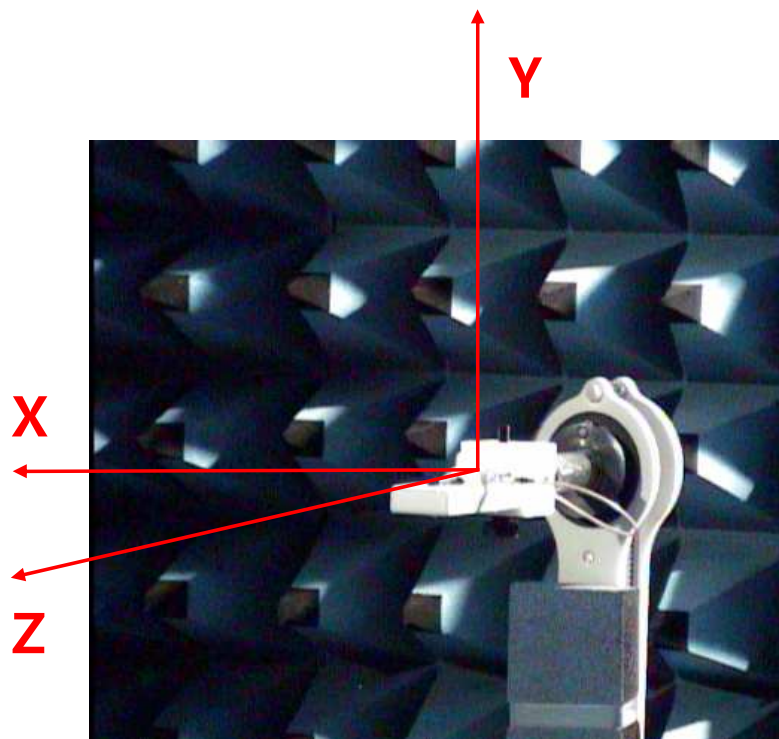


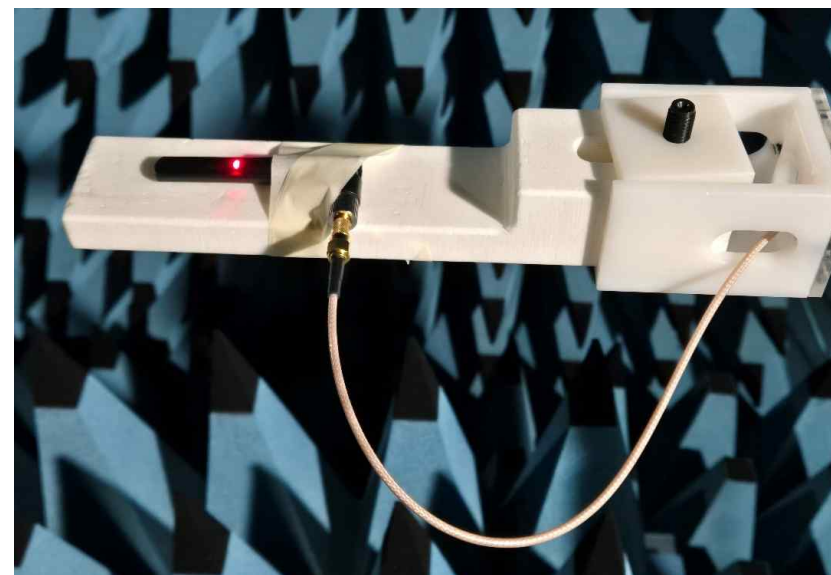
WiFi-DB1-D-02-out antenna radiation pattern Data

2024. 11. 06.

