

# ANTENNA TEST REPORT

**Product :** Bluetooth 4.1 Module  
**Brand:** Fanstel  
**Model:** BT832F  
**Model Difference:** N/A  
**Applicant:** Fanstel Corporation, Taipei  
**Address:** 10F-10, No. 79, Sec. 1, Hsin Tai Wu Rd.,  
Hsi-Chih, New Taipei City 221 Taiwan

**Test Performed by:**

**International Standards Laboratory**

<Lung-Tan LAB>

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**Report No.:** ISL-16LR323ANT1

**Issue Date :** 2016/12/05

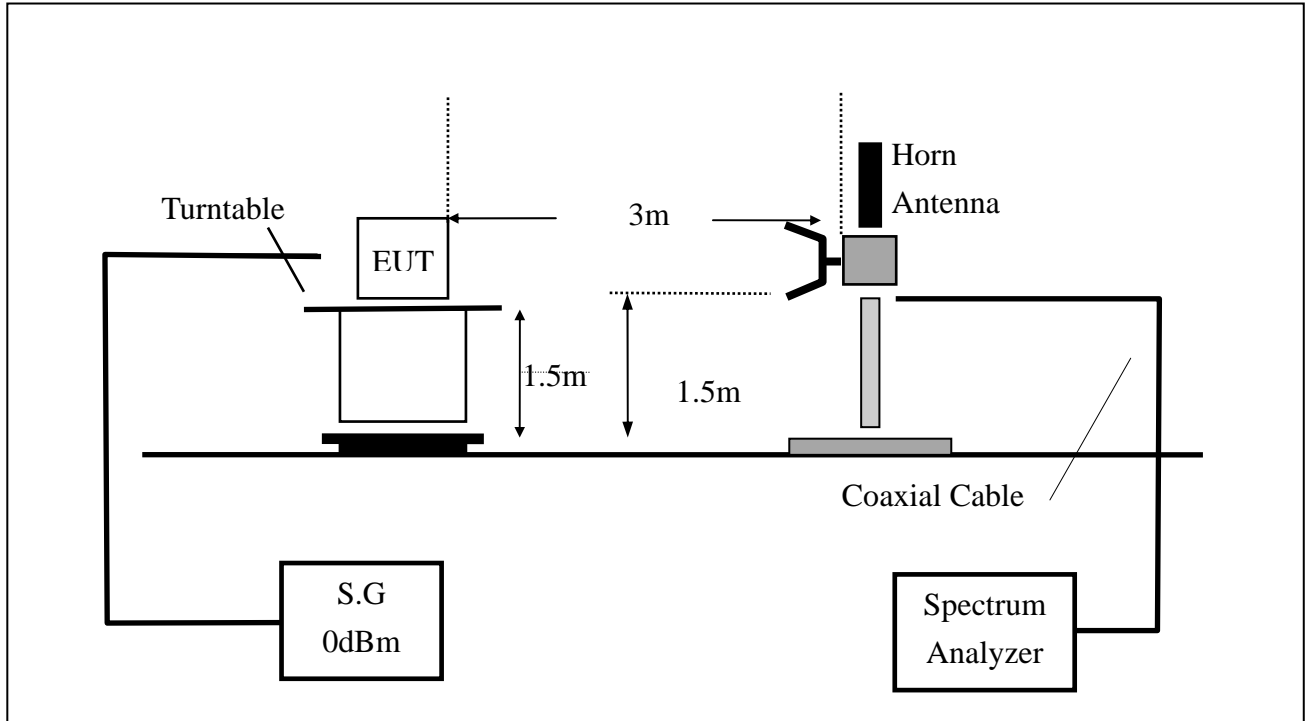
**Test By:** Lake Cheng

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.

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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	08/01/2016	07/31/2017
Horn antenna	EMCO	EM-AH-10180	2011090207	03/01/2016	02/28/2017
Horn antenna	EMCO	EM-AH-10180	2011071401	03/11/2016	03/10/2017
Signal Generator	R&S	SMU200A	102330	02/07/2016	03/11/2017

