

AMPS UPLINK

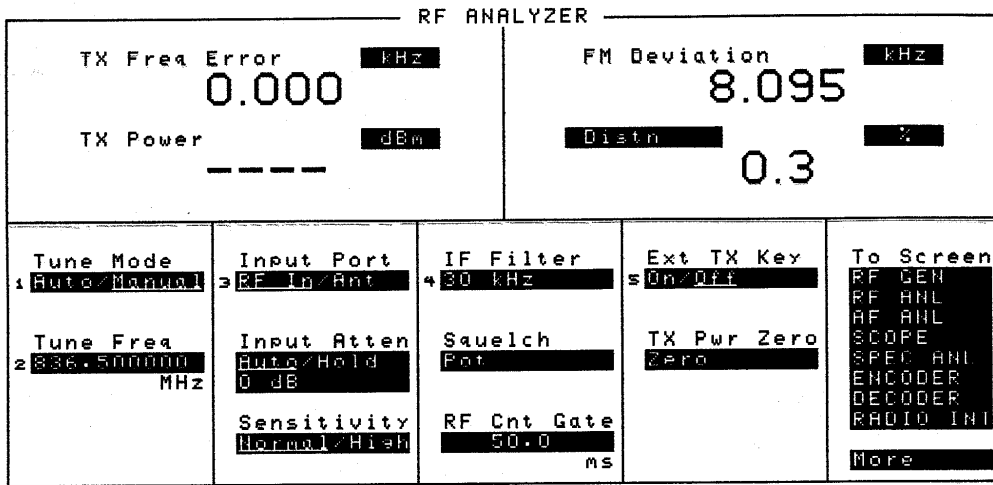
HP 8921A Cell Site Test Set: 12/20/99 04:20:00 pm

RF GENERATOR				
TX Frequency MHz <div style="font-size: 24pt; text-align: center;">836.500000</div>		FM Deviation kHz <div style="font-size: 24pt; text-align: center;">8.095</div>		
TX Power dBm <div style="text-align: center;">-----</div>		AF Freq kHz <div style="font-size: 24pt; text-align: center;">0.99998</div>		
RF Gen Freq 1 836.500000 MHz	AFGen1 Freq 2 1.0000 kHz	AFGen2 Freq 3 1.0000 kHz	Mic Pre-Emp Auto/Hold On/Off	To Screen RF GEN RF ANL AF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More
Amplitude 4 0.0 dBm	AFGen1 To 5 FM 8.00 kHz	AFGen2 To 6 FM Off	Mod In To FM (Vpk) Off	
Atten Hold On/Off	FM Coupling AC/DC DC FM Zero	Audio Out AC/DC		
Output Port 7 RF Out/Outp				

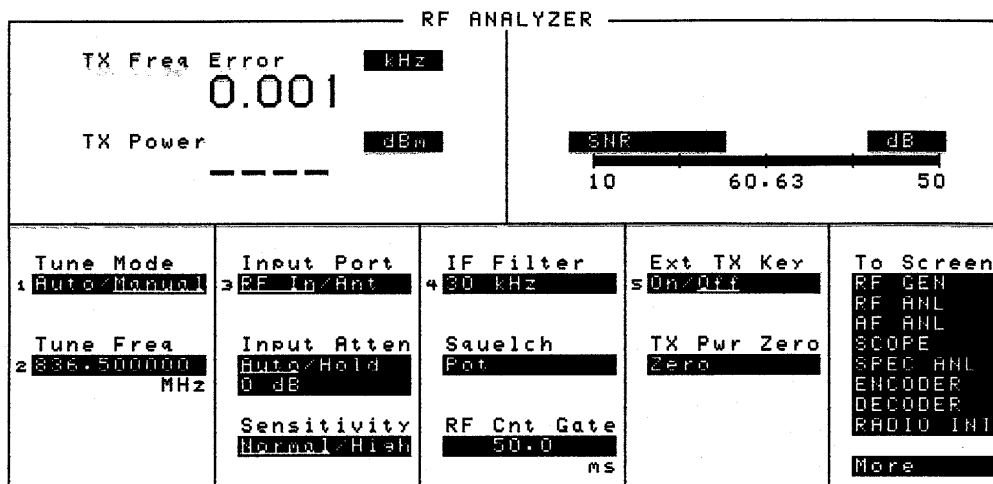
HP 8921A Cell Site Test Set: 12/20/99 04:20:00 pm

RF ANALYZER				
TX Freq Error kHz <div style="font-size: 24pt; text-align: center;">0.000</div>		FM Deviation kHz <div style="font-size: 24pt; text-align: center;">8.095</div>		
TX Power dBm <div style="text-align: center;">-----</div>		AF Freq kHz <div style="font-size: 24pt; text-align: center;">0.99997</div>		
Tune Mode 1 Auto/Manual	Input Port 2 RF In/Ant	IF Filter 3 30 kHz	Ext TX Key 4 On/Off	To Screen RF GEN RF ANL AF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More
Tune Freq 5 836.500000 MHz	Input Atten Auto/Hold 0 dB	Squelch Pot	TX Pwr Zero Zero	
	Sensitivity Normal/High	RF Cnt Gate 50.0 ms		

HP 8921A Cell Site Test Set: 12/20/99 04:21:00 PM



HP 8921A Cell Site Test Set: 12/20/99 04:21:00 PM



HP 8921A Cell Site Test Set: 12/20/99 04:25:00 pm

ADJACENT CHANNEL POWER				
TX Frequency 836.500000 MHz		Upper ACP Ratio -64.96 dB		
TX Power ---- dBm		Lower ACP Ratio -64.77 dB		
Tune Mode Auto/Manual	Input Port RF_In/Ant	AFGen1 Freq 1.0000 kHz	ACP Meas Ratio/Level	To Screen RF GEN RF ANL RF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT
Tune Freq 836.500000 MHz	Input Atten Auto/Hold 0 dB	AFGen1 To FM 8.00 kHz	Ch Offset 30.000 kHz	
TX Pwr Zero Zero	Ext TX Key On/Off	Carrier Ref Unmod/Mod	Channel BW 30.000 kHz	
			Res BW 300 Hz	More

HP 8921A Cell Site Test Set: 12/20/99 04:25:00 pm

ADJACENT CHANNEL POWER				
TX Frequency 836.500000 MHz		Upper ACP Ratio -71.86 dB		
TX Power ---- dBm		Lower ACP Ratio -72.13 dB		
Tune Mode Auto/Manual	Input Port RF_In/Ant	AFGen1 Freq 1.0000 kHz	ACP Meas Ratio/Level	To Screen RF GEN RF ANL RF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT
Tune Freq 836.500000 MHz	Input Atten Auto/Hold 0 dB	AFGen1 To FM 8.00 kHz	Ch Offset 60.000 kHz	
TX Pwr Zero Zero	Ext TX Key On/Off	Carrier Ref Unmod/Mod	Channel BW 30.000 kHz	
			Res BW 300 Hz	More

