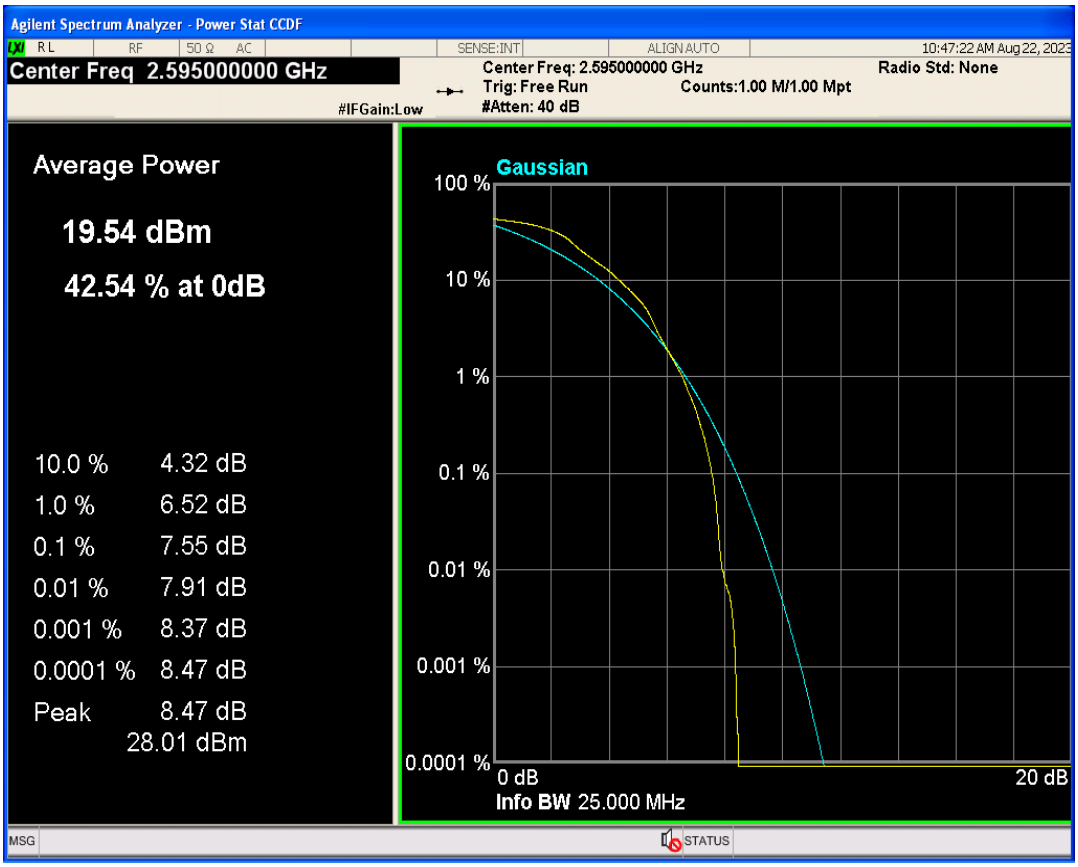
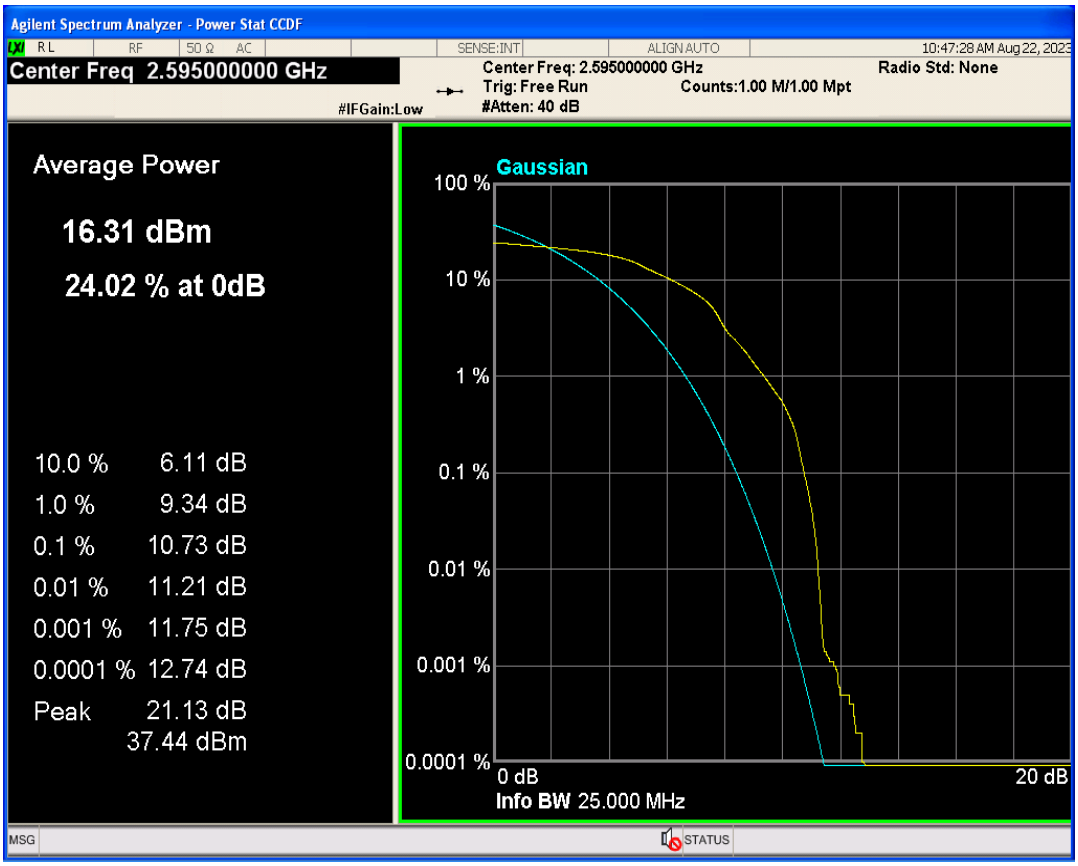
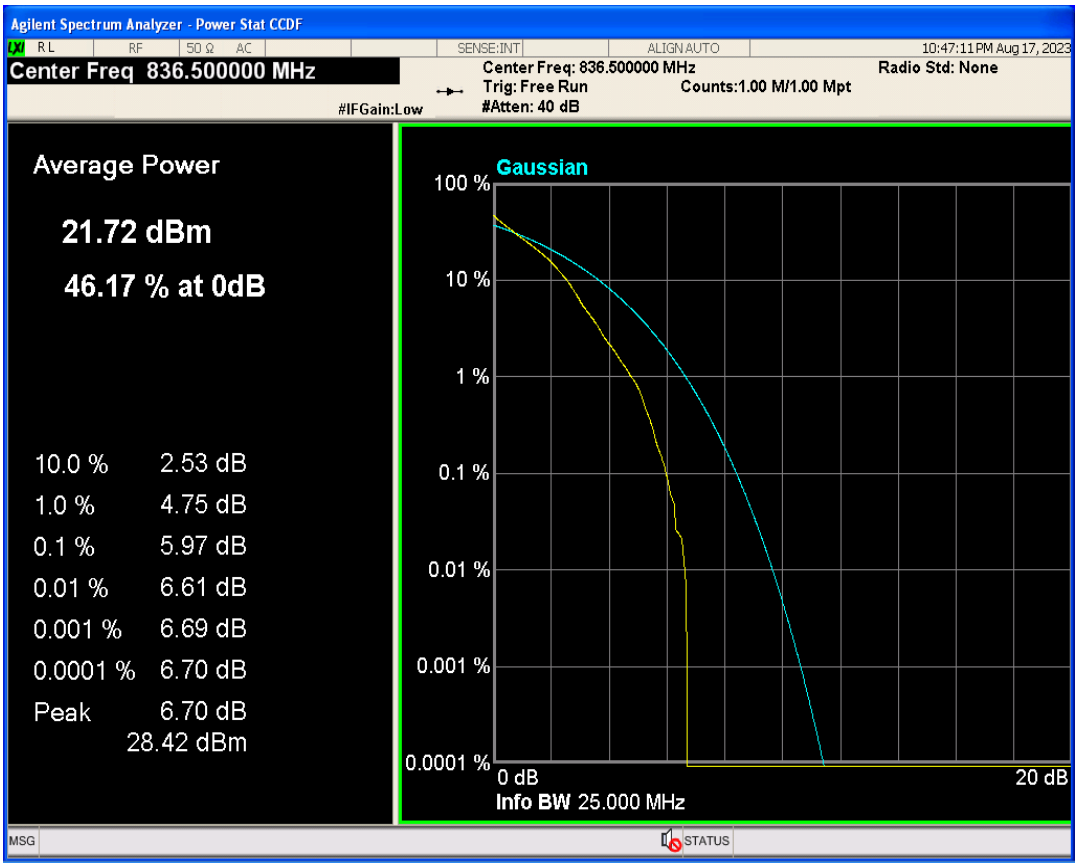


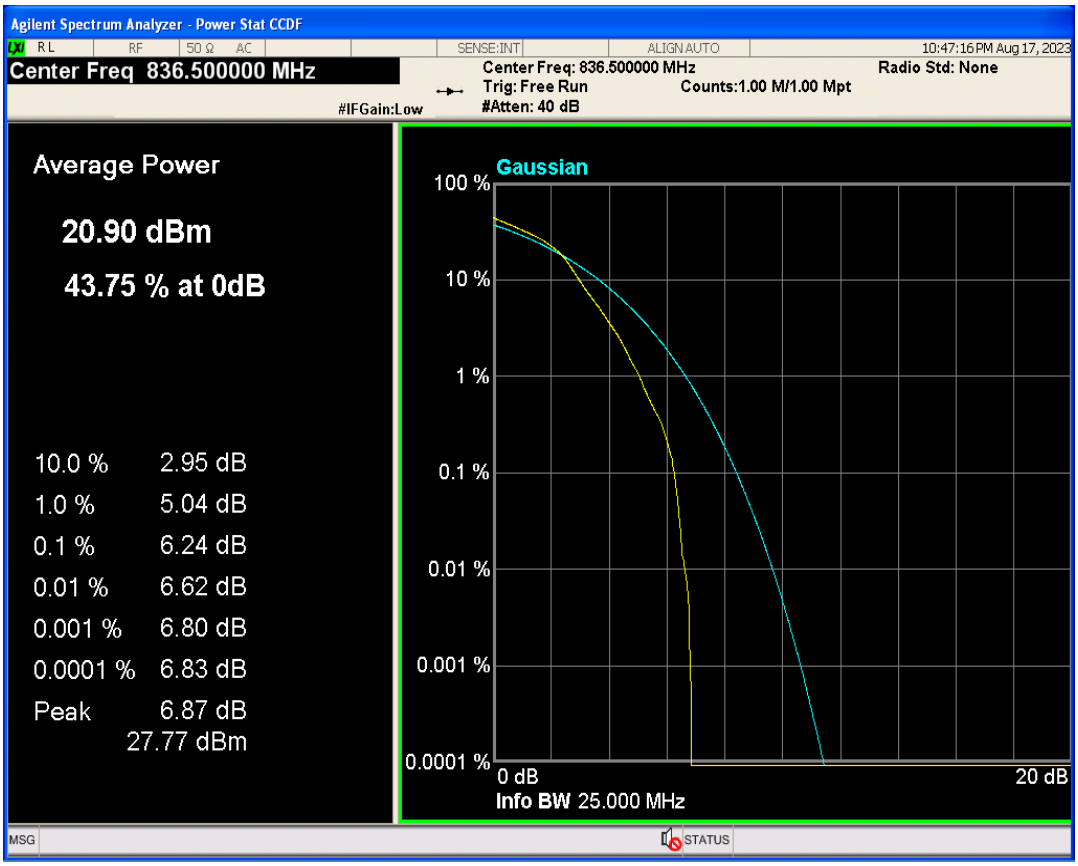
Band41a 16QAM BW=20MHz Channel=40640 RB Size=1 Position=#0



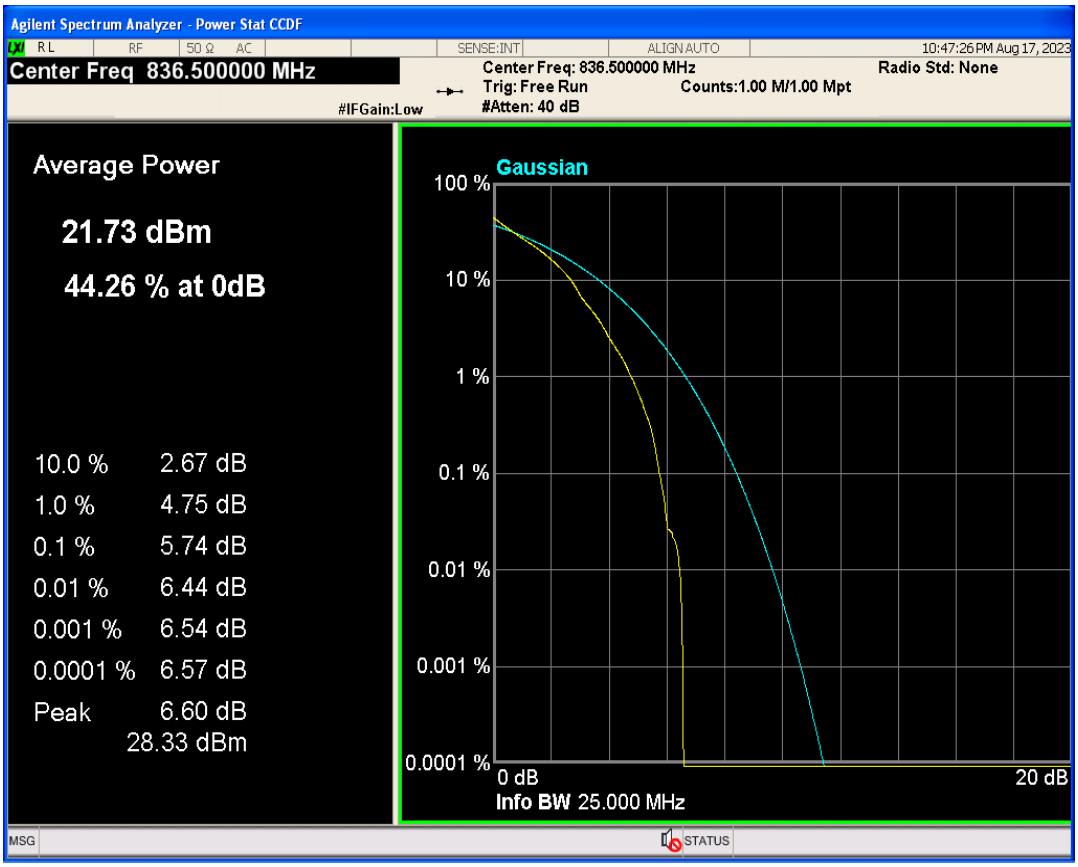
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



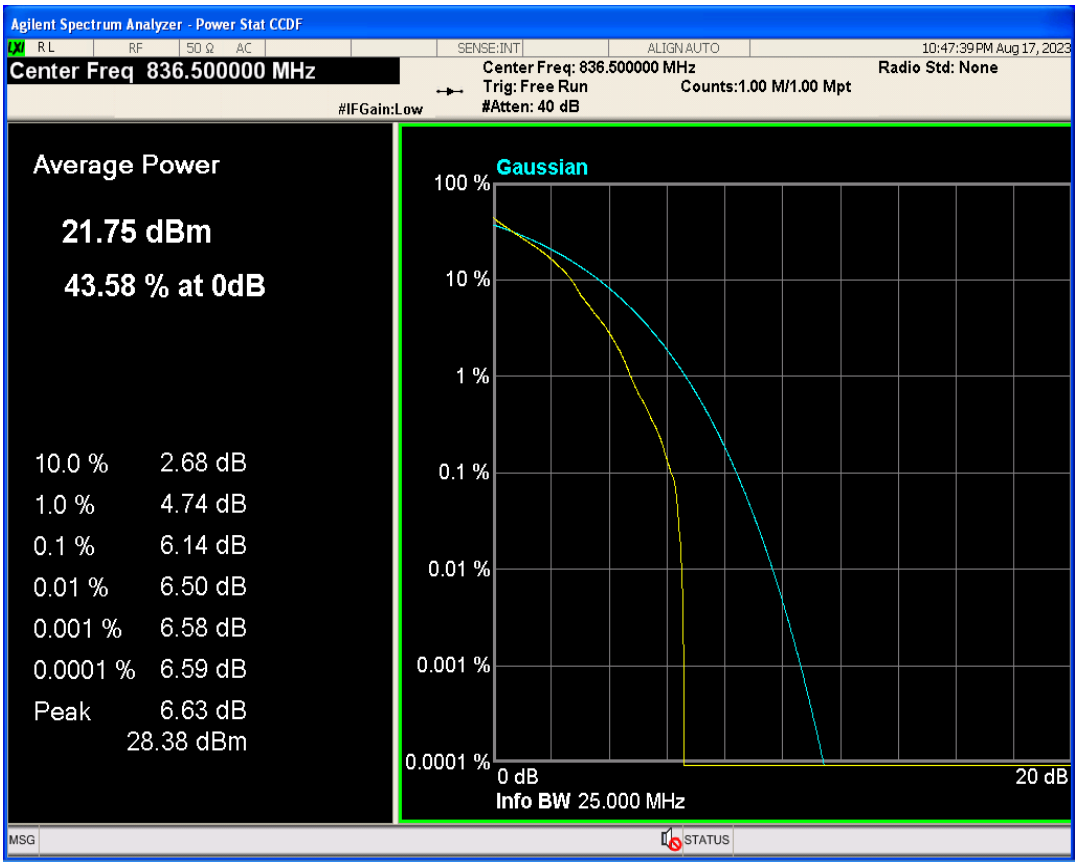
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0



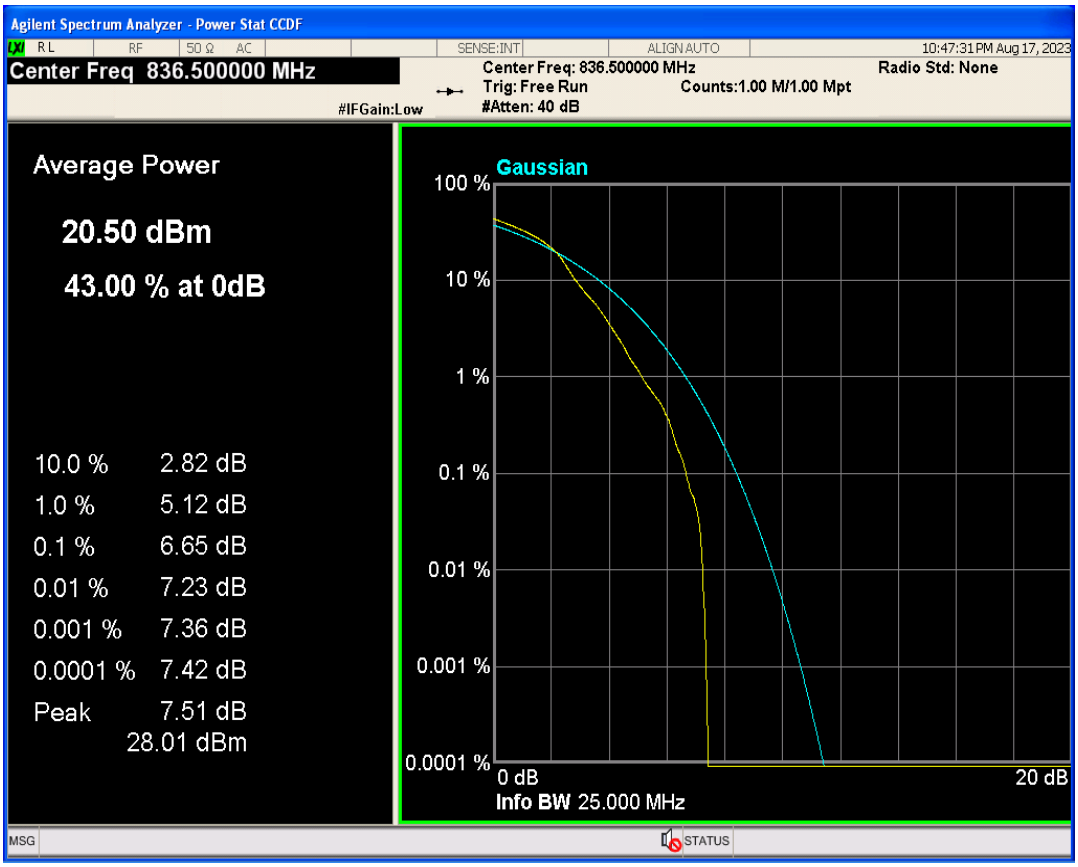
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



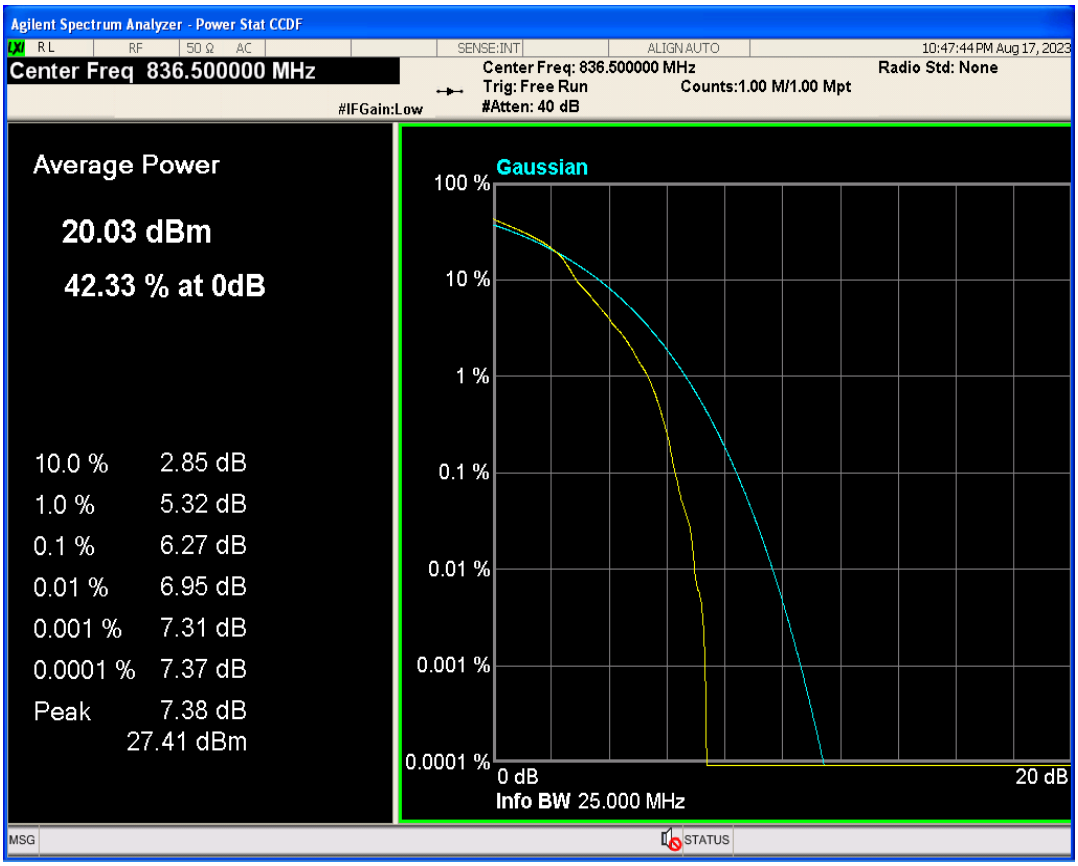
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



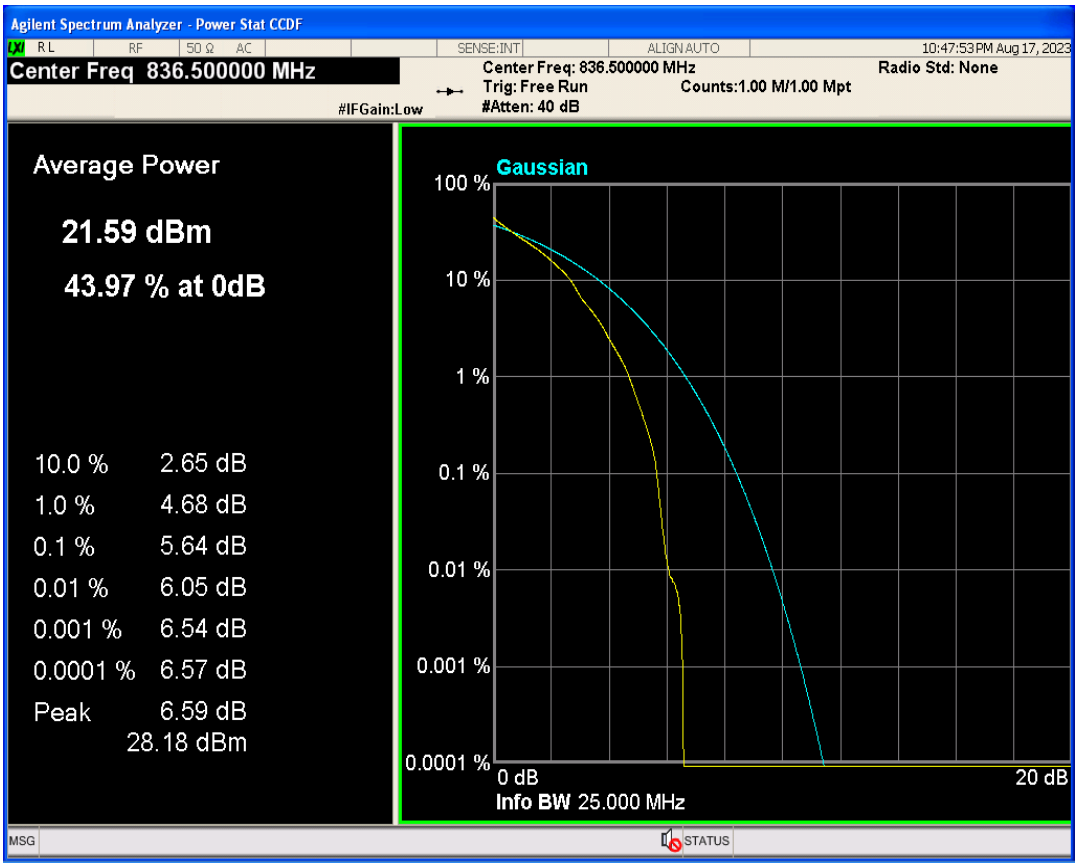
Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0



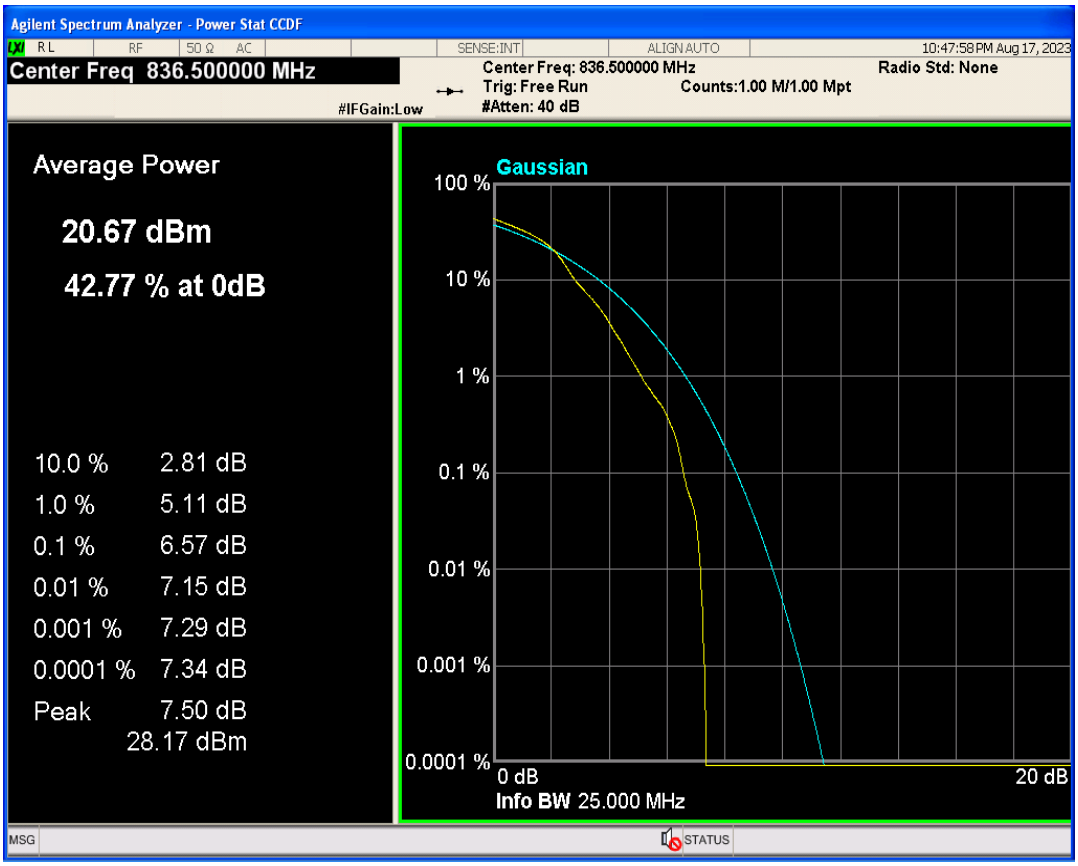
Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0



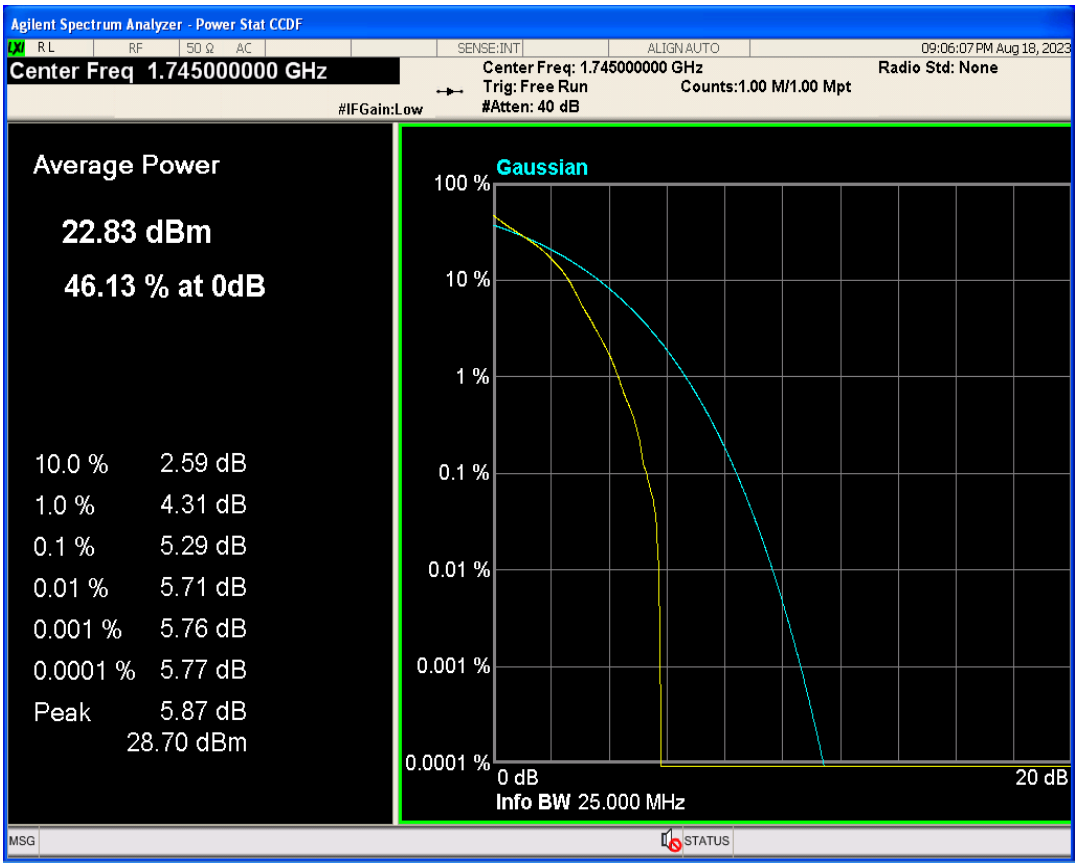
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



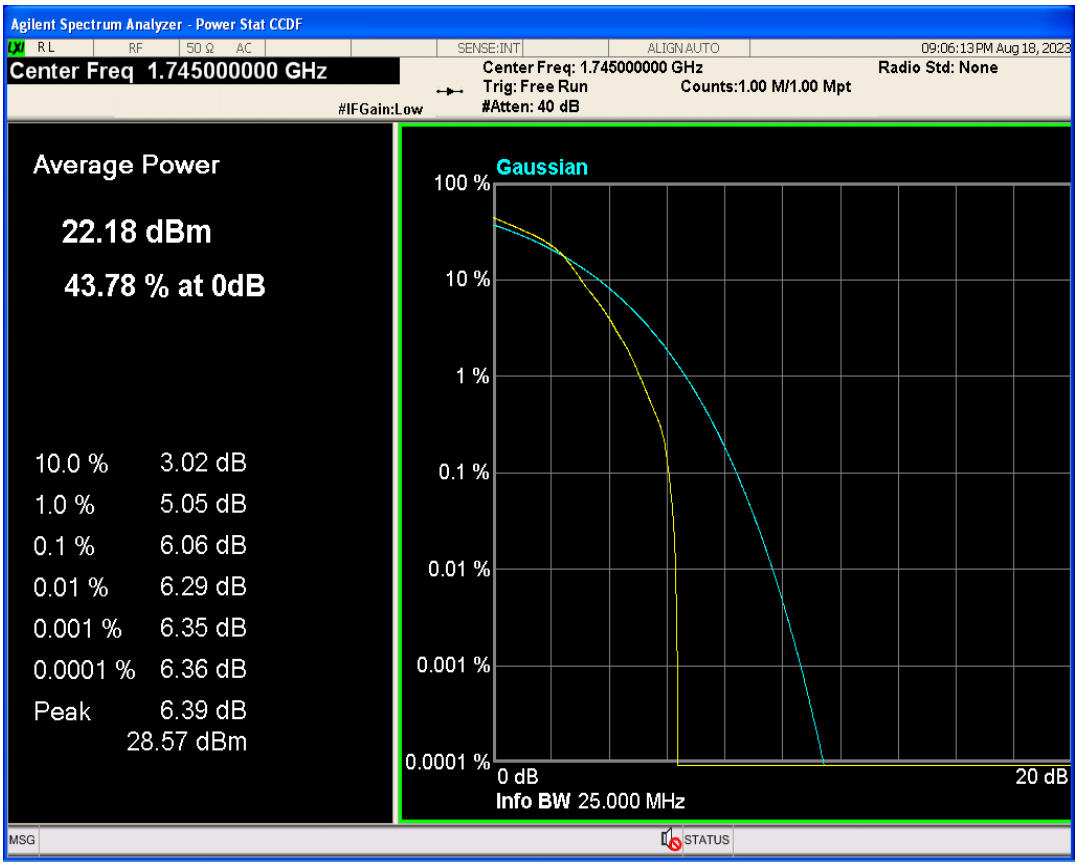
Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0



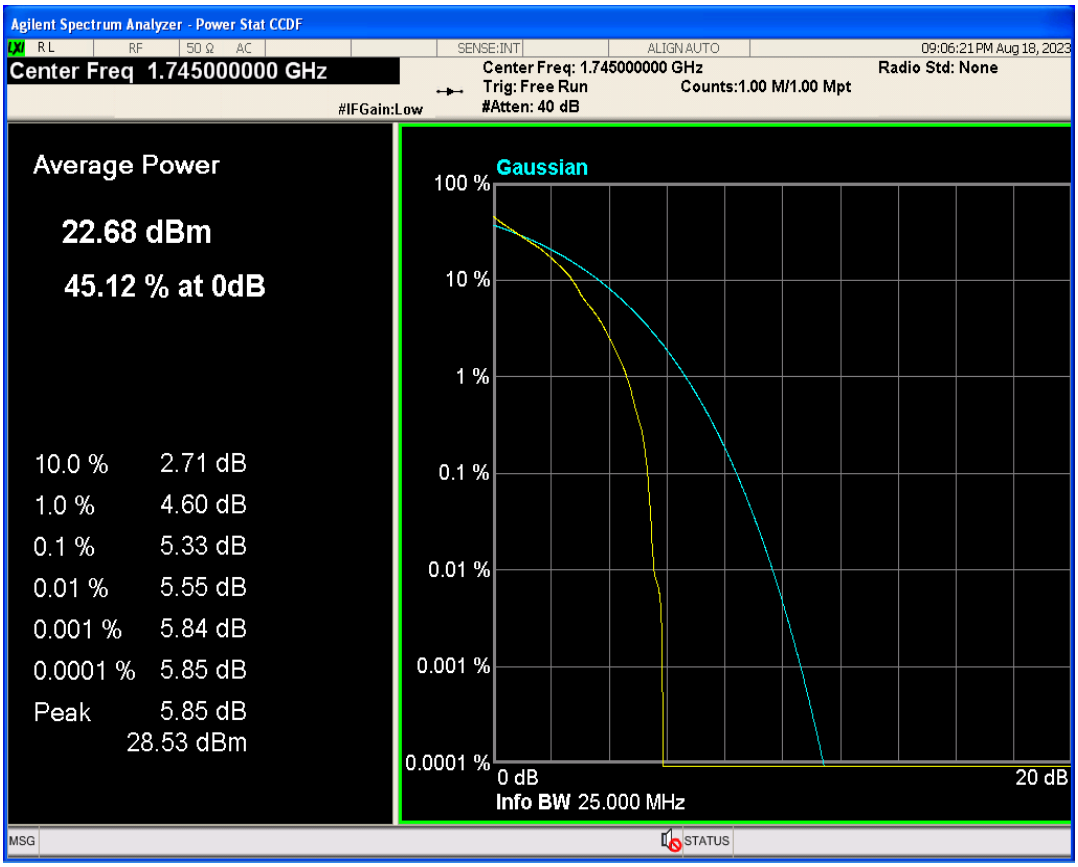
Band66 QPSK BW=1.4MHz Channel=132322 RB Size=1 Position=#0



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



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



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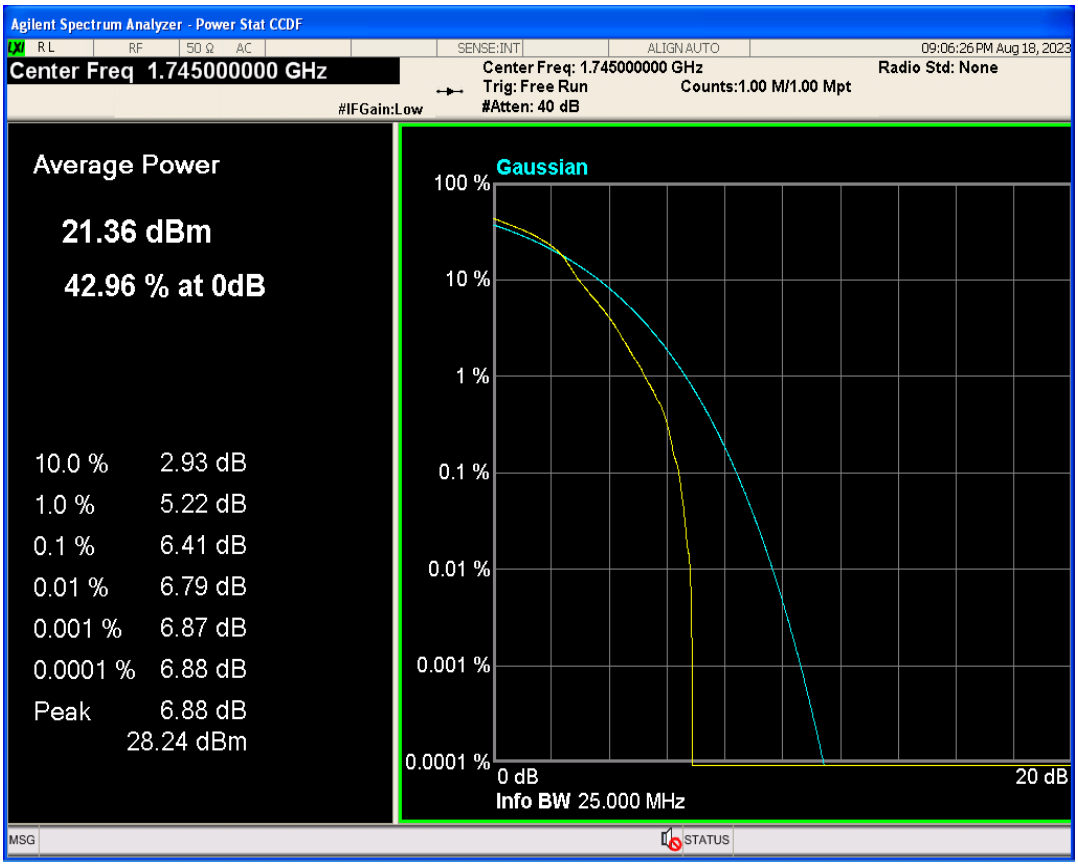
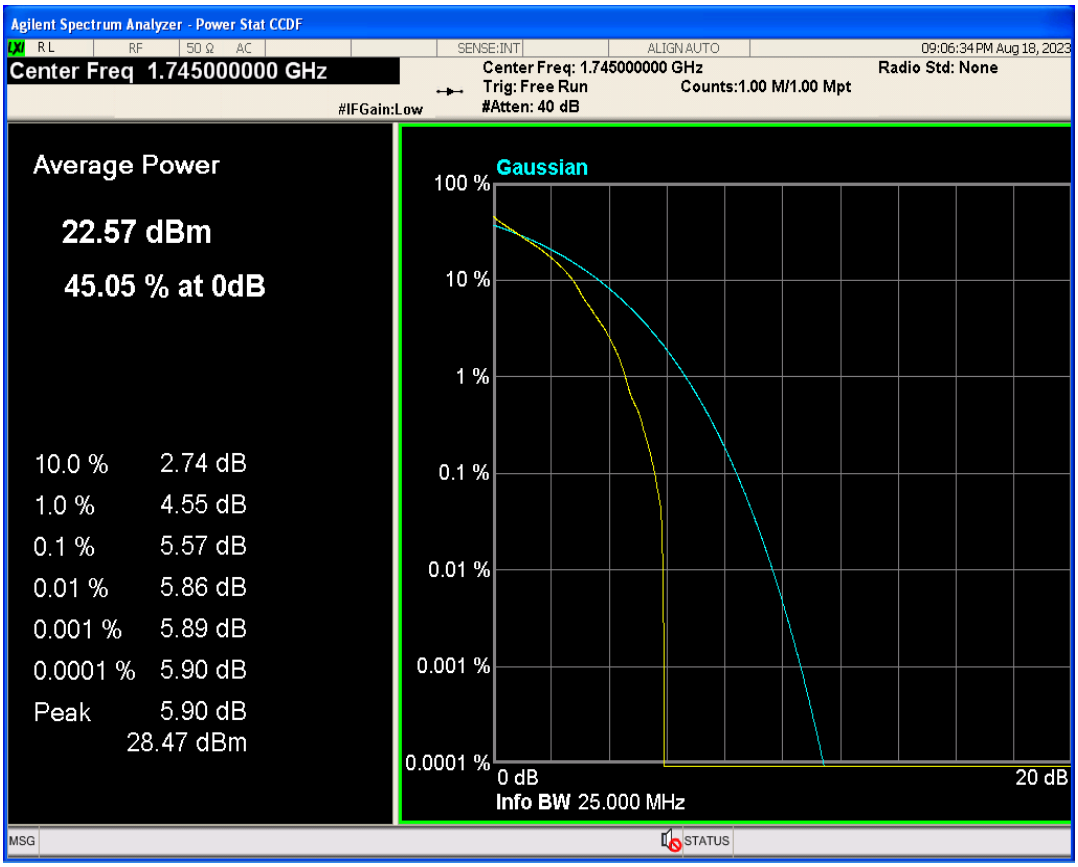
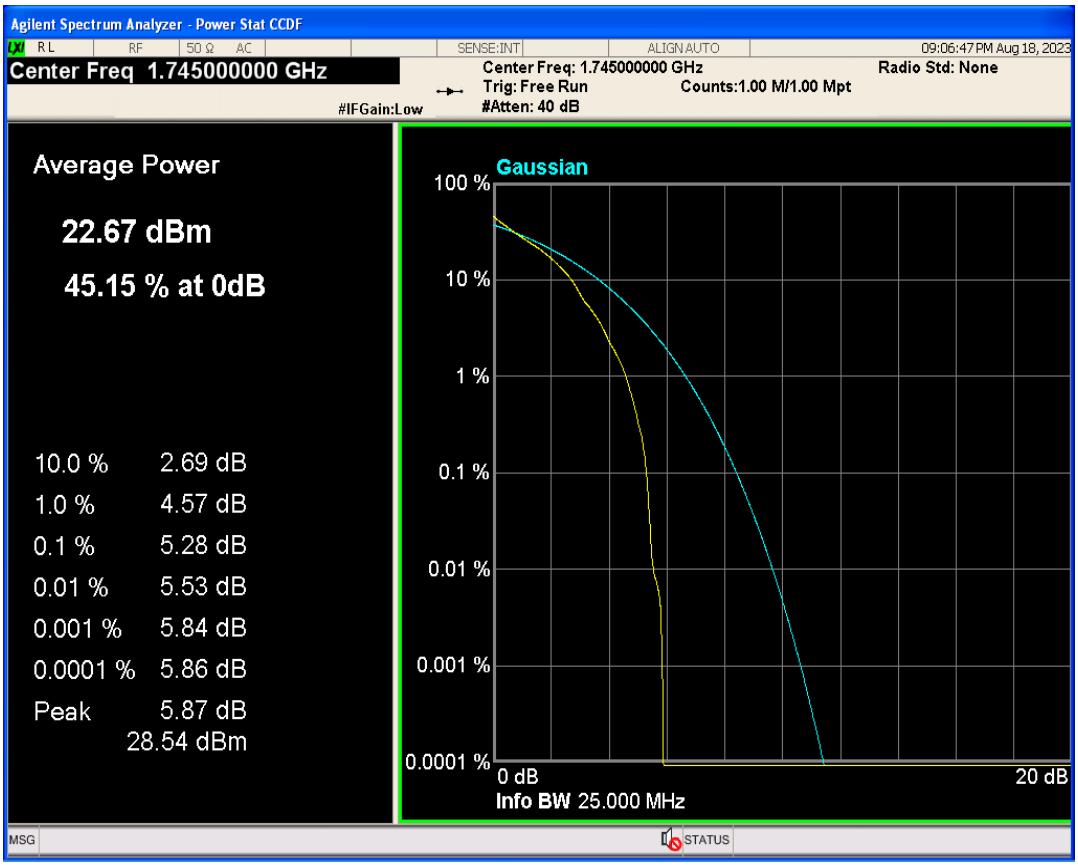


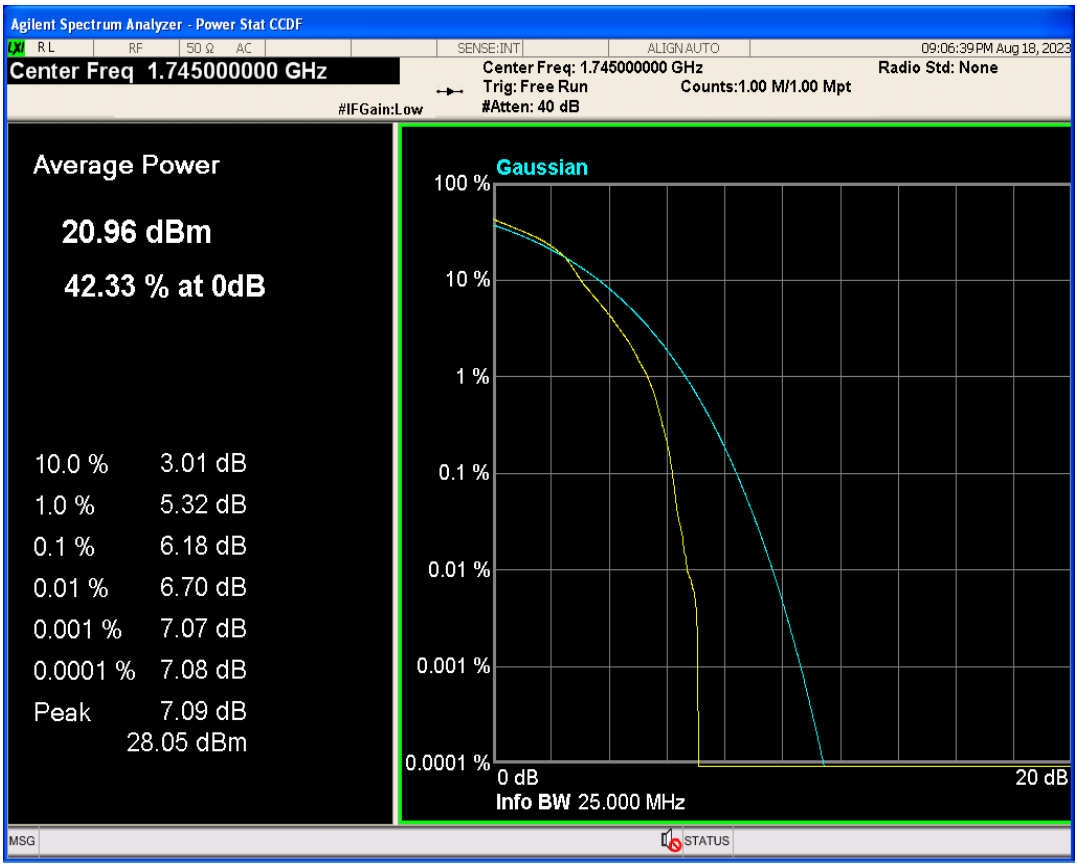
Band66 QPSK BW=5MHz Channel=132322 RB Size=1 Position=#0



