

Exhibit F – Transmit EIRP Density Plots

Plot Notes:

Blue trace is co-polarization EIRP density plot

Brown trace is cross-polarization EIRP density plot

Dotted red line is FCC 25.138 FCC co-polarization EIRP density mask

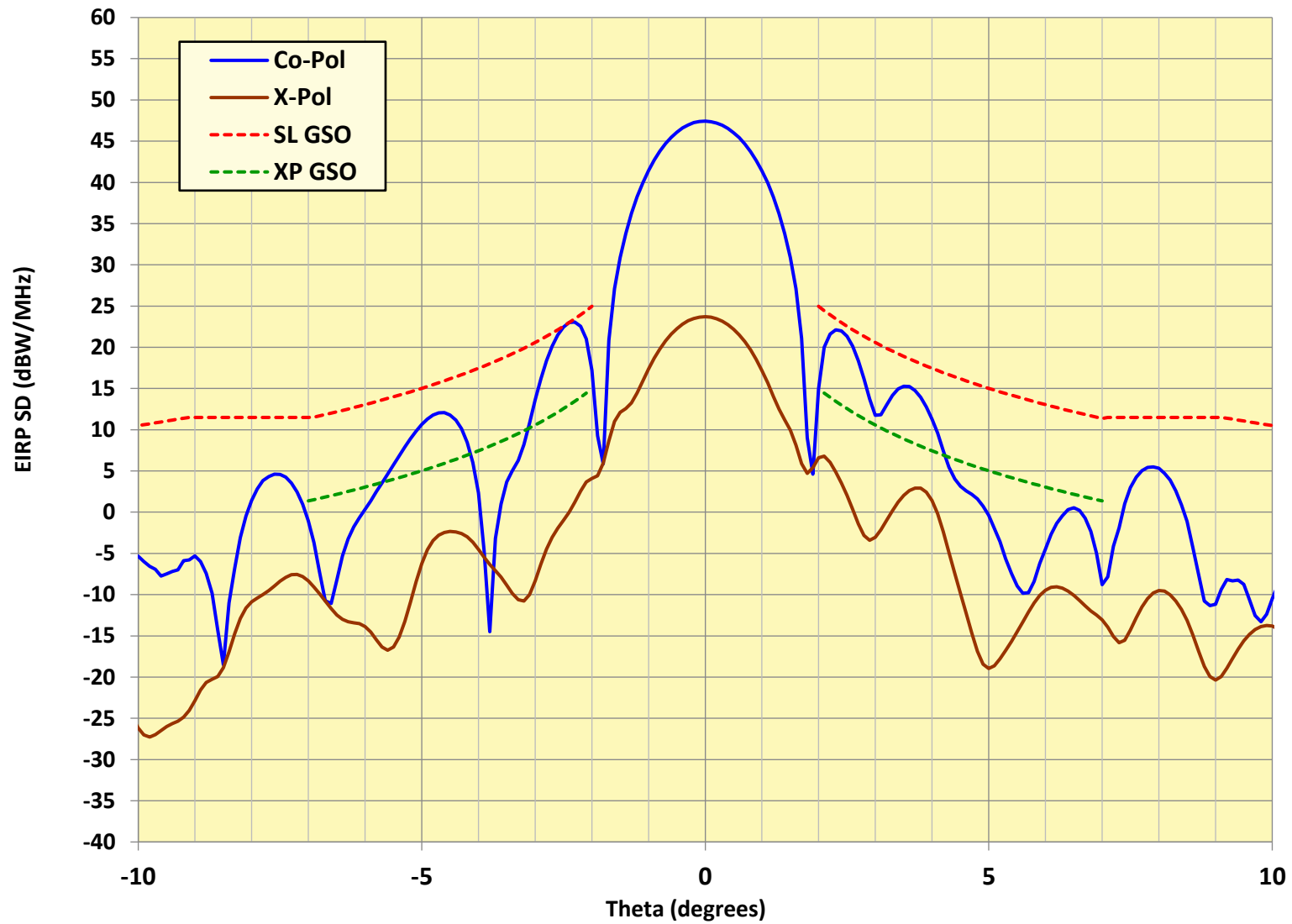
Dotted green line is FCC 25.138 FCC cross-polarization EIRP density mask

Table of Contents

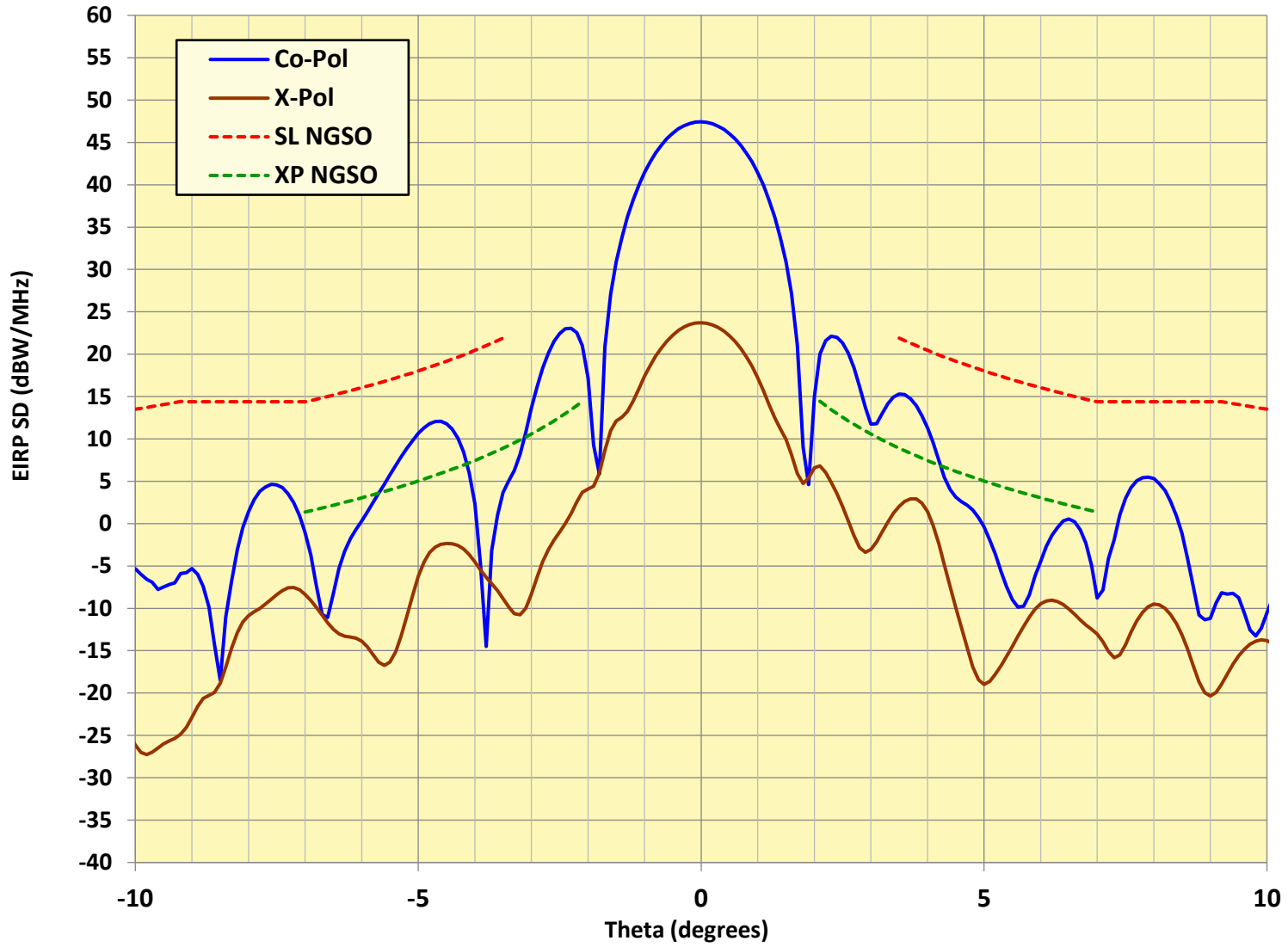
28.5 GHz at 45° Skew Angle	3
29.5 GHz at 45° Skew Angle	12
30 GHz at 45° Skew Angle	21
28.5 GHz Raw Data	30
29.5 GHz Raw Data	39
30 GHz Raw Data	48

28.5 GHz at 45 ° Skew Angle

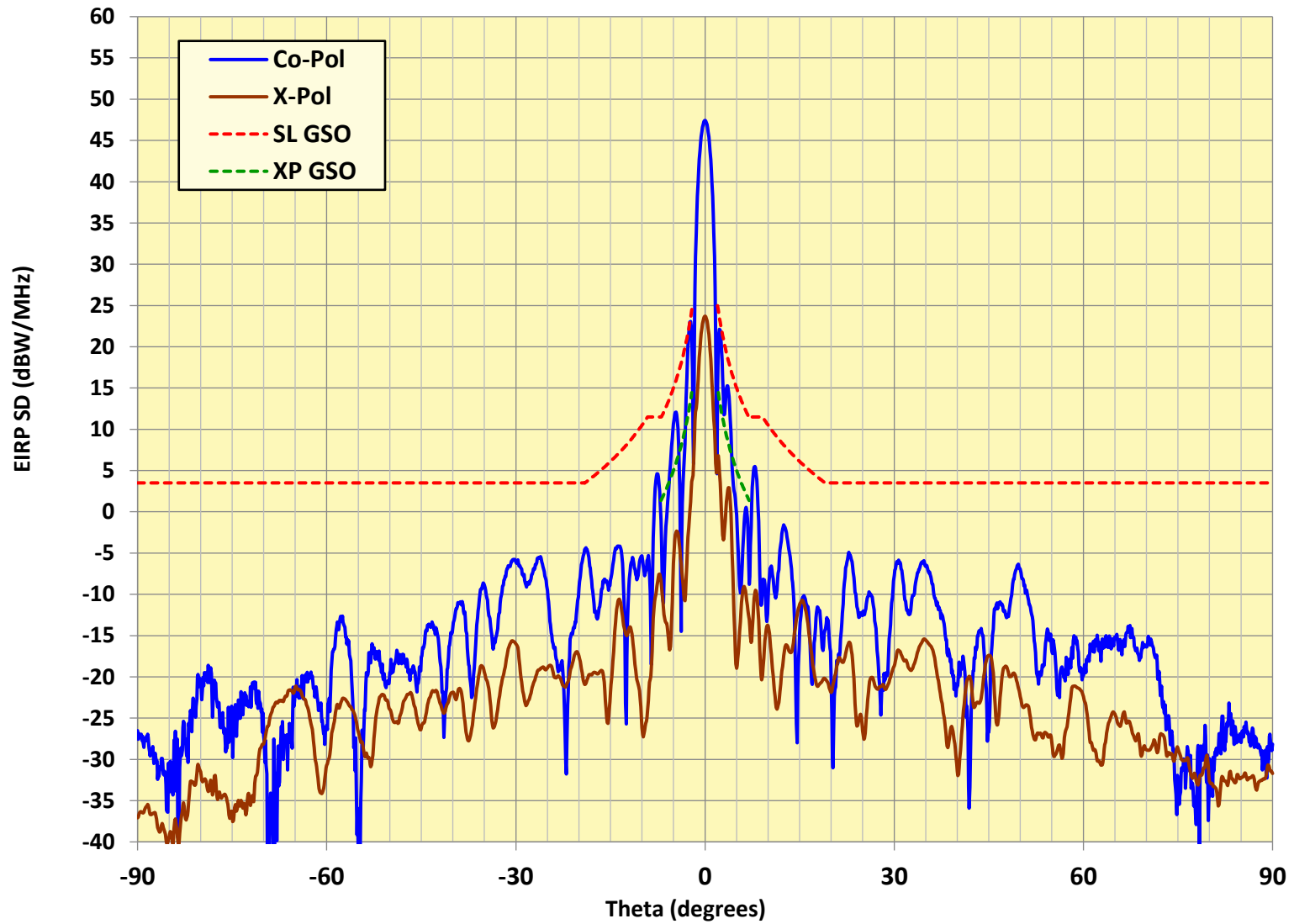
Q113000 SN0002 GSO: Freq = 28.5GHz, Pol = LHCP, Skew = 45°, Pk EIRP = 47.4dBW/MHz



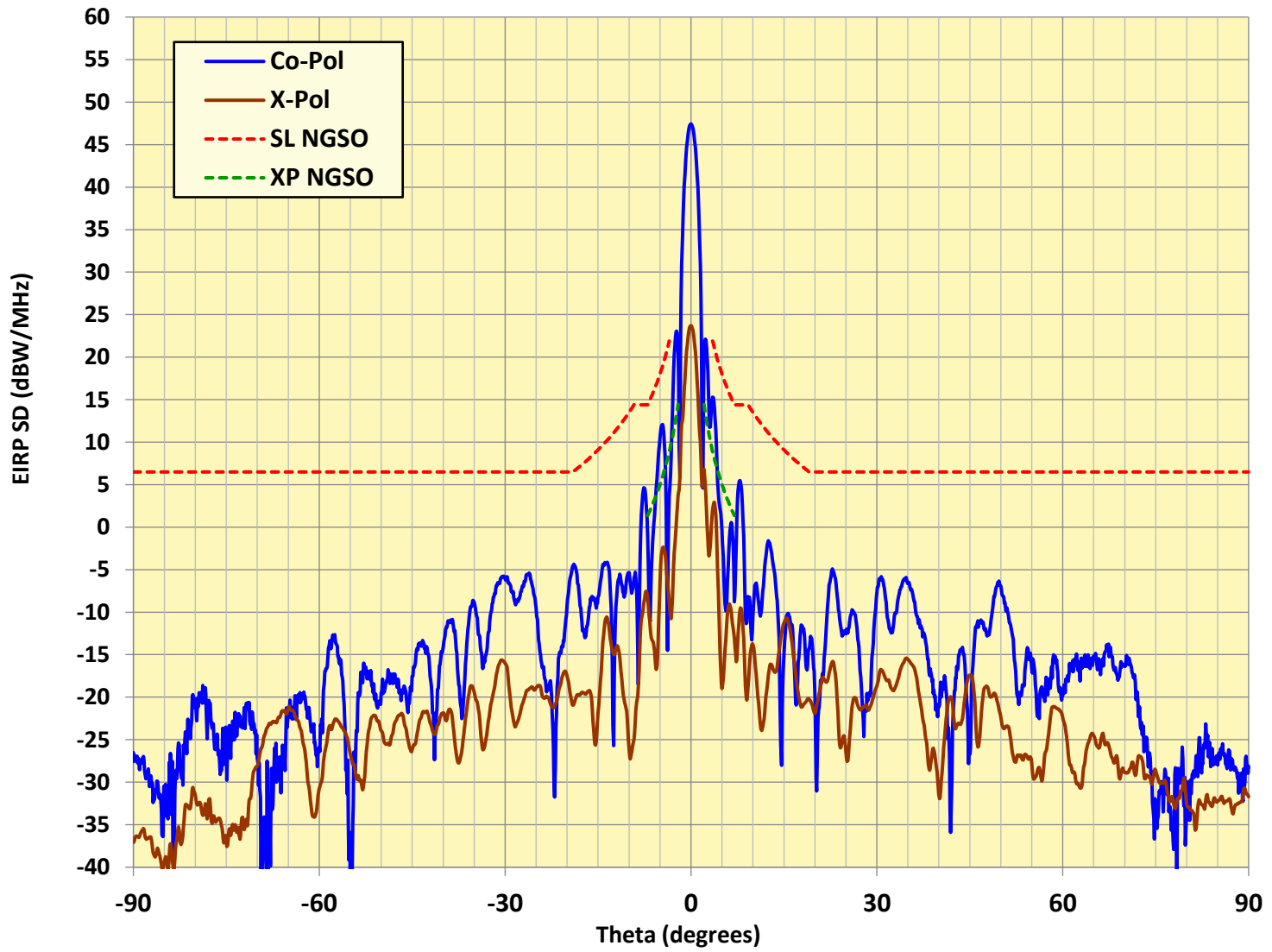
Q113000 SN0002 NGSO: Freq = 28.5GHz, Pol = LHCP, Skew = 45°, Pk EIRP = 47.4dBW/MHz



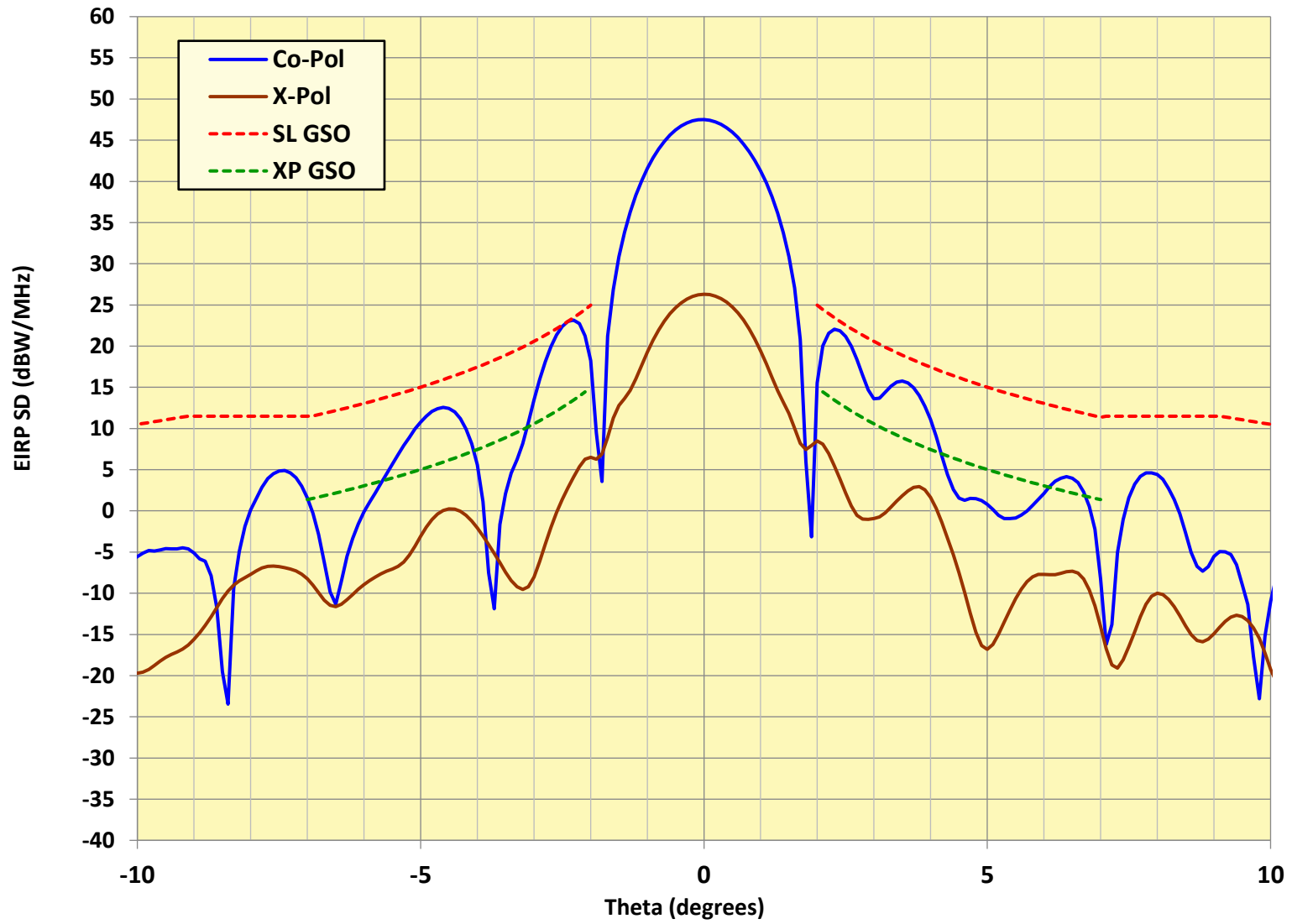
Q113000 SN0002 GSO: Freq = 28.5GHz, Pol = LHCP, Skew = 45°, Pk EIRP = 47.4dBW/MHz



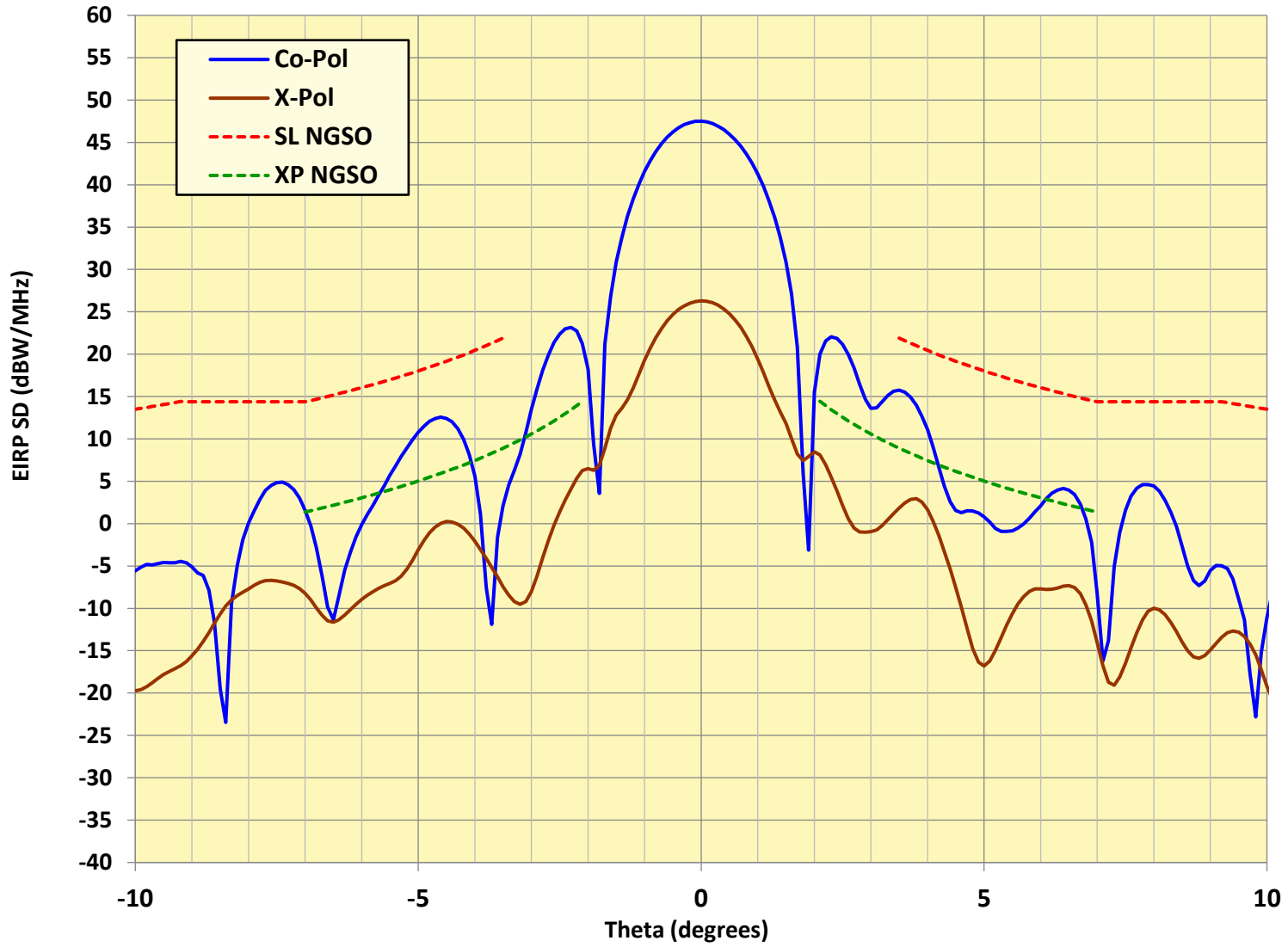
Q113000 SN0002 NGSO: Freq = 28.5GHz, Pol = LHCP, Skew = 45°, Pk EIRP = 47.4dBW/MHz



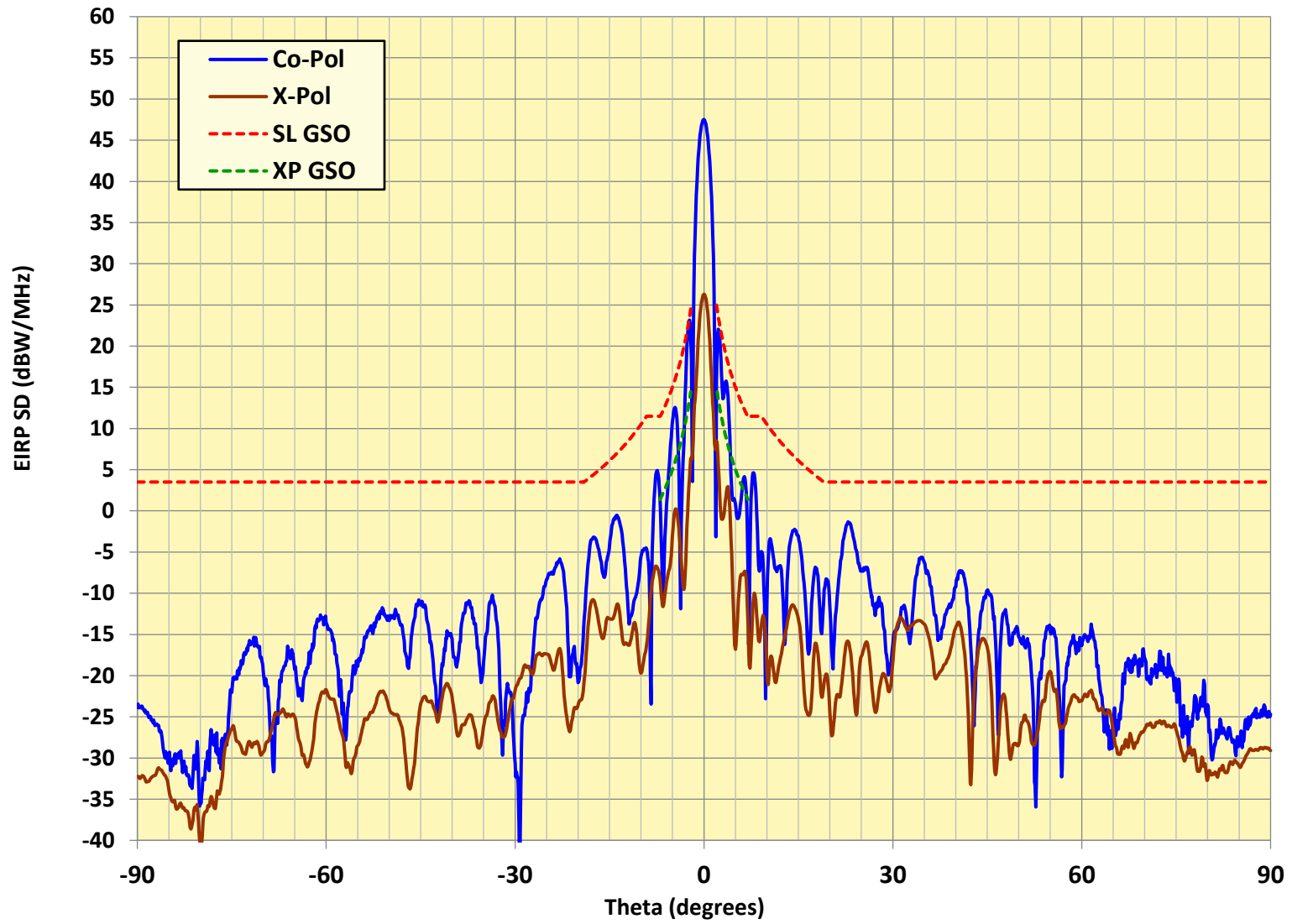
Q113000 SN0002 GSO: Freq = 28.5GHz, Pol = RHCP, Skew = 45°, Pk EIRP = 47.5dBW/MHz



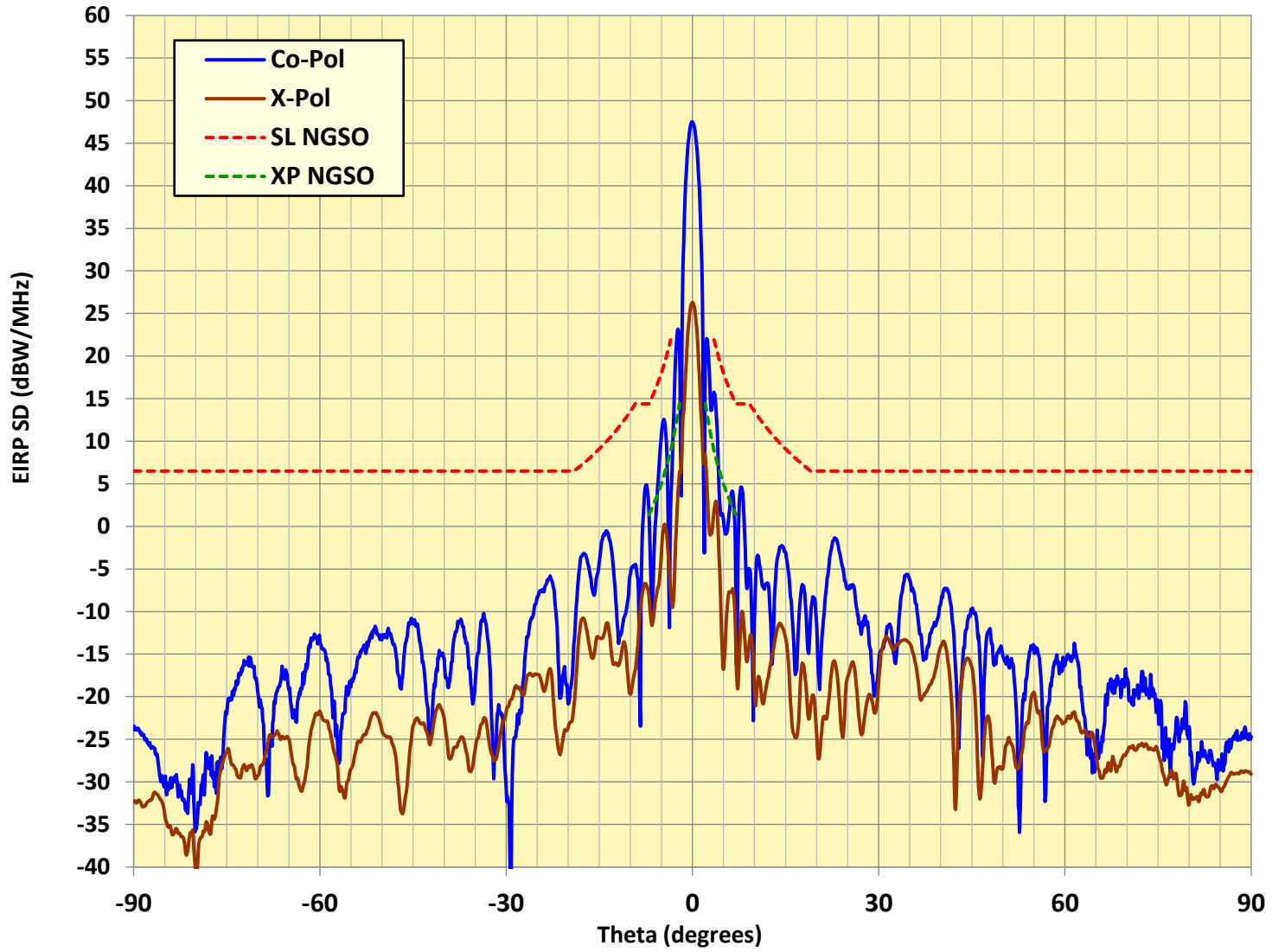
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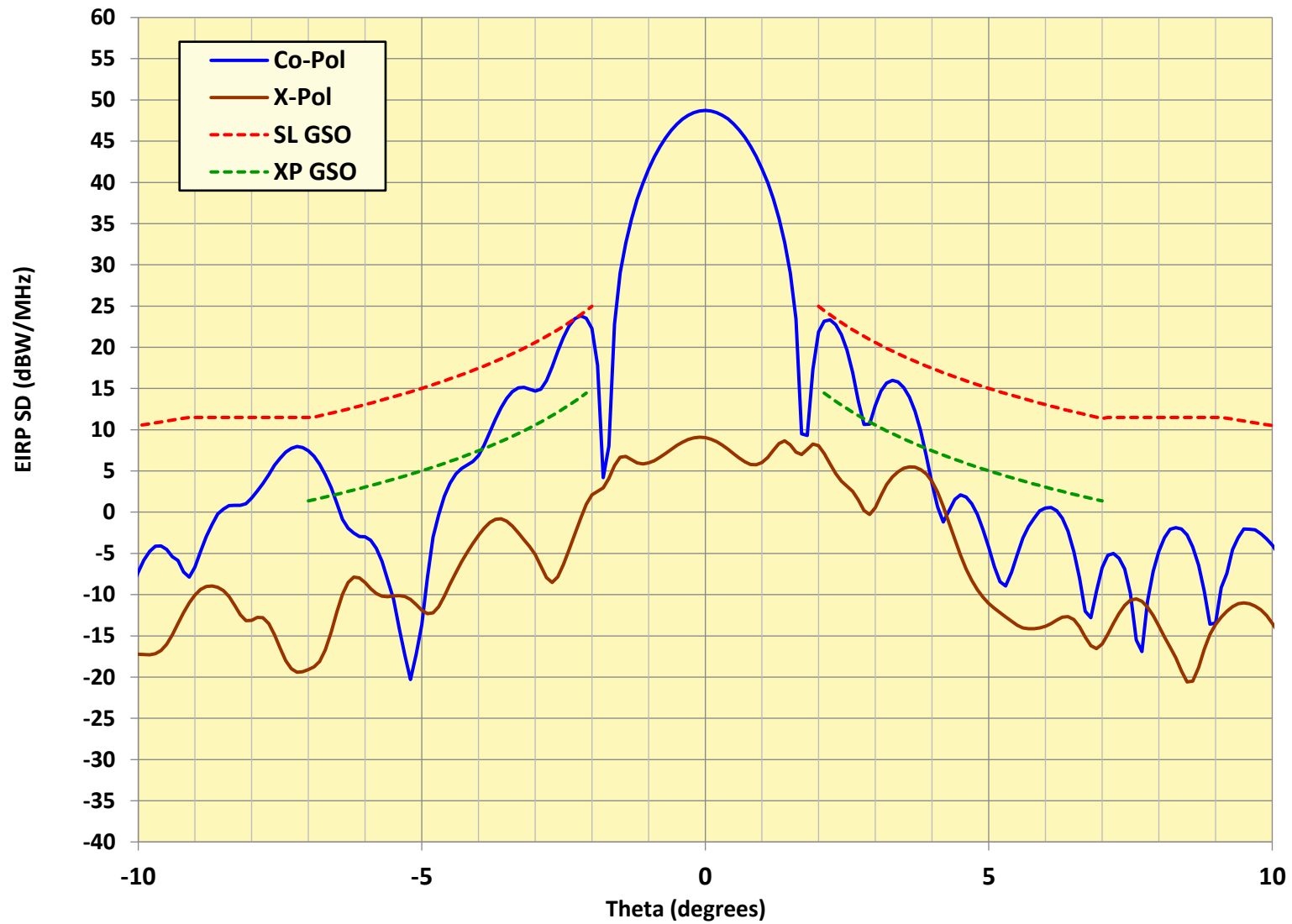


Q113000 SN0002 NGSO: Freq = 28.5GHz, Pol = RHCP, Skew = 45°, Pk EIRP = 47.5dBW/MHz

