



FRN	Radio Service	POINT A											POINT B										
		Call Sign	Site Name	EXP DATE	Longitude	Latitude	Site Elev. (m)	Ant Elev (m)	TX Freq	Emission	Traffic (Mbps)	Modulation	Call Sign	Site Name	Longitude	Latitude	Site Elev. (m)	Ant Elev (m)	TX Freq	Emission	Traffic (Mbps)	Modulation	
1540038	MW	WBH353	MT BARNABE	5/31/2021	38-01-36.2	122-42-59.0	445.3	5.8	11415.000	10M0D7W	47	64 QAM	WBM345	MT TAM	37-55-44.0	122-35-15.0	768.1	4.6	10925.000	10M0D7W	47	64 QAM	
1540038	MW	WBH353	MT BARNABE	5/31/2021	38-01-36.2	122-42-59.0	445.3	6.1	6795.625	3M73D7W	138	32 QAM	WBH353	PASSIVE	38-00-23.7	122-37-38.9	268.2	4.6	6795.625	3M73D7W	138	32 QAM	
1540038	MW	WBH353	MT BARNABE	5/31/2021	38-01-36.2	122-42-59.0	445.3	6.1	6635.625	3M75D7W	14	32 QAM	WNTPT295	WOODACRE	38-00-24.7	122-38-05.9	131.1	7.9	6795.625	3M75D7W	14	32 QAM	
1540038	MW	WBH353	MT BARNABE	5/31/2021	38-01-36.2	122-42-59.0	445.3	6.1	11693.125	3M75D7W	14	32 QAM	WPIF432	PT REYES HILL	38-04-48.1	122-52-02.0	402.0	4.3	11193.125	3M75D7W	14	32 QAM	
1540038	MW	WBH353	MT BARNABE	5/31/2021	38-01-36.2	122-42-59.0	445.3	4.0	11435.000	10M0D7W	47	64 QAM	WEH629	BIG ROCK	38-03-33.1	122-36-15.4	575.5	4.6	10945.000	10M0D7W	47	64 QAM	
1540038	MW	WBM345	MT TAM	5/31/2021	37-55-44.0	122-35-15.0	768.1	4.6	11198.125	3M75D7W	14	32 QAM	WBM349	FORBES HILL	37-58-44.8	122-32-48.6	78.3	3.6	11698.125	3M75D7W	14	32 QAM	
1540038	MW	WBM345	MT TAM	5/31/2021	37-55-44.0	122-35-15.0	768.1	4.6	10925.000	10M0D7W	47	64 QAM	WBH353	MT BARNABE	38-01-36.2	122-42-59.0	445.3	5.8	11415.000	10M0D7W	47	64 QAM	
1540038	MW	WBM345	MT TAM	5/31/2021	37-55-44.0	122-35-15.0	768.1	4.6	11173.125	3M75D7W	14	32 QAM	WPNM336	MILL VALLEY	37-53-47.4	122-31-20.1	5.8	7.6	11663.125	3M75D7W	14	32 QAM	
1540038	MW	WBM345	MT TAM	5/31/2021	37-55-44.0	122-35-15.0	768.1	4.6	11055.000	40M0D7W	180	64 QAM	WBM348	CIVIC CENTER	37-59-56.6	122-31-52.7	21.3	15.2	11545.000	40M0D7W	180	64 QAM	
1540038	MW	WBM345	MT TAM	5/31/2021	37-55-44.0	122-35-15.0	768.1	4.6	6286.190	30M0D7W	180	128 QAM	NA	TWIN PEAKS	37-45-15.0	122-26-47.0	259.1	5.8	NA	30M0D7W	180	128 QAM	
1540038	MW	WBM345	MT TAM	5/31/2021	37-55-44.0	122-35-15.0	768.1	4.6	6404.790	30M0D7W	180	128 QAM	NA	TWIN PEAKS	37-45-15.0	122-26-47.0	259.1	5.8	NA	30M0D7W	180	128 QAM	
