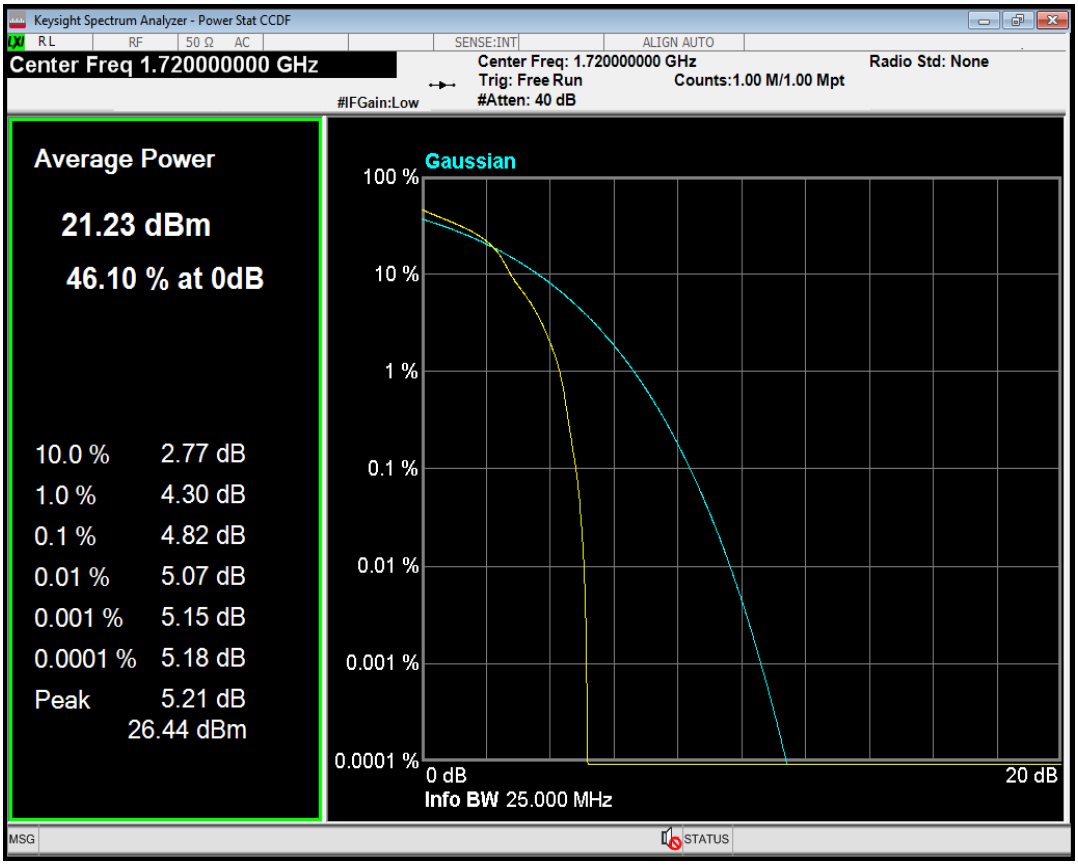
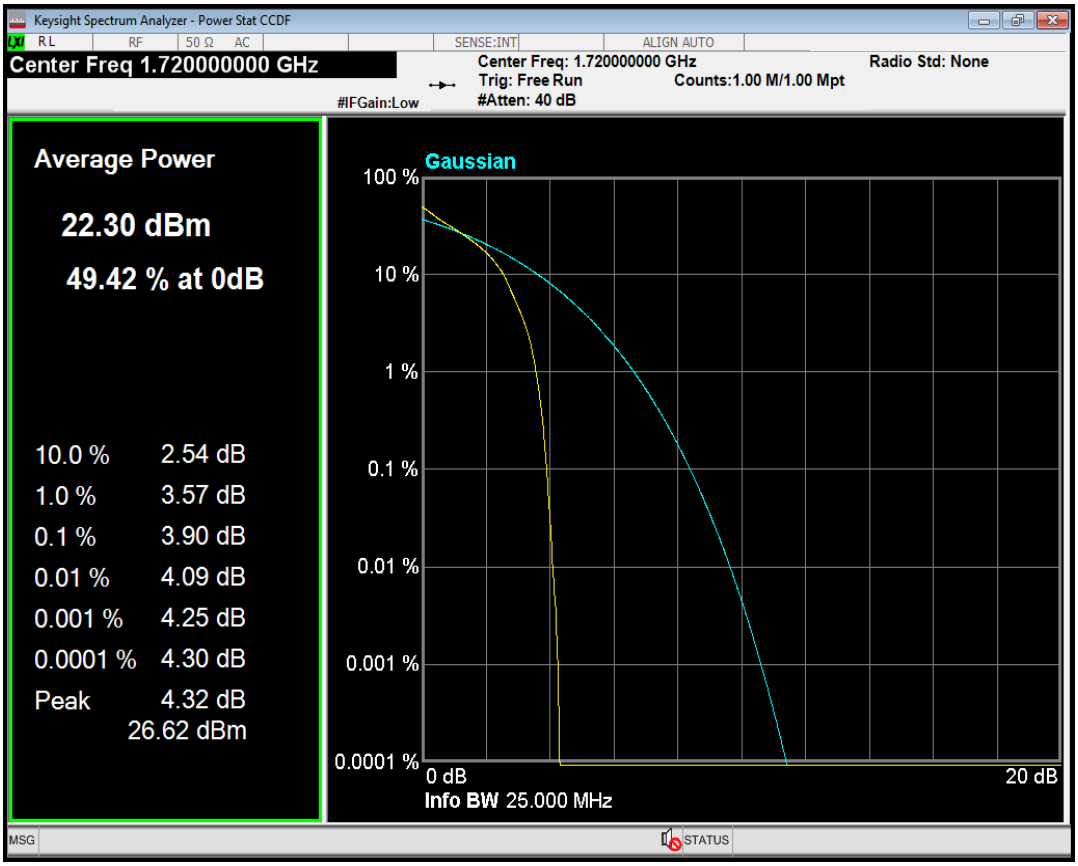
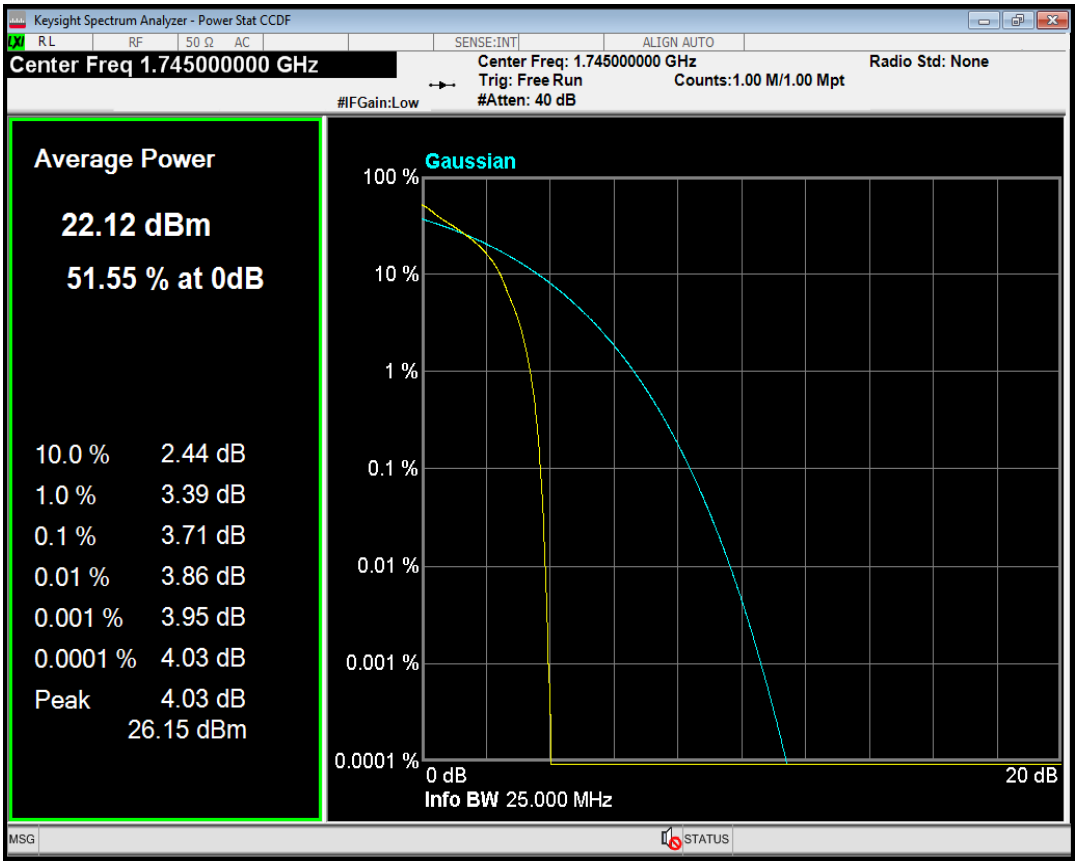
Band66 QAM16 BW=20MHz Channel=132072 RB Size=1 Position=#0



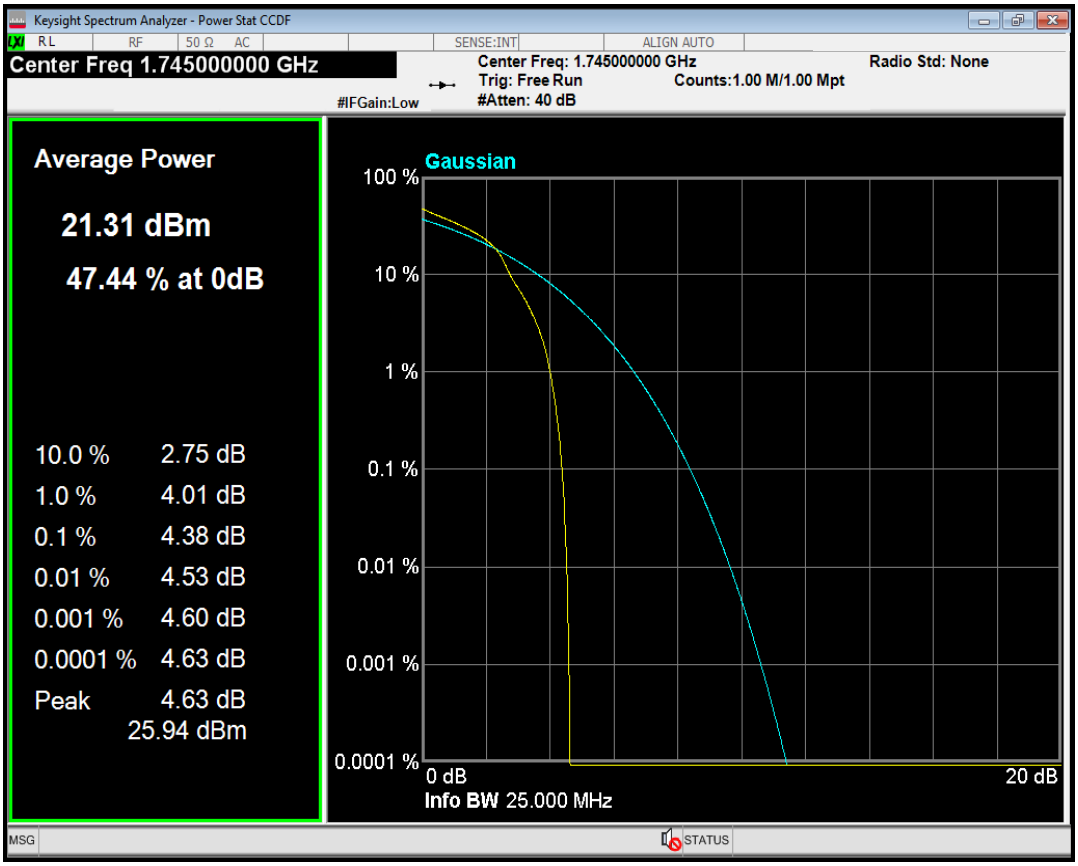
Band66 QPSK BW=20MHz Channel=132072 RB Size=1 Position=#0



