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| whistle interference, tuning tests, Receivers, A-M, types of (Chapter 34) crystal, references, regenerative, see also under individual stages (R-F amplifiers, etc.). superheterodyne, communication—see under Receivers, communication. double frequency changer, reflex, superregenerative, synchrodyne, tuned radio frequency, reflex, use of reflex detector in high fidelity, volume control circuit, tuning methods, Receivers, battery a-f response, converter problems, design of, end-of-battery-life tests, feedback, negative current, | 1304-1305 1312 1223-1227 1223 1227 1223 1225-1226 1225-1226 1253 1140-1146 1087, 1224 1226-1227 124, 1256 1146 1086 1257 913 1236 1246-1248 1268-1274 1313 1236 | i-f amplifiers in, 1022 tracing regeneration in, i-f transformers in, limiters, amplitude, applications of, muting in, oscillator design, phase discriminator in, references, r-f amplifiers in, superregenerative detectors in, tests and measurements—see below. tuning indicators for, Receivers, F-M, tests and measure- ments, a.v.c. characteristic, definitions, distortion, harmonic, maximum-deviation distortion, downward modulation, frequency drift, hum, low frequency instability, maximum undistorted output, | 2, 1024-1025, 1290-1292, 1294-1295 1290-1291 1024-1025, 1037-1041 1147-1150 1023, 1040, 1088, 1099, 1095, 1098, 1099 1128-1130 947-961, 1289-1290 1088-1095 1296 915-946, 1287-1289 1087 1135-1136 1314-1320 1307, 1318 1314-1315 1306, 1318 1320 1310, 1319 1309-1310, 1319 1309-1310, 1319 1306, 1318 |
| whistle interference, tuning tests, Receivers, A-M, types of (Chapter 34) crystal, references, regenerative, see also under individual stages (R-F amplifiers, etc.). superheterodyne, communication—see under Receivers, communication. double frequency changer, reflex, superregenerative, synchrodyne, tuned radio frequency, reflex, use of reflex detector in high fidelity, volume control circuit, tuning methods, Receivers, battery a-f response, converter problems, design of, end-of-battery-life tests, feedback, negative current, instability in. | 1304-1305 1312 1223-1227 1223 1227 1223 1227 1223 1225-1226 1253 1140-1146 1087, 1224 1226-1227 124, 1256 146 1086 1257 913 1236 1246-1248 1268-1274 1313 | i-f amplifiers in, 1022 tracing regeneration in, i-f transformers in, limiters, amplitude, applications of, muting in, oscillator design, phase discriminator in, references, r-f amplifiers in, superregenerative detectors in, tests and measurements—see below. tuning indicators for, Receivers, F-M, tests and measure- ments, a.v.c. characteristic, definitions, distortion, harmonic, maximum-deviation distortion, downward modulation, frequency drift, hum, low frequency instability, maximum undistorted output, mistuning, | 2, 1024-1025, 1290-1292, 1294-1295 1290-1291 1024-1025, 1037-1041 1147-1150 1023, 1040, 1088, 1090, 1095, 1098, 1099 1128-1130 947-961, 1289-1290 1088-1095 1296 915-946, 1287-1289 1087 1135-1136 1314-1315 1306, 1318 1314-1315 1306, 1318 1320 1307, 1319 1309-1310, 1319 1309-1310, 1319 1306, 1318 1306, 1318 1319-1320 1306, 1318 1306, 1318 1306, 1318 1306, 1318 1306, 1318 13006, 1318 13006, 1318 13006, 1318 13006, 1318 13006, 1318 1320 1306, 1318 1320 1306, 1318 1320 |