Measurement environment



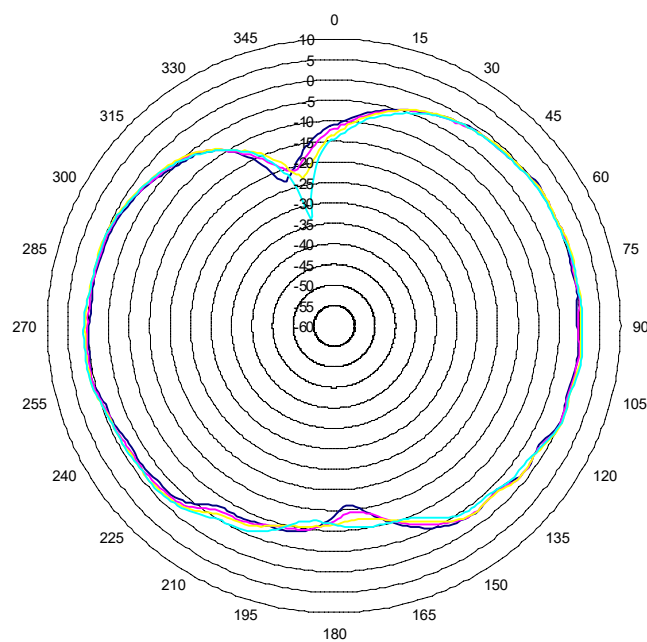
E1-ZX Plane
E2-ZY Plane
H -XY Plane



2,400M-BWT-N1-E1

2-D Radiation Pattern

EUT		Antenna Type	WiFi-DB1-D-02-out-E1	Comment	
EUT Version		Antenna Number		2400M, N1, ZX	
Test Date	Wed 16/Oct/2024 11:02:04	Rotating Axis	Theta Axis		
Tester	KKJ	Polarization	Theta Polarization		



f	Avg	Peak	Min	HPBW
MHz	dBi	dBi deg	dBi deg	deg
1 2400	-2.67	0.64 56	-23.00 342	103.32
2 2420	-2.47	0.60 258	-20.91 346	83.42
3 2440	-2.17	0.96 262	-23.19 348	83.14
4 2480	-2.25	1.19 261	-33.44 348	80.21

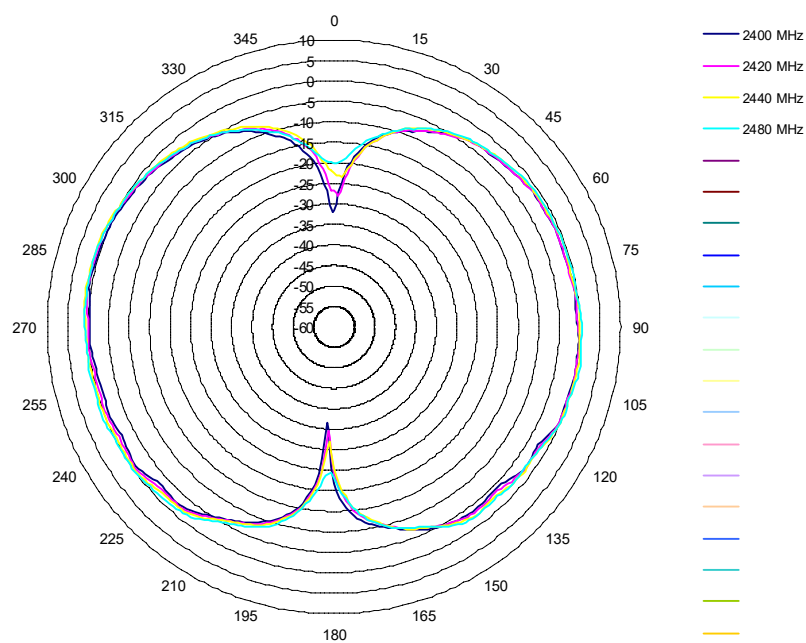
Avg -2.38 dBi

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2,400M-BWT-N1-E2

2-D Radiation Pattern

EUT		Antenna Type	WiFi-DB1-D-02-out-E2	Comment	
EUT Version		Antenna Number		2400M, N1, ZY	
Test Date	Wed 16/Oct/2024 11:04:45	Rotating Axis	Theta Axis		
Tester	KKJ	Polarization	Theta Polarization		



f	Avg	Peak	Min	HPBW
MHz	dBi	dBi deg	dBi deg	deg
1 2400	-2.98	0.65 280	-36.64 184	83.75
2 2420	-2.67	1.05 279	-34.58 183	84.99
3 2440	-2.26	1.28 279	-31.84 182	90.20
4 2480	-2.12	1.13 273	-24.42 181	96.18

