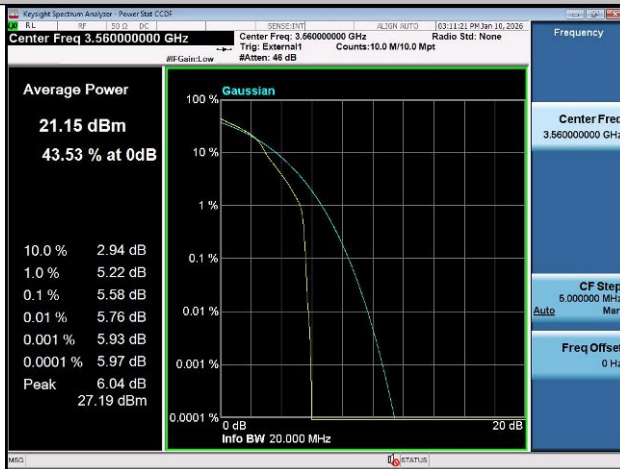


Band48-20MHz-16QAM-55340-1RB#0-PASS



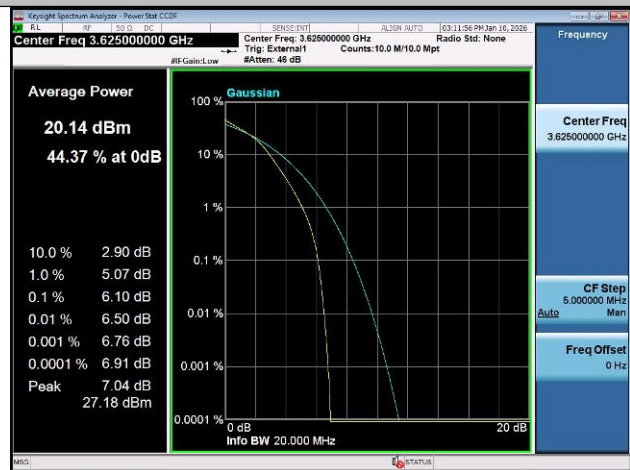
Band48-20MHz-16QAM-55340-100RB#0-PASS



Band48-20MHz-16QAM-55990-1RB#0-PASS



Band48-20MHz-16QAM-55990-100RB#0-PASS



Band48-20MHz-16QAM-56640-1RB#0-PASS

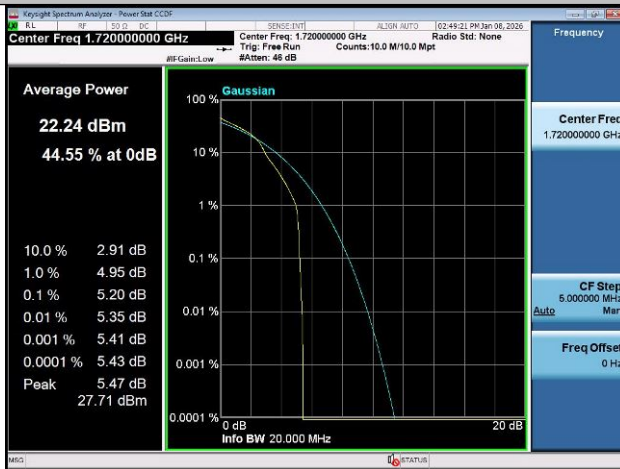


Band48-20MHz-16QAM-56640-100RB#0-PASS





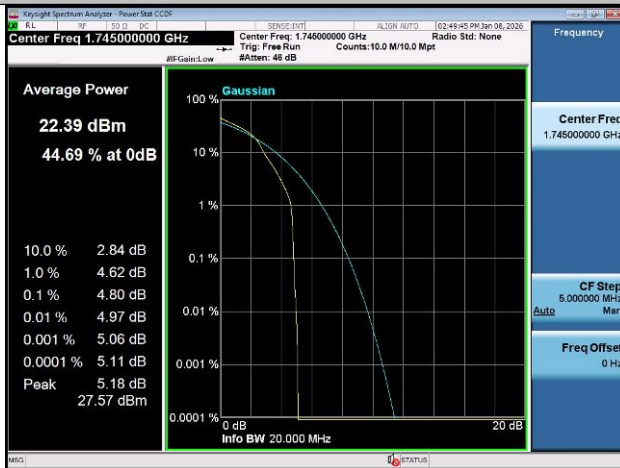
Band66-20MHz-16QAM-132072-1RB#0-PASS



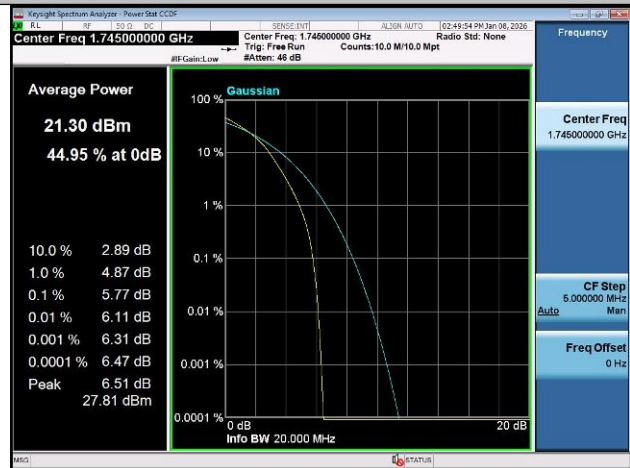
Band66-20MHz-16QAM-132072-100RB#0-PASS



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



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

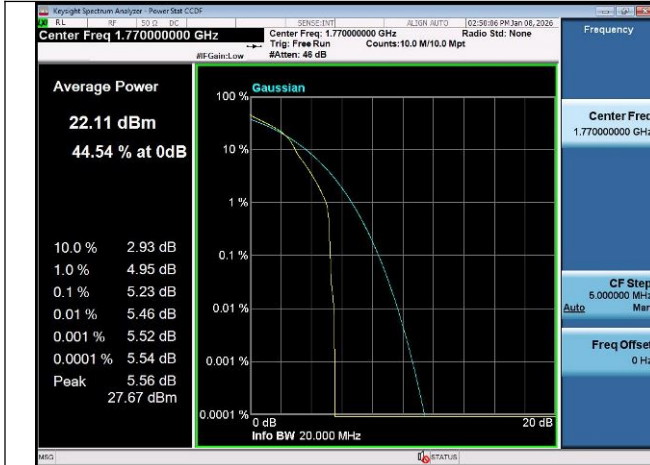


Band66-20MHz-16QAM-132572-1RB#0-PASS

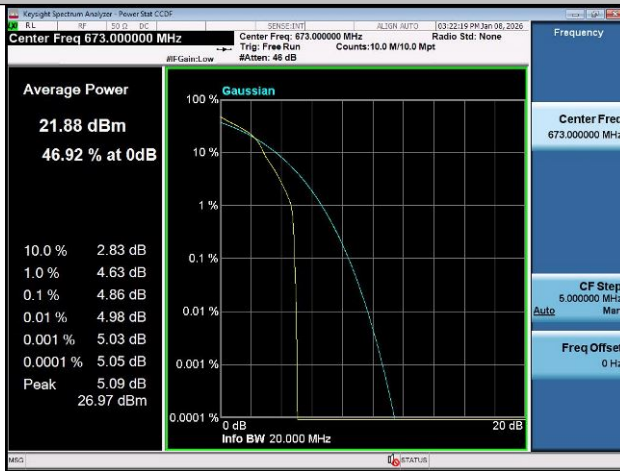


Band66-20MHz-16QAM-132572-100RB#0-PASS





Band71-20MHz-16QAM-133222-1RB#0-PASS



Band71-20MHz-16QAM-133222-100RB#0-PASS



Band71-20MHz-16QAM-133322-1RB#0-PASS



Band71-20MHz-16QAM-133322-100RB#0-PASS

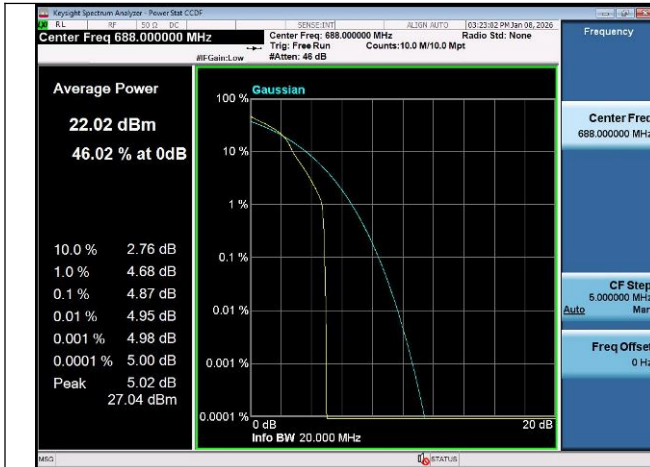


Band71-20MHz-16QAM-133372-1RB#0-PASS



Band71-20MHz-16QAM-133372-100RB#0-PASS





3. 26dB Emission Bandwidth and 99% Occupied Bandwidth

3.1 Test Result and Data

Band	Bandwidth	Modulation	Channel	RB Configuration	26dB EBW (MHz)	99% OBW (MHz)	Verdict
Band2	1.4MHz	QPSK	18900	6RB#0	1.368	1.1031	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.356	1.1014	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.991	2.6842	PASS
Band2	3MHz	16QAM	18900	15RB#0	3.000	2.6867	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.183	4.5187	PASS
Band2	5MHz	16QAM	18900	25RB#0	5.156	4.5125	PASS
Band2	10MHz	QPSK	18900	50RB#0	9.809	8.9419	PASS
Band2	10MHz	16QAM	18900	50RB#0	9.737	8.9434	PASS
Band2	15MHz	QPSK	18900	75RB#0	14.97	13.468	PASS
Band2	15MHz	16QAM	18900	75RB#0	14.83	13.464	PASS
Band2	20MHz	QPSK	18900	100RB#0	19.41	17.859	PASS
Band2	20MHz	16QAM	18900	100RB#0	19.34	17.840	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.367	1.1017	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.377	1.0996	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.995	2.6906	PASS
