

# Appendix for Band 2

Report No.: BCTC2310372691-2E

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Applicant: Cube Tracker LLC

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Product Name: CUBE GPS PRO

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Model/Type  
reference: CUBE GPS PRO

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Tested Date: 2023-10-25 to 2023-11-15

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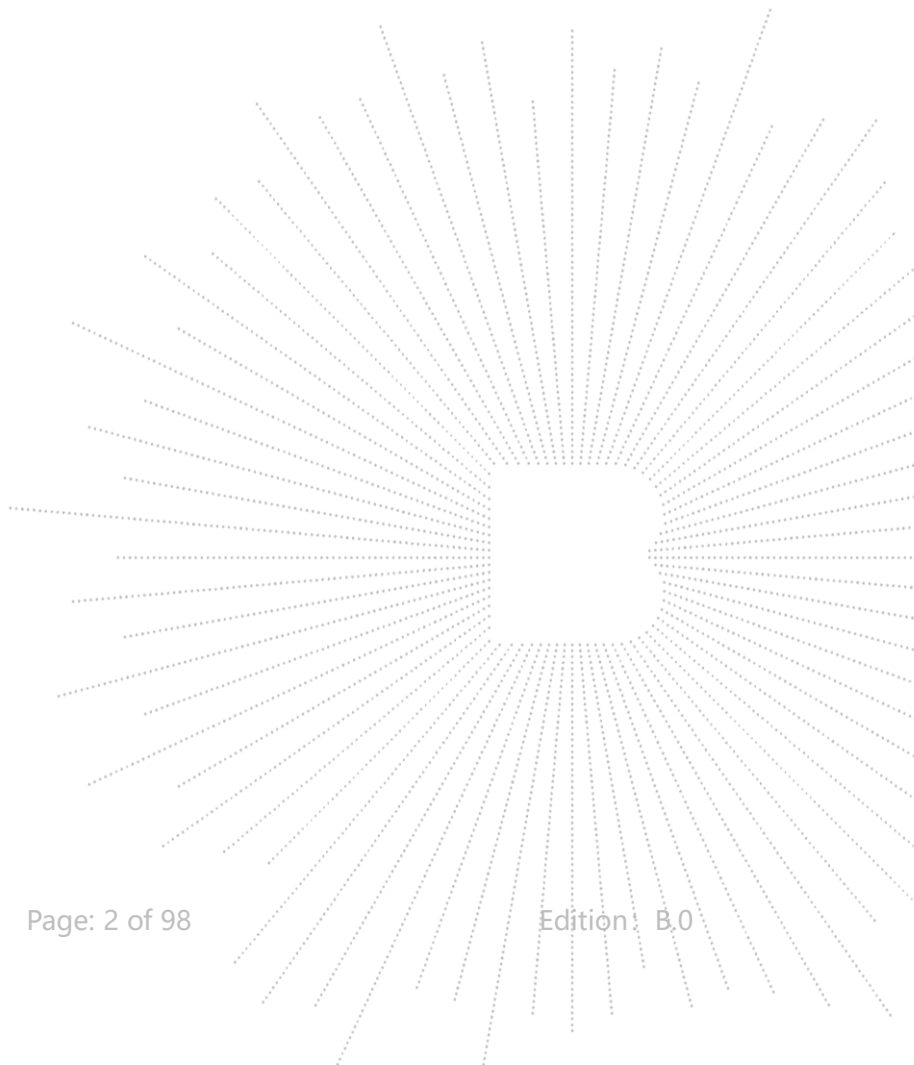
Issued Date: 2023-11-17

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**Shenzhen BCTC Testing Co., Ltd.**

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**Appendix 1. Conducted output power**

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Verdict
Band2	1.4	18607	1	#0	QPSK	22.78	PASS
Band2	1.4	18607	1	#Mid	QPSK	22.83	PASS
Band2	1.4	18607	1	#Max	QPSK	22.75	PASS
Band2	1.4	18607	3	#0	QPSK	22.71	PASS
Band2	1.4	18607	3	#Mid	QPSK	22.73	PASS
Band2	1.4	18607	3	#Max	QPSK	22.69	PASS
Band2	1.4	18607	6	#0	QPSK	21.71	PASS
Band2	1.4	18607	1	#0	16QAM	21.37	PASS
Band2	1.4	18607	1	#Mid	16QAM	21.76	PASS
Band2	1.4	18607	1	#Max	16QAM	21.52	PASS
Band2	1.4	18607	3	#0	16QAM	21.72	PASS
Band2	1.4	18607	3	#Mid	16QAM	21.74	PASS
Band2	1.4	18607	3	#Max	16QAM	21.66	PASS
Band2	1.4	18607	6	#0	16QAM	20.65	PASS
Band2	1.4	18900	1	#0	QPSK	22.56	PASS
Band2	1.4	18900	1	#Mid	QPSK	22.7	PASS
Band2	1.4	18900	1	#Max	QPSK	22.61	PASS
Band2	1.4	18900	3	#0	QPSK	22.65	PASS
Band2	1.4	18900	3	#Mid	QPSK	22.76	PASS
Band2	1.4	18900	3	#Max	QPSK	22.69	PASS
Band2	1.4	18900	6	#0	QPSK	21.75	PASS
Band2	1.4	18900	1	#0	16QAM	21.68	PASS
Band2	1.4	18900	1	#Mid	16QAM	21.81	PASS
Band2	1.4	18900	1	#Max	16QAM	21.59	PASS
Band2	1.4	18900	3	#0	16QAM	21.78	PASS
Band2	1.4	18900	3	#Mid	16QAM	21.8	PASS
Band2	1.4	18900	3	#Max	16QAM	21.75	PASS
Band2	1.4	18900	6	#0	16QAM	20.85	PASS
Band2	1.4	19193	1	#0	QPSK	22.93	PASS
Band2	1.4	19193	1	#Mid	QPSK	22.98	PASS
Band2	1.4	19193	1	#Max	QPSK	22.9	PASS
Band2	1.4	19193	3	#0	QPSK	22.83	PASS
Band2	1.4	19193	3	#Mid	QPSK	22.91	PASS
Band2	1.4	19193	3	#Max	QPSK	22.93	PASS
Band2	1.4	19193	6	#0	QPSK	21.92	PASS
Band2	1.4	19193	1	#0	16QAM	21.85	PASS
Band2	1.4	19193	1	#Mid	16QAM	21.91	PASS
Band2	1.4	19193	1	#Max	16QAM	21.82	PASS
Band2	1.4	19193	3	#0	16QAM	21.94	PASS
Band2	1.4	19193	3	#Mid	16QAM	21.99	PASS

