

Onboard antenna specification

Manufacturer: Guangzhou Jiake electronic Technology Co., LTD

Adress: Room 209, Building 1, No. 95 Daguan Middle Road, Tianhe District, Guangzhou (office only)

VERSIONS:A

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一、 Dimension drawing

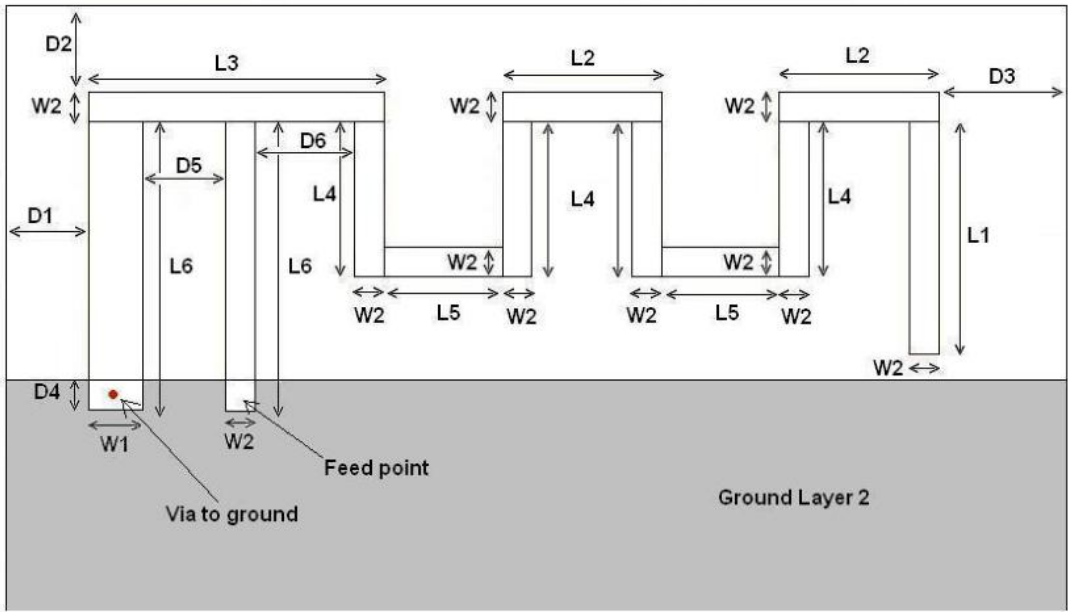
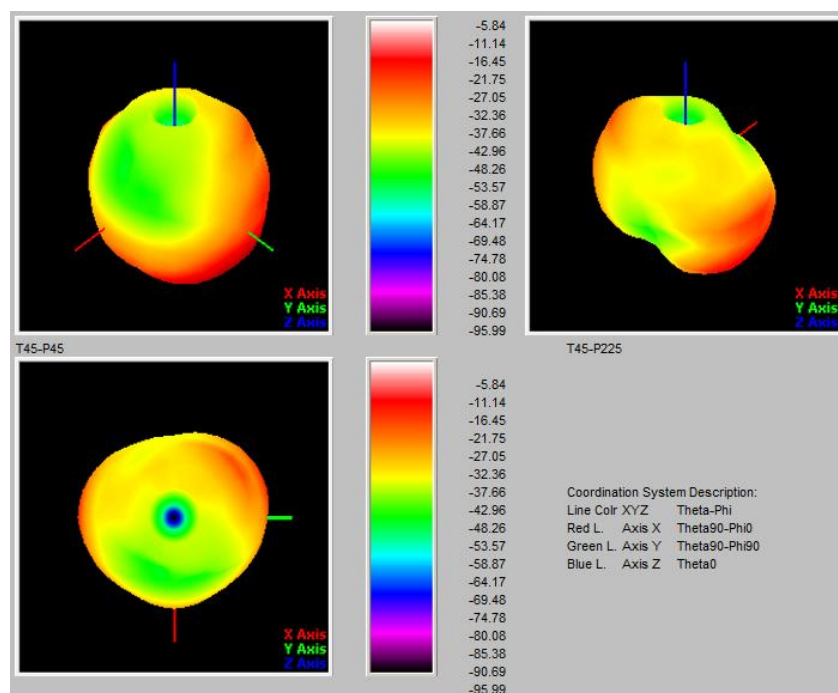