| whistle interference, tuning tests, Receivers, A-M, types of (Chapter 34) crystal, references, regenerative, see also under individual stages (R-F amplifiers, etc.). superheterodyne, communication—see under Receivers, communication. double frequency changer, reflex, superregenerative, synchrodyne, tuned radio frequency, reflex, use of reflex detector in high fidelity, volume control circuit, tuning methods, Receivers, battery a-f response, converter problems, design of, end-of-battery-life tests, feedback, negative current, instability in, loudspeaker, combination horn and | 1304-1305 1312 1223-1227 1223 1227 1223 1225-1226 1225-1226 1253 1140-1146 1087, 1224 1226-1227 1215, 1224, 1256 1146 1086 1257 913 1236 1246-1248 1268-1274 1313 1236 1243-1244 | i-f amplifiers in, 1022 tracing regeneration in, i-f transformers in, limiters, amplitude, applications of, muting in, oscillator design, phase discriminator in, references, r-f amplifiers in, superregenerative detectors in, tests and measurements—see below. tuning indicators for, Receivers, F-M, tests and measure- ments, a.v.c. characteristic, definitions, distortion, harmonic, maximum-deviation distortion, downward modulation, frequency drift, hum, low frequency instability, maximum undistorted output, mistuning, noise audibility, | 2, 1024-1025, 1290-1292, 1294-1295 1290-1291 1024-1025, 1037-1041 1147-1150 1023, 1040, 1088, 1090, 1095, 1098, 1099 1128-1130 947-961, 1289-1290 1088-1095 1296 915-946, 1287-1289 1087 1135-1136 1314-1320 1307, 1318 1314-1315 1306, 1318 1318 1320 1310, 1319 1309-1310, 1319 1309-1310, 1319 1309-1310, 1319 1319-1320 1306, 1318 1320 1310, 1319 1319-1320 1306, 1318 1320 1310-1311, 1319 |
| whistle interference, tuning tests, Receivers, A-M, types of (Chapter 34) crystal, references, regenerative, see also under individual stages (R-F amplifiers, etc.). superheterodyne, communication—see under Receivers, communication. double frequency changer, reflex, superregenerative, synchrodyne, tuned radio frequency, reflex, use of reflex detector in high fidelity, volume control circuit, tuning methods, Receivers, battery a-f response, converter problems, design of, end-of-battery-life tests, feedback, negative current, instability in, loudspeaker, combination horn and phase inverter, for personal portables, | 1304-1305 1312 1223-1227 1223 1227 1223 1227 1223 1225-1226 1253 1140-1146 1087, 1224 1226-1227 124, 1256 1146 1086 1257 913 1236 1246-1248 1268-1274 1313 1236 1243-1244 859 | i-f amplifiers in, 1022 tracing regeneration in, i-f transformers in, limiters, amplitude, applications of, muting in, oscillator design, phase discriminator in, references, r-f amplifiers in, superregenerative detectors in, tests and measurements—see below. tuning indicators for, Receivers, F-M, tests and measure- ments, a.v.c. characteristic, definitions, distortion, harmonic, maximum-deviation distortion, downward modulation, frequency drift, hum, low frequency instability, maximum undistorted output, mistuning, noise audibility, operating conditions, | 2, 1024-1025, 1290-1292, 1294-1295 1290-1291 1024-1025, 1037-1041 1147-1150 1023, 1040, 1088, 1090, 1095, 1098, 1099 1128-1130 947-961, 1289-1290 1088-1095 1296 915-946, 1287-1289 1087 1135-1136 1314-1320 1307, 1318 1314-1315 1306, 1318 1318 1319 1309-1310, 1319 1309-1310, 1319 1309-1311, 1319 1300-1301, 1316 1300-1301, 1316 |
| whistle interference, tuning tests, Receivers, A-M, types of (Chapter 34) crystal, references, regenerative, see also under individual stages (R-F amplifiers, etc.). superheterodyne, communication—see under Receivers, communication. double frequency changer, reflex, superregenerative, synchrodyne, tuned radio frequency, reflex, use of reflex detector in high fidelity, volume control circuit, tuning methods, Receivers, battery a-f response, converter problems, design of, end-of-battery-life tests, feedback, negative current, instability in, loudspeaker, combination horn and phase inverter, for