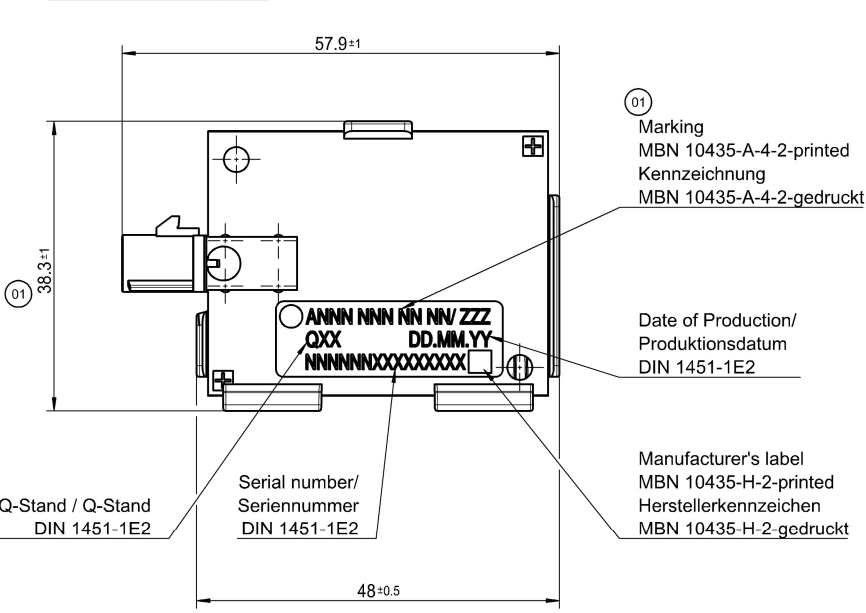
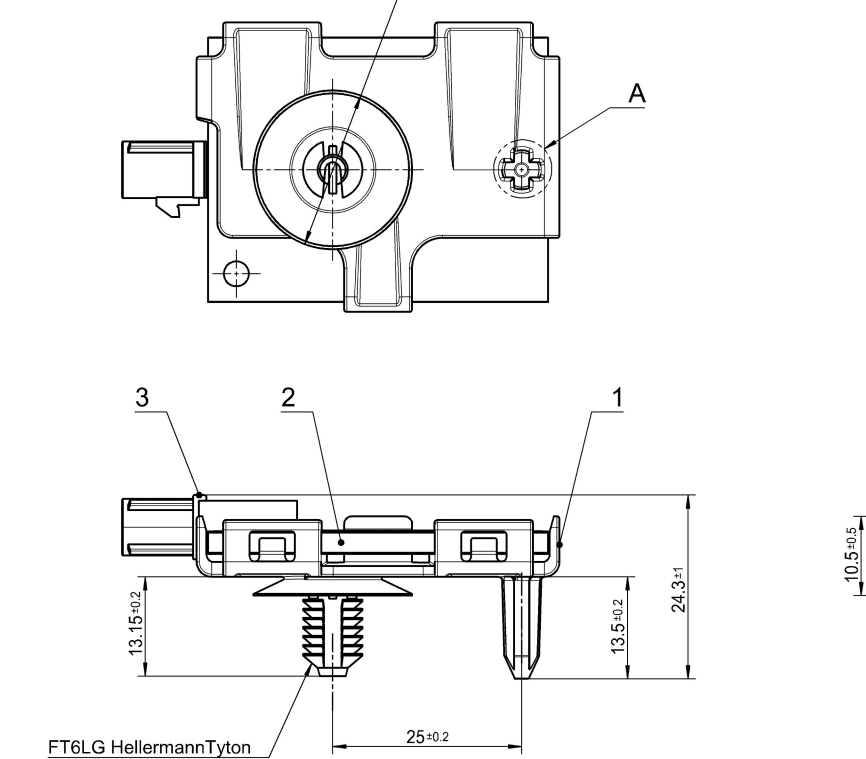


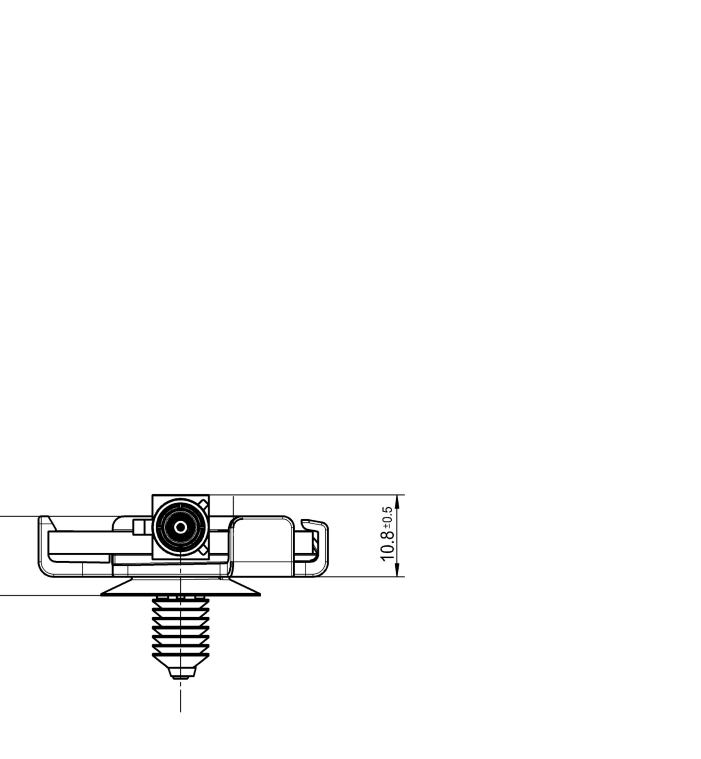
1	2	3
Pos.	Title/ Benennung	Description/ Beschreibung
1	Clip frame / Cliprahmen	PA 6.6
2	PCB / Leiterplatte	FR4
3	FAKRA Connector / FAKRA Stecker	ISO 20860 Kod.K

4	5	6	7	8

Änderungs- iteration	Anzahl nummer	Änderungsbeschreibung / description of alteration	Datum date	Bearb./Freig. edited / released
00		Drawing creation/ Zeichnung neu erstellt	31.03.17	AG/DS
01		Views updated; /E3/ Dim. 38.3±1 w. 38.3±0.5; /D5-F6/ Marking description corrected Ansichten aktualisiert; /E3/ Mass 38.3±1 w. 38.3±0.5; /D5-F6/ Beschriftungsspezifikation berichtigt	20.10.17	AG/DS



