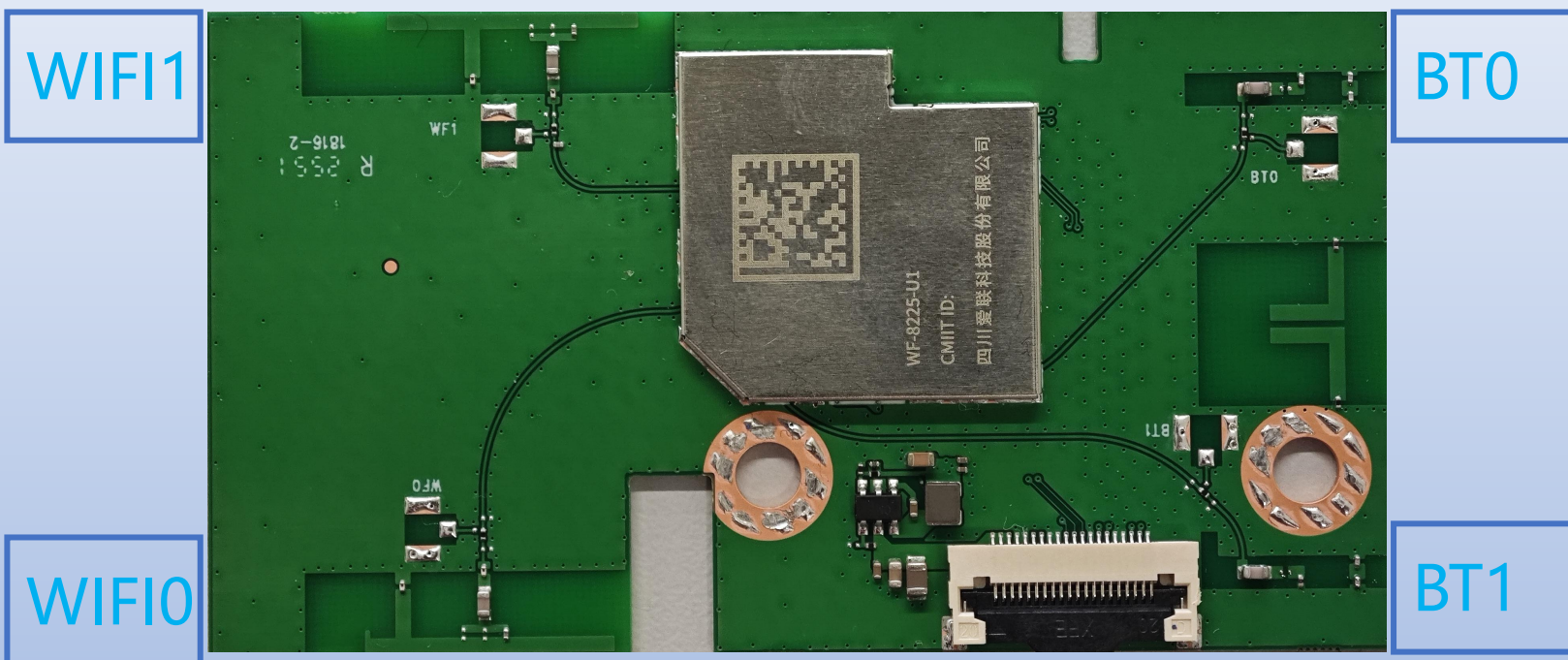


7925 Antenna

Date: 2025. 3. 13



板材



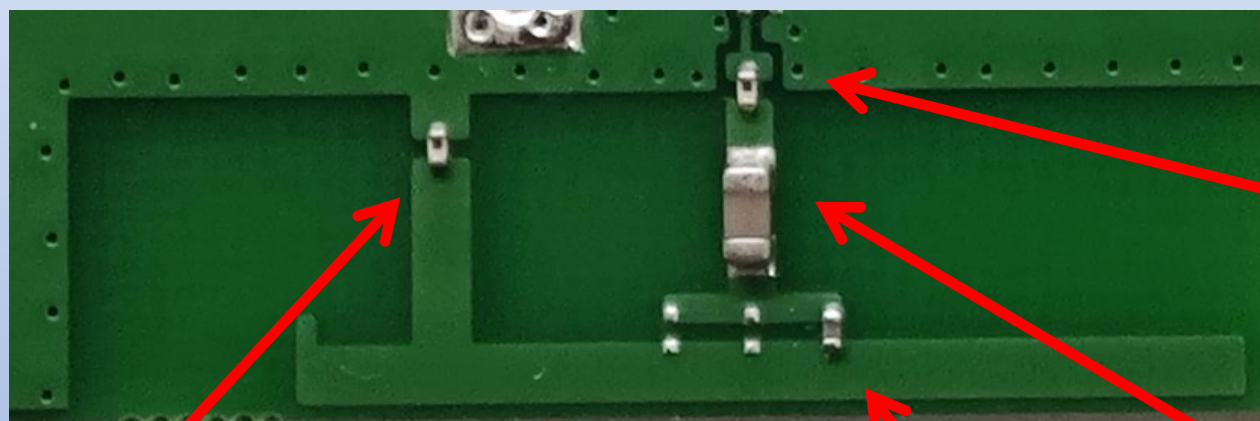
ANTENNA Types: PF Antenna. **ANTENNA Model:** Ceramic Antenna.

