

INPUT	OUTPUT	CITY	ISLAND	CALL	SPONSOR	CTCSS	ACCESS	LAT	LONG	LAST	FIRST	AMSL	ERP
147.7000	147.1000	Hilo	HAWAII	WH6HQ	WH6HQ			19.70139	-155.07972	11/26/08	10/18/02	100	40
146.0400	146.6400	Lahaina	MAUI	AL4A	AL4A	136.5		20.80312	-156.53960	4/12/11	4/12/11	130	50
146.1000	146.7000	Leeward	OAHU	KH7P	KH7P			21.40420	-157.94100	3/27/12	1/23/09	432	35
144.5500	145.1500	Kaneohe	OAHU	AH7HI	Aloha DX	103.5		21.41120	-157.77340	6/2/12	6/2/12	0	25
144.6100	145.2100	Honolulu	OAHU	AH6HI	AH6HI			21.31200	-157.92100	3/5/13	5/17/99	25	25
147.9200	147.3200	Leeward	OAHU	AH6IH	AH6IH			21.33220	-157.86410	3/5/13	8/29/09	83	25
449.8250	444.8250	Honolulu	OAHU	AH6HI	AH6HI			21.31200	-157.92100	3/5/13	2/17/99	25	25
146.2600	146.8600	Ocean View	HAWAII	NH6P	KH7Y	100.0	i-7475	19.05987	-155.78347	10/7/13	10/7/13	1260	50
447.1250	442.1250	Kapolei	OAHU	KH6WOW	KH6WOW	100.0		21.34140	-158.05530	1/19/15	11/20/14	75	50
448.2000	443.2000	Honolulu	OAHU	AH6BZ	AH6BZ		DMR	21.29411	-157.79471	12/11/15	11/20/15	60	40
147.6800	147.0800	Kapaa	KAUAI	NH6JC	RACES			21.99639	-159.37556	3/17/16	5/7/07	328	50
223.1400	224.7400	Honolulu	OAHU	NH7ZD	Ohana ARC			21.31722	-157.80417	3/17/16	7/4/07		
448.4750	443.4750	Kona	HAWAII	NH6M	NH6M	100.0		19.22657	-155.88193	5/3/16	12/2/14	1620	10
449.6750	444.6750	Lihue	KAUAI	KH6CVJ	KH6CVJ	100.0		21.98880	-159.40400	5/3/16	9/30/10	600	100
147.8800	147.2800	Leeward	OAHU	KH6HC	HCOM			21.37185	-158.02711	6/24/16	1/25/06	150	30
449.7000	444.7000	Waikiki	OAHU	WH6DWF	WH6DWF	118.8	DSTAR	21.27470	-157.82130	10/19/16	10/19/16	174	30
447.4000	442.4000	Kona	HAWAII	NH6AR	NH6AR	88.5	DSTAR	19.63269	-155.58290	4/13/17	3/25/16	59	160
147.8000	147.2000	Mauna Kea	HAWAII	WH6FM	WH6FM	100.0	ALLSTAR	19.82061	-155.46809	6/6/17	6/6/17	14000	50
146.0000	146.6000	Hana	MAUI	KC7I	KC7I	110.9	ISS uplink 145.99 Mhz may experience interference	20.72600	-156.00760	7/8/17	5/19/14	1255	200
447.1500	442.1500	Puna	HAWAII	WH6ECW	WH6ECW	100.0		19.5458	-155.39530	11/19/17	3/18/13	820	30
449.9500	444.9500	Honolulu	OAHU	WH6DIG	NH7QH			21.34900	-157.91700	11/20/17	1/6/08	167	25
146.3200	146.9200	Kau	HAWAII	KH6EJ	BIARC		<a href="http://www.biarc.net/repeaters.shtml#analog">http://www.biarc.net/repeaters.shtml#analog</a>	19.58556	-155.45528	11/22/17	3/17/01	1000	10
144.8700	145.4700	Salt Lake	OAHU	WH6F	WH6F			21.35040	-157.91200	1/14/18	1/1/93	50	30
448.3000	443.3000	Honolulu	OAHU	WH6F	WH6F			21.35500	-157.94056	1/14/18	12/7/97	50	20
448.8250	443.8250	Hilo	HAWAII	KH6HPZ	RACES	103.5		19.71500	-155.08600	3/8/18	11/24/12	250	25
144.6300	145.2300	Wahiawa	OAHU	WH6VP	WH6VP			21.49900	-158.02100	7/7/18	11/1/12	50	20
147.7400	147.1400	Kahalua	OAHU	KH6BS	KH6BS			21.43861	-157.83750	9/15/18	11/19/17	50	75
147.7800	147.1800	Kahalua	MAUI	AH6GR	AH6GR	136.5	IRLP	20.83250	-156.92639	11/29/18	5/1/93	52	100
147.6000	147.0000	Kailua	OAHU	WR6AVM	UFN	103.5	windward ICS	21.37833	-157.75306	1/24/19	1/1/94	50	200
447.4500	442.4500	Waialua	KAUAI	WH7J	WH7J		3115T1C1=Hi1 31154T1C1=Kauai County	22.05800	-159.37200	1/26/19	11/26/18	325	50
447.6500	442.6500	Kaneohe	OAHU	NH6NN	HEARDN		DMR	21.41328	-157.77046	2/6/19	7/23/18	125	10
144.5700	145.1700	Kaneohe	OAHU	WH6FWS	WH6FWS	100.0		21.41100	-157.78500	2/23/19	12/21/18	6	40
447.1750	442.1750	Waikoloa	HAWAII	WH6DPT	WH6DPT	100.0	ALLSTAR	19.94900	-155.78300	3/10/19	2/11/19	941	40
144.8500	145.4500	Leeward	OAHU	WH6DHT	NH7QH		DSTAR	21.31722	-157.88333	4/2/19	9/6/06	419	50
147.7200	147.1200	Mauna Kapu	OAHU	KH6JPL	GTE ARC			21.40194	-158.09806	4/2/19	11/1/88	2650	40
147.7800	147.1800	Honolulu	OAHU	WH6DIG	NH7QH			21.34900	-157.91700	4/2/19	1/6/08	167	25
147.9400	147.3400	Honolulu	OAHU	WH7MN	WH7MN		linked to 442.475 Maunakapu	21.40220	-158.09790	4/2/19	9/26/08	567	100
