



CTLRR-620 A510

Antenna Report

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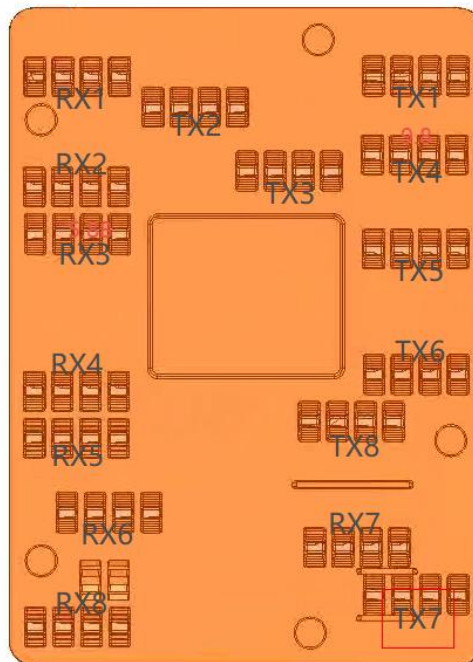
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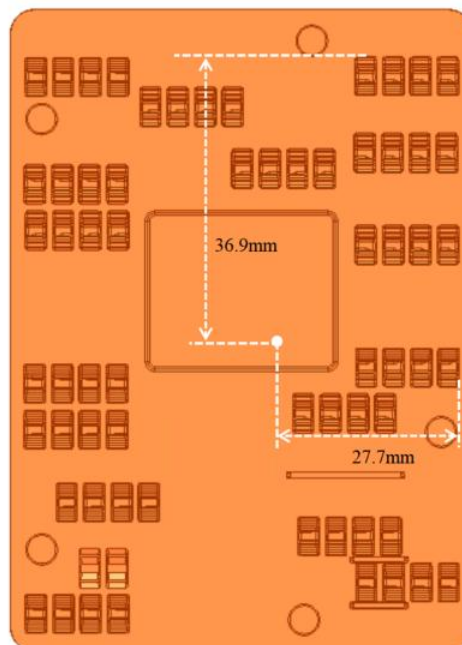
1) Antenna information

Antenna	Manufacturer	Model	Manufacturer's Address	State	Gain(dBi)
TX1	Shenzhen Cheng-Tech Co., Ltd.	CTLRR-620 A510	3F, 4F, 5F, Building C, Pingshan, Chengtouzhi Park, No. 37, Cuijing Road, Zhukeng Community, Longtian Street, Pingshan District, Shenzhen, Guangdong, P. R. China	Integrated antenna	15.05
TX2					15.11
TX3					14.80
TX4					15.01
TX5					15.15
TX6					15.05
TX7					15.06
TX8					15.12
RX1					14.77
RX2					15.17
RX3					15.16
RX4					15.15
RX5					15.16
RX6					15.16
RX7					14.60
RX8					14.90

