



# Appendix B

## E-UTRA Band 4



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# 1 Effective (Isotropic) Radiated Power

## 1.1. Test Result for Down Ant

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#2	22.05	21.08	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.11	21.14	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	22.14	21.17	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.12	21.15	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.07	21.10	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.19	21.22	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.22	20.25	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.14	21.17	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.11	21.14	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.12	21.15	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.14	21.17	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.22	21.25	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.17	21.20	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.23	20.26	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.13	21.16	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.26	21.29	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.10	21.13	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.14	21.17	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.23	21.26	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.19	21.22	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.27	20.30	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	20.49	19.52	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	20.28	19.31	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	20.16	19.19	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	20.07	19.10	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	20.23	19.26	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	20.32	19.35	30.00	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	19.25	18.28	30.00	PASS



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Band4	1.4MHz	64QAM	20175	1RB#5	20.48	19.51	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	20.57	19.60	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	20.76	19.79	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	20.53	19.56	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	20.32	19.35	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	20.16	19.19	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	20.13	19.16	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	20.92	19.95	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	20.73	19.76	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	20.53	19.56	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	20.21	19.24	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	20.11	19.14	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	20.16	19.19	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	19.27	18.30	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.45	20.48	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.22	20.25	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.16	20.19	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.11	20.14	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.26	20.29	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.26	20.29	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.21	19.24	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.52	20.55	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.70	20.73	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.51	20.54	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.29	20.32	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.15	20.18	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.12	20.15	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.48	19.51	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.90	20.93	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.69	20.72	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.50	20.53	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.25	20.28	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.15	20.18	30.00	PASS



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Band4	1.4MHz	16QAM	20393	3RB#3	21.16	20.19	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.27	19.30	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.04	21.07	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.24	21.27	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.19	21.22	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.27	20.30	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.29	20.32	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.21	20.24	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.28	20.31	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.18	21.21	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.29	21.32	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.09	21.12	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.33	20.36	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.35	20.38	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.24	20.27	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.26	20.29	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.32	21.35	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.38	21.41	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.22	21.25	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.30	20.33	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.35	20.38	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.30	20.33	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.27	20.30	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	20.23	19.26	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	20.35	19.38	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	20.55	19.58	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#0	19.27	18.30	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#4	19.48	18.51	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#7	19.36	18.39	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	19.43	18.46	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	20.43	19.46	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	20.54	19.57	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	20.35	19.38	30.00	PASS



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Band4	3MHz	64QAM	20175	8RB#0	20.51	19.54	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#7	19.39	18.42	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#4	19.47	18.50	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	19.27	18.30	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	20.50	19.53	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	20.87	19.90	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	20.70	19.73	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#7	19.37	18.40	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#0	19.25	18.28	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#4	19.39	18.42	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	19.22	18.25	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.19	20.22	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.31	20.34	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.58	20.61	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.28	19.31	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.48	19.51	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.35	19.38	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.40	19.43	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.58	20.61	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.36	20.39	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.49	20.52	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.34	19.37	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.42	19.45	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.26	19.29	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.43	19.46	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.46	20.49	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.91	20.94	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.69	20.72	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.35	19.38	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.29	19.32	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.34	19.37	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.21	19.24	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.02	21.05	30.00	PASS



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Band4	5MHz	QPSK	19975	1RB#0	22.21	21.24	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.14	21.17	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.31	20.34	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.29	20.32	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.25	20.28	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.24	20.27	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.22	21.25	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.22	21.25	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.28	21.31	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.30	20.33	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.32	20.35	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.31	20.34	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.27	20.30	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.24	21.27	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.28	21.31	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.06	21.09	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.26	20.29	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.30	20.33	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.29	20.32	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.29	20.32	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	20.09	19.12	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	20.45	19.48	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	20.43	19.46	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#0	19.12	18.15	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#13	19.36	18.39	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#6	19.15	18.18	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	19.32	18.35	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	20.20	19.23	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	20.20	19.23	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	20.87	19.90	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#0	20.18	19.21	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#6	19.33	18.36	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#13	19.40	18.43	30.00	PASS



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Band4	5MHz	64QAM	20175	25RB#0	19.19	18.22	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	20.58	19.61	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	20.31	19.34	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	20.25	19.28	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#13	19.21	18.24	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#6	19.31	18.34	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#0	19.30	18.33	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	19.24	18.27	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.07	20.10	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.43	20.46	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.39	20.42	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.16	19.19	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.33	19.36	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.17	19.20	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.31	19.34	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.23	20.26	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.88	20.91	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.18	20.21	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.35	19.38	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.44	19.47	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.23	19.26	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.20	19.23	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.59	20.62	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.28	20.31	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.29	20.32	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.19	19.22	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.26	19.29	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.32	19.35	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.20	19.23	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.07	21.10	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.37	21.40	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.04	21.07	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.05	20.08	30.00	PASS



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Band4	10MHz	QPSK	20000	25RB#12	21.33	20.36	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.14	20.17	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.23	20.26	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.04	21.07	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.25	21.28	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.12	21.15	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.21	20.24	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.31	20.34	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.13	20.16	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.20	20.23	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.09	21.12	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.09	21.12	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.02	21.05	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.16	20.19	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.17	20.20	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.22	20.25	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.11	20.14	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	20.95	19.98	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	20.37	19.40	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	20.51	19.54	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#12	19.23	18.26	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#0	19.36	18.39	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#25	19.32	18.35	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	19.21	18.24	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	20.22	19.25	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	20.94	19.97	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	20.37	19.40	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#0	20.53	19.56	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#12	19.32	18.35	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#25	19.33	18.36	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	19.27	18.30	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	20.19	19.22	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	20.36	19.39	30.00	PASS



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Band4	10MHz	64QAM	20350	1RB#0	20.38	19.41	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#25	19.27	18.30	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#0	19.22	18.25	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#12	19.18	18.21	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	19.21	18.24	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.11	20.14	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.39	20.42	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.50	20.53	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.22	19.25	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.34	19.37	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.29	19.32	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.19	19.22	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.89	20.92	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.32	20.35	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.08	20.11	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.26	19.29	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.32	19.35	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.22	19.25	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.22	19.25	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.13	20.16	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.33	20.36	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.37	20.40	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.27	19.30	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.17	19.20	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.21	19.24	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.19	19.22	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.12	21.15	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.21	21.24	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.27	21.30	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#39	21.38	20.41	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#18	21.47	20.50	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#0	21.50	20.53	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.32	20.35	30.00	PASS



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Band4	15MHz	QPSK	20175	1RB#74	22.15	21.18	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.39	21.42	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.31	21.34	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#0	21.28	20.31	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#39	21.50	20.53	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#18	21.50	20.53	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.42	20.45	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.19	21.22	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.22	21.25	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.31	21.34	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#39	21.31	20.34	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#0	21.41	20.44	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#18	21.39	20.42	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.27	20.30	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	20.22	19.25	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	20.81	19.84	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	20.77	19.80	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#0	19.25	18.28	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#18	19.45	18.48	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#39	19.38	18.41	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	19.42	18.45	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	20.44	19.47	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	20.09	19.12	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	20.54	19.57	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#0	20.58	19.61	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#18	19.39	18.42	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#39	19.53	18.56	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	19.43	18.46	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	20.27	19.30	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	20.51	19.54	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	20.41	19.44	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#0	19.39	18.42	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#18	19.39	18.42	30.00	PASS



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Band4	15MHz	64QAM	20325	36RB#39	19.51	18.54	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	19.36	18.39	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.25	20.28	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.85	20.88	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.74	20.77	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#0	20.28	19.31	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#18	20.48	19.51	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#39	20.42	19.45	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.44	19.47	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.06	20.09	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.49	20.52	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.55	20.58	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#0	20.35	19.38	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#18	20.54	19.57	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#39	20.46	19.49	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.44	19.47	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.28	20.31	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.52	20.55	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.45	20.48	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#39	20.34	19.37	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#0	20.39	19.42	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#18	20.45	19.48	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.38	19.41	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.13	21.16	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.26	21.29	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.05	21.08	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.27	20.30	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.41	20.44	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.43	20.46	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.32	20.35	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.16	21.19	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.37	21.40	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.24	21.27	30.00	PASS



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Band4	20MHz	QPSK	20175	50RB#25	21.31	20.34	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.49	20.52	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.46	20.49	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.39	20.42	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.06	21.09	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.33	21.36	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.13	21.16	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.32	20.35	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.50	20.53	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.40	20.43	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.47	20.50	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	20.75	19.78	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	20.50	19.53	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	20.14	19.17	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#0	19.33	18.36	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#25	19.58	18.61	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#50	19.48	18.51	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	19.39	18.42	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	20.44	19.47	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	20.17	19.20	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	20.75	19.78	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#25	20.40	19.43	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#50	19.38	18.41	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#0	19.54	18.57	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	19.47	18.50	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	20.62	19.65	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	20.73	19.76	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	20.40	19.43	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#50	19.39	18.42	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#0	19.53	18.56	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#25	19.38	18.41	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	19.43	18.46	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.71	20.74	30.00	PASS



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Band4	20MHz	16QAM	20050	1RB#0	21.50	20.53	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.14	20.17	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.30	19.33	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.60	19.63	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.45	19.48	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.33	19.36	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.13	20.16	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.79	20.82	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.44	20.47	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.36	19.39	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.53	19.56	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.46	19.49	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.44	19.47	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.62	20.65	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.72	20.75	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.37	20.40	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.34	19.37	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.52	19.55	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.42	19.45	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.41	19.44	30.00	PASS

## 1.2. Test Result for Up Ant

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#2	22.06	20.48	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.20	20.62	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	22.05	20.47	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.11	20.53	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.17	20.59	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.08	20.50	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.20	19.62	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.06	20.48	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.03	20.45	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.06	20.48	30.00	PASS



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Band4	1.4MHz	QPSK	20175	3RB#1	22.12	20.54	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.14	20.56	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.05	20.47	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.21	19.63	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.19	20.61	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.24	20.66	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.02	20.44	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.14	20.56	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.11	20.53	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.12	20.54	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.19	19.61	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	20.14	18.56	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	20.58	19.00	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	20.24	18.66	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	20.24	18.66	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	20.14	18.56	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	20.08	18.50	30.00	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	19.31	17.73	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	20.31	18.73	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	20.21	18.63	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	20.46	18.88	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	20.39	18.81	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	20.31	18.73	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	20.16	18.58	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	20.22	18.64	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	20.02	18.44	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	20.22	18.64	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	20.87	19.29	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	20.23	18.65	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	20.41	18.83	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	20.26	18.68	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	19.28	17.70	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.17	19.59	30.00	PASS



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Band4	1.4MHz	16QAM	19957	1RB#2	21.60	20.02	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.21	19.63	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.23	19.65	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.10	19.52	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.11	19.53	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.33	18.75	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.25	19.67	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.40	19.82	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.39	19.81	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.29	19.71	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.17	19.59	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.19	19.61	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.31	18.73	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	20.99	19.41	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.21	19.63	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.81	20.23	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.19	19.61	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.35	19.77	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.22	19.64	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.30	18.72	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.14	20.56	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.28	20.70	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.14	20.56	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.31	19.73	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.33	19.75	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.26	19.68	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.29	19.71	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.20	20.62	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.16	20.58	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	21.92	20.34	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.28	19.70	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.33	19.75	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.25	19.67	30.00	PASS



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Band4	3MHz	QPSK	20175	15RB#0	21.27	19.69	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.18	20.60	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.22	20.64	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.13	20.55	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.22	19.64	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.34	19.76	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.22	19.64	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.14	19.56	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	20.53	18.95	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	20.57	18.99	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	20.53	18.95	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#0	19.41	17.83	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#4	19.37	17.79	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#7	19.28	17.70	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	19.30	17.72	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	20.31	18.73	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	20.93	19.35	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	20.02	18.44	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#0	20.37	18.79	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#7	19.34	17.76	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#4	19.40	17.82	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	19.20	17.62	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	20.36	18.78	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	20.42	18.84	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	20.84	19.26	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#7	19.34	17.76	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#0	19.35	17.77	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#4	19.42	17.84	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	19.25	17.67	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.52	19.94	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.61	20.03	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.51	19.93	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.40	18.82	30.00	PASS



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Band4	3MHz	16QAM	19965	8RB#0	20.35	18.77	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.31	18.73	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.34	18.76	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.96	20.38	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	20.99	19.41	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.34	19.76	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.38	18.80	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.41	18.83	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.22	18.64	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.31	18.73	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.40	19.82	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.36	19.78	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.84	20.26	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.28	18.70	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.31	18.73	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.41	18.83	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.23	18.65	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.03	20.45	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.25	20.67	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	21.93	20.35	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.27	19.69	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.30	19.72	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.32	19.74	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.24	19.66	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.13	20.55	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.16	20.58	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.18	20.60	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.22	19.64	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.31	19.73	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.23	19.65	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.26	19.68	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.06	20.48	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.32	20.74	30.00	PASS



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Band4	5MHz	QPSK	20375	1RB#12	21.99	20.41	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.26	19.68	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.24	19.66	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.22	19.64	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.20	19.62	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	20.43	18.85	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	20.55	18.97	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	20.99	19.41	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#0	19.32	17.74	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#13	19.31	17.73	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#6	19.27	17.69	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	19.36	17.78	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	20.24	18.66	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	20.57	18.99	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	20.28	18.70	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#0	20.21	18.63	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#6	19.22	17.64	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#13	19.33	17.75	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	19.15	17.57	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	20.34	18.76	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	20.61	19.03	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	20.65	19.07	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#13	19.27	17.69	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#6	19.26	17.68	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#0	19.24	17.66	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	19.33	17.75	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.43	19.85	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.54	19.96	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.00	20.42	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.32	18.74	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.33	18.75	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.21	18.63	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.36	18.78	30.00	PASS



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Band4	5MHz	16QAM	20175	1RB#24	21.59	20.01	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.30	19.72	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.23	19.65	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.25	18.67	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.37	18.79	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.15	18.57	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.24	18.66	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.31	19.73	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.63	20.05	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.65	20.07	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.28	18.70	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.28	18.70	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.22	18.64	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.28	18.70	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	21.90	20.32	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.04	20.46	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.95	20.37	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.12	19.54	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.26	19.68	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.12	19.54	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.21	19.63	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	21.87	20.29	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	21.96	20.38	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	21.66	20.08	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.22	19.64	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.24	19.66	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.15	19.57	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.12	19.54	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	21.71	20.13	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	21.96	20.38	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	21.83	20.25	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.08	19.50	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.22	19.64	30.00	PASS



