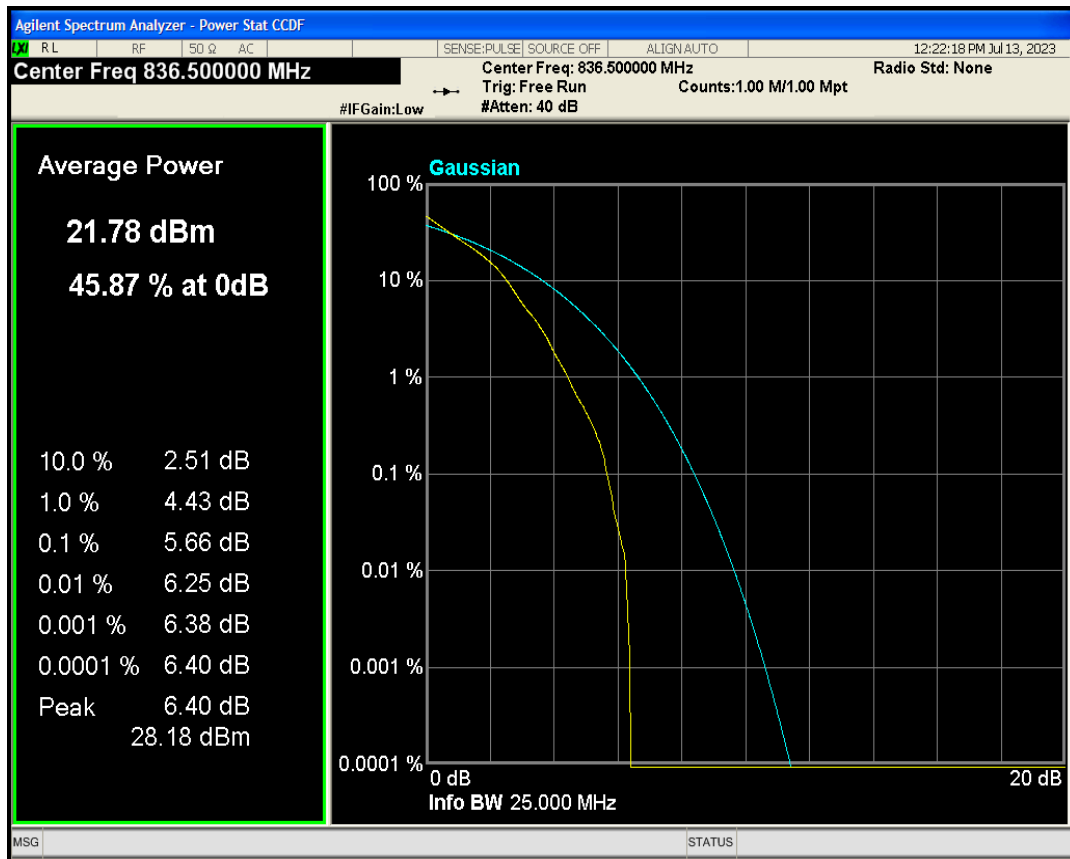
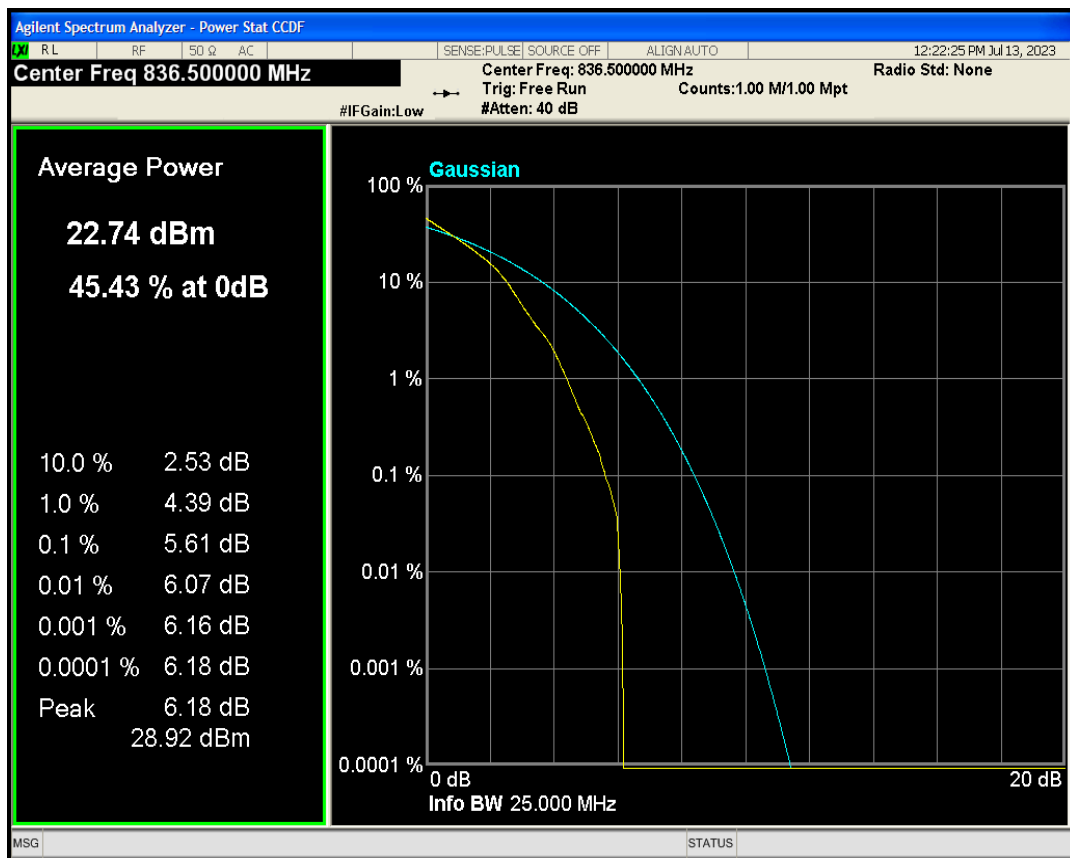
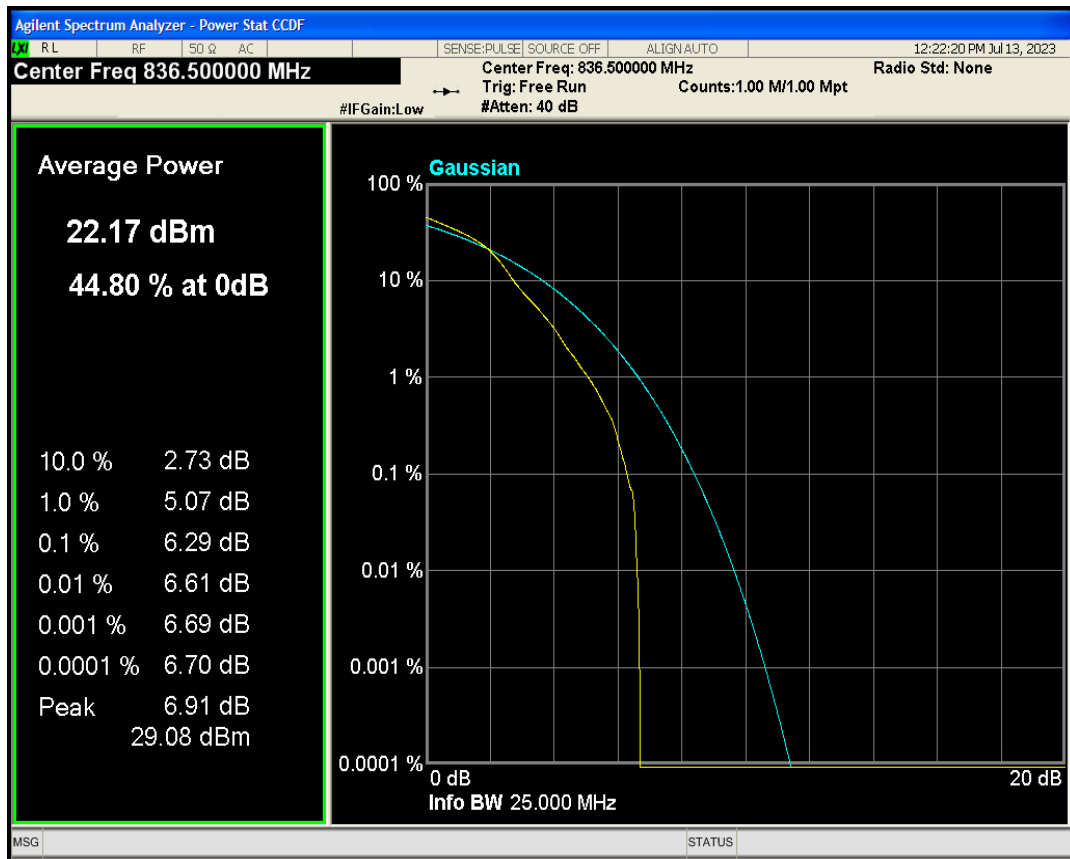




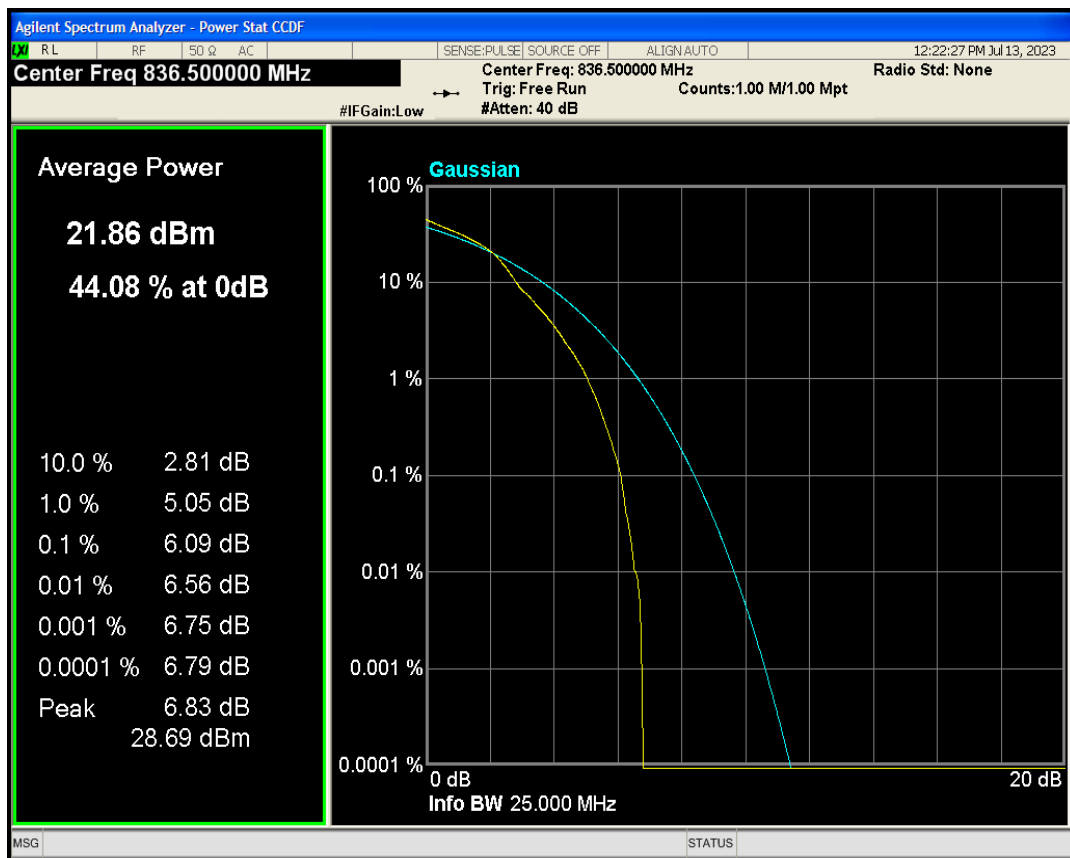
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



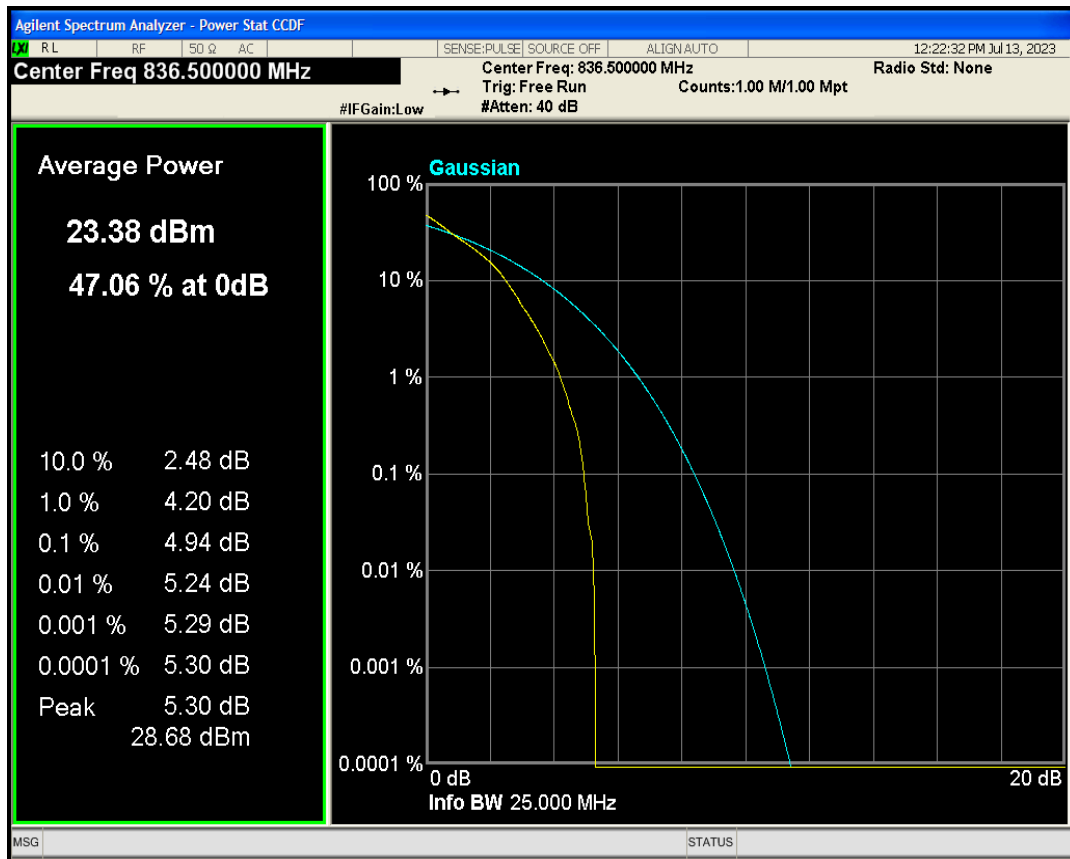
Band5 QAM16 BW=3MHz Channel=20525 RB Size=1 Position=#0



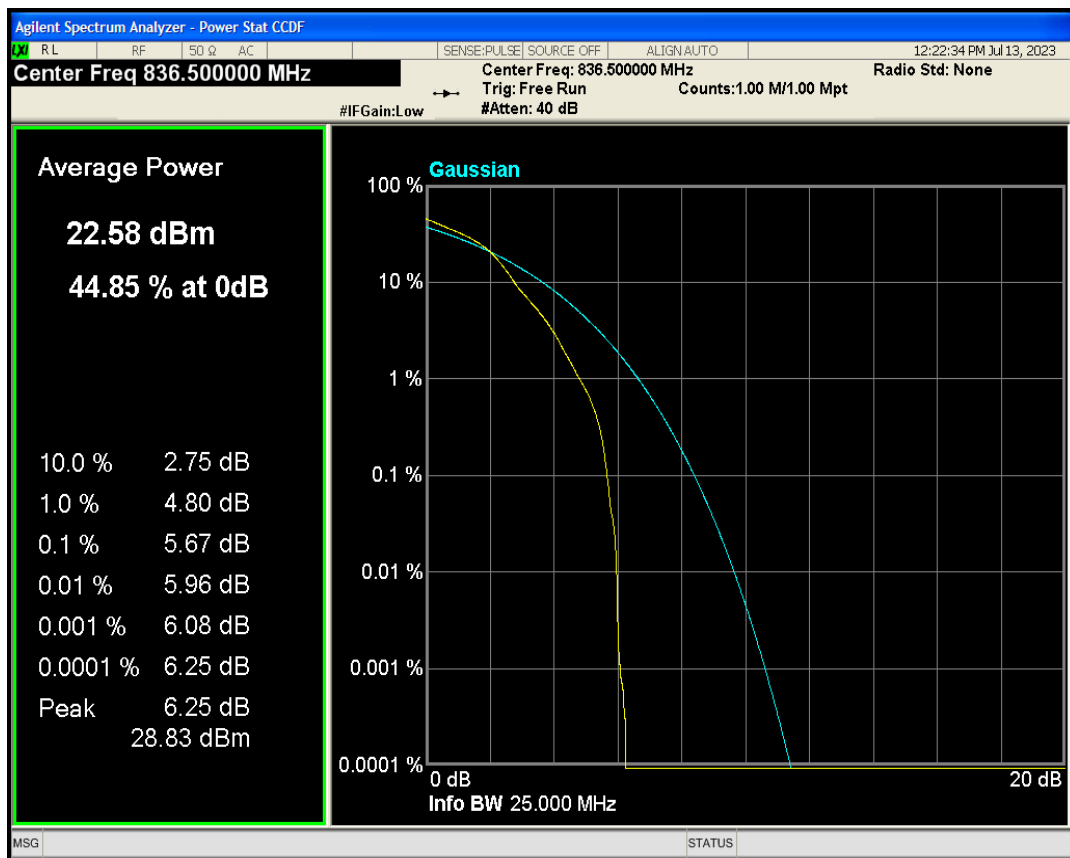
Band5 QAM16 BW=5MHz Channel=20525 RB Size=1 Position=#0



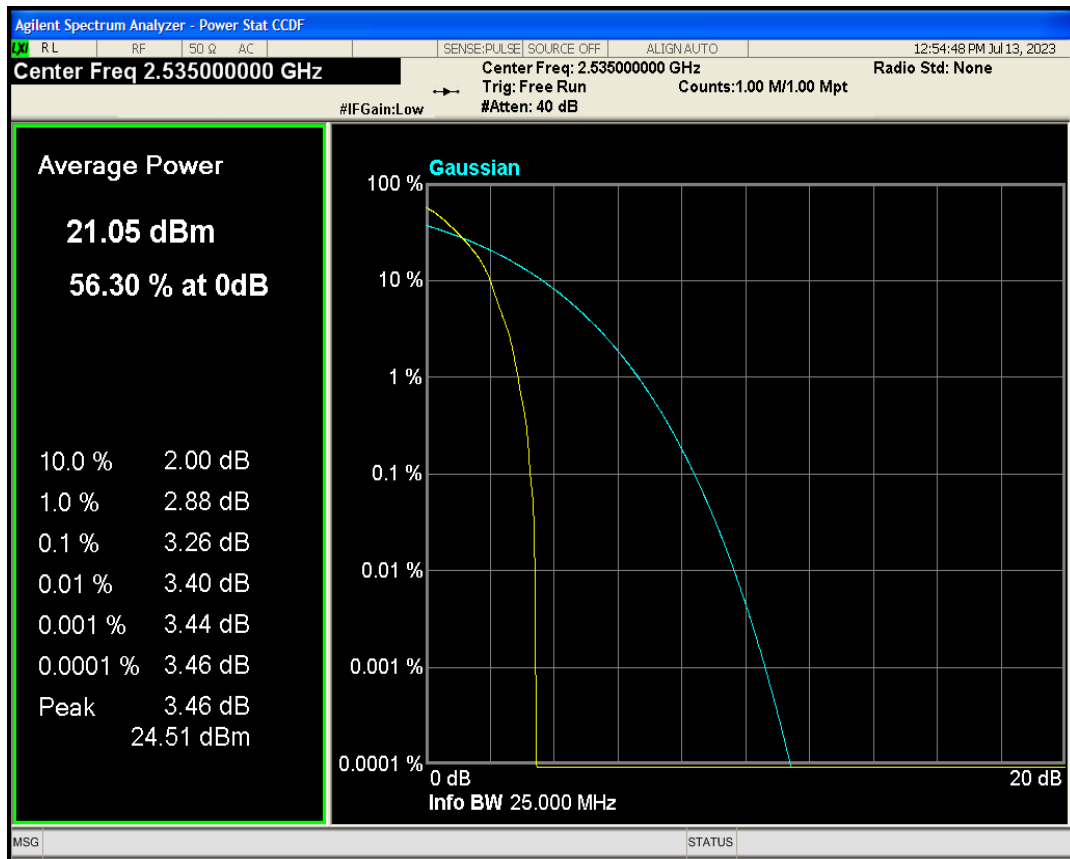
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



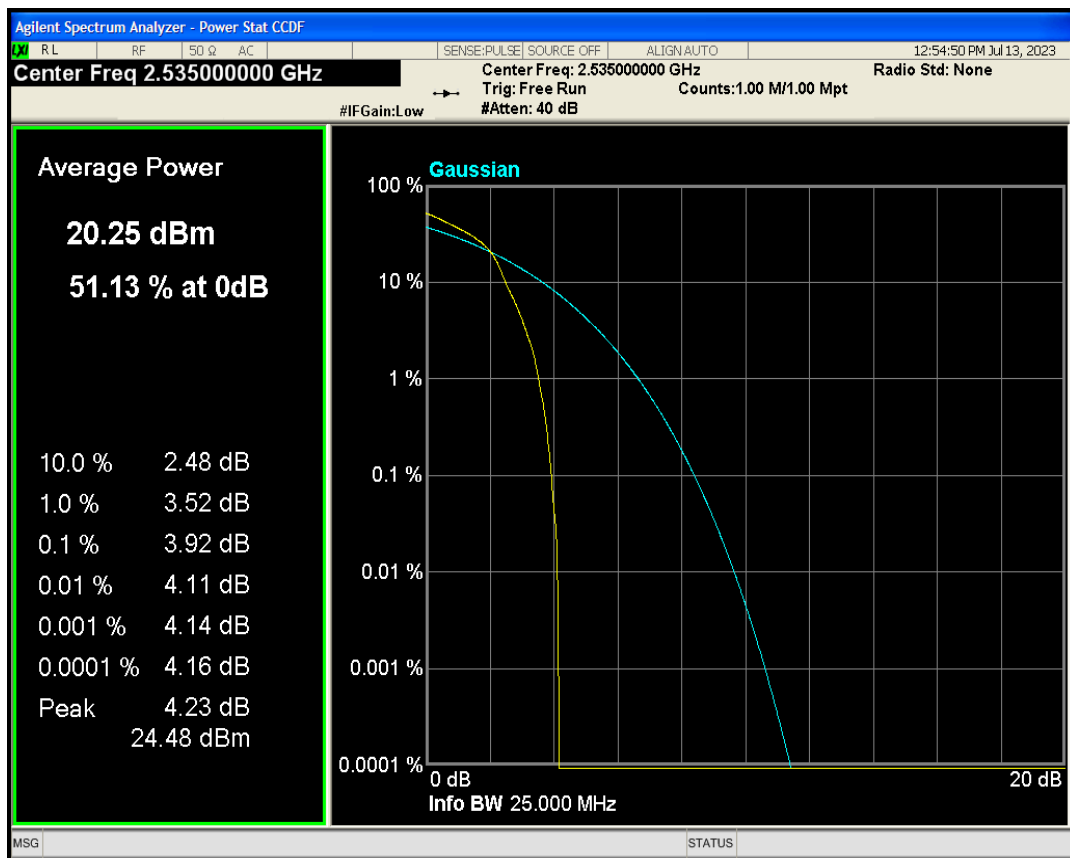
Band5 QAM16 BW=10MHz Channel=20525 RB Size=1 Position=#0



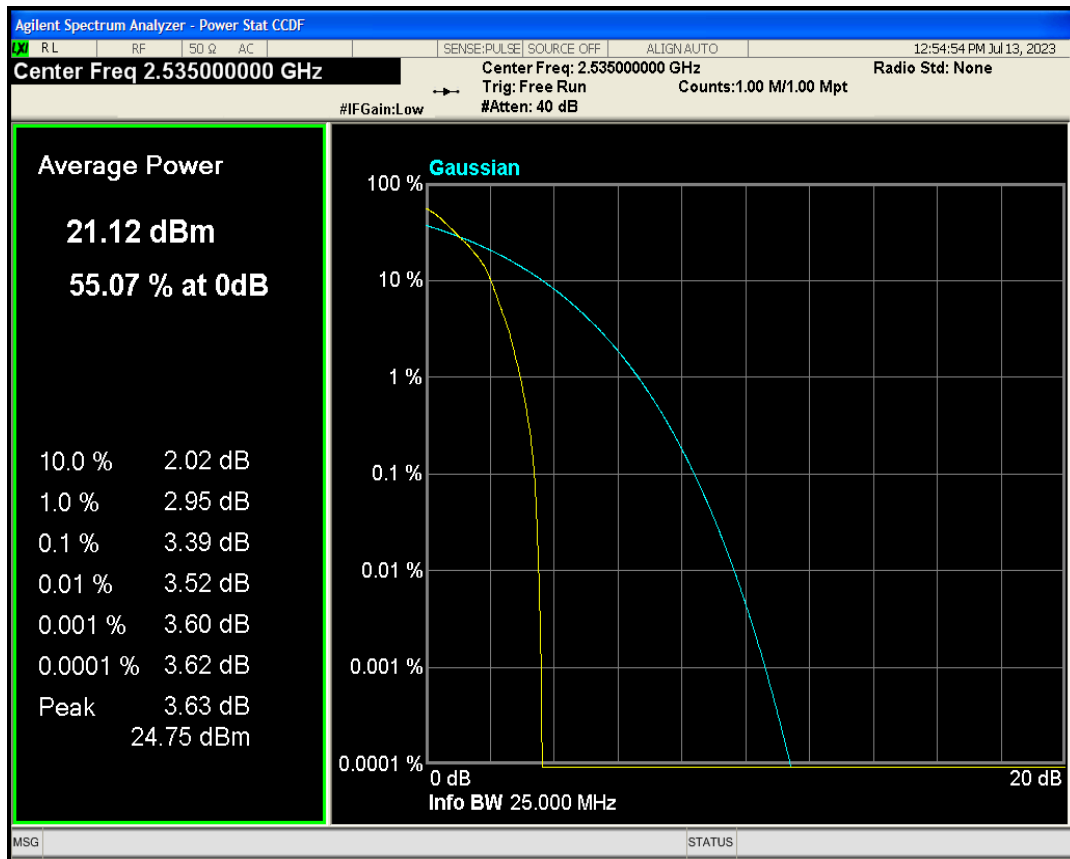
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



