

APPENDIX REPORT

Project No.	SHT2304055301EW	Radio Specification	LTE Cat M
Test sample No.	YPHT23040553008	Model No.	AES-U212
Start test date	2023-06-02	Finish date	2023-06-28
Temperature	25.3C°	Humidity	56%
Test Engineer	Xiaodong Zhao	Auditor	Hemshu

Appendix clause	Test item	Result
A	Conducted Output Power	PASS
B	Peak-to-Average Ratio	PASS
C	26 dB Bandwidth and Occupied Bandwidth	PASS
D	Band edge	PASS
E	Conducted Spurious Emission	PASS
F	Frequency Stability	PASS
G	ERP and EIRP	PASS

8.1 Appendix A: Conducted Output Power

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1	0	21.77	PASS
Band12	1.4MHz	QPSK	23017	1	5	21.77	PASS
Band12	1.4MHz	QPSK	23017	6	0	21.32	PASS
Band12	1.4MHz	QPSK	23095	1	0	22.04	PASS
Band12	1.4MHz	QPSK	23095	1	5	22.04	PASS
Band12	1.4MHz	QPSK	23095	6	0	21.59	PASS
Band12	1.4MHz	QPSK	23173	1	0	21.95	PASS
Band12	1.4MHz	QPSK	23173	1	5	21.95	PASS
Band12	1.4MHz	QPSK	23173	6	0	21.49	PASS
Band12	1.4MHz	16QAM	23017	1	0	20.68	PASS
Band12	1.4MHz	16QAM	23017	1	5	20.58	PASS
Band12	1.4MHz	16QAM	23017	6	0	19.77	PASS
Band12	1.4MHz	16QAM	23095	1	0	20.94	PASS
Band12	1.4MHz	16QAM	23095	1	5	20.84	PASS
Band12	1.4MHz	16QAM	23095	6	0	20.02	PASS
Band12	1.4MHz	16QAM	23173	1	0	20.85	PASS
Band12	1.4MHz	16QAM	23173	1	5	20.75	PASS
Band12	1.4MHz	16QAM	23173	6	0	19.93	PASS
Band12	3MHz	QPSK	23025	1	0	21.99	PASS
Band12	3MHz	QPSK	23025	1	5	21.95	PASS
Band12	3MHz	QPSK	23025	6	0	19.71	PASS
Band12	3MHz	QPSK	23095	1	0	22.26	PASS
Band12	3MHz	QPSK	23095	1	5	22.22	PASS
Band12	3MHz	QPSK	23095	6	0	19.95	PASS
Band12	3MHz	QPSK	23165	1	0	22.17	PASS
Band12	3MHz	QPSK	23165	1	5	22.13	PASS
Band12	3MHz	QPSK	23165	6	0	19.87	PASS
Band12	3MHz	16QAM	23025	1	0	20.88	PASS
Band12	3MHz	16QAM	23025	1	5	20.77	PASS
Band12	3MHz	16QAM	23025	6	0	19.71	PASS
Band12	3MHz	16QAM	23095	1	0	21.14	PASS
Band12	3MHz	16QAM	23095	1	5	21.03	PASS
Band12	3MHz	16QAM	23095	6	0	19.95	PASS
Band12	3MHz	16QAM	23165	1	0	21.05	PASS
Band12	3MHz	16QAM	23165	1	5	20.94	PASS
Band12	3MHz	16QAM	23165	6	0	19.87	PASS
Band12	5MHz	QPSK	23035	1	0	21.32	PASS
Band12	5MHz	QPSK	23035	1	5	21.35	PASS
Band12	5MHz	QPSK	23035	6	0	20.87	PASS

Band12	5MHz	QPSK	23095	1	0	21.59	PASS
Band12	5MHz	QPSK	23095	1	5	21.62	PASS
Band12	5MHz	QPSK	23095	6	0	21.13	PASS
Band12	5MHz	QPSK	23155	1	0	21.49	PASS
Band12	5MHz	QPSK	23155	1	5	21.52	PASS
Band12	5MHz	QPSK	23155	6	0	21.04	PASS
Band12	5MHz	16QAM	23035	1	0	20.94	PASS
Band12	5MHz	16QAM	23035	1	5	20.69	PASS
Band12	5MHz	16QAM	23035	6	0	20.44	PASS
Band12	5MHz	16QAM	23095	1	0	21.20	PASS
Band12	5MHz	16QAM	23095	1	5	20.95	PASS
Band12	5MHz	16QAM	23095	6	0	20.69	PASS
Band12	5MHz	16QAM	23155	1	0	21.11	PASS
Band12	5MHz	16QAM	23155	1	5	20.86	PASS
Band12	5MHz	16QAM	23155	6	0	20.61	PASS
Band12	10MHz	QPSK	23060	1	0	21.59	PASS
Band12	10MHz	QPSK	23060	1	5	21.81	PASS
Band12	10MHz	QPSK	23060	6	0	21.56	PASS
Band12	10MHz	QPSK	23095	1	0	21.86	PASS
Band12	10MHz	QPSK	23095	1	5	22.08	PASS
Band12	10MHz	QPSK	23095	6	0	21.83	PASS
Band12	10MHz	QPSK	23130	1	0	21.77	PASS
Band12	10MHz	QPSK	23130	1	5	21.99	PASS
Band12	10MHz	QPSK	23130	6	0	21.74	PASS
Band12	10MHz	16QAM	23060	1	0	20.92	PASS
Band12	10MHz	16QAM	23060	1	5	20.97	PASS
Band12	10MHz	16QAM	23060	6	0	20.44	PASS
Band12	10MHz	16QAM	23095	1	0	21.18	PASS
Band12	10MHz	16QAM	23095	1	5	21.23	PASS
Band12	10MHz	16QAM	23095	6	0	20.69	PASS
Band12	10MHz	16QAM	23130	1	0	21.09	PASS
Band12	10MHz	16QAM	23130	1	5	21.14	PASS
Band12	10MHz	16QAM	23130	6	0	20.61	PASS
Band13	5MHz	QPSK	23205	1	0	21.97	PASS
Band13	5MHz	QPSK	23205	1	5	21.62	PASS
Band13	5MHz	QPSK	23205	6	0	20.47	PASS
Band13	5MHz	QPSK	23230	1	0	21.78	PASS
Band13	5MHz	QPSK	23230	1	5	21.65	PASS
Band13	5MHz	QPSK	23230	6	0	20.26	PASS
Band13	5MHz	QPSK	23255	1	0	21.67	PASS
Band13	5MHz	QPSK	23255	1	5	21.50	PASS
Band13	5MHz	QPSK	23255	6	0	20.17	PASS
Band13	5MHz	16QAM	23205	1	0	21.79	PASS
Band13	5MHz	16QAM	23205	1	5	21.77	PASS
Band13	5MHz	16QAM	23205	6	0	20.39	PASS

Band13	5MHz	16QAM	23230	1	0	22.02	PASS
Band13	5MHz	16QAM	23230	1	5	21.80	PASS
Band13	5MHz	16QAM	23230	6	0	20.26	PASS
Band13	5MHz	16QAM	23255	1	0	21.05	PASS
Band13	5MHz	16QAM	23255	1	5	21.21	PASS
Band13	5MHz	16QAM	23255	6	0	20.17	PASS
Band13	10MHz	QPSK	23230	1	0	22.04	PASS
Band13	10MHz	QPSK	23230	1	5	21.68	PASS
Band13	10MHz	QPSK	23230	6	0	20.38	PASS
Band13	10MHz	16QAM	23230	1	0	21.95	PASS
Band13	10MHz	16QAM	23230	1	5	21.90	PASS
Band13	10MHz	16QAM	23230	6	0	20.31	PASS
Band2	1.4MHz	QPSK	18607	1	0	22.08	PASS
Band2	1.4MHz	QPSK	18607	1	5	22.01	PASS
Band2	1.4MHz	QPSK	18607	6	0	19.82	PASS
Band2	1.4MHz	QPSK	18900	1	0	22.18	PASS
Band2	1.4MHz	QPSK	18900	1	5	22.08	PASS
Band2	1.4MHz	QPSK	18900	6	0	19.92	PASS
Band2	1.4MHz	QPSK	19193	1	0	22.06	PASS
Band2	1.4MHz	QPSK	19193	1	5	21.88	PASS
Band2	1.4MHz	QPSK	19193	6	0	19.78	PASS
Band2	1.4MHz	16QAM	18607	1	0	21.03	PASS
Band2	1.4MHz	16QAM	18607	1	5	20.91	PASS
Band2	1.4MHz	16QAM	18607	6	0	19.89	PASS
Band2	1.4MHz	16QAM	18900	1	0	21.16	PASS
Band2	1.4MHz	16QAM	18900	1	5	20.95	PASS
Band2	1.4MHz	16QAM	18900	6	0	19.92	PASS
Band2	1.4MHz	16QAM	19193	1	0	20.96	PASS
Band2	1.4MHz	16QAM	19193	1	5	20.93	PASS
Band2	1.4MHz	16QAM	19193	6	0	19.78	PASS
Band2	3MHz	QPSK	18615	1	0	22.08	PASS
Band2	3MHz	QPSK	18615	1	5	21.82	PASS
Band2	3MHz	QPSK	18615	6	0	19.83	PASS
Band2	3MHz	QPSK	18900	1	0	22.22	PASS
Band2	3MHz	QPSK	18900	1	5	22.08	PASS
Band2	3MHz	QPSK	18900	6	0	19.97	PASS
Band2	3MHz	QPSK	19185	1	0	22.10	PASS
Band2	3MHz	QPSK	19185	1	5	21.99	PASS
Band2	3MHz	QPSK	19185	6	0	19.84	PASS
Band2	3MHz	16QAM	18615	1	0	21.13	PASS
Band2	3MHz	16QAM	18615	1	5	21.09	PASS
Band2	3MHz	16QAM	18615	6	0	19.91	PASS
Band2	3MHz	16QAM	18900	1	0	21.21	PASS
Band2	3MHz	16QAM	18900	1	5	21.07	PASS
Band2	3MHz	16QAM	18900	6	0	19.96	PASS

Band2	3MHz	16QAM	19185	1	0	21.20	PASS
Band2	3MHz	16QAM	19185	1	5	21.06	PASS
Band2	3MHz	16QAM	19185	6	0	19.83	PASS
Band2	5MHz	QPSK	18625	1	0	22.22	PASS
Band2	5MHz	QPSK	18625	1	5	22.25	PASS
Band2	5MHz	QPSK	18625	6	0	20.96	PASS
Band2	5MHz	QPSK	18900	1	0	22.25	PASS
Band2	5MHz	QPSK	18900	1	5	22.17	PASS
Band2	5MHz	QPSK	18900	6	0	21.09	PASS
Band2	5MHz	QPSK	19175	1	0	22.49	PASS
Band2	5MHz	QPSK	19175	1	5	22.26	PASS
Band2	5MHz	QPSK	19175	6	0	20.98	PASS
Band2	5MHz	16QAM	18625	1	0	22.35	PASS
Band2	5MHz	16QAM	18625	1	5	22.21	PASS
Band2	5MHz	16QAM	18625	6	0	21.06	PASS
Band2	5MHz	16QAM	18900	1	0	22.50	PASS
Band2	5MHz	16QAM	18900	1	5	22.42	PASS
Band2	5MHz	16QAM	18900	6	0	21.08	PASS
Band2	5MHz	16QAM	19175	1	0	22.58	PASS
Band2	5MHz	16QAM	19175	1	5	22.31	PASS
Band2	5MHz	16QAM	19175	6	0	20.98	PASS
Band2	10MHz	QPSK	18650	1	0	22.18	PASS
Band2	10MHz	QPSK	18650	1	5	22.07	PASS
Band2	10MHz	QPSK	18650	6	0	20.83	PASS
Band2	10MHz	QPSK	18900	1	0	22.22	PASS
Band2	10MHz	QPSK	18900	1	5	22.14	PASS
Band2	10MHz	QPSK	18900	6	0	20.92	PASS
Band2	10MHz	QPSK	19150	1	0	22.23	PASS
Band2	10MHz	QPSK	19150	1	5	22.21	PASS
Band2	10MHz	QPSK	19150	6	0	20.85	PASS
Band2	10MHz	16QAM	18650	1	0	22.22	PASS
Band2	10MHz	16QAM	18650	1	5	22.22	PASS
Band2	10MHz	16QAM	18650	6	0	20.71	PASS
Band2	10MHz	16QAM	18900	1	0	22.34	PASS
Band2	10MHz	16QAM	18900	1	5	22.13	PASS
Band2	10MHz	16QAM	18900	6	0	20.76	PASS
Band2	10MHz	16QAM	19150	1	0	22.25	PASS
Band2	10MHz	16QAM	19150	1	5	21.81	PASS
Band2	10MHz	16QAM	19150	6	0	20.85	PASS
Band2	15MHz	QPSK	18675	1	0	21.97	PASS
Band2	15MHz	QPSK	18675	1	5	22.18	PASS
Band2	15MHz	QPSK	18675	6	0	22.08	PASS
Band2	15MHz	QPSK	18900	1	0	22.14	PASS
Band2	15MHz	QPSK	18900	1	5	22.15	PASS
Band2	15MHz	QPSK	18900	6	0	22.07	PASS

