

LTE Band 4 Test Data

Product Name : Tablet

Model Number : xTablet T1190

FCC ID : O86T1190

Applicant:	MobileDemand, L.C. 1501 Boyson Sq Dr, Ste 101 Hiawatha, Iowa, 52233, United States
Manufacturer:	MobileDemand, L.C. No.88 East Qianjin Road, Kunshan city, Jiangsu province, China
Product Description:	Tablet
Trademark:	MobileDemand
Model Number:	xTablet T1190

Appendix A: RF POWER OUTPUT

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.02	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.08	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.05	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.10	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.06	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.02	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.07	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.20	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.24	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.11	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.16	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.19	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.11	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.19	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.18	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.23	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.14	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.20	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.16	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.16	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.20	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	20.96	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.03	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	20.97	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	20.87	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	20.86	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	20.83	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.05	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.09	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.14	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.06	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	20.98	PASS

Band4	1.4MHz	16QAM	20175	3RB#1	20.98	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	20.96	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.12	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.12	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.24	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.09	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.04	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	20.96	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.20	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.13	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.10	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.06	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.09	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.12	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.08	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.05	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.21	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.25	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.19	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.24	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.21	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.21	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.25	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.28	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.28	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.29	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.19	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.21	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.24	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.24	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.10	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.10	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.08	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.12	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.12	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.10	PASS

Band4	3MHz	16QAM	19965	15RB#0	20.11	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.22	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.20	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.20	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.23	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.22	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.19	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.20	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.12	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.10	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.11	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.20	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.21	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.21	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.16	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.21	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.24	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.21	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.12	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.07	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.10	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.09	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.35	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.36	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.30	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.24	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.24	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.20	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.23	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.24	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.31	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.27	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.23	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.28	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.22	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.23	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.11	PASS

Band4	5MHz	16QAM	19975	1RB#12	21.17	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.08	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.10	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.10	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.08	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.09	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.28	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.29	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.19	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.18	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.20	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.17	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.21	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.33	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.39	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.35	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.27	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.22	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.25	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.21	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.11	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.09	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.23	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.13	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.12	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.12	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.11	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.36	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.17	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.19	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.23	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.24	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.22	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.25	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.27	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.23	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.28	PASS

Band4	10MHz	QPSK	20350	25RB#0	21.25	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.27	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.23	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.22	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.13	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.05	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.17	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.12	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.06	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.07	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.09	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.39	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.20	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.21	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.26	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.25	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.19	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.26	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.11	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.11	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.08	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.30	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.24	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.26	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.24	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.08	PASS
Band4	15MHz	QPSK	20025	1RB#38	21.98	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.17	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.07	PASS
Band4	15MHz	QPSK	20025	38RB#18	20.93	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.18	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.01	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.42	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.23	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.24	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.42	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.20	PASS

Band4	15MHz	QPSK	20175	38RB#37	21.22	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.22	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.17	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.12	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.16	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.31	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.25	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.35	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.22	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.06	PASS
Band4	15MHz	16QAM	20025	1RB#38	20.90	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.20	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.10	PASS
Band4	15MHz	16QAM	20025	38RB#18	20.88	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.15	PASS
Band4	15MHz	16QAM	20025	75RB#0	19.96	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.45	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.23	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.26	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.39	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.23	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.24	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.20	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.35	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.26	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.37	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.32	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.27	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.38	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.27	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.24	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.18	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.30	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.09	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.15	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.17	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.24	PASS

Band4	20MHz	QPSK	20175	1RB#0	22.44	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.22	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.27	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.36	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.35	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.19	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.25	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.28	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.16	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.31	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.17	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.15	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.23	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.27	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.13	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.09	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.22	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.11	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.09	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.19	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.16	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.33	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.13	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.15	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.31	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.34	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.18	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.21	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.43	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.29	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.43	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.18	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.17	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.20	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.25	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	1RB#0	4.78	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.42	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	4.68	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.36	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	4.82	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.53	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.85	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.25	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	5.73	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.20	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	5.86	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.35	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	4.59	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.32	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	4.52	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.24	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	4.63	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.38	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	5.51	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.20	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	5.42	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.12	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	5.72	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.22	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	4.57	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.38	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.51	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.31	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	4.60	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.41	13	PASS