ANTENNA SIZE: BT0、BT1 : 12.5 x 2
WIFI0、WIFI1 : 20 x 5

WIFI0、WIFI1都包含WIFI 2.4G、5G和WIFI 6E
BT0、BT1包含2.4G



(RLC) Matching W_0



1.5n

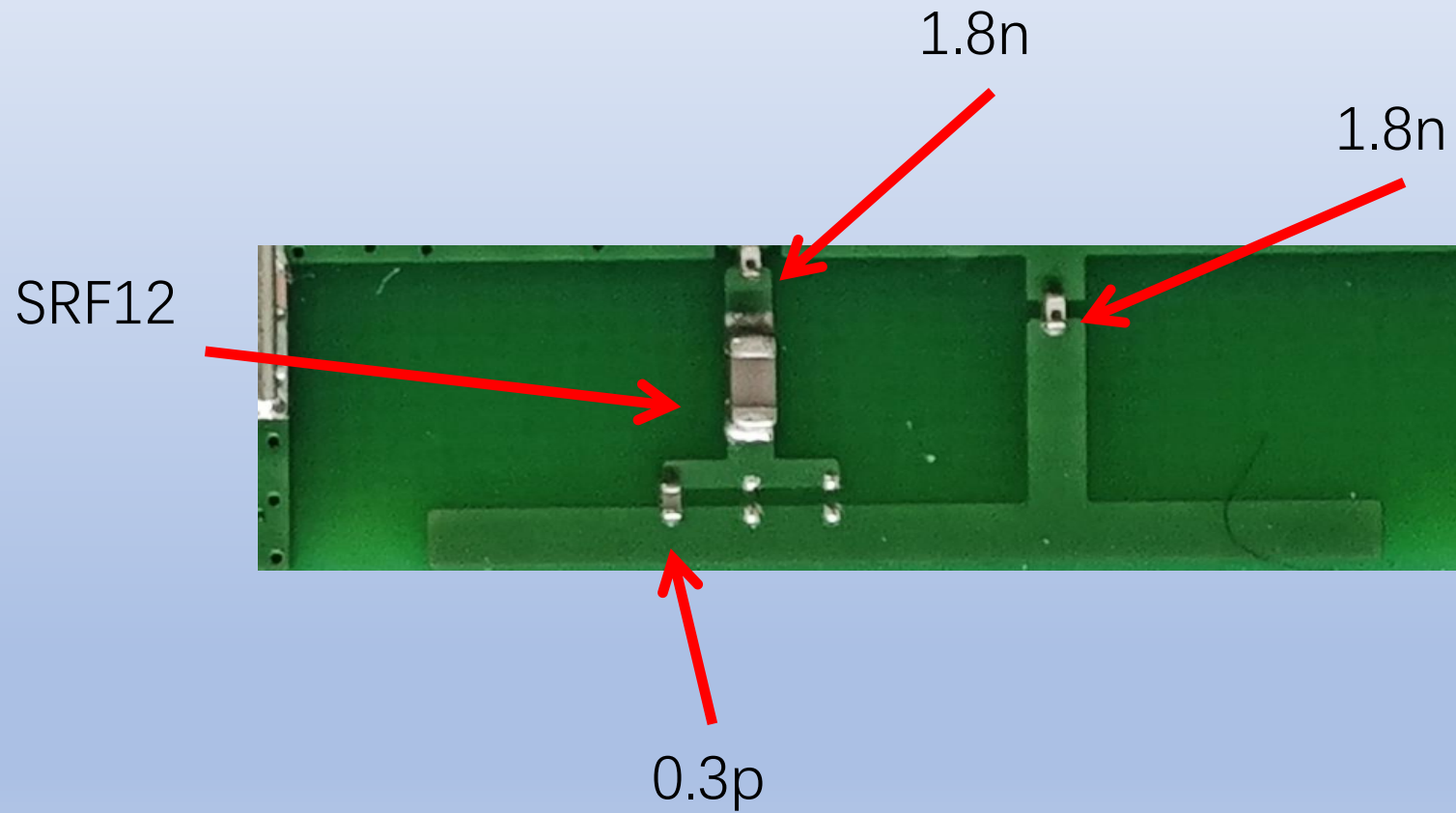
1.5n

SRF12

0.3p

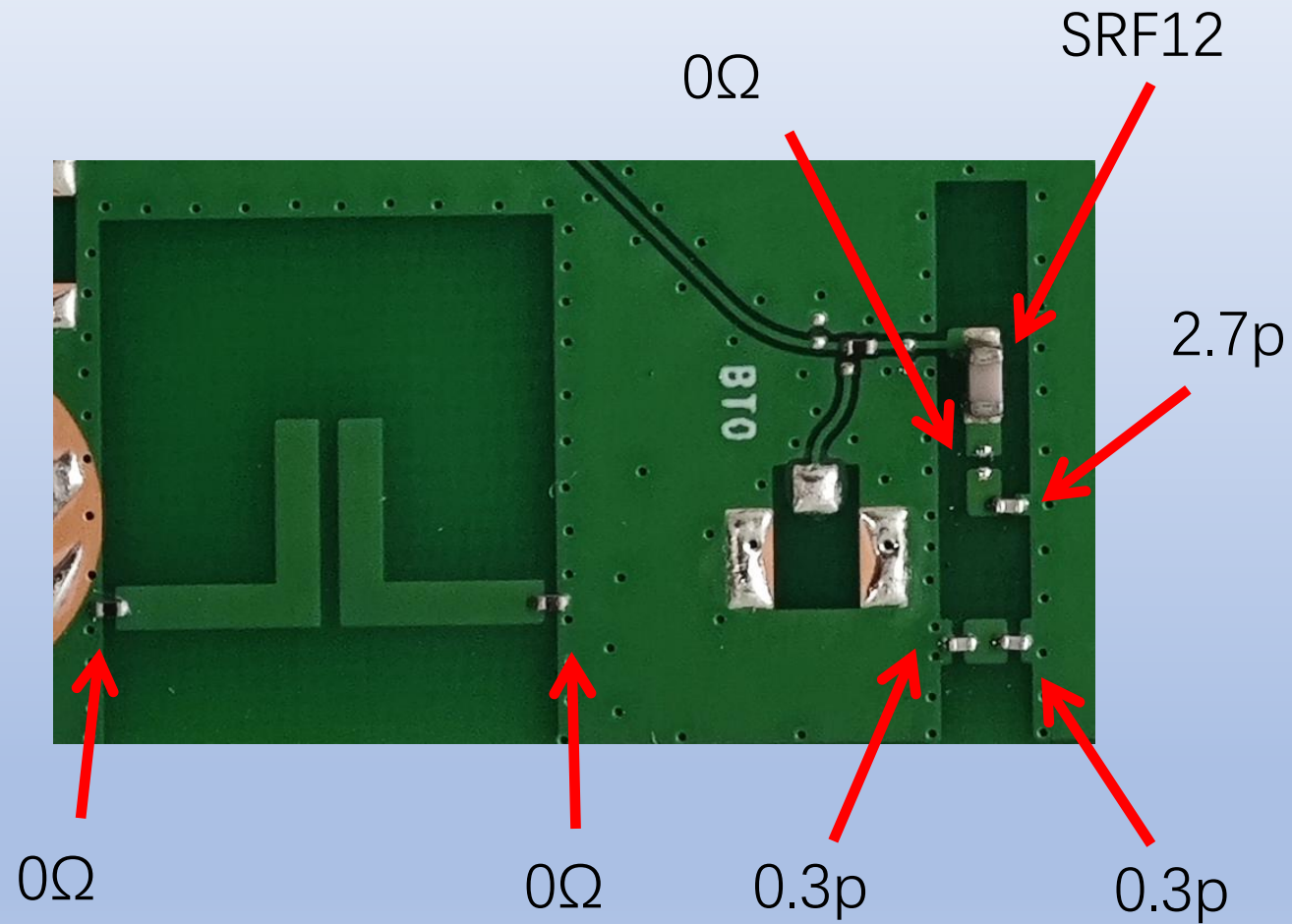


(RLC) Matching W1



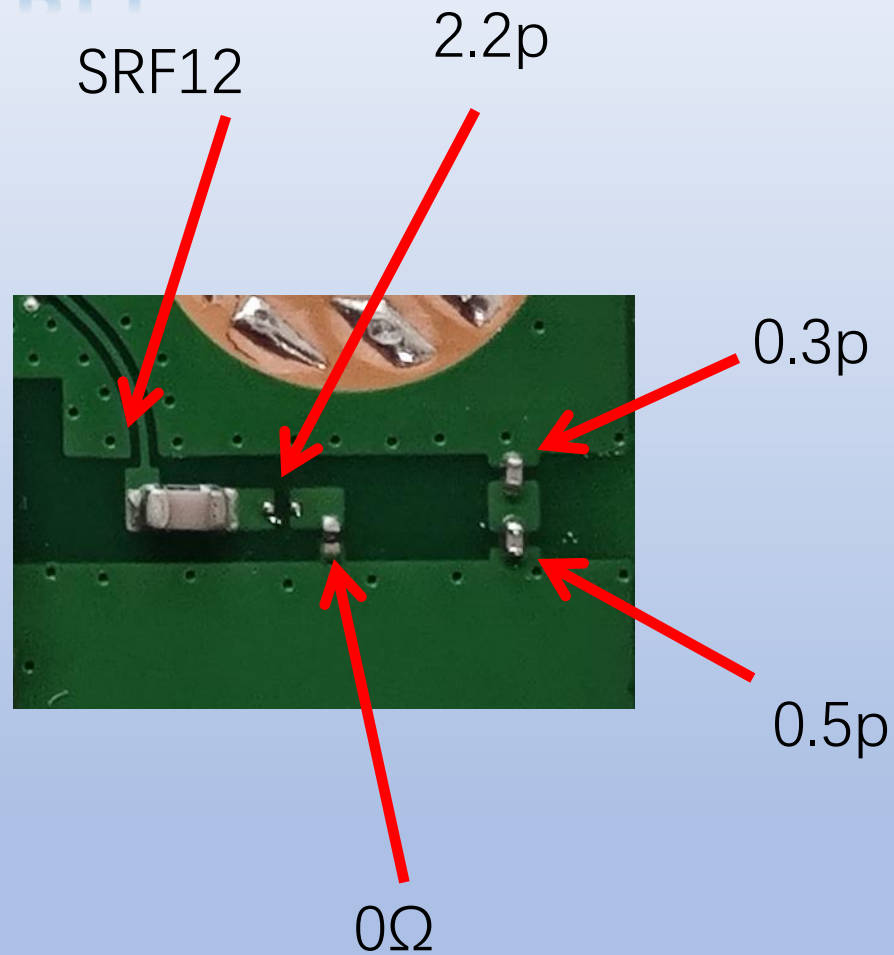


(RLC) Matching BT0





(RLC) Matching BT1



Efficiency

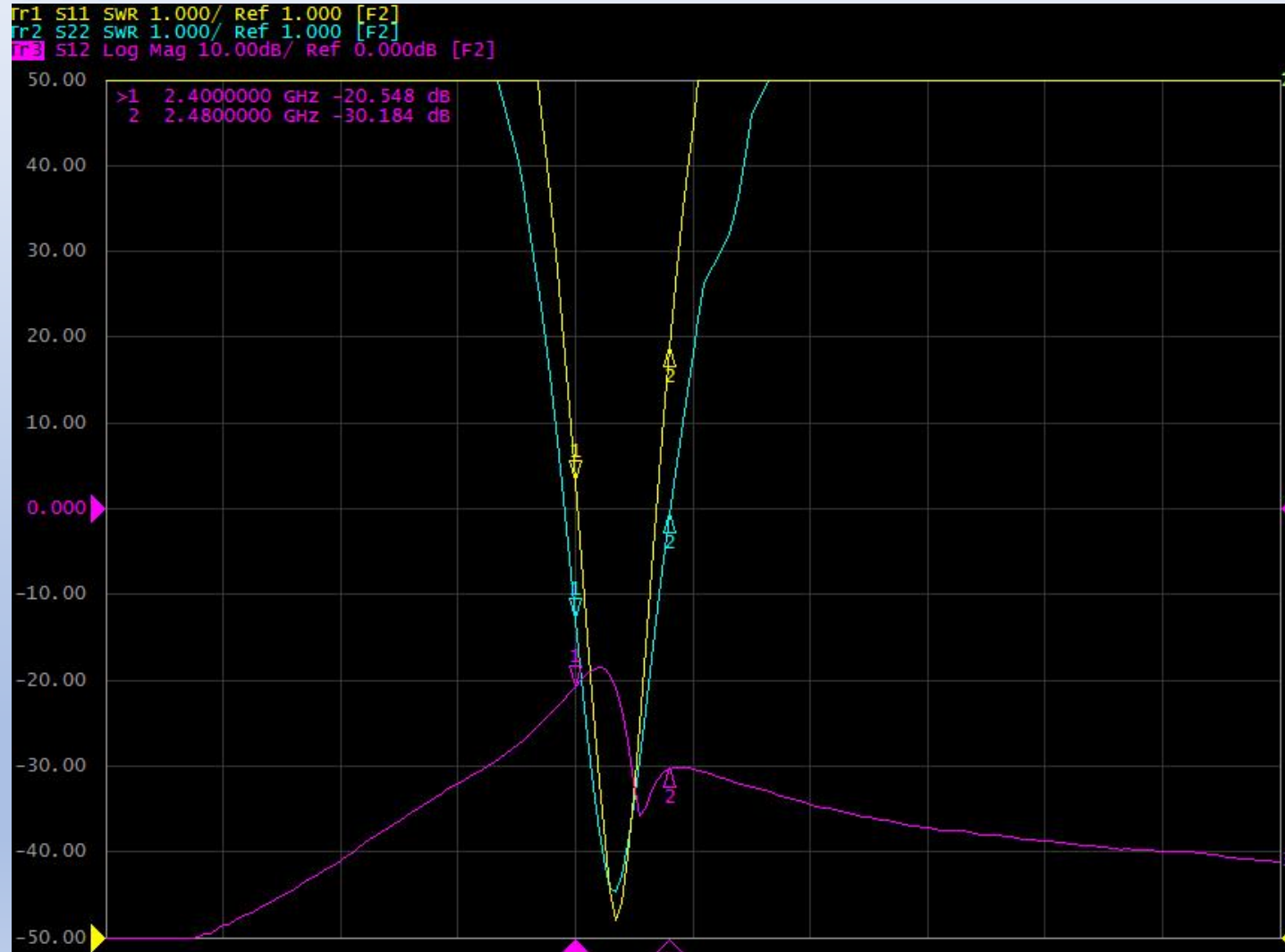
W0							
Frequency	eff-dB	ff-percen	Gain	Frequency	eff-dB	ff-percen	Gain
2400	-2.5	56.19	0.99	6000	-1.78	66.37	2.5
2410	-2.53	55.82	1.1	6030	-1.71	67.5	2.91
2420	-2.8	52.46	0.95	6060	-1.68	67.94	2.83
2430	-2.78	52.7	0.83	6090	-1.74	66.93	2.65
2440	-2.36	58.12	0.99	6120	-1.8	66.11	2.86
2450	-2.14	61.07	1.2	6150	-2.02	62.83	2.76
2460	-2.05	62.36	1.25	6180	-2.23	59.84	2.89
2470	-1.95	63.79	1.31	6210	-2.43	57.2	3.06
2480	-1.93	64.17	1.34	6240	-2.51	56.04	2.98
2490	-2.04	62.57	1.21	6270	-2.51	56.1	3.07
2500	-2.03	62.61	1.28	6300	-2.9	51.24	2.98
5100	-0.62	86.71	4.13	6330	-2.77	52.84	3.19
5130	-1.07	78.12	3.89	6360	-3.15	48.38	3.1
5160	-1.13	77.15	3.92	6390	-3.18	48.05	3.06
5190	-1.55	69.97	3.33	6420	-3.2	47.85	2.8