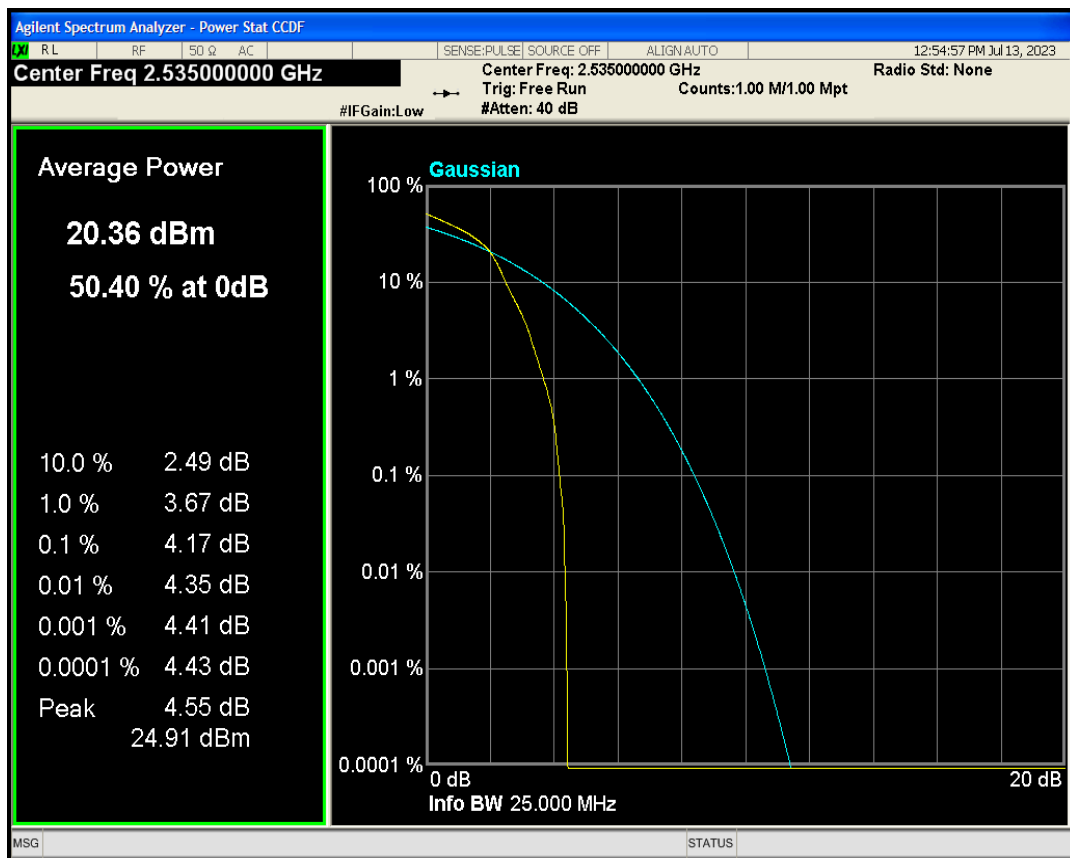
Band7 QAM16 BW=5MHz Channel=21100 RB Size=1 Position=#0



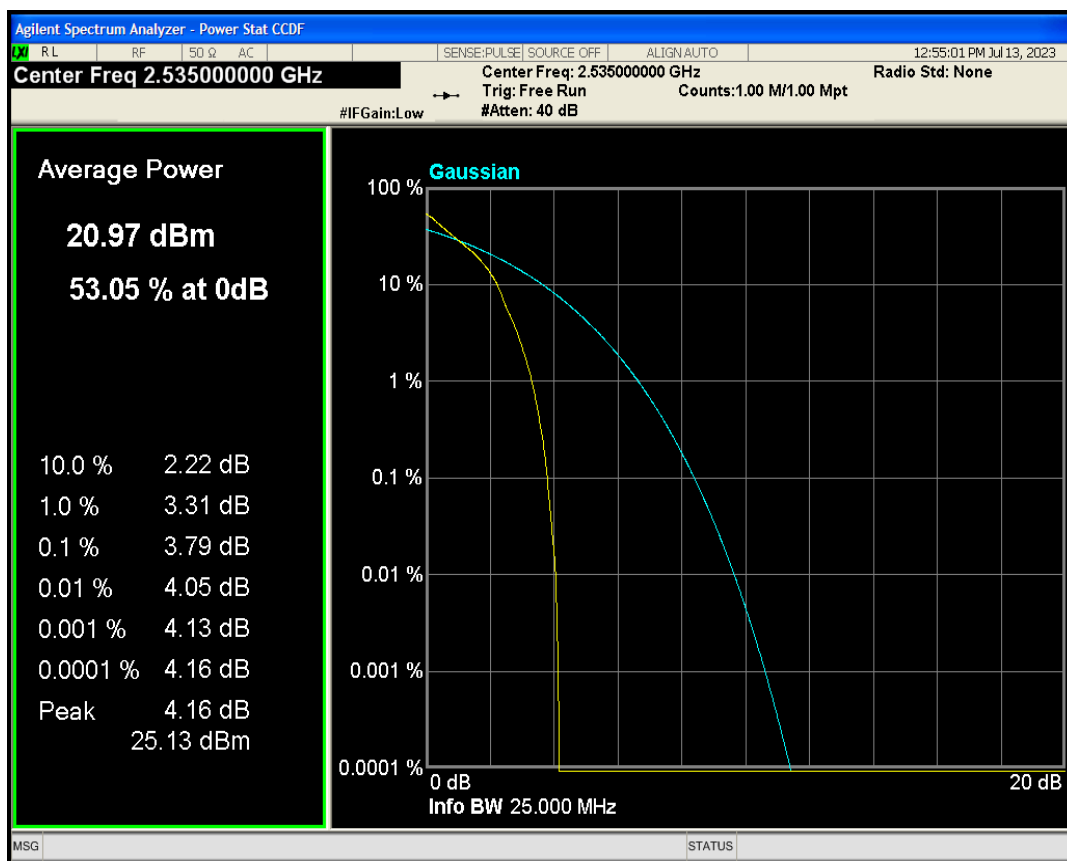
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



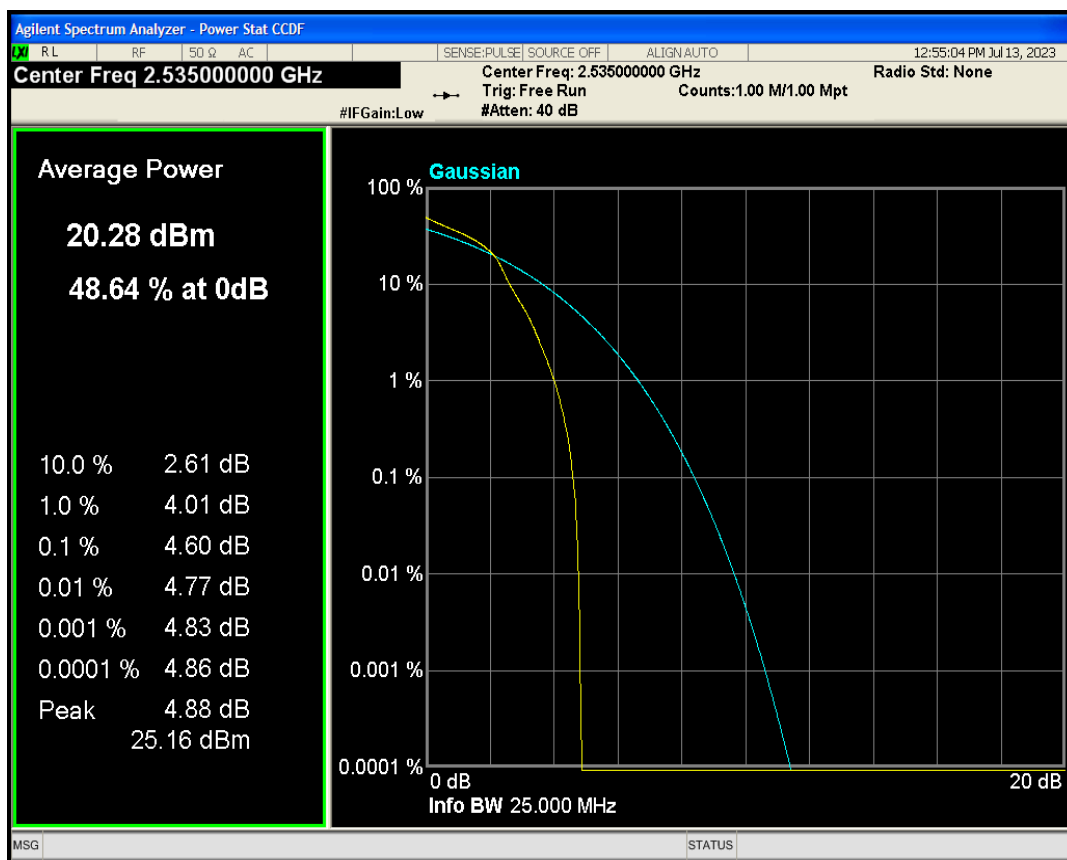
Band7 QAM16 BW=10MHz Channel=21100 RB Size=1 Position=#0



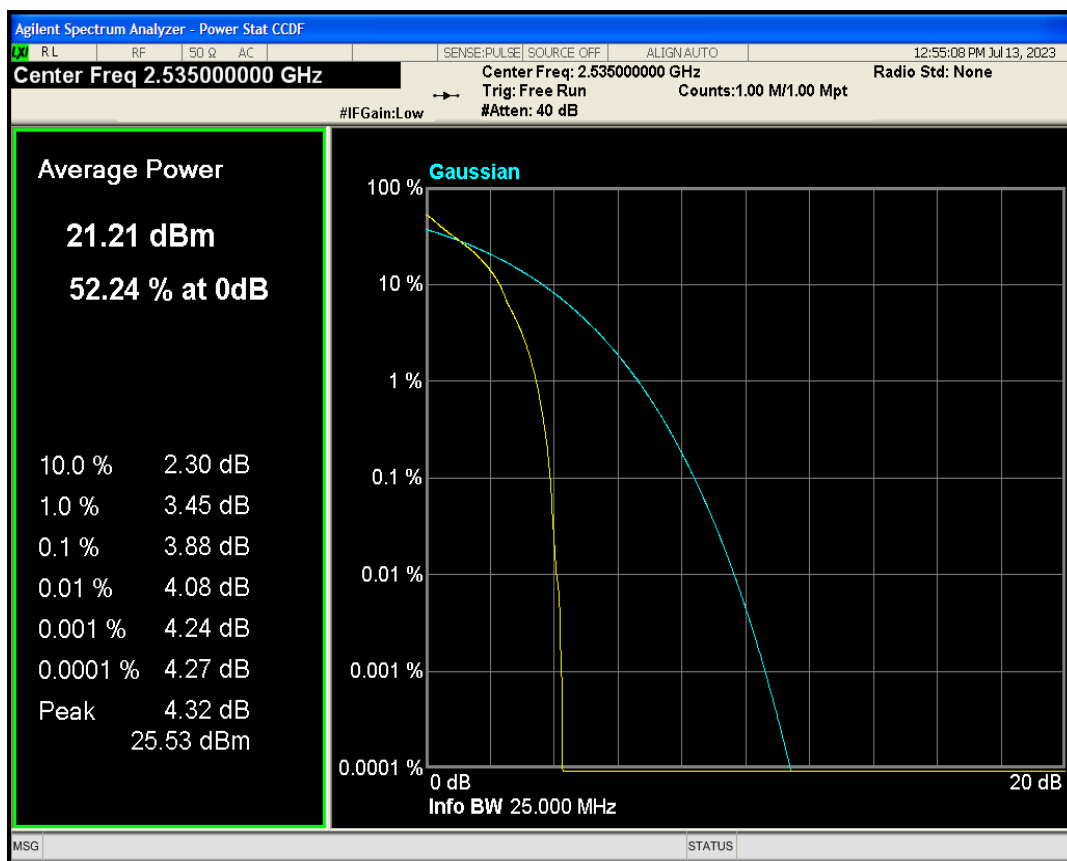
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



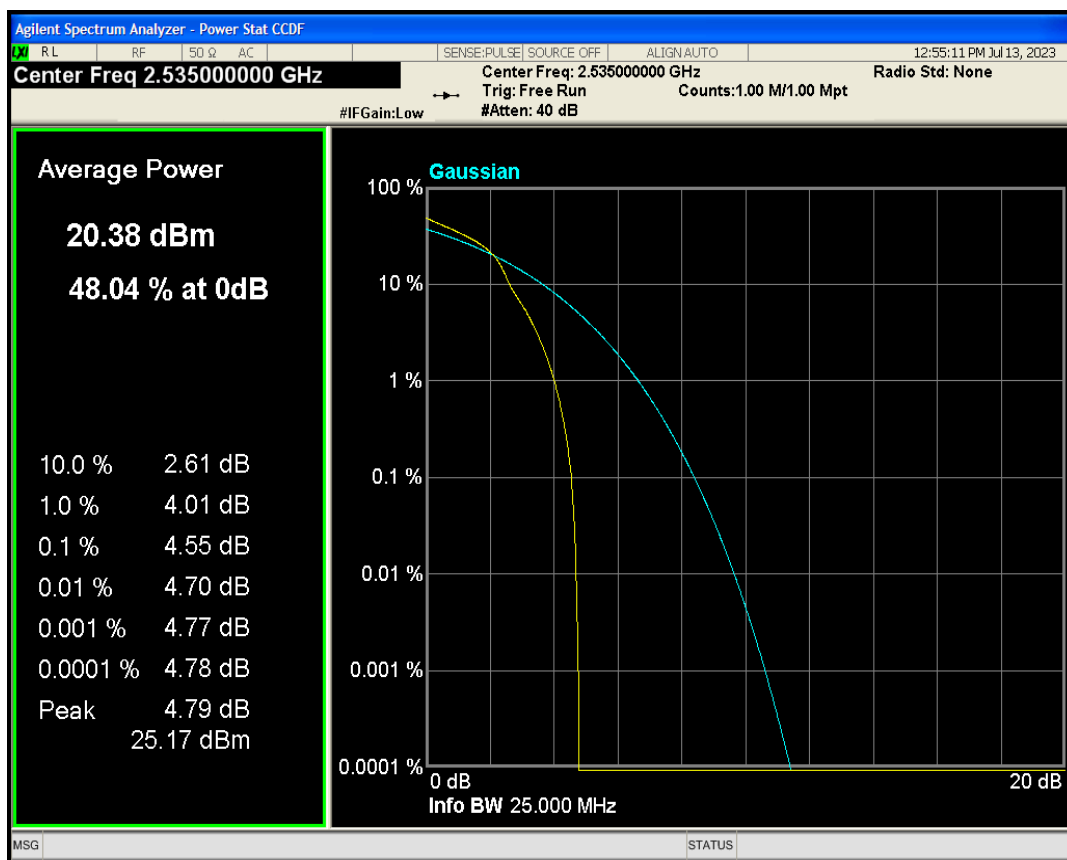
Band7 QAM16 BW=15MHz Channel=21100 RB Size=1 Position=#0



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



Band7 QAM16 BW=20MHz Channel=21100 RB Size=1 Position=#0



4 Occupied bandwidth

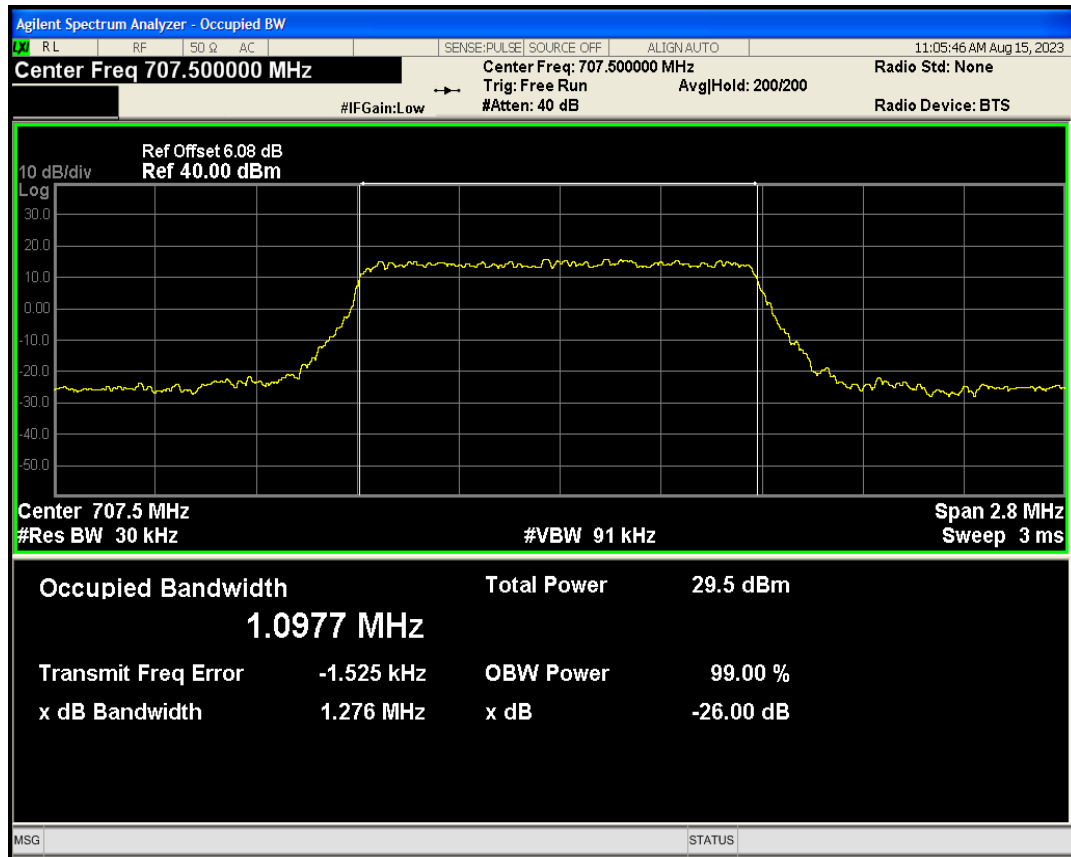
Report

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band12	1.4	23095	6	#0	QPSK	1.098	1.276	PASS
Band12	1.4	23095	6	#0	QAM16	1.104	1.287	PASS
Band12	3	23095	15	#0	QPSK	2.703	2.970	PASS
Band12	3	23095	15	#0	QAM16	2.702	3.006	PASS
Band12	5	23095	25	#0	QPSK	4.528	4.925	PASS
Band12	5	23095	25	#0	QAM16	4.515	4.955	PASS
Band12	10	23095	50	#0	QPSK	9.010	9.784	PASS
Band12	10	23095	50	#0	QAM16	8.962	9.756	PASS
Band2	1.4	18900	6	#0	QPSK	1.092	1.280	PASS
Band2	1.4	18900	6	#0	QAM16	1.101	1.302	PASS
Band2	3	18900	15	#0	QPSK	2.705	2.988	PASS
Band2	3	18900	15	#0	QAM16	2.692	3.014	PASS
Band2	5	18900	25	#0	QPSK	4.510	4.972	PASS
Band2	5	18900	25	#0	QAM16	4.506	4.970	PASS
Band2	10	18900	50	#0	QPSK	8.968	9.864	PASS
Band2	10	18900	50	#0	QAM16	9.000	9.732	PASS
Band2	15	18900	75	#0	QPSK	13.449	14.528	PASS
Band2	15	18900	75	#0	QAM16	13.461	14.597	PASS
Band2	20	18900	100	#0	QPSK	17.982	19.115	PASS
Band2	20	18900	100	#0	QAM16	18.021	19.257	PASS
Band4	1.4	20175	6	#0	QPSK	1.094	1.291	PASS
Band4	1.4	20175	6	#0	QAM16	1.104	1.288	PASS
Band4	3	20175	15	#0	QPSK	2.695	2.966	PASS
Band4	3	20175	15	#0	QAM16	2.702	2.966	PASS
Band4	5	20175	25	#0	QPSK	4.519	4.959	PASS
Band4	5	20175	25	#0	QAM16	4.506	4.986	PASS
Band4	10	20175	50	#0	QPSK	8.978	9.892	PASS
Band4	10	20175	50	#0	QAM16	8.975	9.787	PASS
Band4	15	20175	75	#0	QPSK	13.428	14.597	PASS
Band4	15	20175	75	#0	QAM16	13.481	14.569	PASS
Band4	20	20175	100	#0	QPSK	17.954	19.408	PASS
Band4	20	20175	100	#0	QAM16	17.952	20.002	PASS
Band5	1.4	20525	6	#0	QPSK	1.096	1.272	PASS
Band5	1.4	20525	6	#0	QAM16	1.099	1.285	PASS
Band5	3	20525	15	#0	QPSK	2.706	3.004	PASS
Band5	3	20525	15	#0	QAM16	2.687	2.991	PASS
Band5	5	20525	25	#0	QPSK	4.503	4.950	PASS
Band5	5	20525	25	#0	QAM16	4.498	4.983	PASS
Band5	10	20525	50	#0	QPSK	8.974	9.847	PASS
Band5	10	20525	50	#0	QAM16	8.955	9.824	PASS
Band7	5	21100	25	#0	QPSK	4.524	4.928	PASS
Band7	5	21100	25	#0	QAM16	4.497	4.985	PASS
Band7	10	21100	50	#0	QPSK	8.969	9.713	PASS

Report

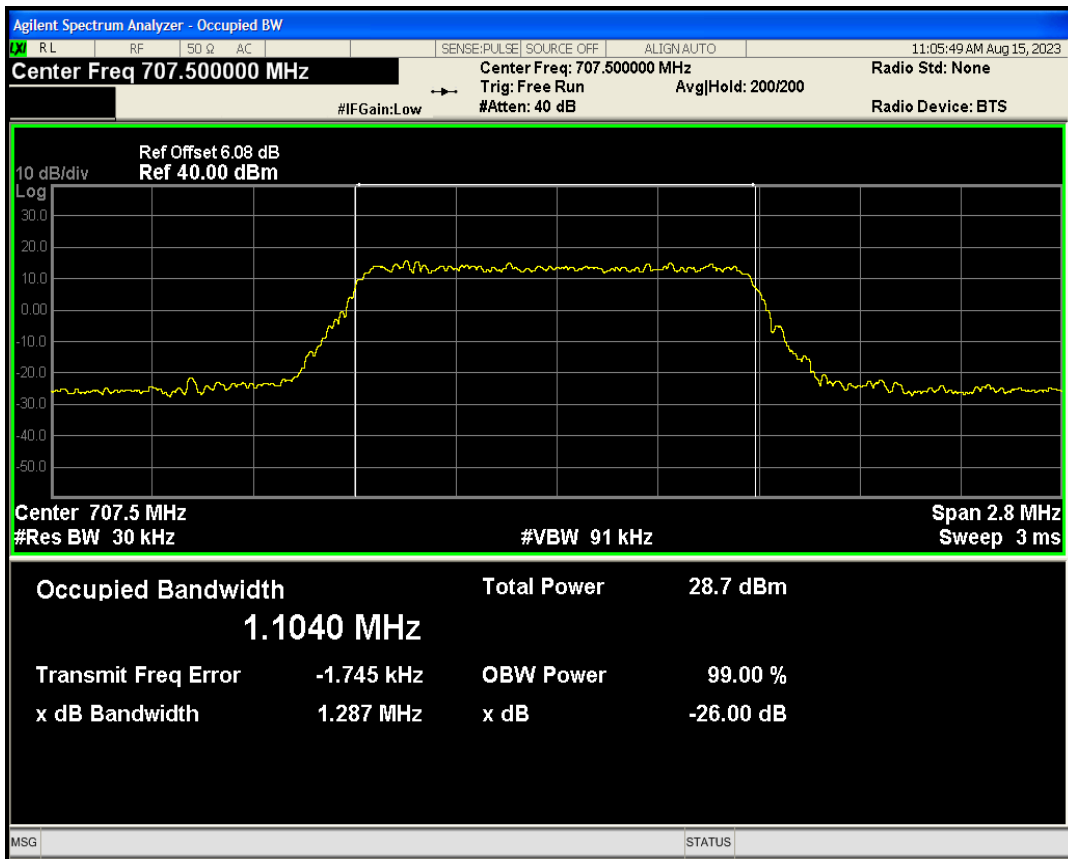
Band7	10	21100	50	#0	QAM16	8.990	9.823	PASS
Band7	15	21100	75	#0	QPSK	13.440	14.630	PASS
Band7	15	21100	75	#0	QAM16	13.447	14.747	PASS
Band7	20	21100	100	#0	QPSK	17.963	19.317	PASS
Band7	20	21100	100	#0	QAM16	17.923	19.279	PASS

