

APPENDIX REPORT

Project No.	SHT2304055302EW	Radio Specification	LTE Cat M
Test sample No.	YPHT23040553011	Model No.	AES-U211
Start test date	2023-06-02	Finish date	2023-06-28
Temperature	25.3℃	Humidity	54%
Test Engineer	Xiaodong Zhao	Auditor	

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	21.51	PASS
Band12	1.4MHz	QPSK	23017	1	5	21.33	PASS
Band12	1.4MHz	QPSK	23017	6	0	19.17	PASS
Band12	1.4MHz	QPSK	23095	1	0	21.59	PASS
Band12	1.4MHz	QPSK	23095	1	5	21.49	PASS
Band12	1.4MHz	QPSK	23095	6	0	19.48	PASS
Band12	1.4MHz	QPSK	23173	1	0	21.43	PASS
Band12	1.4MHz	QPSK	23173	1	5	21.14	PASS
Band12	1.4MHz	QPSK	23173	6	0	18.95	PASS
Band12	1.4MHz	16QAM	23017	1	0	20.24	PASS
Band12	1.4MHz	16QAM	23017	1	5	20.23	PASS
Band12	1.4MHz	16QAM	23017	6	0	19.09	PASS
Band12	1.4MHz	16QAM	23095	1	0	20.69	PASS
Band12	1.4MHz	16QAM	23095	1	5	20.78	PASS
Band12	1.4MHz	16QAM	23095	6	0	19.39	PASS
Band12	1.4MHz	16QAM	23173	1	0	20.48	PASS
Band12	1.4MHz	16QAM	23173	1	5	20.23	PASS
Band12	1.4MHz	16QAM	23173	6	0	18.96	PASS
Band12	3MHz	QPSK	23025	1	0	21.70	PASS
Band12	3MHz	QPSK	23025	1	5	21.67	PASS
Band12	3MHz	QPSK	23025	6	0	19.34	PASS
Band12	3MHz	QPSK	23095	1	0	21.84	PASS
Band12	3MHz	QPSK	23095	1	5	21.68	PASS
Band12	3MHz	QPSK	23095	6	0	19.60	PASS
Band12	3MHz	QPSK	23165	1	0	21.44	PASS
Band12	3MHz	QPSK	23165	1	5	21.25	PASS
Band12	3MHz	QPSK	23165	6	0	19.30	PASS
Band12	3MHz	16QAM	23025	1	0	20.41	PASS
Band12	3MHz	16QAM	23025	1	5	20.42	PASS
Band12	3MHz	16QAM	23025	6	0	19.43	PASS
Band12	3MHz	16QAM	23095	1	0	20.50	PASS
Band12	3MHz	16QAM	23095	1	5	20.57	PASS
Band12	3MHz	16QAM	23095	6	0	19.59	PASS
Band12	3MHz	16QAM	23165	1	0	20.61	PASS
Band12	3MHz	16QAM	23165	1	5	20.46	PASS
Band12	3MHz	16QAM	23165	6	0	19.30	PASS
Band12	5MHz	QPSK	23035	1	0	21.59	PASS
Band12	5MHz	QPSK	23035	1	5	21.79	PASS
Band12	5MHz	QPSK	23035	6	0	20.37	PASS

Band12	5MHz	QPSK	23095	1	0	21.72	PASS
Band12	5MHz	QPSK	23095	1	5	21.86	PASS
Band12	5MHz	QPSK	23095	6	0	20.46	PASS
Band12	5MHz	QPSK	23155	1	0	21.81	PASS
Band12	5MHz	QPSK	23155	1	5	21.45	PASS
Band12	5MHz	QPSK	23155	6	0	20.44	PASS
Band12	5MHz	16QAM	23035	1	0	21.99	PASS
Band12	5MHz	16QAM	23035	1	5	22.05	PASS
Band12	5MHz	16QAM	23035	6	0	20.32	PASS
Band12	5MHz	16QAM	23095	1	0	22.02	PASS
Band12	5MHz	16QAM	23095	1	5	21.75	PASS
Band12	5MHz	16QAM	23095	6	0	20.46	PASS
Band12	5MHz	16QAM	23155	1	0	21.79	PASS
Band12	5MHz	16QAM	23155	1	5	21.50	PASS
Band12	5MHz	16QAM	23155	6	0	20.38	PASS
Band12	10MHz	QPSK	23060	1	0	21.67	PASS
Band12	10MHz	QPSK	23060	1	5	21.68	PASS
Band12	10MHz	QPSK	23060	6	0	20.22	PASS
Band12	10MHz	QPSK	23095	1	0	21.60	PASS
Band12	10MHz	QPSK	23095	1	5	21.59	PASS
Band12	10MHz	QPSK	23095	6	0	20.31	PASS
Band12	10MHz	QPSK	23130	1	0	21.89	PASS
Band12	10MHz	QPSK	23130	1	5	21.27	PASS
Band12	10MHz	QPSK	23130	6	0	20.39	PASS
Band12	10MHz	16QAM	23060	1	0	21.60	PASS
Band12	10MHz	16QAM	23060	1	5	21.80	PASS
Band12	10MHz	16QAM	23060	6	0	20.22	PASS
Band12	10MHz	16QAM	23095	1	0	21.90	PASS
Band12	10MHz	16QAM	23095	1	5	21.47	PASS
Band12	10MHz	16QAM	23095	6	0	20.31	PASS
Band12	10MHz	16QAM	23130	1	0	21.90	PASS
Band12	10MHz	16QAM	23130	1	5	21.48	PASS
Band12	10MHz	16QAM	23130	6	0	20.48	PASS
Band13	5MHz	QPSK	23205	1	0	21.64	PASS
Band13	5MHz	QPSK	23205	1	5	21.33	PASS
Band13	5MHz	QPSK	23205	6	0	20.12	PASS
Band13	5MHz	QPSK	23230	1	0	21.67	PASS
Band13	5MHz	QPSK	23230	1	5	21.18	PASS
Band13	5MHz	QPSK	23230	6	0	20.20	PASS
Band13	5MHz	QPSK	23255	1	0	21.36	PASS
Band13	5MHz	QPSK	23255	1	5	21.04	PASS
Band13	5MHz	QPSK	23255	6	0	20.09	PASS
Band13	5MHz	16QAM	23205	1	0	21.93	PASS
Band13	5MHz	16QAM	23205	1	5	21.38	PASS
Band13	5MHz	16QAM	23205	6	0	20.12	PASS

Band13	5MHz	16QAM	23230	1	0	21.94	PASS
Band13	5MHz	16QAM	23230	1	5	21.51	PASS
Band13	5MHz	16QAM	23230	6	0	20.11	PASS
Band13	5MHz	16QAM	23255	1	0	21.45	PASS
Band13	5MHz	16QAM	23255	1	5	21.33	PASS
Band13	5MHz	16QAM	23255	6	0	20.09	PASS
Band13	10MHz	QPSK	23230	1	0	21.45	PASS
Band13	10MHz	QPSK	23230	1	5	20.83	PASS
Band13	10MHz	QPSK	23230	6	0	20.03	PASS
Band13	10MHz	16QAM	23230	1	0	21.16	PASS
Band13	10MHz	16QAM	23230	1	5	21.29	PASS
Band13	10MHz	16QAM	23230	6	0	20.03	PASS
Band2	1.4MHz	QPSK	18607	1	0	21.60	PASS
Band2	1.4MHz	QPSK	18607	1	5	21.46	PASS
Band2	1.4MHz	QPSK	18607	6	0	19.30	PASS
Band2	1.4MHz	QPSK	18900	1	0	21.74	PASS
Band2	1.4MHz	QPSK	18900	1	5	21.43	PASS
Band2	1.4MHz	QPSK	18900	6	0	19.33	PASS
Band2	1.4MHz	QPSK	19193	1	0	22.24	PASS
Band2	1.4MHz	QPSK	19193	1	5	22.00	PASS
Band2	1.4MHz	QPSK	19193	6	0	19.83	PASS
Band2	1.4MHz	16QAM	18607	1	0	20.48	PASS
Band2	1.4MHz	16QAM	18607	1	5	20.34	PASS
Band2	1.4MHz	16QAM	18607	6	0	19.31	PASS
Band2	1.4MHz	16QAM	18900	1	0	20.58	PASS
Band2	1.4MHz	16QAM	18900	1	5	20.32	PASS
Band2	1.4MHz	16QAM	18900	6	0	19.42	PASS
Band2	1.4MHz	16QAM	19193	1	0	21.22	PASS
Band2	1.4MHz	16QAM	19193	1	5	20.93	PASS
Band2	1.4MHz	16QAM	19193	6	0	19.84	PASS
Band2	3MHz	QPSK	18615	1	0	21.65	PASS
Band2	3MHz	QPSK	18615	1	5	21.44	PASS
Band2	3MHz	QPSK	18615	6	0	19.44	PASS
Band2	3MHz	QPSK	18900	1	0	21.78	PASS
Band2	3MHz	QPSK	18900	1	5	21.48	PASS
Band2	3MHz	QPSK	18900	6	0	19.38	PASS
Band2	3MHz	QPSK	19185	1	0	22.32	PASS
Band2	3MHz	QPSK	19185	1	5	22.18	PASS
Band2	3MHz	QPSK	19185	6	0	19.93	PASS
Band2	3MHz	16QAM	18615	1	0	20.50	PASS
Band2	3MHz	16QAM	18615	1	5	20.39	PASS
Band2	3MHz	16QAM	18615	6	0	19.35	PASS
Band2	3MHz	16QAM	18900	1	0	20.51	PASS
Band2	3MHz	16QAM	18900	1	5	20.36	PASS
Band2	3MHz	16QAM	18900	6	0	19.31	PASS

Band2	3MHz	16QAM	19185	1	0	21.30	PASS
Band2	3MHz	16QAM	19185	1	5	20.99	PASS
Band2	3MHz	16QAM	19185	6	0	19.93	PASS
Band2	5MHz	QPSK	18625	1	0	21.28	PASS
Band2	5MHz	QPSK	18625	1	5	21.56	PASS
Band2	5MHz	QPSK	18625	6	0	20.22	PASS
Band2	5MHz	QPSK	18900	1	0	21.69	PASS
Band2	5MHz	QPSK	18900	1	5	21.61	PASS
Band2	5MHz	QPSK	18900	6	0	20.35	PASS
Band2	5MHz	QPSK	19175	1	0	22.43	PASS
Band2	5MHz	QPSK	19175	1	5	22.21	PASS
Band2	5MHz	QPSK	19175	6	0	20.88	PASS
Band2	5MHz	16QAM	18625	1	0	21.78	PASS
Band2	5MHz	16QAM	18625	1	5	21.70	PASS
Band2	5MHz	16QAM	18625	6	0	20.22	PASS
Band2	5MHz	16QAM	18900	1	0	21.84	PASS
Band2	5MHz	16QAM	18900	1	5	21.71	PASS
Band2	5MHz	16QAM	18900	6	0	20.34	PASS
Band2	5MHz	16QAM	19175	1	0	22.49	PASS
Band2	5MHz	16QAM	19175	1	5	21.85	PASS
Band2	5MHz	16QAM	19175	6	0	20.88	PASS
Band2	10MHz	QPSK	18650	1	0	21.68	PASS
Band2	10MHz	QPSK	18650	1	5	21.43	PASS
Band2	10MHz	QPSK	18650	6	0	20.14	PASS
Band2	10MHz	QPSK	18900	1	0	21.81	PASS
Band2	10MHz	QPSK	18900	1	5	21.66	PASS
Band2	10MHz	QPSK	18900	6	0	20.22	PASS
Band2	10MHz	QPSK	19150	1	0	22.20	PASS
Band2	10MHz	QPSK	19150	1	5	21.90	PASS
Band2	10MHz	QPSK	19150	6	0	20.81	PASS
Band2	10MHz	16QAM	18650	1	0	21.63	PASS
Band2	10MHz	16QAM	18650	1	5	21.62	PASS
Band2	10MHz	16QAM	18650	6	0	20.04	PASS
Band2	10MHz	16QAM	18900	1	0	21.72	PASS
Band2	10MHz	16QAM	18900	1	5	21.65	PASS
Band2	10MHz	16QAM	18900	6	0	20.12	PASS
Band2	10MHz	16QAM	19150	1	0	22.30	PASS
Band2	10MHz	16QAM	19150	1	5	22.16	PASS
Band2	10MHz	16QAM	19150	6	0	20.85	PASS
Band2	15MHz	QPSK	18675	1	0	21.45	PASS
Band2	15MHz	QPSK	18675	1	5	21.42	PASS
Band2	15MHz	QPSK	18675	6	0	21.31	PASS
Band2	15MHz	QPSK	18900	1	0	21.59	PASS
Band2	15MHz	QPSK	18900	1	5	21.56	PASS
Band2	15MHz	QPSK	18900	6	0	21.38	PASS

