

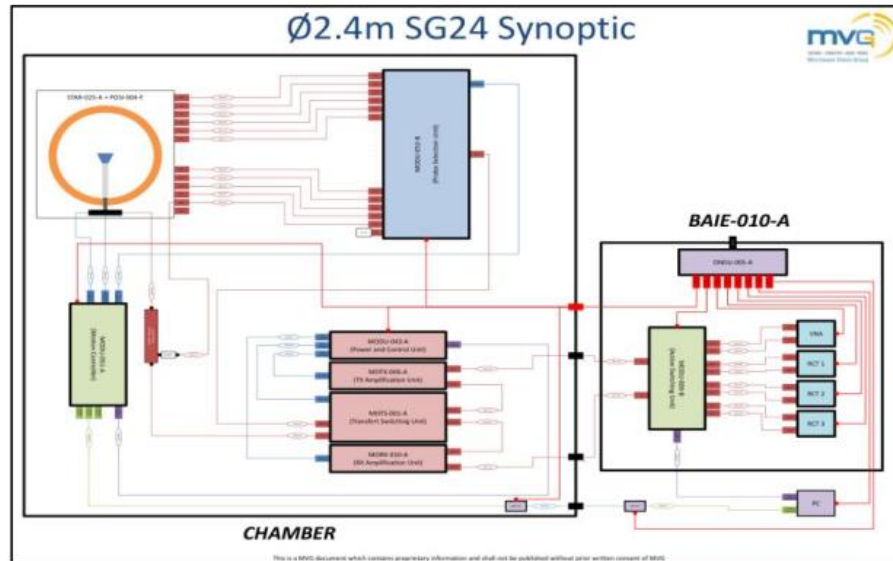
Antenna Specification



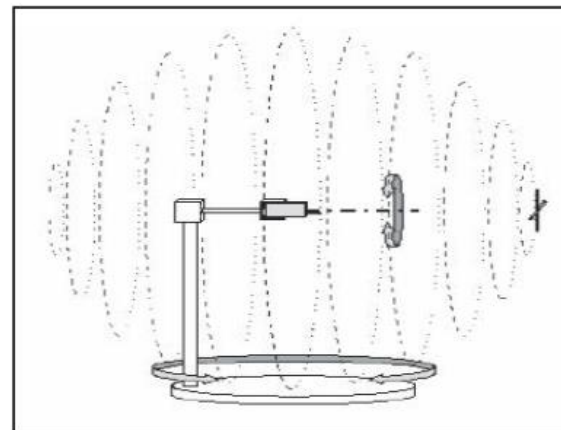
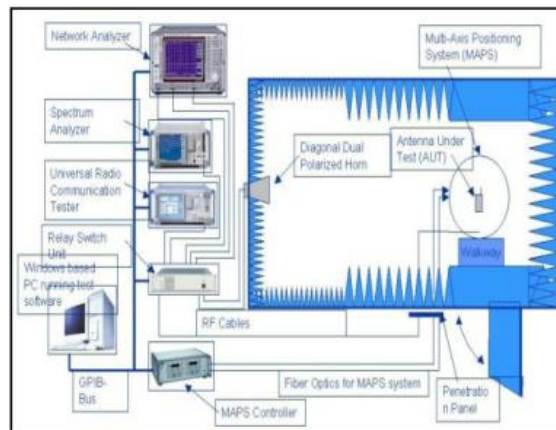
Thecustomername		XunRui	ProjectName	P9301
NO.	project	Detailedabove		
1	spectrum	GSM:850/900/1800/1900 WCDMA:W1/2/4/5/8/19 LTE:B1/2/3/4/5/7/8/11/12/13/17/18/19/20/21/25/26/28/30/34/38/39/40/ 41/42/43/48/66/71 NR:N1/2/3/5/7/8/12/20/25/26/28/38/40/41(full)/66/71/77/78/79 GPS(L1/L5)/WIFI(2.4/5/6/6E/7)/BT NFC		
2	Type of antenna	FPCB		

Testsystem and test equipment

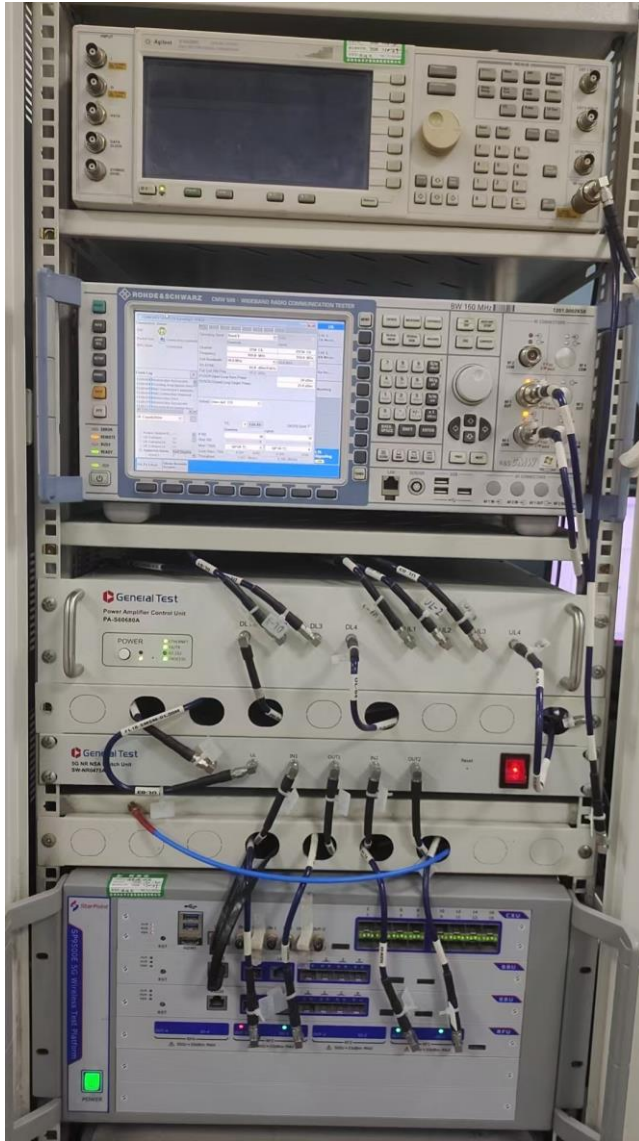
System Brand: MVG measurement features: gain • pattern beamwidth cross polarization resolution sidelobe level 3D cavity reflectance at any polarization cavity reflectance (line or arc) antenna efficiency TRP, TIS, EIRP and EIS. Frequency band: StarLab 6 GHz - 650 MHz to 6 GHz

