

Antenna Type : monopole

RFAS87-PT1000G-11761

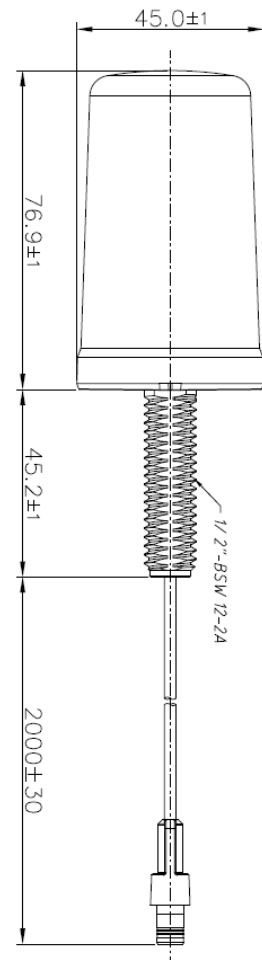
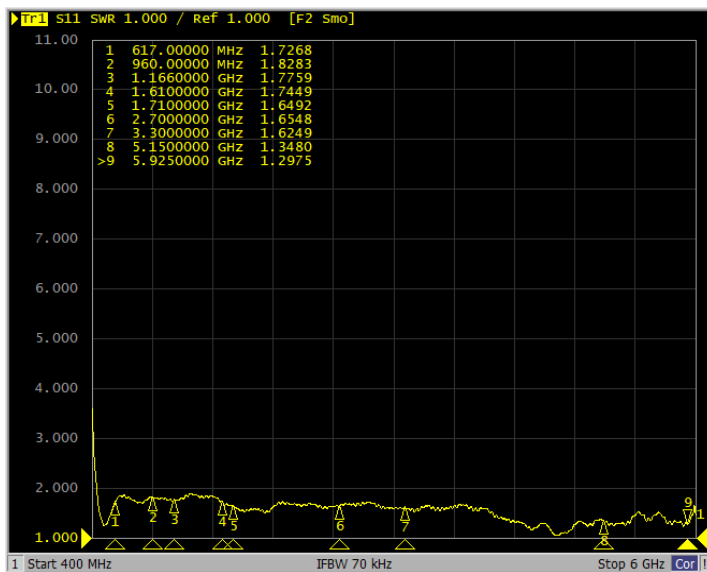
Specifications

Frequency range	617-960 MHz	1452-1474 MHz	1710-2200 MHz	2300-2690 MHz	3300-5000 MHz	5150-5925 MHz
Peak gain	1.71 dBi	3.73 dBi	3.41 dBi	1.72 dBi	2.3 dBi	1.44 dBi
Average gain	-2.84 dBi	-2.68 dBi	-3.44 dBi	-3.88 dBi	-4.95 dBi	-4.35 dBi
VSWR	2.5 : 1 Max.					
Polarization	Linear, vertical					
Impedance	50 Ω					
Cable	RG174					
Cable Length	2M					
Connector	SMB PLUG					

Environment & Mechanical Characteristics

Temperature	- 40°C to +85°C
Humidity	95% @ 25°C

VSWR



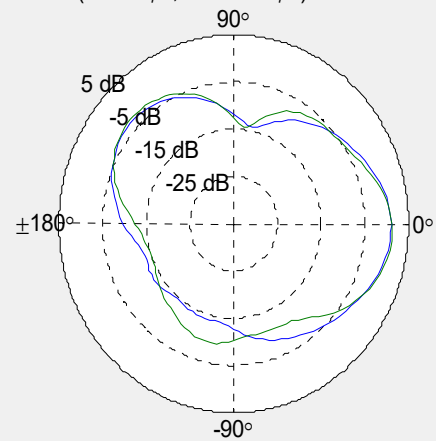
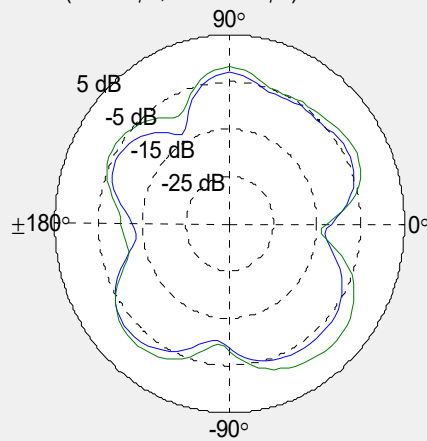
Radiation Pattern

SUB6G-L1- = 600 - 651 MHz

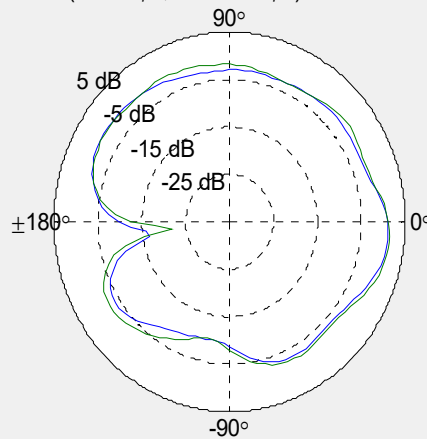
XY Plane (+X = 0φX, +Y = +90φX) / Elevation = 90 φX

