Appendix for Band 4

Report No.:	BCTC2310372691-2E
Applicant:	Cube Tracker LLC
Product Name:	CUBE GPS PRO
Model/Type reference:	CUBE GPS PRO
Tested Date:	2023-10-25 to 2023-11-15
Issued Date:	2023-11-17

Shenzhen BCTC Testing Co., Ltd.

Contents

Appendix 1. Conducted output power 3
Appendix 2. Frequency stability 9
Appendix 3. Peak-to-Average Ratio 29
Appendix 4. Occupied bandwidth 48
Appendix 5. Band edge 67
Appendix 6. Out-of-band emissions 80

Appendix 1. Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Verdict
Band4	1.4	19957	1	#0	QPSK	22.44	PASS
Band4	1.4	19957	1	#Mid	QPSK	22.53	PASS
Band4	1.4	19957	1	#Max	QPSK	22.40	PASS
Band4	1.4	19957	3	#0	QPSK	22.46	PASS
Band4	1.4	19957	3	#Mid	QPSK	22.50	PASS
Band4	1.4	19957	3	#Max	QPSK	22.49	PASS
Band4	1.4	19957	6	#0	QPSK	21.55	PASS
Band4	1.4	19957	1	#0	16QAM	21.42	PASS
Band4	1.4	19957	1	#Mid	16QAM	21.55	PASS
Band4	1.4	19957	1	#Max	16QAM	21.33	PASS
Band4	1.4	19957	3	#0	16QAM	21.51	PASS
Band4	1.4	19957	3	#Mid	16QAM	21.60	PASS
Band4	1.4	19957	3	#Max	16QAM	21.63	PASS
Band4	1.4	19957	6	#0	16QAM	20.54	PASS
Band4	1.4	20175	1	#0	QPSK	22.76	PASS
Band4	1.4	20175	1	#Mid	QPSK	23.01	PASS
Band4	1.4	20175	1	#Max	QPSK	22.74	PASS
Band4	1.4	20175	3	#0	QPSK	22.73	PASS
Band4	1.4	20175	3	#Mid	QPSK	22.77	PASS
Band4	1.4	20175	3	#Max	QPSK	22.64	PASS
Band4	1.4	20175	6	#0	QPSK	21.89	PASS
Band4	1.4	20175	1	#0	16QAM	21.58	PASS
Band4	1.4	20175	1	#Mid	16QAM	21.83	PASS
Band4	1.4	20175	1	#Max	16QAM	21.35	PASS
Band4	1.4	20175	3	#0	16QAM	21.79	PASS
Band4	1.4	20175	3	#Mid	16QAM	21.60	PASS
Band4	1.4	20175	3	#Max	16QAM	21.62	PASS
Band4	1.4	20175	6	#0	16QAM	20.62	PASS
Band4	1.4	20393	1	#0	QPSK	22.65	PASS
Band4	1.4	20393	1	#Mid	QPSK	22.83	PASS
Band4	1.4	20393	1	#Max	QPSK	22.72	PASS
Band4	1.4	20393	3	#0	QPSK	22.64	PASS
Band4	1.4	20393	3	#Mid	QPSK	22.73	PASS
Band4	1.4	20393	3	#Max	QPSK	22.64	PASS
Band4	1.4	20393	6	#0	QPSK	21.80	PASS
Band4	1.4	20393	1	#0	16QAM	21.60	PASS
Band4	1.4	20393	1	#Mid	16QAM	21.77	PASS
Band4	1.4	20393	1	#Max	16QAM	21.81	PASS
Band4	1.4	20393	3	#0	16QAM	21.69	PASS
Band4	1.4	20393	3	#Mid	16QAM	21.81	PASS

Band4	1.4	20393	3	#Max	16QAM	21.84	PASS
Band4	1.4	20393	6	#0	16QAM	20.77	PASS
Band4	3	19965	1	#0	QPSK	22.67	PASS
Band4	3	19965	1	#Mid	QPSK	22.78	PASS
Band4	3	19965	1	#Max	QPSK	22.70	PASS
Band4	3	19965	8	#0	QPSK	21.66	PASS
Band4	3	19965	8	#Mid	QPSK	21.63	PASS
Band4	3	19965	8	#Max	QPSK	21.61	PASS
Band4	3	19965	15	#0	QPSK	21.60	PASS
Band4	3	19965	1	#0	16QAM	21.33	PASS
Band4	3	19965	1	#Mid	16QAM	21.49	PASS
Band4	3	19965	1	#Max	16QAM	21.49	PASS
Band4	3	19965	8	#0	16QAM	20.49	PASS
Band4	3	19965	8	#Mid	16QAM	20.43	PASS
Band4	3	19965	8	#Max	16QAM	20.48	PASS
Band4	3	19965	15	#0	16QAM	20.53	PASS
Band4	3	20175	1	#0	QPSK	22.78	PASS
Band4	3	20175	1	#Mid	QPSK	22.89	PASS
Band4	3	20175	1	#Max	QPSK	22.56	PASS
Band4	3	20175	8	#0	QPSK	21.73	PASS
Band4	3	20175	8	#Mid	QPSK	21.69	PASS
Band4	3	20175	8	#Max	QPSK	21.63	PASS
Band4	3	20175	15	#0	QPSK	21.77	PASS
Band4	3	20175	1	#0	16QAM	21.64	PASS
Band4	3	20175	1	#Mid	16QAM	21.74	PASS
Band4	3	20175	1	#Max	16QAM	21.51	PASS
Band4	3	20175	8	#0	16QAM	20.65	PASS
Band4	3	20175	8	#Mid	16QAM	20.73	PASS
Band4	3	20175	8	#Max	16QAM	20.58	PASS
Band4	3	20175	15	#0	16QAM	20.68	PASS
Band4	3	20385	1	#0	QPSK	22.47	PASS
Band4	3	20385	1	#Mid	QPSK	22.60	PASS
Band4	3	20385	1	#Max	QPSK	22.71	PASS
Band4	3	20385	8	#0	QPSK	21.56	PASS
Band4	3	20385	8	#Mid	QPSK	21.52	PASS
Band4	3	20385	8	#Max	QPSK	21.58	PASS
Band4	3	20385	15	#0	QPSK	21.50	PASS
Band4	3	20385	1	#0	16QAM	21.24	PASS
Band4	3	20385	1	#Mid	16QAM	21.57	PASS
Band4	3	20385	1	#Max	16QAM	21.46	PASS
Band4	3	20385	8	#0	16QAM	20.50	PASS
Band4	3	20385	8	#Mid	16QAM	20.59	PASS
Band4	3	20385	8	#Max	16QAM	20.50	PASS
Band4	3	20385	15	#0	16QAM	20.50	PASS