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

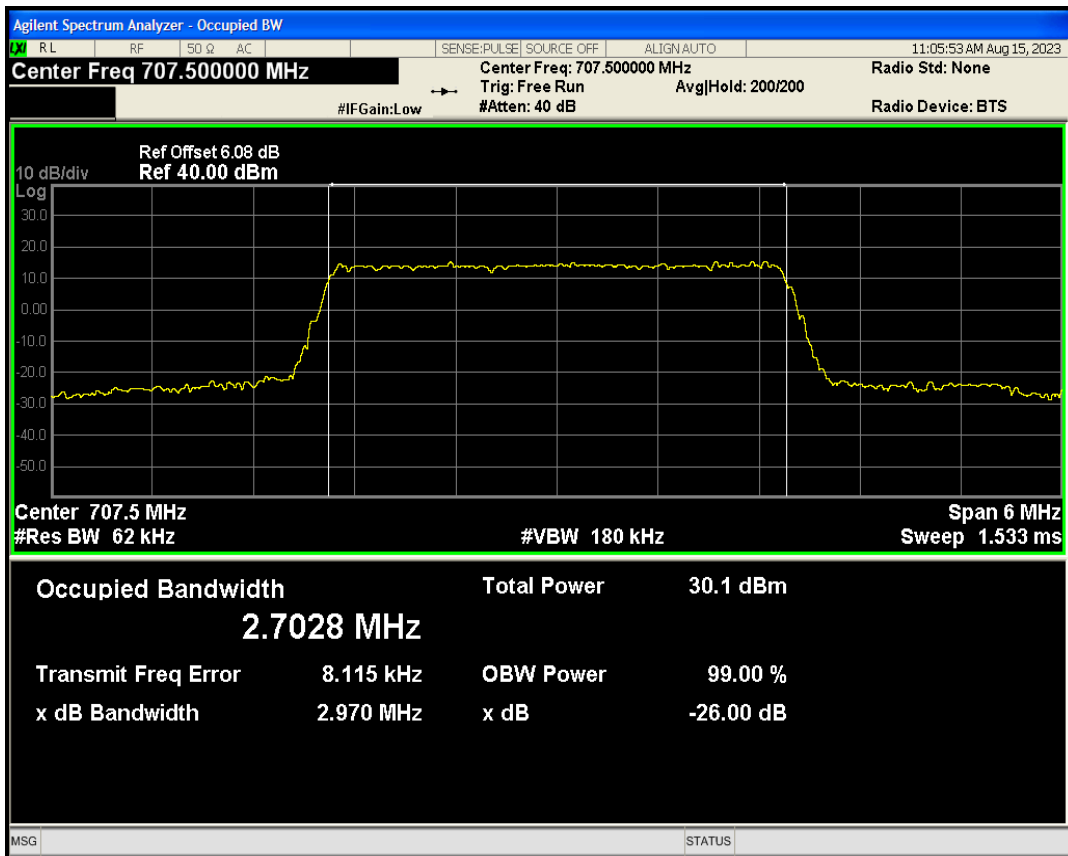


Band12 QAM16 BW=1.4MHz Channel=23095 RB Size=6 Position=#0

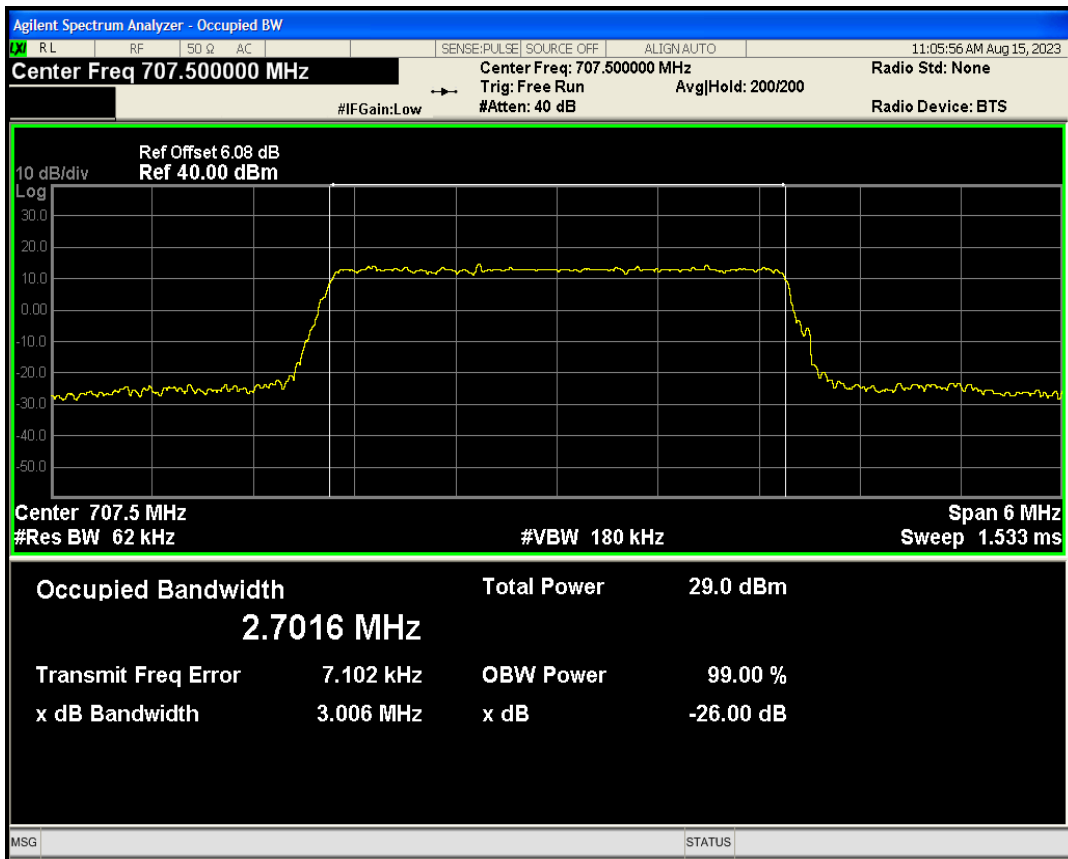
Report



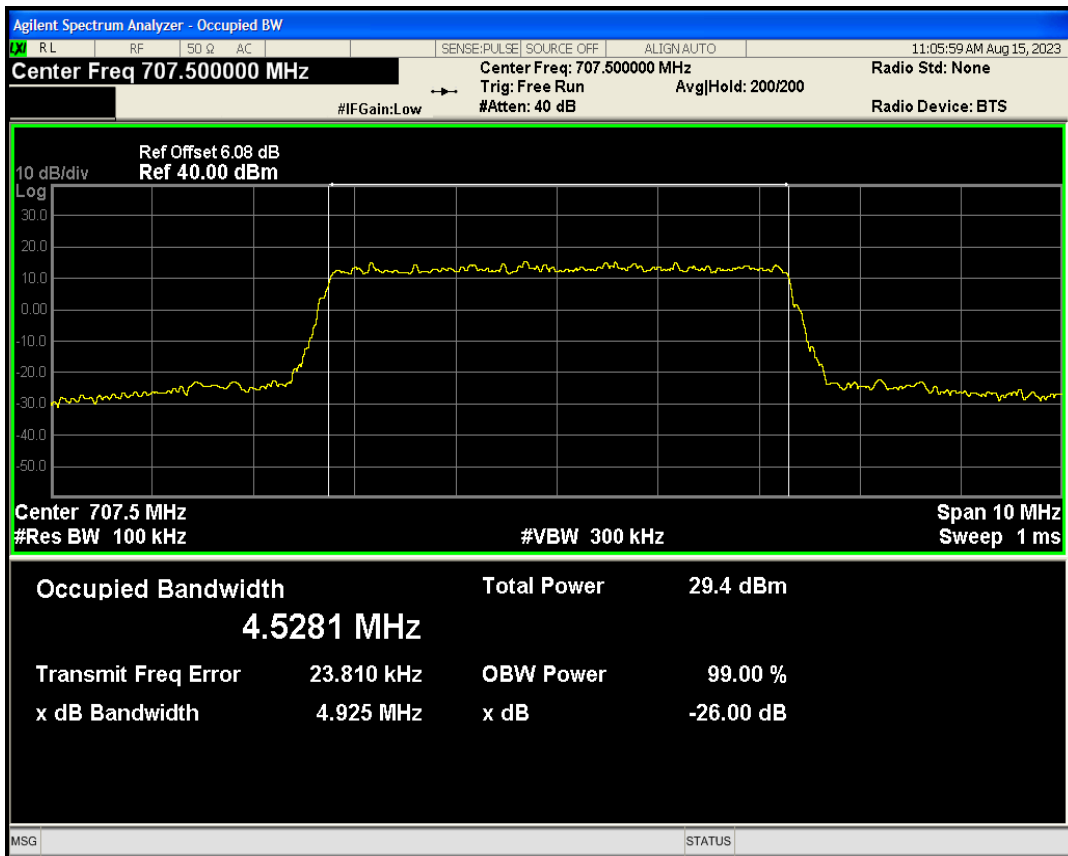
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



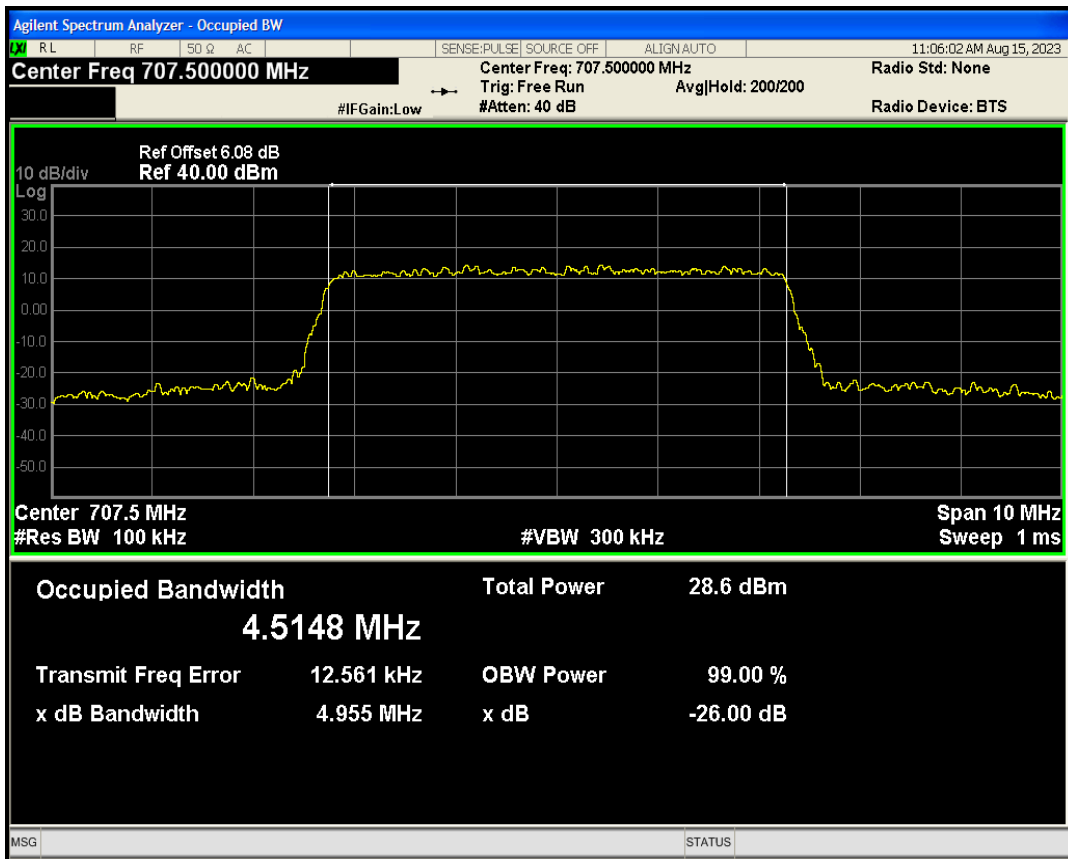
Band12 QAM16 BW=3MHz Channel=23095 RB Size=15 Position=#0



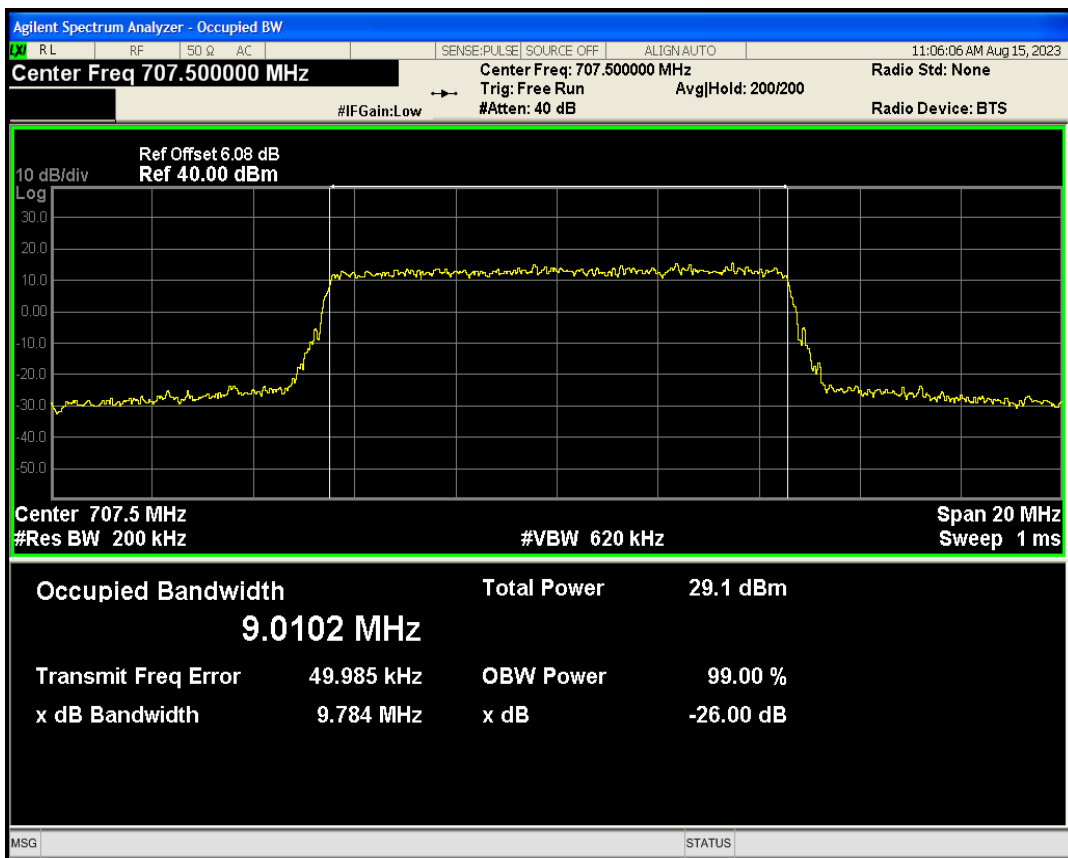
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



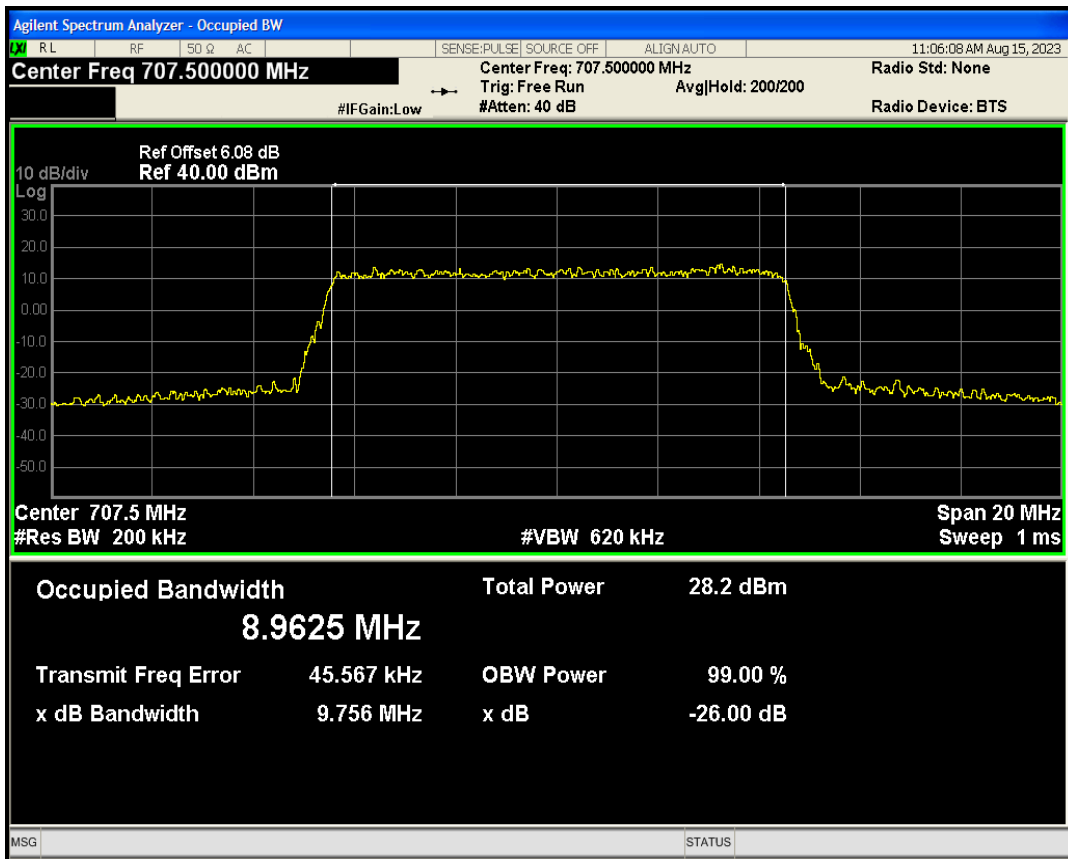
Band12 QAM16 BW=5MHz Channel=23095 RB Size=25 Position=#0



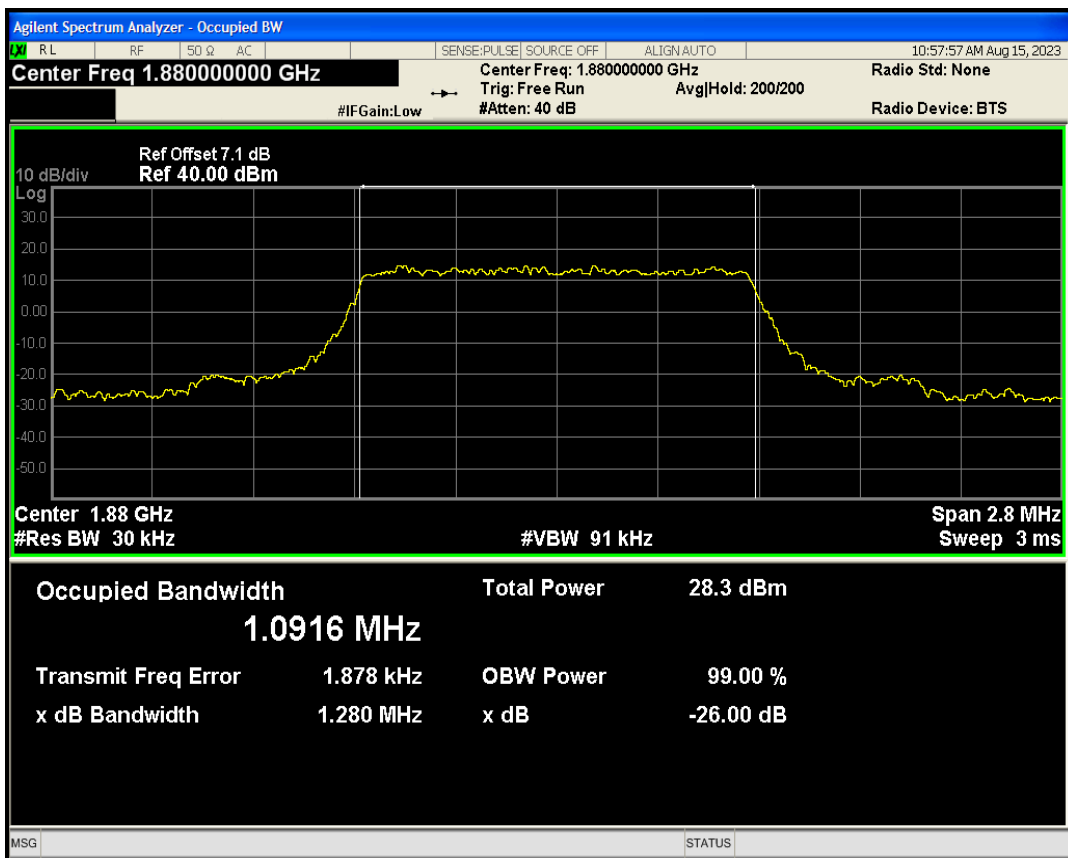
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



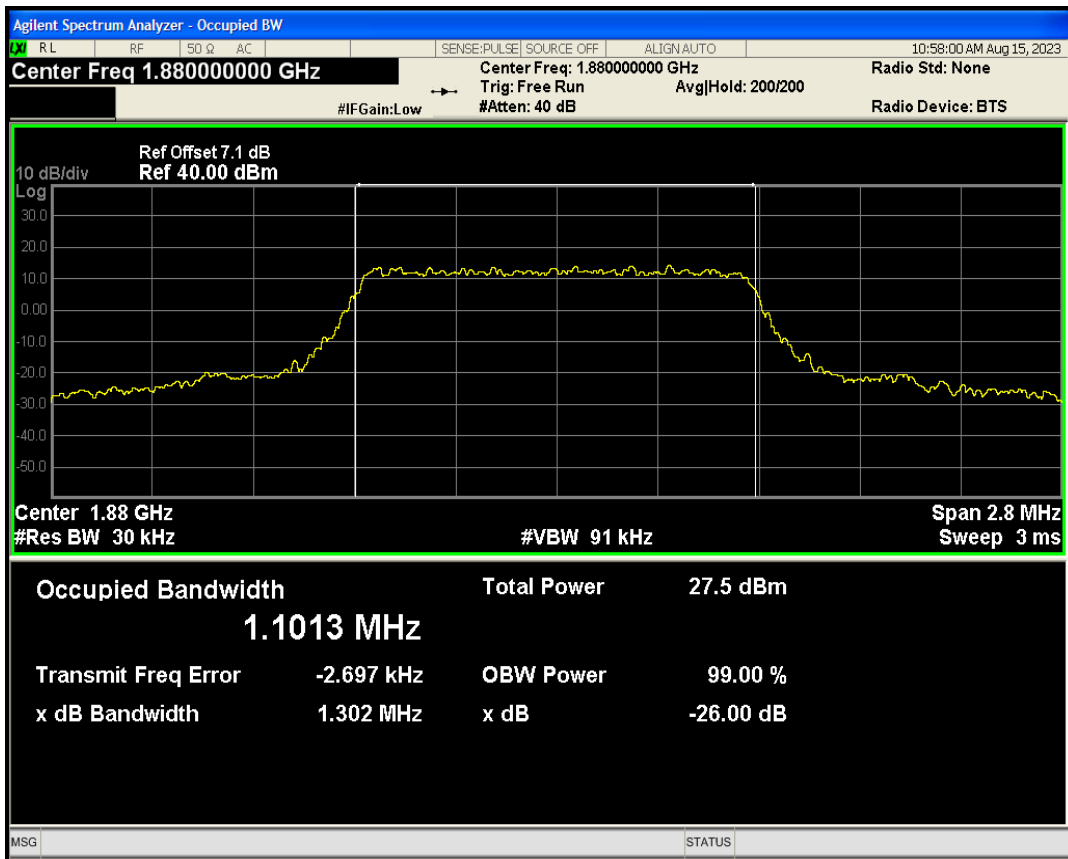
Band12 QAM16 BW=10MHz Channel=23095 RB Size=50 Position=#0



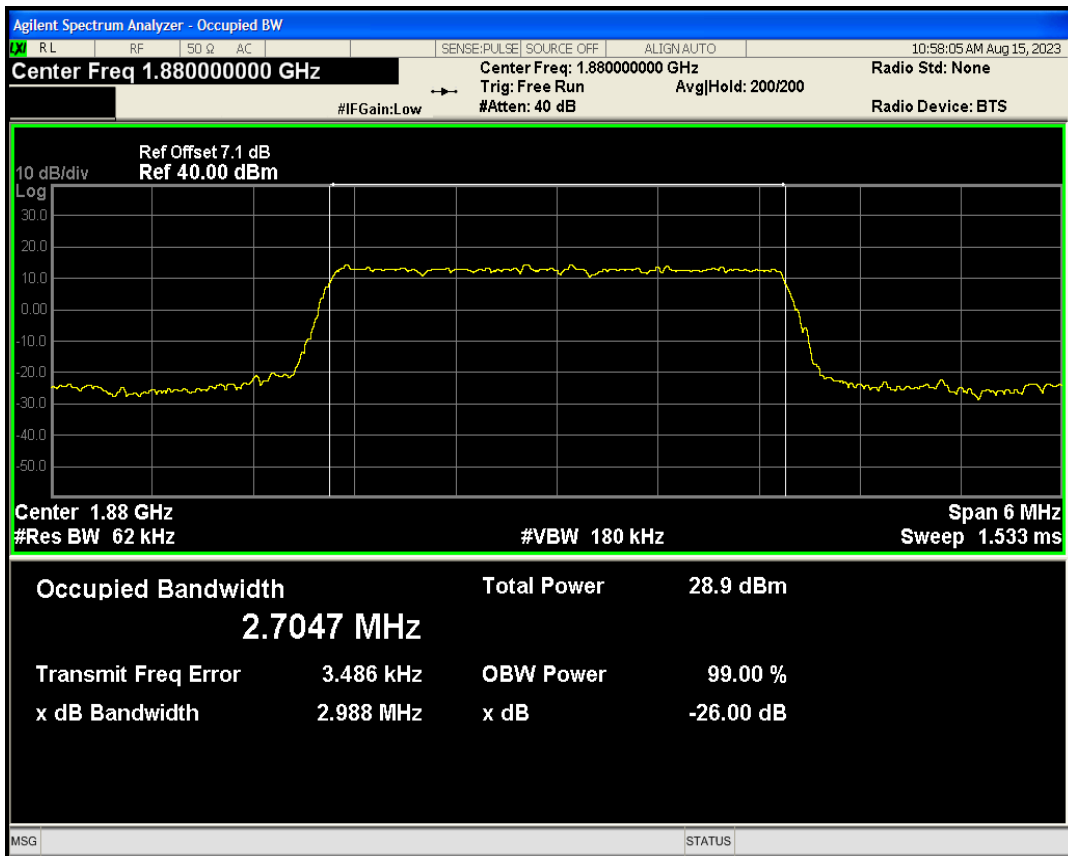
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