Band2	15MHz	QPSK	19125	1	0	22.29	PASS
Band2	15MHz	QPSK	19125	1	5	22.20	PASS
Band2	15MHz	QPSK	19125	6	0	21.82	PASS
Band2	15MHz	16QAM	18675	1	0	21.46	PASS
Band2	15MHz	16QAM	18675	1	5	21.65	PASS
Band2	15MHz	16QAM	18675	6	0	21.30	PASS
Band2	15MHz	16QAM	18900	1	0	21.77	PASS
Band2	15MHz	16QAM	18900	1	5	21.68	PASS
Band2	15MHz	16QAM	18900	6	0	21.46	PASS
Band2	15MHz	16QAM	19125	1	0	22.40	PASS
Band2	15MHz	16QAM	19125	1	5	22.20	PASS
Band2	15MHz	16QAM	19125	6	0	21.82	PASS
Band2	20MHz	QPSK	18700	1	0	21.40	PASS
Band2	20MHz	QPSK	18700	1	5	21.37	PASS
Band2	20MHz	QPSK	18700	6	0	21.16	PASS
Band2	20MHz	QPSK	18900	1	0	21.66	PASS
Band2	20MHz	QPSK	18900	1	5	21.47	PASS
Band2	20MHz	QPSK	18900	6	0	21.44	PASS
Band2	20MHz	QPSK	19100	1	0	21.95	PASS
Band2	20MHz	QPSK	19100	1	5	22.07	PASS
Band2	20MHz	QPSK	19100	6	0	21.69	PASS
Band2	20MHz	16QAM	18700	1	0	21.66	PASS
Band2	20MHz	16QAM	18700	1	5	21.55	PASS
Band2	20MHz	16QAM	18700	6	0	21.24	PASS
Band2	20MHz	16QAM	18900	1	0	21.78	PASS
Band2	20MHz	16QAM	18900	1	5	21.68	PASS
Band2	20MHz	16QAM	18900	6	0	21.43	PASS
Band2	20MHz	16QAM	19100	1	0	22.07	PASS
Band2	20MHz	16QAM	19100	1	5	22.16	PASS
Band2	20MHz	16QAM	19100	6	0	21.66	PASS
Band4	1.4MHz	QPSK	19957	1	0	21.78	PASS
Band4	1.4MHz	QPSK	19957	1	5	21.83	PASS
Band4	1.4MHz	QPSK	19957	6	0	20.83	PASS
Band4	1.4MHz	QPSK	20175	1	0	21.91	PASS
Band4	1.4MHz	QPSK	20175	1	5	21.96	PASS
Band4	1.4MHz	QPSK	20175	6	0	20.95	PASS
Band4	1.4MHz	QPSK	20393	1	0	21.72	PASS
Band4	1.4MHz	QPSK	20393	1	5	21.77	PASS
Band4	1.4MHz	QPSK	20393	6	0	20.77	PASS
Band4	1.4MHz	16QAM	19957	1	0	21.33	PASS
Band4	1.4MHz	16QAM	19957	1	5	21.30	PASS
Band4	1.4MHz	16QAM	19957	6	0	20.41	PASS
Band4	1.4MHz	16QAM	20175	1	0	21.45	PASS
Band4	1.4MHz	16QAM	20175	1	5	21.42	PASS
Band4	1.4MHz	16QAM	20175	6	0	20.53	PASS

Band4	1.4MHz	16QAM	20393	1	0	21.26	PASS
Band4	1.4MHz	16QAM	20393	1	5	21.23	PASS
Band4	1.4MHz	16QAM	20393	6	0	20.35	PASS
Band4	3MHz	QPSK	19965	1	0	21.44	PASS
Band4	3MHz	QPSK	19965	1	5	21.22	PASS
Band4	3MHz	QPSK	19965	6	0	20.18	PASS
Band4	3MHz	QPSK	20175	1	0	21.56	PASS
Band4	3MHz	QPSK	20175	1	5	21.34	PASS
Band4	3MHz	QPSK	20175	6	0	20.30	PASS
Band4	3MHz	QPSK	20385	1	0	21.37	PASS
Band4	3MHz	QPSK	20385	1	5	21.15	PASS
Band4	3MHz	QPSK	20385	6	0	20.12	PASS
Band4	3MHz	16QAM	19965	1	0	21.39	PASS
Band4	3MHz	16QAM	19965	1	5	21.32	PASS
Band4	3MHz	16QAM	19965	6	0	20.19	PASS
Band4	3MHz	16QAM	20175	1	0	21.51	PASS
Band4	3MHz	16QAM	20175	1	5	21.44	PASS
Band4	3MHz	16QAM	20175	6	0	20.31	PASS
Band4	3MHz	16QAM	20385	1	0	21.32	PASS
Band4	3MHz	16QAM	20385	1	5	21.25	PASS
Band4	3MHz	16QAM	20385	6	0	20.13	PASS
Band4	5MHz	QPSK	19975	1	0	21.44	PASS
Band4	5MHz	QPSK	19975	1	5	21.55	PASS
Band4	5MHz	QPSK	19975	6	0	20.32	PASS
Band4	5MHz	QPSK	20175	1	0	21.56	PASS
Band4	5MHz	QPSK	20175	1	5	21.67	PASS
Band4	5MHz	QPSK	20175	6	0	20.44	PASS
Band4	5MHz	QPSK	20375	1	0	21.37	PASS
Band4	5MHz	QPSK	20375	1	5	21.48	PASS
Band4	5MHz	QPSK	20375	6	0	20.26	PASS
Band4	5MHz	16QAM	19975	1	0	21.43	PASS
Band4	5MHz	16QAM	19975	1	5	21.56	PASS
Band4	5MHz	16QAM	19975	6	0	20.33	PASS
Band4	5MHz	16QAM	20175	1	0	21.55	PASS
Band4	5MHz	16QAM	20175	1	5	21.68	PASS
Band4	5MHz	16QAM	20175	6	0	20.45	PASS
Band4	5MHz	16QAM	20375	1	0	21.36	PASS
Band4	5MHz	16QAM	20375	1	5	21.49	PASS
Band4	5MHz	16QAM	20375	6	0	20.27	PASS
Band4	10MHz	QPSK	20000	1	0	21.75	PASS
Band4	10MHz	QPSK	20000	1	5	21.65	PASS
Band4	10MHz	QPSK	20000	6	0	21.22	PASS
Band4	10MHz	QPSK	20175	1	0	21.88	PASS
Band4	10MHz	QPSK	20175	1	5	21.77	PASS
Band4	10MHz	QPSK	20175	6	0	21.34	PASS

Band4	10MHz	QPSK	20350	1	0	21.69	PASS
Band4	10MHz	QPSK	20350	1	5	21.58	PASS
Band4	10MHz	QPSK	20350	6	0	21.15	PASS
Band4	10MHz	16QAM	20000	1	0	21.61	PASS
Band4	10MHz	16QAM	20000	1	5	21.64	PASS
Band4	10MHz	16QAM	20000	6	0	21.09	PASS
Band4	10MHz	16QAM	20175	1	0	21.73	PASS
Band4	10MHz	16QAM	20175	1	5	21.76	PASS
Band4	10MHz	16QAM	20175	6	0	21.21	PASS
Band4	10MHz	16QAM	20350	1	0	21.54	PASS
Band4	10MHz	16QAM	20350	1	5	21.57	PASS
Band4	10MHz	16QAM	20350	6	0	21.02	PASS
Band4	15MHz	QPSK	20025	1	0	21.79	PASS
Band4	15MHz	QPSK	20025	1	5	21.65	PASS
Band4	15MHz	QPSK	20025	6	0	21.44	PASS
Band4	15MHz	QPSK	20175	1	0	21.92	PASS
Band4	15MHz	QPSK	20175	1	5	21.78	PASS
Band4	15MHz	QPSK	20175	6	0	21.56	PASS
Band4	15MHz	QPSK	20325	1	0	21.73	PASS
Band4	15MHz	QPSK	20325	1	5	21.59	PASS
Band4	15MHz	QPSK	20325	6	0	21.37	PASS
Band4	15MHz	16QAM	20025	1	0	21.79	PASS
Band4	15MHz	16QAM	20025	1	5	21.75	PASS
Band4	15MHz	16QAM	20025	6	0	21.44	PASS
Band4	15MHz	16QAM	20175	1	0	21.92	PASS
Band4	15MHz	16QAM	20175	1	5	21.88	PASS
Band4	15MHz	16QAM	20175	6	0	21.56	PASS
Band4	15MHz	16QAM	20325	1	0	21.73	PASS
Band4	15MHz	16QAM	20325	1	5	21.69	PASS
Band4	15MHz	16QAM	20325	6	0	21.37	PASS
Band4	20MHz	QPSK	20050	1	0	21.78	PASS
Band4	20MHz	QPSK	20050	1	5	21.73	PASS
Band4	20MHz	QPSK	20050	6	0	21.42	PASS
Band4	20MHz	QPSK	20175	1	0	21.91	PASS
Band4	20MHz	QPSK	20175	1	5	21.86	PASS
Band4	20MHz	QPSK	20175	6	0	21.54	PASS
Band4	20MHz	QPSK	20300	1	0	21.72	PASS
Band4	20MHz	QPSK	20300	1	5	21.67	PASS
Band4	20MHz	QPSK	20300	6	0	21.35	PASS
Band4	20MHz	16QAM	20050	1	0	21.85	PASS
Band4	20MHz	16QAM	20050	1	5	21.77	PASS
Band4	20MHz	16QAM	20050	6	0	21.38	PASS
Band4	20MHz	16QAM	20175	1	0	21.98	PASS
Band4	20MHz	16QAM	20175	1	5	21.90	PASS
Band4	20MHz	16QAM	20175	6	0	21.50	PASS

Band4	20MHz	16QAM	20300	1	0	21.79	PASS
Band4	20MHz	16QAM	20300	1	5	21.71	PASS
Band4	20MHz	16QAM	20300	6	0	21.31	PASS
Band5	1.4MHz	QPSK	20407	1	0	21.70	PASS
Band5	1.4MHz	QPSK	20407	1	5	21.60	PASS
Band5	1.4MHz	QPSK	20407	6	0	19.05	PASS
Band5	1.4MHz	QPSK	20525	1	0	22.11	PASS
Band5	1.4MHz	QPSK	20525	1	5	21.89	PASS
Band5	1.4MHz	QPSK	20525	6	0	19.45	PASS
Band5	1.4MHz	QPSK	20643	1	0	21.27	PASS
Band5	1.4MHz	QPSK	20643	1	5	20.97	PASS
Band5	1.4MHz	QPSK	20643	6	0	19.20	PASS
Band5	1.4MHz	16QAM	20407	1	0	20.43	PASS
Band5	1.4MHz	16QAM	20407	1	5	20.37	PASS
Band5	1.4MHz	16QAM	20407	6	0	19.05	PASS
Band5	1.4MHz	16QAM	20525	1	0	20.76	PASS
Band5	1.4MHz	16QAM	20525	1	5	20.56	PASS
Band5	1.4MHz	16QAM	20525	6	0	19.44	PASS
Band5	1.4MHz	16QAM	20643	1	0	20.62	PASS
Band5	1.4MHz	16QAM	20643	1	5	20.52	PASS
Band5	1.4MHz	16QAM	20643	6	0	19.17	PASS
Band5	3MHz	QPSK	20415	1	0	21.02	PASS
Band5	3MHz	QPSK	20415	1	5	21.11	PASS
Band5	3MHz	QPSK	20415	6	0	18.95	PASS
Band5	3MHz	QPSK	20525	1	0	21.90	PASS
Band5	3MHz	QPSK	20525	1	5	21.57	PASS
Band5	3MHz	QPSK	20525	6	0	19.33	PASS
Band5	3MHz	QPSK	20635	1	0	21.08	PASS
Band5	3MHz	QPSK	20635	1	5	21.03	PASS
Band5	3MHz	QPSK	20635	6	0	19.14	PASS
Band5	3MHz	16QAM	20415	1	0	20.55	PASS
Band5	3MHz	16QAM	20415	1	5	20.59	PASS
Band5	3MHz	16QAM	20415	6	0	18.95	PASS
Band5	3MHz	16QAM	20525	1	0	20.42	PASS
Band5	3MHz	16QAM	20525	1	5	20.46	PASS
Band5	3MHz	16QAM	20525	6	0	19.43	PASS
Band5	3MHz	16QAM	20635	1	0	20.50	PASS
Band5	3MHz	16QAM	20635	1	5	20.66	PASS
Band5	3MHz	16QAM	20635	6	0	19.06	PASS
Band5	5MHz	QPSK	20425	1	0	21.57	PASS
Band5	5MHz	QPSK	20425	1	5	21.67	PASS
Band5	5MHz	QPSK	20425	6	0	20.17	PASS
Band5	5MHz	QPSK	20525	1	0	21.74	PASS
Band5	5MHz	QPSK	20525	1	5	21.75	PASS
Band5	5MHz	QPSK	20525	6	0	20.24	PASS

