**Radio TX Power checks**

**Resistor - 1Ω - Sending 20 characters which includes end of msg/line**

**Transmitter**

13:45:05.283 -> Feather LoRa TX Test!

13:45:05.422 -> LoRa radio init OK!

13:45:05.422 -> Set Freq to: 915.00

13:45:08.417 -> Transmitting...

13:45:09.426 -> Sending power 5

13:45:09.461 -> power Sent ------5

13:45:11.507 -> Sending power 6

13:45:11.542 -> power Sent ------6

13:45:13.583 -> Sending power 7

13:45:13.618 -> power Sent ------7

13:45:15.654 -> Sending power 8

13:45:15.688 -> power Sent ------8

13:45:17.772 -> Sending power 9

13:45:17.772 -> power Sent ------9

13:45:19.845 -> Sending power 10

13:45:19.845 -> power Sent ------10

13:45:21.913 -> Sending power 11

13:45:21.913 -> power Sent ------11

13:45:24.021 -> Sending power 12

13:45:24.021 -> power Sent ------12

13:45:26.096 -> Sending power 13

13:45:26.096 -> power Sent ------13

13:45:28.171 -> Sending power 14

13:45:28.171 -> power Sent ------14

13:45:30.251 -> Sending power 15

13:45:30.251 -> power Sent ------15

13:45:32.327 -> Sending power 16

13:45:32.327 -> power Sent ------16

13:45:34.404 -> Sending power 17

13:45:34.404 -> power Sent ------17

13:45:36.486 -> Sending power 18

13:45:36.520 -> power Sent ------18

13:45:38.561 -> Sending power 19

13:45:38.596 -> power Sent ------19

13:45:40.646 -> Sending power 20

13:45:40.681 -> power Sent ------20

13:45:42.722 -> Sending power 21

13:45:42.757 -> power Sent ------21

13:45:44.804 -> Sending power 22

13:45:44.839 -> power Sent ------22

13:45:46.882 -> Sending power 23

13:45:46.916 -> power Sent ------23

13:45:50.974 -> Transmitting...

13:45:51.979 -> Sending power 5

13:45:52.013 -> power Sent ------5

13:45:54.061 -> Sending power 6

13:45:54.096 -> power Sent ------6

13:45:56.139 -> Sending power 7

13:45:56.174 -> power Sent ------7

13:45:58.224 -> Sending power 8

13:45:58.259 -> power Sent ------8

13:46:00.304 -> Sending power 9

13:46:00.336 -> power Sent ------9

13:46:02.409 -> Sending power 10

13:46:02.409 -> power Sent ------10

13:46:04.459 -> Sending power 11

13:46:04.493 -> power Sent ------11

13:46:06.572 -> Sending power 12

13:46:06.572 -> power Sent ------12

13:46:08.635 -> Sending power 13

13:46:08.668 -> power Sent ------13

13:46:10.708 -> Sending power 14

13:46:10.742 -> power Sent ------14

13:46:12.812 -> Sending power 15

13:46:12.812 -> power Sent ------15

13:46:14.883 -> Sending power 16

13:46:14.918 -> power Sent ------16

13:46:16.951 -> Sending power 17

13:46:16.986 -> power Sent ------17

13:46:19.052 -> Sending power 18

13:46:19.087 -> power Sent ------18

13:46:21.122 -> Sending power 19

13:46:21.157 -> power Sent ------19

13:46:23.196 -> Sending power 20

13:46:23.231 -> power Sent ------20

13:46:25.300 -> Sending power 21

13:46:25.300 -> power Sent ------21

13:46:27.366 -> Sending power 22

13:46:27.400 -> power Sent ------22

13:46:29.464 -> Sending power 23

13:46:29.464 -> power Sent ------23

13:46:33.538 -> Transmitting...

13:46:34.546 -> Sending power 5

13:46:34.581 -> power Sent ------5

13:46:36.620 -> Sending power 6

13:46:36.655 -> power Sent ------6

13:46:38.690 -> Sending power 7

13:46:38.725 -> power Sent ------7

13:46:40.792 -> Sending power 8

13:46:40.827 -> power Sent ------8

13:46:42.868 -> Sending power 9

13:46:42.902 -> power Sent ------9

13:46:44.934 -> Sending power 10

13:46:44.969 -> power Sent ------10

13:46:47.044 -> Sending power 11

13:46:47.044 -> power Sent ------11

13:46:49.110 -> Sending power 12

13:46:49.144 -> power Sent ------12

13:46:51.179 -> Sending power 13

13:46:51.212 -> power Sent ------13

13:46:53.282 -> Sending power 14

13:46:53.316 -> power Sent ------14

13:46:55.352 -> Sending power 15

13:46:55.387 -> power Sent ------15

13:46:57.458 -> Sending power 16

13:46:57.458 -> power Sent ------16

13:46:59.529 -> Sending power 17

13:46:59.564 -> power Sent ------17

13:47:01.600 -> Sending power 18

13:47:01.633 -> power Sent ------18

13:47:03.697 -> Sending power 19

13:47:03.697 -> power Sent ------19

13:47:05.759 -> Sending power 20

13:47:05.794 -> power Sent ------20

13:47:07.860 -> Sending power 21

13:47:07.860 -> power Sent ------21

13:47:09.937 -> Sending power 22

13:47:09.937 -> power Sent ------22

13:47:11.999 -> Sending power 23

13:47:12.033 -> power Sent ------23

13:47:16.115 -> Transmitting...