personal portables, operation with reduced battery voltages, | 1304-1305 1312 1223-1227 1223 1227 1223 1227 1223 1225-1226 125-1226 125-1226 140-1146 1087, 1224 1226-1227 124, 1256 146 1086 1257 913 1236 1246-1248 1268-1274 1313 1236 1243-1244 | i-f amplifiers in, 1022 tracing regeneration in, i-f transformers in, limiters, amplitude, applications of, muting in, oscillator design, phase discriminator in, references, r-f amplifiers in, superregenerative detectors in, tests and measurements—see below. tuning indicators for, Receivers, F-M, tests and measure- ments, a.v.c. characteristic, definitions, distortion, harmonic, maximum-deviation distortion, downward modulation, frequency drift, hum, low frequency instability, maximum undistorted output, mistuning, noise audibility, operating conditions, input measurements, | 2, 1024-1025, 1290-1292, 1294-1295 1290-1291 1024-1025, 1037-1041 1147-1150 1023, 1040, 1088, 1099, 1095, 1098, 1099 1128-1130 947-961, 1289-1290 1088-1095 1296 915-946, 1287-1289 1087 1135-1136 1314-1320 1307, 1318 1314-1315 1306, 1318 1319 1309-1310, 1319 1309-1310, 1319 1309-1311, 1319 1300-1301, 1319 1300-1301, 1319 1300-1301, 1316 1316 |
| whistle interference, tuning tests, Receivers, A-M, types of (Chapter 34) crystal, references, regenerative, see also under individual stages (R-F amplifiers, etc.). superheterodyne, communication—see under Receivers, communication. double frequency changer, reflex, superregenerative, synchrodyne, tuned radio frequency, reflex, use of reflex detector in high fidelity, volume control circuit, tuning methods, Receivers, battery a-f response, converter problems, design of, end-of-battery-life tests, feedback, negative current, instability in, loudspeaker, combination horn and phase inverter, for personal portables, operation with reduced battery voltages, portable, | 1304-1305 1312 1223-1227 1223 1227 1223 1227 1223 1225-1226 1253 1140-1146 1087, 1224 1226-1227 -915, 1224, 1256 1146 1086 1257 913 1236 1246-1248 1268-1274 1313 1236 1243-1244 859 1247 1021, 1115 | i-f amplifiers in, 1022 tracing regeneration in, i-f transformers in, limiters, amplitude, applications of, muting in, oscillator design, phase discriminator in, references, r-f amplifiers in, superregenerative detectors in, tests and measurements—see below. tuning indicators for, Receivers, F-M, tests and measure- ments, a.v.c. characteristic, definitions, distortion, harmonic, maximum-deviation distortion, downward modulation, frequency drift, hum, low frequency instability, maximum undistorted output, mistuning, noise audibility, operating conditions, | 2, 1024-1025, 1290-1292, 1294-1295 1290-1291 1024-1025, 1037-1041 1147-1150 1023, 1040, 1088, 1090, 1095, 1098, 1099 1128-1130 947-961, 1289-1290 1088-1095 1296 915-946, 1287-1289 1087 1135-1136 1314-1320 1307, 1318 1314-1315 1306, 1318 1318 1319 1309-1310, 1319 1309-1310, 1319 1309-1311, 1319 1300-1301, 1316 1300-1301, 1316 |
| whistle interference, tuning tests, Receivers, A-M, types of (Chapter 34) crystal, references, regenerative, see also under individual stages (R-F amplifiers, etc.). superheterodyne, communication—see under Receivers, communication. double frequency changer, reflex, superregenerative, synchrodyne, tuned radio frequency, reflex, use of reflex detector in high fidelity, volume control circuit, tuning methods, Receivers, battery a-f response, converter problems, design of, end-of-battery-life tests, feedback, negative current, instability in, loudspeaker, combination horn and phase inverter, for personal portables, operation with reduced battery voltages, | 1304-1305 1312 