

Antenna Specification

1. Antenna describe:

Antenna plate	FPCB antenna
Make name/model name	/
Antenna max gain	-4.49 dBi
Frequency range	2.4GHZ-2.483GHZ
Connector type	Dedicated
Applicant	Fender Musical Instruments
Manufacturer	GP Electronics (HK) Limited
Model number	C4207-510009-A

2. External view drawing:

Picture of antenna



3. Antenna Radiation Pattern

Gain and Efficiency

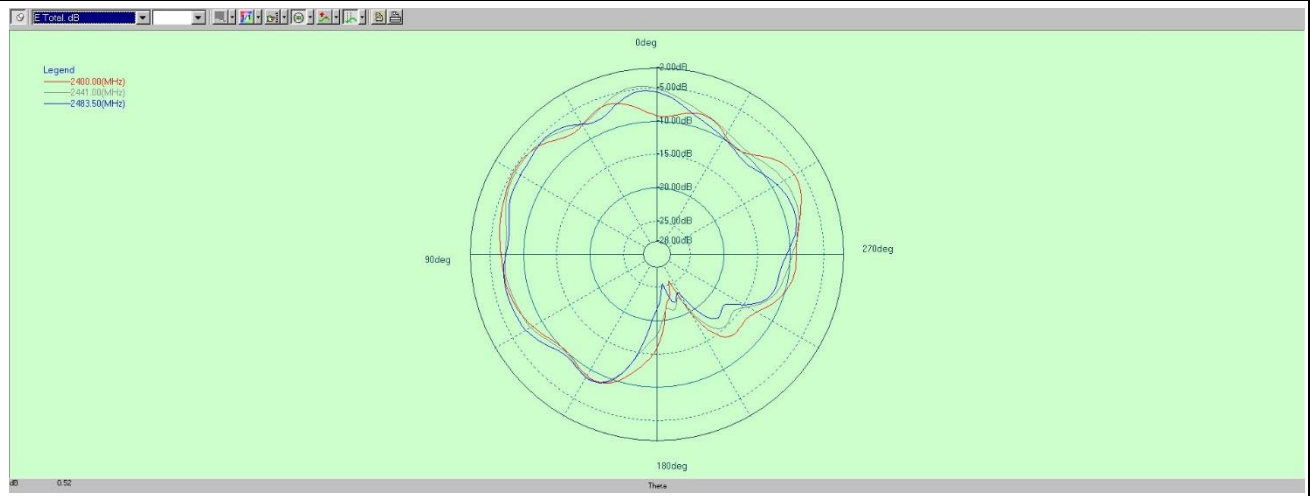
Frequency	E Total. dB(dBi)	Efficiency
2400MHz	-4.94	16%
2401MHz	-4.93	16%
2402MHz	-4.93	16%
2403MHz	-4.94	16%
2404MHz	-4.96	16%
2405MHz	-5.02	15%
2406MHz	-5.04	15%
2407MHz	-5.06	15%
2408MHz	-5.06	15%

2409MHz	-5.06	15%
2410MHz	-5.07	15%
2411MHz	-5.10	15%
2412MHz	-5.14	15%
2413MHz	-5.17	15%
2414MHz	-5.20	15%
2415MHz	-5.24	15%
2416MHz	-5.25	15%
2417MHz	-5.27	15%
2418MHz	-5.29	15%
2419MHz	-5.32	15%
2420MHz	-5.34	15%
2421MHz	-5.37	15%
2422MHz	-5.39	15%
2423MHz	-5.39	15%
2424MHz	-5.39	15%
2425MHz	-5.22	15%
2426MHz	-5.22	15%
2427MHz	-5.12	15%
2428MHz	-4.99	15%
2429MHz	-4.88	15%
2430MHz	-4.77	15%
2431MHz	-4.67	15%
2432MHz	-4.59	15%
2433MHz	-4.52	15%
2434MHz	-4.49	15%
2435MHz	-4.52	15%
2436MHz	-4.52	15%
2437MHz	-4.53	15%
2438MHz	-4.56	15%
2439MHz	-4.60	15%
2440MHz	-4.65	15%
2441MHz	-4.73	15%
2442MHz	-4.82	15%
2443MHz	-4.92	15%
2444MHz	-5.04	15%
2445MHz	-5.12	14%
2446MHz	-5.27	14%
2447MHz	-5.42	14%
2448MHz	-5.46	14%
2449MHz	-5.45	14%
2450MHz	-5.45	14%
2451MHz	-5.46	14%
2452MHz	-5.46	14%
2453MHz	-5.48	14%