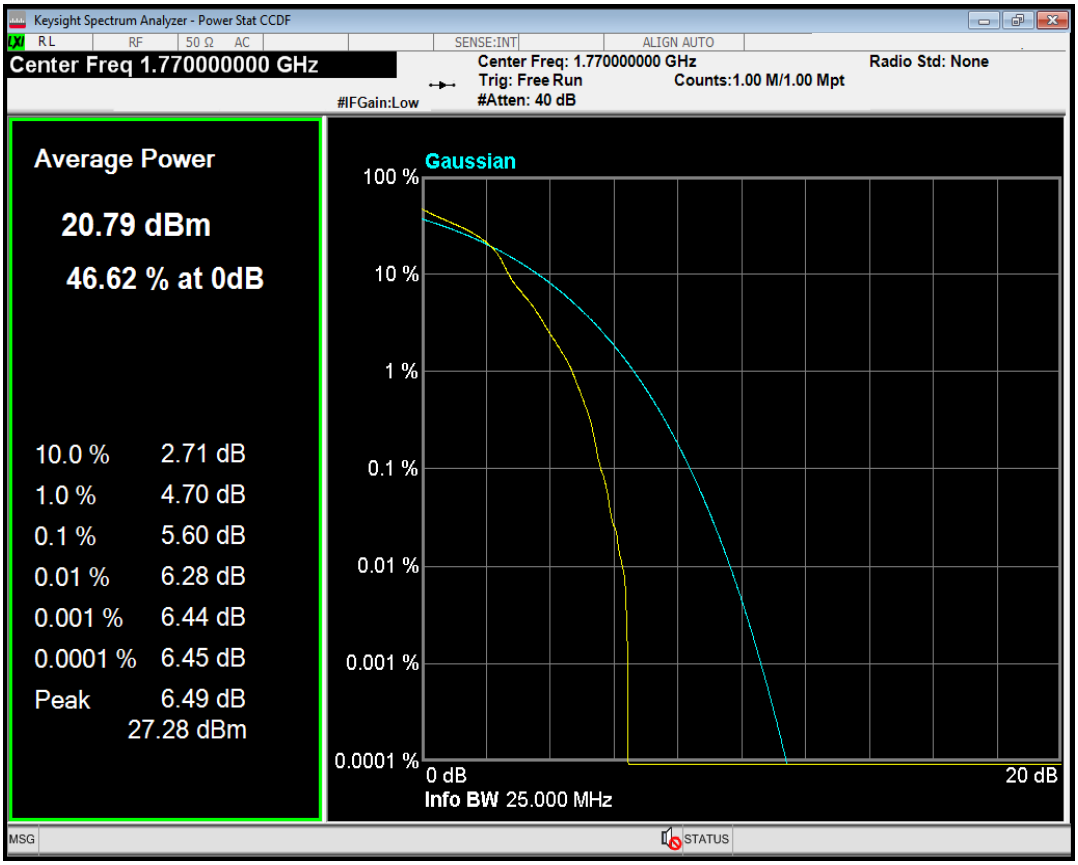
Band66 QPSK BW=20MHz Channel=132322 RB Size=1 Position=#0



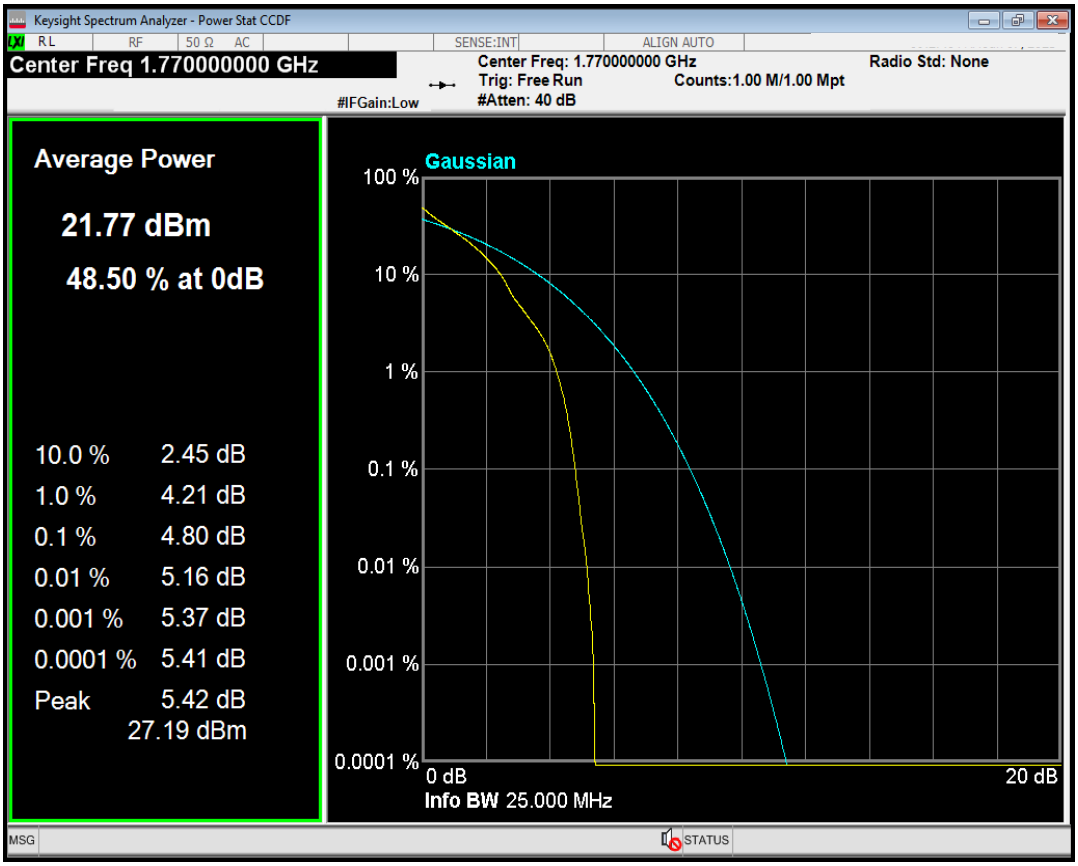
Band66 QAM16 BW=20MHz Channel=132322 RB Size=1 Position=#0



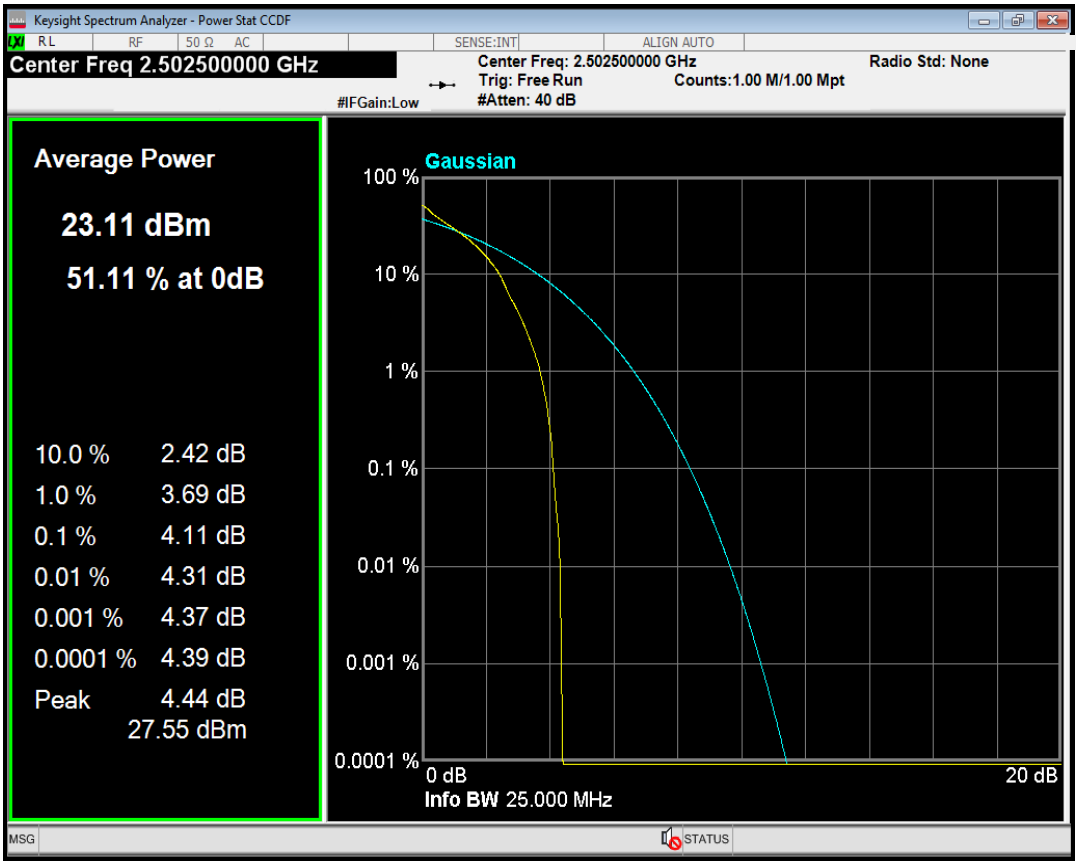
Band66 QAM16 BW=20MHz Channel=132572 RB Size=1 Position=#0



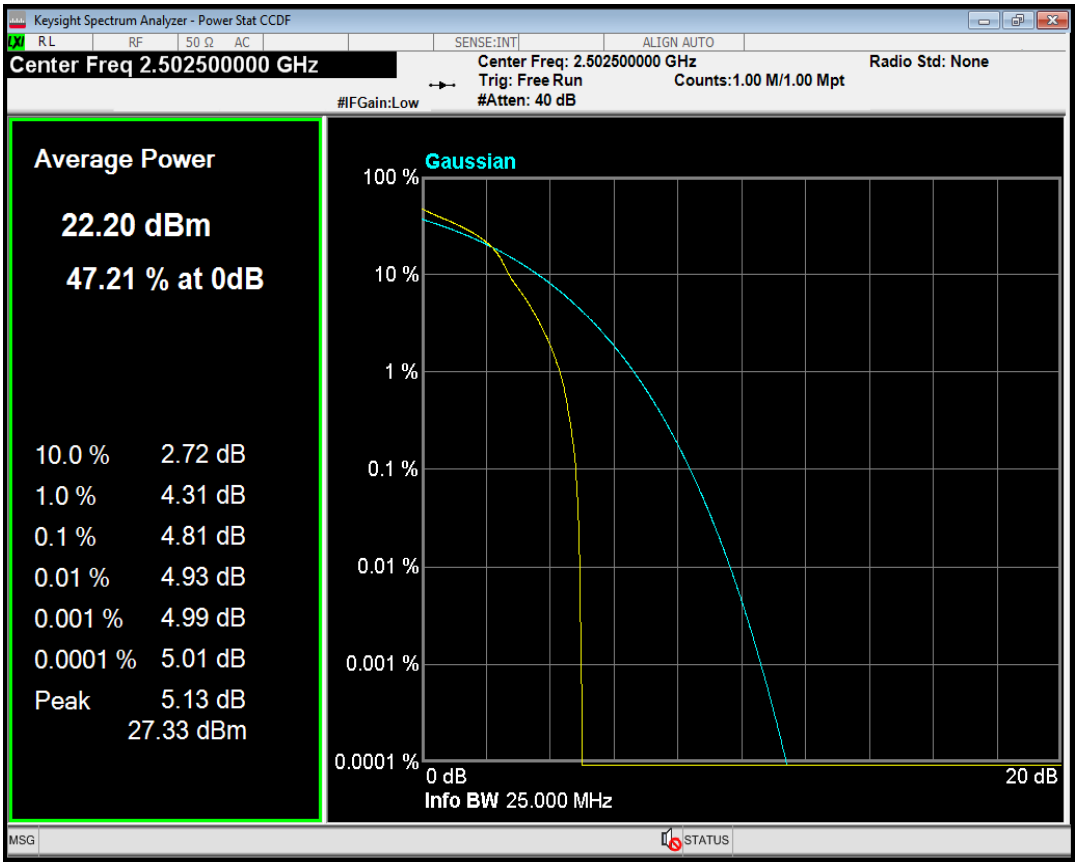
Band66 QPSK BW=20MHz Channel=132572 RB Size=1 Position=#0



