

# Outdoor Omni 5G Band Antenna

**MODEL: TH-5250B**



## 1. Specifications:

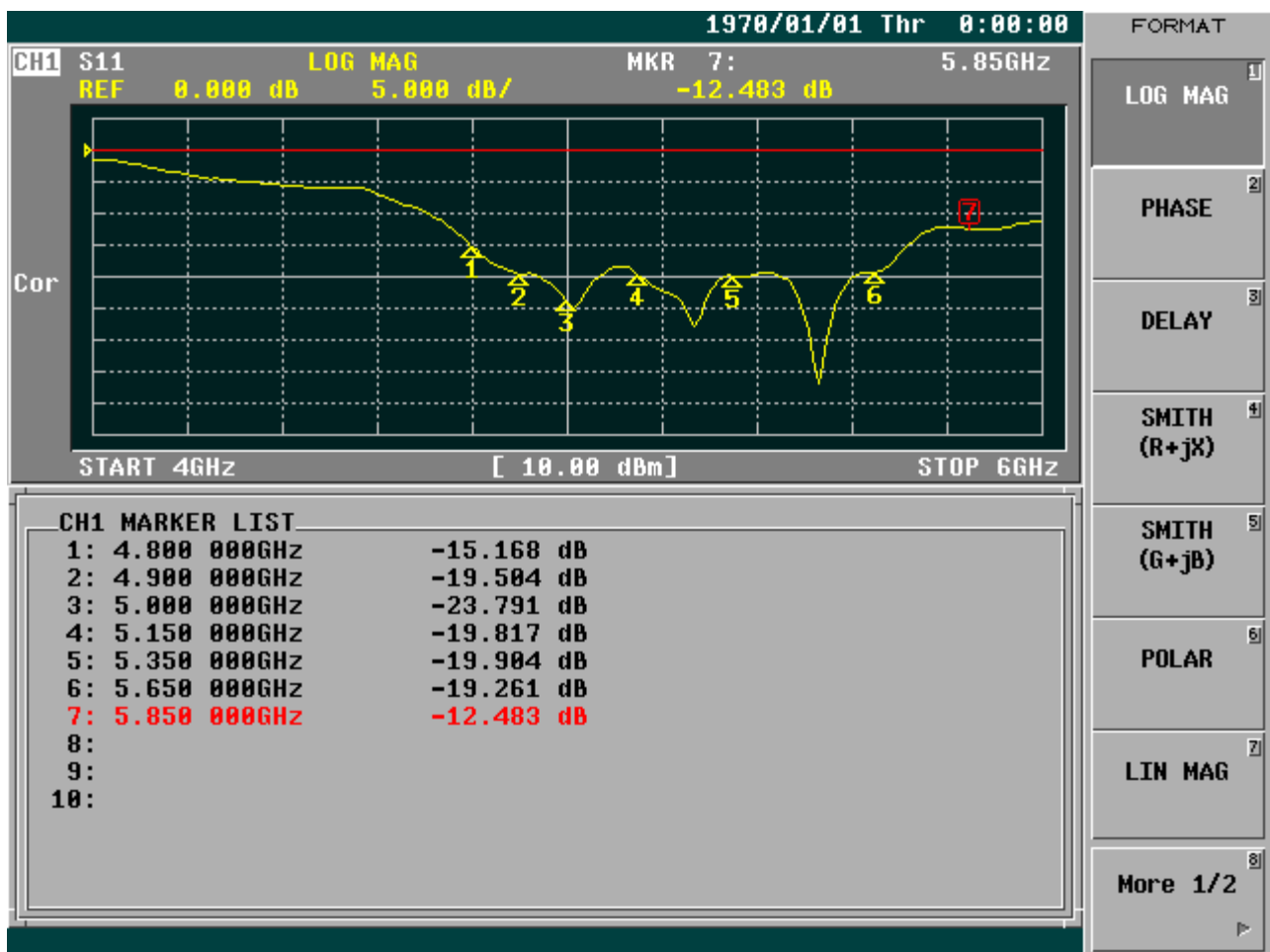
<b>Frequency range:</b>	<b>5150~5350Mhz</b>
<b>Gain:</b>	<b>8dBi</b>
<b>V.S.W.R:</b>	<b>2.0</b>
<b>Impedence:</b>	<b>50 ohm</b>
<b>Connector:</b>	<b>N Type male</b>
<b>Dimension:</b>	<b>605mm +/-10 x OD36mm</b>
<b>Weight:</b>	<b>0.34Kg</b>
<b>Polarization :</b>	<b>vertical</b>
<b>Power handling :</b>	<b>100W</b>
<b>Materials :</b>	<b>Fiberglass &amp; copper</b>
<b>Colour :</b>	<b>Black</b>
<b>Rated wind velocity :</b>	<b>60m/s</b>
<b>Working Temperature :</b>	<b>-40~60°C</b>
<b>Lightning Protection :</b>	<b>Direct Ground</b>