1540038	MW	WBM345	MT TAM	5/31/2021	37-55-44.0	122-35-15.0	768.1	4.6	10653.125	3M75D7W	14	32 QAM	WQHP628	STEWART PT.	37-55-49.7	122-43-12.7	222.8	7.6	10588.125	3M75D7W	14	32 QAM	
1540038	MW	WBM345	MT TAM	5/31/2021	37-55-44.0	122-35-15.0	768.1	4.6	10815.000	40M0D7W	180	64 QAM	WBM348	CIVIC CENTER	37-59-56.6	122-31-52.7	21.3	15.2	11305.000	40M0D7W	180	64 QAM	
1540038	MW	WBM345	MT TAM	5/31/2021	37-55-44.0	122-35-15.0	768.1	4.6	10855.000	30M0D7W	157	128 QAM	WQSD286	EOF	38-01-11.8	122-32-28.4	5.8	25.0	11345.000	30M0D7W	157	128 QAM	
1540038	MW	WBM345	MT TAM	5/31/2021	37-55-44.0	122-35-15.0	768.1	4.6	11015.000	30M0D7W	189	256 QAM	WQSD286	EOF	38-01-11.8	122-32-28.4	5.8	25.0	11505.000	30M0D7W	189	256 QAM	
1540038	MW	WBM345	MT TAM	5/31/2021	37-55-44.0	122-35-15.0	768.1	4.6	11095.000	30M0D7W	189	256 QAM	WQSD286	EOF	38-01-11.8	122-32-28.4	5.8	25.0	11585.000	30M0D7W	189	256 QAM	
1540038	MW	WBM345	MT TAM	5/31/2021	37-55-44.0	122-35-15.0	768.1	4.6	10895.000	30M0D7W	189	256 QAM	WBM348	CIVIC CENTER	37-59-56.6	122-31-52.7	21.3	15.2	11385.000	30M0D7W	189	256 QAM	
1540038	MW	WBM345	MT TAM	5/31/2021	37-55-44.0	122-35-15.0	768.1	4.6	10975.000	30M0D7W	189	256 QAM	WBM348	CIVIC CENTER	37-59-56.6	122-31-52.7	21.3	15.2	11465.000	30M0D7W	189	256 QAM	
1540038	MW	WBM345	MT TAM	5/31/2021	37-55-44.0	122-35-15.0	768.1	4.6	11135.000	30M0D7W	157	128 QAM	WBM348	CIVIC CENTER	37-59-56.6	122-31-52.7	21.3	15.2	11625.000	30M0D7W	157	128 QAM	
1540038	MW	WBM347	SAN PEDRO	12/30/2018	37-59-24.6	122-30-00.9	320.0	14.6	11698.125	3M75D7W	14	32 QAM	WPQY888	DOLLAR HILL	37-58-49.6	122-31-45.4	198.7	4.6	11198.125	3M75D7W	14	32 QAM	
1540038	MW	WBM347	SAN PEDRO	12/30/2018	37-59-24.6	122-30-00.9	320.0	7.3	10638.125	3M75D7W	14	32 QAM	WPQY891	MT TIBURON	37-53-25.4	122-27-54.2	155.4	4.3	10573.125	3M75D7W	14	32 QAM	
1540038	MW	WBM348	CIVIC CENTER	5/19/2022	37-59-56.6	122-31-52.7	21.3	13.7	11545.000	40M0D7W	180	64 QAM	WBM345	MT TAM	37-55-44.0	122-35-15.0	768.1	4.6	11055.000	40M0D7W	180	64 QAM	
1540038	MW	WBM348	CIVIC CENTER	5/19/2022	37-59-56.6	122-31-52.7	21.3	13.7	11305.000	40M0D7W	180	64 QAM	WBM345	MT TAM	37-55-44.0	122-35-15.0	768.1	4.6	10815.000	40M0D7W	180	64 QAM	