ZX Plane (+Z = 0φX, +X = +90φX) / Azimuth = 0 φX

— 617 MHz
— 634.5 MHz



YZ Plane (+Z = 0φX, +Y = +90φX) / Azimuth = 90 φX

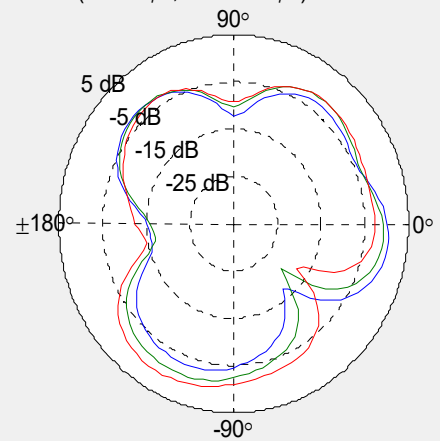
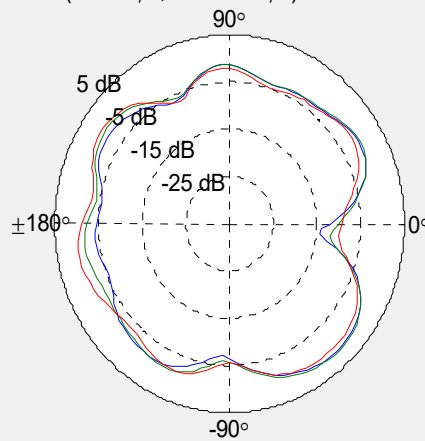
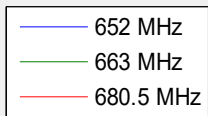


Radiation Pattern

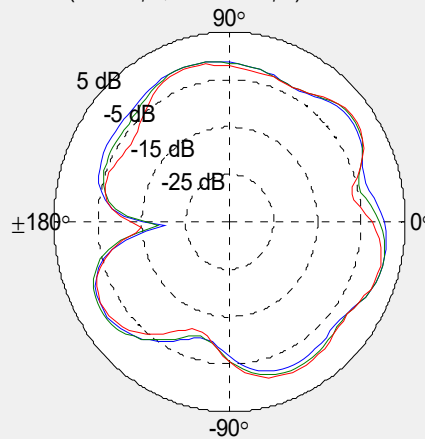
SUB6G-L1-0 = 652 - 697 MHz

XY Plane (+X = 0φX, +Y = +90φX) / Elevation = 90 φX

ZX Plane (+Z = 0φX, +X = +90φX) / Azimuth = 0 φX



YZ Plane (+Z = 0φX, +Y = +90φX) / Azimuth = 90 φX



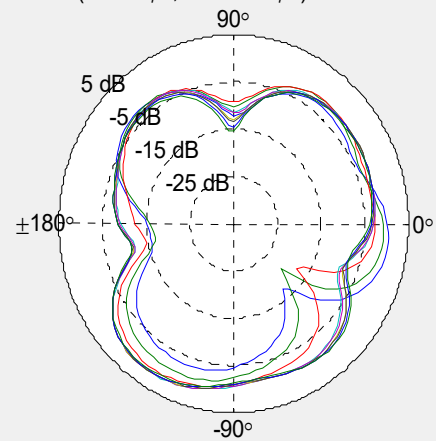
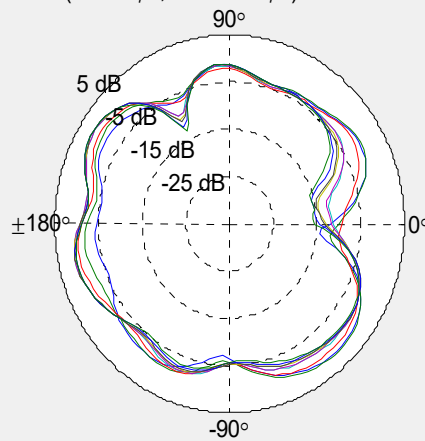
Radiation Pattern

SUB6G-L1-1 = 652 - 710 MHz

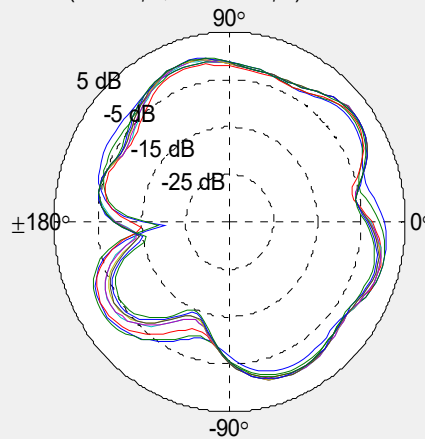
XY Plane (+X = 0°φX, +Y = +90°φX) / Elevation = 90°φX

ZX Plane (+Z = 0°φX, +X = +90°φX) / Azimuth = 0°φX

- 652 MHz
- 663 MHz
- 680.5 MHz
- 698 MHz
- 699 MHz
- 703 MHz
- 704 MHz
- 707 MHz
- 710 MHz