13:47:17.119 -> Sending power 5

13:47:17.119 -> power Sent ------5

13:47:19.189 -> Sending power 6

13:47:19.223 -> power Sent ------6

13:47:21.266 -> Sending power 7

13:47:21.300 -> power Sent ------7

13:47:23.338 -> Sending power 8

13:47:23.371 -> power Sent ------8

13:47:25.440 -> Sending power 9

13:47:25.440 -> power Sent ------9

13:47:27.511 -> Sending power 10

13:47:27.546 -> power Sent ------10

13:47:29.614 -> Sending power 11

13:47:29.614 -> power Sent ------11

13:47:31.680 -> Sending power 12

13:47:31.680 -> power Sent ------12

13:47:33.746 -> Sending power 13

13:47:33.780 -> power Sent ------13

13:47:35.850 -> Sending power 14

13:47:35.850 -> power Sent ------14

13:47:37.916 -> Sending power 15

13:47:37.950 -> power Sent ------15

13:47:40.015 -> Sending power 16

13:47:40.015 -> power Sent ------16

13:47:42.078 -> Sending power 17

13:47:42.113 -> power Sent ------17

13:47:44.180 -> Sending power 18

13:47:44.180 -> power Sent ------18

13:47:46.243 -> Sending power 19

13:47:46.278 -> power Sent ------19

13:47:48.347 -> Sending power 20

13:47:48.347 -> power Sent ------20

13:47:50.413 -> Sending power 21

13:47:50.413 -> power Sent ------21

13:47:52.484 -> Sending power 22

13:47:52.518 -> power Sent ------22

13:47:54.553 -> Sending power 23

13:47:54.588 -> power Sent ------23

13:47:58.657 -> Transmitting...

13:47:59.656 -> Sending power 5

13:47:59.691 -> power Sent ------5

13:48:01.757 -> Sending power 6

13:48:01.757 -> power Sent ------6

13:48:03.819 -> Sending power 7

13:48:03.854 -> power Sent ------7

13:48:05.922 -> Sending power 8

13:48:05.922 -> power Sent ------8

13:48:07.989 -> Sending power 9

13:48:08.024 -> power Sent ------9

13:48:10.090 -> Sending power 10

13:48:10.090 -> power Sent ------10

13:48:12.148 -> Sending power 11

13:48:12.183 -> power Sent ------11

13:48:14.219 -> Sending power 12

13:48:14.254 -> power Sent ------12

13:48:16.319 -> Sending power 13

13:48:16.353 -> power Sent ------13

13:48:18.387 -> Sending power 14

13:48:18.422 -> power Sent ------14

13:48:20.495 -> Sending power 15

13:48:20.495 -> power Sent ------15

13:48:22.555 -> Sending power 16

13:48:22.589 -> power Sent ------16

13:48:24.658 -> Sending power 17

13:48:24.658 -> power Sent ------17

13:48:26.725 -> Sending power 18

13:48:26.725 -> power Sent ------18

13:48:28.792 -> Sending power 19

13:48:28.827 -> power Sent ------19

13:48:30.903 -> Sending power 20

13:48:30.903 -> power Sent ------20

13:48:32.970 -> Sending power 21

13:48:32.970 -> power Sent ------21

13:48:35.041 -> Sending power 22

13:48:35.075 -> power Sent ------22

13:48:37.146 -> Sending power 23

13:48:37.146 -> power Sent ------23

13:48:41.220 -> Transmitting...

13:48:42.217 -> Sending power 5

13:48:42.251 -> power Sent ------5

13:48:44.317 -> Sending power 6

13:48:44.317 -> power Sent ------6

13:48:46.381 -> Sending power 7

13:48:46.416 -> power Sent ------7

13:48:48.450 -> Sending power 8

13:48:48.485 -> power Sent ------8

13:48:50.561 -> Sending power 9

13:48:50.561 -> power Sent ------9

13:48:52.632 -> Sending power 10

13:48:52.666 -> power Sent ------10

13:48:54.701 -> Sending power 11

13:48:54.735 -> power Sent ------11

13:48:56.808 -> Sending power 12

13:48:56.808 -> power Sent ------12

13:48:58.878 -> Sending power 13

13:48:58.913 -> power Sent ------13

13:49:00.953 -> Sending power 14

13:49:00.987 -> power Sent ------14

13:49:03.048 -> Sending power 15

13:49:03.081 -> power Sent ------15

13:49:05.118 -> Sending power 16

13:49:05.152 -> power Sent ------16

13:49:07.218 -> Sending power 17

13:49:07.218 -> power Sent ------17

13:49:09.293 -> Sending power 18

13:49:09.327 -> power Sent ------18

13:49:11.371 -> Sending power 19

13:49:11.406 -> power Sent ------19

13:49:13.441 -> Sending power 20

13:49:13.474 -> power Sent ------20

13:49:15.543 -> Sending power 21

13:49:15.543 -> power Sent ------21

13:49:17.617 -> Sending power 22

13:49:17.652 -> power Sent ------22

13:49:19.683 -> Sending power 23

13:49:19.717 -> power Sent ------23

13:49:23.786 -> Transmitting...