1540038	MW	WBM348	CIVIC CENTER	5/19/2022	37-59-56.6	122-31-52.7	21.3	13.7	11215.000	30M0D7W	180	128 QAM	WEH629	BIG ROCK	38-03-33.1	122-36-15.4	575.5	5.2	10715.000	30M0D7W	180	128 QAM	
1540038	MW	WBM348	CIVIC CENTER	5/19/2022	37-59-56.6	122-31-52.7	21.3	13.7	11285.000	30M0D7W	180	128 QAM	WEH629	BIG ROCK	38-03-33.1	122-36-15.4	575.5	5.2	10795.000	30M0D7W	180	128 QAM	
1540038	MW	WBM348	CIVIC CENTER	5/19/2022	37-59-56.6	122-31-52.7	21.3	13.7	11385.000	30M0D7W	189	256 QAM	WBM345	MT TAM	37-55-44.0	122-35-15.0	768.1	4.6	11055.000	30M0D7W	189	256 QAM	
1540038	MW	WBM348	CIVIC CENTER	5/19/2022	37-59-56.6	122-31-52.7	21.3	13.7	11465.000	30M0D7W	189	256 QAM	WBM345	MT TAM	37-55-44.0	122-35-15.0	768.1	4.6	10815.000	30M0D7W	189	256 QAM	
1540038	MW	WBM348	CIVIC CENTER	5/19/2022	37-59-56.6	122-31-52.7	21.3	13.7	11625.000	30M0D7W	157	128 QAM	WBM345	MT TAM	37-55-44.0	122-35-15.0	768.1	4.6	11135.000	30M0D7W	157	128 QAM	
1540038	MW	WBM349	FORBES HILL	10/11/2020	37-58-44.8	122-32-48.6	78.3	8.5	11683.125	3M75D7W	14	32 QAM	WPQY888	DOLLAR HILL	37-58-49.6	122-31-45.4	198.7	8.5	11183.125	3M75D7W	14	32 QAM	
1540038	MW	WBM349	FORBES HILL	10/11/2020	37-58-44.8	122-32-48.6	78.3	8.5	11698.125	3M75D7W	14	32 QAM	WBM345	MT TAM	37-55-44.0	122-35-15.0	768.1	4.6	11198.125	3M75D7W	14	32 QAM	
1540038	MW	WBM363	SONOMA MT	10/15/2021	38-20-54.1	122-34-41.9	751.3	8.6	6197.240	30M0D7W	180	128 QAM	WEH629	BIG ROCK	38-03-33.1	122-36-15.4	575.5	5.2	5945.200	30M0D7W	180	128 QAM	
1540038	MW	WBM363	SONOMA MT	10/15/2021	38-20-54.1	122-34-41.9	751.3	8.6	6197.240	30M0D7W	180	128 QAM	WPRV998	BAY HILL RD	38-20-30.7	123-01-12.8	224.6	3.8	5945.200	30M0D7W	180	128 QAM	
1540038	MW	WBM363	SONOMA MT	10/15/2021	38-20-54.1	122-34-41.9	751.3	8.6	6226.890	30M0D7W	180	128 QAM	WEH629	BIG ROCK	38-03-33.1	122-36-15.4	575.5	5.2	5974.850	30M0D7W	180	128 QAM	
1540038	MW	WEH629	BIG ROCK	10/11/2020	38-03-33.1	122-36-15.4	575.8	6.2	10945.000	10M0D7W	47	64 QAM	WBH353	MT BARNABE	38-01-36.2	122-42-59.0	445.3	5.2	11435.000	10M0D7W	47	64 QAM	
1540038	MW	WEH629	BIG ROCK	10/11/2020	38-03-33.1	122-36-15.4	575.8	6.2	11683.125	3M75D7W	14	32 QAM	WPQY875	MT BURDELL	38-08-41.8	122-35-38.6	457.2	19.2	11183.125	3M75D7W	14	32 QAM	
