



Winston-Salem / Forsyth County Interagency Communications



The City of Winston-Salem / Forsyth County trunked radio system is a Motorola type 4.1ASTRO digital trunked simulcast mixed mode radio system. It simulcasts transmissions from a system of eight (8) tower sites throughout the City and County. The system operates in the 800 Megahertz spectrum and utilizes 15 frequency pairs with a bandwidth of NPSPAC 20 KHz

Technical specifications attached on subsequent pages.

Winston-Salem / Forsyth County Frequency Plan
Post - Rebanding
 updated: 04-04-2016

	Base Station (Receive) Frequencies (MHz)	Mobile (Transmit) Frequencies (45 MHz lower)
15	851.2125	806.2125
14	851.4250	806.4250
13	851.6625	806.6625
12	851.7125	806.7125
11	851.9250	806.9250
10	852.1750	807.1750
9	852.2750	807.2750
8	852.4250	807.4250
7	852.6750	807.6750
6	852.8250	807.8250
5	853.0750	808.0750
4 C	853.2000	808.2000
3 C	853.2750	808.2750
2 C	853.5625	808.5625
1 C	853.6750	808.6750

C designates control channel frequencies

WINSTON-SALEM / FORSYTH COUNTY
800-MHz Trunked Radio System

last updated: 01-03-2012
 modified by: Charles Ashton

Radio Tower Sites

SITE NAME	MOTOROLA DESIGNATOR	STREET ADDRESS	PHONE NUMBER	LOCATION	ANTENNA STRUCTURE REGISTRATION (ASR)	LATITUDE (NAD83)	LONGITUDE (NAD83)	TOWER HEIGHT (AGL in ft.)
Fairlawn Drive	SZ941F0104	2915 Fairlawn Drive	727-2459 (dial "9" to get out)	Behind Wendy's restaurant at 2735 Reynolda Rd.	1238152	36-08-32.997	80-17-47.360	320
Winston Tower	SZ941F0101	321 N. Main Street	727-2226 (dial "9" to get out)	On top of the Winston Tower building at 301 N. Main St.	1240542	36-05-53.490	80-14-37.170	441
Palmer Lane	SZ941F0103	793 Palmer Lane	771-4759 (dial "9" to get out)	Next to fire station No. 5 at 771 Palmer Ln.	1238070	36-02-57.418	80-13-44.901	400
Clemmons	SZ941F0109	6315 Amp Drive	712-1213 (dial "9" to get out)	Across from the Holiday Inn Express at 6320 Amp Dr.	1238645	36-02-15.533	80-23-00.710	400
Lewisville	SZ941F0106	7800 Shallowford Road	946-0818	Across from the Lewisville Landfill at 7815 Shallowford Rd.	1238153	36-05-54.828	80-27-26.499	400
Old Richmond	SZ941F0107	8124 Reynolda Road	922-0756	Behind the Spevco manufacturing plant at 8118 Reynolda Rd.	1238902	36-11-59.963	80-23-37.764	450
Walkertown	SZ941F0108	5067 Salem Road	595-9922	Access driveway is next to 5063 Salem Rd.	1238075	36-10-32.236	80-09-23.201	435
Kernersville	SZ941F0105	720 McKaughan Street	993-4179	At the back (west) side of the Kernersville Public Works facility.	1202901	36-06-36.317	80-04-36.392	448