Band4	5	19975	1	#0	QPSK	22.46	PASS
Band4	5	19975	1	#Mid	QPSK	22.63	PASS
Band4	5	19975	1	#Max	QPSK	22.32	PASS
Band4	5	19975	12	#0	QPSK	21.37	PASS
Band4	5	19975	12	#Mid	QPSK	21.43	PASS
Band4	5	19975	12	#Max	QPSK	21.42	PASS
Band4	5	19975	25	#0	QPSK	21.44	PASS
Band4	5	19975	1	#0	16QAM	21.24	PASS
Band4	5	19975	1	#Mid	16QAM	21.44	PASS
Band4	5	19975	1	#Max	16QAM	21.26	PASS
Band4	5	19975	12	#0	16QAM	20.24	PASS
Band4	5	19975	12	#Mid	16QAM	20.24	PASS
Band4	5	19975	12	#Max	16QAM	20.29	PASS
Band4	5	19975	25	#0	16QAM	20.40	PASS
Band4	5	20175	1	#0	QPSK	22.62	PASS
Band4	5	20175	1	#Mid	QPSK	22.79	PASS
Band4	5	20175	1	#Max	QPSK	22.43	PASS
Band4	5	20175	12	#0	QPSK	21.64	PASS
Band4	5	20175	12	#Mid	QPSK	21.66	PASS
Band4	5	20175	12	#Max	QPSK	21.56	PASS
Band4	5	20175	25	#0	QPSK	21.67	PASS
Band4	5	20175	1	#0	16QAM	21.59	PASS
Band4	5	20175	1	#Mid	16QAM	21.63	PASS
Band4	5	20175	1	#Max	16QAM	21.33	PASS
Band4	5	20175	12	#0	16QAM	20.61	PASS
Band4	5	20175	12	#Mid	16QAM	20.53	PASS
Band4	5	20175	12	#Max	16QAM	20.44	PASS
Band4	5	20175	25	#0	16QAM	20.60	PASS
Band4	5	20375	1	#0	QPSK	22.54	PASS
Band4	5	20375	1	#Mid	QPSK	22.57	PASS
Band4	5	20375	1	#Max	QPSK	22.72	PASS
Band4	5	20375	12	#0	QPSK	21.53	PASS
Band4	5	20375	12	#Mid	QPSK	21.58	PASS
Band4	5	20375	12	#Max	QPSK	21.68	PASS
Band4	5	20375	25	#0	QPSK	21.61	PASS
Band4	5	20375	1	#0	16QAM	21.30	PASS
Band4	5	20375	1	#Mid	16QAM	21.55	PASS
Band4	5	20375	1	#Max	16QAM	21.55	PASS
Band4	5	20375	12	#0	16QAM	20.43	PASS
Band4	5	20375	12	#Mid	16QAM	20.47	PASS
Band4	5	20375	12	#Max	16QAM	20.57	PASS
Band4	5	20375	25	#0	16QAM	20.56	PASS
Band4	10	20000	1	#0	QPSK	22.67	PASS
Band4	10	20000	1	#Mid	QPSK	22.70	PASS

Band4	10	20000	1	#Max	QPSK	22.78	PASS
Band4	10	20000	25	#0	QPSK	21.51	PASS
Band4	10	20000	25	#Mid	QPSK	21.58	PASS
Band4	10	20000	25	#Max	QPSK	21.57	PASS
Band4	10	20000	50	#0	QPSK	21.51	PASS
Band4	10	20000	1	#0	16QAM	21.21	PASS
Band4	10	20000	1	#Mid	16QAM	21.51	PASS
Band4	10	20000	1	#Max	16QAM	21.37	PASS
Band4	10	20000	25	#0	16QAM	20.39	PASS
Band4	10	20000	25	#Mid	16QAM	20.42	PASS
Band4	10	20000	25	#Max	16QAM	20.50	PASS
Band4	10	20000	50	#0	16QAM	20.50	PASS
Band4	10	20175	1	#0	QPSK	22.50	PASS
Band4	10	20175	1	#Mid	QPSK	22.52	PASS
Band4	10	20175	1	#Max	QPSK	22.39	PASS
Band4	10	20175	25	#0	QPSK	21.65	PASS
Band4	10	20175	25	#Mid	QPSK	21.58	PASS
Band4	10	20175	25	#Max	QPSK	21.41	PASS
Band4	10	20175	50	#0	QPSK	21.58	PASS
Band4	10	20175	1	#0	16QAM	21.32	PASS
Band4	10	20175	1	#Mid	16QAM	21.49	PASS
Band4	10	20175	1	#Max	16QAM	21.29	PASS
Band4	10	20175	25	#0	16QAM	20.55	PASS
Band4	10	20175	25	#Mid	16QAM	20.57	PASS
Band4	10	20175	25	#Max	16QAM	20.46	PASS
Band4	10	20175	50	#0	16QAM	20.58	PASS
Band4	10	20350	1	#0	QPSK	22.54	PASS
Band4	10	20350	1	#Mid	QPSK	22.57	PASS
Band4	10	20350	1	#Max	QPSK	22.74	PASS
Band4	10	20350	25	#0	QPSK	21.57	PASS
Band4	10	20350	25	#Mid	QPSK	21.50	PASS
Band4	10	20350	25	#Max	QPSK	21.42	PASS
Band4	10	20350	50	#0	QPSK	21.41	PASS
Band4	10	20350	1	#0	16QAM	21.37	PASS
Band4	10	20350	1	#Mid	16QAM	21.55	PASS
Band4	10	20350	1	#Max	16QAM	21.43	PASS
Band4	10	20350	25	#0	16QAM	20.52	PASS
Band4	10	20350	25	#Mid	16QAM	20.45	PASS
Band4	10	20350	25	#Max	16QAM	20.45	PASS
Band4	10	20350	50	#0	16QAM	20.47	PASS
Band4	15	20025	1	#0	QPSK	22.61	PASS
Band4	15	20025	1	#Mid	QPSK	22.88	PASS
Band4	15	20025	1	#Max	QPSK	22.78	PASS
Band4	15	20025	36	#0	QPSK	21.41	PASS

