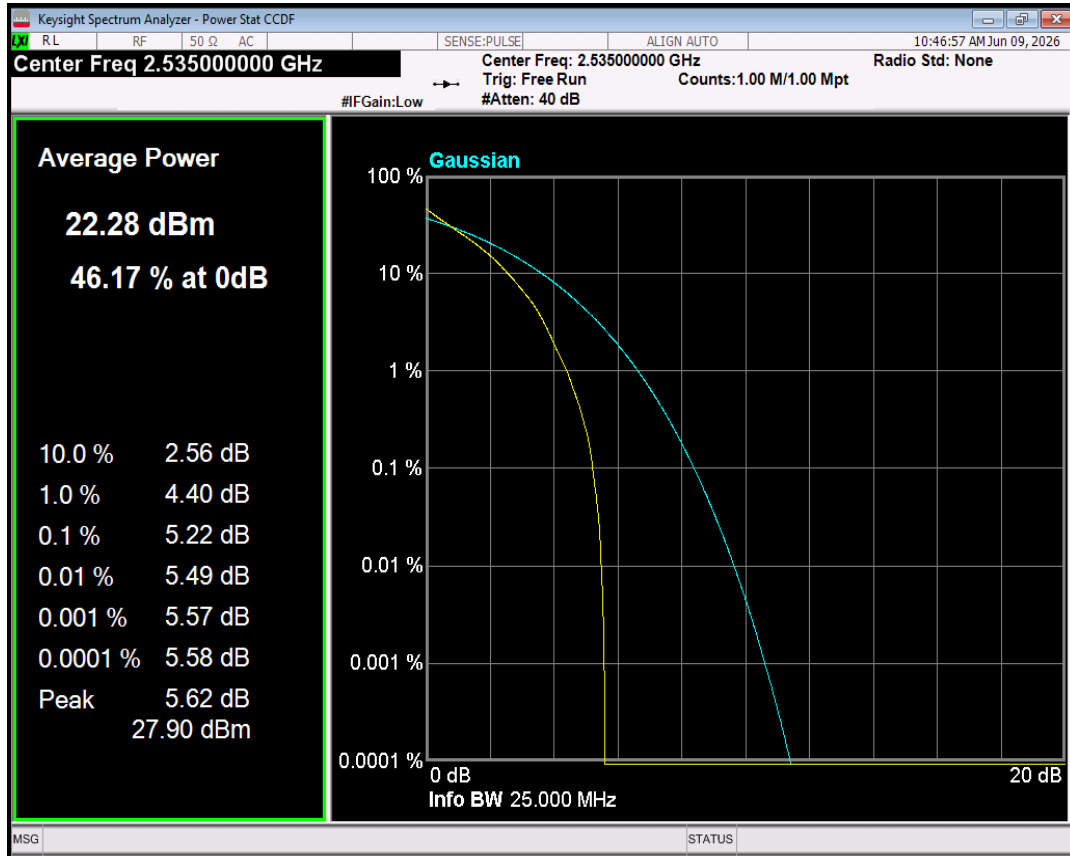
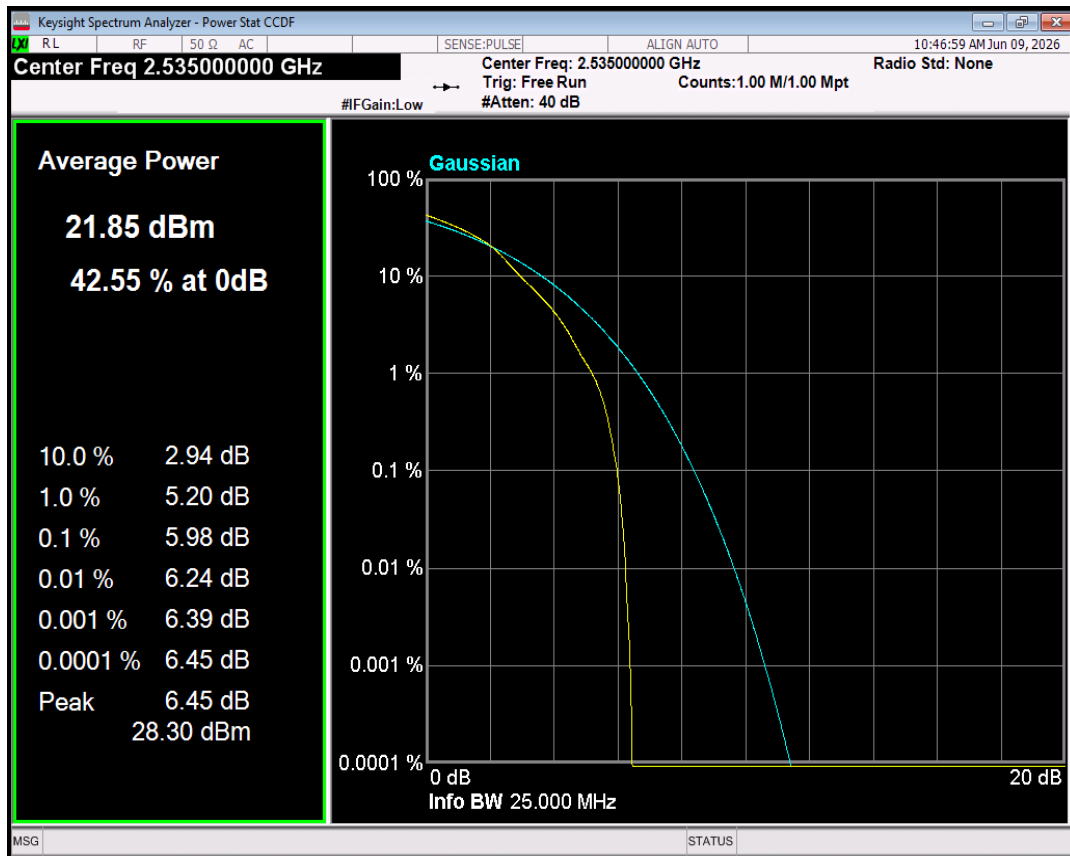
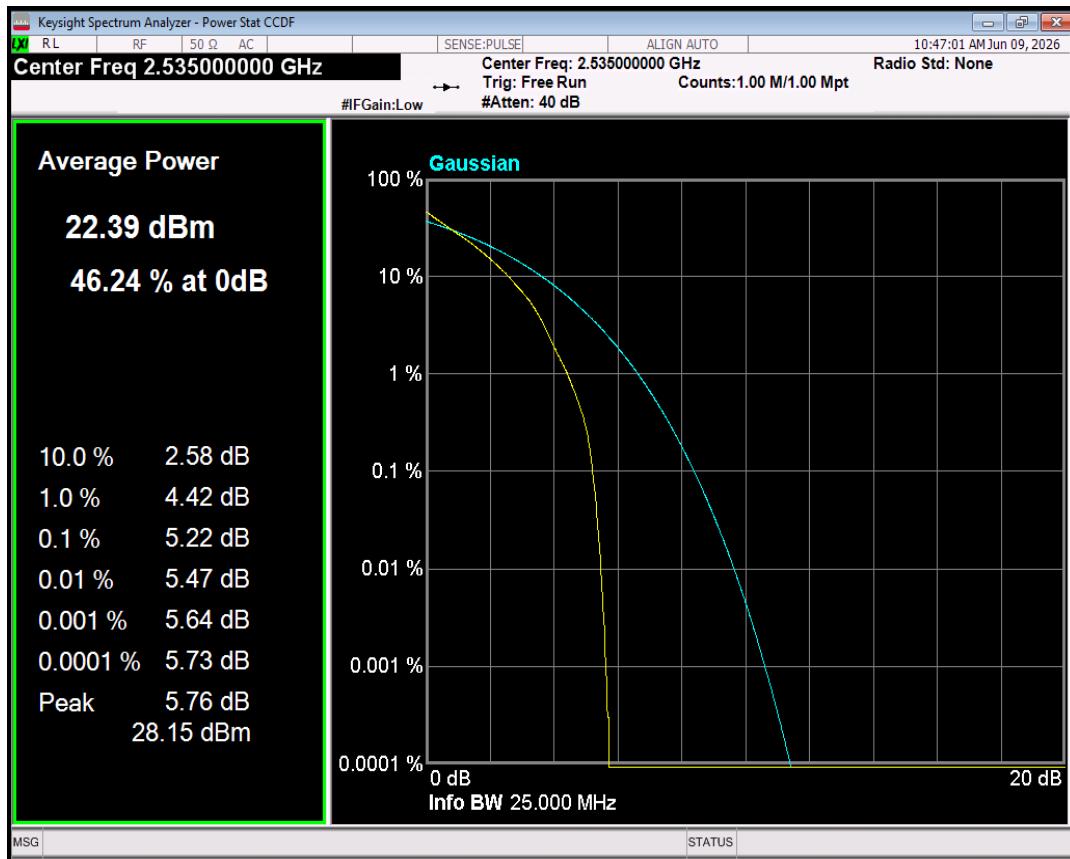




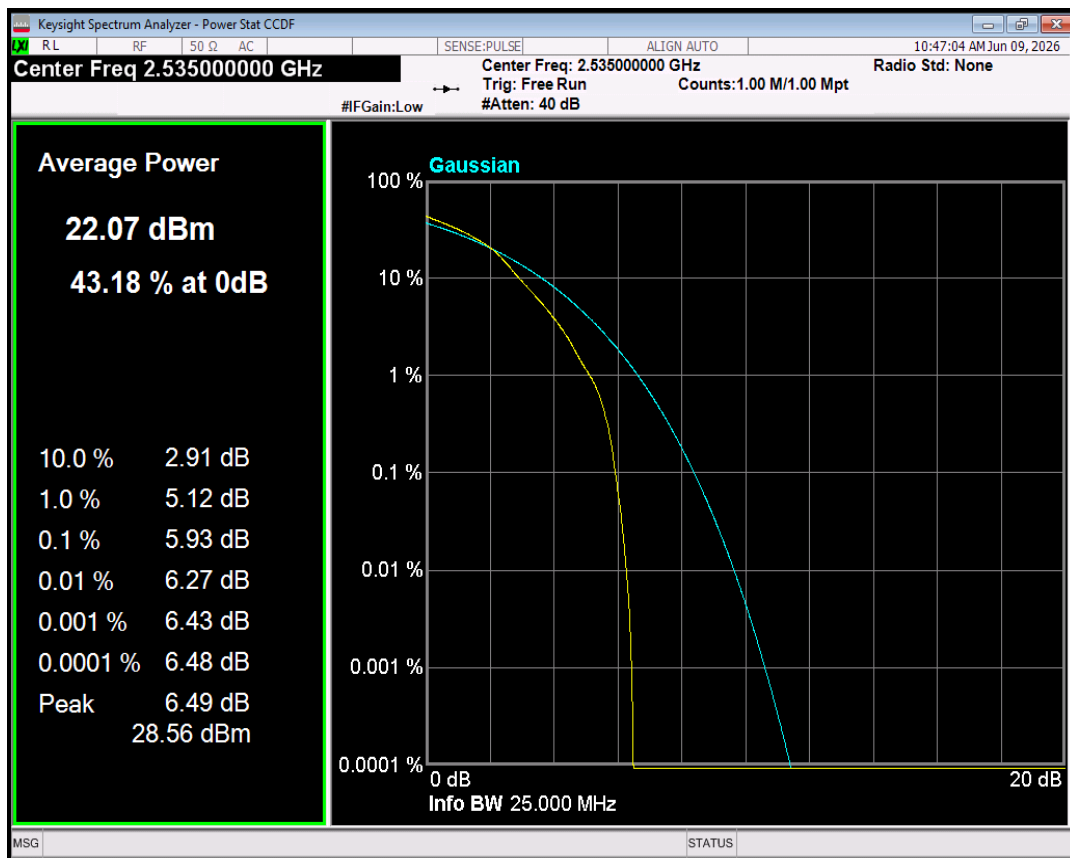
Band7 16QAM BW=10MHz Channel=21100 RB Size=1 Position=#0



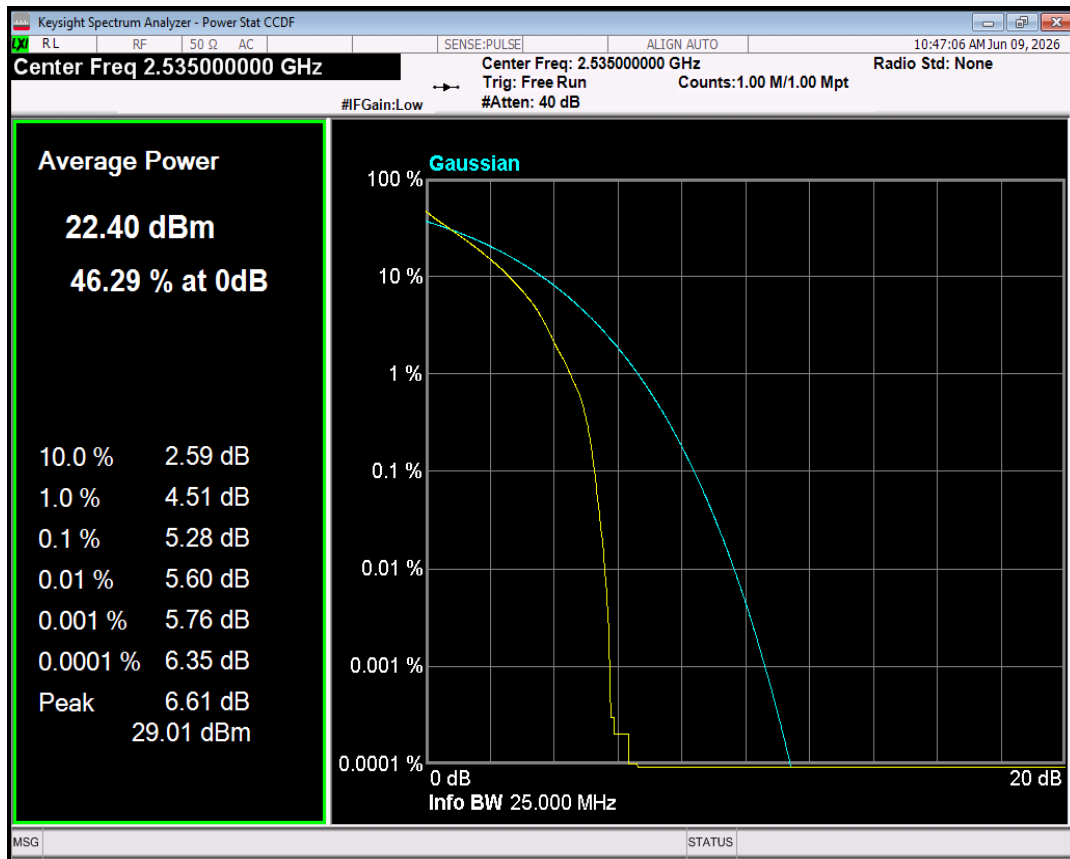
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



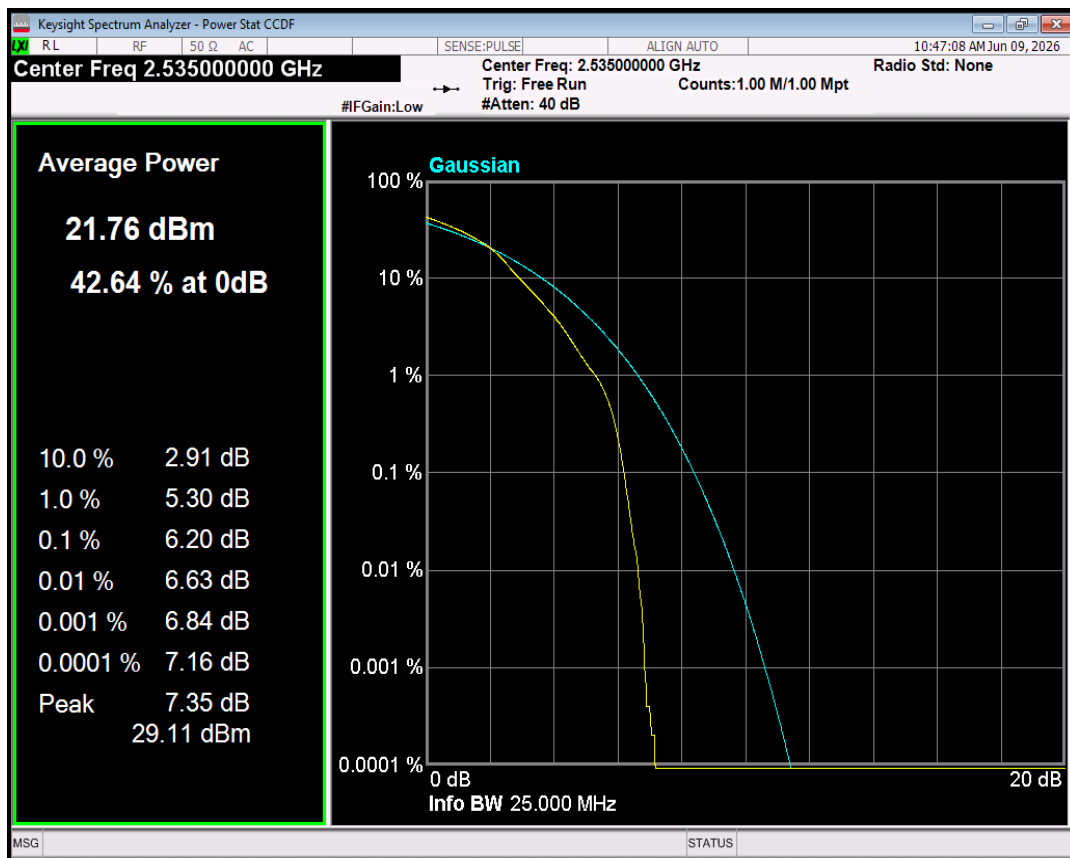
Band7 16QAM BW=15MHz Channel=21100 RB Size=1 Position=#0



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



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

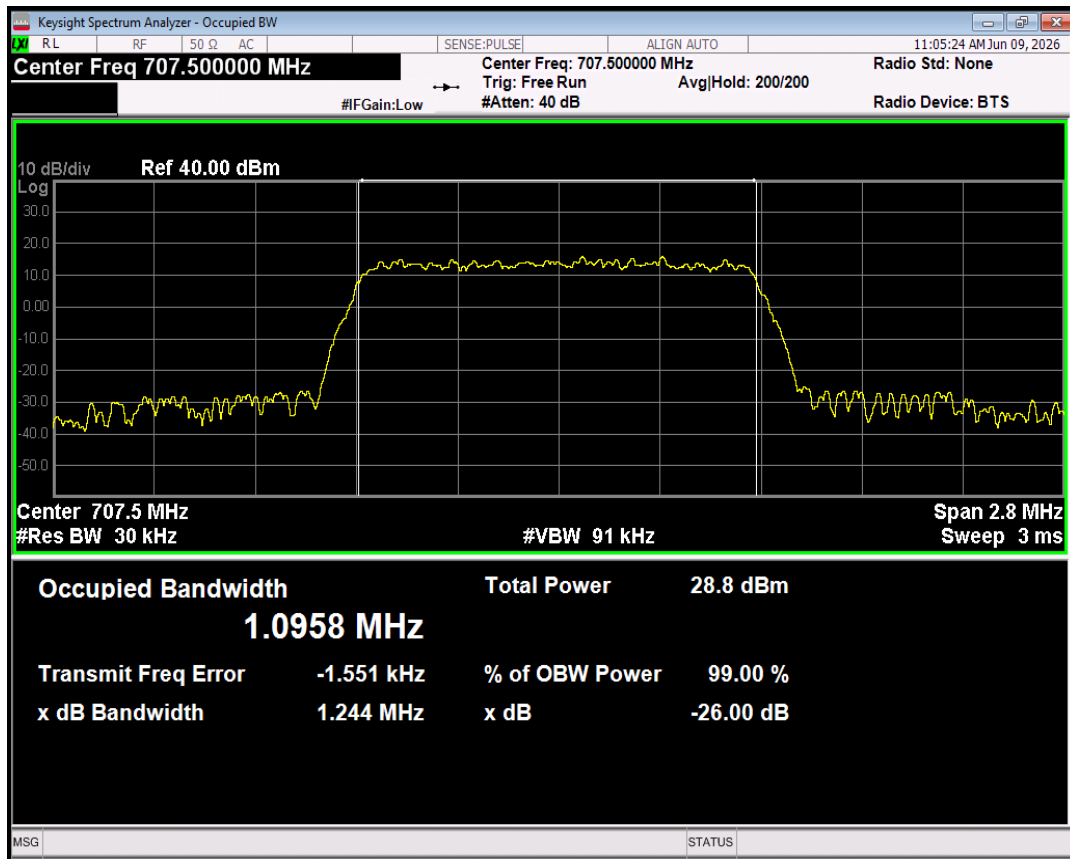


04 Occupied bandwidth

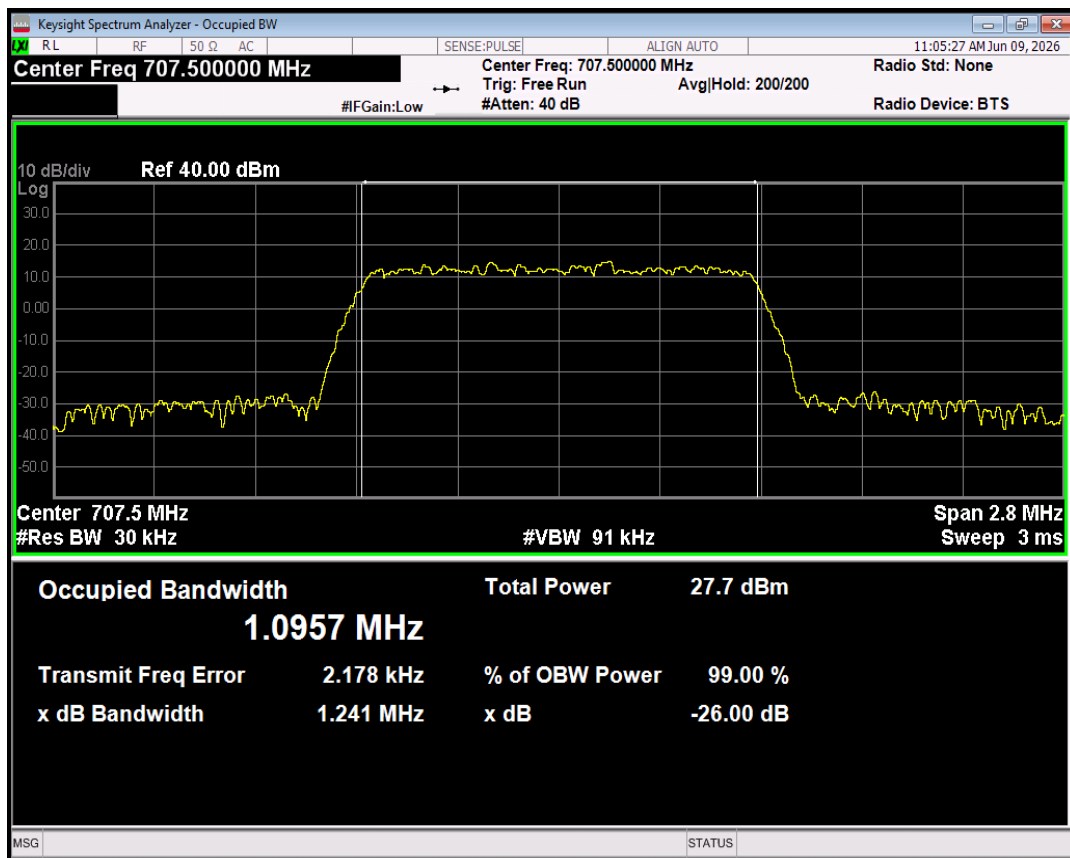
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band12	1.4	23095	6	#0	QPSK	1.096	1.244	PASS
Band12	1.4	23095	6	#0	16QAM	1.096	1.241	PASS
Band12	3	23095	15	#0	QPSK	2.705	3.028	PASS
Band12	3	23095	15	#0	16QAM	2.696	3.044	PASS
Band12	5	23095	25	#0	QPSK	4.488	4.950	PASS
Band12	5	23095	25	#0	16QAM	4.472	4.938	PASS
Band12	10	23095	50	#0	QPSK	8.967	9.765	PASS
Band12	10	23095	50	#0	16QAM	8.905	9.690	PASS
Band13	5	23230	25	#0	QPSK	4.501	4.978	PASS
Band13	5	23230	25	#0	16QAM	4.492	4.928	PASS
Band13	10	23230	50	#0	QPSK	9.018	9.830	PASS
Band13	10	23230	50	#0	16QAM	8.973	9.849	PASS
Band17	5	23790	25	#0	QPSK	4.489	4.945	PASS
Band17	5	23790	25	#0	16QAM	4.499	4.948	PASS
Band17	10	23790	50	#0	QPSK	8.975	9.848	PASS
Band17	10	23790	50	#0	16QAM	8.974	9.812	PASS
Band2	1.4	18900	6	#0	QPSK	1.093	1.236	PASS
Band2	1.4	18900	6	#0	16QAM	1.098	1.244	PASS
Band2	3	18900	15	#0	QPSK	2.718	3.061	PASS
Band2	3	18900	15	#0	16QAM	2.715	3.052	PASS
Band2	5	18900	25	#0	QPSK	4.493	4.947	PASS
Band2	5	18900	25	#0	16QAM	4.495	4.904	PASS
Band2	10	18900	50	#0	QPSK	9.000	9.839	PASS
Band2	10	18900	50	#0	16QAM	8.988	9.851	PASS
Band2	15	18900	75	#0	QPSK	13.498	14.881	PASS
Band2	15	18900	75	#0	16QAM	13.456	14.782	PASS
Band2	20	18900	100	#0	QPSK	18.046	19.693	PASS
Band2	20	18900	100	#0	16QAM	17.995	19.727	PASS
Band38	5	38000	25	#0	QPSK	4.495	4.970	PASS
Band38	5	38000	25	#0	16QAM	4.512	4.931	PASS
Band38	10	38000	50	#0	QPSK	8.978	9.990	PASS
Band38	10	38000	50	#0	16QAM	8.968	9.799	PASS
Band38	15	38000	75	#0	QPSK	13.510	14.844	PASS
Band38	15	38000	75	#0	16QAM	13.467	14.630	PASS
Band38	20	38000	100	#0	QPSK	18.000	19.808	PASS
Band38	20	38000	100	#0	16QAM	17.931	19.606	PASS
Band4	1.4	20175	6	#0	QPSK	1.099	1.245	PASS
Band4	1.4	20175	6	#0	16QAM	1.101	1.250	PASS
Band4	3	20175	15	#0	QPSK	2.716	3.032	PASS
Band4	3	20175	15	#0	16QAM	2.695	3.048	PASS
Band4	5	20175	25	#0	QPSK	4.491	4.935	PASS
Band4	5	20175	25	#0	16QAM	4.504	4.952	PASS

Band4	10	20175	50	#0	QPSK	9.000	9.813	PASS
Band4	10	20175	50	#0	16QAM	8.992	9.791	PASS
Band4	15	20175	75	#0	QPSK	13.463	14.997	PASS
Band4	15	20175	75	#0	16QAM	13.454	14.831	PASS
Band4	20	20175	100	#0	QPSK	17.967	19.783	PASS
Band4	20	20175	100	#0	16QAM	17.974	19.716	PASS
Band41(2535-2655)	5	40640	25	#0	QPSK	4.498	4.984	PASS
Band41(2535-2655)	5	40640	25	#0	16QAM	4.500	4.970	PASS
Band41(2535-2655)	10	40640	50	#0	QPSK	8.978	9.638	PASS
Band41(2535-2655)	10	40640	50	#0	16QAM	8.986	10.304	PASS
Band41(2535-2655)	15	40640	75	#0	QPSK	13.469	14.788	PASS
Band41(2535-2655)	15	40640	75	#0	16QAM	13.471	14.576	PASS
Band41(2535-2655)	20	40640	100	#0	QPSK	17.993	19.593	PASS
Band41(2535-2655)	20	40640	100	#0	16QAM	17.945	19.388	PASS
Band5	1.4	20525	6	#0	QPSK	1.095	1.241	PASS
Band5	1.4	20525	6	#0	16QAM	1.099	1.244	PASS
Band5	3	20525	15	#0	QPSK	2.710	3.053	PASS
Band5	3	20525	15	#0	16QAM	2.706	3.001	PASS
Band5	5	20525	25	#0	QPSK	4.500	4.946	PASS
Band5	5	20525	25	#0	16QAM	4.504	4.973	PASS
Band5	10	20525	50	#0	QPSK	9.012	9.772	PASS
Band5	10	20525	50	#0	16QAM	8.988	9.813	PASS
Band66	1.4	132322	6	#0	QPSK	1.093	1.244	PASS
Band66	1.4	132322	6	#0	16QAM	1.100	1.240	PASS
Band66	3	132322	15	#0	QPSK	2.722	3.055	PASS
Band66	3	132322	15	#0	16QAM	2.705	3.037	PASS
Band66	5	132322	25	#0	QPSK	4.504	4.965	PASS
Band66	5	132322	25	#0	16QAM	4.501	4.974	PASS
Band66	10	132322	50	#0	QPSK	8.991	9.788	PASS
Band66	10	132322	50	#0	16QAM	8.972	9.829	PASS
Band66	15	132322	75	#0	QPSK	13.478	14.895	PASS
Band66	15	132322	75	#0	16QAM	13.442	14.677	PASS
Band66	20	132322	100	#0	QPSK	18.002	19.799	PASS
Band66	20	132322	100	#0	16QAM	18.015	19.584	PASS
Band7	5	21100	25	#0	QPSK	4.496	4.962	PASS
Band7	5	21100	25	#0	16QAM	4.493	4.943	PASS
Band7	10	21100	50	#0	QPSK	8.977	9.796	PASS
Band7	10	21100	50	#0	16QAM	8.980	9.791	PASS
Band7	15	21100	75	#0	QPSK	13.463	14.648	PASS
Band7	15	21100	75	#0	16QAM	13.483	14.970	PASS
Band7	20	21100	100	#0	QPSK	17.933	19.626	PASS
Band7	20	21100	100	#0	16QAM	18.007	19.696	PASS

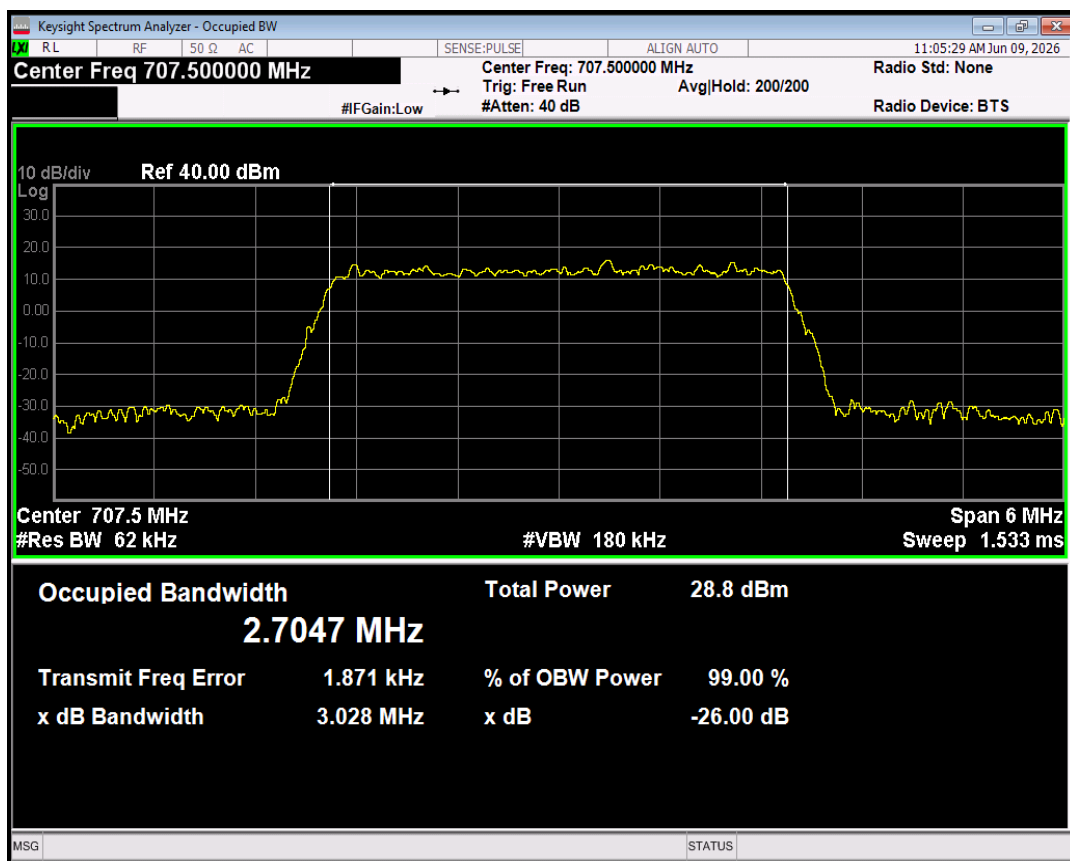
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



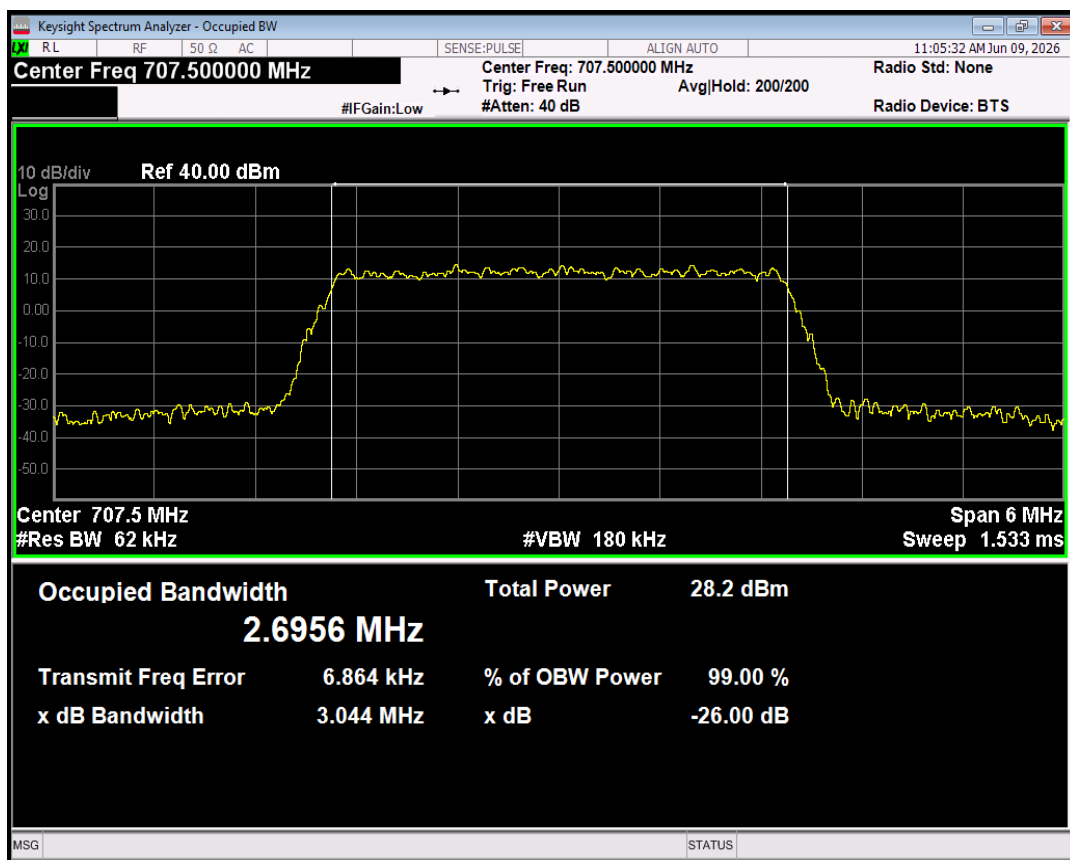
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0



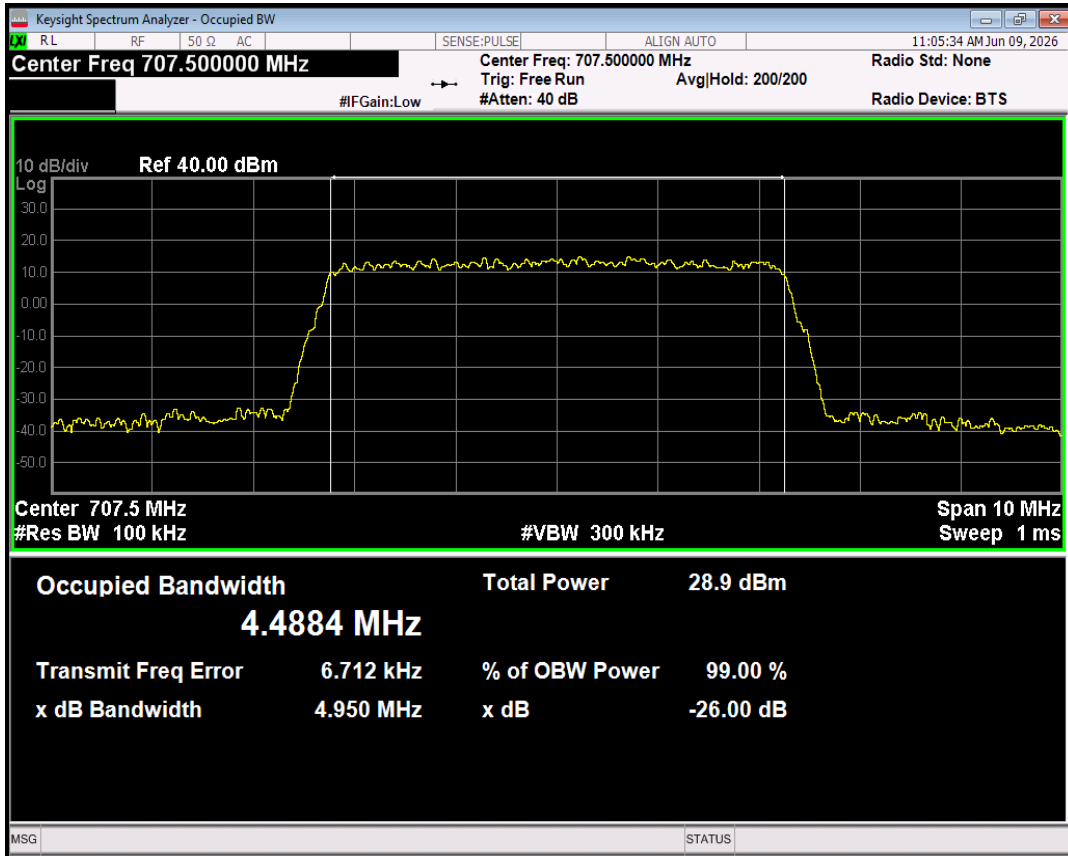
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



