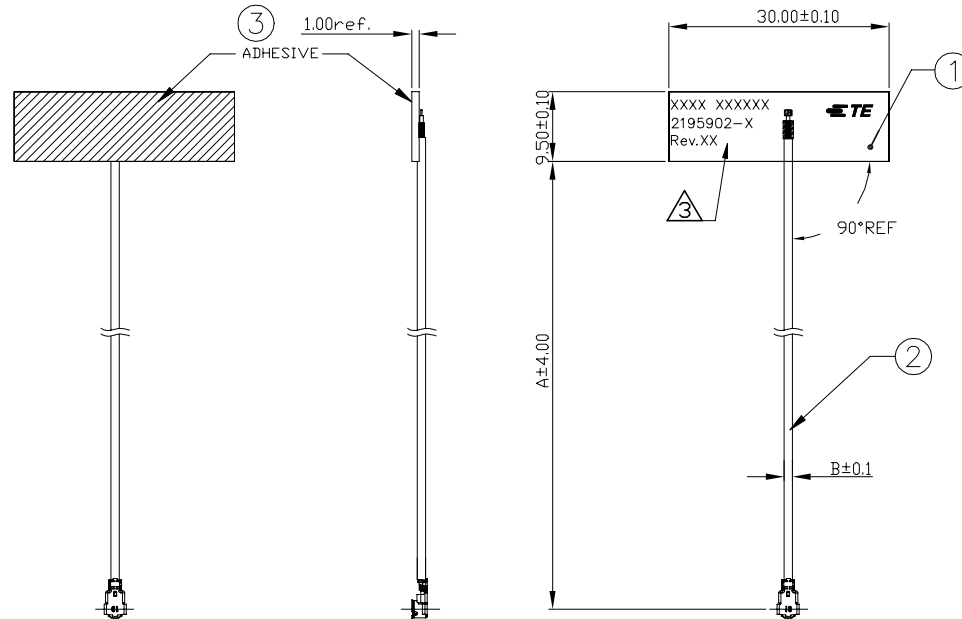


P	LTR	DESCRIPTION	DATE	DN	APD
1		NEW DRAWING	18MAY2021	DC	AC

1. MATERIALS : REFER TO TABLE.
2. A: ALL MATERIALS, COMPONENTS AND PROCESSES SHALL COMPLY WITH TEC-138-702 (CONTAINS NO BANNED OR RESTRICTED SUBSTANCES)
- B: NO REACH SVHC SHALL BE CONTAINED ABOVE THE THRESHOLD AS DEFINED IN REACH SVHC
- C: LOW HALOGEN: CODE 2(Br<900PPM, Cl<900PPM, Br+Cl<1500PPM PER HOMOGENEOUS MATERIAL) COMPLIANCE DEFINITION IN ANNEX A
- △ IDENTIFICATION INCLUDES : FOUR DIGIT DATE CODE(FIRST 2 DIGITS FOR THE WEEK CODE AND THE 2ND TWO DIGITS FOR THE YEAR CODE), MANUFACTURING CONTROL NUMBER, TE PART NUMBER & REVISION NO.



TE Connectivity plc
Parkmore Business Park West,
Parkmore,
H91VN2T Ballybrit,
Galway, Ireland