**Receiver**

13:45:09.481 -> Got: power Sent ------5

13:45:09.481 -> RSSI: -40

13:45:11.585 -> Got: power Sent ------6

13:45:11.585 -> RSSI: -40

13:45:13.656 -> Got: power Sent ------7

13:45:13.656 -> RSSI: -39

13:45:15.722 -> Got: power Sent ------8

13:45:15.722 -> RSSI: -37

13:45:17.831 -> Got: power Sent ------9

13:45:17.831 -> RSSI: -35

13:45:19.904 -> Got: power Sent ------10

13:45:19.904 -> RSSI: -35

13:45:21.977 -> Got: power Sent ------11

13:45:21.977 -> RSSI: -34

13:45:24.053 -> Got: power Sent ------12

13:45:24.053 -> RSSI: -35

13:45:26.161 -> Got: power Sent ------13

13:45:26.161 -> RSSI: -33

13:45:28.241 -> Got: power Sent ------14

13:45:28.241 -> RSSI: -32

13:45:30.321 -> Got: power Sent ------15

13:45:30.321 -> RSSI: -32

13:45:32.392 -> Got: power Sent ------16

13:45:32.392 -> RSSI: -31

13:45:34.463 -> Got: power Sent ------17

13:45:34.463 -> RSSI: -30

13:45:36.544 -> Got: power Sent ------18

13:45:36.544 -> RSSI: -30

13:45:38.652 -> Got: power Sent ------19

13:45:38.652 -> RSSI: -30

13:45:40.725 -> Got: power Sent ------20

13:45:40.725 -> RSSI: -29

13:45:42.804 -> Got: power Sent ------21

13:45:42.804 -> RSSI: -30

13:45:44.884 -> Got: power Sent ------22

13:45:44.884 -> RSSI: -28

13:45:46.968 -> Got: power Sent ------23

13:45:46.968 -> RSSI: -29

13:45:52.064 -> Got: power Sent ------5

13:45:52.064 -> RSSI: -40

13:45:54.123 -> Got: power Sent ------6

13:45:54.123 -> RSSI: -41

13:45:56.207 -> Got: power Sent ------7

13:45:56.207 -> RSSI: -40

13:45:58.294 -> Got: power Sent ------8

13:45:58.294 -> RSSI: -38

13:46:00.371 -> Got: power Sent ------9

13:46:00.371 -> RSSI: -37

13:46:02.478 -> Got: power Sent ------10

13:46:02.478 -> RSSI: -36

13:46:04.528 -> Got: power Sent ------11

13:46:04.528 -> RSSI: -35

13:46:06.637 -> Got: power Sent ------12

13:46:06.637 -> RSSI: -34

13:46:08.705 -> Got: power Sent ------13

13:46:08.705 -> RSSI: -34

13:46:10.777 -> Got: power Sent ------14

13:46:10.777 -> RSSI: -33

13:46:12.880 -> Got: power Sent ------15

13:46:12.880 -> RSSI: -32

13:46:14.948 -> Got: power Sent ------16

13:46:14.948 -> RSSI: -29

13:46:17.040 -> Got: power Sent ------17

13:46:17.040 -> RSSI: -29

13:46:19.112 -> Got: power Sent ------18

13:46:19.112 -> RSSI: -30

13:46:21.180 -> Got: power Sent ------19

13:46:21.180 -> RSSI: -30

13:46:23.286 -> Got: power Sent ------20

13:46:23.286 -> RSSI: -29

13:46:25.354 -> Got: power Sent ------21

13:46:25.354 -> RSSI: -29

13:46:27.455 -> Got: power Sent ------22

13:46:27.455 -> RSSI: -29

13:46:29.519 -> Got: power Sent ------23

13:46:29.519 -> RSSI: -29

13:46:34.620 -> Got: power Sent ------5

13:46:34.620 -> RSSI: -40

13:46:36.689 -> Got: power Sent ------6

13:46:36.689 -> RSSI: -40

13:46:38.794 -> Got: power Sent ------7

13:46:38.794 -> RSSI: -39

13:46:40.866 -> Got: power Sent ------8

13:46:40.866 -> RSSI: -37

13:46:42.936 -> Got: power Sent ------9

13:46:42.936 -> RSSI: -35

13:46:45.038 -> Got: power Sent ------10

13:46:45.038 -> RSSI: -35

13:46:47.108 -> Got: power Sent ------11

13:46:47.108 -> RSSI: -34

13:46:49.201 -> Got: power Sent ------12

13:46:49.201 -> RSSI: -33

13:46:51.269 -> Got: power Sent ------13

13:46:51.269 -> RSSI: -32

13:46:53.343 -> Got: power Sent ------14

13:46:53.343 -> RSSI: -31

13:46:55.445 -> Got: power Sent ------15

13:46:55.445 -> RSSI: -32

13:46:57.514 -> Got: power Sent ------16

13:46:57.514 -> RSSI: -29

13:46:59.584 -> Got: power Sent ------17

13:46:59.584 -> RSSI: -30

13:47:01.686 -> Got: power Sent ------18

13:47:01.686 -> RSSI: -31

13:47:03.754 -> Got: power Sent ------19

13:47:03.754 -> RSSI: -31

13:47:05.823 -> Got: power Sent ------20

13:47:05.823 -> RSSI: -30

13:47:07.929 -> Got: power Sent ------21

13:47:07.929 -> RSSI: -30

13:47:10.006 -> Got: power Sent ------22

13:47:10.006 -> RSSI: -29

13:47:12.074 -> Got: power Sent ------23

13:47:12.074 -> RSSI: -31

13:47:17.188 -> Got: power Sent ------5

13:47:17.188 -> RSSI: -40

13:47:19.256 -> Got: power Sent ------6

13:47:19.256 -> RSSI: -40

13:47:21.327 -> Got: power Sent ------7

13:47:21.327 -> RSSI: -40

13:47:23.421 -> Got: power Sent ------8

13:47:23.421 -> RSSI: -38

13:47:25.492 -> Got: power Sent ------9

13:47:25.492 -> RSSI: -37

13:47:27.585 -> Got: power Sent ------10

13:47:27.585 -> RSSI: -36

13:47:29.653 -> Got: power Sent ------11

13:47:29.653 -> RSSI: -35

13:47:31.755 -> Got: power Sent ------12

13:47:31.755 -> RSSI: -34

13:47:33.822 -> Got: power Sent ------13

13:47:33.822 -> RSSI: -34

13:47:35.919 -> Got: power Sent ------14

13:47:35.919 -> RSSI: -33

13:47:37.989 -> Got: power Sent ------15

13:47:37.989 -> RSSI: -34

13:47:40.063 -> Got: power Sent ------16