Band2	1.4	19193	3	#Max	16QAM	21.9	PASS
Band2	1.4	19193	6	#0	16QAM	20.92	PASS
Band2	3	18615	1	#0	QPSK	22.71	PASS
Band2	3	18615	1	#Mid	QPSK	22.92	PASS
Band2	3	18615	1	#Max	QPSK	22.74	PASS
Band2	3	18615	8	#0	QPSK	21.74	PASS
Band2	3	18615	8	#Mid	QPSK	21.76	PASS
Band2	3	18615	8	#Max	QPSK	21.73	PASS
Band2	3	18615	15	#0	QPSK	21.73	PASS
Band2	3	18615	1	#0	16QAM	21.67	PASS
Band2	3	18615	1	#Mid	16QAM	21.9	PASS
Band2	3	18615	1	#Max	16QAM	21.47	PASS
Band2	3	18615	8	#0	16QAM	20.68	PASS
Band2	3	18615	8	#Mid	16QAM	20.67	PASS
Band2	3	18615	8	#Max	16QAM	20.69	PASS
Band2	3	18615	15	#0	16QAM	20.72	PASS
Band2	3	18900	1	#0	QPSK	22.76	PASS
Band2	3	18900	1	#Mid	QPSK	23.09	PASS
Band2	3	18900	1	#Max	QPSK	22.87	PASS
Band2	3	18900	8	#0	QPSK	21.81	PASS
Band2	3	18900	8	#Mid	QPSK	21.8	PASS
Band2	3	18900	8	#Max	QPSK	21.82	PASS
Band2	3	18900	15	#0	QPSK	21.86	PASS
Band2	3	18900	1	#0	16QAM	21.77	PASS
Band2	3	18900	1	#Mid	16QAM	21.97	PASS
Band2	3	18900	1	#Max	16QAM	21.87	PASS
Band2	3	18900	8	#0	16QAM	20.82	PASS
Band2	3	18900	8	#Mid	16QAM	20.87	PASS
Band2	3	18900	8	#Max	16QAM	20.79	PASS
Band2	3	18900	15	#0	16QAM	20.76	PASS
Band2	3	19185	1	#0	QPSK	23.15	PASS
Band2	3	19185	1	#Mid	QPSK	23.24	PASS
Band2	3	19185	1	#Max	QPSK	22.97	PASS
Band2	3	19185	8	#0	QPSK	21.95	PASS
Band2	3	19185	8	#Mid	QPSK	21.91	PASS
Band2	3	19185	8	#Max	QPSK	21.97	PASS
Band2	3	19185	15	#0	QPSK	21.94	PASS
Band2	3	19185	1	#0	16QAM	21.95	PASS
Band2	3	19185	1	#Mid	16QAM	21.95	PASS
Band2	3	19185	1	#Max	16QAM	21.92	PASS
Band2	3	19185	8	#0	16QAM	20.94	PASS
Band2	3	19185	8	#Mid	16QAM	20.98	PASS
Band2	3	19185	8	#Max	16QAM	20.94	PASS
Band2	3	19185	15	#0	16QAM	20.94	PASS

Band2	5	18625	1	#0	QPSK	22.66	PASS
Band2	5	18625	1	#Mid	QPSK	22.92	PASS
Band2	5	18625	1	#Max	QPSK	22.58	PASS
Band2	5	18625	12	#0	QPSK	21.81	PASS
Band2	5	18625	12	#Mid	QPSK	21.78	PASS
Band2	5	18625	12	#Max	QPSK	21.74	PASS
Band2	5	18625	25	#0	QPSK	21.81	PASS
Band2	5	18625	1	#0	16QAM	21.56	PASS
Band2	5	18625	1	#Mid	16QAM	21.57	PASS
Band2	5	18625	1	#Max	16QAM	21.46	PASS
Band2	5	18625	12	#0	16QAM	20.67	PASS
Band2	5	18625	12	#Mid	16QAM	20.57	PASS
Band2	5	18625	12	#Max	16QAM	20.43	PASS
Band2	5	18625	25	#0	16QAM	20.69	PASS
Band2	5	18900	1	#0	QPSK	22.74	PASS
Band2	5	18900	1	#Mid	QPSK	22.99	PASS
Band2	5	18900	1	#Max	QPSK	22.86	PASS
Band2	5	18900	12	#0	QPSK	21.8	PASS
Band2	5	18900	12	#Mid	QPSK	21.85	PASS
Band2	5	18900	12	#Max	QPSK	21.83	PASS
Band2	5	18900	25	#0	QPSK	21.81	PASS
Band2	5	18900	1	#0	16QAM	21.62	PASS
Band2	5	18900	1	#Mid	16QAM	21.97	PASS
Band2	5	18900	1	#Max	16QAM	21.74	PASS
Band2	5	18900	12	#0	16QAM	20.76	PASS
Band2	5	18900	12	#Mid	16QAM	20.84	PASS
Band2	5	18900	12	#Max	16QAM	20.81	PASS
Band2	5	18900	25	#0	16QAM	20.78	PASS
Band2	5	19175	1	#0	QPSK	22.88	PASS
Band2	5	19175	1	#Mid	QPSK	23.05	PASS
Band2	5	19175	1	#Max	QPSK	22.9	PASS
Band2	5	19175	12	#0	QPSK	21.95	PASS
Band2	5	19175	12	#Mid	QPSK	21.87	PASS
Band2	5	19175	12	#Max	QPSK	21.96	PASS
Band2	5	19175	25	#0	QPSK	21.97	PASS
Band2	5	19175	1	#0	16QAM	21.67	PASS
Band2	5	19175	1	#Mid	16QAM	21.97	PASS
Band2	5	19175	1	#Max	16QAM	21.72	PASS
Band2	5	19175	12	#0	16QAM	20.96	PASS
Band2	5	19175	12	#Mid	16QAM	20.94	PASS
Band2	5	19175	12	#Max	16QAM	20.99	PASS
Band2	5	19175	25	#0	16QAM	20.88	PASS
Band2	10	18650	1	#0	QPSK	22.88	PASS
Band2	10	18650	1	#Mid	QPSK	22.74	PASS

Band2	10	18650	1	#Max	QPSK	22.79	PASS
Band2	10	18650	25	#0	QPSK	21.7	PASS
Band2	10	18650	25	#Mid	QPSK	21.67	PASS
Band2	10	18650	25	#Max	QPSK	21.68	PASS
Band2	10	18650	50	#0	QPSK	21.7	PASS
Band2	10	18650	1	#0	16QAM	21.66	PASS
Band2	10	18650	1	#Mid	16QAM	21.51	PASS
Band2	10	18650	1	#Max	16QAM	21.47	PASS
Band2	10	18650	25	#0	16QAM	20.67	PASS
Band2	10	18650	25	#Mid	16QAM	20.58	PASS
Band2	10	18650	25	#Max	16QAM	20.6	PASS
Band2	10	18650	50	#0	16QAM	20.58	PASS
Band2	10	18900	1	#0	QPSK	22.66	PASS
Band2	10	18900	1	#Mid	QPSK	22.7	PASS
Band2	10	18900	1	#Max	QPSK	22.99	PASS
Band2	10	18900	25	#0	QPSK	21.83	PASS
Band2	10	18900	25	#Mid	QPSK	21.83	PASS
Band2	10	18900	25	#Max	QPSK	21.91	PASS
Band2	10	18900	50	#0	QPSK	21.79	PASS
Band2	10	18900	1	#0	16QAM	21.71	PASS
Band2	10	18900	1	#Mid	16QAM	21.78	PASS
Band2	10	18900	1	#Max	16QAM	21.77	PASS
Band2	10	18900	25	#0	16QAM	20.77	PASS
Band2	10	18900	25	#Mid	16QAM	20.74	PASS
Band2	10	18900	25	#Max	16QAM	20.83	PASS
Band2	10	18900	50	#0	16QAM	20.74	PASS
Band2	10	19150	1	#0	QPSK	22.82	PASS
Band2	10	19150	1	#Mid	QPSK	22.89	PASS
Band2	10	19150	1	#Max	QPSK	22.92	PASS
Band2	10	19150	25	#0	QPSK	21.83	PASS
Band2	10	19150	25	#Mid	QPSK	21.84	PASS
Band2	10	19150	25	#Max	QPSK	21.93	PASS
Band2	10	19150	50	#0	QPSK	21.85	PASS
Band2	10	19150	1	#0	16QAM	21.75	PASS
Band2	10	19150	1	#Mid	16QAM	21.94	PASS
Band2	10	19150	1	#Max	16QAM	21.74	PASS
Band2	10	19150	25	#0	16QAM	20.89	PASS
Band2	10	19150	25	#Mid	16QAM	20.85	PASS
Band2	10	19150	25	#Max	16QAM	20.88	PASS
Band2	10	19150	50	#0	16QAM	20.81	PASS
Band2	15	18675	1	#0	QPSK	22.91	PASS
Band2	15	18675	1	#Mid	QPSK	22.91	PASS
Band2	15	18675	1	#Max	QPSK	22.88	PASS
Band2	15	18675	36	#0	QPSK	21.71	PASS

