



BR2102E ANT Datasheet

December30, 2022

Version 1.0

Version History

Revision	Amendment	Date	Author
1.0	Initial version	2022-12-30	Kaiyue Wu

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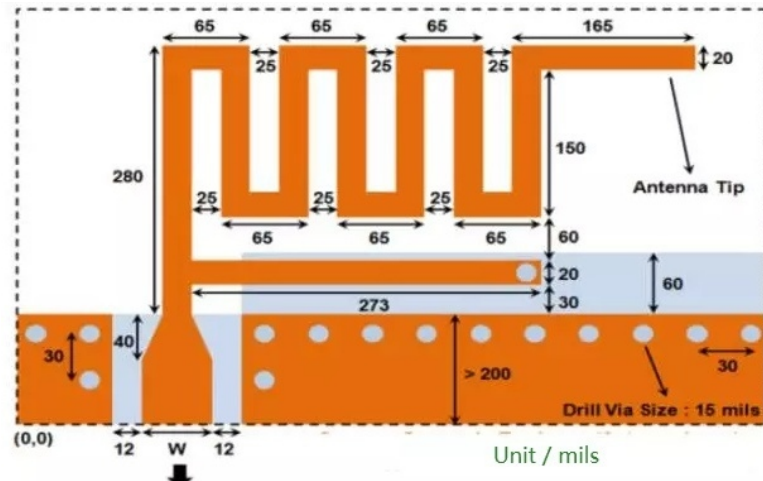
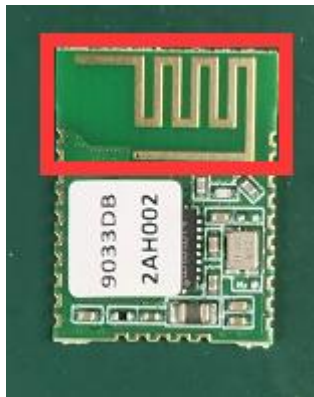
1. Description

Gain: 0dBi

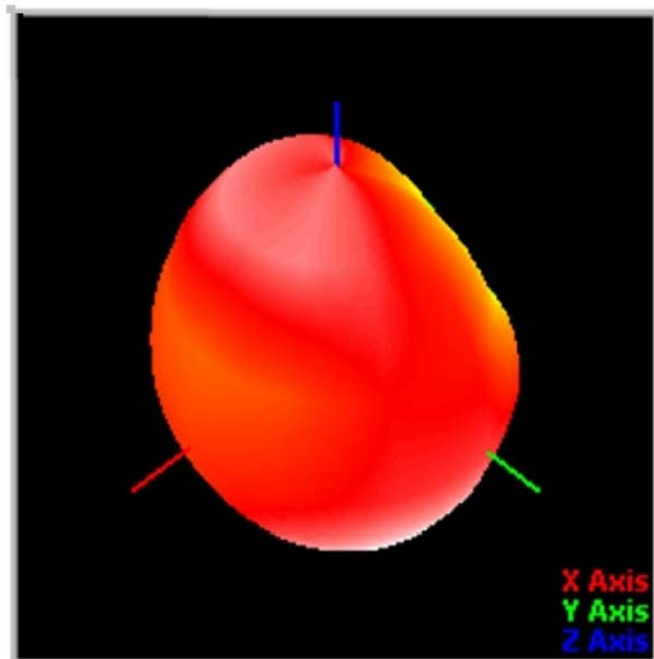
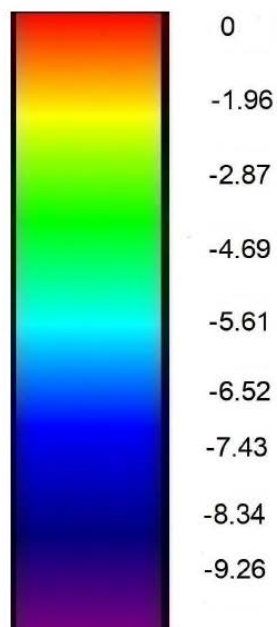
Frequency: 2402-2480MHz

