

vSensPro

Antenna Specifications



Making Factories Smarter

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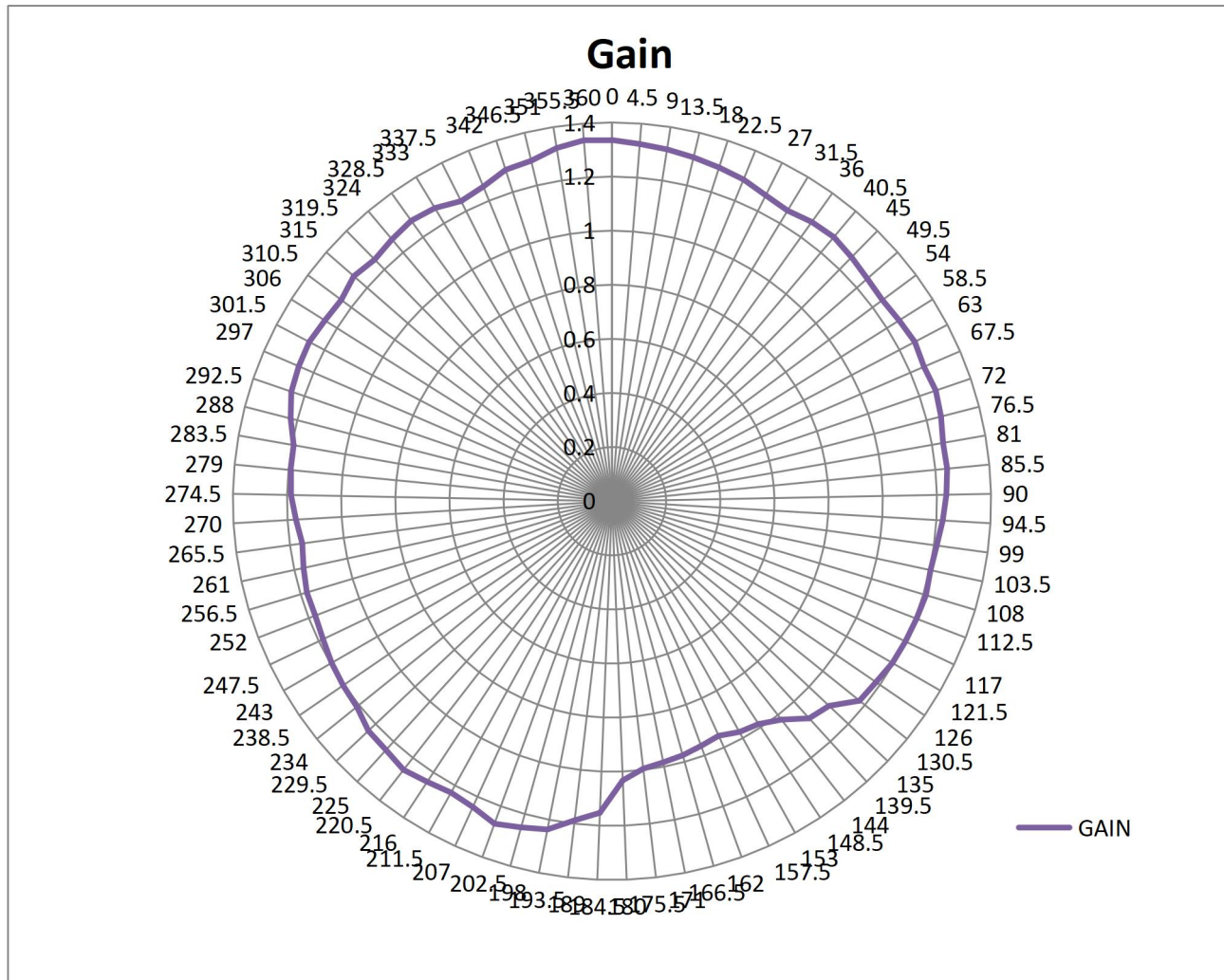
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1. Product E-Plane Pattern 2.4 GHz