147.9600	147.3600	Kaimuki	OAHU	WH6ARC	ARCHI			21.27300	-157.80417	4/2/19	1/1/95	160	300
223.3200	224.9200	Leeward	OAHU	NH7QH	NH7QH			21.42917	-157.93778	4/2/19	1/18/10	115	50
447.7000	442.7000	Leeward	OAHU	WH6DHT	NH7QH		DSTAR	21.38681	-157.93790	4/2/19	3/13/05	115	50
449.4750	444.4750	Honolulu	OAHU	WH7MN	WH7MN	77.0		21.29222	-157.80861	4/2/19	9/13/08	0	0
449.5500	444.5500	Mokuleia	OAHU	KH6OCD	DEM	114.8	Ep	21.54578	-158.19458	4/2/19	3/20/01	2035	55
449.8000	444.8000	Leeward	OAHU	NH7QH	NH7QH	171.3		21.41444	-157.93778	4/2/19	12/1/05	225	55
449.9250	444.9250	Honolulu	OAHU	WH6ECP	WH6ECP	100.0	echo ALLSTARs	21.30847	-157.84879	4/2/19	11/20/15	220	15
1273.0000	1293.0000	Leeward	OAHU	WH6DHT	NH7QH		DSTAR	21.42917	-157.93778	4/2/19	7/13/07	115	10
147.6000	147.0000	Puna	HAWAII	WH6DVI	WH6DVI	110.9	ALLSTAR	19.52100	-154.98700	4/16/19	3/24/19	757	40
447.2250	442.2250	Kalaheo	KAUAI	KH6S	WDBRA	69.3	DMR ALLSTAR	21.99600	-159.37500	5/17/19	2/6/19	1070	40
447.3250	442.3250	Kona	HAWAII	WH6TAT	WH6TAT			19.62795	-155.97660	5/20/19	6/19/15		30
449.9750	444.9750	Waikoloa	HAWAII	NH6EE	Aulani Hui	103.5		19.93720	-155.78940	7/22/19	9/4/11		
146.0800	146.6800	Waimanalo	OAHU	KH6OCD	DEM		Ep linked rptrs 146.68 76 86 88 90 98	21.32056	-157.68225	8/2/19	12/17/18		
146.1600	146.7600	Mokuleia	OAHU	KH6OCD	DEM	88.5	Ep linked rptrs 146.68 76 86 88 90 98	21.54473	-158.20139	8/2/19	11/1/88	1600	100
146.3000	146.9000	Kahuku	OAHU	KH6OCD	DEM	88.5	Ep linked rptrs 146.68 76 86 88 90 98	21.67515	-157.94629	8/2/19	6/26/11	15	100
447.0000	442.0000	Diamond head	OAHU	KH6HPZ	RACES		Ep	21.26543	-157.80144	8/2/19	2/8/12	438	140
447.7500	442.7500	Wailuku	MAUI	AH6GR	AH6GR	136.5		20.87000	-156.34083	8/2/19	11/1/90	50	
448.4000	443.4000	Mokuleia	OAHU	KH6HFD	HFD	114.8	Ep DMR	21.54578	-158.19458	8/2/19	1/14/02	2046	40
448.4250	443.4250	Round Top	OAHU	KH6HFD	HFD	107.2	Ep i-3080	21.31490	-157.82095	8/2/19	8/1/04	727	70
448.4750	443.4750	Kaaawa	OAHU	KH6HFD	HFDARC	88.5	HI-1 T1C2 KAA	21.55666	-157.85483	8/2/19	12/21/04	54	40
448.5500	443.5500	Manawahua	OAHU	KH6HFD	HFDARC	114.8	Ep DMR	21.38625	-158.10558	8/2/19	1/14/02	2570	45
448.6000	443.6000	Mokuleia	OAHU	KH6HFD	HFD	88.5	HI-1 T1C1 HI-1 W (T1C2 HI-1 MOKU)	21.54578	-158.19458	8/2/19	1/14/02	2046	40
449.0000	444.0000	Puna	HAWAII	K1ENT	KF7YNZ	100.0		19.47470	-154.89650	8/2/19	3/10/18	621	40
449.0500	444.0500	Puna	HAWAII	K1ENT	KF7YNZ	100.0	C4FM	19.47479	-154.89646	8/2/19	3/10/18	621	40

449.3750	444.3750	Waimanalo	OAHU	KH6HFD	HFD	114.8	Ep DMR	21.32056	-157.68225	8/2/19	11/1/88	1360	40
449.4250	444.4250	Round Top	OAHU	KH6HFD	KH6HFD	114.8	Ep i3080	21.31490	-157.82095	8/2/19	1/23/02	1140	40
449.8500	444.8500	Salt Lake	OAHU	KH6HFD	HFDARC	88.5	Ep DMR CC2	21.35435	-157.91282	8/2/19	1/14/02	382	40
447.1500	442.1500	Waianae	OAHU	WH6CTX	WH6CTX	88.5	ALLSTAR	21.45864	-158.20407	8/27/19	8/27/19	10	40
447.1500	442.1500	Waikiki	OAHU	WH6CTX	WH6CTX	100.0	ALLSTAR	21.28807	-157.83541	9/11/19	9/11/19	175	40
448.4500	443.4500	Honolulu	OAHU	KH6OJ	Ohana ARC	103.5		21.31722	-157.83333	9/13/19	1/1/93		50
448.4750	443.4750	Manawahua	OAHU	KH6HFD	HFDARC	88.5	HI-1 T1C1 EWA Ep	21.38625	-158.10558	9/13/19	12/21/04	2570	35
448.6000	443.6000	Waimanalo	OAHU	KH6HFD	HFDARC	88.5	Ep DMR	21.32056	-157.68225	9/13/19	8/1/04	1360	40
448.8250	443.8250	Round Top	OAHU	KH6HFD	KH6FV	88.5	HI-1 T1C1 RT 3115	21.31490	-157.82095	9/13/19	1/14/02	1140	40
447.5500	442.5500	Laupahoe	HAWAII	WH6FSK	WH6FSK	110.9	ALLSTAR	19.98400	-155.23700	1/10/20	4/4/19	467	25
144.6900	145.2900	North Shore	OAHU	KH6BYU	NEOARG	123.0	ALLSTAR	21.64889	-157.92528	1/24/20	10/29/16		
146.1000	146.7000	Kona	HAWAII	NH6M	KARS	110.9	<a href="http://www.cfht.hawaii.edu/~veillet/hwars.html">http://www.cfht.hawaii.edu/~veillet/hwars.html</a>	19.72242	-155.98207	1/24/20	10/11/11		