2) Antenna diagram



3) Antenna radiation pattern



4) Antenna Pattern

3.1) RX Antenna pattern

The direction patterns of the four RX antennas are as follows

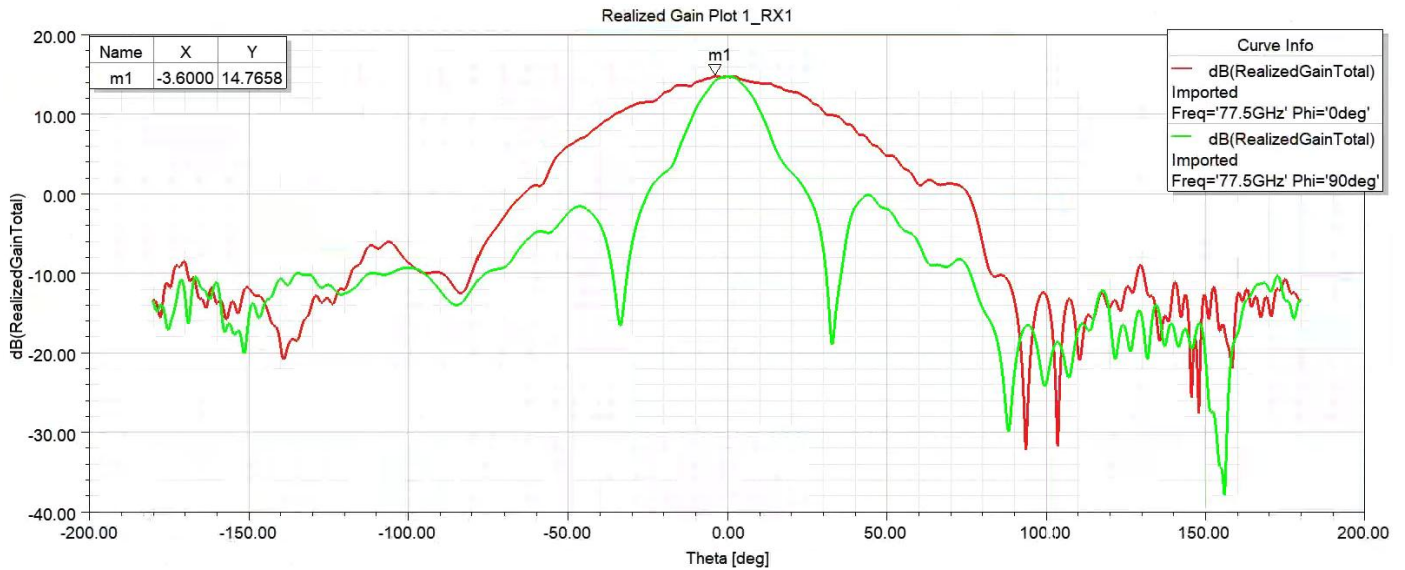


Figure 1 RX1



Figure 2 RX2



Figure 3 RX3

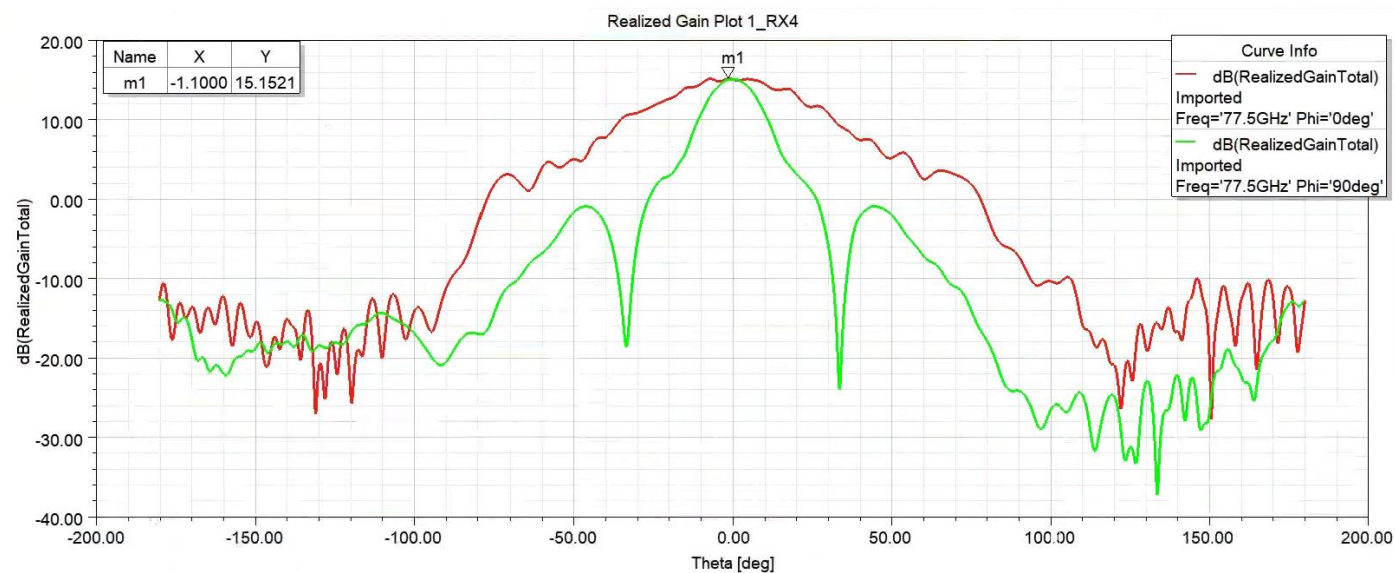