SI No.	Frequency (GHz)	Angle (°)	S21 (dB)	Gain (dB)
1	2.45	0	-32.4948	1.3352
2	2.45	4.5	-32.6155	1.3245
3	2.45	9	-33.0835	1.3165
4	2.45	13.5	-33.7136	1.3064
5	2.45	18	-34.3444	1.2956
6	2.45	22.5	-34.8553	1.2847
7	2.45	27	-35.2747	1.2653
8	2.45	31.5	-35.6552	1.2548
9	2.45	36	-35.9911	1.2689
10	2.45	40.5	-36.8152	1.2748
11	2.45	45	-37.8265	1.2635
12	2.45	49.5	-38.5486	1.2514
13	2.45	54	-39.4849	1.2451
14	2.45	58.5	-40.5264	1.2536
15	2.45	63	-41.6461	1.2639
16	2.45	67.5	-42.1152	1.2548
17	2.45	72	-42.4362	1.2638
18	2.45	76.5	-43.9152	1.2548
19	2.45	81	-44.3985	1.2415
20	2.45	85.5	-45.0464	1.2436
21	2.45	90	-46.1949	1.2351
22	2.45	94.5	-45.8465	1.2235
23	2.45	99	-45.9796	1.2104
24	2.45	103.5	-46.7565	1.2035
25	2.45	108	-46.5796	1.2104
26	2.45	112.5	-46.1345	1.2055
27	2.45	117	-46.8688	1.2012
28	2.45	121.5	-48.6942	1.1958
29	2.45	126	-50.0176	1.1824
30	2.45	130.5	-50.1755	1.1745
31	2.45	135	-50.3778	1.1022
32	2.45	139.5	-49.2764	1.0836
33	2.45	144	-47.6085	1.0215
34	2.45	148.5	-48.1044	0.9856
35	2.45	153	-49.7858	0.9742
36	2.45	157.5	-51.4877	0.9523

37	2.45	162	-53.1476	0.9624
38	2.45	166.5	-55.8852	0.9748
39	2.45	171	-55.9864	0.9836
40	2.45	175.5	-53.6046	0.9954
41	2.45	180	-52.6274	1.0326
42	2.45	184.5	-54.8674	1.1526
43	2.45	189	-58.4025	1.1875
44	2.45	193.5	-59.9735	1.2365
45	2.45	198	-55.3986	1.2514
46	2.45	202.5	-53.3314	1.2686
47	2.45	207	-52.4785	1.2415
48	2.45	211.5	-52.0299	1.2301
49	2.45	216	-50.8285	1.2415
50	2.45	220.5	-49.6637	1.2563
51	2.45	225	-49.9582	1.2418
52	2.45	229.5	-50.0435	1.2365
53	2.45	234	-50.8896	1.2104
54	2.45	238.5	-50.2362	1.2038
55	2.45	243	-48.4346	1.1954
56	2.45	247.5	-46.8974	1.1826
57	2.45	252	-47.1955	1.1745
58	2.45	256.5	-46.9138	1.1762
59	2.45	261	-46.3447	1.1653
60	2.45	265.5	-46.2458	1.1542
61	2.45	270	-46.1711	1.1689
62	2.45	274.5	-46.0946	1.1854
63	2.45	279	-45.6776	1.1924
64	2.45	283.5	-44.2665	1.1935
65	2.45	288	-43.3246	1.2254
66	2.45	292.5	-42.7186	1.2514
67	2.45	297	-42.3504	1.2596
68	2.45	301.5	-41.8665	1.2635
69	2.45	306	-41.0769	1.2531
70	2.45	310.5	-39.5537	1.2463
71	2.45	315	-37.8647	1.2653
72	2.45	319.5	-36.8486	1.2514
73	2.45	324	-36.6362	1.2638
74	2.45	328.5	-36.3552	1.2748
75	2.45	333	-35.8142	1.2658
76	2.45	337.5	-35.2585	1.2415

77	2.45	342	-34.7337	1.2563
78	2.45	346.5	-34.1635	1.2865
79	2.45	351	-33.5365	1.2935
80	2.45	355.5	-32.9285	1.3215
81	2.45	360	-32.5116	1.3384