Band4	15	20025	36	#Mid	QPSK	21.52	PASS
Band4	15	20025	36	#Max	QPSK	21.57	PASS
Band4	15	20025	75	#0	QPSK	21.34	PASS
Band4	15	20025	1	#0	16QAM	21.32	PASS
Band4	15	20025	1	#Mid	16QAM	21.56	PASS
Band4	15	20025	1	#Max	16QAM	21.43	PASS
Band4	15	20025	36	#0	16QAM	20.34	PASS
Band4	15	20025	36	#Mid	16QAM	20.35	PASS
Band4	15	20025	36	#Max	16QAM	20.50	PASS
Band4	15	20025	75	#0	16QAM	20.35	PASS
Band4	15	20175	1	#0	QPSK	22.49	PASS
Band4	15	20175	1	#Mid	QPSK	22.57	PASS
Band4	15	20175	1	#Max	QPSK	22.25	PASS
Band4	15	20175	36	#0	QPSK	21.45	PASS
Band4	15	20175	36	#Mid	QPSK	21.50	PASS
Band4	15	20175	36	#Max	QPSK	21.29	PASS
Band4	15	20175	75	#0	QPSK	21.46	PASS
Band4	15	20175	1	#0	16QAM	21.33	PASS
Band4	15	20175	1	#Mid	16QAM	21.59	PASS
Band4	15	20175	1	#Max	16QAM	21.44	PASS
Band4	15	20175	36	#0	16QAM	20.53	PASS
Band4	15	20175	36	#Mid	16QAM	20.51	PASS
Band4	15	20175	36	#Max	16QAM	20.35	PASS
Band4	15	20175	75	#0	16QAM	20.48	PASS
Band4	15	20325	1	#0	QPSK	22.35	PASS
Band4	15	20325	1	#Mid	QPSK	22.59	PASS
Band4	15	20325	1	#Max	QPSK	22.35	PASS
Band4	15	20325	36	#0	QPSK	21.44	PASS
Band4	15	20325	36	#Mid	QPSK	21.45	PASS
Band4	15	20325	36	#Max	QPSK	21.37	PASS
Band4	15	20325	75	#0	QPSK	21.46	PASS
Band4	15	20325	1	#0	16QAM	21.50	PASS
Band4	15	20325	1	#Mid	16QAM	21.47	PASS
Band4	15	20325	1	#Max	16QAM	21.49	PASS
Band4	15	20325	36	#0	16QAM	20.43	PASS
Band4	15	20325	36	#Mid	16QAM	20.45	PASS
Band4	15	20325	36	#Max	16QAM	20.40	PASS
Band4	15	20325	75	#0	16QAM	20.46	PASS
Band4	20	20050	1	#0	QPSK	22.49	PASS
Band4	20	20050	1	#Mid	QPSK	22.84	PASS
Band4	20	20050	1	#Max	QPSK	22.73	PASS
Band4	20	20050	50	#0	QPSK	21.61	PASS
Band4	20	20050	50	#Mid	QPSK	21.63	PASS
Band4	20	20050	50	#Max	QPSK	21.72	PASS

Band4	20	20050	100	#0	QPSK	21.64	PASS
Band4	20	20050	1	#0	16QAM	21.32	PASS
Band4	20	20050	1	#Mid	16QAM	21.66	PASS
Band4	20	20050	1	#Max	16QAM	21.40	PASS
Band4	20	20050	50	#0	16QAM	20.49	PASS
Band4	20	20050	50	#Mid	16QAM	20.57	PASS
Band4	20	20050	50	#Max	16QAM	20.68	PASS
Band4	20	20050	100	#0	16QAM	20.52	PASS
Band4	20	20175	1	#0	QPSK	22.66	PASS
Band4	20	20175	1	#Mid	QPSK	22.66	PASS
Band4	20	20175	1	#Max	QPSK	22.45	PASS
Band4	20	20175	50	#0	QPSK	21.66	PASS
Band4	20	20175	50	#Mid	QPSK	21.58	PASS
Band4	20	20175	50	#Max	QPSK	21.47	PASS
Band4	20	20175	100	#0	QPSK	21.50	PASS
Band4	20	20175	1	#0	16QAM	21.43	PASS
Band4	20	20175	1	#Mid	16QAM	21.57	PASS
Band4	20	20175	1	#Max	16QAM	21.56	PASS
Band4	20	20175	50	#0	16QAM	20.61	PASS
Band4	20	20175	50	#Mid	16QAM	20.54	PASS
Band4	20	20175	50	#Max	16QAM	20.50	PASS
Band4	20	20175	100	#0	16QAM	20.60	PASS
Band4	20	20300	1	#0	QPSK	22.77	PASS
Band4	20	20300	1	#Mid	QPSK	22.58	PASS
Band4	20	20300	1	#Max	QPSK	22.56	PASS
Band4	20	20300	50	#0	QPSK	21.43	PASS
Band4	20	20300	50	#Mid	QPSK	21.47	PASS
Band4	20	20300	50	#Max	QPSK	21.28	PASS
Band4	20	20300	100	#0	QPSK	21.39	PASS
Band4	20	20300	1	#0	16QAM	21.24	PASS
Band4	20	20300	1	#Mid	16QAM	21.24	PASS
Band4	20	20300	1	#Max	16QAM	21.27	PASS
Band4	20	20300	50	#0	16QAM	20.43	PASS
Band4	20	20300	50	#Mid	16QAM	20.43	PASS
Band4	20	20300	50	#Max	16QAM	20.38	PASS
Band4	20	20300	100	#0	16QAM	20.45	PASS

Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band4	1.4	19957	6	#0	QPSK	LV	NT	-1.40	-0.001	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	QPSK	NV	NT	1.80	0.001	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	QPSK	HV	NT	-3.03	-0.002	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	16QAM	LV	NT	-7.37	-0.004	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	16QAM	NV	NT	-7.65	-0.004	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	16QAM	HV	NT	-7.44	-0.004	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	QPSK	LV	NT	-3.72	-0.002	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	QPSK	NV	NT	-5.21	-0.003	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	QPSK	HV	NT	4.12	0.002	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	16QAM	LV	NT	-0.23	0.000	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	16QAM	NV	NT	-5.16	-0.003	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	16QAM	HV	NT	-4.09	-0.002	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	QPSK	LV	NT	-4.51	-0.003	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	QPSK	NV	NT	-4.68	-0.003	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	QPSK	HV	NT	-6.04	-0.003	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	16QAM	LV	NT	3.86	0.002	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	16QAM	NV	NT	1.89	0.001	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	16QAM	HV	NT	-0.76	0.000	-2.5	2.5	PASS