Band4	3MHz	16QAM	20175	15RB#0	3.005	2.6905	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.149	4.5211	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.239	4.5269	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.833	8.9530	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.876	8.9627	PASS
Band4	15MHz	QPSK	20175	75RB#0	15.00	13.543	PASS
Band4	15MHz	16QAM	20175	75RB#0	15.12	13.508	PASS
Band4	20MHz	QPSK	20175	100RB#0	19.63	17.972	PASS

Band4	20MHz	16QAM	20175	100RB#0	19.73	17.999	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.382	1.0999	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.369	1.1048	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.986	2.6887	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.993	2.6878	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.147	4.5170	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.191	4.5215	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.864	8.9609	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.902	8.9634	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.380	1.1039	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.368	1.1032	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.996	2.6865	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.975	2.6858	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.170	4.5241	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.154	4.5142	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.804	8.9337	PASS
Band12	10MHz	16QAM	23095	50RB#0	9.788	8.9501	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.170	4.5201	PASS
Band13	5MHz	16QAM	23230	25RB#0	5.177	4.5241	PASS
Band13	10MHz	QPSK	23230	50RB#0	9.849	8.9373	PASS
Band13	10MHz	16QAM	23230	50RB#0	9.707	8.9469	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.359	1.1036	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.376	1.1002	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.987	2.6851	PASS
Band25	3MHz	16QAM	26365	15RB#0	3.000	2.6902	PASS
Band25	5MHz	QPSK	26365	25RB#0	5.158	4.5238	PASS
Band25	5MHz	16QAM	26365	25RB#0	5.176	4.5228	PASS
Band25	10MHz	QPSK	26365	50RB#0	9.839	8.9408	PASS