Band5	5MHz	QPSK	20625	1	0	21.78	PASS
Band5	5MHz	QPSK	20625	1	5	21.39	PASS
Band5	5MHz	QPSK	20625	6	0	20.23	PASS
Band5	5MHz	16QAM	20425	1	0	21.84	PASS
Band5	5MHz	16QAM	20425	1	5	21.81	PASS
Band5	5MHz	16QAM	20425	6	0	20.17	PASS
Band5	5MHz	16QAM	20525	1	0	22.00	PASS
Band5	5MHz	16QAM	20525	1	5	21.91	PASS
Band5	5MHz	16QAM	20525	6	0	20.28	PASS
Band5	5MHz	16QAM	20625	1	0	21.89	PASS
Band5	5MHz	16QAM	20625	1	5	21.62	PASS
Band5	5MHz	16QAM	20625	6	0	20.18	PASS
Band5	10MHz	QPSK	20450	1	0	21.75	PASS
Band5	10MHz	QPSK	20450	1	5	21.58	PASS
Band5	10MHz	QPSK	20450	6	0	20.14	PASS
Band5	10MHz	QPSK	20525	1	0	21.58	PASS
Band5	10MHz	QPSK	20525	1	5	21.51	PASS
Band5	10MHz	QPSK	20525	6	0	20.18	PASS
Band5	10MHz	QPSK	20600	1	0	21.66	PASS
Band5	10MHz	QPSK	20600	1	5	21.37	PASS
Band5	10MHz	QPSK	20600	6	0	20.21	PASS
Band5	10MHz	16QAM	20450	1	0	21.64	PASS
Band5	10MHz	16QAM	20450	1	5	21.67	PASS
Band5	10MHz	16QAM	20450	6	0	20.07	PASS
Band5	10MHz	16QAM	20525	1	0	21.55	PASS
Band5	10MHz	16QAM	20525	1	5	21.76	PASS
Band5	10MHz	16QAM	20525	6	0	20.09	PASS
Band5	10MHz	16QAM	20600	1	0	21.83	PASS
Band5	10MHz	16QAM	20600	1	5	21.66	PASS
Band5	10MHz	16QAM	20600	6	0	20.15	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	8.72	<=13	PASS
Band12	1.4MHz	QPSK	23017	6	0	11.64	<=13	PASS
Band12	1.4MHz	QPSK	23095	1	0	9.43	<=13	PASS
Band12	1.4MHz	QPSK	23095	6	0	9.00	<=13	PASS
Band12	1.4MHz	QPSK	23173	1	0	9.38	<=13	PASS
Band12	1.4MHz	QPSK	23173	6	0	9.59	<=13	PASS
Band12	1.4MHz	16QAM	23017	1	0	9.34	<=13	PASS
Band12	1.4MHz	16QAM	23017	6	0	9.99	<=13	PASS
Band12	1.4MHz	16QAM	23095	1	0	11.80	<=13	PASS
Band12	1.4MHz	16QAM	23095	6	0	10.97	<=13	PASS
Band12	1.4MHz	16QAM	23173	1	0	9.56	<=13	PASS
Band12	1.4MHz	16QAM	23173	6	0	9.77	<=13	PASS
Band12	3MHz	QPSK	23025	1	0	8.86	<=13	PASS
Band12	3MHz	QPSK	23025	6	0	10.57	<=13	PASS
Band12	3MHz	QPSK	23095	1	0	8.97	<=13	PASS
Band12	3MHz	QPSK	23095	6	0	9.29	<=13	PASS
Band12	3MHz	QPSK	23165	1	0	9.06	<=13	PASS
Band12	3MHz	QPSK	23165	6	0	9.14	<=13	PASS
Band12	3MHz	16QAM	23025	1	0	12.13	<=13	PASS
Band12	3MHz	16QAM	23025	6	0	10.97	<=13	PASS
Band12	3MHz	16QAM	23095	1	0	8.99	<=13	PASS
Band12	3MHz	16QAM	23095	6	0	8.84	<=13	PASS
Band12	3MHz	16QAM	23165	1	0	9.23	<=13	PASS
Band12	3MHz	16QAM	23165	6	0	8.94	<=13	PASS
Band12	5MHz	QPSK	23035	1	0	10.90	<=13	PASS
Band12	5MHz	QPSK	23035	6	0	12.62	<=13	PASS
Band12	5MHz	QPSK	23095	1	0	8.00	<=13	PASS
Band12	5MHz	QPSK	23095	6	0	9.05	<=13	PASS
Band12	5MHz	QPSK	23155	1	0	9.17	<=13	PASS
Band12	5MHz	QPSK	23155	6	0	9.04	<=13	PASS
Band12	5MHz	16QAM	23035	1	0	11.43	<=13	PASS
Band12	5MHz	16QAM	23035	6	0	11.32	<=13	PASS
Band12	5MHz	16QAM	23095	1	0	9.87	<=13	PASS
Band12	5MHz	16QAM	23095	6	0	8.87	<=13	PASS
Band12	5MHz	16QAM	23155	1	0	9.72	<=13	PASS
Band12	5MHz	16QAM	23155	6	0	11.07	<=13	PASS
Band12	10MHz	QPSK	23060	1	0	9.38	<=13	PASS
Band12	10MHz	QPSK	23060	6	0	10.39	<=13	PASS
Band12	10MHz	QPSK	23095	1	0	8.92	<=13	PASS

Band12	10MHz	QPSK	23095	6	0	9.56	<=13	PASS
Band12	10MHz	QPSK	23130	1	5	8.30	<=13	PASS
Band12	10MHz	QPSK	23130	6	0	8.97	<=13	PASS
Band12	10MHz	16QAM	23060	1	0	10.54	<=13	PASS
Band12	10MHz	16QAM	23060	6	0	11.71	<=13	PASS
Band12	10MHz	16QAM	23095	1	0	9.44	<=13	PASS
Band12	10MHz	16QAM	23095	6	0	9.72	<=13	PASS
Band12	10MHz	16QAM	23130	1	5	9.31	<=13	PASS
Band12	10MHz	16QAM	23130	6	0	9.69	<=13	PASS
Band13	5MHz	QPSK	23205	1	0	9.64	<=13	PASS
Band13	5MHz	QPSK	23205	6	0	8.99	<=13	PASS
Band13	5MHz	QPSK	23230	1	0	9.04	<=13	PASS
Band13	5MHz	QPSK	23230	6	0	11.42	<=13	PASS
Band13	5MHz	QPSK	23255	1	0	8.69	<=13	PASS
Band13	5MHz	QPSK	23255	6	0	9.22	<=13	PASS
Band13	5MHz	16QAM	23205	1	0	8.92	<=13	PASS
Band13	5MHz	16QAM	23205	6	0	11.56	<=13	PASS
Band13	5MHz	16QAM	23230	1	0	11.86	<=13	PASS
Band13	5MHz	16QAM	23230	6	0	9.04	<=13	PASS
Band13	5MHz	16QAM	23255	1	0	9.40	<=13	PASS
Band13	5MHz	16QAM	23255	6	0	9.29	<=13	PASS
Band13	10MHz	QPSK	23230	1	0	8.18	<=13	PASS
Band13	10MHz	QPSK	23230	6	0	11.45	<=13	PASS
Band13	10MHz	16QAM	23230	1	0	9.46	<=13	PASS
Band13	10MHz	16QAM	23230	6	0	9.35	<=13	PASS
Band2	1.4MHz	QPSK	18607	1	0	9.01	<=13	PASS
Band2	1.4MHz	QPSK	18607	6	0	11.26	<=13	PASS
Band2	1.4MHz	QPSK	18900	1	0	8.44	<=13	PASS
Band2	1.4MHz	QPSK	18900	6	0	10.79	<=13	PASS
Band2	1.4MHz	QPSK	19193	1	0	7.87	<=13	PASS
Band2	1.4MHz	QPSK	19193	6	0	11.36	<=13	PASS
Band2	1.4MHz	16QAM	18607	1	0	8.81	<=13	PASS
Band2	1.4MHz	16QAM	18607	6	0	9.07	<=13	PASS
Band2	1.4MHz	16QAM	18900	1	0	9.38	<=13	PASS
Band2	1.4MHz	16QAM	18900	6	0	8.75	<=13	PASS
Band2	1.4MHz	16QAM	19193	1	0	10.03	<=13	PASS
Band2	1.4MHz	16QAM	19193	6	0	9.00	<=13	PASS
Band2	3MHz	QPSK	18615	1	0	9.33	<=13	PASS
Band2	3MHz	QPSK	18615	6	0	11.07	<=13	PASS
Band2	3MHz	QPSK	18900	1	0	10.08	<=13	PASS
Band2	3MHz	QPSK	18900	6	0	9.48	<=13	PASS
Band2	3MHz	QPSK	19185	1	0	9.79	<=13	PASS
Band2	3MHz	QPSK	19185	6	0	11.80	<=13	PASS
Band2	3MHz	16QAM	18615	1	0	10.48	<=13	PASS
Band2	3MHz	16QAM	18615	6	0	9.17	<=13	PASS

Band2	3MHz	16QAM	18900	1	0	9.95	<=13	PASS
Band2	3MHz	16QAM	18900	6	0	9.31	<=13	PASS
Band2	3MHz	16QAM	19185	1	0	9.94	<=13	PASS
Band2	3MHz	16QAM	19185	6	0	11.09	<=13	PASS
Band2	5MHz	QPSK	18625	1	0	9.02	<=13	PASS
Band2	5MHz	QPSK	18625	6	0	7.99	<=13	PASS
Band2	5MHz	QPSK	18900	1	0	8.59	<=13	PASS
Band2	5MHz	QPSK	18900	6	0	11.36	<=13	PASS
Band2	5MHz	QPSK	19175	1	0	8.16	<=13	PASS
Band2	5MHz	QPSK	19175	6	0	9.15	<=13	PASS
Band2	5MHz	16QAM	18625	1	0	9.71	<=13	PASS
Band2	5MHz	16QAM	18625	6	0	11.80	<=13	PASS
Band2	5MHz	16QAM	18900	1	0	8.30	<=13	PASS
Band2	5MHz	16QAM	18900	6	0	8.14	<=13	PASS
Band2	5MHz	16QAM	19175	1	0	9.36	<=13	PASS
Band2	5MHz	16QAM	19175	6	0	11.57	<=13	PASS
Band2	10MHz	QPSK	18650	1	0	9.33	<=13	PASS
Band2	10MHz	QPSK	18650	6	0	10.27	<=13	PASS
Band2	10MHz	QPSK	18900	1	0	8.92	<=13	PASS
Band2	10MHz	QPSK	18900	6	0	9.29	<=13	PASS
Band2	10MHz	QPSK	19150	1	0	8.30	<=13	PASS
Band2	10MHz	QPSK	19150	6	0	8.97	<=13	PASS
Band2	10MHz	16QAM	18650	1	0	11.95	<=13	PASS
Band2	10MHz	16QAM	18650	6	0	8.57	<=13	PASS
Band2	10MHz	16QAM	18900	1	0	9.34	<=13	PASS
Band2	10MHz	16QAM	18900	6	0	9.22	<=13	PASS
Band2	10MHz	16QAM	19150	1	0	10.06	<=13	PASS
Band2	10MHz	16QAM	19150	6	0	8.39	<=13	PASS
Band2	15MHz	QPSK	18675	1	0	7.15	<=13	PASS
Band2	15MHz	QPSK	18675	6	0	8.81	<=13	PASS
Band2	15MHz	QPSK	18900	1	0	11.93	<=13	PASS
Band2	15MHz	QPSK	18900	6	0	8.15	<=13	PASS
Band2	15MHz	QPSK	19125	1	0	8.82	<=13	PASS
Band2	15MHz	QPSK	19125	6	0	8.53	<=13	PASS
Band2	15MHz	16QAM	18675	1	0	9.44	<=13	PASS
Band2	15MHz	16QAM	18675	6	0	8.68	<=13	PASS
Band2	15MHz	16QAM	18900	1	0	8.27	<=13	PASS
Band2	15MHz	16QAM	18900	6	0	8.76	<=13	PASS
Band2	15MHz	16QAM	19125	1	0	9.30	<=13	PASS
Band2	15MHz	16QAM	19125	6	0	8.24	<=13	PASS
Band2	20MHz	QPSK	18700	1	0	8.02	<=13	PASS
Band2	20MHz	QPSK	18700	6	0	9.29	<=13	PASS
Band2	20MHz	QPSK	18900	1	0	7.70	<=13	PASS
Band2	20MHz	QPSK	18900	6	0	9.37	<=13	PASS
Band2	20MHz	QPSK	19100	1	0	9.17	<=13	PASS

Band2	20MHz	QPSK	19100	6	0	9.23	<=13	PASS
Band2	20MHz	16QAM	18700	1	0	11.73	<=13	PASS
Band2	20MHz	16QAM	18700	6	0	7.96	<=13	PASS
Band2	20MHz	16QAM	18900	1	0	8.00	<=13	PASS
Band2	20MHz	16QAM	18900	6	0	11.08	<=13	PASS
Band2	20MHz	16QAM	19100	1	0	9.12	<=13	PASS
Band2	20MHz	16QAM	19100	6	0	11.59	<=13	PASS
Band4	1.4MHz	QPSK	19957	1	0	8.74	<=13	PASS
Band4	1.4MHz	QPSK	19957	6	0	11.37	<=13	PASS
Band4	1.4MHz	QPSK	20175	1	0	11.29	<=13	PASS
Band4	1.4MHz	QPSK	20175	6	0	10.86	<=13	PASS
Band4	1.4MHz	QPSK	20393	1	0	8.16	<=13	PASS
Band4	1.4MHz	QPSK	20393	6	0	9.42	<=13	PASS
Band4	1.4MHz	16QAM	19957	1	0	11.28	<=13	PASS
Band4	1.4MHz	16QAM	19957	6	0	9.53	<=13	PASS
Band4	1.4MHz	16QAM	20175	1	0	11.32	<=13	PASS
Band4	1.4MHz	16QAM	20175	6	0	11.08	<=13	PASS
Band4	1.4MHz	16QAM	20393	1	0	9.82	<=13	PASS
Band4	1.4MHz	16QAM	20393	6	0	11.43	<=13	PASS
Band4	3MHz	QPSK	19965	1	0	9.53	<=13	PASS
Band4	3MHz	QPSK	19965	6	0	11.41	<=13	PASS
Band4	3MHz	QPSK	20175	1	0	11.77	<=13	PASS
Band4	3MHz	QPSK	20175	6	0	11.42	<=13	PASS
Band4	3MHz	QPSK	20385	1	0	9.08	<=13	PASS
Band4	3MHz	QPSK	20385	6	0	12.54	<=13	PASS
Band4	3MHz	16QAM	19965	1	0	9.27	<=13	PASS
Band4	3MHz	16QAM	19965	6	0	9.56	<=13	PASS
Band4	3MHz	16QAM	20175	1	0	9.90	<=13	PASS
Band4	3MHz	16QAM	20175	6	0	9.04	<=13	PASS
Band4	3MHz	16QAM	20385	1	0	11.60	<=13	PASS
Band4	3MHz	16QAM	20385	6	0	9.38	<=13	PASS
Band4	5MHz	QPSK	19975	1	0	8.30	<=13	PASS
Band4	5MHz	QPSK	19975	6	0	11.02	<=13	PASS
Band4	5MHz	QPSK	20175	1	0	8.90	<=13	PASS
Band4	5MHz	QPSK	20175	6	0	10.78	<=13	PASS
Band4	5MHz	QPSK	20375	1	0	9.07	<=13	PASS
Band4	5MHz	QPSK	20375	6	0	11.09	<=13	PASS
Band4	5MHz	16QAM	19975	1	0	8.72	<=13	PASS
Band4	5MHz	16QAM	19975	6	0	10.81	<=13	PASS
Band4	5MHz	16QAM	20175	1	0	9.24	<=13	PASS
Band4	5MHz	16QAM	20175	6	0	10.84	<=13	PASS
Band4	5MHz	16QAM	20375	1	0	9.30	<=13	PASS
Band4	5MHz	16QAM	20375	6	0	9.23	<=13	PASS
Band4	10MHz	QPSK	20000	1	0	9.78	<=13	PASS
Band4	10MHz	QPSK	20000	6	0	9.53	<=13	PASS