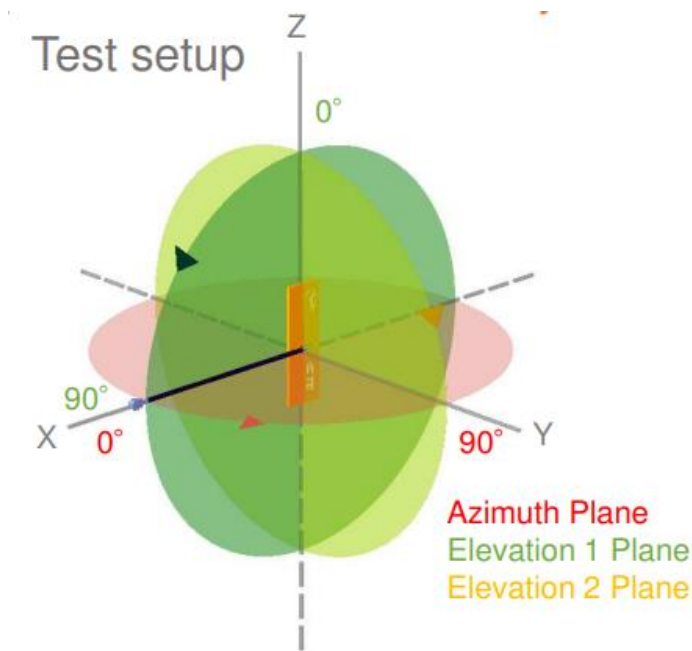
Gain: 2dBi

(MHF1 TYPE)	1.13	500	2195902-3
		350	2195902-1
		180	2195902-2
CONNECTOR TYPE	B	A	PART NUMBER
	DIMENSION		

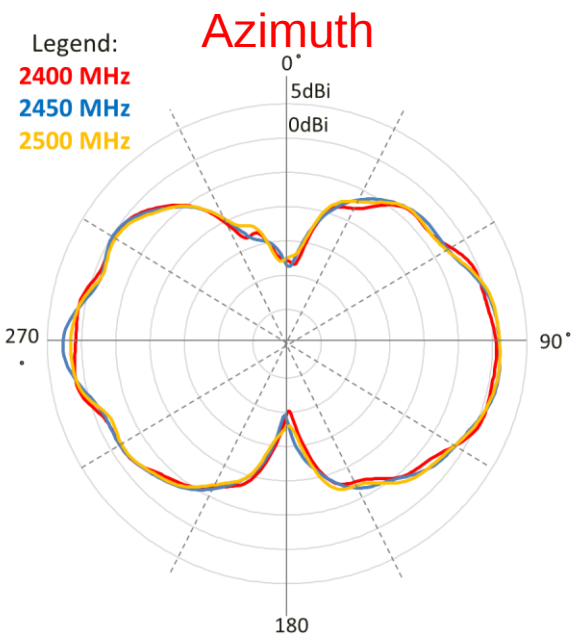
ADHESIVE	TAPE	3
COAXIAL CABLE & CONN	CABLE ASSY	2
FR-4	PCB ANTENNA	1
MATERIAL	NAME	ITEM NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DN DC HSIANG 22OCT2018	OR AKU HUANG 22OCT2018	NAME AMOS CHEAH 22OCT2018	TE Connectivity Ltd.
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		WLAN DUAL BAND ANTENNA PCB V	
0 PLC ± -		1 PLC ± -		2 PLC ± -	
3 PLC ± -		4 PLC ± -		APPROXIMATE FINISH	
MATERIAL		WEIGHT		CUSTOMER DRAWING	
-		-		A200779C=2195902	
SCALE 1:1		SHEET 1 of 2		REV 1	

