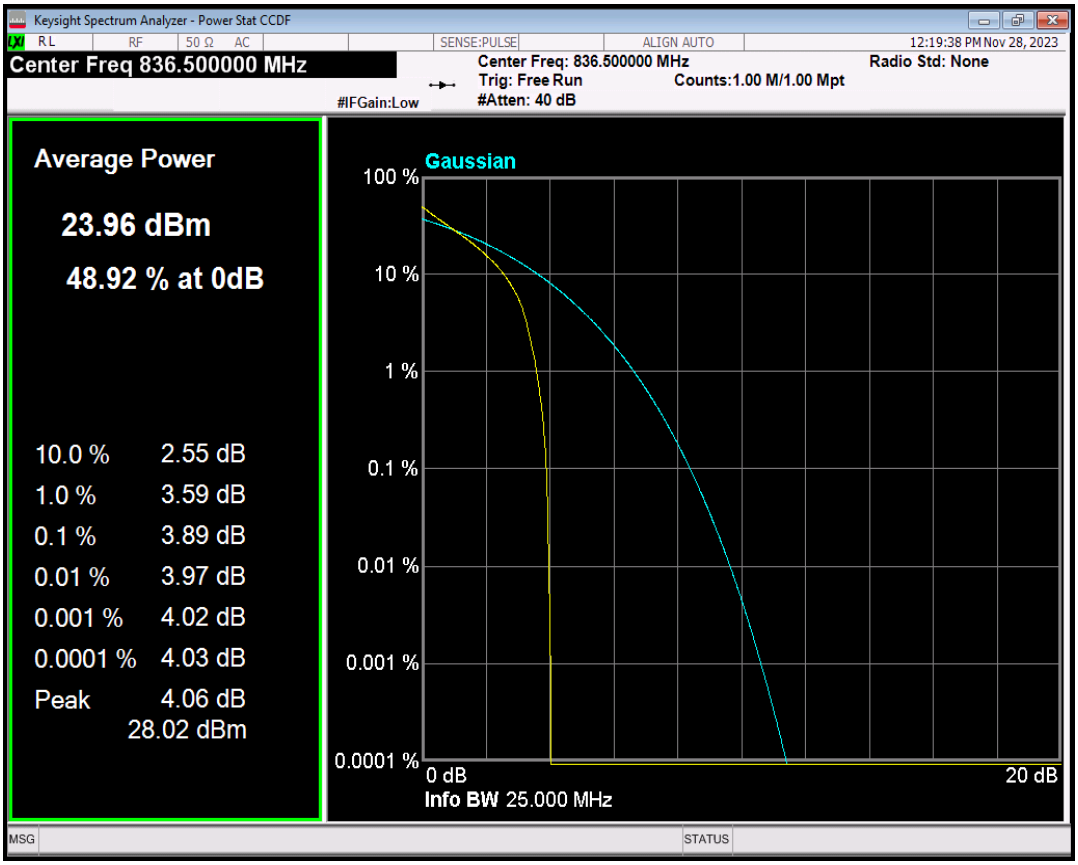
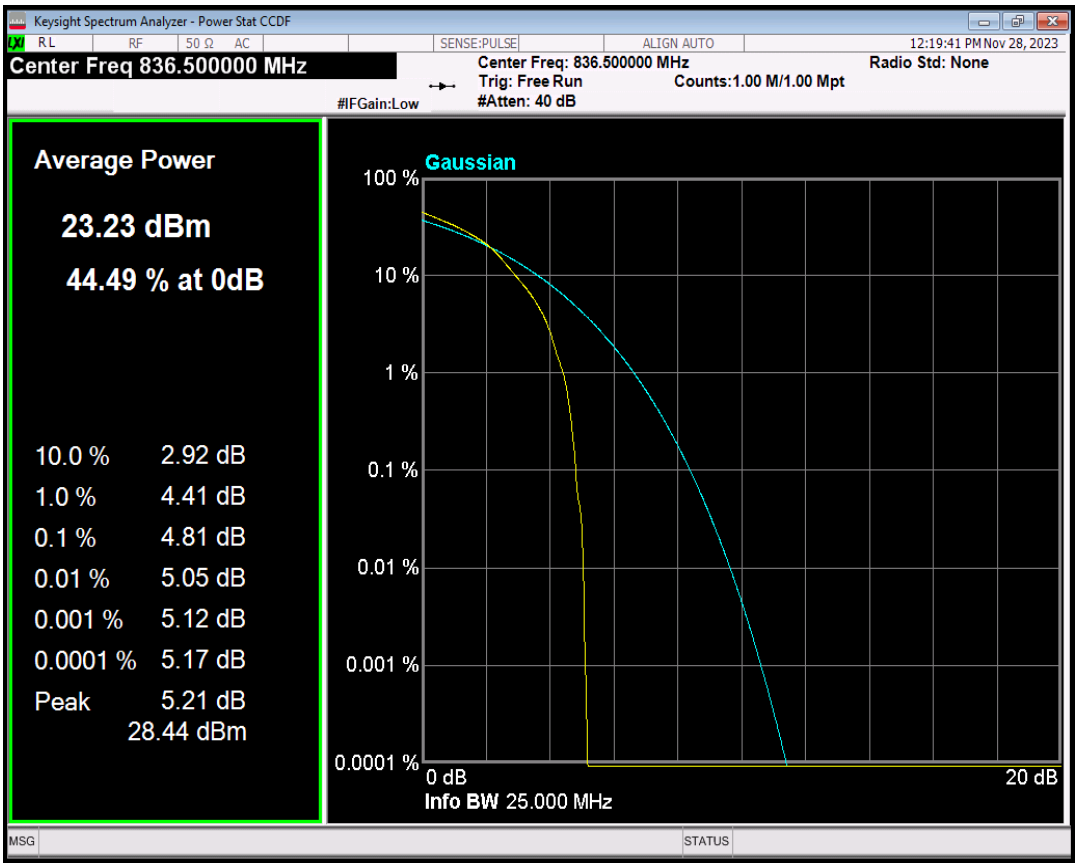
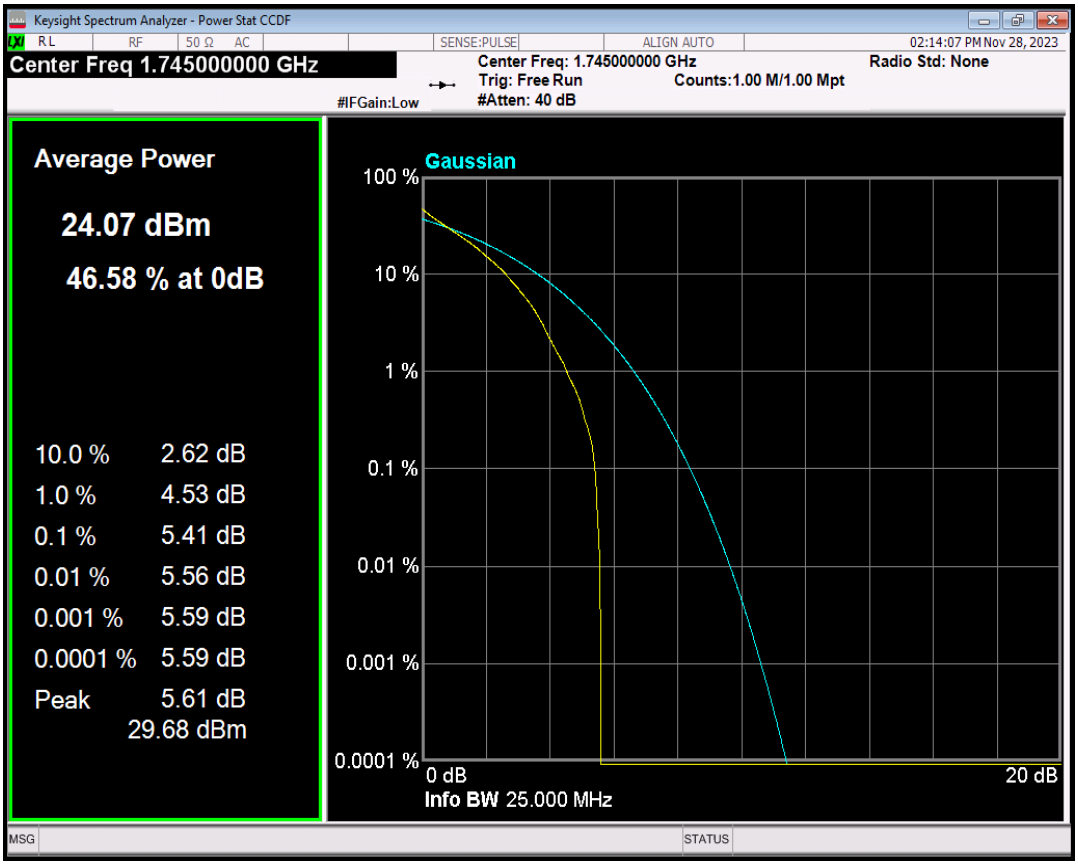
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



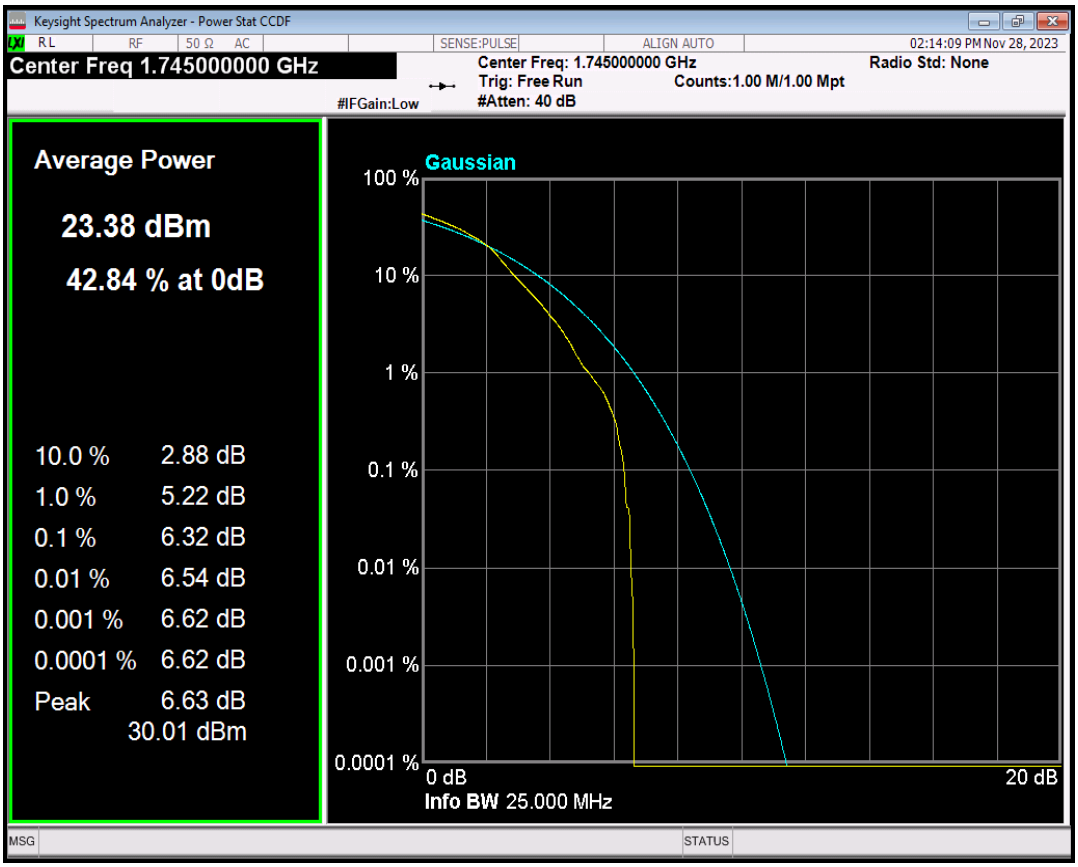
Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0



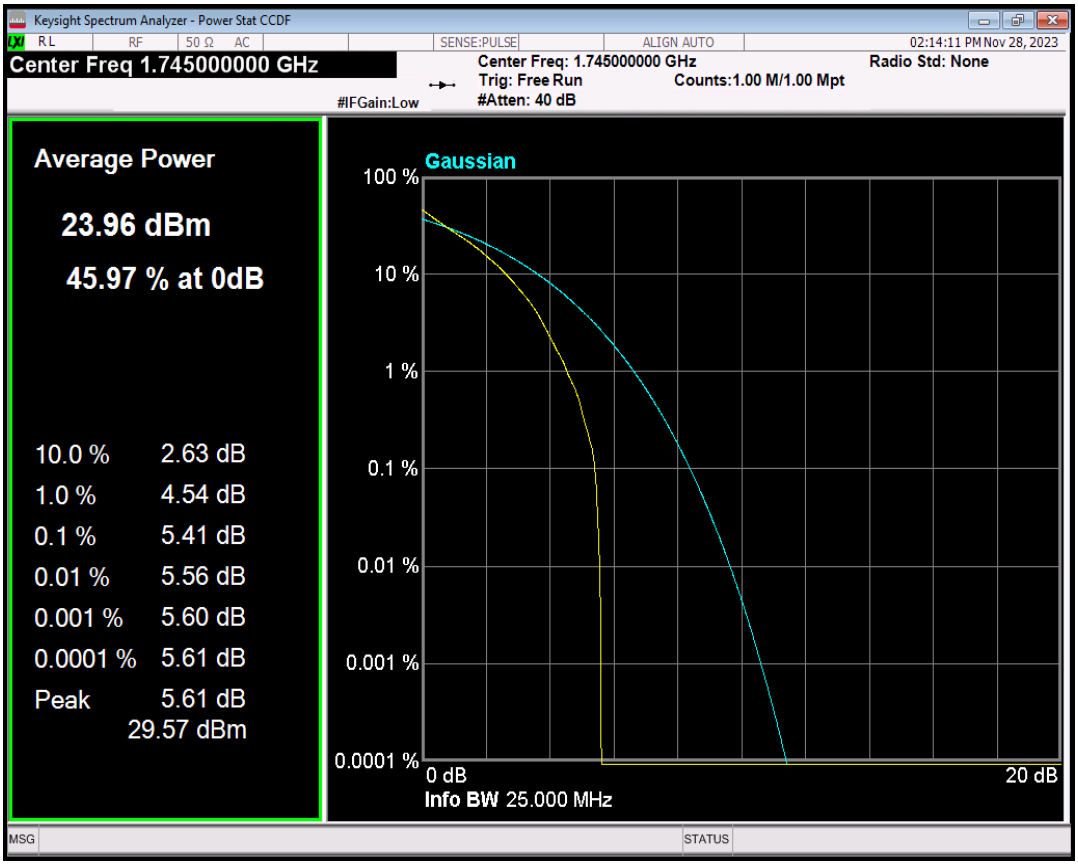
Band66 QPSK BW=1.4MHz Channel=132322 RB Size=1 Position=#0



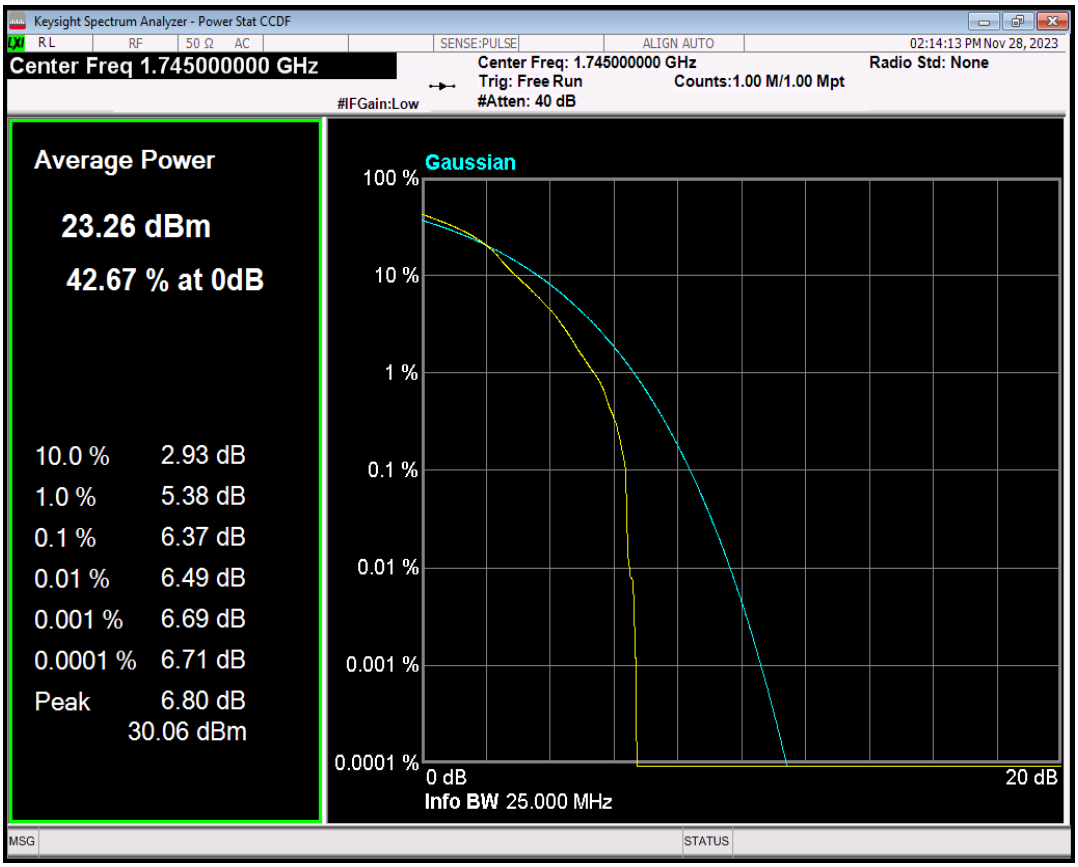
Band66 16QAM BW=1.4MHz Channel=132322 RB Size=1 Position=#0



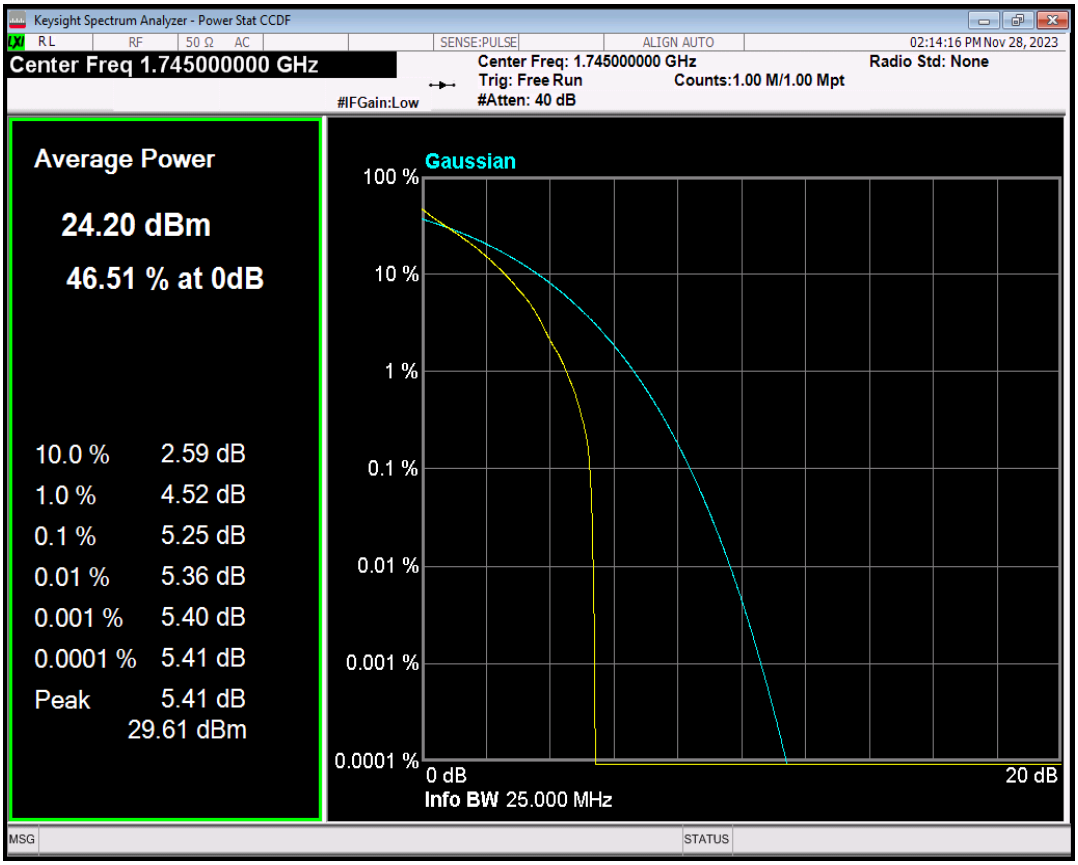
Band66 QPSK BW=3MHz Channel=132322 RB Size=1 Position=#0



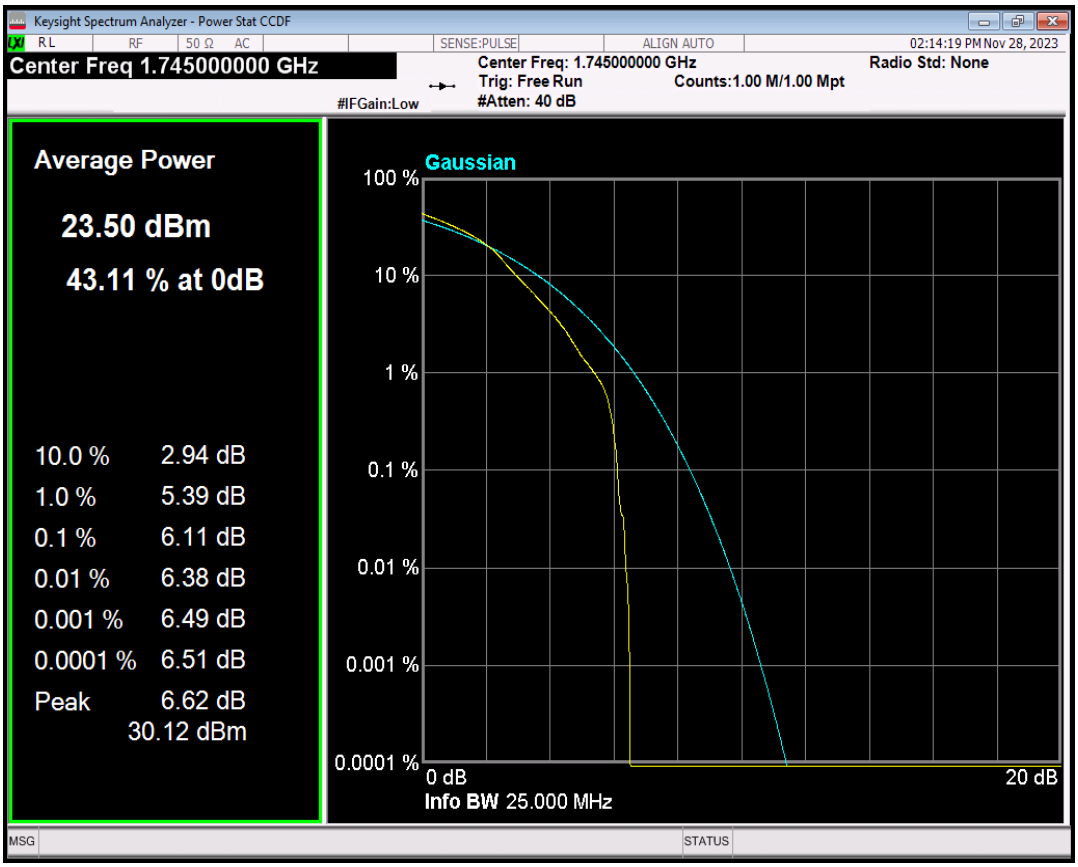
Band66 16QAM BW=3MHz Channel=132322 RB Size=1 Position=#0



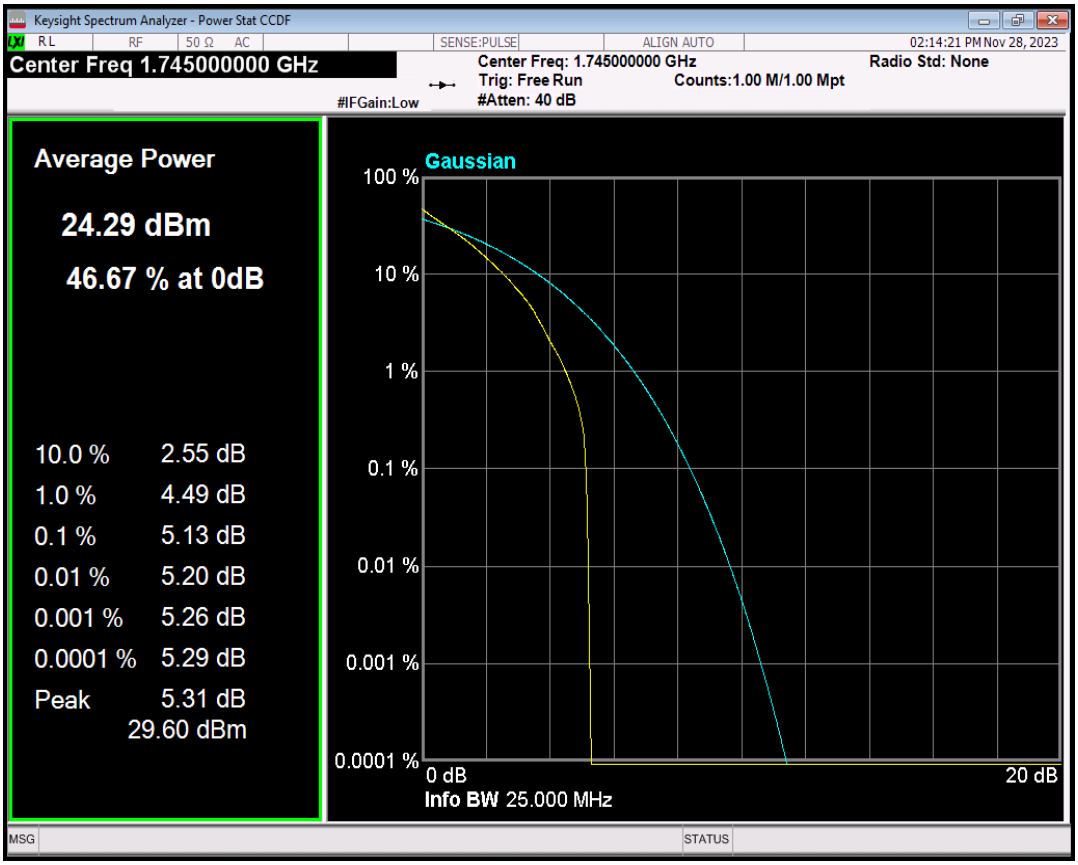
Band66 QPSK BW=5MHz Channel=132322 RB Size=1 Position=#0



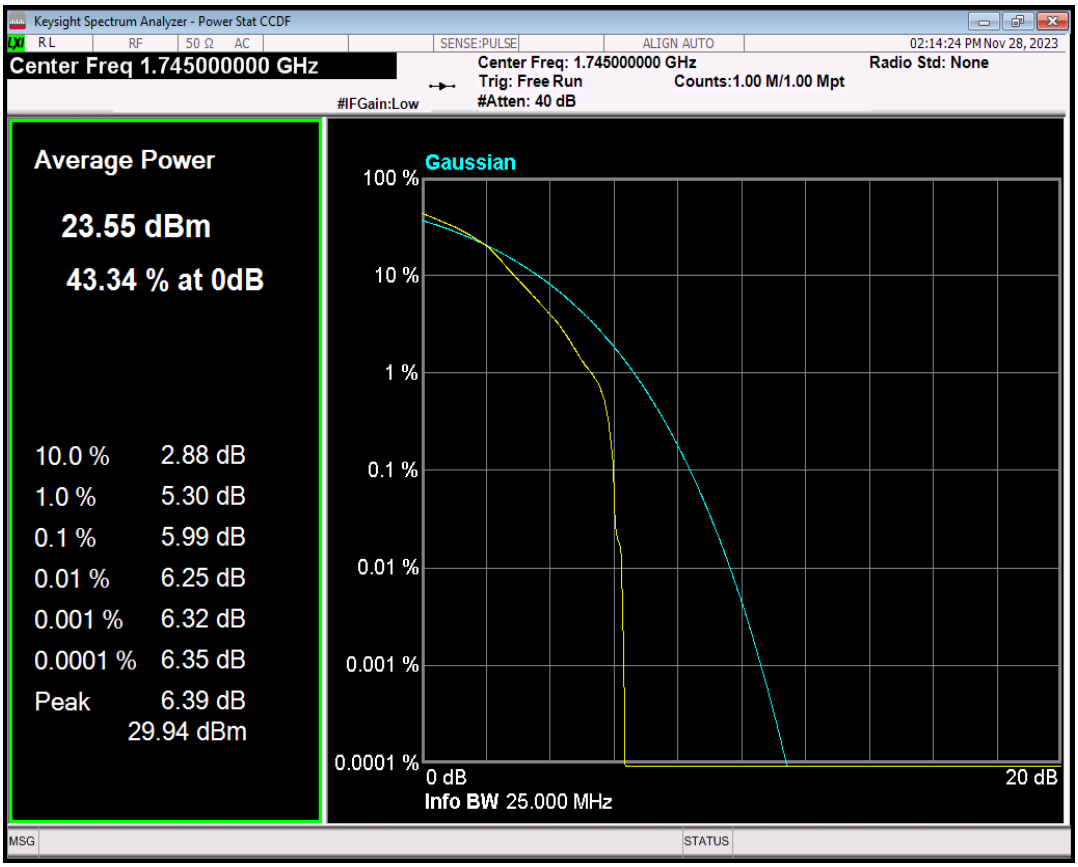
Band66 16QAM BW=5MHz Channel=132322 RB Size=1 Position=#0



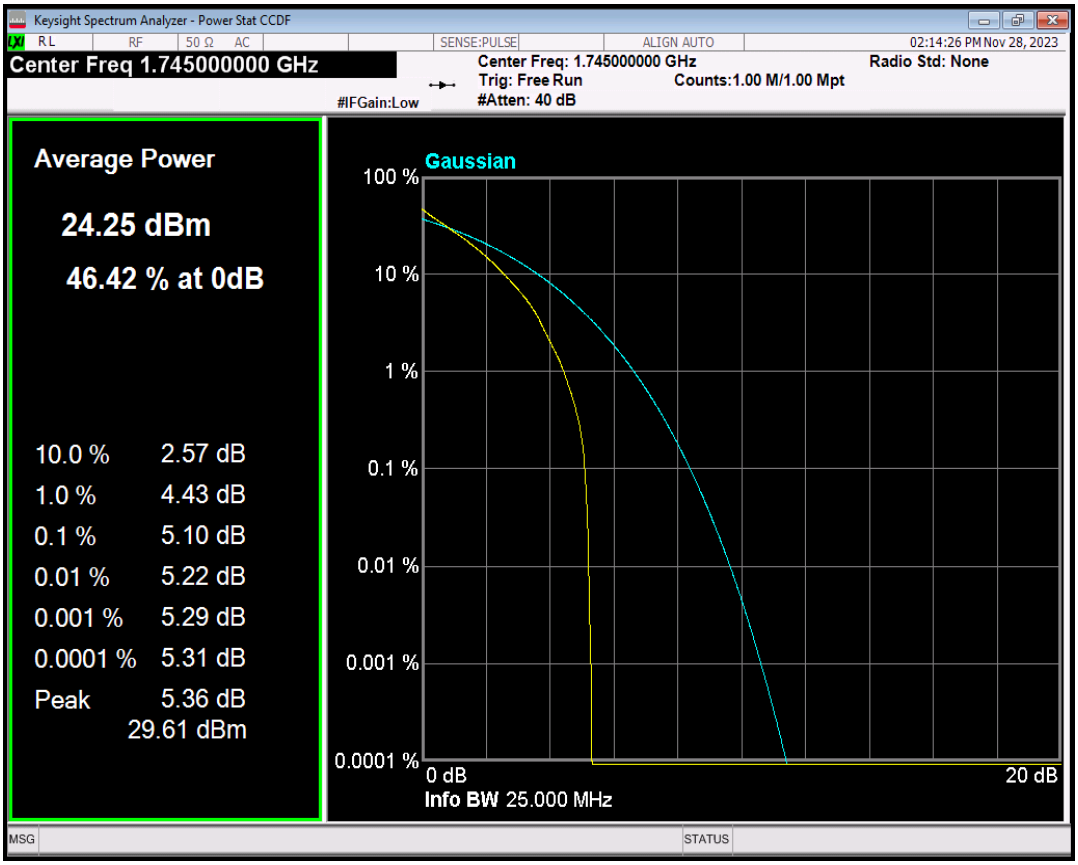
Band66 QPSK BW=10MHz Channel=132322 RB Size=1 Position=#0



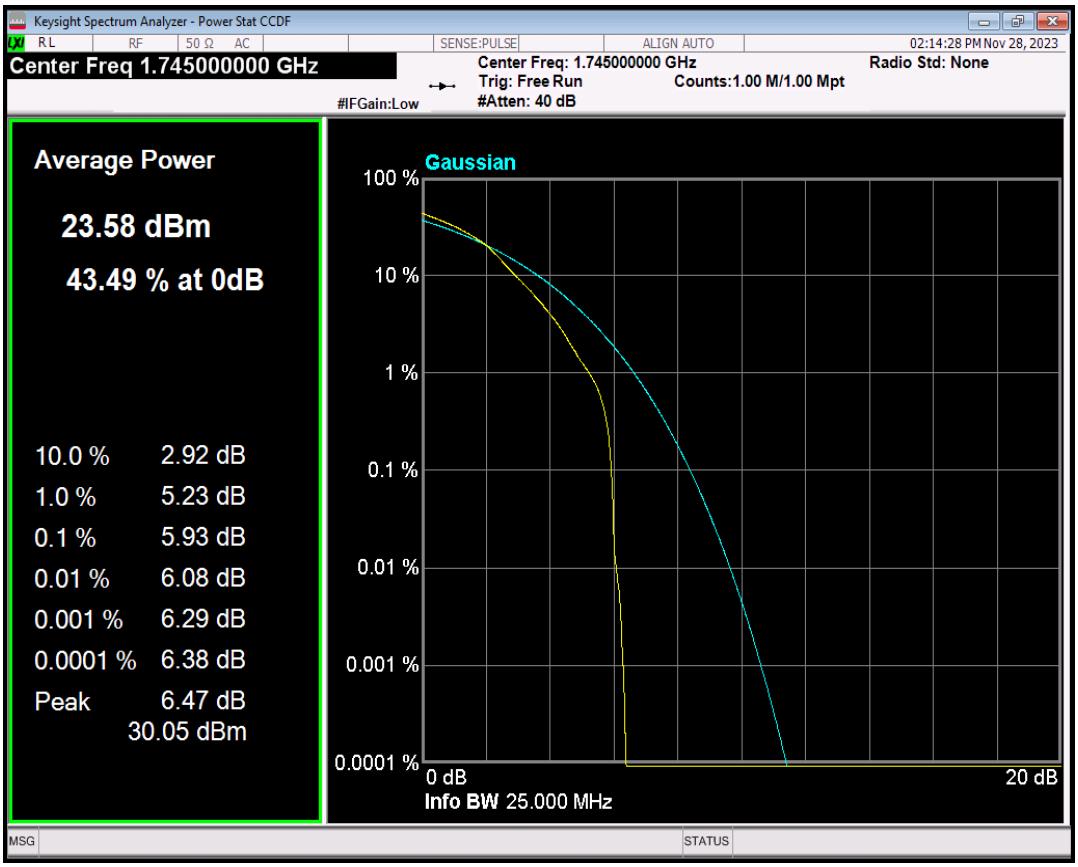
Band66 16QAM BW=10MHz Channel=132322 RB Size=1 Position=#0



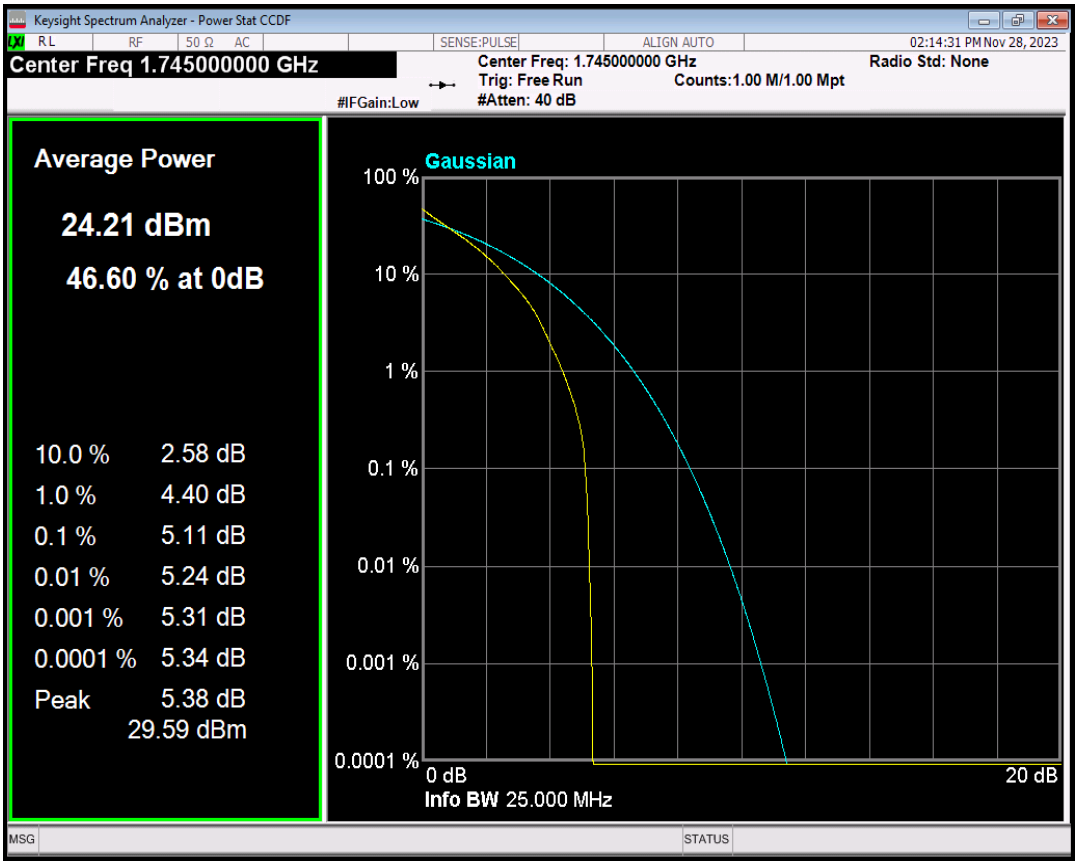
Band66 QPSK BW=15MHz Channel=132322 RB Size=1 Position=#0



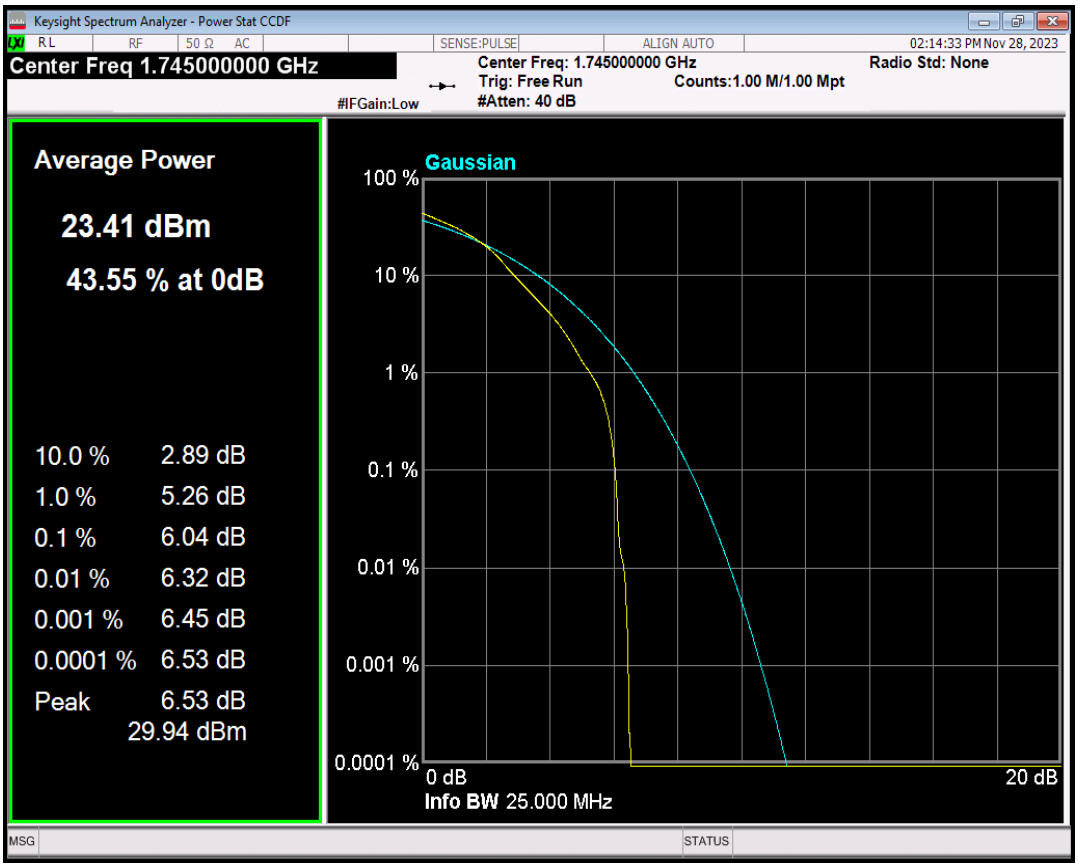
Band66 16QAM BW=15MHz Channel=132322 RB Size=1 Position=#0



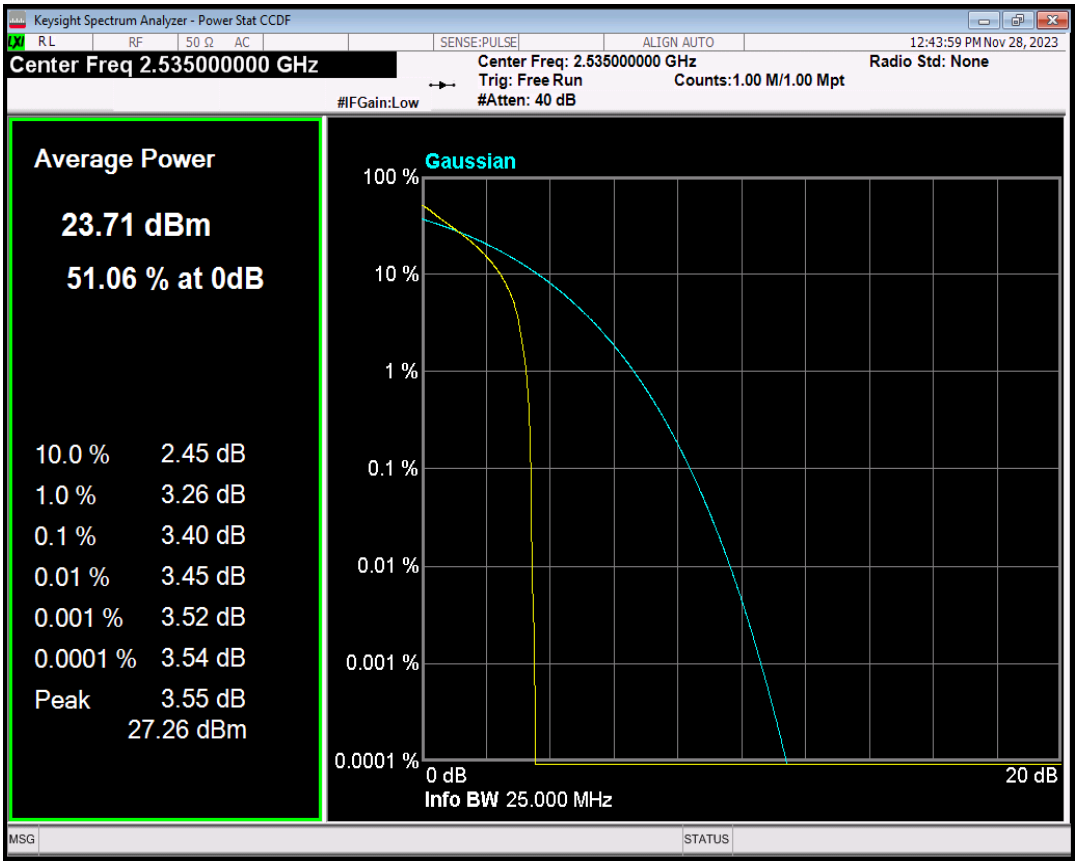
Band66 QPSK BW=20MHz Channel=132322 RB Size=1 Position=#0



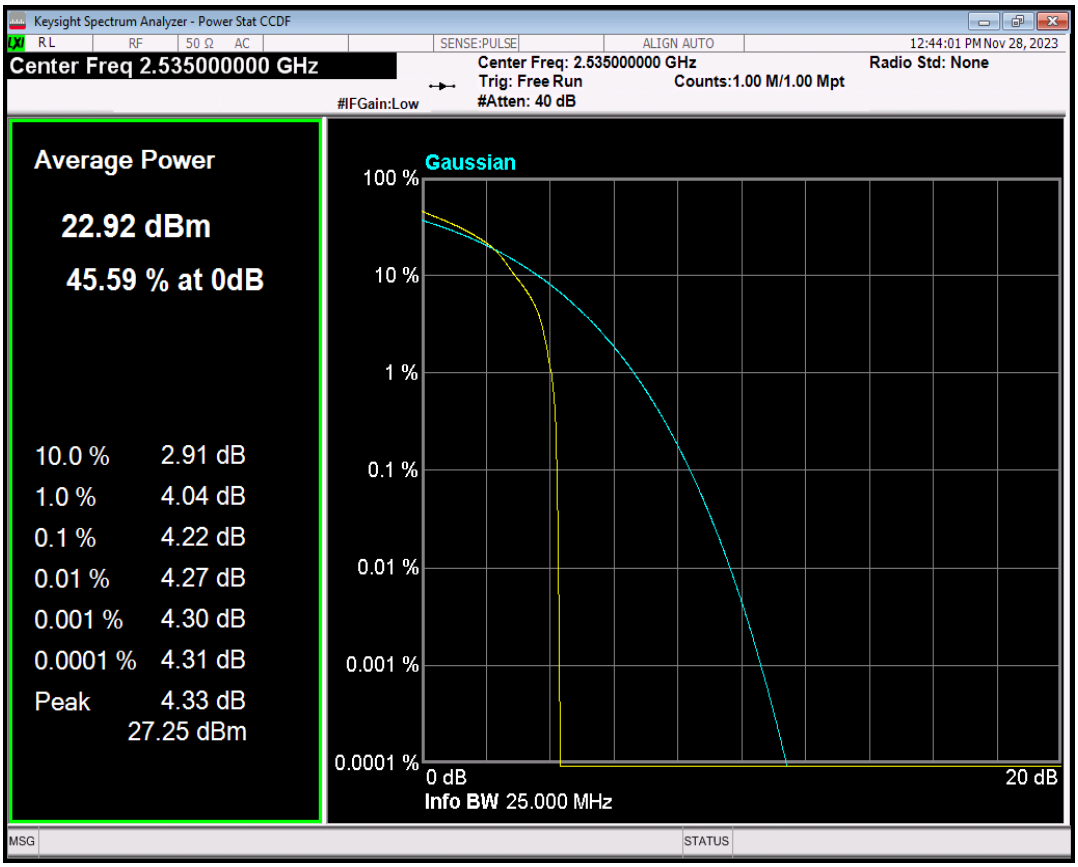
Band66 16QAM BW=20MHz Channel=132322 RB Size=1 Position=#0