Band2	15	18675	36	#Mid	QPSK	21.58	PASS
Band2	15	18675	36	#Max	QPSK	21.78	PASS
Band2	15	18675	75	#0	QPSK	21.59	PASS
Band2	15	18675	1	#0	16QAM	21.61	PASS
Band2	15	18675	1	#Mid	16QAM	21.64	PASS
Band2	15	18675	1	#Max	16QAM	21.51	PASS
Band2	15	18675	36	#0	16QAM	20.63	PASS
Band2	15	18675	36	#Mid	16QAM	20.55	PASS
Band2	15	18675	36	#Max	16QAM	20.62	PASS
Band2	15	18675	75	#0	16QAM	20.53	PASS
Band2	15	18900	1	#0	QPSK	22.61	PASS
Band2	15	18900	1	#Mid	QPSK	22.85	PASS
Band2	15	18900	1	#Max	QPSK	22.74	PASS
Band2	15	18900	36	#0	QPSK	21.74	PASS
Band2	15	18900	36	#Mid	QPSK	21.7	PASS
Band2	15	18900	36	#Max	QPSK	21.78	PASS
Band2	15	18900	75	#0	QPSK	21.72	PASS
Band2	15	18900	1	#0	16QAM	21.75	PASS
Band2	15	18900	1	#Mid	16QAM	21.88	PASS
Band2	15	18900	1	#Max	16QAM	21.74	PASS
Band2	15	18900	36	#0	16QAM	20.67	PASS
Band2	15	18900	36	#Mid	16QAM	20.72	PASS
Band2	15	18900	36	#Max	16QAM	20.76	PASS
Band2	15	18900	75	#0	16QAM	20.69	PASS
Band2	15	19125	1	#0	QPSK	22.52	PASS
Band2	15	19125	1	#Mid	QPSK	22.76	PASS
Band2	15	19125	1	#Max	QPSK	22.67	PASS
Band2	15	19125	36	#0	QPSK	21.68	PASS
Band2	15	19125	36	#Mid	QPSK	21.76	PASS
Band2	15	19125	36	#Max	QPSK	21.59	PASS
Band2	15	19125	75	#0	QPSK	21.58	PASS
Band2	15	19125	1	#0	16QAM	21.48	PASS
Band2	15	19125	1	#Mid	16QAM	21.75	PASS
Band2	15	19125	1	#Max	16QAM	21.71	PASS
Band2	15	19125	36	#0	16QAM	20.61	PASS
Band2	15	19125	36	#Mid	16QAM	20.71	PASS
Band2	15	19125	36	#Max	16QAM	20.73	PASS
Band2	15	19125	75	#0	16QAM	20.58	PASS
Band2	20	18700	1	#0	QPSK	22.61	PASS
Band2	20	18700	1	#Mid	QPSK	22.72	PASS
Band2	20	18700	1	#Max	QPSK	22.81	PASS
Band2	20	18700	50	#0	QPSK	21.72	PASS
Band2	20	18700	50	#Mid	QPSK	21.77	PASS
Band2	20	18700	50	#Max	QPSK	21.84	PASS

Band2	20	18700	100	#0	QPSK	21.71	PASS
Band2	20	18700	1	#0	16QAM	21.55	PASS
Band2	20	18700	1	#Mid	16QAM	21.59	PASS
Band2	20	18700	1	#Max	16QAM	21.65	PASS
Band2	20	18700	50	#0	16QAM	20.59	PASS
Band2	20	18700	50	#Mid	16QAM	20.63	PASS
Band2	20	18700	50	#Max	16QAM	20.69	PASS
Band2	20	18700	100	#0	16QAM	20.62	PASS
Band2	20	18900	1	#0	QPSK	22.8	PASS
Band2	20	18900	1	#Mid	QPSK	22.72	PASS
Band2	20	18900	1	#Max	QPSK	22.79	PASS
Band2	20	18900	50	#0	QPSK	21.83	PASS
Band2	20	18900	50	#Mid	QPSK	21.78	PASS
Band2	20	18900	50	#Max	QPSK	21.87	PASS
Band2	20	18900	100	#0	QPSK	21.86	PASS
Band2	20	18900	1	#0	16QAM	21.68	PASS
Band2	20	18900	1	#Mid	16QAM	21.8	PASS
Band2	20	18900	1	#Max	16QAM	21.66	PASS
Band2	20	18900	50	#0	16QAM	20.7	PASS
Band2	20	18900	50	#Mid	16QAM	20.67	PASS
Band2	20	18900	50	#Max	16QAM	20.84	PASS
Band2	20	18900	100	#0	16QAM	20.74	PASS
Band2	20	19100	1	#0	QPSK	22.88	PASS
Band2	20	19100	1	#Mid	QPSK	22.72	PASS
Band2	20	19100	1	#Max	QPSK	22.88	PASS
Band2	20	19100	50	#0	QPSK	21.64	PASS
Band2	20	19100	50	#Mid	QPSK	21.69	PASS
Band2	20	19100	50	#Max	QPSK	21.79	PASS
Band2	20	19100	100	#0	QPSK	21.73	PASS
Band2	20	19100	1	#0	16QAM	21.37	PASS
Band2	20	19100	1	#Mid	16QAM	21.63	PASS
Band2	20	19100	1	#Max	16QAM	21.59	PASS
Band2	20	19100	50	#0	16QAM	20.66	PASS
Band2	20	19100	50	#Mid	16QAM	20.68	PASS
Band2	20	19100	50	#Max	16QAM	20.74	PASS
Band2	20	19100	100	#0	16QAM	20.7	PASS



**Appendix 2. Frequency stability**

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band2	1.4	18607	6	#0	QPSK	LV	NT	1.24	0.001	-2.5	2.5	PASS
Band2	1.4	18607	6	#0	QPSK	NV	NT	6.39	0.003	-2.5	2.5	PASS
Band2	1.4	18607	6	#0	QPSK	HV	NT	3.42	0.002	-2.5	2.5	PASS
Band2	1.4	18607	6	#0	16QAM	LV	NT	2.40	0.001	-2.5	2.5	PASS
Band2	1.4	18607	6	#0	16QAM	NV	NT	1.09	0.001	-2.5	2.5	PASS
Band2	1.4	18607	6	#0	16QAM	HV	NT	3.52	0.002	-2.5	2.5	PASS
Band2	1.4	18900	6	#0	QPSK	LV	NT	1.00	0.001	-2.5	2.5	PASS
Band2	1.4	18900	6	#0	QPSK	NV	NT	-1.07	-0.001	-2.5	2.5	PASS
Band2	1.4	18900	6	#0	QPSK	HV	NT	-1.67	-0.001	-2.5	2.5	PASS
Band2	1.4	18900	6	#0	16QAM	LV	NT	2.46	0.001	-2.5	2.5	PASS
Band2	1.4	18900	6	#0	16QAM	NV	NT	-1.36	-0.001	-2.5	2.5	PASS
Band2	1.4	18900	6	#0	16QAM	HV	NT	-1.30	-0.001	-2.5	2.5	PASS
Band2	1.4	19193	6	#0	QPSK	LV	NT	-1.69	-0.001	-2.5	2.5	PASS
Band2	1.4	19193	6	#0	QPSK	NV	NT	3.66	0.002	-2.5	2.5	PASS
Band2	1.4	19193	6	#0	QPSK	HV	NT	3.36	0.002	-2.5	2.5	PASS
Band2	1.4	19193	6	#0	16QAM	LV	NT	-1.49	-0.001	-2.5	2.5	PASS
Band2	1.4	19193	6	#0	16QAM	NV	NT	-1.79	-0.001	-2.5	2.5	PASS
Band2	1.4	19193	6	#0	16QAM	HV	NT	0.16	0.000	-2.5	2.5	PASS