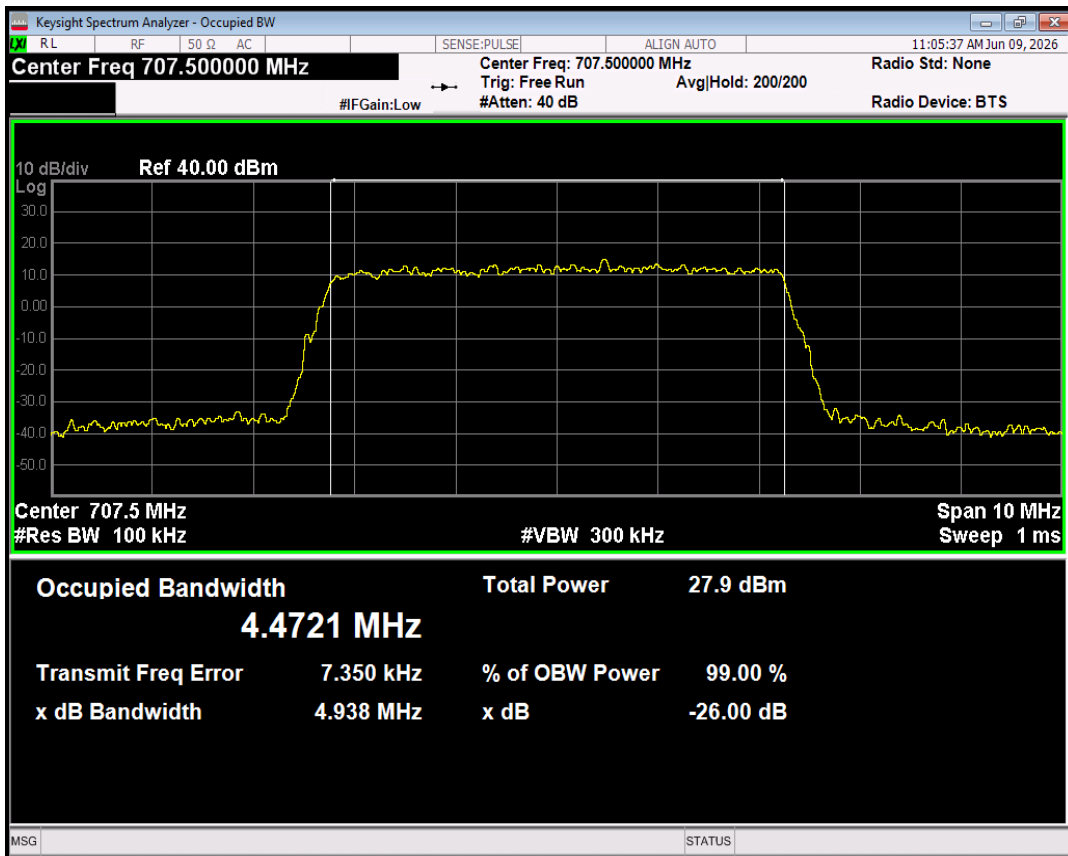
Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0



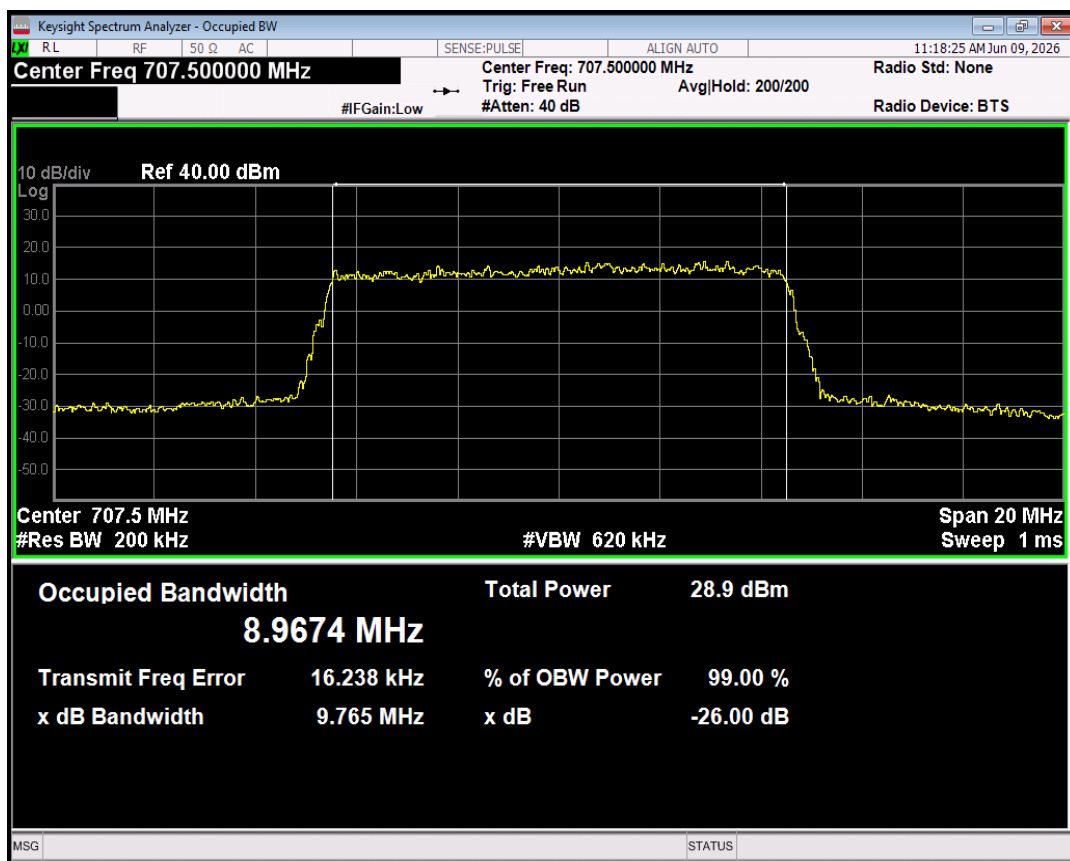
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



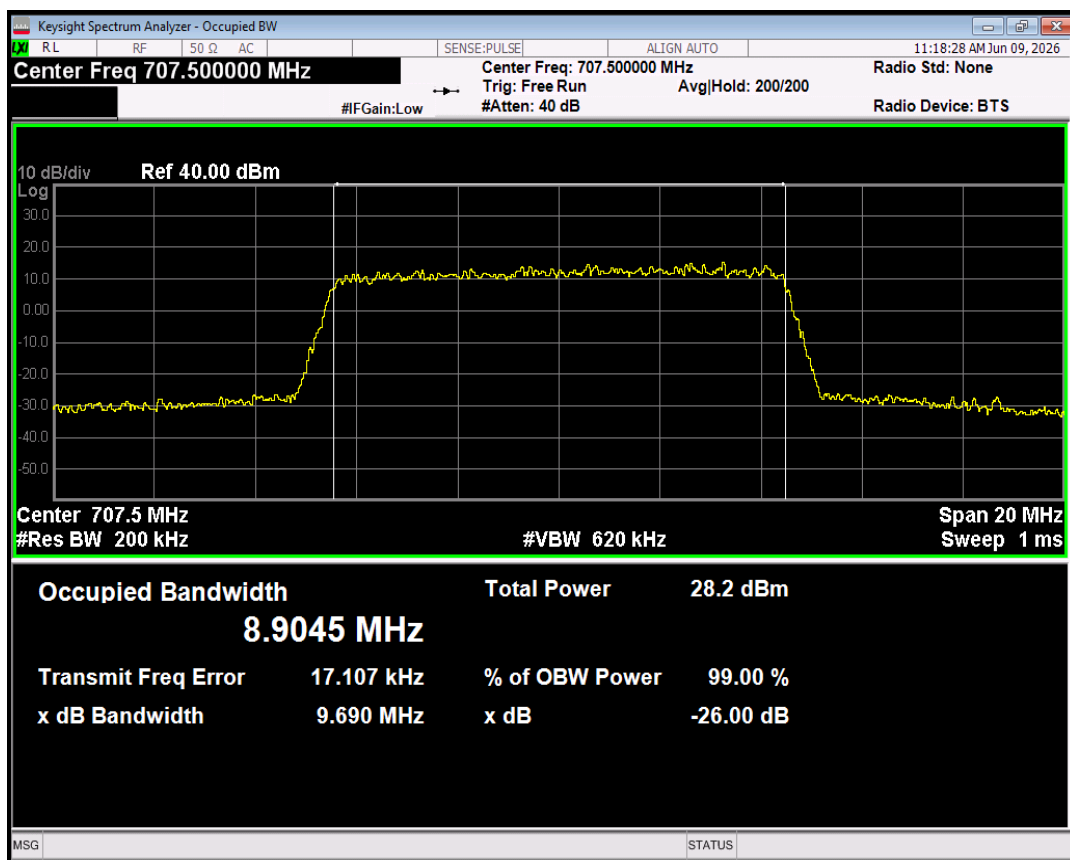
Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0



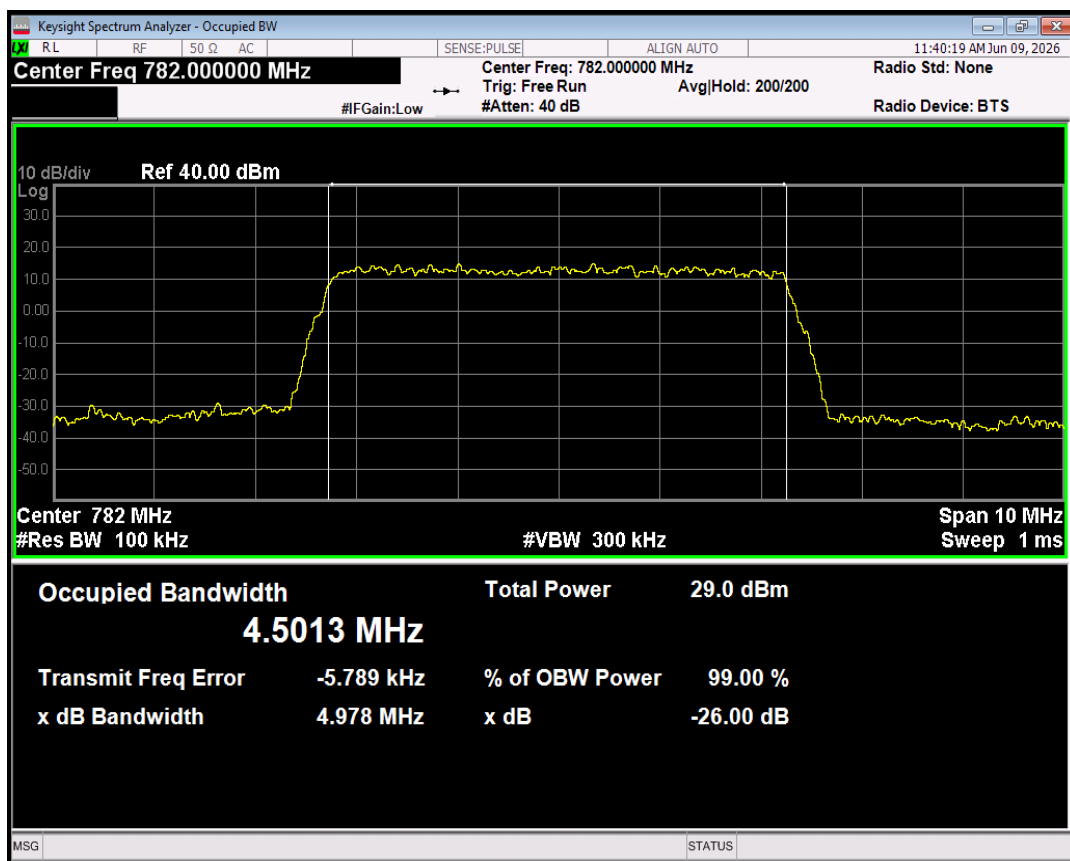
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



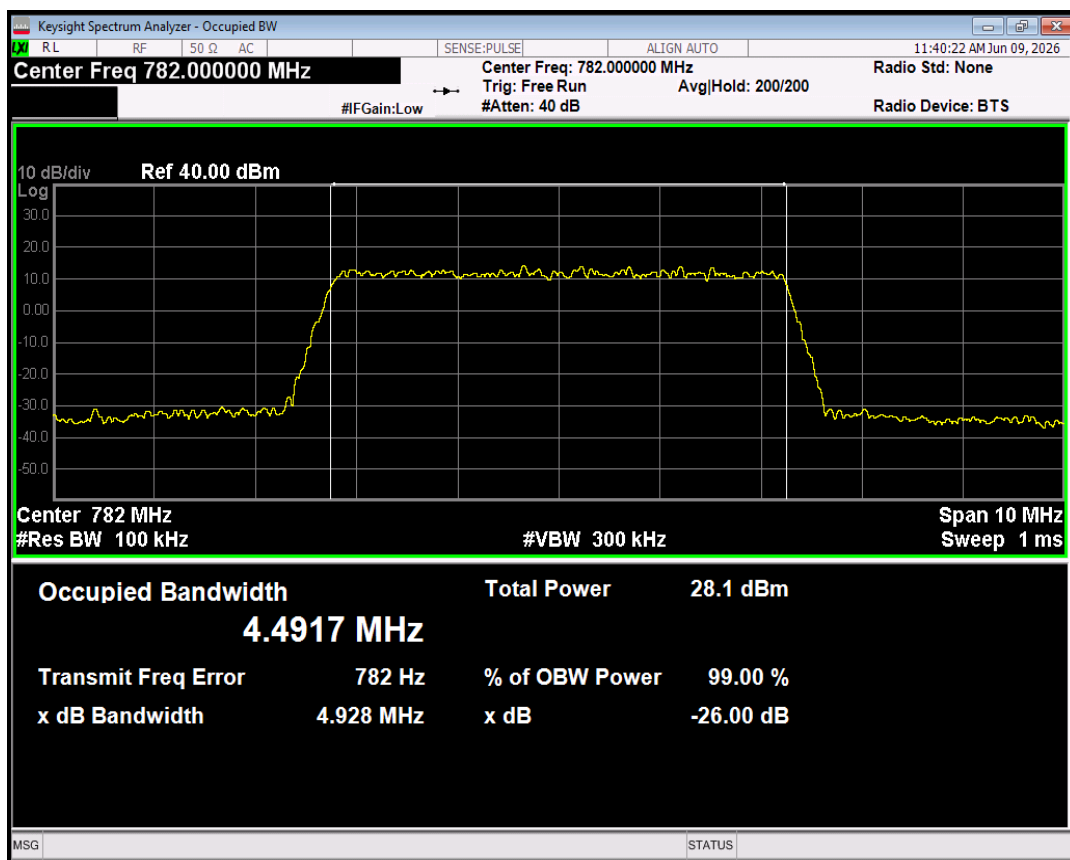
Band12 16QAM BW=10MHz Channel=23095 RB Size=50 Position=#0



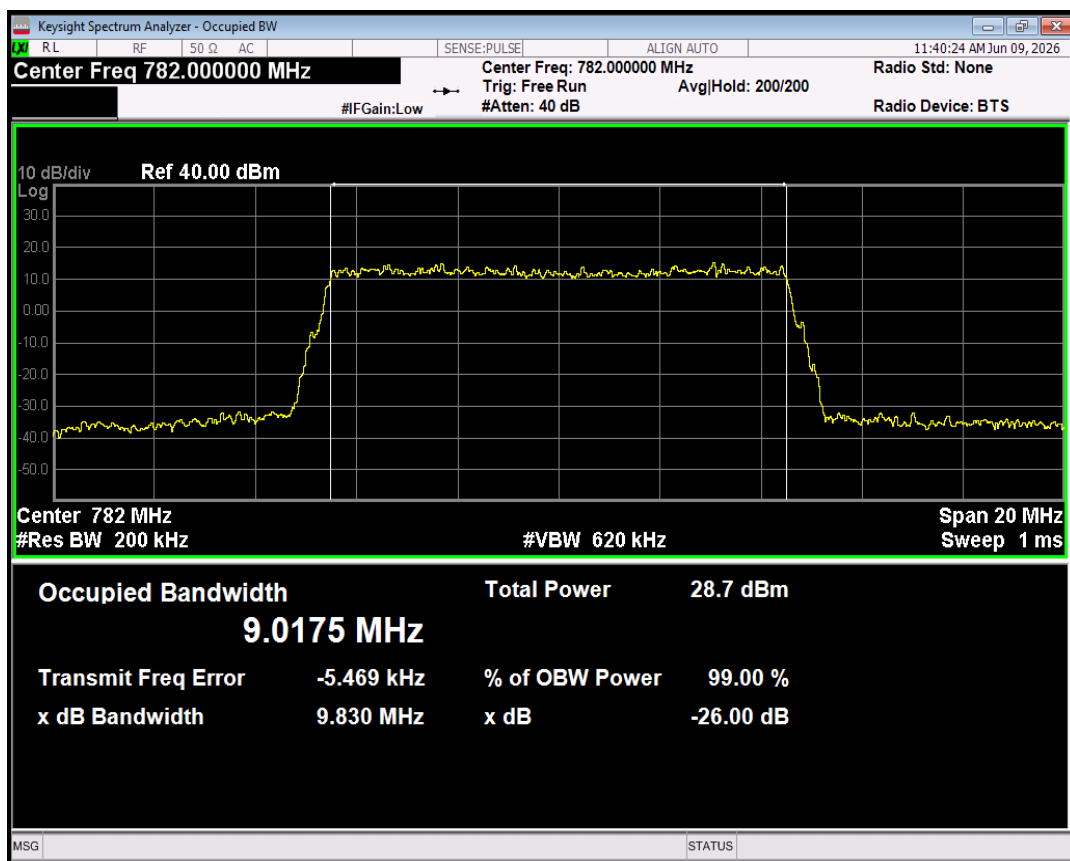
Band13 QPSK BW=5MHz Channel=23230 RB Size=25 Position=#0



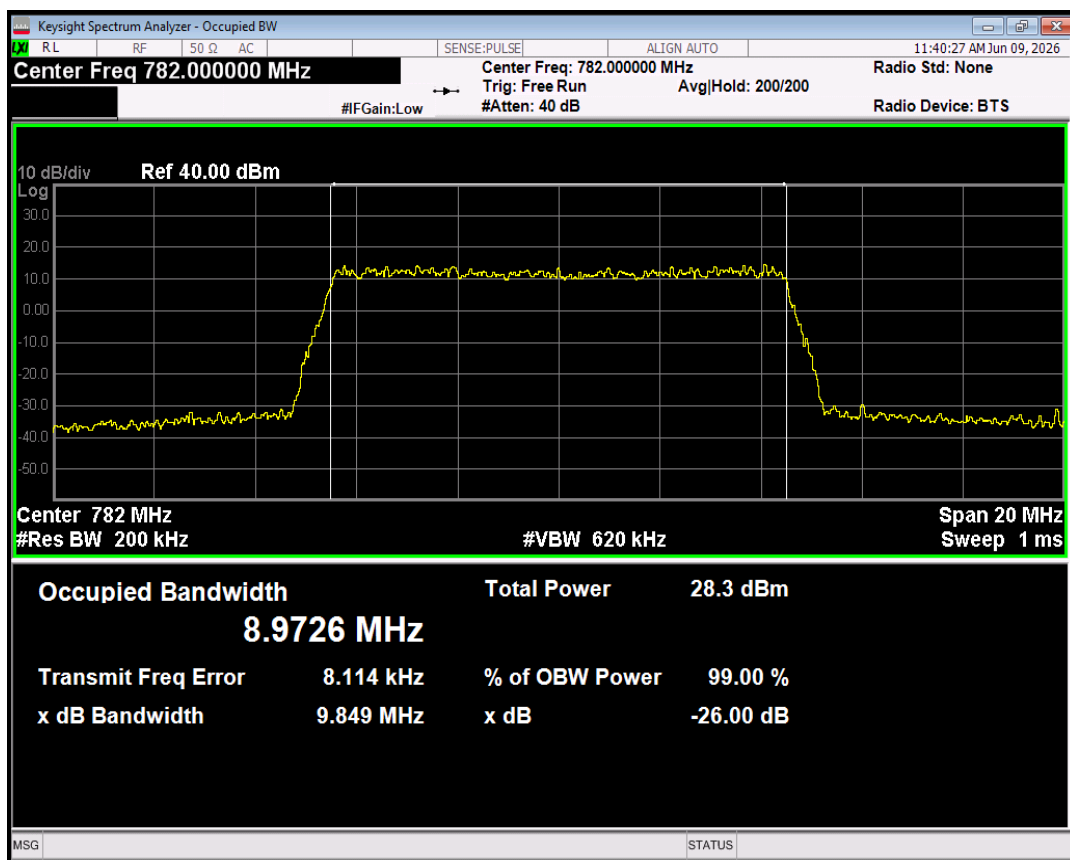
Band13 16QAM BW=5MHz Channel=23230 RB Size=25 Position=#0



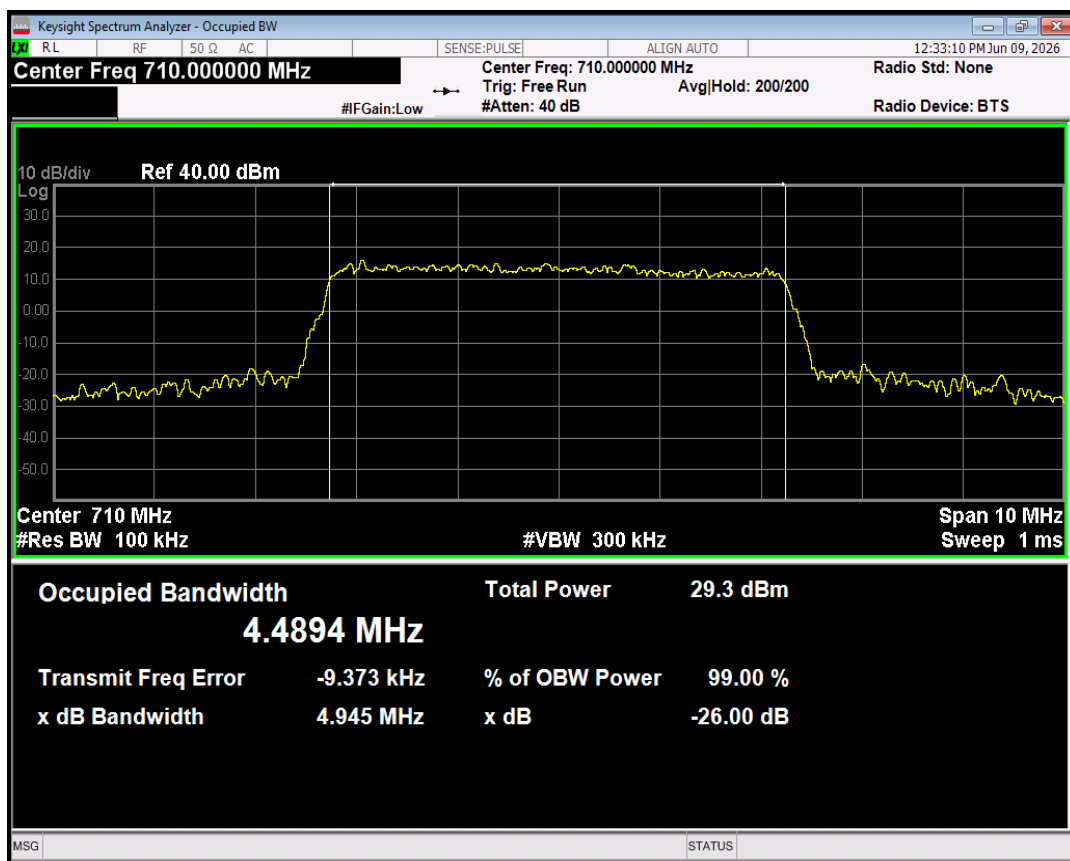
Band13 QPSK BW=10MHz Channel=23230 RB Size=50 Position=#0



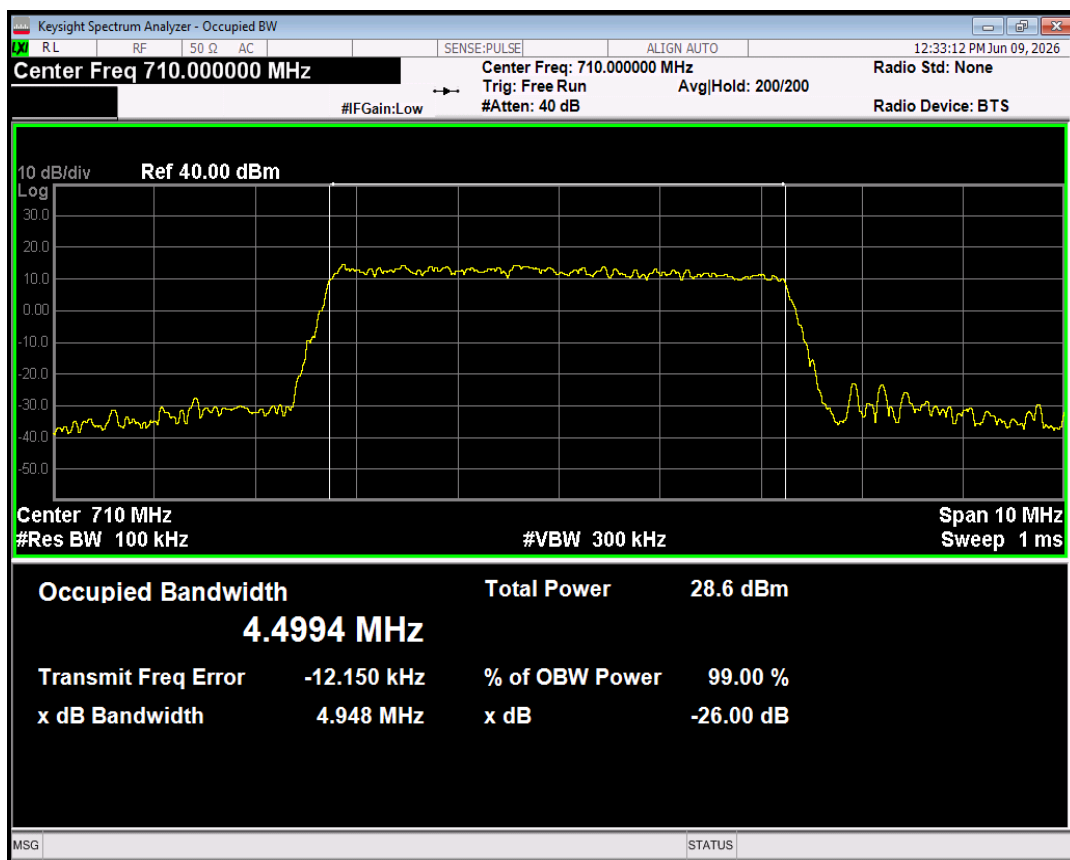
Band13 16QAM BW=10MHz Channel=23230 RB Size=50 Position=#0



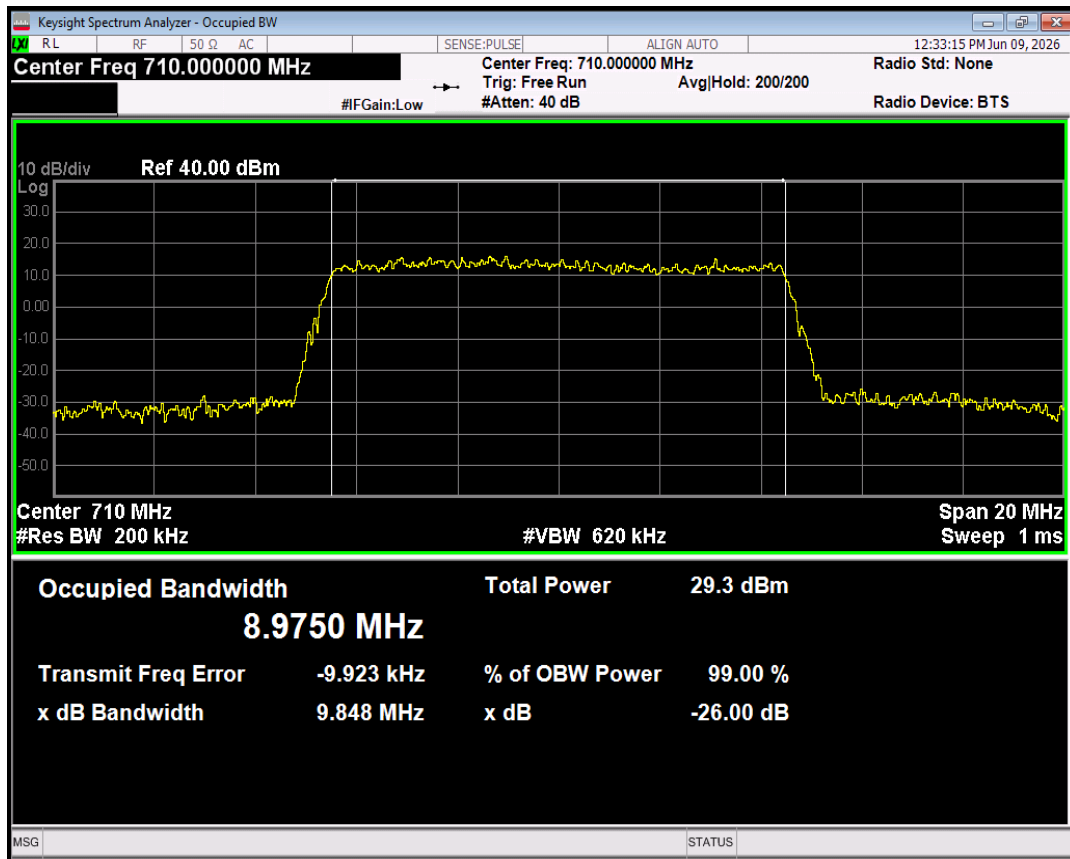
Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0



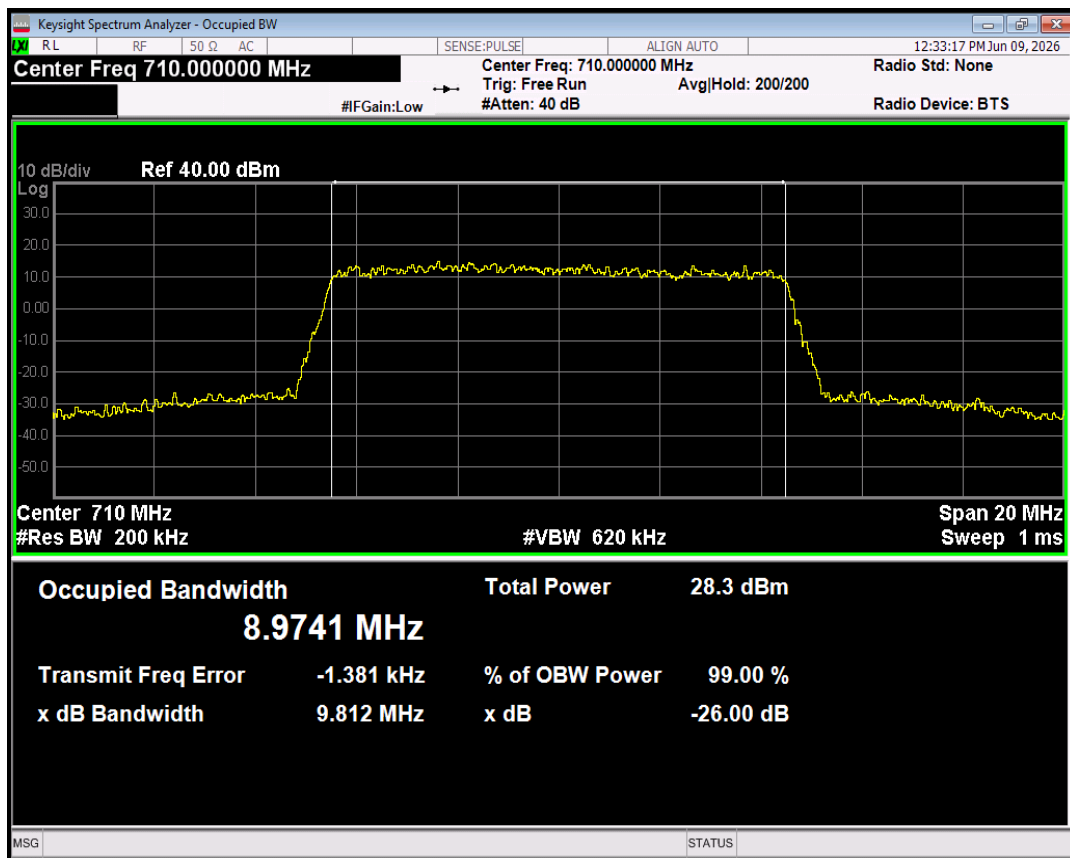
Band17 16QAM BW=5MHz Channel=23790 RB Size=25 Position=#0



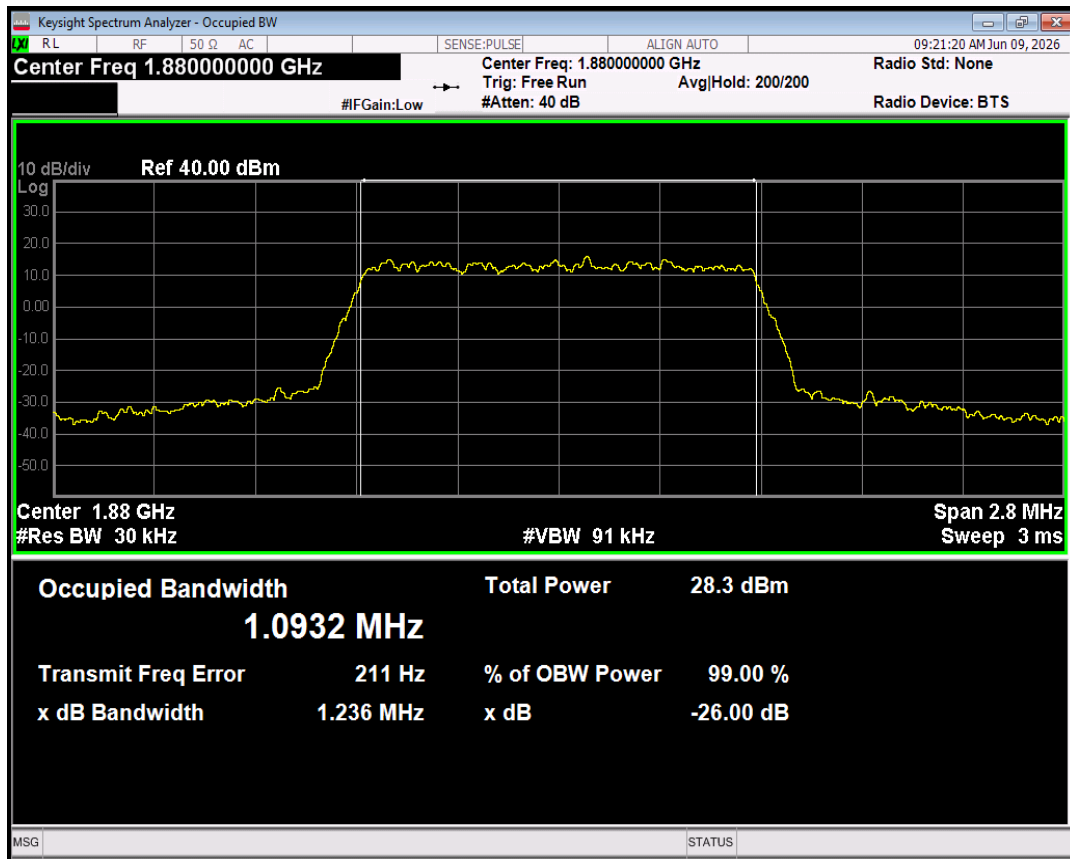
Band17 QPSK BW=10MHz Channel=23790 RB Size=50 Position=#0