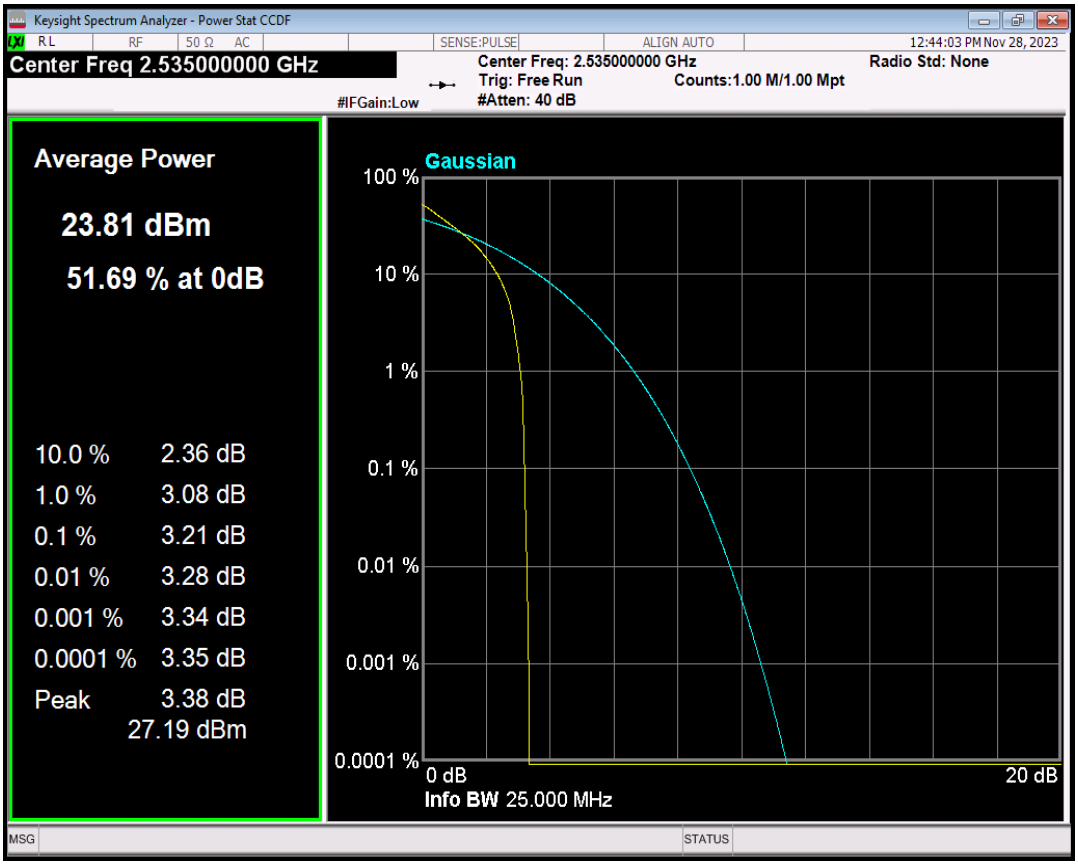
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



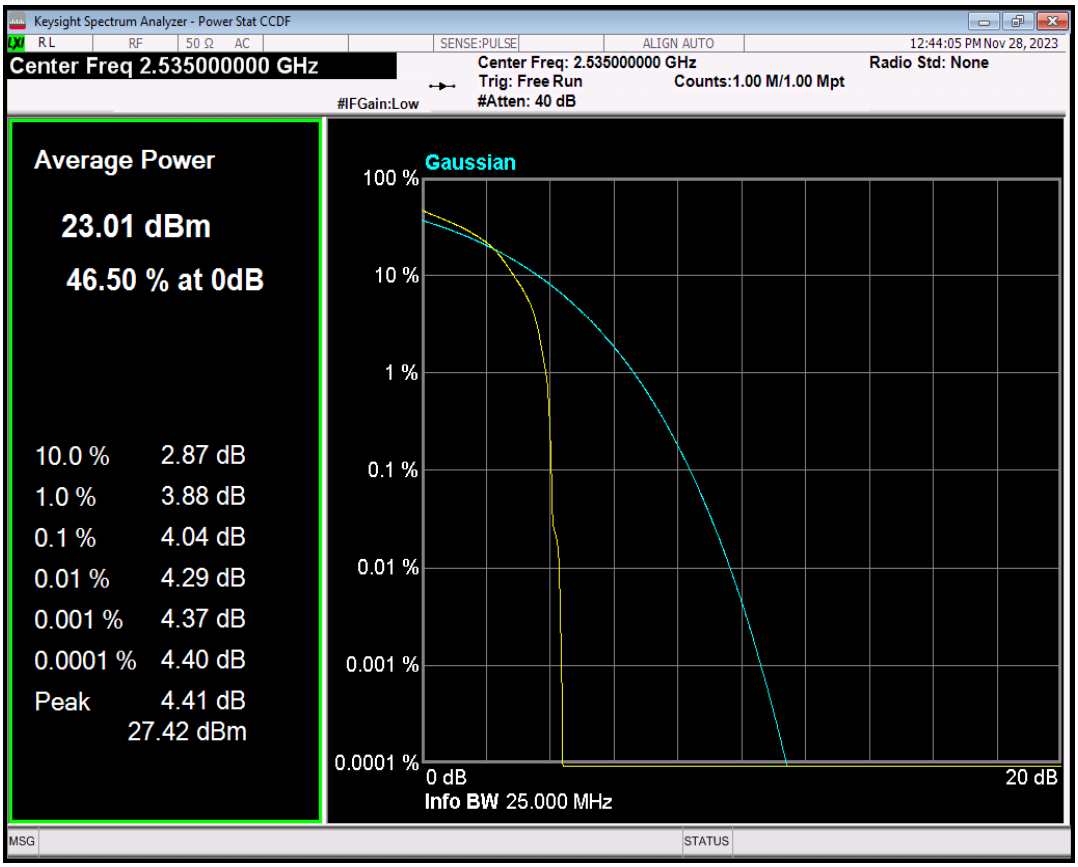
Band7 16QAM BW=5MHz Channel=21100 RB Size=1 Position=#0



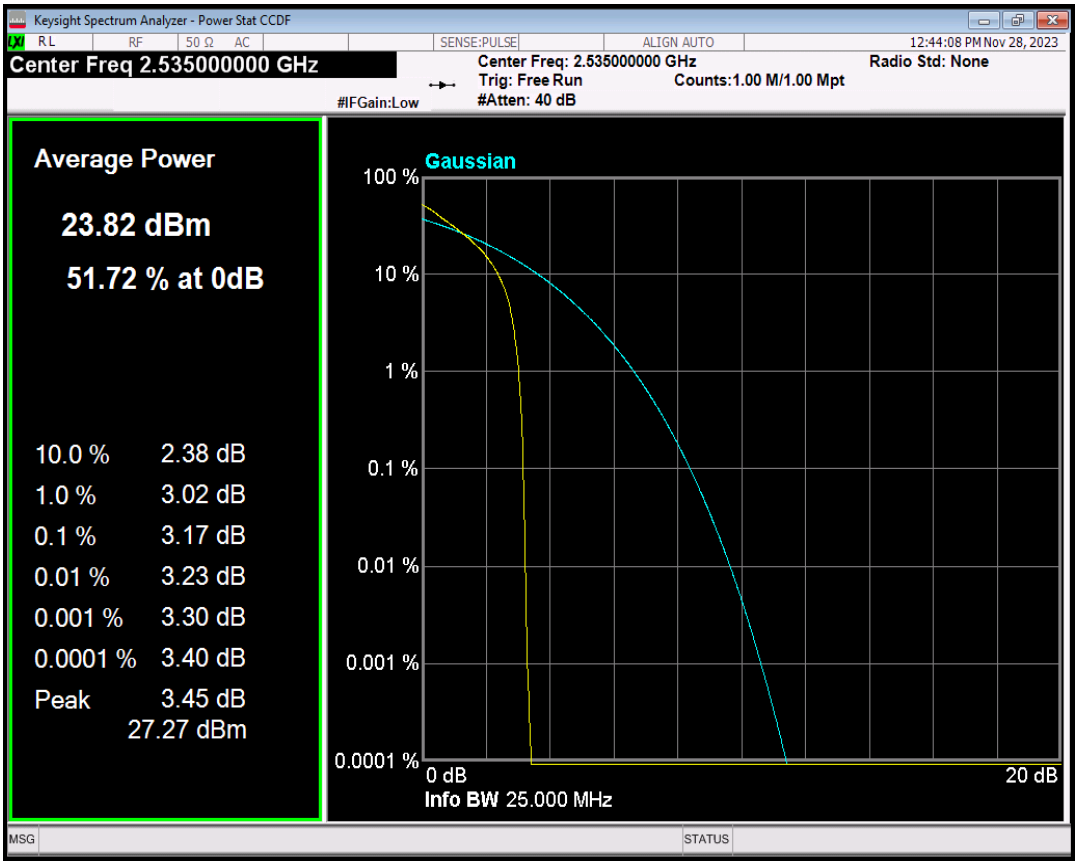
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



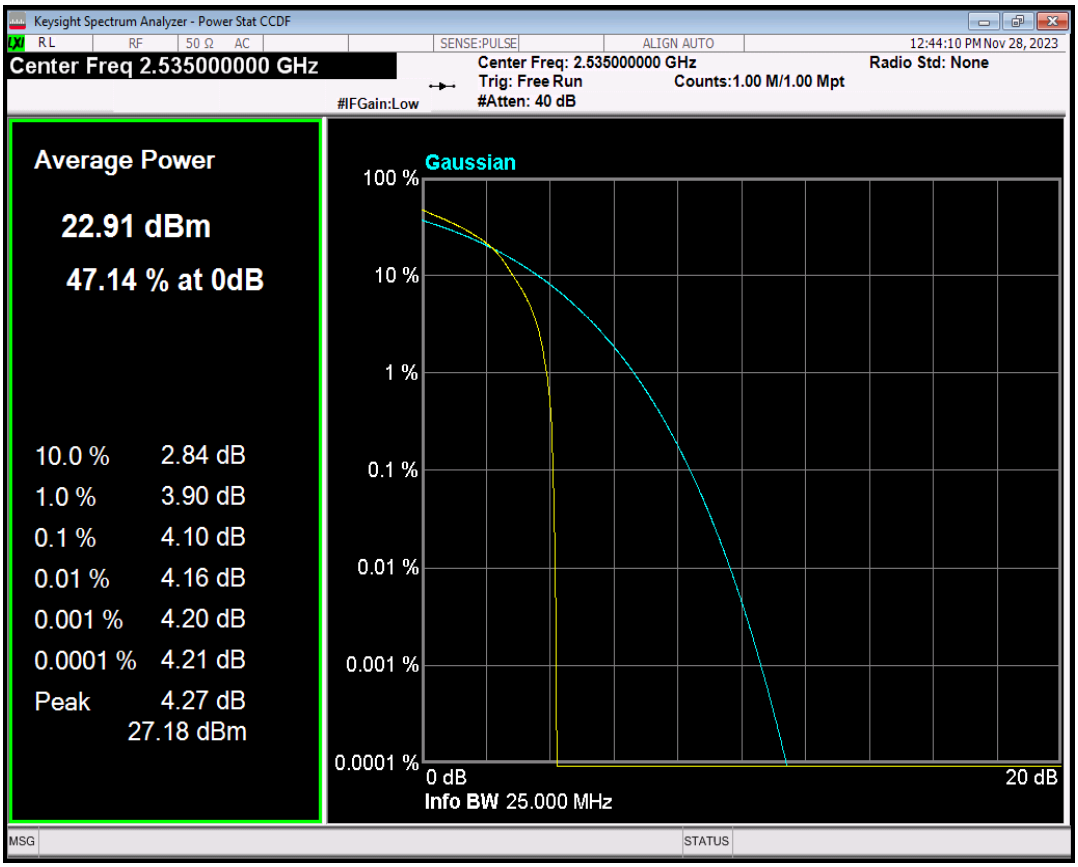
Band7 16QAM BW=10MHz Channel=21100 RB Size=1 Position=#0



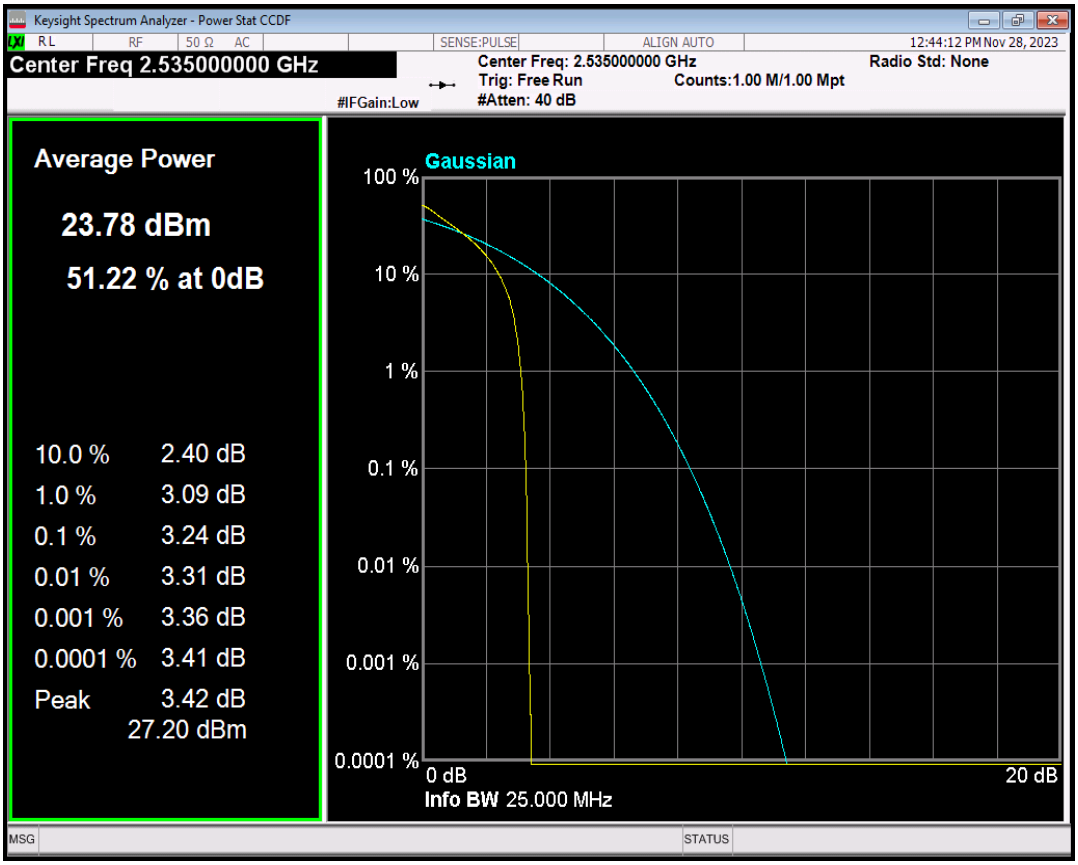
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



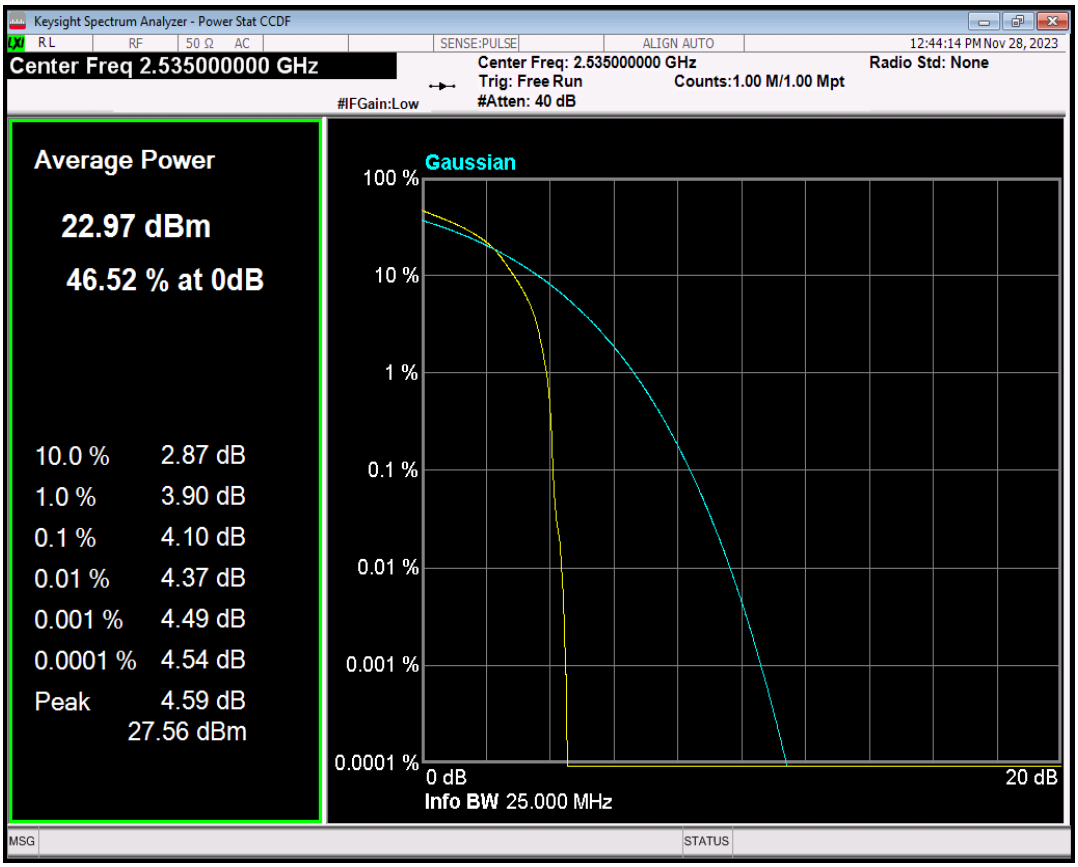
Band7 16QAM BW=15MHz Channel=21100 RB Size=1 Position=#0



Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0



Band7 16QAM BW=20MHz Channel=21100 RB Size=1 Position=#0

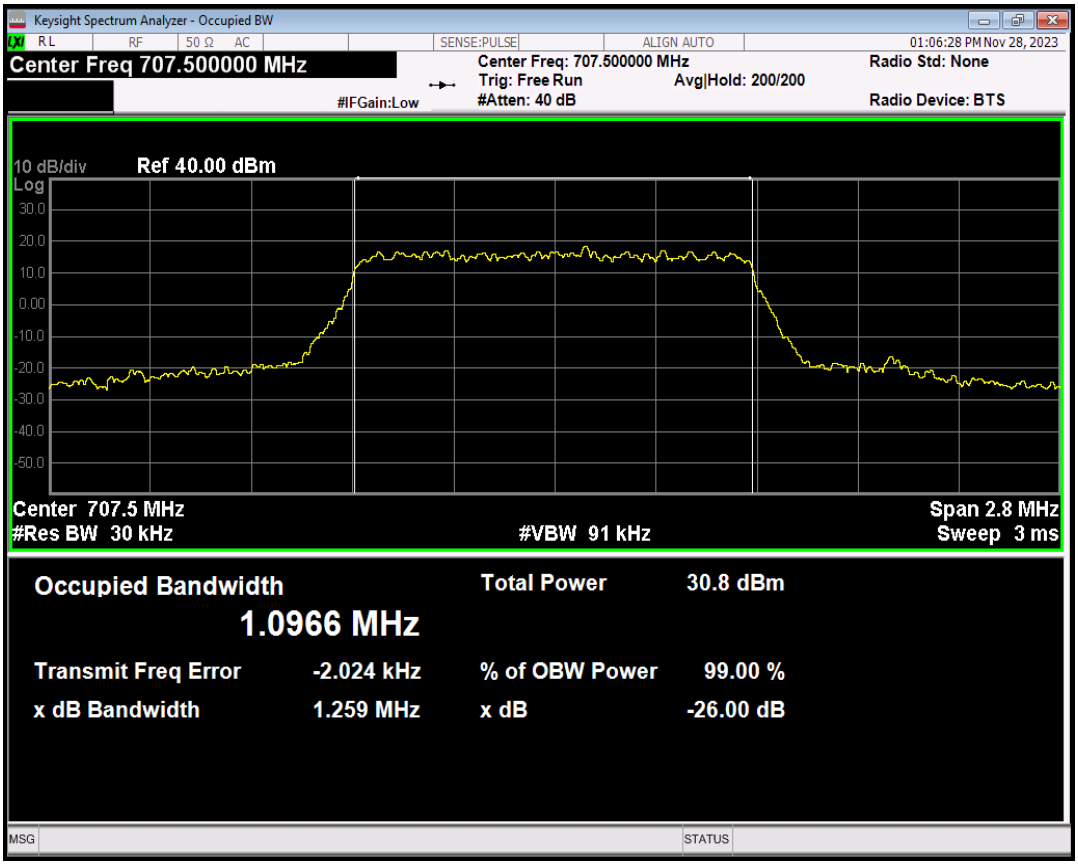


04 Occupied bandwidth

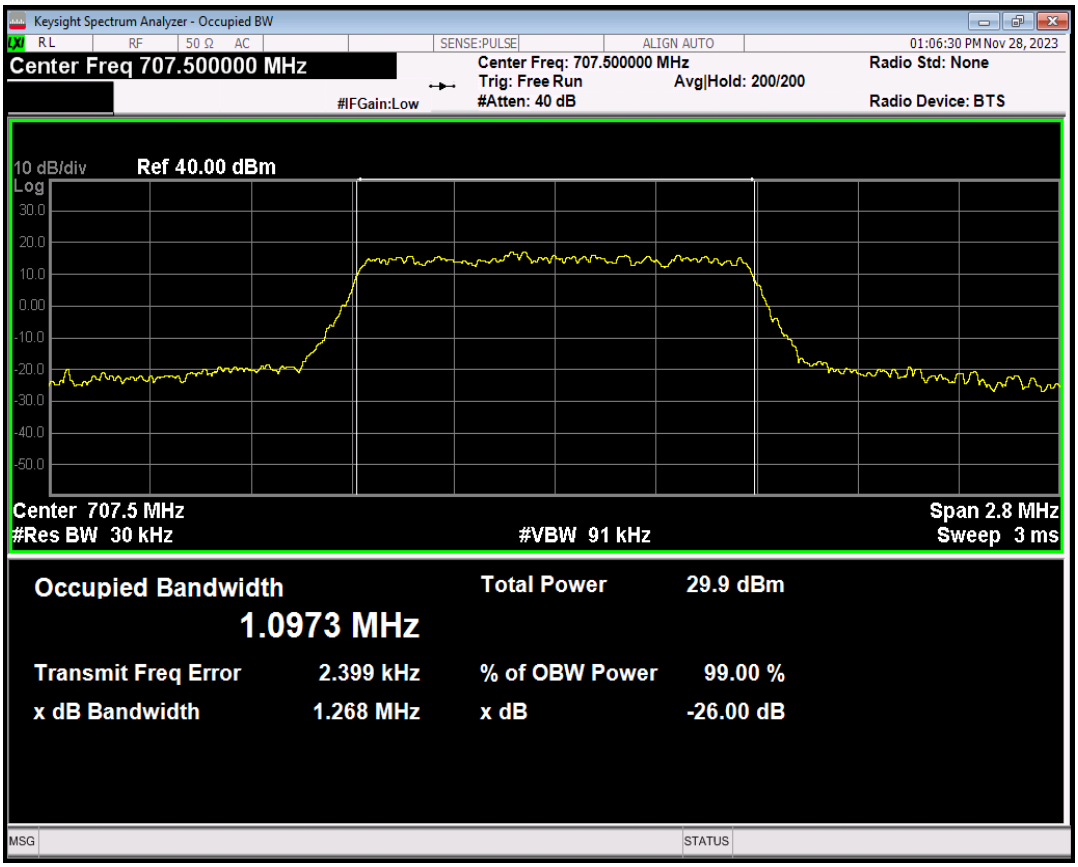
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band12	1.4	23095	6	#0	QPSK	1.097	1.259	PASS
Band12	1.4	23095	6	#0	16QAM	1.097	1.268	PASS
Band12	3	23095	15	#0	QPSK	2.696	2.968	PASS
Band12	3	23095	15	#0	16QAM	2.692	2.950	PASS
Band12	5	23095	25	#0	QPSK	4.505	4.884	PASS
Band12	5	23095	25	#0	16QAM	4.509	4.926	PASS
Band12	10	23095	50	#0	QPSK	8.980	9.711	PASS
Band12	10	23095	50	#0	16QAM	8.965	9.709	PASS
Band13	5	23230	25	#0	QPSK	4.495	4.870	PASS
Band13	5	23230	25	#0	16QAM	4.491	4.917	PASS
Band13	10	23230	50	#0	QPSK	8.968	9.659	PASS
Band13	10	23230	50	#0	16QAM	8.981	9.617	PASS
Band17	5	23790	25	#0	QPSK	4.504	4.893	PASS
Band17	5	23790	25	#0	16QAM	4.499	4.882	PASS
Band17	10	23790	50	#0	QPSK	9.000	9.593	PASS
Band17	10	23790	50	#0	16QAM	8.974	9.575	PASS
Band2	1.4	18900	6	#0	QPSK	1.094	1.281	PASS
Band2	1.4	18900	6	#0	16QAM	1.096	1.264	PASS
Band2	3	18900	15	#0	QPSK	2.687	2.943	PASS
Band2	3	18900	15	#0	16QAM	2.689	2.951	PASS
Band2	5	18900	25	#0	QPSK	4.482	4.890	PASS
Band2	5	18900	25	#0	16QAM	4.512	4.869	PASS
Band2	10	18900	50	#0	QPSK	8.990	9.661	PASS
Band2	10	18900	50	#0	16QAM	8.973	9.644	PASS
Band2	15	18900	75	#0	QPSK	13.463	14.426	PASS
Band2	15	18900	75	#0	16QAM	13.455	14.494	PASS
Band2	20	18900	100	#0	QPSK	17.901	19.186	PASS
Band2	20	18900	100	#0	16QAM	17.895	19.146	PASS
Band4	1.4	20175	6	#0	QPSK	1.095	1.263	PASS
Band4	1.4	20175	6	#0	16QAM	1.094	1.283	PASS
Band4	3	20175	15	#0	QPSK	2.690	2.964	PASS
Band4	3	20175	15	#0	16QAM	2.691	2.978	PASS
Band4	5	20175	25	#0	QPSK	4.484	4.907	PASS
Band4	5	20175	25	#0	16QAM	4.502	4.917	PASS
Band4	10	20175	50	#0	QPSK	8.968	9.687	PASS
Band4	10	20175	50	#0	16QAM	8.939	9.669	PASS
Band4	15	20175	75	#0	QPSK	13.423	14.387	PASS
Band4	15	20175	75	#0	16QAM	13.475	14.403	PASS
Band4	20	20175	100	#0	QPSK	17.903	19.210	PASS
Band4	20	20175	100	#0	16QAM	17.940	19.283	PASS
Band41(2535-2655)	5	40640	25	#0	QPSK	4.507	4.878	PASS

Band41(2535-2655)	5	40640	25	#0	16QAM	4.497	4.931	PASS
Band41(2535-2655)	10	40640	50	#0	QPSK	8.981	9.640	PASS
Band41(2535-2655)	10	40640	50	#0	16QAM	8.966	9.663	PASS
Band41(2535-2655)	15	40640	75	#0	QPSK	13.445	14.585	PASS
Band41(2535-2655)	15	40640	75	#0	16QAM	13.443	14.304	PASS
Band41(2535-2655)	20	40640	100	#0	QPSK	17.884	19.195	PASS
Band41(2535-2655)	20	40640	100	#0	16QAM	17.914	19.118	PASS
Band5	1.4	20525	6	#0	QPSK	1.094	1.266	PASS
Band5	1.4	20525	6	#0	16QAM	1.099	1.285	PASS
Band5	3	20525	15	#0	QPSK	2.688	2.958	PASS
Band5	3	20525	15	#0	16QAM	2.688	2.944	PASS
Band5	5	20525	25	#0	QPSK	4.515	4.901	PASS
Band5	5	20525	25	#0	16QAM	4.514	4.855	PASS
Band5	10	20525	50	#0	QPSK	8.979	9.620	PASS
Band5	10	20525	50	#0	16QAM	8.970	9.656	PASS
Band66	1.4	132322	6	#0	QPSK	1.097	1.292	PASS
Band66	1.4	132322	6	#0	16QAM	1.100	1.263	PASS
Band66	3	132322	15	#0	QPSK	2.686	2.980	PASS
Band66	3	132322	15	#0	16QAM	2.691	2.969	PASS
Band66	5	132322	25	#0	QPSK	4.486	4.900	PASS
Band66	5	132322	25	#0	16QAM	4.506	4.852	PASS
Band66	10	132322	50	#0	QPSK	8.982	9.644	PASS
Band66	10	132322	50	#0	16QAM	8.951	9.586	PASS
Band66	15	132322	75	#0	QPSK	13.464	14.507	PASS
Band66	15	132322	75	#0	16QAM	13.453	14.531	PASS
Band66	20	132322	100	#0	QPSK	17.947	19.224	PASS
Band66	20	132322	100	#0	16QAM	17.962	19.333	PASS
Band7	5	21100	25	#0	QPSK	4.506	4.895	PASS
Band7	5	21100	25	#0	16QAM	4.518	4.885	PASS
Band7	10	21100	50	#0	QPSK	8.994	9.728	PASS
Band7	10	21100	50	#0	16QAM	8.985	9.655	PASS
Band7	15	21100	75	#0	QPSK	13.420	14.485	PASS
Band7	15	21100	75	#0	16QAM	13.487	14.509	PASS
Band7	20	21100	100	#0	QPSK	17.929	19.253	PASS
Band7	20	21100	100	#0	16QAM	17.920	19.399	PASS

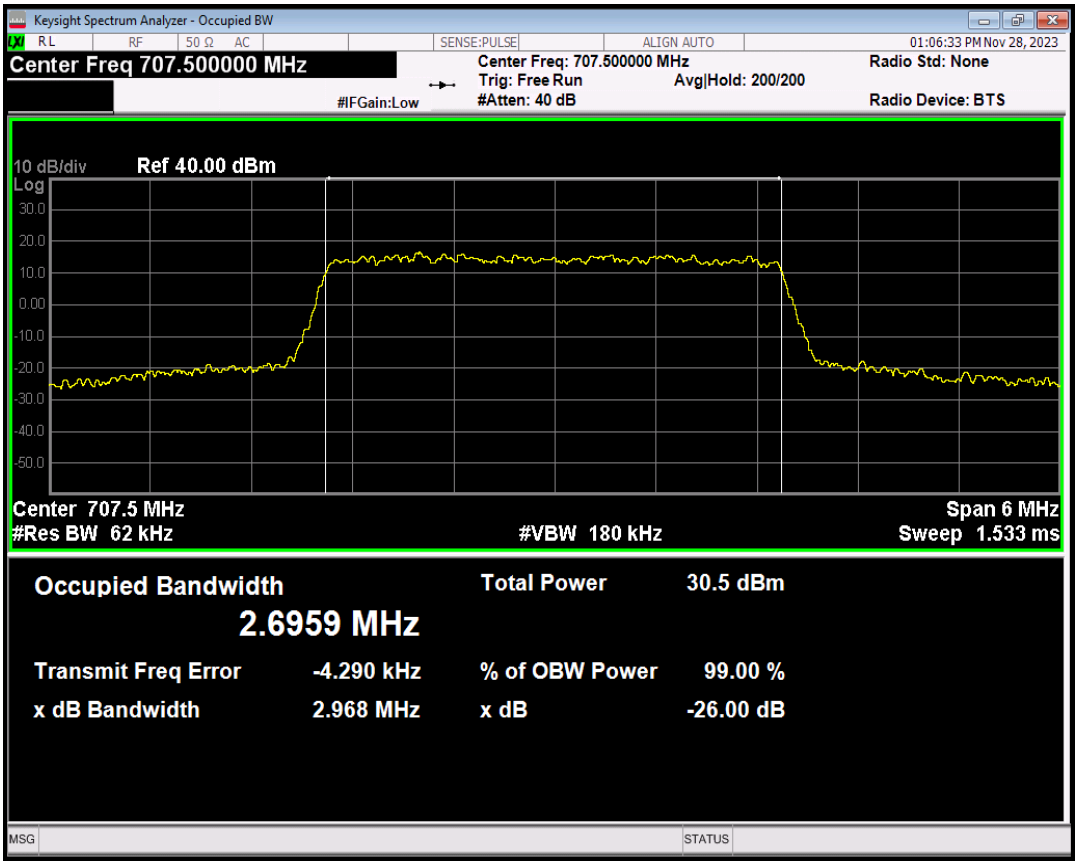
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



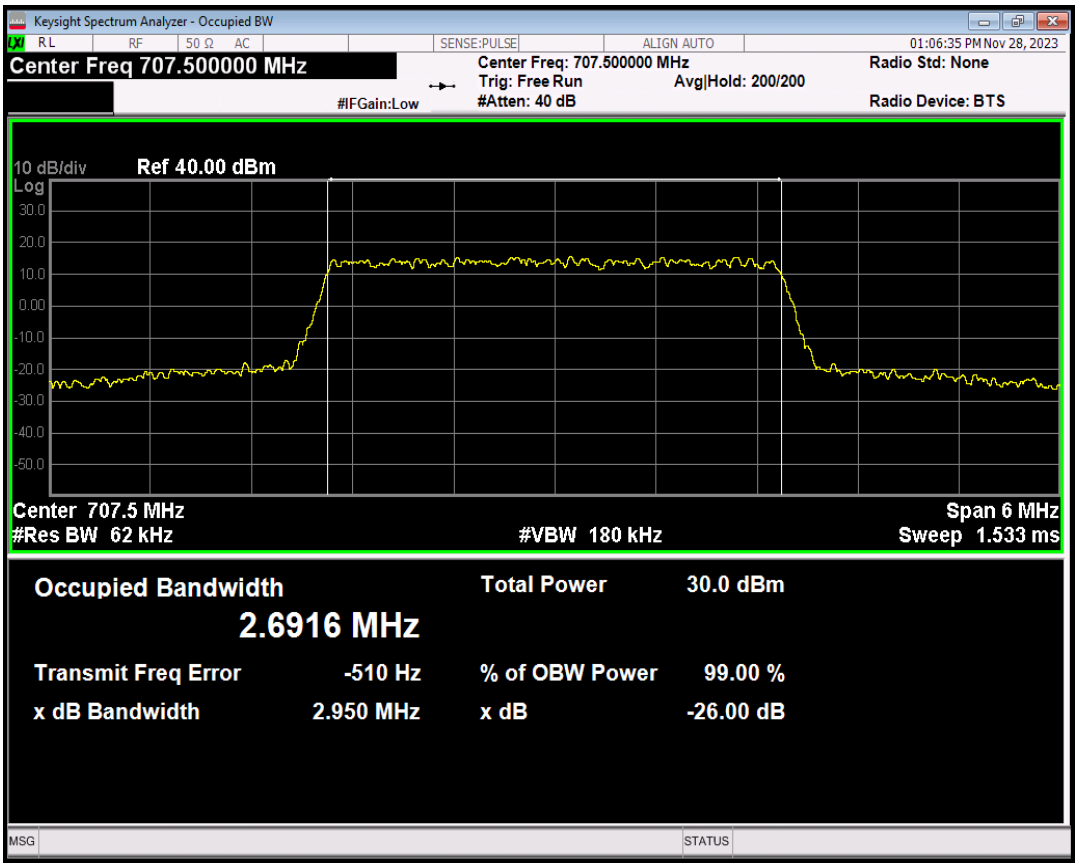
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0



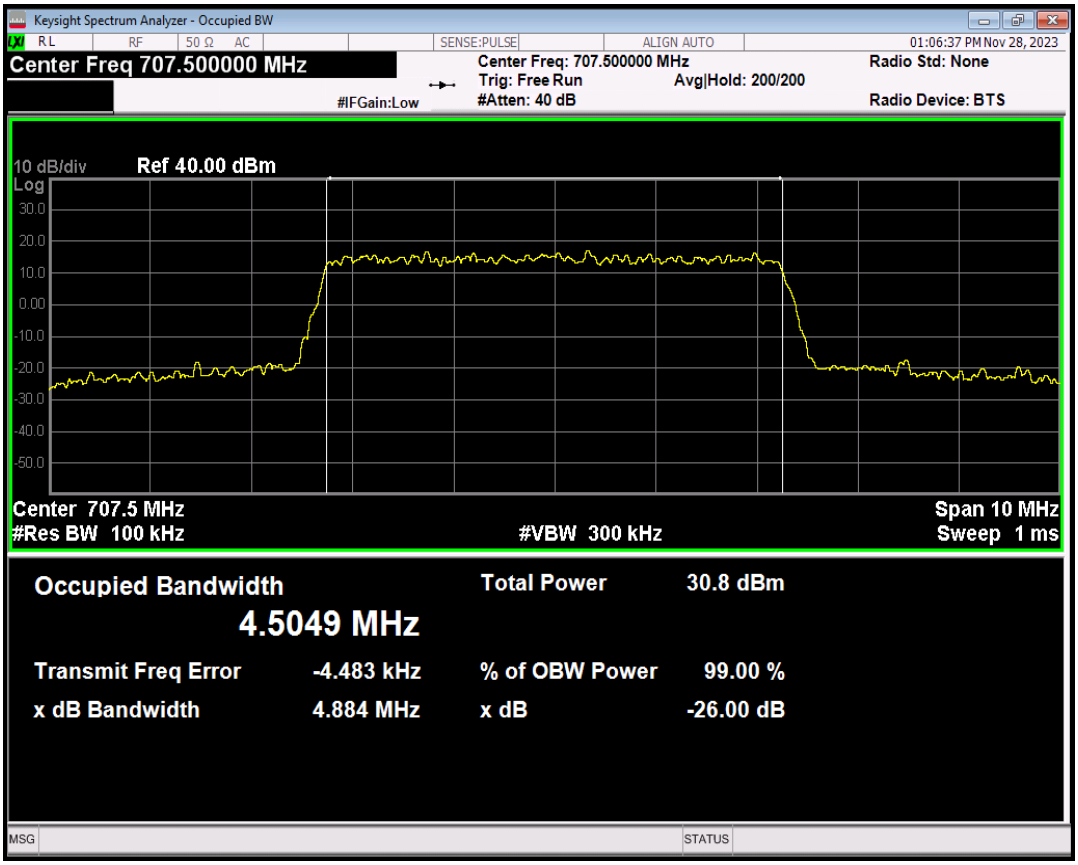
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



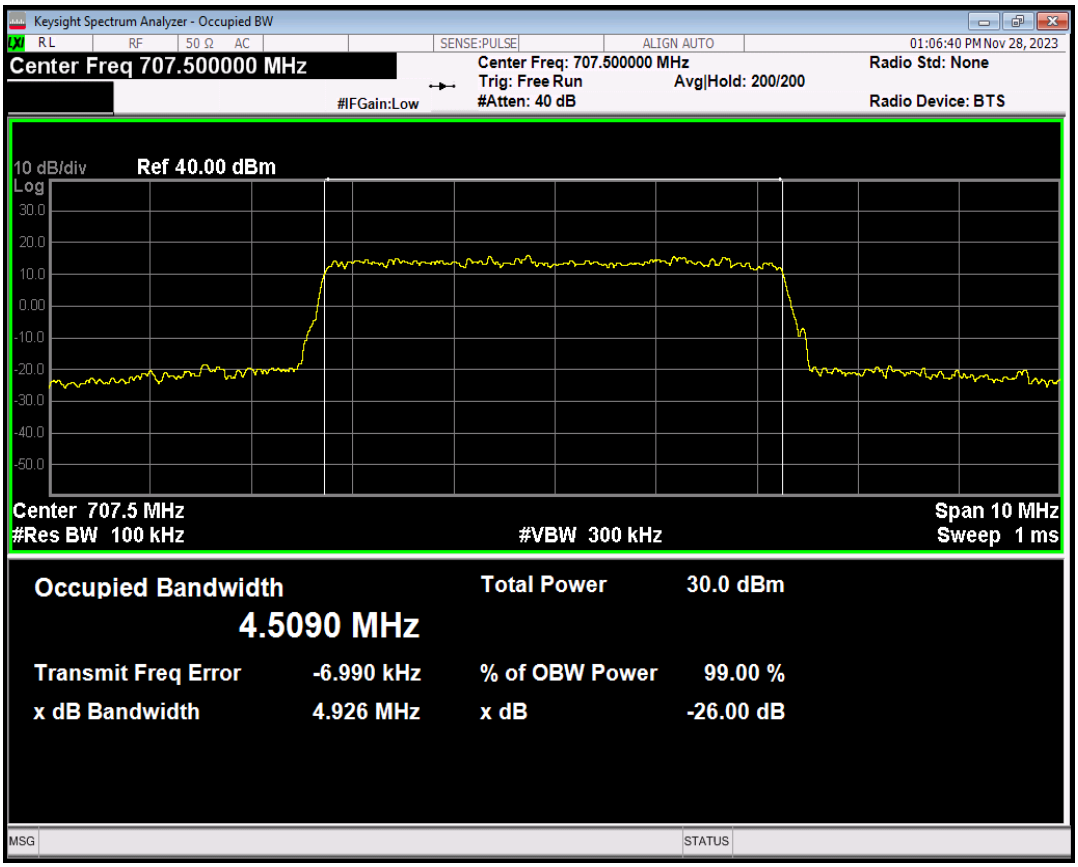
Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0



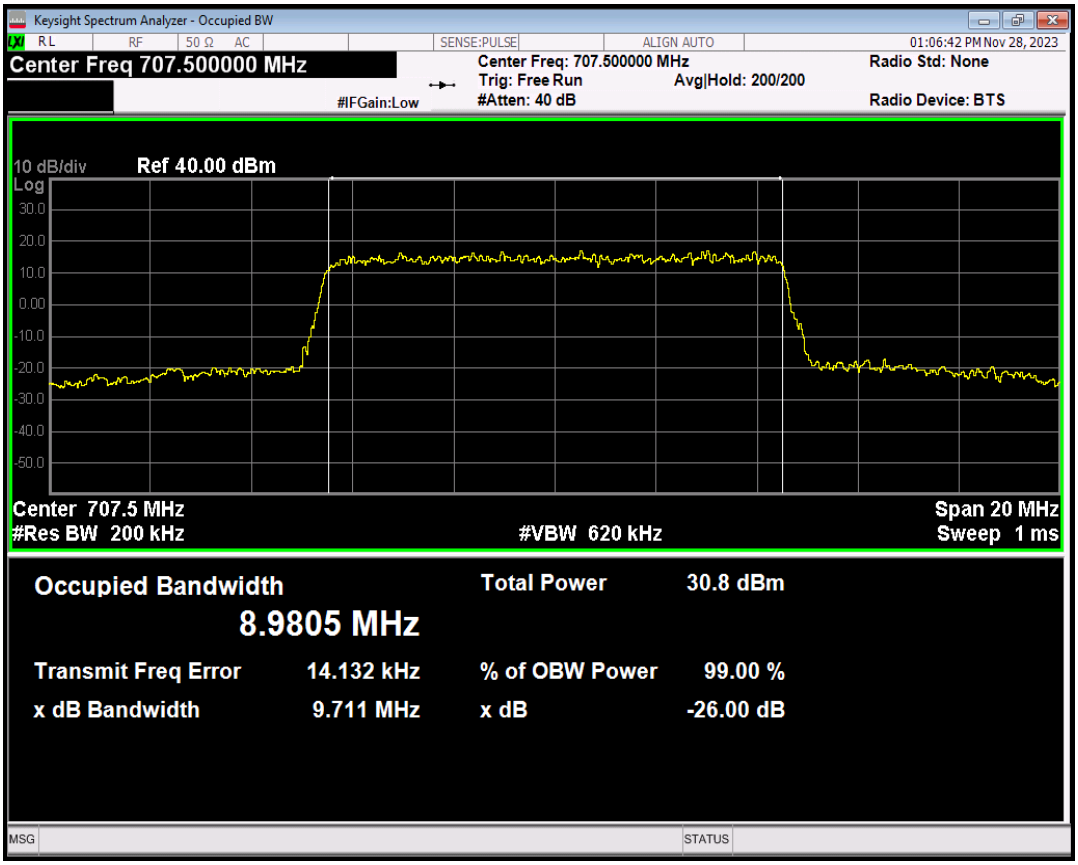
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



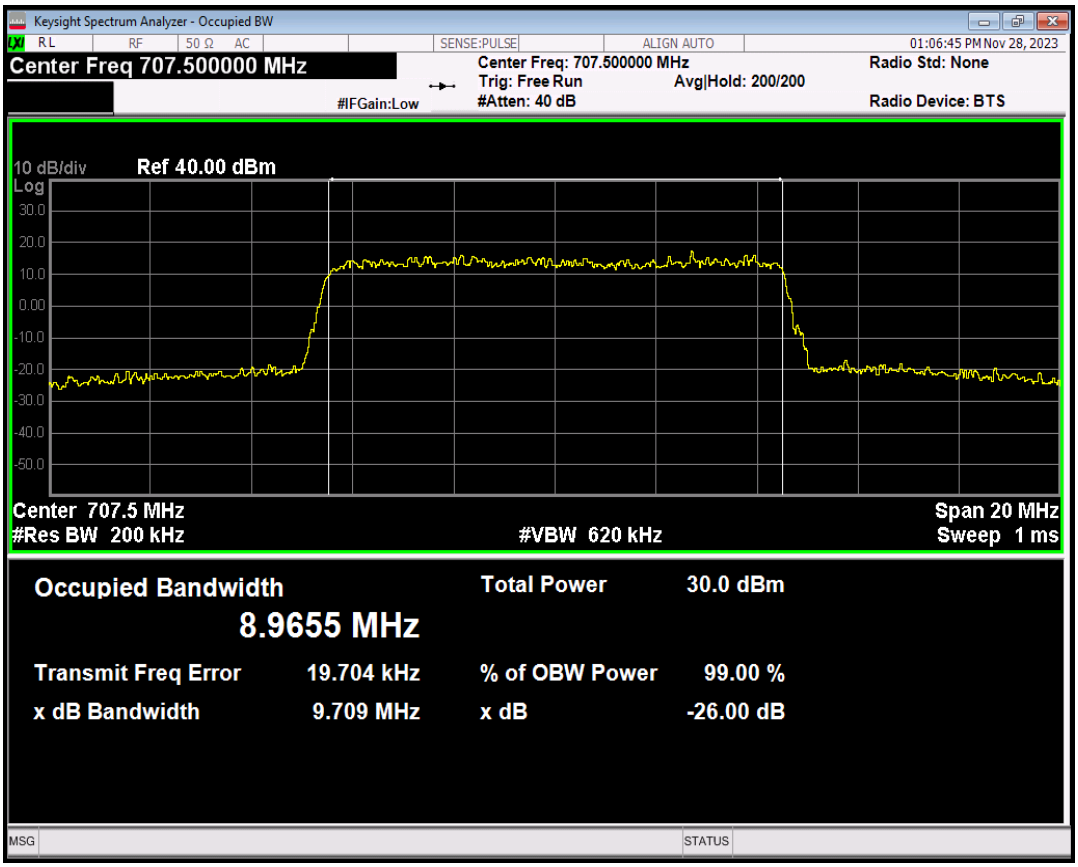
Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0



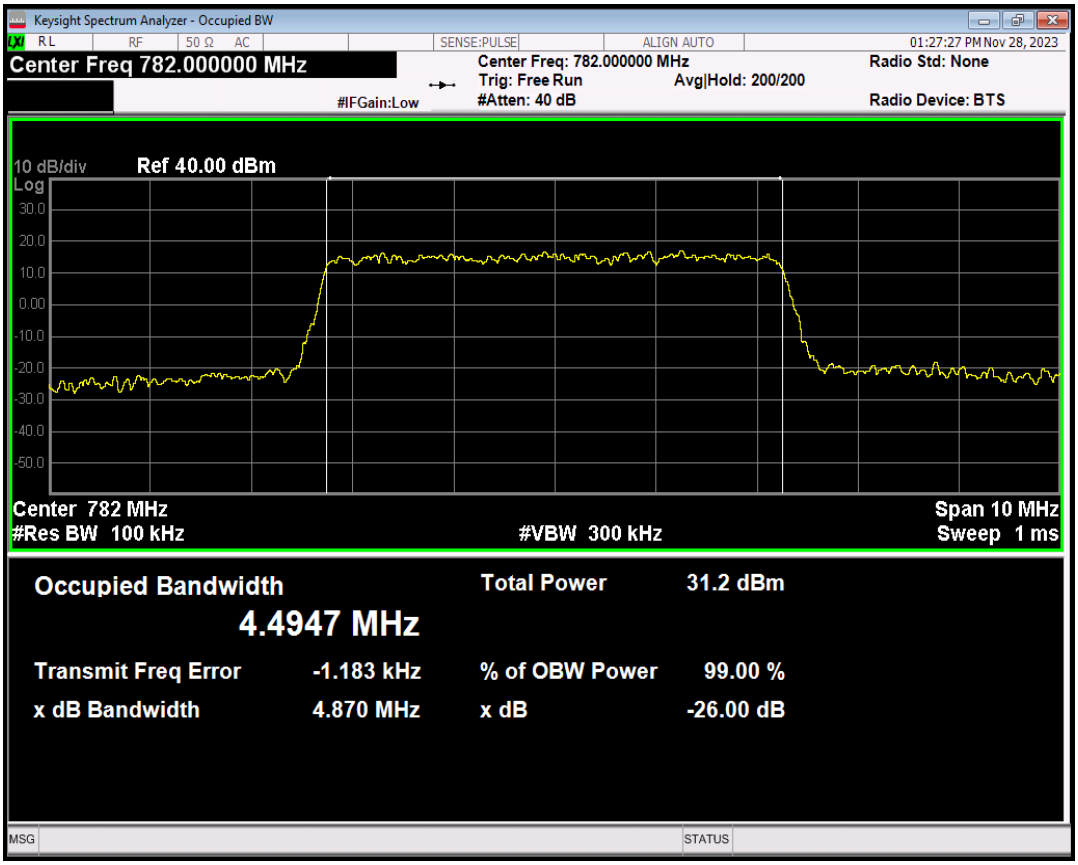
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