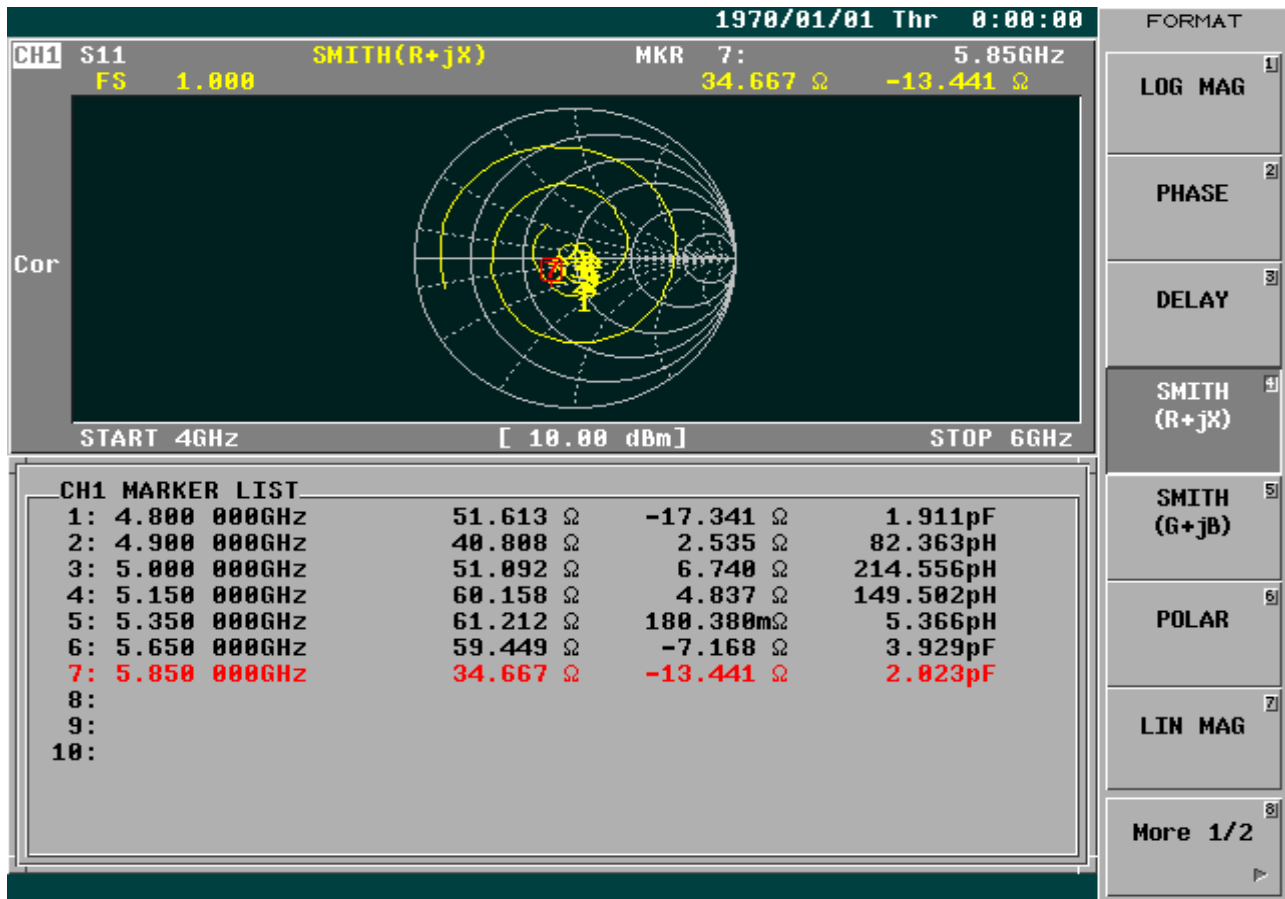
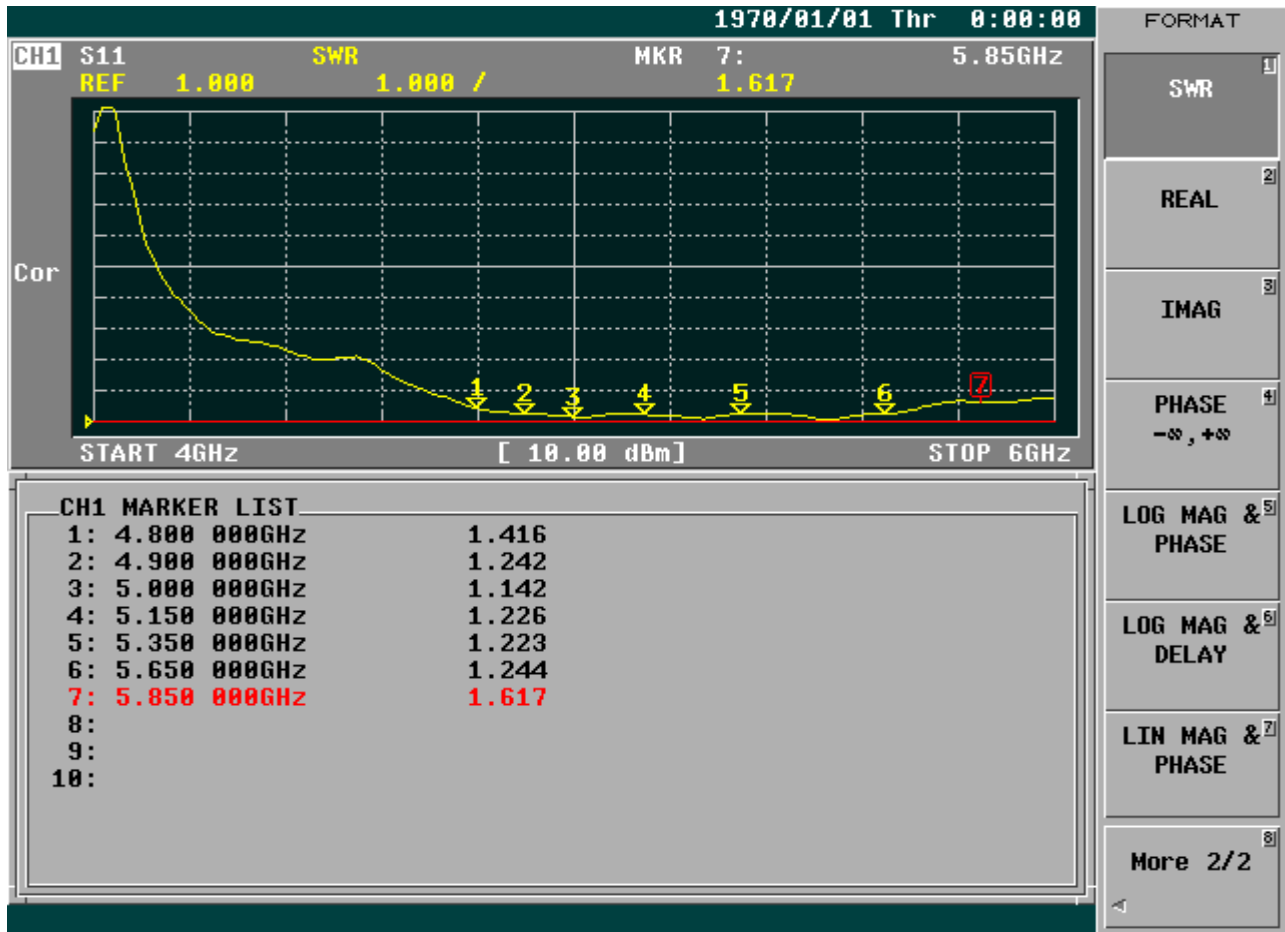
\* This specification is subject to change without prior notice