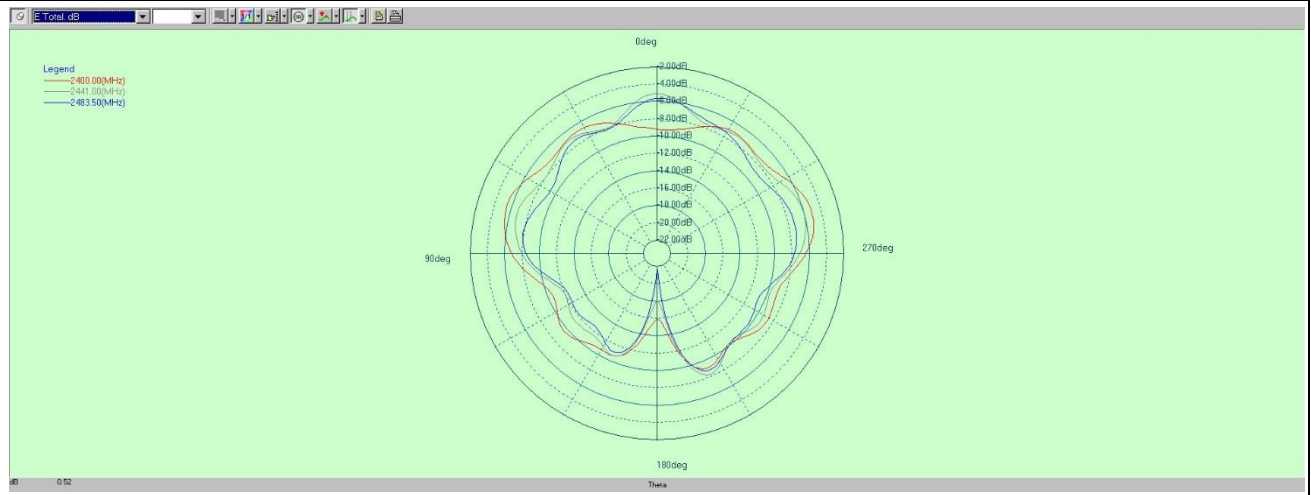
2454MHz	-5.49	14%
2455MHz	-5.59	13%
2456MHz	-5.60	13%
2457MHz	-5.60	13%
2458MHz	-5.60	13%
2459MHz	-5.61	13%
2460MHz	-5.62	13%
2461MHz	-5.63	13%
2462MHz	-5.66	13%
2463MHz	-5.67	13%
2464MHz	-5.68	13%
2465MHz	-5.68	13%
2466MHz	-5.70	13%
2467MHz	-5.70	13%
2468MHz	-5.71	13%
2469MHz	-5.72	13%
2470MHz	-5.73	13%
2471MHz	-5.74	13%
2472MHz	-5.74	13%
2473MHz	-5.74	13%
2474MHz	-5.73	13%
2475MHz	-5.73	13%
2476MHz	-5.71	13%
2477MHz	-5.70	13%
2478MHz	-5.63	13%
2479MHz	-5.57	13%
2480MHz	-5.52	13%
2481MHz	-5.48	13%
2482MHz	-5.46	13%
2483MHz	-5.46	13%
2483.5MHz	-5.47	13%