1	2	3	4	5
Function/ parameter	Value/ Wert			
Function/ Parameter				



Stammdaten/ masterdata		D-Pflicht/required		MBN 10317		VeDoc-Relevanz/relevance		MBN 10385		ESD-Kennzeichen/code	
Smaragd		Art/ type		Anzahl Merkmale/ number of features		Anzahl/number of VPD-Ident-Nr./no.		0		A0598030	
DS		0		0		0		0		Farbe/color	
DZ		0		0							
Lf./Aend./Suppl. rev.		Lieferant/supplier				Datum/date		Name/name			
01		Hirschmann				2017-11-14		Schauffele			
ZGS		Auftr.-Nr./order no.		federf./Abt./resp. dep.		Norm./stand.		siehe		Smaragd	
002		YAP4234517		RD/UKR		Freig./rel.		siehe		Smaragd	
Mercedes-Benz Benennung/Title											
ZB ANTENNE WLAN											
ZB ANTENNA WLAN											
Mercedes-Benz Sach-Nr./basic number				Masse/mass (kg)		System/system		Format/size		Blatt/sheet	
A 177 905 29 02				0.020		NX 11.0		A2			
Keine Aenderung ohne Zustimmung der federfuehrenden Konstruktion. / Any alterations are subject to the approval of the design department.											
Prüfvorschriften/ test instructions											
Rohzustand / crude state			Werkstoff / material			Fertigzustand / final state			Rohgewicht / gross weight		
									je x		
Material - Nr. material - No.			Toleranzen / tolerances			Oberfläche surface			Abfall scrap		
						dm²/100			%		
Datum / date			Name / name			Maßstab/scale			CAD System/ Version		
30.03.2017			Gelmann			2:1			NX		
gezeichnet/ drawn			Freigegeben/ released			Typ - Benennung / typ - title			DIN A2 E D M		
30.03.2017			Silva			ZB BT WLAN Antenne			0 von/of 1		
Hirschmann			Zeichnungs - Nr. / Drawing - No.			920-584-841					
Hirschmann Car Communication GmbH			Ursprung origin			Ersatz für replacement for			Doc-ID: 000133560DNR		
Stuttgarter Strasse 45 - 51											
D - 72654 Neckartenzlingen											