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Band4	10MHz	QPSK	20350	25RB#25	21.18	19.60	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.10	19.52	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	20.19	18.61	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	20.37	18.79	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	20.05	18.47	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#12	19.05	17.47	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#0	19.37	17.79	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#25	19.08	17.50	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	19.23	17.65	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	20.14	18.56	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	20.02	18.44	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	20.26	18.68	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#0	20.18	18.60	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#12	19.20	17.62	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#25	19.33	17.75	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	19.07	17.49	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	20.34	18.76	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	19.95	18.37	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	20.55	18.97	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#25	19.21	17.63	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#0	19.10	17.52	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#12	19.29	17.71	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	18.90	17.32	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.13	19.55	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.41	19.83	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.04	19.46	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.09	18.51	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.41	18.83	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.11	18.53	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.22	18.64	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.03	19.45	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.29	19.71	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.19	19.61	30.00	PASS



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Band4	10MHz	16QAM	20175	25RB#0	20.20	18.62	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.35	18.77	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.08	18.50	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.14	18.56	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.36	19.78	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	20.92	19.34	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.54	19.96	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.15	18.57	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.14	18.56	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.23	18.65	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	19.92	18.34	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.23	20.65	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.30	20.72	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.24	20.66	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#39	21.28	19.70	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#18	21.48	19.90	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#0	21.43	19.85	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.42	19.84	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.06	20.48	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.26	20.68	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.09	20.51	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#0	21.21	19.63	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#39	21.39	19.81	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#18	21.36	19.78	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.37	19.79	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.14	20.56	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.23	20.65	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.16	20.58	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#39	21.22	19.64	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#0	21.28	19.70	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#18	21.31	19.73	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.25	19.67	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	20.69	19.11	30.00	PASS



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Band4	15MHz	64QAM	20025	1RB#38	20.73	19.15	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	20.25	18.67	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#0	19.09	17.51	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#18	19.45	17.87	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#39	19.75	18.17	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	19.41	17.83	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	20.43	18.85	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	20.61	19.03	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	20.92	19.34	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#0	20.41	18.83	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#18	19.34	17.76	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#39	19.43	17.85	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	19.28	17.70	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	20.78	19.20	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	20.79	19.21	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	20.50	18.92	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#0	19.27	17.69	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#18	19.36	17.78	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#39	19.37	17.79	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	19.28	17.70	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.66	20.08	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.67	20.09	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.28	19.70	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#0	20.12	18.54	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#18	20.41	18.83	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#39	20.79	19.21	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.43	18.85	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.62	20.04	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.95	20.37	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.39	19.81	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#0	20.31	18.73	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#18	20.38	18.80	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#39	20.32	18.74	30.00	PASS



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Band4	15MHz	16QAM	20175	75RB#0	20.43	18.85	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.74	20.16	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.83	20.25	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.53	19.95	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#39	20.26	18.68	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#0	20.35	18.77	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#18	20.41	18.83	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.22	18.64	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.17	20.59	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.20	20.62	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.06	20.48	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.23	19.65	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.48	19.90	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.41	19.83	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.26	19.68	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	21.91	20.33	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.23	20.65	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.01	20.43	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.33	19.75	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.38	19.80	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.37	19.79	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.40	19.82	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.13	20.55	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.01	20.43	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.00	20.42	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.26	19.68	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.39	19.81	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.45	19.87	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.32	19.74	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	19.93	18.35	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	20.62	19.04	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	20.17	18.59	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#0	19.34	17.76	30.00	PASS



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Band4	20MHz	64QAM	20050	50RB#25	19.53	17.95	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#50	19.37	17.79	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	19.34	17.76	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	20.39	18.81	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	20.55	18.97	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	20.90	19.32	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#25	20.76	19.18	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#50	19.34	17.76	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#0	19.46	17.88	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	19.48	17.90	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	20.26	18.68	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	20.47	18.89	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	20.34	18.76	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#50	19.33	17.75	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#0	19.46	17.88	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#25	19.31	17.73	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	19.36	17.78	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	20.92	19.34	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.64	20.06	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.11	19.53	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.31	18.73	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.54	18.96	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.39	18.81	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.36	18.78	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.54	19.96	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.86	20.28	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.74	20.16	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.33	18.75	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.49	18.91	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.42	18.84	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.39	18.81	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.21	19.63	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.42	19.84	30.00	PASS



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Band4	20MHz	16QAM	20300	1RB#0	21.38	19.80	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.29	18.71	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.44	18.86	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.34	18.76	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.37	18.79	30.00	PASS

**Remark:**

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

$$ERP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBd]}$$

$$EIRP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$



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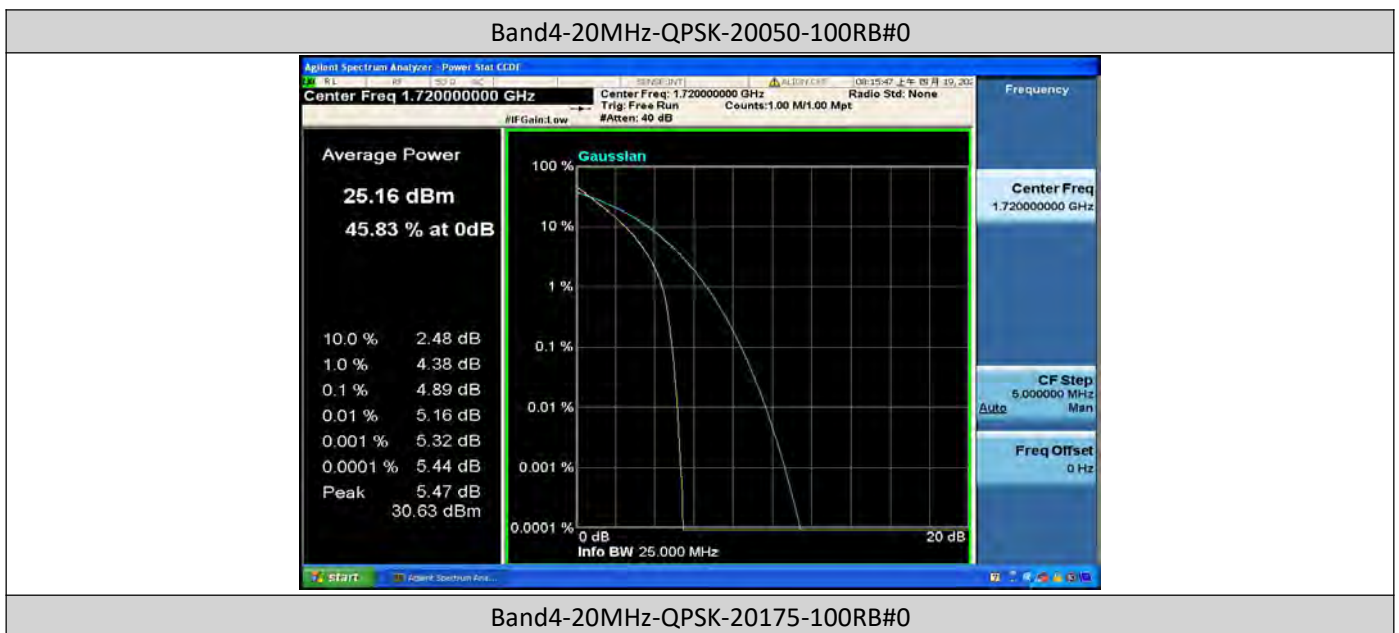


## 2. Peak-to-Average Ratio (CCDF)

### 2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	4.89	13.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.00	13.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.10	13.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	5.87	13.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	5.73	13.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	5.98	13.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.86	13.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.73	13.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.94	13.00	PASS

### 2.2. Test Plots



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



Band4-20MHz-64QAM-20050-100RB#0



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Band4-20MHz-64QAM-20175-100RB#0



Band4-20MHz-64QAM-20300-100RB#0

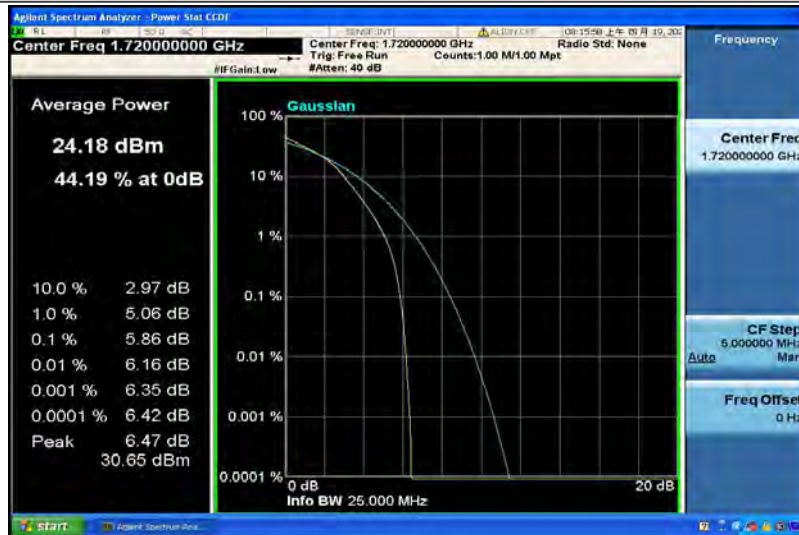


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Band4-20MHz-16QAM-20050-100RB#0



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



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



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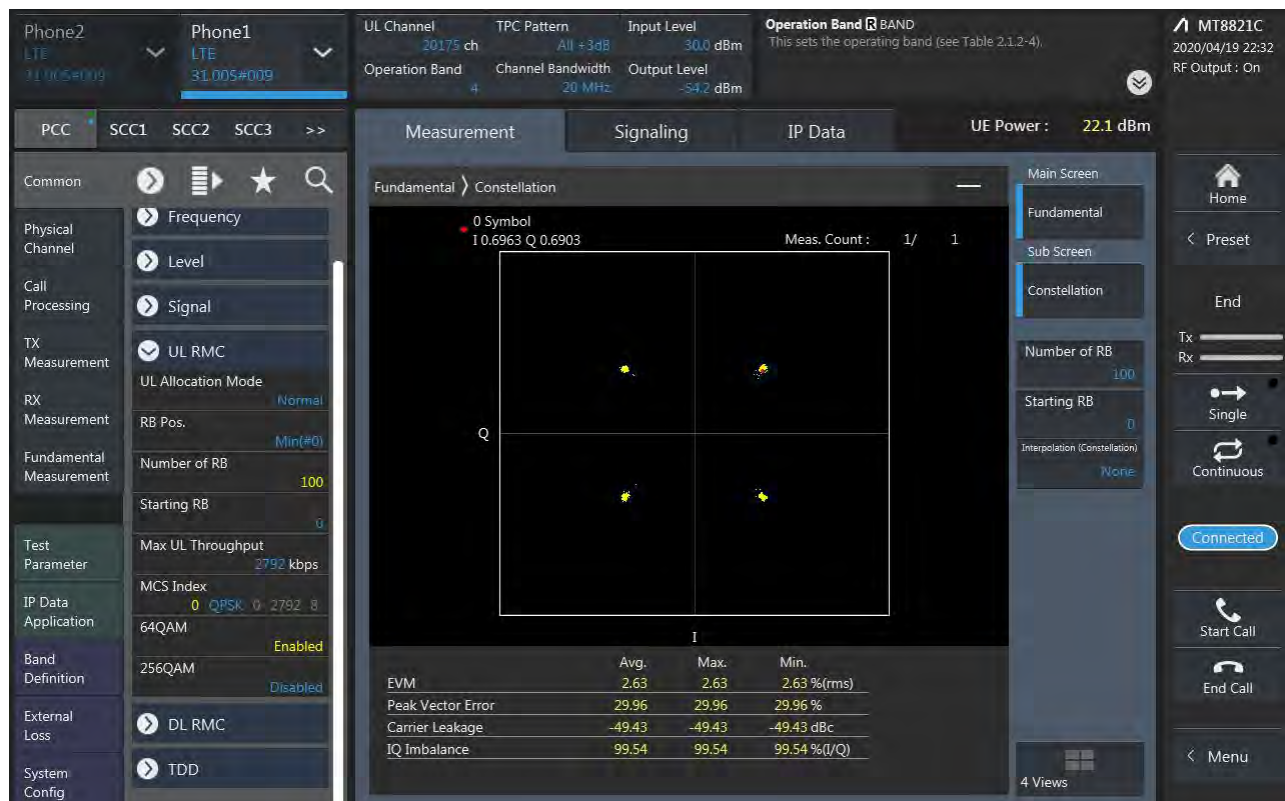
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### 3. Modulation Characteristics

#### 3.1. Test Mode = LTE /TM1 20MHz

##### 3.1.1. Test Channel = MCH



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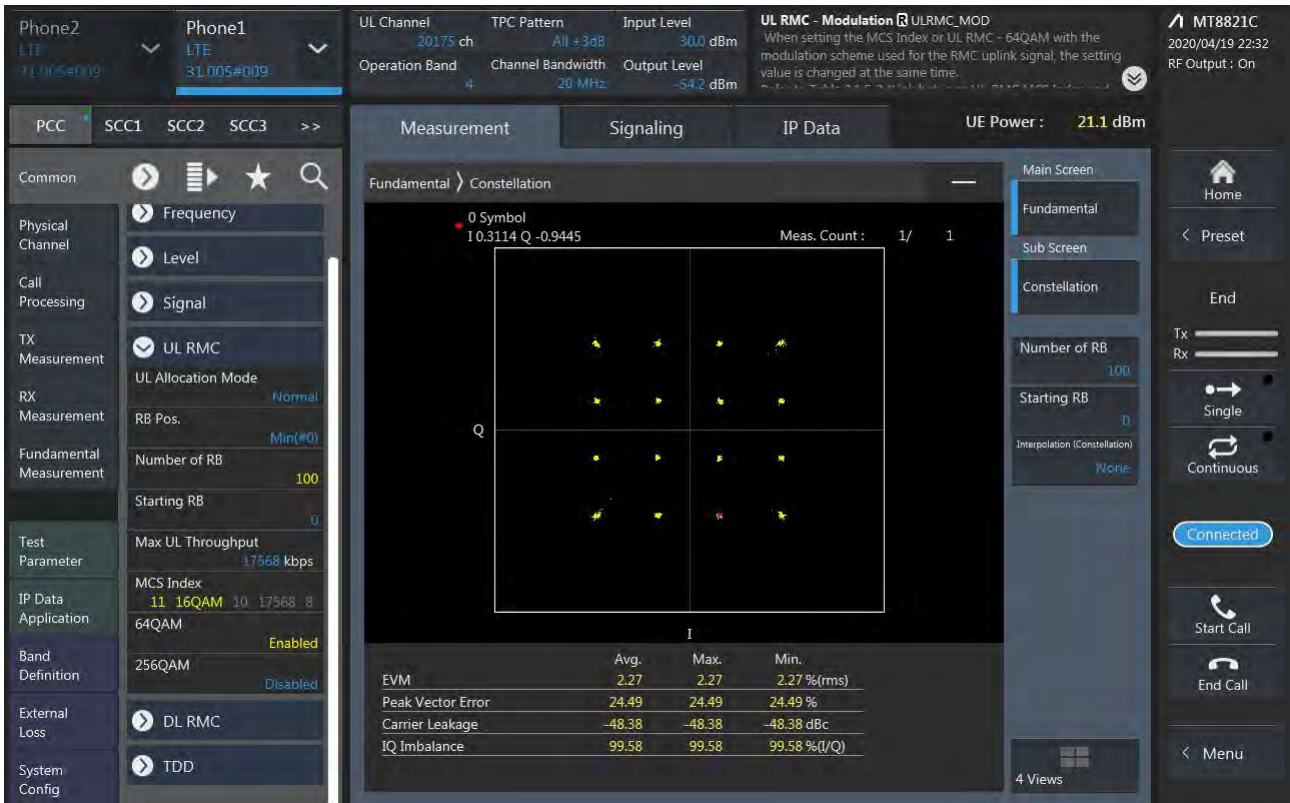
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### 3.2. Test Mode = LTE /TM2 20MHz