Band25	10MHz	16QAM	26365	50RB#0	9.827	8.9599	PASS
Band25	15MHz	QPSK	26365	75RB#0	14.94	13.472	PASS
Band25	15MHz	16QAM	26365	75RB#0	14.87	13.463	PASS
Band25	20MHz	QPSK	26365	100RB#0	19.57	17.929	PASS
Band25	20MHz	16QAM	26365	100RB#0	19.47	17.897	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	1.367	1.1029	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	1.378	1.1028	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	3.027	2.6861	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	2.992	2.6900	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	5.140	4.5194	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	5.175	4.5212	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	9.896	8.9627	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	9.776	8.9471	PASS
Band26(824-849)	1.4MHz	QPSK	26915	6RB#0	1.360	1.1026	PASS
Band26(824-849)	1.4MHz	16QAM	26915	6RB#0	1.365	1.1011	PASS
Band26(824-849)	3MHz	QPSK	26915	15RB#0	2.983	2.6876	PASS
Band26(824-849)	3MHz	16QAM	26915	15RB#0	2.983	2.6887	PASS
Band26(824-849)	5MHz	QPSK	26915	25RB#0	5.178	4.5260	PASS
Band26(824-849)	5MHz	16QAM	26915	25RB#0	5.222	4.5251	PASS
Band26(824-849)	10MHz	QPSK	26915	50RB#0	9.860	8.9555	PASS
Band26(824-849)	10MHz	16QAM	26915	50RB#0	9.810	8.9560	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	15.05	13.501	PASS
Band26(824-849)	15MHz	16QAM	26915	75RB#0	14.97	13.520	PASS
Band30	5MHz	QPSK	27710	25RB#0	5.125	4.5187	PASS
Band30	5MHz	16QAM	27710	25RB#0	5.153	4.5200	PASS
Band30	10MHz	QPSK	27710	50RB#0	9.699	8.9354	PASS
Band30	10MHz	16QAM	27710	50RB#0	9.713	8.9490	PASS
Band41	5MHz	QPSK	40620	25RB#0	5.365	4.5134	PASS

Band41	5MHz	16QAM	40620	25RB#0	5.184	4.5133	PASS
Band41	10MHz	QPSK	40620	50RB#0	10.17	8.9509	PASS
Band41	10MHz	16QAM	40620	50RB#0	9.749	8.9505	PASS
Band41	15MHz	QPSK	40620	75RB#0	16.01	13.505	PASS
Band41	15MHz	16QAM	40620	75RB#0	15.21	13.503	PASS
Band41	20MHz	QPSK	40620	100RB#0	20.00	17.942	PASS
Band41	20MHz	16QAM	40620	100RB#0	19.95	17.917	PASS
Band48	5MHz	QPSK	55990	25RB#0	5.253	4.5238	PASS
Band48	5MHz	16QAM	55990	25RB#0	5.150	4.5162	PASS
Band48	10MHz	QPSK	55990	50RB#0	10.32	9.0045	PASS
Band48	10MHz	16QAM	55990	50RB#0	10.18	9.0080	PASS
Band48	15MHz	QPSK	55990	75RB#0	15.77	13.489	PASS
Band48	15MHz	16QAM	55990	75RB#0	14.81	13.492	PASS
Band48	20MHz	QPSK	55990	100RB#0	19.76	18.001	PASS
Band48	20MHz	16QAM	55990	100RB#0	19.60	17.969	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.383	1.1021	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.374	1.1044	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.997	2.6917	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.974	2.6874	PASS
Band66	5MHz	QPSK	132322	25RB#0	5.141	4.5219	PASS
Band66	5MHz	16QAM	132322	25RB#0	5.194	4.5302	PASS
Band66	10MHz	QPSK	132322	50RB#0	9.916	8.9436	PASS
Band66	10MHz	16QAM	132322	50RB#0	9.771	8.9562	PASS
Band66	15MHz	QPSK	132322	75RB#0	14.95	13.496	PASS
Band66	15MHz	16QAM	132322	75RB#0	14.86	13.482	PASS
Band66	20MHz	QPSK	132322	100RB#0	19.59	17.856	PASS
Band66	20MHz	16QAM	132322	100RB#0	19.50	17.884	PASS
Band71	5MHz	QPSK	133297	25RB#0	5.174	4.5242	PASS