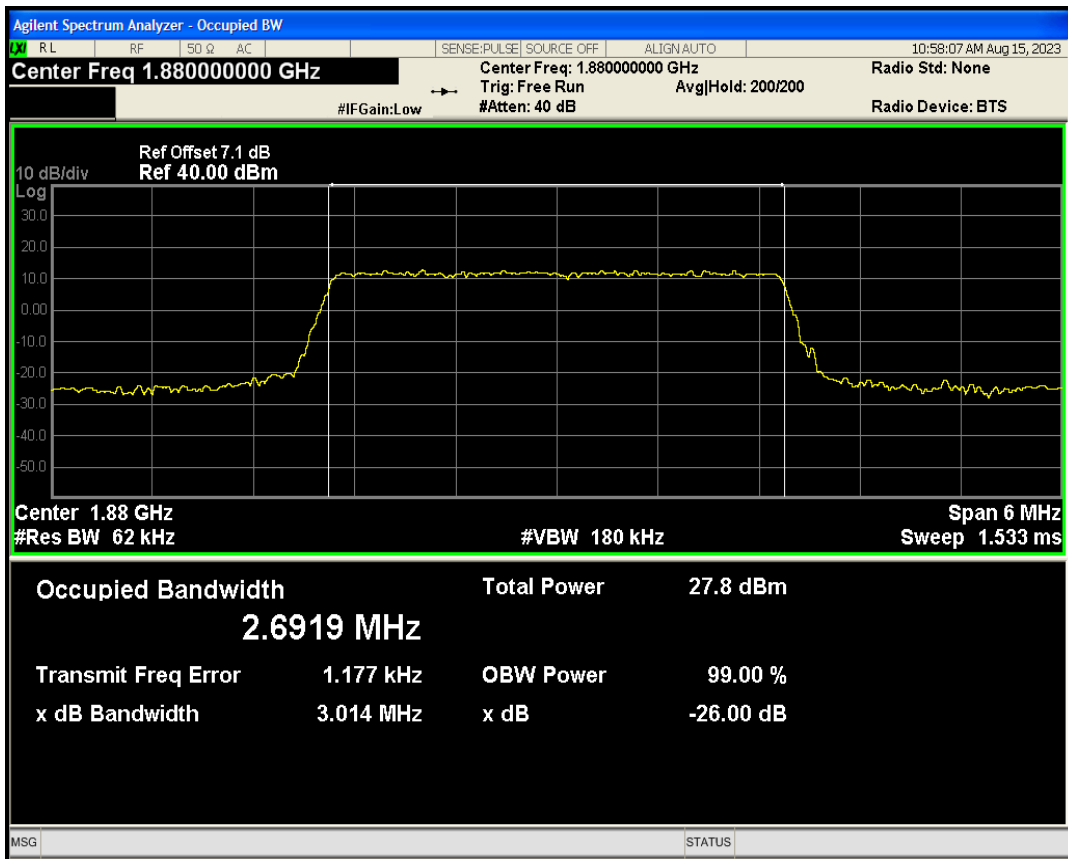
Band2 QAM16 BW=1.4MHz Channel=18900 RB Size=6 Position=#0



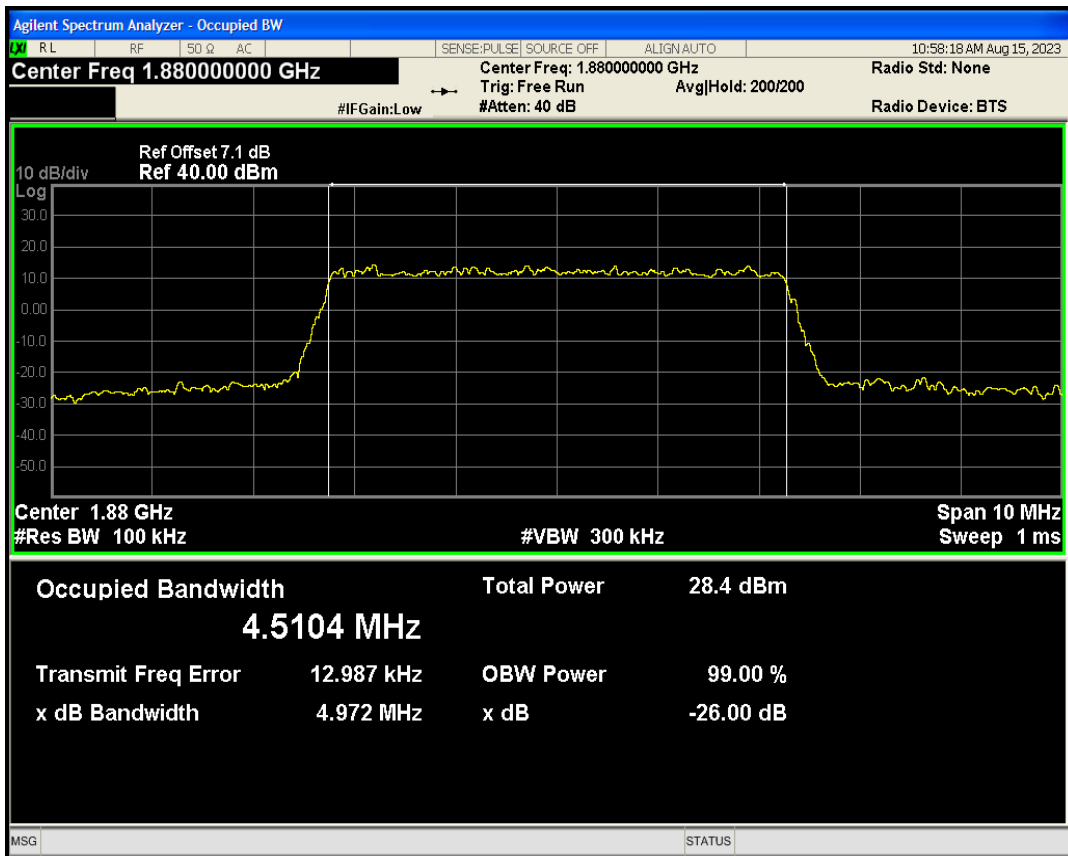
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



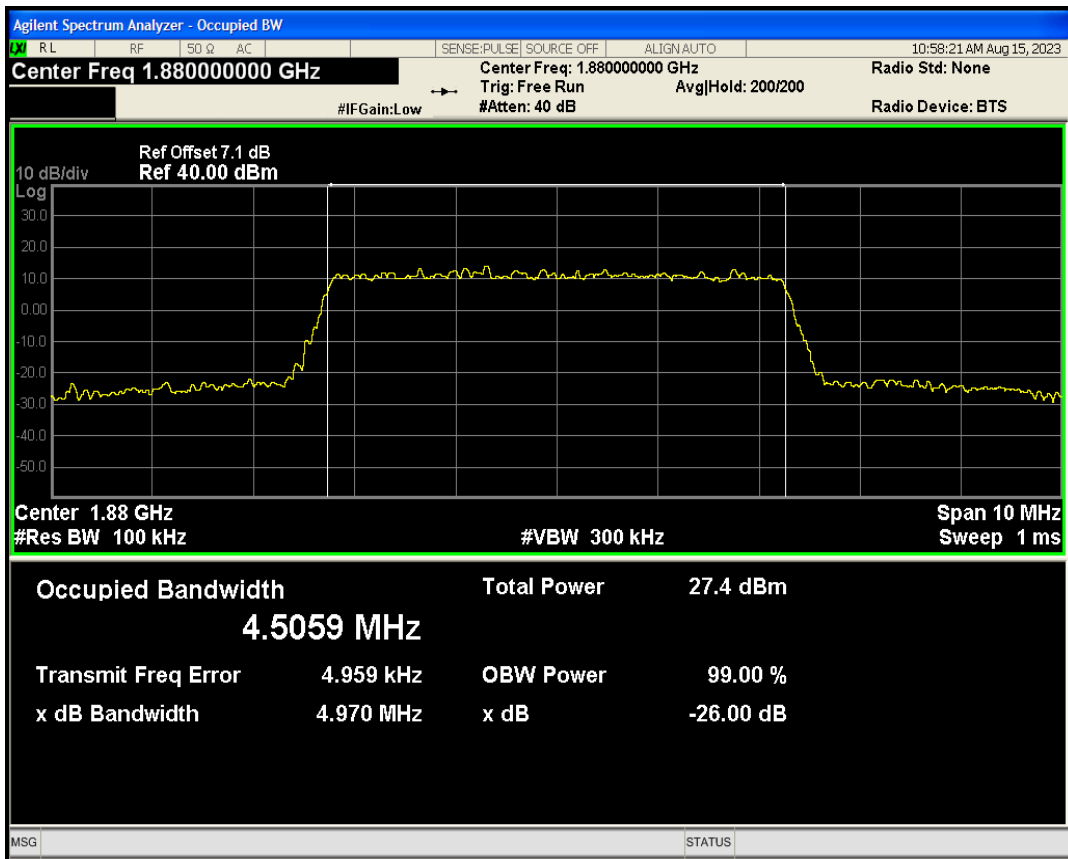
Band2 QAM16 BW=3MHz Channel=18900 RB Size=15 Position=#0



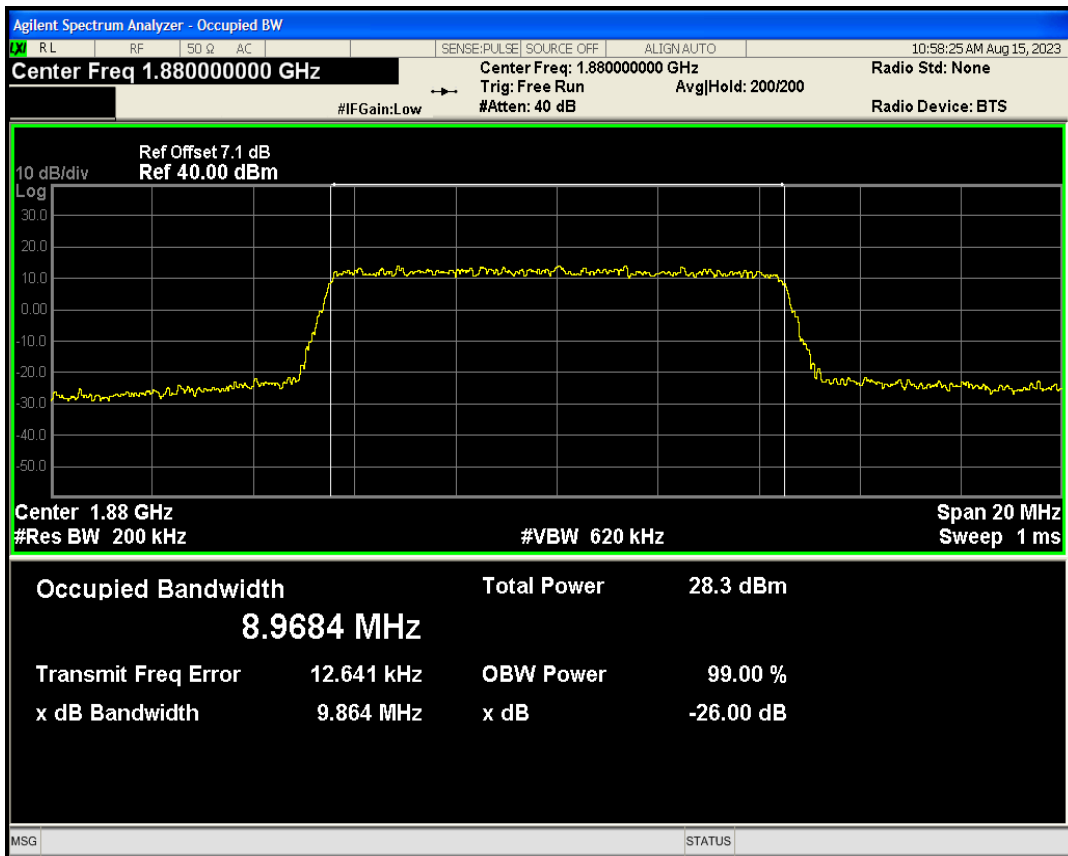
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



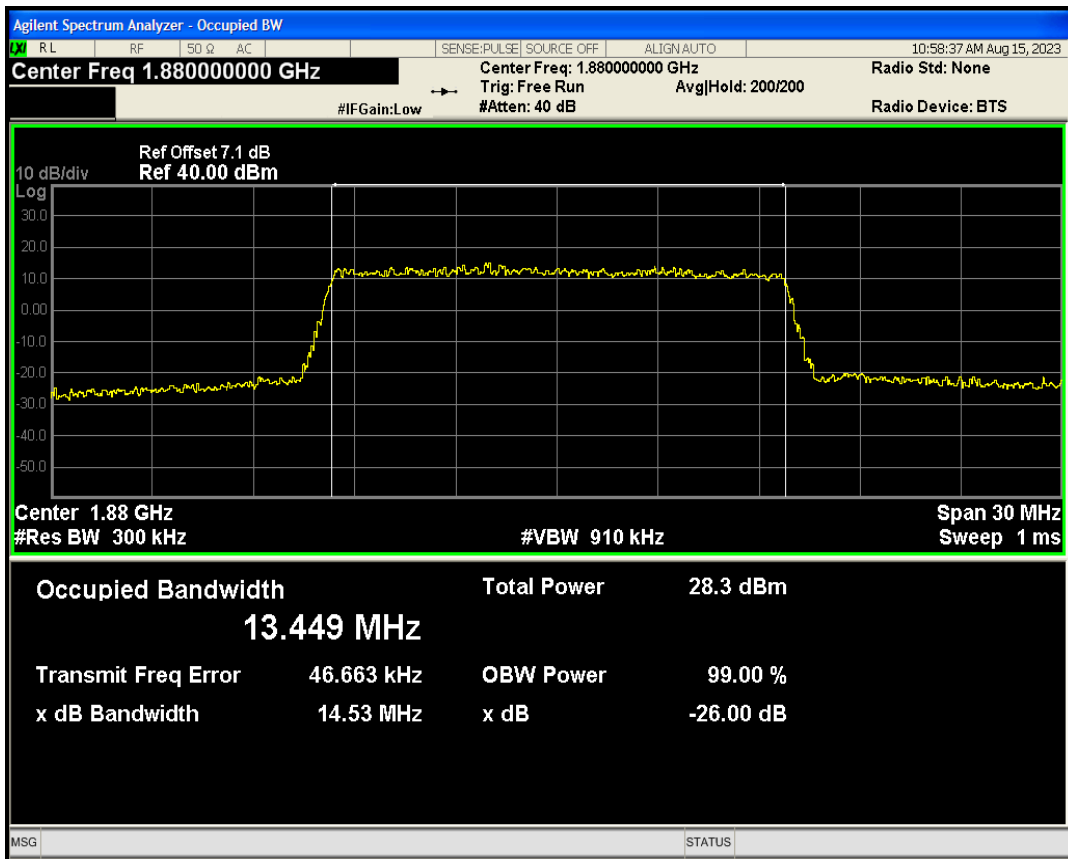
Band2 QAM16 BW=5MHz Channel=18900 RB Size=25 Position=#0



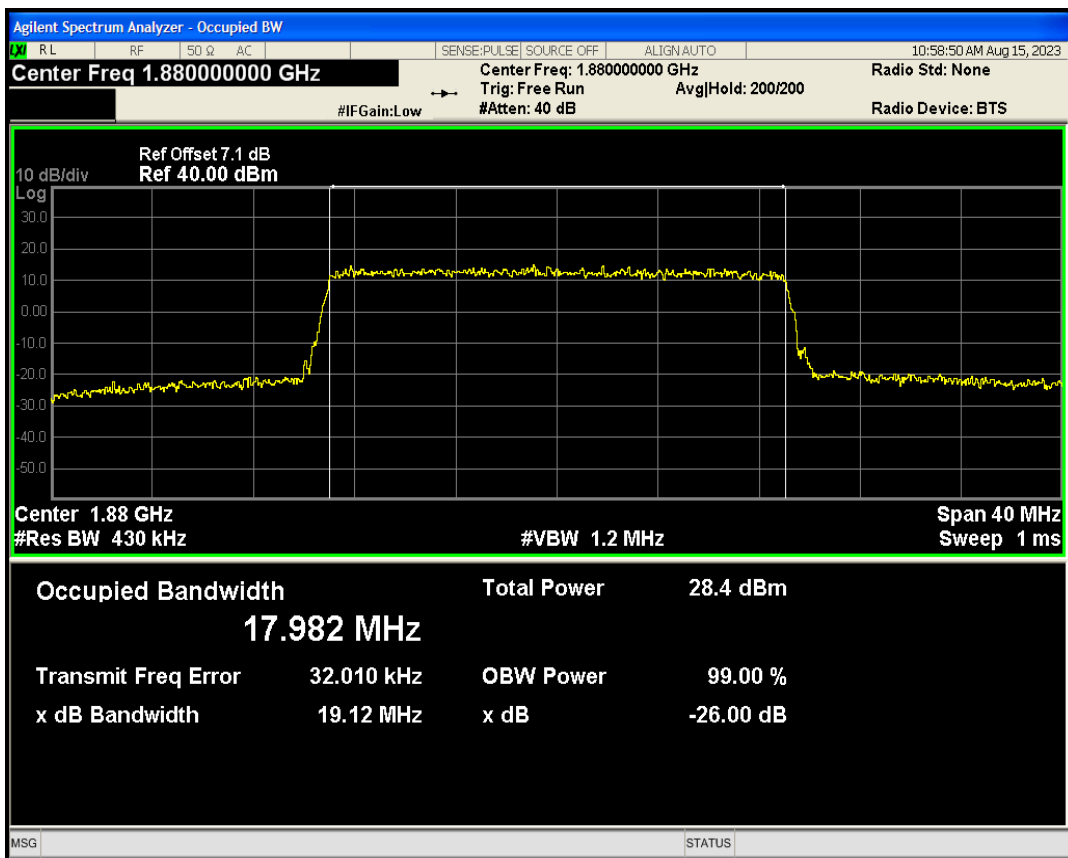
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



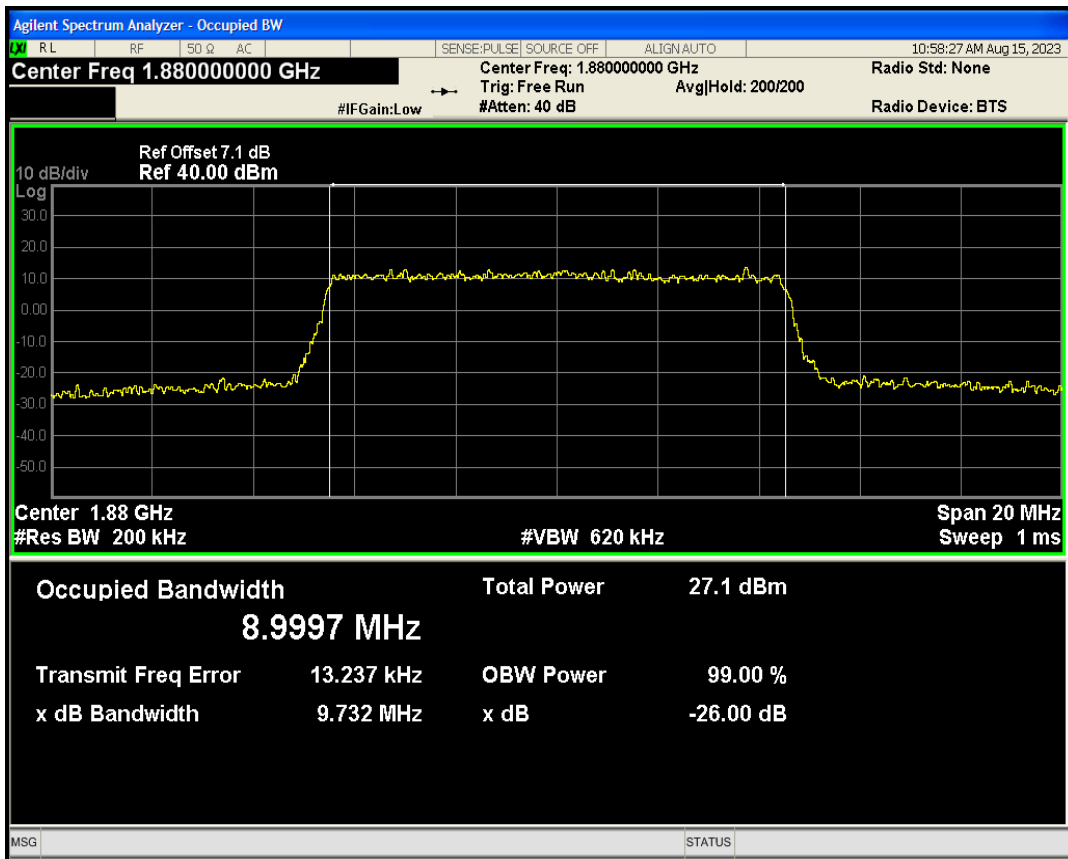
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



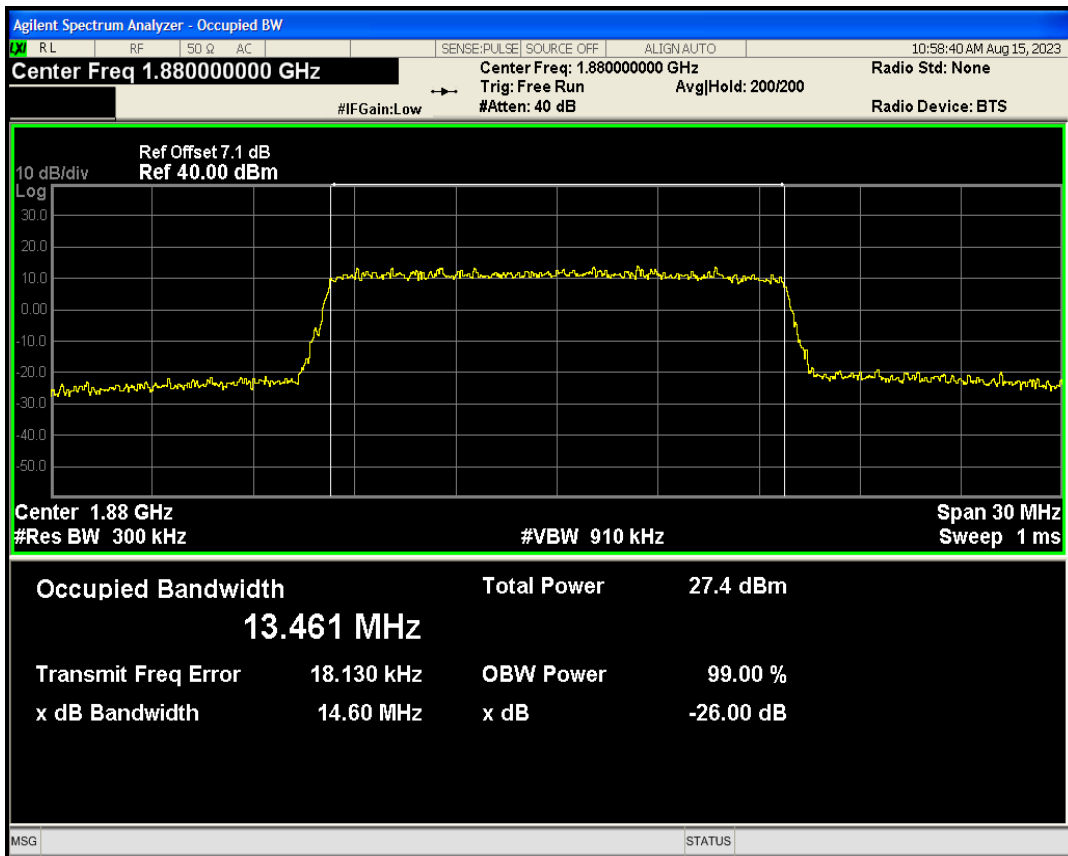
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



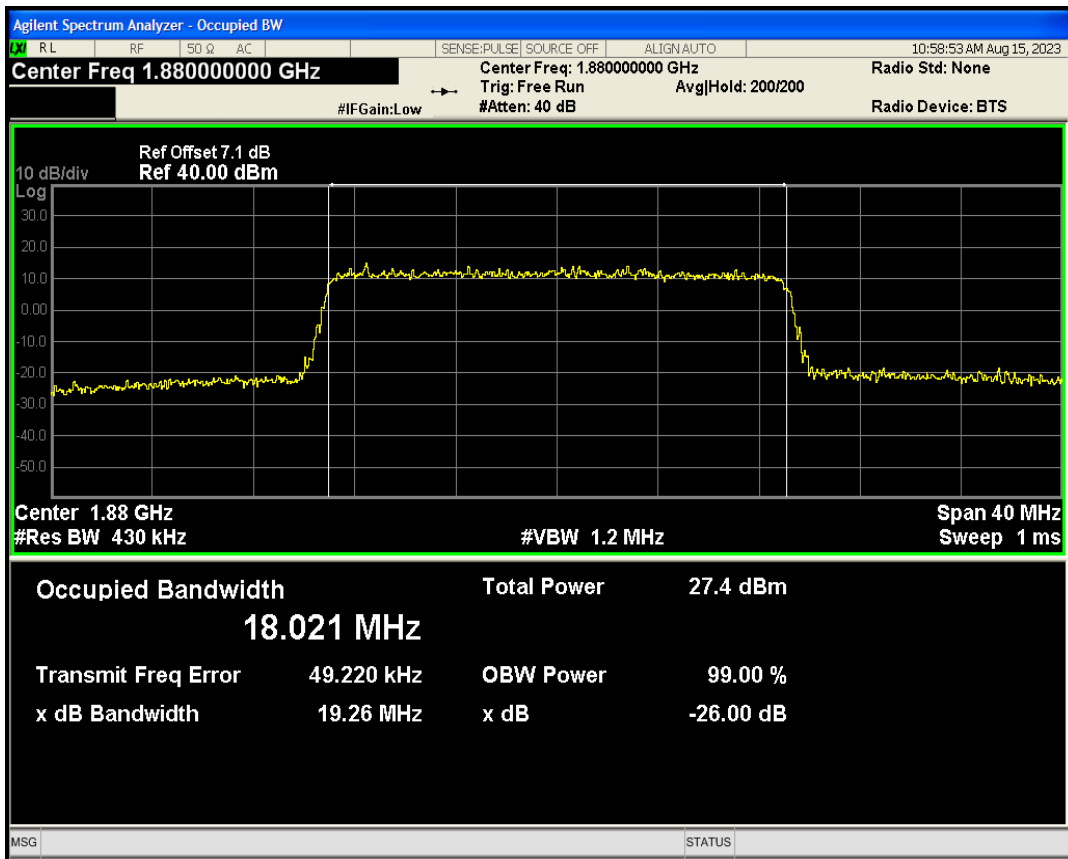
Band2 QAM16 BW=10MHz Channel=18900 RB Size=50 Position=#0



