

LTE Band4 Test Data

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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.54	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.69	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.66	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.40	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.39	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.40	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.39	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.88	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.01	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.97	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.83	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.74	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.68	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.82	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.49	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.73	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.66	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.62	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.53	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.57	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.74	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.55	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.94	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.74	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.36	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.35	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.46	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.17	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.27	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.72	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.71	PASS

Band4	1.4MHz	16QAM	20175	3RB#3	21.74	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.92	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.38	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.73	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.60	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.72	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.38	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.56	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.41	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.49	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.48	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.64	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.67	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.58	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.59	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.64	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.87	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.81	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.99	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.93	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.85	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.86	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.90	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.53	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.56	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.63	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.61	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.61	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.61	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.56	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.34	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.43	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.64	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.68	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.67	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.60	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.77	PASS

Band4	3MHz	16QAM	20175	1RB#0	21.80	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.34	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.35	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.85	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.85	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.78	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.70	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.38	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.63	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.67	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.58	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.58	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.62	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.55	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.30	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.60	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.47	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.58	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.59	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.60	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.69	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.75	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.61	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.86	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.76	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.76	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.72	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.78	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.74	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.59	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.76	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.65	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.65	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.63	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.66	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.23	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.28	PASS

Band4	5MHz	16QAM	19975	1RB#24	21.37	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.58	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.53	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.66	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.76	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.48	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.37	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.52	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.61	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.61	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.68	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.65	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.94	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.52	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.90	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.78	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.78	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.85	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.71	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.49	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.78	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.64	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.72	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.63	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.75	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.73	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.76	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.12	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.86	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.82	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.73	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.86	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.81	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.57	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.64	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.75	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.72	PASS

Band4	10MHz	QPSK	20350	25RB#12	21.63	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.65	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.59	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.52	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.70	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.77	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.66	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.57	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.79	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.69	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.68	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.27	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.85	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.78	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.78	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.81	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.85	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.51	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.60	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.74	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.81	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.72	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.65	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.57	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.41	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.64	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.89	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.64	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.64	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.64	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.64	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.71	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.84	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.70	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.84	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.74	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.70	PASS

Band4	15MHz	QPSK	20175	75RB#0	21.79	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.63	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.55	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.68	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.65	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.64	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.64	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.64	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.63	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.70	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.33	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.64	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.64	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.64	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.67	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.83	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.48	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.93	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.84	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.72	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.69	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.71	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.81	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.69	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.54	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.65	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.64	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.64	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.58	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.27	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.99	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.09	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.63	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.63	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.81	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.69	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.49	PASS

Band4	20MHz	QPSK	20175	1RB#49	23.16	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.60	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.79	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.81	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.86	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.79	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.84	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.72	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.56	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.91	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.91	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.55	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.73	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.64	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.15	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.94	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.77	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.67	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.78	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.73	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.91	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.43	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.90	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.76	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.76	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.79	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.75	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.22	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.17	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.20	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.71	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.71	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.54	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.68	PASS

Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	5.03	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.05	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.07	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.81	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.90	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.98	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.13	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.13	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.15	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.00	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.91	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.98	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.23	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.16	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.24	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.05	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.95	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.03	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.35	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.12	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.24	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.13	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.97	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.09	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.59	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.31	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.45	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.24	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.01	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.17	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.37	13	PASS

Band4	20MHz	QPSK	20175	100RB#0	5.13	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.33	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.08	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.93	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.17	13	PASS



Test Graphs

Band4-1.4MHz-QPSK-19957-6RB#0



Band4-1.4MHz-QPSK-20175-6RB#0



Band4-1.4MHz-QPSK-20393-6RB#0



Band4-1.4MHz-16QAM-19957-6RB#0



Band4-1.4MHz-16QAM-20175-6RB#0



Band4-1.4MHz-16QAM-20393-6RB#0



Band4-3MHz-QPSK-19965-15RB#0



Band4-3MHz-QPSK-20175-15RB#0



Band4-3MHz-QPSK-20385-15RB#0



Band4-3MHz-16QAM-19965-15RB#0



Band4-3MHz-16QAM-20175-15RB#0



Band4-3MHz-16QAM-20385-15RB#0



Band4-5MHz-QPSK-19975-25RB#0





Band4-5MHz-16QAM-20175-25RB#0



Band4-5MHz-16QAM-20375-25RB#0



Band4-10MHz-QPSK-20000-50RB#0



Band4-10MHz-QPSK-20175-50RB#0



Band4-10MHz-QPSK-20350-50RB#0



Band4-10MHz-16QAM-20000-50RB#0



Band4-10MHz-16QAM-20175-50RB#0



Band4-10MHz-16QAM-20350-50RB#0



Band4-15MHz-QPSK-20025-75RB#0







Band4-20MHz-QPSK-20175-100RB#0



Band4-20MHz-QPSK-20300-100RB#0



Band4-20MHz-16QAM-20050-100RB#0



Band4-20MHz-16QAM-20175-100RB#0



Band4-20MHz-16QAM-20300-100RB#0



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0887	1.247	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0899	1.273	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0924	1.259	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0900	1.281	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0888	1.275	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0916	1.261	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6976	2.901	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6927	2.910	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6980	2.937	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6945	2.920	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6924	2.914	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6914	2.920	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5046	4.888	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4999	4.904	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4934	4.893	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5032	4.859	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5009	4.851	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4999	4.893	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9819	9.543	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9633	9.579	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9541	9.513	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9668	9.513	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9472	9.521	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9465	9.533	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.508	14.31	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.439	14.30	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.418	14.23	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.485	14.30	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.424	14.26	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.404	14.22	PASS

Band4	20MHz	QPSK	20050	100RB#0	17.976	18.98	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.881	18.92	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.882	18.96	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.975	18.97	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.865	18.92	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.902	18.94	PASS

