LTE Band4
QPSK/16QAM 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	22.24	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.22	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.24	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.26	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.20	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.25	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.49	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.50	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.47	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.48	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.52	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.46	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.51	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.47	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.48	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.43	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.42	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.38	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.40	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.44	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.40	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.45	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.32	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.16	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.20	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.16	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.27	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.61	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.67	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.36	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.42	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.38	PASS

Band4	1.4MHz	16QAM	20175	3RB#3	21.38	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.54	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.51	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.66	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.56	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.35	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.35	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.35	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.27	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.31	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.29	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.27	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.39	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.35	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.31	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.34	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.51	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.56	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.53	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.56	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.58	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.56	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.59	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.53	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.53	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.52	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.52	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.53	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.51	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.51	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.48	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.48	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.39	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.40	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.40	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.35	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.36	PASS

Band4	3MHz	16QAM	20175	1RB#0	21.71	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.71	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.66	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.61	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.59	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.63	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.57	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.68	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.64	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.64	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.58	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.50	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.57	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.46	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.56	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.58	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.49	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.44	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.47	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.44	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.45	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.67	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.67	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.62	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.60	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.63	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.59	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.62	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.58	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.69	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.61	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.56	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.58	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.49	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.53	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.53	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.54	PASS

Band4	5MHz	16QAM	19975	1RB#24	21.51	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.45	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.47	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.43	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.49	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.64	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.67	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.66	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.60	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.61	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.61	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.62	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.82	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.81	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.81	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.53	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.58	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.58	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.54	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.46	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.38	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.54	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.51	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.52	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.43	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.51	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.53	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.52	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.56	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.65	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.62	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.63	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.64	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.55	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.49	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.54	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.58	PASS

Band4	10MHz	QPSK	20350	25RB#12	21.59	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.57	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.54	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.68	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.52	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.71	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.48	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.51	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.41	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.48	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.73	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.69	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.72	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.63	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.63	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.63	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.59	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.74	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.69	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.69	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.60	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.61	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.55	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.55	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.59	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.37	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.55	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.46	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.45	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.48	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.44	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.66	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.56	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.65	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.60	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.61	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.62	PASS

Band4	15MHz	QPSK	20175	75RB#0	21.65	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.66	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.51	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.58	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.56	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.57	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.54	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.54	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.75	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.53	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.67	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.44	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.44	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.45	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.42	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.79	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.75	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.84	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.60	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.59	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.62	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.61	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.77	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.89	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.54	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.54	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.56	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.57	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.70	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.52	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.61	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.58	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.55	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.50	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.58	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.80	PASS

Band4	20MHz	QPSK	20175	1RB#49	22.70	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.72	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.63	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.59	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.66	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.71	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.77	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.56	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.69	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.65	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.66	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.62	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.62	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.72	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.54	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.63	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.53	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.50	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.46	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.51	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.81	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.68	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.77	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.61	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.62	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.68	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.69	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.97	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.74	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.89	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.69	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.70	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.59	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.66	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	5.42	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.38	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.41	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.20	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.10	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.19	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.29	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.27	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.23	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.10	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.12	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.12	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.31	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.33	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.31	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.11	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.10	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.07	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.25	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.23	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.25	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.05	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.00	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.06	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.46	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.31	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.51	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.12	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.03	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.15	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.29	13	PASS

Band4	20MHz	QPSK	20175	100RB#0	5.10	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.39	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.06	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.95	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.11	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-QPSK-20175-25RB#0

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

Band4-5MHz-16QAM-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

Band4-15MHz-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

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

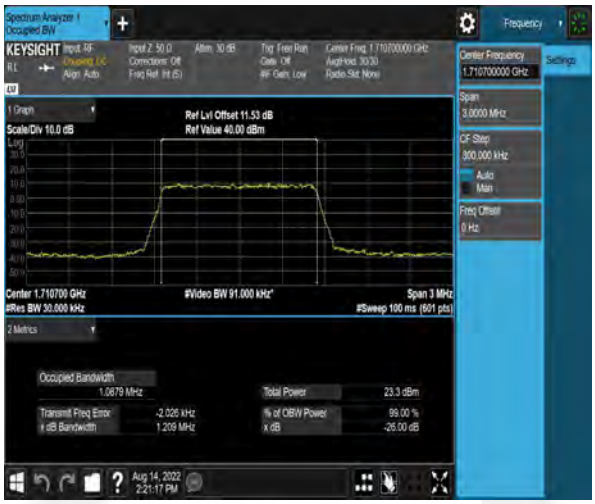
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0879	1.209	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0867	1.220	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0930	1.217	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0876	1.232	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0877	1.227	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0902	1.232	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6929	2.877	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6914	2.922	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6965	2.900	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6884	2.893	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6929	2.919	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6939	2.928	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4964	4.878	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4968	4.852	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4954	4.853	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4982	4.830	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4936	4.831	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5044	4.864	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9653	9.532	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9637	9.529	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9778	9.502	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9517	9.514	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9455	9.526	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9675	9.526	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.454	14.24	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.435	14.27	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.461	14.26	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.447	14.25	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.433	14.25	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.459	14.22	PASS

Band4	20MHz	QPSK	20050	100RB#0	17.939	18.96	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.888	18.93	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.967	18.97	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.949	18.96	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.884	18.92	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.976	18.99	PASS

Test Graphs

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

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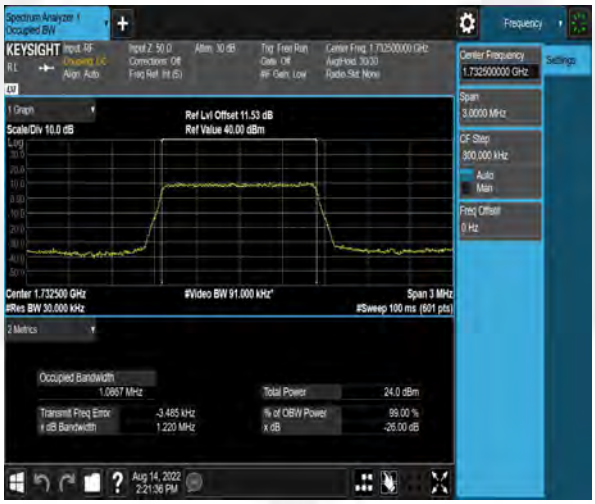
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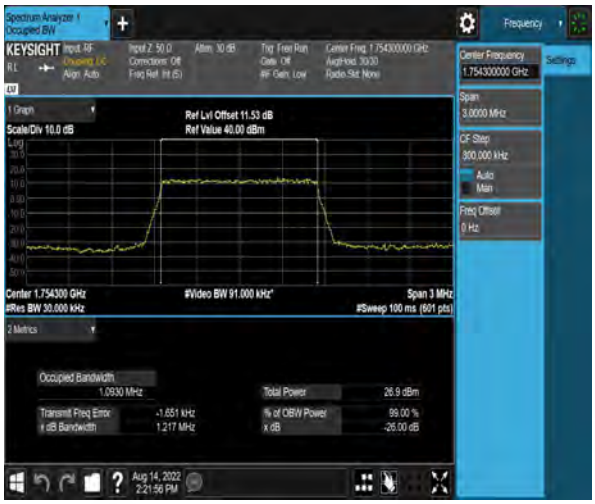
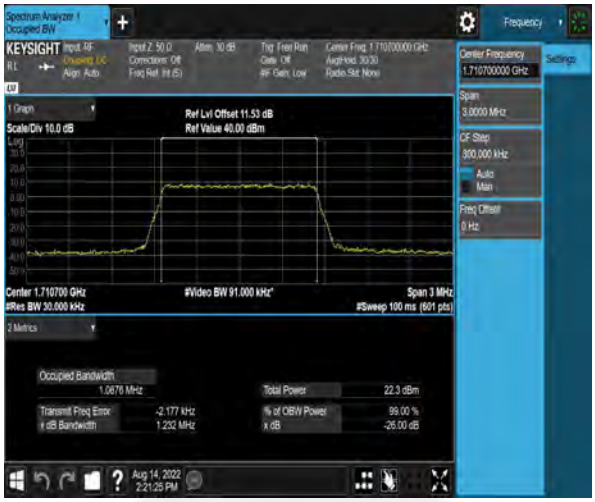
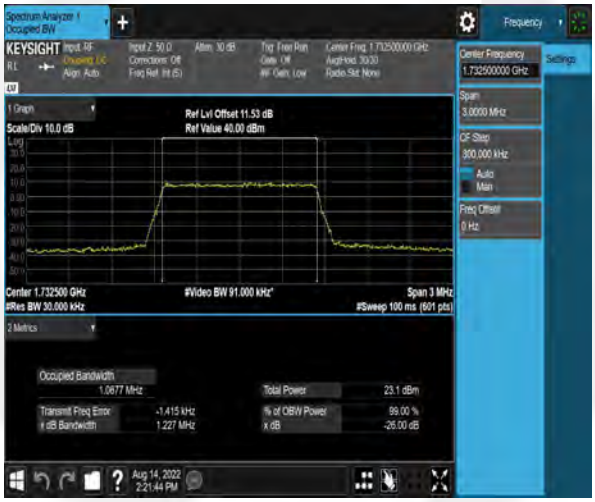


Band4-1.4MHz-16QAM-19957-6RB#0



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



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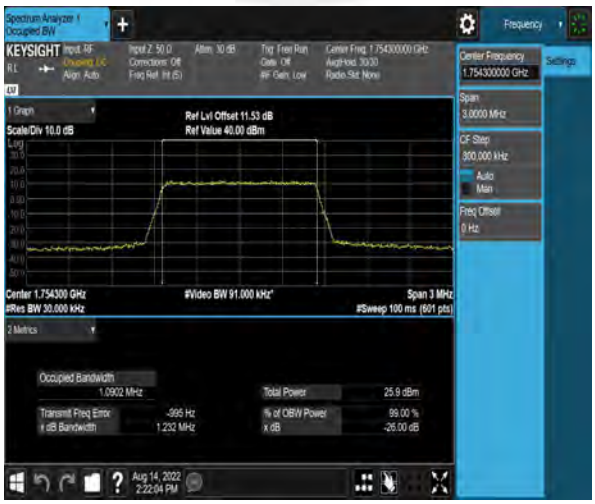
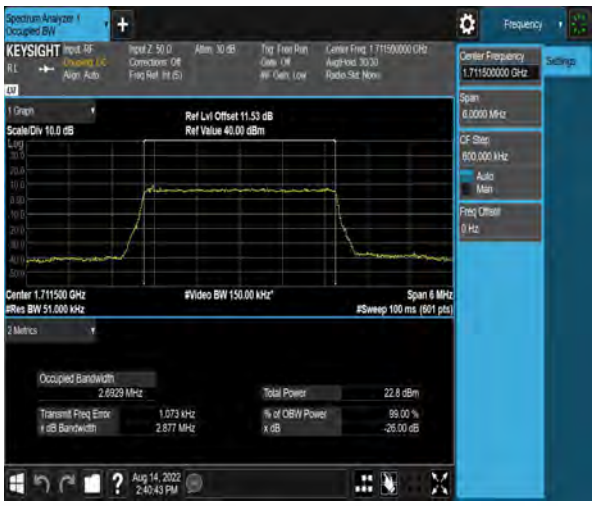
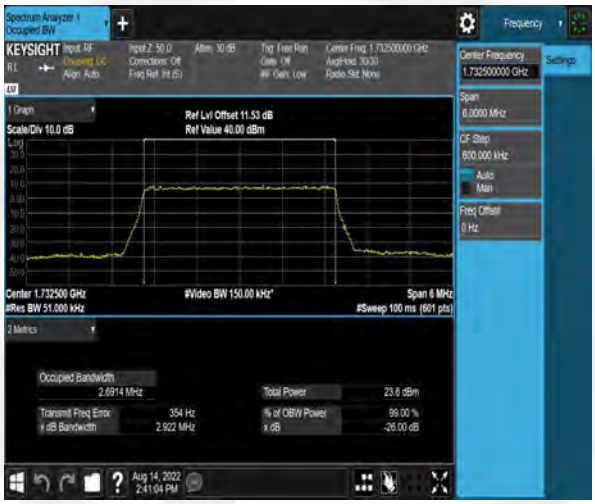


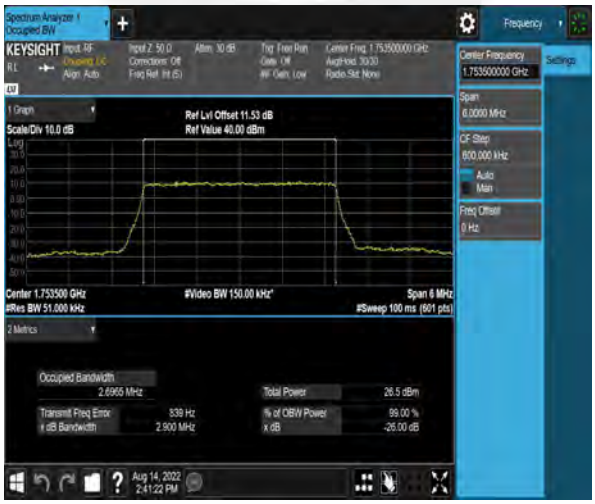
Band4-3MHz-QPSK-19965-15RB#0



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



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



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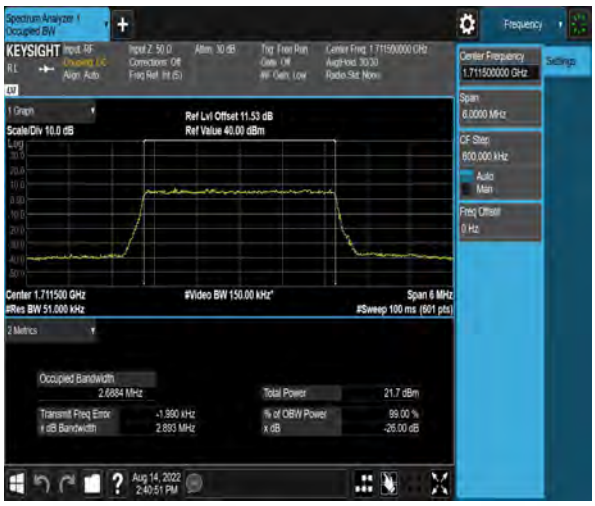
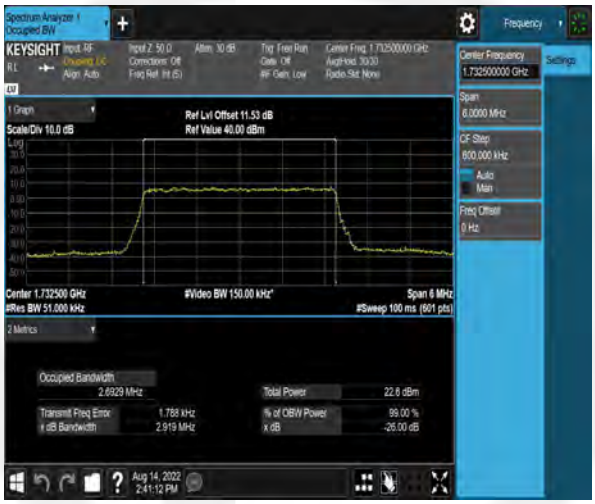
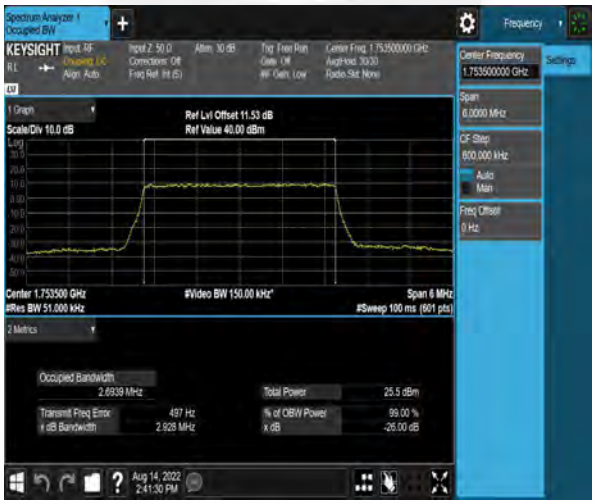


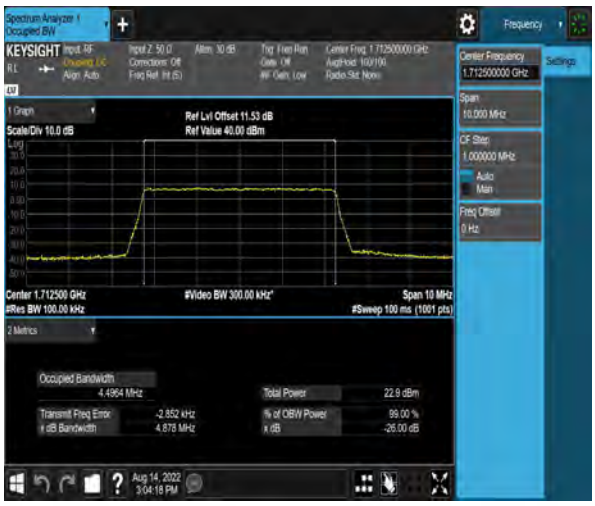
Band4-3MHz-16QAM-20175-15RB#0



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



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



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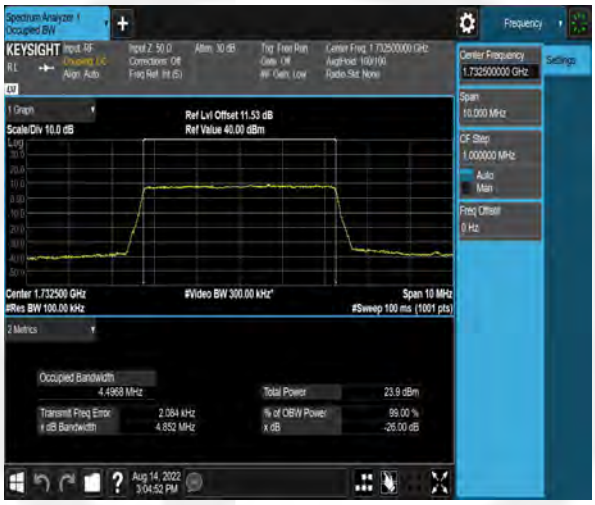
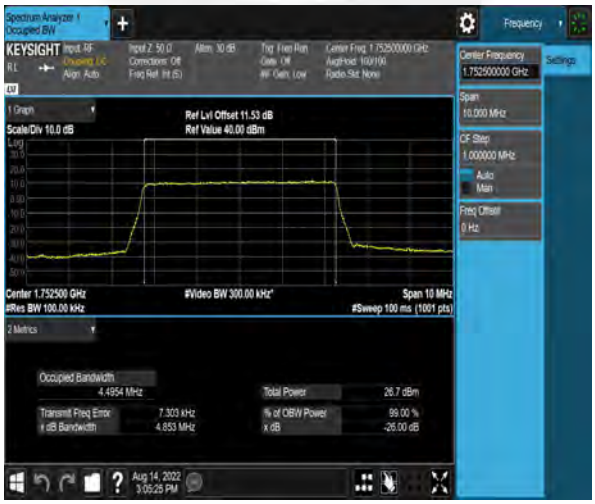


Band4-5MHz-QPSK-20375-25RB#0



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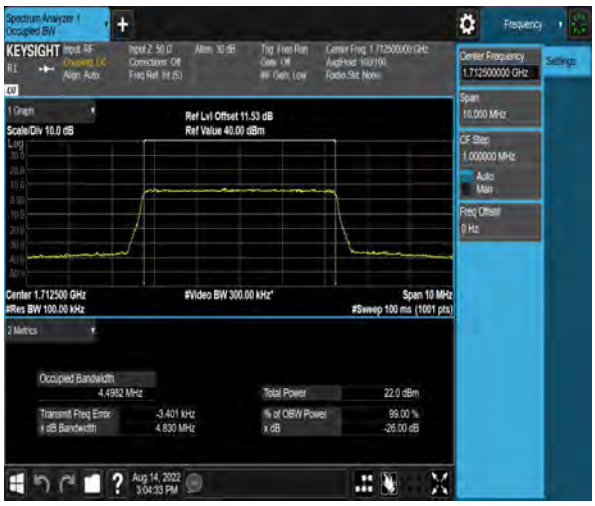