5220	-1.24	75.19	3.46	6450	-2.91	51.21	2.94
5250	-1.37	72.97	2.99	6480	-3.16	48.27	3.05
5280	-1.45	71.68	2.76	6510	-2.93	50.91	3.53
5310	-0.94	80.45	3.22	6540	-3.04	49.63	3.63
5340	-1.7	67.63	2.38	6570	-2.96	50.57	3.65
5370	-1.2	75.87	2.72	6600	-3.09	49.14	3.47
5400	-1.45	71.62	2.51	6630	-2.95	50.64	3.57
5430	-1.82	65.73	2.13	6660	-2.61	54.88	4.08
5460	-1.64	68.57	2.31	6690	-2.73	53.31	4.22
5490	-1.67	68	2.14	6720	-2.21	60.07	4.91
5520	-1.07	78.15	2.67	6750	-2.72	53.42	4.51
5550	-1.62	68.81	2.13	6780	-2.43	57.17	4.77
5580	-1.28	74.45	2.47	6810	-2.58	55.17	4.43
5610	-1.41	72.26	2.29	6840	-2.48	56.51	4.53
5640	-1.28	74.41	2.32	6870	-1.99	63.23	5.15
5670	-0.87	81.76	3.03	6900	-2.58	55.18	4.71
5700	-1.47	71.26	2.55	6930	-2.29	58.99	5.1
5730	-0.75	84.22	3.32	6960	-2.89	51.37	4.6
5760	-1.35	73.31	2.65	6990	-2.61	54.83	4.77
5790	-1.47	71.34	2.47	7020	-3.16	48.26	4.04
5820	-1.39	72.56	2.41	7050	-3.01	49.98	4
5850	-1.62	68.89	2.1	7080	-3.41	45.62	3.32
5880	-1.04	78.71	2.91	7110	-3.56	44.01	3.09
5910	-1.43	71.92	2.66	7140	-3.55	44.17	3.11
5940	-1.65	68.34	2.42	7170	-3.7	42.62	3.07
5970	-1.52	70.42	2.41	7200	-3.52	44.43	3.25