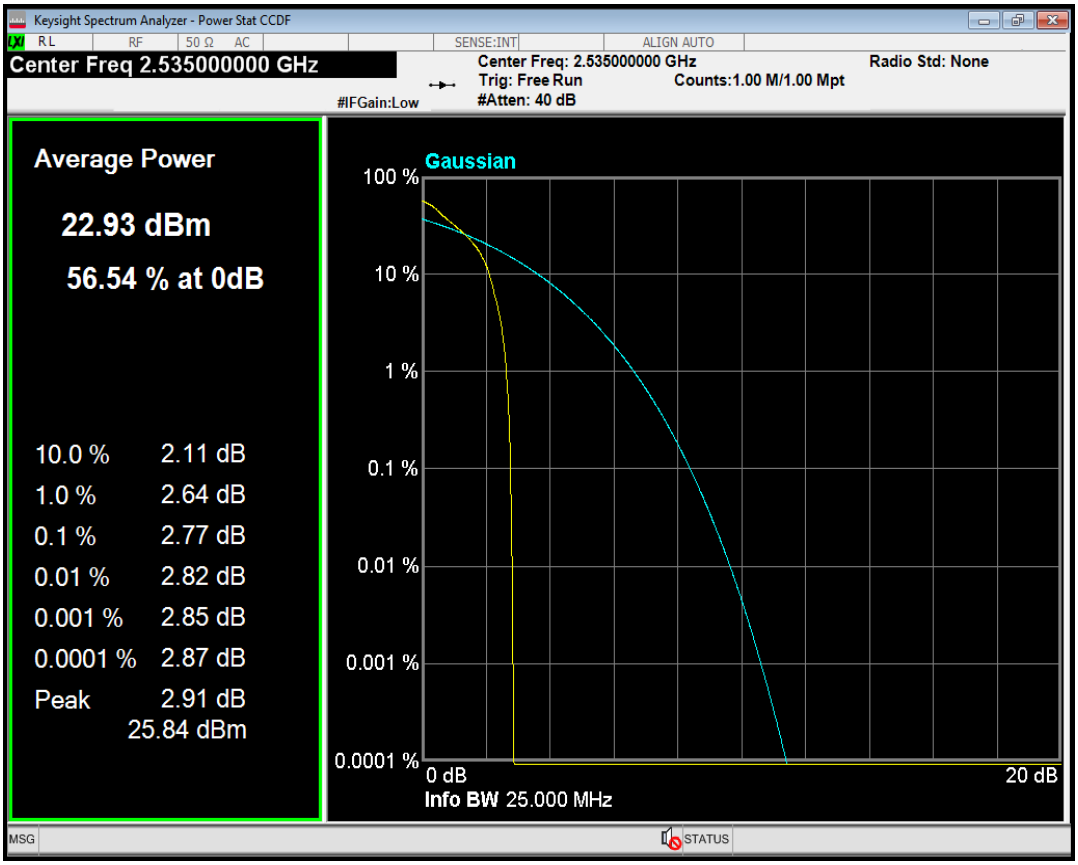
Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0



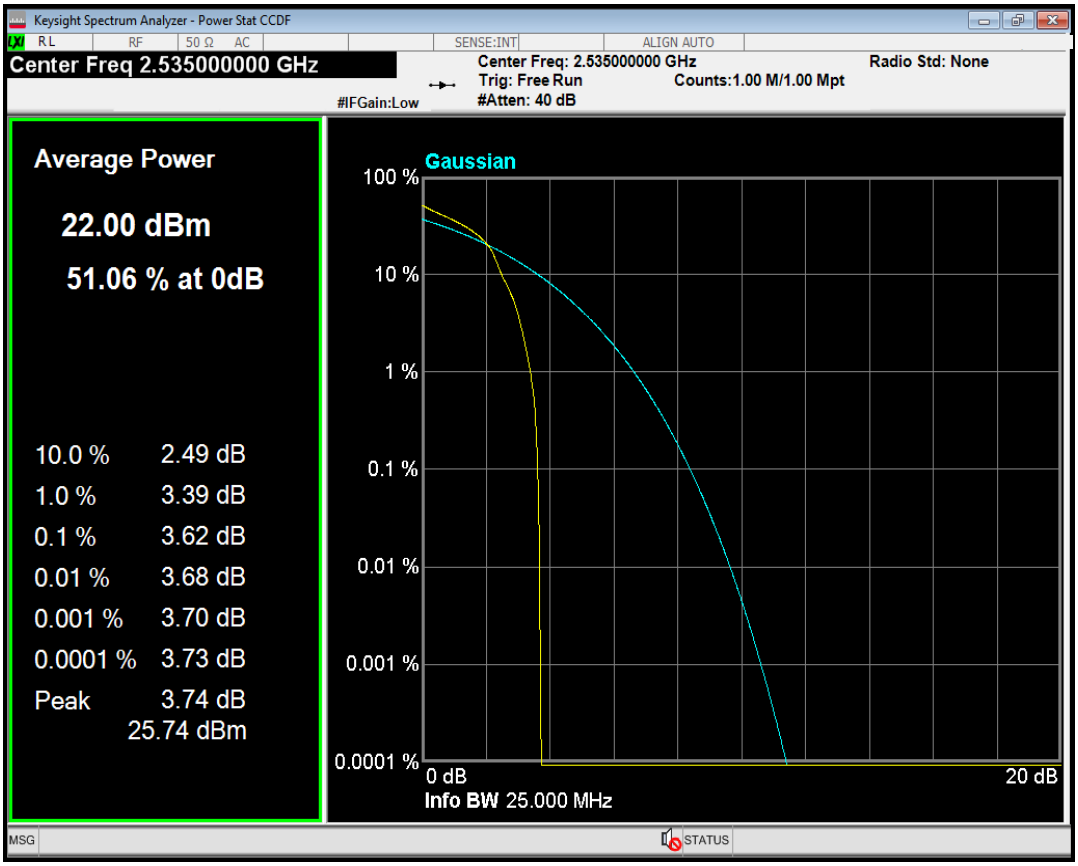
Band7 QAM16 BW=5MHz Channel=20775 RB Size=1 Position=#0



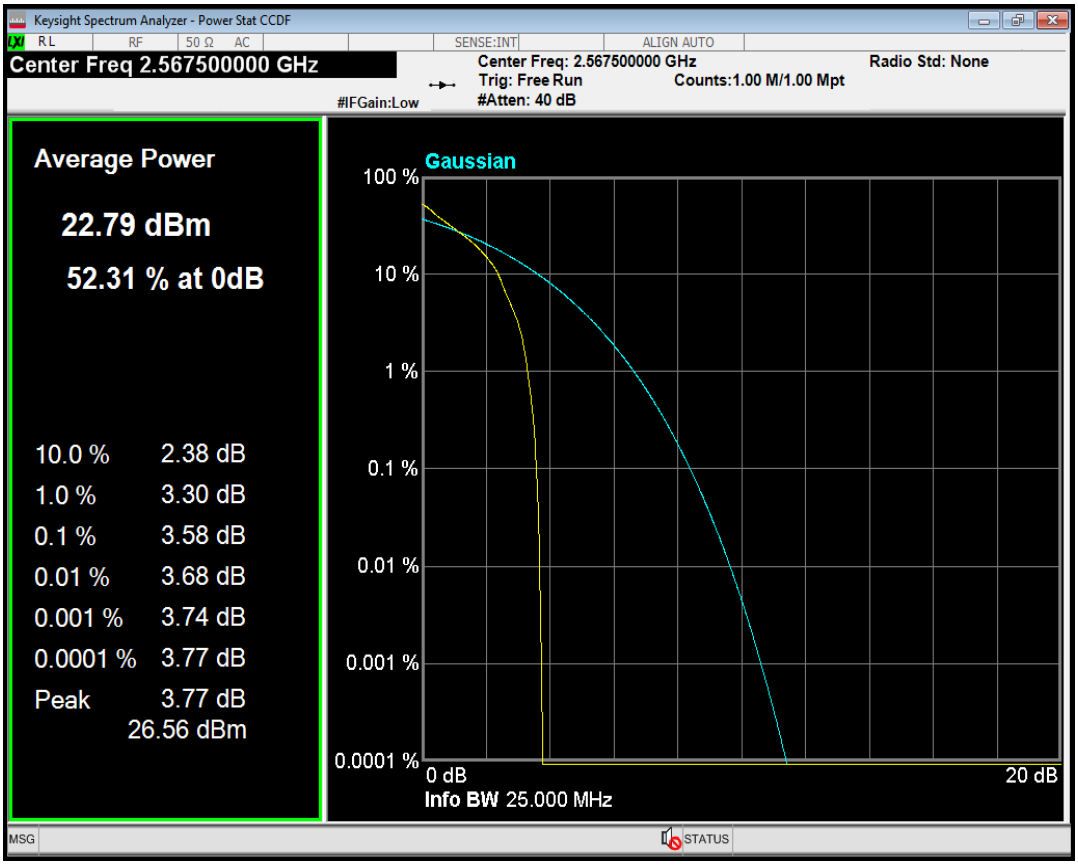
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



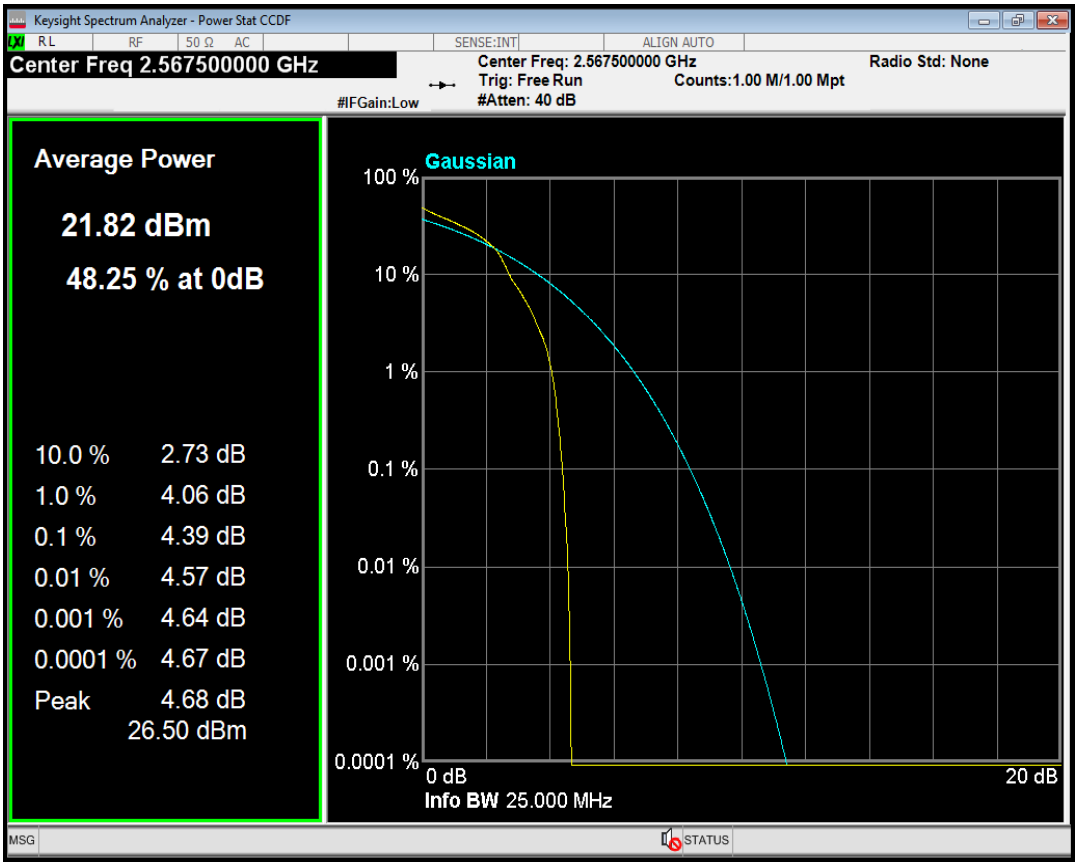
Band7 QAM16 BW=5MHz Channel=21100 RB Size=1 Position=#0