HP 8921A Cell Site Test Set: 12/20/99 04:25:00 pm

ADJACENT CHANNEL POWER				
TX Frequency MHz 836.500000		Upper ACP Ratio dB -72.96		
TX Power dBm -----		Lower ACP Ratio dB -73.05		
Tune Mode Auto/Manual	Input Port RF In/Ant	AFGen1 Frea 1.0000 kHz	ACP Meas Ratio/Level	To Screen RF GEN RF ANL AF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More
Tune Frea 836.500000 MHz	Input Atten Auto/Hold 0 dB	AFGen1 To FM 8.00 kHz	Ch Offset 30.000 kHz	
TX Pwr Zero Zero	Ext TX Key On/Off	Carrier Ref Unmod/Mod	Channel BW 30.000 kHz	
			Res BW 300 Hz	

HP 8921A Cell Site Test Set: 12/20/99 04:55:00 pm

RF GENERATOR				
TX Frequency MHz 824.000001		FM Deviation kHz 8.093		
TX Power dBm -----		RF Frea kHz 0.99997		
RF Gen Frea 824.000000 MHz	AFGen1 Frea 1.0000 kHz	AFGen2 Frea 1.0000 kHz	Mic Pre-Emph Auto/Hold On/Off	To Screen RF GEN RF ANL AF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More
Amplitude -40.0 dBm	AFGen1 To FM 8.00 kHz	AFGen2 To FM Off	Mod In To FM (Vpk) Off	
Atten Hold On/Off	FM Couplings AC/DC	Audio Out AC/DC		
Output Port RF Out/Out2	DC FM Zero			

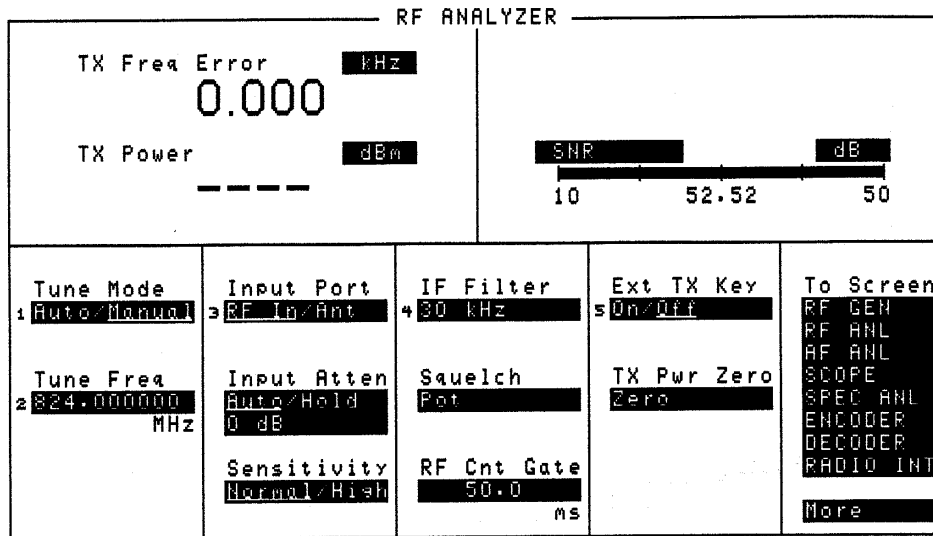
HP 8921A Cell Site Test Set: 12/20/99 04:56:00 pm

RF ANALYZER				
TX Freq Error kHz 0.000		FM Deviation kHz 8.108		
TX Power dBm -----		RF Freq kHz 0.99998		
Tune Mode 1 Auto/Manual	Input Port 3 RF In/Ant	IF Filter 4 30 kHz	Ext TX Key 5 On/Off	To Screen RF GEN RF ANL RF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More
Tune Freq 2 824.000000 MHz	Input Atten Auto/Hold 0 dB	Squelch Pot	TX Pwr Zero Zero	
	Sensitivity Normal/High	RF Cnt Gate 50.0 ms		

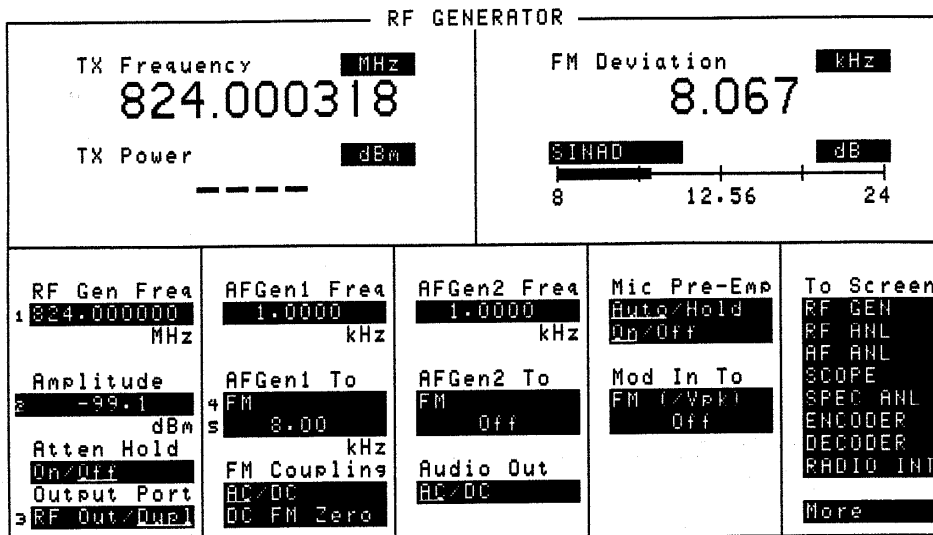
HP 8921A Cell Site Test Set: 12/20/99 04:57:00 pm

RF ANALYZER				
TX Freq Error kHz 0.000		FM Deviation kHz 8.109		
TX Power dBm -----		Distn % 0.4		
Tune Mode 1 Auto/Manual	Input Port 3 RF In/Ant	IF Filter 4 30 kHz	Ext TX Key 5 On/Off	To Screen RF GEN RF ANL RF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More
Tune Freq 2 824.000000 MHz	Input Atten Auto/Hold 0 dB	Squelch Pot	TX Pwr Zero Zero	
	Sensitivity Normal/High	RF Cnt Gate 50.0 ms		

HP 8921A Cell Site Test Set: 12/20/99 04:57:00 PM



HP 8921A Cell Site Test Set: 12/20/99 04:59:00 PM



HP 8921A Cell Site Test Set: 12/20/99 05:00:00 pm

ADJACENT CHANNEL POWER				
TX Frequency MHz 824.000001		Upper ACP Ratio dB -41.47		
TX Power dBm -----		Lower ACP Ratio dB -41.39		
Tune Mode Auto/Manual	Input Port RF In/Ant	AFGen1 Frea 1.0000 kHz	ACP Meas Ratio/Level	To Screen RF GEN
Tune Frea 1: 824.000000 MHz	Input Atten Auto/Hold	AFGen1 To FM	Ch Offset 4: 30.000 kHz	RF ANL
	0 dB	2: 8.00 kHz	Channel BW 5: 30.000 kHz	SCOPE
			Res BW 300 Hz	SPEC ANL
TX Pwr Zero Zero	Ext TX Key On/Off	Carrier Ref Unmod/Mod		ENCODER
				DECODER
				RADIO INT
				More