W1							
Frequency	eff-dB	ff-percen	Gain	Frequency	eff-dB	ff-percen	Gain
2400	-2.91	51.11	0.19	6000	-2.14	61.06	3.5
2410	-3.02	49.84	0.07	6030	-1.99	63.25	3.5
2420	-3.34	46.35	-0.32	6060	-1.95	63.76	3.4
2430	-3.35	46.2	-0.45	6090	-1.97	63.54	3.36
2440	-2.96	50.63	0.4	6120	-1.87	64.95	3.55
2450	-2.76	52.92	1.06	6150	-2.01	62.98	3.43
2460	-2.68	53.92	1.31	6180	-2.01	63	3.42
2470	-2.65	54.37	1.52	6210	-1.95	63.77	3.46
2480	-2.7	53.65	1.75	6240	-1.92	64.2	3.44
2490	-2.9	51.32	1.5	6270	-1.7	67.66	3.61
2500	-2.96	50.6	1.51	6300	-1.99	63.17	3.25
5100	-1.09	77.89	4.31	6330	-1.75	66.79	3.45
5130	-1.41	72.3	3.83	6360	-2.08	61.98	3.07
5160	-1.32	73.83	3.84	6390	-2.05	62.35	3.05
5190	-1.69	67.73	3.6	6420	-2.04	62.53	3.08
5220	-1.38	72.83	4.08	6450	-1.86	65.13	3.22
5250	-1.51	70.68	4.15	6480	-2.07	62.03	3.12
5280	-1.54	70.17	4.34	6510	-1.87	64.98	3.44
5310	-1.01	79.17	4.75	6540	-1.96	63.63	3.39
5340	-1.71	67.4	4.18	6570	-1.84	65.47	3.5
5370	-1.15	76.77	4.89	6600	-2.09	61.73	3.16
5400	-1.36	73.09	4.74	6630	-2.12	61.34	2.92
5430	-1.76	66.73	4.37	6660	-1.99	63.28	2.92
5460	-1.56	69.87	4.65	6690	-2.25	59.63	2.76
5490	-1.66	68.18	4.43	6720	-1.98	63.35	3.21
5520	-1.11	77.48	5.02	6750	-2.68	53.96	2.67
5550	-1.69	67.78	4.49	6780	-2.35	58.23	2.96
5580	-1.39	72.56	4.76	6810	-2.73	53.37	2.3
5610	-1.51	70.58	4.69	6840	-2.73	53.38	2.13
5640	-1.34	73.39	4.93	6870	-2.37	57.89	2.44
5670	-0.96	80.13	5.23	6900	-3.23	47.51	1.64
5700	-1.61	69.07	4.39	6930	-2.83	52.08	2.15
5730	-0.97	80.05	4.93	6960	-3.35	46.28	1.79
5760	-1.68	67.97	4.16	6990	-2.93	50.88	2.11
5790	-1.87	64.98	3.94	7020	-3.4	45.72	1.49
5820	-1.8	66.1	4.03	7050	-3.21	47.7	1.69
5850	-2	63.1	3.82	7080	-3.46	45.04	1.5
5880	-1.41	72.24	4.26	7110	-3.58	43.86	1.34
5910	-1.83	65.68	3.81	7140	-3.4	45.67	1.53
5940	-2.05	62.32	3.65	7170	-3.48	44.92	1.52
5970	-1.9	64.6	3.83	7200	-3.26	47.16	1.68

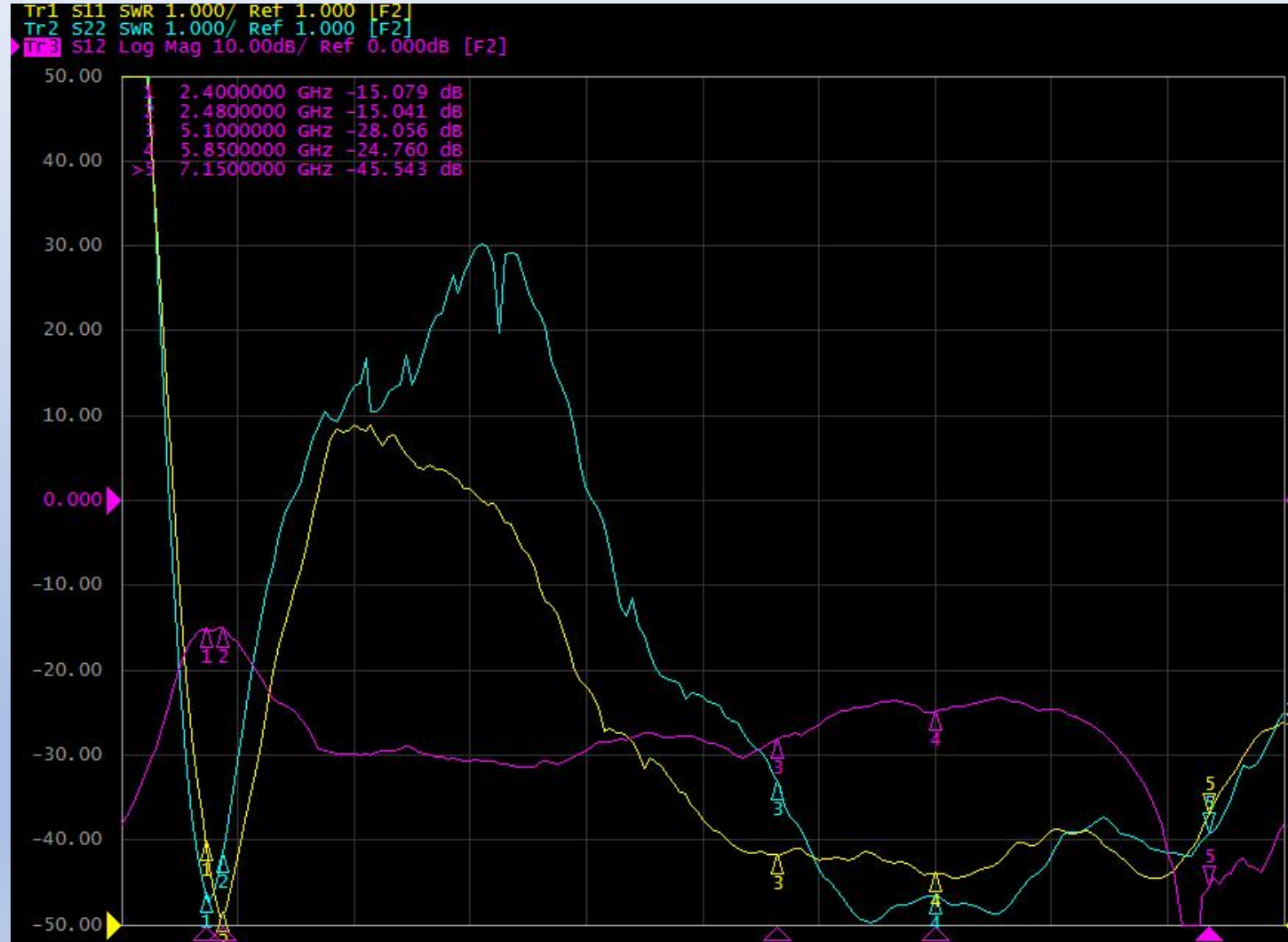
BT0			
Frequency	eff-dB	ff-percen	Gain
2400	-6.21	23.95	1.27
2410	-6.37	23.09	0.54
2420	-6.36	23.14	-1.34
2430	-5.96	25.37	-1.11
2440	-5.93	25.55	1.15
2450	-5.58	27.69	-0.68
2460	-5.71	26.85	1.96
2470	-5.81	26.23	1.41
2480	-6.09	24.62	-0.27
2490	-6.34	23.23	0.61
2500	-6.43	22.75	-2.07

BT1			
Frequency	eff-dB	ff-percen	Gain
2400	-7.14	19.32	-3.51
2410	-6.54	22.19	-2.22
2420	-6.06	24.75	-1.84
2430	-5.78	26.45	-1.53
2440	-5.87	25.86	-0.89
2450	-6.04	24.91	-1.52
2460	-6.09	24.62	-1.62
2470	-6.22	23.89	-1.89
2480	-6.25	23.7	-1.93
2490	-6.34	23.22	-1.98
2500	-6.35	23.16	-2.18