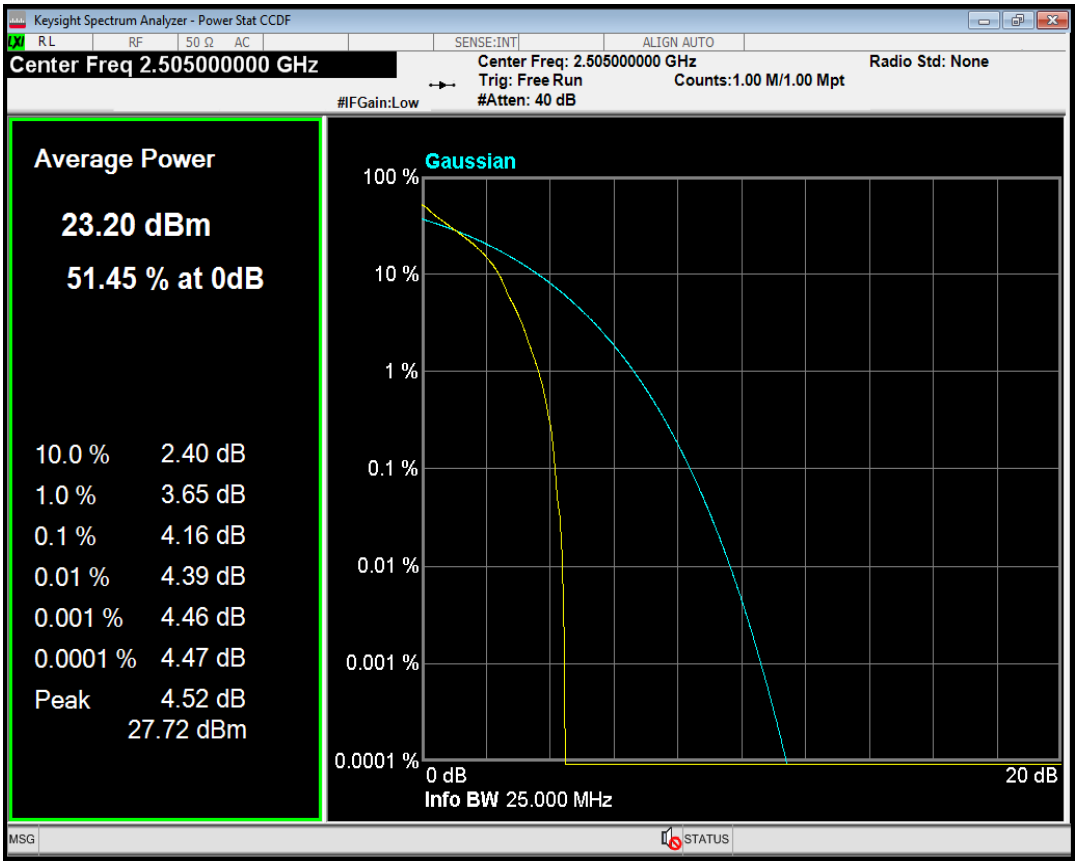
Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0



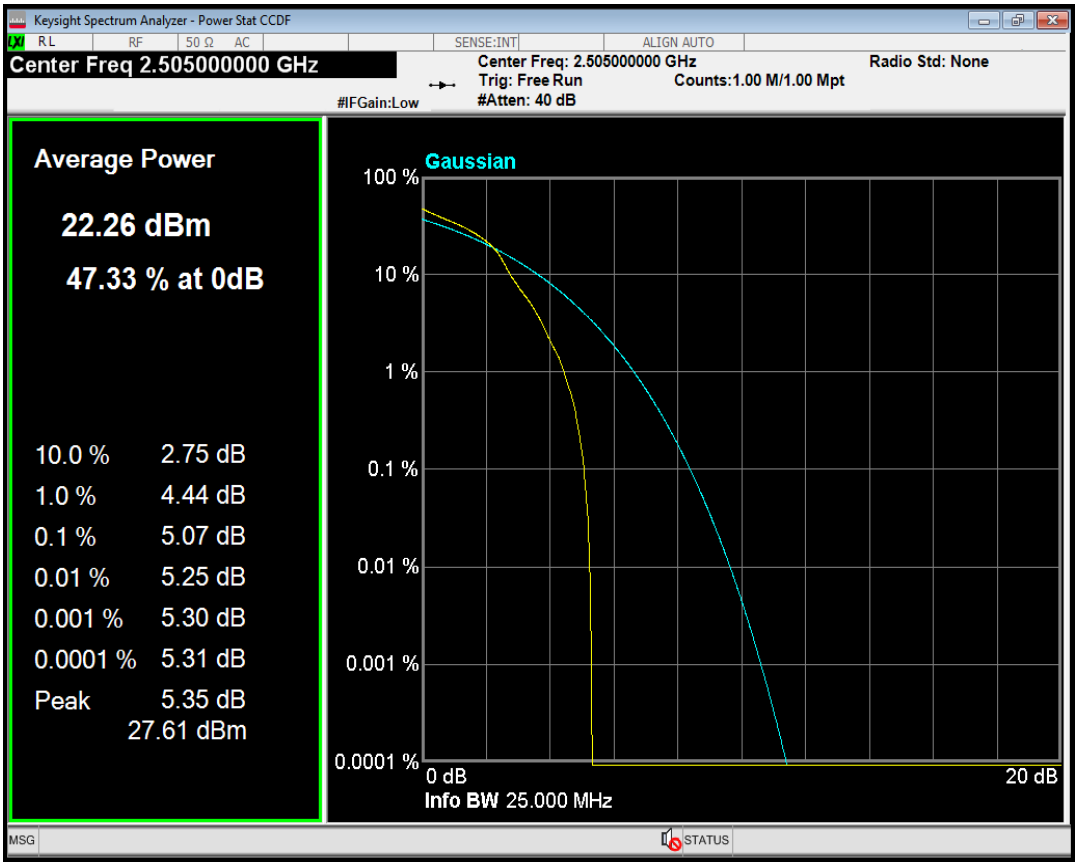
Band7 QAM16 BW=5MHz Channel=21425 RB Size=1 Position=#0



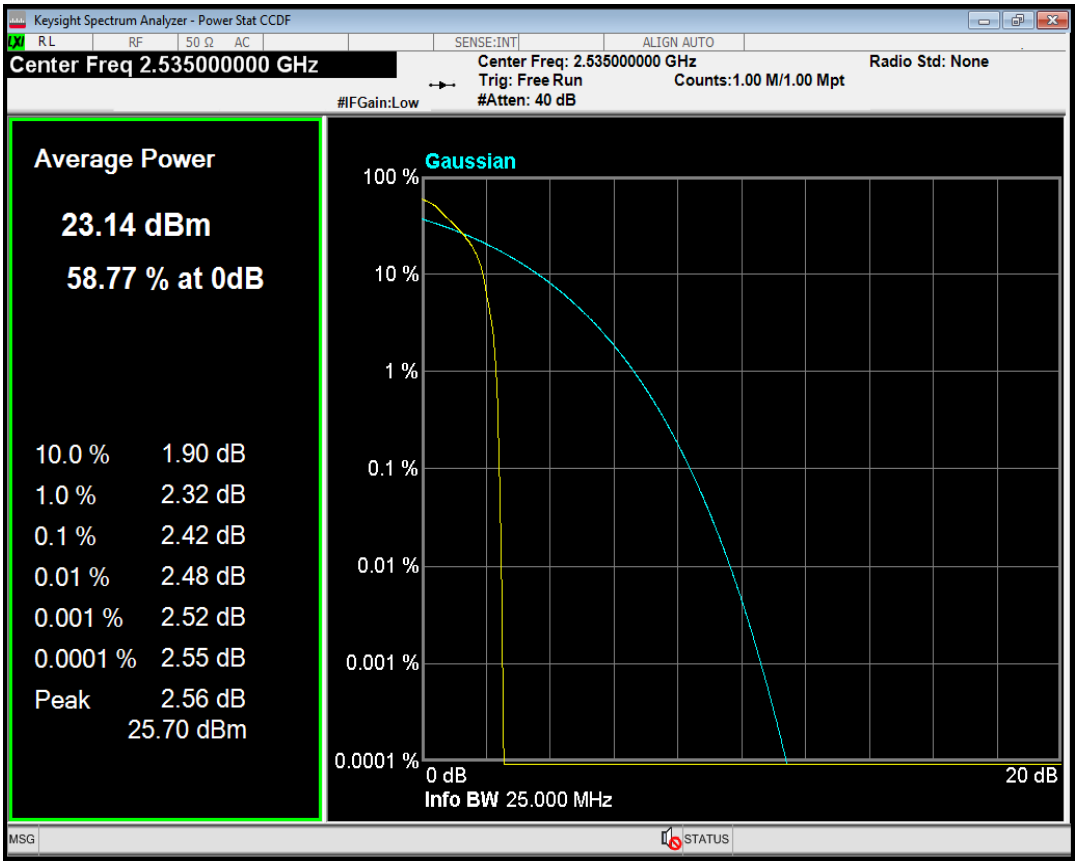
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0



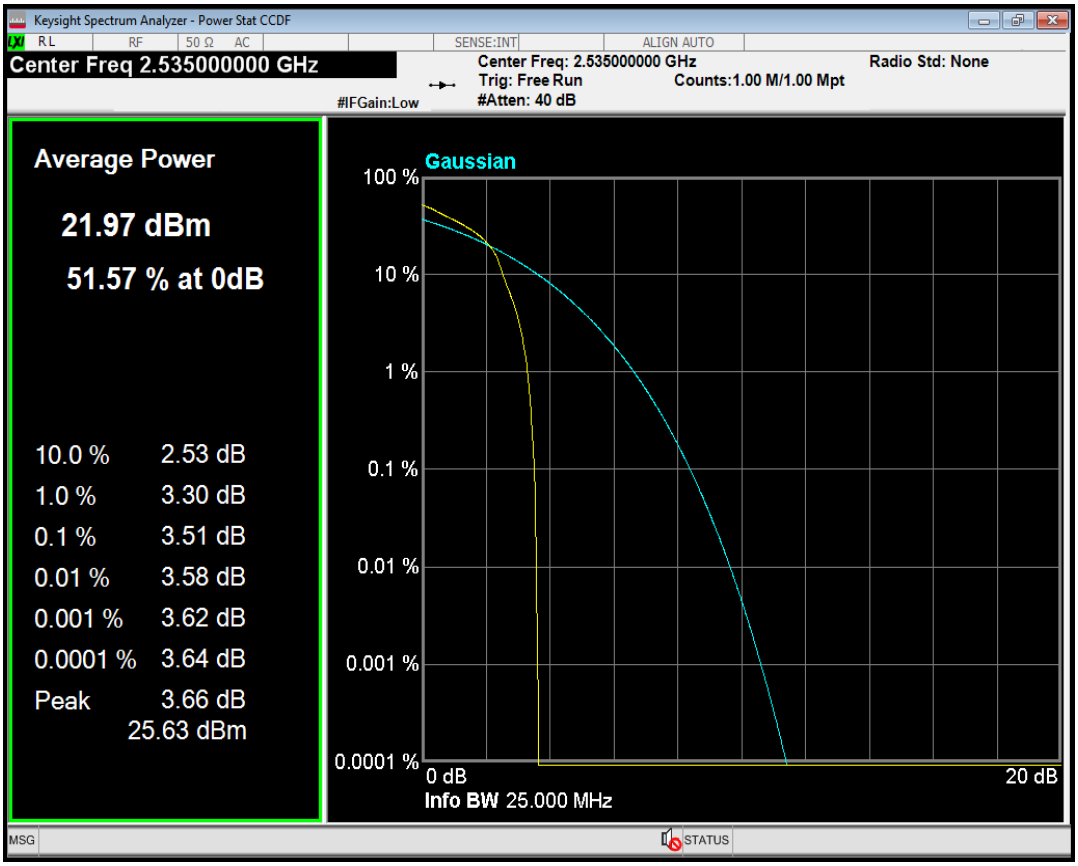
Band7 QAM16 BW=10MHz Channel=20800 RB Size=1 Position=#0



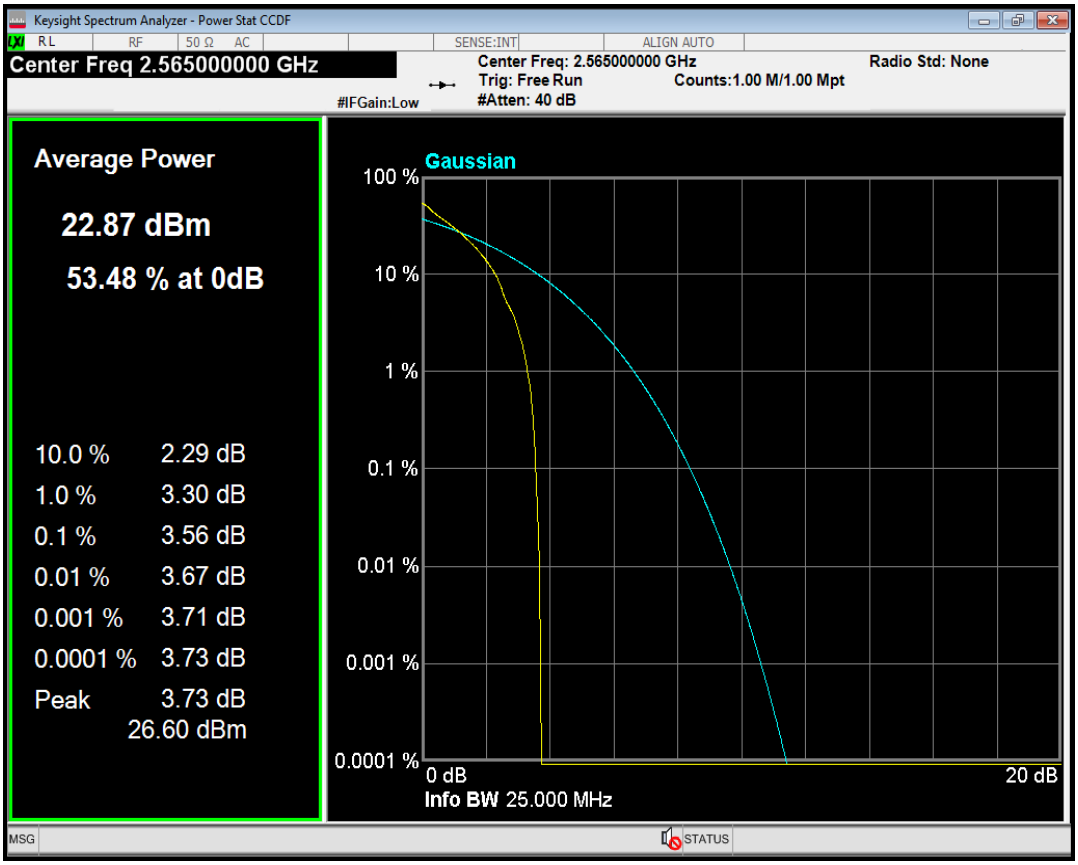
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