A177 905 29 02 920584002 BT/WLAN Fakra Measurement Results

04.12.2019



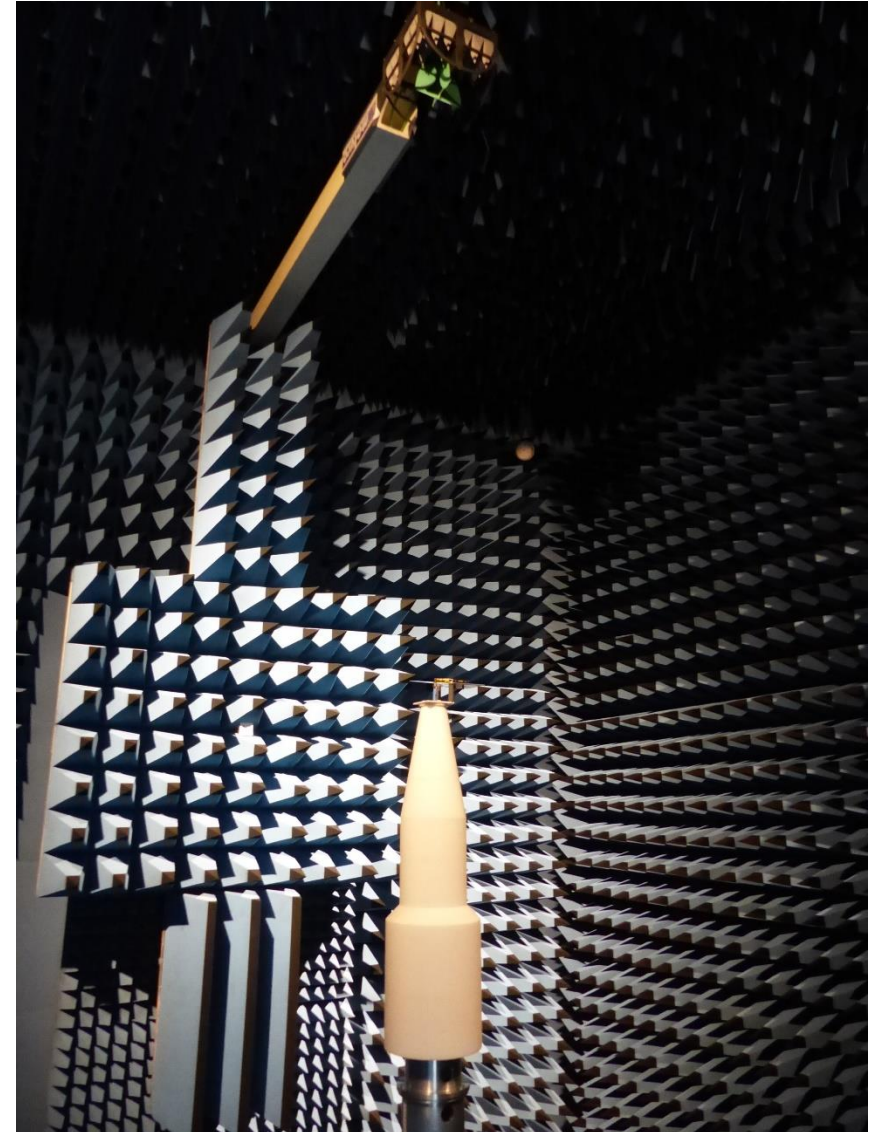
EVERY CONNECTION COUNTS



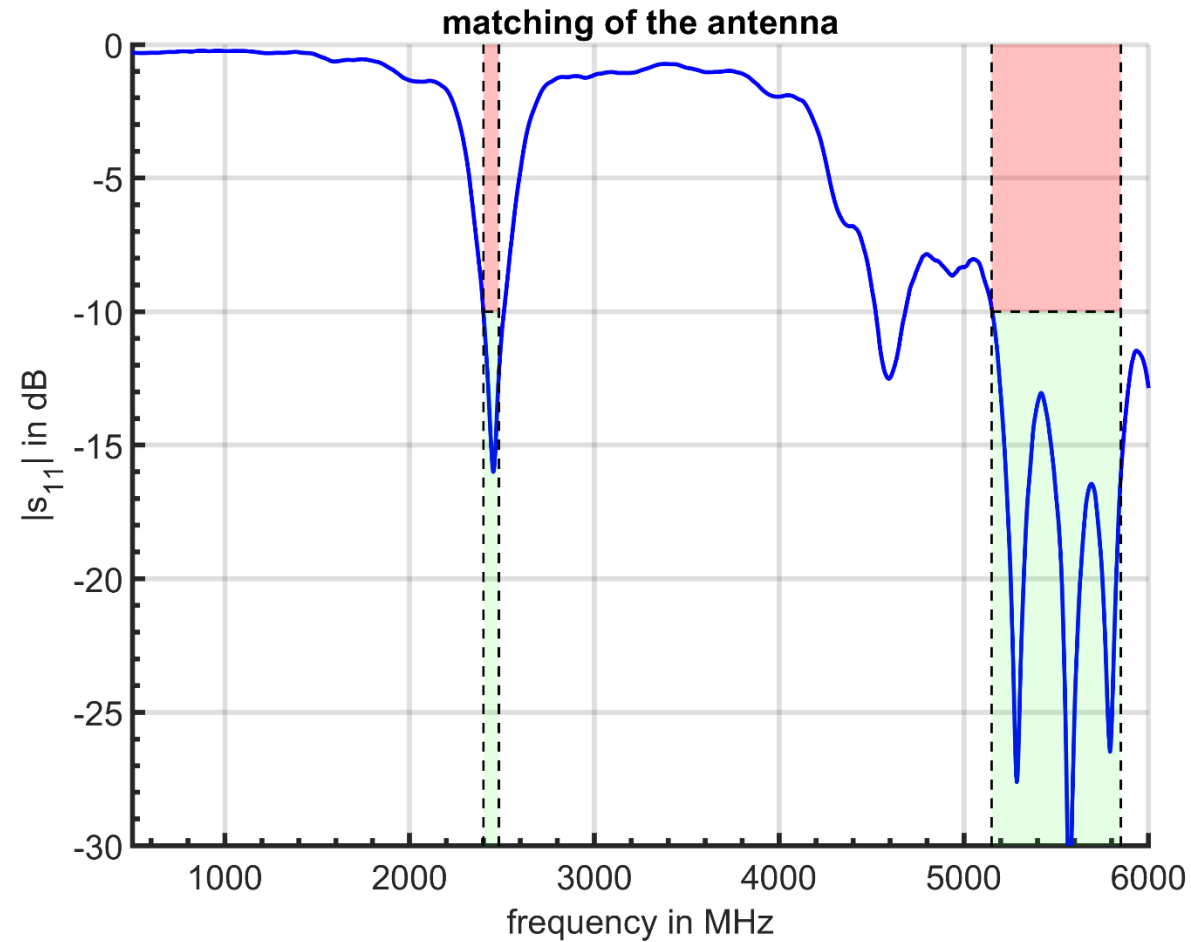
Measurement Setup

DAG Part Number: A177 905 29 02

HCC Part Number: 920584002



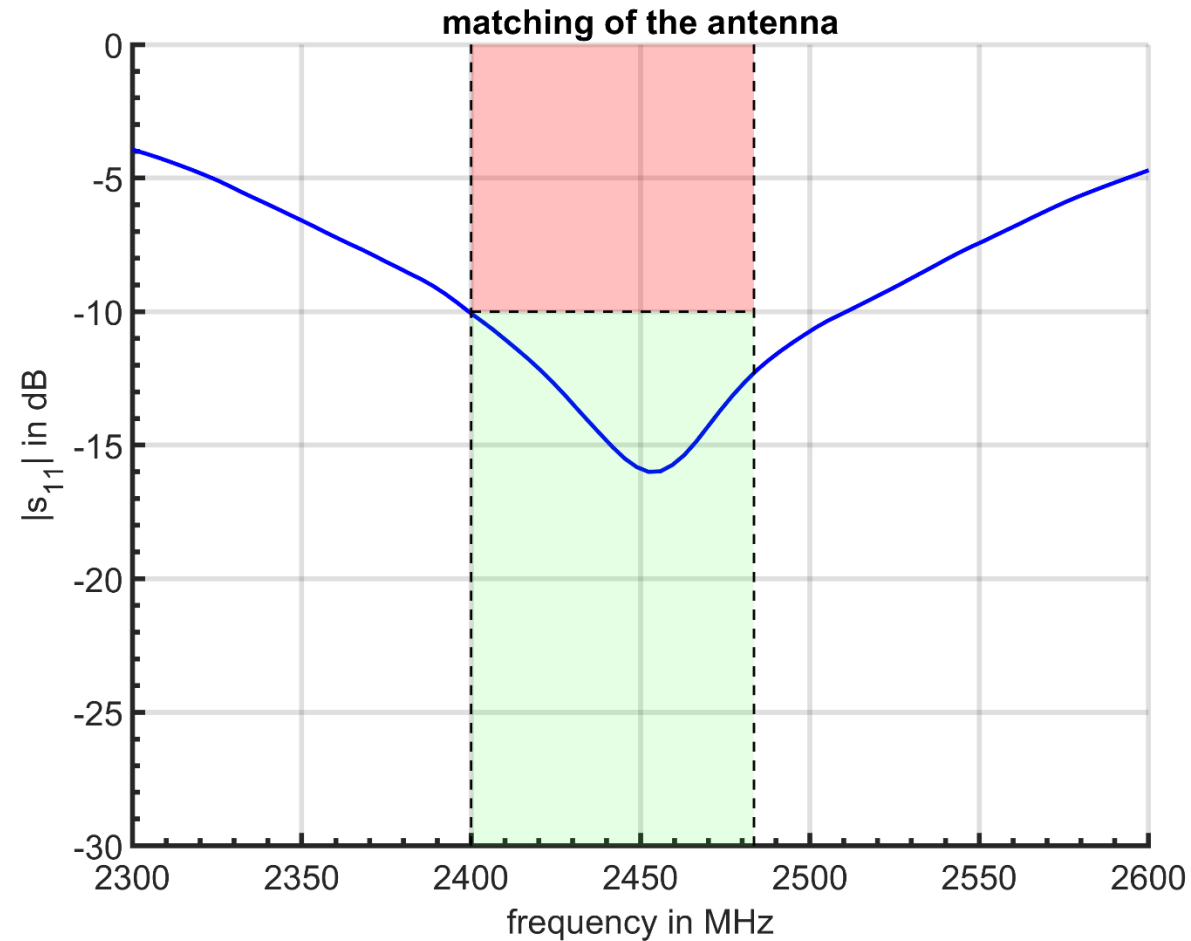
S11 - Parameter



DAG Part Number: A177 905 29 02

HCC Part Number: 920584002