Figure 4 RX4

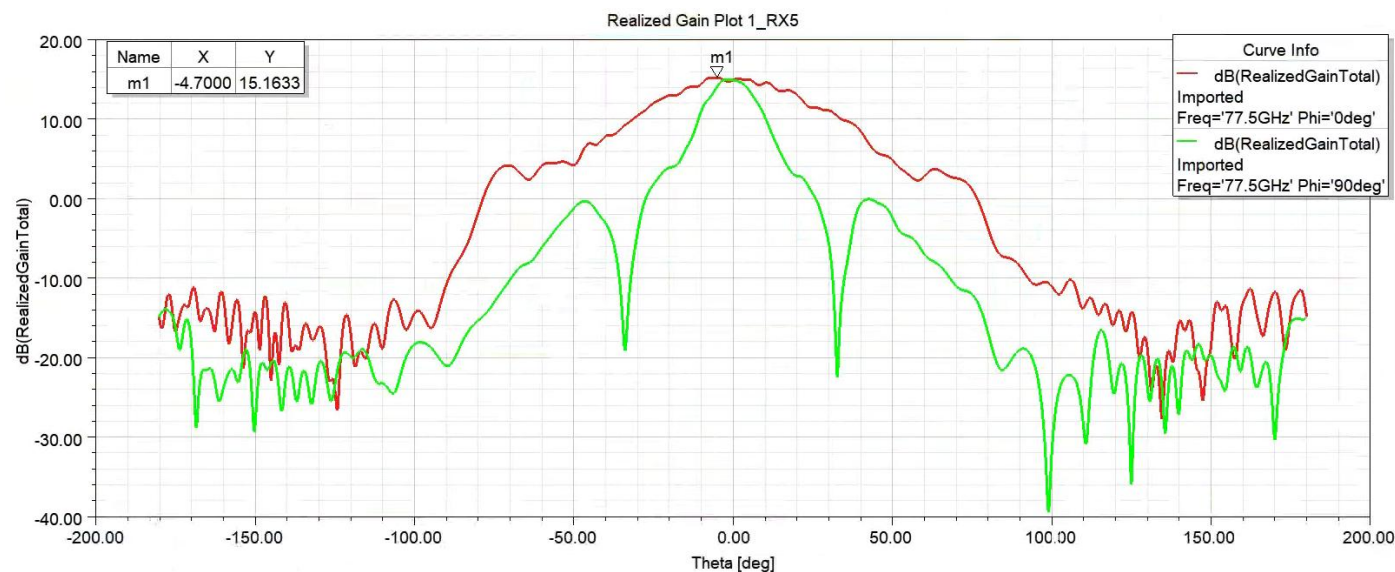


Figure 5 RX5

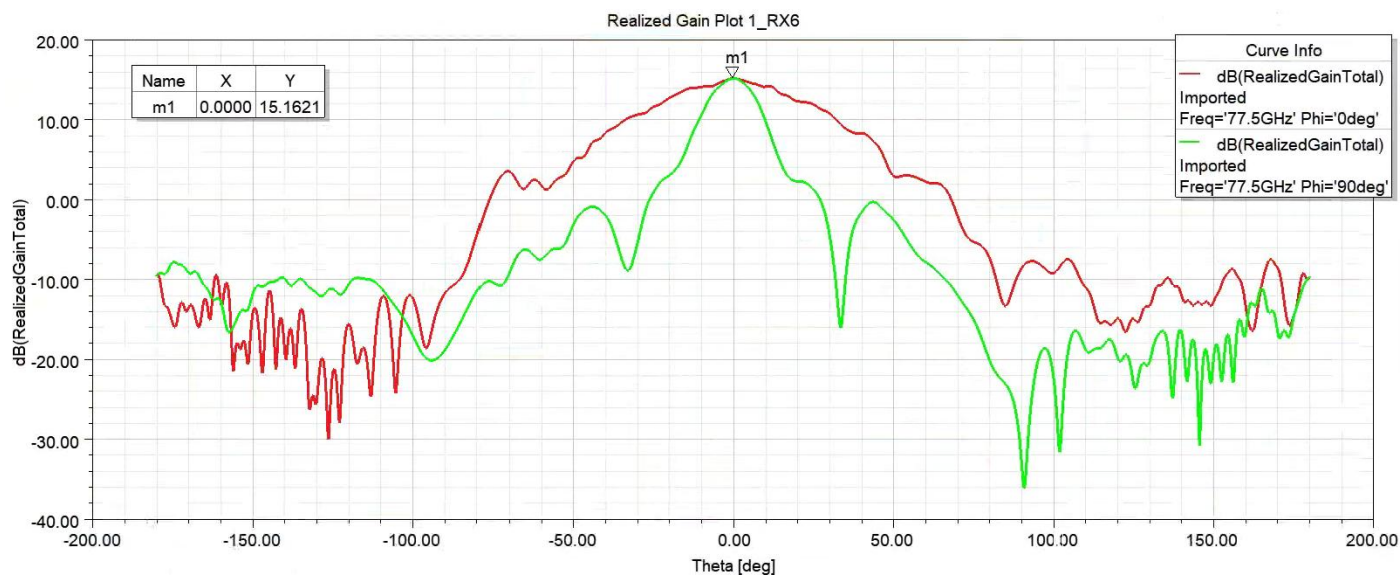


Figure 6 RX6