HP 8921A Cell Site Test Set: 12/20/99 05:00:00 pm

ADJACENT CHANNEL POWER				
TX Frequency MHz 824.000000		Upper ACP Ratio dB -54.98		
TX Power dBm -----		Lower ACP Ratio dB -54.67		
Tune Mode Auto/Manual	Input Port RF In/Ant	AFGen1 Frea 1.0000 kHz	ACP Meas Ratio/Level	To Screen RF GEN
Tune Frea 1: 824.000000 MHz	Input Atten Auto/Hold	AFGen1 To FM	Ch Offset 4: 60.000 kHz	RF ANL
	0 dB	2: 8.00 kHz	Channel BW 5: 30.000 kHz	RF ANL
			Res BW 300 Hz	SCOPE
TX Pwr Zero Zero	Ext TX Key On/Off	Carrier Ref Unmod/Mod		SPEC ANL
				ENCODER
				DECODER
				RADIO INT
				More

HP 8921A Cell Site Test Set: 12/20/99 05:00:00 pm

ADJACENT CHANNEL POWER				
TX Frequency MHz 823.999989		Upper ACP Ratio dB -60.97		
TX Power dBm -----		Lower ACP Ratio dB -60.90		
Tune Mode Auto/Manual	Input Port RF In/Ant	AFGen1 Freq 1.0000 kHz	ACP Meas Ratio/Level	To Screen RF GEN
Tune Freq 1 824.000000 MHz	Input Atten Auto/Hold 0 dB	AFGen1 To FM 8.00 kHz	Ch Offset 4 90.000 kHz	RF ANL
TX Pwr Zero Zero	Ext TX Key On/Off	Carrier Ref Unmod/Mod	Channel BW 5 30.000 kHz	RF ANL
			Res BW 300 Hz	SCOPE
				SPEC ANL
				ENCODER
				DECODER
				RADIO INT
				More

HP 8921A Cell Site Test Set: 12/20/99 04:28:00 pm

RF GENERATOR				
TX Frequency MHz 836.500000		FM Deviation kHz 8.111		
TX Power dBm -----		RF Freq kHz 0.99996		
RF Gen Freq 1 836.500000 MHz	AFGen1 Freq 1.0000 kHz	AFGen2 Freq 1.0000 kHz	Mic Pre-Emp Auto/Hold On/Off	To Screen RF GEN
Amplitude 2 -40.0 dBm	AFGen1 To 4 FM 8.00 kHz	AFGen2 To FM Off	Mod In To FM 1/Vpp Off	RF ANL
Atten Hold On/Off	FM Coupling AC/DC DC FM Zero	Audio Out AC/DC		SCOPE
Output Port 3 RF Out/Dupl				SPEC ANL
				ENCODER
				DECODER
				RADIO INT
				More

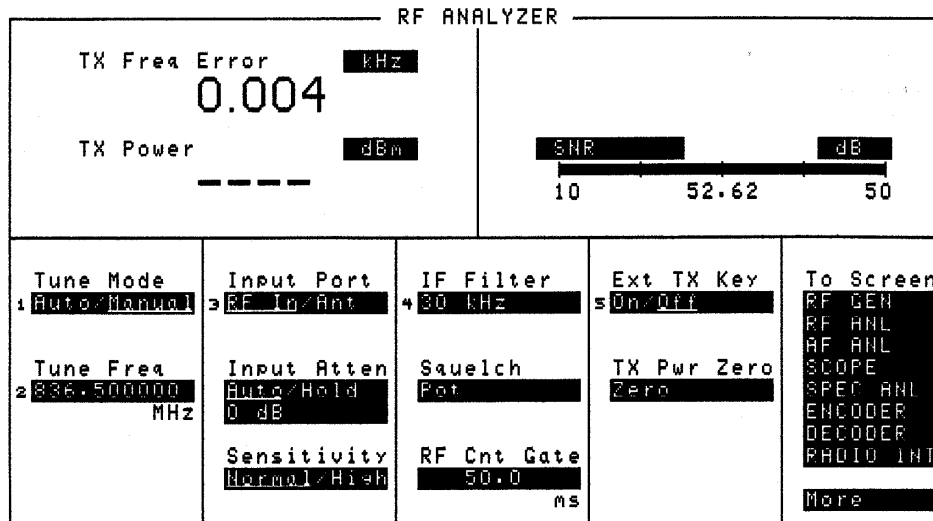
HP 8921A Cell Site Test Set: 12/20/99 04:29:00 pm

RF ANALYZER				
TX Freq Error kHz 0.000		FM Deviation kHz 8.112		
TX Power dBm -----		RF Freq kHz 0.99998		
Tune Mode 1 Auto/Manual	Input Port 3 RF In/Ant	IF Filter 4 30 kHz	Ext TX Key 5 On/Off	To Screen RF GEN RF ANL AF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More
Tune Freq 2 836.500000 MHz	Input Atten Auto/Hold 0 dB	Squelch Pot	TX Pwr Zero Zero	
	Sensitivity Normal/High	RF Cnt Gate 50.0 ms		

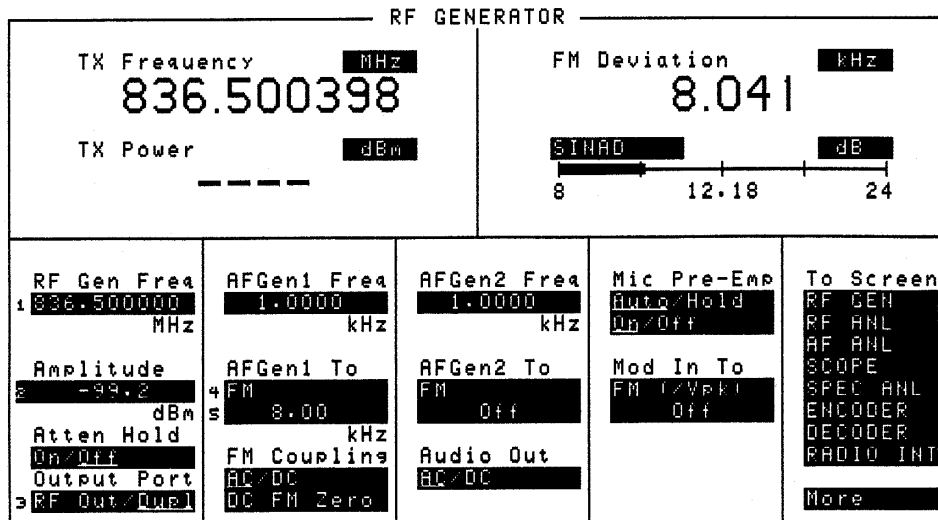
HP 8921A Cell Site Test Set: 12/20/99 04:29:00 pm

RF ANALYZER				
TX Freq Error kHz 0.000		FM Deviation kHz 8.112		
TX Power dBm -----		Distn % 0.4		
Tune Mode 1 Auto/Manual	Input Port 3 RF In/Ant	IF Filter 4 30 kHz	Ext TX Key 5 On/Off	To Screen RF GEN RF ANL AF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More
Tune Freq 2 836.500000 MHz	Input Atten Auto/Hold 0 dB	Squelch Pot	TX Pwr Zero Zero	
	Sensitivity Normal/High	RF Cnt Gate 50.0 ms		