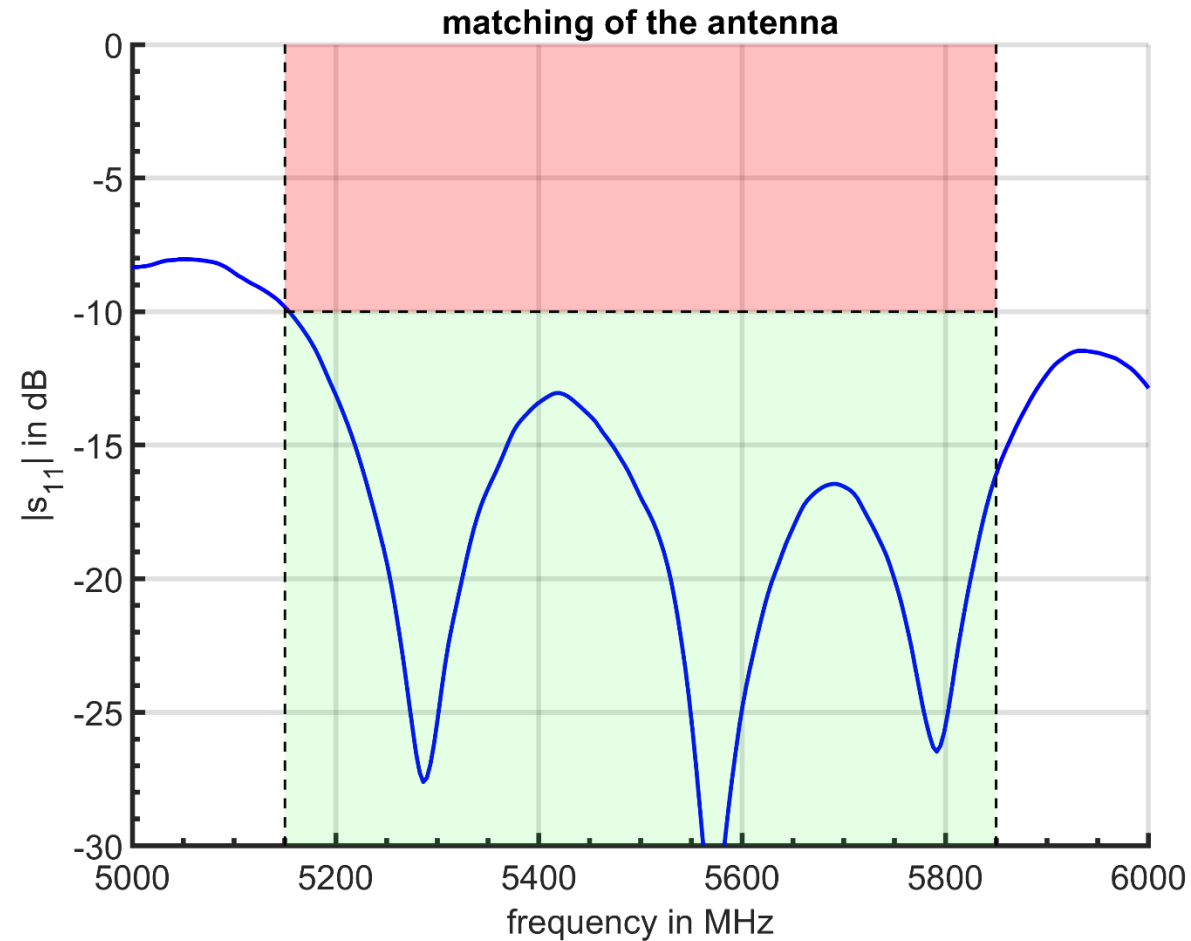
S11 - Parameter



DAG Part Number: A177 905 29 02

HCC Part Number: 920584002

S11 - Parameter

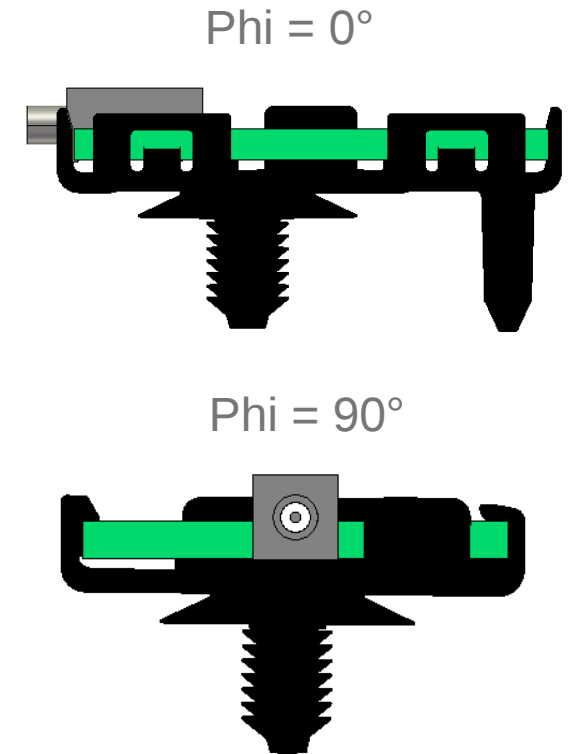
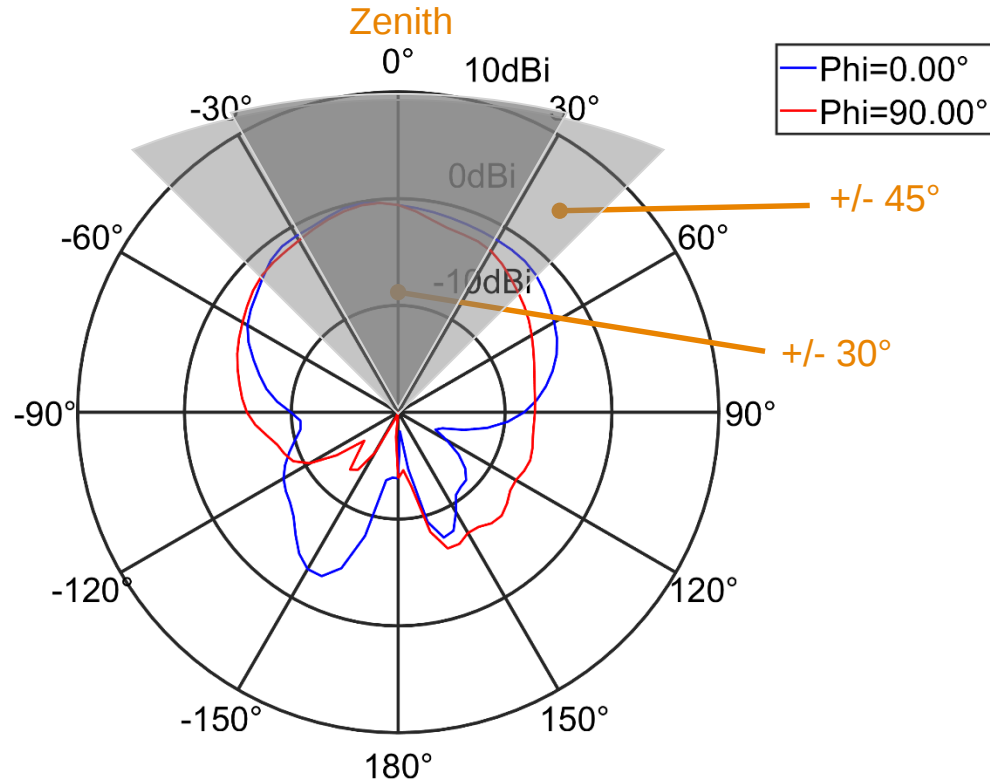


DAG Part Number: A177 905 29 02

HCC Part Number: 920584002

Polar Plots | 2400 MHz

radiation pattern of the antenna (elevation cut)
realized gain (E_Total, Freq = 2400.00 MHz)

