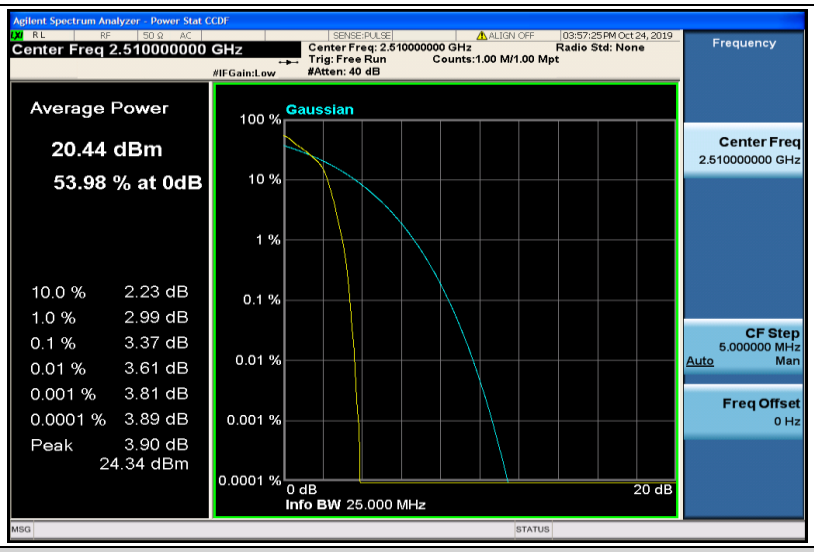
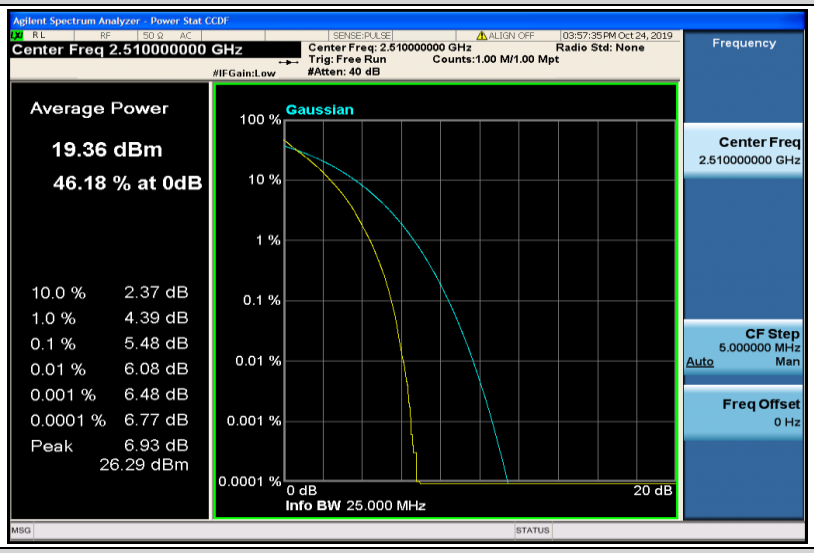
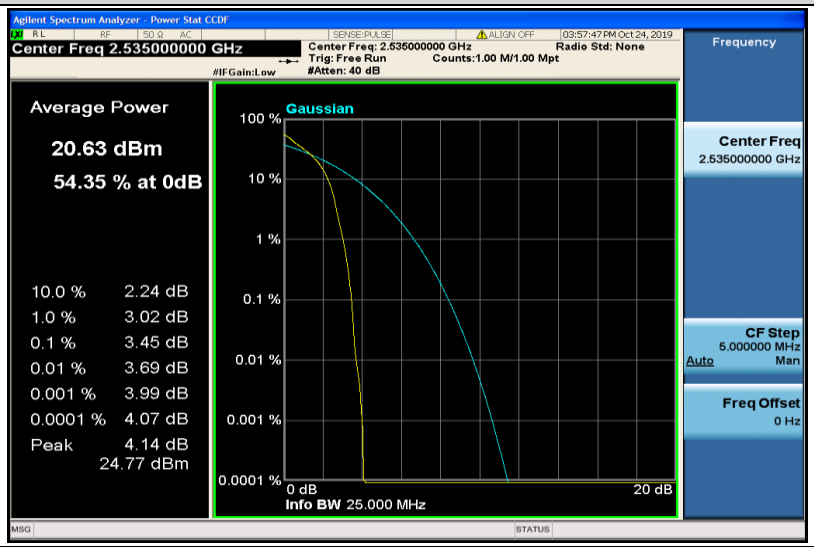


