

Model	RTL8196C ant.1_3D Gain_2400-2483.5MHz				RTL8196C ant.2_3D Gain_2400-2483.5MHz			
Test / Position								
Frequency (MHz)	2412	2442	2472		2412	2442	2472	
Ant. Port Input Pwr. (dBm)	0	0	0		0	0	0	
<b>Tot. Rad. Pwr. (dBm)</b>	<b>-3.45</b>	<b>-2.75</b>	<b>-2.41</b>		<b>-2.66</b>	<b>-2.21</b>	<b>-1.97</b>	
Peak EIRP (dBm)	3.42	4.26	4.81		1.11	1.84	1.85	
Directivity (dBi)	6.87	7.01	7.23		3.77	4.05	3.82	
Efficiency (dB)	-3.45	-2.75	-2.41		-2.66	-2.21	-1.97	
Efficiency (%)	45.21	53.13	57.35		54.16	60.13	63.59	
Gain (dBi)	3.42	4.26	4.81		1.11	1.84	1.85	
NHPRP $\pm\pi/4$ (dBm)	-4.90	-4.18	-3.84		-4.24	-3.78	-3.52	
NHPRP $\pm\pi/6$ (dBm)	-6.70	-5.96	-5.61		-5.75	-5.30	-5.04	
NHPRP $\pm\pi/8$ (dBm)	-8.12	-7.37	-7.01		-6.89	-6.45	-6.17	
Boresight Phi (°)	90.00	90.00	90.00		345.00	345.00	0.00	
Boresight Th. (°)	120.00	120.00	120.00		30.00	30.00	75.00	
Maximum Power (dBm)	3.42	4.26	4.81		1.11	1.84	1.85	
Minimum Power (dBm)	-18.60	-17.61	-14.59		-14.43	-13.49	-13.90	
Average Power (dBm)	-3.53	-2.93	-2.71		-2.55	-2.09	-1.80	
Max/Min Ratio (dB)	22.03	21.87	19.40		15.54	15.34	15.74	
Max/Avg Ratio (dB)	6.95	7.19	7.52		3.66	3.93	3.65	
Min/Avg Ratio (dB)	-15.08	-14.68	-11.88		-11.87	-11.40	-12.10	
Average Gain (dB)	-3.45	-2.75	-2.41		-2.66	-2.21	-1.97	
Note	<b>PIFA Ant1</b>				<b>PIFA Ant2</b>			