Band2	15MHz	QPSK	19125	1	0	22.30	PASS
Band2	15MHz	QPSK	19125	1	5	22.23	PASS
Band2	15MHz	QPSK	19125	6	0	21.97	PASS
Band2	15MHz	16QAM	18675	1	0	22.27	PASS
Band2	15MHz	16QAM	18675	1	5	22.25	PASS
Band2	15MHz	16QAM	18675	6	0	21.96	PASS
Band2	15MHz	16QAM	18900	1	0	22.38	PASS
Band2	15MHz	16QAM	18900	1	5	22.37	PASS
Band2	15MHz	16QAM	18900	6	0	22.05	PASS
Band2	15MHz	16QAM	19125	1	0	22.15	PASS
Band2	15MHz	16QAM	19125	1	5	22.16	PASS
Band2	15MHz	16QAM	19125	6	0	21.93	PASS
Band2	20MHz	QPSK	18700	1	0	22.14	PASS
Band2	20MHz	QPSK	18700	1	5	22.07	PASS
Band2	20MHz	QPSK	18700	6	0	21.97	PASS
Band2	20MHz	QPSK	18900	1	0	22.13	PASS
Band2	20MHz	QPSK	18900	1	5	22.08	PASS
Band2	20MHz	QPSK	18900	6	0	21.97	PASS
Band2	20MHz	QPSK	19100	1	0	22.28	PASS
Band2	20MHz	QPSK	19100	1	5	22.08	PASS
Band2	20MHz	QPSK	19100	6	0	21.95	PASS
Band2	20MHz	16QAM	18700	1	0	22.17	PASS
Band2	20MHz	16QAM	18700	1	5	22.15	PASS
Band2	20MHz	16QAM	18700	6	0	21.95	PASS
Band2	20MHz	16QAM	18900	1	0	22.11	PASS
Band2	20MHz	16QAM	18900	1	5	22.27	PASS
Band2	20MHz	16QAM	18900	6	0	21.95	PASS
Band2	20MHz	16QAM	19100	1	0	22.19	PASS
Band2	20MHz	16QAM	19100	1	5	22.12	PASS
Band2	20MHz	16QAM	19100	6	0	21.91	PASS
Band4	1.4MHz	QPSK	19957	1	0	21.90	PASS
Band4	1.4MHz	QPSK	19957	1	5	21.95	PASS
Band4	1.4MHz	QPSK	19957	6	0	19.89	PASS
Band4	1.4MHz	QPSK	20175	1	0	21.98	PASS
Band4	1.4MHz	QPSK	20175	1	5	21.98	PASS
Band4	1.4MHz	QPSK	20175	6	0	19.84	PASS
Band4	1.4MHz	QPSK	20393	1	0	22.05	PASS
Band4	1.4MHz	QPSK	20393	1	5	22.05	PASS
Band4	1.4MHz	QPSK	20393	6	0	19.91	PASS
Band4	1.4MHz	16QAM	19957	1	0	20.81	PASS
Band4	1.4MHz	16QAM	19957	1	5	20.78	PASS
Band4	1.4MHz	16QAM	19957	6	0	19.89	PASS
Band4	1.4MHz	16QAM	20175	1	0	21.21	PASS
Band4	1.4MHz	16QAM	20175	1	5	21.02	PASS
Band4	1.4MHz	16QAM	20175	6	0	19.79	PASS

Band4	1.4MHz	16QAM	20393	1	0	21.13	PASS
Band4	1.4MHz	16QAM	20393	1	5	21.05	PASS
Band4	1.4MHz	16QAM	20393	6	0	20.01	PASS
Band4	3MHz	QPSK	19965	1	0	20.74	PASS
Band4	3MHz	QPSK	19965	1	5	20.65	PASS
Band4	3MHz	QPSK	19965	6	0	18.52	PASS
Band4	3MHz	QPSK	20175	1	0	20.81	PASS
Band4	3MHz	QPSK	20175	1	5	20.66	PASS
Band4	3MHz	QPSK	20175	6	0	18.63	PASS
Band4	3MHz	QPSK	20385	1	0	20.94	PASS
Band4	3MHz	QPSK	20385	1	5	20.73	PASS
Band4	3MHz	QPSK	20385	6	0	18.83	PASS
Band4	3MHz	16QAM	19965	1	0	19.65	PASS
Band4	3MHz	16QAM	19965	1	5	19.60	PASS
Band4	3MHz	16QAM	19965	6	0	18.43	PASS
Band4	3MHz	16QAM	20175	1	0	19.84	PASS
Band4	3MHz	16QAM	20175	1	5	19.77	PASS
Band4	3MHz	16QAM	20175	6	0	18.57	PASS
Band4	3MHz	16QAM	20385	1	0	19.96	PASS
Band4	3MHz	16QAM	20385	1	5	19.79	PASS
Band4	3MHz	16QAM	20385	6	0	18.75	PASS
Band4	5MHz	QPSK	19975	1	0	20.77	PASS
Band4	5MHz	QPSK	19975	1	5	20.80	PASS
Band4	5MHz	QPSK	19975	6	0	19.61	PASS
Band4	5MHz	QPSK	20175	1	0	20.80	PASS
Band4	5MHz	QPSK	20175	1	5	20.93	PASS
Band4	5MHz	QPSK	20175	6	0	19.51	PASS
Band4	5MHz	QPSK	20375	1	0	21.04	PASS
Band4	5MHz	QPSK	20375	1	5	21.09	PASS
Band4	5MHz	QPSK	20375	6	0	19.77	PASS
Band4	5MHz	16QAM	19975	1	0	20.94	PASS
Band4	5MHz	16QAM	19975	1	5	20.85	PASS
Band4	5MHz	16QAM	19975	6	0	19.61	PASS
Band4	5MHz	16QAM	20175	1	0	21.03	PASS
Band4	5MHz	16QAM	20175	1	5	20.92	PASS
Band4	5MHz	16QAM	20175	6	0	19.51	PASS
Band4	5MHz	16QAM	20375	1	0	21.45	PASS
Band4	5MHz	16QAM	20375	1	5	21.32	PASS
Band4	5MHz	16QAM	20375	6	0	19.69	PASS
Band4	10MHz	QPSK	20000	1	0	20.75	PASS
Band4	10MHz	QPSK	20000	1	5	20.72	PASS
Band4	10MHz	QPSK	20000	6	0	19.42	PASS
Band4	10MHz	QPSK	20175	1	0	20.98	PASS
Band4	10MHz	QPSK	20175	1	5	20.82	PASS
Band4	10MHz	QPSK	20175	6	0	19.48	PASS

Band4	10MHz	QPSK	20350	1	0	21.03	PASS
Band4	10MHz	QPSK	20350	1	5	21.16	PASS
Band4	10MHz	QPSK	20350	6	0	19.62	PASS
Band4	10MHz	16QAM	20000	1	0	20.83	PASS
Band4	10MHz	16QAM	20000	1	5	20.79	PASS
Band4	10MHz	16QAM	20000	6	0	19.51	PASS
Band4	10MHz	16QAM	20175	1	0	20.86	PASS
Band4	10MHz	16QAM	20175	1	5	20.93	PASS
Band4	10MHz	16QAM	20175	6	0	19.48	PASS
Band4	10MHz	16QAM	20350	1	0	21.28	PASS
Band4	10MHz	16QAM	20350	1	5	21.21	PASS
Band4	10MHz	16QAM	20350	6	0	19.54	PASS
Band4	15MHz	QPSK	20025	1	0	20.85	PASS
Band4	15MHz	QPSK	20025	1	5	20.74	PASS
Band4	15MHz	QPSK	20025	6	0	20.45	PASS
Band4	15MHz	QPSK	20175	1	0	20.93	PASS
Band4	15MHz	QPSK	20175	1	5	20.84	PASS
Band4	15MHz	QPSK	20175	6	0	20.56	PASS
Band4	15MHz	QPSK	20325	1	0	20.97	PASS
Band4	15MHz	QPSK	20325	1	5	21.07	PASS
Band4	15MHz	QPSK	20325	6	0	20.70	PASS
Band4	15MHz	16QAM	20025	1	0	20.86	PASS
Band4	15MHz	16QAM	20025	1	5	20.74	PASS
Band4	15MHz	16QAM	20025	6	0	20.56	PASS
Band4	15MHz	16QAM	20175	1	0	21.00	PASS
Band4	15MHz	16QAM	20175	1	5	20.95	PASS
Band4	15MHz	16QAM	20175	6	0	20.56	PASS
Band4	15MHz	16QAM	20325	1	0	21.51	PASS
Band4	15MHz	16QAM	20325	1	5	21.26	PASS
Band4	15MHz	16QAM	20325	6	0	20.70	PASS
Band4	20MHz	QPSK	20050	1	0	20.84	PASS
Band4	20MHz	QPSK	20050	1	5	20.72	PASS
Band4	20MHz	QPSK	20050	6	0	20.45	PASS
Band4	20MHz	QPSK	20175	1	0	20.81	PASS
Band4	20MHz	QPSK	20175	1	5	20.91	PASS
Band4	20MHz	QPSK	20175	6	0	20.52	PASS
Band4	20MHz	QPSK	20300	1	0	20.90	PASS
Band4	20MHz	QPSK	20300	1	5	21.04	PASS
Band4	20MHz	QPSK	20300	6	0	20.66	PASS
Band4	20MHz	16QAM	20050	1	0	21.02	PASS
Band4	20MHz	16QAM	20050	1	5	20.62	PASS
Band4	20MHz	16QAM	20050	6	0	20.54	PASS
Band4	20MHz	16QAM	20175	1	0	21.04	PASS
Band4	20MHz	16QAM	20175	1	5	20.94	PASS
Band4	20MHz	16QAM	20175	6	0	20.63	PASS

Band4	20MHz	16QAM	20300	1	0	21.33	PASS
Band4	20MHz	16QAM	20300	1	5	21.21	PASS
Band4	20MHz	16QAM	20300	6	0	20.66	PASS
Band5	1.4MHz	QPSK	20407	1	0	21.91	PASS
Band5	1.4MHz	QPSK	20407	1	5	21.81	PASS
Band5	1.4MHz	QPSK	20407	6	0	19.47	PASS
Band5	1.4MHz	QPSK	20525	1	0	21.80	PASS
Band5	1.4MHz	QPSK	20525	1	5	21.56	PASS
Band5	1.4MHz	QPSK	20525	6	0	19.42	PASS
Band5	1.4MHz	QPSK	20643	1	0	21.40	PASS
Band5	1.4MHz	QPSK	20643	1	5	21.25	PASS
Band5	1.4MHz	QPSK	20643	6	0	19.52	PASS
Band5	1.4MHz	16QAM	20407	1	0	20.66	PASS
Band5	1.4MHz	16QAM	20407	1	5	20.52	PASS
Band5	1.4MHz	16QAM	20407	6	0	19.46	PASS
Band5	1.4MHz	16QAM	20525	1	0	20.68	PASS
Band5	1.4MHz	16QAM	20525	1	5	20.69	PASS
Band5	1.4MHz	16QAM	20525	6	0	19.42	PASS
Band5	1.4MHz	16QAM	20643	1	0	20.84	PASS
Band5	1.4MHz	16QAM	20643	1	5	21.01	PASS
Band5	1.4MHz	16QAM	20643	6	0	19.51	PASS
Band5	3MHz	QPSK	20415	1	0	21.97	PASS
Band5	3MHz	QPSK	20415	1	5	21.91	PASS
Band5	3MHz	QPSK	20415	6	0	19.43	PASS
Band5	3MHz	QPSK	20525	1	0	21.79	PASS
Band5	3MHz	QPSK	20525	1	5	21.69	PASS
Band5	3MHz	QPSK	20525	6	0	19.42	PASS
Band5	3MHz	QPSK	20635	1	0	21.33	PASS
Band5	3MHz	QPSK	20635	1	5	21.33	PASS
Band5	3MHz	QPSK	20635	6	0	19.58	PASS
Band5	3MHz	16QAM	20415	1	0	20.53	PASS
Band5	3MHz	16QAM	20415	1	5	20.49	PASS
Band5	3MHz	16QAM	20415	6	0	19.43	PASS
Band5	3MHz	16QAM	20525	1	0	20.57	PASS
Band5	3MHz	16QAM	20525	1	5	20.49	PASS
Band5	3MHz	16QAM	20525	6	0	19.42	PASS
Band5	3MHz	16QAM	20635	1	0	20.81	PASS
Band5	3MHz	16QAM	20635	1	5	20.48	PASS
Band5	3MHz	16QAM	20635	6	0	19.45	PASS
Band5	5MHz	QPSK	20425	1	0	21.60	PASS
Band5	5MHz	QPSK	20425	1	5	21.44	PASS
Band5	5MHz	QPSK	20425	6	0	20.12	PASS
Band5	5MHz	QPSK	20525	1	0	21.40	PASS
Band5	5MHz	QPSK	20525	1	5	21.49	PASS
Band5	5MHz	QPSK	20525	6	0	20.11	PASS

Band5	5MHz	QPSK	20625	1	0	21.55	PASS
Band5	5MHz	QPSK	20625	1	5	21.27	PASS
Band5	5MHz	QPSK	20625	6	0	20.25	PASS
Band5	5MHz	16QAM	20425	1	0	21.34	PASS
Band5	5MHz	16QAM	20425	1	5	21.45	PASS
Band5	5MHz	16QAM	20425	6	0	20.10	PASS
Band5	5MHz	16QAM	20525	1	0	21.70	PASS
Band5	5MHz	16QAM	20525	1	5	21.44	PASS
Band5	5MHz	16QAM	20525	6	0	20.10	PASS
Band5	5MHz	16QAM	20625	1	0	21.80	PASS
Band5	5MHz	16QAM	20625	1	5	21.71	PASS
Band5	5MHz	16QAM	20625	6	0	20.25	PASS
Band5	10MHz	QPSK	20450	1	0	21.85	PASS
Band5	10MHz	QPSK	20450	1	5	21.62	PASS
Band5	10MHz	QPSK	20450	6	0	20.18	PASS
Band5	10MHz	QPSK	20525	1	0	21.59	PASS
Band5	10MHz	QPSK	20525	1	5	21.67	PASS
Band5	10MHz	QPSK	20525	6	0	20.16	PASS
Band5	10MHz	QPSK	20600	1	0	21.52	PASS
Band5	10MHz	QPSK	20600	1	5	21.37	PASS
Band5	10MHz	QPSK	20600	6	0	20.20	PASS
Band5	10MHz	16QAM	20450	1	0	21.66	PASS
Band5	10MHz	16QAM	20450	1	5	21.69	PASS
Band5	10MHz	16QAM	20450	6	0	20.16	PASS
Band5	10MHz	16QAM	20525	1	0	21.71	PASS
Band5	10MHz	16QAM	20525	1	5	21.59	PASS
Band5	10MHz	16QAM	20525	6	0	20.16	PASS
Band5	10MHz	16QAM	20600	1	0	21.75	PASS
Band5	10MHz	16QAM	20600	1	5	21.80	PASS
Band5	10MHz	16QAM	20600	6	0	20.27	PASS