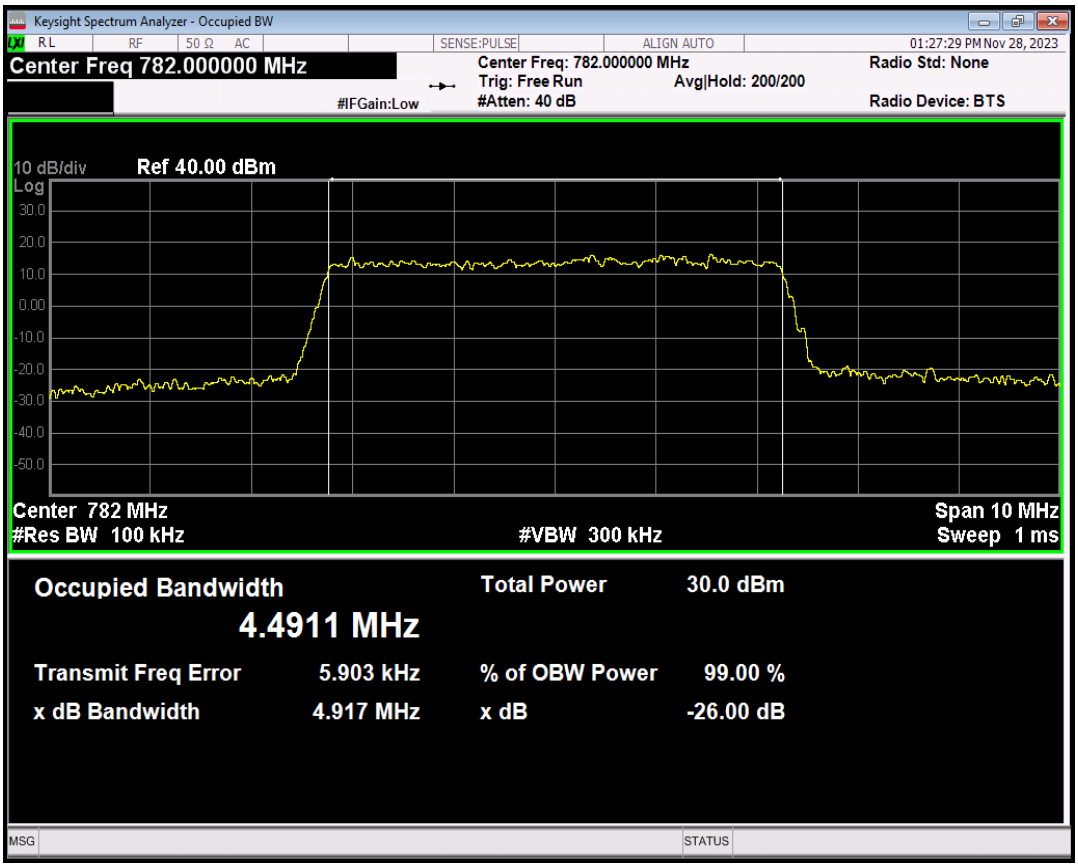
Band12 16QAM BW=10MHz Channel=23095 RB Size=50 Position=#0



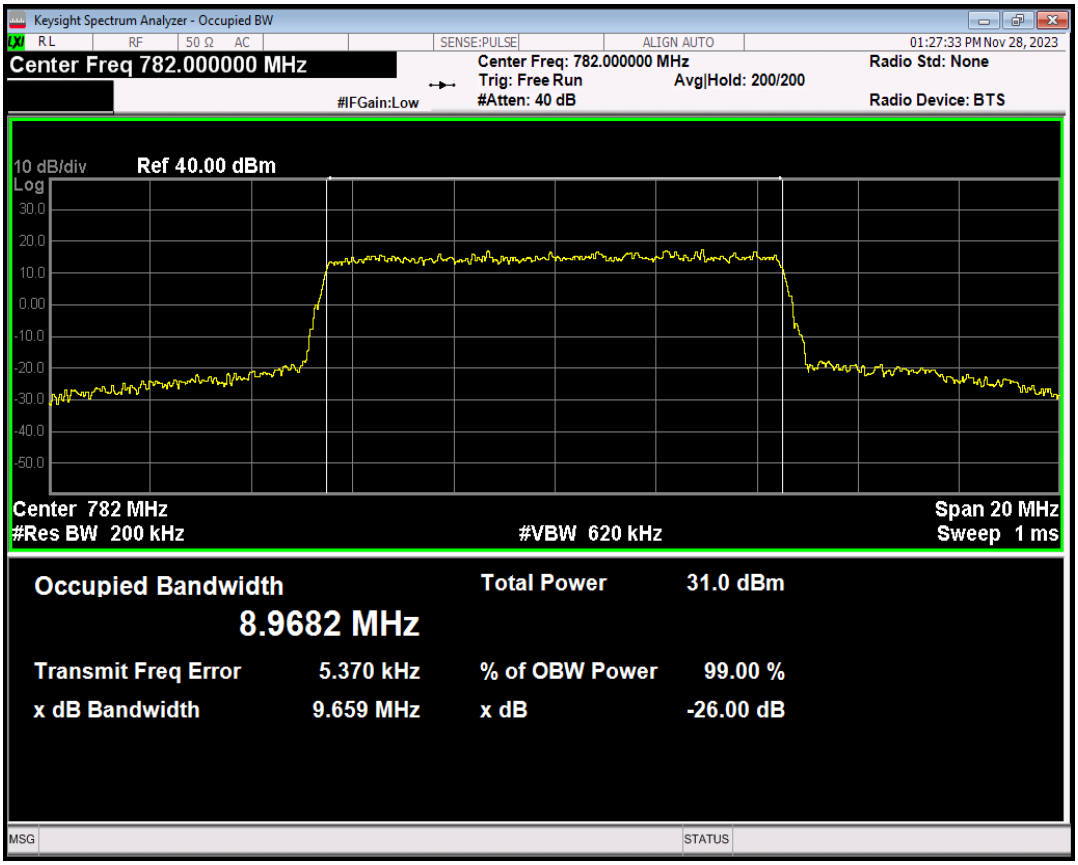
Band13 QPSK BW=5MHz Channel=23230 RB Size=25 Position=#0



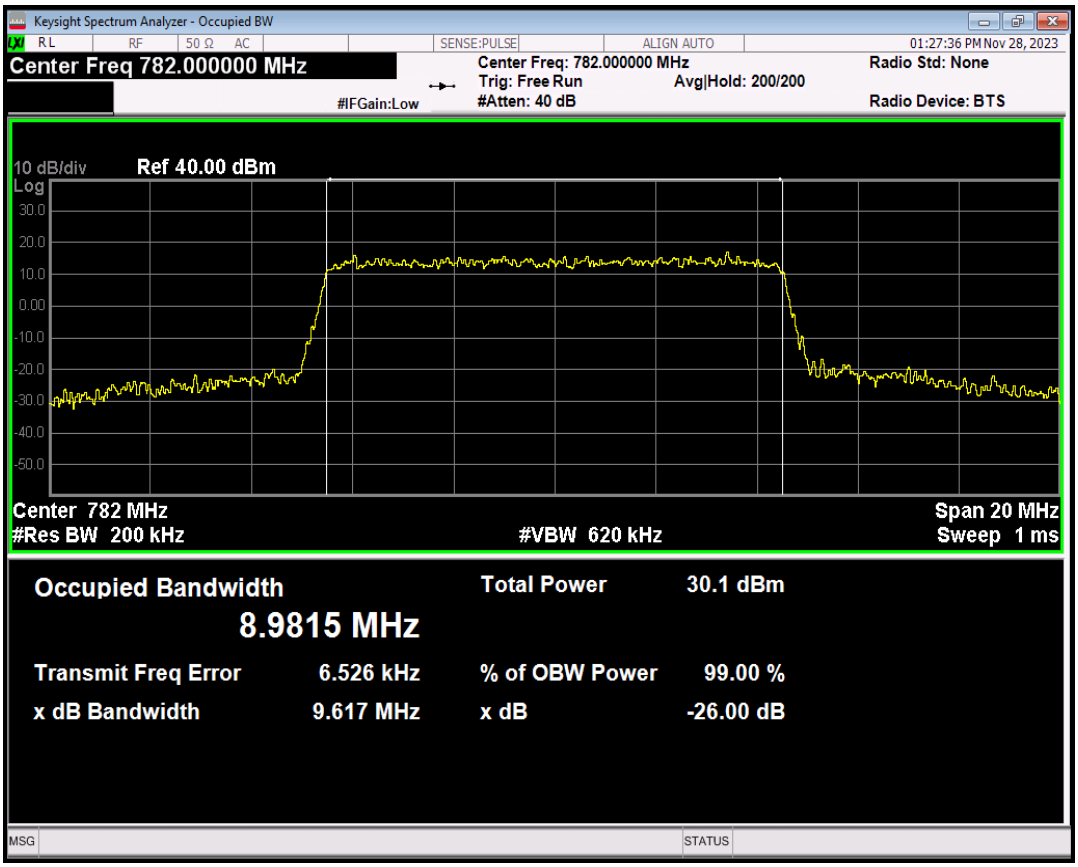
Band13 16QAM BW=5MHz Channel=23230 RB Size=25 Position=#0



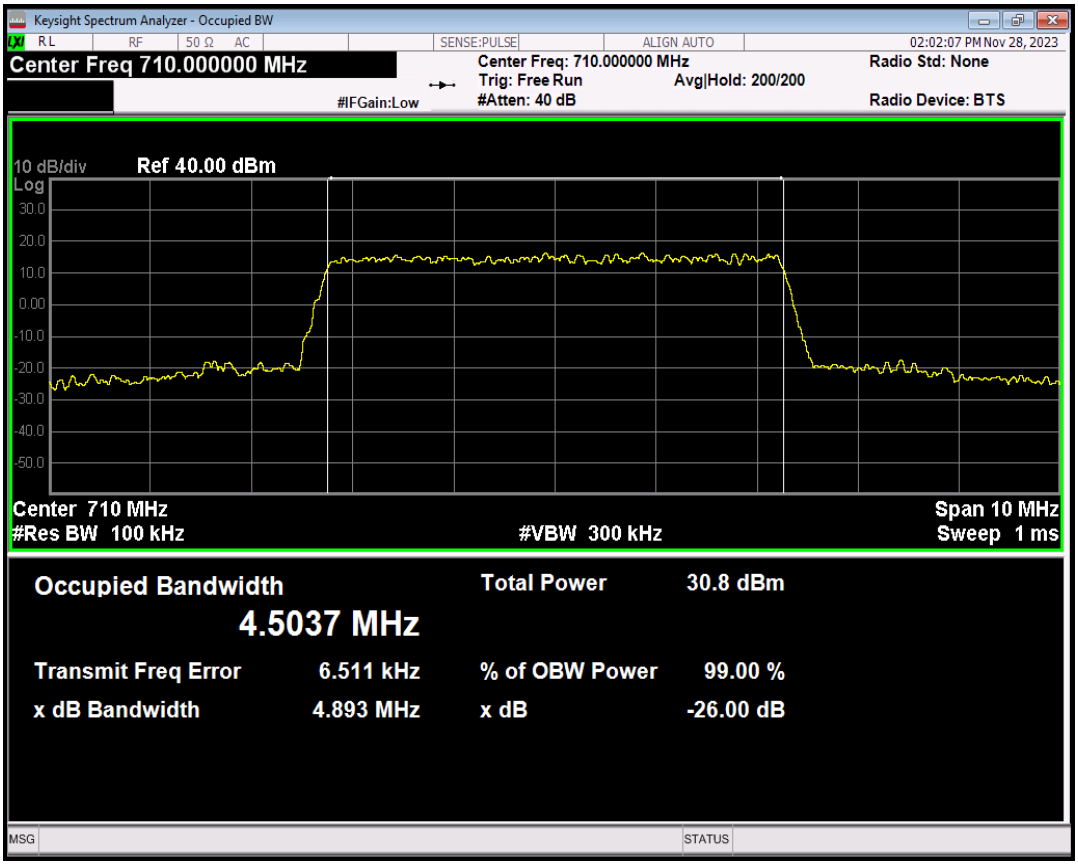
Band13 QPSK BW=10MHz Channel=23230 RB Size=50 Position=#0



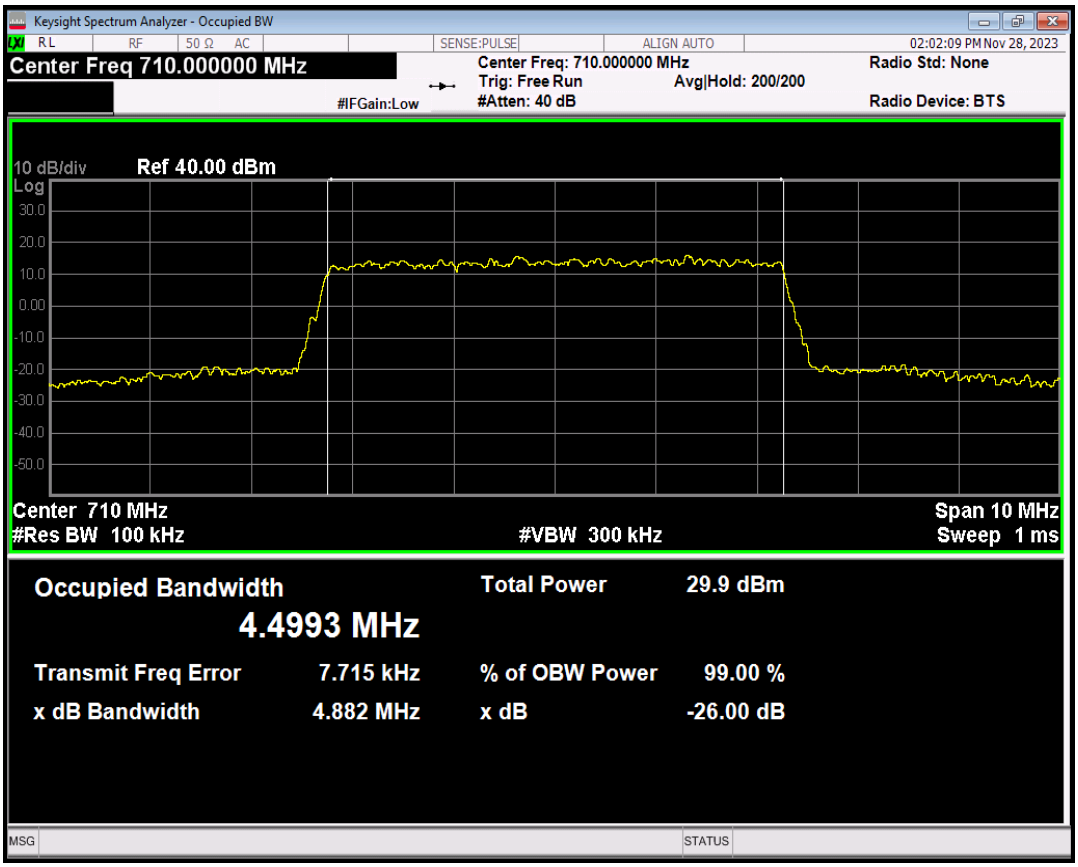
Band13 16QAM BW=10MHz Channel=23230 RB Size=50 Position=#0



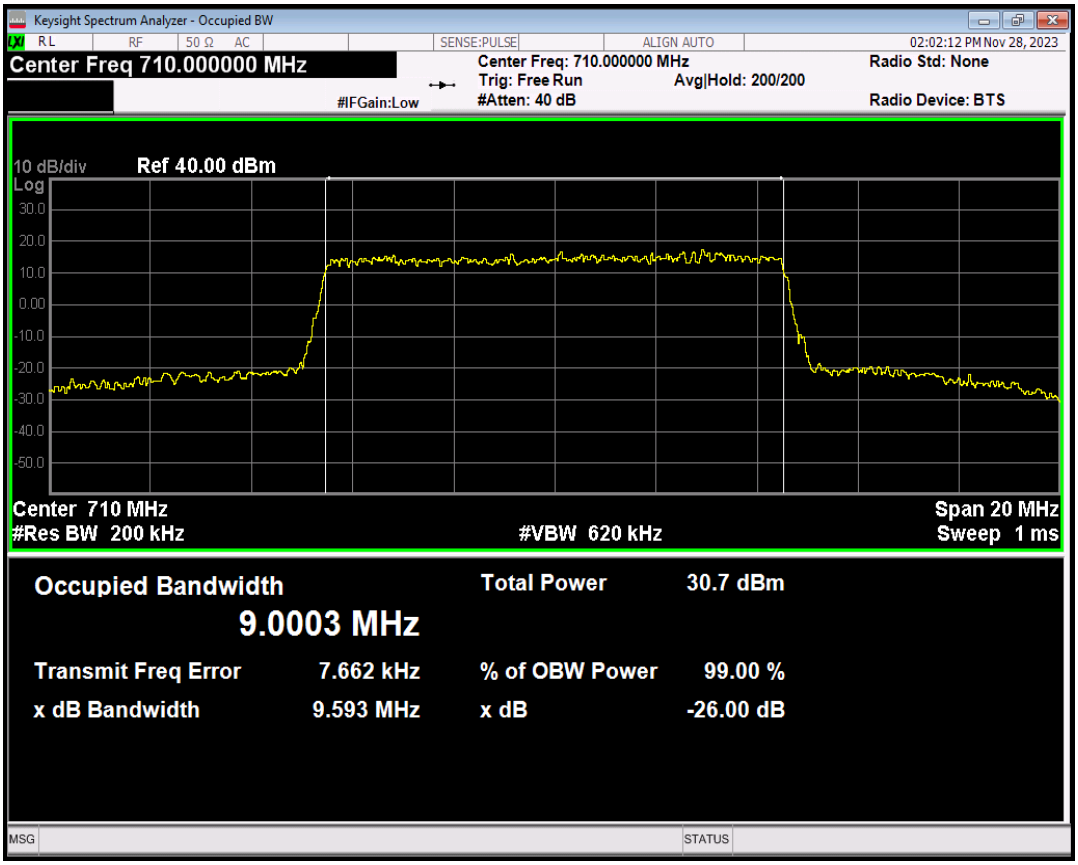
Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0



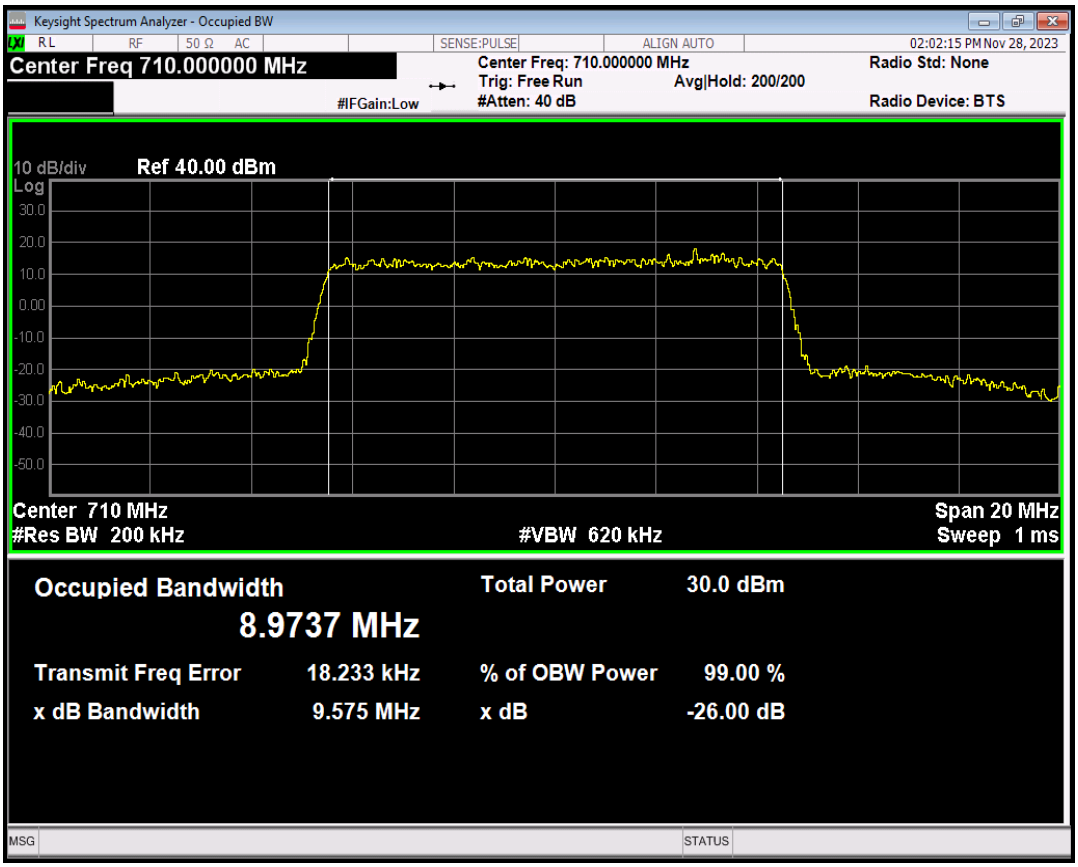
Band17 16QAM BW=5MHz Channel=23790 RB Size=25 Position=#0



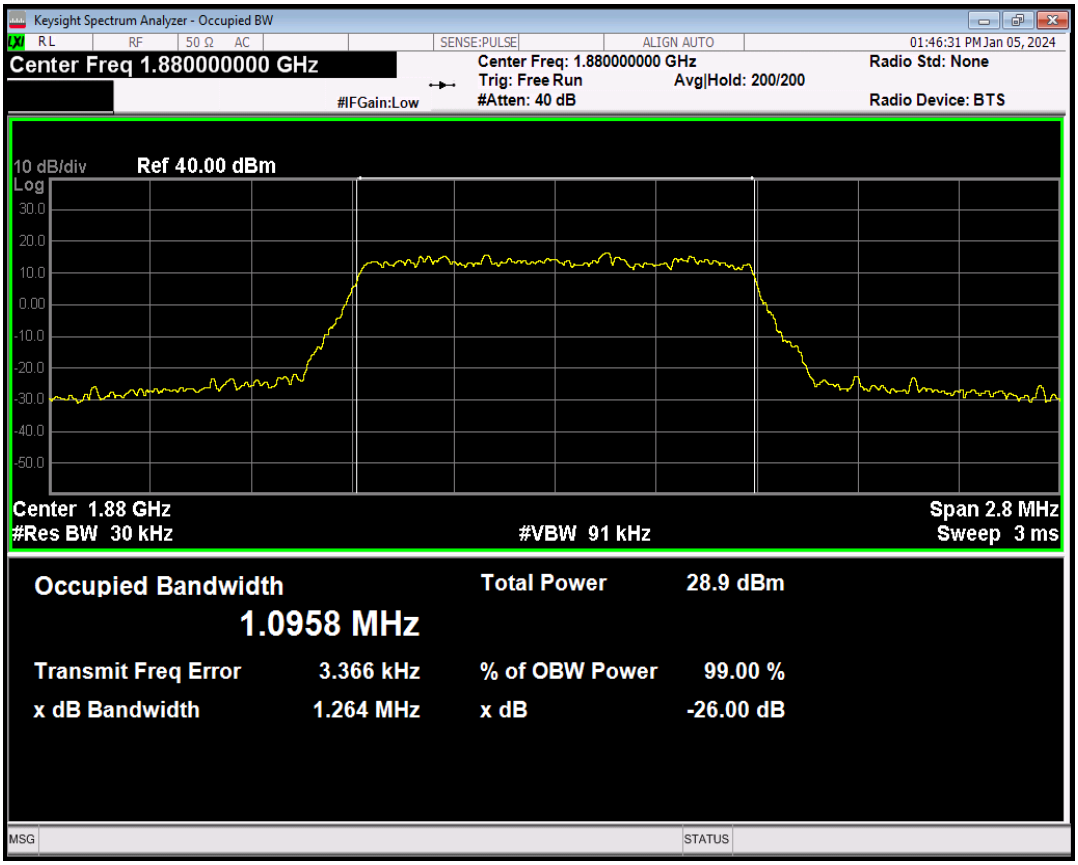
Band17 QPSK BW=10MHz Channel=23790 RB Size=50 Position=#0



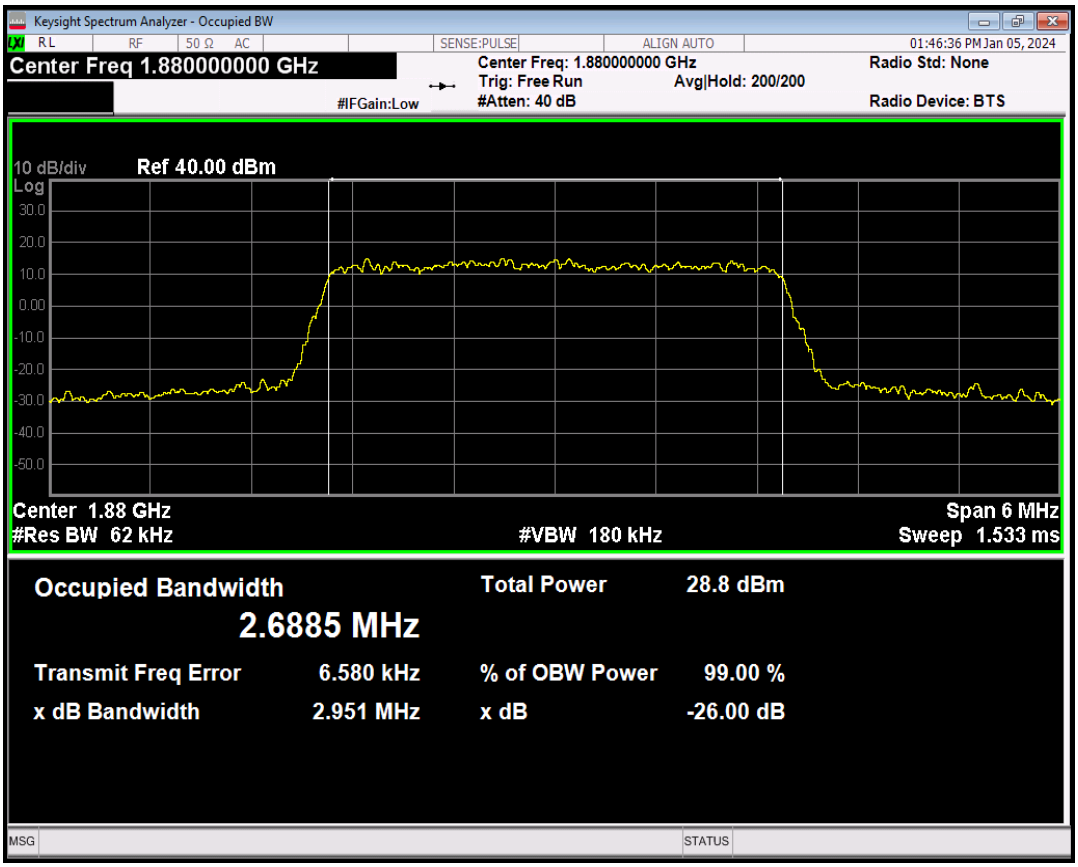
Band17 16QAM BW=10MHz Channel=23790 RB Size=50 Position=#0



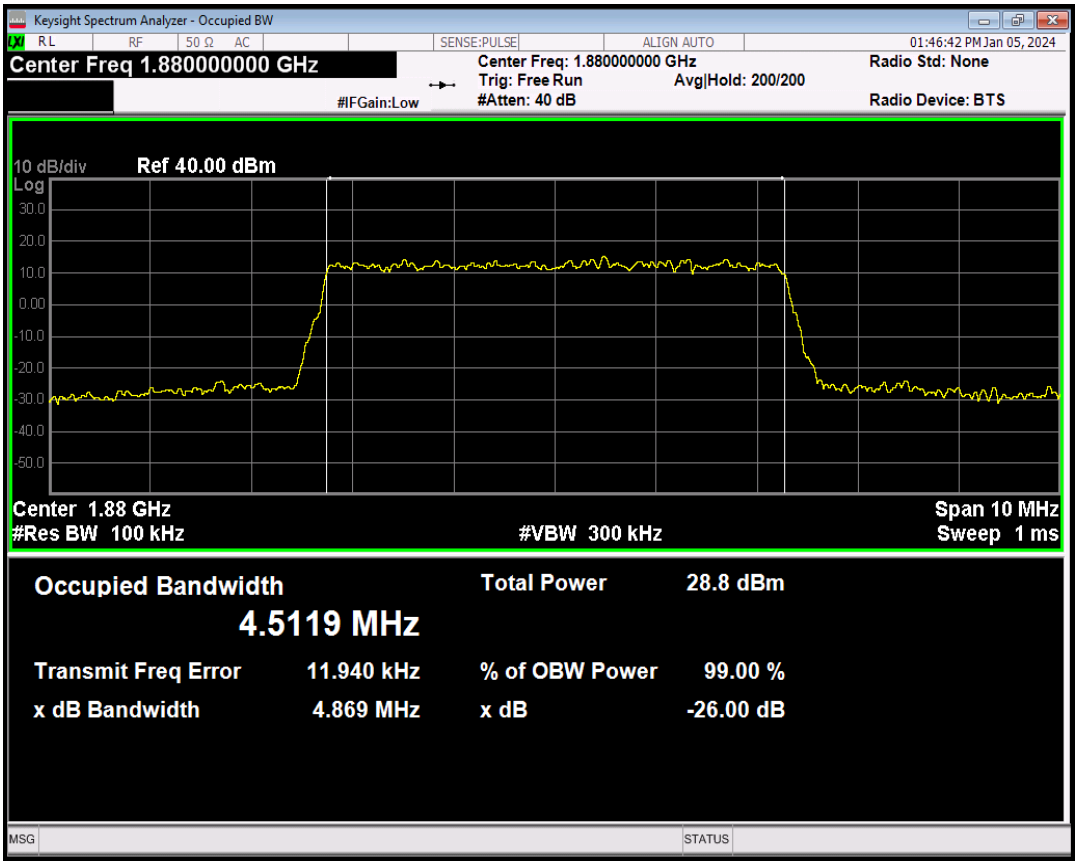
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



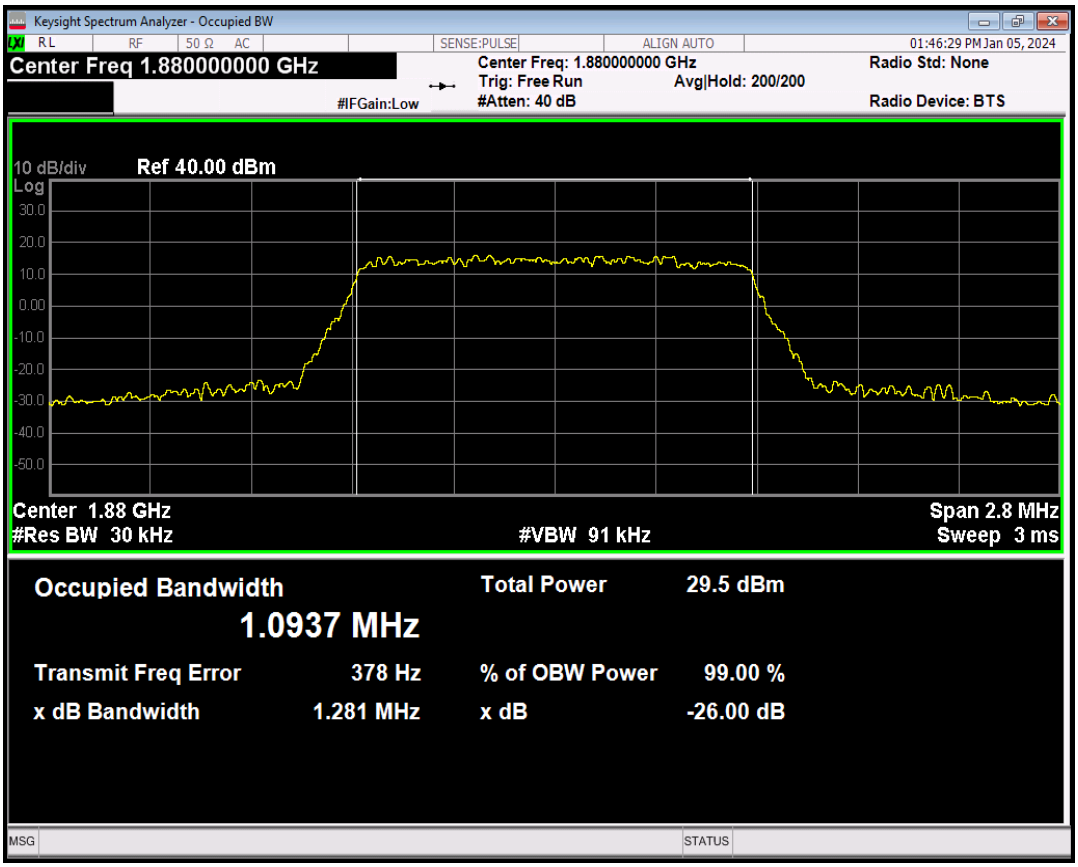
Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



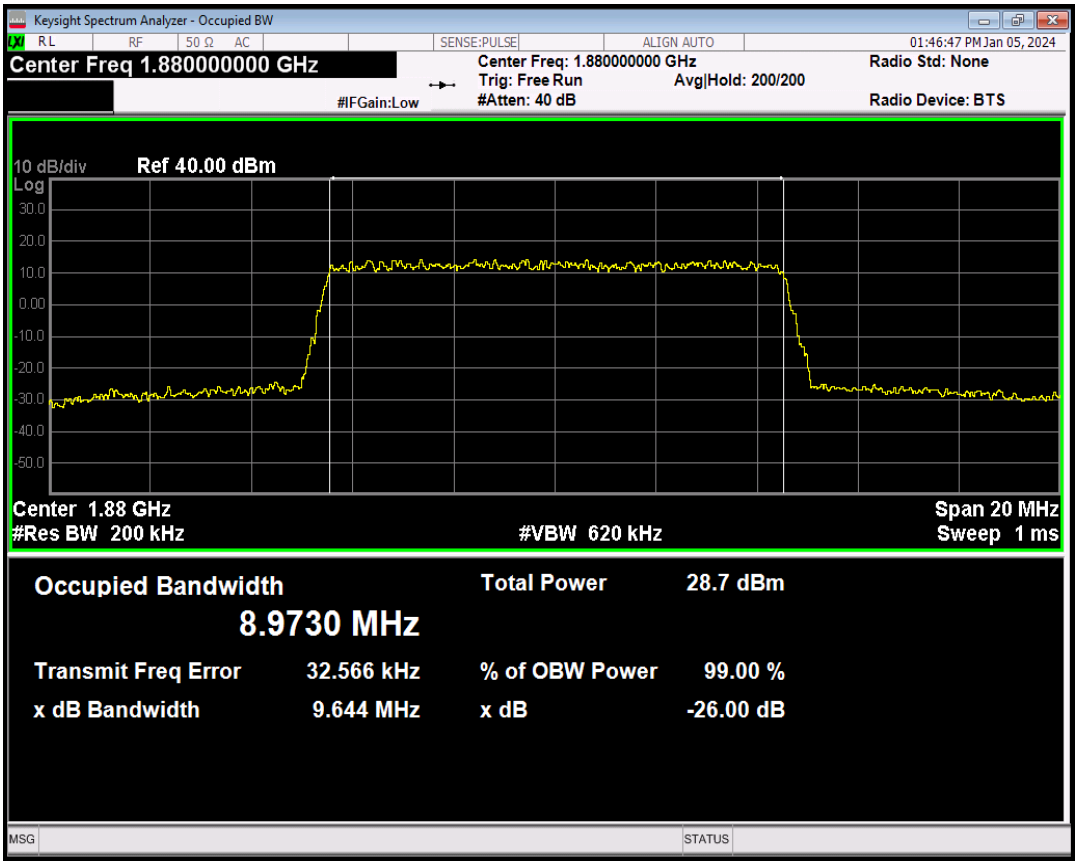
Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



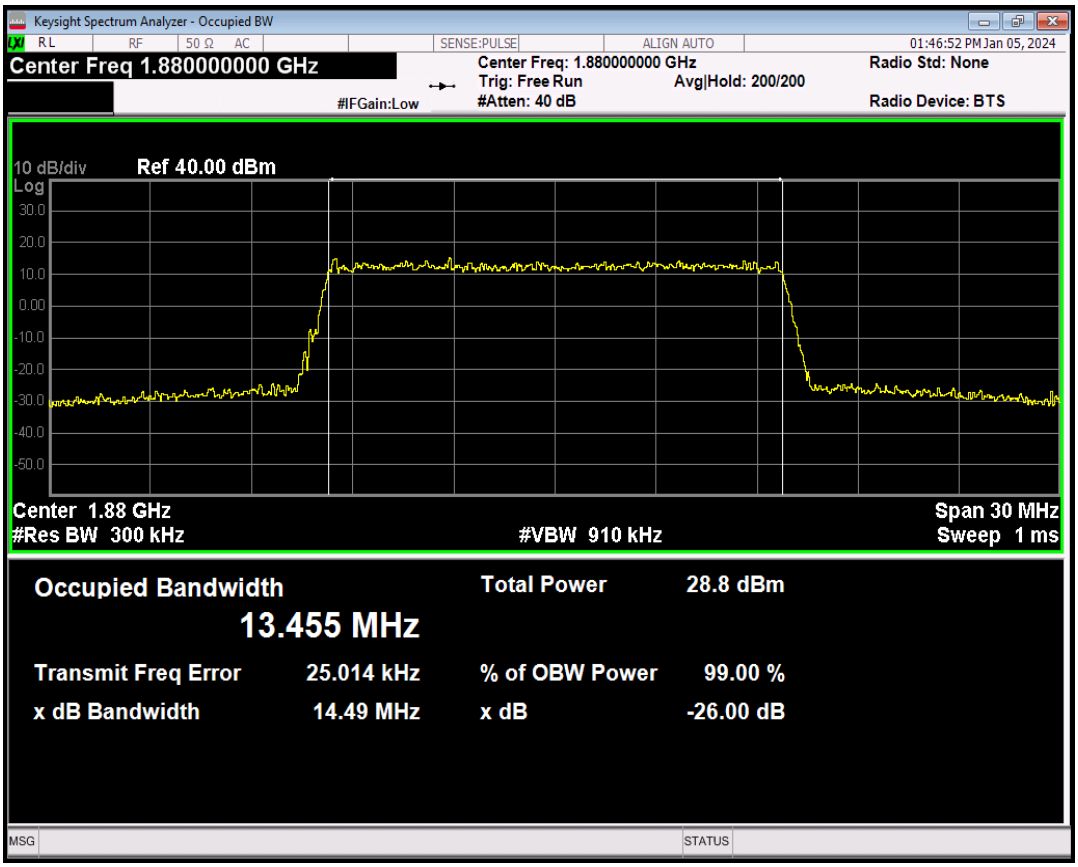
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



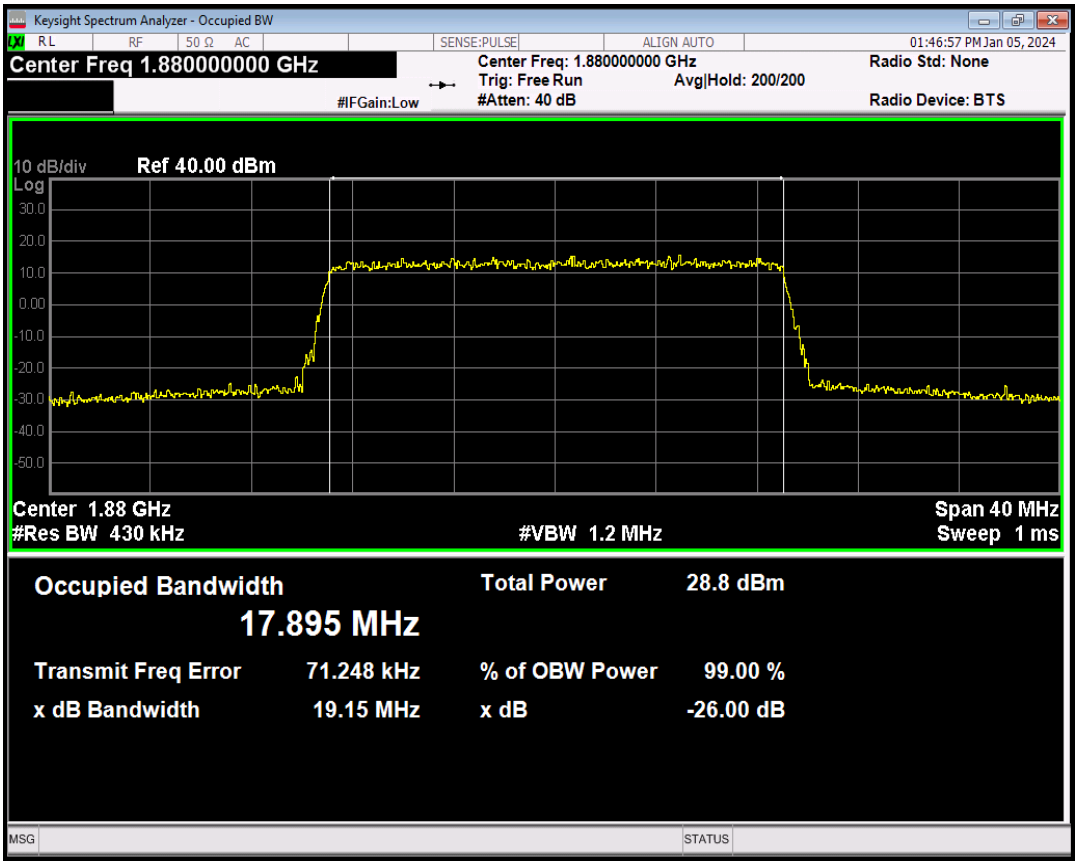
Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0



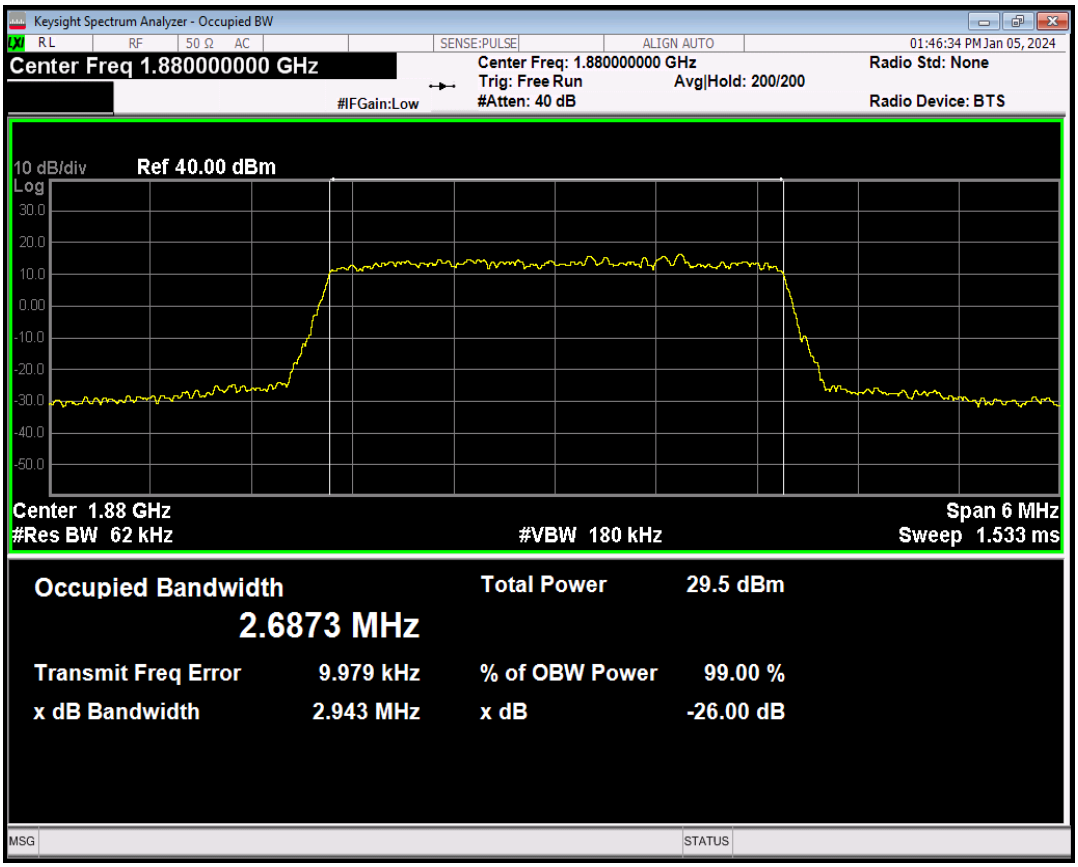
Band2 16QAM BW=15MHz Channel=18900 RB Size=75 Position=#0



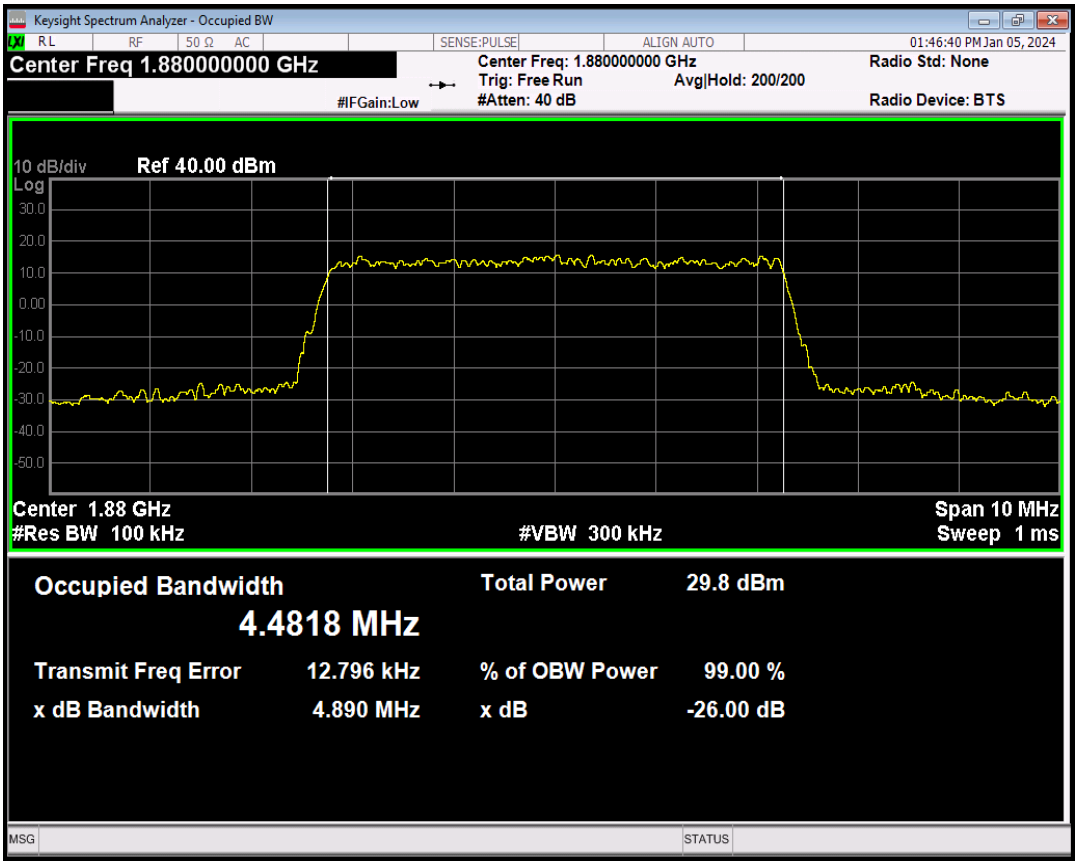
Band2 16QAM BW=20MHz Channel=18900 RB Size=100 Position=#0



