

GSM/CDMA/UMTS/LTE /WLAN ANTENNA

Antenna LTE Pole Mount
698-2700 MHz, 15 dBi, SMA(m),
RG58U/10m

BB-LTEXL7025

BENEFITS

- Directional – greater reach
- High gain
- Anti-vandal design
- Anti-corrosive material

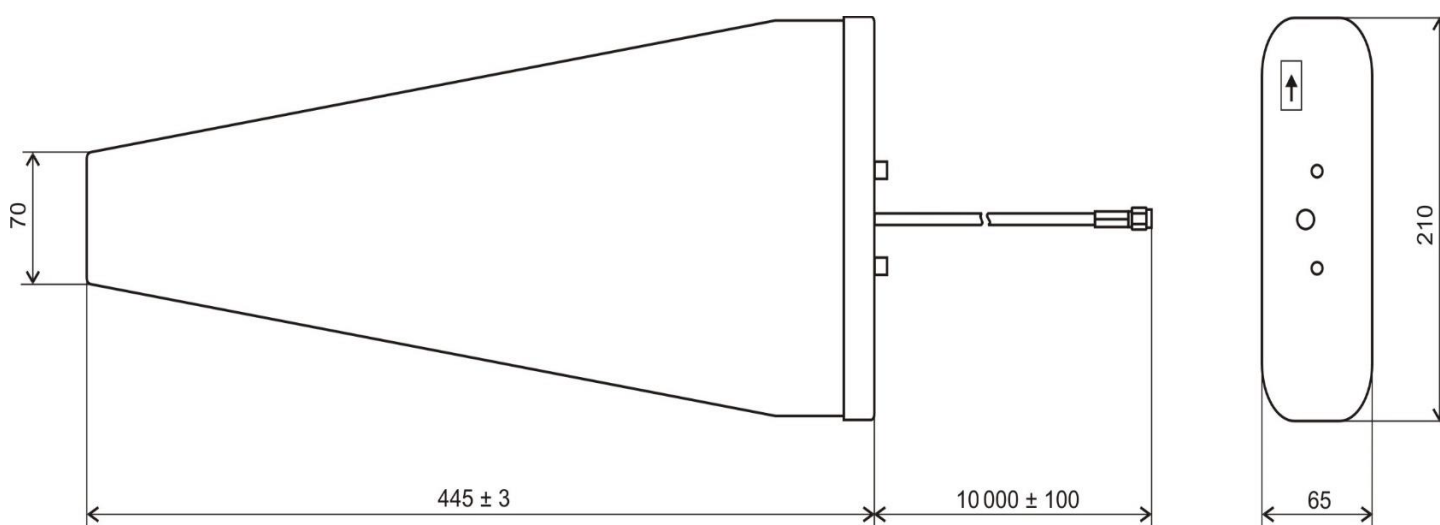


FEATURES

BB-LTEXL7025

Technology	GSM/CDMA/UMTS/LTE/WLAN
Frequency bands	700/800/900/1700/1800/1900/2100/2400/2500/2600/2700 MHz
Bandwidth	262/990 MHz
Gain	15 dBi
VSWR	< 1.3:1
Impedance	50 Ohm
Directivity	Directional
Beam angle	Attached graphs below
Polarization	Vertical
Maximum input power	10 W
Power voltage	-
Dimensions	445 x 210 x 65 mm
Weight	980 g
Operating temperature	-40 to 85 °C
Execution	External
Method of attachment	Pole Mount
Cable type	RG58/U
The cable length	10 m
Connector type	SMA(m)
Certification	-