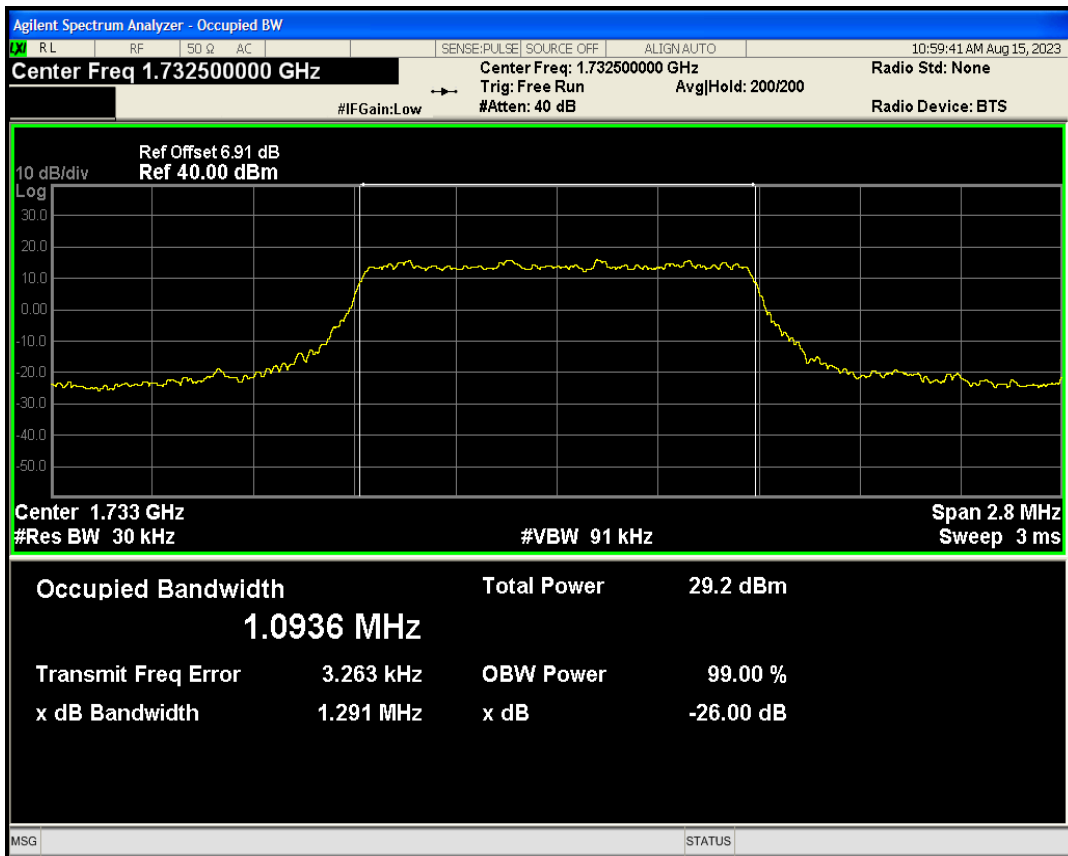
Band2 QAM16 BW=15MHz Channel=18900 RB Size=75 Position=#0



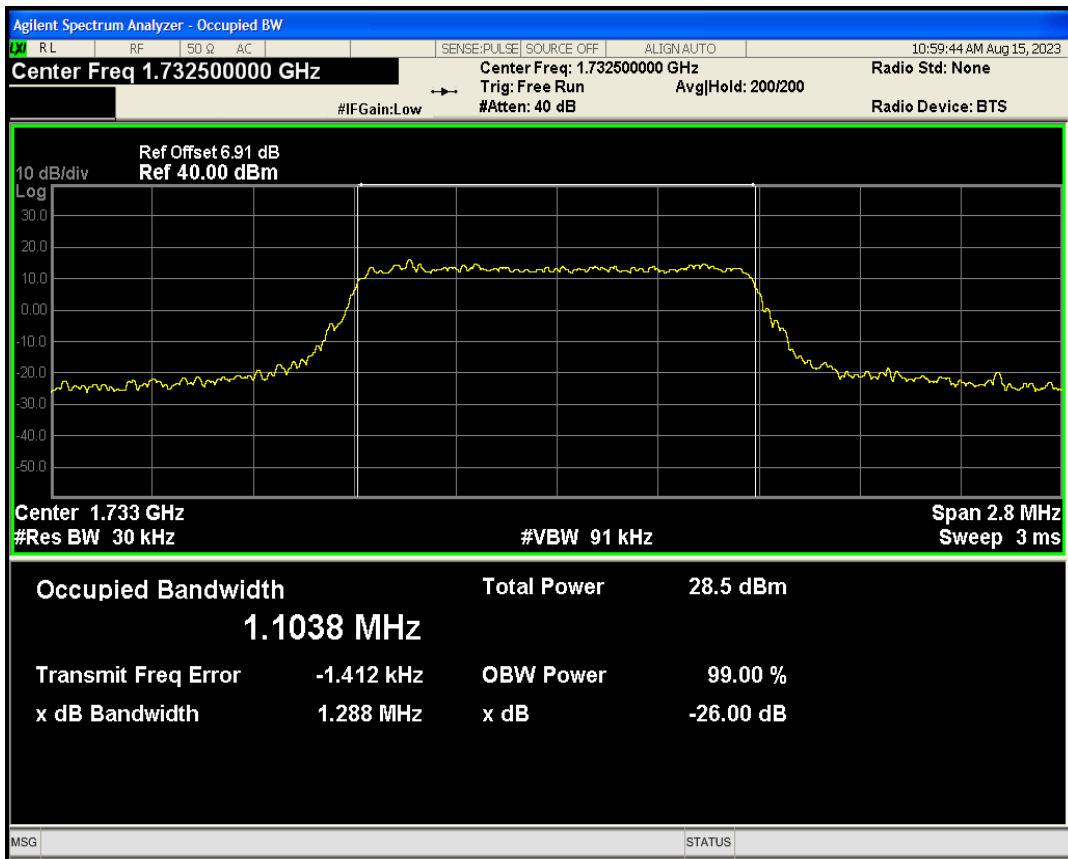
Band2 QAM16 BW=20MHz Channel=18900 RB Size=100 Position=#0



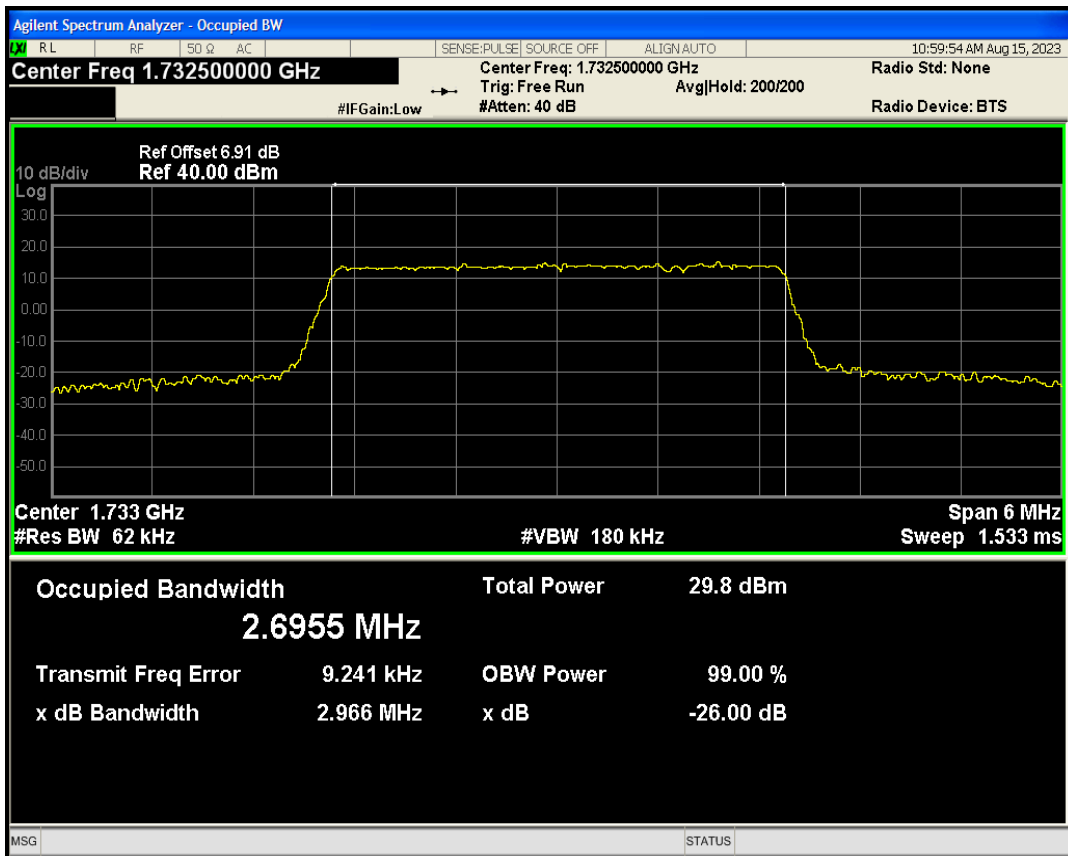
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



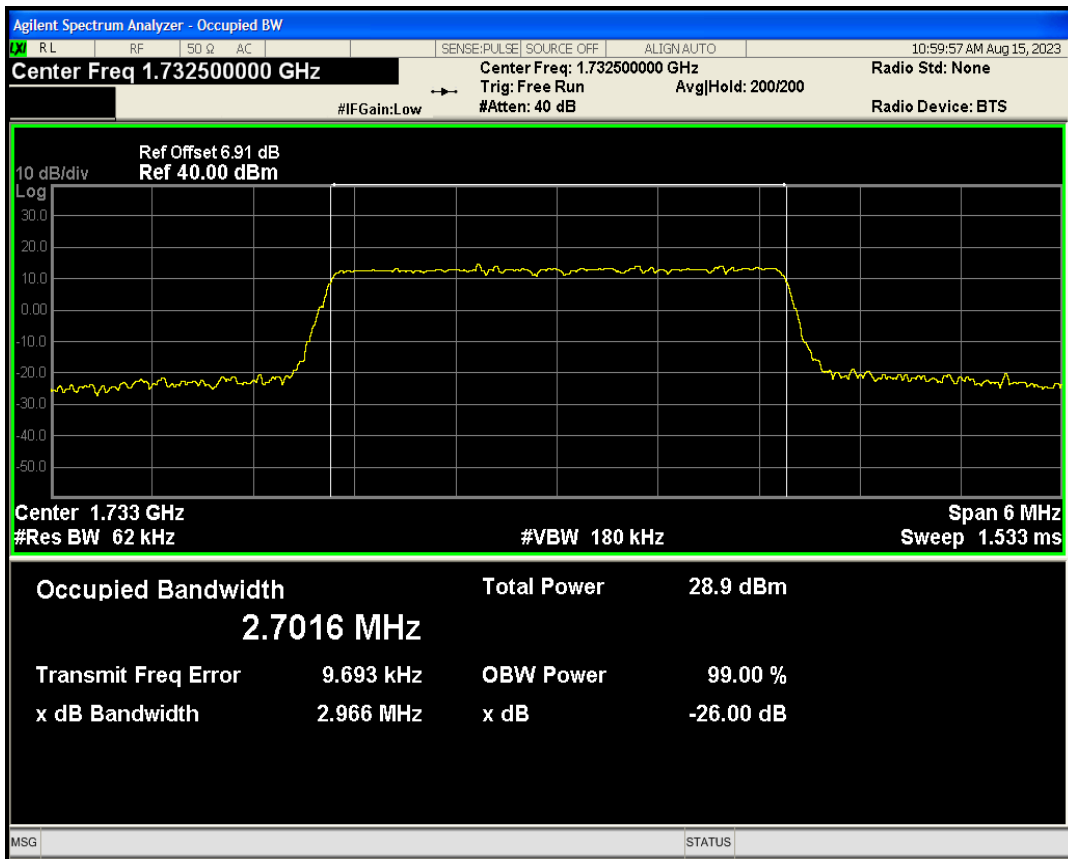
Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=6 Position=#0



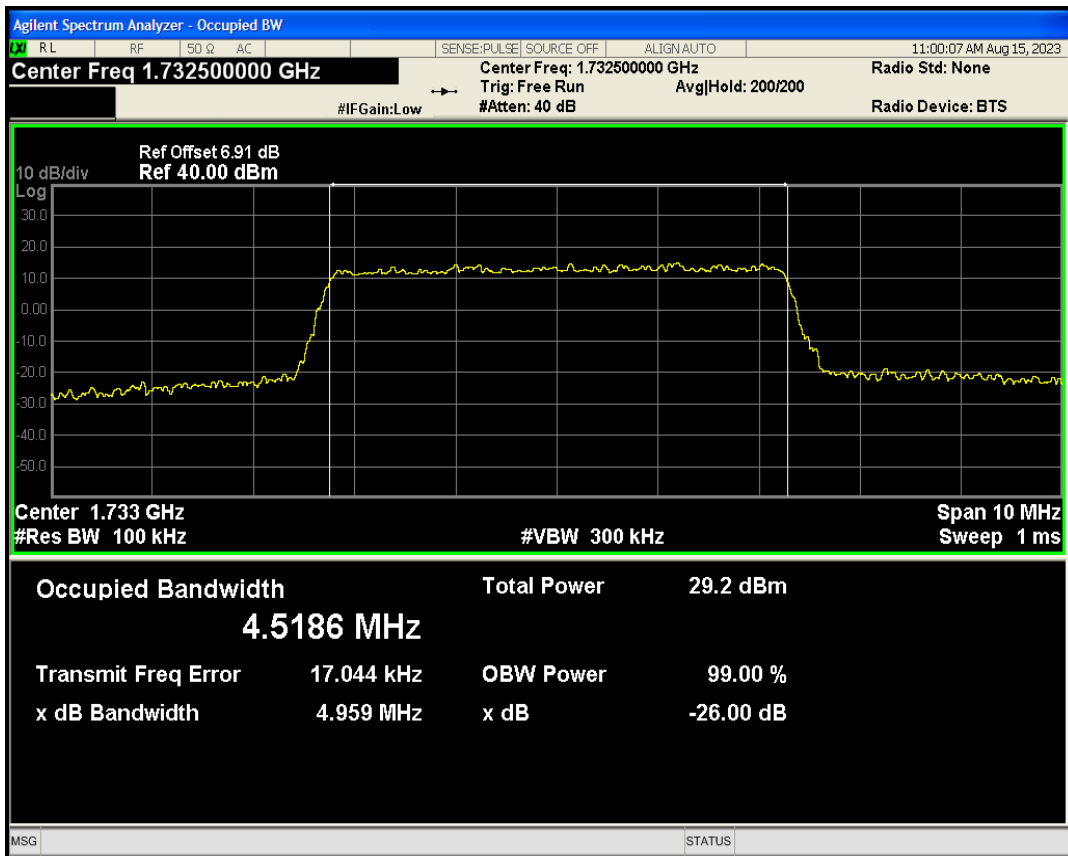
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



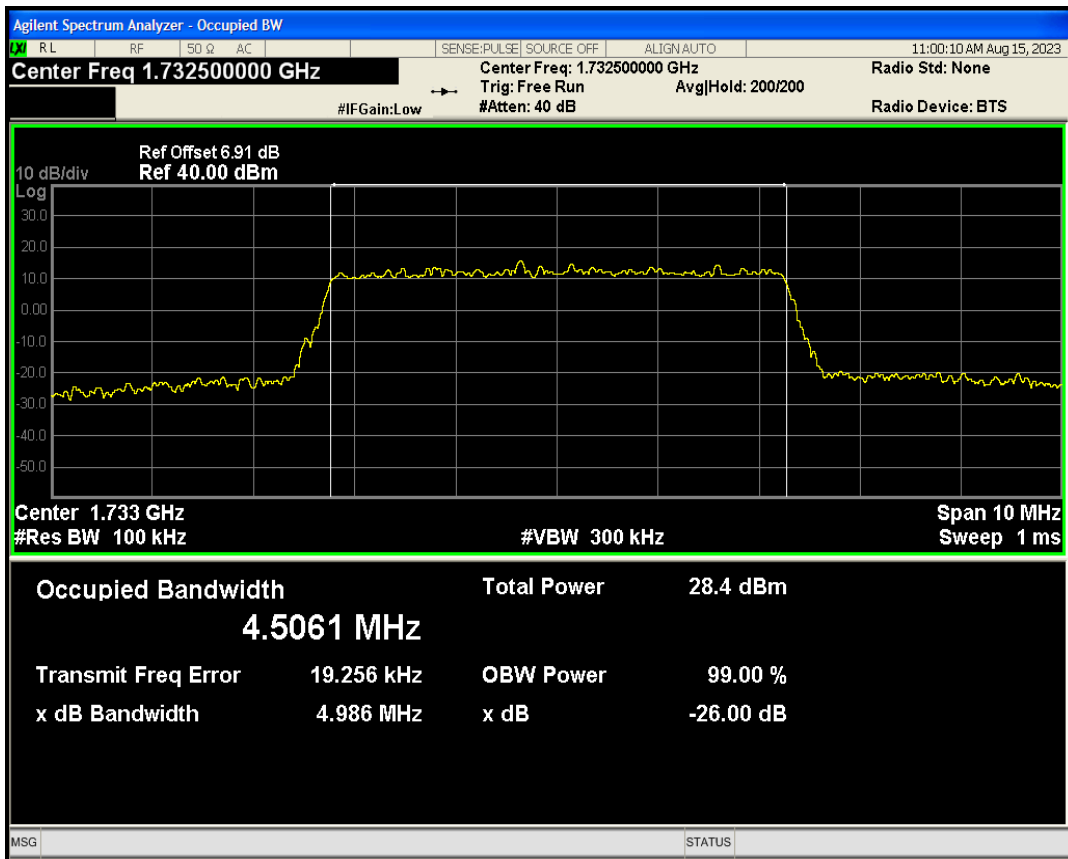
Band4 QAM16 BW=3MHz Channel=20175 RB Size=15 Position=#0



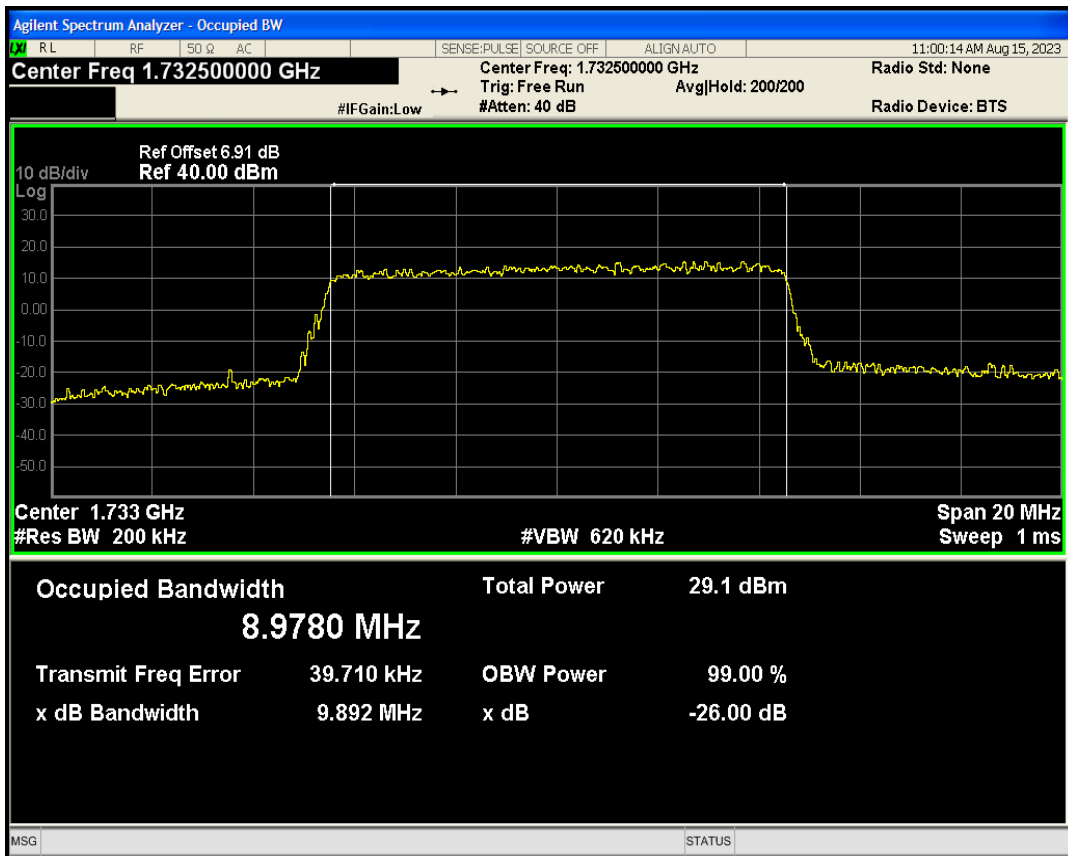
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



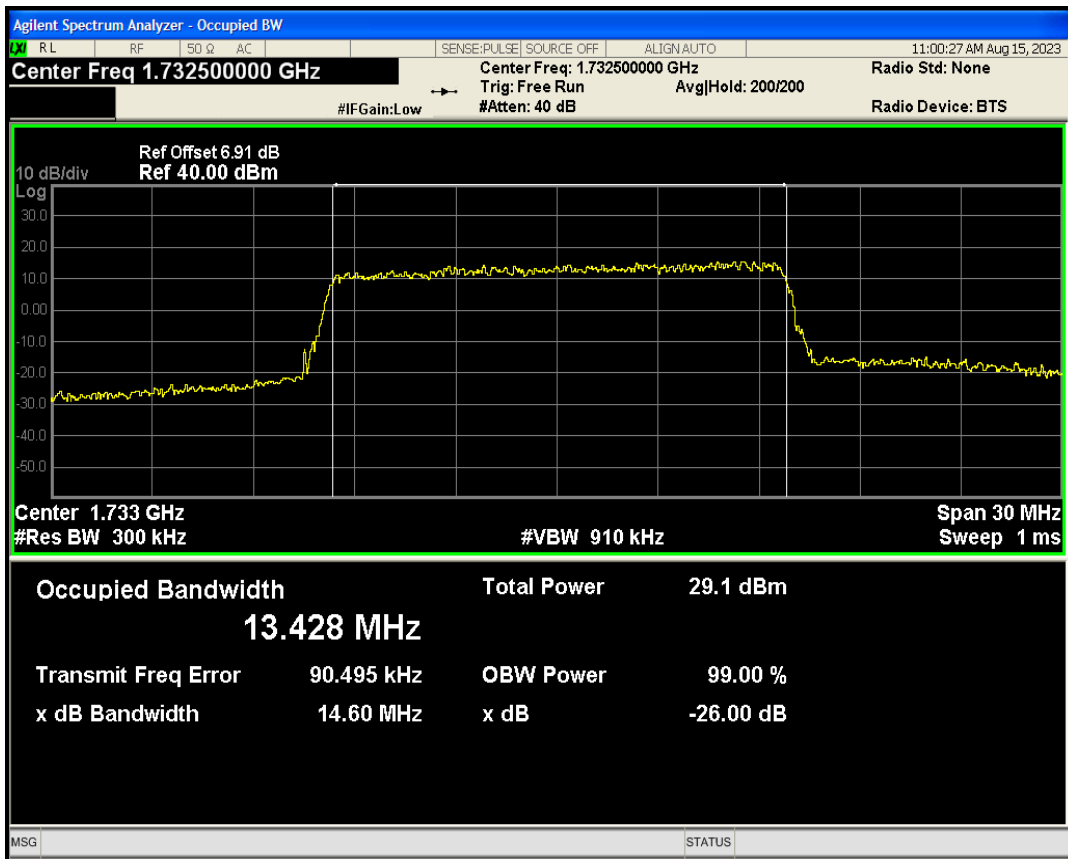
Band4 QAM16 BW=5MHz Channel=20175 RB Size=25 Position=#0



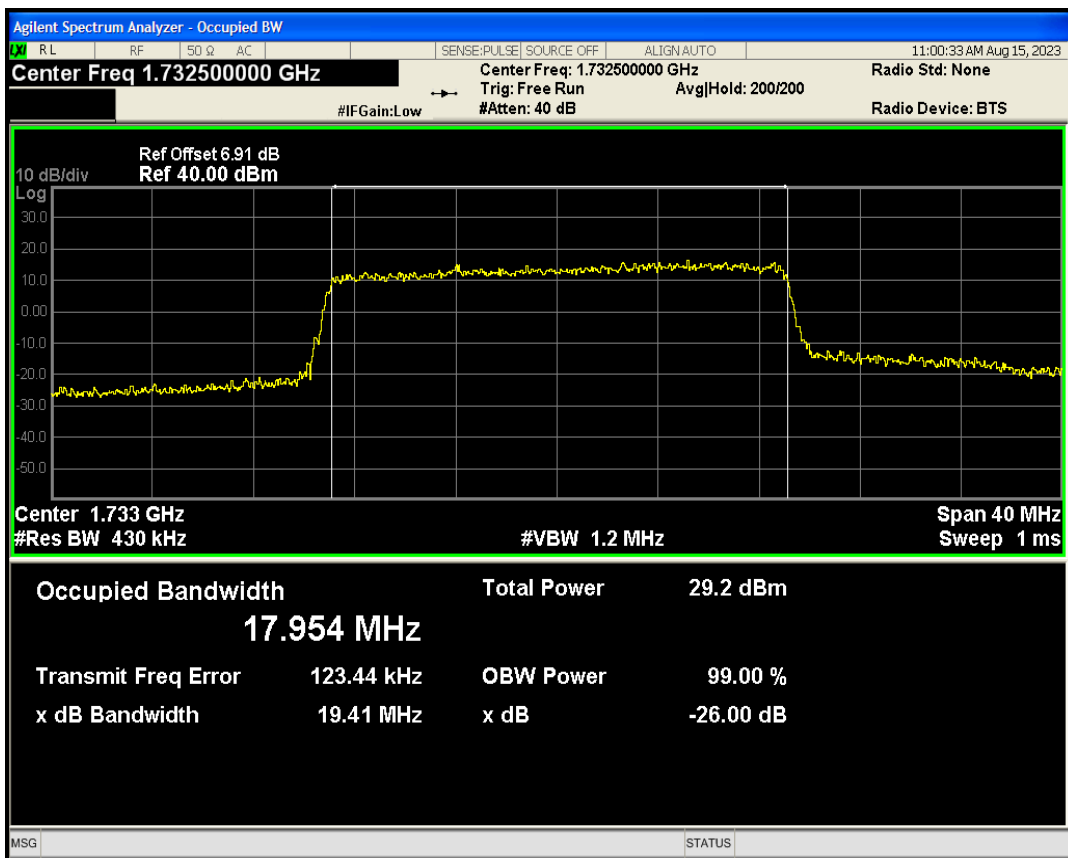
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