YZ Plane (+Z = 0°φX, +Y = +90°φX) / Azimuth = 90°φX

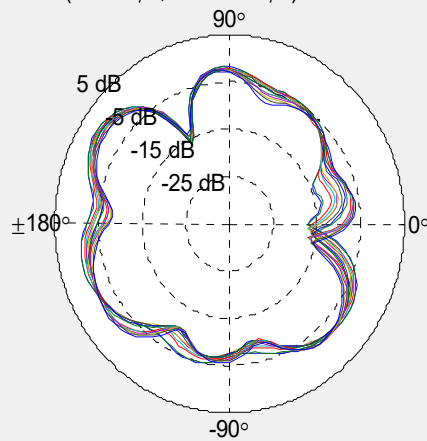


Radiation Pattern

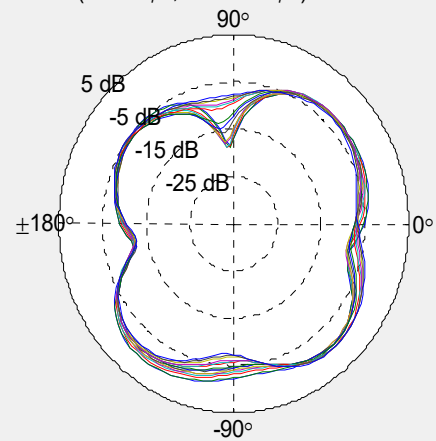
SUB6G-L1-2 = 716 - 763 MHz

- 716 MHz
- 717 MHz
- 722.5 MHz
- 725.5 MHz
- 728 MHz
- 729 MHz
- 734 MHz
- 737 MHz
- 740 MHz
- 746 MHz
- 748 MHz
- 751 MHz
- 756 MHz
- 758 MHz
- 763 MHz

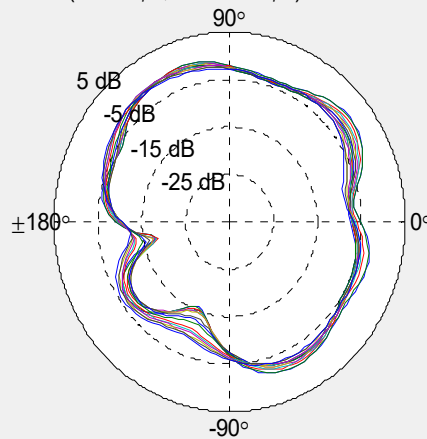
XY Plane (+X = 0φX, +Y = +90φX) / Elevation = 90 φX



ZX Plane (+Z = 0φX, +X = +90φX) / Azimuth = 0 φX



YZ Plane (+Z = 0φX, +Y = +90φX) / Azimuth = 90 φX



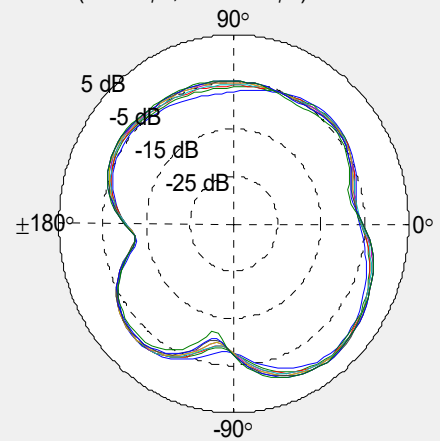
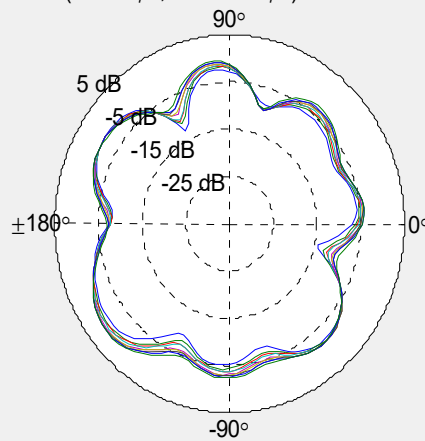
Radiation Pattern

SUB6G-L1-3 = 768 - 798 MHz

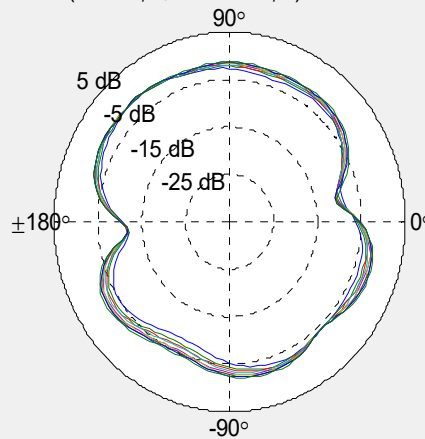
XY Plane (+X = 0φX, +Y = +90φX) / Elevation = 90 φX

ZX Plane (+Z = 0φX, +X = +90φX) / Azimuth = 0 φX

- 768 MHz
- 777 MHz
- 780.5 MHz
- 782 MHz
- 787 MHz
- 788 MHz
- 791 MHz
- 793 MHz
- 798 MHz



