



AFTtEch

深圳市安弗特电子有限公司

AFT tech Electronic Co., Ltd. (Shenzhen)

Antenna manufacturer: AFT tech Electronic Co., Ltd. (Shenzhen)

Antenna model: CW103-PRO

Antenna type: PIFA

Antenna size:

Main antenna: 40.70*27.32*0.12mm

WIFI/BT/GPS antenna: 18.22*16.79*0.12mm

Diversity antenna: 29.43*21.39*0.12mm

无源增益

Frequency (MHz)	Gain (dBi)	Frequency (MHz)	Gain (dBi)	Frequency (MHz)	Gain (dBi)	Frequency (MHz)	Gain (dBi)
700	-4.31	880	-2.25	1900	-0.15	2320	0.51
710	-3.79	890	-2.38	1920	0.23	2340	0.57
720	-3.60	900	-2.60	1940	0.33	2360	0.76
730	-3.45	910	-1.69	1960	0.40	2380	0.80
740	-3.35	920	-1.23	1980	0.46	2400	0.28
750	-3.23	930	-1.25	2000	0.60	2500	-1.55
760	-3.37	940	-1.87	2020	0.72	2520	-1.34
770	-3.18	950	-2.75	2040	0.78	2540	-1.17
780	-3.35	960	-2.49	2060	0.75	2560	-0.86
790	-3.61	1700	-2.19	2080	0.56	2580	-0.58
800	-3.39	1720	-1.55	2110	0.14	2600	-0.45
810	-3.41	1740	-1.06	2120	-0.41	2620	-0.01
820	-2.93	1760	-0.96	2140	-0.85	2640	-0.22
830	-2.86	1780	-1.13	2160	-0.98	2660	0.07
840	-2.60	1800	-1.01	2180	-0.93	2680	-0.14
850	-2.37	1820	-0.96	2300	0.28	2700	-0.09
860	-2.27	1840	-0.88				
870	-2.29	1880	-0.29				

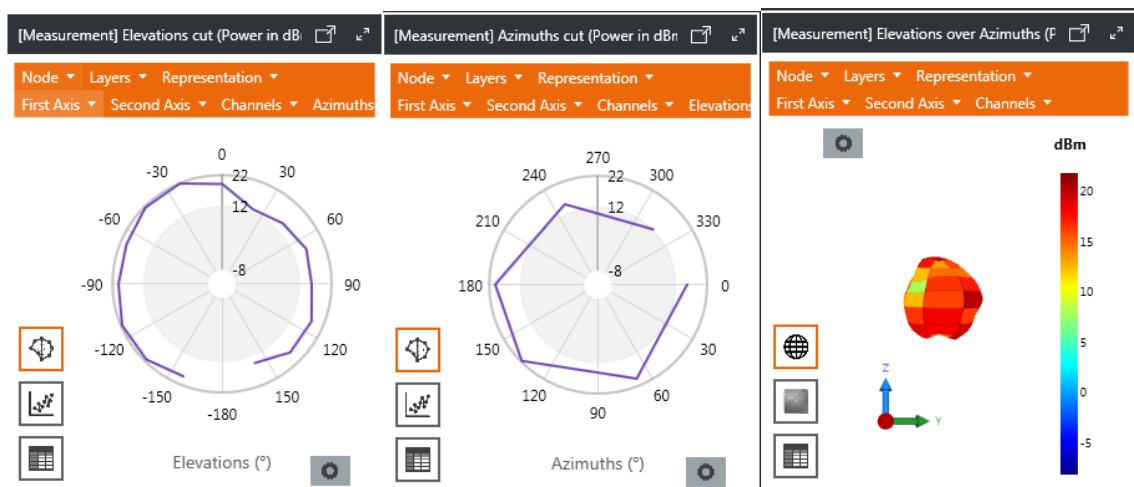
WIFI 2.4G		BT 2.4G		WIFI/5G		WIFI/5G	
Frequency (MHz)	Gain (dBi)	Frequency (MHz)	Gain (dBi)	Frequency (MHz)	Gain (dBi)	Frequency (MHz)	Gain (dBi)
2400	2.45	2400	2.45	5100	3.97	5650	5.10
2410	2.61	2410	2.61	5150	4.61	5700	5.06
2420	2.67	2420	2.67	5200	4.79	5750	5.17
2430	2.62	2430	2.62	5250	4.70	5800	5.12
2440	2.48	2440	2.48	5300	4.34	5850	4.83
2450	2.30	2450	2.30	5350	4.29		
2460	2.18	2460	2.18	5400	4.20		
2470	2.22	2470	2.22	5450	4.24		
2480	2.45	2480	2.45	5500	4.39		
2490	2.55	2490	2.55	5550	4.97		
2500	2.63	2500	2.63	5600	5.17		

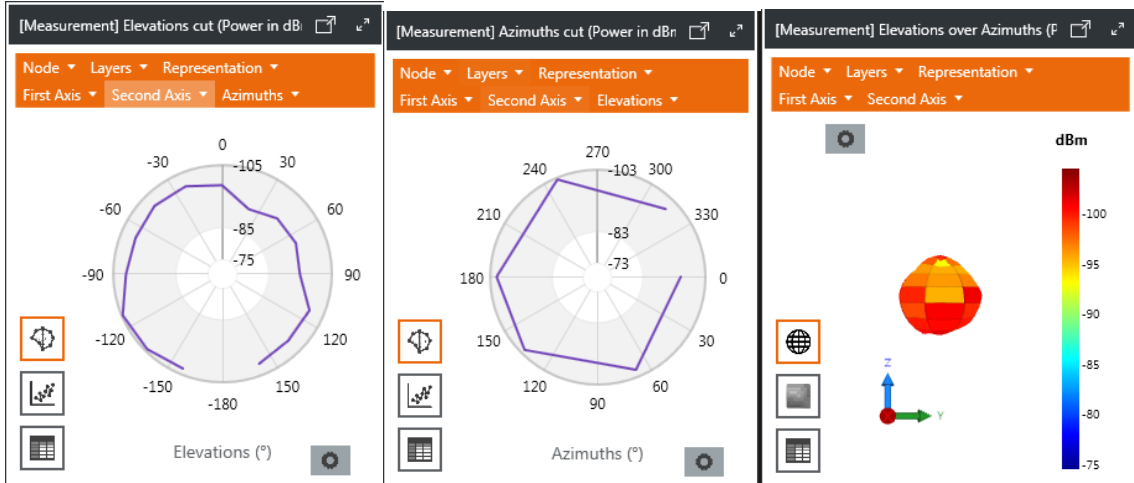
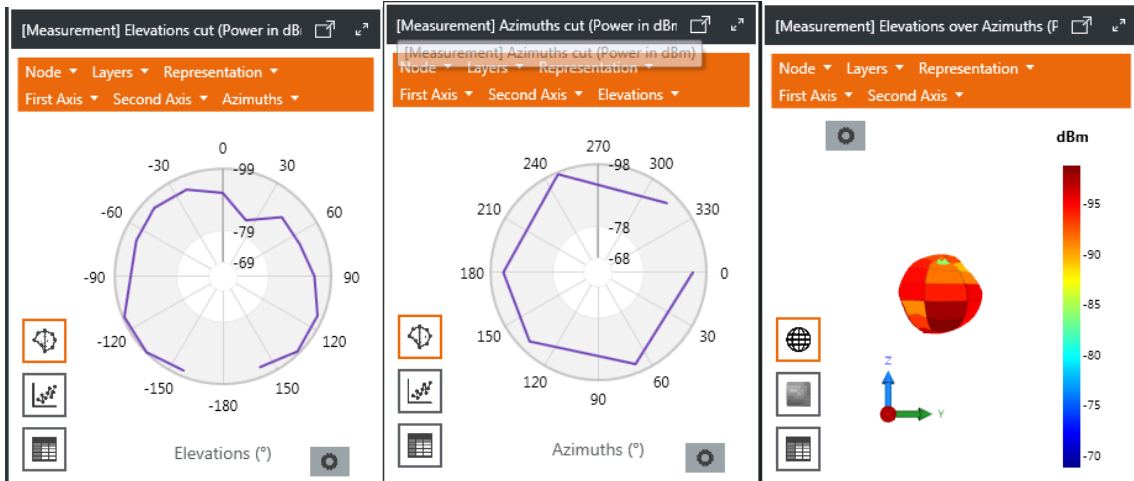
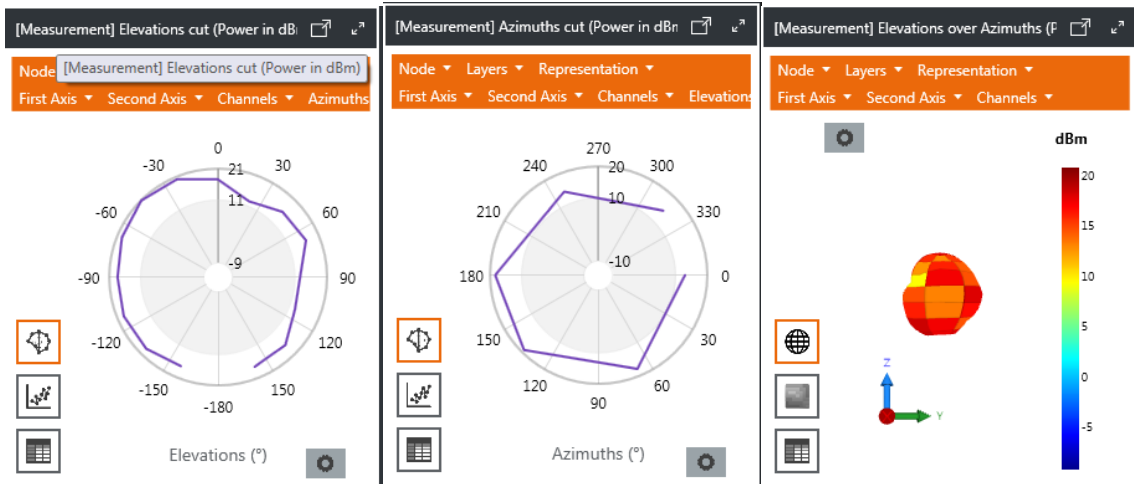
Apple map direction map:

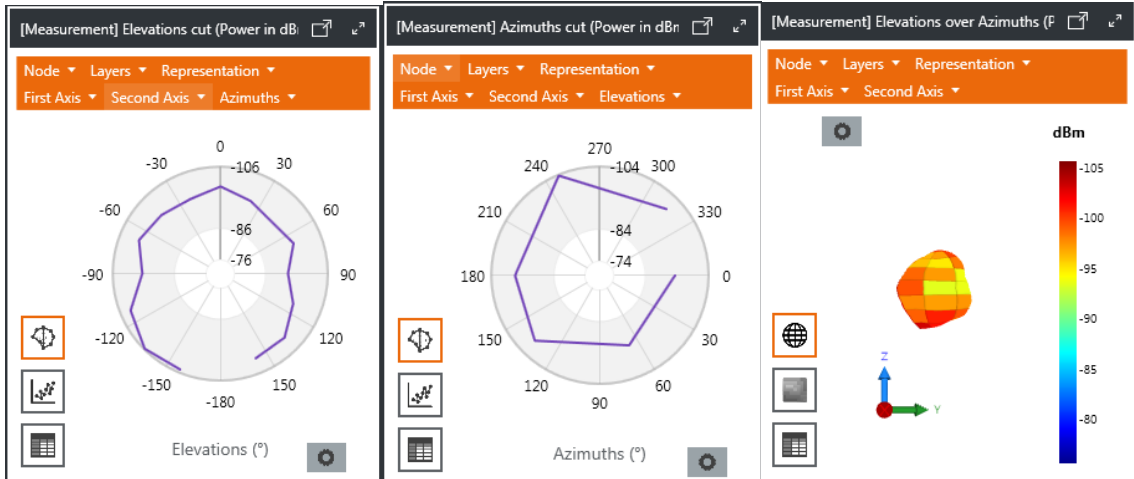
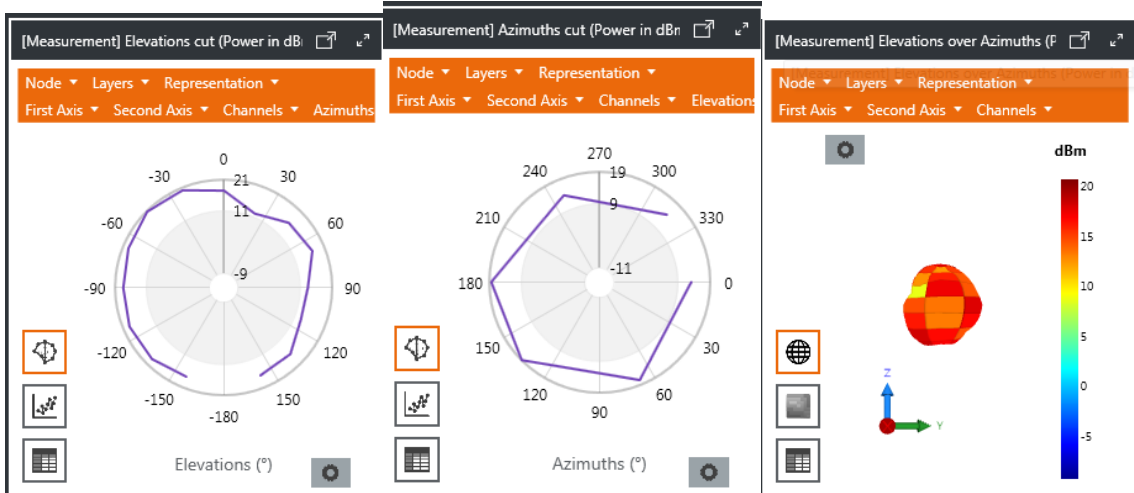
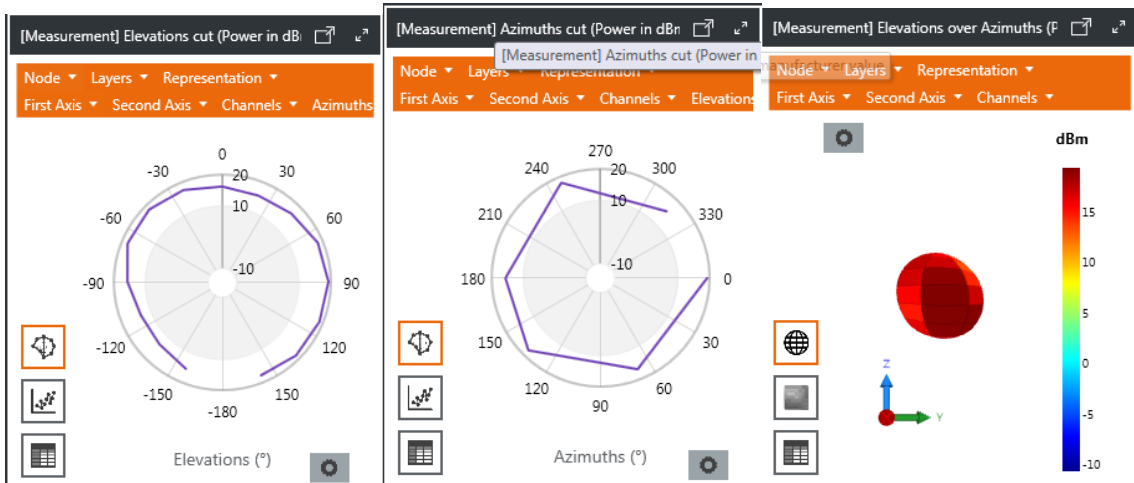
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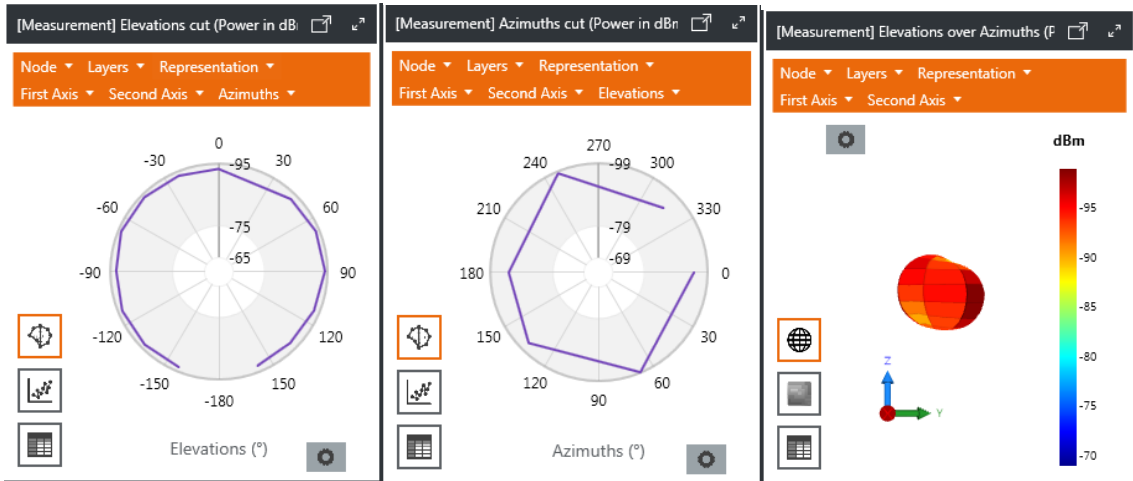
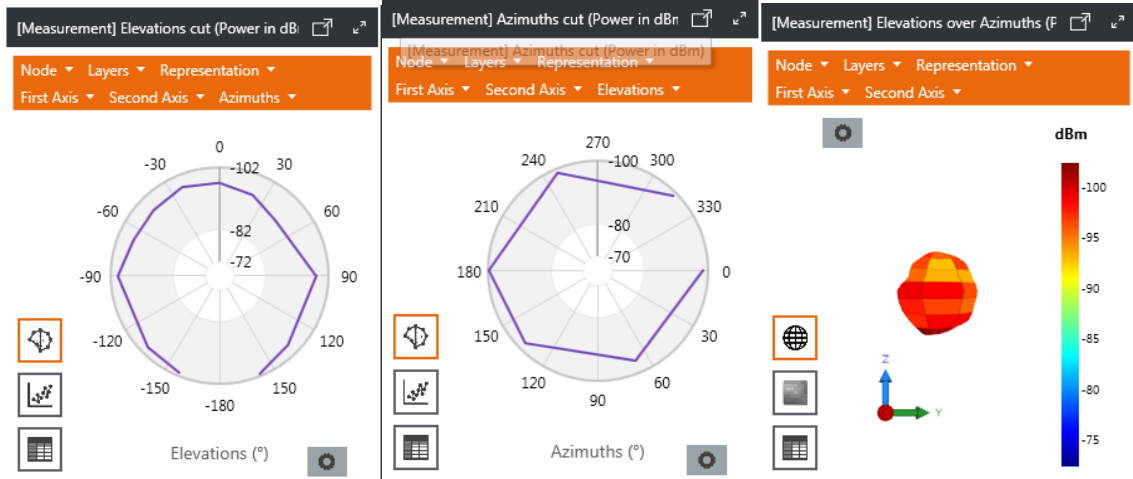
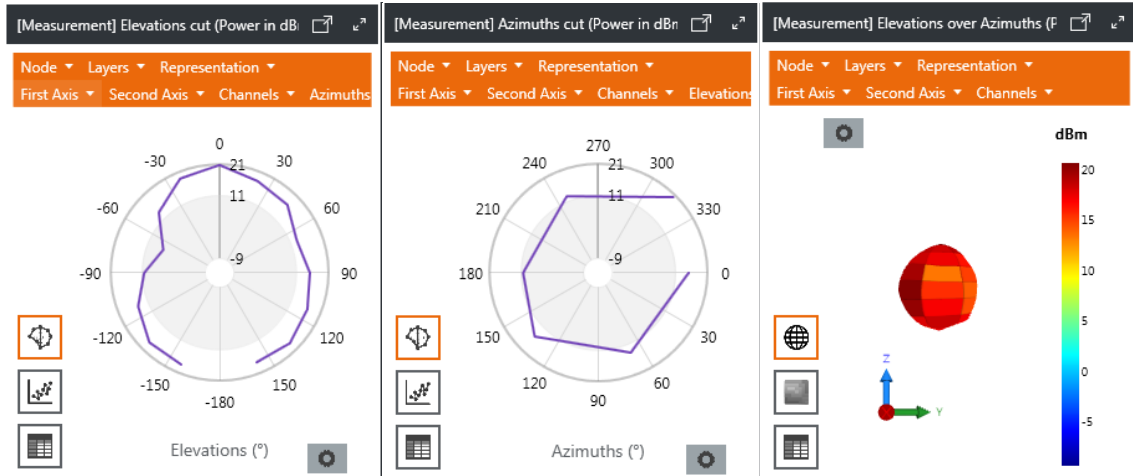