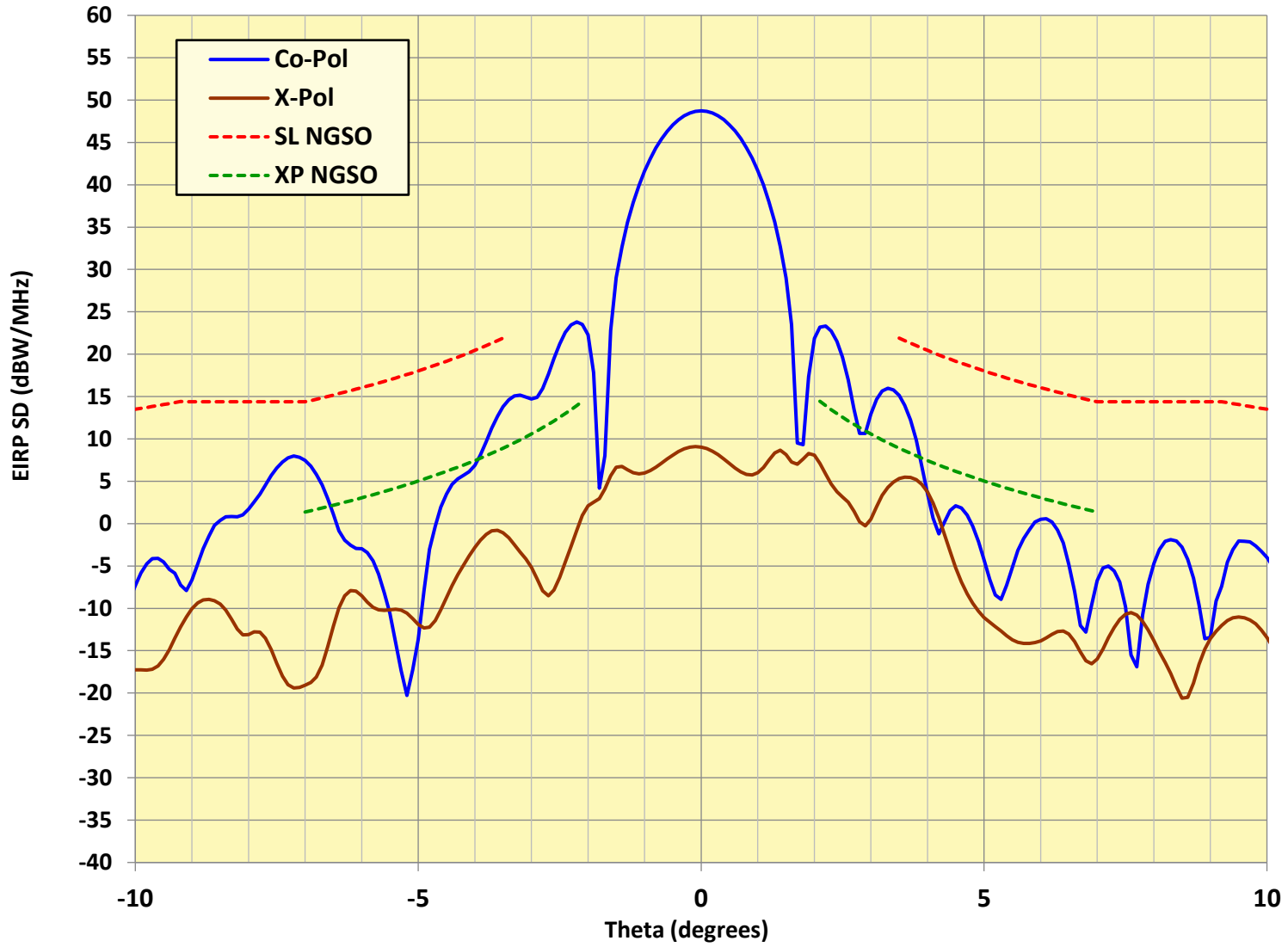


29.5 GHz at 45° Skew Angle

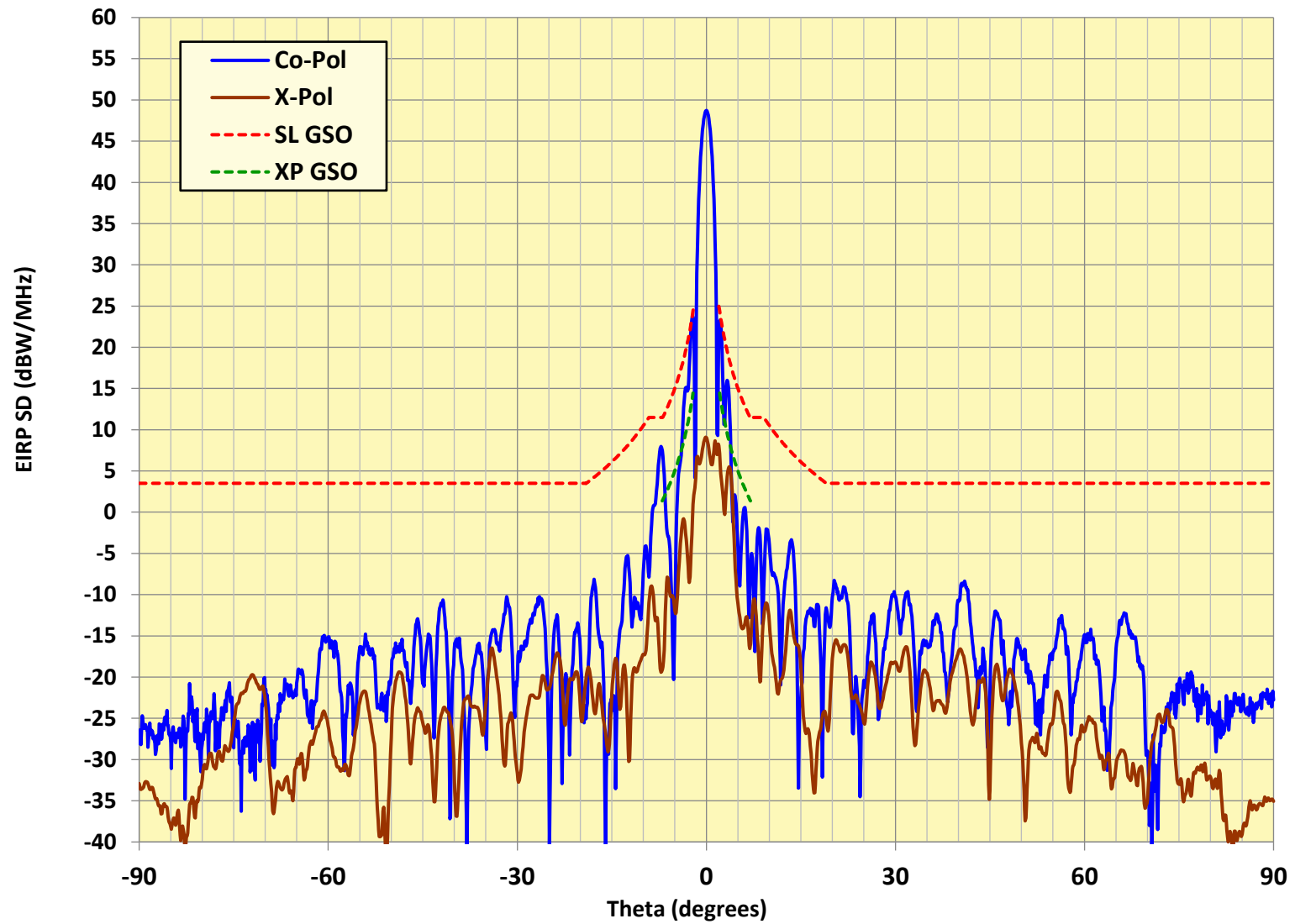
Q113000 SN0002 GSO: Freq = 29.5GHz, Pol = LHCP, Skew = 45°, Pk EIRP = 48.7dBW/MHz



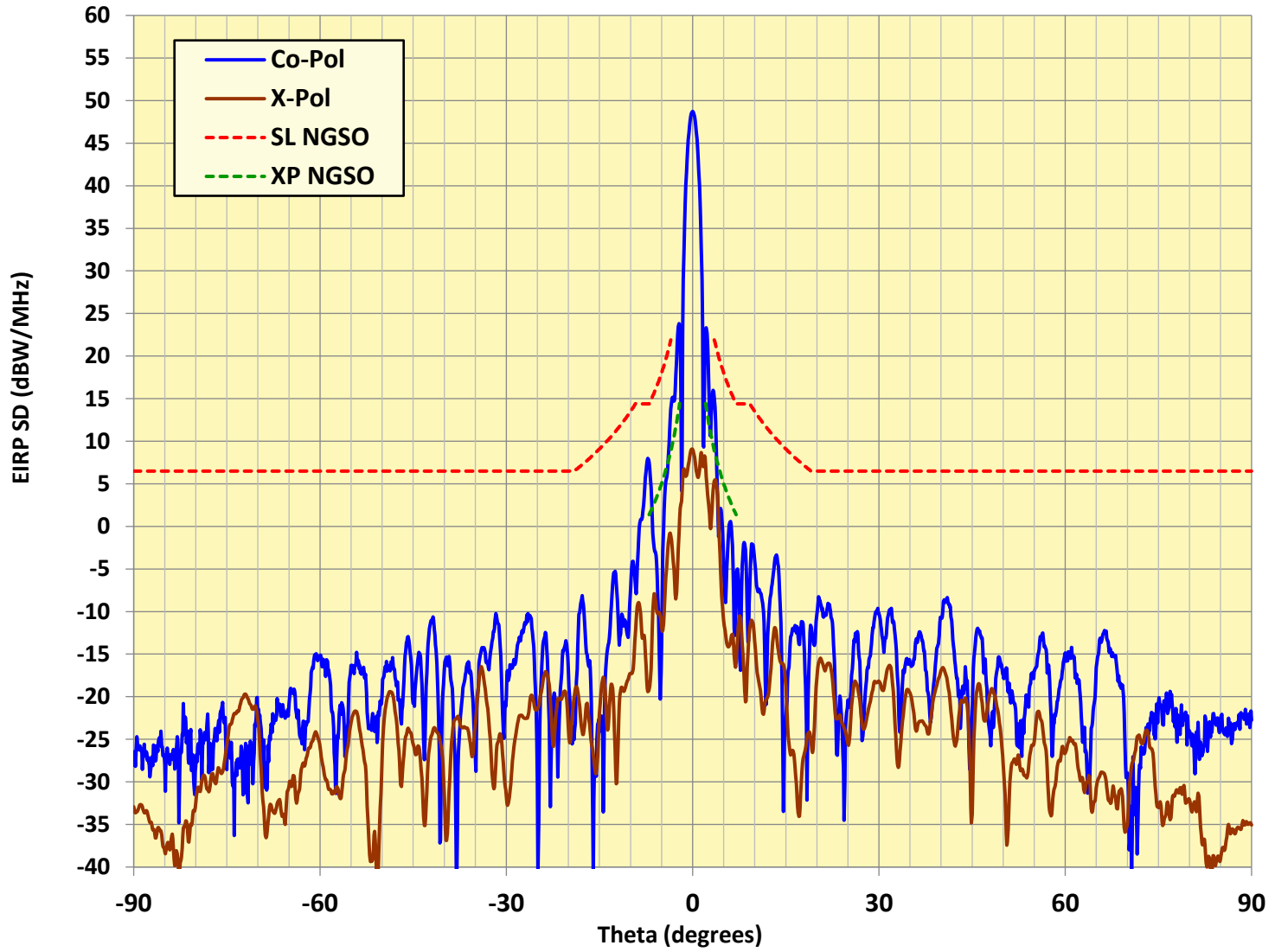
Q113000 SN0002 NGSO: Freq = 29.5GHz, Pol = LHCP, Skew = 45°, Pk EIRP = 48.7dBW/MHz



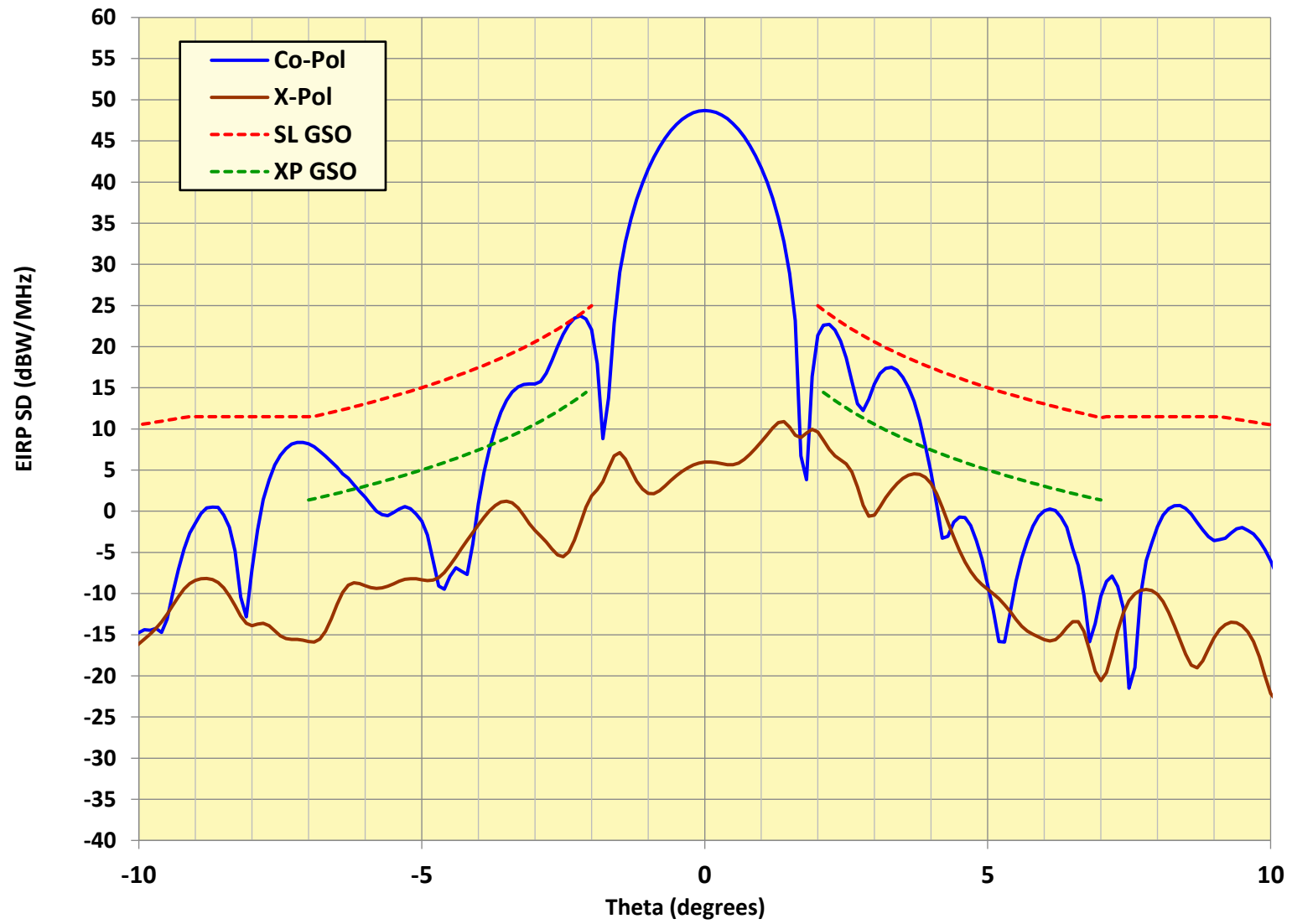
Q113000 SN0002 GSO: Freq = 29.5GHz, Pol = LHCP, Skew = 45°, Pk EIRP = 48.7dBW/MHz

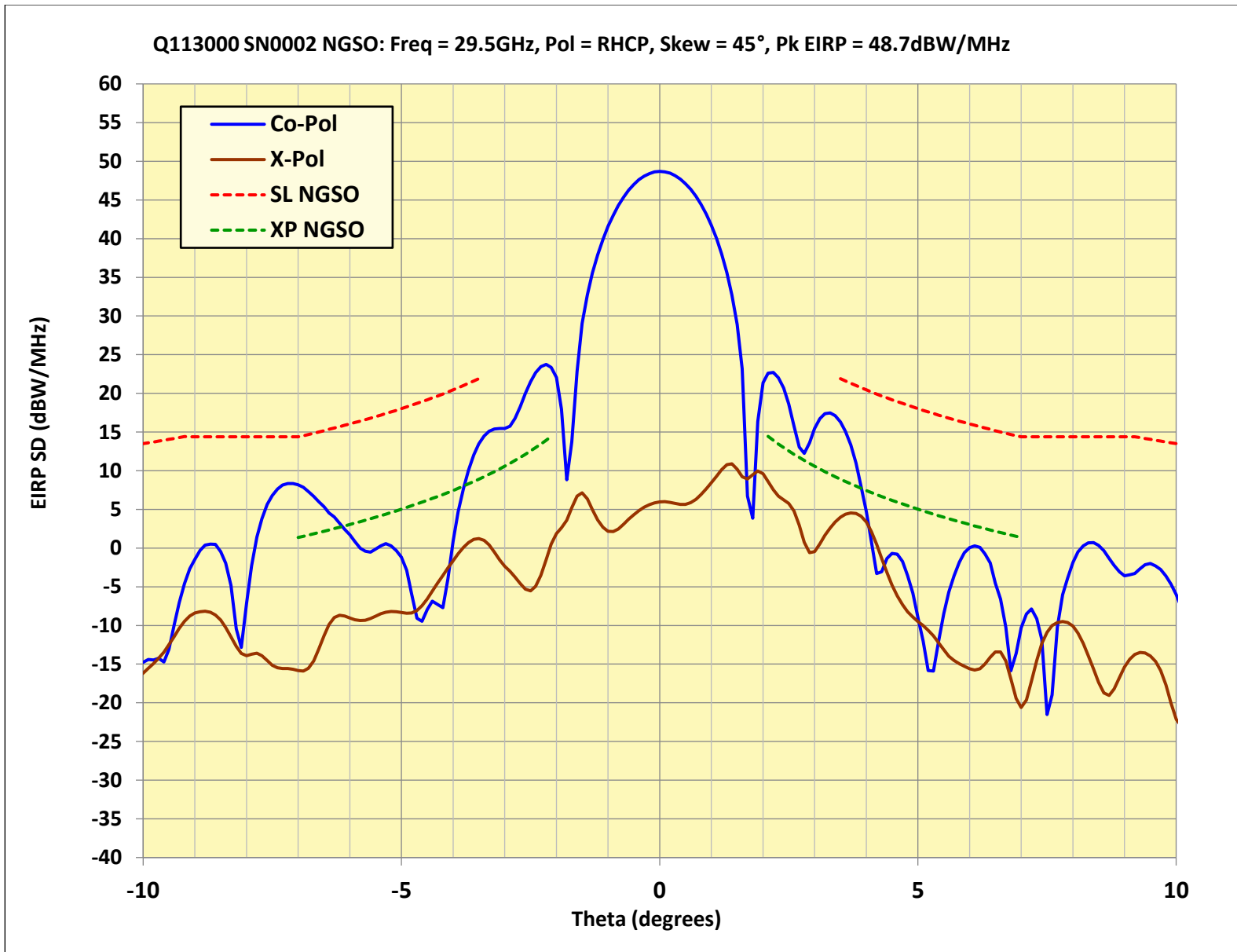


Q113000 SN0002 NGSO: Freq = 29.5GHz, Pol = LHCP, Skew = 45°, Pk EIRP = 48.7dBW/MHz

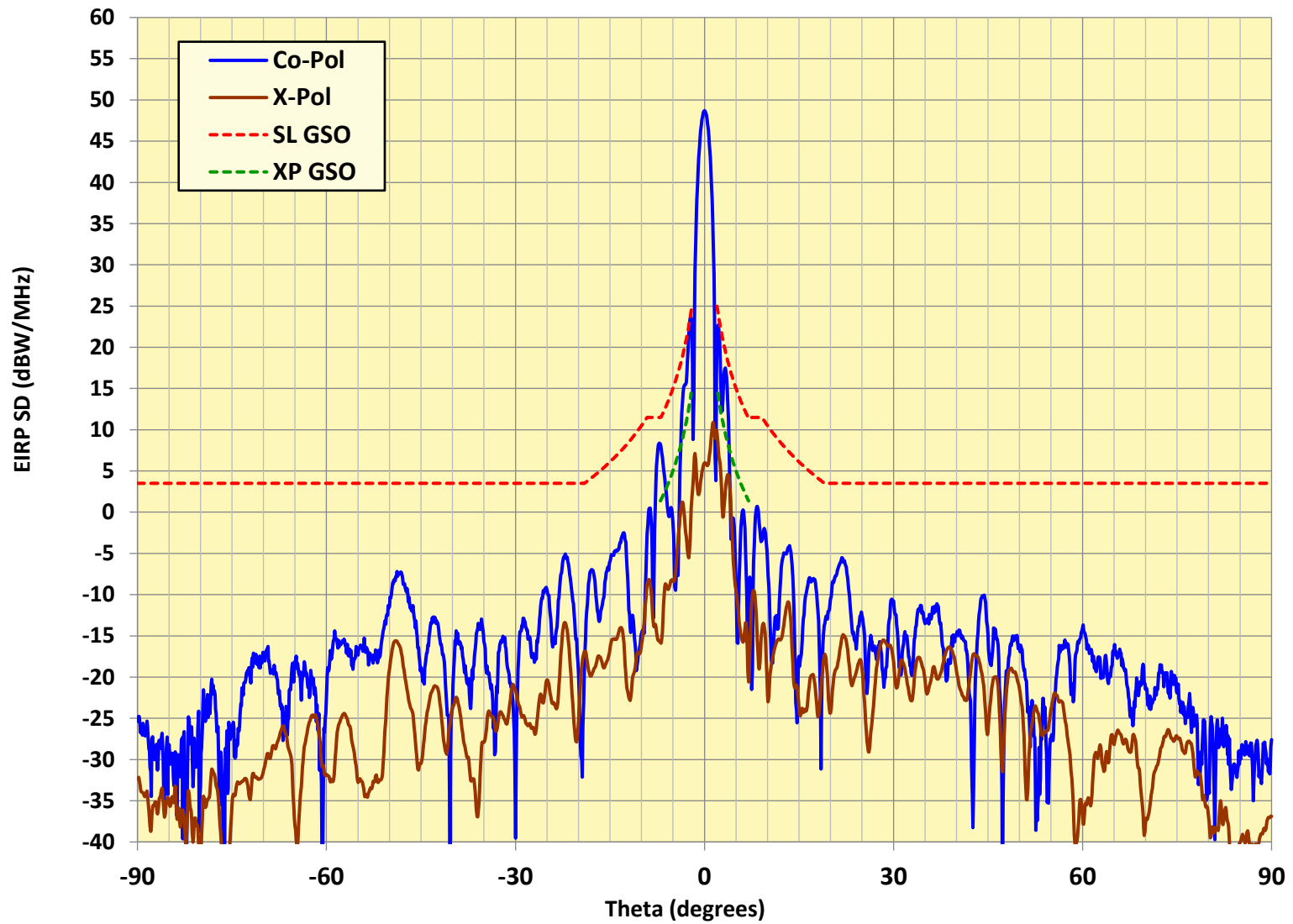


Q113000 SN0002 GSO: Freq = 29.5GHz, Pol = RHCP, Skew = 45°, Pk EIRP = 48.7dBW/MHz

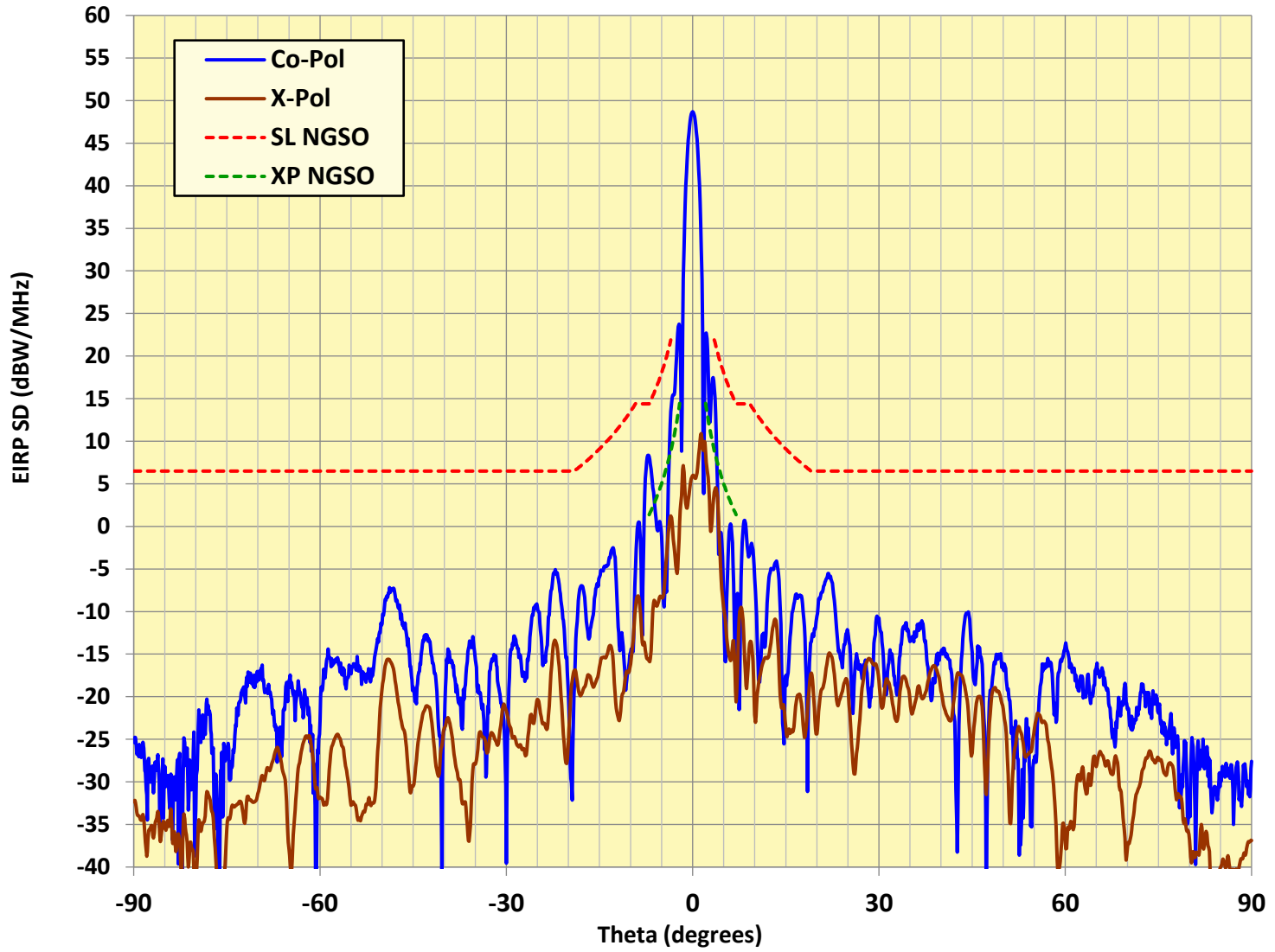




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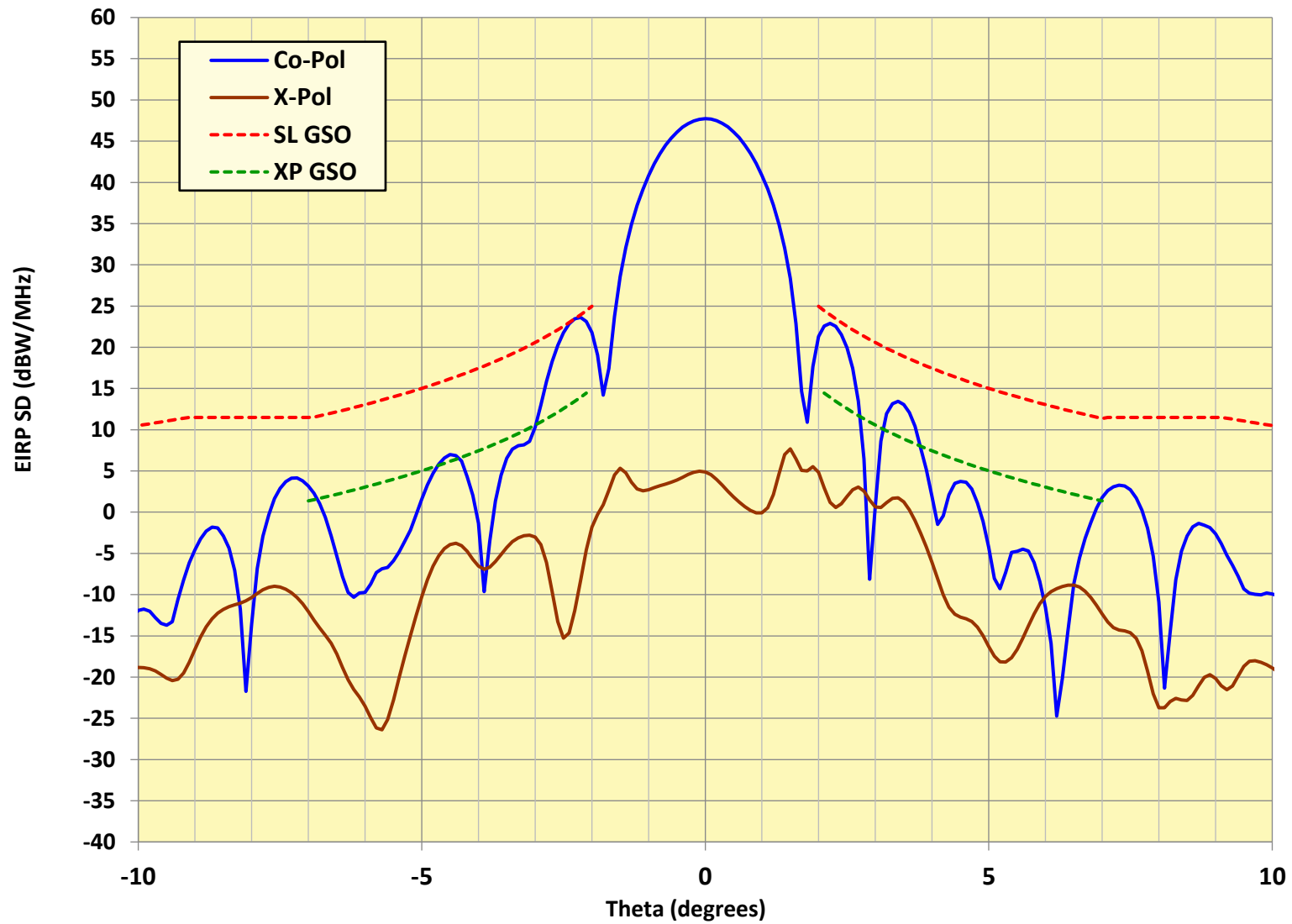


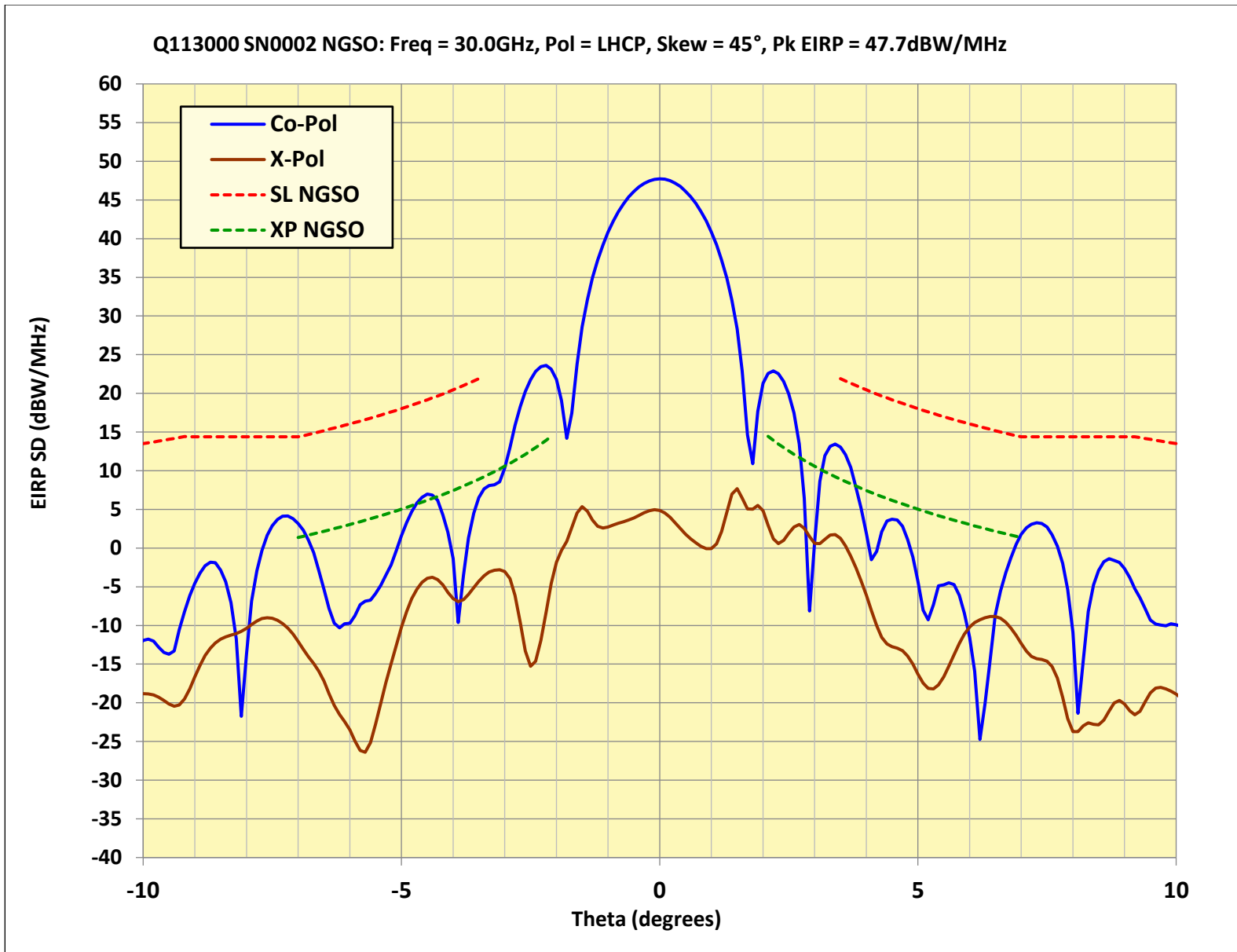
Q113000 SN0002 NGSO: Freq = 29.5GHz, Pol = RHCP, Skew = 45°, Pk EIRP = 48.7dBW/MHz



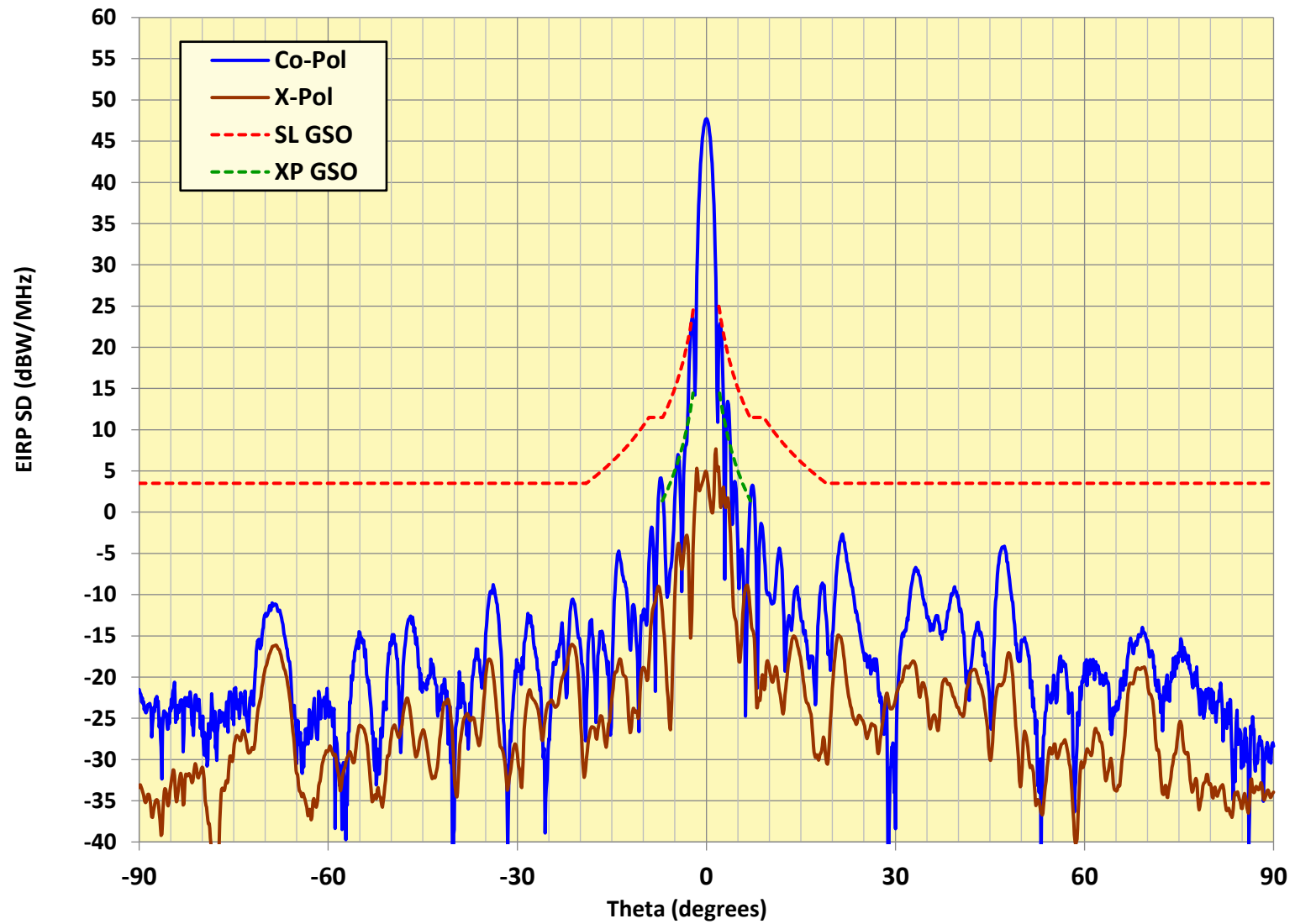
30 GHz at 45° Skew Angle

Q113000 SN0002 GSO: Freq = 30.0GHz, Pol = LHCP, Skew = 45°, Pk EIRP = 47.7dBW/MHz

