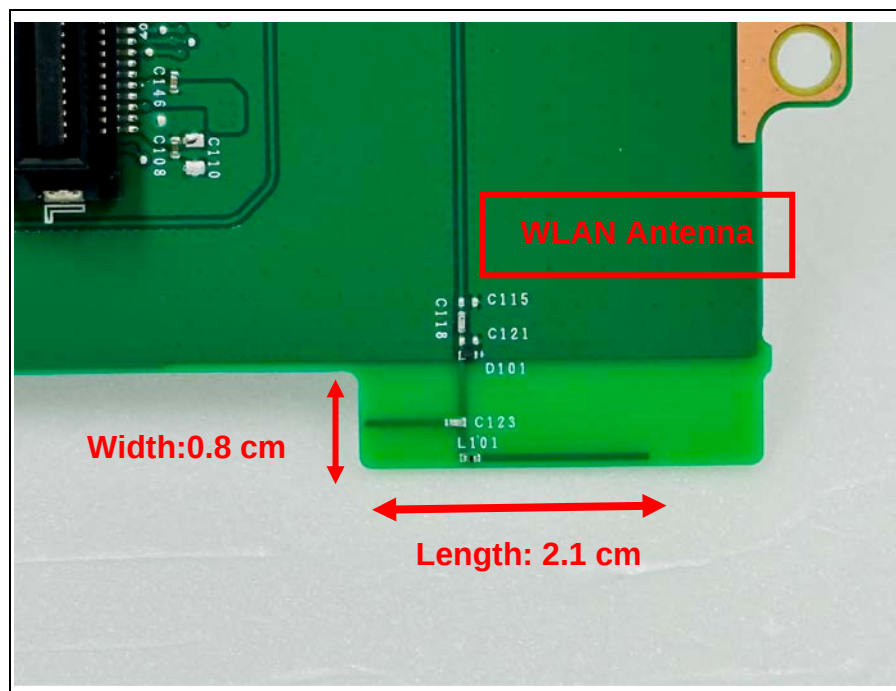
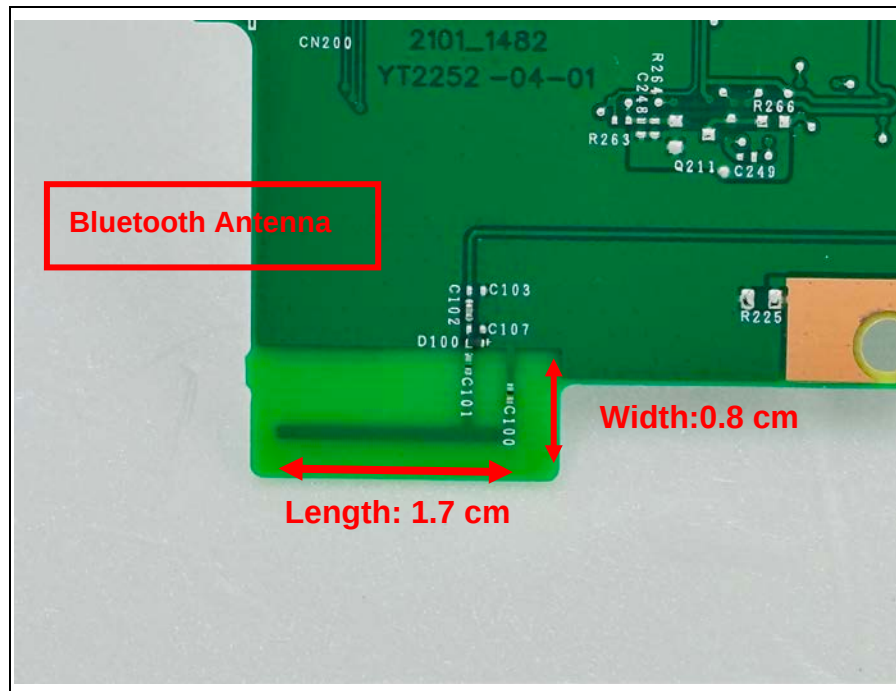


Antenna Information

Item		Contents
Antenna Type		Pattern Antenna
Antenna peak gain		2 402 MHz ~ 2 480MHz: -0.18 dBi (BT) 2 412 MHz ~ 2 462MHz: -0.01 dBi (WLAN 2GHz) 5 150 MHz ~ 5 250 MHz: -0.61 dBi (WLAN 5GHz) 5 250 MHz ~ 5 350 MHz: -0.18 dBi (WLAN 5GHz) 5 470 MHz ~ 5 725 MHz: -0.77 dBi (WLAN 5GHz) 5 725 MHz ~ 5 850 MHz: -0.18 dBi (WLAN 5GHz)
Manufacturer / Model name		Partron / D-Audio2.0V
Address of manufacturer		22, Samsung 1-ro 2-gil, Hwaseong-si, Gyeonggi-do, Korea(18449)
Test laboratory		LG Innoteck Co., Ltd.
BT Antenna	Length	1.7 cm
	Width	0.8 cm
WLAN Antenna	Length	2.1 cm
	Width	0.8 cm