DRAWING



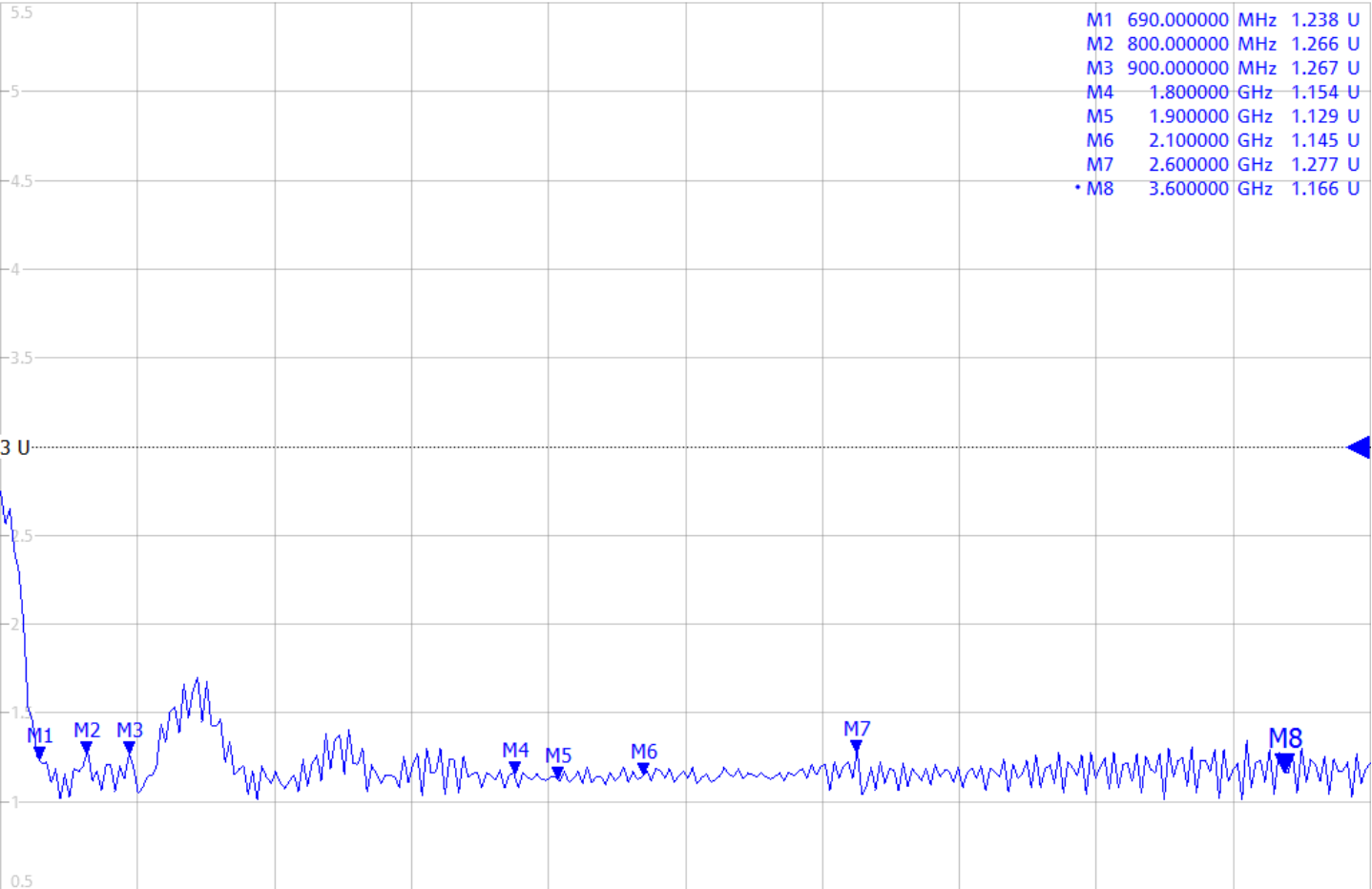
UNIT: mm

VSWR – Voltage standing wave ratio [-]

