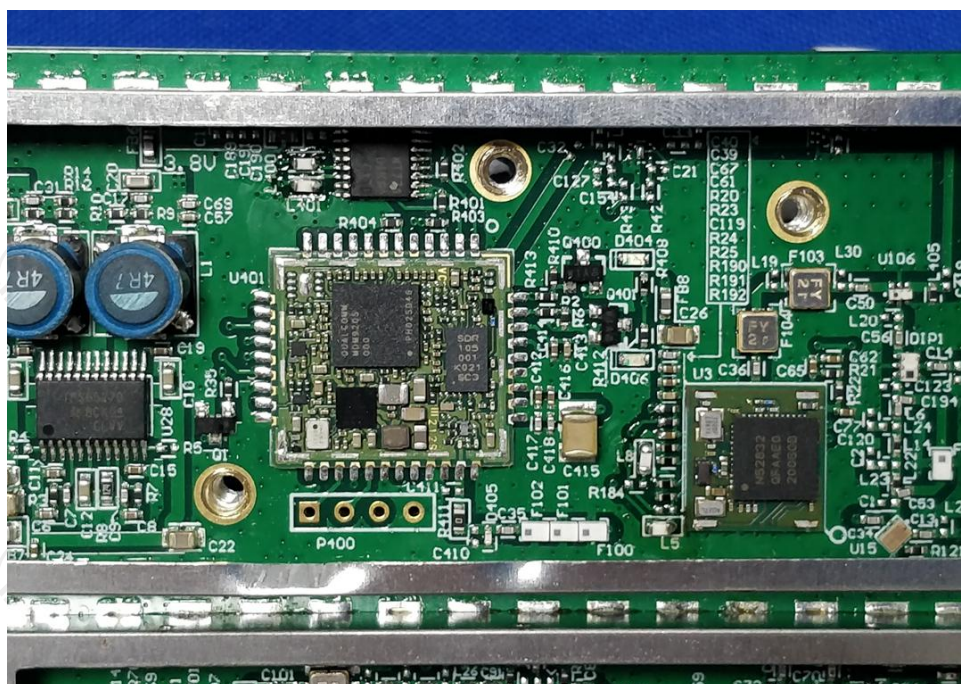


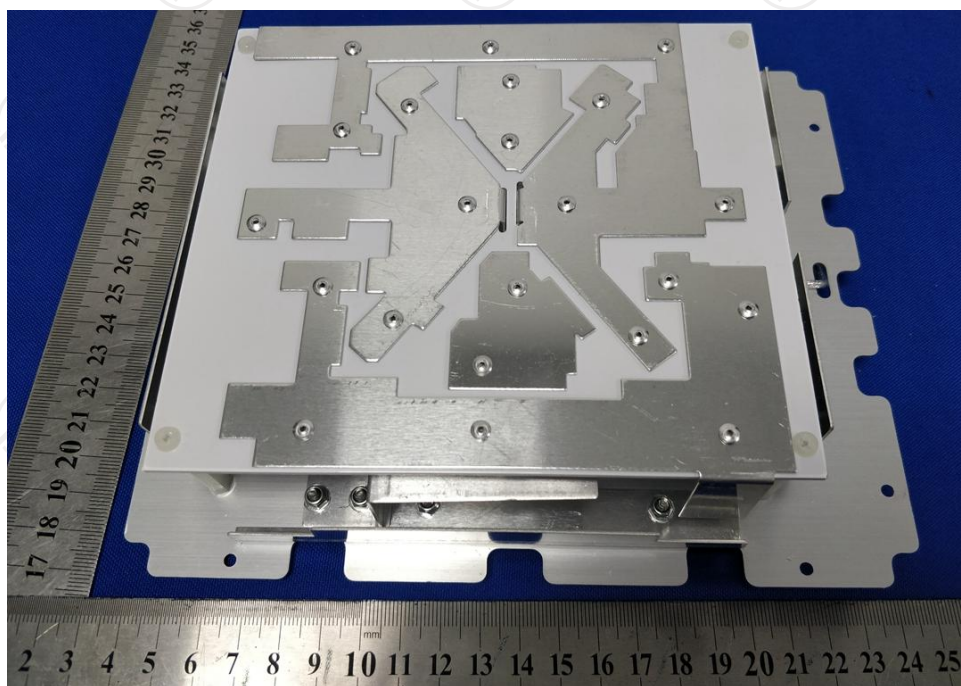
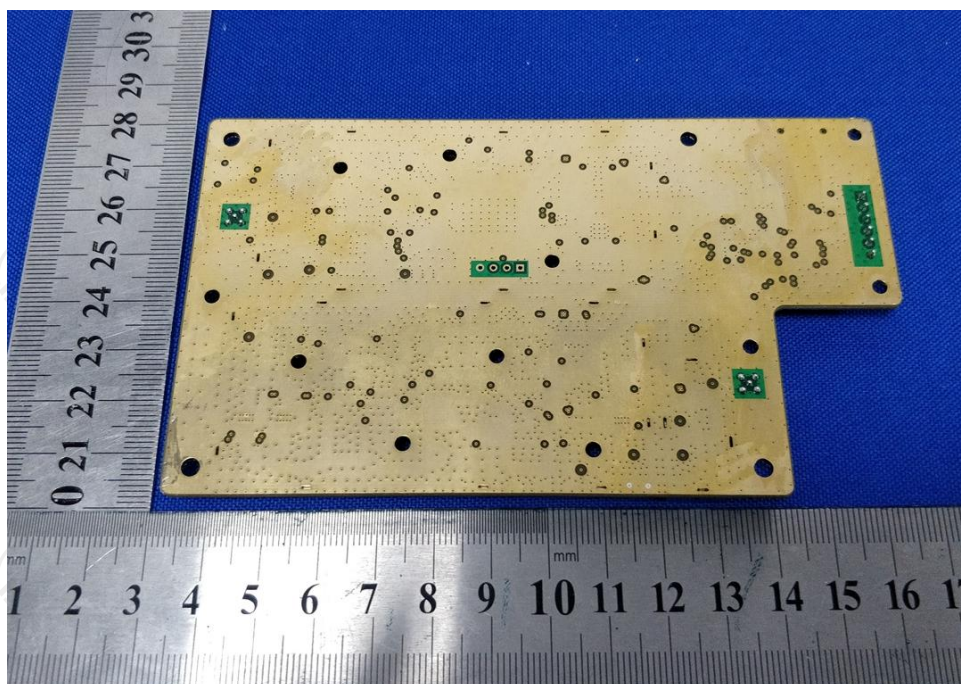


