

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WL2XQD

(Call Sign)

0232-EX-CN-2021

(File Number)

NAME Keysight Technologies

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 and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(j) of the Commission's Rules

Station Locations

- (1) Santa Clara (SANTA CLARA), CA - NL 37-19-31; WL 121-59-55
- (2) Everett (SNOHOMISH), WA - NL 47-55-52; WL 122-15-23
- (3) Santa Rosa (SONOMA), CA - NL 38-28-59; WL 122-42-38

Frequency Information

Santa Clara (SANTA CLARA), CA - NL 37-19-31; WL 121-59-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
93-99 GHz	FX	6G00D1D	1 W (ERP)	
103-108 GHz	FX	5G00D1D	1 W (ERP)	
112-114 GHz	FX	2G00D1D	1 W (ERP)	
117-147 GHz	FX	10G0D1D	1 W (ERP)	

This authorization effective June 03, 2021 and
will expire 3:00 A.M. EST June 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Santa Clara (SANTA CLARA), CA - NL 37-19-31; WL 121-59-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
153-163 GHz	FX	10G0D1D	1 W (ERP)	
168-181 GHz	FX	10G0D1D	1 W (ERP)	
186-189 GHz	FX	3G00D1D	1 W (ERP)	
193-199 GHz	FX	6G00D1D	1 W (ERP)	
210-225 GHz	FX	10G0D1D	1 W (ERP)	
244-246 GHz	FX	2G00D1D	1 W (ERP)	

Everett (SNOHOMISH), WA - NL 47-55-52; WL 122-15-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
93-99 GHz	FX	6G00D1D	1 W (ERP)	
103-108 GHz	FX	5G00D1D	1 W (ERP)	
112-114 GHz	FX	2G00D1D	1 W (ERP)	

Frequency Information

Everett (SNOHOMISH), WA - NL 47-55-52; WL 122-15-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
117-147 GHz	FX	10G0D1D	1 W (ERP)	
153-163 GHz	FX	10G0D1D	1 W (ERP)	
168-181 GHz	FX	10G0D1D	1 W (ERP)	
185-190 GHz	FX	3G00D1D	1 W (ERP)	
193-199 GHz	FX	6G00D1D	1 W (ERP)	
210-225 GHz	FX	10G0D1D	1 W (ERP)	
244-246 GHz	FX	2G00D1D	1 W (ERP)	

Santa Rosa (SONOMA), CA - NL 38-28-59; WL 122-42-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
93-99 GHz	FX	6G00D1D	1 W (ERP)	
103-108 GHz	FX	5G00D1D	1 W (ERP)	

Frequency Information

Santa Rosa (SONOMA), CA - NL 38-28-59; WL 122-42-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
112-114 GHz	FX	2G00D1D	1 W (ERP)	
117-147 GHz	FX	10G0D1D	1 W (ERP)	
153-163 GHz	FX	10G0D1D	1 W (ERP)	
168-182 GHz	FX	10G0D1D	1 W (ERP)	
185-190 GHz	FX	3G00D1D	1 W (ERP)	
193-199 GHz	FX	6G00D1D	1 W (ERP)	
210-225 GHz	FX	10G0D1D	1 W (ERP)	
244-246 GHz	FX	2G00D1D	1 W (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.