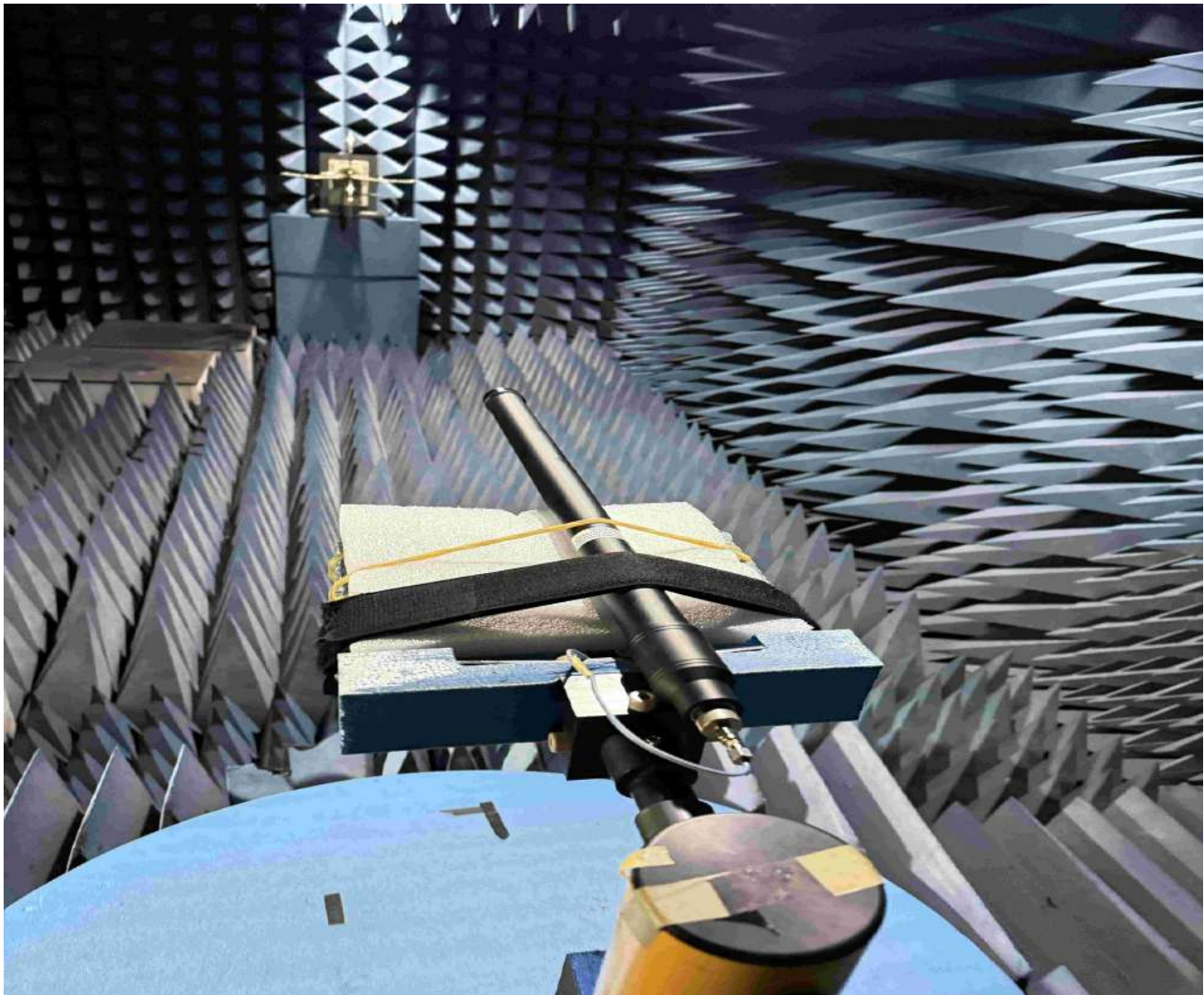
## 2.APPEARANCE:



### 3. FREQUENCY:





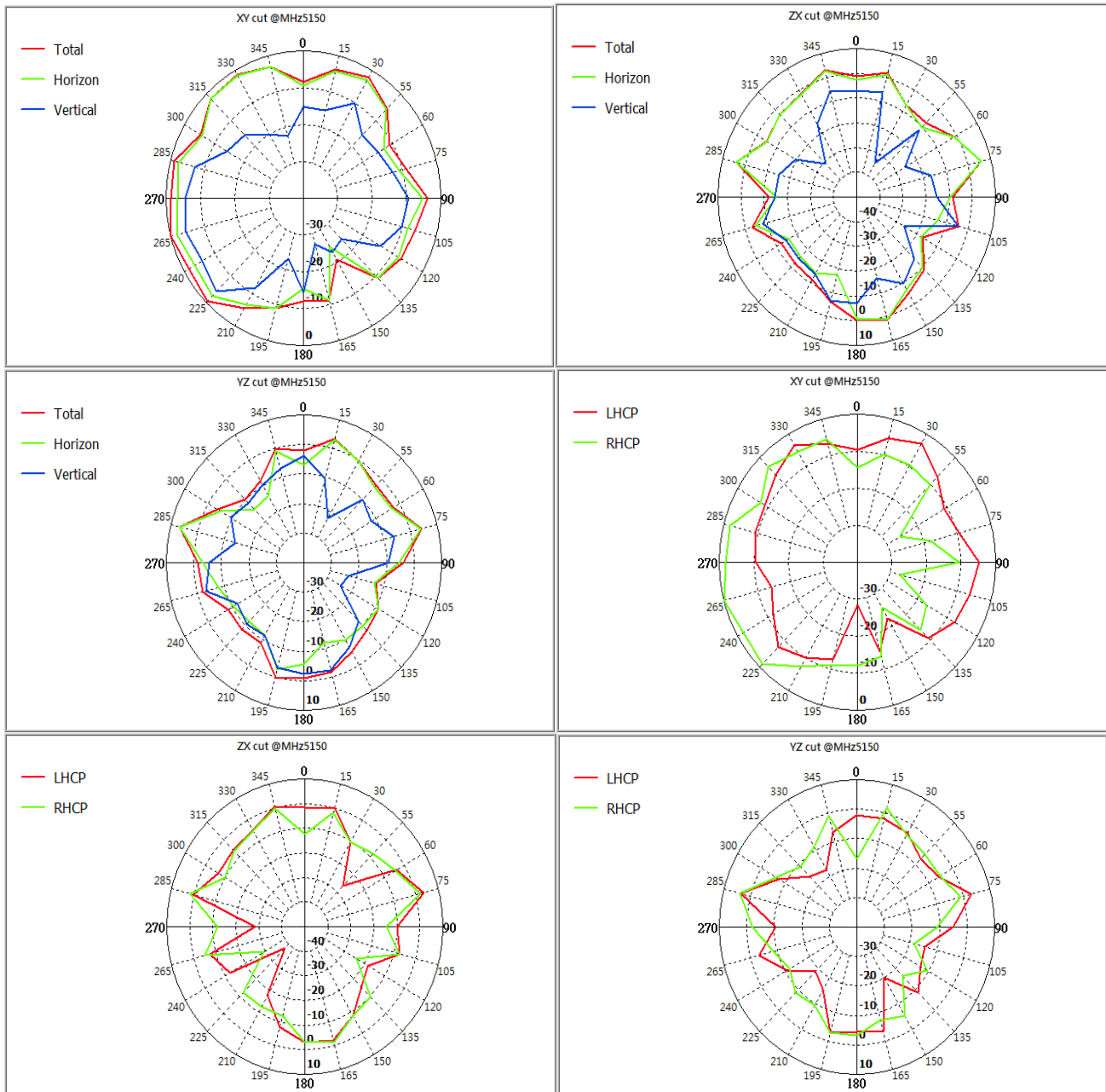


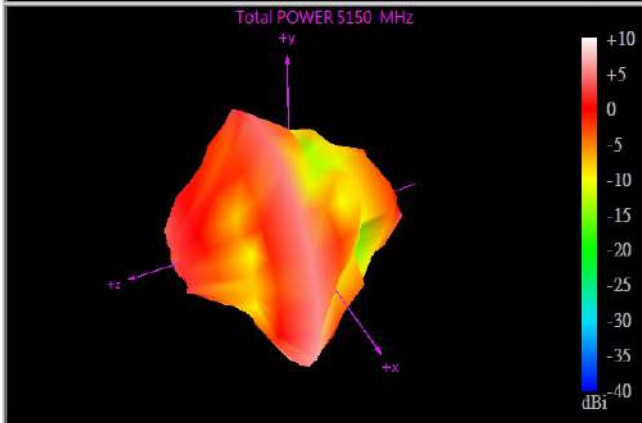
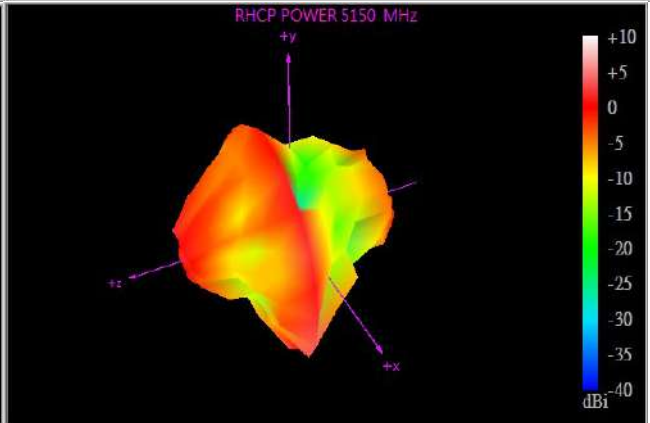
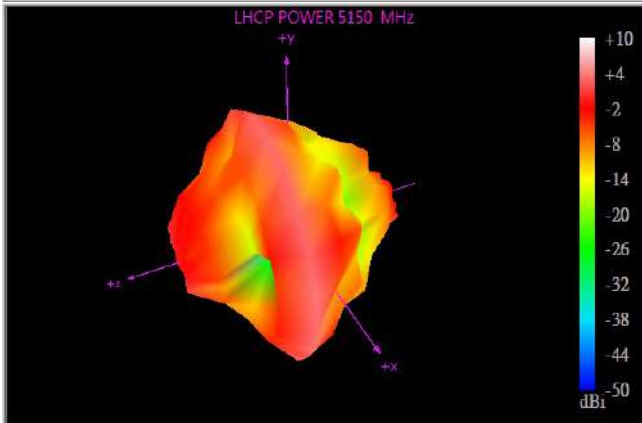
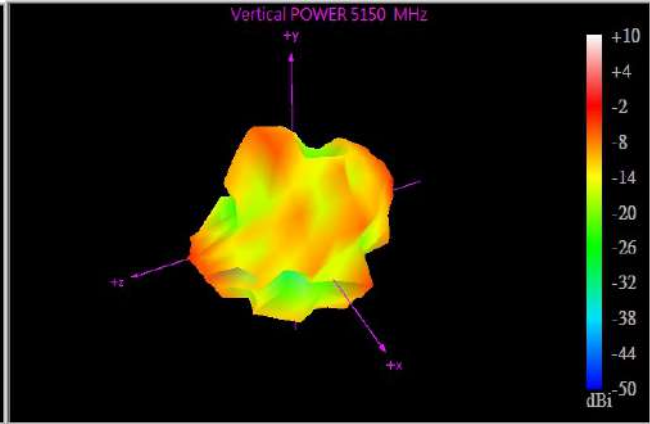
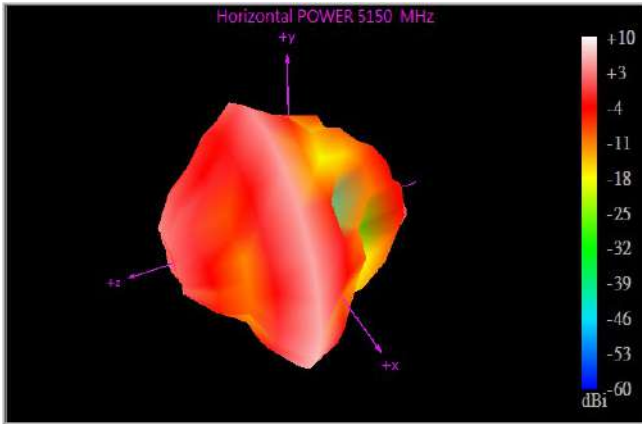
### 3D Total

Frequency (MHz)	Upper Hem. PRP (dBm)	Lower HEM. PRP (dBm)	Efficiency (dB)	Efficiency (%)	Gain (dBi)	Tot. Rad.Pwr. (dBm)
4700 MHz	-6.43	-6.01	-3.20	47.83	2.60	-3.20
4800 MHz	-4.67	-6.84	-2.61	54.83	4.72	-2.61
4900 MHz	-2.68	-5.87	-0.98	79.85	6.92	-0.98
5000 MHz	-3.43	-7.32	-1.94	63.91	5.66	-1.94
5100 MHz	-3.13	-9.11	-2.16	60.87	6.65	-2.16
5150 MHz	-2.22	-8.98	-1.39	72.65	7.64	-1.39
5200 MHz	-2.64	-9.55	-1.83	65.56	7.58	-1.83
5250 MHz	-1.97	-7.73	-0.95	80.39	8.11	-0.95