449.5000	444.5000	Puna	HAWAII	AH6BI	AH6BI	123.0		19.60900	-154.95900	1/25/20	7/29/19	435	50
447.7250	442.7250	Wailuku	MAUI	WH6AV	WH6AV	103.5	DMR	20.91700	-156.49400	1/26/20	8/30/18	16	45
449.1000	444.1000	Wailuku	MAUI	WH6AV	WH6AV	103.5	echo DMR ALLSTAR	20.91700	-156.49400	1/26/20	4/11/18	16	45
146.3600	146.9600	Hilo	HAWAII	KH6KL	RAG	100.0		19.72950	-155.06490	2/3/20	3/24/16	100	100
147.7000	147.1000	Salt Lake	OAHU	KH6IB	KH6IB	123.0	ALLSTAR	21.34930	-157.91710	2/3/20	9/26/08	1083	100
449.9250	444.9250	Hilo	HAWAII	KH6KL	KH6KL	100.0	ALLSTAR	19.68722	-155.17990	2/3/20	8/11/08	2000	40
147.8600	147.2600	Kaimuki	OAHU	WR6AVM	UFN		use 103.5 encode only, Linked 442.475 Maunakapu	21.27083	-157.80028	3/27/20	1/1/93	500	50
144.7700	145.3700	Kualapuu	MOLOKAI	WH6IT	WH6IT	110.9		21.09730	-157.00500	4/4/20	3/31/17	158	40
146.0800	146.6800	Hilo	HAWAII	KH6EJ	BIARC		<a href="http://www.biarc.net/repeaters.shtml#analog">http://www.biarc.net/repeaters.shtml#analog</a>	19.53333	-155.50000	4/4/20	3/29/00		20
146.2800	146.8800	Kakaako	OAHU	WH6CZB	EARC	88.5	Ep linked rpters 146.68 76 86 88 90 98	21.26480	-157.80090	4/4/20	11/1/88	435	55
147.6400	147.0400	Lihue	KAUAI	KH6HPZ	HIEMA	103.5	Ep ALLSTAR RACES	21.97693	-159.35447	4/4/20	1/1/93	181	100
147.6800	147.0600	Diamond head	OAHU	KH6HPZ	HIEMA	103.5	Ep ALLSTAR RACES	21.26624	-157.80152	4/4/20	11/1/88	350	100
447.5000	442.5000	Keaau	HAWAII	KH6EJ	BIARC	100.0	<a href="http://www.biarc.net/repeaters.shtml#analog">http://www.biarc.net/repeaters.shtml#analog</a>	19.57833	-154.97000	4/4/20	12/14/04	200	75
448.3250	443.0250	Wailuku	MAUI	WH6AV	WH6AV	103.5		20.91700	-156.49400	4/4/20	4/7/16	35	80
449.1500	444.1500	Kailua	OAHU	WH6CZB	EARC	88.5		21.37194	-157.74500	4/4/20	11/1/88	350	20
449.9000	444.9000	Hilo	HAWAII	WH6FM	WH6FM	123.0		19.68390	-155.05220	4/4/20	12/14/09	100	100
447.2500	442.2500	Kamuela	HAWAII	KH6HPA	HEARDN		C1T1	20.03100	-155.69500	5/5/20	2/22/19	2800	40
449.1250	444.1250	Hilo	HAWAII	KH6KL	RAG		C1T1	19.68730	-155.17995	5/5/20	6/24/16	2000	45
449.2000	444.2000	Kona	HAWAII	WH6DEW	KARS		C1T2	19.72242	-155.98207	5/5/20	1/26/18	8276	40
449.3750	444.3750	Mauna kea	HAWAII	KH6FV	KH6FV	88.5	CC4	19.71826	-155.45355	5/26/20	5/26/15	7554	40
449.6500	444.6500	STATE	STATE	KH6FV	KH6FV	88.5		21.27838	-157.79935	5/26/20	1/14/02	290	40
449.8500	444.8500	Hilo	HAWAII	KH6FV	KH6FV	88.5	CC4	19.71556	-155.08492	5/26/20	11/29/13	98	40
144.5300	145.1300	Leeward	OAHU	KH6AZ	KH6AZ			21.39694	-158.02083	5/30/20	1/12/11	100	150
146.2000	146.8000	Mauna Kapu	OAHU	WH6CZB	EARC	88.5	Ep solar ALLSTAR	21.39833	-158.10056	5/30/20	11/1/88	1850	40
146.2600	146.8600	Manawahua	OAHU	KH6OCD	DEM	88.5	Ep linked rpters 146.68 76 86 88 90 98	21.38625	-158.10558	5/30/20	9/23/14	198	50
146.3800	146.9800	Honolulu	OAHU	KH6OCD	DEM	88.5	Ep linked rpters 146.68 76 86 88 90 98	21.67515	-157.96290	5/30/20	11/1/88	15	55
449.7250	444.7250	Honolulu	OAHU	WH6FM	WH6FM	123.0	P25 NAC-BAD	21.31722	-157.80417	5/30/20	9/19/11	100	62
144.6900	145.2900	Hilo	HAWAII	WH6FC	WH6FC	100.0		19.69300	-155.07600	6/13/20	3/1/93	4250	20
144.7100	145.3100	Hilo	HAWAII	AH6JA	AH6JA			19.70320	-155.06977	6/13/20	2/3/09	22	60
144.8500	145.4500	Keaau	HAWAII	WH7FC	PERC	100.0				6/13/20	8/16/13	150	20
146.0600	146.6600	Kona	HAWAII	WH6FC	ARES	100.0		19.52020	-155.91750	6/13/20	9/20/11		
146.1200	146.7200	Mauna Kea	HAWAII	WH6FIU	HSVOAD	100.0		19.82222	-155.47140	6/13/20	1/1/93	13700	25
146.1600	146.7600	Kulani Cone	HAWAII	KH6EJ	BIARC	100.0	<a href="http://www.biarc.net/repeaters.shtml#analog">http://www.biarc.net/repeaters.shtml#analog</a>	19.52056	-155.31583	6/13/20	11/1/88	1000	100
