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Attracting Tomorrow

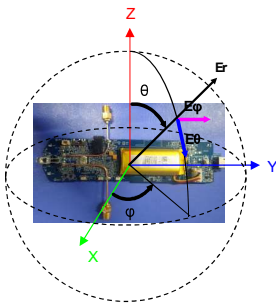


TDK Antenna Measurement

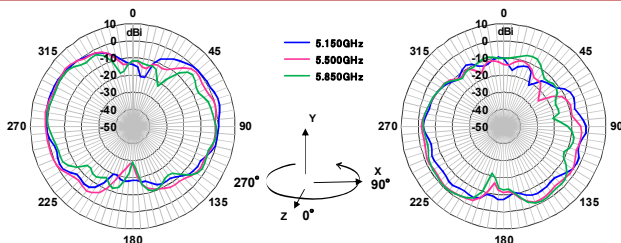
TDK Corporation
Communication Devices Business Group
May. 18th, 2020

Radiation Pattern (5GHz Band)

PRODUCT ORIENTATIONS



X-Z PLANE

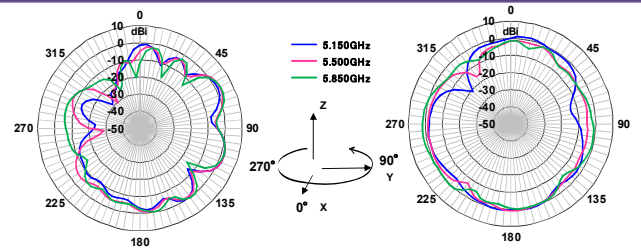


Horizontal Polarization			
	5.150GHz	5.500GHz	5.850GHz
Average[dB]	-2.3	-2.6	-4.5
Maximum[dB]	2.3	1.6	0.9
Minimum[dB]	-20.7	-28.3	-28.9

Vertical Polarization			
	5.150GHz	5.500GHz	5.850GHz
Average[dB]	-6.29	-5.24	-5.55
Maximum[dB]	-1.52	-1.05	-0.65
Minimum[dB]	-21.59	-24.73	-21.54

P2_initial

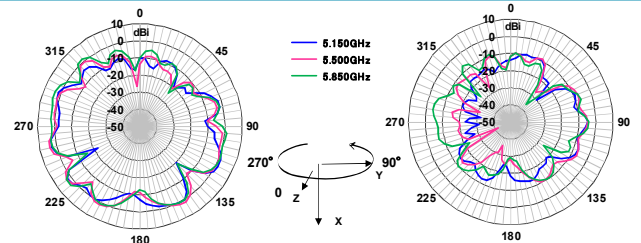
X-Y PLANE



Horizontal Polarization			
	5.150GHz	5.500GHz	5.850GHz
Average[dB]	-4.5	-3.7	-3.6
Maximum[dB]	1.8	2.8	3.1
Minimum[dB]	-29.0	-30.2	-24.6

Vertical Polarization			
	5.150GHz	5.500GHz	5.850GHz
Average[dB]	-2.3	-2.8	-1.8
Maximum[dB]	1.4	1.1	1.6
Minimum[dB]	-20.7	-15.8	-8.0

Y-Z PLANE



Horizontal Polarization			
	5.150GHz	5.500GHz	5.850GHz
Average[dB]	-3.0	-2.3	-1.5
Maximum[dB]	2.9	4.3	3.9
Minimum[dB]	-22.2	-26.6	-24.4

Vertical Polarization			
	5.150GHz	5.500GHz	5.850GHz
Average[dB]	-12.9	-12.0	-10.4
Maximum[dB]	-4.9	-4.6	-3.8
Minimum[dB]	-32.3	-41.8	-36.2

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