2. Product H-Plane Pattern 2.4 GHz

Sl No.	Frequency (GHz)	Angle (f°)	S21 (dB)	Gain (dB)
1	2.45	0	-32.2485	1.3215
2	2.45	4.5	-32.2575	1.3125
3	2.45	9	-32.7542	1.2958
4	2.45	13.5	-33.6555	1.2845
5	2.45	18	-34.8835	1.2765
6	2.45	22.5	-36.4965	1.2635
7	2.45	27	-38.4459	1.2541
8	2.45	31.5	-40.4896	1.2104
9	2.45	36	-42.8946	0.9754
10	2.45	40.5	-45.0785	0.9215
11	2.45	45	-46.4648	0.8452
12	2.45	49.5	-47.0749	0.7451
13	2.45	54	-47.6547	0.6253
14	2.45	58.5	-48.1748	0.4152
15	2.45	63	-48.8648	0.3652
16	2.45	67.5	-49.4636	0.2564
17	2.45	72	-49.3535	0.2365
18	2.45	76.5	-48.7146	0.2154
19	2.45	81	-49.8746	0.1854
20	2.45	85.5	-52.9975	0.1325
21	2.45	90	-54.9515	0.1285
22	2.45	94.5	-55.0474	0.1526
23	2.45	99	-54.7144	0.2356
24	2.45	103.5	-54.0648	0.3152
25	2.45	108	-55.4485	0.3215
26	2.45	112.5	-57.1375	0.3625
27	2.45	117	-54.6752	0.3748
28	2.45	121.5	-53.4445	0.3955
29	2.45	126	-53.1285	0.4215
30	2.45	130.5	-51.4186	0.5214
31	2.45	135	-50.9276	0.6124
32	2.45	139.5	-51.9868	0.6532
33	2.45	144	-51.3668	0.6632
34	2.45	148.5	-51.1553	0.6847
35	2.45	153	-53.4558	0.7142
36	2.45	157.5	-56.8065	0.7235

37	2.45	162	-56.8735	0.7365
38	2.45	166.5	-56.4155	0.7845
39	2.45	171	-55.4958	0.8142
40	2.45	175.5	-55.5738	0.8562
41	2.45	180	-58.2675	0.8325
42	2.45	184.5	-62.4386	0.8214
43	2.45	189	-66.9455	0.7845
44	2.45	193.5	-66.2749	0.7251
45	2.45	198	-60.7575	0.6325
46	2.45	202.5	-57.8286	0.5214
47	2.45	207	-57.4474	0.5326
48	2.45	211.5	-55.3675	0.6124
49	2.45	216	-53.7475	0.6325
50	2.45	220.5	-54.0852	0.6748
51	2.45	225	-55.9285	0.7215
52	2.45	229.5	-54.1642	0.6958
53	2.45	234	-52.3055	0.6745
54	2.45	238.5	-52.8375	0.6325
55	2.45	243	-53.2275	0.6125
56	2.45	247.5	-53.8752	0.5748
57	2.45	252	-54.5438	0.5462
58	2.45	256.5	-54.2085	0.5215
59	2.45	261	-53.9248	0.4152
60	2.45	265.5	-56.6785	0.4215
61	2.45	270	-54.9344	0.3856
62	2.45	274.5	-51.8085	0.3415
63	2.45	279	-51.2085	0.3215
64	2.45	283.5	-50.3259	0.2541
65	2.45	288	-49.0232	0.3268
66	2.45	292.5	-48.5548	0.4152
67	2.45	297	-47.6886	0.5214
68	2.45	301.5	-48.3347	0.6253
69	2.45	306	-49.4552	0.7548
70	2.45	310.5	-48.6826	0.8574
71	2.45	315	-46.7248	0.9352
72	2.45	319.5	-45.2714	0.9586
73	2.45	324	-44.1346	1.0254
74	2.45	328.5	-42.4474	1.1526
75	2.45	333	-40.4785	1.2415
76	2.45	337.5	-38.5246	1.2654

77	2.45	342	-36.6405	1.2895
78	2.45	346.5	-34.9898	1.3102
79	2.45	351	-33.6411	1.3389
80	2.45	355.5	-32.7538	1.3362
81	2.45	360	-32.2835	1.3265