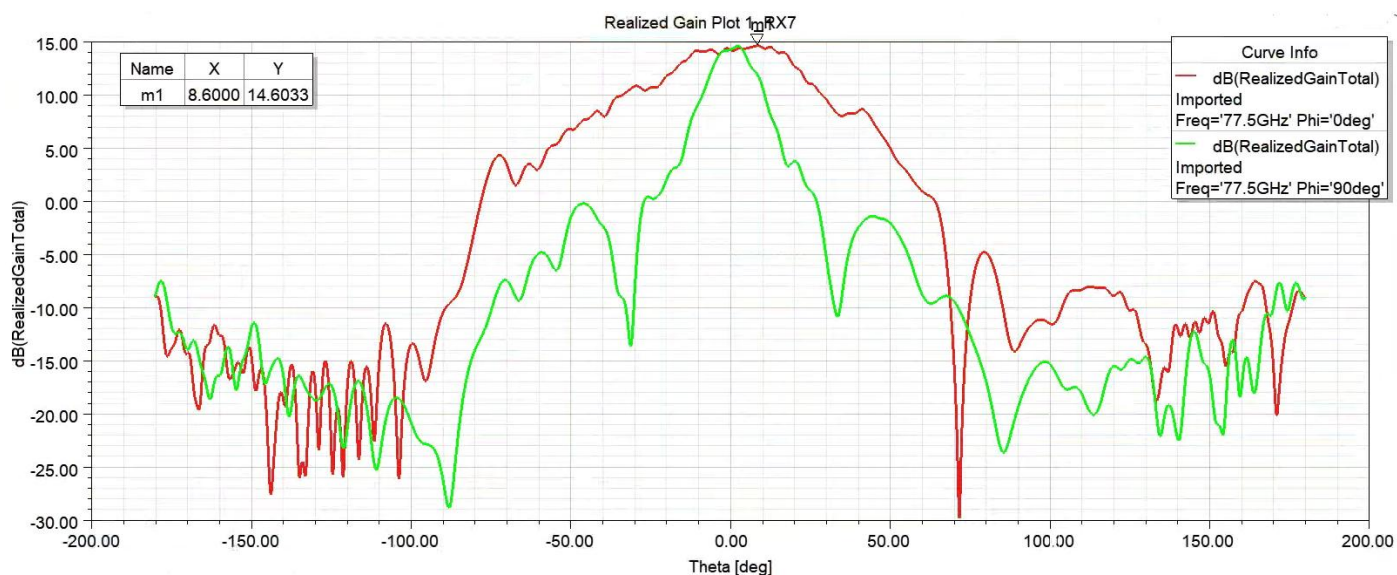


Figure 7 RX7

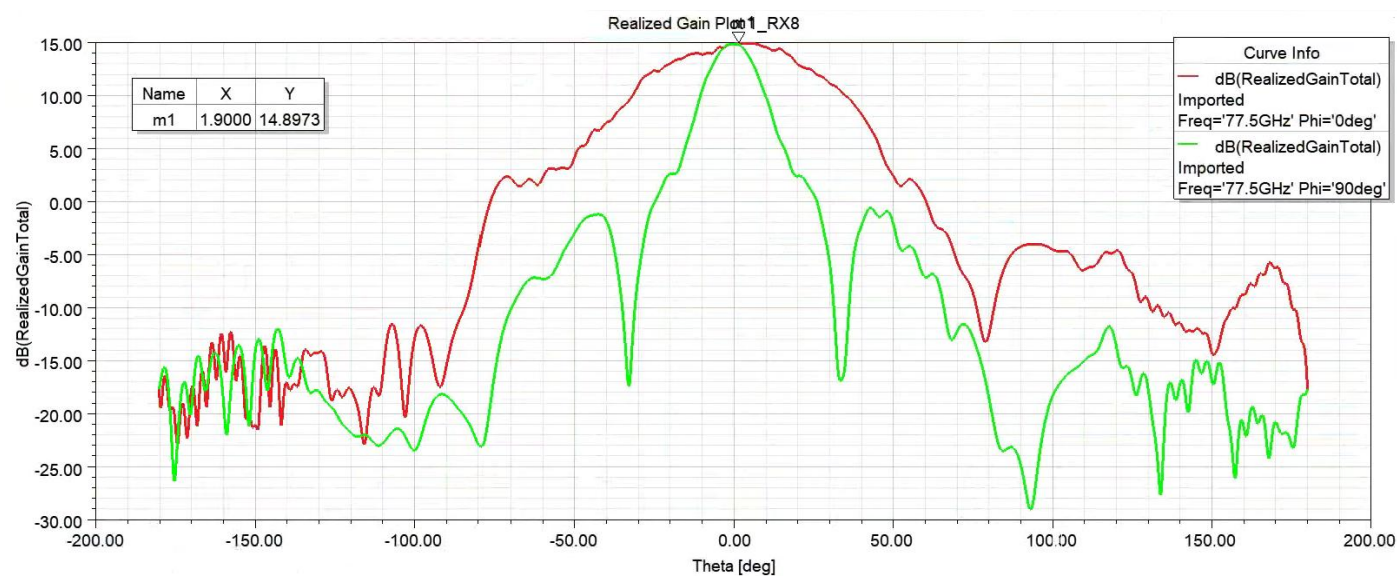


Figure 8 RX8

3.2) TX Antenna pattern

The direction patterns of