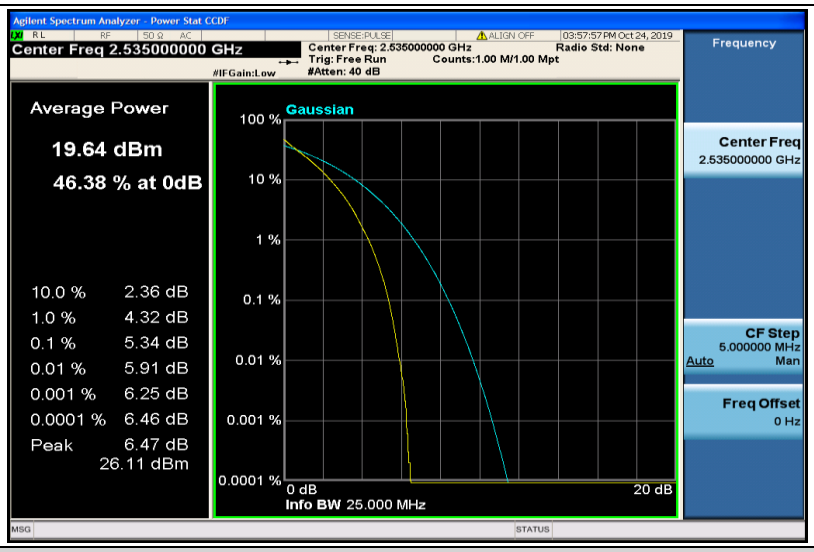
Band7-20MHz-QPSK-20850-1RB#0



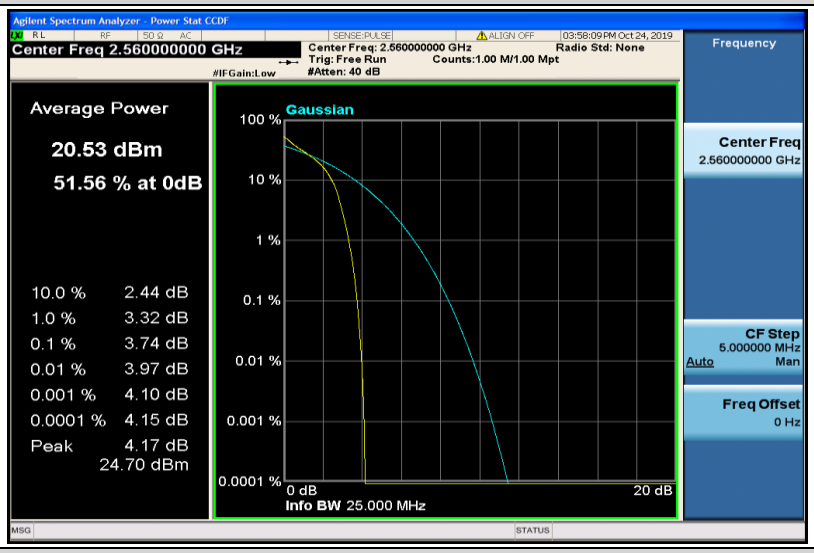
Band7-20MHz-QPSK-20850-100RB#0



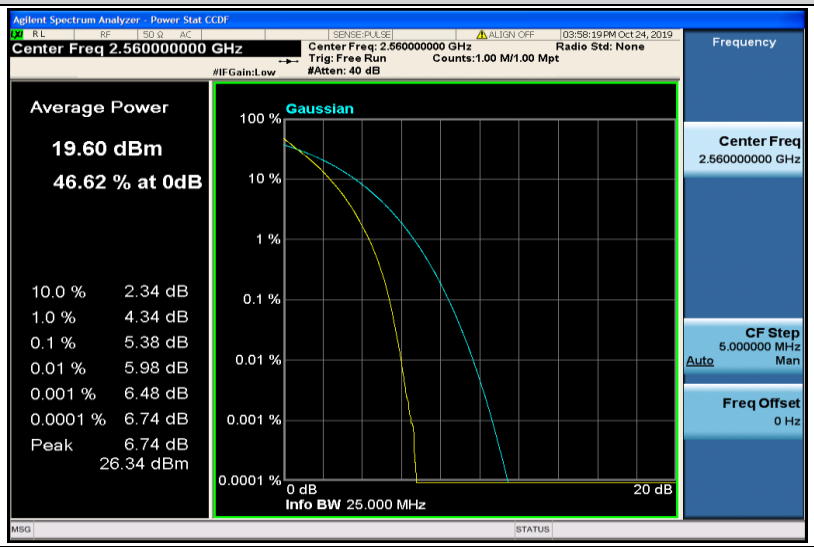
Band7-20MHz-QPSK-21100-1RB#0



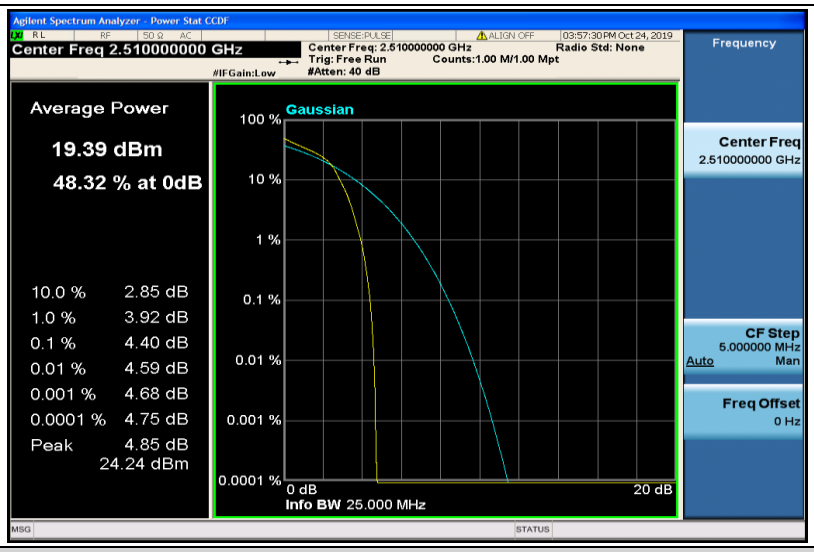
Band7-20MHz-QPSK-21100-100RB#0



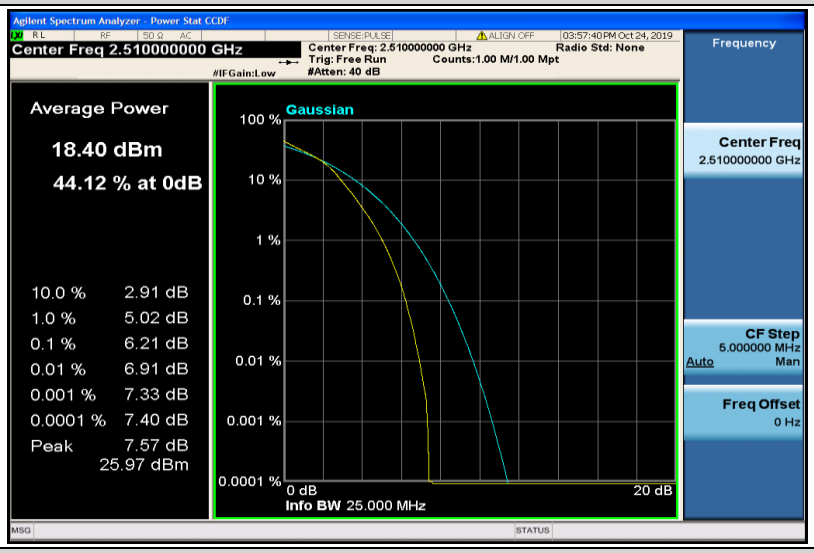
Band7-20MHz-QPSK-21350-1RB#0



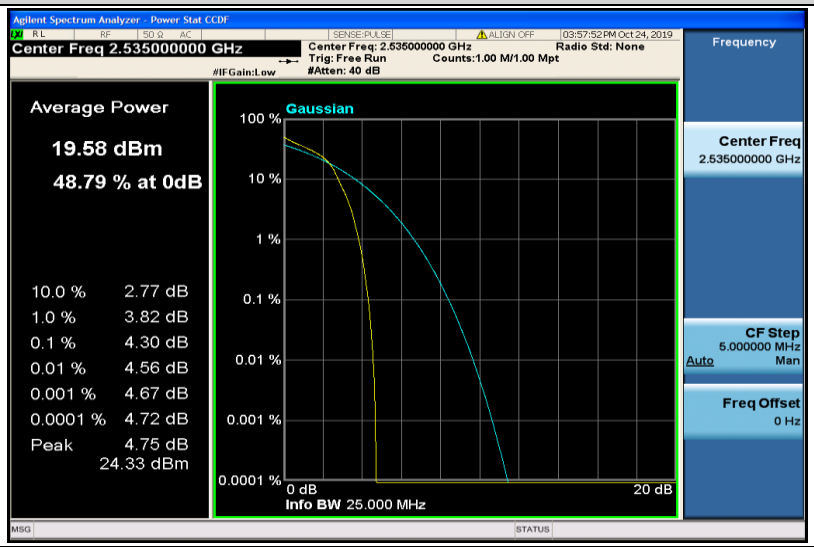
Band7-20MHz-QPSK-21350-100RB#0



Band7-20MHz-16QAM-20850-1RB#0

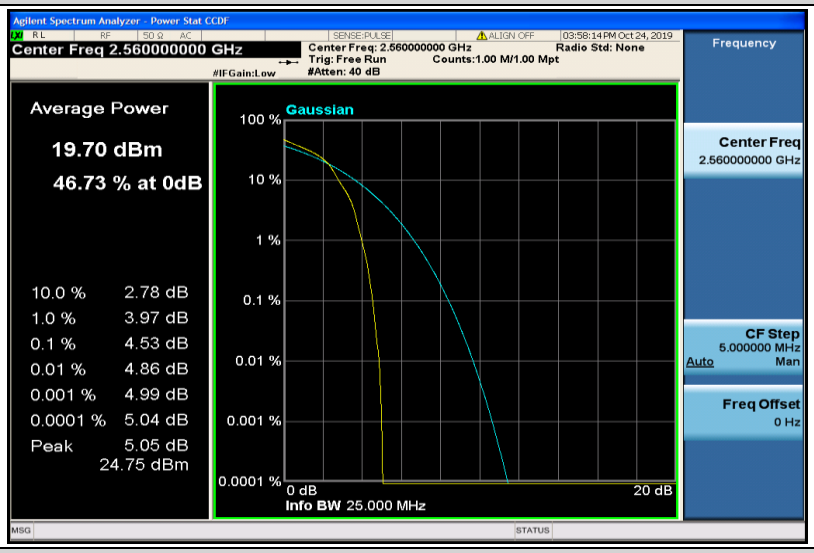


Band7-20MHz-16QAM-20850-100RB#0

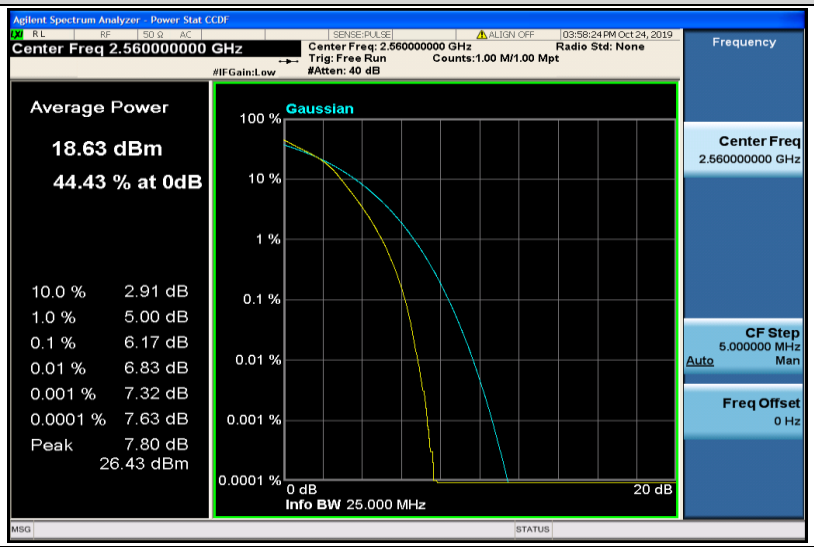


Band7-20MHz-16QAM-21100-1RB#0

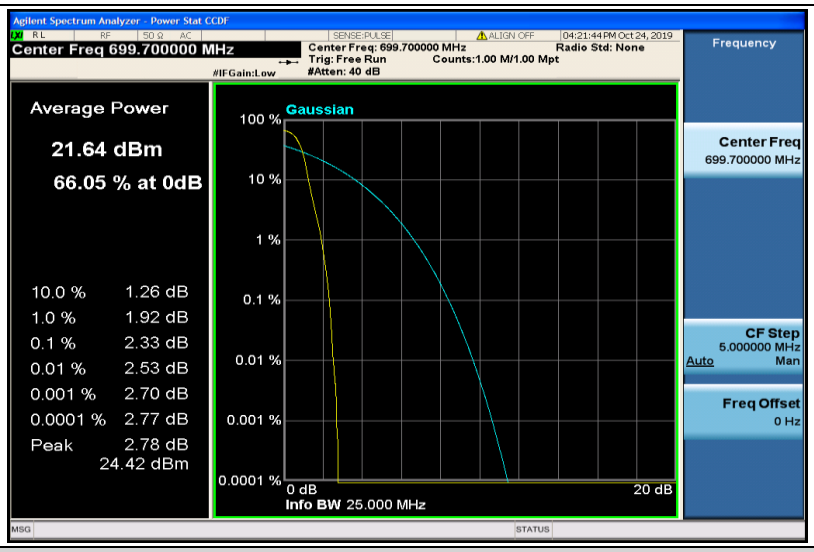
Band7-20MHz-16QAM-21100-100RB#0



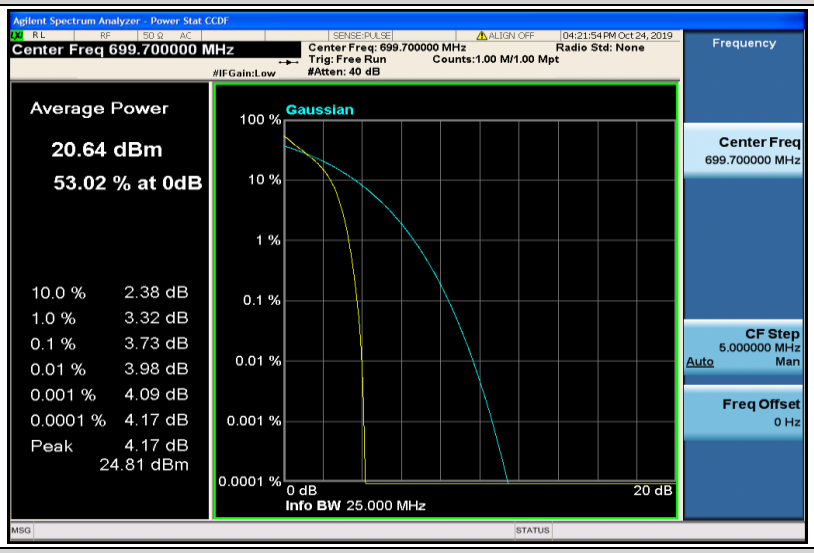
Band7-20MHz-16QAM-21350-1RB#0



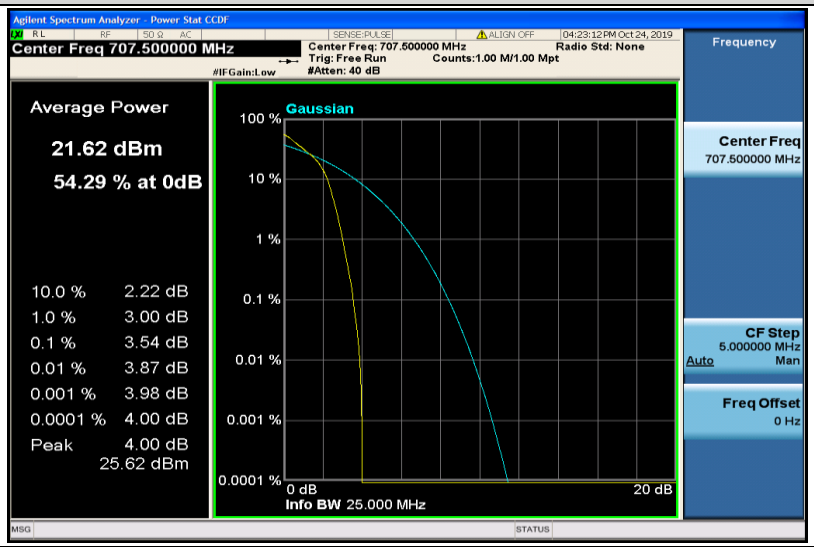
Band7-20MHz-16QAM-21350-100RB#0



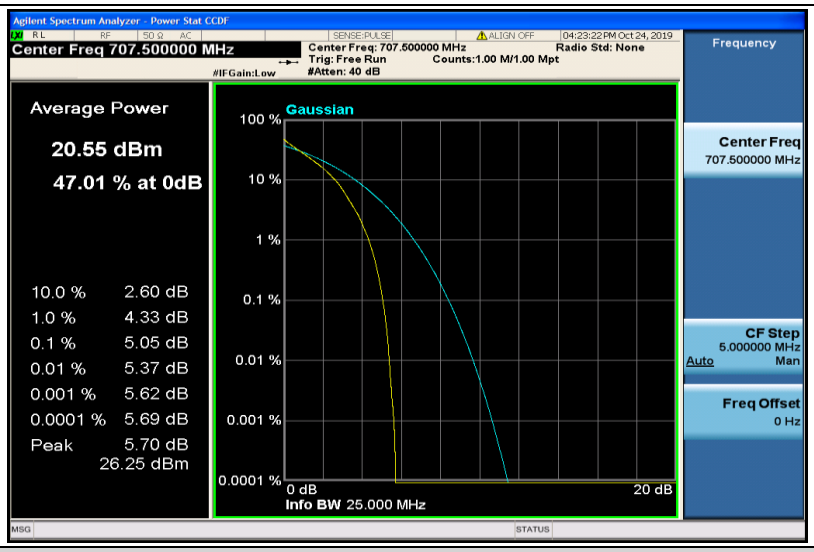
Band12-1.4MHz-QPSK-23017-1RB#0



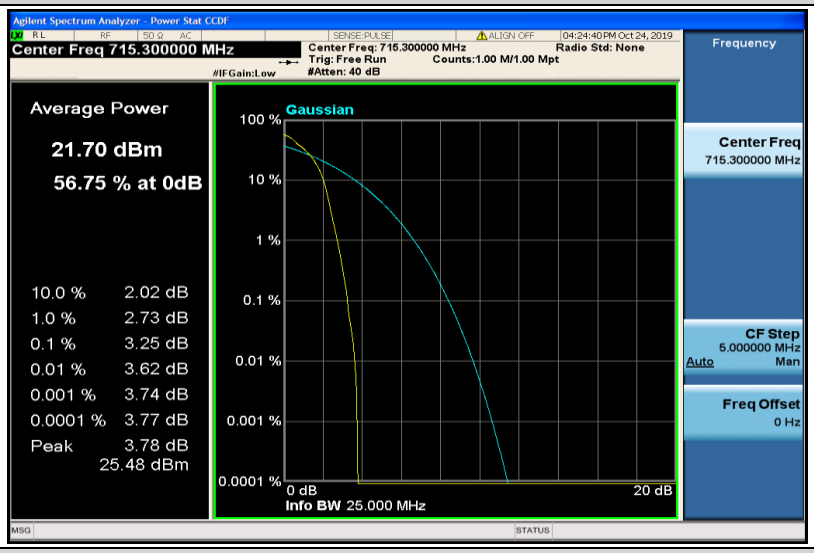
Band12-1.4MHz-QPSK-23017-6RB#0



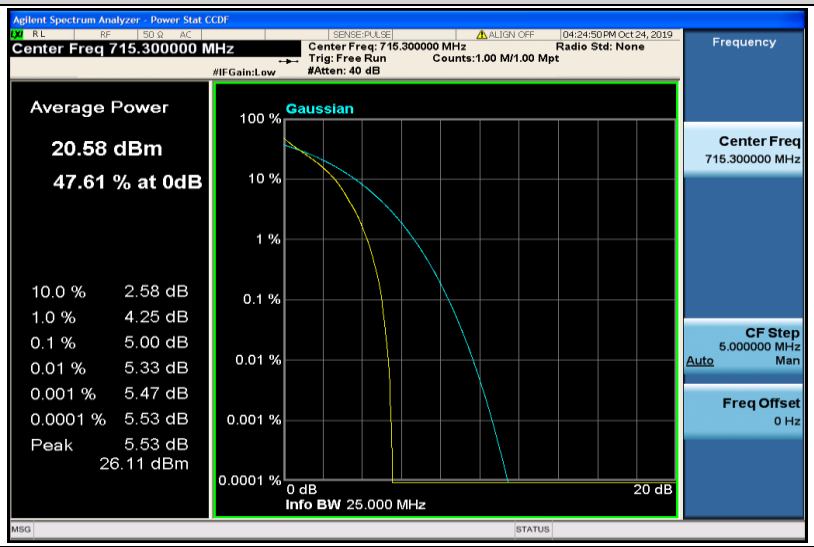
Band12-1.4MHz-QPSK-23095-1RB#0



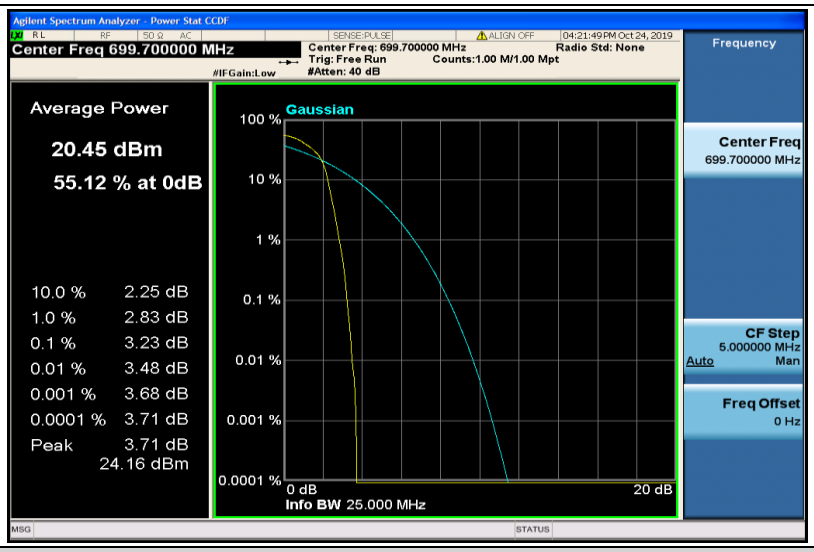
Band12-1.4MHz-QPSK-23095-6RB#0



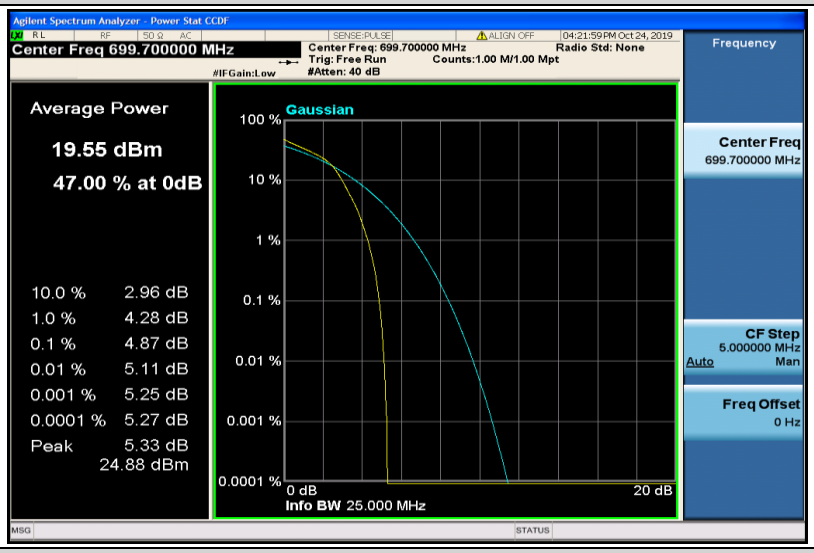
Band12-1.4MHz-QPSK-23173-1RB#0



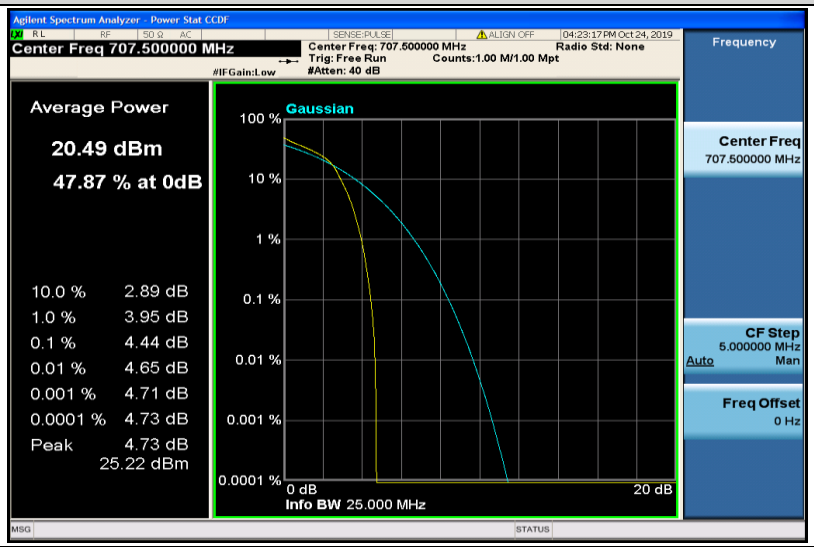
Band12-1.4MHz-QPSK-23173-6RB#0



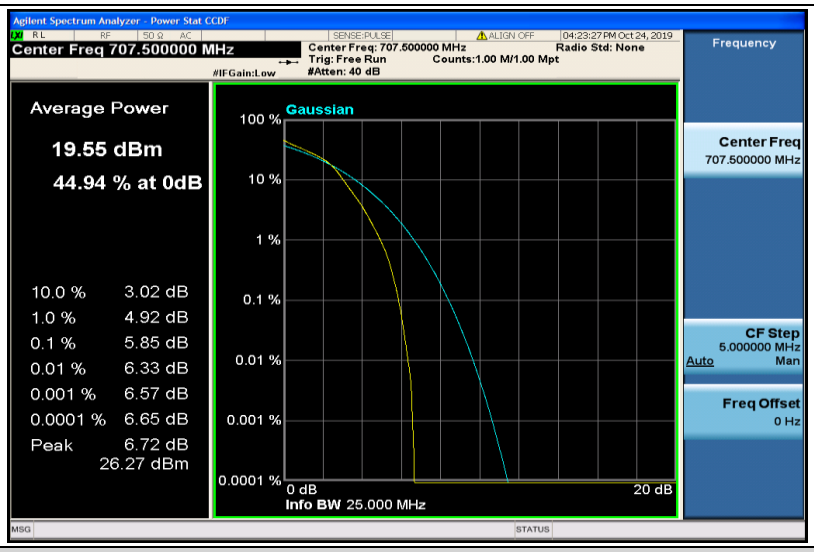
Band12-1.4MHz-16QAM-23017-1RB#0



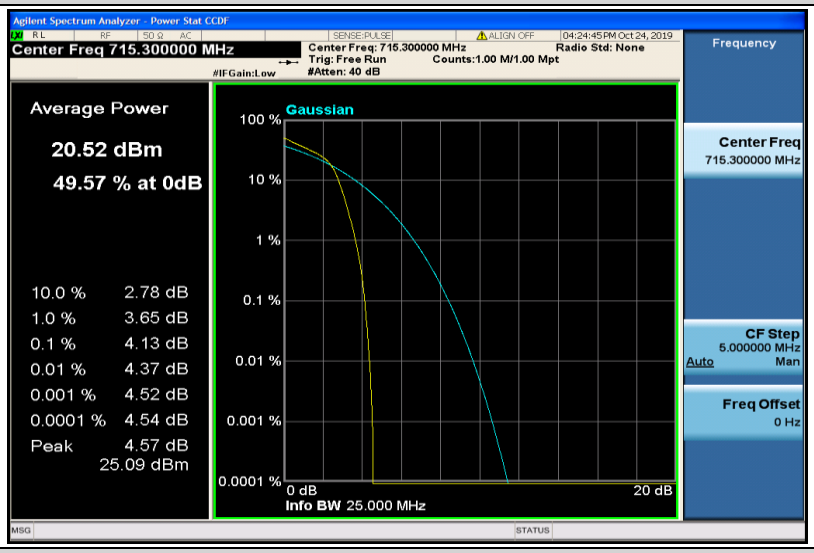
Band12-1.4MHz-16QAM-23017-6RB#0



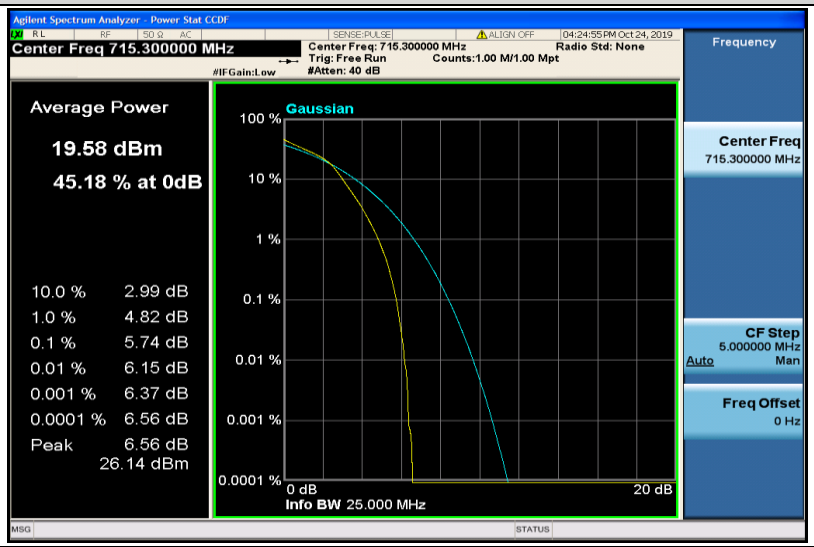
Band12-1.4MHz-16QAM-23095-1RB#0



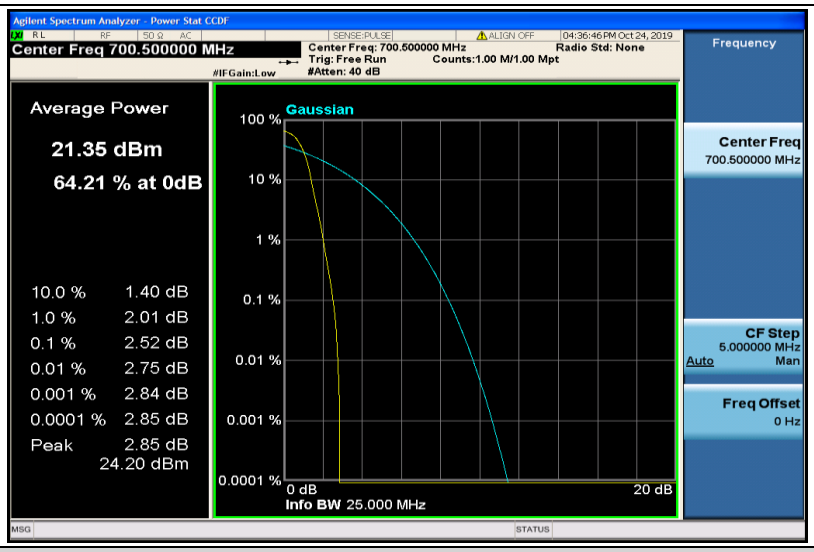
Band12-1.4MHz-16QAM-23095-6RB#0



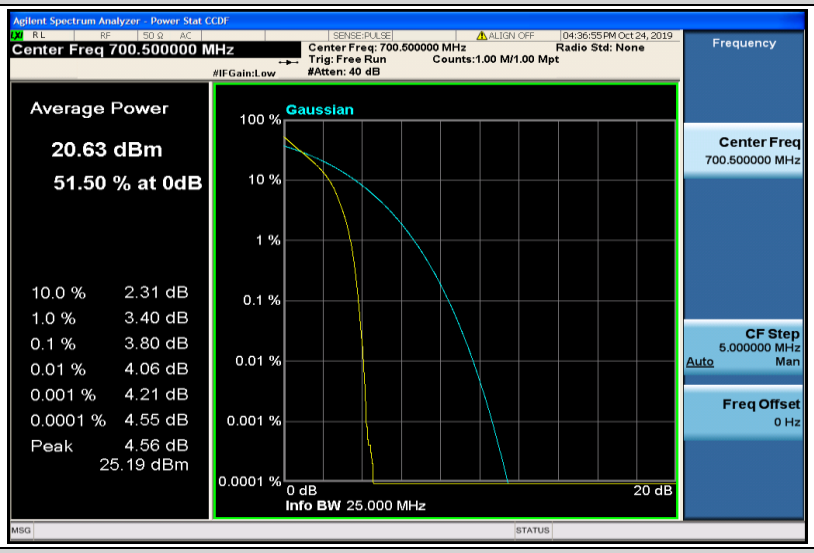
Band12-1.4MHz-16QAM-23173-1RB#0



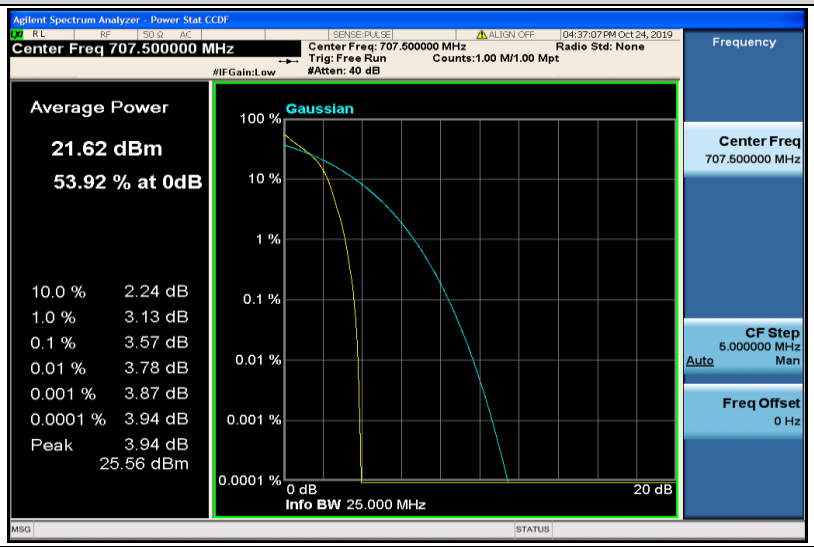
Band12-1.4MHz-16QAM-23173-6RB#0



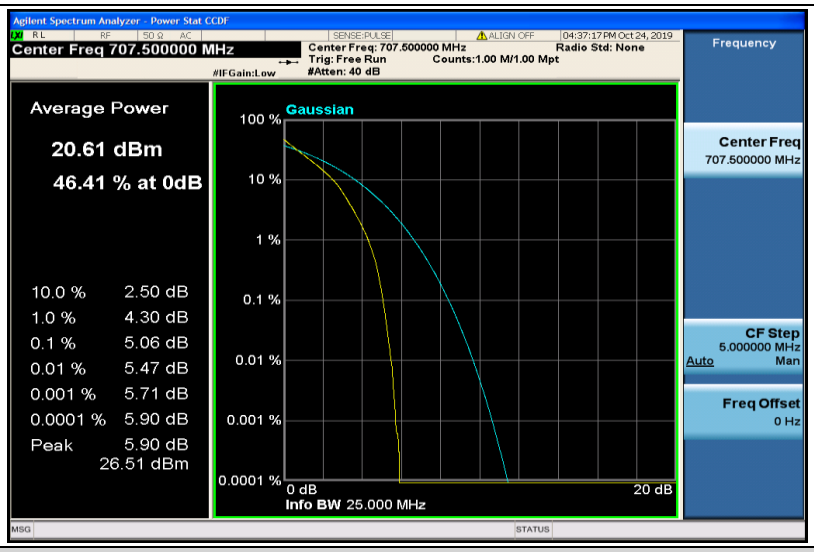
Band12-3MHz-QPSK-23025-1RB#0



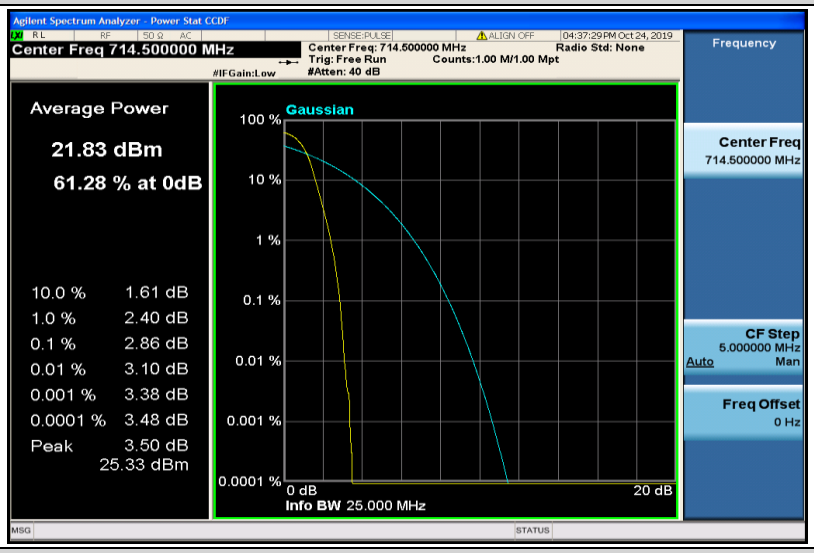
Band12-3MHz-QPSK-23025-15RB#0



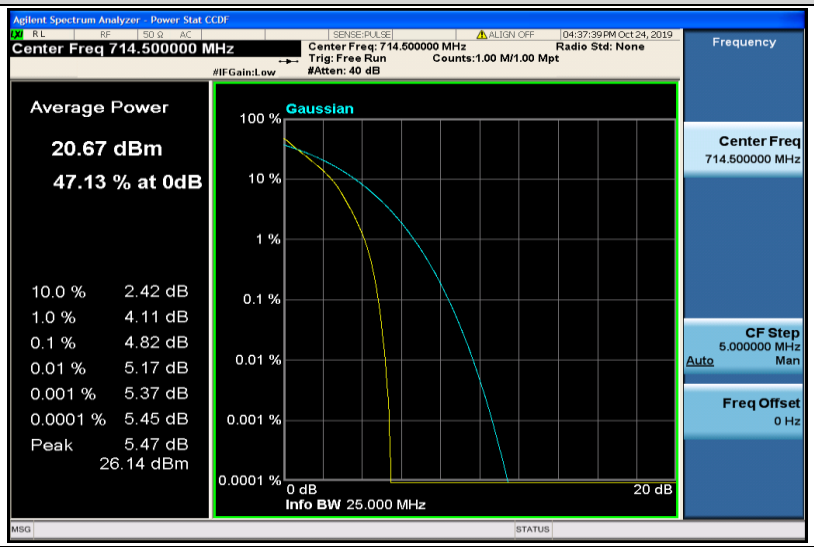
Band12-3MHz-QPSK-23095-1RB#0



Band12-3MHz-QPSK-23095-15RB#0

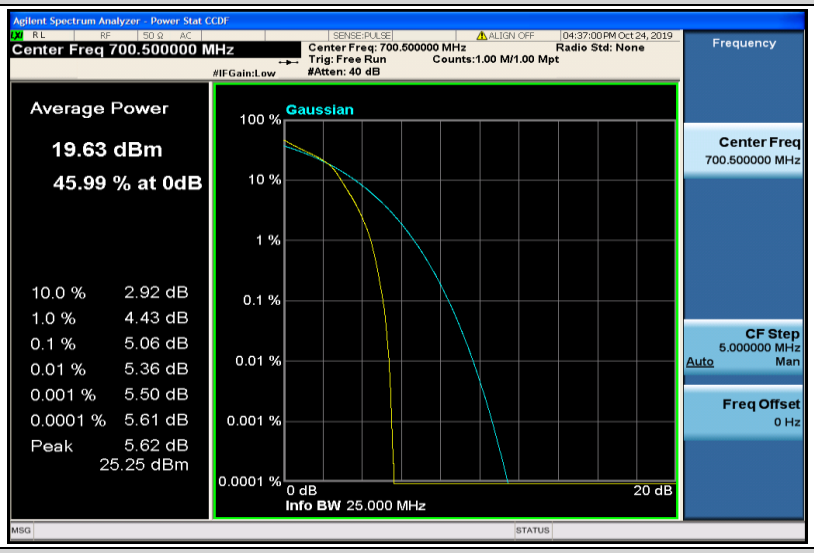


Band12-3MHz-QPSK-23165-1RB#0

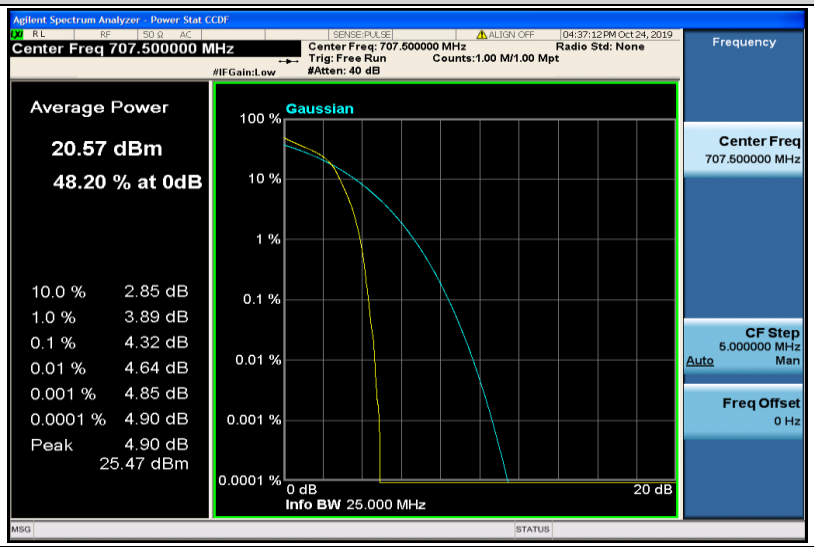


Band12-3MHz-QPSK-23165-15RB#0

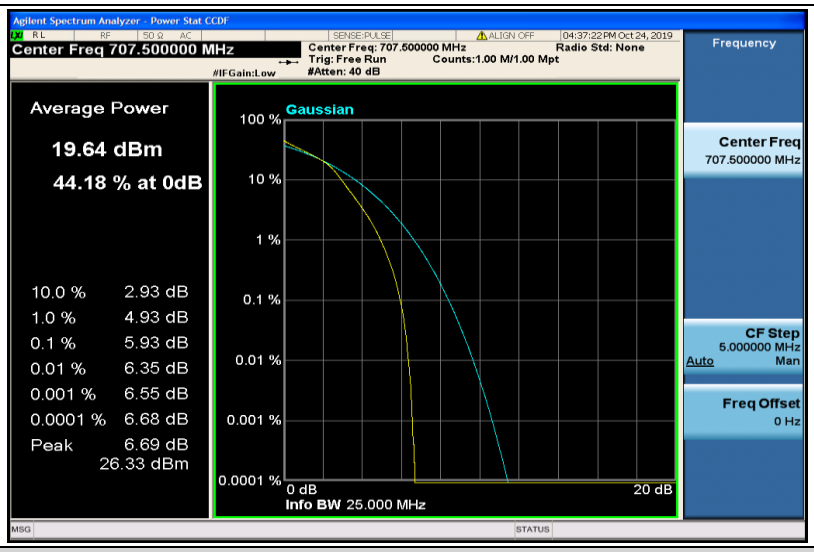
Band12-3MHz-16QAM-23025-1RB#0



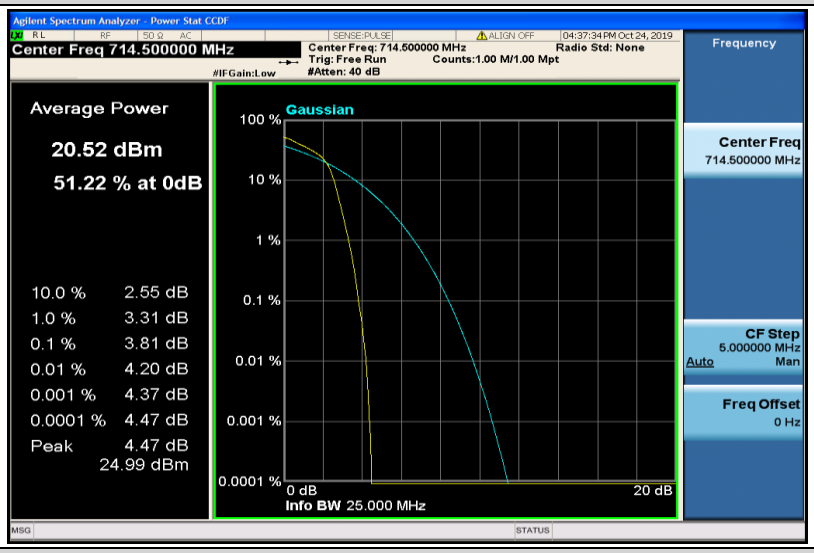
Band12-3MHz-16QAM-23025-15RB#0



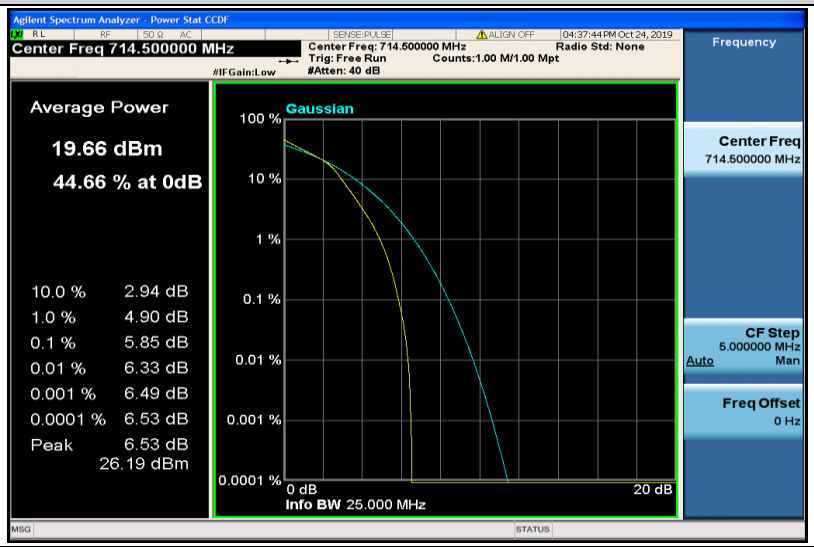
Band12-3MHz-16QAM-23095-1RB#0



