

Antenna Test Report (Passive-BW)

180度磨菇天

Date:

11/5/2024

5.8-6.2GHz

Test Point ID	Freq. (MHz)	TRP (dBm)	Gain (dBi)	Directivity (dBi)	Efficiency (%)	Efficiency (dB)	Max (dBm)	Theta of Max	Phi of Max	Min (dBm)	Theta of Min	Phi of Min	AVG (dBm)	Max/Min (dB)	Max/AVG (dB)	Min/AVG (dB)
1	6000.0	6000.00	1.70	3.65	63.9%	-1.95	1.70	120	270	-17.87	0	60	-2.81	19.57	4.51	-15.06
2	6005.0	6005.00	1.74	3.70	63.6%	-1.97	1.74	120	270	-18.39	0	60	-2.84	20.13	4.57	-15.56
3	6010.0	6010.00	1.30	3.56	59.5%	-2.25	1.30	120	270	-18.64	0	60	-3.12	19.94	4.42	-15.52
4	6015.0	6015.00	1.24	3.49	59.6%	-2.25	1.24	120	270	-19.99	0	60	-3.12	21.23	4.36	-16.87
5	6020.0	6020.00	1.14	3.46	58.6%	-2.32	1.14	120	270	-20.66	0	60	-3.19	21.81	4.33	-17.48
6	6025.0	6025.00	1.14	3.46	58.6%	-2.32	1.14	120	270	-22.25	0	60	-3.17	23.39	4.32	-19.07
7	6030.0	6030.00	1.02	3.38	58.1%	-2.36	1.02	120	270	-21.84	0	60	-3.20	22.87	4.23	-18.64
8	6035.0	6035.00	1.13	3.37	59.7%	-2.24	1.13	120	300	-21.65	0	60	-3.08	22.78	4.21	-18.57
9	6040.0	6040.00	1.34	3.46	61.4%	-2.12	1.34	120	300	-21.55	0	60	-2.95	22.89	4.29	-18.61
10	6045.0	6045.00	1.17	3.42	59.6%	-2.25	1.17	120	300	-21.47	0	60	-3.08	22.65	4.25	-18.39
11	6050.0	6050.00	0.98	3.37	57.6%	-2.40	0.98	120	300	-22.63	0	60	-3.23	23.61	4.21	-19.40
12	6055.0	6055.00	0.86	3.51	54.4%	-2.65	0.86	120	300	-22.26	0	60	-3.48	23.12	4.34	-18.78
13	6060.0	6060.00	0.60	3.42	52.2%	-2.82	0.60	120	300	-23.18	0	60	-3.67	23.78	4.27	-19.51
14	6065.0	6065.00	0.62	3.42	52.4%	-2.81	0.62	120	300	-22.68	0	60	-3.65	23.30	4.27	-19.03
15	6070.0	6070.00	1.03	3.47	57.0%	-2.44	1.03	120	300	-21.84	0	60	-3.29	22.87	4.31	-18.56
16	6075.0	6075.00	1.50	3.60	61.7%	-2.10	1.50	120	300	-22.25	0	60	-2.95	23.75	4.45	-19.30
17	6080.0	6080.00	1.50	3.54	62.5%	-2.04	1.50	120	300	-23.21	0	90	-2.89	24.71	4.39	-20.32
18	6085.0	6085.00	1.55	3.62	62.1%	-2.07	1.55	120	300	-24.78	0	90	-2.93	26.33	4.49	-21.84
19	6090.0	6090.00	1.55	3.65	61.6%	-2.10	1.55	120	300	-24.20	0	90	-2.97	25.75	4.51	-21.23
20	6095.0	6095.00	1.61	3.75	61.0%	-2.14	1.61	120	300	-25.50	0	90	-3.01	27.11	4.62	-22.49
21	6100.0	6100.00	1.52	3.73	60.1%	-2.21	1.52	120	300	-23.76	0	90	-3.08	25.28	4.60	-20.68
22	6105.0	6105.00	1.41	3.71	58.8%	-2.30	1.41	120	300	-23.60	0	90	-3.17	25.01	4.58	-20.43
23	6110.0	6110.00	1.56	3.72	60.8%	-2.16	1.56	120	300	-24.44	0	90	-3.04	25.99	4.60	-21.40
24	6115.0	6115.00	1.81	3.72	64.5%	-1.90	1.81	120	300	-21.47	0	90	-2.78	23.28	4.59	-18.69
25	6120.0	6120.00	2.03	3.73	67.6%	-1.70	2.03	120	300	-21.83	0	90	-2.58	23.86	4.61	-19.25
26	6125.0	6125.00	2.05	3.76	67.5%	-1.71	2.05	120	300	-20.39	0	90	-2.59	22.44	4.64	-17.80
27	6130.0	6130.00	2.06	3.67	69.0%	-1.61	2.06	120	300	-19.62	0	90	-2.49	21.68	4.55	-17.13
28	6135.0	6135.00	2.16	3.63	71.3%	-1.47	2.16	120	300	-19.68	0	90	-2.35	21.84	4.50	-17.33
29	6140.0	6140.00	2.01	3.65	68.5%	-1.64	2.01	120	300	-18.04	0	120	-2.53	20.05	4.54	-15.52
30	6145.0	6145.00	1.77	3.59	65.7%	-1.82	1.77	120	300	-18.41	0	90	-2.70	20.18	4.47	-15.71
31	6150.0	6150.00	1.58	3.49	64.4%	-1.91	1.58	120	300	-18.30	0	120	-2.80	19.88	4.37	-15.50
32	6155.0	6155.00	1.55	3.41	65.3%	-1.85	1.55	120	300	-18.94	0	120	-2.74	20.49	4.29	-16.20
33	6160.0	6160.00	1.59	3.43	65.4%	-1.84	1.59	120	300	-18.19	0	120	-2.74	19.77	4.32	-15.45
34	6165.0	6165.00	1.70	3.40	67.6%	-1.70	1.70	120	300	-18.27	0	120	-2.59	19.97	4.29	-15.68
35	6170.0	6170.00	1.83	3.29	71.4%	-1.46	1.83	120	300	-19.25	0	120	-2.35	21.08	4.18	-16.91
36	6175.0	6175.00	1.81	3.21	72.4%	-1.40	1.81	120	300	-19.16	0	120	-2.30	20.97	4.10	-16.87
37	6180.0	6180.00	1.50	3.14	68.6%	-1.64	1.50	120	300	-19.37	0	120	-2.53	20.87	4.03	-16.84
38	6185.0	6185.00	1.30	3.13	65.6%	-1.83	1.30	120	300	-19.36	0	120	-2.73	20.66	4.03	-16.63
39	6190.0	6190.00	1.00	2.98	63.4%	-1.98	1.00	120	300	-20.61	0	120	-2.88	21.61	3.88	-17.73
40	6195.0	6195.00	1.10	2.97	65.0%	-1.87	1.10	120	300	-19.77	0	120	-2.77	20.87	3.87	-17.00
41	6200.0	6200.00	0.91	2.98	62.0%	-2.07	0.91	120	300	-21.35	0	120	-2.98	22.25	3.89	-18.37

