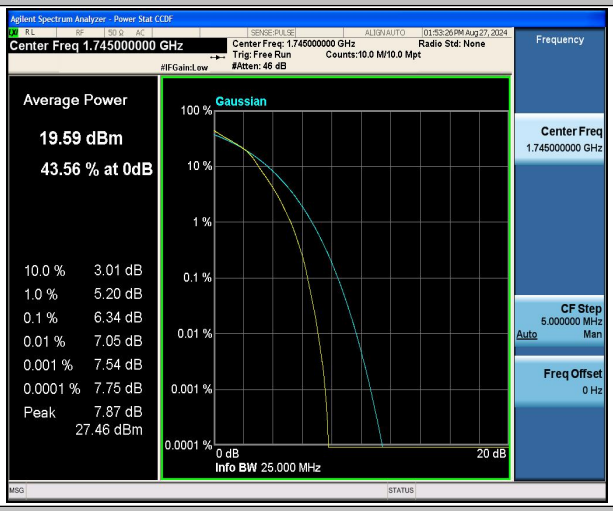
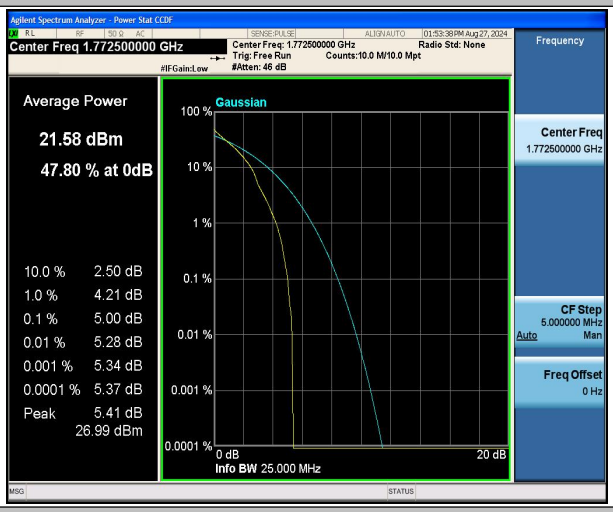
Band66-15MHz-QPSK-132322-75RB#0-PASS