Band4	10MHz	QPSK	20175	1	0	8.89	<=13	PASS
Band4	10MHz	QPSK	20175	6	0	9.53	<=13	PASS
Band4	10MHz	QPSK	20350	1	0	9.31	<=13	PASS
Band4	10MHz	QPSK	20350	6	0	9.18	<=13	PASS
Band4	10MHz	16QAM	20000	1	0	8.48	<=13	PASS
Band4	10MHz	16QAM	20000	6	0	9.46	<=13	PASS
Band4	10MHz	16QAM	20175	1	0	8.84	<=13	PASS
Band4	10MHz	16QAM	20175	6	0	9.08	<=13	PASS
Band4	10MHz	16QAM	20350	1	0	11.45	<=13	PASS
Band4	10MHz	16QAM	20350	6	0	8.96	<=13	PASS
Band4	15MHz	QPSK	20025	1	0	8.20	<=13	PASS
Band4	15MHz	QPSK	20025	6	0	8.22	<=13	PASS
Band4	15MHz	QPSK	20175	1	0	9.29	<=13	PASS
Band4	15MHz	QPSK	20175	6	0	9.39	<=13	PASS
Band4	15MHz	QPSK	20325	1	0	8.93	<=13	PASS
Band4	15MHz	QPSK	20325	6	0	8.48	<=13	PASS
Band4	15MHz	16QAM	20025	1	0	11.89	<=13	PASS
Band4	15MHz	16QAM	20025	6	0	9.16	<=13	PASS
Band4	15MHz	16QAM	20175	1	0	11.83	<=13	PASS
Band4	15MHz	16QAM	20175	6	0	9.28	<=13	PASS
Band4	15MHz	16QAM	20325	1	0	9.61	<=13	PASS
Band4	15MHz	16QAM	20325	6	0	9.23	<=13	PASS
Band4	20MHz	QPSK	20050	1	0	9.26	<=13	PASS
Band4	20MHz	QPSK	20050	6	0	8.95	<=13	PASS
Band4	20MHz	QPSK	20175	1	0	8.41	<=13	PASS
Band4	20MHz	QPSK	20175	6	0	8.56	<=13	PASS
Band4	20MHz	QPSK	20300	1	0	8.32	<=13	PASS
Band4	20MHz	QPSK	20300	6	0	11.88	<=13	PASS
Band4	20MHz	16QAM	20050	1	0	8.70	<=13	PASS
Band4	20MHz	16QAM	20050	6	0	9.31	<=13	PASS
Band4	20MHz	16QAM	20175	1	0	9.81	<=13	PASS
Band4	20MHz	16QAM	20175	6	0	8.50	<=13	PASS
Band4	20MHz	16QAM	20300	1	0	11.98	<=13	PASS
Band4	20MHz	16QAM	20300	6	0	9.12	<=13	PASS
Band5	1.4MHz	QPSK	20407	1	0	8.85	<=13	PASS
Band5	1.4MHz	QPSK	20407	6	0	11.42	<=13	PASS
Band5	1.4MHz	QPSK	20525	1	0	11.10	<=13	PASS
Band5	1.4MHz	QPSK	20525	6	0	9.37	<=13	PASS
Band5	1.4MHz	QPSK	20643	1	0	8.85	<=13	PASS
Band5	1.4MHz	QPSK	20643	6	0	8.77	<=13	PASS
Band5	1.4MHz	16QAM	20407	1	0	9.51	<=13	PASS
Band5	1.4MHz	16QAM	20407	6	0	8.70	<=13	PASS
Band5	1.4MHz	16QAM	20525	1	0	9.54	<=13	PASS
Band5	1.4MHz	16QAM	20525	6	0	9.36	<=13	PASS
Band5	1.4MHz	16QAM	20643	1	0	9.57	<=13	PASS

Band5	1.4MHz	16QAM	20643	6	0	9.06	<=13	PASS
Band5	3MHz	QPSK	20415	1	0	11.61	<=13	PASS
Band5	3MHz	QPSK	20415	6	0	9.08	<=13	PASS
Band5	3MHz	QPSK	20525	1	0	9.11	<=13	PASS
Band5	3MHz	QPSK	20525	6	0	9.04	<=13	PASS
Band5	3MHz	QPSK	20635	1	0	9.00	<=13	PASS
Band5	3MHz	QPSK	20635	6	0	9.21	<=13	PASS
Band5	3MHz	16QAM	20415	1	0	9.22	<=13	PASS
Band5	3MHz	16QAM	20415	6	0	11.16	<=13	PASS
Band5	3MHz	16QAM	20525	1	0	9.51	<=13	PASS
Band5	3MHz	16QAM	20525	6	0	8.31	<=13	PASS
Band5	3MHz	16QAM	20635	1	0	10.15	<=13	PASS
Band5	3MHz	16QAM	20635	6	0	9.32	<=13	PASS
Band5	5MHz	QPSK	20425	1	0	9.53	<=13	PASS
Band5	5MHz	QPSK	20425	6	0	9.07	<=13	PASS
Band5	5MHz	QPSK	20525	1	0	9.41	<=13	PASS
Band5	5MHz	QPSK	20525	6	0	9.91	<=13	PASS
Band5	5MHz	QPSK	20625	1	0	8.76	<=13	PASS
Band5	5MHz	QPSK	20625	6	0	9.13	<=13	PASS
Band5	5MHz	16QAM	20425	1	0	11.69	<=13	PASS
Band5	5MHz	16QAM	20425	6	0	9.41	<=13	PASS
Band5	5MHz	16QAM	20525	1	0	12.16	<=13	PASS
Band5	5MHz	16QAM	20525	6	0	9.57	<=13	PASS
Band5	5MHz	16QAM	20625	1	0	8.91	<=13	PASS
Band5	5MHz	16QAM	20625	6	0	9.88	<=13	PASS
Band5	10MHz	QPSK	20450	1	0	9.35	<=13	PASS
Band5	10MHz	QPSK	20450	6	0	9.23	<=13	PASS
Band5	10MHz	QPSK	20525	1	0	9.03	<=13	PASS
Band5	10MHz	QPSK	20525	6	0	9.03	<=13	PASS
Band5	10MHz	QPSK	20600	1	0	7.88	<=13	PASS
Band5	10MHz	QPSK	20600	6	0	9.04	<=13	PASS
Band5	10MHz	16QAM	20450	1	0	10.84	<=13	PASS
Band5	10MHz	16QAM	20450	6	0	9.59	<=13	PASS
Band5	10MHz	16QAM	20525	1	0	9.09	<=13	PASS
Band5	10MHz	16QAM	20525	6	0	11.30	<=13	PASS
Band5	10MHz	16QAM	20600	1	0	8.99	<=13	PASS
Band5	10MHz	16QAM	20600	6	0	9.59	<=13	PASS

8.3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

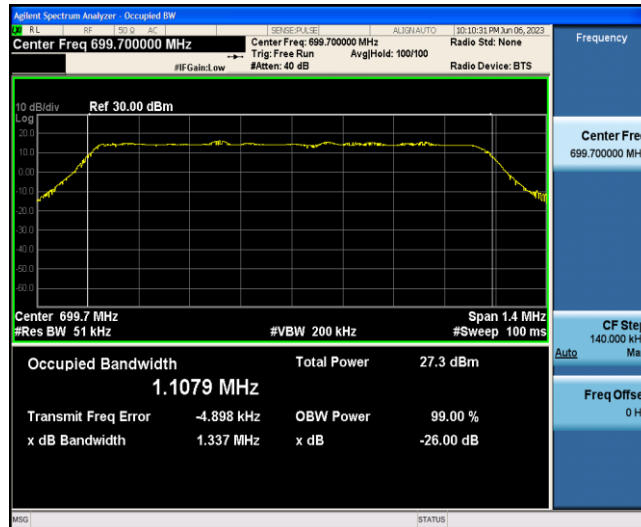
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6	0	1.1079	1.337	PASS
Band12	1.4MHz	QPSK	23095	6	0	1.1213	1.351	PASS
Band12	1.4MHz	QPSK	23173	6	0	1.1161	1.372	PASS
Band12	1.4MHz	16QAM	23017	6	0	1.1072	1.316	PASS
Band12	1.4MHz	16QAM	23095	6	0	1.1204	1.350	PASS
Band12	1.4MHz	16QAM	23173	6	0	1.1177	1.395	PASS
Band12	3MHz	QPSK	23025	6	0	1.1140	1.369	PASS
Band12	3MHz	QPSK	23095	6	0	1.1153	1.320	PASS
Band12	3MHz	QPSK	23165	6	0	1.1133	1.351	PASS
Band12	3MHz	16QAM	23025	6	0	1.1133	1.368	PASS
Band12	3MHz	16QAM	23095	6	0	1.1138	1.320	PASS
Band12	3MHz	16QAM	23165	6	0	1.1197	1.352	PASS
Band12	5MHz	QPSK	23035	6	0	1.1216	1.337	PASS
Band12	5MHz	QPSK	23095	6	0	1.1100	1.384	PASS
Band12	5MHz	QPSK	23155	6	0	1.1228	1.353	PASS
Band12	5MHz	16QAM	23035	6	0	1.1225	1.338	PASS
Band12	5MHz	16QAM	23095	6	0	1.1113	1.442	PASS
Band12	5MHz	16QAM	23155	6	0	1.1252	1.349	PASS
Band12	10MHz	QPSK	23060	6	0	1.1186	1.322	PASS
Band12	10MHz	QPSK	23095	6	0	1.1224	1.452	PASS
Band12	10MHz	QPSK	23130	6	0	1.1283	1.339	PASS
Band12	10MHz	16QAM	23060	6	0	1.1205	1.324	PASS
Band12	10MHz	16QAM	23095	6	0	1.1259	1.384	PASS
Band12	10MHz	16QAM	23130	6	0	1.1281	1.340	PASS
Band13	5MHz	QPSK	23205	6	0	1.1114	1.304	PASS
Band13	5MHz	QPSK	23230	6	0	1.1221	1.334	PASS
Band13	5MHz	QPSK	23255	6	0	1.1095	1.368	PASS
Band13	5MHz	16QAM	23205	6	0	1.1110	1.310	PASS
Band13	5MHz	16QAM	23230	6	0	1.1234	1.332	PASS
Band13	5MHz	16QAM	23255	6	0	1.1110	1.421	PASS
Band13	10MHz	QPSK	23230	6	0	1.1176	1.325	PASS
Band13	10MHz	16QAM	23230	6	0	1.1150	1.328	PASS
Band2	1.4MHz	QPSK	18607	6	0	1.1077	1.364	PASS
Band2	1.4MHz	QPSK	18900	6	0	1.1069	1.336	PASS
Band2	1.4MHz	QPSK	19193	6	0	1.1200	1.337	PASS
Band2	1.4MHz	16QAM	18607	6	0	1.1063	1.365	PASS
Band2	1.4MHz	16QAM	18900	6	0	1.1070	1.337	PASS

Band2	1.4MHz	16QAM	19193	6	0	1.1197	1.355	PASS
Band2	3MHz	QPSK	18615	6	0	1.1152	1.355	PASS
Band2	3MHz	QPSK	18900	6	0	1.1137	1.311	PASS
Band2	3MHz	QPSK	19185	6	0	1.1213	1.338	PASS
Band2	3MHz	16QAM	18615	6	0	1.1153	1.372	PASS
Band2	3MHz	16QAM	18900	6	0	1.1123	1.334	PASS
Band2	3MHz	16QAM	19185	6	0	1.1202	1.330	PASS
Band2	5MHz	QPSK	18625	6	0	1.1197	1.339	PASS
Band2	5MHz	QPSK	18900	6	0	1.1070	1.376	PASS
Band2	5MHz	QPSK	19175	6	0	1.1261	1.350	PASS
Band2	5MHz	16QAM	18625	6	0	1.1204	1.340	PASS
Band2	5MHz	16QAM	18900	6	0	1.1125	1.369	PASS
Band2	5MHz	16QAM	19175	6	0	1.1258	1.346	PASS
Band2	10MHz	QPSK	18650	6	0	1.1158	1.323	PASS
Band2	10MHz	QPSK	18900	6	0	1.1280	1.374	PASS
Band2	10MHz	QPSK	19150	6	0	1.1253	1.338	PASS
Band2	10MHz	16QAM	18650	6	0	1.1222	1.318	PASS
Band2	10MHz	16QAM	18900	6	0	1.1261	1.367	PASS
Band2	10MHz	16QAM	19150	6	0	1.1292	1.349	PASS
Band2	15MHz	QPSK	18675	6	0	1.1397	1.343	PASS
Band2	15MHz	QPSK	18900	6	0	1.1317	1.384	PASS
Band2	15MHz	QPSK	19125	6	0	1.1275	1.370	PASS
Band2	15MHz	16QAM	18675	6	0	1.1383	1.364	PASS
Band2	15MHz	16QAM	18900	6	0	1.1249	1.377	PASS
Band2	15MHz	16QAM	19125	6	0	1.1274	1.381	PASS
Band2	20MHz	QPSK	18700	6	0	1.1343	1.368	PASS
Band2	20MHz	QPSK	18900	6	0	1.1150	1.456	PASS
Band2	20MHz	QPSK	19100	6	0	1.1302	1.355	PASS
Band2	20MHz	16QAM	18700	6	0	1.1326	1.363	PASS
Band2	20MHz	16QAM	18900	6	0	1.1216	1.361	PASS
Band2	20MHz	16QAM	19100	6	0	1.1371	1.372	PASS
Band4	1.4MHz	QPSK	19957	6	0	1.1079	1.361	PASS
Band4	1.4MHz	QPSK	20175	6	0	1.1074	1.361	PASS
Band4	1.4MHz	QPSK	20393	6	0	1.1079	1.313	PASS
Band4	1.4MHz	16QAM	19957	6	0	1.1084	1.359	PASS
Band4	1.4MHz	16QAM	20175	6	0	1.1057	1.325	PASS
Band4	1.4MHz	16QAM	20393	6	0	1.1065	1.337	PASS
Band4	3MHz	QPSK	19965	6	0	1.1166	1.386	PASS
Band4	3MHz	QPSK	20175	6	0	1.1150	1.326	PASS
Band4	3MHz	QPSK	20385	6	0	1.1201	1.324	PASS
Band4	3MHz	16QAM	19965	6	0	1.1171	1.385	PASS
Band4	3MHz	16QAM	20175	6	0	1.1146	1.363	PASS
Band4	3MHz	16QAM	20385	6	0	1.1205	1.328	PASS
Band4	5MHz	QPSK	19975	6	0	1.1219	1.336	PASS
Band4	5MHz	QPSK	20175	6	0	1.1124	1.417	PASS