5300 MHz	-3.82	-8.70	-2.60	55.01	6.25	-2.60
5350 MHz	-3.93	-7.50	-2.35	58.24	5.91	-2.35
5400 MHz	-4.29	-7.23	-2.51	56.13	5.60	-2.51
5450 MHz	-5.40	-8.61	-3.70	42.64	3.86	-3.70
5500 MHz	-5.48	-9.72	-4.09	38.96	3.61	-4.09
5550 MHz	-5.03	-9.22	-3.63	43.35	2.81	-3.63
5600 MHz	-4.08	-8.29	-2.68	53.90	3.93	-2.68

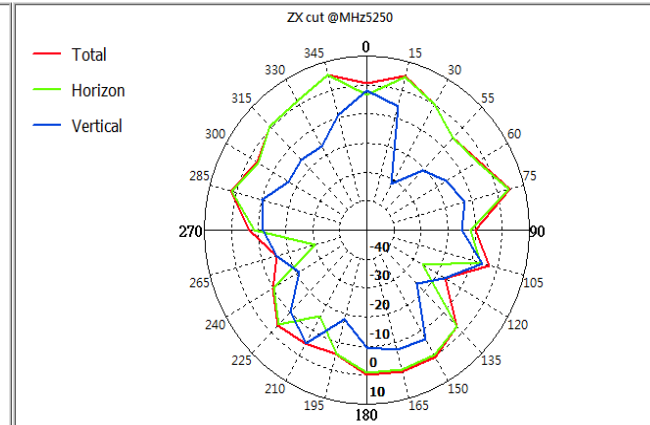
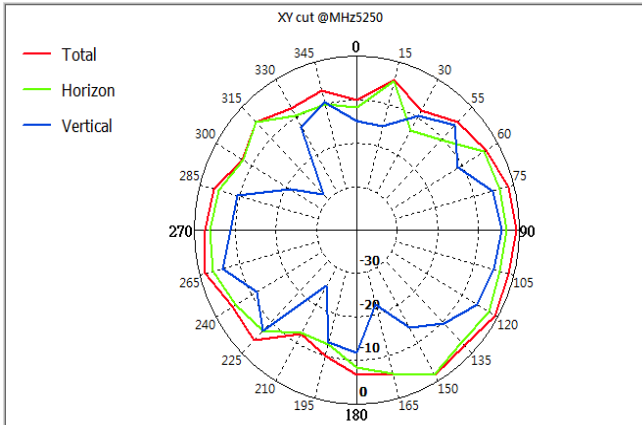
5650 MHz	-3.12	-6.62	-1.52	70.50	5.78	-1.52
5700 MHz	-4.47	-7.23	-2.62	54.67	4.49	-2.62
5750 MHz	-3.70	-6.47	-1.86	65.17	5.75	-1.86
5800 MHz	-4.65	-7.40	-2.80	52.50	4.17	-2.80
5850 MHz	-4.25	-6.74	-2.31	58.76	4.72	-2.31
5900 MHz	-3.81	-6.80	-2.04	62.53	4.32	-2.04
5950 MHz	-2.97	-6.13	-1.26	74.83	5.44	-1.26
6000 MHz	-3.68	-6.18	-1.74	66.99	5.74	-1.74