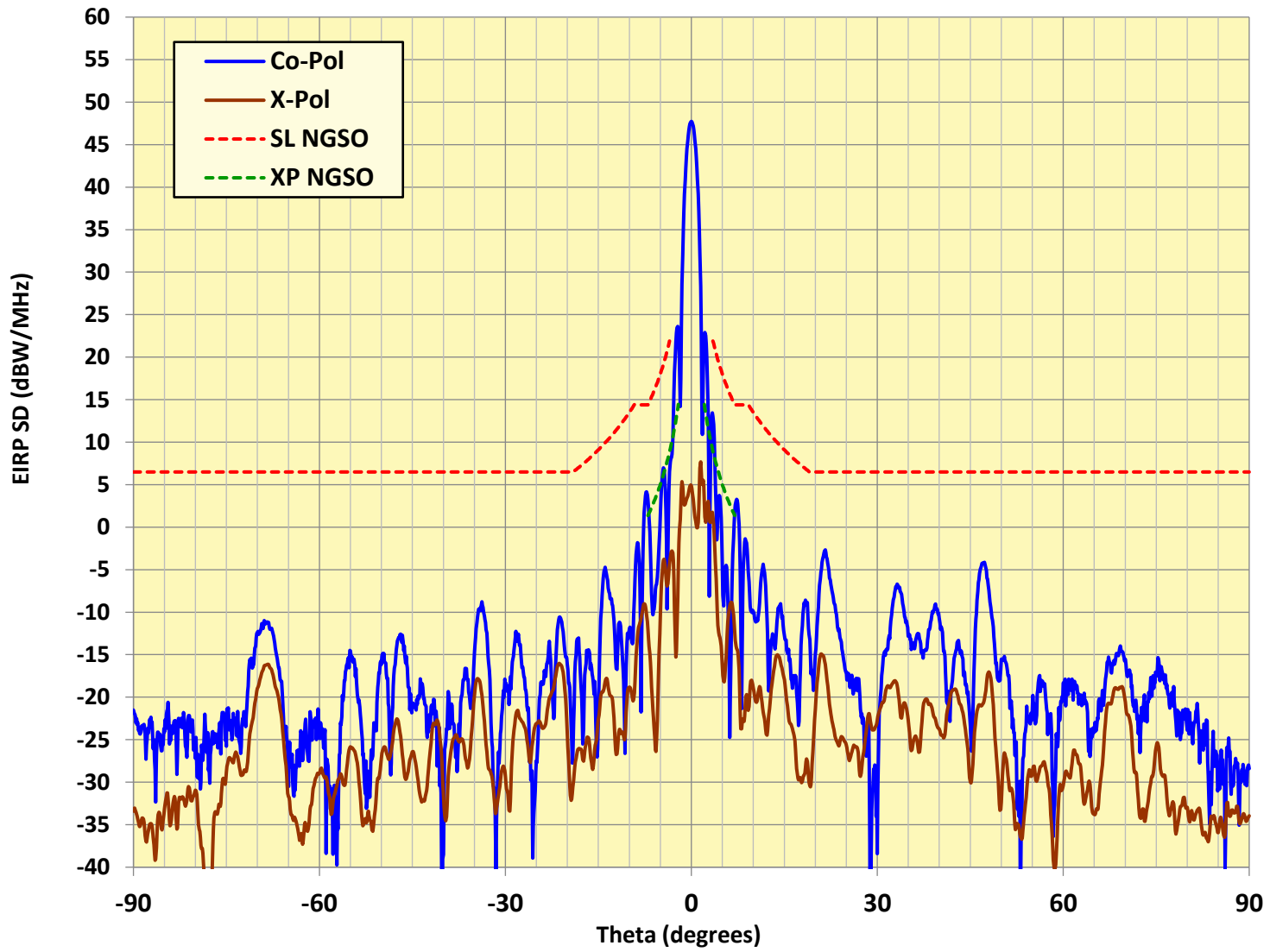




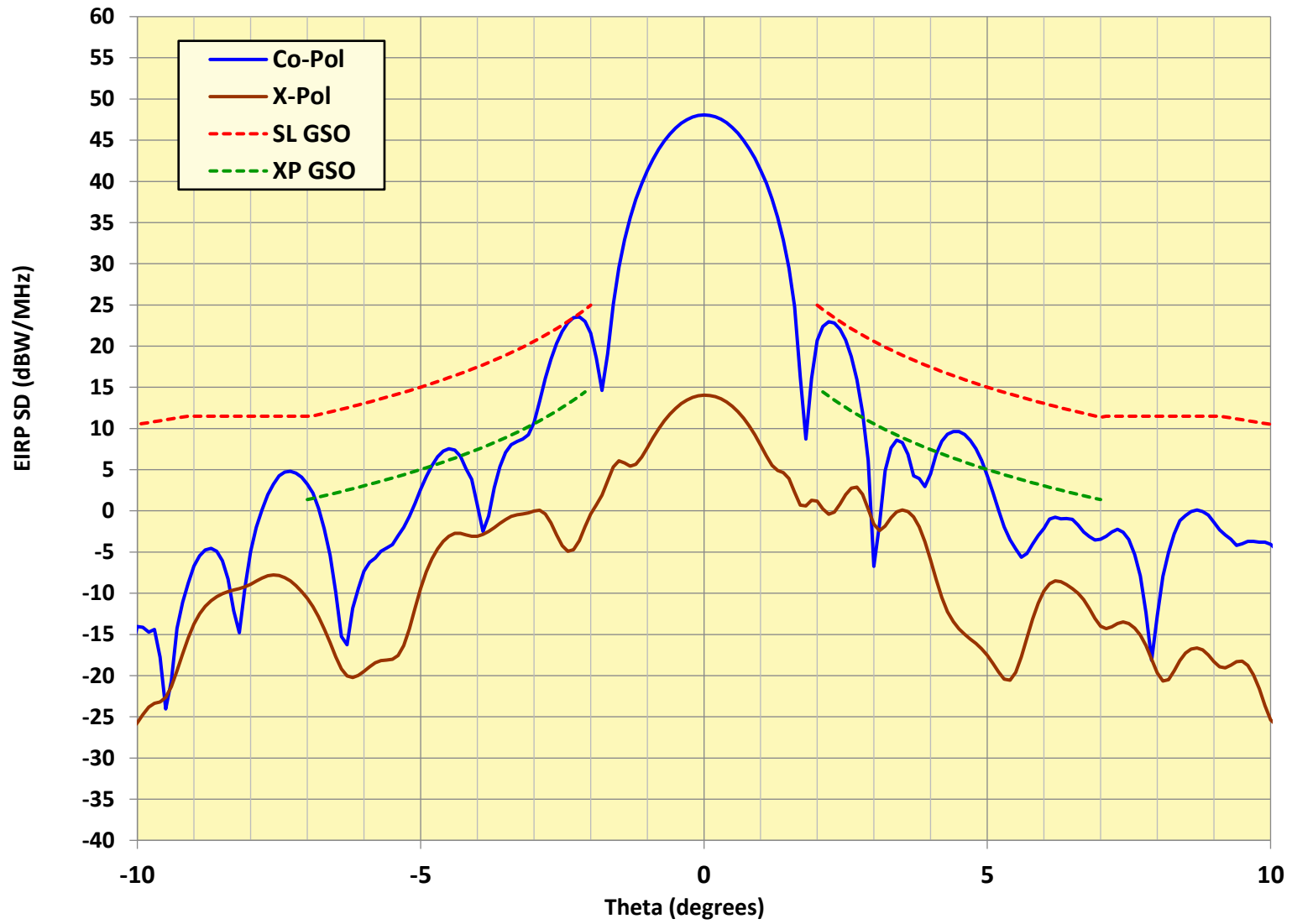
Q113000 SN0002 GSO: Freq = 30.0GHz, Pol = LHCP, Skew = 45°, Pk EIRP = 47.7dBW/MHz

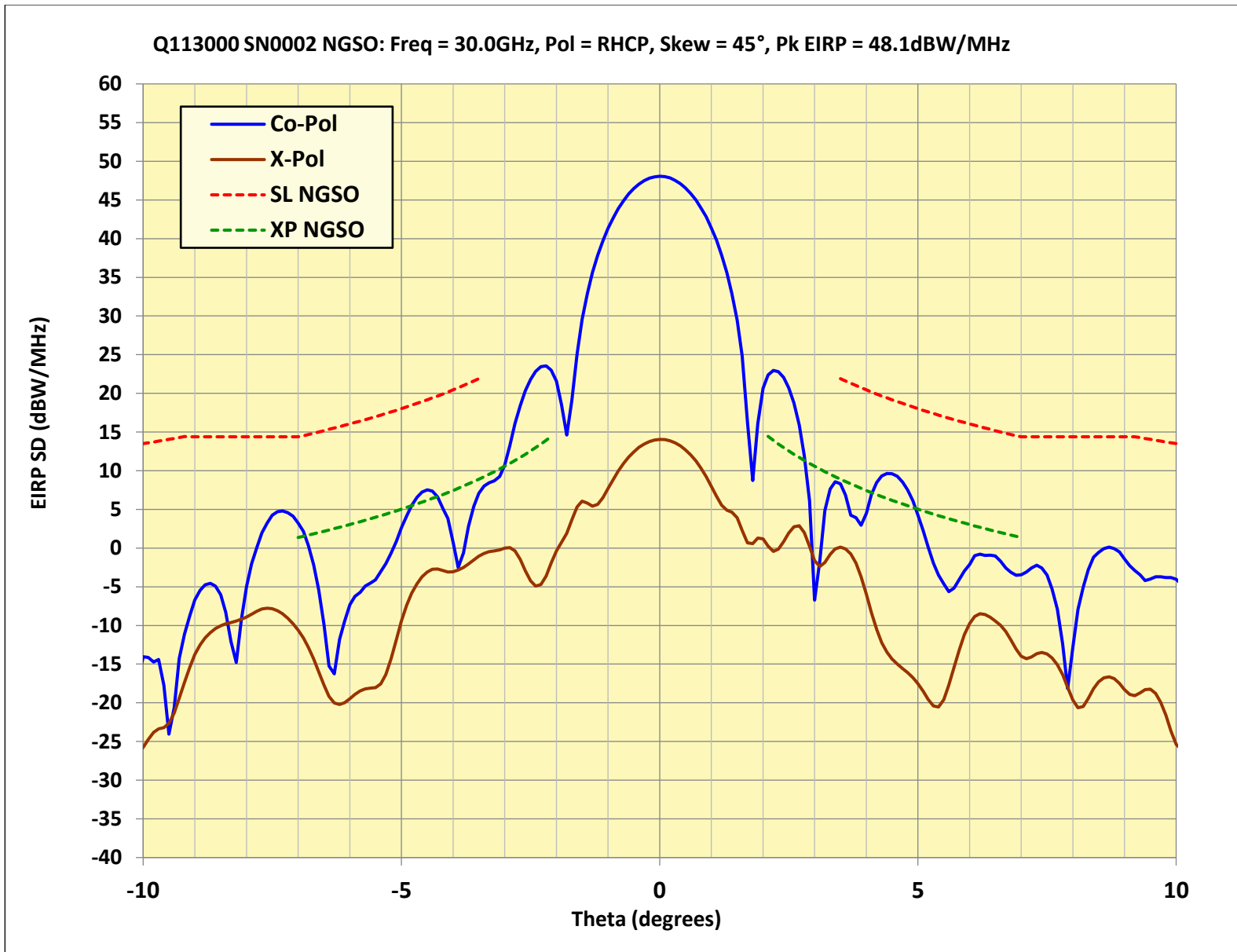


Q113000 SN0002 NGSO: Freq = 30.0GHz, Pol = LHCP, Skew = 45°, Pk EIRP = 47.7dBW/MHz

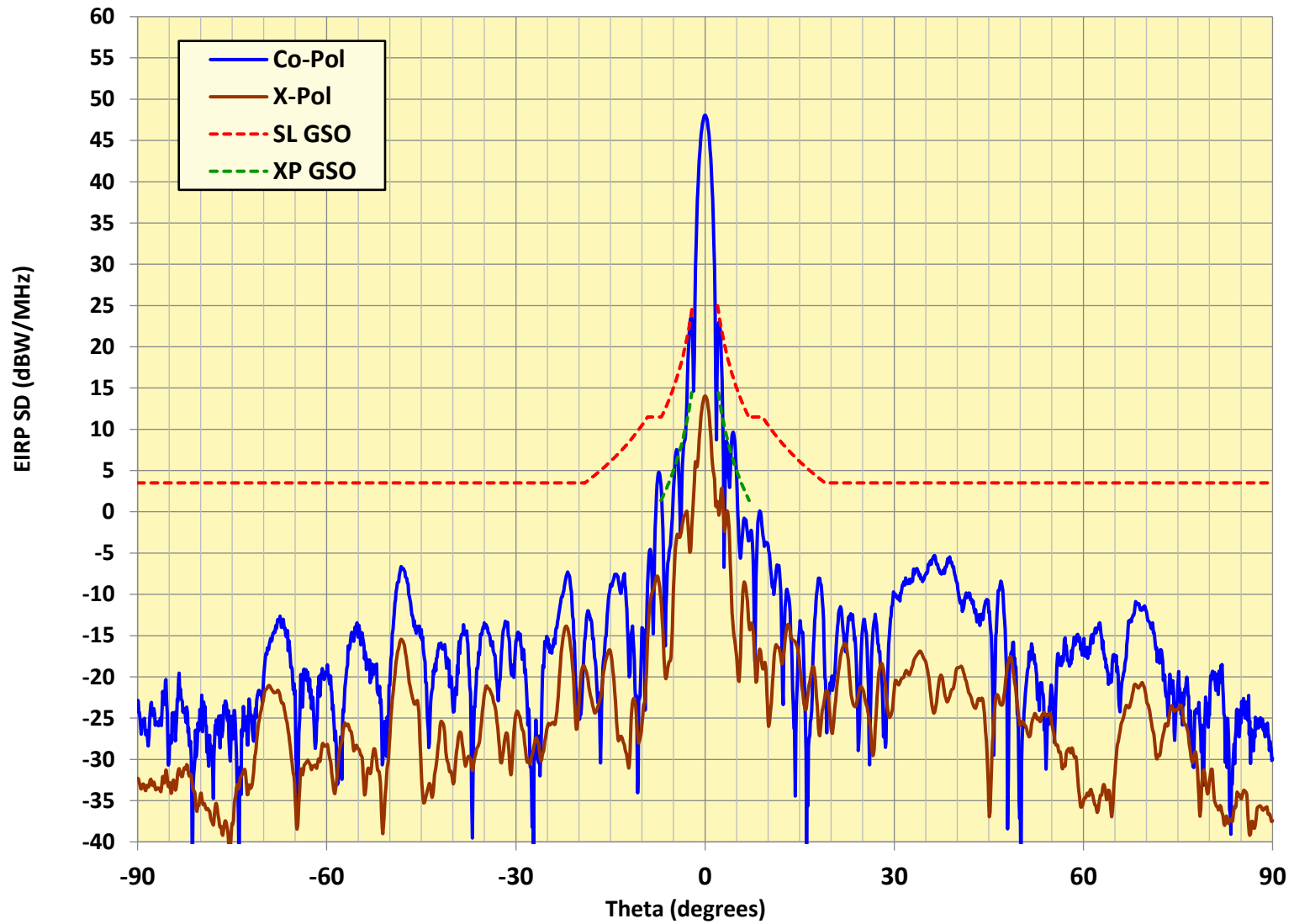


Q113000 SN0002 GSO: Freq = 30.0GHz, Pol = RHCP, Skew = 45°, Pk EIRP = 48.1dBW/MHz

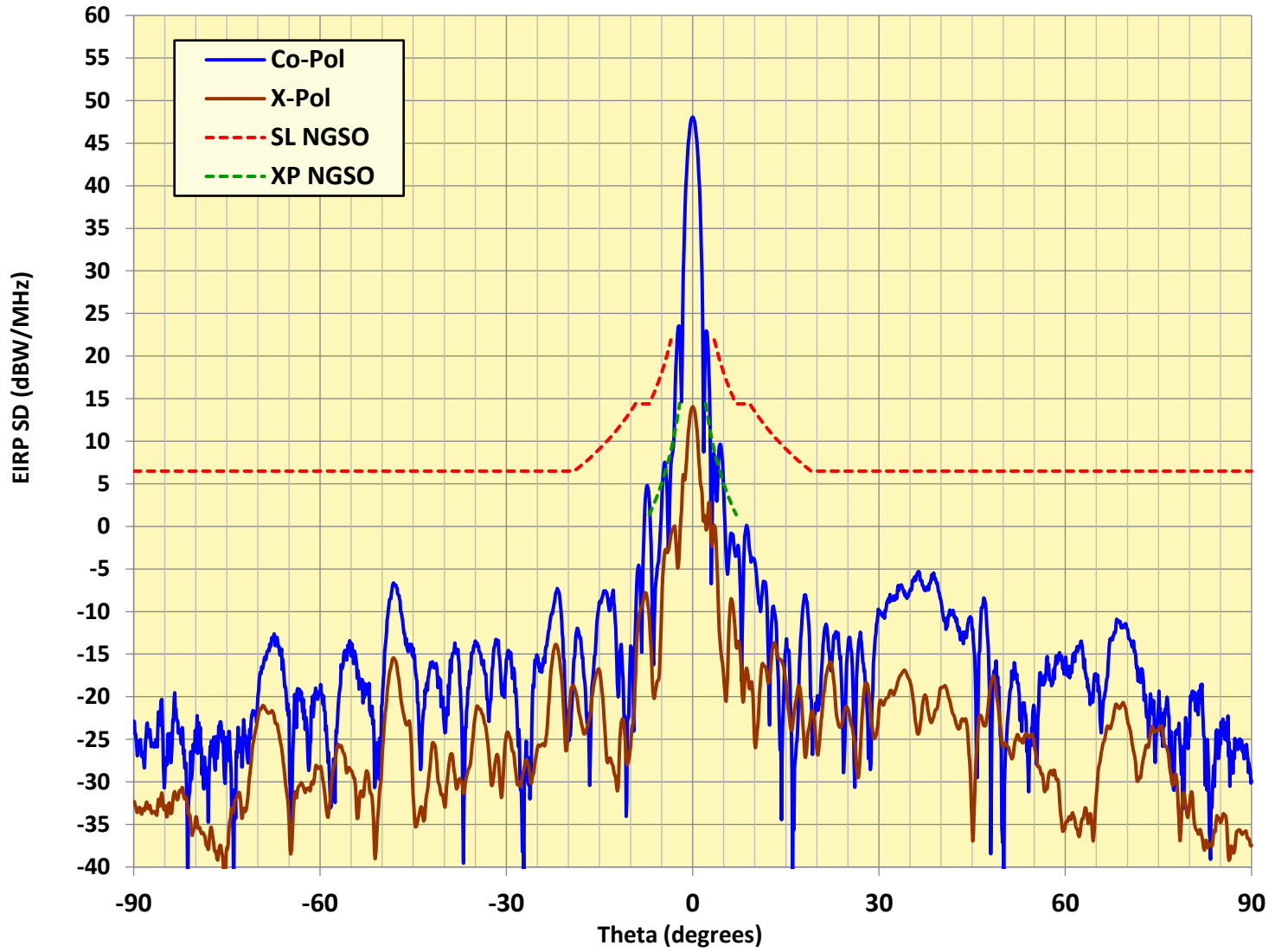




Q113000 SN0002 GSO: Freq = 30.0GHz, Pol = RHCP, Skew = 45°, Pk EIRP = 48.1dBW/MHz



Q113000 SN0002 NGSO: Freq = 30.0GHz, Pol = RHCP, Skew = 45°, Pk EIRP = 48.1dBW/MHz



28.5 GHz Raw Data

LHCP, Co-Pol, Azimuth

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90.00	-13.12	-24.81	-17.84	-24.64	-22.97	-21.41	-20.13	-25.15	-28.77	-26.53	-29.90	-26.79	-28.69	-36.79	-40.39	-47.64	-52.69	-41.22	-16.03
-80.00	-14.68	-18.91	-13.80	-21.28	-21.31	-19.20	-21.58	-22.54	-34.32	-21.07	-28.02	-33.83	-30.70	-39.90	-40.54	-38.81	-56.62	-40.19	-17.11
-70.00	-2.99	-10.24	-17.20	-27.26	-19.13	-28.79	-22.26	-20.55	-21.23	-27.12	-21.08	-18.74	-33.91	-24.10	-38.35	-30.99	-31.98	-41.35	-4.79
-60.00	-19.34	-9.44	-27.40	-13.64	-23.35	-12.58	-11.83	-14.25	-22.03	-25.87	-10.43	-14.74	-18.25	-23.51	-27.77	-40.54	-33.20	-44.25	-3.48
-50.00	-5.97	-14.29	-13.25	-17.28	-12.08	-20.31	-28.47	-12.02	-18.78	-19.49	-18.29	-15.23	-18.98	-34.63	-30.38	-28.67	-32.23	-34.05	-11.88
-40.00	-8.55	-4.54	-15.52	-9.25	-8.93	-22.96	-6.94	-17.45	-15.36	-14.05	-15.56	-10.86	-14.93	-17.80	-21.88	-25.62	-25.19	-24.30	-5.73
-30.00	-5.32	-4.31	-11.14	-5.91	-14.68	-14.85	-13.58	-11.02	-10.37	-6.10	-18.98	-7.73	-23.43	-30.41	-28.53	-36.46	-38.07	-26.57	-2.19
-20.00	-3.56	-4.40	-6.48	-10.87	-2.76	-19.45	-10.50	-4.24	-13.51	-9.24	-1.85	-11.41	-16.86	-35.09	-27.39	-19.56	-22.24	-20.69	-21.37
-10.00	-0.38	0.56	0.22	-7.30	-2.15	-0.73	3.44	1.03	-1.86	-5.32	-5.05	-8.85	-17.95	-14.21	-20.22	-13.41	-8.32	2.85	9.36
-9.00	5.33	6.53	6.14	1.67	2.94	-2.42	-0.01	0.76	-2.49	-5.31	-5.42	-7.03	-9.63	-19.53	-56.07	-23.34	-11.47	3.71	8.07
-8.00	-3.48	-0.49	-0.69	-0.42	6.14	3.25	-2.07	0.50	-8.21	1.43	1.87	-9.27	-10.08	-12.20	-32.47	-27.99	-48.34	-10.08	-11.42
-7.00	-0.84	-0.82	-1.11	-2.47	0.56	0.38	-2.19	-2.01	3.89	-1.05	0.01	-4.79	1.72	-13.71	-14.61	-8.62	-12.17	6.41	8.48
-6.00	6.58	8.26	8.42	9.29	11.80	5.35	5.67	-0.80	-14.47	0.33	0.89	4.78	-0.51	-10.25	-8.79	-4.74	3.55	12.87	13.02
-5.00	8.81	9.48	9.74	6.85	9.27	4.44	0.34	4.33	9.68	10.66	9.71	-5.45	-6.73	-13.85	-6.15	-9.93	8.30	13.07	12.55
-4.00	7.94	9.54	12.84	11.56	16.34	17.13	12.85	14.60	10.43	2.32	-10.91	-0.52	1.07	1.15	-2.29	-5.63	-2.38	-4.92	-17.58
-3.00	-2.71	-3.74	-0.23	0.93	15.59	10.42	16.69	10.26	8.69	13.65	18.22	19.99	16.41	1.32	6.25	13.25	16.04	17.62	17.07
-2.00	20.10	21.95	23.17	24.40	24.97	24.97	24.97	24.59	23.09	17.18	4.28	21.91	24.96	24.96	24.95	24.97	24.97	24.95	23.77
-1.00	31.36	33.01	34.52	35.13	36.71	36.96	37.99	38.94	40.18	41.46	43.18	43.71	39.72	35.16	32.29	30.32	29.02	28.28	26.83
0.00	44.13	45.89	47.08	47.34	47.86	47.22	47.05	47.00	47.20	47.43	48.18	48.01	43.26	37.91	34.41	31.92	30.23	29.29	27.76
1.00	31.32	32.85	34.46	35.04	36.58	36.74	37.99	38.86	40.13	41.41	43.16	43.60	39.75	35.19	32.32	30.32	28.96	28.26	26.83
2.00	18.67	20.39	22.29	23.09	24.26	24.11	23.97	23.51	21.92	14.96	7.09	23.08	24.97	24.97	24.97	24.95	24.88	24.94	23.77
3.00	11.23	12.89	13.29	13.55	16.50	16.20	19.89	18.53	15.14	11.76	16.65	18.91	15.68	-0.41	7.13	13.50	16.31	17.62	17.00
4.00	0.65	1.76	4.26	6.89	12.78	13.00	12.87	9.76	8.96	11.30	10.87	-2.36	0.96	-1.55	-5.67	-5.49	-6.26	-8.88	-7.06
5.00	-16.15	-25.30	-6.14	1.17	11.24	11.82	4.58	-6.99	0.88	-0.37	-10.26	4.78	-3.55	-16.27	-3.92	-9.48	5.61	12.87	12.68
6.00	-1.19	1.05	0.54	-0.14	10.26	7.18	6.10	-6.51	-9.92	-4.47	-11.17	0.26	-7.31	-3.40	-9.18	-2.60	-0.26	12.71	12.91
7.00	-2.56	-0.93	-0.93	0.77	2.28	-15.41	0.10	-3.58	-2.57	-8.77	4.17	-7.82	-1.62	-14.67	-9.93	-7.60	-17.73	6.28	8.95
8.00	6.17	7.12	6.87	3.69	2.01	-7.56	-18.76	-4.10	-6.77	5.33	1.02	-2.75	-18.08	-13.59	-26.41	-25.76	-33.67	-11.22	-19.67
9.00	1.78	3.43	4.81	3.20	2.56	-3.27	-2.18	-0.42	-7.77	-11.17	1.77	-3.43	-17.45	-13.45	-16.05	-17.66	-10.62	3.50	7.74
10.00	7.71	8.13	9.27	6.31	-0.39	0.20	2.15	-0.24	1.01	-10.49	-11.83	-9.70	-19.04	-10.91	-11.72	-11.43	-9.69	2.90	9.27
20.00	-5.64	-6.99	-6.46	-5.83	-3.61	-5.65	-22.85	-4.73	-7.44	-20.03	-8.29	-24.72	-8.98	-14.56	-22.71	-24.17	-28.26	-55.62	-19.78
30.00	-4.97	-4.82	-10.56	-9.24	-10.21	-8.61	-16.15	-11.83	-16.61	-7.70	-8.31	-9.33	-15.04	-22.01	-32.80	-37.16	-43.66	-20.66	-2.48
40.00	-10.10	-3.42	-16.07	-12.41	-15.84	-10.03	-3.91	-10.31	-13.95	-21.19	-8.60	-9.38	-16.69	-32.52	-22.77	-32.67	-34.56	-26.25	-4.58
50.00	-9.48	-11.84	-11.15	-13.63	-17.62	-11.24	-15.13	-17.75	-20.93	-6.96	-11.61	-20.07	-16.12	-21.79	-25.87	-33.26	-30.03	-32.17	-11.67
60.00	-12.87	-22.07	-14.61	-29.58	-7.72	-24.78	-17.61	-20.11	-14.13	-19.84	-7.03	-20.10	-17.22	-33.09	-39.00	-30.41	-40.56	-26.02	-3.54
70.00	-7.37	-11.59	-13.76	-19.66	-23.48	-15.87	-16.19	-23.09	-26.73	-16.39	-18.59	-15.38	-33.47	-31.36	-32.20	-37.25	-30.60	-40.38	-4.15
80.00	-9.83	-18.96	-25.45	-20.46	-26.49	-30.15	-33.30	-46.96	-25.43	-29.93	-21.40	-25.48	-43.36	-35.06	-33.81	-39.45	-45.89	-36.05	-16.47
90.00	-12.63	-22.68	-26.74	-22.43	-22.71	-29.94	-29.69	-31.76	-26.96	-28.14	-22.53	-25.61	-34.26	-37.60	-38.64	-37.45	-50.09	-37.18	-15.38

LHCP, Co-Pol, Elevation

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90.00	-13.03	-38.20	-43.10	-34.14	-26.80	-23.72	-20.07	-21.14	-26.57	-21.43	-24.38	-20.86	-15.01	-18.27	-20.24	-22.49	-16.05	-22.02	-10.12
-80.00	-14.11	-37.16	-47.02	-25.31	-26.95	-26.83	-22.08	-28.18	-24.70	-15.97	-29.93	-18.26	-16.46	-16.06	-18.59	-19.13	-12.02	-16.11	-11.68
-70.00	-1.79	-38.32	-22.38	-17.50	-24.76	-11.03	-25.29	-13.09	-17.75	-22.02	-16.84	-16.27	-17.14	-25.65	-16.41	-25.12	-15.41	-7.44	0.01
-60.00	-0.48	-41.23	-23.60	-27.04	-14.17	-10.44	-9.63	-9.10	-7.11	-20.77	-17.64	-9.97	-6.71	-9.44	-20.63	-11.49	-25.62	-6.65	-16.34
-50.00	-8.88	-31.02	-22.63	-15.17	-16.79	-21.56	-10.36	-9.58	-14.96	-14.38	-14.39	-7.74	-23.34	-17.17	-9.36	-15.13	-11.47	-11.49	-2.97
-40.00	-2.73	-21.27	-15.60	-12.13	-8.28	-4.73	-6.32	-5.21	-12.23	-8.95	-10.97	-13.17	-1.82	-19.82	-6.20	-7.10	-13.74	-1.74	-5.55
-30.00	0.81	-23.55	-28.48	-22.97	-14.94	-17.34	-14.82	-2.08	-15.66	-1.00	-5.98	-6.74	-8.45	-11.71	-11.96	-3.77	-9.35	-1.51	-2.32
-20.00	-18.37	-17.67	-12.65	-6.06	-13.80	-22.02	-8.24	-5.76	1.48	-4.14	-9.12	0.04	-5.38	-16.31	-0.04	-8.72	-4.70	-1.60	-0.56
-10.00	12.36	5.88	1.28	0.09	-6.63	-1.13	-9.33	-3.21	-1.72	-0.22	2.53	5.31	8.56	2.41	0.57	-5.15	2.00	3.36	2.62
-9.00	11.07	6.73	-1.87	-9.84	-42.47	-6.45	-1.01	-1.38	-2.09	-0.21	1.90	5.05	5.11	0.73	5.66	3.82	7.92	9.32	8.33
-8.00	-8.42	-7.06	-38.74	-14.49	-18.87	0.87	-1.46	-3.63	5.20	6.53	-3.82	4.79	3.05	6.39	8.86	1.73	1.09	2.31	-0.48
-7.00	11.48	9.44	-2.58	4.88	-1.01	-0.63	10.34	0.86	3.34	4.06	8.28	2.27	2.93	3.52	3.28	-0.32	0.67	1.98	2.16
-6.00	16.02	15.90	13.14	8.75	4.80	2.82	8.11	10.43	4.22	5.43	-10.08	3.49	10.79	8.49	14.52	11.44	10.21	11.06	9.58
-5.00	15.55	16.10	17.90	3.57	7.44	-0.78	1.89	0.19	13.04	15.76	14.07	8.62	5.46	7.58	11.99	9.00	11.52	12.28	11.81
-4.00	-14.58	-1.89	7.21	7.87	11.31	14.22	9.69	5.13	-7.59	7.42	14.82	18.88	17.97	20.27	19.06	13.71	14.63	12.34	10.94
-3.00	20.07	20.64	25.64	26.75	19.85	14.39	25.03	25.64	21.54	18.76	13.08	14.55	21.81	13.56	18.32	3.08	1.56	-0.94	0.29
-2.00	26.77	27.98	34.57	38.47	38.55	38.03	33.58	27.56	7.61	22.29	27.48	28.87	30.10	28.11	27.70	26.55	24.95	24.75	23.10
-1.00	29.83	31.31	38.62	43.82	45.88	48.23	48.33	49.35	46.51	46.56	44.57	43.22	43.12	40.11	39.44	37.28	36.30	35.80	34.36
0.00	30.76	32.31	39.83	45.42	48.01	50.98	51.88	53.66	51.51	52.53	51.59	51.28	52.17	50.36	50.58	49.48	48.86	48.69	47.13
1.00	29.83	31.29	38.55	43.82	45.91	48.26	48.37	49.25	46.48	46.51	44.52	43.14	43.11	39.88	39.31	37.19	36.24	35.65	34.32
2.00	26.77	27.96	34.48	38.45	38.57	38.05	33.59	28.73	10.42	20.06	26.31	27.79	29.09	27.26	26.98	25.24	24.08	23.19	21.67
3.00	20.00	20.65	25.91	27.00	20.72	12.66	24.30	24.56	19.97	16.86	19.53	22.81	25.02	19.34	19.22	15.70	15.07	15.69	14.23
4.00	-4.06	-5.85	3.33	8.01	7.93	11.52	9.58	3.29	14.19	16.40	13.35	14.05	17.99	16.14	15.50	9.03	6.04	4.56	3.65
5.00	15.68	15.90	15.21	4.02	9.67	-3.20	5.07	10.42	-6.93	4.73	5.27	-2.70	9.70	14.96	13.97	3.32	-4.36	-22.51	-13.15
6.00	15.91	15.74	9.34	10.90	4.42	9.68	1.31	5.91	-7.84	0.63	-5.53	-2.23	11.23	10.32	12.98	2.01	2.32	3.85	1.81
7.00	11.95	9.31	-8.14	5.90	3.67	-1.60	7.00	-2.17	7.50	-3.67	1.81	0.71	5.22	-12.27	5.00	2.92	0.85	1.87	0.44
8.00	-16.67	-8.19	-24.08	-12.26	-12.82	-0.52	-9.46	2.89	4.34	10.43	-2.38	0.19	-13.64	-4.42	4.73	5.84	8.65	9.92	9.17
9.00	10.74	6.53	-1.02	-4.16	-2.46	-0.38	-8.84	2.22	5.09	-6.07	-3.38	3.86	2.94	-0.13	5.28	5.35	6.59	6.23	4.78
10.00	12.27	5.93	-0.10	2.07	1.88	2.16	-10.42	-4.05	-8.50	-5.39	5.39	4.04	7.27	3.34	2.33	8.46	11.05	10.93	10.71
20.00	-16.78	-52.60	-18.67	-10.67	-9.11	-1.49	-0.36	-19.07	-4.96	-14.93	-3.05	-0.45	-17.73	-2.51	-0.89	-3.68	-4.68	-4.19	-2.64
30.00	0.52	-17.63	-34.06	-23.66	-19.21	-8.94	-6.43	-3.68	-4.99	-2.60	-12.22	-7.55	-11.03	-5.47	-7.49	-7.09	-8.78	-2.02	-1.97
40.00	-1.58	-23.23	-24.96	-19.18	-9.17	-19.44	-8.07	-3.73	-5.27	-16.09	-9.56	-6.03	1.22	-6.89	-13.12	-10.27	-14.28	-0.62	-7.10
50.00	-8.67	-29.14	-20.43	-19.76	-12.27	-8.72	-7.51	-14.43	-8.29	-1.86	-16.54	-13.47	-10.01	-8.10	-14.90	-11.48	-9.36	-9.04	-6.48
60.00	-0.54	-23.00	-30.97	-16.91	-25.40	-20.02	-8.60	-14.45	-3.70	-14.74	-9.74	-15.83	-12.49	-21.64	-5.00	-27.43	-12.83	-19.27	-9.87
70.00	-1.15	-37.36	-21.00	-23.75	-18.61	-18.29	-24.85	-9.73	-15.26	-11.29	-22.34	-18.80	-11.07	-12.73	-20.76	-17.52	-11.98	-8.79	-4.37
80.00	-13.47	-33.02	-36.30	-25.96	-20.21	-21.99	-34.74	-19.84	-18.07	-24.82	-21.04	-42.68	-28.18	-27.01	-23.76	-18.31	-23.67	-16.16	-6.83
90.00	-12.38	-34.16	-40.50	-23.95	-25.05	-24.53	-25.64	-19.96	-19.21	-23.04	-22.57	-27.47	-24.57	-26.80	-19.99	-20.28	-24.96	-19.89	-9.63