Figure 3: Antenna Dimensions

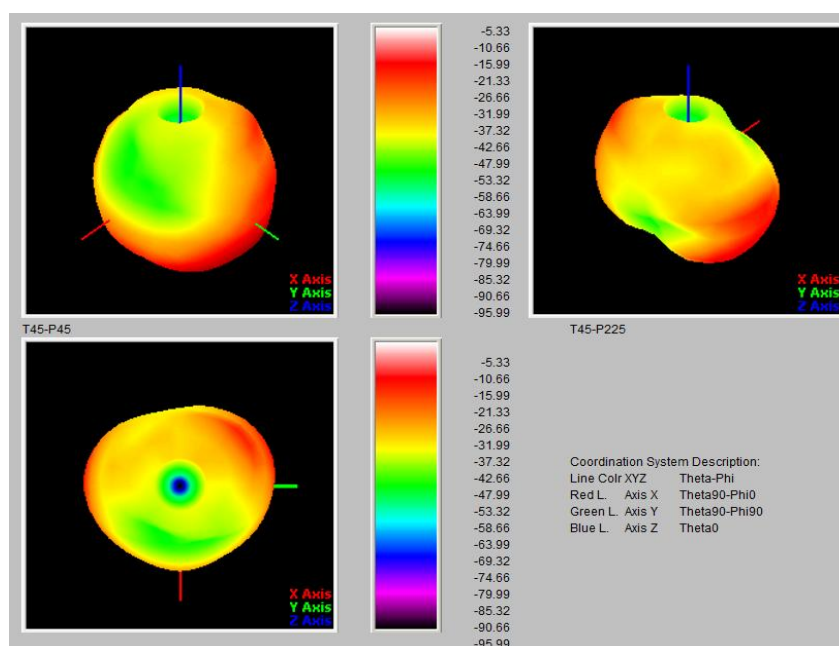
L1	3.94 mm
L2	2.70 mm
L3	5.00 mm
L4	2.64 mm
L5	2.00 mm
L6	4.90 mm
W1	0.90 mm
W2	0.50 mm
D1	0.50 mm
D2	0.30 mm
D3	0.30 mm
D4	0.50 mm
D5	1.40mm
D6	1.70 mm