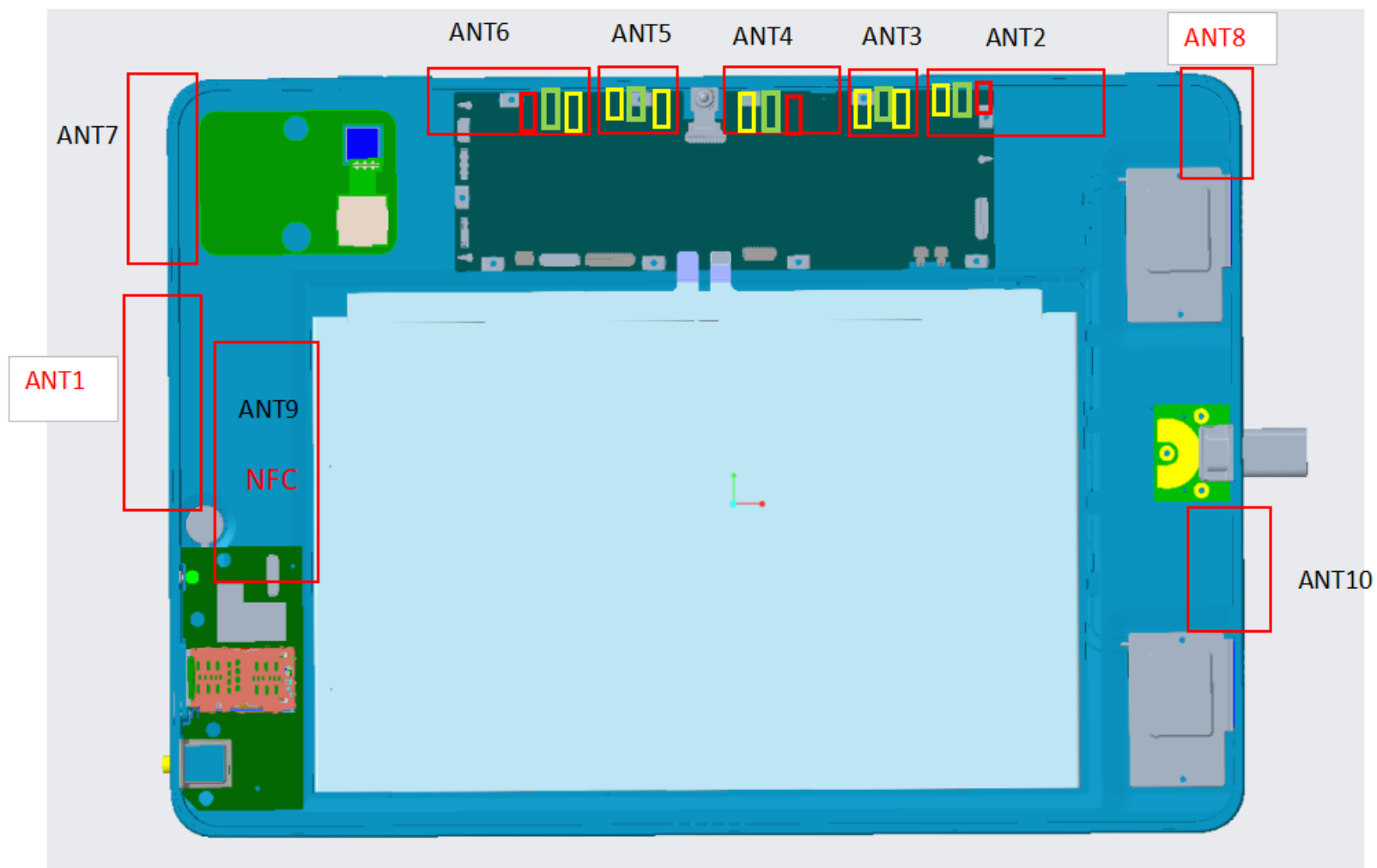


Object under test



Test Equipment



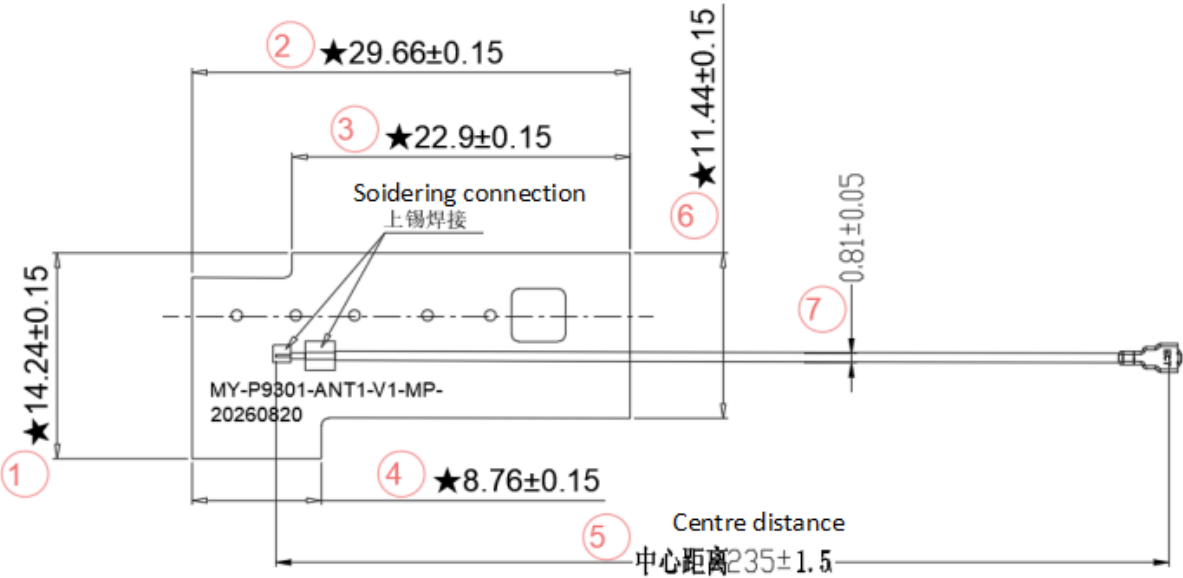


Anternna	Mode	Band		Manufacturer	Antenna model
ANT1	MB	GSM:1800&WCDMA:W1/4 & LTE:B1/3/4/66 & NR:N1/3/66	RX1	MAYA	MY-P9301-ANT1-V1-MP-20260820
		LTE:B2/25/34/39 & NR:N2/25	RX2		
	HB	LTE:B7/30/38/40/41 & NR:N7/38/40/41	RX2		
	UHB	LTE:B42/43/48 & NR:N77/78/79	RX2		
ANT2	LB	GSM:850/900 & WCDMA:W5/8/19	TX&RX0	MAYA	MY-P9301-ANT2-V1-MP-20260820
		LTE:B5/8/12/13/17/18/19/20/26/28/71	TX&RX0		
		NR:N5/8/12/20/26/28/71	TX&RX0		
	MB	GSM:1900	RX1		
		LTE:B1/3/4/66 & NR:N1/3/66	RX2		
		LTE:B2/11/21/25/34/39 & NR:N2/25	RX1		
	HB	LTE:B7/30/38/40/41 & NR:N7/38/40/41	RX1		
ANT3	UHB	LTE:B42/43/48 & NR:N77/78/79	TX&RX0	MAYA	MY-P9301-ANT4/3-V1-MP-20260820
ANT4	MB	LTE:B1/2/3/4//25/34/39/66	RX3	MAYA	
		NR:N1/2/3/25/66	RX3		
	HB	LTE:B7/30/38/40/41 & NR:N7/38/40/41	TX&RX0		
	UHB	LTE:B42/43/48 & NR:N77/78/79	RX3		
ANT5	UHB	LTE:B42/43/48 & NR:N77/78/79	RX1	MAYA	MY-P9301-ANT6/5-V1-MP-20260820
ANT6	LB	GSM:850/900 & WCDMA:W5/8/19	RX1	MAYA	
		LTE:B5/8/12/13/17/18/19/20/26/28/71	RX1		
		NR:N5/8/12/20/26/28/71	RX1		
	MB	GSM:1800/1900	TX&RX0		
		LTE:B12/3/4/11/21/25/34/39/66 & NR:N1/3/66	TX&RX0		
		NR:N1/2/3/25/66	TX&RX0		
	HB	LTE:B7/30/38/40/41 & NR:N7/38/40/41	RX3		
ANT7	WCN	BT & 2.4/5/6/6E/7 WIFI & GPS (L1)	TRX	MAYA	MY-P9301-ANT7-V1-MP-20260820
ANT8	WCN	2.4/5/6/6E/7 WIFI & GPS (L5)	TRX	MAYA	MY-P9301-ANT8-V1-MP-20260820
ANT9	NFC	NFC		HXW	P9301—NFC-HXW-V0.2
ANT10	WCN	2.4/5/6/6E/7 WIFI	RX	MAYA	MY-P9301-ANT10-V1-MP-20260820

