Report for Broadcom

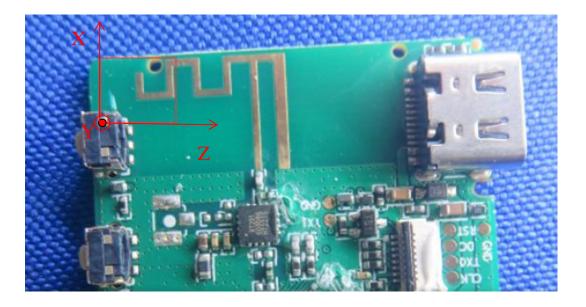
Model: 20220623H31 V1.2

Tested Products.

- Antenna 1: integrated antenna.
 - Frequency = 2.402GHz.
 - Frequency = 2.441GHz.
 - Frequency = 2.480GHz.

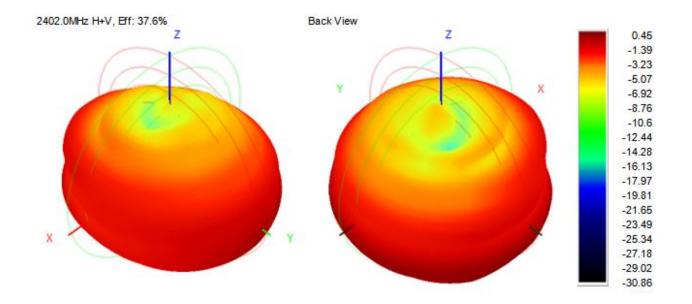
Godox Photo Equipment Co.,Ltd.

Coordinate System Reference: Antenna-RX



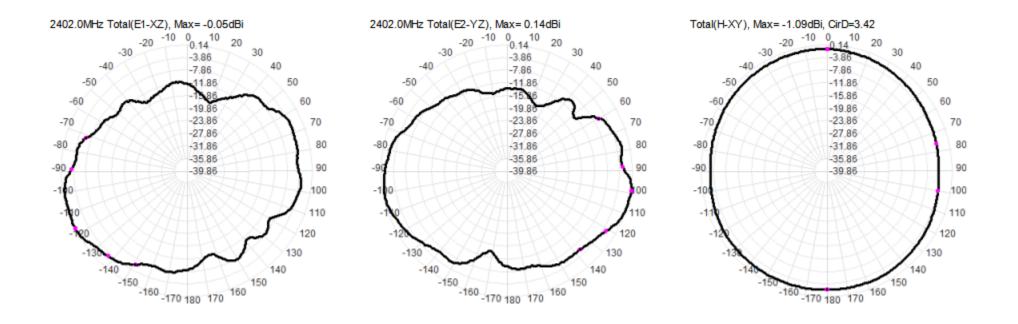
Godox Photo Equipment Co.,Ltd.

Radiation pattern: Antenna-RX 3D Pattern at f = 2.402GHz



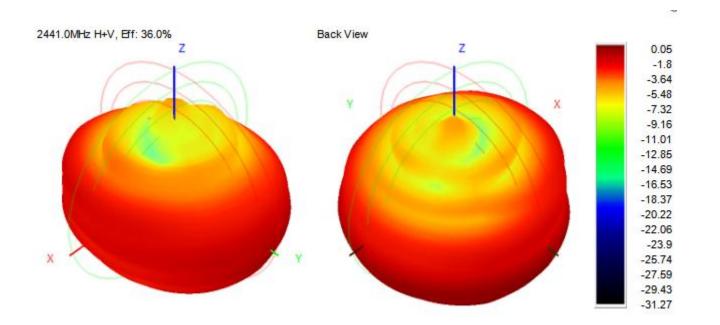
Godox Photo Equipment Co.,Ltd.

Radiation pattern: Antenna-RX 2D Pattern at f = 2.402GHz



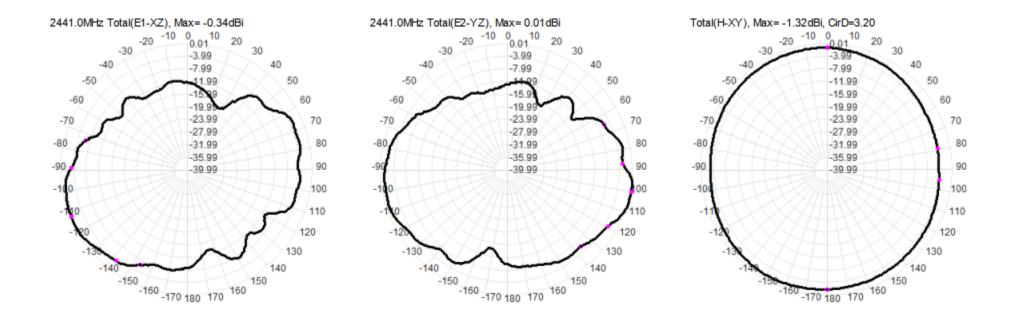
Godox Photo Equipment Co.,Ltd.