Table 1: Antenna Dimensions

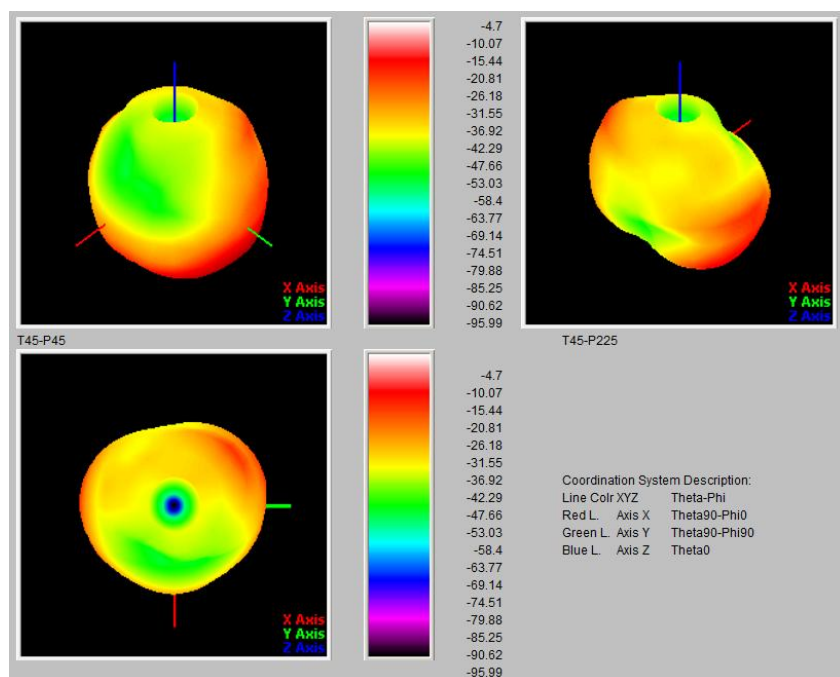
二、 3D test result diagram



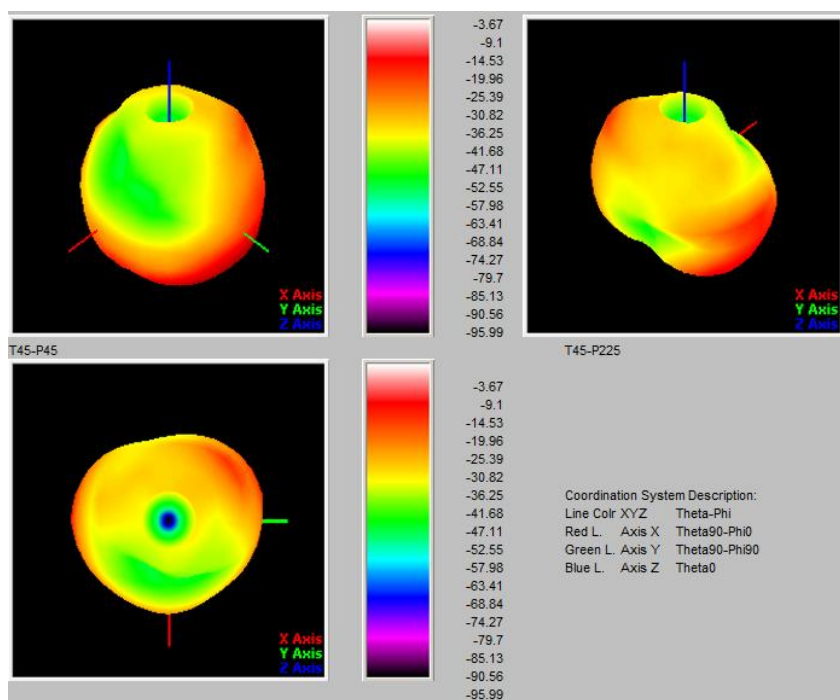
2400Mhz



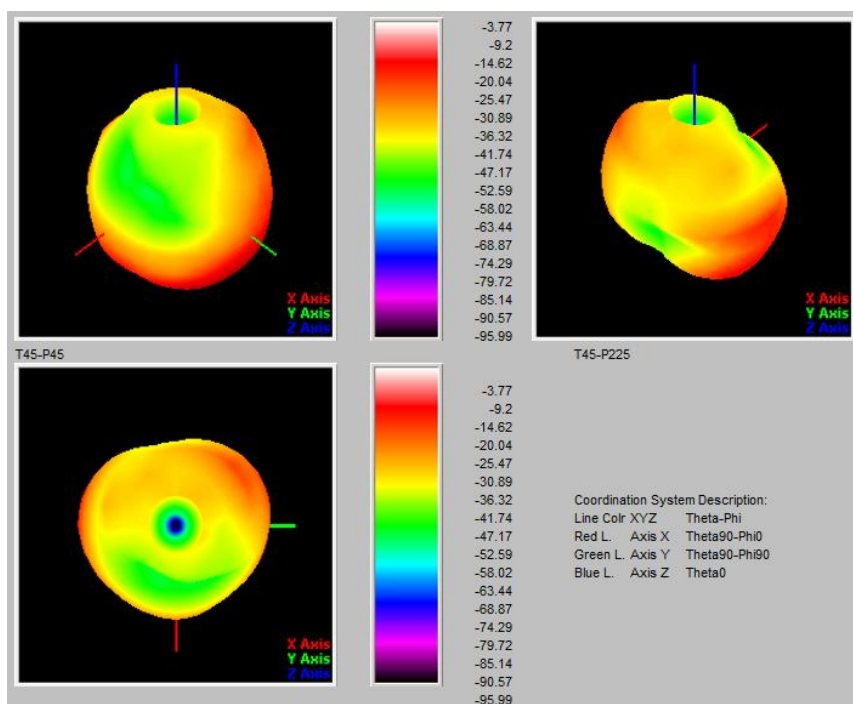
2410Mhz



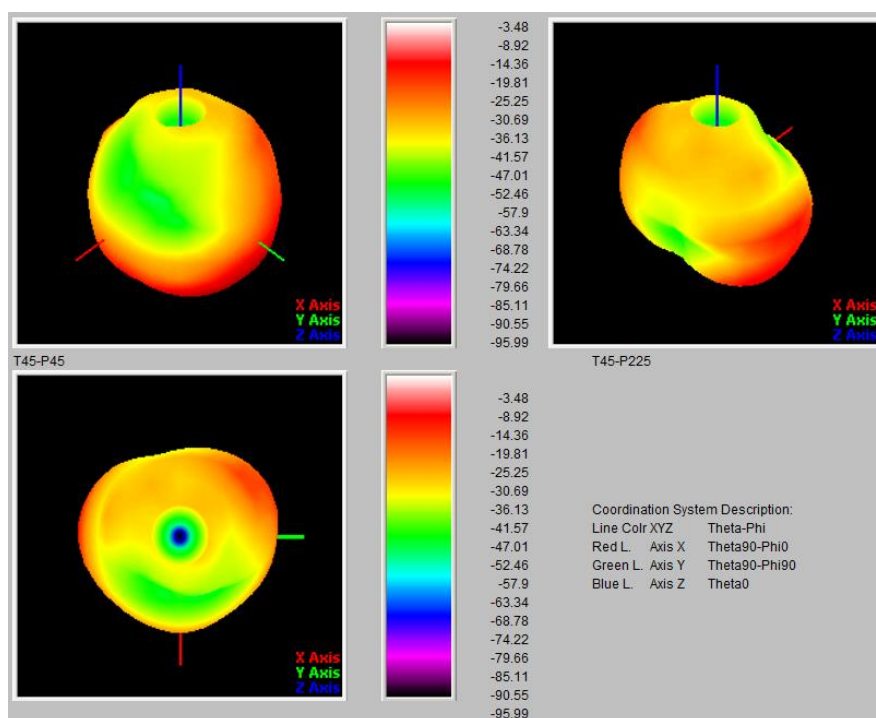
2420Mhz



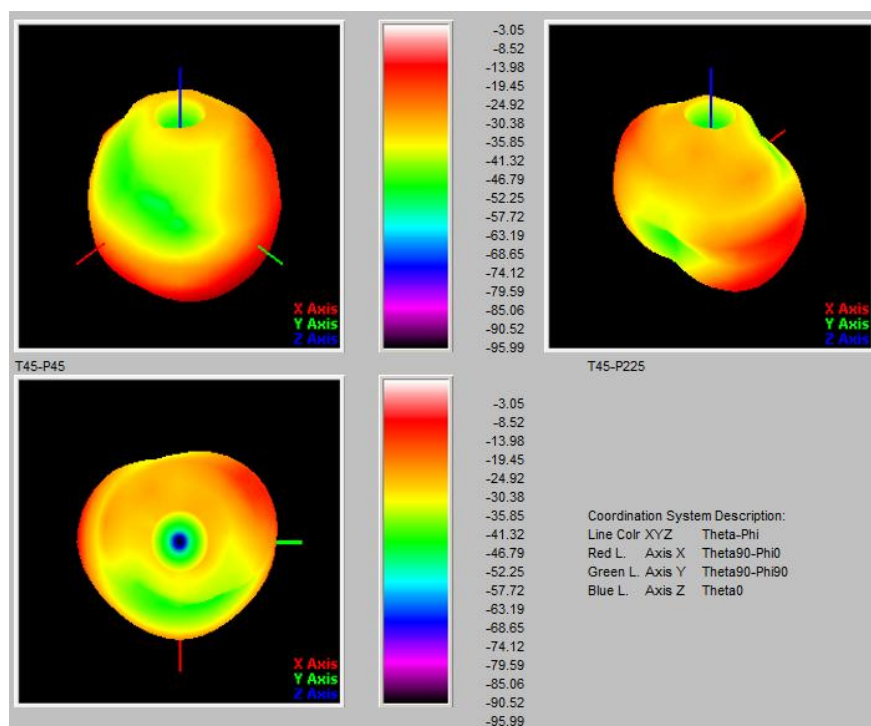
2430Mhz



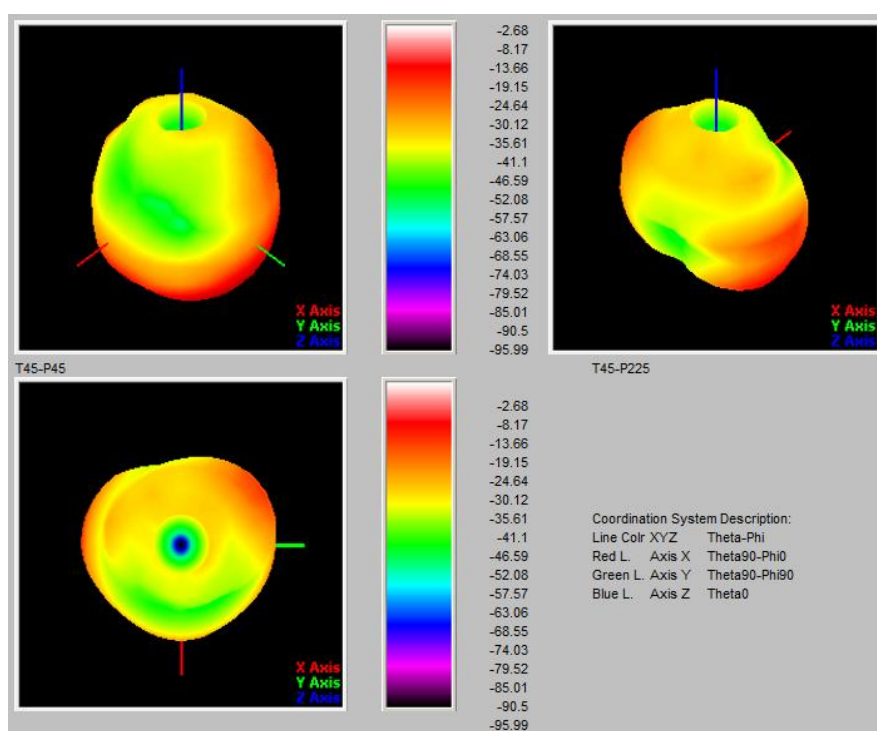
