

Datalink CH 2 Power out of Antenna Port

Hub Data Link Attenuator set to 0 dB

Data Link Frequency Channel 2	Measurement taken from Spec. Anal.	Add 33.8dB for coupler, Pad and Cable loss	Convert To Watts		
5738	-41.38	-7.58	0.000		
5739	-37.01	-3.21	0.000		
5740	-35.18	-1.38	0.001		
5741	-32.57	1.23	0.001		
5742	-31.14	2.66	0.002		
5743	-29.94	3.86	0.002		
5744	-29.9	3.9	0.002		
5745	-30.69	3.11	0.002		
5746	-31.9	1.9	0.002		
5747	-36.93	-3.13	0.000		
5748	-33.55	0.25	0.001		
5749	-30.33	3.47	0.002		
5750	-24.39	9.41	0.009		
5751	-20.72	13.08	0.020		
5752	-18.06	15.74	0.037		
5753	-16.12	17.68	0.059		
5754	-14.42	19.38	0.087		
5755	-16.73	17.07	0.051		
5756	-13.49	20.31	0.107		
5757	-12.32	21.48	0.141		
5758	-12.63	21.17	0.131		
5759	-12.53	21.27	0.134		
5760	-12.83	20.97	0.125		
5761	-13.42	20.38	0.109		
5762	-13.76	20.04	0.101		
5763	-15.46	18.34	0.068		
5764	-17.24	16.56	0.045		
5765	-20.22	13.58	0.023		
5766	-23.86	9.94	0.010		
5767	-29.3	4.5	0.003		
5768	-34.33	-0.53	0.001		
5769	-34.22	-0.42	0.001		
5770	-33.05	0.75	0.001		
5771	-30.91	2.89	0.002		
5772	-30.15	3.65	0.002		
5773	-30.35	3.45	0.002		
5774	-30.57	3.23	0.002		
5775	-32.67	1.13	0.001		
5776	-34.9	-1.1	0.001		
5777	-37.47	-3.67	0.000		
5778	-41.03	-7.23	0.000		
			0.763	Watts	Power
			28.8	dBm	Meter = 28.08 dBm

Datalink CH 2 Power out of Antenna Port

Hub Data Link Attenuator set to 10 dB

Data Link Frequency Channel 2	Measurement taken from Spec. Anal.	Add 33.8dB for coupler, Pad and Cable loss	Convert To Watts
5738	-63.15	-29.35	0.000
5739	-61.29	-27.49	0.000
5740	-59.32	-25.52	0.000
5741	-57.22	-23.42	0.000
5742	-54.35	-20.55	0.000
5743	-52.28	-18.48	0.000
5744	-50.66	-16.86	0.000
5745	-50.62	-16.82	0.000
5746	-51.48	-17.68	0.000
5747	-51.47	-17.67	0.000
5748	-40.94	-7.14	0.000
5749	-32.85	0.95	0.001
5750	-27.12	6.68	0.005
5751	-23.06	10.74	0.012
5752	-20.12	13.68	0.023
5753	-17.5	16.3	0.043
5754	-15.77	18.03	0.064
5755	-15.82	17.98	0.063
5756	-15.31	18.49	0.071
5757	-14.66	19.14	0.082
5758	-14.62	19.18	0.083
5759	-14.6	19.2	0.083
5760	-14.57	19.23	0.084
5761	-15.1	18.7	0.074
5762	-16.05	17.75	0.060
5763	-16.26	17.54	0.057
5764	-19.22	14.58	0.029
5765	-21.87	11.93	0.016
5766	-26.37	7.43	0.006
5767	-33.14	0.66	0.001
5768	-40.78	-6.98	0.000
5769	-49.01	-15.21	0.000
5770	-47.17	-13.37	0.000
5771	-45.8	-12	0.000
5772	-45.81	-12.01	0.000
5773	-46.62	-12.82	0.000
5774	-48.12	-14.32	0.000
5775	-49.76	-15.96	0.000
5776	-53.06	-19.26	0.000
5777	-55.72	-21.92	0.000
5778	-60.35	-26.55	0.000