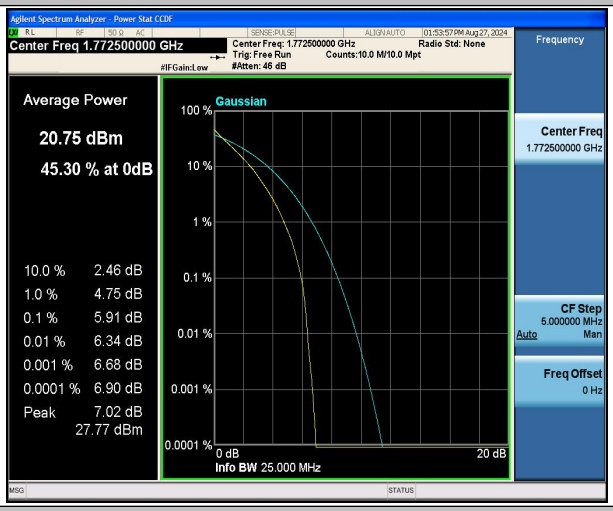


Band66-15MHz-16QAM-132322-75RB#0-PASS

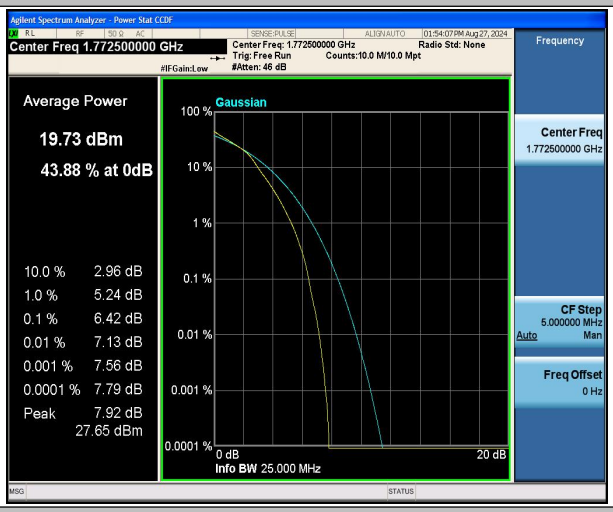


Band66-15MHz-QPSK-132597-1RB#0-PASS

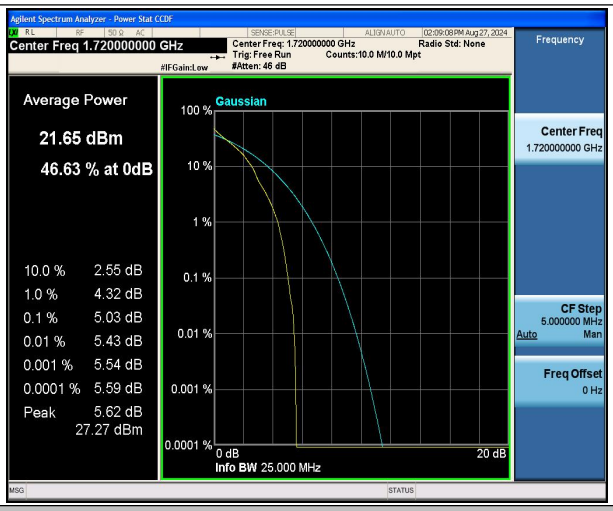
Band66-15MHz-16QAM-132597-1RB#0-PASS



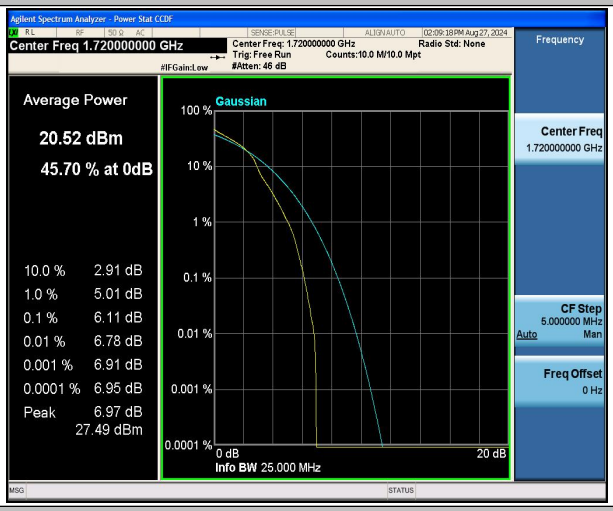
Band66-15MHz-QPSK-132597-75RB#0-PASS



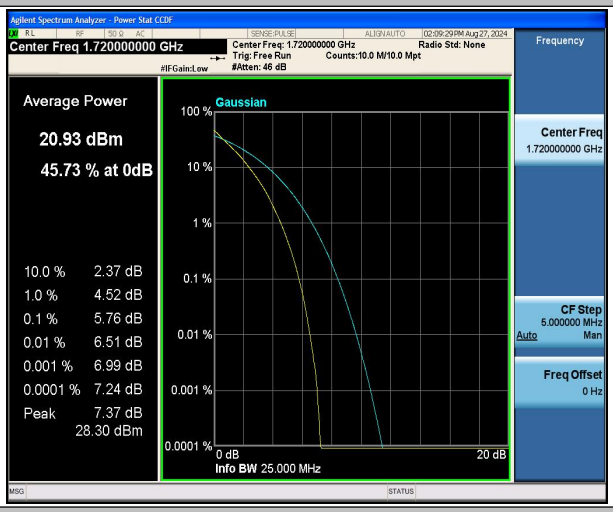
Band66-15MHz-16QAM-132597-75RB#0-PASS



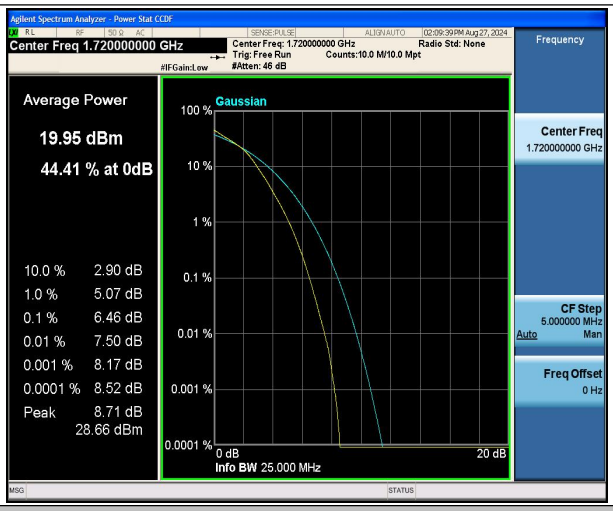
Band66-20MHz-QPSK-132072-1RB#0-PASS



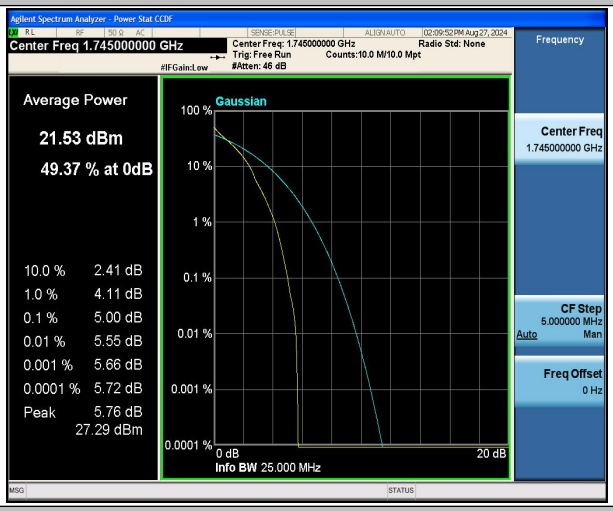
Band66-20MHz-16QAM-132072-1RB#0-PASS



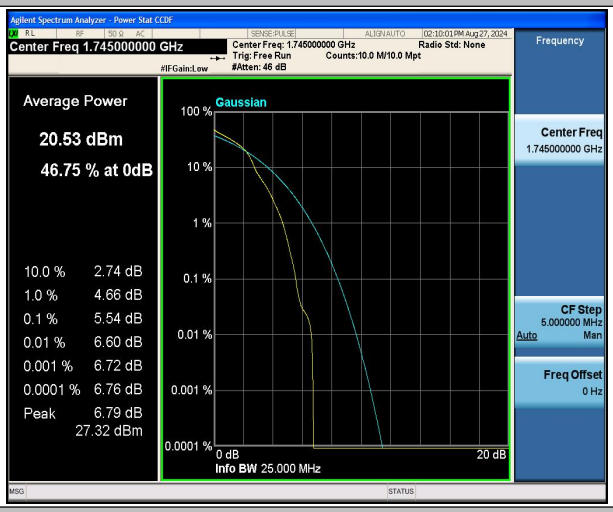
Band66-20MHz-QPSK-132072-100RB#0-PASS



Band66-20MHz-16QAM-132072-100RB#0-PASS



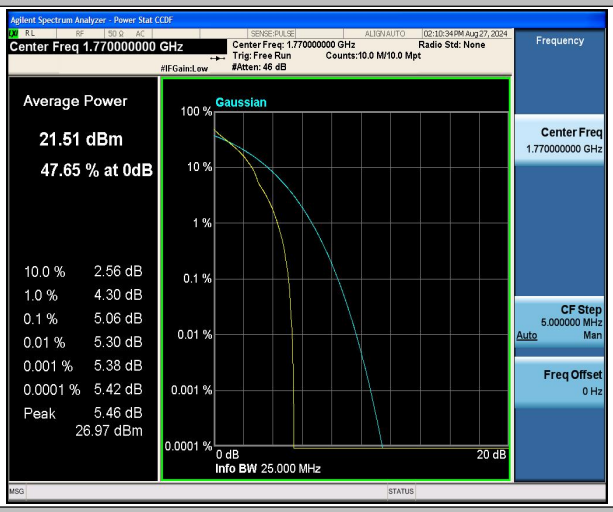
Band66-20MHz-QPSK-132322-1RB#0-PASS



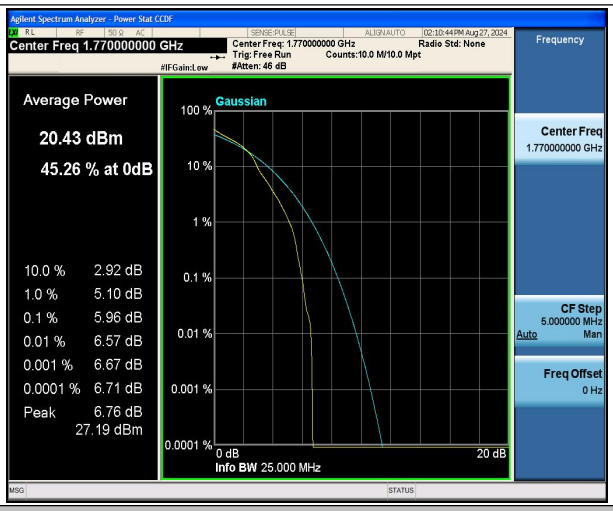
Band66-20MHz-16QAM-132322-1RB#0-PASS

Band66-20MHz-QPSK-132322-100RB#0-PASS

Band66-20MHz-16QAM-132322-100RB#0-PASS

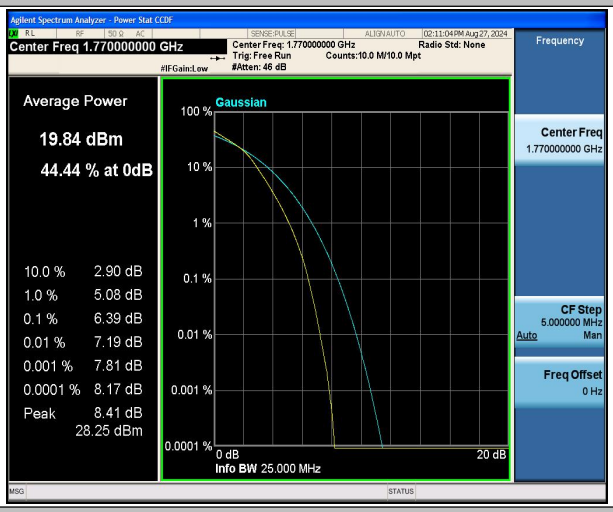


Band66-20MHz-QPSK-132572-1RB#0-PASS

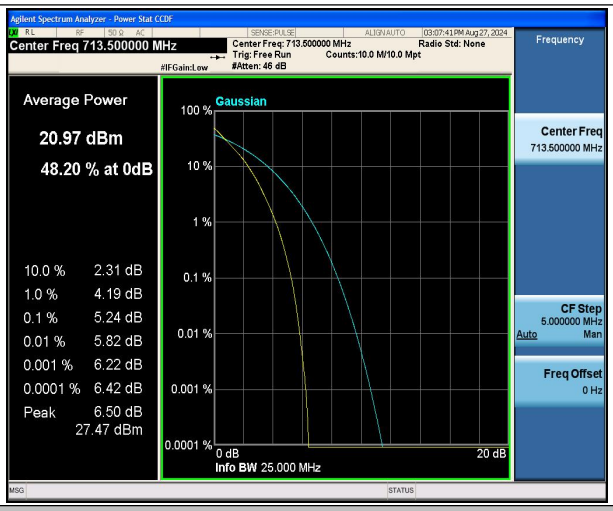


Band66-20MHz-16QAM-132572-1RB#0-PASS

Band66-20MHz-QPSK-132572-100RB#0-PASS



Band66-20MHz-16QAM-132572-100RB#0-PASS



Band12-5MHz-QPSK-23155-25RB#0-PASS

Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0977	1.300	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0885	1.272	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0900	1.302	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0954	1.295	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0929	1.281	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0893	1.283	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6869	2.880	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6770	2.903	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6884	2.900	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6803	2.906	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6843	2.906	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6889	2.908	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5192	5.203	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5224	5.146	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5095	5.183	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5296	5.206	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5106	5.180	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5331	5.335	PASS
Band2	10MHz	QPSK	18650	50RB#0	9.0014	10.15	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9989	10.01	PASS
Band2	10MHz	QPSK	18900	50RB#0	9.0160	10.14	PASS
Band2	10MHz	16QAM	18900	50RB#0	9.0039	10.11	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9823	10.08	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9930	10.04	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.503	15.04	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.495	14.98	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.507	15.21	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.524	15.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.494	15.08	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.516	15.09	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.935	19.73	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.916	19.79	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.011	20.07	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.984	19.79	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.986	19.69	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.003	19.92	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.0914	1.289	PASS