2440Mhz



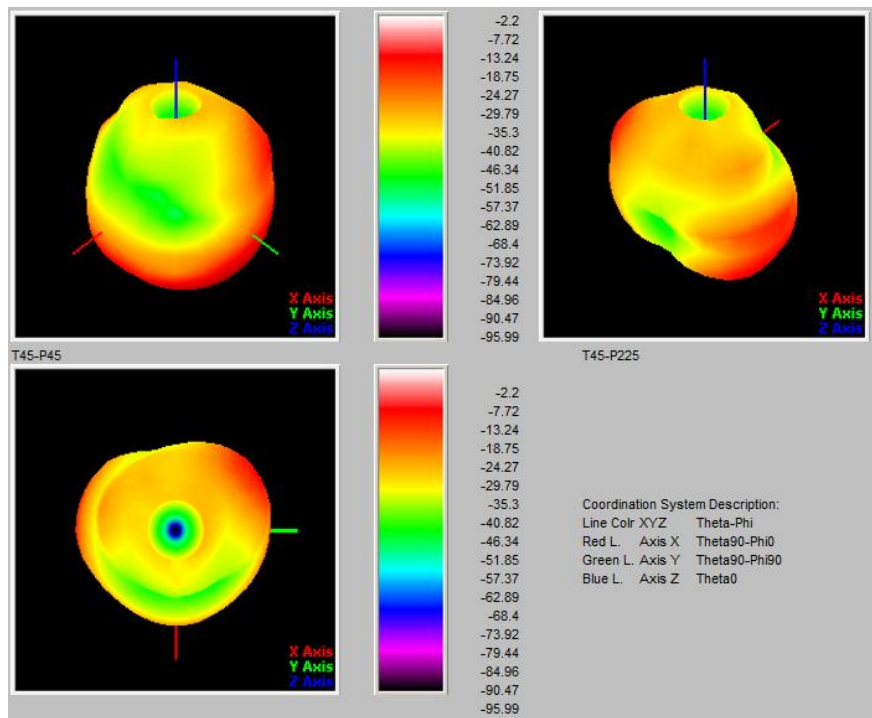
2450Mhz



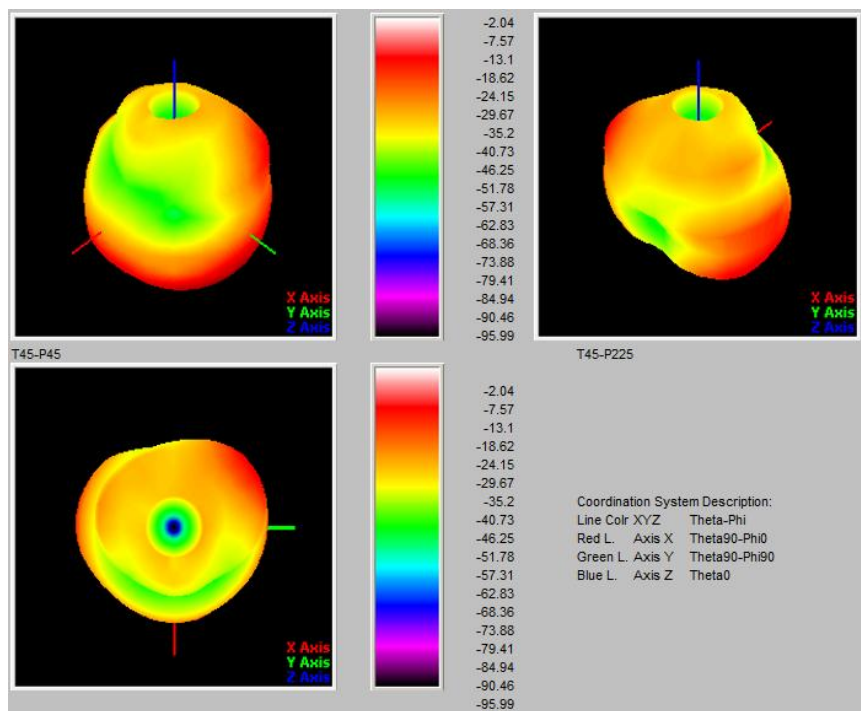
2460Mhz



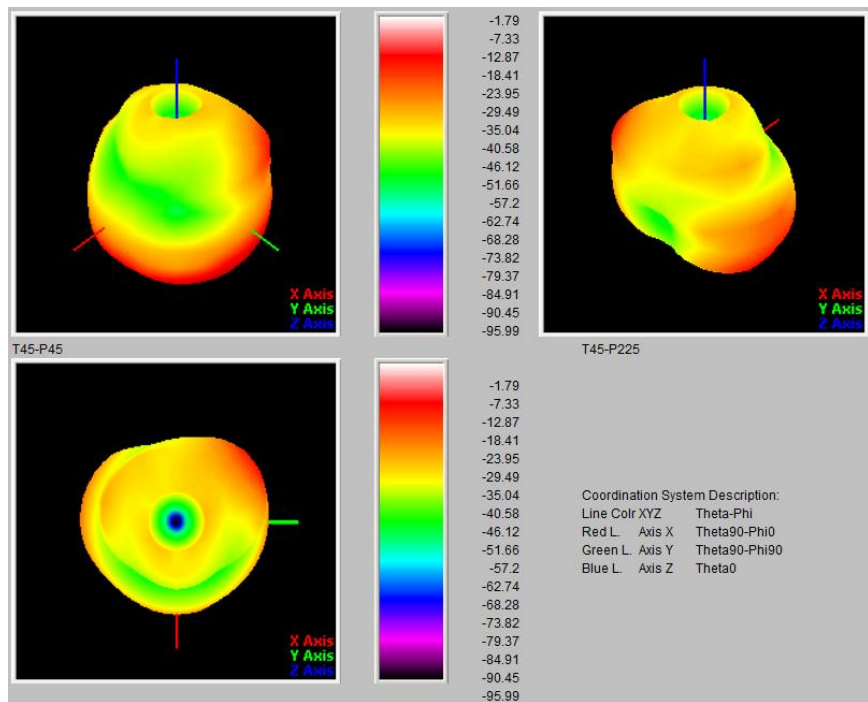
2470Mhz



2480Mhz



2490Mhz



2500Mhz

三、Efficiency&Gain

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	2400.0	2400.00	-5.84	5.36	7.6%	-11.20	