

Radiated Emission	Part 22.917(a) Part 24.238(a)&(b) TIA/EIA 603 or TIA/EIA-102.CAAA RSS 118 RSS 132, 133	- Substitution Method Out of band limit $43+10\log(P)$ E - Tests performed at one operating frequency at maximum power out - 3 places in the band (not necessary if antenna conducted performed at places in the band.)
Antenna Conducted Emissions	Part 22.917(a) Part 24.238(a) &(b), TIA/EIA 603 or TIA/EIA-102.CAAA RSS 118 RSS 132, 133	- Not required for device with internal antenna - Highest and lowest power output levels at one operating frequency - 3 places in the band
Band-edges (upper and lower)	- Part 22.917 (a) - Part 22.917(b), - Part 24.238(a) & (b) meas. Procedure - RSS 118 with 30kHz for Analog mod. - RSS 132, 133	Conducted or Radiated method
Peak Power Output	Part 22.913 RSS 118, RSS 132, 133	- ERP or conducted - 3 places in the band
Spurious emissions in base station band	RSS 118 only	Limit is -80dBm in 869-894MHz
Temperature Stability	Part 22.355, RSS 118 TIA/EIA 603 RSS 132, 133	
Occupied Bandwidth	Part 2.1049 TIA/EIA 603 or TIA/EIA-102.CAAA RSS 118 RSS 132, 133 “A discussion on the measurement of occupied bandwidth” by Brian Kasper	- voice at M=2.5k - Supervisory Audio Tone (SAT) M=6k - Signaling tone (ST) at M=10k - Wideband data M=10k - For other digital mod. Provide 9 BW
Attestation – AMPS compatibility requirements	Part 22.901(b)(1) ANSI TIA/EIA-553-A RSS 118	FCC: AMPS phones must maintain compatibility for 5 years after Feb 18, 2003
Attestation - Dial 911 Call processing	Part 22.921	

Modulation Requirements: AFR, LPF R, limiting plots	- DELETED from FCC rules after Feb. 18, 2003 - RSS 118	- DELETED from FCC rules after Feb. 18, 2003 - IC: maximum deviation will be recorded and verified to be +/-10% voice =12k, SAT =2k, ST = 8k, and WBD = 8k
Rx: Radiated spurious emissions	RSS 118, RSS 132, 133	3 places in the band
Rx: Antenna Conducted spurious Emissions	RSS 118 sec. 9.6 RSS 132, 133	20 nW or -47 dBm ; Subscriber unit is 10 pW or -80 dBm 3 places in the band
ESN	RSS 118 only	RSS 118 only