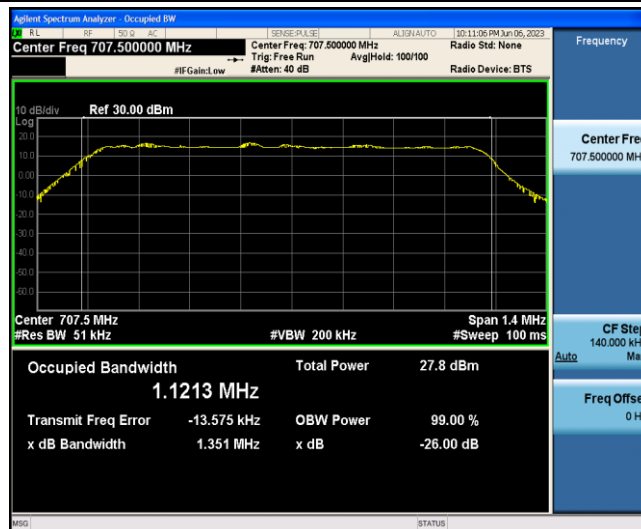
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Band4	5MHz	16QAM	19975	6	0	1.1224	1.338	PASS
Band4	5MHz	16QAM	20175	6	0	1.1118	1.379	PASS
Band4	5MHz	16QAM	20375	6	0	1.1245	1.345	PASS
Band4	10MHz	QPSK	20000	6	0	1.1198	1.335	PASS
Band4	10MHz	QPSK	20175	6	0	1.1257	1.437	PASS
Band4	10MHz	QPSK	20350	6	0	1.1296	1.333	PASS
Band4	10MHz	16QAM	20000	6	0	1.1234	1.321	PASS
Band4	10MHz	16QAM	20175	6	0	1.1288	1.386	PASS
Band4	10MHz	16QAM	20350	6	0	1.1306	1.336	PASS
Band4	15MHz	QPSK	20025	6	0	1.1430	1.358	PASS
Band4	15MHz	QPSK	20175	6	0	1.1415	1.431	PASS
Band4	15MHz	QPSK	20325	6	0	1.1278	1.345	PASS
Band4	15MHz	16QAM	20025	6	0	1.1319	1.444	PASS
Band4	15MHz	16QAM	20175	6	0	1.1245	1.379	PASS
Band4	15MHz	16QAM	20325	6	0	1.1299	1.354	PASS
Band4	20MHz	QPSK	20050	6	0	1.1302	1.444	PASS
Band4	20MHz	QPSK	20175	6	0	1.1193	1.332	PASS
Band4	20MHz	QPSK	20300	6	0	1.1310	1.350	PASS
Band4	20MHz	16QAM	20050	6	0	1.1292	1.350	PASS
Band4	20MHz	16QAM	20175	6	0	1.1137	1.338	PASS
Band4	20MHz	16QAM	20300	6	0	1.1372	1.362	PASS
Band5	1.4MHz	QPSK	20407	6	0	1.1083	1.370	PASS
Band5	1.4MHz	QPSK	20525	6	0	1.1071	1.317	PASS
Band5	1.4MHz	QPSK	20643	6	0	1.1218	1.349	PASS
Band5	1.4MHz	16QAM	20407	6	0	1.1097	1.366	PASS
Band5	1.4MHz	16QAM	20525	6	0	1.1082	1.342	PASS
Band5	1.4MHz	16QAM	20643	6	0	1.1207	1.350	PASS
Band5	3MHz	QPSK	20415	6	0	1.1159	1.352	PASS
Band5	3MHz	QPSK	20525	6	0	1.1166	1.324	PASS
Band5	3MHz	QPSK	20635	6	0	1.1237	1.419	PASS
Band5	3MHz	16QAM	20415	6	0	1.1162	1.369	PASS
Band5	3MHz	16QAM	20525	6	0	1.1142	1.324	PASS
Band5	3MHz	16QAM	20635	6	0	1.1210	1.426	PASS
Band5	5MHz	QPSK	20425	6	0	1.1188	1.341	PASS
Band5	5MHz	QPSK	20525	6	0	1.1085	1.383	PASS
Band5	5MHz	QPSK	20625	6	0	1.1268	1.351	PASS
Band5	5MHz	16QAM	20425	6	0	1.1217	1.336	PASS
Band5	5MHz	16QAM	20525	6	0	1.1099	1.375	PASS
Band5	5MHz	16QAM	20625	6	0	1.1248	1.351	PASS
Band5	10MHz	QPSK	20450	6	0	1.1220	1.328	PASS
Band5	10MHz	QPSK	20525	6	0	1.1252	1.388	PASS
Band5	10MHz	QPSK	20600	6	0	1.1284	1.339	PASS
Band5	10MHz	16QAM	20450	6	0	1.1151	1.333	PASS
Band5	10MHz	16QAM	20525	6	0	1.1257	1.390	PASS

Band5	10MHz	16QAM	20600	6	0	1.1274	1.333	PASS
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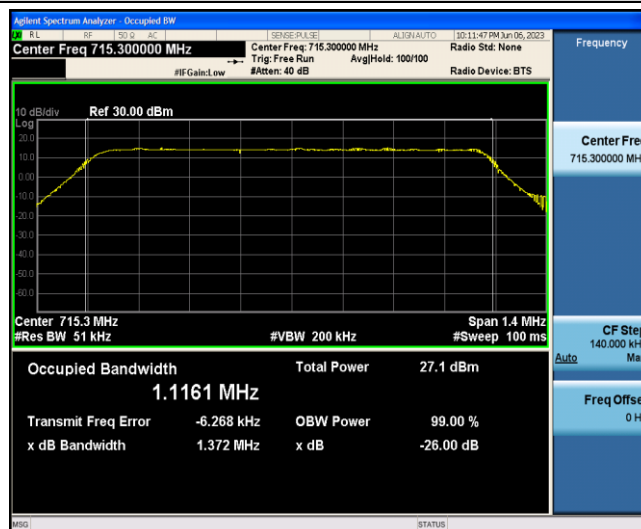
Test Graphs



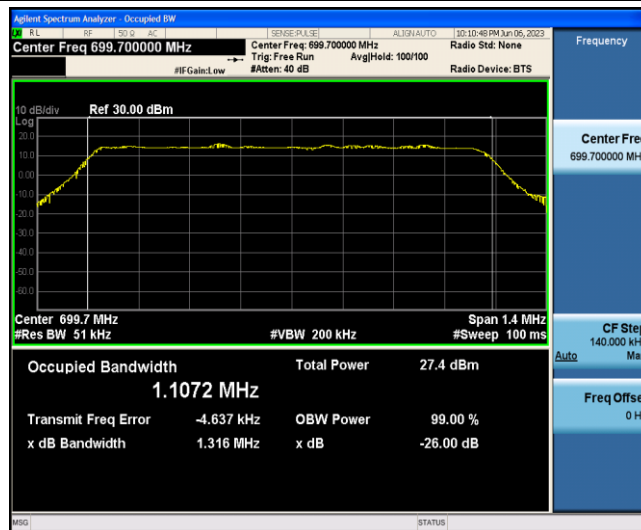
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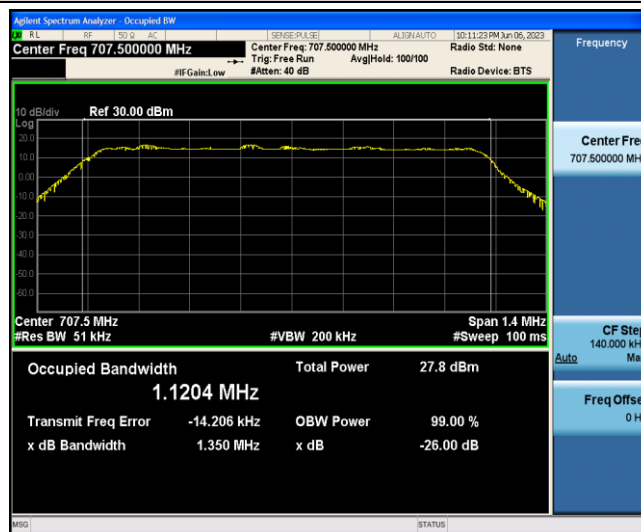
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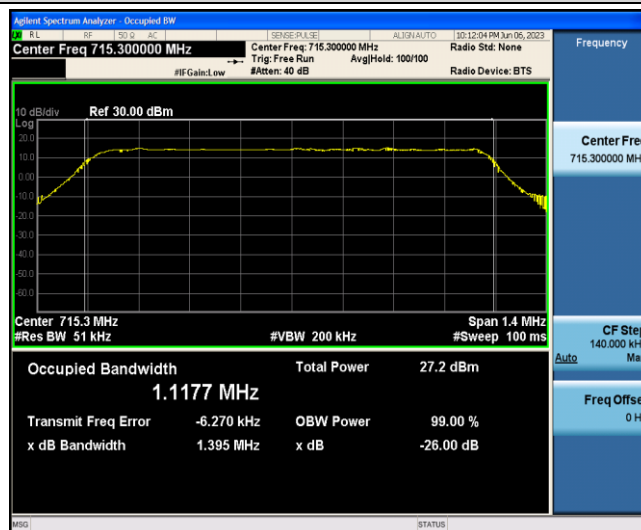
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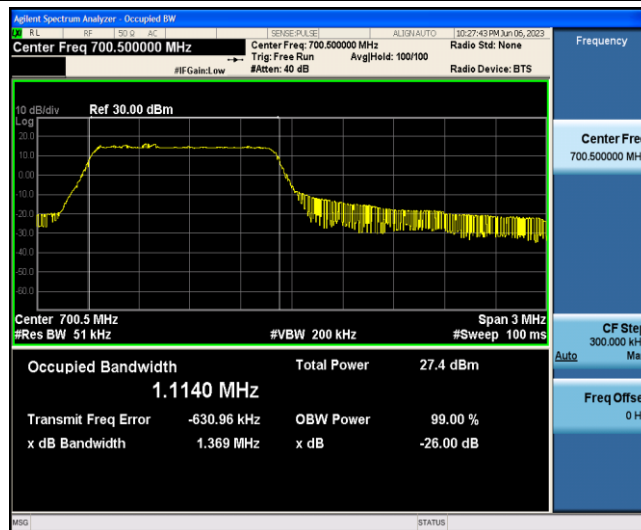
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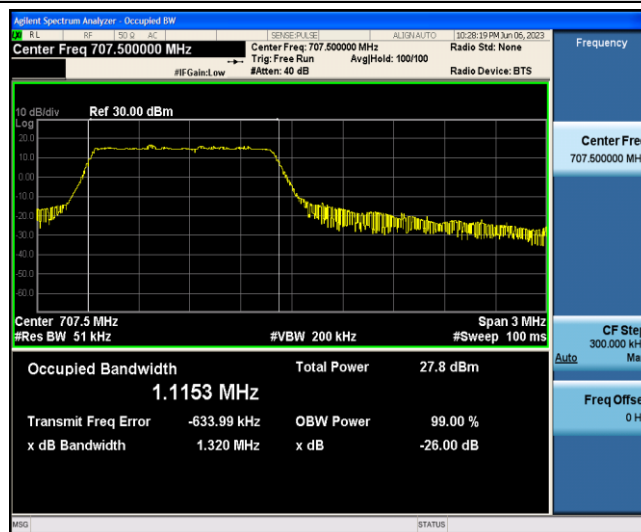
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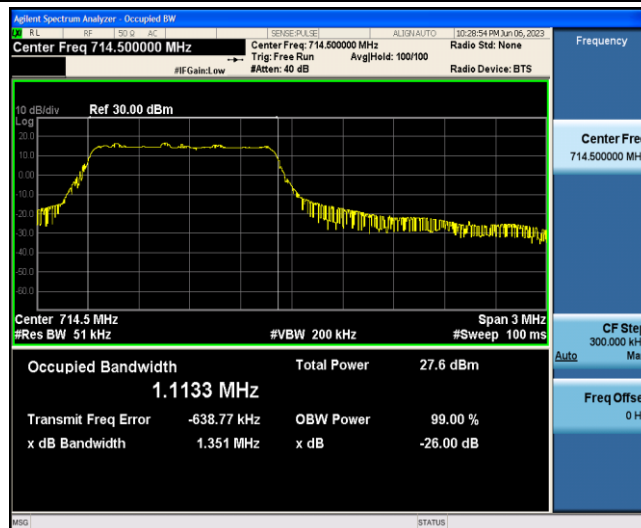
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Band12-3MHz-QPSK-23025-6-0-Low-1.1140-1.369-PASS