Band4	5MHz	16QAM	19975	1RB#0	5.50	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.15	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	5.43	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.09	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	5.44	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.12	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	5.04	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.62	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	4.88	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.63	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	4.88	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.59	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	5.98	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.14	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	5.87	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.08	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	5.79	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.11	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	8.04	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.72	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	7.97	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.75	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	7.87	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.78	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	7.81	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.76	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	7.88	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.77	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	7.82	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.89	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	7.97	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	6.44	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	8.11	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	6.44	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	7.93	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	6.44	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	7.62	13	PASS

Band4	20MHz	16QAM	20050	100RB#0	7.18	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	8.02	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	7.18	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	7.75	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	7.15	13	PASS



Test Graphs

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



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



Band4-1.4MHz-QPSK-20175-1RB#0



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



Band4-1.4MHz-QPSK-20393-1RB#0



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



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



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



Band4-1.4MHz-16QAM-20175-1RB#0



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



Band4-1.4MHz-16QAM-20393-1RB#0



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



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



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



Band4-3MHz-QPSK-20175-1RB#0



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



Band4-3MHz-QPSK-20385-1RB#0



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



Band4-3MHz-16QAM-19965-1RB#0



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



Band4-3MHz-16QAM-20175-1RB#0



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



Band4-3MHz-16QAM-20385-1RB#0



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



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



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



Band4-5MHz-QPSK-20175-1RB#0



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



Band4-5MHz-QPSK-20375-1RB#0



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



Band4-5MHz-16QAM-19975-1RB#0



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



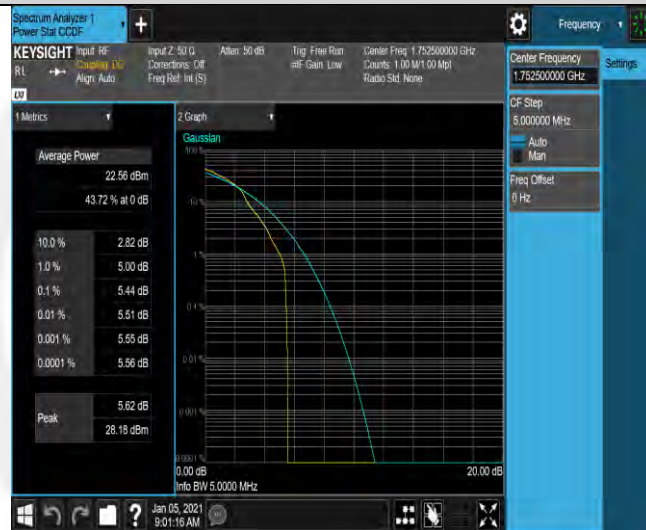
Band4-5MHz-16QAM-20175-1RB#0



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



Band4-5MHz-16QAM-20375-1RB#0



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



Band4-10MHz-QPSK-20000-1RB#0



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



Band4-10MHz-QPSK-20175-1RB#0



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



Band4-10MHz-QPSK-20350-1RB#0



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



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



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



Band4-10MHz-16QAM-20175-1RB#0



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



Band4-10MHz-16QAM-20350-1RB#0



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



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



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



Band4-15MHz-QPSK-20175-1RB#0



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



Band4-15MHz-QPSK-20325-1RB#0



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



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



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



Band4-15MHz-16QAM-20175-1RB#0



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



Band4-15MHz-16QAM-20325-1RB#0



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



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



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



Band4-20MHz-QPSK-20175-1RB#0



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



Band4-20MHz-QPSK-20300-1RB#0



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



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



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



Band4-20MHz-16QAM-20175-1RB#0



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



Band4-20MHz-16QAM-20300-1RB#0



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



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

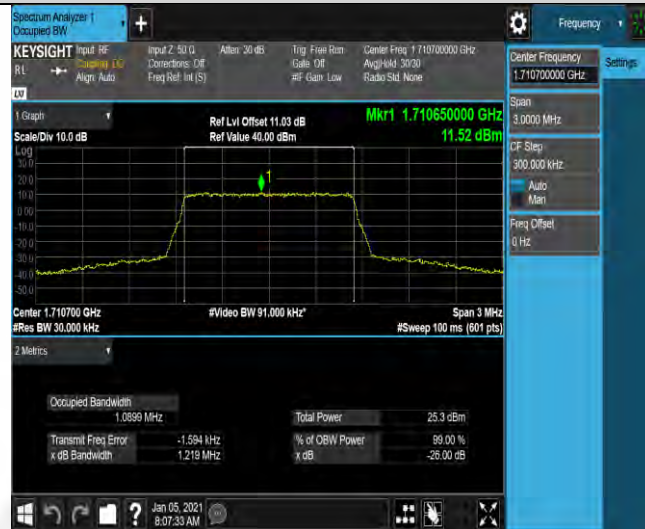
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0899	1.219	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0871	1.217	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0906	1.217	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0875	1.217	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0879	1.224	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0893	1.219	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6943	2.897	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6943	2.906	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6945	2.915	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6893	2.929	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6903	2.903	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6914	2.916	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4981	4.887	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4981	4.854	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4960	4.866	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4995	4.851	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5005	4.851	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4999	4.852	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9737	9.550	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9658	9.531	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9743	9.526	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9714	9.520	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9542	9.508	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9711	9.503	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.444	14.27	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.454	14.24	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.458	14.27	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.429	14.26	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.437	14.22	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.451	14.23	PASS

Band4	20MHz	QPSK	20050	100RB#0	17.886	18.93	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.926	18.97	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.963	18.97	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.870	18.92	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.910	18.94	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.971	18.98	PASS