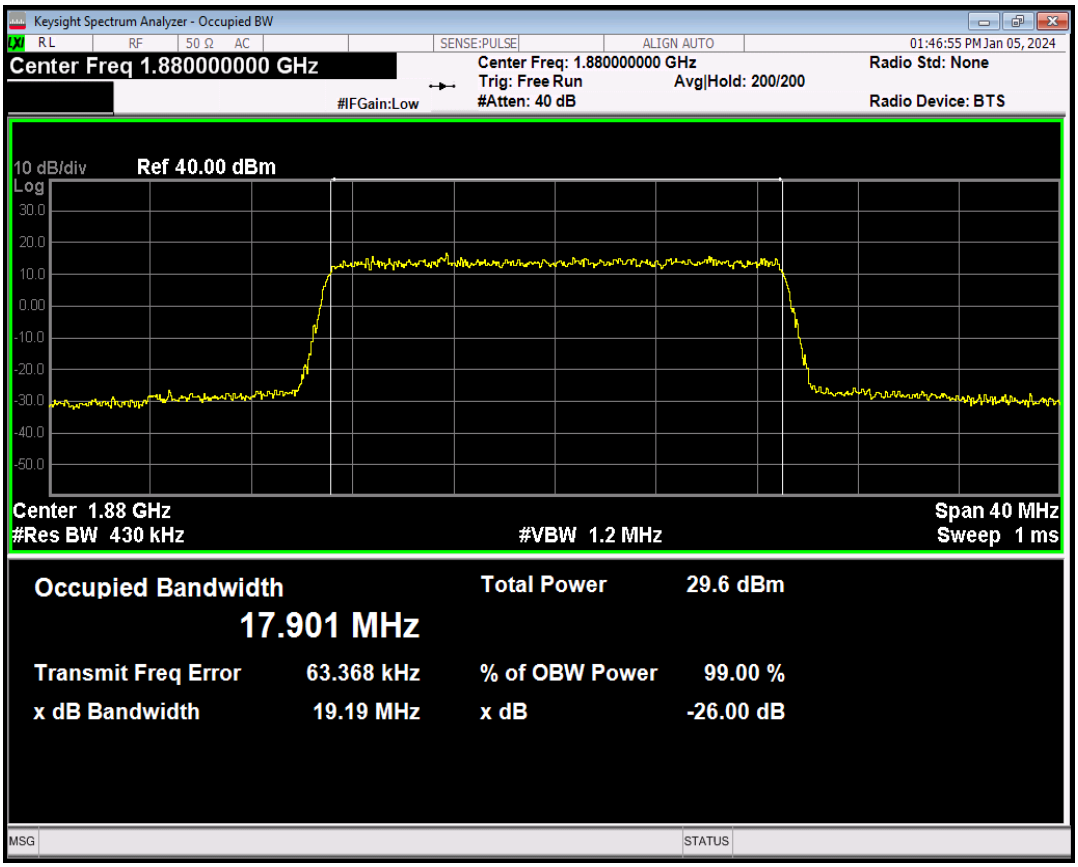
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



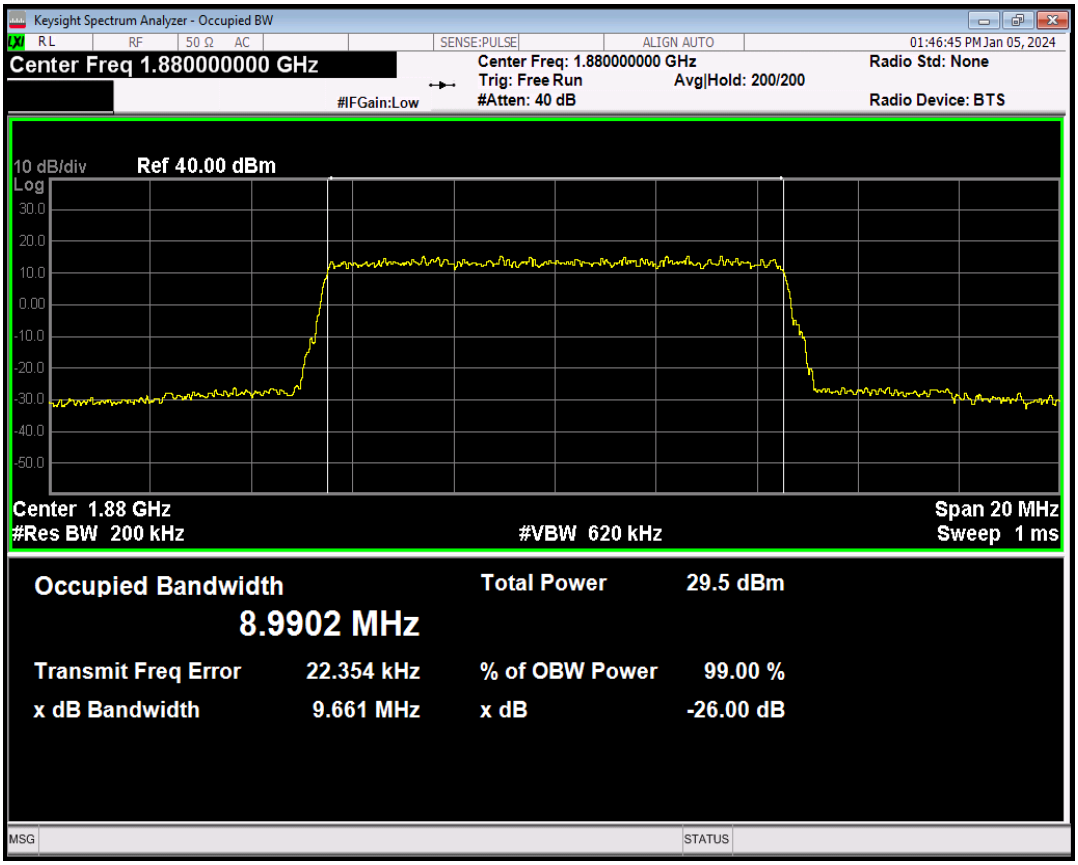
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



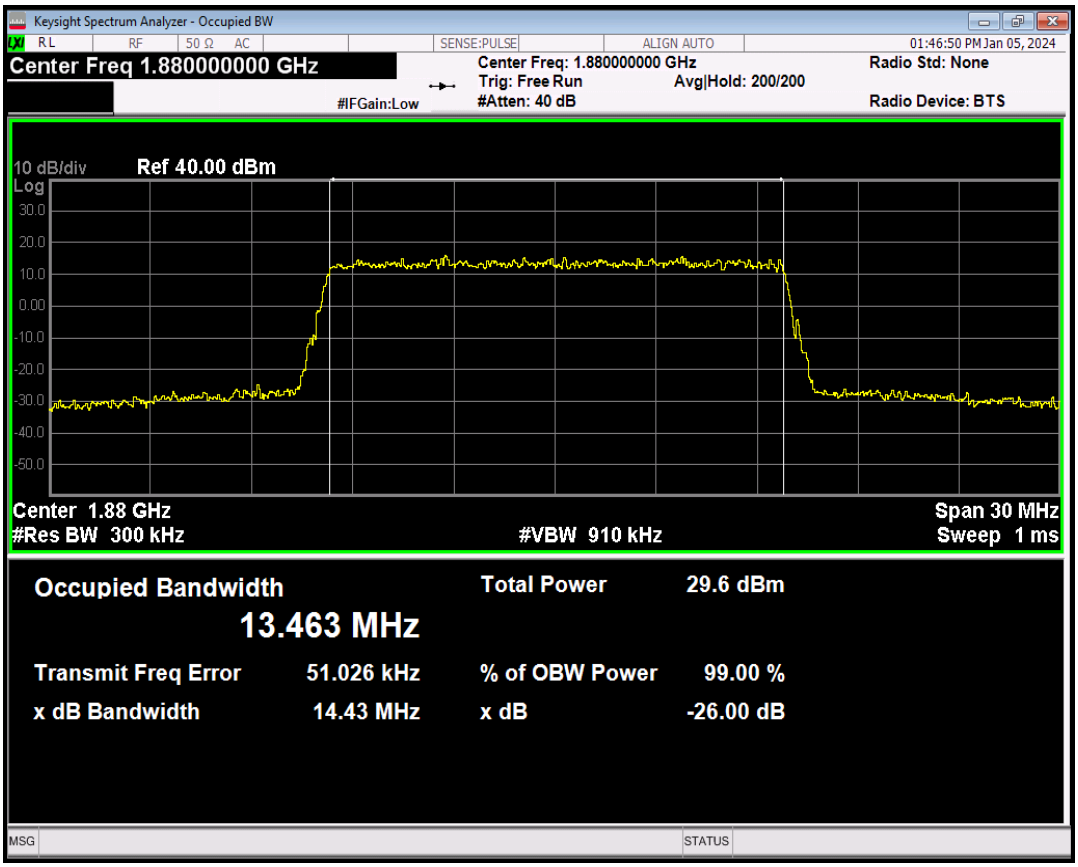
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



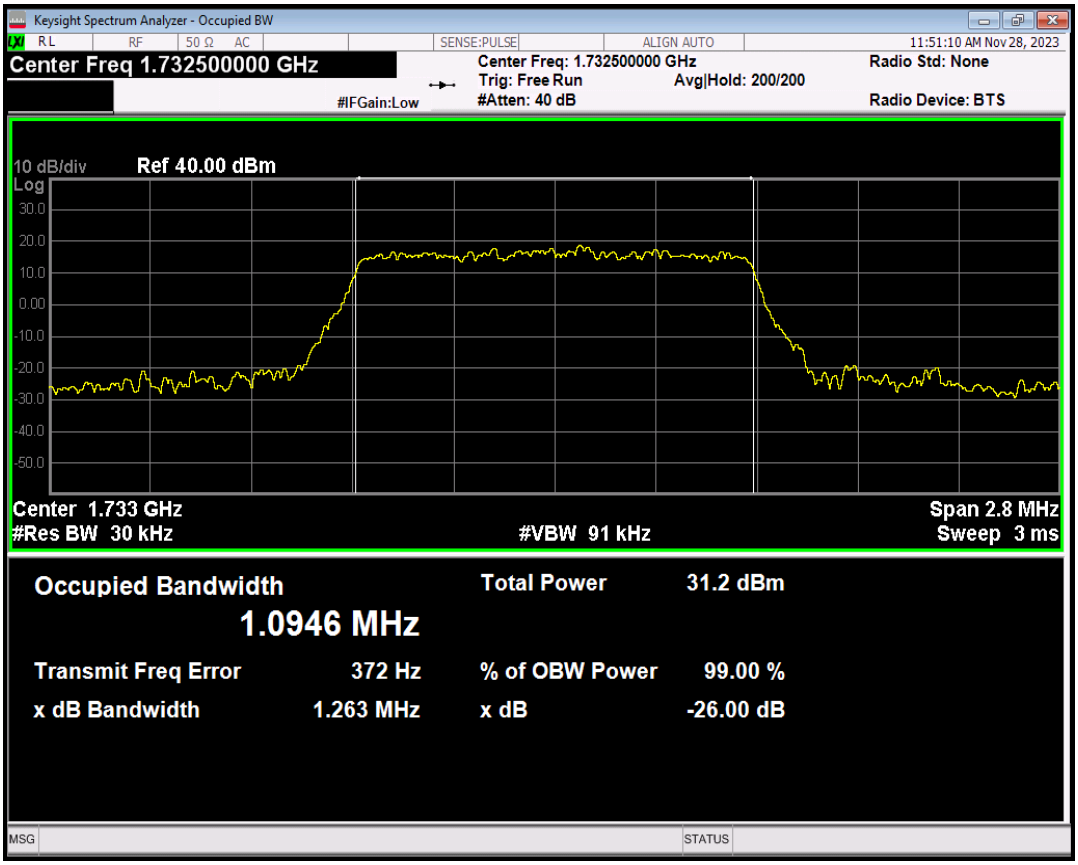
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



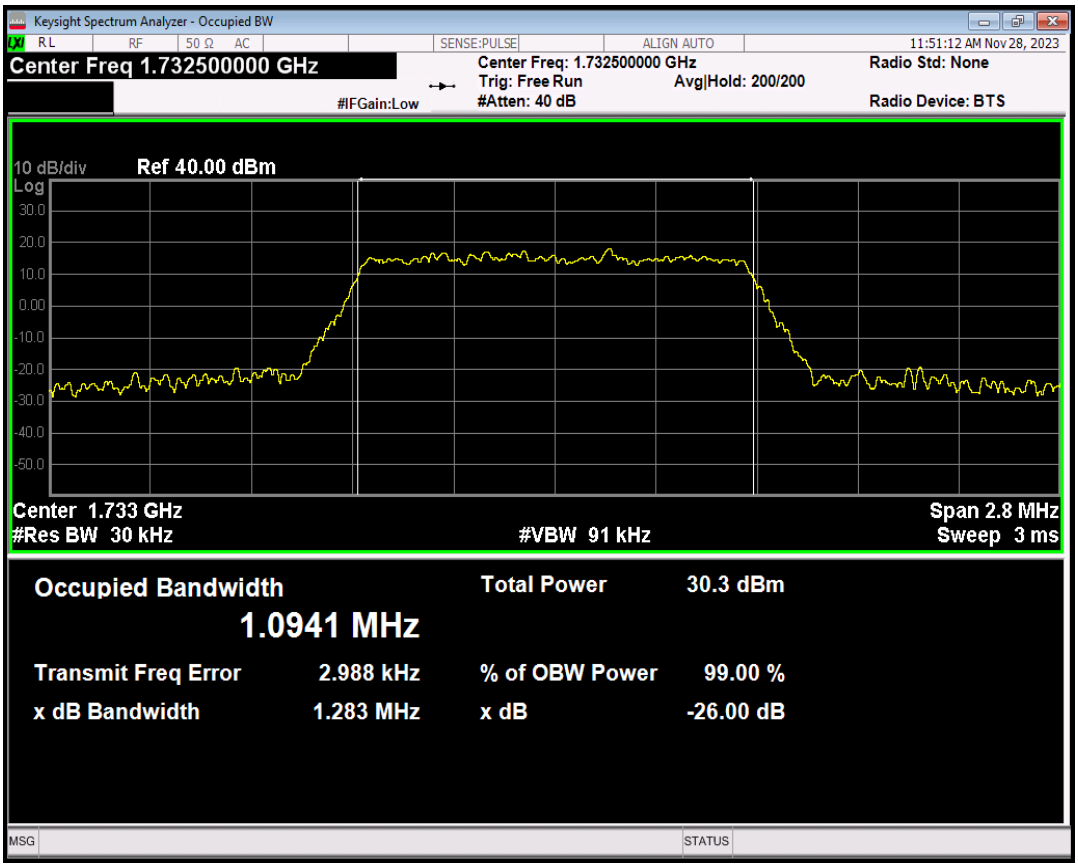
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



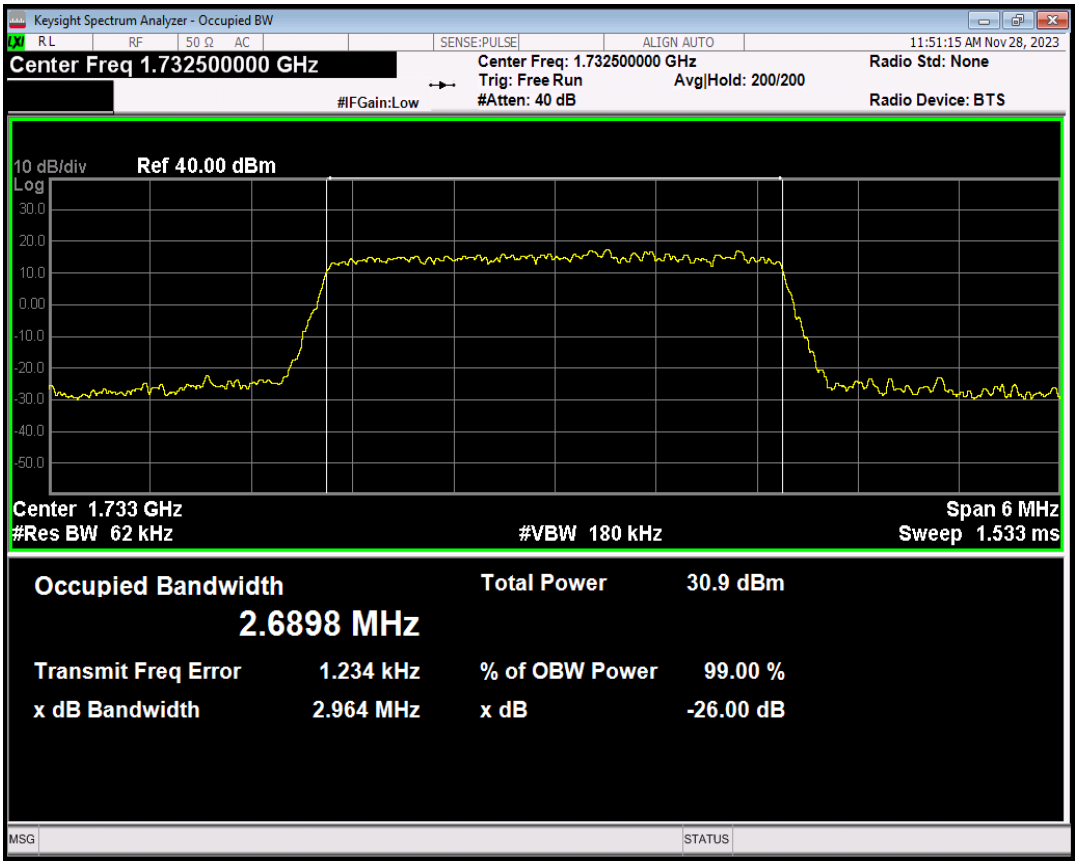
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



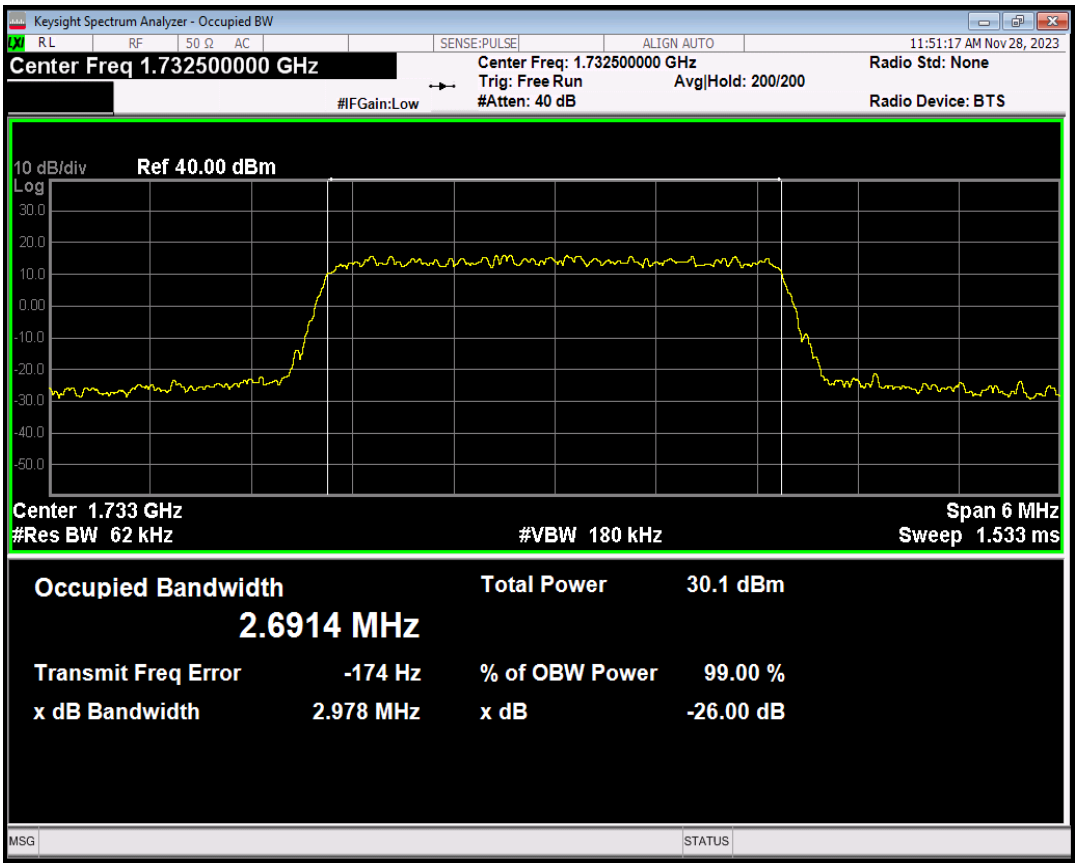
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0



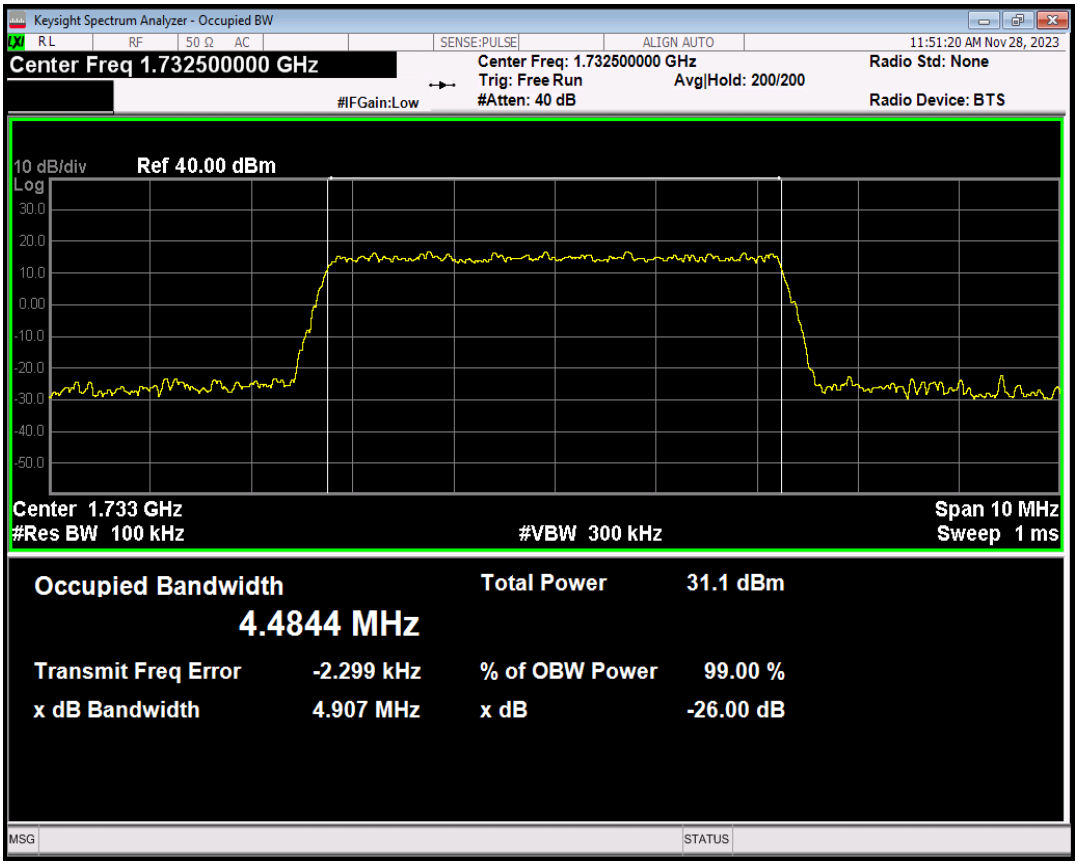
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



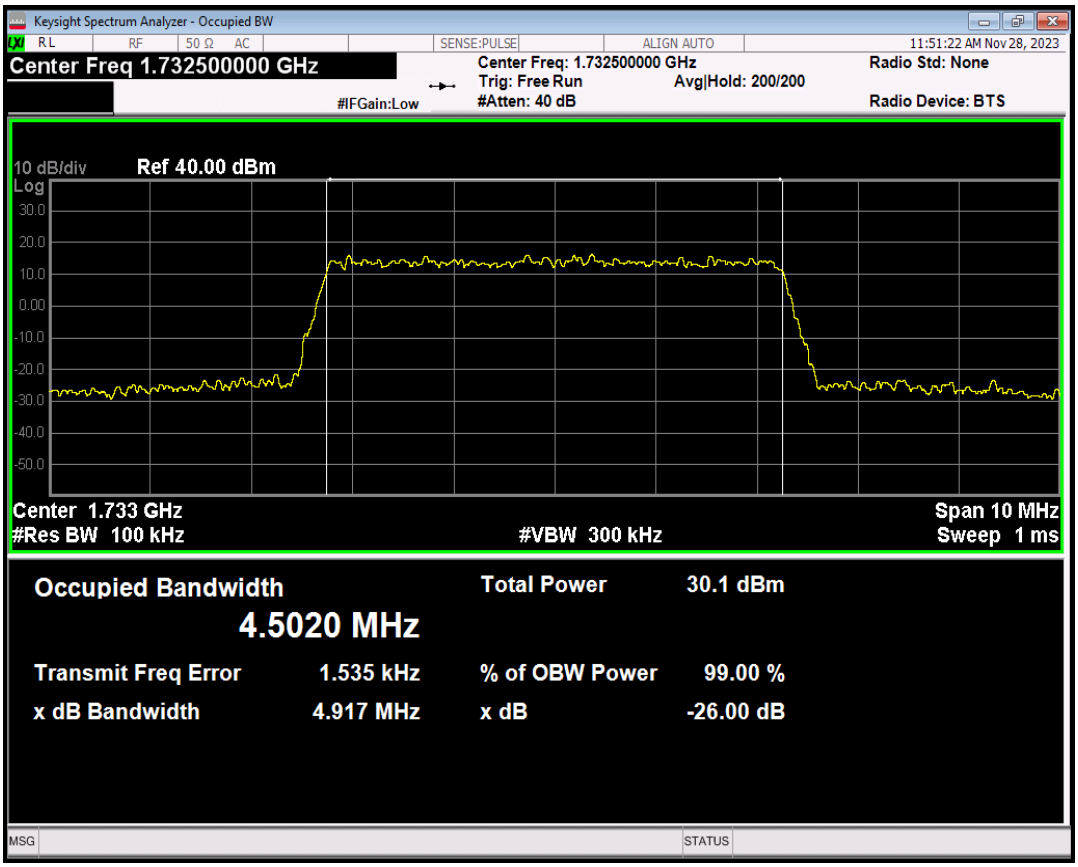
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0



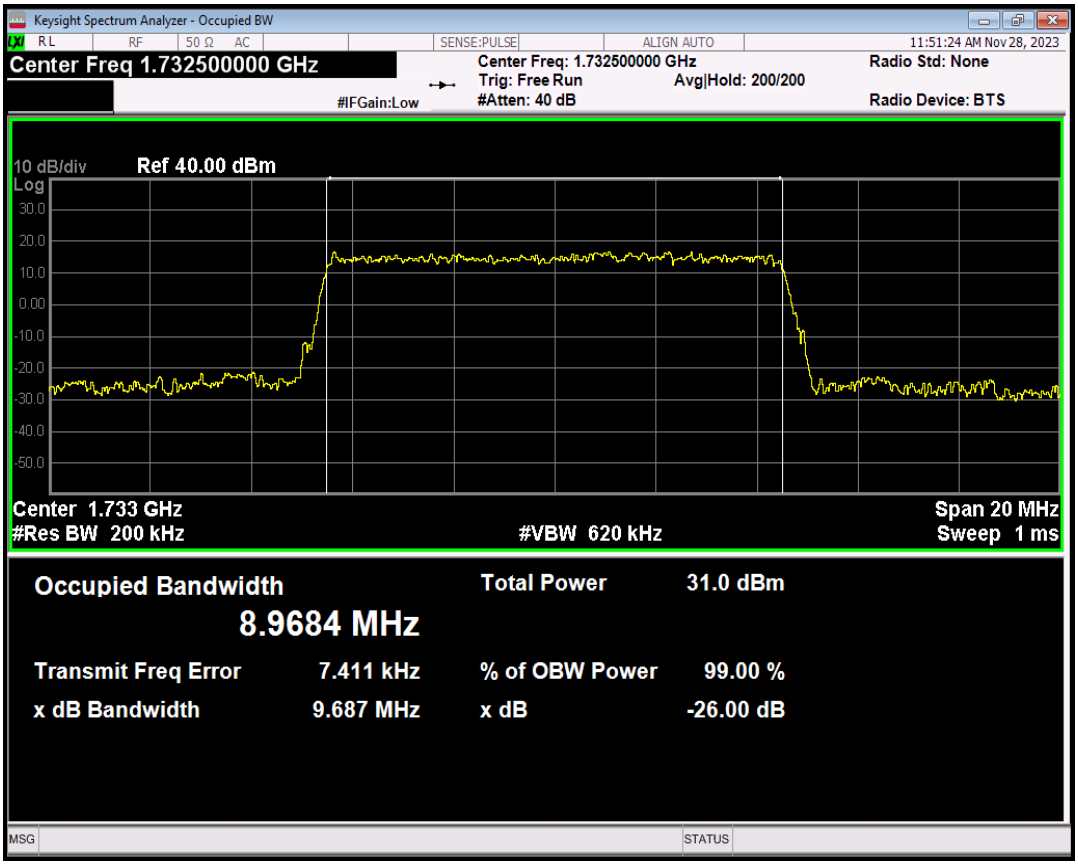
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



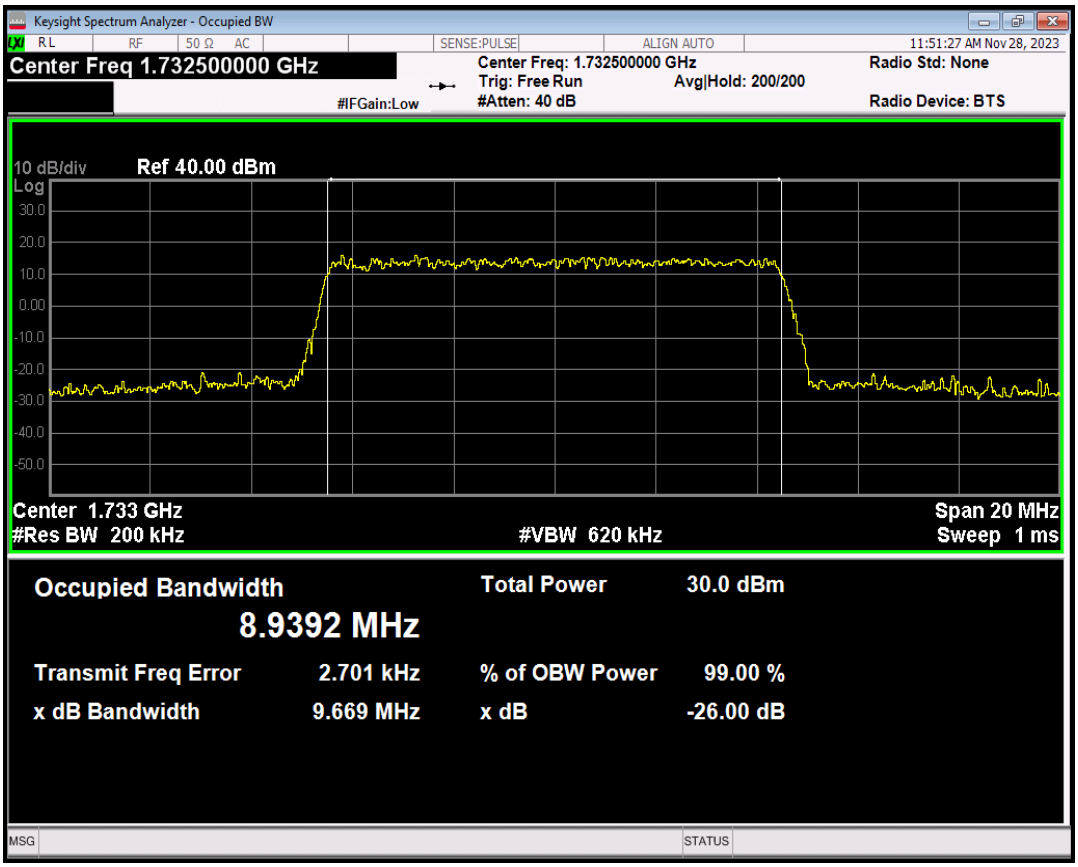
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0



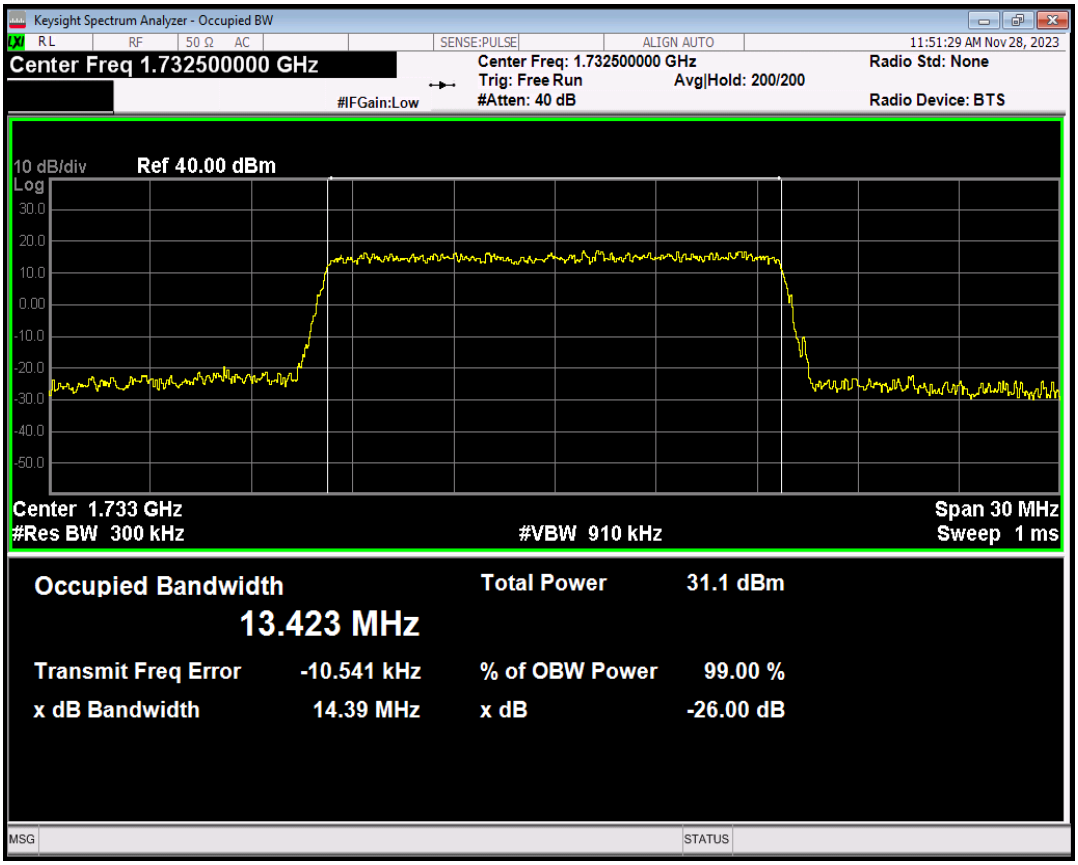
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



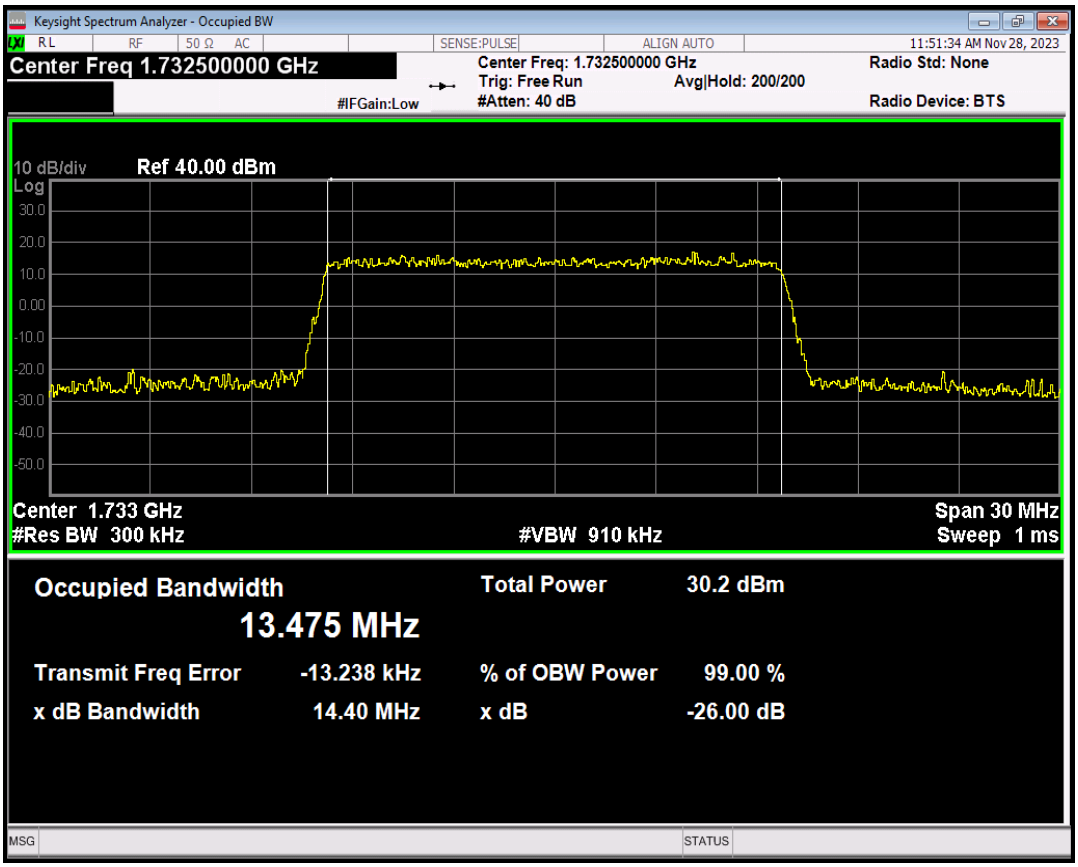
Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0



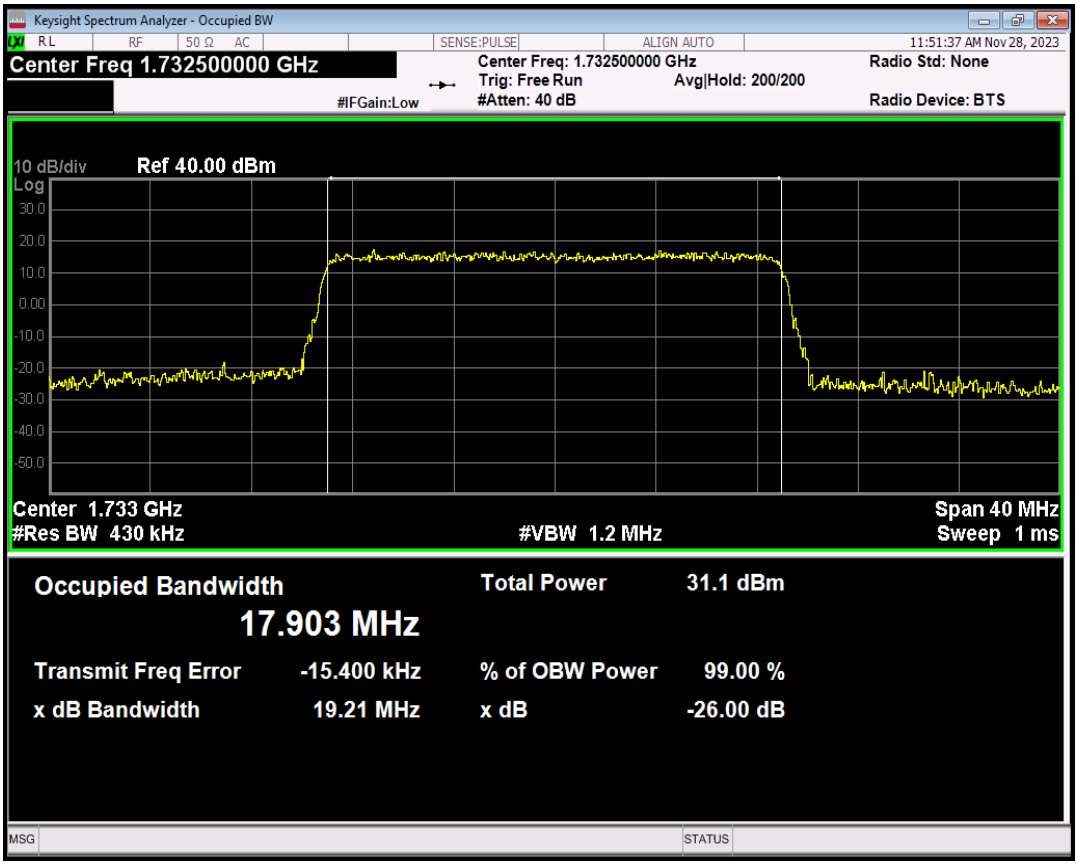
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



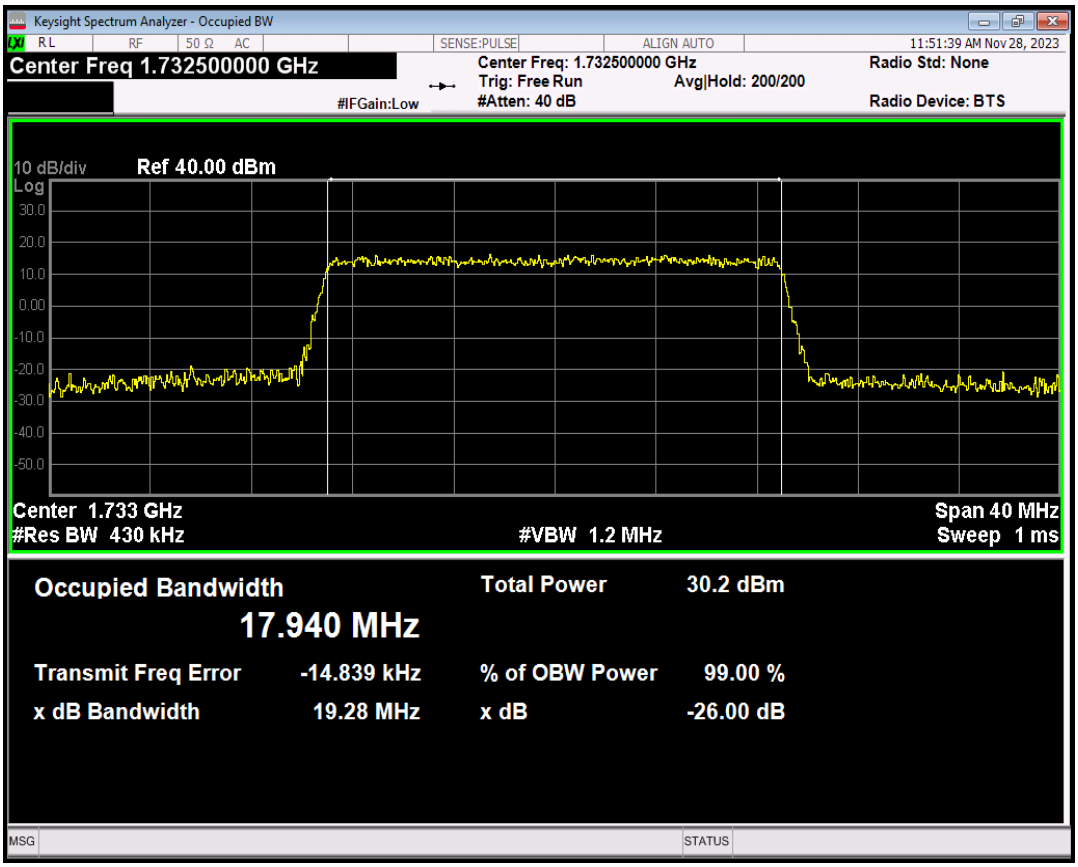
Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0



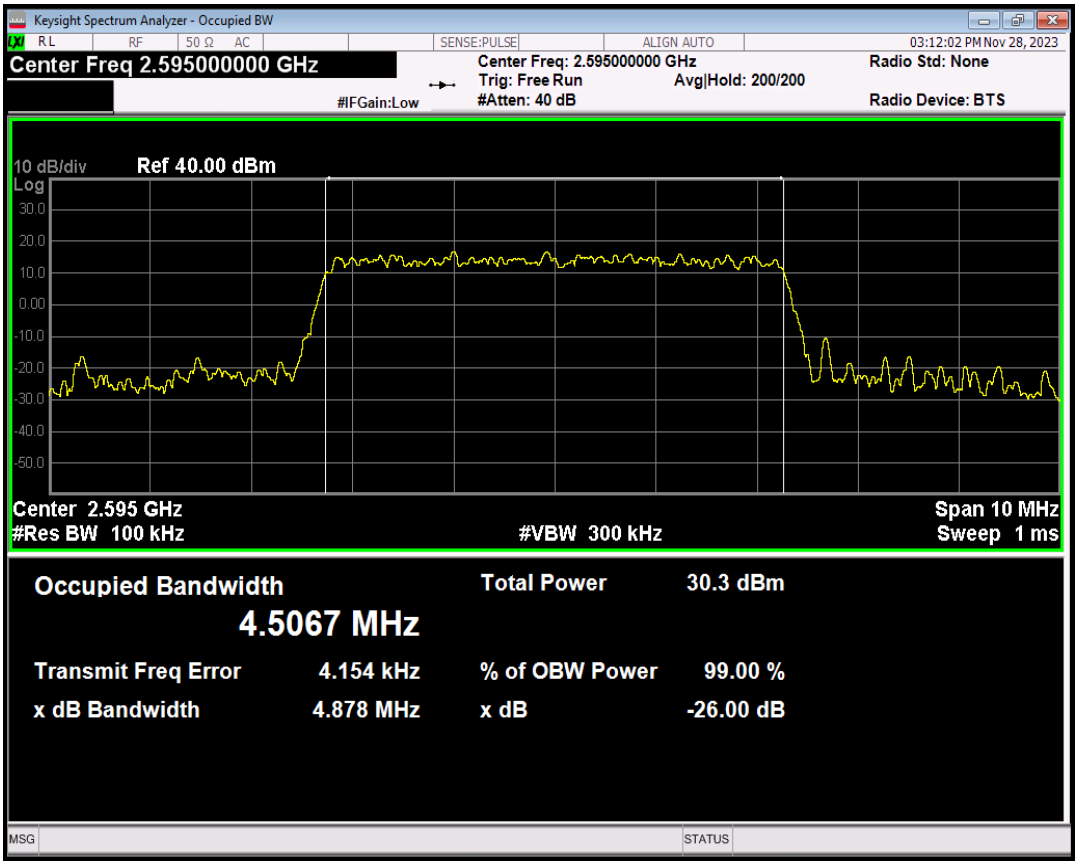
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



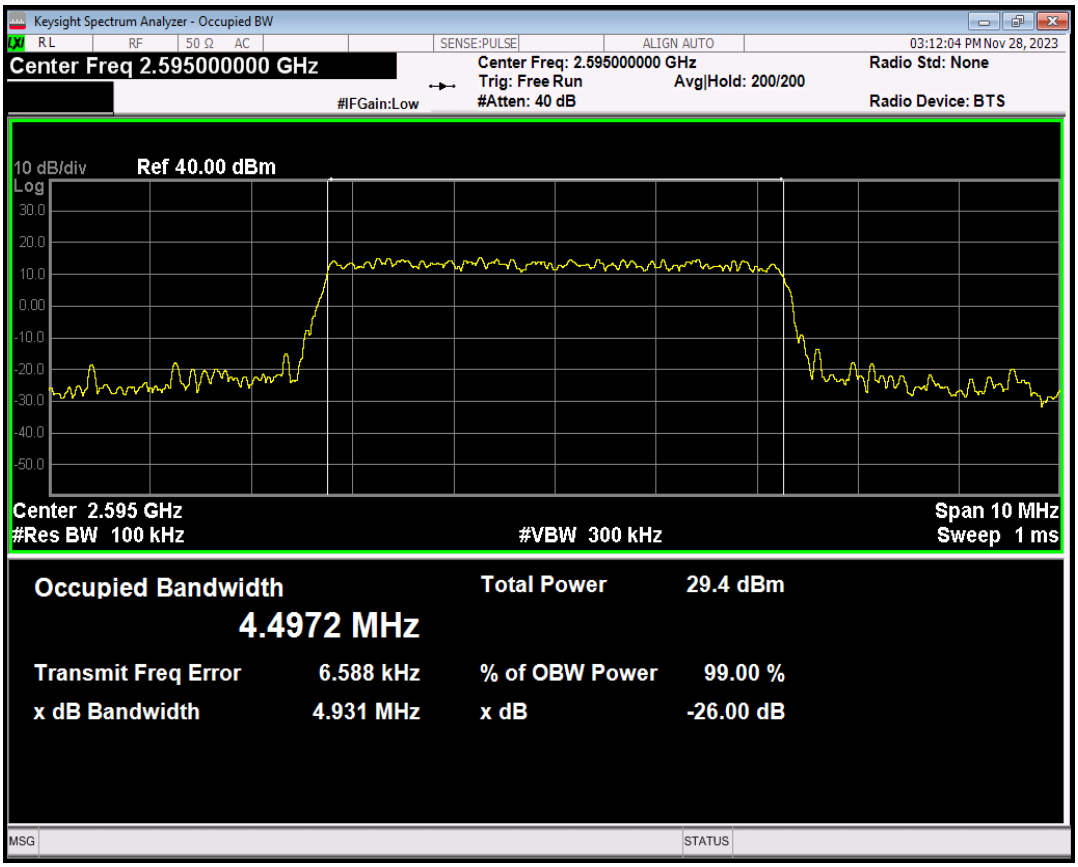
Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0



