

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	1.0958	1.317	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0993	1.372	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.1043	1.357	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1080	1.373	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1001	1.337	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0994	1.365	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.7055	3.040	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7008	3.060	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7037	3.033	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.7052	3.070	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.7019	3.086	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6987	3.032	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5244	5.190	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5338	5.229	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5251	5.162	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5160	5.174	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5328	5.249	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5302	5.117	PASS
Band2	10MHz	QPSK	18650	50RB#0	9.0072	10.13	PASS
Band2	10MHz	QPSK	18900	50RB#0	9.0042	10.05	PASS
Band2	10MHz	QPSK	19150	50RB#0	9.0229	9.971	PASS
Band2	10MHz	16QAM	18650	50RB#0	9.0171	10.09	PASS
Band2	10MHz	16QAM	18900	50RB#0	9.0219	10.17	PASS
Band2	10MHz	16QAM	19150	50RB#0	9.0271	10.12	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.488	15.05	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.519	14.97	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.492	14.92	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.501	14.93	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.500	15.01	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.512	15.01	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.962	19.88	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.983	19.71	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.953	19.70	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.993	19.86	PASS
Band2	20MHz	16QAM	18900	100RB#0	18.011	19.70	PASS

Band2	20MHz	16QAM	19100	100RB#0	17.977	19.82	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.1020	1.371	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.1030	1.390	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.1059	1.357	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1014	1.355	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0980	1.348	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1019	1.333	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7031	3.057	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7025	3.090	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7035	3.076	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7034	3.037	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7027	3.053	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7063	3.051	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5165	5.169	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5211	5.149	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5210	5.130	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5250	5.155	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5184	5.229	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5295	5.198	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9992	9.940	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0092	10.06	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9900	10.04	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0150	10.16	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0225	10.08	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9990	10.07	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.512	14.96	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.501	15.02	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.505	15.06	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.479	15.06	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.501	15.15	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.525	15.17	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.983	19.93	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.011	19.90	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.960	19.92	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.943	19.75	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.028	19.92	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.047	19.89	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.5276	5.193	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5196	5.153	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5304	5.152	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5174	5.203	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5237	5.153	PASS

