

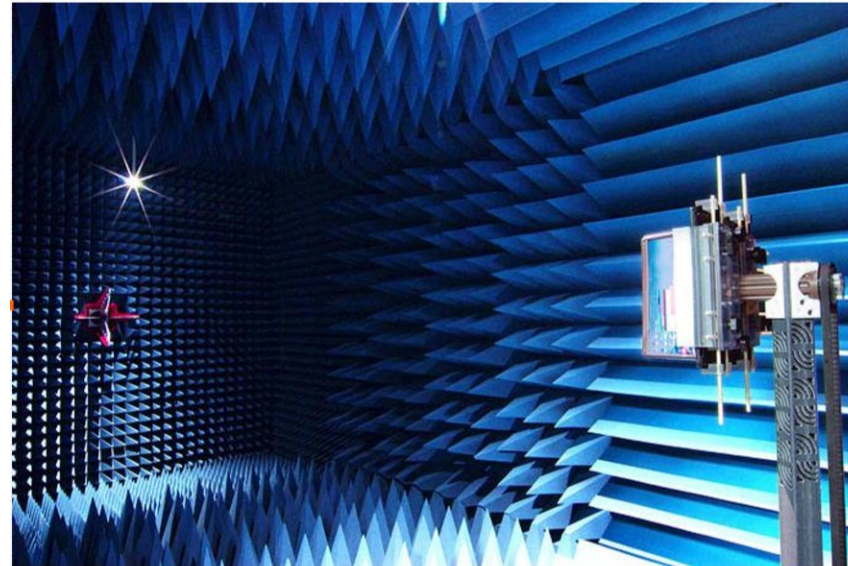


Manufacturer name : APCB ELECTRONICS ASIA LTD.