the four TX antennas are as follows



Figure 9 TX1

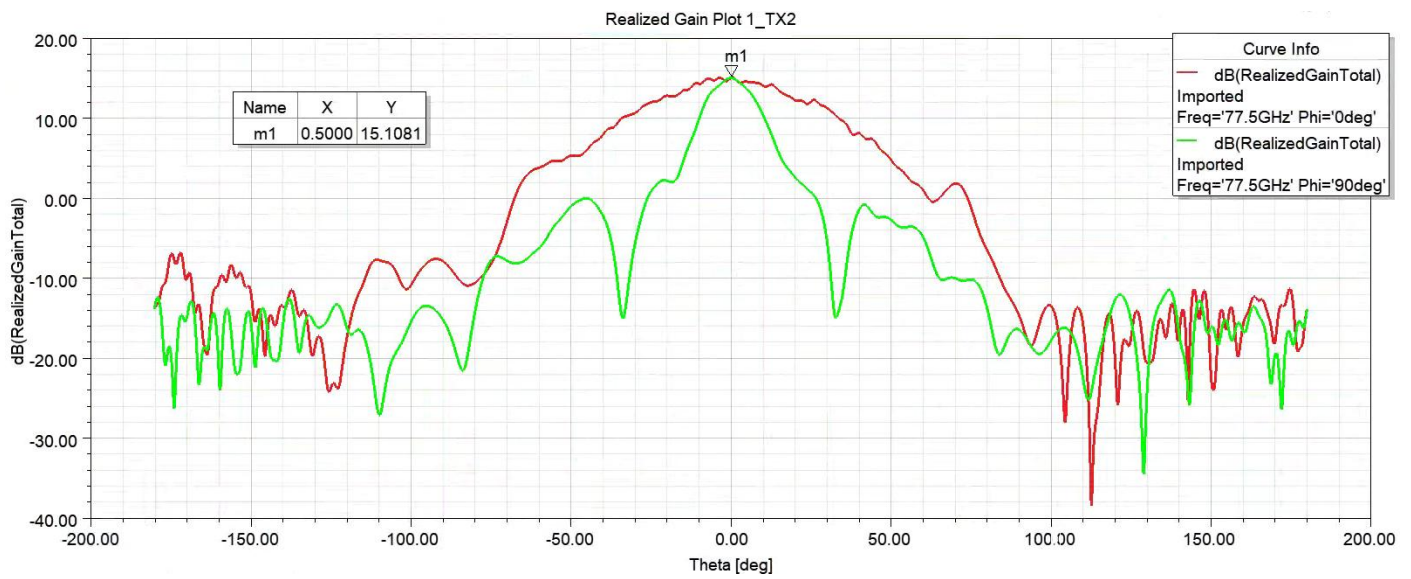


Figure 10 TX2

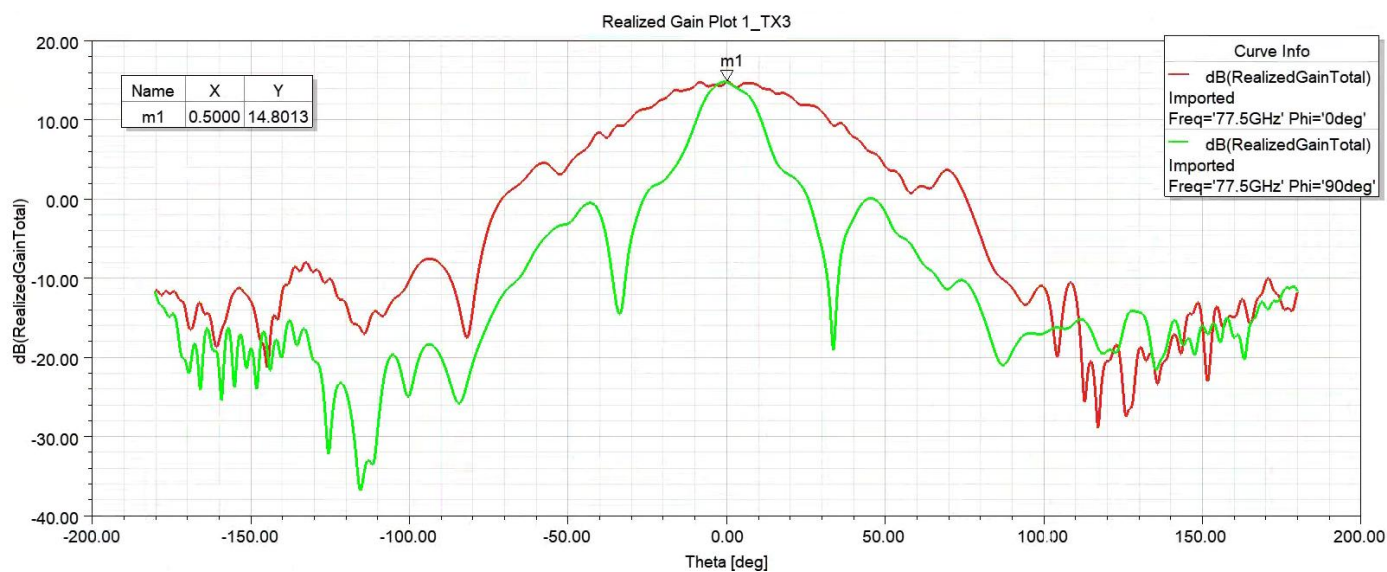


