

# Table of Contents – Five Year Forecast – Mobile Radio Access Network

## Page No.

### Executive Summary

Overview .....	1
Assumptions .....	14
Comparison to Previous Forecast .....	14
Caveats .....	15
Methodology.....	16
Definitions .....	17

### Worldwide Tables (Mfg. Revenue, Unit Shipments, Transceiver or RF Carrier Shipments, Mfg. ASP)

Table 1: Worldwide Mobile Radio Access Network Market Total.....	1
Table 2: Worldwide Mobile Radio Access Network Market — GSM .....	2
Table 3: Worldwide Mobile Radio Access Network Market — WCDMA.....	4
Table 4: Worldwide Mobile Radio Access Network Market — LTE .....	6
Table 5: Worldwide Mobile Radio Access Network Market — LTE — FDD .....	7
Table 6: Worldwide Mobile Radio Access Network Market — LTE — TDD.....	8
Table 7: Worldwide Mobile Radio Access Network Market — 5G NR.....	9
Table 8: Worldwide Mobile Radio Access Network Market — 5G NR — Sub 6 GHz .....	11
Table 9: Worldwide Mobile Radio Access Network Market — 5G NR — Millimeter Wave.....	13
Table 10: Regional Mobile Radio Access Network Market — GSM+CDMA+WCDMA+WiMAX+LTE+5G NR.....	15
Table 11: Regional Mobile Radio Access Network Market — GSM.....	16
Table 12: Regional Mobile Radio Access Network Market — CDMA.....	17
Table 13: Regional Mobile Radio Access Network Market — WCDMA .....	18
Table 14: Regional Mobile Radio Access Network Market — WiMAX.....	19
Table 15: Regional Mobile Radio Access Network Market — LTE .....	20
Table 16: Regional Mobile Radio Access Network Market — 5G NR .....	21
Table 17: Worldwide Mobile Radio Access Network Market Total — BTS + BSC.....	22
Table 18: Worldwide Mobile Radio Access Network Market — Macro BTS.....	23
Table 19: Worldwide Mobile Radio Access Network Market — Massive MIMO.....	24
Table 20: Worldwide Mobile Radio Access Network Market — Small Cell — RF Output Power.....	25
Table 21: Worldwide Mobile Radio Access Network Market — Small Cell — Radio Interface.....	26

### Appendices

Appendix 1: Worldwide Mobile Subscriptions.....	27
Appendix 2: Worldwide Mobile Subscriptions by Region .....	28
Appendix 3: Worldwide Real GDP Growth .....	30