13:47:40.063 -> RSSI: -32

13:47:42.160 -> Got: power Sent ------17

13:47:42.160 -> RSSI: -29

13:47:44.228 -> Got: power Sent ------18

13:47:44.228 -> RSSI: -29

13:47:46.326 -> Got: power Sent ------19

13:47:46.326 -> RSSI: -30

13:47:48.399 -> Got: power Sent ------20

13:47:48.399 -> RSSI: -29

13:47:50.464 -> Got: power Sent ------21

13:47:50.464 -> RSSI: -31

13:47:52.566 -> Got: power Sent ------22

13:47:52.566 -> RSSI: -32

13:47:54.633 -> Got: power Sent ------23

13:47:54.633 -> RSSI: -31

13:47:59.730 -> Got: power Sent ------5

13:47:59.730 -> RSSI: -40

13:48:01.805 -> Got: power Sent ------6

13:48:01.805 -> RSSI: -40

13:48:03.902 -> Got: power Sent ------7

13:48:03.902 -> RSSI: -40

13:48:05.969 -> Got: power Sent ------8

13:48:05.969 -> RSSI: -37

13:48:08.070 -> Got: power Sent ------9

13:48:08.070 -> RSSI: -37

13:48:10.138 -> Got: power Sent ------10

13:48:10.138 -> RSSI: -40

13:48:12.210 -> Got: power Sent ------11

13:48:12.210 -> RSSI: -36

13:48:14.315 -> Got: power Sent ------12

13:48:14.315 -> RSSI: -40

13:48:16.381 -> Got: power Sent ------13

13:48:16.381 -> RSSI: -39

13:48:18.482 -> Got: power Sent ------14

13:48:18.482 -> RSSI: -34

13:48:20.560 -> Got: power Sent ------15

13:48:20.560 -> RSSI: -33

13:48:22.623 -> Got: power Sent ------16

13:48:22.623 -> RSSI: -33

13:48:24.728 -> Got: power Sent ------17

13:48:24.728 -> RSSI: -32

13:48:26.791 -> Got: power Sent ------18

13:48:26.791 -> RSSI: -33

13:48:28.862 -> Got: power Sent ------19

13:48:28.862 -> RSSI: -33

13:48:30.942 -> Got: power Sent ------20

13:48:30.942 -> RSSI: -34

13:48:33.039 -> Got: power Sent ------21

13:48:33.039 -> RSSI: -31

13:48:35.109 -> Got: power Sent ------22

13:48:35.109 -> RSSI: -31

13:48:37.216 -> Got: power Sent ------23

13:48:37.216 -> RSSI: -31

13:48:42.285 -> Got: power Sent ------5

13:48:42.285 -> RSSI: -41

13:48:44.390 -> Got: power Sent ------6

13:48:44.390 -> RSSI: -41

13:48:46.460 -> Got: power Sent ------7

13:48:46.460 -> RSSI: -40

13:48:48.528 -> Got: power Sent ------8

13:48:48.528 -> RSSI: -39

13:48:50.636 -> Got: power Sent ------9

13:48:50.636 -> RSSI: -38

13:48:52.704 -> Got: power Sent ------10

13:48:52.704 -> RSSI: -37

13:48:54.775 -> Got: power Sent ------11

13:48:54.775 -> RSSI: -35

13:48:56.880 -> Got: power Sent ------12

13:48:56.880 -> RSSI: -34

13:48:58.947 -> Got: power Sent ------13

13:48:58.947 -> RSSI: -35

13:49:01.021 -> Got: power Sent ------14

13:49:01.021 -> RSSI: -34

13:49:03.115 -> Got: power Sent ------15

13:49:03.115 -> RSSI: -33

13:49:05.187 -> Got: power Sent ------16

13:49:05.187 -> RSSI: -32

13:49:07.258 -> Got: power Sent ------17

13:49:07.258 -> RSSI: -32

13:49:09.362 -> Got: power Sent ------18

13:49:09.362 -> RSSI: -32

13:49:11.441 -> Got: power Sent ------19

13:49:11.441 -> RSSI: -32

13:49:13.513 -> Got: power Sent ------20

13:49:13.513 -> RSSI: -31

13:49:15.583 -> Got: power Sent ------21

13:49:15.583 -> RSSI: -32

13:49:17.684 -> Got: power Sent ------22

13:49:17.684 -> RSSI: -32

13:49:19.756 -> Got: power Sent ------23

13:49:19.756 -> RSSI: -31

**Resistor - 10Ω - Sending 20 characters which includes end of msg/line**

**Transmitter**

13:53:38.072 -> Feather LoRa TX Test!

13:53:38.210 -> LoRa radio init OK!

13:53:38.210 -> Set Freq to: 915.00

13:53:41.209 -> Transmitting...

13:53:42.236 -> Sending power 5

13:53:42.236 -> power Sent ------5

13:53:44.302 -> Sending power 6

13:53:44.302 -> power Sent ------6

13:53:46.371 -> Sending power 7

13:53:46.405 -> power Sent ------7

13:53:48.443 -> Sending power 8

13:53:48.478 -> power Sent ------8

13:53:50.536 -> Sending power 9

13:53:50.570 -> power Sent ------9

13:53:52.630 -> Sending power 10

13:53:52.630 -> power Sent ------10

13:53:54.689 -> Sending power 11

13:53:54.722 -> power Sent ------11

13:53:56.798 -> Sending power 12

13:53:56.798 -> power Sent ------12

13:53:58.866 -> Sending power 13

13:53:58.866 -> power Sent ------13

13:54:00.930 -> Sending power 14

13:54:00.965 -> power Sent ------14

13:54:03.032 -> Sending power 15

13:54:03.066 -> power Sent ------15

13:54:05.126 -> Sending power 16

13:54:05.126 -> power Sent ------16

13:54:07.190 -> Sending power 17

13:54:07.190 -> power Sent ------17

13:54:09.255 -> Sending power 18

13:54:09.289 -> power Sent ------18

13:54:11.349 -> Sending power 19

13:54:11.383 -> power Sent ------19

13:54:13.451 -> Sending power 20

13:54:13.451 -> power Sent ------20

13:54:15.517 -> Sending power 21

13:54:15.517 -> power Sent ------21

13:54:17.619 -> Sending power 22

13:54:17.619 -> power Sent ------22

13:54:19.685 -> Sending power 23

13:54:19.685 -> power Sent ------23

13:54:23.753 -> Transmitting...

