

Range vs. Antenna Offsets for Meteor Scatter

RANGE KM	RANGE MI	ELEVATION OFFSET °	AZIMUTH OFFSET °
50	31	44	75
100	62	41	62
150	93	38	51
200	124	34	43
250	155	30	37
300	186	27	32
350	217	24	29
400	249	22	26
450	280	20	23
500	311	18	21
550	342	17	20
600	373	15	18
650	404	14	17
700	435	13	16
750	466	12	15
800	497	11	15
850	528	10	14
900	559	9	14
950	590	9	13
1000	621	8	13
1050	652	8	12
1100	684	7	12
1150	715	6	12
1200	746	6	11
1250	777	6	11
1300	808	5	11
1350	839	5	11
1400	870	4	11
1450	901	4	10
1500	932	4	10
2000	1243	1	10

For updated K1SIX 50 MHz WSJT pure MS range results:

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The offset bearing is automatically calculated within the WSJT application and displayed as an "A" offset bearing for one station and a "B" offset for the other (Clockwise or CCW). A good related article by Joe can be found here: [CLICK HERE](#)

For the N5SIX Backscatter Planner MS Excel Spreadsheet:

[CLICK HERE](#)

Compiled by K1SIX based upon the following by James Richardson:

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