LHCP, Cross-Pol, Azimuth

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90.00	-30.90	-27.76	-25.83	-28.20	-31.21	-30.43	-33.85	-38.32	-37.54	-37.08	-31.14	-32.56	-44.30	-38.56	-40.94	-47.05	-52.06	-51.78	-24.37
-80.00	-26.30	-26.01	-23.28	-28.58	-28.57	-28.81	-34.44	-41.81	-43.28	-31.52	-32.19	-31.06	-44.74	-40.64	-42.14	-51.71	-49.62	-52.33	-23.03
-70.00	-15.22	-23.68	-24.49	-34.77	-23.78	-36.85	-27.16	-35.45	-32.38	-28.13	-25.28	-26.71	-42.29	-39.08	-42.65	-49.84	-40.13	-44.10	-20.96
-60.00	-21.30	-24.29	-23.95	-31.73	-26.95	-22.40	-34.91	-29.98	-23.68	-30.72	-20.55	-22.00	-22.16	-35.15	-30.57	-40.42	-39.25	-40.41	-21.71
-50.00	-24.29	-20.35	-21.87	-21.41	-18.72	-24.47	-23.29	-22.80	-26.08	-23.95	-30.64	-24.53	-30.16	-30.36	-35.93	-48.22	-42.41	-43.25	-14.82
-40.00	-17.06	-24.99	-19.86	-27.78	-29.04	-25.74	-13.70	-26.71	-28.16	-21.85	-20.48	-21.00	-22.65	-30.25	-38.47	-37.53	-34.44	-38.16	-19.28
-30.00	-17.34	-18.28	-18.31	-21.46	-24.53	-14.72	-17.25	-23.69	-19.55	-16.02	-18.51	-12.96	-26.25	-27.98	-31.27	-27.35	-34.44	-32.33	-19.34
-20.00	-13.78	-14.68	-18.44	-14.22	-13.39	-24.19	-21.87	-21.47	-31.90	-17.50	-11.76	-14.03	-20.80	-35.67	-38.64	-32.27	-33.02	-31.89	-17.00
-10.00	-14.68	-10.85	-10.00	-16.12	-20.53	-15.66	-17.12	-13.00	-14.56	-26.17	-21.33	-20.72	-23.67	-32.09	-22.12	-25.00	-28.77	-19.20	-11.16
-9.00	-11.83	-11.27	-10.82	-9.76	-12.13	-18.59	-16.41	-18.91	-21.55	-22.88	-19.74	-18.15	-23.55	-24.63	-20.10	-30.53	-32.03	-19.32	-15.41
-8.00	-16.97	-14.47	-9.71	-9.00	-10.98	-9.58	-17.96	-18.26	-19.15	-10.87	-8.94	-11.38	-18.44	-22.80	-25.03	-27.70	-32.32	-15.96	-15.08
-7.00	-10.68	-8.18	-7.39	-10.02	-13.23	-20.04	-23.59	-16.13	-8.58	-8.35	-9.94	-11.43	-22.22	-23.21	-23.78	-24.04	-23.77	-11.46	-9.32
-6.00	-14.31	-12.07	-9.49	-7.59	-6.82	-10.80	-17.84	-13.10	-14.53	-13.87	-13.83	-23.68	-13.11	-14.19	-20.44	-19.17	-16.60	-8.64	-7.61
-5.00	-4.00	-3.34	-4.47	-6.70	-7.37	-7.69	-9.16	-7.43	-4.42	-6.24	-6.11	-5.03	-8.81	-16.67	-14.05	-17.53	-14.19	-9.99	-10.18
-4.00	-4.66	-4.36	-3.99	-3.18	-2.01	-1.85	0.39	2.76	-0.18	-4.52	-8.94	-11.99	-13.98	-14.19	-14.24	-16.14	-24.30	-20.90	-16.79
-3.00	-0.89	0.75	1.72	1.72	1.59	-0.04	-2.07	-5.70	-9.12	-8.32	-4.09	-2.39	-5.95	-7.76	-6.11	-8.18	-6.89	-5.56	-5.73
-2.00	-0.42	1.14	2.34	2.58	3.53	3.04	2.90	3.04	3.59	4.09	5.28	10.21	5.74	2.56	1.84	1.57	1.42	1.45	0.45
-1.00	9.63	11.34	12.96	13.26	13.21	13.47	13.70	14.84	16.09	17.39	19.15	19.99	16.08	11.54	8.67	6.69	5.37	4.66	3.28
0.00	20.35	22.11	23.30	23.56	24.09	23.46	23.29	23.25	23.47	23.71	24.48	24.31	19.57	14.23	10.74	8.26	6.58	5.63	4.10
1.00	11.06	12.32	13.61	14.17	14.51	14.83	14.45	14.79	15.89	17.21	19.00	19.82	16.03	11.47	8.66	6.71	5.42	4.69	3.18
2.00	-0.83	1.19	2.45	3.08	4.21	4.39	4.95	5.80	7.01	6.59	5.47	7.69	4.95	2.29	1.84	1.68	1.61	1.56	0.16
3.00	-8.77	-6.43	-3.37	-1.28	0.28	0.09	-0.61	-1.49	-1.70	-3.06	-3.27	-0.24	-0.84	-7.81	-7.76	-7.61	-6.04	-5.04	-6.51
4.00	-15.43	-13.96	-14.03	-9.70	-7.64	-8.64	-8.64	-8.88	-4.11	1.43	4.12	0.80	-10.18	-17.58	-14.67	-16.27	-16.83	-17.23	-23.79
5.00	-8.51	-8.27	-10.20	-12.55	-10.81	-10.97	-12.01	-17.10	-15.74	-18.98	-11.09	-6.12	-10.72	-18.11	-24.67	-22.05	-14.11	-10.50	-9.91
6.00	-3.11	-1.14	0.31	0.66	0.29	-4.24	-11.25	-11.71	-11.54	-9.46	-16.22	-15.28	-15.49	-17.00	-25.06	-22.75	-18.23	-9.57	-7.96
7.00	-15.28	-15.69	-18.51	-16.89	-11.55	-8.82	-11.27	-15.33	-16.40	-13.05	-11.90	-15.05	-17.83	-18.41	-23.31	-26.53	-26.57	-12.76	-9.99
8.00	-5.56	-3.74	-2.41	-2.54	-4.97	-12.52	-14.44	-16.13	-17.39	-9.50	-13.94	-15.74	-28.71	-23.22	-23.87	-33.89	-37.23	-18.68	-15.62
9.00	-6.21	-5.00	-6.03	-9.83	-14.36	-16.13	-20.30	-15.22	-11.47	-20.36	-10.79	-19.99	-24.16	-28.76	-26.90	-28.57	-32.12	-21.54	-15.87
10.00	-10.57	-8.62	-8.83	-13.05	-16.71	-21.67	-13.83	-15.57	-14.85	-13.82	-17.74	-18.94	-21.15	-30.89	-33.07	-26.56	-28.76	-20.78	-12.45
20.00	-13.73	-16.22	-20.00	-17.01	-20.09	-31.32	-19.63	-15.94	-21.84	-21.91	-14.25	-18.64	-20.34	-31.32	-37.66	-35.65	-35.71	-34.20	-16.53
30.00	-11.39	-22.17	-17.85	-13.40	-19.13	-20.91	-17.83	-16.11	-14.44	-18.68	-17.96	-13.13	-30.20	-31.64	-37.16	-35.27	-37.35	-34.91	-15.14
40.00	-16.21	-17.18	-18.86	-23.85	-15.09	-18.89	-17.97	-19.23	-14.39	-31.40	-19.77	-21.89	-21.34	-25.55	-27.93	-38.84	-38.59	-35.57	-20.40
50.00	-20.33	-20.18	-17.28	-21.03	-26.62	-25.96	-27.00	-24.44	-26.92	-22.38	-27.40	-28.00	-26.21	-32.77	-36.18	-37.47	-38.54	-39.80	-14.68
60.00	-26.95	-17.15	-30.43	-27.57	-24.62	-24.54	-23.37	-34.13	-27.22	-22.39	-20.20	-25.73	-28.88	-34.39	-44.21	-38.33	-42.51	-47.82	-22.79
70.00	-23.26	-20.36	-27.39	-32.09	-28.86	-28.65	-22.17	-24.92	-27.12	-28.84	-24.58	-29.12	-28.19	-32.11	-42.86	-38.10	-47.97	-34.86	-23.31
80.00	-28.53	-24.96	-29.11	-30.41	-33.52	-28.17	-36.38	-36.28	-34.21	-32.64	-33.50	-32.49	-38.96	-37.91	-43.34	-45.15	-55.73	-50.18	-24.69
90.00	-24.99	-28.94	-34.79	-28.94	-33.57	-32.36	-35.10	-36.02	-35.13	-31.71	-32.26	-33.49	-44.15	-39.72	-44.71	-46.28	-52.37	-51.38	-26.54

LHCP, Cross-Pol, Elevation

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90.00	-21.37	-48.75	-42.47	-33.55	-27.34	-25.48	-35.68	-26.91	-27.81	-31.98	-33.15	-34.04	-28.73	-27.29	-28.49	-26.05	-24.05	-24.96	-27.90
-80.00	-20.03	-49.30	-40.02	-38.21	-28.55	-27.57	-36.12	-25.41	-28.87	-26.42	-38.89	-37.52	-29.32	-25.67	-25.85	-26.43	-21.50	-23.21	-23.30
-70.00	-17.96	-41.07	-30.54	-36.34	-29.06	-26.01	-33.67	-21.07	-21.95	-23.02	-27.99	-31.17	-22.04	-33.71	-21.06	-32.62	-22.70	-20.88	-12.22
-60.00	-18.71	-37.38	-29.65	-26.92	-16.97	-22.08	-13.55	-16.35	-17.22	-25.61	-19.29	-25.70	-29.79	-19.26	-24.23	-29.58	-22.17	-21.50	-18.30
-50.00	-11.82	-40.22	-32.81	-34.72	-22.33	-17.29	-21.54	-18.88	-27.31	-18.85	-21.69	-18.52	-18.17	-21.33	-16.00	-19.26	-20.09	-17.55	-21.29
-40.00	-16.28	-35.13	-24.85	-24.04	-24.87	-17.18	-14.03	-15.36	-17.16	-16.75	-23.77	-22.42	-8.58	-22.60	-26.32	-25.63	-18.07	-22.20	-14.06
-30.00	-16.34	-29.30	-24.84	-13.85	-17.68	-14.91	-17.63	-7.31	-15.18	-10.92	-15.16	-19.40	-12.13	-11.58	-21.81	-19.31	-16.53	-15.49	-14.34
-20.00	-14.00	-28.86	-23.42	-18.77	-25.05	-22.60	-12.18	-8.38	-8.44	-12.40	-27.51	-17.19	-16.75	-21.04	-10.66	-12.08	-16.66	-11.89	-10.78
-10.00	-8.16	-16.17	-19.18	-11.50	-8.53	-19.02	-15.05	-15.07	-18.00	-21.07	-10.17	-8.72	-12.00	-12.52	-17.81	-13.97	-8.22	-8.06	-11.68
-9.00	-12.41	-16.29	-22.43	-17.03	-6.50	-11.56	-14.93	-12.50	-16.42	-17.77	-17.16	-14.62	-11.29	-15.45	-9.41	-7.61	-9.04	-8.47	-8.83
-8.00	-12.08	-12.94	-22.73	-14.20	-11.44	-9.72	-9.83	-5.73	-5.62	-5.77	-14.76	-13.97	-12.84	-6.44	-8.25	-6.85	-7.93	-11.67	-13.97
-7.00	-6.32	-8.43	-14.17	-10.54	-10.18	-10.14	-13.60	-5.78	-6.62	-3.24	-4.19	-11.84	-18.46	-16.90	-10.51	-7.88	-5.61	-5.38	-7.68
-6.00	-4.61	-5.61	-7.00	-5.67	-6.85	-1.12	-4.49	-18.03	-10.50	-8.77	-10.14	-8.81	-12.71	-7.66	-4.10	-5.44	-7.71	-9.27	-11.31
-5.00	-7.18	-6.96	-4.60	-4.03	-0.46	-3.60	-0.19	0.62	-2.78	-1.14	-0.03	-3.15	-4.04	-4.55	-4.65	-4.55	-2.69	-0.54	-1.00
-4.00	-13.79	-17.87	-14.71	-2.64	-0.65	-1.11	-5.36	-6.35	-5.62	0.59	4.21	7.05	5.51	1.29	0.72	-1.03	-2.21	-1.56	-1.66
-3.00	-2.73	-2.53	2.71	5.32	7.49	5.31	2.67	3.26	-0.77	-3.22	-4.73	-1.41	3.05	3.10	4.31	3.87	3.50	3.55	2.11
-2.00	3.45	4.48	11.01	15.06	15.43	15.63	14.35	15.86	8.61	9.20	7.98	7.32	8.03	6.18	6.25	4.73	4.12	3.94	2.58
-1.00	6.28	7.69	14.96	20.19	22.26	24.61	24.70	25.63	22.48	22.50	20.47	19.13	18.82	16.61	15.93	15.41	14.74	14.13	12.63
0.00	7.10	8.66	16.17	21.76	24.34	27.30	28.19	29.96	27.80	28.81	27.85	27.53	28.41	26.60	26.81	25.71	25.08	24.91	23.35
1.00	6.18	7.72	15.01	20.21	22.26	24.54	24.64	25.47	22.32	22.31	20.28	19.08	19.57	17.97	17.23	16.32	15.39	15.12	14.06
2.00	3.16	4.59	11.20	15.18	15.44	15.36	13.57	13.34	8.80	11.69	11.40	10.08	10.07	7.53	6.93	5.23	4.23	3.99	2.17
3.00	-3.51	-2.01	3.55	5.89	5.84	5.26	7.77	5.41	0.06	2.04	2.69	2.79	4.51	3.23	3.00	0.87	-1.59	-3.64	-5.77
4.00	-20.79	-14.20	-7.23	-2.77	-1.07	-4.51	-1.56	6.45	7.45	6.53	0.28	-4.60	-3.52	-5.50	-4.92	-7.55	-12.25	-11.16	-12.43
5.00	-6.91	-7.47	-4.52	-8.55	-11.07	-5.04	-2.10	-0.47	-7.77	-13.87	-11.35	-12.82	-6.89	-7.83	-8.09	-10.40	-8.42	-5.47	-5.51
6.00	-4.96	-6.54	-8.64	-9.25	-11.47	-3.93	-6.88	-9.63	-12.89	-4.36	-7.15	-7.43	-6.13	-1.10	3.01	2.81	2.09	1.66	-0.11
7.00	-6.99	-9.73	-16.98	-13.03	-9.71	-5.34	-9.21	-9.41	-8.57	-7.94	-12.01	-11.05	-6.14	-5.68	-8.83	-14.74	-16.73	-12.89	-12.28
8.00	-12.62	-15.65	-27.63	-20.39	-10.27	-10.14	-20.09	-10.10	-10.61	-4.39	-13.00	-11.85	-9.32	-9.38	-2.25	-0.39	-0.63	-0.94	-2.56
9.00	-12.87	-18.51	-22.53	-15.07	-13.30	-15.69	-15.54	-14.34	-7.46	-15.26	-7.08	-10.94	-15.18	-12.99	-11.63	-7.68	-4.24	-2.20	-3.21
10.00	-9.45	-17.75	-19.16	-13.07	-19.48	-17.82	-12.53	-13.30	-14.41	-8.72	-10.46	-11.29	-8.71	-18.53	-13.99	-10.90	-7.05	-5.82	-7.57
20.00	-13.53	-31.17	-26.11	-22.15	-24.06	-18.25	-11.72	-12.99	-10.93	-16.81	-17.45	-11.65	-14.50	-28.18	-17.37	-14.86	-18.22	-13.42	-10.73
30.00	-12.14	-31.88	-27.76	-21.77	-23.57	-18.57	-21.58	-7.48	-14.63	-13.58	-10.05	-11.82	-12.71	-17.77	-16.41	-11.25	-16.07	-19.37	-8.39
40.00	-17.40	-32.54	-29.00	-25.34	-14.34	-12.48	-12.72	-16.24	-16.45	-26.30	-10.00	-14.95	-12.85	-15.75	-12.36	-21.70	-17.08	-14.38	-13.21
50.00	-11.68	-36.77	-28.94	-23.97	-22.58	-19.70	-17.59	-22.35	-24.08	-17.28	-22.53	-20.15	-21.88	-22.82	-23.89	-18.88	-15.49	-17.38	-17.33
60.00	-19.79	-44.79	-32.92	-24.83	-30.62	-21.32	-20.27	-20.08	-16.88	-17.29	-22.83	-29.85	-18.24	-21.39	-21.90	-25.42	-28.65	-14.35	-23.95
70.00	-20.31	-31.83	-38.38	-24.60	-29.26	-19.04	-19.57	-23.47	-21.25	-23.73	-22.73	-20.63	-17.05	-25.51	-26.14	-29.94	-25.61	-17.57	-20.26
80.00	-21.69	-47.16	-46.13	-31.65	-29.74	-24.84	-30.34	-26.84	-30.18	-27.54	-29.82	-32.00	-31.26	-25.03	-30.80	-28.26	-27.33	-22.16	-25.53
90.00	-23.54	-48.35	-42.78	-32.79	-31.11	-26.65	-35.53	-27.84	-28.93	-26.61	-30.74	-31.74	-29.98	-29.22	-30.84	-26.79	-33.01	-26.14	-21.99

RHCP, Co-Pol, Azimuth

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90.00	-13.83	-24.19	-15.10	-24.13	-21.19	-20.00	-27.87	-18.54	-20.49	-23.82	-20.08	-13.20	-22.36	-32.60	-37.44	-40.61	-51.46	-40.11	-10.24
-80.00	-25.34	-15.67	-14.22	-22.40	-17.26	-24.33	-35.00	-21.97	-22.03	-34.42	-23.48	-10.63	-24.93	-39.87	-36.74	-45.08	-43.36	-35.46	-14.29
-70.00	-2.48	-21.41	-26.04	-20.39	-21.46	-18.47	-21.88	-15.04	-23.35	-19.43	-19.43	-14.16	-20.49	-25.42	-30.96	-31.29	-46.39	-43.95	-5.05
-60.00	-6.77	-12.36	-16.76	-16.83	-9.74	-17.29	-22.12	-39.98	-17.58	-13.54	-13.19	-14.65	-21.22	-28.74	-29.82	-33.84	-35.07	-27.65	-4.42
-50.00	-13.43	-10.79	-10.39	-21.41	-15.23	-7.36	-22.56	-21.46	-23.81	-13.32	-23.70	-44.03	-28.14	-23.74	-30.55	-32.96	-30.35	-33.87	-5.20
-40.00	-2.66	-12.75	-14.54	-10.11	-8.79	-20.92	-19.90	-22.27	-11.01	-15.49	-15.92	-51.22	-14.23	-21.00	-34.60	-22.67	-30.70	-38.64	-3.00
-30.00	-2.84	-1.92	-10.89	-3.66	-1.44	-18.84	-11.47	-20.02	-8.92	-30.74	-18.08	-28.80	-9.28	-20.36	-19.43	-22.03	-26.71	-24.86	0.44
-20.00	-2.67	-2.17	-4.37	-9.43	-8.22	-14.18	-12.23	-6.42	-7.17	-20.85	-22.21	-8.17	-16.62	-12.34	-29.96	-22.96	-27.94	-21.03	-7.43
-10.00	6.19	5.85	4.29	-2.51	-3.45	3.22	3.12	-1.43	-4.36	-5.56	-6.25	-1.79	-14.81	-9.60	-18.76	-14.90	-11.91	1.46	8.71
-9.00	4.51	5.05	3.80	-1.71	-11.56	-4.36	1.24	-0.44	-1.06	-5.11	-4.46	-3.40	-13.71	-15.47	-27.18	-15.52	-9.40	3.63	9.04
-8.00	5.10	5.44	2.17	-16.83	-1.98	-6.43	-0.04	1.64	-4.01	0.10	3.20	-7.99	-10.77	-10.99	-24.21	-21.60	-15.48	-3.52	-0.42
-7.00	8.09	8.37	6.51	-0.57	-5.42	0.11	-3.49	-3.34	3.97	1.59	-7.96	-8.15	-1.82	-13.70	-14.47	-9.99	-17.43	3.61	6.40
-6.00	7.11	8.07	8.49	8.15	7.02	11.89	-0.47	1.40	-4.92	-0.12	0.69	-8.80	-16.02	-4.13	-11.97	-4.35	-1.14	12.04	12.94
-5.00	10.92	10.38	8.72	4.18	-0.13	-0.79	-0.83	4.95	9.79	10.78	10.27	10.76	0.94	-13.65	-5.00	-19.75	5.35	13.23	13.20
-4.00	4.98	6.58	8.05	10.29	12.81	8.49	13.23	14.59	11.00	5.57	-1.37	2.27	4.34	-2.07	-7.60	-6.10	-4.64	0.40	-0.64
-3.00	-1.24	2.30	2.63	-3.50	-8.29	14.02	9.59	10.34	9.06	13.47	17.83	19.34	17.25	1.67	5.93	12.46	15.57	16.93	15.98
-2.00	19.32	20.73	22.55	23.80	24.97	24.97	24.97	24.56	23.13	18.23	6.28	24.49	24.72	24.91	24.97	24.92	24.87	24.96	23.43
-1.00	31.39	32.59	34.40	35.43	36.31	36.36	37.19	38.95	40.21	41.58	43.35	44.99	40.42	35.64	32.64	30.61	29.23	28.54	26.72
0.00	45.59	46.89	48.39	48.88	48.89	47.76	46.55	46.93	47.16	47.51	48.32	49.30	44.11	38.51	34.87	32.33	30.58	29.62	27.72
1.00	31.47	32.75	34.43	35.36	36.32	36.43	36.78	38.77	39.99	41.30	43.09	44.90	40.46	35.68	32.70	30.69	29.32	28.55	26.72
2.00	17.93	19.44	21.69	23.14	23.22	23.33	22.82	23.05	21.59	15.53	5.33	24.63	24.97	24.97	24.97	24.97	24.97	24.97	23.42
3.00	11.24	11.86	12.53	13.28	14.97	14.36	18.57	17.97	15.61	13.61	17.08	20.12	15.80	2.25	5.03	12.20	15.15	17.05	15.90
4.00	0.85	0.09	-7.15	0.30	7.38	9.97	12.43	10.13	8.12	11.10	12.51	-5.54	-1.16	-4.04	-4.63	-1.33	2.41	1.23	0.79
5.00	9.49	10.48	9.92	4.79	6.60	9.49	7.26	-2.33	1.03	0.81	-5.17	5.96	3.59	-24.77	-5.32	-11.38	8.58	13.39	13.35
6.00	1.21	2.51	2.65	-5.42	6.75	4.36	4.04	-9.49	-4.63	2.09	1.58	5.02	-3.23	-2.44	-14.54	-5.25	2.31	12.21	13.03
7.00	6.59	6.70	5.60	1.90	-0.57	-12.06	-4.19	-14.37	-4.26	-8.27	7.09	-2.17	-1.81	-9.43	-8.22	-12.10	-17.87	4.18	7.11
8.00	10.68	10.56	9.18	3.53	-9.31	-6.34	-5.37	0.02	-6.99	4.43	-3.16	-2.58	-13.33	-20.47	-14.40	-26.03	-24.31	-6.31	-2.10
9.00	3.82	6.73	6.06	-0.62	-2.94	-7.75	-5.27	-2.30	-7.95	-5.54	1.06	-7.15	-21.73	-11.26	-12.41	-15.94	-12.35	2.15	8.74
10.00	9.85	10.19	8.59	4.73	-2.88	-2.31	-1.99	-1.36	1.37	-11.01	-8.76	-12.54	-13.57	-10.11	-11.39	-10.85	-11.94	-0.83	8.48
20.00	-2.32	1.92	-1.67	-9.60	-5.48	-9.99	-14.87	-2.16	-14.71	-11.53	-6.22	-5.83	-13.77	-27.22	-40.03	-28.12	-26.61	-27.42	-5.40
30.00	-6.58	-7.71	-12.53	-14.58	-7.80	-34.17	-10.84	-15.42	-9.51	-16.17	-18.45	-7.75	-16.56	-25.32	-30.42	-25.35	-30.65	-26.49	-0.73
40.00	-29.95	-11.07	-13.13	-17.22	-22.43	-12.61	-4.03	-14.49	-14.69	-9.22	-13.49	-10.75	-15.82	-27.15	-38.51	-30.38	-36.28	-24.57	-1.66
50.00	-4.97	-10.32	-16.02	-10.86	-24.46	-14.91	-17.72	-17.41	-22.15	-15.28	-14.02	-10.02	-16.32	-20.34	-32.91	-36.02	-24.45	-34.05	-5.37
60.00	-12.96	-6.73	-16.91	-10.36	-19.36	-20.28	-14.43	-17.19	-21.00	-16.34	-5.58	-11.11	-13.34	-27.26	-30.71	-31.63	-32.66	-28.18	-5.06
70.00	-7.64	-23.54	-16.42	-26.86	-26.29	-20.82	-13.91	-15.29	-18.55	-17.94	-17.22	-12.73	-30.86	-30.32	-32.61	-60.00	-31.54	-30.22	-5.01
80.00	-9.13	-23.61	-14.59	-14.03	-22.95	-23.00	-24.17	-40.58	-28.28	-23.53	-22.93	-15.86	-30.50	-33.61	-39.42	-45.63	-41.48	-55.07	-16.93
90.00	-15.22	-18.85	-15.50	-17.53	-25.22	-19.50	-19.40	-25.27	-27.99	-24.71	-22.89	-15.64	-32.36	-28.89	-34.69	-48.27	-36.41	-43.50	-11.62

RHCP, Co-Pol, Elevation

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90.00	-7.24	-36.73	-42.01	-28.55	-25.18	-21.13	-14.86	-9.92	-17.00	-18.76	-16.23	-14.29	-22.49	-16.32	-18.80	-22.58	-15.25	-23.67	-12.74
-80.00	-11.29	-32.08	-33.91	-33.01	-24.48	-28.39	-17.42	-7.36	-20.40	-29.35	-17.77	-17.72	-29.62	-20.65	-14.88	-20.85	-14.37	-15.15	-24.25
-70.00	-2.05	-40.57	-36.94	-19.23	-18.70	-13.95	-12.98	-10.89	-16.34	-14.37	-19.10	-10.78	-16.51	-14.80	-19.08	-18.84	-26.18	-20.89	-1.39
-60.00	-1.42	-24.27	-25.62	-21.78	-17.56	-17.26	-13.72	-11.38	-10.10	-8.47	-13.33	-35.72	-16.75	-13.62	-7.36	-15.28	-16.91	-11.84	-5.68
-50.00	-2.20	-30.49	-20.90	-20.90	-18.29	-12.27	-20.64	-40.75	-20.61	-8.26	-19.55	-17.21	-17.19	-3.68	-12.84	-19.86	-10.53	-10.27	-12.34
-40.00	0.00	-35.26	-21.25	-10.60	-22.34	-9.53	-6.73	-47.95	-12.84	-10.42	-6.76	-18.02	-14.52	-17.24	-6.40	-8.56	-14.69	-12.23	-1.57
-30.00	3.44	-21.48	-17.26	-9.97	-7.17	-8.88	-1.77	-25.52	-14.99	-25.67	-4.66	-15.77	-6.10	-15.16	0.95	-2.11	-11.04	-1.40	-1.75
-20.00	-4.43	-17.65	-18.49	-10.89	-17.70	-0.87	-9.12	-4.90	-19.12	-15.79	-2.91	-2.17	-6.86	-10.50	-5.83	-7.88	-4.52	-1.65	-1.58
-10.00	11.71	4.84	-2.46	-2.83	-6.50	1.87	-7.31	1.49	-3.16	-0.49	-0.10	2.82	8.50	6.90	-1.07	-0.97	4.14	6.37	7.28
-9.00	12.04	7.01	0.05	-3.46	-14.92	-4.00	-6.21	-0.12	-1.38	-0.04	3.19	3.81	6.61	-0.69	-9.17	-0.16	3.65	5.57	5.60
-8.00	2.58	-0.14	-6.03	-9.54	-11.95	0.49	-3.26	-4.71	6.29	5.17	0.25	5.89	5.34	-2.75	0.41	-15.28	2.03	5.96	6.19
-7.00	9.40	6.99	-7.98	2.07	-2.21	-2.23	5.68	-4.87	-4.88	6.66	8.23	0.91	1.88	3.79	-3.03	0.98	6.36	8.89	9.18
-6.00	15.94	15.42	8.31	7.72	0.29	7.34	-8.51	-5.52	3.78	4.95	-0.66	5.65	4.90	15.57	9.41	9.70	8.35	8.59	8.20
-5.00	16.20	16.61	14.80	-7.68	7.26	-2.17	8.45	14.04	13.36	15.85	14.04	9.20	4.54	2.89	2.25	5.73	8.57	10.90	12.01
-4.00	2.36	3.78	4.81	5.97	4.66	9.40	11.85	5.55	1.71	10.64	15.25	18.84	18.60	12.17	15.19	11.84	7.90	7.10	6.07
-3.00	18.98	20.31	25.02	24.53	18.19	13.14	24.75	22.62	20.91	18.54	13.31	14.59	14.96	17.69	-5.90	-1.95	2.48	2.82	-0.15
-2.00	26.43	28.34	34.32	36.98	37.23	36.39	32.23	27.77	9.36	23.30	27.38	28.81	30.35	28.65	27.36	25.35	22.41	21.25	20.41
-1.00	29.72	31.92	38.68	42.68	44.90	47.11	47.92	48.26	46.43	46.65	44.47	43.20	42.56	40.03	38.69	36.98	34.25	33.12	32.48
0.00	30.72	33.00	40.03	44.40	47.13	49.98	51.61	52.57	51.41	52.57	51.42	51.18	51.92	51.44	51.27	50.43	48.25	47.41	46.68
1.00	29.72	31.93	38.77	42.75	44.96	47.15	47.97	48.17	46.17	46.36	44.24	43.03	42.15	40.11	38.71	36.91	34.28	33.27	32.56
2.00	26.42	28.35	34.42	37.04	37.23	36.45	32.48	27.90	8.42	20.60	25.85	27.30	28.19	27.01	25.61	24.68	21.54	19.96	19.02
3.00	18.90	20.43	24.60	24.27	17.29	13.72	23.30	23.40	20.17	18.68	19.87	22.23	23.94	18.03	17.35	14.82	12.39	12.38	12.33
4.00	3.79	4.61	11.86	10.73	7.63	7.43	6.34	-2.27	15.59	16.17	12.38	14.38	17.80	13.65	9.76	1.85	-7.30	0.61	1.94
5.00	16.35	16.77	18.03	0.68	6.94	-13.30	11.10	9.23	-2.08	5.88	5.29	1.92	12.63	13.17	8.98	6.34	9.78	11.00	10.58
6.00	16.03	15.59	11.76	6.82	-2.28	9.03	4.28	8.29	4.67	7.16	-0.37	-5.24	9.41	8.04	9.14	-3.87	2.51	3.03	2.30
7.00	10.11	7.56	-8.42	-0.03	4.04	2.04	5.70	1.11	10.18	-3.20	0.00	-10.11	1.19	-8.39	1.82	3.45	5.45	7.22	7.68
8.00	0.90	-2.93	-14.86	-13.96	-2.14	-9.00	-5.83	0.69	-0.07	9.49	-2.73	4.27	0.01	-2.66	-6.93	5.08	9.04	11.08	11.77
9.00	11.74	5.53	-2.90	-3.87	-0.15	0.21	-14.23	-3.88	4.15	-0.47	-3.69	1.95	0.10	-4.07	-0.56	0.93	5.91	7.26	4.91
10.00	11.48	2.55	-2.49	1.21	0.87	1.36	-6.07	-9.26	-5.67	-5.94	5.62	2.90	3.38	1.36	-0.49	6.27	8.45	10.71	10.94
20.00	-2.40	-24.04	-17.16	-16.06	-27.77	-15.74	-6.26	-2.56	-3.13	-6.46	-10.46	2.09	-9.50	-6.31	-3.09	-8.06	-1.82	2.44	-1.23
30.00	2.27	-23.11	-21.20	-13.28	-18.16	-13.85	-9.06	-4.48	-15.37	-11.10	-5.26	-11.16	-5.47	-30.49	-5.42	-13.03	-12.68	-7.19	-5.49
40.00	1.34	-21.19	-26.83	-18.32	-26.25	-15.68	-8.32	-7.48	-10.40	-4.15	-10.43	-10.23	1.35	-8.93	-20.05	-15.67	-13.27	-10.55	-28.86
50.00	-2.37	-30.67	-15.00	-23.95	-20.65	-8.86	-8.82	-6.75	-10.93	-10.21	-17.89	-13.16	-12.35	-11.23	-22.08	-9.31	-16.17	-9.80	-3.88
60.00	-2.06	-24.80	-23.21	-19.57	-18.45	-15.78	-5.84	-7.84	-2.50	-11.28	-16.74	-12.94	-9.06	-16.60	-16.98	-8.81	-17.05	-6.21	-11.87
70.00	-2.01	-26.84	-22.09	-47.94	-20.35	-18.85	-23.35	-9.46	-14.14	-12.87	-14.29	-11.04	-8.54	-17.14	-23.90	-25.31	-16.57	-23.02	-6.55
80.00	-13.93	-51.69	-32.03	-33.56	-27.16	-22.14	-22.99	-12.58	-19.85	-18.46	-24.02	-36.33	-18.79	-19.33	-20.56	-12.48	-14.74	-23.09	-8.05
90.00	-8.62	-40.12	-26.96	-36.20	-22.43	-17.41	-24.85	-12.37	-19.80	-19.64	-23.74	-21.02	-14.03	-15.82	-22.84	-15.98	-15.65	-18.33	-14.13

RHCP, Cross-Pol, Azimuth

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90.00	-22.05	-24.13	-24.02	-29.45	-28.79	-27.51	-28.00	-29.34	-30.32	-32.26	-29.67	-25.75	-30.93	-37.84	-47.41	-46.07	-49.89	-50.43	-19.49
-80.00	-28.44	-25.32	-20.91	-34.28	-26.01	-27.49	-31.81	-33.08	-32.13	-40.55	-34.07	-26.05	-31.29	-40.43	-49.67	-49.95	-53.29	-46.71	-22.27
-70.00	-20.45	-18.57	-27.56	-26.14	-30.24	-26.87	-25.82	-24.21	-31.65	-29.29	-24.66	-22.47	-28.71	-32.13	-41.25	-45.66	-46.96	-46.44	-15.52
-60.00	-13.07	-24.02	-20.26	-24.90	-18.31	-25.50	-29.24	-29.07	-32.74	-21.71	-24.15	-20.79	-28.74	-37.58	-37.71	-40.02	-45.63	-45.23	-15.01
-50.00	-17.33	-24.18	-25.09	-23.22	-26.29	-19.41	-25.76	-27.00	-23.76	-23.97	-25.66	-17.83	-22.73	-25.81	-38.74	-39.26	-40.21	-43.64	-15.53
-40.00	-16.75	-18.25	-21.36	-17.49	-20.85	-20.69	-28.38	-29.80	-21.54	-22.59	-19.98	-21.93	-23.03	-28.27	-35.61	-38.18	-44.52	-49.68	-19.58
-30.00	-14.76	-15.79	-23.55	-15.87	-18.66	-18.89	-25.97	-17.39	-19.44	-21.78	-15.29	-20.91	-17.83	-24.40	-37.78	-32.34	-35.53	-36.03	-17.83
-20.00	-8.86	-10.78	-18.70	-19.89	-17.15	-21.77	-21.99	-18.48	-16.97	-23.59	-14.89	-8.53	-30.73	-22.86	-36.22	-31.73	-35.81	-30.02	-13.12
-10.00	-6.47	-5.64	-5.95	-11.87	-11.71	-11.32	-11.62	-9.46	-11.30	-19.72	-16.39	-9.01	-17.58	-18.64	-32.00	-32.13	-27.87	-17.09	-9.65
-9.00	-10.08	-6.94	-5.13	-5.12	-8.37	-9.75	-11.31	-12.16	-16.94	-15.60	-11.70	-12.72	-23.19	-23.46	-26.17	-28.20	-23.12	-17.08	-11.57
-8.00	-6.31	-6.51	-7.33	-5.50	-3.98	-6.75	-12.13	-13.86	-10.48	-7.71	-9.49	-11.32	-14.34	-26.81	-32.92	-35.68	-27.78	-13.58	-13.77
-7.00	-1.21	0.17	0.62	-1.77	-4.05	-8.59	-14.34	-12.34	-6.23	-8.23	-8.48	-3.34	-16.72	-26.64	-30.34	-28.00	-27.08	-12.57	-9.57
-6.00	-8.75	-7.85	-7.29	-6.62	-8.35	-12.95	-13.73	-11.72	-15.16	-8.95	-5.84	-9.39	-12.15	-20.76	-23.38	-20.12	-19.91	-7.08	-5.65
-5.00	-4.49	-4.22	-2.29	-1.26	-2.61	-4.57	-6.69	-6.08	-5.09	-3.09	-3.53	-1.89	-10.61	-20.48	-12.88	-20.59	-11.64	-4.81	-5.69
-4.00	0.17	1.31	2.73	4.23	4.41	2.49	-0.21	2.75	1.35	-2.07	-6.00	-11.36	-17.60	-18.43	-15.95	-14.04	-8.66	-6.83	-9.63
-3.00	-1.92	-1.75	-1.37	0.39	1.33	1.25	-1.10	-4.38	-7.97	-8.03	-4.49	-1.77	-4.32	-5.96	-4.98	-4.71	-4.44	-3.76	-4.29
-2.00	2.39	4.46	6.57	7.53	7.84	6.84	5.31	5.45	5.87	6.49	6.86	11.20	7.33	4.04	3.12	3.19	3.31	3.60	2.44
-1.00	12.12	13.67	16.08	17.10	17.91	17.18	16.44	16.99	18.07	19.28	21.10	23.02	18.79	14.02	11.01	9.28	8.02	7.37	5.65
0.00	24.29	25.61	27.12	27.62	27.63	26.52	25.33	25.70	25.94	26.30	27.12	28.11	22.93	17.34	13.70	11.18	9.43	8.48	6.57
1.00	13.04	14.98	16.76	17.68	17.98	17.07	16.35	17.15	18.17	19.44	21.13	23.02	18.72	14.03	11.26	9.24	7.99	7.38	5.55
2.00	2.00	4.20	6.23	7.34	7.84	7.04	5.82	6.25	7.58	8.48	8.29	10.87	7.85	3.87	3.00	2.92	3.25	3.61	2.11
3.00	1.71	2.99	4.29	4.96	5.53	4.26	1.74	0.23	-1.01	-0.95	-0.22	1.90	0.30	-6.20	-6.85	-6.32	-4.73	-3.62	-5.15
4.00	-3.08	-2.12	-2.20	-1.27	-0.87	-2.57	-4.86	-5.17	-2.12	1.65	4.35	3.52	-6.09	-12.78	-15.62	-15.54	-9.97	-7.44	-9.32
5.00	-1.87	-1.69	-2.29	-6.00	-6.27	-6.52	-11.88	-14.54	-10.58	-16.79	-12.61	-4.60	-7.45	-13.58	-17.47	-18.88	-13.81	-5.69	-5.33
6.00	-3.94	-4.15	-3.94	-0.47	0.66	-3.93	-8.40	-9.22	-11.23	-7.70	-15.41	-10.64	-12.74	-17.09	-19.98	-19.38	-20.11	-7.77	-5.56
7.00	-4.06	-2.67	-3.31	-5.76	-5.76	-8.95	-12.71	-18.33	-22.49	-14.04	-11.03	-11.22	-16.40	-17.89	-26.74	-22.88	-31.20	-12.71	-9.22
8.00	-5.28	-5.10	-4.36	-3.75	-6.26	-15.85	-14.72	-13.00	-20.25	-9.98	-14.02	-14.32	-21.38	-27.07	-31.84	-31.07	-26.54	-16.68	-12.22
9.00	-4.89	-5.26	-5.91	-5.75	-7.74	-17.31	-15.89	-12.69	-9.28	-14.92	-10.32	-17.36	-22.17	-23.74	-25.18	-26.77	-24.37	-19.16	-11.19
10.00	-9.45	-7.94	-7.47	-9.07	-11.78	-13.64	-14.58	-14.40	-11.78	-19.26	-15.04	-12.85	-16.96	-25.41	-25.62	-25.39	-27.94	-20.17	-10.40
20.00	-12.37	-11.26	-13.51	-17.20	-22.61	-23.70	-21.58	-15.87	-18.72	-24.38	-19.31	-15.75	-19.56	-30.47	-38.61	-34.85	-39.67	-33.36	-11.54
30.00	-20.01	-18.48	-25.28	-24.99	-14.37	-16.14	-19.32	-15.85	-16.54	-18.26	-22.21	-15.18	-21.92	-33.91	-35.95	-29.86	-37.59	-31.74	-17.32
40.00	-8.86	-14.52	-23.42	-16.10	-15.62	-18.70	-14.90	-17.50	-23.19	-14.14	-18.61	-13.54	-22.61	-23.88	-30.48	-36.01	-35.13	-34.97	-16.95
50.00	-18.53	-18.69	-21.23	-19.90	-20.59	-25.62	-22.76	-25.41	-29.73	-28.40	-23.35	-26.57	-27.40	-33.08	-44.62	-50.53	-41.14	-43.99	-14.29
60.00	-26.33	-14.08	-19.78	-23.98	-19.83	-23.18	-24.55	-31.28	-25.63	-23.06	-17.76	-25.10	-24.40	-33.03	-40.46	-38.85	-38.38	-40.93	-13.84
70.00	-15.68	-16.09	-23.01	-36.55	-23.51	-26.41	-27.98	-24.52	-30.17	-26.49	-21.73	-38.64	-34.60	-35.88	-42.04	-53.41	-50.73	-40.98	-13.70
80.00	-19.27	-27.55	-24.74	-24.97	-30.52	-30.86	-39.45	-36.24	-35.03	-32.70	-31.62	-26.01	-40.41	-44.88	-42.13	-53.06	-46.07	-55.96	-21.31
90.00	-19.57	-24.98	-24.48	-26.36	-28.24	-32.08	-32.92	-32.46	-34.37	-29.08	-28.30	-28.14	-36.46	-42.05	-42.84	-50.53	-48.94	-48.29	-18.11