YZ Plane (+Z = 0φX, +Y = +90φX) / Azimuth = 90 φX

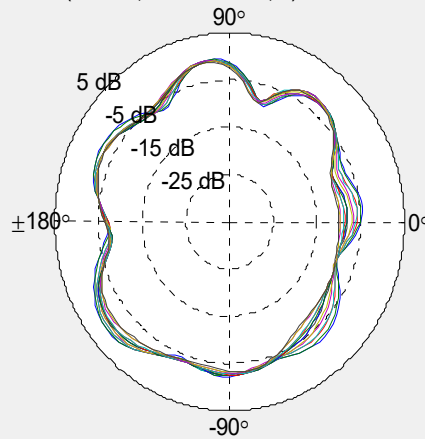


Radiation Pattern

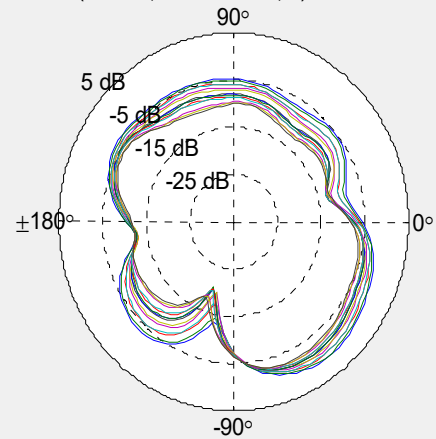
SUB6G-L2-1 = 803 - 849 MHz

- 803 MHz
- 806 MHz
- 814 MHz
- 815 MHz
- 821 MHz
- 824 MHz
- 830 MHz
- 831 MHz
- 832 MHz
- 836 MHz
- 837.5 MHz
- 845 MHz
- 847 MHz
- 849 MHz

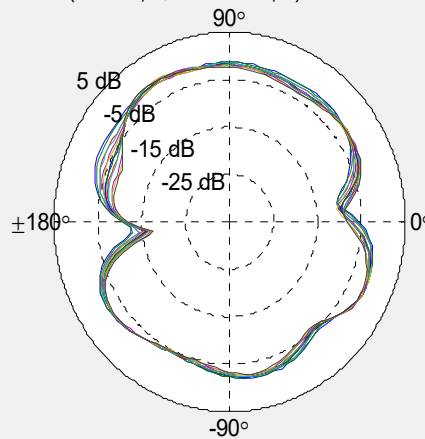
XY Plane (+X = 0φX, +Y = +90φX) / Elevation = 90 φX



ZX Plane (+Z = 0φX, +X = +90φX) / Azimuth = 0 φX



YZ Plane (+Z = 0φX, +Y = +90φX) / Azimuth = 90 φX



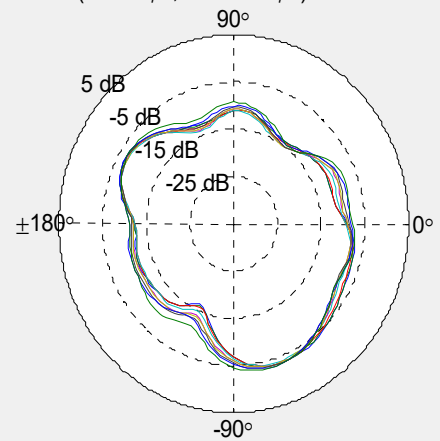
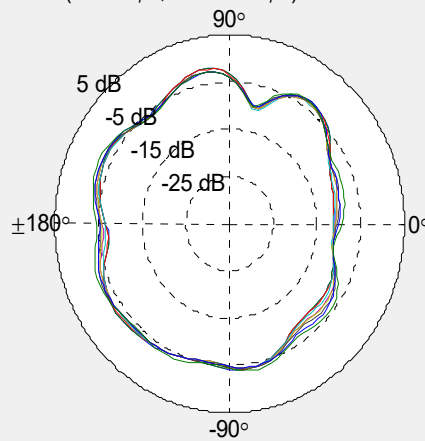
Radiation Pattern

SUB6G-L2-2 = 859 - 890 MHz

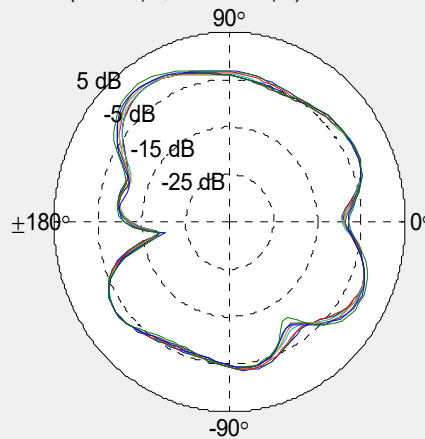
XY Plane (+X = 0φX, +Y = +90φX) / Elevation = 90 φX

ZX Plane (+Z = 0φX, +X = +90φX) / Azimuth = 0 φX

- 859 MHz
- 860 MHz
- 862 MHz
- 869 MHz
- 875 MHz
- 876 MHz
- 880 MHz
- 882.5 MHz
- 890 MHz



YZ Plane (+Z = 0φX, +Y = +90φX) / Azimuth = 90 φX



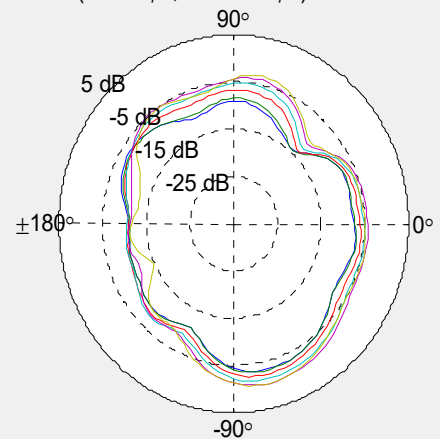
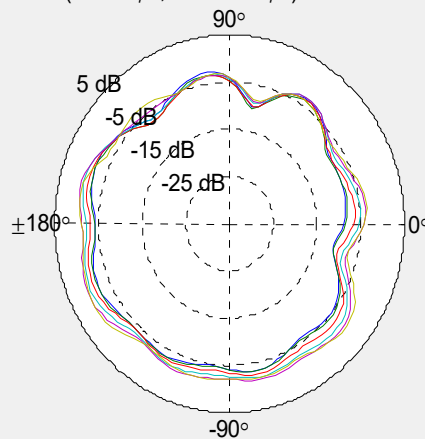
Radiation Pattern