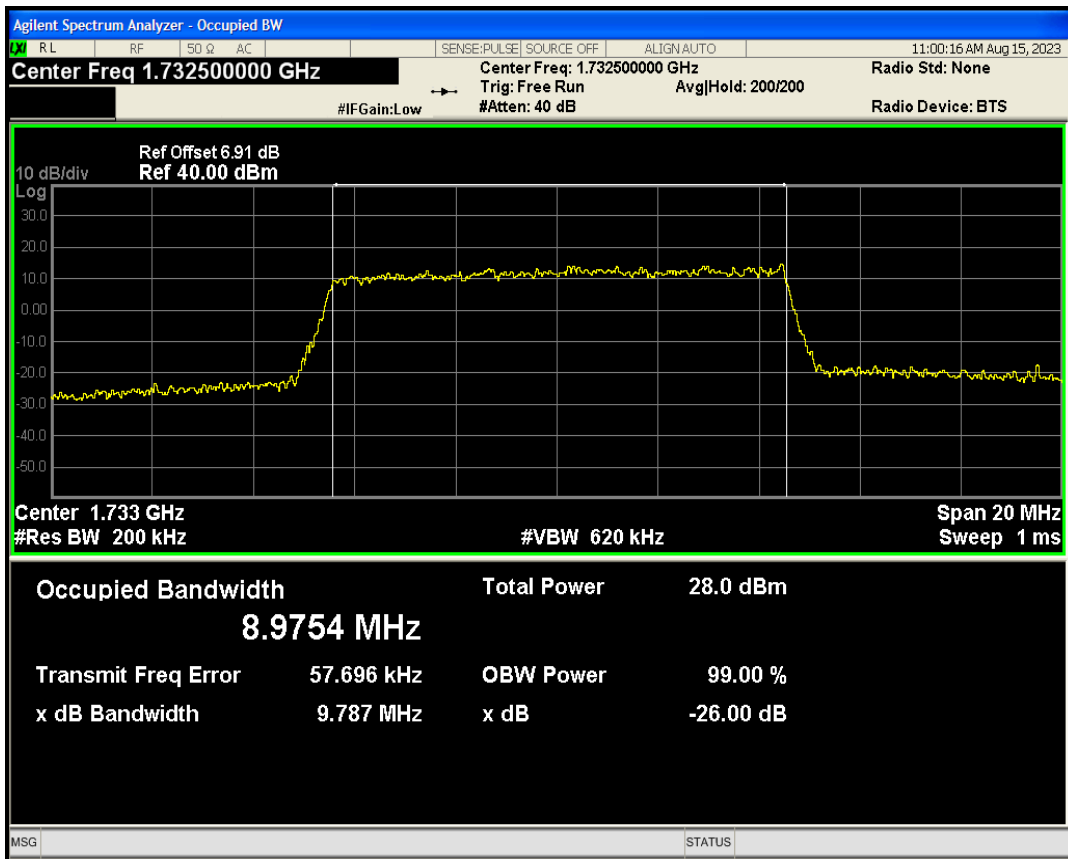
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



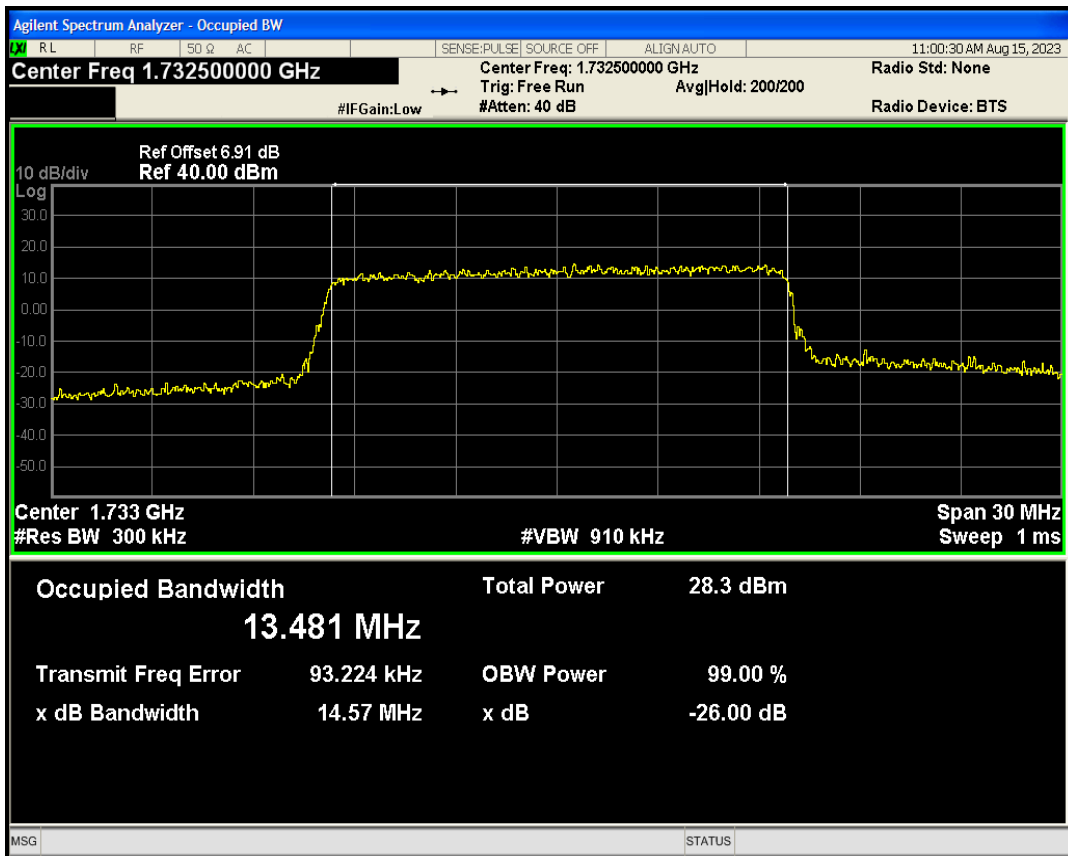
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



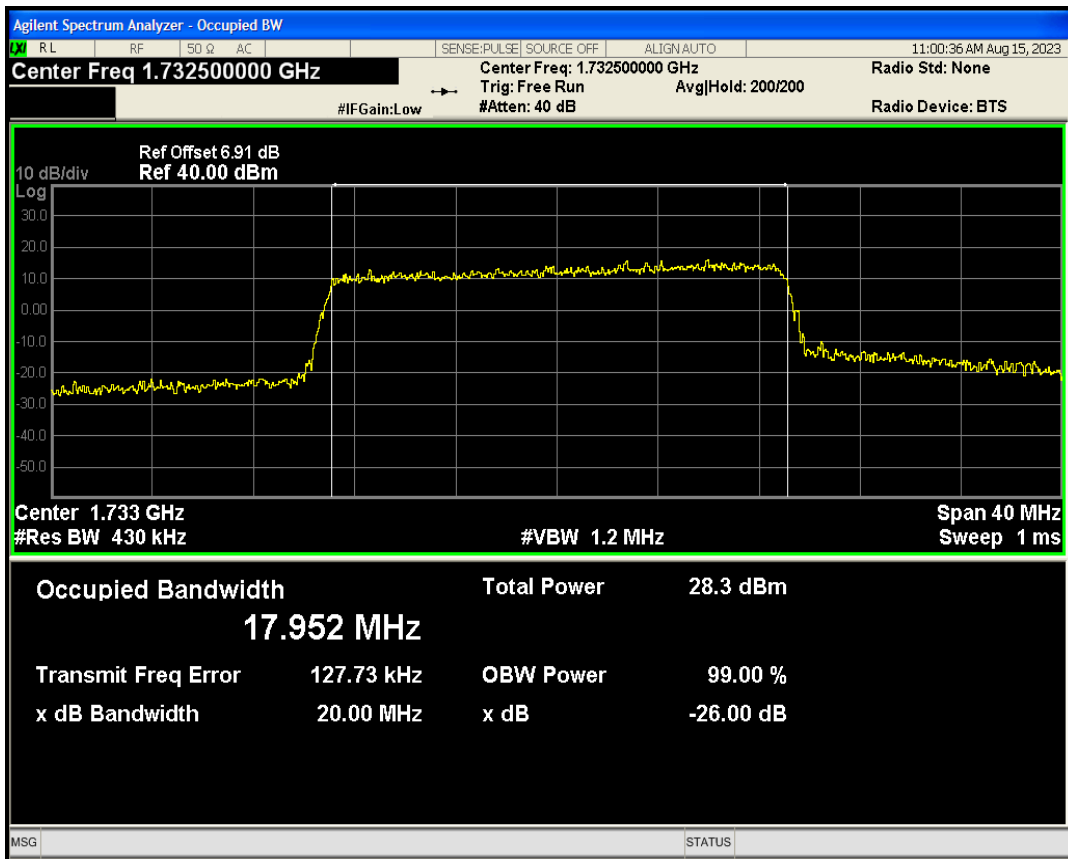
Band4 QAM16 BW=10MHz Channel=20175 RB Size=50 Position=#0



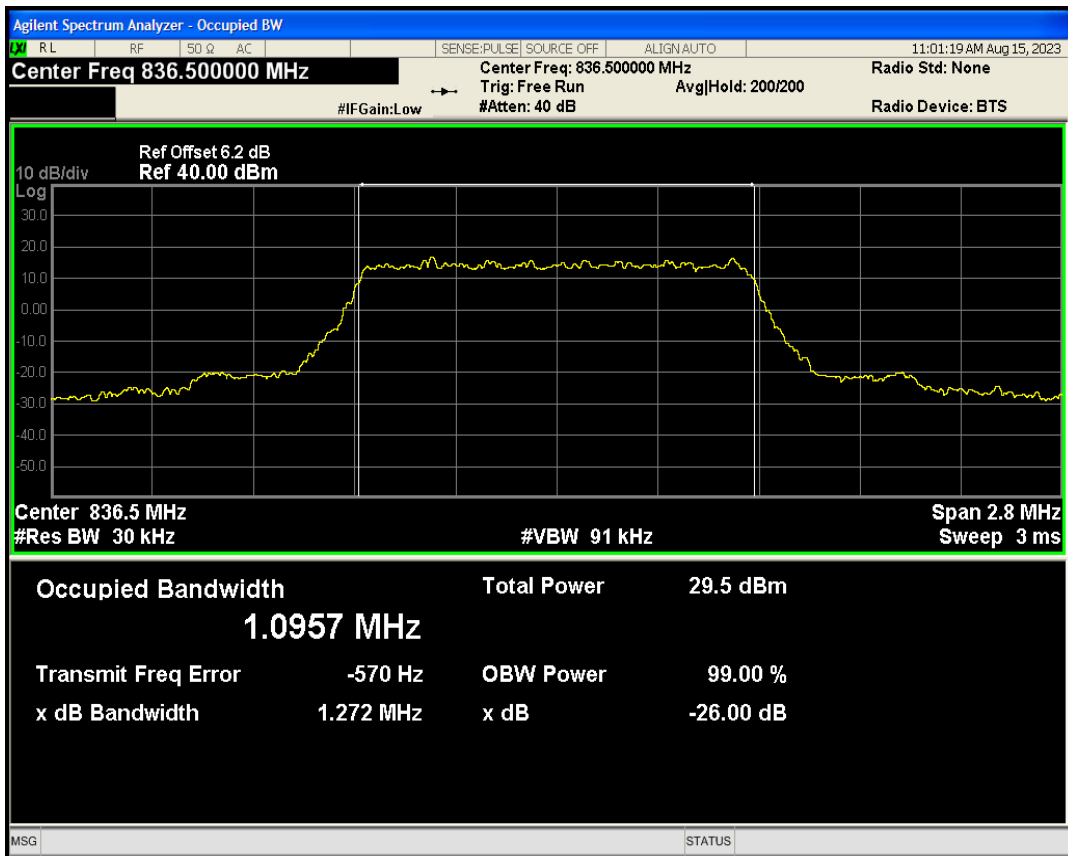
Band4 QAM16 BW=15MHz Channel=20175 RB Size=75 Position=#0



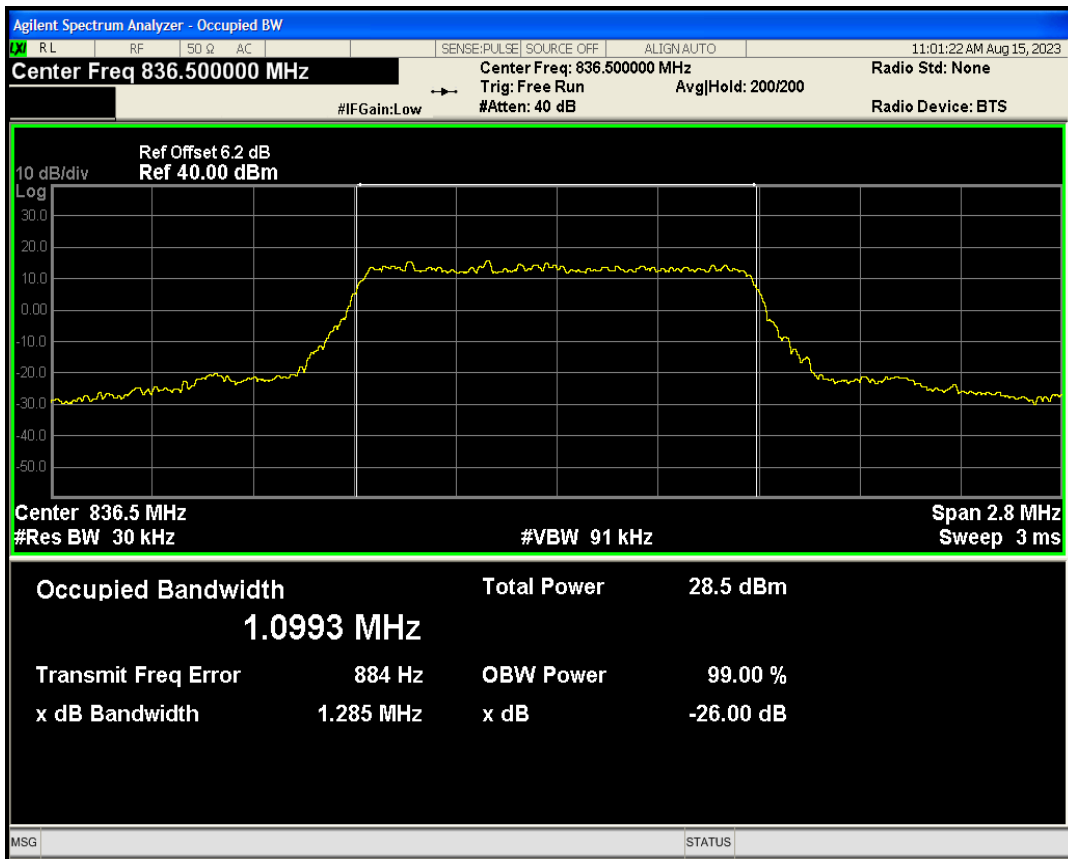
Band4 QAM16 BW=20MHz Channel=20175 RB Size=100 Position=#0



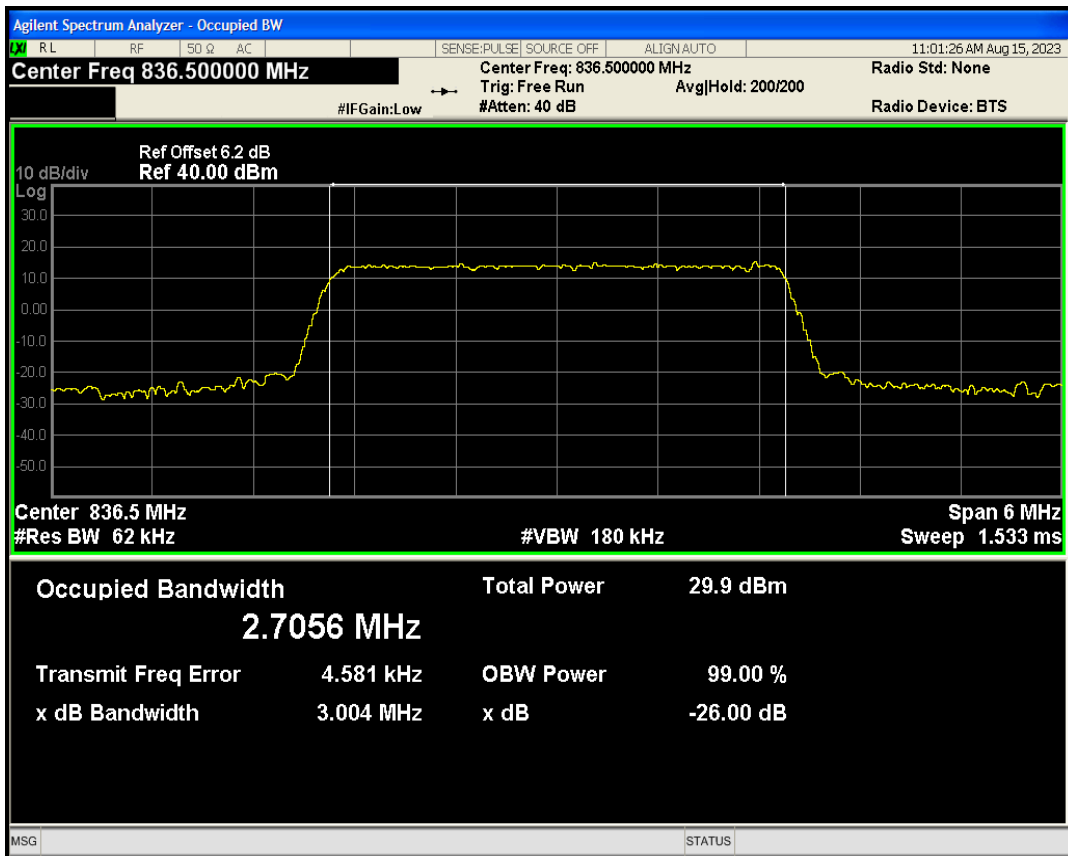
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



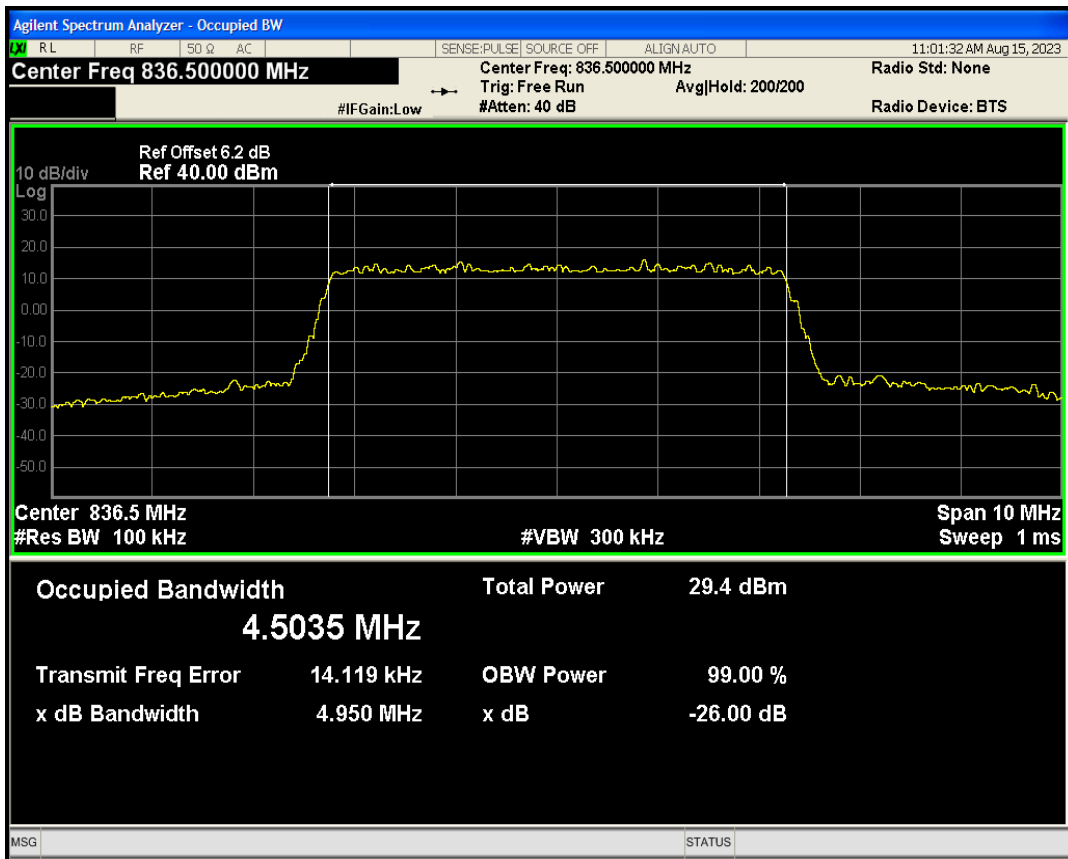
Band5 QAM16 BW=1.4MHz Channel=20525 RB Size=6 Position=#0



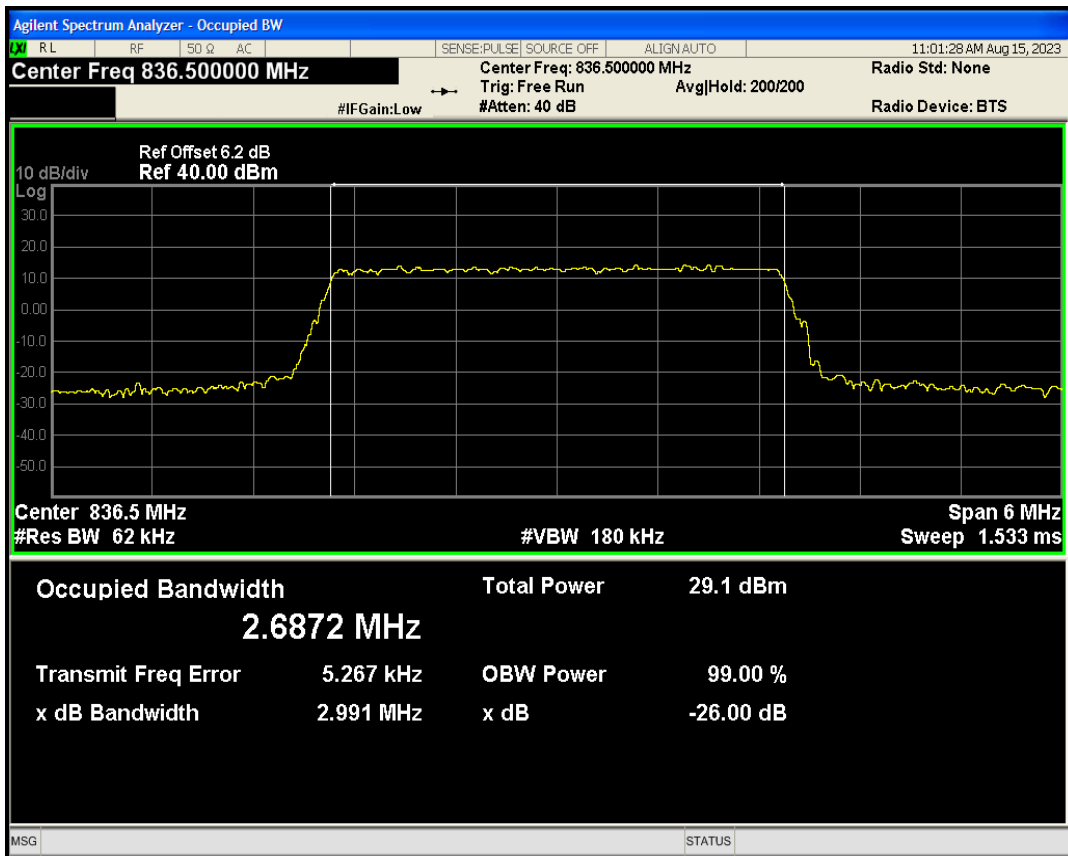
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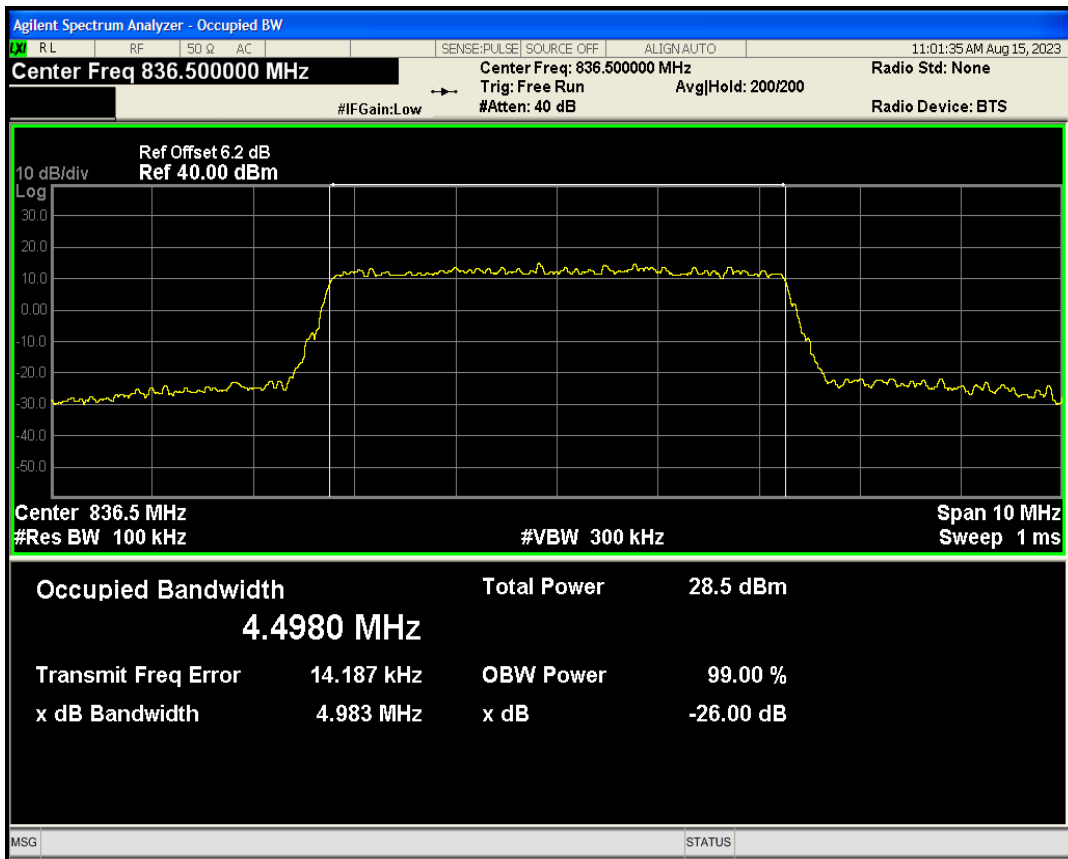
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