Test Graphs

Band4-1.4MHz-QPSK-19957-6RB#0-1.0899



Band4-1.4MHz-QPSK-20175-6RB#0-1.0871



Band4-1.4MHz-QPSK-20393-6RB#0-1.0906



Band4-1.4MHz-16QAM-19957-6RB#0-1.0875



Band4-1.4MHz-16QAM-20175-6RB#0-1.0879



Band4-1.4MHz-16QAM-20393-6RB#0-1.0893



Band4-3MHz-QPSK-19965-15RB#0-2.6943



Band4-3MHz-QPSK-20175-15RB#0-2.6943



Band4-3MHz-QPSK-20385-15RB#0-2.6945



Band4-3MHz-16QAM-19965-15RB#0-2.6893



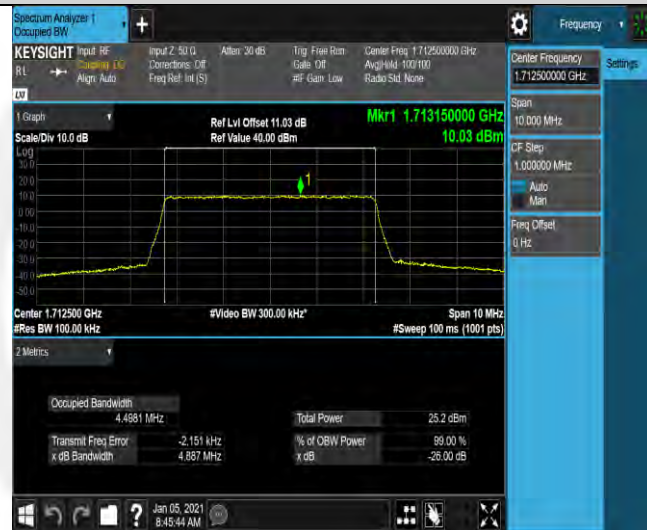
Band4-3MHz-16QAM-20175-15RB#0-2.6903



Band4-3MHz-16QAM-20385-15RB#0-2.6914



Band4-5MHz-QPSK-19975-25RB#0-4.4981



Band4-5MHz-QPSK-171250-25RB#0-4.4981



Band4-5MHz-QPSK-20375-25RB#0-4.4960



Band4-5MHz-16QAM-19975-25RB#0-4.4995



Band4-5MHz-16QAM-20175-25RB#0-4.5005



Band4-5MHz-16QAM-20375-25RB#0-4.4999



Band4-10MHz-QPSK-20000-50RB#0-8.9737



Band4-10MHz-QPSK-20175-50RB#0-8.9658



Band4-10MHz-QPSK-20350-50RB#0-8.9743



Band4-10MHz-16QAM-20000-50RB#0-8.9714



Band4-10MHz-16QAM-20175-50RB#0-8.9542



Band4-10MHz-16QAM-20350-50RB#0-8.9711



Band4-15MHz-QPSK-20025-75RB#0-13.444



Band4-15MHz-QPSK-20175-75RB#0-13.454



Band4-15MHz-QPSK-20325-75RB#0-13.458



Band4-15MHz-16QAM-20025-75RB#0-13.429



Band4-15MHz-16QAM-20175-75RB#0-13.437