SUB6G-L2-3 = 894 - 960 MHz

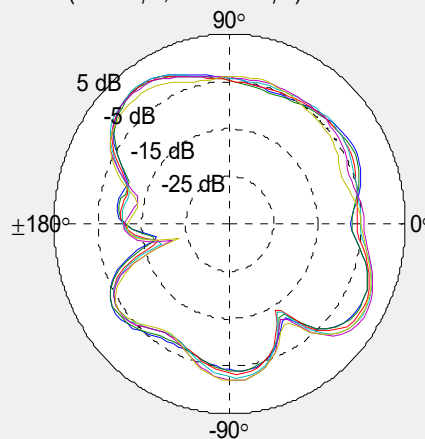
XY Plane (+X = 0φX, +Y = +90φX) / Elevation = 90 φX

ZX Plane (+Z = 0φX, +X = +90φX) / Azimuth = 0 φX

- 894 MHz
- 900 MHz
- 915 MHz
- 925 MHz
- 940 MHz
- 960 MHz



YZ Plane (+Z = 0φX, +Y = +90φX) / Azimuth = 90 φX

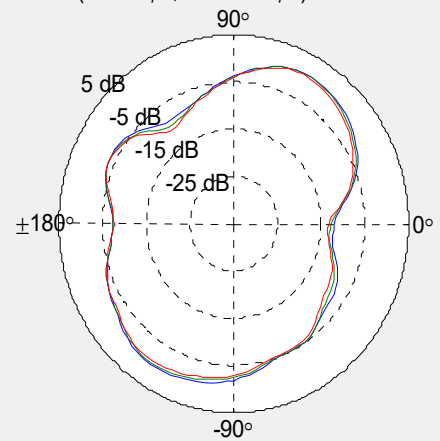
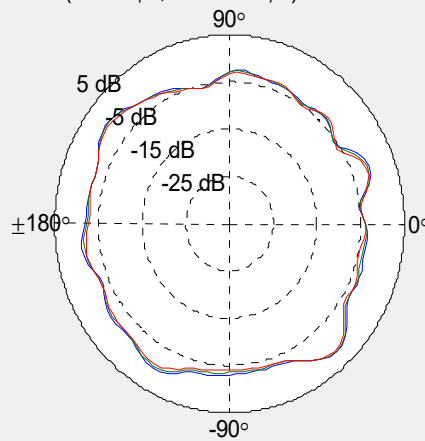
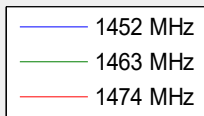


Radiation Pattern

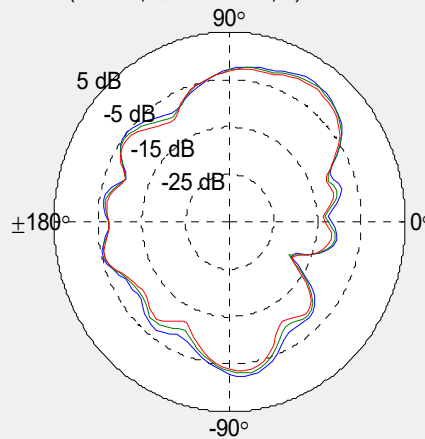
SUB6G-GPS = 1000 - 1680 MHz

XY Plane (+X = 0φX, +Y = +90φX) / Elevation = 90 φX

ZX Plane (+Z = 0φX, +X = +90φX) / Azimuth = 0 φX



YZ Plane (+Z = 0φX, +Y = +90φX) / Azimuth = 90 φX



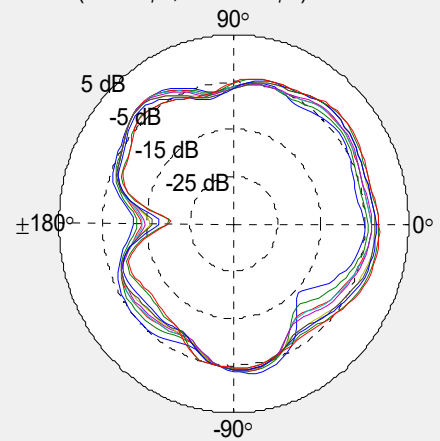
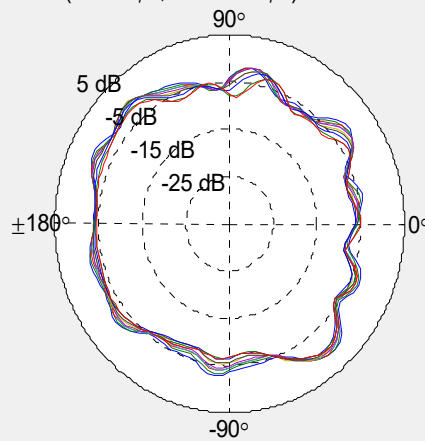
Radiation Pattern