Ban d2	3	18615	15	#0	QPSK	LV	NT	2.99	0.00 2	-2.5	2.5	PAS S
Ban d2	3	18615	15	#0	QPSK	NV	NT	1.39	0.00 1	-2.5	2.5	PAS S
Ban d2	3	18615	15	#0	QPSK	HV	NT	-0.7 9	0.00 0	-2.5	2.5	PAS S
Ban d2	3	18615	15	#0	16QAM	LV	NT	0.82	0.00 0	-2.5	2.5	PAS S
Ban d2	3	18615	15	#0	16QAM	NV	NT	2.09	0.00 1	-2.5	2.5	PAS S
Ban d2	3	18615	15	#0	16QAM	HV	NT	2.80	0.00 2	-2.5	2.5	PAS S
Ban d2	3	18900	15	#0	QPSK	LV	NT	3.20	0.00 2	-2.5	2.5	PAS S
Ban d2	3	18900	15	#0	QPSK	NV	NT	4.32	0.00 2	-2.5	2.5	PAS S
Ban d2	3	18900	15	#0	QPSK	HV	NT	5.97	0.00 3	-2.5	2.5	PAS S
Ban d2	3	18900	15	#0	16QAM	LV	NT	3.20	0.00 2	-2.5	2.5	PAS S
Ban d2	3	18900	15	#0	16QAM	NV	NT	5.66	0.00 3	-2.5	2.5	PAS S
Ban d2	3	18900	15	#0	16QAM	HV	NT	12.4 3	0.00 7	-2.5	2.5	PAS S
Ban d2	3	19185	15	#0	QPSK	LV	NT	2.53	0.00 1	-2.5	2.5	PAS S
Ban d2	3	19185	15	#0	QPSK	NV	NT	3.89	0.00 2	-2.5	2.5	PAS S
Ban d2	3	19185	15	#0	QPSK	HV	NT	-18. 04	-0.0 09	-2.5	2.5	PAS S
Ban d2	3	19185	15	#0	16QAM	LV	NT	-8.1 5	-0.0 04	-2.5	2.5	PAS S
Ban d2	3	19185	15	#0	16QAM	NV	NT	-0.3 3	0.00 0	-2.5	2.5	PAS S
Ban d2	3	19185	15	#0	16QAM	HV	NT	-2.3 7	-0.0 01	-2.5	2.5	PAS S
Ban d2	5	18625	25	#0	QPSK	LV	NT	5.39	0.00 3	-2.5	2.5	PAS S
Ban d2	5	18625	25	#0	QPSK	NV	NT	1.50	0.00 1	-2.5	2.5	PAS S
Ban d2	5	18625	25	#0	QPSK	HV	NT	0.07	0.00 0	-2.5	2.5	PAS S
Ban d2	5	18625	25	#0	16QAM	LV	NT	3.05	0.00 2	-2.5	2.5	PAS S

Ban d2	5	18625	25	#0	16QAM	NV	NT	-1.4 9	-0.0 01	-2.5	2.5	PAS S
Ban d2	5	18625	25	#0	16QAM	HV	NT	3.45	0.00 2	-2.5	2.5	PAS S
Ban d2	5	18900	25	#0	QPSK	LV	NT	5.95	0.00 3	-2.5	2.5	PAS S
Ban d2	5	18900	25	#0	QPSK	NV	NT	4.01	0.00 2	-2.5	2.5	PAS S
Ban d2	5	18900	25	#0	QPSK	HV	NT	1.37	0.00 1	-2.5	2.5	PAS S
Ban d2	5	18900	25	#0	16QAM	LV	NT	4.13	0.00 2	-2.5	2.5	PAS S
Ban d2	5	18900	25	#0	16QAM	NV	NT	5.42	0.00 3	-2.5	2.5	PAS S
Ban d2	5	18900	25	#0	16QAM	HV	NT	6.24	0.00 3	-2.5	2.5	PAS S
Ban d2	5	19175	25	#0	QPSK	LV	NT	6.88	0.00 4	-2.5	2.5	PAS S
Ban d2	5	19175	25	#0	QPSK	NV	NT	6.69	0.00 4	-2.5	2.5	PAS S
Ban d2	5	19175	25	#0	QPSK	HV	NT	3.81	0.00 2	-2.5	2.5	PAS S
Ban d2	5	19175	25	#0	16QAM	LV	NT	-0.3 1	0.00 0	-2.5	2.5	PAS S
Ban d2	5	19175	25	#0	16QAM	NV	NT	4.51	0.00 2	-2.5	2.5	PAS S
Ban d2	5	19175	25	#0	16QAM	HV	NT	0.53	0.00 0	-2.5	2.5	PAS S
Ban d2	10	18650	50	#0	QPSK	LV	NT	2.66	0.00 1	-2.5	2.5	PAS S
Ban d2	10	18650	50	#0	QPSK	NV	NT	-0.3 6	0.00 0	-2.5	2.5	PAS S
Ban d2	10	18650	50	#0	QPSK	HV	NT	1.23	0.00 1	-2.5	2.5	PAS S
Ban d2	10	18650	50	#0	16QAM	LV	NT	1.43	0.00 1	-2.5	2.5	PAS S
Ban d2	10	18650	50	#0	16QAM	NV	NT	2.60	0.00 1	-2.5	2.5	PAS S
Ban d2	10	18650	50	#0	16QAM	HV	NT	0.56	0.00 0	-2.5	2.5	PAS S
Ban d2	10	18900	50	#0	QPSK	LV	NT	1.14	0.00 1	-2.5	2.5	PAS S
Ban d2	10	18900	50	#0	QPSK	NV	NT	1.85	0.00 1	-2.5	2.5	PAS S

Ban d2	10	18900	50	#0	QPSK	HV	NT	3.48	0.00 2	-2.5	2.5	PAS S
Ban d2	10	18900	50	#0	16QAM	LV	NT	3.52	0.00 2	-2.5	2.5	PAS S
Ban d2	10	18900	50	#0	16QAM	NV	NT	1.46	0.00 1	-2.5	2.5	PAS S
Ban d2	10	18900	50	#0	16QAM	HV	NT	0.36	0.00 0	-2.5	2.5	PAS S
Ban d2	10	19150	50	#0	QPSK	LV	NT	4.84	0.00 3	-2.5	2.5	PAS S
Ban d2	10	19150	50	#0	QPSK	NV	NT	-0.8 3	0.00 0	-2.5	2.5	PAS S
Ban d2	10	19150	50	#0	QPSK	HV	NT	1.76	0.00 1	-2.5	2.5	PAS S
Ban d2	10	19150	50	#0	16QAM	LV	NT	-0.2 1	0.00 0	-2.5	2.5	PAS S
Ban d2	10	19150	50	#0	16QAM	NV	NT	-0.0 6	0.00 0	-2.5	2.5	PAS S
Ban d2	10	19150	50	#0	16QAM	HV	NT	4.05	0.00 2	-2.5	2.5	PAS S
Ban d2	15	18675	75	#0	QPSK	LV	NT	0.17	0.00 0	-2.5	2.5	PAS S
Ban d2	15	18675	75	#0	QPSK	NV	NT	1.99	0.00 1	-2.5	2.5	PAS S
Ban d2	15	18675	75	#0	QPSK	HV	NT	0.24	0.00 0	-2.5	2.5	PAS S
Ban d2	15	18675	75	#0	16QAM	LV	NT	-0.3 3	0.00 0	-2.5	2.5	PAS S
Ban d2	15	18675	75	#0	16QAM	NV	NT	-0.3 1	0.00 0	-2.5	2.5	PAS S
Ban d2	15	18675	75	#0	16QAM	HV	NT	0.86	0.00 0	-2.5	2.5	PAS S
Ban d2	15	18900	75	#0	QPSK	LV	NT	5.66	0.00 3	-2.5	2.5	PAS S
Ban d2	15	18900	75	#0	QPSK	NV	NT	2.92	0.00 2	-2.5	2.5	PAS S
Ban d2	15	18900	75	#0	QPSK	HV	NT	4.39	0.00 2	-2.5	2.5	PAS S
Ban d2	15	18900	75	#0	16QAM	LV	NT	4.12	0.00 2	-2.5	2.5	PAS S
Ban d2	15	18900	75	#0	16QAM	NV	NT	3.25	0.00 2	-2.5	2.5	PAS S
Ban d2	15	18900	75	#0	16QAM	HV	NT	2.55	0.00 1	-2.5	2.5	PAS S