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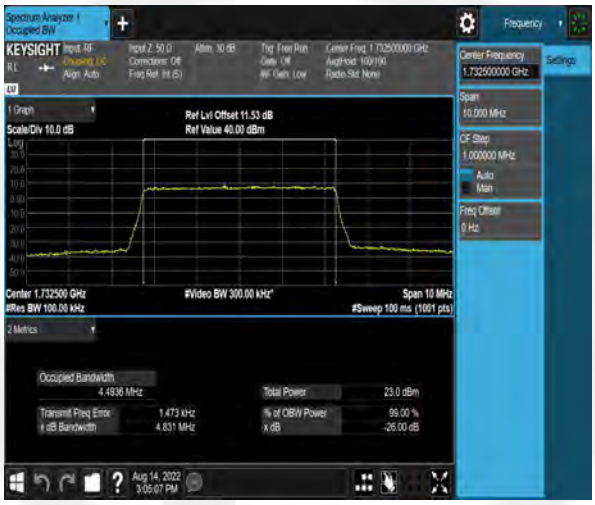

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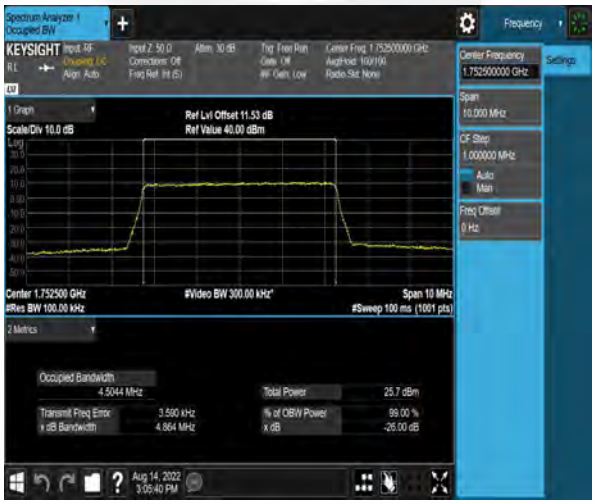
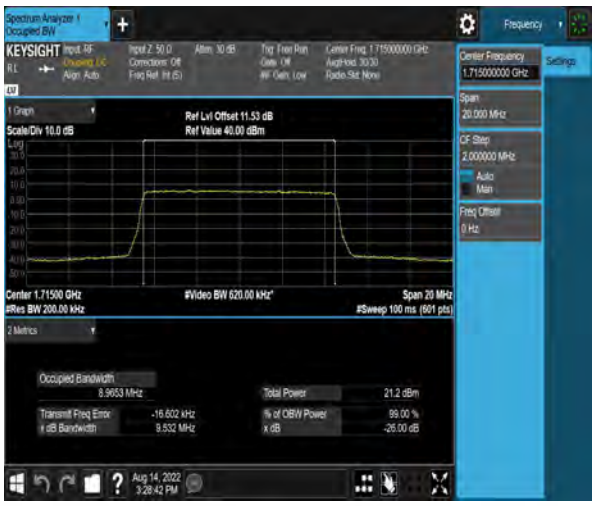
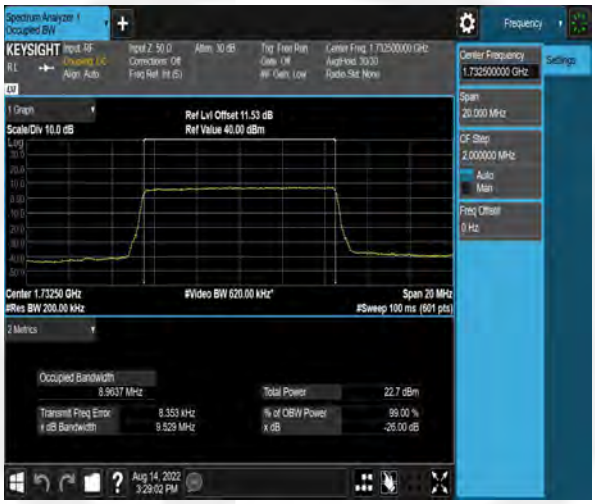


Band4-10MHz-QPSK-20000-50RB#0



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



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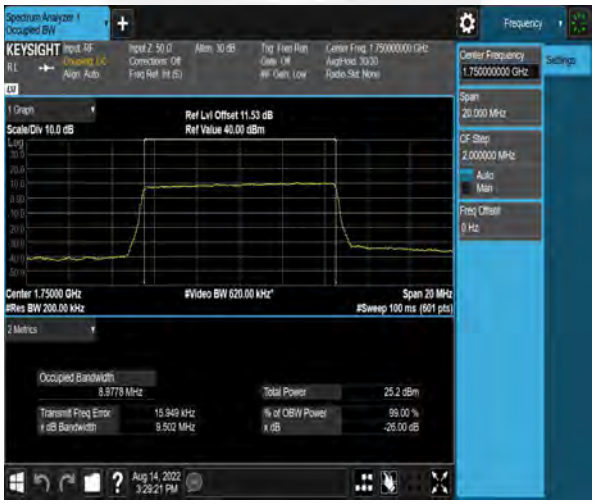
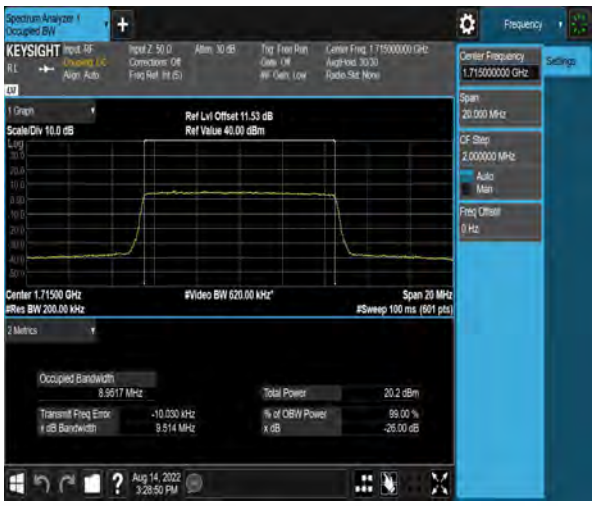
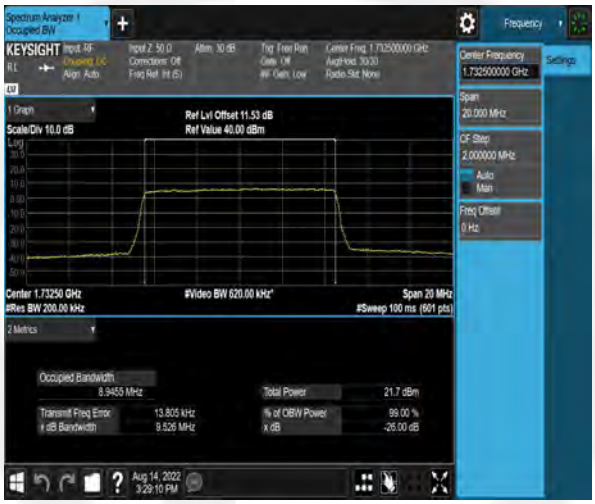


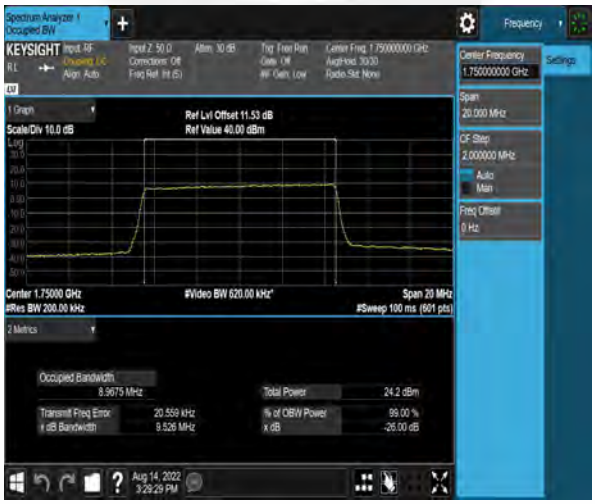
Band4-10MHz-16QAM-20000-50RB#0



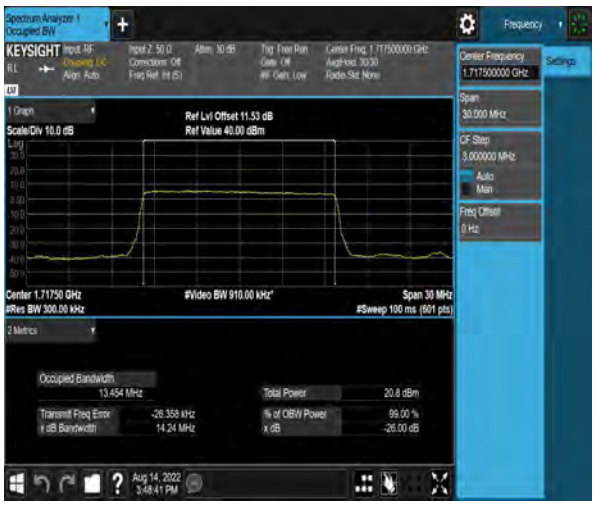
Band4-10MHz-16QAM-20175-50RB#0



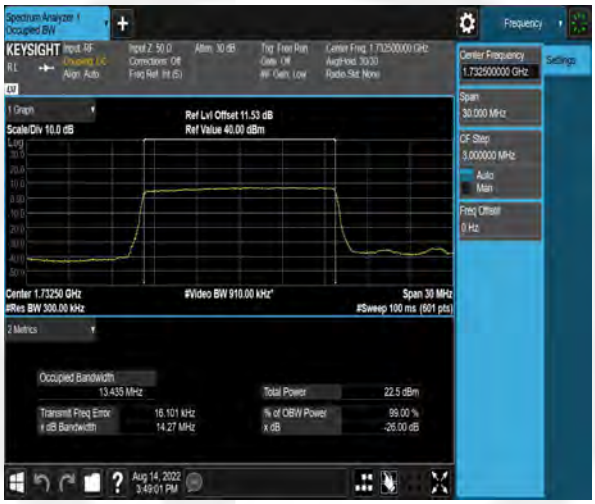
Band4-10MHz-16QAM-20350-50RB#0



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



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



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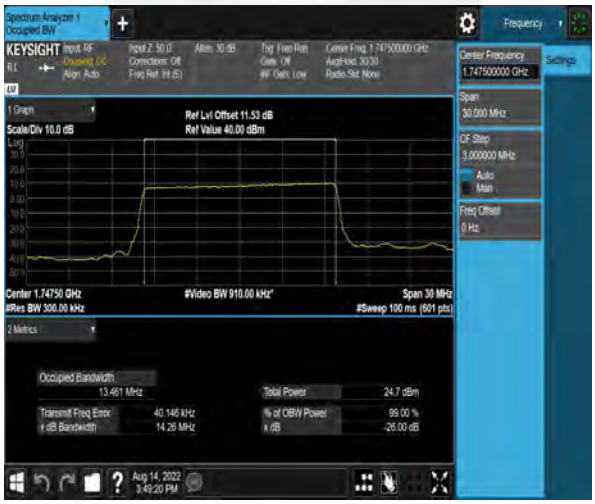
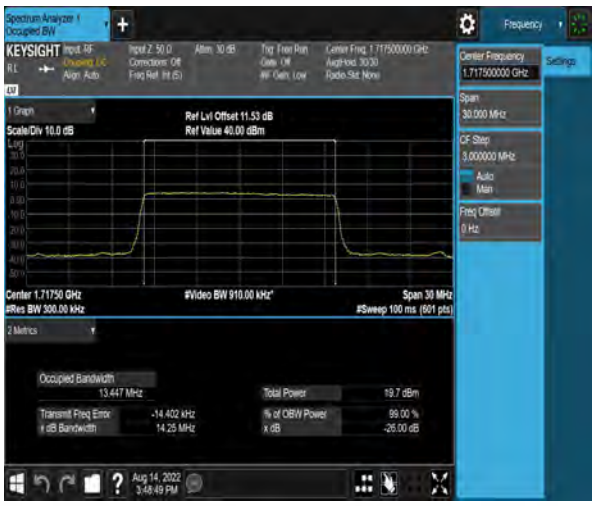
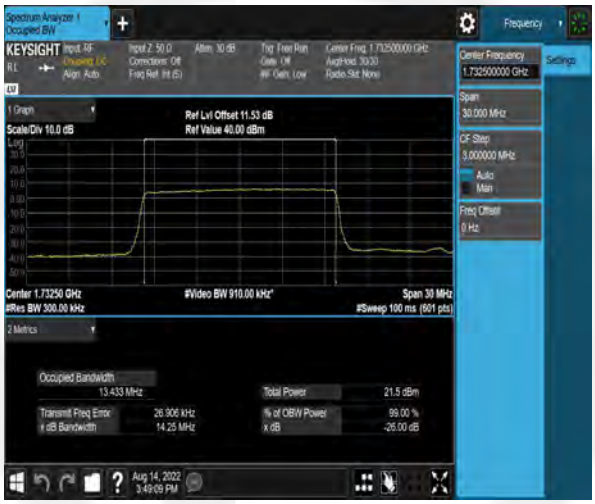


Band4-15MHz-16QAM-20025-75RB#0



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



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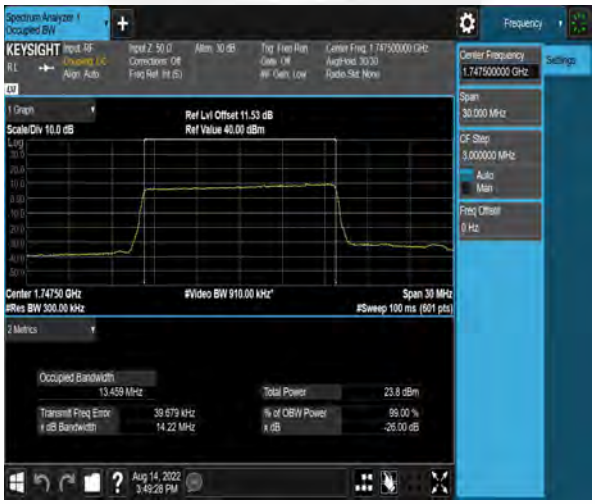

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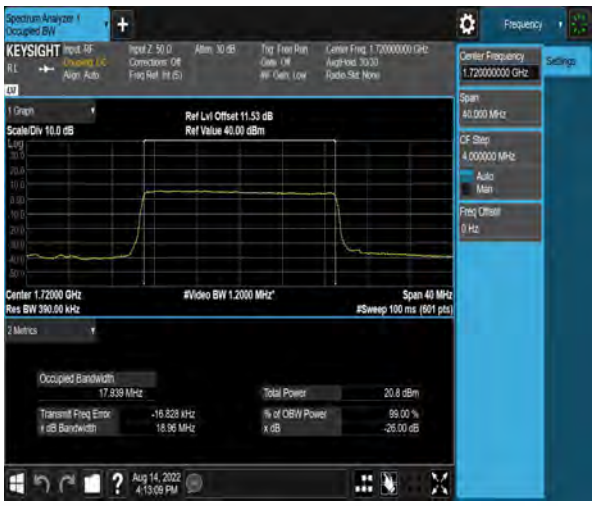

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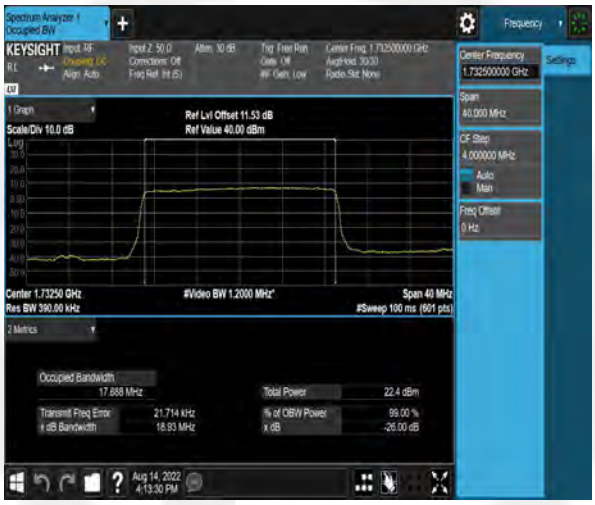
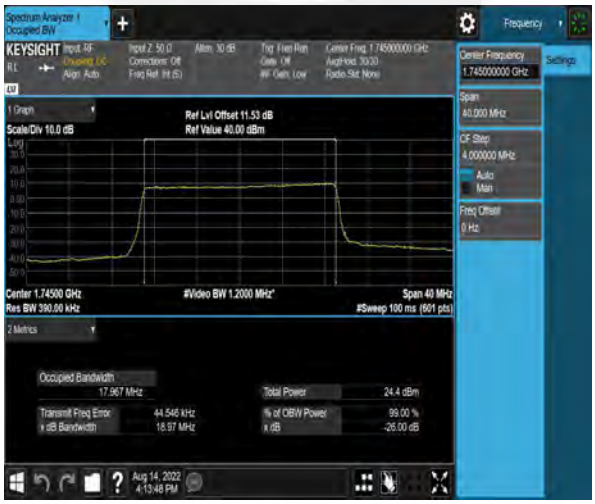
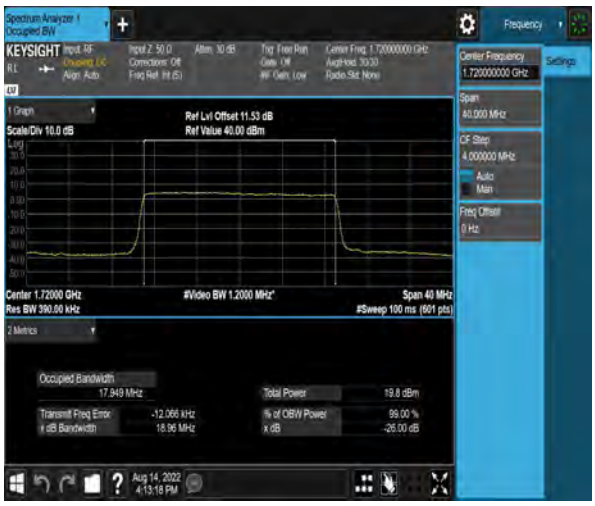


Band4-20MHz-QPSK-20300-100RB#0



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



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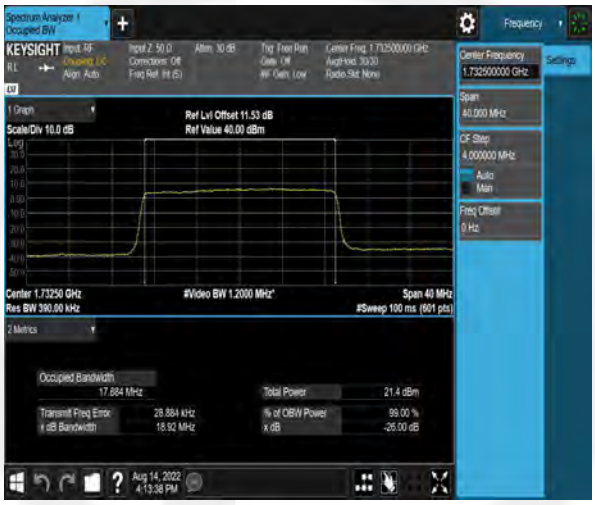
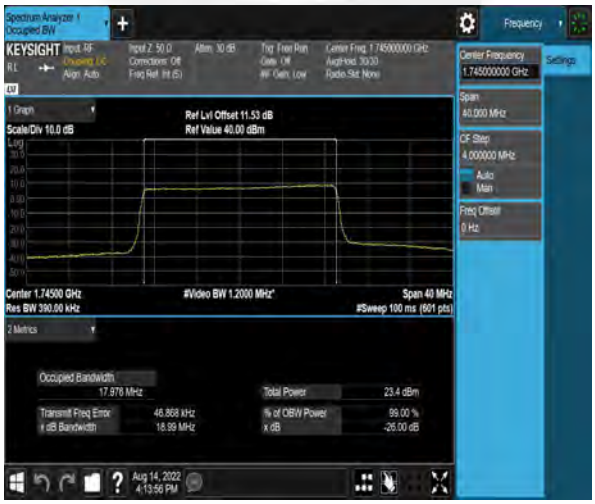


