



360 Herndon Parkway
Suite 1400
Herndon, VA 20170
<http://www.rheintech.com>

DIPOLE 2.4GHZ RADIO ON CHANNEL 6

DIPOLE 5. GHZ RADIO ON CHANNEL 52

EMISSION FREQUENCY (MHZ)	TEST DETECTOR	ANTENNA POLARITY (H/V)	TURNTABLE AZIMUTH (DEG)	ANTENNA HEIGHT (M)	ANALYZER READING (DBUV)	SITE CORRECTION FACTOR	EMISSION LEVEL (DBUV/M)	LIMIT (DBUV/M)
4510.06	AV	V	20	1.3	32.1	13.3	45.4	54.0
4510.28	PK	V	20	1.3	39.3	13.3	52.6	
4254.90	AV	V	40	1.3	34.8	13.9	48.7	54.0
4254.90	PK	V	40	1.3	46.2	13.9	60.1	
4874.00	AV	V	30	1.3	32.7	13.3	46.0	54.0
4873.91	PK	V	30	1.3	42.1	13.3	55.4	
7311.14	AV	V	40	1.2	34.3	11.8	46.1	54.0
7311.44	PK	V	40	1.3	46.7	11.8	58.5	
10528.2	AV	V	20	1.2	33.6	16.9	50.5	54.0
10528.11	PK	V	20	1.2	43.6	16.9	60.5	



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PATCH 5 GHZ RADIO ON CHANNEL 52

EMISSION FREQUENCY (MHZ)	TEST DETECTOR	ANTENNA POLARITY (H/V)	TURNTABLE AZIMUTH (DEG)	ANTENNA HEIGHT (M)	ANALYZER READING (DBUV)	SITE CORRECTION FACTOR	EMISSION LEVEL (DBUV/M)	LIMIT (DBUV/M)
4510.06	AV	V	40	1.3	38.7	13.3	52.0	54.0
4510.28	PK	V	40	1.3	44.5	13.3	57.8	
4254.90	AV	V	20	1.3	34.8	13.9	48.7	54.0
4254.90	PK	V	20	1.3	46.2	13.9	60.1	
4874.00	AV	V	50	1.3	32.7	13.3	46.0	54.0
4873.91	PK	V	50	1.3	42.1	13.3	55.4	
7311.14	AV	V	20	1.2	34.3	11.8	46.1	54.0
7311.44	PK	V	20	1.3	46.7	11.8	58.5	
10528.20	AV	V	30	1.2	32.7	16.9	49.6	54.0
10528.11	PK	V	30	1.2	43.2	16.9	60.1	



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DIPOLE 2.4GHZ RADIO OFF CHANNEL 6

DIPOLE 5 GHZ RADIO ON CHANNEL 52

EMISSION FREQUENCY (MHZ)	TEST DETECTOR	ANTENNA POLARITY (H/V)	TURNTABLE AZIMUTH (DEG)	ANTENNA HEIGHT (M)	ANALYZER READING (DBUV)	SITE CORRECTION FACTOR	EMISSION LEVEL (DBUV/M)	LIMIT (DBUV/M)
4510.06	AV	V	40	1.3	32	13.3	45.3	54.0
4510.28	PK	V	40	1.3	39.5	13.3	52.8	
10528.2	AV	V	90	1.2	33.5	16.9	50.4	54.0
10528.11	PK	V	90	1.2	43.8	16.9	60.7	

DIPOLE 2.4GHZ RADIO OFF CHANNEL 6

PATCH 5 GHZ RADIO ON CHANNEL 52

EMISSION FREQUENCY (MHZ)	TEST DETECTOR	ANTENNA POLARITY (H/V)	TURNTABLE AZIMUTH (DEG)	ANTENNA HEIGHT (M)	ANALYZER READING (DBUV)	SITE CORRECTION FACTOR	EMISSION LEVEL (DBUV/M)	LIMIT (DBUV/M)
4510.06	AV	V	60	1.3	38.5	13.3	51.8	54.0
4510.28	PK	V	60	1.3	43.9	13.3	57.2	
10528.2	AV	V	100	1.2	32.9	16.9	49.8	54.0
10528.11	PK	V	100	1.2	43.1	16.9	60.0	



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DIGITAL AND RECEIVER NOISE

TEMPERATURE: 85°F					HUMIDITY: 45%				
EMISSION FREQUENCY (MHZ)	TEST DETECTOR	ANTENNA POLARITY (H/V)	TURNTABLE AZIMUTH (DEG)	ANTENNA HEIGHT (M)	ANALYZER READING (DBUV)	SITE CORRECTION FACTOR (DB/M)	EMISSION LEVEL (DBUV/M)	LIMIT (DBUV/M)	MARGIN (DB)
35.270	QP	V	145	2.3	62.3	-30.0	32.3	40.0	-7.7
41.999	QP	V	0	2.3	61.8	-29.8	32.0	40.0	-8.0
49.469	QP	V	180	2.4	64.3	-29.5	34.8	40.0	-5.2
63.531	QP	V	0	1.0	61.7	-29.0	32.7	40.0	-7.3
82.914	QP	V	145	1.0	50.0	-11.2	38.8	40.0	-1.2
83.333	QP	V	445	1.0	49.0	-11.2	37.8	40.0	-2.2
83.981	QP	V	145	1.0	51.2	-28.2	23.0	40.0	-17.0
112.626	QP	V	225	1.0	45.2	-11.0	34.2	43.5	-9.3
119.557	QP	V	145	1.0	50.0	-10.9	39.1	43.5	-4.4
133.120	QP	V	145	1.0	47.3	-10.8	36.5	43.5	-7.0
146.800	QP	V	0	1.0	42.7	-10.7	32.0	43.5	-11.5
163.187	QP	V	145	1.0	51.7	-10.6	41.1	43.5	-2.4
196.225	QP	V	45	1.0	45.3	-10.4	34.9	43.5	-8.6
200.000	QP	V	145	1.0	43.7	-10.3	33.4	43.5	-10.1
250.000	QP	V	225	1.0	45.0	-10.0	35.0	46.0	-11.0
266.661	QP	V	145	1.0	46.3	-9.8	36.5	46.0	-9.5
294.987	QP	V	150	1.0	47.5	-9.6	37.9	46.0	-8.1
595.568	QP	V	180	1.0	48.7	-7.4	41.3	46.0	-4.7