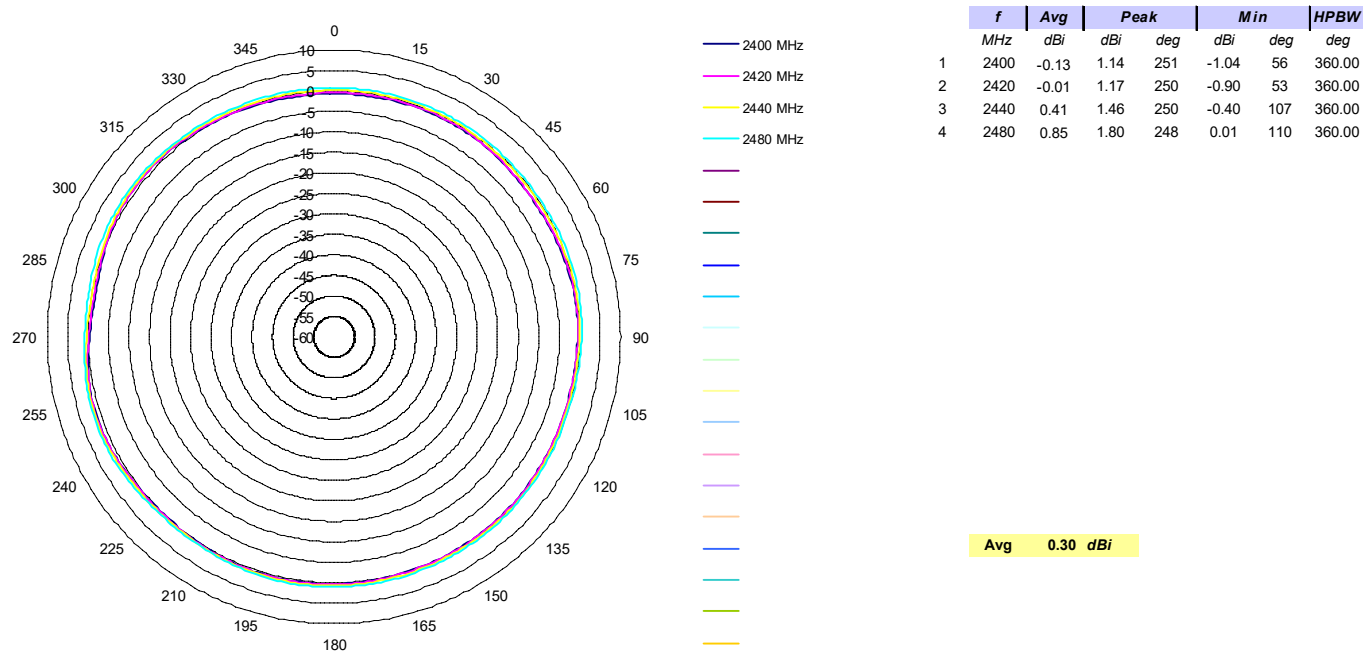
Avg -2.49 dBi

Aplustech

2,400M-BWT-N1-H

2-D Radiation Pattern

EUT		Antenna Type	WiFi-DB1-D-02-out-H	Comment	
EUT Version		Antenna Number		2400M, N1, XY	
Test Date	Wed 16/Oct/2024 11:07:21	Rotating Axis	Phi Axis		
Tester	KKJ	Polarization	Theta Polarization		

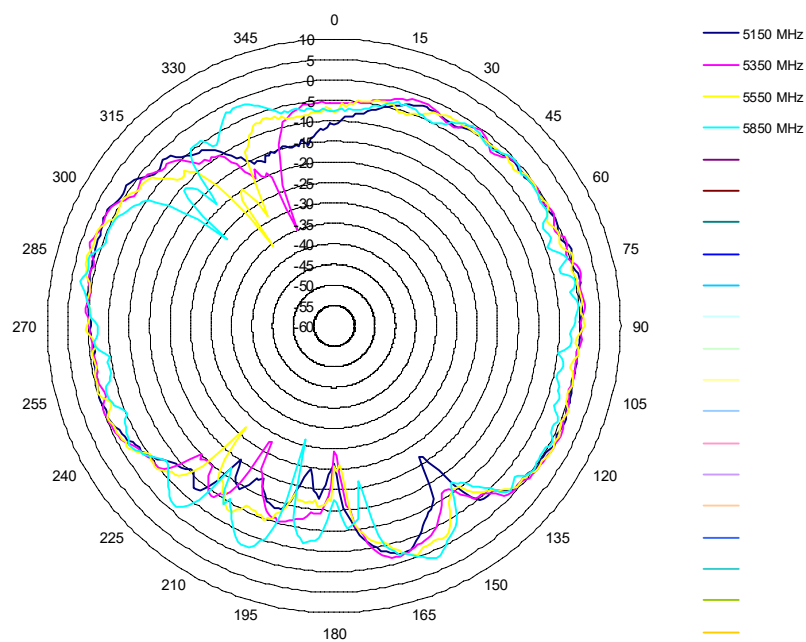


Aplustech

5,000M-BWT-N1-E1

2-D Radiation Pattern

EUT		Antenna Type	WiFi-DB1-D-02-out-E1	Comment	
EUT Version		Antenna Number		5000M, N1, ZX	
Test Date	Wed 16/Oct/2024 11:09:26	Rotating Axis	Theta Axis		
Tester	KKJ	Polarization	Theta Polarization		



f	Avg	Peak	Min	HPBW
MHz	dBi	dBi deg	dBi deg	deg
1 5150	-2.38	2.16 297	-26.52 180	40.97
2 5350	-2.08	2.91 289	-35.01 339	30.11
3 5550	-2.35	2.56 286	-35.64 323	28.32
4 5850	-2.83	2.76 280	-31.45 194	14.82