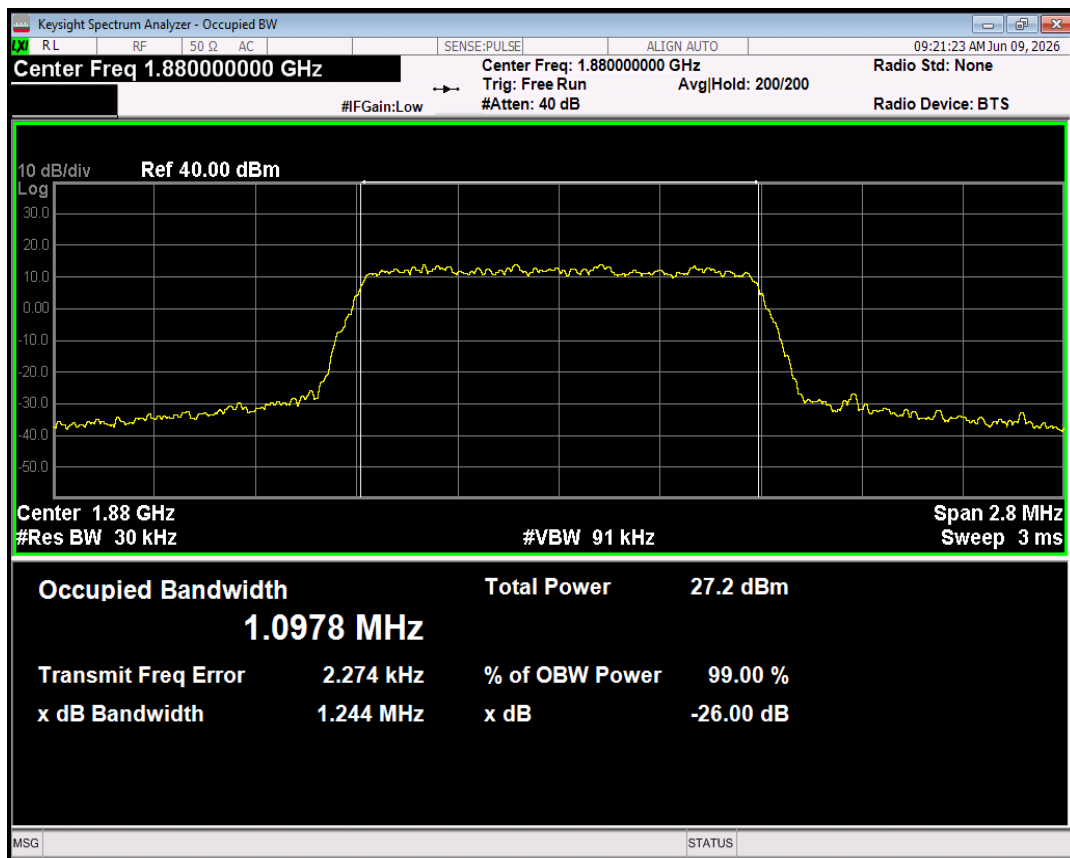
Band17 16QAM BW=10MHz Channel=23790 RB Size=50 Position=#0



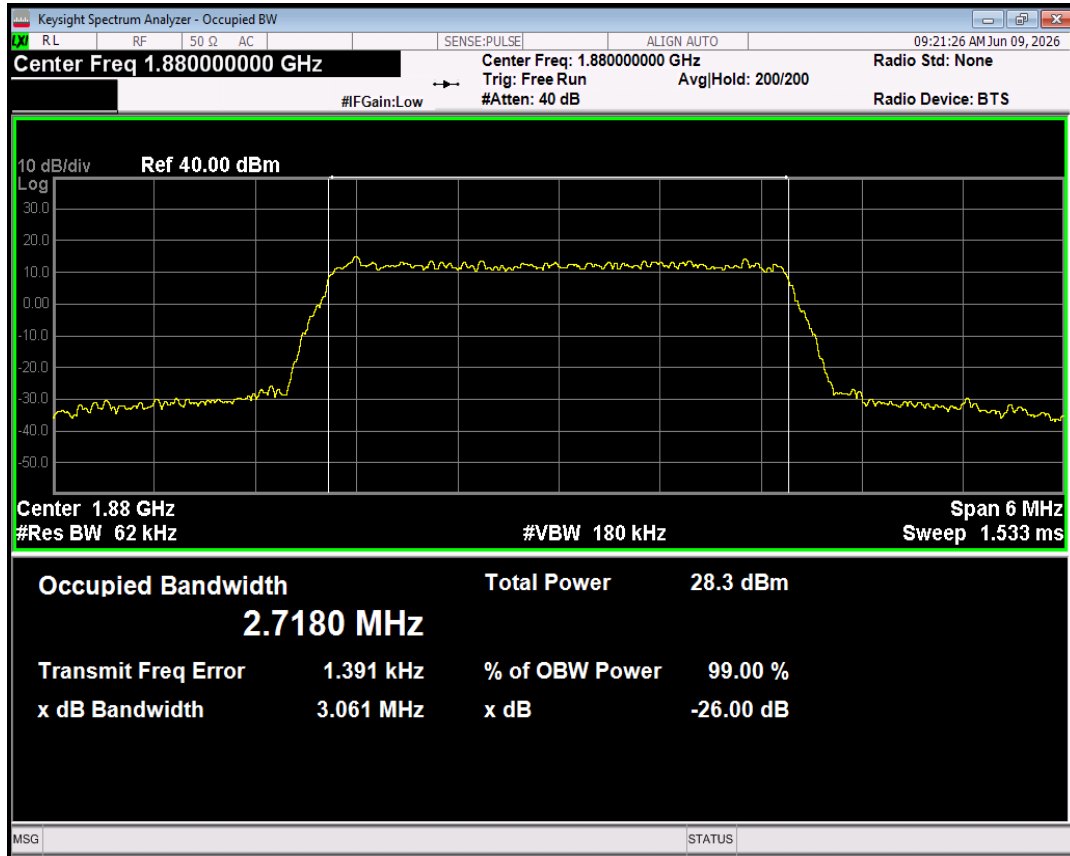
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



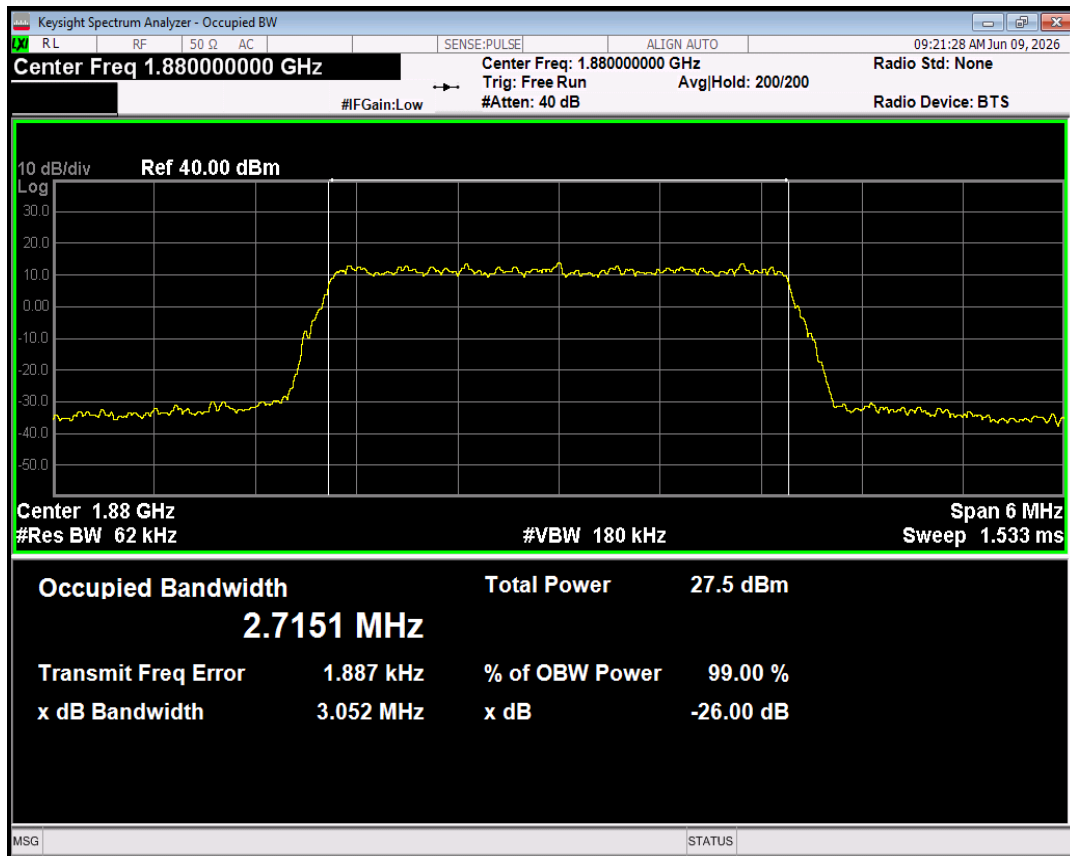
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



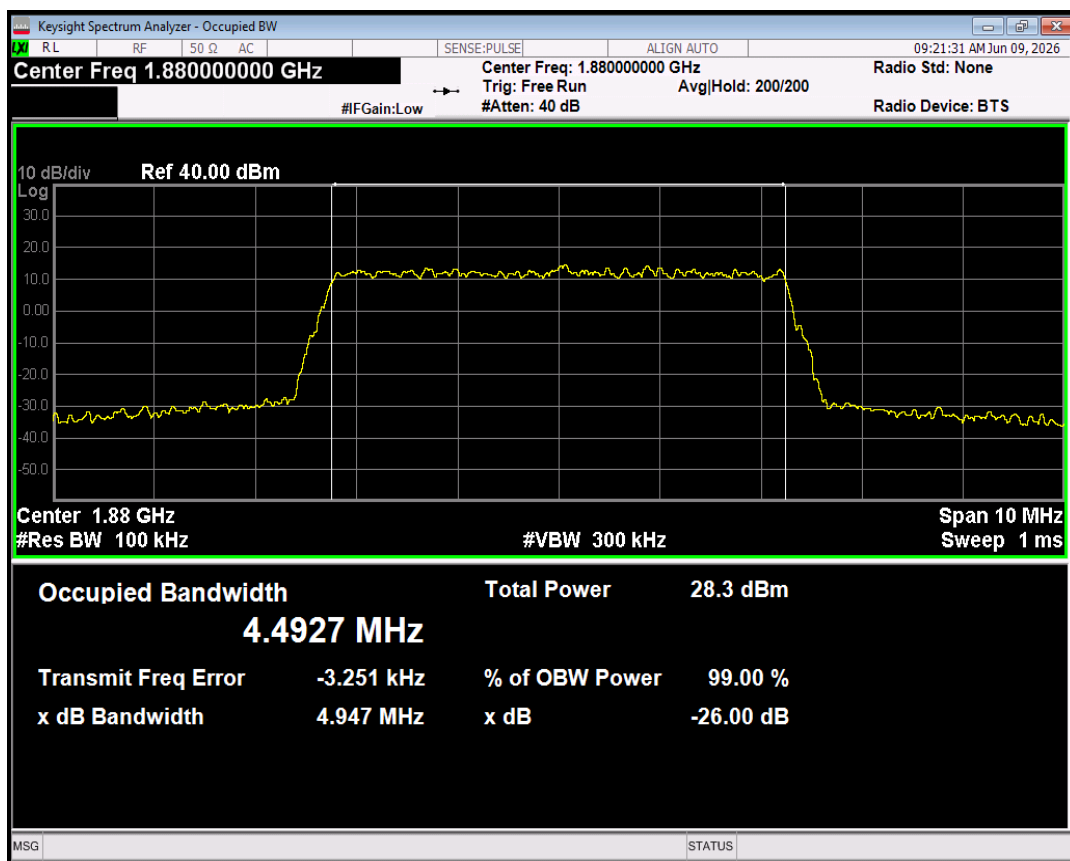
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



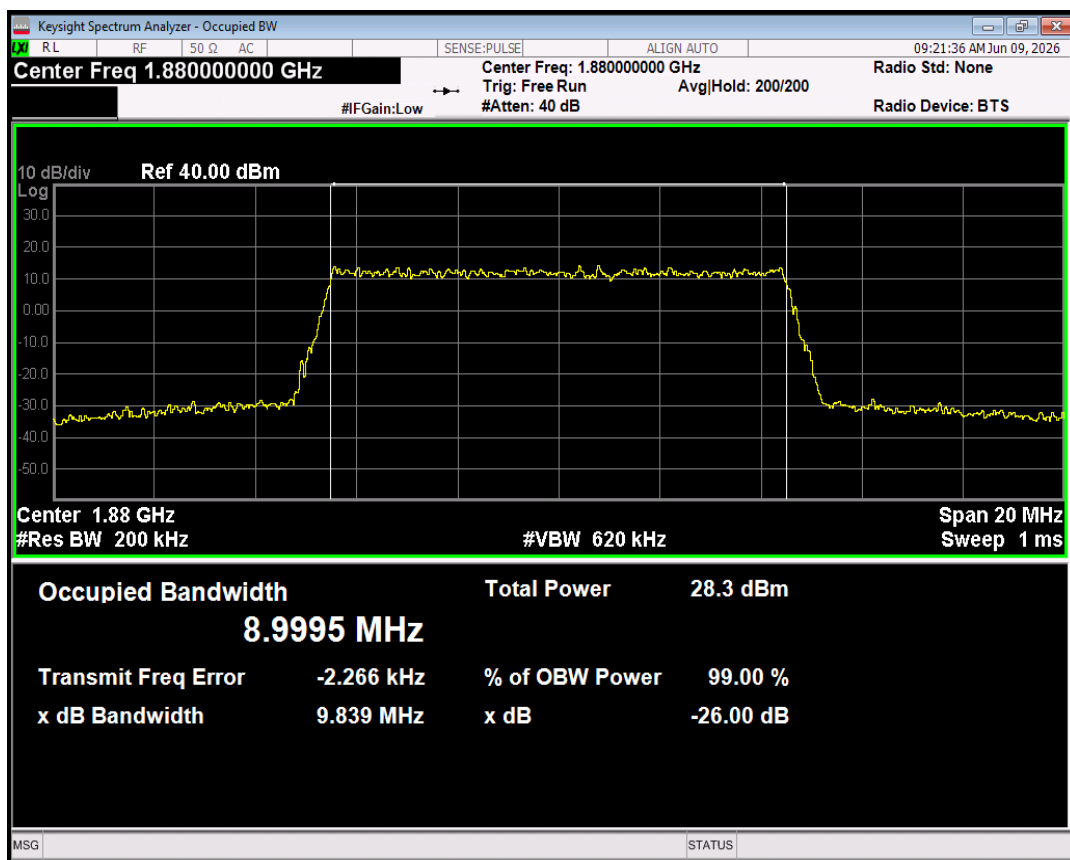
Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



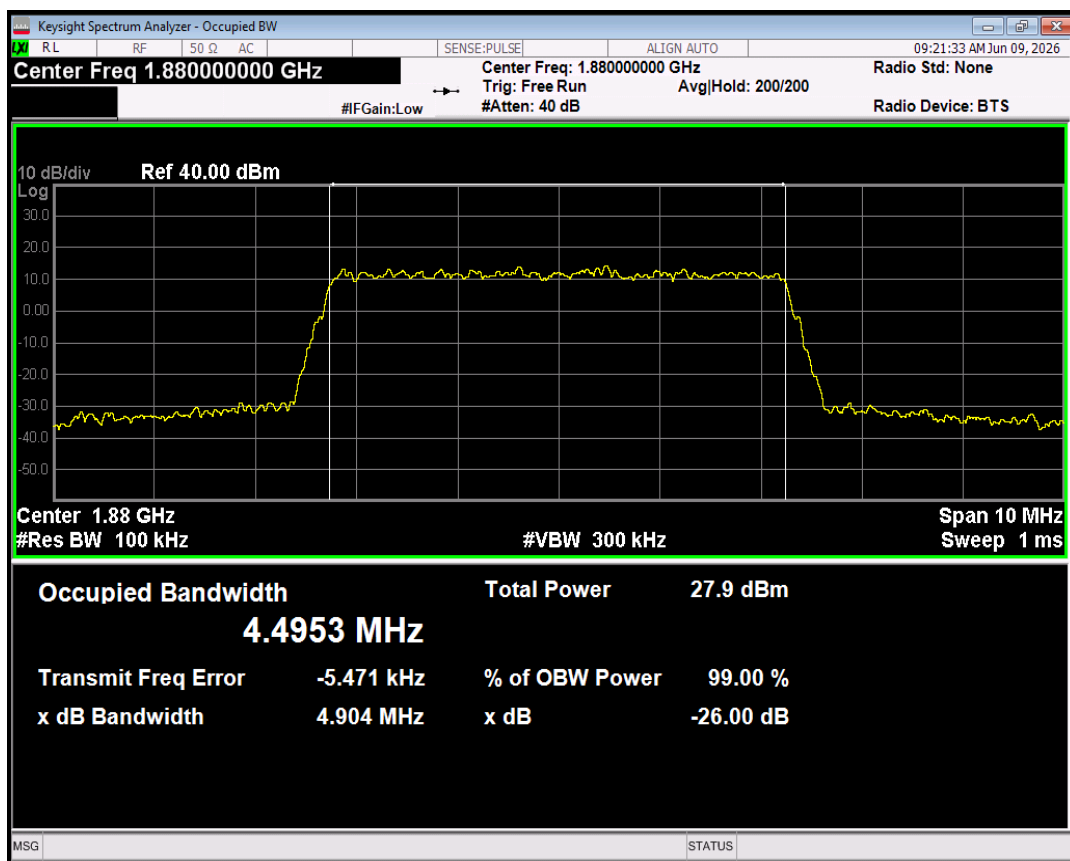
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



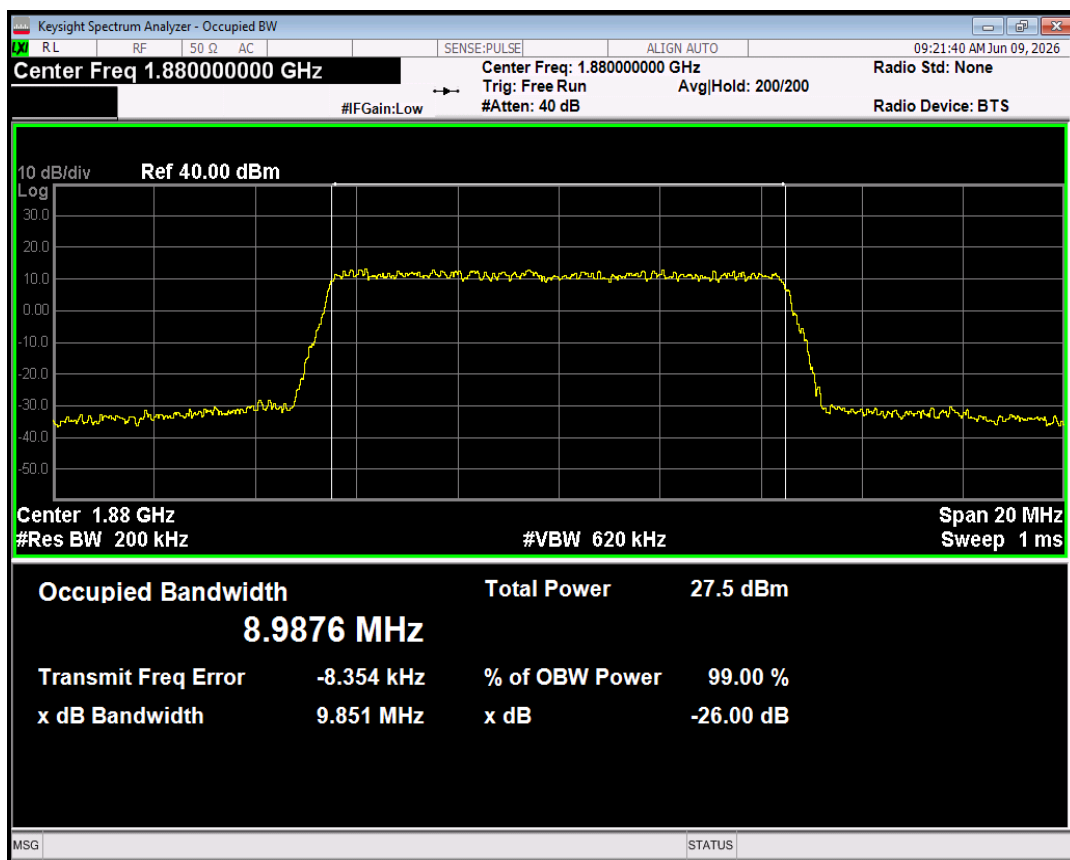
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



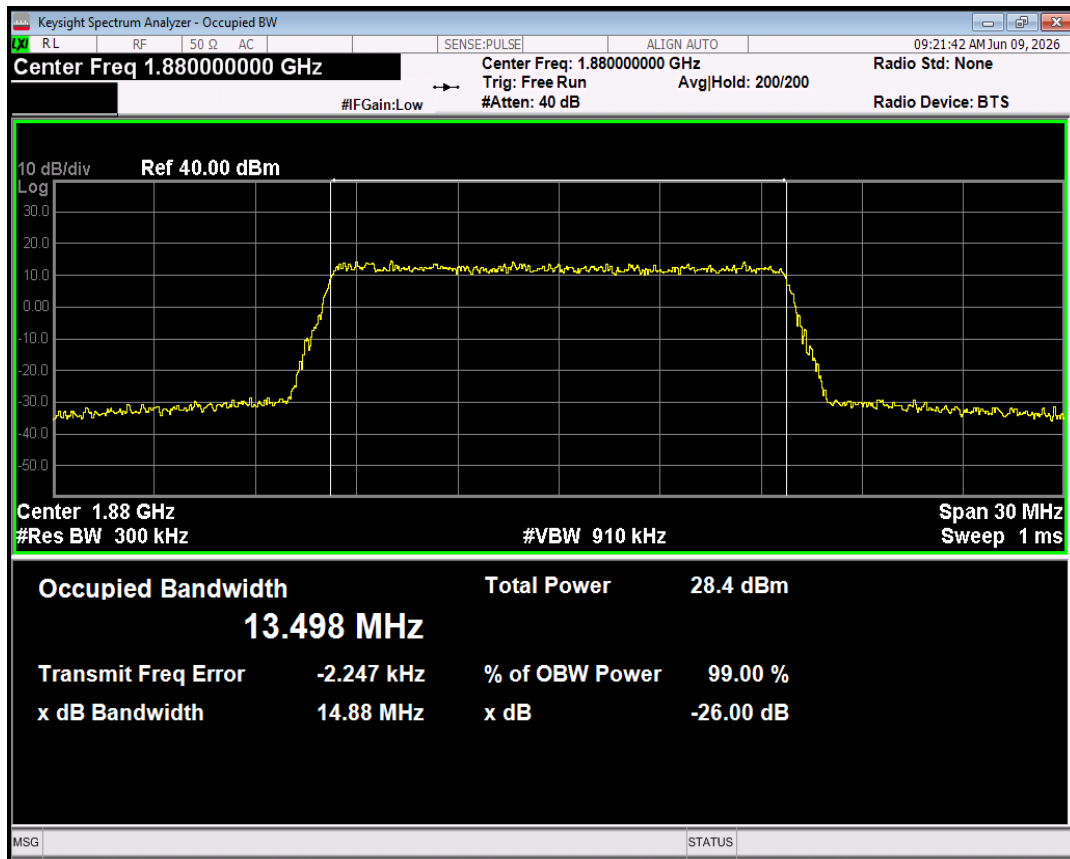
Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



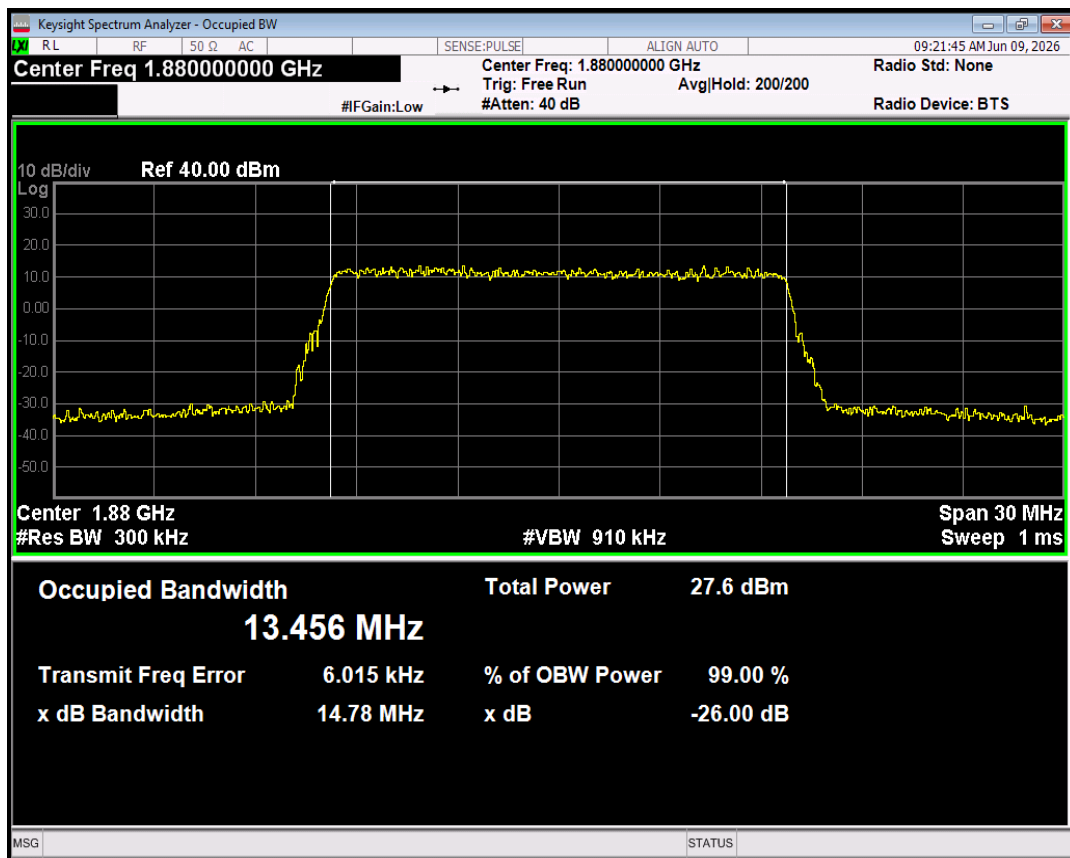
Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0



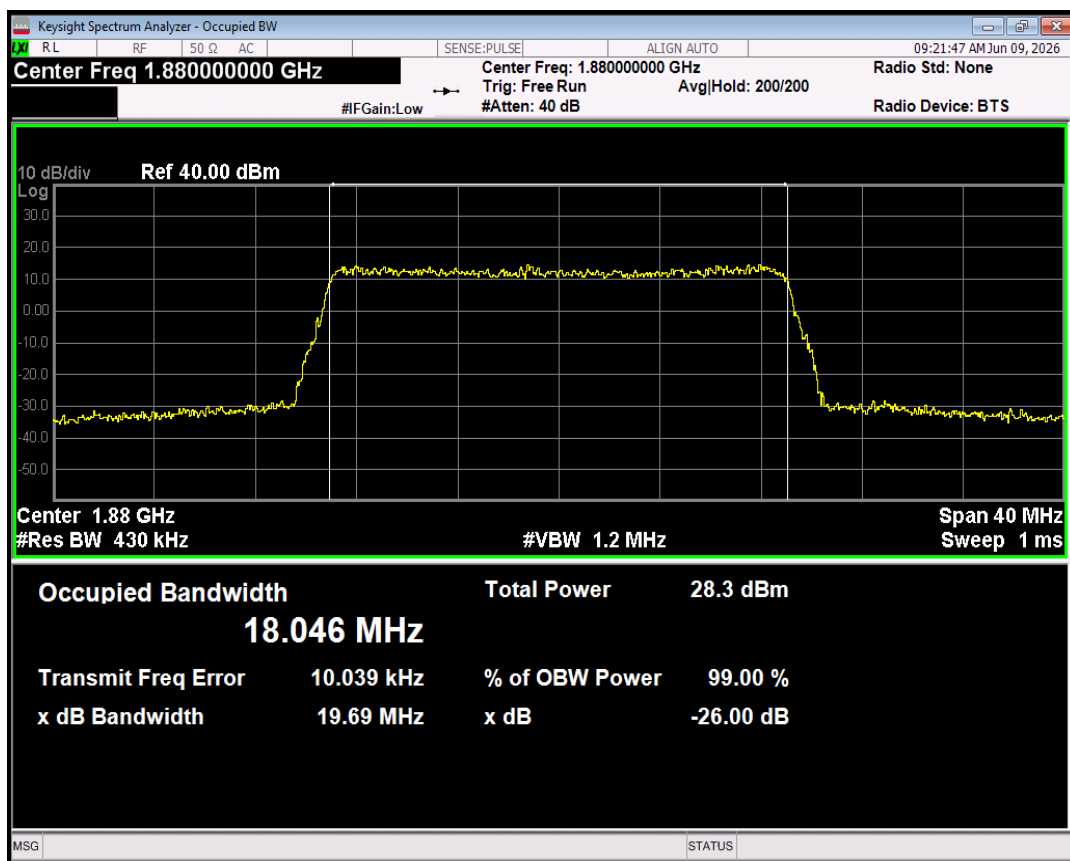
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



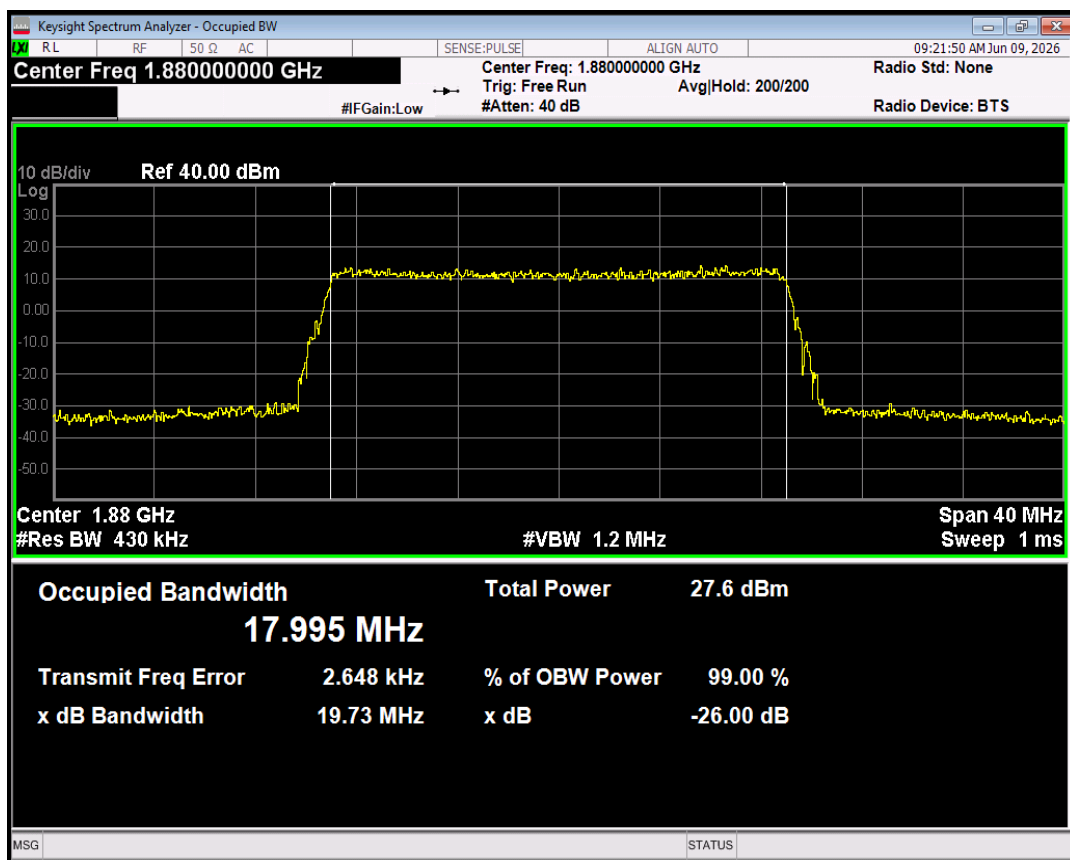
Band2 16QAM BW=15MHz Channel=18900 RB Size=75 Position=#0



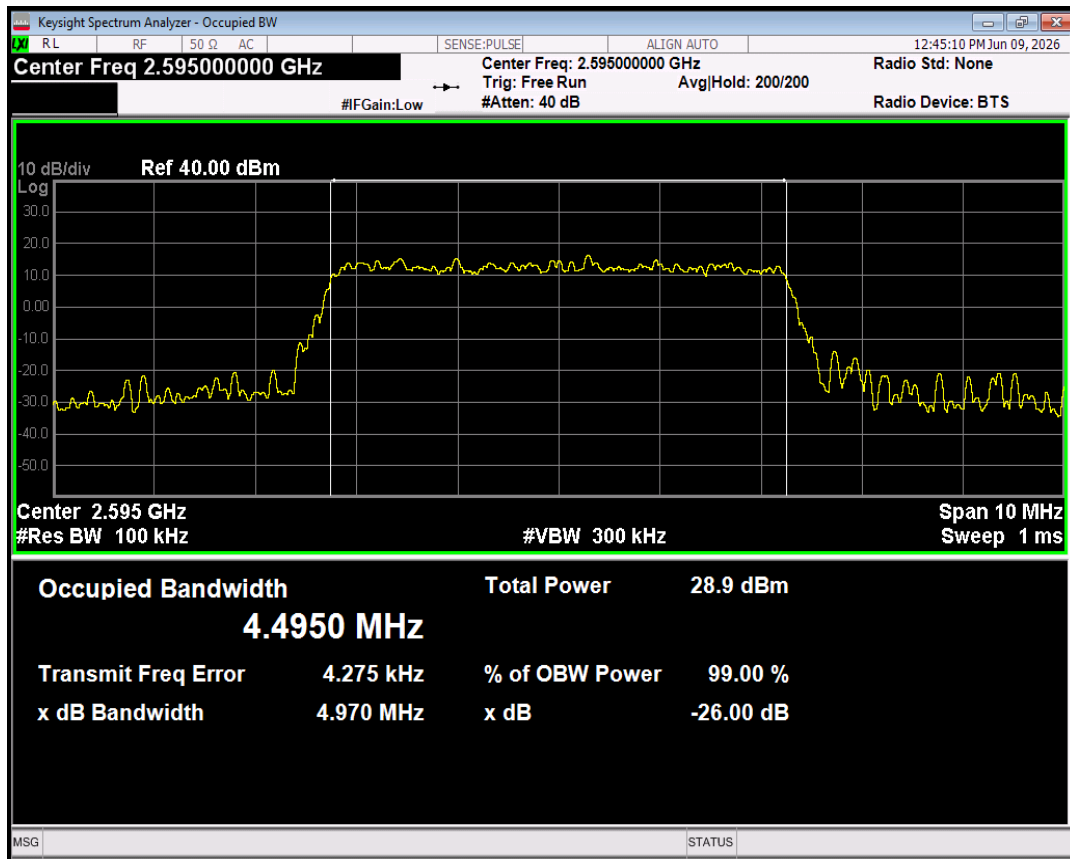
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



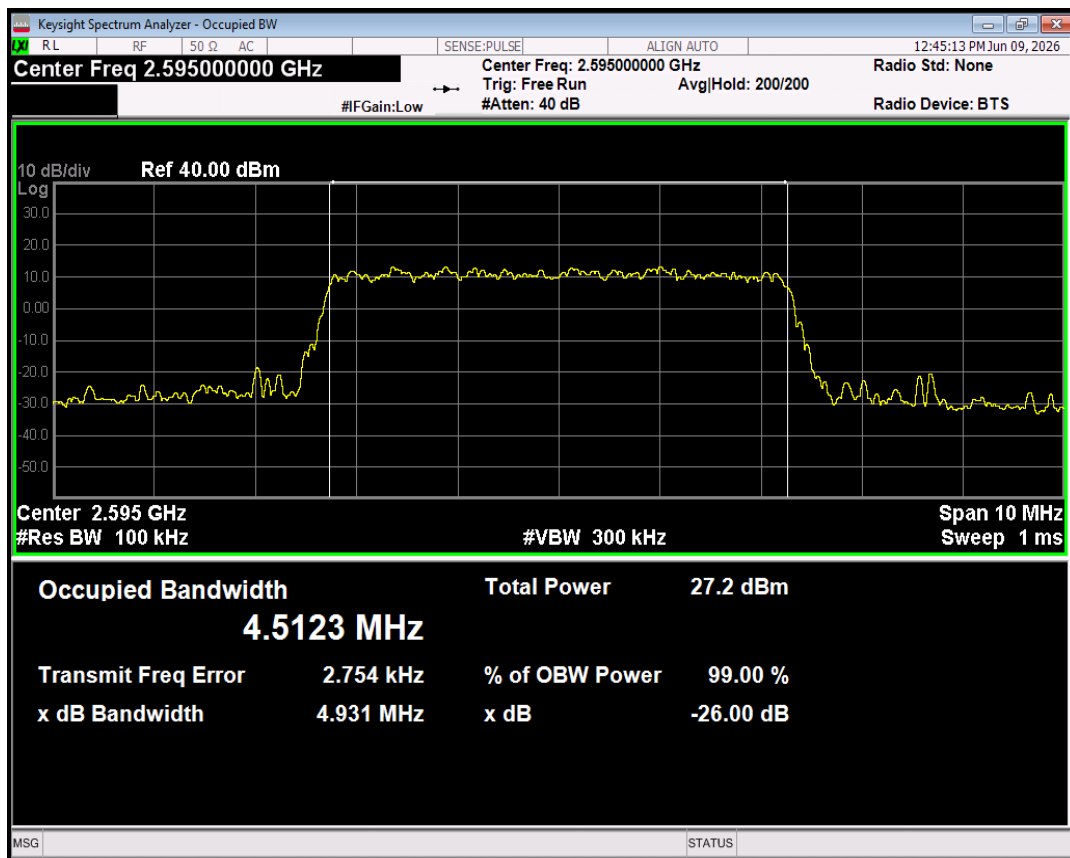
Band2 16QAM BW=20MHz Channel=18900 RB Size=100 Position=#0