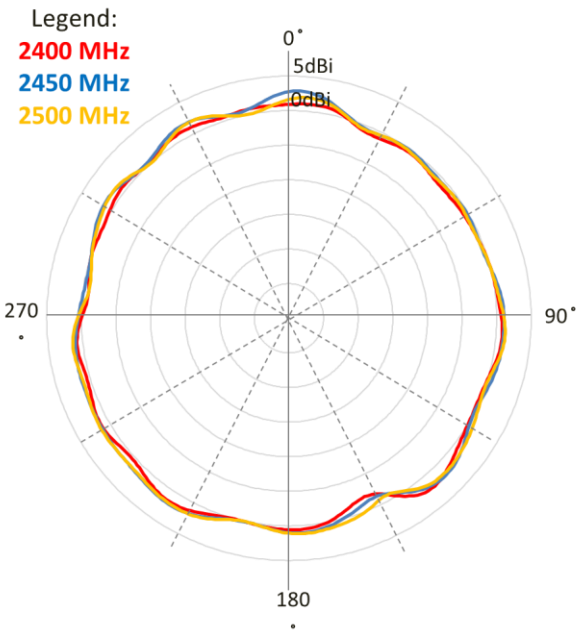
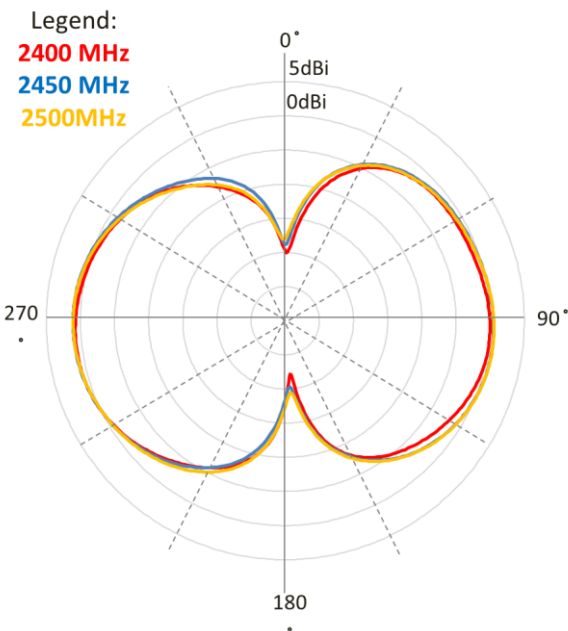
RADIATION PATTERN



