

ANTENNA TEST REPORT

Product: Bluetooth 4.2 Module
Brand: Winstec
Model: WBTD02_ANT
Model Difference: N/A
Applicant: Winstec Corporation
Address: 9F-2, No.160, Sec. 6, Ming Quan East Rd.,
Taipei 114, Taiwan

Test Performed by:

International Standards Laboratory

<Lung-Tan LAB>

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Report No.: ISL-17LR278ANT

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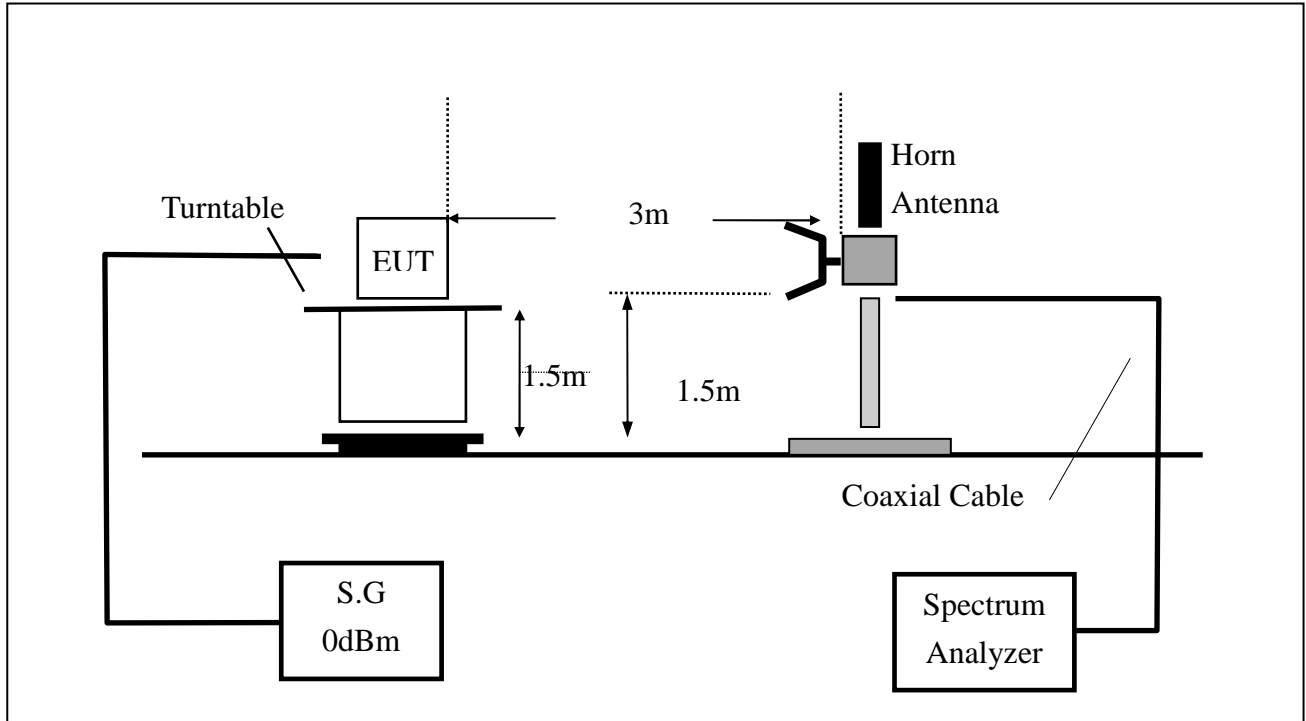
Test By: *Lake Cheng*

Test results given in this report apply only to the specific sample(s) tested and are traceable to national or international standard through calibration of the equipment and evaluating measurement uncertainty herein.

This report **MUST** not be used to claim product endorsement by TAF, NEMKO or any agency of the Government.