#### 3.2.1. Test Channel = MCH

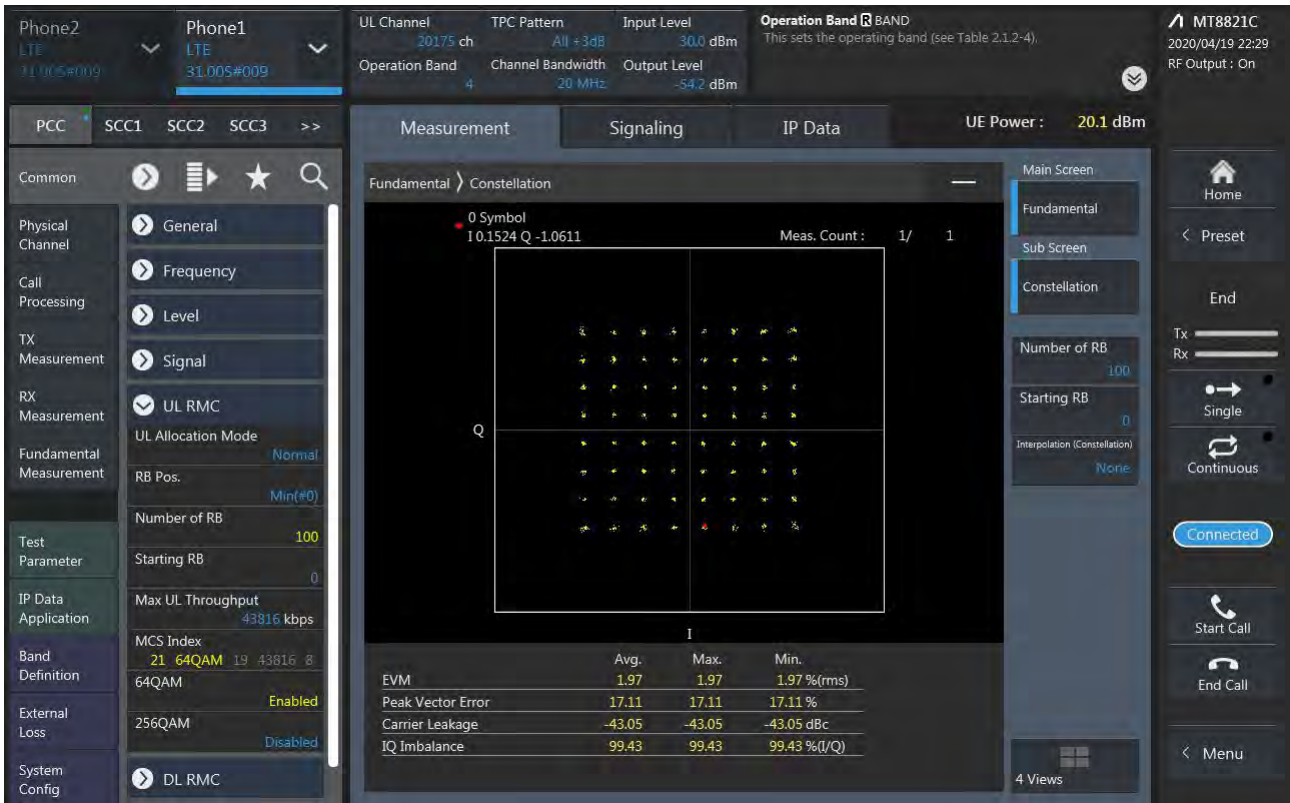


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### 3.3. Test Mode = LTE /TM3 20MHz

#### 3.3.1. Test Channel = MCH



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## 4. 26dB Bandwidth and Occupied Bandwidth

### 4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0895	1.233	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0879	1.228	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0856	1.229	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.0852	1.226	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.0872	1.224	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.0876	1.235	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0860	1.231	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0881	1.229	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0848	1.231	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6912	2.985	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6980	2.997	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6935	3.002	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.6910	2.976	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.6908	2.997	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.6877	2.969	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6901	2.967	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6843	2.952	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6885	2.948	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4750	4.890	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4736	4.851	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4679	4.878	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.4736	4.923	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.4685	4.883	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.4713	4.926	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4891	4.893	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4814	4.899	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4858	4.899	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9266	9.620	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9237	9.565	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9117	9.620	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.9240	9.623	PASS



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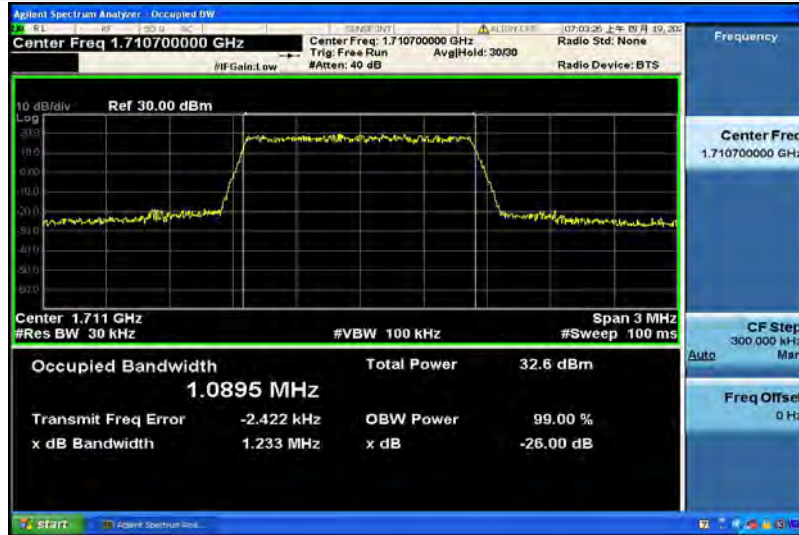
Band4	10MHz	64QAM	20175	50RB#0	8.9144	9.698	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.9182	9.567	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9255	9.672	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9217	9.624	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9220	9.638	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.455	14.70	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.446	14.61	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.459	14.66	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.442	14.70	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.430	14.75	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.441	14.70	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.465	14.61	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.433	14.63	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.465	14.58	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.877	19.41	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.863	19.24	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.895	19.37	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.868	19.30	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.832	19.30	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.867	19.42	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.900	19.43	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.848	19.26	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.889	19.37	PASS



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### 4.2. Test Plots

Band4-1.4MHz-QPSK-19957-6RB#0-1.0895



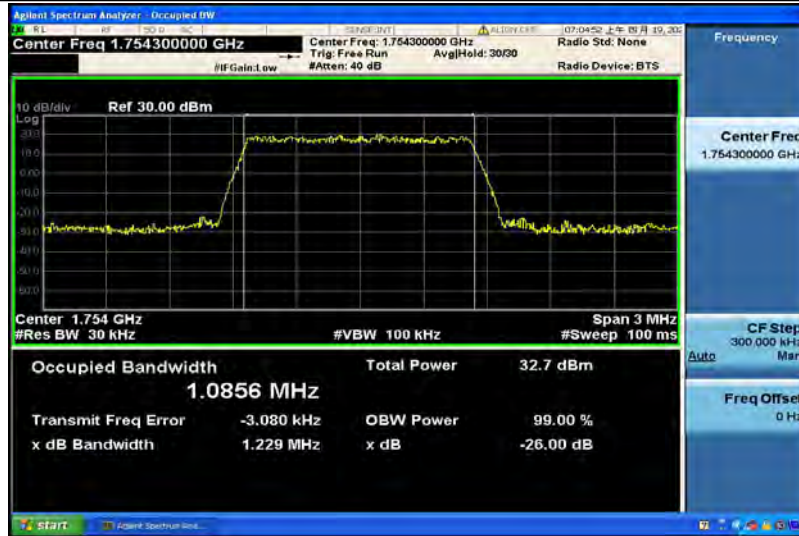
Band4-1.4MHz-QPSK-20175-6RB#0-1.0879



Band4-1.4MHz-QPSK-20393-6RB#0-1.0856



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Band4-1.4MHz-64QAM-19957-6RB#0-1.0852



Band4-1.4MHz-64QAM-20175-6RB#0-1.0872



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Band4-1.4MHz-64QAM-20393-6RB#0-1.0876



Band4-1.4MHz-16QAM-19957-6RB#0-1.0860



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Band4-1.4MHz-16QAM-20175-6RB#0-1.0881



Band4-1.4MHz-16QAM-20393-6RB#0-1.0848



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Band4-3MHz-QPSK-19965-15RB#0-2.6912



Band4-3MHz-QPSK-20175-15RB#0-2.6980



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Band4-3MHz-QPSK-20385-15RB#0-2.6935



Band4-3MHz-64QAM-19965-15RB#0-2.6910



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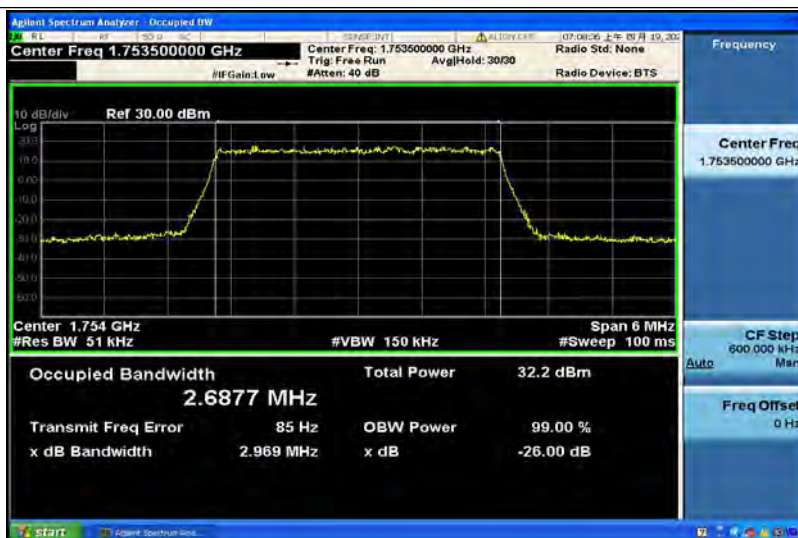


Band4-3MHz-64QAM-20175-15RB#0-2.6908

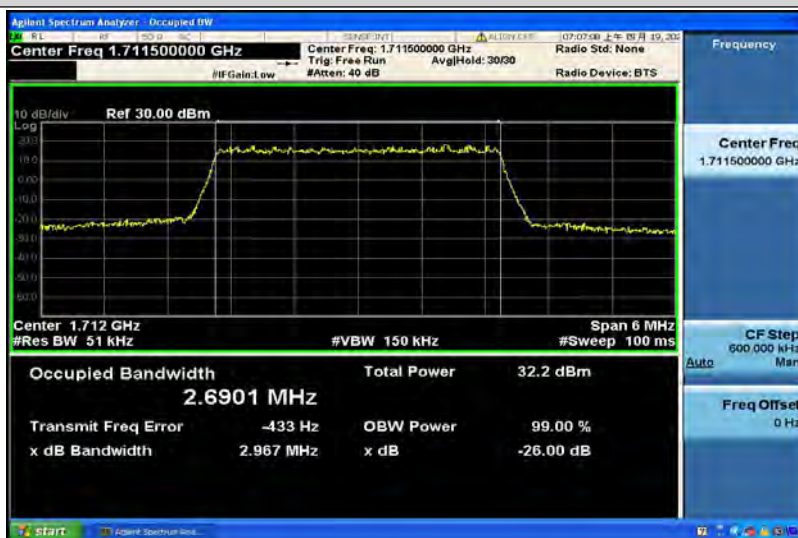


Band4-3MHz-64QAM-20385-15RB#0-2.6877





Band4-3MHz-16QAM-19965-15RB#0-2.6901



Band4-3MHz-16QAM-20175-15RB#0-2.6843



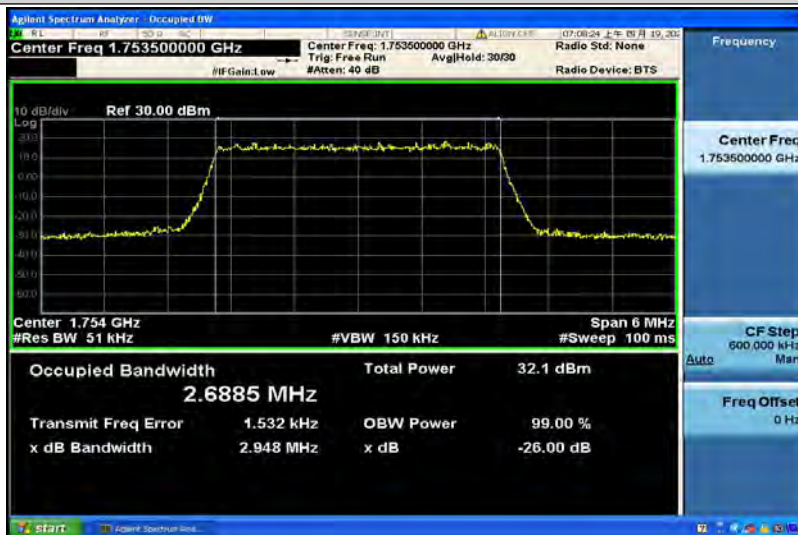
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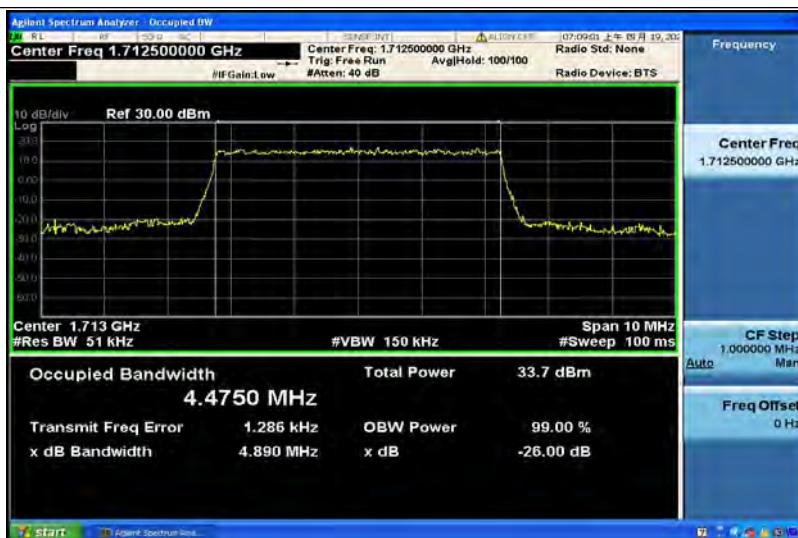
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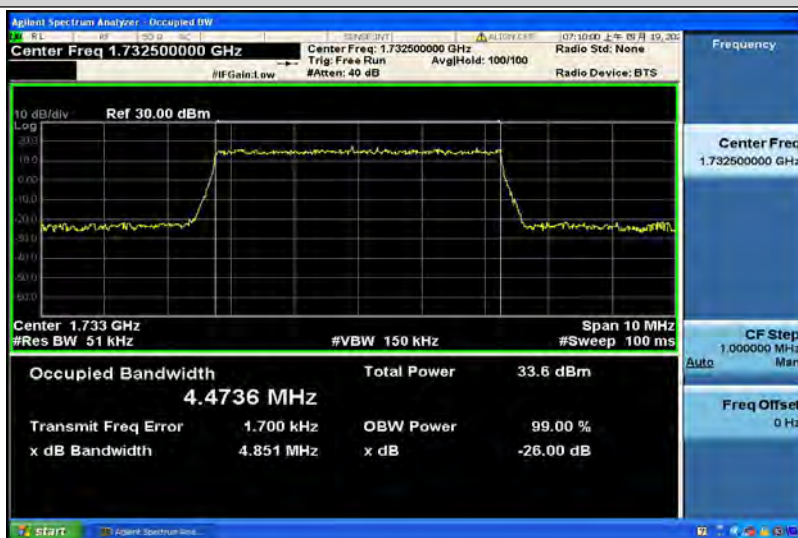
Band4-5MHz-QPSK-19975-25RB#0-4.4750