## 2. EUT Photo

Figure 1



### 3. Test Result

#### Antenna 1

<b>Maximum gain test result:</b>	
Maximum antenna Gain	= 2.82 dBi

Antenna Gain	2400	2450	2500	Unit
		2.82	2.25	1.55

Figure 1. Antenna 1 2400MHz

Figure 2. Antenna 1 2450MHz

Figure 3. Antenna 1 2500MHz

Figure 1

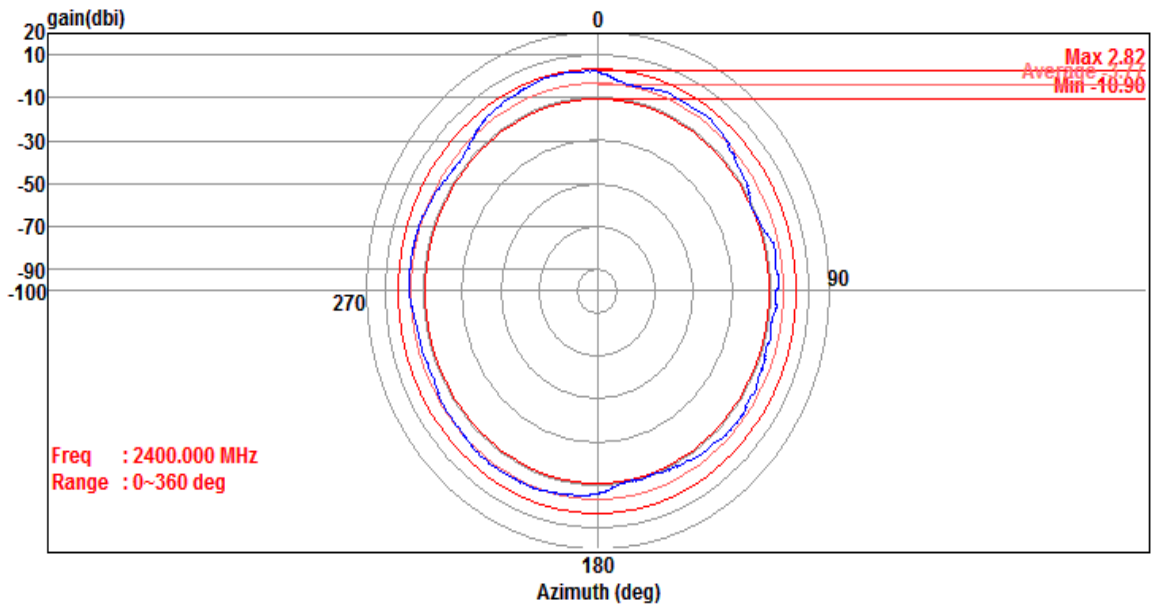


Figure 2

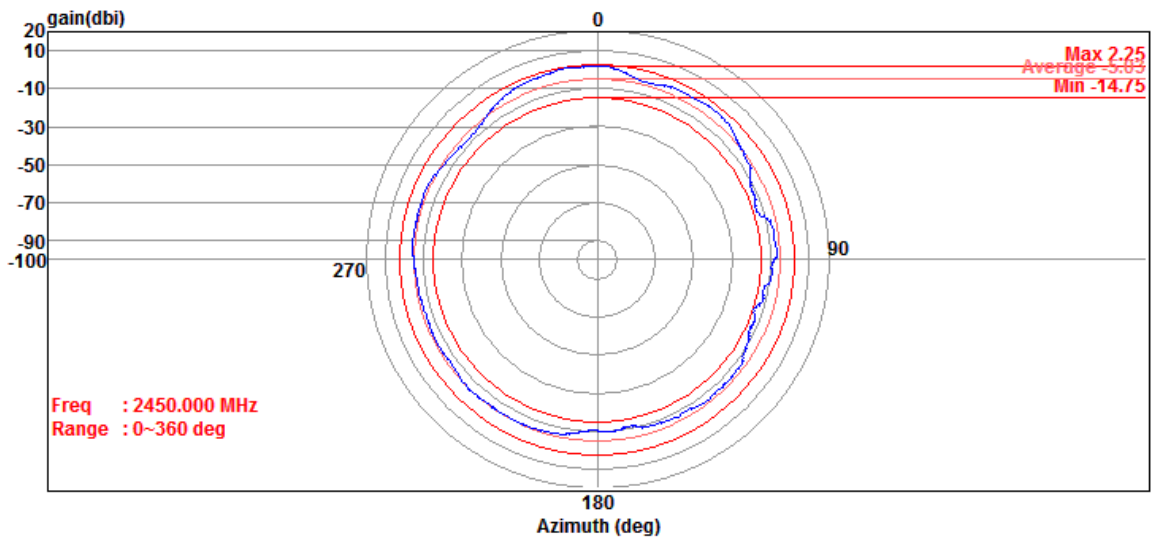
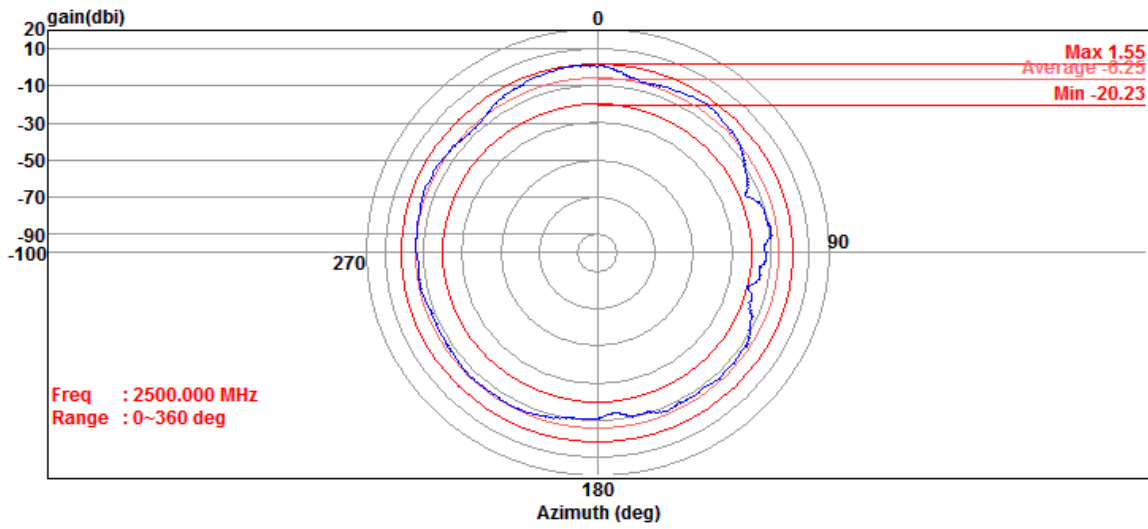


Figure 3



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