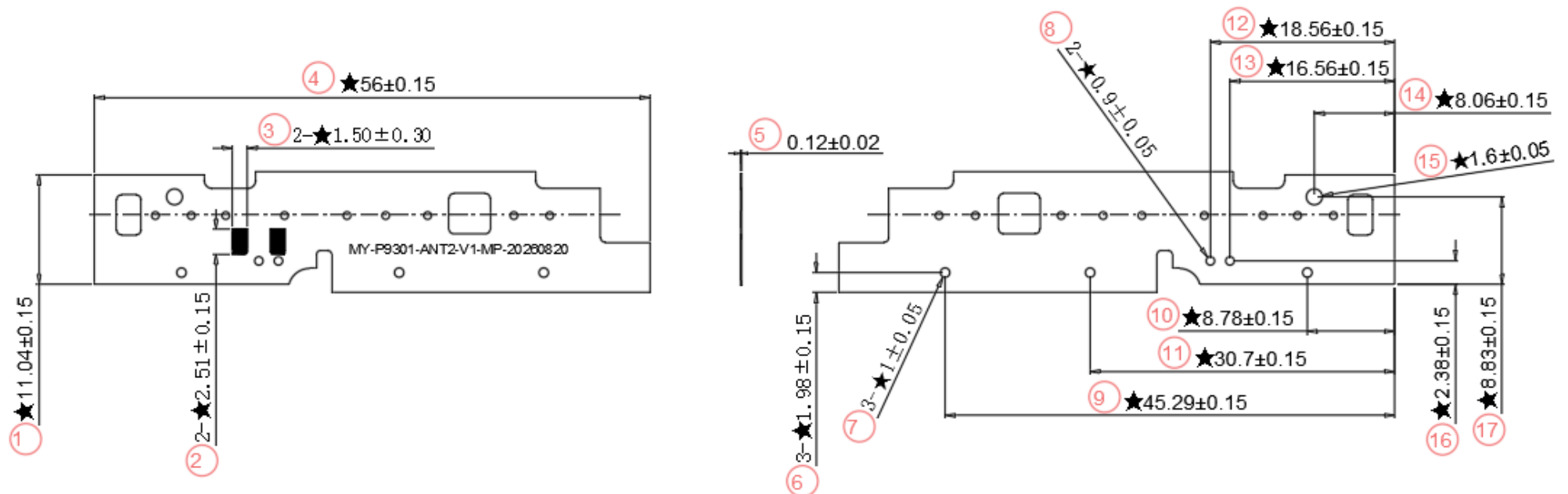
MAYA(Shenzhen Maya Communication Equipment Co., Ltd):Room 205, Building B, No. 1, Qishenghu Digital Valley, 8 Que Shan Road, Longhua District, Shenzhen

HXW(Shenzhen Huaxin Micro-Communication Technology Co., Ltd):No. 5C, Building 5, Skyworth Innovation Valley, Tangtou 1st Road, Shizhuan Subdistrict, Bao'an District, Shenzhen

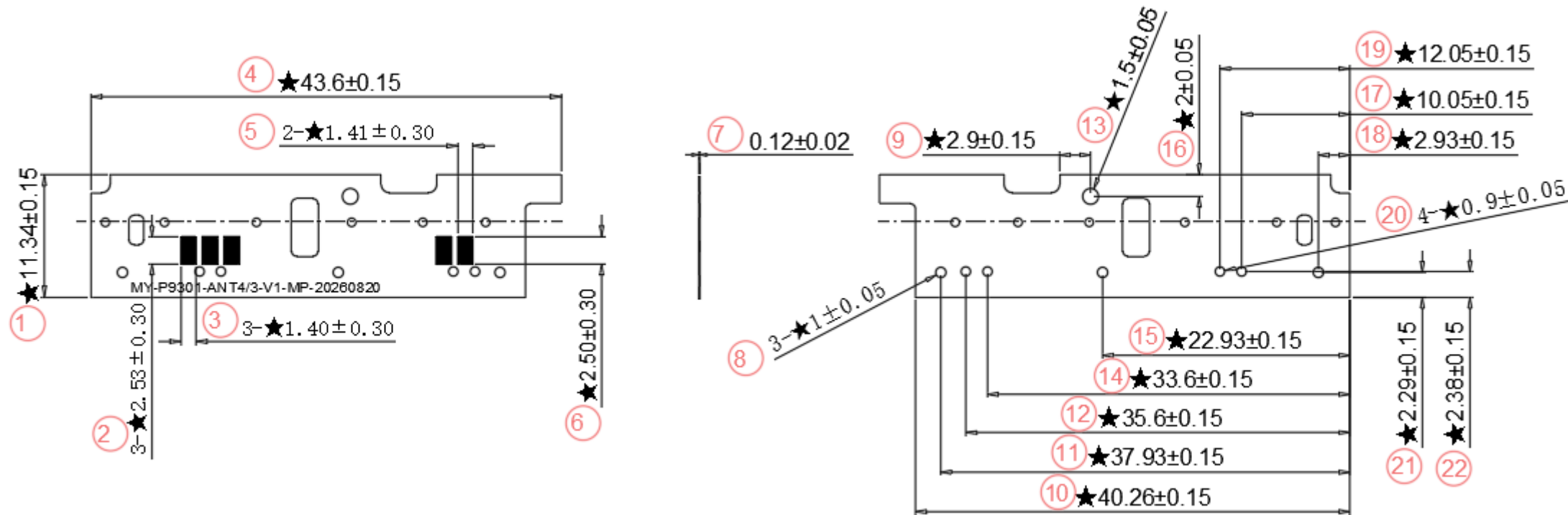
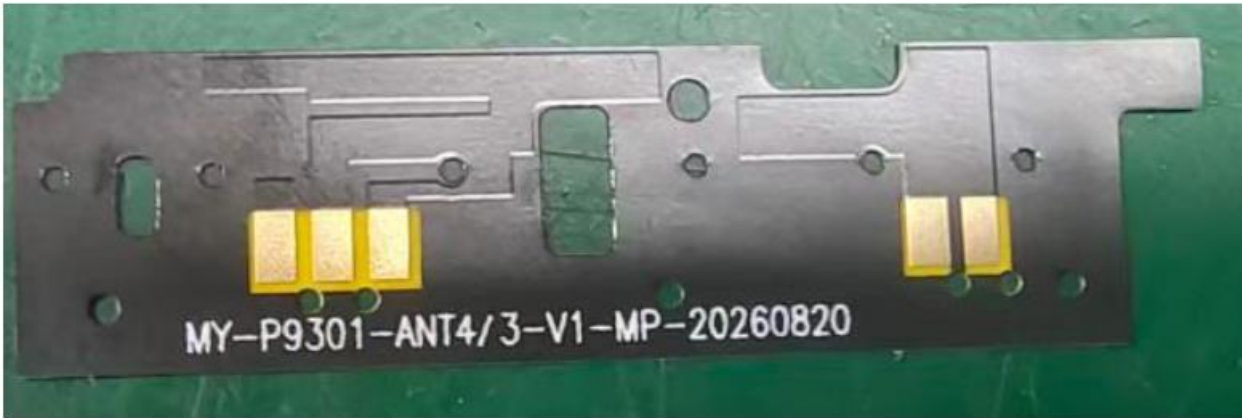
ANT1:MY-P9301-ANT1-V1-MP-20260820



