

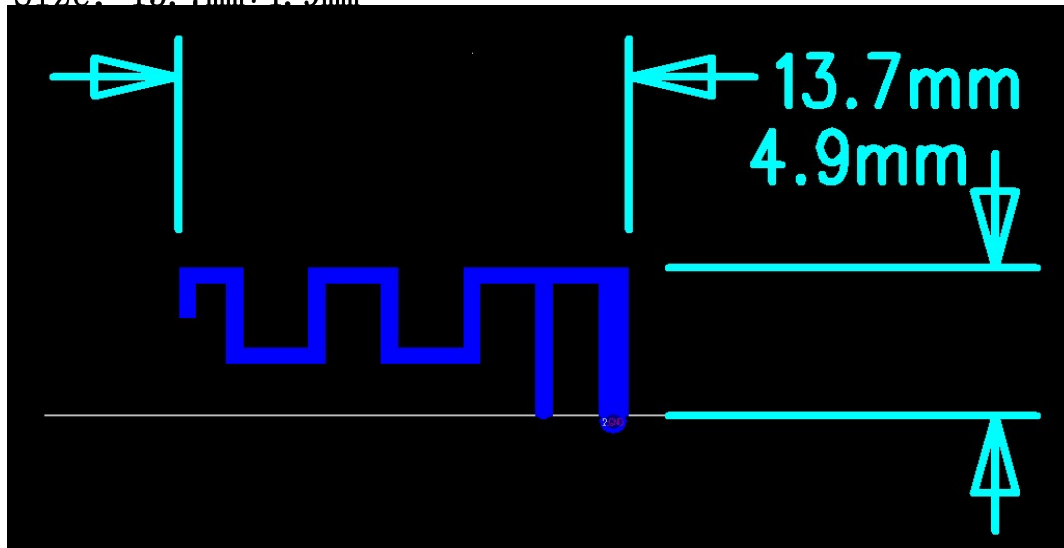
Antena Frequency: 2.4G~2.5G

Model : NR1



Antenna type: on-board F-shaped antenna

Size: 13.7mm*4.9mm



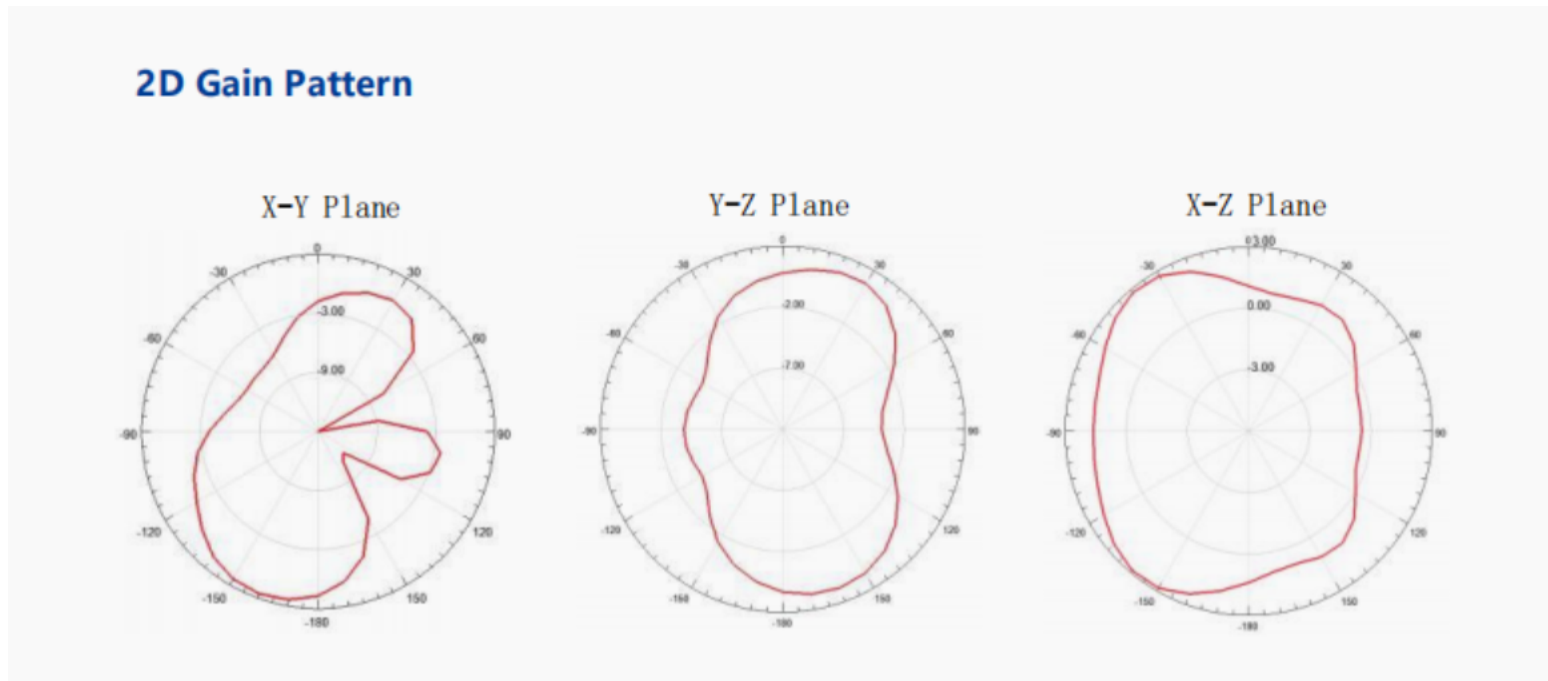
Mobile Station OTA Receiver Performance

infomation

Start Time	#####
Finish Time	#####
Lab Name	Max860
Operator	ATEN
Project Number	20240329
Manufacturer	BT
Model Name	PASSIVE2.4G
Hardware Verson	1
Software Verson	3.6.1 Beta
Test Condition	Free Space
Temperature	N/A
Humidity	N/A
Note	N/A