Band4-20MHz-16QAM-20300-100RB#0



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-38.17	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-33.13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-37.87	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-32.18	PASS
Band4	3MHz	QPSK	19965	15RB#0	-26.60	PASS
Band4	3MHz	QPSK	20385	15RB#0	-23.70	PASS
Band4	3MHz	16QAM	19965	15RB#0	-28.27	PASS
Band4	3MHz	16QAM	20385	15RB#0	-24.88	PASS
Band4	5MHz	QPSK	19975	25RB#0	-28.23	PASS
Band4	5MHz	QPSK	20375	25RB#0	-25.19	PASS
Band4	5MHz	16QAM	19975	25RB#0	-30.29	PASS
Band4	5MHz	16QAM	20375	25RB#0	-25.94	PASS
Band4	10MHz	QPSK	20000	50RB#0	-32.78	PASS
Band4	10MHz	QPSK	20350	50RB#0	-28.24	PASS
Band4	10MHz	16QAM	20000	50RB#0	-33.49	PASS
Band4	10MHz	16QAM	20350	50RB#0	-29.18	PASS
Band4	15MHz	QPSK	20025	75RB#0	-33.51	PASS
Band4	15MHz	QPSK	20325	75RB#0	-27.27	PASS
Band4	15MHz	16QAM	20025	75RB#0	-34.77	PASS
Band4	15MHz	16QAM	20325	75RB#0	-29.26	PASS
Band4	20MHz	QPSK	20050	100RB#0	-35.30	PASS
Band4	20MHz	QPSK	20300	100RB#0	-28.55	PASS
Band4	20MHz	16QAM	20050	100RB#0	-35.44	PASS
Band4	20MHz	16QAM	20300	100RB#0	-29.55	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	-44.19	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~2000MHz	-41.93	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range3:2000~20000MHz	-41.98	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-44.79	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-41.81	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-41.94	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-45.11	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~2000MHz	-41.74	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range3:2000~20000MHz	-38.97	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-44.99	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~2000MHz	-40.84	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range3:2000~20000MHz	-42.99	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-45.11	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-41.58	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-42.75	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-45.22	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~	-41.96	PASS

					2000MHz		
Band4	1.4MHz	16QAM	20393	1RB#0	Range3:2000~20000MHz	-40.5	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range1:30~1000MHz	-45.07	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range2:1000~2000MHz	-41.24	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range3:2000~20000MHz	-42.47	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-44.53	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-41.65	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-42.47	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range1:30~1000MHz	-45.58	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range2:1000~2000MHz	-42.72	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range3:2000~20000MHz	-37.04	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range1:30~1000MHz	-44.16	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range2:1000~2000MHz	-41.65	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range3:2000~20000MHz	-41.7	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-44.85	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-41.62	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-42.87	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range1:30~1000MHz	-45.03	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range2:1000~2000MHz	-41.53	PASS

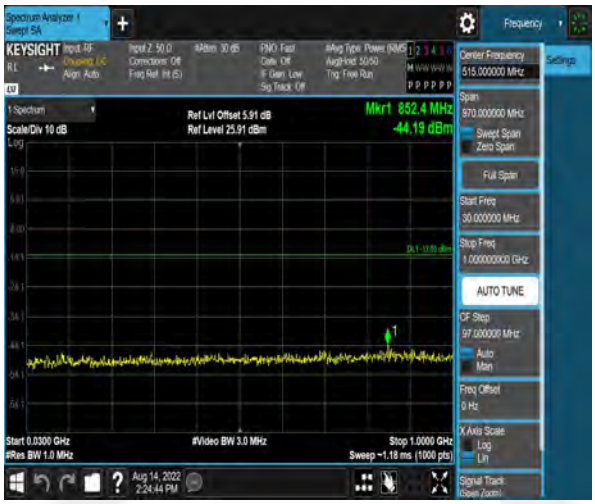
Band4	3MHz	16QAM	20385	1RB#0	Range3:2000~20000MHz	-42.36	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range1:30~1000MHz	-45.85	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range2:1000~2000MHz	-41.58	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range3:2000~20000MHz	-43.02	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-45.96	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-41.48	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-42.26	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range1:30~1000MHz	-46.29	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range2:1000~2000MHz	-42.29	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range3:2000~20000MHz	-36.63	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range1:30~1000MHz	-45.41	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range2:1000~2000MHz	-40.56	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range3:2000~20000MHz	-43	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-45.98	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-41.55	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-42.63	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range1:30~1000MHz	-45.24	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range2:1000~2000MHz	-40.48	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range3:2000~	-35.72	PASS

					20000MHz		
Band4	10MHz	QPSK	20000	1RB#0	Range1:30~1000MHz	-45.15	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range2:1000~2000MHz	-41.15	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range3:2000~20000MHz	-42.33	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-45.07	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-41.14	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-42.03	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range1:30~1000MHz	-45.73	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range2:1000~2000MHz	-42.11	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range3:2000~20000MHz	-39.58	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range1:30~1000MHz	-45.77	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range2:1000~2000MHz	-41.97	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range3:2000~20000MHz	-42.07	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-45.44	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-41.48	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-41.41	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range1:30~1000MHz	-45.64	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range2:1000~2000MHz	-40.26	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range3:2000~20000MHz	-41.05	PASS

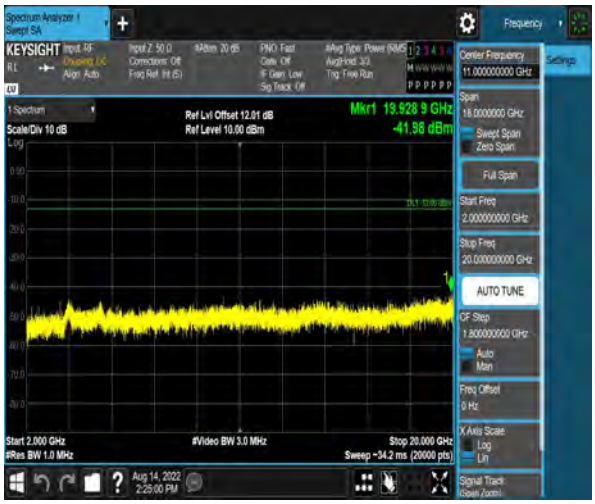
Band4	15MHz	QPSK	20025	1RB#0	Range1:30~1000MHz	-45.61	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range2:1000~2000MHz	-41.76	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range3:2000~20000MHz	-42.62	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-45.51	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-41.88	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-42.08	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range1:30~1000MHz	-45.24	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range2:1000~2000MHz	-42.01	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range3:2000~20000MHz	-42.86	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range1:30~1000MHz	-45.1	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range2:1000~2000MHz	-42.51	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range3:2000~20000MHz	-42.77	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-45.51	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-41.72	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-42.08	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range1:30~1000MHz	-45.62	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range2:1000~2000MHz	-42.35	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range3:2000~20000MHz	-42.34	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:30~10	-45.45	PASS

					00MHz		
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~2000MHz	-41.57	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range3:2000~20000MHz	-42.93	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-44.92	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-40.84	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-42.31	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-45.6	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~2000MHz	-41.51	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range3:2000~20000MHz	-42.21	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-46.11	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~2000MHz	-42.74	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range3:2000~20000MHz	-43.03	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-45.95	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-41.84	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-42.63	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-45.14	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~2000MHz	-41.14	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range3:2000~20000MHz	-41.77	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-Range3:2000~20000MHz

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

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

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

Band4-1.4MHz-16QAM-19957-1RB#0-Range1:30~1000MHz

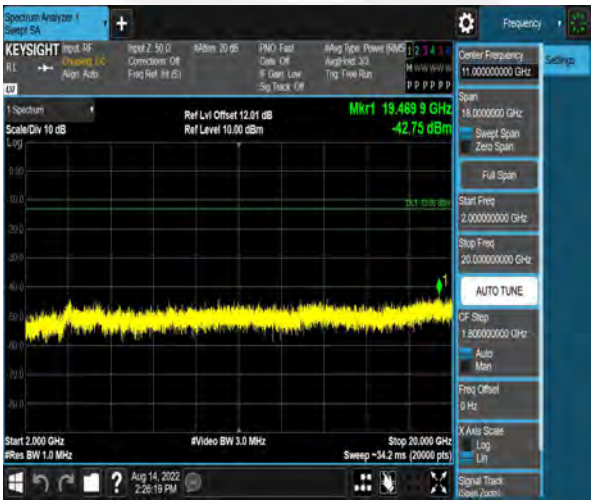
Band4-1.4MHz-16QAM-19957-1RB#0-Range2:1000~2000MHz

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

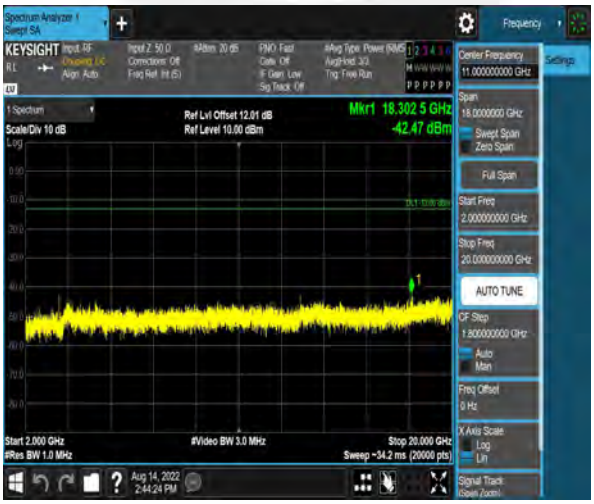
Band4-1.4MHz-16QAM-20393-1RB#0-Range2:1000~2000MHz

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

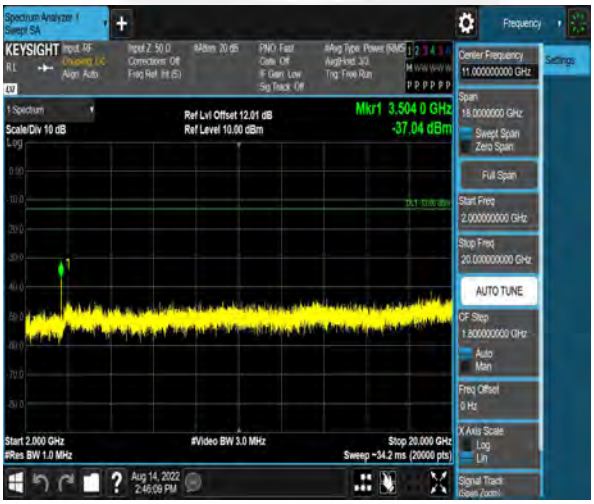
Band4-3MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz

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

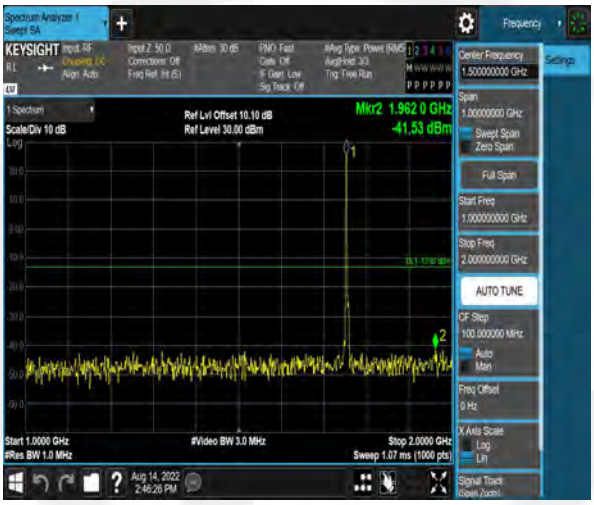
Band4-3MHz-16QAM-20175-1RB#0-Range1:30~1000MHz

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

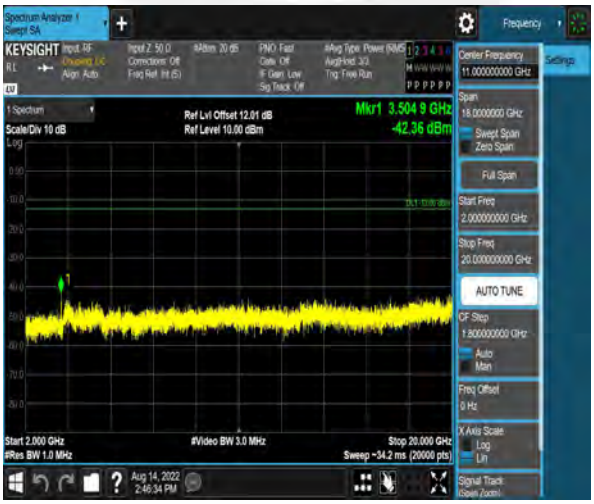
Band4-3MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz

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

Band4-3MHz-16QAM-20385-1RB#0-Range2:1000~2000MHz



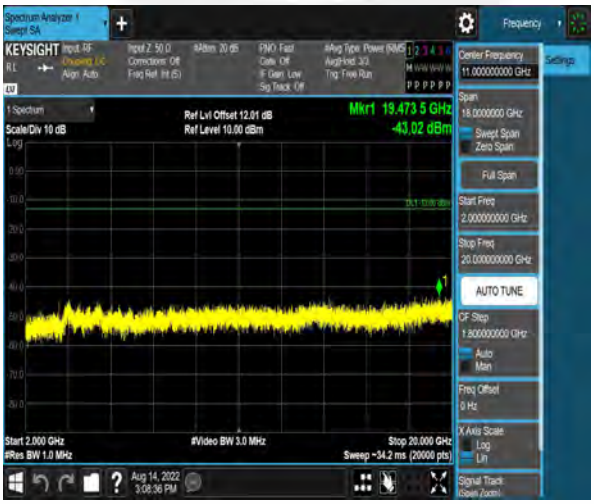
Band4-3MHz-16QAM-20385-1RB#0-Range3:2000~20000MHz



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

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

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



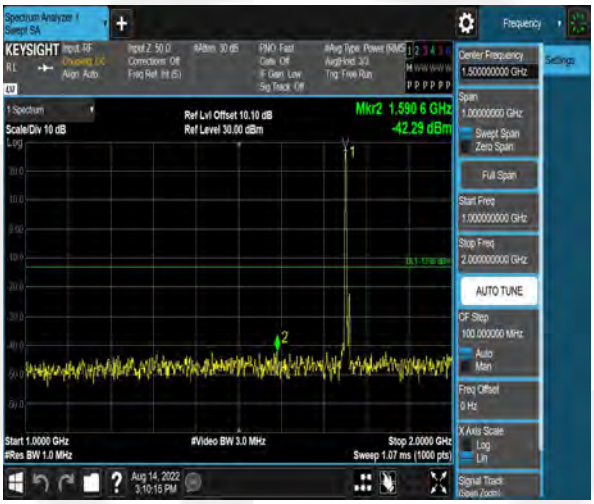
Band4-5MHz-QPSK-20175-1RB#0-Range1:30~1000MHz

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

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

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

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



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

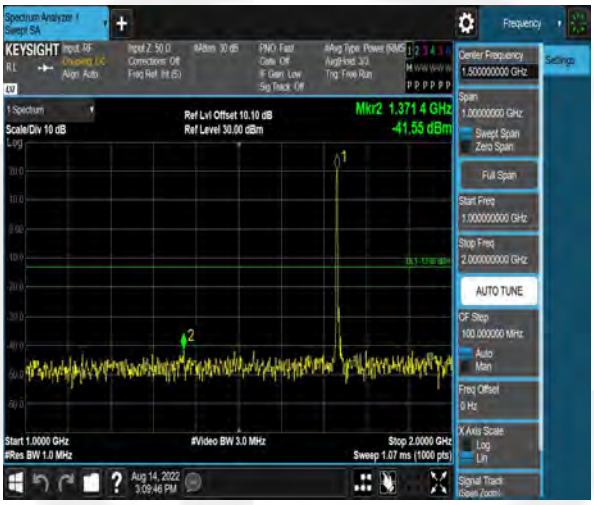
Band4-5MHz-16QAM-19975-1RB#0-Range1:30~1000MHz

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

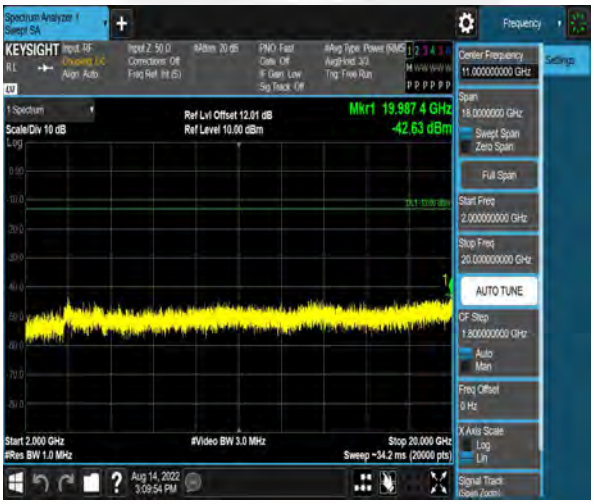
Band4-5MHz-16QAM-19975-1RB#0-Range3:2000~20000MHz

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

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



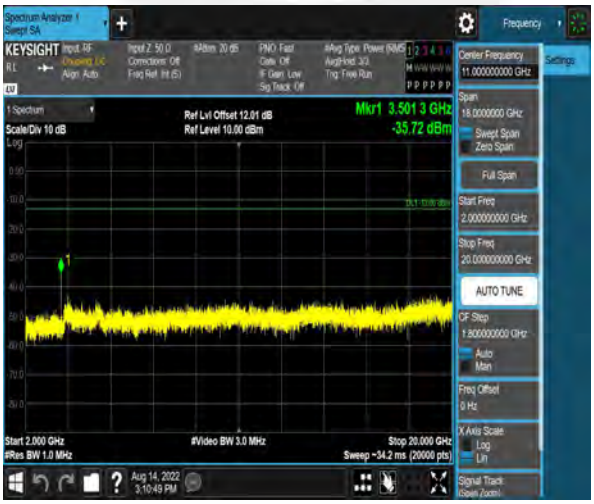
Band4-5MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz



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

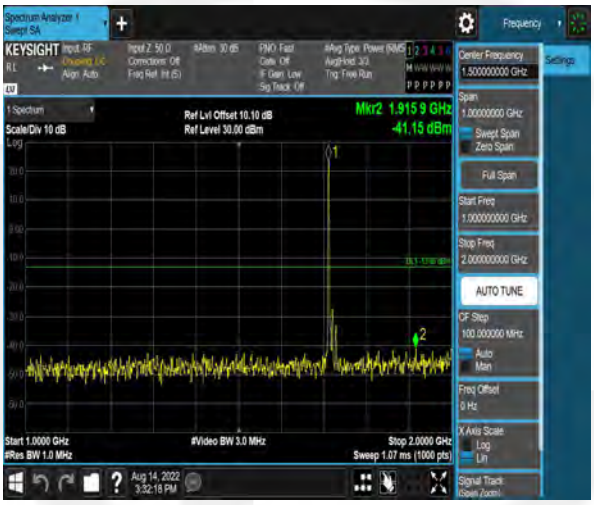
Band4-5MHz-16QAM-20375-1RB#0-Range2:1000~2000MHz