Band4-15MHz-16QAM-20325-75RB#0-13.451



Band4-20MHz-QPSK-20050-100RB#0-17.886



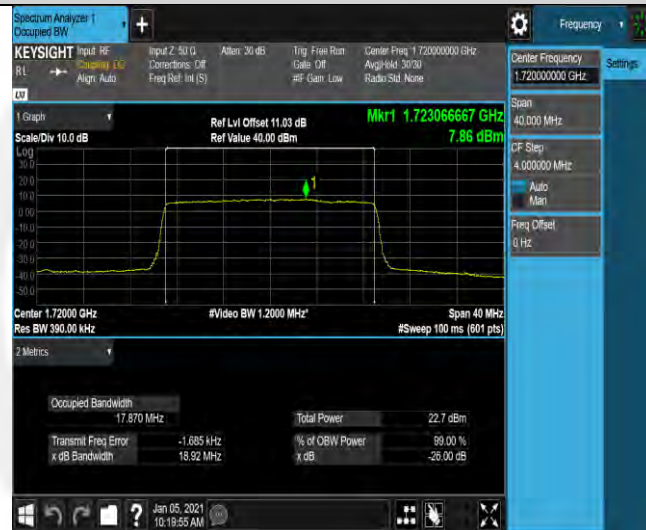
Band4-20MHz-QPSK-20175-100RB#0-17.926



Band4-20MHz-QPSK-20300-100RB#0-17.963



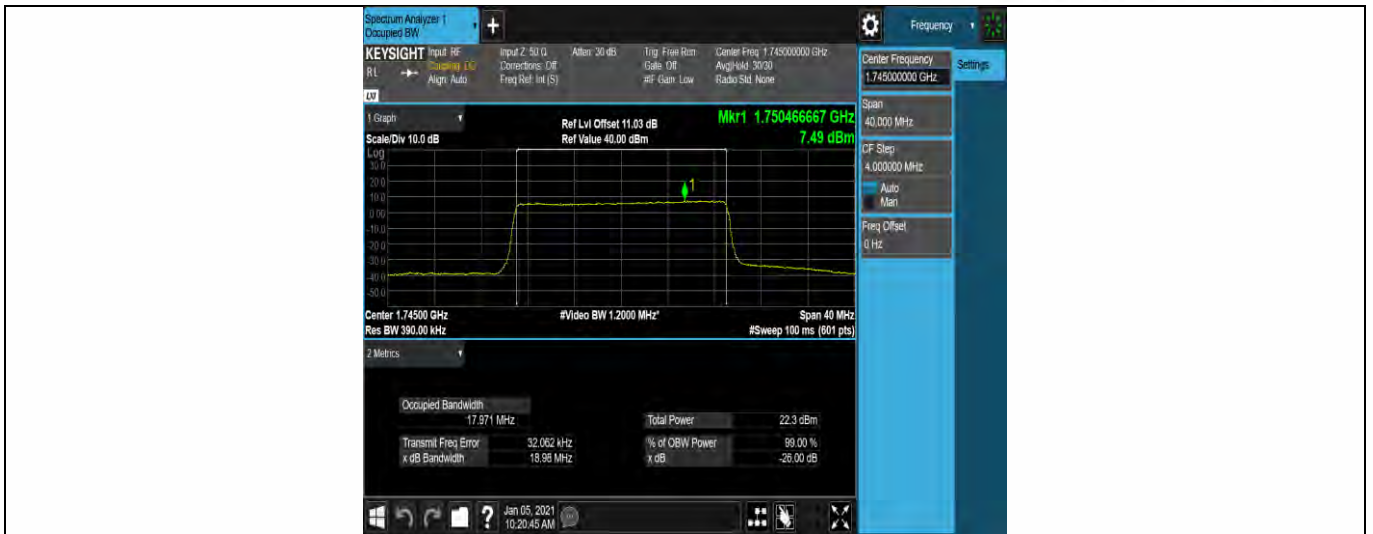
Band4-20MHz-16QAM-20050-100RB#0-17.870



Band4-20MHz-16QAM-20175-100RB#0-17.910



Band4-20MHz-16QAM-20300-100RB#0-17.971



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	PASS
Band4	3MHz	QPSK	19965	1RB#0	PASS
Band4	3MHz	QPSK	19965	1RB#14	PASS
Band4	3MHz	QPSK	19965	15RB#0	PASS
Band4	3MHz	QPSK	20385	1RB#0	PASS
Band4	3MHz	QPSK	20385	1RB#14	PASS
Band4	3MHz	QPSK	20385	15RB#0	PASS
Band4	3MHz	16QAM	19965	1RB#0	PASS
Band4	3MHz	16QAM	19965	1RB#14	PASS
Band4	3MHz	16QAM	19965	15RB#0	PASS
Band4	3MHz	16QAM	20385	1RB#0	PASS
Band4	3MHz	16QAM	20385	1RB#14	PASS
Band4	3MHz	16QAM	20385	15RB#0	PASS
Band4	5MHz	QPSK	19975	1RB#0	PASS
Band4	5MHz	QPSK	19975	1RB#24	PASS
Band4	5MHz	QPSK	19975	25RB#0	PASS
Band4	5MHz	QPSK	20375	1RB#0	PASS
Band4	5MHz	QPSK	20375	1RB#24	PASS
Band4	5MHz	QPSK	20375	25RB#0	PASS
Band4	5MHz	16QAM	19975	1RB#0	PASS
Band4	5MHz	16QAM	19975	1RB#24	PASS
Band4	5MHz	16QAM	19975	25RB#0	PASS

Band4	5MHz	16QAM	20375	1RB#0	PASS
Band4	5MHz	16QAM	20375	1RB#24	PASS
