

EMERGENCY RESPONDER RADIO COVERAGE (ERRC) SPECIAL INSPECTION REPORT

Project Information

Print Building Owner's Name		Project Address
First	Last	
City Project Number	Phone	Contact Email

ERRC Inspection Agency

Special Inspection Date

Print Company Name	Print Special Inspector's Name	Address
Texas P.E. / FCC GRO License No.	Contact Phone	Contact Email

By signing and/or affixing my seal below, I hereby attest to the following:

1. That the person performing the required inspection and testing of the ERRC system is objective, competent, and independent from the contractor responsible for the work being inspected.
2. I have disclosed all possible conflicts of interest to Houston Public Works before submitting this inspection report.
3. The following inspections and test procedures were performed at the property located at the address listed above and that the Emergency Responder Radio Coverage for the said property was found to be compliant in accordance with the provisions of the Houston Construction Code.

Initial	Applicable Test Procedures and Inspections
	The test was conducted using a calibrated portable radio of the latest brand and model used by the agency talking through the agency's radio communication system.
	Each floor of the building was divided into a grid of 20 approximately equal test areas and, when tested, no more than two nonadjacent test areas were found to have failed the test; or Each floor of the building was divided into a grid of 40 approximately equal test areas and, when tested, no more than four nonadjacent test areas were found to have failed the test.
	Two-way radio communications were verified by testing the two-way communication to and from the outside of the building from a single point approximately in the center of each test area. No retests occurred for the representative area based upon a second or third point selected.
	The gain values of all amplifiers were measured, and the test measurement results will be kept on file with the building <i>owner</i> , so measurements can be verified during annual tests. In the event that the measurements are lost, the building <i>owner</i> shall be required to rerun the acceptance test to reestablish the gain values.
	As part of the installation a spectrum analyzer or other suitable test equipment has been utilized to ensure spurious oscillations are not being generated by the subject signal booster. This test occurred at the time of installation and will be repeated at each subsequent annual inspection.
	The ERRC for the property that is the subject of this report has been determined to meet the minimum 95% coverage requirement specified in Section 510.5.3. In accordance with the provision of Section 510 of the Houston Fire Code this is a passing score and at the time of this special inspection the building complies with the code provisions of the Houston Construction Code for ERRC.
	ERRC for the existing structure at this property is provided in accordance with the code provisions of section 510.1 Exception #1.
	Signal booster systems, components and circuitry are provided in accordance with the code provisions of section 510.4.2.4 of Houston Adopted IFC, the Houston Adopted IBC, NFPA 72 and the Houston Adopted National Electrical Code (NEC).
	Wired fire department communication systems are designed and installed in accordance with NFPA 72, the Houston Adopted NEC and shall operate between a fire command center complying with the Houston Construction Code.

NOTE: This inspection checklist and any attached documents address the Special Inspection Testing requirement applicable to the ERRC code requirements associated with the new building(s), buildout(s), building addition(s) and/or remodel project(s) listed below:

City of Houston Project Number(s).	Project Description (Scope of Work)
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	

Engineer Seal or Image of Special
Inspectors FCC General
Radiotelephone Operators License
and attach In-building Systems
Training Certificate

Signature

Date