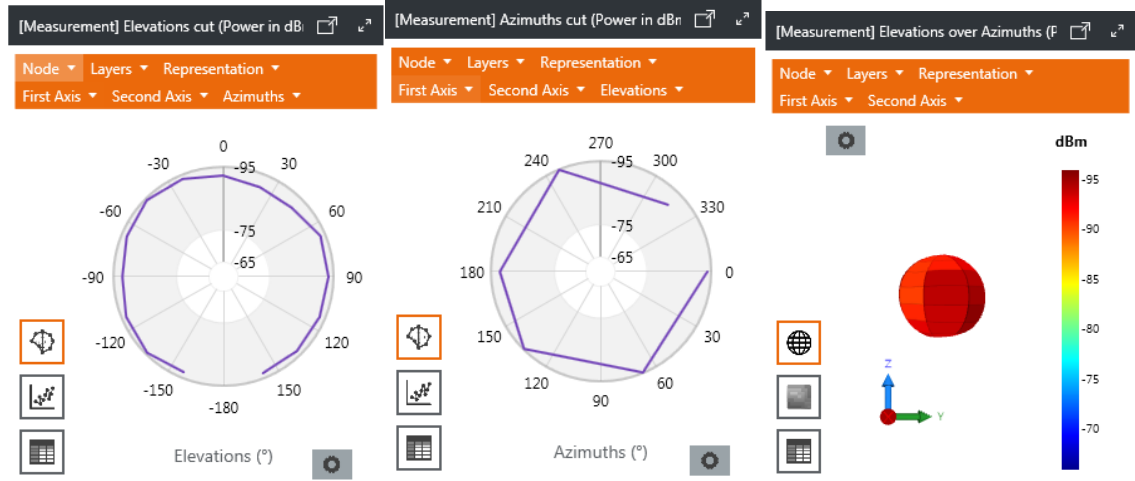
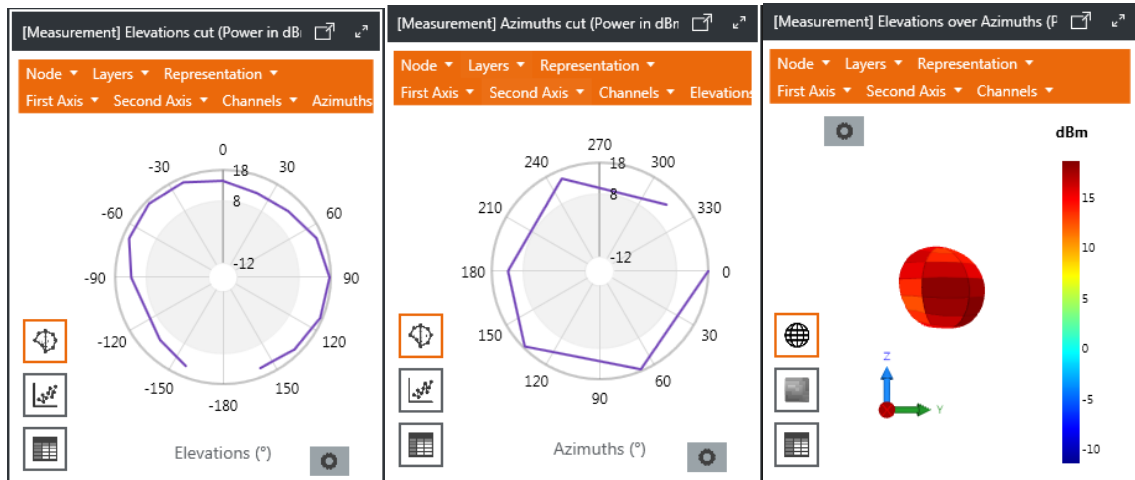
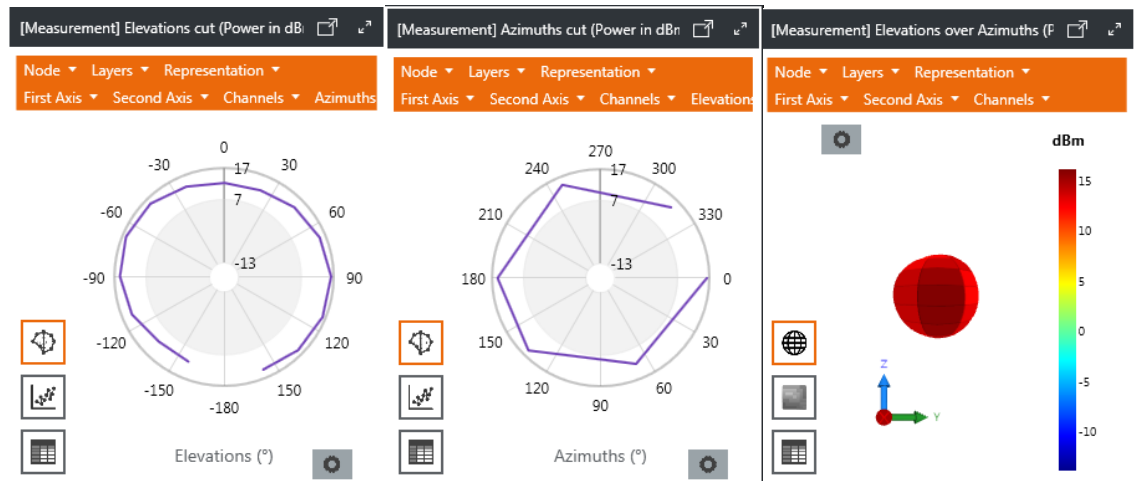
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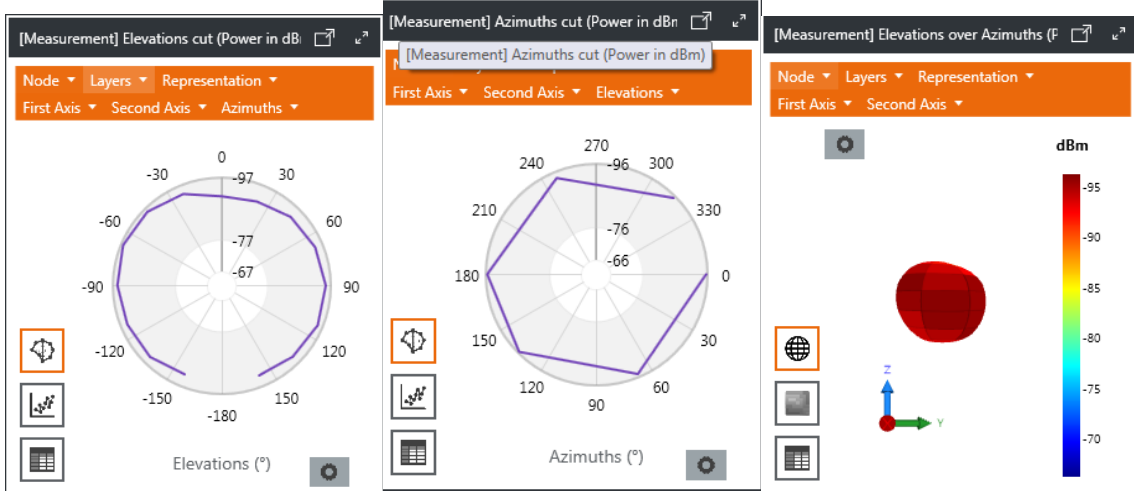
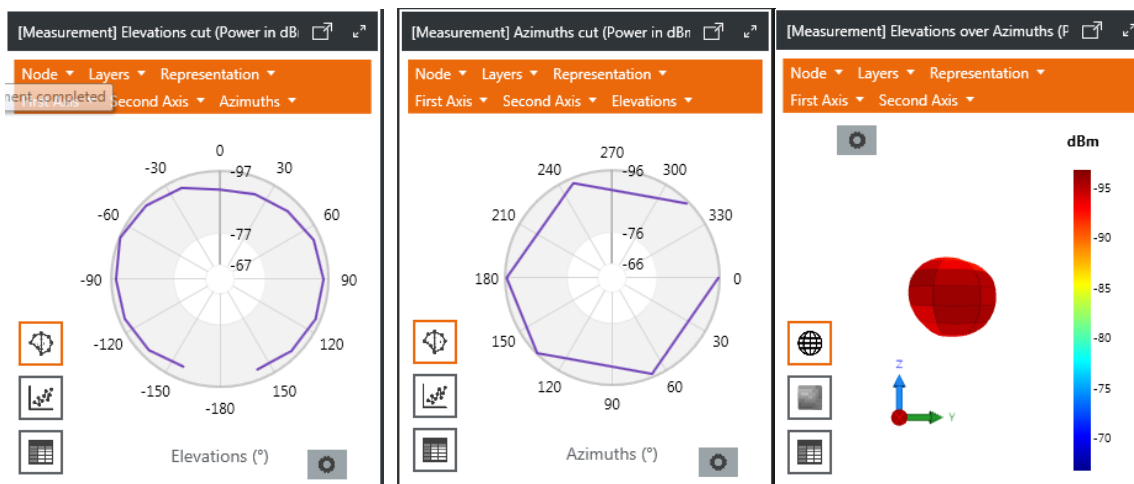
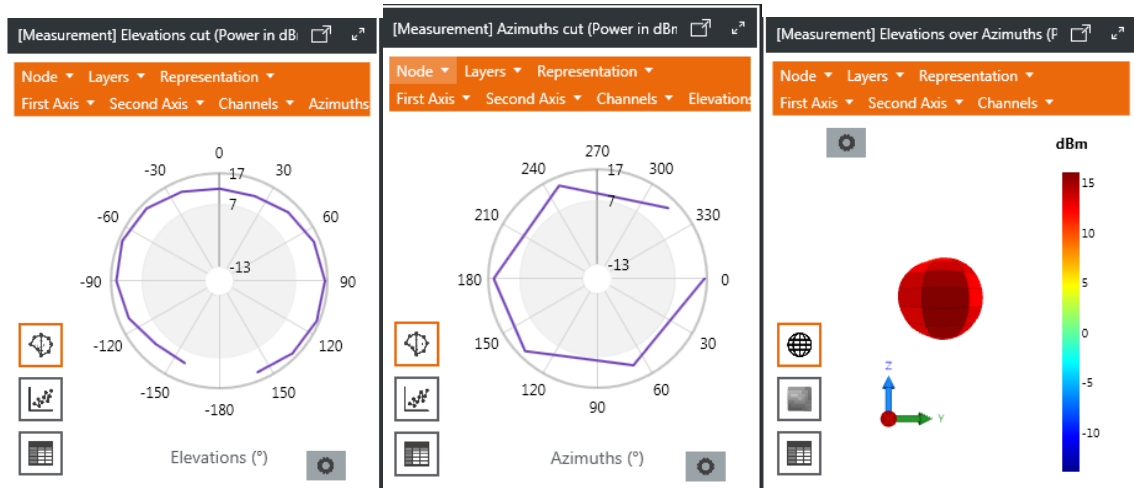