MHz Type: PCB

2. Location



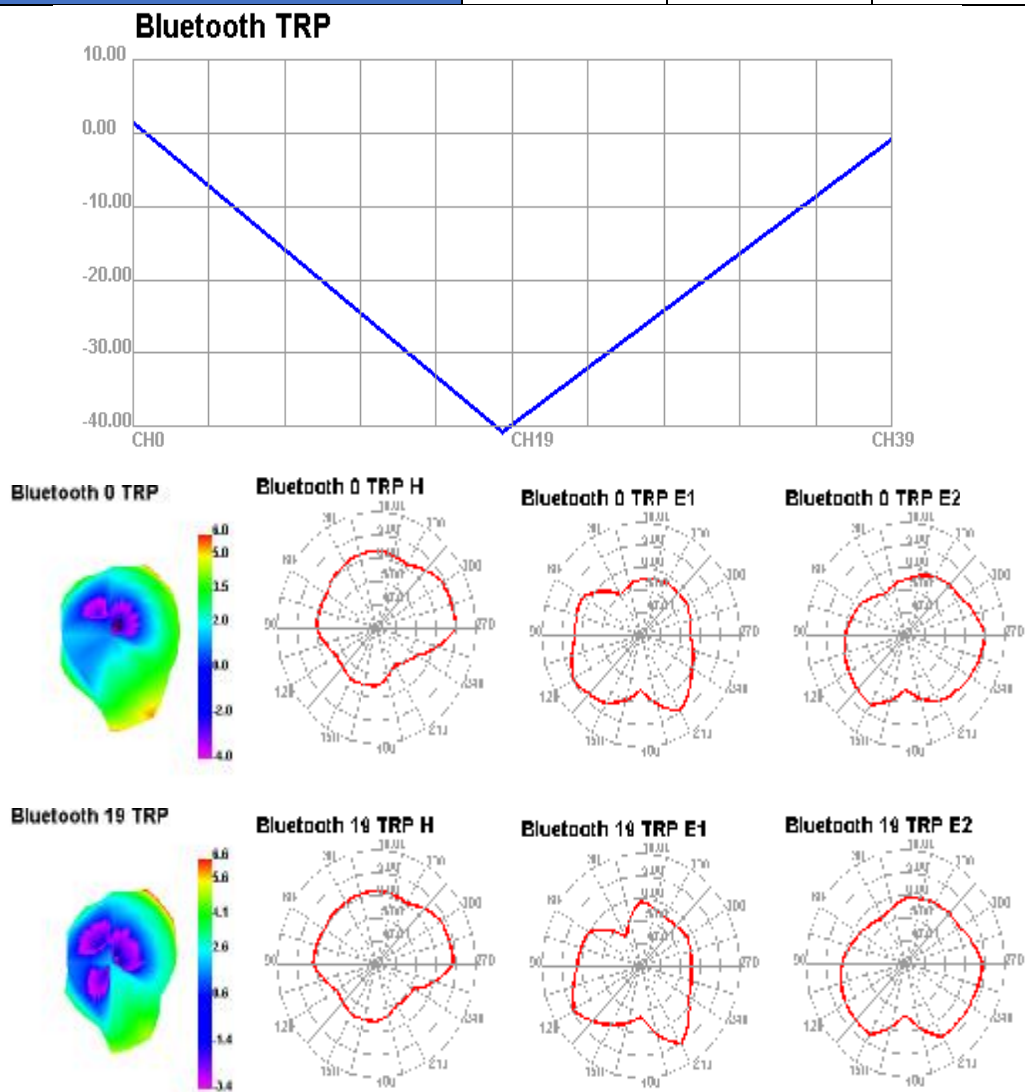
3. Gain Pattern

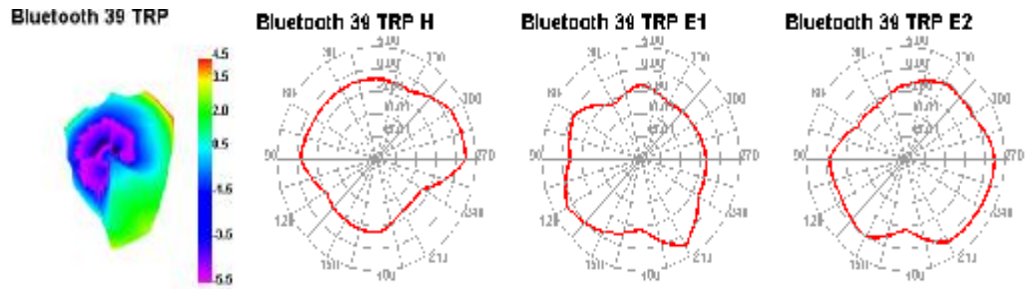


Frequency(MHz)↵	MaxGain(dBi)↵
2500↵	0

4. Bluetooth TRP

Test	Bluetooth TRP		
Result	0	19	39
Frequency (MHz)	2402	2421	2441
TRP(dBm)	1.46	1.36	-0.86
NHPRP(dBm) 45	0.27	0.09	-2.14
MAX(dBm)	6.02	6.58	4.46
EIRP peak	6.02	6.58	4.46
Min(dBm)	-11.77	-10.46	-11.33
Attenuation Horizontal	41.17	42.08	41.17
Attenuation Vertical	41.16	42.07	41.16