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1	0	9.24	<=13	PASS
Band12	1.4MHz	QPSK	23017	6	0	9.29	<=13	PASS
Band12	1.4MHz	QPSK	23095	1	0	11.50	<=13	PASS
Band12	1.4MHz	QPSK	23095	6	0	9.03	<=13	PASS
Band12	1.4MHz	QPSK	23173	1	0	11.59	<=13	PASS
Band12	1.4MHz	QPSK	23173	6	0	9.20	<=13	PASS
Band12	1.4MHz	16QAM	23017	1	0	9.41	<=13	PASS
Band12	1.4MHz	16QAM	23017	6	0	8.73	<=13	PASS
Band12	1.4MHz	16QAM	23095	1	0	8.70	<=13	PASS
Band12	1.4MHz	16QAM	23095	6	0	8.80	<=13	PASS
Band12	1.4MHz	16QAM	23173	1	0	9.14	<=13	PASS
Band12	1.4MHz	16QAM	23173	6	0	9.87	<=13	PASS
Band12	3MHz	QPSK	23025	1	0	8.43	<=13	PASS
Band12	3MHz	QPSK	23025	6	0	9.54	<=13	PASS
Band12	3MHz	QPSK	23095	1	0	9.79	<=13	PASS
Band12	3MHz	QPSK	23095	6	0	9.24	<=13	PASS
Band12	3MHz	QPSK	23165	1	0	9.39	<=13	PASS
Band12	3MHz	QPSK	23165	6	0	9.72	<=13	PASS
Band12	3MHz	16QAM	23025	1	0	9.88	<=13	PASS
Band12	3MHz	16QAM	23025	6	0	10.91	<=13	PASS
Band12	3MHz	16QAM	23095	1	0	9.55	<=13	PASS
Band12	3MHz	16QAM	23095	6	0	11.49	<=13	PASS
Band12	3MHz	16QAM	23165	1	0	9.66	<=13	PASS
Band12	3MHz	16QAM	23165	6	0	9.71	<=13	PASS
Band12	5MHz	QPSK	23035	1	0	9.09	<=13	PASS
Band12	5MHz	QPSK	23035	6	0	10.84	<=13	PASS
Band12	5MHz	QPSK	23095	1	0	8.71	<=13	PASS
Band12	5MHz	QPSK	23095	6	0	7.80	<=13	PASS
Band12	5MHz	QPSK	23155	1	0	9.34	<=13	PASS
Band12	5MHz	QPSK	23155	6	0	8.91	<=13	PASS
Band12	5MHz	16QAM	23035	1	0	9.67	<=13	PASS
Band12	5MHz	16QAM	23035	6	0	9.15	<=13	PASS
Band12	5MHz	16QAM	23095	1	0	9.10	<=13	PASS
Band12	5MHz	16QAM	23095	6	0	8.56	<=13	PASS
Band12	5MHz	16QAM	23155	1	0	9.34	<=13	PASS
Band12	5MHz	16QAM	23155	6	0	11.74	<=13	PASS
Band12	10MHz	QPSK	23060	1	0	8.92	<=13	PASS
Band12	10MHz	QPSK	23060	6	0	10.68	<=13	PASS
Band12	10MHz	QPSK	23095	1	0	9.32	<=13	PASS

Band12	10MHz	QPSK	23095	6	0	7.94	<=13	PASS
Band12	10MHz	QPSK	23130	1	5	9.46	<=13	PASS
Band12	10MHz	QPSK	23130	6	0	9.19	<=13	PASS
Band12	10MHz	16QAM	23060	1	0	9.31	<=13	PASS
Band12	10MHz	16QAM	23060	6	0	11.74	<=13	PASS
Band12	10MHz	16QAM	23095	1	0	8.67	<=13	PASS
Band12	10MHz	16QAM	23095	6	0	9.65	<=13	PASS
Band12	10MHz	16QAM	23130	1	5	8.11	<=13	PASS
Band12	10MHz	16QAM	23130	6	0	9.64	<=13	PASS
Band13	5MHz	QPSK	23205	1	0	8.14	<=13	PASS
Band13	5MHz	QPSK	23205	6	0	10.90	<=13	PASS
Band13	5MHz	QPSK	23230	1	0	8.30	<=13	PASS
Band13	5MHz	QPSK	23230	6	0	10.61	<=13	PASS
Band13	5MHz	QPSK	23255	1	0	8.50	<=13	PASS
Band13	5MHz	QPSK	23255	6	0	10.11	<=13	PASS
Band13	5MHz	16QAM	23205	1	0	9.80	<=13	PASS
Band13	5MHz	16QAM	23205	6	0	9.06	<=13	PASS
Band13	5MHz	16QAM	23230	1	0	9.23	<=13	PASS
Band13	5MHz	16QAM	23230	6	0	8.94	<=13	PASS
Band13	5MHz	16QAM	23255	1	0	7.76	<=13	PASS
Band13	5MHz	16QAM	23255	6	0	9.08	<=13	PASS
Band13	10MHz	QPSK	23230	1	0	11.36	<=13	PASS
Band13	10MHz	QPSK	23230	6	0	9.18	<=13	PASS
Band13	10MHz	16QAM	23230	1	0	9.02	<=13	PASS
Band13	10MHz	16QAM	23230	6	0	9.22	<=13	PASS
Band2	1.4MHz	QPSK	18607	1	0	9.24	<=13	PASS
Band2	1.4MHz	QPSK	18607	6	0	9.25	<=13	PASS
Band2	1.4MHz	QPSK	18900	1	0	9.09	<=13	PASS
Band2	1.4MHz	QPSK	18900	6	0	9.57	<=13	PASS
Band2	1.4MHz	QPSK	19193	1	0	10.41	<=13	PASS
Band2	1.4MHz	QPSK	19193	6	0	9.48	<=13	PASS
Band2	1.4MHz	16QAM	18607	1	0	9.32	<=13	PASS
Band2	1.4MHz	16QAM	18607	6	0	9.06	<=13	PASS
Band2	1.4MHz	16QAM	18900	1	0	9.82	<=13	PASS
Band2	1.4MHz	16QAM	18900	6	0	9.00	<=13	PASS
Band2	1.4MHz	16QAM	19193	1	0	9.33	<=13	PASS
Band2	1.4MHz	16QAM	19193	6	0	9.29	<=13	PASS
Band2	3MHz	QPSK	18615	1	0	9.10	<=13	PASS
Band2	3MHz	QPSK	18615	6	0	10.92	<=13	PASS
Band2	3MHz	QPSK	18900	1	0	11.69	<=13	PASS
Band2	3MHz	QPSK	18900	6	0	10.26	<=13	PASS
Band2	3MHz	QPSK	19185	1	0	7.73	<=13	PASS
Band2	3MHz	QPSK	19185	6	0	9.80	<=13	PASS
Band2	3MHz	16QAM	18615	1	0	9.42	<=13	PASS
Band2	3MHz	16QAM	18615	6	0	8.21	<=13	PASS

Band2	3MHz	16QAM	18900	1	0	8.90	<=13	PASS
Band2	3MHz	16QAM	18900	6	0	9.84	<=13	PASS
Band2	3MHz	16QAM	19185	1	0	10.72	<=13	PASS
Band2	3MHz	16QAM	19185	6	0	9.16	<=13	PASS
Band2	5MHz	QPSK	18625	1	0	8.43	<=13	PASS
Band2	5MHz	QPSK	18625	6	0	8.87	<=13	PASS
Band2	5MHz	QPSK	18900	1	0	7.70	<=13	PASS
Band2	5MHz	QPSK	18900	6	0	8.79	<=13	PASS
Band2	5MHz	QPSK	19175	1	0	9.09	<=13	PASS
Band2	5MHz	QPSK	19175	6	0	9.17	<=13	PASS
Band2	5MHz	16QAM	18625	1	0	8.80	<=13	PASS
Band2	5MHz	16QAM	18625	6	0	9.00	<=13	PASS
Band2	5MHz	16QAM	18900	1	0	8.65	<=13	PASS
Band2	5MHz	16QAM	18900	6	0	11.16	<=13	PASS
Band2	5MHz	16QAM	19175	1	0	9.34	<=13	PASS
Band2	5MHz	16QAM	19175	6	0	9.80	<=13	PASS
Band2	10MHz	QPSK	18650	1	0	7.85	<=13	PASS
Band2	10MHz	QPSK	18650	6	0	9.10	<=13	PASS
Band2	10MHz	QPSK	18900	1	0	7.60	<=13	PASS
Band2	10MHz	QPSK	18900	6	0	9.03	<=13	PASS
Band2	10MHz	QPSK	19150	1	0	8.07	<=13	PASS
Band2	10MHz	QPSK	19150	6	0	9.66	<=13	PASS
Band2	10MHz	16QAM	18650	1	0	9.99	<=13	PASS
Band2	10MHz	16QAM	18650	6	0	8.54	<=13	PASS
Band2	10MHz	16QAM	18900	1	0	9.50	<=13	PASS
Band2	10MHz	16QAM	18900	6	0	11.55	<=13	PASS
Band2	10MHz	16QAM	19150	1	0	8.75	<=13	PASS
Band2	10MHz	16QAM	19150	6	0	8.16	<=13	PASS
Band2	15MHz	QPSK	18675	1	0	9.01	<=13	PASS
Band2	15MHz	QPSK	18675	6	0	9.10	<=13	PASS
Band2	15MHz	QPSK	18900	1	0	8.00	<=13	PASS
Band2	15MHz	QPSK	18900	6	0	8.03	<=13	PASS
Band2	15MHz	QPSK	19125	1	0	7.96	<=13	PASS
Band2	15MHz	QPSK	19125	6	0	9.43	<=13	PASS
Band2	15MHz	16QAM	18675	1	0	8.75	<=13	PASS
Band2	15MHz	16QAM	18675	6	0	8.62	<=13	PASS
Band2	15MHz	16QAM	18900	1	0	8.50	<=13	PASS
Band2	15MHz	16QAM	18900	6	0	8.70	<=13	PASS
Band2	15MHz	16QAM	19125	1	0	8.23	<=13	PASS
Band2	15MHz	16QAM	19125	6	0	7.29	<=13	PASS
Band2	20MHz	QPSK	18700	1	0	8.79	<=13	PASS
Band2	20MHz	QPSK	18700	6	0	9.70	<=13	PASS
Band2	20MHz	QPSK	18900	1	0	8.36	<=13	PASS
Band2	20MHz	QPSK	18900	6	0	8.87	<=13	PASS
Band2	20MHz	QPSK	19100	1	0	8.19	<=13	PASS

Band2	20MHz	QPSK	19100	6	0	8.68	<=13	PASS
Band2	20MHz	16QAM	18700	1	0	8.79	<=13	PASS
Band2	20MHz	16QAM	18700	6	0	9.10	<=13	PASS
Band2	20MHz	16QAM	18900	1	0	8.68	<=13	PASS
Band2	20MHz	16QAM	18900	6	0	7.87	<=13	PASS
Band2	20MHz	16QAM	19100	1	0	8.36	<=13	PASS
Band2	20MHz	16QAM	19100	6	0	8.76	<=13	PASS
Band4	1.4MHz	QPSK	19957	1	0	8.89	<=13	PASS
Band4	1.4MHz	QPSK	19957	6	0	9.40	<=13	PASS
Band4	1.4MHz	QPSK	20175	1	0	12.04	<=13	PASS
Band4	1.4MHz	QPSK	20175	6	0	9.65	<=13	PASS
Band4	1.4MHz	QPSK	20393	1	0	11.26	<=13	PASS
Band4	1.4MHz	QPSK	20393	6	0	9.24	<=13	PASS
Band4	1.4MHz	16QAM	19957	1	0	9.83	<=13	PASS
Band4	1.4MHz	16QAM	19957	6	0	9.08	<=13	PASS
Band4	1.4MHz	16QAM	20175	1	0	9.83	<=13	PASS
Band4	1.4MHz	16QAM	20175	6	0	11.56	<=13	PASS
Band4	1.4MHz	16QAM	20393	1	0	9.39	<=13	PASS
Band4	1.4MHz	16QAM	20393	6	0	11.80	<=13	PASS
Band4	3MHz	QPSK	19965	1	0	8.19	<=13	PASS
Band4	3MHz	QPSK	19965	6	0	9.74	<=13	PASS
Band4	3MHz	QPSK	20175	1	0	9.03	<=13	PASS
Band4	3MHz	QPSK	20175	6	0	9.41	<=13	PASS
Band4	3MHz	QPSK	20385	1	0	9.70	<=13	PASS
Band4	3MHz	QPSK	20385	6	0	9.61	<=13	PASS
Band4	3MHz	16QAM	19965	1	0	10.15	<=13	PASS
Band4	3MHz	16QAM	19965	6	0	11.17	<=13	PASS
Band4	3MHz	16QAM	20175	1	0	10.57	<=13	PASS
Band4	3MHz	16QAM	20175	6	0	10.80	<=13	PASS
Band4	3MHz	16QAM	20385	1	0	10.33	<=13	PASS
Band4	3MHz	16QAM	20385	6	0	9.26	<=13	PASS
Band4	5MHz	QPSK	19975	1	0	8.27	<=13	PASS
Band4	5MHz	QPSK	19975	6	0	9.52	<=13	PASS
Band4	5MHz	QPSK	20175	1	0	8.68	<=13	PASS
Band4	5MHz	QPSK	20175	6	0	9.67	<=13	PASS
Band4	5MHz	QPSK	20375	1	0	8.29	<=13	PASS
Band4	5MHz	QPSK	20375	6	0	11.14	<=13	PASS
Band4	5MHz	16QAM	19975	1	0	11.36	<=13	PASS
Band4	5MHz	16QAM	19975	6	0	9.57	<=13	PASS
Band4	5MHz	16QAM	20175	1	0	8.32	<=13	PASS
Band4	5MHz	16QAM	20175	6	0	9.30	<=13	PASS
Band4	5MHz	16QAM	20375	1	0	9.25	<=13	PASS
Band4	5MHz	16QAM	20375	6	0	8.80	<=13	PASS
Band4	10MHz	QPSK	20000	1	0	8.87	<=13	PASS
Band4	10MHz	QPSK	20000	6	0	11.29	<=13	PASS