Manufacturer address :610 Nathan Road, Rooms 1318-20, 13F, Hollywood Plaza,

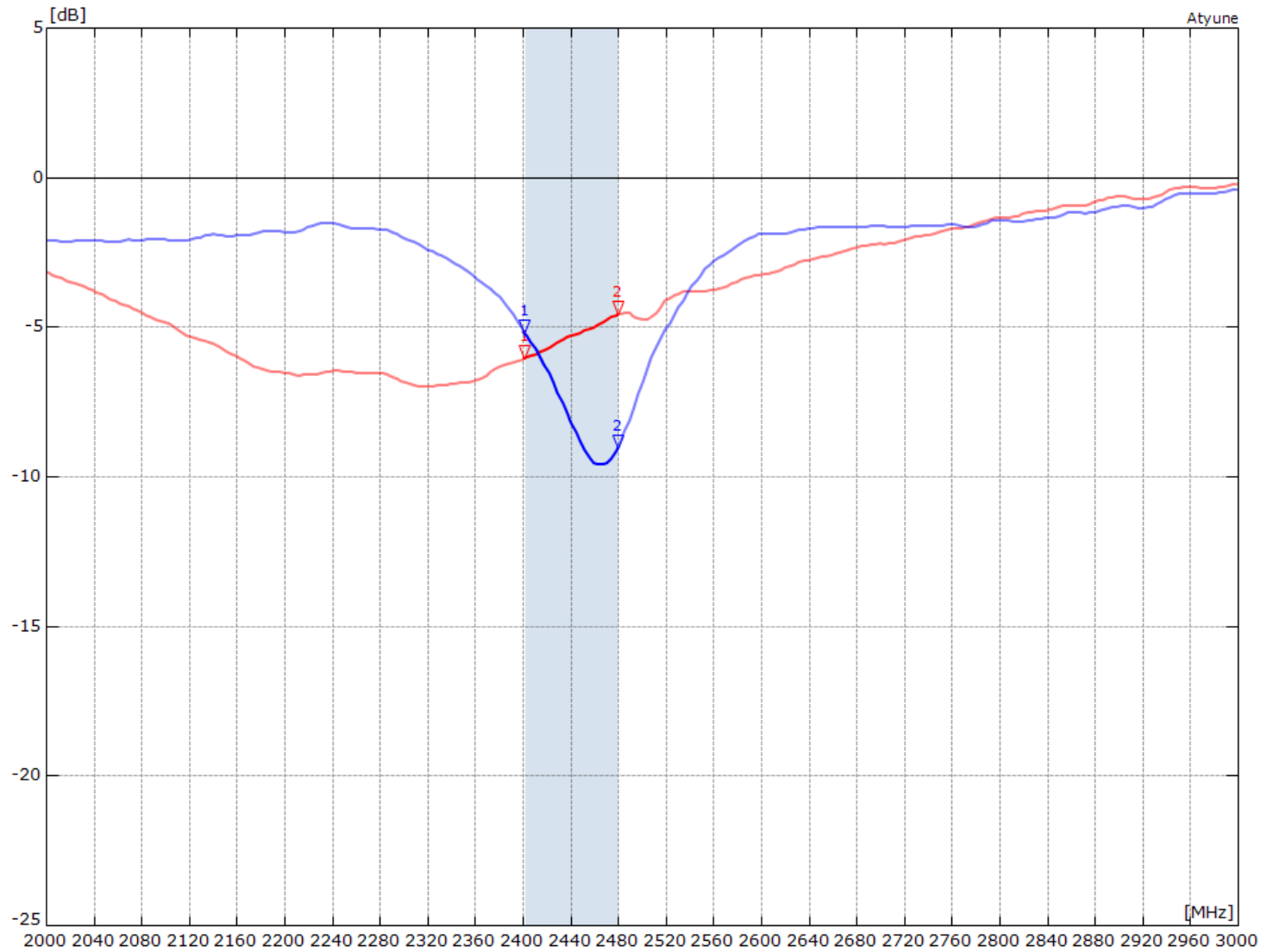
Tel:+852-3519-0100 Fax:+852-2809-9121

Equipment	Model/Type	Calibration due date
Network Analyser	Rhode&Schwarz ZNB-8	01/2026