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Band4-5MHz-QPSK-20175-25RB#0-4.4736



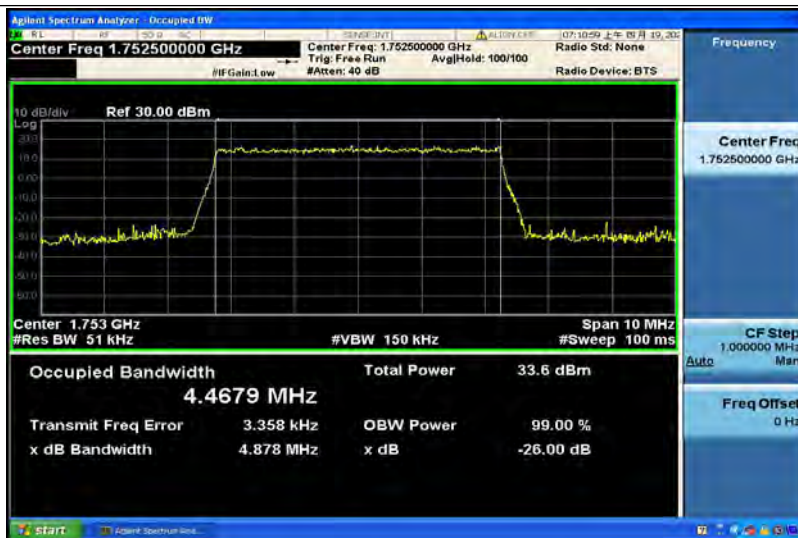
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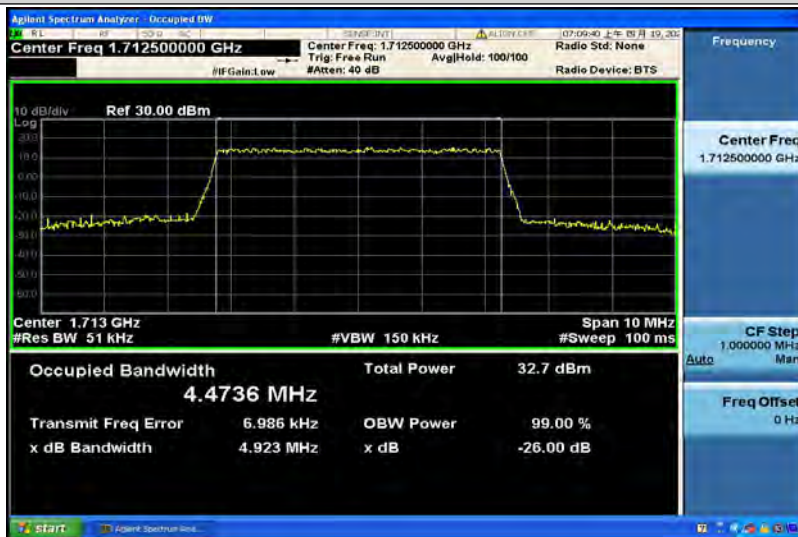
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Band4-5MHz-64QAM-19975-25RB#0-4.4736



Band4-5MHz-64QAM-20175-25RB#0-4.4685



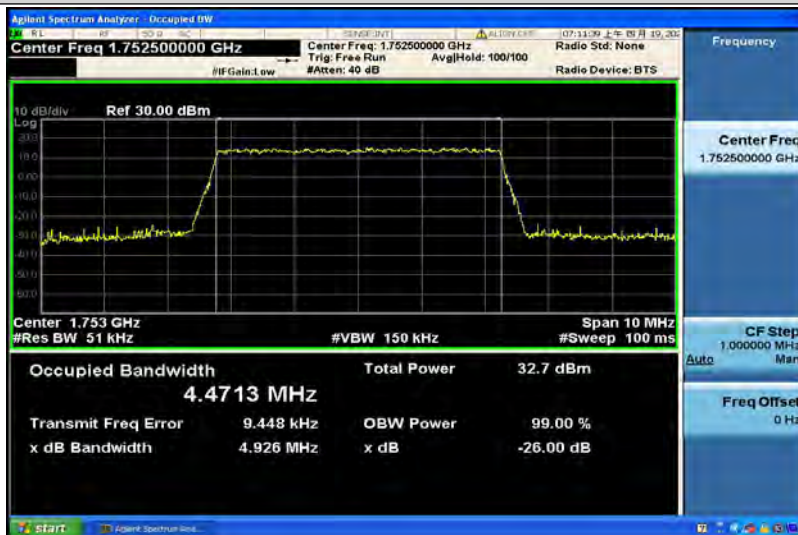
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Band4-5MHz-64QAM-20375-25RB#0-4.4713



Band4-5MHz-16QAM-19975-25RB#0-4.4891



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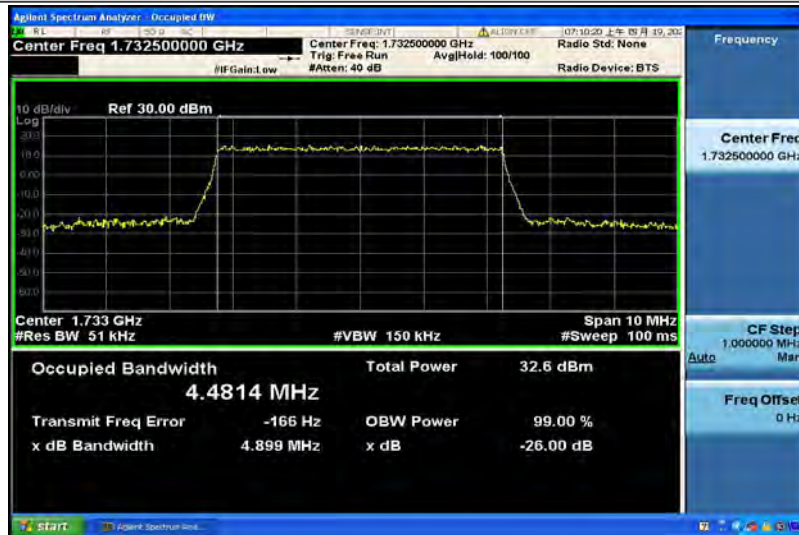
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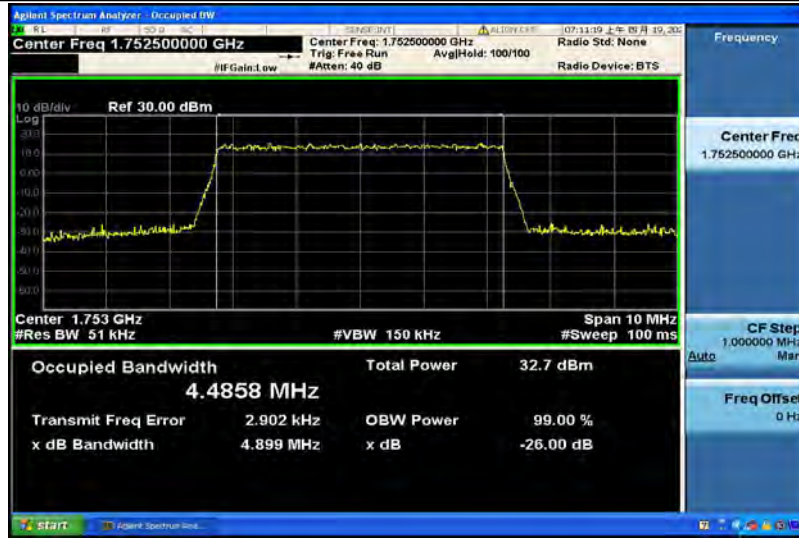
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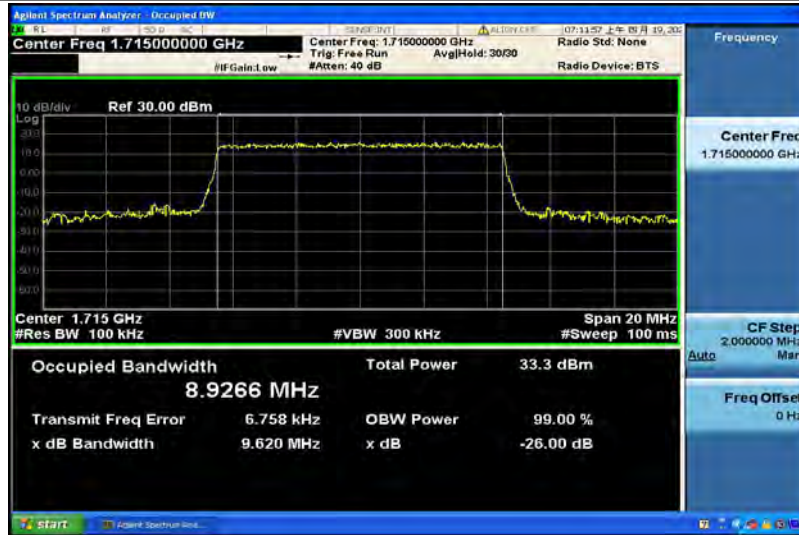
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Band4-10MHz-QPSK-20000-50RB#0-8.9266



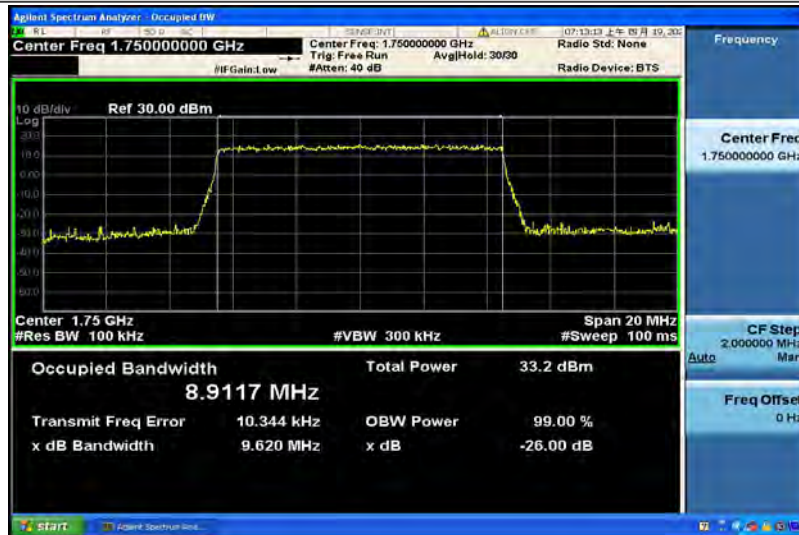
Band4-10MHz-QPSK-20175-50RB#0-8.9237



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Band4-10MHz-QPSK-20350-50RB#0-8.9117