13:54:24.787 -> Sending power 5

13:54:24.787 -> power Sent ------5

13:54:26.859 -> Sending power 6

13:54:26.859 -> power Sent ------6

13:54:28.920 -> Sending power 7

13:54:28.955 -> power Sent ------7

13:54:31.016 -> Sending power 8

13:54:31.051 -> power Sent ------8

13:54:33.084 -> Sending power 9

13:54:33.118 -> power Sent ------9

13:54:35.179 -> Sending power 10

13:54:35.179 -> power Sent ------10

13:54:37.243 -> Sending power 11

13:54:37.278 -> power Sent ------11

13:54:39.345 -> Sending power 12

13:54:39.345 -> power Sent ------12

13:54:41.410 -> Sending power 13

13:54:41.443 -> power Sent ------13

13:54:43.505 -> Sending power 14

13:54:43.540 -> power Sent ------14

13:54:45.601 -> Sending power 15

13:54:45.601 -> power Sent ------15

13:54:47.665 -> Sending power 16

13:54:47.700 -> power Sent ------16

13:54:49.729 -> Sending power 17

13:54:49.764 -> power Sent ------17

13:54:51.831 -> Sending power 18

13:54:51.866 -> power Sent ------18

13:54:53.902 -> Sending power 19

13:54:53.936 -> power Sent ------19

13:54:56.002 -> Sending power 20

13:54:56.002 -> power Sent ------20

13:54:58.070 -> Sending power 21

13:54:58.104 -> power Sent ------21

13:55:00.164 -> Sending power 22

13:55:00.164 -> power Sent ------22

13:55:02.230 -> Sending power 23

13:55:02.263 -> power Sent ------23

13:55:06.327 -> Transmitting...

13:55:07.330 -> Sending power 5

13:55:07.363 -> power Sent ------5

13:55:09.424 -> Sending power 6

13:55:09.424 -> power Sent ------6

13:55:11.519 -> Sending power 7

13:55:11.519 -> power Sent ------7

13:55:13.581 -> Sending power 8

13:55:13.581 -> power Sent ------8

13:55:15.652 -> Sending power 9

13:55:15.685 -> power Sent ------9

13:55:17.721 -> Sending power 10

13:55:17.756 -> power Sent ------10

13:55:19.825 -> Sending power 11

13:55:19.860 -> power Sent ------11

13:55:21.897 -> Sending power 12

13:55:21.932 -> power Sent ------12

13:55:23.964 -> Sending power 13

13:55:23.998 -> power Sent ------13

13:55:26.066 -> Sending power 14

13:55:26.100 -> power Sent ------14

13:55:28.133 -> Sending power 15

13:55:28.167 -> power Sent ------15

13:55:30.228 -> Sending power 16

13:55:30.228 -> power Sent ------16

13:55:32.292 -> Sending power 17

13:55:32.325 -> power Sent ------17

13:55:34.391 -> Sending power 18

13:55:34.425 -> power Sent ------18

13:55:36.487 -> Sending power 19

13:55:36.487 -> power Sent ------19

13:55:38.550 -> Sending power 20

13:55:38.585 -> power Sent ------20

13:55:40.651 -> Sending power 21

13:55:40.651 -> power Sent ------21

13:55:42.719 -> Sending power 22

13:55:42.719 -> power Sent ------22

13:55:44.785 -> Sending power 23

13:55:44.820 -> power Sent ------23

13:55:48.885 -> Transmitting...

13:55:49.882 -> Sending power 5

13:55:49.917 -> power Sent ------5

13:55:51.977 -> Sending power 6

13:55:52.012 -> power Sent ------6

13:55:54.052 -> Sending power 7

13:55:54.087 -> power Sent ------7

13:55:56.152 -> Sending power 8

13:55:56.152 -> power Sent ------8

13:55:58.222 -> Sending power 9

13:55:58.222 -> power Sent ------9

13:56:00.299 -> Sending power 10

13:56:00.332 -> power Sent ------10

13:56:02.367 -> Sending power 11

13:56:02.402 -> power Sent ------11

13:56:04.445 -> Sending power 12

13:56:04.478 -> power Sent ------12

13:56:06.548 -> Sending power 13

13:56:06.583 -> power Sent ------13

13:56:08.619 -> Sending power 14

13:56:08.653 -> power Sent ------14

13:56:10.723 -> Sending power 15

13:56:10.723 -> power Sent ------15

13:56:12.794 -> Sending power 16

13:56:12.829 -> power Sent ------16

13:56:14.869 -> Sending power 17

13:56:14.903 -> power Sent ------17

13:56:16.936 -> Sending power 18

13:56:16.971 -> power Sent ------18

13:56:19.042 -> Sending power 19

13:56:19.042 -> power Sent ------19

13:56:21.111 -> Sending power 20

13:56:21.146 -> power Sent ------20

13:56:23.217 -> Sending power 21

13:56:23.217 -> power Sent ------21

13:56:25.290 -> Sending power 22

13:56:25.290 -> power Sent ------22

13:56:27.363 -> Sending power 23

13:56:27.398 -> power Sent ------23

13:56:31.436 -> Transmitting...

13:56:32.436 -> Sending power 5

13:56:32.471 -> power Sent ------5

13:56:34.540 -> Sending power 6

13:56:34.540 -> power Sent ------6

13:56:36.609 -> Sending power 7

13:56:36.644 -> power Sent ------7

13:56:38.682 -> Sending power 8

13:56:38.716 -> power Sent ------8

13:56:40.783 -> Sending power 9

13:56:40.818 -> power Sent ------9

13:56:42.855 -> Sending power 10

13:56:42.890 -> power Sent ------10

13:56:44.934 -> Sending power 11

13:56:44.968 -> power Sent ------11

13:56:47.006 -> Sending power 12

13:56:47.040 -> power Sent ------12

13:56:49.106 -> Sending power 13

13:56:49.140 -> power Sent ------13

13:56:51.179 -> Sending power 14

13:56:51.213 -> power Sent ------14

13:56:53.251 -> Sending power 15

13:56:53.285 -> power Sent ------15

13:56:55.365 -> Sending power 16

13:56:55.365 -> power Sent ------16

13:56:57.440 -> Sending power 17

13:56:57.440 -> power Sent ------17

13:56:59.509 -> Sending power 18

13:56:59.509 -> power Sent ------18

13:57:01.586 -> Sending power 19

13:57:01.621 -> power Sent ------19

13:57:03.693 -> Sending power 20

13:57:03.693 -> power Sent ------20

13:57:05.759 -> Sending power 21

13:57:05.759 -> power Sent ------21

13:57:07.835 -> Sending power 22

13:57:07.870 -> power Sent ------22

13:57:09.912 -> Sending power 23

13:57:09.947 -> power Sent ------23

13:57:14.021 -> Transmitting...