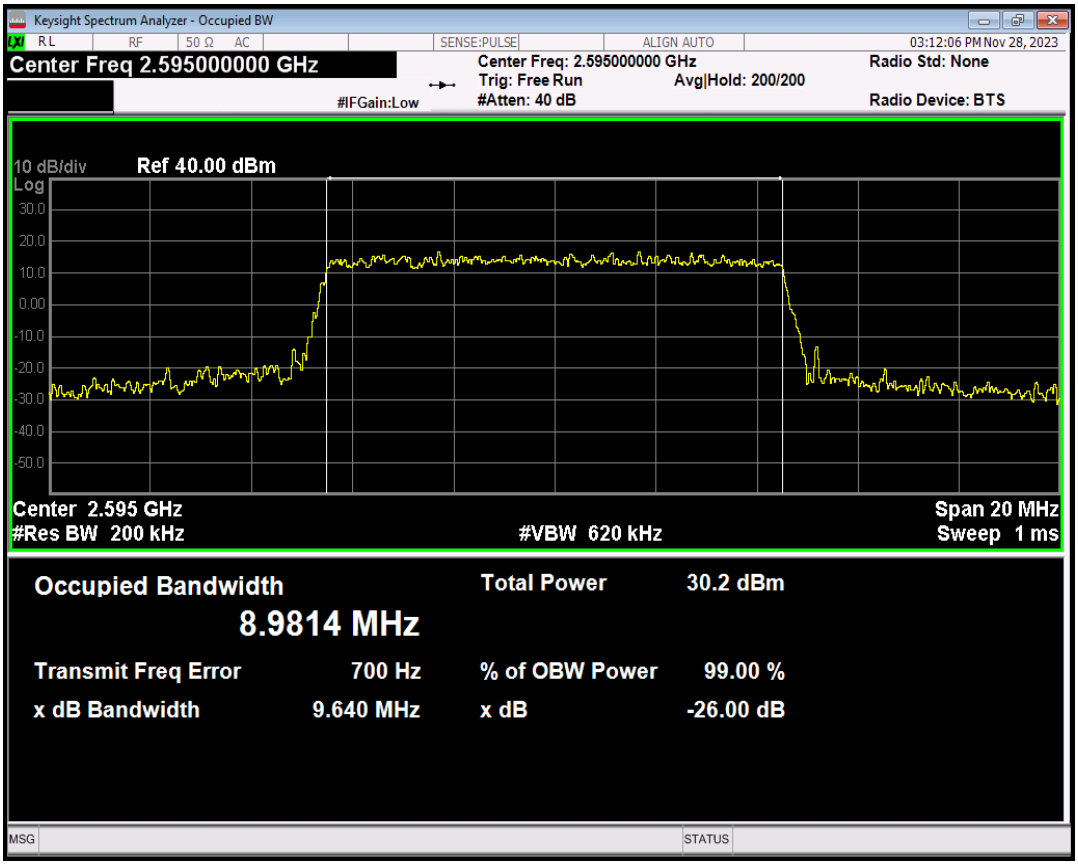
Band41(2535-2655) QPSK BW=5MHz Channel=40640 RB Size=25 Position=#0



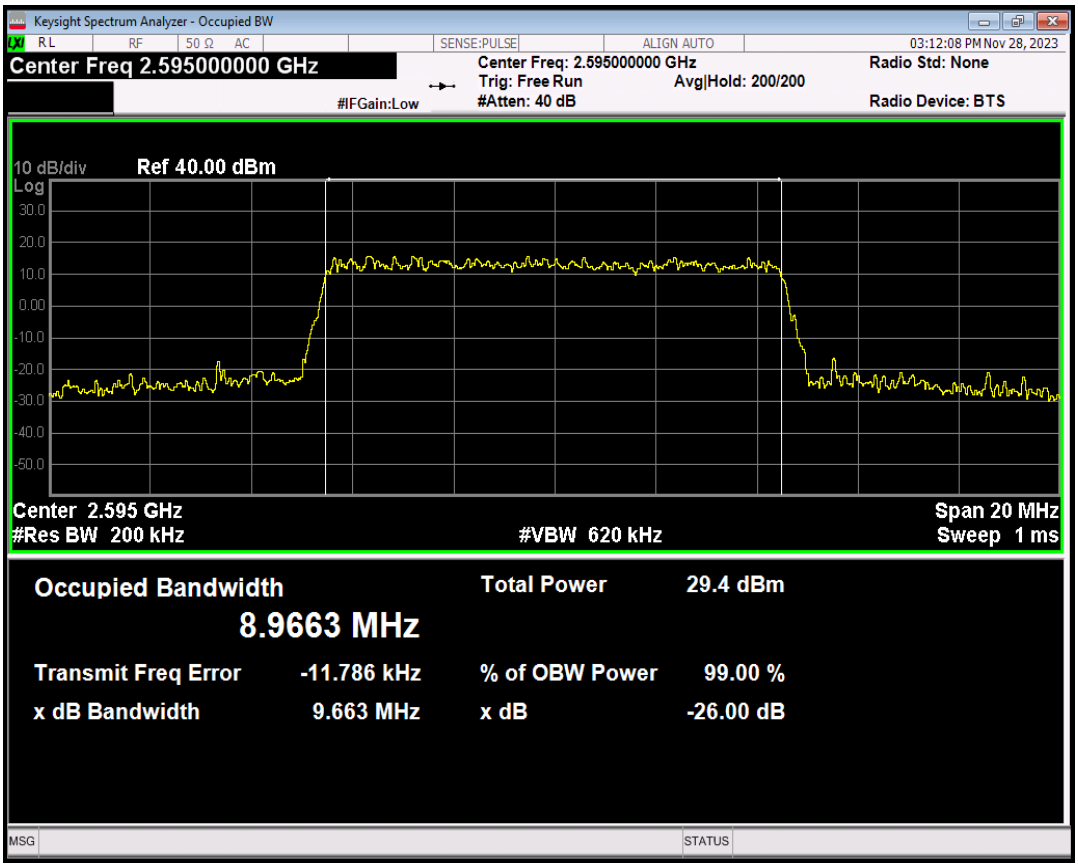
Band41(2535-2655) 16QAM BW=5MHz Channel=40640 RB Size=25 Position=#0



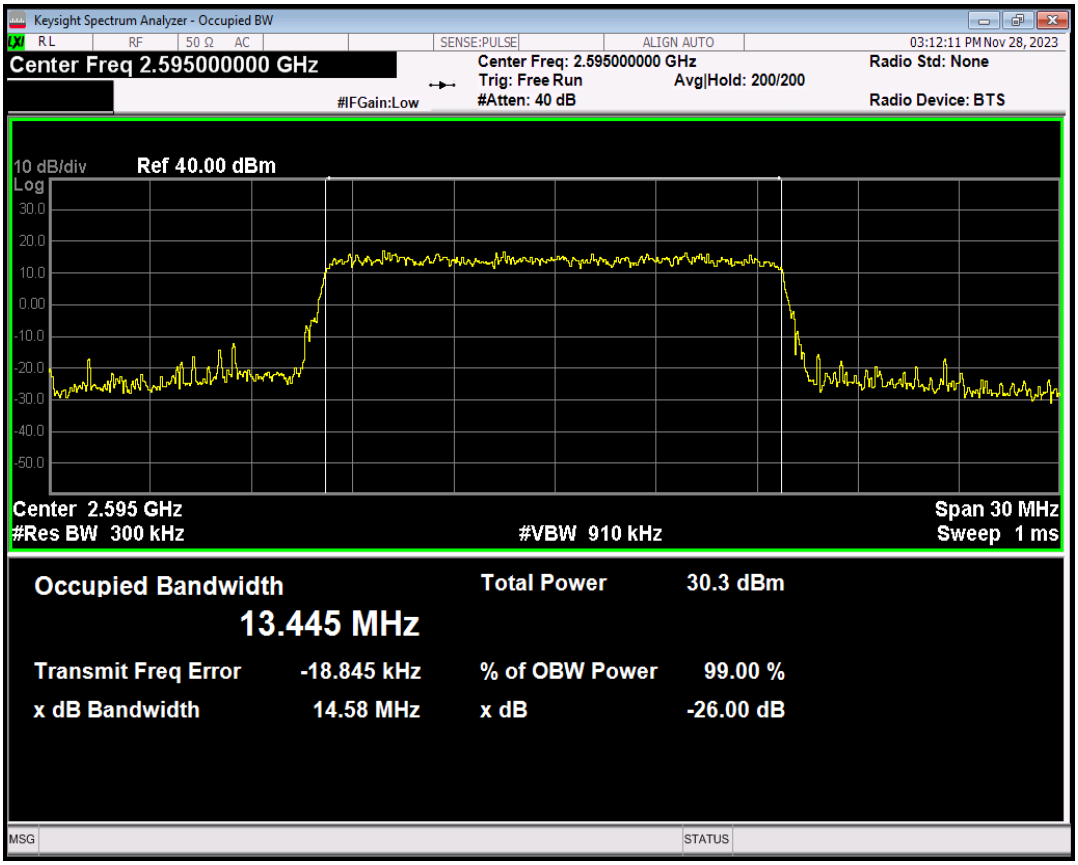
Band41(2535-2655) QPSK BW=10MHz Channel=40640 RB Size=50 Position=#0



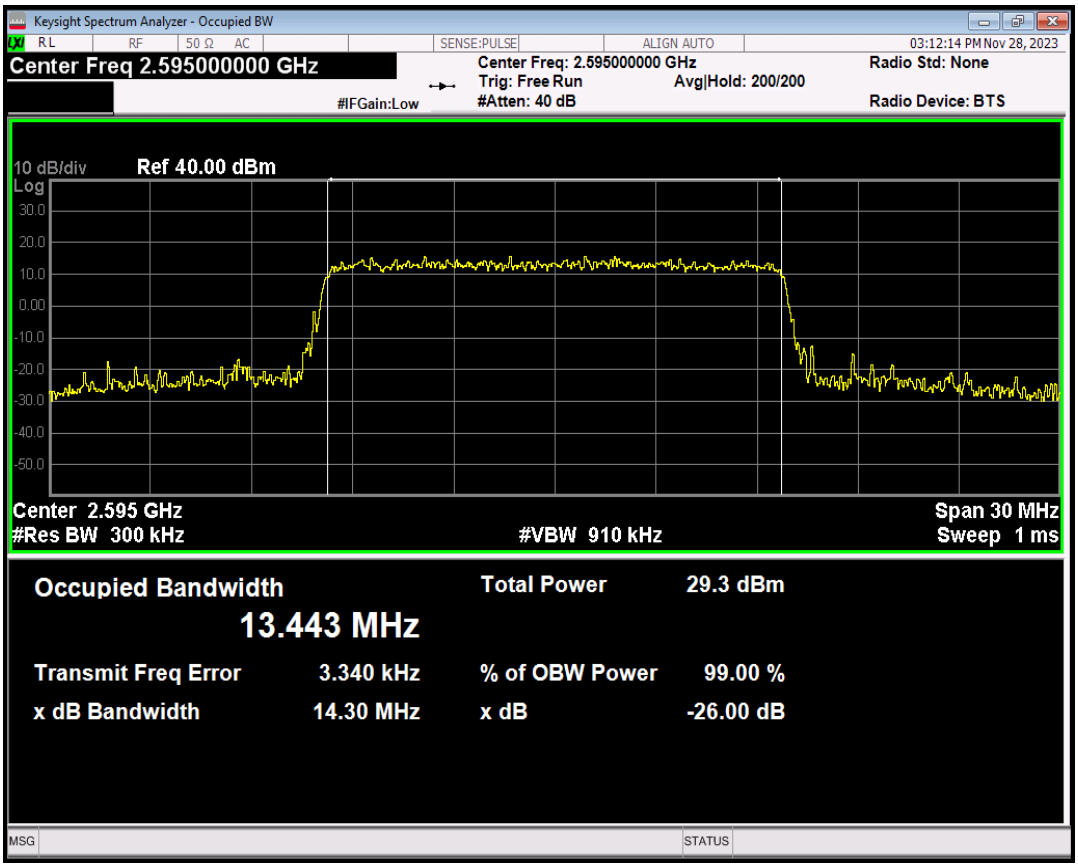
Band41(2535-2655) 16QAM BW=10MHz Channel=40640 RB Size=50 Position=#0



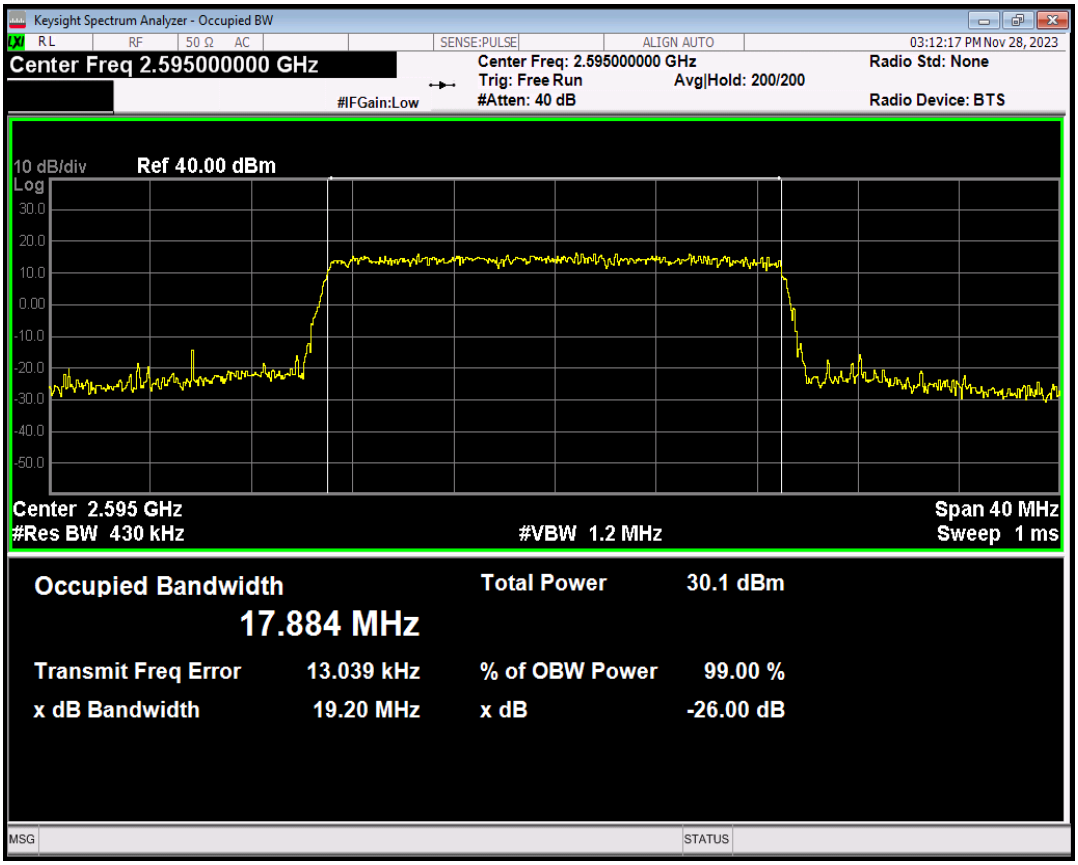
Band41(2535-2655) QPSK BW=15MHz Channel=40640 RB Size=75 Position=#0



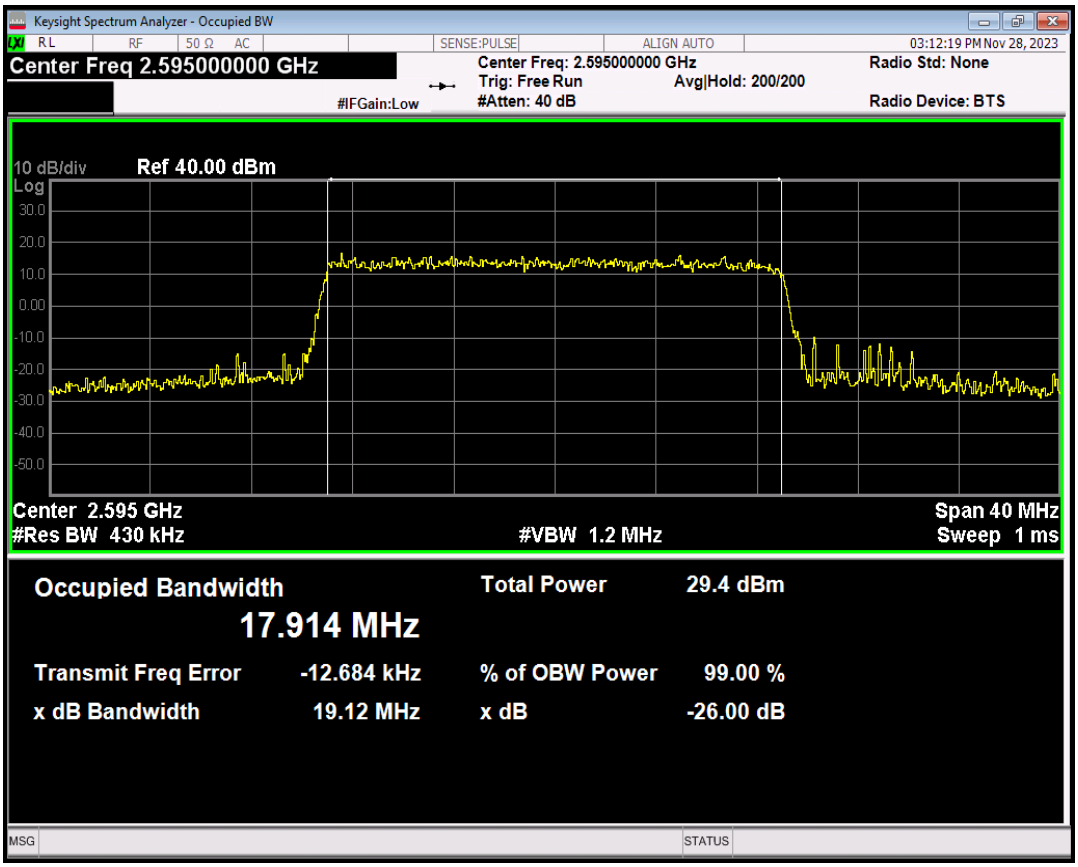
Band41(2535-2655) 16QAM BW=15MHz Channel=40640 RB Size=75 Position=#0



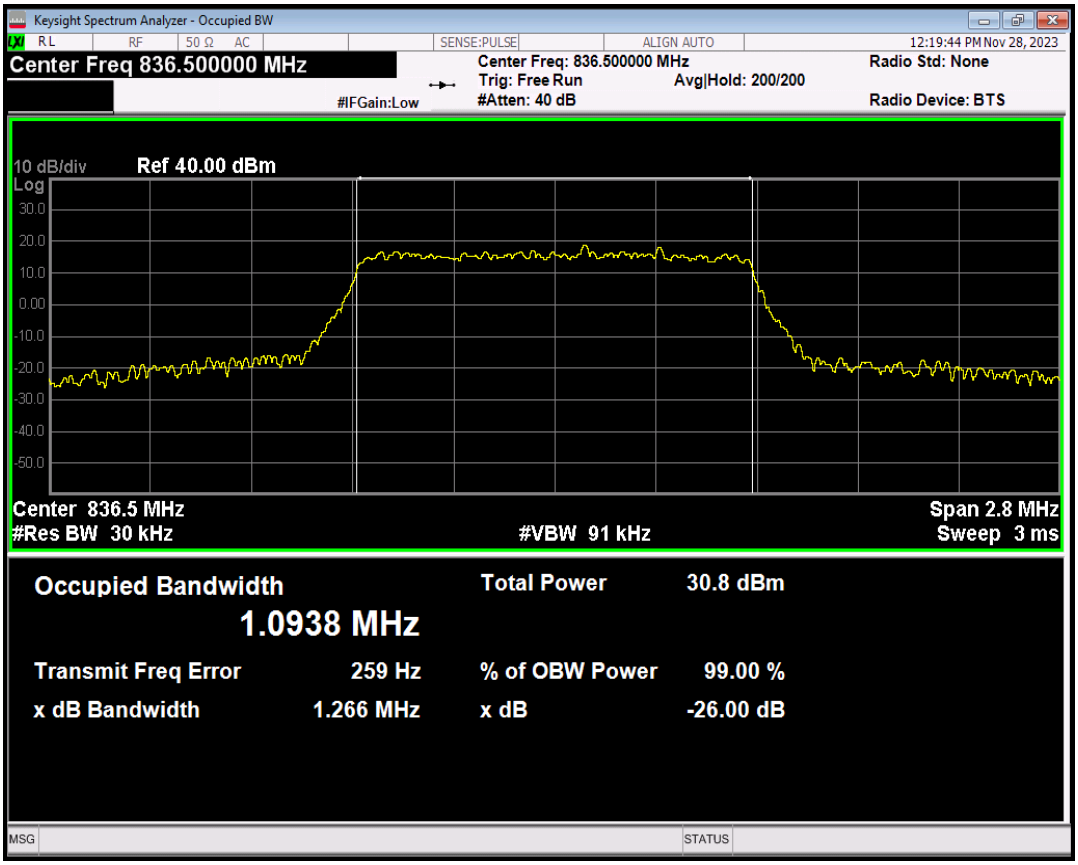
Band41(2535-2655) QPSK BW=20MHz Channel=40640 RB Size=100 Position=#0



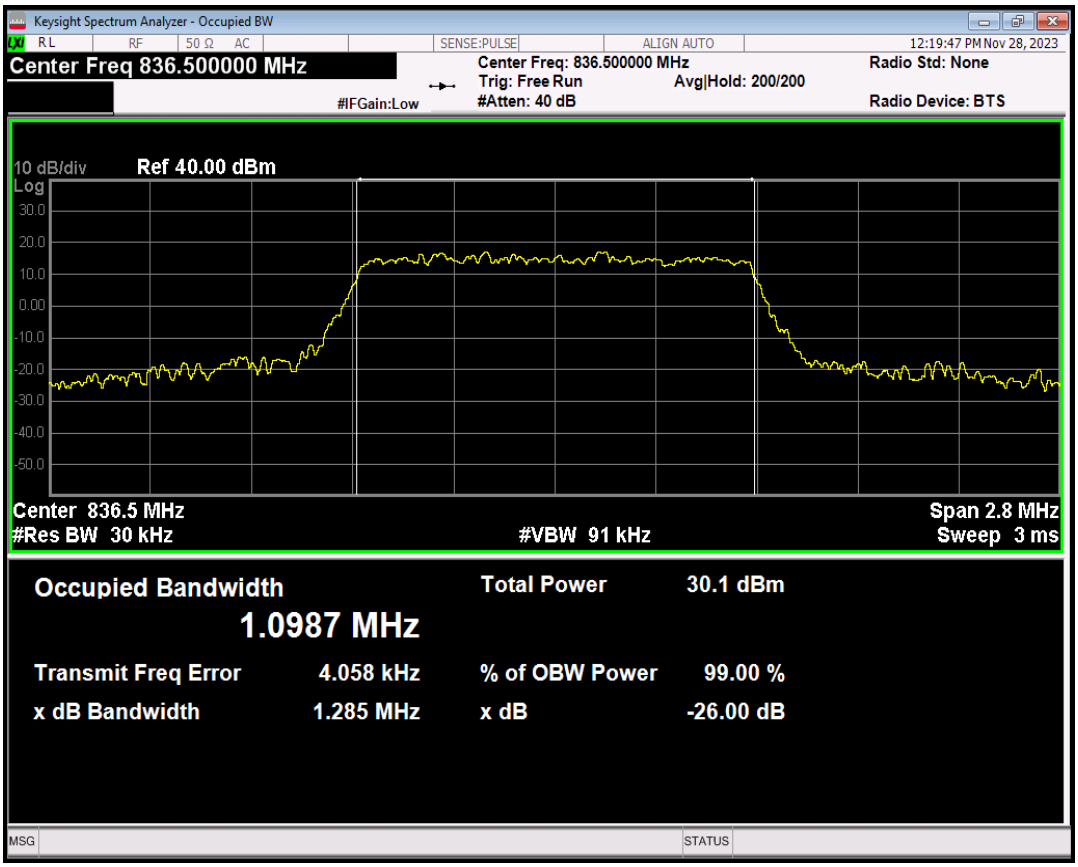
Band41(2535-2655) 16QAM BW=20MHz Channel=40640 RB Size=100 Position=#0



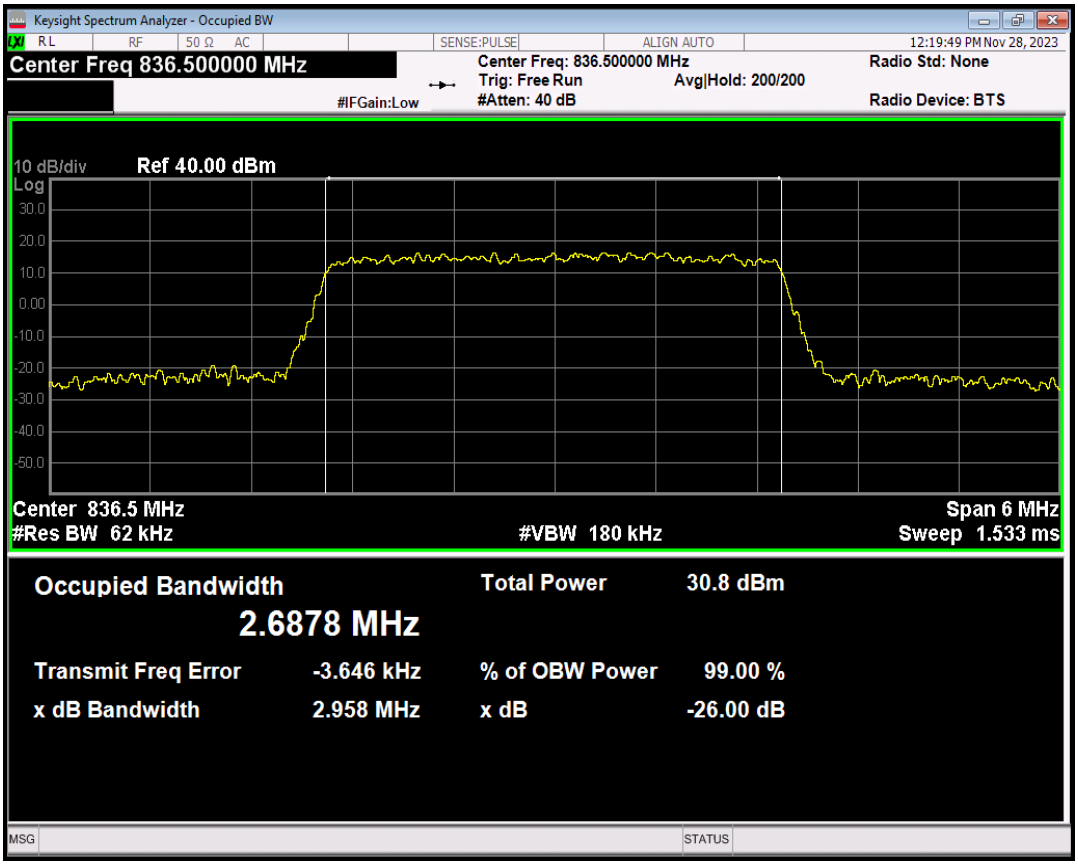
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



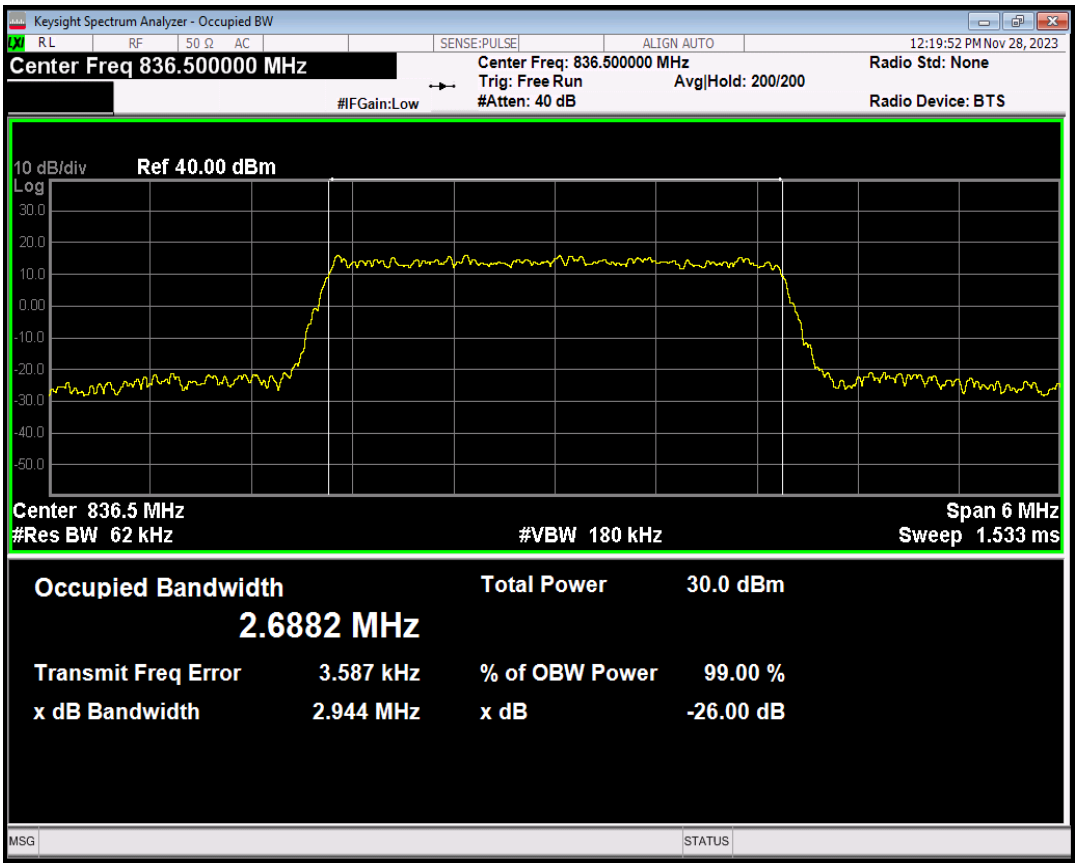
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



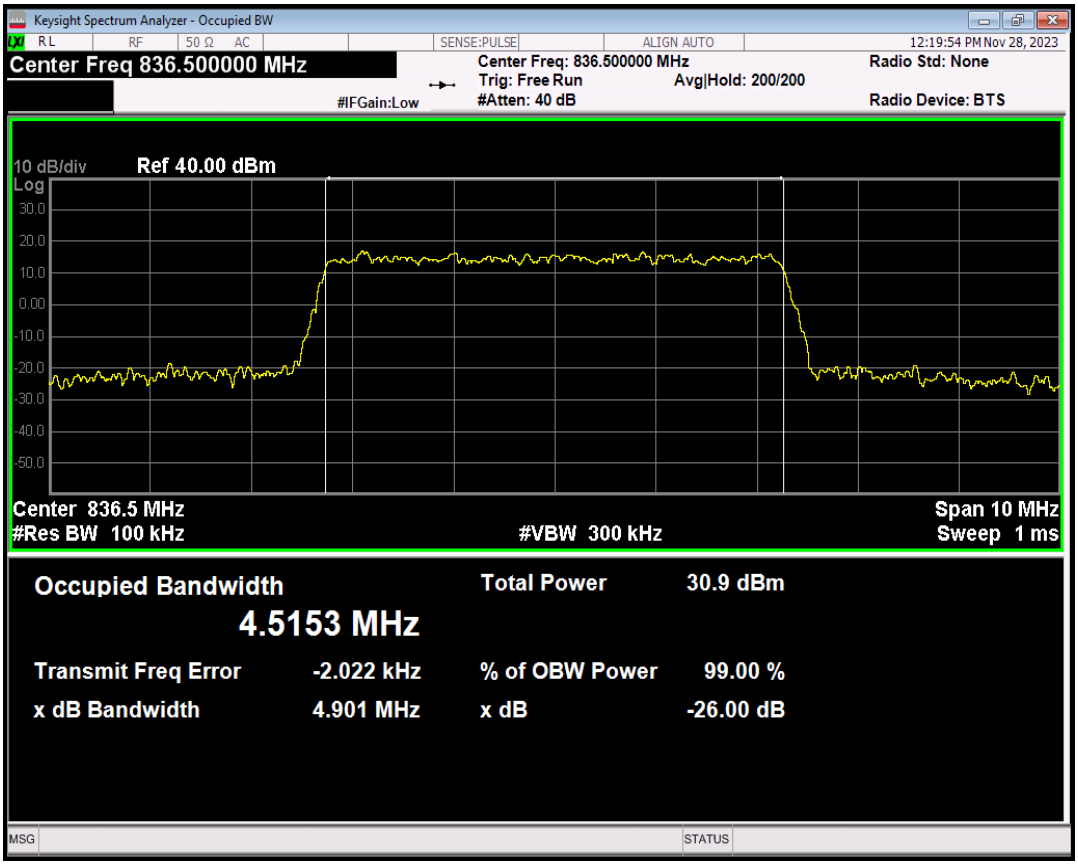
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



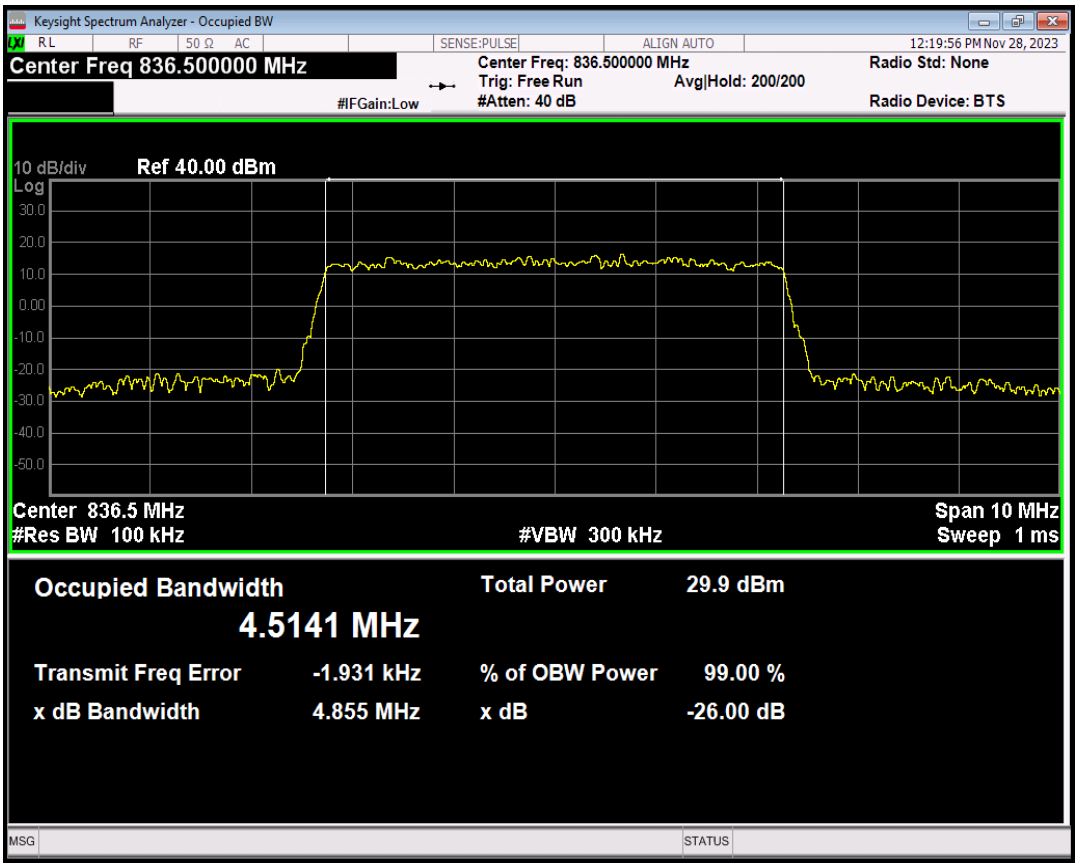
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



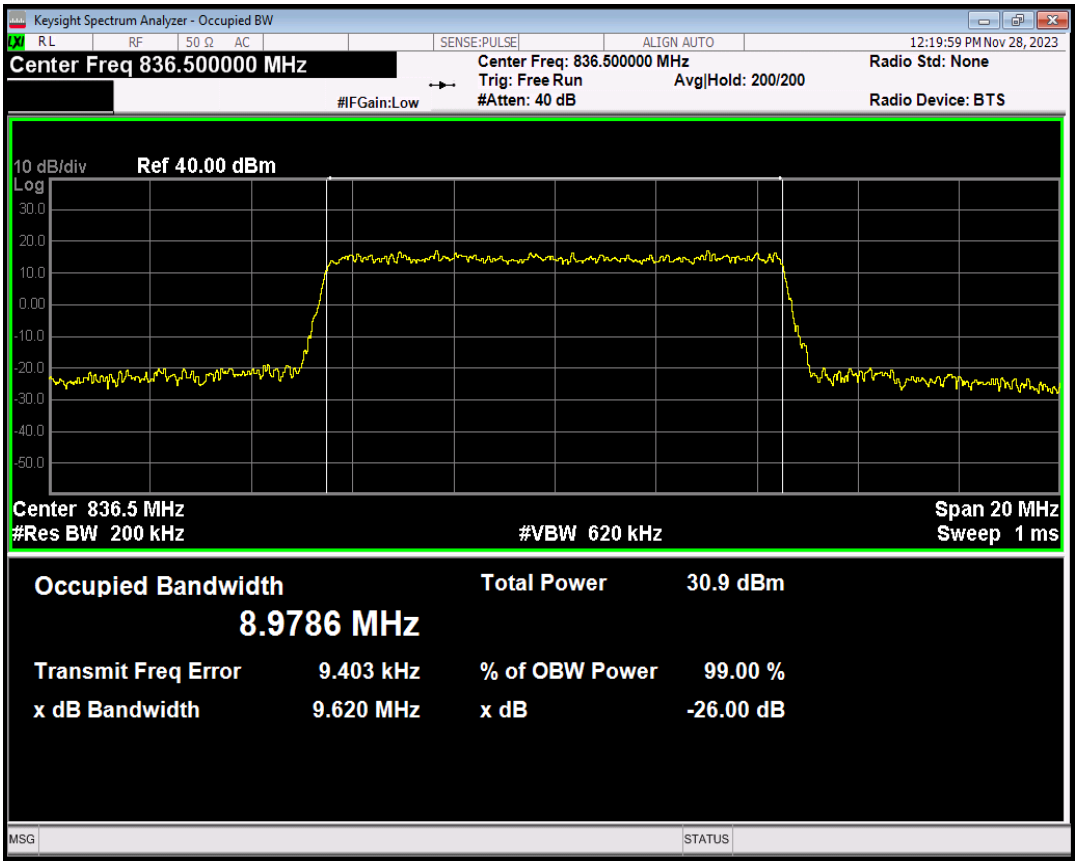
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



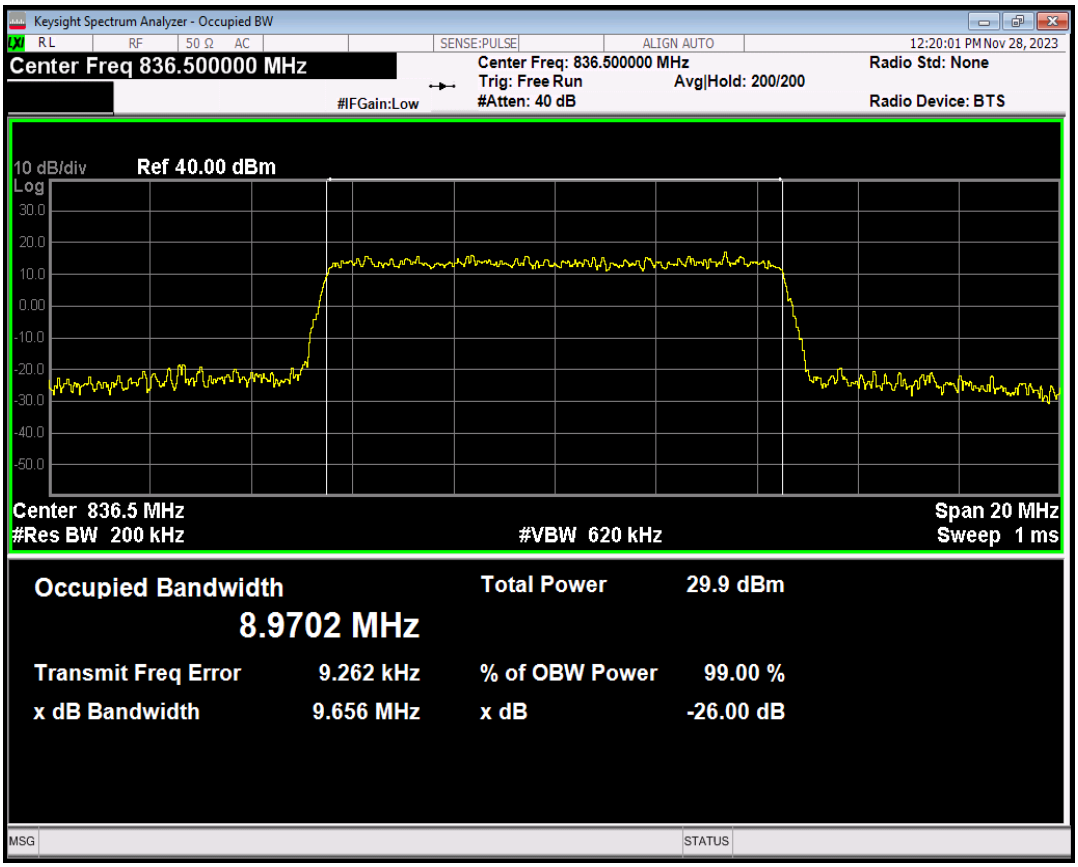
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



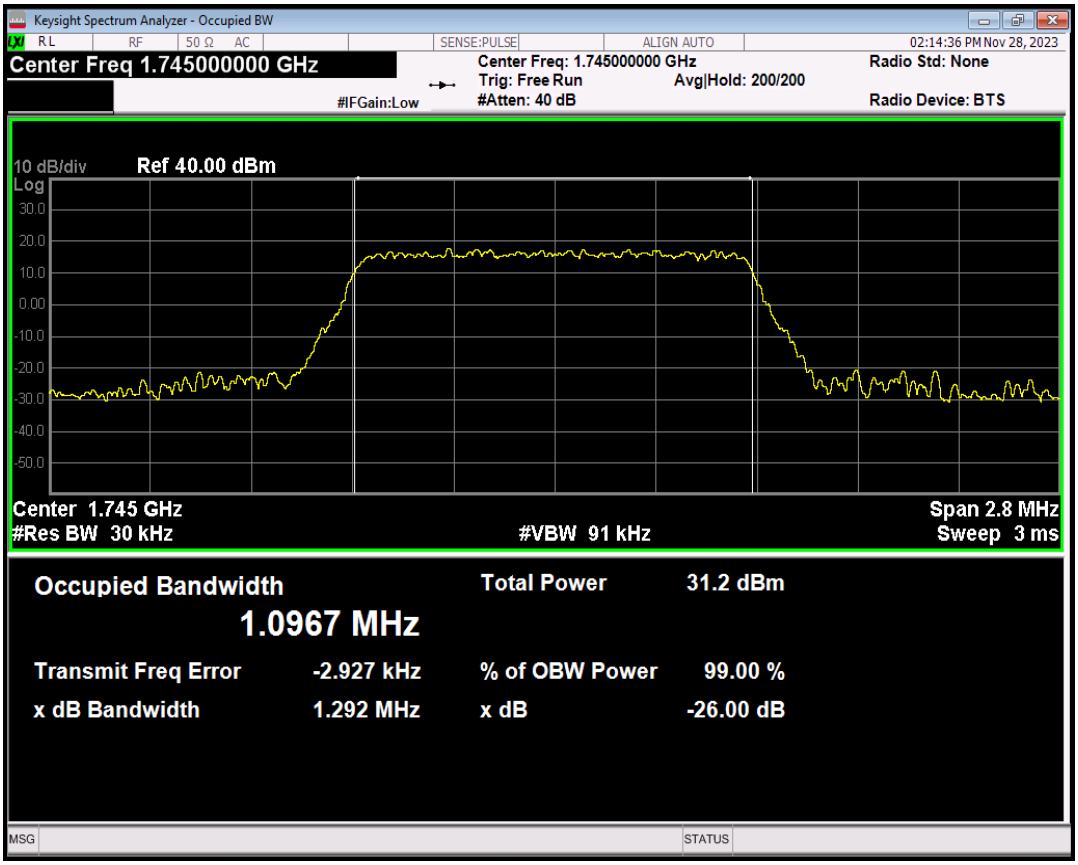
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



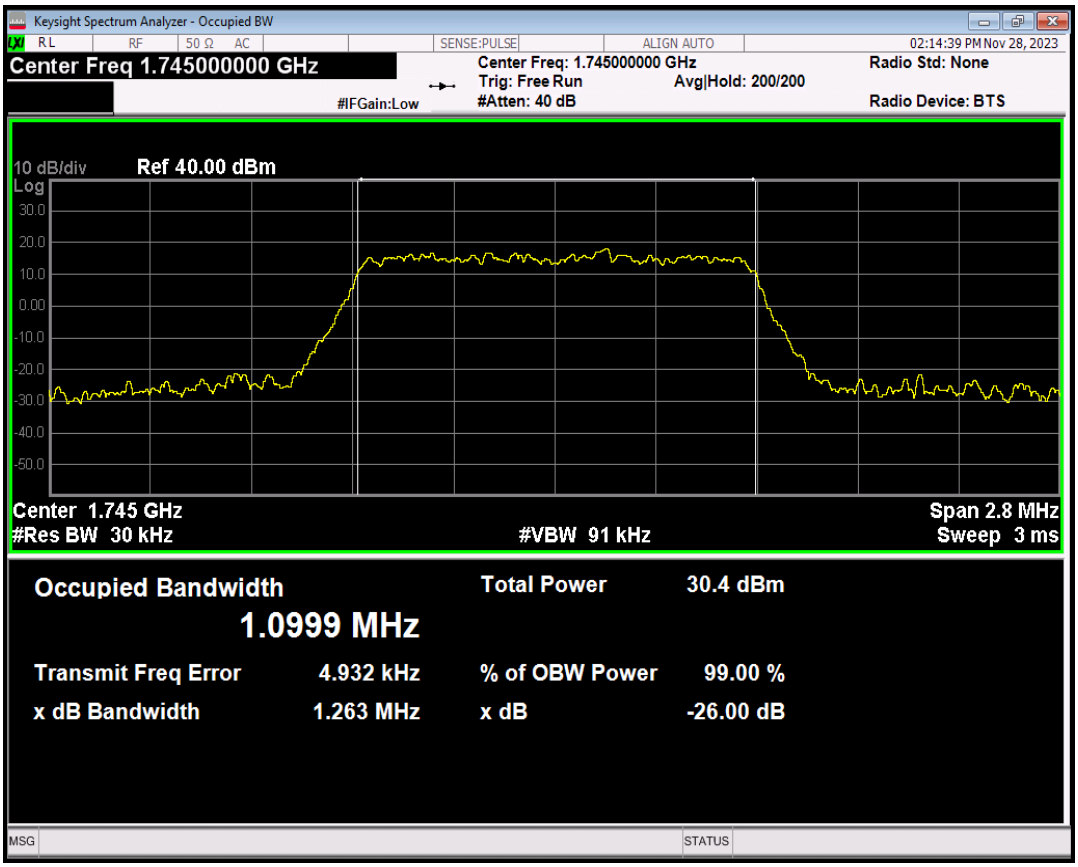
Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0