Band71	5MHz	16QAM	133297	25RB#0	5.179	4.5151	PASS
Band71	10MHz	QPSK	133297	50RB#0	9.782	8.9517	PASS
Band71	10MHz	16QAM	133297	50RB#0	9.784	8.9482	PASS
Band71	15MHz	QPSK	133297	75RB#0	14.96	13.505	PASS
Band71	15MHz	16QAM	133297	75RB#0	15.05	13.501	PASS
Band71	20MHz	QPSK	133322	100RB#0	19.61	17.917	PASS
Band71	20MHz	16QAM	133322	100RB#0	19.54	17.924	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	26dB EBW (MHz)	99% OBW (MHz)	Verdict
2-2	5MHz-20MHz	QPSK-QPSK	18808-18925	25RB#0-100RB#0	24.41	22.904	PASS
2-2	5MHz-20MHz	16QAM-16QAM	18808-18925	25RB#0-100RB#0	24.23	22.870	PASS
2-2	10MHz-15MHz	QPSK-QPSK	18829-18949	50RB#0-75RB#0	24.87	23.086	PASS
2-2	10MHz-15MHz	16QAM-16QAM	18829-18949	50RB#0-75RB#0	24.78	23.070	PASS
2-2	10MHz-20MHz	QPSK-QPSK	18806-18950	50RB#0-100RB#0	29.75	27.728	PASS
2-2	10MHz-20MHz	16QAM-16QAM	18806-18950	50RB#0-100RB#0	29.68	27.726	PASS
2-2	15MHz-10MHz	QPSK-QPSK	18675-18795	75RB#0-50RB#0	24.99	23.341	PASS
2-2	15MHz-10MHz	QPSK-QPSK	18851-18971	75RB#0-50RB#0	24.81	23.118	PASS
2-2	15MHz-10MHz	QPSK-QPSK	19027-19147	75RB#0-50RB#0	24.83	23.155	PASS
2-2	15MHz-10MHz	16QAM-16QAM	18675-18795	75RB#0-50RB#0	25.00	23.325	PASS
2-2	15MHz-10MHz	16QAM-16QAM	18851-18971	75RB#0-50RB#0	24.86	23.075	PASS
2-2	15MHz-10MHz	16QAM-16QAM	19027-19147	75RB#0-50RB#0	24.90	23.135	PASS
2-2	15MHz-15MHz	QPSK-QPSK	18825-18975	75RB#0-75RB#0	30.32	28.369	PASS
2-2	15MHz-15MHz	16QAM-16QAM	18825-18975	75RB#0-75RB#0	30.38	28.322	PASS
2-2	15MHz-20MHz	QPSK-QPSK	18803-18974	75RB#0-100RB#0	34.86	32.612	PASS
2-2	15MHz-20MHz	16QAM-16QAM	18803-18974	75RB#0-100RB#0	34.93	32.639	PASS
2-2	20MHz-5MHz	QPSK-QPSK	18875-18992	100RB#0-25RB#0	24.38	22.881	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18875-18992	100RB#0-25RB#0	24.29	22.889	PASS
2-2	20MHz-10MHz	QPSK-QPSK	18851-18995	100RB#0-50RB#0	29.70	27.738	PASS
2-2	20MHz-10MHz	16QAM-16QAM	18851-18995	100RB#0-50RB#0	29.46	27.713	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18826-18997	100RB#0-75RB#0	34.86	32.604	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18826-18997	100RB#0-75RB#0	34.82	32.613	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18700-18898	100RB#0-100RB#0	40.32	37.722	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	40.14	37.565	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18902-19100	100RB#0-100RB#0	40.13	37.645	PASS

2-2	20MHz-20MHz	16QAM-16QAM	18700-18898	100RB#0-100RB#0	39.98	37.619	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18801-18999	100RB#0-100RB#0	40.08	37.602	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18902-19100	100RB#0-100RB#0	40.10	37.564	PASS
66-66	5MHz-20MHz	QPSK-QPSK	132328-132472	25RB#0-100RB#0	24.50	22.902	PASS
66-66	5MHz-20MHz	16QAM-16QAM	132328-132472	25RB#0-100RB#0	24.39	22.861	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132351-132471	50RB#0-75RB#0	24.85	23.163	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132351-132471	50RB#0-75RB#0	24.85	23.115	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132328-132472	50RB#0-100RB#0	29.70	27.706	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132328-132472	50RB#0-100RB#0	29.65	27.868	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132373-132493	75RB#0-50RB#0	24.82	23.211	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132373-132493	75RB#0-50RB#0	24.82	23.205	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132347-132497	75RB#0-75RB#0	30.44	28.437	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132347-132497	75RB#0-75RB#0	30.39	28.392	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132325-132496	75RB#0-100RB#0	34.95	32.748	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132325-132496	75RB#0-100RB#0	34.94	32.699	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132397-132514	100RB#0-25RB#0	24.54	22.941	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132397-132514	100RB#0-25RB#0	24.40	22.960	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132373-132517	100RB#0-50RB#0	29.72	27.886	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132373-132517	100RB#0-50RB#0	29.76	27.828	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132348-132519	100RB#0-75RB#0	34.97	32.695	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132348-132519	100RB#0-75RB#0	35.05	32.723	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	40.18	37.740	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132323-132521	100RB#0-100RB#0	40.28	37.677	PASS

3.2 Test Graphs

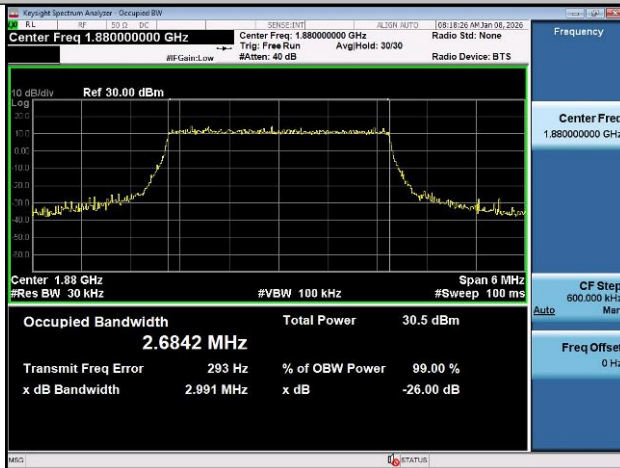
Band2-1.4MHz-QPSK-18900-6RB#0-PASS



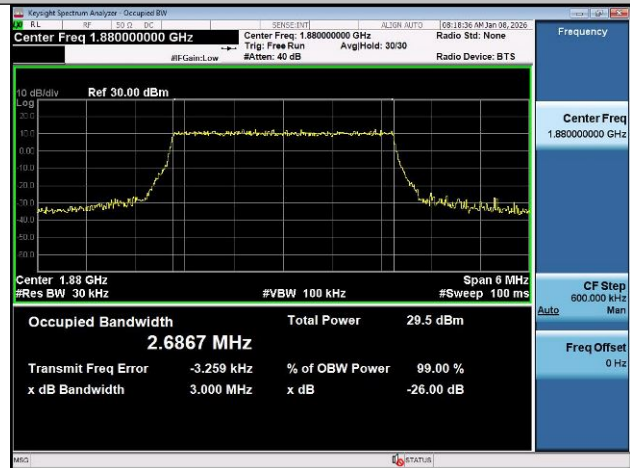
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Band2-3MHz-QPSK-18900-15RB#0-PASS