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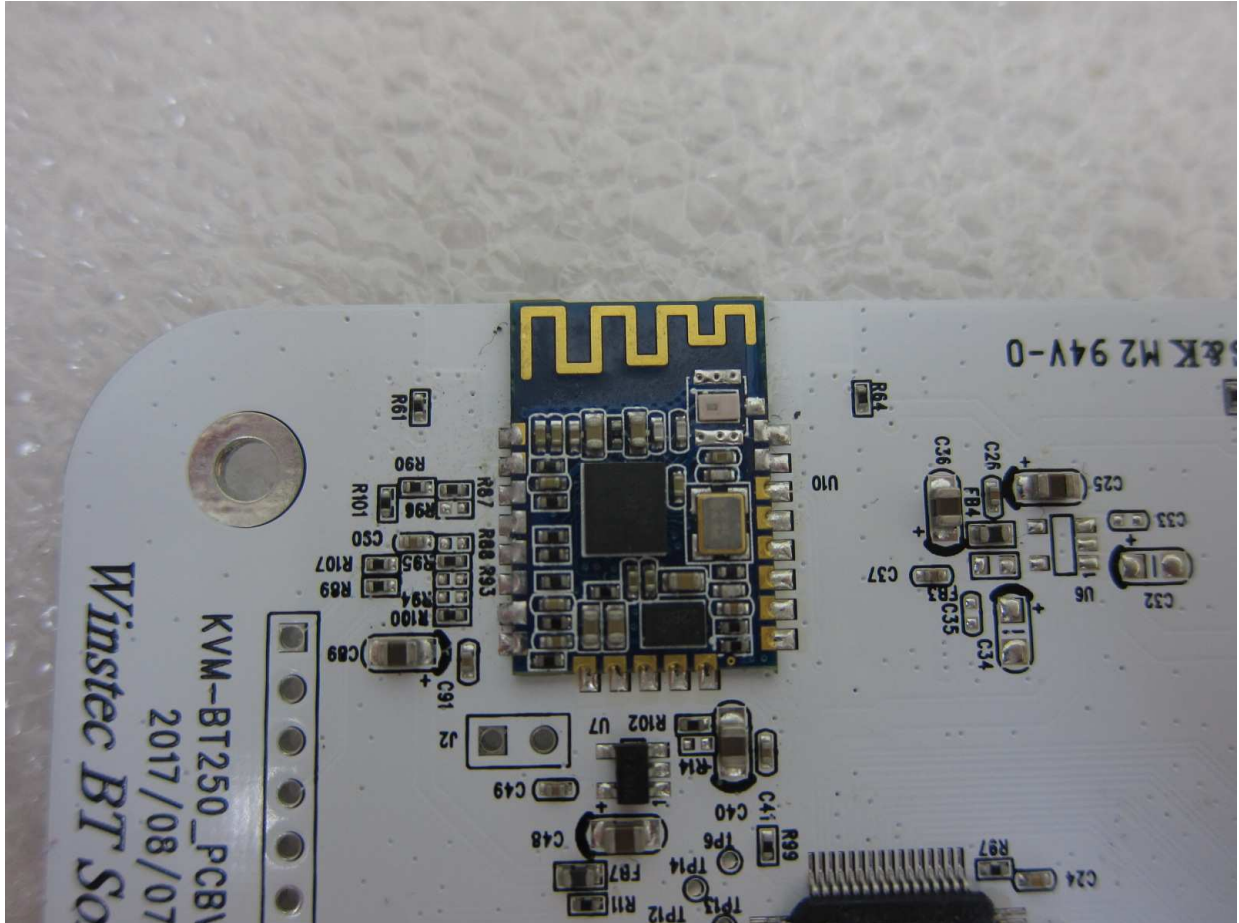
1. Test SET-UP (Block Diagram of Configuration)



Measurement Equipment Used:					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Spectrum Analyzer 19	R&S	FSP40	100116	08/01/2017	07/31/2018
Horn antenna	EMCO	EM-AH-10180	2011090207	03/01/2017	02/28/2018
Horn antenna	EMCO	EM-AH-10180	2011071401	03/11/2017	03/10/2018
Signal Generator	R&S	SMU200A	102330	02/07/2017	03/11/2018