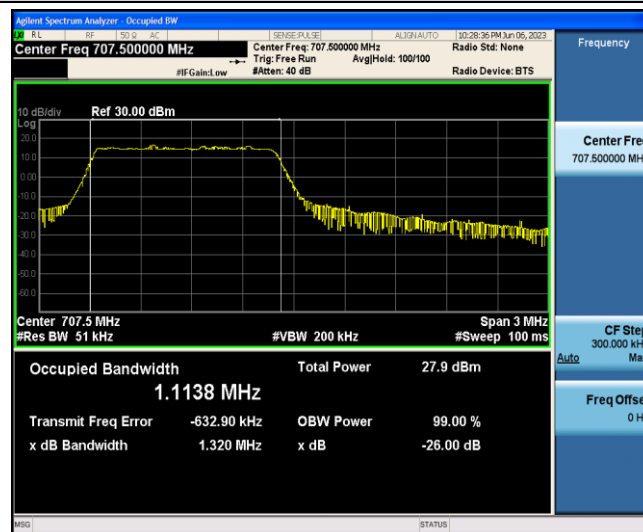
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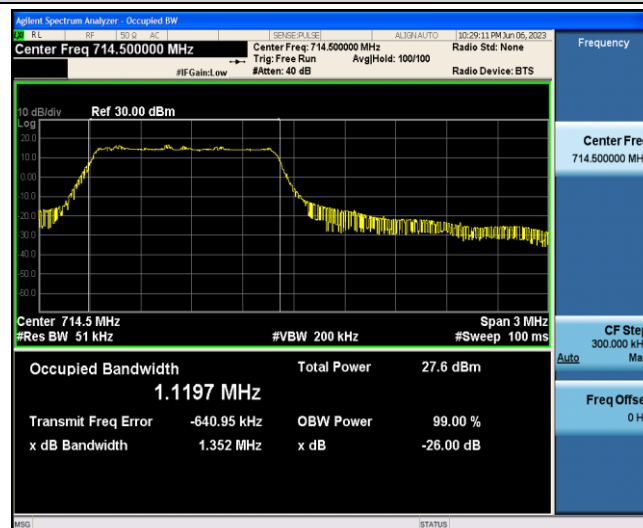
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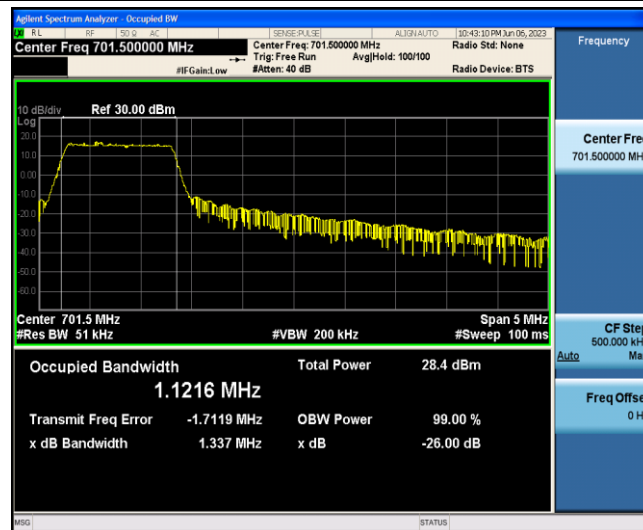
Band12-3MHz-16QAM-23025-6-0-Low-1.1133-1.368-PASS



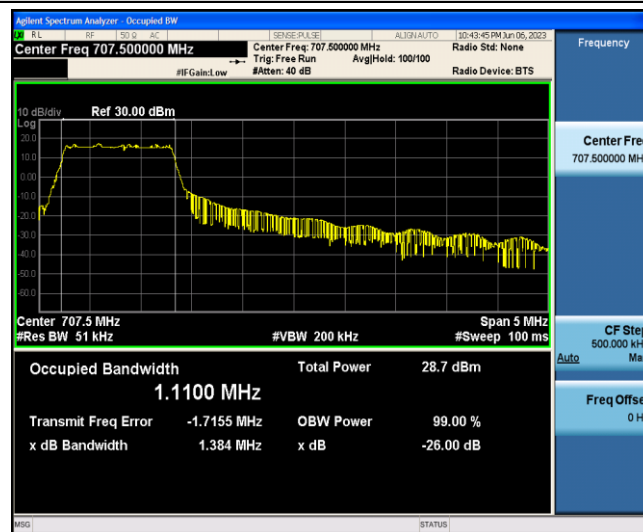
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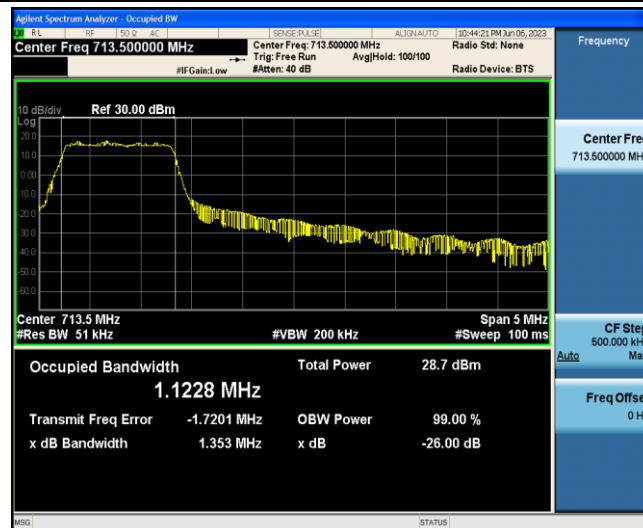
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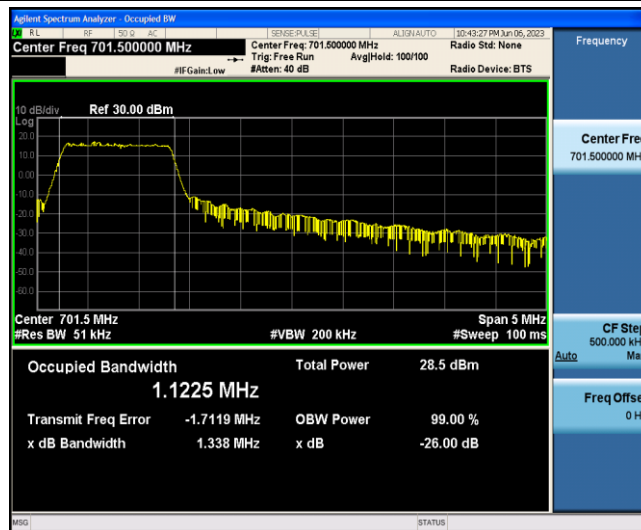
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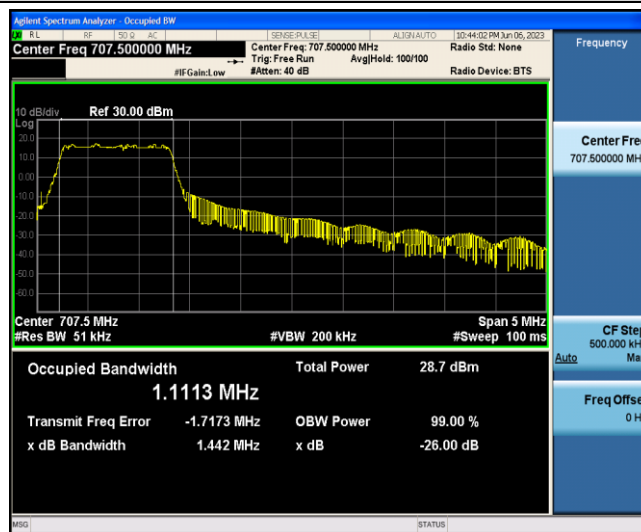
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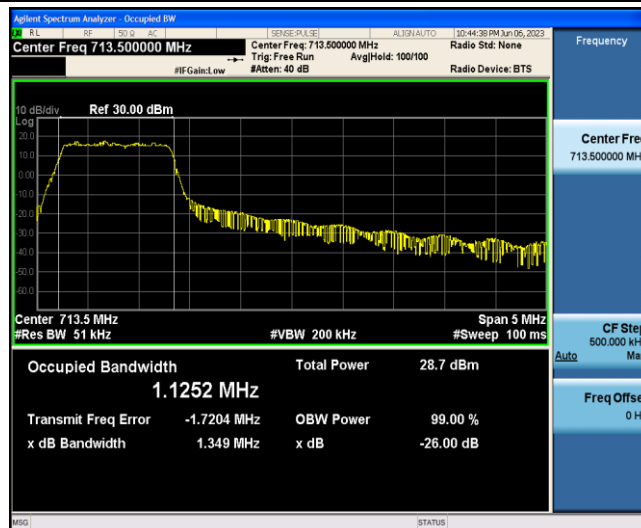
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Band12-5MHz-16QAM-23035-6-0-Low-1.1225-1.338-PASS



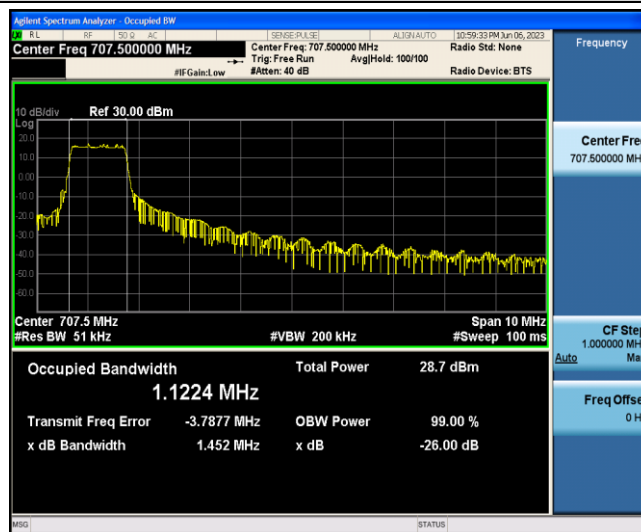
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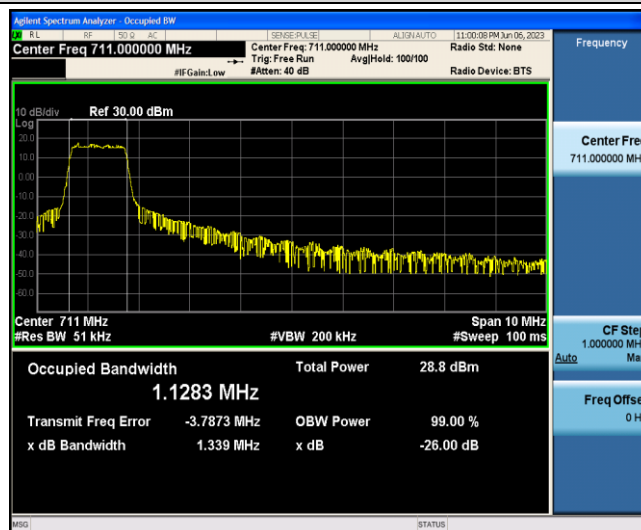
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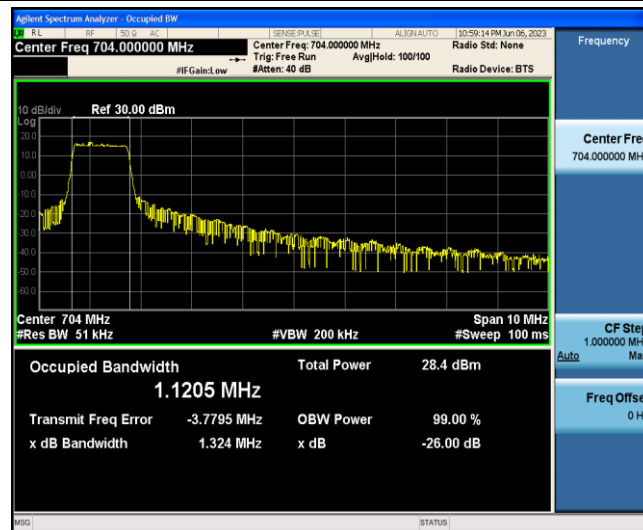
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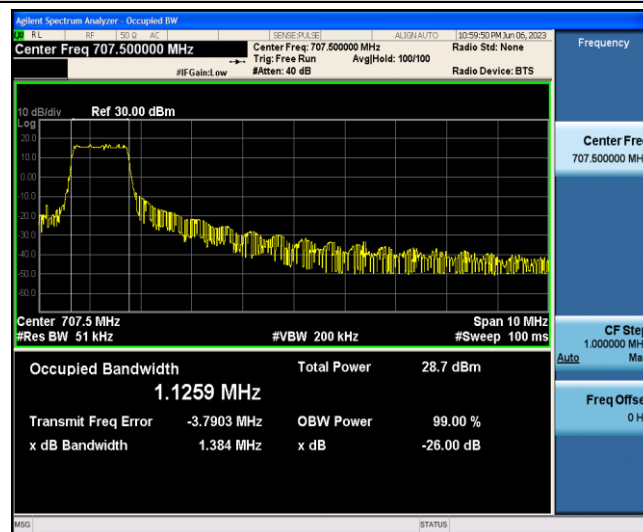
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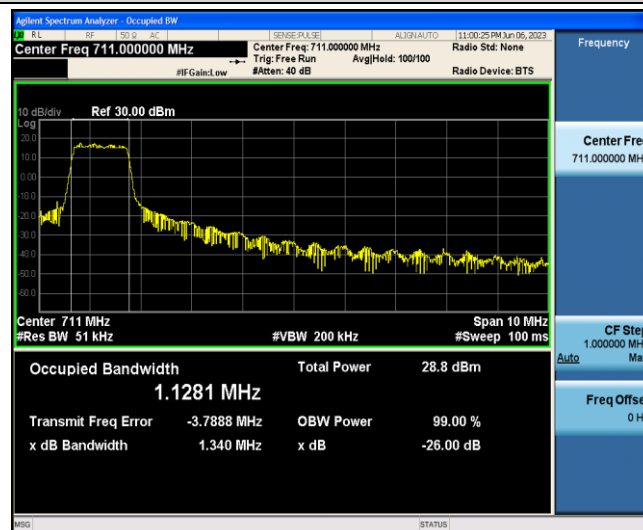
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Band12-10MHz-16QAM-23060-6-0-Low-1.1205-1.324-PASS