-5.84	10500	9000	-95.99	0	0	-11.36	90.15	5.52	-84.63
2	2410.0	2410.00	-5.33	5.65	8.0%	-10.98	-5.33	10500	9000	-95.99	0	0	-10.91	90.66	5.59	-85.08
3	2420.0	2420.00	-4.70	5.86	8.8%	-10.56	-4.70	10500	9000	-95.99	0	0	-10.23	91.29	5.54	-85.76
4	2430.0	2430.00	-3.67	5.91	11.0%	-9.58	-3.67	10500	9000	-95.99	0	0	-9.11	92.32	5.44	-86.88
5	2440.0	2440.00	-3.77	5.73	11.2%	-9.50	-3.77	12000	7500	-95.99	0	0	-9.09	92.22	5.31	-86.90
6	2450.0	2450.00	-3.48	5.80	11.8%	-9.28	-3.48	12000	9000	-95.99	0	0	-8.87	92.51	5.39	-87.12
7	2460.0	2460.00	-3.05	5.83	13.0%	-8.88	-3.05	12000	9000	-95.99	0	0	-8.48	92.94	5.43	-87.51
8	2470.0	2470.00	-2.68	5.69	14.5%	-8.37	-2.68	12000	9000	-95.99	0	0	-8.18	93.31	5.50	-87.81
9	2480.0	2480.00	-2.20	5.34	17.6%	-7.55	-2.20	12000	9000	-95.99	0	0	-7.73	93.79	5.53	-88.26
10	2490.0	2490.00	-2.04	5.24	18.7%	-7.28	-2.04	12000	9000	-95.99	0	0	-7.53	93.95	5.48	-88.46
11	2500.0	2500.00	-1.79	5.11	20.4%	-6.89	-1.79	12000	9000	-95.99	0	0	-7.19	94.20	5.40	-88.80

三、 EUT Photo