2. EUT Photo

Figure 1



3. Test Result

Printed Antenna

Maximum gain test result:	
Maximum antenna Gain	= -6.02 dBi

Antenna Gain	2400	2450	2500	Unit
		-6.02	-6.10	-7.05

Figure 1. Antenna-2400MHz

Figure 2. Antenna-2450MHz

Figure 3. Antenna-2500MHz

Figure 1

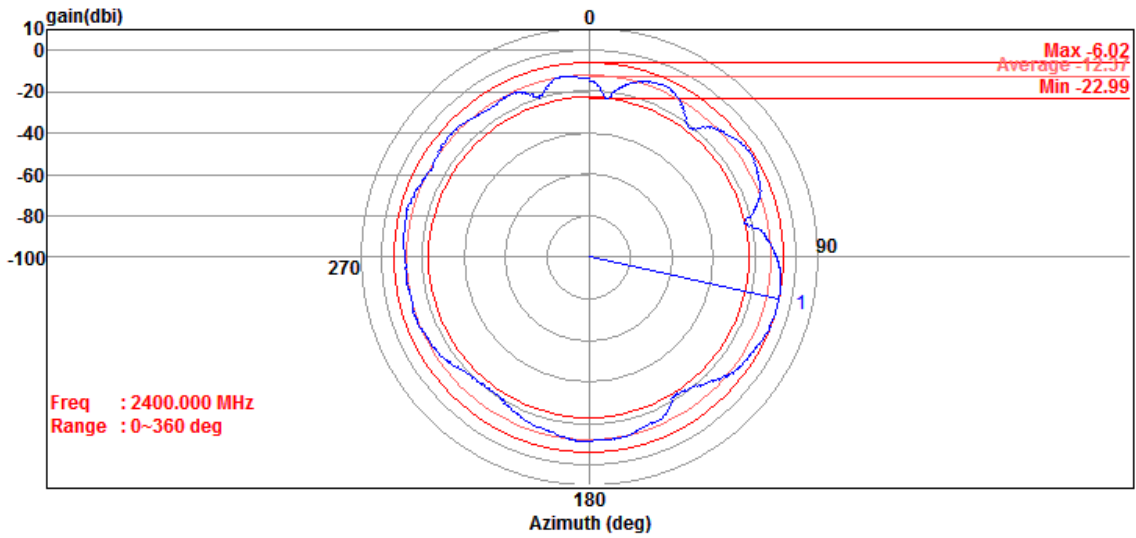


Figure 2

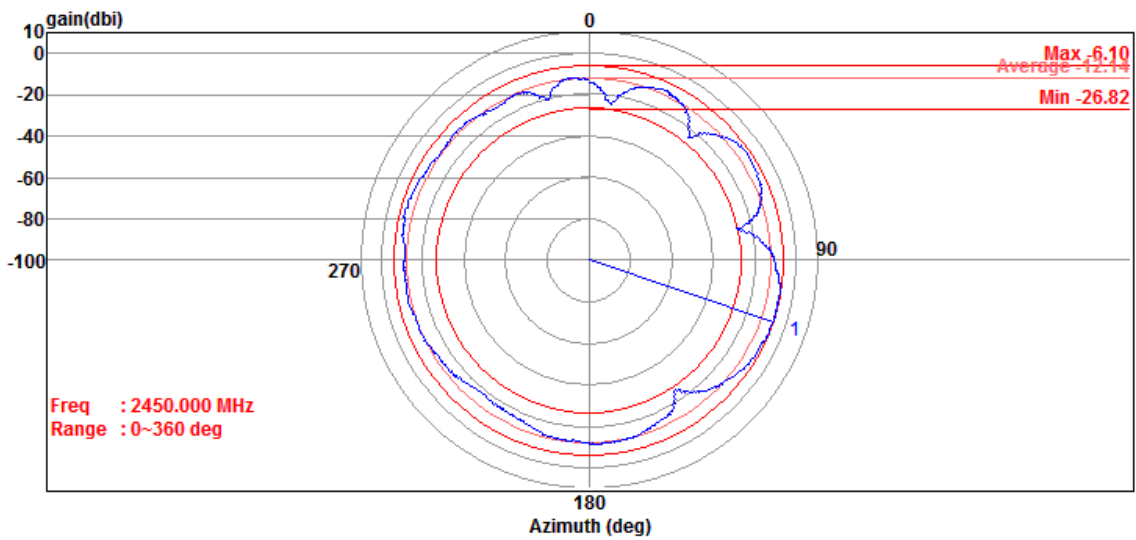
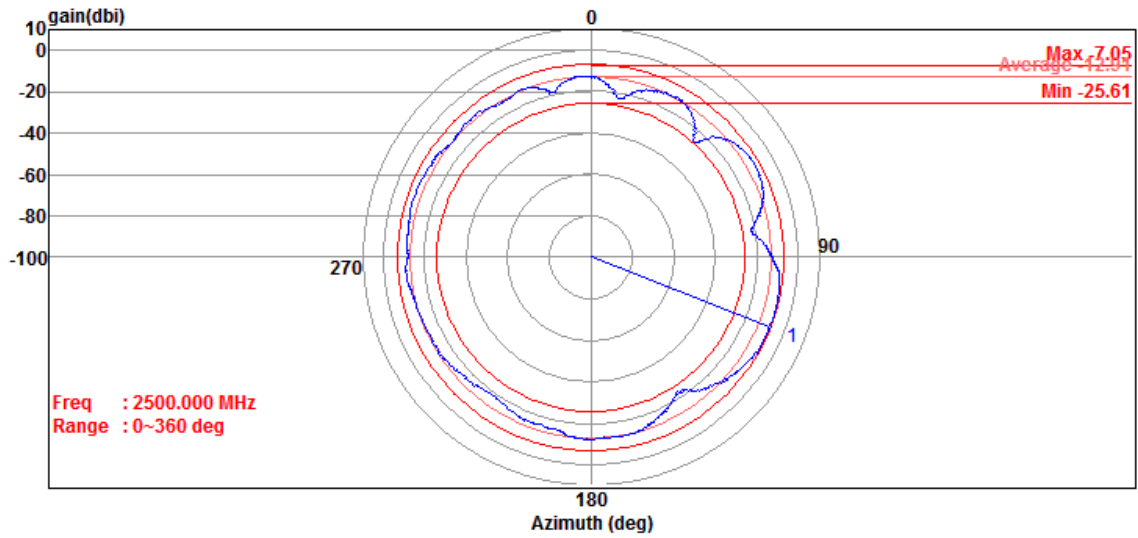


Figure 3



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