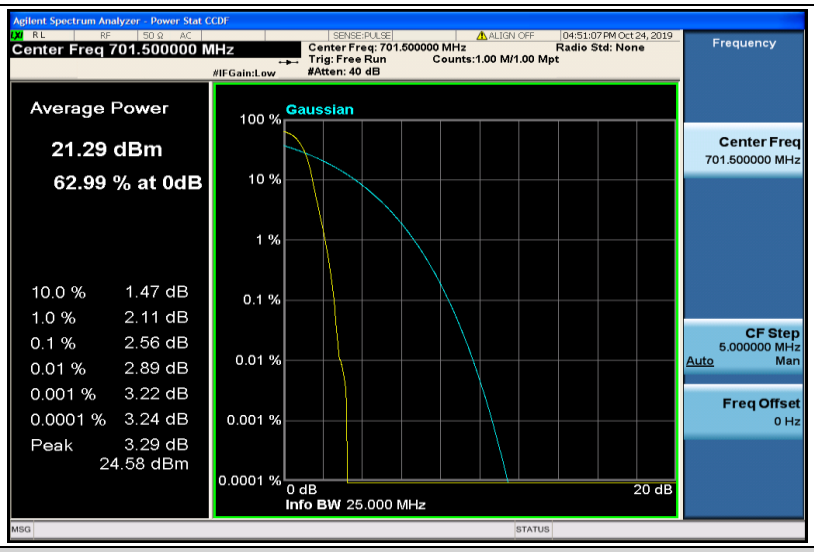
Band12-3MHz-16QAM-23095-15RB#0



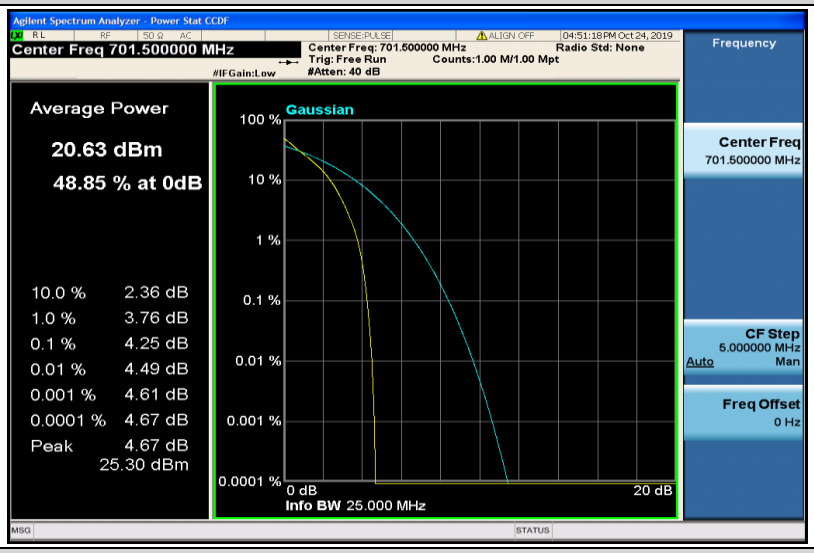
Band12-3MHz-16QAM-23165-1RB#0



Band12-3MHz-16QAM-23165-15RB#0



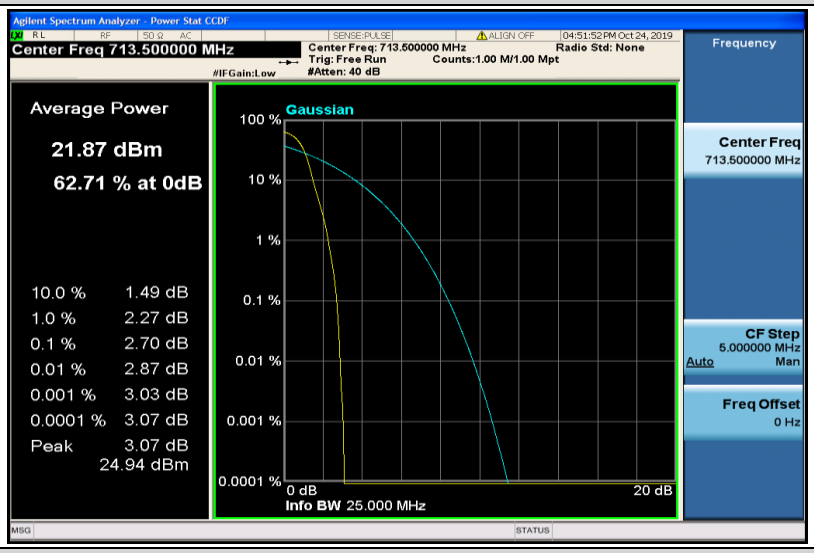
Band12-5MHz-QPSK-23035-1RB#0



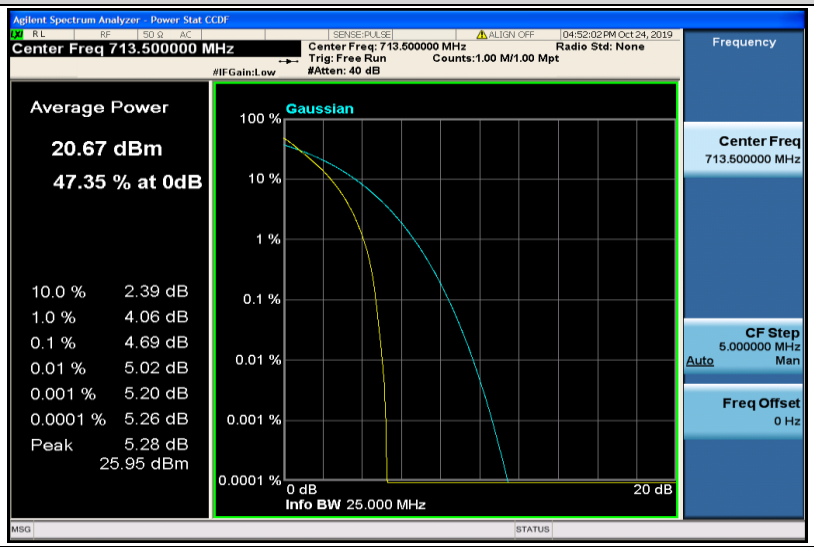
Band12-5MHz-QPSK-23035-25RB#0

Band12-5MHz-QPSK-23095-1RB#0

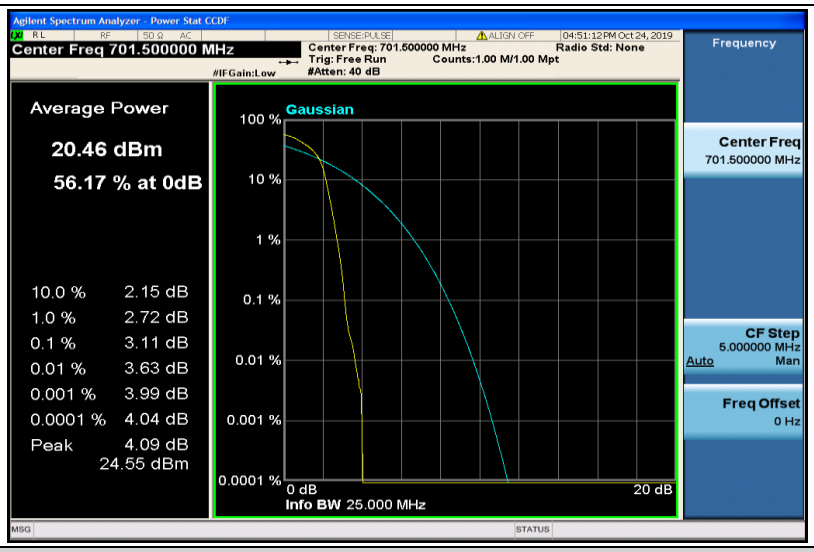
Band12-5MHz-QPSK-23095-25RB#0



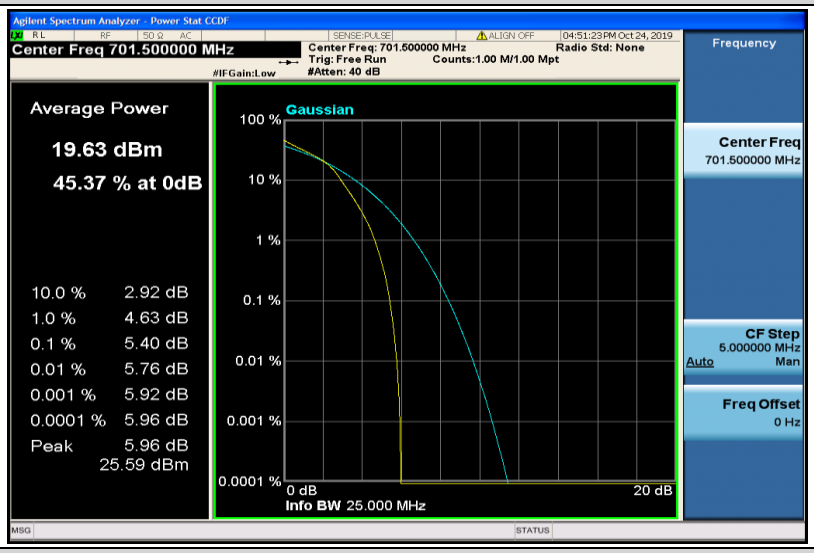
Band12-5MHz-QPSK-23155-1RB#0



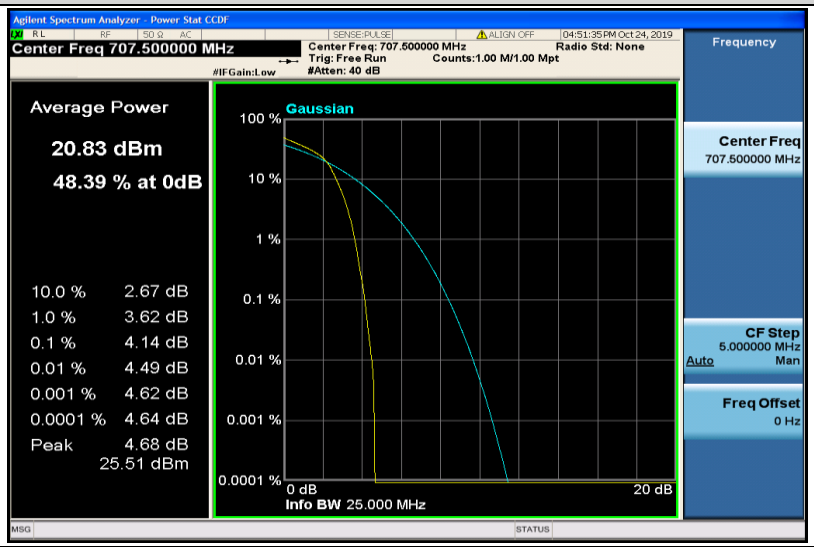
Band12-5MHz-QPSK-23155-25RB#0



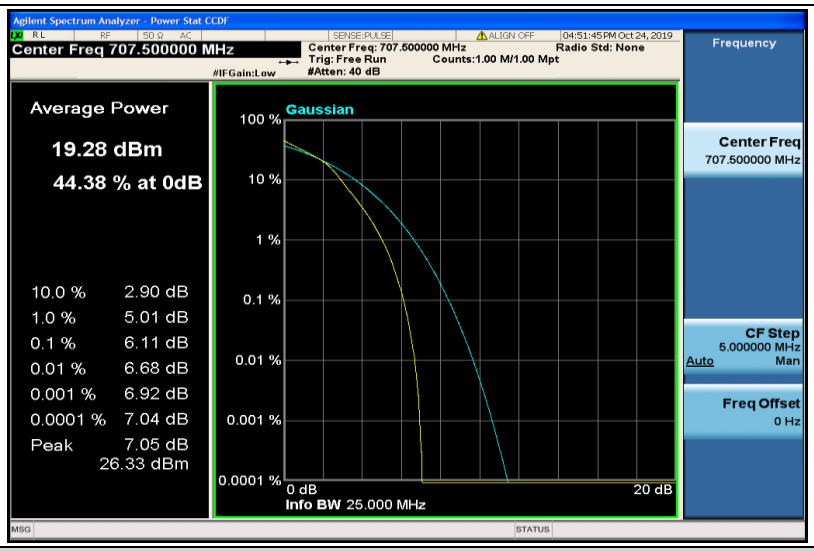
Band12-5MHz-16QAM-23035-1RB#0



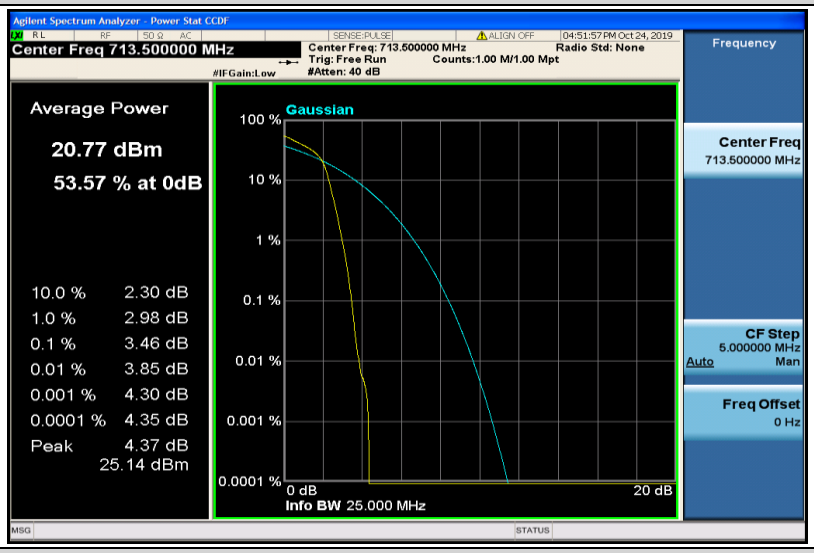
Band12-5MHz-16QAM-23035-25RB#0



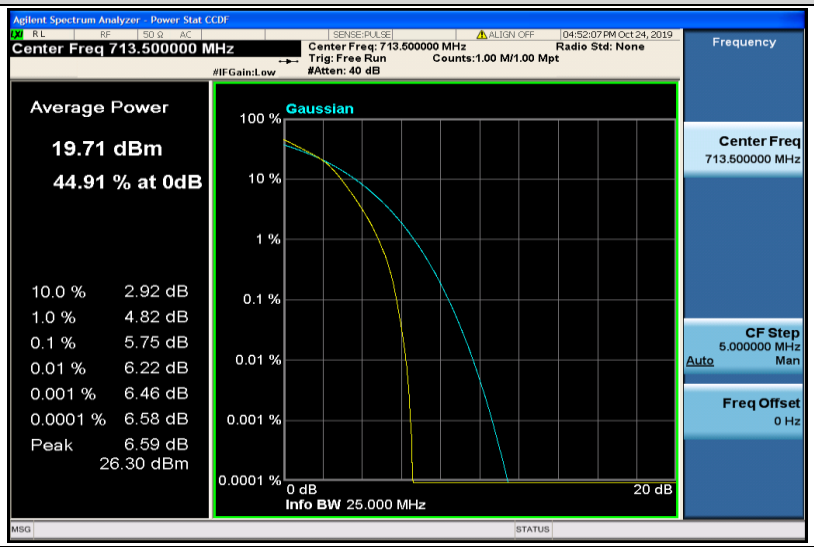
Band12-5MHz-16QAM-23095-1RB#0



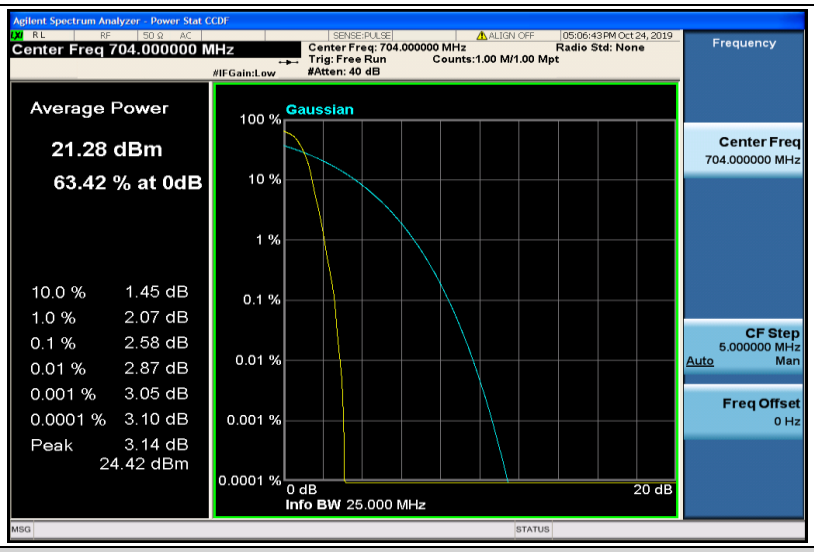
Band12-5MHz-16QAM-23095-25RB#0



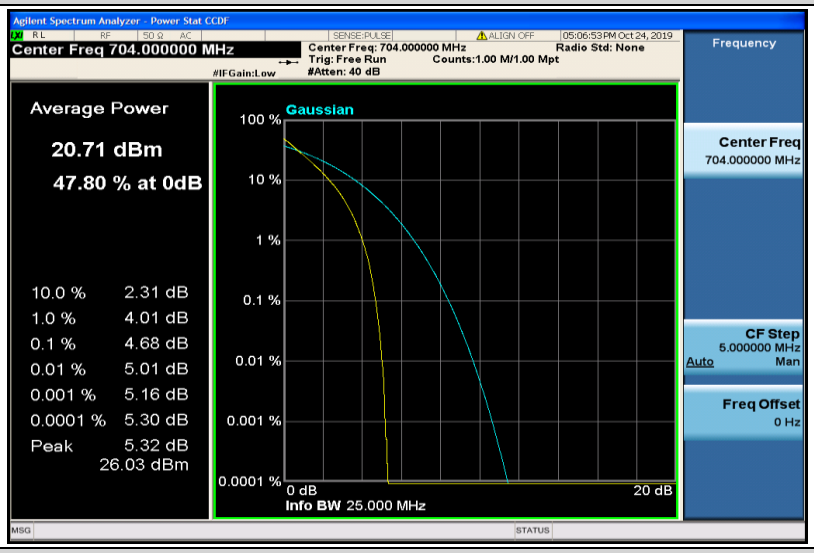
Band12-5MHz-16QAM-23155-1RB#0



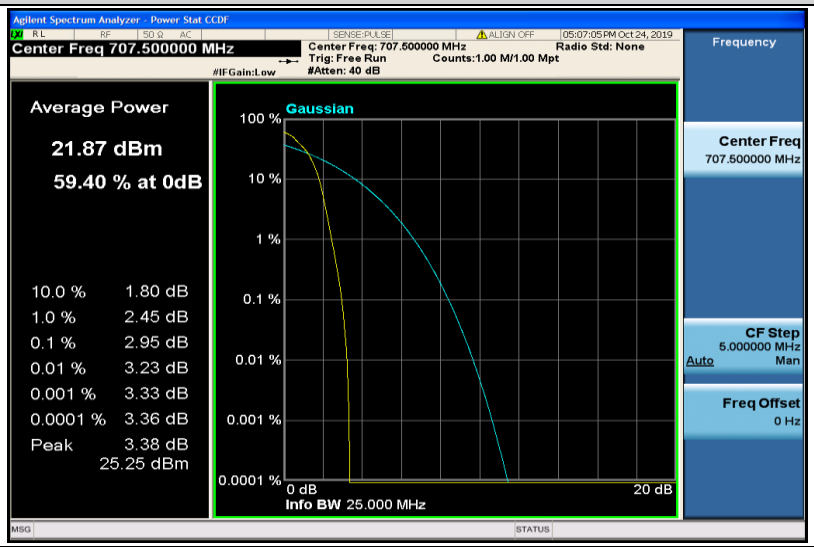
Band12-5MHz-16QAM-23155-25RB#0



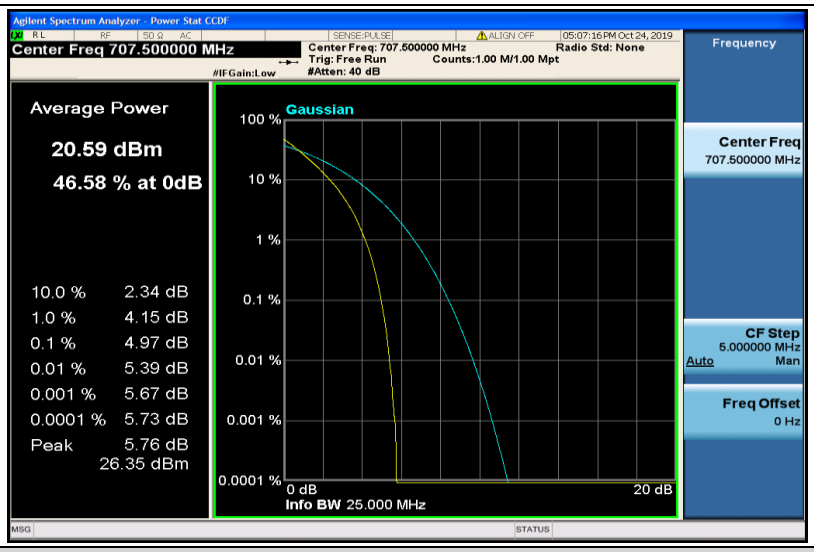
Band12-10MHz-QPSK-23060-1RB#0



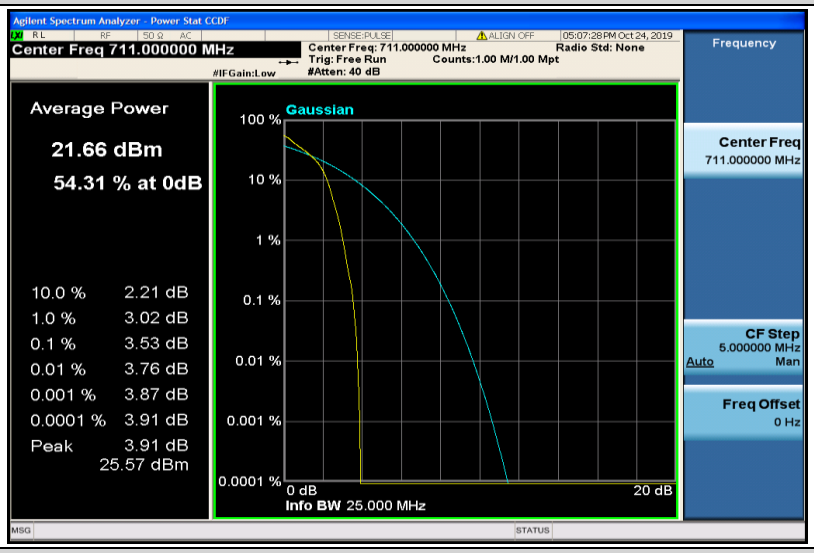
Band12-10MHz-QPSK-23060-50RB#0



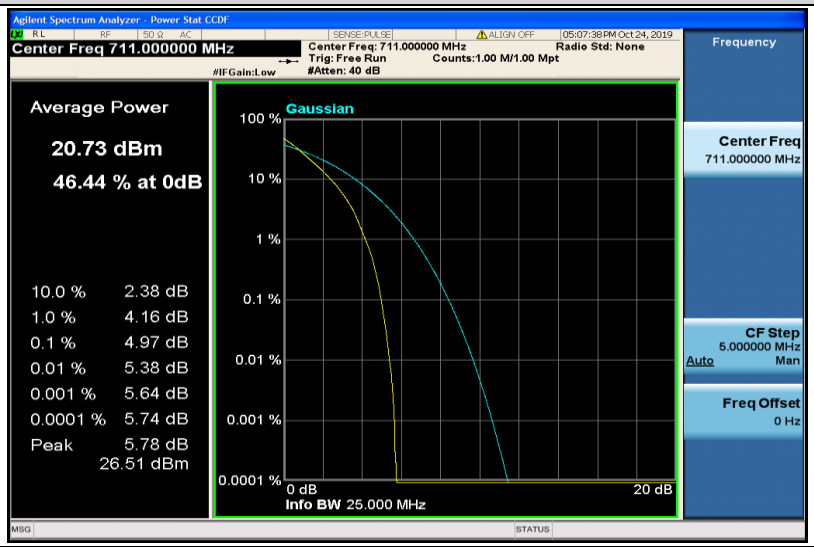
Band12-10MHz-QPSK-23095-1RB#0



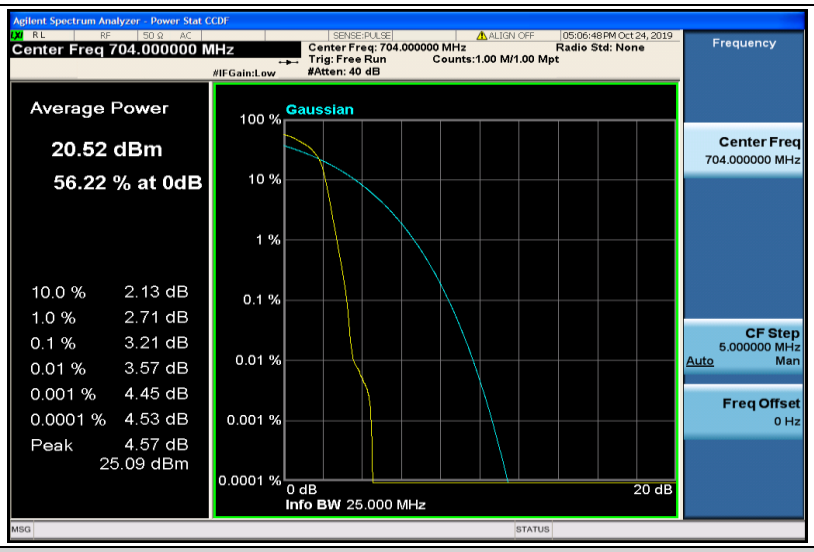
Band12-10MHz-QPSK-23095-50RB#0



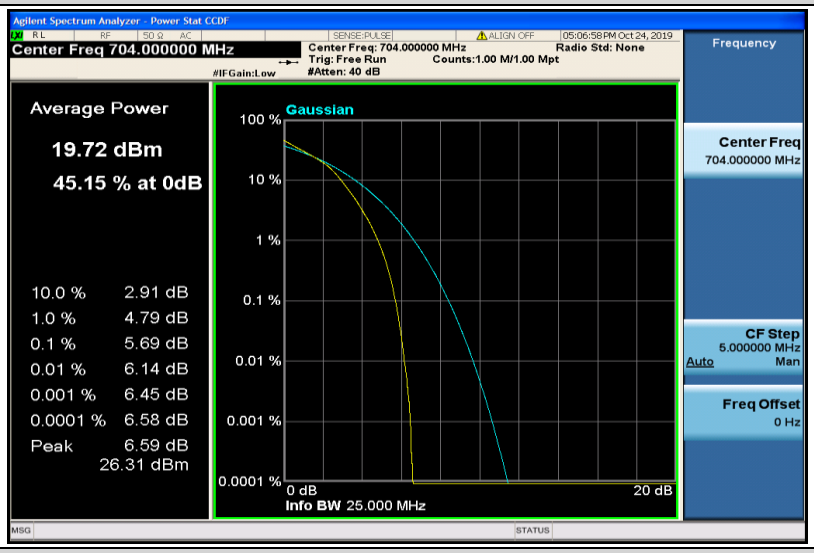
Band12-10MHz-QPSK-23130-1RB#0



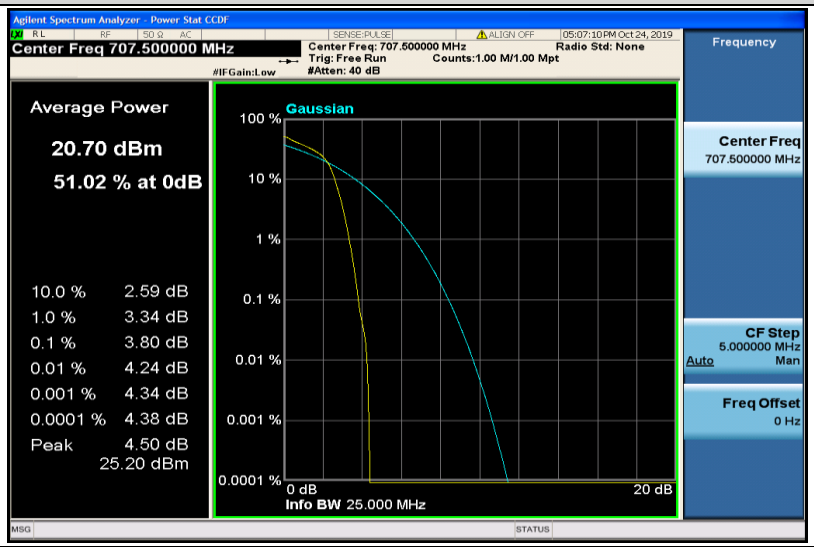
Band12-10MHz-QPSK-23130-50RB#0



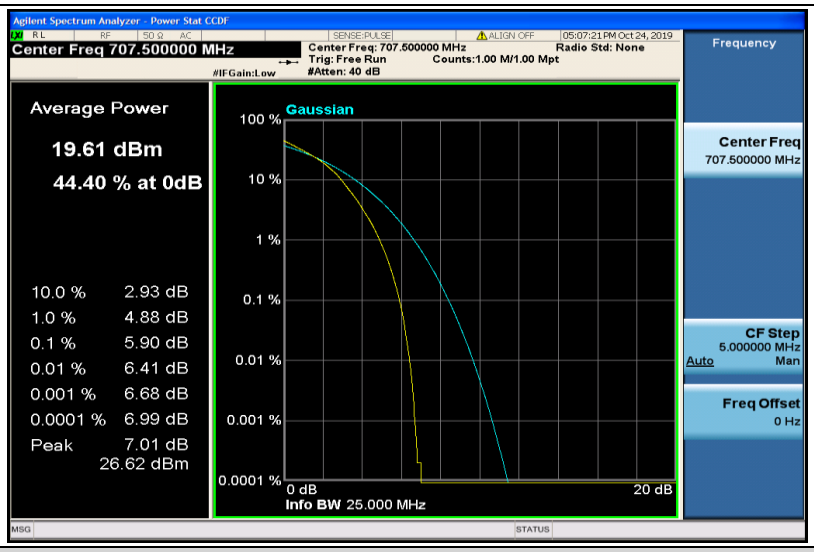
Band12-10MHz-16QAM-23060-1RB#0



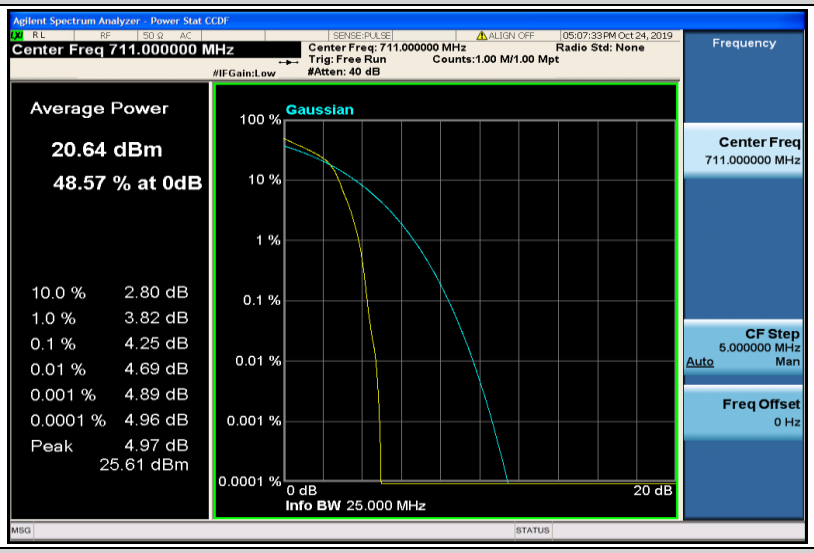
Band12-10MHz-16QAM-23060-50RB#0



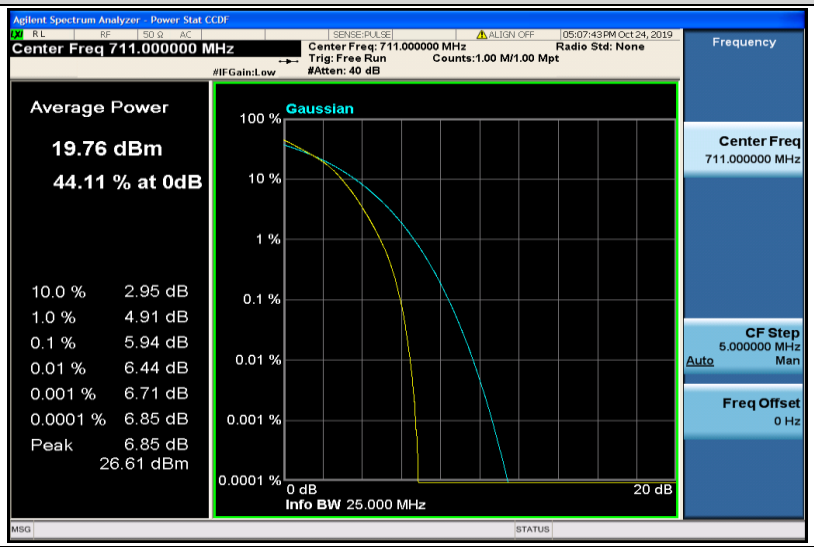
Band12-10MHz-16QAM-23095-1RB#0



Band12-10MHz-16QAM-23095-50RB#0



Band12-10MHz-16QAM-23130-1RB#0



Band12-10MHz-16QAM-23130-50RB#0

Appendix C: 26dB Bandwidth and Occupied Bandwidth

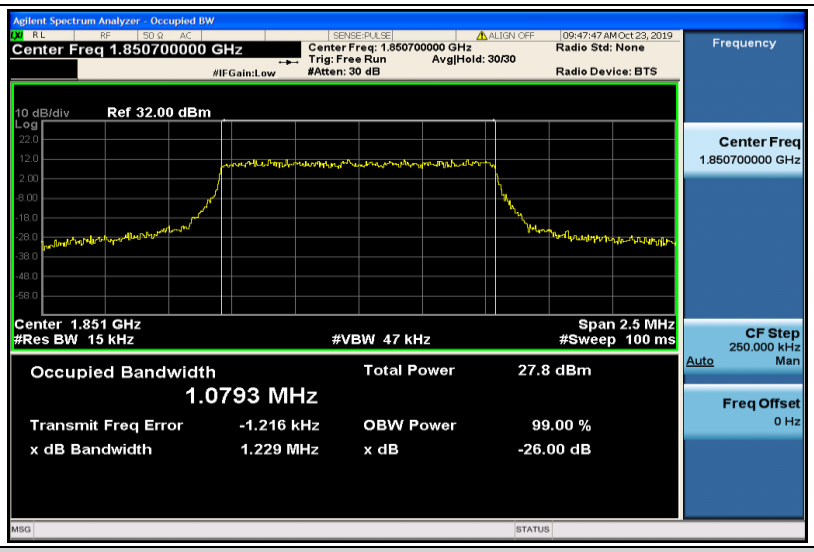
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0793	1.229	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0779	1.233	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0766	1.228	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0816	1.234	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0812	1.246	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0802	1.239	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6815	2.893	