13:57:15.025 -> Sending power 5

13:57:15.025 -> power Sent ------5

13:57:17.097 -> Sending power 6

13:57:17.097 -> power Sent ------6

13:57:19.164 -> Sending power 7

13:57:19.199 -> power Sent ------7

13:57:21.239 -> Sending power 8

13:57:21.273 -> power Sent ------8

13:57:23.346 -> Sending power 9

13:57:23.346 -> power Sent ------9

13:57:25.419 -> Sending power 10

13:57:25.419 -> power Sent ------10

13:57:27.496 -> Sending power 11

13:57:27.496 -> power Sent ------11

13:57:29.601 -> Sending power 12

13:57:29.601 -> power Sent ------12

13:57:31.667 -> Sending power 13

13:57:31.667 -> power Sent ------13

13:57:33.739 -> Sending power 14

13:57:33.774 -> power Sent ------14

13:57:35.845 -> Sending power 15

13:57:35.845 -> power Sent ------15

13:57:37.913 -> Sending power 16

13:57:37.913 -> power Sent ------16

13:57:39.988 -> Sending power 17

13:57:39.988 -> power Sent ------17

13:57:42.056 -> Sending power 18

13:57:42.091 -> power Sent ------18

13:57:44.165 -> Sending power 19

13:57:44.165 -> power Sent ------19

13:57:46.238 -> Sending power 20

13:57:46.238 -> power Sent ------20

13:57:48.311 -> Sending power 21

13:57:48.346 -> power Sent ------21

13:57:50.415 -> Sending power 22

13:57:50.415 -> power Sent ------22

13:57:52.483 -> Sending power 23

13:57:52.483 -> power Sent ------23

13:57:56.581 -> Transmitting...