Band4	5MHz	16QAM	20375	25RB#0	PASS
Band4	10MHz	QPSK	20000	1RB#0	PASS
Band4	10MHz	QPSK	20000	1RB#49	PASS
Band4	10MHz	QPSK	20000	50RB#0	PASS
Band4	10MHz	QPSK	20350	1RB#0	PASS
Band4	10MHz	QPSK	20350	1RB#49	PASS
Band4	10MHz	QPSK	20350	50RB#0	PASS
Band4	10MHz	16QAM	20000	1RB#0	PASS
Band4	10MHz	16QAM	20000	1RB#49	PASS
Band4	10MHz	16QAM	20000	50RB#0	PASS
Band4	10MHz	16QAM	20350	1RB#0	PASS
Band4	10MHz	16QAM	20350	1RB#49	PASS
Band4	10MHz	16QAM	20350	50RB#0	PASS
Band4	15MHz	QPSK	20025	1RB#0	PASS
Band4	15MHz	QPSK	20025	1RB#74	PASS
Band4	15MHz	QPSK	20025	75RB#0	PASS
Band4	15MHz	QPSK	20325	1RB#0	PASS
Band4	15MHz	QPSK	20325	1RB#74	PASS
Band4	15MHz	QPSK	20325	75RB#0	PASS
Band4	15MHz	16QAM	20025	1RB#0	PASS
Band4	15MHz	16QAM	20025	1RB#74	PASS
Band4	15MHz	16QAM	20025	75RB#0	PASS
Band4	15MHz	16QAM	20325	1RB#0	PASS
Band4	15MHz	16QAM	20325	1RB#74	PASS
Band4	15MHz	16QAM	20325	75RB#0	PASS
Band4	20MHz	QPSK	20050	1RB#0	PASS
Band4	20MHz	QPSK	20050	1RB#99	PASS
Band4	20MHz	QPSK	20050	100RB#0	PASS
Band4	20MHz	QPSK	20300	1RB#0	PASS
Band4	20MHz	QPSK	20300	1RB#99	PASS
Band4	20MHz	QPSK	20300	100RB#0	PASS
Band4	20MHz	16QAM	20050	1RB#0	PASS
Band4	20MHz	16QAM	20050	1RB#99	PASS
Band4	20MHz	16QAM	20050	100RB#0	PASS
Band4	20MHz	16QAM	20300	1RB#0	PASS