Band4	10MHz	QPSK	20175	1	0	8.76	<=13	PASS
Band4	10MHz	QPSK	20175	6	0	8.59	<=13	PASS
Band4	10MHz	QPSK	20350	1	0	8.24	<=13	PASS
Band4	10MHz	QPSK	20350	6	0	9.35	<=13	PASS
Band4	10MHz	16QAM	20000	1	0	9.39	<=13	PASS
Band4	10MHz	16QAM	20000	6	0	9.08	<=13	PASS
Band4	10MHz	16QAM	20175	1	0	8.62	<=13	PASS
Band4	10MHz	16QAM	20175	6	0	8.94	<=13	PASS
Band4	10MHz	16QAM	20350	1	0	9.81	<=13	PASS
Band4	10MHz	16QAM	20350	6	0	9.43	<=13	PASS
Band4	15MHz	QPSK	20025	1	0	6.85	<=13	PASS
Band4	15MHz	QPSK	20025	6	0	8.69	<=13	PASS
Band4	15MHz	QPSK	20175	1	0	9.56	<=13	PASS
Band4	15MHz	QPSK	20175	6	0	11.22	<=13	PASS
Band4	15MHz	QPSK	20325	1	0	9.02	<=13	PASS
Band4	15MHz	QPSK	20325	6	0	8.91	<=13	PASS
Band4	15MHz	16QAM	20025	1	0	9.36	<=13	PASS
Band4	15MHz	16QAM	20025	6	0	7.81	<=13	PASS
Band4	15MHz	16QAM	20175	1	0	9.20	<=13	PASS
Band4	15MHz	16QAM	20175	6	0	8.64	<=13	PASS
Band4	15MHz	16QAM	20325	1	0	9.51	<=13	PASS
Band4	15MHz	16QAM	20325	6	0	8.76	<=13	PASS
Band4	20MHz	QPSK	20050	1	0	9.58	<=13	PASS
Band4	20MHz	QPSK	20050	6	0	10.02	<=13	PASS
Band4	20MHz	QPSK	20175	1	0	8.51	<=13	PASS
Band4	20MHz	QPSK	20175	6	0	11.20	<=13	PASS
Band4	20MHz	QPSK	20300	1	0	8.96	<=13	PASS
Band4	20MHz	QPSK	20300	6	0	9.46	<=13	PASS
Band4	20MHz	16QAM	20050	1	0	9.32	<=13	PASS
Band4	20MHz	16QAM	20050	6	0	8.47	<=13	PASS
Band4	20MHz	16QAM	20175	1	0	9.44	<=13	PASS
Band4	20MHz	16QAM	20175	6	0	8.84	<=13	PASS
Band4	20MHz	16QAM	20300	1	0	11.33	<=13	PASS
Band4	20MHz	16QAM	20300	6	0	9.20	<=13	PASS
Band5	1.4MHz	QPSK	20407	1	0	8.03	<=13	PASS
Band5	1.4MHz	QPSK	20407	6	0	10.80	<=13	PASS
Band5	1.4MHz	QPSK	20525	1	0	10.49	<=13	PASS
Band5	1.4MHz	QPSK	20525	6	0	9.32	<=13	PASS
Band5	1.4MHz	QPSK	20643	1	0	9.09	<=13	PASS
Band5	1.4MHz	QPSK	20643	6	0	9.39	<=13	PASS
Band5	1.4MHz	16QAM	20407	1	0	10.28	<=13	PASS
Band5	1.4MHz	16QAM	20407	6	0	8.89	<=13	PASS
Band5	1.4MHz	16QAM	20525	1	0	8.57	<=13	PASS
Band5	1.4MHz	16QAM	20525	6	0	9.43	<=13	PASS
Band5	1.4MHz	16QAM	20643	1	0	10.03	<=13	PASS

Band5	1.4MHz	16QAM	20643	6	0	11.02	<=13	PASS
Band5	3MHz	QPSK	20415	1	0	9.21	<=13	PASS
Band5	3MHz	QPSK	20415	6	0	11.48	<=13	PASS
Band5	3MHz	QPSK	20525	1	0	9.15	<=13	PASS
Band5	3MHz	QPSK	20525	6	0	9.67	<=13	PASS
Band5	3MHz	QPSK	20635	1	0	8.18	<=13	PASS
Band5	3MHz	QPSK	20635	6	0	11.34	<=13	PASS
Band5	3MHz	16QAM	20415	1	0	10.36	<=13	PASS
Band5	3MHz	16QAM	20415	6	0	9.48	<=13	PASS
Band5	3MHz	16QAM	20525	1	0	10.02	<=13	PASS
Band5	3MHz	16QAM	20525	6	0	10.97	<=13	PASS
Band5	3MHz	16QAM	20635	1	0	9.22	<=13	PASS
Band5	3MHz	16QAM	20635	6	0	9.09	<=13	PASS
Band5	5MHz	QPSK	20425	1	0	8.10	<=13	PASS
Band5	5MHz	QPSK	20425	6	0	9.75	<=13	PASS
Band5	5MHz	QPSK	20525	1	0	8.14	<=13	PASS
Band5	5MHz	QPSK	20525	6	0	9.27	<=13	PASS
Band5	5MHz	QPSK	20625	1	0	8.57	<=13	PASS
Band5	5MHz	QPSK	20625	6	0	11.91	<=13	PASS
Band5	5MHz	16QAM	20425	1	0	9.35	<=13	PASS
Band5	5MHz	16QAM	20425	6	0	8.72	<=13	PASS
Band5	5MHz	16QAM	20525	1	0	9.02	<=13	PASS
Band5	5MHz	16QAM	20525	6	0	9.23	<=13	PASS
Band5	5MHz	16QAM	20625	1	0	9.24	<=13	PASS
Band5	5MHz	16QAM	20625	6	0	9.31	<=13	PASS
Band5	10MHz	QPSK	20450	1	0	8.25	<=13	PASS
Band5	10MHz	QPSK	20450	6	0	9.02	<=13	PASS
Band5	10MHz	QPSK	20525	1	0	9.22	<=13	PASS
Band5	10MHz	QPSK	20525	6	0	9.17	<=13	PASS
Band5	10MHz	QPSK	20600	1	0	9.20	<=13	PASS
Band5	10MHz	QPSK	20600	6	0	8.69	<=13	PASS
Band5	10MHz	16QAM	20450	1	0	9.42	<=13	PASS
Band5	10MHz	16QAM	20450	6	0	8.75	<=13	PASS
Band5	10MHz	16QAM	20525	1	0	9.04	<=13	PASS
Band5	10MHz	16QAM	20525	6	0	9.17	<=13	PASS
Band5	10MHz	16QAM	20600	1	0	7.61	<=13	PASS
Band5	10MHz	16QAM	20600	6	0	10.62	<=13	PASS

8.3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

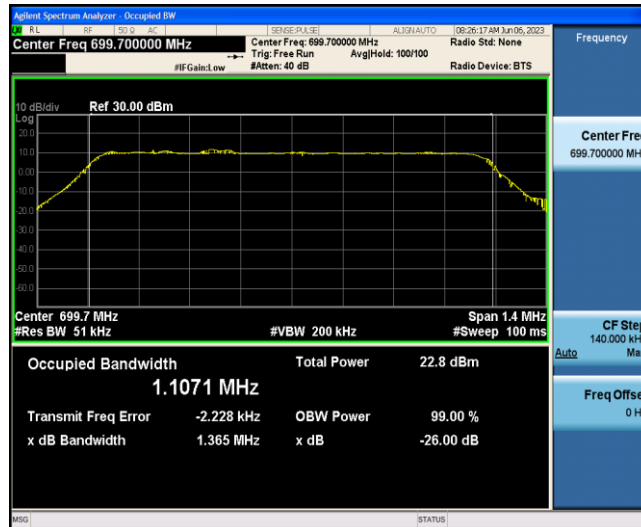
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6	0	1.1071	1.365	PASS
Band12	1.4MHz	QPSK	23095	6	0	1.1078	1.317	PASS
Band12	1.4MHz	QPSK	23173	6	0	1.1226	1.346	PASS
Band12	1.4MHz	16QAM	23017	6	0	1.1094	1.365	PASS
Band12	1.4MHz	16QAM	23095	6	0	1.1083	1.322	PASS
Band12	1.4MHz	16QAM	23173	6	0	1.1218	1.351	PASS
Band12	3MHz	QPSK	23025	6	0	1.1148	1.372	PASS
Band12	3MHz	QPSK	23095	6	0	1.1151	1.321	PASS
Band12	3MHz	QPSK	23165	6	0	1.1202	1.345	PASS
Band12	3MHz	16QAM	23025	6	0	1.1153	1.382	PASS
Band12	3MHz	16QAM	23095	6	0	1.1131	1.351	PASS
Band12	3MHz	16QAM	23165	6	0	1.1189	1.398	PASS
Band12	5MHz	QPSK	23035	6	0	1.1223	1.343	PASS
Band12	5MHz	QPSK	23095	6	0	1.1127	1.425	PASS
Band12	5MHz	QPSK	23155	6	0	1.1257	1.356	PASS
Band12	5MHz	16QAM	23035	6	0	1.1205	1.338	PASS
Band12	5MHz	16QAM	23095	6	0	1.1077	1.395	PASS
Band12	5MHz	16QAM	23155	6	0	1.1270	1.354	PASS
Band12	10MHz	QPSK	23060	6	0	1.1196	1.337	PASS
Band12	10MHz	QPSK	23095	6	0	1.1254	1.355	PASS
Band12	10MHz	QPSK	23130	6	0	1.1282	1.337	PASS
Band12	10MHz	16QAM	23060	6	0	1.1203	1.334	PASS
Band12	10MHz	16QAM	23095	6	0	1.1268	1.402	PASS
Band12	10MHz	16QAM	23130	6	0	1.1278	1.340	PASS
Band13	5MHz	QPSK	23205	6	0	1.1100	1.356	PASS
Band13	5MHz	QPSK	23230	6	0	1.1250	1.347	PASS
Band13	5MHz	QPSK	23255	6	0	1.1150	1.367	PASS
Band13	5MHz	16QAM	23205	6	0	1.1072	1.473	PASS
Band13	5MHz	16QAM	23230	6	0	1.1219	1.345	PASS
Band13	5MHz	16QAM	23255	6	0	1.1166	1.331	PASS
Band13	10MHz	QPSK	23230	6	0	1.1132	1.336	PASS
Band13	10MHz	16QAM	23230	6	0	1.1174	1.325	PASS
Band2	1.4MHz	QPSK	18607	6	0	1.1062	1.356	PASS
Band2	1.4MHz	QPSK	18900	6	0	1.1063	1.364	PASS
Band2	1.4MHz	QPSK	19193	6	0	1.1194	1.338	PASS
Band2	1.4MHz	16QAM	18607	6	0	1.1083	1.364	PASS
Band2	1.4MHz	16QAM	18900	6	0	1.1069	1.339	PASS

