

E100 ANTENNA REPORT

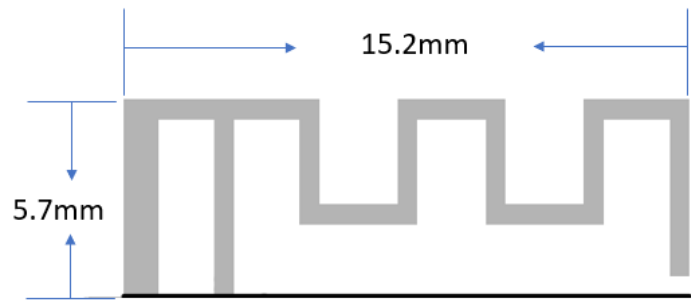
1. Specifications

a) Electrical Specifications

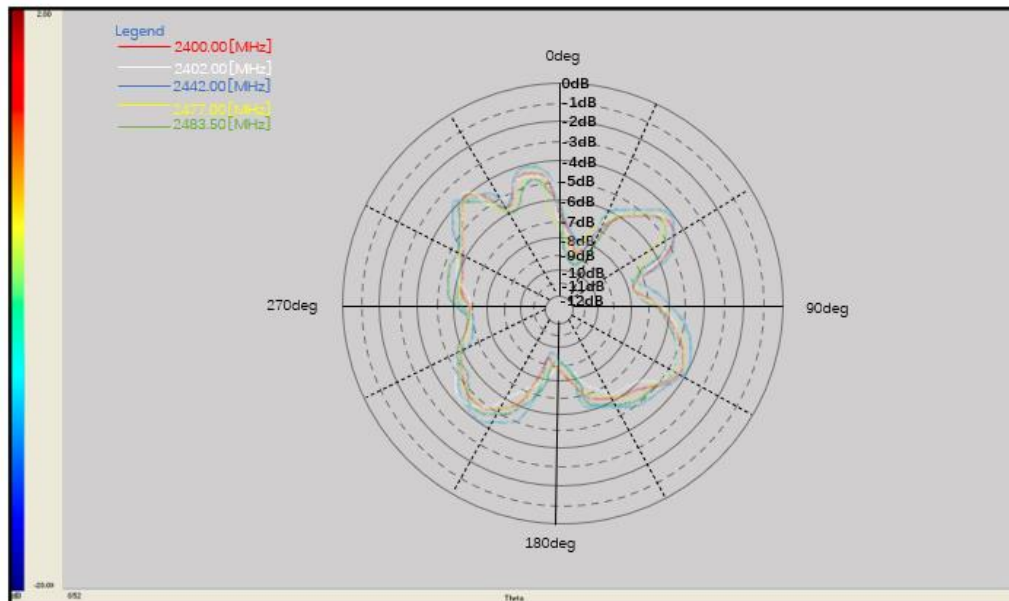
ITEM	SPEC	UNIT
Frequency	2403-2482	MHz
GAIN	-3.4dBi(MAX)	dBi
S.W.R	<=2.0	
ANTENNA TYPE	TYPE	IFA
Impedance	50	Ω

b) Mechanical specifications

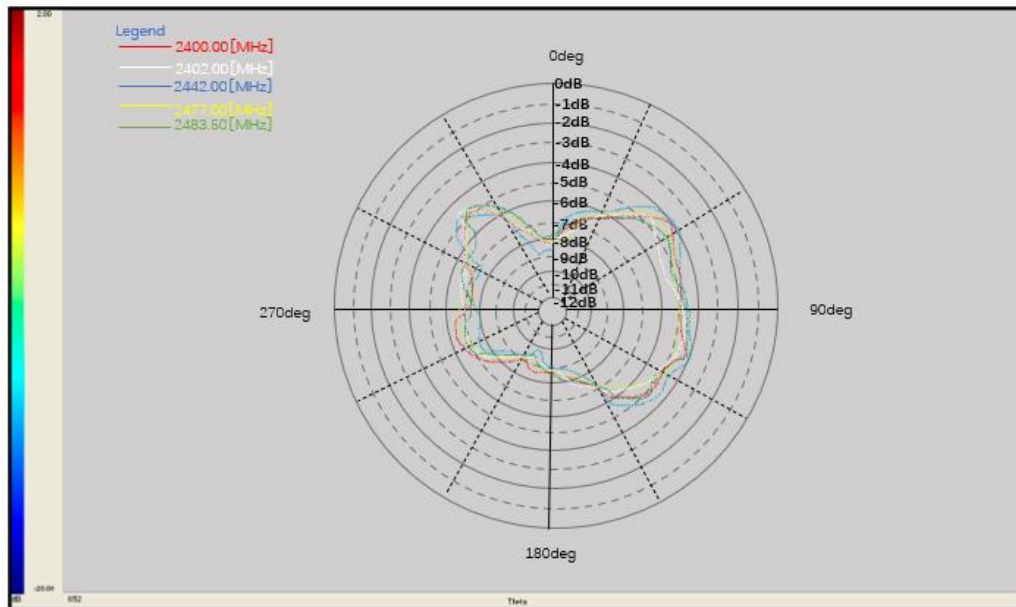
ITEM	SPEC	UNIT
SIZE	15.2*5.7	mm
Radiator material	Material	Brass(Gold coating)
Operating temperature	-20-+70	°C