146.2600	146.8600	Kona	HAWAII	KH7B	KARS	100.0	<a href="http://www.cfht.hawaii.edu/~veillet/hwars.html">http://www.cfht.hawaii.edu/~veillet/hwars.html</a>	19.72423	-155.98793	6/13/20	10/22/11		
146.2800	146.8800	Pepeekeo	HAWAII	KH6EJ	BIARC	100.0	<a href="http://www.biarc.net/repeaters.shtml#analog">http://www.biarc.net/repeaters.shtml#analog</a>	19.83444	-155.10861	6/13/20	11/1/88	675	200
147.6200	147.0200	Haleakala	MAUI	KH6HPZ	HIEMA	103.5	Ep DMR WIRES RACES	20.70497	-156.26514	6/13/20	11/1/88	10000	100
147.6400	147.0400	Mauna Loa	HAWAII	AH6JA	RACES			19.58861	-155.45278	6/13/20	1/1/92	8160	250
147.7200	147.1200	Puna	HAWAII	WH6DYN	WH6DYN	100.0		19.48008	-154.88814	6/13/20	3/18/13	820	30
147.7600	147.1600	Kona	HAWAII	WH6DEW	KARS	100.0	<a href="http://www.cfht.hawaii.edu/~veillet/hwars.html">http://www.cfht.hawaii.edu/~veillet/hwars.html</a>	19.69250	-155.87306	6/13/20	5/1/93	8200	15
147.8400	147.2400	Kamuela	HAWAII	NH6EE	Aulani Hui	100.0		19.85550	-155.62440	6/13/20	11/24/12	5888	40
147.8600	147.2600	Volcano	HAWAII	KH7DQ	KH7DQ	103.5	C4FM	19.45100	-155.24300	6/13/20	5/13/15	3700	50
147.9800	147.3800	Waimea	HAWAII	KH7T	KH7T			20.04833	-155.60778	6/13/20	11/1/88	3000	20
447.6250	442.6250	Kona	HAWAII	KH6FV	KH6FV	88.5	DMR	19.71600	-155.90830	6/13/20	7/12/16	6150	40
447.7750	442.7750	Hilo	HAWAII	K0BAD	K0BAD	100.0	WIRES <a href="http://www.biarc.net/repeaters.shtml#digital">http://www.biarc.net/repeaters.shtml#digital</a>	19.71900	-155.07500	6/13/20	6/12/18	120	50
449.3000	444.3000	Mountain View	HAWAII	WH6EPS	WH6EPS	100.0		19.47260	-155.08420	6/13/20	5/17/17	1790	20
449.4000	444.4000	Pepeekeo	HAWAII	KH6RDO	KH6RDO	192.8	P25	19.83200	-155.10500	6/13/20	12/8/17	200	
449.4500	444.4500	Kohala	HAWAII	KH6EJ	BIARC		<a href="http://www.biarc.net/repeaters.shtml#analog">http://www.biarc.net/repeaters.shtml#analog</a>	19.81972	-155.62694	6/13/20	1/31/94	6190	50
449.5500	444.5500	Kona	HAWAII	KH6FV	KH6FV	88.5	DMR	19.71600	-155.90830	6/13/20	11/22/17	6150	45
449.6000	444.6000	Kau	HAWAII	KH6EJ	BIARC		C4FM <a href="http://www.biarc.net/repeaters.shtml#digital">http://www.biarc.net/repeaters.shtml#digital</a>	19.07778	-155.57222	6/13/20	1/31/94	400	100
449.9750	444.9750	Kapa'au	HAWAII	KH6L	Aulani Hui			20.21700	-155.81600	6/17/20	6/17/20		

449.5750	444.5750	Waikiki	OAHU	AH6Q	AH6CP		HI-1 C4T1-TG 3115	21.26536	-157.80150	7/2/20	11/14/15	600	300
144.8100	145.4100	Wahiawa	OAHU	WH6PD	WH6PD	103.5		21.50546	-158.00906	7/7/20	2/16/16	1110	25
146.0000	146.6000	Ewa	OAHU	WH6PD	WH6PD	103.5	ISS uplink 145.99 Mhz may experience interference	21.34273	-158.01998	7/7/20	12/17/08	50	15
222.3400	223.9400	Honolulu	OAHU	WH6PD	WH6PD			21.50556	-157.89694	7/7/20	5/18/19	1	24
223.0000	224.6000	Aiea	OAHU	WH6PD	WH6PD			21.34273	-158.01998	7/7/20	8/17/14	250	40
447.0250	442.0250	Ewa	OAHU	WH6PD	WH6PD	103.5		21.34134	-158.02073	7/7/20	4/10/09	33	5
448.1500	443.1500	Haleakala	MAUI	KH6C	KH6C		HI-1 T1C3 KULA	20.83667	-156.34083	7/21/20	2/28/01	2000	
449.9500	444.9500	Wailuku	MAUI	KH6C	KH6C		HI-1 T1C3 WAILUKU	20.88833	-156.50667	7/21/20	4/1/95	400	100
447.8750	442.8750	Volcano	HAWAII	WH6DYN	MP group	123.0	P25 NAC P25 NAC-BAD	19.43242	-155.25989	8/10/20	11/28/17	3750	35
447.9250	442.9250	Kaneohe	OAHU	KH6MP	MP group	123.0	P25 NAC P25 NAC-BAD	21.40389	-157.80972	8/10/20	12/8/98		100
449.8750	444.8750	Honolulu	OAHU	KH6MP	MP group	123.0		21.27389	-157.80306	8/10/20	11/4/09	0	25
146.1800	146.7800	Honolulu	OAHU	KH6BB	HARC			21.36232	-157.95349	8/22/20	11/1/88	210	25
447.9750	442.9750	WIDE	OAHU	WH6Q	WH6Q			21.39583	-157.94667	8/22/20	1/31/16	200	5
447.6250	442.6250	Kahuku	OAHU	KH7HO	KH7HO	88.5	HI-1 T1C1 KAW	21.69540	-158.01214	8/25/20	7/19/13	70	40
448.7250	443.7250	Kahuku	OAHU	KH7HO	KH7HO	88.5	HI-1 T1C1 KH	21.67510	-157.94660	8/25/20	1/8/13	65	40
