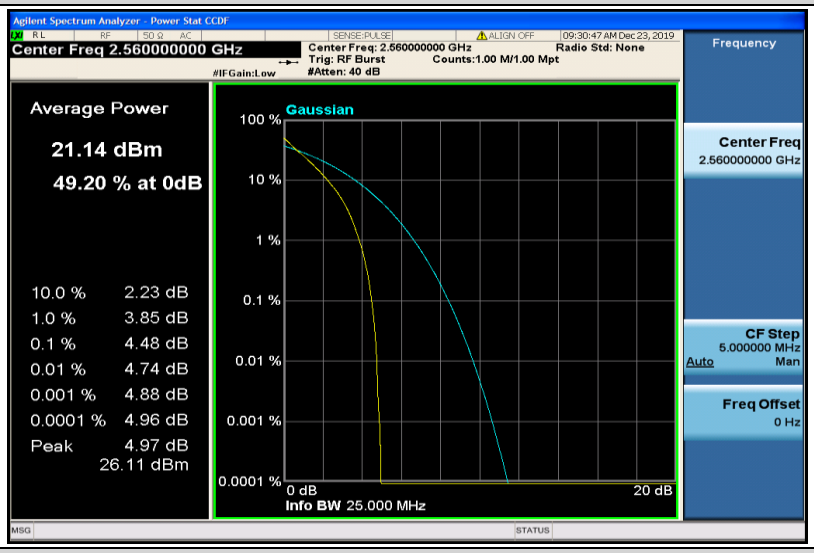
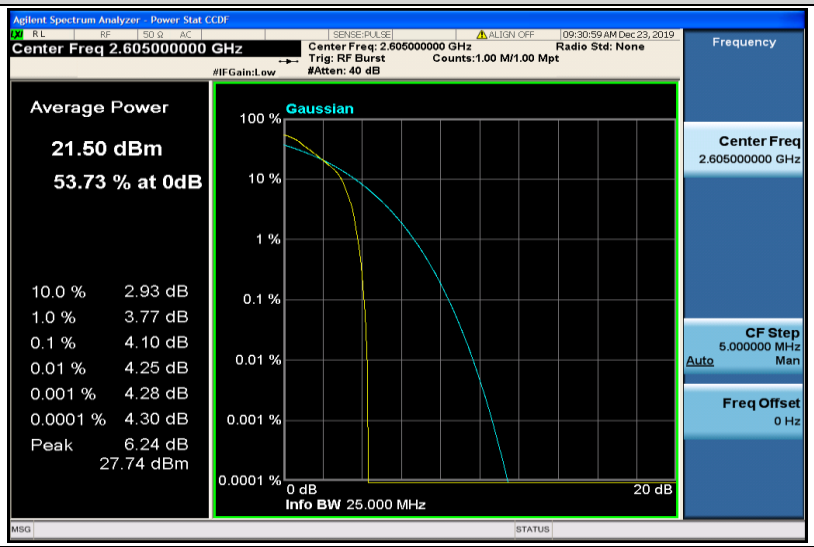
Band41-10MHz-QPSK-40290-1RB#0