RHCP, Cross-Pol, Elevation

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90.00	-16.49	-47.05	-40.44	-34.01	-35.15	-26.37	-23.42	-22.47	-26.59	-27.20	-26.06	-25.09	-22.63	-23.83	-26.41	-27.91	-24.16	-23.61	-20.96
-80.00	-19.27	-43.33	-43.84	-37.89	-37.41	-28.96	-23.79	-22.78	-30.99	-35.48	-27.87	-28.82	-26.44	-23.81	-23.62	-32.73	-21.06	-24.80	-27.35
-70.00	-12.52	-43.06	-37.51	-33.59	-28.99	-20.66	-21.20	-19.20	-21.58	-24.23	-27.39	-19.96	-20.45	-23.19	-27.86	-24.59	-27.71	-18.05	-19.36
-60.00	-12.01	-41.85	-36.18	-27.96	-25.45	-26.10	-21.23	-17.52	-21.06	-16.64	-28.48	-24.82	-23.87	-21.82	-15.93	-23.35	-20.41	-23.50	-11.98
-50.00	-12.53	-40.26	-30.76	-27.19	-26.48	-14.34	-15.23	-14.55	-22.57	-18.91	-19.51	-22.74	-20.39	-15.74	-23.91	-21.67	-25.23	-23.66	-16.24
-40.00	-16.58	-46.30	-35.07	-26.11	-23.35	-16.80	-15.53	-18.65	-16.90	-17.53	-17.28	-25.55	-23.00	-17.02	-18.47	-15.94	-21.51	-17.73	-15.66
-30.00	-14.83	-32.65	-26.08	-20.27	-25.52	-12.93	-10.33	-17.64	-12.20	-16.71	-15.18	-13.14	-20.60	-15.21	-16.28	-14.32	-23.70	-15.27	-13.67
-20.00	-10.12	-26.64	-26.36	-19.66	-23.96	-11.39	-23.22	-5.26	-11.80	-18.52	-12.72	-14.23	-16.62	-18.09	-14.76	-18.34	-18.85	-10.26	-7.78
-10.00	-6.65	-13.71	-18.42	-20.06	-19.74	-7.16	-10.08	-5.73	-13.30	-14.65	-7.04	-5.21	-6.25	-7.64	-9.33	-10.32	-6.10	-5.12	-5.38
-9.00	-8.57	-13.70	-13.67	-16.13	-13.91	-11.98	-15.69	-9.45	-8.62	-10.54	-12.69	-7.91	-5.94	-6.07	-5.98	-3.57	-5.27	-6.42	-8.99
-8.00	-10.77	-10.20	-18.33	-23.62	-20.66	-15.34	-6.83	-8.04	-6.41	-2.65	-6.22	-9.60	-6.76	-3.08	-1.59	-3.95	-7.48	-5.99	-5.22
-7.00	-6.57	-9.19	-17.63	-15.93	-18.08	-15.17	-9.22	-0.06	-5.39	-3.17	-1.97	-8.08	-8.96	-4.92	-1.67	-0.22	0.48	0.69	-0.12
-6.00	-2.65	-3.70	-10.46	-8.06	-11.12	-9.28	-4.65	-6.12	-2.75	-3.89	-10.90	-7.47	-8.35	-9.28	-5.97	-5.07	-7.43	-7.33	-7.66
-5.00	-2.69	-1.43	-2.19	-8.52	-0.62	-9.01	-3.11	1.38	-0.44	1.97	-0.83	-1.83	-1.32	-0.89	-0.23	0.29	-2.43	-3.70	-3.40
-4.00	-6.63	-3.45	0.79	-1.97	-3.69	-6.96	-10.10	-8.08	-2.91	2.99	5.61	7.00	5.17	6.17	6.79	5.78	2.58	1.83	1.26
-3.00	-1.29	-0.38	5.01	7.35	7.28	5.51	3.18	1.50	-1.41	-2.97	-3.71	-0.13	4.28	4.93	3.71	1.94	-1.52	-1.23	-0.83
-2.00	5.44	6.98	12.76	15.26	15.38	15.51	14.83	14.47	9.94	11.55	10.12	9.70	10.69	10.52	10.22	9.08	6.42	4.98	3.48
-1.00	8.65	10.74	17.47	21.35	23.27	25.49	26.29	26.29	24.19	24.35	22.33	21.24	21.81	20.86	20.29	18.65	15.93	14.19	13.21
0.00	9.57	11.86	18.88	23.24	25.96	28.81	30.43	31.38	30.21	31.36	30.20	29.95	30.70	30.20	30.01	29.17	26.97	26.13	25.38
1.00	8.55	10.75	17.44	21.30	23.52	25.51	26.23	26.29	24.22	24.50	22.43	21.40	21.72	20.74	20.36	19.23	16.61	15.50	14.13
2.00	5.11	6.99	12.70	14.99	15.26	15.35	15.36	14.14	11.38	13.54	11.84	10.50	11.19	10.72	10.22	8.89	6.08	4.72	3.09
3.00	-2.15	-0.24	4.72	5.74	5.41	5.28	7.81	5.18	2.87	4.12	3.25	4.49	7.12	7.93	7.92	6.51	4.15	3.51	2.80
4.00	-6.32	-4.06	-0.52	-3.48	-3.36	-1.31	1.41	6.80	7.44	6.72	2.13	-0.92	0.51	1.11	1.52	0.28	-2.35	-1.60	-1.99
5.00	-2.33	-2.31	-4.36	-6.81	-5.21	-2.11	0.06	-1.33	-9.52	-11.73	-6.32	-10.29	-6.51	-2.84	-3.88	-4.45	-2.44	-1.17	-0.78
6.00	-2.56	-4.39	-10.66	-7.32	-7.72	-5.61	-5.24	-7.36	-12.32	-2.63	-6.97	-4.97	-3.03	-0.25	3.05	1.08	-4.09	-3.63	-2.85
7.00	-6.22	-9.33	-21.75	-10.81	-14.48	-6.41	-8.89	-7.94	-7.95	-8.97	-18.23	-14.08	-7.33	-5.27	-3.38	-4.21	-3.46	-2.15	-2.97
8.00	-9.22	-13.30	-17.09	-19.01	-19.58	-15.60	-13.88	-11.04	-10.93	-4.92	-15.99	-8.75	-9.35	-12.18	-3.88	-2.20	-4.51	-4.58	-4.19
9.00	-8.19	-15.78	-14.92	-14.70	-12.92	-12.27	-14.66	-14.09	-7.24	-9.85	-5.03	-8.44	-10.51	-13.63	-5.36	-4.20	-6.06	-4.74	-3.80
10.00	-7.40	-16.79	-18.49	-13.33	-13.36	-13.93	-9.45	-9.58	-11.95	-14.19	-7.52	-10.14	-9.21	-9.96	-9.40	-7.52	-7.62	-7.42	-8.36
20.00	-8.54	-29.98	-30.22	-22.79	-26.35	-18.99	-12.05	-12.47	-16.22	-19.32	-14.47	-11.62	-16.21	-20.02	-20.23	-15.65	-13.66	-10.74	-11.28
30.00	-14.32	-28.36	-28.14	-17.80	-23.69	-22.44	-14.42	-11.91	-19.13	-13.19	-12.28	-11.60	-13.94	-12.47	-11.99	-23.44	-25.43	-17.96	-18.92
40.00	-13.95	-31.59	-25.68	-23.94	-18.22	-12.41	-15.11	-10.27	-15.52	-9.08	-18.94	-13.25	-9.53	-15.02	-13.24	-14.55	-23.57	-14.00	-7.77
50.00	-11.29	-40.61	-31.69	-38.47	-32.36	-21.61	-19.90	-23.30	-20.26	-23.33	-25.48	-21.15	-17.39	-21.94	-18.21	-18.35	-21.37	-18.17	-17.44
60.00	-10.84	-37.55	-28.93	-26.79	-28.20	-21.56	-16.89	-21.82	-14.68	-17.99	-21.37	-27.03	-19.18	-19.50	-17.45	-22.43	-19.93	-13.56	-25.24
70.00	-10.70	-37.60	-41.28	-41.35	-29.78	-24.41	-27.10	-35.36	-18.65	-21.43	-25.92	-20.26	-22.61	-22.74	-21.12	-35.00	-23.16	-15.56	-14.60
80.00	-18.31	-52.58	-36.62	-41.00	-29.87	-33.40	-32.91	-22.73	-28.53	-27.63	-30.77	-31.98	-34.08	-27.18	-28.14	-23.42	-24.89	-27.03	-18.18
90.00	-15.11	-44.91	-39.49	-38.46	-30.58	-30.58	-28.95	-24.87	-25.21	-24.02	-30.12	-28.21	-27.55	-28.41	-25.86	-24.81	-24.63	-24.46	-18.48

29.5 GHz Raw Data

LHCP, Co-Pol, Azimuth

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90.00	-8.24	-27.74	-27.50	-23.57	-14.52	-24.68	-31.89	-22.48	-29.60	-28.05	-25.22	-27.83	-32.79	-33.85	-38.76	-39.30	-48.34	-33.46	-6.39
-80.00	-6.93	-29.12	-23.86	-21.33	-13.61	-29.11	-33.31	-21.69	-36.42	-28.08	-29.09	-20.68	-38.34	-33.12	-33.93	-35.88	-55.17	-31.09	-4.91
-70.00	-15.61	-23.03	-12.40	-16.31	-23.56	-16.38	-18.99	-18.39	-24.50	-22.40	-20.58	-20.78	-24.23	-35.12	-44.26	-35.25	-44.11	-33.20	-4.72
-60.00	-16.28	-21.20	-24.25	-19.03	-18.44	-15.81	-22.31	-16.84	-20.72	-15.16	-13.79	-30.32	-23.30	-30.65	-35.98	-49.26	-34.91	-34.47	-7.18
-50.00	-7.32	-20.28	-40.53	-26.61	-17.01	-14.57	-7.75	-34.01	-21.96	-19.76	-25.71	-24.81	-24.09	-37.39	-43.98	-50.01	-27.88	-30.91	-4.63
-40.00	-2.13	-11.64	-21.28	-16.88	-22.37	-15.30	-7.42	-14.43	-34.59	-16.73	-19.80	-14.24	-28.50	-21.50	-36.53	-24.26	-34.18	-30.33	-7.33
-30.00	-7.03	-12.11	-13.59	-11.73	-18.55	-24.33	-6.57	-11.86	-15.56	-20.15	-22.20	-12.98	-28.84	-27.07	-27.64	-26.92	-27.42	-25.56	-1.83
-20.00	-3.40	-2.97	-6.20	-13.74	-20.48	-23.81	-11.16	-9.02	-13.15	-16.89	-17.53	-20.01	-18.53	-33.83	-20.22	-21.74	-31.25	-19.58	-1.78
-10.00	2.76	1.76	-0.93	-7.78	-11.73	-8.65	-0.83	-9.91	-11.54	-7.28	-12.02	-10.32	-1.47	-15.17	-10.63	-14.52	-11.39	1.40	7.46
-9.00	6.46	6.31	4.85	1.35	-9.20	-8.09	-6.98	0.15	3.54	-6.65	-3.06	-3.39	-18.09	-13.23	-15.51	-15.41	-9.70	4.51	9.32
-8.00	3.12	3.68	3.29	1.17	-0.58	-1.05	1.73	1.14	0.39	1.70	6.37	-4.21	-9.46	-18.05	-22.47	-25.37	-20.84	-0.55	3.46
-7.00	8.44	7.79	6.02	2.23	-10.89	1.03	0.33	-2.55	4.07	7.46	-2.69	1.84	-3.48	-19.76	-10.17	-13.78	-21.26	2.54	3.06
-6.00	5.82	6.67	6.64	6.28	5.42	5.66	3.08	-6.00	-2.26	-2.97	-2.28	4.06	-18.21	-1.93	-12.97	-4.81	-0.45	12.22	12.48
-5.00	14.44	14.27	13.71	12.09	7.68	0.93	4.56	3.66	-6.19	-13.67	-13.77	-11.41	1.83	-5.45	-5.69	-10.62	6.43	13.92	13.32
-4.00	5.56	6.69	7.52	7.87	8.35	9.24	11.82	12.02	9.86	6.87	8.49	9.19	4.86	1.73	-4.71	-10.10	-2.68	4.13	1.56
-3.00	5.82	7.51	9.48	11.50	13.86	15.57	17.38	17.49	16.66	14.70	15.47	19.20	17.32	3.69	6.34	13.20	15.41	16.53	15.22
-2.00	14.02	15.13	16.77	19.25	21.97	23.67	24.97	24.97	24.59	22.29	7.97	23.65	24.97	24.97	24.95	24.97	24.93	24.97	23.12
-1.00	27.39	28.43	29.88	32.13	34.76	36.47	38.04	38.82	40.16	41.62	43.37	45.79	40.47	35.71	32.67	30.68	29.44	28.74	26.63
0.00	43.01	43.66	44.77	46.25	47.79	48.43	48.84	48.44	48.48	48.73	49.36	50.59	44.41	38.77	35.03	32.43	30.83	29.87	27.70
1.00	27.46	28.33	29.79	32.23	34.83	36.38	37.97	38.82	40.21	41.68	43.42	45.77	40.57	35.81	32.76	30.69	29.48	28.73	26.64
2.00	-0.49	1.93	5.75	13.44	18.67	21.46	23.59	23.81	23.89	21.87	12.26	22.54	24.59	24.90	24.97	24.97	24.97	24.96	23.13
3.00	8.76	9.06	10.20	12.64	16.54	18.35	19.64	19.30	17.67	12.93	11.59	17.07	18.10	8.56	5.36	12.88	15.27	16.50	15.12
4.00	-0.51	1.28	1.99	-0.01	2.16	7.14	10.54	9.47	5.40	3.50	8.74	12.81	-1.52	0.88	-1.59	-7.41	0.07	3.52	2.84
5.00	7.70	7.36	6.42	3.74	-6.99	0.35	4.51	0.57	-19.05	-4.25	-8.20	9.57	2.12	-10.86	-4.34	-18.33	7.57	13.78	13.56
6.00	7.28	7.62	7.14	4.84	-0.60	-3.39	0.62	-3.90	-7.47	0.50	-0.77	-5.90	-1.23	2.58	-25.09	-3.20	0.84	12.17	12.81
7.00	5.66	6.19	5.38	3.58	-2.22	-3.13	-9.16	-5.16	-16.43	-6.73	-0.75	5.06	-3.65	-6.34	-5.41	-9.46	-23.17	3.16	4.55
8.00	-0.43	0.20	-0.66	-1.19	1.66	1.07	-9.73	-4.20	-1.44	-4.73	-3.95	-0.52	-7.74	-18.89	-17.77	-22.37	-21.55	-3.50	2.04
9.00	8.53	7.85	6.59	3.73	-2.93	-7.62	-1.31	-11.75	1.73	-13.44	-12.46	-10.03	-9.03	-15.74	-33.93	-13.29	-9.07	2.38	8.92
10.00	6.56	5.82	3.81	0.04	-2.19	-16.06	-4.66	-7.80	-14.11	-4.00	-13.81	-11.89	-12.88	-13.77	-16.47	-12.53	-9.23	-1.74	7.20
20.00	-7.64	-8.72	-12.50	-25.05	-7.83	-17.52	-21.00	-18.70	-15.54	-10.28	-12.55	-14.94	-14.22	-23.03	-44.18	-32.23	-36.59	-24.95	-1.71
30.00	-6.82	-17.29	-12.66	-12.27	-7.54	-16.70	-11.99	-24.87	-22.55	-10.24	-12.66	-9.55	-19.44	-20.50	-23.44	-29.58	-27.76	-24.05	-3.64
40.00	-6.26	-11.18	-20.19	-18.56	-21.43	-15.32	-25.69	-9.65	-15.59	-10.73	-15.07	-6.66	-13.68	-24.81	-25.74	-33.07	-36.30	-26.68	-6.40
50.00	-17.40	-25.74	-19.29	-27.48	-18.93	-16.36	-15.16	-20.69	-25.12	-17.44	-20.41	-10.69	-14.88	-42.59	-25.98	-40.99	-29.81	-50.55	-4.87
60.00	-10.21	-24.34	-29.75	-19.33	-17.52	-13.99	-13.72	-21.55	-20.43	-14.85	-26.17	-19.41	-29.56	-30.11	-29.97	-49.39	-33.96	-32.86	-8.12
70.00	-18.84	-23.48	-19.23	-14.53	-21.80	-18.02	-22.68	-17.84	-23.99	-28.97	-19.33	-24.09	-32.73	-25.93	-31.19	-30.66	-37.38	-31.26	-7.75
80.00	-11.99	-16.56	-24.68	-23.49	-14.28	-23.06	-30.97	-27.65	-22.66	-24.03	-21.45	-24.86	-31.69	-35.85	-32.59	-32.25	-37.63	-37.17	-6.61
90.00	-7.08	-21.26	-22.28	-23.93	-14.38	-29.10	-29.07	-27.33	-30.03	-22.76	-25.21	-21.88	-41.43	-35.63	-33.96	-33.98	-37.58	-41.09	-8.12

LHCP, Co-Pol, Elevation

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90.00	-3.39	-30.31	-37.88	-20.20	-19.04	-22.52	-26.18	-26.22	-21.12	-25.22	-27.67	-20.73	-30.16	-22.02	-10.97	-20.57	-24.60	-24.75	-5.24
-80.00	-1.91	-27.94	-44.71	-16.78	-14.21	-21.78	-31.73	-19.07	-24.99	-25.25	-34.49	-19.94	-31.58	-26.45	-10.06	-18.33	-20.96	-26.12	-3.93
-70.00	-1.72	-30.05	-33.65	-16.14	-24.54	-23.79	-17.62	-19.17	-16.48	-19.57	-22.57	-16.64	-17.26	-13.72	-20.01	-13.32	-9.49	-20.03	-12.62
-60.00	-4.18	-31.33	-24.46	-30.15	-16.26	-19.32	-16.70	-28.71	-9.69	-12.33	-18.79	-15.09	-20.57	-13.15	-14.89	-16.04	-21.35	-18.20	-13.28
-50.00	-1.63	-27.77	-17.42	-30.91	-24.26	-26.06	-17.48	-23.20	-21.61	-16.93	-20.03	-32.26	-6.01	-11.91	-13.46	-23.62	-37.63	-17.28	-4.32
-40.00	-4.33	-27.18	-23.72	-5.15	-16.81	-10.17	-21.90	-12.63	-15.70	-13.90	-32.66	-12.68	-5.68	-12.64	-18.82	-13.89	-18.38	-8.64	0.87
-30.00	1.17	-22.41	-16.96	-7.82	-7.92	-15.73	-22.23	-11.37	-18.10	-17.32	-13.63	-10.11	-4.84	-21.67	-15.00	-8.74	-10.69	-9.11	-4.03
-20.00	1.22	-16.43	-20.80	-2.63	-0.50	-22.49	-11.92	-18.41	-13.43	-14.06	-11.22	-7.27	-9.42	-21.15	-16.93	-10.74	-3.30	0.03	-0.40
-10.00	10.46	4.55	-0.93	4.58	9.09	-3.83	5.14	-8.71	-7.91	-4.45	-9.61	-8.17	0.90	-5.98	-8.18	-4.79	1.97	4.76	5.76
-9.00	12.32	7.66	0.76	3.70	4.21	-1.90	-11.48	-1.79	1.04	-3.83	5.47	1.90	-5.24	-5.42	-5.65	4.35	7.75	9.31	9.45
-8.00	6.46	2.60	-10.38	-6.26	-2.75	-6.72	-2.85	-2.60	10.47	4.53	2.32	2.89	3.46	1.62	2.97	4.16	6.20	6.68	6.12
-7.00	6.06	5.69	-10.80	5.33	9.55	-8.43	3.13	3.44	1.42	10.28	6.00	-0.80	2.06	3.70	-7.34	5.23	8.92	10.79	11.44
-6.00	15.48	15.36	10.00	14.30	6.75	9.40	-11.61	5.67	1.82	-0.14	-0.33	-4.25	4.81	8.32	8.97	9.27	9.55	9.66	8.81
-5.00	16.32	17.07	16.89	8.49	14.03	5.89	8.44	-9.80	-9.67	-10.84	-4.26	5.41	6.29	3.59	11.23	15.09	16.61	17.27	17.44
-4.00	4.56	7.27	7.78	9.01	15.01	13.06	11.47	10.80	12.59	9.69	11.79	13.77	13.55	11.90	11.90	10.87	10.43	9.69	8.56
-3.00	18.22	19.67	25.87	32.30	26.06	15.03	23.93	20.81	19.57	17.52	18.59	19.24	19.12	18.23	17.41	14.50	12.38	10.51	8.82
-2.00	26.12	28.12	35.38	44.08	44.66	36.31	31.58	25.26	12.07	25.12	26.52	26.72	26.71	26.34	25.52	22.24	19.67	18.13	17.02
-1.00	29.63	31.89	39.90	49.79	52.39	47.05	47.08	47.40	47.48	44.44	42.09	40.56	39.77	39.13	38.31	35.13	32.78	31.43	30.38
0.00	30.70	33.02	41.29	51.53	54.75	50.11	51.02	52.20	53.46	51.55	50.41	50.19	50.57	51.09	51.34	49.25	47.67	46.66	46.00
1.00	29.64	31.87	39.93	49.79	52.48	47.15	47.18	47.38	47.53	44.51	42.14	40.56	39.71	39.04	38.38	35.22	32.69	31.33	30.46
2.00	26.13	28.11	35.43	44.08	44.69	36.23	31.20	24.15	16.36	24.69	25.81	25.56	25.33	24.12	22.22	16.44	8.65	4.93	2.51
3.00	18.12	19.65	25.73	31.99	25.08	19.89	24.71	18.68	15.69	15.76	19.60	21.04	21.37	21.01	20.09	15.64	13.10	12.06	11.76
4.00	5.84	6.67	10.53	11.69	18.12	12.22	5.08	14.41	12.84	6.33	7.33	11.22	12.27	9.81	5.71	2.99	4.89	4.28	2.49
5.00	16.56	16.93	18.03	0.78	15.37	0.48	8.73	11.18	-4.09	-1.42	-17.12	2.32	6.24	3.01	-3.44	6.74	9.33	10.35	10.70
6.00	15.81	15.32	11.29	15.90	-5.38	13.92	5.38	-4.29	3.33	3.33	-5.55	-2.15	2.36	-0.73	2.95	7.83	10.04	10.62	10.28
7.00	7.55	6.30	-12.71	9.65	14.31	5.00	2.96	6.67	3.35	-3.91	-14.50	-3.41	-7.43	-0.47	1.33	6.58	8.28	9.19	8.66
8.00	5.04	-0.35	-11.09	-3.27	1.95	-7.56	-1.14	1.09	0.15	-1.90	0.49	-2.45	-8.00	3.74	5.21	1.81	2.24	3.20	2.57
9.00	11.92	5.53	1.38	5.82	-14.21	-4.41	-2.43	-8.42	-8.36	-10.61	3.66	-10.00	0.43	-4.96	0.62	6.73	9.49	10.85	11.53
10.00	10.20	1.40	1.23	6.58	3.24	-2.44	-6.27	-10.28	-9.71	-1.17	-12.18	-6.06	-2.93	-13.40	1.36	3.04	6.71	8.82	9.56
20.00	1.29	-21.80	-26.14	-13.12	-24.46	-11.69	-7.61	-13.33	-8.45	-7.45	-13.61	-16.95	-19.26	-14.86	-4.28	-22.06	-9.59	-5.72	-4.64
30.00	-0.64	-20.90	-17.30	-10.47	-3.72	-9.16	-12.83	-7.94	-8.55	-7.41	-20.62	-23.12	-10.26	-14.03	-3.99	-9.28	-9.75	-14.29	-3.82
40.00	-3.40	-23.53	-25.84	-13.96	-6.02	-13.47	-7.07	-5.05	-10.96	-7.90	-13.66	-7.90	-23.95	-12.66	-17.88	-15.56	-17.29	-8.18	-3.26
50.00	-1.87	-47.40	-19.35	-21.88	-6.26	-31.25	-8.27	-9.08	-16.31	-14.62	-23.19	-18.94	-13.43	-13.70	-15.38	-24.49	-16.39	-22.74	-14.40
60.00	-5.12	-29.72	-23.50	-30.28	-10.25	-18.78	-22.95	-17.80	-22.06	-12.02	-18.50	-19.80	-11.99	-11.32	-13.97	-16.34	-26.84	-21.34	-7.21
70.00	-4.75	-28.11	-26.92	-11.56	-11.47	-14.59	-26.12	-22.48	-15.23	-26.14	-22.06	-16.10	-20.95	-15.36	-18.25	-11.53	-16.33	-20.48	-15.84
80.00	-3.61	-34.03	-27.17	-13.14	-12.87	-24.52	-25.09	-23.25	-17.35	-21.20	-20.73	-25.90	-29.24	-20.39	-10.73	-20.49	-21.78	-13.56	-8.99
90.00	-5.12	-37.95	-27.12	-14.87	-14.24	-24.30	-34.82	-20.27	-21.11	-19.93	-28.10	-25.58	-27.34	-26.44	-10.83	-20.93	-19.38	-18.27	-4.08

LHCP, Cross-Pol, Azimuth

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90.00	-18.15	-29.14	-35.83	-29.30	-29.40	-32.12	-34.99	-29.98	-37.61	-32.91	-30.60	-28.63	-35.79	-39.24	-40.63	-45.27	-45.76	-39.04	-17.61
-80.00	-14.79	-35.79	-29.06	-27.73	-30.40	-29.62	-32.88	-28.90	-37.81	-32.42	-28.44	-27.86	-36.15	-41.15	-39.54	-47.49	-46.11	-38.07	-16.17
-70.00	-16.54	-26.62	-20.05	-29.65	-32.32	-25.37	-37.70	-32.41	-30.05	-22.73	-29.20	-18.42	-35.71	-33.38	-39.38	-50.91	-43.63	-39.33	-16.37
-60.00	-15.05	-34.81	-32.89	-24.84	-23.98	-30.25	-31.90	-26.63	-22.03	-25.89	-22.65	-32.73	-24.58	-42.71	-35.50	-43.83	-43.46	-38.83	-18.12
-50.00	-20.64	-30.53	-32.68	-27.46	-18.53	-26.03	-14.53	-26.83	-25.81	-27.35	-28.92	-22.32	-23.09	-35.87	-29.89	-37.42	-36.95	-41.57	-21.41
-40.00	-8.13	-18.91	-32.54	-23.93	-30.36	-23.03	-19.98	-21.19	-26.08	-31.64	-28.63	-30.67	-28.62	-26.45	-40.70	-42.36	-41.59	-39.17	-27.91
-30.00	-13.42	-17.26	-24.10	-29.82	-27.30	-27.05	-17.22	-24.63	-17.62	-31.72	-25.45	-25.79	-25.41	-35.43	-41.75	-29.53	-48.99	-36.88	-28.29
-20.00	-8.36	-12.48	-29.96	-17.92	-16.47	-19.21	-21.25	-26.42	-21.53	-23.71	-20.10	-22.08	-19.09	-30.47	-36.38	-36.51	-32.73	-32.20	-15.91
-10.00	-16.38	-15.74	-14.66	-12.44	-12.77	-12.25	-20.70	-21.39	-14.57	-17.25	-19.13	-17.77	-24.53	-27.83	-30.15	-22.94	-31.63	-15.73	-14.37
-9.00	-16.24	-18.22	-16.62	-12.71	-12.78	-22.45	-18.70	-14.67	-14.29	-10.05	-13.54	-23.09	-25.29	-28.27	-29.08	-25.85	-33.88	-22.32	-27.72
-8.00	-10.34	-11.57	-15.11	-11.76	-6.00	-8.46	-13.02	-8.99	-6.51	-13.11	-18.24	-15.20	-24.31	-23.56	-35.96	-36.12	-31.41	-17.27	-13.74
-7.00	-4.30	-3.15	-3.81	-7.03	-8.58	-10.08	-9.48	-11.25	-15.03	-19.09	-9.38	-13.40	-14.99	-20.41	-27.54	-25.19	-28.87	-11.82	-9.90
-6.00	-3.99	-3.31	-3.56	-5.23	-3.17	-3.88	-8.51	-9.28	-7.00	-8.53	-12.18	-13.22	-11.33	-17.95	-23.39	-28.71	-17.63	-10.87	-11.31
-5.00	-4.45	-4.15	-2.83	-2.04	-3.48	-8.19	-9.34	-8.14	-10.20	-11.89	-15.15	-15.76	-16.70	-22.05	-22.67	-22.92	-17.29	-14.54	-16.22
-4.00	-9.95	-10.46	-11.43	-10.92	-7.63	-5.18	-2.68	-1.68	-2.25	-2.81	-3.47	-5.45	-18.84	-15.30	-15.28	-21.16	-21.98	-12.94	-14.21
-3.00	-1.71	-0.38	0.69	2.32	4.37	4.87	4.28	1.75	-1.42	-5.14	-8.41	-1.35	-3.55	-10.33	-12.29	-22.58	-20.05	-16.44	-15.62
-2.00	-8.71	-8.41	-8.29	-7.66	-7.22	-7.47	-6.08	-3.58	-0.26	2.11	3.12	2.38	-2.49	-11.15	-14.56	-14.04	-13.78	-13.58	-14.37
-1.00	7.05	7.61	7.46	9.01	9.67	10.38	9.50	8.21	6.79	5.97	5.67	6.63	0.73	-4.57	-7.16	-9.17	-10.41	-11.01	-13.07
0.00	3.37	4.14	5.04	6.77	8.19	8.73	9.02	8.88	8.84	9.04	9.61	10.87	4.84	-0.91	-4.47	-7.17	-8.84	-9.64	-12.02
1.00	10.26	10.18	10.25	9.87	11.04	11.06	9.52	8.32	6.80	6.01	5.92	6.39	0.82	-4.69	-7.39	-9.17	-10.51	-10.97	-13.16
2.00	-0.94	-0.01	0.69	1.18	3.45	4.80	5.48	5.03	5.41	8.08	10.07	9.13	1.25	-5.45	-9.86	-12.00	-13.26	-13.41	-15.92
3.00	1.24	2.19	4.18	6.89	6.79	7.52	7.67	6.59	4.67	0.52	-1.93	3.36	2.39	-2.49	-11.57	-12.85	-14.13	-14.84	-17.94
4.00	-2.78	-2.29	-1.81	-0.75	0.38	-0.64	-1.94	-2.37	1.20	3.74	3.31	0.61	-11.95	-11.62	-14.35	-13.79	-12.73	-12.07	-13.81
5.00	-5.34	-5.04	-6.02	-8.62	-9.16	-7.57	-5.89	-5.51	-8.58	-11.07	-11.40	-11.46	-18.18	-21.85	-22.25	-19.97	-13.63	-14.13	-16.42
6.00	-7.36	-7.47	-7.63	-7.58	-5.13	-5.09	-8.04	-11.61	-14.25	-13.85	-17.10	-14.89	-12.98	-17.90	-28.24	-26.19	-16.73	-11.11	-11.60
7.00	-5.69	-5.04	-4.91	-6.03	-6.64	-11.14	-20.81	-24.31	-13.06	-16.00	-12.51	-12.33	-19.14	-17.54	-26.49	-26.51	-31.11	-11.08	-9.47
8.00	-17.38	-16.39	-10.97	-7.25	-6.30	-8.43	-13.56	-10.27	-15.37	-13.81	-16.46	-13.87	-19.43	-22.61	-32.70	-29.40	-23.41	-18.78	-12.11
9.00	-8.60	-7.00	-7.20	-8.65	-6.31	-9.80	-11.31	-11.12	-8.83	-13.60	-26.42	-15.33	-17.94	-21.32	-30.07	-29.11	-23.67	-30.46	-24.18
10.00	-12.53	-14.11	-14.95	-14.14	-12.04	-17.20	-17.01	-15.15	-13.17	-13.47	-18.15	-12.15	-20.61	-21.42	-34.07	-27.92	-25.12	-23.02	-15.78
20.00	-8.64	-9.25	-13.98	-25.58	-20.26	-25.02	-13.84	-22.75	-19.77	-17.74	-24.96	-24.87	-28.10	-27.30	-41.29	-35.96	-37.55	-28.76	-13.43
30.00	-13.46	-24.98	-17.71	-29.18	-18.86	-18.59	-15.41	-21.93	-21.87	-18.16	-15.29	-16.84	-24.05	-26.71	-30.62	-33.79	-37.89	-31.91	-25.00
40.00	-11.71	-26.34	-21.99	-26.79	-23.14	-16.03	-18.78	-16.57	-22.15	-16.94	-19.60	-23.23	-25.82	-24.16	-30.69	-31.71	-39.95	-36.74	-28.72
50.00	-24.55	-24.62	-28.34	-29.68	-26.09	-26.12	-18.26	-22.93	-33.24	-27.98	-32.39	-20.22	-27.86	-35.74	-28.12	-47.75	-33.57	-49.30	-21.11
60.00	-19.73	-26.98	-32.39	-30.46	-21.86	-28.35	-21.79	-26.74	-18.06	-26.60	-27.09	-23.87	-36.00	-29.73	-36.45	-38.66	-46.97	-42.23	-16.86
70.00	-22.71	-26.24	-21.06	-22.54	-26.02	-29.73	-29.91	-40.88	-27.62	-34.93	-33.61	-24.17	-33.05	-33.44	-38.68	-38.58	-42.27	-37.82	-15.13
80.00	-16.73	-31.31	-32.10	-29.53	-38.05	-35.95	-38.58	-26.59	-34.98	-32.09	-33.65	-34.43	-39.45	-40.16	-39.76	-48.26	-53.76	-42.51	-14.62
90.00	-18.44	-30.22	-32.42	-31.72	-31.46	-33.34	-35.15	-30.04	-39.37	-35.07	-29.75	-34.63	-41.87	-39.92	-42.04	-45.13	-52.71	-45.50	-16.05