HP 8921A Cell Site Test Set: 12/20/99 04:30:00 pm



HP 8921A Cell Site Test Set: 12/20/99 04:31:00 pm



HP 8921A Cell Site Test Set: 12/20/99 04:53:00 pm

ADJACENT CHANNEL POWER				
TX Frequency MHz 836.500000		Upper ACP Ratio dB -41.72		
TX Power dBm -----		Lower ACP Ratio dB -41.05		
Tune Mode <u>Auto/Manual</u>	Input Port <u>RF_In/Ant</u>	AFGen1 Freq <u>1.0000</u> kHz	ACP Meas <u>Ratio/Level</u>	To Screen RF GEN RF ANL AF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More
Tune Freq <u>836.500000</u> MHz	Input Atten <u>Auto/Hold</u> <u>0 dB</u>	AFGen1 To <u>FM</u> <u>8.00</u> kHz	Ch Offset <u>30.000</u> kHz	
TX Pwr Zero <u>Zero</u>	Ext TX Key <u>On/Off</u>	Carrier Ref <u>Unmod/Mod</u>	Channel BW <u>30.000</u> kHz Res BW <u>300 Hz</u>	

HP 8921A Cell Site Test Set: 12/20/99 04:53:00 pm

ADJACENT CHANNEL POWER				
TX Frequency MHz 836.500002		Upper ACP Ratio dB -54.30		
TX Power dBm -----		Lower ACP Ratio dB -54.51		
Tune Mode <u>Auto/Manual</u>	Input Port <u>RF_In/Ant</u>	AFGen1 Freq <u>1.0000</u> kHz	ACP Meas <u>Ratio/Level</u>	To Screen RF GEN RF ANL AF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More
Tune Freq <u>836.500000</u> MHz	Input Atten <u>Auto/Hold</u> <u>0 dB</u>	AFGen1 To <u>FM</u> <u>8.00</u> kHz	Ch Offset <u>60.000</u> kHz	
TX Pwr Zero <u>Zero</u>	Ext TX Key <u>On/Off</u>	Carrier Ref <u>Unmod/Mod</u>	Channel BW <u>30.000</u> kHz Res BW <u>300 Hz</u>	

HP 8921A Cell Site Test Set: 12/20/99 04:50:00 pm

ADJACENT CHANNEL POWER				
TX Frequency MHz 836.500001		Upper ACP Ratio dB -60.55		
TX Power dBm -----		Lower ACP Ratio dB -60.35		
Tune Mode Auto/Manual	Input Port RF In/Ant	AFGen1 Freq 1.0000 kHz	ACP Meas Ratio/Level	To Screen RF GEN
Tune Freq 836.500000 MHz	Input Atten Auto/Hold 0 dB	AFGen1 To FM 8.00 kHz	Ch Offset 90.000 kHz	RF ANL
TX Pur Zero Zero	Ext TX Key On/Off	Carrier Ref Unmod/Mod	Channel BW 30.000 kHz	SCOPE
			Res BW 300 Hz	SPEC ANL
				ENCODER
				DECODER
				RADIO INT
				More

HP 8921A Cell Site Test Set: 12/20/99 05:04:00 pm

RF GENERATOR				
TX Frequency MHz 849.000000		FM Deviation kHz 8.093		
TX Power dBm -----		AF Freq kHz 0.99998		
RF Gen Freq 849.000000 MHz	AFGen1 Freq 1.0000 kHz	AFGen2 Freq 1.0000 kHz	Mic Pre-Emp Auto/Hold On/Off	To Screen RF GEN
Amplitude -40.0 dBm	AFGen1 To FM 8.00 kHz	AFGen2 To FM Off	Mod In To FM (Vpk) Off	RF ANL
Atten Hold On/Off	FM Coupling AC/DC	Audio Out AC/DC		SCOPE
Output Port RF Out/Dual	DC FM Zero			SPEC ANL
				ENCODER
				DECODER
				RADIO INT
				More

RF ANALYZER				
TX Freq Error kHz		FM Deviation kHz		
0.001		8.109		
TX Power dBm		RF Freq. kHz		
-----		0.99997		
Tune Mode 1 Auto/Manual	Input Port RF In/Ant	IF Filter 30 kHz	Ext TX Key On/Off	To Screen RF GEN RF ANL AF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT
Tune Freq 2 849.000000 MHz	Input Atten Auto/Hold 0 dB	Squelch Pot	TX Pwr Zero Zero	More
	Sensitivity Normal/High	RF Cnt Gate 50.0 ms		

AMPS DOWN

HP 8921A Cell Site Test Set: 12/16/99 05:18:00 pm

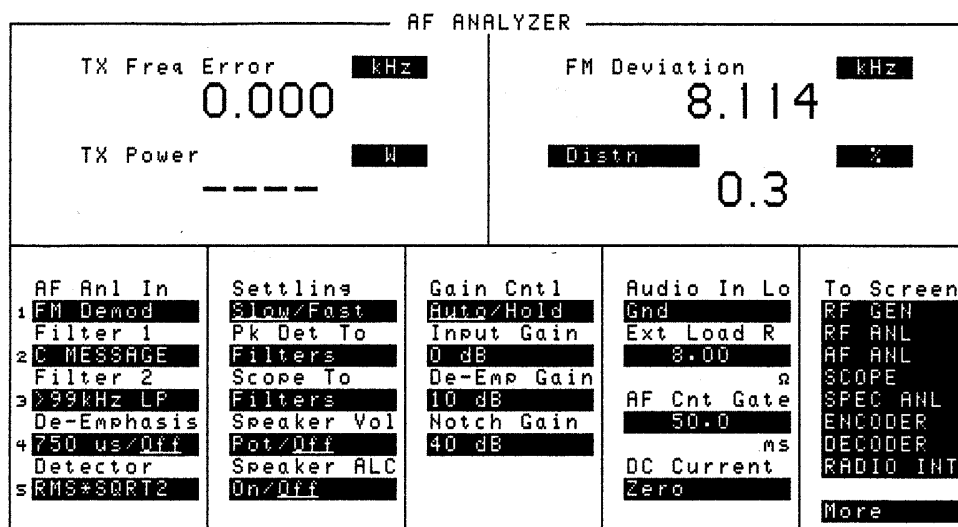
RF ANALYZER				
TX Frequency MHz 881.500000		FM Deviation kHz 8.114		
TX Power W -----		AF Freq kHz 0.99998		
Tune Mode 1 Auto/Manual	Input Port 3 RF In/Ant	IF Filter + 30 kHz	Ext TX Key s On/Off	To Screen RF GEN RF ANL AF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More
Tune Freq 2 881.500000 MHz	Input Atten Auto/Hold 40 dB	Squelch Pot	TX Pwr Zero Zero	
	Sensitivity Normal/High	RF Cnt Gate 50.0 ms		

HP 8921A Cell Site Test Set: 12/16/99 05:19:00 pm

RF ANALYZER				
TX Freq Error kHz 0.000		FM Deviation kHz 8.114		
TX Power W -----		AF Freq kHz 0.99997		
Tune Mode 1 Auto/Manual	Input Port 3 RF In/Ant	IF Filter + 30 kHz	Ext TX Key s On/Off	To Screen RF GEN RF ANL AF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More
Tune Freq 2 881.500000 MHz	Input Atten Auto/Hold 40 dB	Squelch Pot	TX Pwr Zero Zero	
	Sensitivity Normal/High	RF Cnt Gate 50.0 ms		