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6870	2.908	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6840	2.898	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6822	2.910	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6797	2.891	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6840	2.923	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4885	4.987	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4754	4.929	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4846	4.924	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4826	4.919	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4883	4.953	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4847	4.984	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9417	9.798	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9463	9.795	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9252	9.575	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9310	9.651	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9471	9.736	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9217	9.675	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.417	14.60	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.425	14.64	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.381	14.59	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.410	14.54	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.428	14.48	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.416	14.51	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.842	19.05	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.906	19.51	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.874	19.27	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.855	19.17	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.882	19.30	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.904	19.13	PASS

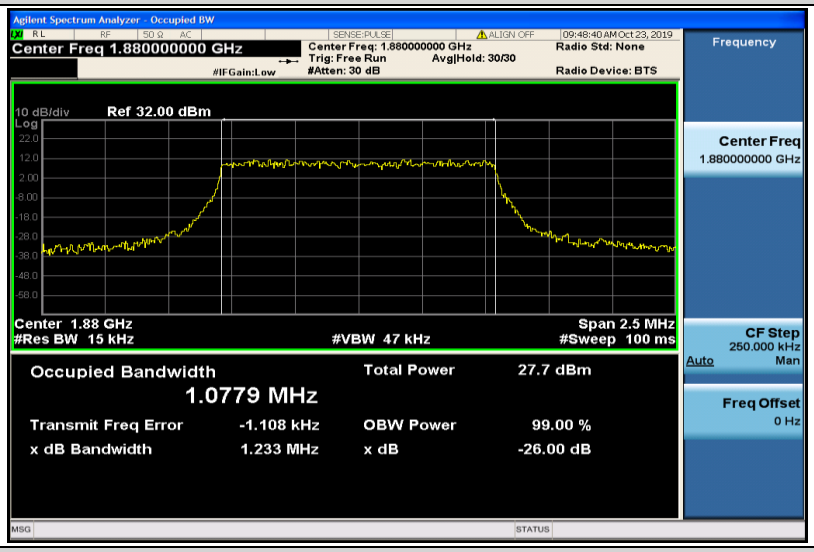
Band4	1.4MHz	QPSK	19957	6RB#0	1.0863	1.241	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0800	1.244	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0798	1.293	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0816	1.228	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0764	1.217	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0844	1.270	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6843	2.936	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6870	2.888	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6820	2.903	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6814	2.908	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6807	2.914	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6767	2.938	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4899	4.999	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4802	4.976	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4875	4.985	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4849	4.946	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4890	4.992	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4949	4.962	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9422	9.802	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9458	9.819	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9416	9.602	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9300	9.613	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9444	9.761	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9255	9.618	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.401X	10.31	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.444	14.57	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.362	14.43	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.397	14.50	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.421	14.50	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.383	14.43	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.846	19.08	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.901	19.42	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.796	19.23	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.841	19.13	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.905	19.37	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.839	19.11	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.4790	4.956	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4817	4.974	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4932	4.972	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4884	4.973	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4878	4.966	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4838	4.908	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9480	9.726	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9470	9.730	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9366	9.585	PASS