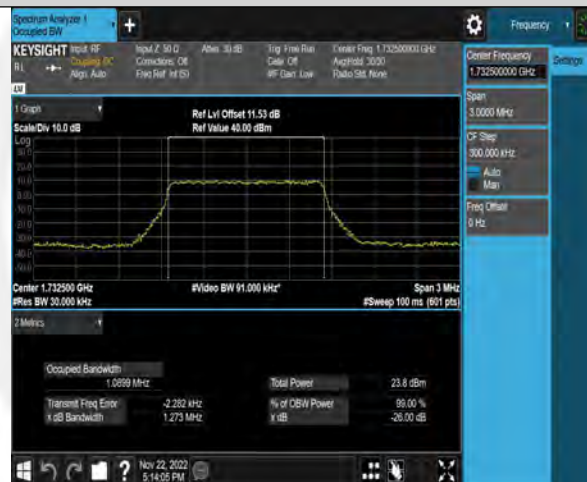


Test Graphs

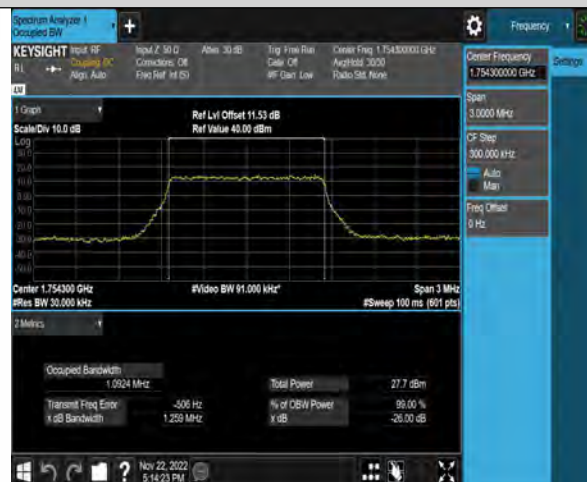
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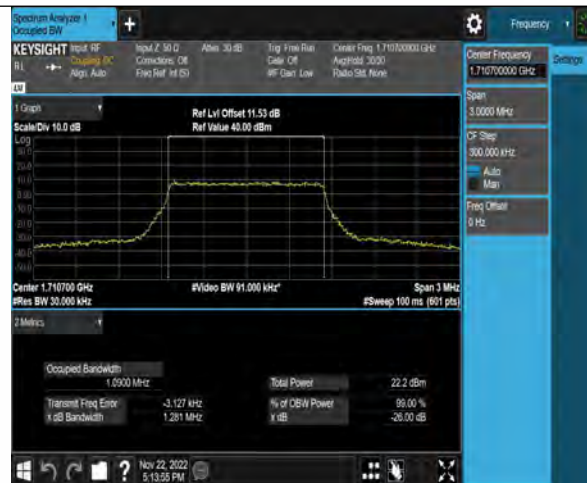
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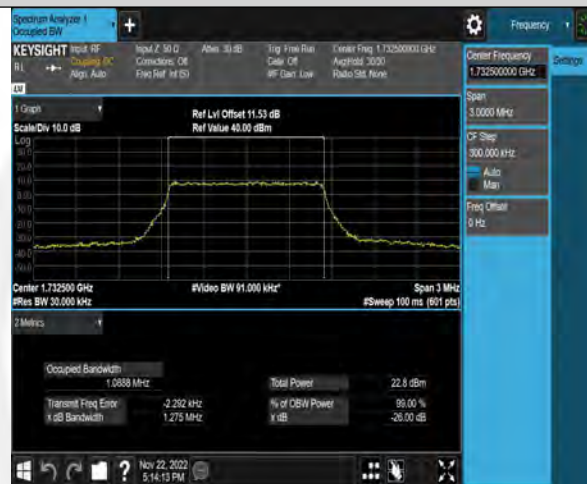
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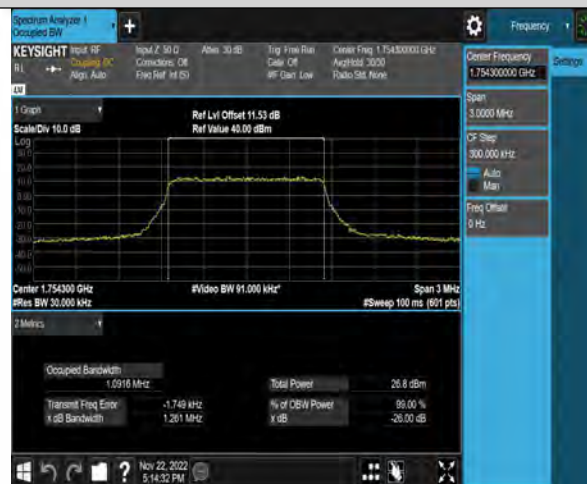
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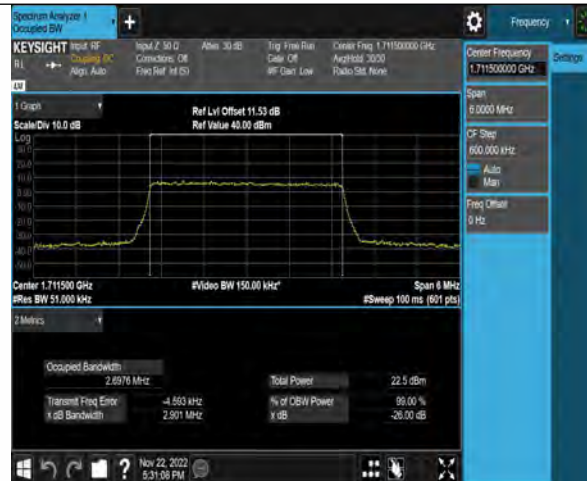
Band4-1.4MHz-16QAM-20175-6RB#0



Band4-1.4MHz-16QAM-20393-6RB#0



Band4-3MHz-QPSK-19965-15RB#0



Band4-3MHz-QPSK-20175-15RB#0



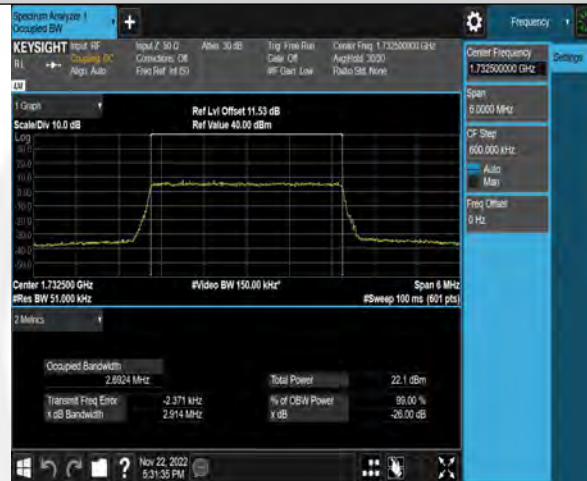
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Band4-3MHz-16QAM-19965-15RB#0