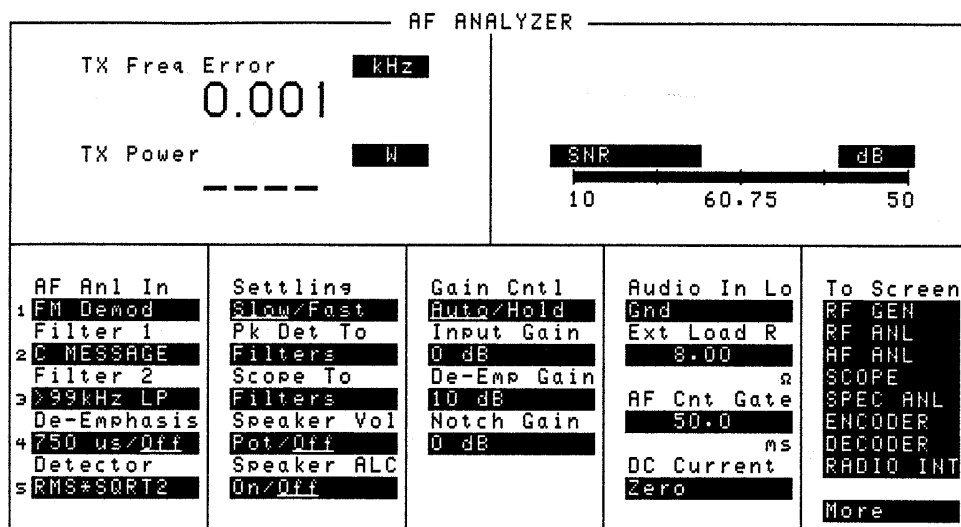
HP 8921A Cell Site Test Set: 12/16/99 05:39:00 pm

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HP 8921A Cell Site Test Set: 12/16/99 05:39:00 pm

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HP 8921A Cell Site Test Set: 12/16/99 06:29:00 pm

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ADJACENT CHANNEL POWER				
TX Frequency MHz 881.500000		Upper ACP Ratio dB -64.48		
TX Power dBm -0.78		Lower ACP Ratio dB -64.86		
Tune Mode Auto/Manual	Input Port RF_In/Ant	AFGen1 Frea 1.0000 kHz	ACP Meas Ratio/Level	To Screen RF GEN
Tune Frea 881.500000 MHz	Input Atten Auto/Hold	AFGen1 To FM	Ch Offset 30.000 kHz	RF ANL
TX Pwr Zero Zero	Ext TX Key On/Off	Carrier Ref Unmod/Mod	Channel BW 30.000 kHz	AF ANL
			Res BW 300 Hz	SCOPE
				SPEC ANL
				ENCODER
				DECODER
				RADIO INT
				More

HP 8921A Cell Site Test Set: 12/16/99 06:43:00 pm

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ADJACENT CHANNEL POWER				
TX Frequency MHz 881.500000		Upper ACP Ratio dB -70.80		
TX Power dBm -0.85		Lower ACP Ratio dB -71.01		
Tune Mode Auto/Manual	Input Port RF_In/Ant	AFGen1 Frea 1.0000 kHz	ACP Meas Ratio/Level	To Screen RF GEN
Tune Frea 881.500000 MHz	Input Atten Auto/Hold	AFGen1 To FM	Ch Offset 60.000 kHz	RF ANL
TX Pwr Zero Zero	Ext TX Key On/Off	Carrier Ref Unmod/Mod	Channel BW 30.000 kHz	AF ANL
			Res BW 300 Hz	SCOPE
				SPEC ANL
				ENCODER
				DECODER
				RADIO INT
				More

ADJACENT CHANNEL POWER

TX Frequency MHz 881.500000		Upper ACP Ratio dB -71.71		
TX Power dBm -0.80		Lower ACP Ratio dB -71.93		
Tune Mode Auto/Manual	Input Port RF In/Ant	AFGen1 Freq 1.0000 kHz	ACP Meas Ratio/Level	To Screen RF GEN RF ANL AF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More
Tune Freq 881.50000 MHz	Input Atten Auto/Hold 0 dB	AFGen1 To FM 8.00 kHz	Ch Offset 90.000 kHz	
TX Pwr Zero Zero	Ext TX Key On/Off	Carrier Ref Unmod/Mod	Channel BW 30.000 kHz Res BW 300 Hz	

RF GENERATOR

TX Frequency MHz 869.000000		FM Deviation kHz 8.106		
TX Power dBm 19.97		RF Freq kHz 0.99997		
RF Gen Freq 869.00000 MHz	AFGen1 Freq 1.0000 kHz	AFGen2 Freq 1.0000 kHz	Mic Pre-Emph Auto/Hold On/Off	To Screen RF GEN RF ANL AF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More
Amplitude -6.0 dBm	AFGen1 To FM 8.00 kHz	AFGen2 To FM Off	Mod In To FM (Vpk) Off	
Atten Hold On/Off	FM Coupling AC/DC	Audio Out AC/DC	Output Port RF Out/Out1	

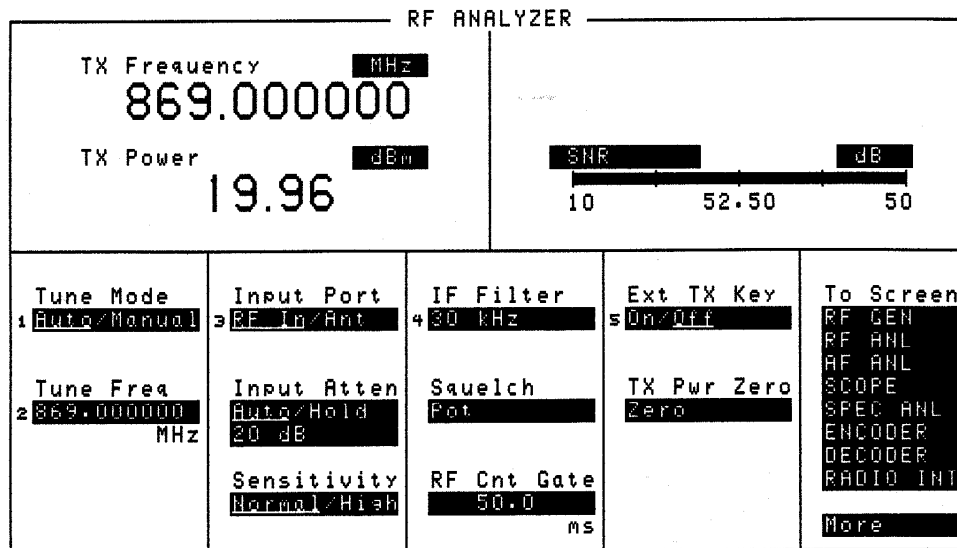
HP 8921A Cell Site Test Set: 12/20/99 02:03:00 pm

RF ANALYZER				
TX Freq Error kHz 0.000		FM Deviation kHz 8.106		
TX Power dBm 19.97		RF Freq kHz 0.99998		
Tune Mode 1 Auto/Manual	Input Port 3 RF Ig/Ant	IF Filter 4 30 kHz	Ext TX Key 5 On/Off	To Screen RF GEN RF ANL RF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More
Tune Freq 2 869.000000 MHz	Input Atten Auto/Hold 20 dB	Squelch Pot	TX Pwr Zero Zero	
	Sensitivity Normal/High	RF Cnt Gate 50.0 ms		