Band4	3	19965	15	#0	QPSK	LV	NT	4.89	0.003	-2.5	2.5	PASS
Band4	3	19965	15	#0	QPSK	NV	NT	5.21	0.003	-2.5	2.5	PASS
Band4	3	19965	15	#0	QPSK	HV	NT	3.71	0.002	-2.5	2.5	PASS
Band4	3	19965	15	#0	16QAM	LV	NT	9.48	0.006	-2.5	2.5	PASS
Band4	3	19965	15	#0	16QAM	NV	NT	4.91	0.003	-2.5	2.5	PASS
Band4	3	19965	15	#0	16QAM	HV	NT	1.09	0.001	-2.5	2.5	PASS
Band4	3	20175	15	#0	QPSK	LV	NT	-1.53	-0.001	-2.5	2.5	PASS
Band4	3	20175	15	#0	QPSK	NV	NT	-3.91	-0.002	-2.5	2.5	PASS
Band4	3	20175	15	#0	QPSK	HV	NT	-2.43	-0.001	-2.5	2.5	PASS
Band4	3	20175	15	#0	16QAM	LV	NT	-5.22	-0.003	-2.5	2.5	PASS
Band4	3	20175	15	#0	16QAM	NV	NT	-2.43	-0.001	-2.5	2.5	PASS
Band4	3	20175	15	#0	16QAM	HV	NT	-8.50	-0.005	-2.5	2.5	PASS
Band4	3	20385	15	#0	QPSK	LV	NT	-3.63	-0.002	-2.5	2.5	PASS
Band4	3	20385	15	#0	QPSK	NV	NT	3.55	0.002	-2.5	2.5	PASS
Band4	3	20385	15	#0	QPSK	HV	NT	6.81	0.004	-2.5	2.5	PASS
Band4	3	20385	15	#0	16QAM	LV	NT	2.39	0.001	-2.5	2.5	PASS
Band4	3	20385	15	#0	16QAM	NV	NT	-1.32	-0.001	-2.5	2.5	PASS
Band4	3	20385	15	#0	16QAM	HV	NT	-4.63	-0.003	-2.5	2.5	PASS
Band4	5	19975	25	#0	QPSK	LV	NT	1.66	0.001	-2.5	2.5	PASS
Band4	5	19975	25	#0	QPSK	NV	NT	3.05	0.002	-2.5	2.5	PASS
Band4	5	19975	25	#0	QPSK	HV	NT	2.49	0.001	-2.5	2.5	PASS
Band4	5	19975	25	#0	16QAM	LV	NT	4.23	0.002	-2.5	2.5	PASS

Band4	5	19975	25	#0	16QAM	NV	NT	4.63	0.003	-2.5	2.5	PASS
Band4	5	19975	25	#0	16QAM	HV	NT	5.41	0.003	-2.5	2.5	PASS
Band4	5	20175	25	#0	QPSK	LV	NT	3.33	0.002	-2.5	2.5	PASS
Band4	5	20175	25	#0	QPSK	NV	NT	9.08	0.005	-2.5	2.5	PASS
Band4	5	20175	25	#0	QPSK	HV	NT	0.07	0.000	-2.5	2.5	PASS
Band4	5	20175	25	#0	16QAM	LV	NT	17.61	0.010	-2.5	2.5	PASS
Band4	5	20175	25	#0	16QAM	NV	NT	6.49	0.004	-2.5	2.5	PASS
Band4	5	20175	25	#0	16QAM	HV	NT	6.19	0.004	-2.5	2.5	PASS
Band4	5	20375	25	#0	QPSK	LV	NT	-4.25	-0.002	-2.5	2.5	PASS
Band4	5	20375	25	#0	QPSK	NV	NT	-2.52	-0.001	-2.5	2.5	PASS
Band4	5	20375	25	#0	QPSK	HV	NT	6.55	0.004	-2.5	2.5	PASS
Band4	5	20375	25	#0	16QAM	LV	NT	0.33	0.000	-2.5	2.5	PASS
Band4	5	20375	25	#0	16QAM	NV	NT	0.29	0.000	-2.5	2.5	PASS
Band4	5	20375	25	#0	16QAM	HV	NT	-0.51	0.000	-2.5	2.5	PASS
Band4	10	20000	50	#0	QPSK	LV	NT	4.59	0.003	-2.5	2.5	PASS
Band4	10	20000	50	#0	QPSK	NV	NT	8.13	0.005	-2.5	2.5	PASS
Band4	10	20000	50	#0	QPSK	HV	NT	6.31	0.004	-2.5	2.5	PASS
Band4	10	20000	50	#0	16QAM	LV	NT	3.19	0.002	-2.5	2.5	PASS
Band4	10	20000	50	#0	16QAM	NV	NT	5.91	0.003	-2.5	2.5	PASS
Band4	10	20000	50	#0	16QAM	HV	NT	-0.83	0.000	-2.5	2.5	PASS
Band4	10	20175	50	#0	QPSK	LV	NT	0.70	0.000	-2.5	2.5	PASS
Band4	10	20175	50	#0	QPSK	NV	NT	1.17	0.001	-2.5	2.5	PASS

