

Direct Sequence Bandwidth

FCC Part 15.247(a)(2)

Of Direct Sequence Spread Spectrum System

UNIDEN America Corporation
Cordless Phone
TRU5885(xx)/UC789BH

Section b

APREL Project No.: UESB-TRU5885-cordless phone-3907

Test: Direct Sequence Bandwidth

Reference: FCC Part 15.247(a)(2)

Criteria: 6 dB bandwidth shall be at least 500KHz(0.5MHz).

Condition: Radiated Test

Set-up: See Figure: Test Set-up

Equipment: See Appendix A.

Methodology: 6 dB bandwidth was measured in accordance with the above noted paragraphs of the F.C.C. Rules and Regulations. The test was performed in the radiated mode as shown in the set-up diagram, while the DUI was operating in transmission mode at the appropriate center frequency. The spectrum analyzer settings were adjusted as follows:

Resolution BW:	100 KHz
Video BW:	300 KHz
Span:	5.0 MHz
Reference Level:	-17.10 dBm (Base) -10.00 dBm (Handset)
Sweep Time:	200 ms
Attenuator:	10 dB
Detector Function:	Peak

Test Results: Test Data is tabulated in Tables b1 and b2. Plots are also attached.

Conclusion: The unit complies with requirements.

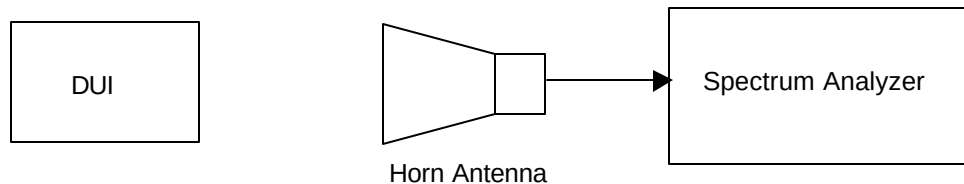


Figure: Test Set-up

Table b1 Measurement Results (Base)

Channel	Center Freq (MHz)	Lower Freq (MHz)	Upper Freq (MHz)	6dB Bandwidth (MHz)	Pass/Fail
1	5742.98	5742.14	5743.74	1.60	Pass
10	5767.28	5766.50	5767.99	1.49	Pass
18	5788.88	5788.07	5789.57	1.50	Pass
27	5813.18	5812.41	5813.94	1.53	Pass
35	5834.78	5834.03	5835.58	1.55	Pass

Table b2 Measurement Results (Handset)

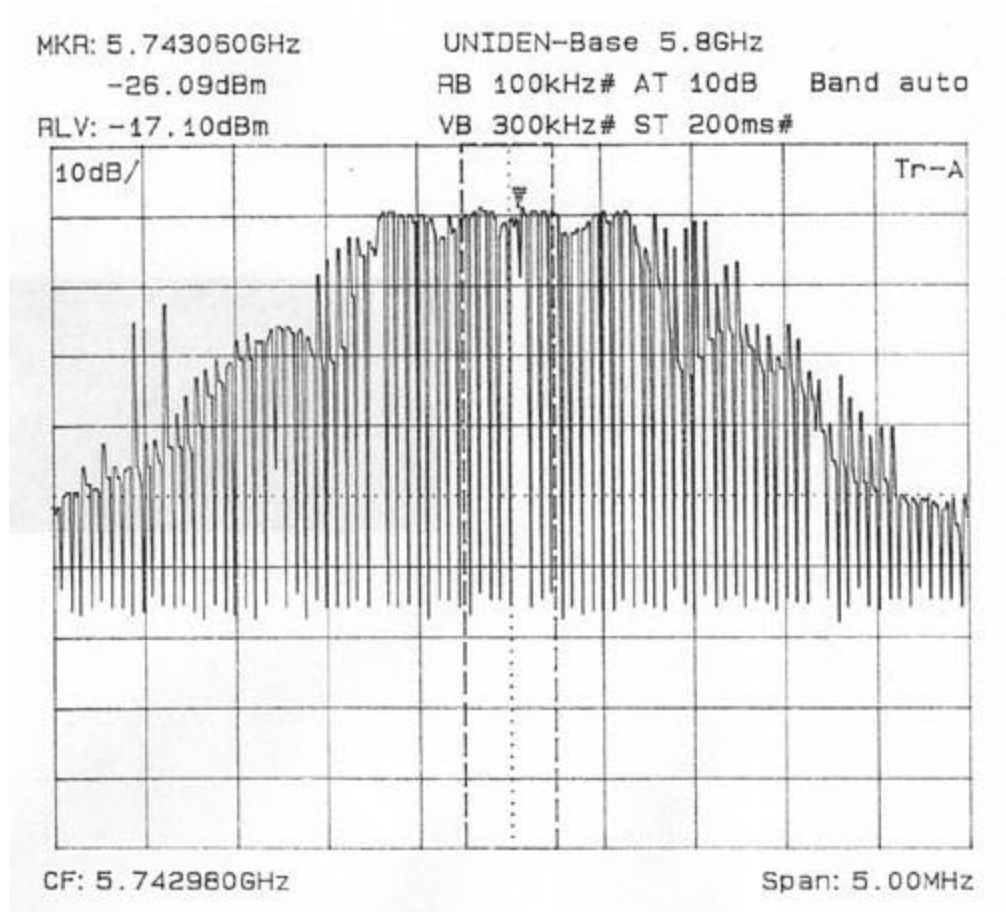
Channel	Center Freq (MHz)	Lower Freq (MHz)	Upper Freq (MHz)	6dB Bandwidth (MHz)	Pass/Fail
1	5742.98	5742.29	5743.69	1.40	Pass
10	5767.28	5766.57	5768.01	1.44	Pass
18	5788.88	5788.16	5789.57	1.41	Pass
27	5813.18	5812.51	5813.89	1.38	Pass
35	5834.78	5834.06	5835.51	1.45	Pass