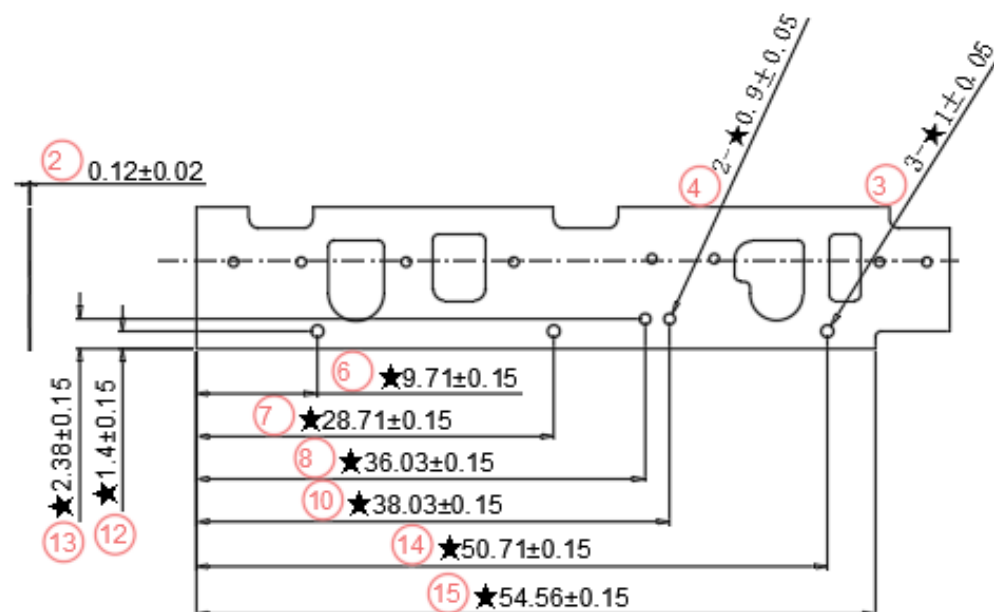
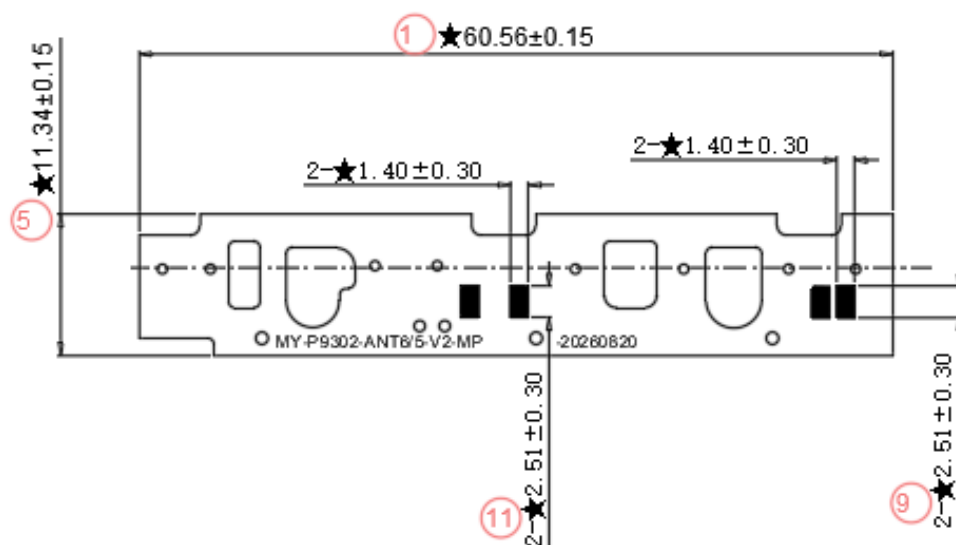
ANT2:MY-P9301-ANT2-V1-MP-20260820



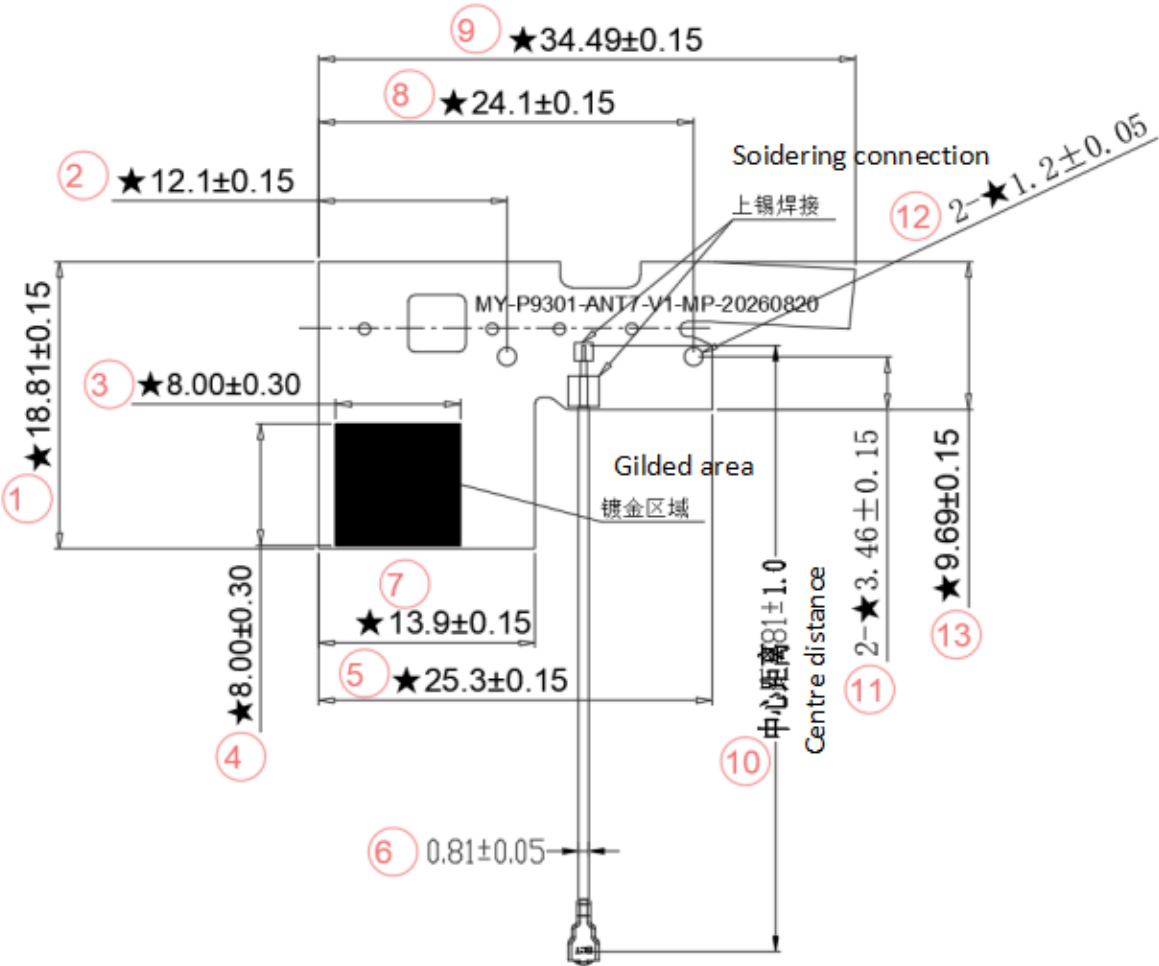
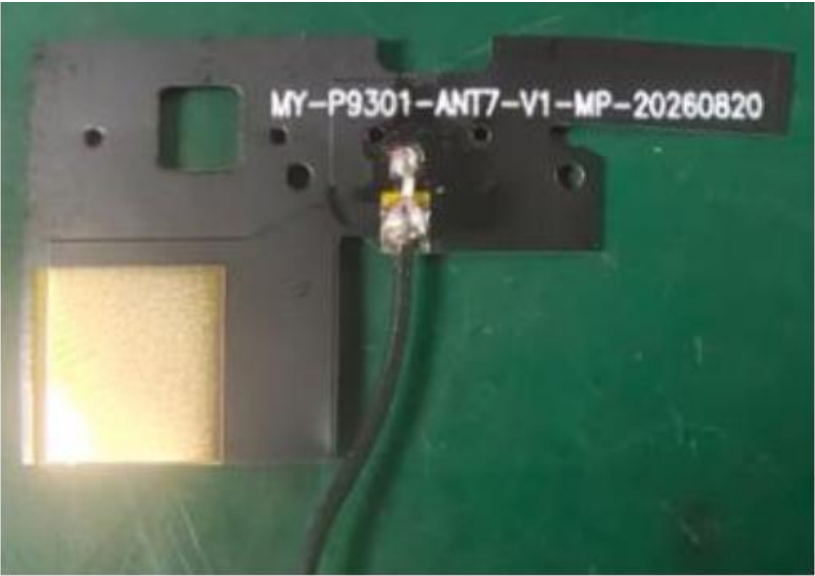
ANT3/4:MY-P9301-ANT4/3-V1-MP-20260820