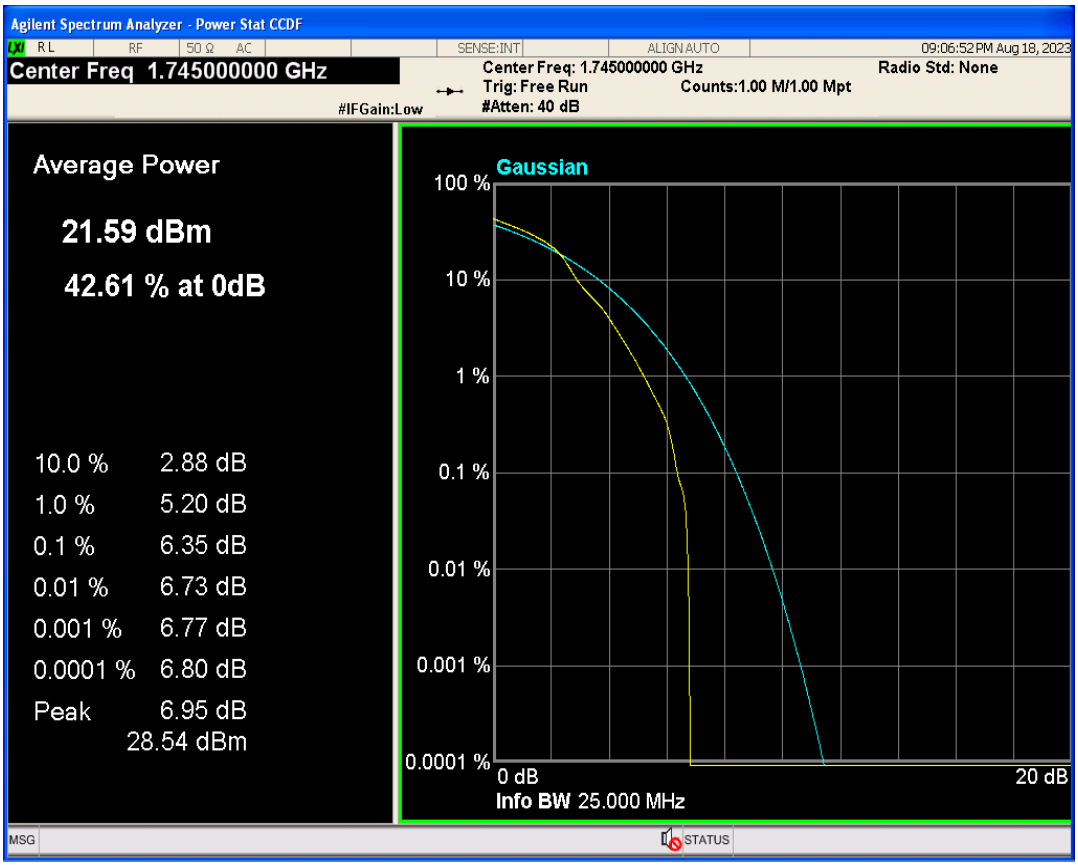
Band66 QPSK BW=10MHz Channel=132322 RB Size=1 Position=#0



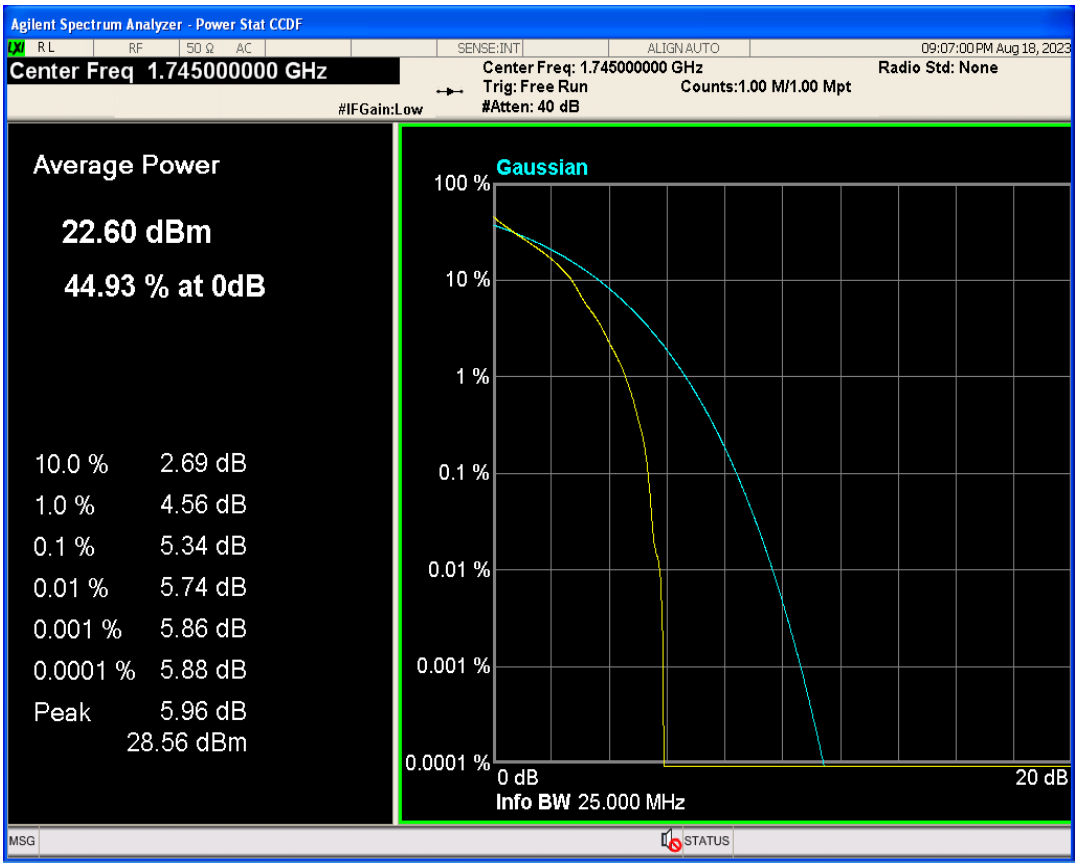
Band66 16QAM BW=5MHz Channel=132322 RB Size=1 Position=#0



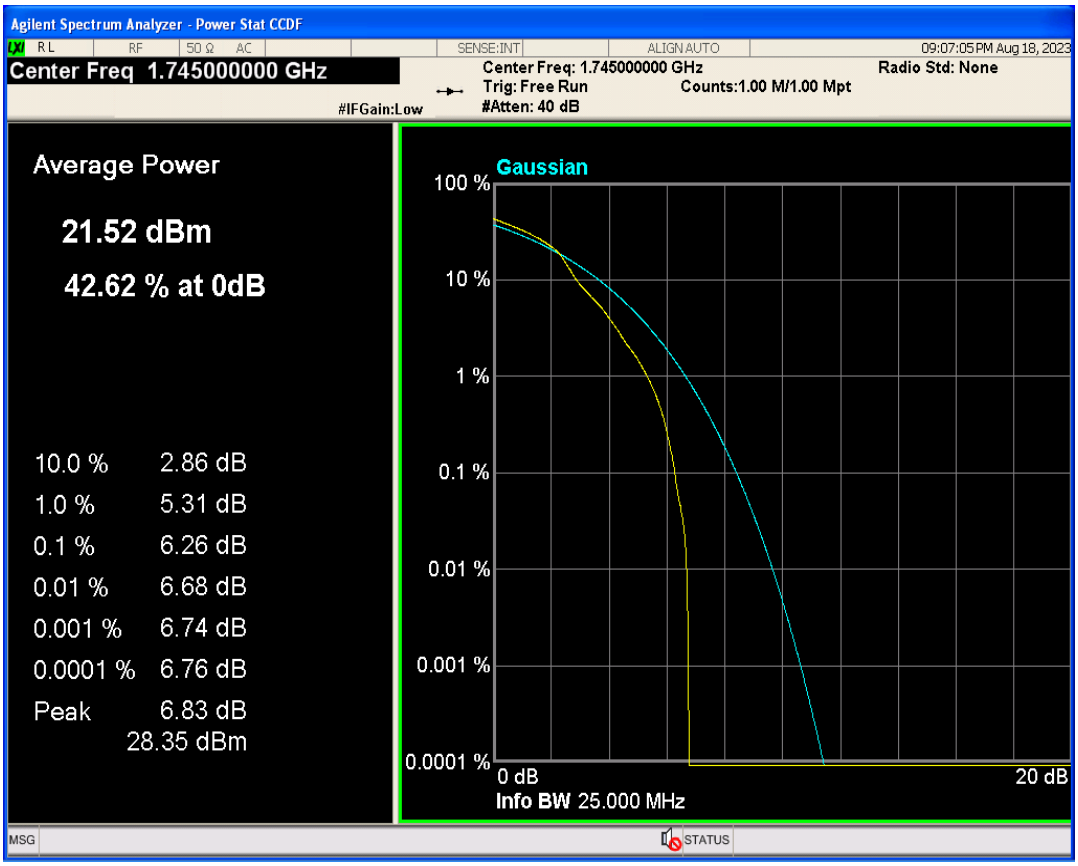
Band66 16QAM BW=10MHz Channel=132322 RB Size=1 Position=#0



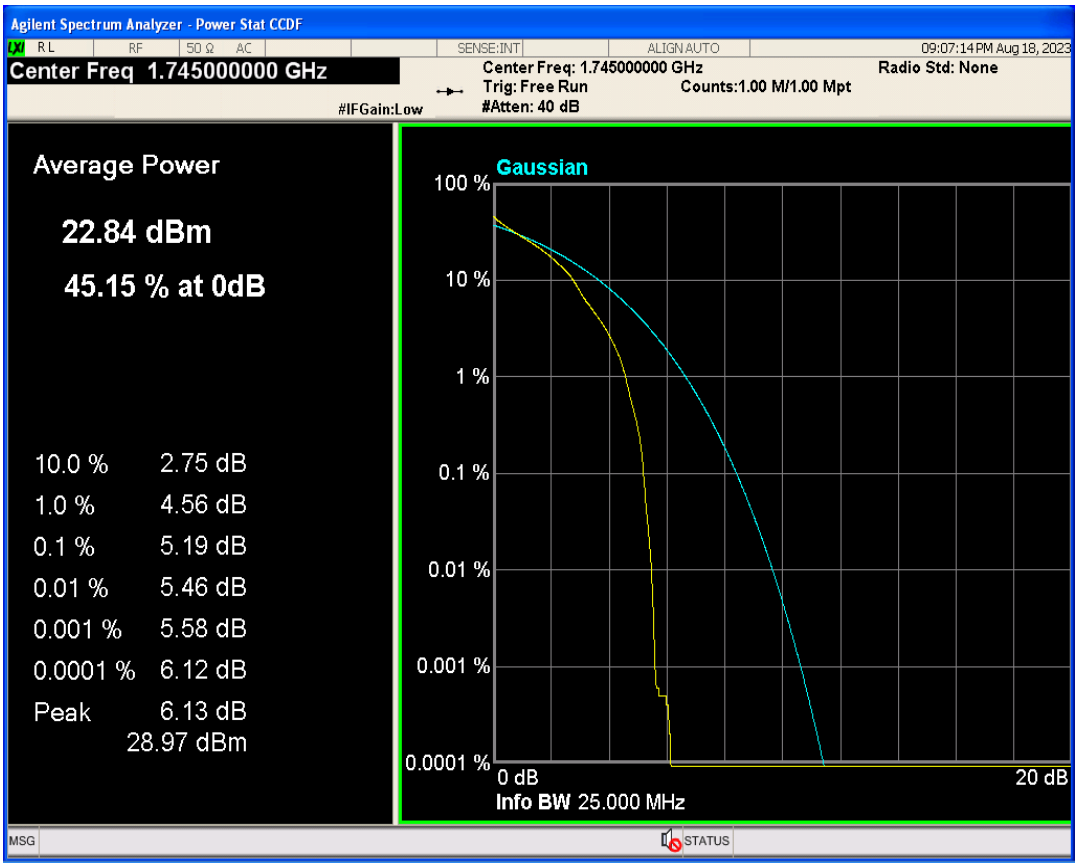
Band66 QPSK BW=15MHz Channel=132322 RB Size=1 Position=#0



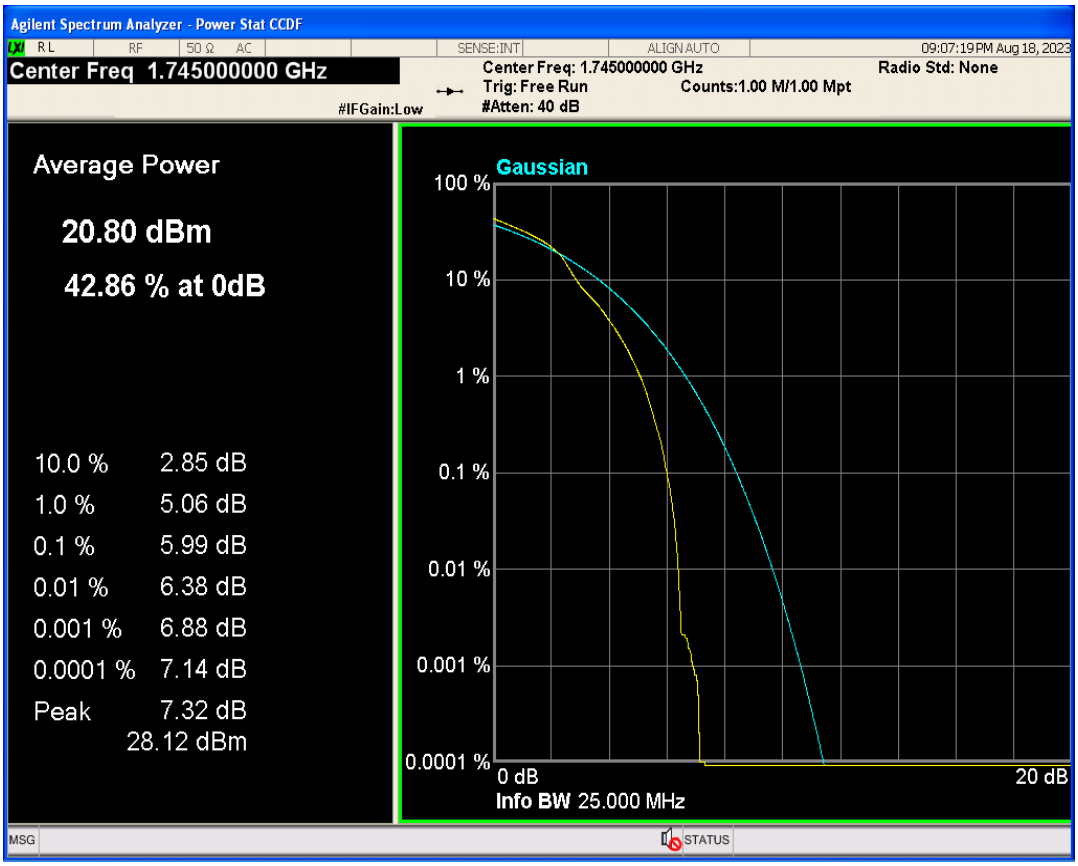
Band66 16QAM BW=15MHz Channel=132322 RB Size=1 Position=#0



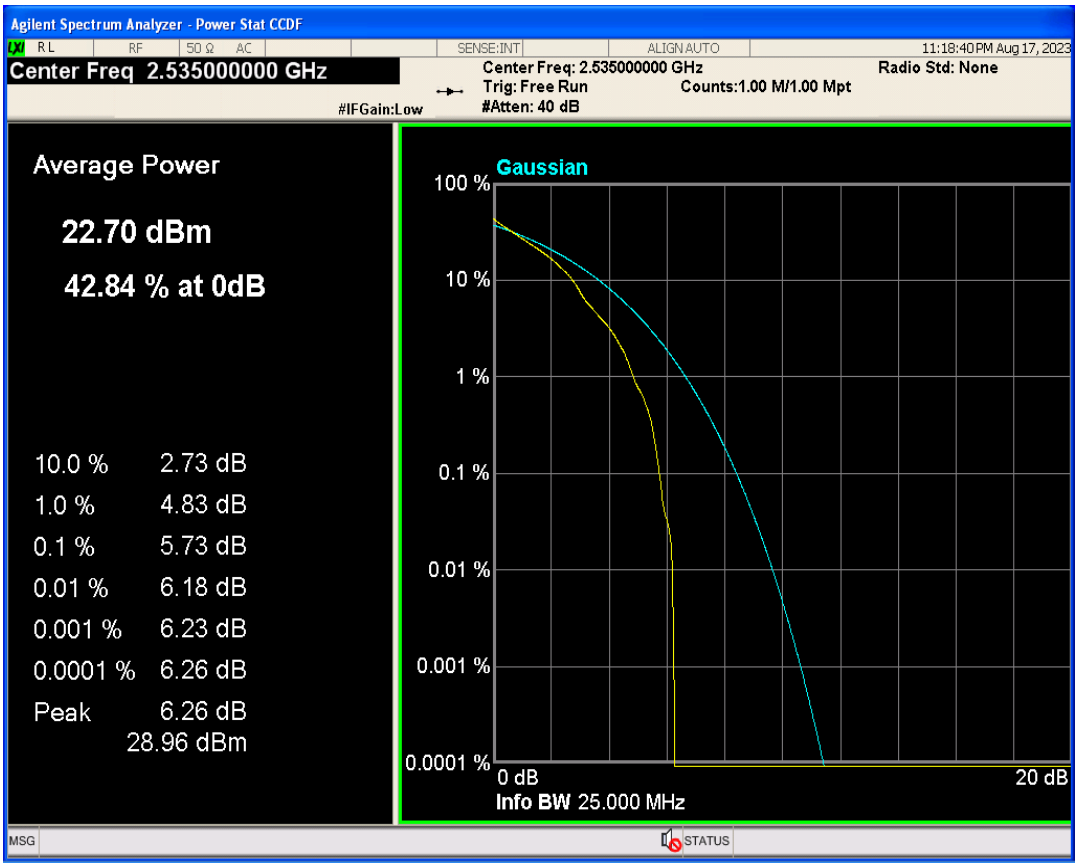
Band66 QPSK BW=20MHz Channel=132322 RB Size=1 Position=#0



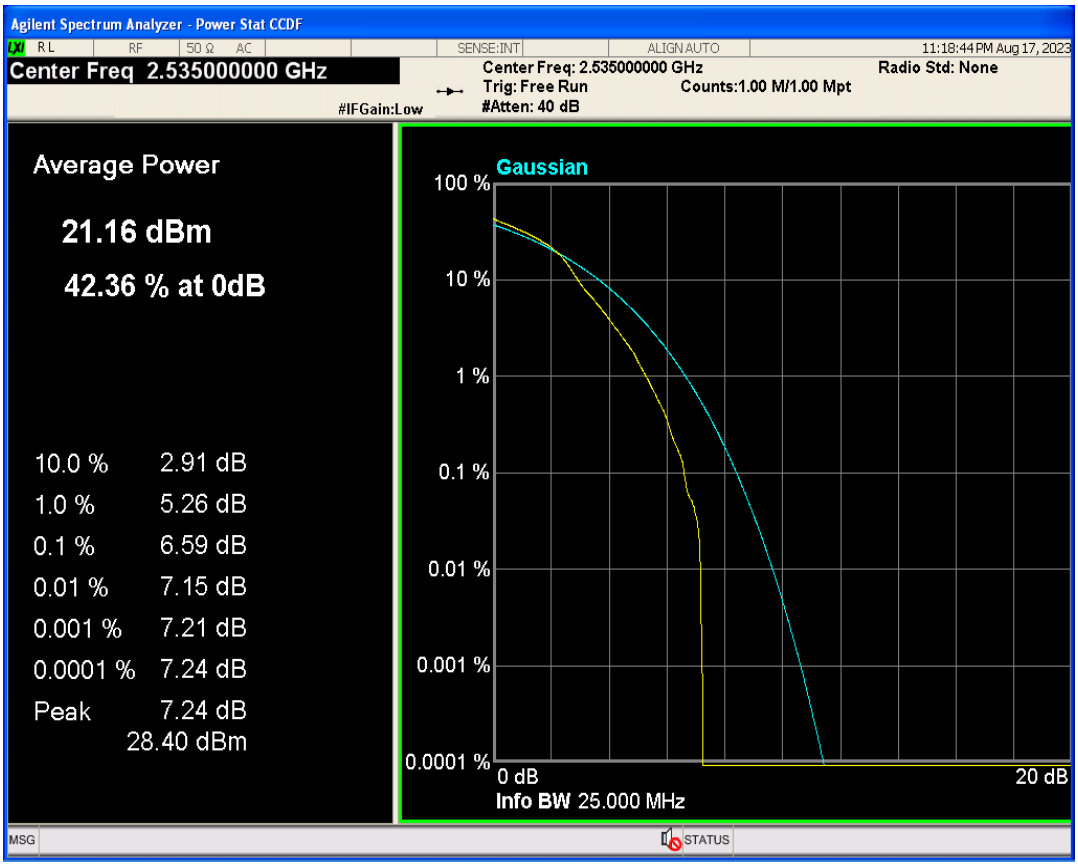
Band66 16QAM BW=20MHz Channel=132322 RB Size=1 Position=#0



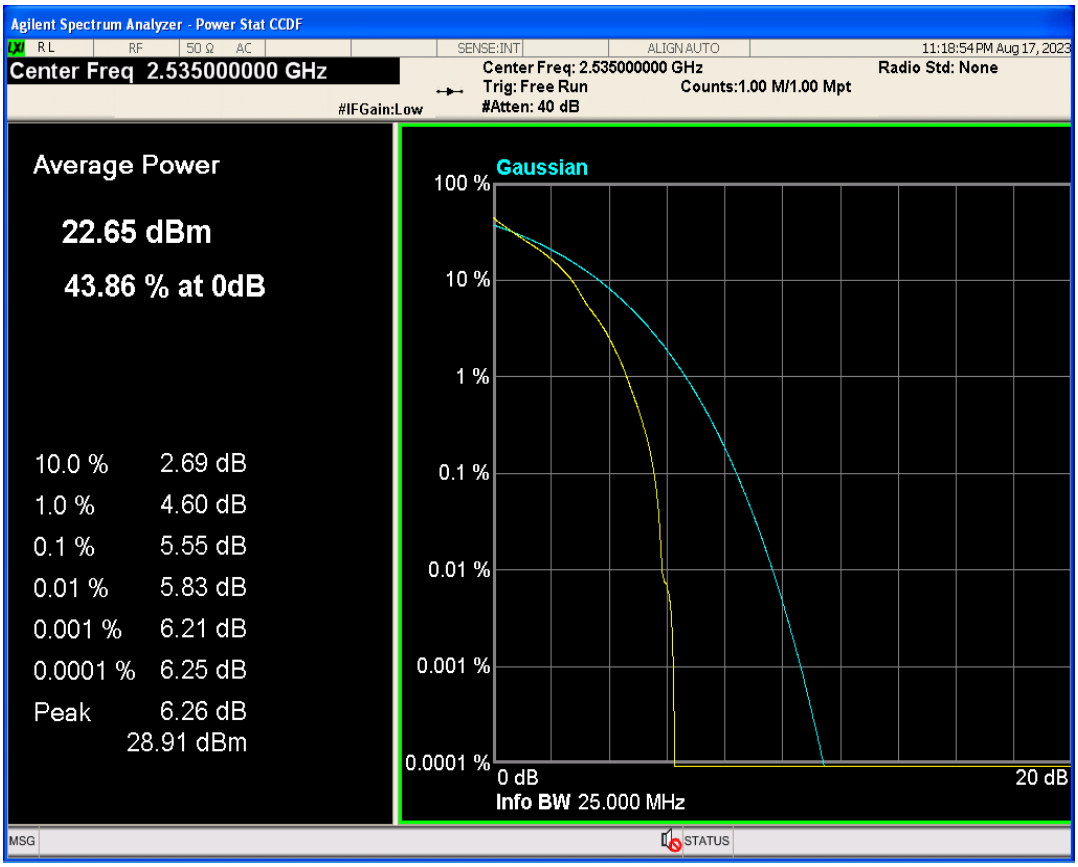
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



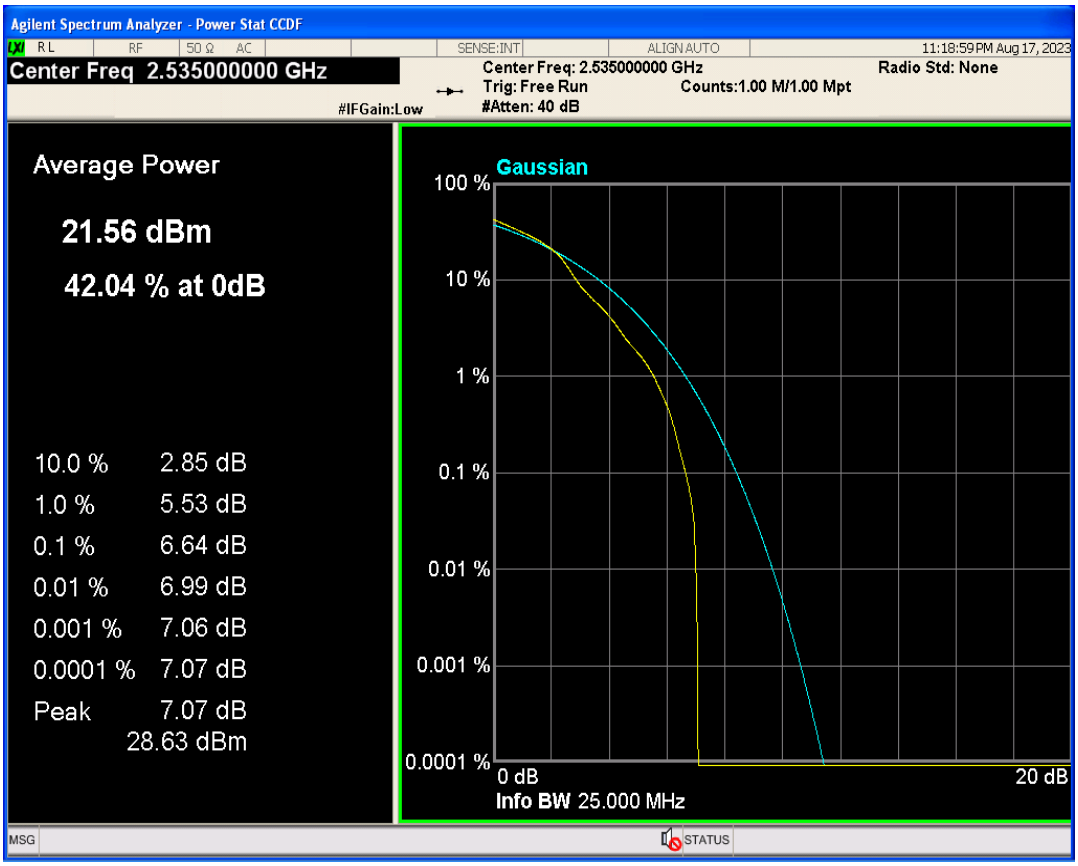
Band7 16QAM BW=5MHz Channel=21100 RB Size=1 Position=#0



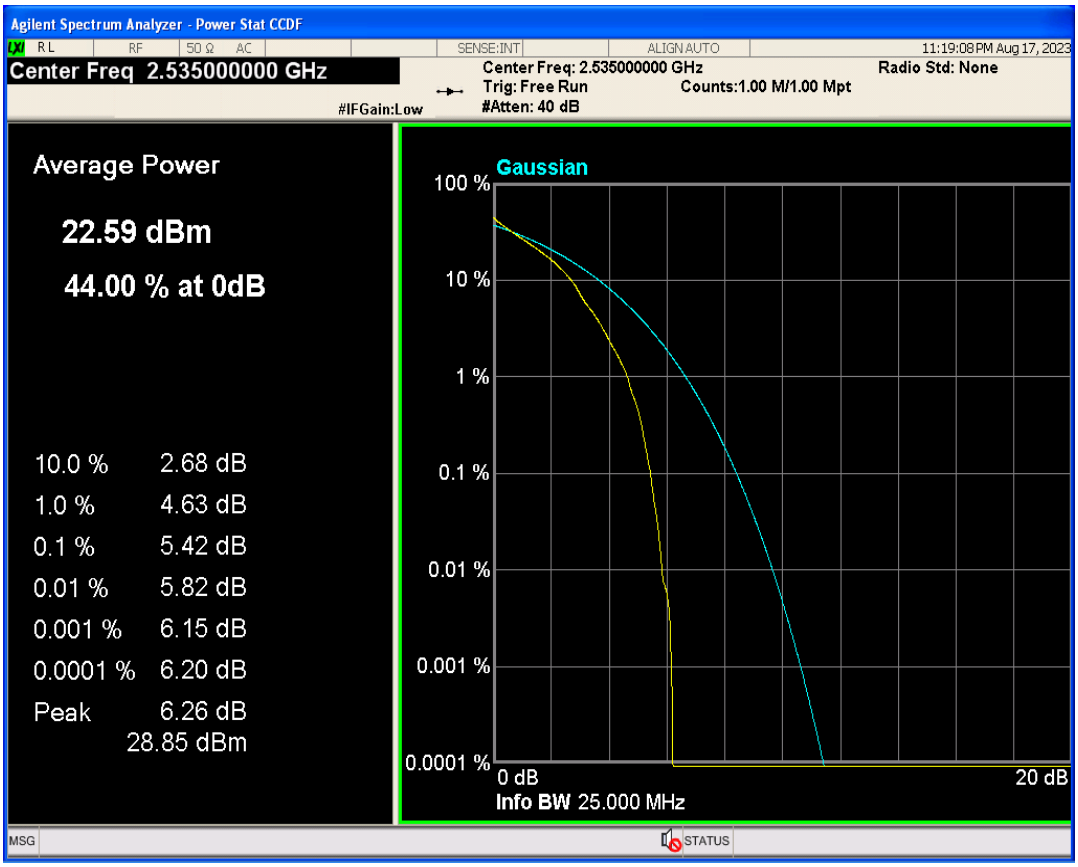
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



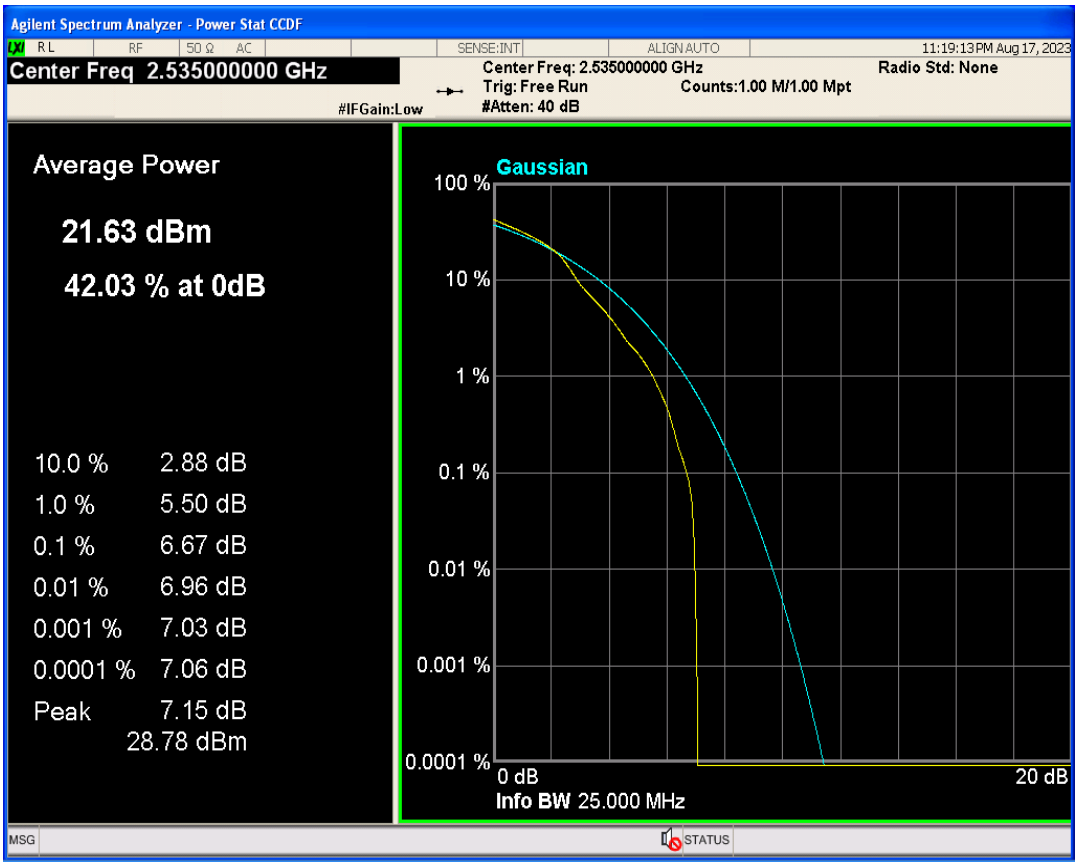
Band7 16QAM BW=10MHz Channel=21100 RB Size=1 Position=#0



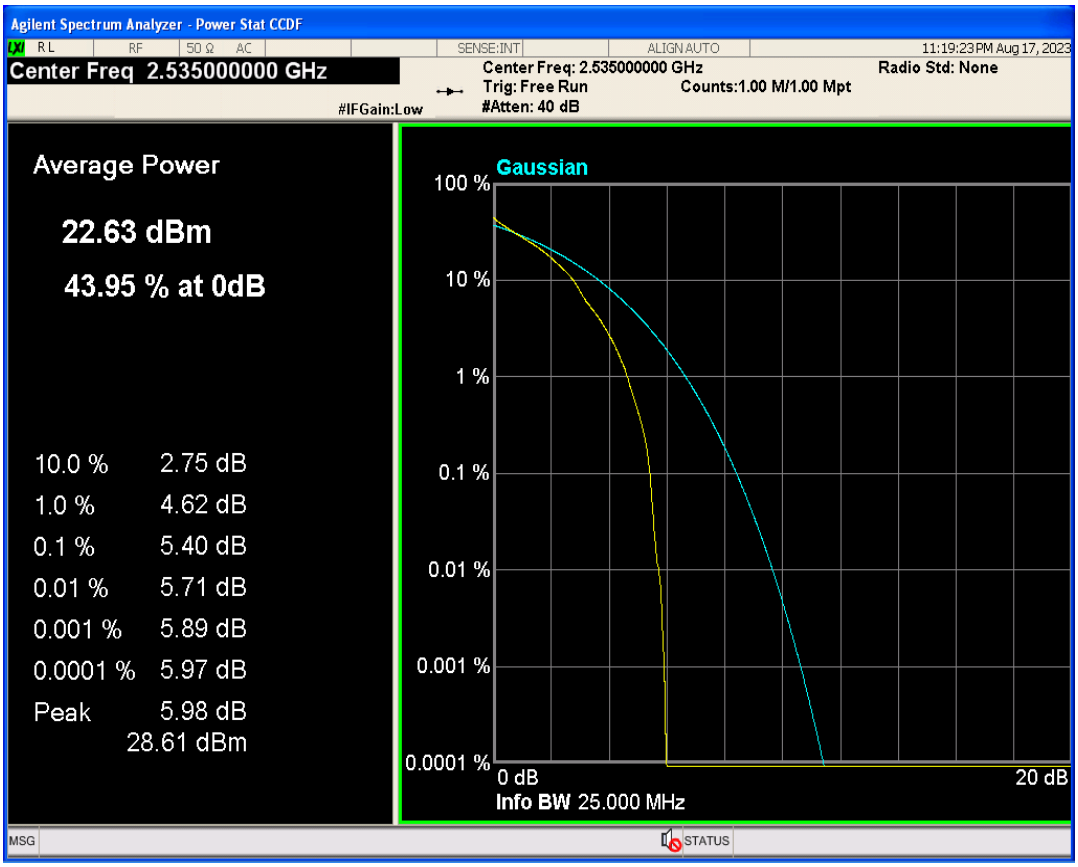
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



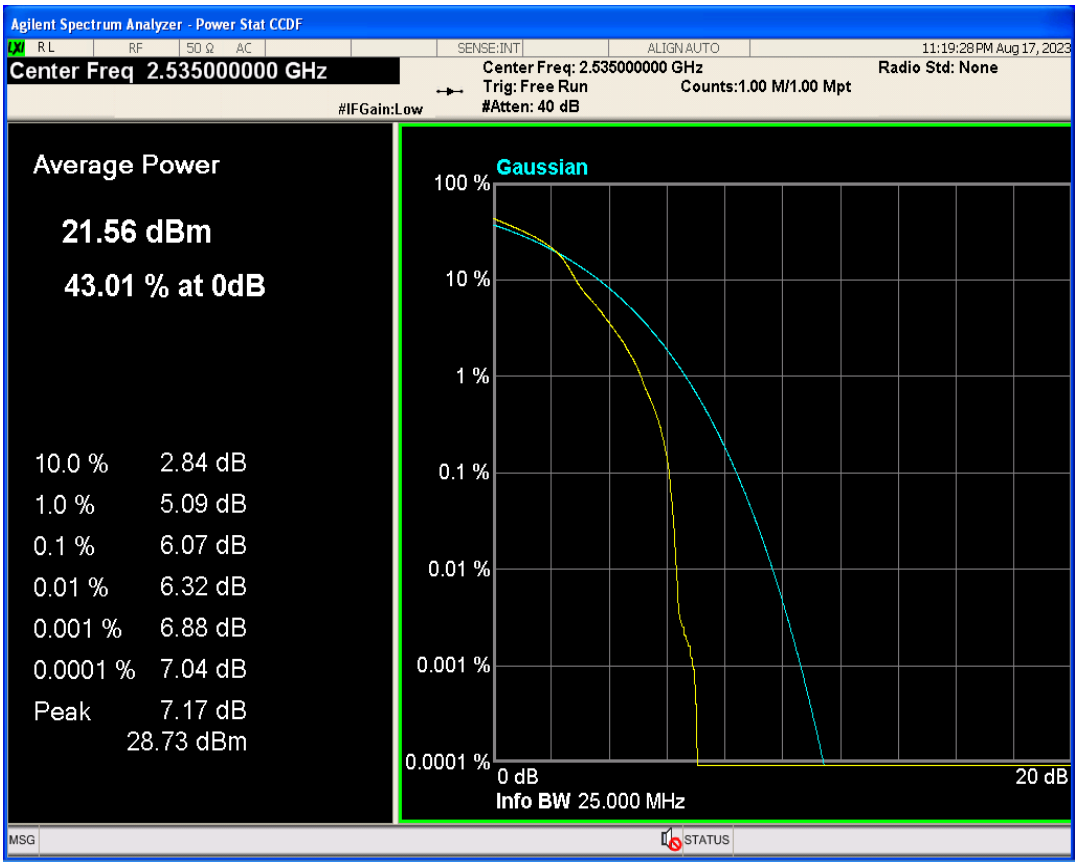
Band7 16QAM BW=15MHz Channel=21100 RB Size=1 Position=#0



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



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

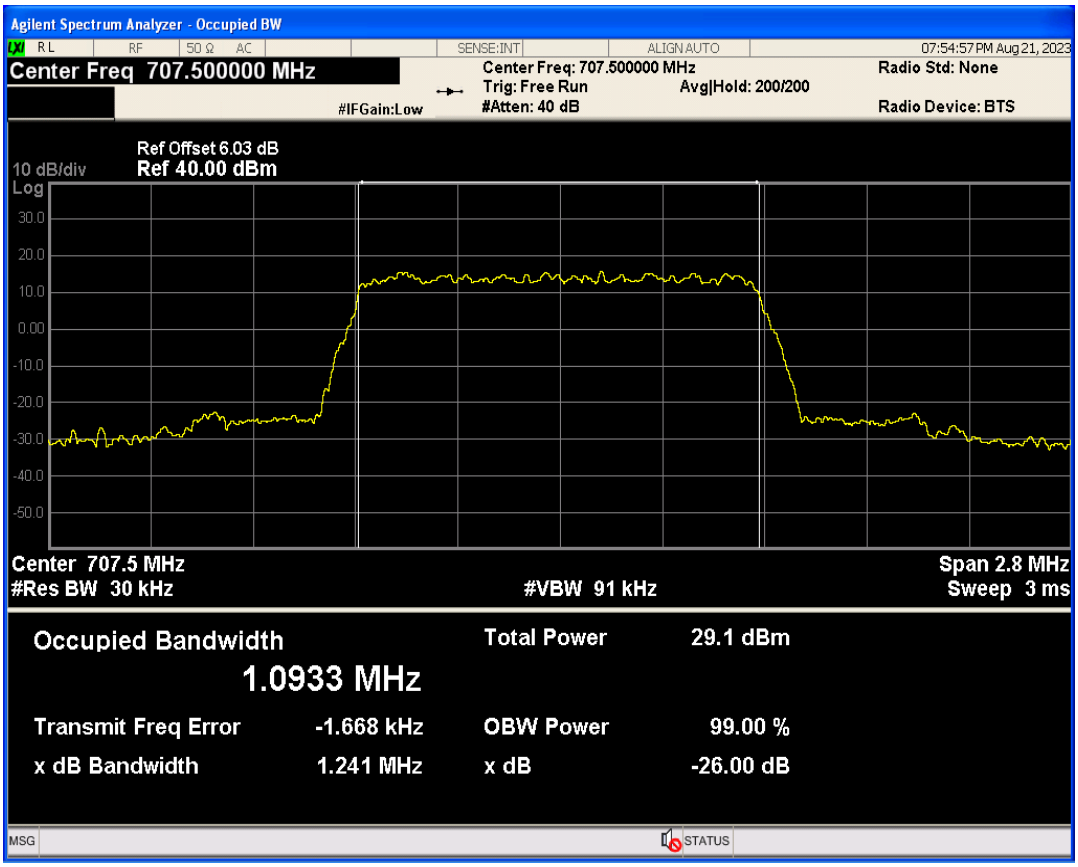


Occupied bandwidth

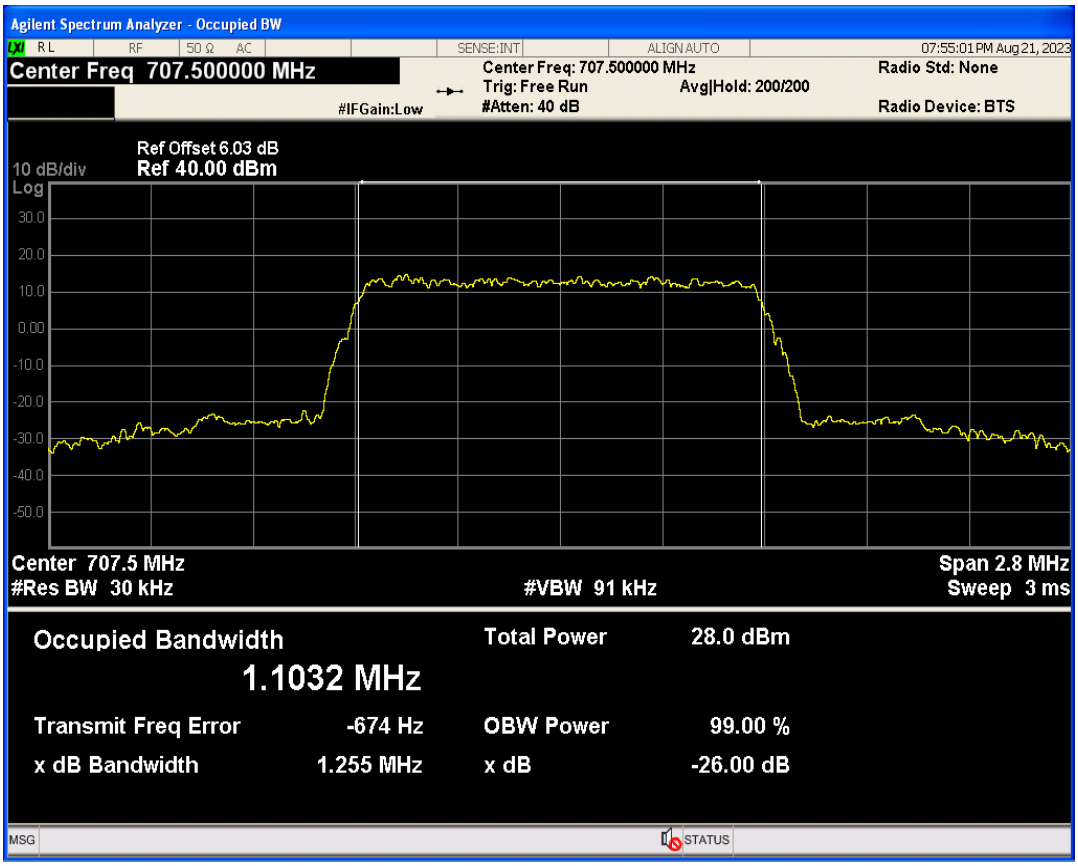
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band12	1.4	23095	6	#0	QPSK	1.093	1.241	PASS
Band12	1.4	23095	6	#0	16QAM	1.103	1.255	PASS
Band12	3	23095	15	#0	QPSK	2.701	3.059	PASS
Band12	3	23095	15	#0	16QAM	2.705	3.021	PASS
Band12	5	23095	25	#0	QPSK	4.513	4.971	PASS
Band12	5	23095	25	#0	16QAM	4.511	4.935	PASS
Band12	10	23095	50	#0	QPSK	9.002	9.792	PASS
Band12	10	23095	50	#0	16QAM	8.989	9.953	PASS
Band13	5	23230	25	#0	QPSK	4.515	4.960	PASS
Band13	5	23230	25	#0	16QAM	4.499	4.947	PASS
Band13	10	23230	50	#0	QPSK	8.964	9.879	PASS
Band13	10	23230	50	#0	16QAM	8.942	9.759	PASS
Band17	5	23790	25	#0	QPSK	4.522	4.948	PASS
Band17	5	23790	25	#0	16QAM	4.503	4.942	PASS
Band17	10	23790	50	#0	QPSK	9.008	9.811	PASS
Band17	10	23790	50	#0	16QAM	8.981	9.873	PASS
Band2	1.4	18900	6	#0	QPSK	1.100	1.247	PASS
Band2	1.4	18900	6	#0	16QAM	1.104	1.255	PASS
Band2	3	18900	15	#0	QPSK	2.711	3.020	PASS
Band2	3	18900	15	#0	16QAM	2.699	3.033	PASS
Band2	5	18900	25	#0	QPSK	4.517	4.966	PASS
Band2	5	18900	25	#0	16QAM	4.521	4.947	PASS
Band2	10	18900	50	#0	QPSK	8.968	9.770	PASS
Band2	10	18900	50	#0	16QAM	8.992	9.850	PASS
Band2	15	18900	75	#0	QPSK	13.488	14.931	PASS
Band2	15	18900	75	#0	16QAM	13.489	14.782	PASS
Band2	20	18900	100	#0	QPSK	17.991	19.714	PASS
Band2	20	18900	100	#0	16QAM	17.969	19.642	PASS
Band38	5	38000	25	#0	QPSK	4.485	4.972	PASS
Band38	5	38000	25	#0	16QAM	4.518	4.921	PASS
Band38	10	38000	50	#0	QPSK	8.992	10.394	PASS
Band38	10	38000	50	#0	16QAM	9.010	9.763	PASS
Band38	15	38000	75	#0	QPSK	13.473	15.310	PASS
Band38	15	38000	75	#0	16QAM	13.441	14.687	PASS
Band38	20	38000	100	#0	QPSK	17.992	19.558	PASS
Band38	20	38000	100	#0	16QAM	18.003	19.648	PASS
Band4	1.4	20175	6	#0	QPSK	1.098	1.248	PASS
Band4	1.4	20175	6	#0	16QAM	1.100	1.256	PASS
Band4	3	20175	15	#0	QPSK	2.706	3.033	PASS
Band4	3	20175	15	#0	16QAM	2.711	3.044	PASS
Band4	5	20175	25	#0	QPSK	4.519	4.972	PASS
Band4	5	20175	25	#0	16QAM	4.502	4.968	PASS
Band4	10	20175	50	#0	QPSK	9.013	9.788	PASS

Band4	10	20175	50	#0	16QAM	8.992	9.782	PASS
Band4	15	20175	75	#0	QPSK	13.430	14.720	PASS
Band4	15	20175	75	#0	16QAM	13.471	14.881	PASS
Band4	20	20175	100	#0	QPSK	17.960	19.612	PASS
Band4	20	20175	100	#0	16QAM	17.948	19.561	PASS
Band41a	5	40640	25	#0	QPSK	4.530	4.997	PASS
Band41a	5	40640	25	#0	16QAM	4.508	4.985	PASS
Band41a	10	40640	50	#0	QPSK	8.986	10.043	PASS
Band41a	10	40640	50	#0	16QAM	8.992	9.761	PASS
Band41a	15	40640	75	#0	QPSK	13.468	14.689	PASS
Band41a	15	40640	75	#0	16QAM	13.466	15.045	PASS
Band41a	20	40640	100	#0	QPSK	17.902	19.443	PASS
Band41a	20	40640	100	#0	16QAM	17.973	19.306	PASS
Band5	1.4	20525	6	#0	QPSK	1.089	1.248	PASS
Band5	1.4	20525	6	#0	16QAM	1.103	1.253	PASS
Band5	3	20525	15	#0	QPSK	2.708	3.027	PASS
Band5	3	20525	15	#0	16QAM	2.706	3.031	PASS
Band5	5	20525	25	#0	QPSK	4.528	4.940	PASS
Band5	5	20525	25	#0	16QAM	4.505	4.967	PASS
Band5	10	20525	50	#0	QPSK	8.999	9.831	PASS
Band5	10	20525	50	#0	16QAM	8.995	9.830	PASS
Band66	1.4	132322	6	#0	QPSK	1.098	1.251	PASS
Band66	1.4	132322	6	#0	16QAM	1.106	1.241	PASS
Band66	3	132322	15	#0	QPSK	2.708	3.035	PASS
Band66	3	132322	15	#0	16QAM	2.691	3.036	PASS
Band66	5	132322	25	#0	QPSK	4.513	4.941	PASS
Band66	5	132322	25	#0	16QAM	4.527	4.920	PASS
Band66	10	132322	50	#0	QPSK	8.995	9.806	PASS
Band66	10	132322	50	#0	16QAM	9.013	9.828	PASS
Band66	15	132322	75	#0	QPSK	13.498	14.797	PASS
Band66	15	132322	75	#0	16QAM	13.470	14.721	PASS
Band66	20	132322	100	#0	QPSK	18.011	19.679	PASS
Band66	20	132322	100	#0	16QAM	18.001	19.538	PASS
Band7	5	21100	25	#0	QPSK	4.510	4.946	PASS
Band7	5	21100	25	#0	16QAM	4.498	4.961	PASS
Band7	10	21100	50	#0	QPSK	8.984	9.930	PASS
Band7	10	21100	50	#0	16QAM	8.980	9.882	PASS
Band7	15	21100	75	#0	QPSK	13.490	14.795	PASS
Band7	15	21100	75	#0	16QAM	13.461	14.830	PASS
Band7	20	21100	100	#0	QPSK	17.966	19.459	PASS
Band7	20	21100	100	#0	16QAM	17.955	19.789	PASS