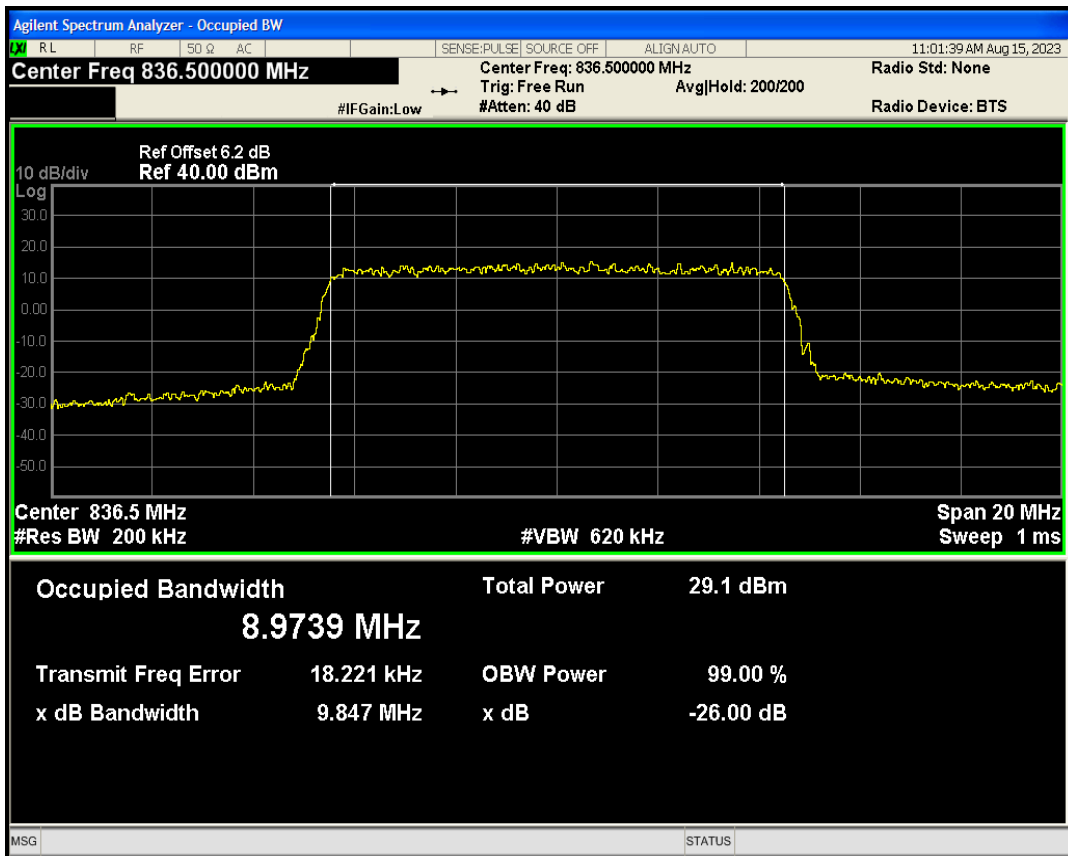
Band5 QAM16 BW=3MHz Channel=20525 RB Size=15 Position=#0



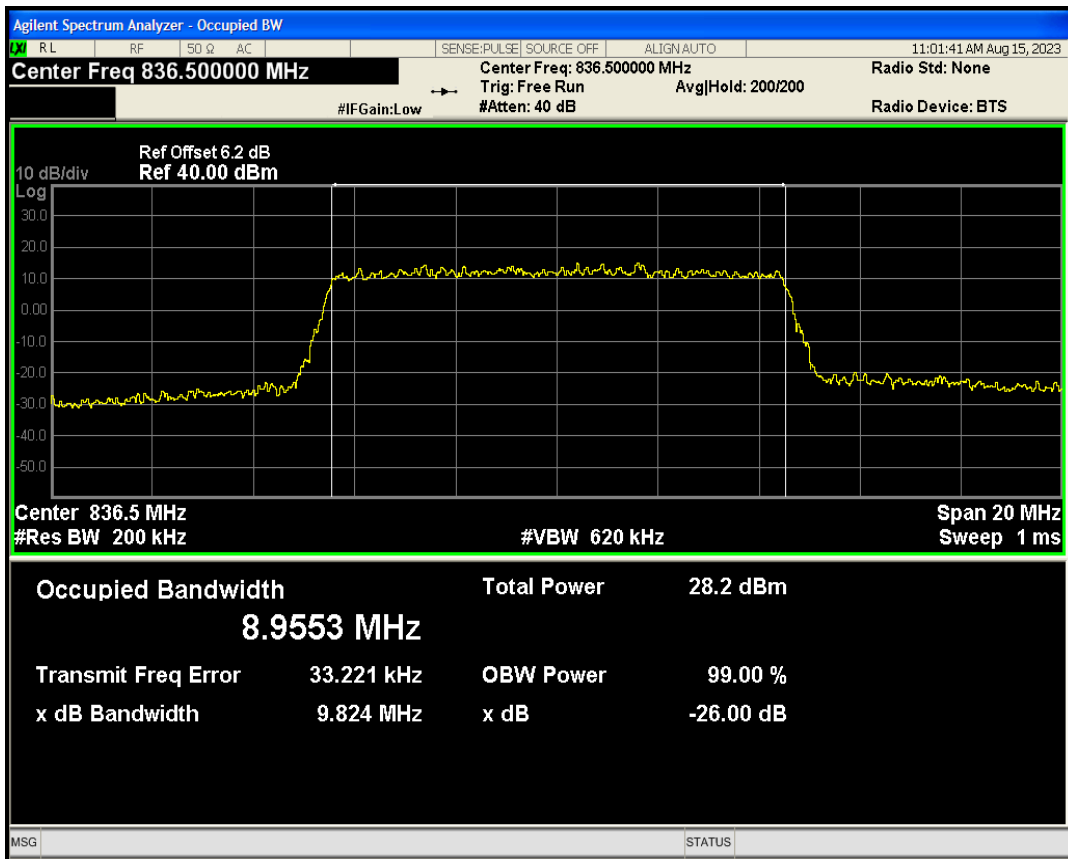
Band5 QAM16 BW=5MHz Channel=20525 RB Size=25 Position=#0



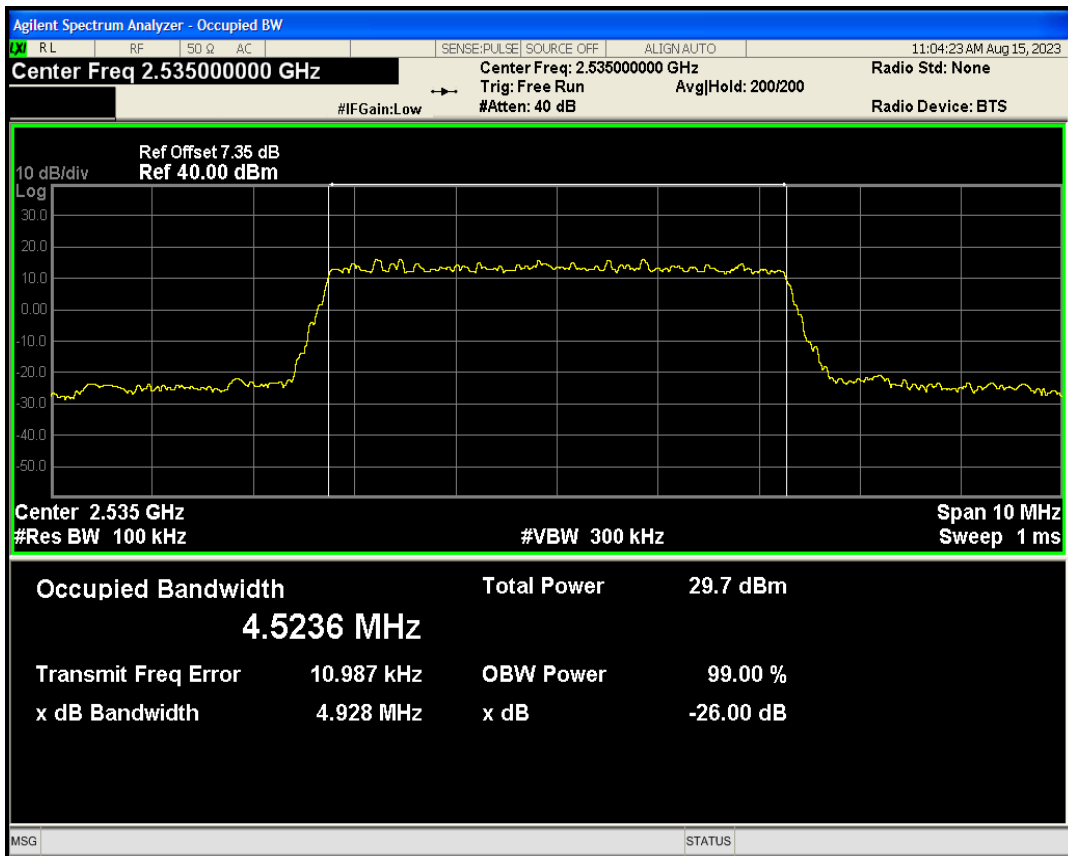
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



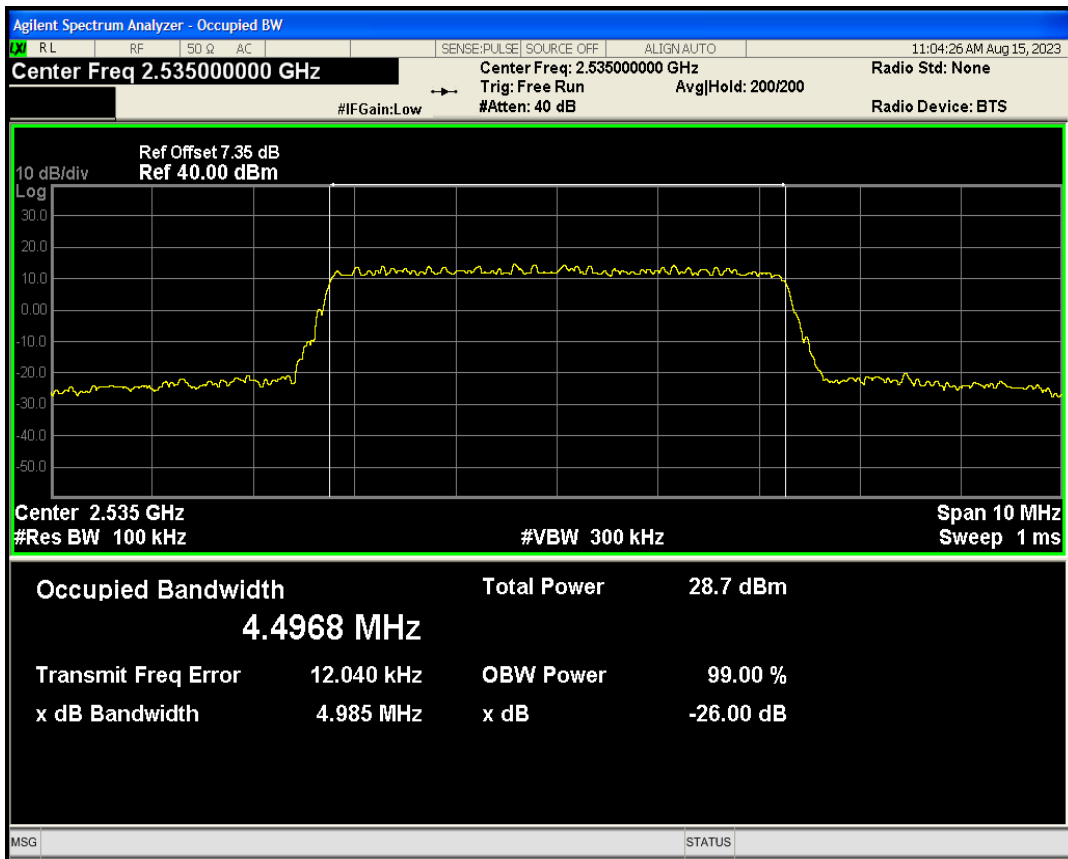
Band5 QAM16 BW=10MHz Channel=20525 RB Size=50 Position=#0



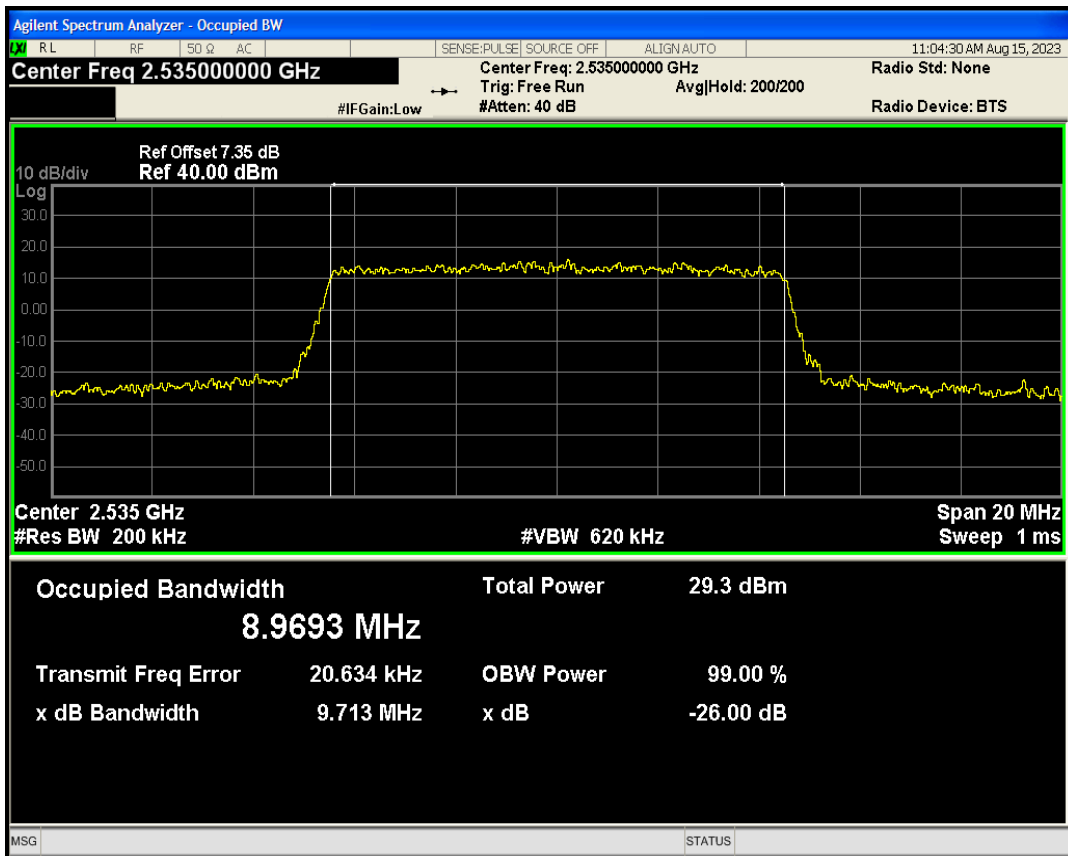
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



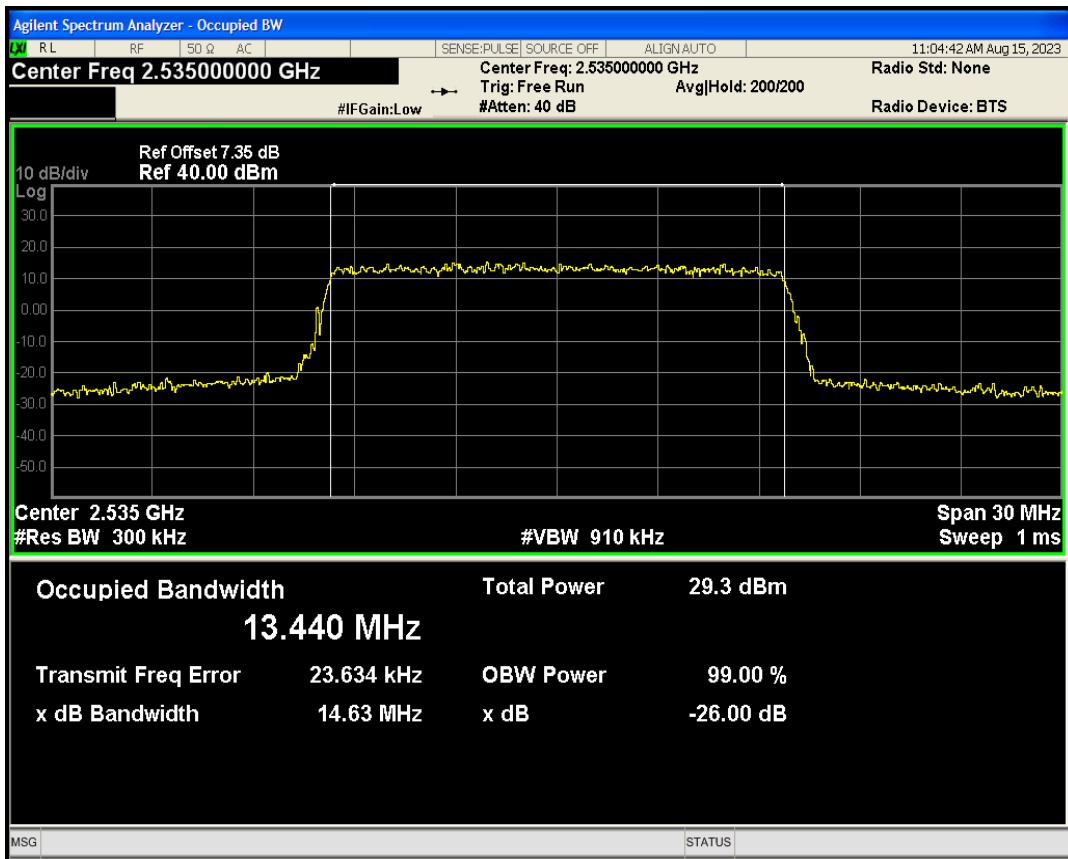
Band7 QAM16 BW=5MHz Channel=21100 RB Size=25 Position=#0



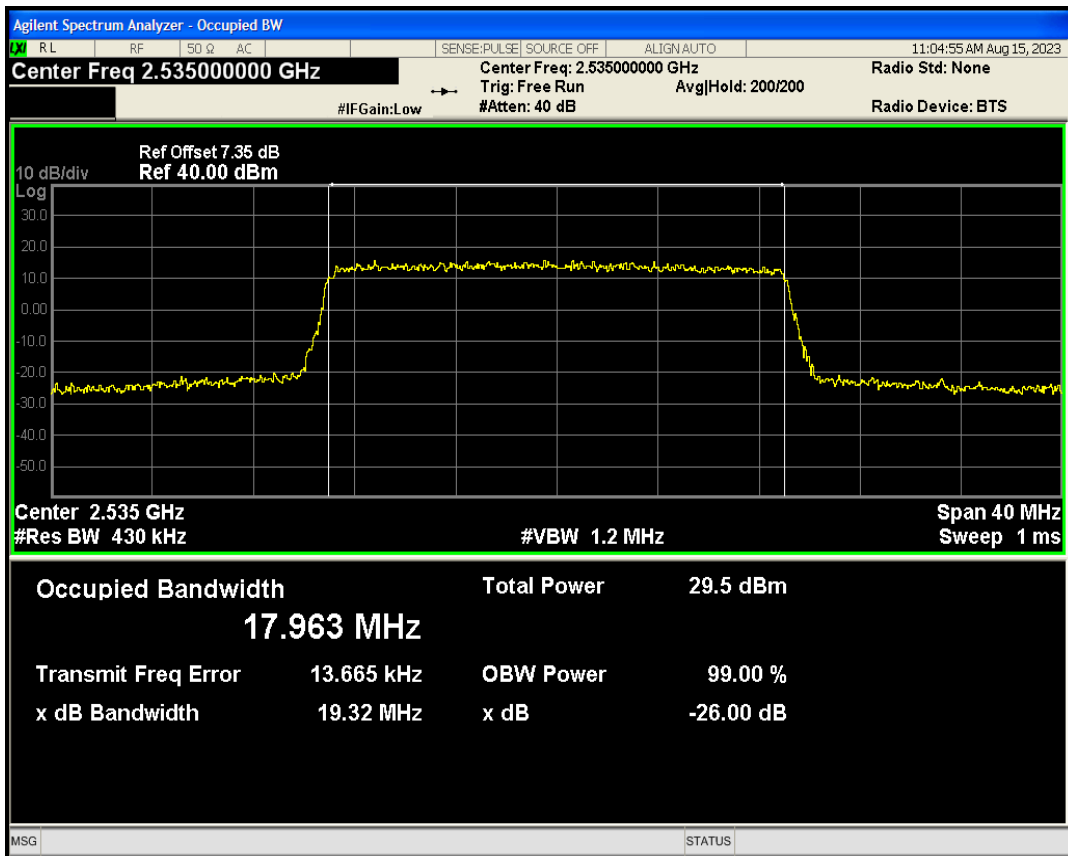
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



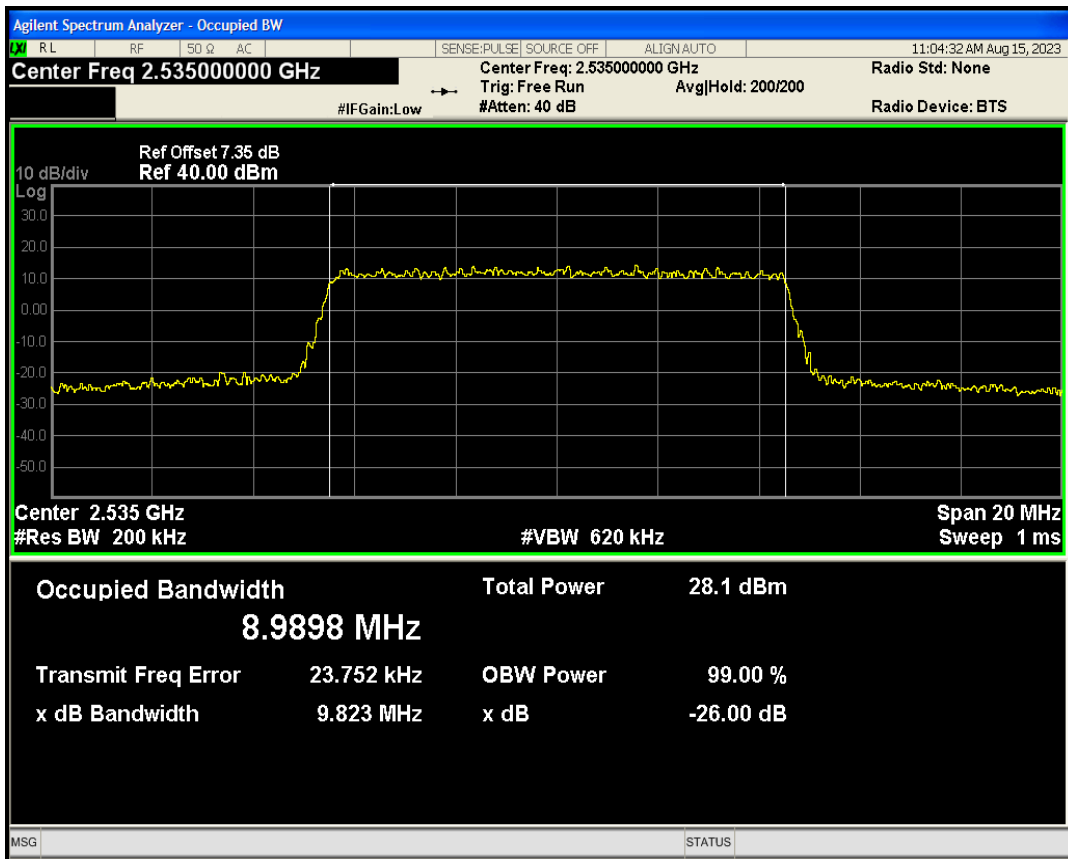
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