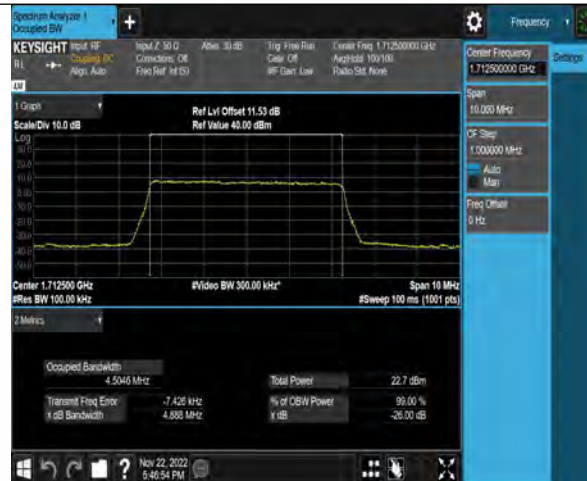
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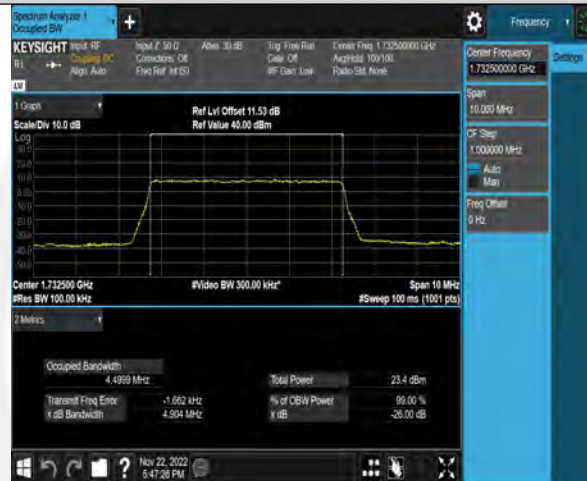
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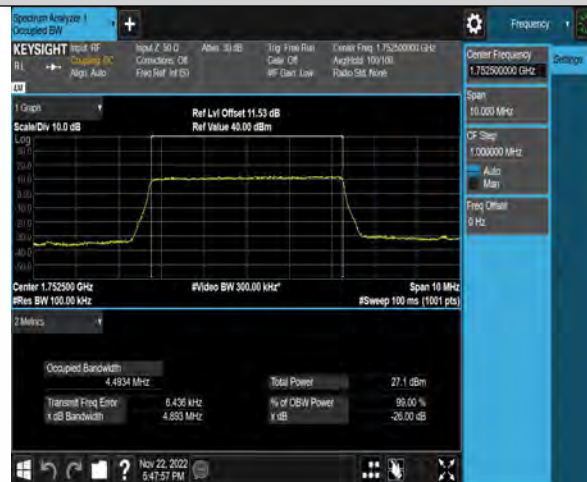
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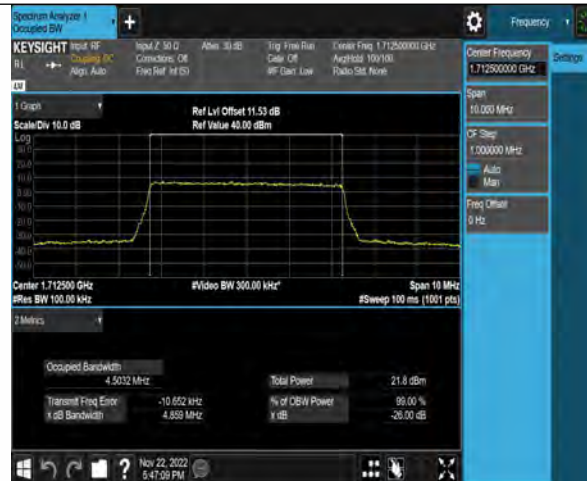
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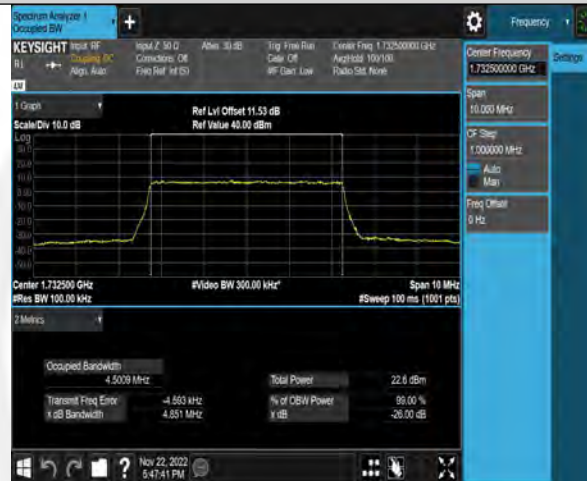
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Band4-5MHz-16QAM-19975-25RB#0



Band4-5MHz-16QAM-20175-25RB#0



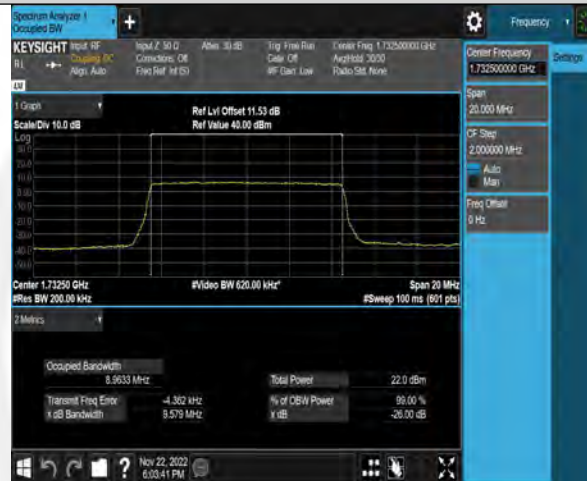
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Band4-10MHz-QPSK-20000-50RB#0



Band4-10MHz-QPSK-20175-50RB#0



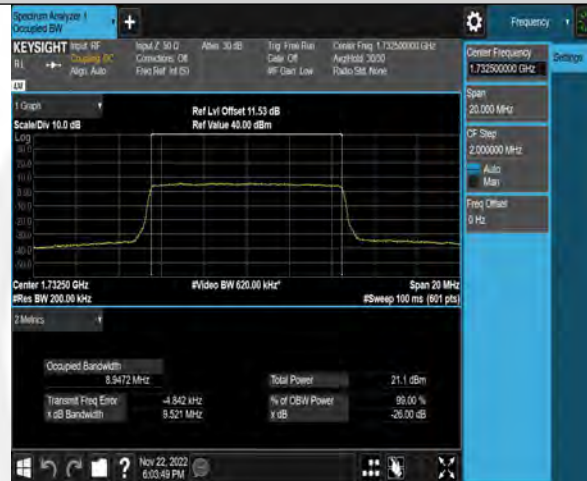
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Band4-10MHz-16QAM-20000-50RB#0