LHCP, Cross-Pol, Elevation

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90.00	-14.61	-35.90	-35.30	-26.16	-20.91	-27.90	-29.18	-27.02	-26.50	-30.09	-35.68	-28.24	-33.26	-29.46	-25.85	-26.31	-32.93	-26.14	-15.15
-80.00	-13.17	-34.93	-35.65	-28.38	-19.82	-29.82	-29.54	-26.25	-24.34	-29.59	-35.88	-27.15	-31.15	-26.96	-26.85	-24.73	-26.16	-32.79	-11.80
-70.00	-13.37	-36.18	-33.17	-31.80	-19.67	-22.04	-29.11	-16.81	-25.10	-19.90	-28.13	-30.67	-35.96	-22.71	-28.77	-26.66	-17.15	-23.62	-13.54
-60.00	-15.12	-35.68	-33.00	-24.72	-15.78	-31.37	-17.97	-31.12	-18.55	-23.06	-20.10	-24.88	-30.17	-27.59	-20.43	-21.84	-29.99	-31.81	-12.06
-50.00	-18.41	-38.42	-26.49	-18.31	-10.17	-24.54	-16.48	-20.72	-24.82	-24.52	-23.88	-25.08	-12.80	-23.36	-14.98	-24.46	-29.78	-27.53	-17.64
-40.00	-24.91	-36.02	-31.13	-23.25	-20.98	-15.12	-22.01	-29.06	-24.53	-28.81	-24.15	-19.44	-18.25	-20.36	-26.81	-20.93	-29.64	-15.91	-5.13
-30.00	-25.29	-33.73	-38.53	-10.42	-22.03	-24.10	-18.81	-24.18	-21.34	-28.89	-15.69	-22.89	-15.48	-24.39	-23.75	-26.83	-21.20	-14.26	-10.42
-20.00	-12.91	-29.05	-22.27	-17.41	-16.66	-19.14	-12.48	-20.47	-16.00	-20.88	-19.60	-24.68	-19.51	-16.55	-12.92	-14.93	-27.06	-9.48	-5.36
-10.00	-11.37	-12.58	-21.17	-3.83	-10.43	-16.50	-17.92	-16.16	-15.03	-14.42	-12.64	-19.65	-18.97	-9.59	-9.22	-9.44	-11.76	-12.74	-13.38
-9.00	-24.72	-19.17	-23.43	-6.74	-9.36	-16.93	-18.68	-21.48	-9.44	-7.22	-12.36	-12.92	-16.97	-19.79	-9.24	-9.71	-13.72	-15.23	-13.24
-8.00	-10.74	-14.12	-20.95	-17.01	-16.24	-12.23	-17.70	-13.59	-14.14	-10.29	-4.58	-7.24	-11.28	-5.80	-2.45	-8.77	-12.21	-8.57	-7.34
-7.00	-6.90	-8.67	-18.41	-6.08	-7.82	-9.08	-8.38	-11.79	-5.28	-16.27	-13.11	-9.51	-7.75	-7.41	-5.03	-4.03	-0.91	-0.15	-1.30
-6.00	-8.31	-7.72	-7.18	-9.61	-3.67	-6.61	-4.73	-11.61	-8.08	-5.71	-5.07	-7.53	-6.78	-1.22	0.38	-2.24	-0.65	-0.31	-1.00
-5.00	-13.22	-11.39	-6.83	-3.81	-2.96	-10.72	-10.09	-14.15	-11.05	-9.06	-8.27	-6.39	-7.60	-5.53	0.07	0.96	0.08	-1.15	-1.45
-4.00	-11.21	-9.79	-11.53	-2.06	4.44	-3.97	-12.23	-3.84	0.63	0.01	-0.32	0.07	-0.95	-2.51	-4.08	-7.93	-8.53	-7.46	-6.95
-3.00	-12.62	-13.30	-9.59	-3.47	7.42	1.00	3.06	0.26	-4.31	-2.32	0.51	3.49	6.01	7.53	7.92	5.32	3.59	2.62	1.29
-2.00	-11.37	-10.43	-3.32	5.07	5.16	0.18	4.12	3.99	7.22	4.94	1.67	-1.83	-4.34	-4.81	-3.67	-4.66	-5.39	-5.41	-5.71
-1.00	-10.07	-7.86	0.04	9.94	12.56	6.76	7.34	8.24	9.77	8.80	8.72	9.96	11.23	13.04	13.22	12.01	10.36	10.61	10.05
0.00	-9.02	-6.49	1.62	11.94	15.25	10.43	11.44	12.48	13.71	11.86	10.76	10.62	10.76	11.39	11.74	9.77	7.95	7.14	6.36
1.00	-10.16	-7.82	-0.06	9.94	12.32	6.65	7.43	8.00	10.03	8.84	8.73	10.07	11.25	13.72	14.59	12.87	13.16	13.18	13.26
2.00	-12.92	-10.26	-2.81	7.10	9.86	5.88	7.86	10.74	14.18	10.91	7.34	6.78	7.21	7.46	7.00	4.18	3.60	2.99	2.06
3.00	-14.94	-11.69	-3.67	6.26	8.15	8.84	9.00	4.97	2.17	3.35	6.60	8.34	9.41	10.18	10.34	9.89	7.08	5.19	4.24
4.00	-10.81	-8.92	-2.27	5.31	5.37	-0.29	-5.34	2.22	7.41	6.57	3.13	-0.62	-0.21	2.03	3.93	2.24	1.10	0.71	0.22
5.00	-13.42	-10.98	-3.17	-0.86	-2.53	-10.52	-11.57	-9.85	-7.30	-8.24	-6.65	-3.76	-4.16	-4.91	-5.61	-5.62	-3.12	-2.04	-2.34
6.00	-8.60	-7.96	-6.27	-7.09	-8.52	-6.57	-6.37	-13.28	-13.00	-11.02	-12.32	-9.86	-6.31	-2.43	-1.58	-4.58	-4.73	-4.47	-4.37
7.00	-6.47	-7.93	-20.66	-7.40	-6.77	-6.21	-12.53	-10.72	-8.40	-13.17	-11.13	-22.56	-19.08	-8.48	-3.09	-3.04	-2.01	-2.04	-2.69
8.00	-9.11	-15.63	-12.95	-10.30	-12.98	-11.28	-12.83	-12.26	-12.36	-10.98	-13.44	-8.52	-11.83	-5.77	-2.75	-4.25	-8.07	-13.39	-14.38
9.00	-21.18	-27.32	-13.21	-10.00	-10.35	-9.99	-11.33	-13.73	-22.32	-10.77	-6.90	-9.37	-9.57	-7.14	-2.76	-5.65	-4.29	-4.00	-5.60
10.00	-12.78	-19.87	-14.67	-8.82	-14.35	-10.09	-14.00	-10.54	-14.05	-10.65	-11.24	-13.40	-15.27	-14.54	-8.49	-11.14	-12.05	-11.11	-9.53
20.00	-10.43	-25.61	-27.09	-16.85	-21.57	-15.96	-21.49	-23.26	-20.86	-14.92	-17.84	-21.01	-12.10	-22.36	-16.71	-22.58	-11.08	-6.26	-5.64
30.00	-22.00	-28.76	-27.43	-14.68	-10.90	-15.37	-17.45	-15.23	-11.18	-15.33	-19.94	-20.18	-13.67	-15.92	-15.31	-26.18	-14.81	-21.98	-10.47
40.00	-25.72	-33.59	-29.50	-12.60	-10.97	-12.82	-19.21	-21.62	-15.50	-14.11	-20.22	-14.82	-17.05	-13.37	-19.59	-23.80	-19.09	-23.34	-8.71
50.00	-18.11	-46.15	-23.12	-28.64	-8.41	-24.40	-21.26	-18.61	-28.29	-25.15	-31.31	-21.18	-16.53	-23.45	-22.54	-26.68	-25.44	-21.62	-21.56
60.00	-13.86	-39.09	-36.51	-19.56	-16.74	-18.40	-29.39	-22.26	-22.99	-23.78	-16.14	-24.99	-20.06	-25.69	-18.31	-27.47	-29.49	-23.98	-16.73
70.00	-12.13	-34.67	-31.81	-19.47	-18.96	-22.10	-26.44	-22.56	-29.50	-32.10	-25.69	-39.14	-28.18	-27.06	-22.47	-19.54	-18.16	-23.24	-19.71
80.00	-11.62	-39.36	-43.30	-29.15	-20.04	-28.82	-32.84	-32.82	-29.55	-29.27	-33.05	-24.84	-36.85	-33.28	-34.50	-26.53	-29.20	-28.31	-13.74
90.00	-13.05	-42.36	-42.25	-26.02	-22.32	-28.58	-35.26	-33.02	-25.65	-32.24	-37.44	-28.30	-33.41	-30.68	-27.91	-28.72	-29.52	-27.22	-15.44

RHCP, Co-Pol, Azimuth

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90.00	-9.21	-25.60	-25.92	-24.28	-15.41	-26.60	-24.56	-19.96	-26.31	-25.07	-21.47	-27.48	-30.33	-37.41	-41.92	-32.60	-50.95	-37.67	-8.54
-80.00	-7.13	-28.21	-26.95	-26.24	-14.30	-32.09	-25.04	-18.37	-30.49	-33.29	-22.31	-26.15	-23.46	-39.18	-39.87	-31.10	-40.87	-34.62	-6.66
-70.00	-11.02	-15.24	-17.78	-19.63	-18.95	-20.52	-17.85	-27.09	-26.47	-17.70	-23.89	-13.75	-35.03	-32.58	-29.21	-48.48	-44.84	-30.93	-6.26
-60.00	-11.06	-22.79	-19.41	-19.75	-21.76	-17.50	-13.88	-18.85	-31.06	-22.75	-28.20	-17.63	-25.97	-37.36	-34.06	-27.58	-31.06	-36.09	-8.23
-50.00	-9.77	-21.22	-30.37	-27.99	-14.50	-20.13	-12.97	-24.19	-23.37	-11.44	-19.86	-13.47	-38.18	-26.52	-26.02	-39.04	-38.92	-31.25	-5.31
-40.00	-3.23	-10.23	-16.93	-12.95	-20.07	-31.51	-15.70	-19.68	-34.60	-23.81	-13.12	-13.29	-17.55	-29.80	-24.88	-31.39	-36.44	-35.19	-8.18
-30.00	-13.88	-7.86	-25.98	-13.40	-9.97	-11.95	-15.38	-20.60	-11.11	-39.54	-12.66	-27.37	-16.25	-16.77	-24.18	-32.90	-28.91	-23.09	-2.34
-20.00	-5.76	-11.13	-12.46	-7.62	-9.40	-14.17	-9.36	-8.76	-6.50	-19.55	-13.54	-6.31	-14.47	-23.58	-25.17	-29.17	-27.42	-18.41	-1.71
-10.00	1.97	0.46	-2.10	-6.17	-15.45	-3.17	-0.22	-4.48	-14.73	-14.75	-10.53	-1.76	-2.32	-11.07	-13.25	-18.53	-11.38	-1.59	7.04
-9.00	6.62	5.65	3.18	-3.97	-5.33	-4.79	-7.80	-9.29	-6.70	-1.46	-5.70	-16.11	-8.17	-16.95	-18.43	-16.74	-8.16	2.66	9.18
-8.00	2.83	3.06	1.07	-3.27	-12.63	-10.55	-29.42	-9.17	0.56	-7.11	6.09	-3.37	-12.47	-20.89	-23.17	-22.96	-14.73	-1.52	3.62
-7.00	7.56	7.24	6.37	3.66	-5.14	-4.92	-7.84	-21.19	3.47	8.20	2.28	-5.42	-5.19	-10.53	-10.37	-13.15	-15.29	1.45	2.75
-6.00	5.06	4.84	3.24	0.81	0.88	4.46	7.48	5.85	5.55	1.72	-0.38	7.33	-2.89	-4.08	-8.55	-2.40	-0.01	11.48	12.44
-5.00	14.18	14.09	13.87	12.58	9.25	-3.75	1.67	3.57	0.90	-1.18	-2.25	-12.84	-5.24	-11.66	-3.11	-7.50	7.06	13.43	13.41
-4.00	4.13	5.30	5.57	4.91	4.02	3.23	7.69	6.37	0.74	0.93	7.75	11.14	1.32	-3.52	-8.06	-13.26	0.88	3.59	1.83
-3.00	5.79	7.57	8.84	10.94	13.22	14.47	15.65	16.85	16.53	15.46	16.75	19.67	16.51	4.73	6.37	13.08	14.97	16.43	15.26
-2.00	14.17	15.21	17.07	19.48	21.97	23.32	24.15	24.97	24.49	22.04	10.13	22.82	24.97	24.97	24.97	24.85	24.96	24.97	23.23
-1.00	27.42	27.99	29.34	31.50	34.01	35.56	37.20	38.80	40.10	41.58	43.27	45.56	40.71	35.78	32.82	30.74	29.55	28.80	26.76
0.00	42.72	43.19	44.21	45.65	47.28	47.58	48.05	48.39	48.44	48.69	49.23	50.45	44.62	38.84	35.20	32.59	30.97	29.96	27.84
1.00	27.45	27.92	29.24	31.65	34.12	35.65	37.13	38.81	40.23	41.73	43.46	45.73	40.76	35.86	32.90	30.86	29.58	28.80	26.77
2.00	6.51	6.44	8.56	12.89	16.99	20.07	21.91	23.47	23.51	21.36	7.00	22.19	24.74	24.92	24.96	24.97	24.97	24.95	23.24
3.00	9.22	9.08	10.38	13.15	15.68	17.97	19.51	20.31	19.15	15.45	11.43	17.34	18.36	8.28	5.01	11.90	14.93	16.23	15.13
4.00	-3.38	-0.03	1.30	1.96	3.71	7.28	9.16	9.03	2.86	4.72	10.36	10.47	1.08	1.71	-1.21	-1.14	1.80	5.23	3.47
5.00	6.95	6.49	5.00	2.11	-4.53	2.24	4.40	2.82	-13.03	-8.94	-12.56	-8.12	3.86	-6.29	-6.11	-16.96	7.26	14.05	13.68
6.00	6.95	7.59	7.46	5.86	1.29	-2.51	0.08	-3.17	-6.13	0.05	-2.53	1.17	-1.08	3.65	-12.18	-3.86	-0.39	12.08	12.76
7.00	6.00	6.25	4.95	4.33	1.86	1.09	-6.16	-4.56	-10.39	-10.31	-0.76	2.72	-1.99	-5.64	-3.68	-12.18	-17.26	2.11	3.99
8.00	-2.22	-3.09	-5.96	-5.73	-2.42	-4.66	-8.42	-3.70	0.07	-1.87	-5.39	-11.59	-16.21	-22.15	-18.58	-23.14	-17.11	-1.88	2.88
9.00	8.82	8.47	7.56	5.53	1.46	-3.53	-3.94	-8.43	2.14	-3.57	-6.85	-10.29	-17.05	-18.21	-23.73	-13.00	-7.03	2.52	9.16
10.00	6.91	6.18	3.96	-3.77	-15.50	-8.99	-3.90	-15.93	-18.73	-6.02	-7.30	-8.17	-10.67	-16.02	-16.21	-10.00	-8.78	-2.42	7.10
20.00	-7.82	-10.07	-19.46	-15.39	-26.91	-14.92	-16.56	-19.93	-12.64	-10.54	-35.53	-7.10	-20.00	-34.97	-23.33	-29.87	-31.72	-24.36	-0.80
30.00	-5.53	-7.06	-23.01	-22.64	-15.95	-12.69	-14.54	-11.29	-11.59	-10.77	-9.20	-6.75	-20.19	-21.85	-24.14	-21.04	-30.54	-23.49	-3.70
40.00	-7.42	-13.61	-38.71	-19.93	-30.03	-40.58	-15.12	-13.94	-15.83	-14.78	-22.18	-10.49	-18.60	-19.05	-27.56	-33.96	-26.71	-27.98	-7.63
50.00	-18.58	-21.39	-19.02	-18.10	-17.92	-11.95	-11.01	-18.68	-18.60	-16.13	-31.20	-20.01	-17.79	-34.82	-33.16	-45.39	-38.37	-34.95	-5.64
60.00	-12.92	-16.78	-20.53	-23.16	-23.61	-27.10	-18.73	-23.32	-18.66	-14.00	-20.64	-20.53	-25.50	-27.74	-37.63	-34.55	-55.41	-31.52	-8.59
70.00	-18.84	-22.18	-17.45	-19.27	-22.00	-28.29	-40.58	-24.81	-28.64	-21.49	-22.49	-22.90	-28.76	-37.97	-37.37	-42.78	-40.26	-38.49	-8.41
80.00	-11.82	-22.12	-19.83	-21.85	-23.23	-26.12	-33.76	-26.28	-27.51	-32.36	-22.38	-25.21	-23.60	-41.19	-35.91	-32.91	-39.62	-40.79	-7.84
90.00	-6.18	-23.79	-22.17	-22.70	-24.98	-28.80	-29.49	-23.23	-31.00	-27.61	-23.78	-22.77	-33.37	-34.05	-39.39	-36.87	-37.99	-44.32	-9.73

RHCP, Co-Pol, Elevation

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90.00	-5.54	-34.51	-40.21	-14.24	-25.56	-25.82	-23.04	-24.74	-17.14	-21.53	-24.35	-19.13	-23.99	-25.83	-14.40	-21.59	-22.92	-22.60	-6.21
-80.00	-3.66	-31.45	-30.13	-12.74	-23.52	-27.59	-16.17	-23.42	-17.98	-29.76	-28.54	-17.53	-24.47	-31.33	-13.29	-23.55	-23.95	-25.21	-4.13
-70.00	-3.26	-27.77	-34.10	-30.12	-12.85	-20.99	-27.75	-11.02	-19.56	-14.16	-24.52	-26.26	-17.28	-19.76	-17.94	-16.94	-14.78	-12.24	-8.02
-60.00	-5.23	-32.92	-20.31	-9.22	-17.71	-25.77	-18.69	-14.90	-23.86	-19.22	-29.11	-18.01	-13.30	-16.73	-20.75	-17.06	-16.41	-19.79	-8.06
-50.00	-2.31	-28.08	-28.17	-20.68	-9.66	-14.93	-30.89	-10.73	-15.52	-7.91	-21.42	-23.35	-12.39	-19.36	-13.49	-25.30	-27.37	-18.22	-6.77
-40.00	-5.18	-32.03	-25.70	-13.03	-8.53	-18.21	-10.26	-10.55	-8.78	-20.28	-32.65	-18.84	-15.13	-30.74	-19.06	-10.26	-13.93	-7.23	-0.24
-30.00	0.66	-19.93	-18.17	-14.54	-7.82	-5.18	-8.97	-24.64	-8.32	-36.00	-9.16	-19.77	-14.81	-11.19	-8.96	-10.71	-22.98	-4.86	-10.89
-20.00	1.29	-15.25	-16.67	-10.81	-8.82	-11.99	-7.18	-3.57	-9.21	-16.01	-4.55	-7.93	-8.79	-13.41	-8.39	-4.94	-9.46	-8.13	-2.76
-10.00	10.04	1.57	-0.63	-0.17	3.11	0.53	4.97	0.98	-6.20	-11.21	-12.78	-3.64	0.35	-2.41	-14.44	-3.48	0.90	3.46	4.97
-9.00	12.18	5.82	2.58	1.62	-2.08	-5.36	-0.88	-13.38	-1.37	2.08	-4.75	-8.45	-7.23	-4.02	-4.32	-1.28	6.18	8.65	9.62
-8.00	6.62	1.64	-3.99	-4.60	-6.81	-9.29	-5.18	-0.63	10.42	-3.57	2.51	-8.34	-28.84	-9.78	-11.62	-0.58	4.06	6.06	5.83
-7.00	5.75	4.61	-4.55	5.21	5.98	1.06	2.10	-2.68	6.61	11.73	5.43	-20.36	-7.26	-4.15	-4.13	6.35	9.37	10.24	10.56
-6.00	15.44	14.64	10.73	15.96	7.80	7.51	4.39	10.07	3.95	5.26	7.50	6.69	8.06	5.22	1.89	3.50	6.24	7.84	8.06
-5.00	16.41	16.59	17.80	10.85	13.24	-0.07	2.04	-10.10	2.08	2.36	2.85	4.40	2.25	-2.99	10.27	15.27	16.87	17.09	17.17
-4.00	4.83	6.75	11.63	5.09	8.30	8.07	8.61	13.87	12.08	4.47	2.69	7.21	8.26	3.99	5.03	7.60	8.57	8.30	7.13
-3.00	18.26	19.60	25.71	31.44	22.73	16.32	23.80	22.41	21.08	19.00	18.49	17.69	16.22	15.23	14.23	13.63	11.83	10.57	8.79
-2.00	26.23	28.14	35.70	43.21	41.33	36.57	32.26	25.56	14.47	25.58	26.44	25.81	24.73	24.08	22.98	22.17	20.06	18.21	17.16
-1.00	29.76	31.96	40.30	49.09	49.18	47.38	48.00	48.29	47.61	45.11	42.05	39.64	37.78	36.32	35.02	34.19	32.33	30.99	30.42
0.00	30.84	33.13	41.71	50.95	51.56	50.43	51.91	53.19	53.57	52.23	50.40	49.23	48.62	48.35	48.29	48.34	47.21	46.19	45.72
1.00	29.77	31.97	40.32	49.22	49.25	47.46	48.05	48.47	47.80	45.27	42.18	39.64	37.71	36.42	35.14	34.34	32.24	30.92	30.45
2.00	26.24	28.12	35.72	43.33	41.32	36.51	32.02	24.92	11.34	24.90	25.46	24.30	22.49	20.84	18.00	15.58	11.56	9.44	9.51
3.00	18.13	19.39	25.67	30.25	21.36	19.87	25.64	20.08	15.76	18.99	21.10	21.15	20.09	18.73	16.69	15.84	13.38	12.07	12.22
4.00	6.47	8.39	12.54	17.22	15.15	13.30	8.37	13.20	14.70	8.26	4.82	9.86	9.73	8.05	4.73	4.65	4.30	2.97	-0.38
5.00	16.68	17.21	18.01	1.40	10.24	5.30	11.15	-5.39	-8.23	-5.40	-11.07	3.66	4.97	3.00	-3.51	4.80	8.00	9.49	9.95
6.00	15.76	15.24	10.35	14.50	4.17	15.25	6.21	3.91	1.81	3.58	-4.18	-2.34	0.65	-1.75	2.30	8.55	10.46	10.59	9.94
7.00	6.99	5.28	-6.52	6.18	12.67	5.95	5.30	5.46	3.58	-6.78	-8.44	-3.72	-5.58	1.85	2.87	7.02	7.95	9.25	9.00
8.00	5.88	1.28	-6.37	-4.79	-2.23	-10.56	-8.92	-8.86	-1.06	1.67	2.03	-2.87	-7.85	-3.90	-1.40	-3.04	-2.96	-0.09	0.78
9.00	12.16	5.68	3.71	5.35	-7.37	-6.62	-9.77	-7.55	-2.52	-0.03	4.09	-7.60	-3.37	-2.77	2.47	8.22	10.56	11.47	11.82
10.00	10.10	0.74	1.96	8.36	0.14	-4.43	-3.39	-5.43	-2.97	-2.49	-16.77	-15.09	-3.32	-8.23	-14.49	-1.08	6.96	9.18	9.90
20.00	2.20	-21.20	-20.97	-11.51	-6.97	-23.38	-12.72	-4.37	-31.19	-7.00	-10.69	-19.09	-15.99	-14.15	-25.90	-12.70	-16.46	-7.07	-4.83
30.00	-0.70	-20.33	-19.80	-2.68	-7.79	-10.26	-12.90	-4.01	-4.87	-7.23	-9.63	-10.45	-13.97	-11.92	-14.93	-19.96	-20.01	-4.06	-2.54
40.00	-4.63	-24.82	-15.97	-15.60	-11.20	-7.46	-11.32	-7.76	-17.84	-11.24	-13.88	-13.10	-14.55	-39.82	-29.02	-17.24	-35.71	-10.61	-4.43
50.00	-2.64	-31.79	-27.63	-27.03	-16.81	-23.23	-10.51	-17.27	-26.86	-12.59	-16.65	-17.84	-10.44	-11.18	-16.91	-15.41	-16.02	-18.39	-15.58
60.00	-5.59	-28.35	-44.67	-16.19	-21.27	-16.15	-18.21	-17.79	-16.31	-10.46	-16.70	-22.49	-18.15	-26.34	-22.60	-20.47	-17.53	-13.78	-9.92
70.00	-5.41	-35.33	-29.52	-24.43	-21.02	-26.38	-21.47	-20.17	-18.16	-17.96	-26.69	-23.97	-40.01	-27.53	-20.99	-16.59	-14.45	-19.19	-15.84
80.00	-4.84	-37.63	-28.88	-14.55	-19.56	-29.60	-16.32	-22.48	-18.04	-28.82	-25.56	-25.45	-33.18	-25.35	-22.21	-19.16	-16.83	-19.12	-8.82
90.00	-6.73	-41.15	-27.25	-18.51	-23.04	-22.46	-26.08	-20.04	-19.44	-24.07	-29.04	-22.40	-28.92	-28.03	-23.96	-20.01	-19.17	-20.79	-3.18

RHCP, Cross-Pol, Azimuth

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90.00	-19.34	-38.16	-38.10	-35.89	-24.33	-30.66	-33.09	-31.60	-34.16	-32.35	-29.74	-30.88	-38.72	-42.75	-44.39	-45.33	-55.98	-45.71	-16.86
-80.00	-16.55	-35.31	-32.07	-33.14	-21.94	-32.37	-34.77	-29.35	-39.07	-42.98	-28.17	-32.82	-36.02	-40.58	-44.28	-45.89	-49.95	-45.49	-15.23
-70.00	-15.12	-28.97	-32.08	-32.71	-29.18	-27.08	-25.75	-28.51	-38.40	-31.38	-34.10	-18.83	-29.08	-36.81	-38.70	-38.13	-44.96	-40.93	-14.89
-60.00	-15.38	-30.44	-35.74	-27.03	-31.16	-26.09	-25.30	-34.87	-41.78	-31.80	-35.16	-22.00	-28.49	-39.42	-41.06	-39.05	-42.42	-38.85	-15.80
-50.00	-22.76	-30.67	-35.74	-31.77	-33.07	-22.39	-19.93	-25.52	-32.01	-19.04	-29.77	-20.58	-25.88	-33.80	-32.19	-37.18	-45.24	-41.59	-19.93
-40.00	-11.84	-21.61	-31.13	-25.74	-24.28	-26.64	-27.27	-28.37	-27.00	-23.67	-26.04	-24.25	-25.23	-29.68	-38.52	-36.65	-43.21	-40.44	-24.60
-30.00	-12.94	-17.58	-22.33	-23.55	-19.84	-26.98	-22.91	-24.58	-23.02	-21.68	-22.67	-35.18	-23.91	-32.70	-41.51	-34.65	-41.05	-38.66	-32.07
-20.00	-11.66	-14.95	-25.82	-19.46	-23.45	-21.83	-18.43	-22.52	-16.47	-25.32	-24.76	-18.27	-28.21	-27.84	-34.09	-34.18	-33.66	-30.20	-15.18
-10.00	-15.11	-14.29	-15.48	-19.01	-21.41	-24.25	-13.36	-14.74	-24.02	-16.14	-19.77	-16.37	-21.26	-26.33	-25.49	-27.25	-35.72	-14.84	-12.85
-9.00	-11.43	-11.89	-12.26	-15.99	-23.71	-19.05	-16.83	-25.15	-10.36	-8.40	-14.08	-15.95	-25.98	-23.38	-25.55	-26.84	-31.99	-21.57	-26.64
-8.00	-8.55	-8.34	-8.51	-9.07	-9.60	-10.93	-13.17	-6.96	-6.89	-13.91	-14.74	-16.55	-33.39	-21.07	-28.66	-36.07	-27.81	-15.74	-14.21
-7.00	-5.30	-4.72	-4.56	-5.01	-7.04	-9.88	-7.88	-8.47	-12.58	-15.84	-10.13	-9.13	-13.74	-17.44	-26.06	-24.76	-25.84	-11.14	-9.81
-6.00	-5.96	-5.85	-4.99	-2.89	-0.99	-2.08	-5.07	-12.91	-14.84	-9.04	-7.71	-7.00	-10.65	-18.15	-18.07	-25.61	-17.75	-10.73	-11.67
-5.00	-3.63	-3.44	-2.44	-1.34	-1.54	-7.18	-13.04	-9.76	-9.21	-8.32	-9.08	-13.97	-21.57	-16.67	-19.25	-24.07	-19.67	-17.70	-18.92
-4.00	-8.96	-8.03	-7.36	-6.96	-6.09	-6.65	-5.08	-3.19	-1.48	-1.64	-3.25	-6.46	-14.88	-12.73	-13.88	-16.89	-13.75	-12.04	-13.88
-3.00	0.08	1.00	2.65	4.46	6.34	6.26	6.26	4.76	1.21	-2.35	-5.76	-4.00	-4.60	-5.91	-5.81	-9.72	-11.54	-12.71	-13.00
-2.00	-4.54	-5.21	-4.97	-4.47	-3.53	-4.08	-4.51	-4.78	-0.97	1.87	4.40	10.23	4.28	-2.05	-5.03	-7.59	-9.31	-10.52	-12.13
-1.00	-1.49	-0.37	4.51	5.85	6.26	1.05	2.01	3.84	1.93	2.17	4.02	6.60	2.61	-1.74	-4.91	-7.89	-10.53	-11.30	-13.22
0.00	-0.53	0.42	1.31	2.66	4.41	4.47	4.94	5.27	5.59	5.97	6.03	7.62	1.55	-3.97	-7.67	-10.24	-12.23	-12.76	-14.92
1.00	9.29	8.62	9.56	8.90	10.75	11.19	11.10	10.39	9.53	8.44	7.11	6.74	-0.73	-6.92	-10.93	-13.02	-13.61	-13.16	-14.98
2.00	-11.15	-11.73	-6.26	-3.04	0.75	4.79	7.85	8.32	8.54	9.62	9.92	9.11	1.36	-8.52	-15.93	-15.51	-13.88	-12.73	-14.97
3.00	1.45	2.49	4.59	6.84	9.19	9.81	9.41	7.57	4.71	-0.47	0.00	3.85	1.15	-2.77	-17.06	-22.92	-17.01	-14.02	-16.68
4.00	-6.41	-5.32	-3.46	-2.01	-1.08	-2.62	-3.92	-2.43	1.07	3.37	1.30	-5.02	-21.05	-10.40	-14.55	-18.32	-14.22	-12.77	-15.33
5.00	-4.37	-4.17	-4.04	-4.27	-6.75	-12.49	-13.23	-9.52	-8.90	-9.48	-8.12	-8.58	-12.91	-20.31	-25.42	-20.22	-13.70	-15.65	-19.95
6.00	-7.09	-6.38	-4.58	-3.09	-2.79	-4.30	-8.47	-15.15	-17.47	-15.59	-17.84	-10.45	-11.65	-16.67	-18.60	-24.16	-16.22	-11.23	-11.04
7.00	-5.46	-4.93	-3.58	-3.51	-4.18	-8.96	-15.08	-18.67	-14.69	-20.60	-11.41	-15.54	-19.00	-18.48	-27.85	-26.76	-29.35	-11.48	-8.44
8.00	-21.35	-19.92	-20.06	-17.81	-17.73	-12.84	-17.25	-12.71	-17.68	-10.08	-17.60	-9.26	-17.21	-26.66	-26.93	-33.15	-24.10	-19.44	-11.17
9.00	-9.48	-9.29	-10.20	-10.25	-8.10	-12.12	-10.81	-12.62	-11.46	-15.37	-21.03	-16.18	-18.92	-24.35	-23.96	-27.65	-23.96	-28.21	-27.74
10.00	-13.33	-13.51	-11.97	-11.60	-15.10	-22.40	-24.54	-22.90	-13.90	-22.14	-18.86	-19.50	-24.81	-32.49	-27.32	-28.13	-23.49	-21.31	-14.64
20.00	-7.34	-10.06	-20.43	-29.12	-25.11	-18.25	-18.53	-19.42	-13.87	-24.36	-20.50	-23.02	-21.49	-35.84	-31.89	-32.51	-32.23	-31.27	-14.74
30.00	-15.01	-19.20	-19.82	-20.72	-20.66	-19.65	-16.62	-16.88	-17.39	-18.12	-15.15	-17.36	-22.80	-26.71	-33.81	-28.30	-40.43	-38.01	-23.33
40.00	-14.20	-26.35	-27.39	-25.31	-30.41	-25.89	-23.36	-22.06	-23.10	-19.31	-25.77	-21.21	-25.66	-27.28	-32.28	-37.86	-42.57	-39.79	-24.10
50.00	-20.68	-29.87	-29.40	-22.75	-29.97	-25.20	-30.47	-29.23	-31.13	-21.41	-26.94	-25.55	-26.99	-37.36	-33.30	-45.68	-37.07	-48.29	-19.26
60.00	-18.62	-30.31	-31.62	-28.82	-31.69	-24.43	-28.06	-28.08	-27.49	-36.79	-26.99	-29.00	-23.41	-36.03	-40.45	-41.45	-45.15	-44.09	-14.61
70.00	-25.61	-25.50	-24.49	-24.51	-28.85	-23.03	-31.10	-33.57	-40.10	-37.70	-35.51	-19.27	-36.47	-33.02	-44.56	-51.12	-47.91	-43.09	-12.52
80.00	-16.98	-29.59	-27.89	-28.64	-27.12	-33.57	-37.65	-24.51	-38.87	-36.80	-33.20	-30.06	-35.64	-39.71	-39.15	-41.58	-49.07	-58.39	-13.62
90.00	-19.18	-29.35	-32.15	-29.76	-29.15	-34.64	-36.27	-25.42	-36.21	-36.89	-33.12	-29.76	-41.20	-40.14	-39.80	-41.53	-46.90	-53.71	-15.35