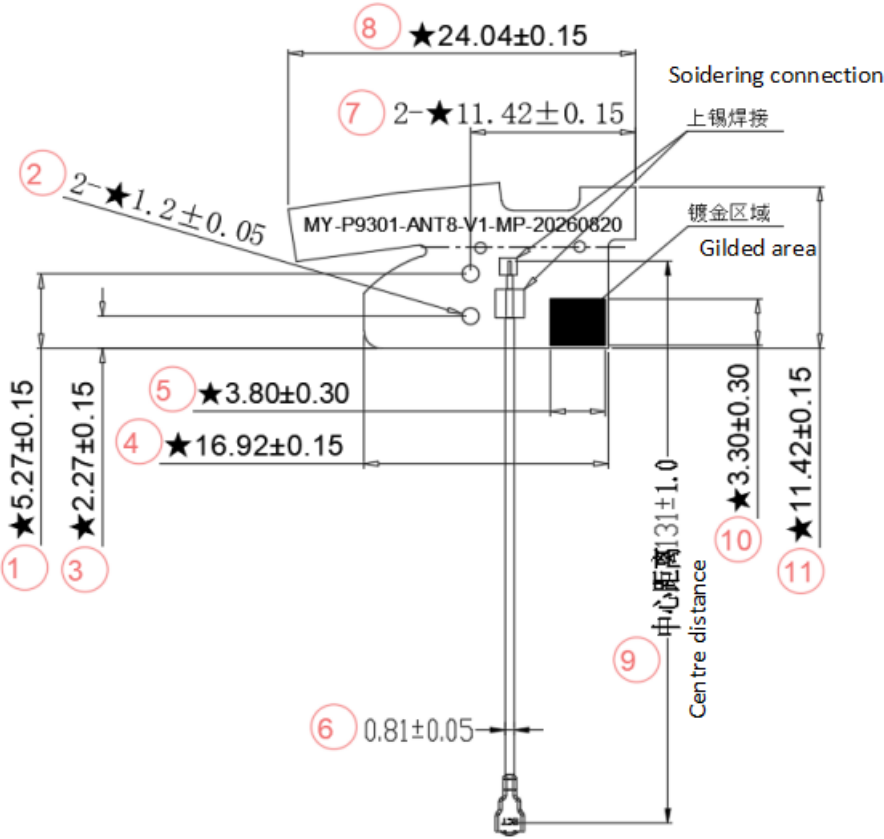
ANT5/6:MY-P9301-ANT6/5-V1-MP-20260820



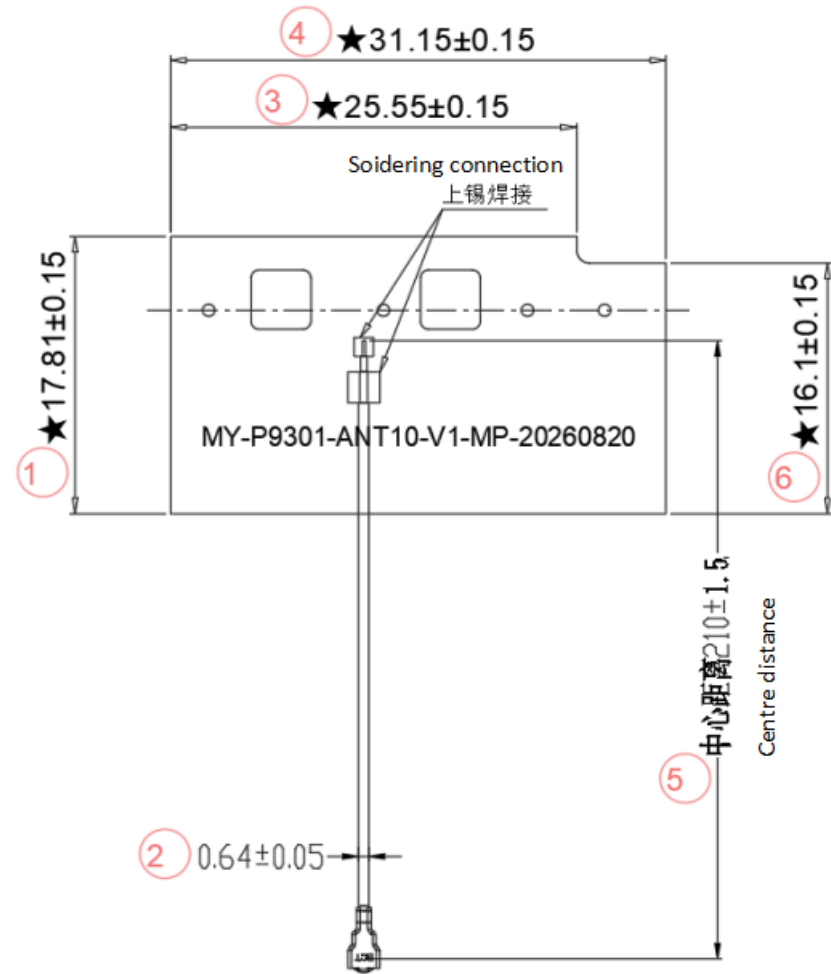
ANT7:MY-P9301-ANT7-V1-MP-20260820



ANT8:MY-P9301-ANT8-V1-MP-20260820



ANT10:MY-P9301-ANT10-V1-MP-20260820



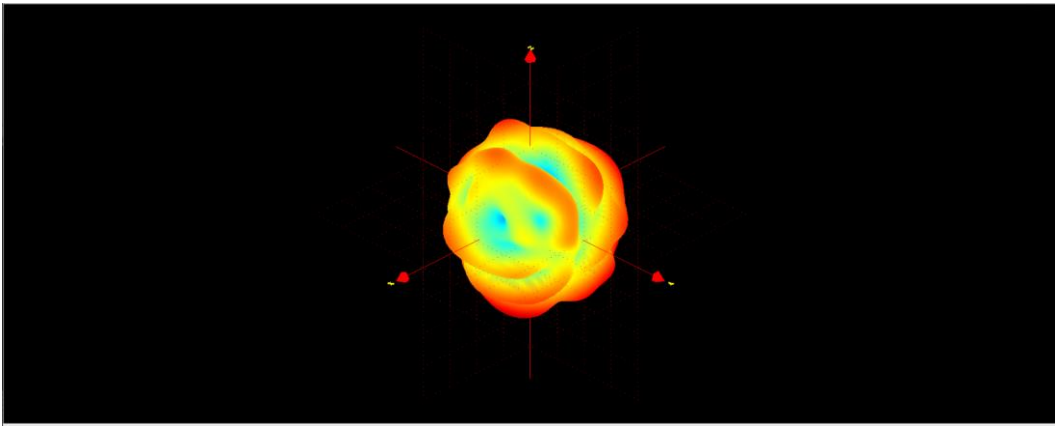
Gain (GSM+WCMDA+LTE+NR)

Band	Gain . dB	Band	Gain . dB
GSM850	-4.5	B34	-5.58
GSM900	-0.44	B38	1.2
DCS1800	1.15	B39	-5.55
PCS1900	-5.55	B40	-1.46
W1	-5.58	B41	1.2
W2	-5.55	B42	-0.63
W4	1.15	B43	-0.63
W5	-4.5	B48	-0.63
W8	-0.44	B66	1.15
W19	-4.5	B71	-7.71
B1	-5.58	N1	-5.58
B2	-5.55	N2	-5.55
B3	1.15	N3	1.15
B4	1.15	N5	-4.5
B5	-4.5	N7	1.2
B7	1.2	N8	-0.44
B8	-0.44	N12	-3.44
B11	-4.84	N20	-4.5
B12	-3.44	N25	-5.55
B13	-3.44	N26	-4.5
B17	-3.44	N28	-3.44
B18	-4.5	N38	1.2
B19	-4.5	N40	-1.46
B20	-4.5	N41	1.2
B21	-4.84	N66	1.15
B25	-5.55	N71	-7.71
B26	-4.5	N77	1.15
B28	-3.44	N78	-0.63
B30	-1.46	N79	-2.44