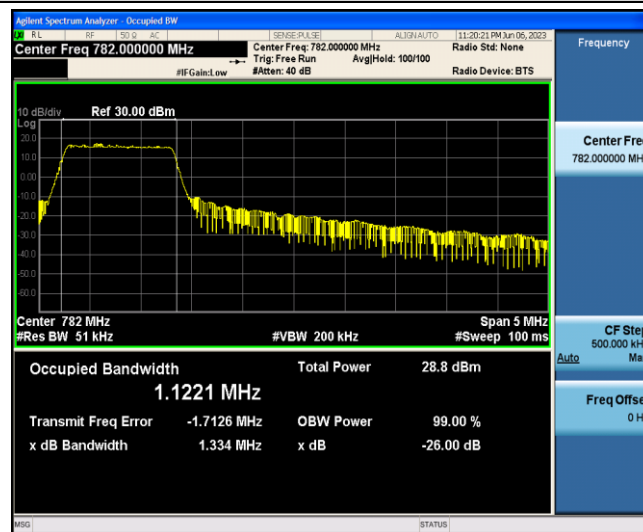
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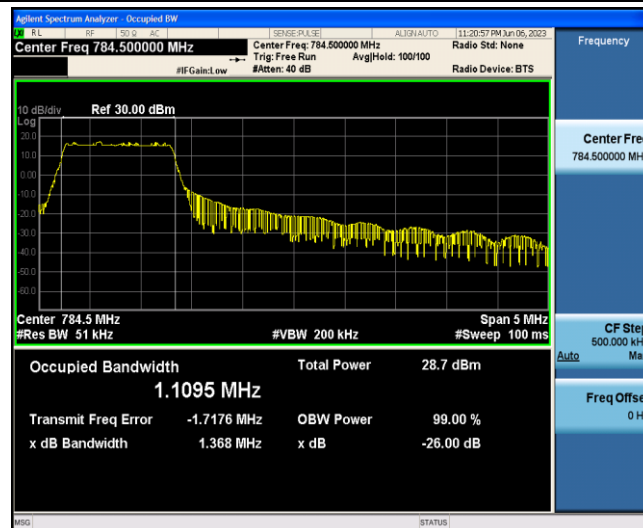
Band12-10MHz-16QAM-23130-6-0-Low-1.1281-1.340-PASS



Band13-5MHz-QPSK-23205-6-0-Low-1.1114-1.304-PASS



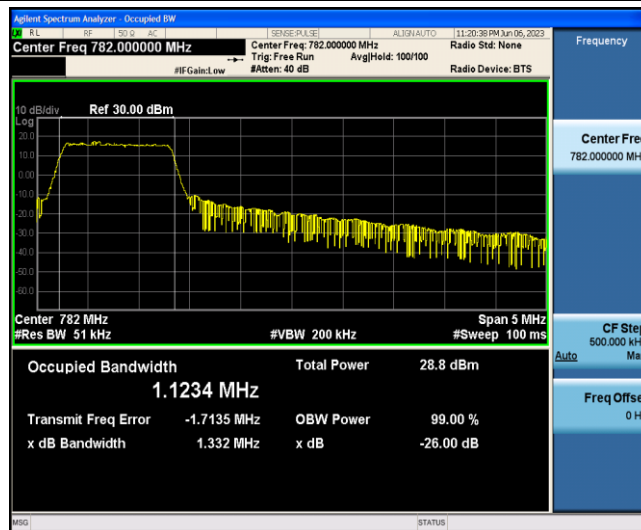
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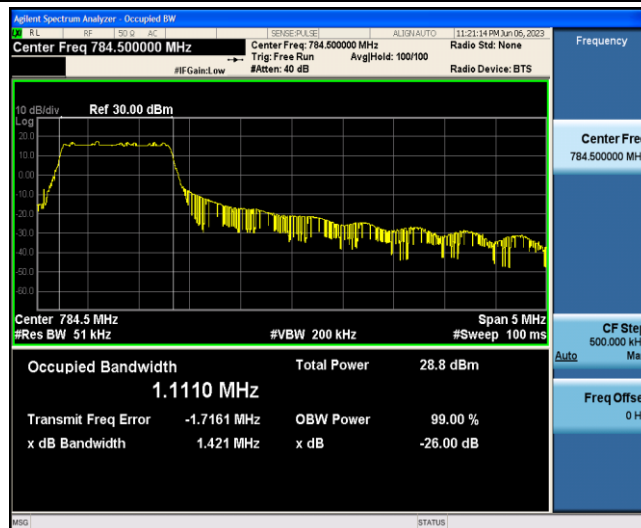
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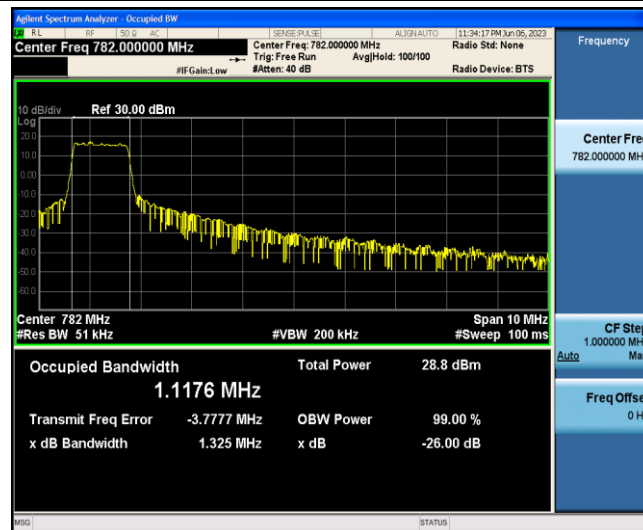
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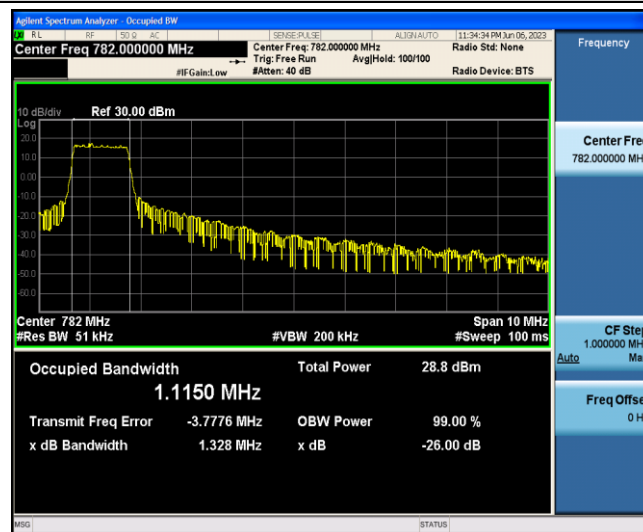
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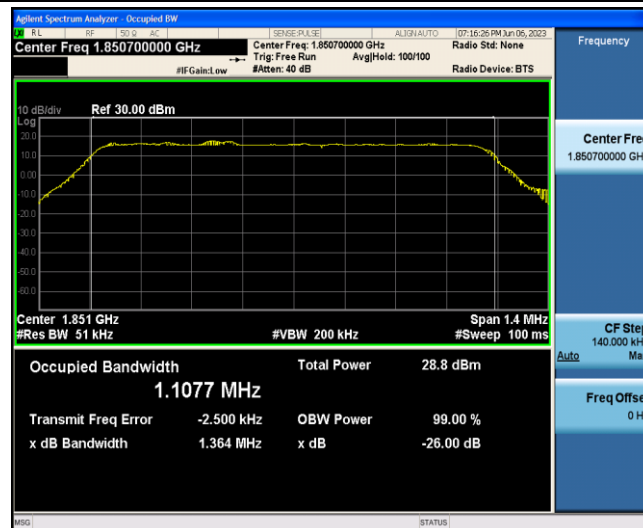
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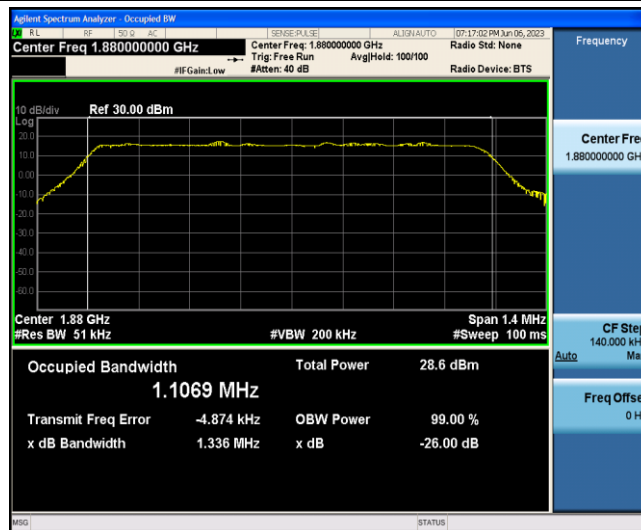
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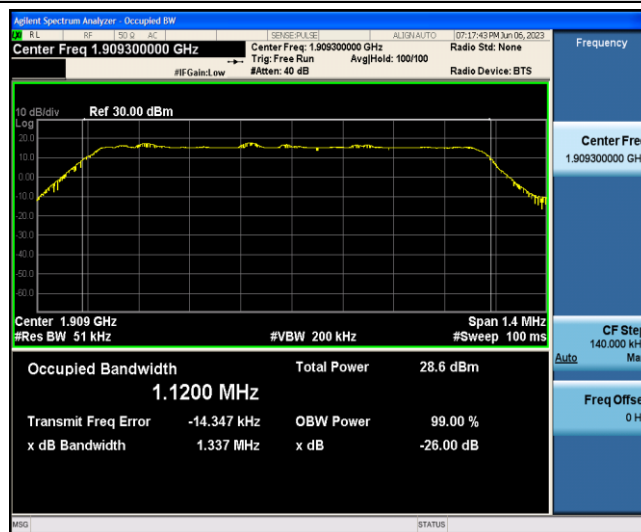
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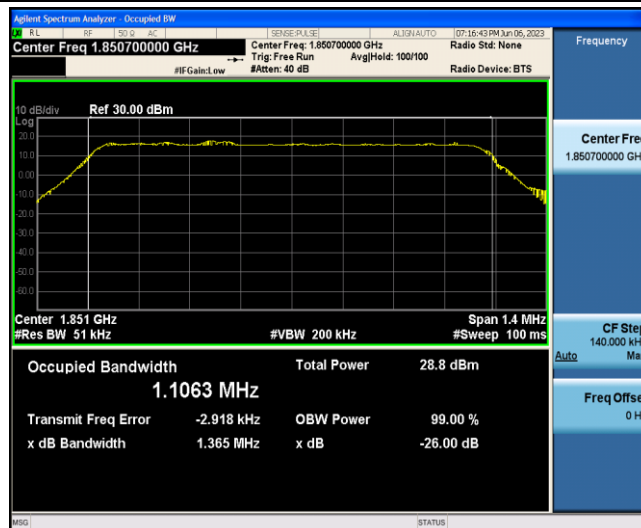
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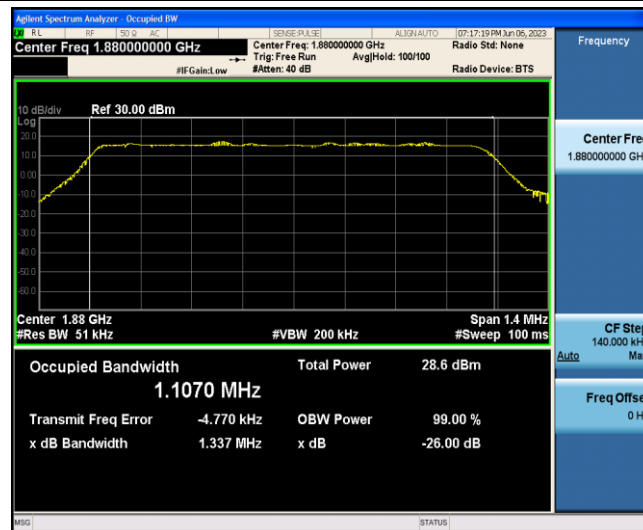
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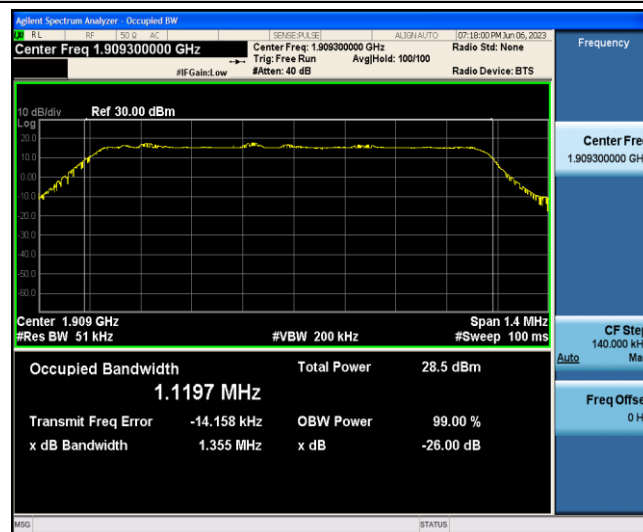
Band2-1.4MHz-QPSK-19193-6-0-Low-1.1200-1.337-PASS



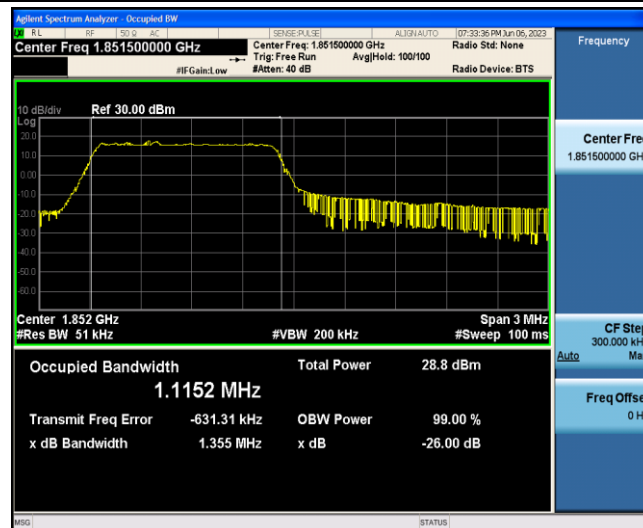
Band2-1.4MHz-16QAM-18607-6-0-Low-1.1063-1.365-PASS