Band4	20MHz	16QAM	20300	1RB#99	PASS
Band4	20MHz	16QAM	20300	100RB#0	PASS



Test Graphs

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



Band4-1.4MHz-QPSK-19957-1RB#5



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



Band4-1.4MHz-QPSK-20393-1RB#0



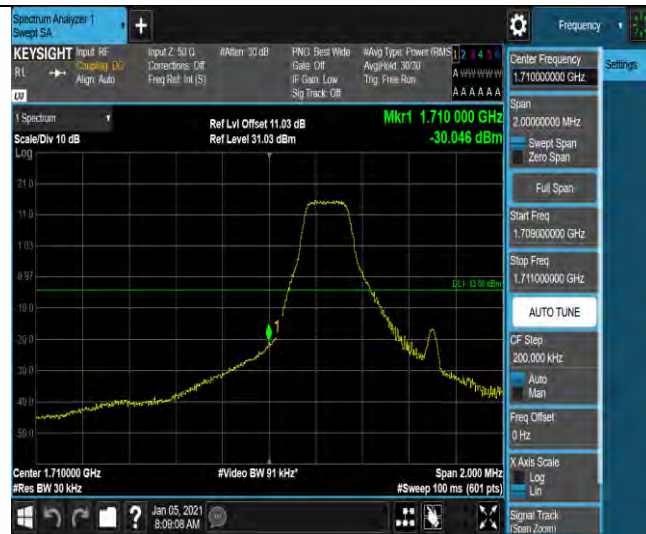
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Band4-1.4MHz-16QAM-19957-1RB#0



Band4-1.4MHz-16QAM-19957-1RB#5



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



Band4-1.4MHz-16QAM-20393-1RB#0



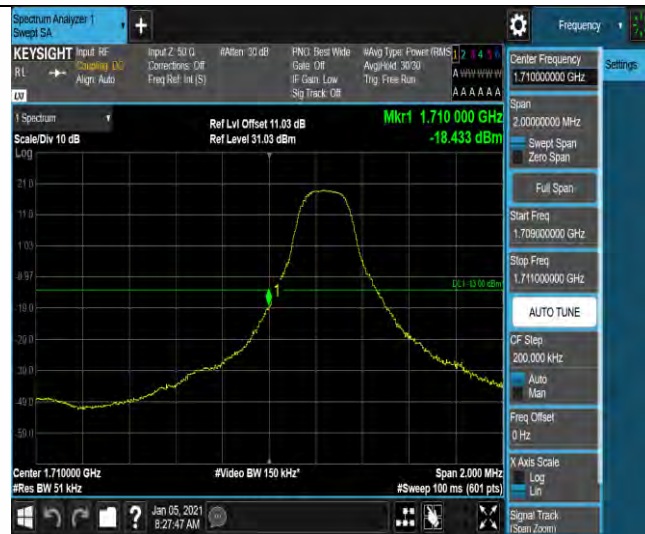
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Band4-1.4MHz-16QAM-20393-6RB#0



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



Band4-3MHz-QPSK-19965-1RB#14



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



Band4-3MHz-QPSK-20385-1RB#0



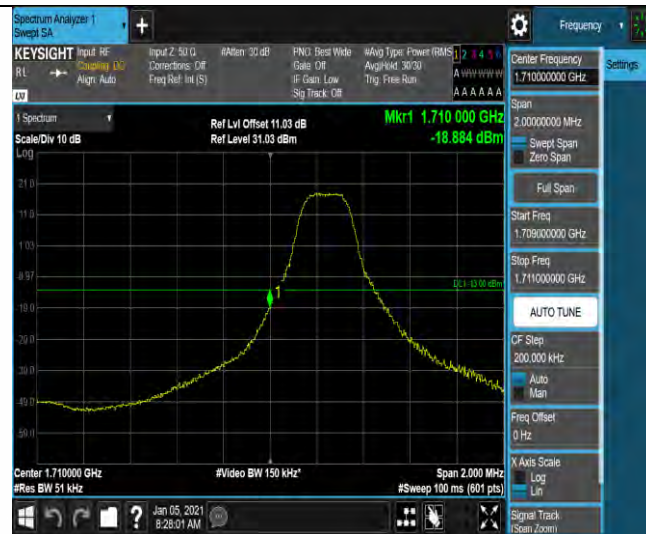
Band4-3MHz-QPSK-20385-1RB#14



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



Band4-3MHz-16QAM-19965-1RB#0



Band4-3MHz-16QAM-19965-1RB#14



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



Band4-3MHz-16QAM-20385-1RB#0