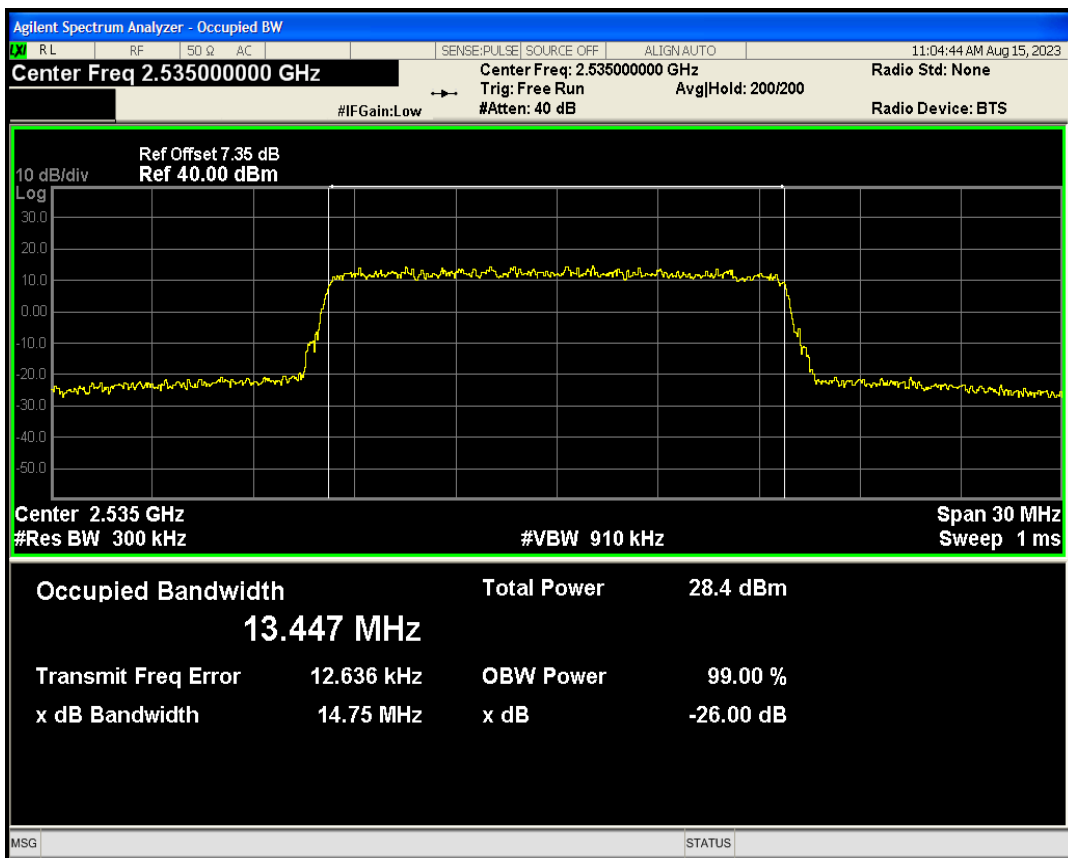
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



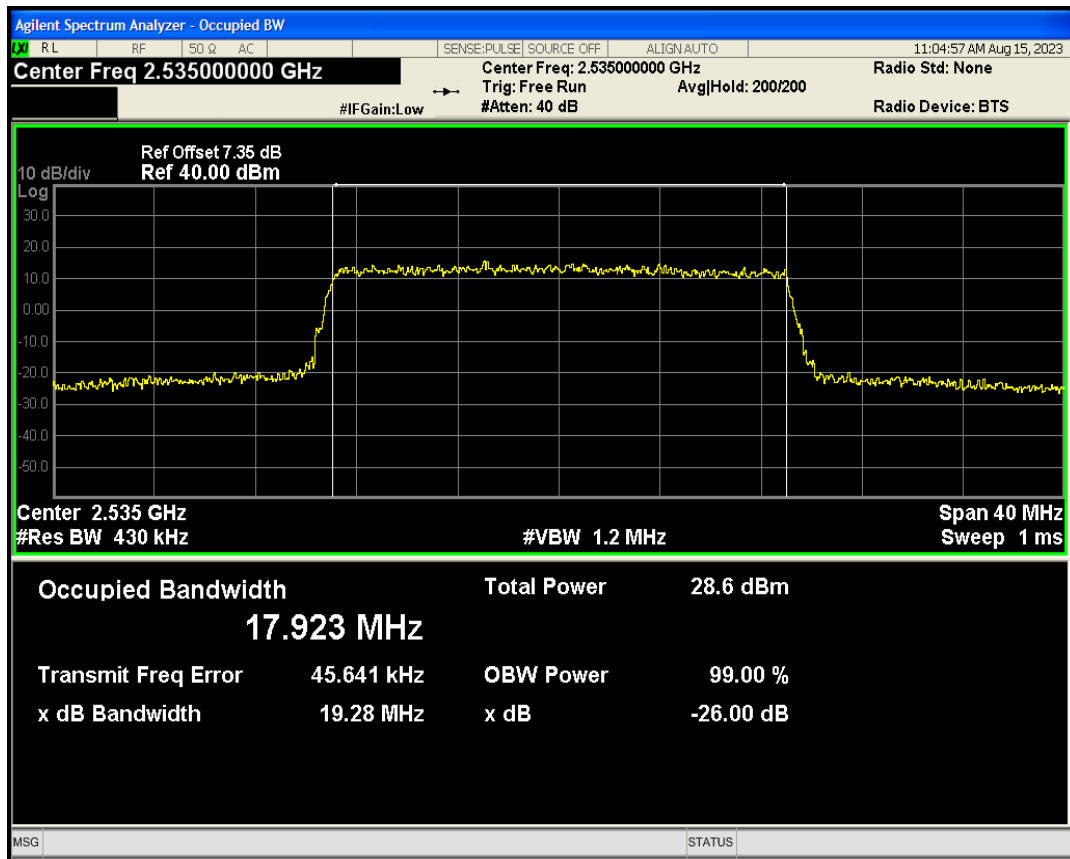
Band7 QAM16 BW=10MHz Channel=21100 RB Size=50 Position=#0



Band7 QAM16 BW=15MHz Channel=21100 RB Size=75 Position=#0



Band7 QAM16 BW=20MHz Channel=21100 RB Size=100 Position=#0



5 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	6	#0	QPSK	698.90	-17.95	-13	PASS
Band12	1.4	23017	6	#0	QAM16	698.90	-20.48	-13	PASS
Band12	1.4	23173	6	#0	QPSK	716.00	-20.66	-13	PASS
Band12	1.4	23173	6	#0	QAM16	716.00	-22.08	-13	PASS
Band12	3	23025	15	#0	QPSK	698.88	-20.20	-13	PASS
Band12	3	23025	15	#0	QAM16	698.98	-23.37	-13	PASS
Band12	3	23165	15	#0	QPSK	716.00	-24.97	-13	PASS
Band12	3	23165	15	#0	QAM16	716.00	-25.29	-13	PASS
Band12	5	23035	25	#0	QPSK	698.90	-26.82	-13	PASS
Band12	5	23035	25	#0	QAM16	698.90	-28.28	-13	PASS
Band12	5	23155	25	#0	QPSK	716.01	-30.62	-13	PASS
Band12	5	23155	25	#0	QAM16	716.01	-31.85	-13	PASS
Band12	10	23060	50	#0	QPSK	698.54	-36.36	-13	PASS
Band12	10	23130	50	#0	QPSK	716.26	-40.12	-13	PASS
Band2	1.4	18607	6	#0	QPSK	1849.98	-23.87	-13	PASS
Band2	1.4	18607	6	#0	QAM16	1850.00	-25.52	-13	PASS
Band2	1.4	19193	6	#0	QPSK	1910.00	-23.67	-13	PASS
Band2	1.4	19193	6	#0	QAM16	1910.00	-23.98	-13	PASS
Band2	3	18615	15	#0	QPSK	1850.00	-24.45	-13	PASS
Band2	3	18615	15	#0	QAM16	1850.00	-24.47	-13	PASS

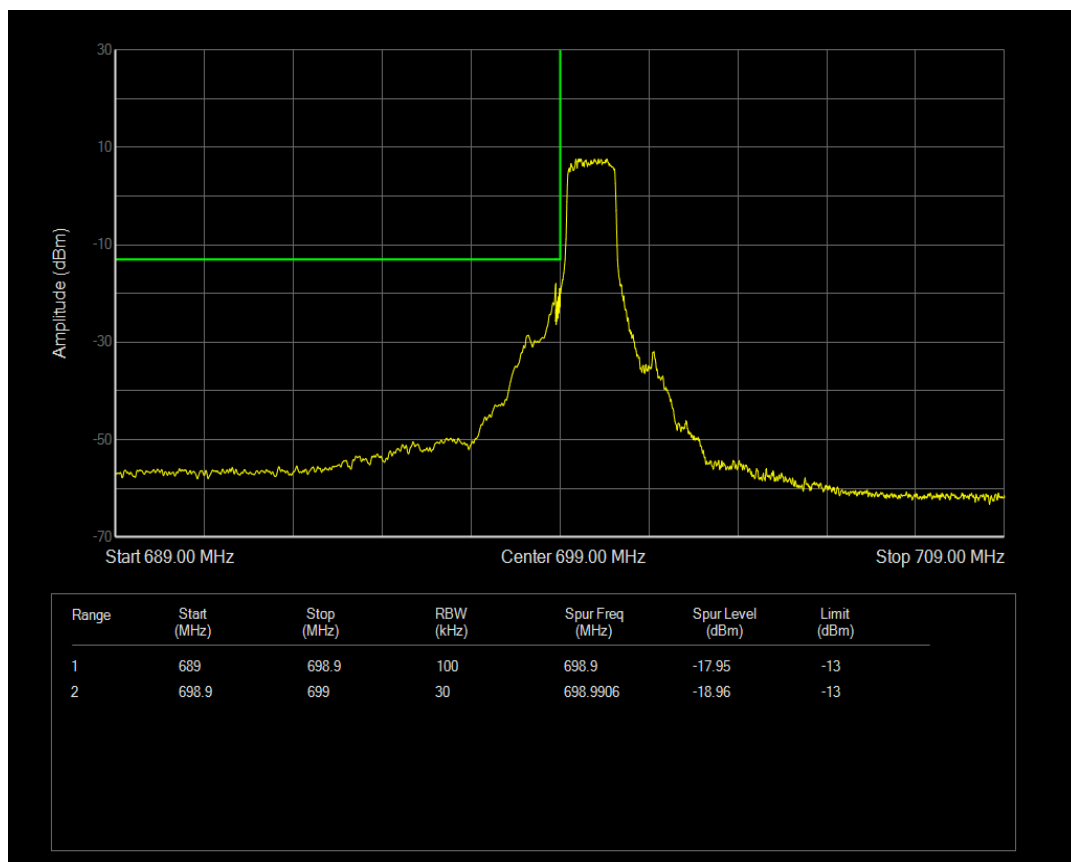
Report

Band2	3	19185	15	#0	QPSK	1910.01	-23.42	-13	PASS
Band2	3	19185	15	#0	QAM16	1910.00	-24.92	-13	PASS
Band2	5	18625	25	#0	QPSK	1849.99	-27.88	-13	PASS
Band2	5	18625	25	#0	QAM16	1850.00	-29.99	-13	PASS
Band2	5	19175	25	#0	QPSK	1910.01	-27.53	-13	PASS
Band2	5	19175	25	#0	QAM16	1910.01	-29.26	-13	PASS
Band2	10	18650	50	#0	QPSK	1848.64	-36.63	-13	PASS
Band2	10	19150	50	#0	QPSK	1910.00	-36.65	-13	PASS
Band2	15	18675	75	#0	QPSK	1850.00	-28.15	-13	PASS
Band2	15	19125	75	#0	QPSK	1910.12	-28.58	-13	PASS
Band2	20	18700	100	#0	QPSK	1849.96	-30.59	-13	PASS
Band2	20	19100	100	#0	QPSK	1910.24	-31.23	-13	PASS
Band4	1.4	19957	6	#0	QPSK	1710.00	-23.81	-13	PASS
Band4	1.4	19957	6	#0	QAM16	1710.00	-24.17	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.02	-24.47	-13	PASS
Band4	1.4	20393	6	#0	QAM16	1755.00	-25.16	-13	PASS
Band4	3	19965	15	#0	QPSK	1709.99	-23.55	-13	PASS
Band4	3	19965	15	#0	QAM16	1710.00	-25.79	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.02	-24.64	-13	PASS
Band4	3	20385	15	#0	QAM16	1755.00	-25.21	-13	PASS
Band4	5	19975	25	#0	QPSK	1709.97	-27.87	-13	PASS
Band4	5	19975	25	#0	QAM16	1710.00	-29.07	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.00	-28.04	-13	PASS
Band4	5	20375	25	#0	QAM16	1755.00	-29.25	-13	PASS
Band4	10	20000	50	#0	QPSK	1709.62	-33.19	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.08	-36.00	-13	PASS
Band4	15	20025	75	#0	QPSK	1709.97	-26.11	-13	PASS
Band4	15	20325	75	#0	QPSK	1755.45	-28.95	-13	PASS
Band4	20	20050	100	#0	QPSK	1710.00	-26.34	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.04	-29.13	-13	PASS
Band5	1.4	20407	6	#0	QPSK	824.00	-22.84	-13	PASS
Band5	1.4	20407	6	#0	QAM16	824.00	-23.86	-13	PASS
Band5	1.4	20643	6	#0	QPSK	849.01	-24.00	-13	PASS
Band5	1.4	20643	6	#0	QAM16	849.00	-25.47	-13	PASS
Band5	3	20415	15	#0	QPSK	823.96	-23.98	-13	PASS
Band5	3	20415	15	#0	QAM16	823.98	-24.09	-13	PASS
Band5	3	20635	15	#0	QPSK	849.03	-24.12	-13	PASS
Band5	3	20635	15	#0	QAM16	849.00	-24.11	-13	PASS
Band5	5	20425	25	#0	QPSK	824.00	-26.41	-13	PASS
Band5	5	20425	25	#0	QAM16	824.00	-26.76	-13	PASS
Band5	5	20625	25	#0	QPSK	849.01	-26.02	-13	PASS
Band5	5	20625	25	#0	QAM16	849.03	-27.21	-13	PASS
Band5	10	20450	50	#0	QPSK	824.00	-34.54	-13	PASS
Band5	10	20600	50	#0	QPSK	849.26	-31.52	-13	PASS

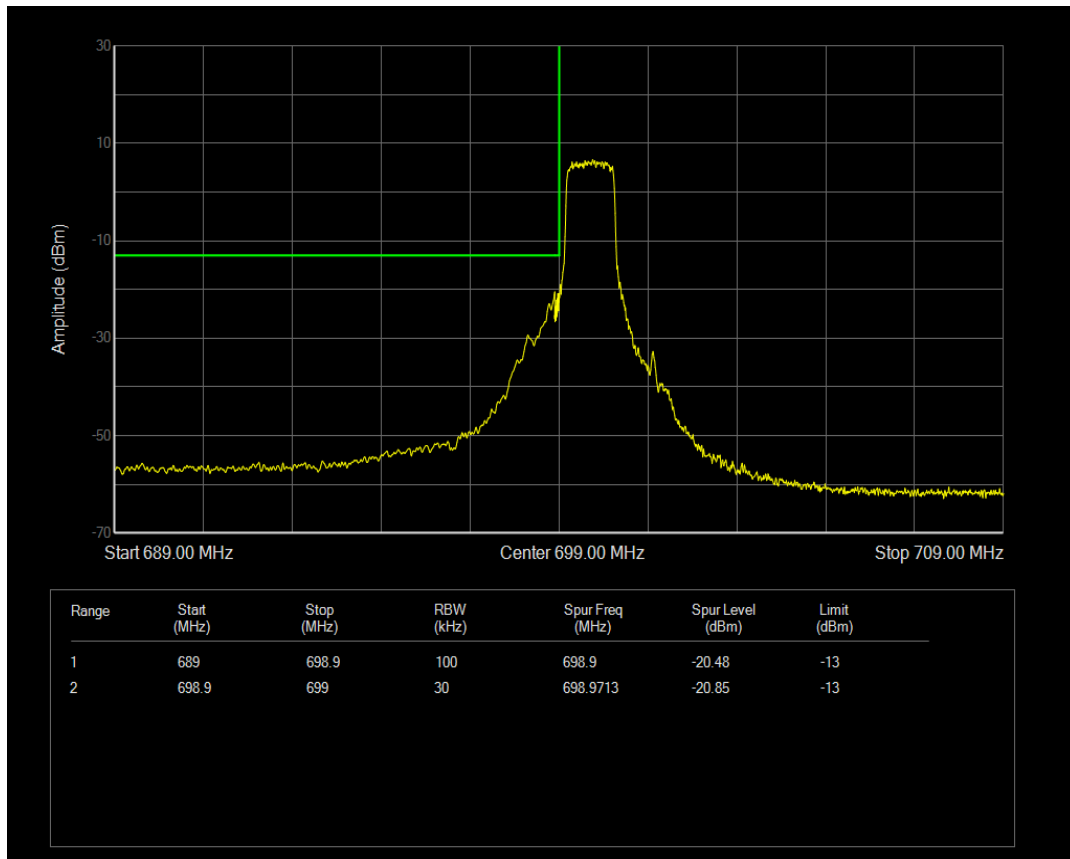
Report

Band7	5	20775	25	#0	QPSK	2498.99	-13.59	-10	PASS
Band7	5	20775	25	#0	QAM16	2499.00	-14.99	-10	PASS
Band7	5	21425	25	#0	QPSK	2571.03	-14.20	-10	PASS
Band7	5	21425	25	#0	QAM16	2571.02	-15.60	-10	PASS
Band7	10	20800	50	#0	QPSK	2495.99	-23.66	-13	PASS
Band7	10	21400	50	#0	QPSK	2571.07	-21.24	-10	PASS
Band7	15	20825	75	#0	QPSK	2498.98	-19.69	-10	PASS
Band7	15	21375	75	#0	QPSK	2570.01	-20.61	-10	PASS
Band7	20	20850	100	#0	QPSK	2499.77	-22.65	-10	PASS
Band7	20	21350	100	#0	QPSK	2570.10	-23.77	-10	PASS

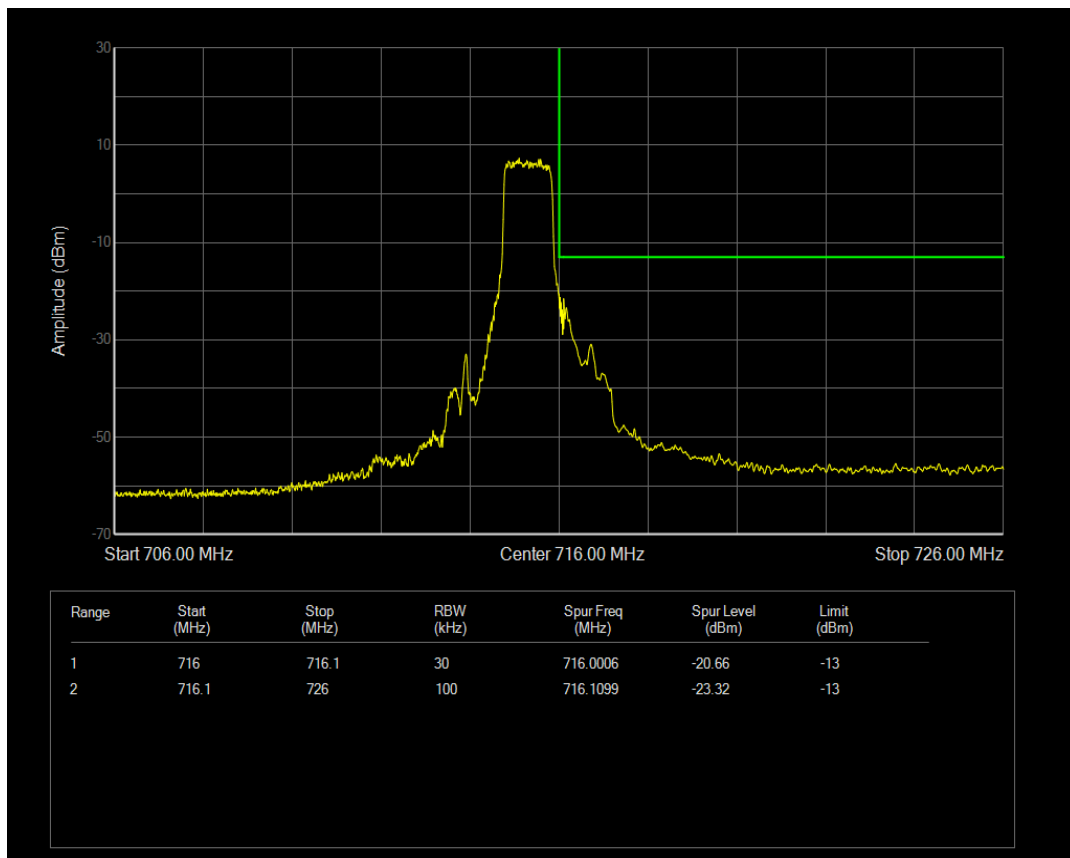
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



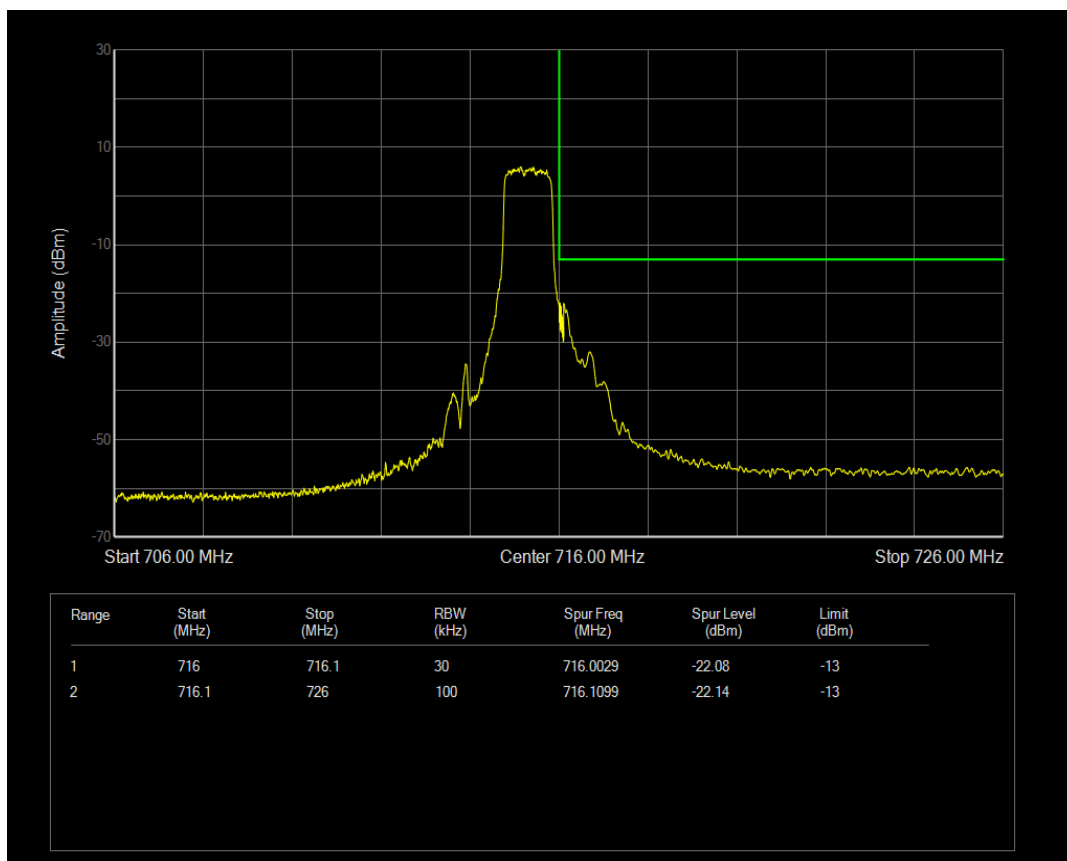
Band12 QAM16 BW=1.4MHz Channel=23017 RB Size=6 Position=#0



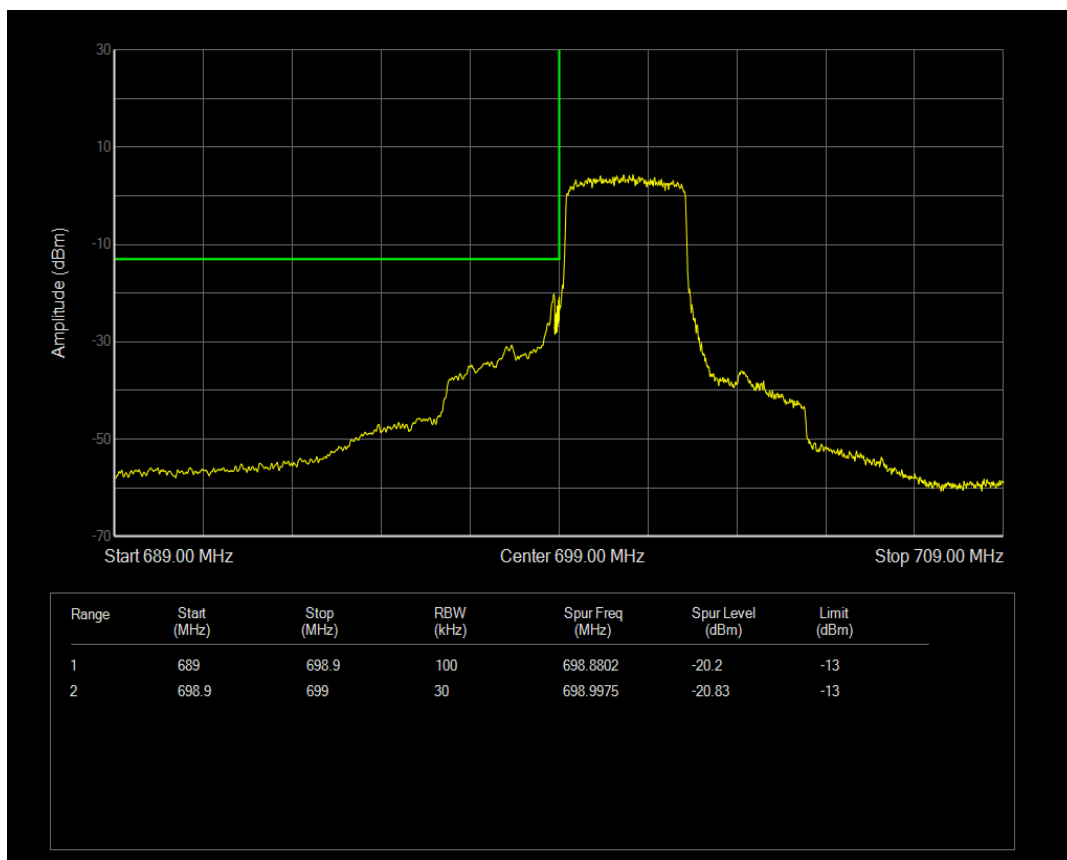
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



Band12 QAM16 BW=1.4MHz Channel=23173 RB Size=6 Position=#0



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



Band12 QAM16 BW=3MHz Channel=23025 RB Size=15 Position=#0