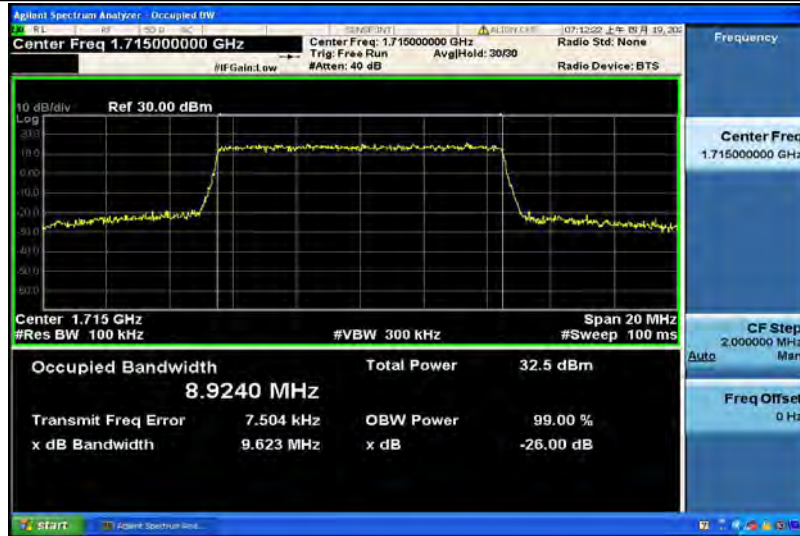


Band4-10MHz-64QAM-20000-50RB#0-8.9240

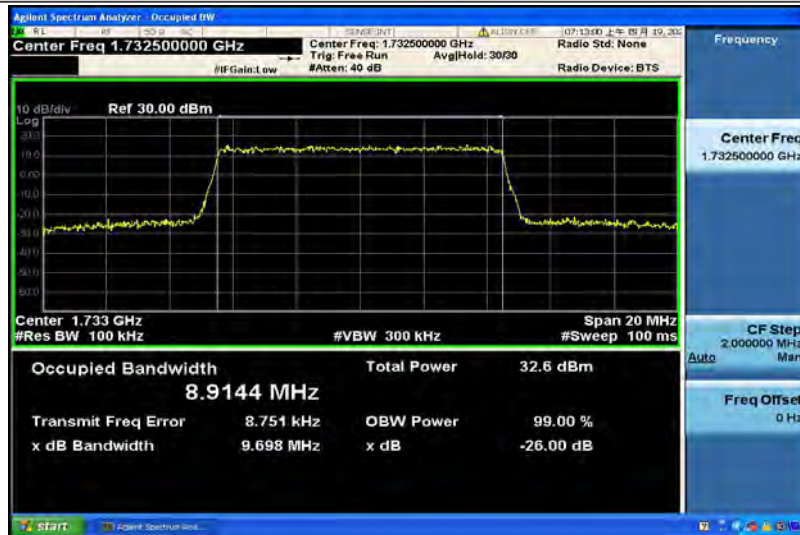


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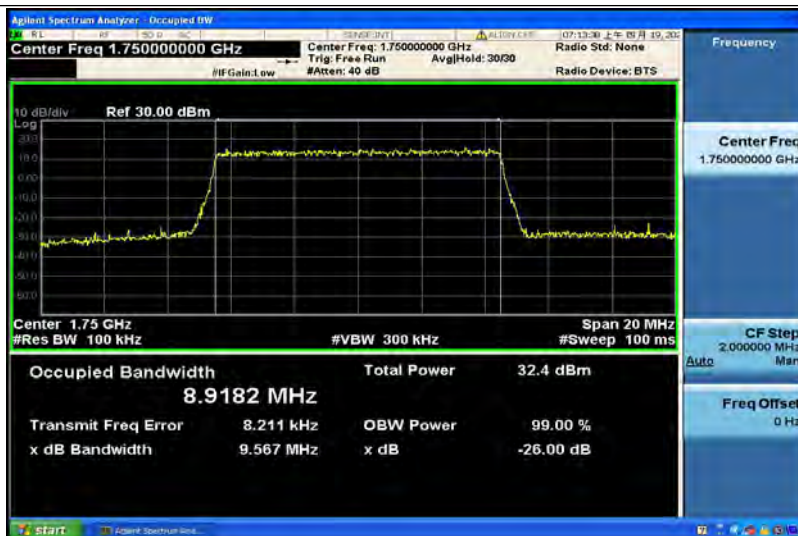
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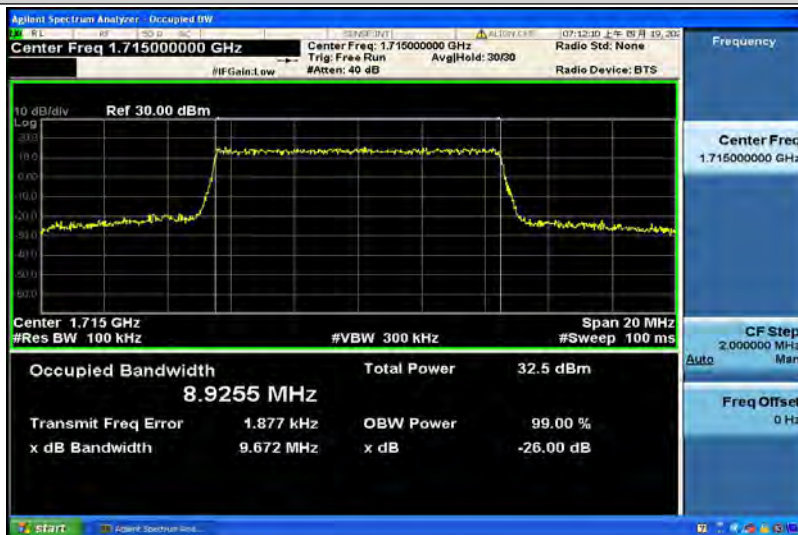
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Band4-10MHz-16QAM-20000-50RB#0-8.9255



Band4-10MHz-16QAM-20175-50RB#0-8.9217



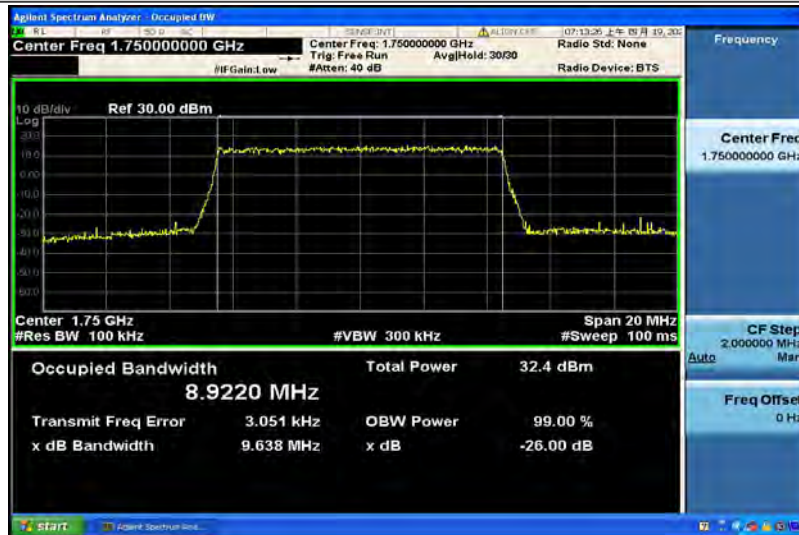
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**Band4-10MHz-16QAM-20350-50RB#0-8.9220**



**Band4-15MHz-QPSK-20025-75RB#0-13.455**



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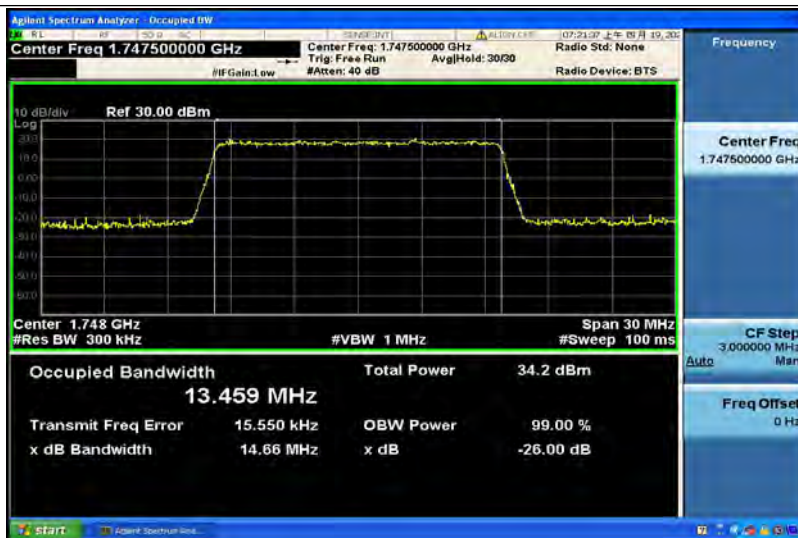
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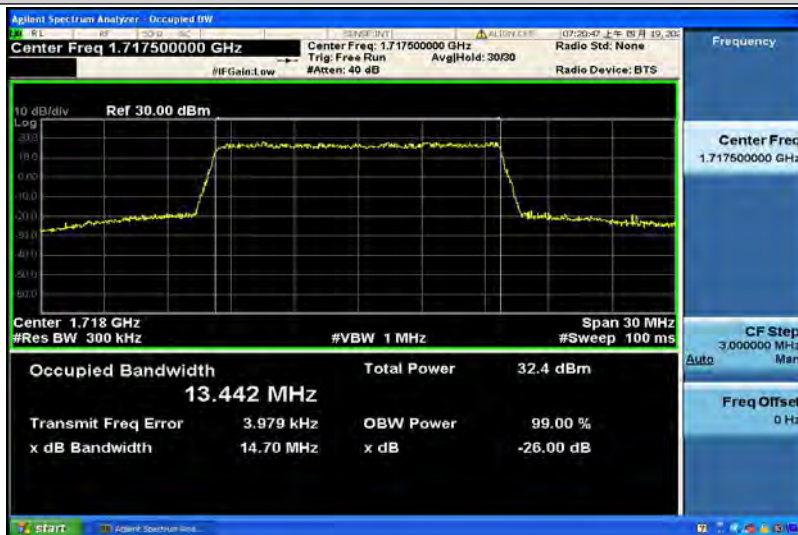
Band4-15MHz-QPSK-20325-75RB#0-13.459



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Band4-15MHz-64QAM-20025-75RB#0-13.442

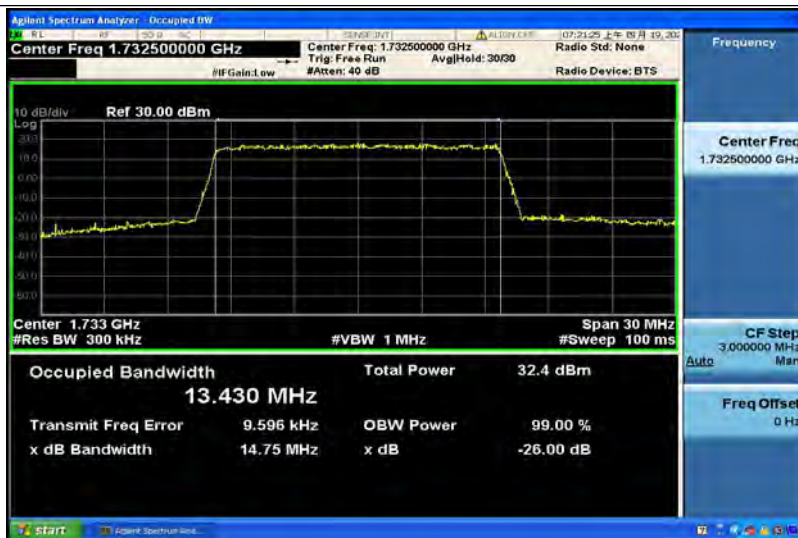


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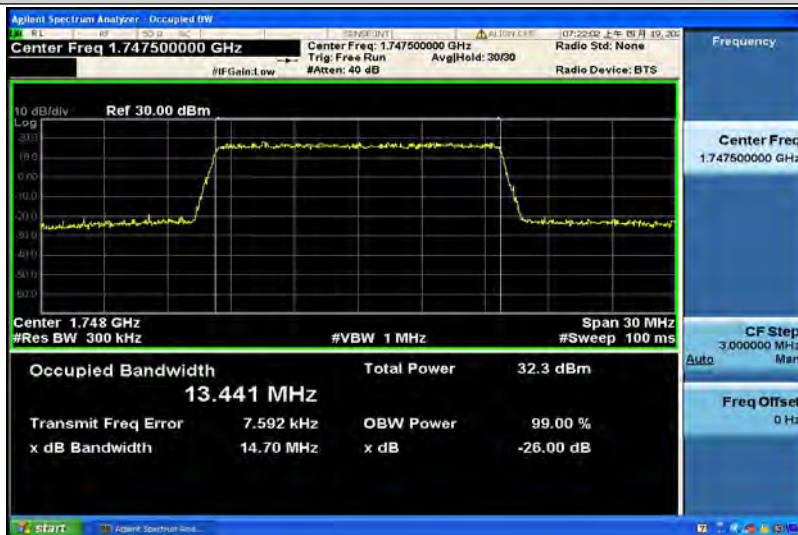


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Band4-15MHz-64QAM-20325-75RB#0-13.441



Band4-15MHz-16QAM-20025-75RB#0-13.465



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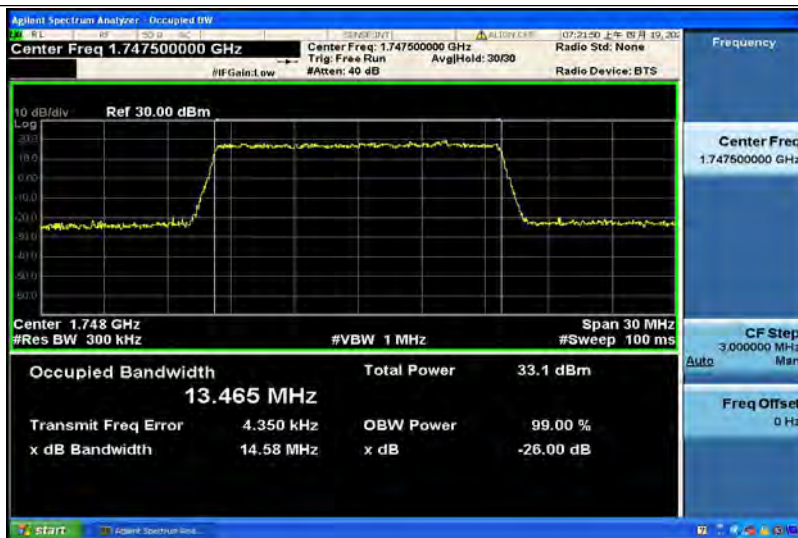
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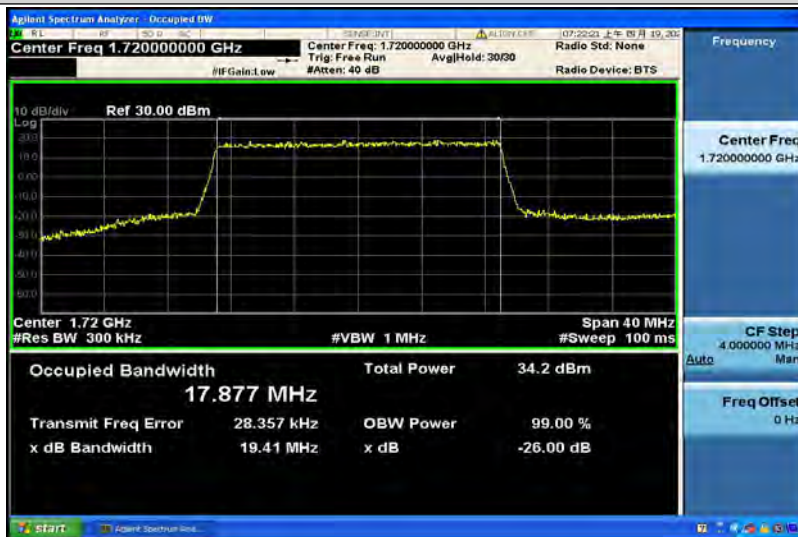
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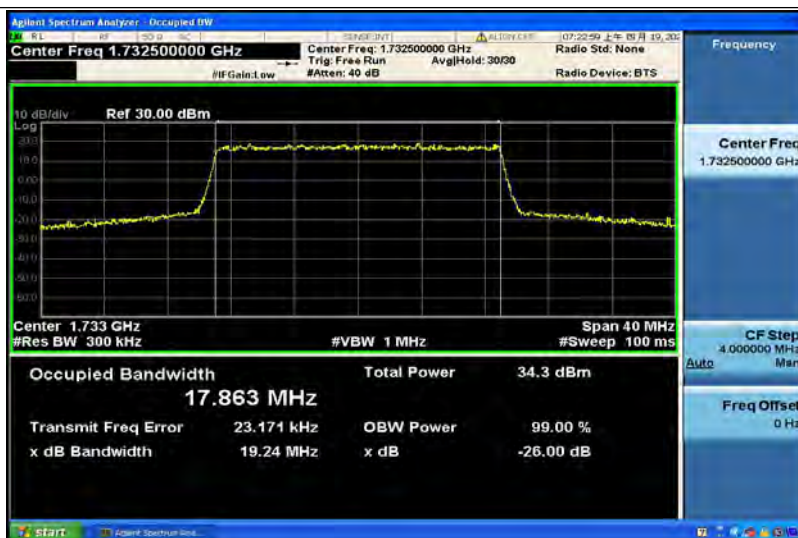
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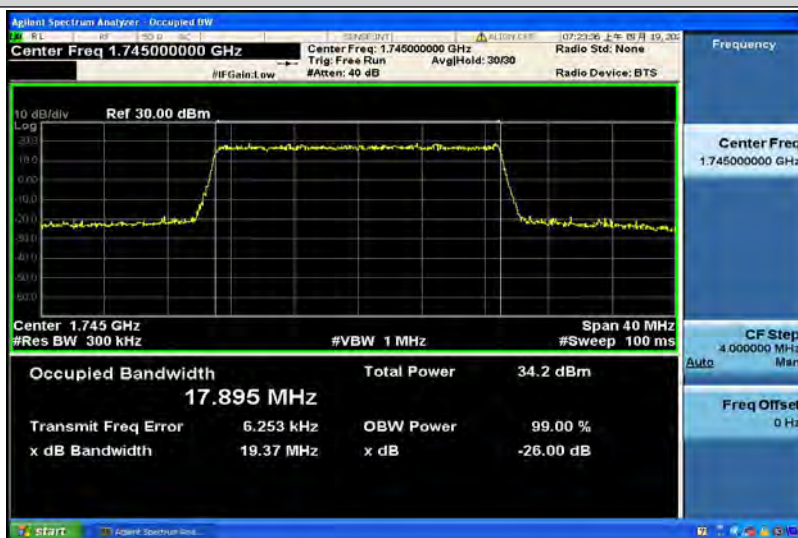
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Band4-20MHz-QPSK-20300-100RB#0-17.895