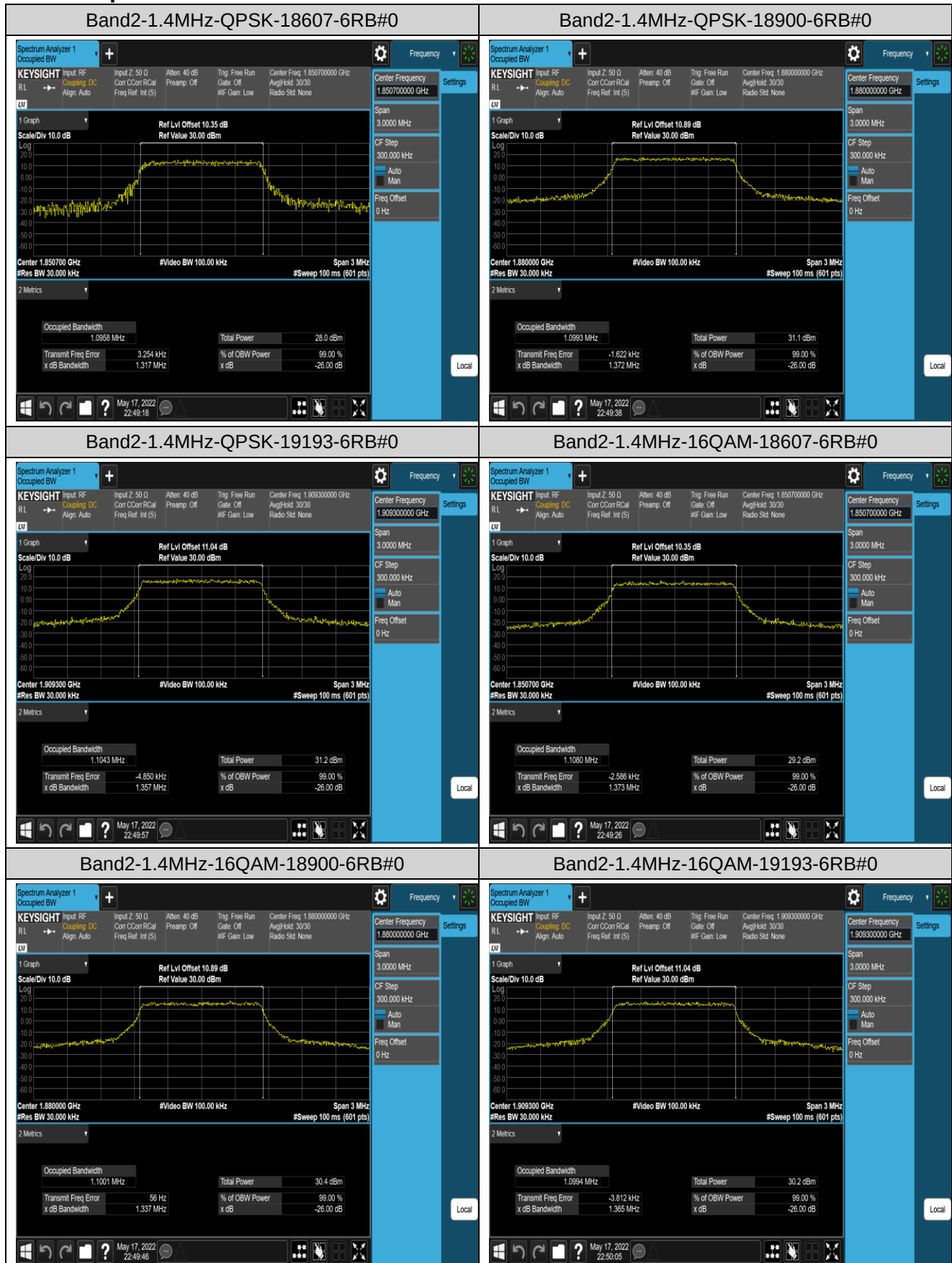
Band7	5MHz	16QAM	21425	25RB#0	4.5246	5.198	PASS
Band7	10MHz	QPSK	20800	50RB#0	9.0044	10.05	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9945	10.02	PASS
Band7	10MHz	QPSK	21400	50RB#0	9.0247	10.16	PASS
Band7	10MHz	16QAM	20800	50RB#0	9.0004	10.13	PASS
Band7	10MHz	16QAM	21100	50RB#0	9.0464	10.06	PASS
Band7	10MHz	16QAM	21400	50RB#0	9.0151	9.992	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.520	14.98	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.511	14.95	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.499	15.03	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.505	14.98	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.492	15.23	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.500	14.83	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.998	19.77	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.985	19.79	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.977	19.85	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.985	19.72	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.015	19.90	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.979	19.93	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1.1018	1.358	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.1040	1.384	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0982	1.369	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1006	1.374	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1026	1.369	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1049	1.366	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7100	3.077	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7049	3.039	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7024	3.027	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7004	3.056	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.7083	3.078	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7071	3.035	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5218	5.188	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5228	5.209	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5185	5.146	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5212	5.232	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5208	5.211	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5148	5.199	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9973	10.10	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0299	10.06	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9720	9.980	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9876	9.960	PASS
Band12	10MHz	16QAM	23095	50RB#0	9.0433	10.08	PASS