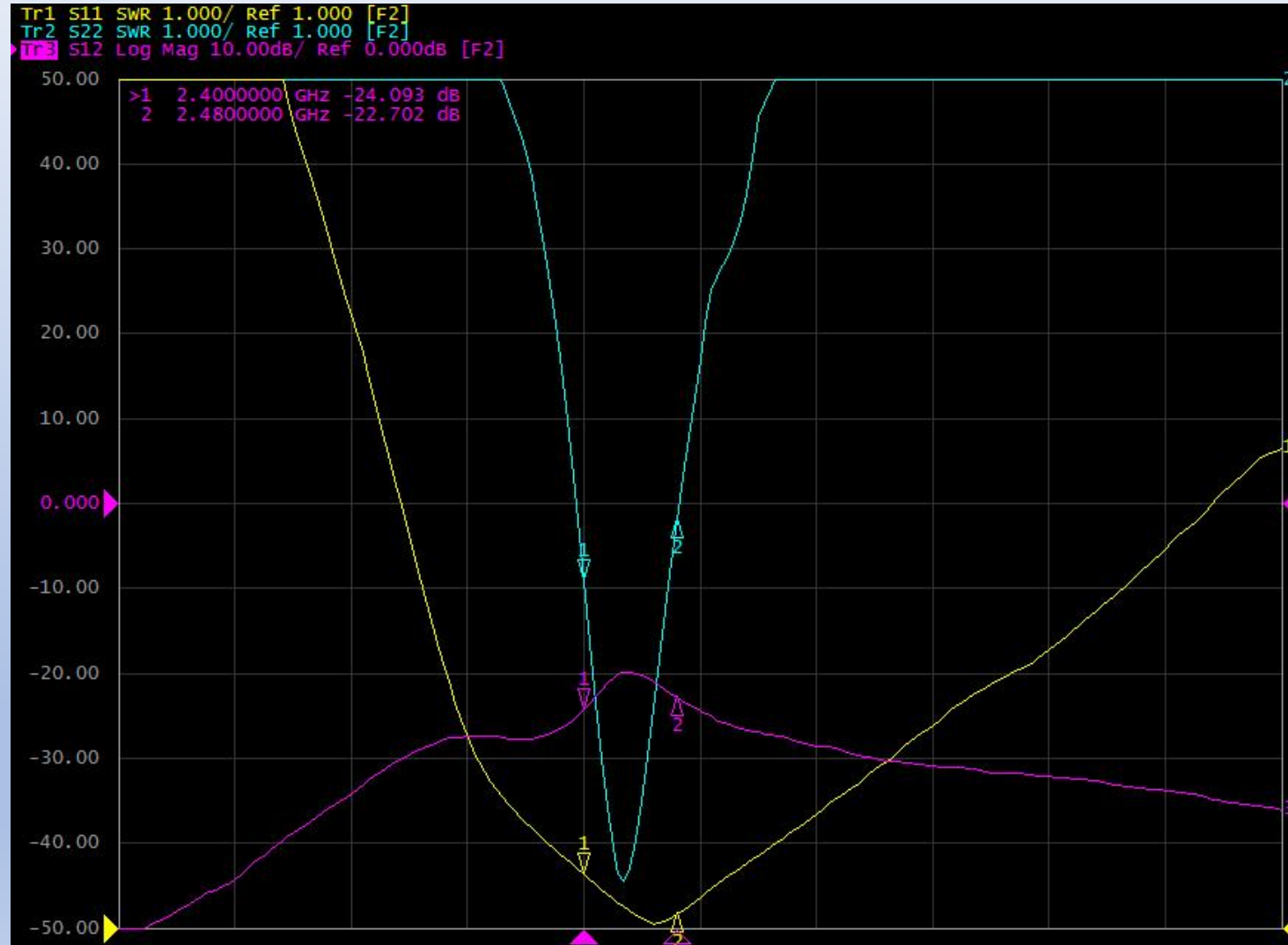
BT0&BT1 S12



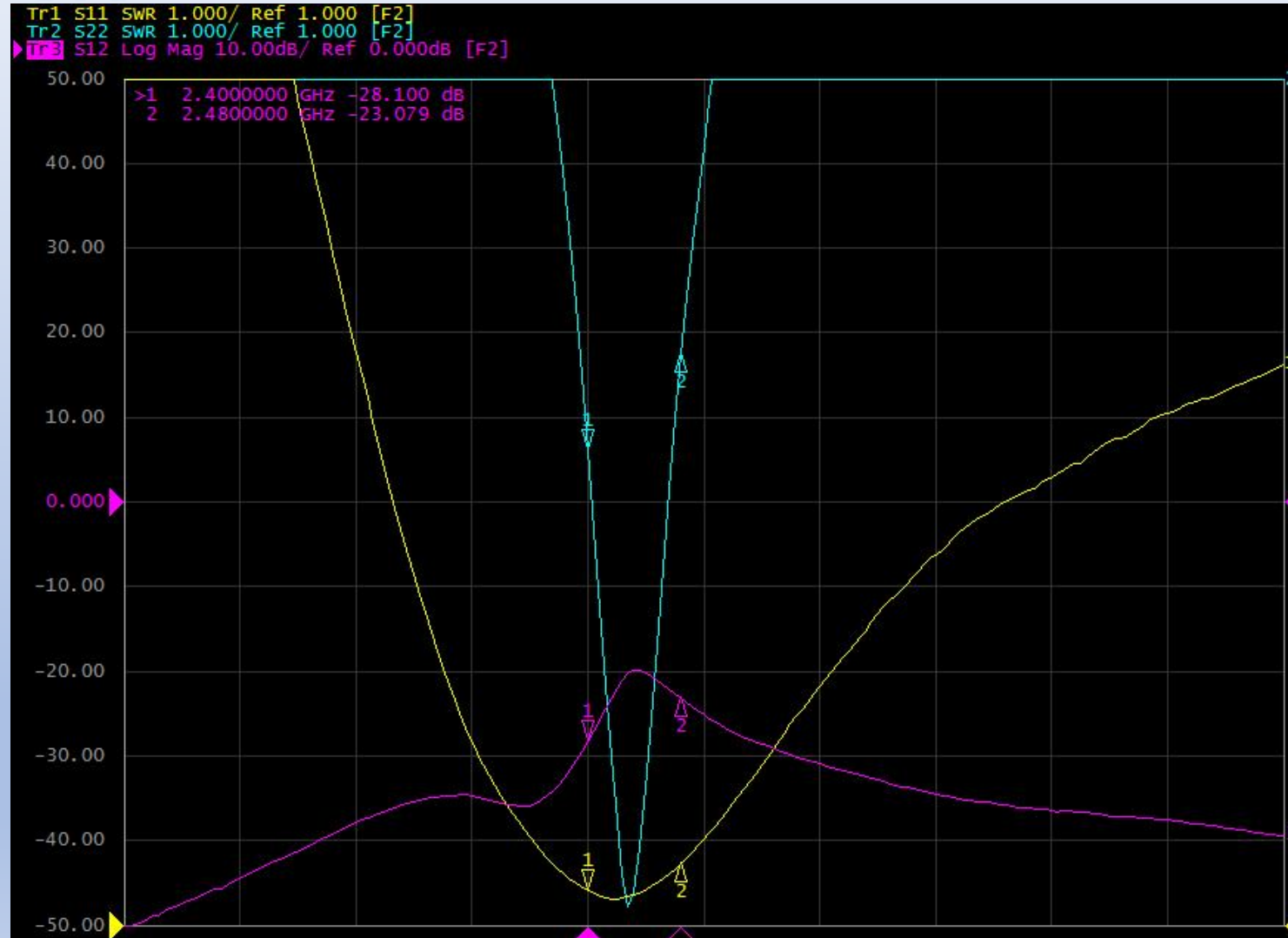
W0&W1 S12



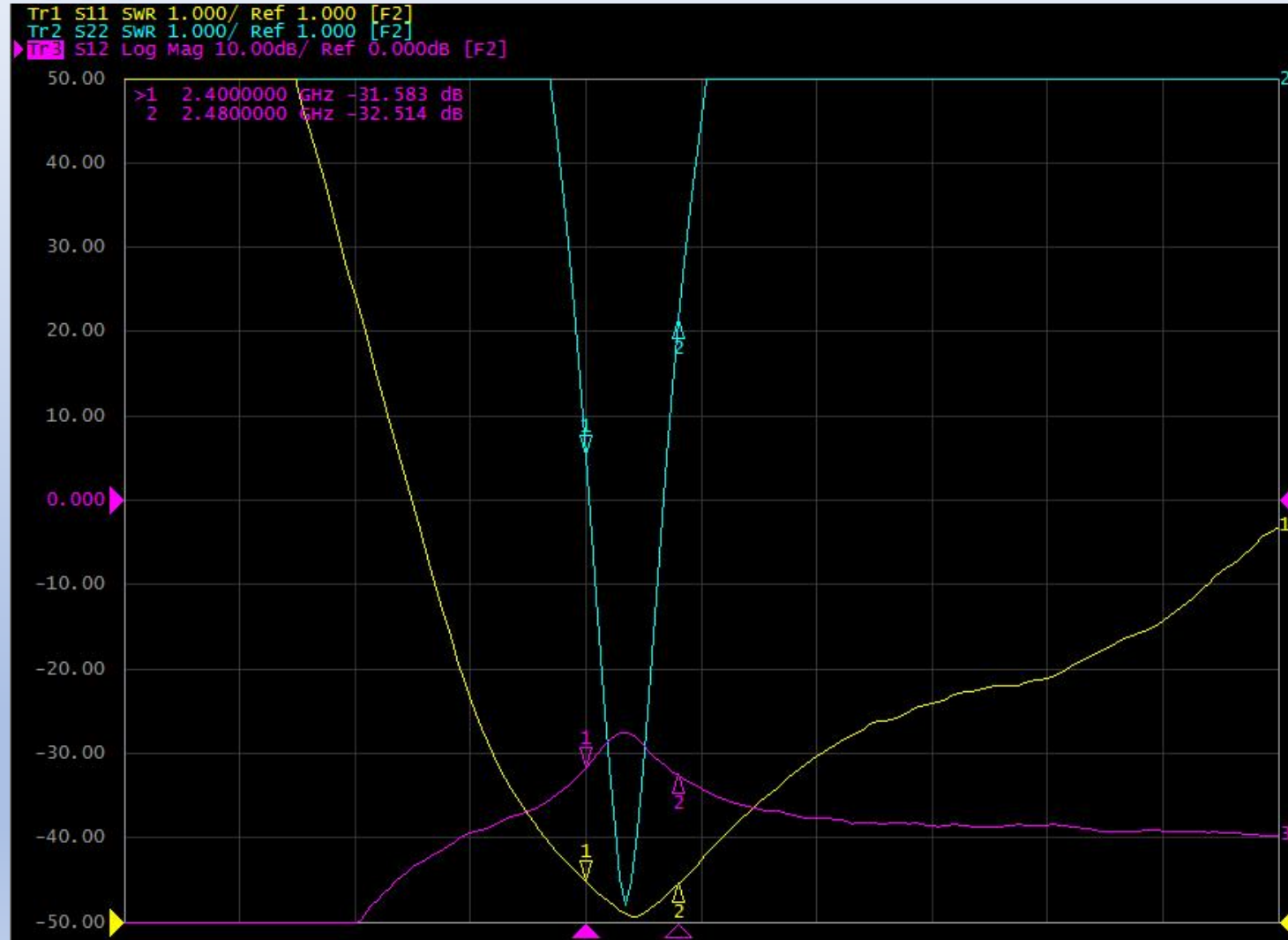
BT0&W0 S12



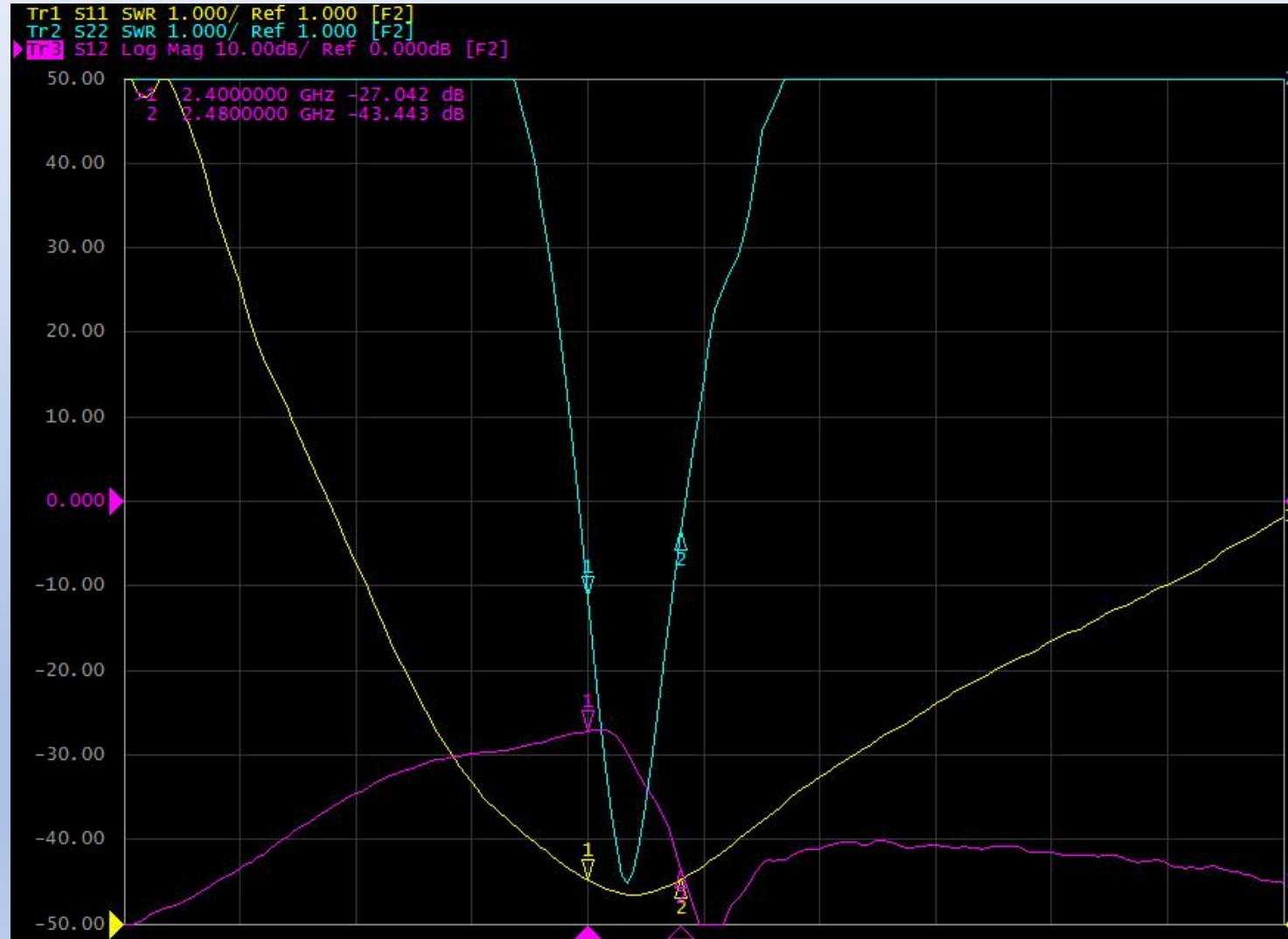
BT0&W1 S12



BT1&W0 S12

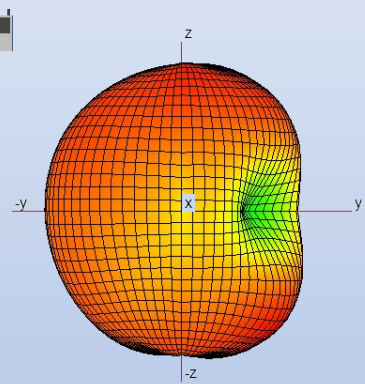


BT1&W1 S12

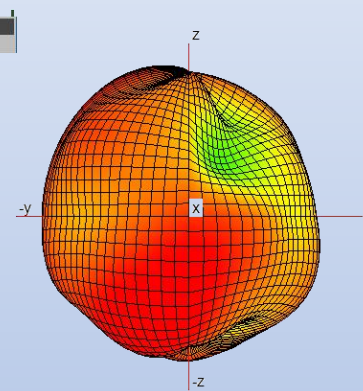