Band4-10MHz-16QAM-20175-50RB#0



Band4-10MHz-16QAM-20350-50RB#0



Band4-15MHz-QPSK-20025-75RB#0



Band4-15MHz-QPSK-20175-75RB#0



Band4-15MHz-QPSK-20325-75RB#0



Band4-15MHz-16QAM-20025-75RB#0



Band4-15MHz-16QAM-20175-75RB#0



Band4-15MHz-16QAM-20325-75RB#0



Band4-20MHz-QPSK-20050-100RB#0



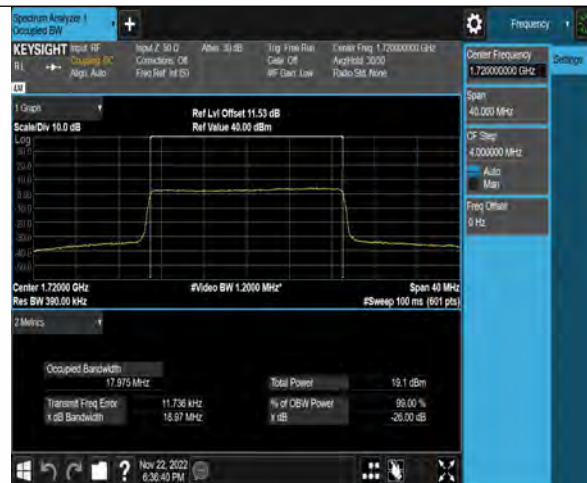
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Band4-20MHz-QPSK-20300-100RB#0



Band4-20MHz-16QAM-20050-100RB#0



Band4-20MHz-16QAM-20175-100RB#0



Band4-20MHz-16QAM-20300-100RB#0



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-29.41	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-24.58	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-29.97	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-25.83	PASS
Band4	3MHz	QPSK	19965	15RB#0	-26.85	PASS
Band4	3MHz	QPSK	20385	15RB#0	-23.20	PASS
Band4	3MHz	16QAM	19965	15RB#0	-27.73	PASS
Band4	3MHz	16QAM	20385	15RB#0	-24.17	PASS
Band4	5MHz	QPSK	19975	25RB#0	-26.47	PASS
Band4	5MHz	QPSK	20375	25RB#0	-22.34	PASS
Band4	5MHz	16QAM	19975	25RB#0	-27.75	PASS
Band4	5MHz	16QAM	20375	25RB#0	-23.66	PASS
Band4	10MHz	QPSK	20000	50RB#0	-30.59	PASS
Band4	10MHz	QPSK	20350	50RB#0	-26.19	PASS
Band4	10MHz	16QAM	20000	50RB#0	-31.36	PASS
Band4	10MHz	16QAM	20350	50RB#0	-26.26	PASS
Band4	15MHz	QPSK	20025	75RB#0	-32.90	PASS
Band4	15MHz	QPSK	20325	75RB#0	-27.43	PASS
Band4	15MHz	16QAM	20025	75RB#0	-33.64	PASS
Band4	15MHz	16QAM	20325	75RB#0	-28.28	PASS
Band4	20MHz	QPSK	20050	100RB#0	-34.34	PASS
Band4	20MHz	QPSK	20300	100RB#0	-29.19	PASS
Band4	20MHz	16QAM	20050	100RB#0	-33.67	PASS
Band4	20MHz	16QAM	20300	100RB#0	-29.17	PASS

Test Graphs

Band4-1.4MHz-QPSK-19957-6RB#0



Band4-1.4MHz-QPSK-20393-6RB#0



Band4-1.4MHz-16QAM-19957-6RB#0



Band4-1.4MHz-16QAM-20393-6RB#0



Band4-3MHz-QPSK-19965-15RB#0



Band4-3MHz-QPSK-20385-15RB#0



Band4-3MHz-16QAM-19965-15RB#0



Band4-3MHz-16QAM-20385-15RB#0



Band4-5MHz-QPSK-19975-25RB#0



Band4-5MHz-QPSK-20375-25RB#0



Band4-5MHz-16QAM-19975-25RB#0



Band4-5MHz-16QAM-20375-25RB#0



Band4-10MHz-QPSK-20000-50RB#0



Band4-10MHz-QPSK-20350-50RB#0



Band4-10MHz-16QAM-20000-50RB#0



Band4-10MHz-16QAM-20350-50RB#0



Band4-15MHz-QPSK-20025-75RB#0



Band4-15MHz-QPSK-20325-75RB#0



Band4-15MHz-16QAM-20025-75RB#0



Band4-15MHz-16QAM-20325-75RB#0



Band4-20MHz-QPSK-20050-100RB#0



Band4-20MHz-QPSK-20300-100RB#0



Band4-20MHz-16QAM-20050-100RB#0



Band4-20MHz-16QAM-20300-100RB#0



Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:30~1000MHz	-46.11	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~2000MHz	-40.86	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range3:2000~20000MHz	-42.48	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-46.47	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-41.84	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-43.32	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-46.13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~2000MHz	-41.98	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range3:2000~20000MHz	-38.09	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-46.1	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~2000MHz	-42.12	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range3:2000~20000MHz	-42.95	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-46.07	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-41.23	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-35.02	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-45.26	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~	-42.22	PASS

					2000MHz		
Band4	1.4MHz	16QAM	20393	1RB#0	Range3:2000~20000MHz	-41	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range1:30~1000MHz	-45.59	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range2:1000~2000MHz	-42.12	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range3:2000~20000MHz	-43.22	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-46.15	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-41.63	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-41.83	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range1:30~1000MHz	-45.63	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range2:1000~2000MHz	-42.11	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range3:2000~20000MHz	-33.03	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range1:30~1000MHz	-45.39	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range2:1000~2000MHz	-42.66	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range3:2000~20000MHz	-42.19	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-46.18	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-41.64	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-42.39	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range1:30~1000MHz	-45.96	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range2:1000~2000MHz	-41.88	PASS

Band4	3MHz	16QAM	20385	1RB#0	Range3:2000~20000MHz	-38.48	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range1:30~1000MHz	-45.3	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range2:1000~2000MHz	-42.63	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range3:2000~20000MHz	-37.82	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-45.48	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-41.17	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-41.69	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range1:30~1000MHz	-45.74	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range2:1000~2000MHz	-42	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range3:2000~20000MHz	-42.2	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range1:30~1000MHz	-44.71	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range2:1000~2000MHz	-42.07	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range3:2000~20000MHz	-42.69	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-44.87	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-41.57	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-33.99	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range1:30~1000MHz	-45.63	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range2:1000~2000MHz	-41.56	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range3:2000~	-41.97	PASS

					20000MHz		
Band4	10MHz	QPSK	20000	1RB#0	Range1:30~1000MHz	-45.27	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range2:1000~2000MHz	-41.92	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range3:2000~20000MHz	-42.21	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-45.42	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-41.5	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-42.15	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range1:30~1000MHz	-46.2	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range2:1000~2000MHz	-42.17	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range3:2000~20000MHz	-38.36	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range1:30~1000MHz	-46.01	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range2:1000~2000MHz	-41.61	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range3:2000~20000MHz	-42.93	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-45.37	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-41.06	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-42.68	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range1:30~1000MHz	-44.79	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range2:1000~2000MHz	-41.75	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range3:2000~20000MHz	-39.78	PASS