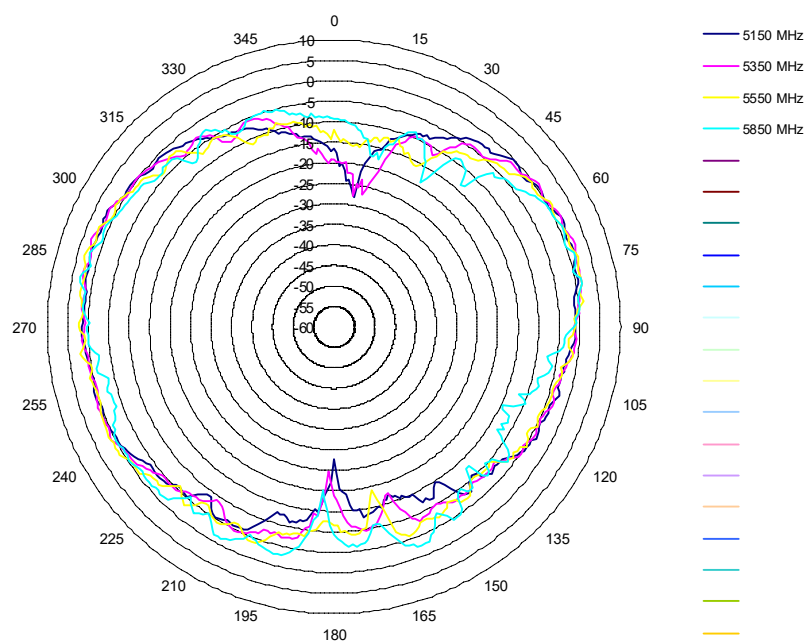
Avg -2.40 dBi

Aplustech

5,000M-BWT-N1-E2

2-D Radiation Pattern

EUT		Antenna Type	WiFi-DB1-D-02-out-E2	Comment	
EUT Version		Antenna Number		5000M, N1, ZY	
Test Date	Wed 16/Oct/2024 11:12:02	Rotating Axis	Theta Axis		
Tester	KKJ	Polarization	Theta Polarization		



f	Avg	Peak	Min	HPBW
MHz	dBi	dBi deg	dBi deg	deg
1 5150	-2.69	2.11 289	-28.04 9	69.14
2 5350	-2.50	2.95 290	-27.65 8	44.57
3 5550	-2.55	3.34 286	-18.94 167	40.23
4 5850	-3.16	3.16 281	-19.97 184	23.80

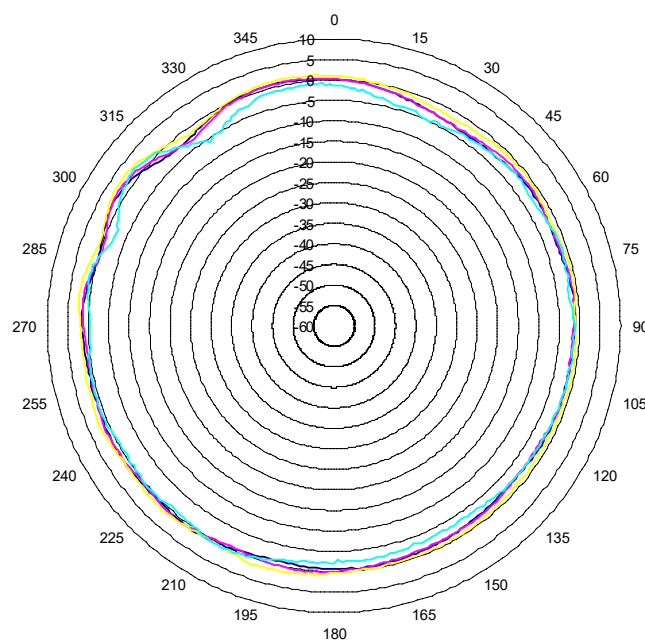
Avg -2.72 dBi

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5,000M-BWT-N1-H

2-D Radiation Pattern

EUT		Antenna Type	WiFi-DB1-D-02-out-H	Comment	
EUT Version		Antenna Number		5000M, N1, XY	
Test Date	Wed 16/Oct/2024 11:14:17	Rotating Axis	Phi Axis		
Tester	KKJ	Polarization	Theta Polarization		



f	Avg	Peak	Min	HPBW
MHz	dBi	dBi deg	dBi deg	deg
1 5150	-0.51	1.77 300	-3.41 32	158.30
2 5350	-0.47	2.04 302	-3.18 29	146.05
3 5550	0.46	3.03 306	-1.76 30	141.47
4 5850	-1.35	2.23 308	-5.91 326	18.49

Avg -0.42 dBi

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