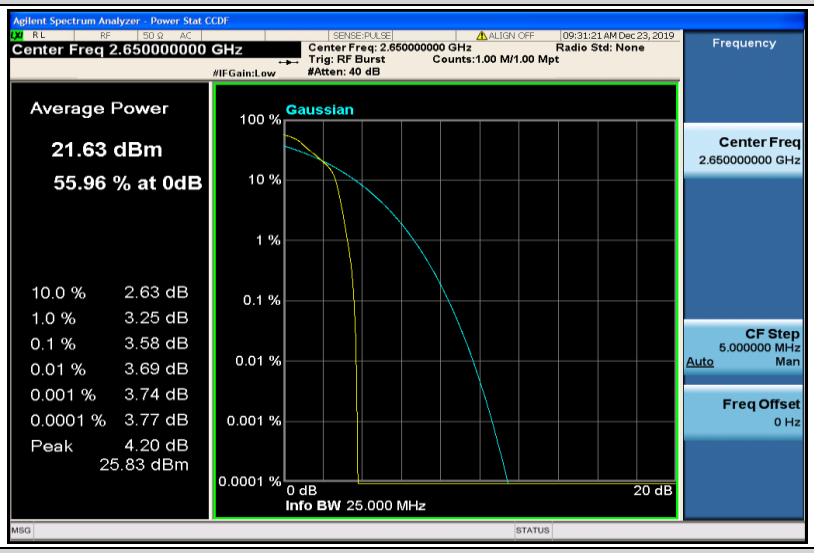


Band41-10MHz-QPSK-40290-50RB#0

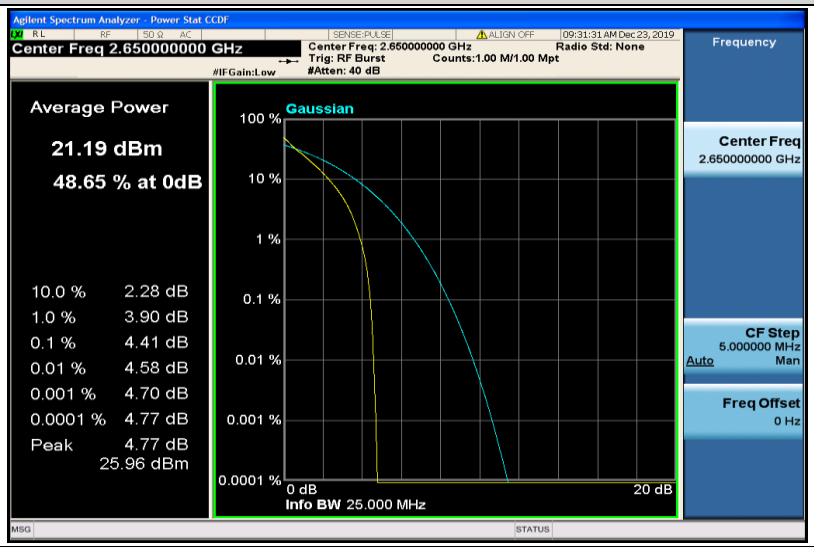


Band41-10MHz-QPSK-40740-1RB#0

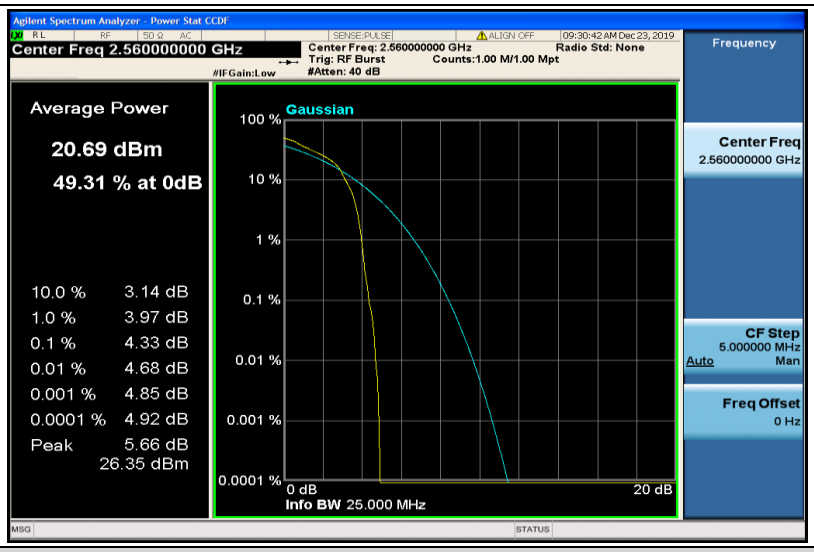
Band41-10MHz-QPSK-40740-50RB#0



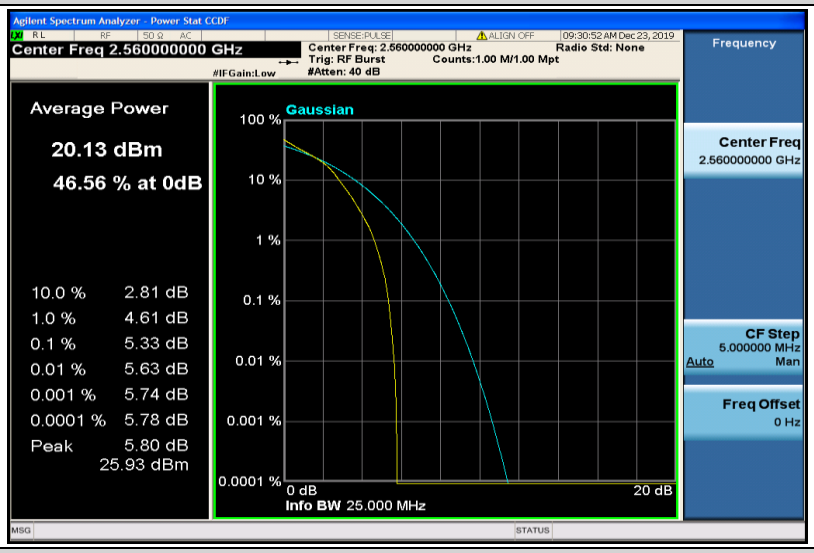
Band41-10MHz-QPSK-41190-1RB#0



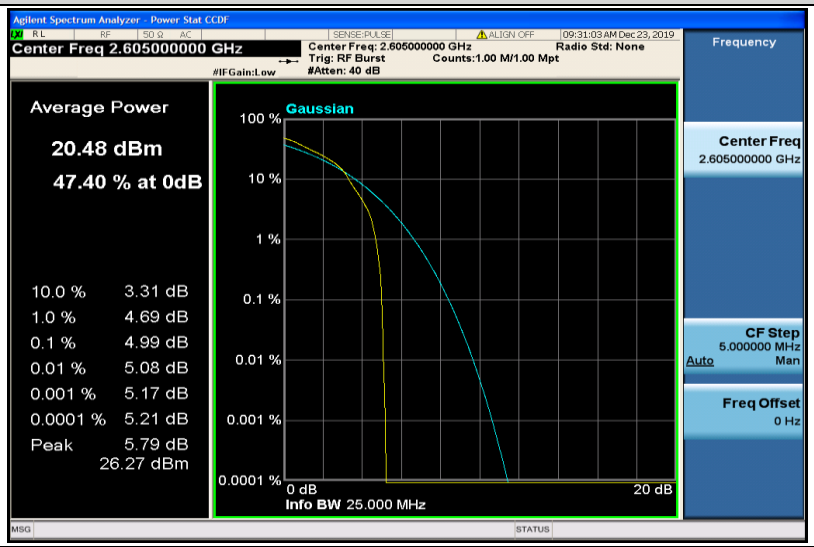
Band41-10MHz-QPSK-41190-50RB#0



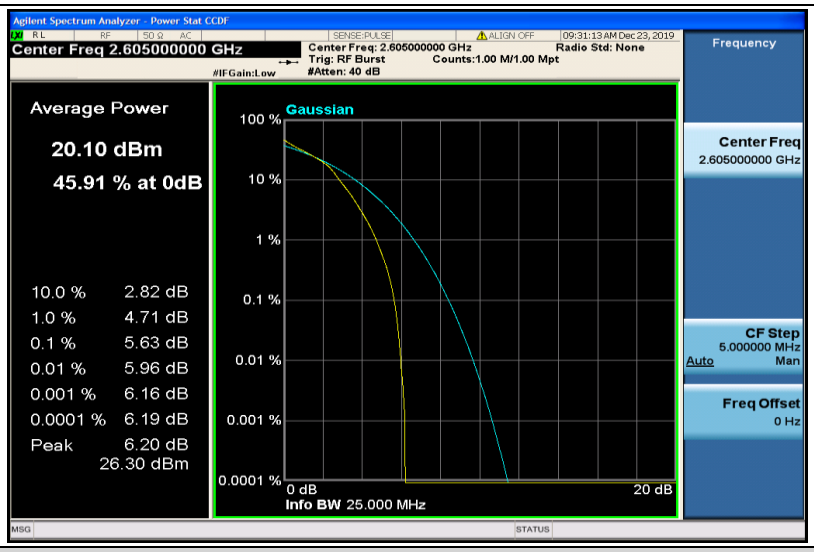
Band41-10MHz-16QAM-40290-1RB#0



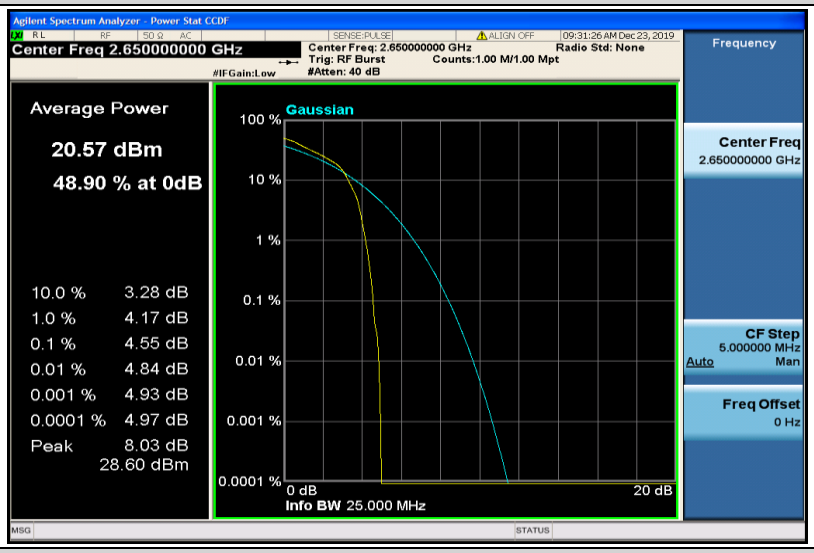
Band41-10MHz-16QAM-40290-50RB#0



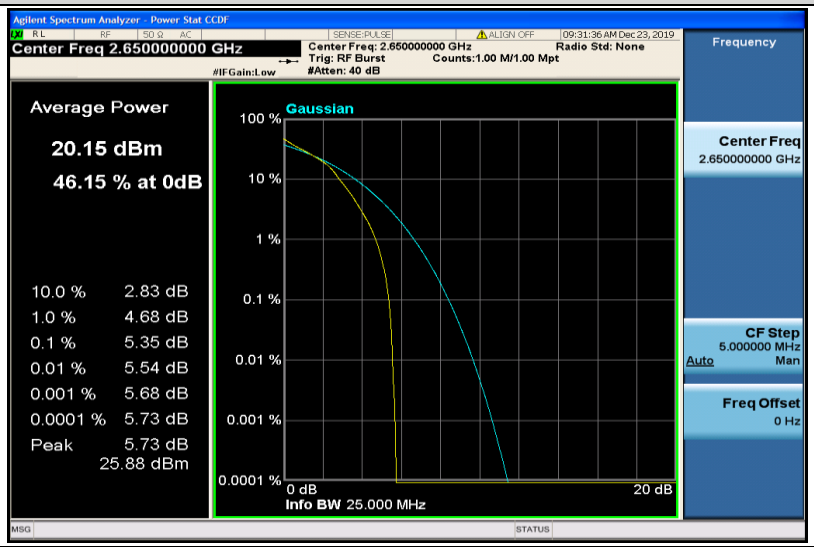
Band41-10MHz-16QAM-40740-1RB#0



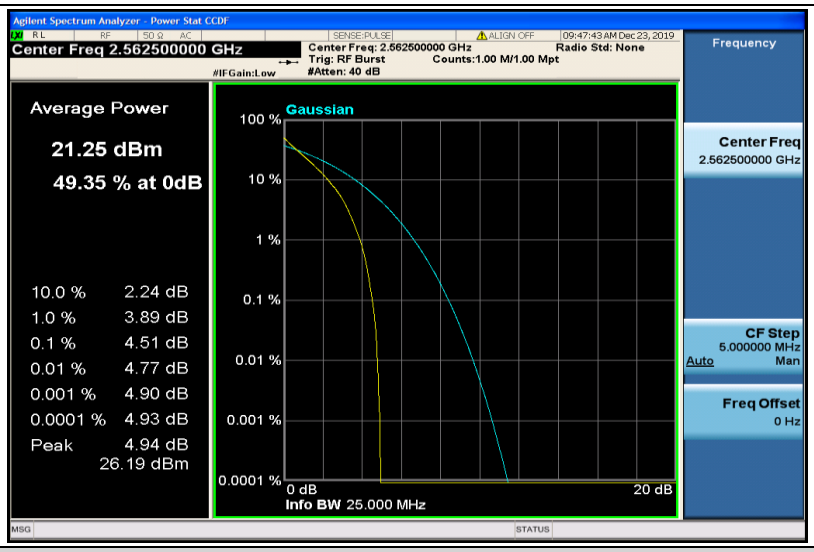
Band41-10MHz-16QAM-40740-50RB#0



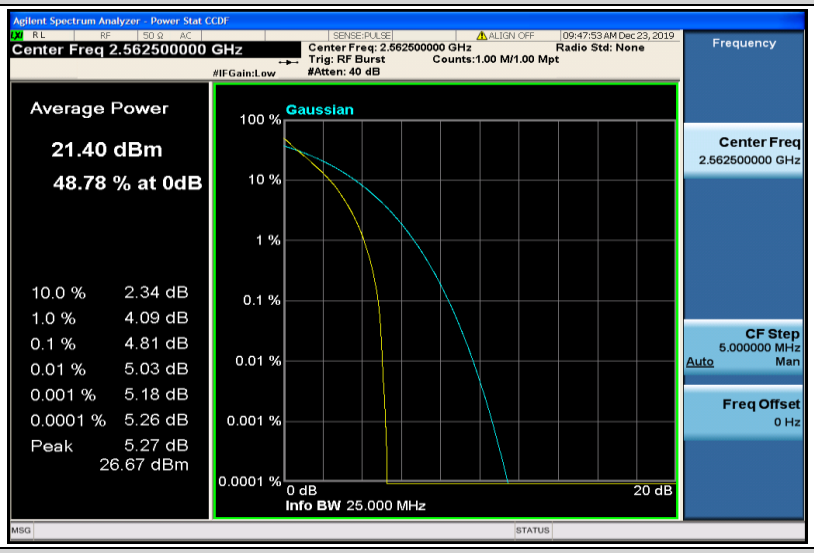
Band41-10MHz-16QAM-41190-1RB#0



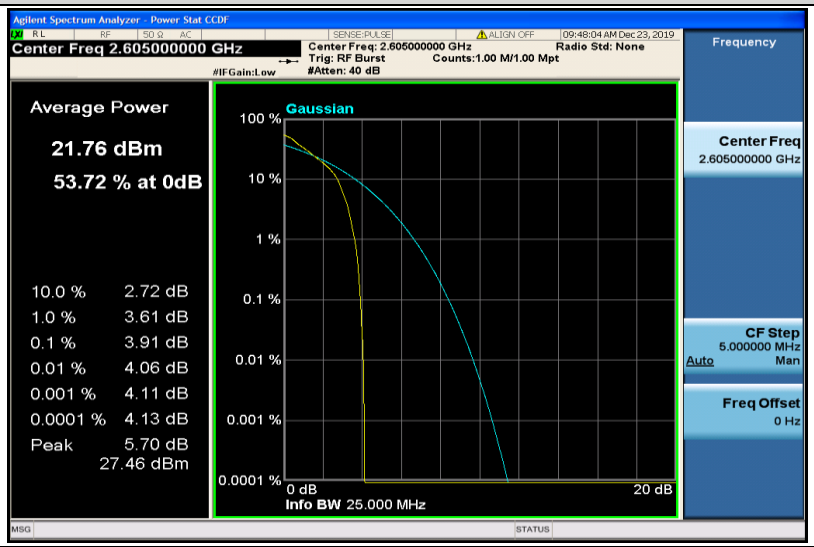
Band41-10MHz-16QAM-41190-50RB#0



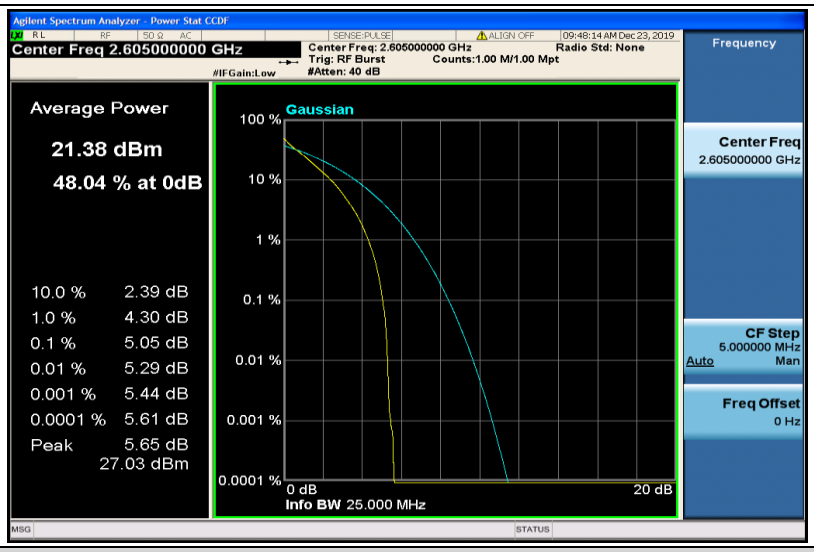
Band41-15MHz-QPSK-40315-1RB#0



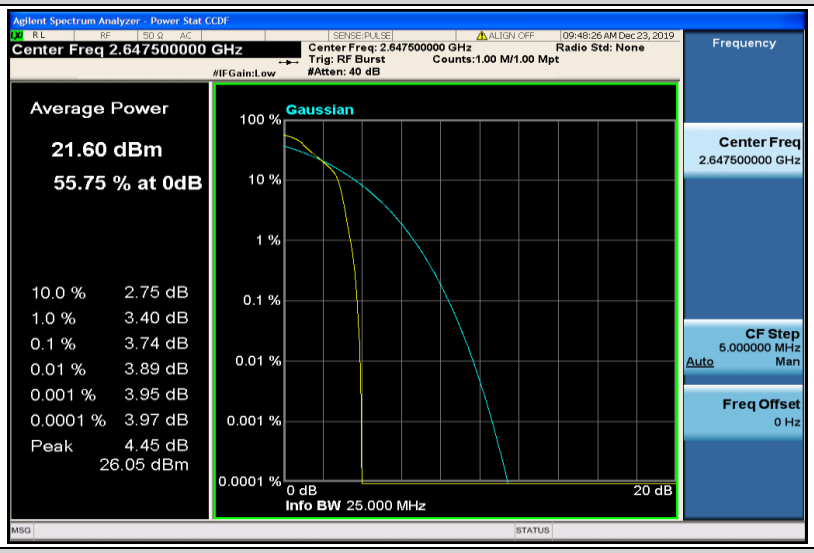
Band41-15MHz-QPSK-40315-75RB#0



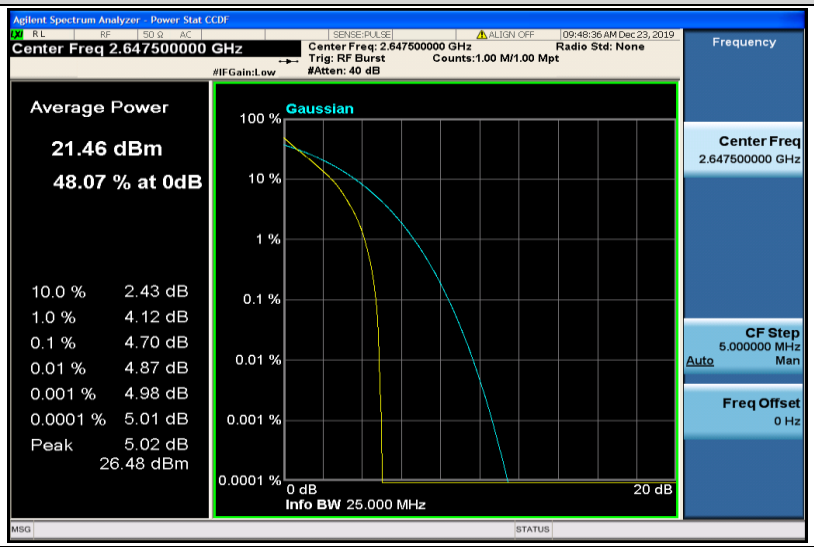
Band41-15MHz-QPSK-40740-1RB#0



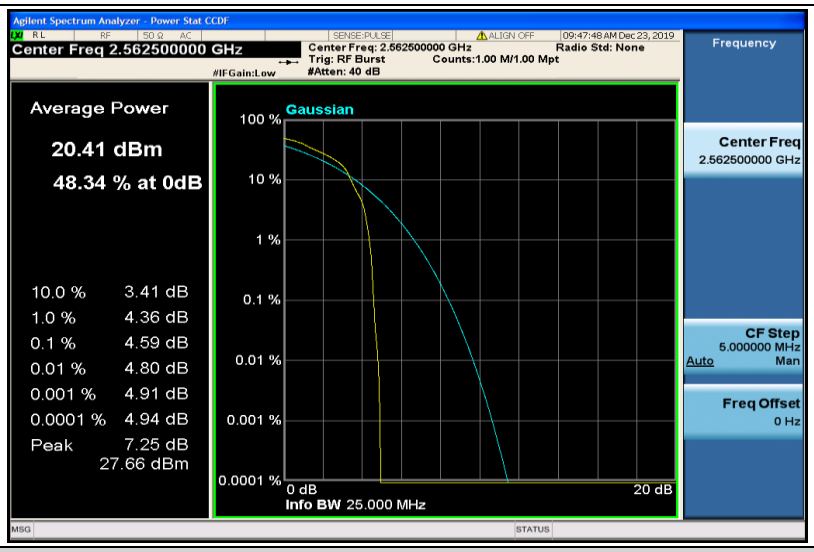
Band41-15MHz-QPSK-40740-75RB#0



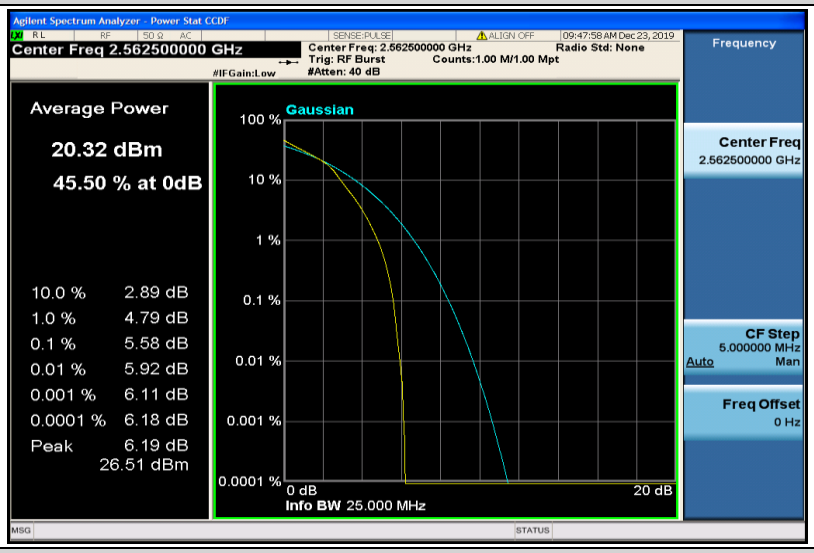
Band41-15MHz-QPSK-41165-1RB#0



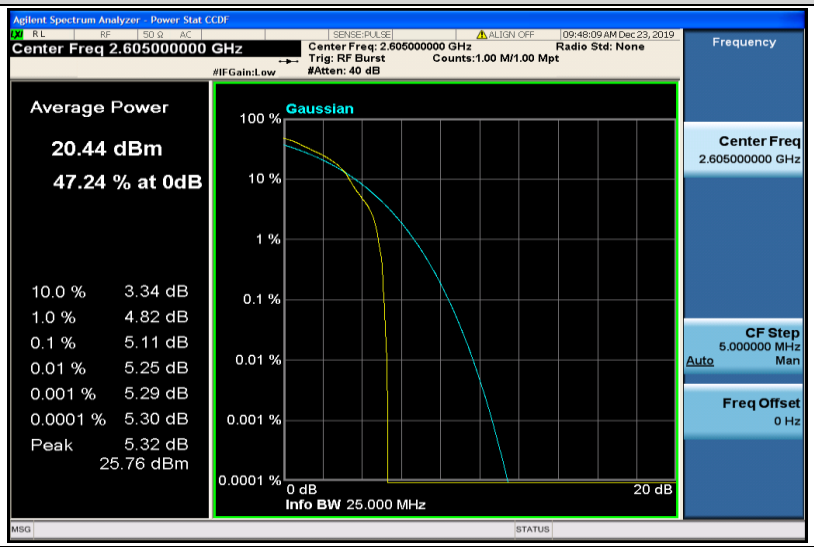
Band41-15MHz-QPSK-41165-75RB#0



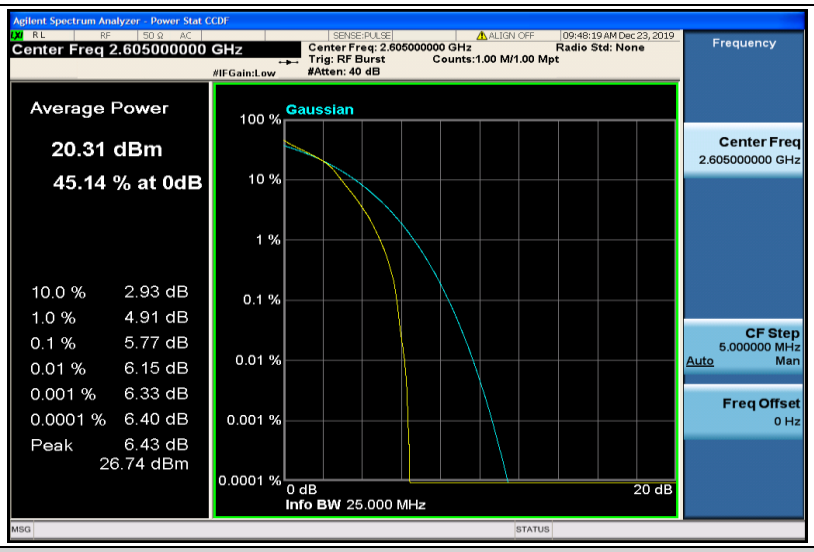
Band41-15MHz-16QAM-40315-1RB#0



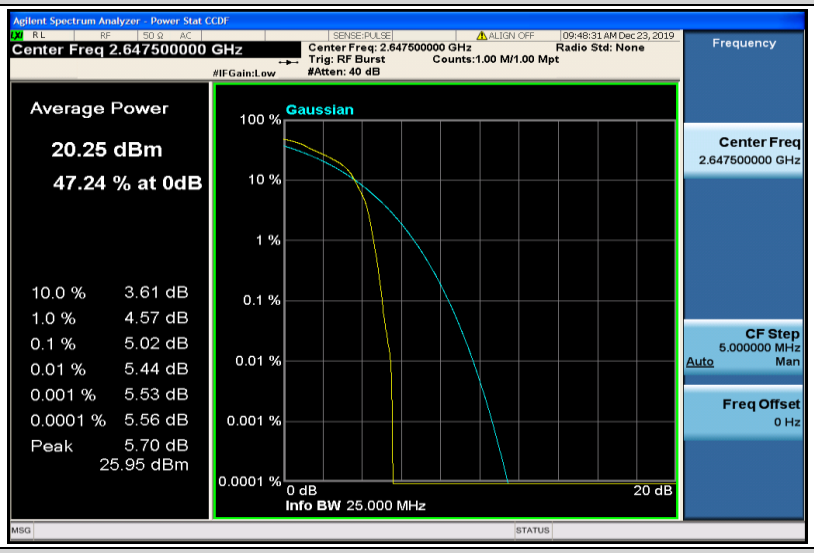
Band41-15MHz-16QAM-40315-75RB#0



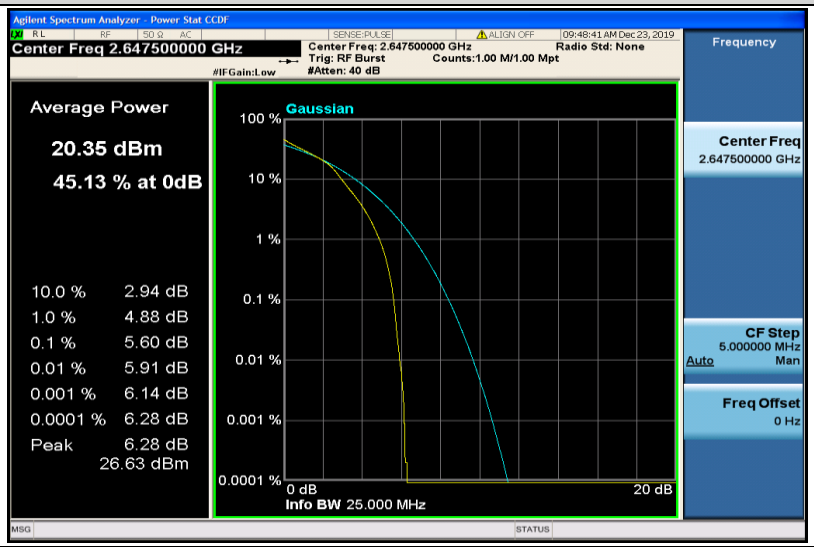
Band41-15MHz-16QAM-40740-1RB#0



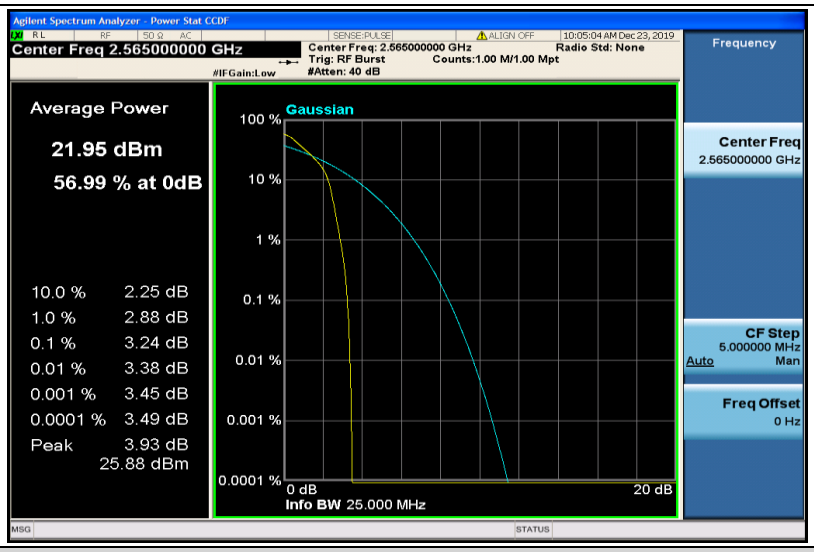
Band41-15MHz-16QAM-40740-75RB#0



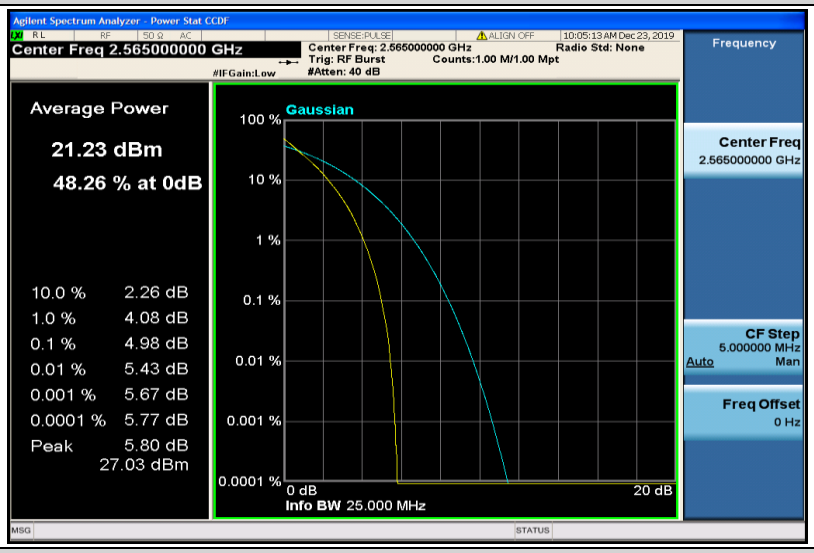
Band41-15MHz-16QAM-41165-1RB#0



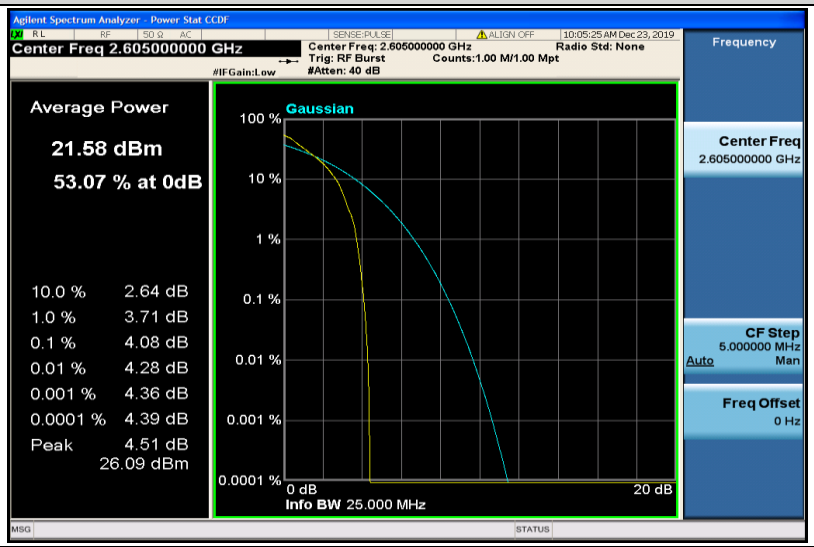
Band41-15MHz-16QAM-41165-75RB#0



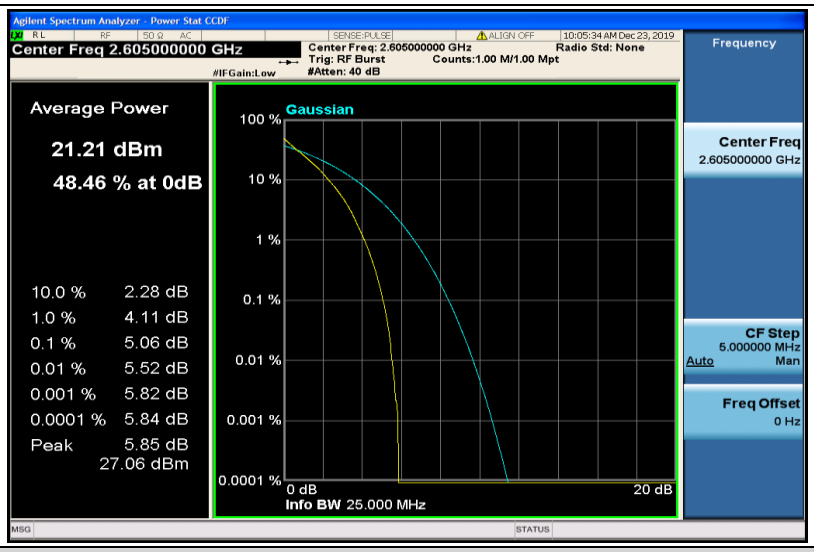
Band41-20MHz-QPSK-40340-1RB#0



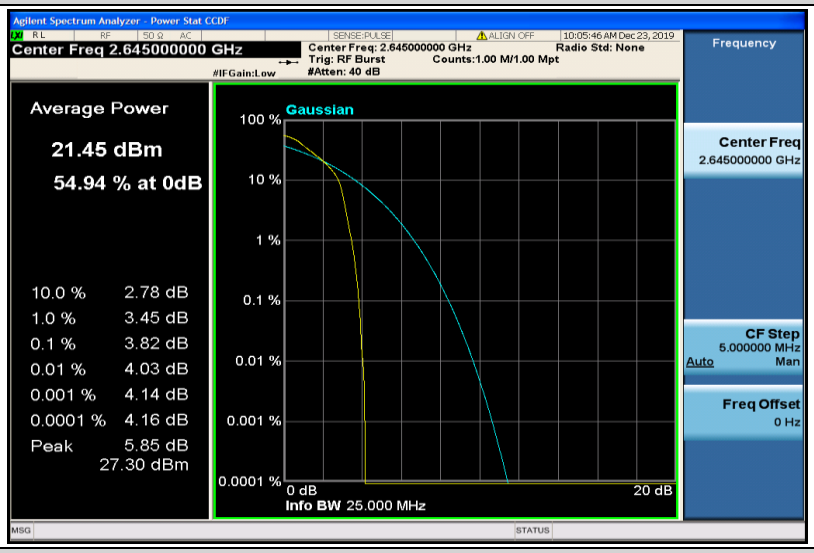
Band41-20MHz-QPSK-40340-100RB#0



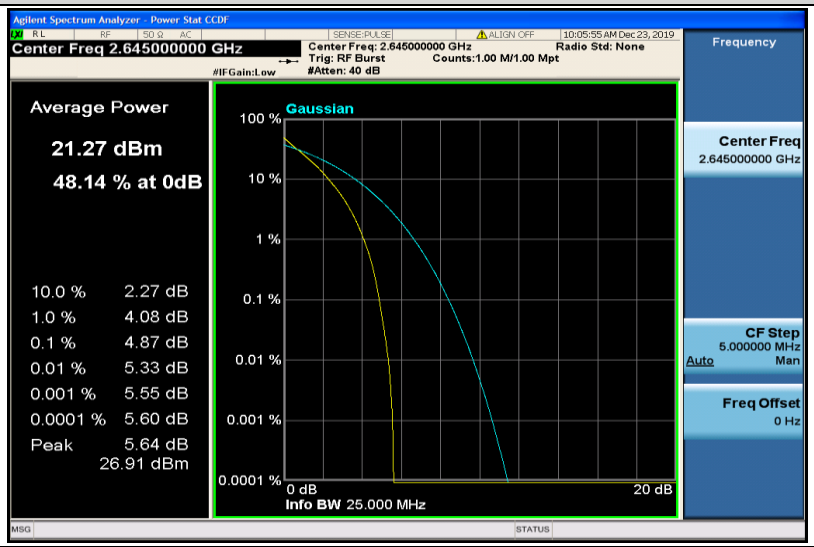
Band41-20MHz-QPSK-40740-1RB#0



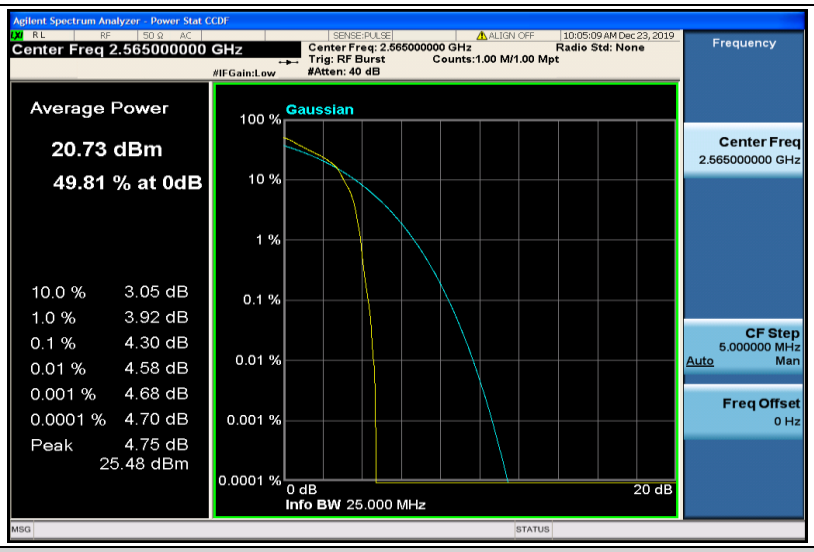
Band41-20MHz-QPSK-40740-100RB#0



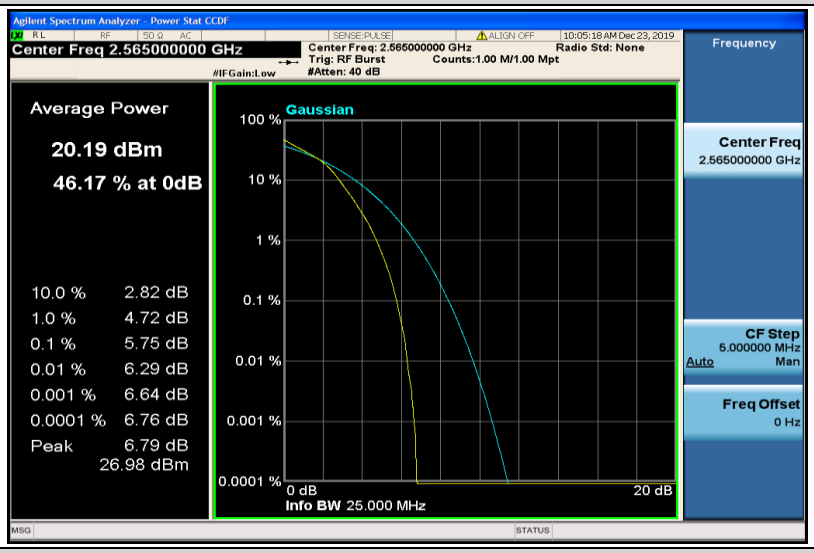
Band41-20MHz-QPSK-41140-1RB#0



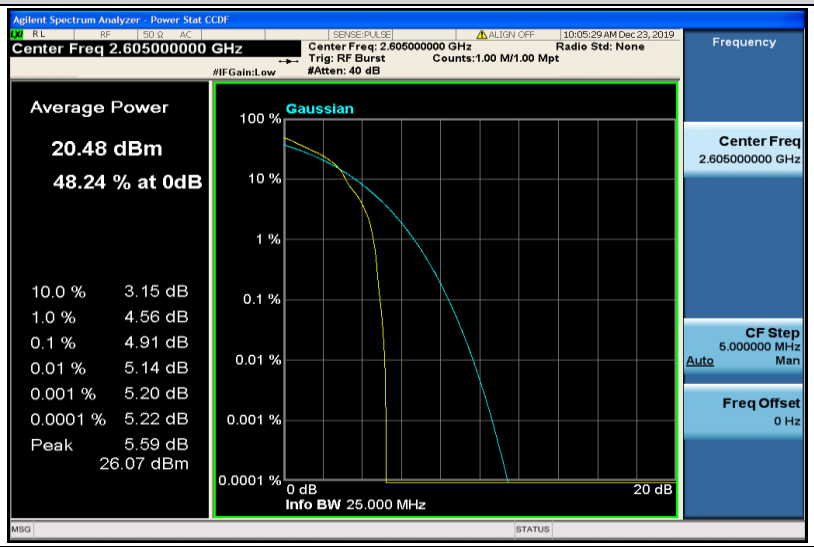
Band41-20MHz-QPSK-41140-100RB#0



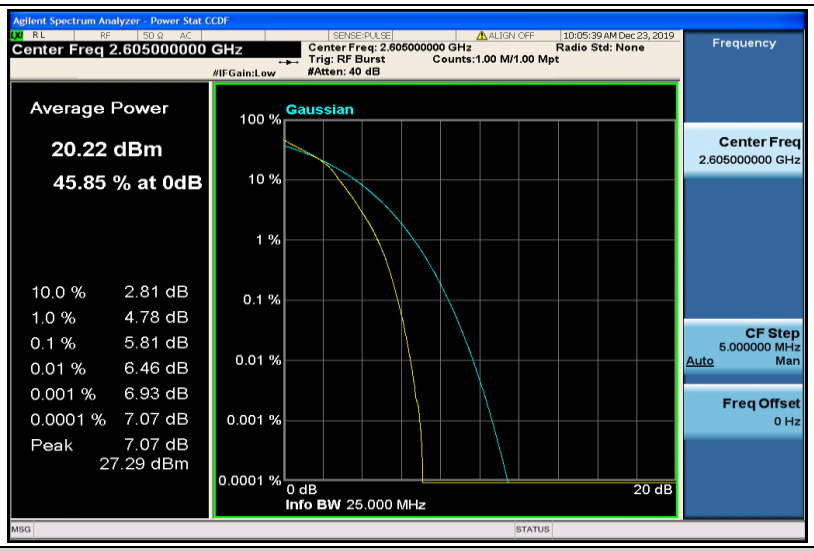
Band41-20MHz-16QAM-40340-1RB#0



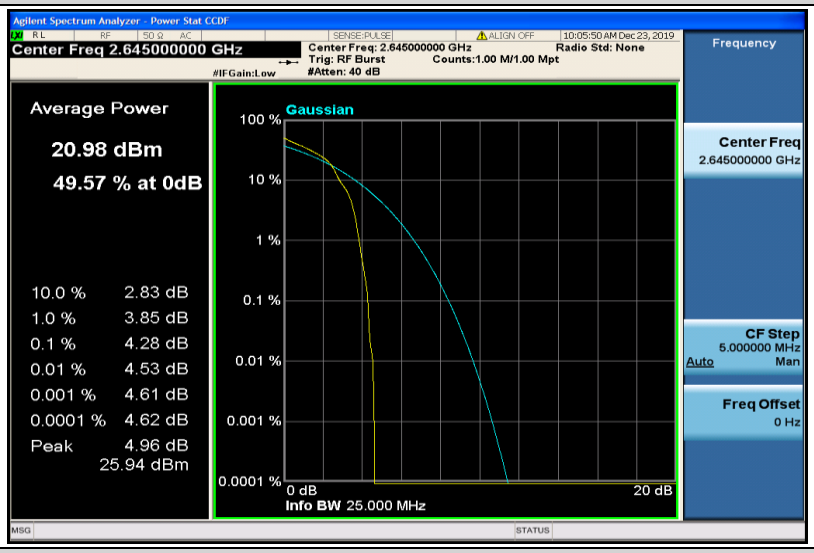
Band41-20MHz-16QAM-40340-100RB#0



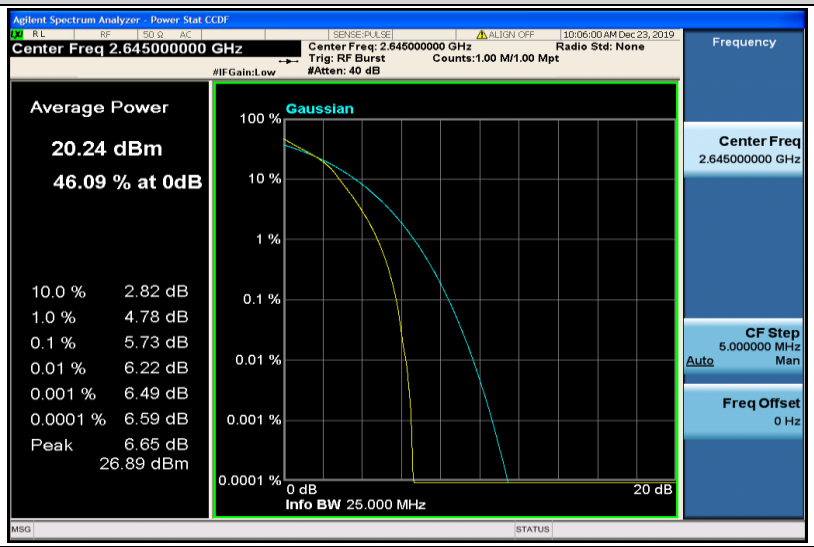
Band41-20MHz-16QAM-40740-1RB#0



Band41-20MHz-16QAM-40740-100RB#0



Band41-20MHz-16QAM-41140-1RB#0



Band41-20MHz-16QAM-41140-100RB#0

8.3 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	1.0834	1.241	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0781	1.240	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0749	1.234	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0777	1.236	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0797	1.249	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0811	1.270	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6787	2.868	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6771	2.869	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6756	2.842	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6743	2.864	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6766	2.855	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6745	2.841	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4656	4.824	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4807	4.829	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4774	4.847	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4715	4.877	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4782	4.835	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4663	4.857	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9516	9.630	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9480	9.598	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9494	9.531	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9395	9.521	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9570	9.616	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9562	9.615	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.423	14.41	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.404	14.25	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.441	14.34	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.429	14.32	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.429	14.33	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.428	14.34	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.861	18.99	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.887	19.23	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.859	18.99	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.884	19.04	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.885	19.06	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.895	19.05	PASS