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



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

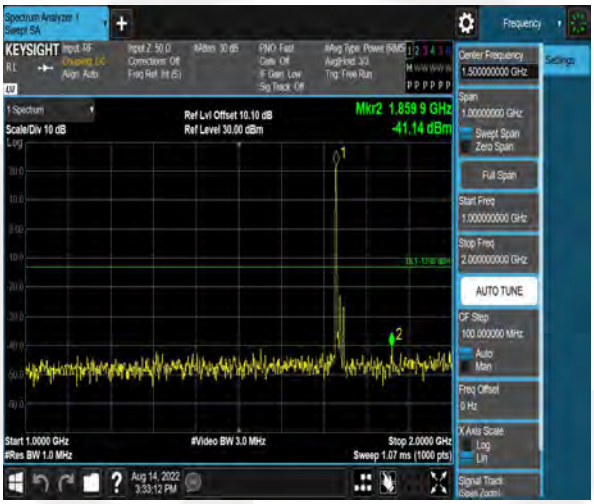
Band4-10MHz-QPSK-20000-1RB#0-Range2:1000~2000MHz



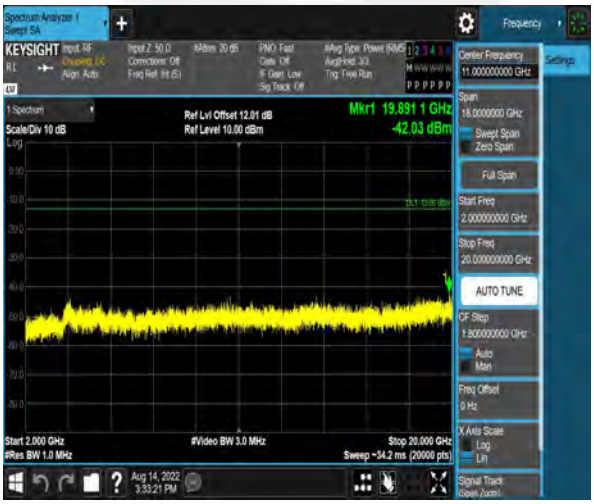
Band4-10MHz-QPSK-20000-1RB#0-Range3:2000~20000MHz

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

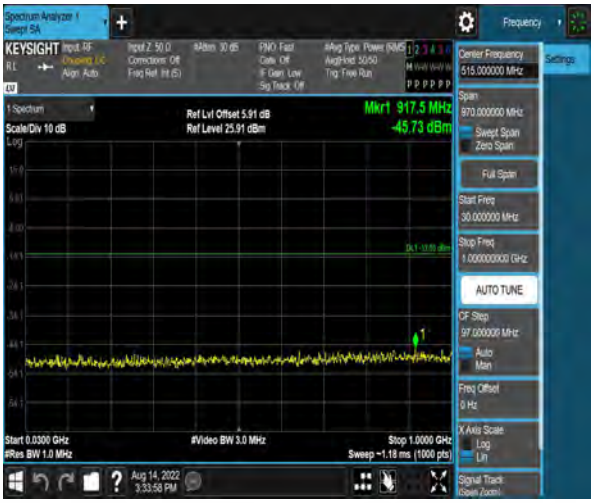
Band4-10MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz



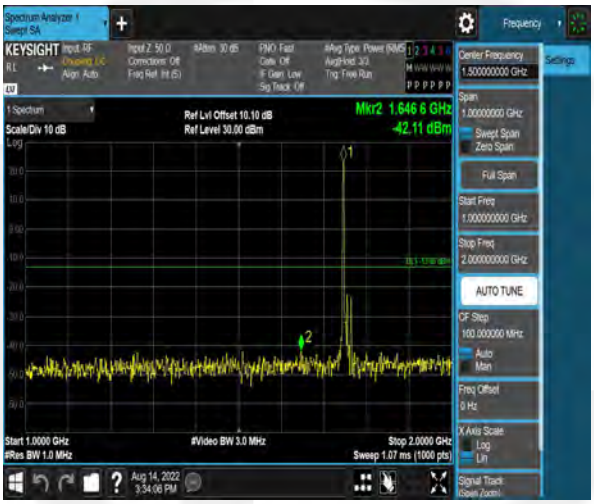
Band4-10MHz-QPSK-20175-1RB#0-Range3:2000~20000MHz



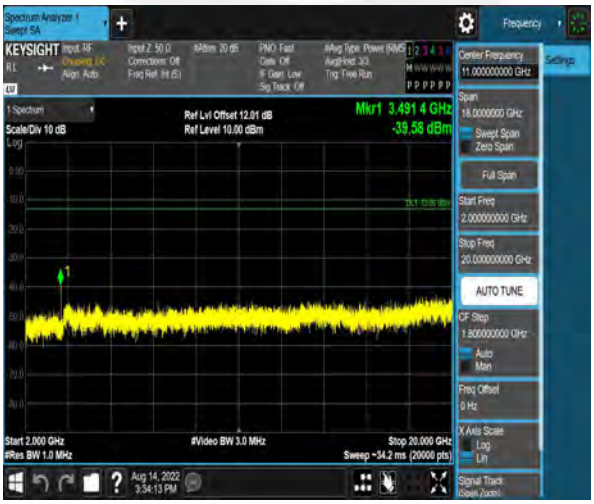
Band4-10MHz-QPSK-20350-1RB#0-Range1:30~1000MHz



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



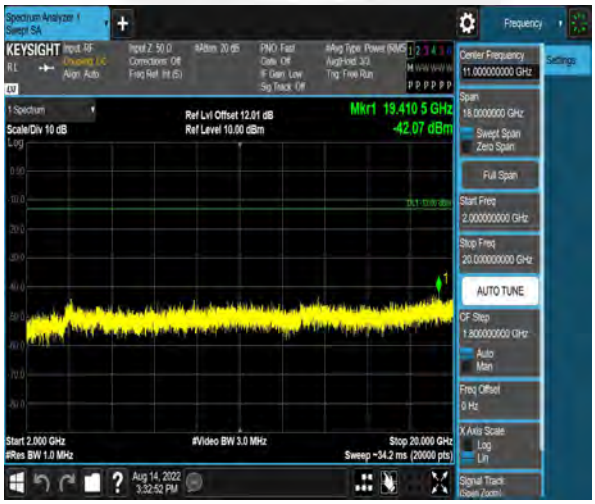
Band4-10MHz-QPSK-20350-1RB#0-Range3:2000~20000MHz



Band4-10MHz-16QAM-20000-1RB#0-Range1:30~1000MHz

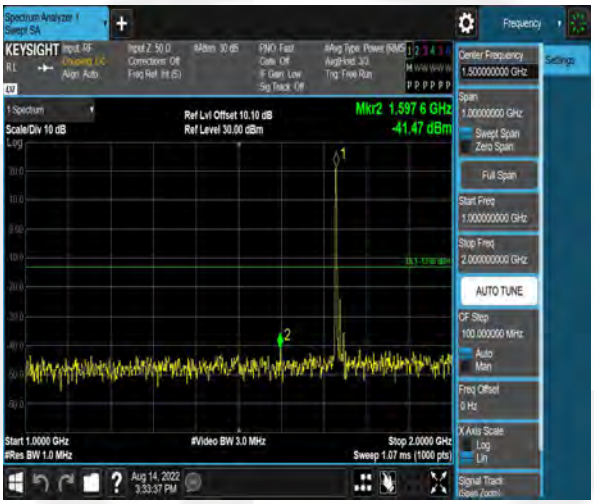
Band4-10MHz-16QAM-20000-1RB#0-Range2:1000~2000MHz

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

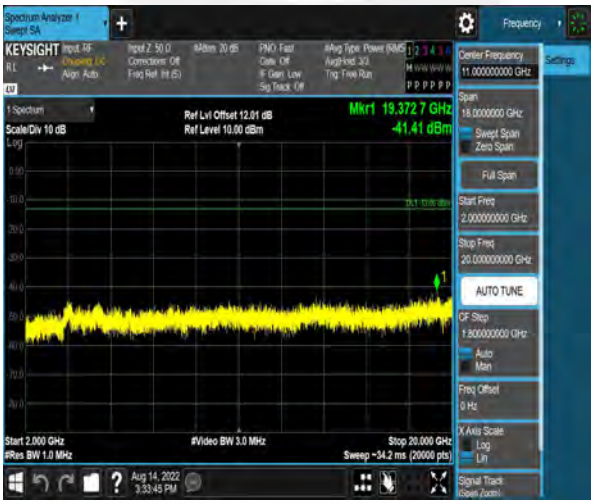


Band4-10MHz-16QAM-20175-1RB#0-Range1:30~1000MHz

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

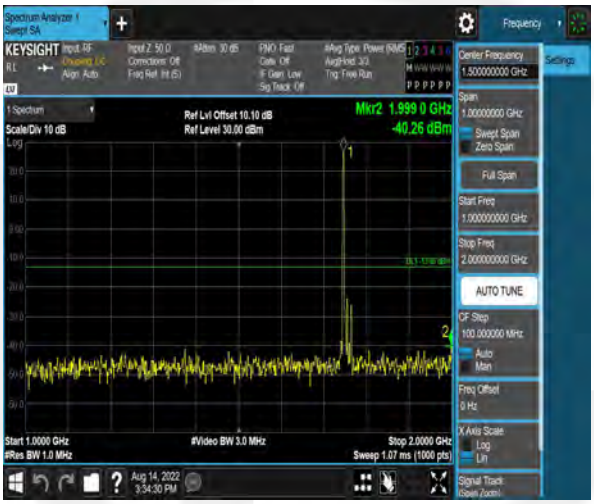


Band4-10MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz

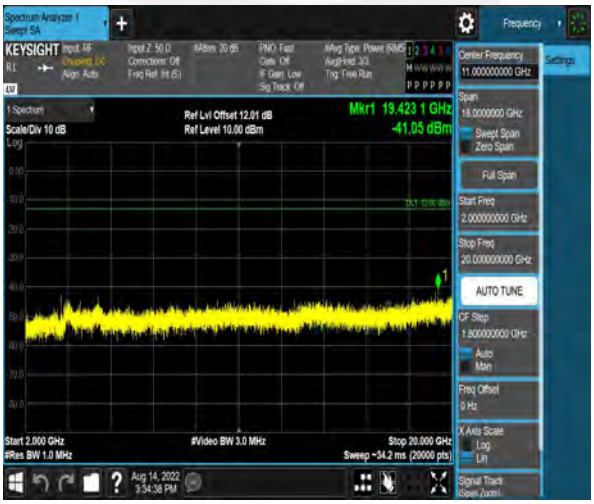


Band4-10MHz-16QAM-20350-1RB#0-Range1:30~1000MHz

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



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



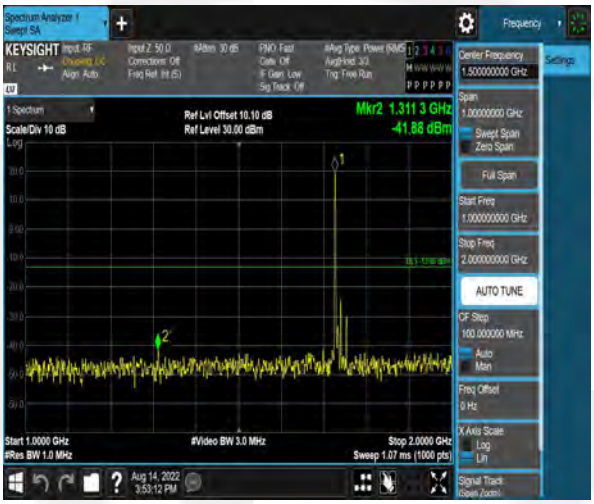
Band4-15MHz-QPSK-20025-1RB#0-Range1:30~1000MHz

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



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

Band4-15MHz-QPSK-20325-1RB#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-20025-1RB#0-Range2:1000~2000MHz

Band4-15MHz-16QAM-20025-1RB#0-Range3:2000~20000MHz

Band4-15MHz-16QAM-20175-1RB#0-Range1:30~1000MHz

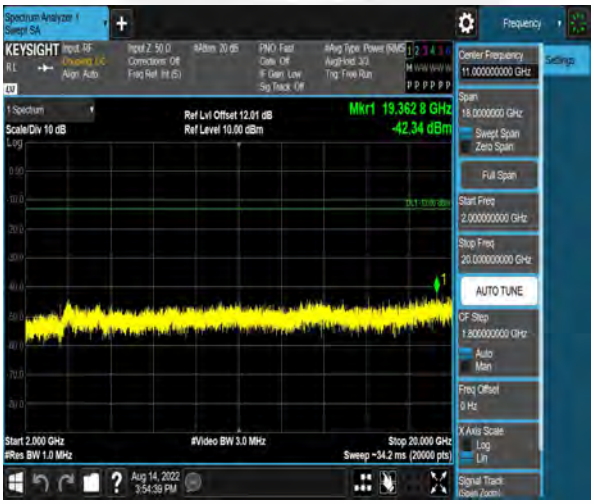
Band4-15MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz

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

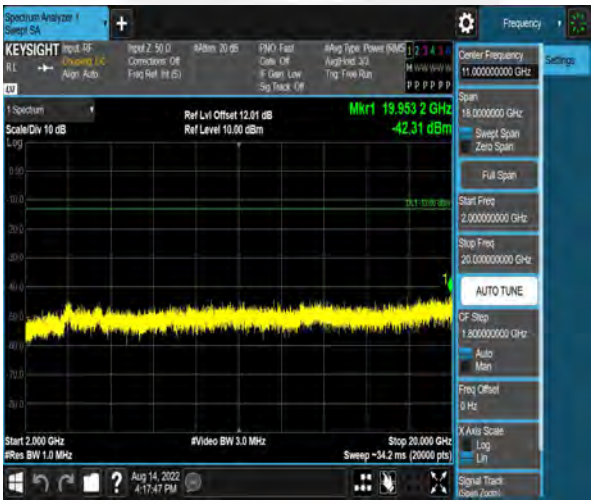
Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~2000MHz

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

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

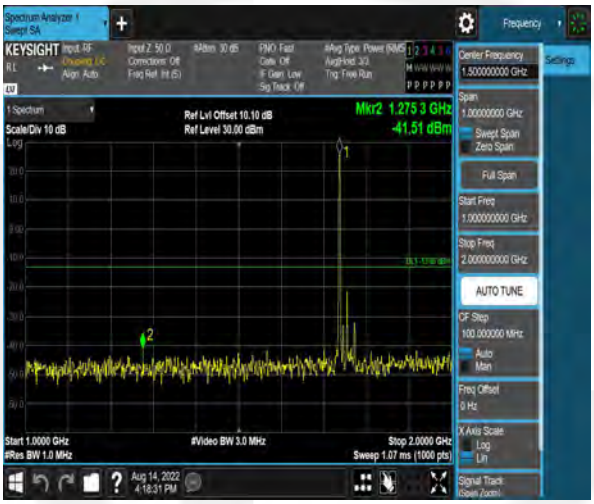
Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz

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

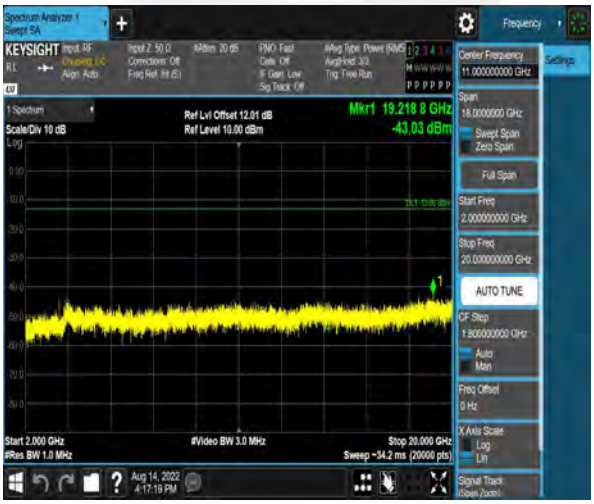


Band4-20MHz-QPSK-20300-1RB#0-Range3:2000~20000MHz

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



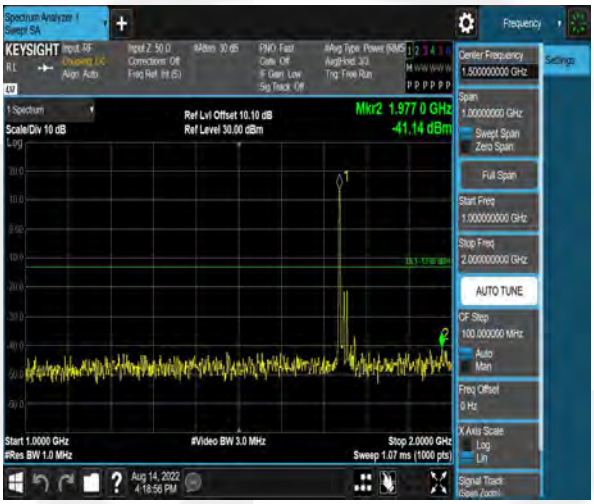
Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz

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 (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	VL	NT	-22.60	-0.013211	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	-22.17	-0.012960	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	-27.01	-0.015789	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	20.41	0.011781	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	24.86	0.014349	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	19.13	0.011042	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	-17.78	-0.010135	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	-20.21	-0.011520	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	-15.55	-0.008864	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	-13.00	-0.007599	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	-13.32	-0.007786	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	-9.73	-0.005688	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	-5.15	-0.002973	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	-5.64	-0.003255	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	3.40	0.001962	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	-11.57	-0.006595	±2.5	PASS

Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	-14.81	-0.008442	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	-13.58	-0.007741	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VL	NT	12.47	0.007286	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VN	NT	9.76	0.005703	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VH	NT	5.81	0.003395	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VL	NT	12.13	0.007001	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VN	NT	8.83	0.005097	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VH	NT	12.15	0.007013	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VL	NT	16.26	0.009273	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VN	NT	8.97	0.005115	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VH	NT	8.71	0.004967	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VL	NT	7.12	0.004160	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VN	NT	11.30	0.006602	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VH	NT	13.07	0.007637	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VL	NT	11.34	0.006545	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VN	NT	13.19	0.007613	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VH	NT	5.76	0.003325	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VL	NT	15.55	0.008868	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VN	NT	9.93	0.00566	±2.5	PASS

								3		
Band4	3MHz	16QAM	20385	15RB#0	VH	NT	12.43	0.007089	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VL	NT	-6.92	-0.004041	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VN	NT	-10.76	-0.006283	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VH	NT	-6.92	-0.004041	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VL	NT	6.68	0.003856	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VN	NT	8.40	0.004848	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VH	NT	4.88	0.002817	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VL	NT	9.36	0.005341	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VN	NT	8.01	0.004571	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VH	NT	4.76	0.002716	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VL	NT	6.14	0.003585	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VN	NT	-3.19	-0.001863	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VH	NT	7.38	0.004309	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VL	NT	13.28	0.007665	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VN	NT	11.60	0.006696	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VH	NT	7.11	0.004104	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VL	NT	-4.03	-0.002300	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VN	NT	5.54	0.003161	±2.5	PASS

Band4	5MHz	16QAM	20375	25RB#0	VH	NT	4.51	0.002573	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VL	NT	4.65	0.002711	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VN	NT	9.94	0.005796	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VH	NT	-4.16	-0.002426	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VL	NT	7.90	0.004560	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VN	NT	8.34	0.004814	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VH	NT	9.98	0.005760	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VL	NT	5.16	0.002949	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VN	NT	-6.74	-0.003851	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VH	NT	-4.43	-0.002531	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VL	NT	-3.50	-0.002041	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VN	NT	6.47	0.003773	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VH	NT	-4.91	-0.002863	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VL	NT	13.36	0.007711	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VN	NT	14.23	0.008214	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VH	NT	9.97	0.005755	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VL	NT	4.84	0.002766	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VN	NT	5.36	0.003063	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VH	NT	-3.26	-0.0018	±2.5	PASS

								63		
Band4	15MHz	QPSK	20025	75RB#0	VL	NT	10.14	0.005904	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VN	NT	6.95	0.004047	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VH	NT	12.76	0.007429	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VL	NT	8.10	0.004675	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VN	NT	10.56	0.006095	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VH	NT	7.81	0.004508	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VL	NT	9.50	0.005436	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VN	NT	9.46	0.005413	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VH	NT	8.51	0.004870	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VL	NT	9.30	0.005415	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VN	NT	9.98	0.005811	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VH	NT	11.57	0.006737	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VL	NT	11.94	0.006892	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VN	NT	6.32	0.003648	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VH	NT	6.15	0.003550	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VL	NT	7.60	0.004349	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VN	NT	11.30	0.006466	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VH	NT	12.47	0.007136	±2.5	PASS