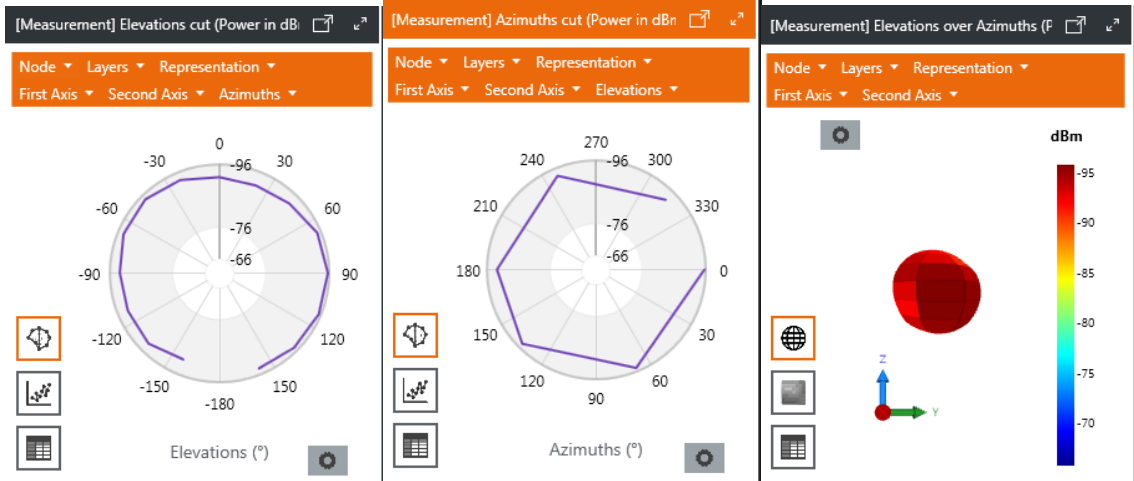
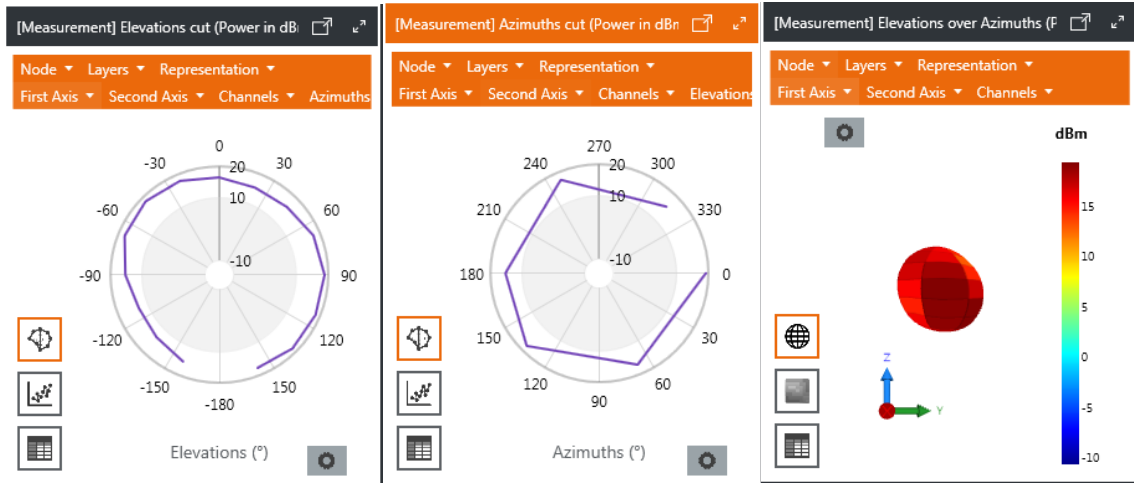
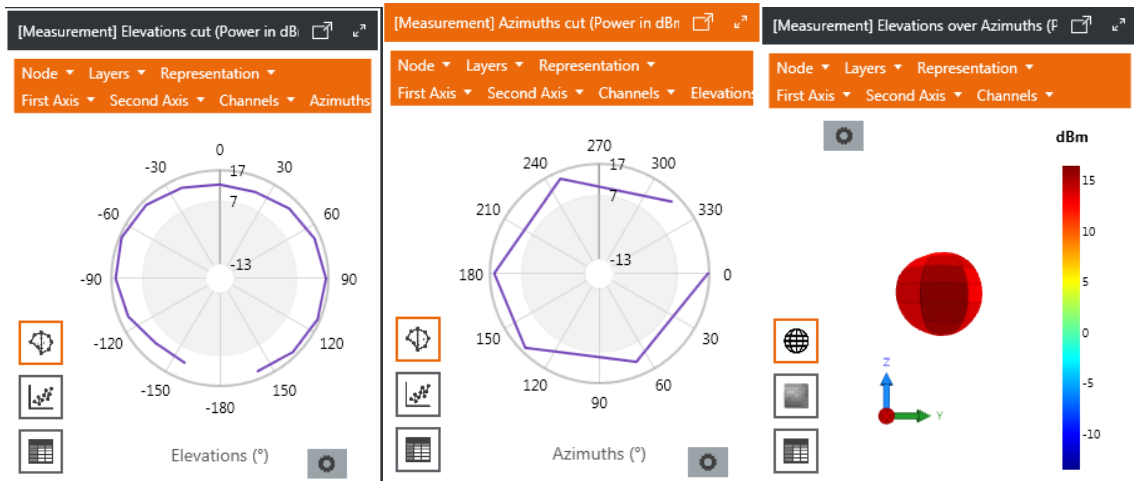

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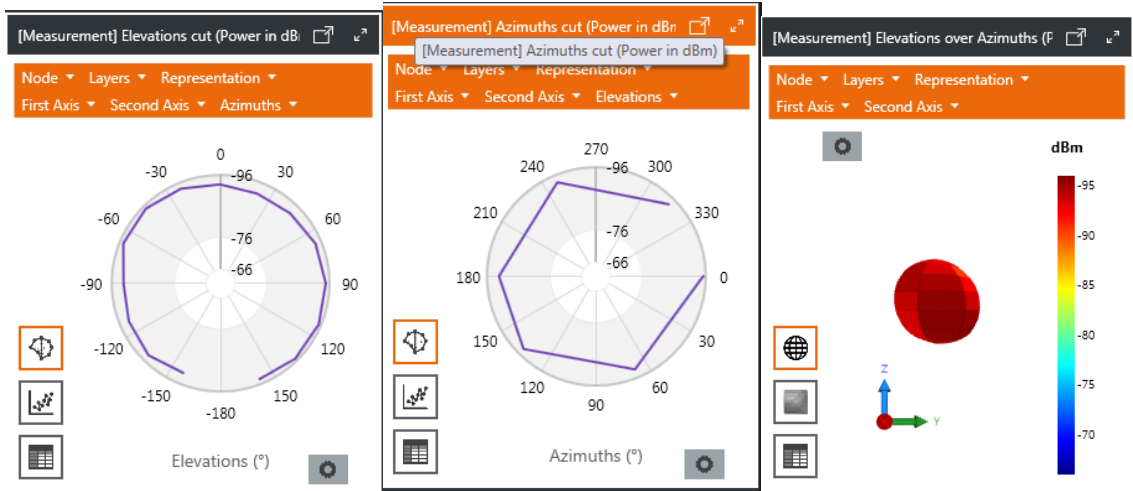
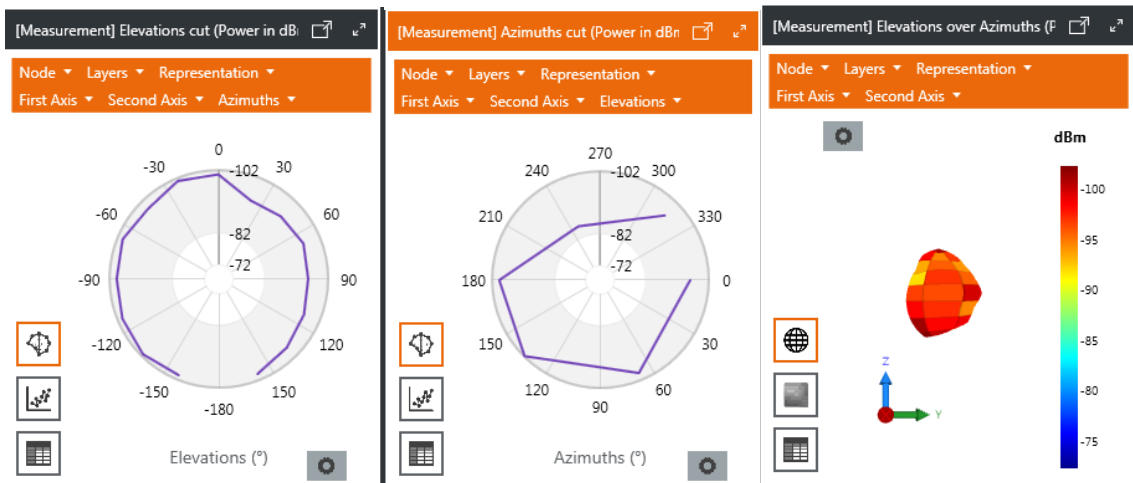
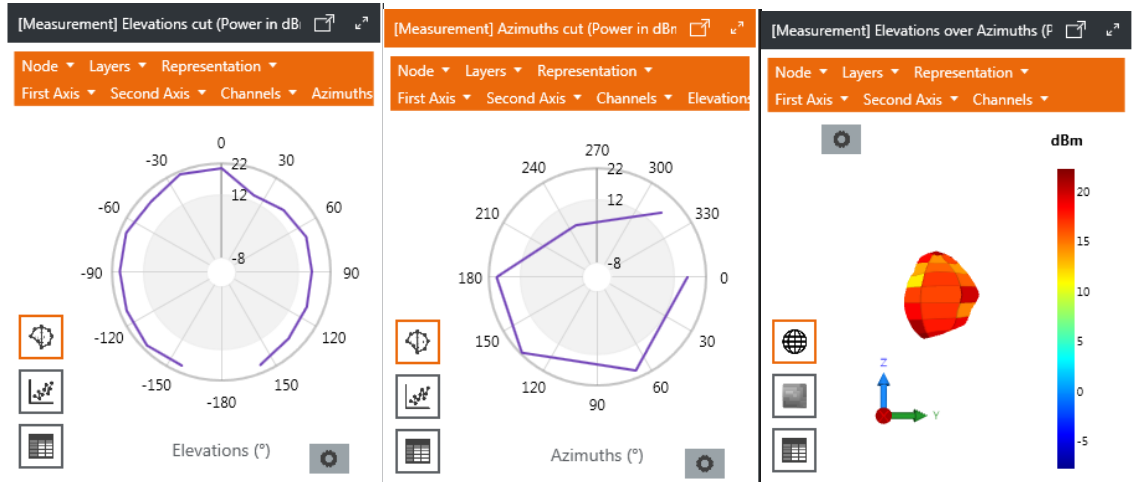
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LTE-B5


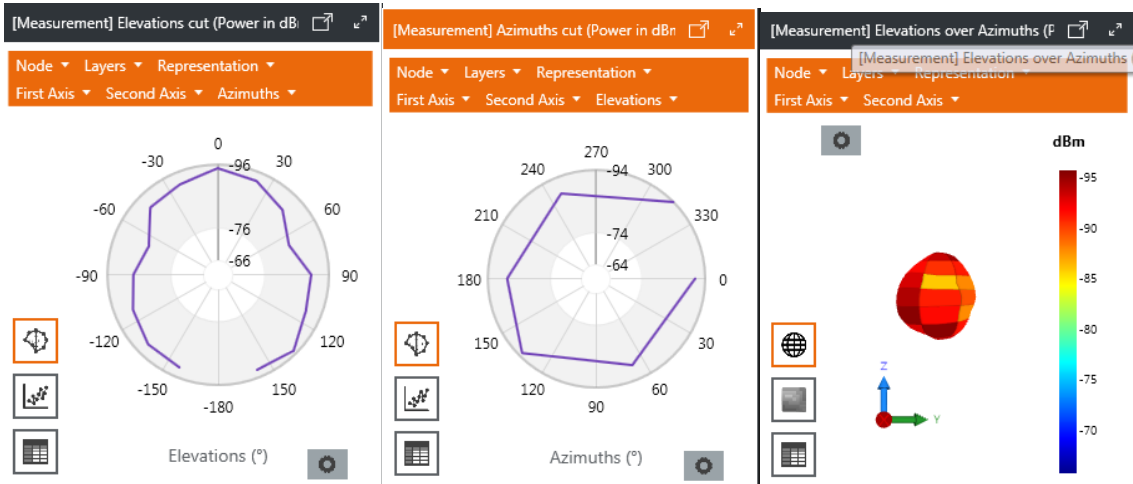
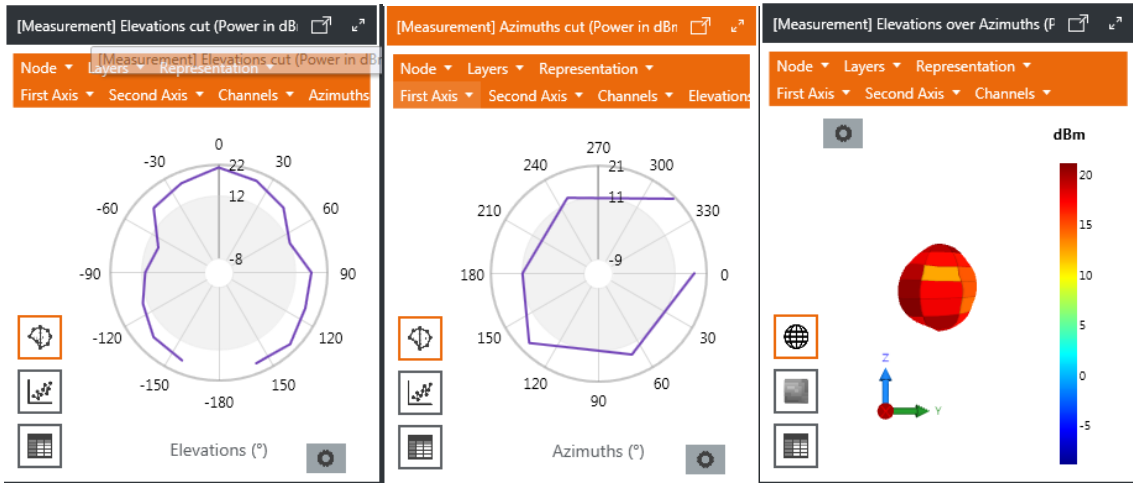
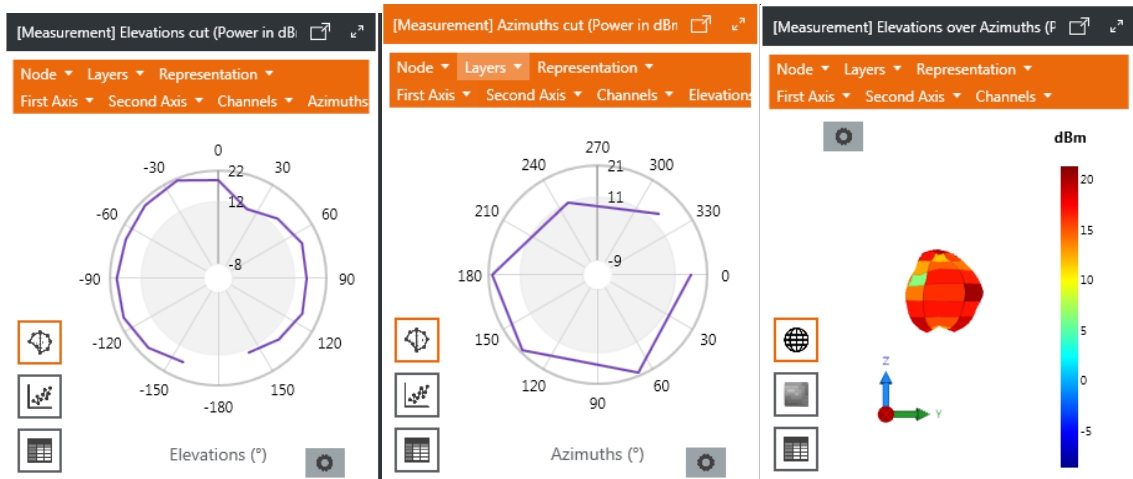