5/10/2021 11:11:17 AM
1328.5170K92-101119-MX

Trc1 — S11 SWR 500 mU/ Ref 3 U Cal

1



Ch1 Start 600 MHz

Pwr -10 dBm Bw 10 kHz

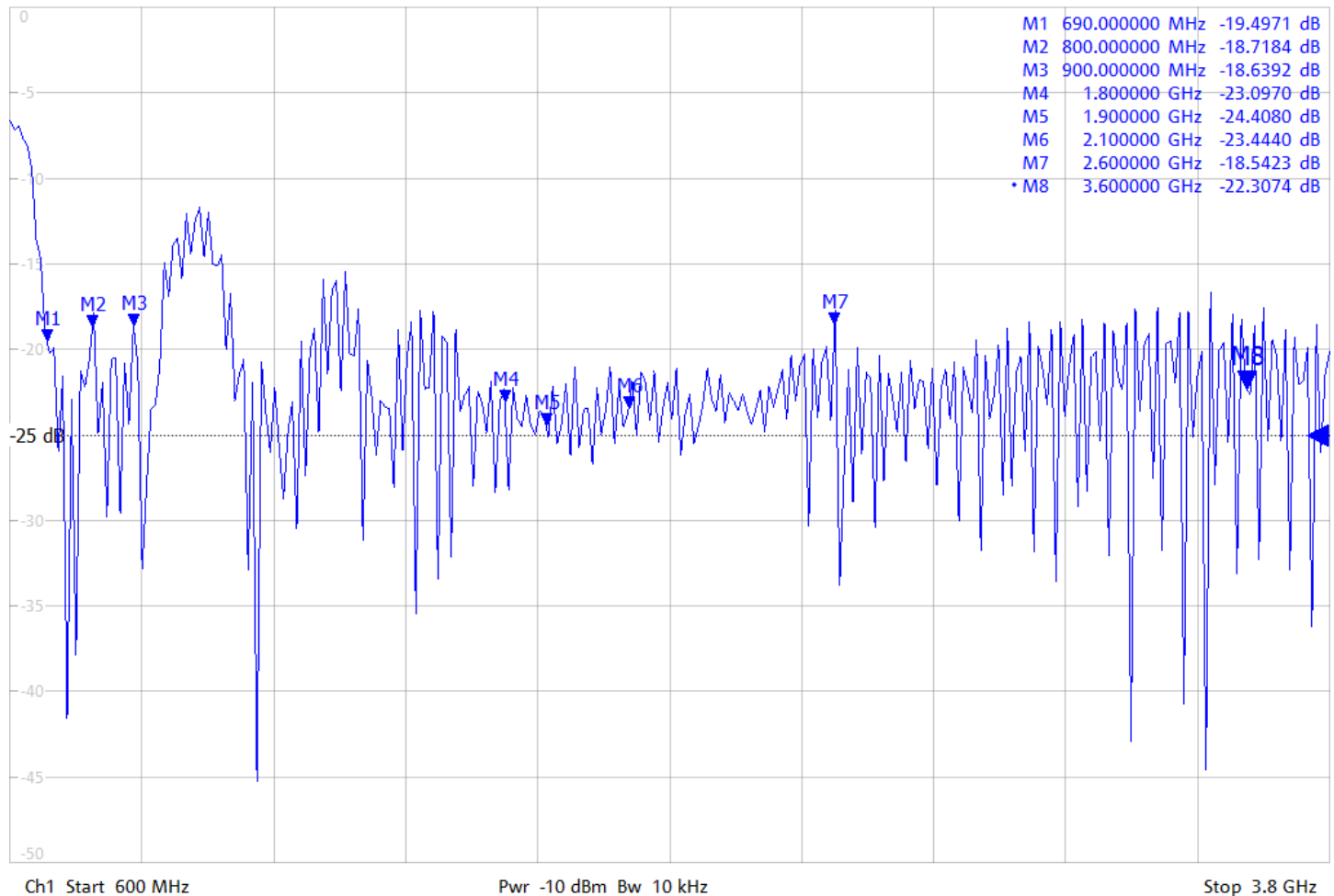
Stop 3.8 GHz

S11 - Return Loss of LTE antenna [dB]