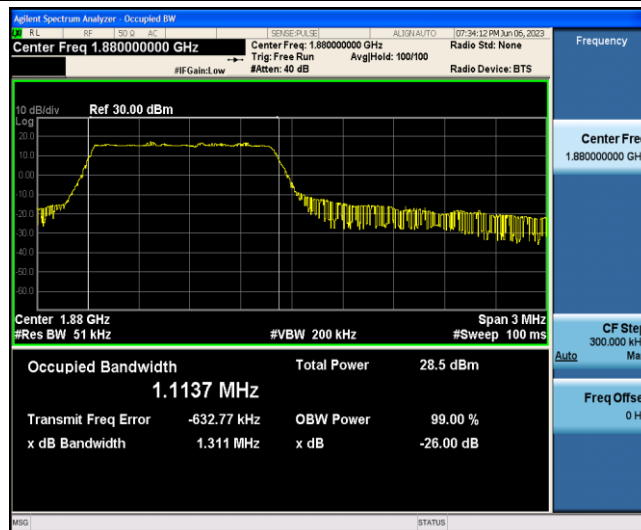
Band2-1.4MHz-16QAM-18900-6-0-Low-1.1070-1.337-PASS



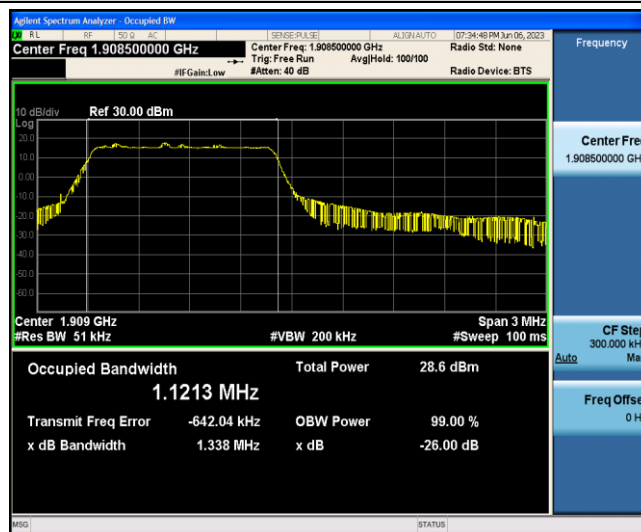
Band2-1.4MHz-16QAM-19193-6-0-Low-1.1197-1.355-PASS



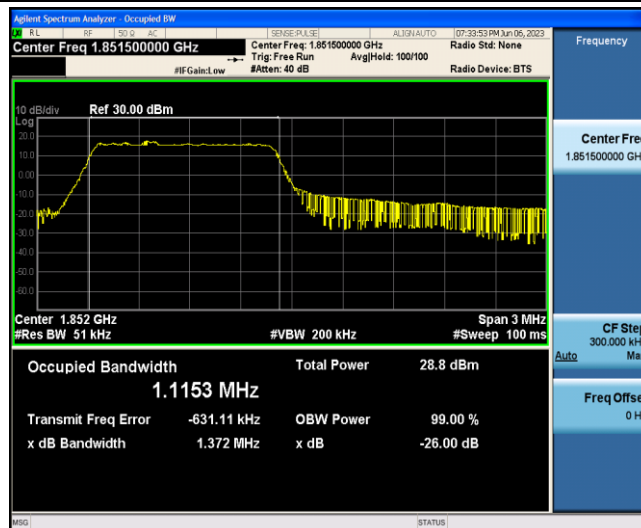
Band2-3MHz-QPSK-18615-6-0-Low-1.1152-1.355-PASS



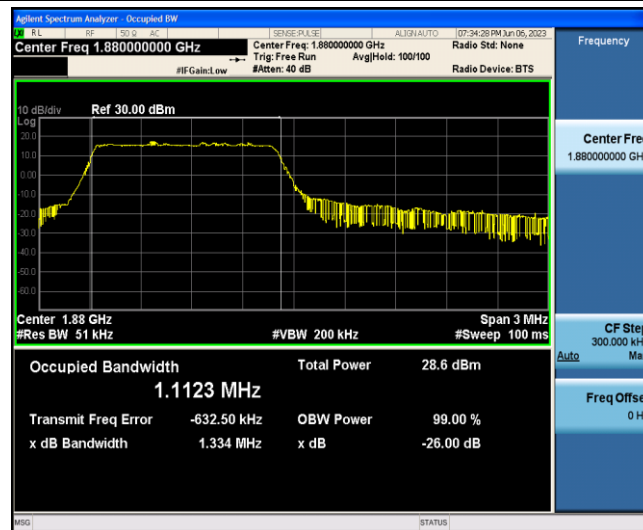
Band2-3MHz-QPSK-18900-6-0-Low-1.1137-1.311-PASS



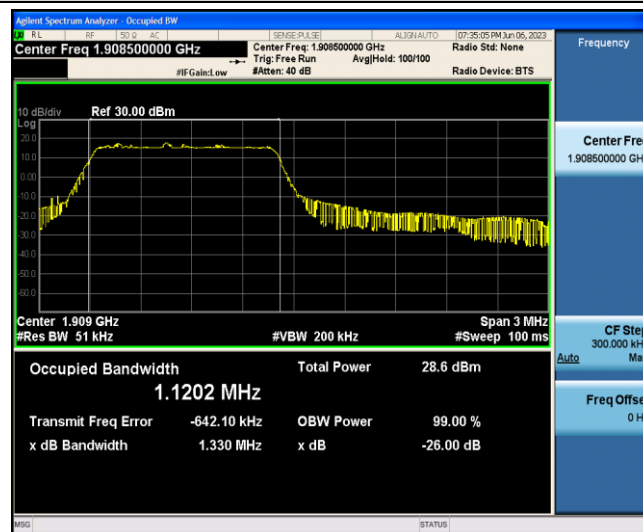
Band2-3MHz-QPSK-19185-6-0-Low-1.1213-1.338-PASS



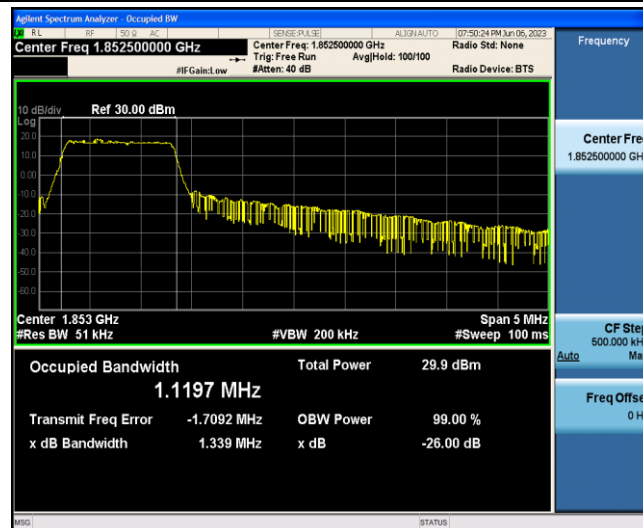
Band2-3MHz-16QAM-18615-6-0-Low-1.1153-1.372-PASS



Band2-3MHz-16QAM-18900-6-0-Low-1.1123-1.334-PASS



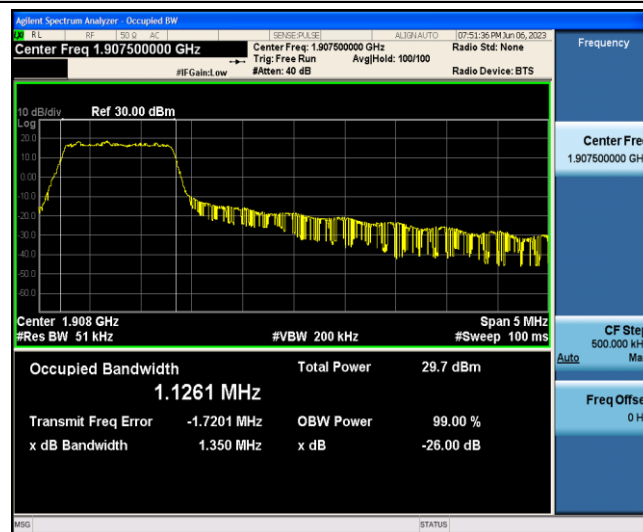
Band2-3MHz-16QAM-19185-6-0-Low-1.1202-1.330-PASS



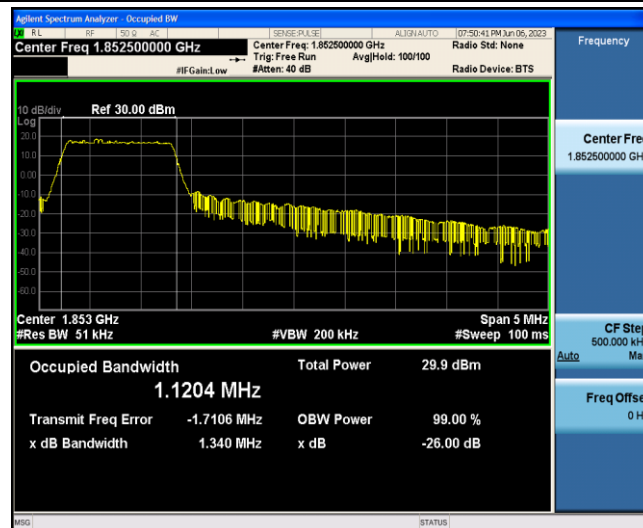
Band2-5MHz-QPSK-18625-6-0-Low-1.1197-1.339-PASS



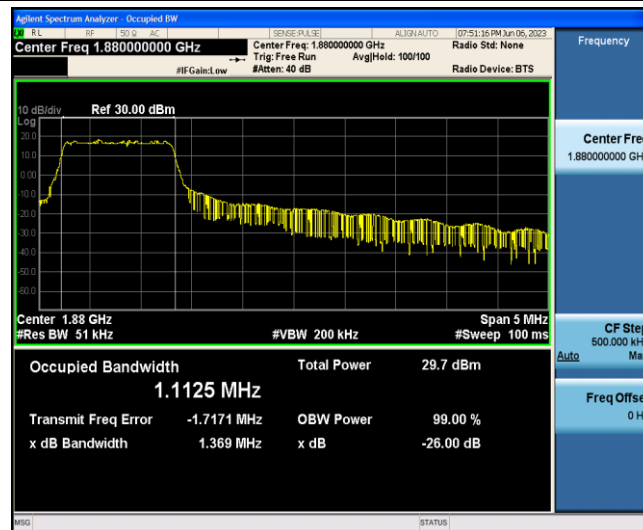
Band2-5MHz-QPSK-18900-6-0-Low-1.1070-1.376-PASS



Band2-5MHz-QPSK-19175-6-0-Low-1.1261-1.350-PASS



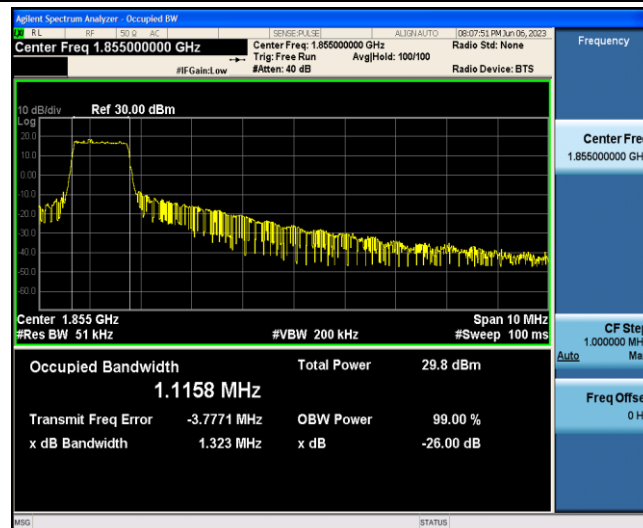
Band2-5MHz-16QAM-18625-6-0-Low-1.1204-1.340-PASS



Band2-5MHz-16QAM-18900-6-0-Low-1.1125-1.369-PASS



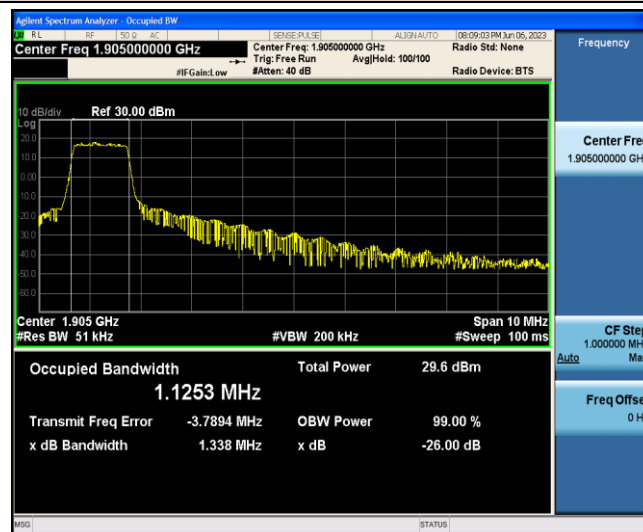
Band2-5MHz-16QAM-19175-6-0-Low-1.1258-1.346-PASS



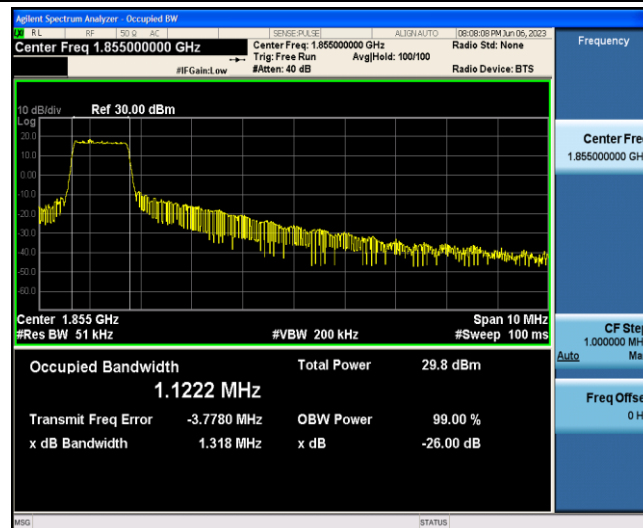
Band2-10MHz-QPSK-18650-6-0-Low-1.1158-1.323-PASS



Band2-10MHz-QPSK-18900-6-0-Low-1.1280-1.374-PASS



Band2-10MHz-QPSK-19150-6-0-Low-1.1253-1.338-PASS



Band2-10MHz-16QAM-18650-6-0-Low-1.1222-1.318-PASS