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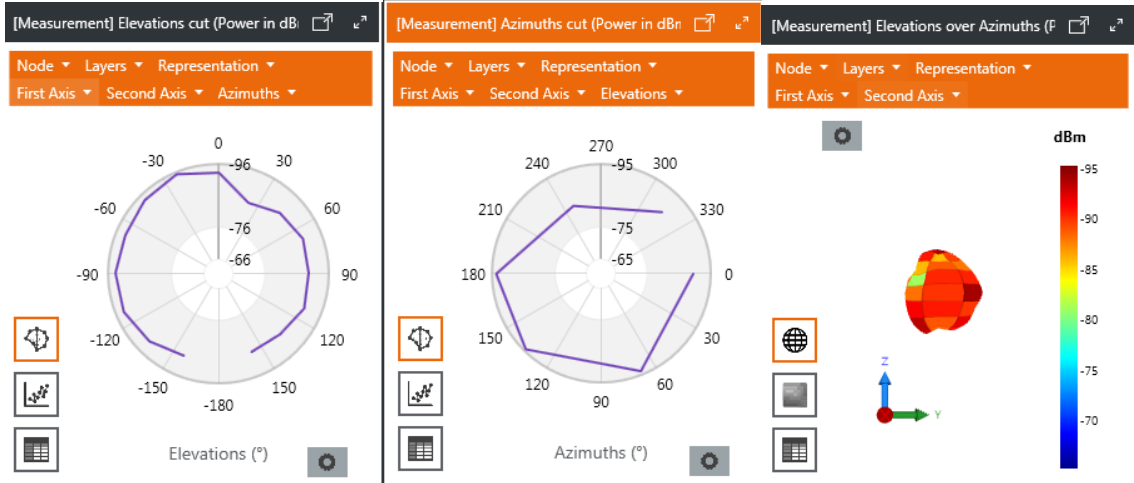
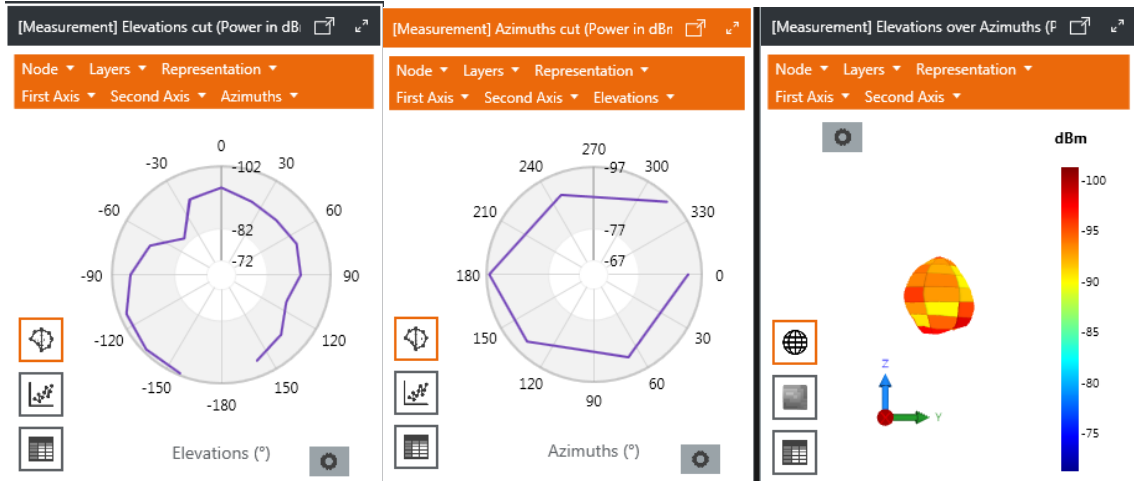
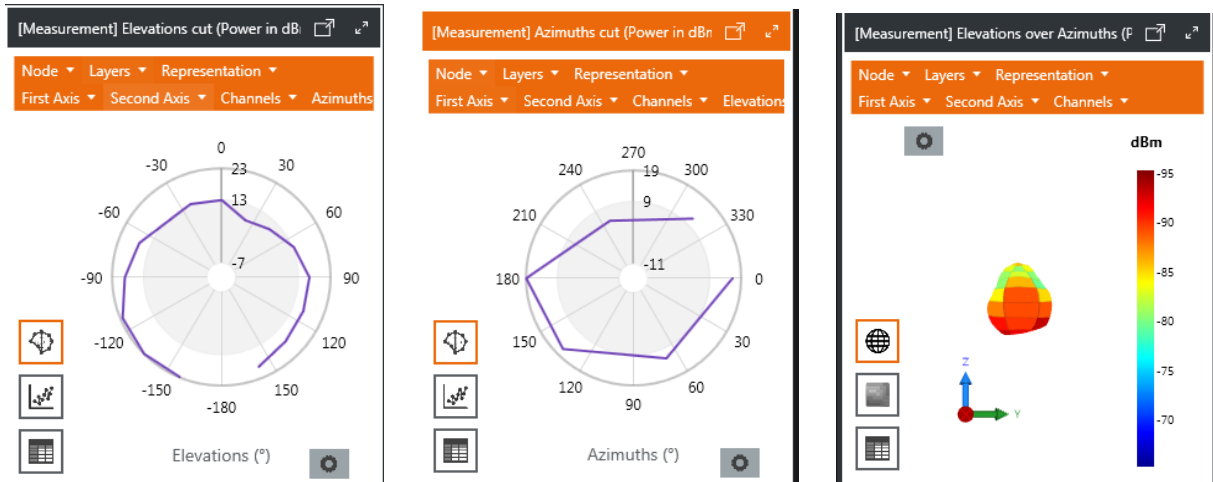
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LTE-B12


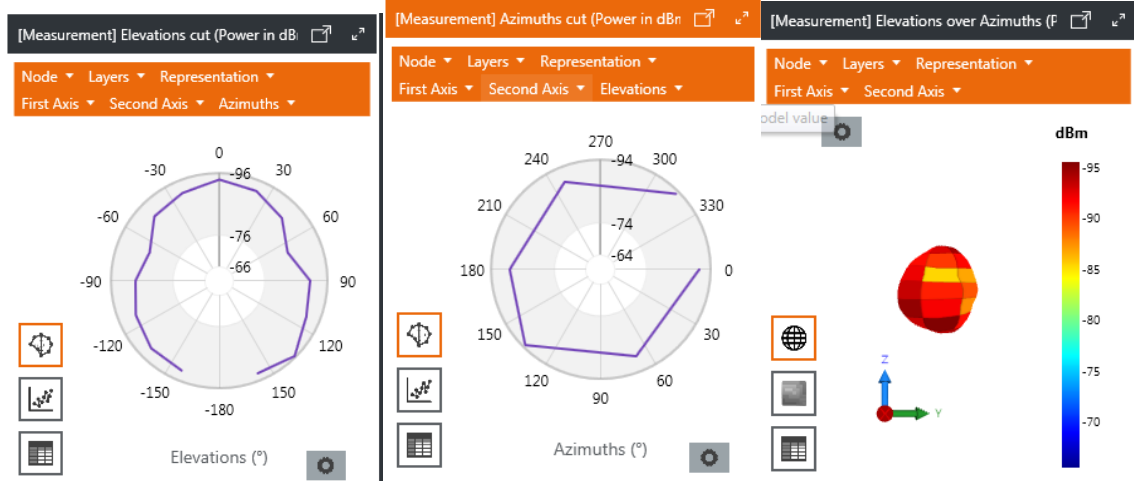
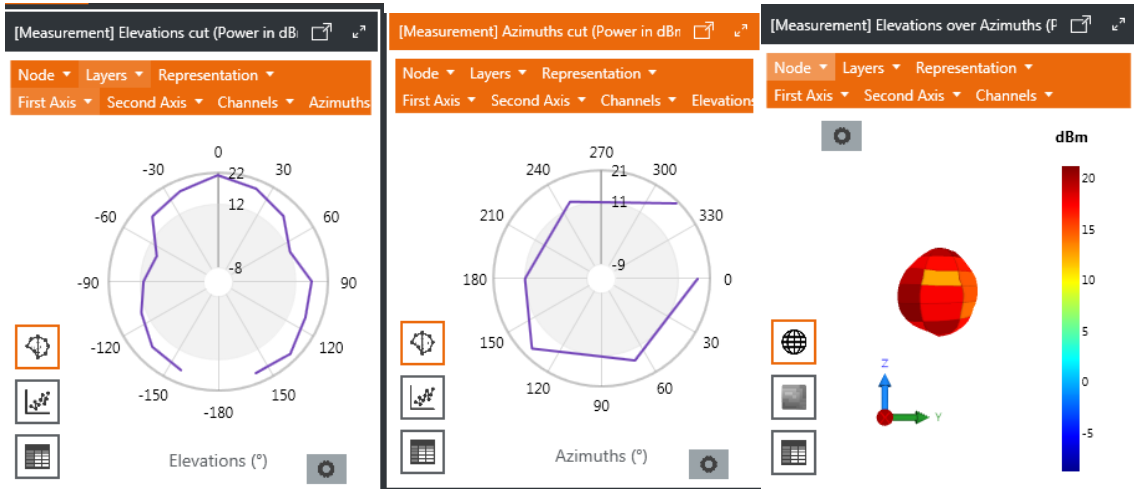
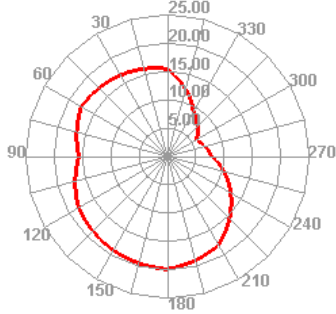
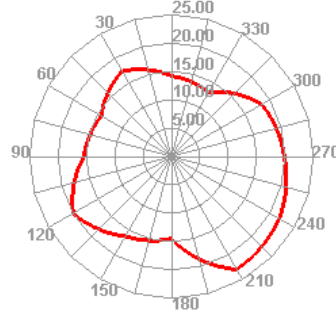
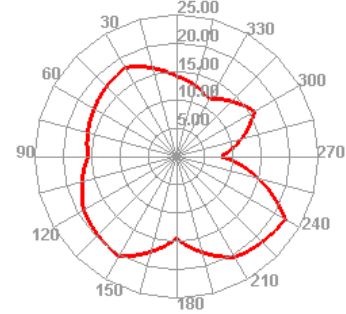