1540038	MW	WEH629	BIG ROCK	10/11/2020	38-03-33.1	122-36-15.4	575.8	6.2	11188.125	3M75D7W	14	32 QAM	WPQY891	MT TIBURON	37-53-25.4	122-27-54.2	155.4	4.3	11688.125	3M75D7W	14	32 QAM	
1540038	MW	WEH629	BIG ROCK	10/11/2020	38-03-33.1	122-36-15.4	575.8	6.2	19355.000	10M0F7W	13	4 FSK	WPUW934	NOVATO PD	38-06-24.0	122-34-06.0	6.1	3.6	17795.000	10M0F7W	13	4 FSK	
1540038	MW	WEH629	BIG ROCK	10/11/2020	38-03-33.1	122-36-15.4	575.8	6.2	10573.125	3M75D7W	14	32 QAM	NA	SAN PEDRO	37-59-24.6	122-30-00.9	320.0	14.0	NA	3M75D7W	14	32 QAM	
1540038	MW	WEH629	BIG ROCK	10/11/2020	38-03-33.1	122-36-15.4	575.8	6.2	5945.200	30M0D7W	180	128 QAM	WBM363	SONOMA MT	38-20-53.5	122-34-40.2	751.3	6.8	6197.240	30M0D7W	180	128 QAM	
1540038	MW	WEH629	BIG ROCK	10/11/2020	38-03-33.1	122-36-15.4	575.8	6.2	5974.850	30M0D7W	180	128 QAM	WBM363	SONOMA MT	38-20-53.5	122-34-40.2	751.3	6.8	6226.890	30M0D7W	180	128 QAM	
1540038	MW	WEH629	BIG ROCK	10/11/2020	38-03-33.1	122-36-15.4	575.8	6.2	10715.000	30M0D7W	180	128 QAM	WBM348	CIVIC CENTER	37-59-56.6	122-31-52.7	21.3	15.2	11215.000	30M0D7W	180	128 QAM	
1540038	MW	WEH629	BIG ROCK	10/11/2020	38-03-33.1	122-36-15.4	575.8	6.2	10795.000	30M0D7W	180	128 QAM	WBM348	CIVIC CENTER	37-59-56.6	122-31-52.7	21.3	15.2	11285.000	30M0D7W	180	128 QAM	
1540038	MW	WNTPT295	PASSIVE	6/30/2022	38-00-23.7	122-37-38.9	268.2	6.4	6795.625	3M73D7W	138	32 QAM	WBH353	MT BARNABE	38-01-36.2	122-42-59.0	445.3	5.4	6635.625	3M73D7W	138	32 QAM	
1540038	MW	WNTPT295	WOODACRE	6/30/2022	38-00-24.7	122-38-05.9	131.1	7.9	6795.625	3M73D7W	138	32 QAM	WBH353	PASSIVE	38-00-23.7	122-37-38.9	268.2	6.4	6635.625	3M73D7W	138	32 QAM	
1540038	MW	WPIF432	PT REYES HILL	5/31/2021	38-04-48.1	122-52-02.0	402.0	5.2	11193.125	3M75D7W	14	32 QAM	WBH353	MT BARNABE	38-01-36.2	122-42-59.0	445.3	5.2	11693.125	3M75D7W	14	32 QAM	
1540038	MW	WPNM336	MILL VALLEY	6/23/2018	37-53-47.4	122-31-20.1	5.8	6.1	11663.125	3M75D7W	14	32 QAM	WBM345	MT TAM	37-55-44.0	122-35-15.0	768.1	2.4	11173.125	3M75D7W	14	32 QAM	
1540038	MW	WPQY875	MT BURDELL	12/6/2020	38-08-41.8	122-35-38.6	457.2	19.2	11183.125	3M75D7W	14	32 QAM	WEH629	BIG ROCK	38-03-33.1</								