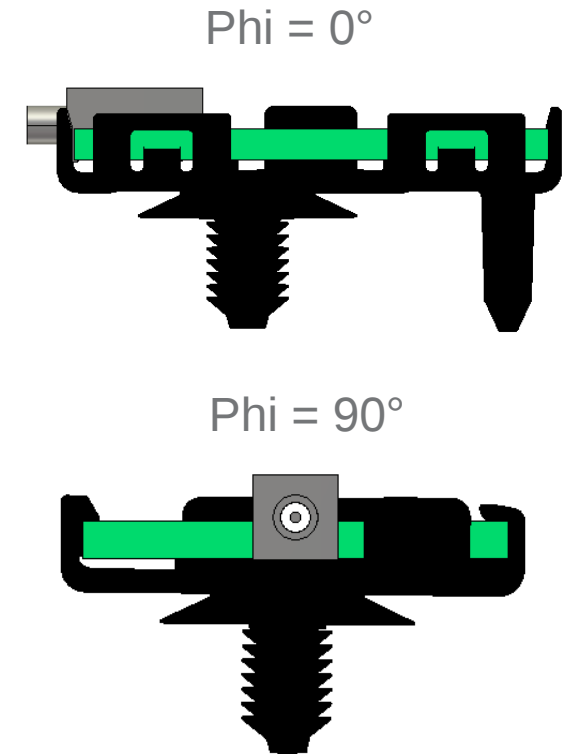
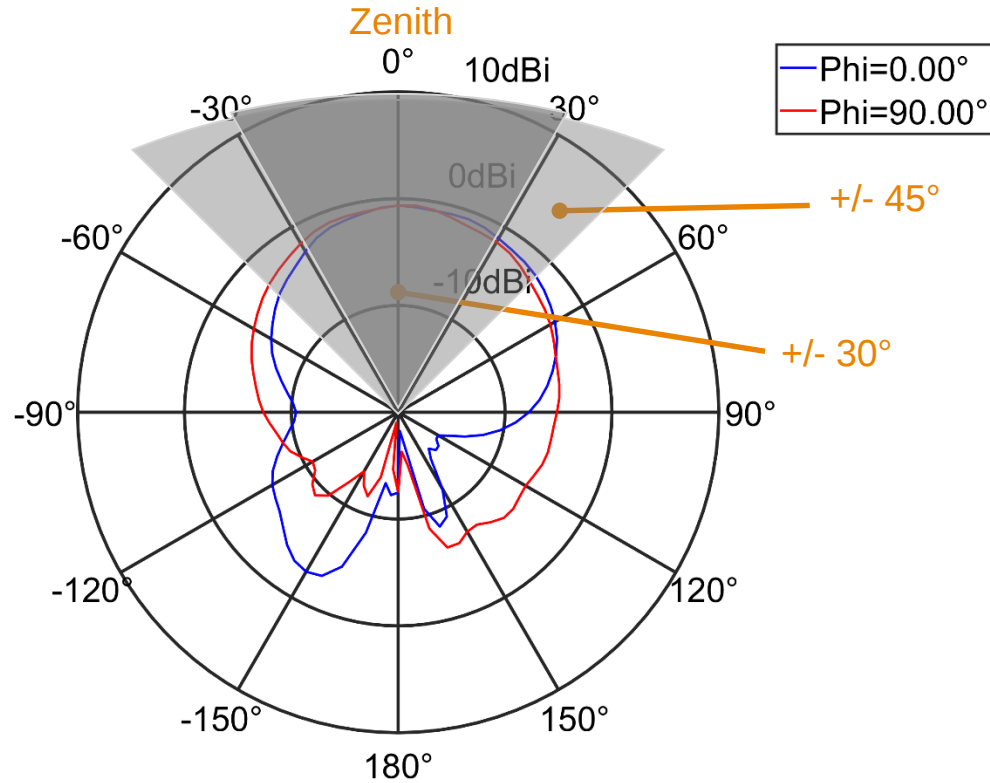


DAG Part Number: A177 905 29 02

HCC Part Number: 920584002

Polar Plots | 2440 MHz

radiation pattern of the antenna (elevation cut)
realized gain (E_Total, Freq = 2440.00 MHz)

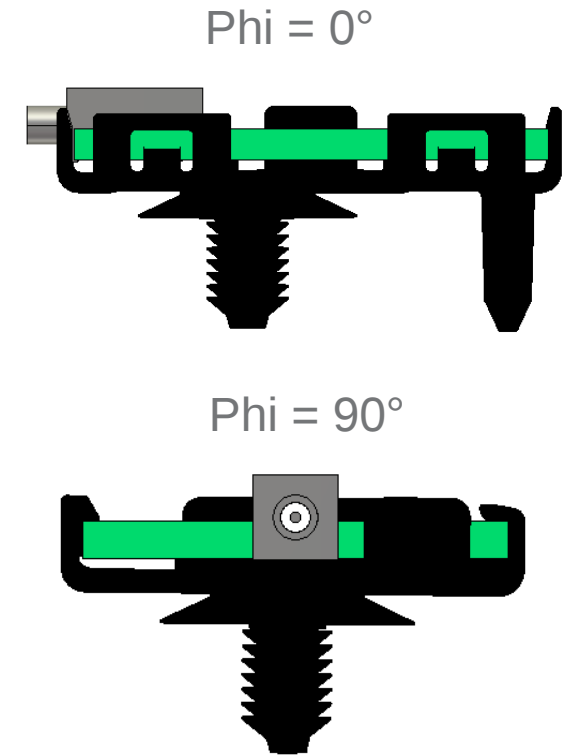
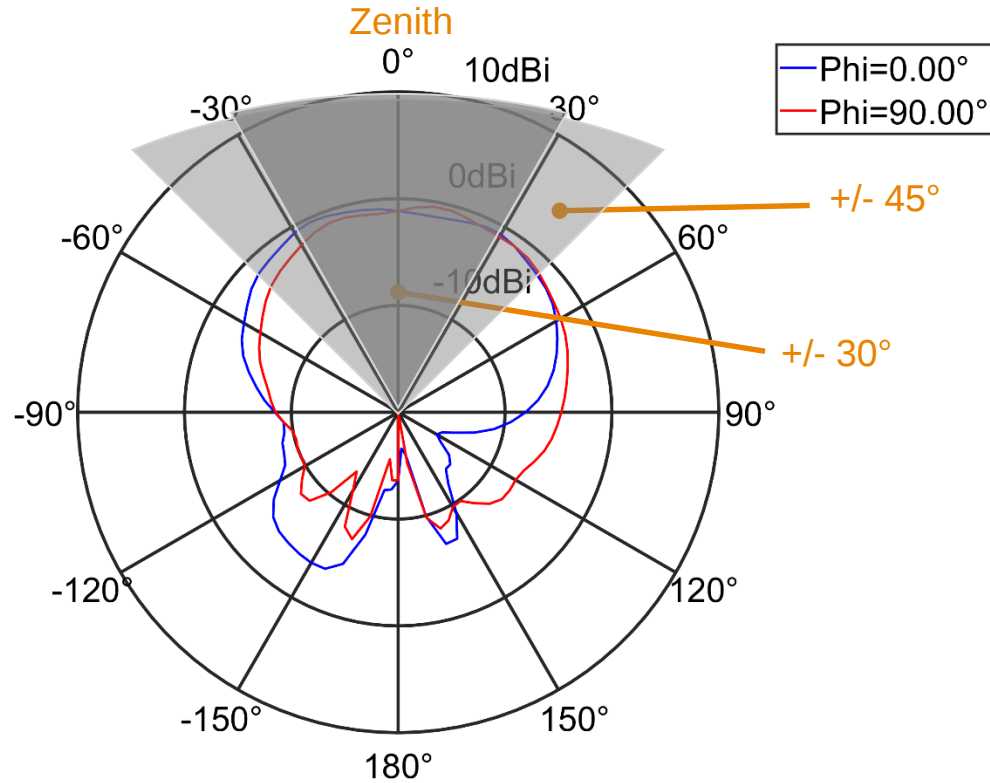