Band4	10	20175	50	#0	QPSK	HV	NT	0.41	0.000	-2.5	2.5	PASS
Band4	10	20175	50	#0	16QAM	LV	NT	2.03	0.001	-2.5	2.5	PASS
Band4	10	20175	50	#0	16QAM	NV	NT	3.29	0.002	-2.5	2.5	PASS
Band4	10	20175	50	#0	16QAM	HV	NT	0.43	0.000	-2.5	2.5	PASS
Band4	10	20350	50	#0	QPSK	LV	NT	2.80	0.002	-2.5	2.5	PASS
Band4	10	20350	50	#0	QPSK	NV	NT	2.96	0.002	-2.5	2.5	PASS
Band4	10	20350	50	#0	QPSK	HV	NT	6.57	0.004	-2.5	2.5	PASS
Band4	10	20350	50	#0	16QAM	LV	NT	4.91	0.003	-2.5	2.5	PASS
Band4	10	20350	50	#0	16QAM	NV	NT	4.98	0.003	-2.5	2.5	PASS
Band4	10	20350	50	#0	16QAM	HV	NT	2.35	0.001	-2.5	2.5	PASS
Band4	15	20025	75	#0	QPSK	LV	NT	3.28	0.002	-2.5	2.5	PASS
Band4	15	20025	75	#0	QPSK	NV	NT	0.66	0.000	-2.5	2.5	PASS
Band4	15	20025	75	#0	QPSK	HV	NT	0.31	0.000	-2.5	2.5	PASS
Band4	15	20025	75	#0	16QAM	LV	NT	3.08	0.002	-2.5	2.5	PASS
Band4	15	20025	75	#0	16QAM	NV	NT	1.17	0.001	-2.5	2.5	PASS
Band4	15	20025	75	#0	16QAM	HV	NT	1.52	0.001	-2.5	2.5	PASS
Band4	15	20175	75	#0	QPSK	LV	NT	2.40	0.001	-2.5	2.5	PASS
Band4	15	20175	75	#0	QPSK	NV	NT	3.02	0.002	-2.5	2.5	PASS
Band4	15	20175	75	#0	QPSK	HV	NT	2.65	0.002	-2.5	2.5	PASS
Band4	15	20175	75	#0	16QAM	LV	NT	1.52	0.001	-2.5	2.5	PASS
Band4	15	20175	75	#0	16QAM	NV	NT	2.02	0.001	-2.5	2.5	PASS
Band4	15	20175	75	#0	16QAM	HV	NT	3.26	0.002	-2.5	2.5	PASS

Band4	15	20325	75	#0	QPSK	LV	NT	2.52	0.001	-2.5	2.5	PASS
Band4	15	20325	75	#0	QPSK	NV	NT	2.45	0.001	-2.5	2.5	PASS
Band4	15	20325	75	#0	QPSK	HV	NT	0.26	0.000	-2.5	2.5	PASS
Band4	15	20325	75	#0	16QAM	LV	NT	1.50	0.001	-2.5	2.5	PASS
Band4	15	20325	75	#0	16QAM	NV	NT	2.42	0.001	-2.5	2.5	PASS
Band4	15	20325	75	#0	16QAM	HV	NT	0.90	0.001	-2.5	2.5	PASS
Band4	20	20050	100	#0	QPSK	LV	NT	4.79	0.003	-2.5	2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	NT	1.46	0.001	-2.5	2.5	PASS
Band4	20	20050	100	#0	QPSK	HV	NT	5.09	0.003	-2.5	2.5	PASS
Band4	20	20050	100	#0	16QAM	LV	NT	3.81	0.002	-2.5	2.5	PASS
Band4	20	20050	100	#0	16QAM	NV	NT	3.10	0.002	-2.5	2.5	PASS
Band4	20	20050	100	#0	16QAM	HV	NT	-1.36	-0.001	-2.5	2.5	PASS
Band4	20	20175	100	#0	QPSK	LV	NT	2.05	0.001	-2.5	2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	NT	3.33	0.002	-2.5	2.5	PASS
Band4	20	20175	100	#0	QPSK	HV	NT	4.99	0.003	-2.5	2.5	PASS
Band4	20	20175	100	#0	16QAM	LV	NT	4.33	0.002	-2.5	2.5	PASS
Band4	20	20175	100	#0	16QAM	NV	NT	4.79	0.003	-2.5	2.5	PASS
Band4	20	20175	100	#0	16QAM	HV	NT	5.29	0.003	-2.5	2.5	PASS
Band4	20	20300	100	#0	QPSK	LV	NT	3.92	0.002	-2.5	2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	NT	4.71	0.003	-2.5	2.5	PASS
Band4	20	20300	100	#0	QPSK	HV	NT	4.52	0.003	-2.5	2.5	PASS
Band4	20	20300	100	#0	16QAM	LV	NT	4.49	0.003	-2.5	2.5	PASS

Band4	20	20300	100	#0	16QAM	NV	NT	4.96	0.003	-2.5	2.5	PASS
Band4	20	20300	100	#0	16QAM	HV	NT	4.53	0.003	-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
Band4	1.4	19957	6	#0	QPSK	NV	-30	2.02	0.001	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	QPSK	NV	-20	1.57	0.001	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	QPSK	NV	-10	1.56	0.001	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	QPSK	NV	0	0.33	0.000	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	QPSK	NV	10	-0.09	0.000	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	QPSK	NV	20	0.00	0.000	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	QPSK	NV	30	0.51	0.000	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	QPSK	NV	40	-0.06	0.000	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	QPSK	NV	50	-0.04	0.000	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	16QAM	NV	-30	0.23	0.000	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	16QAM	NV	-20	0.21	0.000	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	16QAM	NV	-10	0.41	0.000	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	16QAM	NV	0	1.04	0.001	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	16QAM	NV	10	0.89	0.001	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	16QAM	NV	20	2.76	0.002	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	16QAM	NV	30	1.65	0.001	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	16QAM	NV	40	-0.24	0.000	-2.5	2.5	PASS

Band4	1.4	19957	6	#0	16QAM	NV	50	0.73	0.000	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	QPSK	NV	-30	-0.33	0.000	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	QPSK	NV	-20	0.53	0.000	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	QPSK	NV	-10	-0.82	0.000	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	QPSK	NV	0	-0.56	0.000	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	QPSK	NV	10	0.72	0.000	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	QPSK	NV	20	0.37	0.000	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	QPSK	NV	30	-0.04	0.000	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	QPSK	NV	40	0.43	0.000	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	QPSK	NV	50	-0.29	0.000	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	16QAM	NV	-30	0.21	0.000	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	16QAM	NV	-20	0.34	0.000	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	16QAM	NV	-10	-0.41	0.000	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	16QAM	NV	0	1.39	0.001	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	16QAM	NV	10	0.72	0.000	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	16QAM	NV	20	-0.14	0.000	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	16QAM	NV	30	-0.31	0.000	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	16QAM	NV	40	0.57	0.000	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	16QAM	NV	50	-0.31	0.000	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	QPSK	NV	-30	-3.89	-0.002	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	QPSK	NV	-20	-2.72	-0.002	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	QPSK	NV	-10	-2.50	-0.001	-2.5	2.5	PASS

