



PAS2-DZT

Antenna specification



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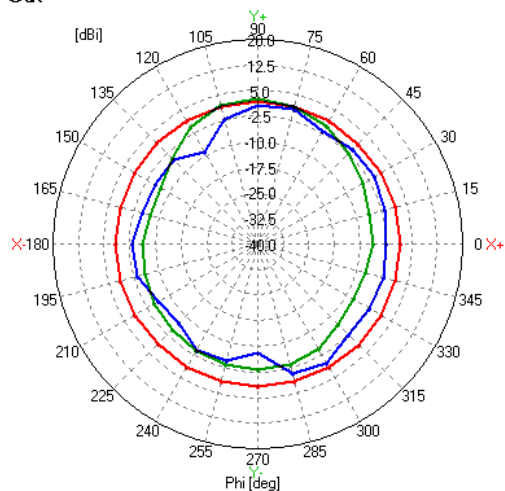
1. Measurement Agency: Korea Radio Promotion Association (RAPA)
2. Measurement Equipment: ZNA26, Vector Network Analyzers, Far-field 7m
3. Antenna Type: PCB Pattern Antenna

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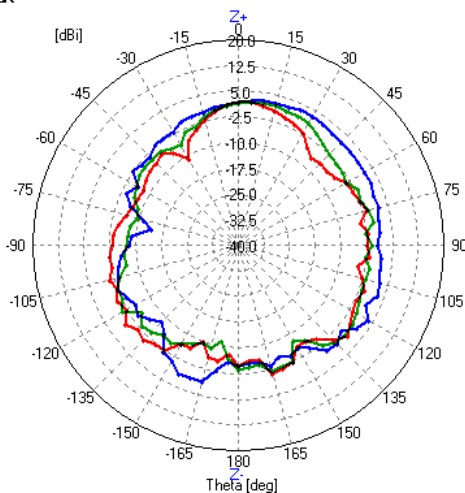
4. Passive gain measurement

No.	Freq.	Eff.[%]	Avg.[dBi]	Peak[dBi]	Theta[deg]	Phi[deg]	H(Theta=90)	Avg.[dBi]	Peak[dBi]	Phi[deg]	BW[deg]	E1(Phi=0)	Avg.[dBi]	Peak[dBi]	Theta[deg]	BW[deg]	E2(Phi=90)	Avg.[dBi]	Peak[dBi]	Theta[deg]	BW[deg]
1	300	0	-54.3	-50.65	-75	15	-53.51	-50.98	180	202.22	-54.31	-50.87	-85	81.1	-55.1	-52.17	-65	120.29			
2	900	0.07	-31.53	-25.36	120	0	-31.07	-27.28	330	133.59	-31.29	-25.36	120	40.71	-32.38	-28.35	125	22.19			
3	2400	12.06	-9.19	-3.91	135	0	-9.53	-6.56	240	128.17	-9.65	-3.91	135	19.89	-8.75	-5.02	-65	35.54			
4	2700	25	-6.02	-0.1	-145	165	-4.7	-2.31	195	167.66	-6.97	-0.24	145	20.35	-5.53	-1.63	-80	64.8			
5	3994	81.96	-0.86	5.43	-95	135	0.51	5.04	315	109.22	-1.64	3.92	160	14.4	-2.61	1.73	-160	83.29			
6	4493	88.88	-0.51	5.5	-100	120	0.5	3.57	300	111.55	-1.81	4.04	160	22.14	-1.47	3.48	125	36.87			
7	4800	76.94	-1.14	4.07	130	105	-0.21	1.53	285	271.77	-2.11	2.49	160	26.3	-1.79	3.53	160	59.15			
8	6000	73.69	-1.33	4.25	120	150	-1.37	2.53	315	44.08	-2.23	2.14	125	12.8	-1.26	3.57	115	11.33			
9	6240	67.95	-1.68	3.84	105	90	-2.91	1.79	300	34.39	-2.82	2.06	125	17.58	-1.15	3.84	105	24.48			
10	6490	68.59	-1.64	3.68	120	90	-2.42	0.94	75	100.2	-2.59	1.95	0	37.1	-0.01	3.68	120	139.69			
11	6740	81.07	-0.91	5.42	35	90	-1.32	3.2	90	40.23	-1.9	3.39	5	38.59	1.01	5.42	35	119.42			
12	7738	57.05	-2.44	3.23	50	105	-4.3	1.26	45	39.87	-4.05	0.54	-10	59.37	-1.3	2.91	50	67.44			
13	7987	62.61	-2.03	3.62	55	105	-3.46	1.66	45	41.43	-3.34	0.68	-10	58.79	-1.1	2.82	55	86.04			
14	8237	70.5	-1.52	3.62	45	105	-2.58	1.83	60	83.39	-2.5	1.21	-15	55.8	-0.58	2.88	60	88.22			
15	10200	75.35	-1.23	4.29	75	15	-1.56	3.29	15	48.38	-0.46	3.77	115	22.31	-0.74	3.14	65	70.18			
16	12980	16.26	-7.89	-1.46	70	15	-6.74	-2.59	15	98.74	-6.75	-1.69	65	56.14	-9.2	-5.86	-10	63.91			
17	15957	20.7	-6.84	0.89	80	60	-7.75	-3.78	240	10.17	-7.35	-1.91	60	33.34	-7.92	-3.06	-170	14.5			
18	18000	25.62	-5.91	1.21	45	15	-5.89	-2.71	300	46.91	-6.44	-0.84	45	8.74	-6.01	-1.08	-135	19.26			

Phi-Cut



Theta-Cut



6490.000MHz