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LTE-B20

LTE-B28


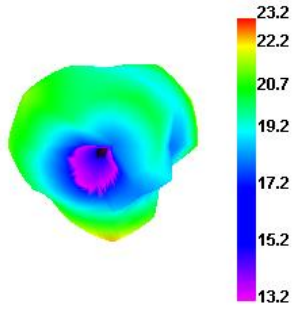

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LTE-B38

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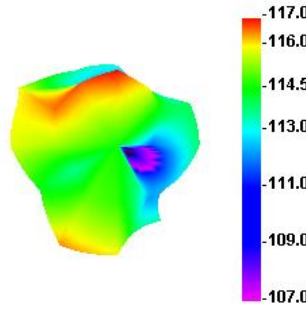

LTE-B40


LTE-B41

WCDMA2100
WCDMA_I 9750 TRP H

WCDMA_I 9750 TRP E1

WCDMA_I 9750 TRP E2


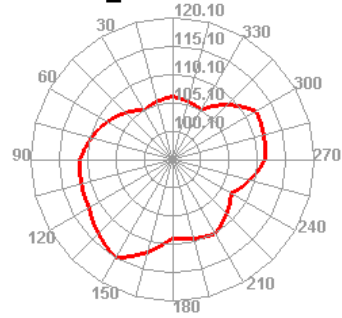
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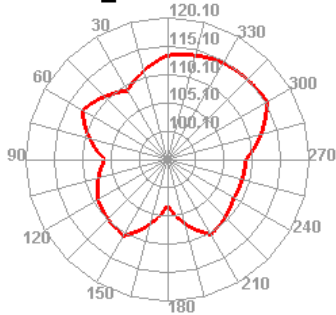
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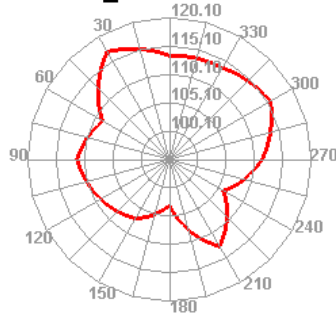
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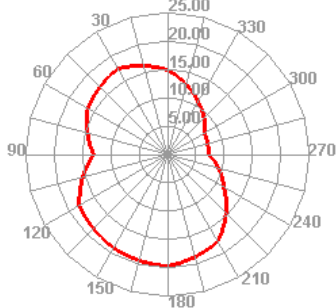


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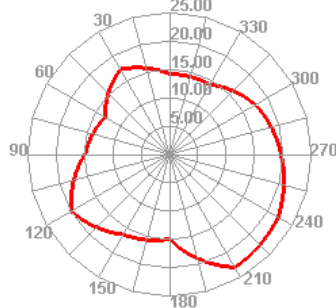


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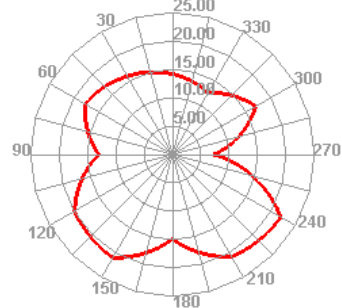
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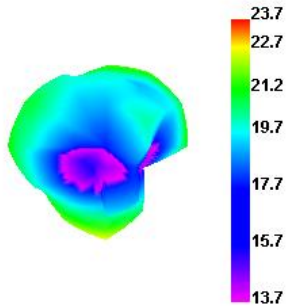
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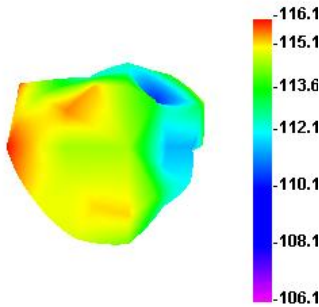
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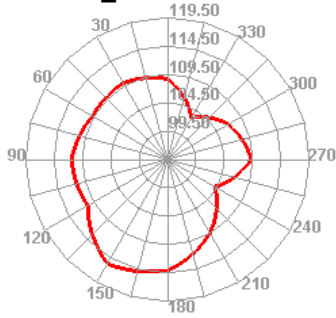
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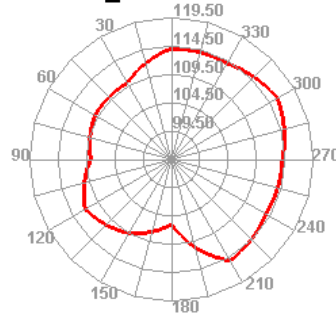
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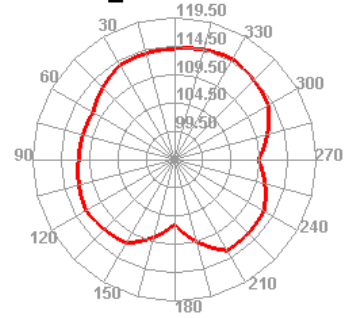
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WCDMA_II 9938 TIS E1

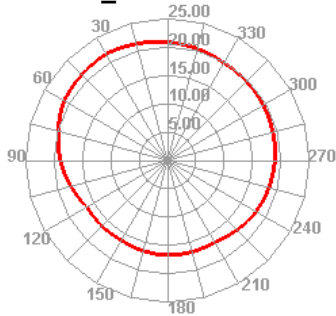


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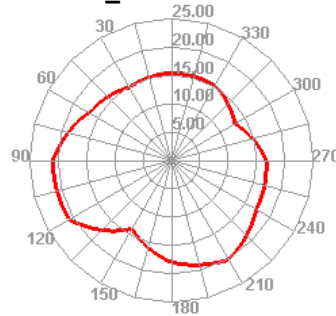


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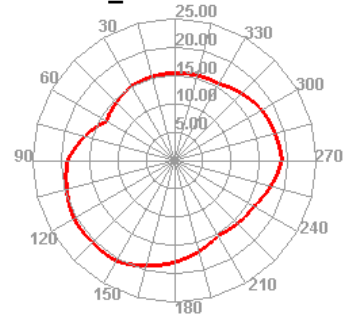
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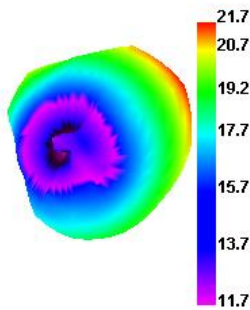
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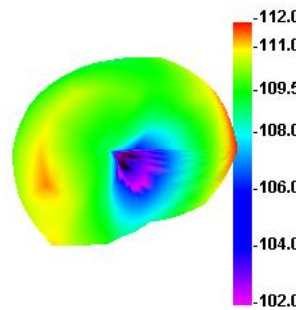
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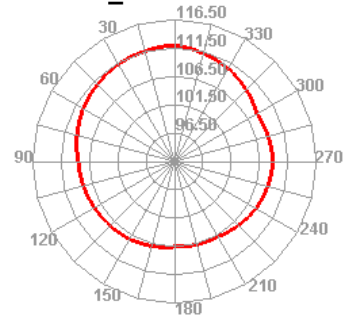
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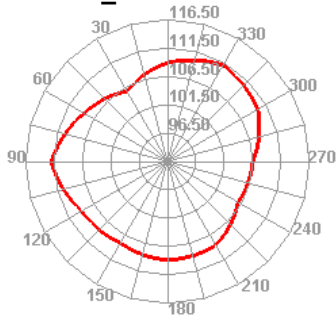
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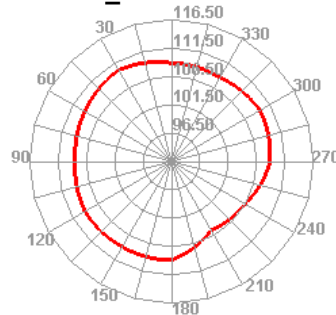
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WCDMA_V 4458 TIS E1

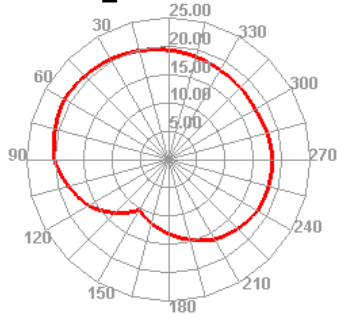


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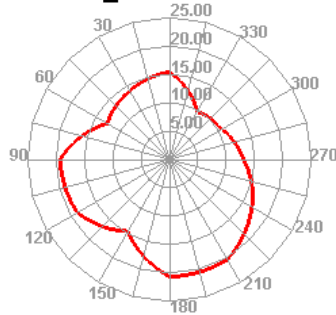


WCDMA900

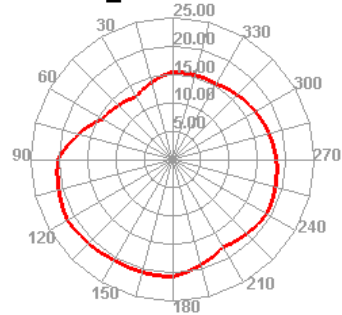
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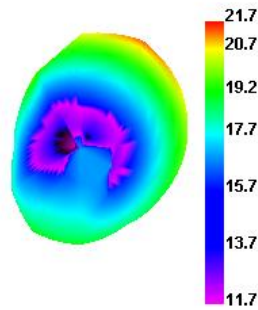
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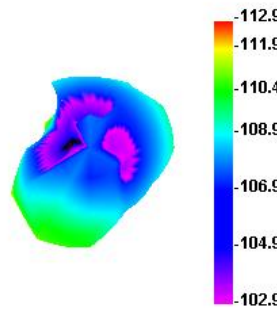
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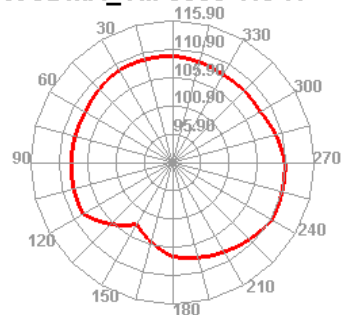
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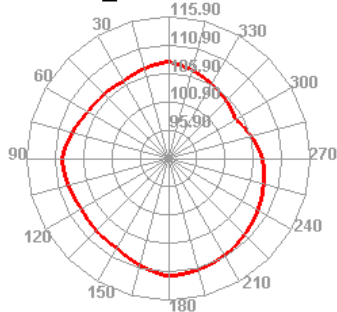
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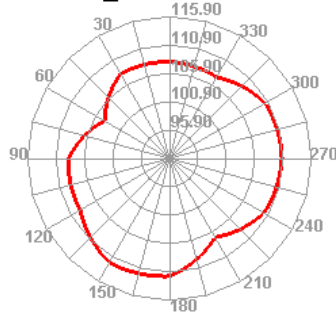
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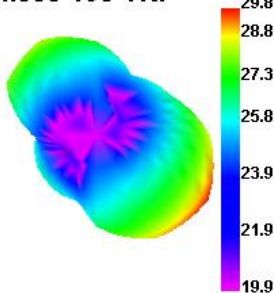