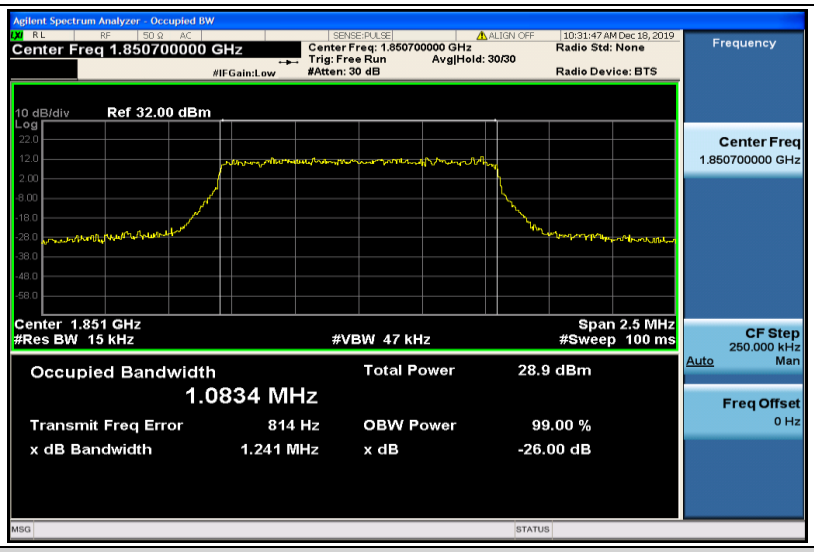
Band4	1.4MHz	QPSK	19957	6RB#0	1.0833	1.242	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0829	1.241	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0810	1.240	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0772	1.230	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0789	1.241	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0797	1.237	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6795	2.873	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6785	2.846	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6768	2.854	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6740	2.850	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6776	2.856	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6736	2.860	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4658	4.825	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4785	4.835	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4734	4.848	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4707	4.851	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4720	4.846	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4682	4.788	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9412	9.587	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9323	9.518	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9434	9.621	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9443	9.636	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9514	9.597	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9491	9.568	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.420	14.37	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.381	14.27	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.407	14.41	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.419	14.27	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.385	14.30	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.405	14.37	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.913	19.30	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.818	19.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.884	18.94	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.885	19.10	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.835	19.04	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.897	19.03	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0779	1.233	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0839	1.241	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0786	1.230	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0791	1.256	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0753	1.244	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0789	1.269	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6748	2.869	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6778	2.858	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6744	2.855	PASS

Band5	3MHz	16QAM	20415	15RB#0	2.6732	2.863	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6774	2.861	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6701	2.855	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4643	4.818	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4748	4.834	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4768	4.854	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4698	4.875	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4686	4.839	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4648	4.773	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9557	9.608	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9418	9.615	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9379	9.584	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9391	9.573	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9449	9.527	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9362	9.480	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.4679	4.825	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4798	4.825	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4801	4.885	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4716	4.854	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4762	4.845	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4697	4.843	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9348	9.522	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9430	9.539	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9619	9.678	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9475	9.567	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9448	9.620	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9543	9.567	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.409	14.45	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.428	14.39	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.450	14.51	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.424	14.19	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.425	14.40	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.409	14.38	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.825	18.95	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.915	19.21	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.877	19.08	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.876	19.08	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.911	19.17	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.889	19.04	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1.0801	1.257	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0793	1.238	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0817	1.254	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0799	1.289	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0793	1.263	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0775	1.292	PASS

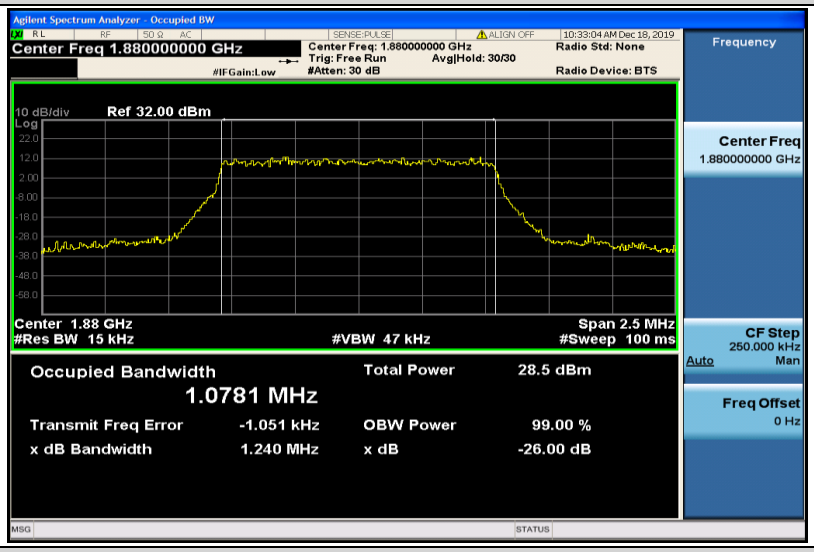
Band12	3MHz	QPSK	23025	15RB#0	2.6787	2.845	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6720	2.858	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6791	2.883	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6796	2.848	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6692	2.869	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6744	2.853	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4710	4.976	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4877	5.050	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4874	5.454	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4805	5.074	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4941	5.068	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4776	5.248	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9612	9.857	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9704	9.945	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9341	9.798	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9465	9.829	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9876	9.968	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9465	9.827	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.4893	5.066	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.4802	5.373	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.4763	5.009	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.4821	4.963	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.4875	5.056	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.4832	5.024	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9776	9.939	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9526	9.841	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9269	9.799	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9581	9.746	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9492	9.806	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9423	9.845	PASS
Band41	5MHz	QPSK	40265	25RB#0	4.4930	4.942	PASS
Band41	5MHz	QPSK	40740	25RB#0	4.4979	5.275	PASS
Band41	5MHz	QPSK	41215	25RB#0	4.5017	5.093	PASS
Band41	5MHz	16QAM	40265	25RB#0	4.4943	5.155	PASS
Band41	5MHz	16QAM	40740	25RB#0	4.4904	5.021	PASS
Band41	5MHz	16QAM	41215	25RB#0	4.4955	5.227	PASS
Band41	10MHz	QPSK	40290	50RB#0	8.9432	9.558	PASS
Band41	10MHz	QPSK	40740	50RB#0	8.9419	9.641	PASS
Band41	10MHz	QPSK	41190	50RB#0	8.9520	9.709	PASS
Band41	10MHz	16QAM	40290	50RB#0	8.9463	9.947	PASS
Band41	10MHz	16QAM	40740	50RB#0	8.9392	9.563	PASS
Band41	10MHz	16QAM	41190	50RB#0	8.9446	9.492	PASS
Band41	15MHz	QPSK	40315	75RB#0	13.424	14.98	PASS
Band41	15MHz	QPSK	40740	75RB#0	13.462	15.06	PASS
Band41	15MHz	QPSK	41165	75RB#0	13.481	15.26	PASS

Band41	15MHz	16QAM	40315	75RB#0	13.474	15.79	PASS
Band41	15MHz	16QAM	40740	75RB#0	13.472	15.27	PASS
Band41	15MHz	16QAM	41165	75RB#0	13.475	15.46	PASS
Band41	20MHz	QPSK	40340	100RB#0	17.871	19.93	PASS
Band41	20MHz	QPSK	40740	100RB#0	17.876	19.63	PASS
Band41	20MHz	QPSK	41140	100RB#0	17.908	19.30	PASS
Band41	20MHz	16QAM	40340	100RB#0	17.861	19.22	PASS
Band41	20MHz	16QAM	40740	100RB#0	17.901	20.44	PASS
Band41	20MHz	16QAM	41140	100RB#0	17.882	19.59	PASS