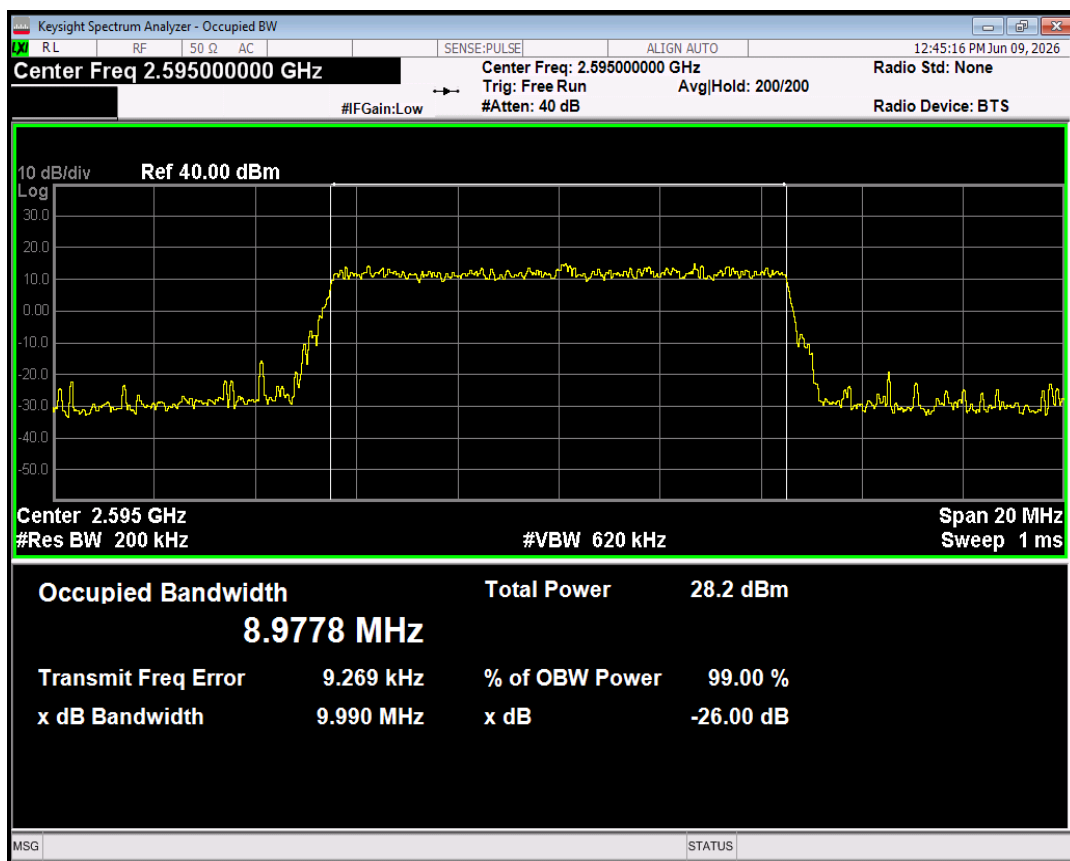
Band38 QPSK BW=5MHz Channel=38000 RB Size=25 Position=#0



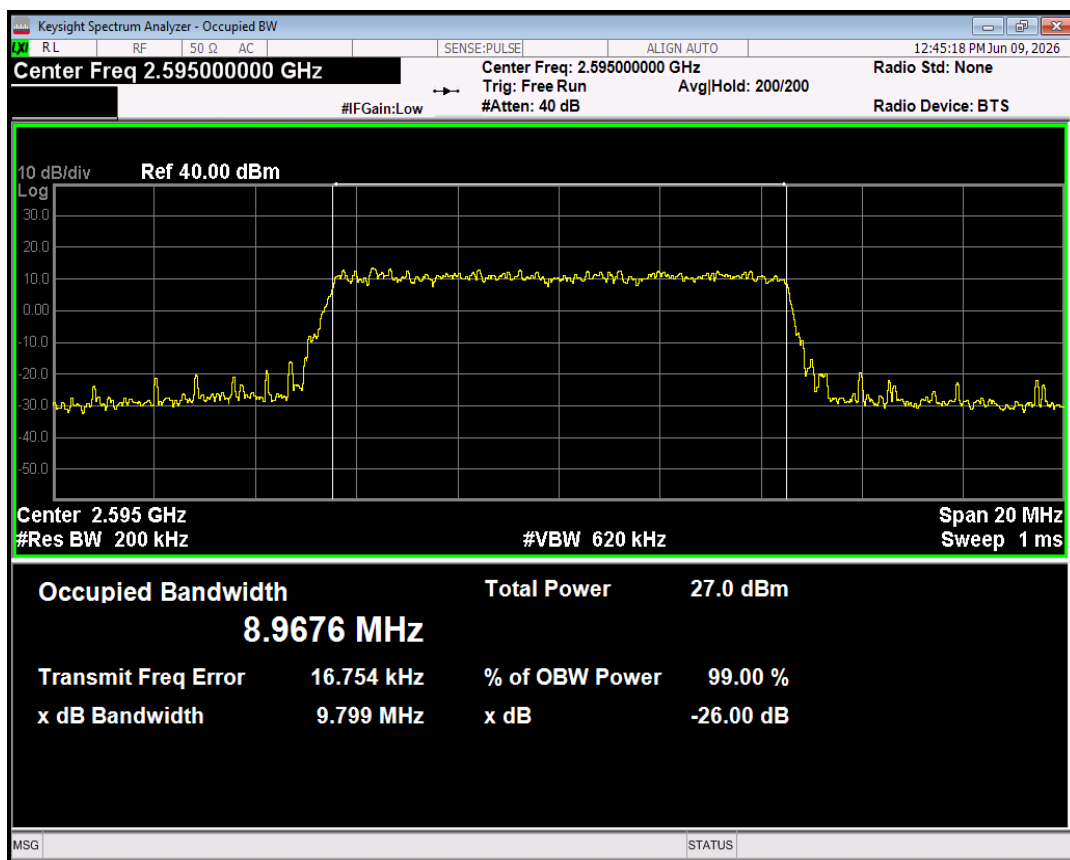
Band38 16QAM BW=5MHz Channel=38000 RB Size=25 Position=#0



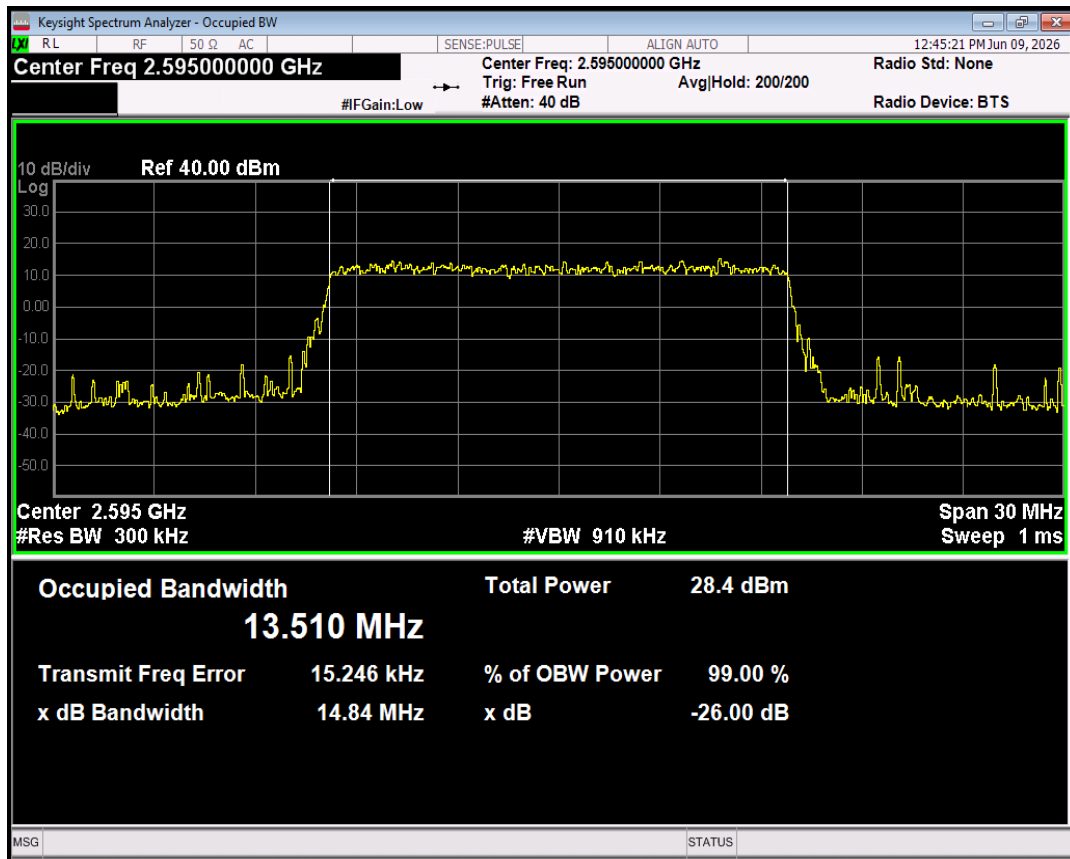
Band38 QPSK BW=10MHz Channel=38000 RB Size=50 Position=#0



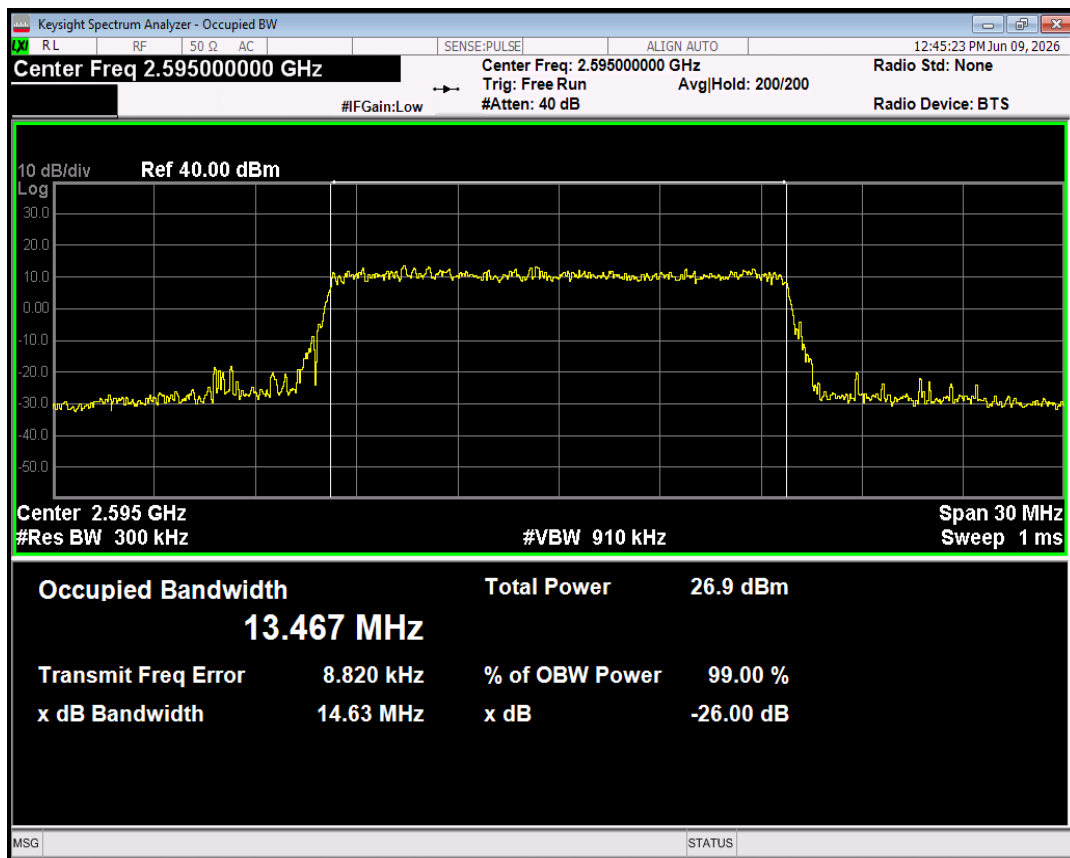
Band38 16QAM BW=10MHz Channel=38000 RB Size=50 Position=#0



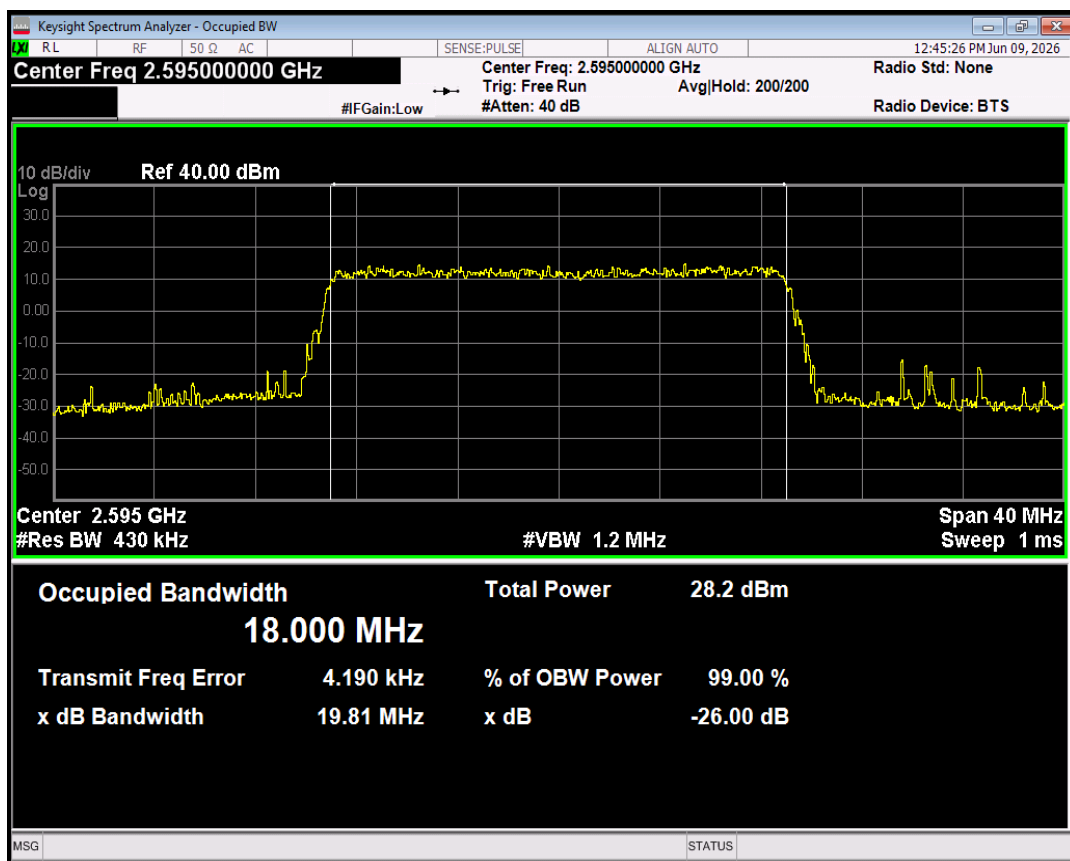
Band38 QPSK BW=15MHz Channel=38000 RB Size=75 Position=#0



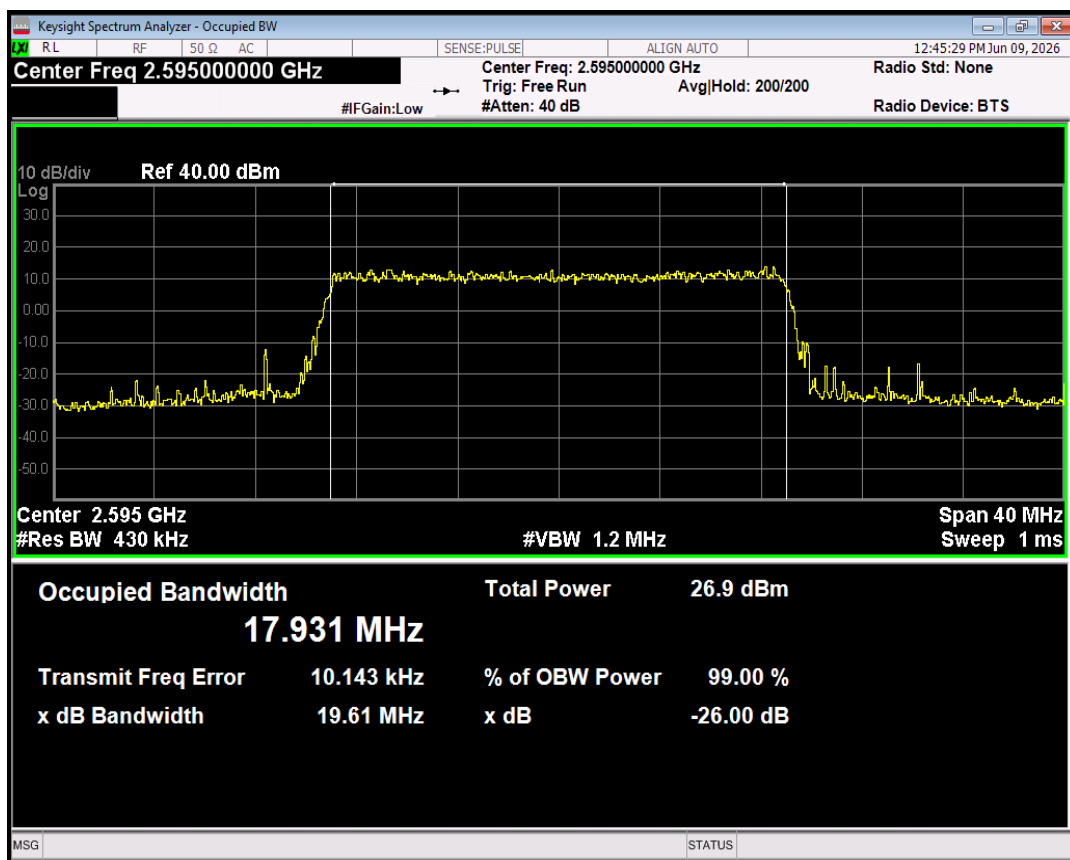
Band38 16QAM BW=15MHz Channel=38000 RB Size=75 Position=#0



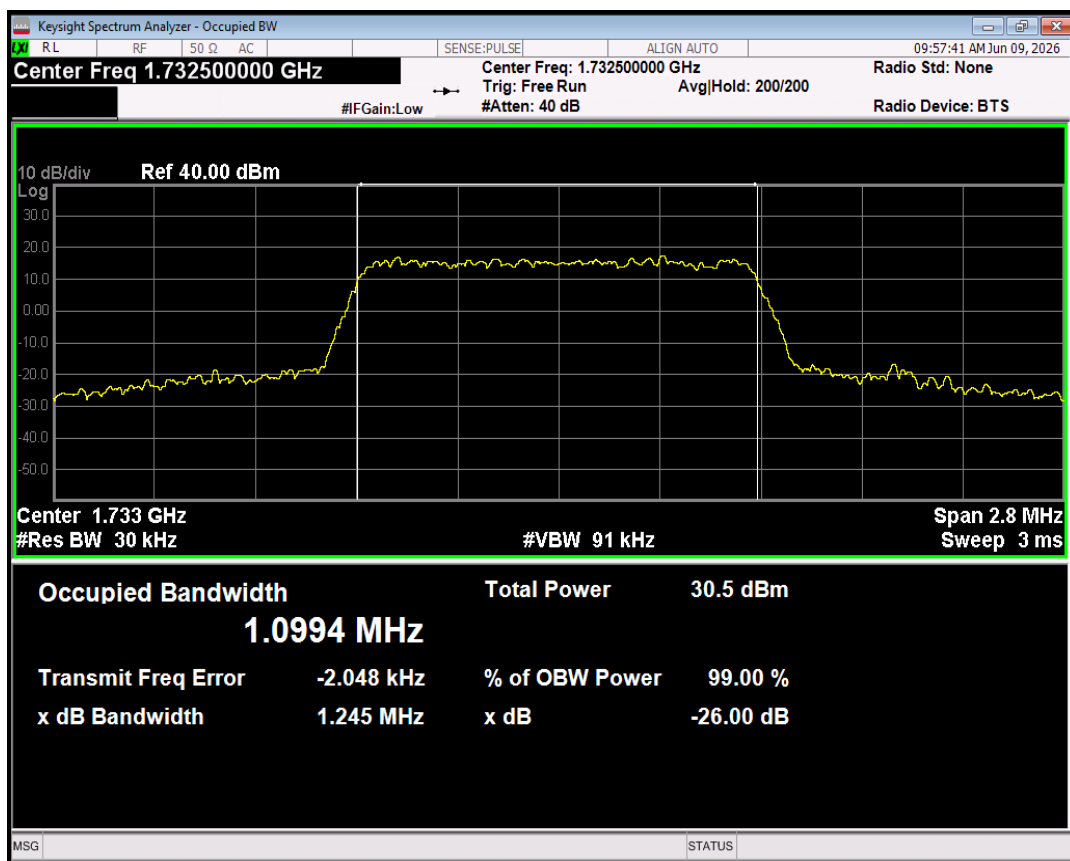
Band38 QPSK BW=20MHz Channel=38000 RB Size=100 Position=#0



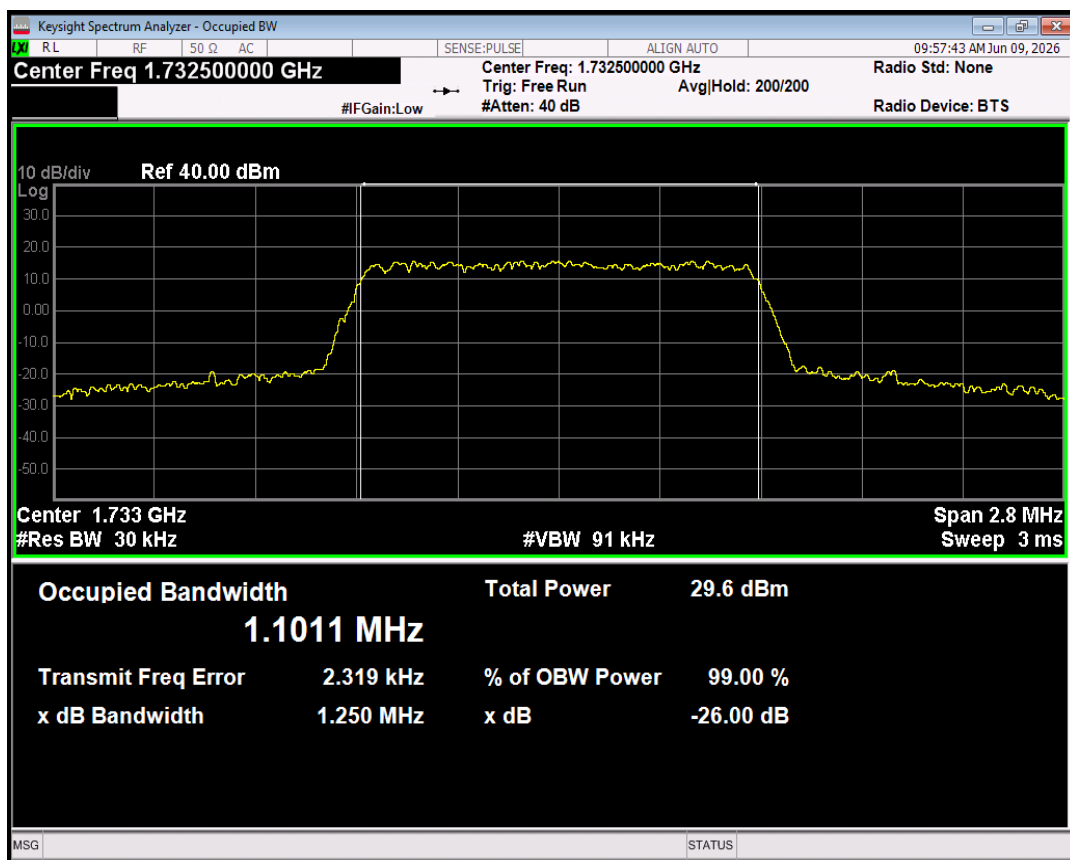
Band38 16QAM BW=20MHz Channel=38000 RB Size=100 Position=#0



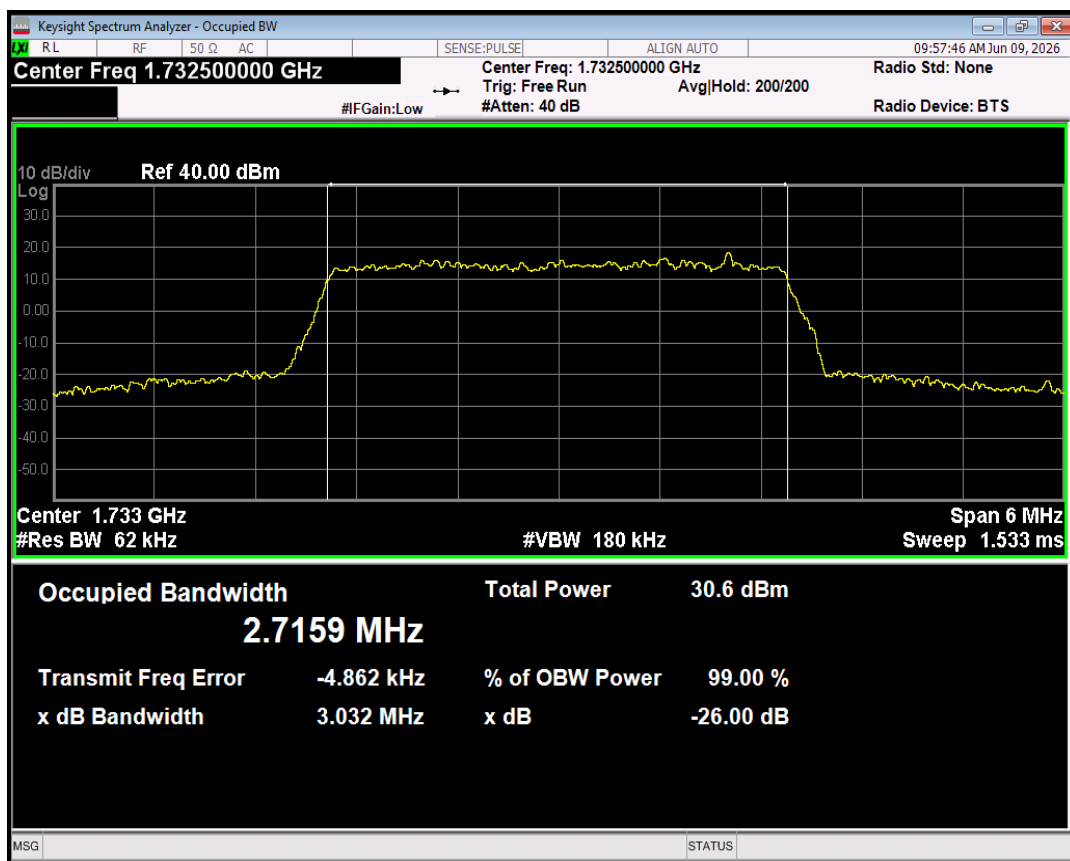
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



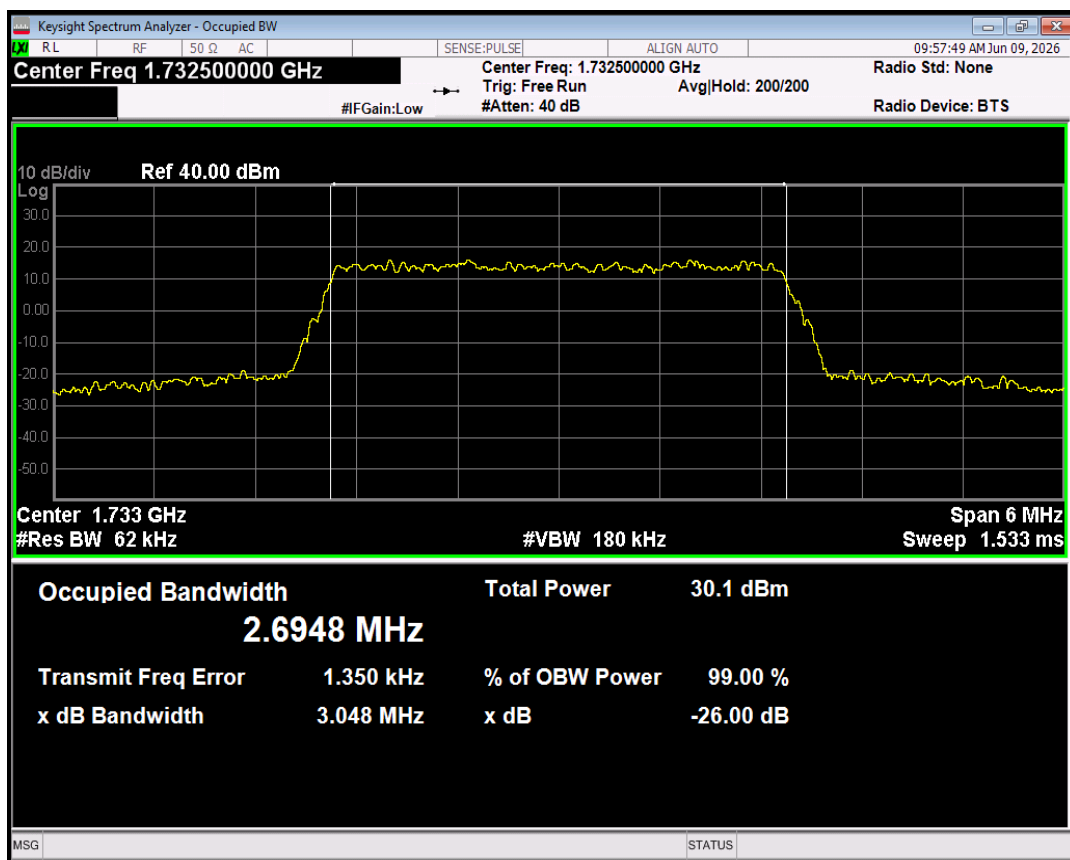
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0



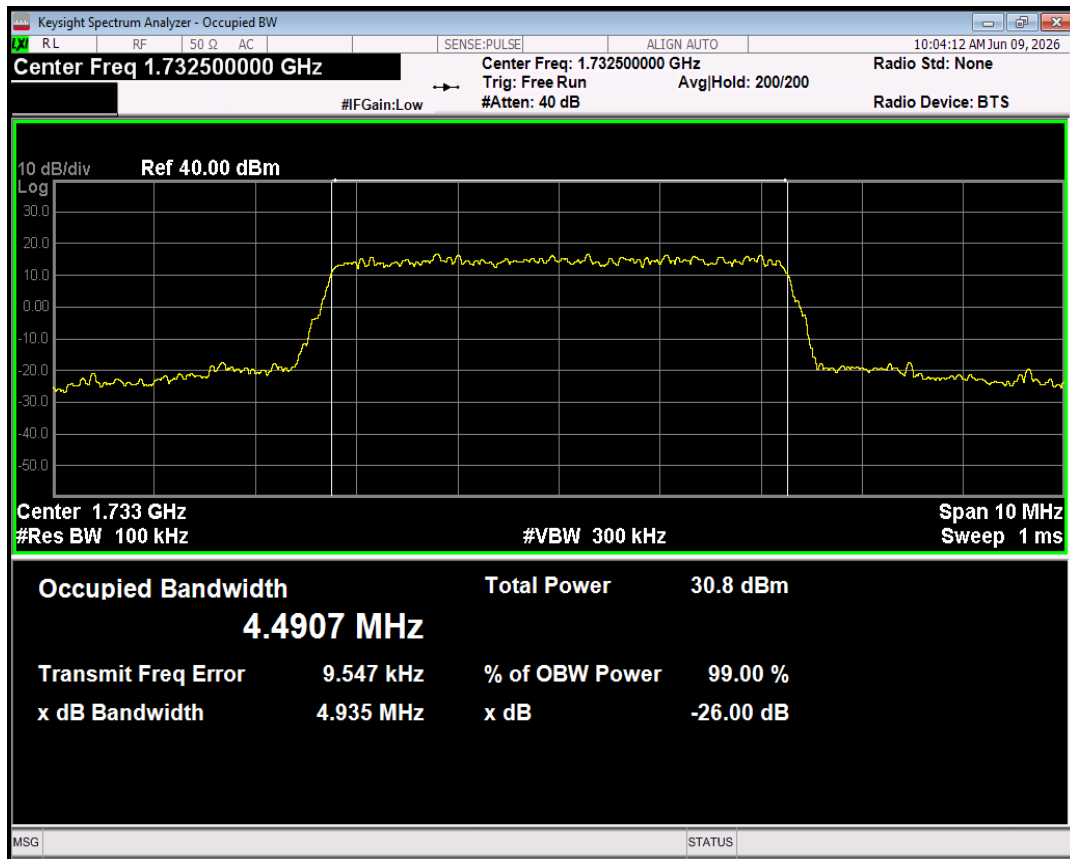
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



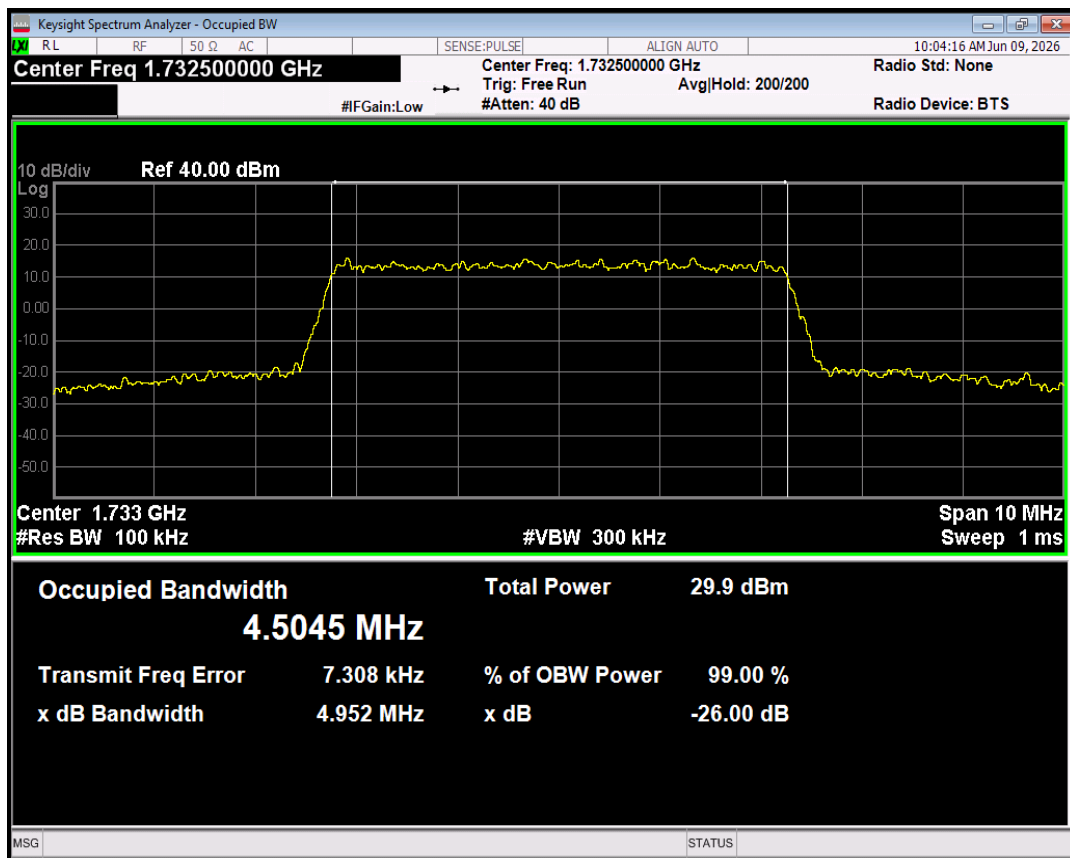
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0