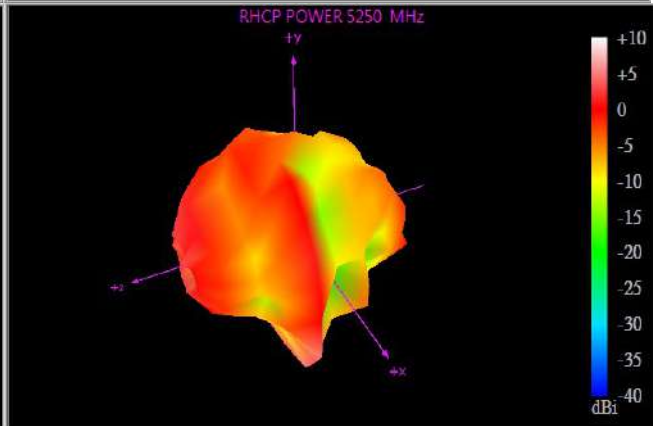
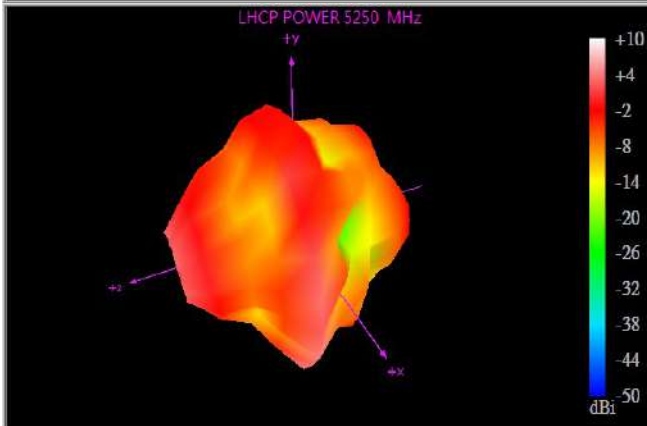
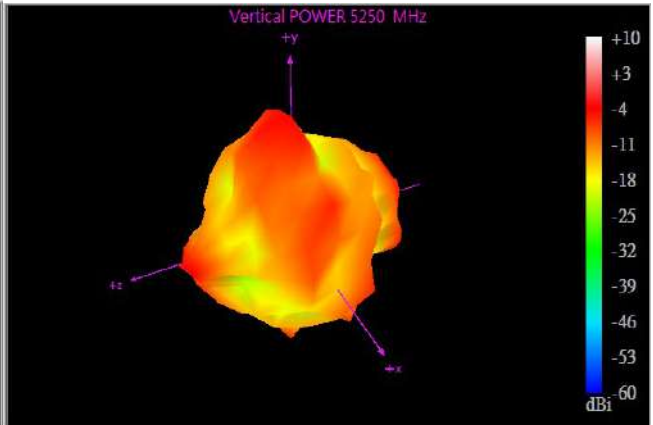
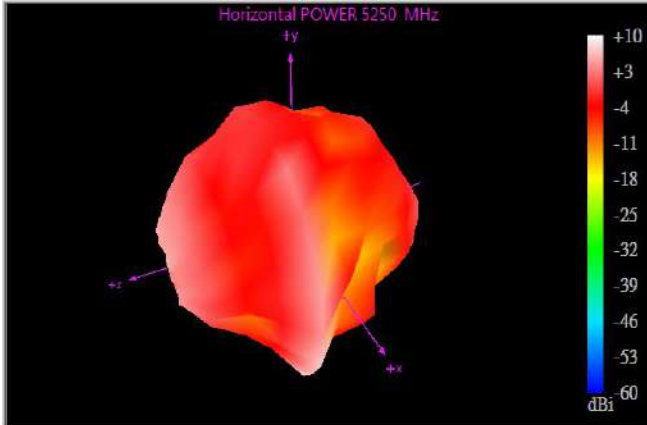
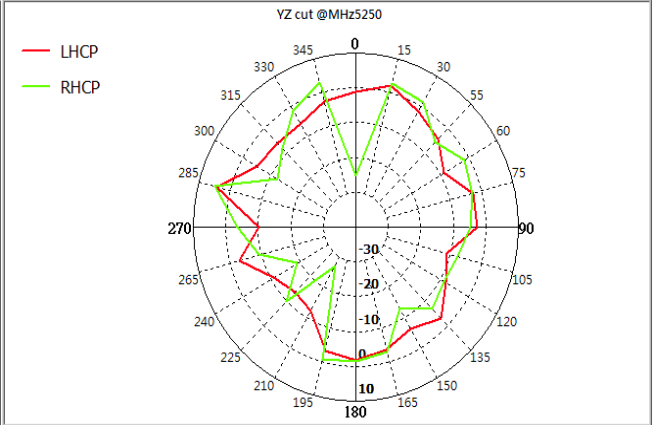
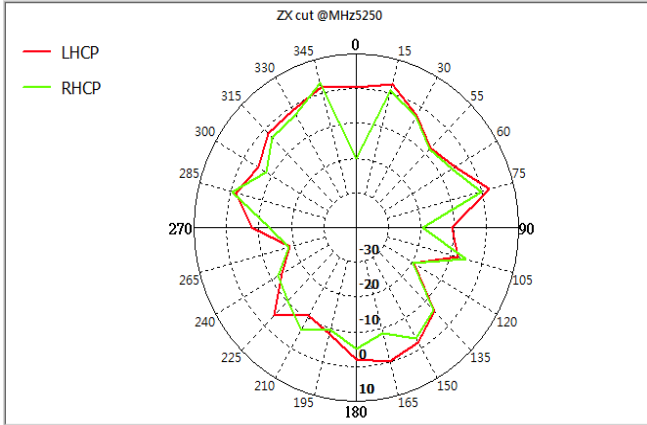
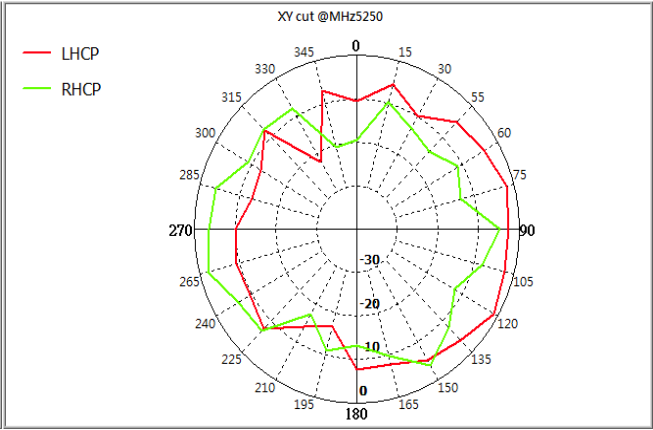
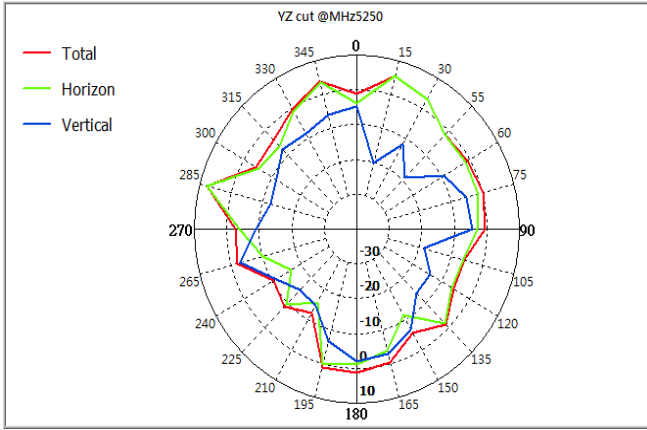
5150Mhz:

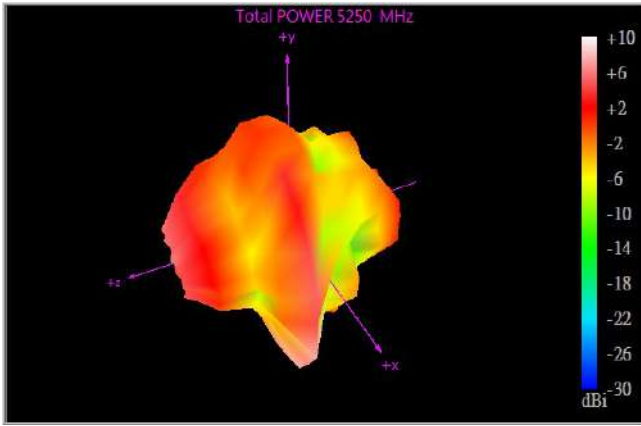




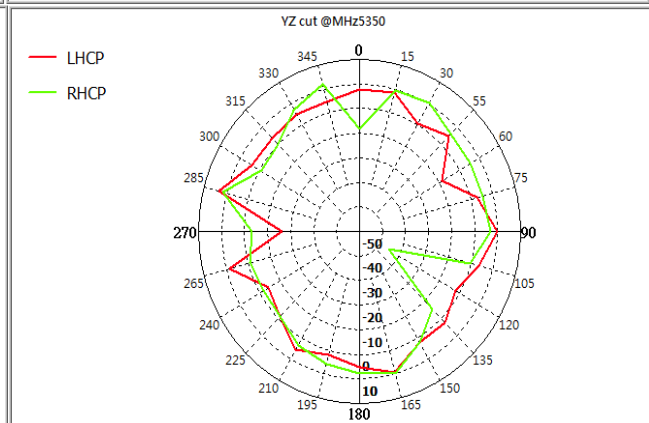
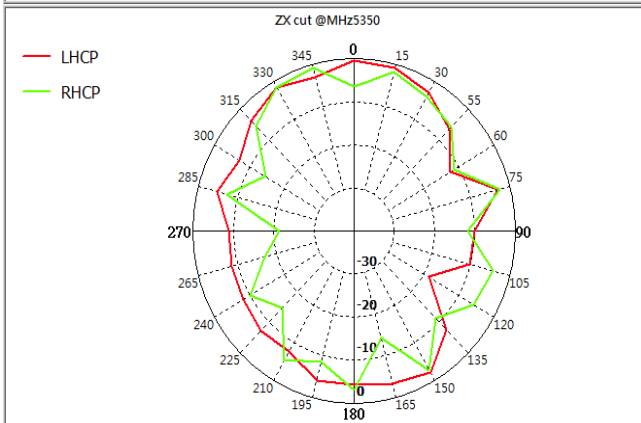
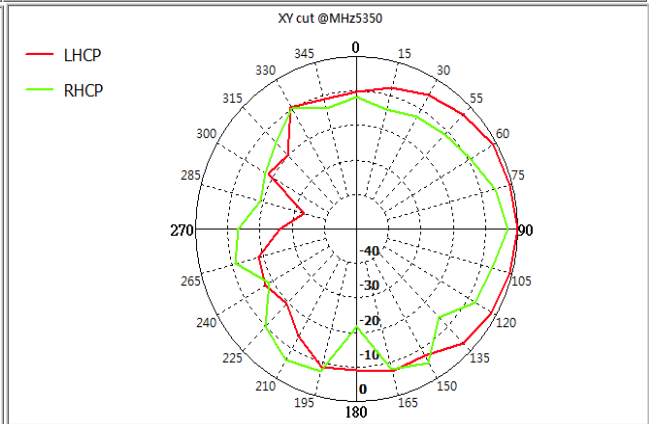
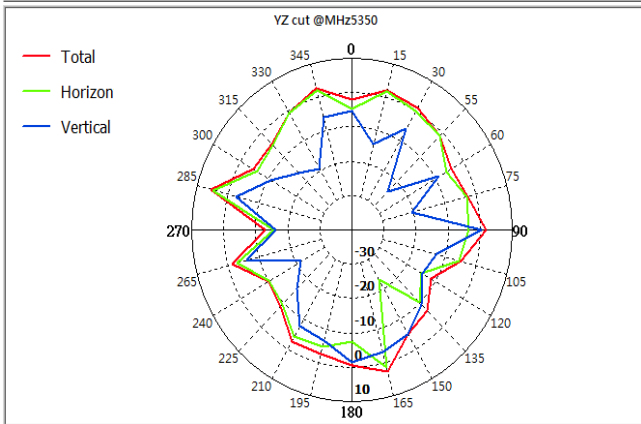
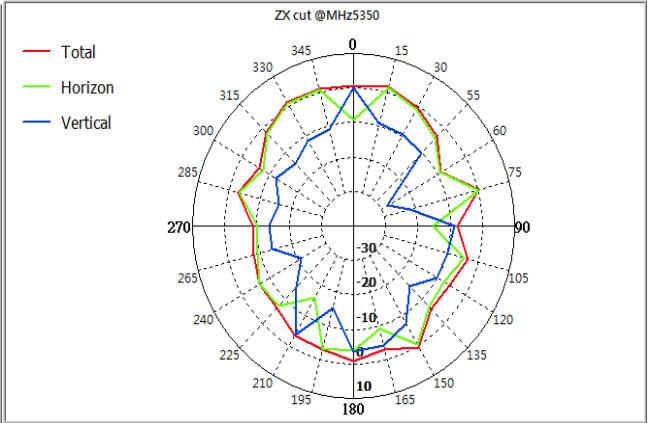
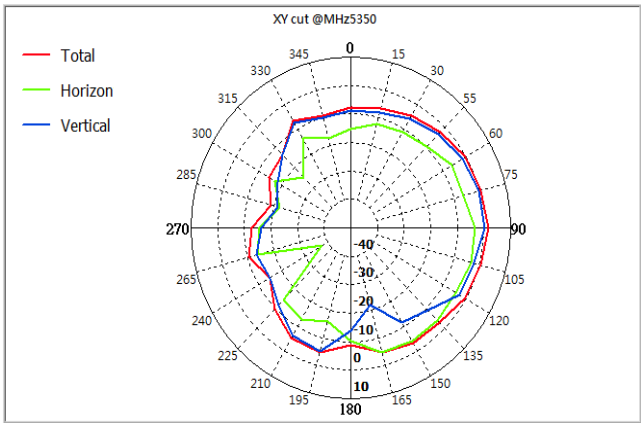
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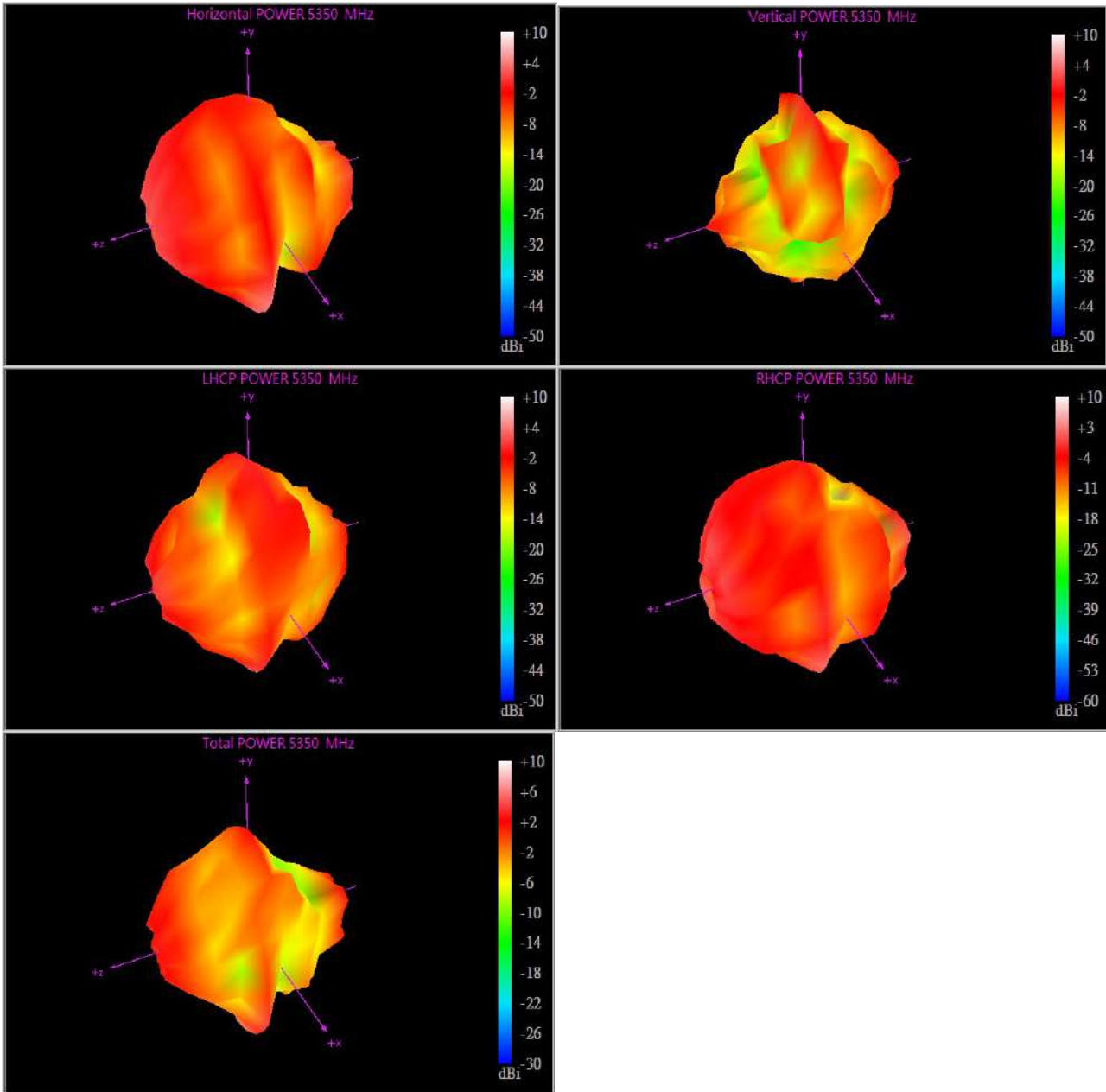