Pattern Antenna



Pattern (BT) Antenna Data Sheet

- Model : D-Audio2.0V -

- Application Frequency -	
	Band [MHz]
BT	2400 ~ 2485

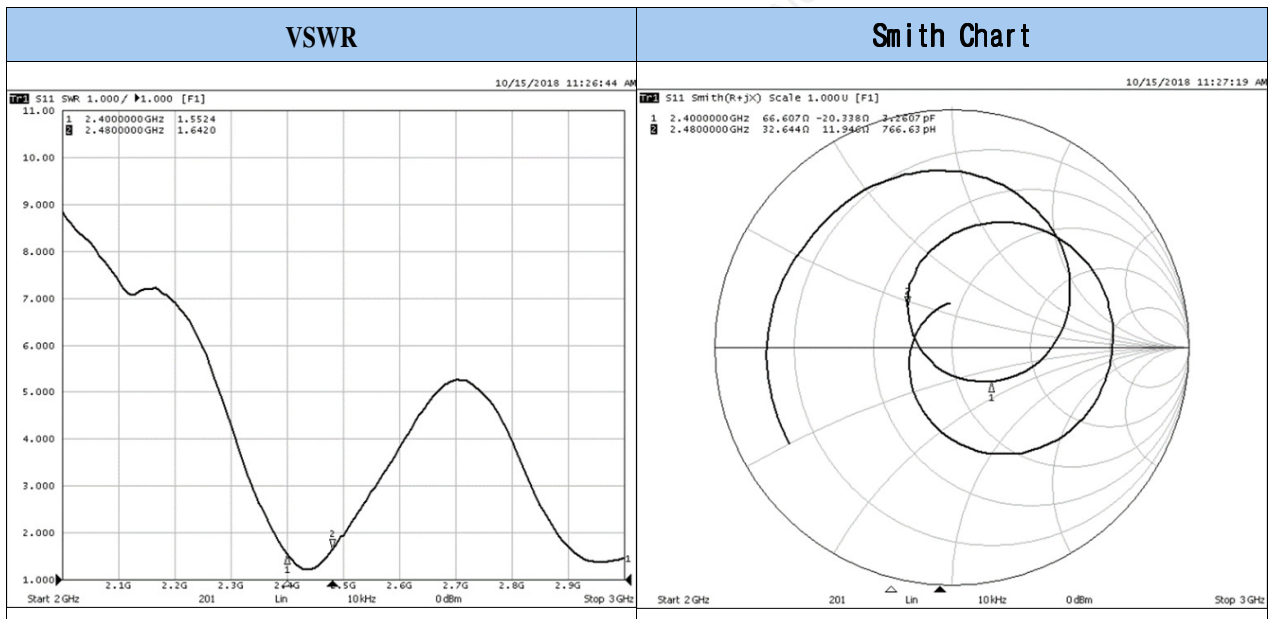
Pattern Antenna



ELECTRICAL CHARACTERISTICS

No.	Freq.	PwrSun	Eff.[%]	Avg[dBi]	Peak[dBi]	Theta[°]	Phi[deg]	H(Theta=0)	Avg[dBi]	Peak[dBi]	Phi[deg]	BW[deg]	E1(Phi=0)	Avg[dBi]	Peak[dBi]	Theta[°]	BW[deg]	E2(Phi=90)	Avg[dBi]	Peak[dBi]	Theta[°]	BW[deg]
1	2400.000		35.39	-4.51	-2.21	60.00	270.00	-4.25	-3.39	270.00	47.74		-6.65	-2.82	-30.00	34.66		-3.02	-2.21	-60.00	76.78	
2	2425.000		44.83	-3.48	-0.18	45.00	255.00	-2.98	-3.41	255.00	49.95		-5.25	-2.18	-30.00	59.76		-3.11	-3.00	-60.00	86.19	
3	2445.000		33.21	-4.79	-2.16	45.00	255.00	-4.05	-3.50	255.00	50.87		-6.24	-2.66	0.00	51.20		-2.73	-2.55	-45.00	91.37	
4	2465.000		31.43	-5.03	-2.60	45.00	255.00	-4.13	-3.10	255.00	62.43		-6.30	-3.82	-135.00	24.47		-3.67	-3.63	-45.00	96.12	
5	2485.000		30.73	-5.12	-2.78	45.00	255.00	-4.27	-3.12	240.00	60.70		-6.14	-3.23	-135.00	26.57		-4.22	-4.12	-45.00	99.41	

MEASUREMENT



Pattern Antenna



Pattern (WiFi) Antenna Data Sheet

- Model : D-Audio2.0V -

- Application Frequency -	
	Band [MHz]
WiFi	2400 ~ 2485
	5150 ~ 5850

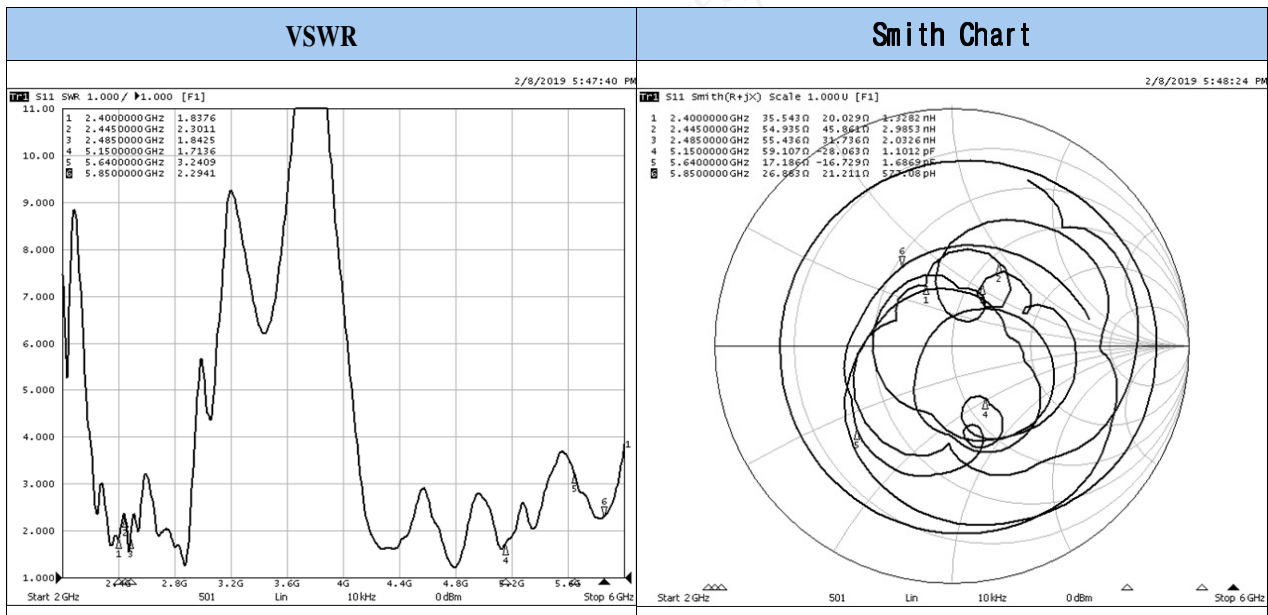
Pattern Antenna



ELECTRICAL CHARACTERISTICS

No.	Freq.	PwrSun	Eff.[%]	Avg.[dBi]	Peak[dBi]	Theta[°]	Phi[deg]	H(Theta=)	Avg.[dBi]	Peak[dBi]	Phi[deg]	BW[deg]	E1(Phi=0)	Avg.[dBi]	Peak[dBi]	Theta[°]	BW[deg]	E2(Phi=90)	Avg.[dBi]	Peak[dBi]	Theta[°]	BW[deg]
1	2400.000	23.67	-6.26	-1.26	75.00	285.00	-7.02	-3.71	285.00	26.33	-7.25	-3.43	30.00	58.02	-7.18	-5.41	-15.00	34.12				
2	2425.000	30.64	-5.14	-0.62	150.00	135.00	-6.56	-3.40	285.00	25.45	-6.29	-2.42	30.00	63.56	-5.90	-5.68	-30.00	37.19				
3	2445.000	36.76	-4.35	-0.01	150.00	120.00	-6.23	-3.21	285.00	24.97	-5.45	-4.33	30.00	69.60	-4.82	-4.74	45.00	35.25				
4	2465.000	26.66	-5.74	-0.43	150.00	120.00	-7.87	-3.86	285.00	23.67	-6.77	-4.60	30.00	59.90	-5.74	-4.30	165.00	24.56				
5	2485.000	26.47	-5.77	-0.04	150.00	120.00	-8.15	-2.57	285.00	22.42	-6.71	-4.68	30.00	53.39	-5.11	-4.42	165.00	23.80				
6	5150.000	30.90	-5.10	-0.61	30.00	255.00	-7.34	-3.42	285.00	78.13	-7.06	-3.20	15.00	55.74	-3.19	-3.10	-45.00	61.41				
7	5300.000	33.90	-4.70	-0.18	45.00	240.00	-6.97	-2.20	285.00	74.62	-6.34	-4.12	15.00	66.07	-3.26	-2.97	-30.00	56.71				
8	5640.000	41.42	-3.83	-0.77	45.00	255.00	-5.44	-2.34	255.00	69.49	-5.04	-4.90	-30.00	33.78	-3.21	-2.46	-45.00	67.53				
9	5745.000	36.08	-4.43	-0.96	30.00	225.00	-5.74	-3.02	240.00	35.06	-5.60	-4.22	-30.00	42.00	-4.05	-3.67	-60.00	70.68				
10	5785.000	29.47	-5.31	-0.18	30.00	225.00	-6.63	-2.82	150.00	36.20	-6.21	-2.54	-30.00	43.00	-5.11	-4.47	-45.00	69.74				
11	5825.000	28.75	-5.41	-0.44	30.00	225.00	-6.83	-2.43	150.00	30.10	-5.98	-2.18	-30.00	50.25	-5.50	-4.21	-45.00	66.95				

MEASUREMENT



Pattern Antenna



RADIATION PATTERN