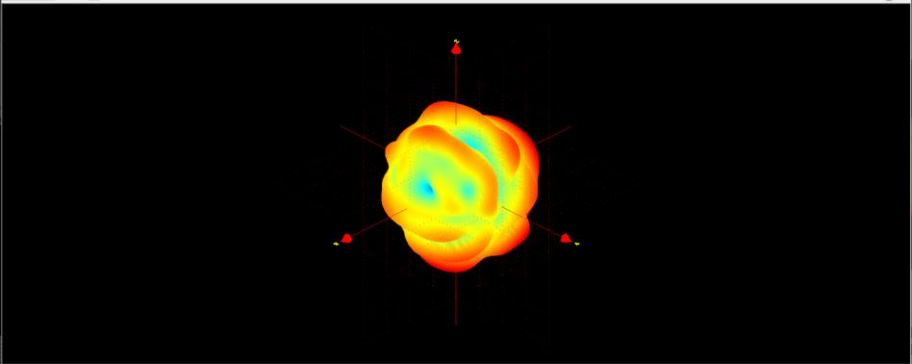
Efficient (WIFI) 2.4G-WIFI/BT 2400-2500MHz (ANT7))

Frequency(Mhz)	Gain . dB
2400	2.70
2410	2.86
2420	3.07
2430	3.09
2440	3.06
2450	3.11
2460	3.21
2470	3.23
2480	3.28
2490	3.29
2500	3.23

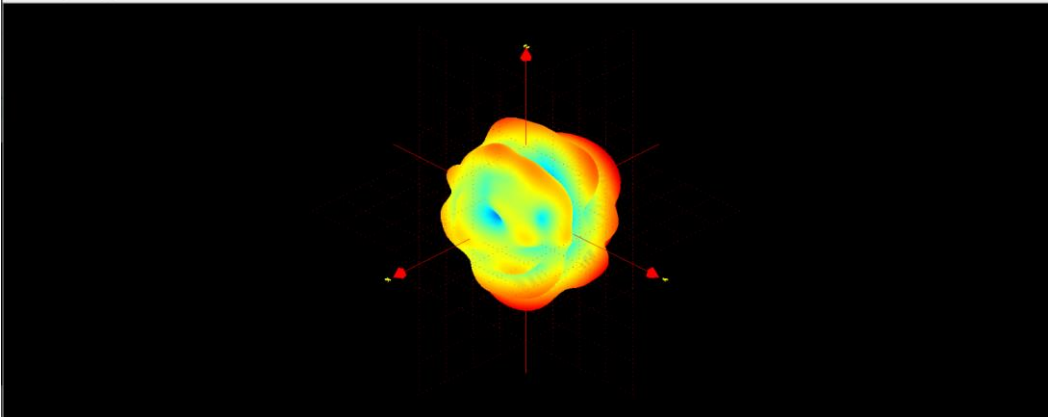
2400Mhz



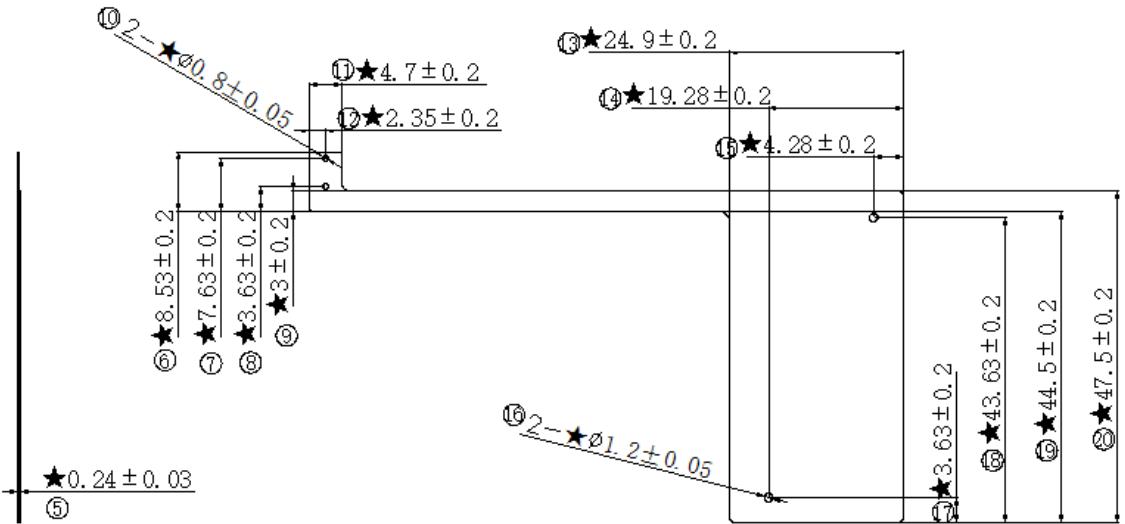
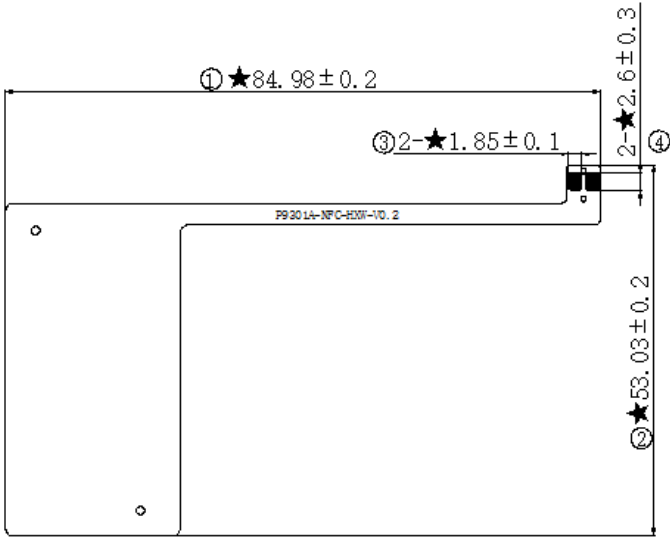
2450Mhz



2500Mhz



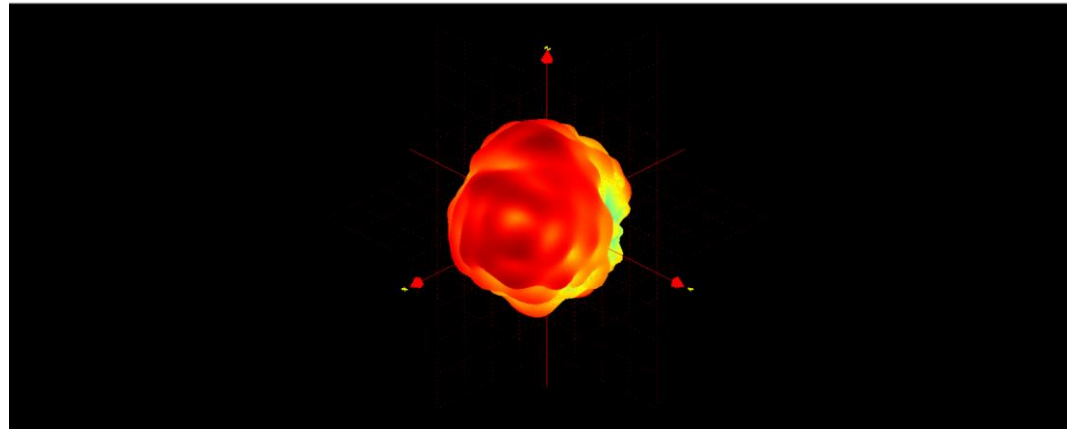
ANT9:P9301--NFC-HXW-V0.2



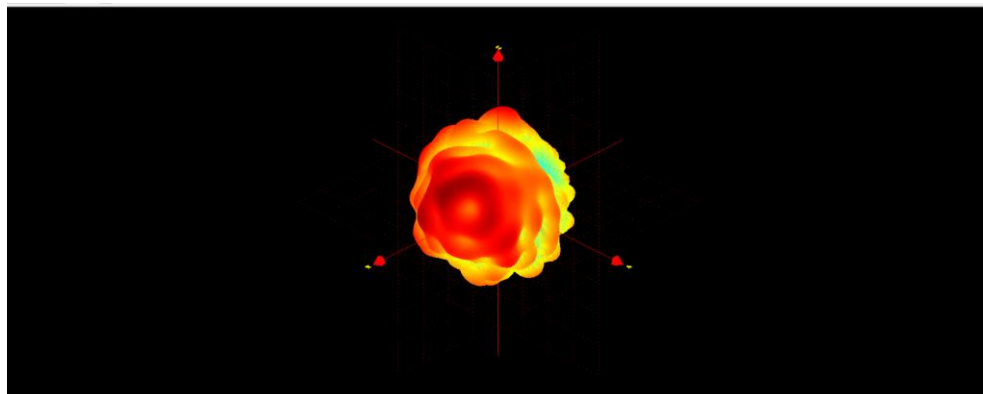
Efficient (WIFI 0 5.8-WIFI/ 5150~5850Mhz (ANT7))