1223-1227 1223 1227 1223 1227 1223 1225-1226 125-1226 125-1226 140-1146 1087, 1224 1226-1227 124, 1256 146 1086 1257 913 1236 1246-1248 1268-1274 1313 1236 1243-1244 | i-f amplifiers in, 1022 tracing regeneration in, i-f transformers in, limiters, amplitude, applications of, muting in, oscillator design, phase discriminator in, references, r-f amplifiers in, superregenerative detectors in, tests and measurements—see below. tuning indicators for, Receivers, F-M, tests and measure- ments, a.v.c. characteristic, definitions, distortion, harmonic, maximum-deviation distortion, downward modulation, frequency drift, hum, low frequency instability, maximum undistorted output, mistuning, noise audibility, operating conditions, input measurements, output measurements, | 2, 1024-1025, 1290-1292, 1294-1295 1290-1291 1024-1025, 1037-1041 1147-1150 1023, 1040, 1088, 1090, 1095, 1098, 1099 1128-1130 947-961, 1289-1290 1088-1095 1296 915-946, 1287-1289 1087 1135-1136 1314-1315 1306, 1318 1314-1315 1306, 1318 1319 1309-1310, 1319 1309-1310, 1319 1300-1301, 1319 1300-1301, 1316 1300, 1316 1300, 1316 |
| whistle interference, tuning tests, Receivers, A-M, types of (Chapter 34) crystal, references, regenerative, see also under individual stages (R-F amplifiers, etc.). superheterodyne, communication—see under Receivers, communication. double frequency changer, reflex, superregenerative, synchrodyne, tuned radio frequency, reflex, use of reflex detector in high fidelity, volume control circuit, tuning methods, Receivers, battery a-f response, converter problems, design of, end-of-battery-life tests, feedback, negative current, instability in, loudspeaker, combination horn and phase inverter, for personal portables, operation with reduced battery voltages, portable, series filament operation, tests, Receivers, car (automobile) | 1304-1305 1312 1223-1227 1223 1227 1223 1227 1223 1225-1226 125-1226 125-1226 126-1227 127-915, 1224, 1256 146-1086 1257 913 1236 1246-1248 1268-1274 1313 1236 1243-1244 859 1247 1021, 1115 1115, 1250 1301, 1313 | i-f amplifiers in, 1022 tracing regeneration in, i-f transformers in, limiters, amplitude, applications of, muting in, oscillator design, phase discriminator in, references, r-f amplifiers in, superregenerative detectors in, tests and measurements—see below. tuning indicators for, Receivers, F-M, tests and measure- ments, a.v.c. characteristic, definitions, distortion, harmonic, maximum-deviation distortion, downward modulation, frequency drift, hum, low frequency instability, maximum undistorted output, mistuning, noise audibility, operating conditions, input measurements, output measurements, radiation from local oscillator, receiver adjustments, references, | 2, 1024-1025, 1290-1292, 1294-1295 1290-1291 1024-1025, 1037-1041 1147-1150 1023, 1040, 1088, 1090, 1095, 1098, 1099 1128-1130 947-961, 1289-1290 1088-1095 1296 915-946, 1287-1289 1087 1135-1136 1314-1315 1306, 1318 1314-1315 1306, 1318 1319 1309-1310, 1319 1309-1310, 1319 1309-1310, 1319 1300-1301, 1316 1300, 1316 1310, 1316 1310, 1316 1310, 1316 1310, 1316 1311, 1320 |