Band4	1.4	20393	6	#0	QPSK	NV	0	-3.10	-0.002	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	QPSK	NV	10	-3.43	-0.002	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	QPSK	NV	20	-3.48	-0.002	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	QPSK	NV	30	-4.12	-0.002	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	QPSK	NV	40	-4.19	-0.002	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	QPSK	NV	50	-2.57	-0.001	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	16QAM	NV	-30	-2.80	-0.002	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	16QAM	NV	-20	-2.99	-0.002	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	16QAM	NV	-10	-2.17	-0.001	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	16QAM	NV	0	-4.02	-0.002	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	16QAM	NV	10	-3.95	-0.002	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	16QAM	NV	20	-3.26	-0.002	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	16QAM	NV	30	-3.43	-0.002	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	16QAM	NV	40	-2.27	-0.001	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	16QAM	NV	50	-3.95	-0.002	-2.5	2.5	PASS
Band4	3	19965	15	#0	QPSK	NV	-30	0.57	0.000	-2.5	2.5	PASS
Band4	3	19965	15	#0	QPSK	NV	-20	0.54	0.000	-2.5	2.5	PASS
Band4	3	19965	15	#0	QPSK	NV	-10	0.13	0.000	-2.5	2.5	PASS
Band4	3	19965	15	#0	QPSK	NV	0	-0.06	0.000	-2.5	2.5	PASS
Band4	3	19965	15	#0	QPSK	NV	10	0.26	0.000	-2.5	2.5	PASS
Band4	3	19965	15	#0	QPSK	NV	20	-0.46	0.000	-2.5	2.5	PASS
Band4	3	19965	15	#0	QPSK	NV	30	0.00	0.000	-2.5	2.5	PASS

Band4	3	19965	15	#0	QPSK	NV	40	-0.29	0.000	-2.5	2.5	PASS
Band4	3	19965	15	#0	QPSK	NV	50	-0.27	0.000	-2.5	2.5	PASS
Band4	3	19965	15	#0	16QAM	NV	-30	-0.07	0.000	-2.5	2.5	PASS
Band4	3	19965	15	#0	16QAM	NV	-20	1.13	0.001	-2.5	2.5	PASS
Band4	3	19965	15	#0	16QAM	NV	-10	-0.80	0.000	-2.5	2.5	PASS
Band4	3	19965	15	#0	16QAM	NV	0	-0.26	0.000	-2.5	2.5	PASS
Band4	3	19965	15	#0	16QAM	NV	10	0.39	0.000	-2.5	2.5	PASS
Band4	3	19965	15	#0	16QAM	NV	20	1.32	0.001	-2.5	2.5	PASS
Band4	3	19965	15	#0	16QAM	NV	30	-0.77	0.000	-2.5	2.5	PASS
Band4	3	19965	15	#0	16QAM	NV	40	-1.06	-0.001	-2.5	2.5	PASS
Band4	3	19965	15	#0	16QAM	NV	50	0.63	0.000	-2.5	2.5	PASS
Band4	3	20175	15	#0	QPSK	NV	-30	-1.04	-0.001	-2.5	2.5	PASS
Band4	3	20175	15	#0	QPSK	NV	-20	0.14	0.000	-2.5	2.5	PASS
Band4	3	20175	15	#0	QPSK	NV	-10	0.67	0.000	-2.5	2.5	PASS
Band4	3	20175	15	#0	QPSK	NV	0	-0.11	0.000	-2.5	2.5	PASS
Band4	3	20175	15	#0	QPSK	NV	10	-0.11	0.000	-2.5	2.5	PASS
Band4	3	20175	15	#0	QPSK	NV	20	-0.41	0.000	-2.5	2.5	PASS
Band4	3	20175	15	#0	QPSK	NV	30	0.29	0.000	-2.5	2.5	PASS
Band4	3	20175	15	#0	QPSK	NV	40	-0.53	0.000	-2.5	2.5	PASS
Band4	3	20175	15	#0	QPSK	NV	50	0.01	0.000	-2.5	2.5	PASS
Band4	3	20175	15	#0	16QAM	NV	-30	1.07	0.001	-2.5	2.5	PASS
Band4	3	20175	15	#0	16QAM	NV	-20	1.06	0.001	-2.5	2.5	PASS

Band4	3	20175	15	#0	16QAM	NV	-10	0.44	0.000	-2.5	2.5	PASS
Band4	3	20175	15	#0	16QAM	NV	0	-0.96	-0.001	-2.5	2.5	PASS
Band4	3	20175	15	#0	16QAM	NV	10	-0.06	0.000	-2.5	2.5	PASS
Band4	3	20175	15	#0	16QAM	NV	20	0.80	0.000	-2.5	2.5	PASS
Band4	3	20175	15	#0	16QAM	NV	30	0.49	0.000	-2.5	2.5	PASS
Band4	3	20175	15	#0	16QAM	NV	40	0.27	0.000	-2.5	2.5	PASS
Band4	3	20175	15	#0	16QAM	NV	50	0.06	0.000	-2.5	2.5	PASS
Band4	3	20385	15	#0	QPSK	NV	-30	1.60	0.001	-2.5	2.5	PASS
Band4	3	20385	15	#0	QPSK	NV	-20	-0.19	0.000	-2.5	2.5	PASS
Band4	3	20385	15	#0	QPSK	NV	-10	-0.31	0.000	-2.5	2.5	PASS
Band4	3	20385	15	#0	QPSK	NV	0	0.26	0.000	-2.5	2.5	PASS
Band4	3	20385	15	#0	QPSK	NV	10	0.19	0.000	-2.5	2.5	PASS
Band4	3	20385	15	#0	QPSK	NV	20	-0.96	-0.001	-2.5	2.5	PASS
Band4	3	20385	15	#0	QPSK	NV	30	0.63	0.000	-2.5	2.5	PASS
Band4	3	20385	15	#0	QPSK	NV	40	0.99	0.001	-2.5	2.5	PASS
Band4	3	20385	15	#0	QPSK	NV	50	1.79	0.001	-2.5	2.5	PASS
Band4	3	20385	15	#0	16QAM	NV	-30	0.39	0.000	-2.5	2.5	PASS
Band4	3	20385	15	#0	16QAM	NV	-20	-1.97	-0.001	-2.5	2.5	PASS
Band4	3	20385	15	#0	16QAM	NV	-10	-0.82	0.000	-2.5	2.5	PASS
Band4	3	20385	15	#0	16QAM	NV	0	1.04	0.001	-2.5	2.5	PASS
Band4	3	20385	15	#0	16QAM	NV	10	-0.73	0.000	-2.5	2.5	PASS
Band4	3	20385	15	#0	16QAM	NV	20	-0.74	0.000	-2.5	2.5	PASS