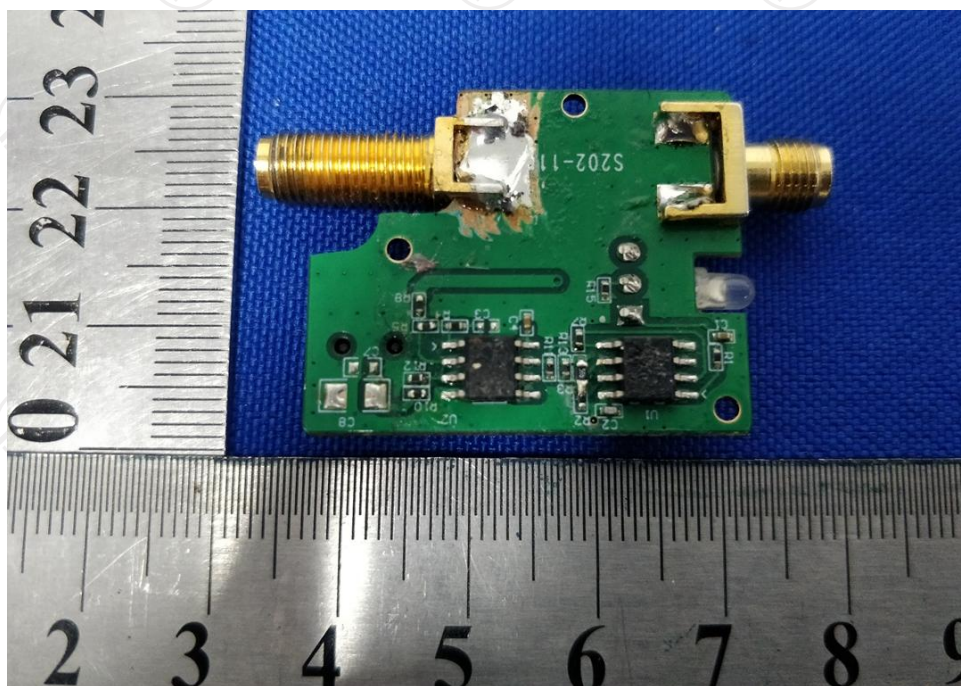
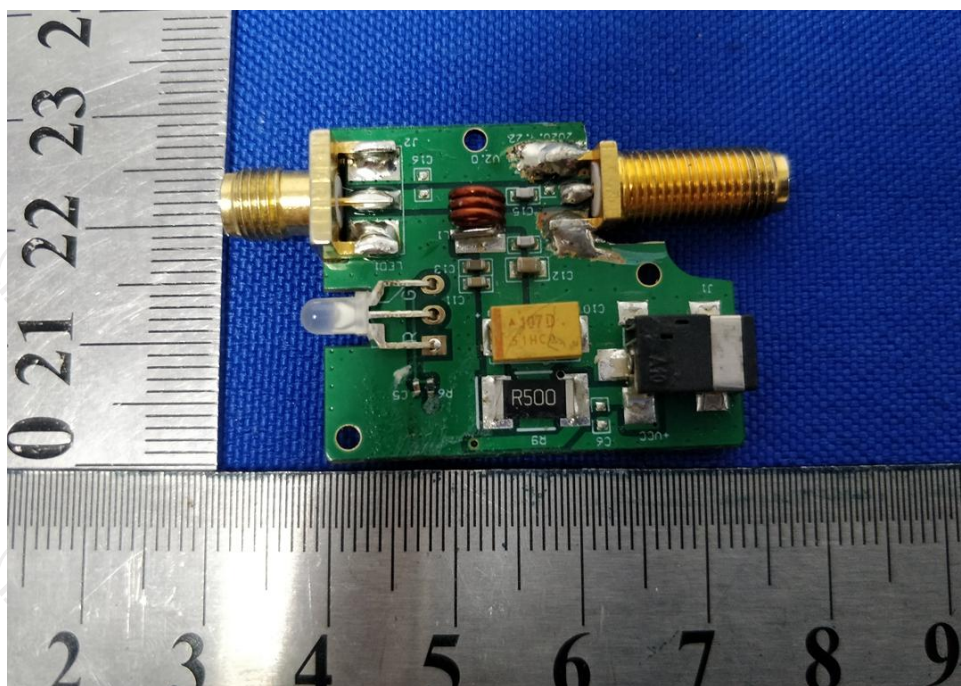
Product: Single Band Consumer Booster
Model: EZ Connect
Internal Photos











*****END OF REPORT*****