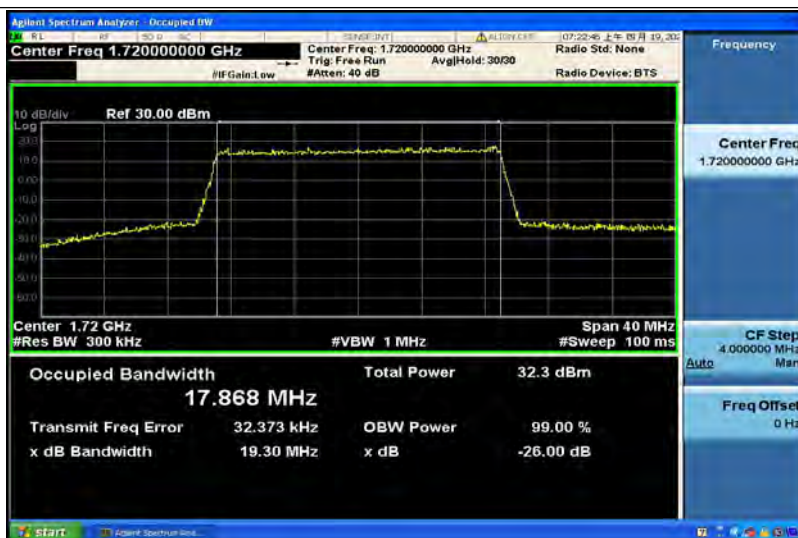
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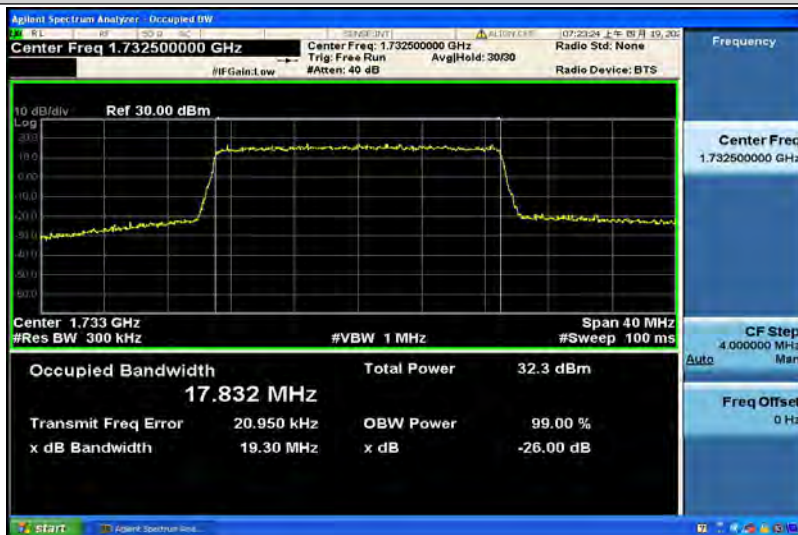
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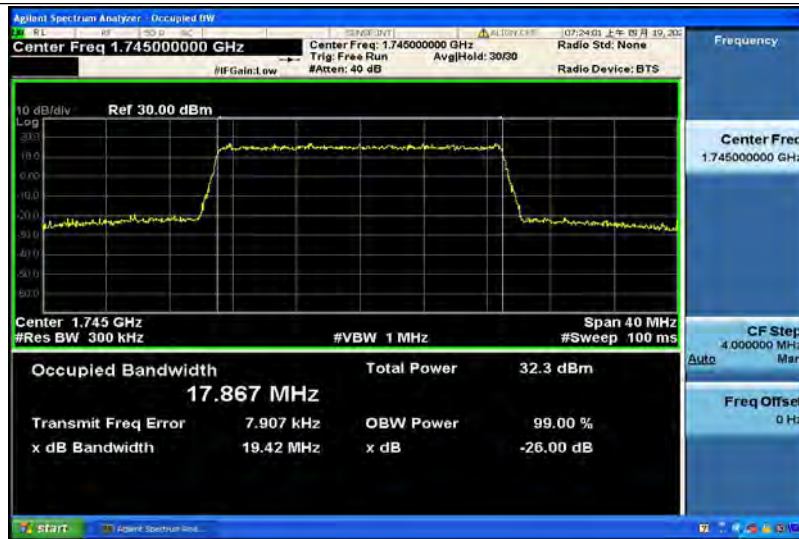
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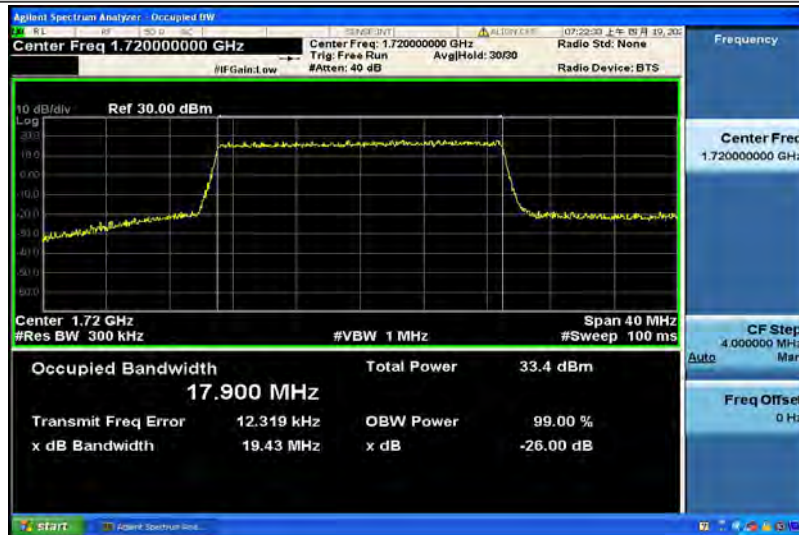
Band4-20MHz-64QAM-20300-100RB#0-17.867



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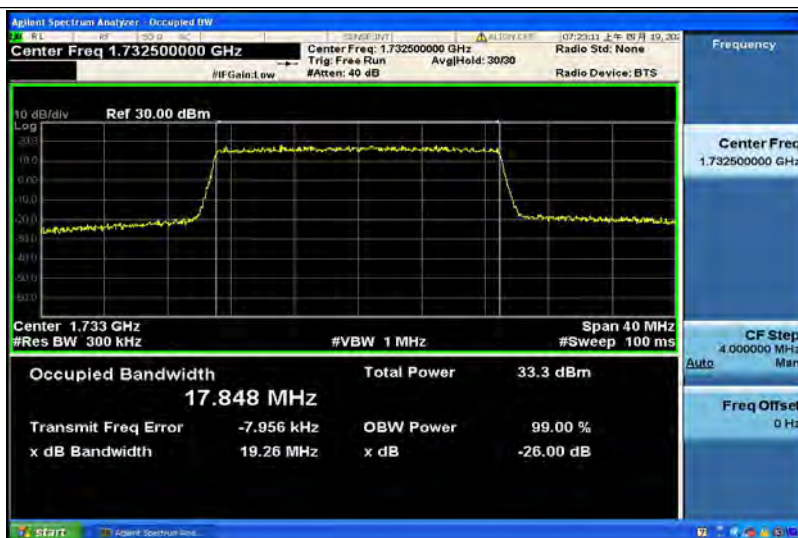
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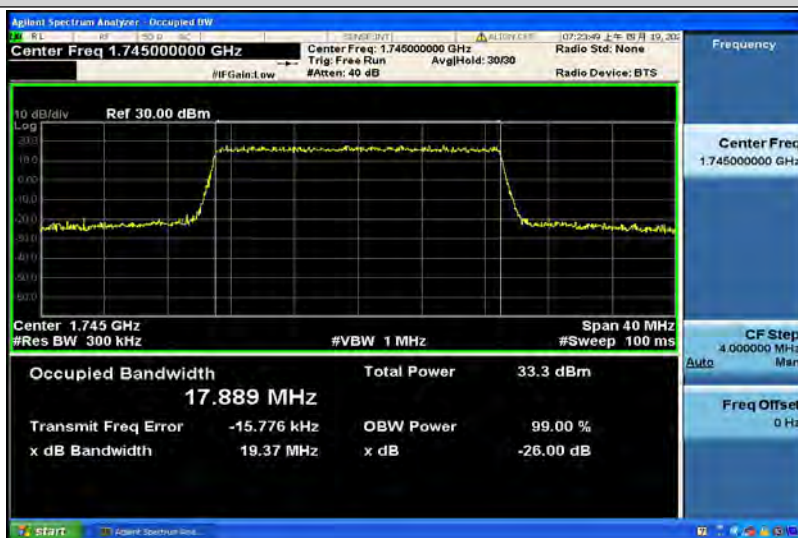
Band4-20MHz-16QAM-20175-100RB#0-17.848



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## 5. Band Edge Compliance

### 5.1. Test Plots

Band4-1.4MHz-QPSK-19957-1RB#0



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



Band4-1.4MHz-QPSK-20393-1RB#5



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



Band4-1.4MHz-64QAM-19957-1RB#0



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Band4-1.4MHz-64QAM-20393-1RB#5



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Band4-1.4MHz-64QAM-20393-6RB#0



Band4-1.4MHz-16QAM-19957-1RB#0



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



Band4-1.4MHz-16QAM-20393-1RB#5



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Band4-3MHz-QPSK-19965-1RB#0



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



Band4-3MHz-QPSK-20385-1RB#14



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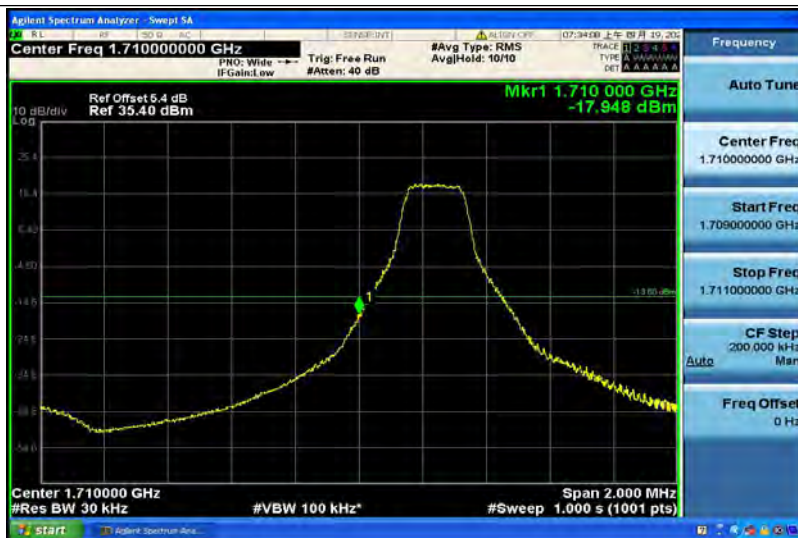
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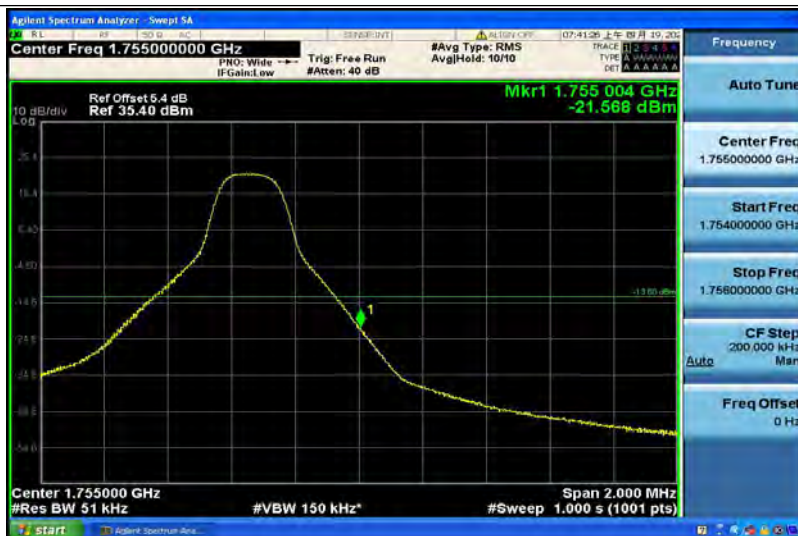


Band4-5MHz-QPSK-19975-1RB#0



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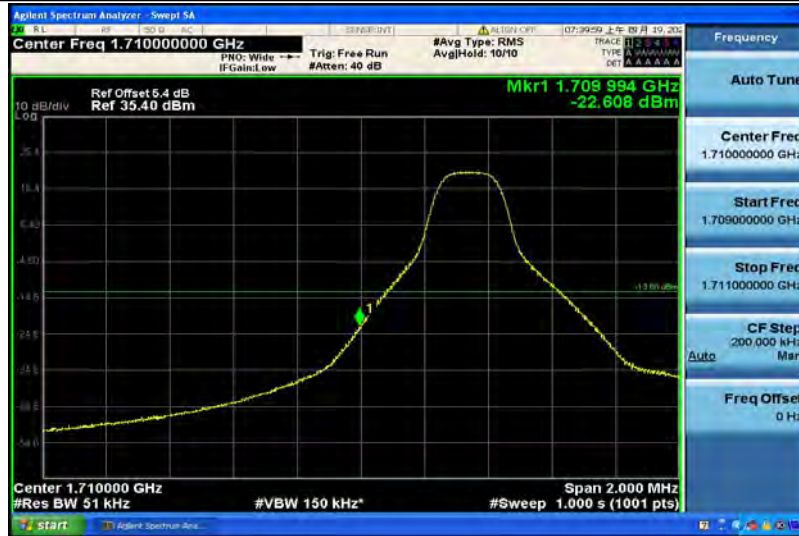
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Band4-5MHz-64QAM-19975-25RB#0