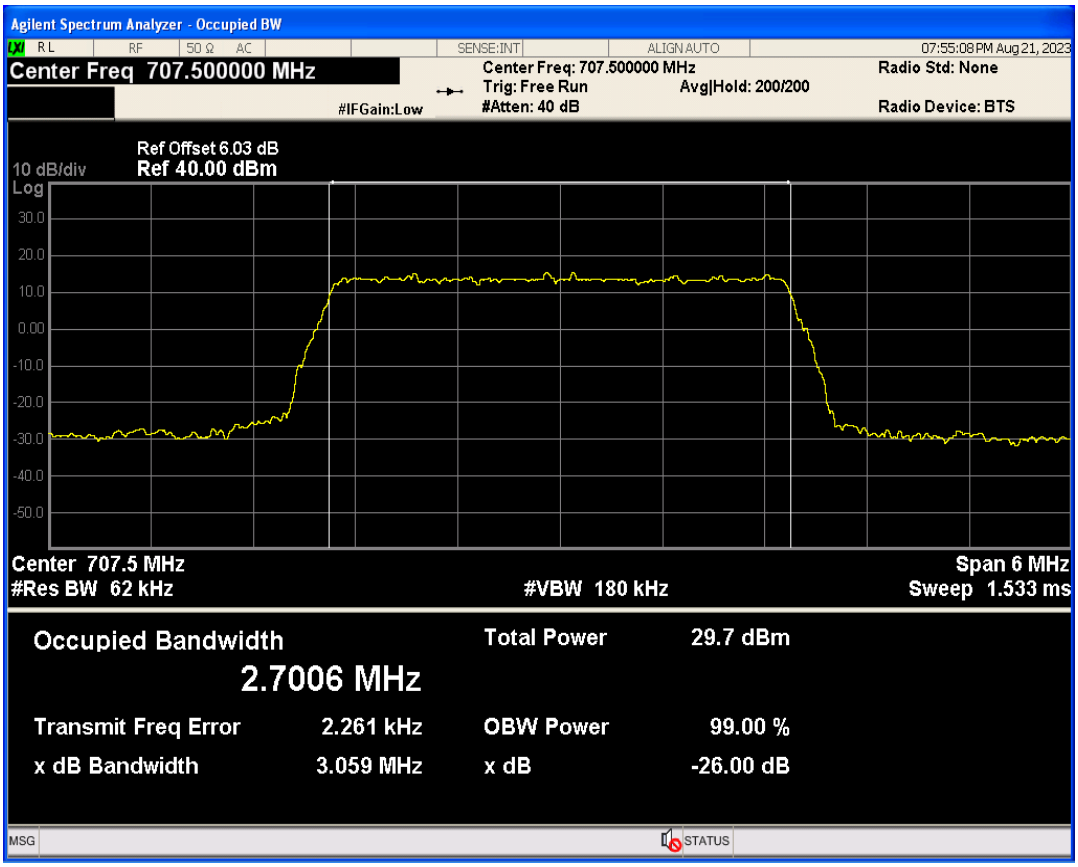
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



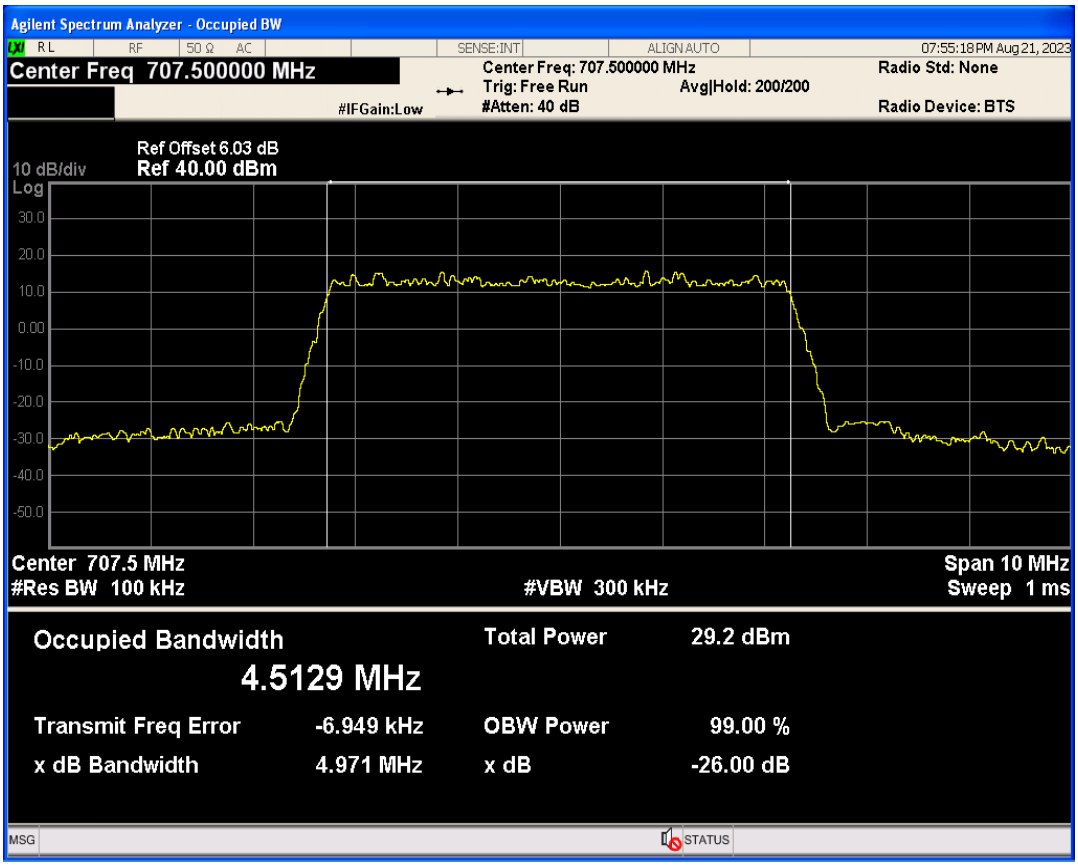
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0



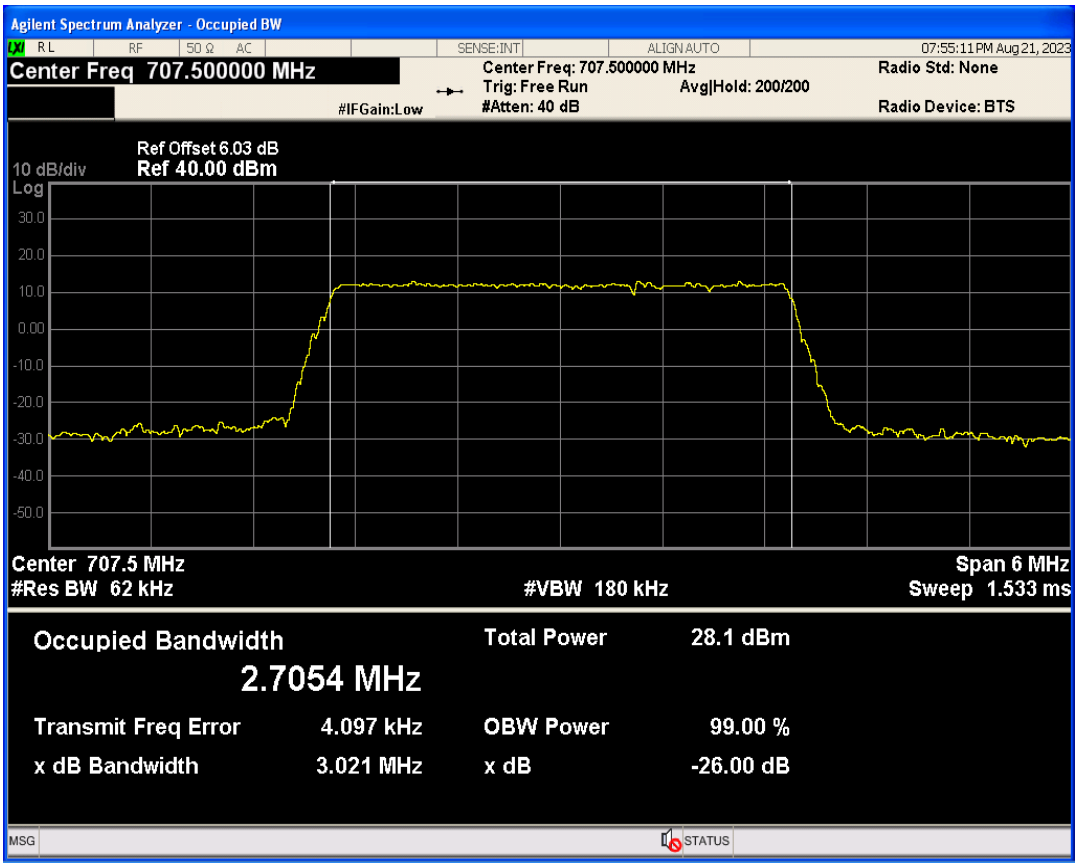
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



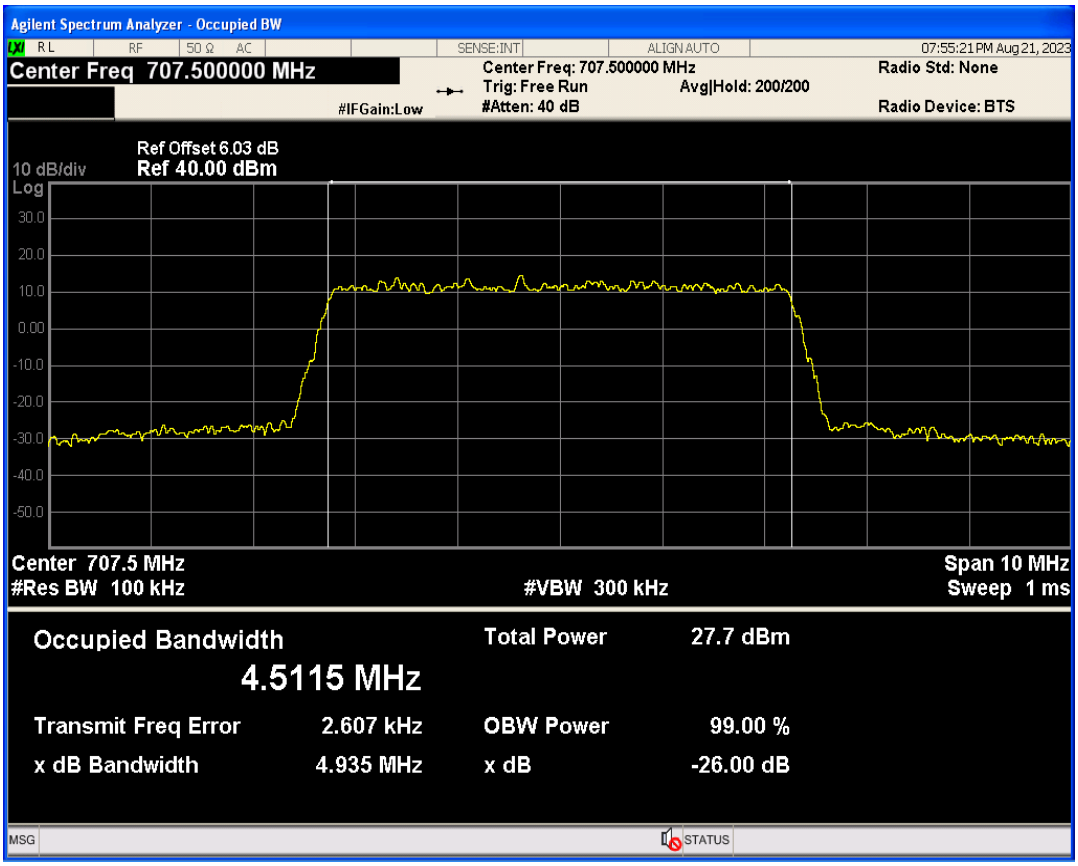
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



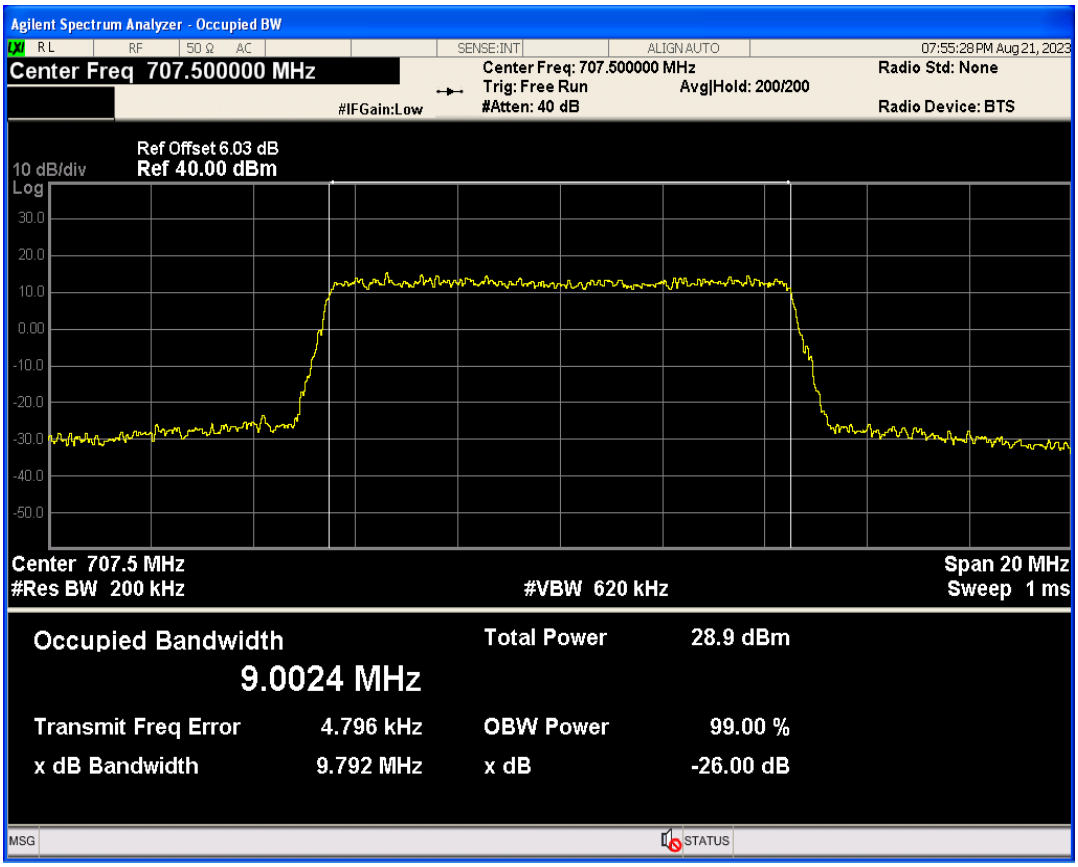
Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0



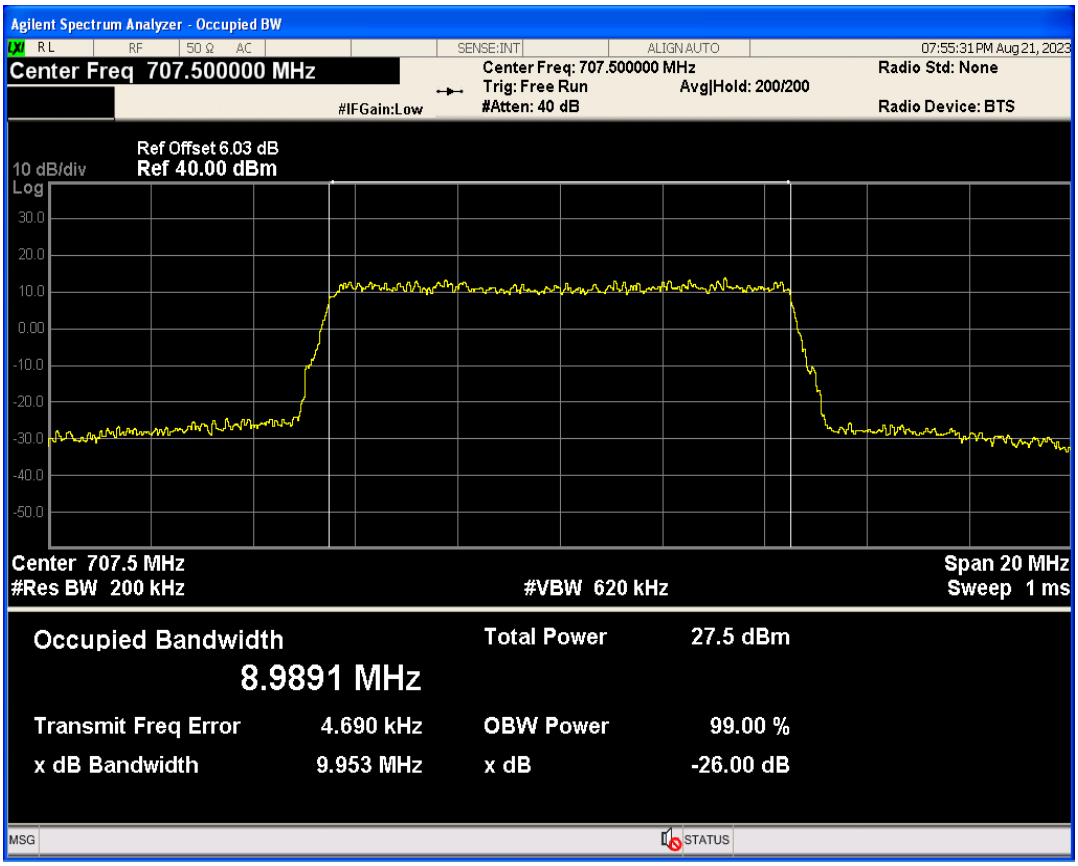
Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0



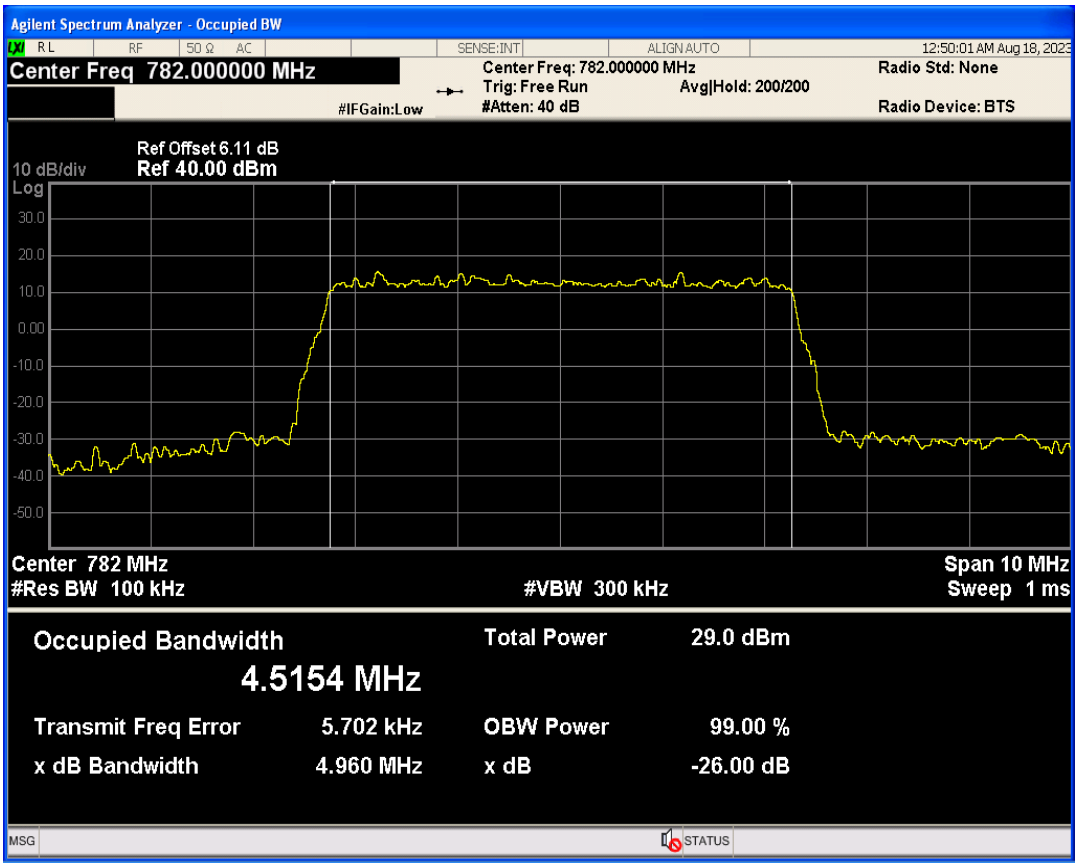
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



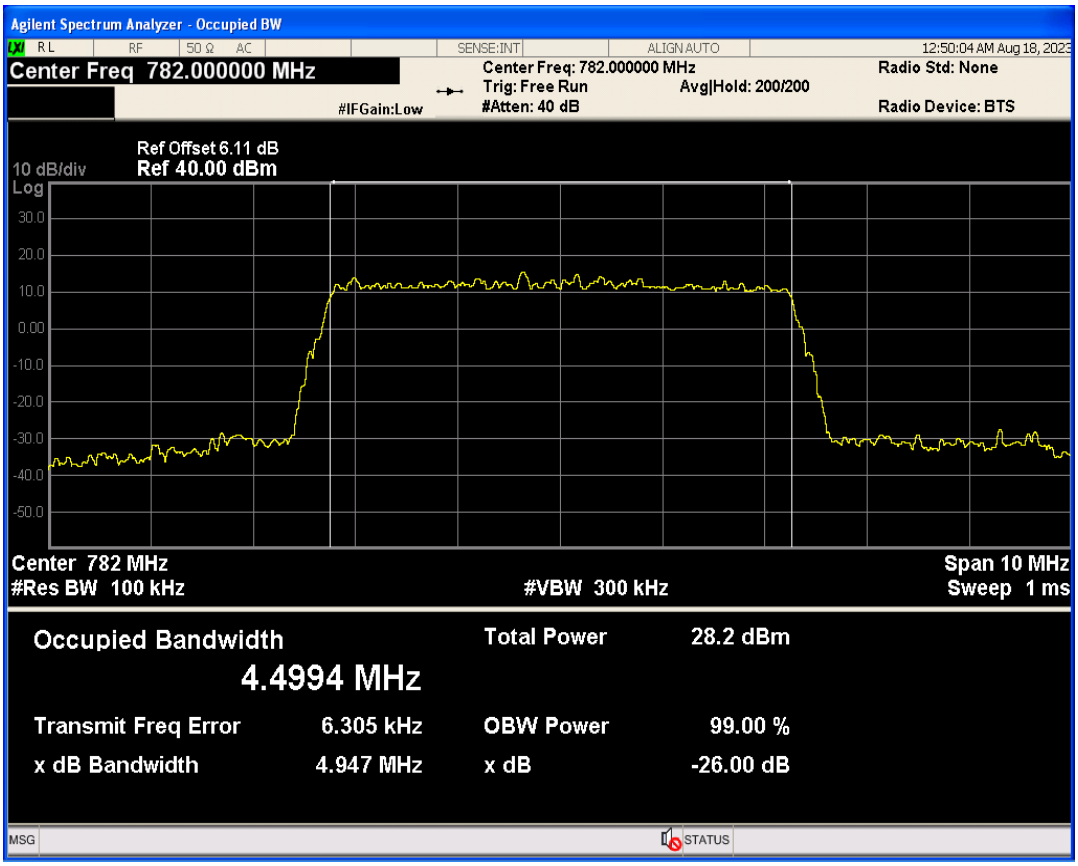
Band12 16QAM BW=10MHz Channel=23095 RB Size=50 Position=#0



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



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



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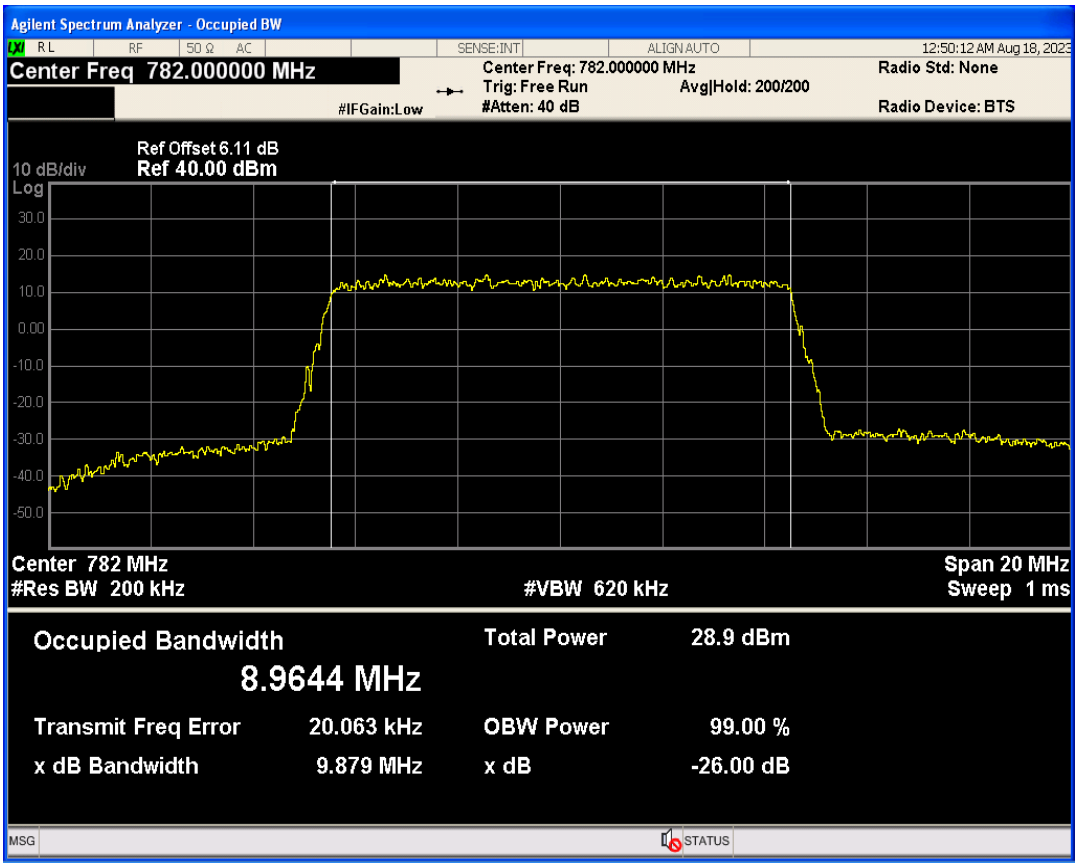
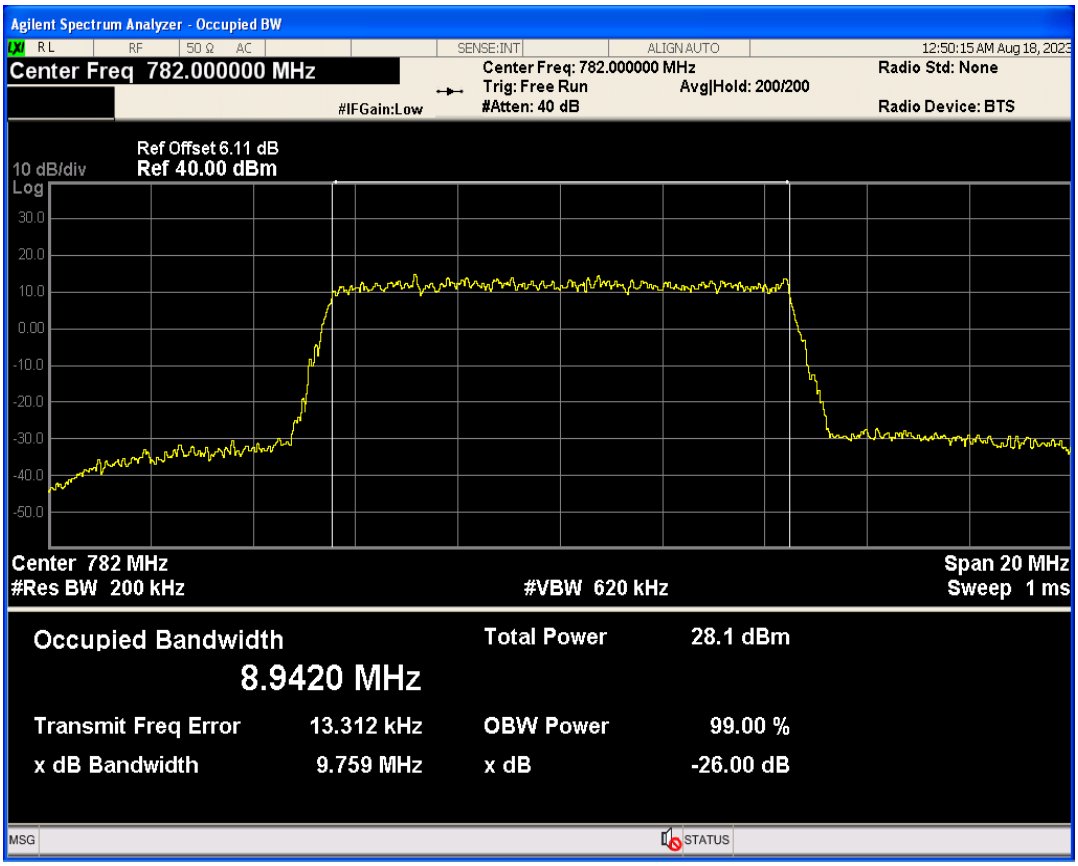
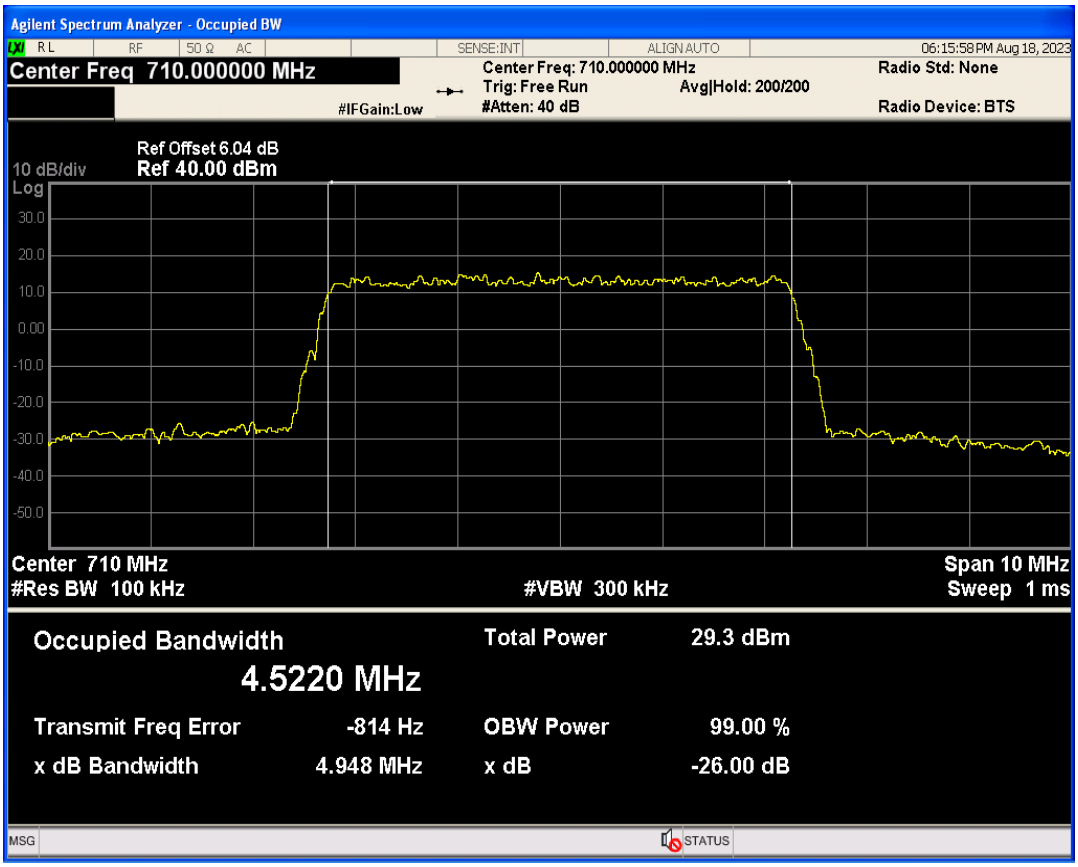


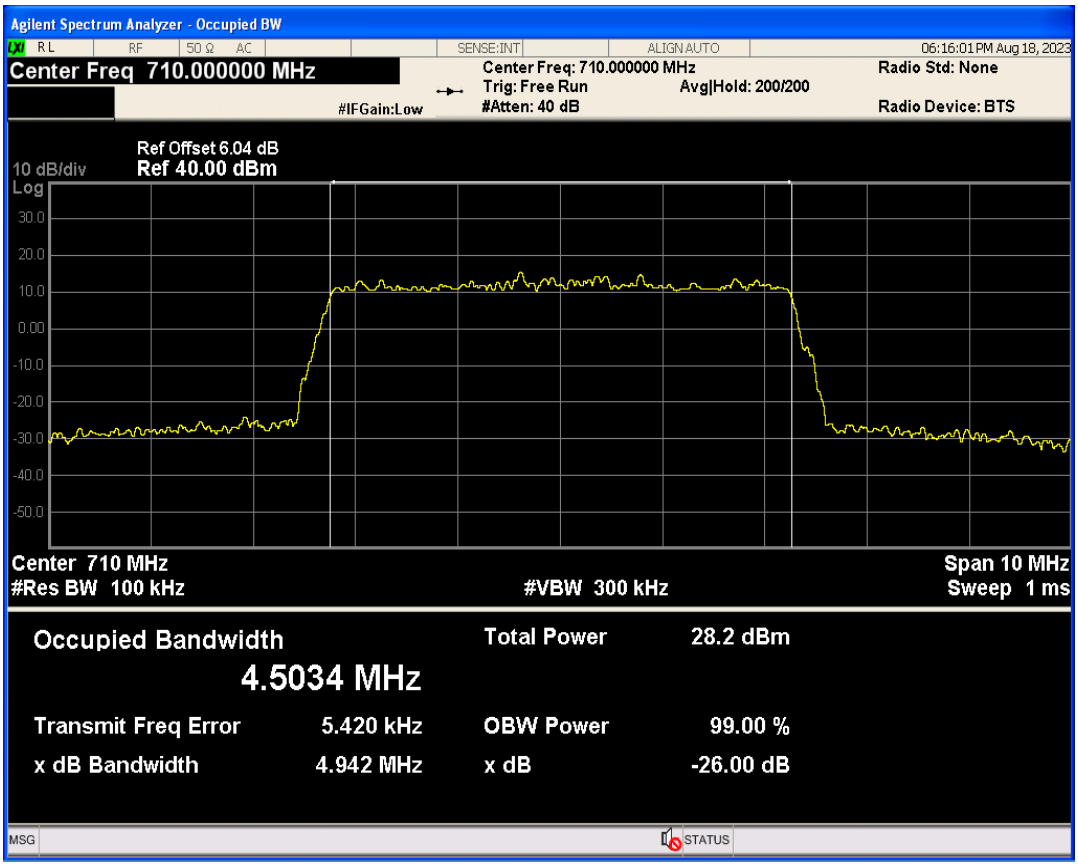
Band13 16QAM BW=10MHz Channel=23230 RB Size=50 Position=#0



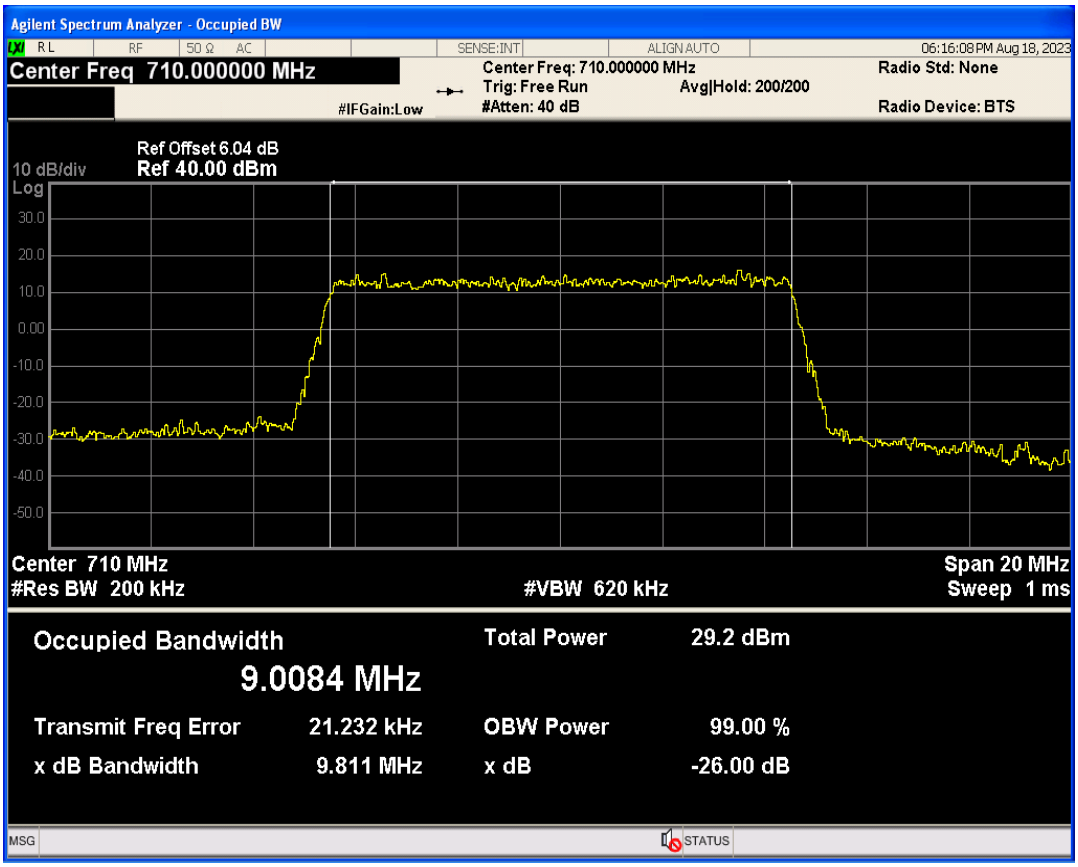
Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0



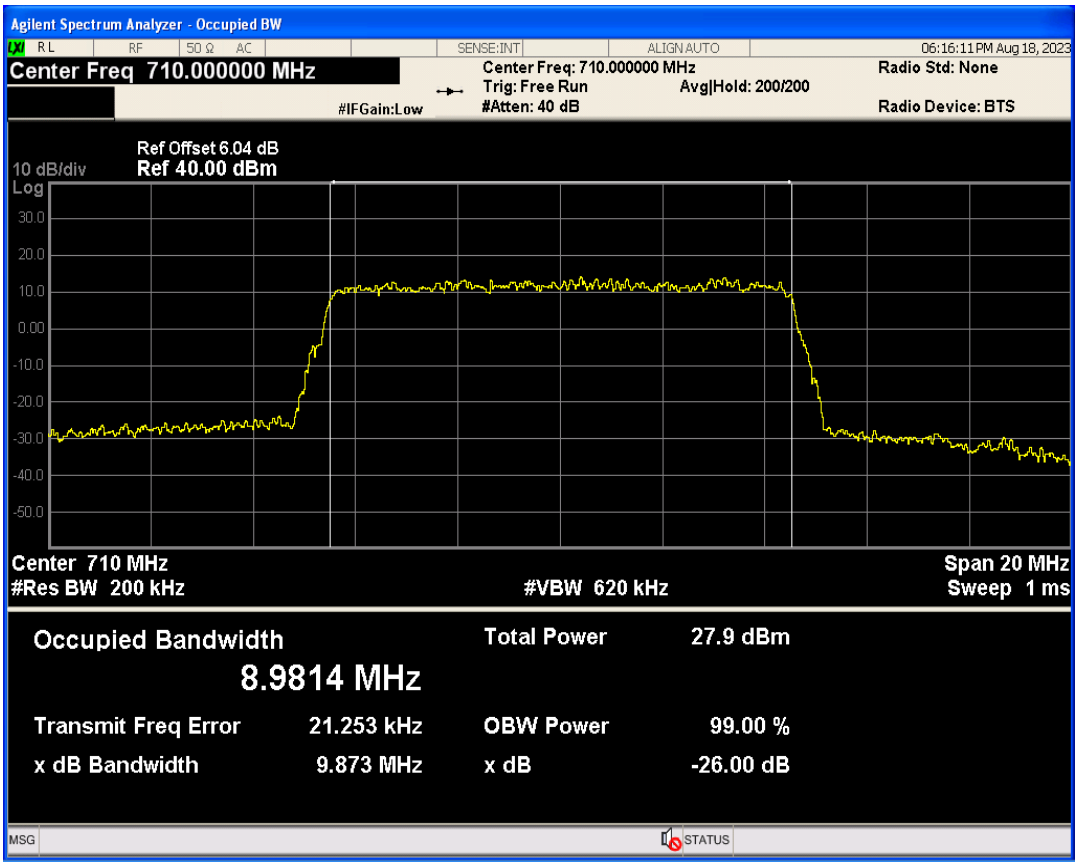
Band17 16QAM BW=5MHz Channel=23790 RB Size=25 Position=#0



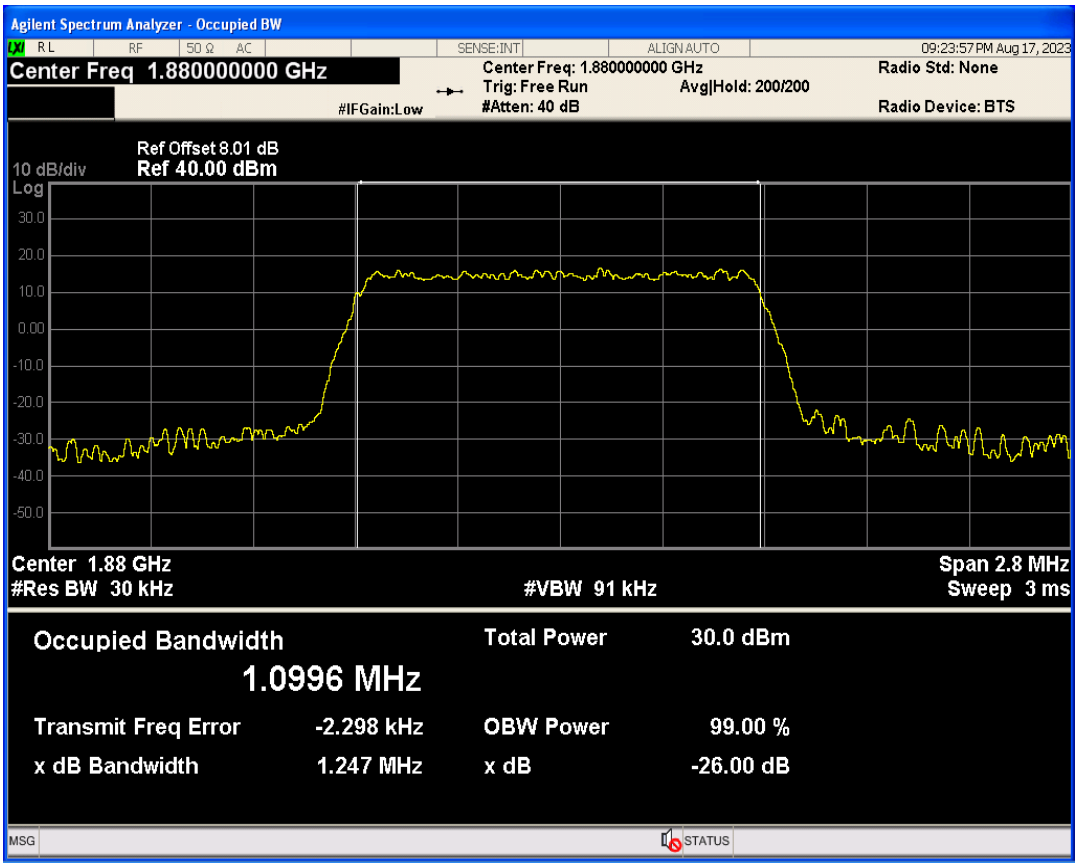
Band17 QPSK BW=10MHz Channel=23790 RB Size=50 Position=#0



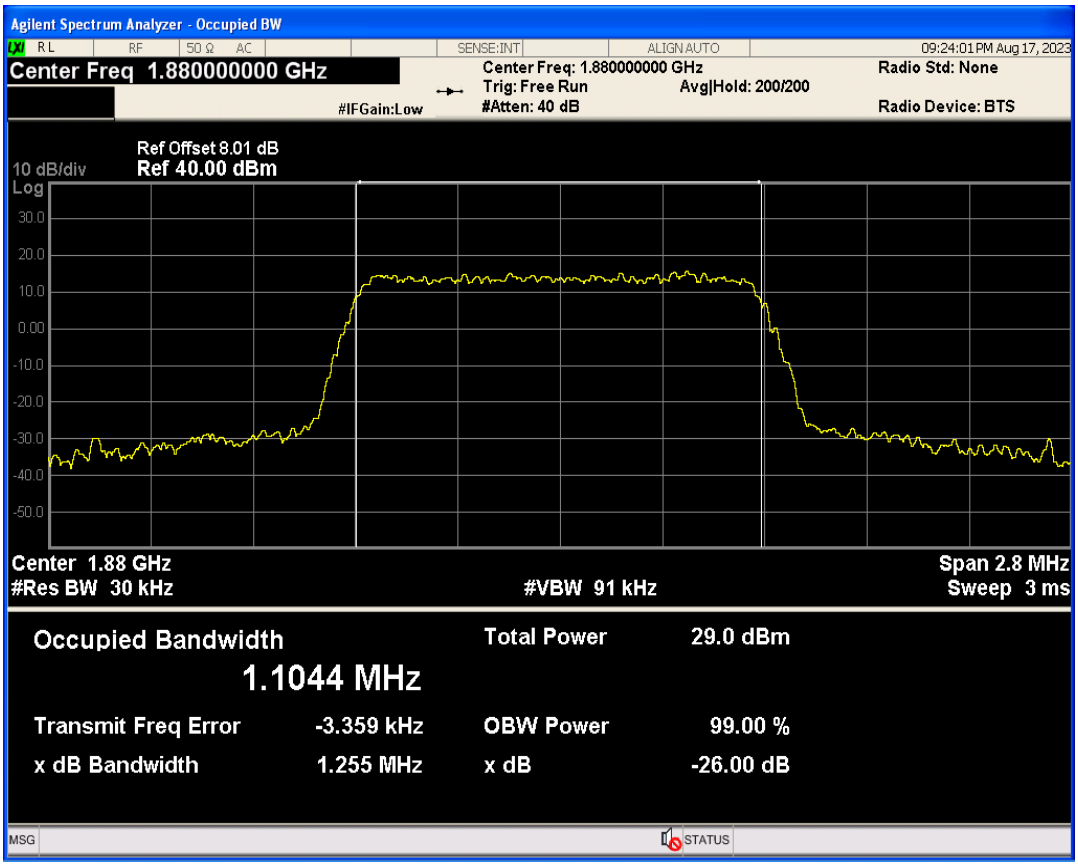
Band17 16QAM BW=10MHz Channel=23790 RB Size=50 Position=#0



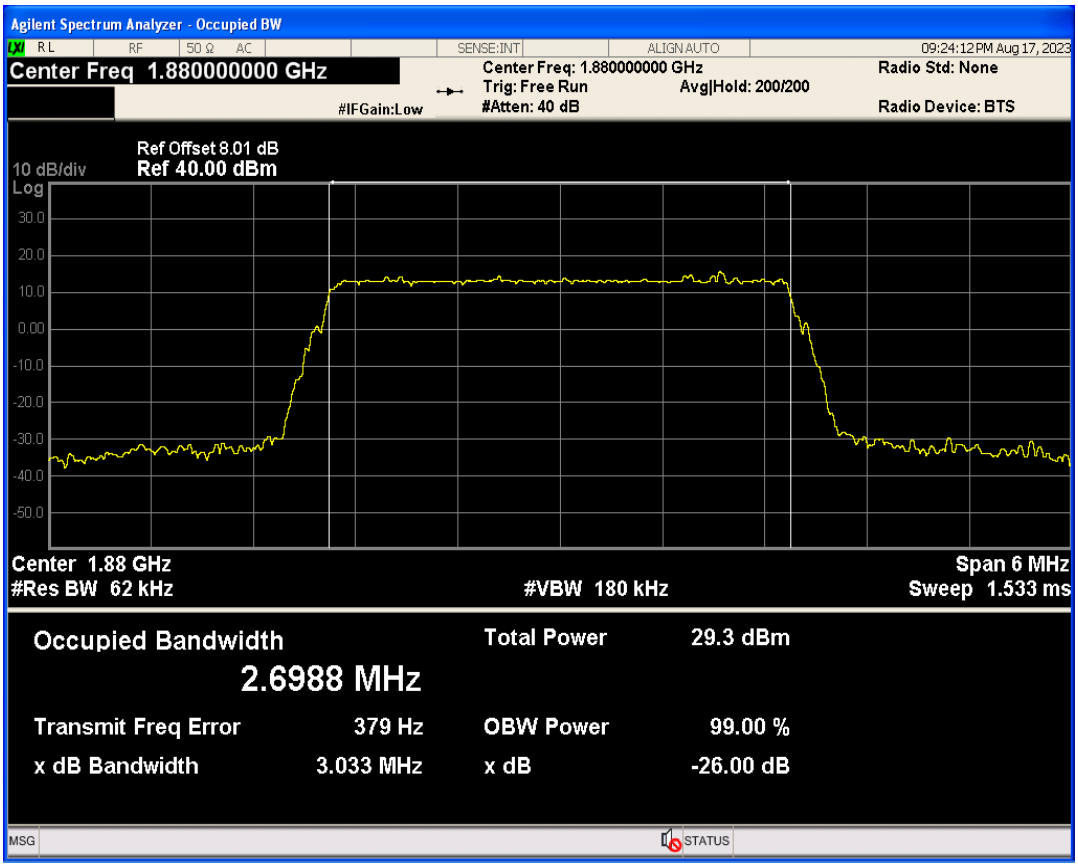
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



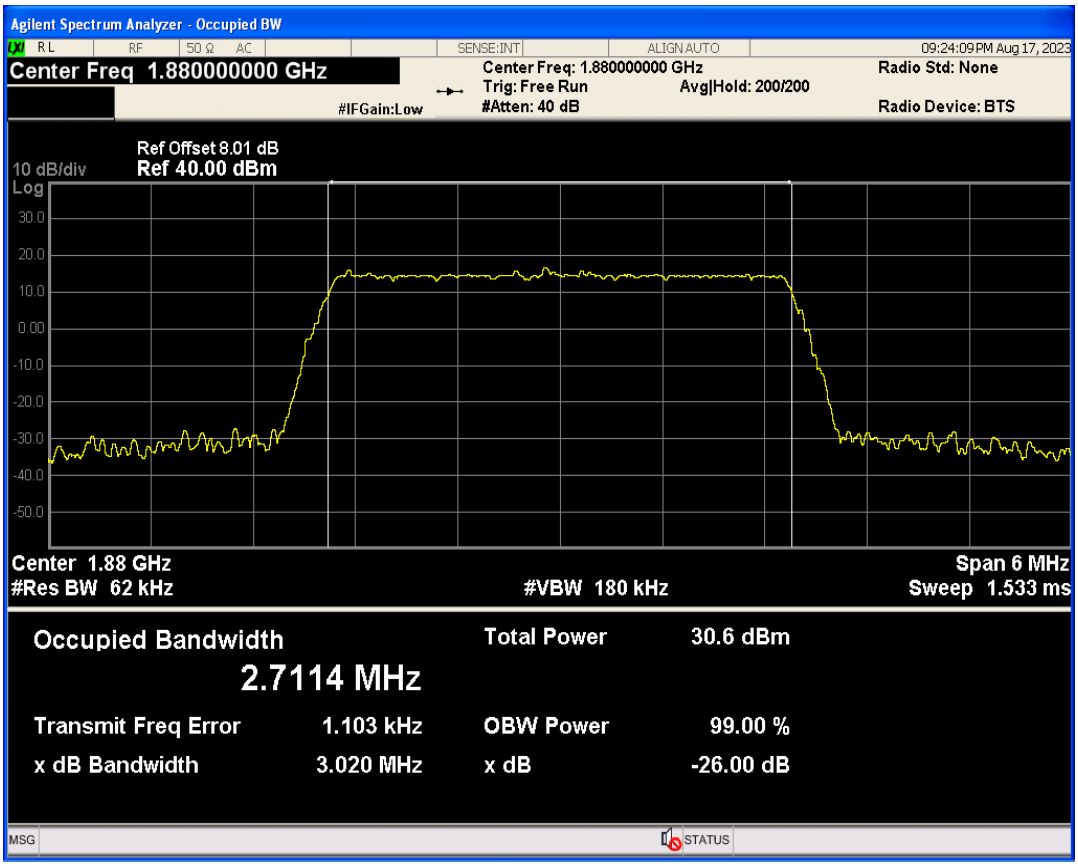
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