Radiation Pattern

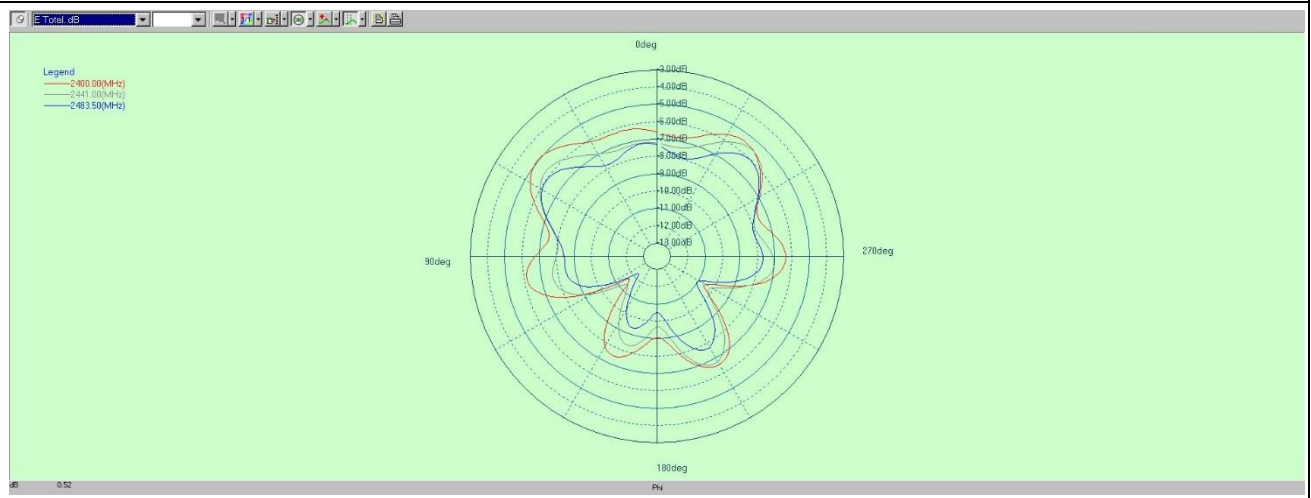
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PHI=90



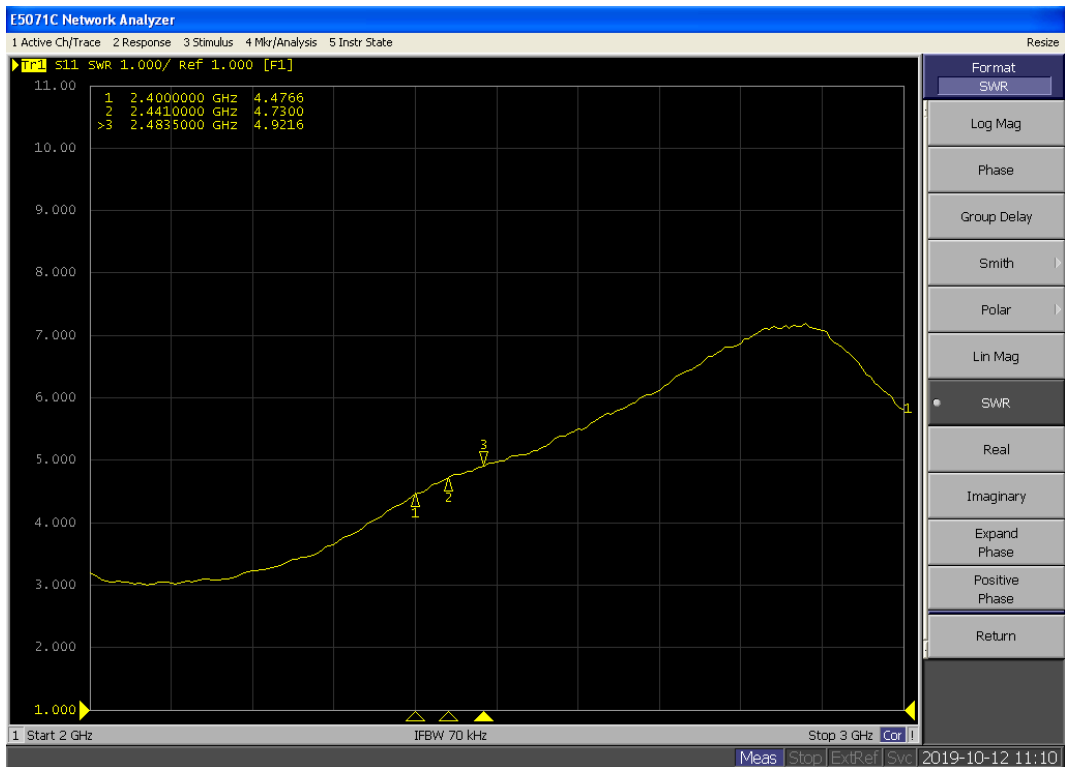
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Eddiciency & Gain



SWR



Test setup

