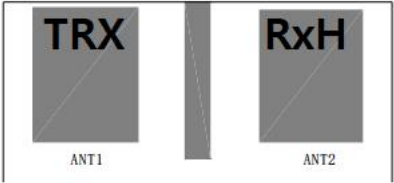


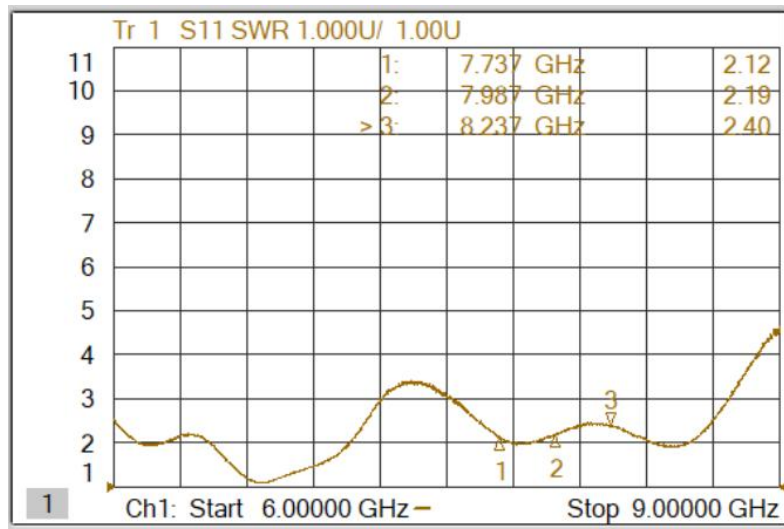
Antenna Information

Item	Contents
Module Name	U05N250A
Applications	UWB
Antenna Type	PCB Antenna
Manufacturer	Huizhou Gaoshengda Technology Co., Ltd.
Address of manufacturer	No. 6, Qiaoguang Road, Chenjiang Street, Zhongkai High-tech Zone, Huizhou City, Guangdong Province, China
Test laboratory	Shenzhen Zhongtianxun Technology Co., LTD No. 34 Shilong Avenue, Shiyan Street, Baoan District, Shenzhen
Frequency Range	7737MHz~8237MHz
Antenna peak gain	2.88dBi
Tester	Zhao Feng
Test time	2025.08.08