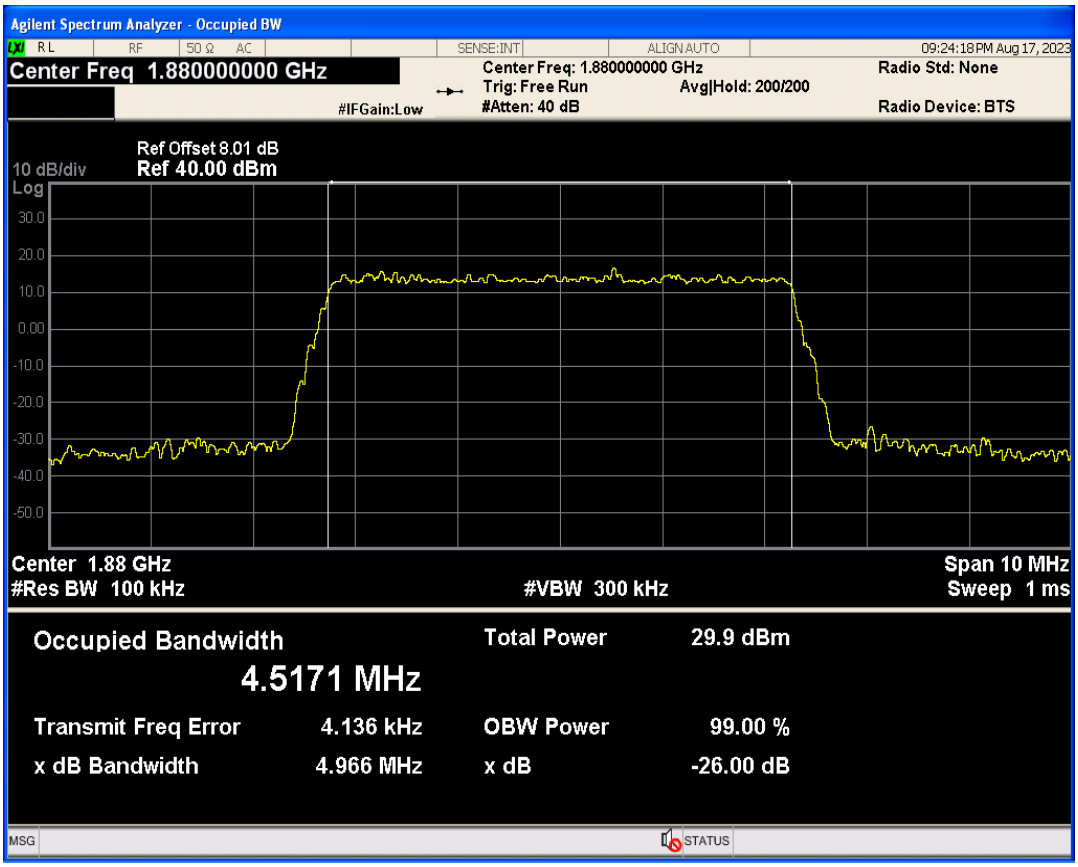
Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



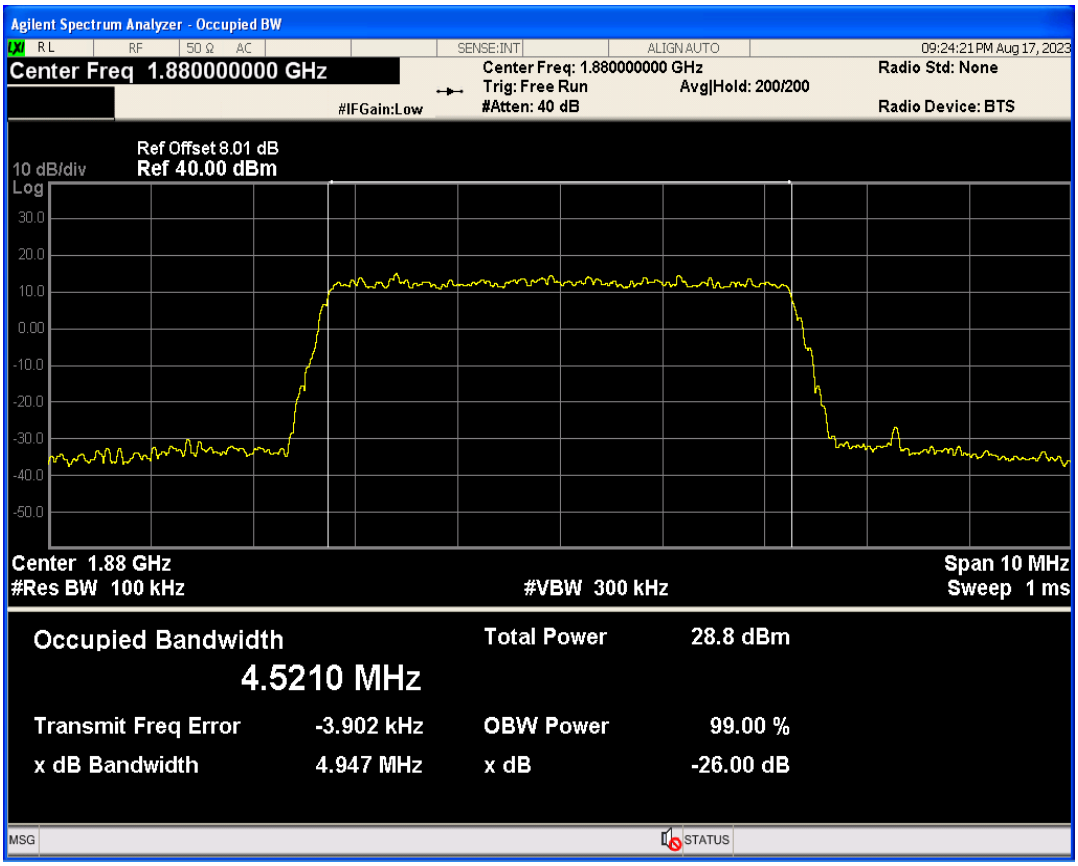
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



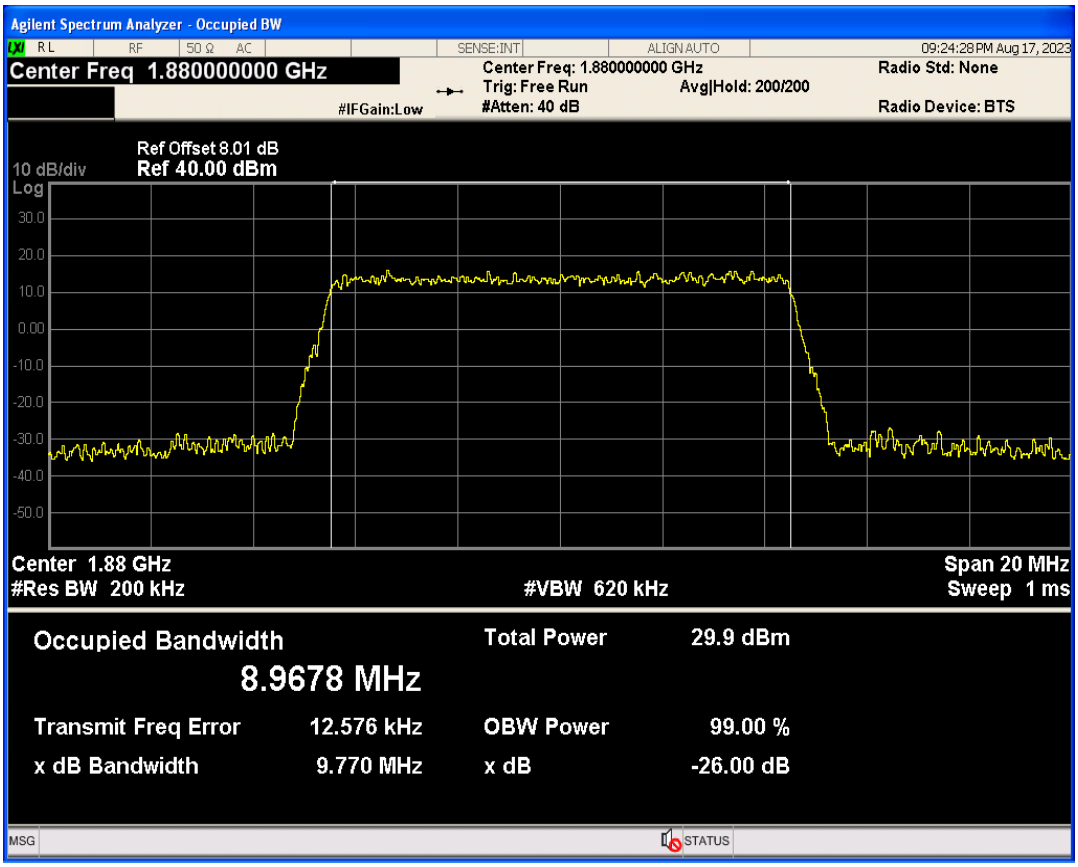
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



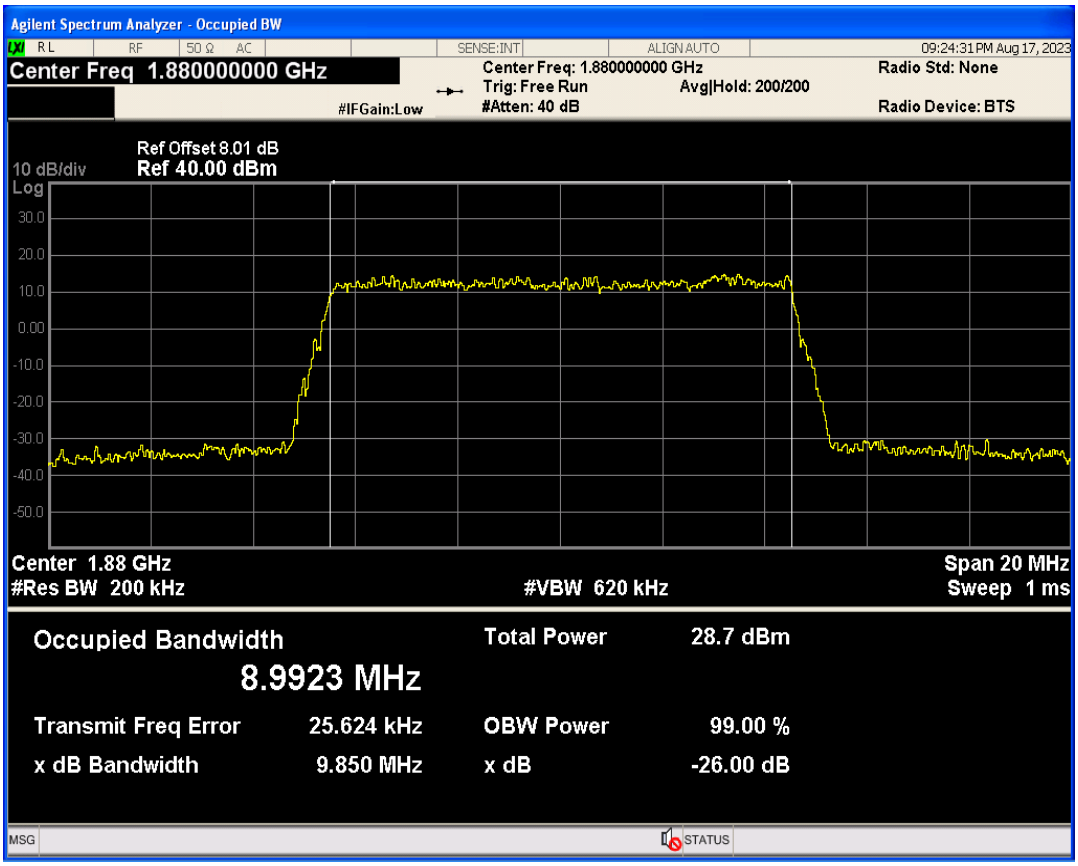
Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



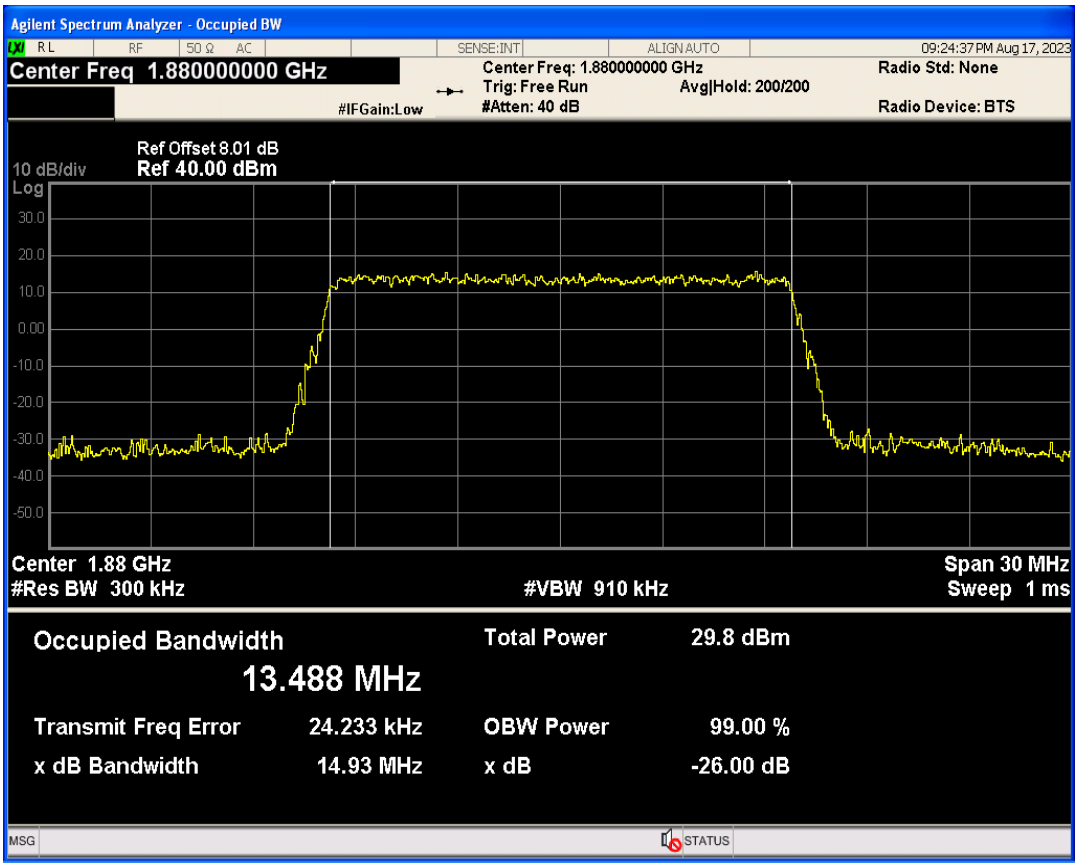
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



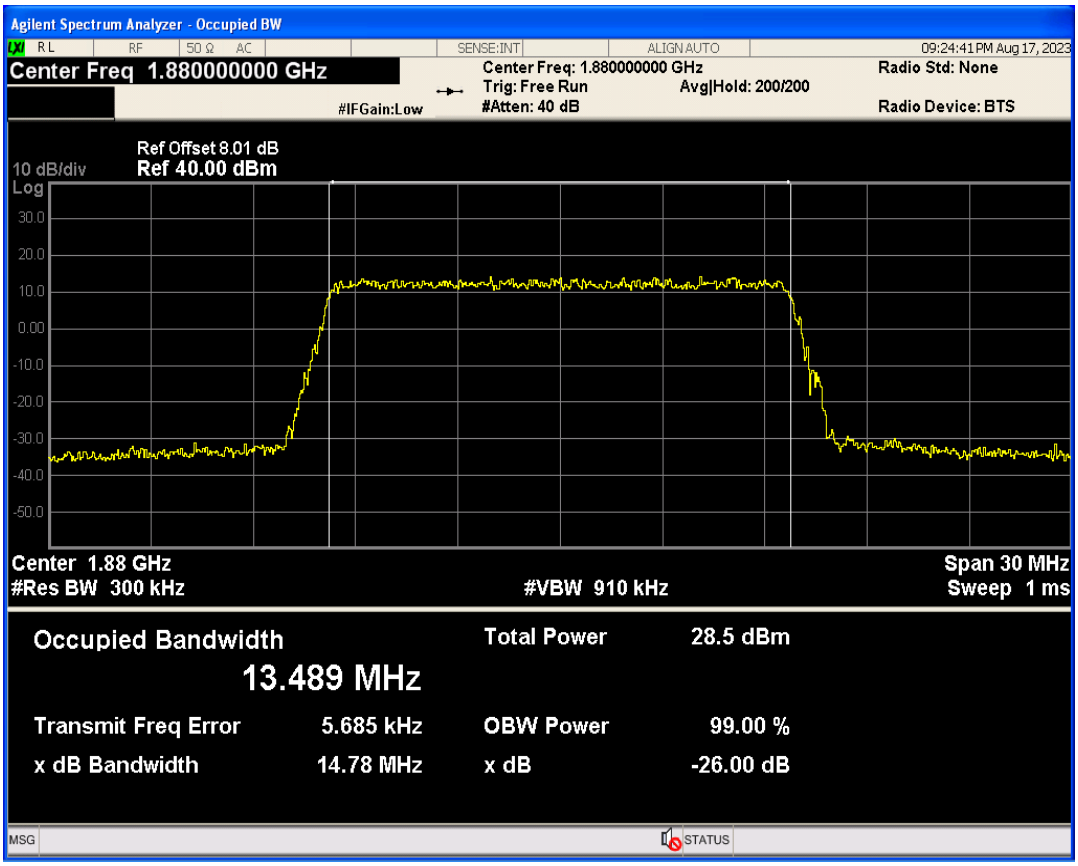
Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0



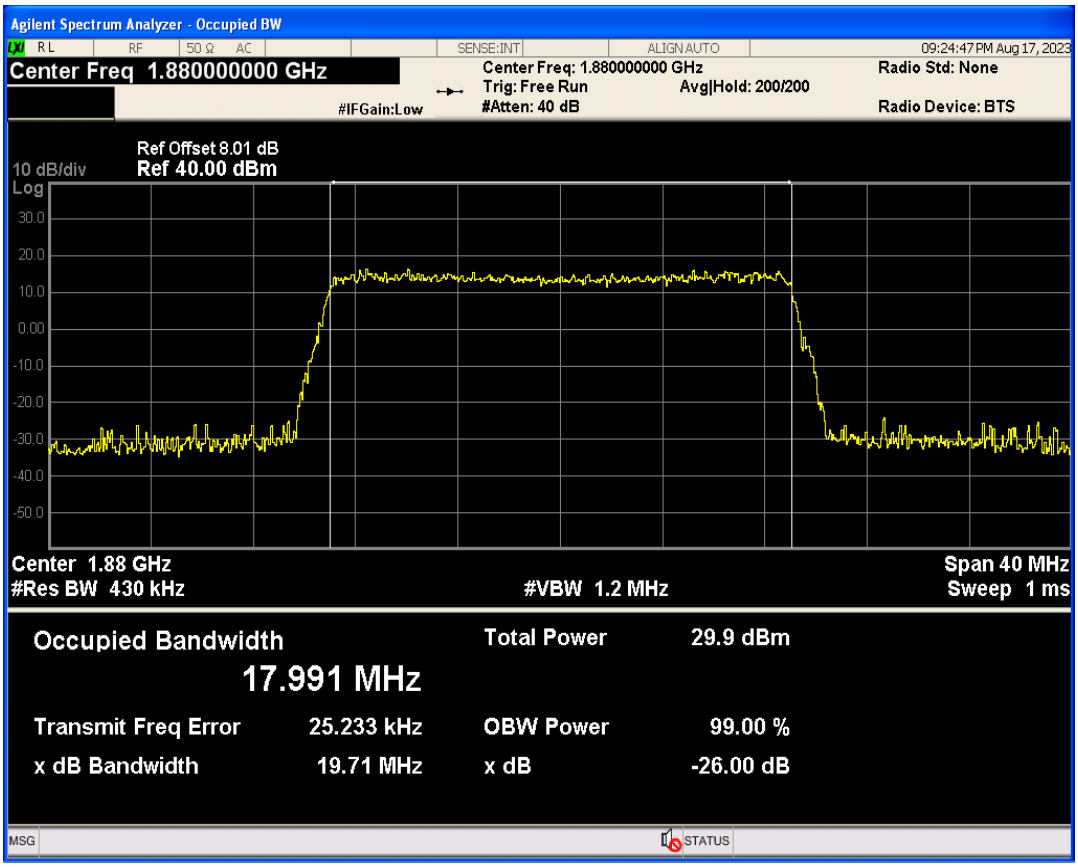
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



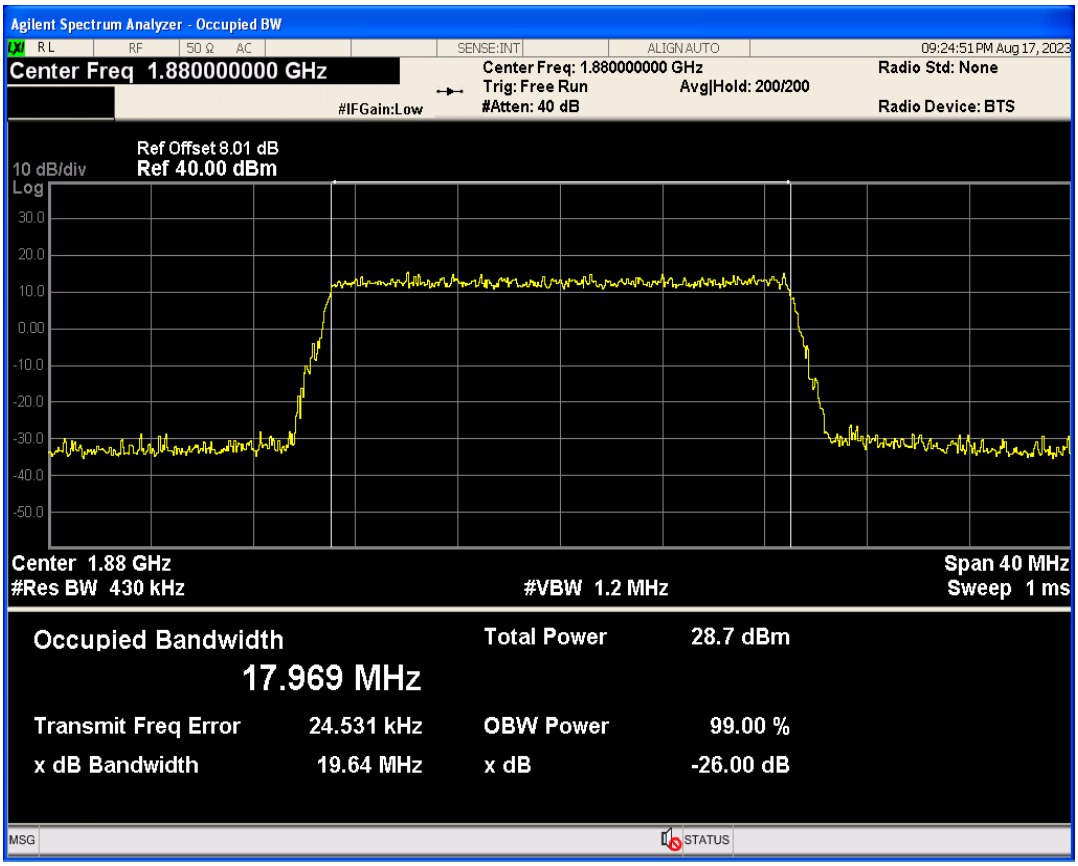
Band2 16QAM BW=15MHz Channel=18900 RB Size=75 Position=#0



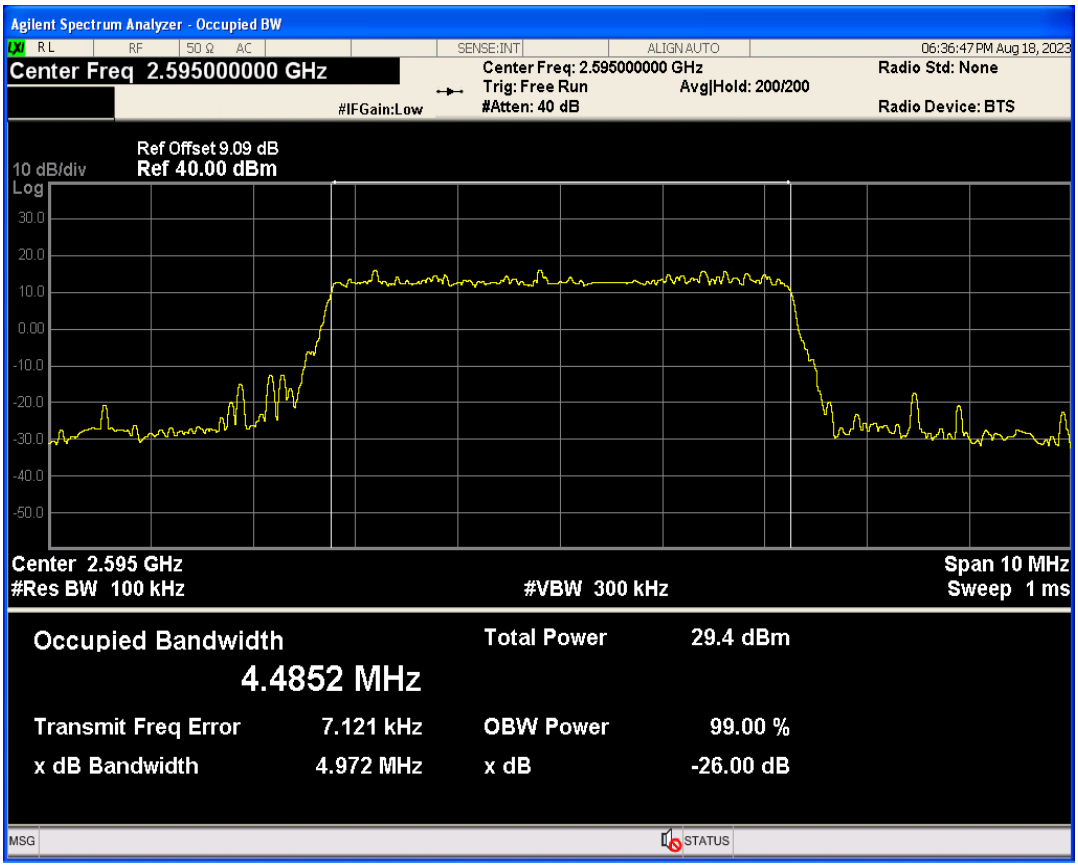
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



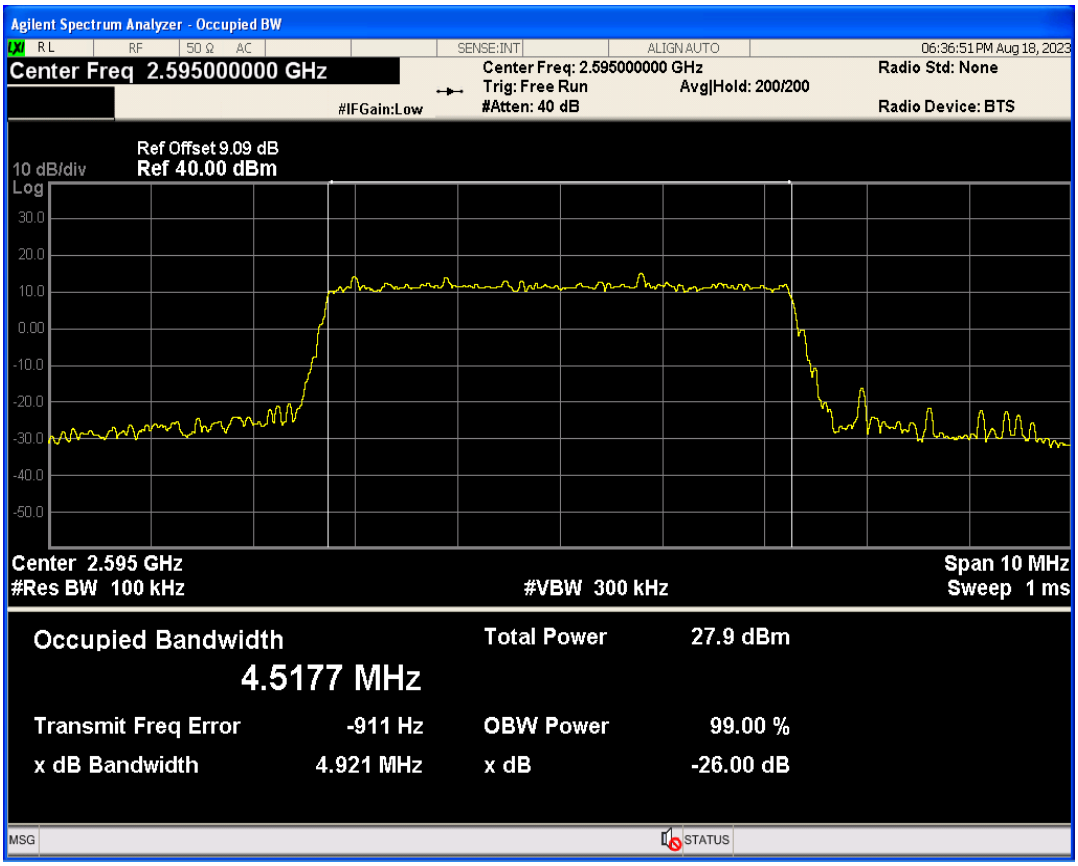
Band2 16QAM BW=20MHz Channel=18900 RB Size=100 Position=#0



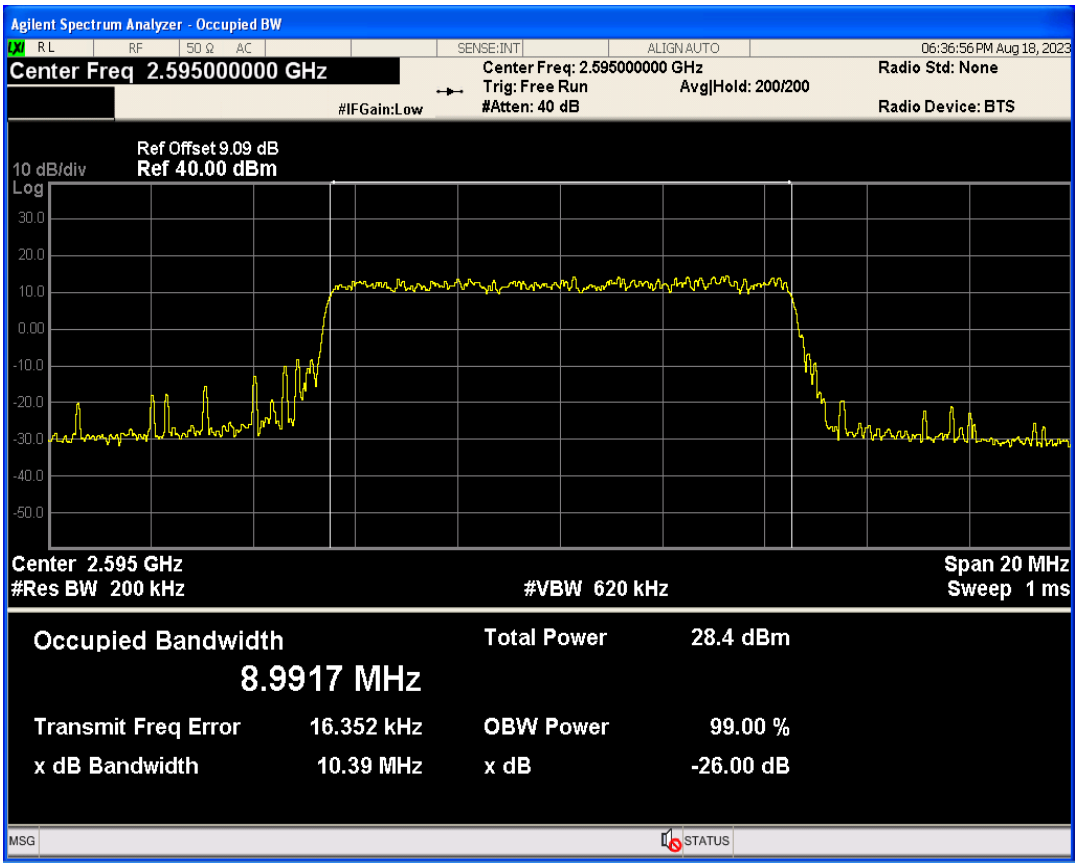
Band38 QPSK BW=5MHz Channel=38000 RB Size=25 Position=#0



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



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



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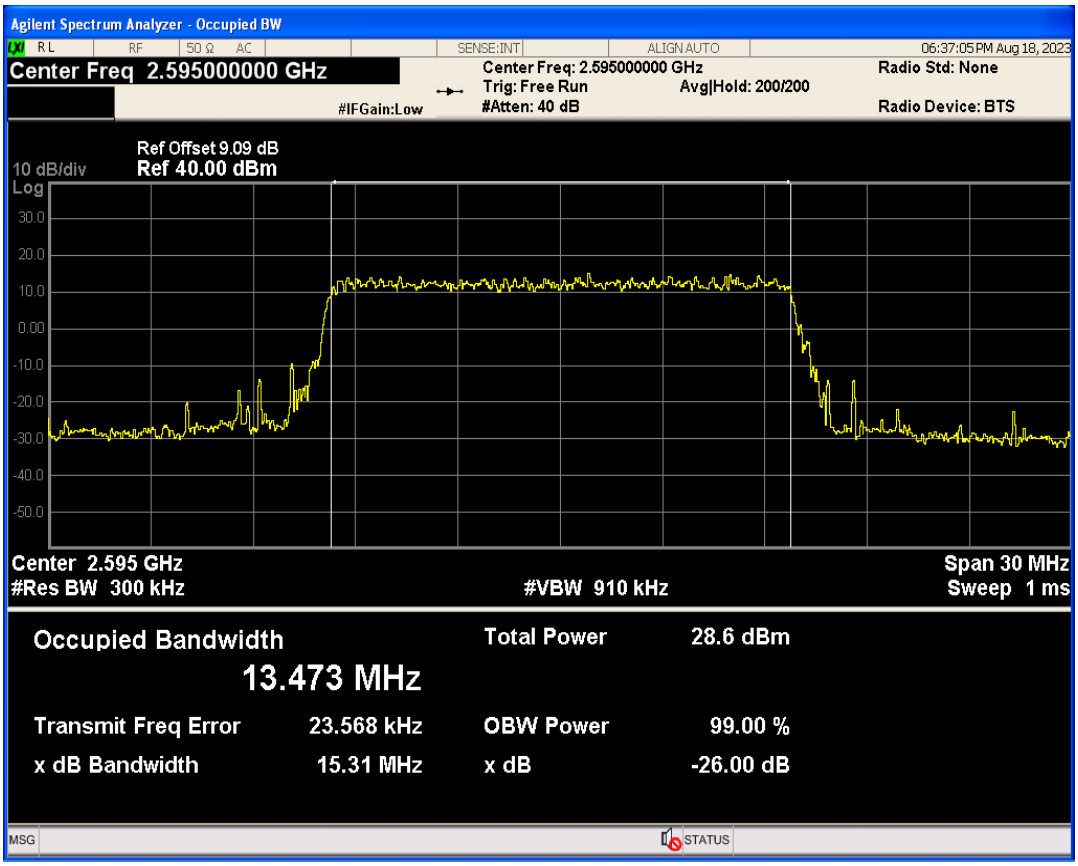
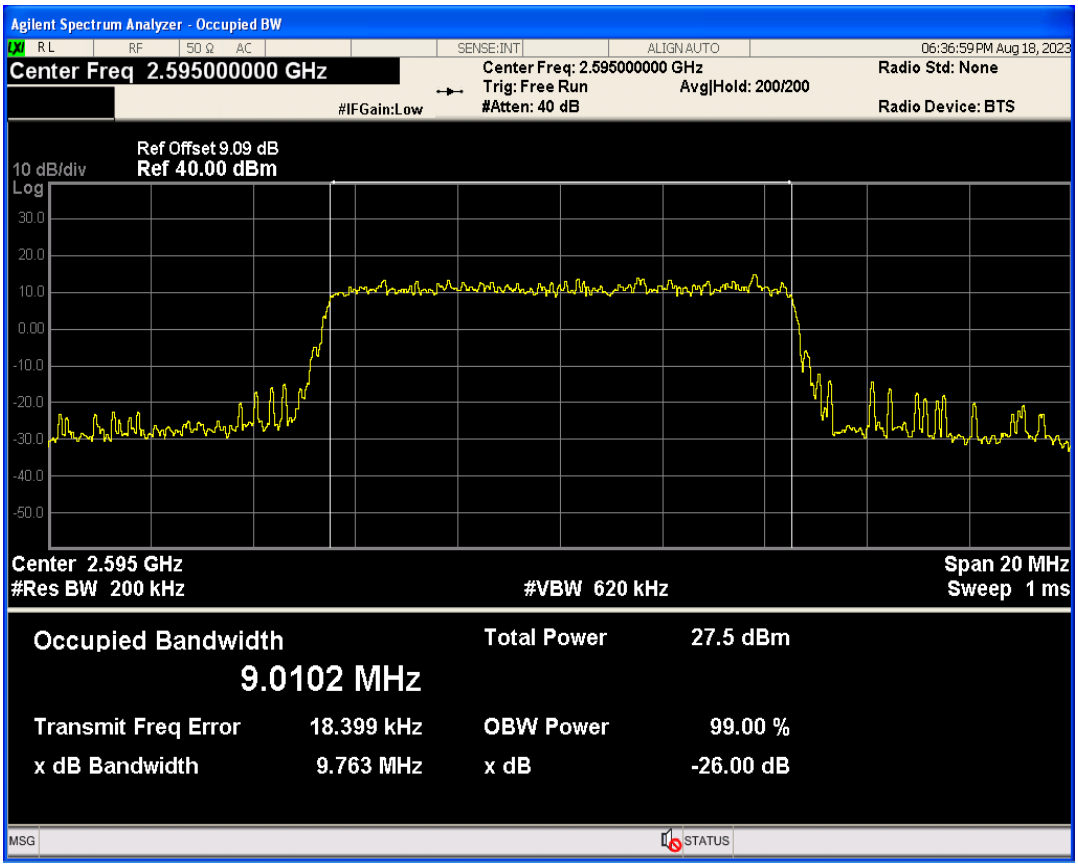
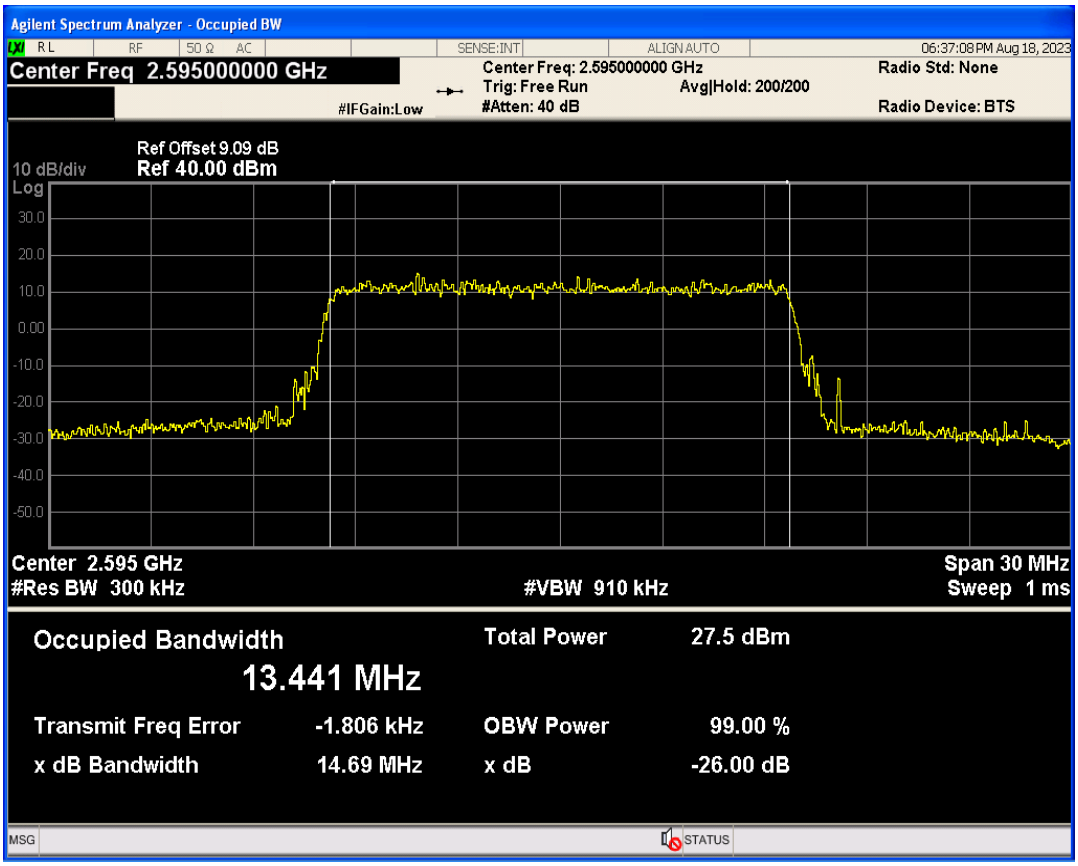


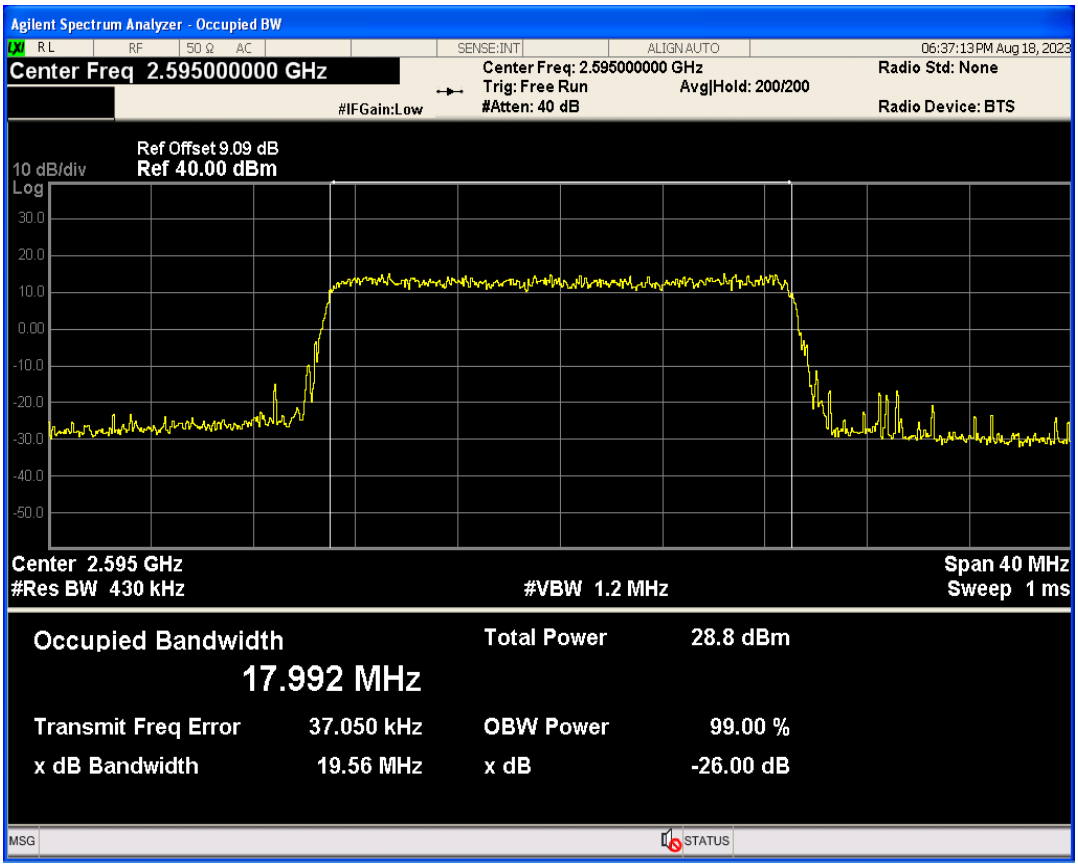
Band38 16QAM BW=10MHz Channel=38000 RB Size=50 Position=#0



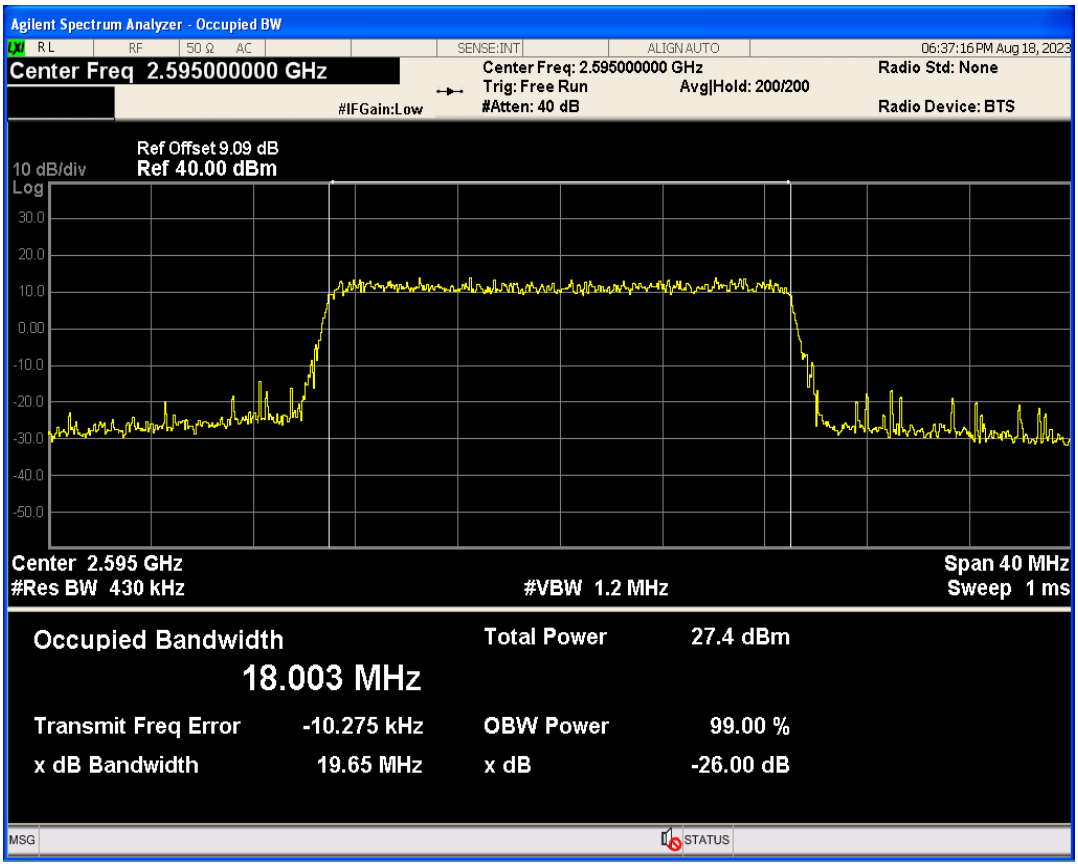
Band38 16QAM BW=15MHz Channel=38000 RB Size=75 Position=#0



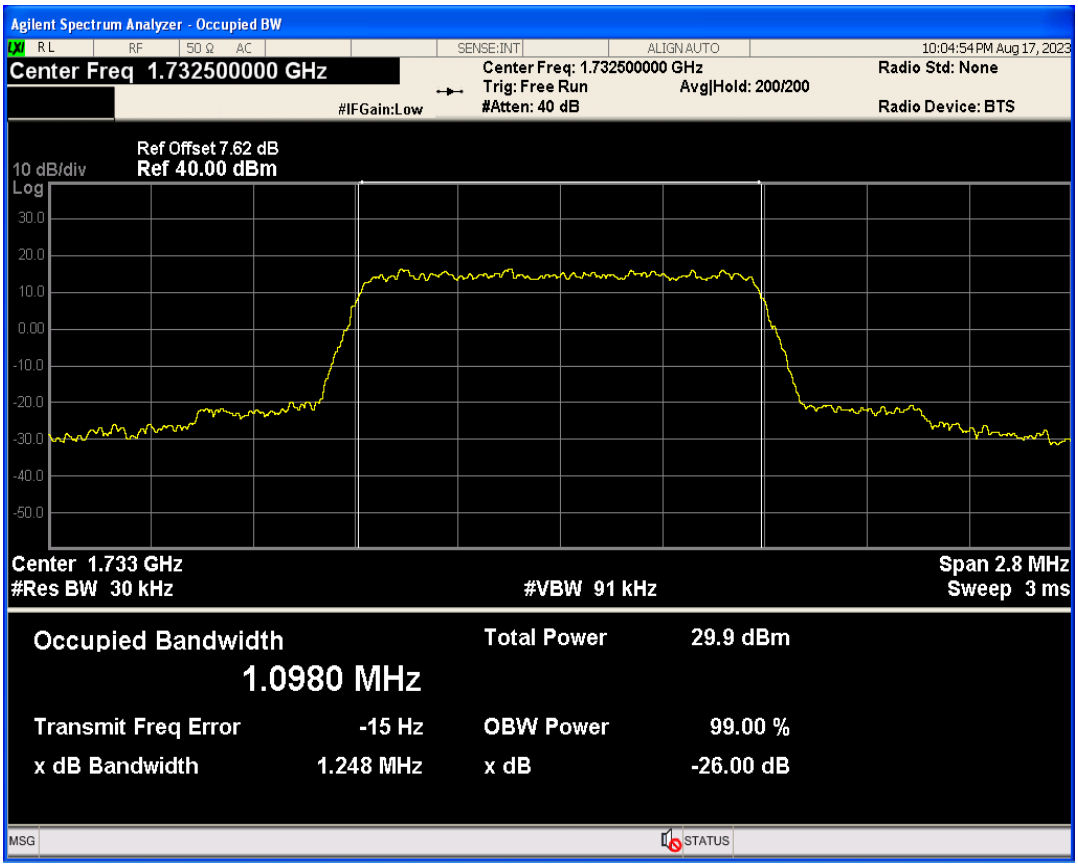
Band38 QPSK BW=20MHz Channel=38000 RB Size=100 Position=#0