SUB6G-H1-1 = 1710 - 1850 MHz

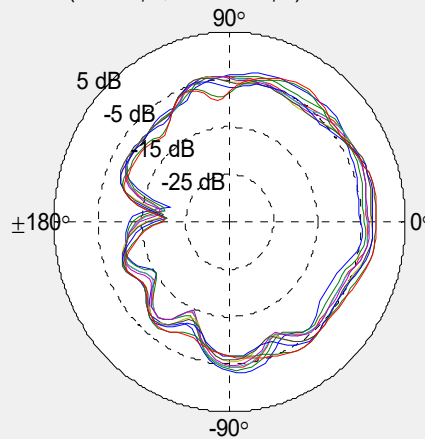
XY Plane (+X = 0φX, +Y = +90φX) / Elevation = 90 φX

ZX Plane (+Z = 0φX, +X = +90φX) / Azimuth = 0 φX

- 1710 MHz
- 1730 MHz
- 1745 MHz
- 1747.5 MHz
- 1755 MHz
- 1780 MHz
- 1785 MHz
- 1805 MHz
- 1842.5 MHz
- 1850 MHz

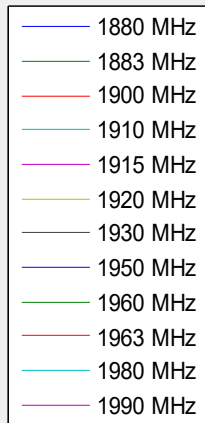


YZ Plane (+Z = 0φX, +Y = +90φX) / Azimuth = 90 φX

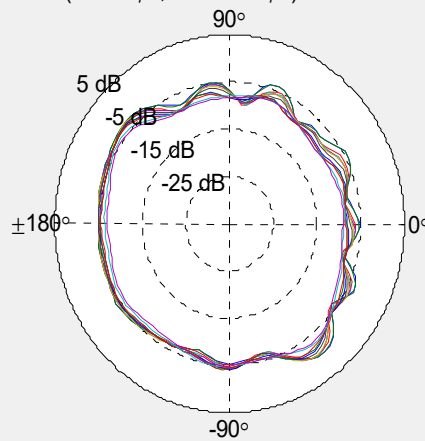


Radiation Pattern

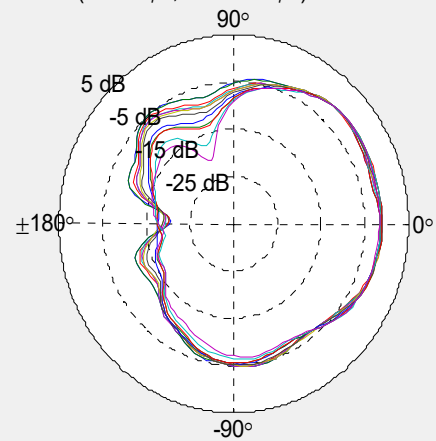
SUB6G-H1-2 = 1880 - 1990 MHz



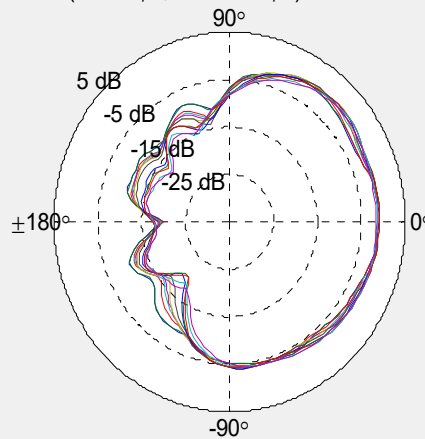
XY Plane (+X = 0φX, +Y = +90φX) / Elevation = 90 φX



ZX Plane (+Z = 0φX, +X = +90φX) / Azimuth = 0 φX



YZ Plane (+Z = 0φX, +Y = +90φX) / Azimuth = 90 φX

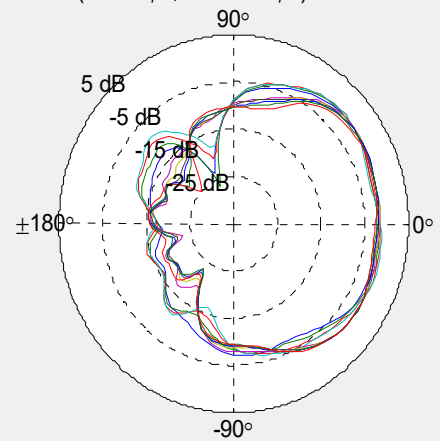
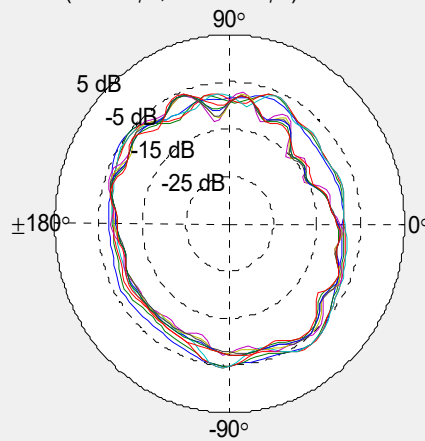
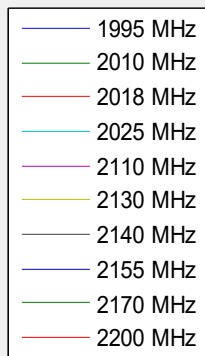