Tested by:

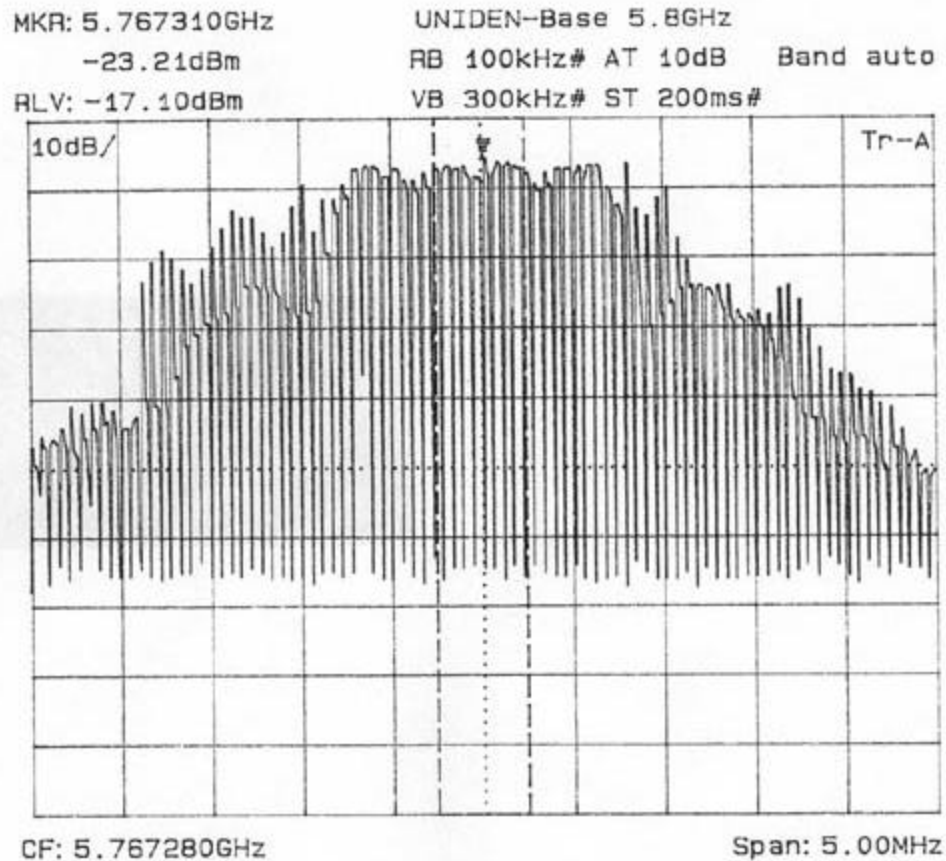
Yingshi Chen

Date:

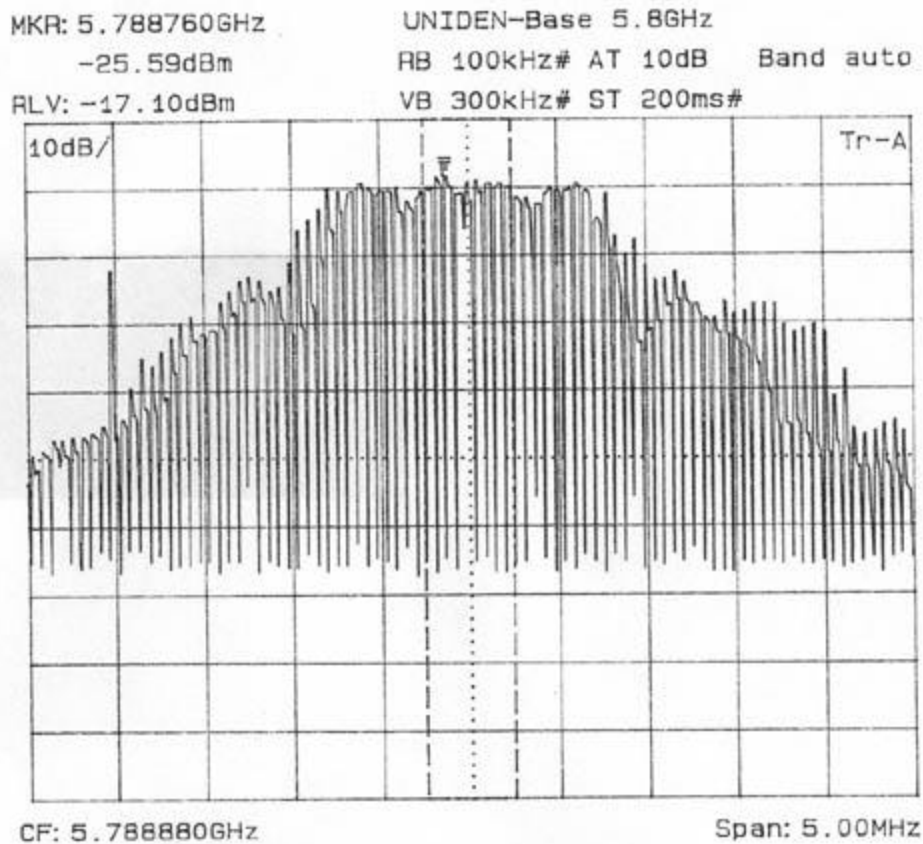
June, 2002



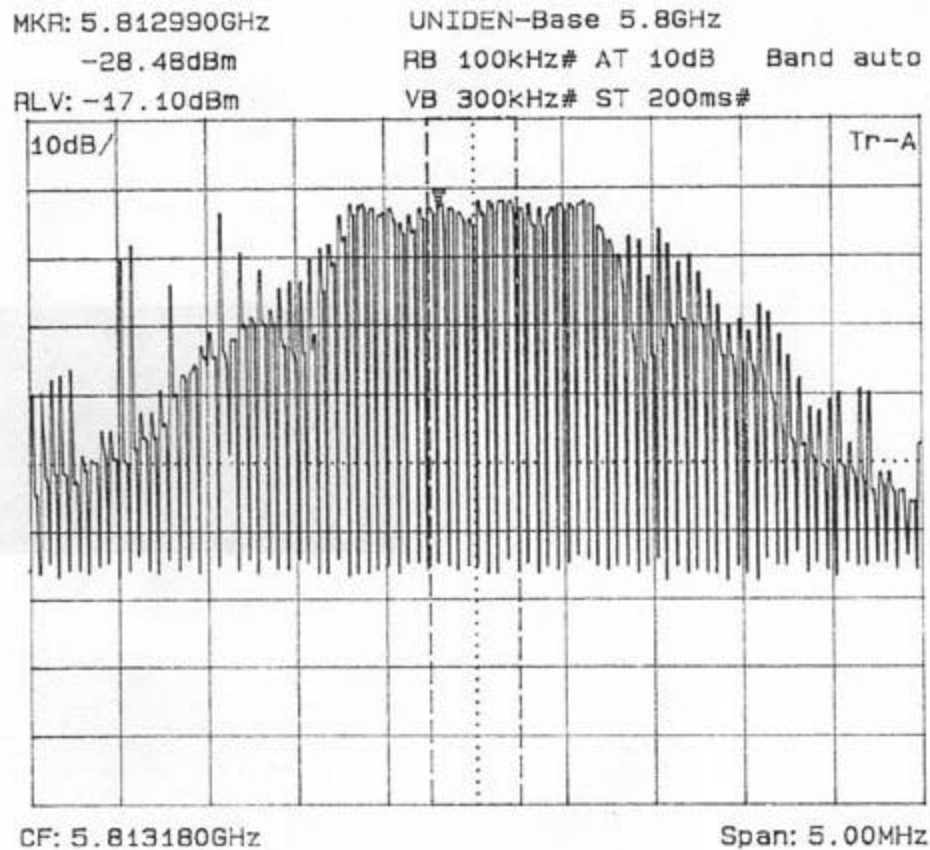
Uniden Base
Direct Sequence Bandwidth
Center Frequency: 5742.98MHz