448.9750	443.9750	Kailua	OAHU	KH7HO	KH7HO	88.5	HI-1 T1C1 HI-1 K	21.37203	-157.74090	8/25/20	11/13/12	20	40
449.6000	444.6000	Kailua	OAHU	KH7HO	KH7HO	88.5		21.42216	-157.75751	8/25/20	3/25/13	20	40
146.1400	146.7400	Kilauea	KAUAI	KH6NS	KH6NS		echo	22.20873	-159.40554	9/2/20	5/28/18	335	40
144.8700	145.4700	Hilo	HAWAII	NH7GX	NH7GX	110.9	ALLSTAR	19.70870	-155.06210	9/7/20	8/15/20	36	40
147.9000	147.3000	Kaimuki	OAHU	AH6CP	AH6CP	103.5	68F DMR ALLSTAR	21.28995	-157.78665	9/11/20	11/1/87	600	100
447.5250	442.5250	Waikiki	OAHU	AH6CP	AH6CP	103.5	DMR	21.28675	-157.83940	9/11/20	7/9/16	150	100
449.3000	444.3000	Diamond head	OAHU	AH6CP	AH6CP	103.5	HI-1 C1T1 3115	21.28995	-157.78665	9/11/20	11/4/12	60	100
449.3250	444.3250	Waimanalo	OAHU	AH6CP	AH6CP	103.5	68F ALLSTAR	21.13206	-157.26384	9/11/20	11/1/88	1400	100
449.3500	444.3500	Honolulu	OAHU	AH6CP	HIEMA	103.5	68F Ep ALLSTAR RACES	21.26639	-157.80152	9/11/20	11/1/88	350	100
449.4000	444.4000	Mauna kapu	OAHU	AH6CP	AH6CP	103.5		21.38625	-158.10558	9/11/20	11/4/12	2700	100
449.5250	444.5250	Honolulu	OAHU	AH6CP	AH6CP	103.5		21.29033	-157.83984	9/11/20	7/6/13	475	1000
449.7500	444.7500	Mauna Loa	HAWAII	AH6CP	AH6CP	103.5	CC4 ALLSTAR	19.53638	-155.57605	9/11/20	11/24/12	8000	25
449.9000	444.9000	Kaimuki	OAHU	AH6CP	AH6CP	103.5	68F DMR WIRES	21.28995	-157.78665	9/11/20	11/1/90	600	100
449.9000	444.9000	Lawai	KAUAI	AH6CP	AH6CP	103.5	68F DMR ALLSTAR	21.91559	-159.49938	9/11/20	7/9/16	600	100
922.0000	925.6000	Honolulu	OAHU	AH6CP	AH6CP			21.31722	-157.80417	9/11/20	11/1/91	650	50
902.1375	927.1375	Diamond head	OAHU	AH6CP	AH6CP	103.5	68F DMR ALLSTAR	21.28995	-157.78665	9/11/20	4/29/13	350	100
449.3000	444.3000	Kapaa	KAUAI	WH6TF	WH6TF		cc1	22.09480	-159.33100	9/13/20	3/7/13	77	200
147.9200	147.3200	Waimea	HAWAII	NH7HI	NHCH	100.0		20.02500	-155.66389	9/20/20	8/1/94	2900	20
447.2000	442.2000	Hilo	HAWAII	NH7GX	NH7GX	110.9	ALLSTAR	19.06246	-155.58296	9/21/20	9/26/18	36	40
146.2200	146.8200	Mauna Loa	HAWAII	WH6FM	WH6FM		P25 NAC-P25 NAC-BAD	19.53333	-155.51667	9/22/20	11/1/88	13518	100
449.7250	444.7250	Hilo	HAWAII	WH6FM	WH6FM	123.0	P25 NAC-BAD	19.68670	-155.06330	9/22/20	1/18/10	100	62
222.9000	224.5000	Ewa	OAHU	WH6PD	WH6PD			21.34250	-158.01972	10/9/20	8/13/15	60	58
146.2400	146.8400	Keaau	HAWAII	K1ENT	KF7YNZ	100.0	Ep	19.56940	-155.06320	10/13/20	4/2/14	621	250
447.7750	442.7750	Kaimuki	OAHU	KH6MP	MP group	123.0		21.26240	-157.70400	11/14/20			100
447.8750	442.8750	Kaimuki	OAHU	KH6MP	MP group	123.0		21.26240	-157.70400	11/14/20			100
144.5900	145.1900	Hau'ula	OAHU	WH6FYE	WH6FYE	100.0	ALLSTAR ECHOLINK	21.60816	-157.91130	12/8/20	9/30/20	15	40
449.6250	444.6250	Lalamilo	HAWAII	NH6EE	Aulani Hui	146.2		20.00532	-155.69517	12/30/20	1/16/16	2000	100
447.0250	442.0250	Kona	HAWAII	NH6M	NH6M	100.0		19.72200	-155.98193	1/10/21	11/19/16	1620	10
146.0200	146.6200	Honolulu	OAHU	KH7O	KH7O	103.5	Ep	21.29200	-157.80000	1/20/21	1/1/93	600	100
447.4500	442.4500	Honolulu	OAHU	KH7O	KH7O	167.9		21.29000	-157.80000	1/20/21	2/1/09	0	25
447.4750	442.4750	Honolulu	OAHU	KH7O	KH7O	103.5	Ep linked to 147.26 Kaimuki	21.29200	-157.80000	1/20/21	11/1/89	3500	1200
449.1750	444.1750	Hilo	HAWAII	AH6JA	AH6CP	103.5	DMR	19.69200	-155.09500	1/27/21	1/27/21	735	150
222.6800	224.2800	Kona	HAWAII	KH6BFD	KH6BFD	103.5		19.71615	-155.91800	1/31/21	11/3/17	6000	40
447.6500	442.6500	Humaula	HAWAII	KH6BFD	KH6BFD	103.5		19.71800	-155.45300	1/31/21	3/1/18	7000	45
448.6500	443.6500	kona	HAWAII	KH6BFD	KH6BFD	100.0		19.70854	-155.92600	1/31/21	8/21/14	6000	
902.1375	927.1375	Kona	HAWAII	KH6BFD	KH6BFD	dpl411	dpl411	19.58860	-155.96696	1/31/21	10/19/14	5000	500
146.1400	146.7400	Lanai City	LANAI	KH6HC	KH6HC			20.70222	-156.36200	2/10/21	9/10/08	1665	50