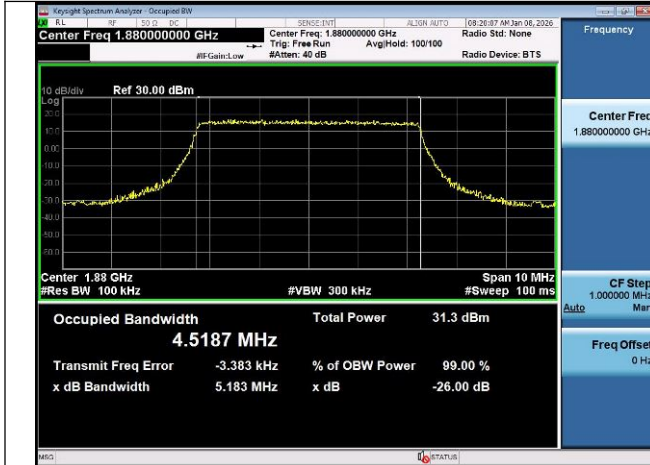


Band2-3MHz-16QAM-18900-15RB#0-PASS



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

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



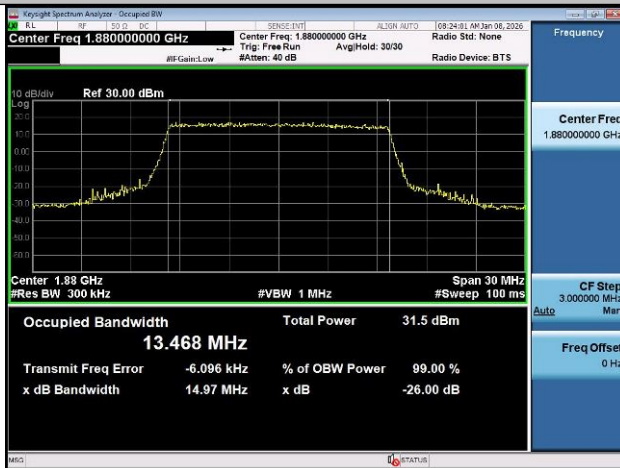
Band2-10MHz-QPSK-18900-50RB#0-PASS



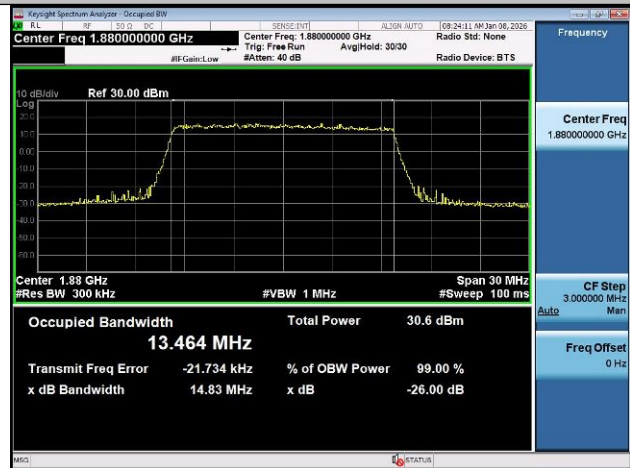
Band2-10MHz-16QAM-18900-50RB#0-PASS



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

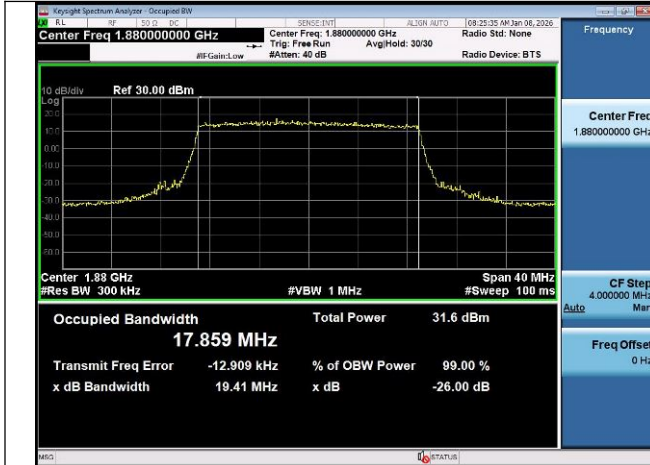


Band2-15MHz-16QAM-18900-75RB#0-PASS



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

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



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



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



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

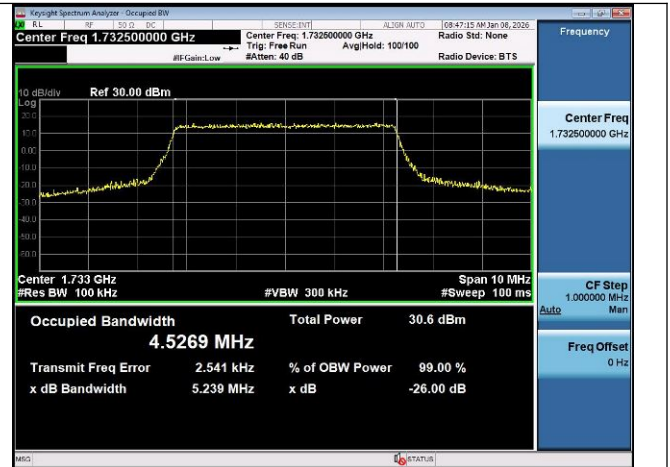


Band4-3MHz-16QAM-20175-15RB#0-PASS



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