Ban d2	15	19125	75	#0	QPSK	LV	NT	1.04	0.00 1	-2.5	2.5	PAS S
Ban d2	15	19125	75	#0	QPSK	NV	NT	0.97	0.00 1	-2.5	2.5	PAS S
Ban d2	15	19125	75	#0	QPSK	HV	NT	0.36	0.00 0	-2.5	2.5	PAS S
Ban d2	15	19125	75	#0	16QAM	LV	NT	4.13	0.00 2	-2.5	2.5	PAS S
Ban d2	15	19125	75	#0	16QAM	NV	NT	1.39	0.00 1	-2.5	2.5	PAS S
Ban d2	15	19125	75	#0	16QAM	HV	NT	2.25	0.00 1	-2.5	2.5	PAS S
Ban d2	20	18700	10 0	#0	QPSK	LV	NT	1.12	0.00 1	-2.5	2.5	PAS S
Ban d2	20	18700	10 0	#0	QPSK	NV	NT	-0.6 3	0.00 0	-2.5	2.5	PAS S
Ban d2	20	18700	10 0	#0	QPSK	HV	NT	0.74	0.00 0	-2.5	2.5	PAS S
Ban d2	20	18700	10 0	#0	16QAM	LV	NT	-0.7 0	0.00 0	-2.5	2.5	PAS S
Ban d2	20	18700	10 0	#0	16QAM	NV	NT	0.51	0.00 0	-2.5	2.5	PAS S
Ban d2	20	18700	10 0	#0	16QAM	HV	NT	0.20	0.00 0	-2.5	2.5	PAS S
Ban d2	20	18900	10 0	#0	QPSK	LV	NT	1.82	0.00 1	-2.5	2.5	PAS S
Ban d2	20	18900	10 0	#0	QPSK	NV	NT	-0.2 4	0.00 0	-2.5	2.5	PAS S
Ban d2	20	18900	10 0	#0	QPSK	HV	NT	-0.2 6	0.00 0	-2.5	2.5	PAS S
Ban d2	20	18900	10 0	#0	16QAM	LV	NT	-0.8 3	0.00 0	-2.5	2.5	PAS S
Ban d2	20	18900	10 0	#0	16QAM	NV	NT	1.22	0.00 1	-2.5	2.5	PAS S
Ban d2	20	18900	10 0	#0	16QAM	HV	NT	0.51	0.00 0	-2.5	2.5	PAS S
Ban d2	20	19100	10 0	#0	QPSK	LV	NT	4.96	0.00 3	-2.5	2.5	PAS S
Ban d2	20	19100	10 0	#0	QPSK	NV	NT	3.33	0.00 2	-2.5	2.5	PAS S
Ban d2	20	19100	10 0	#0	QPSK	HV	NT	2.10	0.00 1	-2.5	2.5	PAS S
Ban d2	20	19100	10 0	#0	16QAM	LV	NT	3.45	0.00 2	-2.5	2.5	PAS S

Band2	20	19100	100	#0	16QAM	NV	NT	3.89	0.002	-2.5	2.5	PASS
Band2	20	19100	100	#0	16QAM	HV	NT	4.29	0.002	-2.5	2.5	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band2	1.4	18607	6	#0	QPSK	NV	-30	-2.60	-0.001	-2.5	2.5	PASS
Band2	1.4	18607	6	#0	QPSK	NV	-20	-2.72	-0.001	-2.5	2.5	PASS
Band2	1.4	18607	6	#0	QPSK	NV	-10	-2.36	-0.001	-2.5	2.5	PASS
Band2	1.4	18607	6	#0	QPSK	NV	0	-2.59	-0.001	-2.5	2.5	PASS
Band2	1.4	18607	6	#0	QPSK	NV	10	-2.45	-0.001	-2.5	2.5	PASS
Band2	1.4	18607	6	#0	QPSK	NV	20	-2.10	-0.001	-2.5	2.5	PASS
Band2	1.4	18607	6	#0	QPSK	NV	30	-1.66	-0.001	-2.5	2.5	PASS
Band2	1.4	18607	6	#0	QPSK	NV	40	-3.79	-0.002	-2.5	2.5	PASS
Band2	1.4	18607	6	#0	QPSK	NV	50	-2.19	-0.001	-2.5	2.5	PASS
Band2	1.4	18607	6	#0	16QAM	NV	-30	-3.62	-0.002	-2.5	2.5	PASS
Band2	1.4	18607	6	#0	16QAM	NV	-20	-3.60	-0.002	-2.5	2.5	PASS
Band2	1.4	18607	6	#0	16QAM	NV	-10	-3.73	-0.002	-2.5	2.5	PASS
Band2	1.4	18607	6	#0	16QAM	NV	0	-1.12	-0.001	-2.5	2.5	PASS
Band2	1.4	18607	6	#0	16QAM	NV	10	-2.89	-0.002	-2.5	2.5	PASS
Band2	1.4	18607	6	#0	16QAM	NV	20	-2.22	-0.001	-2.5	2.5	PASS
Band2	1.4	18607	6	#0	16QAM	NV	30	-2.43	-0.001	-2.5	2.5	PASS
Band2	1.4	18607	6	#0	16QAM	NV	40	-3.49	-0.002	-2.5	2.5	PASS

Ban d2	1.4	18607	6	#0	16QAM	NV	50	-2.1 6	-0.0 01	-2.5	2.5	PAS S
Ban d2	1.4	18900	6	#0	QPSK	NV	-30	-3.9 2	-0.0 02	-2.5	2.5	PAS S
Ban d2	1.4	18900	6	#0	QPSK	NV	-20	-4.8 5	-0.0 03	-2.5	2.5	PAS S
Ban d2	1.4	18900	6	#0	QPSK	NV	-10	-3.8 1	-0.0 02	-2.5	2.5	PAS S
Ban d2	1.4	18900	6	#0	QPSK	NV	0	-3.9 9	-0.0 02	-2.5	2.5	PAS S
Ban d2	1.4	18900	6	#0	QPSK	NV	10	-3.9 1	-0.0 02	-2.5	2.5	PAS S
Ban d2	1.4	18900	6	#0	QPSK	NV	20	-4.5 8	-0.0 02	-2.5	2.5	PAS S
Ban d2	1.4	18900	6	#0	QPSK	NV	30	-3.8 1	-0.0 02	-2.5	2.5	PAS S
Ban d2	1.4	18900	6	#0	QPSK	NV	40	-5.3 8	-0.0 03	-2.5	2.5	PAS S
Ban d2	1.4	18900	6	#0	QPSK	NV	50	-4.6 6	-0.0 02	-2.5	2.5	PAS S
Ban d2	1.4	18900	6	#0	16QAM	NV	-30	-5.0 5	-0.0 03	-2.5	2.5	PAS S
Ban d2	1.4	18900	6	#0	16QAM	NV	-20	-3.9 3	-0.0 02	-2.5	2.5	PAS S
Ban d2	1.4	18900	6	#0	16QAM	NV	-10	-4.0 5	-0.0 02	-2.5	2.5	PAS S
Ban d2	1.4	18900	6	#0	16QAM	NV	0	-4.4 5	-0.0 02	-2.5	2.5	PAS S
Ban d2	1.4	18900	6	#0	16QAM	NV	10	-2.4 3	-0.0 01	-2.5	2.5	PAS S
Ban d2	1.4	18900	6	#0	16QAM	NV	20	-3.1 9	-0.0 02	-2.5	2.5	PAS S
Ban d2	1.4	18900	6	#0	16QAM	NV	30	-3.4 9	-0.0 02	-2.5	2.5	PAS S
Ban d2	1.4	18900	6	#0	16QAM	NV	40	-3.1 6	-0.0 02	-2.5	2.5	PAS S
Ban d2	1.4	18900	6	#0	16QAM	NV	50	-3.2 6	-0.0 02	-2.5	2.5	PAS S
Ban d2	1.4	19193	6	#0	QPSK	NV	-30	-0.2 7	0.00 0	-2.5	2.5	PAS S
Ban d2	1.4	19193	6	#0	QPSK	NV	-20	-1.8 5	-0.0 01	-2.5	2.5	PAS S
Ban d2	1.4	19193	6	#0	QPSK	NV	-10	-0.0 1	0.00 0	-2.5	2.5	PAS S