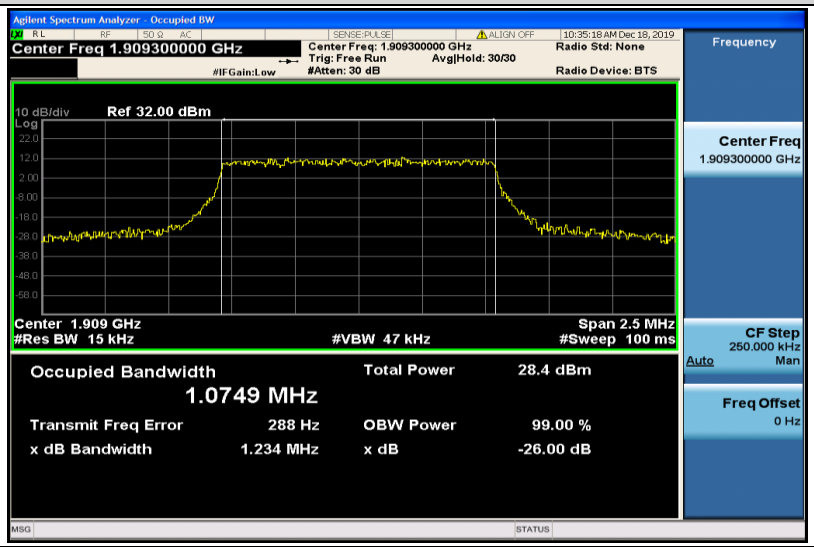
Test Graphs



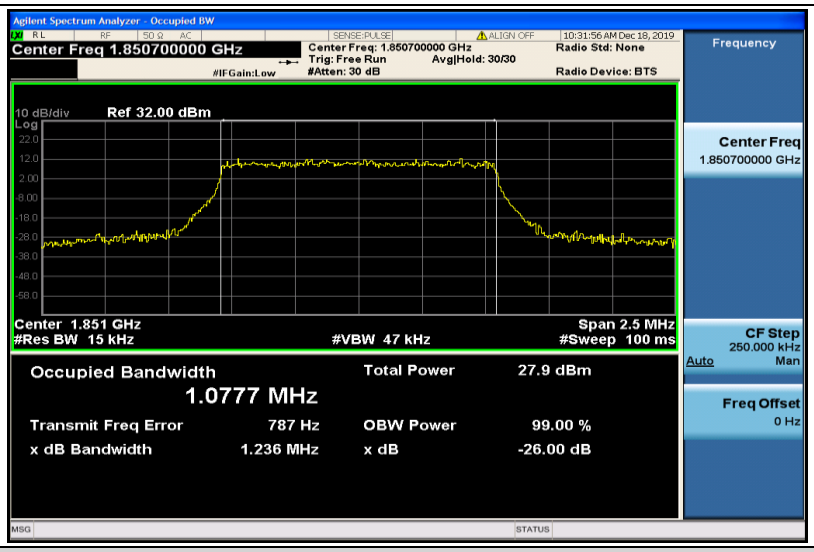
Band2-1.4MHz-QPSK-18607-6RB#0-1.0834



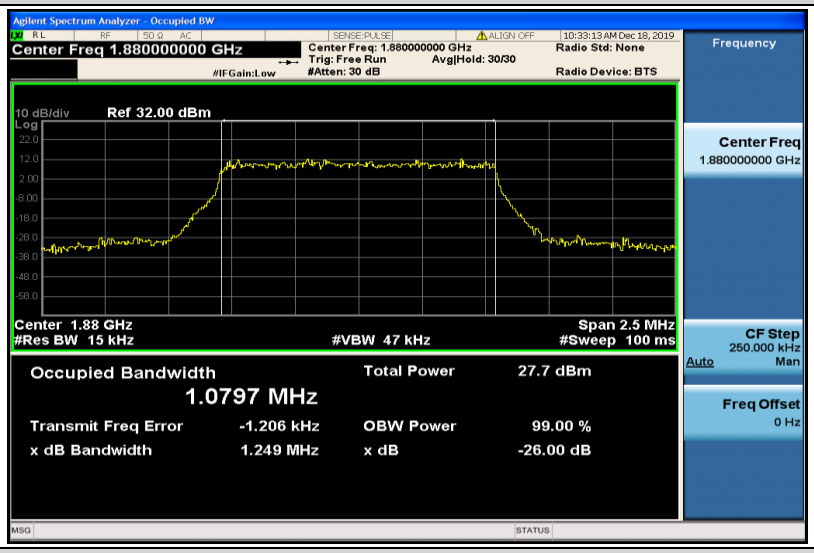
Band2-1.4MHz-QPSK-18900-6RB#0-1.0781



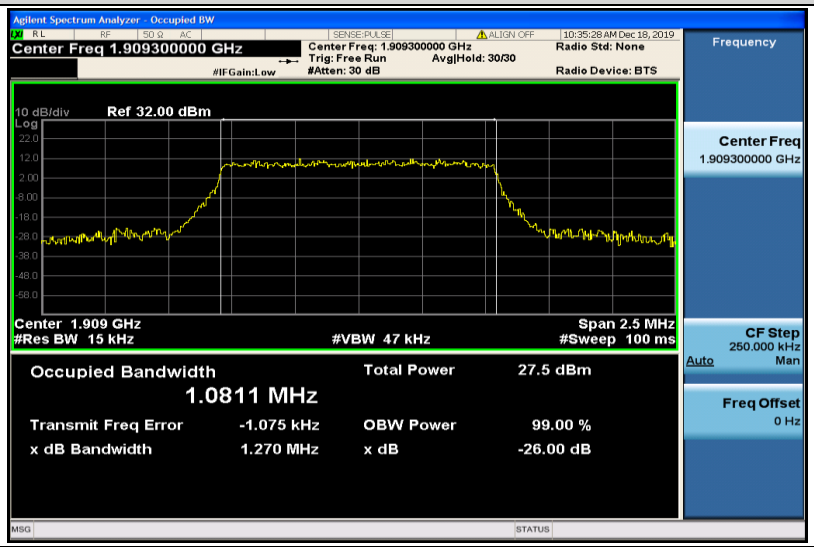
Band2-1.4MHz-QPSK-19193-6RB#0-1.0749



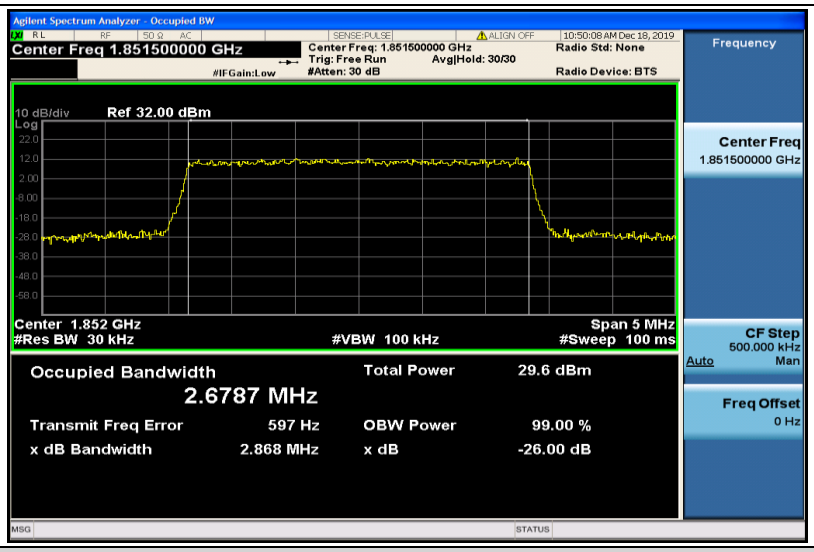
Band2-1.4MHz-16QAM-18607-6RB#0-1.0777



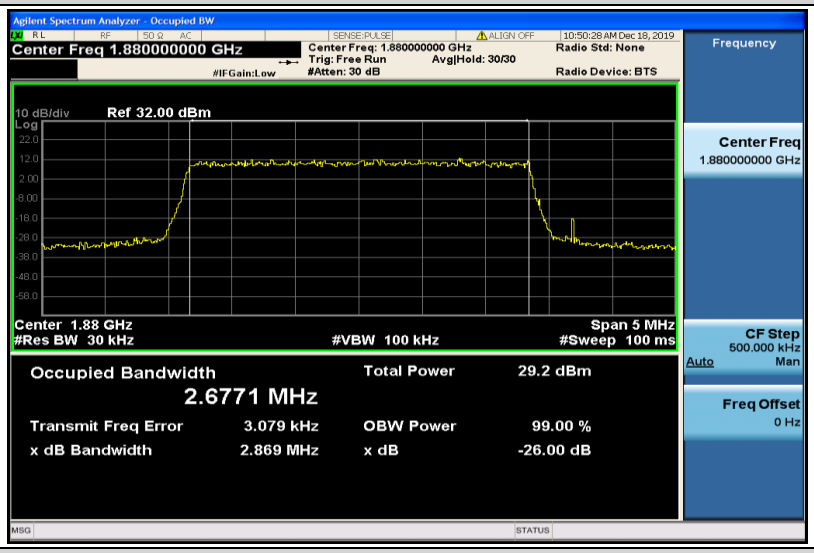
Band2-1.4MHz-16QAM-18900-6RB#0-1.0797



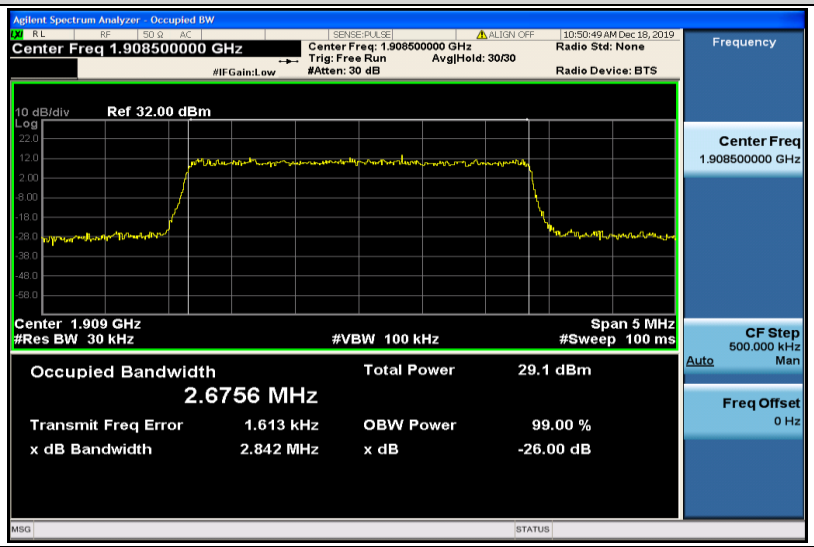
Band2-1.4MHz-16QAM-19193-6RB#0-1.0811



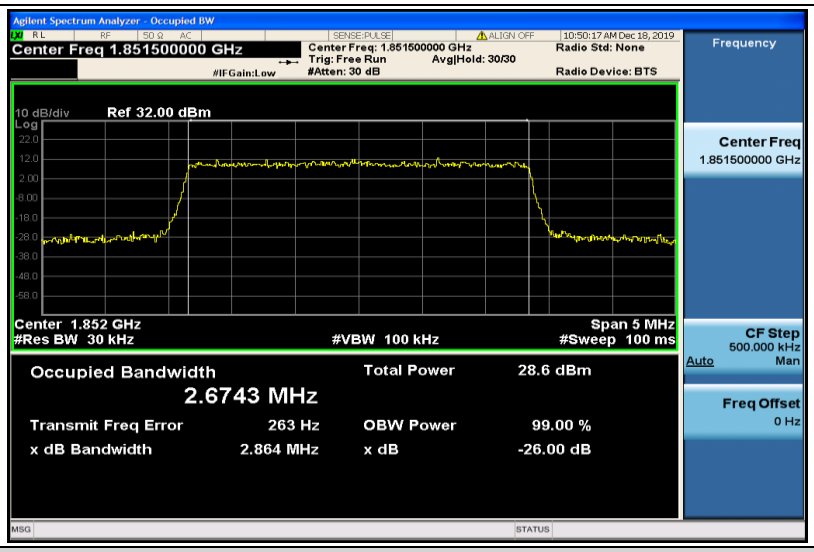
Band2-3MHz-QPSK-18615-15RB#0-2.6787



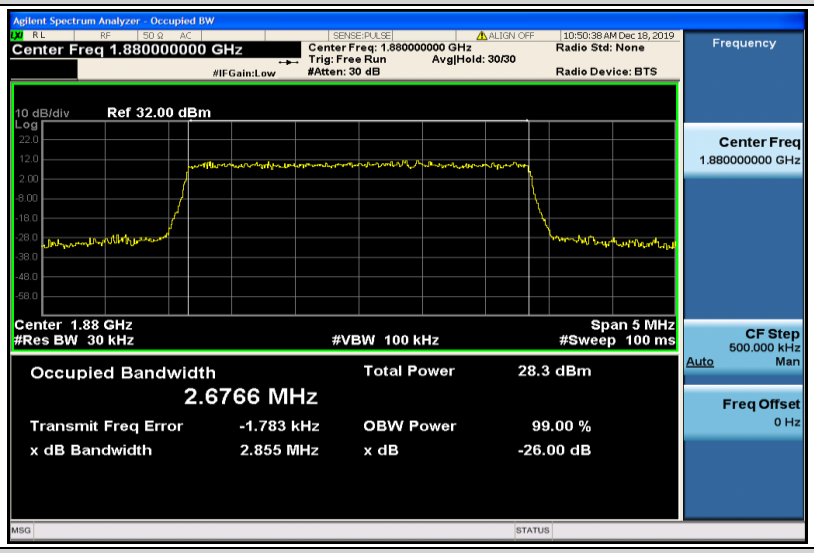
Band2-3MHz-QPSK-18900-15RB#0-2.6771



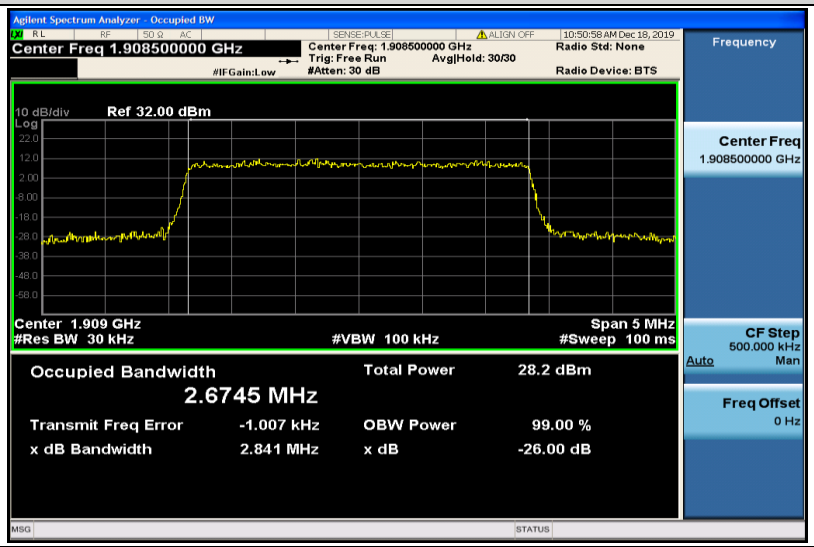
Band2-3MHz-QPSK-19185-15RB#0-2.6756



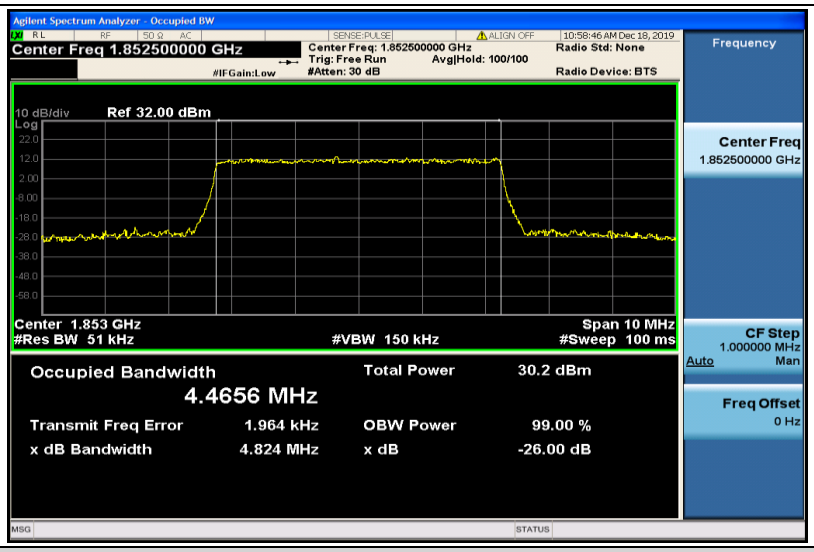
Band2-3MHz-16QAM-18615-15RB#0-2.6743



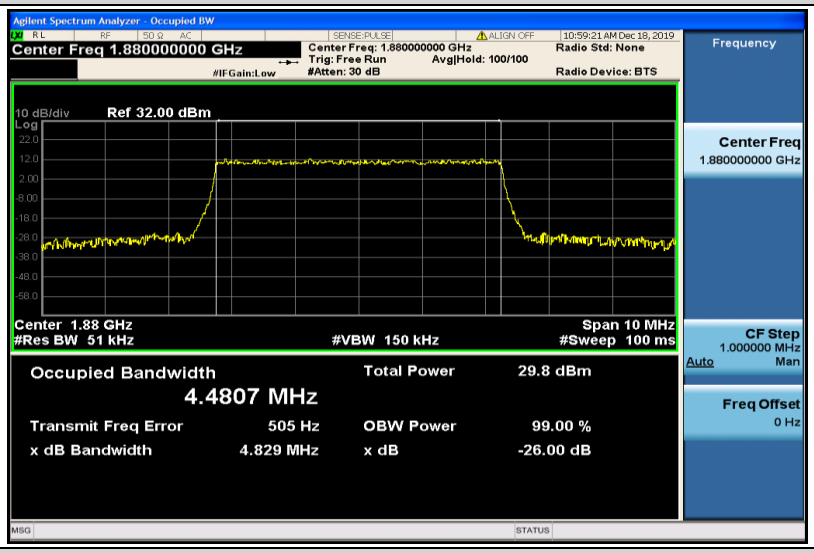
Band2-3MHz-16QAM-18900-15RB#0-2.6766



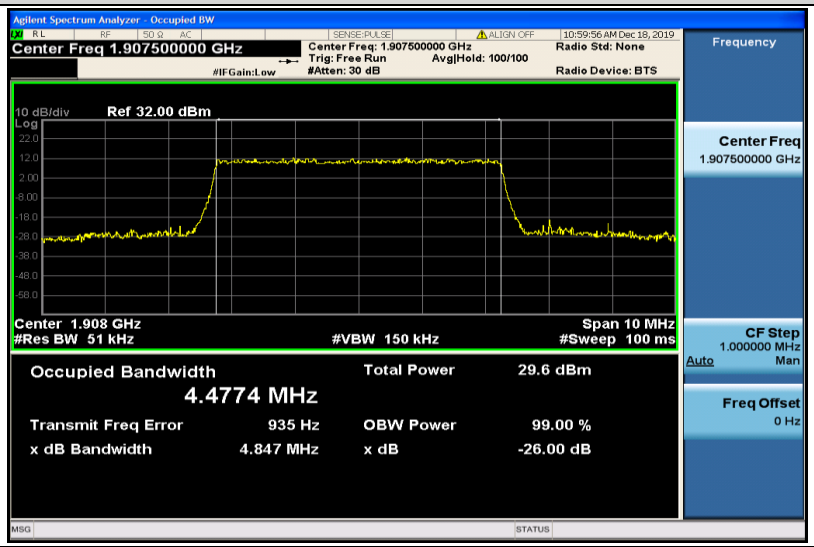
Band2-3MHz-16QAM-19185-15RB#0-2.6745



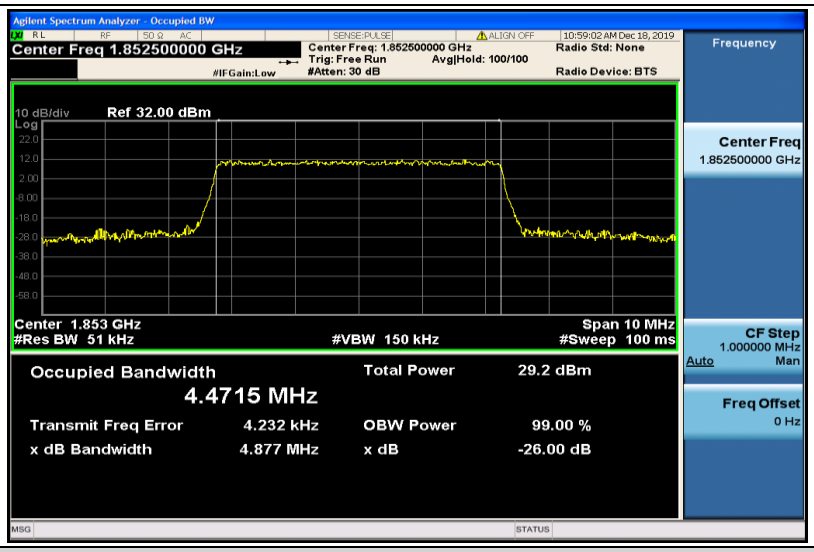