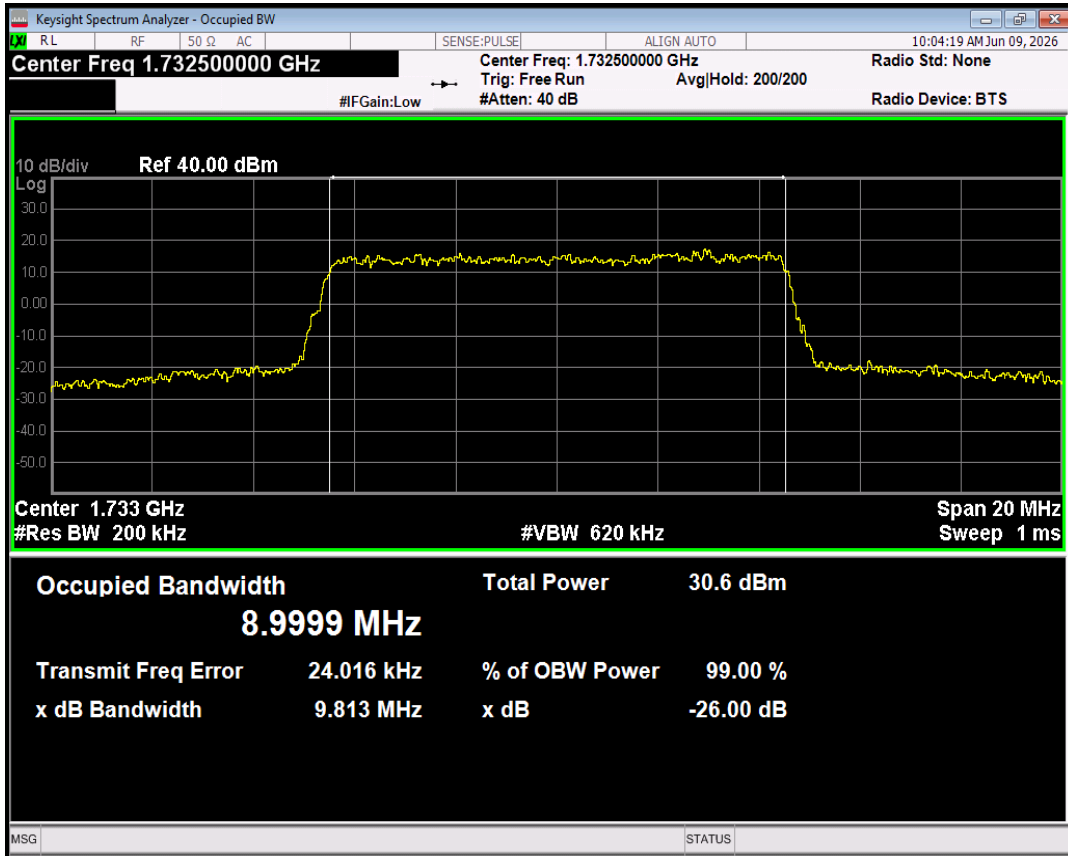
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



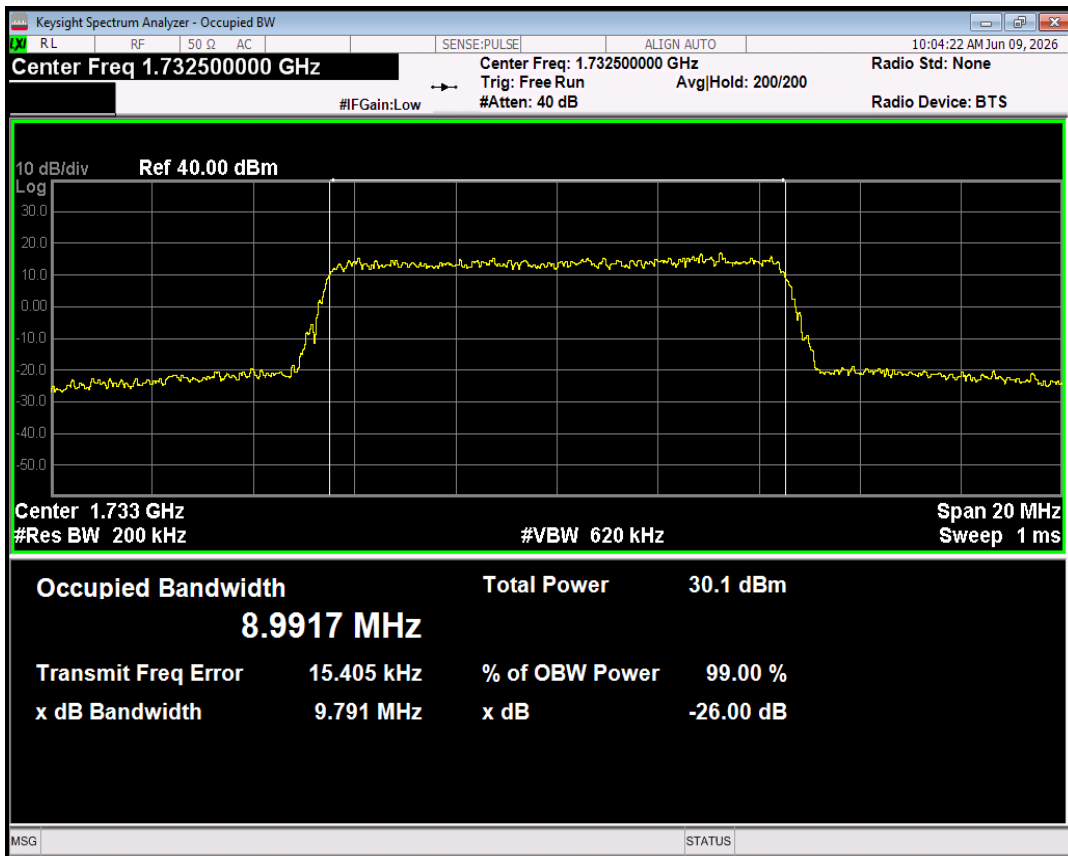
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0



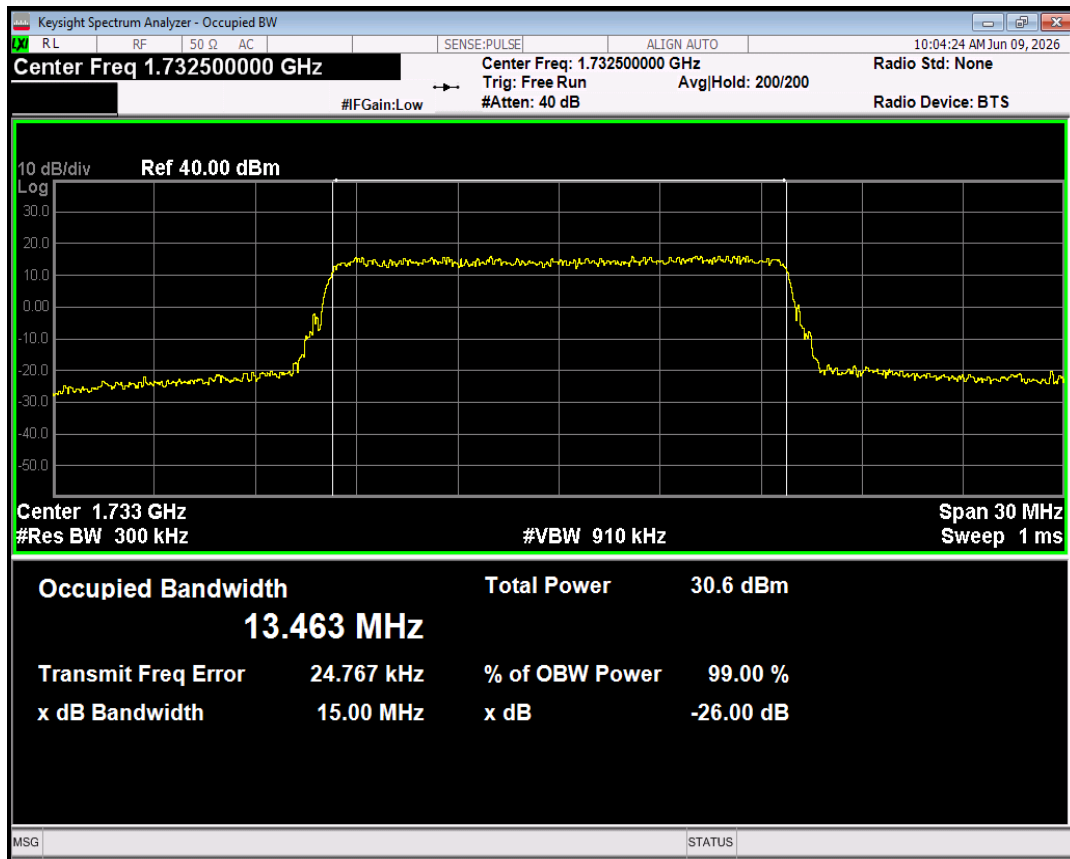
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



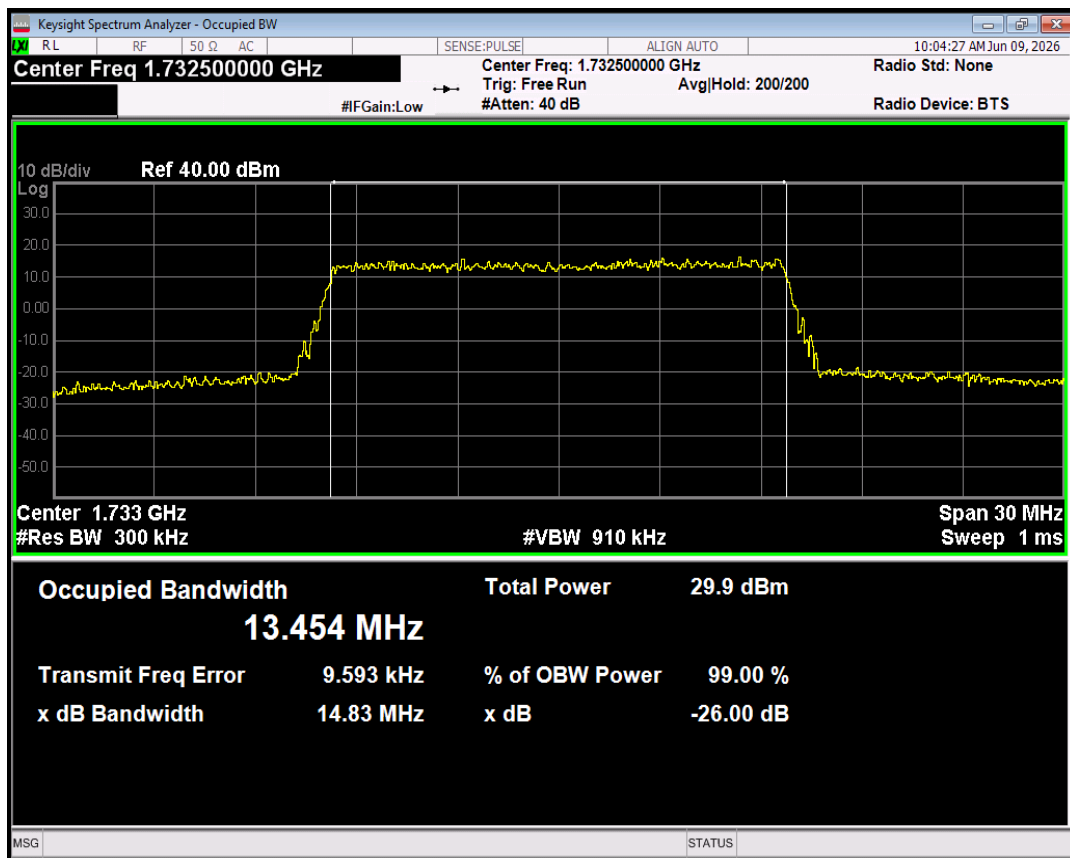
Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0



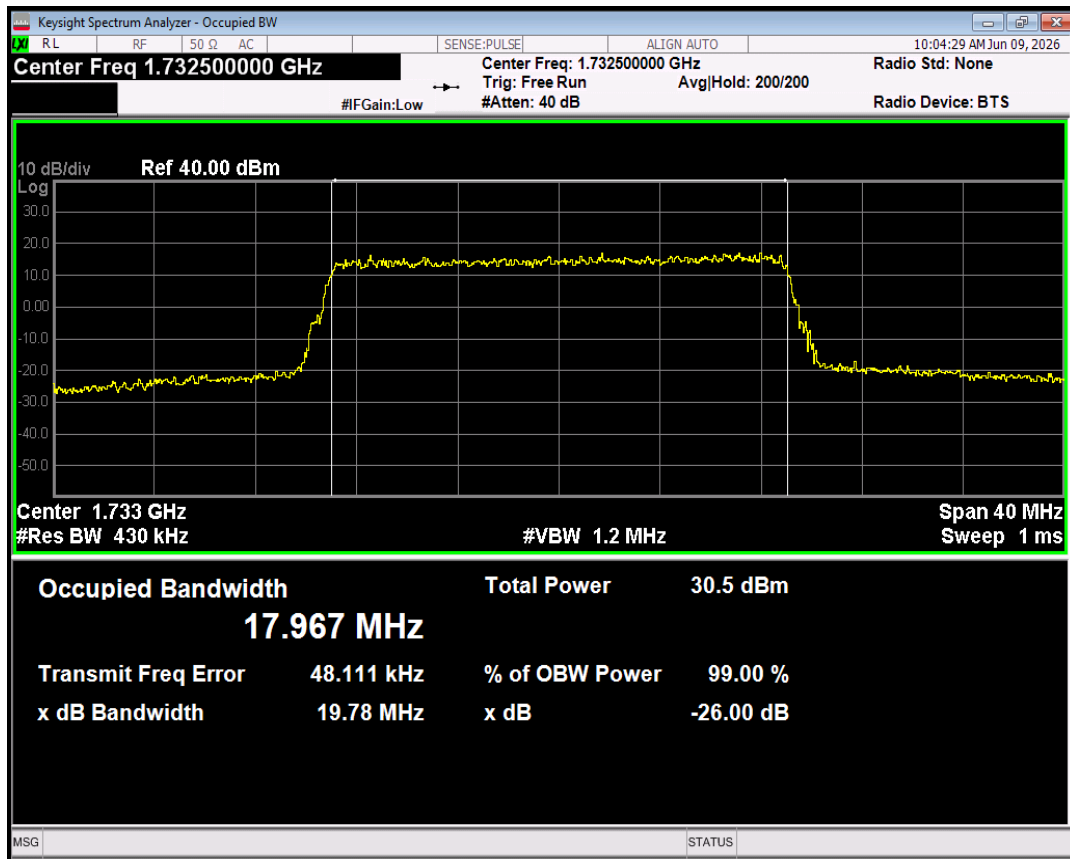
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



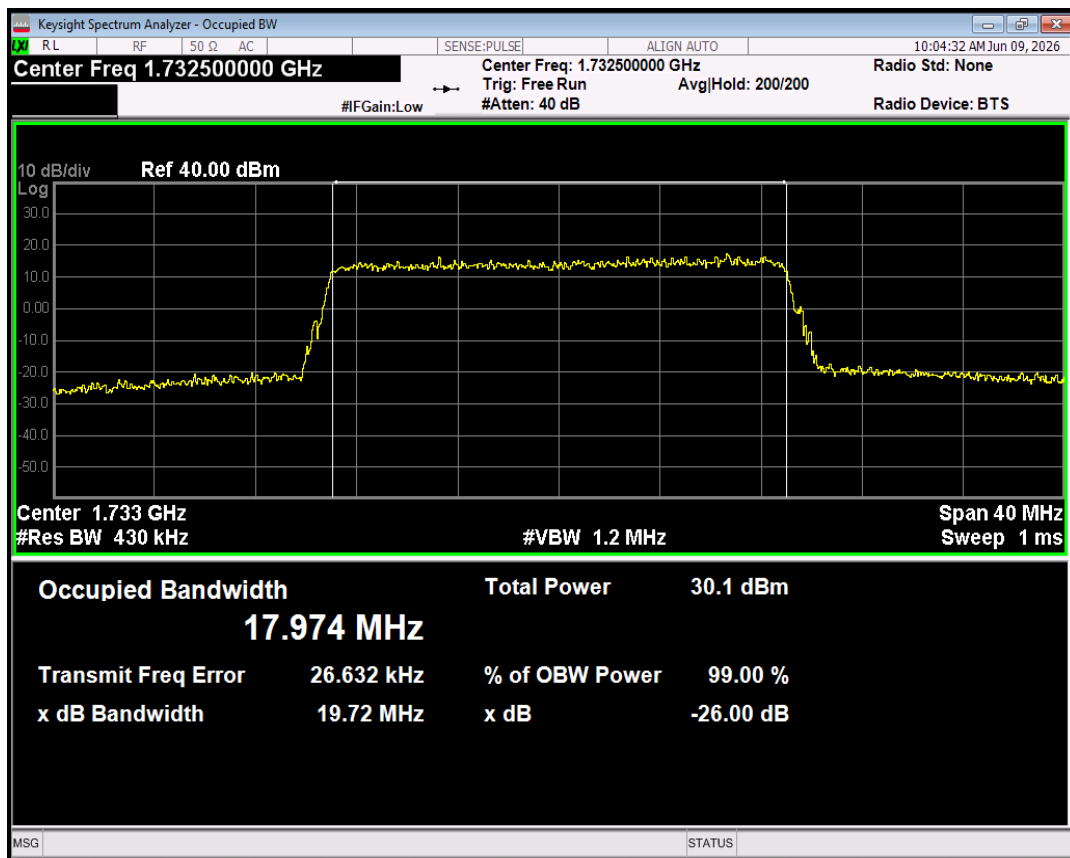
Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0



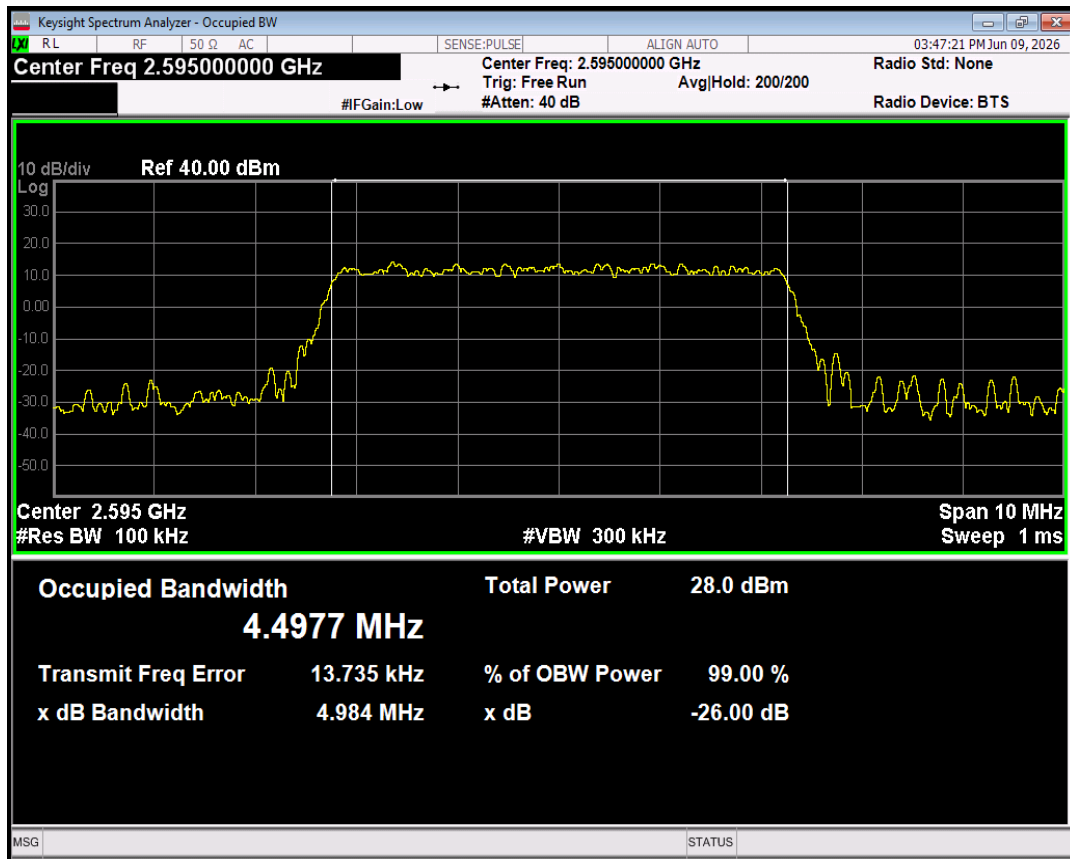
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



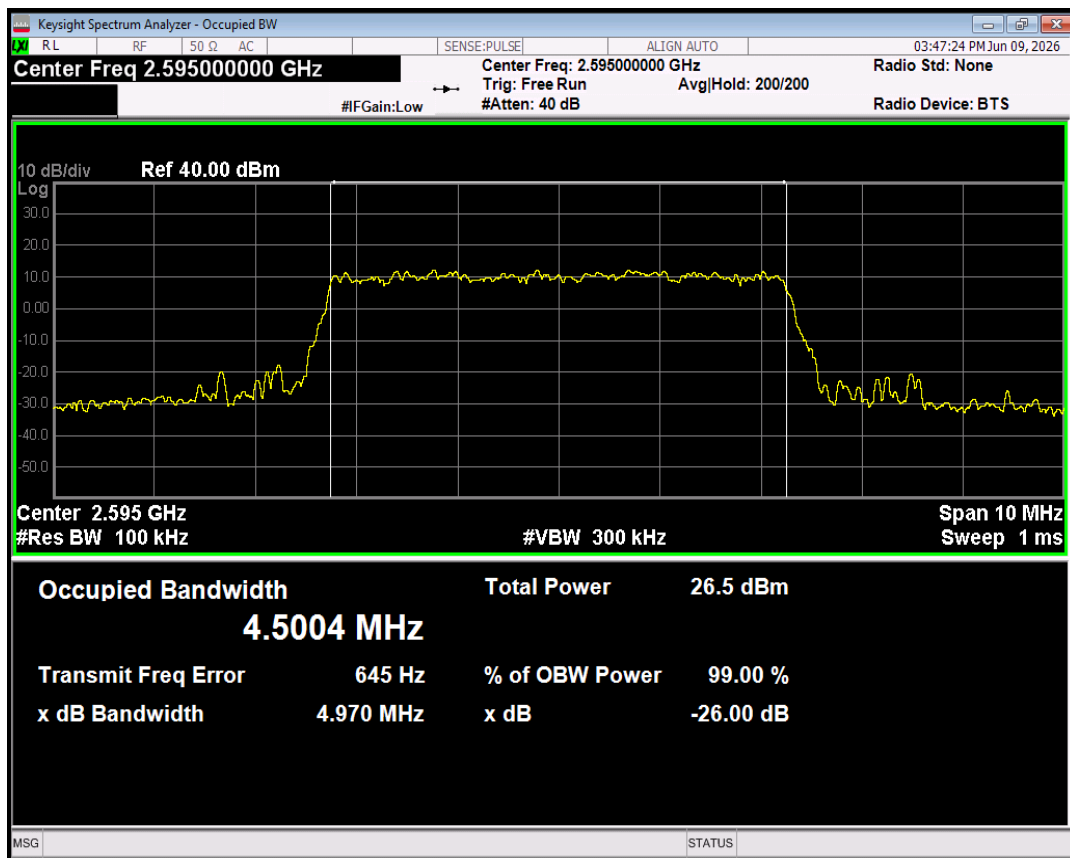
Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0



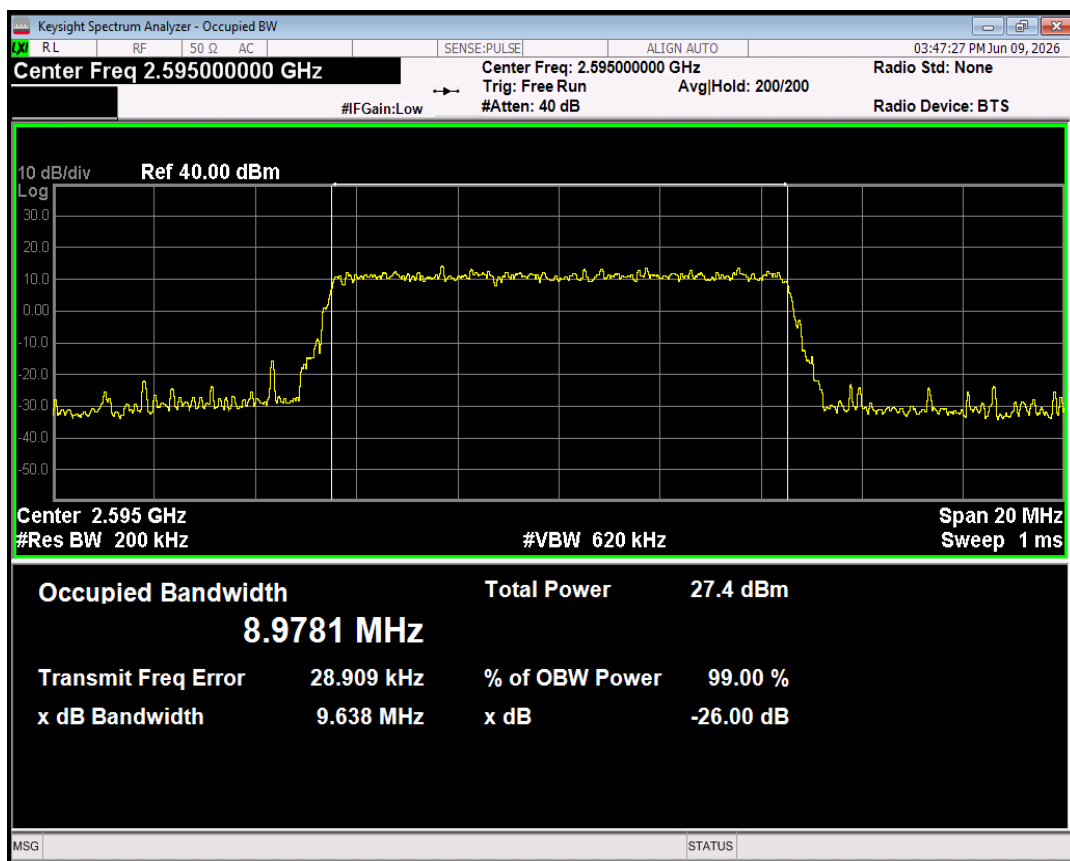
Band41(2535-2655) QPSK BW=5MHz Channel=40640 RB Size=25 Position=#0



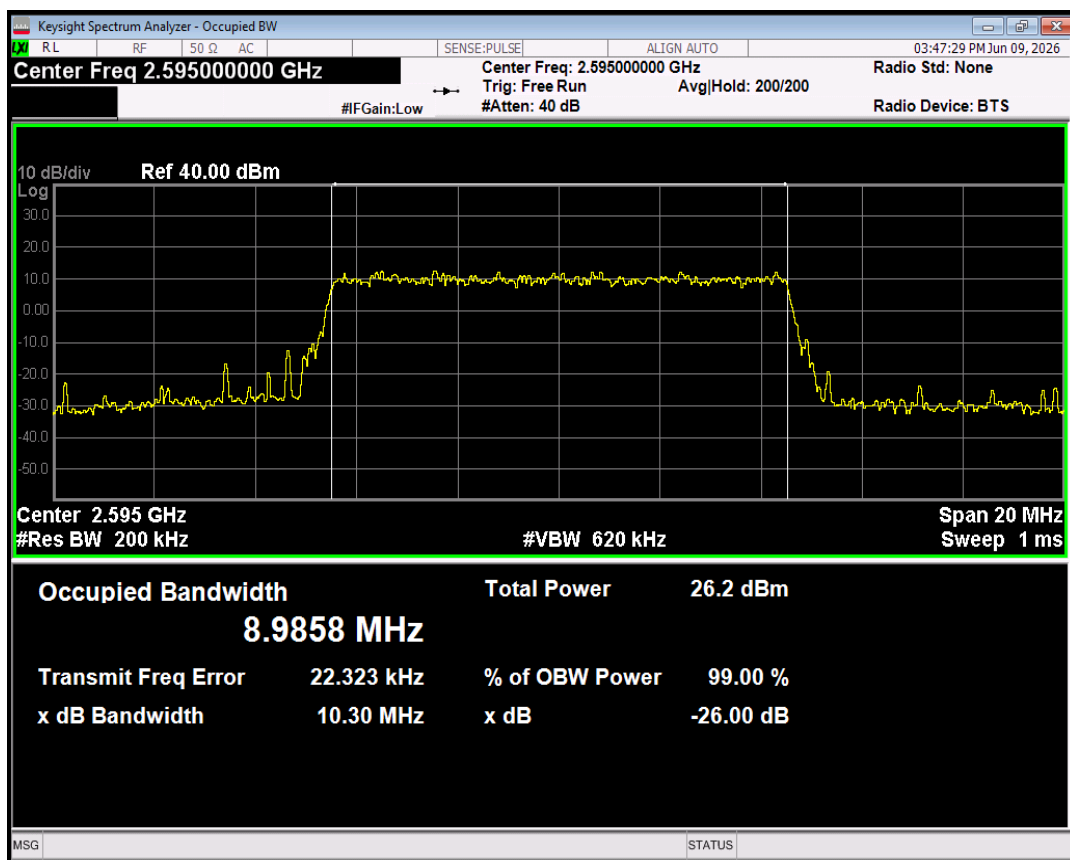
Band41(2535-2655) 16QAM BW=5MHz Channel=40640 RB Size=25 Position=#0



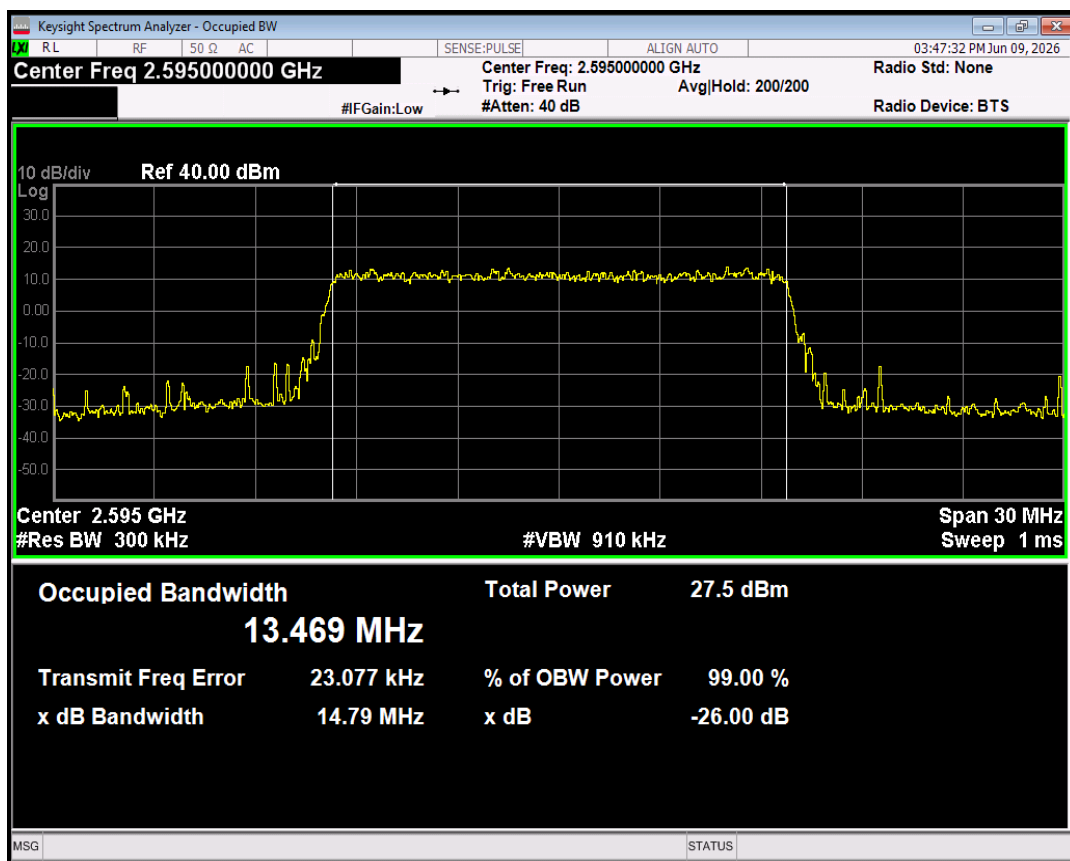
Band41(2535-2655) QPSK BW=10MHz Channel=40640 RB Size=50 Position=#0



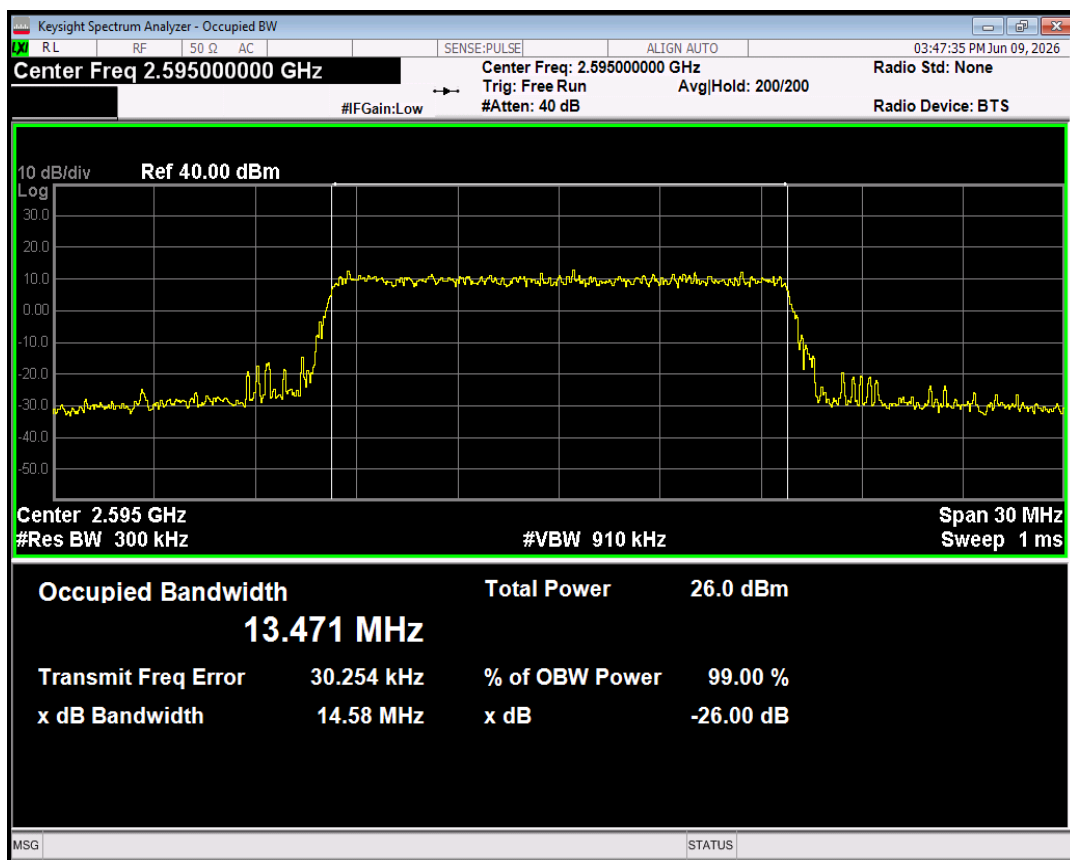
Band41(2535-2655) 16QAM BW=10MHz Channel=40640 RB Size=50 Position=#0



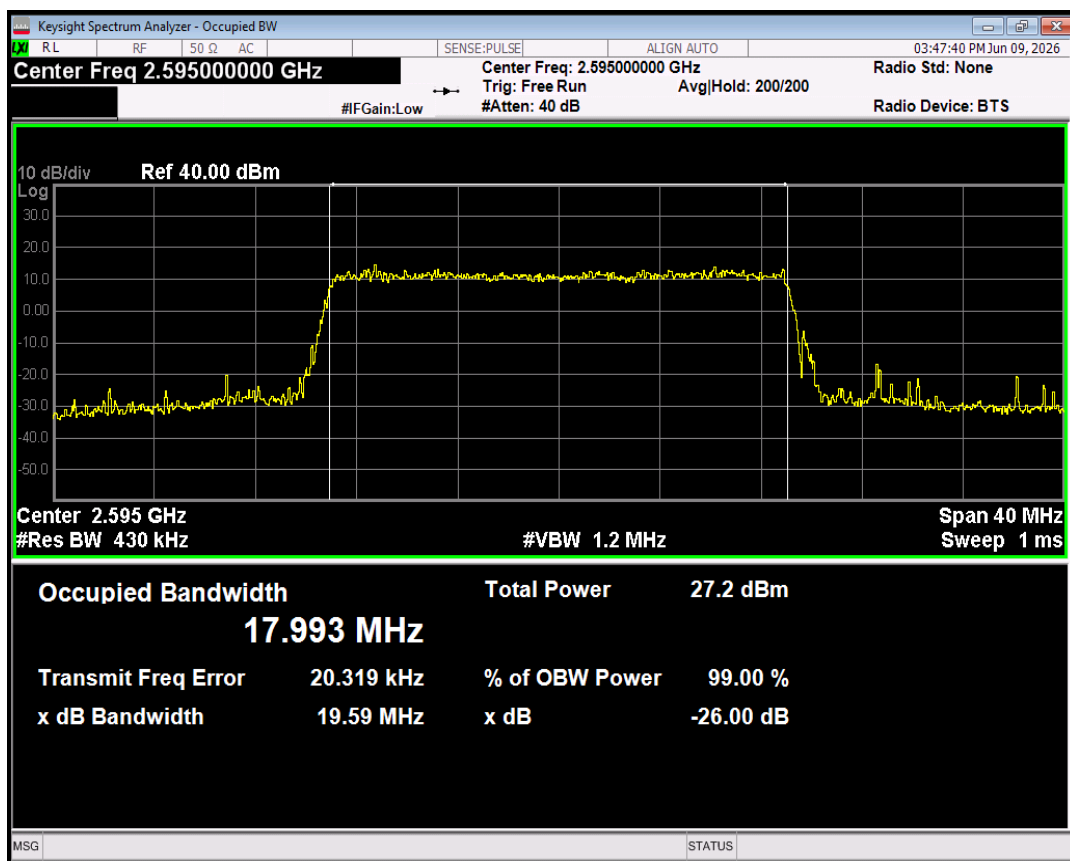
Band41(2535-2655) QPSK BW=15MHz Channel=40640 RB Size=75 Position=#0



