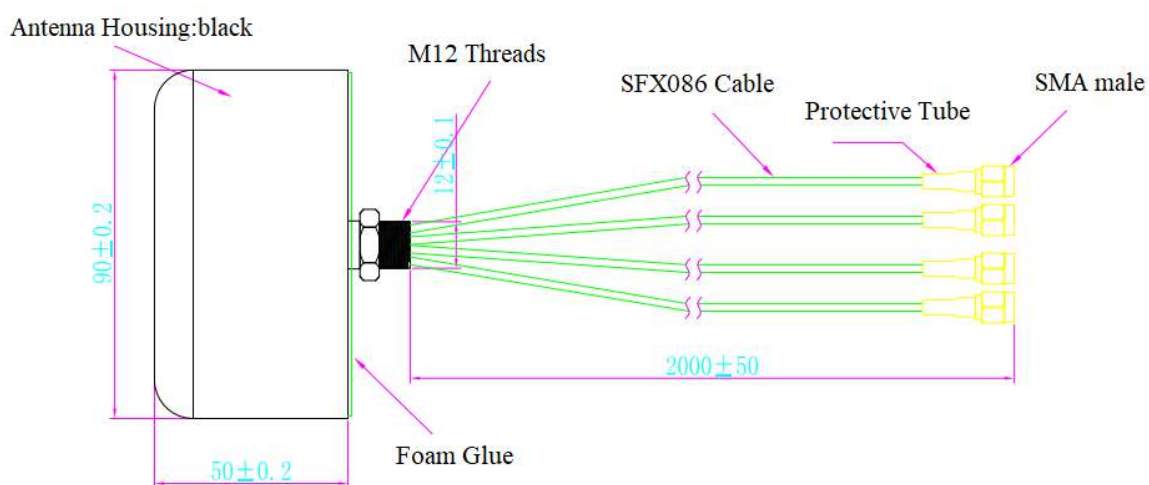


Maswell 5G Four in One MIMO Antenna

AN.5G.3200.3600.MIMO.IP4



Mechanical Dimension



Maswell 5G Four in One MIMO Antenna

AN.5G.3200.3600.MIMO.IP4

Specifications

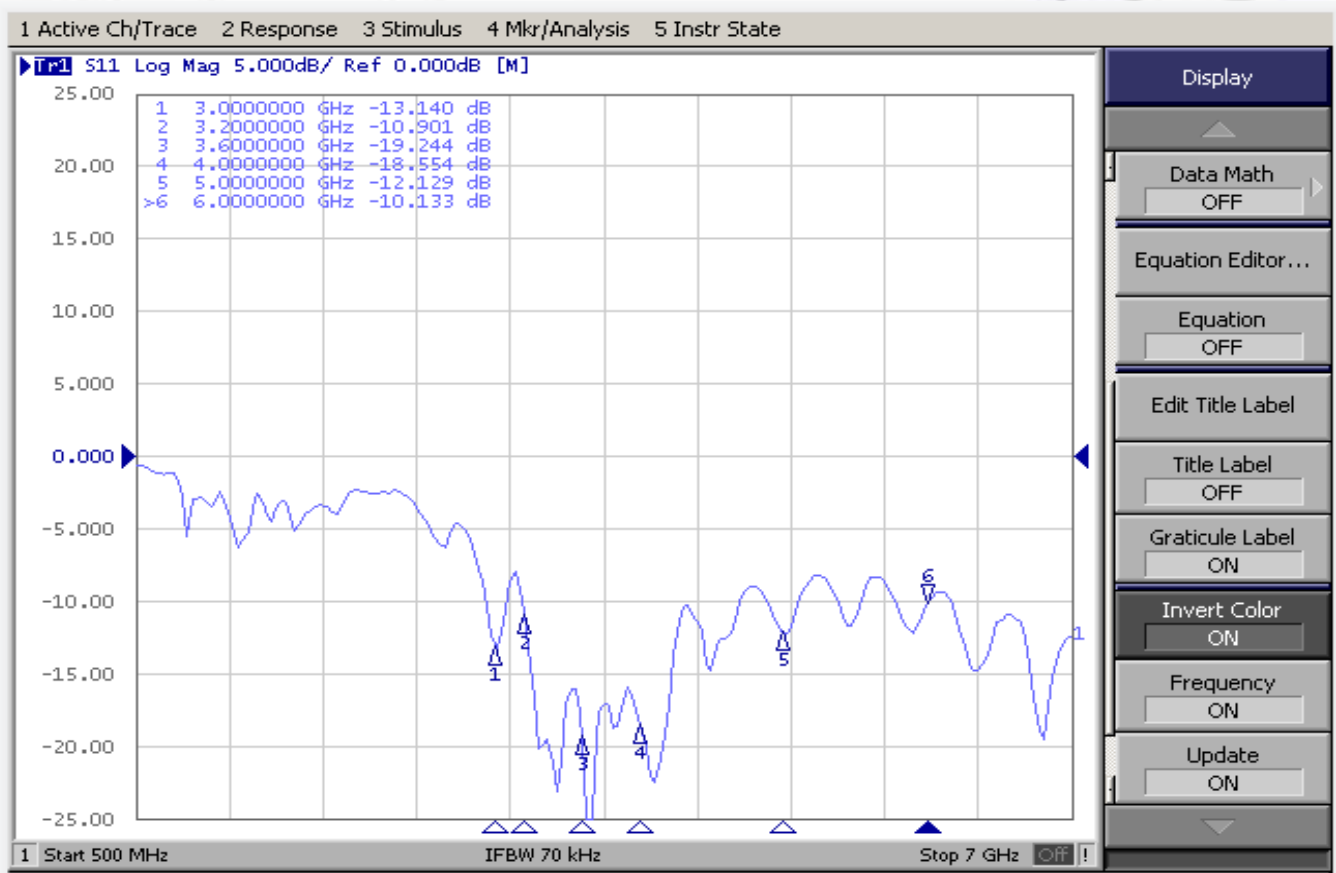
Item		Specifications
5G Antenna1	Frequency Range	3200~3600MHz
	Gain	5dBi
	Efficiency	>50%
5G Antenna2	Frequency Range	3200~3600MHz
	Gain	5dBi
	Efficiency	>50%
5G Antenna3	Frequency Range	3200~3600MHz
	Gain	5dBi
	Efficiency	>50%
5G Antenna4	Frequency Range	3200~3600MHz
	Gain	5dBi
	Efficiency	>50%
Mechanical	Dimension	90mm*30mm
	Antenna Color	Black
	Cable Type	1.13 Black
	Cable Dimension	350mm
	Connector Type	IPEX-4
	Temperature Range	-20 °C ~ + 80 °C