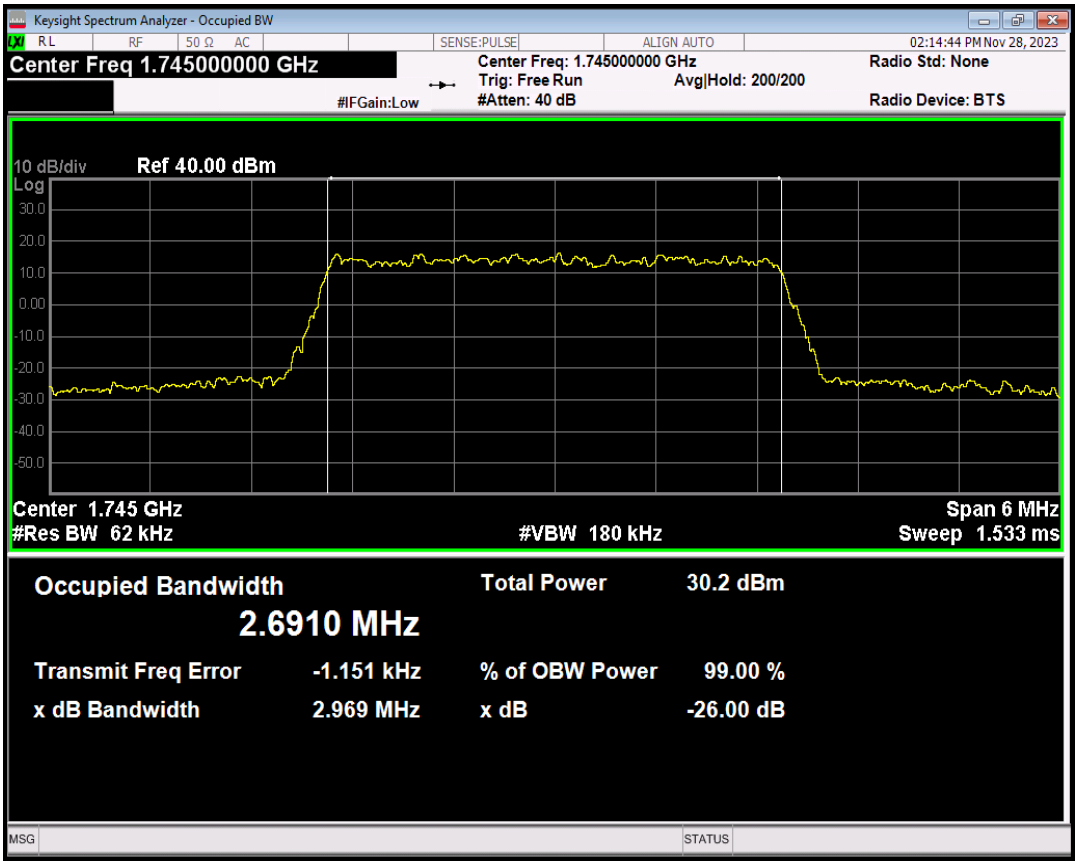
Band66 QPSK BW=1.4MHz Channel=132322 RB Size=6 Position=#0



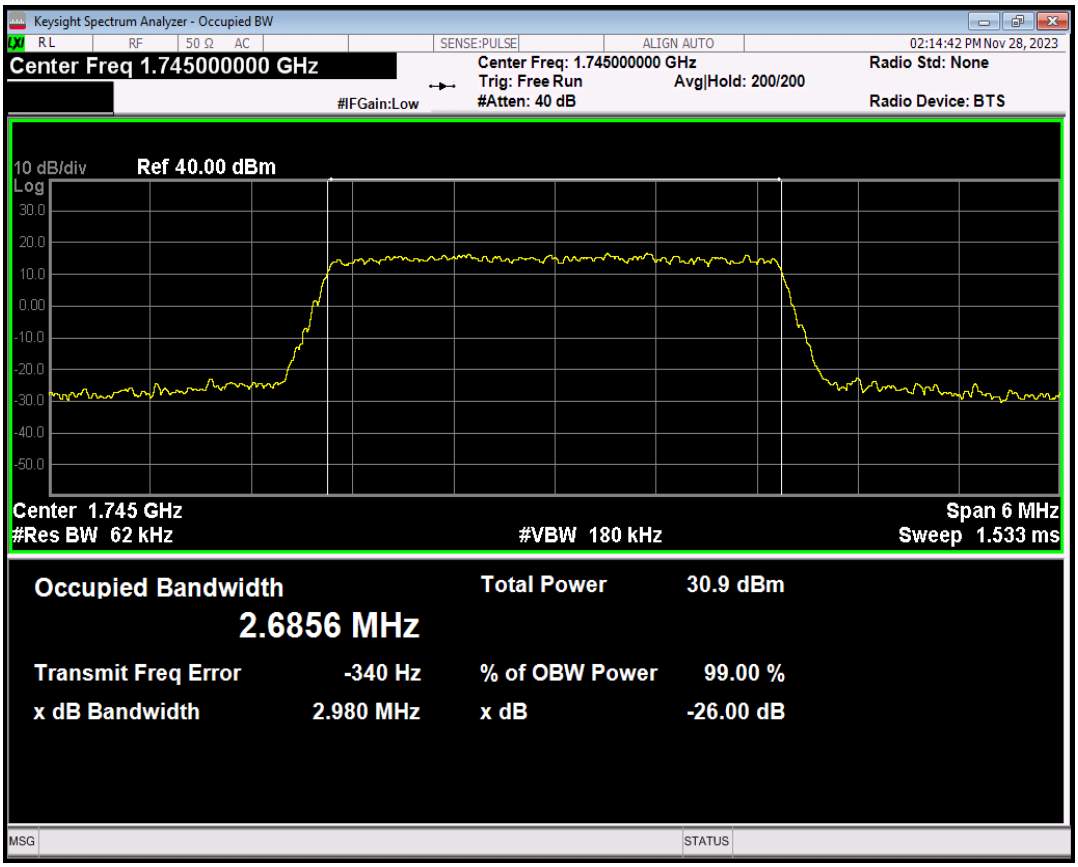
Band66 16QAM BW=1.4MHz Channel=132322 RB Size=6 Position=#0



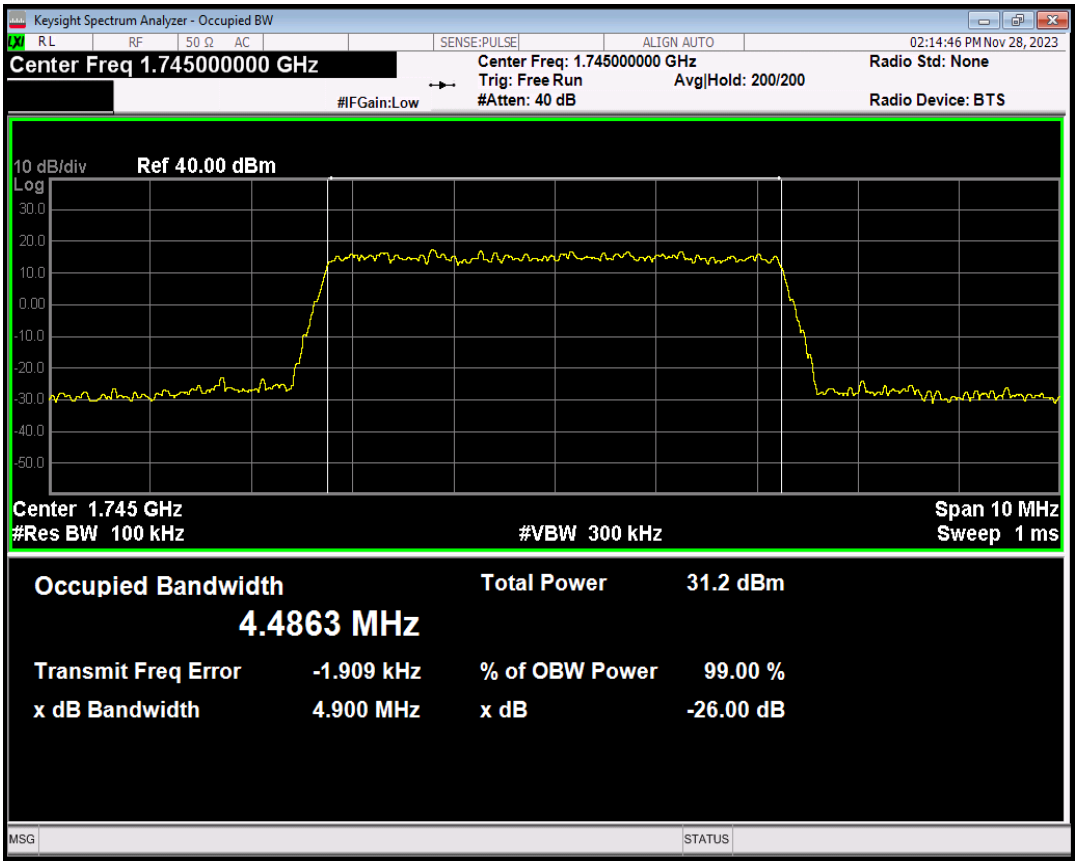
Band66 16QAM BW=3MHz Channel=132322 RB Size=15 Position=#0



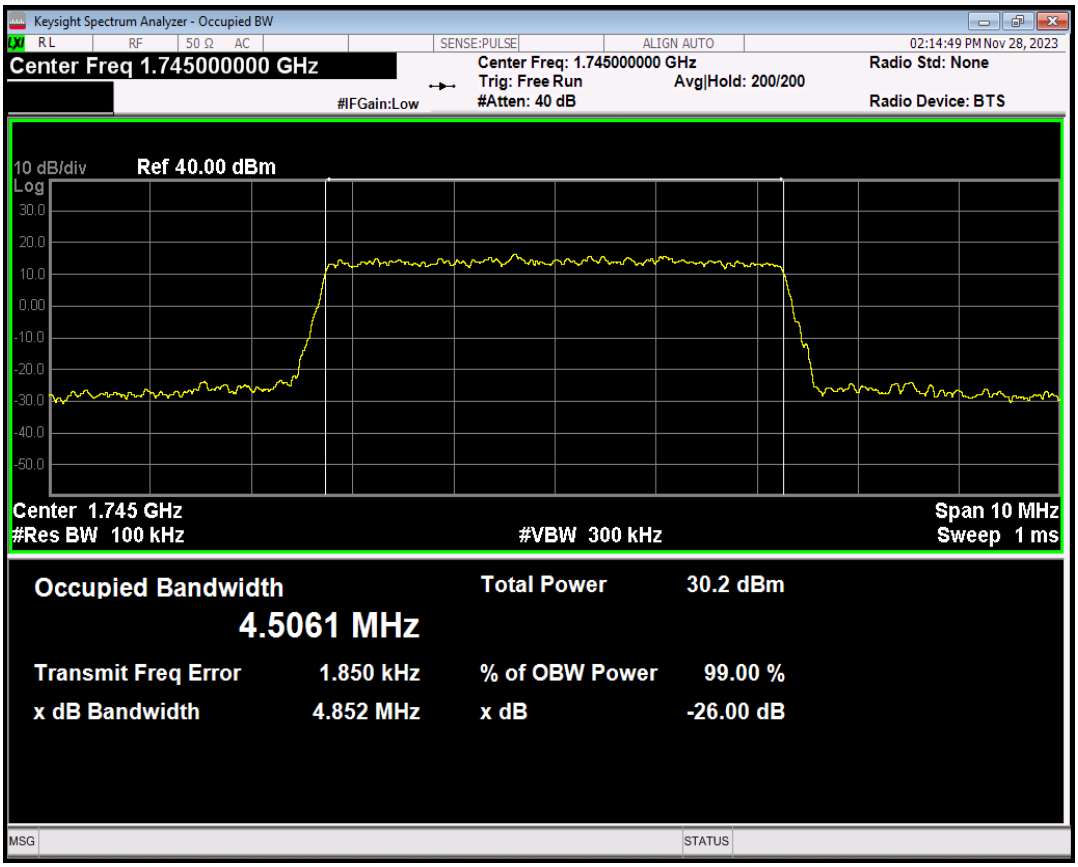
Band66 QPSK BW=3MHz Channel=132322 RB Size=15 Position=#0



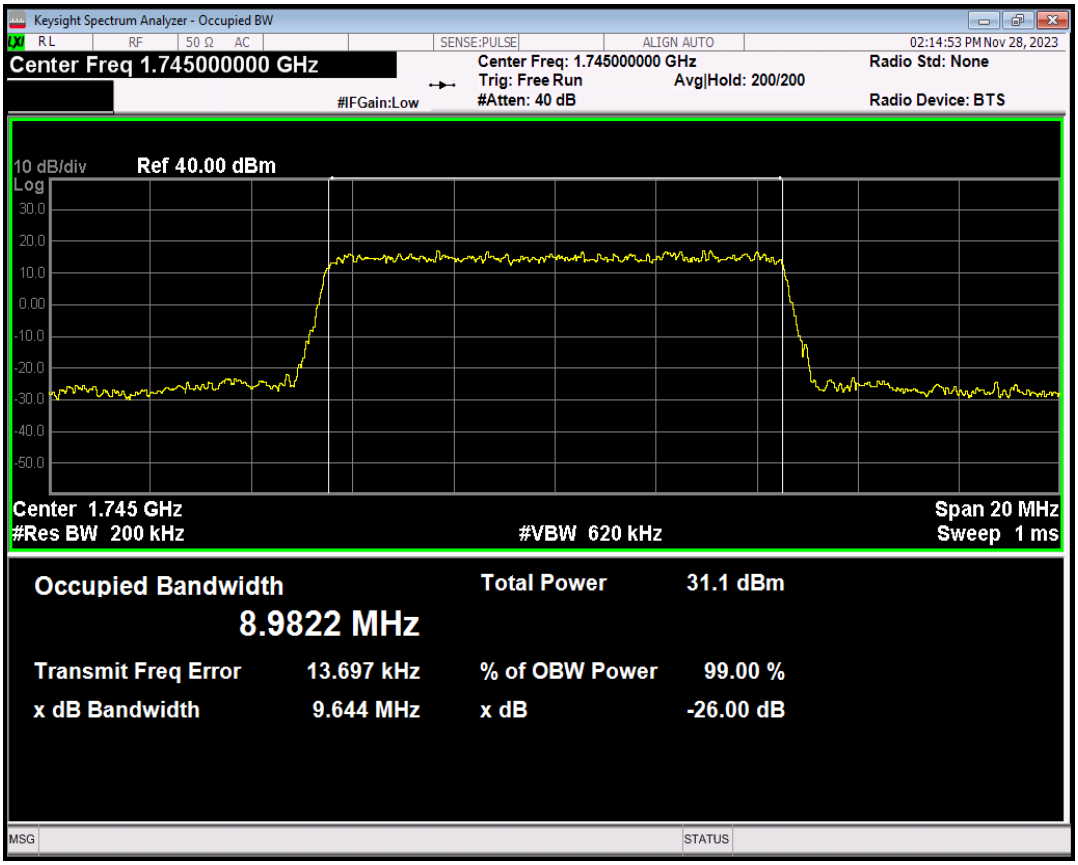
Band66 QPSK BW=5MHz Channel=132322 RB Size=25 Position=#0



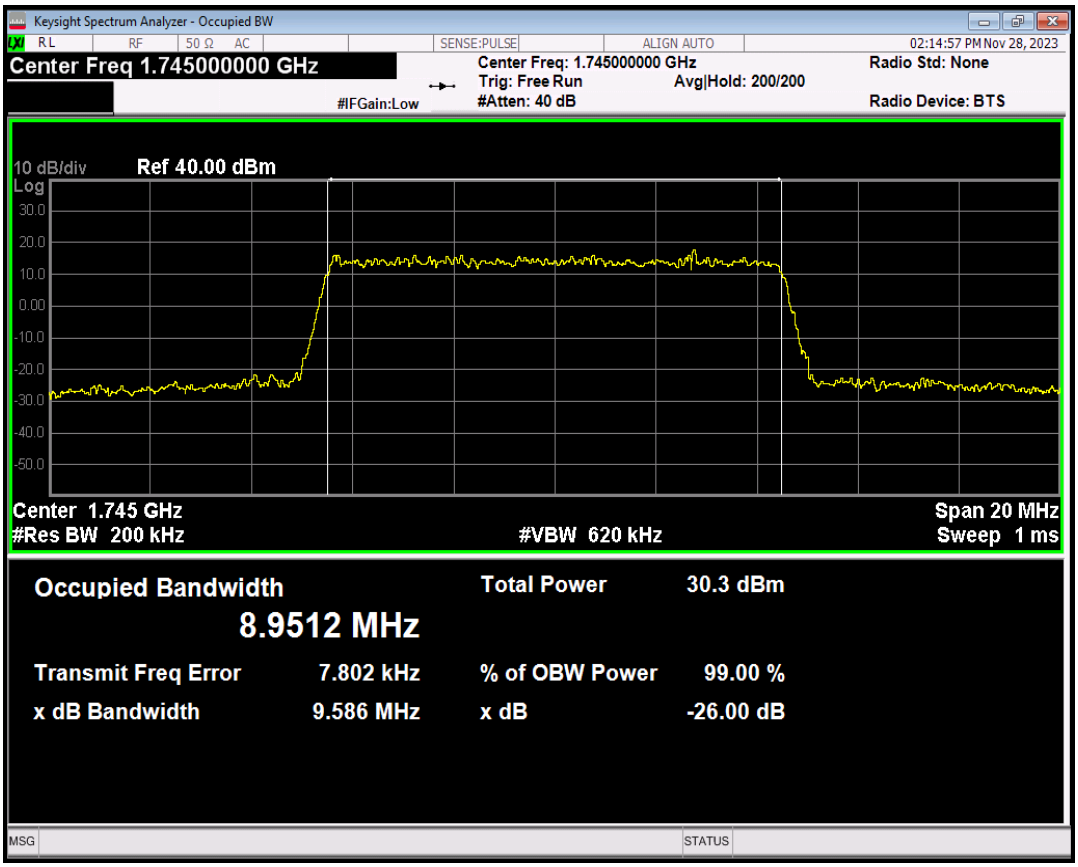
Band66 16QAM BW=5MHz Channel=132322 RB Size=25 Position=#0



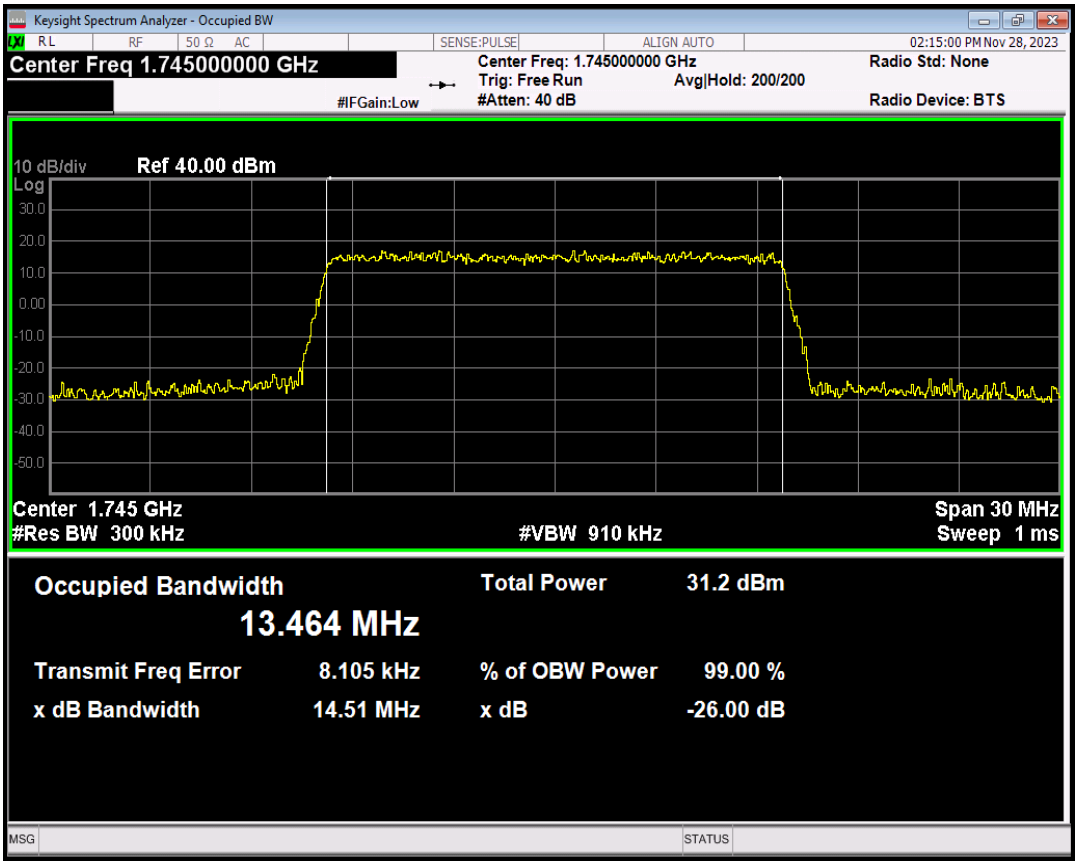
Band66 QPSK BW=10MHz Channel=132322 RB Size=50 Position=#0



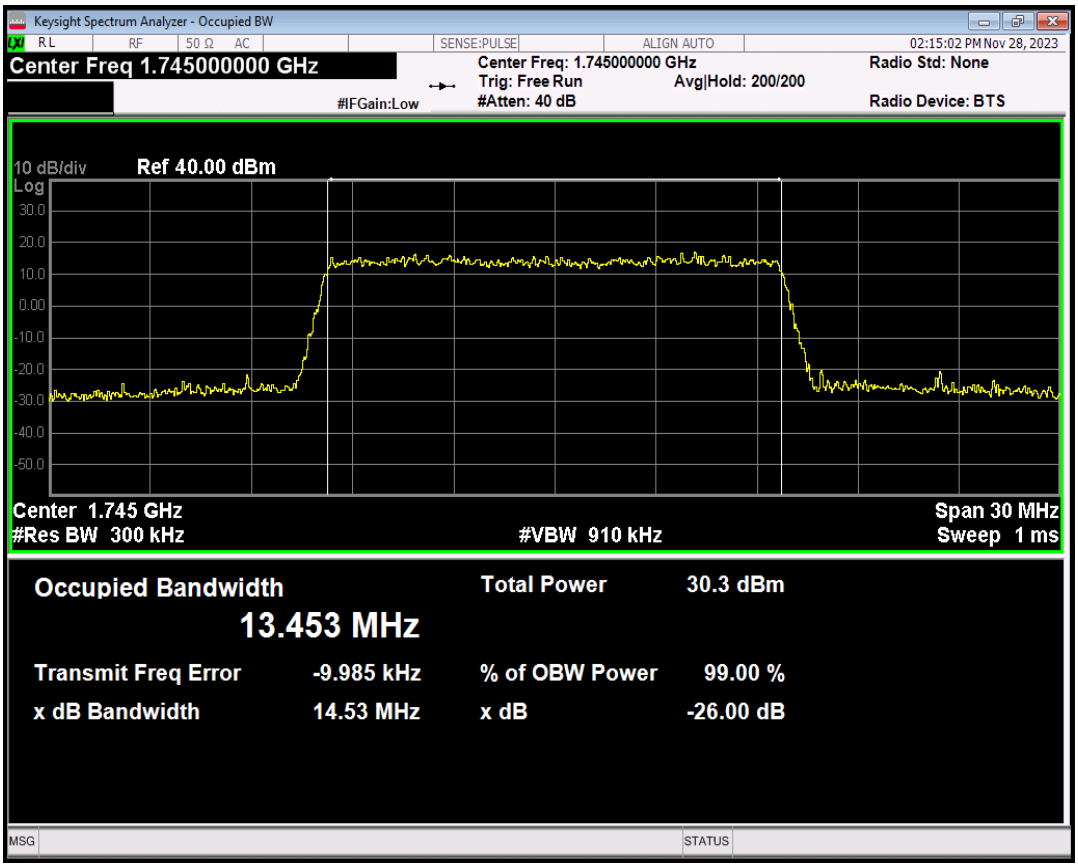
Band66 16QAM BW=10MHz Channel=132322 RB Size=50 Position=#0



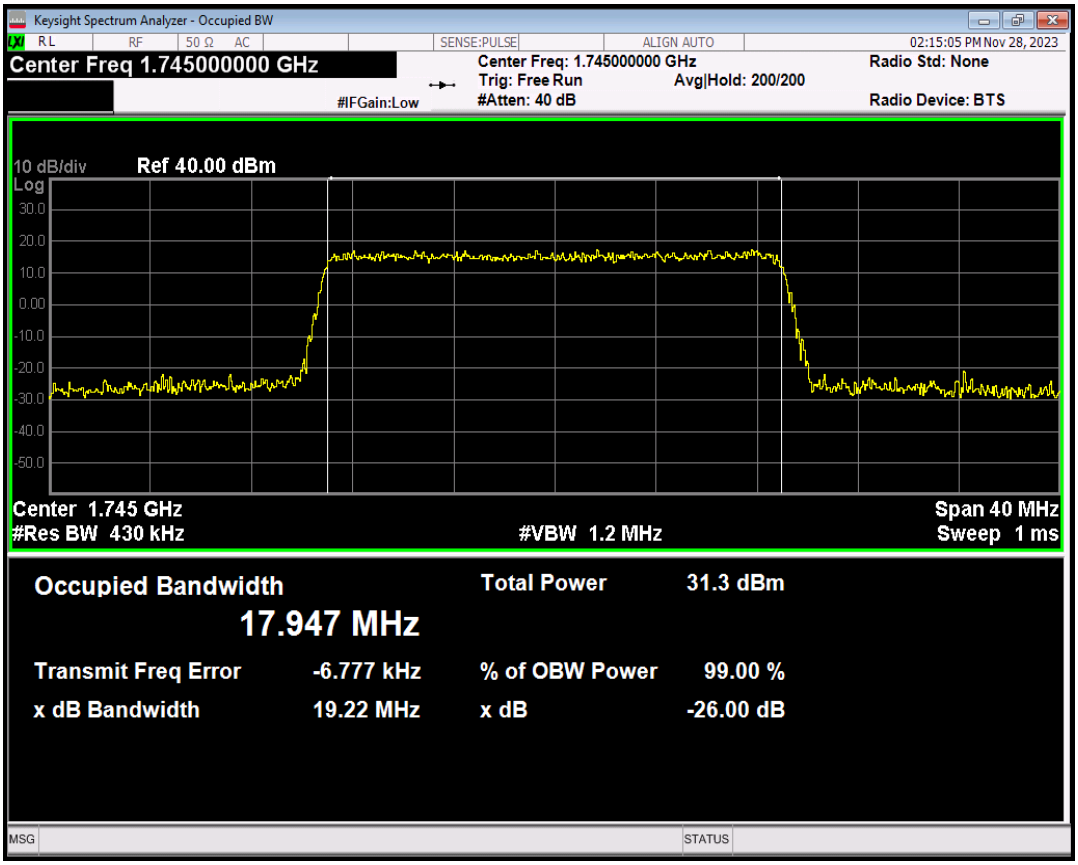
Band66 QPSK BW=15MHz Channel=132322 RB Size=75 Position=#0



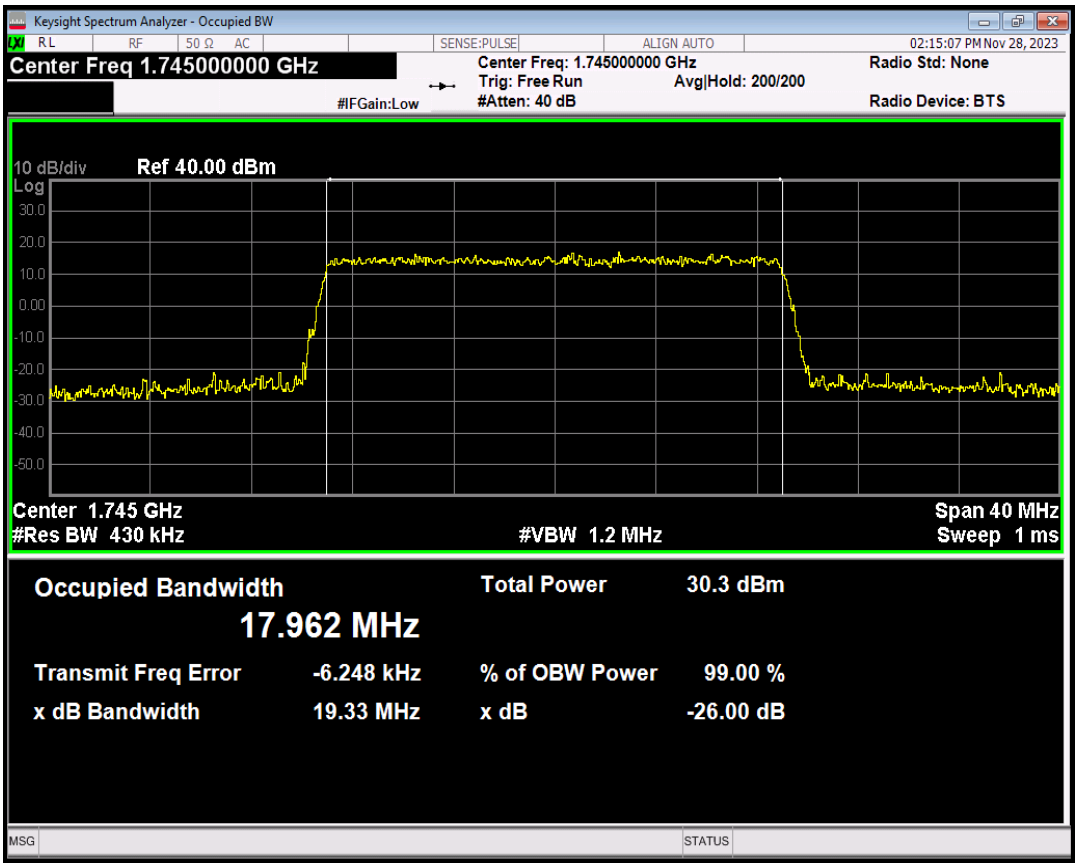
Band66 16QAM BW=15MHz Channel=132322 RB Size=75 Position=#0



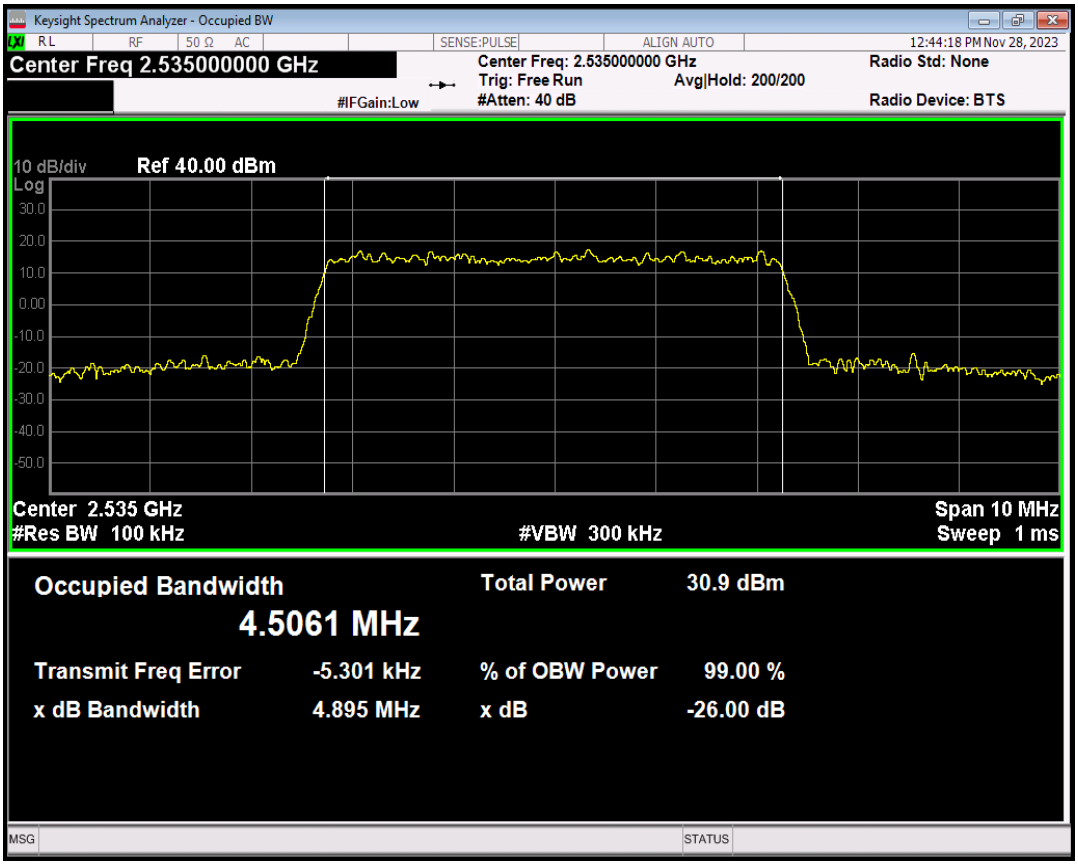
Band66 QPSK BW=20MHz Channel=132322 RB Size=100 Position=#0



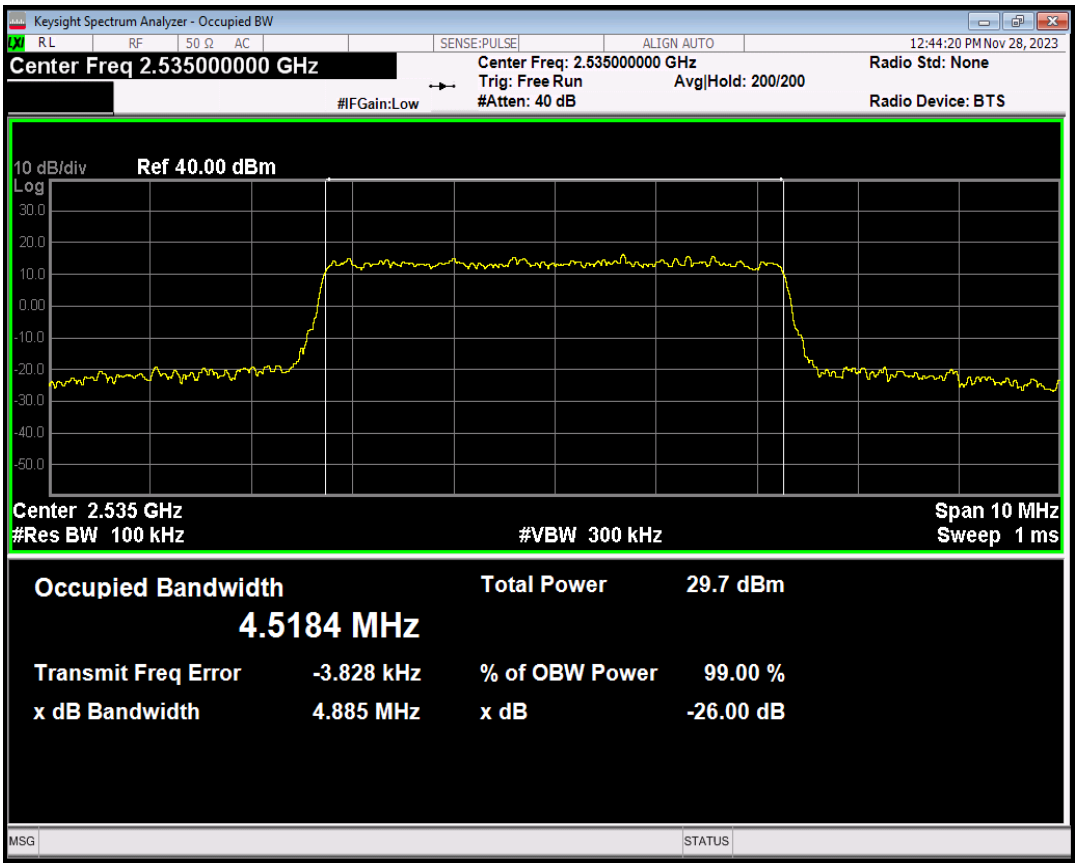
Band66 16QAM BW=20MHz Channel=132322 RB Size=100 Position=#0



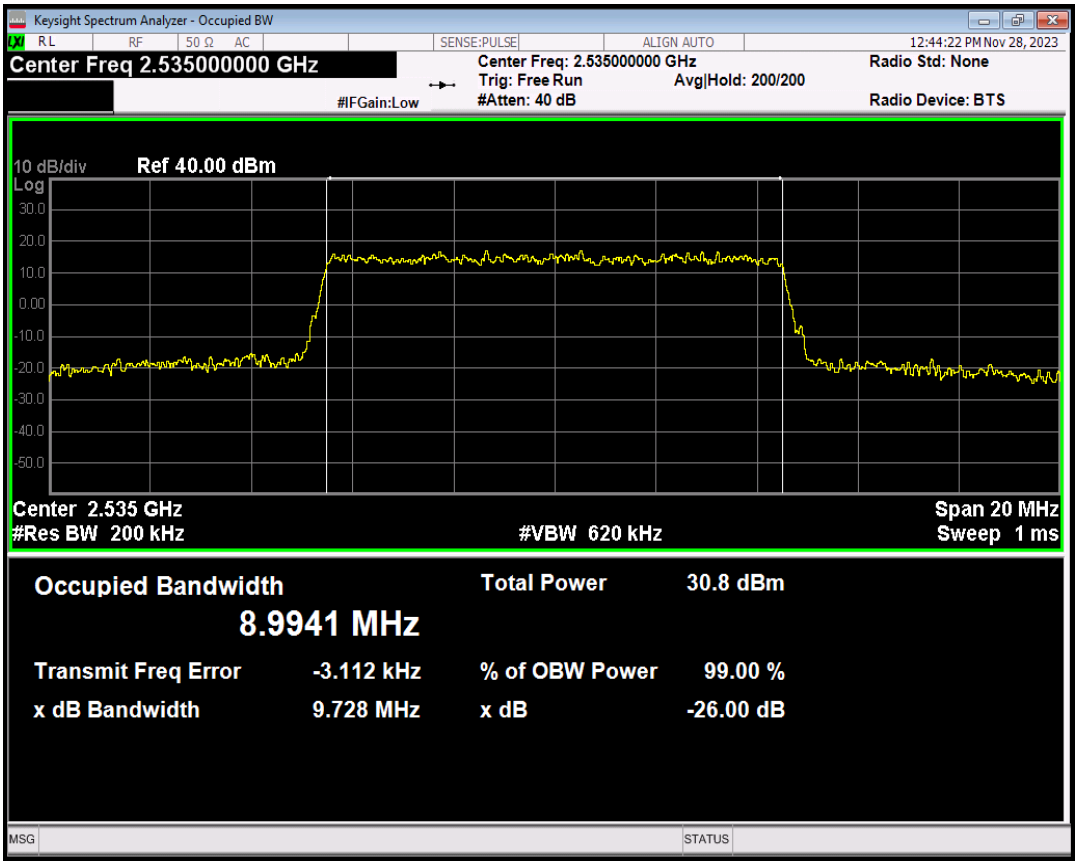
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



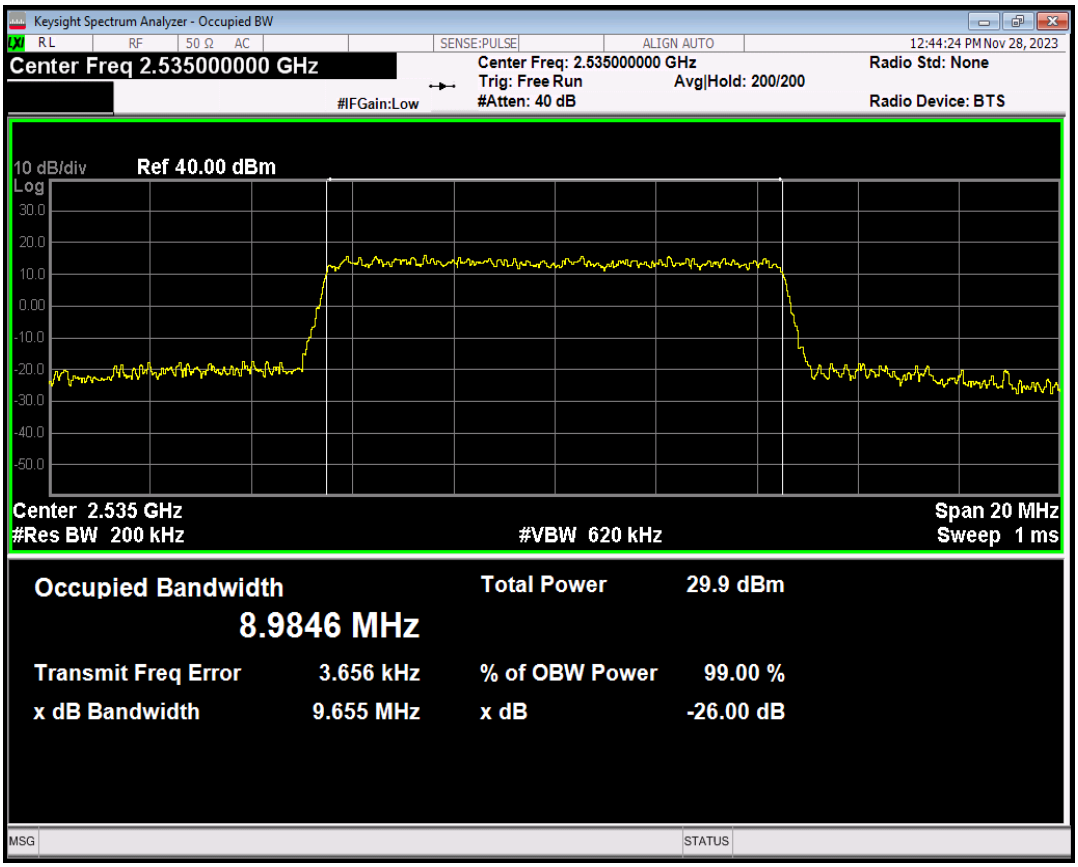
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0



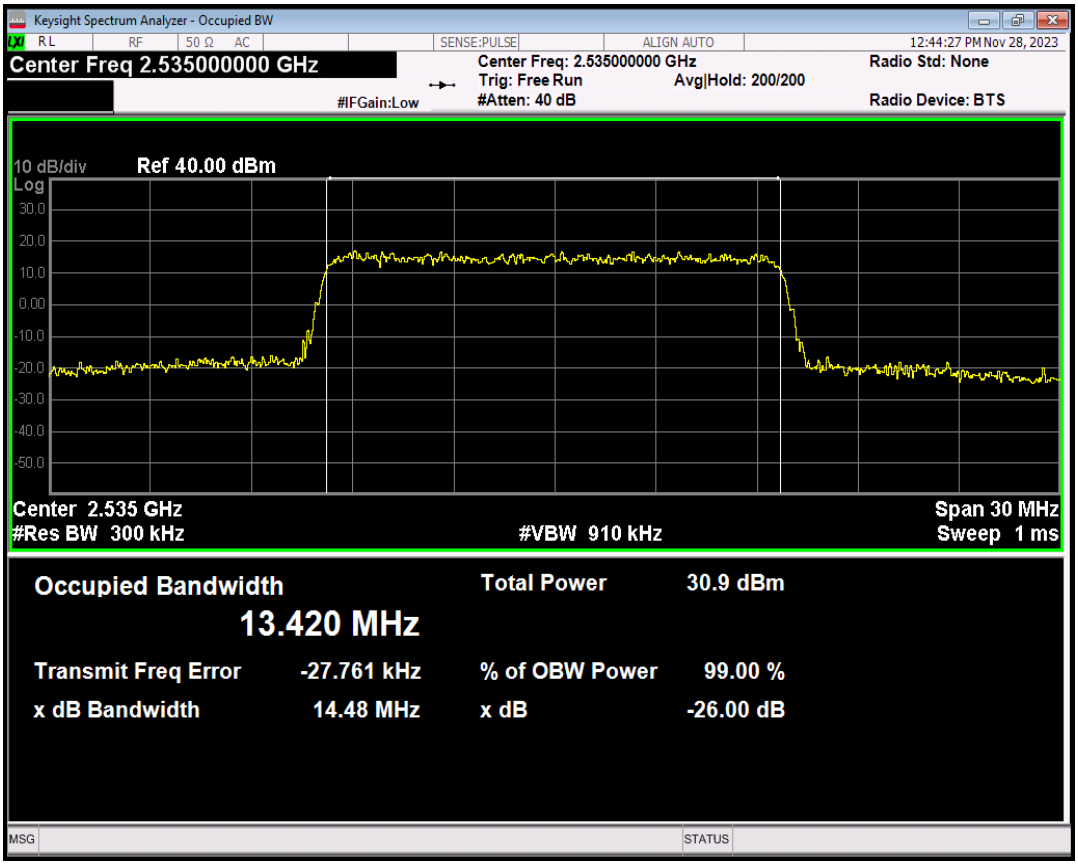
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



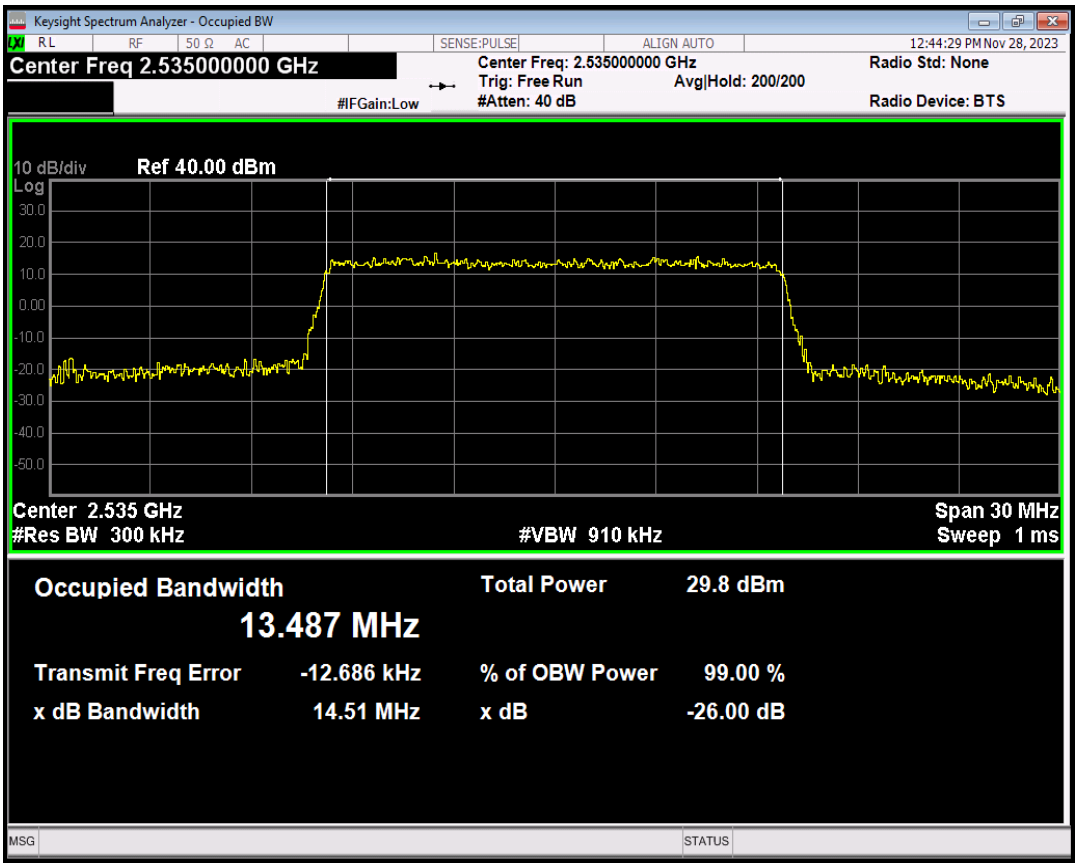
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0