Datalink CH 2 Power out of Antenna Port

0.492 Watts
26.9 dBm
Power Meter = 26.09 dBm

Hub Data Link Attenuator set to 15.5 dB

Data Link Frequency Channel 2	Measurement taken from Spec. Anal.	Add 33.8dB for coupler, Pad and Cable loss	Convert To Watts
5738	-70.62	-36.82	0.000
5739	-69.08	-35.28	0.000
5740	-67.38	-33.58	0.000
5741	-64.4	-30.6	0.000
5742	-61.7	-27.9	0.000
5743	-62.58	-28.78	0.000
5744	-61.49	-27.69	0.000
5745	-61.61	-27.81	0.000
5746	-61.75	-27.95	0.000
5747	-57.78	-23.98	0.000
5748	-47.69	-13.89	0.000
5749	-39.75	-5.95	0.000
5750	-31.75	2.05	0.002
5751	-28.9	4.9	0.003
5752	-25.15	8.65	0.007
5753	-23.49	10.31	0.011
5754	-22.37	11.43	0.014
5755	-20.69	13.11	0.020
5756	-20.95	12.85	0.019
5757	-20.66	13.14	0.021
5758	-20.1	13.7	0.023
5759	-19.92	13.88	0.024
5760	-20.27	13.53	0.023
5761	-20.66	13.14	0.021
5762	-22.39	11.41	0.014
5763	-23.34	10.46	0.011
5764	-24.61	9.19	0.008
5765	-27.54	6.26	0.004
5766	-30.87	2.93	0.002
5767	-38.89	-5.09	0.000
5768	-46.84	-13.04	0.000
5769	-57.33	-23.53	0.000
5770	-61.51	-27.71	0.000
5771	-60.78	-26.98	0.000
5772	-60.94	-27.14	0.000
5773	-62.9	-29.1	0.000
5774	-64.49	-30.69	0.000
5775	-66.8	-33	0.000
5776	-66.9	-33.1	0.000
5777	-69.68	-35.88	0.000
5778	-70.84	-37.04	0.000

Datalink CH 2 Power out of Antenna Port

0.131	Watts	Power
21.2	dBm	Meter = 20.20 dBm

Datalink CH 6 Power out of Antenna Port

Remote Data Link Attenuator set to 0 dB

Data Link Frequency Channel 6	Measurement taken from Spec. Anal.	Add 33.8dB for coupler, Pad and Cable loss	Convert To Watts		
5819	-39.15	-5.35	0.000		
5820	-36.84	-3.04	0.000		
5821	-33.71	0.09	0.001		
5822	-32.35	1.45	0.001		
5823	-30.41	3.39	0.002		
5824	-30.99	2.81	0.002		
5825	-29.76	4.04	0.003		
5826	-31.61	2.19	0.002		
5827	-32.42	1.38	0.001		
5828	-33.18	0.62	0.001		
5829	-34.24	-0.44	0.001		
5830	-30.82	2.98	0.002		
5831	-24.71	9.09	0.008		
5832	-21.01	12.79	0.019		
5833	-17.97	15.83	0.038		
5834	-16.69	17.11	0.051		
5835	-15.28	18.52	0.071		
5836	-14.81	18.99	0.079		
5837	-13.72	20.08	0.102		
5838	-13.37	20.43	0.110		
5839	-14.66	19.14	0.082		
5840	-14.24	19.56	0.090		
5841	-14.51	19.29	0.085		
5842	-14.88	18.92	0.078		
5843	-15.77	18.03	0.064		
5844	-16.99	16.81	0.048		
5845	-18.56	15.24	0.033		
5846	-21.39	12.41	0.017		
5847	-25.19	8.61	0.007		
5848	-30.35	3.45	0.002		
5849	-34.15	-0.35	0.001		
5850	-34.33	-0.53	0.001		
5851	-32.21	1.59	0.001		
5852	-30.68	3.12	0.002		
5853	-30.41	3.39	0.002		
5854	-31.25	2.55	0.002		
5855	-30.31	3.49	0.002		
5856	-33.54	0.26	0.001		
5857	-37.14	-3.34	0.000		
5858	-41.52	-7.72	0.000		
5859	-46.69	-12.89	0.000		
			0.520	Watts	Power
			27.2	dBm	Meter = 26.93 dBm