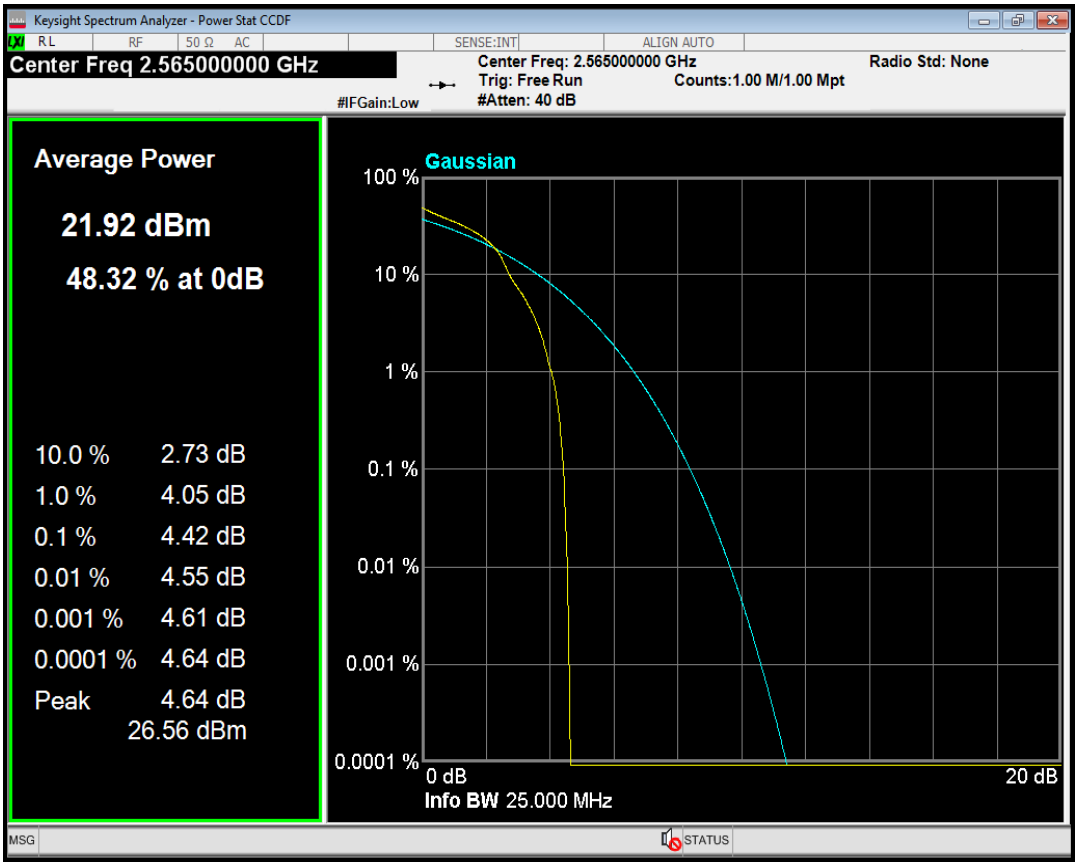
Band7 QAM16 BW=10MHz Channel=21100 RB Size=1 Position=#0



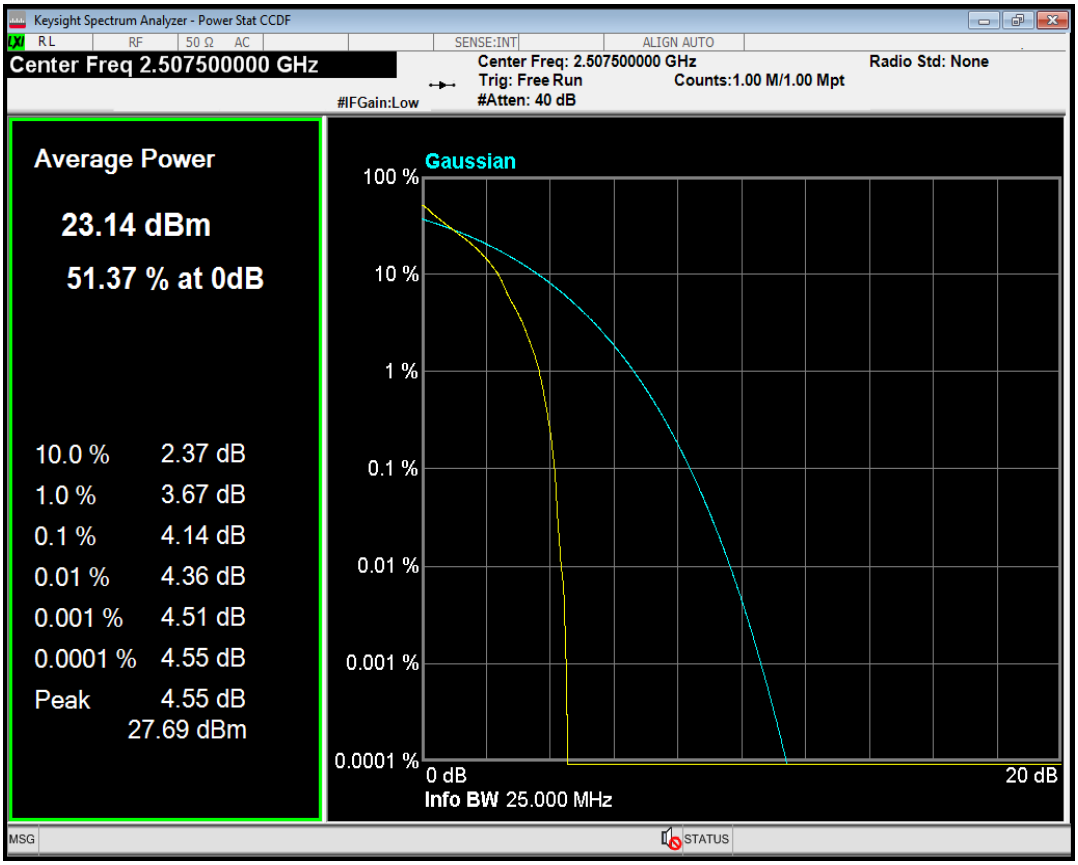
Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0



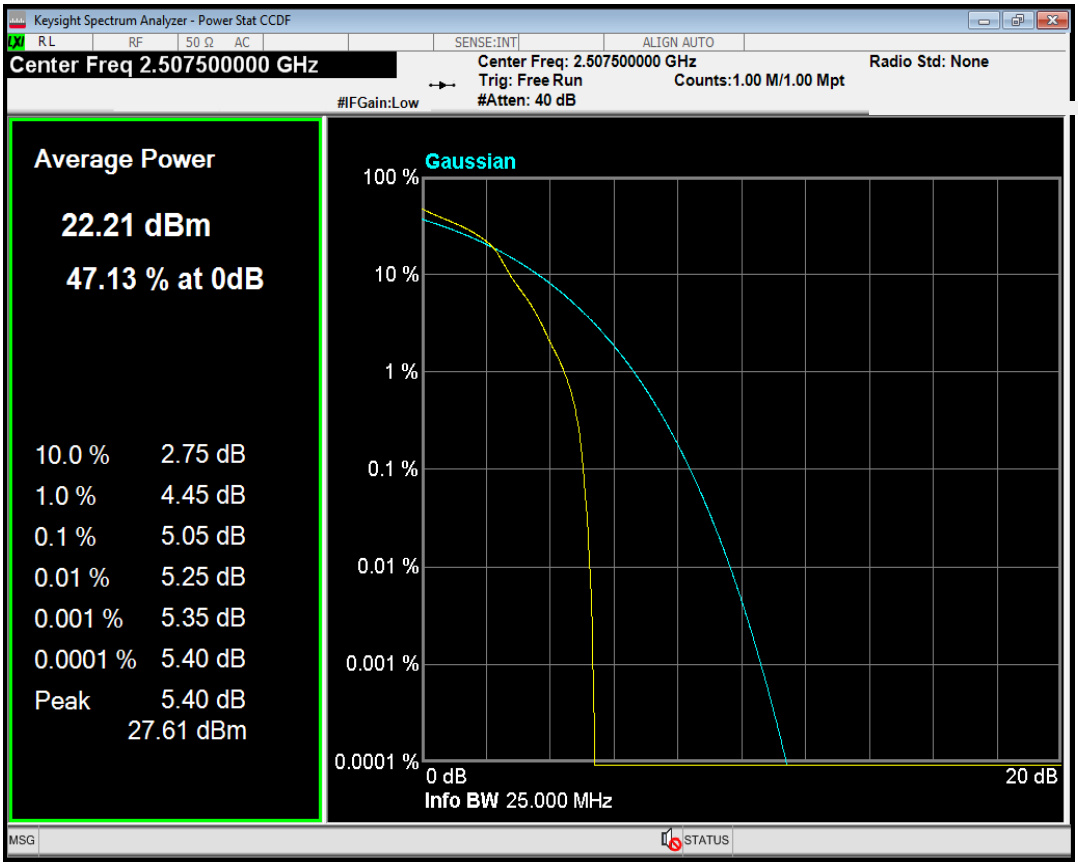
Band7 QAM16 BW=10MHz Channel=21400 RB Size=1 Position=#0



Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0



Band7 QAM16 BW=15MHz Channel=20825 RB Size=1 Position=#0



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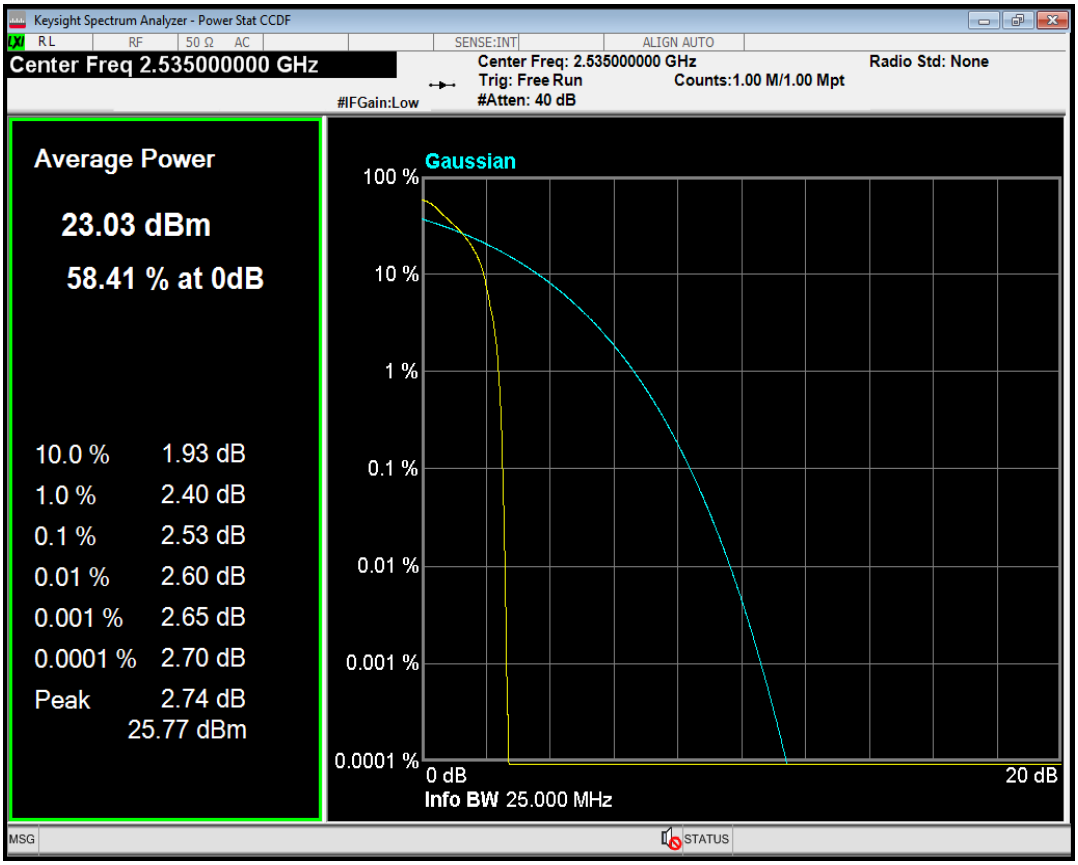
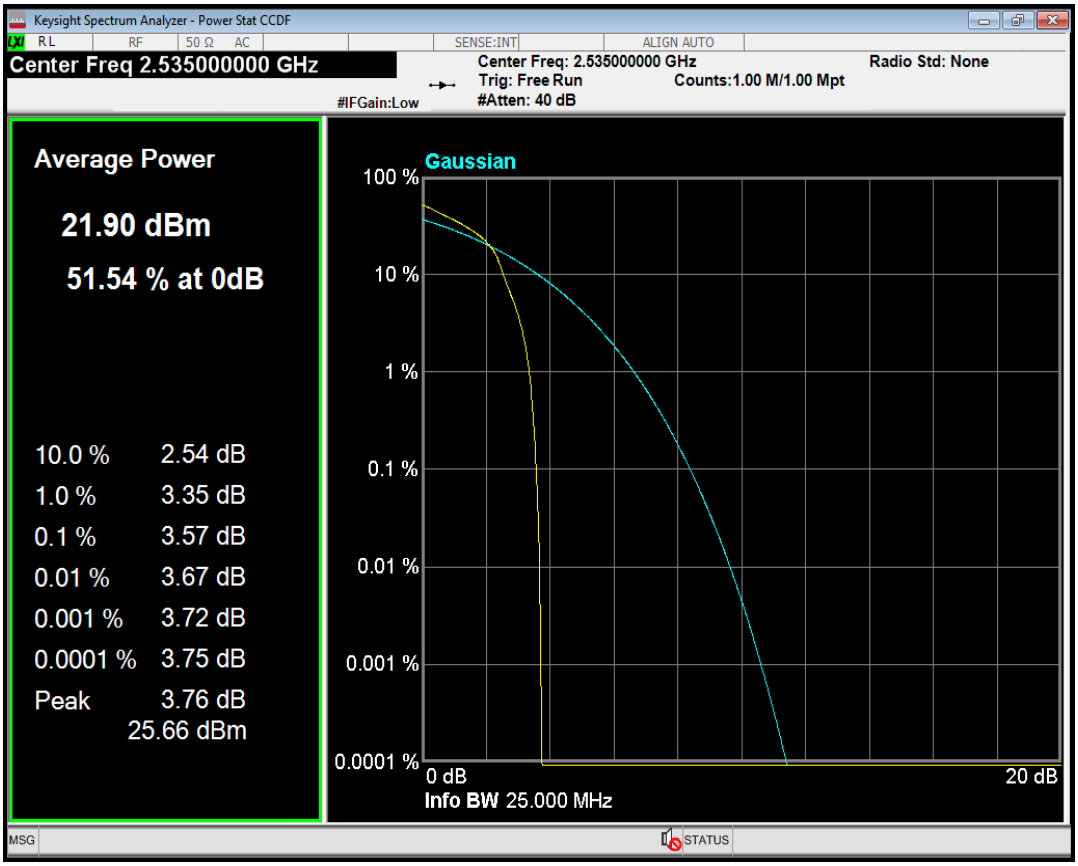
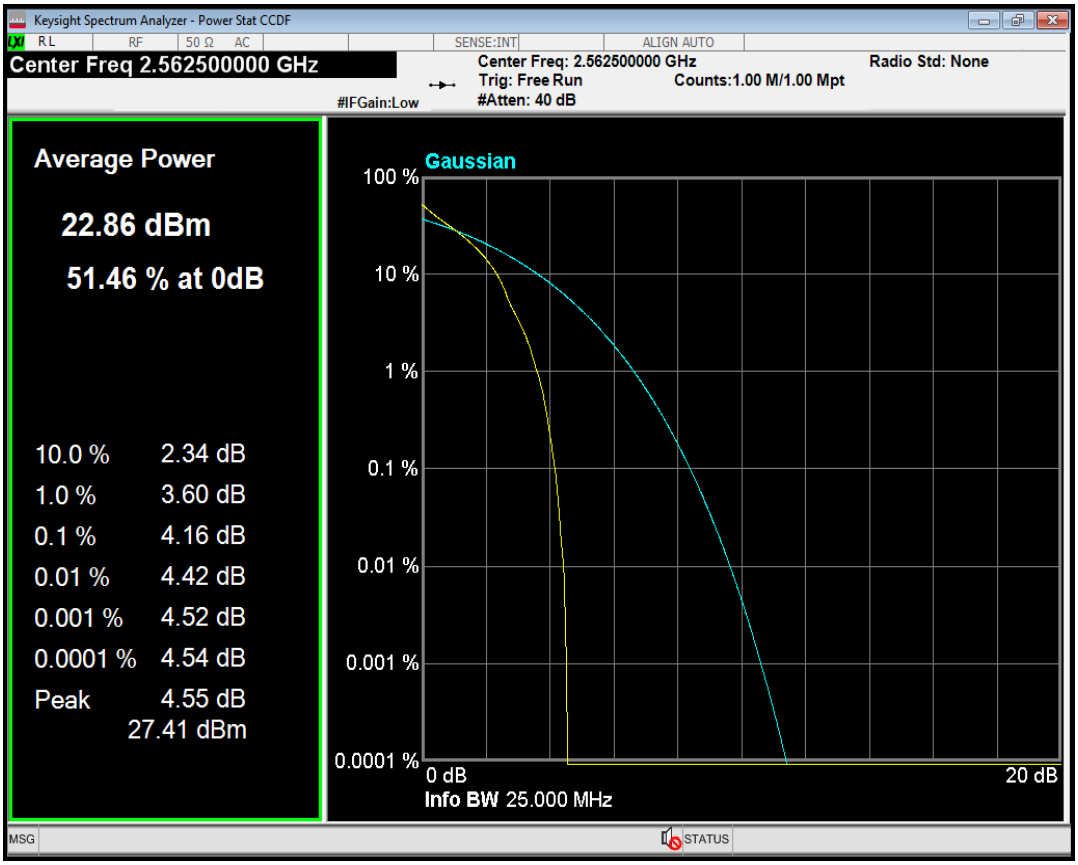


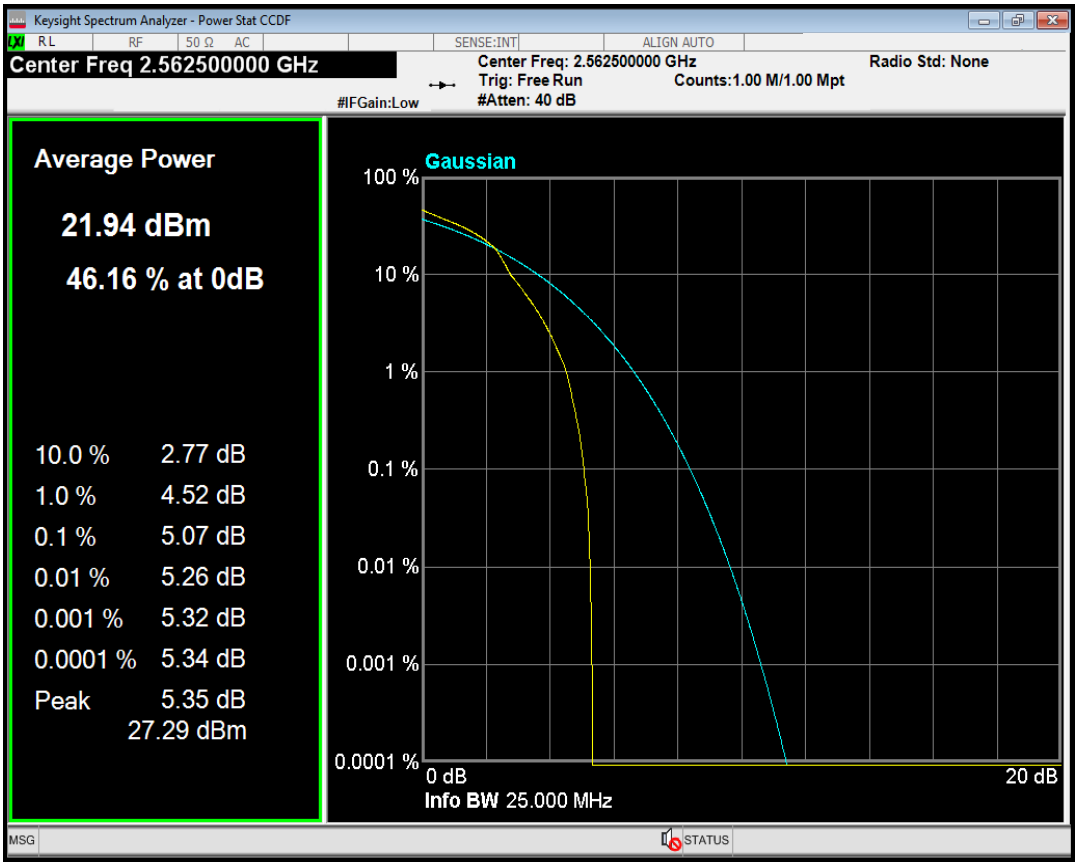
Band7 QAM16 BW=15MHz Channel=21100 RB Size=1 Position=#0



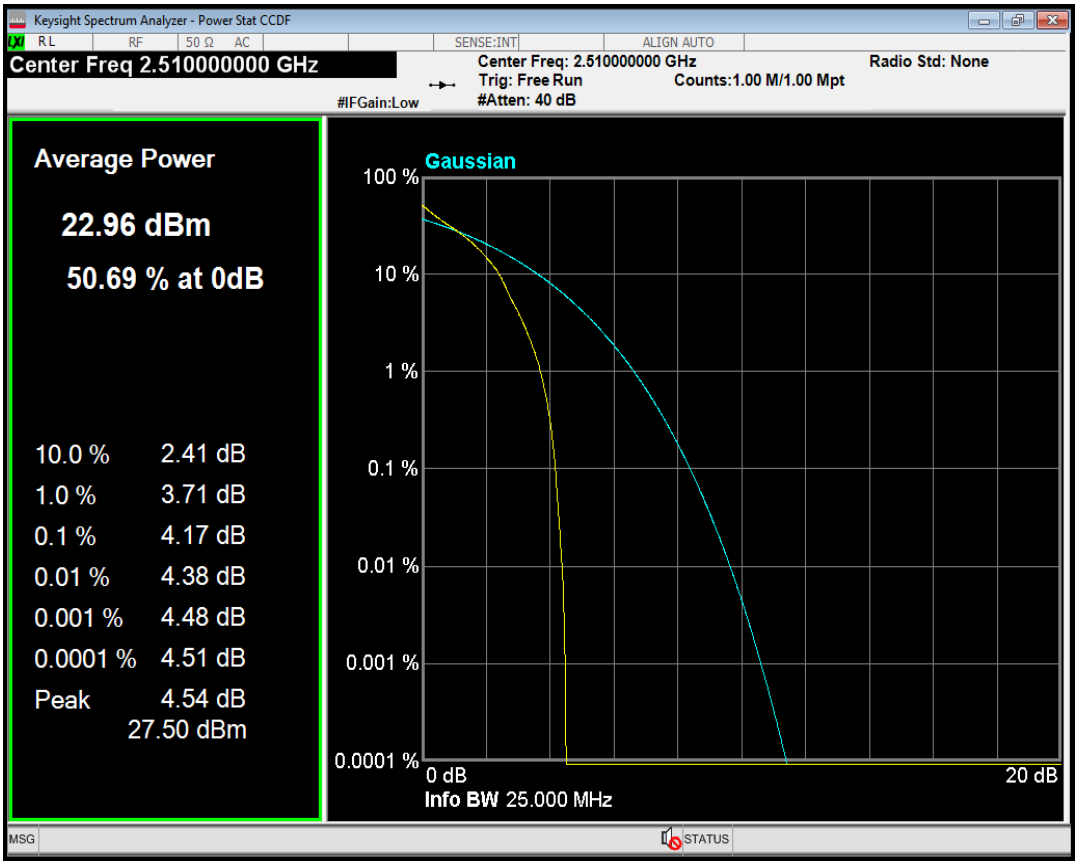
Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0