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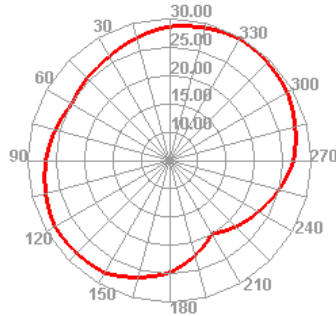


GSM850

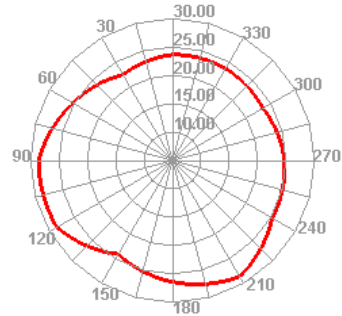
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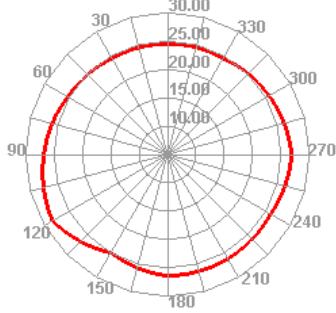
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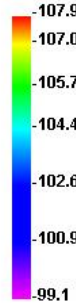
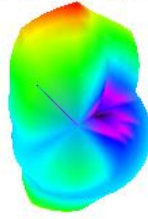
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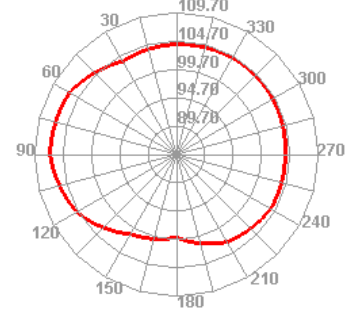
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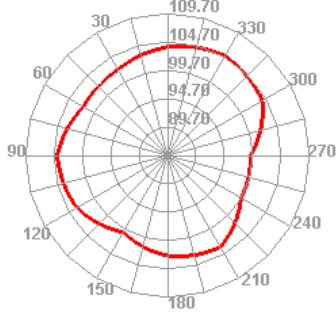
GSM850 251 TIS



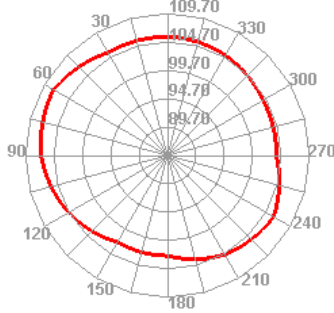
GSM850 251 TIS H



GSM850 251 TIS E1

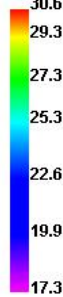
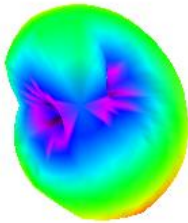


GSM850 251 TIS E2

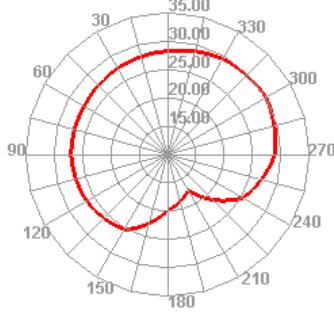


EGSM900

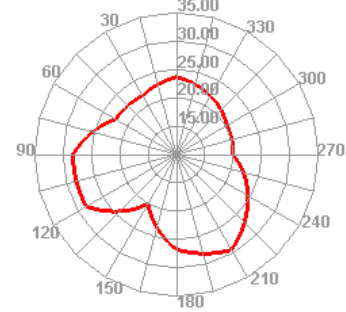
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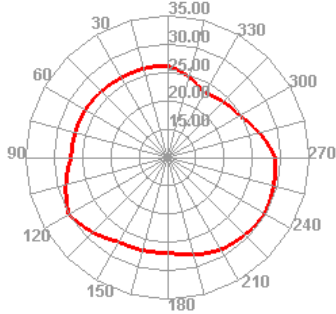
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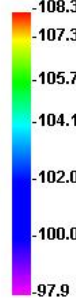
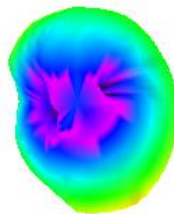
EGSM 62 TRP E1



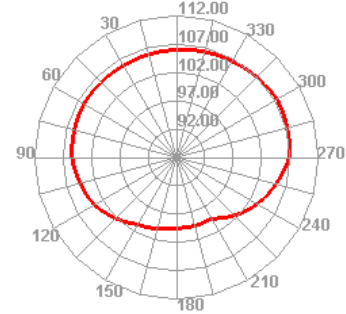
EGSM 62 TRP E2



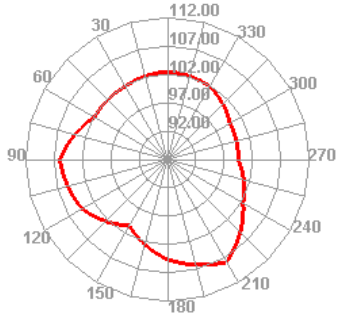
EGSM 124 TIS



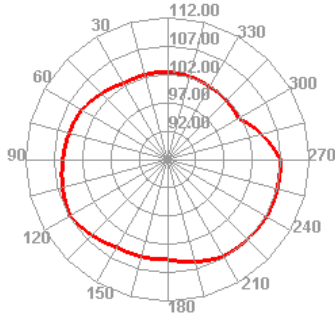
EGSM 124 TIS H



EGSM 124 TIS E1

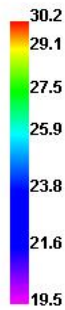
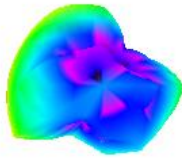


EGSM 124 TIS E2

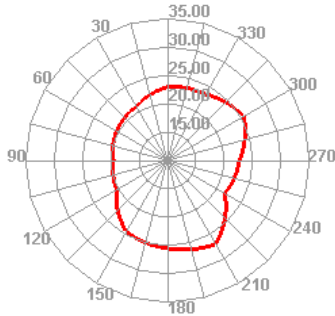


DCS1800

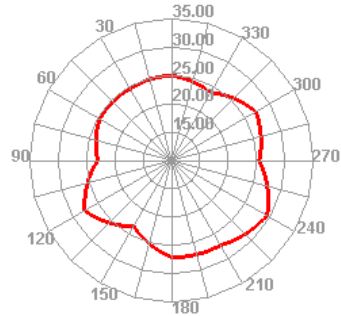
DCS 698 TRP



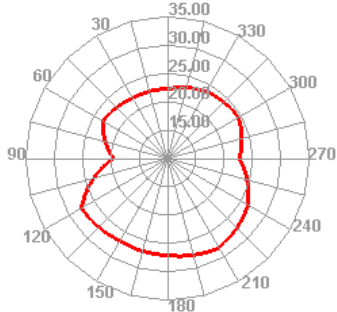
DCS 698 TRP H



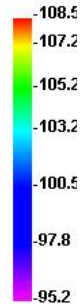
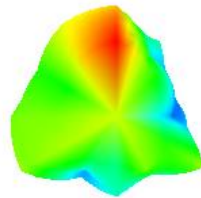
DCS 698 TRP E1



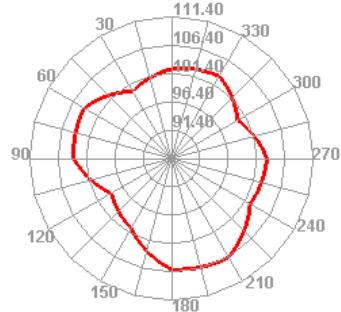
DCS 698 TRP E2



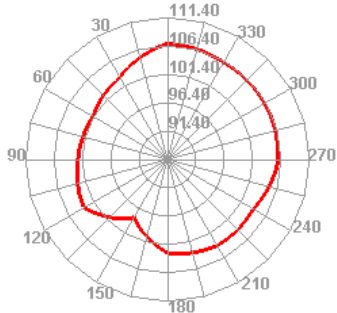
DCS 885 TIS



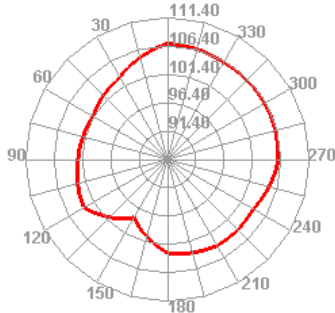
DCS 885 TIS H



DCS 885 TIS E1

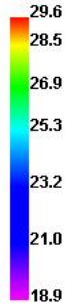
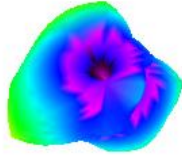


DCS 885 TIS E2

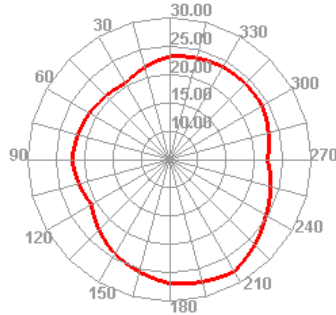


PCS1900

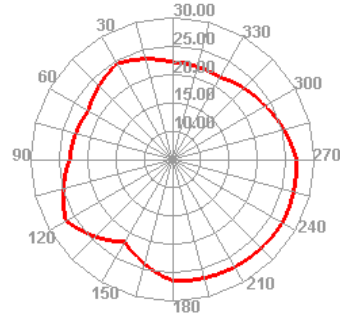
PCS 661 TRP



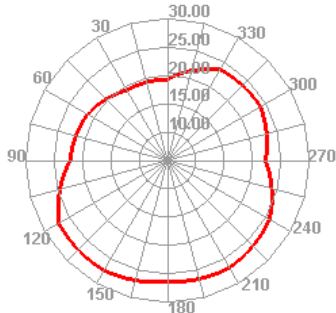
PCS 661 TRP H



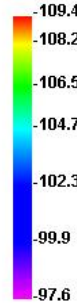
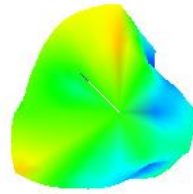
PCS 661 TRP E1



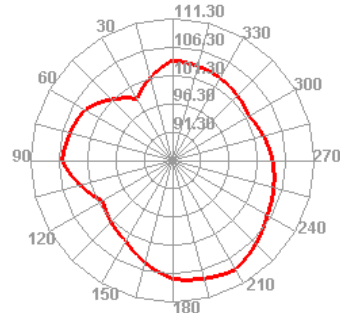
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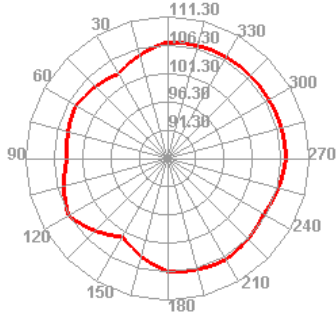
PCS 810 TIS