W0 radiation pattern

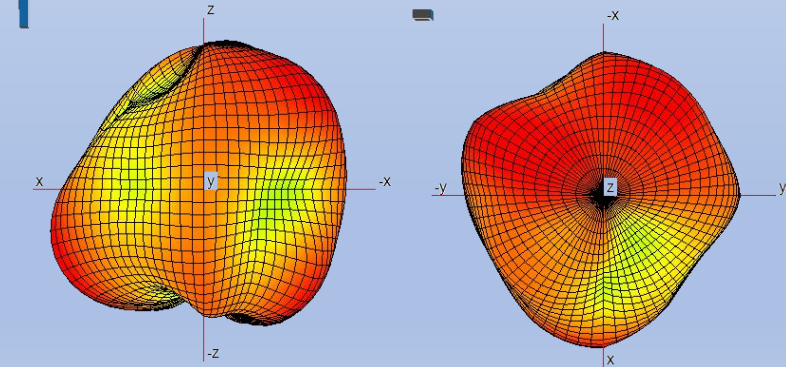
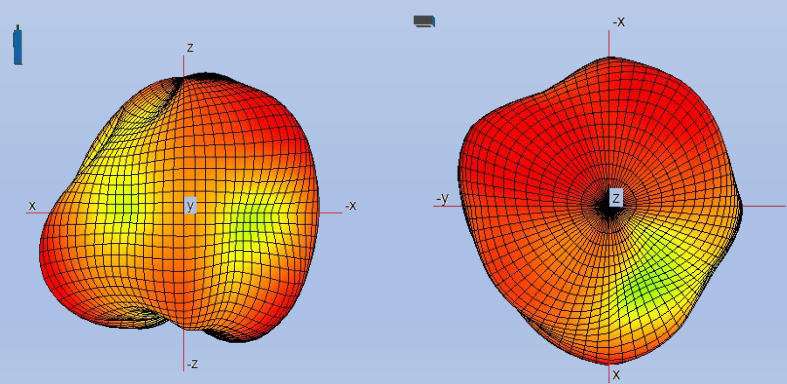
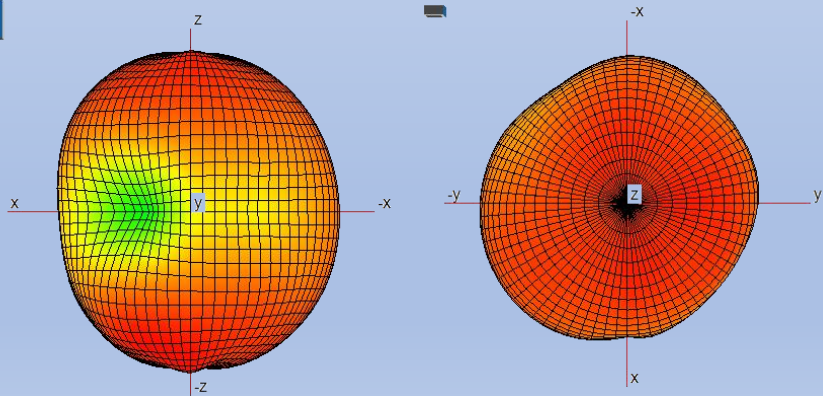
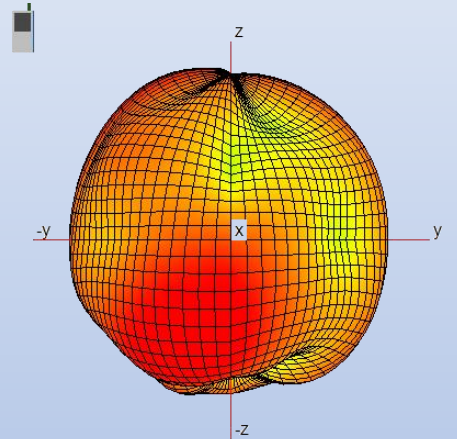
2.4G



5G

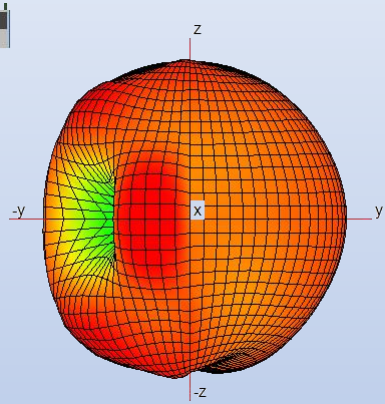


6E

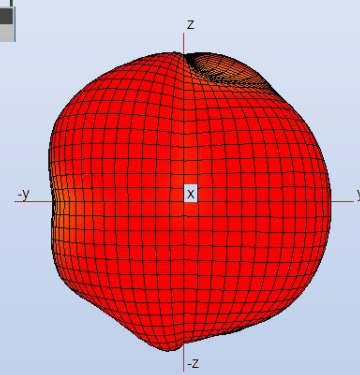


W1 radiation pattern

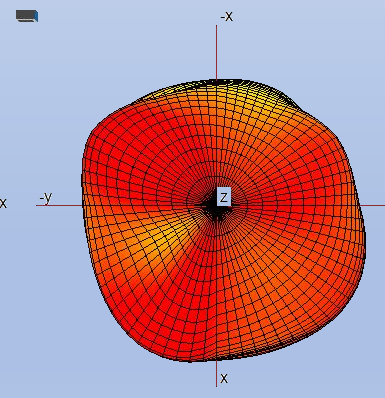
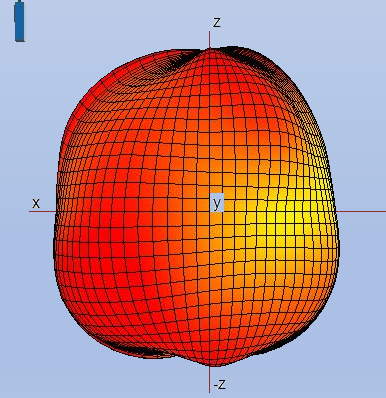
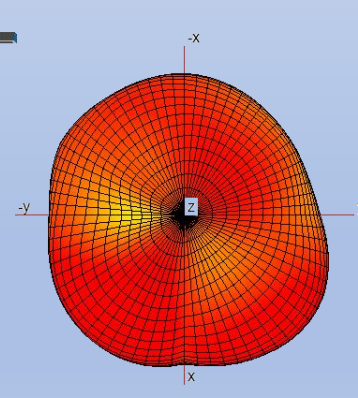
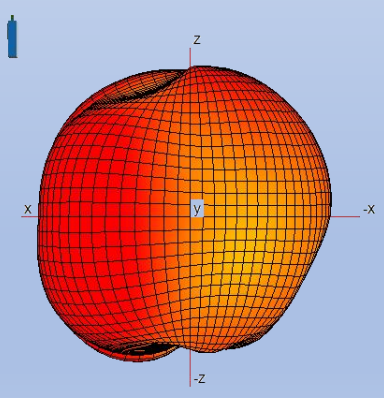
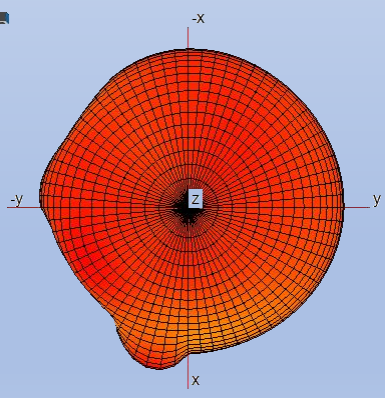
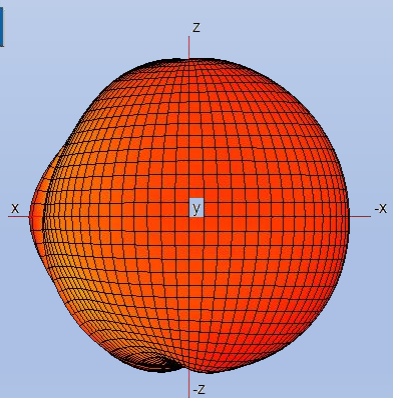
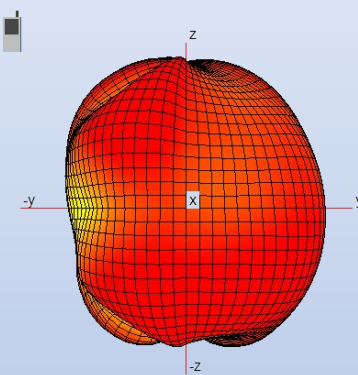
2.4G