Ban d2	1.4	19193	6	#0	QPSK	NV	0	0.69	0.00 0	-2.5	2.5	PAS S
Ban d2	1.4	19193	6	#0	QPSK	NV	10	0.67	0.00 0	-2.5	2.5	PAS S
Ban d2	1.4	19193	6	#0	QPSK	NV	20	-1.9 9	-0.0 01	-2.5	2.5	PAS S
Ban d2	1.4	19193	6	#0	QPSK	NV	30	-0.2 1	0.00 0	-2.5	2.5	PAS S
Ban d2	1.4	19193	6	#0	QPSK	NV	40	-0.7 3	0.00 0	-2.5	2.5	PAS S
Ban d2	1.4	19193	6	#0	QPSK	NV	50	-2.1 2	-0.0 01	-2.5	2.5	PAS S
Ban d2	1.4	19193	6	#0	16QAM	NV	-30	0.72	0.00 0	-2.5	2.5	PAS S
Ban d2	1.4	19193	6	#0	16QAM	NV	-20	-0.6 0	0.00 0	-2.5	2.5	PAS S
Ban d2	1.4	19193	6	#0	16QAM	NV	-10	0.13	0.00 0	-2.5	2.5	PAS S
Ban d2	1.4	19193	6	#0	16QAM	NV	0	-0.9 7	-0.0 01	-2.5	2.5	PAS S
Ban d2	1.4	19193	6	#0	16QAM	NV	10	0.50	0.00 0	-2.5	2.5	PAS S
Ban d2	1.4	19193	6	#0	16QAM	NV	20	-0.2 1	0.00 0	-2.5	2.5	PAS S
Ban d2	1.4	19193	6	#0	16QAM	NV	30	-1.2 9	-0.0 01	-2.5	2.5	PAS S
Ban d2	1.4	19193	6	#0	16QAM	NV	40	-0.2 7	0.00 0	-2.5	2.5	PAS S
Ban d2	1.4	19193	6	#0	16QAM	NV	50	-1.2 4	-0.0 01	-2.5	2.5	PAS S
Ban d2	3	18615	15	#0	QPSK	NV	-30	-1.5 6	-0.0 01	-2.5	2.5	PAS S
Ban d2	3	18615	15	#0	QPSK	NV	-20	-2.1 7	-0.0 01	-2.5	2.5	PAS S
Ban d2	3	18615	15	#0	QPSK	NV	-10	-3.0 6	-0.0 02	-2.5	2.5	PAS S
Ban d2	3	18615	15	#0	QPSK	NV	0	-2.2 5	-0.0 01	-2.5	2.5	PAS S
Ban d2	3	18615	15	#0	QPSK	NV	10	-3.3 9	-0.0 02	-2.5	2.5	PAS S
Ban d2	3	18615	15	#0	QPSK	NV	20	-2.8 8	-0.0 02	-2.5	2.5	PAS S
Ban d2	3	18615	15	#0	QPSK	NV	30	-2.6 9	-0.0 01	-2.5	2.5	PAS S



Ban d2	3	18615	15	#0	QPSK	NV	40	-3.8 1	-0.0 02	-2.5	2.5	PAS S
Ban d2	3	18615	15	#0	QPSK	NV	50	-4.0 9	-0.0 02	-2.5	2.5	PAS S
Ban d2	3	18615	15	#0	16QAM	NV	-30	-2.7 6	-0.0 01	-2.5	2.5	PAS S
Ban d2	3	18615	15	#0	16QAM	NV	-20	-2.7 3	-0.0 01	-2.5	2.5	PAS S
Ban d2	3	18615	15	#0	16QAM	NV	-10	-4.0 6	-0.0 02	-2.5	2.5	PAS S
Ban d2	3	18615	15	#0	16QAM	NV	0	-2.9 2	-0.0 02	-2.5	2.5	PAS S
Ban d2	3	18615	15	#0	16QAM	NV	10	-3.2 8	-0.0 02	-2.5	2.5	PAS S
Ban d2	3	18615	15	#0	16QAM	NV	20	-2.5 6	-0.0 01	-2.5	2.5	PAS S
Ban d2	3	18615	15	#0	16QAM	NV	30	-2.2 0	-0.0 01	-2.5	2.5	PAS S
Ban d2	3	18615	15	#0	16QAM	NV	40	-3.4 0	-0.0 02	-2.5	2.5	PAS S
Ban d2	3	18615	15	#0	16QAM	NV	50	-2.4 0	-0.0 01	-2.5	2.5	PAS S
Ban d2	3	18900	15	#0	QPSK	NV	-30	-4.3 8	-0.0 02	-2.5	2.5	PAS S
Ban d2	3	18900	15	#0	QPSK	NV	-20	-3.0 3	-0.0 02	-2.5	2.5	PAS S
Ban d2	3	18900	15	#0	QPSK	NV	-10	-3.6 8	-0.0 02	-2.5	2.5	PAS S
Ban d2	3	18900	15	#0	QPSK	NV	0	-4.6 3	-0.0 02	-2.5	2.5	PAS S
Ban d2	3	18900	15	#0	QPSK	NV	10	-2.1 0	-0.0 01	-2.5	2.5	PAS S
Ban d2	3	18900	15	#0	QPSK	NV	20	-3.4 2	-0.0 02	-2.5	2.5	PAS S
Ban d2	3	18900	15	#0	QPSK	NV	30	-3.7 3	-0.0 02	-2.5	2.5	PAS S
Ban d2	3	18900	15	#0	QPSK	NV	40	-3.1 5	-0.0 02	-2.5	2.5	PAS S
Ban d2	3	18900	15	#0	QPSK	NV	50	-3.5 9	-0.0 02	-2.5	2.5	PAS S
Ban d2	3	18900	15	#0	16QAM	NV	-30	-3.6 5	-0.0 02	-2.5	2.5	PAS S
Ban d2	3	18900	15	#0	16QAM	NV	-20	-3.9 2	-0.0 02	-2.5	2.5	PAS S

Ban d2	3	18900	15	#0	16QAM	NV	-10	-4.3 2	-0.0 02	-2.5	2.5	PAS S
Ban d2	3	18900	15	#0	16QAM	NV	0	-5.3 8	-0.0 03	-2.5	2.5	PAS S
Ban d2	3	18900	15	#0	16QAM	NV	10	-5.1 8	-0.0 03	-2.5	2.5	PAS S
Ban d2	3	18900	15	#0	16QAM	NV	20	-4.0 5	-0.0 02	-2.5	2.5	PAS S
Ban d2	3	18900	15	#0	16QAM	NV	30	-5.1 4	-0.0 03	-2.5	2.5	PAS S
Ban d2	3	18900	15	#0	16QAM	NV	40	-3.4 9	-0.0 02	-2.5	2.5	PAS S
Ban d2	3	18900	15	#0	16QAM	NV	50	-3.0 8	-0.0 02	-2.5	2.5	PAS S
Ban d2	3	19185	15	#0	QPSK	NV	-30	-0.2 9	0.00 0	-2.5	2.5	PAS S
Ban d2	3	19185	15	#0	QPSK	NV	-20	0.17	0.00 0	-2.5	2.5	PAS S
Ban d2	3	19185	15	#0	QPSK	NV	-10	-1.7 7	-0.0 01	-2.5	2.5	PAS S
Ban d2	3	19185	15	#0	QPSK	NV	0	-0.1 9	0.00 0	-2.5	2.5	PAS S
Ban d2	3	19185	15	#0	QPSK	NV	10	-0.4 0	0.00 0	-2.5	2.5	PAS S
Ban d2	3	19185	15	#0	QPSK	NV	20	0.63	0.00 0	-2.5	2.5	PAS S
Ban d2	3	19185	15	#0	QPSK	NV	30	0.44	0.00 0	-2.5	2.5	PAS S
Ban d2	3	19185	15	#0	QPSK	NV	40	-0.2 9	0.00 0	-2.5	2.5	PAS S
Ban d2	3	19185	15	#0	QPSK	NV	50	1.02	0.00 1	-2.5	2.5	PAS S
Ban d2	3	19185	15	#0	16QAM	NV	-30	0.34	0.00 0	-2.5	2.5	PAS S
Ban d2	3	19185	15	#0	16QAM	NV	-20	0.50	0.00 0	-2.5	2.5	PAS S
Ban d2	3	19185	15	#0	16QAM	NV	-10	-0.3 3	0.00 0	-2.5	2.5	PAS S
Ban d2	3	19185	15	#0	16QAM	NV	0	0.54	0.00 0	-2.5	2.5	PAS S
Ban d2	3	19185	15	#0	16QAM	NV	10	0.04	0.00 0	-2.5	2.5	PAS S
Ban d2	3	19185	15	#0	16QAM	NV	20	0.39	0.00 0	-2.5	2.5	PAS S