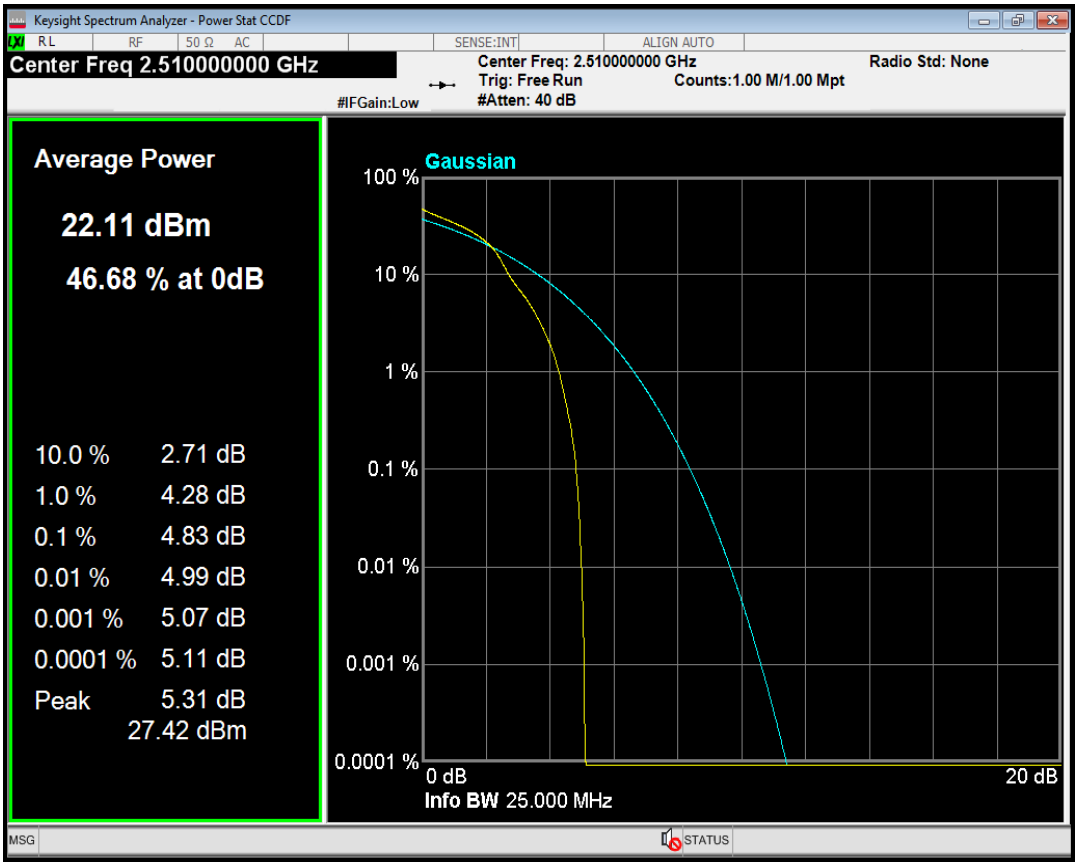
Band7 QAM16 BW=15MHz Channel=21375 RB Size=1 Position=#0



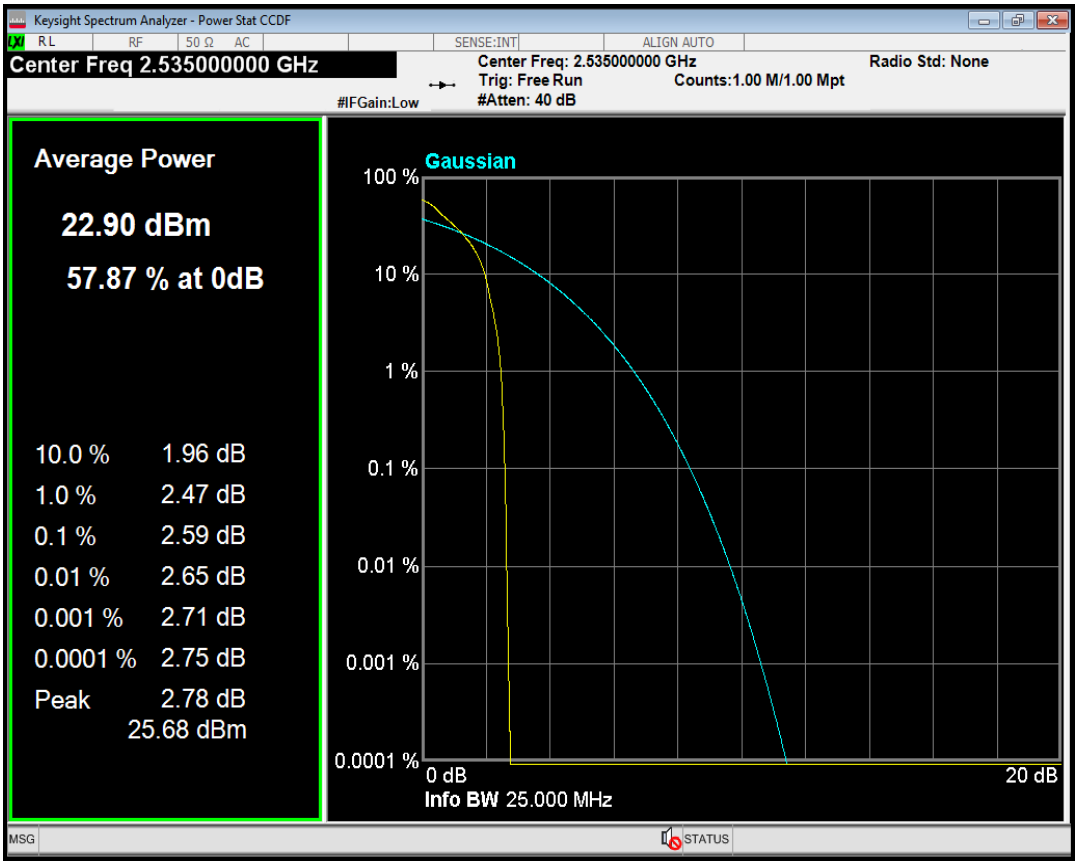
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0



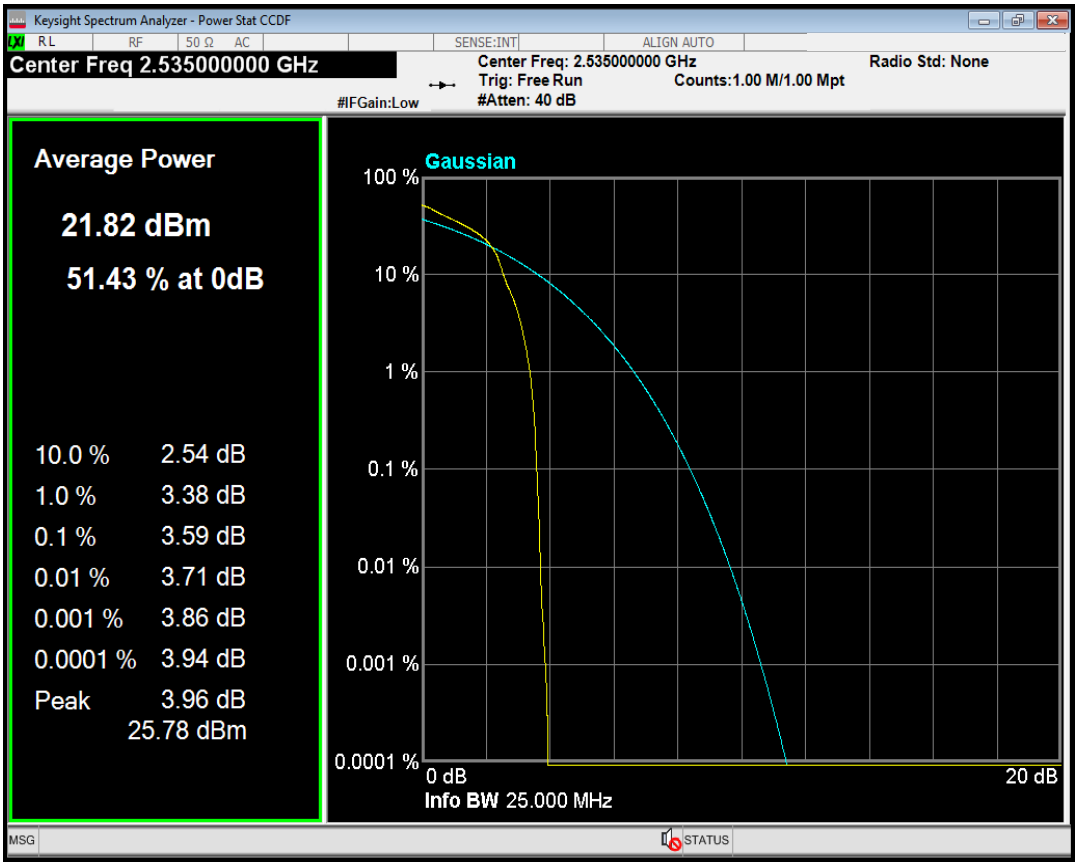
Band7 QAM16 BW=20MHz Channel=20850 RB Size=1 Position=#0



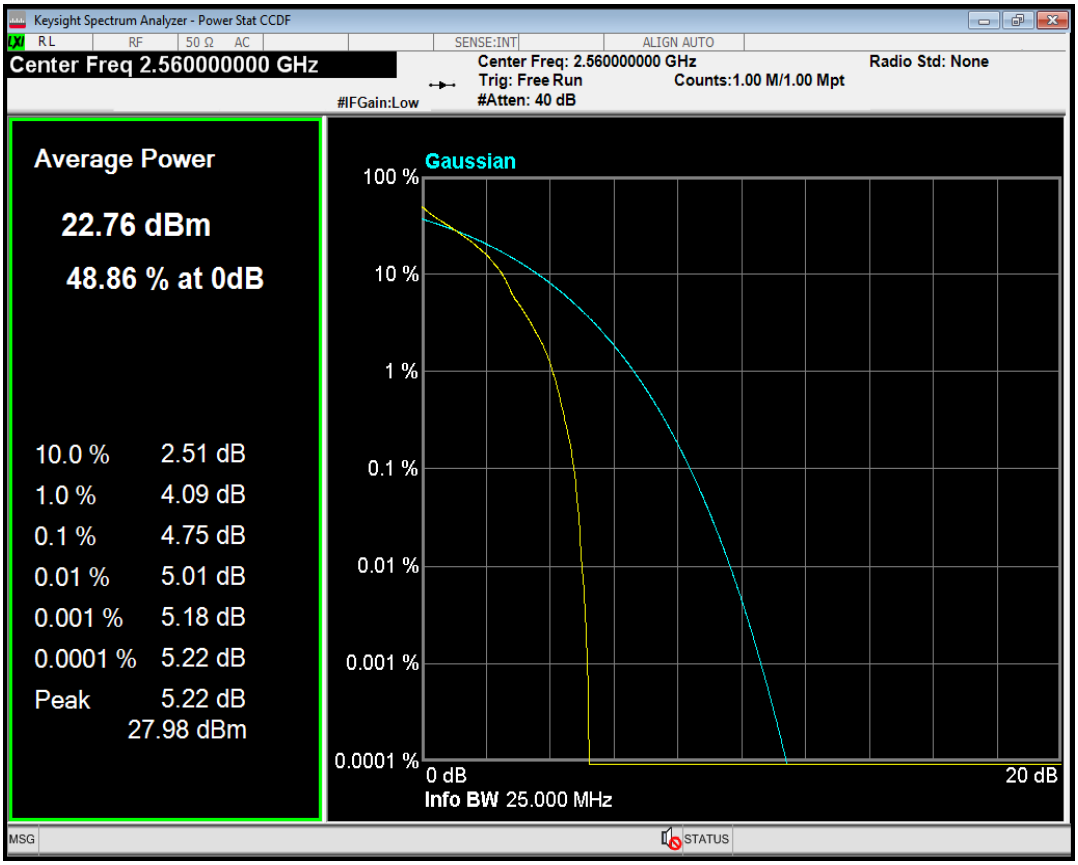
Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0