Band2	1.4MHz	16QAM	19193	6	0	1.1188	1.337	PASS
Band2	3MHz	QPSK	18615	6	0	1.1159	1.393	PASS
Band2	3MHz	QPSK	18900	6	0	1.1148	1.344	PASS
Band2	3MHz	QPSK	19185	6	0	1.1153	1.340	PASS
Band2	3MHz	16QAM	18615	6	0	1.1159	1.391	PASS
Band2	3MHz	16QAM	18900	6	0	1.1135	1.350	PASS
Band2	3MHz	16QAM	19185	6	0	1.1212	1.344	PASS
Band2	5MHz	QPSK	18625	6	0	1.1221	1.348	PASS
Band2	5MHz	QPSK	18900	6	0	1.1087	1.397	PASS
Band2	5MHz	QPSK	19175	6	0	1.1271	1.355	PASS
Band2	5MHz	16QAM	18625	6	0	1.1252	1.342	PASS
Band2	5MHz	16QAM	18900	6	0	1.1111	1.365	PASS
Band2	5MHz	16QAM	19175	6	0	1.1234	1.348	PASS
Band2	10MHz	QPSK	18650	6	0	1.1207	1.329	PASS
Band2	10MHz	QPSK	18900	6	0	1.1263	1.371	PASS
Band2	10MHz	QPSK	19150	6	0	1.1296	1.342	PASS
Band2	10MHz	16QAM	18650	6	0	1.1220	1.326	PASS
Band2	10MHz	16QAM	18900	6	0	1.1287	1.379	PASS
Band2	10MHz	16QAM	19150	6	0	1.1305	1.339	PASS
Band2	15MHz	QPSK	18675	6	0	1.1426	1.372	PASS
Band2	15MHz	QPSK	18900	6	0	1.1332	1.392	PASS
Band2	15MHz	QPSK	19125	6	0	1.1324	1.395	PASS
Band2	15MHz	16QAM	18675	6	0	1.1475	1.369	PASS
Band2	15MHz	16QAM	18900	6	0	1.1371	1.451	PASS
Band2	15MHz	16QAM	19125	6	0	1.1310	1.372	PASS
Band2	20MHz	QPSK	18700	6	0	1.1311	1.388	PASS
Band2	20MHz	QPSK	18900	6	0	1.1243	1.382	PASS
Band2	20MHz	QPSK	19100	6	0	1.1325	1.367	PASS
Band2	20MHz	16QAM	18700	6	0	1.1379	1.373	PASS
Band2	20MHz	16QAM	18900	6	0	1.1291	1.390	PASS
Band2	20MHz	16QAM	19100	6	0	1.1307	1.380	PASS
Band4	1.4MHz	QPSK	19957	6	0	1.1088	1.360	PASS
Band4	1.4MHz	QPSK	20175	6	0	1.1060	1.361	PASS
Band4	1.4MHz	QPSK	20393	6	0	1.1185	1.333	PASS
Band4	1.4MHz	16QAM	19957	6	0	1.1088	1.360	PASS
Band4	1.4MHz	16QAM	20175	6	0	1.1070	1.344	PASS
Band4	1.4MHz	16QAM	20393	6	0	1.1198	1.330	PASS
Band4	3MHz	QPSK	19965	6	0	1.1181	1.376	PASS
Band4	3MHz	QPSK	20175	6	0	1.1128	1.334	PASS
Band4	3MHz	QPSK	20385	6	0	1.1181	1.326	PASS
Band4	3MHz	16QAM	19965	6	0	1.1147	1.366	PASS
Band4	3MHz	16QAM	20175	6	0	1.1160	1.330	PASS
Band4	3MHz	16QAM	20385	6	0	1.1181	1.333	PASS
Band4	5MHz	QPSK	19975	6	0	1.1242	1.333	PASS
Band4	5MHz	QPSK	20175	6	0	1.1096	1.382	PASS

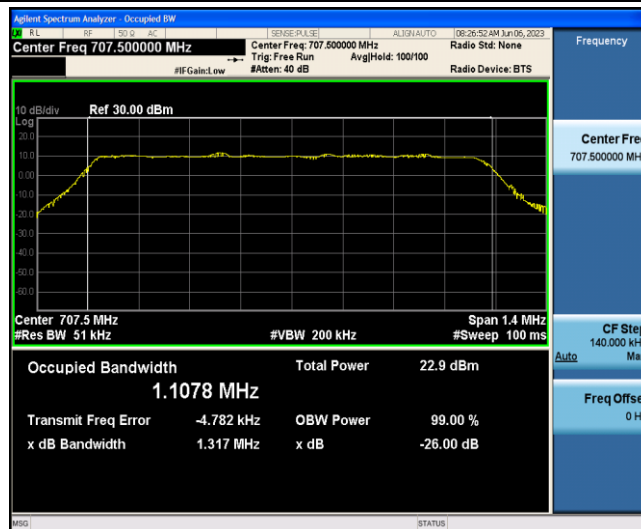
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Band4	5MHz	16QAM	19975	6	0	1.1257	1.337	PASS
Band4	5MHz	16QAM	20175	6	0	1.1104	1.381	PASS
Band4	5MHz	16QAM	20375	6	0	1.1266	1.343	PASS
Band4	10MHz	QPSK	20000	6	0	1.1170	1.321	PASS
Band4	10MHz	QPSK	20175	6	0	1.1270	1.394	PASS
Band4	10MHz	QPSK	20350	6	0	1.1301	1.338	PASS
Band4	10MHz	16QAM	20000	6	0	1.1232	1.335	PASS
Band4	10MHz	16QAM	20175	6	0	1.1273	1.375	PASS
Band4	10MHz	16QAM	20350	6	0	1.1266	1.339	PASS
Band4	15MHz	QPSK	20025	6	0	1.1416	1.353	PASS
Band4	15MHz	QPSK	20175	6	0	1.1364	1.403	PASS
Band4	15MHz	QPSK	20325	6	0	1.1279	1.366	PASS
Band4	15MHz	16QAM	20025	6	0	1.1406	1.367	PASS
Band4	15MHz	16QAM	20175	6	0	1.1287	1.375	PASS
Band4	15MHz	16QAM	20325	6	0	1.1264	1.351	PASS
Band4	20MHz	QPSK	20050	6	0	1.1268	1.350	PASS
Band4	20MHz	QPSK	20175	6	0	1.1157	1.414	PASS
Band4	20MHz	QPSK	20300	6	0	1.1315	1.370	PASS
Band4	20MHz	16QAM	20050	6	0	1.1310	1.358	PASS
Band4	20MHz	16QAM	20175	6	0	1.1233	1.379	PASS
Band4	20MHz	16QAM	20300	6	0	1.1274	1.361	PASS
Band5	1.4MHz	QPSK	20407	6	0	1.1091	1.359	PASS
Band5	1.4MHz	QPSK	20525	6	0	1.1070	1.361	PASS
Band5	1.4MHz	QPSK	20643	6	0	1.1197	1.353	PASS
Band5	1.4MHz	16QAM	20407	6	0	1.1081	1.361	PASS
Band5	1.4MHz	16QAM	20525	6	0	1.1068	1.318	PASS
Band5	1.4MHz	16QAM	20643	6	0	1.1189	1.351	PASS
Band5	3MHz	QPSK	20415	6	0	1.1141	1.379	PASS
Band5	3MHz	QPSK	20525	6	0	1.1135	1.377	PASS
Band5	3MHz	QPSK	20635	6	0	1.1163	1.355	PASS
Band5	3MHz	16QAM	20415	6	0	1.1163	1.367	PASS
Band5	3MHz	16QAM	20525	6	0	1.1144	1.380	PASS
Band5	3MHz	16QAM	20635	6	0	1.1215	1.356	PASS
Band5	5MHz	QPSK	20425	6	0	1.1241	1.344	PASS
Band5	5MHz	QPSK	20525	6	0	1.1080	1.386	PASS
Band5	5MHz	QPSK	20625	6	0	1.1274	1.361	PASS
Band5	5MHz	16QAM	20425	6	0	1.1186	1.345	PASS
Band5	5MHz	16QAM	20525	6	0	1.1117	1.385	PASS
Band5	5MHz	16QAM	20625	6	0	1.1259	1.364	PASS
Band5	10MHz	QPSK	20450	6	0	1.1181	1.320	PASS
Band5	10MHz	QPSK	20525	6	0	1.1258	1.443	PASS
Band5	10MHz	QPSK	20600	6	0	1.1232	1.348	PASS
Band5	10MHz	16QAM	20450	6	0	1.1177	1.332	PASS
Band5	10MHz	16QAM	20525	6	0	1.1248	1.360	PASS

Band5	10MHz	16QAM	20600	6	0	1.1314	1.343	PASS
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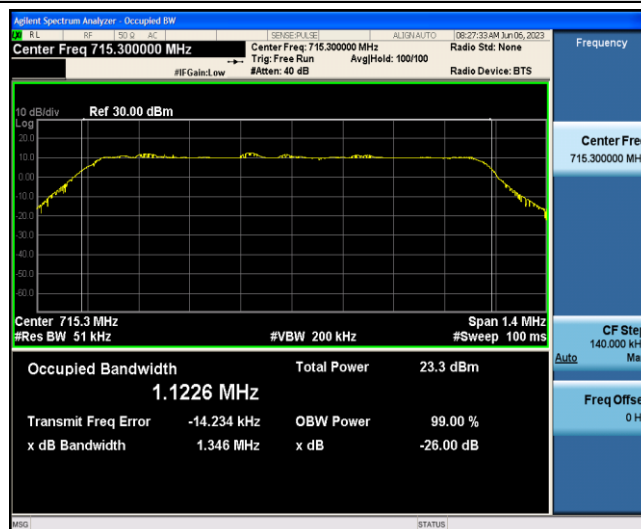
Test Graphs



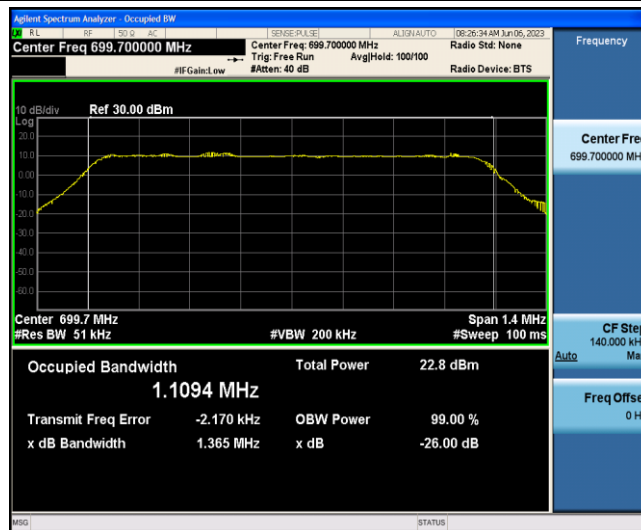
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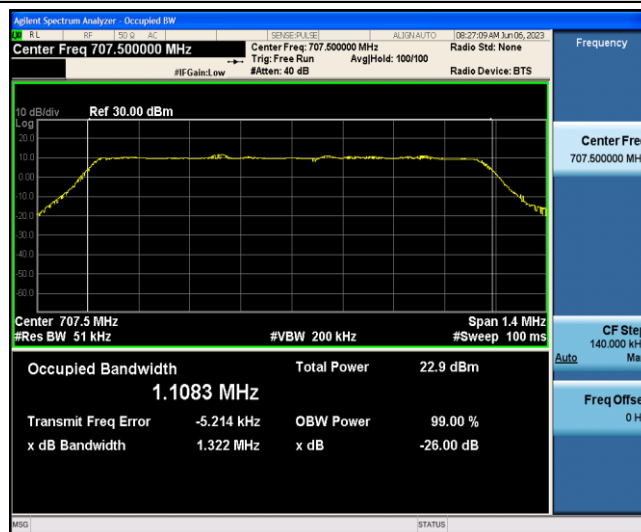
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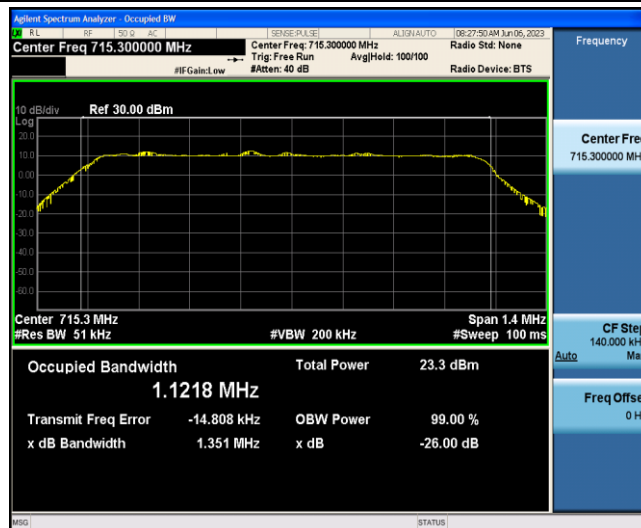
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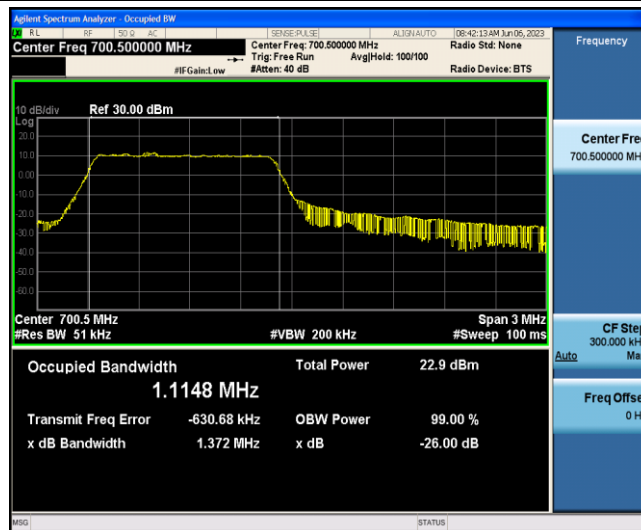
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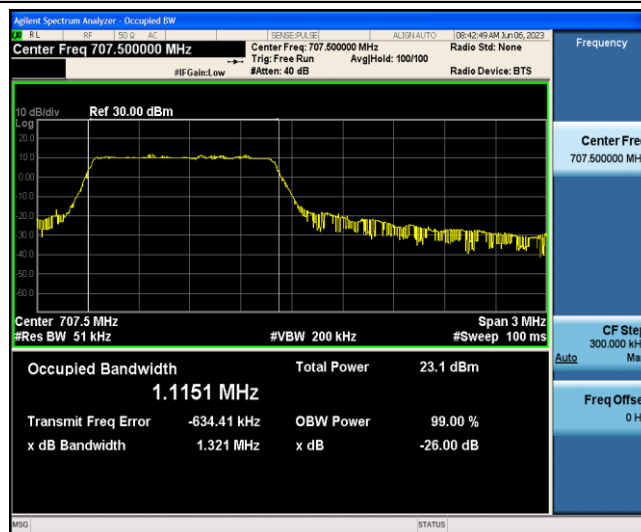
Band12-1.4MHz-16QAM-23095-6-0-Low-1.1083-1.322-PASS