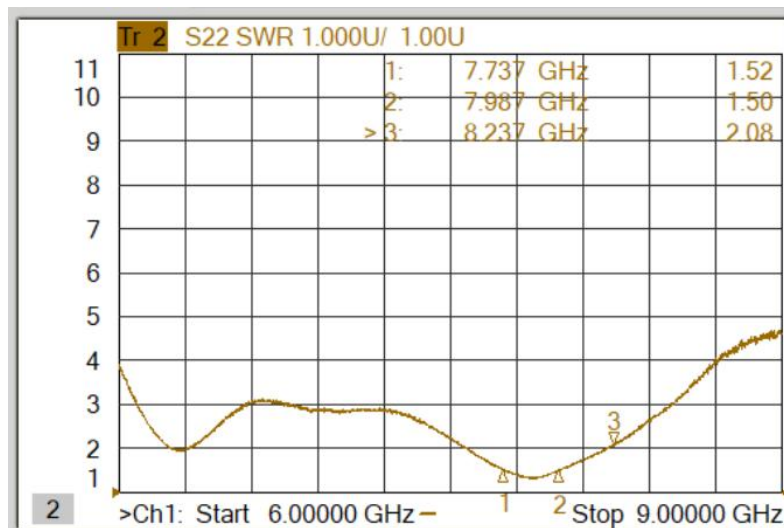
Antenna Picture



Antenna1 (TRX) VSWR



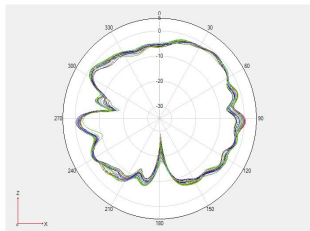
Antenna2 (RXH) VSWR



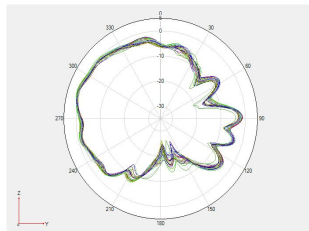
Antenna1 (TRX)			Antenna2 (RXH)		
Frequency/Mhz	Efficiency / %	MaxGain/dBi	Frequency/Mhz	Efficiency / %	MaxGain/dBi
7737	44.57	2.27	7737	45.81	2.14
7747	43.95	2.15	7747	45.39	2.01
7757	42.66	2.11	7757	43.95	1.99
7767	44.77	2.55	7767	45.39	2.42
7777	46.24	2.56	7777	46.34	2.4
7787	48.87	2.58	7787	48.31	2.55
7797	46.77	2.69	7797	46.99	2.56
7807	45.6	2.45	7807	46.24	2.3
7817	43.65	2.61	7817	44.77	2.45
7827	44.67	2.46	7827	45.29	2.41
7837	44.57	2.88	7837	45.19	2.81
7847	45.08	2.33	7847	45.71	2.2
7857	42.95	2.63	7857	43.45	2.54
7867	42.95	2.27	7867	43.85	2.02
7877	44.26	2.8	7877	45.6	2.56
7887	44.57	2.5	7887	45.92	2.34
7897	45.39	2.63	7897	46.88	2.64
7907	43.65	2.38	7907	44.87	2.38
7917	42.85	2.43	7917	43.45	2.44
7927	42.07	2.23	7927	42.95	2.22
7937	42.76	2.1	7937	43.75	2.18
7947	41.59	1.9	7947	42.07	1.96
7957	41.02	1.9	7957	41.69	1.89
7967	39.36	2.14	7967	39.99	2.07
7977	40.55	2.37	7977	41.11	2.22
7987	41.3	2.5	7987	42.27	2.42
7997	41.02	1.35	7997	41.88	1.4
8007	41.59	1.81	8007	42.85	1.79
8017	41.4	1.57	8017	42.27	1.71
8027	40.27	1.62	8027	40.55	1.69
8037	41.21	2.24	8037	41.3	2.05
8047	42.17	2.12	8047	42.66	2.16
8057	44.87	2.46	8057	45.71	2.29
8067	43.65	2.49	8067	44.16	2.43
8077	42.46	2.25	8077	42.95	2.18
8087	40.64	1.97	8087	40.83	2.32
8097	41.5	1.93	8097	41.88	2.17
8107	42.17	1.86	8107	42.56	2.67
8117	43.55	1.97	8117	43.65	2.21
8127	41.4	2.53	8127	41.21	2.56
8137	41.5	1.95	8137	41.21	2.12
8147	42.66	2.09	8147	42.56	2.56
8157	43.55	2.25	8157	43.35	2.37
8167	44.77	1.97	8167	44.26	2.57
8177	43.05	2.18	8177	41.88	2.47
8187	41.5	1.77	8187	40.18	2.43
8197	40.46	1.93	8197	39.9	1.92
8207	41.5	2.08	8207	41.11	2.16
8217	40.83	1.94	8217	40.09	1.98
8227	40.18	2.12	8227	39.17	1.93
8237	38.64	1.91	8237	37.15	1.89

Antenna1 (TRX)

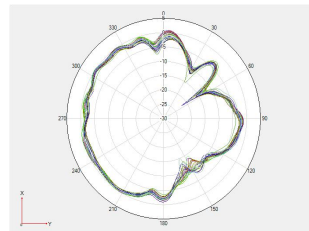
Phi 0 2D



Phi 90 2D

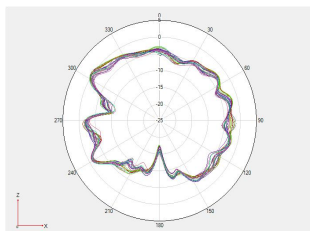


Theta 90

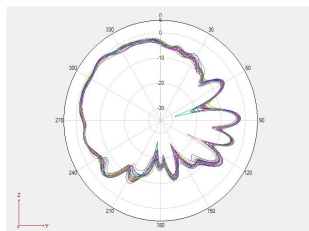


Antenna2 (RXH)

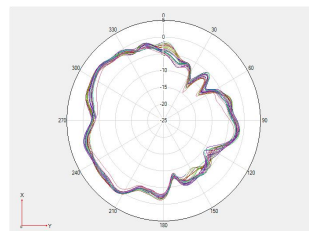
Phi 0 2D



Phi 90 2D

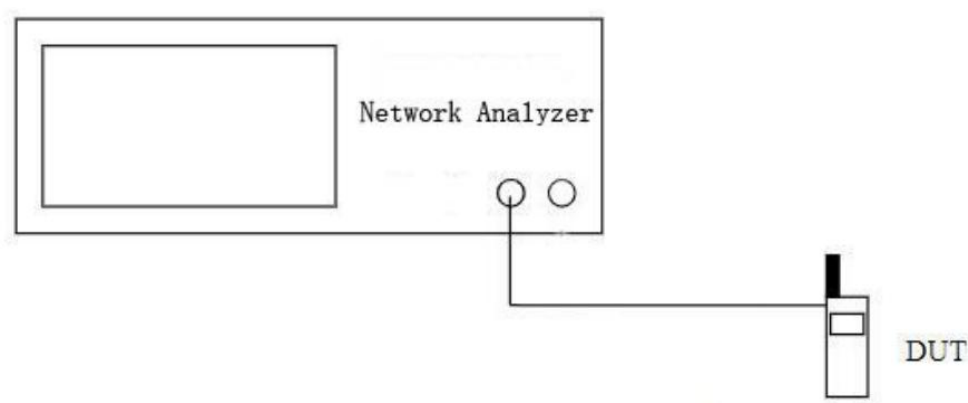


Theta 90



Testing instrument	Manufacturer	Number	S/N	ZCal Date	Effective Date
Network Analyzer	Agilent	E5080B	MY59202000	2025.04.27	2026.04.26

S11 Test Instrument



Efficiency, Gain, Pattern Test Environment