Band2-5MHz-QPSK-18625-25RB#0-4.4656



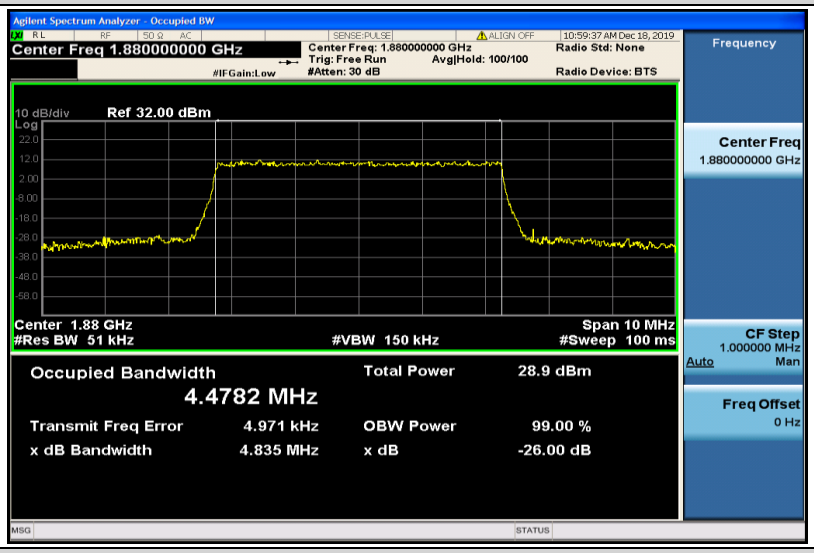
Band2-5MHz-QPSK-18900-25RB#0-4.4807



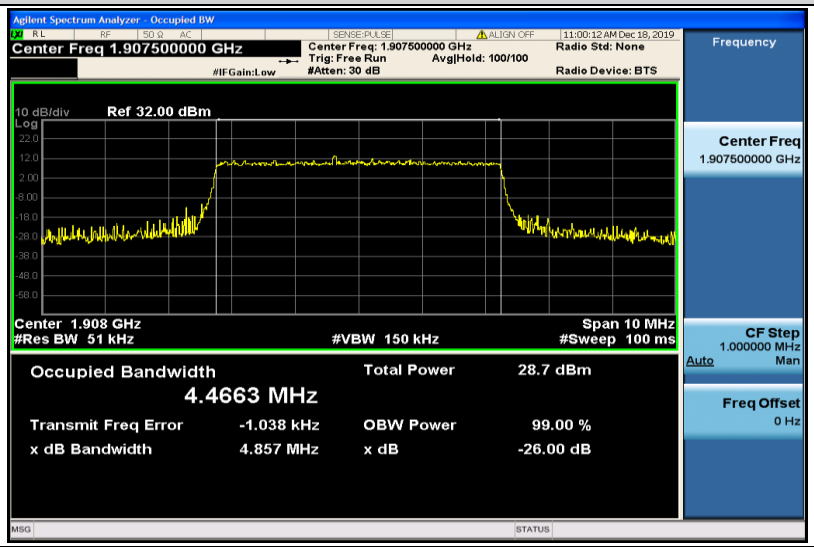
Band2-5MHz-QPSK-19175-25RB#0-4.4774



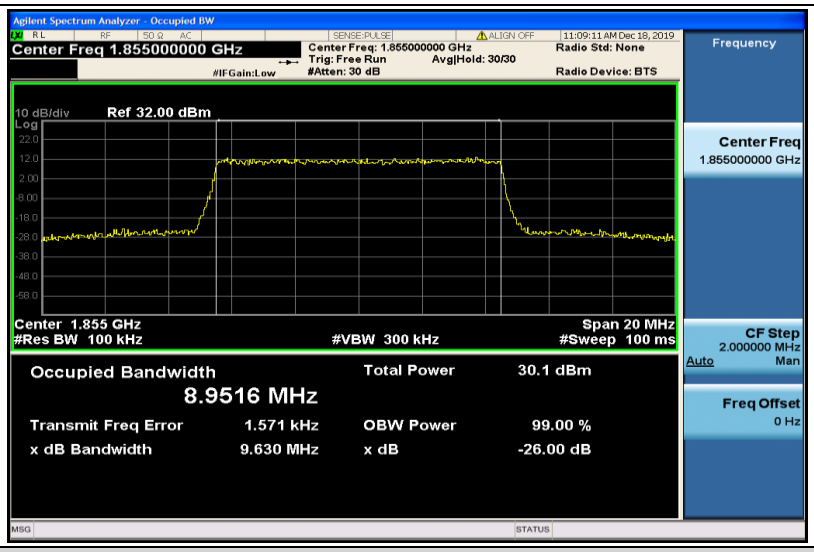
Band2-5MHz-16QAM-18625-25RB#0-4.4715



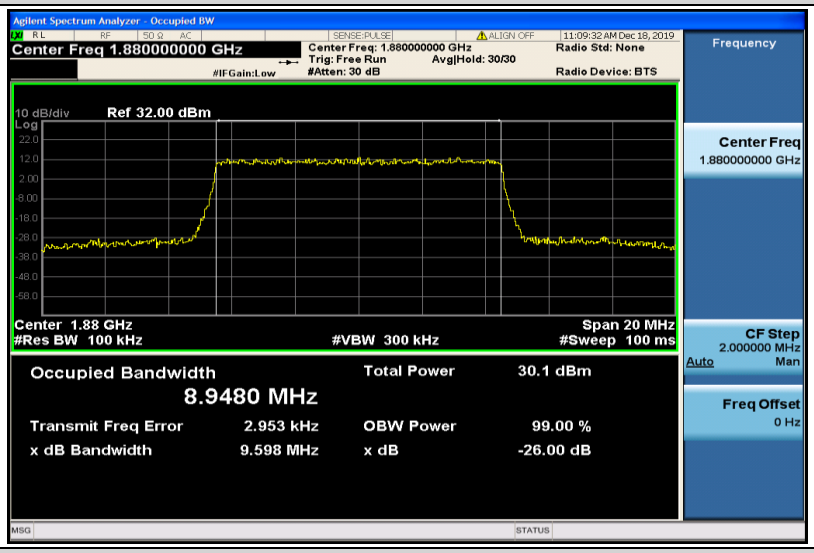
Band2-5MHz-16QAM-18900-25RB#0-4.4782



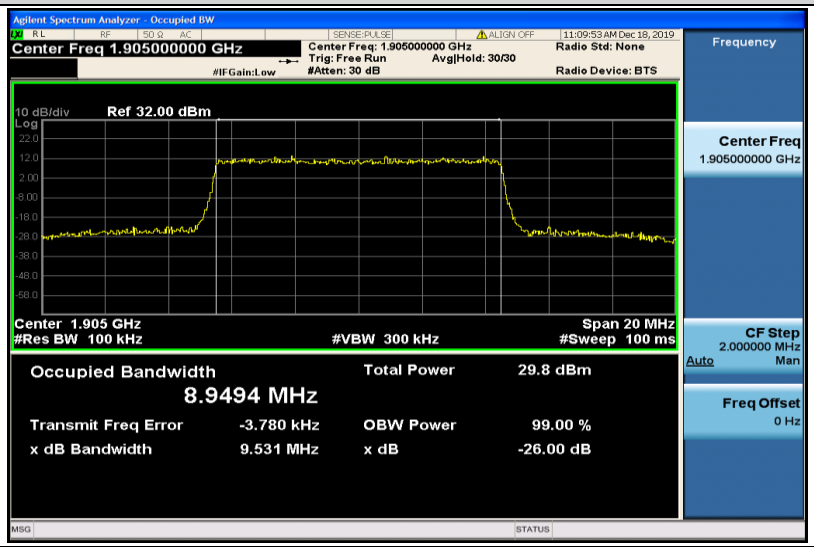
Band2-5MHz-16QAM-19175-25RB#0-4.4663



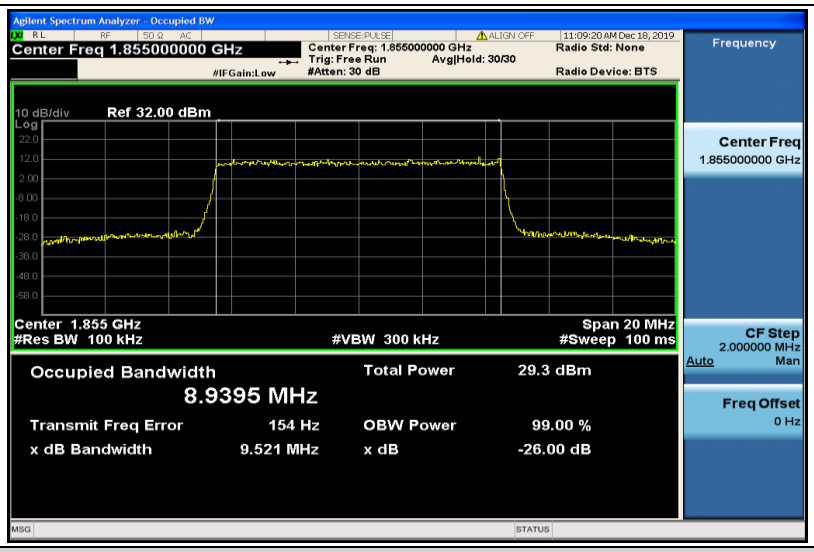
Band2-10MHz-QPSK-18650-50RB#0-8.9516



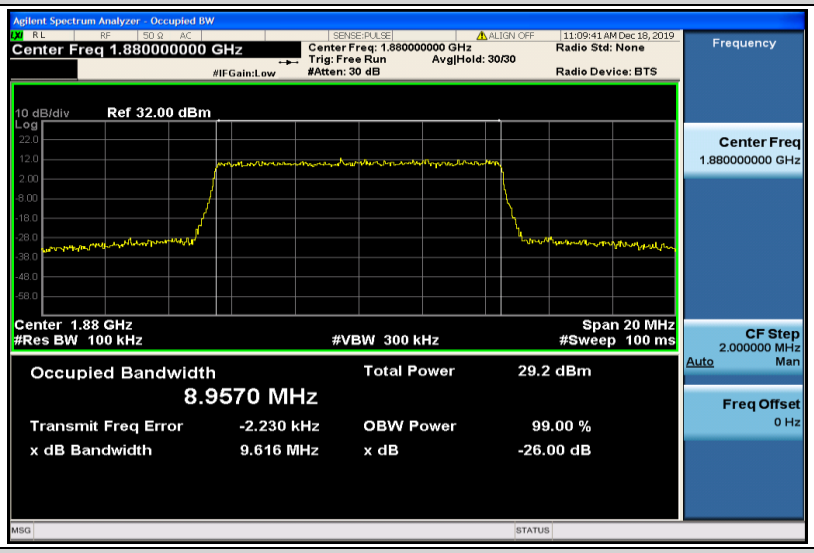
Band2-10MHz-QPSK-18900-50RB#0-8.9480



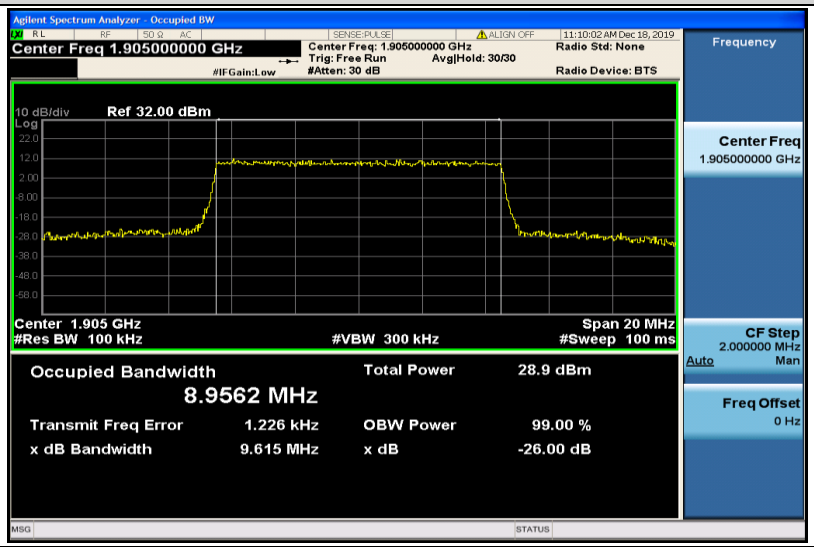
Band2-10MHz-QPSK-19150-50RB#0-8.9494



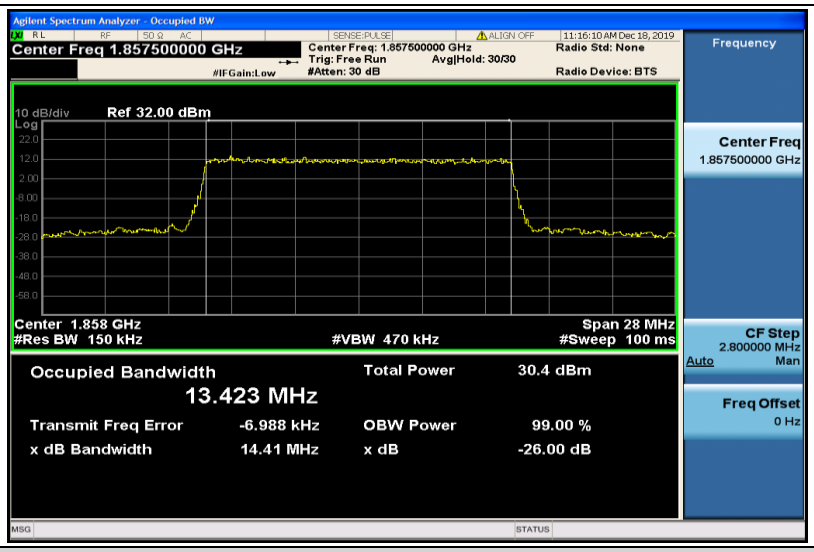
Band2-10MHz-16QAM-18650-50RB#0-8.9395



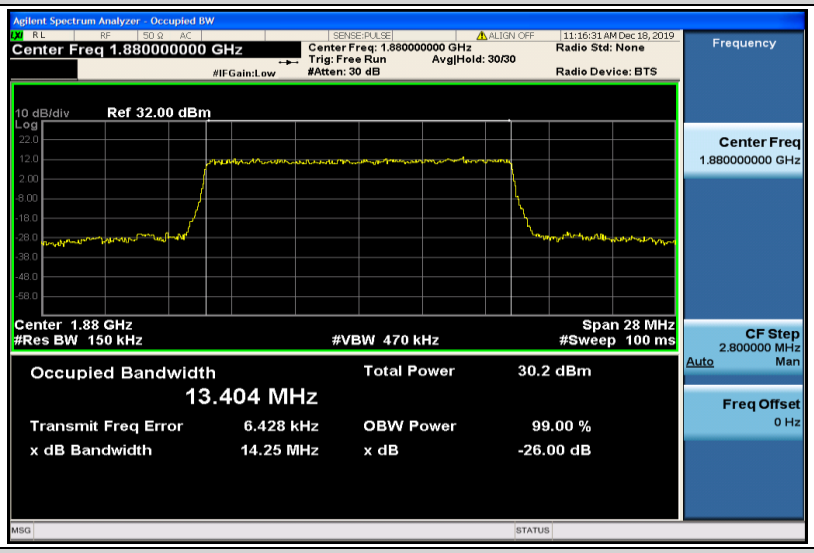
Band2-10MHz-16QAM-18900-50RB#0-8.9570



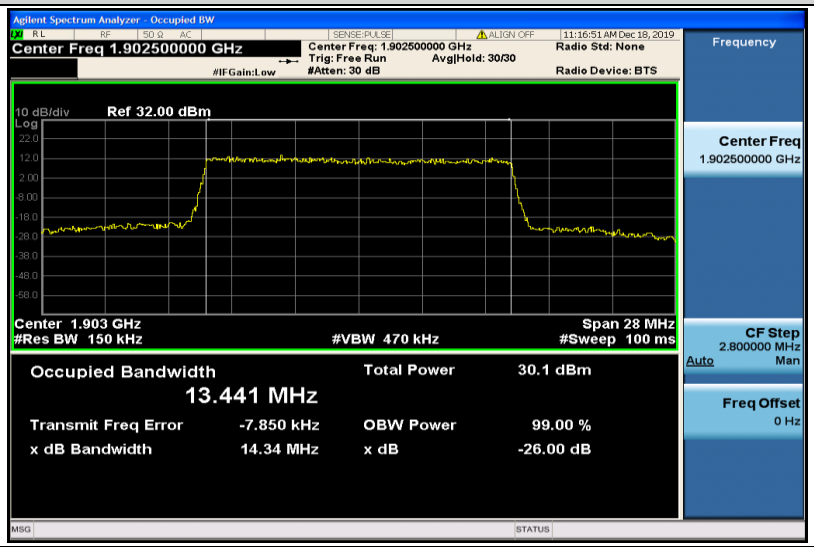
Band2-10MHz-16QAM-19150-50RB#0-8.9562



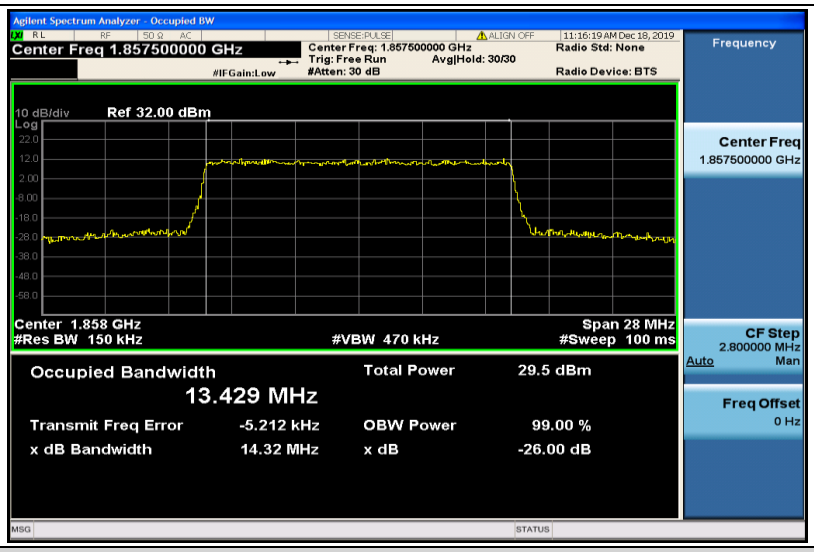
Band2-15MHz-QPSK-18675-75RB#0-13.423



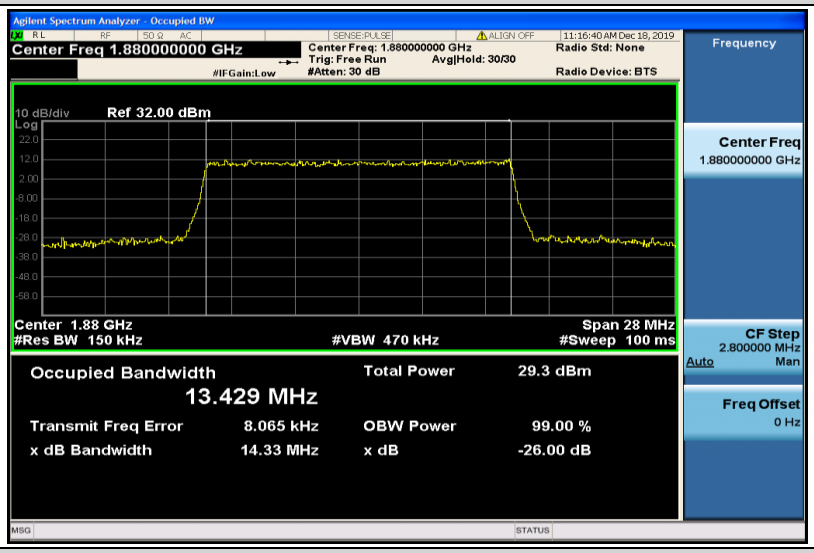
Band2-15MHz-QPSK-18900-75RB#0-13.404