Band12-1.4MHz-16QAM-23173-6-0-Low-1.1218-1.351-PASS



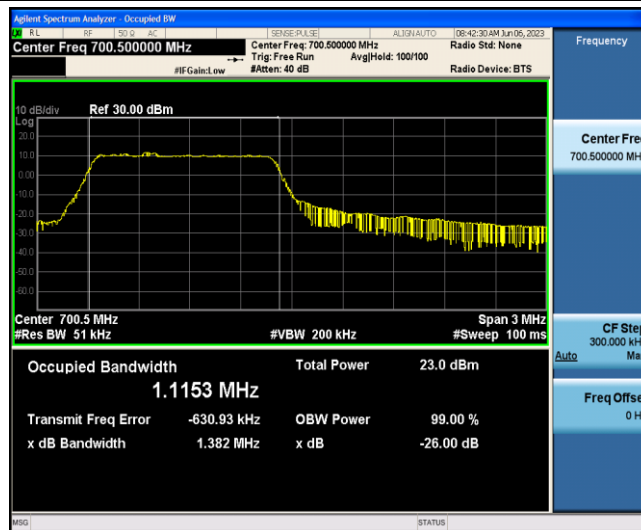
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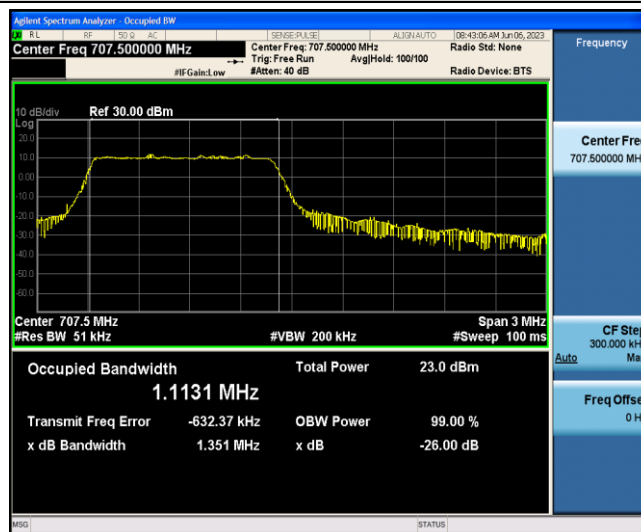
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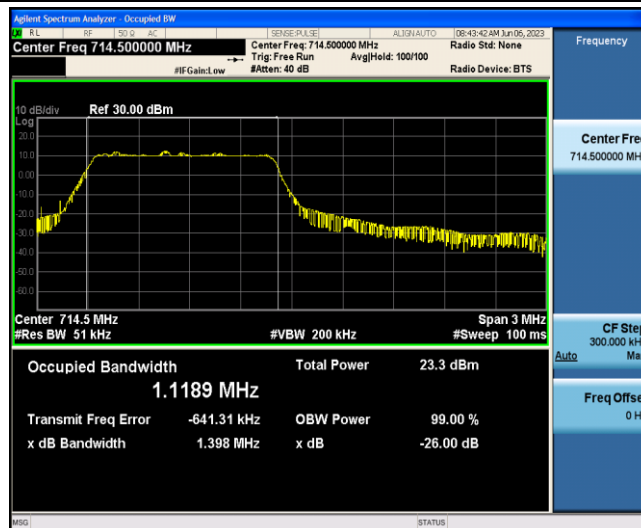
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Band12-3MHz-16QAM-23025-6-0-Low-1.1153-1.382-PASS



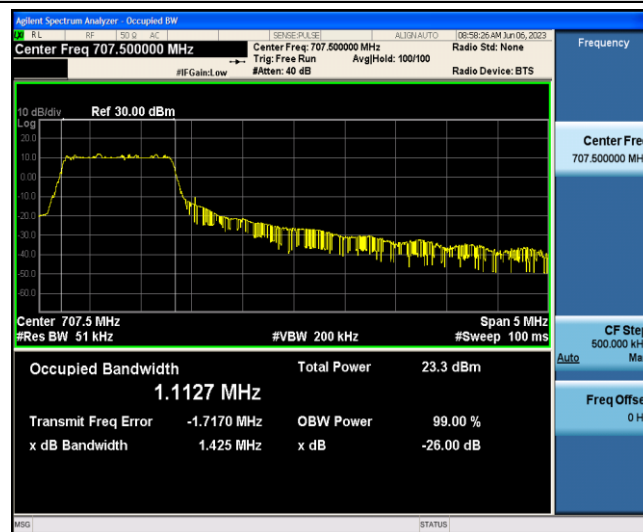
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Band12-5MHz-QPSK-23035-6-0-Low-1.1223-1.343-PASS



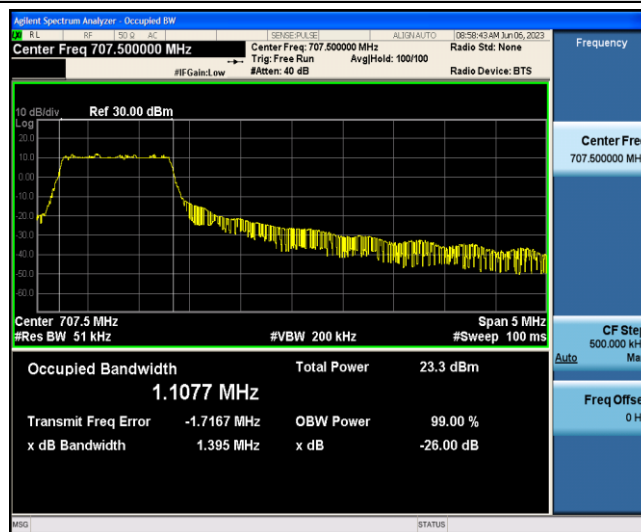
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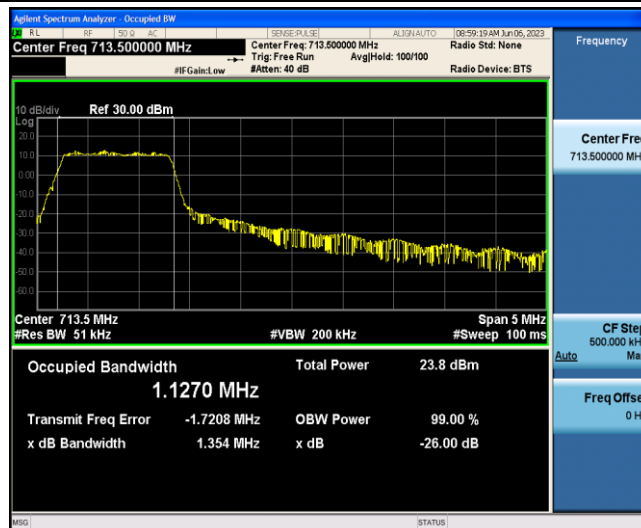
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Band12-5MHz-16QAM-23035-6-0-Low-1.1205-1.338-PASS



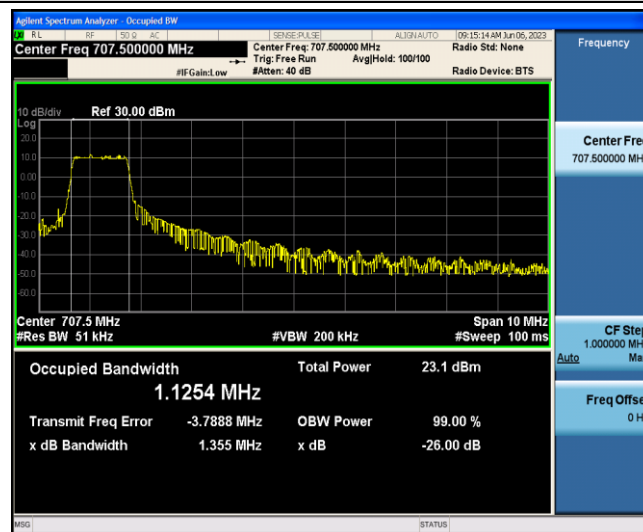
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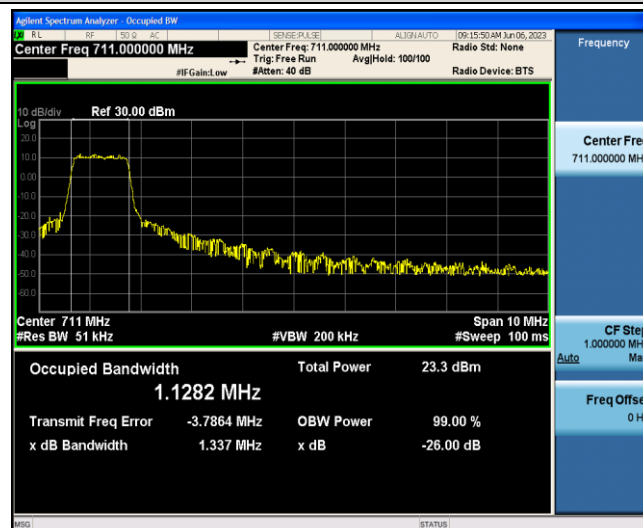
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Band12-10MHz-QPSK-23060-6-0-Low-1.1196-1.337-PASS



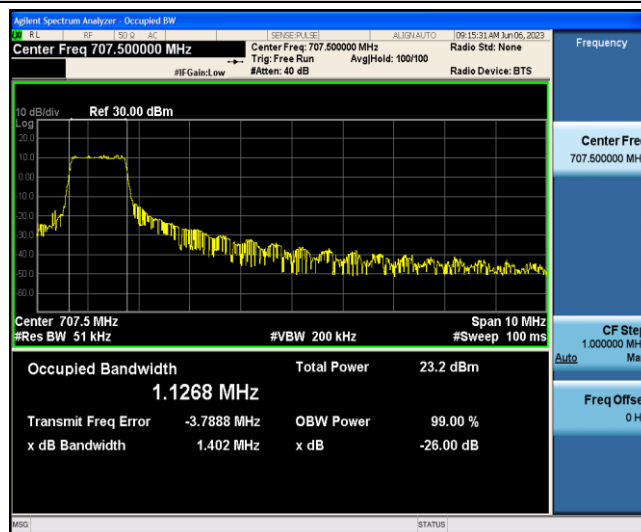
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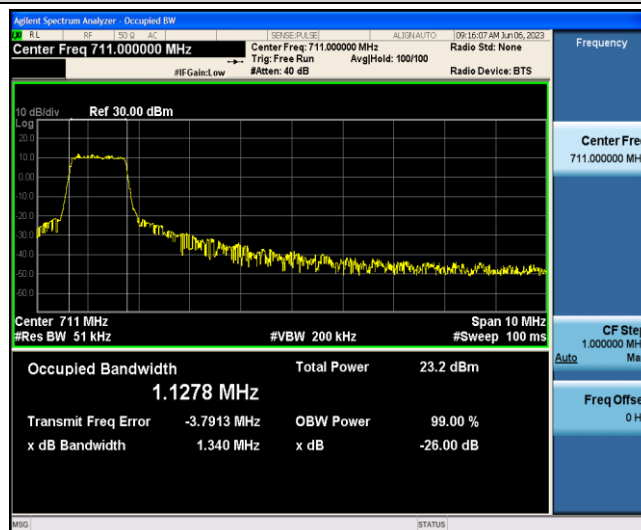
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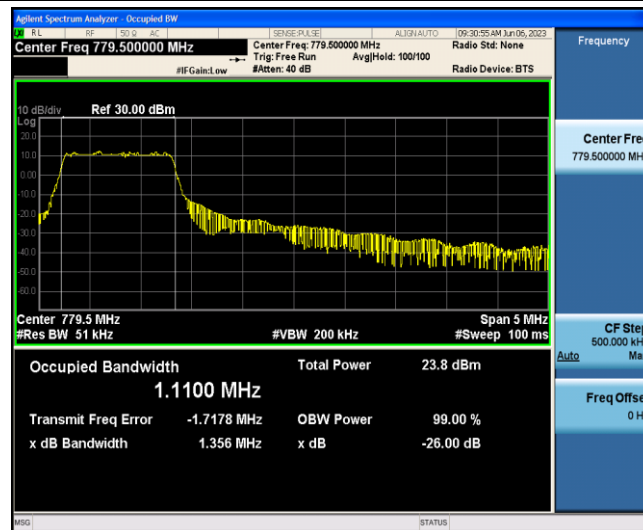
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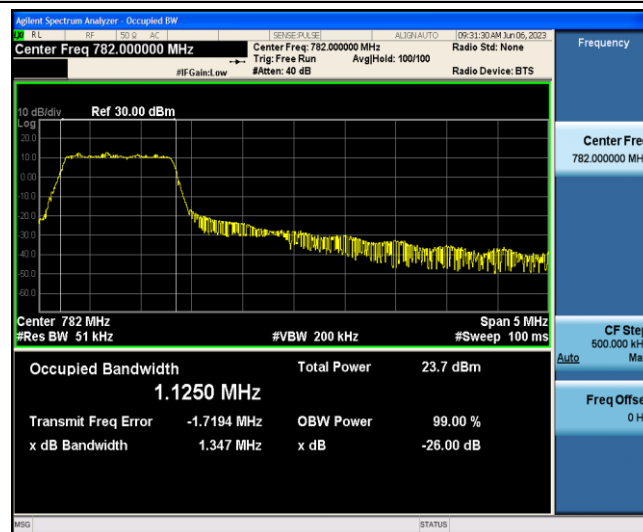
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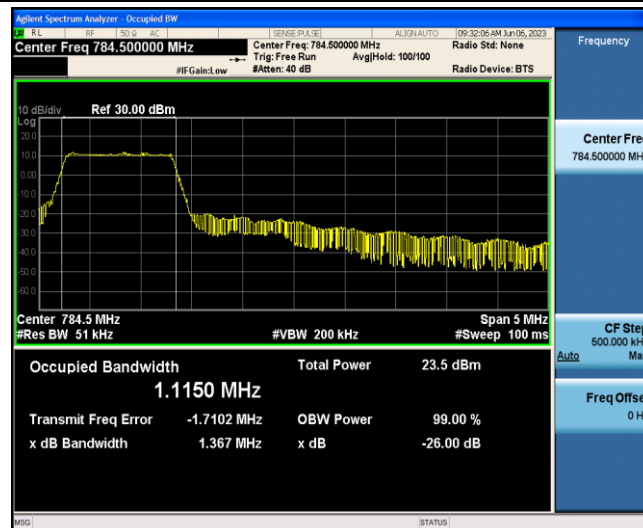
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Band13-5MHz-QPSK-23205-6-0-Low-1.1100-1.356-PASS