DAG Part Number: A177 905 29 02

HCC Part Number: 920584002

Polar Plots | 2480 MHz

radiation pattern of the antenna (elevation cut)
realized gain (E_Total, Freq = 2480.00 MHz)

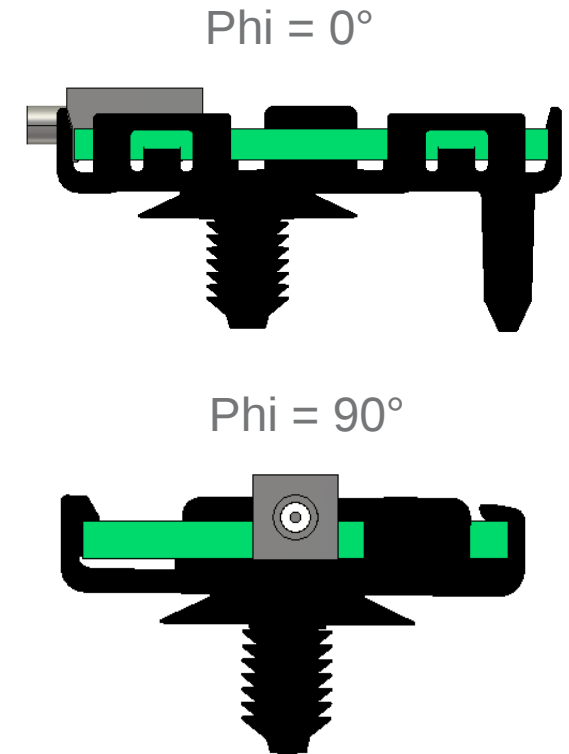
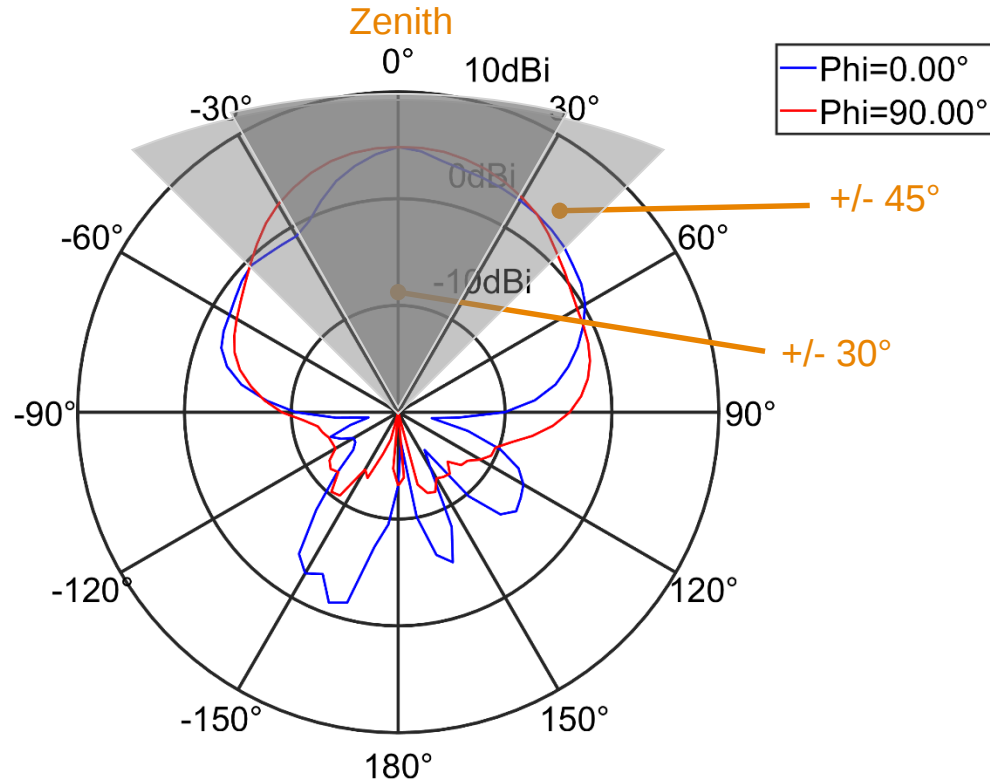


DAG Part Number: A177 905 29 02

HCC Part Number: 920584002

Polar Plots | 5150 MHz

radiation pattern of the antenna (elevation cut)
realized gain (E_Total, Freq = 5150.00 MHz)