Calibration Kit	Rhode&Schwarz ZV-Z132	01/2026
Chamber	AMS-8500	CTIA Approved IST





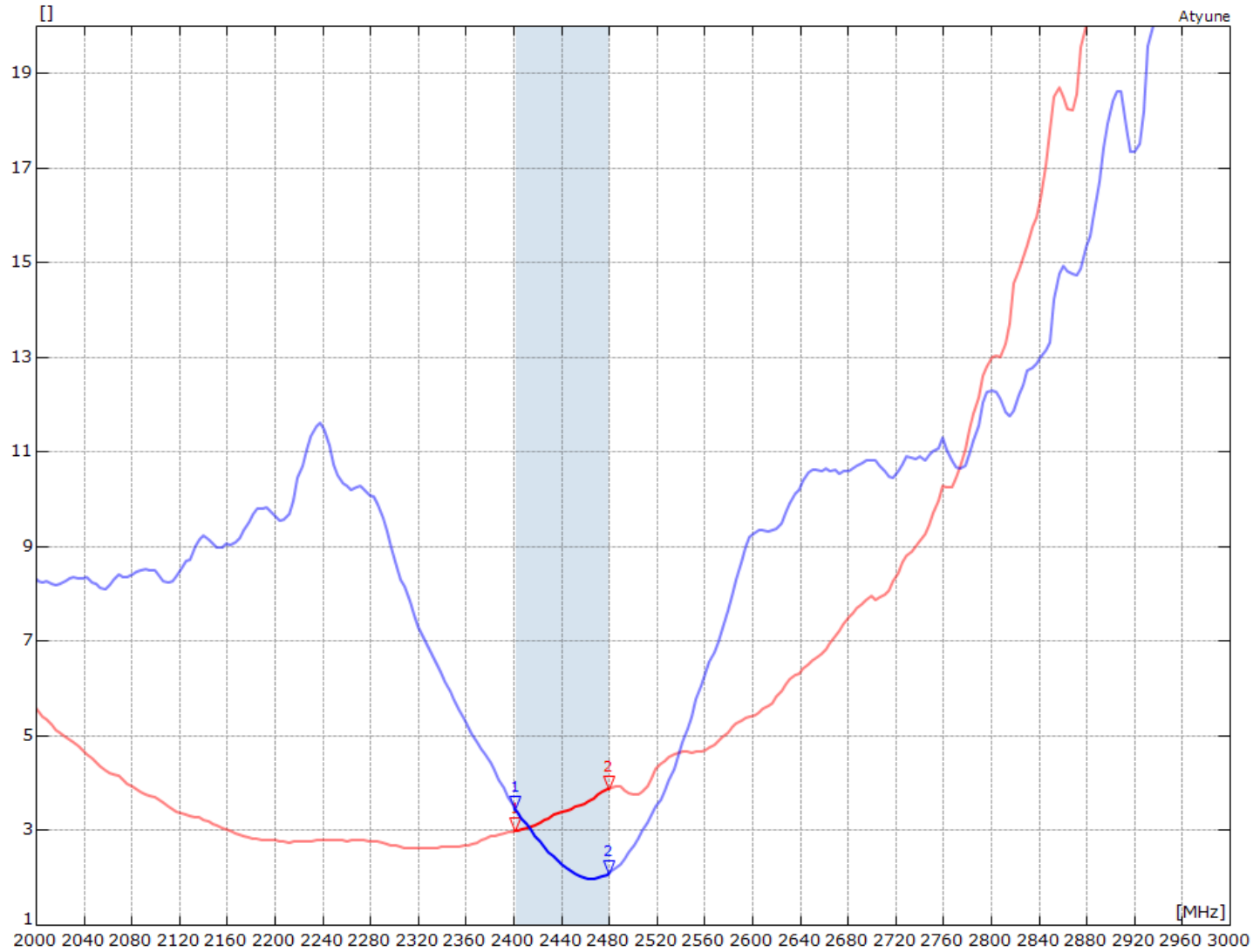
Bluetooth	
Frequency Range (MHz)	2402-2480
Peak Efficiency (%)	63.1
Avg Efficiency (%)	57.9
Peak Gain (dBi)	1.03