Band4	20MHz	QPSK	20050	100RB#0	VL	NT	-3.71	-0.002157	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	-9.86	-0.005733	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	-7.70	-0.004477	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	8.85	0.005108	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	10.94	0.006315	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	9.18	0.005299	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	6.14	0.003519	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	7.51	0.004304	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	3.55	0.002034	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	-2.95	-0.001715	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	-4.13	-0.002401	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	-4.85	-0.002820	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	6.78	0.003913	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	10.93	0.006309	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	12.60	0.007273	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	4.81	0.002756	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-3.18	-0.001822	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	-4.32	-0.002476	±2.5	PASS

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	-22.56	-0.013188	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	-27.54	-0.016099	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-10	-23.75	-0.013883	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	-26.94	-0.015748	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	-20.81	-0.012165	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	-22.27	-0.013018	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	30	-19.40	-0.011340	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	40	-16.84	-0.009844	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	50	-10.77	-0.006296	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	16.11	0.009299	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	7.71	0.004450	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-10	7.71	0.004450	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	8.61	0.004970	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	-6.59	-0.003804	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	5.64	0.003255	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	30	-7.05	-0.004069	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	40	-9.94	-0.005737	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	50	-7.30	-0.0042	±2.5	PASS

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Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	-13.06	-0.007445	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	-14.88	-0.008482	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-10	-18.11	-0.010323	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	-17.29	-0.009856	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	-21.13	-0.012045	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	-20.84	-0.011879	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	30	-16.88	-0.009622	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	40	-13.86	-0.007901	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	50	-14.16	-0.008072	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	-14.39	-0.008412	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	-13.68	-0.007997	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-10	-5.54	-0.003238	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	-7.02	-0.004104	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	-10.64	-0.006220	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	-9.57	-0.005594	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	30	-14.73	-0.008611	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	40	-7.07	-0.004133	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	50	-9.27	-0.005419	±2.5	PASS

Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	-4.59	-0.002649	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	-3.20	-0.001847	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-10	-8.44	-0.004872	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	-7.82	-0.004514	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	2.99	0.001726	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	-5.85	-0.003377	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	30	-7.48	-0.004317	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	40	-7.78	-0.004491	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	50	-6.87	-0.003965	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	-7.62	-0.004344	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	-14.95	-0.008522	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-10	-8.81	-0.005022	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	-5.18	-0.002953	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	-5.81	-0.003312	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	-5.54	-0.003158	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	30	-6.57	-0.003745	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	40	-4.19	-0.002388	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	50	-7.04	-0.004013	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-30	11.30	0.00660	±2.5	PASS

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Band4	3MHz	QPSK	19965	15RB#0	NV	-20	14.72	0.008601	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-10	9.30	0.005434	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	0	11.47	0.006702	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	10	11.33	0.006620	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	20	11.69	0.006830	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	30	8.07	0.004715	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	40	7.45	0.004353	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	50	9.81	0.005732	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-30	10.60	0.006118	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-20	8.13	0.004693	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-10	11.76	0.006788	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	0	11.56	0.006672	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	10	8.38	0.004837	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	20	9.54	0.005506	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	30	11.46	0.006615	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	40	10.29	0.005939	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	50	9.14	0.005276	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-30	13.38	0.007630	±2.5	PASS

Band4	3MHz	QPSK	20385	15RB#0	NV	-20	12.60	0.007186	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-10	15.28	0.008714	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	0	13.63	0.007773	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	10	6.22	0.003547	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	20	7.21	0.004112	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	30	6.48	0.003695	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	40	10.54	0.006011	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	50	11.99	0.006838	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-30	8.96	0.005235	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-20	16.37	0.009565	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-10	12.69	0.007415	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	0	11.22	0.006556	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	10	7.28	0.004254	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	20	13.43	0.007847	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	30	13.63	0.007964	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	40	5.87	0.003430	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	50	12.47	0.007286	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-30	6.55	0.003781	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-20	8.54	0.00492	±2.5	PASS

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Band4	3MHz	16QAM	20175	15RB#0	NV	-10	13.36	0.007711	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	0	13.30	0.007677	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	10	11.97	0.006909	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	20	15.28	0.008820	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	30	12.56	0.007250	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	40	12.04	0.006949	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	50	7.74	0.004468	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-30	8.83	0.005036	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-20	7.24	0.004129	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-10	14.22	0.008109	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	0	11.17	0.006370	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	10	12.87	0.007340	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	20	11.27	0.006427	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	30	12.07	0.006883	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	40	14.41	0.008218	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	50	11.64	0.006638	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-30	-4.94	-0.002885	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-20	-5.59	-0.003264	±2.5	PASS

Band4	5MHz	QPSK	19975	25RB#0	NV	-10	-5.26	-0.003072	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	0	-2.50	-0.001460	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	10	3.78	0.002207	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	20	4.31	0.002517	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	30	-3.58	-0.002091	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	40	-3.56	-0.002079	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	50	-4.25	-0.002482	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-30	14.86	0.008577	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-20	8.27	0.004773	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-10	8.73	0.005039	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	0	7.65	0.004416	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	10	8.57	0.004947	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	20	12.50	0.007215	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	30	14.58	0.008416	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	40	7.31	0.004219	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	50	11.86	0.006846	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-30	6.09	0.003475	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-20	8.94	0.005101	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-10	4.01	0.00228	±2.5	PASS

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Band4	5MHz	QPSK	20375	25RB#0	NV	0	6.24	0.003561	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	10	5.14	0.002933	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	20	5.75	0.003281	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	30	5.95	0.003395	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	40	7.08	0.004040	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	50	8.10	0.004622	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-30	4.08	0.002382	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-20	4.25	0.002482	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-10	4.03	0.002353	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	0	3.19	0.001863	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	10	3.43	0.002003	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	20	5.59	0.003264	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	30	4.52	0.002639	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	40	-6.44	-0.003761	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	50	3.16	0.001845	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-30	11.76	0.006788	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-20	10.39	0.005997	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-10	7.40	0.004271	±2.5	PASS

Band4	5MHz	16QAM	20175	25RB#0	NV	0	8.13	0.004693	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	10	9.06	0.005229	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	20	9.56	0.005518	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	30	10.86	0.006268	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	40	10.70	0.006176	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	50	12.62	0.007284	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-30	3.89	0.002220	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-20	6.51	0.003715	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-10	-3.20	-0.001826	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	0	-4.84	-0.002762	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	10	5.38	0.003070	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	20	8.61	0.004913	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	30	-5.68	-0.003241	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	40	3.35	0.001912	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	50	3.65	0.002083	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-30	7.04	0.004105	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-20	1.87	0.001090	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-10	5.38	0.003137	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	0	-5.26	-0.0030	±2.5	PASS

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Band4	10MHz	QPSK	20000	50RB#0	NV	10	6.94	0.004047	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	20	6.97	0.004064	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	30	-3.09	-0.001802	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	40	3.58	0.002087	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	50	2.99	0.001743	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-30	8.44	0.004872	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-20	8.44	0.004872	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-10	12.52	0.007227	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	0	10.99	0.006343	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	10	11.36	0.006557	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	20	12.10	0.006984	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	30	12.82	0.007400	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	40	7.08	0.004087	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	50	12.52	0.007227	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-30	-5.12	-0.002926	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-20	-5.56	-0.003177	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-10	7.80	0.004457	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	0	-3.02	-0.001726	±2.5	PASS

Band4	10MHz	QPSK	20350	50RB#0	NV	10	3.96	0.002263	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	20	2.06	0.001177	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	30	-3.08	-0.001760	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	40	3.49	0.001994	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	50	5.12	0.002926	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-30	-6.22	-0.003627	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-20	6.18	0.003603	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-10	5.05	0.002945	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	0	-3.15	-0.001837	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	10	4.41	0.002571	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	20	5.51	0.003213	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	30	3.46	0.002017	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	40	3.85	0.002245	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	50	3.40	0.001983	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-30	9.10	0.005253	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-20	7.58	0.004375	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-10	7.67	0.004427	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	0	11.72	0.006765	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	10	10.00	0.00577	±2.5	PASS

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Band4	10MHz	16QAM	20175	50RB#0	NV	20	7.88	0.004548	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	30	7.05	0.004069	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	40	12.23	0.007059	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	50	10.30	0.005945	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-30	-5.14	-0.002937	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-20	-5.64	-0.003223	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-10	9.31	0.005320	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	0	8.87	0.005069	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	10	9.16	0.005234	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	20	6.44	0.003680	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	30	6.79	0.003880	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	40	-6.52	-0.003726	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	50	6.95	0.003971	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-30	6.32	0.003680	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-20	7.64	0.004448	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-10	10.16	0.005916	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	0	8.13	0.004734	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	10	9.46	0.005508	±2.5	PASS

Band4	15MHz	QPSK	20025	75RB#0	NV	20	5.36	0.003121	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	30	11.97	0.006969	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	40	9.90	0.005764	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	50	10.46	0.006090	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-30	11.23	0.006482	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-20	10.80	0.006234	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-10	5.97	0.003446	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	0	10.04	0.005795	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	10	10.31	0.005951	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	20	11.74	0.006776	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	30	8.74	0.005045	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	40	12.42	0.007169	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	50	10.31	0.005951	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-30	11.63	0.006655	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-20	8.48	0.004853	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-10	9.27	0.005305	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	0	7.72	0.004418	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	10	11.03	0.006312	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	20	10.99	0.00628	±2.5	PASS

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Band4	15MHz	QPSK	20325	75RB#0	NV	30	10.81	0.006186	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	40	5.84	0.003342	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	50	6.51	0.003725	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-30	6.88	0.004006	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-20	7.52	0.004378	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-10	12.96	0.007546	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	0	5.04	0.002934	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	10	9.24	0.005380	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	20	12.55	0.007307	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	30	7.22	0.004204	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	40	9.68	0.005636	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	50	12.76	0.007429	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-30	8.78	0.005068	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-20	7.64	0.004410	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-10	7.15	0.004127	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	0	5.49	0.003169	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	10	9.06	0.005229	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	20	10.27	0.005928	±2.5	PASS

Band4	15MHz	16QAM	20175	75RB#0	NV	30	4.72	0.002724	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	40	9.83	0.005674	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	50	7.97	0.004600	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-30	11.60	0.006638	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-20	13.13	0.007514	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-10	12.15	0.006953	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	0	6.90	0.003948	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	10	6.42	0.003674	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	20	9.66	0.005528	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	30	12.73	0.007285	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	40	7.12	0.004074	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	50	10.69	0.006117	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	-7.25	-0.004215	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	-10.40	-0.006047	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-10	-9.27	-0.005390	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	-4.63	-0.002692	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	-4.71	-0.002738	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	-10.21	-0.005936	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	-2.95	-0.0017	±2.5	PASS

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Band4	20MHz	QPSK	20050	100RB#0	NV	40	2.99	0.001738	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	-3.60	-0.002093	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	6.88	0.003971	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	9.47	0.005466	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	7.32	0.004225	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	8.01	0.004623	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	8.08	0.004664	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	11.62	0.006707	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	9.63	0.005558	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	8.75	0.005051	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	14.13	0.008156	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-4.41	-0.002527	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	7.74	0.004436	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-10	6.21	0.003559	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	7.87	0.004510	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-3.12	-0.001788	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	7.37	0.004223	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-4.22	-0.002418	±2.5	PASS

Band4	20MHz	QPSK	20300	100RB#0	NV	40	-4.46	-0.002556	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	6.84	0.003920	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	-4.78	-0.002779	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	-5.88	-0.003419	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-10	-10.56	-0.006140	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	-8.54	-0.004965	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	-4.62	-0.002686	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	-9.11	-0.005297	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	-5.46	-0.003174	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	-10.59	-0.006157	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	-8.11	-0.004715	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	13.28	0.007665	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	12.62	0.007284	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-10	11.26	0.006499	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	11.29	0.006517	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	10.67	0.006159	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	10.69	0.006170	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	12.62	0.007284	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	12.27	0.00708	±2.5	PASS

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Band4	20MHz	16QAM	20175	100RB#0	NV	50	8.05	0.004646	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	-7.15	-0.004097	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	3.53	0.002023	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-10	3.13	0.001794	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	8.57	0.004911	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	7.07	0.004052	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	6.67	0.003822	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-3.49	-0.002000	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	-3.45	-0.001977	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	6.05	0.003467	±2.5	PASS

LTE Band4
64QAM Test Data

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	64QAM	19957	1RB#0	22.84	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	22.95	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	22.81	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	22.47	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	22.51	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	22.45	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	21.39	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	-25.52	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	-25.46	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	-25.51	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	-20.64	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	-20.66	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	-20.69	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	-17.80	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	22.54	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	22.58	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	22.52	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	22.12	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	22.17	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	22.12	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	21.06	PASS
Band4	3MHz	64QAM	19965	1RB#0	22.89	PASS
Band4	3MHz	64QAM	19965	1RB#8	22.83	PASS
Band4	3MHz	64QAM	19965	1RB#14	22.83	PASS
Band4	3MHz	64QAM	19965	8RB#0	21.54	PASS
Band4	3MHz	64QAM	19965	8RB#4	21.52	PASS
Band4	3MHz	64QAM	19965	8RB#7	21.47	PASS
Band4	3MHz	64QAM	19965	15RB#0	21.49	PASS

Band4	3MHz	64QAM	20175	1RB#0	22.66	PASS
Band4	3MHz	64QAM	20175	1RB#8	22.61	PASS
Band4	3MHz	64QAM	20175	1RB#14	22.55	PASS
Band4	3MHz	64QAM	20175	8RB#0	21.25	PASS
Band4	3MHz	64QAM	20175	8RB#4	21.29	PASS
Band4	3MHz	64QAM	20175	8RB#7	21.29	PASS
Band4	3MHz	64QAM	20175	15RB#0	21.32	PASS
Band4	3MHz	64QAM	20385	1RB#0	22.50	PASS
Band4	3MHz	64QAM	20385	1RB#8	22.47	PASS
Band4	3MHz	64QAM	20385	1RB#14	22.46	PASS
Band4	3MHz	64QAM	20385	8RB#0	21.30	PASS
Band4	3MHz	64QAM	20385	8RB#4	21.34	PASS
Band4	3MHz	64QAM	20385	8RB#7	21.23	PASS
Band4	3MHz	64QAM	20385	15RB#0	21.19	PASS
Band4	5MHz	64QAM	19975	1RB#0	22.97	PASS
Band4	5MHz	64QAM	19975	1RB#12	22.88	PASS
Band4	5MHz	64QAM	19975	1RB#24	22.71	PASS
Band4	5MHz	64QAM	19975	12RB#0	21.77	PASS
Band4	5MHz	64QAM	19975	12RB#6	21.69	PASS
Band4	5MHz	64QAM	19975	12RB#13	21.53	PASS
Band4	5MHz	64QAM	19975	25RB#0	21.49	PASS
Band4	5MHz	64QAM	20175	1RB#0	22.69	PASS
Band4	5MHz	64QAM	20175	1RB#12	22.59	PASS
Band4	5MHz	64QAM	20175	1RB#24	22.65	PASS
Band4	5MHz	64QAM	20175	12RB#0	21.34	PASS
Band4	5MHz	64QAM	20175	12RB#6	21.30	PASS
Band4	5MHz	64QAM	20175	12RB#13	21.31	PASS
Band4	5MHz	64QAM	20175	25RB#0	21.37	PASS
Band4	5MHz	64QAM	20375	1RB#0	22.59	PASS
Band4	5MHz	64QAM	20375	1RB#12	22.57	PASS
Band4	5MHz	64QAM	20375	1RB#24	22.54	PASS
Band4	5MHz	64QAM	20375	12RB#0	21.35	PASS
Band4	5MHz	64QAM	20375	12RB#6	21.31	PASS
Band4	5MHz	64QAM	20375	12RB#13	21.27	PASS
Band4	5MHz	64QAM	20375	25RB#0	21.23	PASS
Band4	10MHz	64QAM	20000	1RB#0	23.12	PASS
Band4	10MHz	64QAM	20000	1RB#24	22.80	PASS

Band4	10MHz	64QAM	20000	1RB#49	22.73	PASS
Band4	10MHz	64QAM	20000	25RB#0	21.67	PASS
Band4	10MHz	64QAM	20000	25RB#12	21.46	PASS
Band4	10MHz	64QAM	20000	25RB#25	21.36	PASS
Band4	10MHz	64QAM	20000	50RB#0	21.47	PASS
Band4	10MHz	64QAM	20175	1RB#0	22.69	PASS
Band4	10MHz	64QAM	20175	1RB#24	22.59	PASS
Band4	10MHz	64QAM	20175	1RB#49	22.69	PASS
Band4	10MHz	64QAM	20175	25RB#0	21.37	PASS
Band4	10MHz	64QAM	20175	25RB#12	21.33	PASS
Band4	10MHz	64QAM	20175	25RB#25	21.43	PASS
Band4	10MHz	64QAM	20175	50RB#0	21.35	PASS
Band4	10MHz	64QAM	20350	1RB#0	22.65	PASS
Band4	10MHz	64QAM	20350	1RB#24	22.54	PASS
Band4	10MHz	64QAM	20350	1RB#49	22.45	PASS
Band4	10MHz	64QAM	20350	25RB#0	21.34	PASS
Band4	10MHz	64QAM	20350	25RB#12	21.31	PASS
Band4	10MHz	64QAM	20350	25RB#25	21.21	PASS
Band4	10MHz	64QAM	20350	50RB#0	21.30	PASS
Band4	15MHz	64QAM	20025	1RB#0	23.02	PASS
Band4	15MHz	64QAM	20025	1RB#38	22.52	PASS
Band4	15MHz	64QAM	20025	1RB#74	22.42	PASS
Band4	15MHz	64QAM	20025	38RB#0	21.59	PASS
Band4	15MHz	64QAM	20025	38RB#18	21.35	PASS
Band4	15MHz	64QAM	20025	38RB#37	21.28	PASS
Band4	15MHz	64QAM	20025	75RB#0	21.32	PASS
Band4	15MHz	64QAM	20175	1RB#0	22.61	PASS
Band4	15MHz	64QAM	20175	1RB#38	22.61	PASS
Band4	15MHz	64QAM	20175	1RB#74	22.72	PASS
Band4	15MHz	64QAM	20175	38RB#0	21.31	PASS
Band4	15MHz	64QAM	20175	38RB#18	21.36	PASS
Band4	15MHz	64QAM	20175	38RB#37	21.38	PASS
Band4	15MHz	64QAM	20175	75RB#0	21.35	PASS
Band4	15MHz	64QAM	20325	1RB#0	23.05	PASS
Band4	15MHz	64QAM	20325	1RB#38	22.70	PASS
Band4	15MHz	64QAM	20325	1RB#74	22.62	PASS
Band4	15MHz	64QAM	20325	38RB#0	21.55	PASS

Band4	15MHz	64QAM	20325	38RB#18	21.40	PASS
Band4	15MHz	64QAM	20325	38RB#37	21.33	PASS
Band4	15MHz	64QAM	20325	75RB#0	21.41	PASS
Band4	20MHz	64QAM	20050	1RB#0	23.21	PASS
Band4	20MHz	64QAM	20050	1RB#49	22.62	PASS
Band4	20MHz	64QAM	20050	1RB#99	22.65	PASS
Band4	20MHz	64QAM	20050	50RB#0	21.50	PASS
Band4	20MHz	64QAM	20050	50RB#25	21.33	PASS
Band4	20MHz	64QAM	20050	50RB#50	21.19	PASS
Band4	20MHz	64QAM	20050	100RB#0	21.19	PASS
Band4	20MHz	64QAM	20175	1RB#0	22.59	PASS
Band4	20MHz	64QAM	20175	1RB#49	22.53	PASS
Band4	20MHz	64QAM	20175	1RB#99	22.63	PASS
Band4	20MHz	64QAM	20175	50RB#0	21.34	PASS
Band4	20MHz	64QAM	20175	50RB#25	21.41	PASS
Band4	20MHz	64QAM	20175	50RB#50	21.39	PASS
Band4	20MHz	64QAM	20175	100RB#0	21.43	PASS
Band4	20MHz	64QAM	20300	1RB#0	23.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	22.67	PASS
Band4	20MHz	64QAM	20300	1RB#99	22.55	PASS
Band4	20MHz	64QAM	20300	50RB#0	21.68	PASS
Band4	20MHz	64QAM	20300	50RB#25	21.43	PASS
Band4	20MHz	64QAM	20300	50RB#50	21.35	PASS
Band4	20MHz	64QAM	20300	100RB#0	21.48	PASS