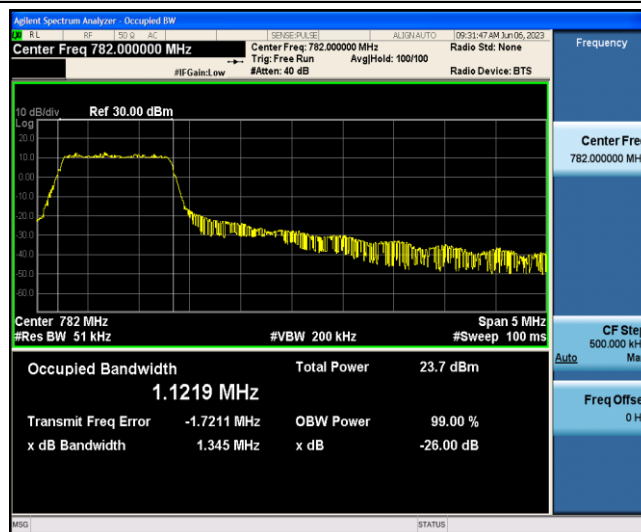
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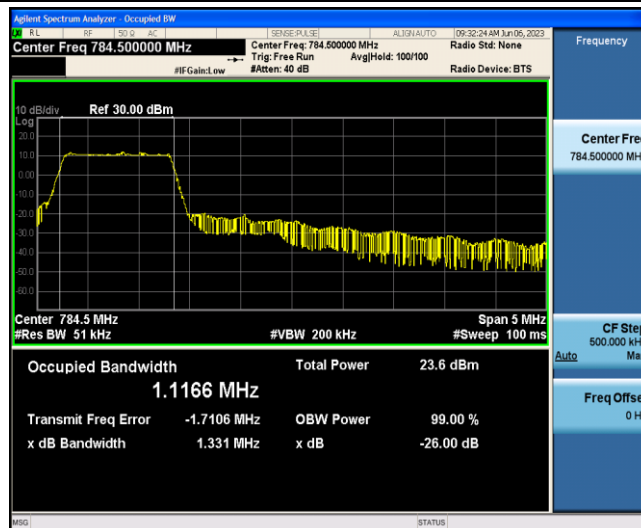
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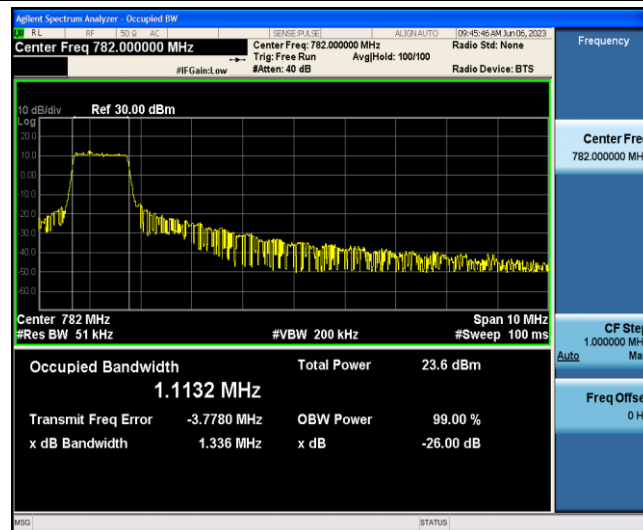
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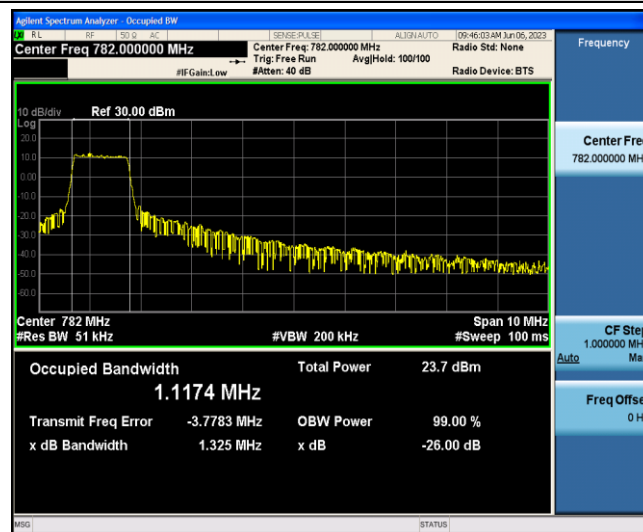
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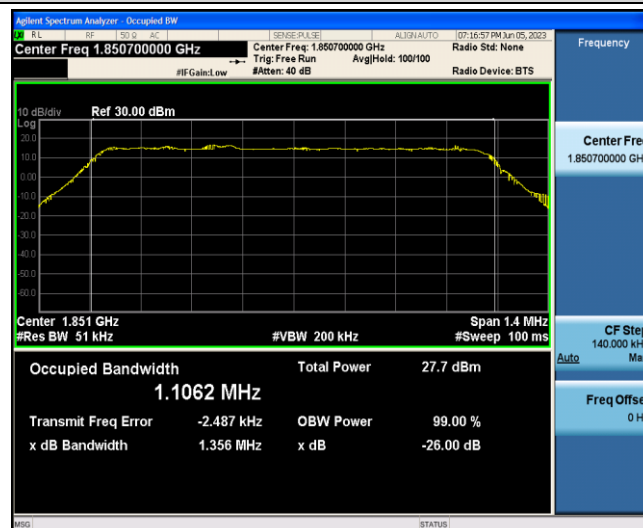
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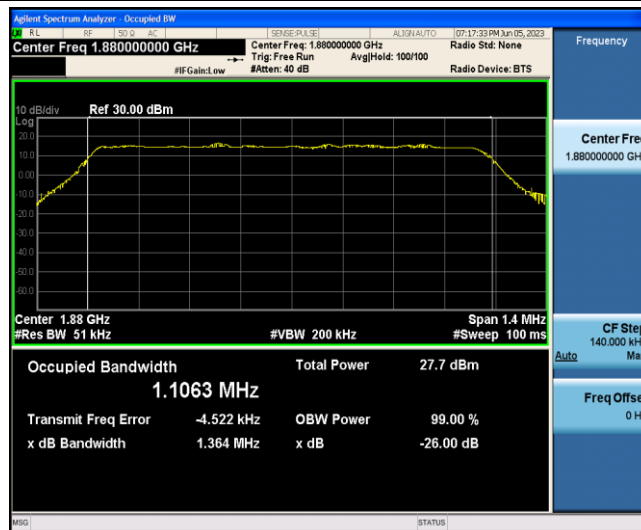
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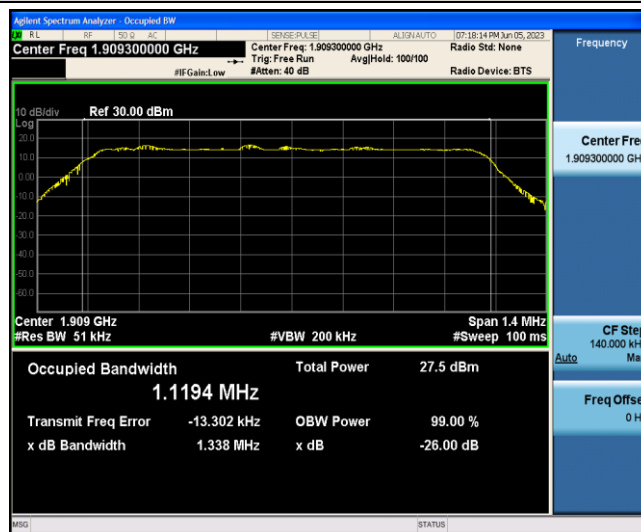
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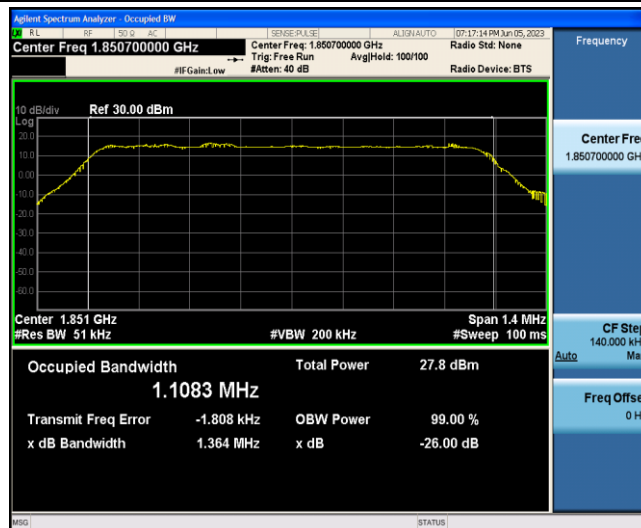
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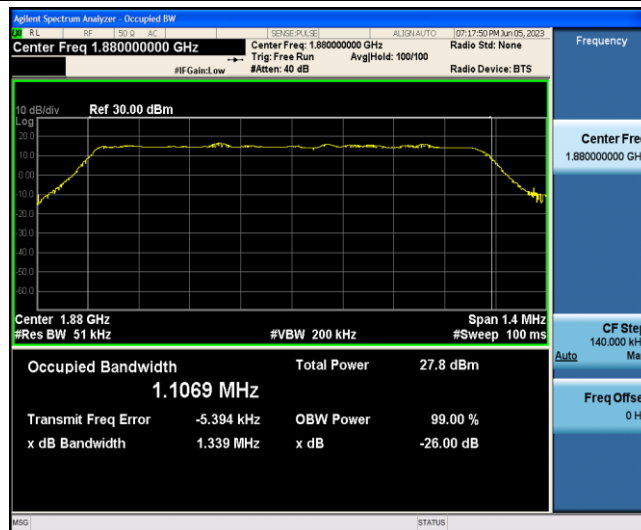
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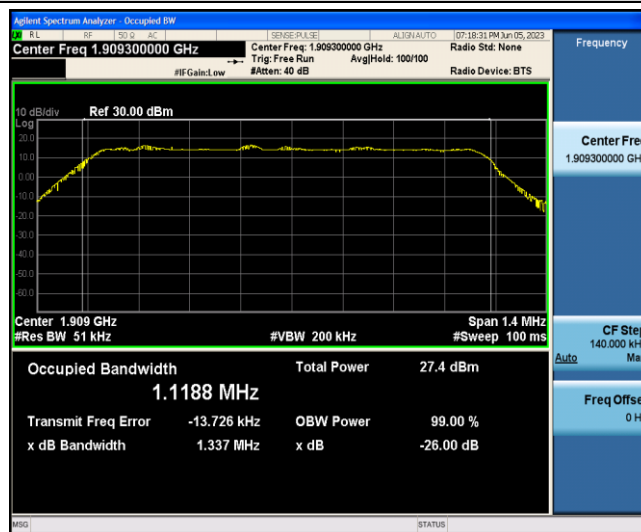
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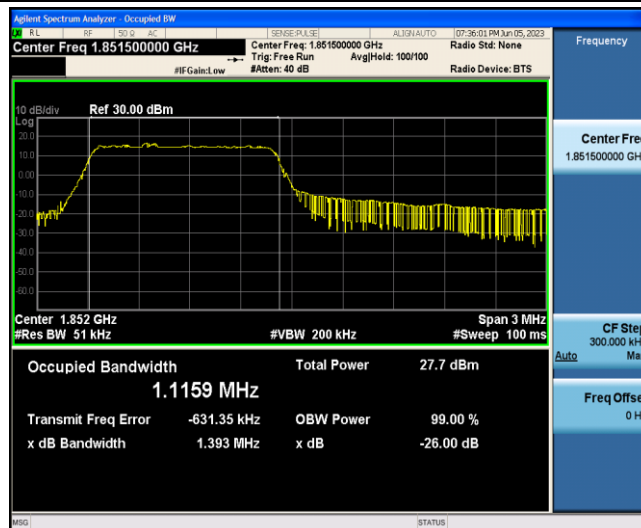
Band2-1.4MHz-16QAM-18607-6-0-Low-1.1083-1.364-PASS



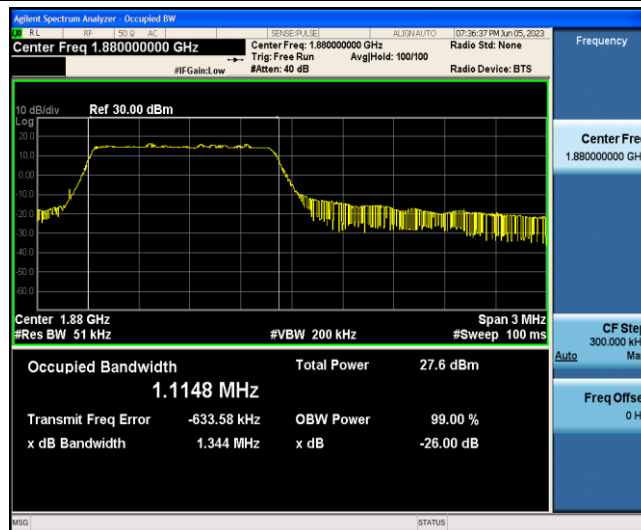
Band2-1.4MHz-16QAM-18900-6-0-Low-1.1069-1.339-PASS