RHCP, Cross-Pol, Elevation

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90.00	-13.86	-42.54	-45.24	-26.97	-28.03	-31.16	-31.43	-28.14	-25.40	-28.81	-32.21	-30.76	-32.51	-29.90	-23.31	-33.20	-35.10	-35.16	-16.34
-80.00	-12.23	-42.32	-39.20	-27.54	-27.92	-28.98	-28.73	-30.08	-23.84	-39.44	-37.11	-28.51	-34.20	-31.61	-20.93	-30.45	-29.07	-32.31	-13.55
-70.00	-11.89	-37.76	-34.21	-19.77	-22.34	-25.22	-21.79	-16.09	-29.76	-27.84	-36.45	-27.68	-25.18	-26.31	-28.16	-30.02	-29.08	-25.97	-12.13
-60.00	-12.80	-35.68	-31.68	-20.70	-24.71	-27.83	-21.20	-19.26	-30.82	-28.26	-39.83	-34.03	-24.73	-25.32	-30.15	-24.34	-32.74	-27.44	-12.38
-50.00	-16.93	-38.42	-34.50	-18.82	-15.83	-22.21	-18.60	-17.85	-25.43	-15.50	-30.05	-24.68	-19.36	-21.63	-32.06	-29.08	-32.74	-27.67	-19.76
-40.00	-21.60	-37.28	-32.47	-18.30	-22.17	-18.09	-17.95	-21.51	-21.71	-20.13	-25.05	-27.53	-26.69	-25.87	-23.27	-23.05	-28.13	-18.61	-8.84
-30.00	-29.07	-35.50	-30.31	-16.30	-25.16	-21.11	-16.62	-32.45	-18.33	-18.14	-21.07	-23.74	-22.34	-26.21	-18.83	-20.86	-19.33	-14.58	-9.95
-20.00	-12.18	-27.03	-22.92	-15.82	-17.73	-16.25	-20.92	-15.53	-20.43	-21.78	-14.51	-21.69	-17.86	-21.07	-22.43	-16.77	-22.82	-11.95	-8.66
-10.00	-9.85	-11.68	-24.98	-8.89	-9.13	-14.74	-13.98	-13.64	-15.44	-12.60	-22.07	-13.90	-12.79	-23.48	-20.40	-16.32	-12.48	-11.29	-12.11
-9.00	-23.64	-18.41	-21.25	-8.48	-9.19	-11.79	-18.70	-13.22	-9.75	-4.86	-8.41	-24.32	-16.25	-18.29	-22.70	-13.30	-9.26	-8.89	-8.43
-8.00	-11.21	-12.58	-17.07	-17.72	-12.31	-9.48	-26.10	-13.81	-10.41	-10.37	-4.94	-6.12	-12.59	-10.17	-8.59	-6.38	-5.51	-5.34	-5.56
-7.00	-6.81	-7.98	-15.10	-6.40	-9.70	-5.85	-6.45	-6.39	-5.79	-12.30	-10.63	-7.63	-7.31	-9.11	-6.02	-2.32	-1.56	-1.72	-2.30
-6.00	-8.67	-7.56	-7.01	-7.25	-1.72	-6.56	-3.37	-4.27	-3.37	-5.51	-12.89	-12.07	-4.50	-1.32	0.02	-0.21	-1.99	-2.85	-2.96
-5.00	-15.92	-14.54	-8.93	-5.72	-2.90	-5.08	-14.29	-11.24	-4.74	-4.78	-7.26	-8.93	-12.46	-6.41	-0.53	1.34	0.56	-0.44	-0.64
-4.00	-10.88	-8.88	-3.01	1.47	2.47	-1.13	-7.60	-3.72	1.09	1.90	0.48	-2.35	-4.50	-5.89	-5.07	-4.27	-4.36	-5.03	-5.97
-3.00	-10.00	-9.55	-0.80	8.64	10.55	5.69	2.69	-1.27	-1.42	1.19	3.16	5.60	6.84	7.03	7.35	7.14	5.65	4.00	3.08
-2.00	-9.13	-7.35	1.43	10.77	11.33	9.54	11.57	12.97	8.74	5.41	0.99	-3.94	-3.93	-3.32	-2.52	-1.78	-1.97	-2.21	-1.54
-1.00	-10.22	-8.13	0.22	10.46	11.44	9.85	9.90	9.33	8.36	5.71	3.88	4.68	2.58	1.82	7.27	8.54	7.51	2.62	1.50
0.00	-11.92	-9.60	-1.49	8.12	8.69	7.63	8.84	10.36	10.36	9.51	7.54	6.11	5.51	5.23	5.42	5.35	4.31	3.42	2.46
1.00	-11.98	-10.00	-2.87	5.33	5.42	4.68	6.55	9.47	11.44	11.97	11.48	11.23	11.67	11.96	11.77	11.59	12.56	11.62	12.29
2.00	-11.97	-9.57	-3.14	2.85	0.43	3.07	8.64	11.84	14.26	13.16	10.49	9.16	8.42	5.55	1.76	-0.36	-3.26	-8.73	-8.15
3.00	-13.68	-10.86	-6.27	-4.56	-0.70	8.82	8.43	6.59	4.33	3.07	6.66	8.41	9.99	10.57	10.20	9.53	7.59	5.49	4.45
4.00	-12.33	-9.61	-3.48	0.03	1.80	1.19	-13.76	-2.28	5.63	6.90	3.02	-1.59	-3.35	-1.86	-0.06	0.68	-0.46	-2.32	-3.41
5.00	-16.95	-12.48	-2.95	-1.86	-9.07	-8.71	-5.62	-5.85	-3.79	-5.94	-6.95	-8.68	-12.65	-11.73	-5.74	-1.58	-1.04	-1.18	-1.37
6.00	-8.04	-8.07	-5.48	-5.80	-2.25	-5.07	-4.37	-7.71	-13.51	-12.05	-15.51	-14.31	-7.90	-3.54	-1.78	-0.40	-1.58	-3.38	-4.10
7.00	-5.44	-8.31	-18.61	-8.41	-11.50	-6.89	-11.71	-12.81	-7.07	-17.06	-12.73	-17.83	-14.50	-8.19	-3.17	-0.82	-0.58	-1.93	-2.46
8.00	-8.17	-16.28	-13.36	-14.79	-10.58	-15.07	-9.92	-6.52	-13.27	-6.54	-15.73	-11.88	-16.68	-12.08	-16.72	-15.13	-17.06	-16.93	-18.35
9.00	-24.74	-25.05	-13.22	-9.30	-7.61	-12.76	-11.64	-13.44	-16.69	-11.83	-9.50	-11.78	-10.23	-11.36	-7.09	-7.56	-7.20	-6.30	-6.49
10.00	-11.64	-18.15	-12.75	-9.78	-10.96	-20.90	-17.52	-16.77	-14.52	-18.60	-11.95	-22.07	-23.97	-21.63	-14.09	-8.91	-8.97	-10.51	-10.33
20.00	-11.74	-28.11	-21.49	-14.15	-15.53	-24.25	-14.21	-20.28	-16.16	-20.82	-11.92	-18.58	-17.96	-17.49	-24.10	-26.43	-17.43	-7.06	-4.34
30.00	-20.33	-34.85	-29.69	-9.94	-17.46	-15.12	-15.52	-14.63	-10.82	-14.58	-15.43	-16.04	-16.05	-18.89	-19.65	-18.03	-16.82	-16.20	-12.01
40.00	-21.10	-36.63	-31.83	-19.50	-15.92	-15.69	-18.38	-18.47	-21.44	-15.77	-21.15	-21.23	-22.79	-25.13	-29.40	-22.62	-24.39	-23.35	-11.21
50.00	-16.26	-45.13	-26.33	-27.32	-16.95	-25.77	-19.71	-22.82	-22.61	-17.87	-29.18	-28.39	-29.90	-24.43	-28.95	-20.07	-26.40	-26.87	-17.68
60.00	-11.61	-40.93	-34.40	-23.10	-24.09	-24.44	-16.13	-26.27	-22.66	-33.26	-25.53	-27.25	-27.48	-23.67	-30.67	-26.13	-28.62	-27.31	-15.62
70.00	-9.52	-39.93	-37.17	-32.76	-28.20	-21.43	-29.19	-16.54	-31.18	-34.16	-38.15	-32.74	-30.52	-22.26	-27.83	-21.82	-21.49	-22.50	-22.61
80.00	-10.62	-55.22	-38.33	-23.22	-22.79	-28.11	-28.35	-27.32	-28.87	-33.26	-36.91	-23.67	-37.07	-32.80	-26.11	-25.95	-24.89	-26.59	-13.98
90.00	-12.35	-50.55	-36.16	-23.17	-23.45	-28.55	-33.91	-27.02	-28.79	-33.35	-34.25	-24.58	-35.70	-33.87	-28.14	-27.07	-29.15	-26.35	-16.19

30 GHz Raw Data

LHCP, Co-Pol, Azimuth

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90.00	-3.23	-13.19	-23.83	-30.31	-33.44	-27.75	-30.42	-31.06	-33.87	-21.51	-26.08	-19.48	-35.98	-37.13	-47.45	-27.69	-37.07	-41.68	-23.12
-80.00	0.01	-18.54	-18.39	-22.79	-17.39	-34.03	-23.99	-31.72	-38.16	-27.20	-35.48	-19.97	-27.94	-28.51	-35.81	-26.55	-34.66	-29.64	-14.74
-70.00	-3.53	-16.04	-10.05	-18.79	-18.87	-22.66	-22.04	-24.16	-23.53	-12.40	-22.46	-30.39	-38.08	-24.13	-27.54	-33.54	-42.53	-31.01	-3.88
-60.00	-3.60	-13.64	-19.23	-11.93	-19.05	-14.31	-18.53	-36.78	-12.50	-24.17	-23.99	-28.85	-36.88	-36.92	-42.23	-31.08	-36.05	-42.00	-6.27
-50.00	-11.69	-15.81	-17.06	-14.20	-15.65	-18.41	-11.29	-36.43	-19.68	-16.16	-23.28	-15.77	-19.93	-34.49	-24.05	-30.85	-27.85	-32.37	-13.71
-40.00	-4.88	-21.72	-21.11	-20.75	-9.95	-17.80	-14.40	-6.83	-21.67	-38.50	-16.57	-22.59	-19.26	-14.79	-27.64	-45.55	-25.55	-29.46	-41.39
-30.00	-7.22	-12.99	-10.91	-21.36	-13.53	-17.58	-11.73	-22.00	-8.72	-18.50	-17.96	-27.02	-17.90	-24.50	-25.42	-23.35	-31.11	-34.91	-7.02
-20.00	-2.34	-7.10	-11.16	-12.09	-9.59	-7.01	-20.21	-14.93	-19.01	-16.14	-19.16	-13.46	-17.42	-20.01	-21.31	-29.20	-24.96	-19.60	-0.88
-10.00	3.27	1.62	-1.68	-4.15	-15.07	-10.19	-7.58	-7.97	-7.46	-11.92	-11.48	-7.72	-8.23	-14.39	-19.21	-10.30	-11.71	-1.79	7.51
-9.00	8.39	7.95	6.27	2.52	-7.74	-22.21	-12.22	-4.63	-6.21	-4.57	-5.95	-13.25	-14.53	-53.61	-20.48	-12.27	-7.70	2.94	9.60
-8.00	3.71	3.16	0.19	-6.96	0.92	-0.62	-17.36	-9.45	-2.99	-13.63	0.84	-5.59	-16.46	-24.86	-29.54	-31.03	-14.35	-0.98	4.26
-7.00	10.70	9.95	7.37	0.69	0.01	-18.18	-15.08	-4.63	2.61	3.19	-6.16	-1.00	-2.22	-8.95	-9.74	-11.72	-20.00	1.04	2.34
-6.00	9.72	9.87	9.57	8.07	0.24	5.30	4.12	4.09	2.19	-9.73	-8.57	-2.33	-2.69	0.68	-10.05	-2.99	-0.62	11.58	12.47
-5.00	13.77	12.54	11.27	9.38	9.90	10.49	8.21	6.13	-2.48	1.59	3.45	6.02	1.69	-5.22	-2.83	-13.88	6.53	13.62	13.59
-4.00	10.65	10.45	8.65	4.62	9.27	9.53	8.30	10.97	7.08	-1.36	-6.54	2.53	4.94	-1.78	-9.71	-12.27	-0.39	4.20	3.50
-3.00	2.98	6.48	8.37	9.37	13.81	17.30	17.56	12.03	9.78	10.33	16.30	19.81	17.17	-0.69	6.70	12.88	15.15	16.39	15.01
-2.00	18.04	19.27	20.32	21.85	22.51	24.55	24.97	24.97	24.39	21.80	13.55	23.43	24.97	24.97	24.97	24.92	24.90	24.97	23.15
-1.00	30.98	31.33	31.96	33.04	34.54	36.59	37.18	38.13	39.45	40.83	42.54	44.84	40.43	35.62	32.63	30.65	29.41	28.76	26.68
0.00	46.07	46.24	46.46	46.81	47.44	48.35	47.77	47.41	47.55	47.73	48.29	49.53	44.24	38.59	34.93	32.40	30.80	29.89	27.74
1.00	30.89	31.28	31.76	32.91	34.47	36.64	37.23	38.16	39.55	40.87	42.58	44.86	40.45	35.61	32.66	30.68	29.47	28.77	26.68
2.00	15.70	17.25	19.26	21.46	22.13	24.94	23.68	23.92	23.67	21.31	11.06	22.79	24.89	24.92	24.97	24.97	24.97	24.97	23.13
3.00	13.59	14.02	13.97	13.96	13.00	15.80	18.11	17.76	15.02	0.67	11.36	18.56	16.65	3.09	6.11	12.40	14.95	16.28	14.83
4.00	2.84	4.64	8.67	10.74	13.52	16.24	16.70	13.93	6.58	1.90	4.45	-9.10	3.21	-2.79	-4.15	-3.84	2.28	5.00	4.60
5.00	12.46	11.84	10.46	7.73	6.01	2.49	-0.64	-5.36	-1.79	-4.26	-6.42	5.03	-4.04	-11.15	-4.78	-15.22	7.98	14.09	13.80
6.00	5.23	4.46	1.09	-4.92	6.45	9.88	6.87	-6.90	-17.42	-11.53	4.28	3.27	0.68	-4.25	-16.92	-4.37	0.87	12.07	12.72
7.00	9.53	9.09	7.37	3.02	-30.09	-2.82	-6.27	-11.01	-0.99	1.77	-13.11	-6.71	2.51	-10.25	-11.76	-10.47	-18.88	1.77	3.67
8.00	6.61	6.49	4.51	0.66	0.68	1.35	-7.28	-3.57	0.19	-10.89	2.09	-5.50	-9.77	-15.76	-22.41	-17.92	-19.56	-0.85	3.55
9.00	10.19	9.92	8.11	4.11	-1.86	-4.92	-10.22	-6.95	-7.00	-2.63	-19.35	-12.49	-12.71	-15.40	-15.45	-15.77	-9.45	3.35	9.44
10.00	2.00	2.39	0.72	-1.50	-2.64	-9.71	-32.13	-7.85	-12.19	-9.93	-19.93	-22.60	-9.59	-18.39	-8.73	-14.19	-10.58	-1.30	7.42
20.00	-1.63	-4.85	-14.32	-19.55	-9.29	-18.70	-9.55	-19.15	-6.81	-14.85	-22.99	-22.86	-14.17	-29.75	-44.02	-28.13	-30.06	-17.90	-0.09
30.00	-6.99	-10.91	-7.60	-12.74	-15.60	-7.41	-12.67	-14.04	-7.77	-38.40	-17.29	-11.26	-16.45	-18.67	-28.46	-25.80	-35.70	-27.74	-7.50
40.00	-4.00	-20.67	-15.71	-12.92	-8.21	-13.73	-10.20	-14.39	-16.22	-10.67	-8.78	-4.82	-21.36	-25.71	-23.84	-31.37	-31.90	-30.82	-22.33
50.00	-18.89	-25.01	-26.86	-19.99	-20.14	-17.16	-14.89	-15.63	-18.29	-15.55	-35.17	-17.30	-21.78	-30.28	-25.18	-35.82	-24.85	-42.71	-14.72
60.00	-7.35	-21.03	-26.18	-24.04	-17.07	-10.86	-16.74	-17.13	-19.81	-18.32	-22.43	-19.20	-25.04	-36.77	-35.92	-25.99	-32.81	-29.01	-4.94
70.00	0.50	-13.53	-15.21	-21.90	-18.08	-20.26	-23.04	-20.50	-30.26	-15.54	-21.17	-18.05	-25.58	-25.28	-34.22	-32.22	-34.87	-35.65	-3.08
80.00	-6.64	-17.83	-18.33	-22.46	-17.29	-30.05	-28.98	-37.23	-28.22	-23.88	-26.57	-24.87	-32.67	-25.25	-28.08	-34.54	-34.28	-34.70	-12.48
90.00	-8.91	-18.74	-32.96	-29.40	-33.34	-27.25	-26.87	-36.08	-35.18	-28.39	-22.37	-24.57	-32.82	-35.64	-35.48	-35.56	-35.42	-36.54	-18.43

LHCP, Co-Pol, Elevation

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90.00	-20.12	-38.56	-27.03	-8.66	-27.96	-21.89	-27.27	-13.23	-17.65	-14.04	-27.36	-25.21	-26.67	-24.75	-30.44	-27.31	-20.83	-10.19	-0.23
-80.00	-11.74	-26.52	-24.61	-7.51	-16.31	-13.28	-19.23	-13.71	-27.05	-19.73	-31.65	-25.87	-20.25	-31.03	-14.39	-19.79	-15.39	-15.54	3.01
-70.00	-0.88	-27.89	-32.48	-14.50	-8.05	-8.89	-29.37	-24.13	-14.03	-4.93	-17.02	-18.31	-18.30	-19.66	-15.87	-15.79	-7.05	-13.04	-0.53
-60.00	-3.27	-38.88	-26.00	-12.04	-22.74	-21.68	-28.17	-22.59	-15.56	-16.70	-5.98	-30.94	-14.79	-11.31	-16.05	-8.93	-16.23	-10.64	-0.61
-50.00	-10.71	-29.24	-17.81	-11.81	-4.55	-19.25	-11.22	-9.52	-14.85	-8.69	-13.17	-30.58	-7.55	-15.41	-12.65	-11.20	-14.06	-12.81	-8.69
-40.00	-38.39	-26.34	-15.50	-26.51	-8.14	0.45	-10.55	-16.34	-8.14	-31.04	-15.16	-0.98	-10.65	-14.80	-6.95	-17.75	-18.11	-18.72	-1.88
-30.00	-4.02	-31.78	-21.06	-4.31	-5.93	-9.26	-9.19	-20.76	-9.52	-11.03	-2.21	-16.15	-7.98	-14.58	-10.53	-18.36	-7.91	-9.99	-4.23
-20.00	2.12	-16.48	-14.91	-10.17	-1.82	-4.77	-8.71	-7.21	-10.72	-8.68	-12.50	-9.08	-16.46	-4.01	-6.59	-9.09	-8.16	-4.10	0.66
-10.00	10.51	1.33	-1.66	8.74	0.28	0.85	0.48	-1.46	-3.05	-4.45	-0.95	-2.12	-3.84	-7.19	-12.07	-1.15	1.32	4.62	6.27
-9.00	12.60	6.06	2.35	6.77	-0.98	-38.37	-5.83	-6.99	2.48	2.90	0.30	1.21	-8.48	-19.21	-4.74	5.52	9.27	10.95	11.39
-8.00	7.26	2.14	-4.30	-12.00	-10.05	-9.62	-7.75	0.67	9.27	-6.16	3.52	-3.61	-13.62	2.38	3.92	-3.96	3.19	6.16	6.71
-7.00	5.34	4.16	-9.95	7.32	9.75	6.29	6.49	5.26	2.27	10.66	9.13	1.22	-11.34	-15.18	3.01	3.69	10.37	12.95	13.70
-6.00	15.47	14.70	9.43	16.05	9.45	15.91	6.02	3.93	-0.14	-2.26	8.71	9.94	7.87	8.30	3.24	11.07	12.57	12.87	12.72
-5.00	16.59	16.74	16.57	5.16	16.66	10.02	10.40	12.27	11.88	9.06	4.04	11.98	11.96	13.49	12.90	12.38	14.27	15.54	16.77
-4.00	6.50	7.32	9.65	6.77	9.78	13.45	13.65	8.79	1.89	6.11	13.59	16.82	12.04	12.53	12.27	7.62	11.65	13.45	13.65
-3.00	18.01	19.52	25.19	31.91	26.20	14.55	25.88	26.07	24.73	17.80	16.29	17.88	21.30	20.30	16.81	12.37	11.37	9.48	5.98
-2.00	26.15	28.10	34.95	43.95	44.47	40.21	33.68	29.69	21.98	29.26	30.91	30.82	28.72	27.55	25.51	24.84	23.32	22.27	21.04
-1.00	29.68	31.88	39.45	49.68	52.13	50.86	49.14	51.10	50.97	48.30	45.96	43.98	40.93	39.59	37.54	36.04	34.96	34.33	33.98
0.00	30.74	33.01	40.85	51.44	54.42	53.83	52.95	55.78	56.72	55.20	54.07	53.26	51.52	51.35	50.44	49.81	49.46	49.24	49.07
1.00	29.68	31.89	39.52	49.72	52.15	50.85	49.16	51.12	51.02	48.33	46.07	44.01	40.98	39.64	37.47	35.91	34.76	34.28	33.89
2.00	26.13	28.09	35.02	44.01	44.47	40.16	33.60	29.05	19.49	28.77	30.18	29.77	27.43	27.94	25.13	24.46	22.26	20.25	18.70
3.00	17.83	19.40	24.99	31.43	25.60	18.33	25.35	24.82	19.79	8.14	21.54	23.61	21.85	18.80	16.00	16.96	16.97	17.02	16.59
4.00	7.60	8.13	12.33	15.20	15.34	12.45	11.92	-2.84	12.89	9.37	13.09	19.78	20.45	19.24	16.52	13.74	11.67	7.64	5.84
5.00	16.80	17.21	18.03	3.82	14.71	4.09	4.67	11.28	2.01	3.21	4.73	0.49	3.11	5.49	9.01	10.73	13.46	14.84	15.46
6.00	15.72	15.19	10.91	14.67	2.57	10.99	9.39	9.53	12.71	-4.06	-10.90	-1.05	10.62	12.88	9.45	-1.92	4.09	7.46	8.22
7.00	6.67	4.89	-8.84	8.56	7.74	4.99	11.22	-0.45	-4.68	9.24	5.52	-5.16	-2.53	0.18	-27.09	6.02	10.37	12.09	12.53
8.00	6.55	2.27	-9.52	1.12	-2.92	-0.52	-1.06	0.76	10.52	-3.43	6.71	2.28	-3.54	4.35	3.68	3.66	7.51	9.49	9.61
9.00	12.44	6.47	0.59	3.27	4.05	-0.16	-4.00	-6.23	-10.92	4.84	-0.49	-1.11	-6.48	-1.92	1.14	7.11	11.11	12.92	13.18
10.00	10.42	1.82	-0.53	4.84	10.77	-3.15	-0.88	-16.35	-11.50	-2.46	-5.67	-2.00	-28.38	-6.71	0.36	1.50	3.72	5.39	5.00
20.00	2.91	-14.78	-20.02	-9.09	-24.52	-14.52	-5.46	-16.60	-14.56	-7.38	-0.29	-13.30	-5.80	-15.70	-6.29	-16.55	-11.32	-1.85	1.37
30.00	-4.50	-24.62	-25.65	-6.76	-8.97	-3.43	-7.74	-5.00	-8.86	-30.94	-1.26	-8.20	-8.92	-4.41	-12.60	-9.74	-4.60	-7.91	-3.99
40.00	-19.33	-27.70	-21.85	-12.34	-4.34	-10.47	-12.66	1.44	-0.35	-3.20	-9.70	-8.54	-6.45	-10.73	-5.21	-9.92	-12.71	-17.67	-1.00
50.00	-11.72	-39.59	-14.81	-16.79	-5.68	-15.04	-13.07	-11.04	-26.74	-8.08	-11.77	-9.78	-11.14	-14.16	-17.14	-16.99	-23.86	-22.01	-15.89
60.00	-1.94	-25.88	-22.77	-6.95	-16.42	-21.53	-16.33	-12.95	-14.00	-10.86	-13.29	-11.28	-12.99	-7.86	-14.07	-21.04	-23.18	-18.03	-4.35
70.00	-0.08	-32.53	-24.83	-13.18	-14.73	-10.04	-16.88	-11.79	-12.74	-8.07	-23.74	-14.66	-19.30	-17.26	-15.08	-18.90	-12.21	-10.53	3.50
80.00	-9.48	-31.57	-24.23	-15.50	-8.58	-10.01	-23.96	-18.61	-18.14	-16.41	-21.71	-31.38	-25.24	-27.05	-14.29	-19.46	-15.33	-14.83	-3.64
90.00	-15.43	-33.42	-25.37	-16.53	-15.98	-20.40	-24.11	-18.31	-13.93	-20.93	-28.67	-30.23	-23.13	-24.25	-30.34	-26.40	-29.96	-15.74	-5.91

LHCP, Cross-Pol, Azimuth

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90.00	-29.68	-30.97	-31.10	-28.32	-35.52	-36.36	-39.38	-37.85	-37.05	-33.42	-34.58	-30.95	-40.41	-36.78	-44.49	-40.21	-48.83	-49.58	-19.06
-80.00	-10.04	-20.01	-23.73	-23.86	-21.88	-36.42	-35.74	-38.04	-33.78	-30.93	-31.75	-29.37	-41.28	-35.83	-41.88	-39.49	-48.70	-41.82	-14.47
-70.00	-19.78	-22.14	-17.90	-23.23	-28.03	-33.06	-32.76	-26.86	-31.87	-18.97	-26.75	-24.11	-33.86	-34.09	-39.44	-46.66	-44.98	-41.43	-10.36
-60.00	-26.20	-22.41	-31.61	-25.71	-26.36	-17.92	-31.81	-31.77	-22.50	-28.97	-20.86	-35.57	-32.00	-41.22	-41.63	-47.99	-43.74	-39.82	-13.78
-50.00	-20.13	-23.66	-27.88	-22.78	-29.34	-30.69	-18.19	-40.07	-27.71	-27.19	-28.74	-24.45	-21.77	-34.84	-35.19	-37.51	-44.83	-48.99	-16.40
-40.00	-12.98	-21.48	-28.09	-27.17	-27.32	-28.59	-19.46	-17.75	-25.41	-31.65	-37.49	-26.89	-30.45	-32.79	-44.24	-52.81	-44.88	-39.29	-14.71
-30.00	-11.64	-13.61	-26.32	-29.60	-27.41	-26.70	-22.62	-30.27	-22.62	-29.33	-33.11	-33.20	-23.84	-35.98	-41.63	-30.83	-40.94	-40.63	-15.93
-20.00	-13.76	-15.92	-28.55	-17.62	-18.86	-16.08	-24.63	-27.30	-18.33	-24.28	-36.31	-22.99	-20.20	-28.10	-31.73	-37.59	-39.41	-38.42	-18.11
-10.00	-9.12	-9.02	-12.22	-18.36	-24.64	-23.87	-24.98	-23.93	-19.31	-18.83	-21.01	-19.64	-19.81	-28.56	-19.81	-22.42	-30.60	-18.20	-11.06
-9.00	-17.37	-16.08	-20.29	-24.91	-24.47	-20.34	-19.16	-25.99	-20.76	-16.66	-13.50	-17.41	-30.48	-25.43	-20.60	-25.09	-38.94	-22.50	-18.02
-8.00	-20.43	-15.93	-13.30	-11.07	-7.83	-8.17	-17.10	-20.56	-12.37	-10.36	-13.58	-18.36	-21.37	-34.30	-29.46	-33.08	-36.72	-14.85	-13.73
-7.00	-5.37	-4.62	-5.00	-7.22	-10.09	-11.18	-11.81	-11.50	-7.79	-12.06	-18.89	-13.68	-17.29	-22.35	-25.06	-23.03	-30.96	-13.42	-9.68
-6.00	-0.99	-1.65	-2.03	-3.13	-5.29	-7.54	-12.88	-13.76	-16.76	-23.51	-22.06	-9.58	-9.77	-14.64	-17.52	-22.94	-26.37	-13.22	-10.65
-5.00	-5.69	-6.77	-7.89	-8.88	-8.34	-5.19	-5.06	-8.81	-14.70	-10.24	-7.25	-4.50	-9.62	-14.76	-17.26	-27.82	-18.98	-14.96	-14.76
-4.00	-5.10	-5.42	-7.18	-8.53	-7.82	-4.33	-0.88	0.18	-1.48	-6.55	-13.93	-7.73	-9.53	-15.37	-23.05	-19.82	-14.97	-15.81	-19.80
-3.00	4.24	4.32	4.46	4.58	4.19	4.26	2.49	0.57	-1.77	-3.01	-7.74	-7.19	-11.17	-14.74	-13.36	-14.50	-17.96	-26.43	-29.36
-2.00	0.89	1.48	0.17	-0.03	-0.69	-1.68	-4.95	-7.05	-4.93	-1.83	0.01	4.59	-1.77	-6.79	-11.22	-14.04	-16.82	-19.45	-27.35
-1.00	-8.59	-6.09	-6.75	-4.63	-2.65	-0.73	4.37	3.05	2.49	2.74	3.36	5.07	-0.51	-5.84	-8.61	-10.54	-11.53	-12.88	-17.12
0.00	3.43	3.58	3.65	3.92	4.38	5.25	4.75	4.60	4.91	4.87	5.56	6.55	1.19	-4.59	-8.17	-10.41	-12.11	-12.92	-14.82
1.00	9.57	6.08	9.69	9.66	9.37	9.27	7.41	3.80	1.90	-0.08	0.67	-0.83	-5.93	-11.20	-18.31	-15.79	-16.20	-14.56	-14.29
2.00	6.16	6.41	6.31	6.42	6.33	5.89	2.74	1.41	2.51	4.84	5.35	5.41	-2.68	-12.03	-25.34	-19.52	-20.41	-18.88	-18.27
3.00	-3.98	-3.12	-1.24	-0.01	1.06	3.24	4.26	4.57	3.03	0.62	1.77	1.83	-3.27	-7.50	-16.05	-19.33	-17.56	-18.49	-22.57
4.00	1.36	1.91	2.13	2.16	1.44	-0.69	-5.71	-9.55	-8.59	-6.07	-1.93	-3.69	-8.85	-11.48	-17.13	-19.60	-16.51	-12.27	-15.34
5.00	-5.70	-5.70	-6.52	-8.66	-9.91	-7.21	-7.00	-8.80	-16.08	-16.29	-12.68	-12.51	-9.80	-13.10	-19.28	-23.50	-26.56	-14.82	-13.43
6.00	-12.75	-11.12	-9.79	-9.77	-7.99	-6.80	-11.04	-9.68	-10.06	-10.21	-7.60	-4.66	-14.49	-12.62	-17.06	-22.11	-27.41	-12.66	-11.13
7.00	-7.86	-7.31	-6.39	-7.31	-10.50	-14.01	-19.12	-18.59	-13.53	-12.33	-7.84	-6.12	-12.04	-23.11	-20.32	-23.36	-31.68	-12.06	-10.23
8.00	-12.91	-14.88	-14.91	-11.76	-8.91	-8.96	-13.91	-15.92	-18.27	-23.72	-14.59	-10.43	-14.89	-20.80	-34.90	-32.44	-28.63	-17.99	-13.33
9.00	-3.66	-4.99	-6.31	-8.12	-10.27	-12.52	-15.19	-17.58	-17.13	-20.16	-21.94	-17.86	-19.15	-20.35	-34.41	-25.06	-29.73	-20.87	-16.32
10.00	-5.73	-6.82	-8.93	-14.04	-19.92	-24.46	-22.96	-23.20	-21.56	-18.89	-22.00	-15.17	-16.49	-21.04	-29.21	-22.71	-28.15	-19.97	-11.42
20.00	-14.58	-19.99	-25.65	-24.57	-21.60	-27.89	-18.73	-25.55	-23.47	-21.40	-29.58	-20.38	-30.26	-31.82	-40.20	-35.63	-36.79	-29.29	-16.19
30.00	-15.70	-18.25	-17.11	-35.07	-26.39	-18.70	-18.67	-21.63	-15.79	-22.71	-22.03	-24.69	-26.05	-28.49	-35.32	-33.43	-40.68	-37.09	-19.30
40.00	-14.48	-21.39	-21.92	-23.26	-21.12	-25.94	-24.47	-22.42	-24.79	-23.71	-23.69	-23.98	-31.97	-26.84	-33.09	-35.51	-36.97	-39.84	-14.33
50.00	-17.94	-27.11	-26.54	-27.94	-29.06	-34.37	-29.09	-25.17	-25.61	-32.37	-29.25	-28.47	-28.71	-35.26	-28.89	-38.61	-33.46	-50.89	-15.93
60.00	-22.13	-26.64	-33.76	-25.68	-27.52	-22.27	-29.91	-26.06	-20.52	-30.42	-28.39	-30.21	-33.88	-38.12	-40.90	-37.19	-42.99	-37.51	-14.24
70.00	-13.34	-24.36	-15.69	-26.10	-30.64	-29.75	-30.08	-27.81	-27.79	-20.57	-37.95	-26.97	-32.07	-37.61	-47.28	-44.88	-48.28	-38.08	-12.19
80.00	-24.02	-26.39	-24.34	-34.20	-28.44	-33.86	-29.44	-36.62	-33.49	-32.94	-36.74	-34.16	-34.79	-41.14	-39.62	-35.94	-45.19	-39.04	-14.06
90.00	-16.10	-33.29	-38.84	-36.22	-32.39	-34.20	-35.63	-34.99	-37.29	-33.95	-36.35	-37.67	-39.98	-45.98	-46.86	-36.15	-46.19	-48.25	-19.19

LHCP, Cross-Pol, Elevation

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90.00	-16.06	-46.46	-38.79	-21.17	-24.99	-21.54	-31.70	-24.69	-26.14	-25.95	-30.54	-32.00	-35.63	-33.36	-32.52	-25.32	-28.10	-27.97	-26.68
-80.00	-11.47	-38.69	-38.65	-20.45	-22.39	-20.59	-32.57	-23.11	-23.32	-23.47	-27.27	-32.19	-32.00	-33.42	-18.88	-20.86	-20.73	-17.01	-7.04
-70.00	-7.36	-38.31	-34.93	-27.63	-19.95	-18.85	-25.16	-17.86	-18.32	-11.50	-25.36	-21.01	-29.01	-30.06	-25.03	-20.23	-14.90	-19.14	-16.78
-60.00	-10.78	-36.69	-33.69	-28.96	-22.14	-25.98	-23.30	-29.31	-12.43	-21.50	-15.99	-25.92	-28.06	-14.92	-23.36	-22.71	-28.61	-19.41	-23.20
-50.00	-13.40	-45.87	-34.78	-18.47	-15.70	-19.60	-13.06	-18.19	-20.31	-19.72	-21.20	-34.22	-14.45	-27.69	-26.34	-19.78	-24.88	-20.66	-17.13
-40.00	-11.71	-36.17	-34.83	-33.78	-24.74	-17.55	-21.74	-20.63	-29.06	-24.19	-18.89	-11.90	-15.72	-25.59	-24.32	-24.17	-25.09	-18.48	-9.99
-30.00	-12.93	-37.51	-30.90	-11.80	-22.14	-20.74	-15.13	-26.95	-24.68	-21.86	-16.10	-24.42	-18.88	-23.70	-24.41	-26.60	-23.32	-10.61	-8.64
-20.00	-15.11	-35.29	-29.36	-18.55	-12.23	-12.86	-11.49	-16.73	-27.88	-16.81	-11.81	-21.45	-20.89	-13.08	-15.86	-14.62	-25.55	-12.92	-10.76
-10.00	-8.06	-15.08	-20.55	-3.39	-0.31	-13.32	-11.11	-13.39	-12.57	-11.36	-12.79	-18.08	-21.23	-20.87	-21.64	-15.37	-9.22	-6.02	-6.12
-9.00	-15.02	-19.37	-28.90	-6.05	-1.11	-10.19	-21.77	-11.16	-5.06	-9.19	-14.25	-20.15	-15.42	-17.34	-21.47	-21.91	-17.29	-13.08	-14.37
-8.00	-10.73	-11.72	-26.67	-14.04	-9.96	-19.06	-12.66	-12.11	-5.14	-2.89	-5.86	-14.72	-13.35	-5.17	-4.83	-8.07	-10.30	-12.93	-17.43
-7.00	-6.68	-10.30	-20.91	-3.99	-5.57	-7.11	-8.59	-7.42	-10.46	-4.59	-1.27	-5.66	-8.06	-8.18	-7.09	-4.22	-2.00	-1.62	-2.37
-6.00	-7.65	-10.09	-16.33	-3.90	1.97	0.60	-1.06	-3.32	-13.63	-16.04	-10.24	-7.91	-9.13	-4.54	-2.29	-0.13	0.97	1.35	2.01
-5.00	-11.76	-11.84	-8.93	-8.78	2.23	0.48	-0.91	1.75	1.18	-2.77	-8.19	-2.97	-1.32	-2.19	-5.34	-5.88	-4.89	-3.77	-2.69
-4.00	-16.80	-12.69	-4.93	-0.78	-3.56	-0.13	-0.82	-1.47	-5.50	0.91	5.04	6.03	2.86	-1.33	-4.82	-5.53	-4.18	-2.42	-2.10
-3.00	-26.36	-23.31	-7.91	4.54	6.14	0.50	-2.46	-0.93	0.70	4.45	4.75	6.41	6.24	7.26	7.19	7.58	7.46	7.32	7.24
-2.00	-24.35	-16.33	-6.77	5.00	8.28	8.45	6.94	10.84	8.44	5.64	1.58	-1.20	-1.20	1.32	2.31	2.97	3.17	4.48	3.89
-1.00	-14.12	-9.76	-1.48	8.50	10.89	9.40	8.19	11.33	11.79	10.20	9.00	8.89	8.12	2.27	0.35	-1.63	-3.75	-3.09	-5.59
0.00	-11.82	-9.80	-2.06	8.62	11.33	10.65	9.89	12.81	13.99	12.34	11.43	10.44	8.49	8.25	7.38	6.92	6.65	6.58	6.43
1.00	-11.29	-11.44	-6.15	3.24	1.18	4.04	2.78	5.43	9.10	7.38	8.42	9.65	11.16	12.27	12.37	12.66	12.69	9.08	12.57
2.00	-15.27	-15.76	-10.36	-0.48	-5.85	3.21	6.03	11.66	13.78	12.31	9.03	7.26	6.48	8.89	9.33	9.42	9.31	9.41	9.16
3.00	-19.57	-15.37	-7.52	-0.29	3.45	7.74	5.44	8.09	10.20	8.09	9.54	10.41	8.01	6.24	4.06	2.99	1.76	-0.12	-0.98
4.00	-12.34	-9.14	-6.46	-0.56	2.36	3.76	-0.15	2.57	6.50	1.40	-2.08	-3.70	-1.97	2.31	4.44	5.16	5.13	4.91	4.36
5.00	-10.43	-11.70	-16.52	-4.47	0.21	2.14	-1.09	-6.25	-4.25	-8.82	-9.56	-2.95	-3.25	-4.21	-6.91	-5.66	-3.52	-2.70	-2.70
6.00	-8.13	-9.54	-17.36	-3.08	2.43	2.62	-5.78	1.60	0.83	-2.74	-3.54	-3.83	-7.30	-3.80	-4.99	-6.77	-6.79	-8.12	-9.75
7.00	-7.23	-8.94	-21.64	-4.32	-0.83	-7.87	-3.33	0.13	0.59	-4.87	-7.02	-12.74	-15.37	-11.01	-7.50	-4.31	-3.39	-4.31	-4.86
8.00	-10.33	-14.86	-18.59	-13.40	-15.40	-5.56	-6.18	-4.17	-6.16	-16.25	-11.76	-10.07	-10.16	-5.96	-5.91	-8.76	-11.91	-11.88	-9.91
9.00	-13.32	-17.75	-19.69	-6.02	-14.91	-5.11	-10.44	-11.60	-13.51	-12.69	-10.61	-11.73	-11.44	-9.52	-7.27	-5.13	-3.31	-1.99	-0.66
10.00	-8.42	-16.85	-18.11	-3.67	-9.72	-5.80	-7.78	-8.91	-13.57	-11.42	-15.05	-17.35	-19.21	-21.46	-16.92	-11.04	-5.93	-3.82	-2.73
20.00	-13.19	-26.17	-26.74	-16.59	-20.71	-16.58	-21.55	-14.13	-21.15	-13.93	-16.95	-19.70	-14.98	-24.89	-18.60	-21.57	-22.65	-16.99	-11.58
30.00	-16.30	-33.97	-30.63	-14.39	-15.82	-13.25	-17.34	-18.43	-13.60	-15.24	-9.27	-15.78	-14.93	-15.70	-23.39	-32.07	-14.11	-15.25	-12.70
40.00	-11.33	-36.72	-26.92	-16.47	-13.59	-11.60	-23.27	-17.72	-15.26	-16.25	-18.28	-16.58	-20.72	-22.94	-18.12	-20.26	-18.92	-18.39	-11.48
50.00	-12.93	-47.77	-23.41	-19.58	-9.40	-20.02	-20.01	-22.22	-20.82	-24.90	-19.09	-19.32	-25.34	-31.37	-26.06	-24.94	-23.54	-24.11	-14.94
60.00	-11.24	-34.39	-32.94	-18.16	-21.40	-22.88	-25.17	-23.96	-19.96	-22.95	-14.00	-20.22	-26.17	-19.27	-24.52	-22.68	-30.76	-23.64	-19.13
70.00	-9.19	-34.95	-38.23	-25.84	-27.78	-22.37	-23.36	-20.71	-29.52	-13.10	-21.28	-21.96	-26.33	-26.75	-27.64	-23.10	-12.69	-21.36	-10.34
80.00	-11.06	-35.92	-35.14	-16.90	-20.13	-25.90	-26.08	-27.90	-28.30	-25.47	-26.98	-30.77	-25.70	-30.86	-25.44	-31.20	-21.34	-23.39	-21.02
90.00	-16.19	-45.12	-36.14	-17.11	-27.37	-30.74	-31.27	-31.42	-27.92	-26.48	-30.77	-29.14	-31.88	-31.20	-29.39	-33.22	-35.84	-30.29	-13.10