**receiver**

13:53:42.280 -> Got: power Sent ------5

13:53:42.280 -> RSSI: -41

13:53:44.375 -> Got: power Sent ------6

13:53:44.375 -> RSSI: -39

13:53:46.445 -> Got: power Sent ------7

13:53:46.445 -> RSSI: -40

13:53:48.507 -> Got: power Sent ------8

13:53:48.507 -> RSSI: -41

13:53:50.604 -> Got: power Sent ------9

13:53:50.604 -> RSSI: -40

13:53:52.699 -> Got: power Sent ------10

13:53:52.699 -> RSSI: -39

13:53:54.763 -> Got: power Sent ------11

13:53:54.763 -> RSSI: -37

13:53:56.832 -> Got: power Sent ------12

13:53:56.832 -> RSSI: -35

13:53:58.935 -> Got: power Sent ------13

13:53:58.935 -> RSSI: -34

13:54:01.000 -> Got: power Sent ------14

13:54:01.000 -> RSSI: -33

13:54:03.097 -> Got: power Sent ------15

13:54:03.097 -> RSSI: -32

13:54:05.187 -> Got: power Sent ------16

13:54:05.187 -> RSSI: -31

13:54:07.250 -> Got: power Sent ------17

13:54:07.250 -> RSSI: -30

13:54:09.352 -> Got: power Sent ------18

13:54:09.352 -> RSSI: -32

13:54:11.414 -> Got: power Sent ------19

13:54:11.414 -> RSSI: -32

13:54:13.516 -> Got: power Sent ------20

13:54:13.516 -> RSSI: -31

13:54:15.582 -> Got: power Sent ------21

13:54:15.582 -> RSSI: -31

13:54:17.654 -> Got: power Sent ------22

13:54:17.654 -> RSSI: -31

13:54:19.730 -> Got: power Sent ------23

13:54:19.730 -> RSSI: -31

13:54:24.826 -> Got: power Sent ------5

13:54:24.826 -> RSSI: -41

13:54:26.925 -> Got: power Sent ------6

13:54:26.925 -> RSSI: -41

13:54:28.990 -> Got: power Sent ------7

13:54:28.990 -> RSSI: -40

13:54:31.091 -> Got: power Sent ------8

13:54:31.091 -> RSSI: -39

13:54:33.165 -> Got: power Sent ------9

13:54:33.165 -> RSSI: -38

13:54:35.235 -> Got: power Sent ------10

13:54:35.235 -> RSSI: -37

13:54:37.334 -> Got: power Sent ------11

13:54:37.334 -> RSSI: -36

13:54:39.405 -> Got: power Sent ------12

13:54:39.405 -> RSSI: -34

13:54:41.505 -> Got: power Sent ------13

13:54:41.505 -> RSSI: -35

13:54:43.575 -> Got: power Sent ------14

13:54:43.575 -> RSSI: -34

13:54:45.650 -> Got: power Sent ------15

13:54:45.650 -> RSSI: -33

13:54:47.744 -> Got: power Sent ------16

13:54:47.744 -> RSSI: -32

13:54:49.810 -> Got: power Sent ------17

13:54:49.810 -> RSSI: -32

13:54:51.908 -> Got: power Sent ------18

13:54:51.908 -> RSSI: -32

13:54:53.976 -> Got: power Sent ------19

13:54:53.976 -> RSSI: -31

13:54:56.074 -> Got: power Sent ------20

13:54:56.074 -> RSSI: -31

13:54:58.137 -> Got: power Sent ------21

13:54:58.137 -> RSSI: -31

13:55:00.232 -> Got: power Sent ------22

13:55:00.232 -> RSSI: -31

13:55:02.303 -> Got: power Sent ------23

13:55:02.303 -> RSSI: -31

13:55:07.407 -> Got: power Sent ------5

13:55:07.407 -> RSSI: -41

13:55:09.477 -> Got: power Sent ------6

13:55:09.477 -> RSSI: -41

13:55:11.576 -> Got: power Sent ------7

13:55:11.576 -> RSSI: -41

13:55:13.638 -> Got: power Sent ------8

13:55:13.638 -> RSSI: -39

13:55:15.741 -> Got: power Sent ------9

13:55:15.741 -> RSSI: -38

13:55:17.813 -> Got: power Sent ------10

13:55:17.813 -> RSSI: -37

13:55:19.884 -> Got: power Sent ------11

13:55:19.884 -> RSSI: -36

13:55:21.955 -> Got: power Sent ------12

13:55:21.955 -> RSSI: -35

13:55:24.054 -> Got: power Sent ------13

13:55:24.054 -> RSSI: -34

13:55:26.122 -> Got: power Sent ------14

13:55:26.122 -> RSSI: -34

13:55:28.227 -> Got: power Sent ------15

13:55:28.227 -> RSSI: -33

13:55:30.294 -> Got: power Sent ------16

13:55:30.294 -> RSSI: -33

13:55:32.360 -> Got: power Sent ------17

13:55:32.360 -> RSSI: -32

13:55:34.469 -> Got: power Sent ------18

13:55:34.469 -> RSSI: -32

13:55:36.526 -> Got: power Sent ------19

13:55:36.526 -> RSSI: -32

13:55:38.629 -> Got: power Sent ------20

13:55:38.629 -> RSSI: -29

13:55:40.691 -> Got: power Sent ------21

13:55:40.691 -> RSSI: -30

13:55:42.801 -> Got: power Sent ------22

13:55:42.801 -> RSSI: -30

13:55:44.870 -> Got: power Sent ------23

13:55:44.870 -> RSSI: -30

13:55:49.942 -> Got: power Sent ------5

13:55:49.942 -> RSSI: -41

13:55:52.053 -> Got: power Sent ------6

13:55:52.053 -> RSSI: -40

13:55:54.121 -> Got: power Sent ------7

13:55:54.121 -> RSSI: -39

13:55:56.194 -> Got: power Sent ------8

13:55:56.194 -> RSSI: -38

13:55:58.269 -> Got: power Sent ------9

13:55:58.269 -> RSSI: -36

13:56:00.375 -> Got: power Sent ------10

13:56:00.375 -> RSSI: -35

13:56:02.447 -> Got: power Sent ------11

13:56:02.447 -> RSSI: -34

13:56:04.528 -> Got: power Sent ------12

13:56:04.528 -> RSSI: -34

13:56:06.594 -> Got: power Sent ------13

13:56:06.594 -> RSSI: -34

13:56:08.696 -> Got: power Sent ------14

13:56:08.696 -> RSSI: -35

13:56:10.757 -> Got: power Sent ------15

13:56:10.757 -> RSSI: -33

13:56:12.864 -> Got: power Sent ------16

13:56:12.864 -> RSSI: -32

13:56:14.938 -> Got: power Sent ------17

13:56:14.938 -> RSSI: -30

13:56:17.005 -> Got: power Sent ------18

13:56:17.005 -> RSSI: -31

13:56:19.114 -> Got: power Sent ------19

13:56:19.114 -> RSSI: -30

13:56:21.187 -> Got: power Sent ------20

13:56:21.187 -> RSSI: -30

13:56:23.253 -> Got: power Sent ------21

13:56:23.253 -> RSSI: -32

13:56:25.359 -> Got: power Sent ------22

13:56:25.359 -> RSSI: -29

13:56:27.429 -> Got: power Sent ------23

13:56:27.429 -> RSSI: -29

13:56:32.516 -> Got: power Sent ------5

13:56:32.516 -> RSSI: -42

13:56:34.618 -> Got: power Sent ------6

13:56:34.618 -> RSSI: -41

13:56:36.689 -> Got: power Sent ------7

13:56:36.689 -> RSSI: -41

13:56:38.754 -> Got: power Sent ------8

13:56:38.754 -> RSSI: -37

13:56:40.830 -> Got: power Sent ------9

13:56:40.830 -> RSSI: -36

13:56:42.939 -> Got: power Sent ------10

13:56:42.939 -> RSSI: -35

13:56:45.006 -> Got: power Sent ------11

13:56:45.006 -> RSSI: -34

13:56:47.078 -> Got: power Sent ------12