Ban d2	3	19185	15	#0	16QAM	NV	30	-0.4 6	0.00 0	-2.5	2.5	PAS S
Ban d2	3	19185	15	#0	16QAM	NV	40	0.36	0.00 0	-2.5	2.5	PAS S
Ban d2	3	19185	15	#0	16QAM	NV	50	-1.0 9	-0.0 01	-2.5	2.5	PAS S
Ban d2	5	18625	25	#0	QPSK	NV	-30	-2.6 9	-0.0 01	-2.5	2.5	PAS S
Ban d2	5	18625	25	#0	QPSK	NV	-20	-2.0 5	-0.0 01	-2.5	2.5	PAS S
Ban d2	5	18625	25	#0	QPSK	NV	-10	-2.8 8	-0.0 02	-2.5	2.5	PAS S
Ban d2	5	18625	25	#0	QPSK	NV	0	-2.0 7	-0.0 01	-2.5	2.5	PAS S
Ban d2	5	18625	25	#0	QPSK	NV	10	-1.3 7	-0.0 01	-2.5	2.5	PAS S
Ban d2	5	18625	25	#0	QPSK	NV	20	-2.3 9	-0.0 01	-2.5	2.5	PAS S
Ban d2	5	18625	25	#0	QPSK	NV	30	-2.6 3	-0.0 01	-2.5	2.5	PAS S
Ban d2	5	18625	25	#0	QPSK	NV	40	-2.4 0	-0.0 01	-2.5	2.5	PAS S
Ban d2	5	18625	25	#0	QPSK	NV	50	-2.5 5	-0.0 01	-2.5	2.5	PAS S
Ban d2	5	18625	25	#0	16QAM	NV	-30	-3.4 3	-0.0 02	-2.5	2.5	PAS S
Ban d2	5	18625	25	#0	16QAM	NV	-20	-2.0 2	-0.0 01	-2.5	2.5	PAS S
Ban d2	5	18625	25	#0	16QAM	NV	-10	-3.6 8	-0.0 02	-2.5	2.5	PAS S
Ban d2	5	18625	25	#0	16QAM	NV	0	-2.1 9	-0.0 01	-2.5	2.5	PAS S
Ban d2	5	18625	25	#0	16QAM	NV	10	-2.4 7	-0.0 01	-2.5	2.5	PAS S
Ban d2	5	18625	25	#0	16QAM	NV	20	-2.6 6	-0.0 01	-2.5	2.5	PAS S
Ban d2	5	18625	25	#0	16QAM	NV	30	-2.7 8	-0.0 02	-2.5	2.5	PAS S
Ban d2	5	18625	25	#0	16QAM	NV	40	-1.6 3	-0.0 01	-2.5	2.5	PAS S
Ban d2	5	18625	25	#0	16QAM	NV	50	-3.7 6	-0.0 02	-2.5	2.5	PAS S
Ban d2	5	18900	25	#0	QPSK	NV	-30	-3.9 3	-0.0 02	-2.5	2.5	PAS S

Ban d2	5	18900	25	#0	QPSK	NV	-20	-2.6 8	-0.0 01	-2.5	2.5	PAS S
Ban d2	5	18900	25	#0	QPSK	NV	-10	-3.2 0	-0.0 02	-2.5	2.5	PAS S
Ban d2	5	18900	25	#0	QPSK	NV	0	-3.7 9	-0.0 02	-2.5	2.5	PAS S
Ban d2	5	18900	25	#0	QPSK	NV	10	-4.8 8	-0.0 03	-2.5	2.5	PAS S
Ban d2	5	18900	25	#0	QPSK	NV	20	-3.2 6	-0.0 02	-2.5	2.5	PAS S
Ban d2	5	18900	25	#0	QPSK	NV	30	-2.9 6	-0.0 02	-2.5	2.5	PAS S
Ban d2	5	18900	25	#0	QPSK	NV	40	-3.9 1	-0.0 02	-2.5	2.5	PAS S
Ban d2	5	18900	25	#0	QPSK	NV	50	-3.5 5	-0.0 02	-2.5	2.5	PAS S
Ban d2	5	18900	25	#0	16QAM	NV	-30	-2.7 8	-0.0 01	-2.5	2.5	PAS S
Ban d2	5	18900	25	#0	16QAM	NV	-20	-2.7 9	-0.0 01	-2.5	2.5	PAS S
Ban d2	5	18900	25	#0	16QAM	NV	-10	-4.0 9	-0.0 02	-2.5	2.5	PAS S
Ban d2	5	18900	25	#0	16QAM	NV	0	-3.6 0	-0.0 02	-2.5	2.5	PAS S
Ban d2	5	18900	25	#0	16QAM	NV	10	-4.4 8	-0.0 02	-2.5	2.5	PAS S
Ban d2	5	18900	25	#0	16QAM	NV	20	-3.7 3	-0.0 02	-2.5	2.5	PAS S
Ban d2	5	18900	25	#0	16QAM	NV	30	-2.5 9	-0.0 01	-2.5	2.5	PAS S
Ban d2	5	18900	25	#0	16QAM	NV	40	-3.6 9	-0.0 02	-2.5	2.5	PAS S
Ban d2	5	18900	25	#0	16QAM	NV	50	-3.7 2	-0.0 02	-2.5	2.5	PAS S
Ban d2	5	19175	25	#0	QPSK	NV	-30	0.73	0.00 0	-2.5	2.5	PAS S
Ban d2	5	19175	25	#0	QPSK	NV	-20	0.07	0.00 0	-2.5	2.5	PAS S
Ban d2	5	19175	25	#0	QPSK	NV	-10	-1.8 7	-0.0 01	-2.5	2.5	PAS S
Ban d2	5	19175	25	#0	QPSK	NV	0	-0.11	0.00 0	-2.5	2.5	PAS S
Ban d2	5	19175	25	#0	QPSK	NV	10	-0.5 6	0.00 0	-2.5	2.5	PAS S