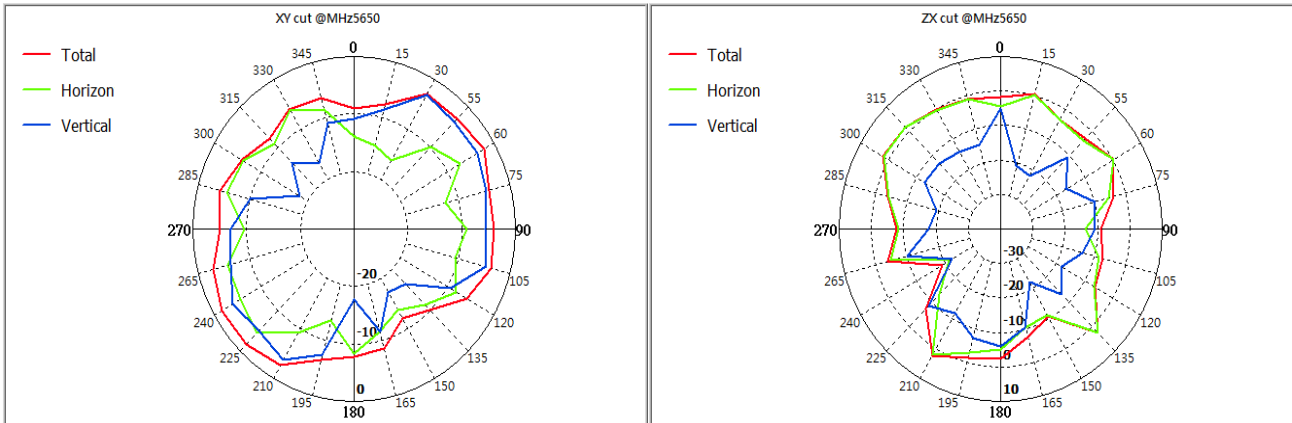


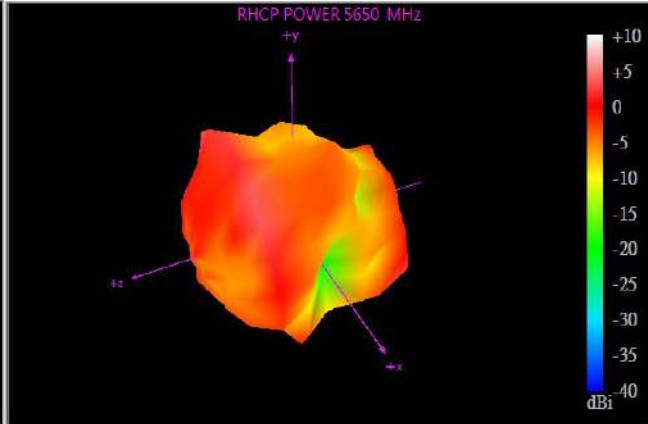
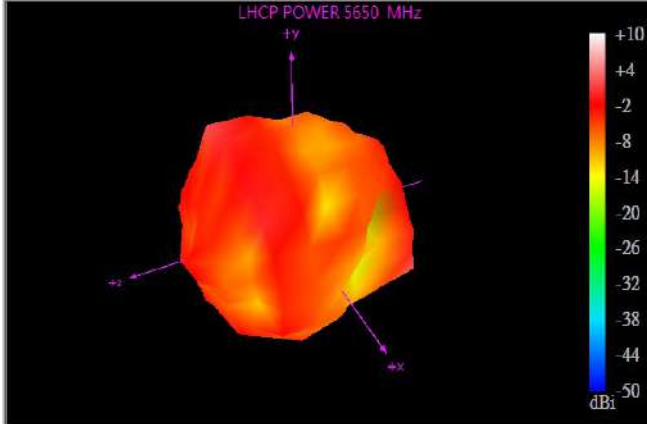
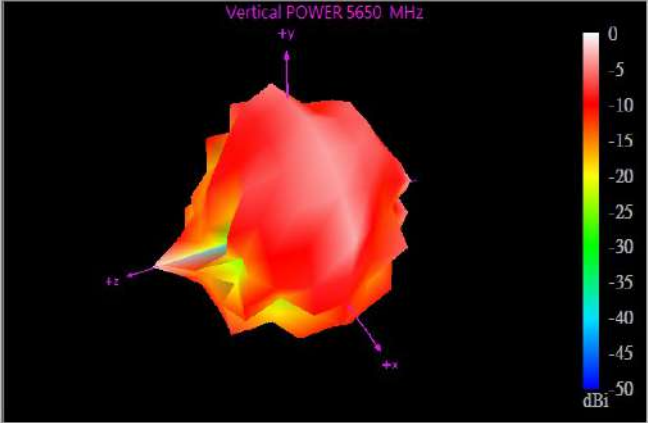
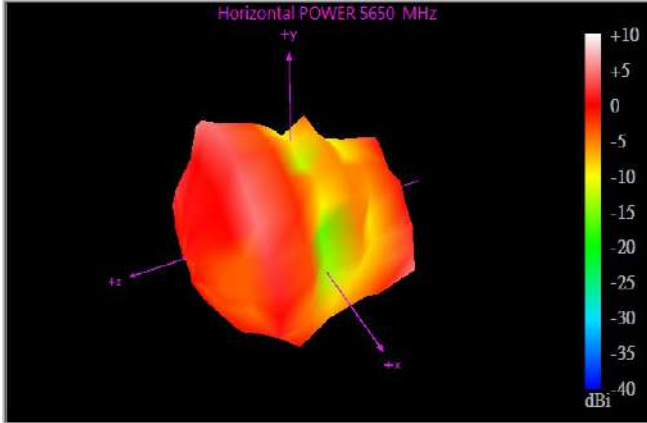
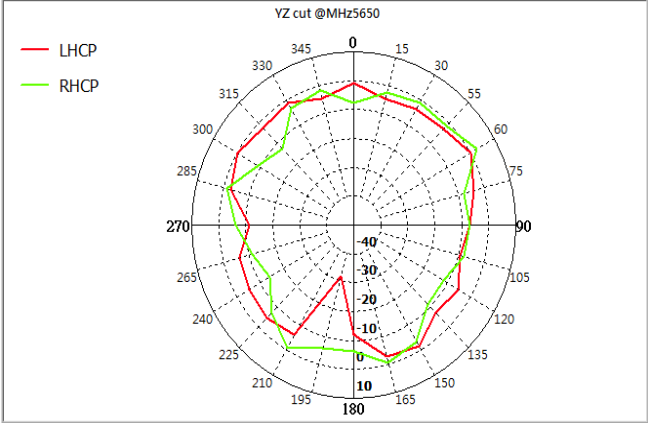
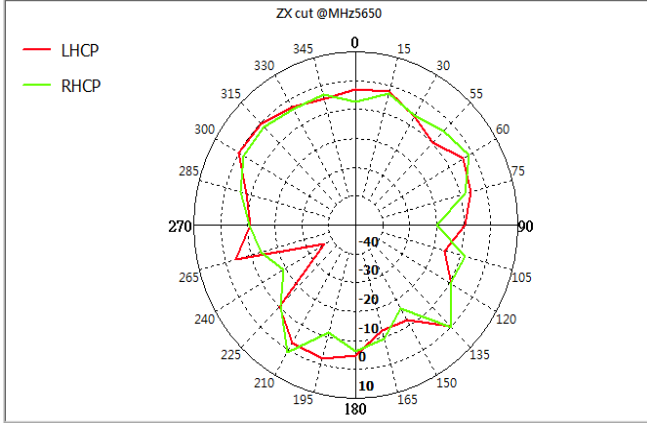
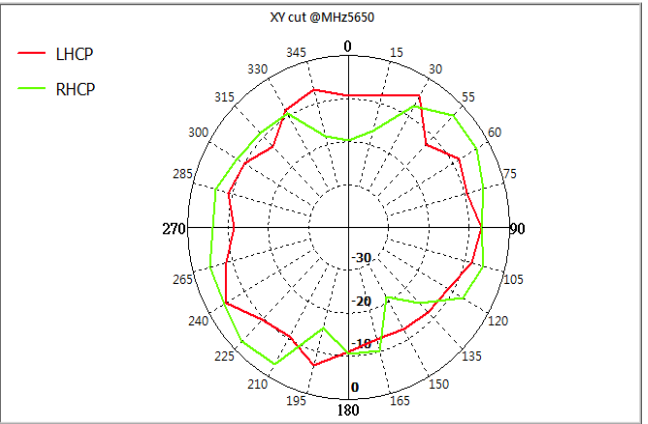
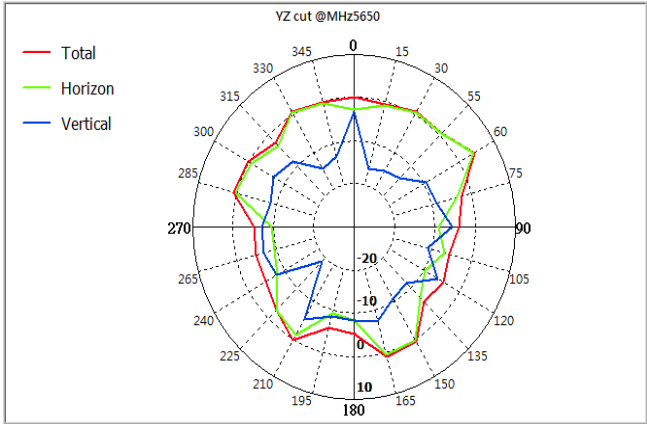
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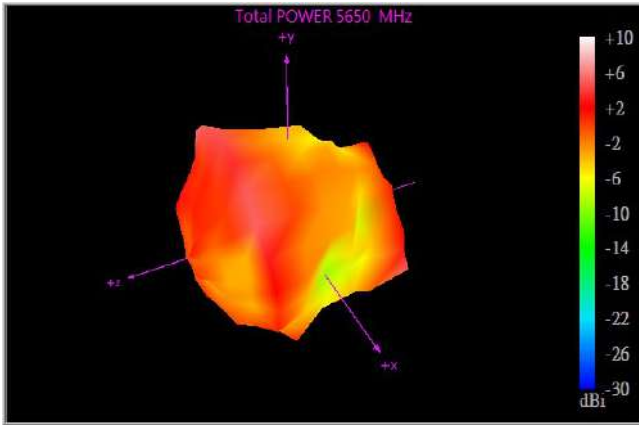




5650Mhz:







### 5850MHz:

