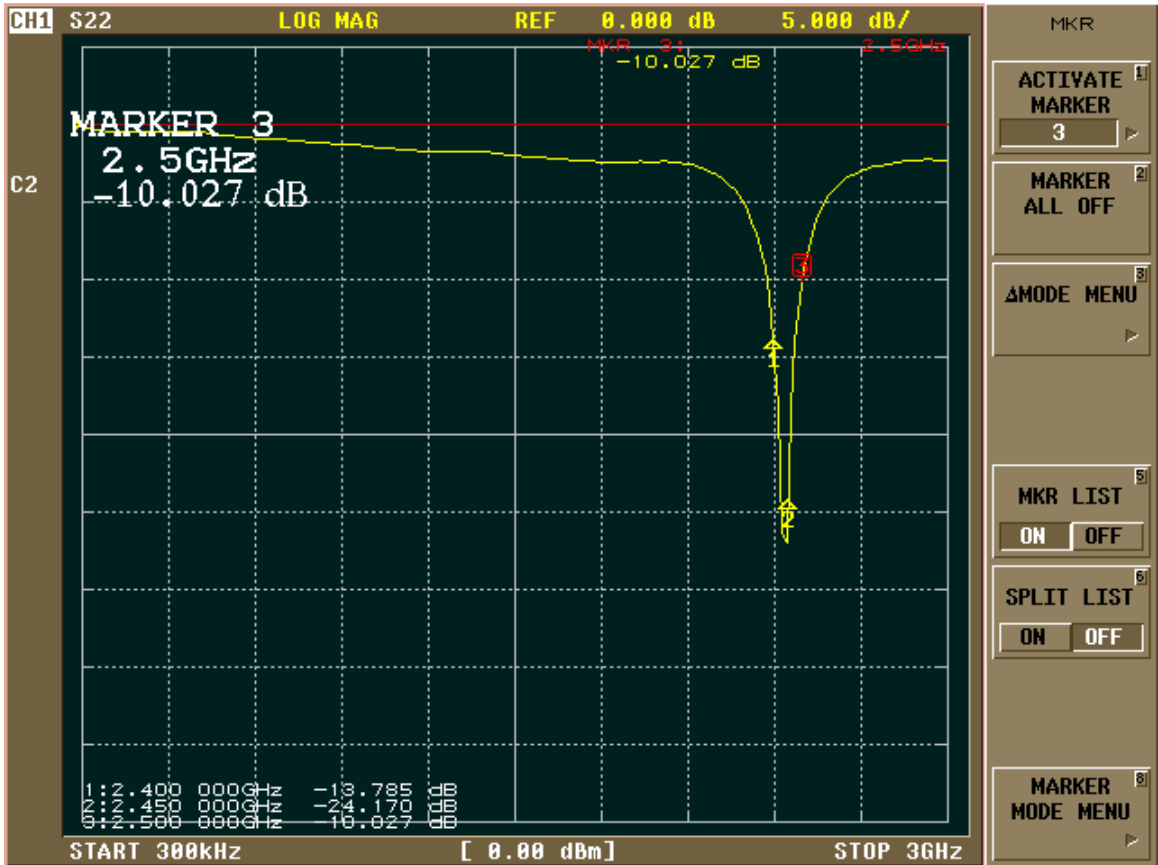
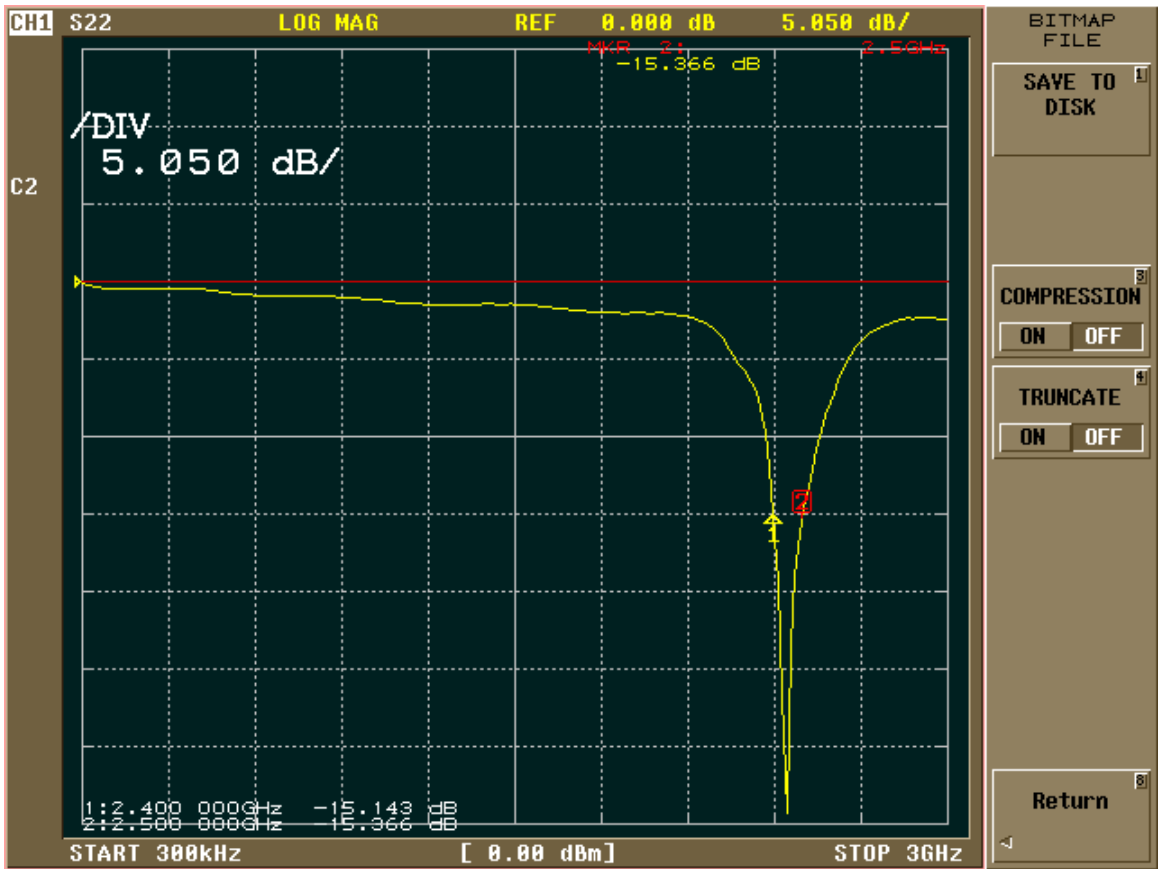


N300-WIFI&Bluetooth-pattern_gain test data-0908

WIFI Return Loss



Bluetooth Return Loss



Antenna Peak Gain & Average Gain Test Result

XY plane

Antenna	Peak Gain(dBi)						Average Gain(dBi)					
	WLAN			Bluetooth			WLAN			Bluetooth		
	2400MHz	2450MHz	2500MHz	2400MHz	2450MHz	2500MHz	2400MHz	2450MHz	2500MHz	2400MHz	2450MHz	2500MHz
gain	-1.68	-2.43	-2.86	-2.04	-2.71	-2.59	-4.39	-4.84	-5.41	-5.21	-5.54	-5.83

XZ plane

Antenna	Peak Gain(dBi)						Average Gain(dBi)					
	WLAN			Bluetooth			WLAN			Bluetooth		
	2400MHz	2450MHz	2500MHz	2400MHz	2450MHz	2500MHz	2400MHz	2450MHz	2500MHz	2400MHz	2450MHz	2500MHz
gain	-0.71	-1.16	-1.91	-0.16	-0.60	-0.99	-4.70	-5.17	-5.81	-4.10	-4.79	-5.27

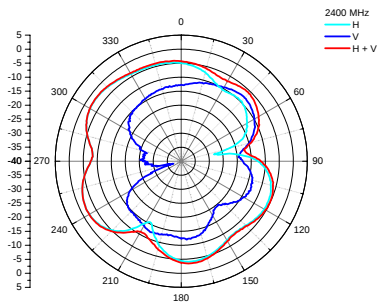
YZ plane

Antenna	Peak Gain(dBi)						Average Gain(dBi)					
	WLAN			Bluetooth			WLAN			Bluetooth		
	2400MHz	2450MHz	2500MHz	2400MHz	2450MHz	2500MHz	2400MHz	2450MHz	2500MHz	2400MHz	2450MHz	2500MHz
gain	-0.85	-1.89	-2.70	-0.42	-1.05	-1.32	-3.21	-3.70	-4.32	-3.58	-3.66	-3.81

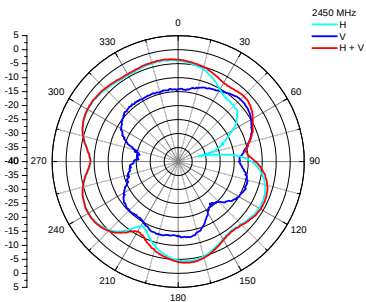
Bluetooth Antenna Pattern

XY plane

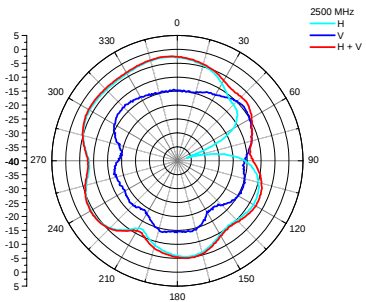
Frequency : 2400 MHz



Frequency : 2450 MHz

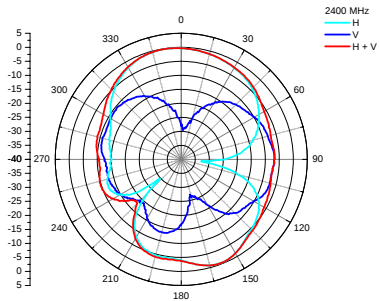


Frequency : 2450 MHz

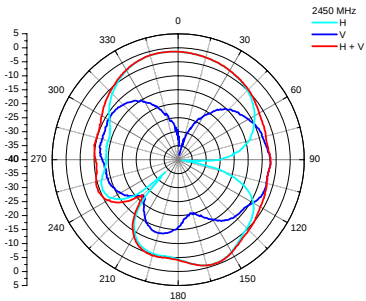


XZ plane

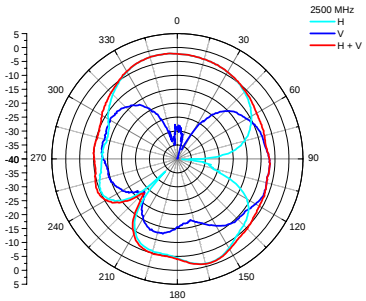
Frequency : 2400 MHz



Frequency : 2450 MHz

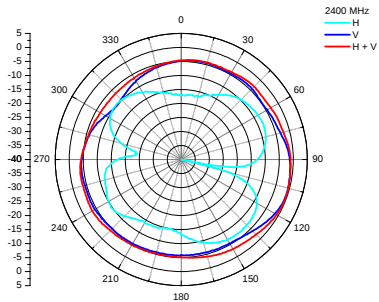


Frequency : 2450 MHz

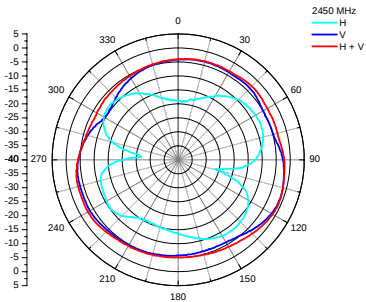


YZ plane

Frequency : 2400 MHz



Frequency : 2450 MHz



Frequency : 2450 MHz