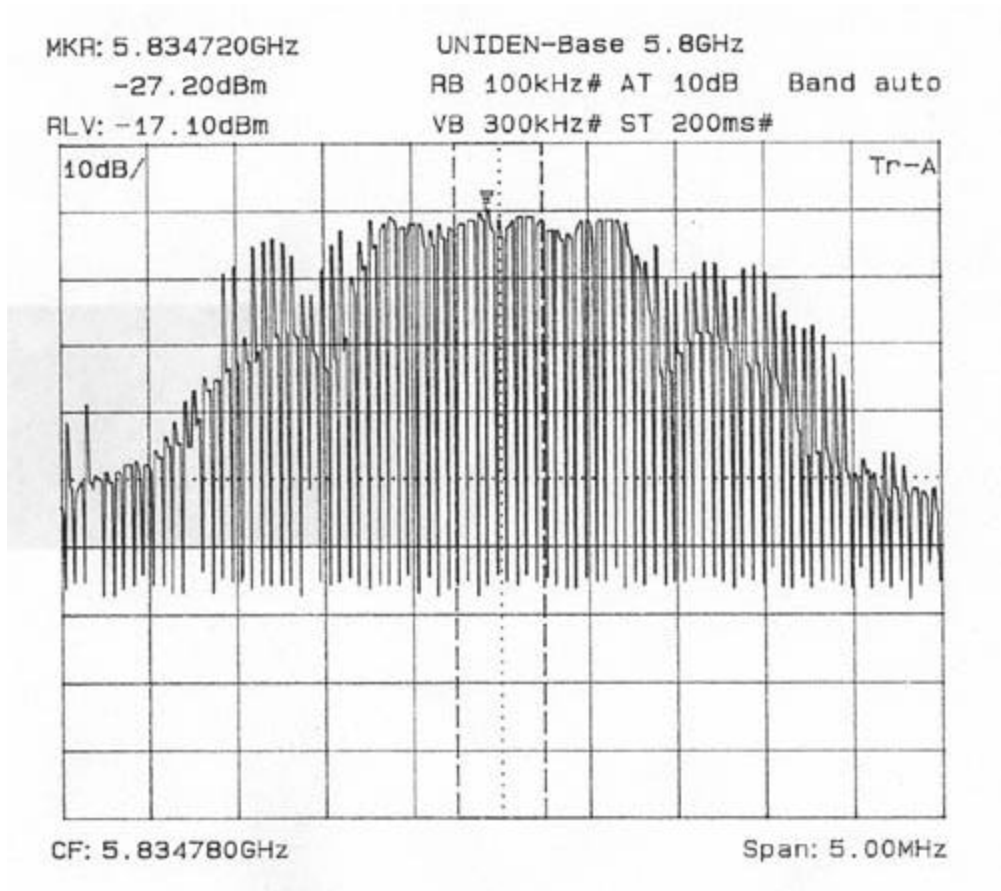
Uniden Base
Direct Sequence Bandwidth
Center Frequency: 5767.28MHz