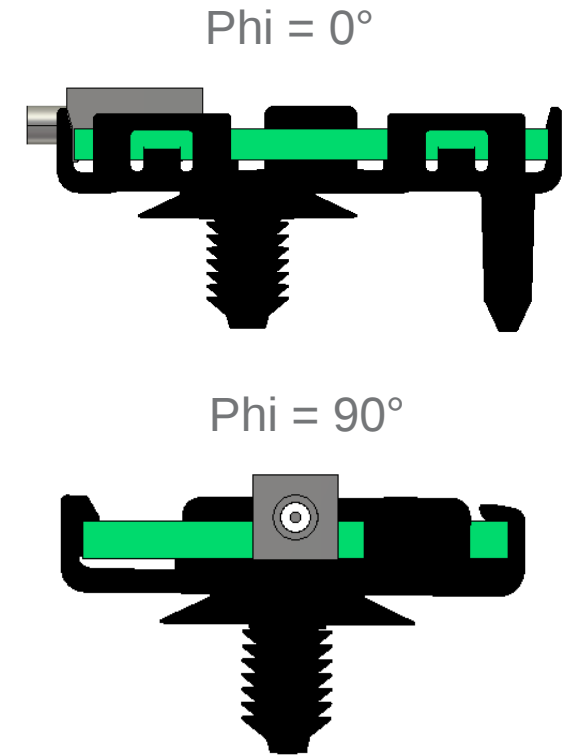
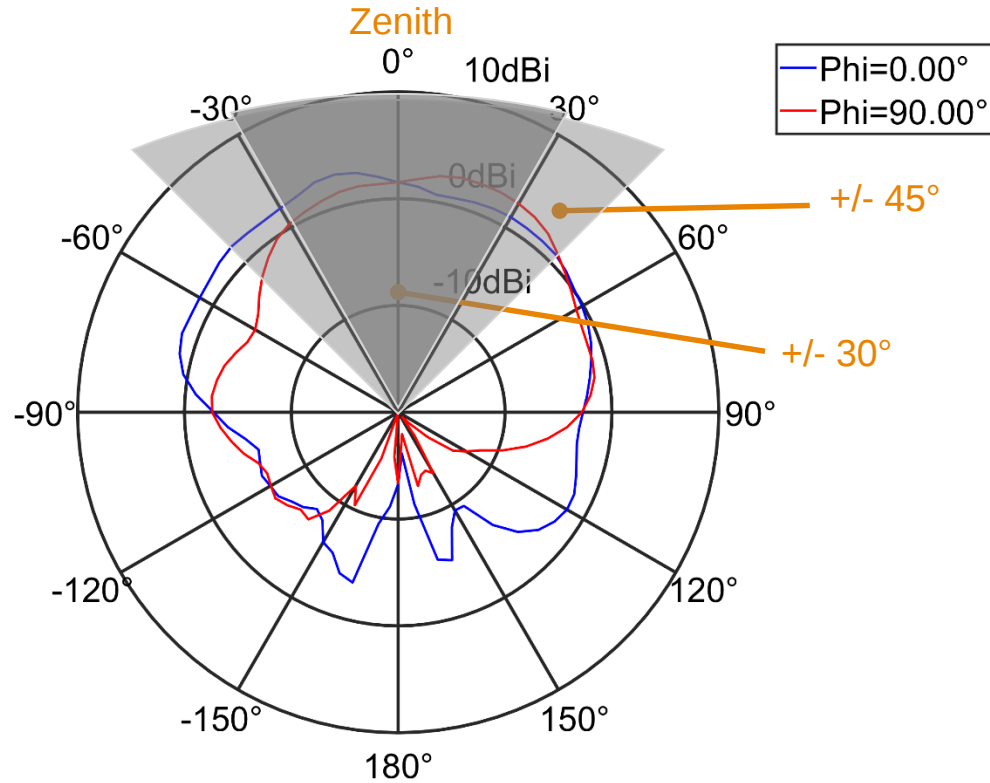


DAG Part Number: A177 905 29 02

HCC Part Number: 920584002

Polar Plots | 5500 MHz

radiation pattern of the antenna (elevation cut)
realized gain (E_Total, Freq = 5500.00 MHz)

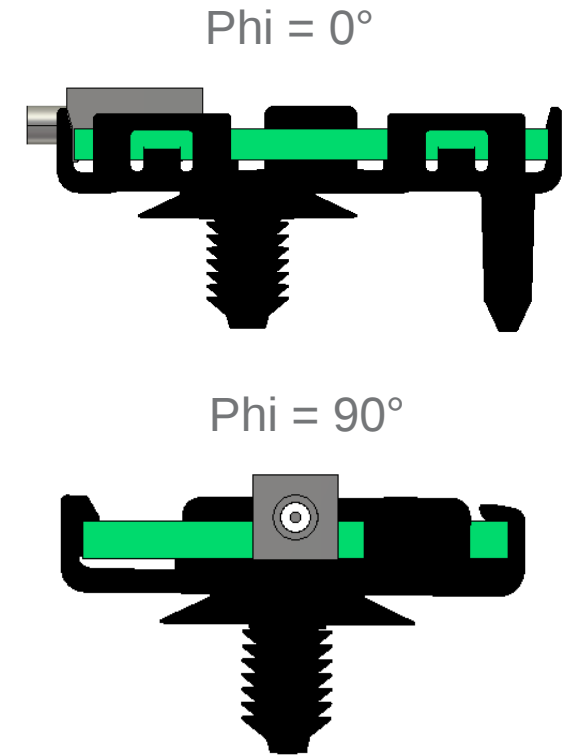
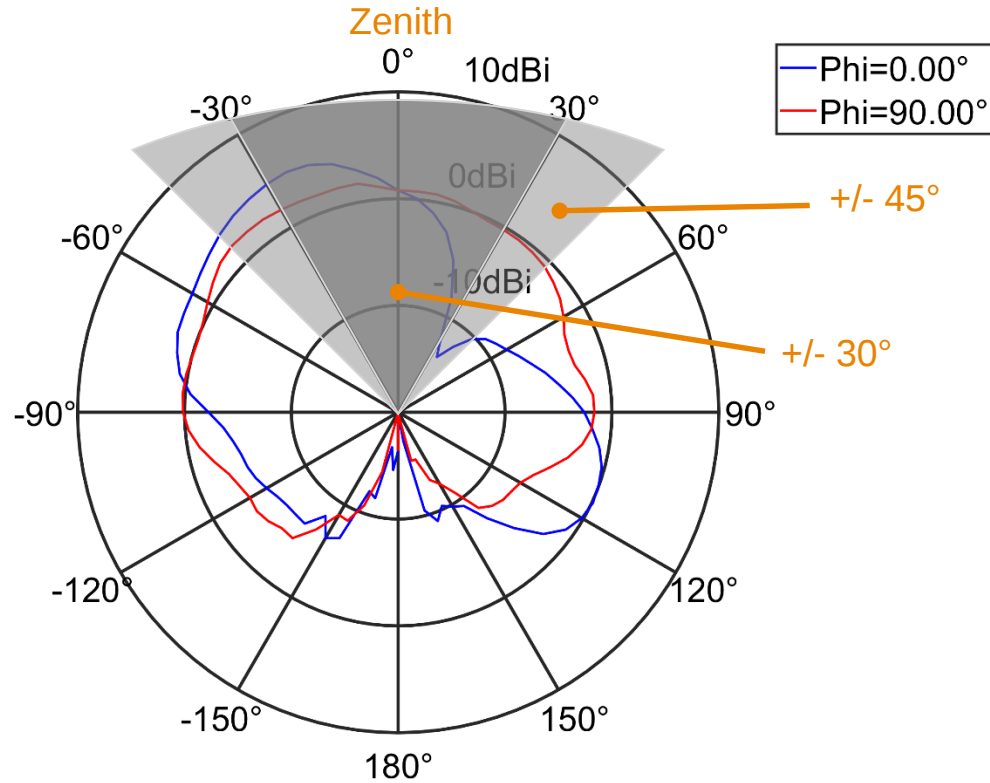