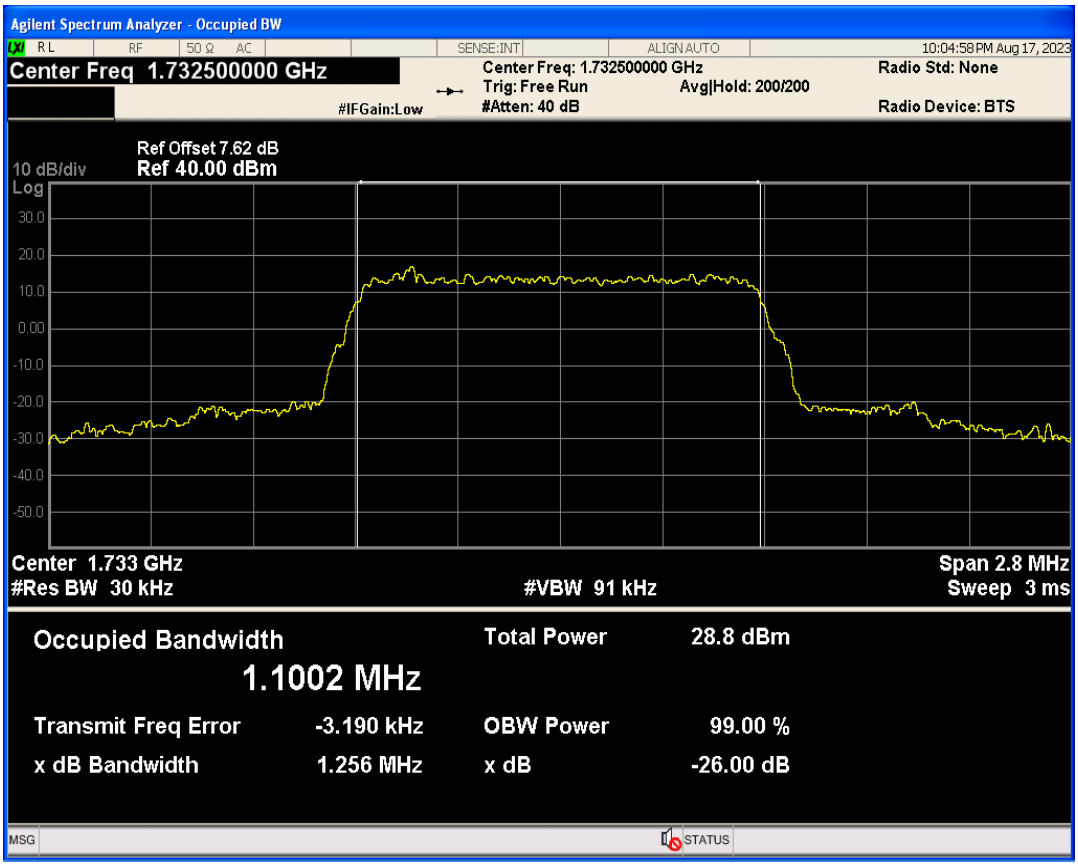
Band38 16QAM BW=20MHz Channel=38000 RB Size=100 Position=#0



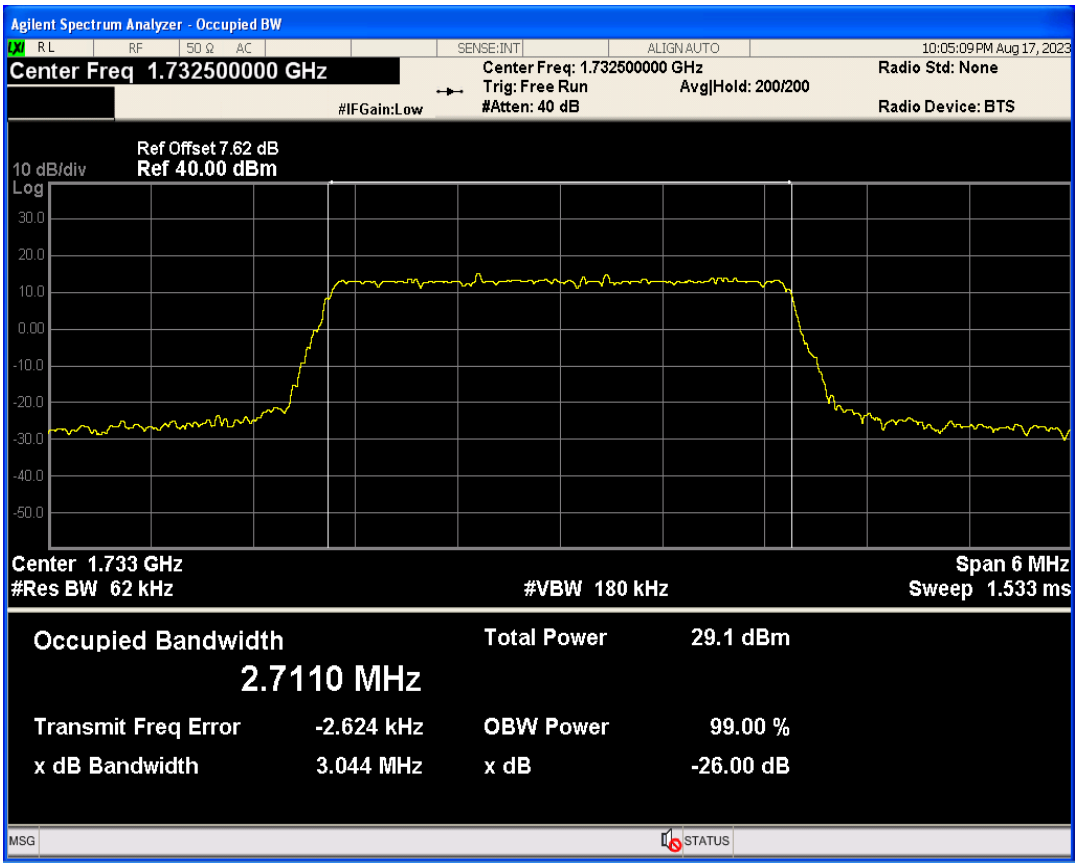
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



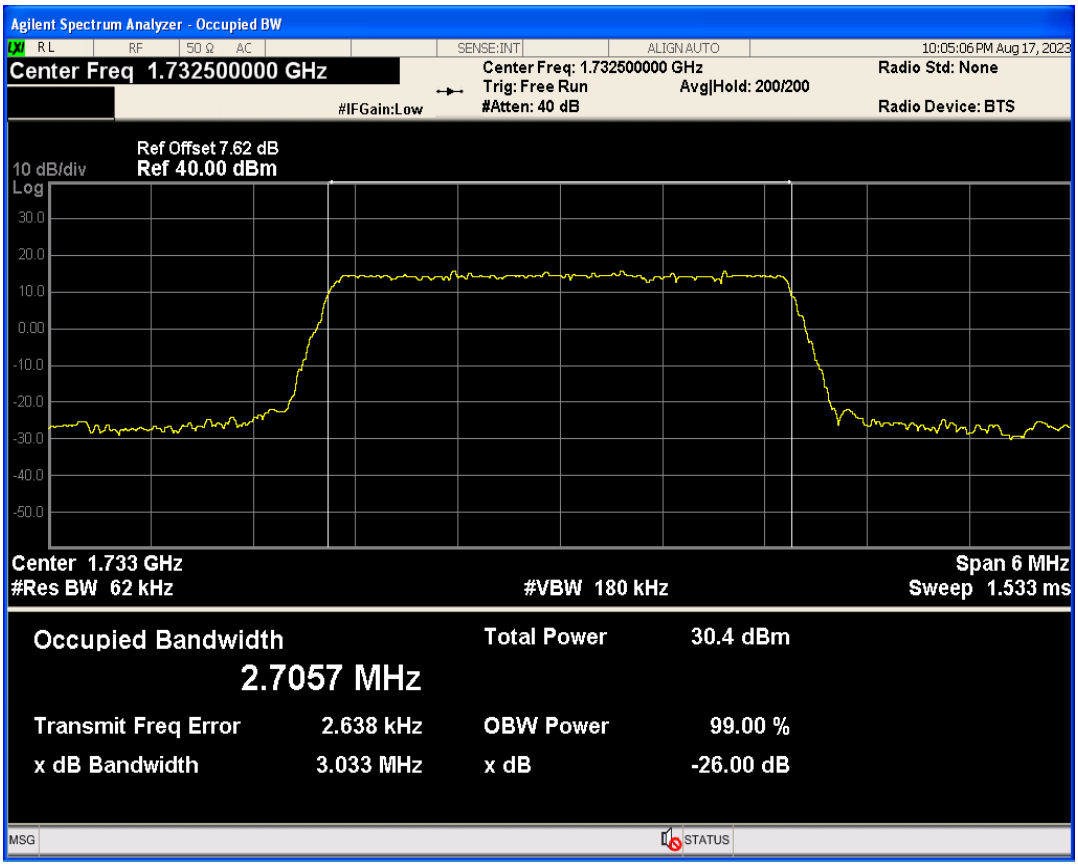
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0



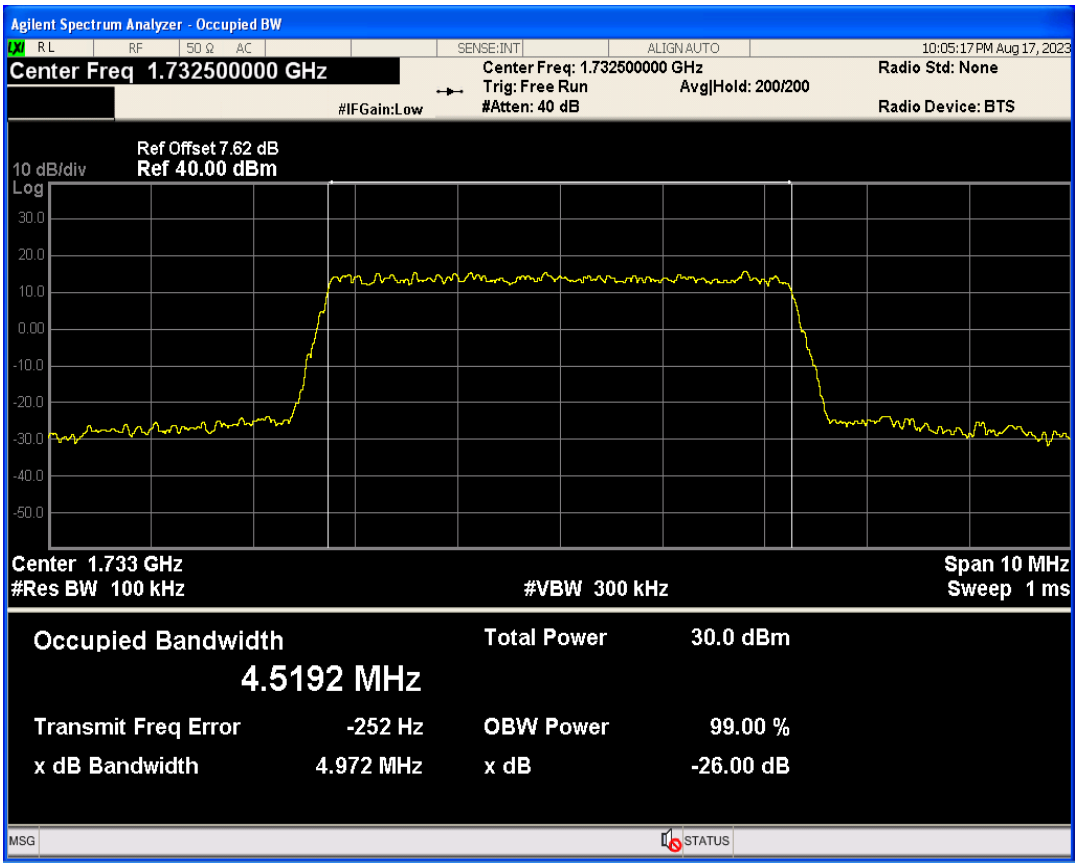
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0



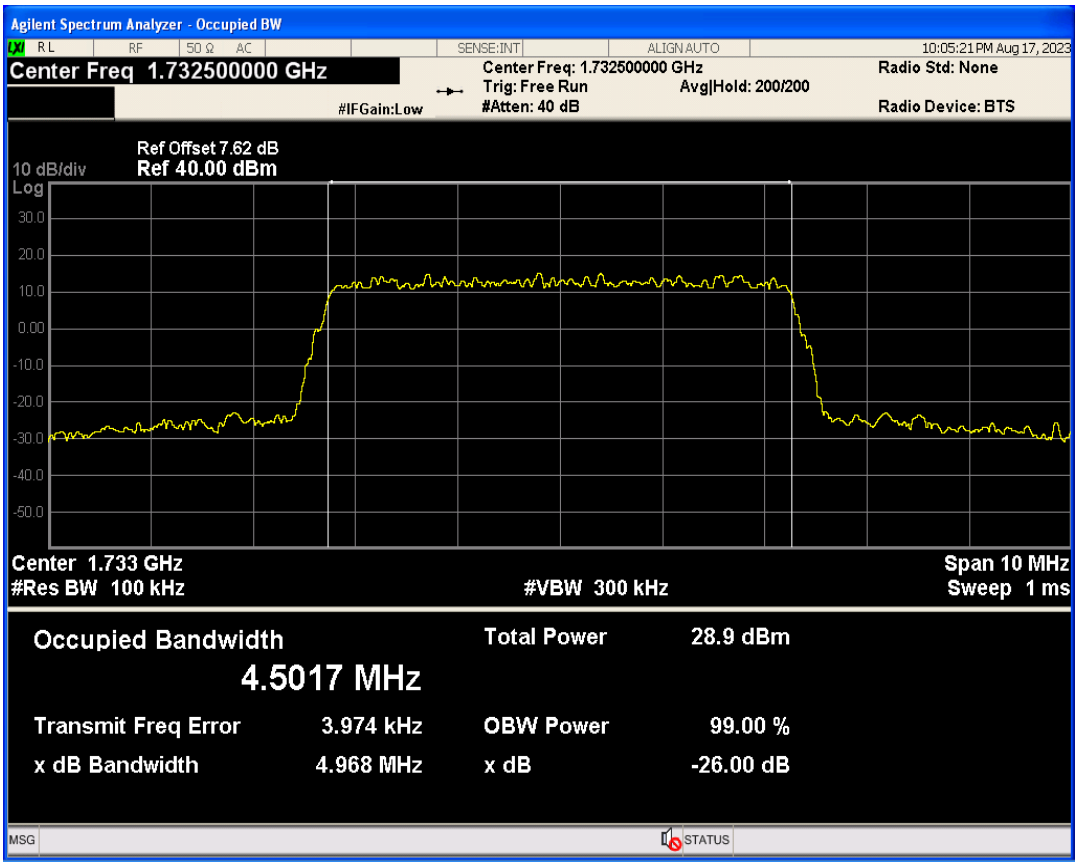
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



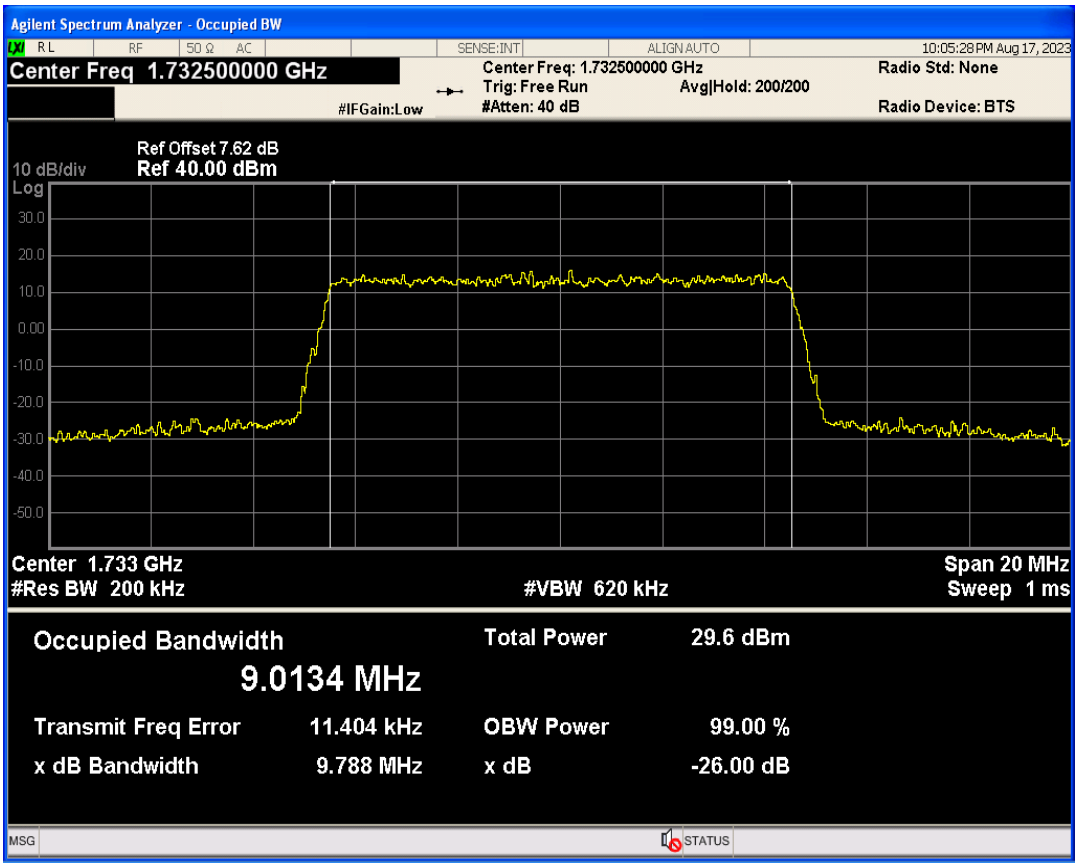
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



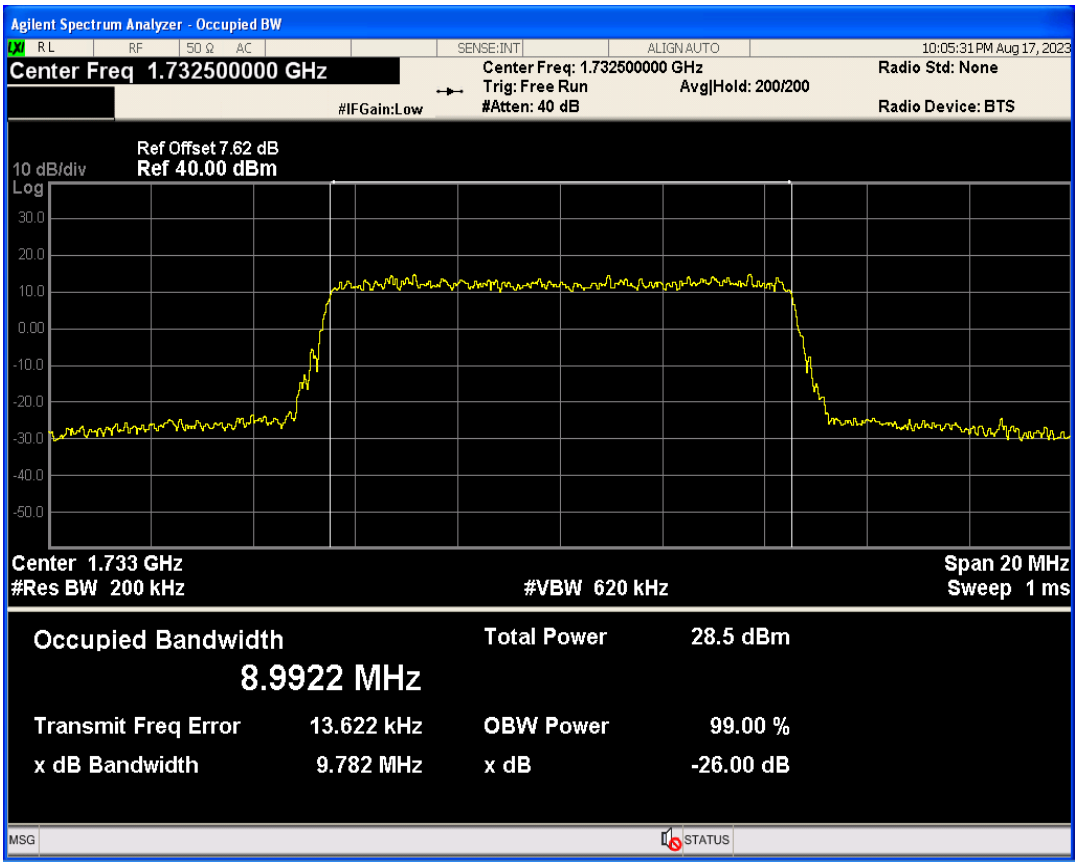
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0



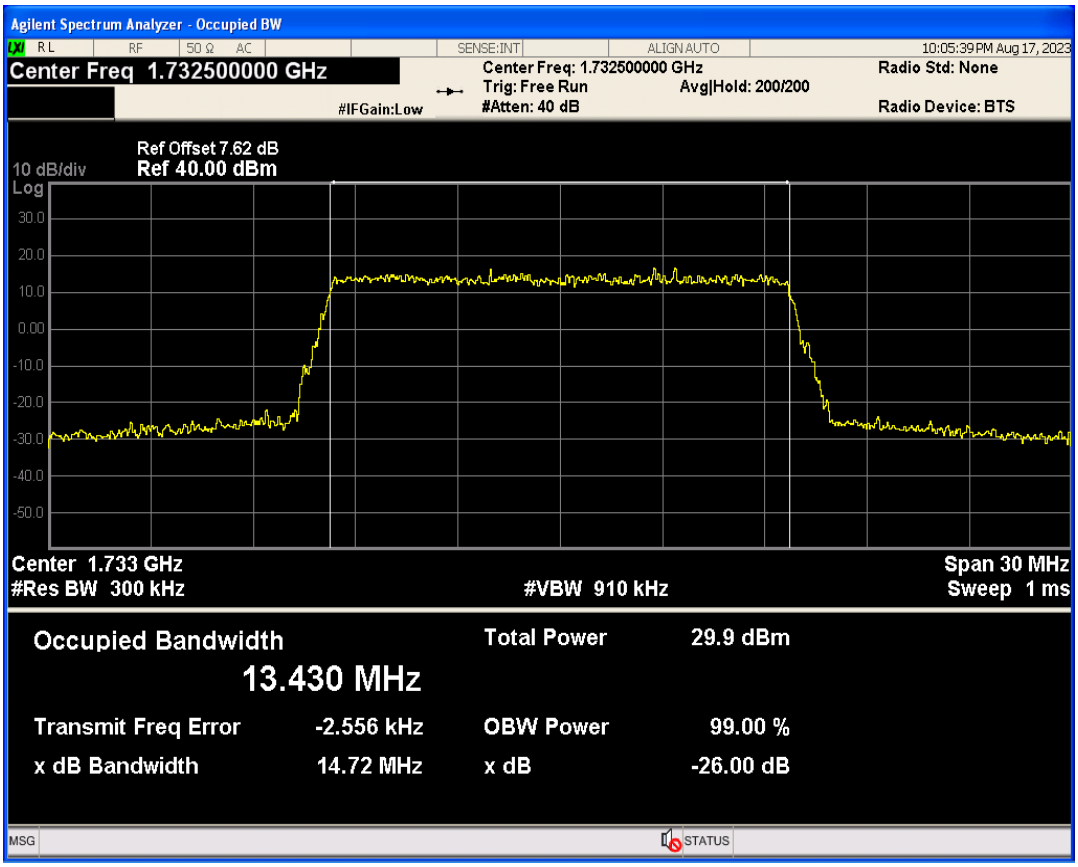
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



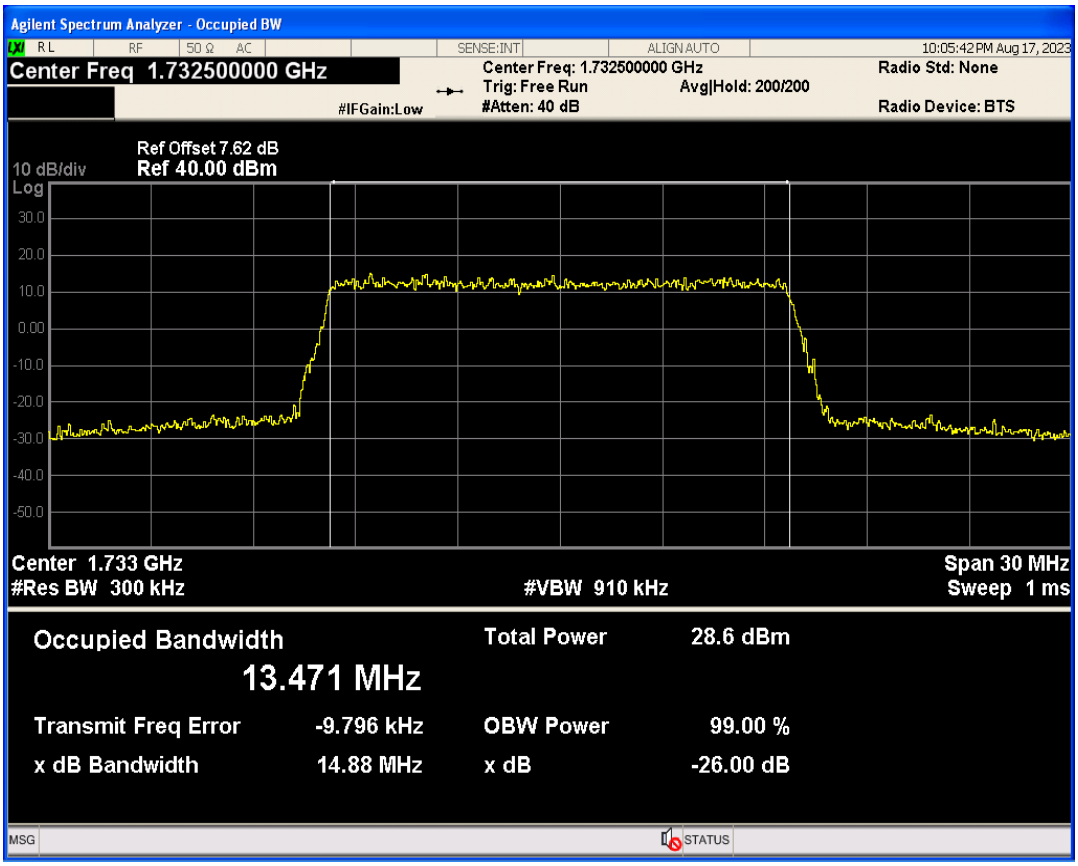
Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0



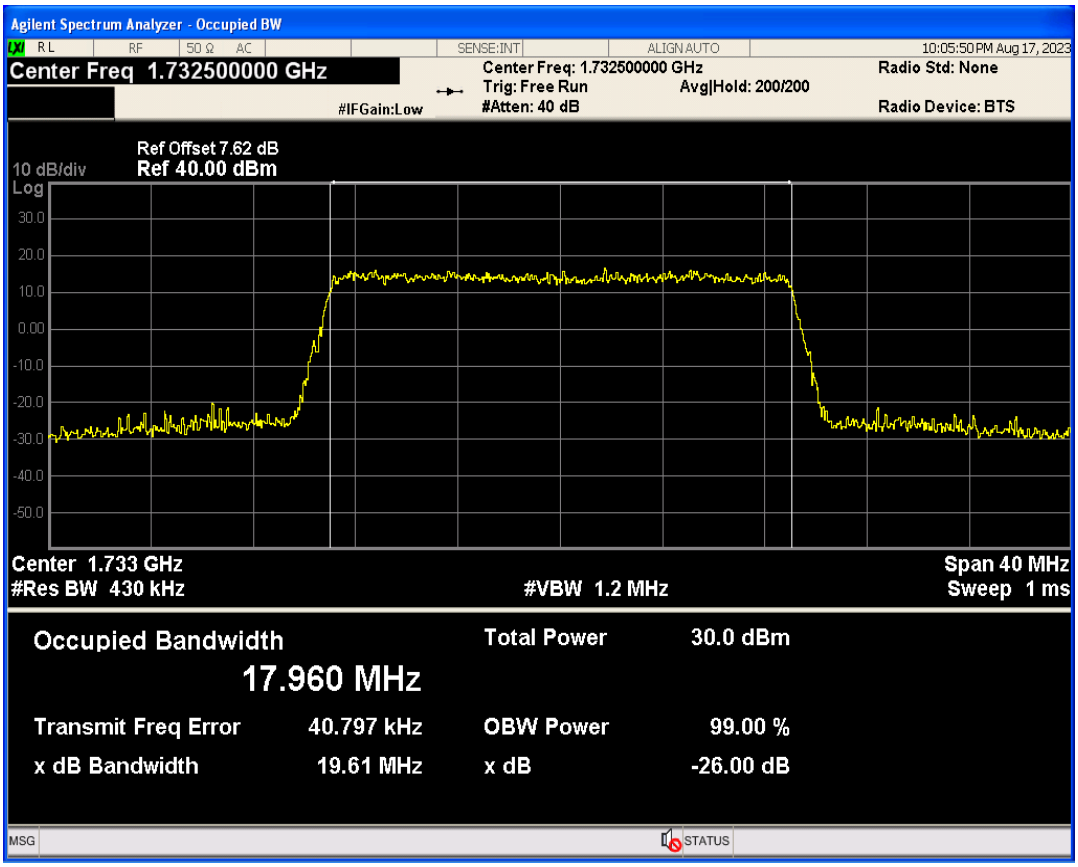
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



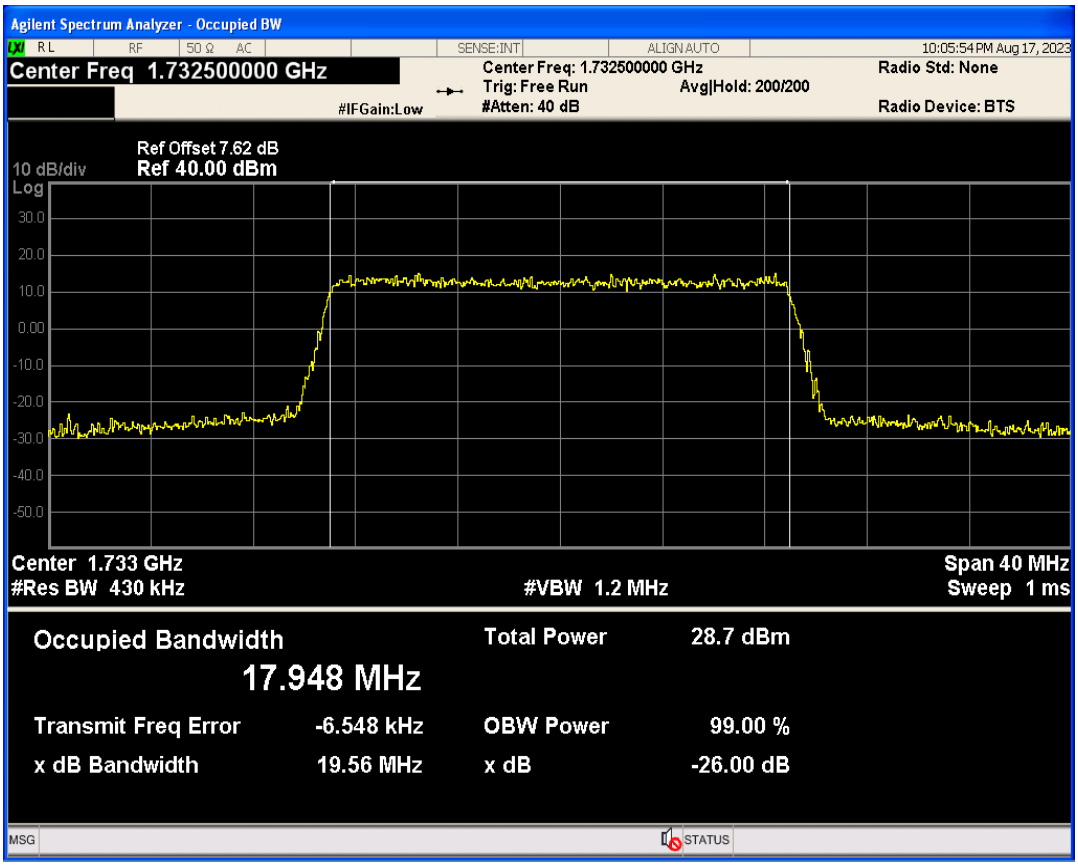
Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0



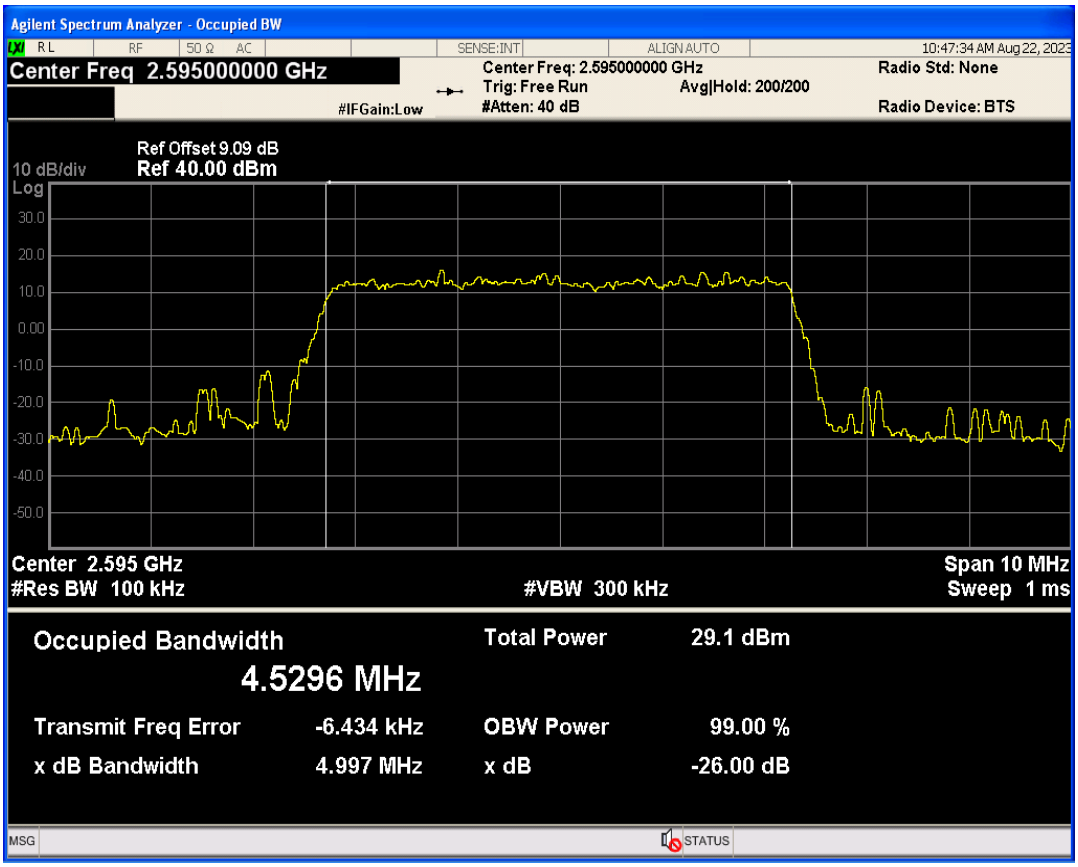
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



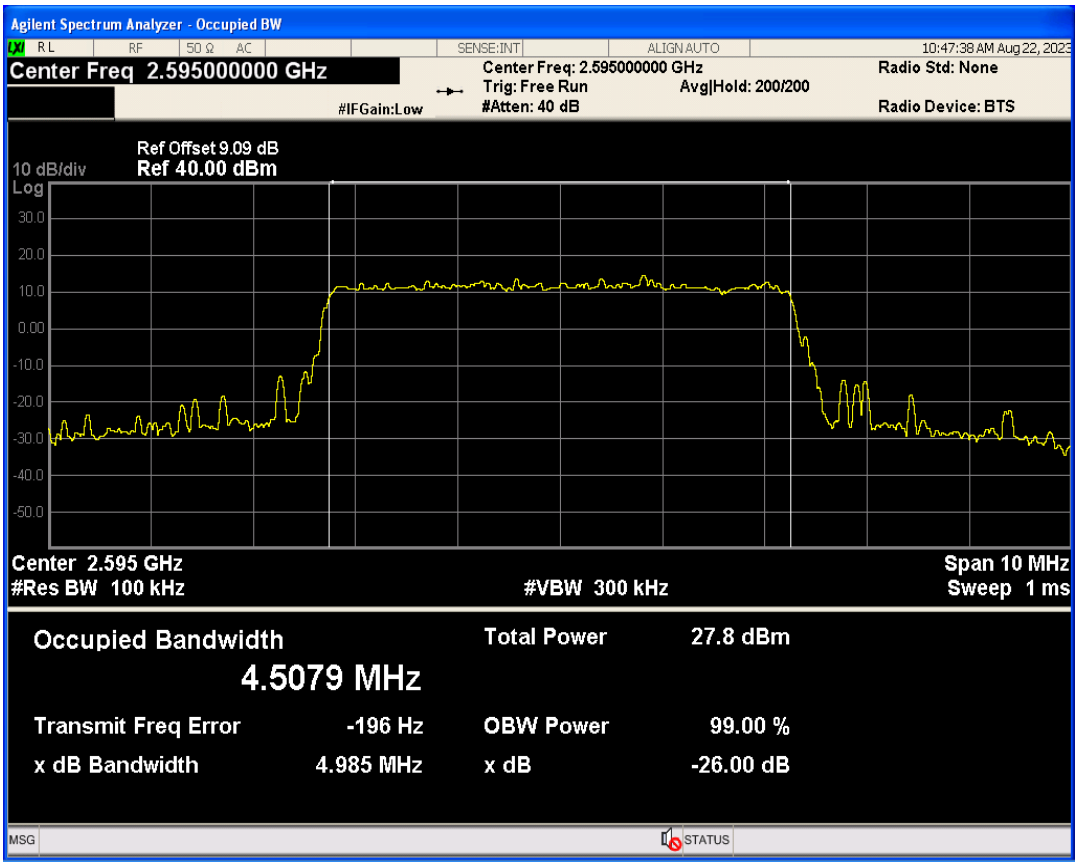
Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0



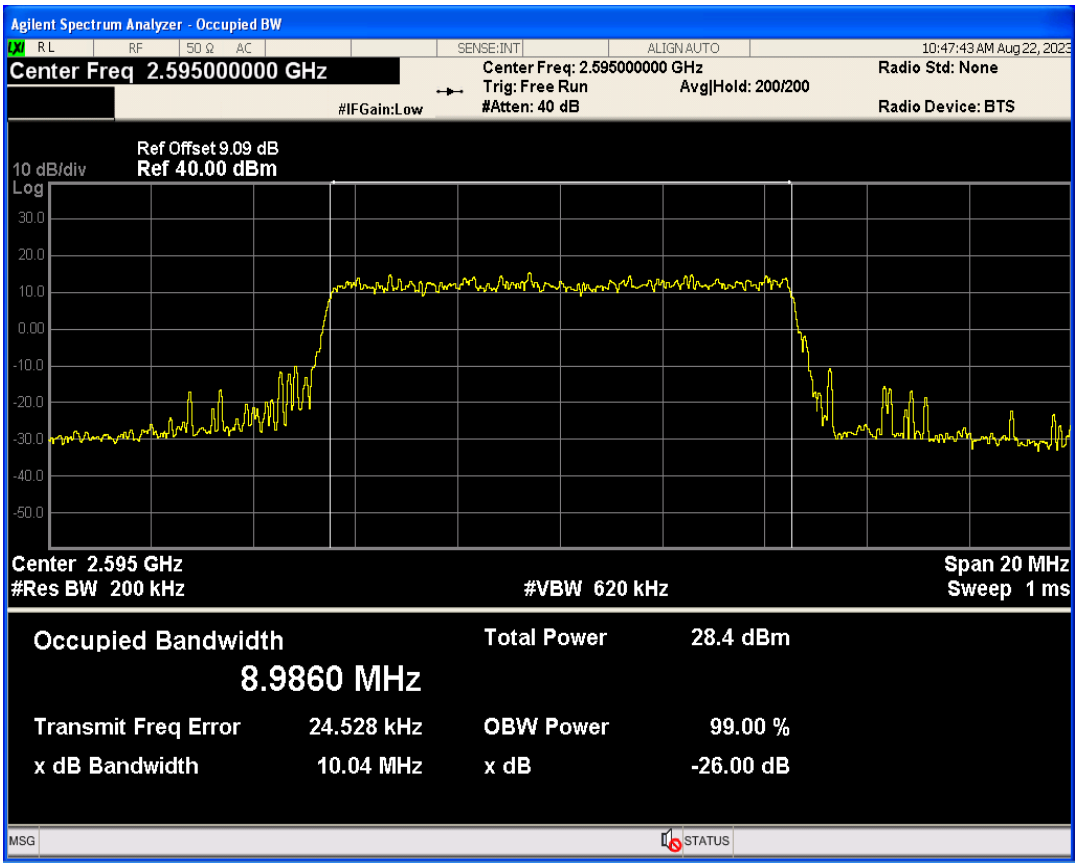
Band41a QPSK BW=5MHz Channel=40640 RB Size=25 Position=#0



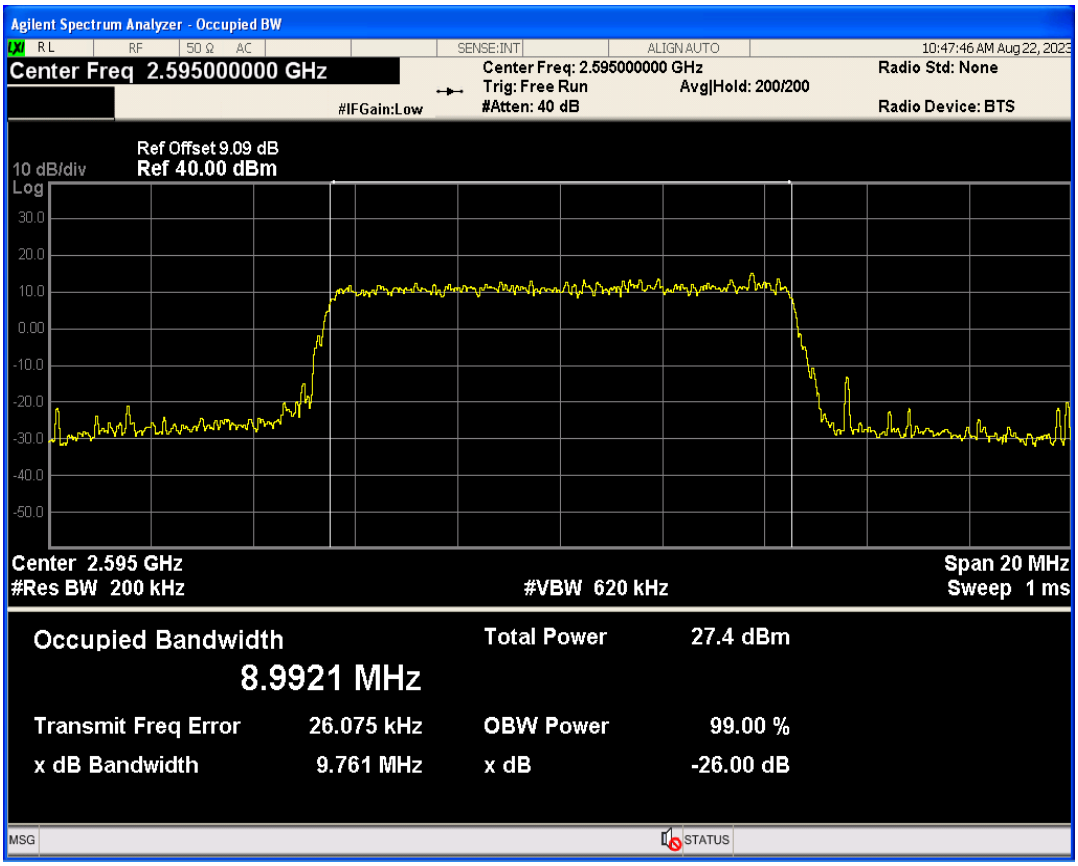
Band41a 16QAM BW=5MHz Channel=40640 RB Size=25 Position=#0



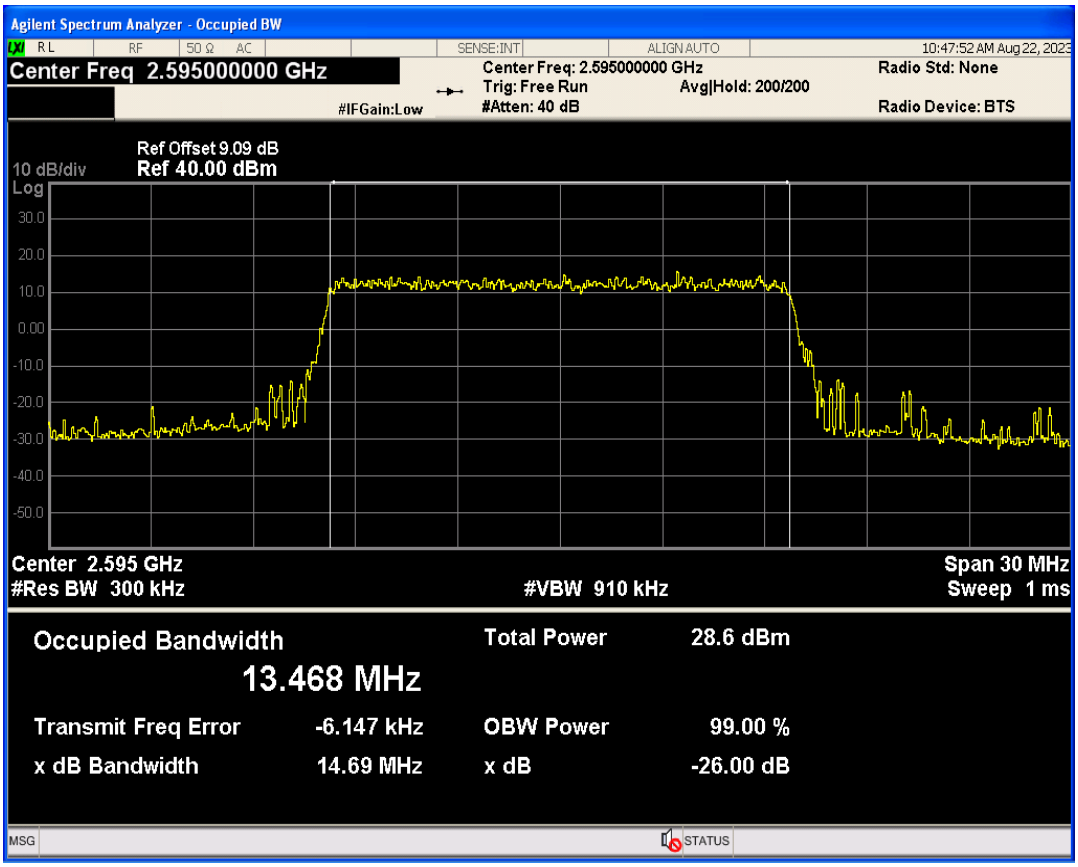
Band41a QPSK BW=10MHz Channel=40640 RB Size=50 Position=#0



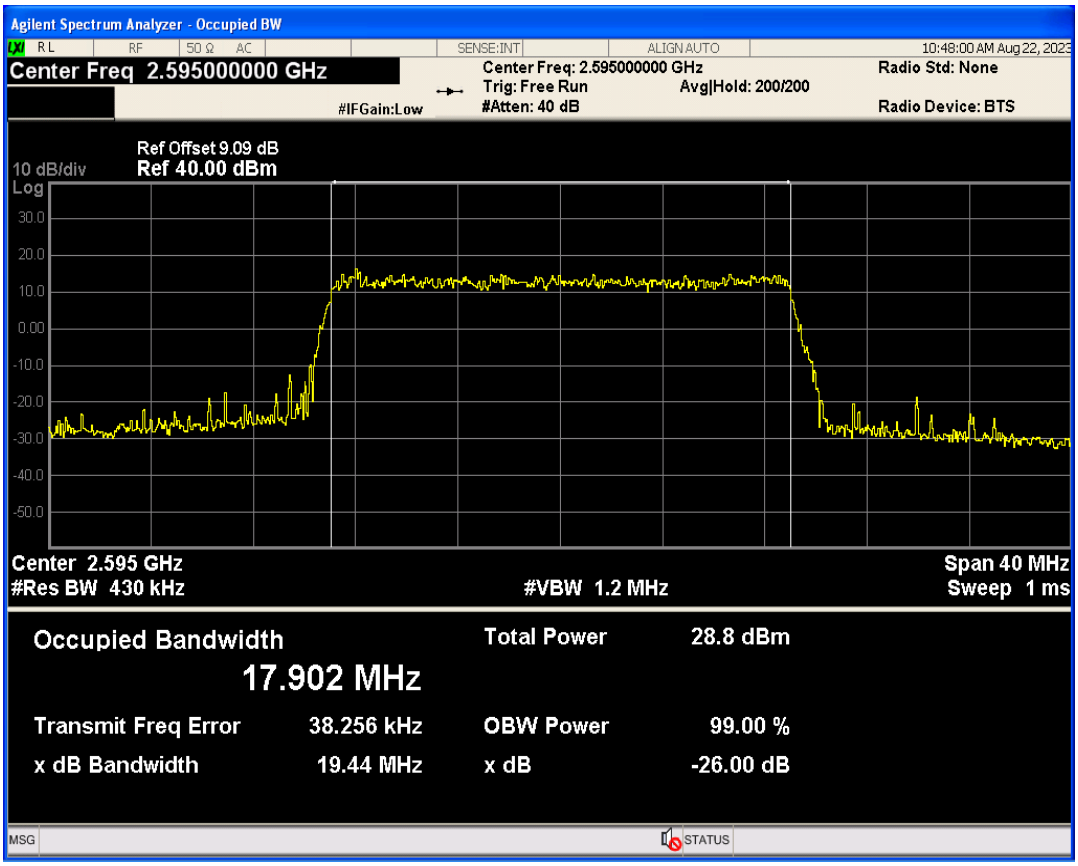
Band41a 16QAM BW=10MHz Channel=40640 RB Size=50 Position=#0