| whistle interference, tuning tests, Receivers, A-M, types of (Chapter 34) crystal, references, regenerative, see also under individual stages (R-F amplifiers, etc.). superheterodyne, communication—see under Receivers, communication. double frequency changer, reflex, superregenerative, synchrodyne, tuned radio frequency, reflex, use of reflex detector in high fidelity, volume control circuit, tuning methods, Receivers, battery a-f response, converter problems, design of, end-of-battery-life tests, feedback, negative current, instability in, loudspeaker, combination horn and phase inverter, for personal portables, operation with reduced battery voltages, portable, series filament operation, tests, Receivers, car (automobile) battery voltage variations, | 1304-1305 1312 1223-1227 1223 1227 1223 1227 1223 1225-1226 1253 1140-1146 1087, 1224 1226-1227 1215, 1224, 1256 1146 1086 1257 913 1236 1246-1248 1268-1274 1313 1236 1243-1244 859 1247 1021, 1115 1115, 1250 | i-f amplifiers in, 1022 tracing regeneration in, i-f transformers in, limiters, amplitude, applications of, muting in, oscillator design, phase discriminator in, references, r-f amplifiers in, superregenerative detectors in, tests and measurements—see below. tuning indicators for, Receivers, F-M, tests and measure- ments, a.v.c. characteristic, definitions, distortion, harmonic, maximum-deviation distortion, downward modulation, frequency drift, hum, low frequency instability, maximum undistorted output, mistuning, noise audibility, operating conditions, input measurements, output measurements, radiation from local oscillator, receiver adjustments, references, spurious radiation, open field method | 2, 1024-1025, 1290-1292, 1294-1295 1290-1291 1024-1025, 1037-1041 1147-1150 1023, 1040, 1088, 1090, 1095, 1098, 1099 1128-1130 947-961, 1289-1290 1088-1095 1296 915-946, 1287-1289 1087 1135-1136 1314-1320 1307, 1318 1314-1315 1306, 1318 1319 1309-1310, 1319 1309-1310, 1319 1309-1311, 1319 1300-1301, 1316 1300, 1316 1311, 1320 1316 1311, 1320 1316-1317 1327 |
| whistle interference, tuning tests, Receivers, A-M, types of (Chapter 34) crystal, references, regenerative, see also under individual stages (R-F amplifiers, etc.). superheterodyne, communication—see under Receivers, communication. double frequency changer, reflex, superregenerative, synchrodyne, tuned radio frequency, reflex, use of reflex detector in high fidelity, volume control circuit, tuning methods, Receivers, battery a-f response, converter problems, design of, end-of-battery-life tests, feedback, negative current, instability in, loudspeaker, combination horn and phase inverter, for personal portables, operation with reduced battery voltages, portable, series filament operation, tests, Receivers, car (automobile) | 1304-1305 1312 1223-1227 1223 1227 1223 1227 1223 1225-1226 1253 1140-1146 1087, 1224 1226-1227 915, 1224, 1256 1146 1086 1257 913 1236 1246-1248 1268-1274 1313 1236 1243-1244 859 1247 1021, 1115 1115, 1250 1301, 1313 1206, 1277 | i-f amplifiers in, 1022 tracing regeneration in, i-f transformers in, limiters, amplitude, applications of, muting in, oscillator design, phase discriminator in, references, r-f amplifiers in, superregenerative detectors in, tests and measurements—see below. tuning indicators for, Receivers, F-M, tests and measure- ments, a.v.c. characteristic, definitions, distortion, harmonic, maximum-deviation distortion, downward modulation, frequency drift, hum, low frequency instability, maximum undistorted output, mistuning, noise audibility, operating conditions, input measurements, output measurements, radiation from local oscillator, receiver adjustments, references, spurious radiation, open field method of measurement of, | 2, 1024-1025, 1290-1292, 1294-1295 1290-1291 1024-1025, 1037-1041 1147-1150 1023, 1040, 1088, 1090, 1095, 1098, 1099 1128-1130 947-961, 1289-1290 1088-1095 1296 915-946, 1287-1289 1087 1135-1136 1314-1315 1306, 1318 1314-1315 1306, 1318 1319 1309-1310, 1319 1309-1310, 1319 1309-1310, 1319 1300-1301, 1316 1300, 1316 1311, 1320 1316-1317 1327 1320 |
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