DAG Part Number: A177 905 29 02

HCC Part Number: 920584002

Polar Plots | 5850 MHz

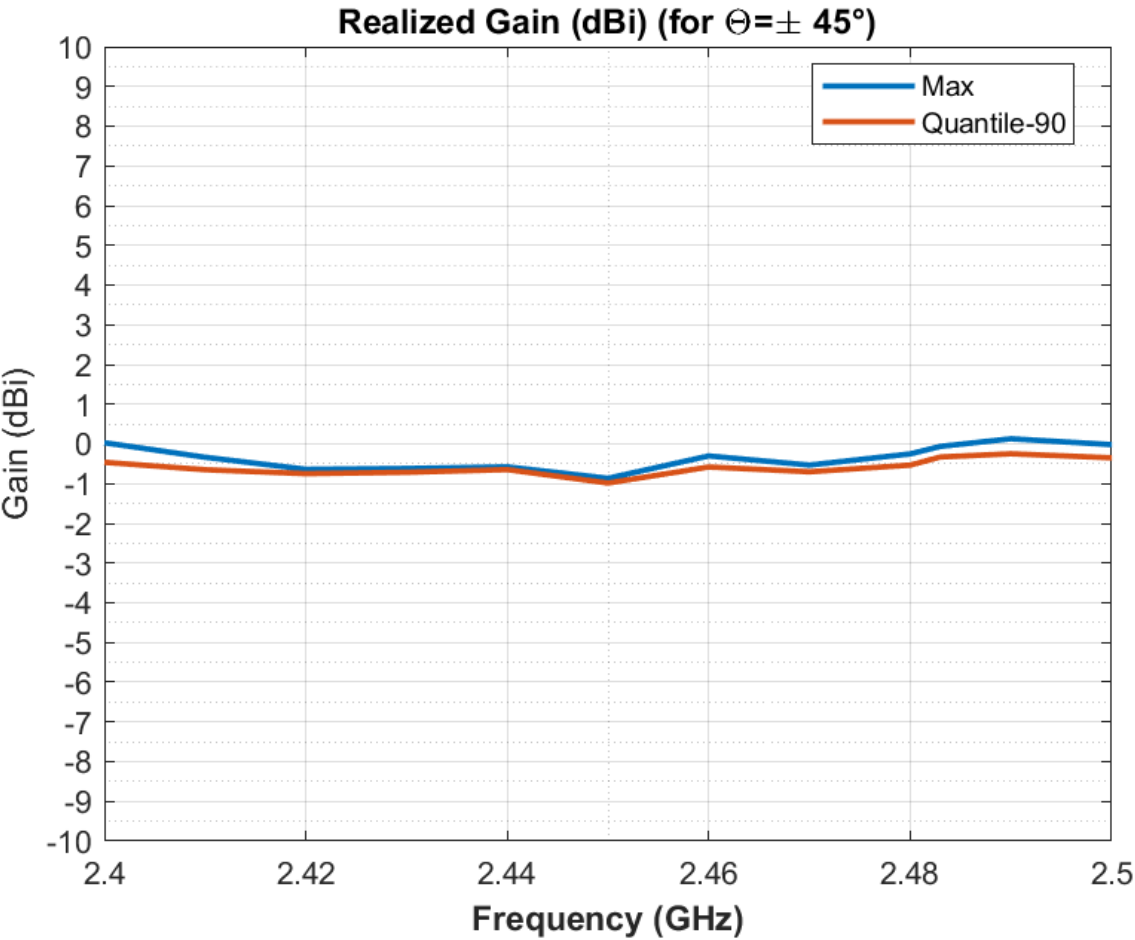
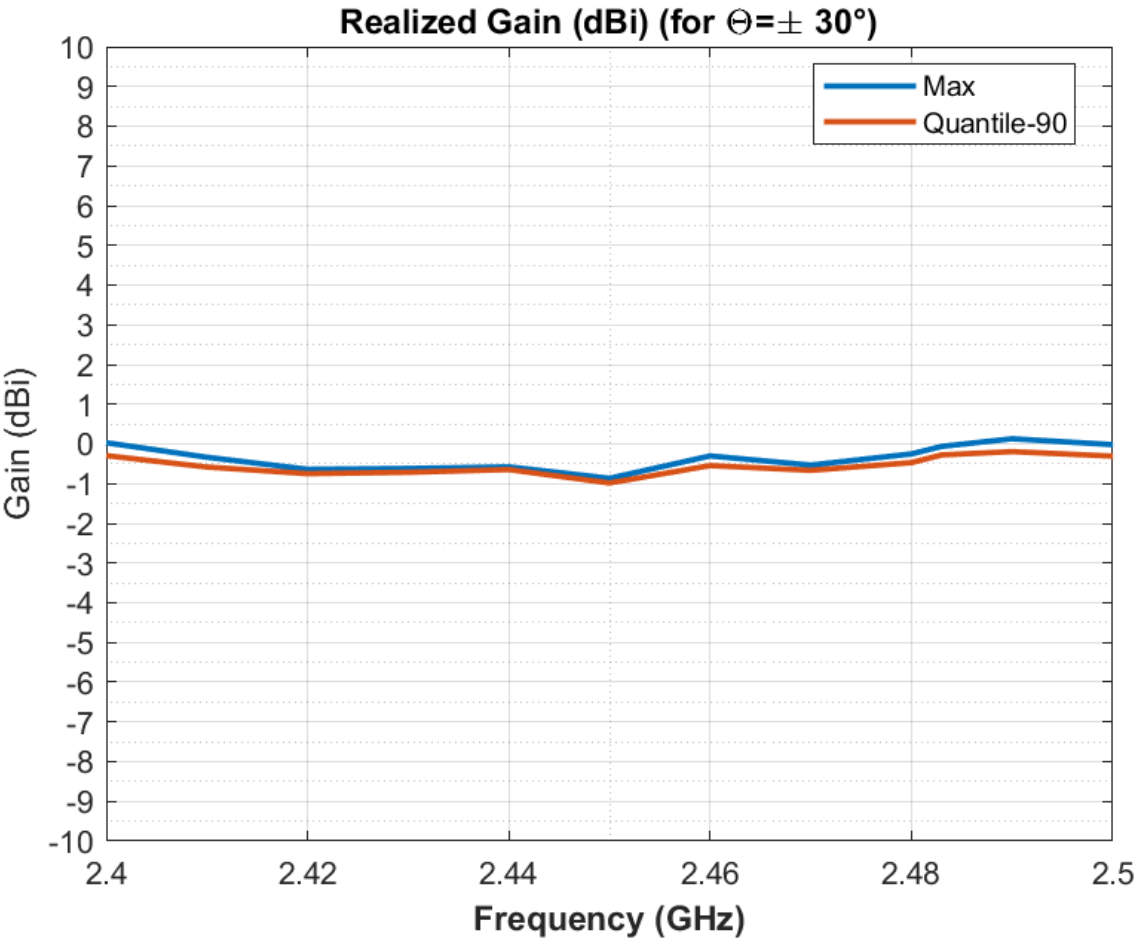
radiation pattern of the antenna (elevation cut)
realized gain (E_Total, Freq = 5850.00 MHz)



DAG Part Number: A177 905 29 02

HCC Part Number: 920584002

Gain over Frequency



Gain over Frequency