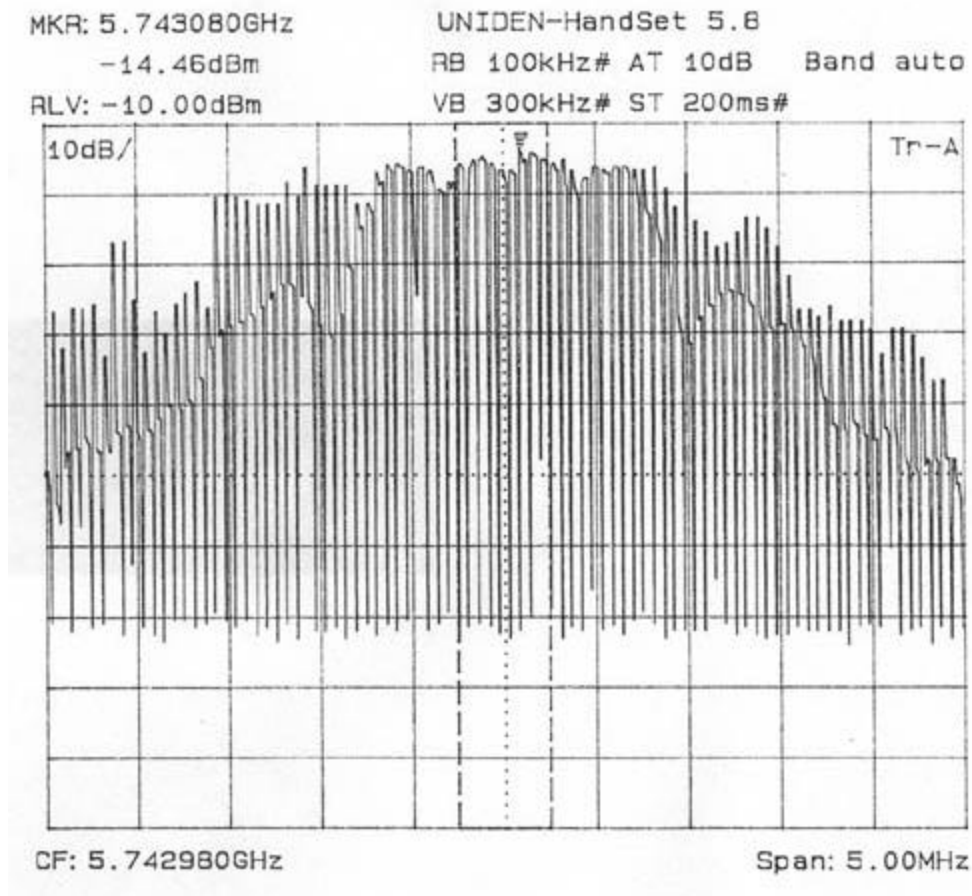
Uniden Base
Direct Sequence Bandwidth
Center Frequency: 5788.88MHz