Radiation pattern: Antenna-RX 3D Pattern at f = 2.441GHz



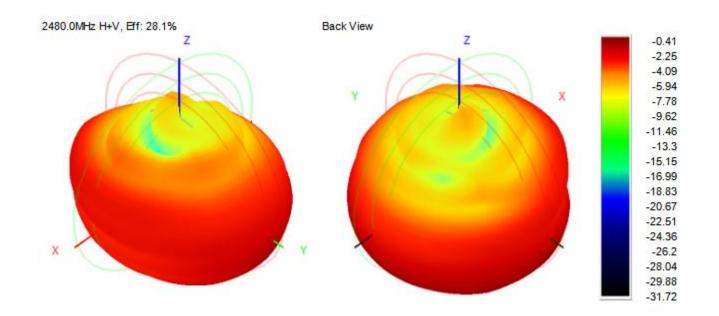
Godox Photo Equipment Co.,Ltd.

Radiation pattern: Antenna-RX 2D Pattern at f = 2.441GHz



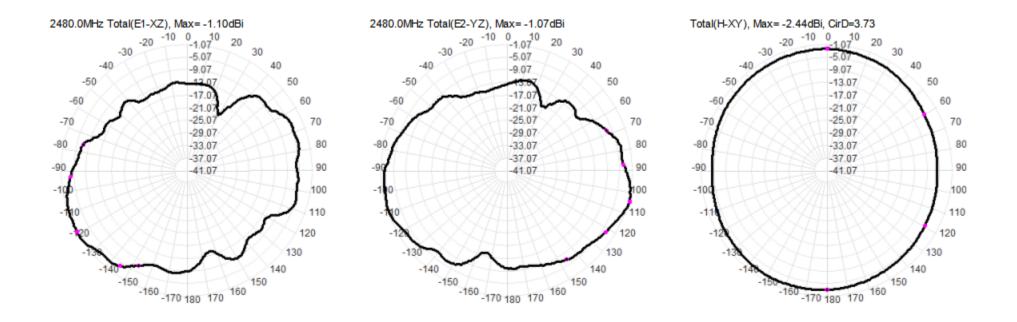
Godox Photo Equipment Co.,Ltd.

Radiation pattern: Antenna-RX 3D Pattern at f = 2.48GHz



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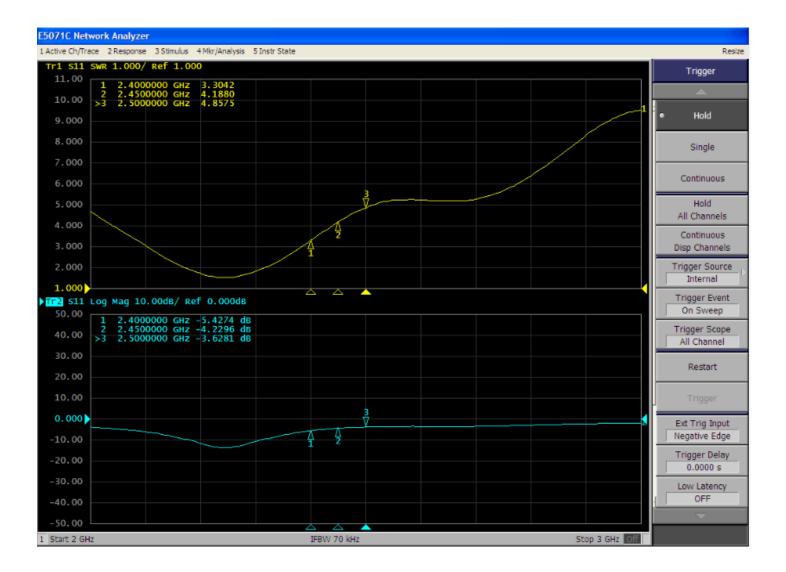
Radiation pattern: Antenna-RX 2D Pattern at f = 2.48GHz



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Return Loss: Antenna 1

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Measurements summary

Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2402.0	2410.0	2420.0	2430.0	2441.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Gain (dBi)	0.45	0.40	0.22	0.22	0.05	-0.15	-0.31	-0.41	-0.41	-0.66	-0.84
Efficiency (%)	37.58	37.26	36.50	37.20	35.96	33.54	30.78	28.69	28.08	26.48	25.13
Directivity (dB)	4.70	4.68	4.60	4.51	4.49	4.60	4.81	5.02	5.11	5.11	5.16
Peak Gain Position (Theta)	77.00	77.00	75.00	69.00	72.00	72.00	71.00	71.00	71.00	72.00	73.00
Peak Gain Position (Phi)	240.00	240.00	240.00	120.00	240.00	240.00	240.00	240.00	240.00	240.00	240.00
Efficiency ThetaPol (%)	32.64	32.27	31.49	32.11	30.83	28.59	26.16	24.18	23.46	22.09	20.82
Efficiency PhiPol (%)	4.94	4.98	5.01	5.09	5.13	4.96	4.62	4.50	4.62	4.39	4.31
Upper Hem. Efficiency (%)	12.41	12.14	11.90	12.21	11.80	10.93	9.87	9.01	8.67	8.06	7.57
Lower Hem. Efficiency (%)	25.17	25.11	24.60	24.99	24.16	22.61	20.91	19.68	19.41	18.42	17.56

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