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	64QAM	19957	6RB#0	6.22	13	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	6.21	13	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	6.42	13	PASS
Band4	3MHz	64QAM	19965	15RB#0	6.23	13	PASS
Band4	3MHz	64QAM	20175	15RB#0	6.13	13	PASS
Band4	3MHz	64QAM	20385	15RB#0	6.19	13	PASS
Band4	5MHz	64QAM	19975	25RB#0	6.11	13	PASS
Band4	5MHz	64QAM	20175	25RB#0	6.18	13	PASS
Band4	5MHz	64QAM	20375	25RB#0	6.20	13	PASS
Band4	10MHz	64QAM	20000	50RB#0	6.05	13	PASS
Band4	10MHz	64QAM	20175	50RB#0	6.09	13	PASS
Band4	10MHz	64QAM	20350	50RB#0	6.17	13	PASS
Band4	15MHz	64QAM	20025	75RB#0	6.08	13	PASS
Band4	15MHz	64QAM	20175	75RB#0	6.14	13	PASS
Band4	15MHz	64QAM	20325	75RB#0	6.21	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	5.97	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.11	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.07	13	PASS

Test Graphs

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

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

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

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

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

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

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

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

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

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

Band4-10MHz-64QAM-20175-50RB#0

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

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

Band4-15MHz-64QAM-20175-75RB#0

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

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

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

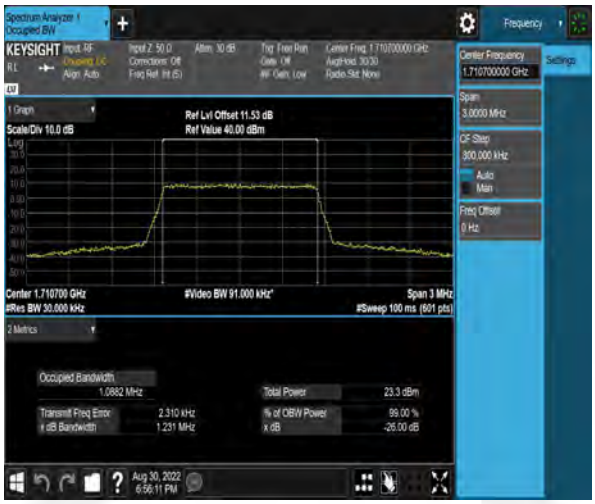
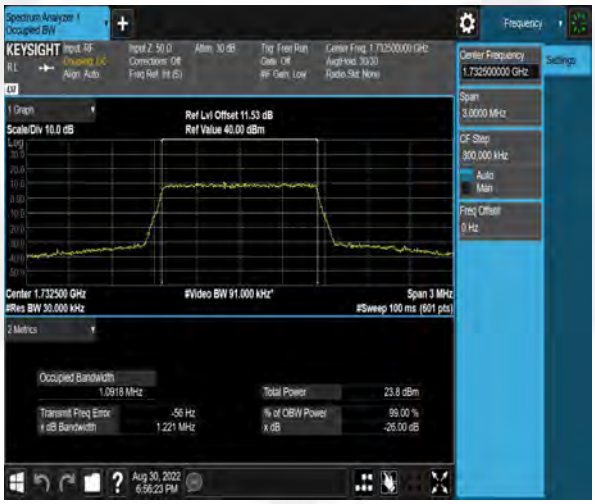
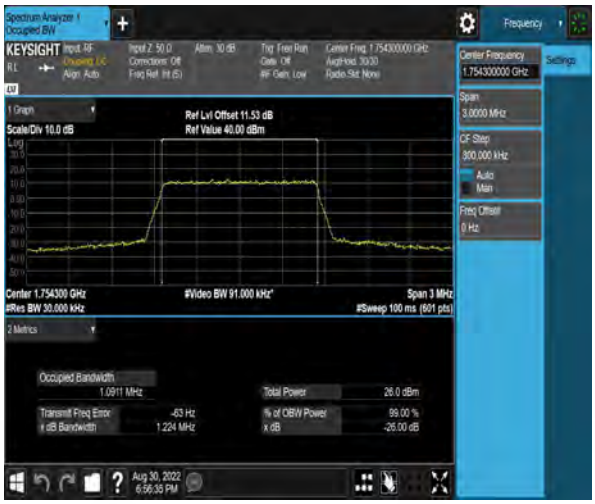
Band4-20MHz-64QAM-20300-100RB#0

Appendix C: 26dB Bandwidth and Occupied Bandwidth

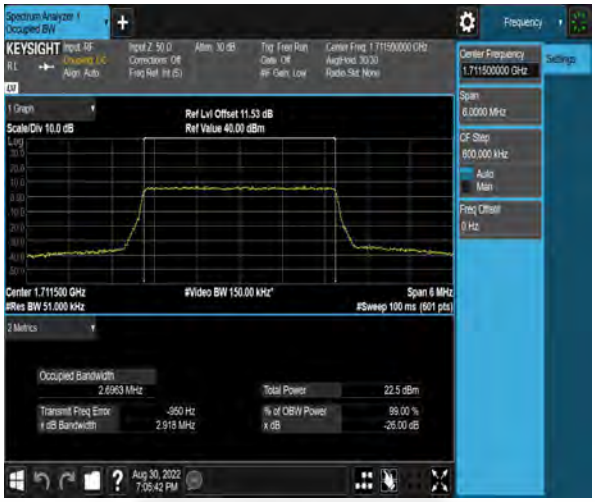
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	64QAM	19957	6RB#0	1.0882	1.231	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.0918	1.221	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.0911	1.224	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.6963	2.918	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.6906	2.900	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.6927	2.918	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.4988	4.807	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.4932	4.867	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.5037	4.863	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.9809	9.539	PASS
Band4	10MHz	64QAM	20175	50RB#0	8.9679	9.526	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.9760	9.545	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.430	14.23	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.436	14.23	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.458	14.24	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.895	18.95	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.940	18.95	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.911	18.96	PASS

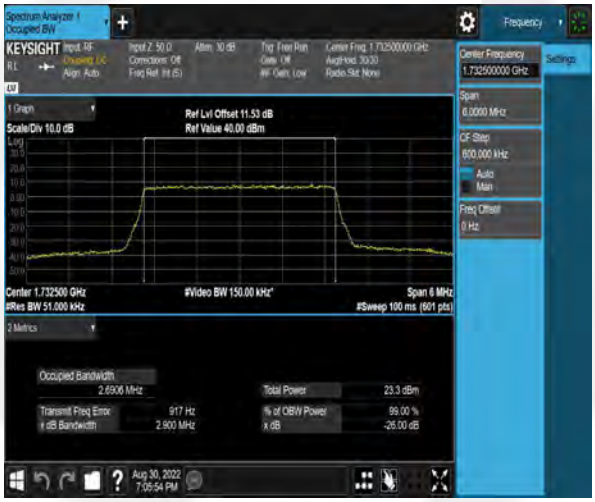
Test Graphs

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

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

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


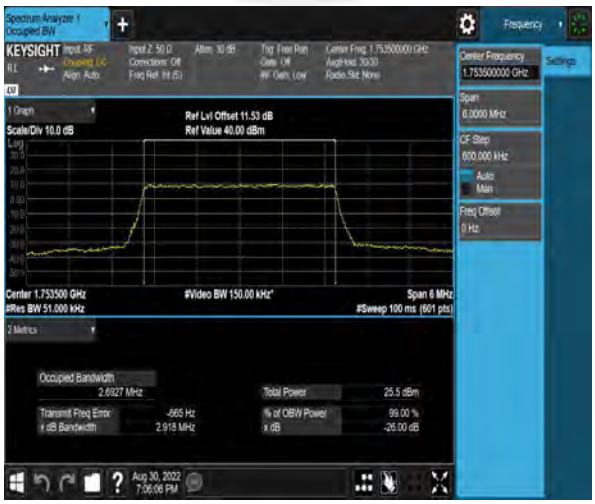
Band4-3MHz-64QAM-19965-15RB#0



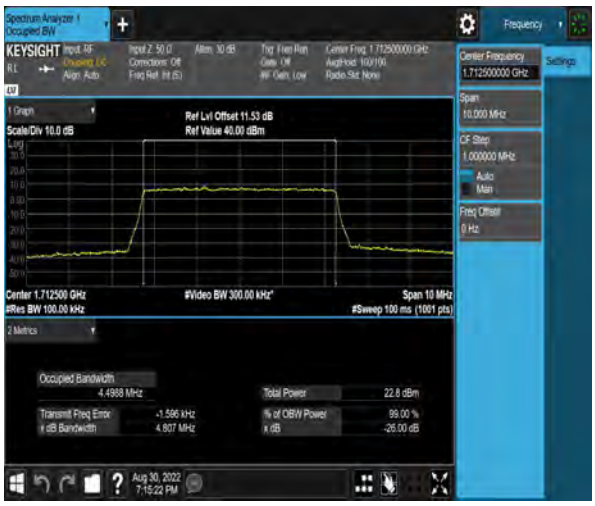
Band4-3MHz-64QAM-20175-15RB#0



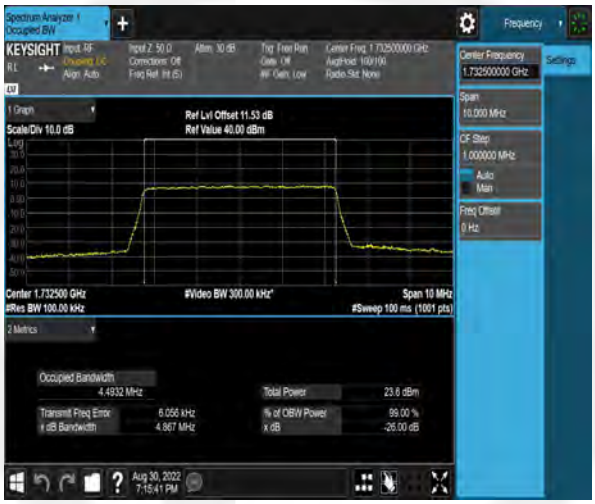
Band4-3MHz-64QAM-20385-15RB#0



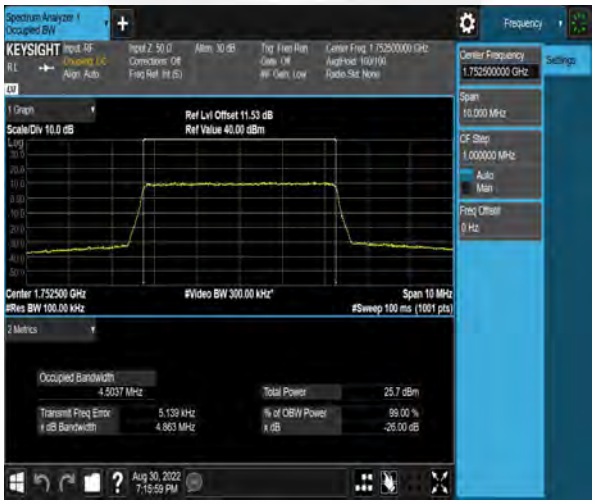
Band4-5MHz-64QAM-19975-25RB#0



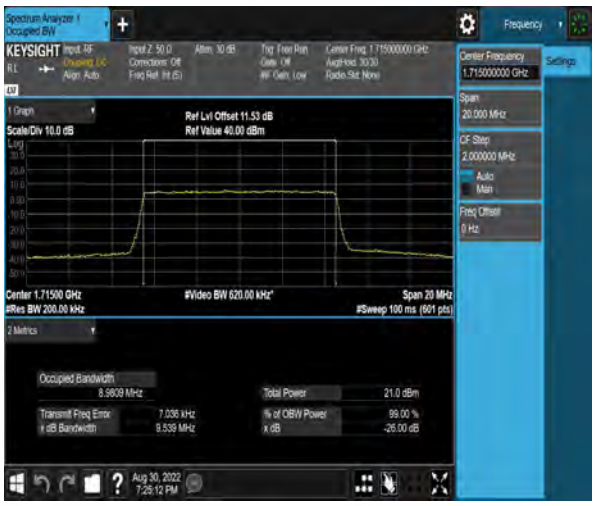
Band4-5MHz-64QAM-20175-25RB#0



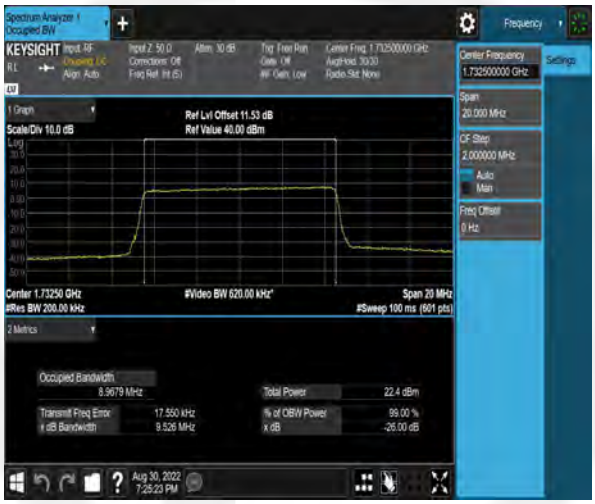
Band4-5MHz-64QAM-20375-25RB#0



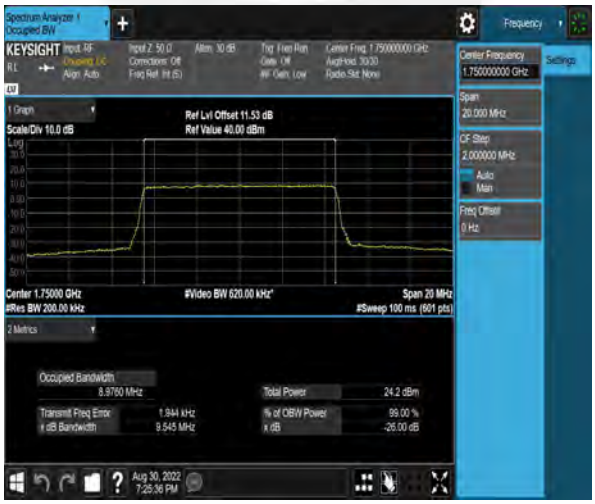
Band4-10MHz-64QAM-20000-50RB#0



Band4-10MHz-64QAM-20175-50RB#0

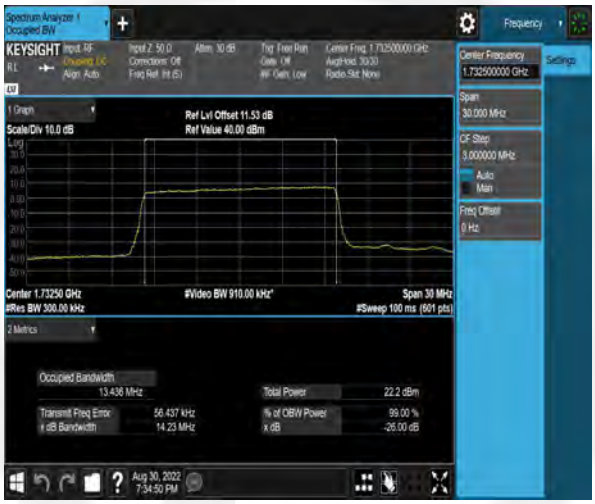


Band4-10MHz-64QAM-20350-50RB#0

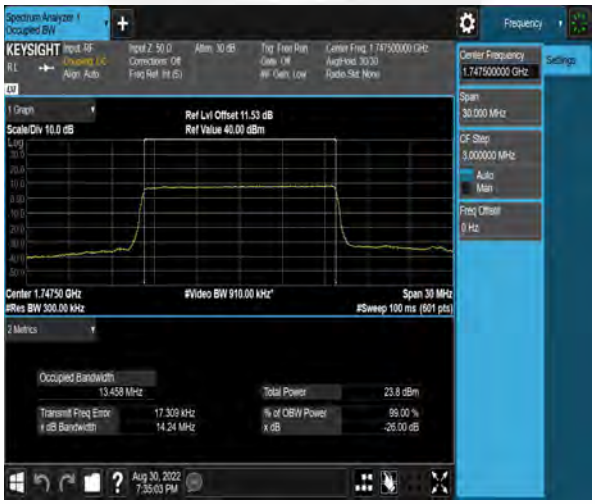


Band4-15MHz-64QAM-20025-75RB#0

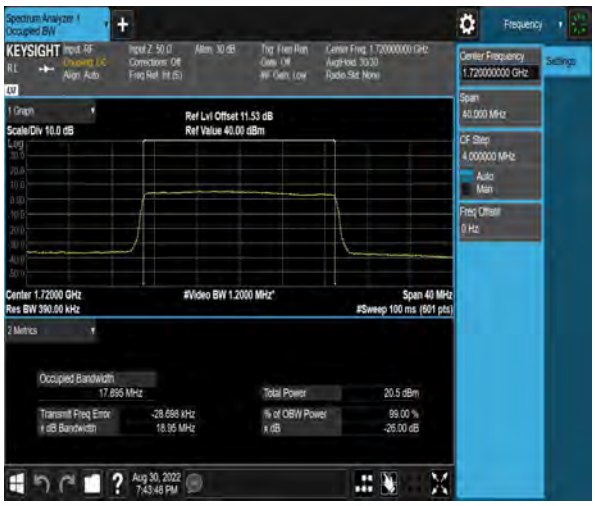
Band4-15MHz-64QAM-20175-75RB#0



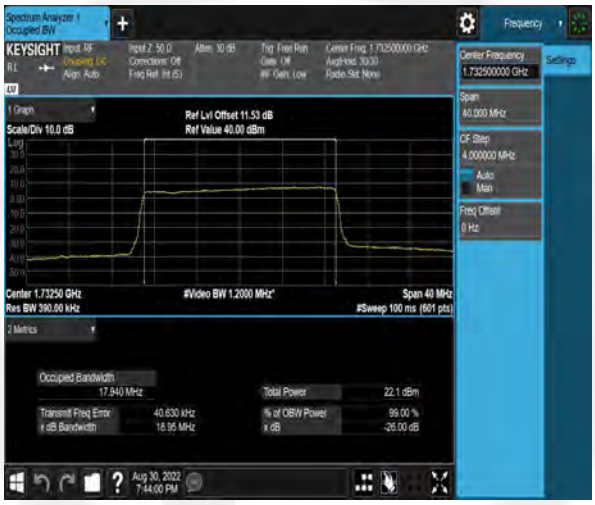
Band4-15MHz-64QAM-20325-75RB#0



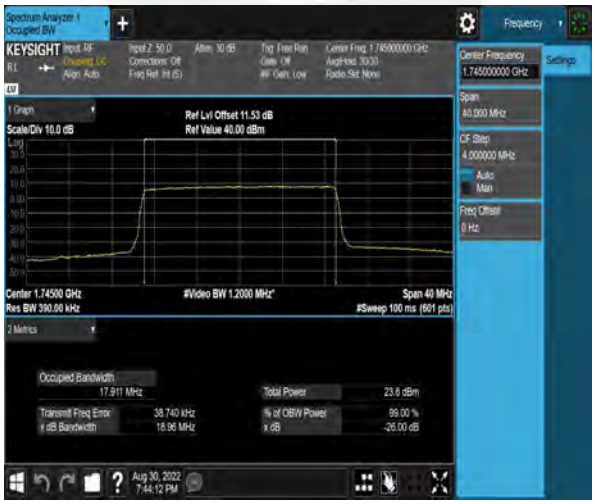
Band4-20MHz-64QAM-20050-100RB#0



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



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



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band4	1.4MHz	64QAM	19957	6RB#0	-34.90	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	-31.52	PASS
Band4	3MHz	64QAM	19965	15RB#0	-26.46	PASS
Band4	3MHz	64QAM	20385	15RB#0	-24.15	PASS
Band4	5MHz	64QAM	19975	25RB#0	-29.12	PASS
Band4	5MHz	64QAM	20375	25RB#0	-26.56	PASS
Band4	10MHz	64QAM	20000	50RB#0	-33.59	PASS
Band4	10MHz	64QAM	20350	50RB#0	-29.94	PASS
Band4	15MHz	64QAM	20025	75RB#0	-34.18	PASS
Band4	15MHz	64QAM	20325	75RB#0	-30.31	PASS
Band4	20MHz	64QAM	20050	100RB#0	-34.65	PASS
Band4	20MHz	64QAM	20300	100RB#0	-31.70	PASS