Band7	10MHz	16QAM	20800	50RB#0	8.9344	9.625	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9486	9.697	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9318	9.629	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.441	14.60	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.413	14.63	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.388	15.56	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.417	14.57	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.439	14.49	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.394	14.50	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.923	20.73	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.829	19.12	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.900	27.07	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.874	19.37	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.879	19.33	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.837	19.21	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1.0785	1.256	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0762	1.229	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0791	1.228	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0824	1.257	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0817	1.243	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0804	1.253	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6833	2.891	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6854	2.908	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6798	2.901	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6829	2.915	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6799	2.902	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6789	2.919	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4967	5.000	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4694	4.932	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4912	4.942	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4857	4.953	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4814	4.971	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4942	4.969	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9531	9.757	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9375	9.686	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9662	9.756	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9336	9.629	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9353	9.657	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9756	9.801	PASS

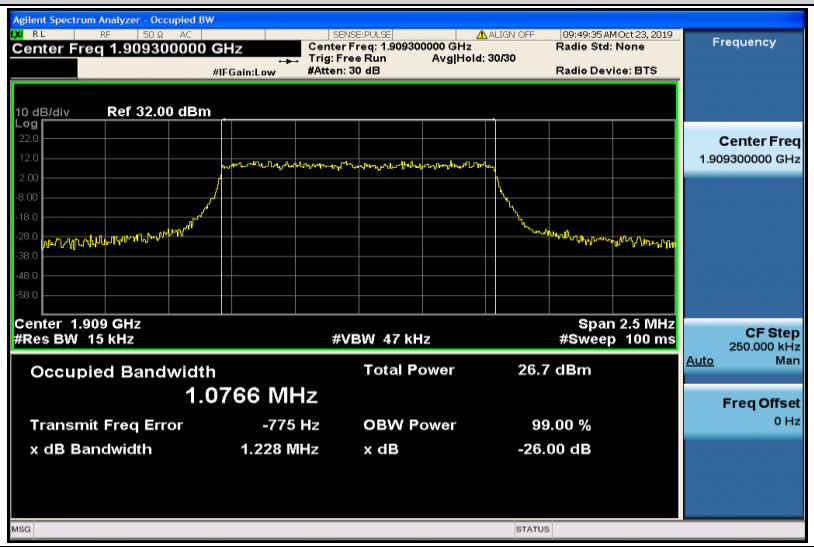
Test Graphs



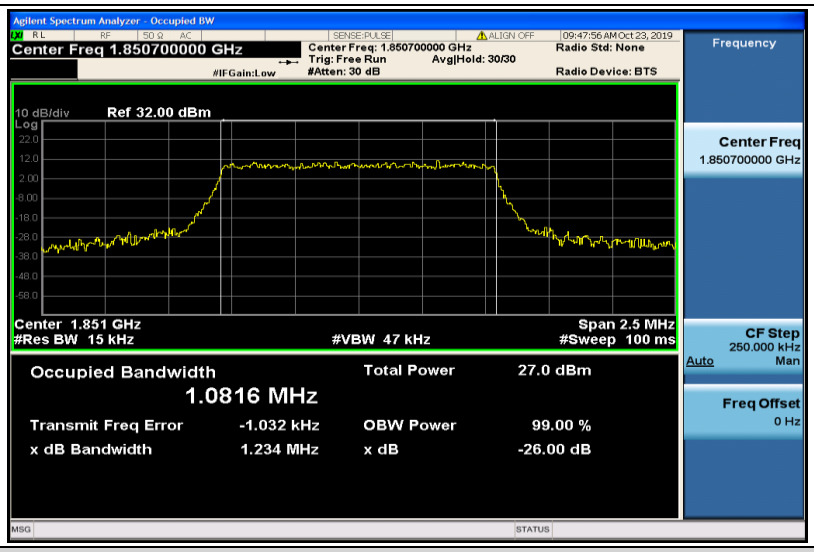
Band2-1.4MHz-QPSK-18607-6RB#0-1.0793



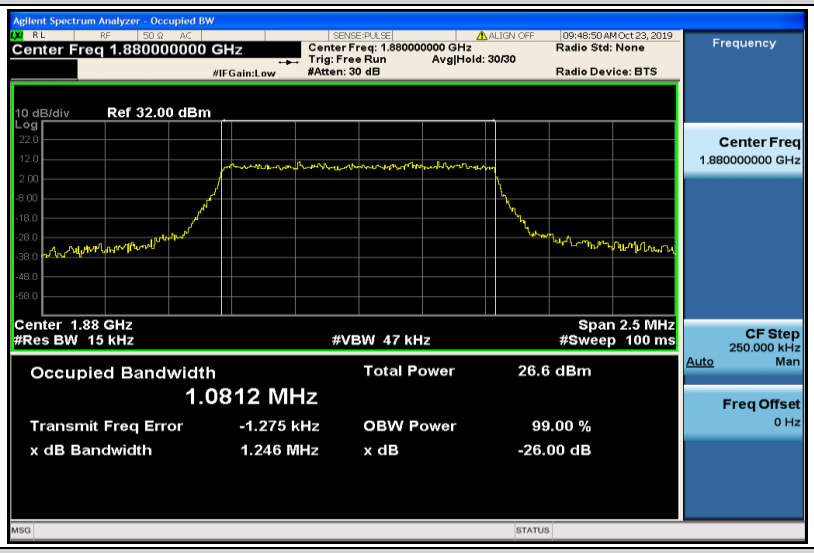
Band2-1.4MHz-QPSK-18900-6RB#0-1.0779



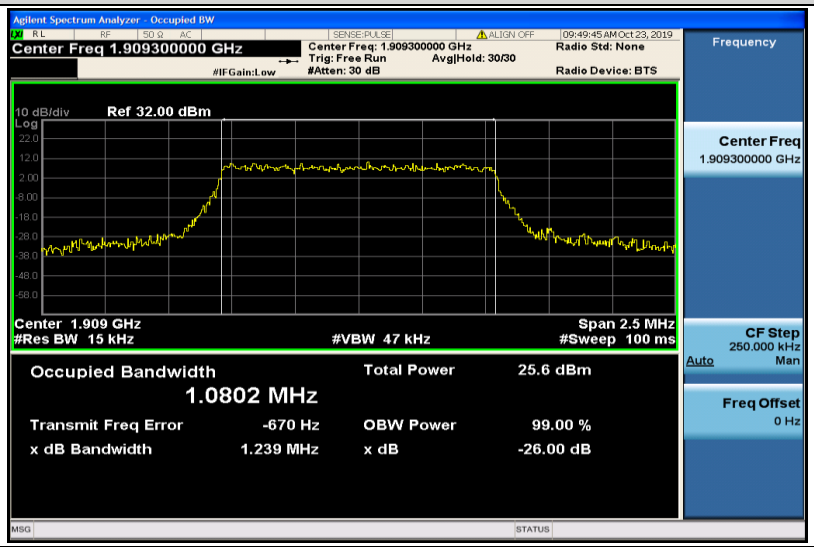
Band2-1.4MHz-QPSK-19193-6RB#0-1.0766



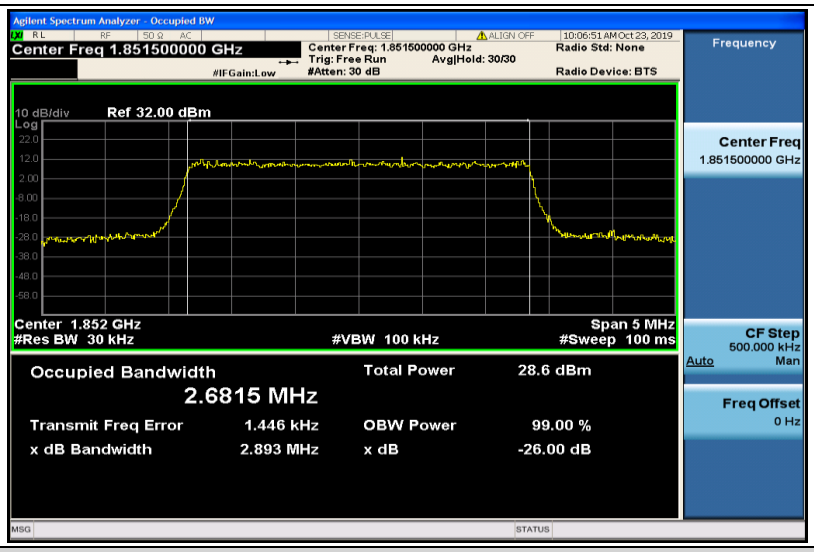
Band2-1.4MHz-16QAM-18607-6RB#0-1.0816



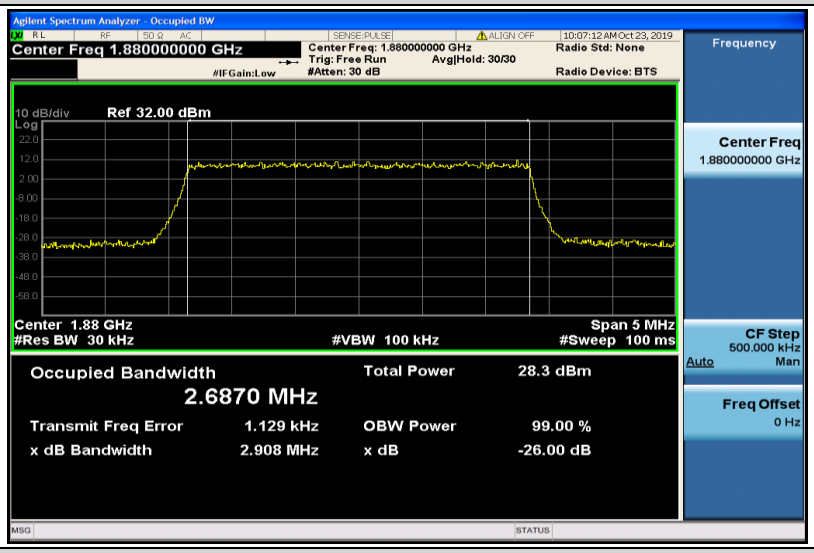
Band2-1.4MHz-16QAM-18900-6RB#0-1.0812



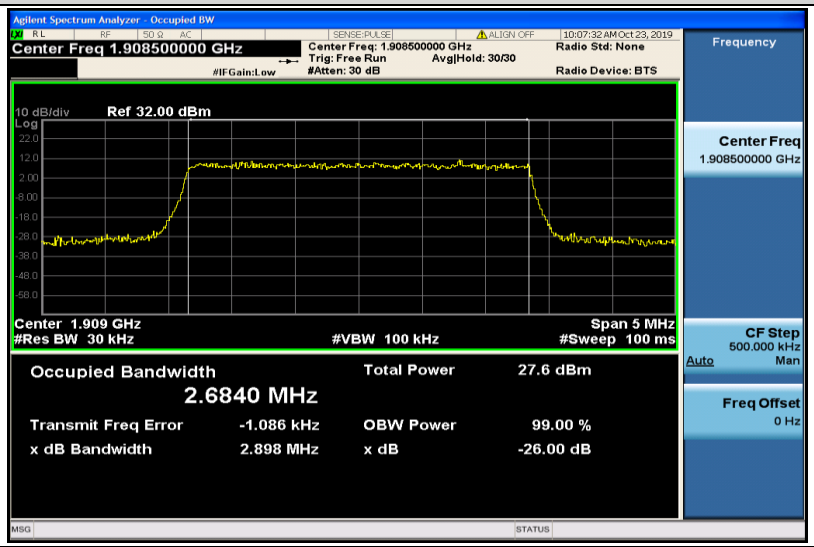
Band2-1.4MHz-16QAM-19193-6RB#0-1.0802



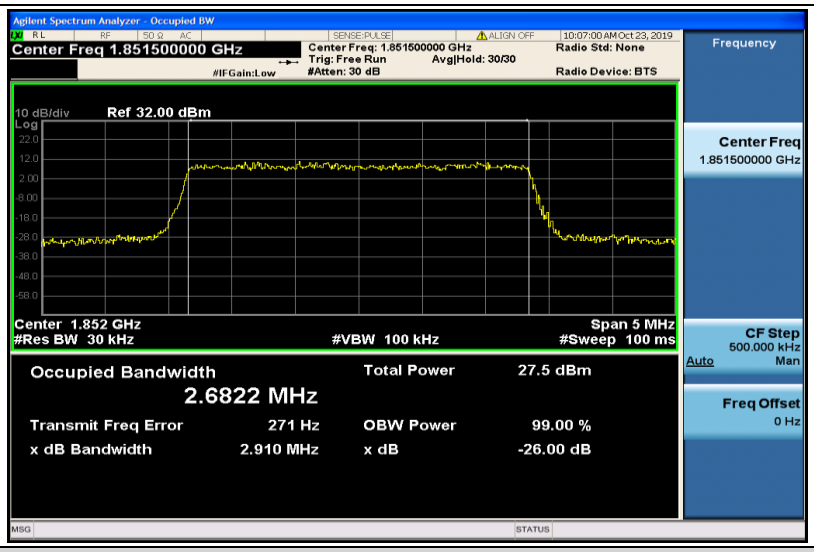
Band2-3MHz-QPSK-18615-15RB#0-2.6815



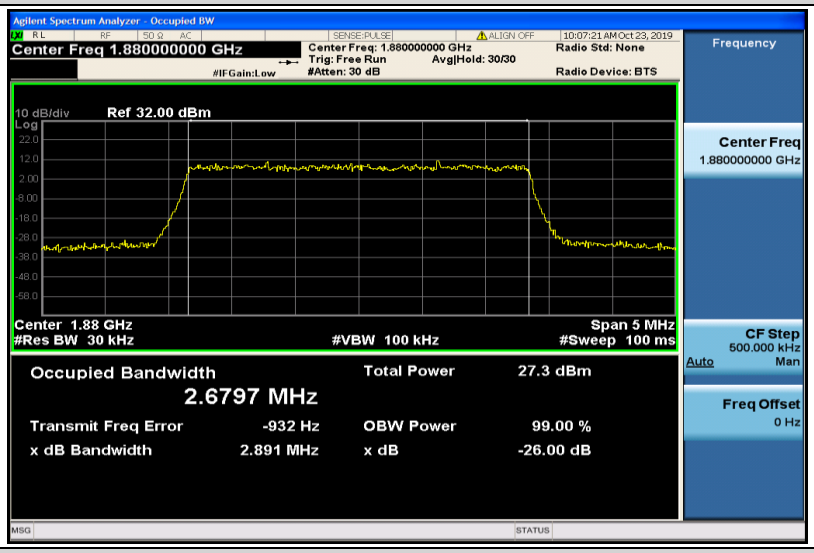
Band2-3MHz-QPSK-18900-15RB#0-2.6870



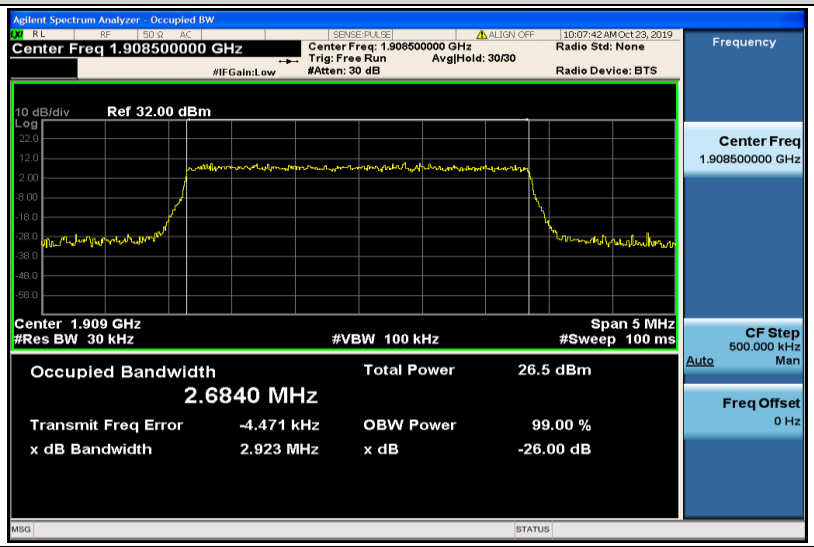
Band2-3MHz-QPSK-19185-15RB#0-2.6840



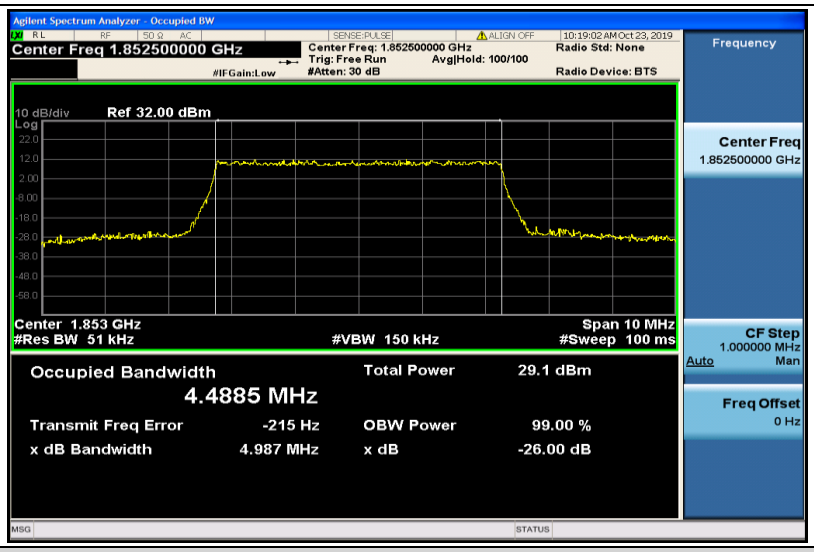
Band2-3MHz-16QAM-18615-15RB#0-2.6822



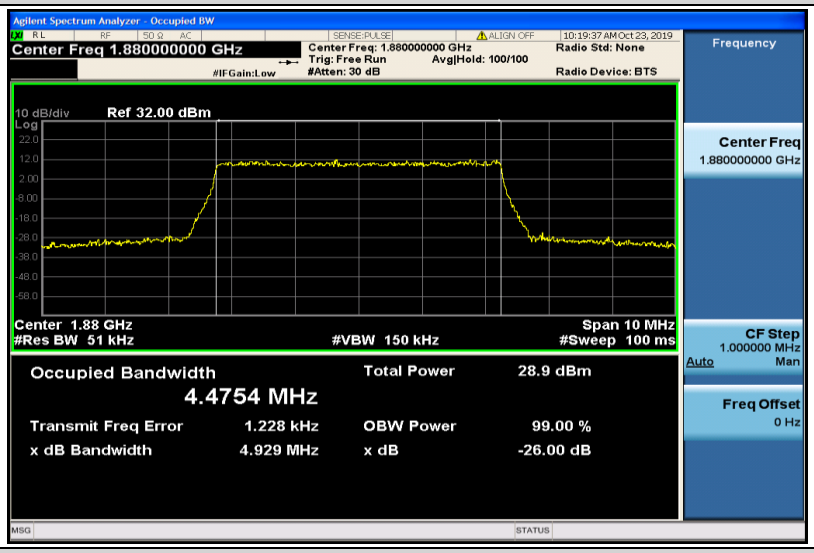
Band2-3MHz-16QAM-18900-15RB#0-2.6797



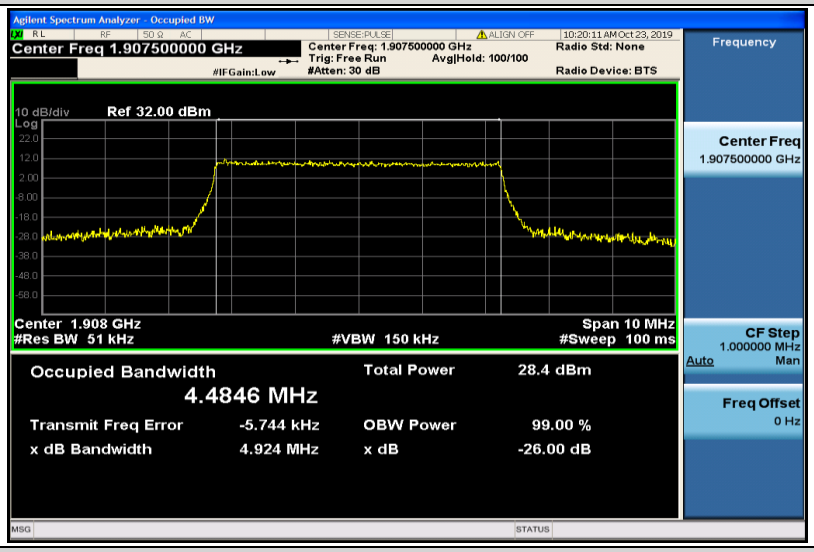
Band2-3MHz-16QAM-19185-15RB#0-2.6840



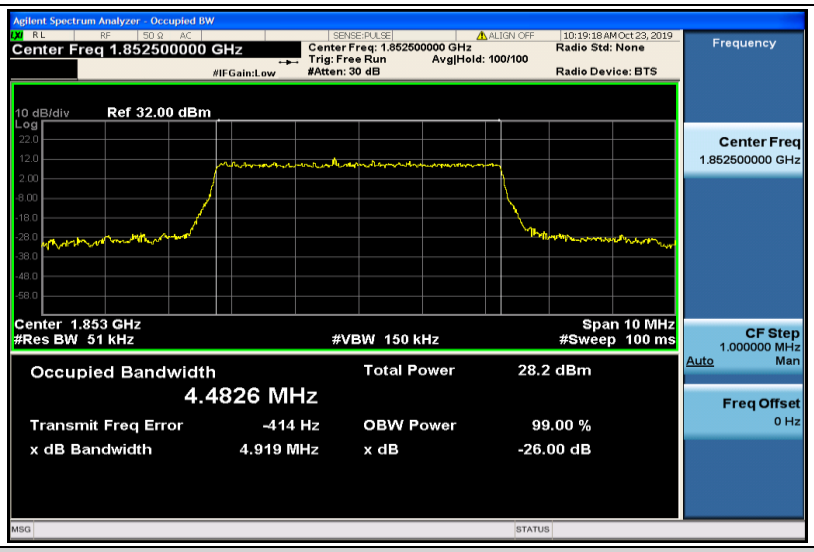