5/10/2021 11:10:38 AM
1328.5170K92-101119-MX

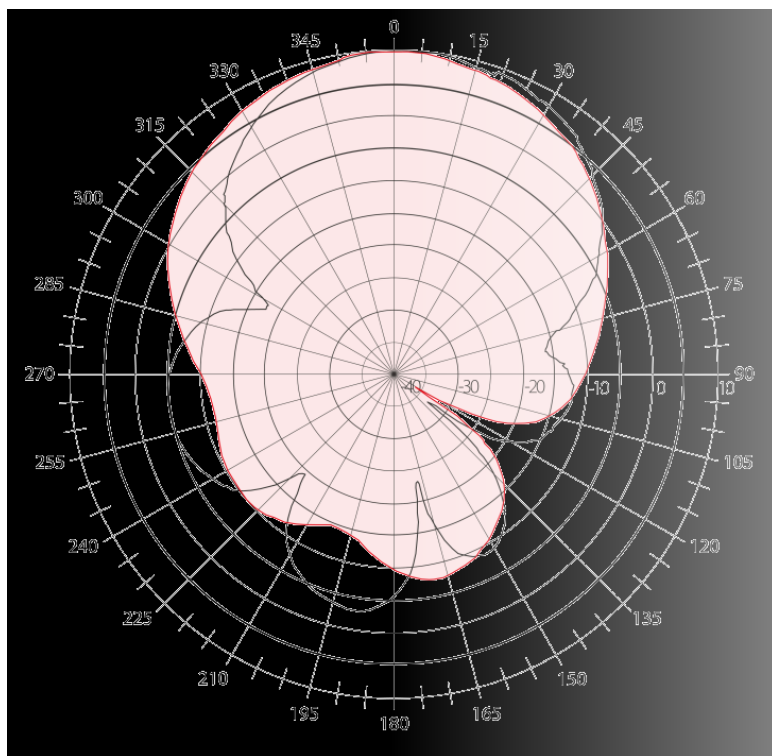
Trc1 — S11 dB Mag 5 dB/ Ref -25 dB Cal

1

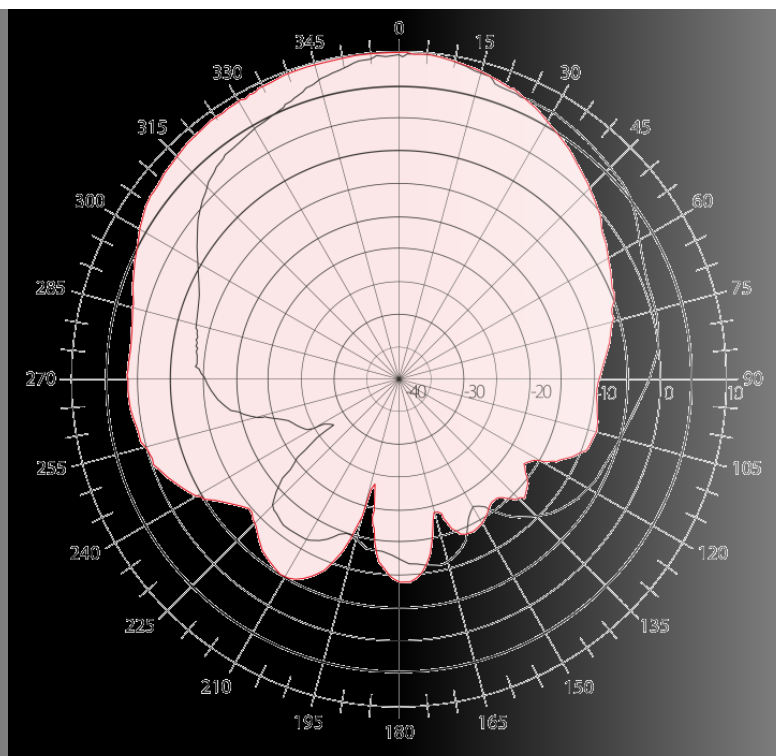