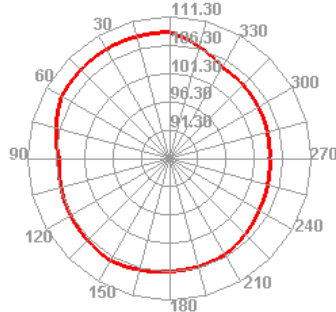
PCS 810 TIS H



PCS 810 TIS E1

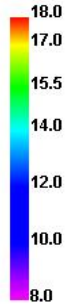
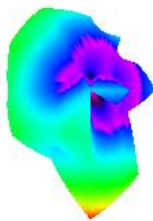


PCS 810 TIS E2

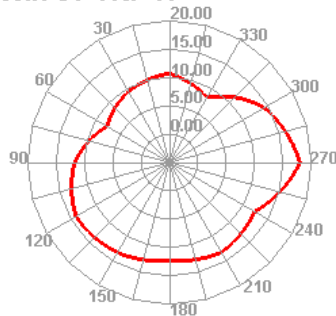


WIFI

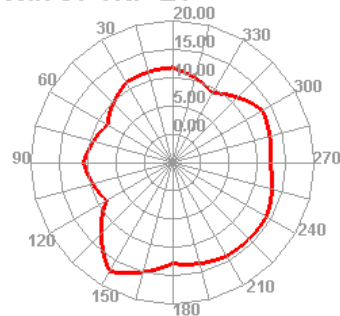
Wifi 36 TRP



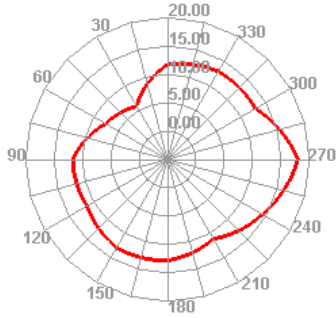
Wifi 36 TRP H



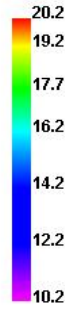
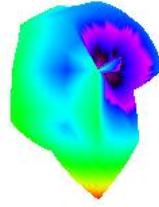
Wifi 36 TRP E1



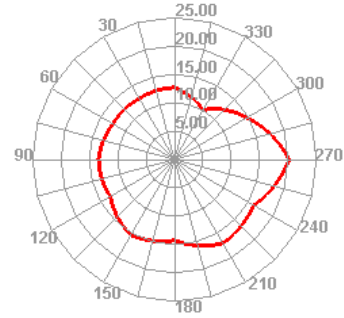
Wifi 36 TRP E2



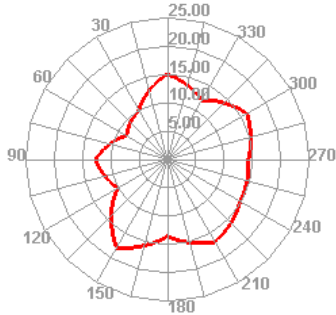
Wifi 64 TRP



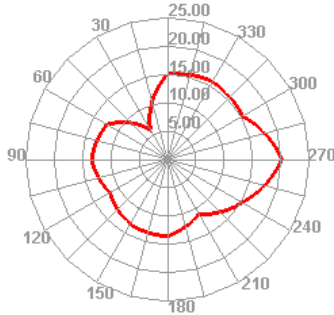
Wifi 64 TRP H



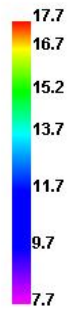
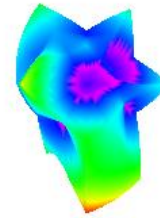
Wifi 64 TRP E1



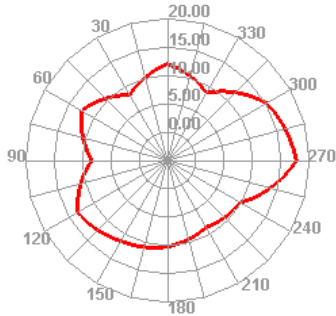
Wifi 64 TRP E2



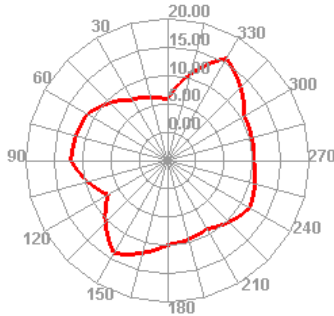
Wifi 165 TRP



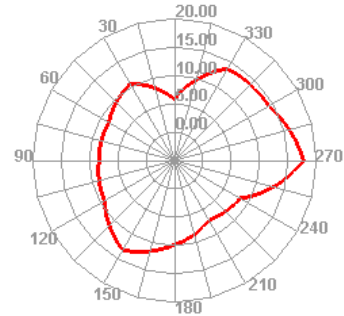
Wifi 165 TRP H



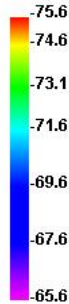
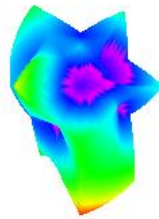
Wifi 165 TRP E1



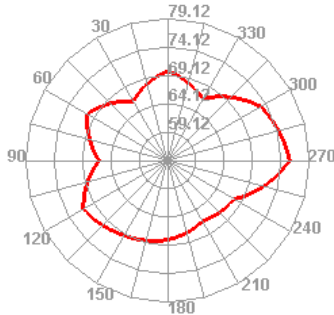
Wifi 165 TRP E2



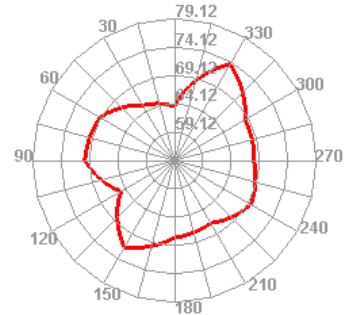
Wifi 165 TIS



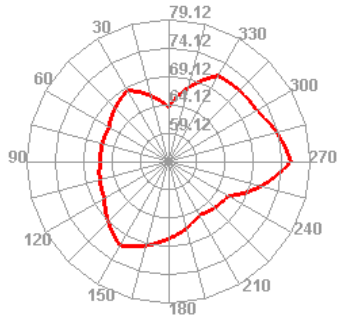
Wifi 165 TIS H



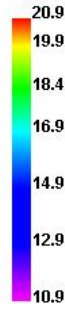
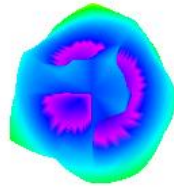
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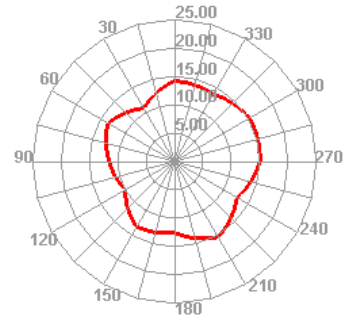
Wifi 165 TIS E2



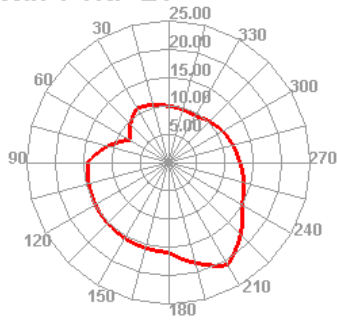
Wifi 1 TRP



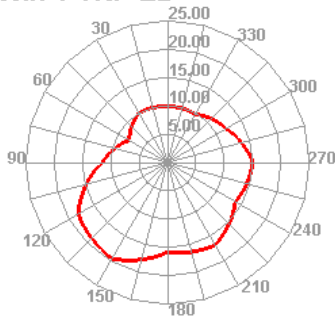
Wifi 1 TRP H



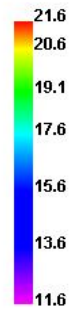
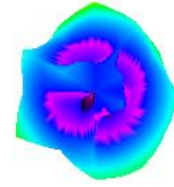
Wifi 1 TRP E1



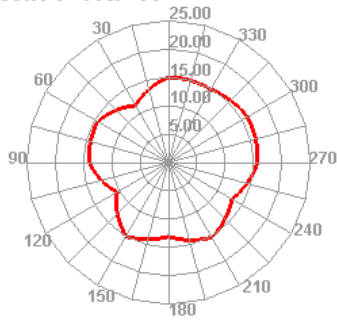
Wifi 1 TRP E2



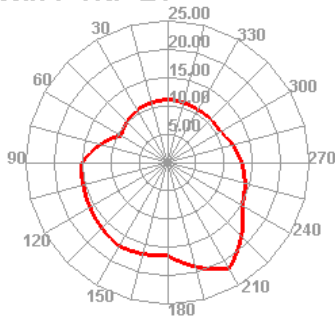
Wifi 7 TRP



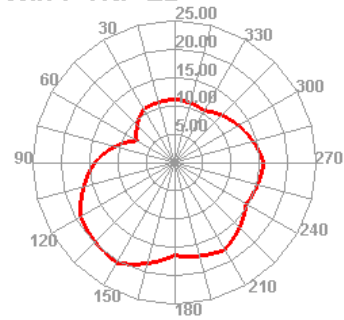
Wifi 7 TRP H



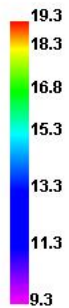
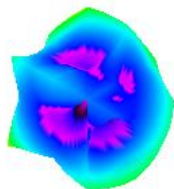
Wifi 7 TRP E1



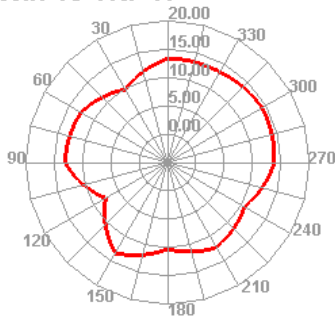
Wifi 7 TRP E2



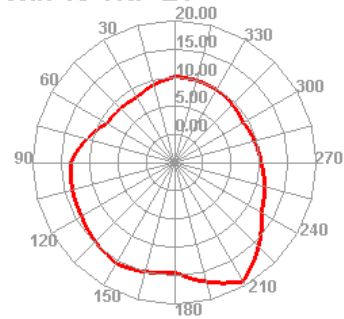
Wifi 13 TRP



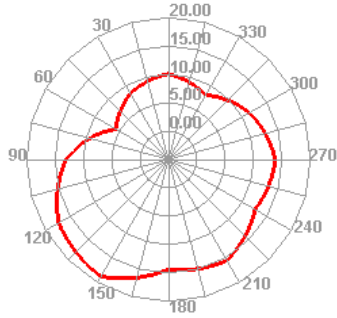
Wifi 13 TRP H



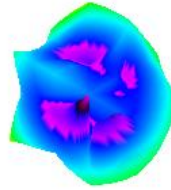
Wifi 13 TRP E1



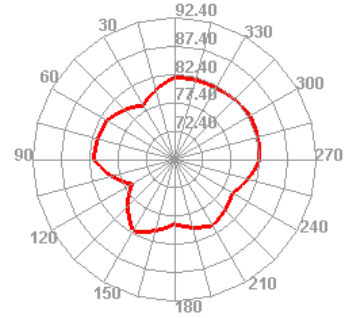
Wifi 13 TRP E2



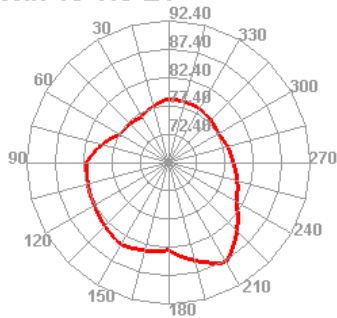
Wifi 13 TIS



Wifi 13 TIS H



Wifi 13 TIS E1



Wifi 13 TIS E2