Band4	15MHz	QPSK	20025	1RB#0	Range1:30~1000MHz	-45.23	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range2:1000~2000MHz	-42.5	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range3:2000~20000MHz	-42.26	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-45.48	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-42.91	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-42.56	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range1:30~1000MHz	-45.91	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range2:1000~2000MHz	-40.9	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range3:2000~20000MHz	-42.16	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range1:30~1000MHz	-45.61	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range2:1000~2000MHz	-41.22	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range3:2000~20000MHz	-42.6	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-45.55	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-41.52	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-42.26	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range1:30~1000MHz	-45.8	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range2:1000~2000MHz	-42.16	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range3:2000~20000MHz	-40.61	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-45.08	PASS

					00MHz		
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~2000MHz	-42.42	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range3:2000~20000MHz	-42.59	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-45.72	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-40.76	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-40.04	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-45.67	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~2000MHz	-41.24	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range3:2000~20000MHz	-39.75	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-45.21	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~2000MHz	-40.82	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range3:2000~20000MHz	-41.43	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-45.32	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-41.29	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-42.68	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-45.25	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~2000MHz	-41.12	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range3:2000~20000MHz	-42.65	PASS

Test Graphs

Band4-1.4MHz-QPSK-19957-1RB#0-Range1:30~1000MHz



Band4-1.4MHz-QPSK-19957-1RB#0-Range2:1000~2000MHz



Band4-1.4MHz-QPSK-19957-1RB#0-Range3:2000~20000MHz



Band4-1.4MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



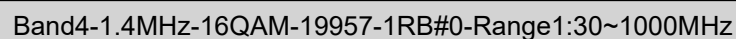
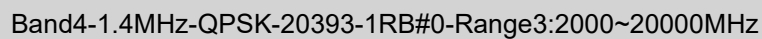
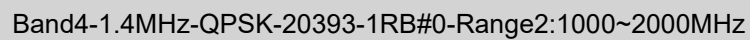
Band4-1.4MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz



Band4-1.4MHz-QPSK-20175-1RB#0-Range3:2000~2000MHz



Band4-1.4MHz-QPSK-20393-1RB#0-Range1:30~1000MHz





Band4-1.4MHz-16QAM-19957-1RB#0-Range2:1000~2000MHz



Band4-1.4MHz-16QAM-19957-1RB#0-Range3:2000~20000MHz



Band4-1.4MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-1.4MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-1.4MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz



Band4-1.4MHz-16QAM-20393-1RB#0-Range1:30~1000MHz



Band4-1.4MHz-16QAM-20393-1RB#0-Range2:1000~2000MHz



Band4-1.4MHz-16QAM-20393-1RB#0-Range3:2000~20000MHz



Band4-3MHz-QPSK-19965-1RB#0-Range1:30~1000MHz



Band4-3MHz-QPSK-19965-1RB#0-Range2:1000~2000MHz



Band4-3MHz-QPSK-19965-1RB#0-Range3:2000~20000MHz



Band4-3MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-3MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz



Band4-3MHz-QPSK-20175-1RB#0-Range3:2000~20000MHz



Band4-3MHz-QPSK-20385-1RB#0-Range1:30~1000MHz



Band4-3MHz-QPSK-20385-1RB#0-Range2:1000~2000MHz



Band4-3MHz-QPSK-20385-1RB#0-Range3:2000~20000MHz



Band4-3MHz-16QAM-19965-1RB#0-Range1:30~1000MHz



Band4-3MHz-16QAM-19965-1RB#0-Range2:1000~2000MHz



Band4-3MHz-16QAM-19965-1RB#0-Range3:2000~20000MHz



Band4-3MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-3MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-3MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz



Band4-3MHz-16QAM-20385-1RB#0-Range1:30~1000MHz



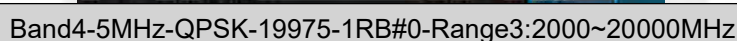
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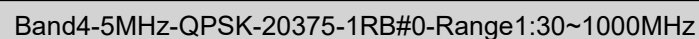
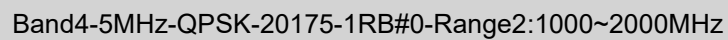


Band4-3MHz-16QAM-20385-1RB#0-Range3:2000~20000MHz



Band4-5MHz-QPSK-19975-1RB#0-Range1:30~1000MHz







Band4-5MHz-QPSK-20375-1RB#0-Range2:1000~2000MHz



Band4-5MHz-QPSK-20375-1RB#0-Range3:2000~20000MHz



Band4-5MHz-16QAM-19975-1RB#0-Range1:30~1000MHz



Band4-5MHz-16QAM-19975-1RB#0-Range2:1000~2000MHz



Band4-5MHz-16QAM-19975-1RB#0-Range3:2000~20000MHz



Band4-5MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-5MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-5MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz



Band4-5MHz-16QAM-20375-1RB#0-Range1:30~1000MHz



Band4-5MHz-16QAM-20375-1RB#0-Range2:1000~2000MHz



Band4-5MHz-16QAM-20375-1RB#0-Range3:2000~20000MHz



Band4-10MHz-QPSK-20000-1RB#0-Range1:30~1000MHz



Band4-10MHz-QPSK-20000-1RB#0-Range2:1000~2000MHz



Band4-10MHz-QPSK-20000-1RB#0-Range3:2000~20000MHz



Band4-10MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



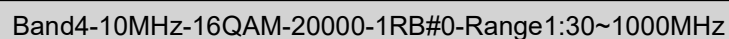
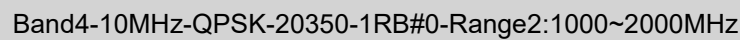
Band4-10MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz



Band4-10MHz-QPSK-20175-1RB#0-Range3:2000~20000MHz



Band4-10MHz-QPSK-20350-1RB#0-Range1:30~1000MHz





Band4-10MHz-16QAM-20000-1RB#0-Range2:1000~2000MHz



Band4-10MHz-16QAM-20000-1RB#0-Range3:2000~20000MHz



Band4-10MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-10MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-10MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz



Band4-10MHz-16QAM-20350-1RB#0-Range1:30~1000MHz



Band4-10MHz-16QAM-20350-1RB#0-Range2:1000~2000MHz



Band4-10MHz-16QAM-20350-1RB#0-Range3:2000~20000MHz



Band4-15MHz-QPSK-20025-1RB#0-Range1:30~1000MHz



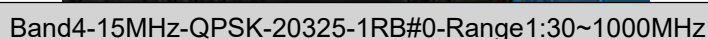
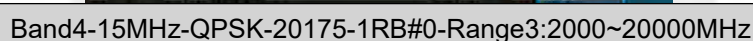
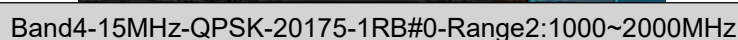
Band4-15MHz-QPSK-20025-1RB#0-Range2:1000~2000MHz



Band4-15MHz-QPSK-20025-1RB#0-Range3:2000~20000MHz



Band4-15MHz-QPSK-20175-1RB#0-Range1:30~1000MHz





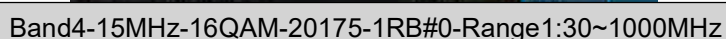
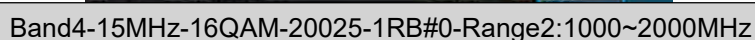
Band4-15MHz-QPSK-20325-1RB#0-Range2:1000~2000MHz



Band4-15MHz-QPSK-20325-1RB#0-Range3:2000~20000MHz



Band4-15MHz-16QAM-20025-1RB#0-Range1:30~1000MHz





Band4-15MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-15MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz



Band4-15MHz-16QAM-20325-1RB#0-Range1:30~1000MHz



Band4-15MHz-16QAM-20325-1RB#0-Range2:1000~2000MHz



Band4-15MHz-16QAM-20325-1RB#0-Range3:2000~20000MHz



Band4-20MHz-QPSK-20050-1RB#0-Range1:30~1000MHz



Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~2000MHz



Band4-20MHz-QPSK-20050-1RB#0-Range3:2000~20000MHz



Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz



Band4-20MHz-QPSK-20175-1RB#0-Range3:2000~20000MHz



Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz



Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~2000MHz



Band4-20MHz-QPSK-20300-1RB#0-Range3:2000~20000MHz



Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~2000MHz



Band4-20MHz-16QAM-20050-1RB#0-Range3:2000~20000MHz



Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-20MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~2000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range3:2000~20000MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	VL	NT	-3.36	-0.001964	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	8.28	0.004840	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	5.24	0.003063	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	3.46	0.001997	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	7.14	0.004121	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	4.61	0.002661	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	-5.38	-0.003067	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	3.85	0.002195	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	-4.36	-0.002485	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	4.62	0.002701	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	5.42	0.003168	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	5.79	0.003385	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	2.53	0.001460	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	-5.31	-0.003065	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	4.84	0.002794	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	-4.42	-0.002520	±2.5	PASS

Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	-5.06	-0.0028 84	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	-7.84	-0.0044 69	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VL	NT	-4.61	-0.0026 94	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VN	NT	3.62	0.00211 5	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VH	NT	-6.41	-0.0037 45	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VL	NT	4.03	0.00232 6	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VN	NT	5.59	0.00322 7	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VH	NT	3.81	0.00219 9	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VL	NT	6.88	0.00392 4	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VN	NT	-2.53	-0.0014 43	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VH	NT	-4.23	-0.0024 12	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VL	NT	4.72	0.00275 8	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VN	NT	5.05	0.00295 1	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VH	NT	5.18	0.00302 7	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VL	NT	4.02	0.00232 0	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VN	NT	4.25	0.00245 3	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VH	NT	6.25	0.00360 8	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VL	NT	-4.72	-0.0026 92	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VN	NT	5.74	0.00327	±2.5	PASS

								3		
Band4	3MHz	16QAM	20385	15RB#0	VH	NT	6.35	0.00362 1	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VL	NT	4.68	0.00273 3	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VN	NT	6.25	0.00365 0	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VH	NT	6.59	0.00384 8	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VL	NT	8.03	0.00463 5	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VN	NT	3.63	0.00209 5	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VH	NT	6.08	0.00350 9	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VL	NT	-8.51	-0.0048 56	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VN	NT	-3.13	-0.0017 86	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VH	NT	-7.32	-0.0041 77	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VL	NT	5.95	0.00347 4	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VN	NT	6.92	0.00404 1	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VH	NT	4.79	0.00279 7	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VL	NT	4.13	0.00238 4	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VN	NT	3.95	0.00228 0	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VH	NT	5.02	0.00289 8	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VL	NT	-7.14	-0.0040 74	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VN	NT	-8.14	-0.0046 45	±2.5	PASS

Band4	5MHz	16QAM	20375	25RB#0	VH	NT	-6.07	-0.0034 64	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VL	NT	-3.62	-0.00211 1	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VN	NT	-8.18	-0.0047 70	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VH	NT	-5.66	-0.0033 00	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VL	NT	-10.26	-0.0059 22	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VN	NT	7.64	0.00441 0	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VH	NT	6.41	0.00370 0	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VL	NT	4.86	0.00277 7	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VN	NT	6.54	0.00373 7	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VH	NT	5.05	0.00288 6	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VL	NT	-7.37	-0.0042 97	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VN	NT	-6.07	-0.0035 39	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VH	NT	-6.21	-0.0036 21	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VL	NT	-3.60	-0.0020 78	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VN	NT	7.08	0.00408 7	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VH	NT	7.68	0.00443 3	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VL	NT	4.33	0.00247 4	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VN	NT	8.90	0.00508 6	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VH	NT	5.54	0.00316	±2.5	PASS

								6		
Band4	15MHz	QPSK	20025	75RB#0	VL	NT	4.81	0.00280 1	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VN	NT	5.97	0.00347 6	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VH	NT	3.65	0.00212 5	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VL	NT	5.42	0.00312 8	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VN	NT	5.51	0.00318 0	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VH	NT	6.64	0.00383 3	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VL	NT	4.15	0.00237 5	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VN	NT	4.48	0.00256 4	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VH	NT	7.27	0.00416 0	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VL	NT	3.35	0.00195 1	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VN	NT	-2.42	-0.0014 09	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VH	NT	2.35	0.00136 8	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VL	NT	3.82	0.00220 5	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VN	NT	3.26	0.00188 2	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VH	NT	4.89	0.00282 3	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VL	NT	5.25	0.00300 4	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VN	NT	-2.96	-0.0016 94	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VH	NT	6.90	0.00394 8	±2.5	PASS

Band4	20MHz	QPSK	20050	100RB#0	VL	NT	5.91	0.00343 6	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	4.51	0.00262 2	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	4.95	0.00287 8	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	6.84	0.00394 8	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	5.45	0.00314 6	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	6.48	0.00374 0	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-5.48	-0.0031 40	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-5.11	-0.0029 28	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-4.98	-0.0028 54	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	6.62	0.00384 9	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	4.31	0.00250 6	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	5.61	0.00326 2	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	8.64	0.00498 7	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	4.66	0.00269 0	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	5.25	0.00303 0	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	-7.21	-0.0041 32	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-5.46	-0.0031 29	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	-5.74	-0.0032 89	±2.5	PASS