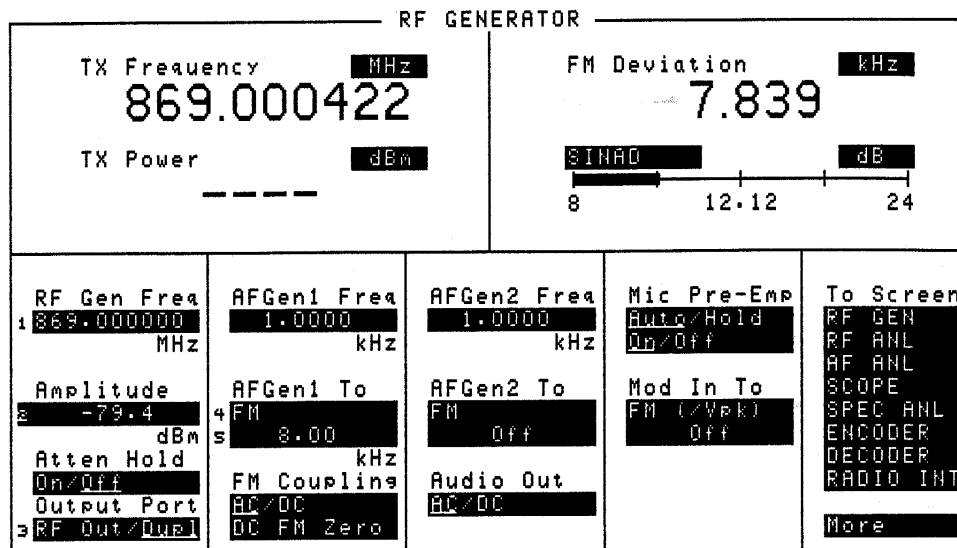
HP 8921A Cell Site Test Set: 12/20/99 02:04:00 pm

RF ANALYZER				
TX Frequency MHz 869.000000		FM Deviation kHz 8.106		
TX Power dBm 19.96		Distn % 0.4		
Tune Mode 1 Auto/Manual	Input Port 3 RF Ig/Ant	IF Filter 4 30 kHz	Ext TX Key 5 On/Off	To Screen RF GEN RF ANL RF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More
Tune Freq 2 869.000000 MHz	Input Atten Auto/Hold 20 dB	Squelch Pot	TX Pwr Zero Zero	
	Sensitivity Normal/High	RF Cnt Gate 50.0 ms		

HP 8921A Cell Site Test Set: 12/20/99 02:05:00 pm



HP 8921A Cell Site Test Set: 12/20/99 02:08:00 pm



HP 8921A Cell Site Test Set: 12/20/99 02:11:00 PM

ADJACENT CHANNEL POWER				
TX Frequency MHz 869.000014		Upper ACP Ratio dB -40.84		
TX Power dBm 19.19		Lower ACP Ratio dB -39.93		
Tune Mode Auto/Manual	Input Port RF In/Ant	AFGen1 Frea 1.0000 kHz	ACP Meas Ratio/Level	To Screen RF GEN
Tune Freq 869.000000 MHz	Input Atten Auto/Hold 20 dB	AFGen1 To FM 8.00 kHz	Ch Offset 30.000 kHz	RF ANL
TX Pur Zero Zero	Ext TX Key On/Off	Carrier Ref Unmod/Mod	Channel BW 30.000 kHz	SCOPE
			Res BW 300 Hz	SPEC ANL
				ENCODER
				DECODER
				RADIO INT
				None

HP 8921A Cell Site Test Set: 12/20/99 02:12:00 PM

ADJACENT CHANNEL POWER				
TX Frequency MHz 869.000000		Upper ACP Ratio dB -54.34		
TX Power dBm 19.18		Lower ACP Ratio dB -54.21		
Tune Mode Auto/Manual	Input Port RF In/Ant	AFGen1 Frea 1.0000 kHz	ACP Meas Ratio/Level	To Screen RF GEN
Tune Freq 869.000000 MHz	Input Atten Auto/Hold 20 dB	AFGen1 To FM 8.00 kHz	Ch Offset 60.000 kHz	RF ANL
TX Pur Zero Zero	Ext TX Key On/Off	Carrier Ref Unmod/Mod	Channel BW 30.000 kHz	SCOPE
			Res BW 300 Hz	SPEC ANL
				ENCODER
				DECODER
				RADIO INT
				None

HP 8921A Cell Site Test Set: 12/20/99 02:12:00 pm

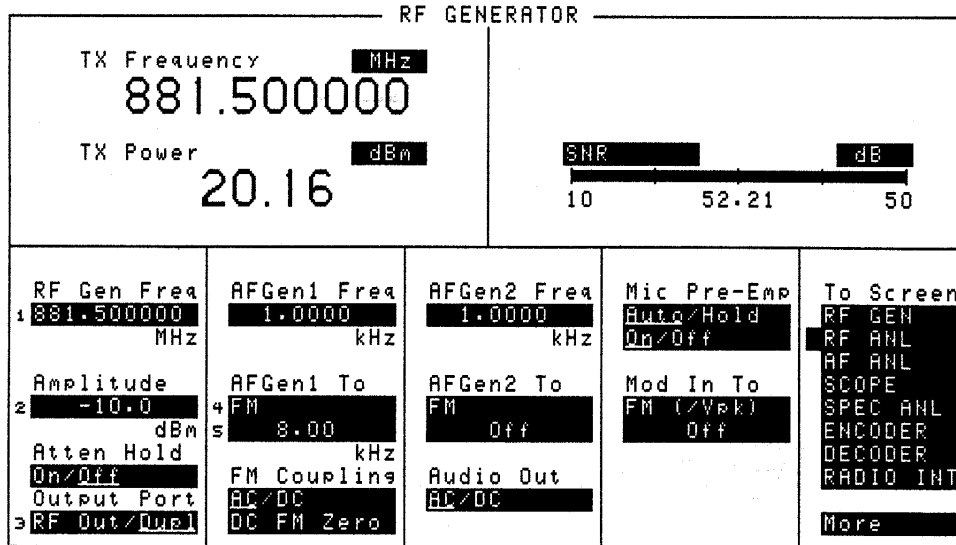
ADJACENT CHANNEL POWER				
TX Frequency MHz 868.999998		Upper ACP Ratio dB -60.65		
TX Power dBm 19.18		Lower ACP Ratio dB -60.36		
Tune Mode Auto/Manual	Input Port RF In/Ant	AFGen1 Frea 1.0000 kHz	ACP Meas Ratio/Level	To Screen RF GEN
Tune Freq 868.000000 MHz	Input Atten Auto/Hold 20 dB	AFGen1 To FM 8.00 kHz	Ch Offset + 30.000 kHz	RF ANL
TX Pwr Zero Zero	Ext TX Key On/Off	Carrier Ref Unmod/Mod	Channel BW S 30.000 kHz	AF ANL
			Res BW 300 Hz	SCOPE
				SPEC ANL
				ENCODER
				DECODER
				RADIO INT
				More