Frequency(Mhz)	Gain . dB
5150	0.85
5200	0.53
5250	0.78
5300	1.13
5350	2.03
5400	2.65
5450	2.81
5500	3.15
5550	3.47
5600	3.29
5650	3.72
5700	3.92
5750	3.98
5800	4.24
5850	3.73

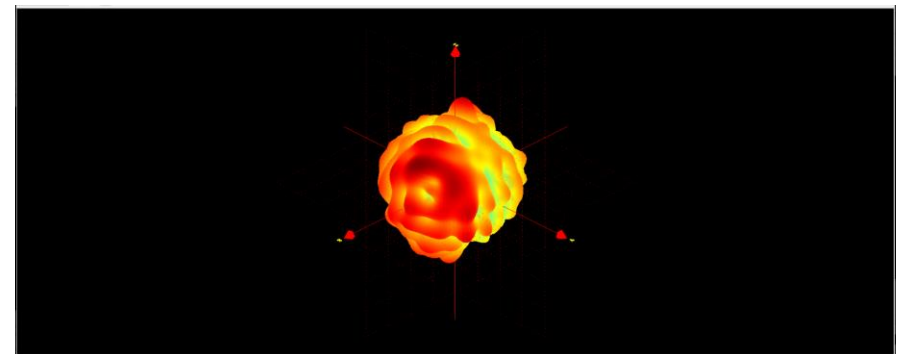
5150Mhz



5500Mhz

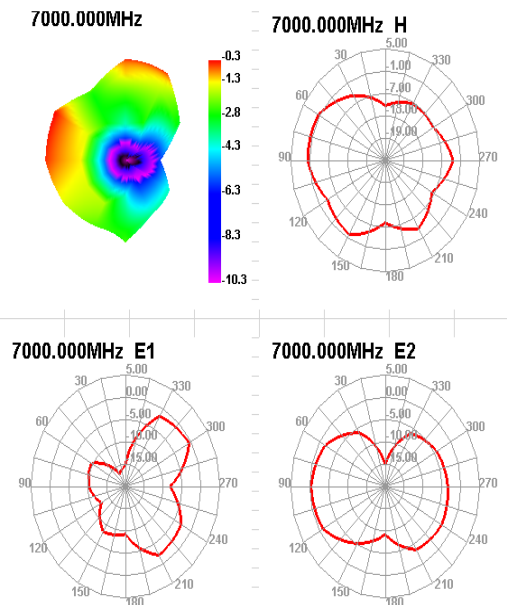
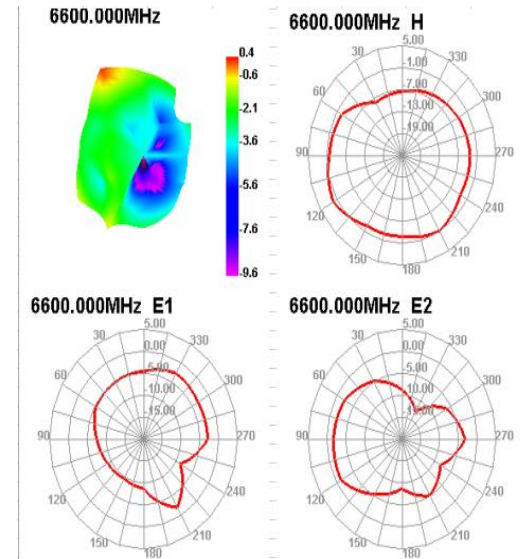
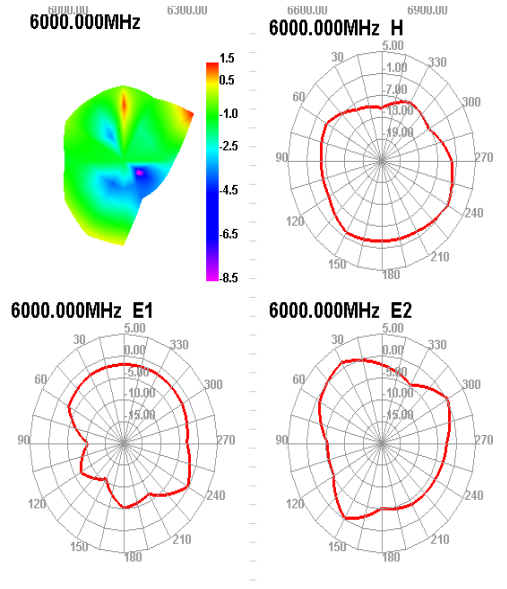


5850Mhz



Efficient WIFI 0-6/6E/7 5925-7125 MHz (ANT7))

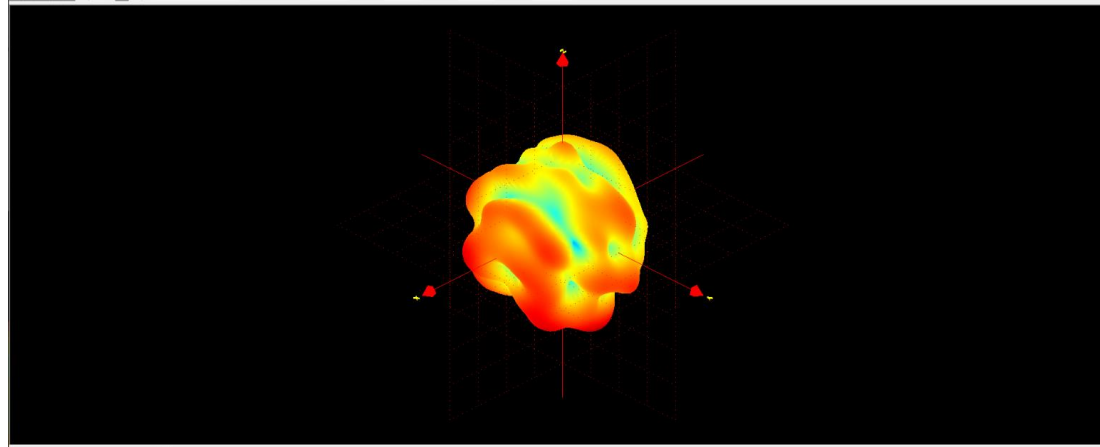
Freq (MHz)	Gain (dBi)
6000	1.45
6050	1.66
6100	0.74
6150	0.59
6200	1.01
6250	0.76
6300	0.82
6350	0.38
6400	0.5
6450	0.4
6500	0.64
6550	0.69
6600	0.35
6650	-0.34
6700	-0.25
6750	0.65
6800	0.28
6850	0.57
6900	0.54
6950	0.17
7000	-0.28
7050	-0.65
7100	0.29
7150	-0.09
7200	-0.16



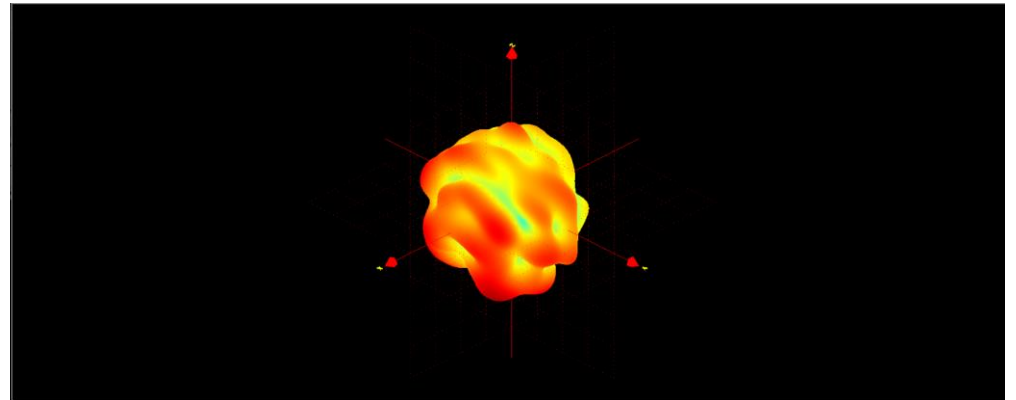
Efficient (WIFI 1 2.4G-WIFI/BT 2400-2500MHz (ANT8))