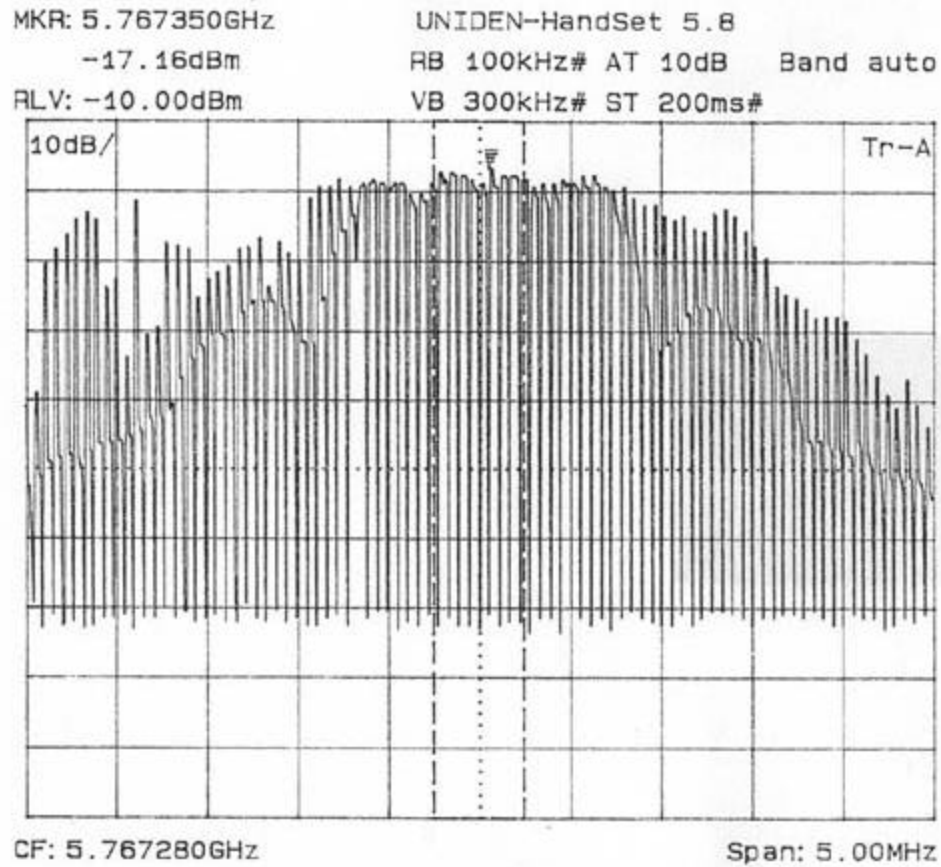
Uniden Base
Direct Sequence Bandwidth
Center Frequency: 5813.18MHz



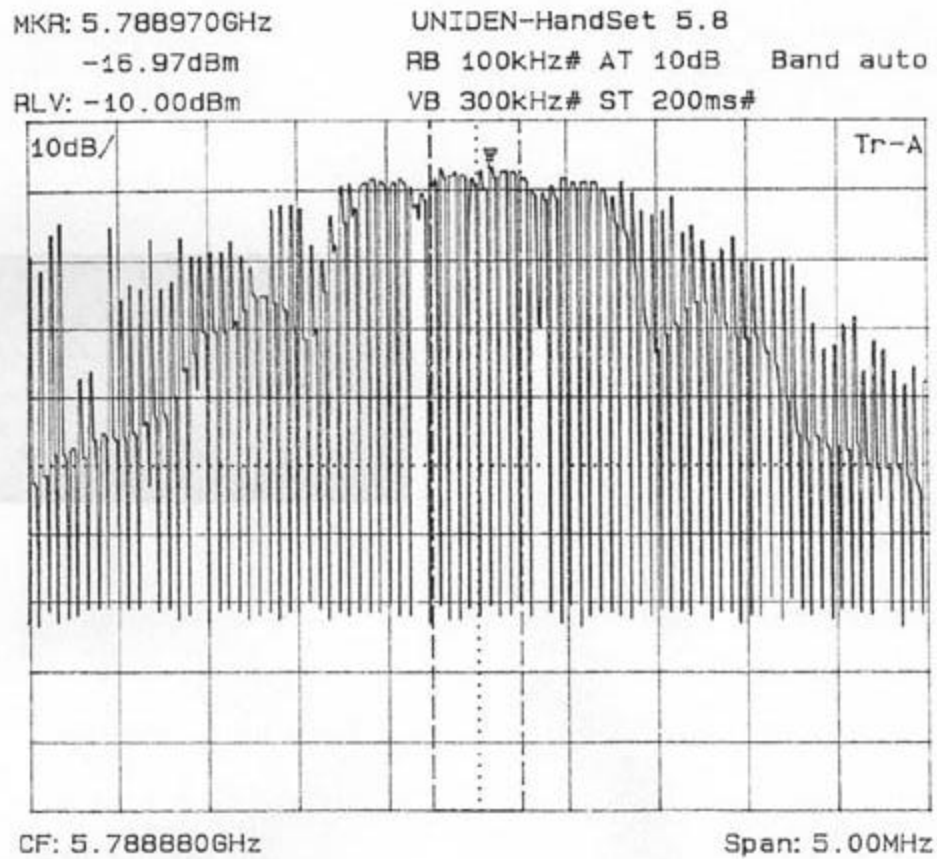
Uniden Base
Direct Sequence Bandwidth
Center Frequency: 5834.78MHz