Radiation pattern

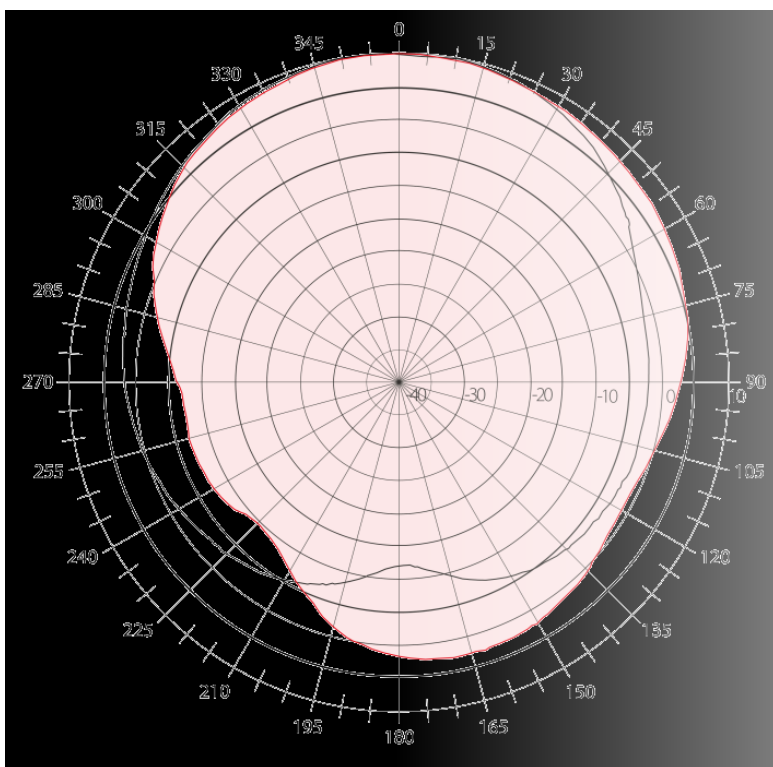
700 MHz



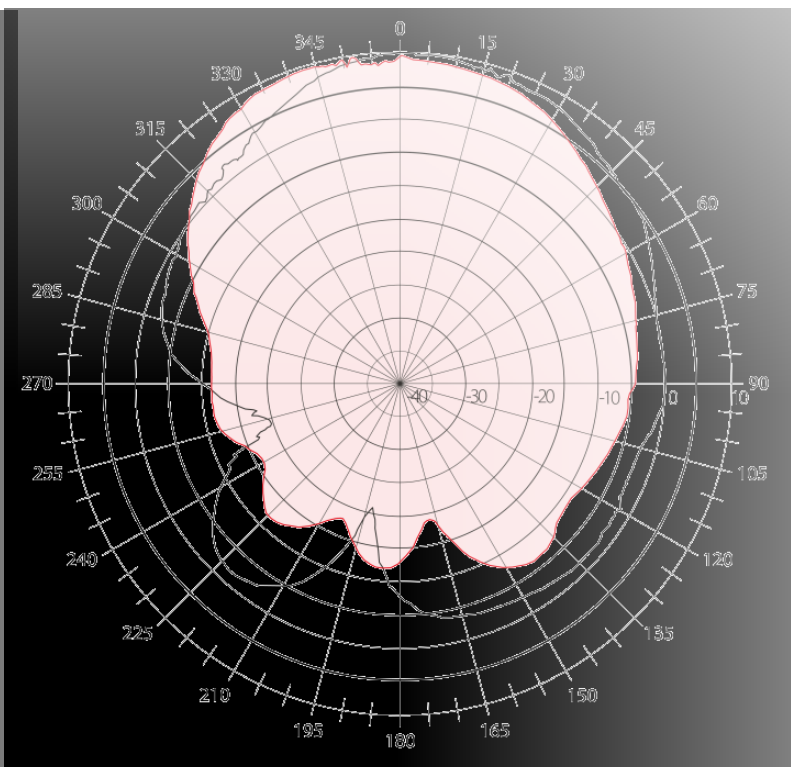
824 MHz



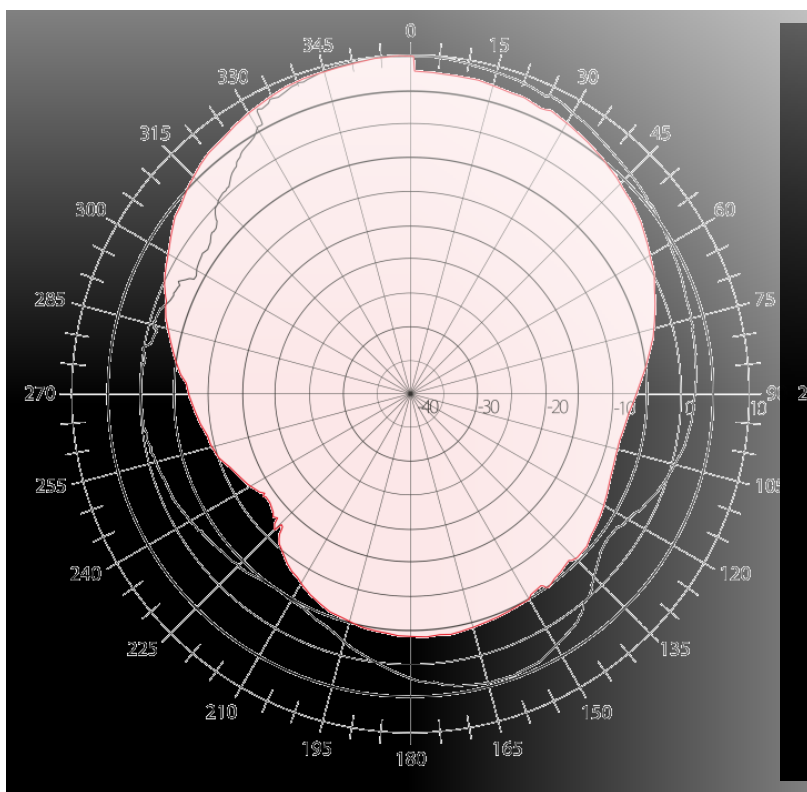