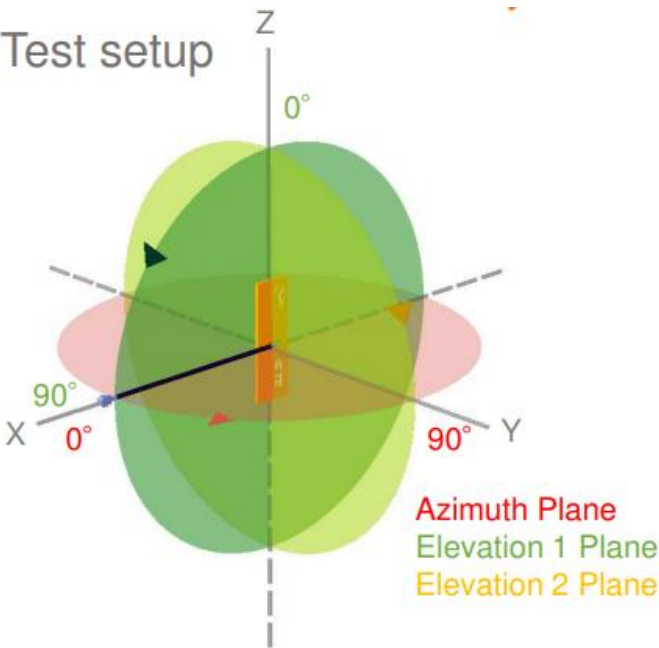
Elevation 1



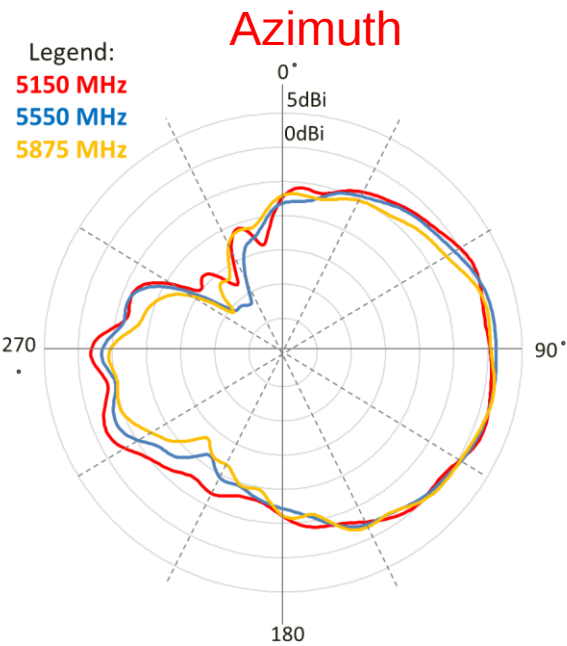
Elevation 2



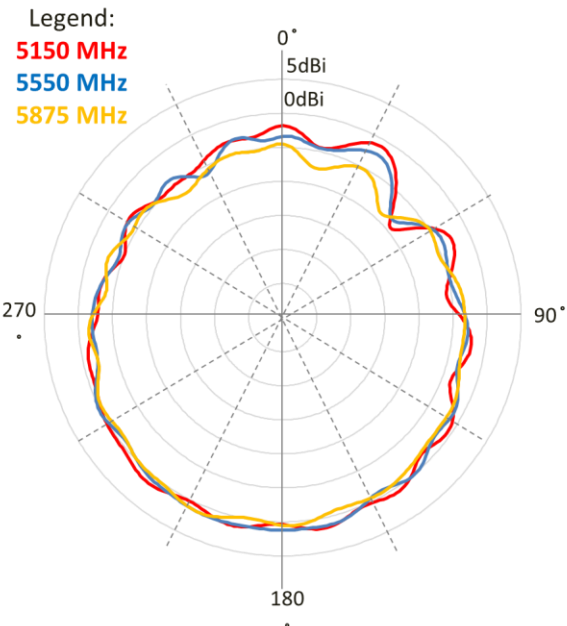
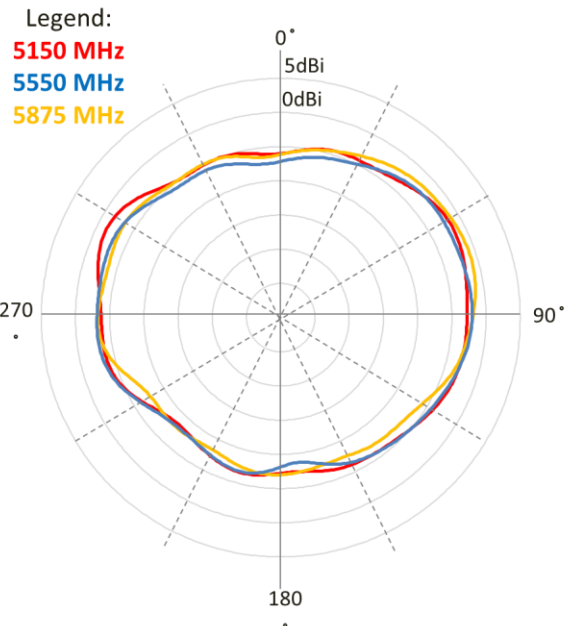
RADIATION PATTERN