Radiation Pattern

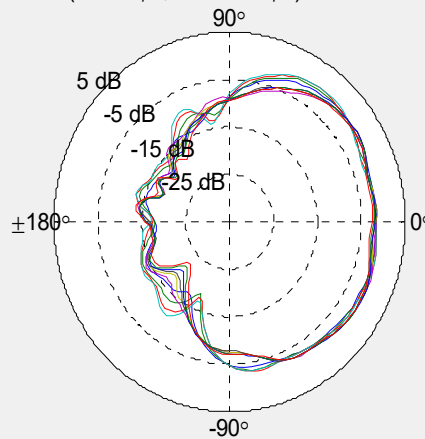
SUB6G-H1-3 = 1995 - 2200 MHz

XY Plane (+X = 0φX, +Y = +90φX) / Elevation = 90 φX

ZX Plane (+Z = 0φX, +X = +90φX) / Azimuth = 0 φX



YZ Plane (+Z = 0φX, +Y = +90φX) / Azimuth = 90 φX



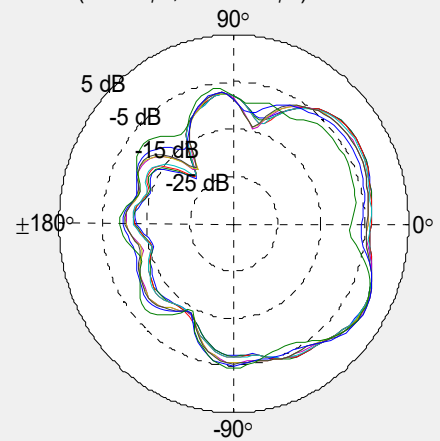
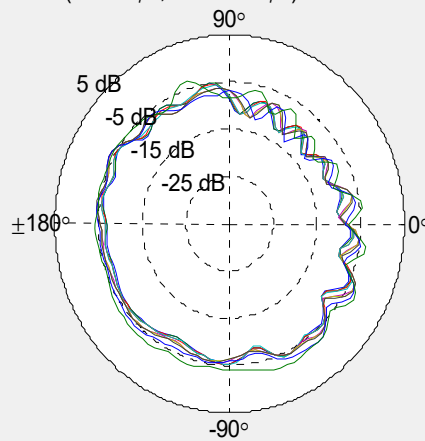
Radiation Pattern

SUB6G-H2-1 = 2300 - 2496 MHz

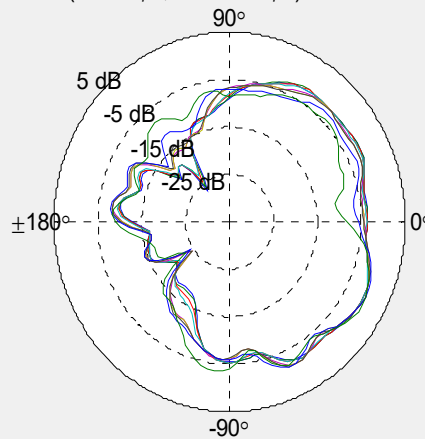
XY Plane (+X = 0φX, +Y = +90φX) / Elevation = 90 φX

ZX Plane (+Z = 0φX, +X = +90φX) / Azimuth = 0 φX

- 2300 MHz
- 2305 MHz
- 2310 MHz
- 2315 MHz
- 2350 MHz
- 2355 MHz
- 2360 MHz
- 2400 MHz
- 2496 MHz



YZ Plane (+Z = 0φX, +Y = +90φX) / Azimuth = 90 φX



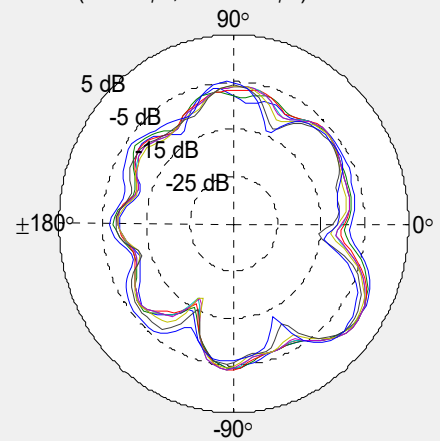
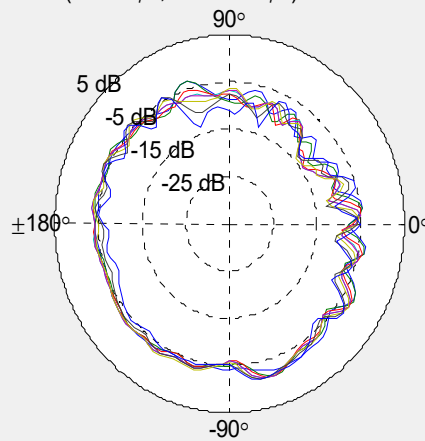
Radiation Pattern