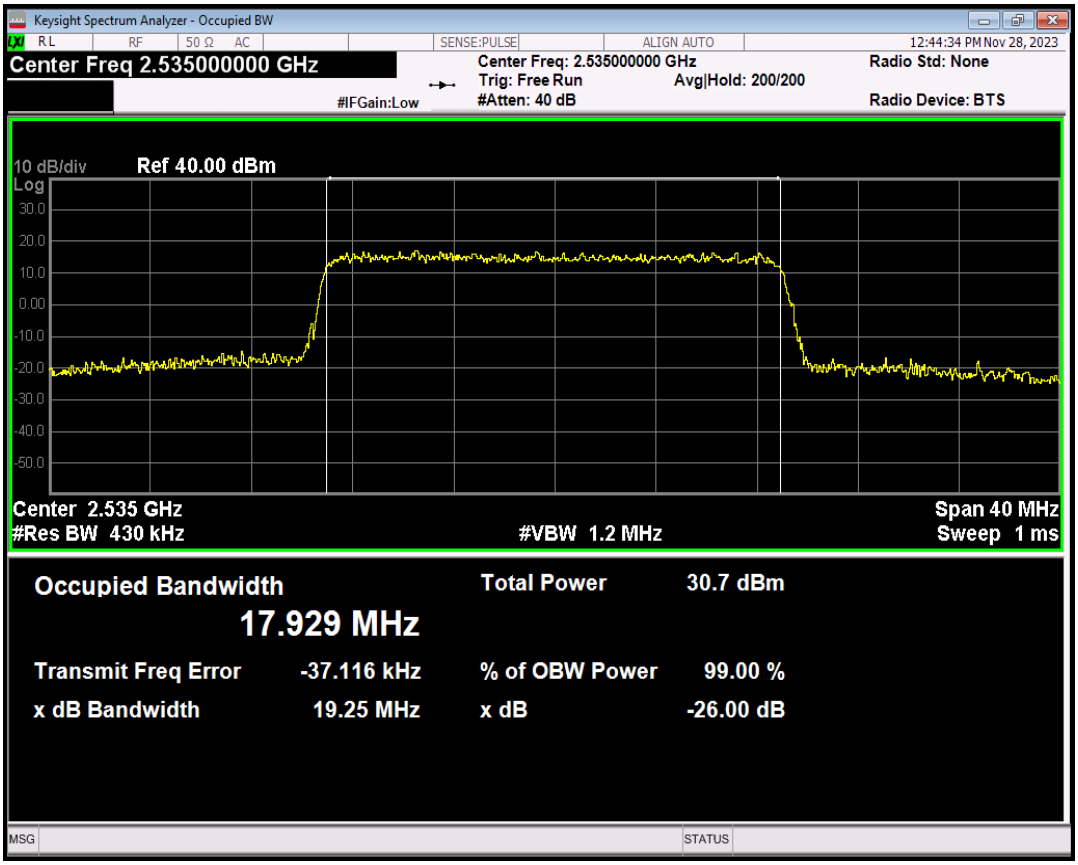
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



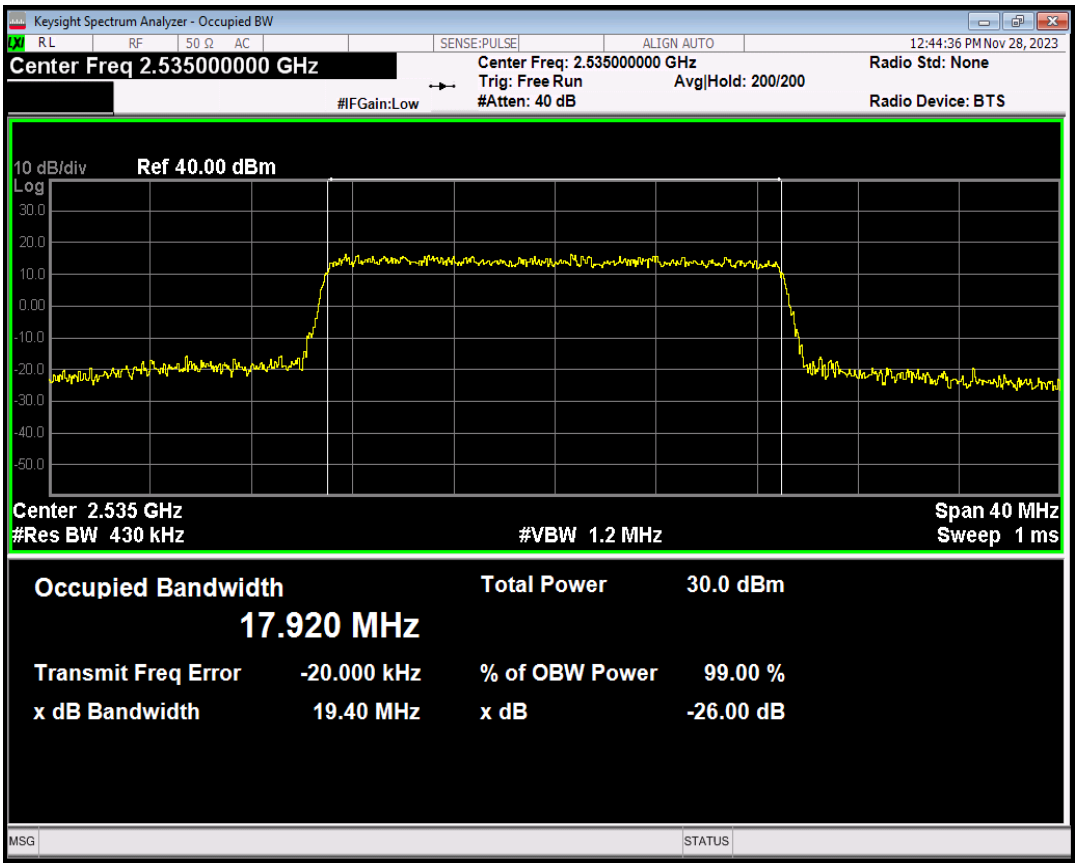
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0



Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



Band7 16QAM BW=20MHz Channel=21100 RB Size=100 Position=#0



05 Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	1	#0	QPSK	699.00	-21.50	-13	PASS
Band12	1.4	23017	1	#Max	QPSK	698.41	-39.08	-13	PASS
Band12	1.4	23017	6	#0	QPSK	698.90	-21.91	-13	PASS
Band12	1.4	23017	1	#0	16QAM	699.00	-20.51	-13	PASS
Band12	1.4	23017	1	#Max	16QAM	698.20	-40.04	-13	PASS
Band12	1.4	23017	6	#0	16QAM	698.90	-22.14	-13	PASS
Band12	1.4	23173	1	#0	QPSK	716.78	-39.79	-13	PASS
Band12	1.4	23173	1	#Max	QPSK	716.01	-18.41	-13	PASS
Band12	1.4	23173	6	#0	QPSK	716.21	-23.37	-13	PASS
Band12	1.4	23173	1	#0	16QAM	716.80	-40.65	-13	PASS
Band12	1.4	23173	1	#Max	16QAM	716.02	-19.33	-13	PASS
Band12	1.4	23173	6	#0	16QAM	716.18	-24.22	-13	PASS
Band12	3	23025	1	#0	QPSK	699.00	-16.42	-13	PASS
Band12	3	23025	1	#Max	QPSK	697.95	-35.74	-13	PASS
Band12	3	23025	15	#0	QPSK	698.87	-25.18	-13	PASS
Band12	3	23025	1	#0	16QAM	698.99	-16.99	-13	PASS
Band12	3	23025	1	#Max	16QAM	697.96	-36.22	-13	PASS
Band12	3	23025	15	#0	16QAM	698.86	-24.65	-13	PASS
Band12	3	23165	1	#0	QPSK	717.07	-35.75	-13	PASS
Band12	3	23165	1	#Max	QPSK	716.00	-14.97	-13	PASS
Band12	3	23165	15	#0	QPSK	716.36	-28.43	-13	PASS
Band12	3	23165	1	#0	16QAM	717.08	-37.54	-13	PASS
Band12	3	23165	1	#Max	16QAM	716.00	-15.26	-13	PASS
Band12	3	23165	15	#0	16QAM	716.11	-28.56	-13	PASS
Band12	5	23035	1	#0	QPSK	699.00	-24.55	-13	PASS
Band12	5	23035	1	#Max	QPSK	696.00	-37.33	-13	PASS
Band12	5	23035	25	#0	QPSK	698.90	-25.47	-13	PASS
Band12	5	23035	1	#0	16QAM	699.00	-24.21	-13	PASS
Band12	5	23035	1	#Max	16QAM	696.02	-38.46	-13	PASS
Band12	5	23035	25	#0	16QAM	698.59	-26.65	-13	PASS
Band12	5	23155	1	#0	QPSK	719.00	-39.54	-13	PASS
Band12	5	23155	1	#Max	QPSK	716.00	-23.11	-13	PASS
Band12	5	23155	25	#0	QPSK	716.21	-30.06	-13	PASS
Band12	5	23155	1	#0	16QAM	719.00	-39.49	-13	PASS
Band12	5	23155	1	#Max	16QAM	716.00	-24.62	-13	PASS
Band12	5	23155	25	#0	16QAM	716.19	-29.10	-13	PASS
Band12	10	23060	1	#0	QPSK	698.99	-31.50	-13	PASS
Band12	10	23060	1	#Max	QPSK	693.03	-45.11	-13	PASS
Band12	10	23060	50	#0	QPSK	698.32	-29.93	-13	PASS
Band12	10	23060	1	#0	16QAM	699.00	-31.04	-13	PASS
Band12	10	23060	1	#Max	16QAM	693.05	-44.49	-13	PASS

Band12	10	23060	50	#0	16QAM	698.32	-30.49	-13	PASS
Band12	10	23130	1	#0	QPSK	716.00	-46.27	-13	PASS
Band12	10	23130	1	#Max	QPSK	716.00	-30.26	-13	PASS
Band12	10	23130	50	#0	QPSK	716.17	-30.65	-13	PASS
Band12	10	23130	1	#0	16QAM	716.11	-46.59	-13	PASS
Band12	10	23130	1	#Max	16QAM	716.01	-31.07	-13	PASS
Band12	10	23130	50	#0	16QAM	716.11	-30.32	-13	PASS
Band13	5	23205	1	#0	QPSK	777.00	-23.63	-13	PASS
Band13	5	23205	1	#Max	QPSK	774.00	-49.80	-35	PASS
Band13	5	23205	25	#0	QPSK	774.99	-45.27	-35	PASS
Band13	5	23205	1	#0	16QAM	777.00	-21.80	-13	PASS
Band13	5	23205	1	#Max	16QAM	774.00	-50.67	-35	PASS
Band13	5	23205	25	#0	16QAM	774.99	-47.51	-35	PASS
Band13	5	23255	1	#0	QPSK	790.02	-39.50	-13	PASS
Band13	5	23255	1	#Max	QPSK	787.00	-23.55	-13	PASS
Band13	5	23255	25	#0	QPSK	787.16	-29.32	-13	PASS
Band13	5	23255	1	#0	16QAM	790.03	-39.89	-13	PASS
Band13	5	23255	1	#Max	16QAM	787.00	-23.94	-13	PASS
Band13	5	23255	25	#0	16QAM	787.15	-31.20	-13	PASS
Band13	10	23230	1	#0	QPSK	777.00	-30.72	-13	PASS
Band13	10	23230	1	#Max	QPSK	787.01	-31.15	-13	PASS
Band13	10	23230	50	#0	QPSK	774.98	-47.14	-35	PASS
Band13	10	23230	1	#0	16QAM	777.00	-30.03	-13	PASS
Band13	10	23230	1	#Max	16QAM	787.00	-30.93	-13	PASS
Band13	10	23230	50	#0	16QAM	774.96	-48.47	-35	PASS
Band17	5	23755	1	#0	QPSK	704.00	-23.51	-13	PASS
Band17	5	23755	1	#Max	QPSK	700.99	-39.83	-13	PASS
Band17	5	23755	25	#0	QPSK	703.97	-29.65	-13	PASS
Band17	5	23755	1	#0	16QAM	704.00	-21.87	-13	PASS
Band17	5	23755	1	#Max	16QAM	701.02	-41.21	-13	PASS
Band17	5	23755	25	#0	16QAM	704.00	-28.83	-13	PASS
Band17	5	23825	1	#0	QPSK	718.98	-41.55	-13	PASS
Band17	5	23825	1	#Max	QPSK	716.00	-21.97	-13	PASS
Band17	5	23825	25	#0	QPSK	716.00	-30.79	-13	PASS
Band17	5	23825	1	#0	16QAM	718.98	-41.74	-13	PASS
Band17	5	23825	1	#Max	16QAM	716.00	-22.84	-13	PASS
Band17	5	23825	25	#0	16QAM	716.00	-32.13	-13	PASS
Band17	10	23780	1	#0	QPSK	704.00	-25.74	-13	PASS
Band17	10	23780	1	#Max	QPSK	698.04	-38.68	-13	PASS
Band17	10	23780	50	#0	QPSK	703.90	-30.57	-13	PASS
Band17	10	23780	1	#0	16QAM	704.00	-26.75	-13	PASS
Band17	10	23780	1	#Max	16QAM	698.02	-39.57	-13	PASS
Band17	10	23780	50	#0	16QAM	703.42	-30.95	-13	PASS
Band17	10	23800	1	#0	QPSK	716.00	-42.74	-13	PASS

Band17	10	23800	1	#Max	QPSK	716.00	-26.57	-13	PASS
Band17	10	23800	50	#0	QPSK	716.48	-30.72	-13	PASS
Band17	10	23800	1	#0	16QAM	716.02	-43.10	-13	PASS
Band17	10	23800	1	#Max	16QAM	716.02	-24.03	-13	PASS
Band17	10	23800	50	#0	16QAM	716.08	-30.72	-13	PASS
Band2	1.4	18607	1	#0	QPSK	1850.00	-29.55	-13	PASS
Band2	1.4	18607	1	#Max	QPSK	1849.27	-47.70	-13	PASS
Band2	1.4	18607	6	#0	QPSK	1849.90	-34.40	-13	PASS
Band2	1.4	18607	1	#0	16QAM	1849.99	-28.01	-13	PASS
Band2	1.4	18607	1	#Max	16QAM	1849.34	-46.57	-13	PASS
Band2	1.4	18607	6	#0	16QAM	1849.99	-33.66	-13	PASS
Band2	1.4	19193	1	#0	QPSK	1910.00	-47.99	-13	PASS
Band2	1.4	19193	1	#Max	QPSK	1910.01	-27.64	-13	PASS
Band2	1.4	19193	6	#0	QPSK	1910.00	-36.99	-13	PASS
Band2	1.4	19193	1	#0	16QAM	1910.83	-48.29	-13	PASS
Band2	1.4	19193	1	#Max	16QAM	1910.02	-26.61	-13	PASS
Band2	1.4	19193	6	#0	16QAM	1910.01	-36.53	-13	PASS
Band2	3	18615	1	#0	QPSK	1849.99	-19.19	-13	PASS
Band2	3	18615	1	#Max	QPSK	1848.93	-40.83	-13	PASS
Band2	3	18615	15	#0	QPSK	1850.00	-31.58	-13	PASS
Band2	3	18615	1	#0	16QAM	1849.99	-19.41	-13	PASS
Band2	3	18615	1	#Max	16QAM	1848.96	-41.72	-13	PASS
Band2	3	18615	15	#0	16QAM	1850.00	-32.78	-13	PASS
Band2	3	19185	1	#0	QPSK	1911.06	-41.84	-13	PASS
Band2	3	19185	1	#Max	QPSK	1910.00	-18.63	-13	PASS
Band2	3	19185	15	#0	QPSK	1910.00	-29.78	-13	PASS
Band2	3	19185	1	#0	16QAM	1911.03	-42.09	-13	PASS
Band2	3	19185	1	#Max	16QAM	1910.01	-19.63	-13	PASS
Band2	3	19185	15	#0	16QAM	1910.00	-32.20	-13	PASS
Band2	5	18625	1	#0	QPSK	1850.00	-27.11	-13	PASS
Band2	5	18625	1	#Max	QPSK	1847.00	-40.75	-13	PASS
Band2	5	18625	25	#0	QPSK	1850.00	-34.33	-13	PASS
Band2	5	18625	1	#0	16QAM	1850.00	-23.39	-13	PASS
Band2	5	18625	1	#Max	16QAM	1845.96	-40.85	-13	PASS
Band2	5	18625	25	#0	16QAM	1850.00	-32.87	-13	PASS
Band2	5	19175	1	#0	QPSK	1913.01	-41.91	-13	PASS
Band2	5	19175	1	#Max	QPSK	1910.00	-21.02	-13	PASS
Band2	5	19175	25	#0	QPSK	1910.00	-36.75	-13	PASS
Band2	5	19175	1	#0	16QAM	1913.01	-42.97	-13	PASS
Band2	5	19175	1	#Max	16QAM	1910.00	-21.16	-13	PASS
Band2	5	19175	25	#0	16QAM	1910.00	-37.39	-13	PASS
Band2	10	18650	1	#0	QPSK	1850.00	-31.27	-13	PASS
Band2	10	18650	1	#Max	QPSK	1841.82	-37.74	-13	PASS
Band2	10	18650	50	#0	QPSK	1849.94	-36.68	-13	PASS

Band2	10	18650	1	#0	16QAM	1850.00	-28.52	-13	PASS
Band2	10	18650	1	#Max	16QAM	1841.84	-33.06	-13	PASS
Band2	10	18650	50	#0	16QAM	1849.38	-35.68	-13	PASS
Band2	10	19150	1	#0	QPSK	1915.98	-39.02	-13	PASS
Band2	10	19150	1	#Max	QPSK	1910.00	-24.04	-13	PASS
Band2	10	19150	50	#0	QPSK	1910.04	-40.00	-13	PASS
Band2	10	19150	1	#0	16QAM	1915.96	-39.78	-13	PASS
Band2	10	19150	1	#Max	16QAM	1910.00	-27.56	-13	PASS
Band2	10	19150	50	#0	16QAM	1910.00	-38.42	-13	PASS
Band2	15	18675	1	#0	QPSK	1850.00	-29.95	-13	PASS
Band2	15	18675	1	#Max	QPSK	1841.12	-36.10	-13	PASS
Band2	15	18675	75	#0	QPSK	1849.88	-36.33	-13	PASS
Band2	15	18675	1	#0	16QAM	1850.00	-30.90	-13	PASS
Band2	15	18675	1	#Max	16QAM	1837.37	-34.03	-13	PASS
Band2	15	18675	75	#0	16QAM	1849.97	-35.98	-13	PASS
Band2	15	19125	1	#0	QPSK	1910.00	-37.70	-13	PASS
Band2	15	19125	1	#Max	QPSK	1910.00	-26.52	-13	PASS
Band2	15	19125	75	#0	QPSK	1910.00	-39.63	-13	PASS
Band2	15	19125	1	#0	16QAM	1918.91	-37.57	-13	PASS
Band2	15	19125	1	#Max	16QAM	1910.00	-27.06	-13	PASS
Band2	15	19125	75	#0	16QAM	1910.00	-37.63	-13	PASS
Band2	20	18700	1	#0	QPSK	1850.00	-30.43	-13	PASS
Band2	20	18700	1	#Max	QPSK	1833.28	-38.15	-13	PASS
Band2	20	18700	100	#0	QPSK	1850.00	-36.22	-13	PASS
Band2	20	18700	1	#0	16QAM	1850.00	-30.09	-13	PASS
Band2	20	18700	1	#Max	16QAM	1833.28	-37.94	-13	PASS
Band2	20	18700	100	#0	16QAM	1849.40	-36.45	-13	PASS
Band2	20	19100	1	#0	QPSK	1910.00	-37.45	-13	PASS
Band2	20	19100	1	#Max	QPSK	1910.00	-32.00	-13	PASS
Band2	20	19100	100	#0	QPSK	1910.52	-39.02	-13	PASS
Band2	20	19100	1	#0	16QAM	1910.00	-40.93	-13	PASS
Band2	20	19100	1	#Max	16QAM	1910.00	-29.38	-13	PASS
Band2	20	19100	100	#0	16QAM	1910.88	-38.30	-13	PASS
Band4	1.4	19957	1	#0	QPSK	1710.00	-25.31	-13	PASS
Band4	1.4	19957	1	#Max	QPSK	1709.18	-45.81	-13	PASS
Band4	1.4	19957	6	#0	QPSK	1710.00	-34.44	-13	PASS
Band4	1.4	19957	1	#0	16QAM	1709.99	-24.76	-13	PASS
Band4	1.4	19957	1	#Max	16QAM	1709.32	-45.26	-13	PASS
Band4	1.4	19957	6	#0	16QAM	1709.98	-34.07	-13	PASS
Band4	1.4	20393	1	#0	QPSK	1755.82	-45.56	-13	PASS
Band4	1.4	20393	1	#Max	QPSK	1755.01	-23.03	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.00	-33.46	-13	PASS
Band4	1.4	20393	1	#0	16QAM	1755.80	-46.77	-13	PASS
Band4	1.4	20393	1	#Max	16QAM	1755.03	-22.03	-13	PASS

Band4	1.4	20393	6	#0	16QAM	1755.00	-32.58	-13	PASS
Band4	3	19965	1	#0	QPSK	1709.99	-17.12	-13	PASS
Band4	3	19965	1	#Max	QPSK	1708.93	-40.62	-13	PASS
Band4	3	19965	15	#0	QPSK	1709.99	-29.25	-13	PASS
Band4	3	19965	1	#0	16QAM	1710.00	-17.29	-13	PASS
Band4	3	19965	1	#Max	16QAM	1708.95	-41.27	-13	PASS
Band4	3	19965	15	#0	16QAM	1710.00	-31.30	-13	PASS
Band4	3	20385	1	#0	QPSK	1756.03	-39.65	-13	PASS
Band4	3	20385	1	#Max	QPSK	1755.01	-16.28	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.00	-29.53	-13	PASS
Band4	3	20385	1	#0	16QAM	1756.03	-39.99	-13	PASS
Band4	3	20385	1	#Max	16QAM	1755.00	-16.38	-13	PASS
Band4	3	20385	15	#0	16QAM	1755.02	-29.44	-13	PASS
Band4	5	19975	1	#0	QPSK	1710.00	-22.37	-13	PASS
Band4	5	19975	1	#Max	QPSK	1707.00	-41.50	-13	PASS
Band4	5	19975	25	#0	QPSK	1710.00	-35.11	-13	PASS
Band4	5	19975	1	#0	16QAM	1709.99	-23.26	-13	PASS
Band4	5	19975	1	#Max	16QAM	1705.96	-40.58	-13	PASS
Band4	5	19975	25	#0	16QAM	1709.96	-35.00	-13	PASS
Band4	5	20375	1	#0	QPSK	1757.99	-39.24	-13	PASS
Band4	5	20375	1	#Max	QPSK	1755.00	-20.27	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.00	-34.01	-13	PASS
Band4	5	20375	1	#0	16QAM	1758.00	-39.53	-13	PASS
Band4	5	20375	1	#Max	16QAM	1755.00	-22.32	-13	PASS
Band4	5	20375	25	#0	16QAM	1755.00	-32.28	-13	PASS
Band4	10	20000	1	#0	QPSK	1710.00	-25.61	-13	PASS
Band4	10	20000	1	#Max	QPSK	1704.04	-40.10	-13	PASS
Band4	10	20000	50	#0	QPSK	1709.14	-36.56	-13	PASS
Band4	10	20000	1	#0	16QAM	1710.00	-23.38	-13	PASS
Band4	10	20000	1	#Max	16QAM	1701.80	-40.46	-13	PASS
Band4	10	20000	50	#0	16QAM	1710.00	-35.64	-13	PASS
Band4	10	20350	1	#0	QPSK	1763.26	-34.83	-13	PASS
Band4	10	20350	1	#Max	QPSK	1755.00	-24.26	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.00	-35.71	-13	PASS
Band4	10	20350	1	#0	16QAM	1763.24	-35.91	-13	PASS
Band4	10	20350	1	#Max	16QAM	1755.00	-25.73	-13	PASS
Band4	10	20350	50	#0	16QAM	1755.44	-34.15	-13	PASS
Band4	15	20025	1	#0	QPSK	1709.91	-29.56	-13	PASS
Band4	15	20025	1	#Max	QPSK	1701.12	-38.10	-13	PASS
Band4	15	20025	75	#0	QPSK	1709.34	-36.33	-13	PASS
Band4	15	20025	1	#0	16QAM	1710.00	-25.65	-13	PASS
Band4	15	20025	1	#Max	16QAM	1701.12	-38.74	-13	PASS
Band4	15	20025	75	#0	16QAM	1709.94	-36.36	-13	PASS
Band4	15	20325	1	#0	QPSK	1767.48	-30.77	-13	PASS

Band4	15	20325	1	#Max	QPSK	1755.00	-26.63	-13	PASS
Band4	15	20325	75	#0	QPSK	1767.33	-35.65	-13	PASS
Band4	15	20325	1	#0	16QAM	1767.48	-31.47	-13	PASS
Band4	15	20325	1	#Max	16QAM	1755.00	-25.22	-13	PASS
Band4	15	20325	75	#0	16QAM	1755.00	-33.83	-13	PASS
Band4	20	20050	1	#0	QPSK	1710.00	-27.71	-13	PASS
Band4	20	20050	1	#Max	QPSK	1693.24	-36.65	-13	PASS
Band4	20	20050	100	#0	QPSK	1709.16	-38.16	-13	PASS
Band4	20	20050	1	#0	16QAM	1710.00	-30.92	-13	PASS
Band4	20	20050	1	#Max	16QAM	1693.24	-37.95	-13	PASS
Band4	20	20050	100	#0	16QAM	1709.52	-37.61	-13	PASS
Band4	20	20300	1	#0	QPSK	1771.72	-29.55	-13	PASS
Band4	20	20300	1	#Max	QPSK	1755.04	-29.01	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.00	-35.23	-13	PASS
Band4	20	20300	1	#0	16QAM	1771.76	-30.41	-13	PASS
Band4	20	20300	1	#Max	16QAM	1755.08	-30.88	-13	PASS
Band4	20	20300	100	#0	16QAM	1755.68	-34.15	-13	PASS
Band41(2535-2655)	5	40065	1	#0	QPSK	2533.98	-11.60	-10	PASS
Band41(2535-2655)	5	40065	1	#Max	QPSK	2528.77	-38.41	-25	PASS
Band41(2535-2655)	5	40065	25	#0	QPSK	2526.69	-36.89	-25	PASS
Band41(2535-2655)	5	40065	1	#0	16QAM	2534.00	-11.41	-10	PASS
Band41(2535-2655)	5	40065	1	#Max	16QAM	2528.37	-39.28	-25	PASS
Band41(2535-2655)	5	40065	25	#0	16QAM	2527.53	-35.35	-25	PASS
Band41(2535-2655)	5	41215	1	#0	QPSK	2661.16	-38.08	-25	PASS
Band41(2535-2655)	5	41215	1	#Max	QPSK	2656.01	-10.72	-10	PASS
Band41(2535-2655)	5	41215	25	#0	QPSK	2662.24	-35.32	-25	PASS
Band41(2535-2655)	5	41215	1	#0	16QAM	2661.78	-38.25	-25	PASS
Band41(2535-2655)	5	41215	1	#Max	16QAM	2656.01	-10.95	-10	PASS
Band41(2535-2655)	5	41215	25	#0	16QAM	2663.29	-36.71	-25	PASS
Band41(2535-2655)	10	40090	1	#0	QPSK	2534.00	-19.48	-10	PASS
Band41(2535-2655)	10	40090	1	#Max	QPSK	2524.61	-40.87	-25	PASS
Band41(2535-2655)	10	40090	50	#0	QPSK	2524.64	-40.67	-25	PASS
Band41(2535-2655)	10	40090	1	#0	16QAM	2534.00	-21.87	-10	PASS
Band41(2535-2655)	10	40090	1	#Max	16QAM	2524.22	-40.74	-25	PASS
Band41(2535-2655)	10	40090	50	#0	16QAM	2523.92	-40.39	-25	PASS
Band41(2535-2655)	10	41190	1	#0	QPSK	2665.07	-40.18	-25	PASS
Band41(2535-2655)	10	41190	1	#Max	QPSK	2656.01	-23.10	-10	PASS
Band41(2535-2655)	10	41190	50	#0	QPSK	2665.39	-40.10	-25	PASS
Band41(2535-2655)	10	41190	1	#0	16QAM	2665.22	-40.43	-25	PASS
Band41(2535-2655)	10	41190	1	#Max	16QAM	2656.00	-23.24	-10	PASS
Band41(2535-2655)	10	41190	50	#0	16QAM	2665.84	-40.41	-25	PASS
Band41(2535-2655)	15	40115	1	#0	QPSK	2518.31	-40.91	-25	PASS
Band41(2535-2655)	15	40115	1	#Max	QPSK	2519.34	-40.93	-25	PASS
Band41(2535-2655)	15	40115	75	#0	QPSK	2517.99	-40.80	-25	PASS

Band41(2535-2655)	15	40115	1	#0	16QAM	2516.26	-40.87	-25	PASS
Band41(2535-2655)	15	40115	1	#Max	16QAM	2518.32	-41.01	-25	PASS
Band41(2535-2655)	15	40115	75	#0	16QAM	2519.40	-40.74	-25	PASS
Band41(2535-2655)	15	41165	1	#0	QPSK	2673.72	-40.65	-25	PASS
Band41(2535-2655)	15	41165	1	#Max	QPSK	2671.16	-40.34	-25	PASS
Band41(2535-2655)	15	41165	75	#0	QPSK	2673.57	-40.49	-25	PASS
Band41(2535-2655)	15	41165	1	#0	16QAM	2671.55	-40.86	-25	PASS
Band41(2535-2655)	15	41165	1	#Max	16QAM	2655.02	-24.83	-10	PASS
Band41(2535-2655)	15	41165	75	#0	16QAM	2670.63	-40.64	-25	PASS
Band41(2535-2655)	20	40140	1	#0	QPSK	2513.29	-41.02	-25	PASS
Band41(2535-2655)	20	40140	1	#Max	QPSK	2513.09	-40.75	-25	PASS
Band41(2535-2655)	20	40140	100	#0	QPSK	2514.64	-40.88	-25	PASS
Band41(2535-2655)	20	40140	1	#0	16QAM	2512.39	-40.80	-25	PASS
Band41(2535-2655)	20	40140	1	#Max	16QAM	2514.75	-41.00	-25	PASS
Band41(2535-2655)	20	40140	100	#0	16QAM	2513.37	-41.10	-25	PASS
Band41(2535-2655)	20	41140	1	#0	QPSK	2678.49	-40.82	-25	PASS
Band41(2535-2655)	20	41140	1	#Max	QPSK	2675.45	-40.93	-25	PASS
Band41(2535-2655)	20	41140	100	#0	QPSK	2678.98	-40.77	-25	PASS
Band41(2535-2655)	20	41140	1	#0	16QAM	2676.51	-40.96	-25	PASS
Band41(2535-2655)	20	41140	1	#Max	16QAM	2676.41	-40.42	-25	PASS
Band41(2535-2655)	20	41140	100	#0	16QAM	2675.10	-40.71	-25	PASS
Band5	1.4	20407	1	#0	QPSK	824.00	-25.67	-13	PASS
Band5	1.4	20407	1	#Max	QPSK	824.00	-46.72	-13	PASS
Band5	1.4	20407	6	#0	QPSK	824.00	-34.29	-13	PASS
Band5	1.4	20407	1	#0	16QAM	823.99	-24.12	-13	PASS
Band5	1.4	20407	1	#Max	16QAM	823.19	-46.62	-13	PASS
Band5	1.4	20407	6	#0	16QAM	824.00	-34.72	-13	PASS
Band5	1.4	20643	1	#0	QPSK	849.00	-46.00	-13	PASS
Band5	1.4	20643	1	#Max	QPSK	849.00	-23.44	-13	PASS
Band5	1.4	20643	6	#0	QPSK	849.01	-32.48	-13	PASS
Band5	1.4	20643	1	#0	16QAM	849.81	-47.12	-13	PASS
Band5	1.4	20643	1	#Max	16QAM	849.00	-25.34	-13	PASS
Band5	1.4	20643	6	#0	16QAM	849.00	-32.20	-13	PASS
Band5	3	20415	1	#0	QPSK	823.99	-17.47	-13	PASS
Band5	3	20415	1	#Max	QPSK	822.95	-40.15	-13	PASS
Band5	3	20415	15	#0	QPSK	824.00	-30.63	-13	PASS
Band5	3	20415	1	#0	16QAM	824.00	-17.20	-13	PASS
Band5	3	20415	1	#Max	16QAM	822.96	-40.99	-13	PASS
Band5	3	20415	15	#0	16QAM	824.00	-31.46	-13	PASS
Band5	3	20635	1	#0	QPSK	850.05	-39.50	-13	PASS
Band5	3	20635	1	#Max	QPSK	849.00	-15.26	-13	PASS
Band5	3	20635	15	#0	QPSK	849.00	-29.05	-13	PASS
Band5	3	20635	1	#0	16QAM	850.06	-40.59	-13	PASS
Band5	3	20635	1	#Max	16QAM	849.00	-14.64	-13	PASS

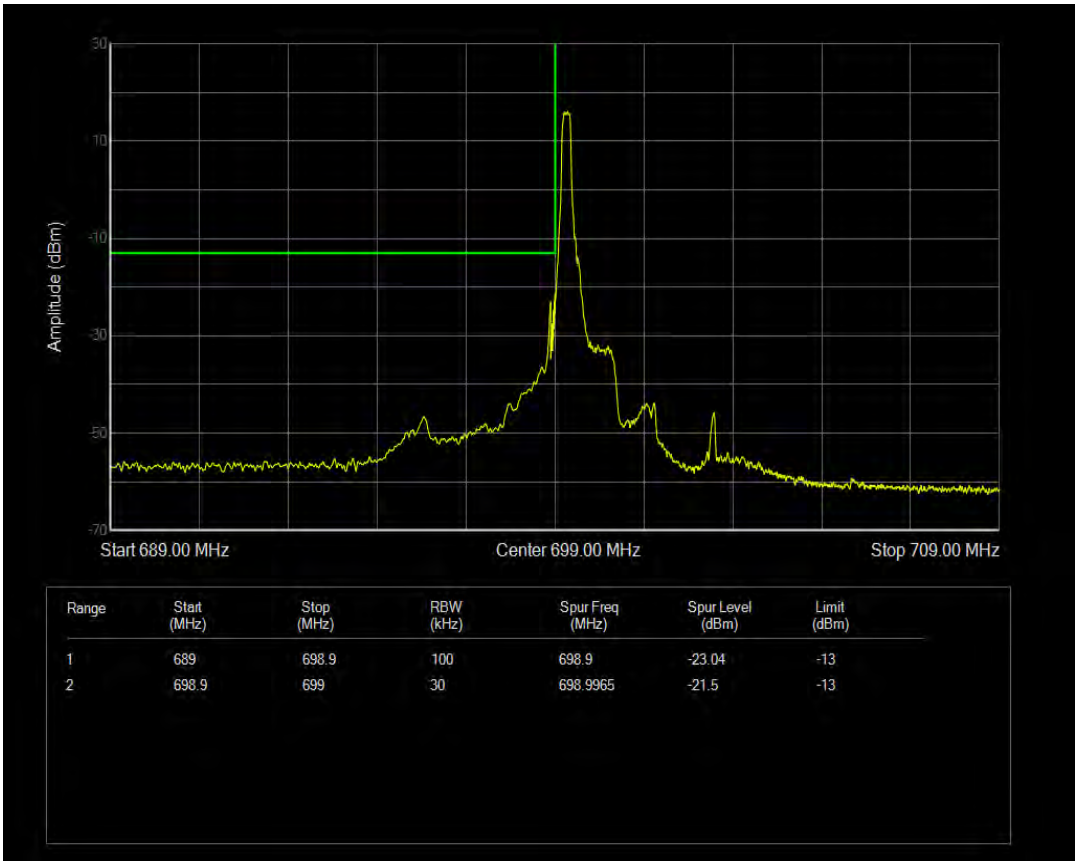
Band5	3	20635	15	#0	16QAM	849.01	-30.09	-13	PASS
Band5	5	20425	1	#0	QPSK	824.00	-20.80	-13	PASS
Band5	5	20425	1	#Max	QPSK	821.01	-40.68	-13	PASS
Band5	5	20425	25	#0	QPSK	824.00	-33.60	-13	PASS
Band5	5	20425	1	#0	16QAM	824.00	-23.32	-13	PASS
Band5	5	20425	1	#Max	16QAM	820.98	-41.21	-13	PASS
Band5	5	20425	25	#0	16QAM	824.00	-35.60	-13	PASS
Band5	5	20625	1	#0	QPSK	852.00	-41.18	-13	PASS
Band5	5	20625	1	#Max	QPSK	849.00	-21.21	-13	PASS
Band5	5	20625	25	#0	QPSK	849.00	-32.88	-13	PASS
Band5	5	20625	1	#0	16QAM	851.98	-42.06	-13	PASS
Band5	5	20625	1	#Max	16QAM	849.00	-21.82	-13	PASS
Band5	5	20625	25	#0	16QAM	849.00	-34.61	-13	PASS
Band5	10	20450	1	#0	QPSK	824.00	-23.96	-13	PASS
Band5	10	20450	1	#Max	QPSK	818.04	-37.66	-13	PASS
Band5	10	20450	50	#0	QPSK	823.24	-37.06	-13	PASS
Band5	10	20450	1	#0	16QAM	824.00	-24.64	-13	PASS
Band5	10	20450	1	#Max	16QAM	818.06	-38.34	-13	PASS
Band5	10	20450	50	#0	16QAM	824.00	-38.44	-13	PASS
Band5	10	20600	1	#0	QPSK	849.00	-42.57	-13	PASS
Band5	10	20600	1	#Max	QPSK	849.00	-25.15	-13	PASS
Band5	10	20600	50	#0	QPSK	849.00	-38.01	-13	PASS
Band5	10	20600	1	#0	16QAM	849.00	-43.18	-13	PASS
Band5	10	20600	1	#Max	16QAM	849.00	-26.43	-13	PASS
Band5	10	20600	50	#0	16QAM	849.00	-37.08	-13	PASS
Band66	1.4	131979	1	#0	QPSK	1710.00	-27.37	-13	PASS
Band66	1.4	131979	1	#Max	QPSK	1710.00	-46.08	-13	PASS
Band66	1.4	131979	6	#0	QPSK	1710.00	-35.56	-13	PASS
Band66	1.4	131979	1	#0	16QAM	1710.00	-25.50	-13	PASS
Band66	1.4	131979	1	#Max	16QAM	1709.43	-45.59	-13	PASS
Band66	1.4	131979	6	#0	16QAM	1709.99	-36.43	-13	PASS
Band66	1.4	132665	1	#0	QPSK	1780.00	-45.52	-13	PASS
Band66	1.4	132665	1	#Max	QPSK	1780.00	-23.38	-13	PASS
Band66	1.4	132665	6	#0	QPSK	1780.01	-33.06	-13	PASS
Band66	1.4	132665	1	#0	16QAM	1780.82	-46.15	-13	PASS
Band66	1.4	132665	1	#Max	16QAM	1780.00	-23.62	-13	PASS
Band66	1.4	132665	6	#0	16QAM	1780.01	-31.82	-13	PASS
Band66	3	131987	1	#0	QPSK	1710.00	-17.76	-13	PASS
Band66	3	131987	1	#Max	QPSK	1708.94	-40.75	-13	PASS
Band66	3	131987	15	#0	QPSK	1709.99	-29.52	-13	PASS
Band66	3	131987	1	#0	16QAM	1710.00	-16.30	-13	PASS
Band66	3	131987	1	#Max	16QAM	1708.94	-41.47	-13	PASS
Band66	3	131987	15	#0	16QAM	1710.00	-30.46	-13	PASS
Band66	3	132657	1	#0	QPSK	1781.06	-39.28	-13	PASS

Band66	3	132657	1	#Max	QPSK	1780.00	-15.69	-13	PASS
Band66	3	132657	15	#0	QPSK	1780.03	-30.17	-13	PASS
Band66	3	132657	1	#0	16QAM	1781.04	-39.46	-13	PASS
Band66	3	132657	1	#Max	16QAM	1780.00	-17.65	-13	PASS
Band66	3	132657	15	#0	16QAM	1780.01	-30.22	-13	PASS
Band66	5	131997	1	#0	QPSK	1710.00	-22.97	-13	PASS
Band66	5	131997	1	#Max	QPSK	1707.01	-41.52	-13	PASS
Band66	5	131997	25	#0	QPSK	1710.00	-35.92	-13	PASS
Band66	5	131997	1	#0	16QAM	1710.00	-19.68	-13	PASS
Band66	5	131997	1	#Max	16QAM	1706.98	-42.52	-13	PASS
Band66	5	131997	25	#0	16QAM	1710.00	-33.87	-13	PASS
Band66	5	132647	1	#0	QPSK	1783.02	-39.21	-13	PASS
Band66	5	132647	1	#Max	QPSK	1780.00	-22.02	-13	PASS
Band66	5	132647	25	#0	QPSK	1780.00	-32.67	-13	PASS
Band66	5	132647	1	#0	16QAM	1782.98	-39.38	-13	PASS
Band66	5	132647	1	#Max	16QAM	1780.00	-20.72	-13	PASS
Band66	5	132647	25	#0	16QAM	1780.01	-32.51	-13	PASS
Band66	10	132022	1	#0	QPSK	1710.00	-23.29	-13	PASS
Band66	10	132022	1	#Max	QPSK	1704.08	-40.26	-13	PASS
Band66	10	132022	50	#0	QPSK	1709.96	-38.56	-13	PASS
Band66	10	132022	1	#0	16QAM	1710.00	-25.62	-13	PASS
Band66	10	132022	1	#Max	16QAM	1704.06	-41.26	-13	PASS
Band66	10	132022	50	#0	16QAM	1710.00	-37.63	-13	PASS
Band66	10	132622	1	#0	QPSK	1785.94	-38.02	-13	PASS
Band66	10	132622	1	#Max	QPSK	1780.00	-27.28	-13	PASS
Band66	10	132622	50	#0	QPSK	1781.02	-34.87	-13	PASS
Band66	10	132622	1	#0	16QAM	1785.96	-38.43	-13	PASS
Band66	10	132622	1	#Max	16QAM	1780.00	-24.73	-13	PASS
Band66	10	132622	50	#0	16QAM	1780.04	-33.05	-13	PASS
Band66	15	132047	1	#0	QPSK	1710.00	-26.36	-13	PASS
Band66	15	132047	1	#Max	QPSK	1701.09	-37.56	-13	PASS
Band66	15	132047	75	#0	QPSK	1710.00	-39.43	-13	PASS
Band66	15	132047	1	#0	16QAM	1709.94	-28.21	-13	PASS
Band66	15	132047	1	#Max	16QAM	1701.09	-38.81	-13	PASS
Band66	15	132047	75	#0	16QAM	1709.70	-38.04	-13	PASS
Band66	15	132597	1	#0	QPSK	1792.48	-36.56	-13	PASS
Band66	15	132597	1	#Max	QPSK	1780.00	-27.33	-13	PASS
Band66	15	132597	75	#0	QPSK	1780.90	-35.32	-13	PASS
Band66	15	132597	1	#0	16QAM	1788.88	-37.15	-13	PASS
Band66	15	132597	1	#Max	16QAM	1780.00	-27.22	-13	PASS
Band66	15	132597	75	#0	16QAM	1781.65	-33.90	-13	PASS
Band66	20	132072	1	#0	QPSK	1710.00	-27.20	-13	PASS
Band66	20	132072	1	#Max	QPSK	1710.00	-38.42	-13	PASS
Band66	20	132072	100	#0	QPSK	1710.00	-39.94	-13	PASS

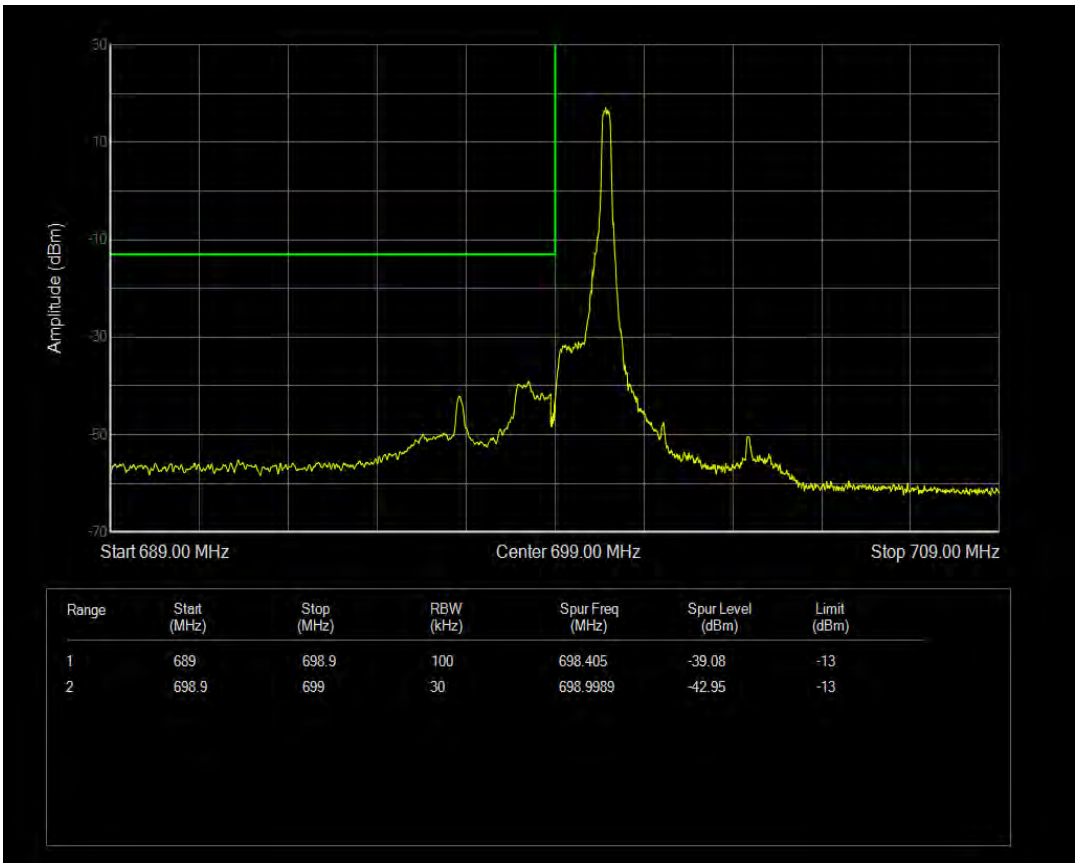
Band66	20	132072	1	#0	16QAM	1710.00	-32.26	-13	PASS
Band66	20	132072	1	#Max	16QAM	1710.00	-39.45	-13	PASS
Band66	20	132072	100	#0	16QAM	1710.00	-38.28	-13	PASS
Band66	20	132572	1	#0	QPSK	1780.00	-37.38	-13	PASS
Band66	20	132572	1	#Max	QPSK	1780.00	-29.73	-13	PASS
Band66	20	132572	100	#0	QPSK	1781.52	-36.88	-13	PASS
Band66	20	132572	1	#0	16QAM	1780.00	-38.06	-13	PASS
Band66	20	132572	1	#Max	16QAM	1780.00	-28.08	-13	PASS
Band66	20	132572	100	#0	16QAM	1780.88	-35.02	-13	PASS
Band7	5	20775	1	#0	QPSK	2499.00	-11.07	-10	PASS
Band7	5	20775	1	#Max	QPSK	2488.83	-41.00	-25	PASS
Band7	5	20775	25	#0	QPSK	2499.00	-23.73	-10	PASS
Band7	5	20775	1	#0	16QAM	2499.00	-11.30	-10	PASS
Band7	5	20775	1	#Max	16QAM	2487.84	-40.78	-25	PASS
Band7	5	20775	25	#0	16QAM	2499.00	-25.49	-10	PASS
Band7	5	21425	1	#0	QPSK	2583.75	-40.89	-25	PASS
Band7	5	21425	1	#Max	QPSK	2571.00	-11.07	-10	PASS
Band7	5	21425	25	#0	QPSK	2571.02	-22.56	-10	PASS
Band7	5	21425	1	#0	16QAM	2593.46	-40.75	-25	PASS
Band7	5	21425	1	#Max	16QAM	2571.00	-11.84	-10	PASS
Band7	5	21425	25	#0	16QAM	2571.00	-23.73	-10	PASS
Band7	10	20800	1	#0	QPSK	2499.00	-21.76	-10	PASS
Band7	10	20800	1	#Max	QPSK	2477.94	-40.89	-25	PASS
Band7	10	20800	50	#0	QPSK	2489.99	-39.22	-25	PASS
Band7	10	20800	1	#0	16QAM	2499.00	-22.23	-10	PASS
Band7	10	20800	1	#Max	16QAM	2486.60	-40.86	-25	PASS
Band7	10	20800	50	#0	16QAM	2489.61	-40.45	-25	PASS
Band7	10	21400	1	#0	QPSK	2594.75	-40.96	-25	PASS
Band7	10	21400	1	#Max	QPSK	2571.00	-22.05	-10	PASS
Band7	10	21400	50	#0	QPSK	2580.20	-39.79	-25	PASS
Band7	10	21400	1	#0	16QAM	2587.35	-41.07	-25	PASS
Band7	10	21400	1	#Max	16QAM	2571.00	-22.67	-10	PASS
Band7	10	21400	50	#0	16QAM	2580.33	-40.01	-25	PASS
Band7	15	20825	1	#0	QPSK	2480.78	-41.18	-25	PASS
Band7	15	20825	1	#Max	QPSK	2482.10	-40.95	-25	PASS
Band7	15	20825	75	#0	QPSK	2484.81	-40.59	-25	PASS
Band7	15	20825	1	#0	16QAM	2481.35	-40.87	-25	PASS
Band7	15	20825	1	#Max	16QAM	2475.04	-41.06	-25	PASS
Band7	15	20825	75	#0	16QAM	2481.34	-41.00	-25	PASS
Band7	15	21375	1	#0	QPSK	2593.81	-41.19	-25	PASS
Band7	15	21375	1	#Max	QPSK	2590.54	-40.98	-25	PASS
Band7	15	21375	75	#0	QPSK	2585.16	-40.58	-25	PASS
Band7	15	21375	1	#0	16QAM	2586.86	-41.08	-25	PASS
Band7	15	21375	1	#Max	16QAM	2591.09	-40.98	-25	PASS