449.2750	444.2750	Hilo	HAWAII	NH6OV	NH6OV	88.5		19.36114	-154.97060	2/17/21	4/23/14	0	10
449.0250	444.0250	Portable	OAHU	KH6OCD	DEM		Ep	21.39833	-158.10056	3/1/21	7/27/12		
449.0500	444.0500	Honolulu	OAHU	KH6OCD	DEM		Ep	21.39833	-158.10056	3/1/21	1/28/99	50	50
449.0750	444.0750	Portable	OAHU	KH6OCD	DEM		Ep	21.39833	-158.10056	3/1/21	3/30/11		
449.1500	444.1750	Portable	OAHU	KH6OCD	DEM		Ep	21.39833	-158.10056	3/1/21	3/30/11	0	100
449.2000	444.2000	Honolulu HMB	OAHU	WH6CZB	DEM		Ep C4	21.30444	-157.85389	3/1/21	3/30/11	200	55
449.2500	444.2500	Portable	OAHU	KH6OCD	DEM		Ep	21.39833	-158.10056	3/1/21	7/27/12		25
449.2750	444.2750	Portable	OAHU	KH6OCD	DEM		Ep	21.39833	-158.10056	3/1/21	3/30/11	0	0
146.1000	146.7000	Kilauea Crtr Hill	KAUAI	KH6E	KARC	100.0	<a href="http://kauaiamateurradioclub.org/repeaters.html">http://kauaiamateurradioclub.org/repeaters.html</a>	22.22187	-159.40056	3/4/21	10/20/07	365	25
146.3200	146.9200	Kalepa	KAUAI	KH6E	KARC	100.0	<a href="http://kauaiamateurradioclub.org/repeaters.html">http://kauaiamateurradioclub.org/repeaters.html</a>	22.00168	-159.35769	3/4/21	1/1/93	735	40

147.6800	147.0800	Kalaheo	KAUAI	KH6E	KARC	100.0	http://kauaiamateurradioclub.org/repeaters.html	21.91120	-159.52770	3/4/21	3/10/18	650	40
147.7000	147.1000	Kukui-Waimea	KAUAI	KH6E	KARC	100.0	http://kauaiamateurradioclub.org/repeaters.html	22.05290	-159.66161	3/4/21	3/1/13	2940	75
147.7600	147.1600	Lihue	KAUAI	KH6E	KARC	100.0	http://kauaiamateurradioclub.org/repeaters.html	21.98571	-159.36510	3/4/21	3/1/13	735	20
448.8250	443.8250	Kalaheo	KAUAI	KH6E	KARC	118.8	http://kauaiamateurradioclub.org/repeaters.html	21.91156	-159.52796	3/4/21	3/1/13	220	250
444.1750	449.1750	Kalepa	KAUAI	KH6E	KARC	100.0	http://kauaiamateurradioclub.org/repeaters.html	22.00168	-159.35768	3/4/21	3/1/13	735	150
146.1800	146.7800	Honokaa	HAWAII	NH7GF	NH7GF	100.0	ALLSTAR	20.06900	-155.45100	3/21/21	1/7/21	1150	40
146.3600	146.9600	South Kona	HAWAII	WH6EUR	WH6EUR	107.2		19.47890	-155.89140	4/5/21	3/24/16	1782	25
144.5900	145.1900	Pepeekeo	HAWAII	NH7GF	NH7GF	110.9	ALLSTAR	19.83300	-155.10700	5/8/21	9/9/18	459	40
447.2500	442.2500	Lihue	KAUAI	KH6S	WBRA	100.0		22.00200	-159.35800	5/8/21	1/11/14	282	40
447.5250	442.5250	Waiehu	MAUI	WH6FGS	WH6FGS	100.0	ALLSTAR	20.90300	-156.49400	5/8/21	5/23/18	250	40
449.8000	444.8000	Napili	MAUI	WH6FQM	WH6FGY	88.5	ALLSTAR	20.98684	-156.66232	5/9/21	4/4/18	118	35
448.1000	443.1000	Ewa Beach	OAHU	KH6JW	Ohana ARC	100.0	ALLSTAR	21.34650	-158.02870	5/10/21	3/4/10	49	40
147.8200	147.2200	Ewa Beach	OAHU	KH6ICX	HCOM		Health Comm	21.37199	-158.02712	5/15/21	5/14/21	100	40
448.0000	443.0000	Honolulu	OAHU	KH7EC	CERT		C1T2	21.26853	-157.80350	5/22/21	2/27/07		40
144.8100	145.4100	Ocean View	HAWAII	KH7MS	KH7MS		C1T1 P25 C4FM NXDN	19.09400	-155.75600	5/25/21	9/16/19	2500	25
448.4000	443.4000	Ocean View	HAWAII	KH7MS	KH7MS	77.0	DMR P25 C4FM	19.12897	-155.75934	5/25/21	8/22/13	4000	25
449.4000	444.4000	South Kona	HAWAII	KH6ICU	KH6ICU	192.8	C1T1	19.57000	-155.90300	5/25/21	12/8/17	201	
449.6750	444.6750	Koloko	HAWAII	KH6BFD	KH6BFD		C1T1	19.71600	-155.91800	5/25/21	10/20/19	6100	48
447.7000	442.7000	Keauau	HAWAII	KH6TD	KPRT	127.3		19.61470	-154.94940	5/28/21	5/8/19	60	25
147.7600	147.1600	Aiea	OAHU	KH6XK	EDXG	103.5	yaesu-DR1x	21.34273	-158.01998	6/2/21	8/17/14	250	40
447.3250	442.3250	Aiea	OAHU	KH6XK	EDXG	103.5	yaesu-DR1x	21.38700	-157.93000	6/2/21	2/19/17	250	40
146.0200	146.6200	Hakalau	HAWAII	NH7GB	NH7GB	110.9	ALLSTAR	19.90800	-155.13900	6/6/21	4/25/18	326	40
146.0400	146.6400	North Shore	OAHU	WH6CZB	EARC	88.5	ALLSTAR	21.65889	-157.93444	8/14/21	11/1/88	135	11
146.0600	146.6600	Kailua	OAHU	WH6CZB	EARC	88.5	ALLSTAR	21.37194	-157.74500	8/14/21	10/30/03	350	60