Band4	1.4MHz	16QAM	19957	6RB#0	1.0996	1.300	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0930	1.282	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0936	1.287	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6866	2.922	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6774	2.876	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6893	2.895	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6810	2.900	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6880	2.898	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6909	2.896	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5235	5.205	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5227	5.150	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0973	1.291	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0899	1.276	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5111	5.174	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5319	5.172	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5250	5.178	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5403	5.197	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0172	10.11	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0030	10.07	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0152	10.14	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0114	10.04	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9921	10.58	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0020	10.53	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.549	15.18	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.514	15.12	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.508	15.18	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.512	15.08	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.441	14.87	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.474	14.95	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.027	19.82	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.054	19.97	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.987	20.13	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.963	19.78	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.937	19.71	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.970	19.86	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0914	1.298	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0970	1.312	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0935	1.288	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0946	1.285	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0944	1.303	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0890	1.275	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6889	2.906	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6801	2.902	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6906	2.906	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6850	2.903	PASS

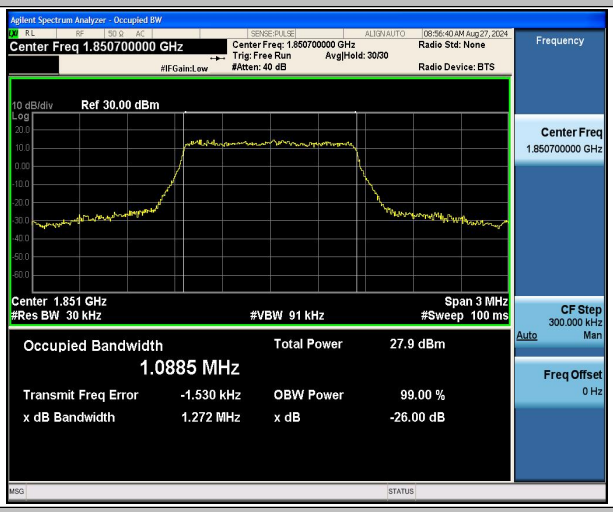
Band5	3MHz	QPSK	20635	15RB#0	2.6911	2.894	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6851	2.892	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5211	5.194	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5178	5.151	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5203	5.163	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5333	5.215	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5122	5.117	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5218	5.168	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9845	10.09	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9793	9.990	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0435	10.15	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0319	10.16	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9744	10.01	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9774	10.05	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.5245	5.230	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5214	5.148	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5129	5.175	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5336	5.207	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5236	5.206	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5378	5.259	PASS
Band7	10MHz	QPSK	20800	50RB#0	9.0147	10.13	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9951	10.07	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9987	10.09	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9896	10.11	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9830	10.02	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9993	9.983	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.578	16.36	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.525	16.36	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.483	15.09	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.491	14.98	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.421	14.90	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.454	14.99	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.986	19.80	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.021	20.02	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.018	20.08	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.964	19.72	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.929	19.59	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.941	19.74	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1.0982	1.292	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0879	1.274	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0903	1.292	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0982	1.310	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0925	1.290	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0913	1.281	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6840	2.899	PASS

Band12	3MHz	16QAM	23025	15RB#0	2.6770	2.895	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6890	2.899	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6789	2.905	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6860	2.897	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6872	2.897	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5195	5.171	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5420	5.219	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5189	5.197	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5149	5.122	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5086	5.163	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5277	5.191	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0016	10.13	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9933	10.08	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9968	10.09	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9763	10.14	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9953	10.06	PASS
Band12	10MHz	16QAM	23130	50RB#0	9.0055	10.08	PASS
Band13	5MHz	QPSK	23205	25RB#0	4.5160	5.204	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.5215	5.134	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.5137	5.140	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5310	5.232	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.5100	5.113	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.5242	5.205	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9958	10.09	PASS
Band13	10MHz	16QAM	23230	50RB#0	9.0239	10.10	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.5168	5.214	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5117	5.119	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5083	5.167	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5297	5.213	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5165	5.152	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5339	5.198	PASS
Band17	10MHz	QPSK	23780	50RB#0	9.0006	10.43	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9950	10.00	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9983	10.10	PASS
Band17	10MHz	16QAM	23790	50RB#0	9.0188	10.12	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9964	10.05	PASS
Band17	10MHz	16QAM	23800	50RB#0	9.0057	10.04	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	1.0897	1.282	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.0954	1.292	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0905	1.284	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.0936	1.278	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0938	1.300	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.0878	1.277	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5252	5.202	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.5229	5.120	PASS