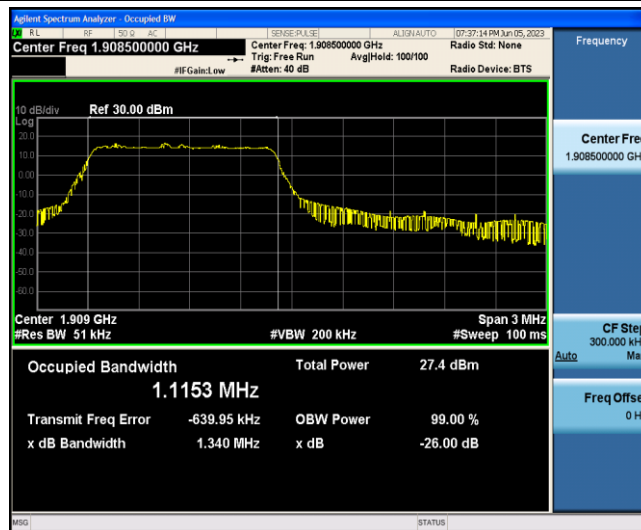
Band2-1.4MHz-16QAM-19193-6-0-Low-1.1188-1.337-PASS



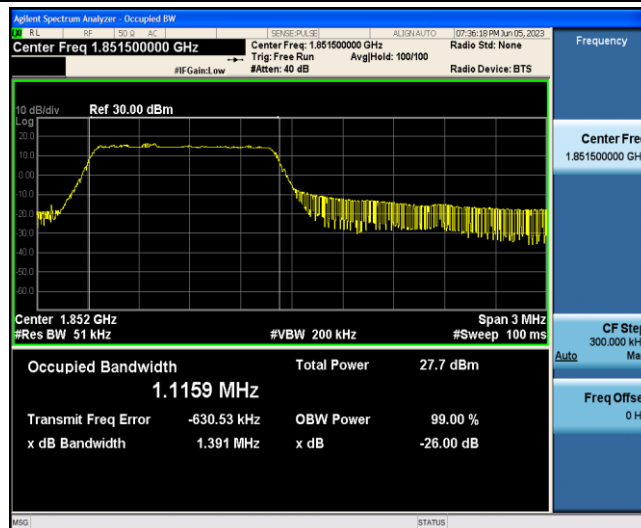
Band2-3MHz-QPSK-18615-6-0-Low-1.1159-1.393-PASS



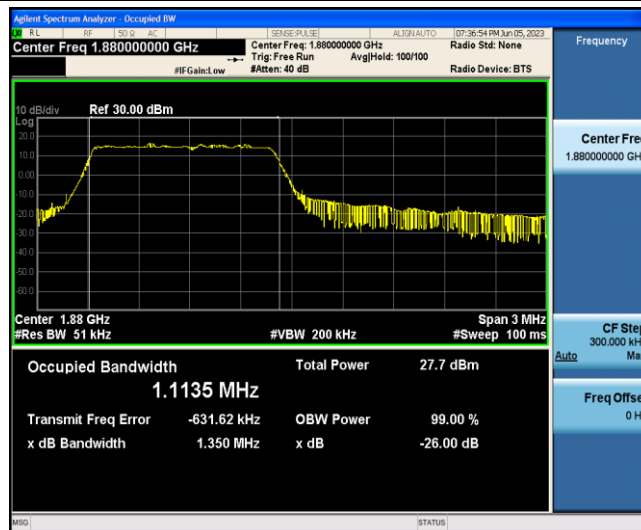
Band2-3MHz-QPSK-18900-6-0-Low-1.1148-1.344-PASS



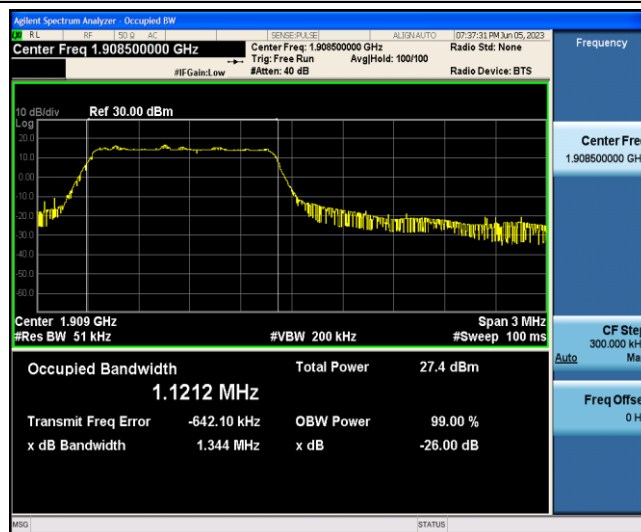
Band2-3MHz-QPSK-19185-6-0-Low-1.1153-1.340-PASS



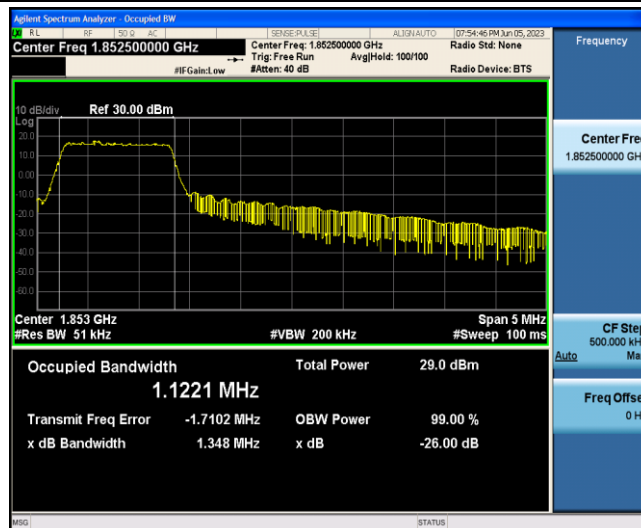
Band2-3MHz-16QAM-18615-6-0-Low-1.1159-1.391-PASS



Band2-3MHz-16QAM-18900-6-0-Low-1.1135-1.350-PASS



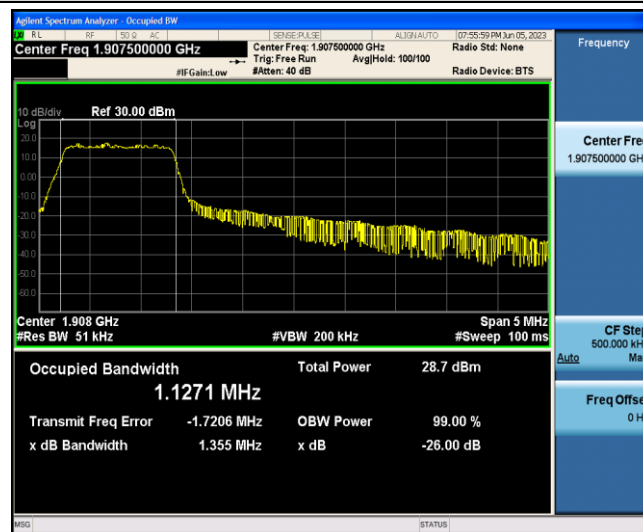
Band2-3MHz-16QAM-19185-6-0-Low-1.1212-1.344-PASS



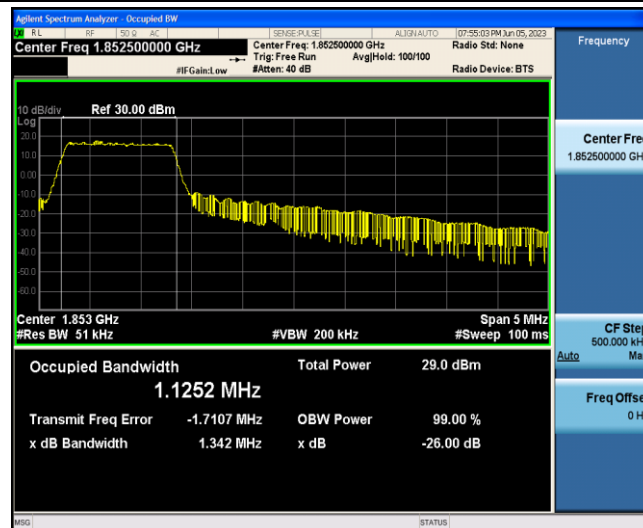
Band2-5MHz-QPSK-18625-6-0-Low-1.1221-1.348-PASS



Band2-5MHz-QPSK-18900-6-0-Low-1.1087-1.397-PASS



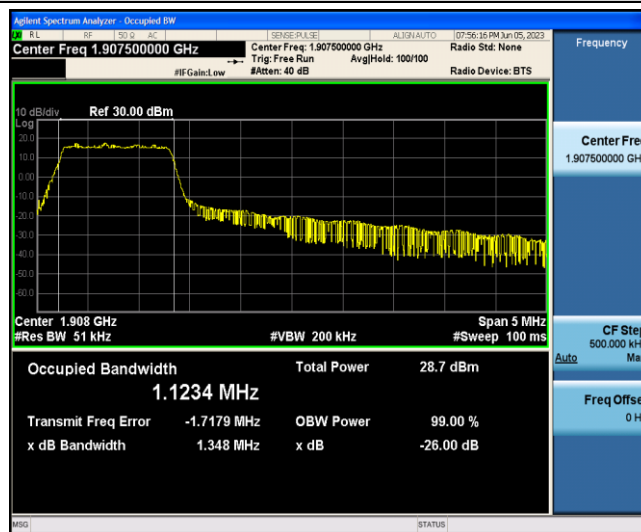
Band2-5MHz-QPSK-19175-6-0-Low-1.1271-1.355-PASS



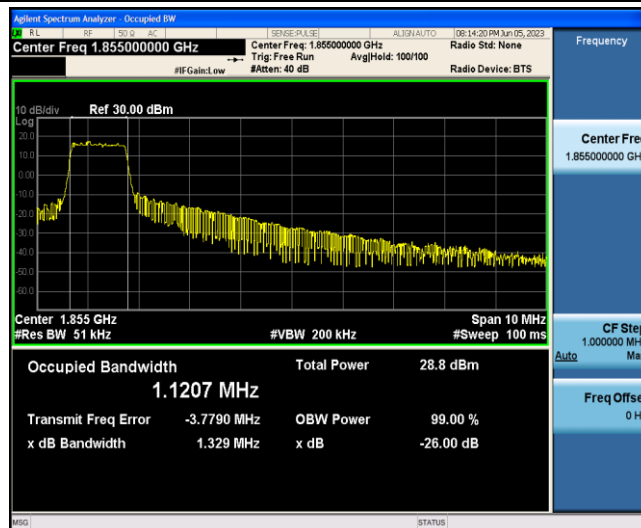
Band2-5MHz-16QAM-18625-6-0-Low-1.1252-1.342-PASS



Band2-5MHz-16QAM-18900-6-0-Low-1.1111-1.365-PASS



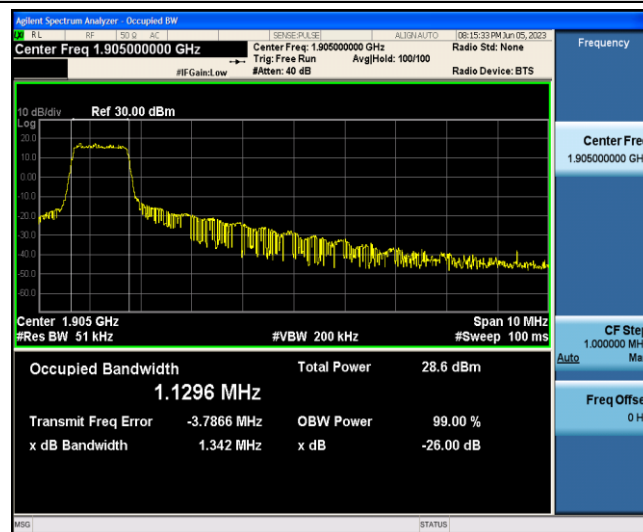
Band2-5MHz-16QAM-19175-6-0-Low-1.1234-1.348-PASS



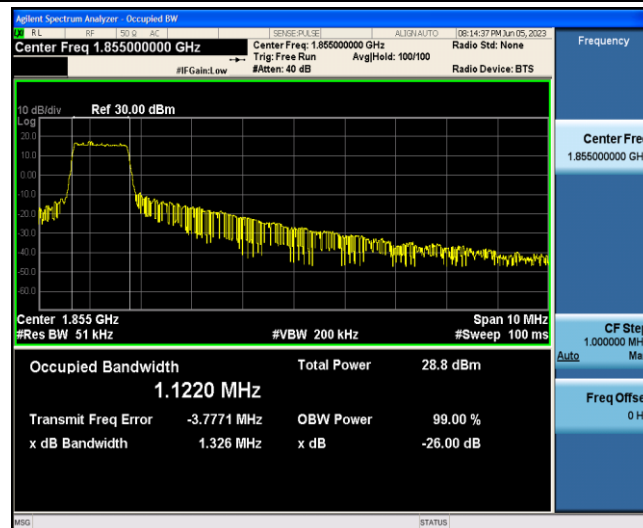
Band2-10MHz-QPSK-18650-6-0-Low-1.1207-1.329-PASS



Band2-10MHz-QPSK-18900-6-0-Low-1.1263-1.371-PASS



Band2-10MHz-QPSK-19150-6-0-Low-1.1296-1.342-PASS



Band2-10MHz-16QAM-18650-6-0-Low-1.1220-1.326-PASS