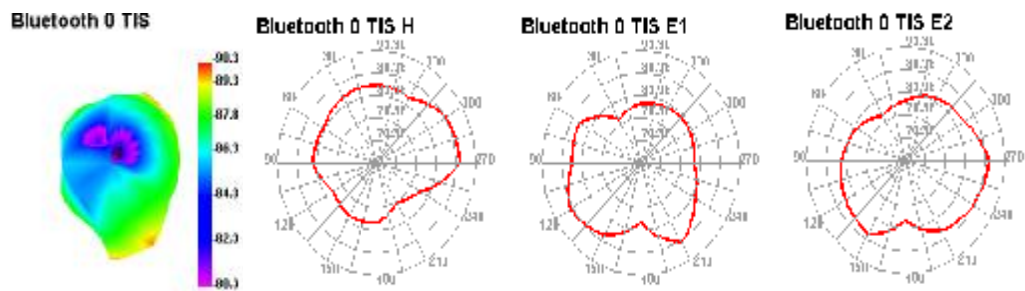
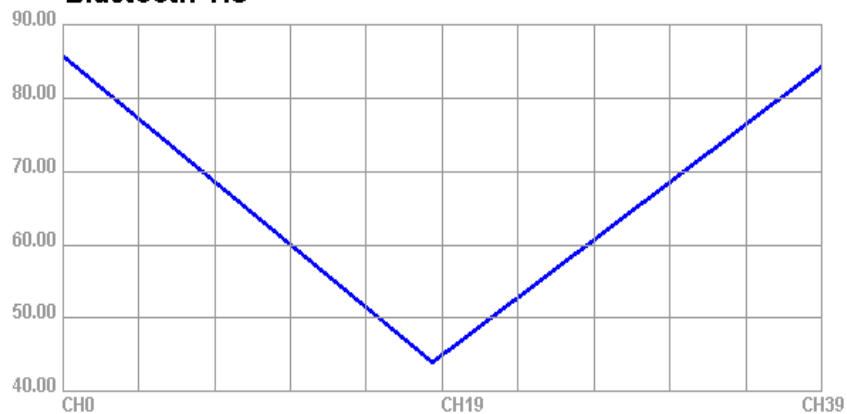


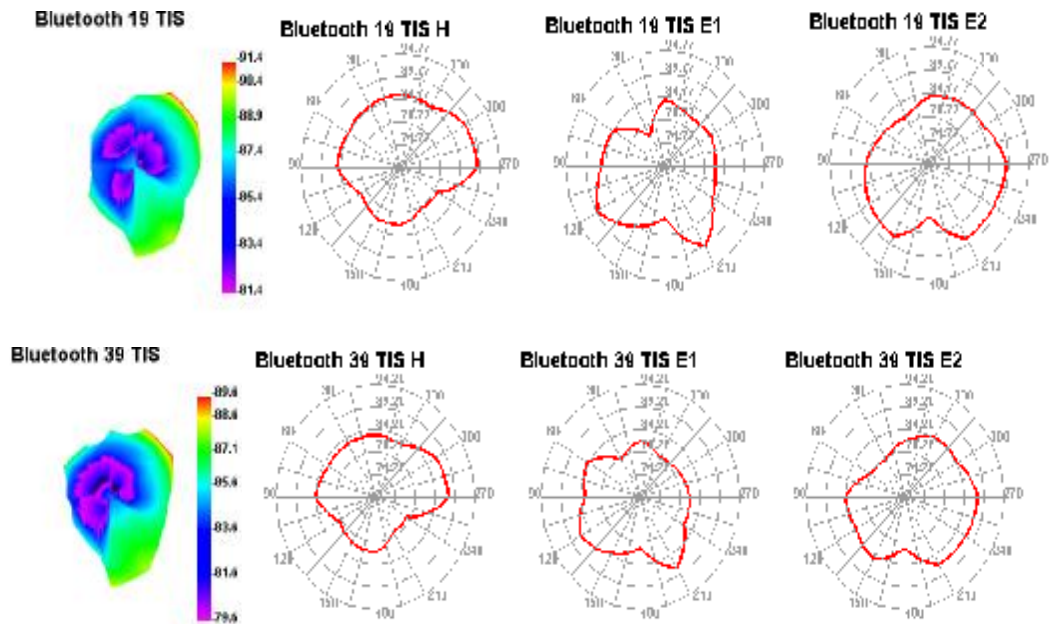


5. Bluetooth TIS

Test	Bluetooth TIS		
Result	0	19	39
Frequency (MHz)	2402	2421	2441
TIS(dBm)	-85.74	-86.14	-84.25
NHPIS(dBm) 45	-84.56	-84.86	-82.97
RSSIAve	2.37	1.36	0.05
MaxPosRSSI	5.7	4.81	2.88
MaxPosSens	-89.08	-89.58	-87.08
MAX(dBm)	6.93	6.58	5.37
EIS peak	6.93	6.58	5.37
Min(dBm)	-10.86	-10.46	-10.42
Attenuation Horizontal	42.08	42.08	42.08
Attenuation Vertical	42.07	42.07	42.07

Bluetooth TIS





6.Contact Information

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