Elevation 1

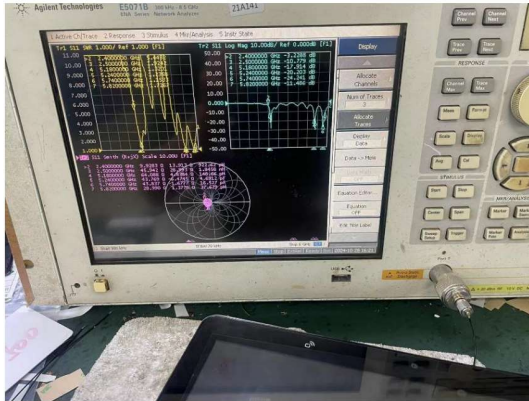


Elevation 2



天线相关数据

WiFi-0天线驻波回损



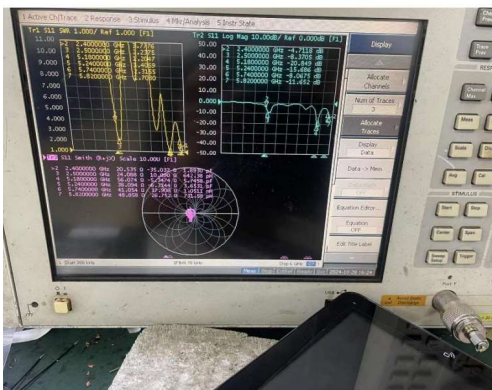
WiFi-0天线效率

Passive Test For WIFI2.4		
Freq (MHz)	Effi (%)	Gain (dBi)
2400	31.75	1.36
2410	29.86	1.22
2420	31.72	1.5
2430	34.63	1.86
2440	39.28	2.33
2450	39.6	2.26
2460	42.24	2.36
2470	42.21	2.22
2480	47.67	2.68
2490	45.47	2.39
2500	41.62	1.95

Passive Test For WIFI5.8		
Freq (MHz)	Effi (%)	Gain (dBi)
5150	32.49	1.35
5200	26.92	0.77
5250	26.62	0.2
5300	27.66	0.02
5350	26.95	0.3
5400	25.52	0.58
5450	27.3	0.82
5500	30.28	0.93
5550	33.28	1.13
5600	28.9	0.41
5650	27.6	0.51
5700	46.32	2.84
5750	34.1	1.41
5800	35.64	1.47
5850	39.83	1.68

天线相关数据

WiFi-1天线驻波回损

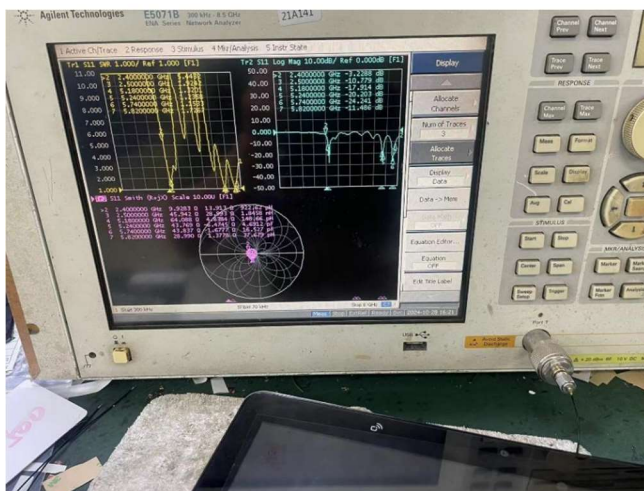


Passive Test For WIFI2.4		
Freq (MHz)	Effi (%)	Gain (dBi)
2400	25.51	-0.94
2410	30.92	-0.13
2420	32.04	-0.05
2430	33.38	0.08
2440	42.03	1.07
2450	48.21	1.72
2460	44.23	1.27
2470	37.96	0.48
2480	46.19	1.17
2490	43.39	0.76
2500	37.25	0.18

Passive Test For WIFI5.8		
Freq (MHz)	Effi (%)	Gain (dBi)
5150	48.05	2.19
5200	37.51	0.84
5250	37.63	0.45
5300	37.42	0.49
5350	39.36	1.26
5400	35.22	0.48
5450	34.29	0.65
5500	35.49	1.05
5550	36.51	1.09
5600	35.89	1.41
5650	32.61	1.48
5700	53.03	4.2
5750	40.53	3.75
5800	37.18	3.66
5850	41.65	4.43

天线相关数据

蓝牙天线驻波回损



蓝牙天线效率

Passive Test For WIFI2.4		
Freq (MHz)	Effi (%)	Gain (dBi)
2400	31.75	1.36
2410	29.86	1.22
2420	31.72	1.5
2430	34.63	1.86
2440	39.28	2.33
2450	39.6	2.26
2460	42.24	2.36
2470	42.21	2.22
2480	47.67	2.68
2490	45.47	2.39
2500	41.62	1.95