Band4	3	20385	15	#0	16QAM	NV	30	-0.67	0.000	-2.5	2.5	PASS
Band4	3	20385	15	#0	16QAM	NV	40	-1.50	-0.001	-2.5	2.5	PASS
Band4	3	20385	15	#0	16QAM	NV	50	1.99	0.001	-2.5	2.5	PASS
Band4	5	19975	25	#0	QPSK	NV	-30	2.32	0.001	-2.5	2.5	PASS
Band4	5	19975	25	#0	QPSK	NV	-20	2.03	0.001	-2.5	2.5	PASS
Band4	5	19975	25	#0	QPSK	NV	-10	2.83	0.002	-2.5	2.5	PASS
Band4	5	19975	25	#0	QPSK	NV	0	1.73	0.001	-2.5	2.5	PASS
Band4	5	19975	25	#0	QPSK	NV	10	2.30	0.001	-2.5	2.5	PASS
Band4	5	19975	25	#0	QPSK	NV	20	1.69	0.001	-2.5	2.5	PASS
Band4	5	19975	25	#0	QPSK	NV	30	1.07	0.001	-2.5	2.5	PASS
Band4	5	19975	25	#0	QPSK	NV	40	0.23	0.000	-2.5	2.5	PASS
Band4	5	19975	25	#0	QPSK	NV	50	0.70	0.000	-2.5	2.5	PASS
Band4	5	19975	25	#0	16QAM	NV	-30	2.50	0.001	-2.5	2.5	PASS
Band4	5	19975	25	#0	16QAM	NV	-20	1.37	0.001	-2.5	2.5	PASS
Band4	5	19975	25	#0	16QAM	NV	-10	0.33	0.000	-2.5	2.5	PASS
Band4	5	19975	25	#0	16QAM	NV	0	1.30	0.001	-2.5	2.5	PASS
Band4	5	19975	25	#0	16QAM	NV	10	1.23	0.001	-2.5	2.5	PASS
Band4	5	19975	25	#0	16QAM	NV	20	1.65	0.001	-2.5	2.5	PASS
Band4	5	19975	25	#0	16QAM	NV	30	1.65	0.001	-2.5	2.5	PASS
Band4	5	19975	25	#0	16QAM	NV	40	2.63	0.002	-2.5	2.5	PASS
Band4	5	19975	25	#0	16QAM	NV	50	2.33	0.001	-2.5	2.5	PASS
Band4	5	20175	25	#0	QPSK	NV	-30	0.00	0.000	-2.5	2.5	PASS

Band4	5	20175	25	#0	QPSK	NV	-20	-0.47	0.000	-2.5	2.5	PASS
Band4	5	20175	25	#0	QPSK	NV	-10	-0.10	0.000	-2.5	2.5	PASS
Band4	5	20175	25	#0	QPSK	NV	0	-0.49	0.000	-2.5	2.5	PASS
Band4	5	20175	25	#0	QPSK	NV	10	-0.13	0.000	-2.5	2.5	PASS
Band4	5	20175	25	#0	QPSK	NV	20	0.37	0.000	-2.5	2.5	PASS
Band4	5	20175	25	#0	QPSK	NV	30	-0.33	0.000	-2.5	2.5	PASS
Band4	5	20175	25	#0	QPSK	NV	40	-0.01	0.000	-2.5	2.5	PASS
Band4	5	20175	25	#0	QPSK	NV	50	-0.62	0.000	-2.5	2.5	PASS
Band4	5	20175	25	#0	16QAM	NV	-30	-0.63	0.000	-2.5	2.5	PASS
Band4	5	20175	25	#0	16QAM	NV	-20	-0.01	0.000	-2.5	2.5	PASS
Band4	5	20175	25	#0	16QAM	NV	-10	0.03	0.000	-2.5	2.5	PASS
Band4	5	20175	25	#0	16QAM	NV	0	0.64	0.000	-2.5	2.5	PASS
Band4	5	20175	25	#0	16QAM	NV	10	-0.87	-0.001	-2.5	2.5	PASS
Band4	5	20175	25	#0	16QAM	NV	20	0.94	0.001	-2.5	2.5	PASS
Band4	5	20175	25	#0	16QAM	NV	30	0.04	0.000	-2.5	2.5	PASS
Band4	5	20175	25	#0	16QAM	NV	40	0.34	0.000	-2.5	2.5	PASS
Band4	5	20175	25	#0	16QAM	NV	50	0.84	0.000	-2.5	2.5	PASS
Band4	5	20375	25	#0	QPSK	NV	-30	-1.60	-0.001	-2.5	2.5	PASS
Band4	5	20375	25	#0	QPSK	NV	-20	-3.03	-0.002	-2.5	2.5	PASS
Band4	5	20375	25	#0	QPSK	NV	-10	-1.77	-0.001	-2.5	2.5	PASS
Band4	5	20375	25	#0	QPSK	NV	0	-1.89	-0.001	-2.5	2.5	PASS
Band4	5	20375	25	#0	QPSK	NV	10	-1.85	-0.001	-2.5	2.5	PASS