Test List

- 2.4GHz
- 2.41GHz
- 2.42GHz
- 2.43GHz
- 2.44GHz
- 2.45GHz
- 2.46GHz
- 2.47GHz
- 2.48GHz
- 2.49GHz
- 2.5GHz



Frequency	2.4GHz	2.41GHz	2.42GHz	2.43GHz	2.44GHz	2.45GHz	2.46GHz	2.47GHz	2.48GHz	2.49GHz	2.5GHz
Horizontal+Vertical											
Ant. Port Inp. Pow. (dBi)	0	0	0	0	0	0	0	0	0	0	0
Rad. Pow. (dBi)	-3.8	-4.02	-4.09	-4.31	-4.49	-4.6	-4.84	-4.97	-5.05	-5.14	-5.27
Rad. Pow. 0-90 (dBi)	-7.25	-7.45	-7.51	-7.69	-7.87	-7.96	-8.19	-8.33	-8.44	-8.56	-8.69
Rad. Pow. 90-180 (dBi)	-6.41	-6.64	-6.73	-6.97	-7.15	-7.29	-7.53	-7.65	-7.71	-7.78	-7.91
Peak EIRP (dBi)	2.71	2.56	2.57	2.43	2.31	2.23	2.03	1.95	1.88	1.89	1.76
Directivity (dBi)	6.51	6.58	6.66	6.74	6.8	6.83	6.87	6.92	6.93	7.03	7.03
Efficiency (dB)	-3.8	-4.02	-4.09	-4.31	-4.49	-4.6	-4.84	-4.97	-5.05	-5.14	-5.27
Efficiency (%)	41.69	39.63	38.99	37.07	35.56	34.67	32.81	31.84	31.26	30.62	29.72
Gain (dBi)	2.71	2.56	2.57	2.43	2.31	2.23	2.03	1.95	1.88	1.89	1.76
NHPRP +/-30 (dBi)	-7.32	-7.5	-7.54	-7.69	-7.83	-7.9	-8.07	-8.19	-8.27	-8.38	-8.5
NHPRP +/-45 (dBi)	-5.72	-5.9	-5.95	-6.1	-6.26	-6.35	-6.56	-6.68	-6.78	-6.87	-6.99
Maximum H+V Value (dBi)	2.71	2.56	2.57	2.43	2.31	2.23	2.03	1.95	1.88	1.89	1.76
Maximum H+V @ Theta (deg.)	120	120	120	120	120	120	120	120	120	120	120
Maximum H+V @ Phi (deg.)	180	180	180	180	180	180	180	180	180	180	180
Minimum H+V Value (dBi)	-15.08	-15.26	-15.25	-15.31	-15.61	-16.36	-17.21	-18.34	-19.43	-20.89	-22.24
Minimum H+V @ Theta (deg.)	90	90	90	90	90	90	90	90	90	90	90
Minimum H+V @ Phi (deg.)	240	240	240	240	330	330	330	330	330	330	330
Horizontal											
Ant. Port Inp. Pow. (dBi)	0	0	0	0	0	0	0	0	0	0	0
H Rad. Pow. (dBi)	-6.27	-6.45	-6.5	-6.68	-6.83	-6.94	-7.16	-7.32	-7.41	-7.53	-7.7
H Rad. Pow. 0-90 (dBi)	-8.81	-8.96	-8.99	-9.19	-9.37	-9.46	-9.68	-9.85	-9.97	-10.12	-10.31
H Rad. Pow. 90-180 (dBi)	-9.82	-10.04	-10.1	-10.25	-10.38	-10.5	-10.73	-10.85	-10.91	-11	-11.15
H Peak EIRP (dBi)	1.83	1.67	1.69	1.66	1.54	1.37	1.21	1.03	0.98	0.81	0.68
H Directivity (dBi)	8.1	8.12	8.19	8.34	8.37	8.31	8.37	8.35	8.39	8.34	8.38
H Efficiency (dB)	-6.27	-6.45	-6.5	-6.68	-6.83	-6.94	-7.16	-7.32	-7.41	-7.53	-7.7
H Efficiency (%)	23.6	22.65	22.39	21.48	20.75	20.23	19.23	18.54	18.16	17.66	16.98
H Gain (dBi)	1.83	1.67	1.69	1.66	1.54	1.37	1.21	1.03	0.98	0.81	0.68
H NHPRP +/-30 (dBi)	-8.5	-8.65	-8.67	-8.81	-8.95	-9.02	-9.18	-9.33	-9.43	-9.59	-9.75
H NHPRP +/-45 (dBi)	-7.43	-7.57	-7.59	-7.73	-7.88	-7.97	-8.15	-8.31	-8.42	-8.56	-8.73
Maximum H Value (dBi)	1.83	1.67	1.69	1.66	1.54	1.37	1.21	1.03	0.98	0.81	0.68