Band4-5MHz-64QAM-20375-1RB#24



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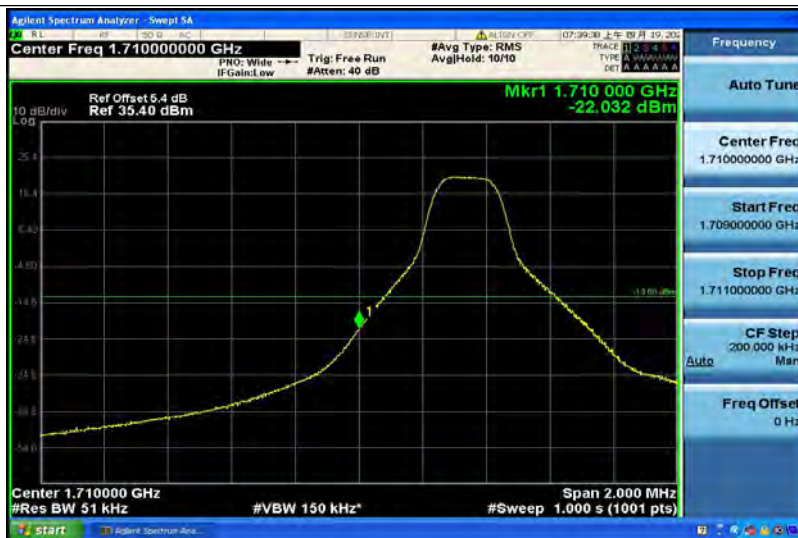
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Band4-5MHz-16QAM-20375-25RB#0



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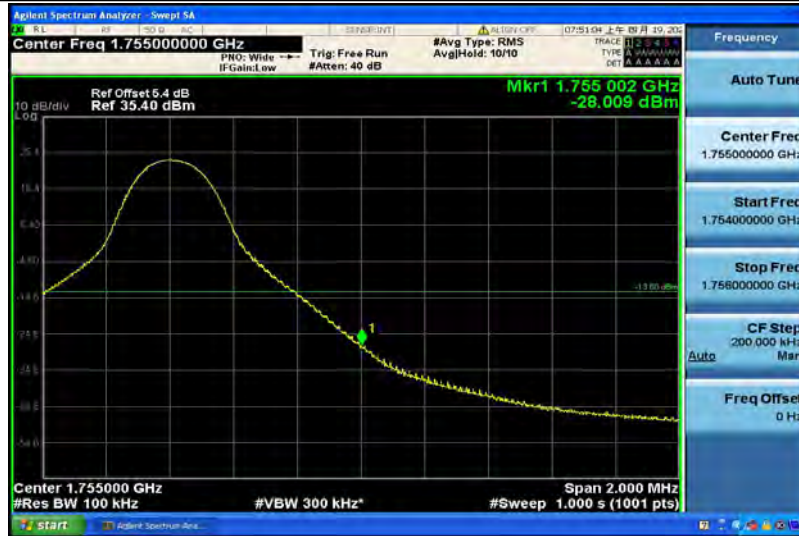
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Band4-10MHz-QPSK-20350-1RB#49



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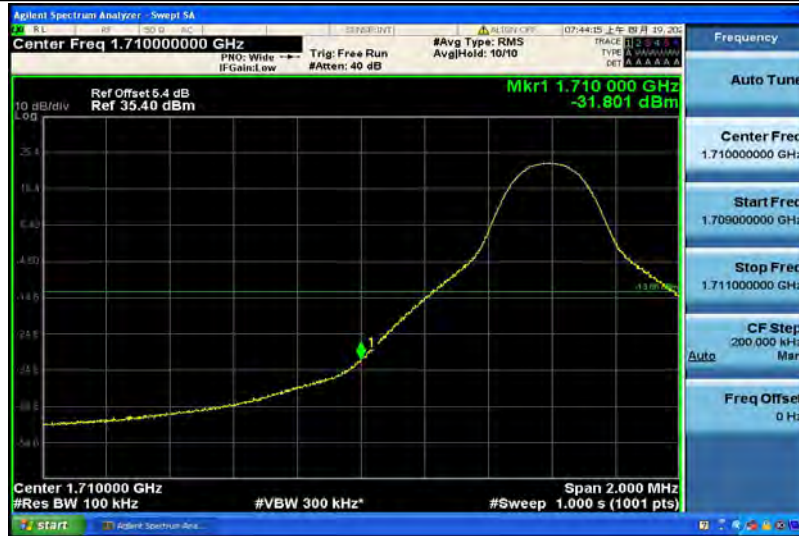
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Band4-10MHz-64QAM-20350-50RB#0



Band4-10MHz-16QAM-20000-1RB#0



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



Band4-10MHz-16QAM-20350-1RB#49



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



Band4-15MHz-QPSK-20025-1RB#0



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



Band4-15MHz-QPSK-20325-1RB#74



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



Band4-15MHz-64QAM-20025-1RB#0



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Band4-15MHz-64QAM-20025-75RB#0



Band4-15MHz-64QAM-20325-1RB#74



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Band4-15MHz-64QAM-20325-75RB#0



Band4-15MHz-16QAM-20025-1RB#0



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



Band4-15MHz-16QAM-20325-1RB#74



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



Band4-20MHz-QPSK-20050-1RB#0



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



Band4-20MHz-QPSK-20300-1RB#99



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



Band4-20MHz-64QAM-20050-1RB#0



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Band4-20MHz-64QAM-20050-100RB#0



Band4-20MHz-64QAM-20300-1RB#99



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Band4-20MHz-16QAM-20050-1RB#0



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Band4-20MHz-16QAM-20300-1RB#99



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## 6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =  $k * (Span / RBW)$ " with  $k$  between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.

### 6.1. Test Plots



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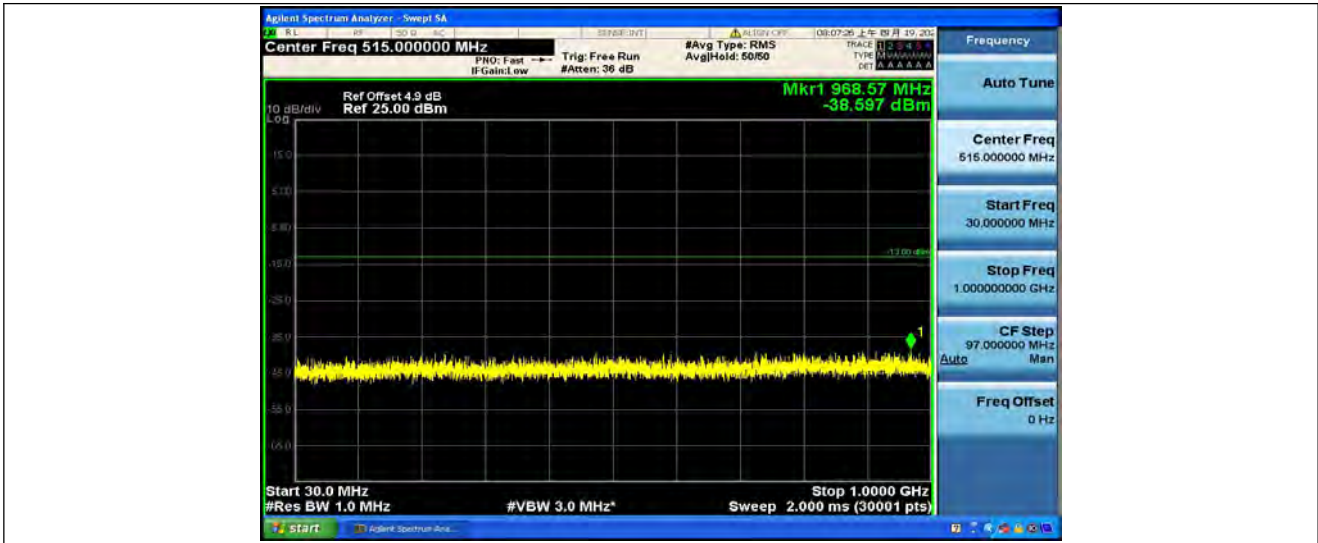
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Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



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Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~5000MHz



Band4-20MHz-QPSK-20175-1RB#0-Range3:5000~12000MHz



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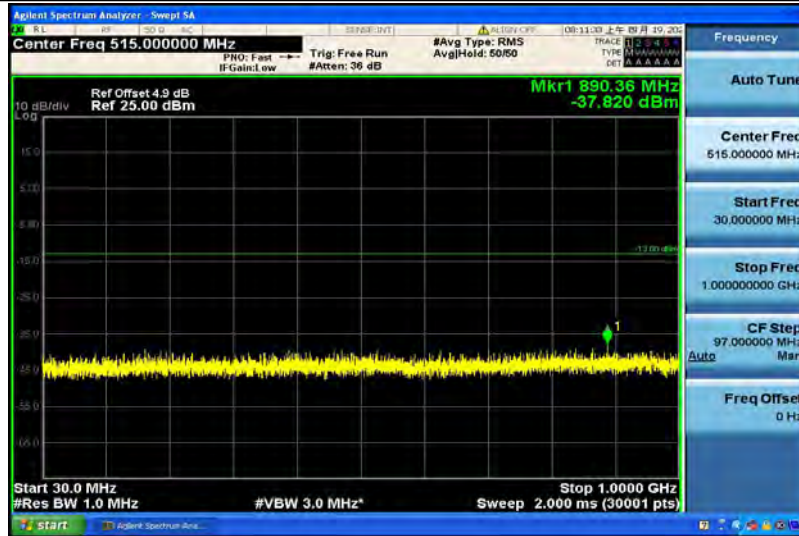
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Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz



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Band4-20MHz-QPSK-20300-1RB#0-Range3:5000~12000MHz



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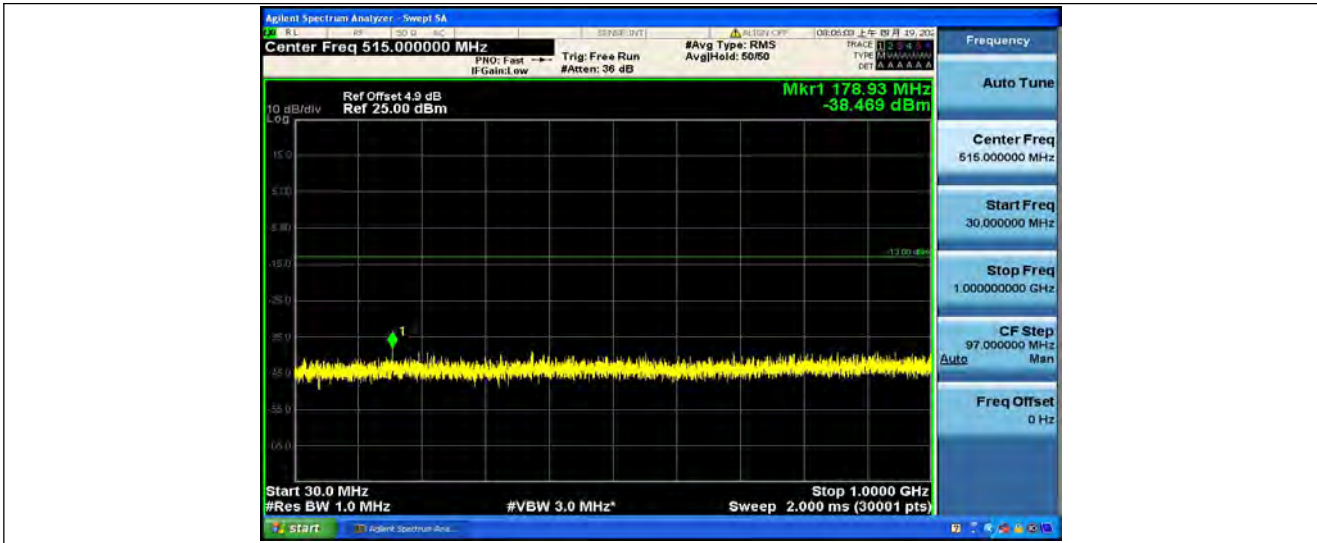
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Band4-20MHz-64QAM-20050-1RB#0-Range1:30~1000MHz



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Band4-20MHz-64QAM-20050-1RB#0-Range3:5000~12000MHz



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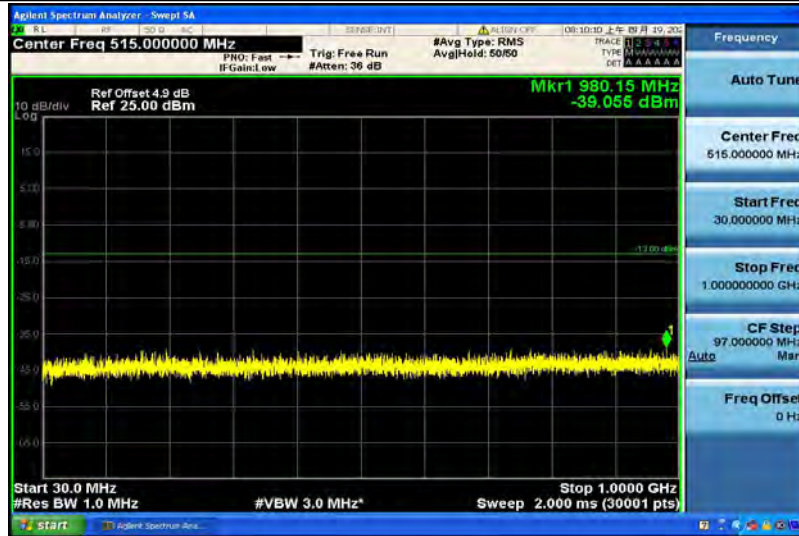
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Band4-20MHz-64QAM-20175-1RB#0-Range1:30~1000MHz



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Band4-20MHz-64QAM-20175-1RB#0-Range2:1000~5000MHz