Band4	5	20375	25	#0	QPSK	NV	20	-3.30	-0.002	-2.5	2.5	PASS
Band4	5	20375	25	#0	QPSK	NV	30	-3.82	-0.002	-2.5	2.5	PASS
Band4	5	20375	25	#0	QPSK	NV	40	-3.85	-0.002	-2.5	2.5	PASS
Band4	5	20375	25	#0	QPSK	NV	50	-4.36	-0.002	-2.5	2.5	PASS
Band4	5	20375	25	#0	16QAM	NV	-30	-3.25	-0.002	-2.5	2.5	PASS
Band4	5	20375	25	#0	16QAM	NV	-20	-1.80	-0.001	-2.5	2.5	PASS
Band4	5	20375	25	#0	16QAM	NV	-10	-3.13	-0.002	-2.5	2.5	PASS
Band4	5	20375	25	#0	16QAM	NV	0	-2.92	-0.002	-2.5	2.5	PASS
Band4	5	20375	25	#0	16QAM	NV	10	-2.53	-0.001	-2.5	2.5	PASS
Band4	5	20375	25	#0	16QAM	NV	20	-4.22	-0.002	-2.5	2.5	PASS
Band4	5	20375	25	#0	16QAM	NV	30	-3.58	-0.002	-2.5	2.5	PASS
Band4	5	20375	25	#0	16QAM	NV	40	-4.13	-0.002	-2.5	2.5	PASS
Band4	5	20375	25	#0	16QAM	NV	50	-2.46	-0.001	-2.5	2.5	PASS
Band4	10	20000	50	#0	QPSK	NV	-30	-1.62	-0.001	-2.5	2.5	PASS
Band4	10	20000	50	#0	QPSK	NV	-20	-1.14	-0.001	-2.5	2.5	PASS
Band4	10	20000	50	#0	QPSK	NV	-10	-4.16	-0.002	-2.5	2.5	PASS
Band4	10	20000	50	#0	QPSK	NV	0	-3.58	-0.002	-2.5	2.5	PASS
Band4	10	20000	50	#0	QPSK	NV	10	-1.24	-0.001	-2.5	2.5	PASS
Band4	10	20000	50	#0	QPSK	NV	20	-4.21	-0.002	-2.5	2.5	PASS
Band4	10	20000	50	#0	QPSK	NV	30	-2.88	-0.002	-2.5	2.5	PASS
Band4	10	20000	50	#0	QPSK	NV	40	-3.89	-0.002	-2.5	2.5	PASS
Band4	10	20000	50	#0	QPSK	NV	50	-2.86	-0.002	-2.5	2.5	PASS

Band4	10	20000	50	#0	16QAM	NV	-30	-2.80	-0.002	-2.5	2.5	PASS
Band4	10	20000	50	#0	16QAM	NV	-20	-2.95	-0.002	-2.5	2.5	PASS
Band4	10	20000	50	#0	16QAM	NV	-10	-3.56	-0.002	-2.5	2.5	PASS
Band4	10	20000	50	#0	16QAM	NV	0	-1.66	-0.001	-2.5	2.5	PASS
Band4	10	20000	50	#0	16QAM	NV	10	-2.20	-0.001	-2.5	2.5	PASS
Band4	10	20000	50	#0	16QAM	NV	20	-2.56	-0.001	-2.5	2.5	PASS
Band4	10	20000	50	#0	16QAM	NV	30	-2.65	-0.002	-2.5	2.5	PASS
Band4	10	20000	50	#0	16QAM	NV	40	-3.53	-0.002	-2.5	2.5	PASS
Band4	10	20000	50	#0	16QAM	NV	50	-1.89	-0.001	-2.5	2.5	PASS
Band4	10	20175	50	#0	QPSK	NV	-30	0.47	0.000	-2.5	2.5	PASS
Band4	10	20175	50	#0	QPSK	NV	-20	-0.27	0.000	-2.5	2.5	PASS
Band4	10	20175	50	#0	QPSK	NV	-10	-1.47	-0.001	-2.5	2.5	PASS
Band4	10	20175	50	#0	QPSK	NV	0	-0.13	0.000	-2.5	2.5	PASS
Band4	10	20175	50	#0	QPSK	NV	10	-1.53	-0.001	-2.5	2.5	PASS
Band4	10	20175	50	#0	QPSK	NV	20	-0.23	0.000	-2.5	2.5	PASS
Band4	10	20175	50	#0	QPSK	NV	30	-0.14	0.000	-2.5	2.5	PASS
Band4	10	20175	50	#0	QPSK	NV	40	0.01	0.000	-2.5	2.5	PASS
Band4	10	20175	50	#0	QPSK	NV	50	-0.63	0.000	-2.5	2.5	PASS
Band4	10	20175	50	#0	16QAM	NV	-30	0.67	0.000	-2.5	2.5	PASS
Band4	10	20175	50	#0	16QAM	NV	-20	-0.64	0.000	-2.5	2.5	PASS
Band4	10	20175	50	#0	16QAM	NV	-10	-0.34	0.000	-2.5	2.5	PASS
Band4	10	20175	50	#0	16QAM	NV	0	-0.97	-0.001	-2.5	2.5	PASS

Band4	10	20175	50	#0	16QAM	NV	10	-0.89	-0.001	-2.5	2.5	PASS
Band4	10	20175	50	#0	16QAM	NV	20	-0.29	0.000	-2.5	2.5	PASS
Band4	10	20175	50	#0	16QAM	NV	30	-0.20	0.000	-2.5	2.5	PASS
Band4	10	20175	50	#0	16QAM	NV	40	0.19	0.000	-2.5	2.5	PASS
Band4	10	20175	50	#0	16QAM	NV	50	-0.90	-0.001	-2.5	2.5	PASS
Band4	10	20350	50	#0	QPSK	NV	-30	-0.06	0.000	-2.5	2.5	PASS
Band4	10	20350	50	#0	QPSK	NV	-20	-0.06	0.000	-2.5	2.5	PASS
Band4	10	20350	50	#0	QPSK	NV	-10	0.27	0.000	-2.5	2.5	PASS
Band4	10	20350	50	#0	QPSK	NV	0	0.59	0.000	-2.5	2.5	PASS
Band4	10	20350	50	#0	QPSK	NV	10	-0.27	0.000	-2.5	2.5	PASS
Band4	10	20350	50	#0	QPSK	NV	20	-0.11	0.000	-2.5	2.5	PASS
Band4	10	20350	50	#0	QPSK	NV	30	0.94	0.001	-2.5	2.5	PASS
Band4	10	20350	50	#0	QPSK	NV	40	2.85	0.002	-2.5	2.5	PASS
Band4	10	20350	50	#0	QPSK	NV	50	4.12	0.002	-2.5	2.5	PASS
Band4	10	20350	50	#0	16QAM	NV	-30	1.69	0.001	-2.5	2.5	PASS
Band4	10	20350	50	#0	16QAM	NV	-20	1.00	0.001	-2.5	2.5	PASS
Band4	10	20350	50	#0	16QAM	NV	-10	2.25	0.001	-2.5	2.5	PASS
Band4	10	20350	50	#0	16QAM	NV	0	1.50	0.001	-2.5	2.5	PASS
Band4	10	20350	50	#0	16QAM	NV	10	1.27	0.001	-2.5	2.5	PASS
Band4	10	20350	50	#0	16QAM	NV	20	1.13	0.001	-2.5	2.5	PASS
Band4	10	20350	50	#0	16QAM	NV	30	2.35	0.001	-2.5	2.5	PASS
Band4	10	20350	50	#0	16QAM	NV	40	1.02	0.001	-2.5	2.5	PASS