Test Graphs

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

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

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

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

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

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

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

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

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

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

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

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

Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	64QAM	19957	1RB#0	Range1:30~1000MHz	-45.34	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	Range2:1000~2000MHz	-41.56	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	Range3:2000~20000MHz	-41.65	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	Range1:30~1000MHz	-46	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	Range2:1000~2000MHz	-41.86	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	Range3:2000~20000MHz	-42.53	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	Range1:30~1000MHz	-45.18	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	Range2:1000~2000MHz	-42.55	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	Range3:2000~20000MHz	-43.01	PASS
Band4	3MHz	64QAM	19965	1RB#0	Range1:30~1000MHz	-46.03	PASS
Band4	3MHz	64QAM	19965	1RB#0	Range2:1000~2000MHz	-42.18	PASS
Band4	3MHz	64QAM	19965	1RB#0	Range3:2000~20000MHz	-42.9	PASS
Band4	3MHz	64QAM	20175	1RB#0	Range1:30~1000MHz	-45.27	PASS
Band4	3MHz	64QAM	20175	1RB#0	Range2:1000~2000MHz	-41.72	PASS
Band4	3MHz	64QAM	20175	1RB#0	Range3:2000~20000MHz	-41.8	PASS
Band4	3MHz	64QAM	20385	1RB#0	Range1:30~1000MHz	-45.39	PASS
Band4	3MHz	64QAM	20385	1RB#0	Range2:1000~	-42.31	PASS

					2000MHz		
Band4	3MHz	64QAM	20385	1RB#0	Range3:2000~20000MHz	-38.26	PASS
Band4	5MHz	64QAM	19975	1RB#0	Range1:30~1000MHz	-45.44	PASS
Band4	5MHz	64QAM	19975	1RB#0	Range2:1000~2000MHz	-41.77	PASS
Band4	5MHz	64QAM	19975	1RB#0	Range3:2000~20000MHz	-42.37	PASS
Band4	5MHz	64QAM	20175	1RB#0	Range1:30~1000MHz	-45.13	PASS
Band4	5MHz	64QAM	20175	1RB#0	Range2:1000~2000MHz	-41.66	PASS
Band4	5MHz	64QAM	20175	1RB#0	Range3:2000~20000MHz	-42.27	PASS
Band4	5MHz	64QAM	20375	1RB#0	Range1:30~1000MHz	-44.79	PASS
Band4	5MHz	64QAM	20375	1RB#0	Range2:1000~2000MHz	-42.4	PASS
Band4	5MHz	64QAM	20375	1RB#0	Range3:2000~20000MHz	-42.46	PASS
Band4	10MHz	64QAM	20000	1RB#0	Range1:30~1000MHz	-45.39	PASS
Band4	10MHz	64QAM	20000	1RB#0	Range2:1000~2000MHz	-41.35	PASS
Band4	10MHz	64QAM	20000	1RB#0	Range3:2000~20000MHz	-41.99	PASS
Band4	10MHz	64QAM	20175	1RB#0	Range1:30~1000MHz	-45.71	PASS
Band4	10MHz	64QAM	20175	1RB#0	Range2:1000~2000MHz	-40.64	PASS
Band4	10MHz	64QAM	20175	1RB#0	Range3:2000~20000MHz	-42.18	PASS
Band4	10MHz	64QAM	20350	1RB#0	Range1:30~1000MHz	-45.73	PASS
Band4	10MHz	64QAM	20350	1RB#0	Range2:1000~2000MHz	-41.13	PASS

Band4	10MHz	64QAM	20350	1RB#0	Range3:2000~20000MHz	-35.11	PASS
Band4	15MHz	64QAM	20025	1RB#0	Range1:30~1000MHz	-45.74	PASS
Band4	15MHz	64QAM	20025	1RB#0	Range2:1000~2000MHz	-41.2	PASS
Band4	15MHz	64QAM	20025	1RB#0	Range3:2000~20000MHz	-42.22	PASS
Band4	15MHz	64QAM	20175	1RB#0	Range1:30~1000MHz	-45.4	PASS
Band4	15MHz	64QAM	20175	1RB#0	Range2:1000~2000MHz	-41.84	PASS
Band4	15MHz	64QAM	20175	1RB#0	Range3:2000~20000MHz	-42.54	PASS
Band4	15MHz	64QAM	20325	1RB#0	Range1:30~1000MHz	-44.74	PASS
Band4	15MHz	64QAM	20325	1RB#0	Range2:1000~2000MHz	-42.36	PASS
Band4	15MHz	64QAM	20325	1RB#0	Range3:2000~20000MHz	-42.16	PASS
Band4	20MHz	64QAM	20050	1RB#0	Range1:30~1000MHz	-45.4	PASS
Band4	20MHz	64QAM	20050	1RB#0	Range2:1000~2000MHz	-42.14	PASS
Band4	20MHz	64QAM	20050	1RB#0	Range3:2000~20000MHz	-41.64	PASS
Band4	20MHz	64QAM	20175	1RB#0	Range1:30~1000MHz	-45.37	PASS
Band4	20MHz	64QAM	20175	1RB#0	Range2:1000~2000MHz	-40.42	PASS
Band4	20MHz	64QAM	20175	1RB#0	Range3:2000~20000MHz	-42.77	PASS
Band4	20MHz	64QAM	20300	1RB#0	Range1:30~1000MHz	-46.33	PASS
Band4	20MHz	64QAM	20300	1RB#0	Range2:1000~2000MHz	-42.08	PASS
Band4	20MHz	64QAM	20300	1RB#0	Range3:2000~	-42.62	PASS

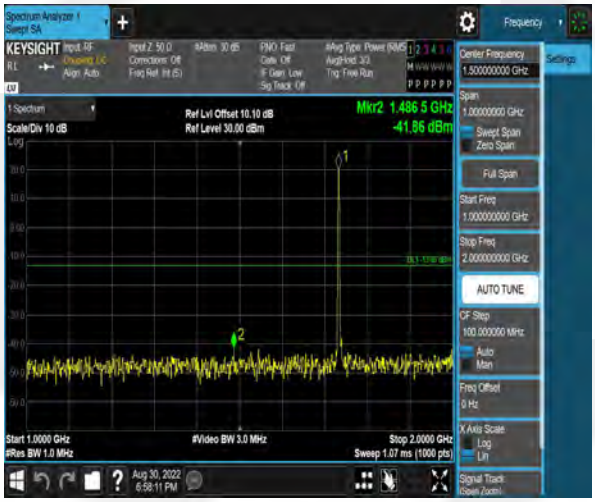
					20000MHz		

Test Graphs

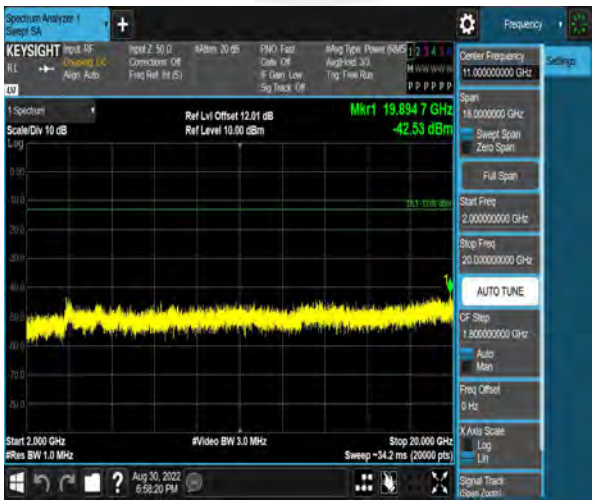
Band4-1.4MHz-64QAM-19957-1RB#0-Range1:30~1000MHz
Band4-1.4MHz-64QAM-19957-1RB#0-Range2:1000~2000MHz
Band4-1.4MHz-64QAM-19957-1RB#0-Range3:2000~20000MHz

Band4-1.4MHz-64QAM-20175-1RB#0-Range1:30~1000MHz

Band4-1.4MHz-64QAM-20175-1RB#0-Range2:1000~2000MHz



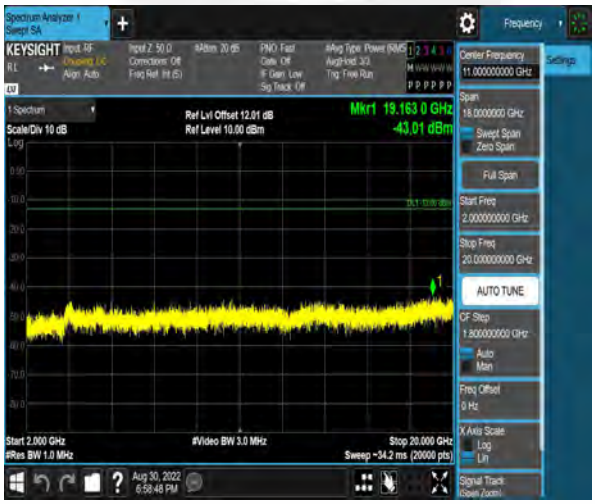
Band4-1.4MHz-64QAM-20175-1RB#0-Range3:2000~20000MHz



Band4-1.4MHz-64QAM-20393-1RB#0-Range1:30~1000MHz

Band4-1.4MHz-64QAM-20393-1RB#0-Range2:1000~2000MHz

Band4-1.4MHz-64QAM-20393-1RB#0-Range3:2000~20000MHz



Band4-3MHz-64QAM-19965-1RB#0-Range1:30~1000MHz

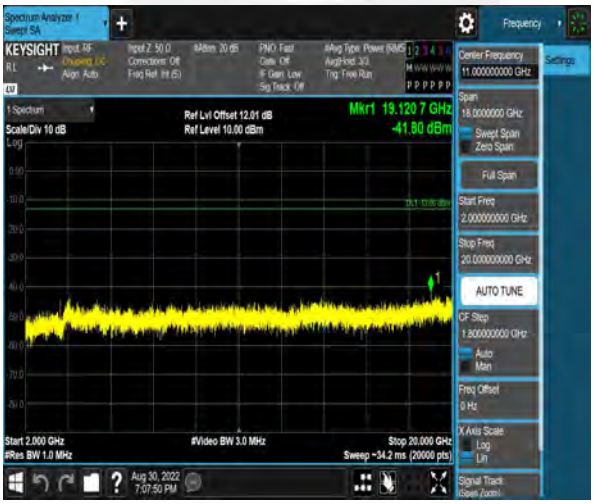
Band4-3MHz-64QAM-19965-1RB#0-Range2:1000~2000MHz

Band4-3MHz-64QAM-19965-1RB#0-Range3:2000~20000MHz

Band4-3MHz-64QAM-20175-1RB#0-Range1:30~1000MHz

Band4-3MHz-64QAM-20175-1RB#0-Range2:1000~2000MHz

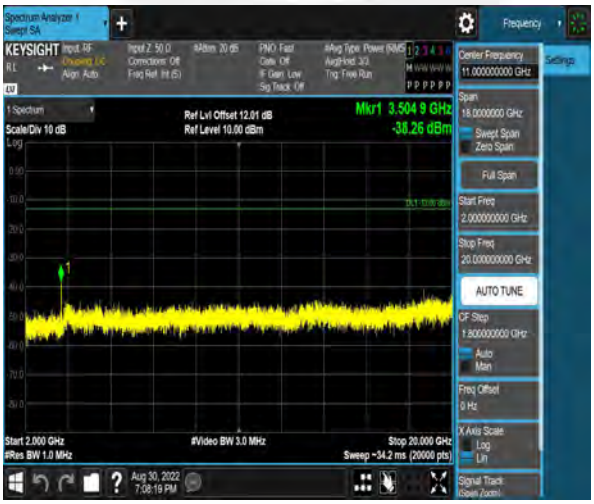
Band4-3MHz-64QAM-20175-1RB#0-Range3:2000~20000MHz



Band4-3MHz-64QAM-20385-1RB#0-Range1:30~1000MHz

Band4-3MHz-64QAM-20385-1RB#0-Range2:1000~2000MHz

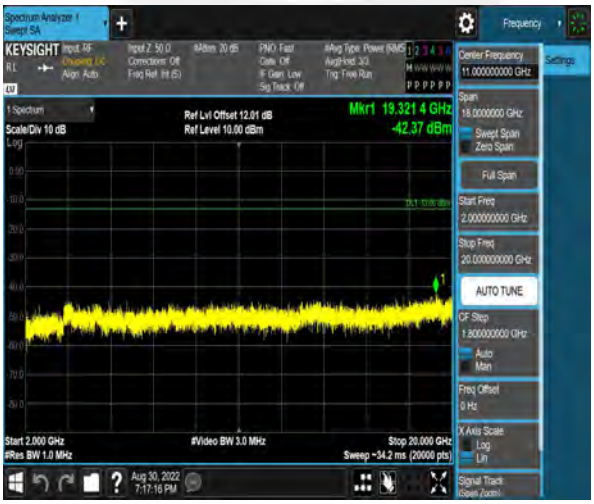
Band4-3MHz-64QAM-20385-1RB#0-Range3:2000~20000MHz



Band4-5MHz-64QAM-19975-1RB#0-Range1:30~1000MHz

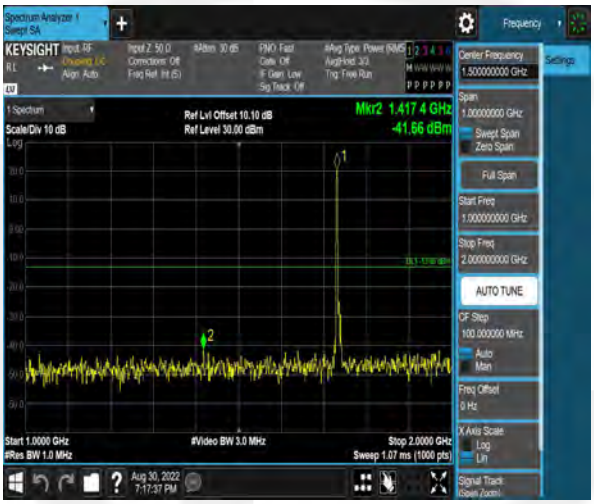
Band4-5MHz-64QAM-19975-1RB#0-Range2:1000~2000MHz

Band4-5MHz-64QAM-19975-1RB#0-Range3:2000~20000MHz



Band4-5MHz-64QAM-20175-1RB#0-Range1:30~1000MHz

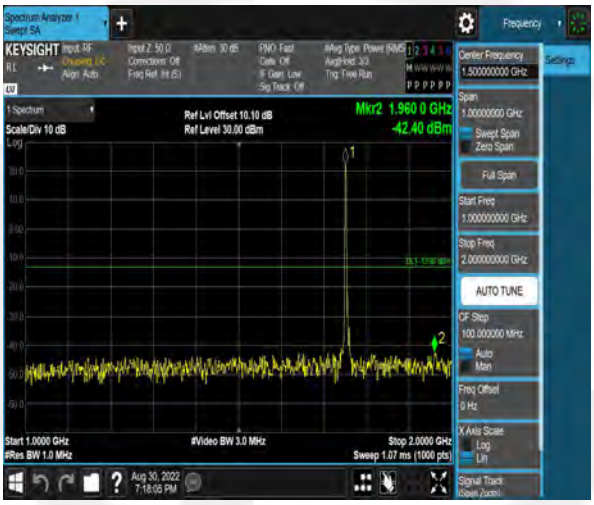
Band4-5MHz-64QAM-20175-1RB#0-Range2:1000~2000MHz



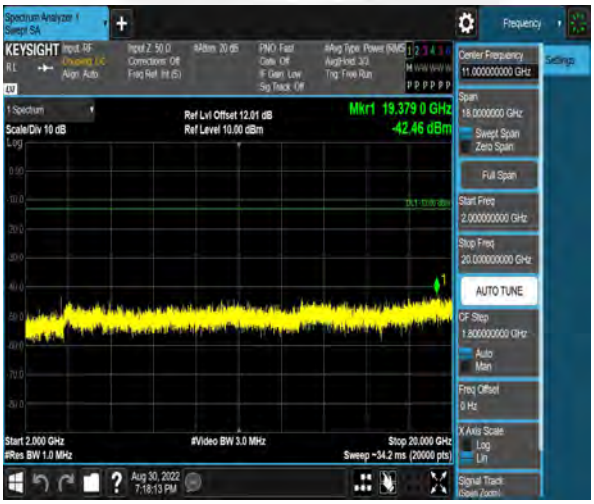
Band4-5MHz-64QAM-20175-1RB#0-Range3:2000~20000MHz

Band4-5MHz-64QAM-20375-1RB#0-Range1:30~1000MHz

Band4-5MHz-64QAM-20375-1RB#0-Range2:1000~2000MHz

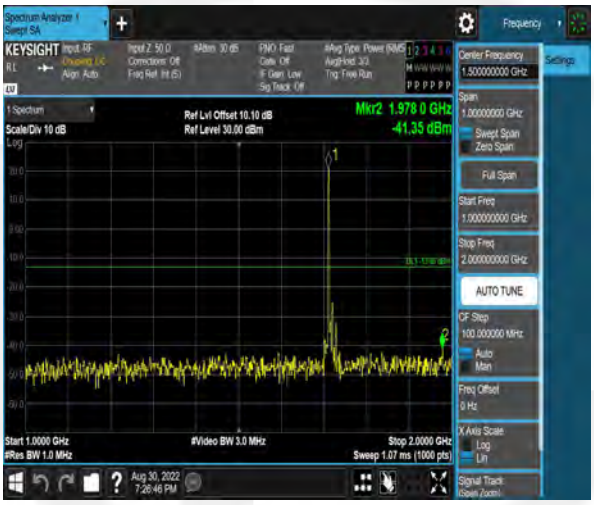


Band4-5MHz-64QAM-20375-1RB#0-Range3:2000~20000MHz



Band4-10MHz-64QAM-20000-1RB#0-Range1:30~1000MHz

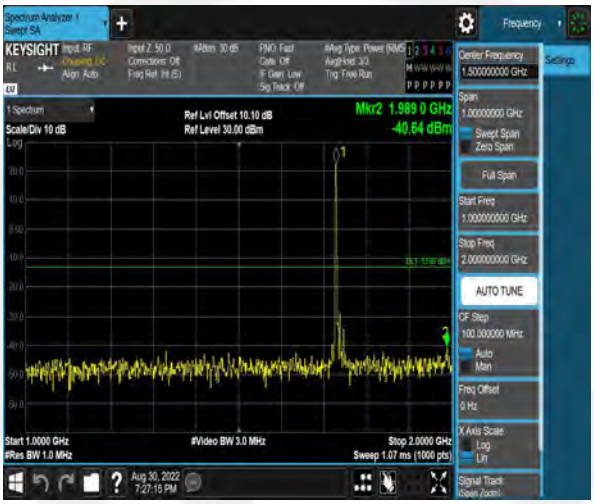
Band4-10MHz-64QAM-20000-1RB#0-Range2:1000~2000MHz



Band4-10MHz-64QAM-20000-1RB#0-Range3:2000~20000MHz

Band4-10MHz-64QAM-20175-1RB#0-Range1:30~1000MHz

Band4-10MHz-64QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-10MHz-64QAM-20175-1RB#0-Range3:2000~20000MHz