Band66	5MHz	QPSK	132322	25RB#0	4.5092	5.169	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5313	5.205	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.6888	2.895	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6785	2.891	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.6870	2.893	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6803	2.903	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.6828	2.895	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6824	2.913	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5188	5.166	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.5353	5.202	PASS
Band66	10MHz	QPSK	132022	50RB#0	9.0178	10.13	PASS
Band66	10MHz	16QAM	132022	50RB#0	9.0061	10.06	PASS
Band66	10MHz	QPSK	132322	50RB#0	9.0039	10.14	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.9975	10.09	PASS
Band66	10MHz	QPSK	132622	50RB#0	9.0040	10.09	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.9907	10.09	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.543	15.21	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.541	15.09	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.506	15.02	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.506	15.08	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.483	14.96	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.506	15.08	PASS
Band66	20MHz	QPSK	132072	100RB#0	18.012	19.79	PASS
Band66	20MHz	16QAM	132072	100RB#0	18.046	19.97	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.974	19.87	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.925	19.62	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.964	19.66	PASS
Band66	20MHz	16QAM	132572	100RB#0	18.012	19.84	PASS

Test Graphs

Band2-1.4MHz-QPSK-18607-6RB#0-PASS



Band2-1.4MHz-16QAM-18607-6RB#0-PASS

Band2-1.4MHz-QPSK-18900-6RB#0-PASS

Band2-1.4MHz-16QAM-18900-6RB#0-PASS

Band2-1.4MHz-QPSK-19193-6RB#0-PASS

Band2-1.4MHz-16QAM-19193-6RB#0-PASS

Band2-3MHz-QPSK-18615-15RB#0-PASS

Band2-3MHz-16QAM-18615-15RB#0-PASS

Band2-3MHz-QPSK-18900-15RB#0-PASS

Band2-3MHz-16QAM-18900-15RB#0-PASS

Band2-3MHz-QPSK-19185-15RB#0-PASS

Band2-3MHz-16QAM-19185-15RB#0-PASS

Band2-5MHz-QPSK-18625-25RB#0-PASS

Band2-5MHz-16QAM-18625-25RB#0-PASS

Band2-5MHz-QPSK-18900-25RB#0-PASS

Band2-5MHz-16QAM-18900-25RB#0-PASS

Band2-5MHz-QPSK-19175-25RB#0-PASS

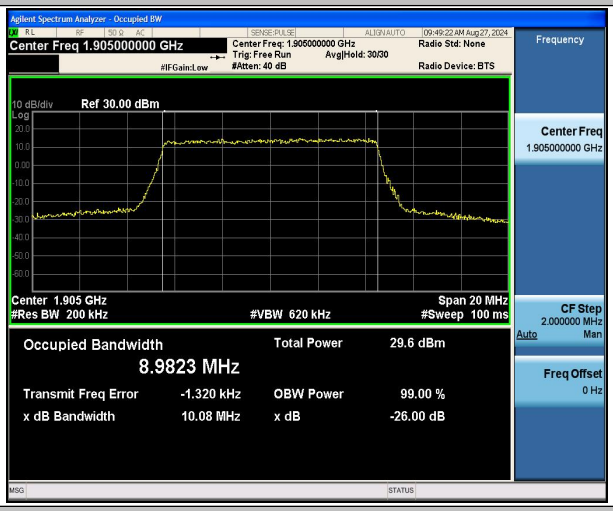
Band2-5MHz-16QAM-19175-25RB#0-PASS

Band2-10MHz-QPSK-18650-50RB#0-PASS

Band2-10MHz-16QAM-18650-50RB#0-PASS

Band2-10MHz-QPSK-18900-50RB#0-PASS

Band2-10MHz-16QAM-18900-50RB#0-PASS



Band2-10MHz-QPSK-19150-50RB#0-PASS

Band2-10MHz-16QAM-19150-50RB#0-PASS

Band2-15MHz-QPSK-18675-75RB#0-PASS

Band2-15MHz-16QAM-18675-75RB#0-PASS

Band2-15MHz-QPSK-18900-75RB#0-PASS