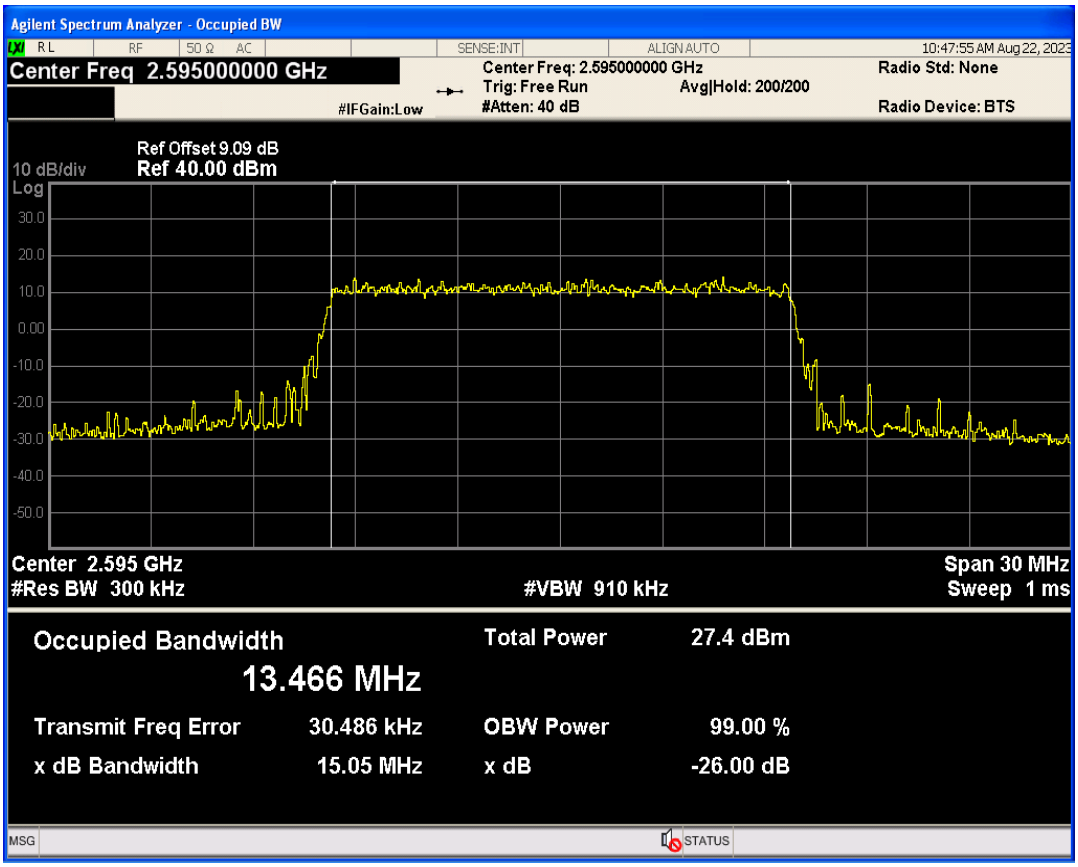
Band41a QPSK BW=15MHz Channel=40640 RB Size=75 Position=#0



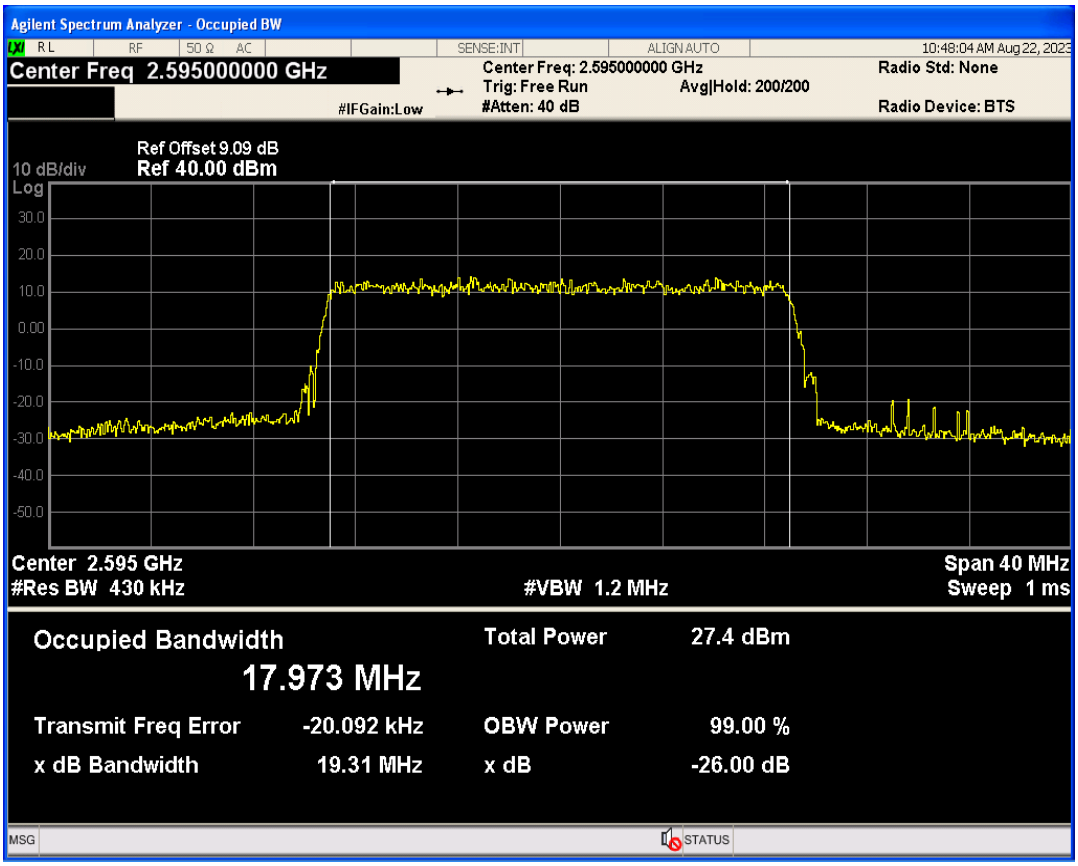
Band41a QPSK BW=20MHz Channel=40640 RB Size=100 Position=#0



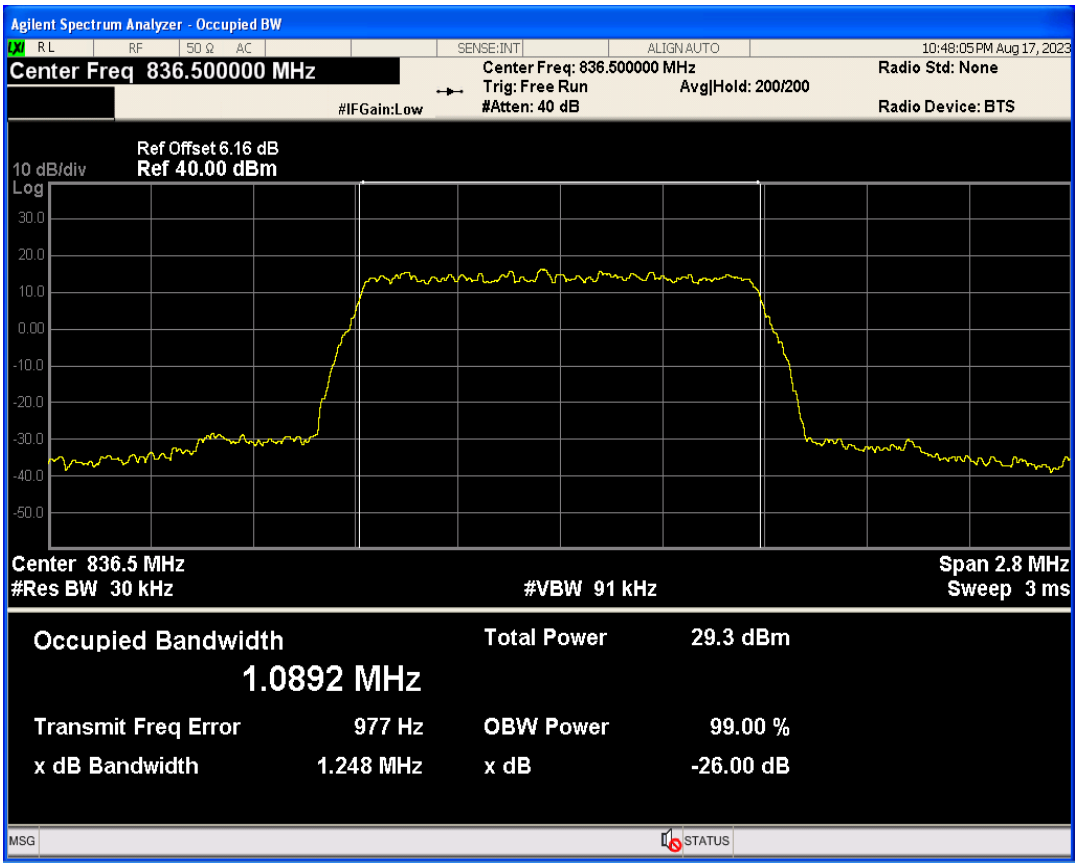
Band41a 16QAM BW=15MHz Channel=40640 RB Size=75 Position=#0



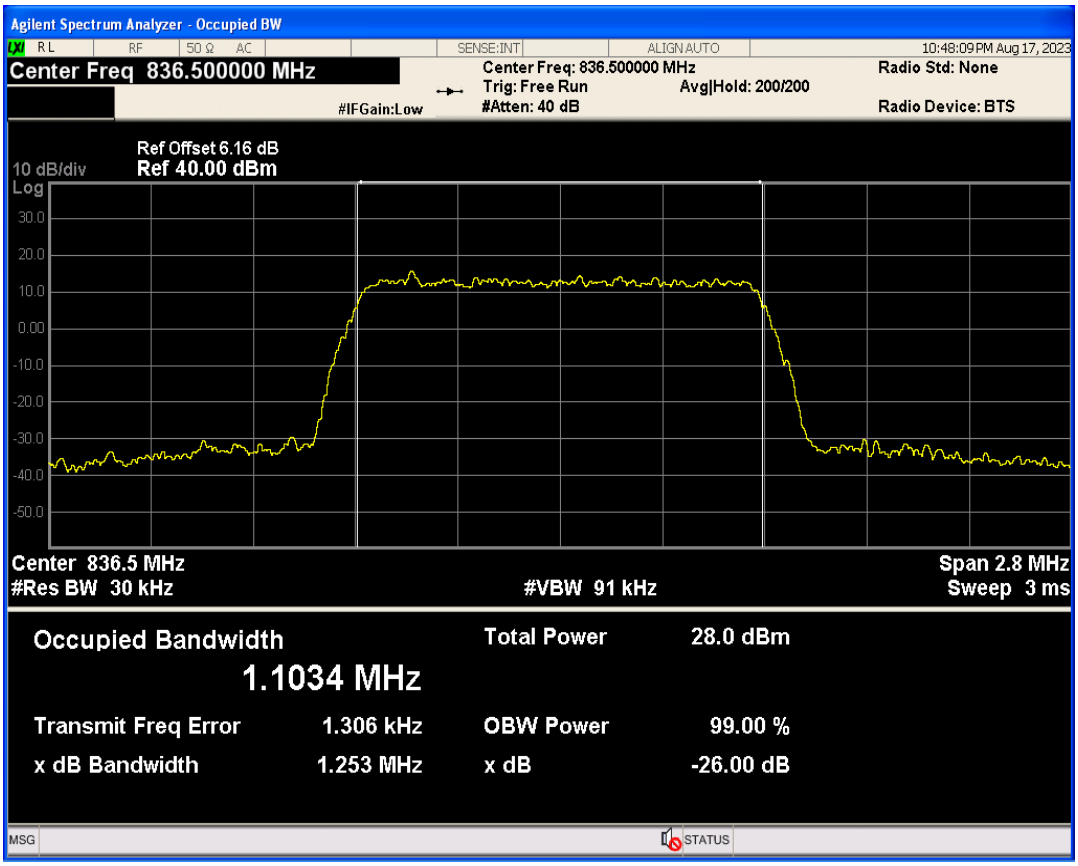
Band41a 16QAM BW=20MHz Channel=40640 RB Size=100 Position=#0



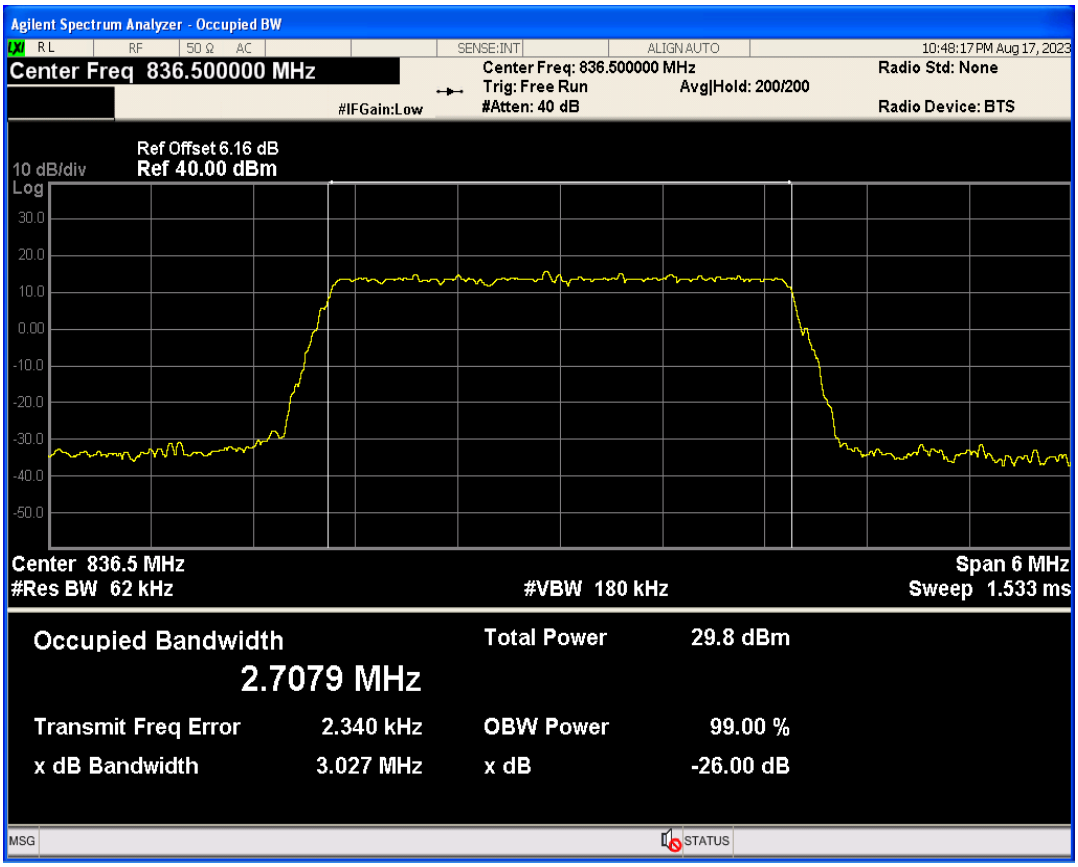
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



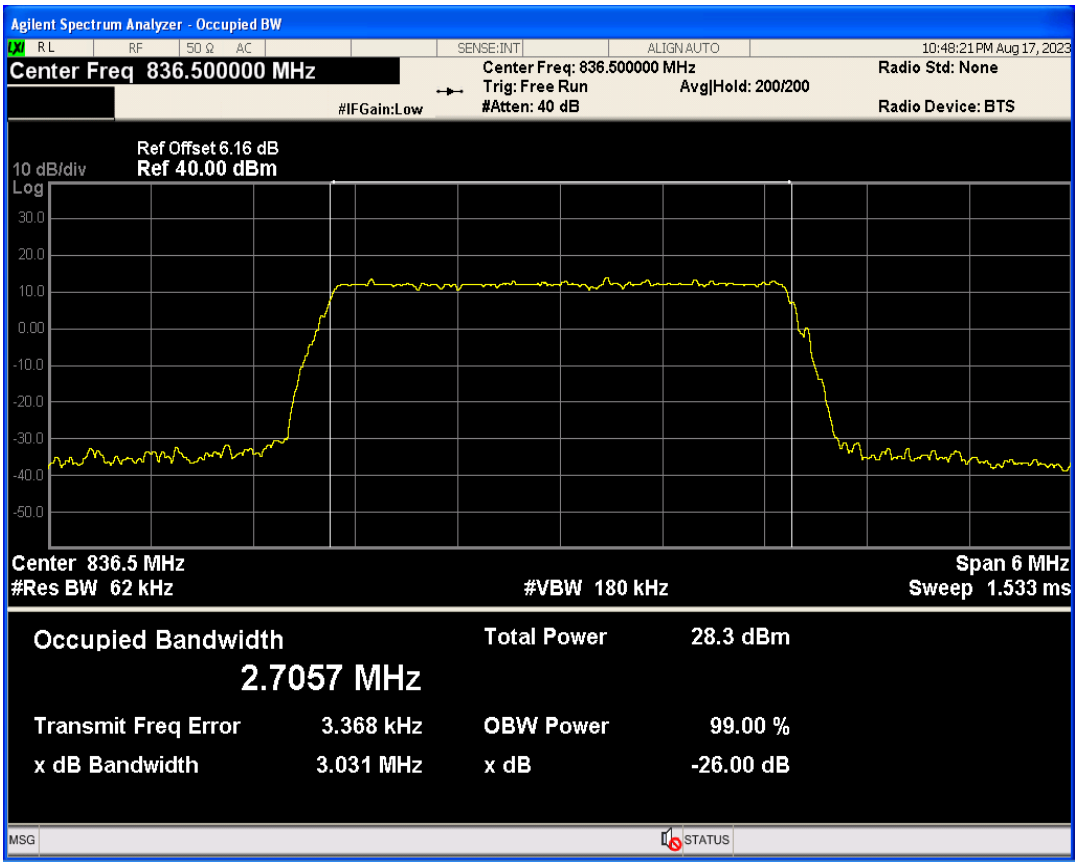
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



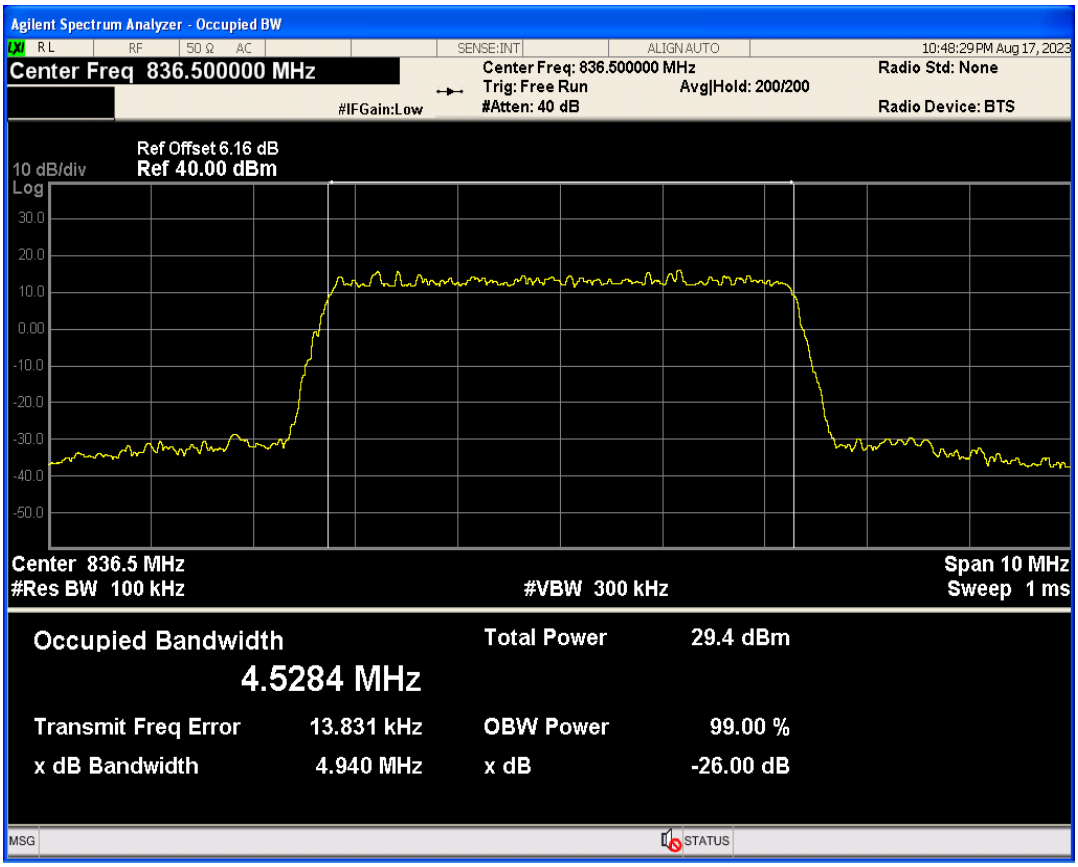
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



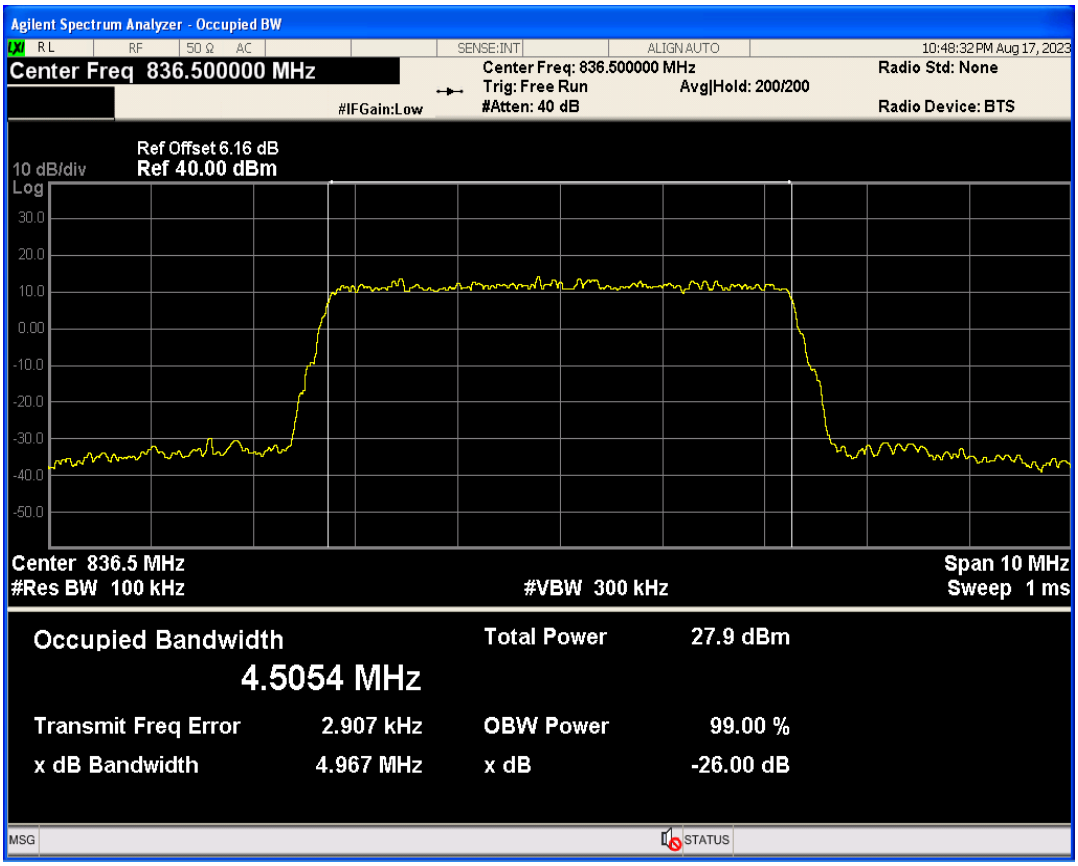
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



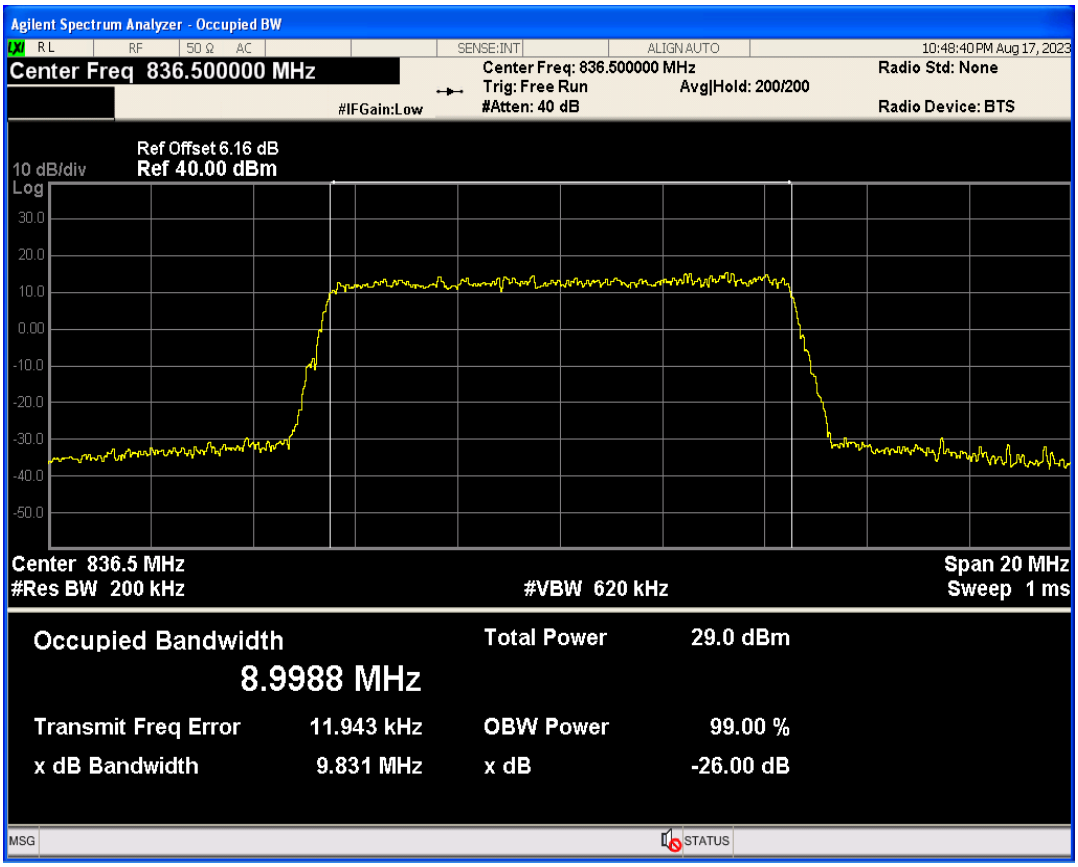
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



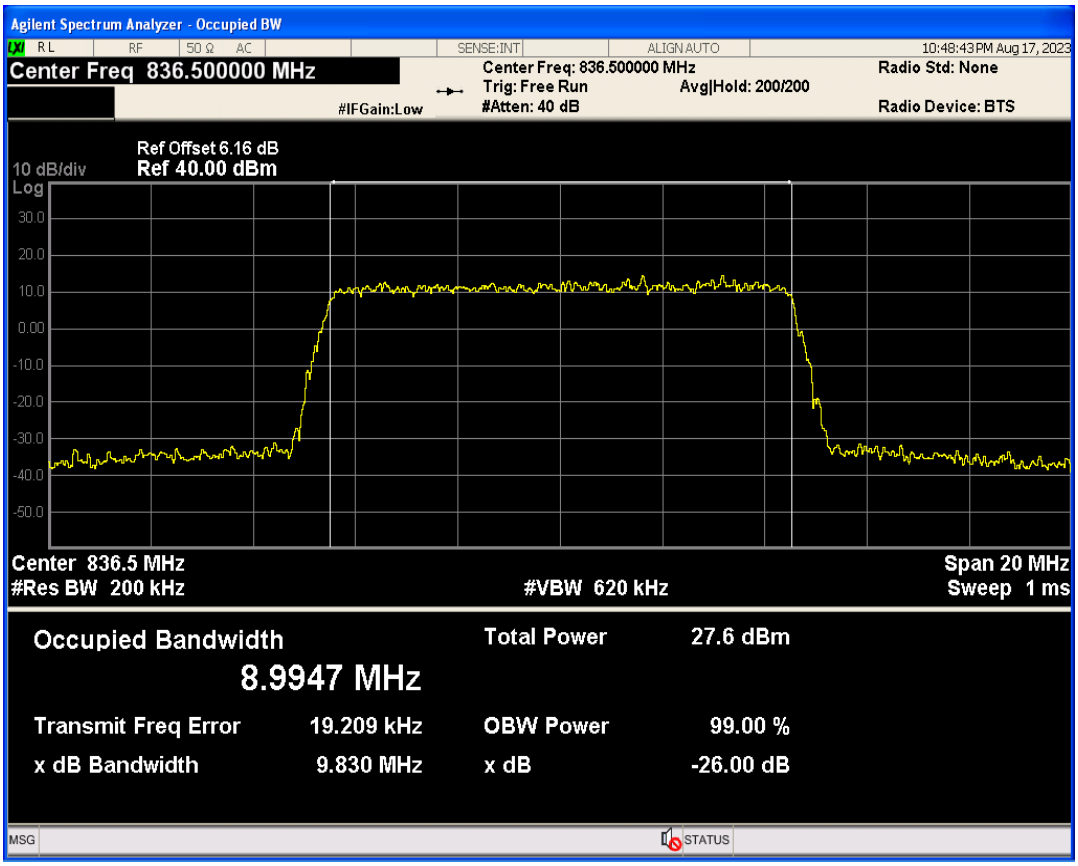
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



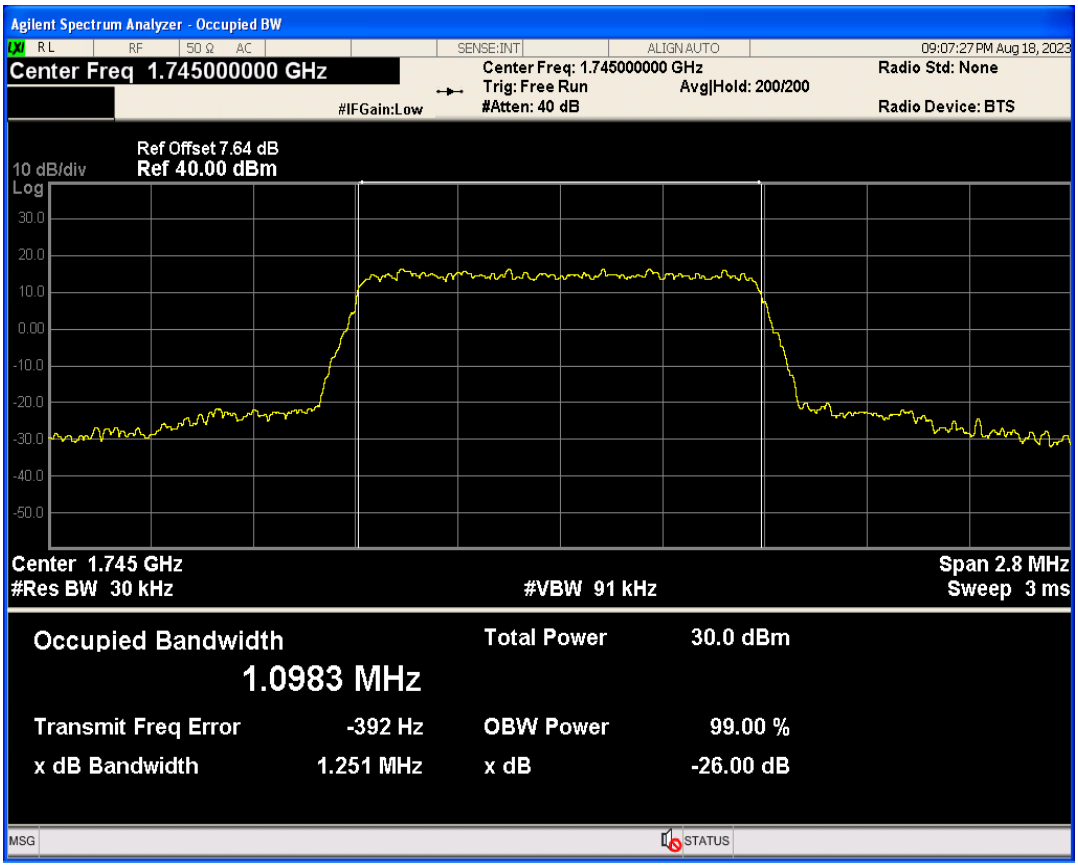
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



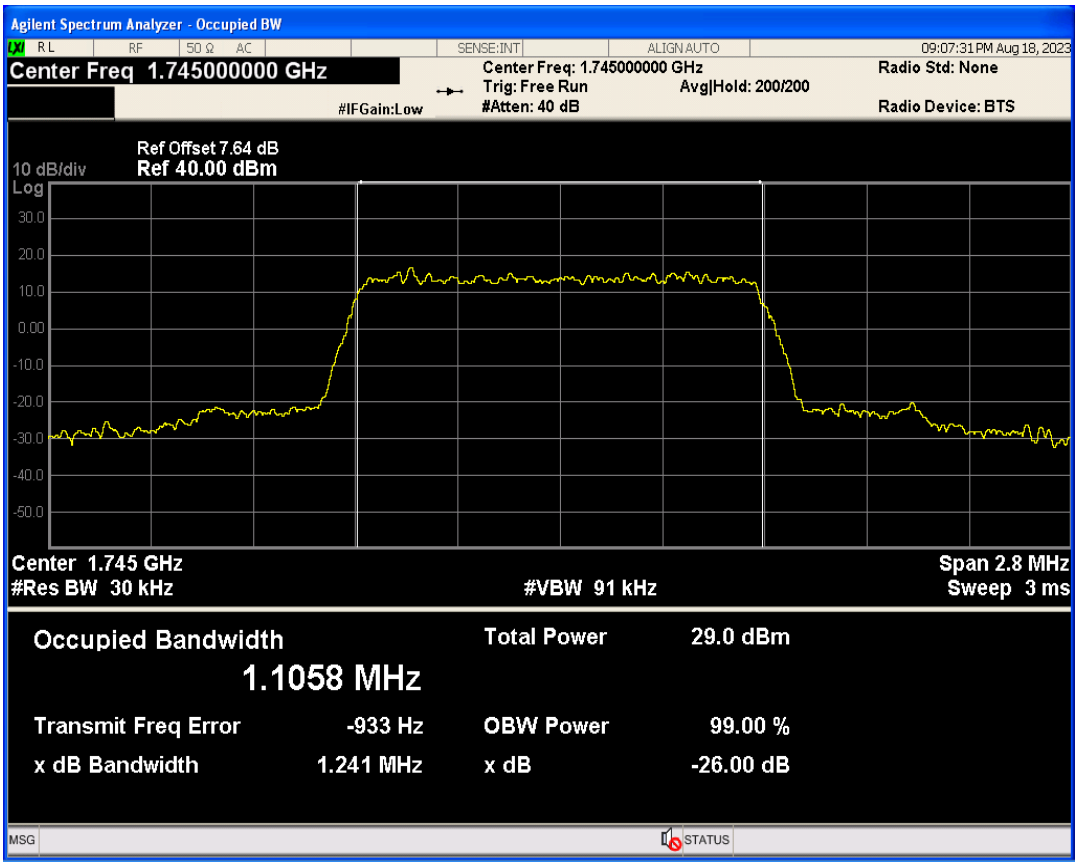
Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0



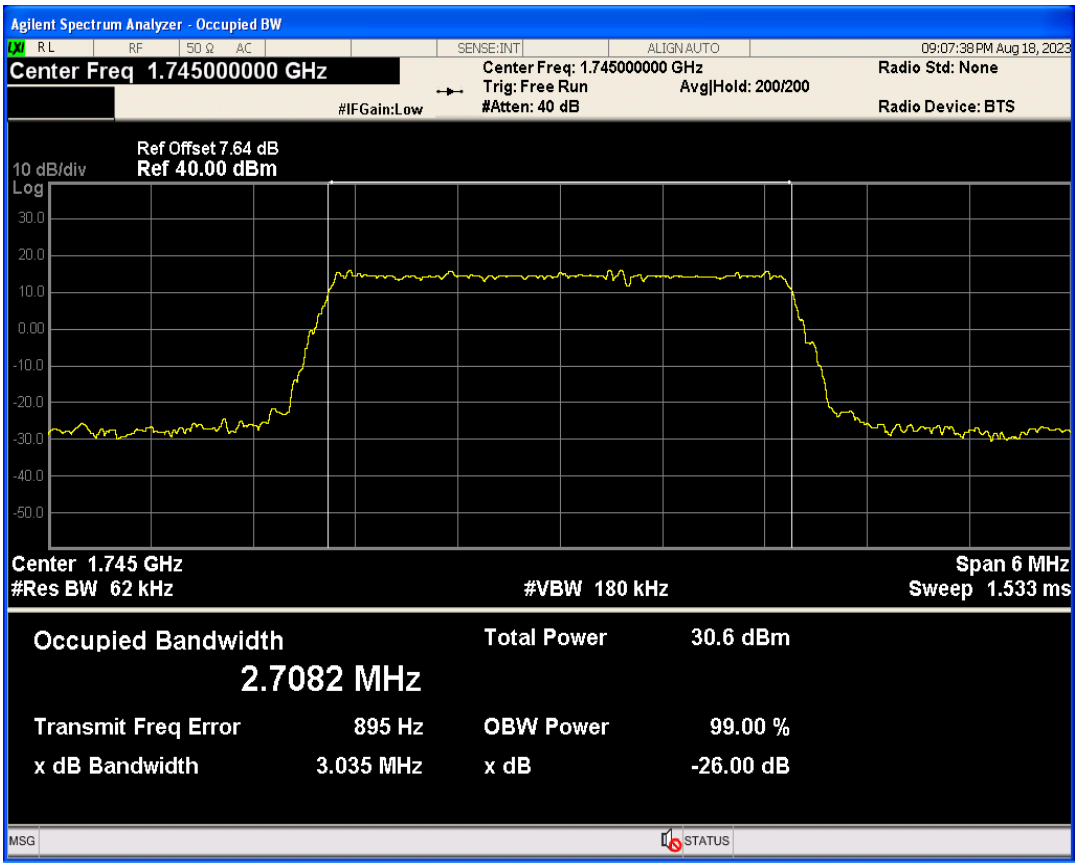
Band66 QPSK BW=1.4MHz Channel=132322 RB Size=6 Position=#0



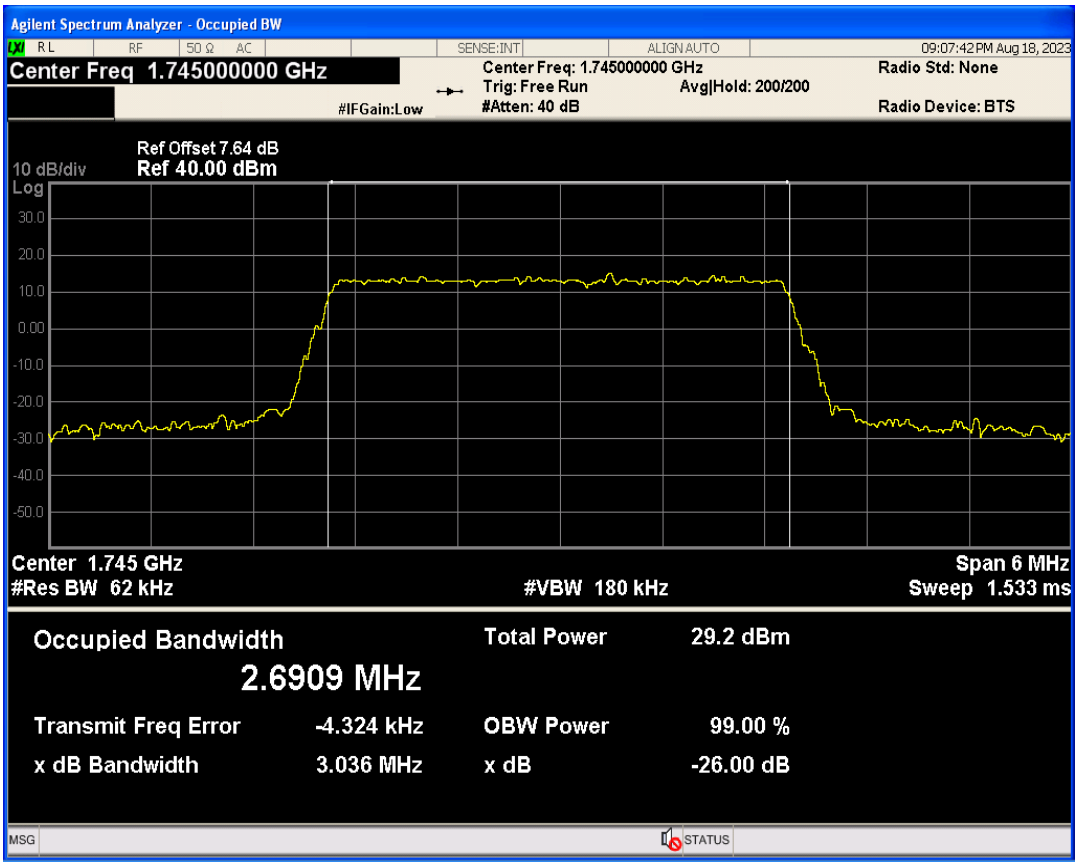
Band66 16QAM BW=1.4MHz Channel=132322 RB Size=6 Position=#0



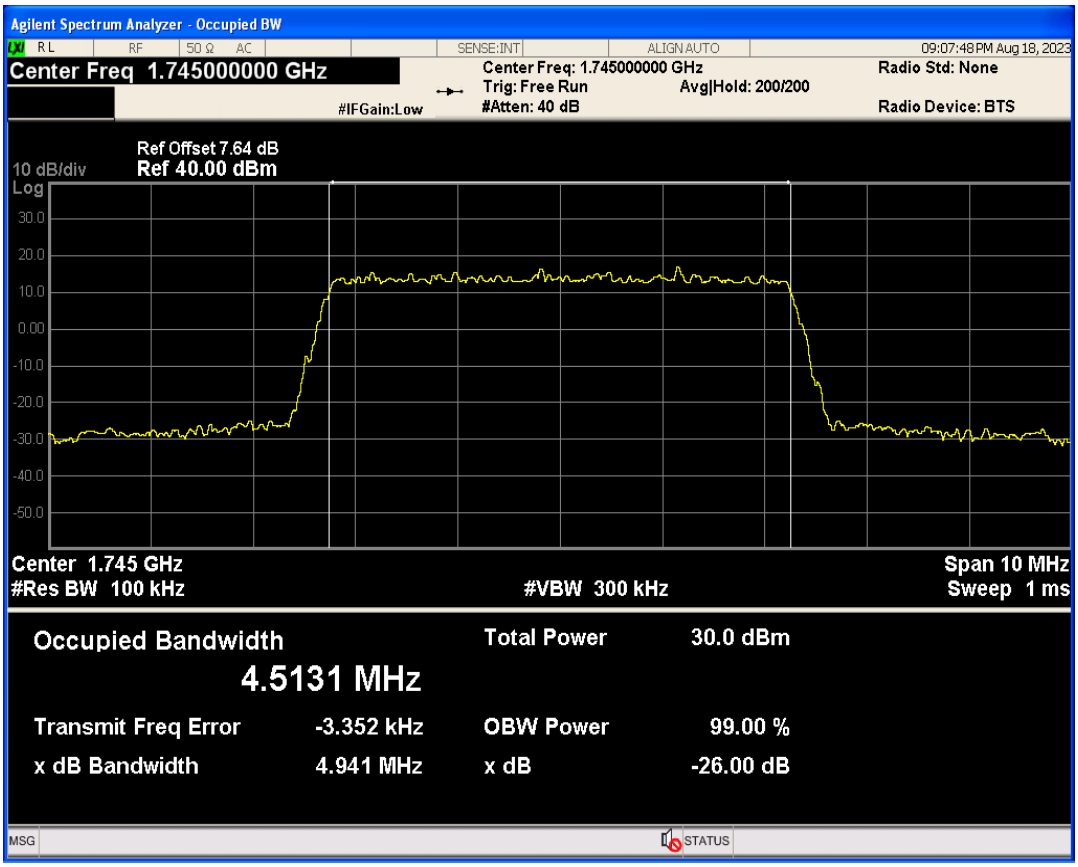
Band66 QPSK BW=3MHz Channel=132322 RB Size=15 Position=#0



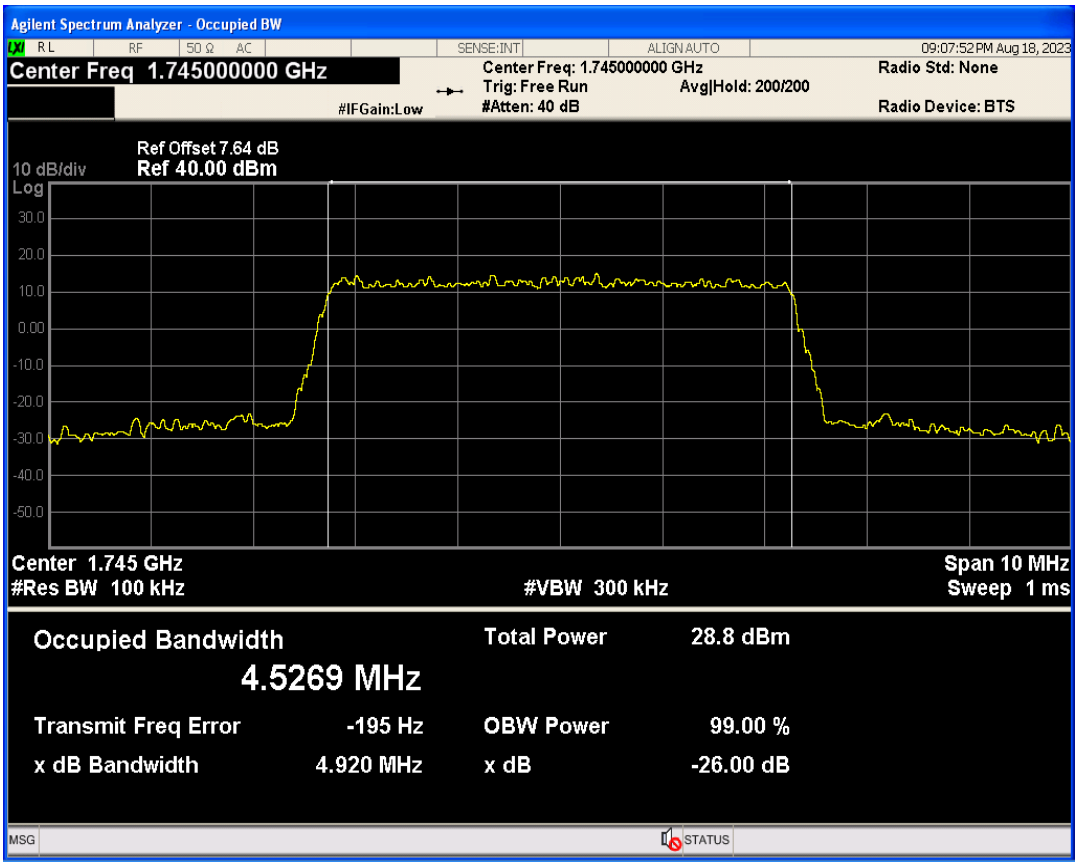
Band66 16QAM BW=3MHz Channel=132322 RB Size=15 Position=#0



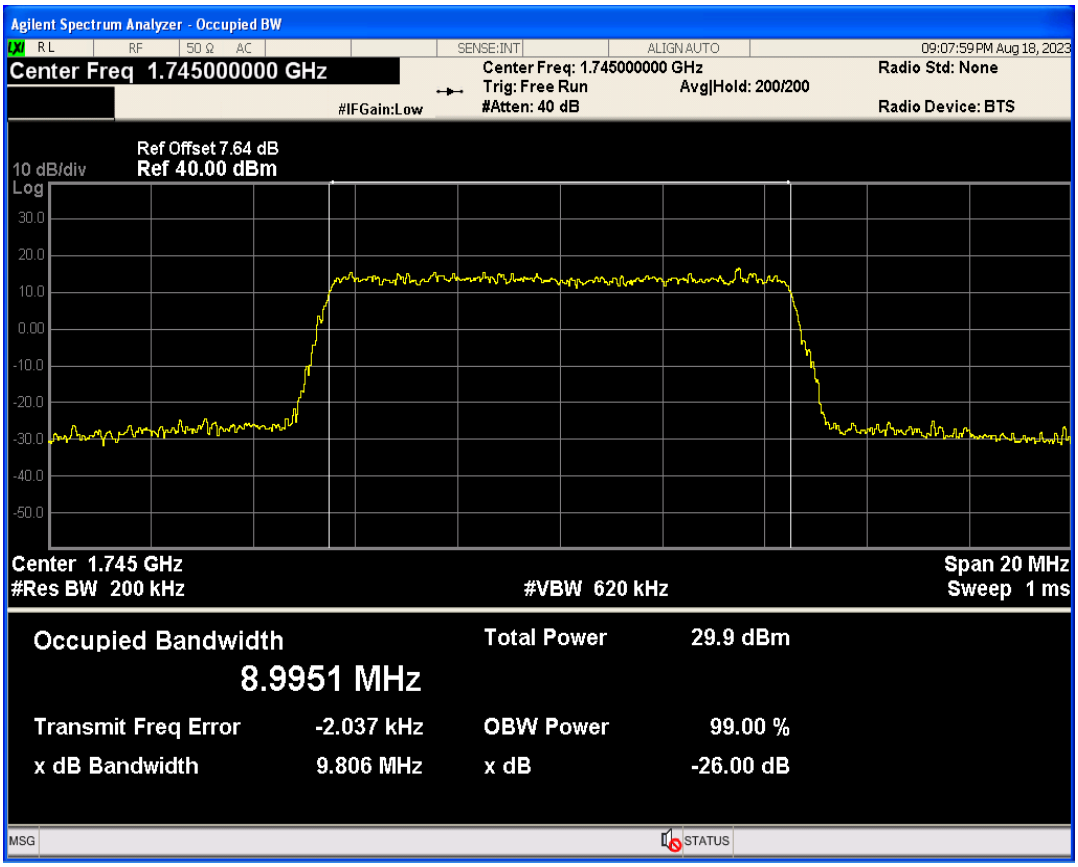
Band66 QPSK BW=5MHz Channel=132322 RB Size=25 Position=#0