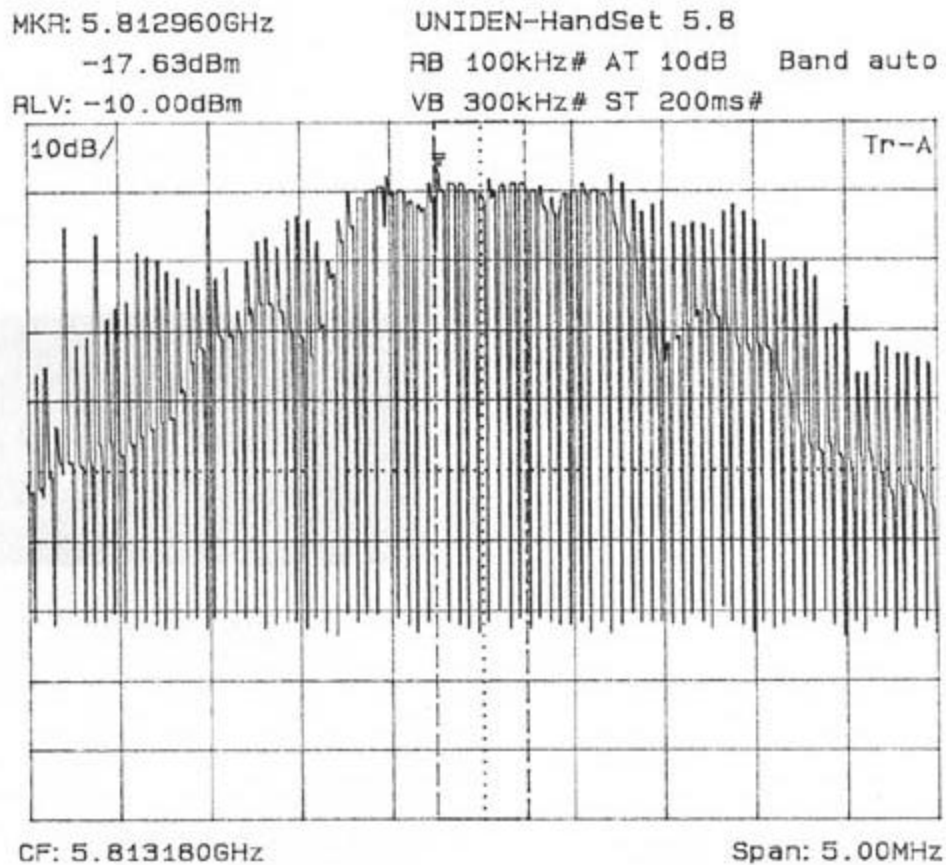
Uniden Handset
Direct Sequence Bandwidth
Center Frequency: 5742.98MHz



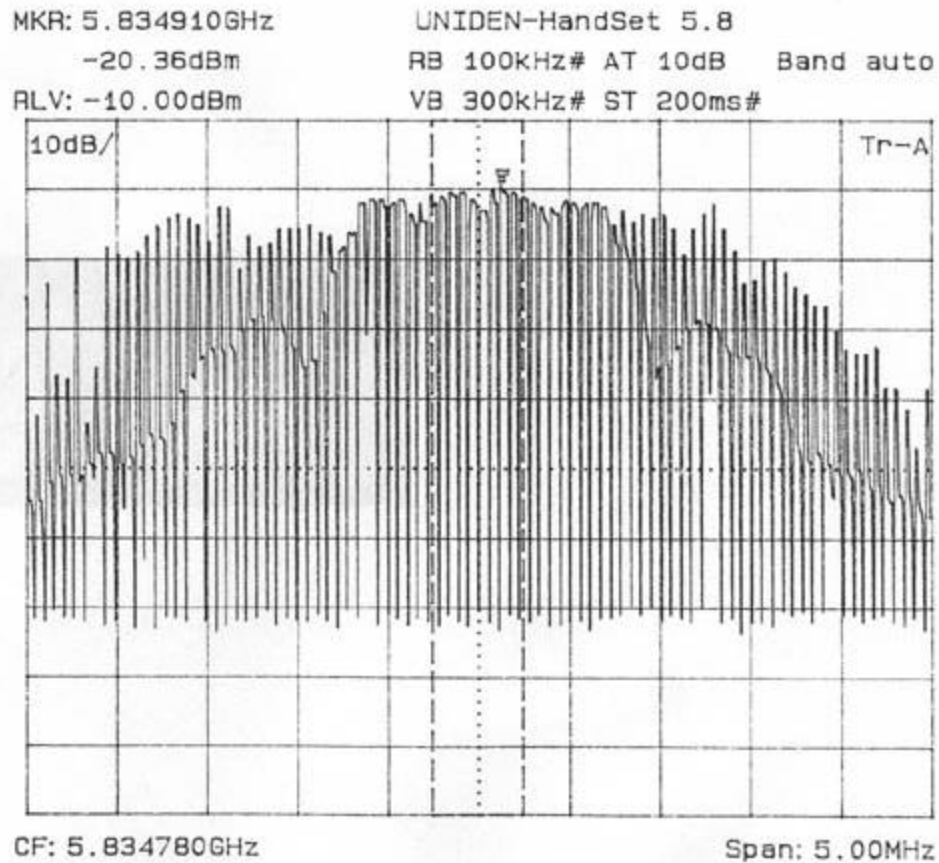
Uniden Handset
Direct Sequence Bandwidth
Center Frequency: 5767.28MHz