Frequency(Mhz)	Gain . dB
2400	3.37
2410	3.35
2420	3.32
2430	3.36
2440	3.25
2450	3.21
2460	3.19
2470	3.22
2480	3.29
2490	3.33
2500	3.31

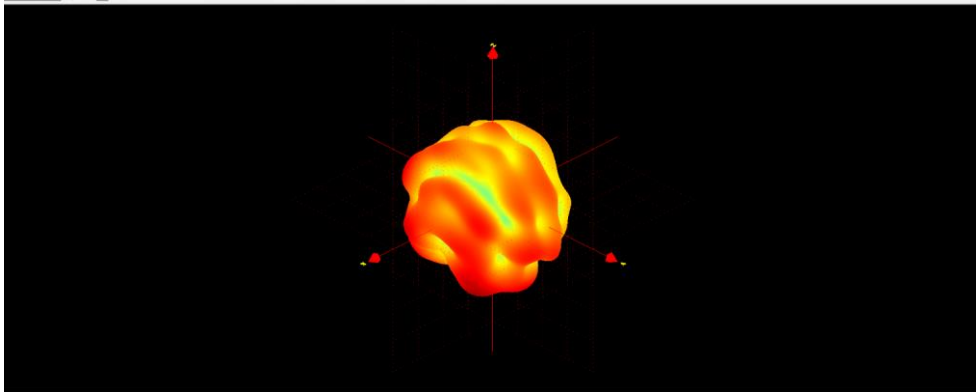
2400Mhz



2500Mhz



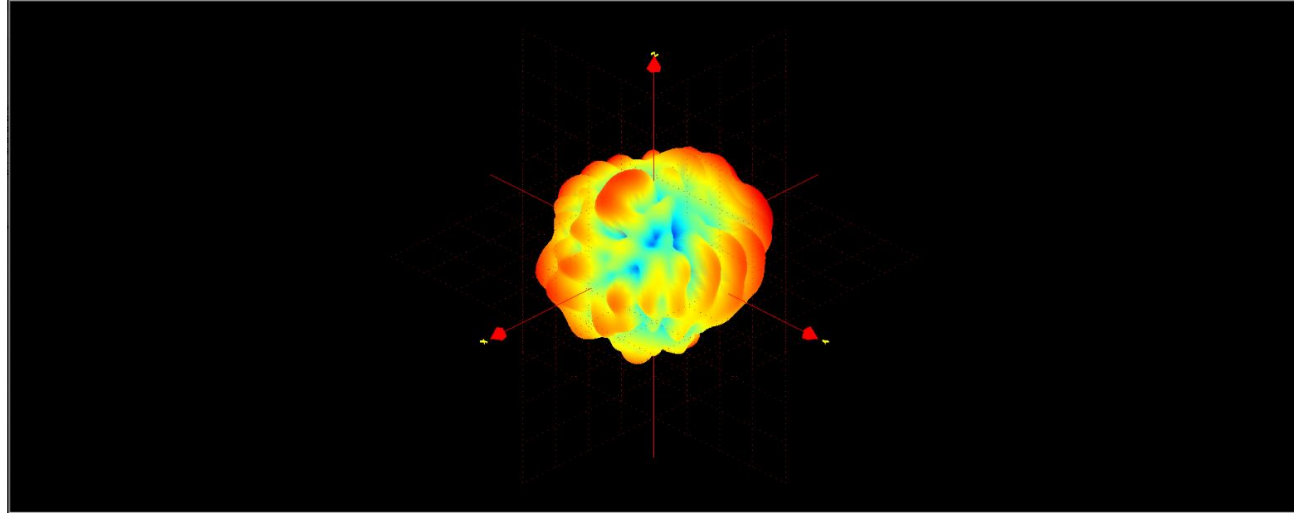
2450Mhz



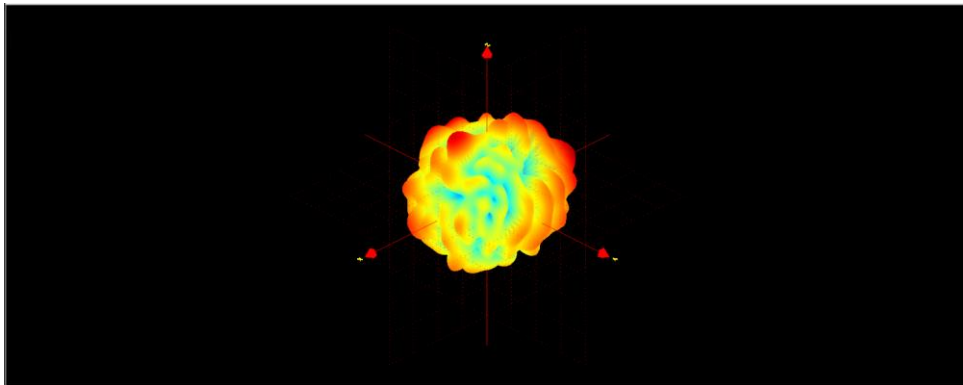
Efficient (WIFI 1 5.8-WIFI/ 5150~5850Mhz (ANT8))

Frequency(Mhz)	Gain . dB
5150	2.86
5200	2.61
5250	2.50
5300	2.00
5350	2.37
5400	2.21
5450	1.98
5500	1.97
5550	2.24
5600	2.39
5650	2.99
5700	3.12
5750	2.94
5800	2.87
5850	3.07

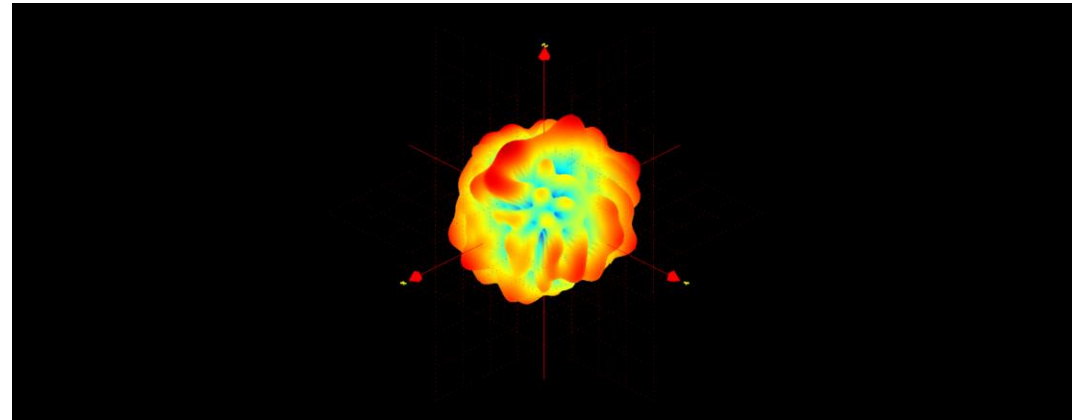
5150Mhz



5500Mhz



5850Mhz



Efficient WIFI 1-6/6E/7 5925-7125 MHz (ANT8))

Freq (MHz)	Gain (dBi)
6000	0.27
6050	0.19
6100	-0.59
6150	0.28
6200	1.2
6250	0.15
6300	-1.72
6350	-1.37
6400	-0.54
6450	-1.13
6500	-1.46
6550	-1.06
6600	-0.79
6650	-1.27
6700	-0.77
6750	-0.32
6800	-1.06
6850	-2.59
6900	-1.46
6950	-2.72
7000	-3.83
7050	-3.43
7100	-2.96
7150	-3.38
7200	-2.69