Band4-20MHz-64QAM-20175-1RB#0-Range3:5000~12000MHz



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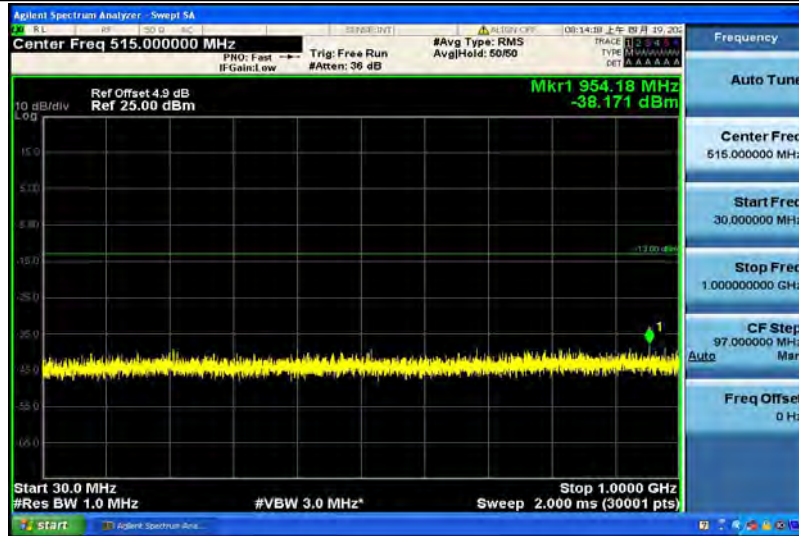
Band4-20MHz-64QAM-20175-1RB#0-Range4:12000~26500MHz



Band4-20MHz-64QAM-20300-1RB#0-Range1:30~1000MHz



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Band4-20MHz-64QAM-20300-1RB#0-Range3:5000~12000MHz



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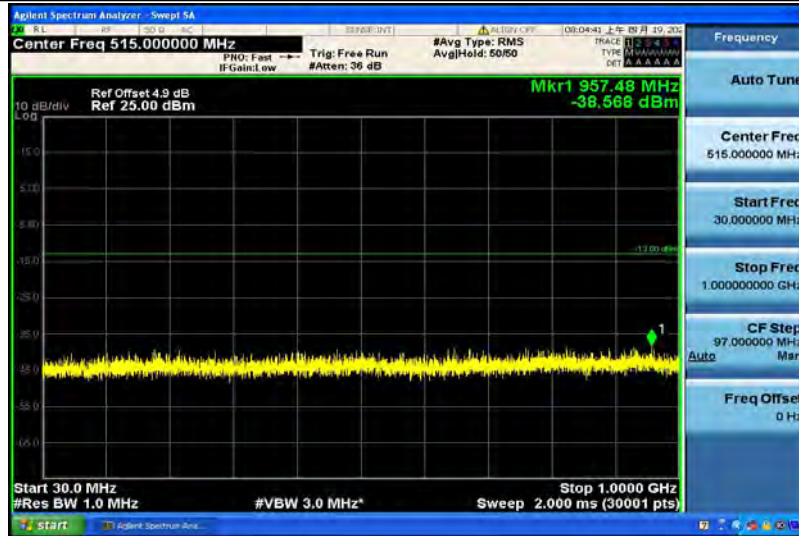
Band4-20MHz-64QAM-20300-1RB#0-Range4:12000~26500MHz



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



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Band4-20MHz-16QAM-20050-1RB#0-Range3:5000~12000MHz



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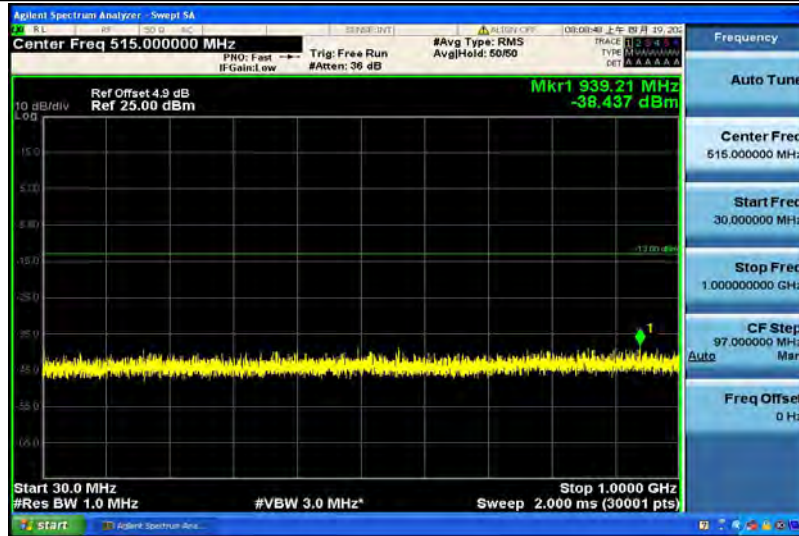
Band4-20MHz-16QAM-20050-1RB#0-Range4:12000~26500MHz



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



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Band4-20MHz-16QAM-20175-1RB#0-Range3:5000~12000MHz



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Band4-20MHz-16QAM-20175-1RB#0-Range4:12000~26500MHz

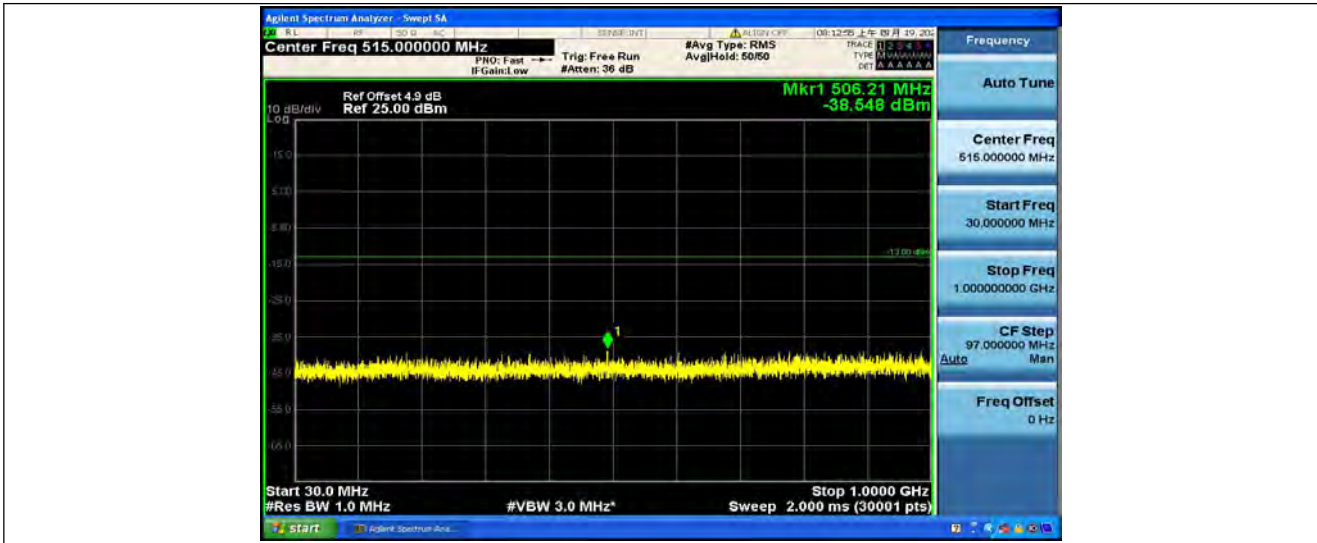


Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz



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Band4-20MHz-16QAM-20300-1RB#0-Range3:5000~12000MHz



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## 7. Field Strength of Spurious Radiation

### 7.1. Test Mode =LTE/TM1 (Down Ant)

#### 7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
67.8319	-68.95	-13.00	55.95	Vertical
115.2673	-64.72	-13.00	51.72	Vertical
614.6482	-63.88	-13.00	50.88	Vertical
2698.7397	-36.67	-13.00	23.67	Vertical
3422.0141	-54.71	-13.00	41.71	Vertical
17997.4999	-39.96	-13.00	26.96	Vertical
43.4352	-64.85	-13.00	51.85	Horizontal
238.8514	-67.53	-13.00	54.53	Horizontal
605.6268	-63.80	-13.00	50.80	Horizontal
2702.7405	-35.42	-13.00	22.42	Horizontal
3422.5141	-53.20	-13.00	40.20	Horizontal
16384.4461	-43.26	-13.00	30.26	Horizontal

#### 7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
58.0344	-72.53	-13.00	59.53	Vertical
111.4841	-64.54	-13.00	51.54	Vertical
601.6981	-63.57	-13.00	50.57	Vertical
2706.7413	-36.49	-13.00	23.49	Vertical
3447.5149	-55.19	-13.00	42.19	Vertical
17993.4998	-39.84	-13.00	26.84	Vertical
43.0472	-63.84	-13.00	50.84	Horizontal
242.3436	-68.01	-13.00	55.01	Horizontal
588.7479	-64.03	-13.00	51.03	Horizontal
2693.9388	-35.14	-13.00	22.14	Horizontal
3447.0149	-53.73	-13.00	40.73	Horizontal
16399.9467	-43.87	-13.00	30.87	Horizontal



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### 7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
49.8375	-72.81	-13.00	59.81	Vertical
108.7194	-65.07	-13.00	52.07	Vertical
603.2017	-63.59	-13.00	50.59	Vertical
2701.1402	-36.54	-13.00	23.54	Vertical
3472.0157	-55.03	-13.00	42.03	Vertical
17993.4998	-40.22	-13.00	27.22	Vertical
45.7633	-63.67	-13.00	50.67	Horizontal
234.2437	-68.20	-13.00	55.20	Horizontal
647.9209	-63.61	-13.00	50.61	Horizontal
2690.3381	-35.44	-13.00	22.44	Horizontal
3472.0157	-53.31	-13.00	40.31	Horizontal
16400.9467	-44.07	-13.00	31.07	Horizontal

## 7.2. Test Mode =LTE/TM1 (Up Ant)

### 7.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
49.5465	-71.79	-13.00	58.79	Vertical
109.3015	-64.98	-13.00	51.98	Vertical
615.4728	-63.98	-13.00	50.98	Vertical
2700.3401	-36.68	-13.00	23.68	Vertical
7348.6450	-56.10	-13.00	43.10	Vertical
17993.4998	-40.37	-13.00	27.37	Vertical
43.7747	-63.55	-13.00	50.55	Horizontal
231.4306	-68.30	-13.00	55.30	Horizontal
558.8704	-64.95	-13.00	51.95	Horizontal
2699.5399	-35.47	-13.00	22.47	Horizontal
7403.6468	-56.54	-13.00	43.54	Horizontal
16386.4462	-44.10	-13.00	31.10	Horizontal



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### 7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
50.7105	-72.16	-13.00	59.16	Vertical
105.1303	-64.45	-13.00	51.45	Vertical
601.6496	-63.96	-13.00	50.96	Vertical
2705.5411	-36.64	-13.00	23.64	Vertical
7962.1654	-55.72	-13.00	42.72	Vertical
17999.5000	-40.33	-13.00	27.33	Vertical
45.3268	-64.05	-13.00	51.05	Horizontal
238.0754	-68.99	-13.00	55.99	Horizontal
626.9193	-64.31	-13.00	51.31	Horizontal
2699.5399	-35.43	-13.00	22.43	Horizontal
7485.6495	-56.48	-13.00	43.48	Horizontal
16372.9458	-44.19	-13.00	31.19	Horizontal

### 7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
69.3840	-69.13	-13.00	56.13	Vertical
111.6296	-63.99	-13.00	50.99	Vertical
387.9479	-68.16	-13.00	55.16	Vertical
2678.7357	-36.59	-13.00	23.59	Vertical
7355.1452	-55.76	-13.00	42.76	Vertical
17996.9999	-40.19	-13.00	27.19	Vertical
45.2783	-64.34	-13.00	51.34	Horizontal
226.0953	-68.45	-13.00	55.45	Horizontal
590.9305	-63.93	-13.00	50.93	Horizontal
2702.3405	-35.42	-13.00	22.42	Horizontal
7448.6483	-56.31	-13.00	43.31	Horizontal
16400.4467	-43.87	-13.00	30.87	Horizontal

**Remark:**

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.



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## 8. Frequency Stability

### 8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	4.00	0.002326	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	2.10	0.001221	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	-11.10	-0.006453	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-8.70	-0.005022	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	-0.40	-0.000231	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-3.90	-0.002251	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	5.60	0.003209	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-7.20	-0.004126	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	6.70	0.003840	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VL	NT	-5.70	-0.003314	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VN	NT	-4.50	-0.002616	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VH	NT	-0.40	-0.000233	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VL	NT	-6.10	-0.003521	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VN	NT	-4.80	-0.002771	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VH	NT	-6.30	-0.003636	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VL	NT	5.60	0.003209	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VN	NT	-1.10	-0.000630	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VH	NT	-6.40	-0.003668	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	-5.50	-0.003198	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	-6.60	-0.003837	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	-7.50	-0.004360	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	5.70	0.003290	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	2.80	0.001616	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	-8.80	-0.005079	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	-8.80	-0.005043	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-8.60	-0.004928	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	3.80	0.002178	±2.5	PASS

### 8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	7.60	0.004419	±2.5	PASS



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Band4	20MHz	QPSK	20050	100RB#0	NV	-20	-8.00	-0.004651	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	3.50	0.002035	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	3.20	0.001860	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	-3.20	-0.001860	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	-7.80	-0.004535	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	5.50	0.003198	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	-6.00	-0.003488	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	1.20	0.000693	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-9.50	-0.005483	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	4.60	0.002655	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	3.00	0.001732	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-6.90	-0.003983	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	0.10	0.000058	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	1.50	0.000866	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-4.00	-0.002309	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	5.10	0.002923	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	6.90	0.003954	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	0.60	0.000344	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-1.70	-0.000974	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-3.70	-0.002120	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-4.60	-0.002636	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-1.50	-0.000860	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-7.90	-0.004527	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-30	-0.80	-0.000465	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-20	-0.50	-0.000291	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	0	-0.80	-0.000465	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	10	-5.30	-0.003081	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	20	-10.00	-0.005814	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	30	5.70	0.003314	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	40	0.60	0.000349	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	50	-8.90	-0.005174	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-30	5.70	0.003290	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-20	-2.60	-0.001501	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	0	-3.70	-0.002136	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	10	7.10	0.004098	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	20	-10.90	-0.006291	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	30	-7.70	-0.004444	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	40	-6.60	-0.003810	±2.5	PASS



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Band4	20MHz	64QAM	20175	100RB#0	NV	50	-5.80	-0.003348	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-30	-7.10	-0.004069	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-20	-8.40	-0.004814	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	0	-3.80	-0.002178	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	10	6.30	0.003610	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	20	-10.10	-0.005788	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	30	4.80	0.002751	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	40	-0.10	-0.000057	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	50	1.10	0.000630	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	-11.80	-0.006860	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	-7.50	-0.004360	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	-6.50	-0.003779	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	-8.70	-0.005058	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	-2.80	-0.001628	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	4.00	0.002326	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	-5.80	-0.003372	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	-0.30	-0.000174	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	-3.40	-0.001962	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	-5.70	-0.003290	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	-9.80	-0.005657	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	-5.50	-0.003175	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	0.40	0.000231	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	-5.20	-0.003001	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	-0.70	-0.000404	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	5.60	0.003232	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	0.80	0.000458	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-10.60	-0.006074	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	6.10	0.003496	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	8.00	0.004585	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-8.10	-0.004642	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	8.20	0.004699	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	7.60	0.004355	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	0.10	0.000057	±2.5	PASS



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