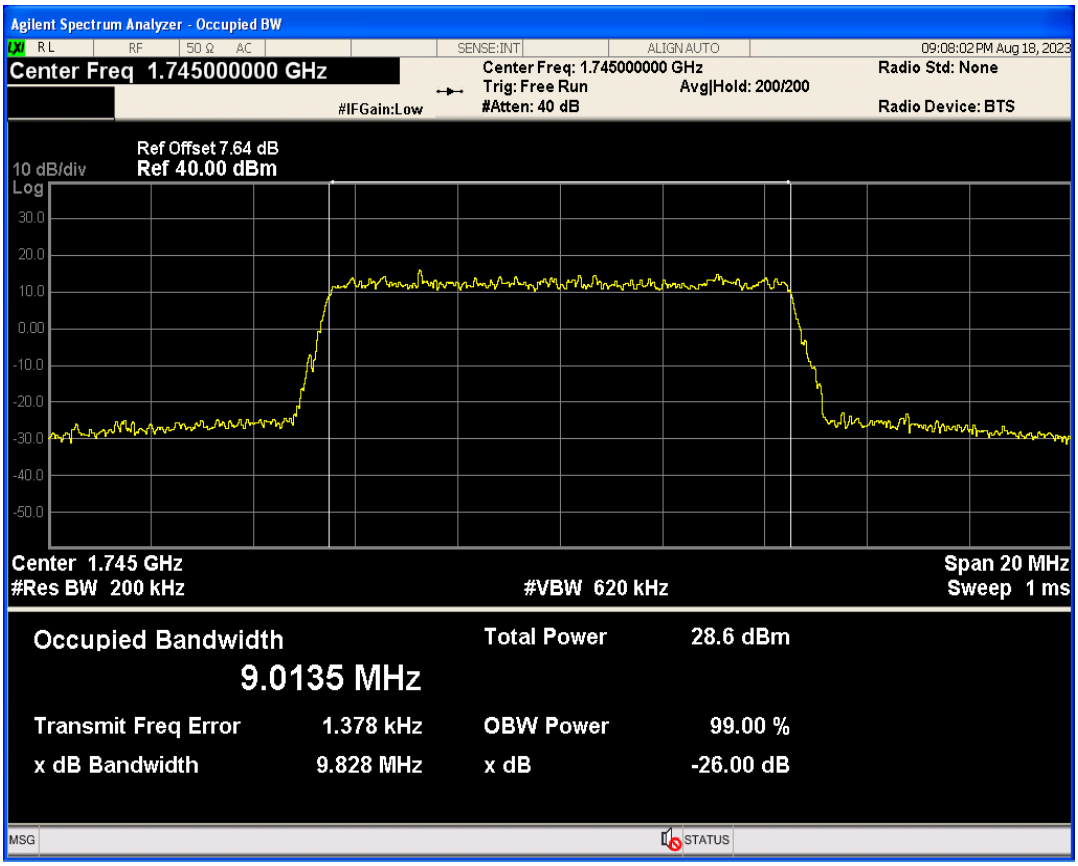
Band66 16QAM BW=5MHz Channel=132322 RB Size=25 Position=#0



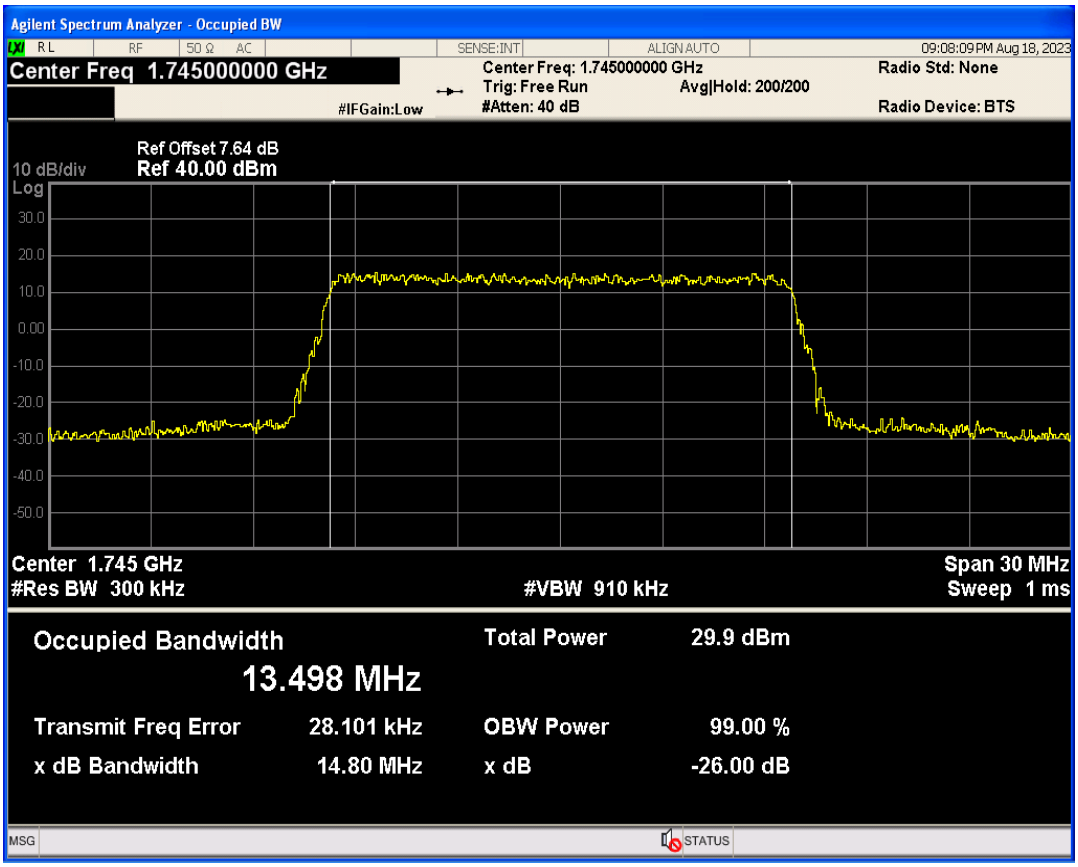
Band66 QPSK BW=10MHz Channel=132322 RB Size=50 Position=#0



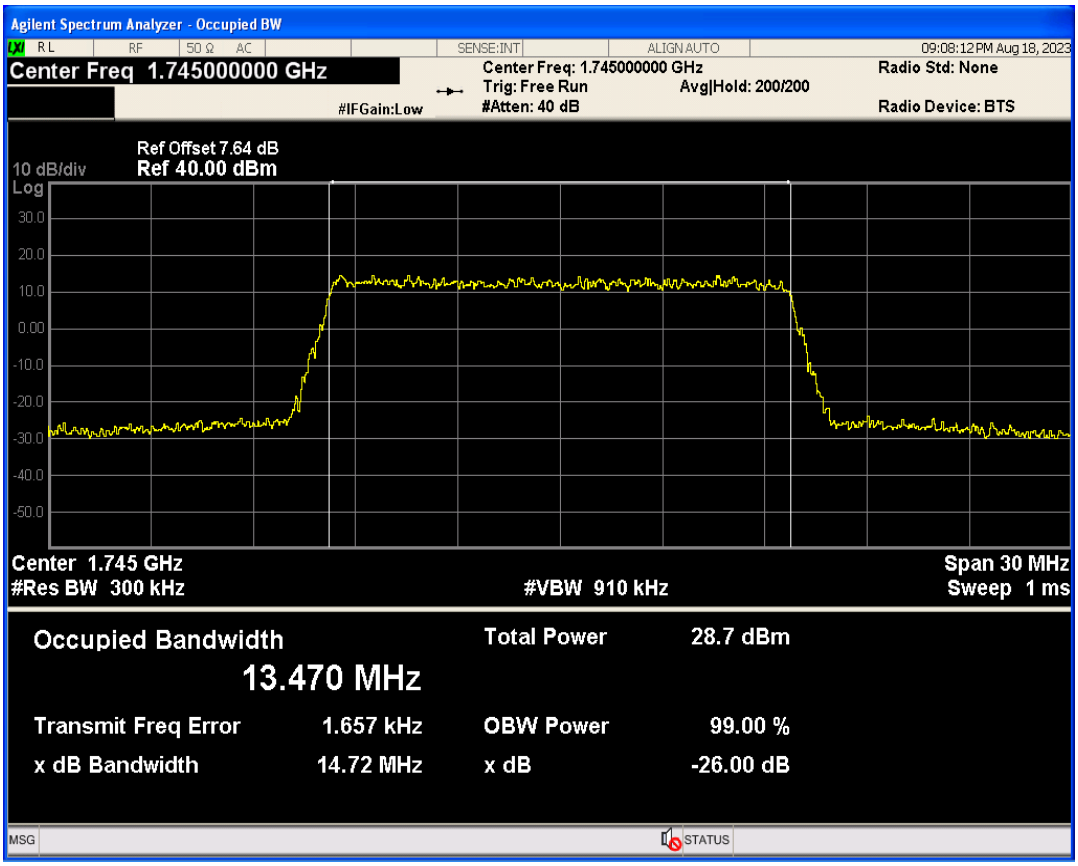
Band66 16QAM BW=10MHz Channel=132322 RB Size=50 Position=#0



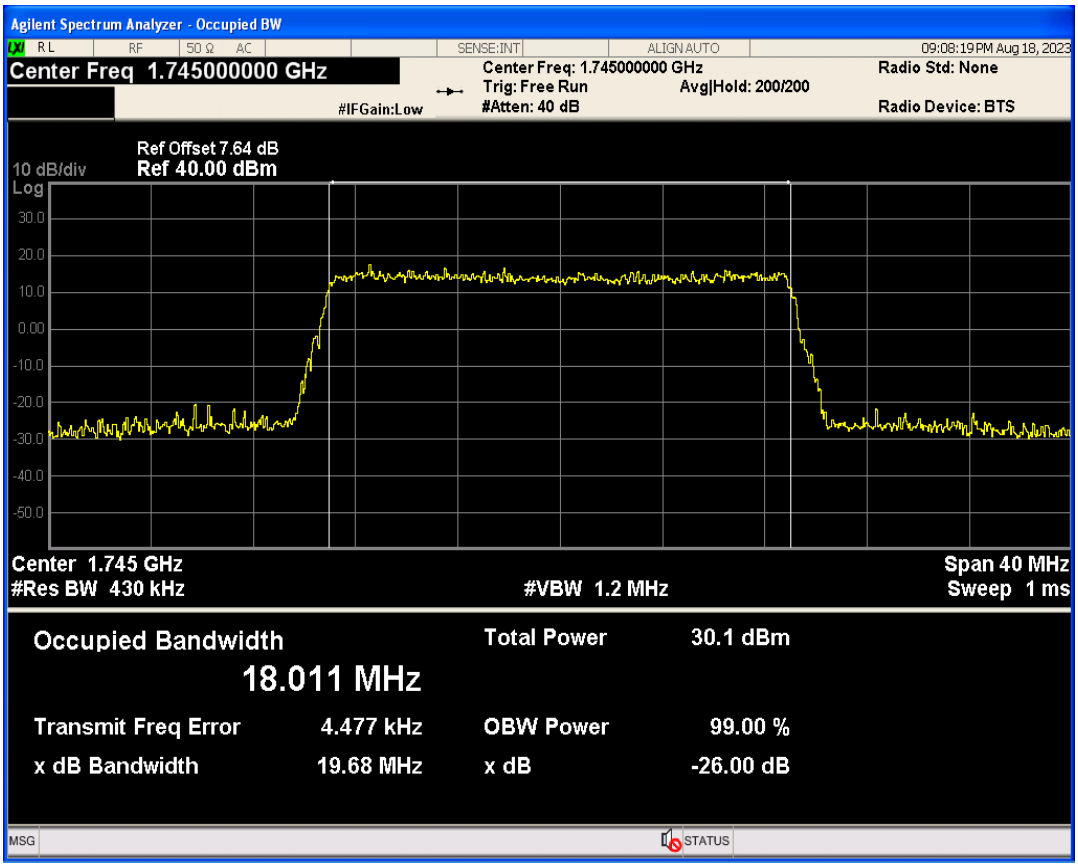
Band66 QPSK BW=15MHz Channel=132322 RB Size=75 Position=#0



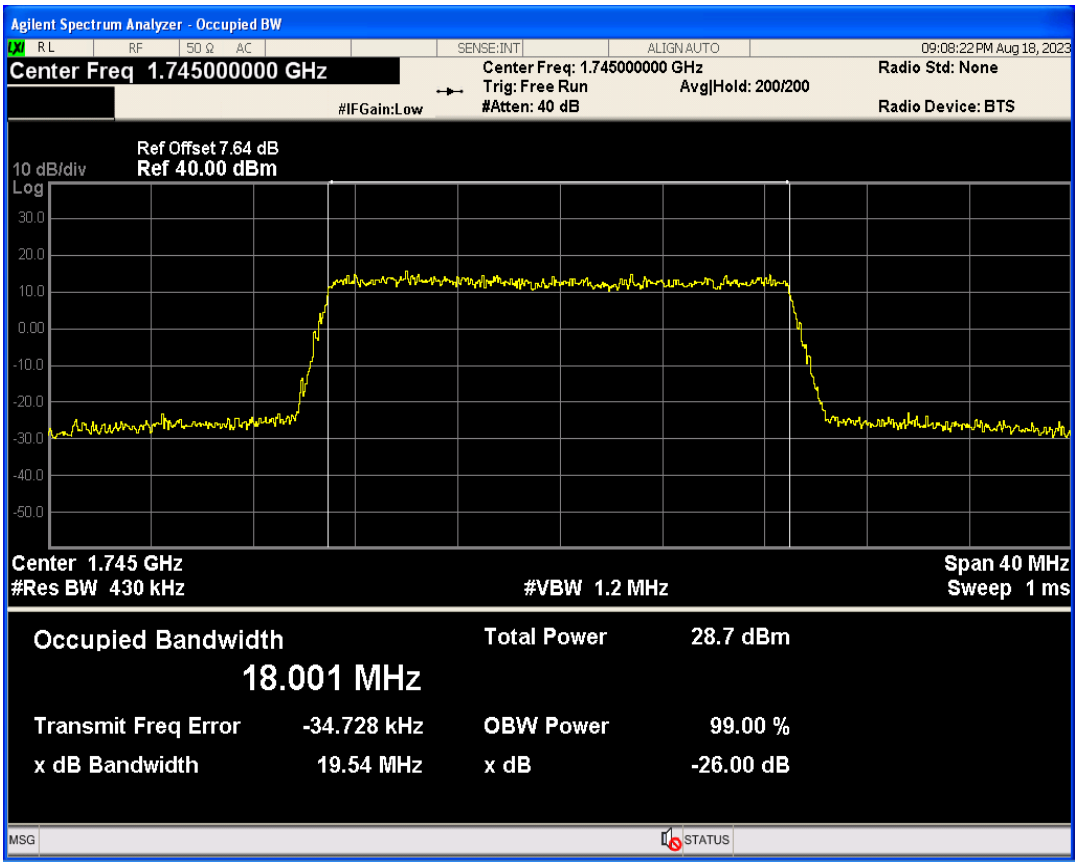
Band66 16QAM BW=15MHz Channel=132322 RB Size=75 Position=#0



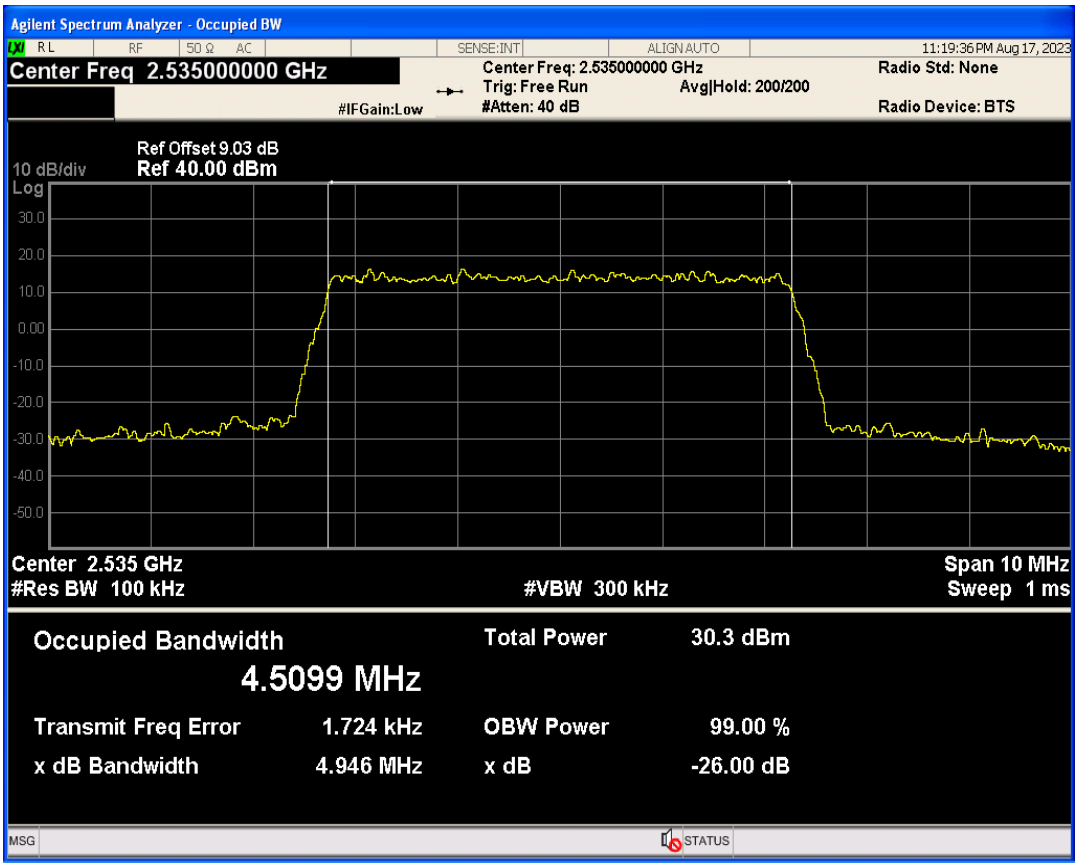
Band66 QPSK BW=20MHz Channel=132322 RB Size=100 Position=#0



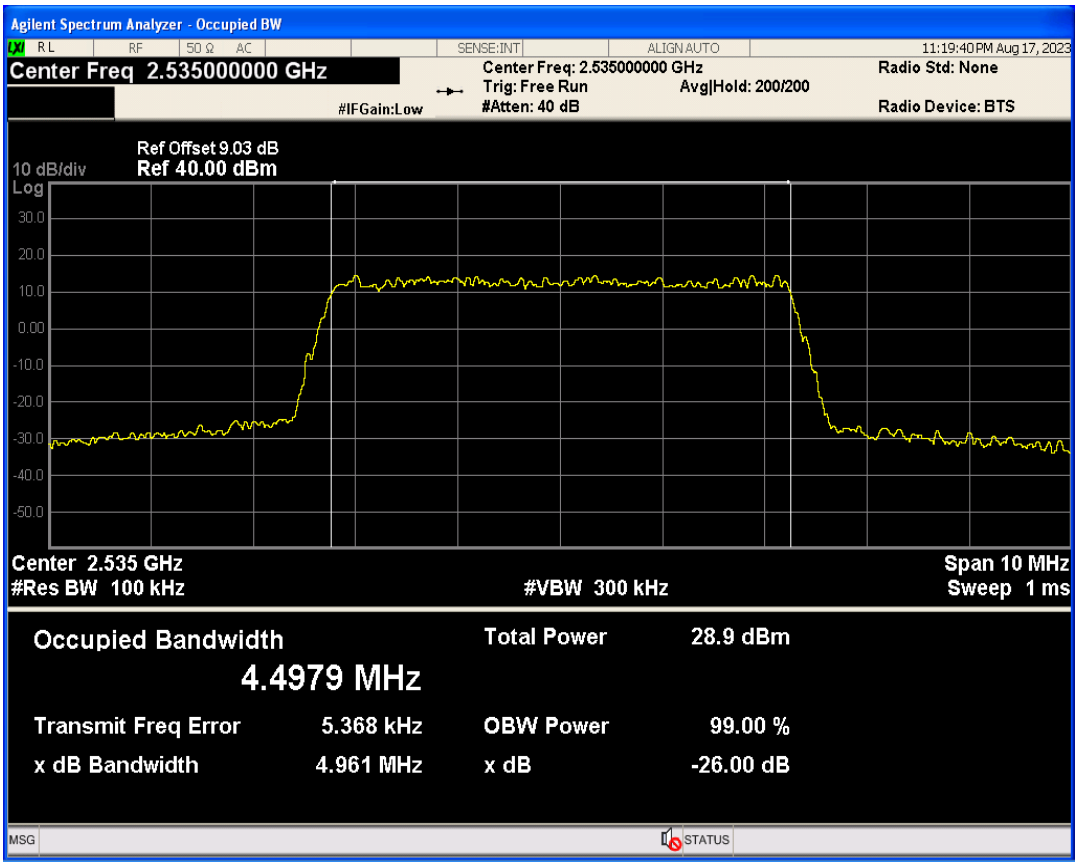
Band66 16QAM BW=20MHz Channel=132322 RB Size=100 Position=#0



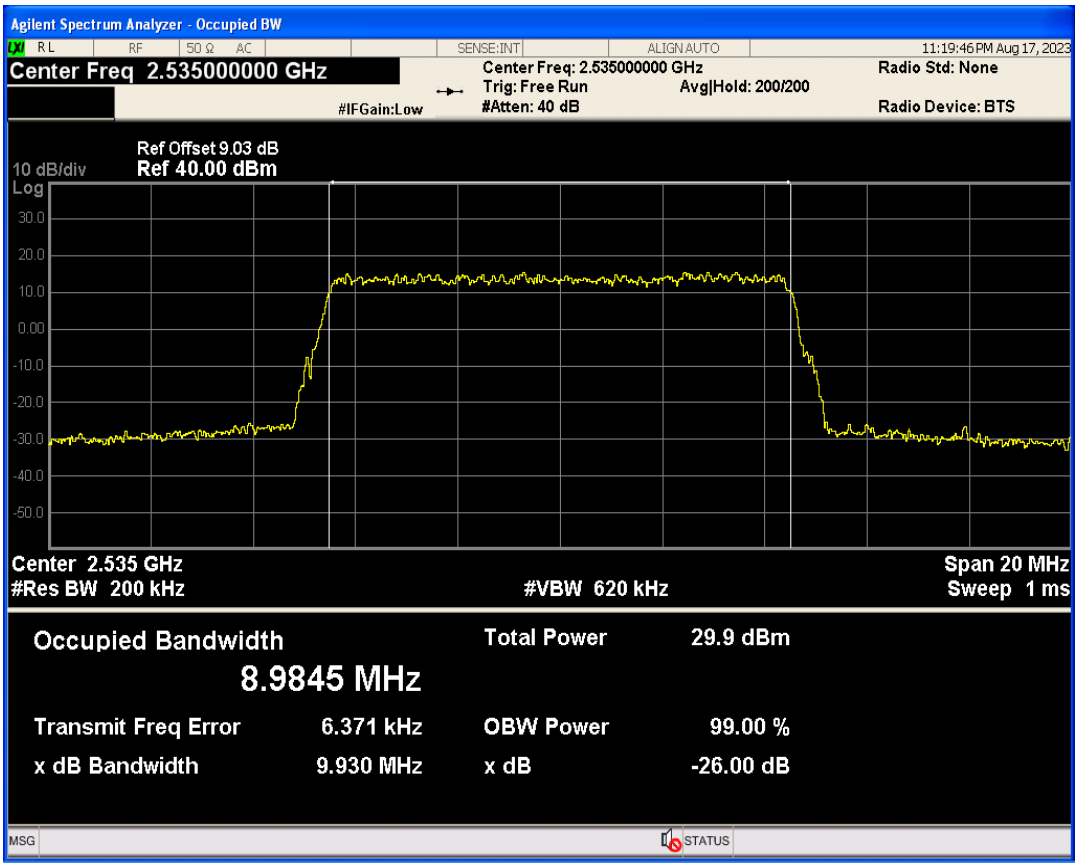
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



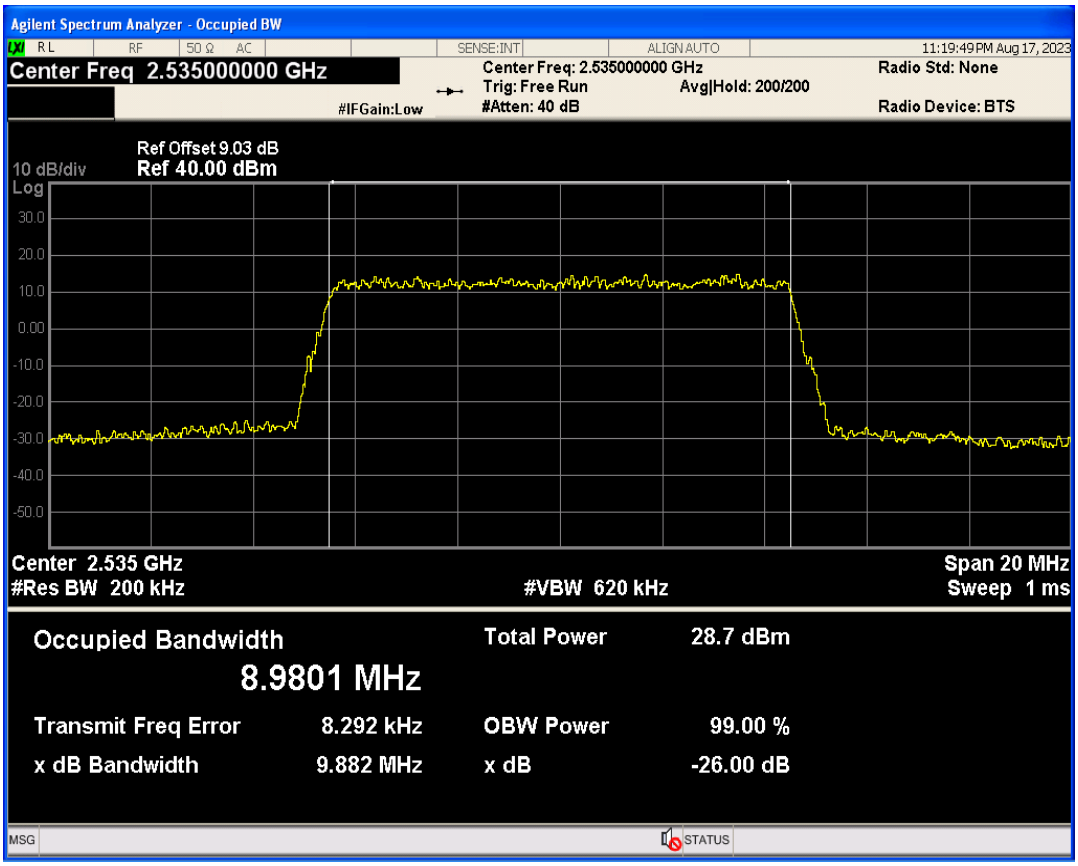
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0



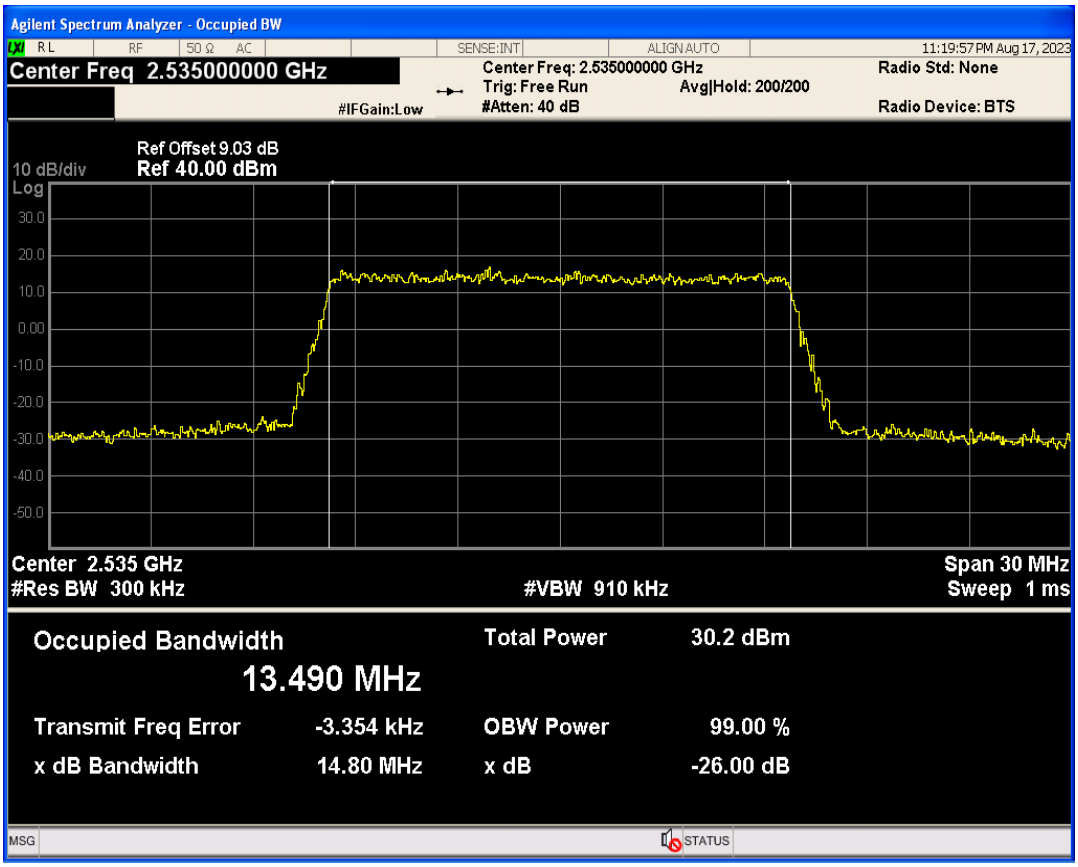
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



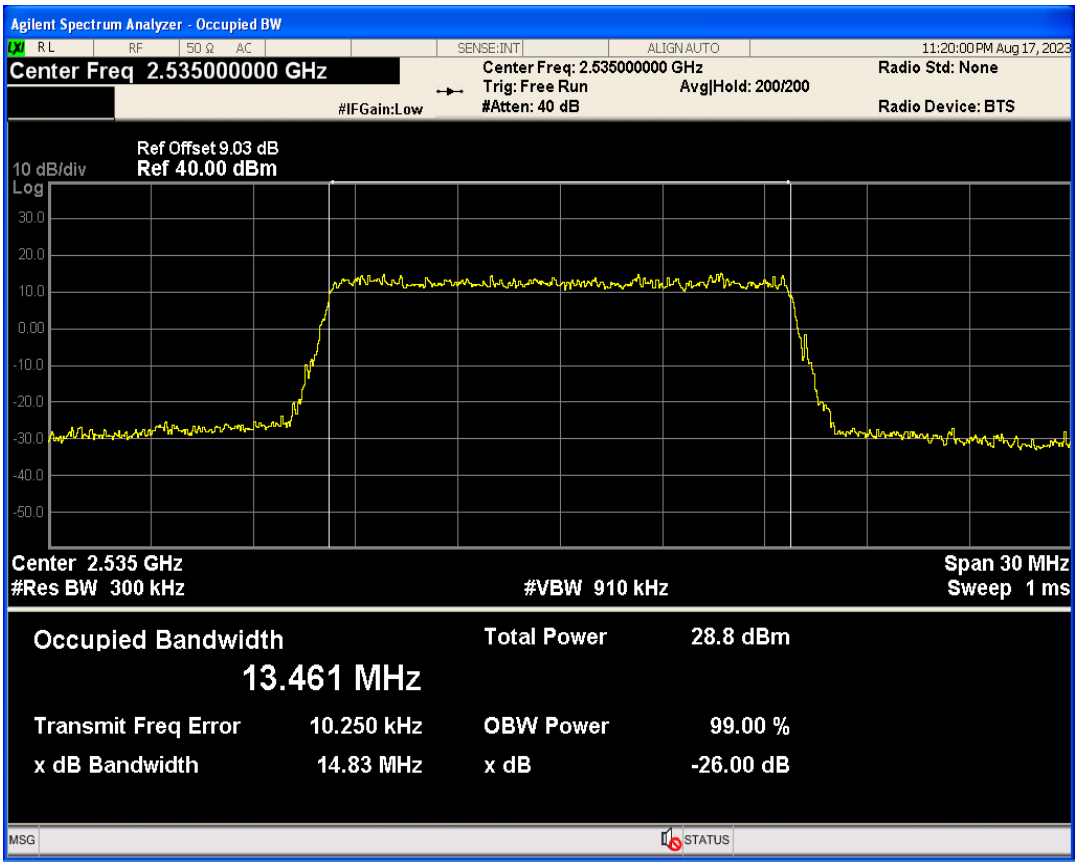
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0



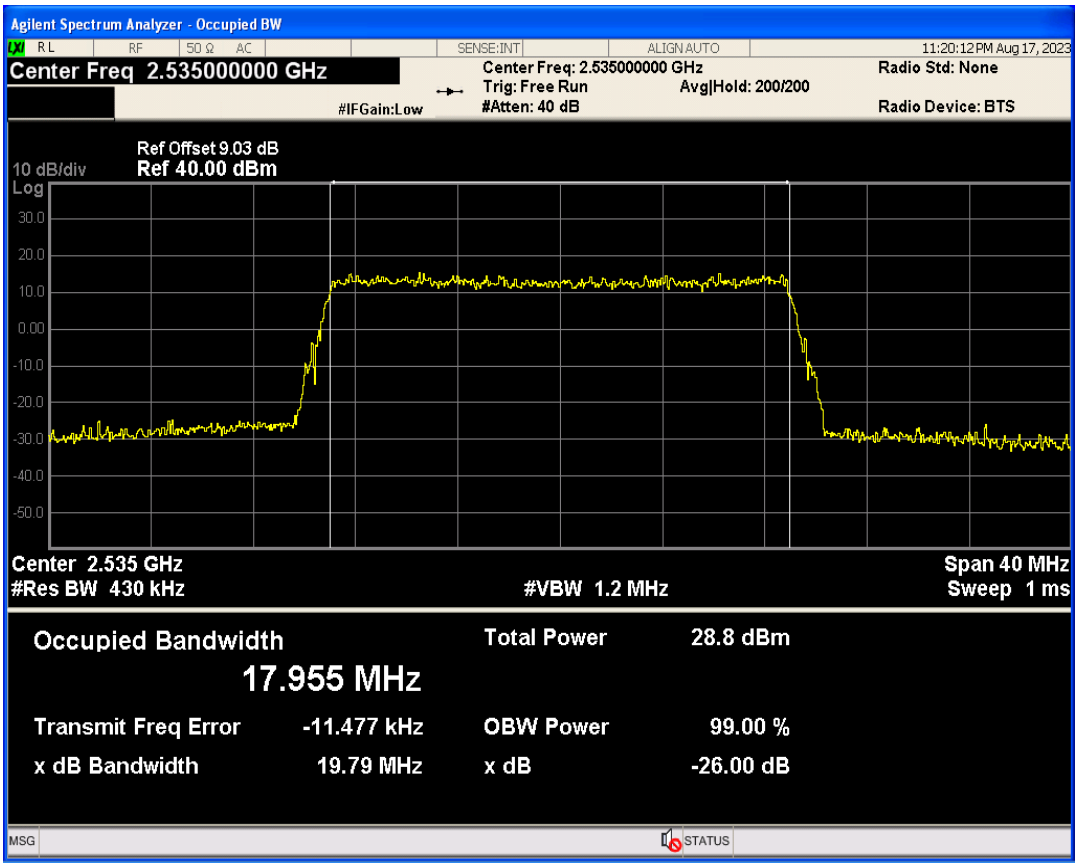
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



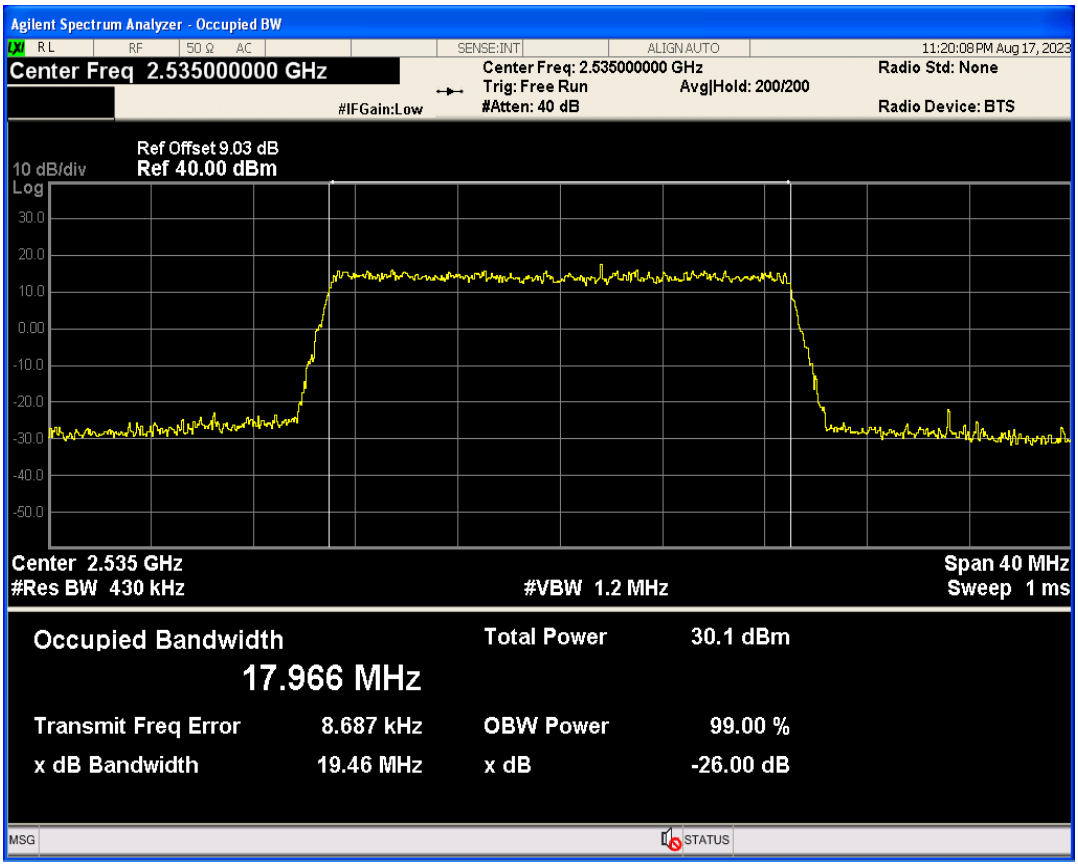
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0



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



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



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	-28.32	-13	PASS
Band12	1.4	23017	1	#Max	QPSK	698.39	-32.59	-13	PASS
Band12	1.4	23017	6	#0	QPSK	698.76	-26.08	-13	PASS
Band12	1.4	23017	1	#0	16QAM	699.00	-29.57	-13	PASS
Band12	1.4	23017	1	#Max	16QAM	698.39	-32.25	-13	PASS
Band12	1.4	23017	6	#0	16QAM	698.90	-26.13	-13	PASS
Band12	1.4	23173	1	#0	QPSK	716.62	-33.10	-13	PASS
Band12	1.4	23173	1	#Max	QPSK	716.01	-30.77	-13	PASS
Band12	1.4	23173	6	#0	QPSK	716.11	-31.08	-13	PASS
Band12	1.4	23173	1	#0	16QAM	716.66	-32.44	-13	PASS
Band12	1.4	23173	1	#Max	16QAM	716.00	-29.79	-13	PASS
Band12	1.4	23173	6	#0	16QAM	716.30	-31.03	-13	PASS
Band12	3	23025	1	#0	QPSK	699.00	-16.58	-13	PASS
Band12	3	23025	1	#Max	QPSK	699.00	-29.29	-13	PASS
Band12	3	23025	15	#0	QPSK	699.00	-25.37	-13	PASS
Band12	3	23025	1	#0	16QAM	699.00	-18.23	-13	PASS
Band12	3	23025	1	#Max	16QAM	699.00	-29.50	-13	PASS
Band12	3	23025	15	#0	16QAM	698.99	-27.12	-13	PASS
Band12	3	23165	1	#0	QPSK	716.00	-28.99	-13	PASS
Band12	3	23165	1	#Max	QPSK	716.00	-16.98	-13	PASS
Band12	3	23165	15	#0	QPSK	716.00	-26.37	-13	PASS
Band12	3	23165	1	#0	16QAM	716.01	-29.45	-13	PASS
Band12	3	23165	1	#Max	16QAM	716.00	-17.42	-13	PASS
Band12	3	23165	15	#0	16QAM	716.00	-26.84	-13	PASS
Band12	5	23035	1	#0	QPSK	699.00	-24.96	-13	PASS
Band12	5	23035	1	#Max	QPSK	694.97	-34.41	-13	PASS
Band12	5	23035	25	#0	QPSK	699.00	-33.86	-13	PASS
Band12	5	23035	1	#0	16QAM	698.99	-25.73	-13	PASS
Band12	5	23035	1	#Max	16QAM	694.98	-36.79	-13	PASS
Band12	5	23035	25	#0	16QAM	698.67	-33.95	-13	PASS
Band12	5	23155	1	#0	QPSK	719.97	-34.03	-13	PASS
Band12	5	23155	1	#Max	QPSK	716.01	-24.34	-13	PASS
Band12	5	23155	25	#0	QPSK	716.00	-34.21	-13	PASS
Band12	5	23155	1	#0	16QAM	719.96	-34.88	-13	PASS
Band12	5	23155	1	#Max	16QAM	716.00	-25.32	-13	PASS
Band12	5	23155	25	#0	16QAM	716.11	-34.86	-13	PASS
Band12	10	23060	1	#0	QPSK	699.00	-30.34	-13	PASS
Band12	10	23060	1	#Max	QPSK	690.78	-40.52	-13	PASS
Band12	10	23060	50	#0	QPSK	698.55	-38.49	-13	PASS
Band12	10	23060	1	#0	16QAM	699.00	-31.15	-13	PASS
Band12	10	23060	1	#Max	16QAM	690.75	-41.57	-13	PASS
Band12	10	23060	50	#0	16QAM	698.86	-37.13	-13	PASS

Band12	10	23130	1	#0	QPSK	716.00	-46.48	-13	PASS
Band12	10	23130	1	#Max	QPSK	716.02	-30.09	-13	PASS
Band12	10	23130	50	#0	QPSK	716.11	-38.55	-13	PASS
Band12	10	23130	1	#0	16QAM	716.01	-47.18	-13	PASS
Band12	10	23130	1	#Max	16QAM	716.01	-30.84	-13	PASS
Band12	10	23130	50	#0	16QAM	716.11	-37.46	-13	PASS
Band13	5	23205	1	#0	QPSK	777.00	-25.64	-13	PASS
Band13	5	23205	1	#Max	QPSK	773.06	-49.49	-35	PASS
Band13	5	23205	25	#0	QPSK	774.32	-51.64	-35	PASS
Band13	5	23205	1	#0	16QAM	776.99	-26.61	-13	PASS
Band13	5	23205	1	#Max	16QAM	773.06	-50.08	-35	PASS
Band13	5	23205	25	#0	16QAM	775.00	-52.63	-35	PASS
Band13	5	23255	1	#0	QPSK	790.94	-33.64	-13	PASS
Band13	5	23255	1	#Max	QPSK	787.00	-24.51	-13	PASS
Band13	5	23255	25	#0	QPSK	787.01	-34.33	-13	PASS
Band13	5	23255	1	#0	16QAM	791.06	-34.80	-13	PASS
Band13	5	23255	1	#Max	16QAM	787.00	-25.70	-13	PASS
Band13	5	23255	25	#0	16QAM	787.61	-35.34	-13	PASS
Band13	10	23230	1	#0	QPSK	795.16	-48.87	-35	PASS
Band13	10	23230	1	#Max	QPSK	787.00	-30.26	-13	PASS
Band13	10	23230	50	#0	QPSK	793.12	-56.83	-35	PASS
Band13	10	23230	1	#0	16QAM	795.22	-49.41	-35	PASS
Band13	10	23230	1	#Max	16QAM	787.01	-30.52	-13	PASS
Band13	10	23230	50	#0	16QAM	774.82	-56.55	-35	PASS
Band17	5	23755	1	#0	QPSK	703.99	-23.64	-13	PASS
Band17	5	23755	1	#Max	QPSK	700.01	-32.35	-13	PASS
Band17	5	23755	25	#0	QPSK	704.00	-33.37	-13	PASS
Band17	5	23755	1	#0	16QAM	704.00	-25.57	-13	PASS
Band17	5	23755	1	#Max	16QAM	700.08	-33.15	-13	PASS
Band17	5	23755	25	#0	16QAM	703.90	-33.38	-13	PASS
Band17	5	23825	1	#0	QPSK	719.96	-35.47	-13	PASS
Band17	5	23825	1	#Max	QPSK	716.00	-25.25	-13	PASS
Band17	5	23825	25	#0	QPSK	716.00	-34.53	-13	PASS
Band17	5	23825	1	#0	16QAM	720.02	-36.14	-13	PASS
Band17	5	23825	1	#Max	16QAM	716.00	-24.34	-13	PASS
Band17	5	23825	25	#0	16QAM	716.01	-35.05	-13	PASS
Band17	10	23780	1	#0	QPSK	704.00	-28.74	-13	PASS
Band17	10	23780	1	#Max	QPSK	695.78	-32.76	-13	PASS
Band17	10	23780	50	#0	QPSK	703.85	-36.50	-13	PASS
Band17	10	23780	1	#0	16QAM	703.90	-31.45	-13	PASS
Band17	10	23780	1	#Max	16QAM	695.77	-33.67	-13	PASS
Band17	10	23780	50	#0	16QAM	703.57	-36.41	-13	PASS
Band17	10	23800	1	#0	QPSK	716.00	-46.75	-13	PASS
Band17	10	23800	1	#Max	QPSK	716.01	-30.03	-13	PASS

Band17	10	23800	50	#0	QPSK	716.11	-38.70	-13	PASS
Band17	10	23800	1	#0	16QAM	716.11	-47.44	-13	PASS
Band17	10	23800	1	#Max	16QAM	716.01	-30.76	-13	PASS
Band17	10	23800	50	#0	16QAM	716.12	-37.96	-13	PASS
Band2	1.4	18607	1	#0	QPSK	1850.00	-30.12	-13	PASS
Band2	1.4	18607	1	#Max	QPSK	1849.35	-35.70	-13	PASS
Band2	1.4	18607	6	#0	QPSK	1850.00	-35.27	-13	PASS
Band2	1.4	18607	1	#0	16QAM	1850.00	-28.61	-13	PASS
Band2	1.4	18607	1	#Max	16QAM	1849.33	-36.73	-13	PASS
Band2	1.4	18607	6	#0	16QAM	1850.00	-35.52	-13	PASS
Band2	1.4	19193	1	#0	QPSK	1910.67	-38.70	-13	PASS
Band2	1.4	19193	1	#Max	QPSK	1910.00	-30.18	-13	PASS
Band2	1.4	19193	6	#0	QPSK	1910.00	-34.48	-13	PASS
Band2	1.4	19193	1	#0	16QAM	1910.66	-38.69	-13	PASS
Band2	1.4	19193	1	#Max	16QAM	1910.00	-30.87	-13	PASS
Band2	1.4	19193	6	#0	16QAM	1910.00	-35.74	-13	PASS
Band2	3	18615	1	#0	QPSK	1849.99	-15.68	-13	PASS
Band2	3	18615	1	#Max	QPSK	1850.00	-28.29	-13	PASS
Band2	3	18615	15	#0	QPSK	1850.00	-26.64	-13	PASS
Band2	3	18615	1	#0	16QAM	1850.00	-17.39	-13	PASS
Band2	3	18615	1	#Max	16QAM	1850.00	-29.73	-13	PASS
Band2	3	18615	15	#0	16QAM	1850.00	-26.27	-13	PASS
Band2	3	19185	1	#0	QPSK	1910.01	-28.38	-13	PASS
Band2	3	19185	1	#Max	QPSK	1910.00	-14.84	-13	PASS
Band2	3	19185	15	#0	QPSK	1910.00	-26.72	-13	PASS
Band2	3	19185	1	#0	16QAM	1910.00	-29.33	-13	PASS
Band2	3	19185	1	#Max	16QAM	1910.00	-15.77	-13	PASS
Band2	3	19185	15	#0	16QAM	1910.00	-26.11	-13	PASS
Band2	5	18625	1	#0	QPSK	1850.00	-20.46	-13	PASS
Band2	5	18625	1	#Max	QPSK	1845.96	-32.16	-13	PASS
Band2	5	18625	25	#0	QPSK	1849.99	-31.95	-13	PASS
Band2	5	18625	1	#0	16QAM	1850.00	-21.64	-13	PASS
Band2	5	18625	1	#Max	16QAM	1846.05	-34.04	-13	PASS
Band2	5	18625	25	#0	16QAM	1850.00	-33.53	-13	PASS
Band2	5	19175	1	#0	QPSK	1913.94	-34.13	-13	PASS
Band2	5	19175	1	#Max	QPSK	1910.00	-21.80	-13	PASS
Band2	5	19175	25	#0	QPSK	1910.00	-30.58	-13	PASS
Band2	5	19175	1	#0	16QAM	1914.00	-35.38	-13	PASS
Band2	5	19175	1	#Max	16QAM	1910.00	-21.32	-13	PASS
Band2	5	19175	25	#0	16QAM	1910.00	-30.33	-13	PASS
Band2	10	18650	1	#0	QPSK	1850.00	-23.31	-13	PASS
Band2	10	18650	1	#Max	QPSK	1841.80	-31.61	-13	PASS
Band2	10	18650	50	#0	QPSK	1849.98	-35.29	-13	PASS
Band2	10	18650	1	#0	16QAM	1849.98	-25.89	-13	PASS

Band2	10	18650	1	#Max	16QAM	1841.82	-35.04	-13	PASS
Band2	10	18650	50	#0	16QAM	1850.00	-34.39	-13	PASS
Band2	10	19150	1	#0	QPSK	1918.20	-36.08	-13	PASS
Band2	10	19150	1	#Max	QPSK	1910.00	-22.15	-13	PASS
Band2	10	19150	50	#0	QPSK	1910.00	-36.89	-13	PASS
Band2	10	19150	1	#0	16QAM	1918.22	-37.37	-13	PASS
Band2	10	19150	1	#Max	16QAM	1910.02	-22.78	-13	PASS
Band2	10	19150	50	#0	16QAM	1910.00	-34.99	-13	PASS
Band2	15	18675	1	#0	QPSK	1850.00	-21.22	-13	PASS
Band2	15	18675	1	#Max	QPSK	1837.46	-34.22	-13	PASS
Band2	15	18675	75	#0	QPSK	1850.00	-34.93	-13	PASS
Band2	15	18675	1	#0	16QAM	1849.94	-24.40	-13	PASS
Band2	15	18675	1	#Max	16QAM	1837.55	-36.10	-13	PASS
Band2	15	18675	75	#0	16QAM	1849.97	-33.19	-13	PASS
Band2	15	19125	1	#0	QPSK	1910.00	-46.24	-13	PASS
Band2	15	19125	1	#Max	QPSK	1910.00	-27.36	-13	PASS
Band2	15	19125	75	#0	QPSK	1910.00	-37.10	-13	PASS
Band2	15	19125	1	#0	16QAM	1910.00	-47.09	-13	PASS
Band2	15	19125	1	#Max	16QAM	1910.03	-23.60	-13	PASS
Band2	15	19125	75	#0	16QAM	1910.03	-36.71	-13	PASS
Band2	20	18700	1	#0	QPSK	1850.00	-26.95	-13	PASS
Band2	20	18700	1	#Max	QPSK	1833.32	-35.97	-13	PASS
Band2	20	18700	100	#0	QPSK	1849.92	-39.15	-13	PASS
Band2	20	18700	1	#0	16QAM	1850.00	-29.66	-13	PASS
Band2	20	18700	1	#Max	16QAM	1833.24	-38.77	-13	PASS
Band2	20	18700	100	#0	16QAM	1850.00	-37.16	-13	PASS
Band2	20	19100	1	#0	QPSK	1910.00	-45.52	-13	PASS
Band2	20	19100	1	#Max	QPSK	1910.00	-26.27	-13	PASS
Band2	20	19100	100	#0	QPSK	1910.04	-39.72	-13	PASS
Band2	20	19100	1	#0	16QAM	1910.00	-47.88	-13	PASS
Band2	20	19100	1	#Max	16QAM	1910.08	-27.35	-13	PASS
Band2	20	19100	100	#0	16QAM	1910.00	-41.09	-13	PASS
Band38	5	37775	1	#0	QPSK	2568.98	-13.43	-10	PASS
Band38	5	37775	1	#Max	QPSK	2560.16	-42.90	-25	PASS
Band38	5	37775	25	#0	QPSK	2568.99	-25.63	-10	PASS
Band38	5	37775	1	#0	16QAM	2568.98	-13.09	-10	PASS
Band38	5	37775	1	#Max	16QAM	2563.17	-43.60	-25	PASS
Band38	5	37775	25	#0	16QAM	2569.00	-26.50	-10	PASS
Band38	5	38225	1	#0	QPSK	2626.08	-38.70	-25	PASS
Band38	5	38225	1	#Max	QPSK	2621.02	-11.92	-10	PASS
Band38	5	38225	25	#0	QPSK	2621.01	-24.90	-10	PASS
Band38	5	38225	1	#0	16QAM	2627.35	-38.86	-25	PASS
Band38	5	38225	1	#Max	16QAM	2621.01	-11.21	-10	PASS
Band38	5	38225	25	#0	16QAM	2626.68	-41.09	-25	PASS