447.1750	442.1750	Mililani	OAHU	KH6IN	KH6IN	103.5		21.47100	-158.01722	8/14/21	3/18/07	550	0
447.3000	442.3000	Honolulu	OAHU	KH6IN	HIPRN	103.5	ALLSTAR	21.47100	-158.01722	8/14/21	11/4/06	550	0
449.5000	444.5000	Kakaako	OAHU	WH6CZB	EARC		Ep C5T1 C5T2	21.28675	-157.83940	8/24/21	11/1/88	435	50
449.9500	444.9500	Naalehu	HAWAII	KH7MS	KH7MS	100.0	C1T1	19.06050	-155.58560	9/12/21	10/2/12	750	20
449.9500	444.9500	Pahala	HAWAII	KH7MS	KH7MS		C1T1	19.23800	-155.47800	9/12/21	11/23/19	3100	25
449.9500	444.9500	Volcano	HAWAII	KH7MS	KH7MS		C1T1- P25 C4FM	19.45130	-155.24270	9/12/21	11/12/20	3900	25
449.9500	444.9500	South Kona	HAWAII	KH7MS	KH7MS		DMR P25 C4FM	19.45700	-155.87900	9/12/21	2/20/19	1500	20
449.9500	444.9500	Hilo	HAWAII	KH7MS	KH7MS		C1T1	19.71330	-155.10280	9/12/21	3/15/21		30
449.9500	444.9500	Ocean View	HAWAII	KH7MS	KH7MS		C1T1-NAC293 - 31150 WIRES	19.09440	-155.75600	9/12/21	9/12/21	2500	25
146.1600	146.7600	Wailuku	MAUI	KH6COM	MCDA	100.0	https://www.kh6rs.com/repeaters.html	20.88833	-156.50667	9/20/21	11/1/88	100	100
146.3000	146.9000	Keanae	MAUI	KH6COM	MCDA	110.9	https://www.kh6rs.com/repeaters.html	20.85500	-156.14200	9/20/21	5/15/08		
146.3000	146.9000	Kaanapali	MAUI	KH6COM	MCDA	136.5	https://www.kh6rs.com/repeaters.html	20.94848	-156.69067	9/20/21	6/22/11	150	50
146.3400	146.9400	Haleakala	MAUI	KH6COM	MCDA	110.9	https://www.kh6rs.com/repeaters.html	20.70550	-156.26488	9/20/21	11/1/88	10000	55
147.6000	147.0000	Princeville	KAUAI	KH6S	WBRA	100.0	ALLSTAR	22.21490	-159.47160	9/20/21	5/14/21	283	40
147.6800	147.0800	Haleakala	MAUI	KH6COM	MCDA	107.2	https://www.kh6rs.com/repeaters.html	20.71083	-156.25944	9/20/21	11/2/17	10000	55
147.7400	147.1400	Pukalani	MAUI	WH6CYD	WH6CYD	88.5	ALLSTAR	20.83200	-156.33600	9/20/21	4/10/18	494	40
447.0000	442.0000	Kapalua	MAUI	KH6COM	MCDA	110.9	https://www.kh6rs.com/repeaters.html	21.00106	-156.65403	9/20/21	11/26/07	150	150
447.0500	442.0500	Puu Mahoe	MAUI	KH6COM	MCDA	136.5	https://www.kh6rs.com/repeaters.html	20.62960	-156.38634	9/20/21	9/1/02	2700	
447.0750	442.0750	Puu Kilea	LANAI	KH6COM	MCDA		Ep DMR 3115 TS1 CC1	20.84160	-156.89830	9/20/21	11/26/07	1625	
447.1000	442.1000	Haleakala	MAUI	KH6COM	MCDA	136.5	https://www.kh6rs.com/repeaters.html	20.87000	-156.34083	9/20/21	11/29/18	10000	100
447.1250	442.1250	Puu Hoku	MOLOKAI	KH6COM	MCDA	110.9	https://www.kh6rs.com/repeaters.html	21.14400	-156.73290	9/20/21	11/30/06	14	
447.1750	442.1750	Hanapepe	KAUAI	KH6S	WBRA	100.0	PORTABLE	21.90991	-159.58054	9/20/21	10/19/18	169	40
447.2250	442.2250	Lanai City	LANAI	KH6COM	MCDA	110.9	https://www.kh6rs.com/repeaters.html	20.82368	-156.91980	9/20/21	11/26/07	1625	
447.2750	442.2750	Kahua	HAWAII	KH6COM	MCDA	136.5	https://www.kh6rs.com/repeaters.html	20.12556	-155.77750	9/20/21	11/30/06	1165	
447.3000	442.3000	Hana	MAUI	KH6COM	MCDA	110.9	https://www.kh6rs.com/repeaters.html	20.79556	-156.01444	9/20/21	11/30/06	215	0
447.3000	442.3000	Puu Nana	MOLOKAI	KH6COM	MCDA	136.5	https://www.kh6rs.com/repeaters.html	21.14160	-157.15620	9/20/21	11/30/06	1328	0
447.3500	442.3500	Kaanapali	MAUI	KH6COM	MCDA	136.5	https://www.kh6rs.com/repeaters.html	20.92920	-156.69230	9/20/21	3/18/07	140	25
447.4000	442.4000	Kahakuloa	MAUI	KH6COM	MCDA	136.5	https://www.kh6rs.com/repeaters.html	20.99197	-156.54578	9/20/21	8/1/17	574	
447.5000	442.5000	Kaanapali	MAUI	KH6COM	MCDA	136.5	https://www.kh6rs.com/repeaters.html	20.91314	-156.69239	9/20/21	8/1/17	100	
447.5000	442.5000	Kapaa	KAUAI	KH6S	WBRA	100.0	ALLSTAR	22.07700	-159.32000	9/20/21	6/3/18	20	30
447.6000	442.6000	Puu Niauau	MAUI	KH6COM	MCDA	136.5	https://www.kh6rs.com/repeaters.html	20.77251	-156.24493	9/20/21	12/20/17	100	
447.8500	442.8500	Crater	MAUI	KH6COM	MCDA	110.9	C1T2	20.70990	-156.25240	9/20/21	7/6/09	50	