Figure 11 TX3



Figure 12 TX4



Figure 13 TX5



Figure 14 TX6

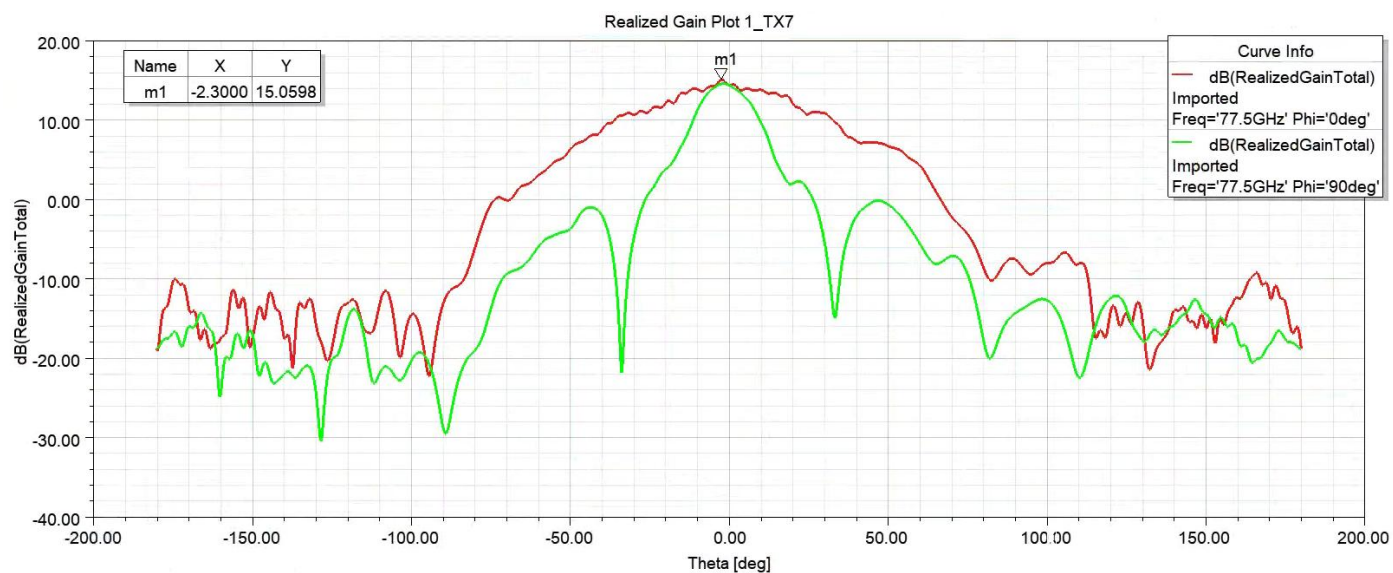


Figure 15 TX7



Figure 16 TX8