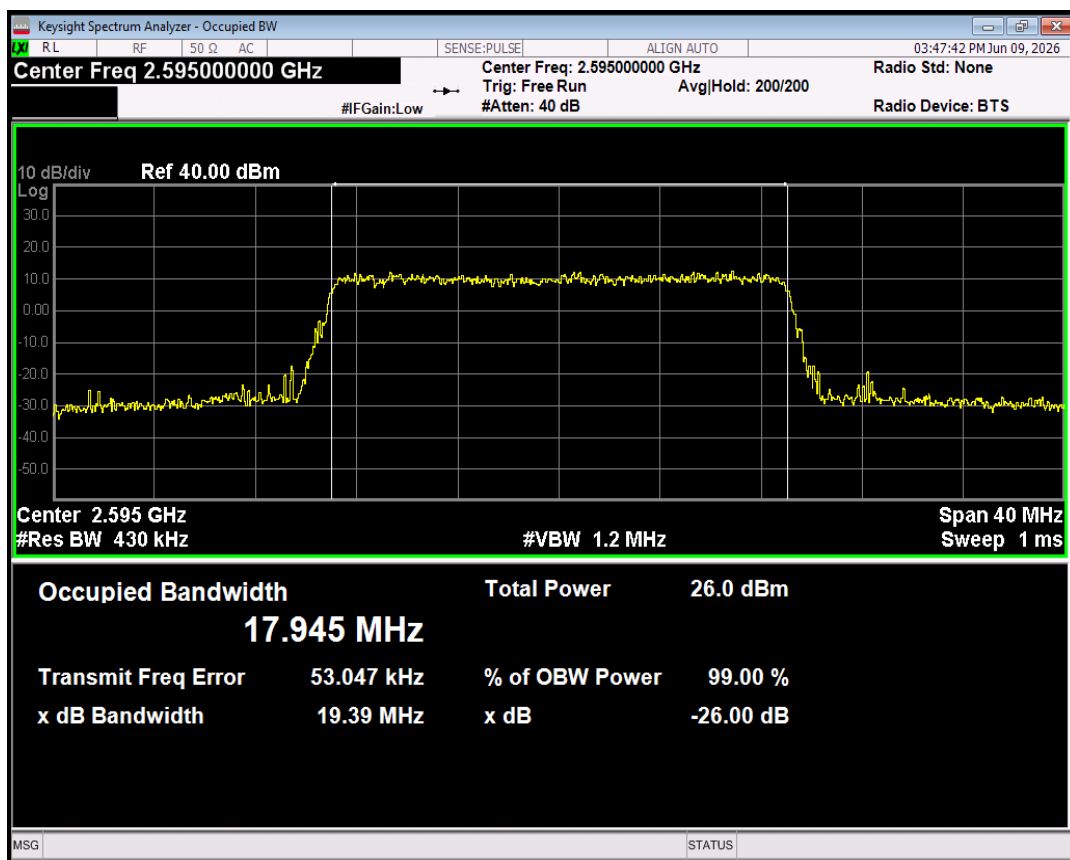
Band41(2535-2655) 16QAM BW=15MHz Channel=40640 RB Size=75 Position=#0



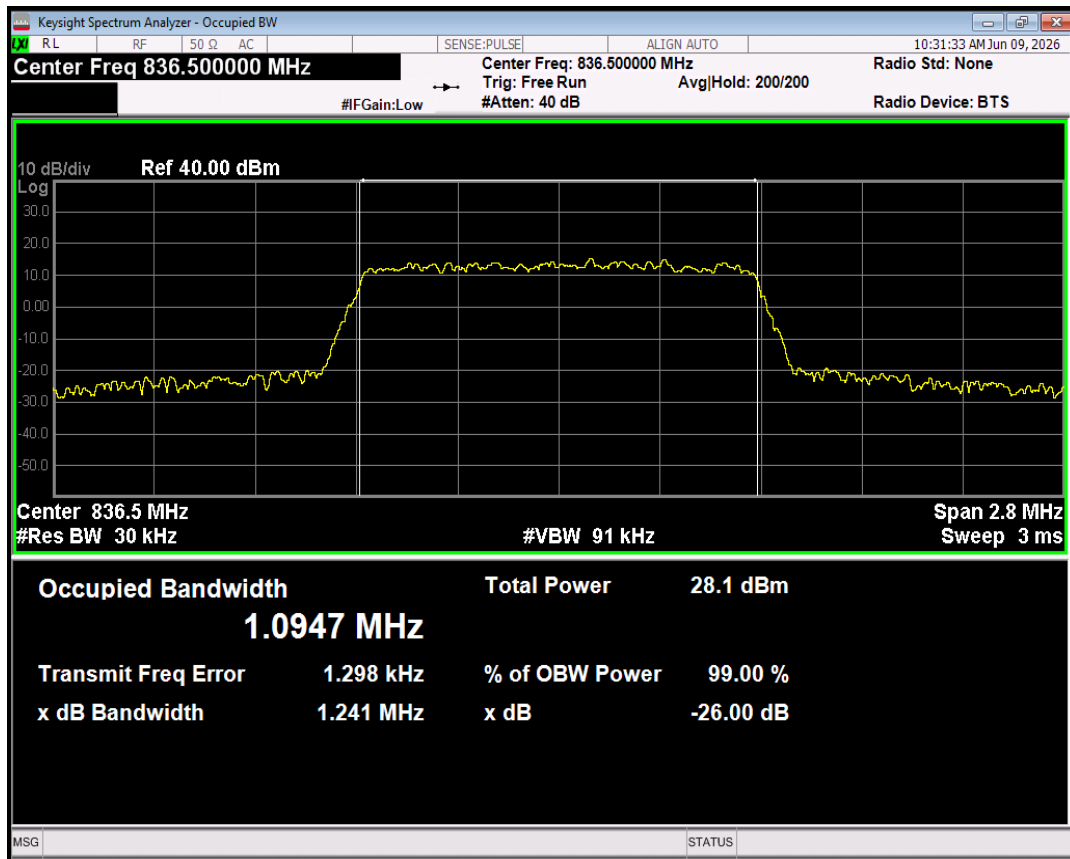
Band41(2535-2655) QPSK BW=20MHz Channel=40640 RB Size=100 Position=#0



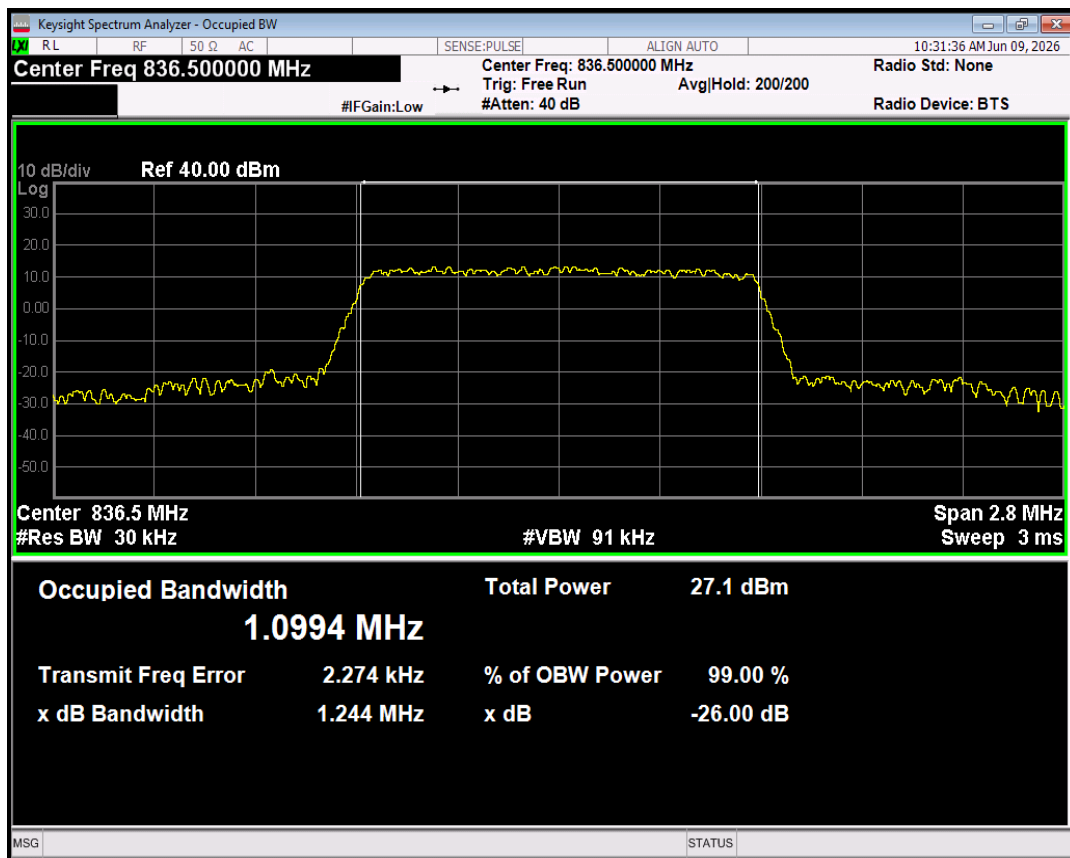
Band41(2535-2655) 16QAM BW=20MHz Channel=40640 RB Size=100 Position=#0



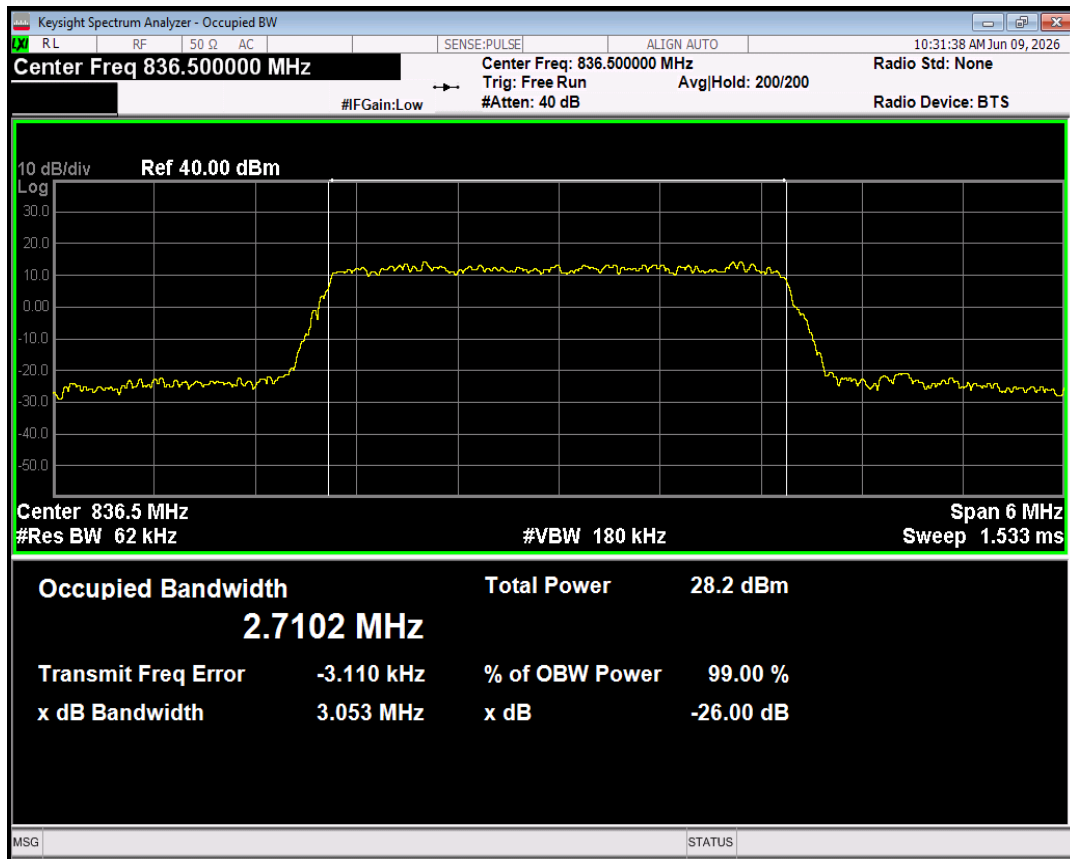
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



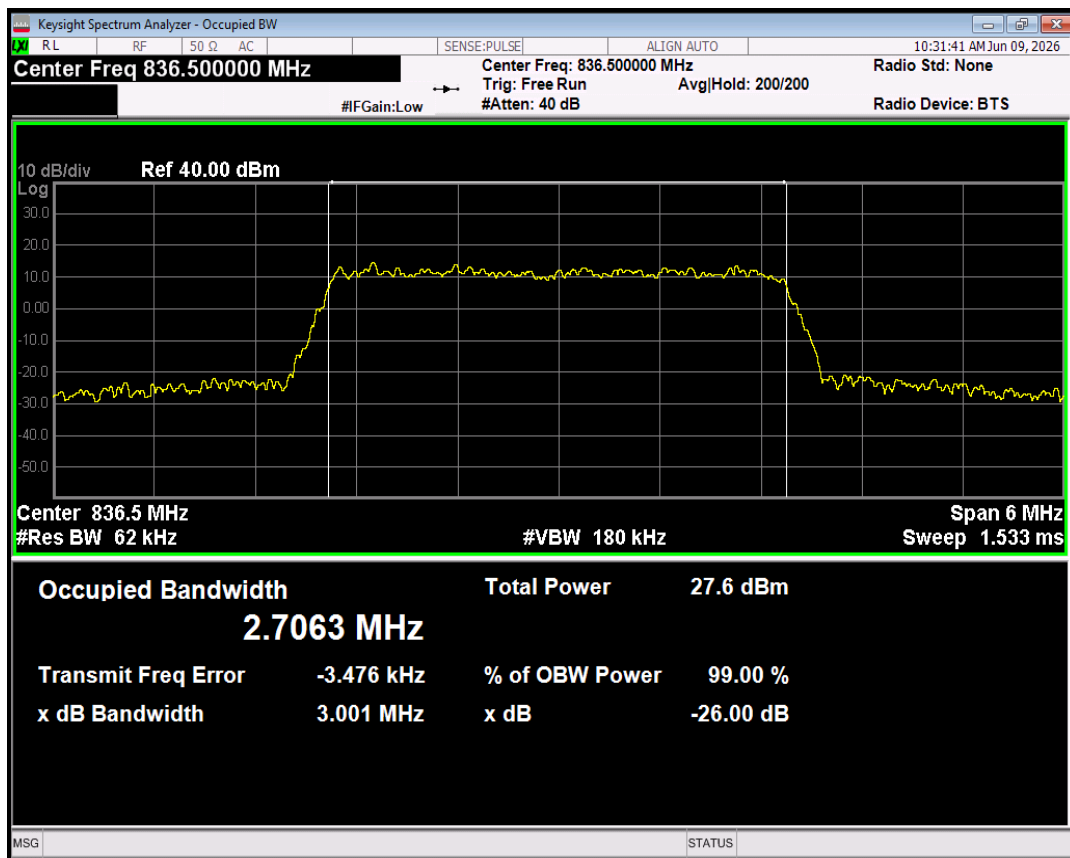
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



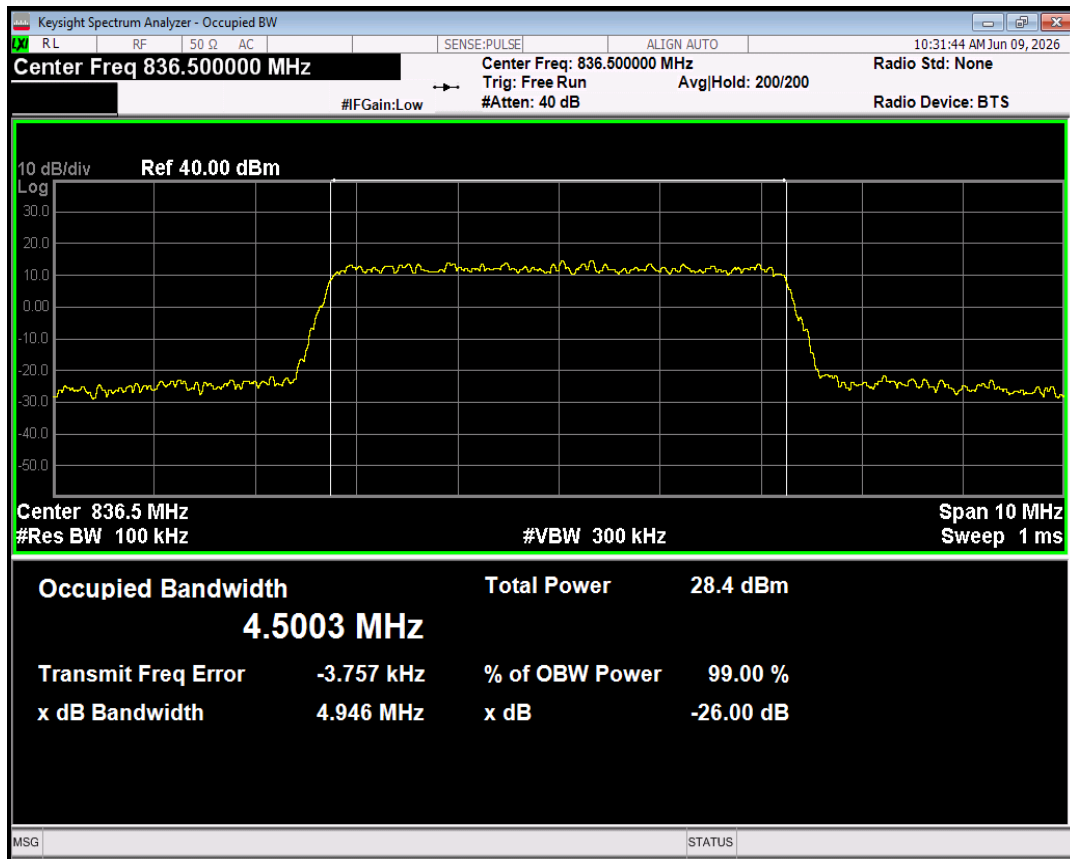
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



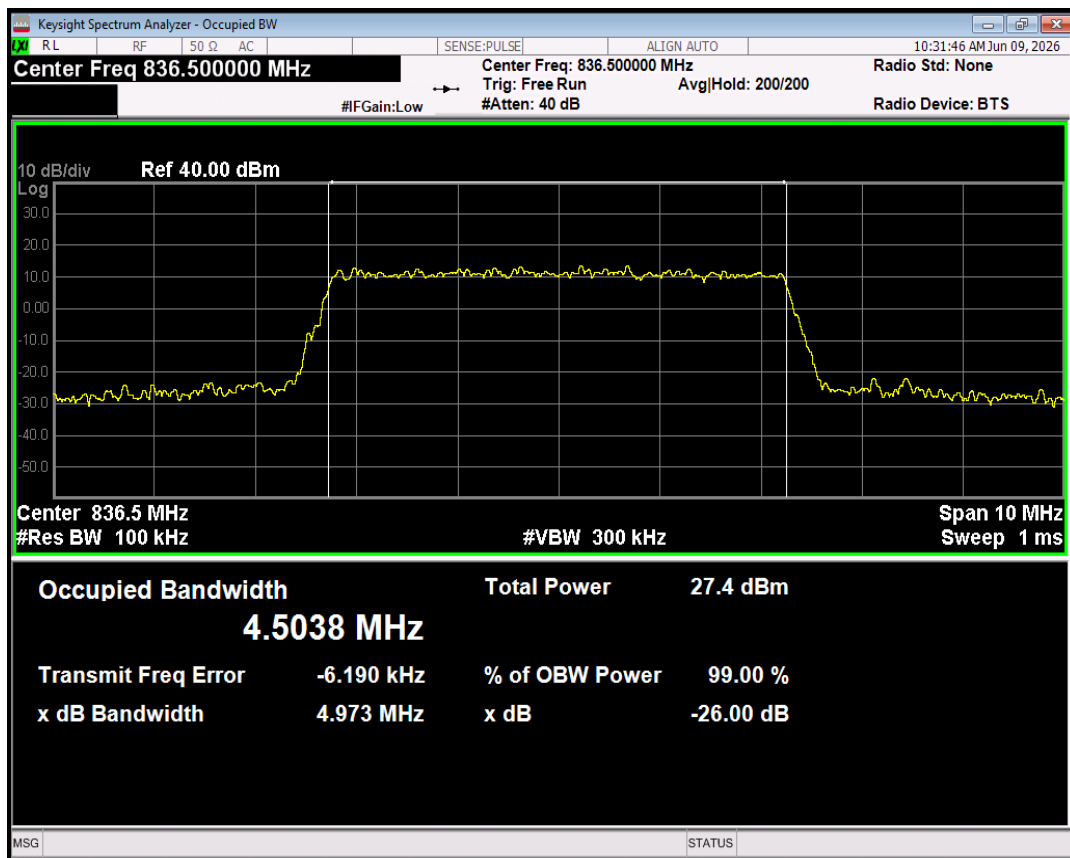
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



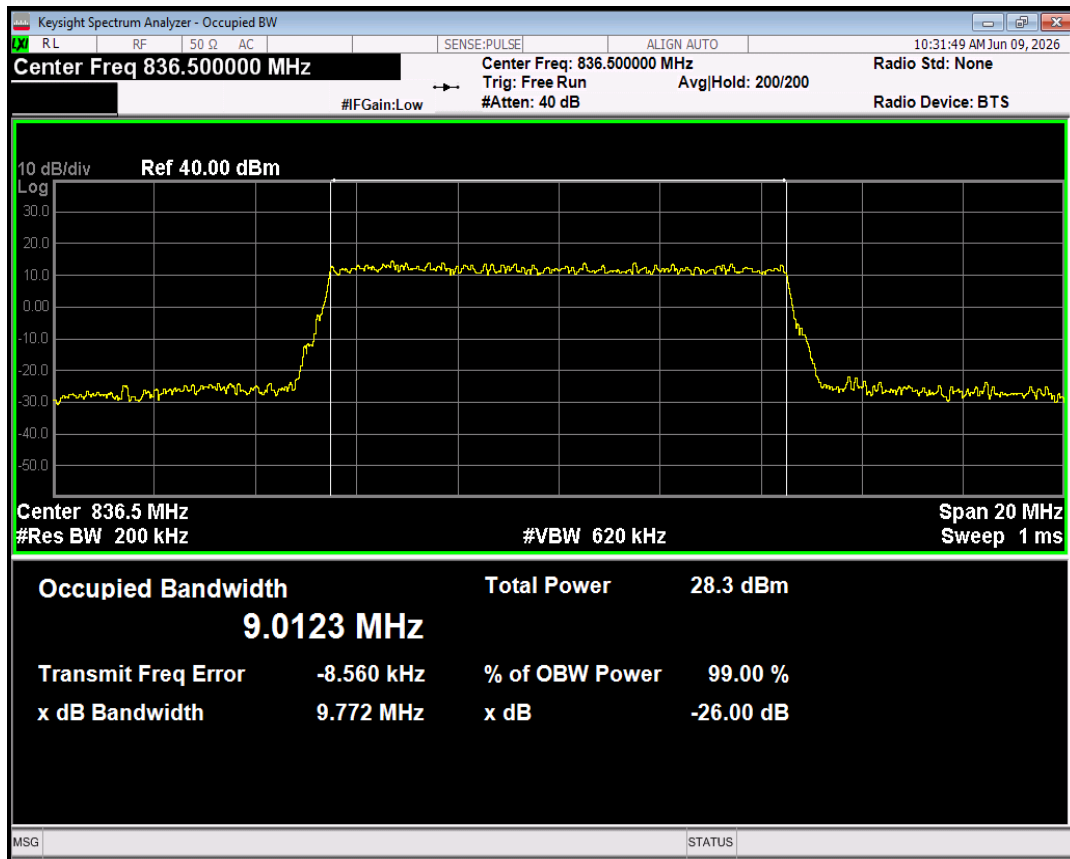
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



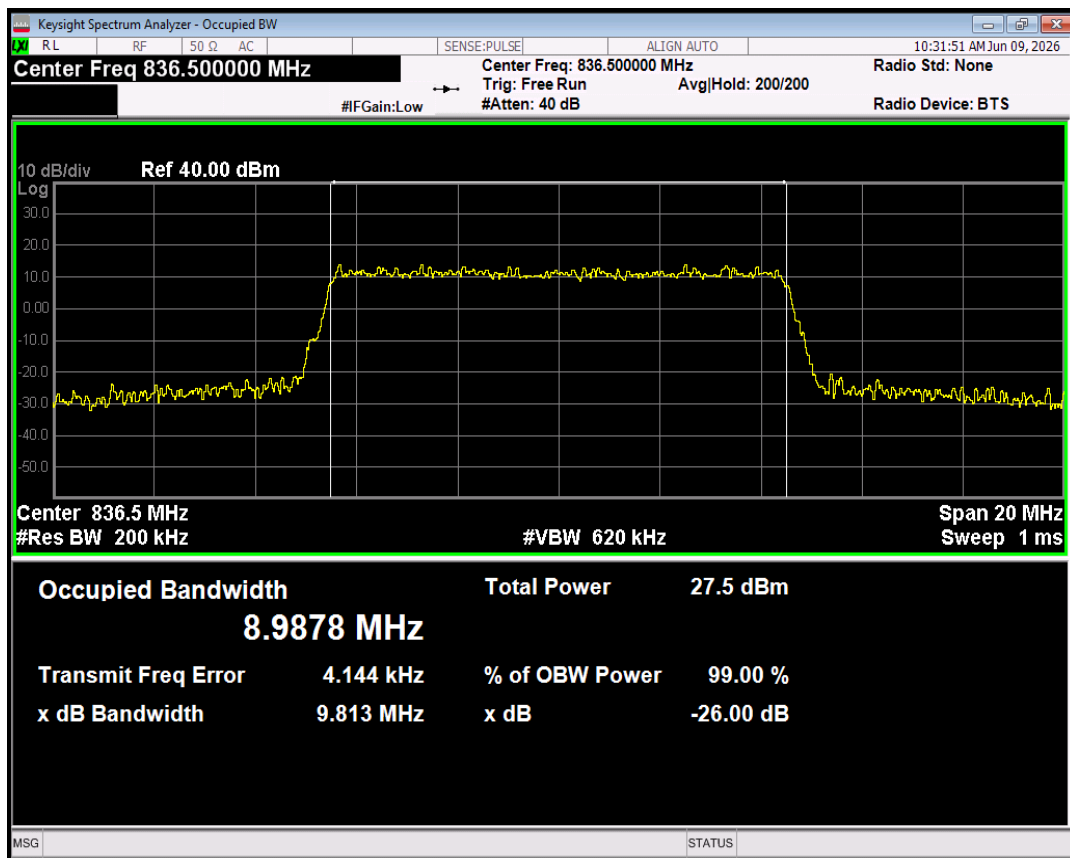
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



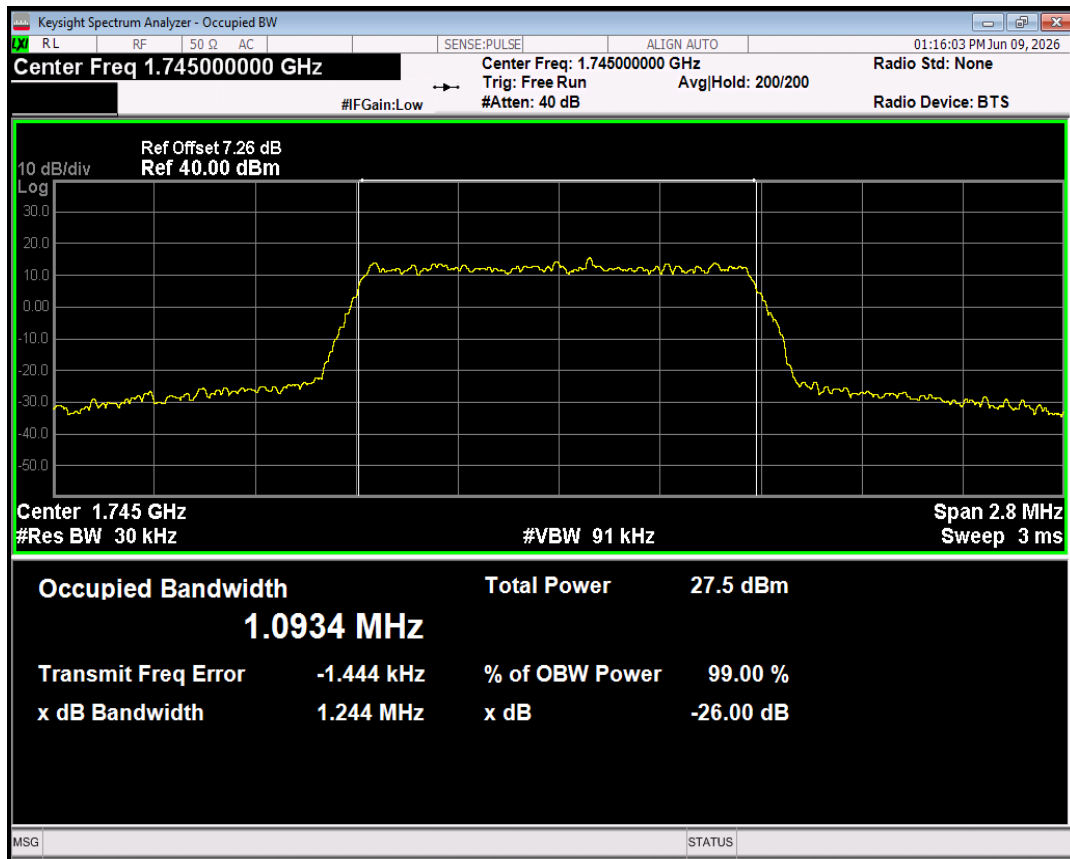
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



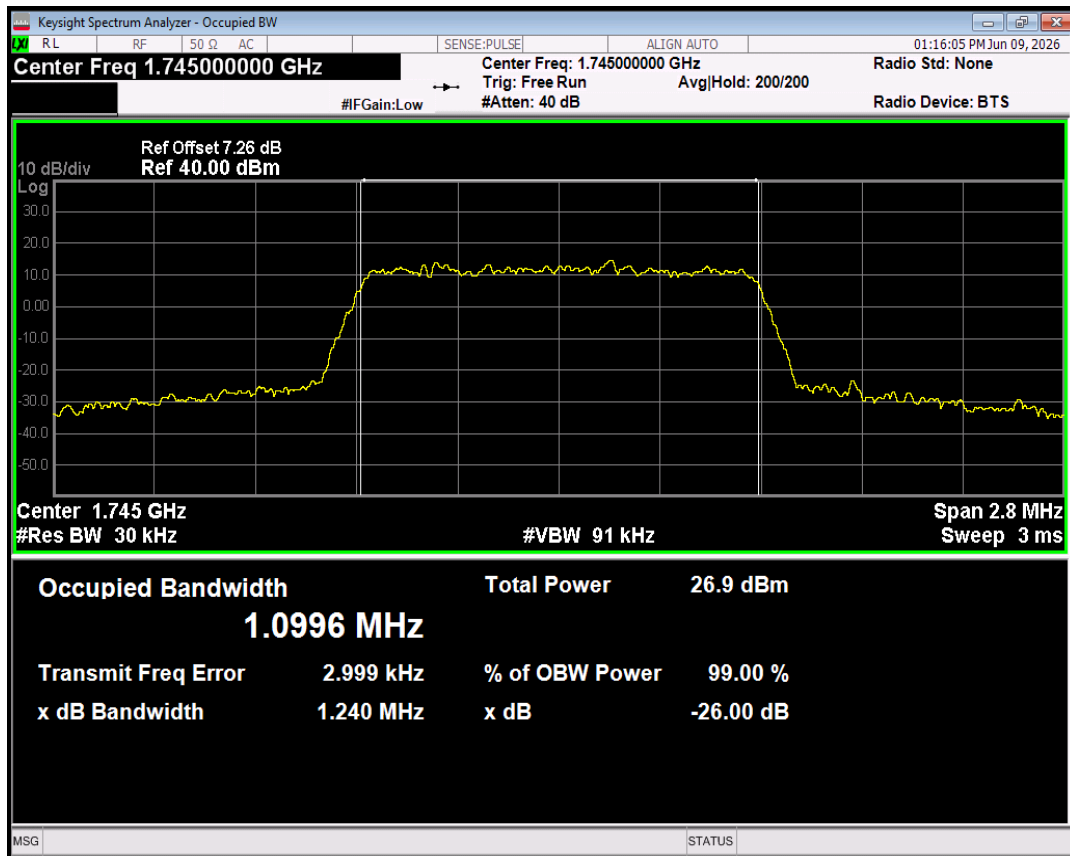
Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0



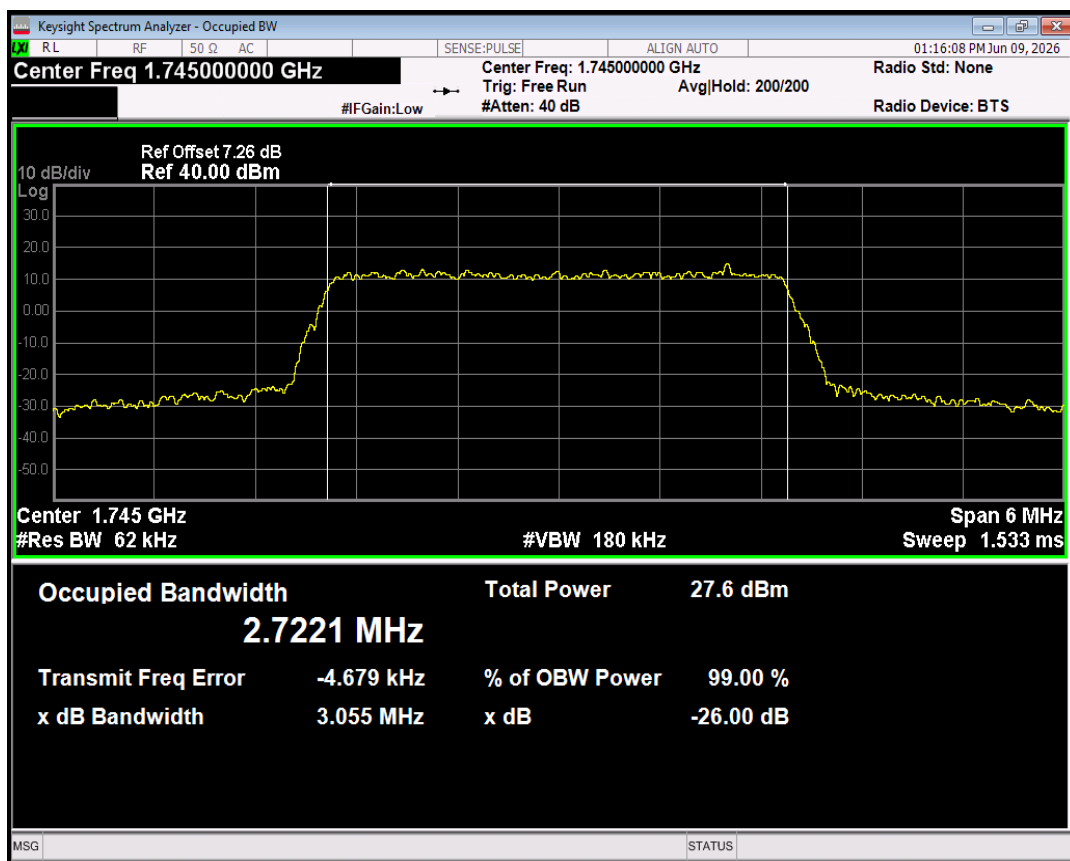
Band66 QPSK BW=1.4MHz Channel=132322 RB Size=6 Position=#0



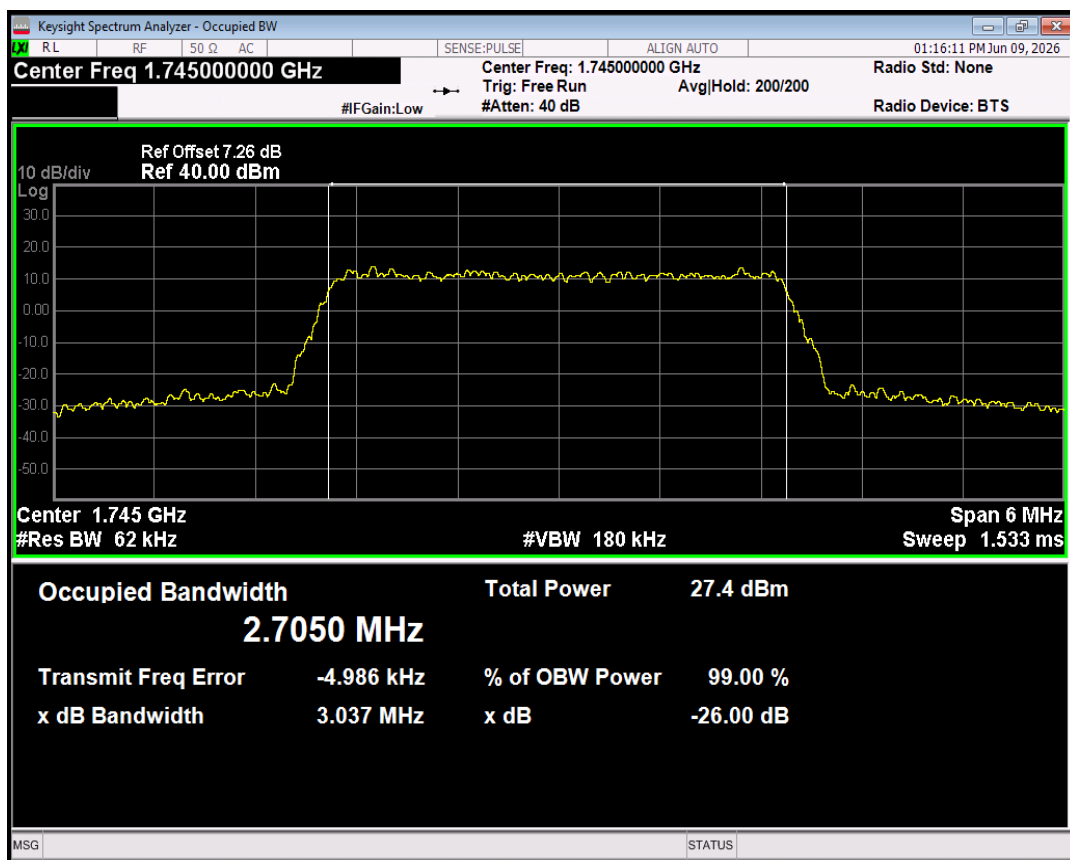
Band66 16QAM BW=1.4MHz Channel=132322 RB Size=6 Position=#0