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



Band4-10MHz-QPSK-20175-50RB#0-PASS



Band4-10MHz-16QAM-20175-50RB#0-PASS



Band4-15MHz-QPSK-20175-75RB#0-PASS

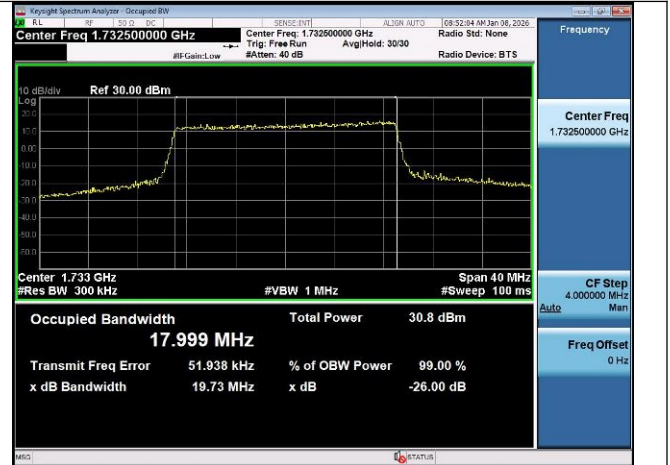
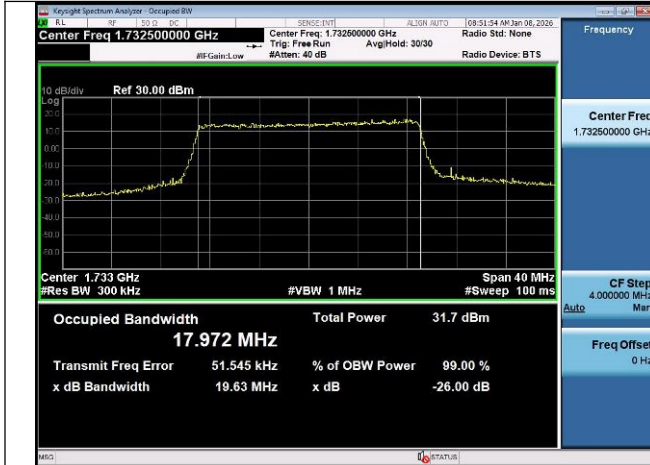


Band4-15MHz-16QAM-20175-75RB#0-PASS



Band4-20MHz-QPSK-20175-100RB#0-PASS

Band4-20MHz-16QAM-20175-100RB#0-PASS



Band5-1.4MHz-QPSK-20525-6RB#0-PASS



Band5-1.4MHz-16QAM-20525-6RB#0-PASS



Band5-3MHz-QPSK-20525-15RB#0-PASS

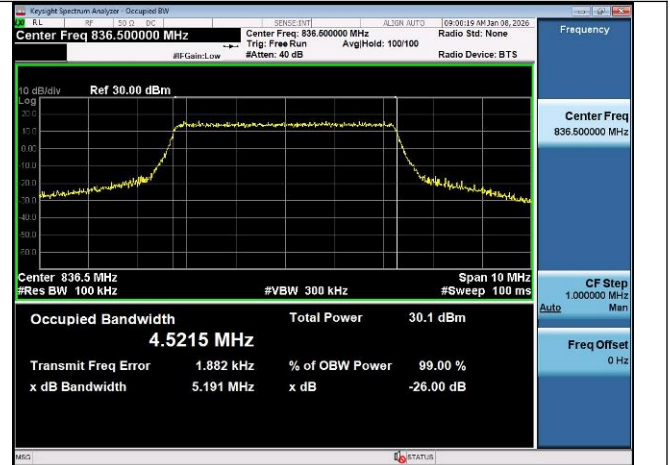


Band5-3MHz-16QAM-20525-15RB#0-PASS



Band5-5MHz-QPSK-20525-25RB#0-PASS

Band5-5MHz-16QAM-20525-25RB#0-PASS



Band5-10MHz-QPSK-20525-50RB#0-PASS



Band5-10MHz-16QAM-20525-50RB#0-PASS



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



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

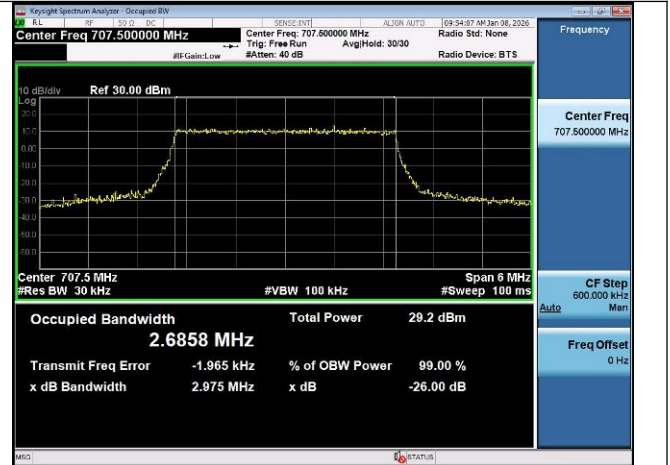
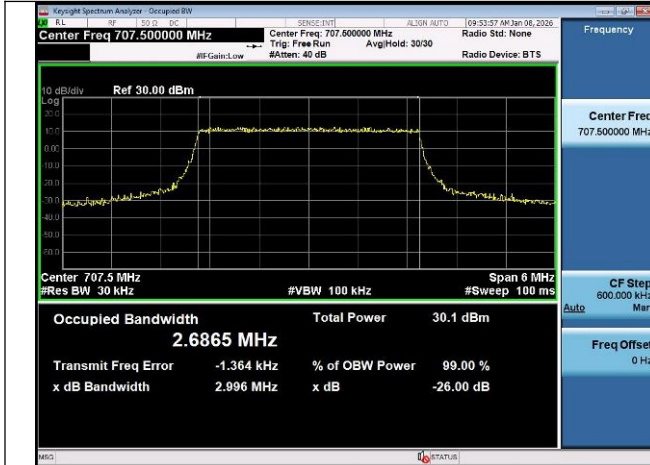