960 MHz



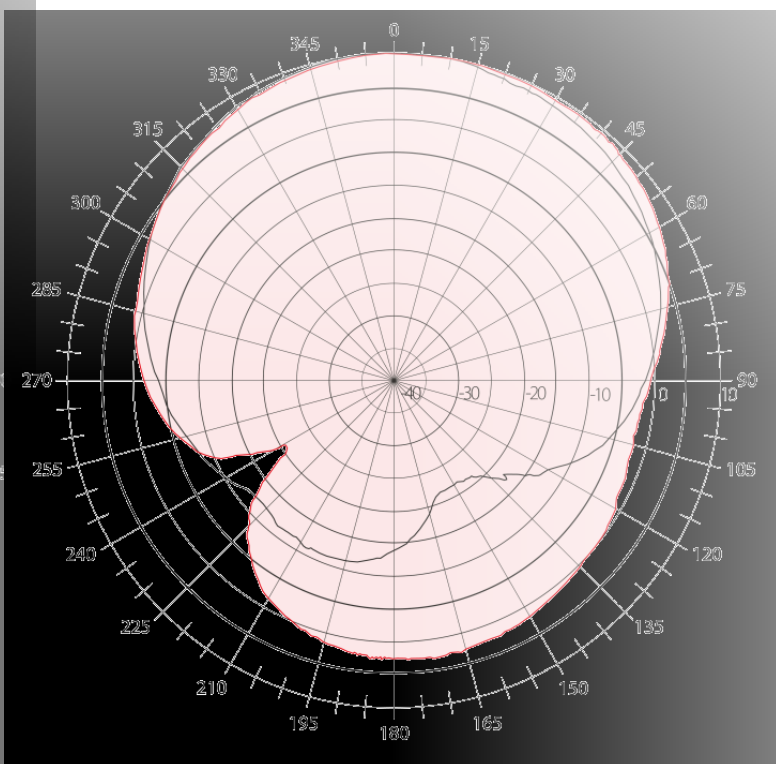
1800 MHz



2600 MHz



2700 MHz



VARIANTS

Different connector variants or cable lengths are available on request.