Datalink CH 6 Power out of Antenna Port

Remote Data Link Attenuator set to 10 dB

Data Link Frequency Channel 6	Measurement taken from Spec. Anal.	Add 33.8dB for coupler, Pad and Cable loss	Convert To Watts
5819	-40.79	-6.99	0.000
5820	-37.58	-3.78	0.000
5821	-34.26	-0.46	0.001
5822	-32.77	1.03	0.001
5823	-31.33	2.47	0.002
5824	-30.49	3.31	0.002
5825	-30.43	3.37	0.002
5826	-31.58	2.22	0.002
5827	-32.13	1.67	0.001
5828	-34.07	-0.27	0.001
5829	-34.21	-0.41	0.001
5830	-31.76	2.04	0.002
5831	-24.81	8.99	0.008
5832	-21.79	12.01	0.016
5833	-18.41	15.39	0.035
5834	-16.62	17.18	0.052
5835	-15.39	18.41	0.069
5836	-12.93	20.87	0.122
5837	-13.56	20.24	0.106
5838	-13.97	19.83	0.096
5839	-14.06	19.74	0.094
5840	-13.53	20.27	0.106
5841	-14.54	19.26	0.084
5842	-14.66	19.14	0.082
5843	-15.98	17.82	0.061
5844	-15.98	17.82	0.061
5845	-18.49	15.31	0.034
5846	-21.03	12.77	0.019
5847	-24.39	9.41	0.009
5848	-29.89	3.91	0.002
5849	-35.01	-1.21	0.001
5850	-35.04	-1.24	0.001
5851	-32.53	1.27	0.001
5852	-32.21	1.59	0.001
5853	-31.75	2.05	0.002
5854	-31.35	2.45	0.002
5855	-32.58	1.22	0.001
5856	-34.69	-0.89	0.001
5857	-38.42	-4.62	0.000
5858	-43.82	-10.02	0.000
5859	-50.28	-16.48	0.000

Datalink CH 6 Power out of Antenna Port

0.562 Watts
27.5 dBm
Power Meter = 26.93 dBm

Remote Data Link Attenuator set to 15.5 dB

Data Link Frequency Channel 6	Measurement taken from Spec. Anal.	Add 33.8dB for coupler, Pad and Cable loss	Convert To Watts
5819	-46.29	-12.49	0.000
5820	-40.24	-6.44	0.000
5821	-37.59	-3.79	0.000
5822	-34.46	-0.66	0.001
5823	-32.63	1.17	0.001
5824	-31.21	2.59	0.002
5825	-31.09	2.71	0.002
5826	-31.75	2.05	0.002
5827	-32.72	1.08	0.001
5828	-34.42	-0.62	0.001
5829	-34.87	-1.07	0.001
5830	-31.87	1.93	0.002
5831	-25.22	8.58	0.007
5832	-22.12	11.68	0.015
5833	-18.29	15.51	0.036
5834	-15.85	17.95	0.062
5835	-14.94	18.86	0.077
5836	-13.34	20.46	0.111
5837	-13.71	20.09	0.102
5838	-12.74	21.06	0.128
5839	-13.07	20.73	0.118
5840	-13.16	20.64	0.116
5841	-14.14	19.66	0.092
5842	-14.51	19.29	0.085
5843	-15.64	18.16	0.065
5844	-16.74	17.06	0.051
5845	-18.08	15.72	0.037
5846	-20.29	13.51	0.022
5847	-24.25	9.55	0.009
5848	-29.28	4.52	0.003
5849	-35.28	-1.48	0.001
5850	-36.46	-2.66	0.001
5851	-34.01	-0.21	0.001
5852	-33.51	0.29	0.001
5853	-33.21	0.59	0.001
5854	-33.81	-0.01	0.001
5855	-34.61	-0.81	0.001
5856	-37.36	-3.56	0.000
5857	-42.13	-8.33	0.000
5858	-46.39	-12.59	0.000
5859	-53.69	-19.89	0.000

Datalink CH 6 Power out of Antenna Port

0.606	Watts	Power
27.8	dBm	Meter = 27.31dBm