Band38	10	37800	1	#0	QPSK	2569.00	-15.70	-10	PASS
Band38	10	37800	1	#Max	QPSK	2559.29	-45.66	-25	PASS
Band38	10	37800	50	#0	QPSK	2559.20	-38.89	-25	PASS
Band38	10	37800	1	#0	16QAM	2569.00	-16.24	-10	PASS
Band38	10	37800	1	#Max	16QAM	2558.13	-44.34	-25	PASS
Band38	10	37800	50	#0	16QAM	2559.75	-39.39	-25	PASS
Band38	10	38200	1	#0	QPSK	2630.97	-42.62	-25	PASS
Band38	10	38200	1	#Max	QPSK	2621.00	-15.09	-10	PASS
Band38	10	38200	50	#0	QPSK	2631.15	-36.98	-25	PASS
Band38	10	38200	1	#0	16QAM	2631.77	-40.84	-25	PASS
Band38	10	38200	1	#Max	16QAM	2621.00	-16.77	-10	PASS
Band38	10	38200	50	#0	16QAM	2630.06	-41.15	-25	PASS
Band38	15	37825	1	#0	QPSK	2552.71	-37.79	-25	PASS
Band38	15	37825	1	#Max	QPSK	2553.96	-43.59	-25	PASS
Band38	15	37825	75	#0	QPSK	2568.60	-28.32	-10	PASS
Band38	15	37825	1	#0	16QAM	2568.89	-21.37	-10	PASS
Band38	15	37825	1	#Max	16QAM	2557.38	-34.84	-13	PASS
Band38	15	37825	75	#0	16QAM	2553.34	-40.80	-25	PASS
Band38	15	38175	1	#0	QPSK	2638.24	-43.81	-25	PASS
Band38	15	38175	1	#Max	QPSK	2621.09	-21.07	-10	PASS
Band38	15	38175	75	#0	QPSK	2635.16	-38.18	-25	PASS
Band38	15	38175	1	#0	16QAM	2636.27	-45.34	-25	PASS
Band38	15	38175	1	#Max	16QAM	2621.29	-20.42	-10	PASS
Band38	15	38175	75	#0	16QAM	2636.13	-39.00	-25	PASS
Band38	20	37850	1	#0	QPSK	2568.95	-18.66	-10	PASS
Band38	20	37850	1	#Max	QPSK	2553.32	-32.90	-13	PASS
Band38	20	37850	100	#0	QPSK	2569.99	-27.82	-10	PASS
Band38	20	37850	1	#0	16QAM	2568.91	-17.75	-10	PASS
Band38	20	37850	1	#Max	16QAM	2553.30	-31.99	-13	PASS
Band38	20	37850	100	#0	16QAM	2568.24	-29.76	-10	PASS
Band38	20	38150	1	#0	QPSK	2627.69	-37.31	-13	PASS
Band38	20	38150	1	#Max	QPSK	2621.73	-24.44	-10	PASS
Band38	20	38150	100	#0	QPSK	2621.30	-27.80	-10	PASS
Band38	20	38150	1	#0	16QAM	2644.68	-45.00	-25	PASS
Band38	20	38150	1	#Max	16QAM	2622.26	-22.06	-10	PASS
Band38	20	38150	100	#0	16QAM	2620.16	-28.40	-10	PASS
Band4	1.4	19957	1	#0	QPSK	1710.00	-27.47	-13	PASS
Band4	1.4	19957	1	#Max	QPSK	1709.35	-34.06	-13	PASS
Band4	1.4	19957	6	#0	QPSK	1710.00	-32.54	-13	PASS
Band4	1.4	19957	1	#0	16QAM	1710.00	-28.28	-13	PASS
Band4	1.4	19957	1	#Max	16QAM	1709.33	-34.30	-13	PASS
Band4	1.4	19957	6	#0	16QAM	1709.99	-32.58	-13	PASS
Band4	1.4	20393	1	#0	QPSK	1755.67	-34.15	-13	PASS
Band4	1.4	20393	1	#Max	QPSK	1755.00	-29.11	-13	PASS

Band4	1.4	20393	6	#0	QPSK	1755.01	-33.39	-13	PASS
Band4	1.4	20393	1	#0	16QAM	1755.64	-33.89	-13	PASS
Band4	1.4	20393	1	#Max	16QAM	1755.00	-31.52	-13	PASS
Band4	1.4	20393	6	#0	16QAM	1755.03	-33.43	-13	PASS
Band4	3	19965	1	#0	QPSK	1710.00	-17.11	-13	PASS
Band4	3	19965	1	#Max	QPSK	1709.99	-29.22	-13	PASS
Band4	3	19965	15	#0	QPSK	1709.99	-24.90	-13	PASS
Band4	3	19965	1	#0	16QAM	1709.99	-18.92	-13	PASS
Band4	3	19965	1	#Max	16QAM	1710.00	-30.09	-13	PASS
Band4	3	19965	15	#0	16QAM	1709.99	-26.69	-13	PASS
Band4	3	20385	1	#0	QPSK	1755.00	-28.75	-13	PASS
Band4	3	20385	1	#Max	QPSK	1755.00	-14.83	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.00	-25.03	-13	PASS
Band4	3	20385	1	#0	16QAM	1755.00	-27.83	-13	PASS
Band4	3	20385	1	#Max	16QAM	1755.00	-16.35	-13	PASS
Band4	3	20385	15	#0	16QAM	1755.00	-27.16	-13	PASS
Band4	5	19975	1	#0	QPSK	1710.00	-21.63	-13	PASS
Band4	5	19975	1	#Max	QPSK	1706.03	-30.38	-13	PASS
Band4	5	19975	25	#0	QPSK	1710.00	-30.60	-13	PASS
Band4	5	19975	1	#0	16QAM	1710.00	-21.83	-13	PASS
Band4	5	19975	1	#Max	16QAM	1706.02	-32.78	-13	PASS
Band4	5	19975	25	#0	16QAM	1710.00	-32.75	-13	PASS
Band4	5	20375	1	#0	QPSK	1758.99	-28.60	-13	PASS
Band4	5	20375	1	#Max	QPSK	1755.00	-21.67	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.00	-31.89	-13	PASS
Band4	5	20375	1	#0	16QAM	1758.91	-30.95	-13	PASS
Band4	5	20375	1	#Max	16QAM	1755.00	-21.78	-13	PASS
Band4	5	20375	25	#0	16QAM	1755.00	-31.32	-13	PASS
Band4	10	20000	1	#0	QPSK	1710.00	-22.75	-13	PASS
Band4	10	20000	1	#Max	QPSK	1701.74	-28.98	-13	PASS
Band4	10	20000	50	#0	QPSK	1710.00	-34.58	-13	PASS
Band4	10	20000	1	#0	16QAM	1710.00	-28.48	-13	PASS
Band4	10	20000	1	#Max	16QAM	1701.76	-31.80	-13	PASS
Band4	10	20000	50	#0	16QAM	1710.00	-33.04	-13	PASS
Band4	10	20350	1	#0	QPSK	1763.22	-26.53	-13	PASS
Band4	10	20350	1	#Max	QPSK	1755.00	-22.78	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.00	-33.97	-13	PASS
Band4	10	20350	1	#0	16QAM	1763.24	-27.36	-13	PASS
Band4	10	20350	1	#Max	16QAM	1755.00	-24.66	-13	PASS
Band4	10	20350	50	#0	16QAM	1755.00	-33.87	-13	PASS
Band4	15	20025	1	#0	QPSK	1710.00	-21.48	-13	PASS
Band4	15	20025	1	#Max	QPSK	1697.55	-27.45	-13	PASS
Band4	15	20025	75	#0	QPSK	1709.94	-34.52	-13	PASS
Band4	15	20025	1	#0	16QAM	1710.00	-22.82	-13	PASS

Band4	15	20025	1	#Max	16QAM	1697.55	-29.15	-13	PASS
Band4	15	20025	75	#0	16QAM	1710.00	-32.16	-13	PASS
Band4	15	20325	1	#0	QPSK	1767.45	-24.95	-13	PASS
Band4	15	20325	1	#Max	QPSK	1755.00	-24.41	-13	PASS
Band4	15	20325	75	#0	QPSK	1755.24	-35.33	-13	PASS
Band4	15	20325	1	#0	16QAM	1767.45	-25.64	-13	PASS
Band4	15	20325	1	#Max	16QAM	1755.00	-20.14	-13	PASS
Band4	15	20325	75	#0	16QAM	1755.00	-33.14	-13	PASS
Band4	20	20050	1	#0	QPSK	1710.00	-28.08	-13	PASS
Band4	20	20050	1	#Max	QPSK	1693.32	-26.06	-13	PASS
Band4	20	20050	100	#0	QPSK	1710.00	-35.67	-13	PASS
Band4	20	20050	1	#0	16QAM	1709.84	-33.80	-13	PASS
Band4	20	20050	1	#Max	16QAM	1693.28	-26.75	-13	PASS
Band4	20	20050	100	#0	16QAM	1710.00	-33.77	-13	PASS
Band4	20	20300	1	#0	QPSK	1771.72	-22.94	-13	PASS
Band4	20	20300	1	#Max	QPSK	1755.00	-22.69	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.00	-32.61	-13	PASS
Band4	20	20300	1	#0	16QAM	1771.72	-25.44	-13	PASS
Band4	20	20300	1	#Max	16QAM	1755.16	-28.43	-13	PASS
Band4	20	20300	100	#0	16QAM	1755.04	-35.00	-13	PASS
Band41a	5	40065	1	#0	QPSK	2534.00	-12.14	-10	PASS
Band41a	5	40065	1	#Max	QPSK	2528.72	-38.32	-25	PASS
Band41a	5	40065	25	#0	QPSK	2528.60	-39.41	-25	PASS
Band41a	5	40065	1	#0	16QAM	2534.00	-12.86	-10	PASS
Band41a	5	40065	1	#Max	16QAM	2528.94	-37.23	-25	PASS
Band41a	5	40065	25	#0	16QAM	2528.89	-37.81	-25	PASS
Band41a	5	41215	1	#0	QPSK	2662.85	-38.47	-25	PASS
Band41a	5	41215	1	#Max	QPSK	2656.00	-13.03	-10	PASS
Band41a	5	41215	25	#0	QPSK	2663.01	-37.74	-25	PASS
Band41a	5	41215	1	#0	16QAM	2662.88	-38.43	-25	PASS
Band41a	5	41215	1	#Max	16QAM	2656.00	-12.72	-10	PASS
Band41a	5	41215	25	#0	16QAM	2661.17	-36.79	-25	PASS
Band41a	10	40090	1	#0	QPSK	2533.90	-15.70	-10	PASS
Band41a	10	40090	1	#Max	QPSK	2524.75	-38.23	-25	PASS
Band41a	10	40090	50	#0	QPSK	2524.71	-35.43	-25	PASS
Band41a	10	40090	1	#0	16QAM	2533.99	-16.54	-10	PASS
Band41a	10	40090	1	#Max	16QAM	2524.79	-39.73	-25	PASS
Band41a	10	40090	50	#0	16QAM	2524.95	-36.99	-25	PASS
Band41a	10	41190	1	#0	QPSK	2665.55	-38.06	-25	PASS
Band41a	10	41190	1	#Max	QPSK	2656.00	-15.23	-10	PASS
Band41a	10	41190	50	#0	QPSK	2665.08	-33.48	-25	PASS
Band41a	10	41190	1	#0	16QAM	2665.89	-38.72	-25	PASS
Band41a	10	41190	1	#Max	16QAM	2656.01	-17.50	-10	PASS
Band41a	10	41190	50	#0	16QAM	2666.58	-37.03	-25	PASS

Band41a	15	40115	1	#0	QPSK	2533.76	-17.91	-10	PASS
Band41a	15	40115	1	#Max	QPSK	2516.33	-40.42	-25	PASS
Band41a	15	40115	75	#0	QPSK	2519.99	-38.75	-25	PASS
Band41a	15	40115	1	#0	16QAM	2533.68	-21.06	-10	PASS
Band41a	15	40115	1	#Max	16QAM	2517.73	-40.48	-25	PASS
Band41a	15	40115	75	#0	16QAM	2519.68	-39.34	-25	PASS
Band41a	15	41165	1	#0	QPSK	2671.86	-38.99	-25	PASS
Band41a	15	41165	1	#Max	QPSK	2656.21	-20.03	-10	PASS
Band41a	15	41165	75	#0	QPSK	2670.53	-34.67	-25	PASS
Band41a	15	41165	1	#0	16QAM	2670.41	-39.49	-25	PASS
Band41a	15	41165	1	#Max	16QAM	2670.85	-37.49	-25	PASS
Band41a	15	41165	75	#0	16QAM	2670.09	-36.13	-25	PASS
Band41a	20	40140	1	#0	QPSK	2533.80	-19.13	-10	PASS
Band41a	20	40140	1	#Max	QPSK	2514.65	-40.32	-25	PASS
Band41a	20	40140	100	#0	QPSK	2514.03	-40.36	-25	PASS
Band41a	20	40140	1	#0	16QAM	2533.90	-16.49	-10	PASS
Band41a	20	40140	1	#Max	16QAM	2510.95	-40.13	-25	PASS
Band41a	20	40140	100	#0	16QAM	2514.17	-40.42	-25	PASS
Band41a	20	41140	1	#0	QPSK	2677.36	-39.55	-25	PASS
Band41a	20	41140	1	#Max	QPSK	2656.35	-22.44	-10	PASS
Band41a	20	41140	100	#0	QPSK	2677.25	-38.79	-25	PASS
Band41a	20	41140	1	#0	16QAM	2675.87	-39.07	-25	PASS
Band41a	20	41140	1	#Max	16QAM	2675.02	-36.77	-25	PASS
Band41a	20	41140	100	#0	16QAM	2676.20	-38.53	-25	PASS
Band5	1.4	20407	1	#0	QPSK	824.00	-36.44	-13	PASS
Band5	1.4	20407	1	#Max	QPSK	823.35	-41.43	-13	PASS
Band5	1.4	20407	6	#0	QPSK	823.97	-40.13	-13	PASS
Band5	1.4	20407	1	#0	16QAM	824.00	-37.97	-13	PASS
Band5	1.4	20407	1	#Max	16QAM	823.36	-41.02	-13	PASS
Band5	1.4	20407	6	#0	16QAM	823.93	-41.79	-13	PASS
Band5	1.4	20643	1	#0	QPSK	849.69	-40.79	-13	PASS
Band5	1.4	20643	1	#Max	QPSK	849.01	-33.23	-13	PASS
Band5	1.4	20643	6	#0	QPSK	849.02	-37.48	-13	PASS
Band5	1.4	20643	1	#0	16QAM	849.65	-40.46	-13	PASS
Band5	1.4	20643	1	#Max	16QAM	849.01	-32.02	-13	PASS
Band5	1.4	20643	6	#0	16QAM	849.03	-40.89	-13	PASS
Band5	3	20415	1	#0	QPSK	824.00	-18.04	-13	PASS
Band5	3	20415	1	#Max	QPSK	824.00	-30.59	-13	PASS
Band5	3	20415	15	#0	QPSK	824.00	-25.44	-13	PASS
Band5	3	20415	1	#0	16QAM	824.00	-18.81	-13	PASS
Band5	3	20415	1	#Max	16QAM	824.00	-31.57	-13	PASS
Band5	3	20415	15	#0	16QAM	824.00	-28.61	-13	PASS
Band5	3	20635	1	#0	QPSK	849.00	-31.39	-13	PASS
Band5	3	20635	1	#Max	QPSK	849.00	-16.00	-13	PASS

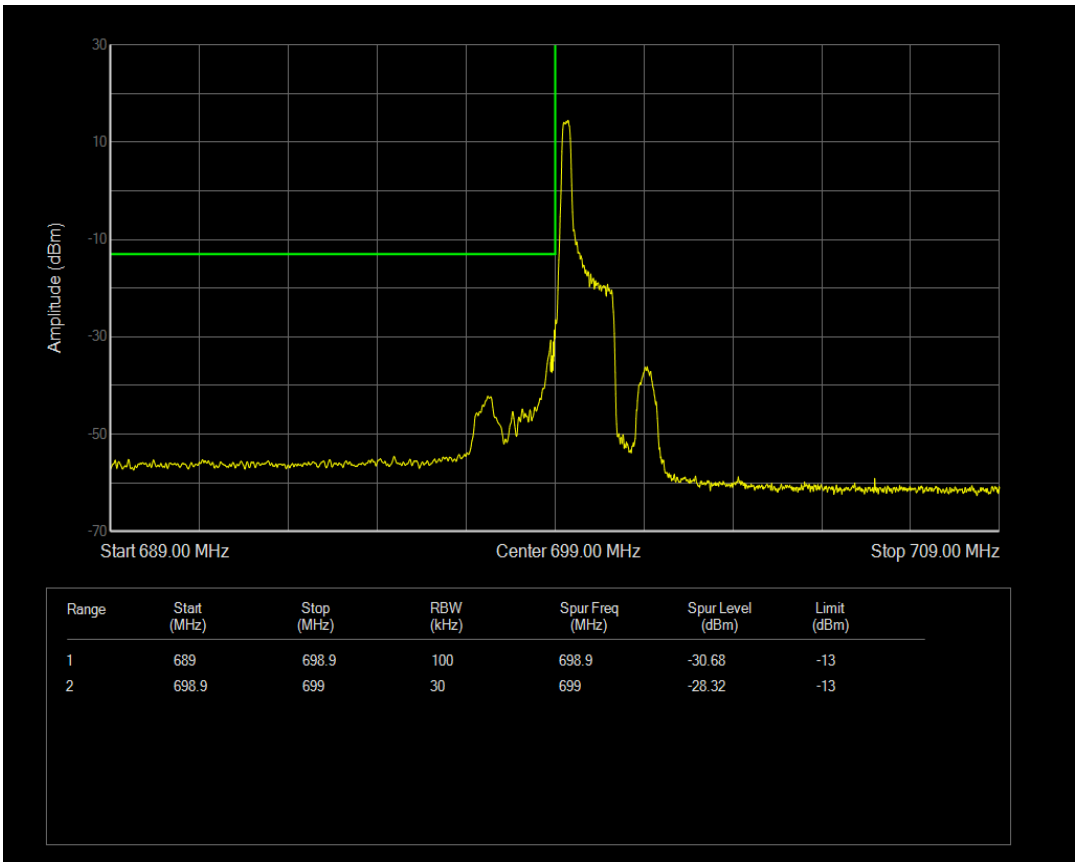
Band5	3	20635	15	#0	QPSK	849.00	-27.72	-13	PASS
Band5	3	20635	1	#0	16QAM	849.00	-29.26	-13	PASS
Band5	3	20635	1	#Max	16QAM	849.00	-16.85	-13	PASS
Band5	3	20635	15	#0	16QAM	849.00	-29.59	-13	PASS
Band5	5	20425	1	#0	QPSK	824.00	-21.66	-13	PASS
Band5	5	20425	1	#Max	QPSK	824.00	-37.58	-13	PASS
Band5	5	20425	25	#0	QPSK	824.00	-32.27	-13	PASS
Band5	5	20425	1	#0	16QAM	824.00	-24.28	-13	PASS
Band5	5	20425	1	#Max	16QAM	824.00	-39.78	-13	PASS
Band5	5	20425	25	#0	16QAM	823.98	-35.32	-13	PASS
Band5	5	20625	1	#0	QPSK	852.95	-38.37	-13	PASS
Band5	5	20625	1	#Max	QPSK	849.00	-22.07	-13	PASS
Band5	5	20625	25	#0	QPSK	849.00	-31.67	-13	PASS
Band5	5	20625	1	#0	16QAM	852.98	-38.92	-13	PASS
Band5	5	20625	1	#Max	16QAM	849.00	-21.66	-13	PASS
Band5	5	20625	25	#0	16QAM	849.00	-34.06	-13	PASS
Band5	10	20450	1	#0	QPSK	823.98	-24.03	-13	PASS
Band5	10	20450	1	#Max	QPSK	824.00	-41.24	-13	PASS
Band5	10	20450	50	#0	QPSK	824.00	-37.66	-13	PASS
Band5	10	20450	1	#0	16QAM	824.00	-28.37	-13	PASS
Band5	10	20450	1	#Max	16QAM	815.78	-43.31	-13	PASS
Band5	10	20450	50	#0	16QAM	823.98	-37.43	-13	PASS
Band5	10	20600	1	#0	QPSK	857.24	-39.36	-13	PASS
Band5	10	20600	1	#Max	QPSK	849.04	-26.68	-13	PASS
Band5	10	20600	50	#0	QPSK	849.00	-37.33	-13	PASS
Band5	10	20600	1	#0	16QAM	857.20	-39.89	-13	PASS
Band5	10	20600	1	#Max	16QAM	849.00	-23.74	-13	PASS
Band5	10	20600	50	#0	16QAM	849.00	-39.76	-13	PASS
Band66	1.4	131979	1	#0	QPSK	1710.00	-28.34	-13	PASS
Band66	1.4	131979	1	#Max	QPSK	1709.32	-34.13	-13	PASS
Band66	1.4	131979	6	#0	QPSK	1710.00	-32.82	-13	PASS
Band66	1.4	131979	1	#0	16QAM	1710.00	-30.69	-13	PASS
Band66	1.4	131979	1	#Max	16QAM	1709.33	-35.49	-13	PASS
Band66	1.4	131979	6	#0	16QAM	1710.00	-33.27	-13	PASS
Band66	1.4	132665	1	#0	QPSK	1780.60	-34.82	-13	PASS
Band66	1.4	132665	1	#Max	QPSK	1780.00	-27.92	-13	PASS
Band66	1.4	132665	6	#0	QPSK	1780.00	-34.07	-13	PASS
Band66	1.4	132665	1	#0	16QAM	1780.69	-34.17	-13	PASS
Band66	1.4	132665	1	#Max	16QAM	1780.00	-28.07	-13	PASS
Band66	1.4	132665	6	#0	16QAM	1780.00	-34.61	-13	PASS
Band66	3	131987	1	#0	QPSK	1710.00	-15.10	-13	PASS
Band66	3	131987	1	#Max	QPSK	1710.00	-29.74	-13	PASS
Band66	3	131987	15	#0	QPSK	1710.00	-25.07	-13	PASS
Band66	3	131987	1	#0	16QAM	1710.00	-17.11	-13	PASS

Band66	3	131987	1	#Max	16QAM	1710.00	-31.21	-13	PASS
Band66	3	131987	15	#0	16QAM	1709.99	-26.45	-13	PASS
Band66	3	132657	1	#0	QPSK	1780.02	-30.49	-13	PASS
Band66	3	132657	1	#Max	QPSK	1780.00	-15.14	-13	PASS
Band66	3	132657	15	#0	QPSK	1780.00	-26.47	-13	PASS
Band66	3	132657	1	#0	16QAM	1780.00	-30.35	-13	PASS
Band66	3	132657	1	#Max	16QAM	1780.00	-15.78	-13	PASS
Band66	3	132657	15	#0	16QAM	1780.00	-25.32	-13	PASS
Band66	5	131997	1	#0	QPSK	1710.00	-22.50	-13	PASS
Band66	5	131997	1	#Max	QPSK	1706.05	-30.63	-13	PASS
Band66	5	131997	25	#0	QPSK	1710.00	-32.08	-13	PASS
Band66	5	131997	1	#0	16QAM	1710.00	-23.56	-13	PASS
Band66	5	131997	1	#Max	16QAM	1706.04	-32.87	-13	PASS
Band66	5	131997	25	#0	16QAM	1709.99	-32.61	-13	PASS
Band66	5	132647	1	#0	QPSK	1783.93	-30.76	-13	PASS
Band66	5	132647	1	#Max	QPSK	1780.00	-19.61	-13	PASS
Band66	5	132647	25	#0	QPSK	1780.01	-32.33	-13	PASS
Band66	5	132647	1	#0	16QAM	1784.01	-32.91	-13	PASS
Band66	5	132647	1	#Max	16QAM	1780.00	-21.42	-13	PASS
Band66	5	132647	25	#0	16QAM	1780.00	-32.58	-13	PASS
Band66	10	132022	1	#0	QPSK	1710.00	-23.76	-13	PASS
Band66	10	132022	1	#Max	QPSK	1701.82	-29.25	-13	PASS
Band66	10	132022	50	#0	QPSK	1710.00	-34.39	-13	PASS
Band66	10	132022	1	#0	16QAM	1709.96	-26.16	-13	PASS
Band66	10	132022	1	#Max	16QAM	1701.80	-31.39	-13	PASS
Band66	10	132022	50	#0	16QAM	1709.94	-35.43	-13	PASS
Band66	10	132622	1	#0	QPSK	1788.22	-29.36	-13	PASS
Band66	10	132622	1	#Max	QPSK	1780.00	-19.49	-13	PASS
Band66	10	132622	50	#0	QPSK	1780.00	-36.15	-13	PASS
Band66	10	132622	1	#0	16QAM	1788.20	-31.20	-13	PASS
Band66	10	132622	1	#Max	16QAM	1780.00	-26.29	-13	PASS
Band66	10	132622	50	#0	16QAM	1780.00	-34.62	-13	PASS
Band66	15	132047	1	#0	QPSK	1709.94	-24.37	-13	PASS
Band66	15	132047	1	#Max	QPSK	1697.49	-28.10	-13	PASS
Band66	15	132047	75	#0	QPSK	1709.97	-34.35	-13	PASS
Band66	15	132047	1	#0	16QAM	1710.00	-24.09	-13	PASS
Band66	15	132047	1	#Max	16QAM	1697.52	-29.48	-13	PASS
Band66	15	132047	75	#0	16QAM	1710.00	-35.18	-13	PASS
Band66	15	132597	1	#0	QPSK	1792.48	-27.52	-13	PASS
Band66	15	132597	1	#Max	QPSK	1780.00	-23.60	-13	PASS
Band66	15	132597	75	#0	QPSK	1780.00	-34.75	-13	PASS
Band66	15	132597	1	#0	16QAM	1792.48	-28.93	-13	PASS
Band66	15	132597	1	#Max	16QAM	1780.00	-24.79	-13	PASS
Band66	15	132597	75	#0	16QAM	1780.00	-33.22	-13	PASS

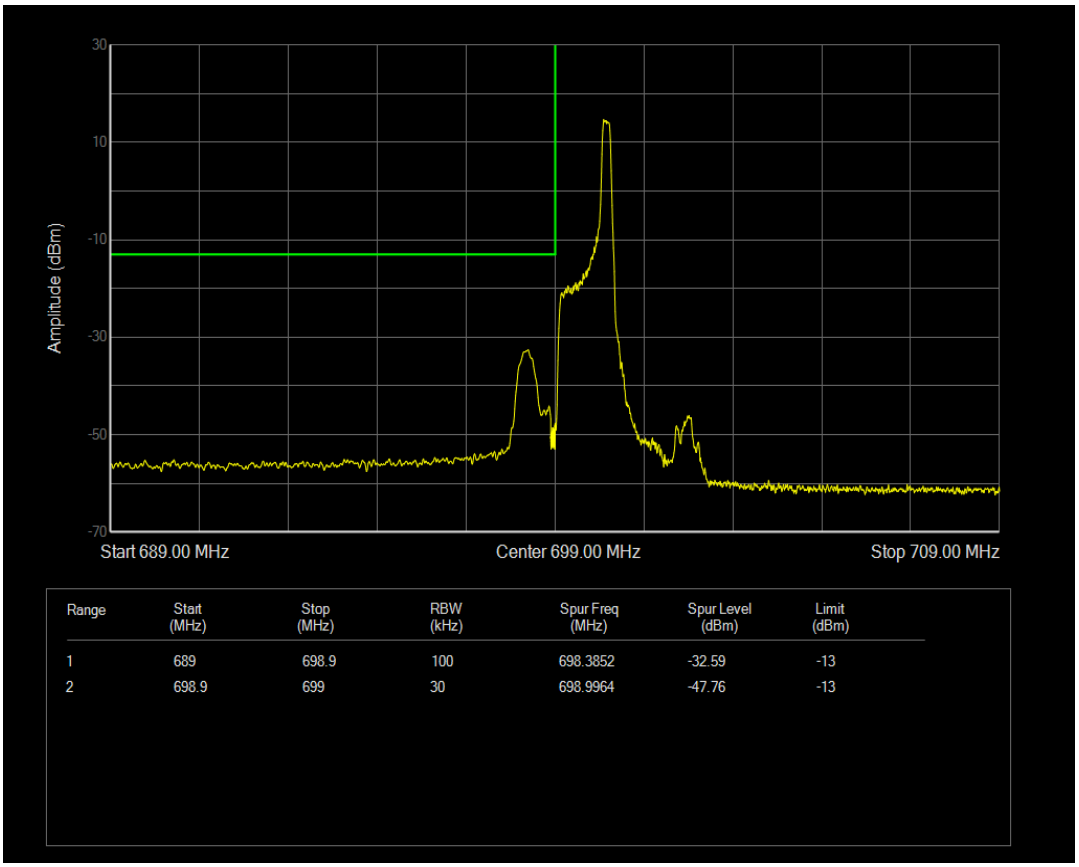
Band66	20	132072	1	#0	QPSK	1710.00	-26.26	-13	PASS
Band66	20	132072	1	#Max	QPSK	1693.24	-27.11	-13	PASS
Band66	20	132072	100	#0	QPSK	1709.92	-35.66	-13	PASS
Band66	20	132072	1	#0	16QAM	1710.00	-26.30	-13	PASS
Band66	20	132072	1	#Max	16QAM	1693.32	-28.88	-13	PASS
Band66	20	132072	100	#0	16QAM	1709.92	-34.92	-13	PASS
Band66	20	132572	1	#0	QPSK	1796.76	-25.21	-13	PASS
Band66	20	132572	1	#Max	QPSK	1780.00	-25.53	-13	PASS
Band66	20	132572	100	#0	QPSK	1780.00	-36.31	-13	PASS
Band66	20	132572	1	#0	16QAM	1796.72	-25.72	-13	PASS
Band66	20	132572	1	#Max	16QAM	1780.00	-29.09	-13	PASS
Band66	20	132572	100	#0	16QAM	1780.00	-36.21	-13	PASS
Band7	5	20775	1	#0	QPSK	2499.00	-10.48	-10	PASS
Band7	5	20775	1	#Max	QPSK	2485.34	-40.69	-25	PASS
Band7	5	20775	25	#0	QPSK	2499.00	-23.70	-10	PASS
Band7	5	20775	1	#0	16QAM	2498.99	-12.20	-10	PASS
Band7	5	20775	1	#Max	16QAM	2489.04	-40.15	-25	PASS
Band7	5	20775	25	#0	16QAM	2499.00	-24.72	-10	PASS
Band7	5	21425	1	#0	QPSK	2586.91	-40.36	-25	PASS
Band7	5	21425	1	#Max	QPSK	2571.00	-10.78	-10	PASS
Band7	5	21425	25	#0	QPSK	2576.17	-39.93	-25	PASS
Band7	5	21425	1	#0	16QAM	2594.92	-40.33	-25	PASS
Band7	5	21425	1	#Max	16QAM	2571.00	-13.05	-10	PASS
Band7	5	21425	25	#0	16QAM	2592.91	-40.26	-25	PASS
Band7	10	20800	1	#0	QPSK	2499.00	-10.61	-10	PASS
Band7	10	20800	1	#Max	QPSK	2483.81	-40.45	-25	PASS
Band7	10	20800	50	#0	QPSK	2489.75	-37.25	-25	PASS
Band7	10	20800	1	#0	16QAM	2499.00	-11.85	-10	PASS
Band7	10	20800	1	#Max	16QAM	2486.64	-40.65	-25	PASS
Band7	10	20800	50	#0	16QAM	2489.67	-38.87	-25	PASS
Band7	10	21400	1	#0	QPSK	2586.47	-39.34	-25	PASS
Band7	10	21400	1	#Max	QPSK	2571.01	-11.89	-10	PASS
Band7	10	21400	50	#0	QPSK	2580.47	-36.59	-25	PASS
Band7	10	21400	1	#0	16QAM	2580.39	-40.11	-25	PASS
Band7	10	21400	1	#Max	16QAM	2571.00	-12.04	-10	PASS
Band7	10	21400	50	#0	16QAM	2580.29	-38.43	-25	PASS
Band7	15	20825	1	#0	QPSK	2498.99	-23.37	-10	PASS
Band7	15	20825	1	#Max	QPSK	2484.60	-40.63	-25	PASS
Band7	15	20825	75	#0	QPSK	2484.57	-38.63	-25	PASS
Band7	15	20825	1	#0	16QAM	2498.97	-24.28	-10	PASS
Band7	15	20825	1	#Max	16QAM	2482.98	-40.56	-25	PASS
Band7	15	20825	75	#0	16QAM	2484.58	-39.91	-25	PASS
Band7	15	21375	1	#0	QPSK	2586.21	-40.29	-25	PASS
Band7	15	21375	1	#Max	QPSK	2571.00	-22.64	-10	PASS

Band7	15	21375	75	#0	QPSK	2585.33	-36.90	-25	PASS
Band7	15	21375	1	#0	16QAM	2589.64	-40.30	-25	PASS
Band7	15	21375	1	#Max	16QAM	2571.01	-24.29	-10	PASS
Band7	15	21375	75	#0	16QAM	2585.47	-39.00	-25	PASS
Band7	20	20850	1	#0	QPSK	2478.52	-40.68	-25	PASS
Band7	20	20850	1	#Max	QPSK	2475.07	-40.45	-25	PASS
Band7	20	20850	100	#0	QPSK	2479.70	-40.43	-25	PASS
Band7	20	20850	1	#0	16QAM	2476.99	-40.60	-25	PASS
Band7	20	20850	1	#Max	16QAM	2476.89	-40.65	-25	PASS
Band7	20	20850	100	#0	16QAM	2478.75	-40.57	-25	PASS
Band7	20	21350	1	#0	QPSK	2593.00	-40.36	-25	PASS
Band7	20	21350	1	#Max	QPSK	2592.82	-40.28	-25	PASS
Band7	20	21350	100	#0	QPSK	2590.03	-39.20	-25	PASS
Band7	20	21350	1	#0	16QAM	2591.48	-40.23	-25	PASS
Band7	20	21350	1	#Max	16QAM	2594.43	-40.38	-25	PASS
Band7	20	21350	100	#0	16QAM	2590.49	-39.62	-25	PASS

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

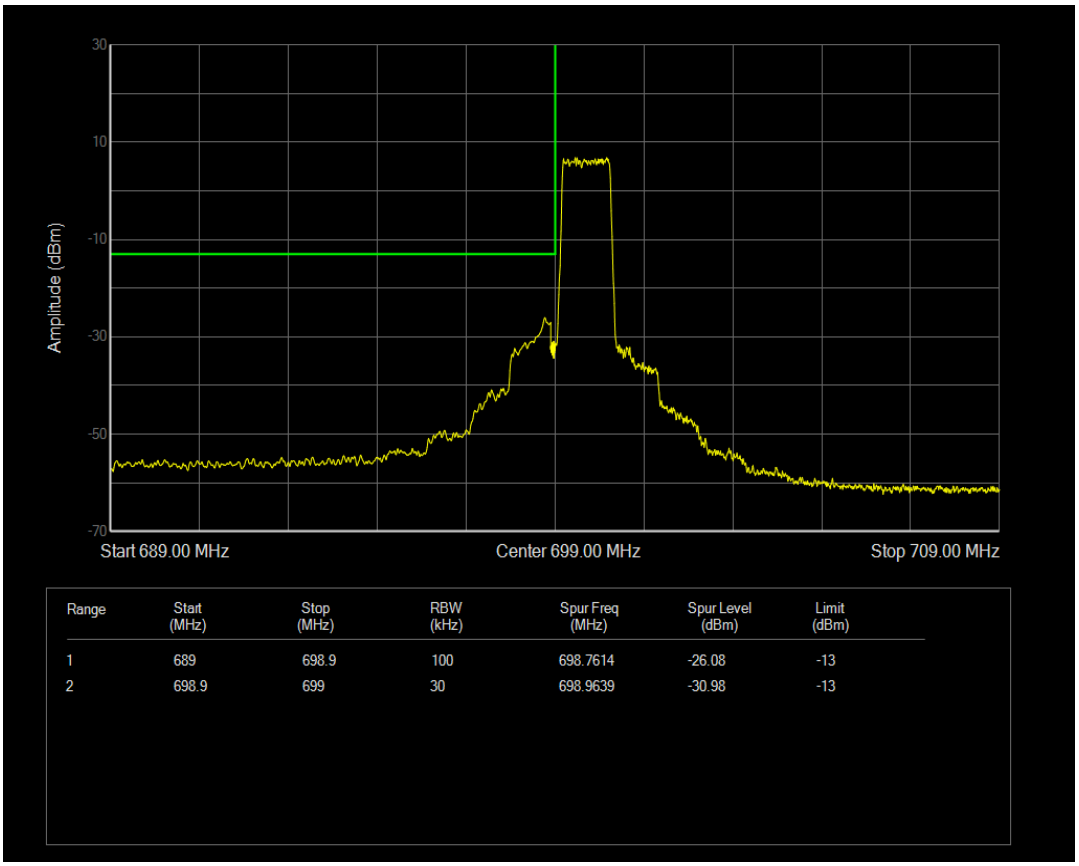


Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#Max



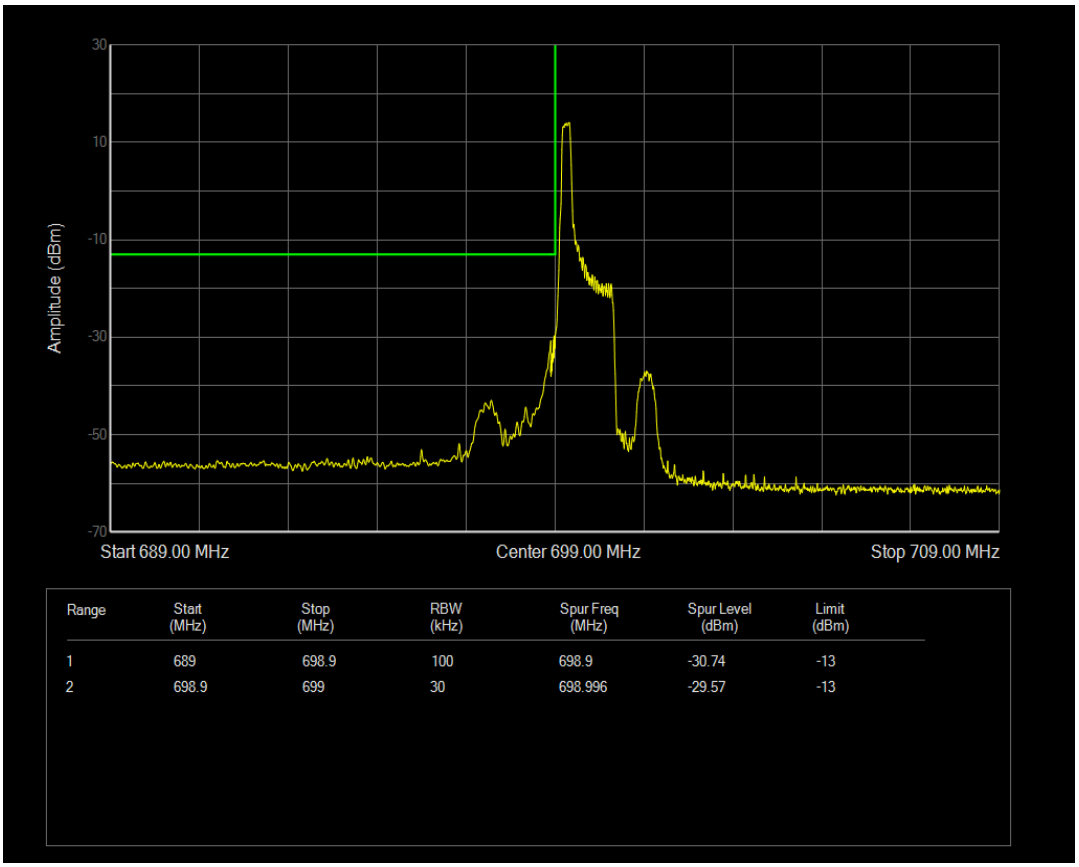
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.3852	-32.59	-13
2	698.9	699	30	698.9964	-47.76	-13

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



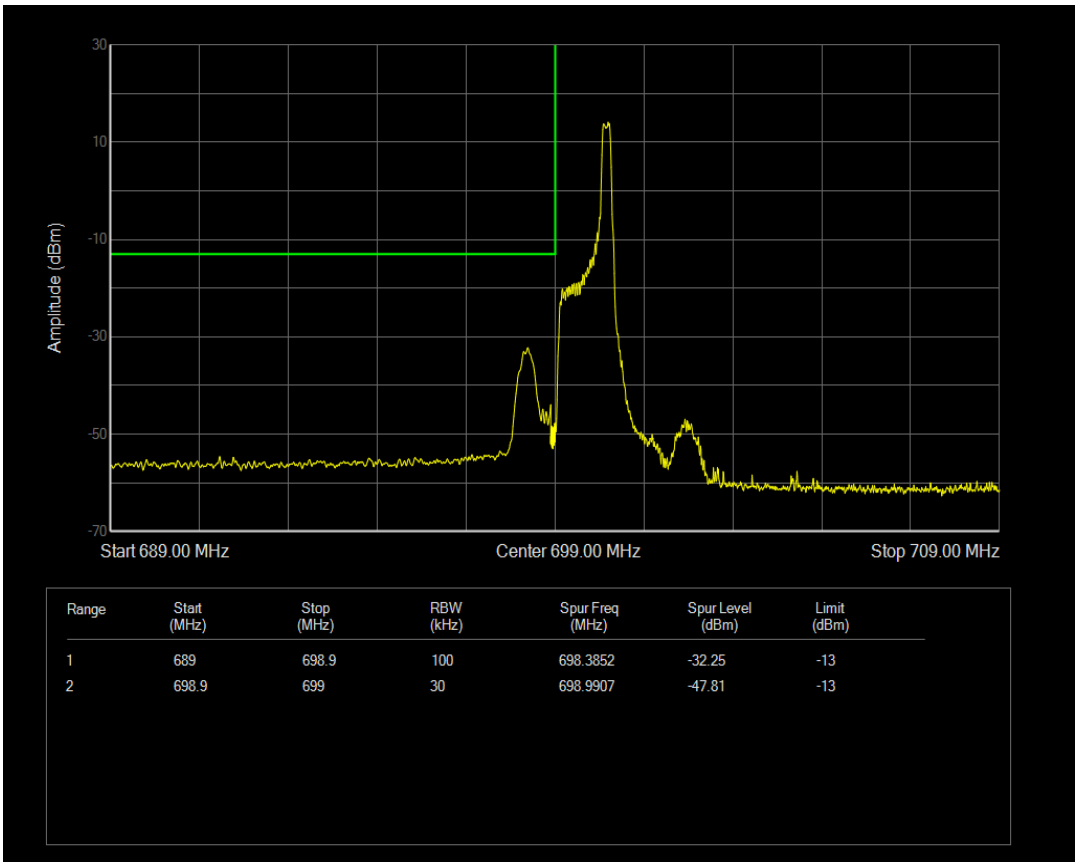
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.7614	-26.08	-13
2	698.9	699	30	698.9639	-30.98	-13

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



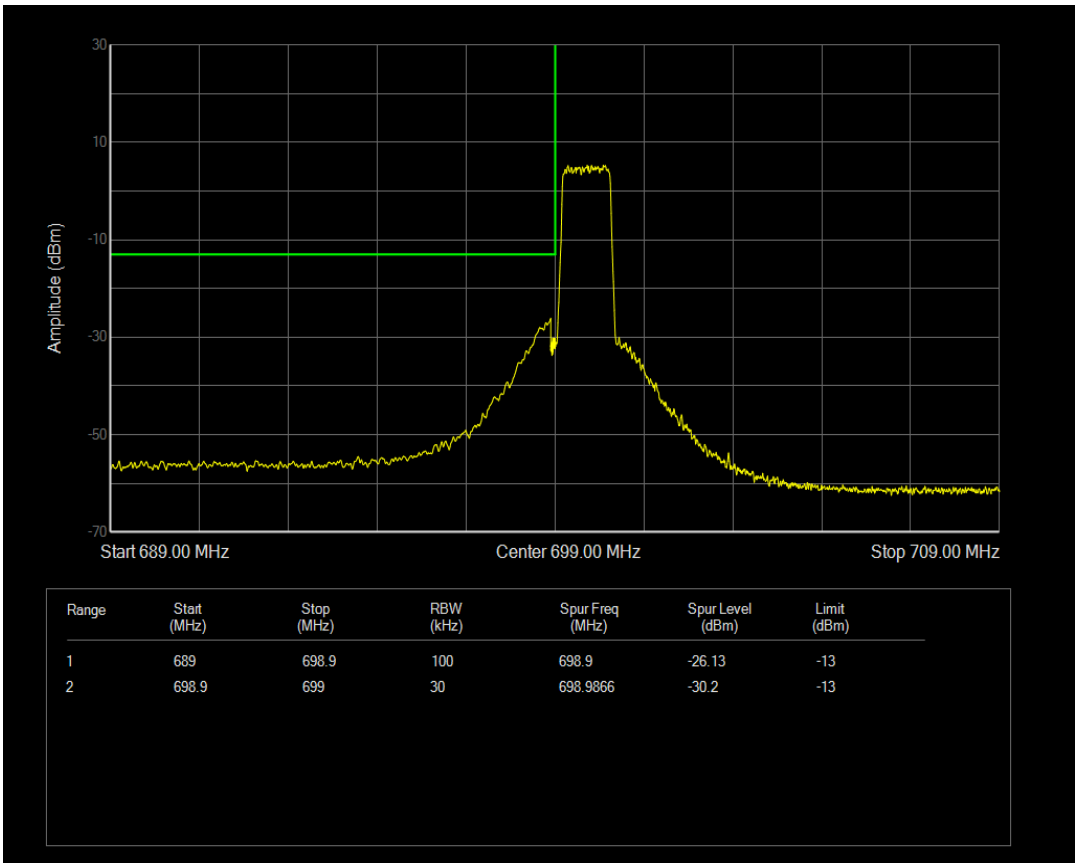
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-30.74	-13
2	698.9	699	30	698.996	-29.57	-13

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



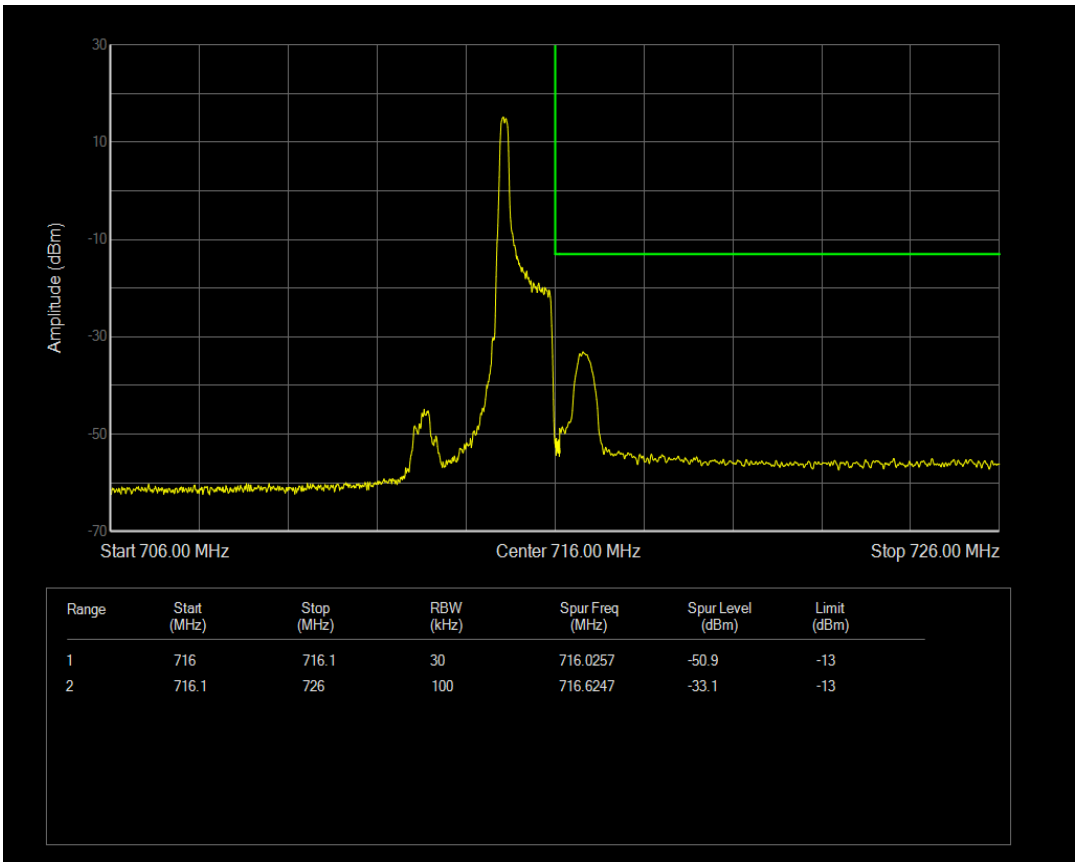
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.3852	-32.25	-13
2	698.9	699	30	698.9907	-47.81	-13

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	-26.13	-13
2	698.9	699	30	698.9866	-30.2	-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	716.0257	-50.9	-13
2	716.1	726	100	716.6247	-33.1	-13

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