HP 8921A Cell Site Test Set: 12/16/99 06:50:00 pm

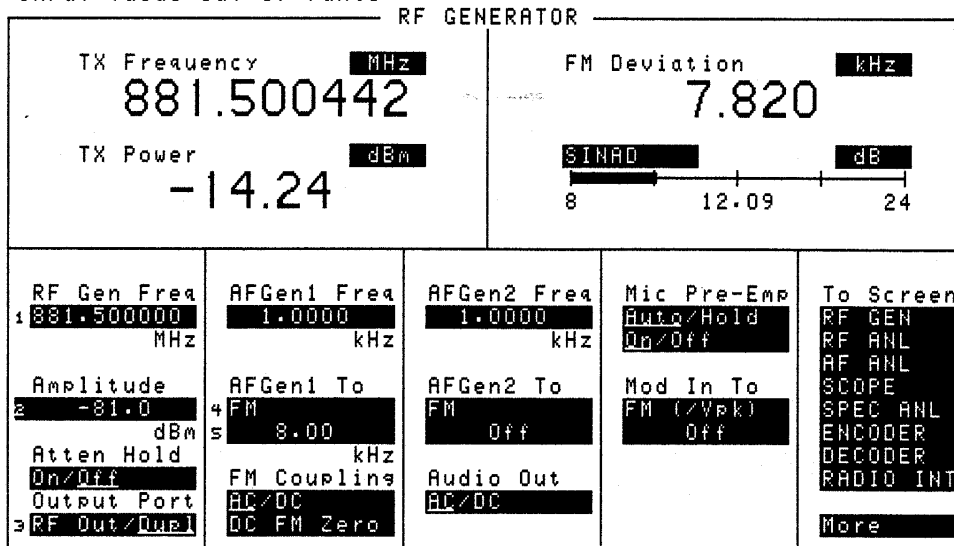
AF ANALYZER				
TX Frequency MHz 881.499999		FM Deviation kHz 8.097		
TX Power dBm 20.16		AF Freq kHz 0.99997		
AF Anl In 1 FM Demod	Settling Slow/Fast	Gain Cntl Auto/Hold	Audio In Lo Gnd	To Screen RF GEN
Filter 1	Pk Det To	Input Gain	Ext Load R	RF ANL
2 C MESSAGE	Filters	20 dB	8.00	AF ANL
Filter 2	Scope To	De-Emph Gain	AF Cnt Gate	SCOPE
3 >99kHz LP	Filters	0 dB	50.0 ms	SPEC ANL
De-Emphasis	Speaker Vol	Notch Gain	DC Current	ENCODER
4 750 us/Off	Pot/Off	0 dB	Zero	DECODER
Detector	Speaker ALC			RADIO INT
5 RMS+SQRT2	On/Off			More

RF ANALYZER				
TX Freq Error kHz 0.000		FM Deviation kHz 8.097		
TX Power dBm 20.13		AF Freq kHz 0.99998		
Tune Mode 1 Auto/Manual	Input Port 2 RF In/Ant	IF Filter 4 30 kHz	Ext TX Key 5 On/Off	To Screen RF GEN RF ANL AF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More
Tune Freq 2 881.500000 MHz	Input Atten Auto/Hold 20 dB	Squelch Pot	TX Pwr Zero Zero	
	Sensitivity Normal/High	RF Cnt Gate 50.0 ms		

RF ANALYZER				
TX Frequency MHz 881.500000		FM Deviation kHz 8.097		
TX Power dBm 20.13		Distn % 0.4		
AF Anl In 1 FM Demod	Settling Slow/Fast	Gain Cntl Auto/Hold	Audio In Lo Gnd	To Screen RF GEN RF ANL AF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More
Filter 1	Pk Det To	Input Gain	Ext Load R	
2 C MESSAGE	Filters	20 dB	8.00	
Filter 2	Scope To	De-Emp Gain	AF Cnt Gate	
3 99kHz LP	Filters	0 dB	50.0 ms	
De-Emphasis	Speaker Vol	Notch Gain	DC Current	
4 750 us/Off	Pot/Off	30 dB	Zero	
Detector	Speaker ALC			
5 RMS*SQRT2	On/Off			



Input value out of range.



ADJACENT CHANNEL POWER				
TX Frequency 881.500000 MHz		Upper ACP Ratio -40.92 dB		
TX Power 20.05 dBm		Lower ACP Ratio -41.14 dB		
Tune Mode Auto/Manual	Input Port RF In/Ant	AFGen1 Freq 1.0000 kHz	ACP Meas Ratio/Level	To Screen RF GEN
Tune Freq 1 881.500000 MHz	Input Atten Auto/Hold 20 dB	AFGen1 To FM 2 8.00 kHz	Ch Offset 4 30.000 kHz	RF ANL
TX Pwr Zero Zero	Ext TX Key On/Off	Carrier Ref Unmod/Mod	Channel BW 5 30.000 kHz	RF ANL
			Res BW 300 Hz	SCOPE
				SPEC ANL
				ENCODER
				DECODER
				RADIO INT
				None

ADJACENT CHANNEL POWER				
TX Frequency 881.500000 MHz		Upper ACP Ratio -53.96 dB		
TX Power 20.05 dBm		Lower ACP Ratio -54.66 dB		
Tune Mode Auto/Manual	Input Port RF In/Ant	AFGen1 Freq 1.0000 kHz	ACP Meas Ratio/Level	To Screen RF GEN
Tune Freq 1 881.500000 MHz	Input Atten Auto/Hold 20 dB	AFGen1 To FM 2 8.00 kHz	Ch Offset 4 60.000 kHz	RF ANL
TX Pwr Zero Zero	Ext TX Key On/Off	Carrier Ref Unmod/Mod	Channel BW 5 30.000 kHz	RF ANL
			Res BW 300 Hz	SCOPE
				SPEC ANL
				ENCODER
				DECODER
				RADIO INT
				None

ADJACENT CHANNEL POWER

TX Frequency 881.500000 MHz TX Power 20.03 dBm		Upper ACP Ratio -60.75 dB Lower ACP Ratio -61.24 dB		
Tune Mode Auto/Manual	Input Port RF In/Ant	AFGen1 Freq 1.0000 kHz	ACP Meas Ratio/Level	To Screen RF GEN RF ANL RF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More
Tune Freq 1 881.500000 MHz	Input Atten Auto/Hold 20 dB	AFGen1 To FM 8.00 kHz	Ch Offset 90.000 kHz	
TX Pwr Zero Zero	Ext TX Key On/Off	Carrier Ref Unmod/Mod	Channel BW 30.000 kHz Res BW 300 Hz	

RF GENERATOR

TX Frequency 894.000000 MHz TX Power 19.92 dBm		FM Deviation 8.110 kHz AF Freq 0.99998 kHz		
RF Gen Freq 1 894.000000 MHz	AFGen1 Freq 1.0000 kHz	AFGen2 Freq 1.0000 kHz	Mic Pre-Emph Auto/Hold On/Off	To Screen RF GEN RF ANL RF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More
Amplitude 2 -6.0 dBm	AFGen1 To 4 FM 8.00 kHz	AFGen2 To FM Off	Mod In To FM (Vpk) Off	
Atten Hold On/Off Output Port 3 RF Out/Out1	FM Couplings AC/DC DC FM Zero	Audio Out AC/DC		