Band4-10MHz-64QAM-20350-1RB#0-Range1:30~1000MHz

Band4-10MHz-64QAM-20350-1RB#0-Range2:1000~2000MHz

Band4-10MHz-64QAM-20350-1RB#0-Range3:2000~20000MHz

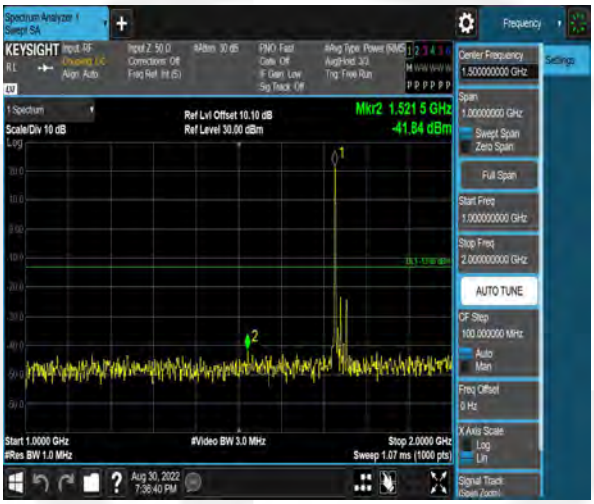
Band4-15MHz-64QAM-20025-1RB#0-Range1:30~1000MHz

Band4-15MHz-64QAM-20025-1RB#0-Range2:1000~2000MHz

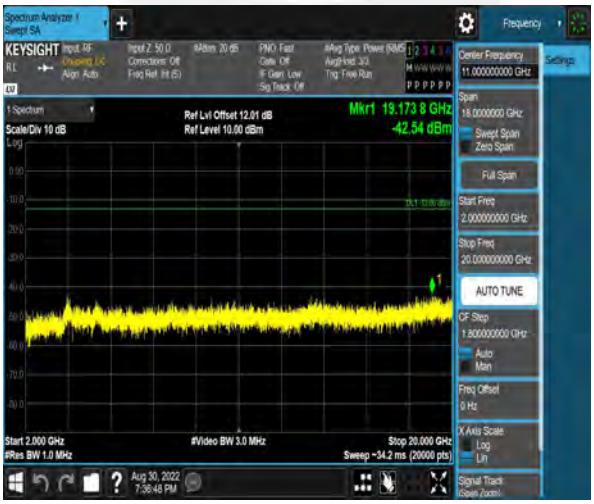
Band4-15MHz-64QAM-20025-1RB#0-Range3:2000~20000MHz

Band4-15MHz-64QAM-20175-1RB#0-Range1:30~1000MHz

Band4-15MHz-64QAM-20175-1RB#0-Range2:1000~2000MHz

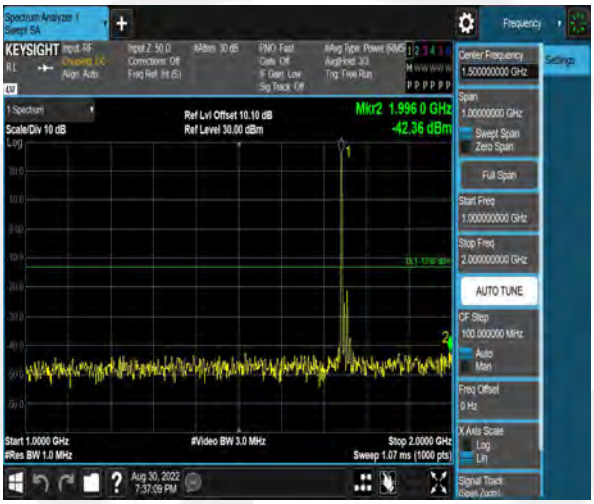


Band4-15MHz-64QAM-20175-1RB#0-Range3:2000~20000MHz

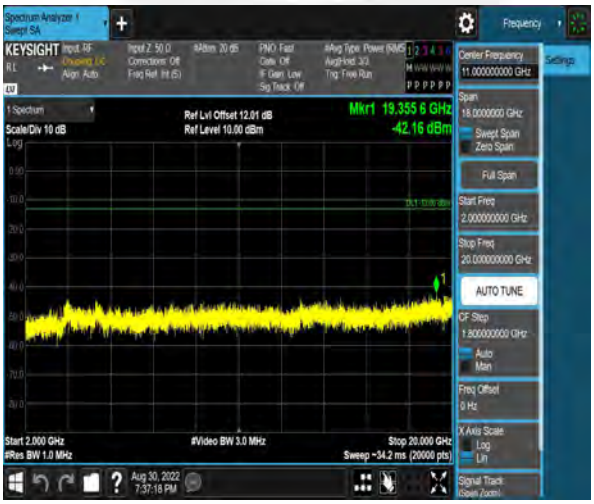


Band4-15MHz-64QAM-20325-1RB#0-Range1:30~1000MHz

Band4-15MHz-64QAM-20325-1RB#0-Range2:1000~2000MHz



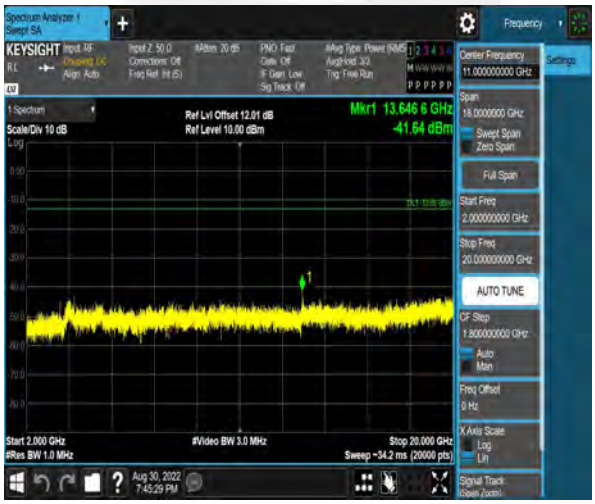
Band4-15MHz-64QAM-20325-1RB#0-Range3:2000~20000MHz



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

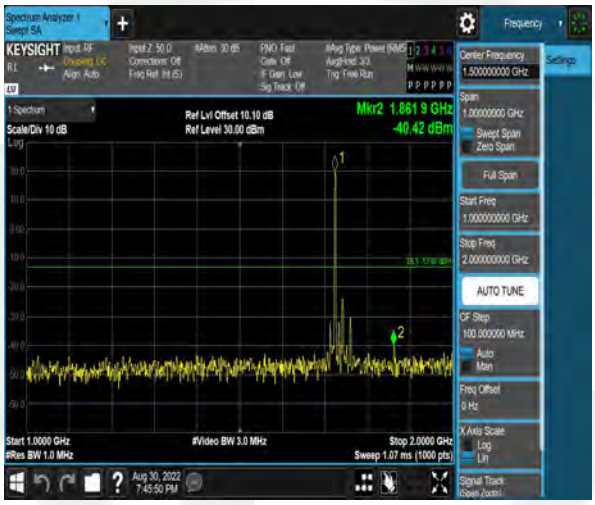
Band4-20MHz-64QAM-20050-1RB#0-Range2:1000~2000MHz

Band4-20MHz-64QAM-20050-1RB#0-Range3:2000~20000MHz

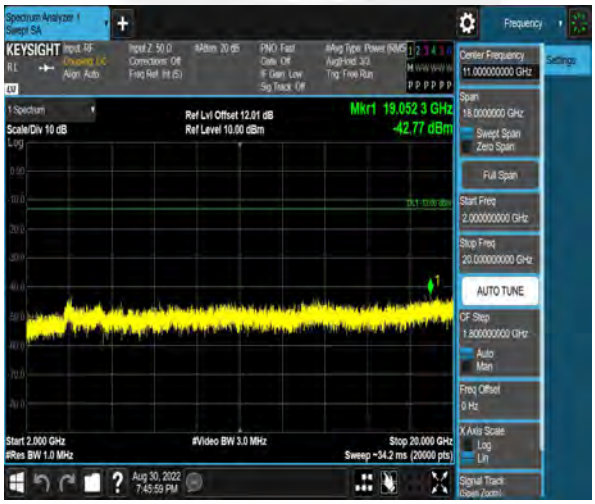


Band4-20MHz-64QAM-20175-1RB#0-Range1:30~1000MHz

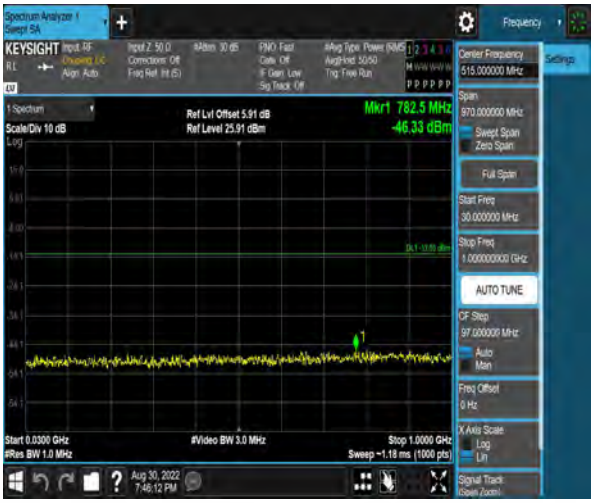
Band4-20MHz-64QAM-20175-1RB#0-Range2:1000~2000MHz



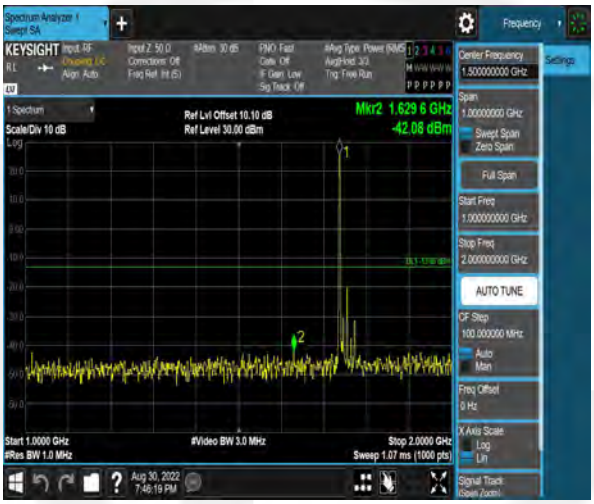
Band4-20MHz-64QAM-20175-1RB#0-Range3:2000~20000MHz



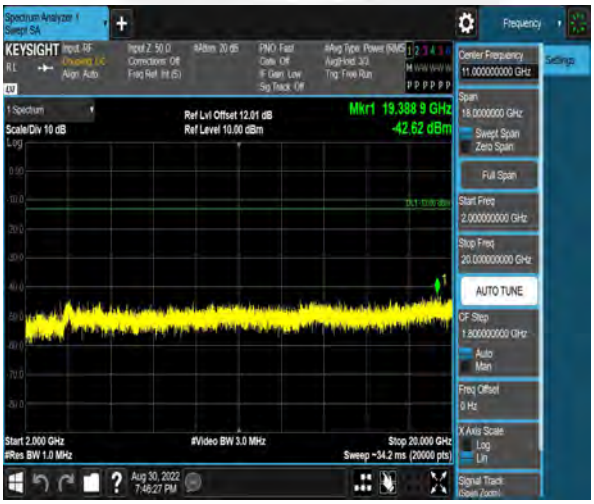
Band4-20MHz-64QAM-20300-1RB#0-Range1:30~1000MHz



Band4-20MHz-64QAM-20300-1RB#0-Range2:1000~2000MHz



Band4-20MHz-64QAM-20300-1RB#0-Range3:2000~20000MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	64QAM	19957	6RB#0	VL	NT	-8.77	-0.005127	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	VN	NT	-8.58	-0.005015	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	VH	NT	6.49	0.003794	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	VL	NT	18.38	0.010609	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	VN	NT	20.41	0.011781	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	VH	NT	5.75	0.003319	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	VL	NT	-7.87	-0.004486	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	VN	NT	-3.03	-0.001727	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	VH	NT	2.19	0.001248	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	VL	NT	15.56	0.009091	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	VN	NT	12.00	0.007011	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	VH	NT	13.36	0.007806	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	VL	NT	5.95	0.003434	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	VN	NT	11.33	0.006540	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	VH	NT	11.57	0.006678	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	VL	NT	12.55	0.007157	±2.5	PASS

Band4	3MHz	64QAM	20385	15RB#0	VN	NT	10.84	0.006182	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	VH	NT	6.61	0.003770	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	VL	NT	-2.56	-0.001495	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	VN	NT	-7.41	-0.004327	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	VH	NT	1.92	0.001121	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	VL	NT	9.31	0.005374	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	VN	NT	10.56	0.006095	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	VH	NT	13.33	0.007694	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	VL	NT	7.17	0.004091	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	VN	NT	5.51	0.003144	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	VH	NT	4.84	0.002762	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	VL	NT	5.89	0.003434	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	VN	NT	7.01	0.004087	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	VH	NT	-2.15	-0.001254	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	VL	NT	16.09	0.009287	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	VN	NT	9.61	0.005547	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	VH	NT	10.90	0.006291	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	VL	NT	5.46	0.003120	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	VN	NT	-3.75	-0.0021	±2.5	PASS

								43		
Band4	10MHz	64QAM	20350	50RB#0	VH	NT	4.66	0.002663	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	VL	NT	11.47	0.006678	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	VN	NT	11.67	0.006795	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	VH	NT	9.16	0.005333	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	VL	NT	10.07	0.005812	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	VN	NT	10.36	0.005980	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	VH	NT	7.60	0.004387	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	VL	NT	12.36	0.007073	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	VN	NT	7.54	0.004315	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	VH	NT	8.08	0.004624	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VL	NT	-8.88	-0.005163	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VN	NT	-10.49	-0.006099	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VH	NT	-7.30	-0.004244	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VL	NT	6.67	0.003850	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VN	NT	11.60	0.006696	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VH	NT	7.04	0.004063	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VL	NT	-4.78	-0.002739	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VN	NT	-3.75	-0.002149	±2.5	PASS

Band4	20MHz	64QAM	20300	100RB#0	VH	NT	8.54	0.004894	±2.5	PASS

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	64QAM	19957	6RB#0	NV	-30	10.76	0.006290	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	-20	10.46	0.006114	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	-10	13.83	0.008084	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	0	13.50	0.007892	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	10	11.69	0.006833	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	20	3.66	0.002139	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	30	4.78	0.002794	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	40	3.23	0.001888	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	50	-3.56	-0.002081	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	-30	7.15	0.004127	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	-20	7.14	0.004121	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	-10	2.53	0.001460	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	0	4.48	0.002586	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	10	-5.79	-0.003342	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	20	-4.16	-0.002401	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	30	2.42	0.001397	±2.5	PASS

Band4	1.4MHz	64QAM	20175	6RB#0	NV	40	-5.31	-0.003065	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	50	-3.79	-0.002188	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	-30	10.81	0.006162	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	-20	15.85	0.009035	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	-10	13.52	0.007707	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	0	13.89	0.007918	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	10	15.85	0.009035	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	20	13.30	0.007581	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	30	10.34	0.005894	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	40	5.09	0.002901	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	50	10.34	0.005894	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	-30	16.22	0.009477	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	-20	7.11	0.004154	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	-10	7.75	0.004528	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	0	9.33	0.005451	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	10	13.83	0.008081	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	20	11.92	0.006965	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	30	9.88	0.005773	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	40	6.78	0.00396	±2.5	PASS

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Band4	3MHz	64QAM	19965	15RB#0	NV	50	6.32	0.003693	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	-30	7.72	0.004456	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	-20	14.49	0.008364	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	-10	12.40	0.007157	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	0	7.45	0.004300	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	10	10.80	0.006234	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	20	5.59	0.003227	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	30	12.26	0.007076	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	40	10.03	0.005789	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	50	16.11	0.009299	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	-30	11.67	0.006655	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	-20	8.37	0.004773	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	-10	8.11	0.004625	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	0	14.39	0.008206	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	10	11.89	0.006781	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	20	11.92	0.006798	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	30	6.85	0.003906	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	40	11.50	0.006558	±2.5	PASS

Band4	3MHz	64QAM	20385	15RB#0	NV	50	11.90	0.006786	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	-30	-2.95	-0.001723	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	-20	-3.39	-0.001980	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	-10	-9.34	-0.005454	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	0	-11.30	-0.006599	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	10	-3.09	-0.001804	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	20	-9.40	-0.005489	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	30	-4.29	-0.002505	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	40	-6.05	-0.003533	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	50	-8.53	-0.004981	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	-30	13.49	0.007786	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	-20	13.22	0.007631	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	-10	7.08	0.004087	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	0	10.76	0.006211	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	10	5.02	0.002898	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	20	10.96	0.006326	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	30	4.55	0.002626	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	40	11.96	0.006903	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	50	13.95	0.00805	±2.5	PASS

								2		
Band4	5MHz	64QAM	20375	25RB#0	NV	-30	5.87	0.003350	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	-20	4.11	0.002345	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	-10	8.37	0.004776	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	0	3.60	0.002054	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	10	-5.54	-0.003161	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	20	-5.09	-0.002904	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	30	6.49	0.003703	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	40	-6.15	-0.003509	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	50	6.59	0.003760	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	-30	5.87	0.003423	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	-20	-6.35	-0.003703	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	-10	-5.22	-0.003044	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	0	5.18	0.003020	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	10	3.05	0.001778	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	20	5.51	0.003213	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	30	-5.09	-0.002968	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	40	10.63	0.006198	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	50	7.10	0.004140	±2.5	PASS

Band4	10MHz	64QAM	20175	50RB#0	NV	-30	6.54	0.003775	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	-20	7.28	0.004202	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	-10	5.66	0.003267	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	0	6.47	0.003734	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	10	8.94	0.005160	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	20	12.73	0.007348	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	30	9.31	0.005374	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	40	13.26	0.007654	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	50	8.07	0.004658	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	-30	5.22	0.002983	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	-20	3.09	0.001766	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	-10	5.59	0.003194	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	0	8.71	0.004977	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	10	8.81	0.005034	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	20	5.15	0.002943	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	30	-3.96	-0.002263	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	40	2.80	0.001600	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	50	4.52	0.002583	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	-30	7.95	0.00462	±2.5	PASS

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Band4	15MHz	64QAM	20025	75RB#0	NV	-20	12.37	0.007202	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	-10	9.68	0.005636	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	0	14.09	0.008204	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	10	7.71	0.004489	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	20	10.71	0.006236	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	30	12.27	0.007144	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	40	9.34	0.005438	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	50	8.91	0.005188	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	-30	6.18	0.003567	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	-20	11.69	0.006747	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	-10	9.26	0.005345	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	0	8.43	0.004866	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	10	11.04	0.006372	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	20	3.78	0.002182	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	30	9.41	0.005431	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	40	8.38	0.004837	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	50	7.67	0.004427	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	-30	11.54	0.006604	±2.5	PASS

Band4	15MHz	64QAM	20325	75RB#0	NV	-20	8.47	0.004847	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	-10	10.74	0.006146	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	0	10.46	0.005986	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	10	5.94	0.003399	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	20	9.67	0.005534	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	30	5.54	0.003170	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	40	3.82	0.002186	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	50	10.24	0.005860	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-30	-5.08	-0.002953	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-20	-10.71	-0.006227	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-10	-3.42	-0.001988	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	0	-7.25	-0.004215	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	10	-6.82	-0.003965	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	20	-7.75	-0.004506	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	30	-4.84	-0.002814	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	40	-2.59	-0.001506	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	50	-10.34	-0.006012	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-30	11.66	0.006730	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-20	7.48	0.00431	±2.5	PASS

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Band4	20MHz	64QAM	20175	100RB#0	NV	-10	8.23	0.004750	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	0	4.35	0.002511	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	10	11.84	0.006834	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	20	11.16	0.006442	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	30	7.65	0.004416	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	40	12.76	0.007365	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	50	10.49	0.006055	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-30	4.76	0.002728	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-20	6.34	0.003633	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-10	6.62	0.003794	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	0	8.44	0.004837	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	10	4.76	0.002728	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	20	6.51	0.003731	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	30	-4.33	-0.002481	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	40	5.72	0.003278	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	50	-4.96	-0.002842	±2.5	PASS