Band7	15	21375	75	#0	16QAM	2586.26	-40.25	-25	PASS
Band7	20	20850	1	#0	QPSK	2479.39	-41.04	-25	PASS
Band7	20	20850	1	#Max	QPSK	2475.87	-40.98	-25	PASS
Band7	20	20850	100	#0	QPSK	2476.63	-41.11	-25	PASS
Band7	20	20850	1	#0	16QAM	2476.05	-41.02	-25	PASS
Band7	20	20850	1	#Max	16QAM	2476.89	-40.90	-25	PASS
Band7	20	20850	100	#0	16QAM	2476.17	-40.93	-25	PASS
Band7	20	21350	1	#0	QPSK	2592.29	-41.05	-25	PASS
Band7	20	21350	1	#Max	QPSK	2593.97	-41.16	-25	PASS
Band7	20	21350	100	#0	QPSK	2591.43	-40.89	-25	PASS
Band7	20	21350	1	#0	16QAM	2593.96	-41.05	-25	PASS
Band7	20	21350	1	#Max	16QAM	2592.18	-41.20	-25	PASS
Band7	20	21350	100	#0	16QAM	2590.16	-41.08	-25	PASS

Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#0

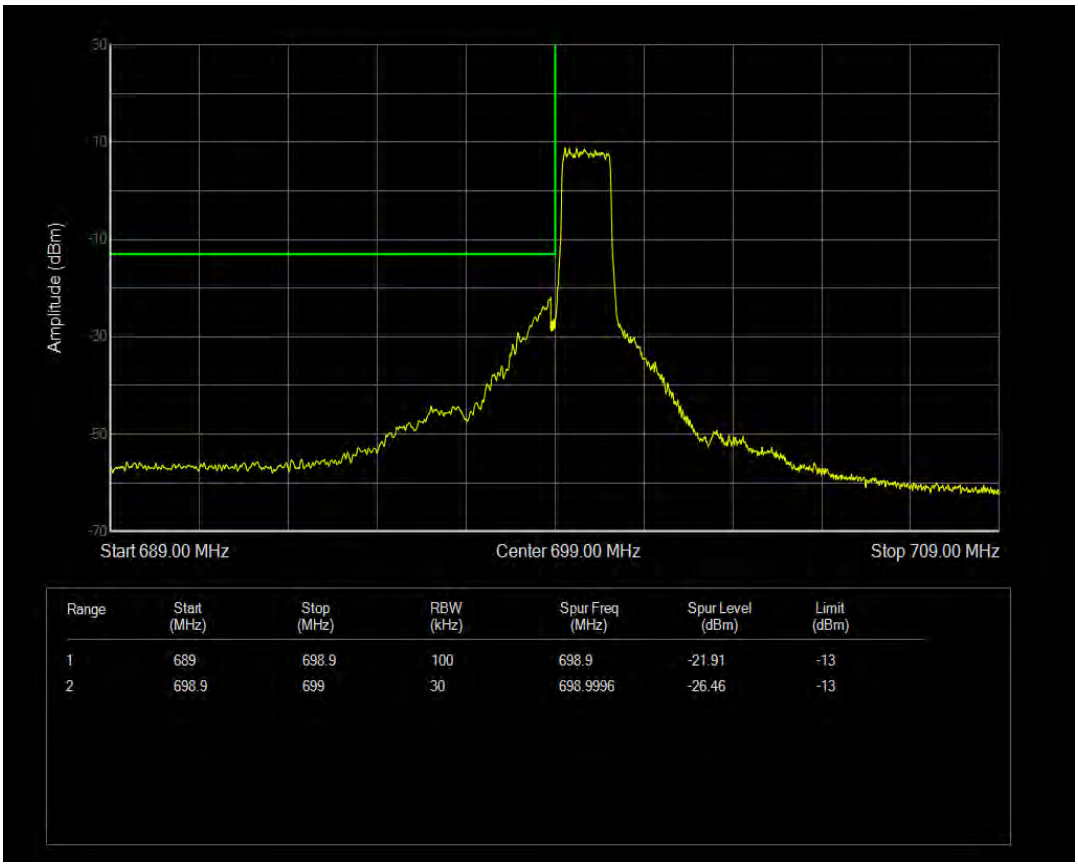


Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#Max



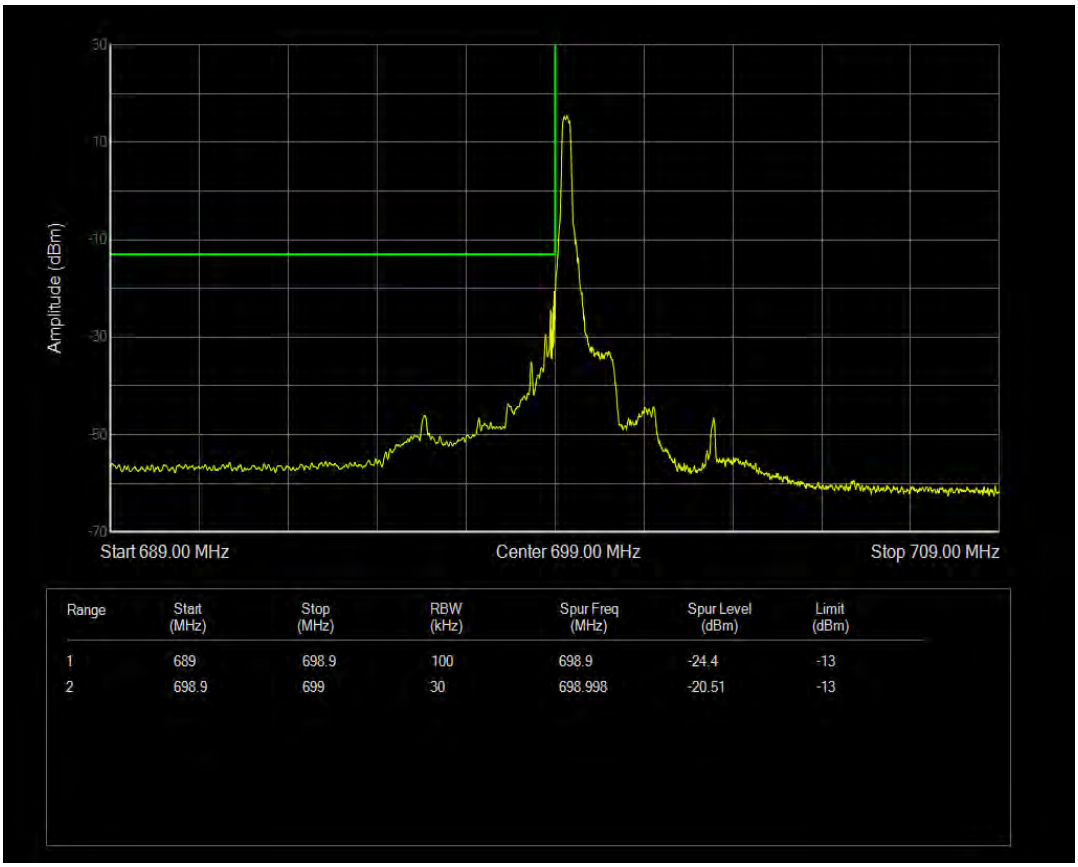
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.405	-39.08	-13
2	698.9	699	30	698.9989	-42.95	-13

Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



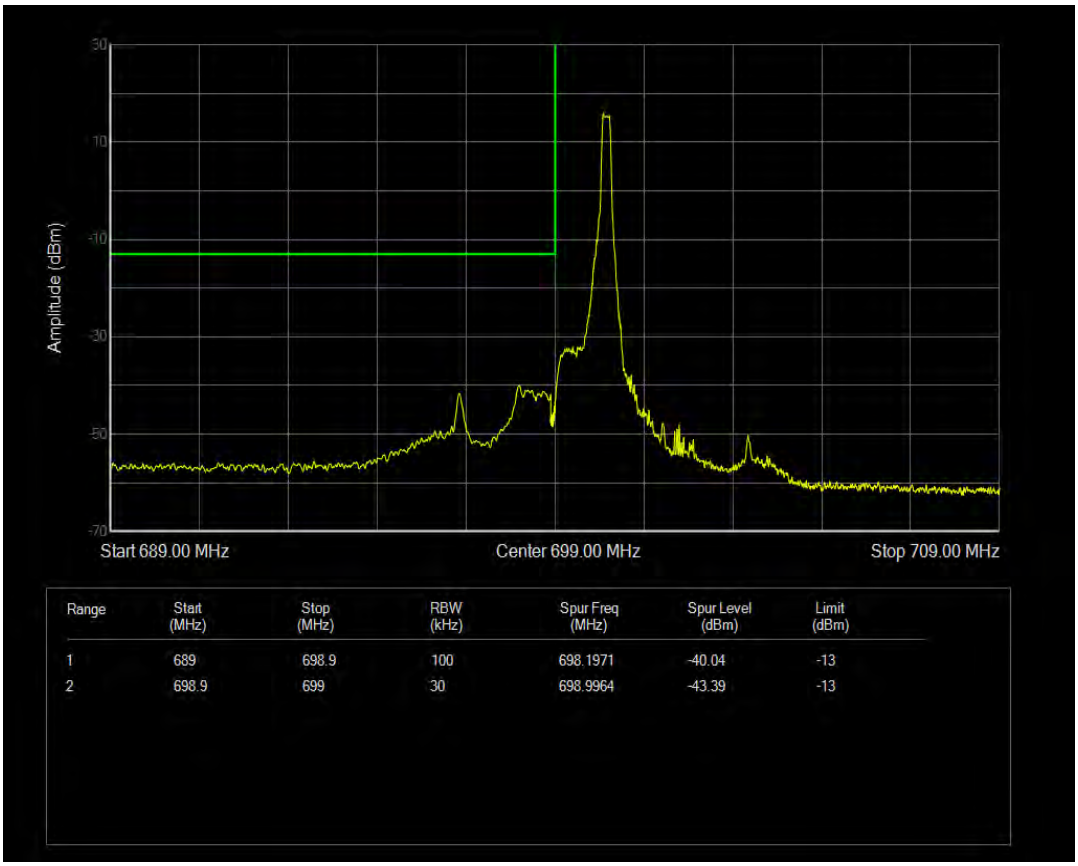
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-21.91	-13
2	698.9	699	30	698.9996	-26.46	-13

Band12 16QAM BW=1.4MHz Channel=23017 RB Size=1 Position=#0



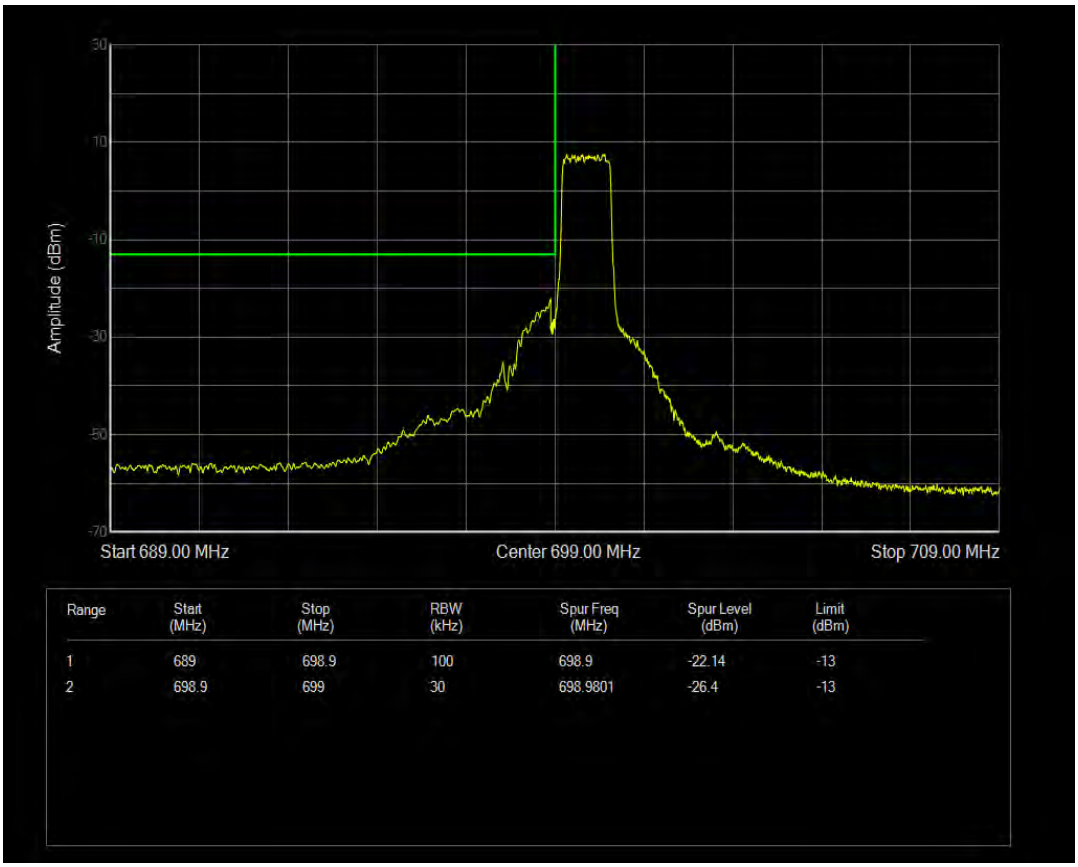
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-24.4	-13
2	698.9	699	30	698.998	-20.51	-13

Band12 16QAM BW=1.4MHz Channel=23017 RB Size=1 Position=#Max



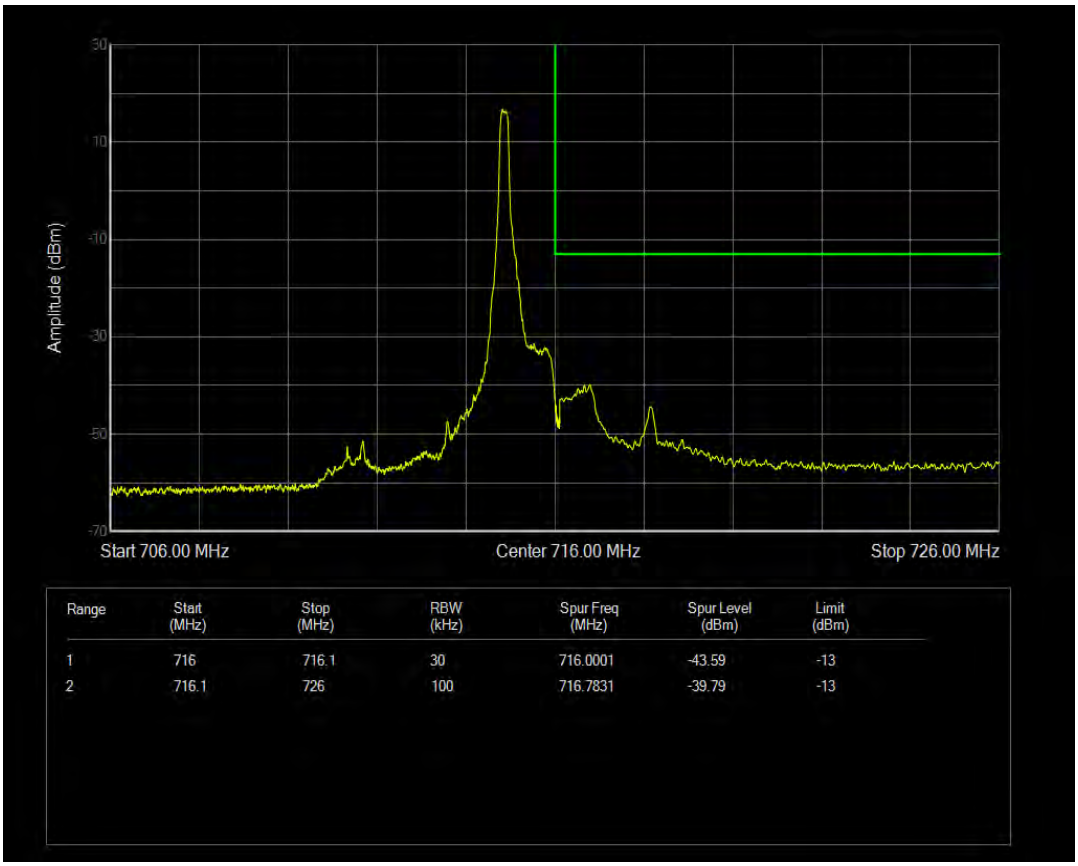
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.1971	-40.04	-13
2	698.9	699	30	698.9964	-43.39	-13

Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0



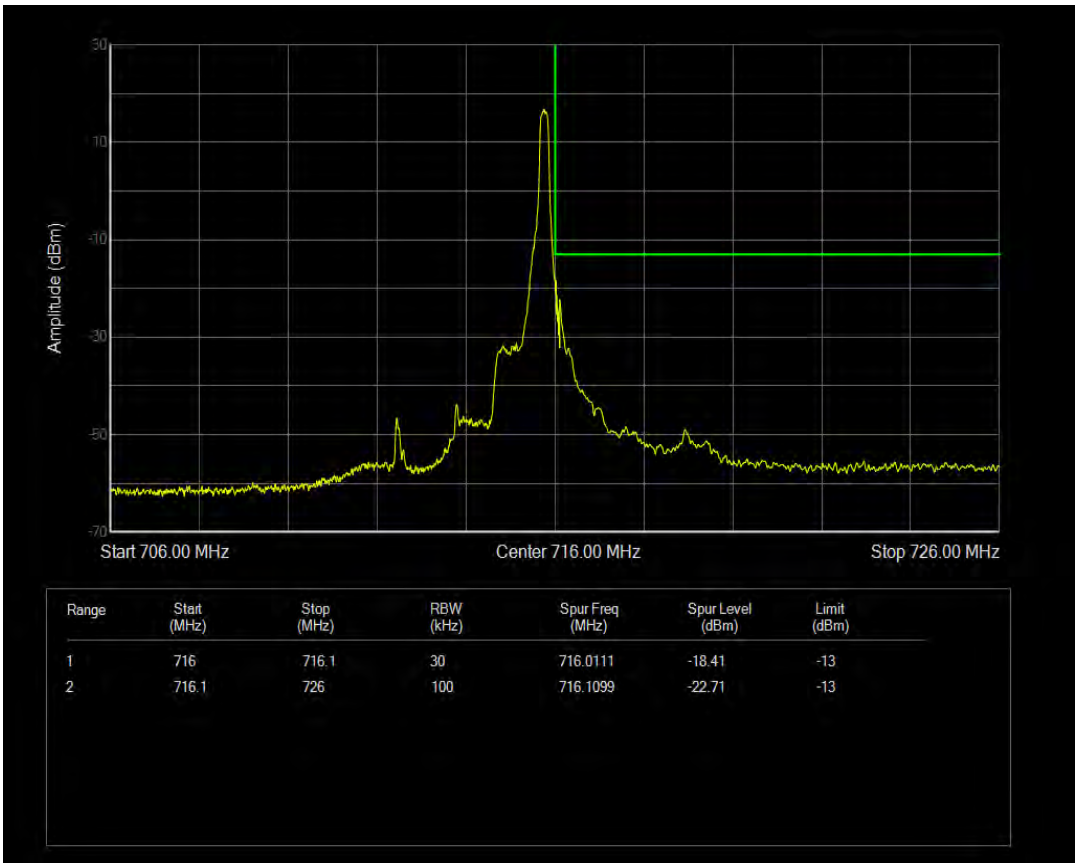
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-22.14	-13
2	698.9	699	30	698.9801	-26.4	-13

Band12 QPSK BW=1.4MHz Channel=23173 RB Size=1 Position=#0



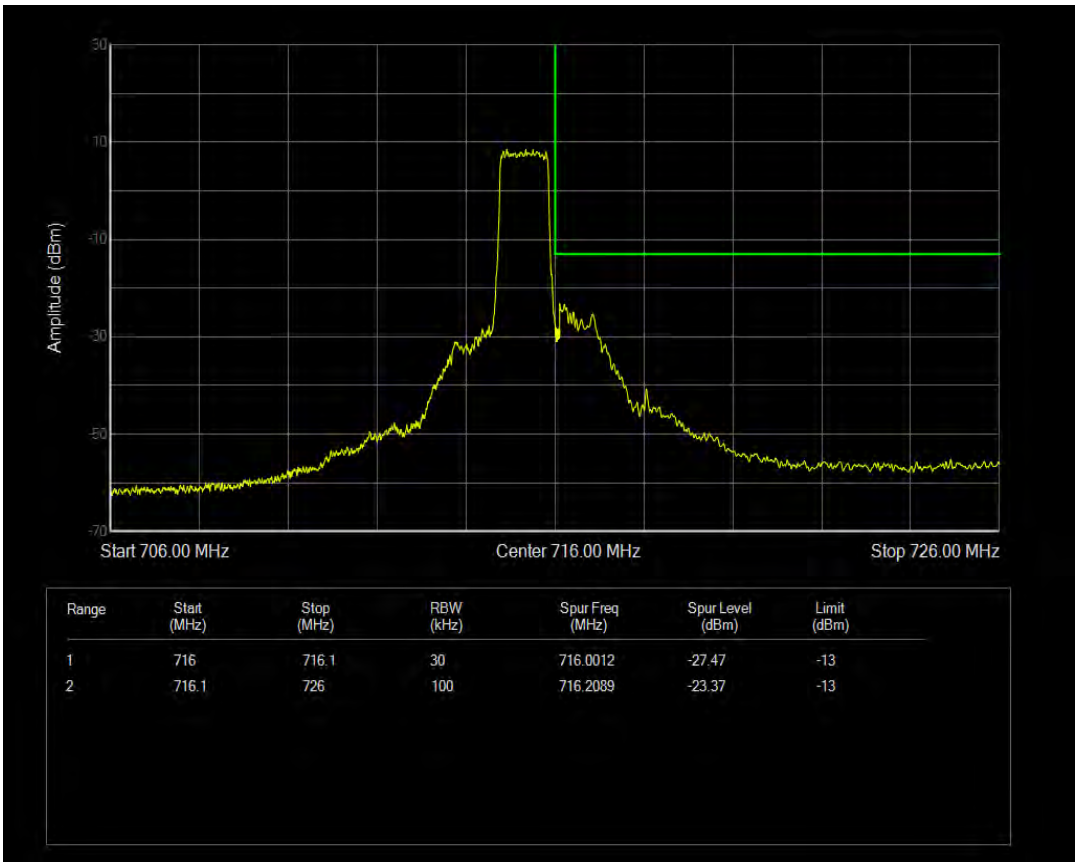
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0001	-43.59	-13
2	716.1	726	100	716.7831	-39.79	-13

Band12 QPSK BW=1.4MHz Channel=23173 RB Size=1 Position=#Max



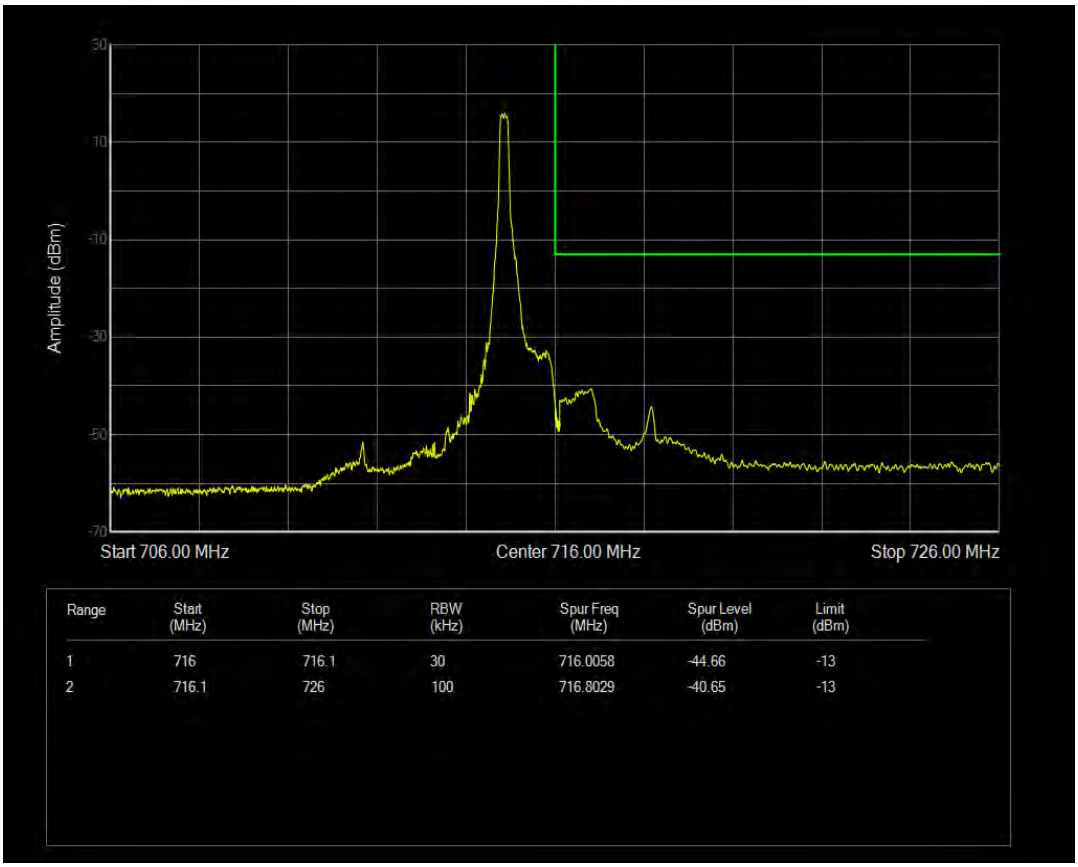
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0111	-18.41	-13
2	716.1	726	100	716.1099	-22.71	-13

Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



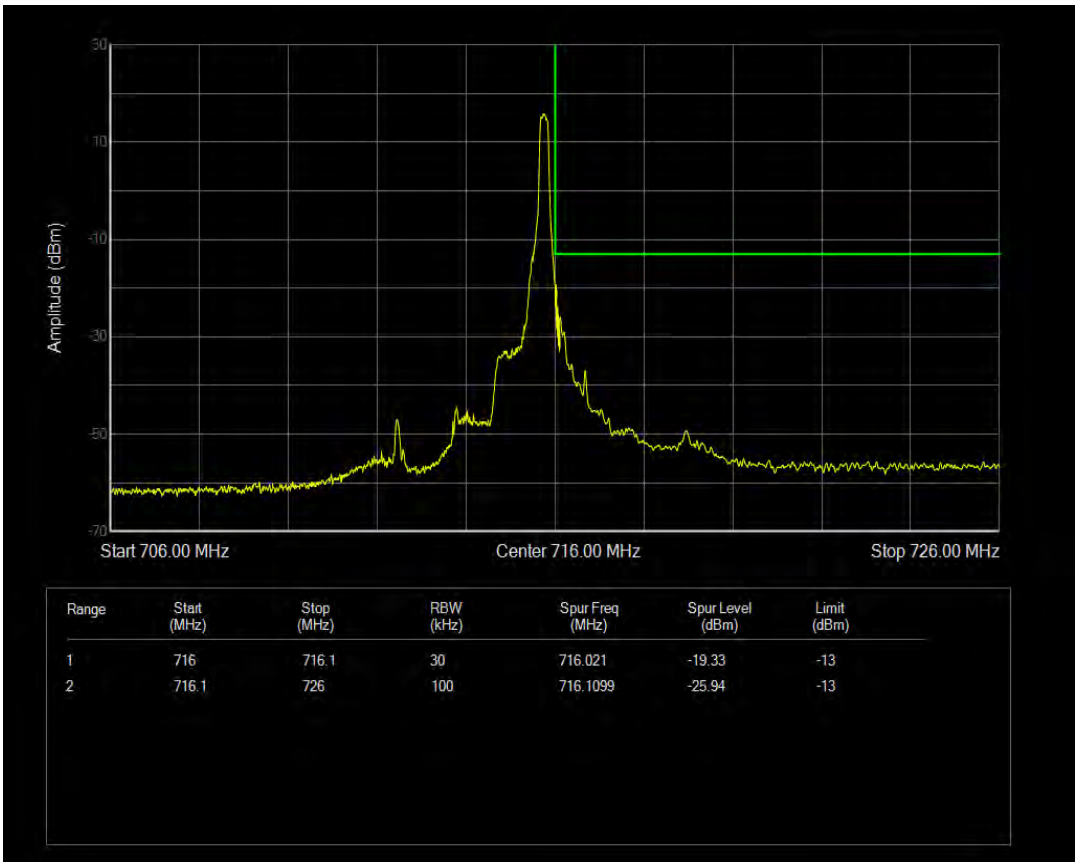
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0012	-27.47	-13
2	716.1	726	100	716.2089	-23.37	-13

Band12 16QAM BW=1.4MHz Channel=23173 RB Size=1 Position=#0



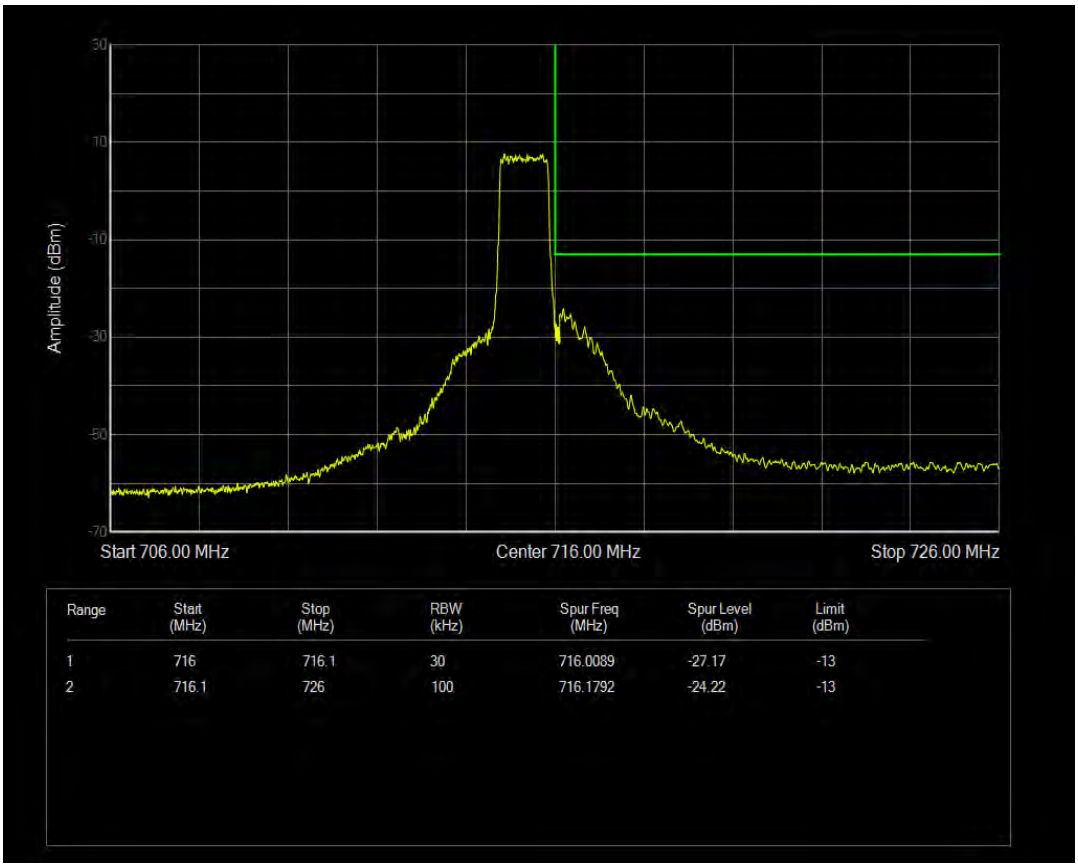
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0058	-44.66	-13
2	716.1	726	100	716.8029	-40.65	-13

Band12 16QAM BW=1.4MHz Channel=23173 RB Size=1 Position=#Max



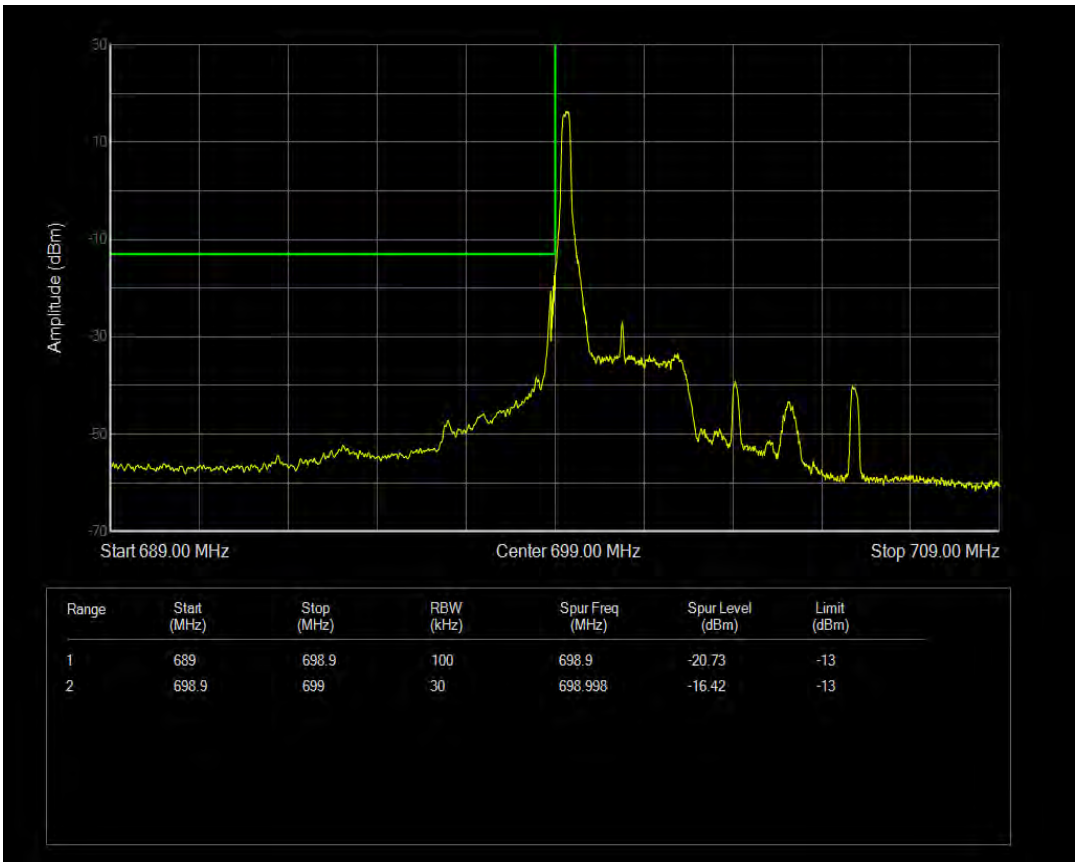
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.021	-19.33	-13
2	716.1	726	100	716.1099	-25.94	-13

Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



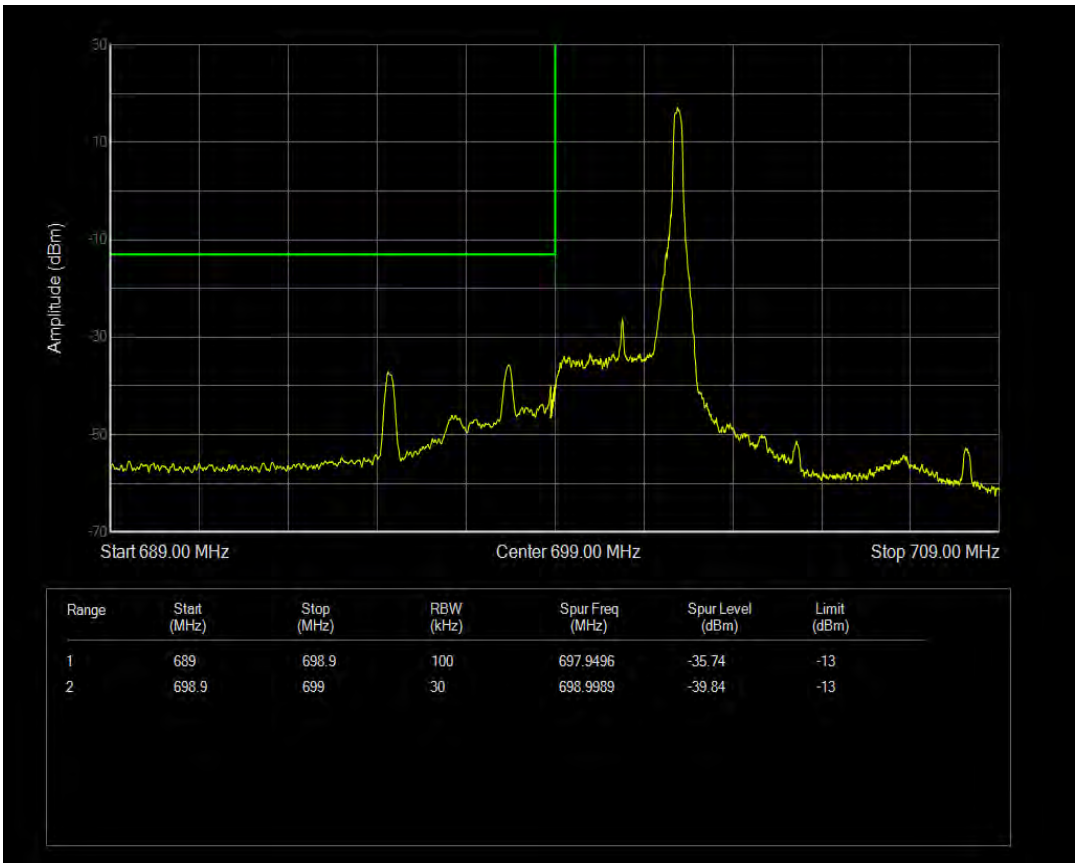
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0089	-27.17	-13
2	716.1	726	100	716.1792	-24.22	-13

Band12 QPSK BW=3MHz Channel=23025 RB Size=1 Position=#0



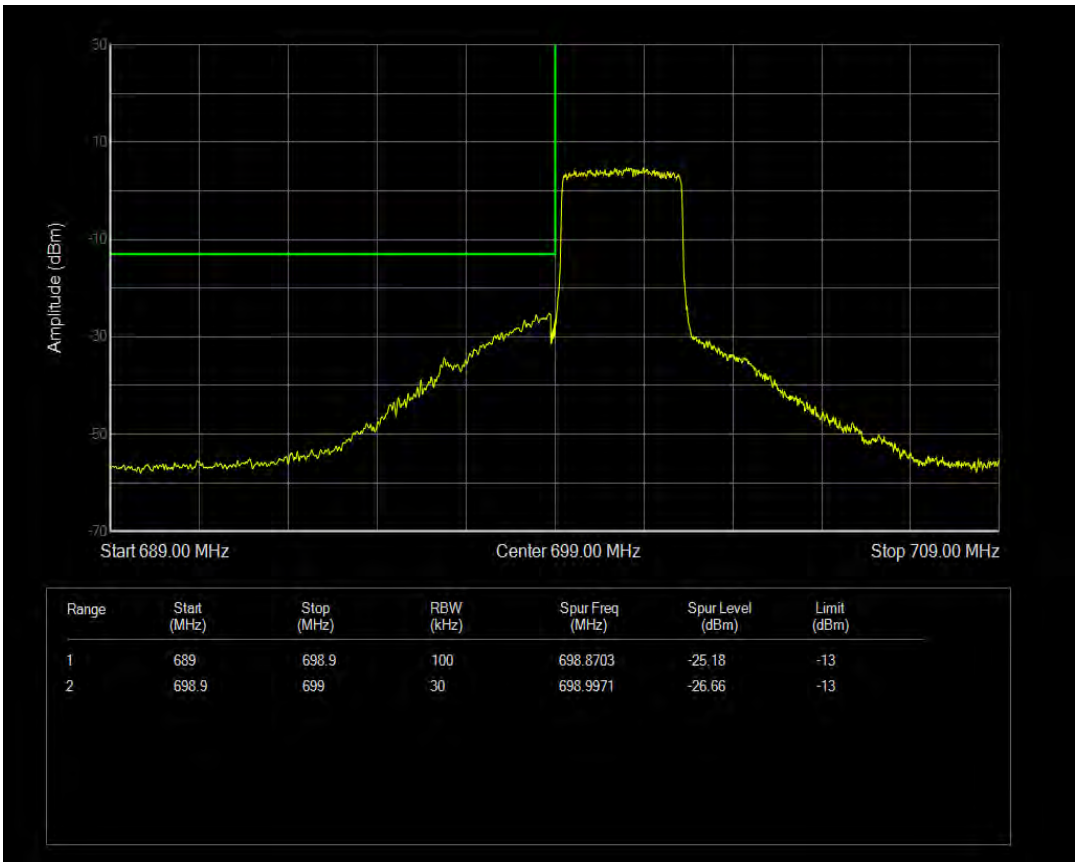
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-20.73	-13
2	698.9	699	30	698.998	-16.42	-13

Band12 QPSK BW=3MHz Channel=23025 RB Size=1 Position=#Max



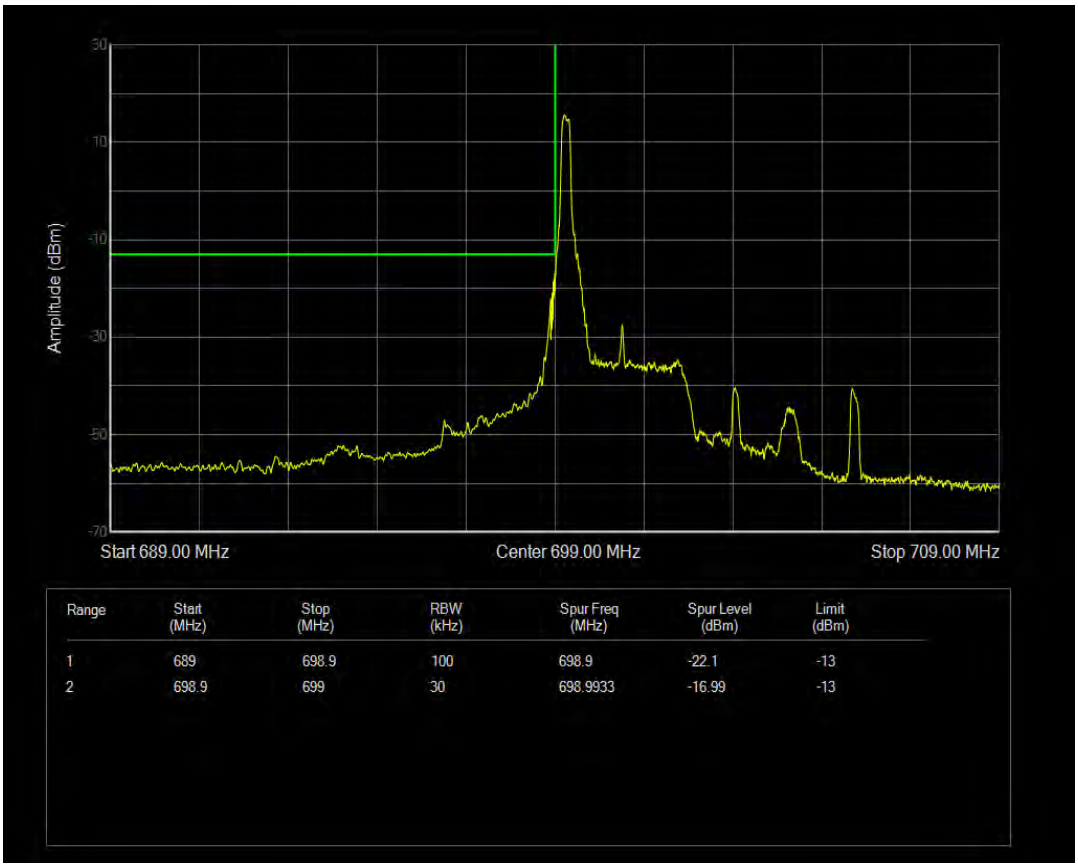
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	697.9496	-35.74	-13
2	698.9	699	30	698.9989	-39.84	-13

Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



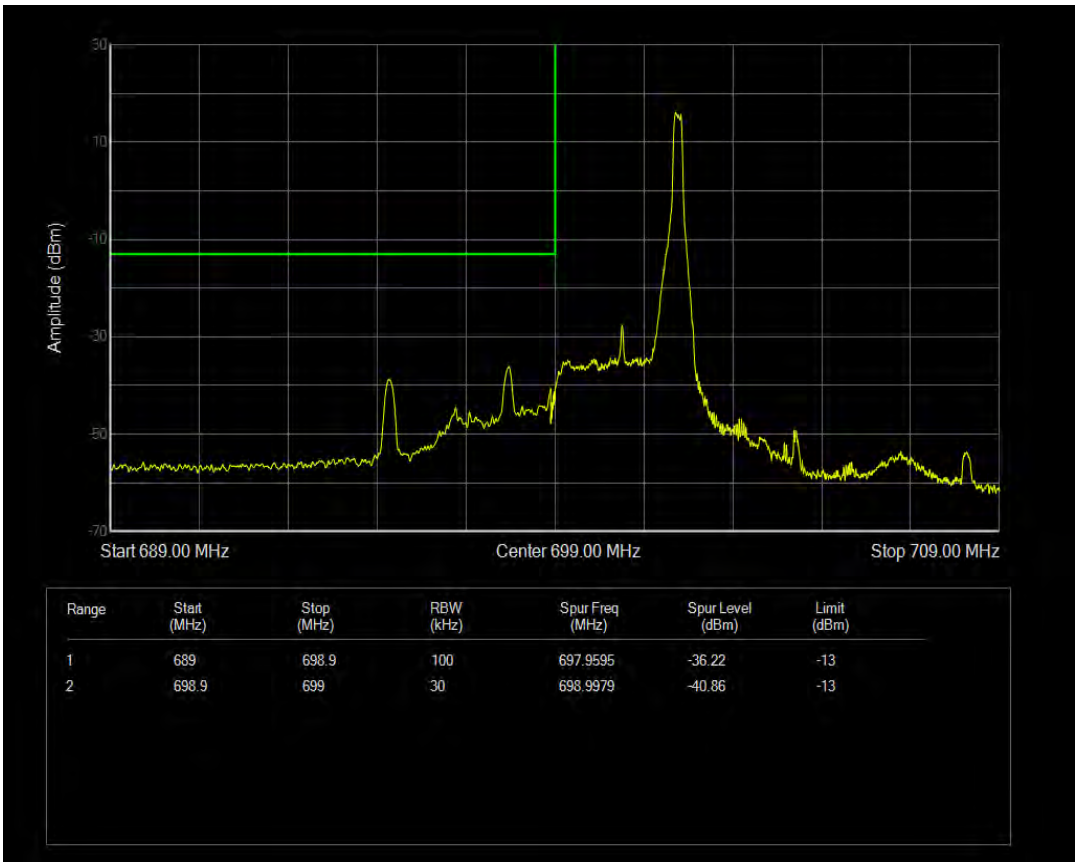
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.8703	-25.18	-13
2	698.9	699	30	698.9971	-26.66	-13

Band12 16QAM BW=3MHz Channel=23025 RB Size=1 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-22.1	-13
2	698.9	699	30	698.9933	-16.99	-13

Band12 16QAM BW=3MHz Channel=23025 RB Size=1 Position=#Max



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	697.9595	-36.22	-13
2	698.9	699	30	698.9979	-40.86	-13

Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0