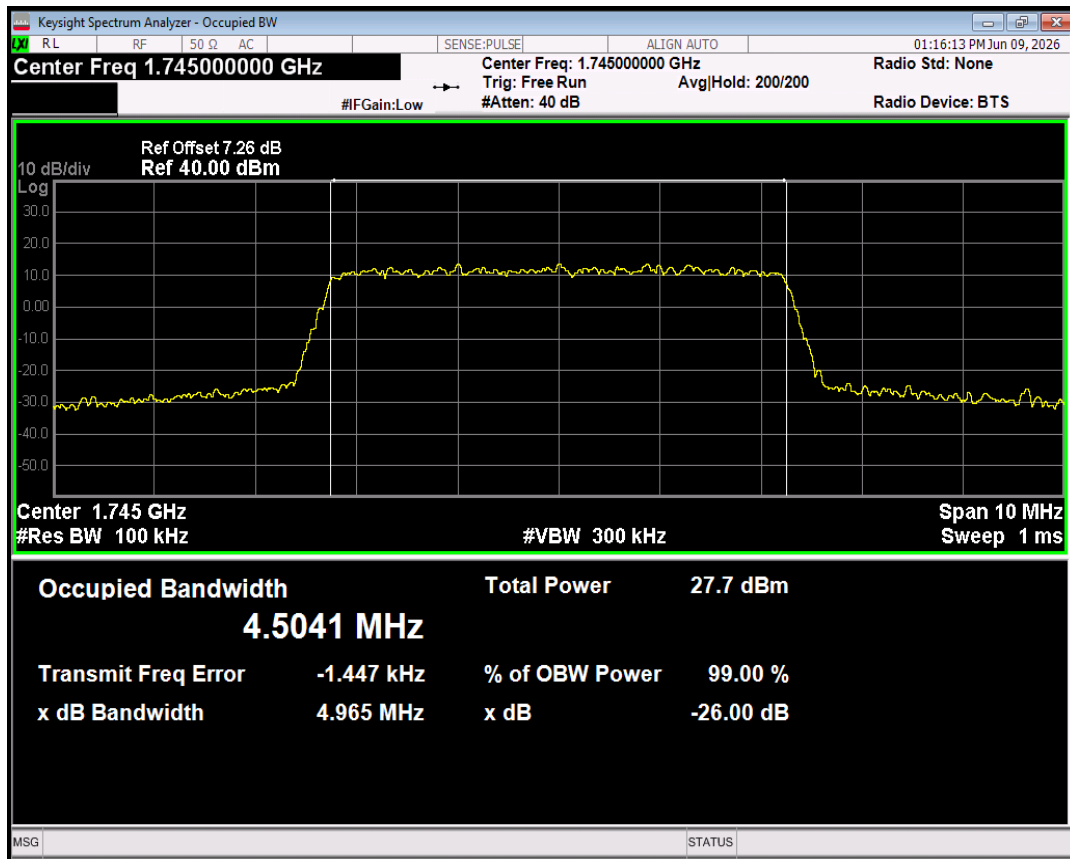
Band66 QPSK BW=3MHz Channel=132322 RB Size=15 Position=#0



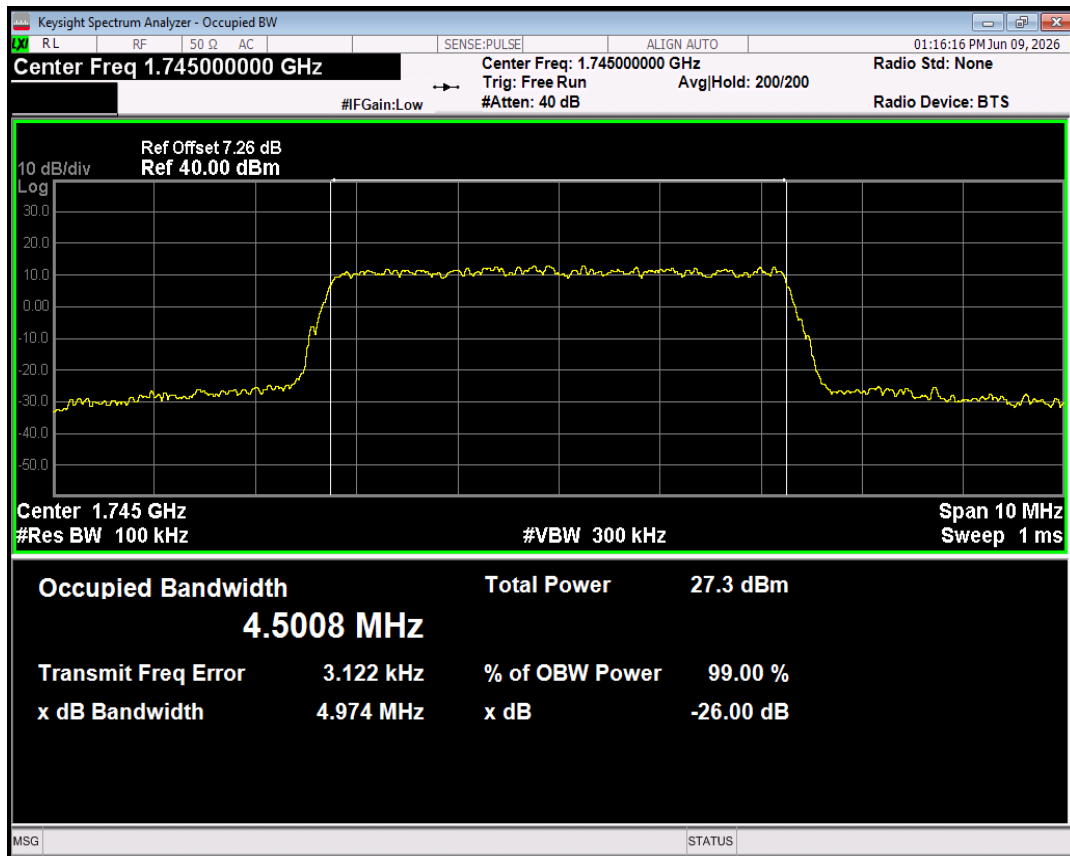
Band66 16QAM BW=3MHz Channel=132322 RB Size=15 Position=#0



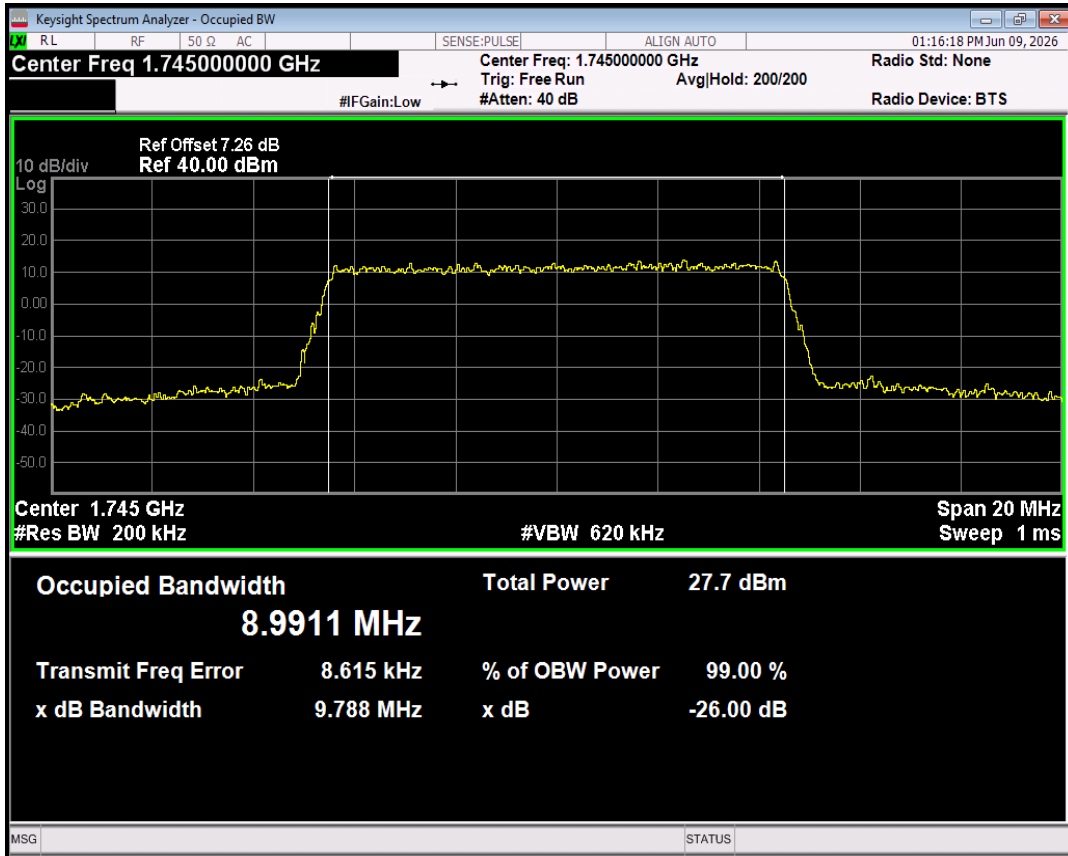
Band66 QPSK BW=5MHz Channel=132322 RB Size=25 Position=#0



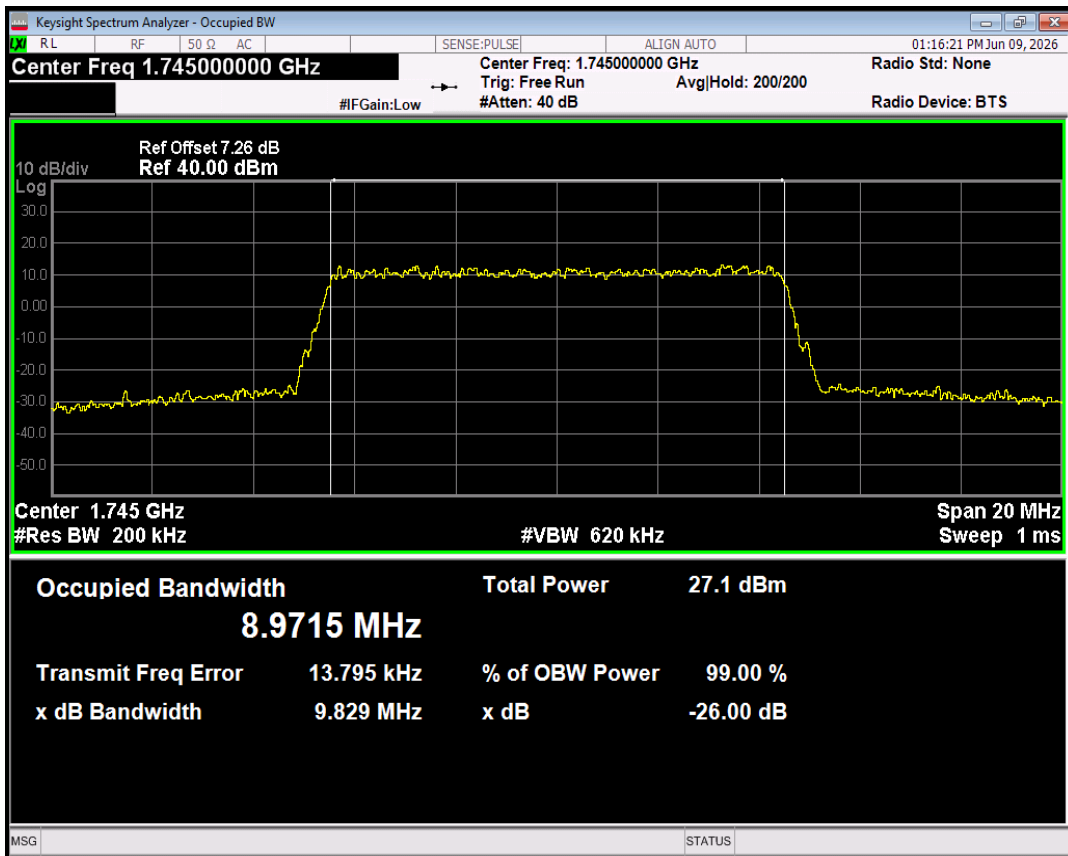
Band66 16QAM BW=5MHz Channel=132322 RB Size=25 Position=#0



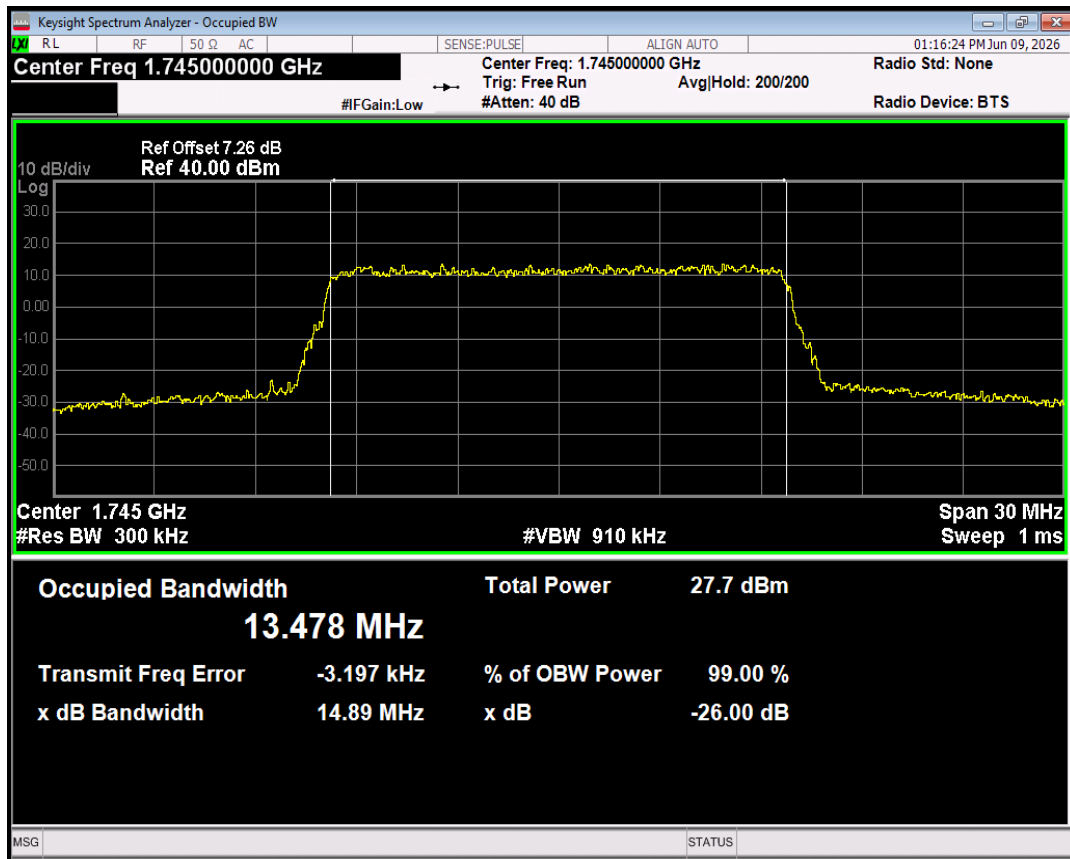
Band66 QPSK BW=10MHz Channel=132322 RB Size=50 Position=#0



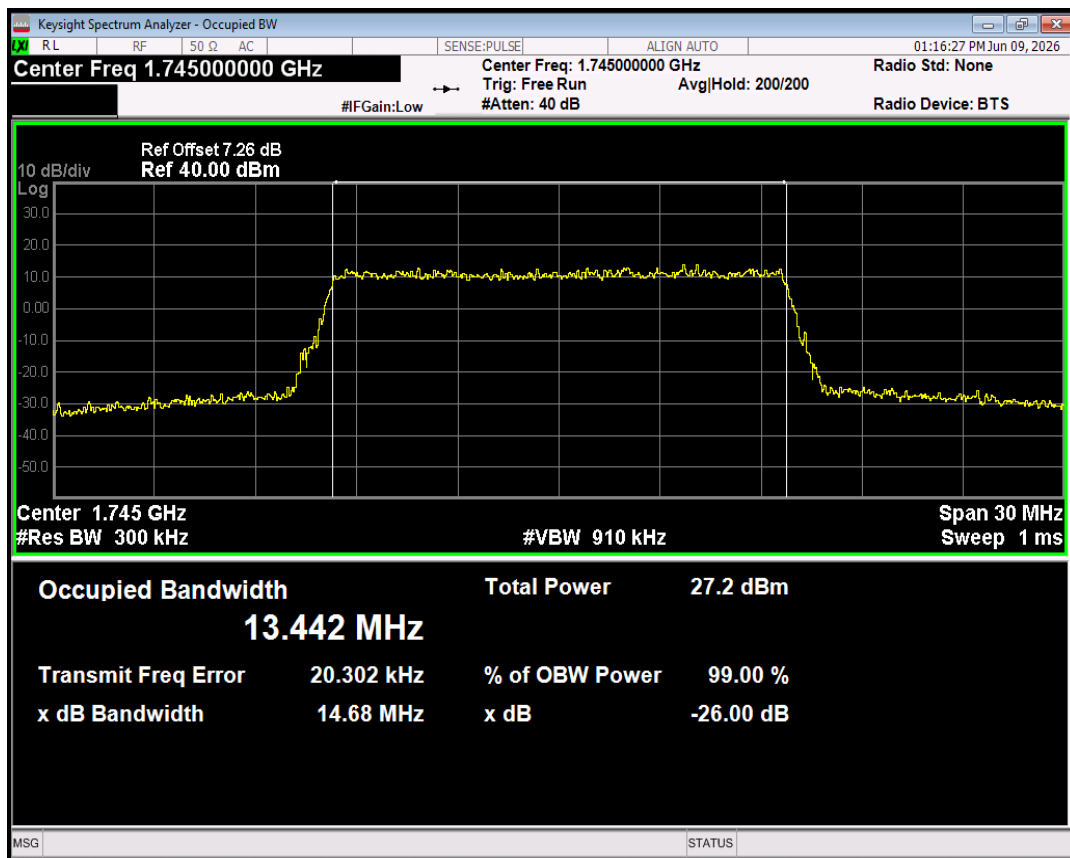
Band66 16QAM BW=10MHz Channel=132322 RB Size=50 Position=#0



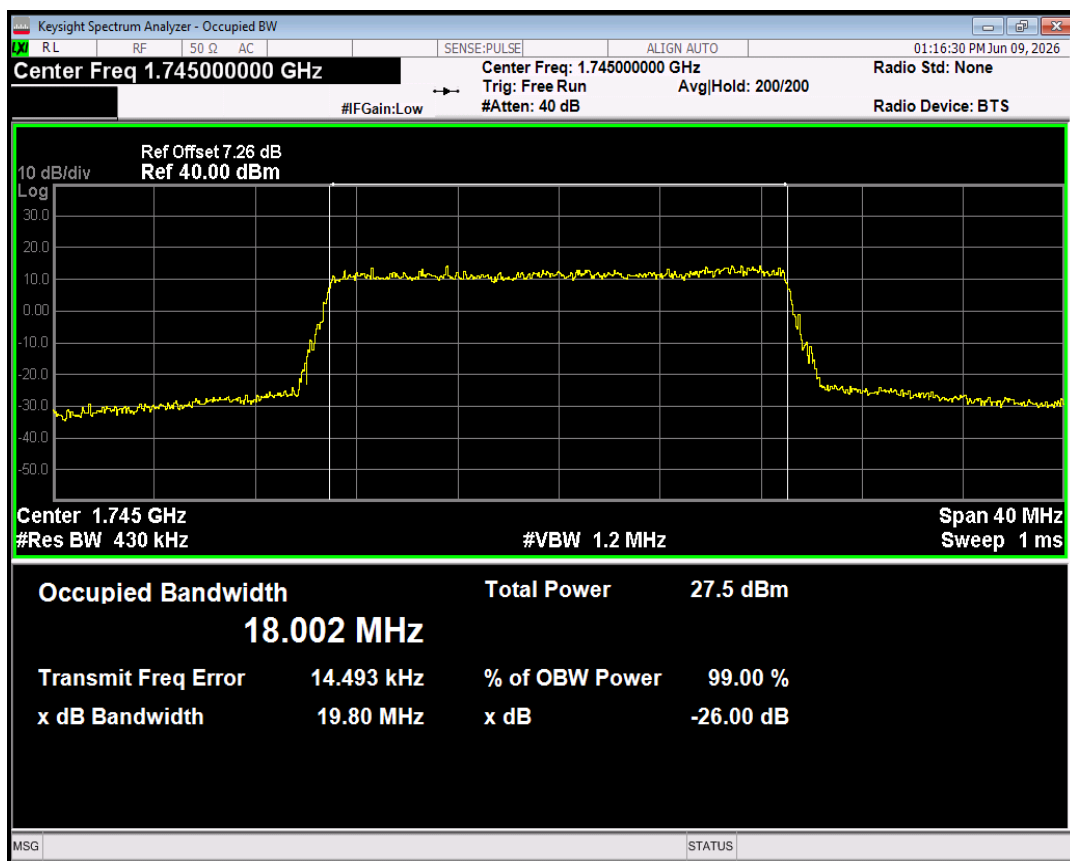
Band66 QPSK BW=15MHz Channel=132322 RB Size=75 Position=#0



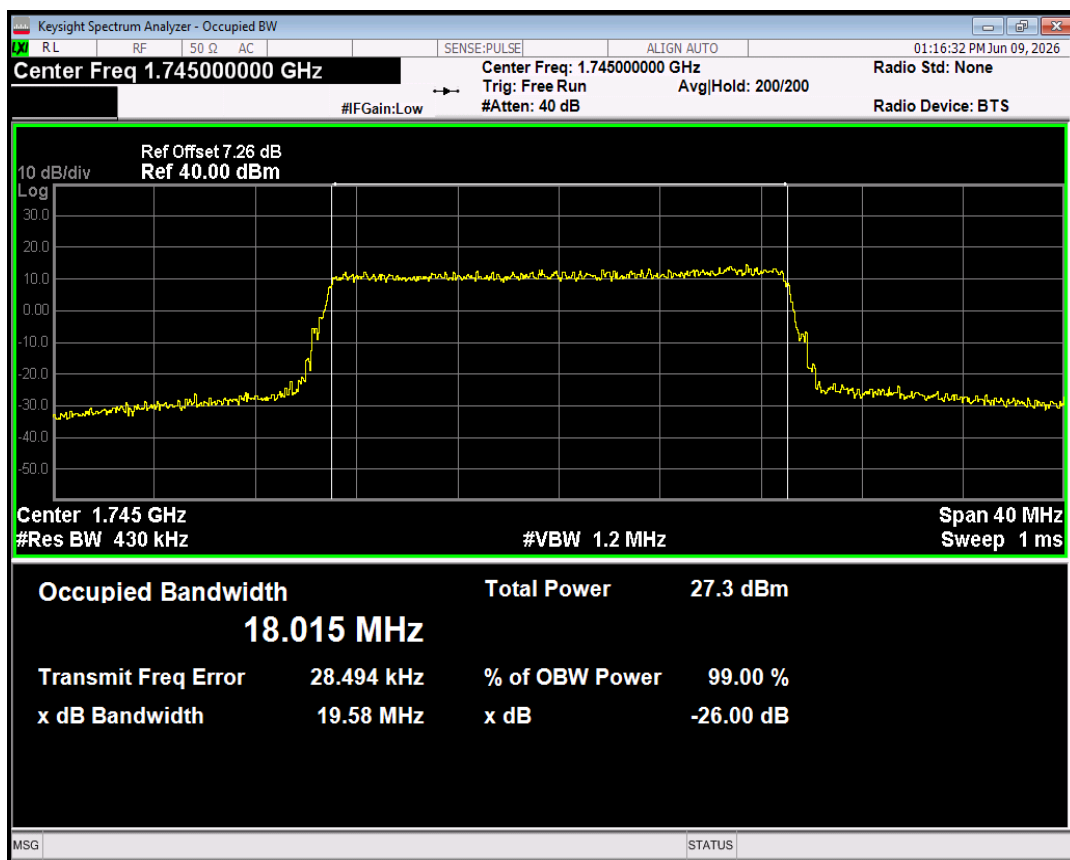
Band66 16QAM BW=15MHz Channel=132322 RB Size=75 Position=#0



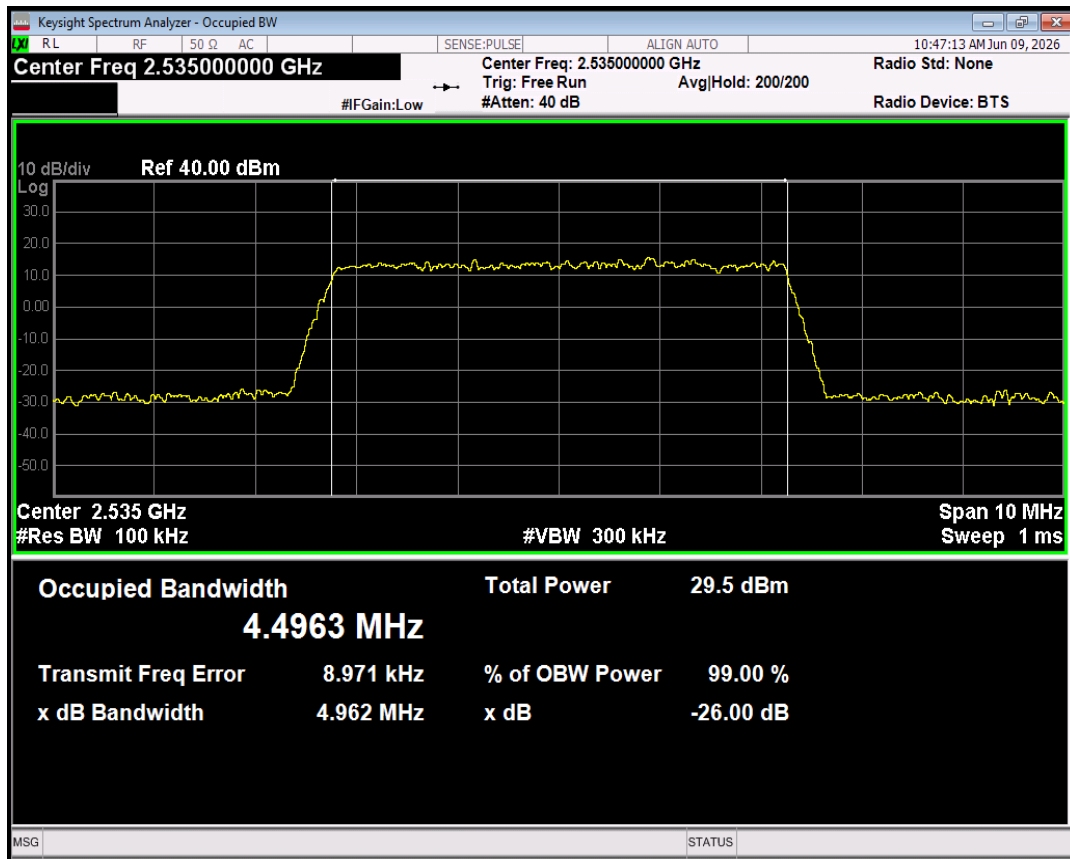
Band66 QPSK BW=20MHz Channel=132322 RB Size=100 Position=#0



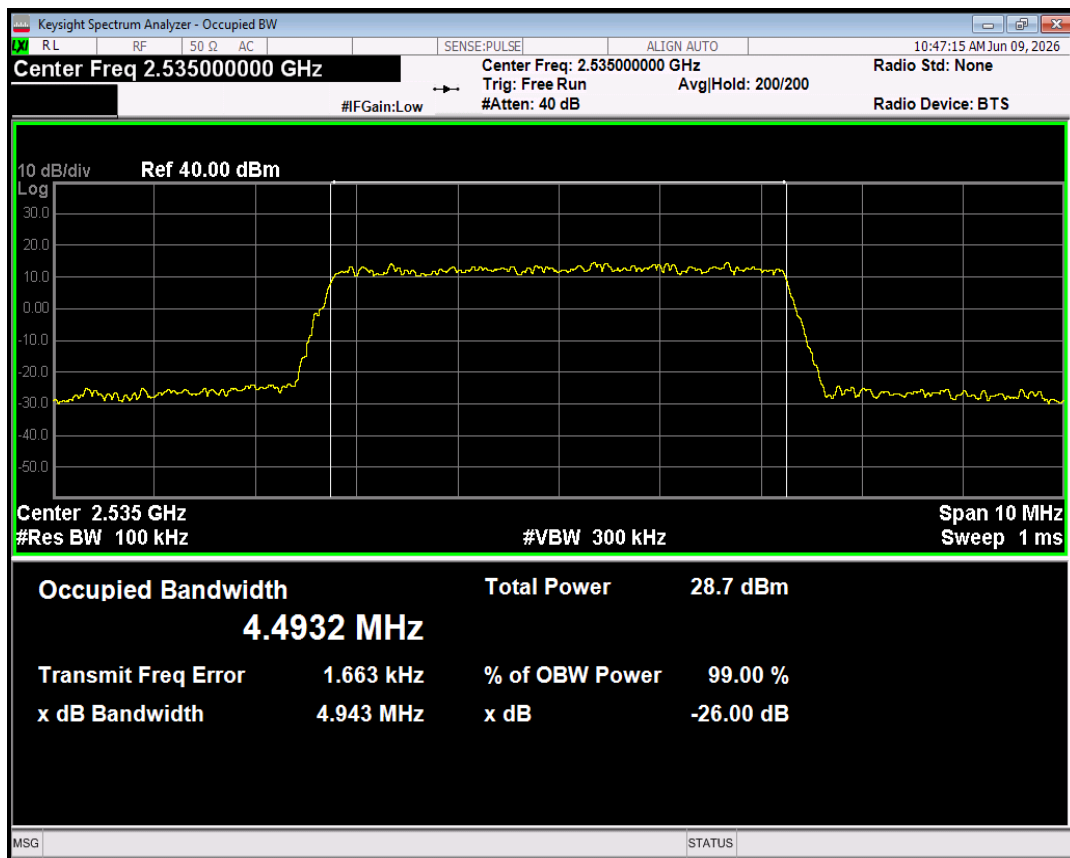
Band66 16QAM BW=20MHz Channel=132322 RB Size=100 Position=#0



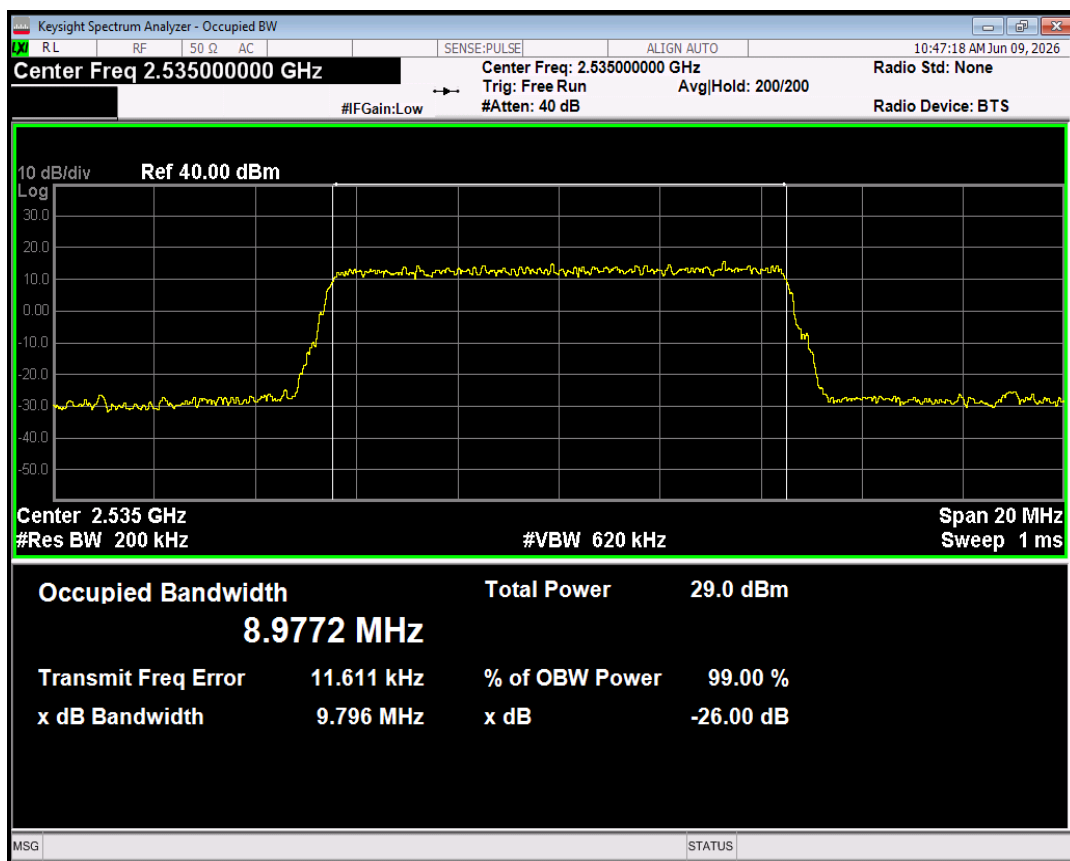
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



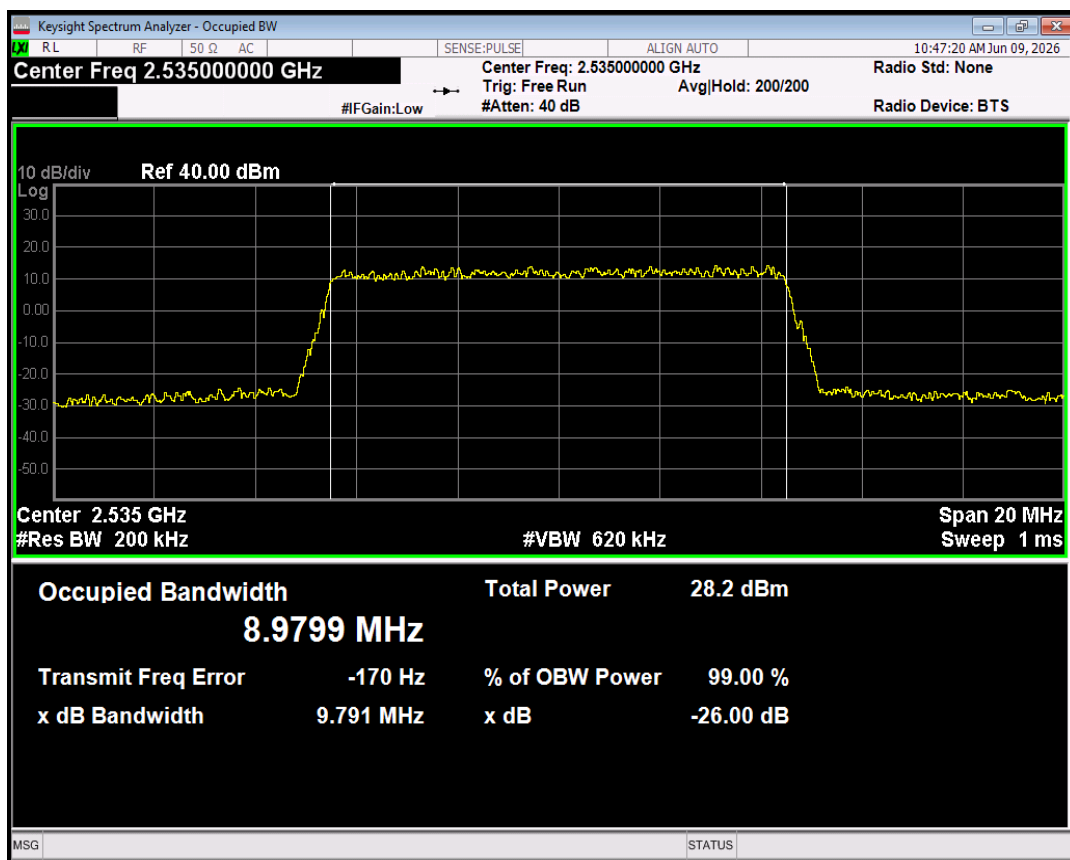
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0