Maswell 5G Four in One MIMO Antenna

AN.5G.3200.3600.MIMO.IP4

Measured Results

S11

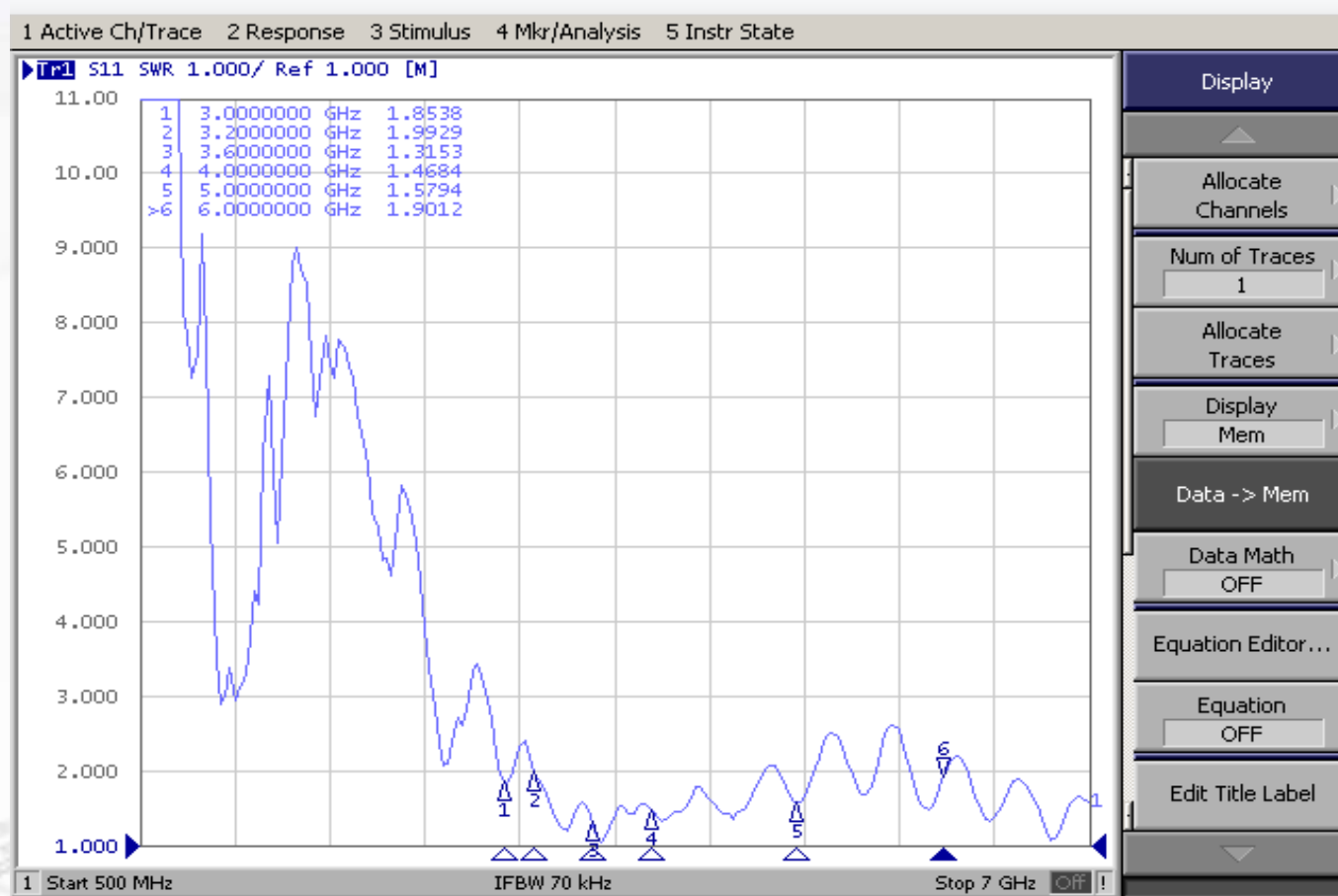


Maswell 5G Four in One MIMO Antenna

AN.5G.3200.3600.MIMO.IP4

Measured Results

VSWR



Maswell 5G Four in One MIMO Antenna

AN.5G.3200.3600.MIMO.IP4

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
3000	75.59	-1.22	6.22
3100	83.78	-0.77	6
3200	80.71	-0.93	6.17
3300	87.96	-0.56	6.07
3400	89.47	-0.48	6.08
3500	72.17	-1.42	5.27
3600	80.9	-0.92	5.73
3700	64.88	-1.88	4.46
3800	56.66	-2.47	4.84
3900	67.64	-1.7	5.96
4000	69.57	-1.58	6.12
4100	72.76	-1.38	6.46
4200	65.71	-1.82	6.25
4300	62.62	-2.03	5.52
4400	61.08	-2.14	5.2
4500	59.45	-2.26	5.07
4600	52.82	-2.77	4.6
4700	52.39	-2.81	4.23
4800	42.74	-3.69	3.79
4900	47.66	-3.22	4.64
5000	44.17	-3.55	4.01

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
3000	85.37	-0.69	6.4
3100	86.52	-0.63	5.85
3200	80.15	-0.96	6
3300	83.65	-0.78	6.7
3400	91.59	-0.38	6.73
3500	76.99	-1.14	5.25
3600	76.75	-1.15	5.59
3700	71.13	-1.48	5.18
3800	65.35	-1.85	4.73
3900	67.59	-1.7	5.69
4000	64.09	-1.93	5.29
4100	65.14	-1.86	6.11
4200	64.26	-1.92	4.54
4300	59.7	-2.24	4.36
4400	62.36	-2.05	5.2
4500	51.77	-2.86	4.76