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	4.58	0.002677	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	3.36	0.001964	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-10	4.13	0.002414	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	3.10	0.001812	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	3.08	0.001800	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	-4.82	-0.002818	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	30	4.35	0.002543	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	40	5.25	0.003069	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	50	4.96	0.002899	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	4.15	0.002395	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	5.78	0.003336	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-10	6.61	0.003815	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	3.73	0.002153	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	5.24	0.003025	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	8.04	0.004641	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	30	4.28	0.002470	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	40	7.07	0.004081	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	50	3.50	0.00202	±2.5	PASS

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Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	-4.18	-0.0023 83	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	-5.24	-0.0029 87	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-10	-4.18	-0.0023 83	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	-5.94	-0.0033 86	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	-4.52	-0.0025 77	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	-3.88	-0.0022 12	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	30	-4.71	-0.0026 85	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	40	-4.71	-0.0026 85	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	50	-5.38	-0.0030 67	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	6.11	0.00357 2	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	4.48	0.00261 9	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-10	4.53	0.00264 8	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	6.39	0.00373 5	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	7.38	0.00431 4	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	7.45	0.00435 5	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	30	4.22	0.00246 7	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	40	5.44	0.00318 0	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	50	5.34	0.00312 2	±2.5	PASS

Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	6.39	0.00368 8	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	3.62	0.00208 9	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-10	5.62	0.00324 4	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	5.88	0.00339 4	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	-3.23	-0.0018 64	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	4.25	0.00245 3	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	30	-4.75	-0.0027 42	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	40	3.89	0.00224 5	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	50	6.48	0.00374 0	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	-3.48	-0.0019 84	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	-5.55	-0.0031 64	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-10	-4.65	-0.0026 51	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	-4.12	-0.0023 49	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	-6.29	-0.0035 85	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	-5.85	-0.0033 35	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	30	-4.46	-0.0025 42	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	40	-5.06	-0.0028 84	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	50	-6.52	-0.0037 17	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-30	-4.45	-0.0026	±2.5	PASS

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Band4	3MHz	QPSK	19965	15RB#0	NV	-20	4.55	0.00265 8	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-10	4.32	0.00252 4	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	0	-3.76	-0.0021 97	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	10	-3.68	-0.0021 50	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	20	-5.36	-0.0031 32	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	30	4.22	0.00246 6	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	40	5.04	0.00294 5	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	50	5.41	0.00316 1	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-30	4.92	0.00284 0	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-20	4.41	0.00254 5	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-10	7.21	0.00416 2	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	0	5.35	0.00308 8	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	10	7.98	0.00460 6	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	20	3.53	0.00203 8	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	30	6.81	0.00393 1	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	40	4.82	0.00278 2	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	50	6.28	0.00362 5	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-30	5.91	0.00337 0	±2.5	PASS

Band4	3MHz	QPSK	20385	15RB#0	NV	-20	3.23	0.00184 2	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-10	3.30	0.00188 2	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	0	3.62	0.00206 4	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	10	-4.39	-0.0025 04	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	20	-4.01	-0.0022 87	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	30	7.45	0.00424 9	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	40	-2.93	-0.0016 71	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	50	5.66	0.00322 8	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-30	3.66	0.00213 8	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-20	4.02	0.00234 9	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-10	8.13	0.00475 0	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	0	3.95	0.00230 8	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	10	6.54	0.00382 1	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	20	6.18	0.00361 1	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	30	5.42	0.00316 7	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	40	6.45	0.00376 9	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	50	8.45	0.00493 7	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-30	2.83	0.00163 3	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-20	5.16	0.00297	±2.5	PASS

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Band4	3MHz	16QAM	20175	15RB#0	NV	-10	3.88	0.00224 0	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	0	4.99	0.00288 0	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	10	4.72	0.00272 4	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	20	5.05	0.00291 5	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	30	7.15	0.00412 7	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	40	4.13	0.00238 4	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	50	2.50	0.00144 3	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-30	6.81	0.00388 4	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-20	4.21	0.00240 1	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-10	4.46	0.00254 3	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	0	-4.11	-0.0023 44	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	10	4.45	0.00253 8	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	20	3.35	0.00191 0	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	30	-3.50	-0.0019 96	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	40	7.11	0.00405 5	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	50	-4.69	-0.0026 75	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-30	5.81	0.00339 3	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-20	4.75	0.00277 4	±2.5	PASS

Band4	5MHz	QPSK	19975	25RB#0	NV	-10	-4.42	-0.0025 81	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	0	6.17	0.00360 3	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	10	7.72	0.00450 8	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	20	7.14	0.00416 9	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	30	4.51	0.00263 4	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	40	5.72	0.00334 0	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	50	6.15	0.00359 1	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-30	5.11	0.00294 9	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-20	4.62	0.00266 7	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-10	3.68	0.00212 4	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	0	4.58	0.00264 4	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	10	4.31	0.00248 8	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	20	9.06	0.00522 9	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	30	3.39	0.00195 7	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	40	-3.83	-0.00221 1	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	50	5.76	0.00332 5	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-30	-5.26	-0.0030 01	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-20	-5.99	-0.0034 18	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-10	-9.11	-0.0051	±2.5	PASS

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Band4	5MHz	QPSK	20375	25RB#0	NV	0	-4.59	-0.0026 19	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	10	-7.54	-0.0043 02	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	20	5.04	0.00287 6	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	30	-5.04	-0.0028 76	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	40	-8.01	-0.0045 71	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	50	-4.76	-0.0027 16	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-30	7.90	0.00461 3	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-20	5.39	0.00314 7	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-10	7.58	0.00442 6	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	0	7.45	0.00435 0	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	10	6.29	0.00367 3	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	20	4.84	0.00282 6	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	30	6.09	0.00355 6	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	40	5.68	0.00331 7	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	50	3.56	0.00207 9	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-30	3.53	0.00203 8	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-20	5.11	0.00294 9	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-10	6.47	0.00373 4	±2.5	PASS

Band4	5MHz	16QAM	20175	25RB#0	NV	0	5.75	0.003319	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	10	4.85	0.002799	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	20	4.98	0.002874	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	30	6.78	0.003913	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	40	5.45	0.003146	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	50	7.93	0.004577	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-30	-4.58	-0.002613	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-20	-4.43	-0.002528	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-10	-6.09	-0.003475	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	0	-8.43	-0.004810	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	10	-4.79	-0.002733	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	20	-7.07	-0.004034	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	30	-4.65	-0.002653	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	40	-7.27	-0.004148	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	50	-6.27	-0.003578	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-30	-5.09	-0.002968	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-20	-5.82	-0.003394	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-10	-9.83	-0.005732	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	0	-8.21	-0.0047	±2.5	PASS