Ban d2	5	19175	25	#0	QPSK	NV	20	0.14	0.00 0	-2.5	2.5	PAS S
Ban d2	5	19175	25	#0	QPSK	NV	30	0.50	0.00 0	-2.5	2.5	PAS S
Ban d2	5	19175	25	#0	QPSK	NV	40	-2.0 7	-0.0 01	-2.5	2.5	PAS S
Ban d2	5	19175	25	#0	QPSK	NV	50	0.20	0.00 0	-2.5	2.5	PAS S
Ban d2	5	19175	25	#0	16QAM	NV	-30	-1.6 0	-0.0 01	-2.5	2.5	PAS S
Ban d2	5	19175	25	#0	16QAM	NV	-20	-1.6 9	-0.0 01	-2.5	2.5	PAS S
Ban d2	5	19175	25	#0	16QAM	NV	-10	-0.6 9	0.00 0	-2.5	2.5	PAS S
Ban d2	5	19175	25	#0	16QAM	NV	0	0.17	0.00 0	-2.5	2.5	PAS S
Ban d2	5	19175	25	#0	16QAM	NV	10	-1.1 9	-0.0 01	-2.5	2.5	PAS S
Ban d2	5	19175	25	#0	16QAM	NV	20	-0.2 1	0.00 0	-2.5	2.5	PAS S
Ban d2	5	19175	25	#0	16QAM	NV	30	-2.4 2	-0.0 01	-2.5	2.5	PAS S
Ban d2	5	19175	25	#0	16QAM	NV	40	0.19	0.00 0	-2.5	2.5	PAS S
Ban d2	5	19175	25	#0	16QAM	NV	50	-1.4 4	-0.0 01	-2.5	2.5	PAS S
Ban d2	10	18650	50	#0	QPSK	NV	-30	-4.3 6	-0.0 02	-2.5	2.5	PAS S
Ban d2	10	18650	50	#0	QPSK	NV	-20	-2.9 9	-0.0 02	-2.5	2.5	PAS S
Ban d2	10	18650	50	#0	QPSK	NV	-10	-3.8 9	-0.0 02	-2.5	2.5	PAS S
Ban d2	10	18650	50	#0	QPSK	NV	0	-3.4 6	-0.0 02	-2.5	2.5	PAS S
Ban d2	10	18650	50	#0	QPSK	NV	10	-4.9 1	-0.0 03	-2.5	2.5	PAS S
Ban d2	10	18650	50	#0	QPSK	NV	20	-5.7 5	-0.0 03	-2.5	2.5	PAS S
Ban d2	10	18650	50	#0	QPSK	NV	30	-5.4 1	-0.0 03	-2.5	2.5	PAS S
Ban d2	10	18650	50	#0	QPSK	NV	40	-2.4 9	-0.0 01	-2.5	2.5	PAS S
Ban d2	10	18650	50	#0	QPSK	NV	50	-4.1 8	-0.0 02	-2.5	2.5	PAS S

Ban d2	10	18650	50	#0	16QAM	NV	-30	-3.9 6	-0.0 02	-2.5	2.5	PAS S
Ban d2	10	18650	50	#0	16QAM	NV	-20	-4.4 3	-0.0 02	-2.5	2.5	PAS S
Ban d2	10	18650	50	#0	16QAM	NV	-10	-5.0 4	-0.0 03	-2.5	2.5	PAS S
Ban d2	10	18650	50	#0	16QAM	NV	0	-3.9 6	-0.0 02	-2.5	2.5	PAS S
Ban d2	10	18650	50	#0	16QAM	NV	10	-4.1 8	-0.0 02	-2.5	2.5	PAS S
Ban d2	10	18650	50	#0	16QAM	NV	20	-4.9 4	-0.0 03	-2.5	2.5	PAS S
Ban d2	10	18650	50	#0	16QAM	NV	30	-4.0 1	-0.0 02	-2.5	2.5	PAS S
Ban d2	10	18650	50	#0	16QAM	NV	40	-4.8 1	-0.0 03	-2.5	2.5	PAS S
Ban d2	10	18650	50	#0	16QAM	NV	50	-4.5 9	-0.0 02	-2.5	2.5	PAS S
Ban d2	10	18900	50	#0	QPSK	NV	-30	-3.3 8	-0.0 02	-2.5	2.5	PAS S
Ban d2	10	18900	50	#0	QPSK	NV	-20	-3.9 5	-0.0 02	-2.5	2.5	PAS S
Ban d2	10	18900	50	#0	QPSK	NV	-10	-3.5 8	-0.0 02	-2.5	2.5	PAS S
Ban d2	10	18900	50	#0	QPSK	NV	0	-4.5 6	-0.0 02	-2.5	2.5	PAS S
Ban d2	10	18900	50	#0	QPSK	NV	10	-3.6 8	-0.0 02	-2.5	2.5	PAS S
Ban d2	10	18900	50	#0	QPSK	NV	20	-2.5 6	-0.0 01	-2.5	2.5	PAS S
Ban d2	10	18900	50	#0	QPSK	NV	30	-4.0 8	-0.0 02	-2.5	2.5	PAS S
Ban d2	10	18900	50	#0	QPSK	NV	40	-4.7 5	-0.0 03	-2.5	2.5	PAS S
Ban d2	10	18900	50	#0	QPSK	NV	50	-5.2 8	-0.0 03	-2.5	2.5	PAS S
Ban d2	10	18900	50	#0	16QAM	NV	-30	-3.6 3	-0.0 02	-2.5	2.5	PAS S
Ban d2	10	18900	50	#0	16QAM	NV	-20	-4.0 9	-0.0 02	-2.5	2.5	PAS S
Ban d2	10	18900	50	#0	16QAM	NV	-10	-4.1 6	-0.0 02	-2.5	2.5	PAS S
Ban d2	10	18900	50	#0	16QAM	NV	0	-3.7 3	-0.0 02	-2.5	2.5	PAS S

Ban d2	10	18900	50	#0	16QAM	NV	10	-2.6 0	-0.0 01	-2.5	2.5	PAS S
Ban d2	10	18900	50	#0	16QAM	NV	20	-2.7 9	-0.0 01	-2.5	2.5	PAS S
Ban d2	10	18900	50	#0	16QAM	NV	30	-3.8 6	-0.0 02	-2.5	2.5	PAS S
Ban d2	10	18900	50	#0	16QAM	NV	40	-5.0 6	-0.0 03	-2.5	2.5	PAS S
Ban d2	10	18900	50	#0	16QAM	NV	50	-4.4 9	-0.0 02	-2.5	2.5	PAS S
Ban d2	10	19150	50	#0	QPSK	NV	-30	0.56	0.00 0	-2.5	2.5	PAS S
Ban d2	10	19150	50	#0	QPSK	NV	-20	0.37	0.00 0	-2.5	2.5	PAS S
Ban d2	10	19150	50	#0	QPSK	NV	-10	0.93	0.00 0	-2.5	2.5	PAS S
Ban d2	10	19150	50	#0	QPSK	NV	0	0.67	0.00 0	-2.5	2.5	PAS S
Ban d2	10	19150	50	#0	QPSK	NV	10	0.84	0.00 0	-2.5	2.5	PAS S
Ban d2	10	19150	50	#0	QPSK	NV	20	0.30	0.00 0	-2.5	2.5	PAS S
Ban d2	10	19150	50	#0	QPSK	NV	30	0.23	0.00 0	-2.5	2.5	PAS S
Ban d2	10	19150	50	#0	QPSK	NV	40	1.26	0.00 1	-2.5	2.5	PAS S
Ban d2	10	19150	50	#0	QPSK	NV	50	-0.1 6	0.00 0	-2.5	2.5	PAS S
Ban d2	10	19150	50	#0	16QAM	NV	-30	-0.2 7	0.00 0	-2.5	2.5	PAS S
Ban d2	10	19150	50	#0	16QAM	NV	-20	0.16	0.00 0	-2.5	2.5	PAS S
Ban d2	10	19150	50	#0	16QAM	NV	-10	1.52	0.00 1	-2.5	2.5	PAS S
Ban d2	10	19150	50	#0	16QAM	NV	0	1.50	0.00 1	-2.5	2.5	PAS S
Ban d2	10	19150	50	#0	16QAM	NV	10	1.02	0.00 1	-2.5	2.5	PAS S
Ban d2	10	19150	50	#0	16QAM	NV	20	0.62	0.00 0	-2.5	2.5	PAS S
Ban d2	10	19150	50	#0	16QAM	NV	30	0.94	0.00 0	-2.5	2.5	PAS S
Ban d2	10	19150	50	#0	16QAM	NV	40	1.62	0.00 1	-2.5	2.5	PAS S