Band12	10MHz	16QAM	23130	50RB#0	8.9993	10.11	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.5284	5.212	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5251	5.187	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5112	5.203	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5315	5.193	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5278	5.217	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5232	5.184	PASS
Band17	10MHz	QPSK	23780	50RB#0	9.0255	10.22	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9971	10.08	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9678	9.848	PASS
Band17	10MHz	16QAM	23780	50RB#0	9.0092	10.03	PASS
Band17	10MHz	16QAM	23790	50RB#0	9.0028	10.01	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9891	10.07	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	1.1014	1.366	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	1.1021	1.355	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	1.1031	1.381	PASS
Band26	1.4MHz	QPSK	26797	6RB#0	1.1013	1.355	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	1.1029	1.343	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	1.1004	1.349	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	1.0981	1.359	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	1.0989	1.356	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	1.1001	1.365	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	1.1019	1.335	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	1.0963	1.344	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	1.1023	1.379	PASS
Band26	3MHz	QPSK	26705	15RB#0	2.7022	3.058	PASS
Band26	3MHz	QPSK	26740	15RB#0	2.6963	3.012	PASS
Band26	3MHz	QPSK	26775	15RB#0	2.7110	3.033	PASS
Band26	3MHz	QPSK	26805	15RB#0	2.6994	3.072	PASS
Band26	3MHz	QPSK	26915	15RB#0	2.7021	3.027	PASS
Band26	3MHz	QPSK	27025	15RB#0	2.7055	3.052	PASS
Band26	3MHz	16QAM	26705	15RB#0	2.7001	3.036	PASS
Band26	3MHz	16QAM	26740	15RB#0	2.7057	3.067	PASS
Band26	3MHz	16QAM	26775	15RB#0	2.7025	3.001	PASS
Band26	3MHz	16QAM	26805	15RB#0	2.7064	3.044	PASS
Band26	3MHz	16QAM	26915	15RB#0	2.7005	3.036	PASS
Band26	3MHz	16QAM	27025	15RB#0	2.6997	3.035	PASS
Band26	5MHz	QPSK	26715	25RB#0	4.5249	5.172	PASS
Band26	5MHz	QPSK	26740	25RB#0	4.5308	5.183	PASS
Band26	5MHz	QPSK	26765	25RB#0	4.5180	5.242	PASS
Band26	5MHz	QPSK	26815	25RB#0	4.5282	5.154	PASS
Band26	5MHz	QPSK	26915	25RB#0	4.5230	5.198	PASS

Band26	5MHz	QPSK	27015	25RB#0	4.5163	5.180	PASS
Band26	5MHz	16QAM	26715	25RB#0	4.5224	5.230	PASS
Band26	5MHz	16QAM	26740	25RB#0	4.5213	5.223	PASS
Band26	5MHz	16QAM	26765	25RB#0	4.5340	5.253	PASS
Band26	5MHz	16QAM	26815	25RB#0	4.5252	5.117	PASS
Band26	5MHz	16QAM	26915	25RB#0	4.5211	5.194	PASS
Band26	5MHz	16QAM	27015	25RB#0	4.5157	5.141	PASS
Band26	10MHz	QPSK	26740	50RB#0	8.9975	10.04	PASS
Band26	10MHz	QPSK	26840	50RB#0	8.9660	9.957	PASS
Band26	10MHz	QPSK	26915	50RB#0	9.0067	10.07	PASS
Band26	10MHz	QPSK	26990	50RB#0	9.0090	10.23	PASS
Band26	10MHz	16QAM	26740	50RB#0	9.0090	10.37	PASS
Band26	10MHz	16QAM	26840	50RB#0	9.0013	9.985	PASS
Band26	10MHz	16QAM	26915	50RB#0	8.9975	9.972	PASS
Band26	10MHz	16QAM	26990	50RB#0	8.9825	9.963	PASS
Band26	15MHz	QPSK	26865	75RB#0	13.474	15.04	PASS
Band26	15MHz	QPSK	26915	75RB#0	13.523	15.07	PASS
Band26	15MHz	QPSK	26965	75RB#0	13.496	15.10	PASS
Band26	15MHz	16QAM	26865	75RB#0	13.471	14.90	PASS
Band26	15MHz	16QAM	26915	75RB#0	13.489	14.95	PASS
Band26	15MHz	16QAM	26965	75RB#0	13.491	15.04	PASS
Band41	5MHz	QPSK	39675	25RB#0	4.5095	5.146	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.5371	5.457	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.5372	5.546	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.5147	5.371	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.5225	5.210	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.5109	5.313	PASS
Band41	10MHz	QPSK	39700	50RB#0	9.0275	10.03	PASS
Band41	10MHz	QPSK	40620	50RB#0	9.0168	10.46	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.0099	10.33	PASS
Band41	10MHz	16QAM	39700	50RB#0	9.0002	10.78	PASS
Band41	10MHz	16QAM	40620	50RB#0	9.0094	10.12	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.0138	11.44	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.460	15.23	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.485	15.24	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.537	15.26	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.487	16.05	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.482	15.08	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.491	17.12	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.967	21.42	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.957	20.40	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.985	20.32	PASS

Band41	20MHz	16QAM	39750	100RB#0	17.972	20.40	PASS
Band41	20MHz	16QAM	40620	100RB#0	18.002	20.49	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.966	21.29	PASS

Test Graphs



JianYan Testing Group Shenzhen Co., Ltd.

No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.

Tel: +86-755-23118282, Fax: +86-755-23116366

Project No.: JYTSZR2203077