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Band4	10MHz	QPSK	20000	50RB#0	NV	10	-6.27	-0.0036 56	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	20	-5.48	-0.0031 95	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	30	-3.76	-0.0021 92	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	40	4.58	0.00267 1	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	50	-5.08	-0.0029 62	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-30	5.01	0.00289 2	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-20	5.58	0.00322 1	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-10	7.27	0.00419 6	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	0	3.55	0.00204 9	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	10	5.78	0.00333 6	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	20	5.26	0.00303 6	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	30	4.21	0.00243 0	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	40	2.68	0.00154 7	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	50	4.43	0.00255 7	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-30	7.20	0.00411 4	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-20	5.66	0.00323 4	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-10	5.92	0.00338 3	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	0	6.64	0.00379 4	±2.5	PASS

Band4	10MHz	QPSK	20350	50RB#0	NV	10	6.38	0.00364 6	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	20	7.44	0.00425 1	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	30	7.05	0.00402 9	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	40	8.61	0.00492 0	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	50	5.59	0.00319 4	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-30	-5.55	-0.0032 36	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-20	-6.78	-0.0039 53	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-10	-7.34	-0.0042 80	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	0	-6.35	-0.0037 03	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	10	-9.83	-0.0057 32	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	20	-7.34	-0.0042 80	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	30	-8.21	-0.0047 87	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	40	-7.20	-0.0041 98	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	50	-10.87	-0.0063 38	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-30	6.07	0.00350 4	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-20	-3.03	-0.0017 49	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-10	-3.56	-0.0020 55	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	0	4.06	0.00234 3	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	10	6.87	0.00396	±2.5	PASS

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Band4	10MHz	16QAM	20175	50RB#0	NV	20	5.05	0.00291 5	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	30	4.05	0.00233 8	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	40	3.76	0.00217 0	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	50	3.49	0.00201 4	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-30	5.97	0.00341 1	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-20	4.13	0.00236 0	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-10	5.84	0.00333 7	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	0	5.02	0.00286 9	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	10	-4.89	-0.0027 94	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	20	3.88	0.00221 7	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	30	8.87	0.00506 9	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	40	6.21	0.00354 9	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	50	5.92	0.00338 3	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-30	5.48	0.00319 1	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-20	7.02	0.00408 7	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-10	4.96	0.00288 8	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	0	3.30	0.00192 1	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	10	6.32	0.00368 0	±2.5	PASS

Band4	15MHz	QPSK	20025	75RB#0	NV	20	5.54	0.00322 6	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	30	5.75	0.00334 8	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	40	2.76	0.00160 7	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	50	6.48	0.00377 3	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-30	4.43	0.00255 7	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-20	3.32	0.00191 6	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-10	5.06	0.00292 1	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	0	7.58	0.00437 5	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	10	6.34	0.00365 9	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	20	5.06	0.00292 1	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	30	4.81	0.00277 6	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	40	6.97	0.00402 3	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	50	5.38	0.00310 5	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-30	4.18	0.00239 2	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-20	5.72	0.00327 3	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-10	3.53	0.00202 0	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	0	6.95	0.00397 7	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	10	5.55	0.00317 6	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	20	5.68	0.00325	±2.5	PASS

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Band4	15MHz	QPSK	20325	75RB#0	NV	30	-7.18	-0.004109	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	40	-4.23	-0.002421	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	50	5.66	0.003239	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-30	5.11	0.002975	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-20	6.25	0.003639	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-10	5.62	0.003272	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	0	5.55	0.003231	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	10	4.86	0.002830	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	20	5.12	0.002981	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	30	4.92	0.002865	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	40	3.62	0.002108	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	50	4.01	0.002335	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-30	4.85	0.002799	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-20	3.83	0.002211	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-10	2.40	0.001385	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	0	6.14	0.003544	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	10	3.88	0.002240	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	20	8.25	0.004762	±2.5	PASS

Band4	15MHz	16QAM	20175	75RB#0	NV	30	6.12	0.00353 2	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	40	4.33	0.00249 9	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	50	6.12	0.00353 2	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-30	3.20	0.00183 1	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-20	4.52	0.00258 7	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-10	-5.11	-0.0029 24	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	0	-4.79	-0.0027 41	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	10	3.89	0.00222 6	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	20	6.61	0.00378 3	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	30	5.29	0.00302 7	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	40	6.75	0.00386 3	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	50	6.95	0.00397 7	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	10.34	0.00601 2	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	7.52	0.00437 2	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-10	6.69	0.00389 0	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	5.42	0.00315 1	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	5.78	0.00336 0	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	6.09	0.00354 1	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	10.34	0.00601	±2.5	PASS

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Band4	20MHz	QPSK	20050	100RB#0	NV	40	5.26	0.003058	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	6.87	0.003994	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	3.52	0.002032	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	5.88	0.003394	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	6.55	0.003781	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	4.56	0.002632	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	4.96	0.002863	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	5.97	0.003446	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	4.08	0.002355	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	8.43	0.004866	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	6.49	0.003746	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-3.25	-0.001862	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-4.38	-0.002510	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-10	-3.83	-0.002195	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-6.61	-0.003788	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-4.75	-0.002722	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	3.42	0.001960	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	5.54	0.003175	±2.5	PASS

Band4	20MHz	QPSK	20300	100RB#0	NV	40	-7.11	-0.0040 74	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-4.63	-0.0026 53	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	6.07	0.00352 9	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	4.68	0.00272 1	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-10	5.74	0.00333 7	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	7.11	0.00413 4	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	4.84	0.00281 4	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	7.22	0.00419 8	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	7.32	0.00425 6	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	6.07	0.00352 9	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	7.10	0.00412 8	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	-4.06	-0.0023 43	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	-3.73	-0.0021 53	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-10	7.10	0.00409 8	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	7.05	0.00406 9	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	3.63	0.00209 5	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	7.21	0.00416 2	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	4.38	0.00252 8	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	4.31	0.00248	±2.5	PASS

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Band4	20MHz	16QAM	20175	100RB#0	NV	50	4.21	0.002430	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	-4.19	-0.002401	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-5.25	-0.003009	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-10	-6.81	-0.003903	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	-4.66	-0.002670	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-2.49	-0.001427	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-4.02	-0.002304	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-7.94	-0.004550	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	-4.99	-0.002860	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-6.75	-0.003868	±2.5	PASS