RHCP, Co-Pol, Azimuth

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90.00	-6.83	-18.30	-26.92	-27.83	-25.46	-31.65	-25.10	-29.95	-24.99	-22.85	-35.39	-25.11	-35.66	-38.45	-38.24	-36.26	-41.77	-31.67	-14.28
-80.00	-8.00	-32.06	-16.26	-23.64	-16.27	-21.37	-21.22	-22.83	-26.47	-24.85	-29.19	-27.38	-32.94	-53.05	-35.58	-29.95	-38.71	-28.10	-8.97
-70.00	-15.13	-21.00	-13.05	-15.50	-23.07	-26.42	-17.37	-26.80	-17.77	-20.08	-23.22	-16.48	-35.25	-22.44	-29.09	-38.34	-34.93	-26.63	-2.23
-60.00	-2.89	-13.47	-22.52	-22.52	-19.13	-11.50	-18.70	-20.53	-20.26	-19.87	-24.74	-13.75	-29.03	-39.75	-39.14	-28.41	-38.62	-35.30	-5.23
-50.00	-17.17	-23.56	-19.02	-18.84	-19.93	-20.75	-10.94	-22.46	-21.34	-21.00	-22.22	-11.48	-15.52	-30.20	-27.48	-28.73	-28.49	-41.00	-8.55
-40.00	-5.78	-10.09	-13.37	-13.35	-6.70	-15.27	-21.70	-8.92	-27.38	-23.51	-15.96	-11.71	-23.85	-28.25	-27.85	-31.51	-30.40	-27.79	-14.73
-30.00	-5.59	-11.09	-6.21	-11.73	-12.37	-8.78	-16.21	-17.70	-21.15	-15.61	-13.63	-22.97	-17.06	-25.88	-23.97	-33.23	-34.74	-25.90	-5.21
-20.00	-1.01	-7.50	-21.92	-25.06	-13.55	-31.43	-14.67	-16.37	-8.88	-24.52	-10.55	-3.89	-21.06	-26.72	-22.65	-22.72	-32.20	-24.52	-1.61
-10.00	-0.66	-0.84	-1.81	-5.54	-9.60	-6.30	-4.73	-11.12	-14.04	-14.04	-13.26	-2.55	-5.64	-19.86	-17.79	-17.07	-9.33	-0.82	7.89
-9.00	7.28	6.75	4.74	-0.49	-4.86	-11.03	-8.37	-0.55	-7.51	-6.69	-11.46	-21.16	-27.38	-25.68	-23.21	-21.47	-8.78	2.96	9.58
-8.00	1.54	2.31	-1.12	-9.11	0.40	-0.51	-18.23	-12.92	-3.24	-4.94	2.28	-1.34	-16.76	-21.13	-29.15	-21.36	-21.92	-2.77	3.62
-7.00	11.12	10.61	9.41	5.59	-0.51	-8.60	-3.80	-3.14	2.84	3.26	-3.93	-2.32	-3.13	-11.10	-11.44	-8.01	-18.11	3.18	3.35
-6.00	10.27	9.67	8.01	4.53	3.15	7.08	5.06	-0.71	0.98	-7.31	-13.46	0.19	-2.95	-2.08	-12.73	-2.24	1.73	12.31	12.68
-5.00	14.26	14.07	12.51	10.93	8.82	8.44	8.38	4.40	0.25	2.63	4.10	7.54	0.73	-6.06	-5.02	-19.13	8.13	14.02	13.57
-4.00	11.34	10.89	10.35	8.35	10.38	11.31	10.66	6.33	8.07	0.70	-3.50	4.25	4.24	1.35	-4.81	-9.11	1.71	4.52	2.48
-3.00	7.66	8.38	9.08	8.16	12.96	17.18	18.16	16.96	10.27	10.71	16.52	19.88	17.03	4.06	5.90	12.82	15.12	16.52	15.34
-2.00	16.59	17.19	18.45	20.03	21.27	23.95	24.93	24.97	24.38	21.55	13.80	24.96	24.97	24.94	24.97	24.97	24.97	24.97	23.29
-1.00	30.84	31.21	31.85	33.15	34.66	36.58	37.67	38.52	39.79	41.33	43.13	45.52	40.35	35.58	32.64	30.68	29.41	28.69	26.77
0.00	46.11	46.34	46.68	47.08	47.62	48.43	48.25	47.69	47.83	48.07	48.74	50.14	44.12	38.53	34.92	32.43	30.73	29.81	27.81
1.00	30.58	31.23	31.96	33.12	34.50	36.48	37.69	38.39	39.93	41.39	43.16	45.55	40.40	35.61	32.65	30.72	29.37	28.70	26.78
2.00	13.60	15.56	17.45	19.92	22.12	24.51	24.50	24.43	23.83	20.67	7.83	24.64	24.97	24.97	24.93	24.97	24.94	24.97	23.30
3.00	14.61	14.28	13.60	12.28	11.79	13.51	14.27	13.35	9.00	-6.72	13.03	18.14	17.24	4.61	5.67	12.52	15.28	16.49	15.17
4.00	-4.92	-2.71	6.20	8.72	11.92	15.15	17.14	15.58	11.95	4.48	0.71	-12.17	4.82	2.04	-4.31	-4.68	-1.00	4.68	3.67
5.00	13.97	12.99	11.22	8.67	5.01	5.06	-1.54	-7.64	2.52	4.29	2.71	6.71	-0.25	-6.03	-6.24	-21.20	7.04	13.99	13.71
6.00	6.20	5.61	3.92	-1.47	1.22	4.75	5.51	-4.92	-5.16	-2.12	-10.51	2.62	-4.50	-0.99	-30.95	-4.29	0.57	12.13	12.82
7.00	10.14	10.01	8.94	3.94	-5.88	-6.43	-4.81	-2.62	-11.61	-3.45	1.66	-0.63	1.88	-18.07	-9.65	-13.02	-14.52	1.89	4.41
8.00	7.66	6.99	4.88	-0.94	-10.55	-6.29	-3.03	-0.80	1.58	-12.73	-2.26	0.68	-11.78	-17.30	-23.53	-26.06	-13.49	0.14	3.04
9.00	9.92	10.15	8.92	4.80	-3.52	-9.30	-5.56	-0.66	0.37	-1.39	-6.60	-5.69	-11.73	-12.67	-13.29	-17.10	-8.03	4.66	9.51
10.00	3.92	4.68	3.71	0.30	-2.89	-16.50	-7.31	-10.36	-5.84	-4.05	-11.17	-7.53	-12.38	-23.42	-8.29	-13.19	-11.80	1.17	7.77
20.00	0.34	-5.12	-13.75	-18.79	-16.52	-13.02	-13.26	-17.33	-17.53	-20.67	-11.85	-16.75	-17.89	-34.23	-30.92	-33.04	-27.86	-21.30	-0.02
30.00	-13.78	-9.71	-11.36	-14.99	-12.66	-12.23	-6.77	-8.78	-9.97	-10.01	-8.27	-8.14	-22.37	-24.87	-36.15	-23.45	-24.89	-29.37	-5.18
40.00	-10.28	-16.69	-15.07	-12.36	-9.34	-29.62	-12.12	-24.63	-12.75	-8.67	-7.97	-3.29	-13.55	-12.52	-26.17	-44.53	-24.66	-24.41	-14.19
50.00	-3.94	-26.52	-16.11	-14.56	-16.27	-15.49	-8.26	-19.03	-16.80	-35.55	-31.80	-19.54	-16.98	-28.19	-34.21	-34.64	-29.13	-34.22	-9.02
60.00	-5.09	-39.21	-32.36	-12.32	-29.39	-19.09	-21.49	-19.34	-15.89	-16.28	-24.96	-27.22	-24.31	-30.98	-35.24	-33.54	-46.49	-35.31	-5.06
70.00	-3.33	-15.42	-13.47	-15.01	-25.18	-24.77	-28.56	-20.35	-30.50	-12.06	-29.25	-25.91	-30.22	-23.32	-32.17	-43.25	-29.77	-31.00	-2.43
80.00	-9.40	-23.05	-22.31	-22.13	-15.72	-26.20	-36.76	-29.90	-29.79	-24.64	-24.07	-22.78	-31.73	-36.46	-38.36	-32.36	-38.64	-29.57	-9.23
90.00	-7.52	-18.87	-23.88	-33.40	-28.60	-25.42	-31.39	-33.60	-30.33	-29.87	-28.43	-40.43	-29.32	-39.78	-48.39	-38.01	-53.47	-37.35	-15.44

RHCP, Co-Pol, Elevation

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90.00	-11.28	-28.60	-31.87	-18.13	-19.70	-23.95	-27.02	-19.58	-27.45	-15.08	-18.36	-25.21	-22.10	-28.65	-22.46	-24.83	-23.85	-15.13	-3.77
-80.00	-5.97	-25.03	-28.81	-11.82	-17.05	-38.55	-24.30	-21.85	-21.25	-17.09	-19.84	-18.10	-18.22	-18.37	-13.27	-20.64	-13.19	-28.89	-4.94
-70.00	0.77	-23.56	-25.03	-20.21	-10.56	-7.95	-26.60	-10.95	-15.28	-12.32	-11.13	-22.06	-14.37	-23.42	-20.07	-12.50	-9.98	-17.83	-12.07
-60.00	-2.23	-32.23	-28.73	-10.28	-20.61	-25.25	-20.39	-8.22	-16.80	-12.10	-13.63	-15.79	-15.70	-8.50	-16.13	-19.52	-19.45	-10.30	0.17
-50.00	-5.55	-37.93	-18.59	-10.60	-8.95	-15.70	-6.87	-5.94	-14.28	-13.24	-14.71	-17.73	-7.94	-17.75	-16.93	-15.84	-15.96	-20.39	-14.11
-40.00	-11.73	-24.72	-20.50	-13.37	-9.31	-13.75	-15.20	-6.17	-8.02	-15.74	-20.74	-4.19	-18.70	-12.27	-3.70	-10.35	-10.30	-6.92	-2.72
-30.00	-2.21	-22.83	-24.84	-15.10	-5.43	-11.38	-8.42	-17.44	-5.69	-7.85	-14.51	-12.97	-13.21	-5.78	-9.37	-8.73	-3.14	-7.92	-2.53
-20.00	1.39	-21.45	-22.30	-4.58	-4.12	-12.22	-12.41	1.64	-2.60	-16.76	-2.25	-11.64	-11.67	-28.43	-10.55	-22.06	-18.86	-4.33	2.05
-10.00	10.89	2.25	0.57	1.06	0.75	-5.37	3.01	2.99	-5.32	-6.27	-7.41	-6.39	-1.73	-3.30	-6.60	-2.54	1.25	2.33	2.40
-9.00	12.58	6.03	1.12	-3.33	-4.67	-11.18	-18.74	-15.62	-3.52	1.08	-0.88	4.18	-5.37	-8.03	-1.86	2.51	7.81	9.92	10.34
-8.00	6.62	0.30	-12.02	-3.22	-10.62	-6.64	-8.12	4.19	10.22	2.82	3.39	-8.19	-15.23	2.49	3.40	-6.11	1.94	5.48	4.60
-7.00	6.35	6.25	-8.21	10.12	7.09	3.40	5.52	3.22	4.01	11.02	9.48	1.59	-0.80	-5.60	2.49	8.59	12.48	13.78	14.18
-6.00	15.68	15.38	11.62	15.90	5.80	12.42	5.70	5.73	-5.51	0.46	7.61	4.02	8.06	10.08	6.15	7.53	11.08	12.84	13.33
-5.00	16.57	17.09	18.03	-1.00	13.51	8.44	9.37	13.08	12.04	10.39	6.88	9.13	11.38	11.44	11.82	13.93	15.58	17.24	17.32
-4.00	5.48	7.59	11.61	9.02	13.72	15.85	12.89	9.79	4.44	8.46	14.71	11.06	13.66	14.31	13.38	11.35	13.42	14.06	14.40
-3.00	18.34	19.59	25.02	30.95	24.44	18.56	25.68	25.42	24.46	18.48	16.90	21.69	21.16	20.18	15.96	11.16	12.15	11.55	10.72
-2.00	26.29	28.04	34.87	43.11	43.51	39.44	33.61	30.49	21.74	29.31	31.01	29.71	27.93	26.95	24.27	23.03	21.51	20.36	19.65
-1.00	29.77	31.76	39.30	48.81	51.18	50.08	49.00	51.05	51.07	49.09	46.42	43.26	40.67	39.58	37.66	36.15	34.92	34.38	33.90
0.00	30.81	32.87	40.63	50.56	53.46	53.03	52.77	55.67	56.68	55.83	54.47	52.43	51.25	51.43	50.62	50.08	49.75	49.51	49.17
1.00	29.78	31.76	39.27	48.85	51.19	50.11	49.05	51.09	51.11	49.16	46.57	43.13	40.69	39.48	37.50	36.12	35.02	34.40	33.64
2.00	26.30	28.04	34.83	43.11	43.47	39.47	33.62	30.17	15.77	28.43	30.46	29.16	27.50	27.51	25.12	22.92	20.52	18.73	16.66
3.00	18.17	19.56	25.18	30.65	24.20	19.11	25.88	23.67	20.97	1.04	15.64	18.08	17.27	16.51	14.79	15.28	16.67	17.45	17.67
4.00	6.67	7.75	8.89	13.45	14.23	16.54	13.47	-6.63	8.65	12.25	18.59	20.32	20.14	18.15	14.92	11.72	9.26	0.46	-1.86
5.00	16.71	17.06	16.94	-3.07	12.29	8.47	8.40	12.25	10.66	12.05	9.15	-2.91	1.46	8.06	8.01	11.67	14.29	16.16	17.03
6.00	15.82	15.20	10.47	13.84	-12.42	13.50	4.14	8.15	-2.57	5.64	1.48	-0.19	8.51	7.75	4.22	1.53	6.98	8.78	9.26
7.00	7.41	4.96	-4.62	5.11	8.88	-3.57	10.53	4.90	9.60	4.32	-4.97	2.12	-1.81	-3.43	-2.88	6.94	12.00	13.18	13.20
8.00	6.04	3.20	-3.60	-7.92	-4.99	-2.80	-3.14	6.21	5.68	-4.96	8.21	3.94	-0.03	-3.29	-7.55	2.06	7.94	10.16	10.72
9.00	12.51	7.73	1.87	1.03	5.25	1.82	-3.08	-0.16	1.34	6.37	7.01	4.08	-2.56	-6.30	-0.52	7.80	11.99	13.32	12.98
10.00	10.77	4.24	-1.90	4.94	10.25	-8.93	-3.73	-1.99	-3.23	3.72	0.80	-5.63	-4.31	-13.50	0.11	3.30	6.78	7.85	6.98
20.00	2.98	-18.23	-17.96	-14.91	-12.39	-19.73	-9.24	-11.22	-3.91	-12.91	-10.89	-12.59	-10.26	-10.02	-13.52	-15.79	-10.68	-1.95	3.40
30.00	-2.18	-26.31	-15.00	-5.32	-17.61	-10.38	-13.73	-2.60	-0.33	-2.25	-3.34	-4.05	-3.77	-9.23	-9.66	-11.99	-8.29	-6.54	-10.72
40.00	-11.19	-21.34	-14.77	-26.40	-7.63	1.97	-4.91	2.25	-0.03	-0.91	-6.12	-19.90	-9.12	-26.62	-6.34	-9.36	-12.00	-13.52	-7.22
50.00	-6.02	-31.16	-19.23	-16.51	-15.68	-13.69	-8.34	-14.01	-23.86	-27.79	-10.17	-14.29	-5.26	-12.49	-13.27	-11.56	-13.04	-23.35	-0.88
60.00	-2.06	-32.24	-36.60	-15.40	-16.70	-16.48	-15.67	-21.68	-17.01	-8.52	-9.26	-14.60	-18.49	-16.09	-26.39	-9.32	-29.30	-36.04	-2.03
70.00	0.57	-27.93	-19.87	-25.11	-13.63	-8.82	-21.58	-20.37	-21.31	-4.30	-23.87	-15.61	-25.56	-21.77	-22.18	-12.01	-10.41	-12.25	-0.27
80.00	-6.23	-26.51	-28.74	-14.23	-19.83	-21.96	-23.08	-17.25	-16.13	-16.88	-23.16	-25.16	-33.76	-23.20	-12.72	-19.13	-19.24	-19.88	-6.34
90.00	-12.44	-34.28	-43.57	-19.88	-29.85	-25.28	-20.67	-34.89	-20.49	-22.11	-23.70	-28.87	-28.39	-22.42	-25.60	-30.40	-20.81	-15.70	-4.46

RHCP, Cross-Pol, Azimuth

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90.00	-16.42	-30.05	-28.22	-31.14	-28.37	-31.50	-30.19	-40.83	-32.69	-32.29	-37.58	-29.59	-33.12	-47.21	-42.88	-37.91	-49.77	-52.99	-21.69
-80.00	-6.99	-22.56	-25.90	-37.91	-20.49	-29.70	-30.99	-31.11	-33.64	-34.11	-28.16	-33.89	-27.67	-42.20	-45.15	-36.50	-46.80	-43.36	-16.60
-70.00	-17.24	-22.67	-21.95	-26.26	-30.76	-21.79	-30.89	-25.99	-27.91	-22.53	-27.97	-20.13	-32.70	-32.40	-45.24	-38.28	-41.82	-38.80	-14.18
-60.00	-22.46	-25.62	-31.85	-29.79	-24.40	-22.19	-26.23	-32.02	-32.42	-28.25	-30.02	-25.33	-39.39	-36.48	-40.53	-39.70	-48.93	-40.81	-16.24
-50.00	-21.46	-23.04	-29.57	-22.40	-28.38	-23.90	-23.20	-27.50	-30.49	-27.28	-29.64	-23.06	-34.88	-35.52	-35.63	-38.19	-38.73	-43.78	-20.15
-40.00	-17.66	-18.48	-24.99	-20.20	-18.20	-28.86	-28.70	-22.28	-30.93	-32.72	-29.40	-27.20	-25.66	-28.71	-36.72	-38.05	-43.75	-42.02	-17.20
-30.00	-18.81	-24.15	-20.26	-26.36	-19.96	-28.29	-27.40	-28.14	-29.42	-24.47	-23.79	-28.51	-22.13	-37.04	-42.48	-34.16	-53.49	-45.06	-19.84
-20.00	-16.99	-24.66	-24.46	-20.07	-21.90	-23.36	-21.13	-24.80	-18.00	-23.14	-21.50	-23.23	-33.45	-34.70	-35.27	-36.14	-34.36	-32.85	-17.13
-10.00	-5.15	-6.55	-11.24	-20.94	-18.47	-15.92	-16.56	-20.33	-25.97	-25.74	-19.24	-12.60	-20.20	-24.51	-23.39	-27.19	-30.40	-16.37	-10.65
-9.00	-13.50	-13.43	-13.83	-16.47	-29.38	-18.87	-19.07	-27.37	-27.00	-13.76	-12.65	-16.80	-23.59	-27.04	-24.60	-29.65	-33.76	-20.06	-15.00
-8.00	-14.27	-12.73	-12.55	-12.46	-12.28	-12.93	-16.64	-16.11	-9.18	-8.91	-10.41	-14.47	-22.23	-25.41	-31.59	-32.25	-35.24	-13.89	-12.93
-7.00	-5.03	-5.70	-6.76	-7.88	-11.01	-11.90	-12.30	-9.77	-6.90	-10.61	-15.06	-13.15	-13.15	-18.32	-25.31	-22.44	-29.12	-12.35	-9.34
-6.00	-2.98	-3.56	-4.21	-5.67	-7.37	-9.56	-13.95	-14.96	-14.27	-19.48	-18.47	-6.69	-8.92	-16.63	-18.19	-21.34	-21.08	-10.07	-9.20
-5.00	-6.37	-5.97	-6.09	-6.27	-6.50	-5.66	-6.37	-8.98	-11.64	-9.42	-6.75	-2.76	-13.76	-17.60	-19.00	-30.42	-15.46	-10.11	-10.81
-4.00	-0.22	-0.60	-1.06	-1.56	-1.76	0.11	1.31	0.84	-0.08	-3.07	-7.31	-7.02	-13.03	-19.14	-21.74	-19.12	-12.51	-10.66	-13.04
-3.00	4.92	5.23	5.49	5.68	6.18	6.62	5.62	3.74	1.60	-0.01	-3.63	-8.06	-13.26	-13.99	-10.88	-12.36	-13.61	-15.01	-15.17
-2.00	3.99	4.36	4.27	4.30	3.80	2.77	0.25	-2.31	-1.80	-0.37	1.28	5.26	-1.10	-6.00	-7.63	-9.13	-9.65	-9.15	-10.29
-1.00	-0.45	-0.26	1.50	2.32	1.96	4.92	7.16	6.17	6.73	7.69	9.43	11.45	6.39	1.48	-1.54	-3.53	-4.51	-5.00	-6.92
0.00	11.92	12.20	12.53	12.97	13.50	14.36	14.17	13.67	13.80	14.05	14.79	16.14	10.19	4.57	0.98	-1.53	-3.18	-4.16	-6.14
1.00	1.81	7.61	6.76	6.73	7.71	8.12	7.85	6.47	6.99	8.00	9.63	11.92	6.54	1.67	-1.33	-3.29	-4.64	-5.40	-7.24
2.00	5.09	5.40	5.59	5.52	6.10	5.89	3.80	1.37	1.66	1.20	3.40	4.36	-3.60	-8.00	-8.85	-9.02	-9.31	-9.45	-11.37
3.00	-4.49	-5.49	-5.99	-5.13	-2.84	0.87	3.00	3.01	0.70	-1.62	2.63	2.10	-7.91	-9.48	-17.60	-19.33	-17.55	-15.22	-18.55
4.00	-0.66	0.07	1.04	1.89	2.65	2.35	-1.35	-7.60	-11.57	-5.94	-2.66	-2.42	-5.08	-9.90	-20.53	-22.90	-16.12	-11.38	-10.25
5.00	-3.42	-3.81	-4.57	-5.18	-7.05	-9.24	-6.89	-6.24	-9.64	-17.53	-17.69	-8.35	-7.86	-11.13	-19.85	-25.40	-19.01	-10.43	-9.53
6.00	-10.58	-10.95	-10.16	-8.82	-8.48	-8.76	-10.80	-8.50	-8.13	-9.74	-9.14	-6.94	-13.31	-13.90	-16.18	-21.72	-22.46	-10.69	-9.00
7.00	-9.73	-9.58	-8.05	-8.23	-11.44	-14.36	-17.91	-13.94	-14.37	-13.99	-8.21	-5.48	-11.54	-24.48	-22.31	-24.80	-30.67	-11.83	-9.83
8.00	-7.02	-7.72	-10.60	-11.69	-14.50	-15.13	-21.44	-18.02	-12.72	-19.67	-14.80	-9.43	-16.27	-23.88	-29.26	-32.02	-29.99	-18.31	-12.74
9.00	-4.78	-5.15	-6.77	-9.19	-12.68	-17.09	-16.92	-19.69	-16.26	-18.30	-25.24	-17.27	-20.00	-26.27	-26.04	-23.48	-32.17	-21.27	-14.36
10.00	-9.93	-10.67	-10.32	-10.95	-14.29	-16.83	-21.00	-20.63	-21.29	-25.37	-21.20	-22.86	-21.35	-26.71	-28.79	-21.38	-28.60	-20.86	-11.29
20.00	-11.94	-15.46	-20.56	-26.42	-24.64	-21.74	-17.29	-24.19	-13.95	-26.26	-26.94	-22.85	-26.81	-35.22	-35.43	-33.81	-32.98	-33.12	-17.48
30.00	-17.61	-19.27	-22.57	-26.63	-22.91	-26.61	-22.80	-26.28	-19.13	-21.49	-23.51	-27.05	-24.97	-29.64	-43.14	-31.09	-37.23	-41.33	-23.20
40.00	-17.22	-19.17	-25.41	-22.25	-21.65	-20.62	-22.19	-21.79	-25.32	-18.90	-21.68	-25.81	-26.98	-26.95	-31.45	-36.73	-38.10	-34.60	-16.86
50.00	-13.83	-28.78	-24.14	-21.62	-23.16	-22.67	-27.26	-21.88	-31.70	-25.92	-31.68	-23.58	-29.09	-38.58	-32.61	-43.66	-38.06	-48.05	-19.81
60.00	-24.74	-21.53	-28.21	-22.30	-28.44	-30.15	-34.10	-26.39	-22.28	-35.13	-30.49	-26.62	-27.40	-38.46	-44.43	-36.75	-47.21	-40.45	-17.56
70.00	-20.99	-18.43	-20.34	-24.52	-27.58	-28.70	-32.42	-33.58	-29.39	-22.75	-29.13	-25.26	-41.66	-30.93	-37.86	-49.35	-41.23	-38.06	-16.80
80.00	-18.17	-28.40	-24.97	-28.24	-25.68	-28.76	-28.78	-36.64	-34.47	-32.68	-33.67	-27.22	-48.20	-40.96	-41.87	-33.60	-44.27	-40.57	-15.83
90.00	-22.34	-26.88	-33.24	-35.76	-33.22	-38.00	-31.22	-45.06	-38.01	-37.43	-35.20	-31.68	-42.28	-42.59	-44.68	-33.26	-46.68	-46.86	-20.70

RHCP, Cross-Pol, Elevation

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90.00	-18.69	-49.92	-39.87	-19.78	-24.35	-32.72	-24.47	-24.05	-29.64	-24.53	-26.06	-36.10	-27.19	-28.50	-25.37	-28.14	-25.16	-26.88	-13.36
-80.00	-13.60	-40.29	-36.91	-18.36	-26.61	-27.71	-19.02	-28.35	-20.22	-26.35	-27.01	-26.38	-27.99	-26.70	-17.49	-34.91	-22.83	-19.39	-3.93
-70.00	-11.18	-35.73	-31.92	-20.15	-26.71	-17.90	-24.05	-14.60	-20.03	-14.76	-21.28	-21.25	-27.89	-18.79	-27.76	-23.26	-18.89	-19.50	-14.18
-60.00	-13.24	-37.74	-39.04	-21.56	-22.00	-21.98	-30.75	-19.79	-22.08	-20.49	-25.79	-27.29	-23.23	-19.19	-21.40	-26.79	-28.78	-22.45	-19.40
-50.00	-17.15	-40.71	-28.84	-20.06	-17.10	-21.03	-26.24	-17.52	-21.70	-19.52	-23.86	-22.77	-20.20	-20.90	-25.38	-19.40	-26.51	-19.87	-18.40
-40.00	-14.20	-38.95	-33.86	-19.91	-18.18	-14.22	-17.01	-21.66	-21.46	-24.96	-24.29	-17.55	-25.70	-25.86	-15.20	-17.20	-21.93	-15.31	-14.60
-30.00	-16.84	-41.99	-43.60	-16.03	-23.94	-22.54	-13.48	-22.98	-15.85	-16.71	-22.78	-23.40	-24.40	-25.29	-16.96	-23.36	-17.19	-20.98	-15.75
-20.00	-14.13	-29.78	-24.47	-18.00	-16.74	-20.20	-24.80	-17.70	-13.55	-15.38	-11.36	-20.07	-18.13	-20.36	-18.90	-17.07	-21.39	-21.49	-13.93
-10.00	-7.65	-13.31	-20.50	-9.06	-4.86	-10.01	-11.56	-7.06	-11.30	-17.98	-19.34	-15.60	-13.56	-12.92	-15.47	-17.94	-8.18	-3.38	-2.09
-9.00	-12.00	-16.99	-23.87	-11.51	-6.07	-12.54	-14.95	-11.27	-4.71	-6.00	-20.37	-22.64	-16.07	-15.87	-26.38	-13.47	-10.76	-10.26	-10.44
-8.00	-9.93	-10.82	-25.35	-14.12	-13.05	-10.92	-13.58	-8.93	-2.47	-1.14	-2.55	-11.37	-13.64	-9.93	-9.28	-9.46	-9.49	-9.56	-11.21
-7.00	-6.34	-9.28	-19.22	-4.31	-6.78	-3.83	-4.50	-7.61	-7.12	-2.85	-0.27	-5.04	-9.30	-8.90	-8.01	-4.88	-3.69	-2.53	-1.97
-6.00	-6.20	-7.01	-11.18	-3.21	0.35	-2.13	-0.27	-1.15	-10.53	-11.72	-7.63	-10.22	-10.95	-6.56	-4.37	-2.67	-1.14	-0.39	0.08
-5.00	-7.81	-7.04	-5.57	-12.28	-0.47	-3.10	-5.11	2.78	1.19	-1.66	-5.01	-4.25	-3.37	-2.66	-3.50	-3.27	-3.02	-2.80	-3.31
-4.00	-10.04	-7.59	-2.61	-0.99	-3.20	-4.64	-4.39	-1.48	0.63	4.69	6.55	5.57	4.31	3.11	1.24	1.44	2.01	2.57	2.84
-3.00	-12.17	-11.94	-3.71	5.77	7.66	0.51	-4.61	-2.52	4.31	7.75	8.23	8.47	8.62	9.62	9.18	8.67	8.56	8.40	7.98
-2.00	-7.29	-6.08	0.24	9.00	10.91	8.50	7.55	10.80	9.22	7.39	4.84	2.43	3.25	5.77	6.80	7.30	7.33	7.53	7.05
-1.00	-3.92	-1.94	5.39	14.61	17.00	15.97	15.04	16.99	17.37	15.46	13.37	10.91	10.16	7.92	4.96	5.32	4.56	2.91	2.61
0.00	-3.14	-1.09	6.72	16.61	19.51	19.07	18.83	21.68	22.73	21.81	20.43	18.40	17.17	17.36	16.50	15.97	15.60	15.37	14.98
1.00	-4.24	-2.33	5.26	14.85	17.21	16.17	15.18	17.45	17.57	15.76	13.63	11.21	10.85	11.12	10.71	9.73	9.82	10.78	4.87
2.00	-8.37	-6.38	0.58	9.12	9.69	6.50	5.05	9.89	11.35	8.96	8.29	6.11	6.80	8.89	9.10	8.52	8.66	8.57	8.15
3.00	-15.55	-12.15	-7.66	-1.20	0.93	5.02	0.73	7.63	10.57	6.15	7.34	7.75	6.00	3.87	0.16	-2.13	-2.92	-2.32	-1.43
4.00	-7.25	-8.31	-6.22	-4.77	-1.99	4.59	3.57	3.12	5.28	1.83	-4.93	-2.87	1.65	5.35	5.65	4.89	4.11	3.24	2.40
5.00	-6.53	-7.36	-9.11	-7.27	-1.31	3.37	0.79	-2.81	-9.75	-9.77	-3.01	-1.50	-3.89	-6.24	-4.05	-2.18	-1.51	-0.64	-0.36
6.00	-6.00	-7.62	-12.56	-3.58	2.36	0.59	-4.67	-1.41	-1.20	-1.98	-1.49	-3.77	-7.80	-5.76	-5.48	-5.82	-7.09	-7.78	-7.52
7.00	-6.83	-8.76	-20.77	-6.67	-3.77	-9.98	-2.89	0.06	-0.27	-6.23	-7.74	-9.20	-14.91	-11.36	-8.44	-5.23	-4.98	-6.41	-6.67
8.00	-9.74	-15.24	-20.09	-13.89	-10.73	-9.39	-7.62	-3.90	-6.86	-11.91	-6.08	-13.28	-18.44	-12.13	-11.50	-8.69	-7.54	-4.55	-3.96
9.00	-11.36	-18.20	-22.28	-5.34	-7.50	-11.77	-11.35	-11.73	-17.30	-10.53	-9.63	-14.96	-13.92	-14.09	-9.68	-6.19	-3.71	-1.98	-1.72
10.00	-8.29	-17.79	-18.70	-3.25	-10.26	-12.22	-12.71	-17.33	-13.26	-17.60	-14.66	-15.90	-18.00	-13.83	-11.29	-7.95	-7.26	-7.50	-6.87
20.00	-14.48	-30.05	-23.08	-15.68	-16.90	-20.72	-18.17	-17.32	-19.00	-18.50	-7.32	-19.45	-14.29	-18.74	-21.64	-23.42	-17.49	-12.29	-8.88
30.00	-20.20	-38.26	-27.33	-12.95	-24.61	-15.14	-16.33	-21.51	-15.57	-13.72	-12.50	-21.55	-19.80	-23.61	-19.91	-23.63	-19.51	-16.10	-14.55
40.00	-13.86	-31.53	-28.20	-18.60	-12.92	-12.45	-18.33	-20.27	-13.74	-11.14	-18.69	-17.06	-19.19	-17.62	-18.65	-19.25	-22.34	-16.00	-14.16
50.00	-16.81	-44.98	-28.16	-25.53	-14.08	-24.08	-20.45	-18.05	-23.74	-18.15	-25.07	-17.15	-24.26	-19.67	-20.16	-18.62	-21.08	-25.61	-10.77
60.00	-14.56	-37.38	-37.31	-18.62	-25.89	-23.97	-18.76	-21.08	-22.55	-27.37	-15.65	-21.65	-31.10	-27.15	-25.44	-19.30	-25.15	-18.36	-21.68
70.00	-13.80	-35.00	-31.34	-31.22	-19.33	-16.43	-33.01	-19.72	-21.19	-14.99	-22.76	-28.84	-29.42	-25.70	-24.58	-21.52	-17.28	-15.26	-17.93
80.00	-12.83	-37.50	-34.38	-15.47	-23.33	-26.46	-39.55	-21.68	-25.73	-24.92	-27.83	-31.91	-25.78	-25.76	-22.68	-25.24	-21.90	-25.23	-15.11
90.00	-17.70	-43.79	-36.79	-15.13	-26.14	-28.09	-33.63	-26.14	-27.26	-29.66	-31.38	-40.32	-28.22	-35.00	-30.22	-32.76	-30.17	-23.71	-19.28