MARKERS: MHz dB		
E1BL_0R_w-enclosure.S1 - S11		
1:	2402	-6.04
2:	2480	-4.57
E1BL_6n8Hshu_6p8Fser_1p5Fshu_FS_wBalun.S1 - S11		
1:	2402	-5.17
2:	2480	-9.02

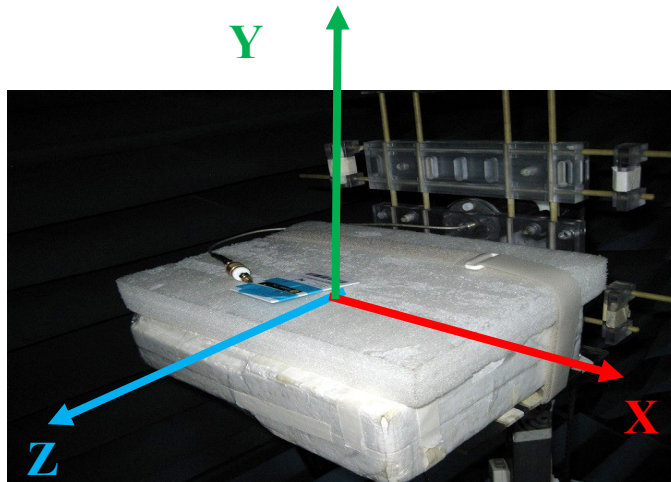
BLE - As received_0R

BLE - Optimised

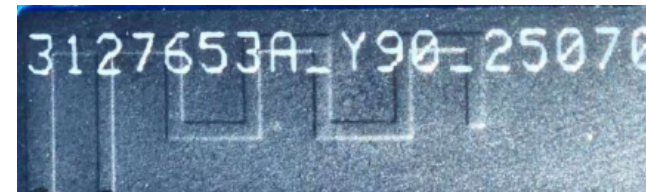


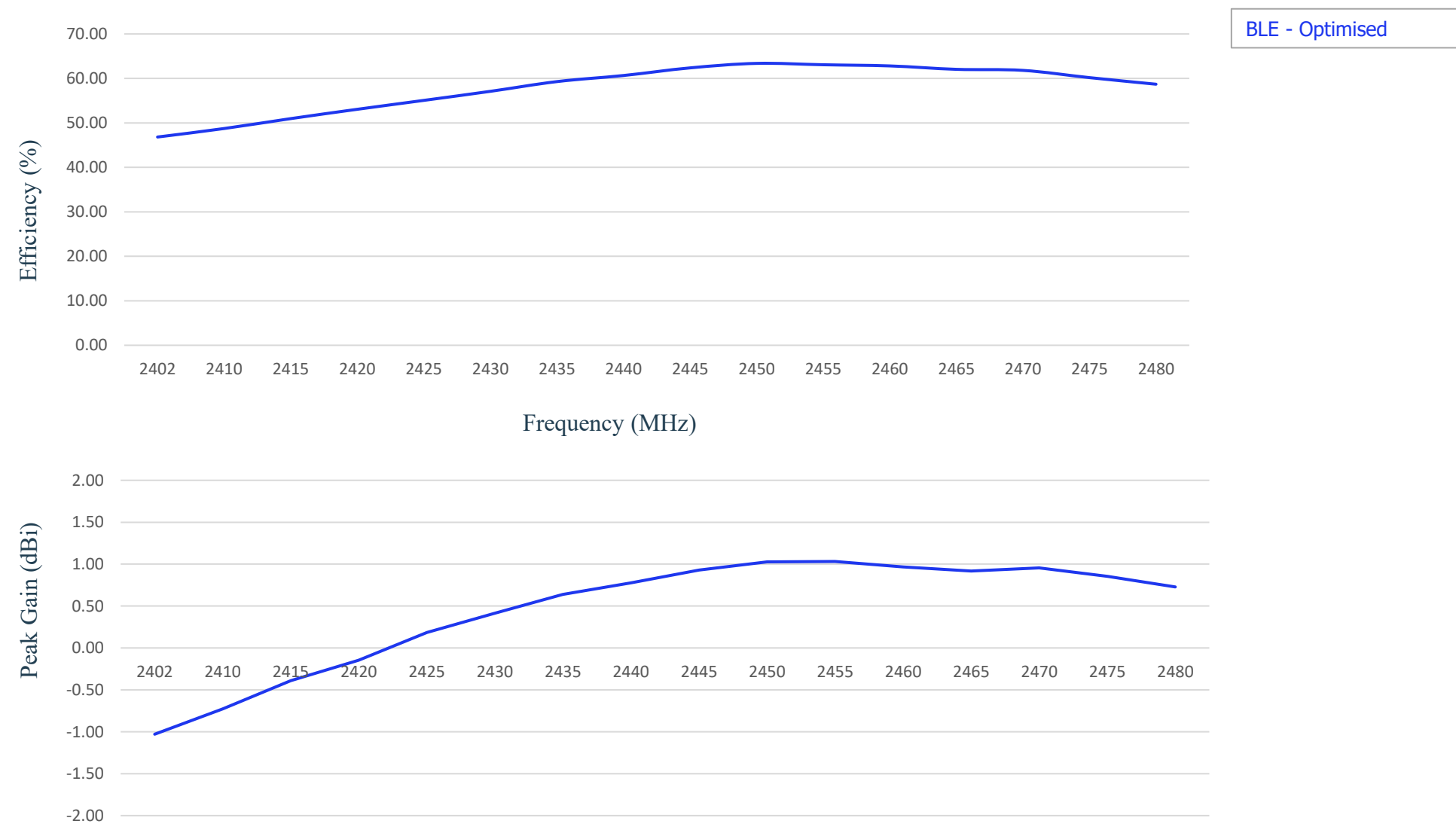


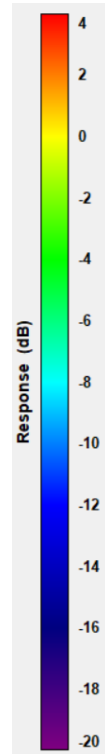
- The device was placed in the chamber as shown. The antenna under test used the required RF choke to prevent cable radiation which can give false high performance and incorrect radiation pattern data.



Antenna photo:







BLE

Pattern at 2450MHz