13:56:47.078 -> RSSI: -34

13:56:49.174 -> Got: power Sent ------13

13:56:49.174 -> RSSI: -33

13:56:51.247 -> Got: power Sent ------14

13:56:51.247 -> RSSI: -32

13:56:53.318 -> Got: power Sent ------15

13:56:53.318 -> RSSI: -31

13:56:55.416 -> Got: power Sent ------16

13:56:55.416 -> RSSI: -30

13:56:57.486 -> Got: power Sent ------17

13:56:57.486 -> RSSI: -29

13:56:59.594 -> Got: power Sent ------18

13:56:59.594 -> RSSI: -30

13:57:01.670 -> Got: power Sent ------19

13:57:01.670 -> RSSI: -32

13:57:03.746 -> Got: power Sent ------20

13:57:03.746 -> RSSI: -29

13:57:05.817 -> Got: power Sent ------21

13:57:05.817 -> RSSI: -31

13:57:07.893 -> Got: power Sent ------22

13:57:07.893 -> RSSI: -31

13:57:10.003 -> Got: power Sent ------23

13:57:10.003 -> RSSI: -31

13:57:15.080 -> Got: power Sent ------5

13:57:15.080 -> RSSI: -41

13:57:17.152 -> Got: power Sent ------6

13:57:17.152 -> RSSI: -40

13:57:19.230 -> Got: power Sent ------7

13:57:19.230 -> RSSI: -44

13:57:21.336 -> Got: power Sent ------8

13:57:21.336 -> RSSI: -38

13:57:23.407 -> Got: power Sent ------9

13:57:23.407 -> RSSI: -38

13:57:25.474 -> Got: power Sent ------10

13:57:25.474 -> RSSI: -37

13:57:27.579 -> Got: power Sent ------11

13:57:27.579 -> RSSI: -35

13:57:29.650 -> Got: power Sent ------12

13:57:29.650 -> RSSI: -34

13:57:31.721 -> Got: power Sent ------13

13:57:31.721 -> RSSI: -34

13:57:33.829 -> Got: power Sent ------14

13:57:33.829 -> RSSI: -34

13:57:35.903 -> Got: power Sent ------15

13:57:35.903 -> RSSI: -35

13:57:37.975 -> Got: power Sent ------16

13:57:37.975 -> RSSI: -33

13:57:40.047 -> Got: power Sent ------17

13:57:40.047 -> RSSI: -29

13:57:42.123 -> Got: power Sent ------18

13:57:42.123 -> RSSI: -30

13:57:44.234 -> Got: power Sent ------19

13:57:44.234 -> RSSI: -29

13:57:46.306 -> Got: power Sent ------20

13:57:46.306 -> RSSI: -29

13:57:48.377 -> Got: power Sent ------21

13:57:48.377 -> RSSI: -29

13:57:50.476 -> Got: power Sent ------22

13:57:50.476 -> RSSI: -29

13:57:52.543 -> Got: power Sent ------23

13:57:52.543 -> RSSI: -28

**Resistor - 20Ω - Sending 20 characters which includes end of msg/line – first shot**

**Transmitter**

14:14:11.975 -> Feather LoRa TX Test!

14:14:12.114 -> LoRa radio init OK!

14:14:12.114 -> Set Freq to: 915.00

14:14:15.134 -> Transmitting...

14:14:16.129 -> Sending power 5

14:14:16.164 -> power Sent ------5

14:14:18.225 -> Sending power 6

14:14:18.225 -> power Sent ------6

14:14:20.291 -> Sending power 7

14:14:20.325 -> power Sent ------7

14:14:22.385 -> Sending power 8

14:14:22.385 -> power Sent ------8

14:14:24.451 -> Sending power 9

14:14:24.486 -> power Sent ------9

14:14:26.548 -> Sending power 10

14:14:26.548 -> power Sent ------10

14:14:28.613 -> Sending power 11

14:14:28.648 -> power Sent ------11

14:14:30.683 -> Sending power 12

14:14:30.716 -> power Sent ------12

**Receiver**

14:14:16.209 -> Got: power Sent ------5

14:14:16.209 -> RSSI: -41

14:14:18.273 -> Got: power Sent ------6

14:14:18.273 -> RSSI: -40

14:14:20.360 -> Got: power Sent ------7

14:14:20.360 -> RSSI: -40

14:14:22.449 -> Got: power Sent ------8

14:14:22.449 -> RSSI: -38

14:14:24.510 -> Got: power Sent ------9

14:14:24.510 -> RSSI: -37

14:14:26.601 -> Got: power Sent ------10

14:14:26.601 -> RSSI: -36

14:14:28.697 -> Got: power Sent ------11

14:14:28.697 -> RSSI: -35

**Resistor - 20Ω - Sending 20 characters which includes end of msg/line – second shot**

**Transmitter**

14:17:38.889 -> Feather LoRa TX Test!

14:17:39.027 -> LoRa radio init OK!

14:17:39.027 -> Set Freq to: 915.00

14:17:42.048 -> Transmitting...

14:17:43.051 -> Sending power 5

14:17:43.051 -> power Sent ------5

14:17:45.119 -> Sending power 6

14:17:45.154 -> power Sent ------6

14:17:47.216 -> Sending power 7

14:17:47.216 -> power Sent ------7

14:17:49.271 -> Sending power 8

14:17:49.306 -> power Sent ------8

14:17:51.365 -> Sending power 9

14:17:51.399 -> power Sent ------9

14:17:53.455 -> Sending power 10

14:17:53.455 -> power Sent ------10

14:17:55.519 -> Sending power 11

14:17:55.553 -> power Sent ------11

**Receiver**

14:17:43.122 -> Got: power Sent ------5

14:17:43.122 -> RSSI: -43

14:17:45.187 -> Got: power Sent ------6

14:17:45.187 -> RSSI: -42

14:17:47.279 -> Got: power Sent ------7

14:17:47.279 -> RSSI: -41

14:17:49.369 -> Got: power Sent ------8

14:17:49.369 -> RSSI: -40

14:17:53.525 -> Got: power Sent ------10

14:17:53.525 -> RSSI: -37

14:17:55.587 -> Got: power Sent ------11

14:17:55.587 -> RSSI: -36

**Resistor - 20Ω - Sending 20 characters which includes end of msg/line – third shot**

**Transmitter**

14:19:14.911 -> Feather LoRa TX Test!

14:19:15.014 -> LoRa radio init OK!

14:19:15.049 -> Set Freq to: 915.00

14:19:18.057 -> Transmitting...

14:19:19.057 -> Sending power 5

14:19:19.057 -> power Sent ------5

14:19:21.132 -> Sending power 6

14:19:21.132 -> power Sent ------6

14:19:23.200 -> Sending power 7

14:19:23.233 -> power Sent ------7

14:19:25.282 -> Sending power 8

14:19:25.316 -> power Sent ------8

14:19:27.360 -> Sending power 9

14:19:27.395 -> power Sent ------9

14:19:29.469 -> Sending power 10

14:19:29.469 -> power Sent ------10

14:19:31.534 -> Sending power 11

14:19:31.534 -> power Sent ------11

**Receiver**

14:19:19.102 -> Got: power Sent ------5

14:19:19.102 -> RSSI: -44

14:19:21.208 -> Got: power Sent ------6

14:19:21.208 -> RSSI: -42

14:19:23.274 -> Got: power Sent ------7

14:19:23.274 -> RSSI: -43

14:19:25.351 -> Got: power Sent ------8

14:19:25.351 -> RSSI: -42

14:19:27.430 -> Got: power Sent ------9

14:19:27.430 -> RSSI: -41

14:19:29.502 -> Got: power Sent ------10

14:19:29.502 -> RSSI: -37

14:19:31.602 -> Got: power Sent ------11

14:19:31.602 -> RSSI: -35