Band2-5MHz-QPSK-18625-25RB#0-4.4885



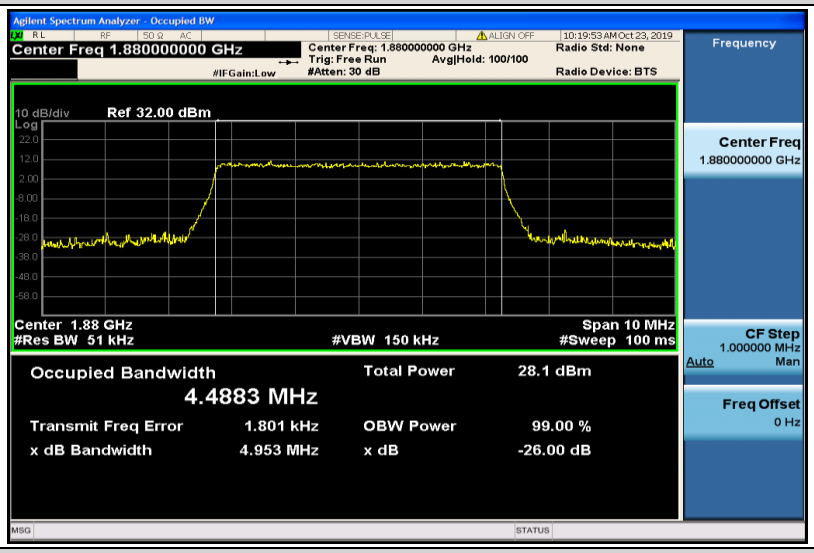
Band2-5MHz-QPSK-18900-25RB#0-4.4754



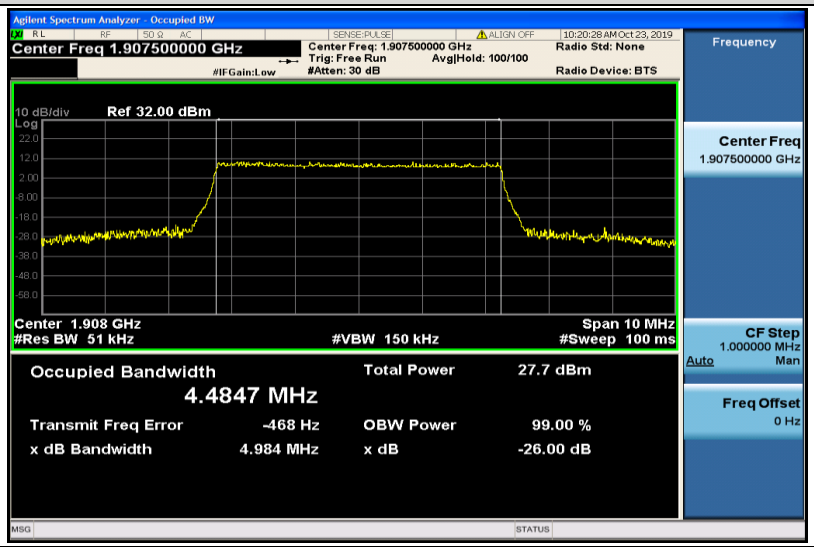
Band2-5MHz-QPSK-19175-25RB#0-4.4846



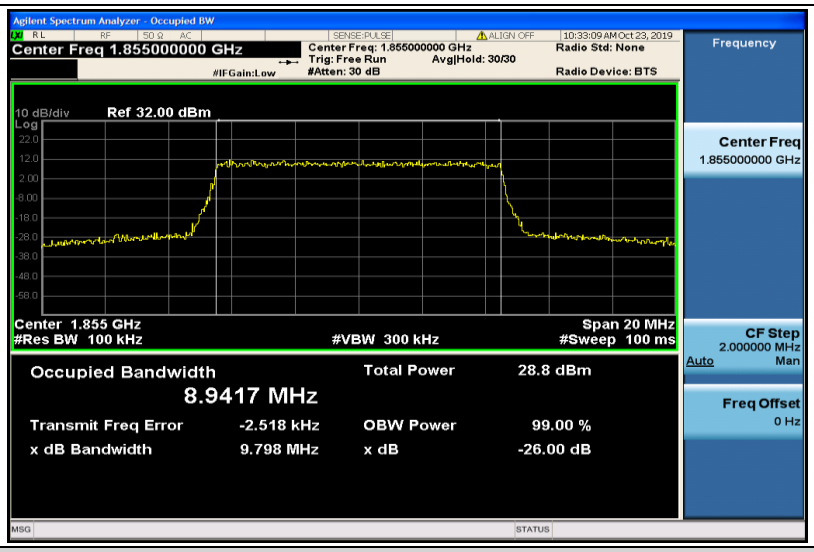
Band2-5MHz-16QAM-18625-25RB#0-4.4826



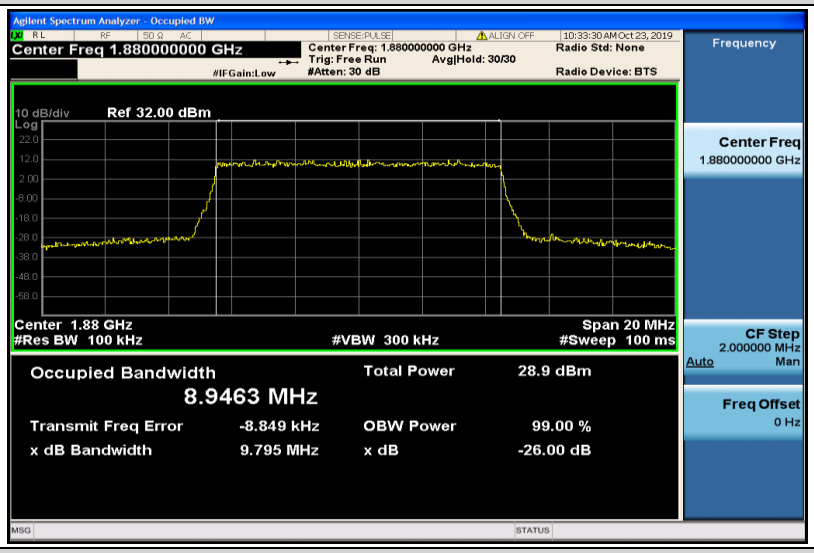
Band2-5MHz-16QAM-18900-25RB#0-4.4883



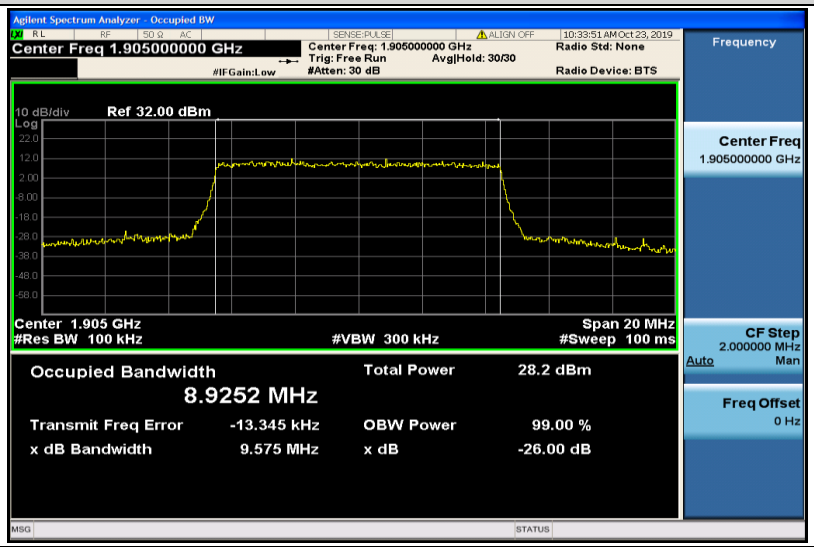
Band2-5MHz-16QAM-19175-25RB#0-4.4847



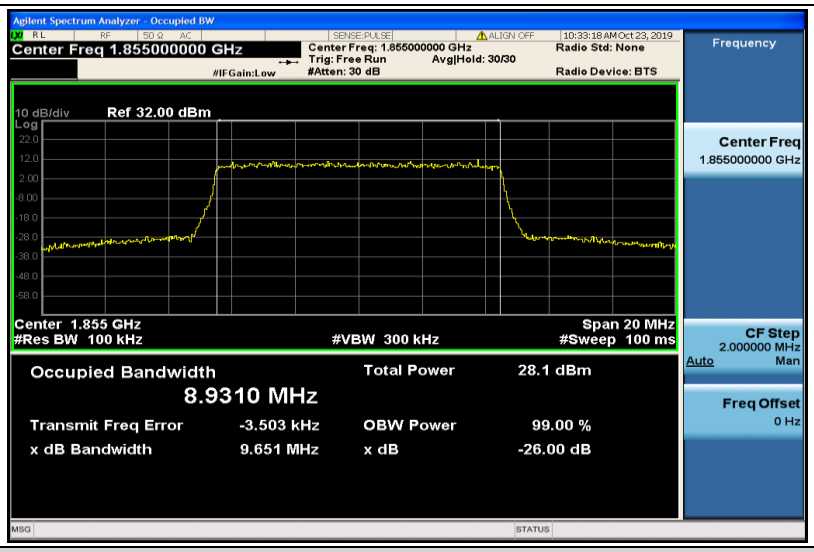
Band2-10MHz-QPSK-18650-50RB#0-8.9417



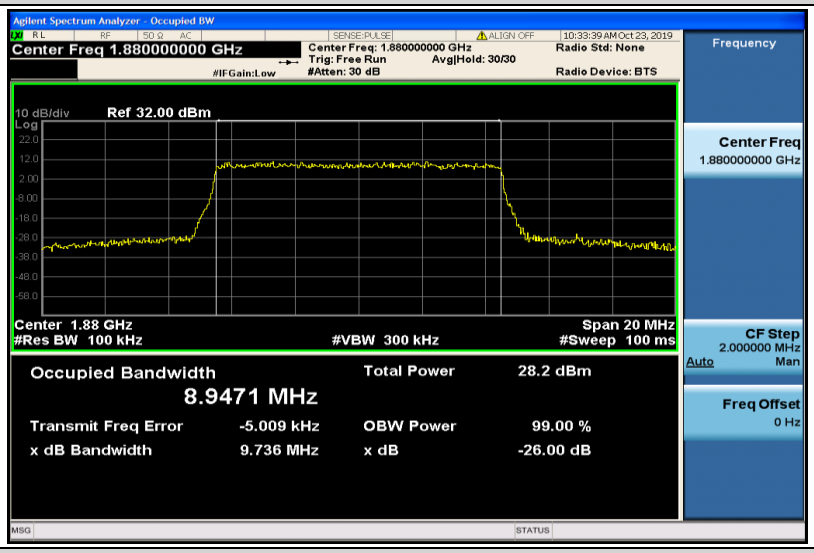
Band2-10MHz-QPSK-18900-50RB#0-8.9463



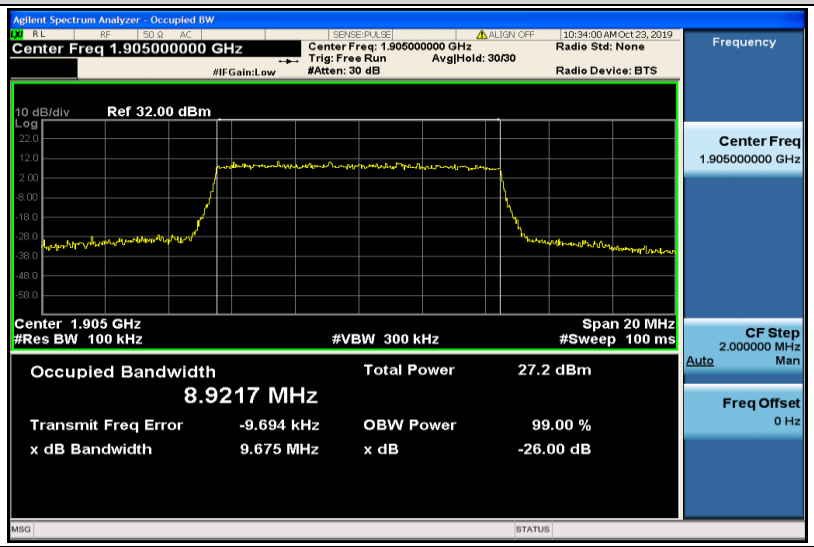
Band2-10MHz-QPSK-19150-50RB#0-8.9252



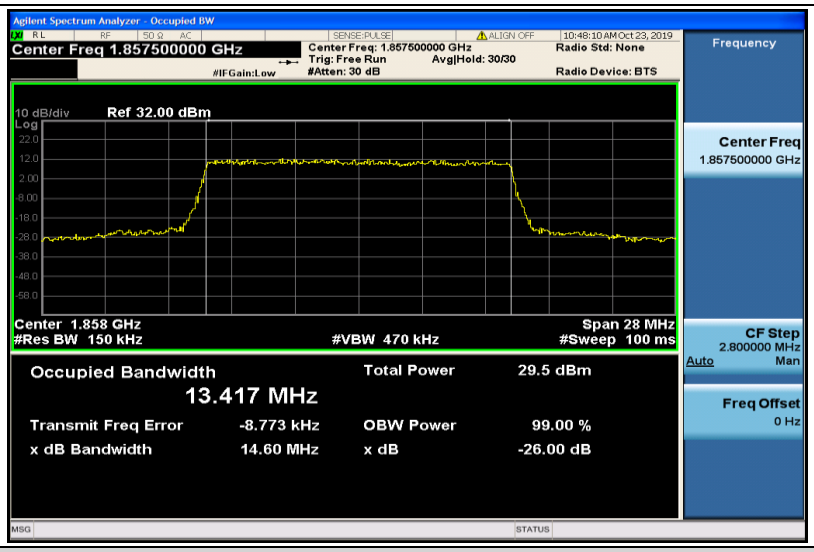
Band2-10MHz-16QAM-18650-50RB#0-8.9310



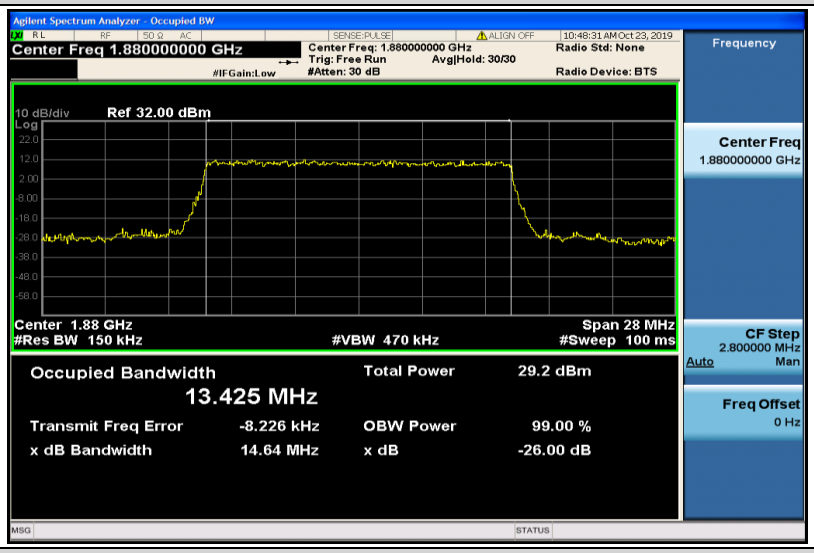
Band2-10MHz-16QAM-18900-50RB#0-8.9471



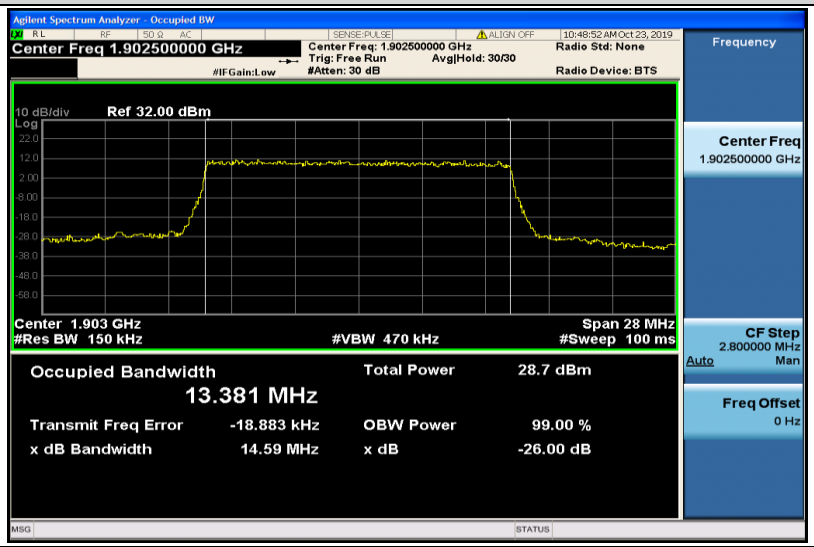
Band2-10MHz-16QAM-19150-50RB#0-8.9217



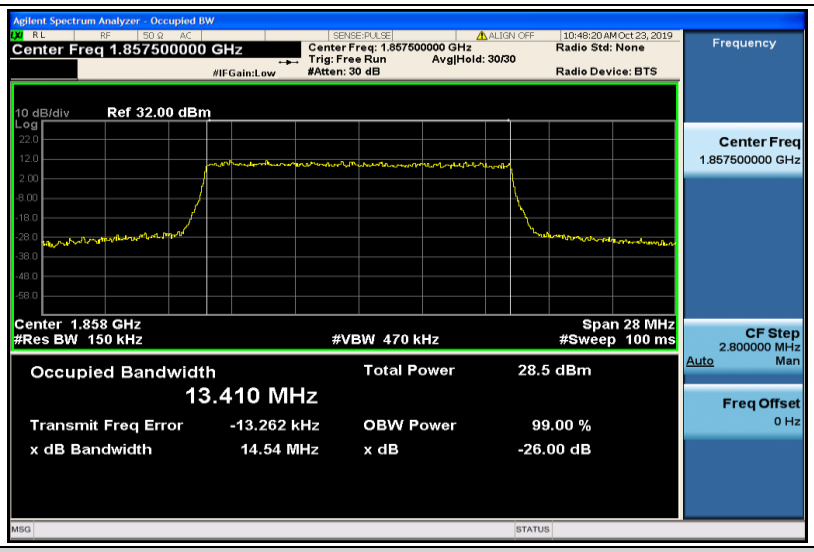
Band2-15MHz-QPSK-18675-75RB#0-13.417



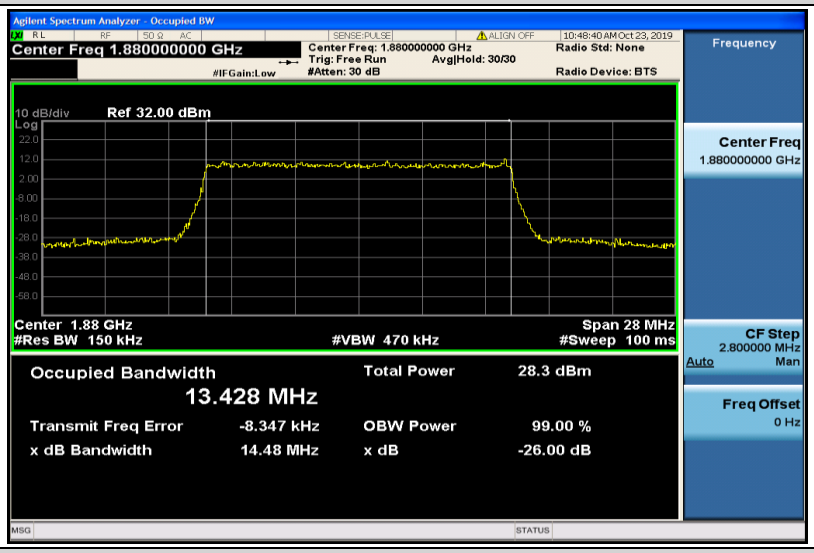
Band2-15MHz-QPSK-18900-75RB#0-13.425



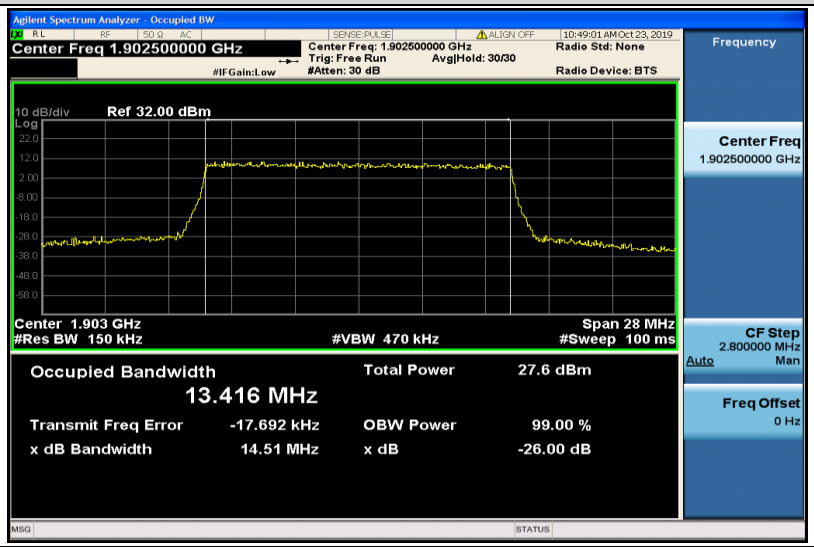
Band2-15MHz-QPSK-19125-75RB#0-13.381



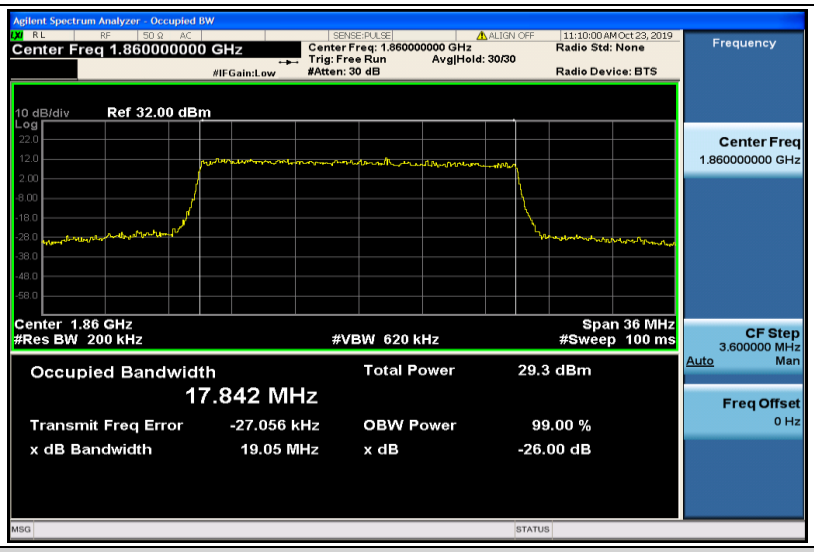
Band2-15MHz-16QAM-18675-75RB#0-13.410



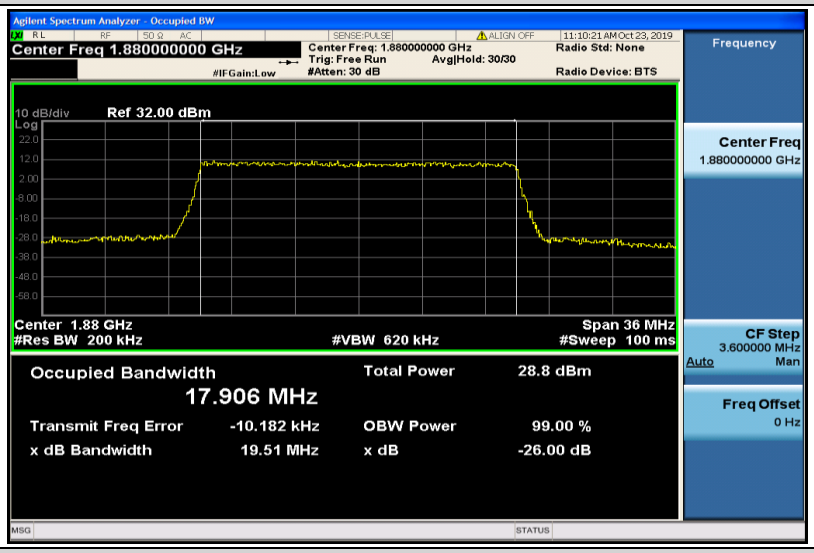
Band2-15MHz-16QAM-18900-75RB#0-13.428



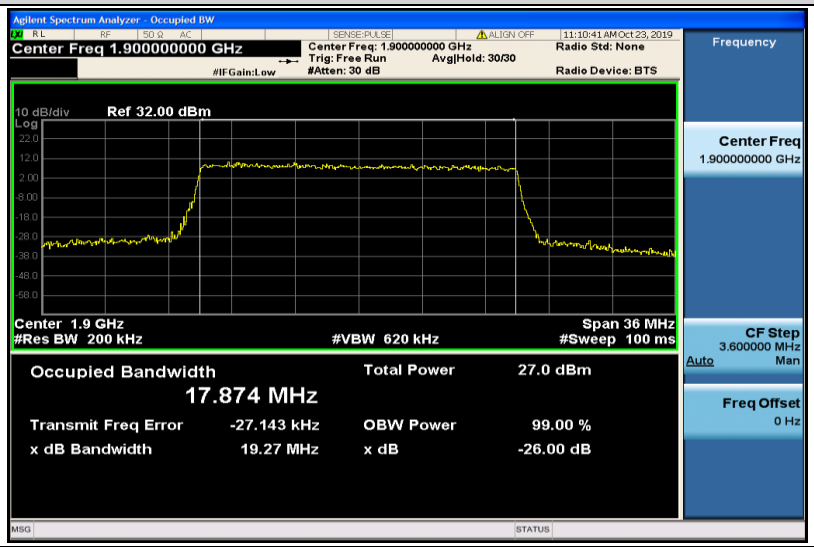
Band2-15MHz-16QAM-19125-75RB#0-13.416



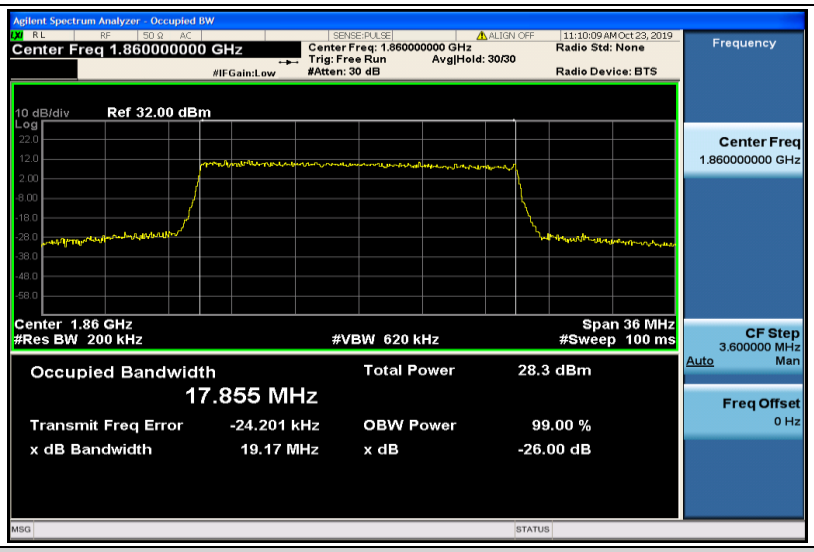
Band2-20MHz-QPSK-18700-100RB#0-17.842



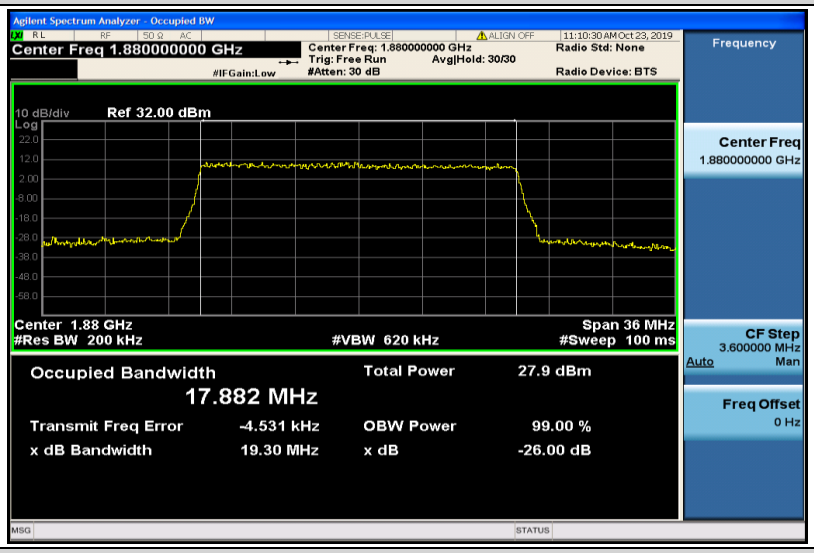
Band2-20MHz-QPSK-18900-100RB#0-17.906



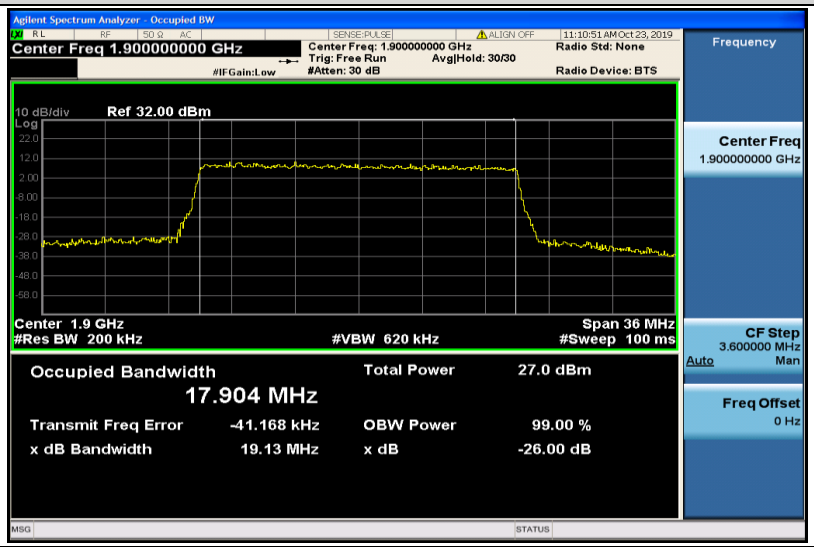
Band2-20MHz-QPSK-19100-100RB#0-17.874



Band2-20MHz-16QAM-18700-100RB#0-17.855



Band2-20MHz-16QAM-18900-100RB#0-17.882



Band2-20MHz-16QAM-19100-100RB#0-17.904