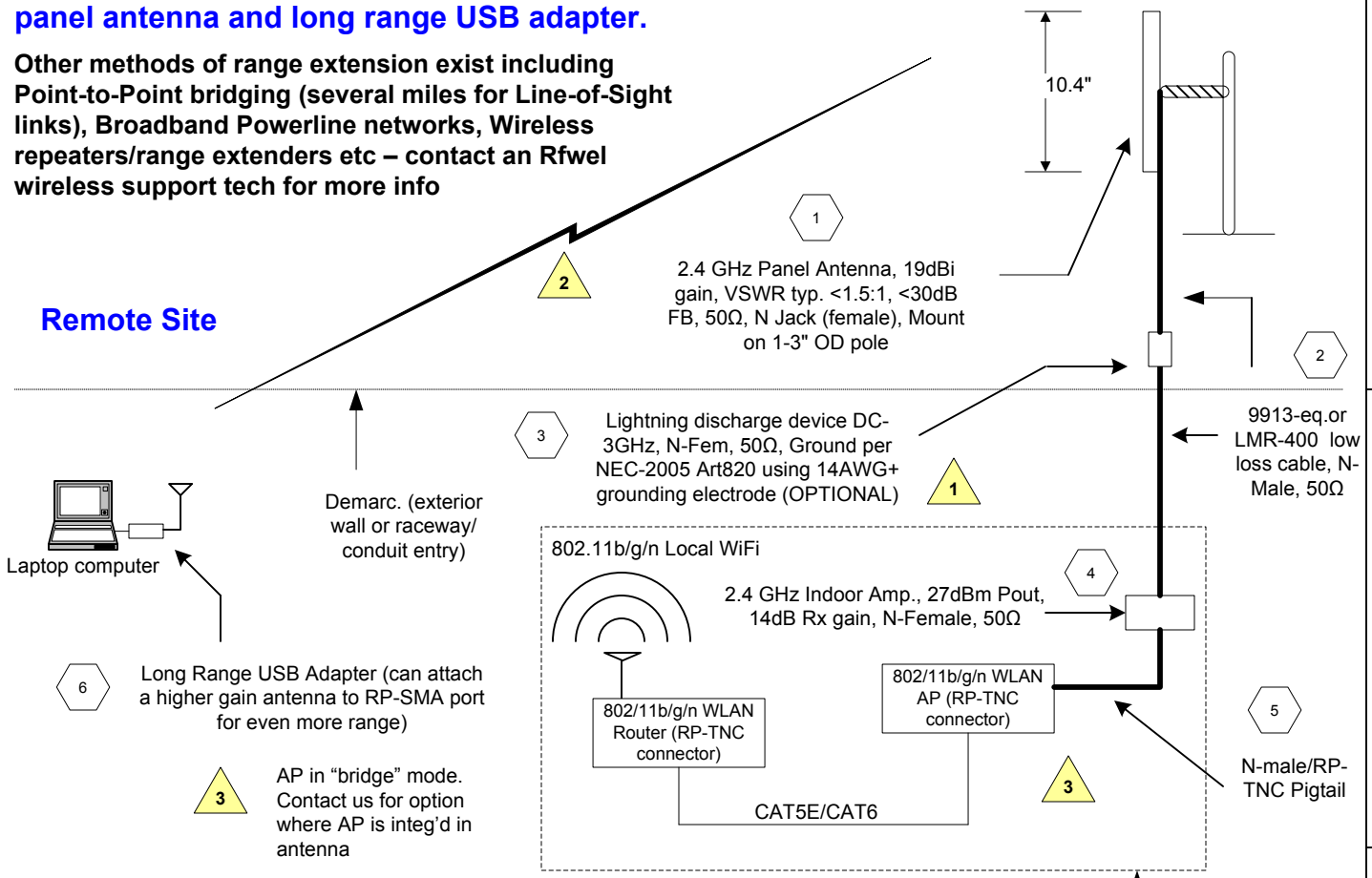


Extending Range of local WiFi using a high gain directional panel antenna and long range USB adapter.

Other methods of range extension exist including Point-to-Point bridging (several miles for Line-of-Sight links), Broadband Powerline networks, Wireless repeaters/range extenders etc – contact an Rfwel wireless support tech for more info

Local Site

Remote Site



BOM

ITEM	QTY.	PART NO.	DESCRIPTION
1	1	ARCPA2419B01	2.4GHz Panel Antenna, 19dBi, N-Female Jack
2	2	CL951120	10' 9913-eq. Low loss coaxial cable, N-male, Att<0.1dB
3	1	CL859902	Lightning surge protector DC-3GHz, IL<0.2dB
4	1	TSWL416346	2.4GHz Indoor Amp., 500mW w/ AGC
5	1	CA-RPTNMA002	RP-TNC/N-Male Pigtail
6	1	RLWLWAVMAG	High Power USB Adapter, 500mW, RP-SMA

- 1** 2.4 GHz amp. Contains integ'd lightning surge protection. May eliminate (3) in installations that contain this amplifier.
- 2** Range depends on number/type of obstructions. Several hundreds of feet possible. Contact us for ultra long range bridging (several miles)

<p>1616 S. Stapley Dr. Ste 103, Mesa, AZ, 85204, U.S.A www.rfwel.com 480.218.1877</p>	Generic WWAN, 2.4GHz RF-BDA Conn		
	WLAN Range Extension using high gain panel antenna		
DRAWN BY: RT (Engr) APPROVED BY:	SIZE	FSCM NO	DWG NO BW-00000000
FREQ(s): 2.4GHz ISM	SCALE NO SCALE	FRN: 0018086041	REV 1A
		SHEET	1 OF 1