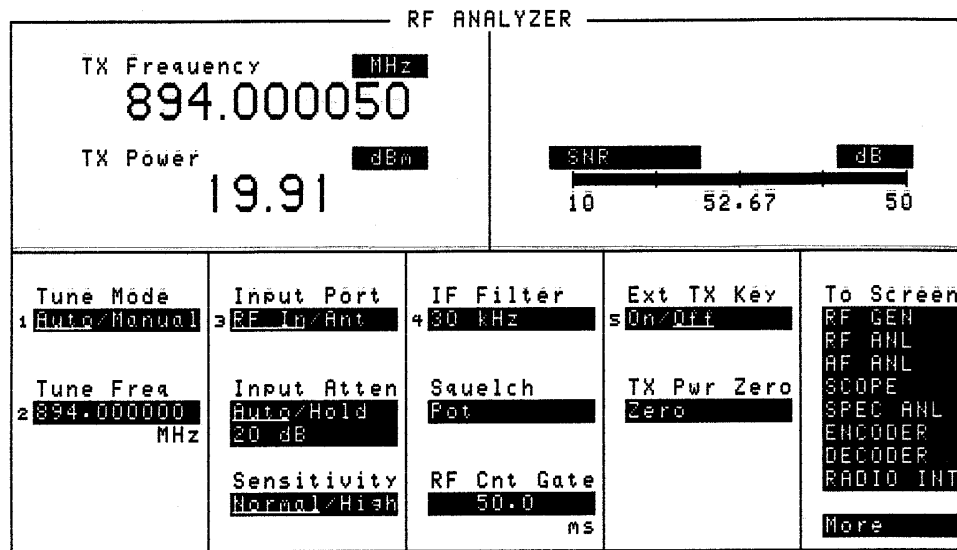
HP 8921A Cell Site Test Set: 12/20/99 02:15:00 pm

RF ANALYZER				
TX Freq Error kHz 0.000		FM Deviation kHz 8.109		
TX Power dBm 19.92		RF Freq kHz 0.99996		
Tune Mode 1 Auto/Manual	Input Port 3 RF Ig/Ant	IF Filter 4 30 kHz	Ext TX Key 5 On/Off	To Screen RF GEN RF ANL AF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More
Tune Freq 2 894.000000 MHz	Input Atten Auto/Hold 20 dB	Squelch Pot	TX Pwr Zero Zero	
	Sensitivity Normal/High	RF Cnt Gate 50.0 ms		

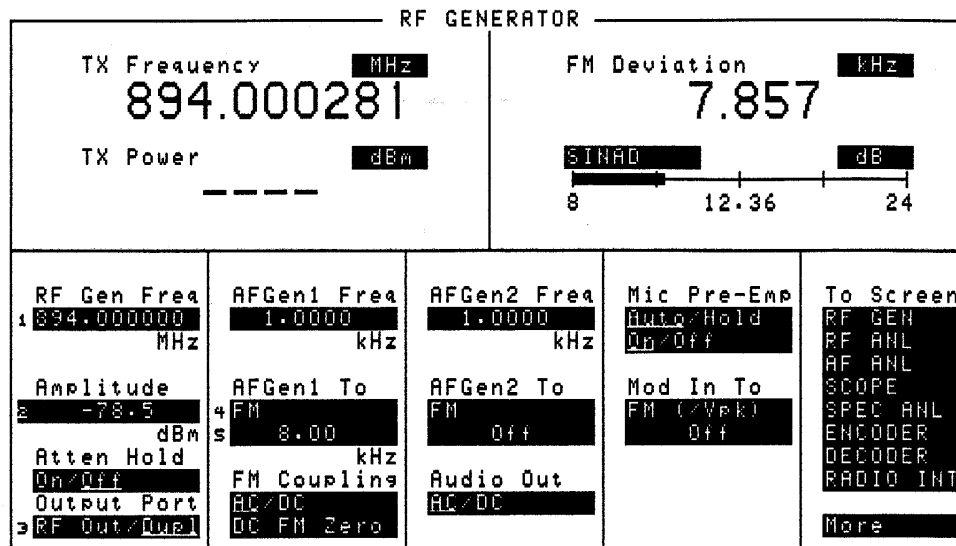
HP 8921A Cell Site Test Set: 12/20/99 02:15:00 pm

RF ANALYZER				
TX Frequency MHz 894.000000		FM Deviation kHz 8.110		
TX Power dBm 19.91		Distn % 0.4		
Tune Mode 1 Auto/Manual	Input Port 3 RF Ig/Ant	IF Filter 4 30 kHz	Ext TX Key 5 On/Off	To Screen RF GEN RF ANL AF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More
Tune Freq 2 894.000000 MHz	Input Atten Auto/Hold 20 dB	Squelch Pot	TX Pwr Zero Zero	
	Sensitivity Normal/High	RF Cnt Gate 50.0 ms		

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HP 8921A Cell Site Test Set: 12/20/99 02:18:00 pm



HP 8921A Cell Site Test Set: 12/20/99 02:20:00 PM

ADJACENT CHANNEL POWER				
TX Frequency MHz 894.000000		Upper ACP Ratio dB -40.00		
TX Power dBm 19.91		Lower ACP Ratio dB -40.73		
Tune Mode Auto/Manual	Input Port RF In/Ant	AFGen1 Freq 1.0000 kHz	ACP Meas Ratio/Level	To Screen RF GEN RF ANL RF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More
Tune Freq 894.000000 MHz	Input Atten Auto/Hold 20 dB	AFGen1 To FM 8.00 kHz	Ch Offset + 30.000 kHz	
TX Pwr Zero Zero	Ext TX Key On/Off	Carrier Ref Unmod/Mod	Channel BW 30.000 kHz	
			Res BW 300 Hz	

HP 8921A Cell Site Test Set: 12/20/99 02:19:00 PM

ADJACENT CHANNEL POWER				
TX Frequency MHz 894.000000		Upper ACP Ratio dB -54.97		
TX Power dBm 19.91		Lower ACP Ratio dB -54.87		
Tune Mode Auto/Manual	Input Port RF In/Ant	AFGen1 Freq 1.0000 kHz	ACP Meas Ratio/Level	To Screen RF GEN RF ANL RF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More
Tune Freq 894.000000 MHz	Input Atten Auto/Hold 20 dB	AFGen1 To FM 8.00 kHz	Ch Offset + 30.000 kHz	
TX Pwr Zero Zero	Ext TX Key On/Off	Carrier Ref Unmod/Mod	Channel BW 30.000 kHz	
			Res BW 300 Hz	

ADJACENT CHANNEL POWER				
TX Frequency MHz		Upper ACP Ratio dB		
894.000001		-61.35		
TX Power dBm		Lower ACP Ratio dB		
19.91		-61.51		
Tune Mode Auto/Manual	Input Port RF In/Ant	RFGen1 Freq 1.0000 kHz	ACP Meas Ratio/Level	To Screen RF GEN
Tune Freq 1 894.000000 MHz	Input Atten Auto/Hold 20 dB	RFGen1 To FM 8.00 kHz	Ch Offset + 90.000 kHz	RF ANL
TX Pwr Zero Zero	Ext TX Key On/Off	Carrier Ref Unmod/Mod	Channel BW s 30.000 kHz	RF ANL
			Res BW 300 Hz	SCOPE
				SPEC ANL
				ENCODER
				DECODER
				RADIO INT
				More