448.2250	443.2250	Wailuku	MAUI	KH6COM	MCDA	110.9	https://www.kh6rs.com/repeaters.html	20.88800	-156.48880	9/20/21	7/6/09	100	100
448.8000	443.8000	Portable	MAUI	KH6COM	MCDA	110.9	https://www.kh6rs.com/repeaters.html	20.82806	-156.35750	9/20/21	1/14/01	1200	15
449.2250	444.2250	Haleakala	MAUI	KH6COM	MCDA	110.9	https://www.kh6rs.com/repeaters.html	20.70550	-156.26488	9/20/21	10/24/07		
449.9750	444.9750	Kalaheo	KAUAI	KH6S	WBRA	100.0		21.99647	-159.37566	9/20/21	7/28/13	1100	20
449.1000	444.1000	Mauna Kapu	OAHU	WH6CZB	EARC		311549. TS1=open TS2=3115 Hawaii 1 State wide.	21.39833	-158.10056	10/20/21	11/1/88	1850	60
147.8800	147.2800	Hilo	HAWAII	WH6EPQ	LDS HILO	88.5	ALLSTAR ECHOLINK www.hmasn.com www.wh6av.org	19.68800	-155.16300	10/22/21	10/20/21	1529	40

144.6500	145.2500	SNP	STATE	SNP	SNP		SNP				1/1/25	1/1/25		
145.5100	145.5100	DMR simp	STATE	simp	simp		Simplex DMR National simp TG99 T1C1				1/1/25	1/1/25		
145.6700	145.6700	digital simp	STATE	simp	simp		Simplex Digital all modes				1/1/25	1/1/25		
145.7900	145.7900	DMR simp	STATE	simp	simp		Simplex DMR National simp DMR TG99 T1C1				1/1/25	1/1/25		
145.8250	145.8250	ISS APRS	SPACE	uplink	uplink						1/1/25	1/1/25		
145.8500	145.8500	AO27	SPACE	uplink	uplink		satellite AO-27 SO-50				1/1/25	1/1/25		
145.8800	145.8800	AO51	SPACE	uplink	uplink	67.0					1/1/25	1/1/25		
145.9200	145.9200	AO51	SPACE	uplink	uplink	67.0					1/1/25	1/1/25		
437.8000	145.9900	ARISS	SPACE	ARISS	ARISS	67.0	crossband repeater on ISS				1/1/25	1/1/25		
146.4450	146.4450	Waianae	OAHU	simp	simp		Simplex Analog D3 Makakilo Kaena pt				1/1/25	1/1/25		
146.4600	146.4600	analogue simp	OAHU	simp	simp		Simplex Analog D2 South Village park Waipio PC Wahiawa				1/1/25	1/1/25		
146.4750	146.4750	Wahiawa	OAHU	simp	simp		Simplex Analog D2 North Wahiawa Haleiwa Mokuleia				1/1/25	1/1/25		
146.4900	146.4900	North Shore	OAHU	simp	simp		Simplex Analog D5 Kawela Kahana				1/1/25	1/1/25		
146.5050	146.5050	Windward	OAHU	simp	simp		Simplex Analog D4 Waikane Makapuu North				1/1/25	1/1/25		
146.5200	146.5200	analogue simp	STATE	simp	simp		Simplex Analog National Analog simp no DMR or digital modes				1/1/25	1/1/25		
146.5350	146.5350	Pearl City	OAHU	simp	simp		Simplex Analog D6 Halawa Waipahu Barbers Pt.				1/1/25	1/1/25		
146.5500	146.5500	Town	OAHU	simp	simp		Simplex Analog D1 Aina Hina Manoa Makiki Down Town Kalihi				1/1/25	1/1/25		
146.5650	146.5650	Aina Hina	OAHU	simp	simp		Simplex Analog D1 East Aina Hina Makapuu South				1/1/25	1/1/25		
146.5750	146.5750	digital simp	HAWAII	simp	simp		Simplex YAESU FUSION C4FM				1/1/25	1/1/25		
146.5800	146.5800	DEM EOC	OAHU	simp	simp		Simplex Analog HMB DEM EOC				1/1/25	1/1/25		
433.4500	433.4500	DMR simp	STATE	simp	simp		Simplex DMR National simp DMR TG99 T1C1				1/1/25	1/1/25		
436.7950	436.7950	SO-50	SPACE	SPACE	SPACE		downlink SO-50				1/1/25	1/1/25		
441.0000	441.0000	DMR simp	STATE	simp	simp		Simplex DMR National simp DMR TG99 T1C1				1/1/25	1/1/25		
448.3750	443.3750	SNP	STATE	SNP	SNP						1/1/25	1/1/25		
446.0000	446.0000	analogue simp	STATE	simp	simp		Simplex Analog National Analog simp no DMR or digital modes				1/1/25	1/1/25		
446.0750	446.0750	DMR simp	STATE	simp	simp		Simplex DMR National simp DMR TG99 T1C1				1/1/25	1/1/25		
446.1000	446.1000	P25 simp	STATE	simp	simp		Simplex P25 NAC293				1/1/25	1/1/25		
446.1250	446.1250	P25 simp	STATE	simp	simp		Simplex P25 NAC293				1/1/25	1/1/25		
446.5000	446.5000	DMR simp	STATE	simp	simp		Simplex DMR National simp DMR TG99 T1C1				1/1/25	1/1/25		
446.5750	446.5750	digital simp	HAWAII	simp	simp		Simplex YAESU FUSION C4FM				1/2/25	1/2/25		
447.5750	442.5750	Mauna Loa	HAWAII	KH6EJ	BIARC	100.0	DMR CC10	19.58500	-155.45000		9/24/19	8200	100	