4600	48.48	-3.14	4.02
4700	49.97	-3.01	4.15
4800	46.16	-3.36	5.19
4900	51.99	-2.84	5.35
5000	46.18	-3.36	3.73

Maswell 5G Four in One MIMO Antenna

AN.5G.3200.3600.MIMO.IP4

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
3000	80.25	-0.96	5.89
3100	89.46	-0.48	6.43
3200	83.09	-0.8	5.55
3300	89.29	-0.49	5.68
3400	85.67	-0.67	4.9
3500	68.57	-1.64	5.54
3600	74.24	-1.29	5.66
3700	67.82	-1.69	4.65
3800	62.89	-2.01	5.17
3900	72.64	-1.39	5.46
4000	70.18	-1.54	5.54
4100	70.29	-1.53	5.72
4200	67.08	-1.73	4.71
4300	60.45	-2.19	4.47
4400	53.35	-2.73	4.04
4500	56.58	-2.47	5.26
4600	52.52	-2.8	4.97
4700	53.38	-2.73	4.68
4800	47.34	-3.25	4.49
4900	50.03	-3.01	4.95
5000	45.09	-3.46	3.91

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
3000	69.72	-1.57	5.11
3100	60.17	-2.21	3.39
3200	66.64	-1.76	4.55
3300	80.72	-0.93	5.82
3400	89.55	-0.48	6.61
3500	80.35	-0.95	5.53
3600	81.04	-0.91	6.99
3700	76.56	-1.16	7.01
3800	68.32	-1.65	5.83
3900	74.15	-1.3	5.11
4000	72.21	-1.41	6.89
4100	76.28	-1.18	6.55
4200	72.39	-1.4	5.37
4300	56.82	-2.46	4.25
4400	56.18	-2.5	4.27
4500	47.23	-3.26	3.59
4600	55.46	-2.56	5.46
4700	53.39	-2.73	4.78
4800	42.51	-3.72	4.49
4900	50.75	-2.95	5.46
5000	49.26	-3.07	5.19