Band12-3MHz-QPSK-23095-15RB#0-PASS



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





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



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

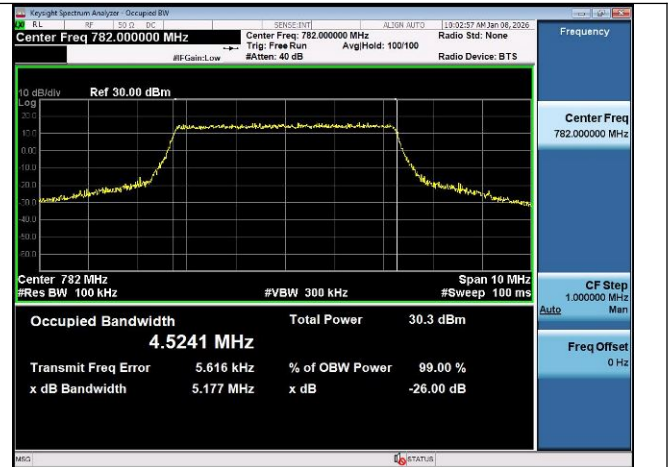


Band12-10MHz-16QAM-23095-50RB#0-PASS



Band13-5MHz-QPSK-23230-25RB#0-PASS

Band13-5MHz-16QAM-23230-25RB#0-PASS



Band13-10MHz-QPSK-23230-50RB#0-PASS



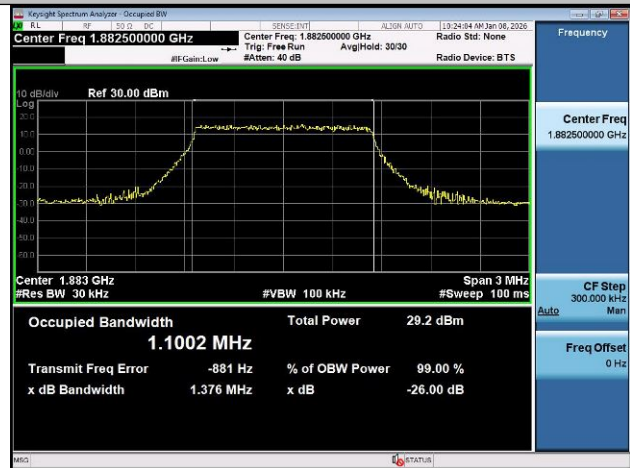
Band13-10MHz-16QAM-23230-50RB#0-PASS



Band25-1.4MHz-QPSK-26365-6RB#0-PASS

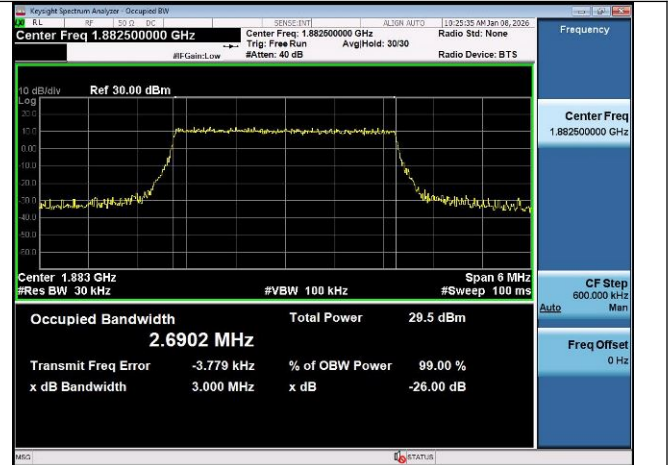
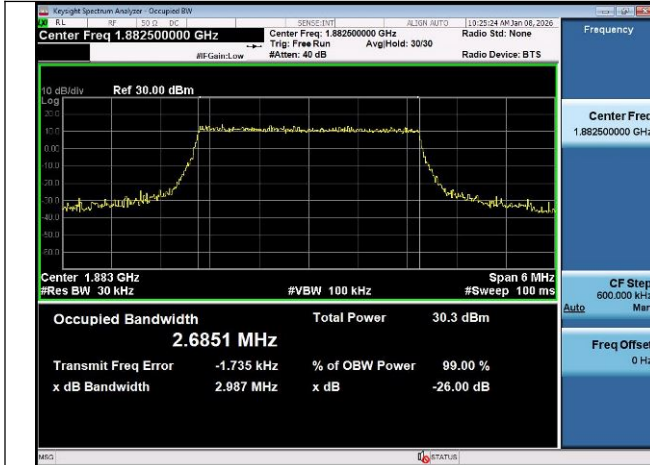


Band25-1.4MHz-16QAM-26365-6RB#0-PASS



Band25-3MHz-QPSK-26365-15RB#0-PASS

Band25-3MHz-16QAM-26365-15RB#0-PASS



Band25-5MHz-QPSK-26365-25RB#0-PASS



Band25-5MHz-16QAM-26365-25RB#0-PASS



Band25-10MHz-QPSK-26365-50RB#0-PASS

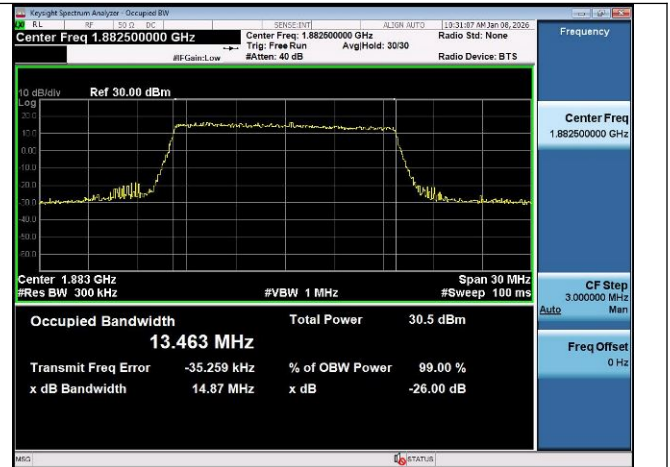
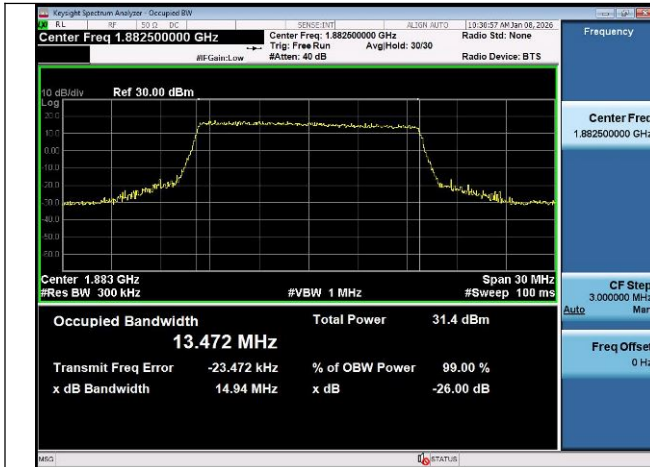