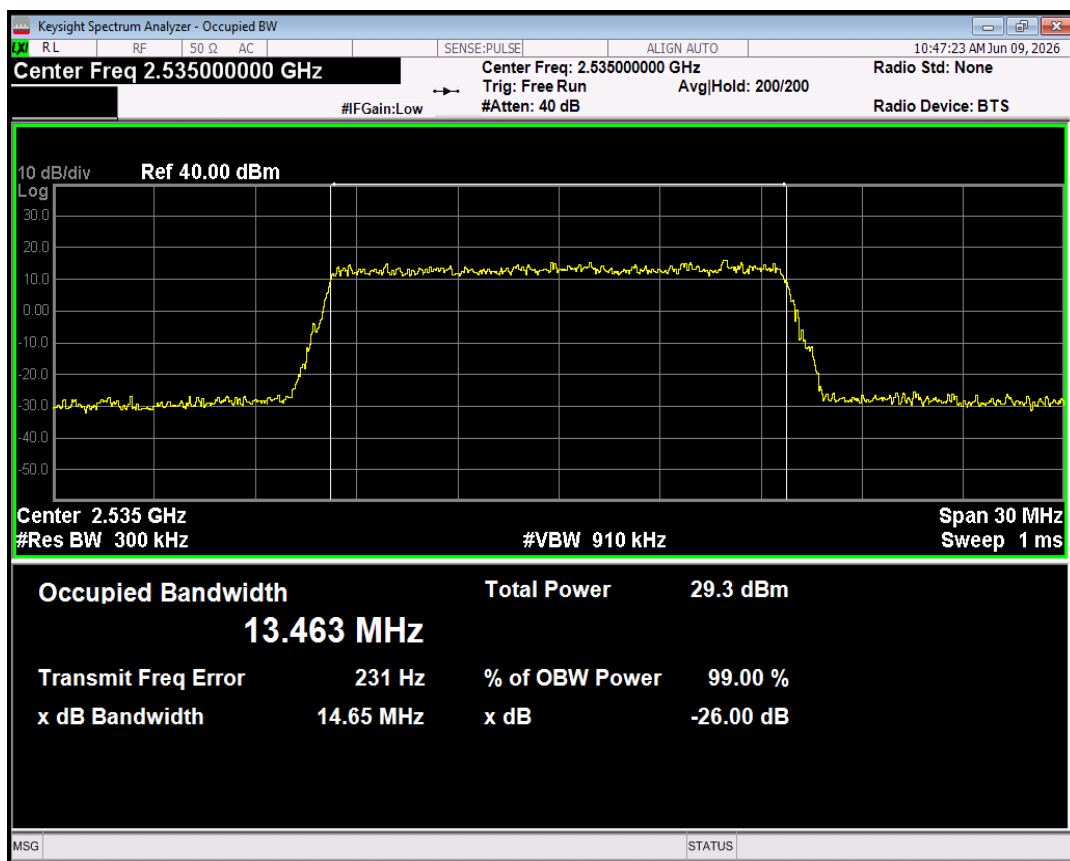
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



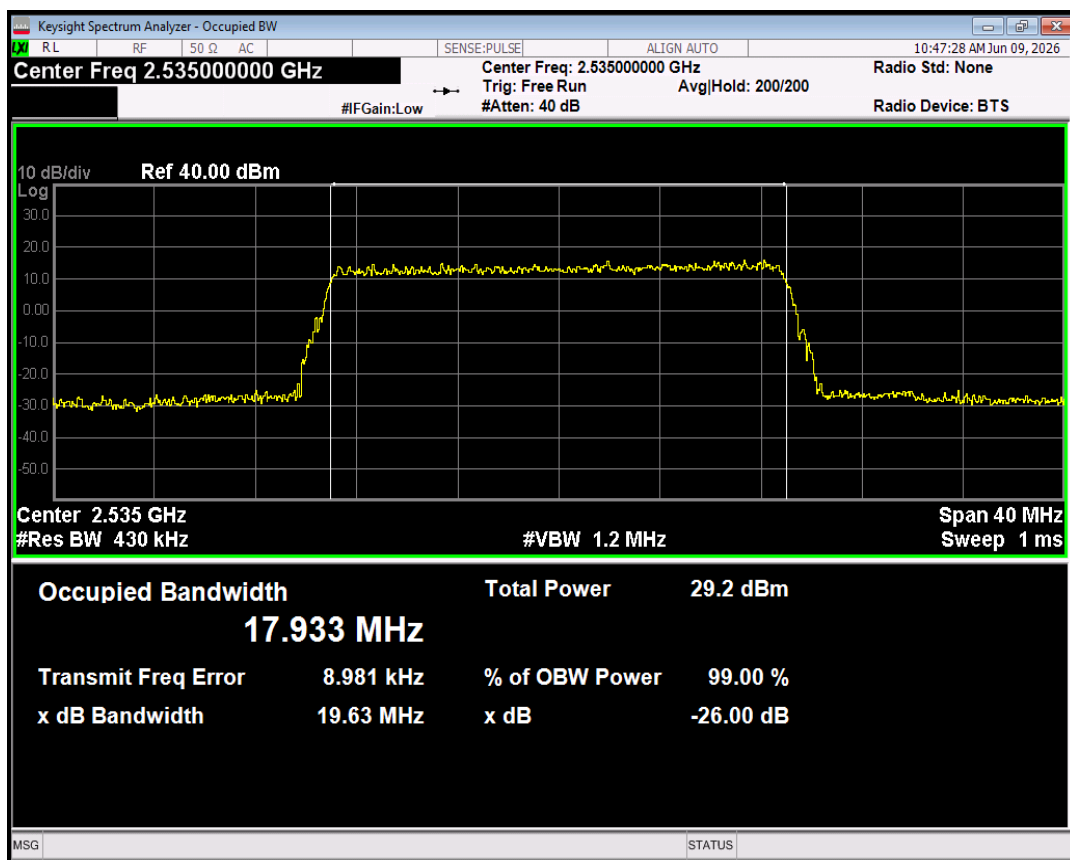
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0



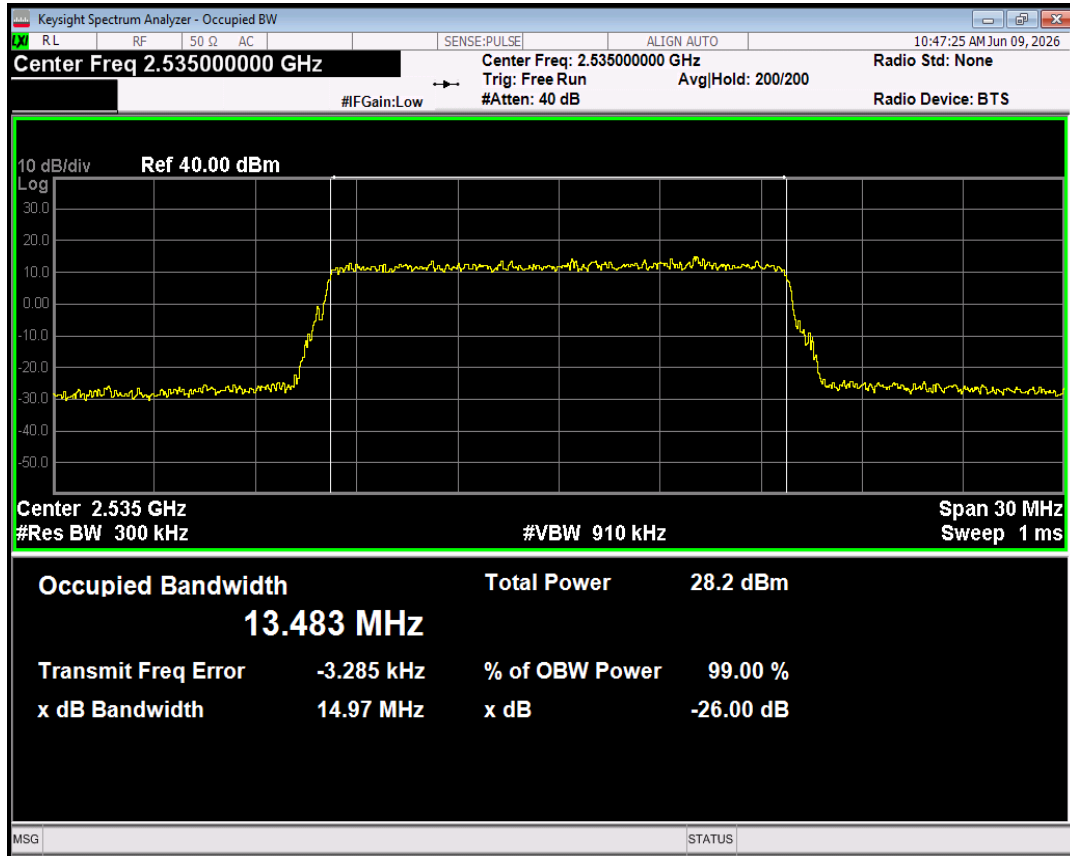
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



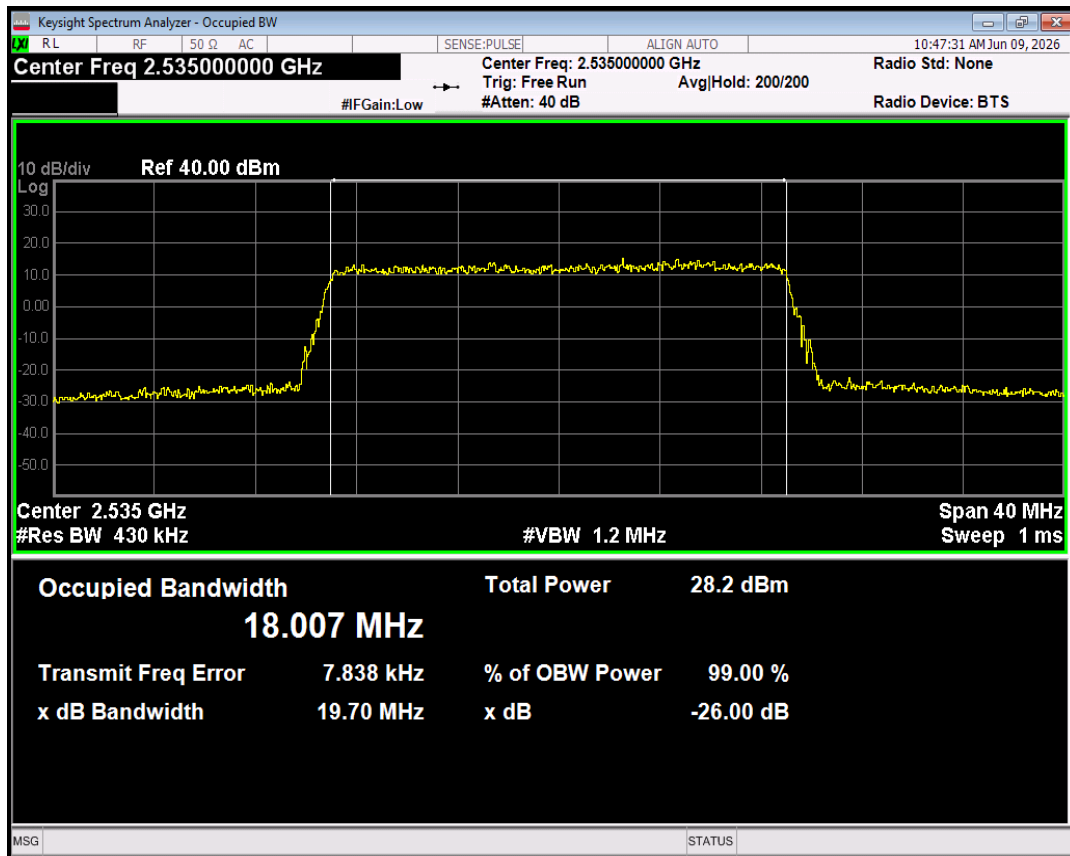
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



Band7 16QAM BW=15MHz Channel=21100 RB Size=75 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	699.26	12.65	30	PASS
Band12	1.4	23017	1	#Max	QPSK	700.17	12.94	30	PASS
Band12	1.4	23017	6	#0	QPSK	698.87	-29.48	-13	PASS
Band12	1.4	23017	1	#0	16QAM	699.19	11.89	30	PASS
Band12	1.4	23017	1	#Max	16QAM	700.08	12.21	30	PASS
Band12	1.4	23017	6	#0	16QAM	698.88	-35.68	-13	PASS
Band12	1.4	23173	1	#0	QPSK	714.80	13.93	30	PASS
Band12	1.4	23173	1	#Max	QPSK	716.00	-25.07	-13	PASS
Band12	1.4	23173	6	#0	QPSK	716.17	-34.46	-13	PASS
Band12	1.4	23173	1	#0	16QAM	714.86	12.88	30	PASS
Band12	1.4	23173	1	#Max	16QAM	716.04	-25.38	-13	PASS
Band12	1.4	23173	6	#0	16QAM	716.27	-36.43	-13	PASS
Band12	3	23025	1	#0	QPSK	699.00	-16.26	-13	PASS
Band12	3	23025	1	#Max	QPSK	699.00	-28.11	-13	PASS
Band12	3	23025	15	#0	QPSK	699.00	-25.73	-13	PASS
Band12	3	23025	1	#0	16QAM	699.00	-16.45	-13	PASS
Band12	3	23025	1	#Max	16QAM	698.99	-27.83	-13	PASS
Band12	3	23025	15	#0	16QAM	699.00	-26.96	-13	PASS
Band12	3	23165	1	#0	QPSK	716.00	-28.13	-13	PASS
Band12	3	23165	1	#Max	QPSK	716.00	-15.28	-13	PASS
Band12	3	23165	15	#0	QPSK	716.00	-25.02	-13	PASS
Band12	3	23165	1	#0	16QAM	716.00	-28.46	-13	PASS
Band12	3	23165	1	#Max	16QAM	716.00	-15.02	-13	PASS
Band12	3	23165	15	#0	16QAM	716.00	-26.09	-13	PASS
Band12	5	23035	1	#0	QPSK	699.00	-24.36	-13	PASS
Band12	5	23035	1	#Max	QPSK	703.69	13.99	30	PASS
Band12	5	23035	25	#0	QPSK	699.00	-34.99	-13	PASS
Band12	5	23035	1	#0	16QAM	698.99	-24.06	-13	PASS
Band12	5	23035	1	#Max	16QAM	703.65	12.50	30	PASS
Band12	5	23035	25	#0	16QAM	698.99	-35.72	-13	PASS
Band12	5	23155	1	#0	QPSK	711.39	14.04	30	PASS
Band12	5	23155	1	#Max	QPSK	716.00	-22.40	-13	PASS
Band12	5	23155	25	#0	QPSK	716.00	-34.51	-13	PASS
Band12	5	23155	1	#0	16QAM	711.37	13.26	30	PASS
Band12	5	23155	1	#Max	16QAM	716.00	-23.27	-13	PASS
Band12	5	23155	25	#0	16QAM	716.00	-35.24	-13	PASS
Band12	10	23060	1	#0	QPSK	699.61	15.41	30	PASS
Band12	10	23060	1	#Max	QPSK	708.39	15.37	30	PASS
Band12	10	23060	50	#0	QPSK	698.99	-40.34	-13	PASS
Band12	10	23060	1	#0	16QAM	699.00	-29.33	-13	PASS
Band12	10	23060	1	#Max	16QAM	688.41	-56.76	-13	PASS
Band12	10	23060	50	#0	16QAM	698.85	-42.03	-13	PASS

Band12	10	23130	1	#0	QPSK	706.54	15.39	30	PASS
Band12	10	23130	1	#Max	QPSK	715.43	15.85	30	PASS
Band12	10	23130	50	#0	QPSK	716.01	-40.43	-13	PASS
Band12	10	23130	1	#0	16QAM	706.63	14.46	30	PASS
Band12	10	23130	1	#Max	16QAM	716.00	-27.91	-13	PASS
Band12	10	23130	50	#0	16QAM	716.01	-41.45	-13	PASS
Band13	5	23205	1	#0	QPSK	777.00	-28.65	-13	PASS
Band13	5	23205	1	#Max	QPSK	781.61	13.21	30	PASS
Band13	5	23205	25	#0	QPSK	774.90	-56.77	-35	PASS
Band13	5	23205	1	#0	16QAM	777.00	-29.35	-13	PASS
Band13	5	23205	1	#Max	16QAM	781.59	11.81	30	PASS
Band13	5	23205	25	#0	16QAM	774.96	-56.29	-35	PASS
Band13	5	23255	1	#0	QPSK	782.35	13.48	30	PASS
Band13	5	23255	1	#Max	QPSK	787.00	-28.10	-13	PASS
Band13	5	23255	25	#0	QPSK	793.34	-60.04	-35	PASS
Band13	5	23255	1	#0	16QAM	782.29	12.30	30	PASS
Band13	5	23255	1	#Max	16QAM	787.01	-29.12	-13	PASS
Band13	5	23255	25	#0	16QAM	793.13	-60.60	-35	PASS
Band13	10	23230	1	#0	QPSK	777.58	13.28	30	PASS
Band13	10	23230	1	#Max	QPSK	786.34	13.74	30	PASS
Band13	10	23230	50	#0	QPSK	793.31	-57.11	-35	PASS
Band13	10	23230	1	#0	16QAM	795.17	-50.82	-35	PASS
Band13	10	23230	1	#Max	16QAM	786.34	12.64	30	PASS
Band13	10	23230	50	#0	16QAM	774.95	-57.41	-35	PASS
Band17	5	23755	1	#0	QPSK	703.99	-21.70	-13	PASS
Band17	5	23755	1	#Max	QPSK	708.63	18.04	30	PASS
Band17	5	23755	25	#0	QPSK	702.88	-32.51	-13	PASS
Band17	5	23755	1	#0	16QAM	703.99	-22.05	-13	PASS
Band17	5	23755	1	#Max	16QAM	708.69	17.64	30	PASS
Band17	5	23755	25	#0	16QAM	702.72	-32.62	-13	PASS
Band17	5	23825	1	#0	QPSK	711.32	18.47	30	PASS
Band17	5	23825	1	#Max	QPSK	716.01	-20.56	-13	PASS
Band17	5	23825	25	#0	QPSK	717.43	-30.80	-13	PASS
Band17	5	23825	1	#0	16QAM	711.37	17.09	30	PASS
Band17	5	23825	1	#Max	16QAM	716.01	-20.76	-13	PASS
Band17	5	23825	25	#0	16QAM	717.20	-29.46	-13	PASS
Band17	10	23780	1	#0	QPSK	704.56	19.84	30	PASS
Band17	10	23780	1	#Max	QPSK	713.38	20.31	30	PASS
Band17	10	23780	50	#0	QPSK	703.92	-35.74	-13	PASS
Band17	10	23780	1	#0	16QAM	698.07	-46.46	-13	PASS
Band17	10	23780	1	#Max	16QAM	713.41	18.67	30	PASS
Band17	10	23780	50	#0	16QAM	702.93	-37.49	-13	PASS
Band17	10	23800	1	#0	QPSK	706.57	19.95	30	PASS
Band17	10	23800	1	#Max	QPSK	715.38	20.29	30	PASS

Band17	10	23800	50	#0	QPSK	717.01	-30.20	-13	PASS
Band17	10	23800	1	#0	16QAM	706.57	18.99	30	PASS
Band17	10	23800	1	#Max	16QAM	716.01	-23.60	-13	PASS
Band17	10	23800	50	#0	16QAM	717.21	-25.71	-13	PASS
Band2	1.4	18607	1	#0	QPSK	1848.98	-30.68	-13	PASS
Band2	1.4	18607	1	#Max	QPSK	1851.10	11.73	30	PASS
Band2	1.4	18607	6	#0	QPSK	1848.99	-30.05	-13	PASS
Band2	1.4	18607	1	#0	16QAM	1850.18	11.85	30	PASS
Band2	1.4	18607	1	#Max	16QAM	1851.19	11.43	30	PASS
Band2	1.4	18607	6	#0	16QAM	1848.93	-30.65	-13	PASS
Band2	1.4	19193	1	#0	QPSK	1908.80	12.24	30	PASS
Band2	1.4	19193	1	#Max	QPSK	1910.00	-29.80	-13	PASS
Band2	1.4	19193	6	#0	QPSK	1911.13	-28.65	-13	PASS
Band2	1.4	19193	1	#0	16QAM	1908.86	10.76	30	PASS
Band2	1.4	19193	1	#Max	16QAM	1910.02	-28.17	-13	PASS
Band2	1.4	19193	6	#0	16QAM	1911.06	-28.41	-13	PASS
Band2	3	18615	1	#0	QPSK	1850.00	-18.40	-13	PASS
Band2	3	18615	1	#Max	QPSK	1852.71	14.84	30	PASS
Band2	3	18615	15	#0	QPSK	1850.00	-27.91	-13	PASS
Band2	3	18615	1	#0	16QAM	1849.99	-18.57	-13	PASS
Band2	3	18615	1	#Max	16QAM	1852.73	13.88	30	PASS
Band2	3	18615	15	#0	16QAM	1848.94	-29.23	-13	PASS
Band2	3	19185	1	#0	QPSK	1907.24	15.05	30	PASS
Band2	3	19185	1	#Max	QPSK	1910.00	-17.72	-13	PASS
Band2	3	19185	15	#0	QPSK	1910.01	-27.90	-13	PASS
Band2	3	19185	1	#0	16QAM	1907.17	14.48	30	PASS
Band2	3	19185	1	#Max	16QAM	1910.00	-18.98	-13	PASS
Band2	3	19185	15	#0	16QAM	1911.01	-28.93	-13	PASS
Band2	5	18625	1	#0	QPSK	1849.99	-24.71	-13	PASS
Band2	5	18625	1	#Max	QPSK	1854.69	17.24	30	PASS
Band2	5	18625	25	#0	QPSK	1848.93	-31.32	-13	PASS
Band2	5	18625	1	#0	16QAM	1850.00	-23.26	-13	PASS
Band2	5	18625	1	#Max	16QAM	1854.64	16.32	30	PASS
Band2	5	18625	25	#0	16QAM	1848.98	-32.81	-13	PASS
Band2	5	19175	1	#0	QPSK	1905.36	17.79	30	PASS
Band2	5	19175	1	#Max	QPSK	1910.02	-24.08	-13	PASS
Band2	5	19175	25	#0	QPSK	1911.02	-29.43	-13	PASS
Band2	5	19175	1	#0	16QAM	1905.31	15.90	30	PASS
Band2	5	19175	1	#Max	16QAM	1910.00	-23.76	-13	PASS
Band2	5	19175	25	#0	16QAM	1911.01	-30.23	-13	PASS
Band2	10	18650	1	#0	QPSK	1850.56	18.58	30	PASS
Band2	10	18650	1	#Max	QPSK	1859.38	19.12	30	PASS
Band2	10	18650	50	#0	QPSK	1848.90	-34.87	-13	PASS
Band2	10	18650	1	#0	16QAM	1850.57	17.90	30	PASS

Band2	10	18650	1	#Max	16QAM	1859.38	18.29	30	PASS
Band2	10	18650	50	#0	16QAM	1848.99	-36.28	-13	PASS
Band2	10	19150	1	#0	QPSK	1900.61	19.55	30	PASS
Band2	10	19150	1	#Max	QPSK	1910.01	-22.95	-13	PASS
Band2	10	19150	50	#0	QPSK	1911.03	-30.58	-13	PASS
Band2	10	19150	1	#0	16QAM	1900.63	17.35	30	PASS
Band2	10	19150	1	#Max	16QAM	1909.44	17.34	30	PASS
Band2	10	19150	50	#0	16QAM	1911.24	-31.78	-13	PASS
Band2	15	18675	1	#0	QPSK	1850.81	19.90	30	PASS
Band2	15	18675	1	#Max	QPSK	1864.15	20.68	30	PASS
Band2	15	18675	75	#0	QPSK	1849.98	-35.71	-13	PASS
Band2	15	18675	1	#0	16QAM	1850.81	19.67	30	PASS
Band2	15	18675	1	#Max	16QAM	1864.18	19.58	30	PASS
Band2	15	18675	75	#0	16QAM	1849.98	-35.91	-13	PASS
Band2	15	19125	1	#0	QPSK	1895.81	20.64	30	PASS
Band2	15	19125	1	#Max	QPSK	1909.13	20.65	30	PASS
Band2	15	19125	75	#0	QPSK	1911.34	-33.22	-13	PASS
Band2	15	19125	1	#0	16QAM	1895.78	18.81	30	PASS
Band2	15	19125	1	#Max	16QAM	1909.13	19.27	30	PASS
Band2	15	19125	75	#0	16QAM	1911.25	-34.25	-13	PASS
Band2	20	18700	1	#0	QPSK	1851.06	21.14	30	PASS
Band2	20	18700	1	#Max	QPSK	1868.86	21.17	30	PASS
Band2	20	18700	100	#0	QPSK	1849.97	-38.18	-13	PASS
Band2	20	18700	1	#0	16QAM	1851.10	19.89	30	PASS
Band2	20	18700	1	#Max	16QAM	1868.92	19.98	30	PASS
Band2	20	18700	100	#0	16QAM	1848.16	-39.22	-13	PASS
Band2	20	19100	1	#0	QPSK	1891.06	20.85	30	PASS
Band2	20	19100	1	#Max	QPSK	1908.90	21.55	30	PASS
Band2	20	19100	100	#0	QPSK	1911.04	-35.01	-13	PASS
Band2	20	19100	1	#0	16QAM	1891.08	19.89	30	PASS
Band2	20	19100	1	#Max	16QAM	1908.84	20.15	30	PASS
Band2	20	19100	100	#0	16QAM	1911.08	-36.14	-13	PASS
Band38	5	37775	1	#0	QPSK	2562.69	-30.45	-25	PASS
Band38	5	37775	1	#Max	QPSK	2563.69	-34.64	-25	PASS
Band38	5	37775	25	#0	QPSK	2563.00	-35.96	-25	PASS
Band38	5	37775	1	#0	16QAM	2563.96	-31.23	-25	PASS
Band38	5	37775	1	#Max	16QAM	2563.81	-35.98	-25	PASS
Band38	5	37775	25	#0	16QAM	2563.90	-37.84	-25	PASS
Band38	5	38225	1	#0	QPSK	2626.52	-35.00	-25	PASS
Band38	5	38225	1	#Max	QPSK	2626.91	-32.69	-25	PASS
Band38	5	38225	25	#0	QPSK	2627.61	-35.10	-25	PASS
Band38	5	38225	1	#0	16QAM	2626.74	-35.01	-25	PASS
Band38	5	38225	1	#Max	16QAM	2628.17	-33.83	-25	PASS
Band38	5	38225	25	#0	16QAM	2626.02	-35.38	-25	PASS

Band38	10	37800	1	#0	QPSK	2569.97	-18.72	-10	PASS
Band38	10	37800	1	#Max	QPSK	2579.42	18.25	30	PASS
Band38	10	37800	50	#0	QPSK	2559.62	-36.87	-25	PASS
Band38	10	37800	1	#0	16QAM	2557.76	-41.40	-25	PASS
Band38	10	37800	1	#Max	16QAM	2559.34	-38.70	-25	PASS
Band38	10	37800	50	#0	16QAM	2559.21	-38.63	-25	PASS
Band38	10	38200	1	#0	QPSK	2610.56	17.75	30	PASS
Band38	10	38200	1	#Max	QPSK	2620.04	-18.26	-10	PASS
Band38	10	38200	50	#0	QPSK	2630.95	-36.87	-25	PASS
Band38	10	38200	1	#0	16QAM	2632.11	-38.38	-25	PASS
Band38	10	38200	1	#Max	16QAM	2620.06	-19.75	-10	PASS
Band38	10	38200	50	#0	16QAM	2630.28	-36.85	-25	PASS
Band38	15	37825	1	#0	QPSK	2569.98	-19.35	-10	PASS
Band38	15	37825	1	#Max	QPSK	2584.17	18.63	30	PASS
Band38	15	37825	75	#0	QPSK	2554.59	-38.12	-25	PASS
Band38	15	37825	1	#0	16QAM	2569.98	-20.48	-10	PASS
Band38	15	37825	1	#Max	16QAM	2584.12	16.66	30	PASS
Band38	15	37825	75	#0	16QAM	2554.21	-37.40	-25	PASS
Band38	15	38175	1	#0	QPSK	2605.82	18.00	30	PASS
Band38	15	38175	1	#Max	QPSK	2620.05	-18.42	-10	PASS
Band38	15	38175	75	#0	QPSK	2636.09	-36.75	-25	PASS
Band38	15	38175	1	#0	16QAM	2605.82	16.23	30	PASS
Band38	15	38175	1	#Max	16QAM	2620.05	-21.13	-10	PASS
Band38	15	38175	75	#0	16QAM	2635.60	-37.78	-25	PASS
Band38	20	37850	1	#0	QPSK	2571.15	18.91	30	PASS
Band38	20	37850	1	#Max	QPSK	2588.92	19.46	30	PASS
Band38	20	37850	100	#0	QPSK	2547.24	-38.62	-25	PASS
Band38	20	37850	1	#0	16QAM	2569.69	-21.25	-10	PASS
Band38	20	37850	1	#Max	16QAM	2588.82	16.64	30	PASS
Band38	20	37850	100	#0	16QAM	2545.70	-39.29	-25	PASS
Band38	20	38150	1	#0	QPSK	2601.00	18.01	30	PASS
Band38	20	38150	1	#Max	QPSK	2620.08	-20.55	-10	PASS
Band38	20	38150	100	#0	QPSK	2640.46	-38.10	-25	PASS
Band38	20	38150	1	#0	16QAM	2601.07	16.41	30	PASS
Band38	20	38150	1	#Max	16QAM	2620.01	-21.57	-10	PASS
Band38	20	38150	100	#0	16QAM	2640.52	-37.51	-25	PASS
Band4	1.4	19957	1	#0	QPSK	1710.24	13.73	30	PASS
Band4	1.4	19957	1	#Max	QPSK	1708.99	-27.53	-13	PASS
Band4	1.4	19957	6	#0	QPSK	1709.00	-22.43	-13	PASS
Band4	1.4	19957	1	#0	16QAM	1708.97	-29.16	-13	PASS
Band4	1.4	19957	1	#Max	16QAM	1708.93	-29.88	-13	PASS
Band4	1.4	19957	6	#0	16QAM	1708.98	-23.54	-13	PASS
Band4	1.4	20393	1	#0	QPSK	1756.00	-29.36	-13	PASS
Band4	1.4	20393	1	#Max	QPSK	1754.77	13.29	30	PASS

Band4	1.4	20393	6	#0	QPSK	1756.00	-26.04	-13	PASS
Band4	1.4	20393	1	#0	16QAM	1753.87	12.19	30	PASS
Band4	1.4	20393	1	#Max	16QAM	1754.72	12.28	30	PASS
Band4	1.4	20393	6	#0	16QAM	1756.00	-24.69	-13	PASS
Band4	3	19965	1	#0	QPSK	1710.00	-16.73	-13	PASS
Band4	3	19965	1	#Max	QPSK	1707.76	-26.89	-13	PASS
Band4	3	19965	15	#0	QPSK	1708.95	-19.00	-13	PASS
Band4	3	19965	1	#0	16QAM	1710.00	-17.15	-13	PASS
Band4	3	19965	1	#Max	16QAM	1712.71	15.38	30	PASS
Band4	3	19965	15	#0	16QAM	1708.88	-19.28	-13	PASS
Band4	3	20385	1	#0	QPSK	1752.24	15.92	30	PASS
Band4	3	20385	1	#Max	QPSK	1755.00	-16.95	-13	PASS
Band4	3	20385	15	#0	QPSK	1756.03	-22.28	-13	PASS
Band4	3	20385	1	#0	16QAM	1752.17	15.74	30	PASS
Band4	3	20385	1	#Max	16QAM	1755.00	-16.88	-13	PASS
Band4	3	20385	15	#0	16QAM	1756.05	-22.33	-13	PASS
Band4	5	19975	1	#0	QPSK	1710.00	-21.73	-13	PASS
Band4	5	19975	1	#Max	QPSK	1714.64	18.24	30	PASS
Band4	5	19975	25	#0	QPSK	1708.98	-19.74	-13	PASS
Band4	5	19975	1	#0	16QAM	1710.00	-21.03	-13	PASS
Band4	5	19975	1	#Max	16QAM	1714.62	16.82	30	PASS
Band4	5	19975	25	#0	16QAM	1708.93	-20.21	-13	PASS
Band4	5	20375	1	#0	QPSK	1750.36	19.14	30	PASS
Band4	5	20375	1	#Max	QPSK	1755.01	-21.51	-13	PASS
Band4	5	20375	25	#0	QPSK	1756.04	-23.15	-13	PASS
Band4	5	20375	1	#0	16QAM	1750.34	16.92	30	PASS
Band4	5	20375	1	#Max	16QAM	1755.01	-21.99	-13	PASS
Band4	5	20375	25	#0	16QAM	1756.05	-23.15	-13	PASS
Band4	10	20000	1	#0	QPSK	1710.00	-22.92	-13	PASS
Band4	10	20000	1	#Max	QPSK	1719.44	20.30	30	PASS
Band4	10	20000	50	#0	QPSK	1708.88	-22.02	-13	PASS
Band4	10	20000	1	#0	16QAM	1710.56	19.41	30	PASS
Band4	10	20000	1	#Max	16QAM	1719.35	19.56	30	PASS
Band4	10	20000	50	#0	16QAM	1708.73	-22.25	-13	PASS
Band4	10	20350	1	#0	QPSK	1745.55	20.53	30	PASS
Band4	10	20350	1	#Max	QPSK	1754.36	19.84	30	PASS
Band4	10	20350	50	#0	QPSK	1756.21	-24.51	-13	PASS
Band4	10	20350	1	#0	16QAM	1745.58	19.85	30	PASS
Band4	10	20350	1	#Max	16QAM	1754.43	19.14	30	PASS
Band4	10	20350	50	#0	16QAM	1756.31	-25.73	-13	PASS
Band4	15	20025	1	#0	QPSK	1710.81	21.93	30	PASS
Band4	15	20025	1	#Max	QPSK	1724.13	22.10	30	PASS
Band4	15	20025	75	#0	QPSK	1708.86	-27.66	-13	PASS
Band4	15	20025	1	#0	16QAM	1710.86	15.38	30	PASS

Band4	15	20025	1	#Max	16QAM	1724.16	21.13	30	PASS
Band4	15	20025	75	#0	16QAM	1708.79	-23.52	-13	PASS
Band4	15	20325	1	#0	QPSK	1740.81	22.22	30	PASS
Band4	15	20325	1	#Max	QPSK	1754.15	21.57	30	PASS
Band4	15	20325	75	#0	QPSK	1756.14	-25.13	-13	PASS
Band4	15	20325	1	#0	16QAM	1740.81	21.56	30	PASS
Band4	15	20325	1	#Max	16QAM	1754.18	21.05	30	PASS
Band4	15	20325	75	#0	16QAM	1756.04	-26.36	-13	PASS
Band4	20	20050	1	#0	QPSK	1711.06	22.58	30	PASS
Band4	20	20050	1	#Max	QPSK	1728.88	22.66	30	PASS
Band4	20	20050	100	#0	QPSK	1708.75	-24.44	-13	PASS
Band4	20	20050	1	#0	16QAM	1711.06	21.91	30	PASS
Band4	20	20050	1	#Max	16QAM	1728.86	22.47	30	PASS
Band4	20	20050	100	#0	16QAM	1708.85	-25.22	-13	PASS
Band4	20	20300	1	#0	QPSK	1736.10	22.99	30	PASS
Band4	20	20300	1	#Max	QPSK	1753.88	22.44	30	PASS
Band4	20	20300	100	#0	QPSK	1756.11	-26.23	-13	PASS
Band4	20	20300	1	#0	16QAM	1736.08	22.35	30	PASS
Band4	20	20300	1	#Max	16QAM	1753.90	21.86	30	PASS
Band4	20	20300	100	#0	16QAM	1756.49	-27.13	-13	PASS
Band41(2535-2655)	5	40065	1	#0	QPSK	2528.40	-32.52	-25	PASS
Band41(2535-2655)	5	40065	1	#Max	QPSK	2528.51	-35.95	-25	PASS
Band41(2535-2655)	5	40065	25	#0	QPSK	2528.74	-37.00	-25	PASS
Band41(2535-2655)	5	40065	1	#0	16QAM	2526.34	-35.09	-25	PASS
Band41(2535-2655)	5	40065	1	#Max	16QAM	2528.59	-36.25	-25	PASS
Band41(2535-2655)	5	40065	25	#0	16QAM	2528.46	-38.54	-25	PASS
Band41(2535-2655)	5	41215	1	#0	QPSK	2661.28	-35.50	-25	PASS
Band41(2535-2655)	5	41215	1	#Max	QPSK	2656.08	-17.10	-10	PASS
Band41(2535-2655)	5	41215	25	#0	QPSK	2661.02	-36.38	-25	PASS
Band41(2535-2655)	5	41215	1	#0	16QAM	2662.60	-37.07	-25	PASS
Band41(2535-2655)	5	41215	1	#Max	16QAM	2662.08	-33.49	-25	PASS
Band41(2535-2655)	5	41215	25	#0	16QAM	2661.81	-36.75	-25	PASS
Band41(2535-2655)	10	40090	1	#0	QPSK	2533.88	-19.55	-10	PASS
Band41(2535-2655)	10	40090	1	#Max	QPSK	2544.42	17.74	30	PASS
Band41(2535-2655)	10	40090	50	#0	QPSK	2524.80	-38.34	-25	PASS
Band41(2535-2655)	10	40090	1	#0	16QAM	2524.61	-36.57	-25	PASS
Band41(2535-2655)	10	40090	1	#Max	16QAM	2544.38	15.73	30	PASS
Band41(2535-2655)	10	40090	50	#0	16QAM	2524.65	-38.21	-25	PASS
Band41(2535-2655)	10	41190	1	#0	QPSK	2645.55	17.40	30	PASS
Band41(2535-2655)	10	41190	1	#Max	QPSK	2655.01	-18.68	-10	PASS
Band41(2535-2655)	10	41190	50	#0	QPSK	2665.21	-38.10	-25	PASS
Band41(2535-2655)	10	41190	1	#0	16QAM	2645.55	15.66	30	PASS
Band41(2535-2655)	10	41190	1	#Max	16QAM	2665.31	-36.77	-25	PASS
Band41(2535-2655)	10	41190	50	#0	16QAM	2665.21	-38.20	-25	PASS