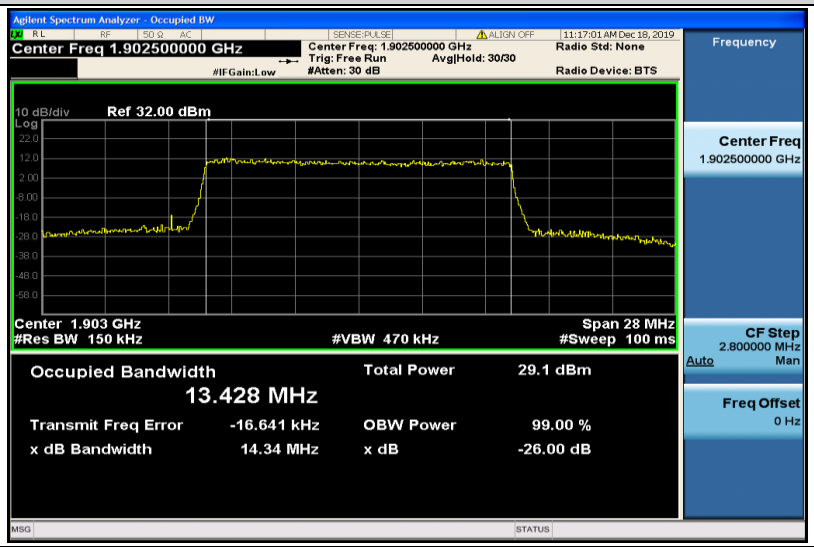
Band2-15MHz-QPSK-19125-75RB#0-13.441



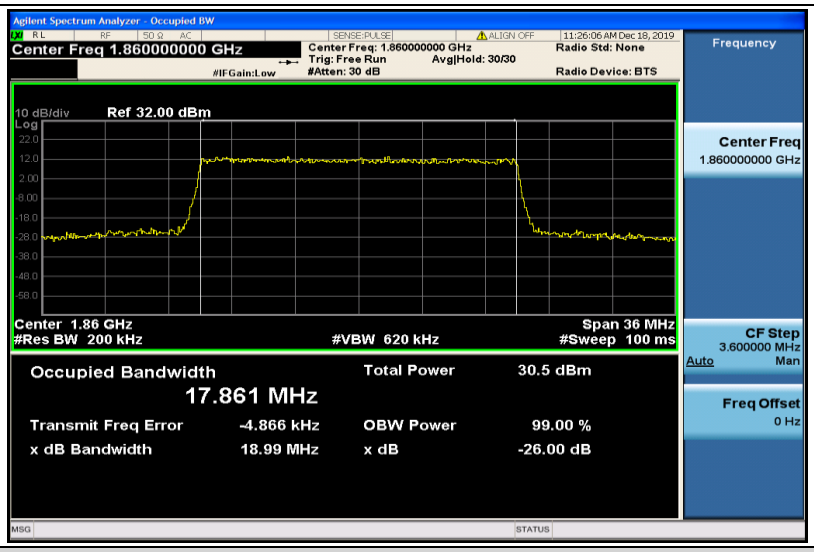
Band2-15MHz-16QAM-18675-75RB#0-13.429



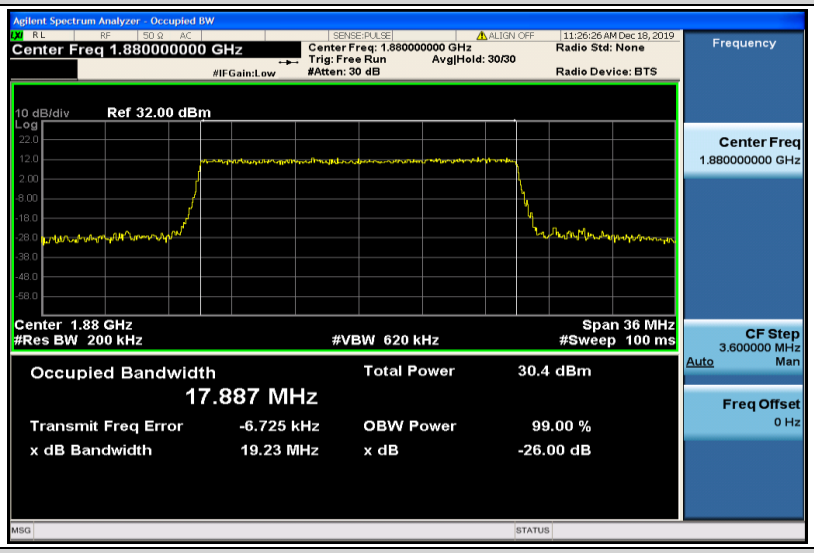
Band2-15MHz-16QAM-18900-75RB#0-13.429



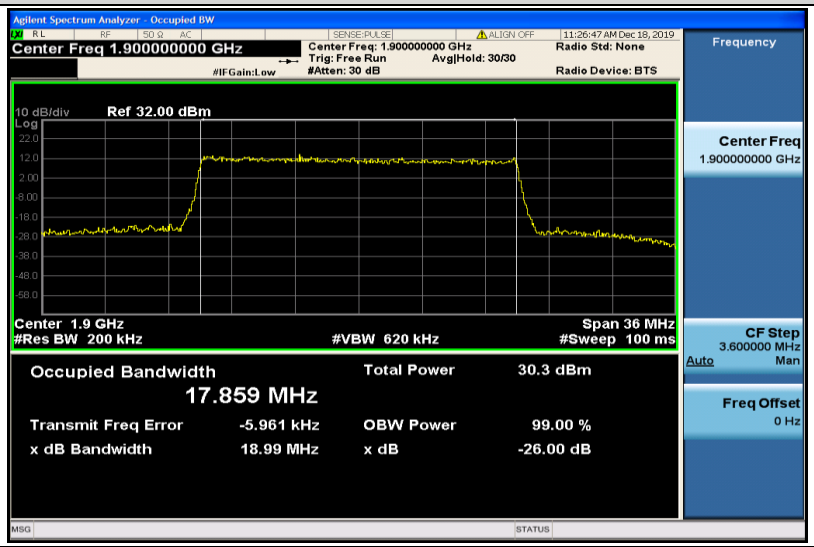
Band2-15MHz-16QAM-19125-75RB#0-13.428



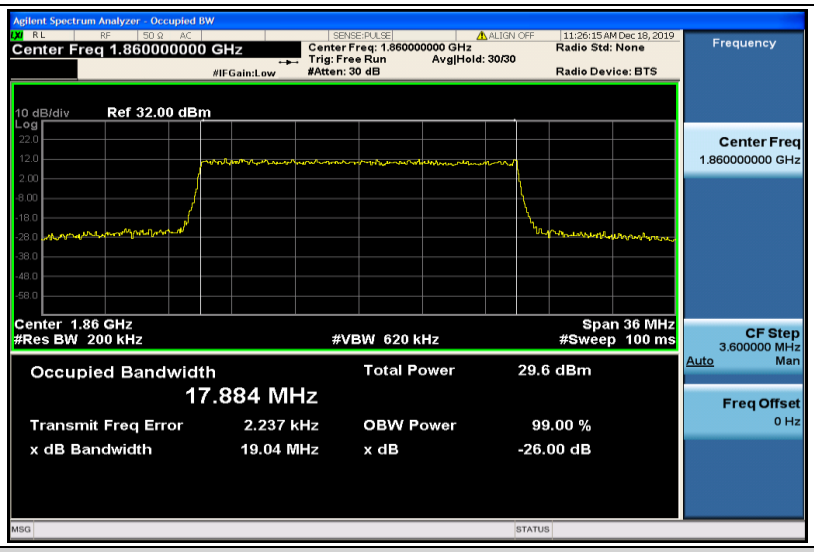
Band2-20MHz-QPSK-18700-100RB#0-17.861



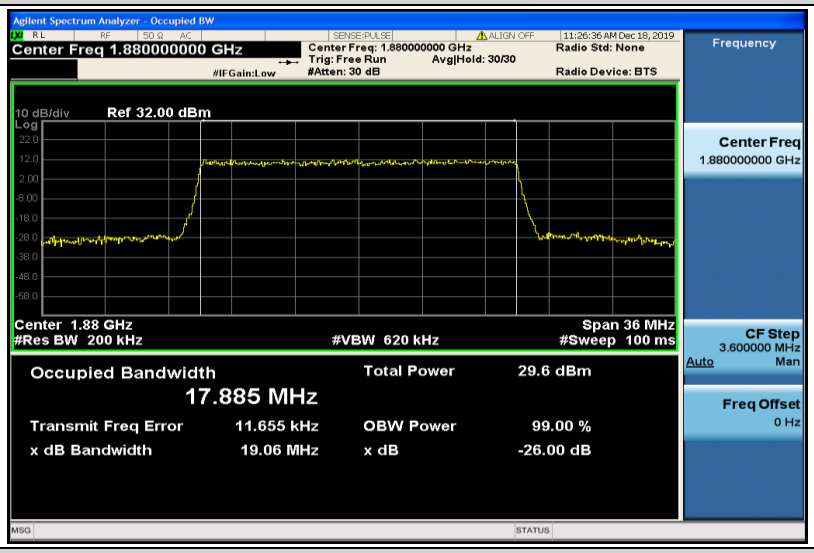
Band2-20MHz-QPSK-18900-100RB#0-17.887



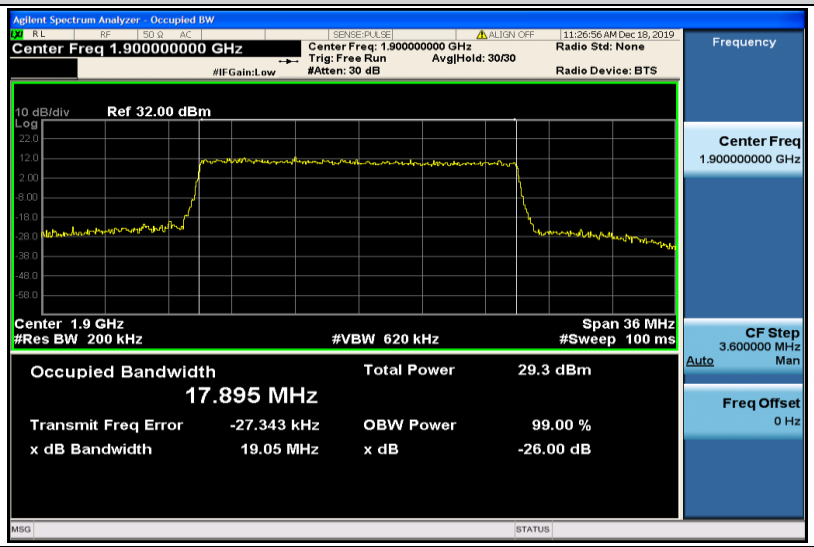
Band2-20MHz-QPSK-19100-100RB#0-17.859



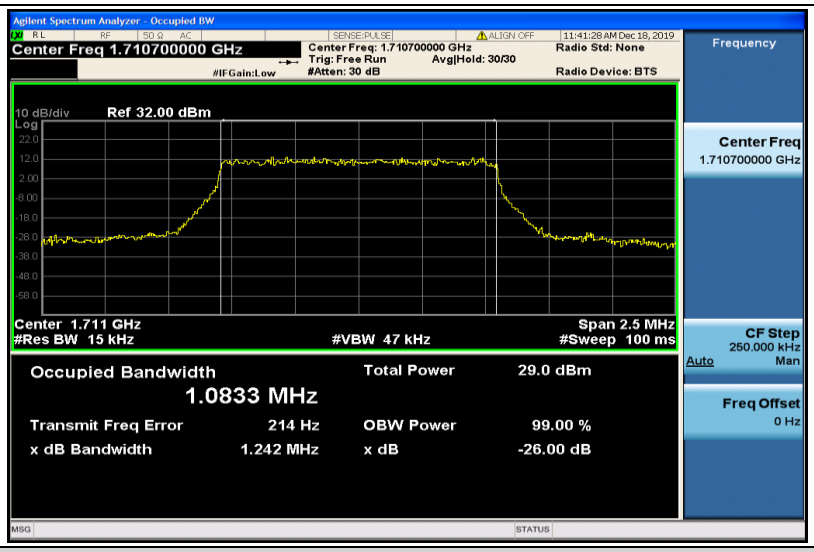
Band2-20MHz-16QAM-18700-100RB#0-17.884



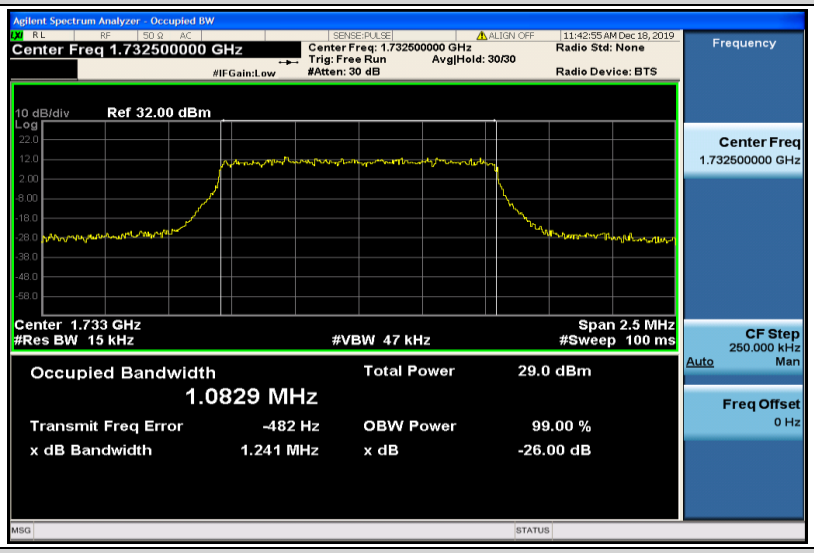
Band2-20MHz-16QAM-18900-100RB#0-17.885



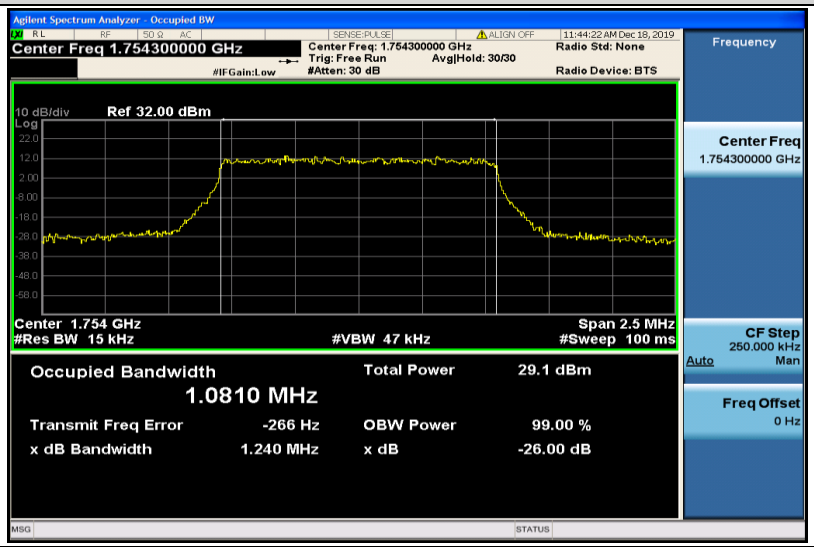
Band2-20MHz-16QAM-19100-100RB#0-17.895



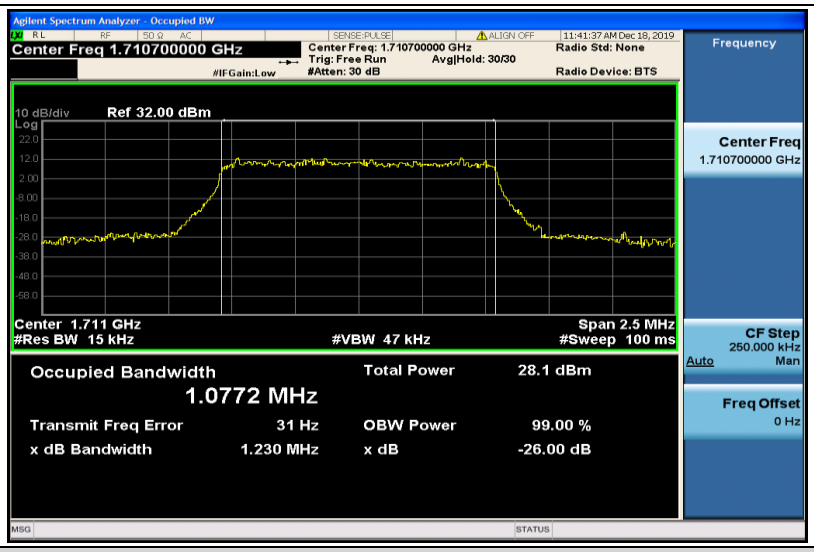
Band4-1.4MHz-QPSK-19957-6RB#0-1.0833



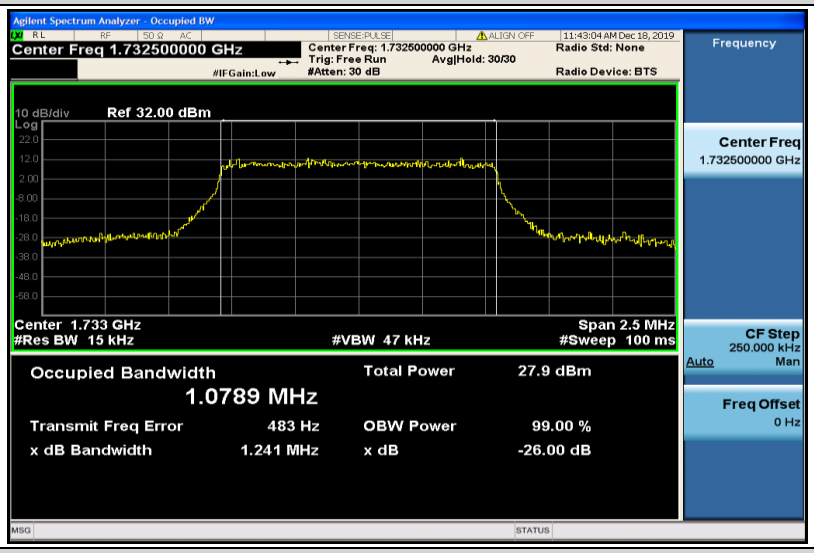
Band4-1.4MHz-QPSK-20175-6RB#0-1.0829



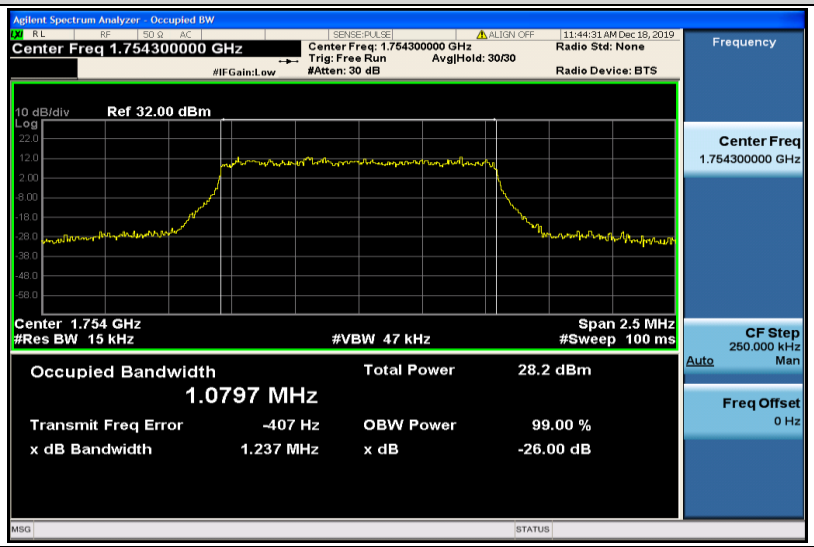
Band4-1.4MHz-QPSK-20393-6RB#0-1.0810