Band25-10MHz-16QAM-26365-50RB#0-PASS



Band25-15MHz-QPSK-26365-75RB#0-PASS

Band25-15MHz-16QAM-26365-75RB#0-PASS



Band25-20MHz-QPSK-26365-100RB#0-PASS



Band25-20MHz-16QAM-26365-100RB#0-PASS



Band26(814-824)-1.4MHz-QPSK-26740-6RB#0-PASS

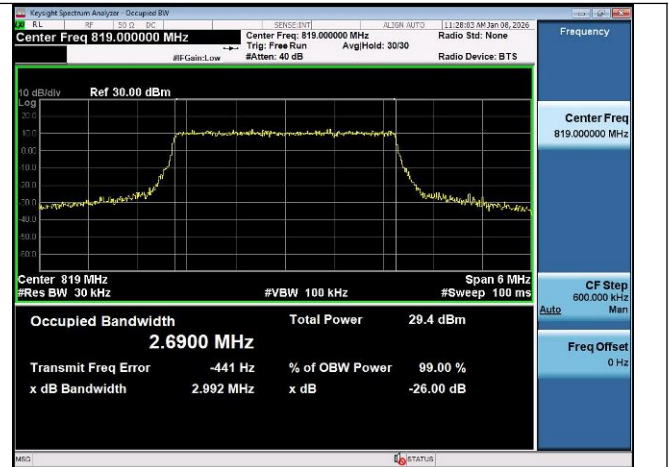
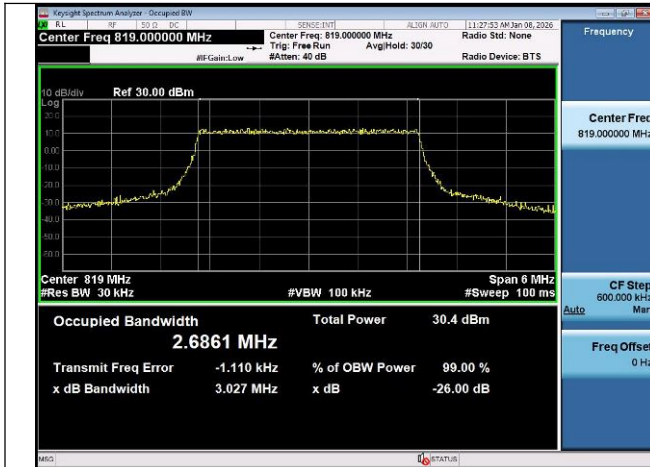


Band26(814-824)-1.4MHz-16QAM-26740-6RB#0-PASS



Band26(814-824)-3MHz-QPSK-26740-15RB#0-PASS

Band26(814-824)-3MHz-16QAM-26740-15RB#0-PASS



Band26(814-824)-5MHz-QPSK-26740-25RB#0-PASS



Band26(814-824)-5MHz-16QAM-26740-25RB#0-PASS



Band26(814-824)-10MHz-QPSK-26740-50RB#0-PASS

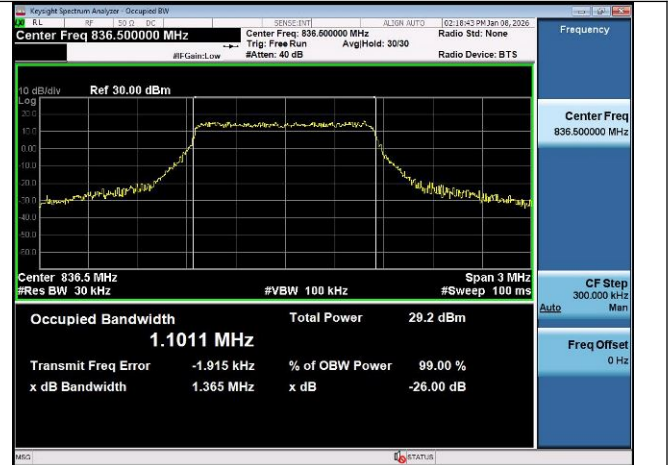
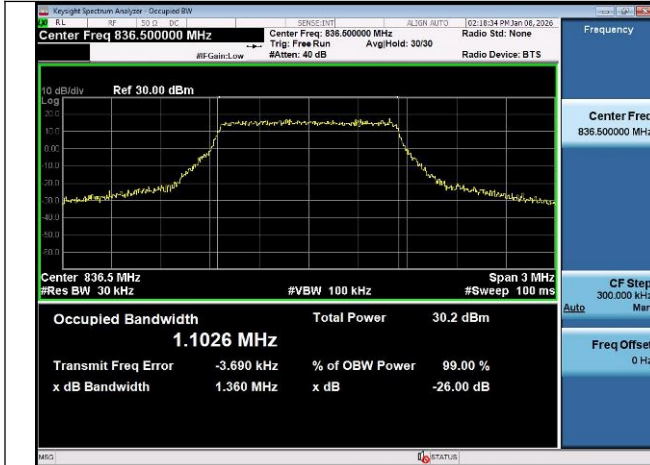


Band26(814-824)-10MHz-16QAM-26740-50RB#0-PASS



Band26(824-849)-1.4MHz-QPSK-26915-6RB#0-PASS

Band26(824-849)-1.4MHz-16QAM-26915-6RB#0-PASS



Band26(824-849)-3MHz-QPSK-26915-15RB#0-PASS



Band26(824-849)-3MHz-16QAM-26915-15RB#0-PASS



Band26(824-849)-5MHz-QPSK-26915-25RB#0-PASS



Band26(824-849)-5MHz-16QAM-26915-25RB#0-PASS



Band26(824-849)-10MHz-QPSK-26915-50RB#0-PASS

Band26(824-849)-10MHz-16QAM-26915-50RB#0-PASS

