



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

PHAM RADIO COMMUNICATION LLC
C/O WILKINSON BARKER KNAUER, LLP, ATTN
2300 N STREET, NW, SUITE 700
WASHINGTON DC 20037

Ann Gallagher
Senior Engineer
Audio Division
Media Bureau

Facility Id: 28438

Call Sign: KVVN

License File Number: BMML-20110620AIE

Grant Date: September 21, 2011

This license expires 3:00 a.m.
local time, December 01, 2013.

This license modifies license no.: BL-19980616AB

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:
Local Standard Time (Non-Advanced)

Jan.	7:15 AM	5:15 PM	Jul.	5:00 AM	7:30 PM
Feb.	7:00 AM	5:45 PM	Aug.	5:15 AM	7:00 PM
Mar.	6:15 AM	6:15 PM	Sep.	5:45 AM	6:15 PM
Apr.	5:30 AM	6:45 PM	Oct.	6:15 AM	5:30 PM
May	5:00 AM	7:15 PM	Nov.	6:45 AM	5:00 PM
Jun.	4:45 AM	7:30 PM	Dec.	7:15 AM	4:45 PM

Callsign: KVVN

License No.: BMML-20110620AIE

Name of Licensee: PHAM RADIO COMMUNICATION LLC

Station Location: SANTA CLARA, CA

Frequency (kHz): 1430

Station Class: B

Antenna Coordinates:

Day

Latitude: N 37 Deg 19 Min 47 Sec

Longitude: W 121 Deg 51 Min 58 Sec

Night

Latitude: N 37 Deg 19 Min 47 Sec

Longitude: W 121 Deg 51 Min 58 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 1.0 Night: 2.5

Antenna Input Power (kW): Day: 1.1 Night: 2.7

Antenna Mode: Day: DA Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 4.65 Night: 7.35

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1053920	
2	1053923	
3	1053922	
4	1053921	

Night:

Tower No.	ASRN	Overall Height (m)
1	1053920	
2	1053923	
3	1053922	
4	1053921	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 339.9 Night: 548.9
 Standard RMS (mV/m/km): Night: 576.77
 Augmented RMS (mV/m/km): Day: 357.2
 Q Factor: Day: 10.472 Night: 21.126

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	102.1
2	4.3300	123.300	90.0000	40.000	0	102.1
3	7.0000	246.900	180.0000	40.000	0	102.1
4	4.2100	10.200	270.0000	40.000	0	102.1

* Tower Reference Switch

0 = Spacing and orientation from reference tower
 1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	89.0	20.0	68.00

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	102.1
2	3.5500	139.800	90.0000	40.000	0	102.1
3	4.9500	277.000	180.0000	40.000	0	102.1
4	2.7100	56.800	270.0000	40.000	0	102.1

* Tower Reference Switch

0 = Spacing and orientation from reference tower
 1 = Spacing and orientation from previous tower

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	35.5	0.058
2	-124.2	0.552
3	0	1
4	120.7	0.624

Night Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
1 45.7	0.143
2 -139.1	0.674
3 0	1
4 137.9	0.561

Antenna Monitor: POTOMAC INSTRUMENTS, MODEL AM-19(204)

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 1 The licensee shall perform the measurements described in Section 73.155 at least once within each 24-month period.

- 2 The ground system consists of 120 equally spaced, buried copper radials about the base of each tower, each 52.4 meters in length except where terminated by property boundaries or where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers.

*** END OF AUTHORIZATION ***