5G

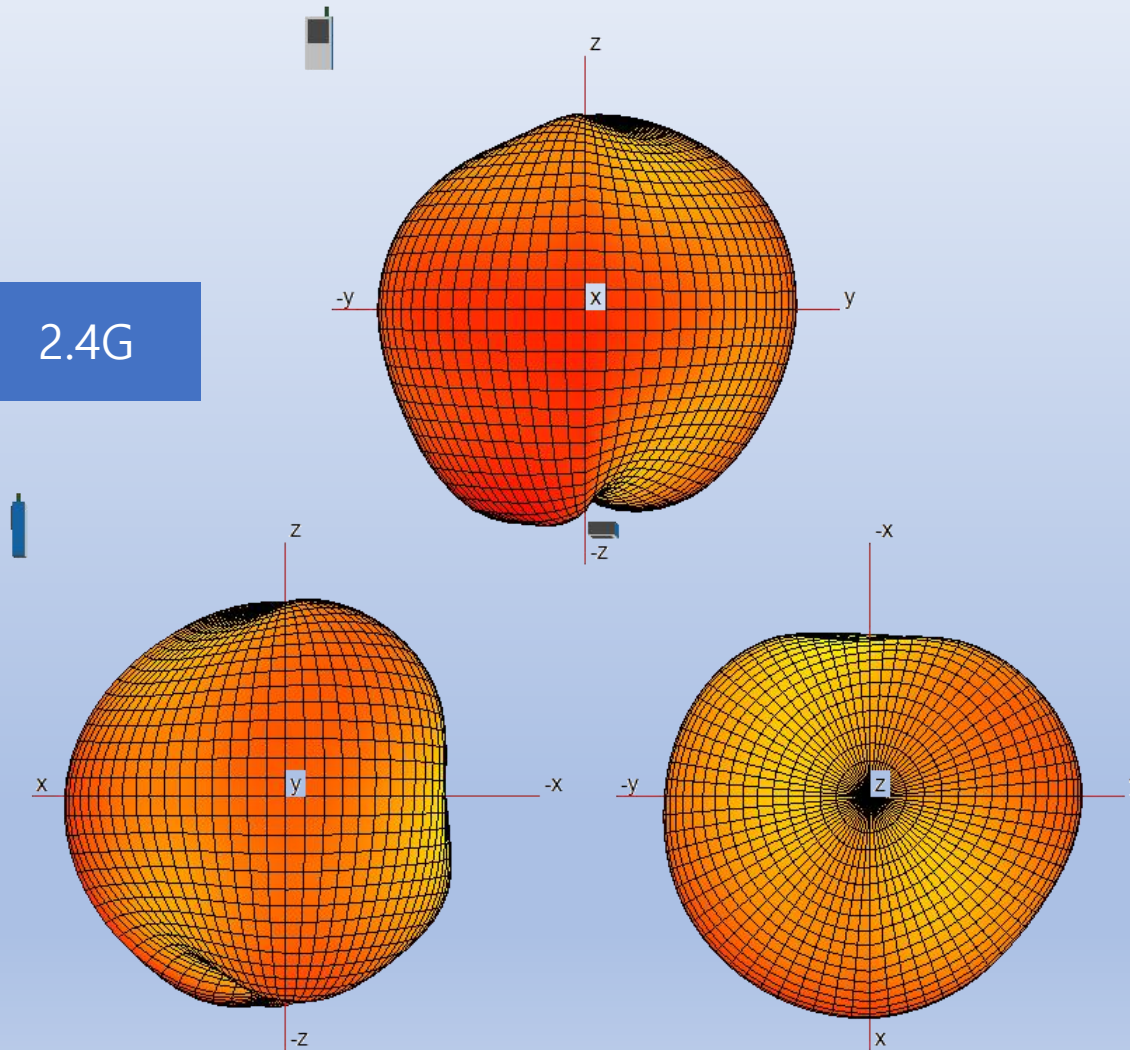


6E



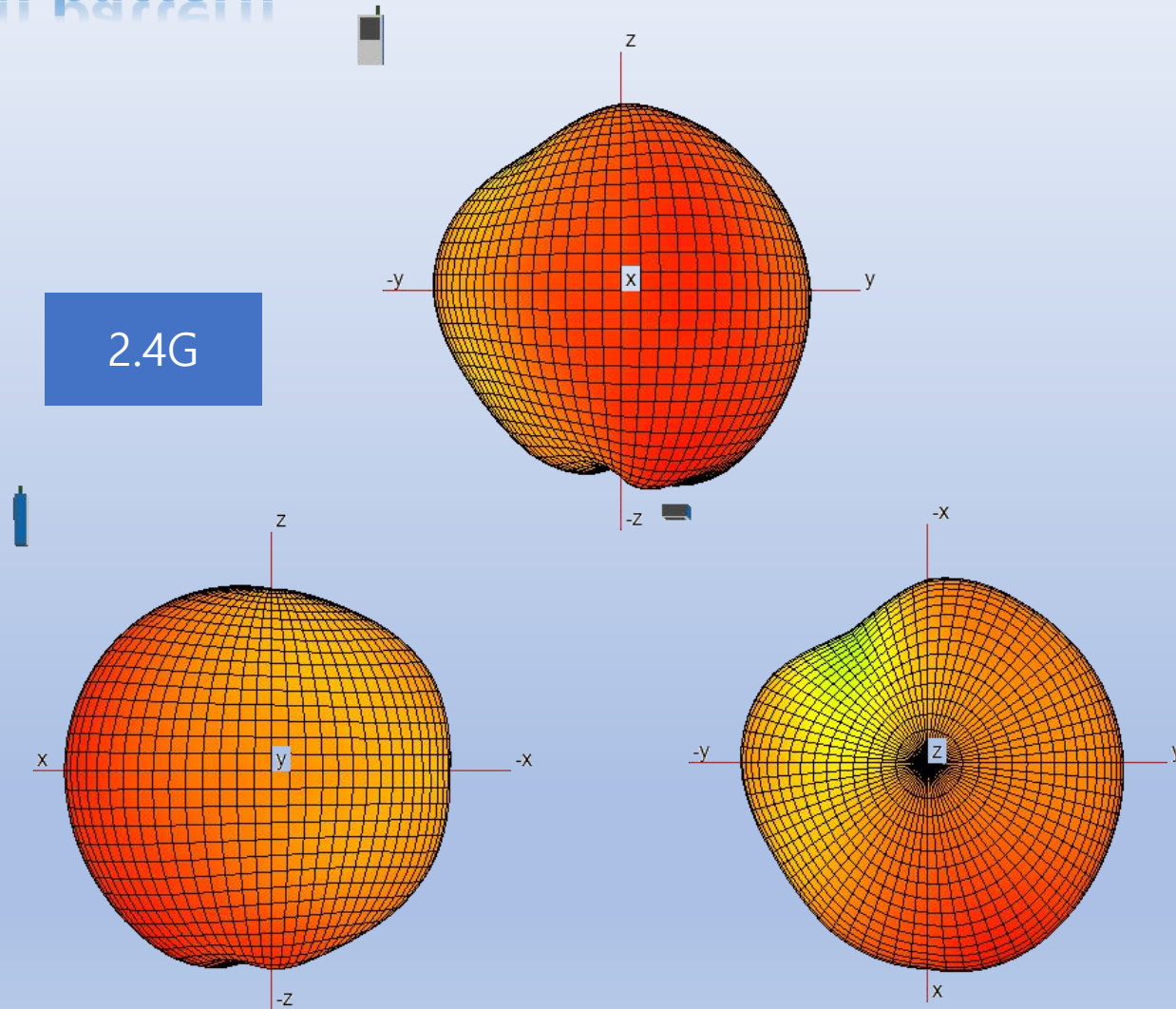
BT0 radiation pattern

2.4G



BT1 radiation pattern

2.4G



Thank You!