Uniden Handset
Direct Sequence Bandwidth
Center Frequency: 5788.88MHz

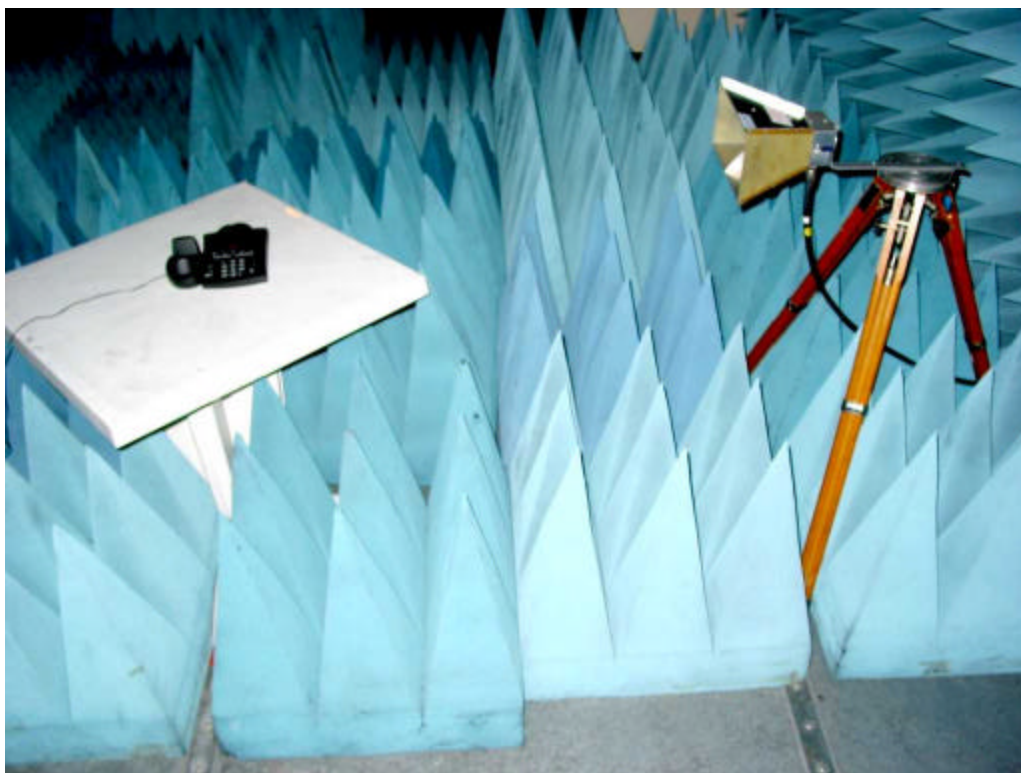


Uniden Handset
Direct Sequence Bandwidth
Center Frequency: 5813.18MHz



Uniden Handset
Direct Sequence Bandwidth
Center Frequency: 5834.78MHz

Pictures of Test Set-up



**Test Set-up for Direct Sequence Bandwidth Measurement
(Uniden Base)**



**Test Set-up for Direct Sequence Bandwidth Measurement
(Uniden Handset)**