SUB6G-H2-2 = 2500 - 2690 MHz

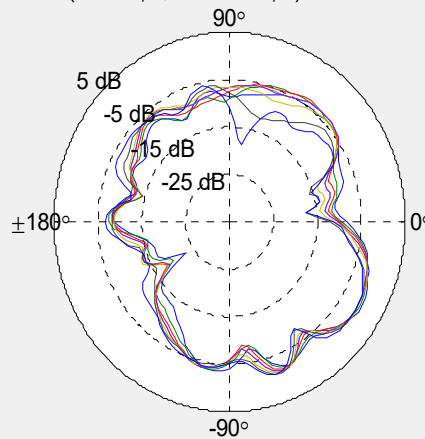
XY Plane (+X = 0φX, +Y = +90φX) / Elevation = 90 φX

ZX Plane (+Z = 0φX, +X = +90φX) / Azimuth = 0 φX

- 2500 MHz
- 2535 MHz
- 2570 MHz
- 2593 MHz
- 2595 MHz
- 2620 MHz
- 2655 MHz
- 2690 MHz



YZ Plane (+Z = 0φX, +Y = +90φX) / Azimuth = 90 φX

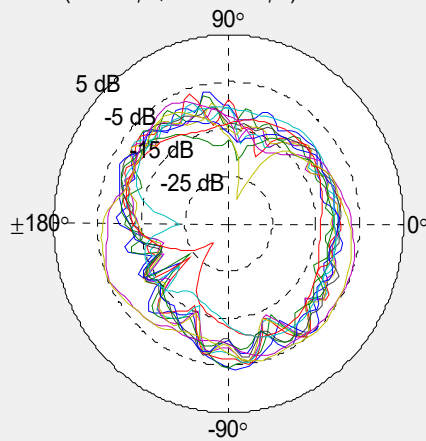


Radiation Pattern

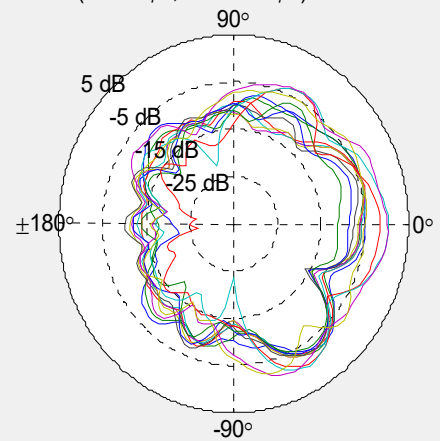
SUB6G-SHF-3 = 3000 - 5000 MHz

- 3300 MHz
- 3400 MHz
- 3500 MHz
- 3550 MHz
- 3600 MHz
- 3625 MHz
- 3700 MHz
- 3750 MHz
- 3800 MHz
- 4200 MHz
- 4400 MHz
- 4700 MHz
- 5000 MHz

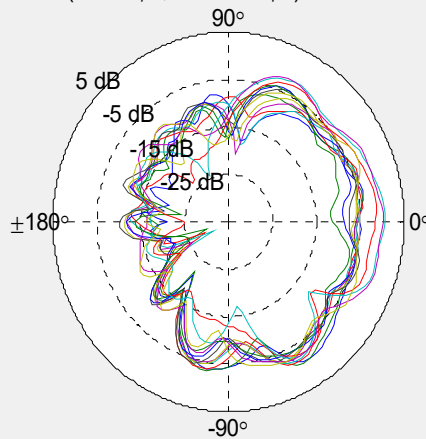
XY Plane (+X = 0φX, +Y = +90φX) / Elevation = 90 φX



ZX Plane (+Z = 0φX, +X = +90φX) / Azimuth = 0 φX



YZ Plane (+Z = 0φX, +Y = +90φX) / Azimuth = 90 φX



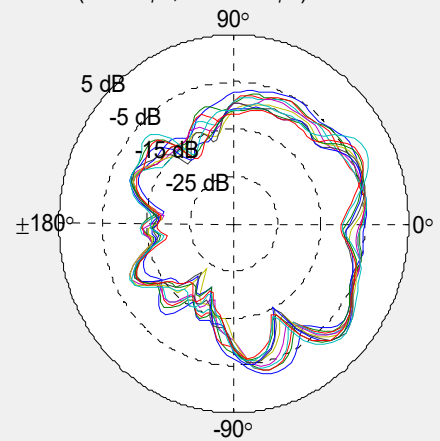
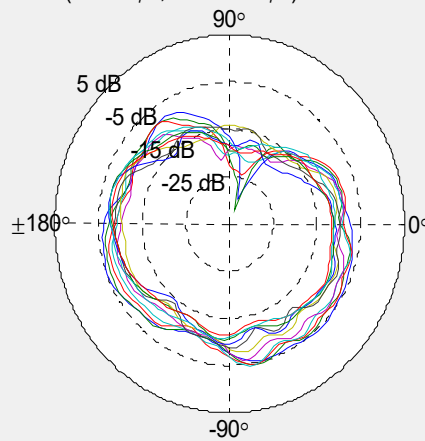
Radiation Pattern

5G Band = 4900 - 5975 MHz

XY Plane (+X = 0φX, +Y = +90φX) / Elevation = 90 φX

ZX Plane (+Z = 0φX, +X = +90φX) / Azimuth = 0 φX

- 5000 MHz
- 5150 MHz
- 5250 MHz
- 5350 MHz
- 5470 MHz
- 5600 MHz
- 5725 MHz
- 5785 MHz
- 5850 MHz
- 5900 MHz
- 5925 MHz



YZ Plane (+Z = 0φX, +Y = +90φX) / Azimuth = 90 φX