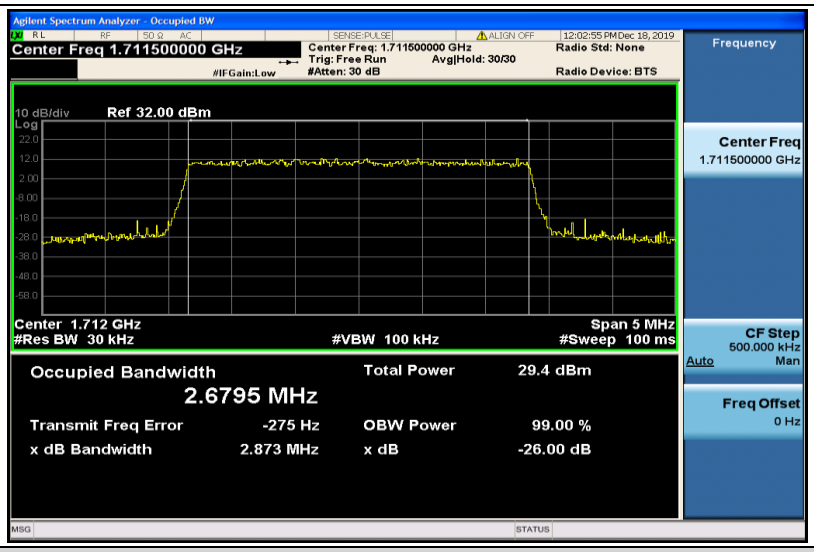
Band4-1.4MHz-16QAM-19957-6RB#0-1.0772



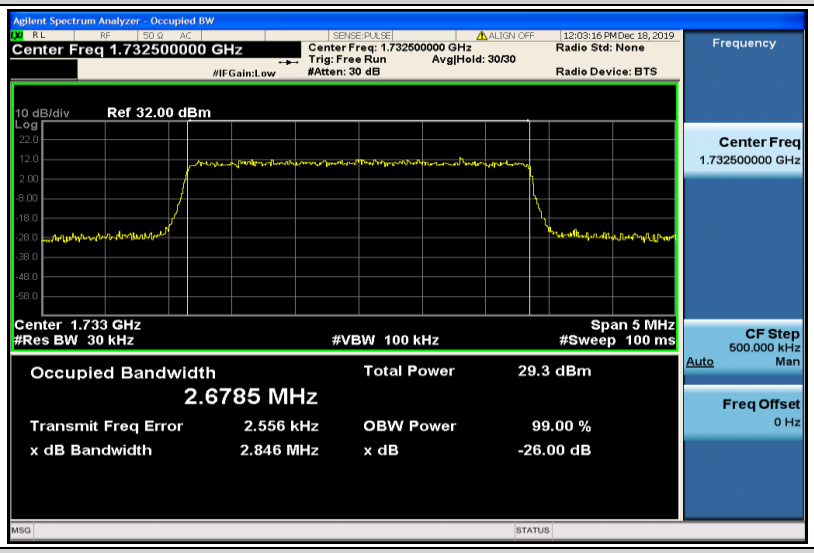
Band4-1.4MHz-16QAM-20175-6RB#0-1.0789



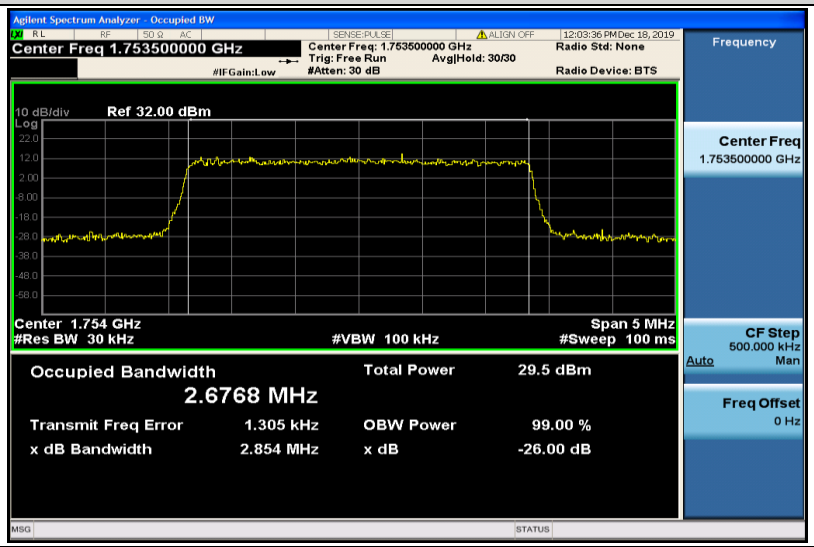
Band4-1.4MHz-16QAM-20393-6RB#0-1.0797



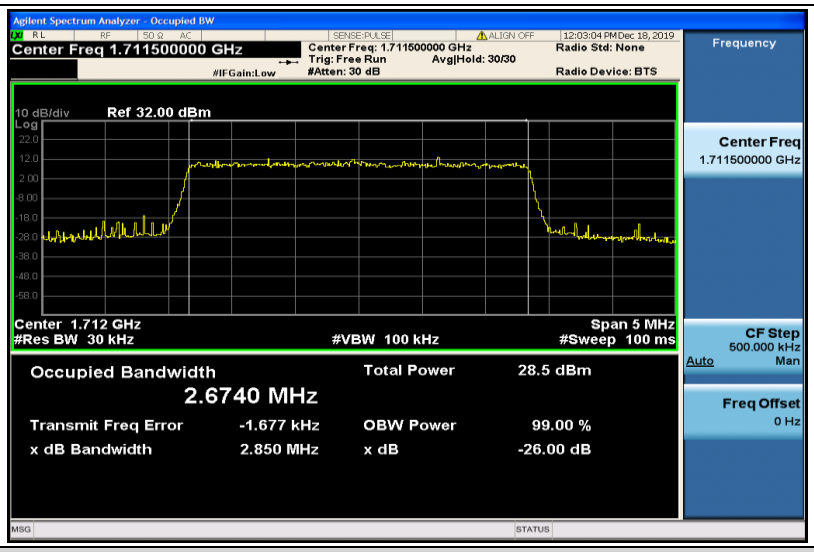
Band4-3MHz-QPSK-19965-15RB#0-2.6795



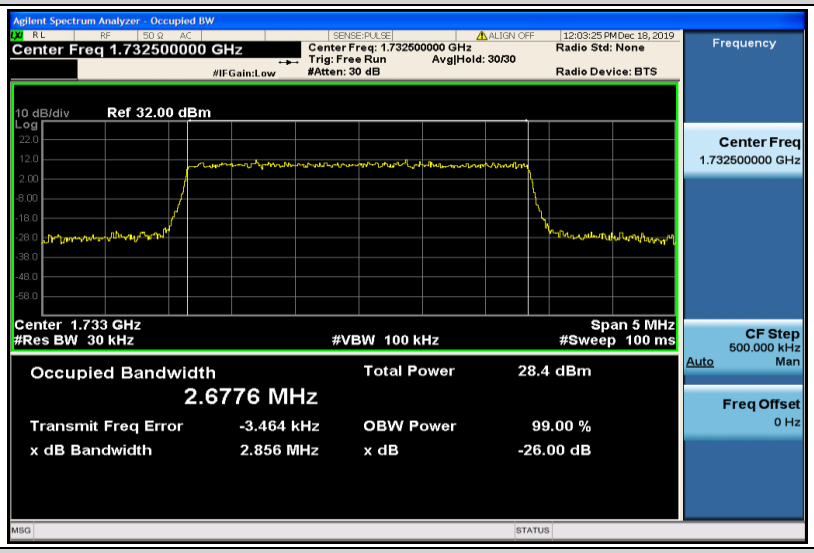
Band4-3MHz-QPSK-20175-15RB#0-2.6785



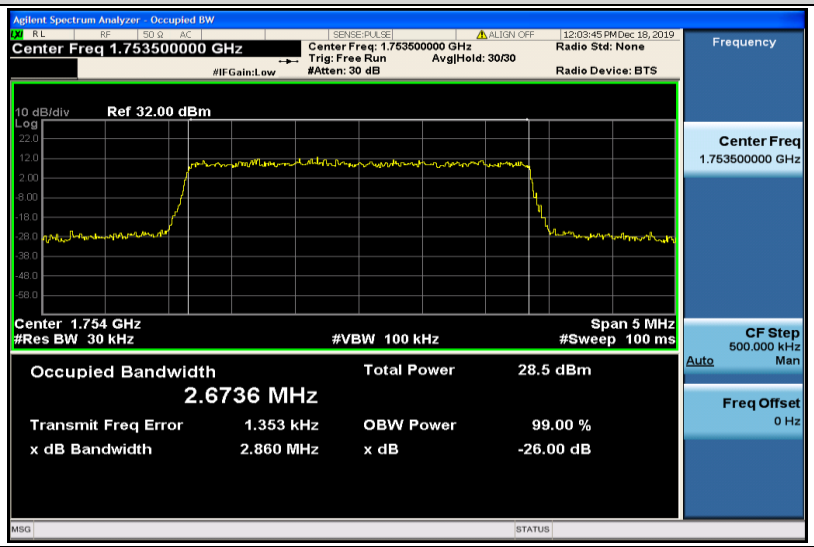
Band4-3MHz-QPSK-20385-15RB#0-2.6768



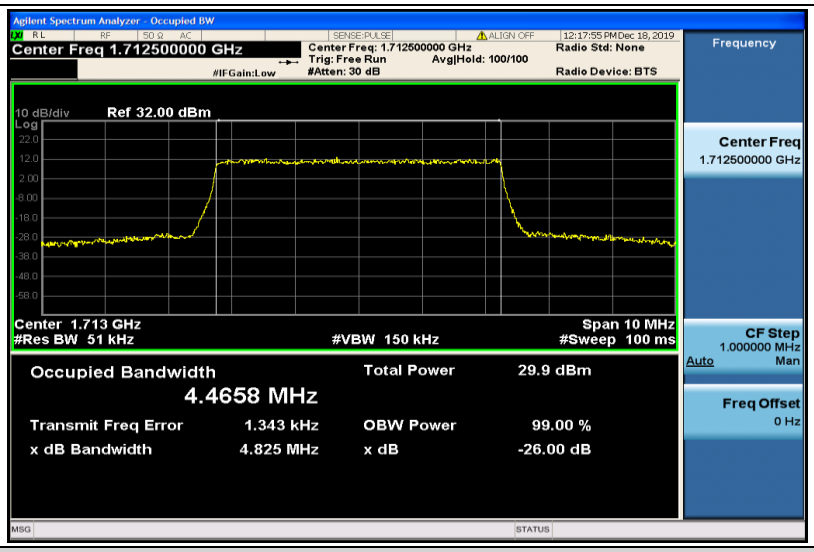
Band4-3MHz-16QAM-19965-15RB#0-2.6740



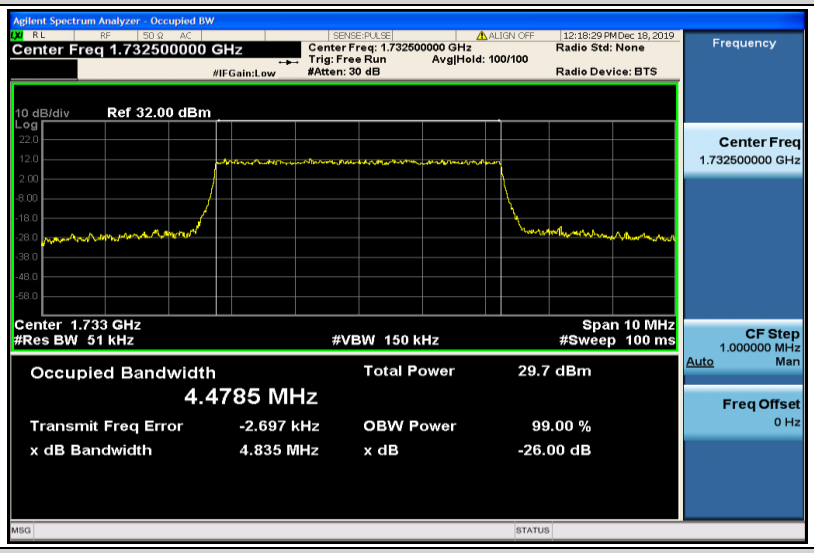
Band4-3MHz-16QAM-20175-15RB#0-2.6776



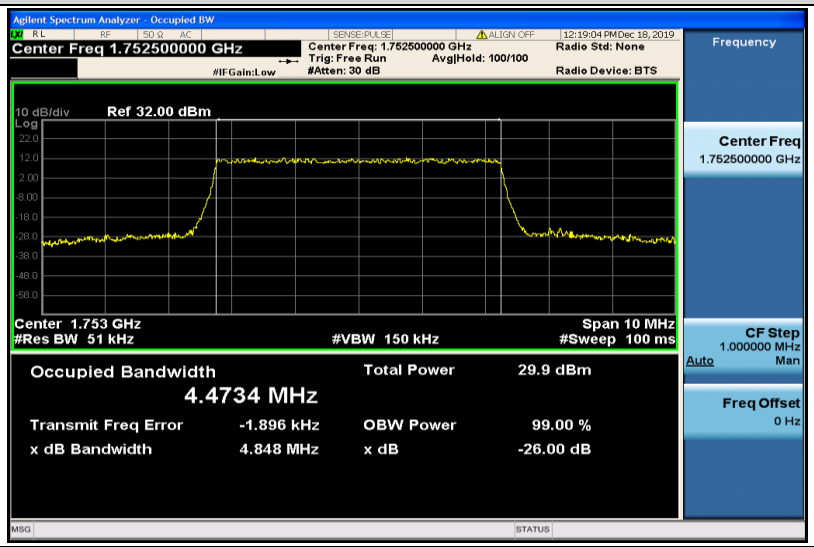
Band4-3MHz-16QAM-20385-15RB#0-2.6736



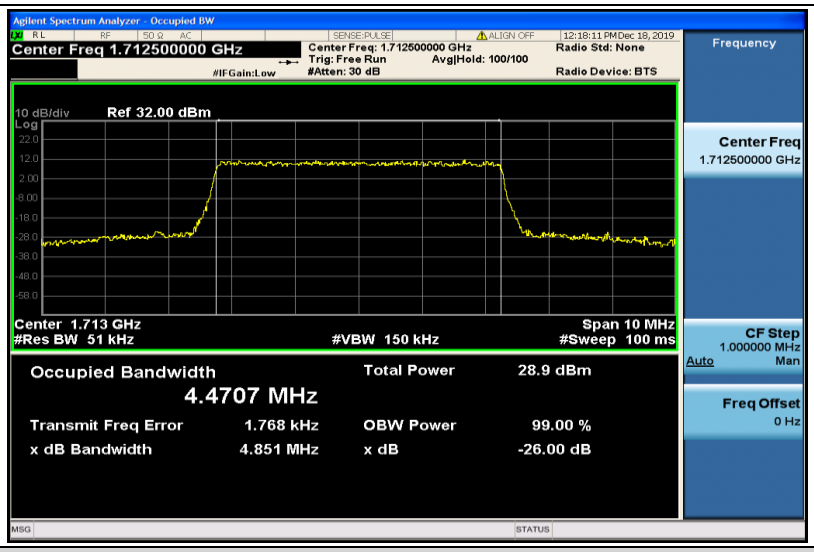
Band4-5MHz-QPSK-19975-25RB#0-4.4658



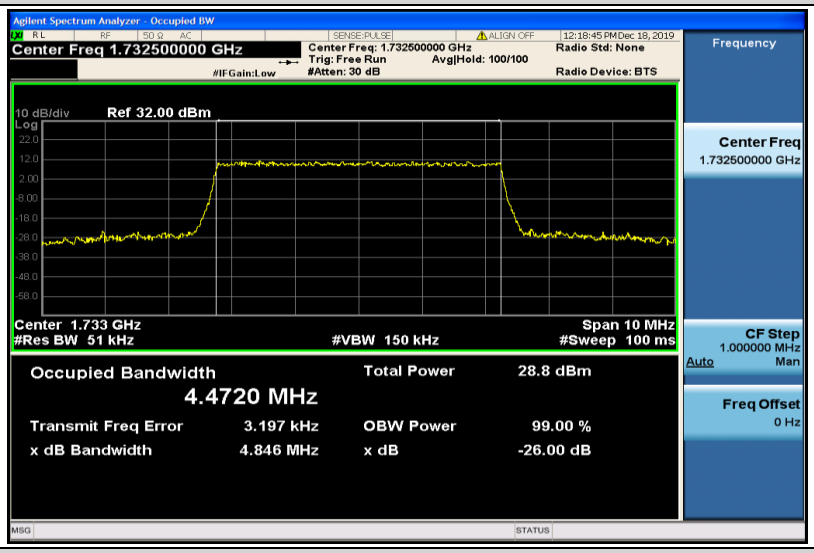
Band4-5MHz-QPSK-20175-25RB#0-4.4785



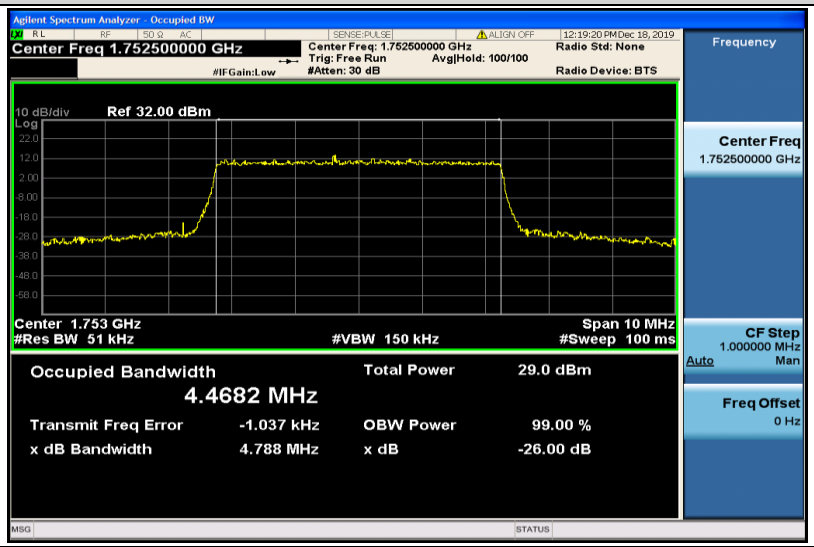
Band4-5MHz-QPSK-20375-25RB#0-4.4734



Band4-5MHz-16QAM-19975-25RB#0-4.4707



Band4-5MHz-16QAM-20175-25RB#0-4.4720



Band4-5MHz-16QAM-20375-25RB#0-4.4682