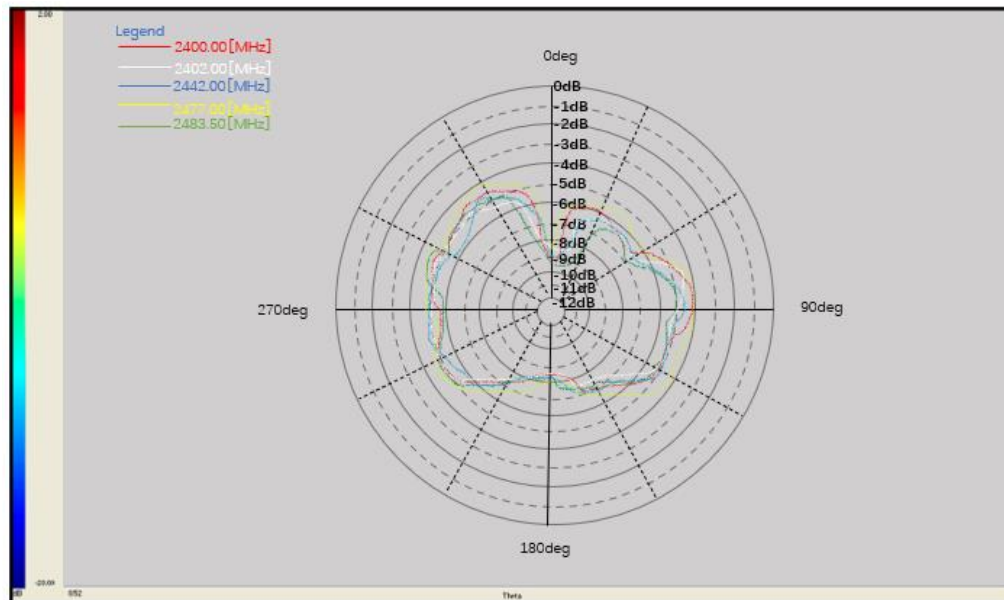
2. Measurement



PHI=0



PHI=90



THETA=90

Freq.[MHz]	Gain[dBi]	Efficiency
2403	-5.3	15.53%
2440	-3.4	20.32%
2480	-4.8	18.11%

3.CHANNEL TABLE

UNIT:MHZ

CH1 2404	CH2 2406	CH3 2408	CH4 2410	CH5 2412	CH6 2414	CH7 2416	CH8 2418
CH9 2420	CH10 2422	CH11 2424	CH12 2426	CH13 2428	CH14 2430	CH15 2432	CH16 2434
CH17 2436	CH18 2438	CH19 2440	CH20 2442	CH21 2444	CH22 2446	CH23 2448	CH24 2450
CH25 2452	CH26 2454	CH27 2456	CH28 2458	CH29 2460	CH30 2462	CH31 2464	CH32 2466
CH33 2468	CH34 2470	CH35 2472	CH36 2474	CH37 2476	CH38 2478	CH39 2480	CH40 2482
CH41 2403	CH42 2405	CH43 2407	CH44 2409	CH45 2411	CH46 2413	CH47 2415	CH48 2417
CH49 2419	CH50 2421	CH51 2423	CH52 2425	CH53 2427	CH54 2429	CH55 2431	CH56 2433
CH57 2435	CH58 2437	CH59 2439	CH60 2441	CH61 2443	CH62 2445	CH63 2447	CH64 2449
CH65 2451	CH66 2453	CH67 2455	CH68 2457	CH69 2459	CH70 2461	CH71 2463	CH72 2465
CH73 2467	CH74 2469	CH75 2471	CH76 2473	CH77 2475	CH78 2477	CH79 2479	CH80 2481