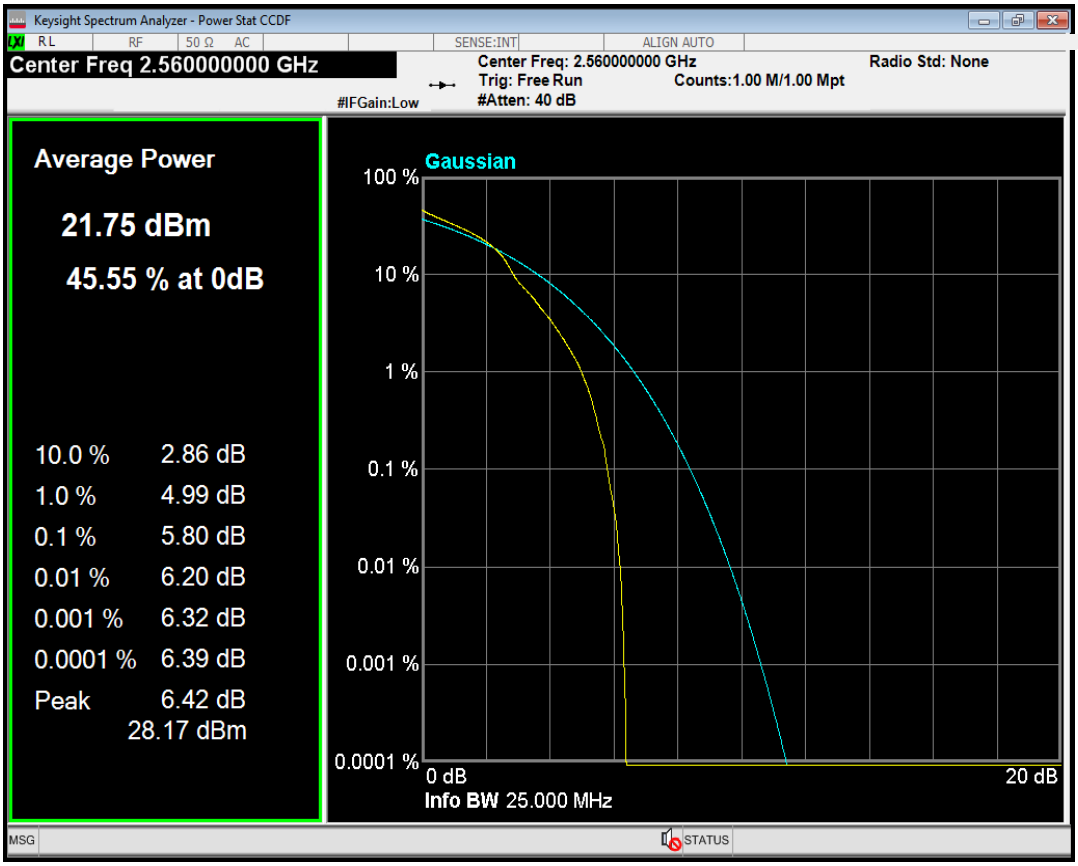
Band7 QAM16 BW=20MHz Channel=21100 RB Size=1 Position=#0



Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#0



Band7 QAM16 BW=20MHz Channel=21350 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
Band2	1.4	18607	6	#0	QPSK	1.101	1.262	PASS
Band2	1.4	18607	6	#0	QAM16	1.107	1.263	PASS
Band2	1.4	18900	6	#0	QPSK	1.103	1.272	PASS
Band2	1.4	18900	6	#0	QAM16	1.096	1.266	PASS
Band2	1.4	19193	6	#0	QPSK	1.108	1.307	PASS
Band2	1.4	19193	6	#0	QAM16	1.112	1.351	PASS
Band2	3	18615	15	#0	QPSK	2.699	2.926	PASS
Band2	3	18615	15	#0	QAM16	2.696	2.910	PASS
Band2	3	18900	15	#0	QPSK	2.702	2.934	PASS
Band2	3	18900	15	#0	QAM16	2.692	2.935	PASS
Band2	3	19185	15	#0	QPSK	2.712	2.979	PASS
Band2	3	19185	15	#0	QAM16	2.703	2.929	PASS
Band2	5	18625	25	#0	QPSK	4.509	4.863	PASS
Band2	5	18625	25	#0	QAM16	4.505	4.854	PASS
Band2	5	18900	25	#0	QPSK	4.505	4.827	PASS
Band2	5	18900	25	#0	QAM16	4.508	4.878	PASS
Band2	5	19175	25	#0	QPSK	4.504	4.892	PASS
Band2	5	19175	25	#0	QAM16	4.507	4.891	PASS
Band2	10	18650	50	#0	QPSK	8.958	9.657	PASS
Band2	10	18650	50	#0	QAM16	8.984	9.628	PASS
Band2	10	18900	50	#0	QPSK	8.955	9.640	PASS
Band2	10	18900	50	#0	QAM16	8.954	9.587	PASS
Band2	10	19150	50	#0	QPSK	8.994	9.649	PASS
Band2	10	19150	50	#0	QAM16	8.990	9.621	PASS
Band2	15	18675	75	#0	QPSK	13.473	14.331	PASS
Band2	15	18675	75	#0	QAM16	13.477	14.337	PASS
Band2	15	18900	75	#0	QPSK	13.433	14.389	PASS
Band2	15	18900	75	#0	QAM16	13.425	14.368	PASS
Band2	15	19125	75	#0	QPSK	13.514	14.531	PASS
Band2	15	19125	75	#0	QAM16	13.463	14.476	PASS
Band2	20	18700	100	#0	QPSK	17.952	19.274	PASS
Band2	20	18700	100	#0	QAM16	17.958	19.453	PASS
Band2	20	18900	100	#0	QPSK	17.940	19.448	PASS
Band2	20	18900	100	#0	QAM16	17.960	19.414	PASS
Band2	20	19100	100	#0	QPSK	18.000	19.505	PASS
Band2	20	19100	100	#0	QAM16	17.996	19.547	PASS
Band4	1.4	19957	6	#0	QPSK	1.099	1.259	PASS
Band4	1.4	19957	6	#0	QAM16	1.103	1.260	PASS
Band4	1.4	20175	6	#0	QPSK	1.104	1.265	PASS
Band4	1.4	20175	6	#0	QAM16	1.103	1.257	PASS
Band4	1.4	20393	6	#0	QPSK	1.096	1.264	PASS
Band4	1.4	20393	6	#0	QAM16	1.112	1.272	PASS

Band4	3	19965	15	#0	QPSK	2.689	2.925	PASS
Band4	3	19965	15	#0	QAM16	2.688	2.944	PASS
Band4	3	20175	15	#0	QPSK	2.705	2.921	PASS
Band4	3	20175	15	#0	QAM16	2.688	2.946	PASS
Band4	3	20385	15	#0	QPSK	2.706	2.941	PASS
Band4	3	20385	15	#0	QAM16	2.697	2.935	PASS
Band4	5	19975	25	#0	QPSK	4.516	4.873	PASS
Band4	5	19975	25	#0	QAM16	4.505	4.872	PASS
Band4	5	20175	25	#0	QPSK	4.496	4.882	PASS
Band4	5	20175	25	#0	QAM16	4.501	4.850	PASS
Band4	5	20375	25	#0	QPSK	4.514	4.849	PASS
Band4	5	20375	25	#0	QAM16	4.498	4.861	PASS
Band4	10	20000	50	#0	QPSK	8.984	9.639	PASS
Band4	10	20000	50	#0	QAM16	8.969	9.716	PASS
Band4	10	20175	50	#0	QPSK	8.976	9.580	PASS
Band4	10	20175	50	#0	QAM16	8.945	9.603	PASS
Band4	10	20350	50	#0	QPSK	8.967	9.692	PASS
Band4	10	20350	50	#0	QAM16	8.952	9.634	PASS
Band4	15	20025	75	#0	QPSK	13.475	14.430	PASS
Band4	15	20025	75	#0	QAM16	13.454	14.370	PASS
Band4	15	20175	75	#0	QPSK	13.419	14.361	PASS
Band4	15	20175	75	#0	QAM16	13.433	14.360	PASS
Band4	15	20325	75	#0	QPSK	13.478	14.414	PASS
Band4	15	20325	75	#0	QAM16	13.449	14.407	PASS
Band4	20	20050	100	#0	QPSK	17.942	19.499	PASS
Band4	20	20050	100	#0	QAM16	17.935	19.568	PASS
Band4	20	20175	100	#0	QPSK	17.924	19.471	PASS
Band4	20	20175	100	#0	QAM16	17.947	19.438	PASS
Band4	20	20300	100	#0	QPSK	17.963	19.459	PASS
Band4	20	20300	100	#0	QAM16	17.987	19.323	PASS
Band5	1.4	20407	6	#0	QPSK	1.095	1.311	PASS
Band5	1.4	20407	6	#0	QAM16	1.091	1.275	PASS
Band5	1.4	20525	6	#0	QPSK	1.106	1.273	PASS
Band5	1.4	20525	6	#0	QAM16	1.093	1.284	PASS
Band5	1.4	20643	6	#0	QPSK	1.087	1.273	PASS
Band5	1.4	20643	6	#0	QAM16	1.099	1.276	PASS
Band5	3	20415	15	#0	QPSK	2.689	2.898	PASS
Band5	3	20415	15	#0	QAM16	2.685	2.896	PASS
Band5	3	20525	15	#0	QPSK	2.689	2.896	PASS
Band5	3	20525	15	#0	QAM16	2.687	2.939	PASS
Band5	3	20635	15	#0	QPSK	2.695	2.912	PASS
Band5	3	20635	15	#0	QAM16	2.693	2.926	PASS
Band5	5	20425	25	#0	QPSK	4.507	4.907	PASS
Band5	5	20425	25	#0	QAM16	4.506	4.813	PASS

Band5	5	20525	25	#0	QPSK	4.499	4.873	PASS
Band5	5	20525	25	#0	QAM16	4.503	4.913	PASS
Band5	5	20625	25	#0	QPSK	4.511	4.836	PASS
Band5	5	20625	25	#0	QAM16	4.517	4.875	PASS
Band5	10	20450	50	#0	QPSK	8.963	9.777	PASS
Band5	10	20450	50	#0	QAM16	8.987	9.698	PASS
Band5	10	20525	50	#0	QPSK	8.978	9.671	PASS
Band5	10	20525	50	#0	QAM16	8.992	9.619	PASS
Band5	10	20600	50	#0	QPSK	8.979	9.703	PASS
Band5	10	20600	50	#0	QAM16	8.985	9.690	PASS
Band66	1.4	131979	6	#0	QPSK	1.102	1.265	PASS
Band66	1.4	131979	6	#0	QAM16	1.101	1.258	PASS
Band66	1.4	132322	6	#0	QPSK	1.103	1.262	PASS
Band66	1.4	132322	6	#0	QAM16	1.103	1.262	PASS
Band66	1.4	132665	6	#0	QPSK	1.099	1.266	PASS
Band66	1.4	132665	6	#0	QAM16	1.102	1.264	PASS
Band66	3	131987	15	#0	QPSK	2.701	2.936	PASS
Band66	3	131987	15	#0	QAM16	2.702	2.921	PASS
Band66	3	132322	15	#0	QPSK	2.694	2.901	PASS
Band66	3	132322	15	#0	QAM16	2.700	2.937	PASS
Band66	3	132657	15	#0	QPSK	2.705	2.940	PASS
Band66	3	132657	15	#0	QAM16	2.703	2.927	PASS
Band66	5	131997	25	#0	QPSK	4.512	4.856	PASS
Band66	5	131997	25	#0	QAM16	4.502	4.827	PASS
Band66	5	132322	25	#0	QPSK	4.502	4.825	PASS
Band66	5	132322	25	#0	QAM16	4.514	4.847	PASS
Band66	5	132647	25	#0	QPSK	4.509	4.856	PASS
Band66	5	132647	25	#0	QAM16	4.516	4.837	PASS
Band66	10	132022	50	#0	QPSK	8.997	9.585	PASS
Band66	10	132022	50	#0	QAM16	8.969	9.622	PASS
Band66	10	132322	50	#0	QPSK	8.982	9.638	PASS
Band66	10	132322	50	#0	QAM16	8.987	9.626	PASS
Band66	10	132622	50	#0	QPSK	8.980	9.628	PASS
Band66	10	132622	50	#0	QAM16	8.981	9.599	PASS
Band66	15	132047	75	#0	QPSK	13.448	14.340	PASS
Band66	15	132047	75	#0	QAM16	13.461	14.404	PASS
Band66	15	132322	75	#0	QPSK	13.469	14.430	PASS
Band66	15	132322	75	#0	QAM16	13.508	14.447	PASS
Band66	15	132597	75	#0	QPSK	13.480	14.366	PASS
Band66	15	132597	75	#0	QAM16	13.424	14.437	PASS
Band66	20	132072	100	#0	QPSK	17.914	19.518	PASS
Band66	20	132072	100	#0	QAM16	17.907	19.316	PASS
Band66	20	132322	100	#0	QPSK	17.979	19.561	PASS
Band66	20	132322	100	#0	QAM16	17.982	19.383	PASS

Band66	20	132572	100	#0	QPSK	17.910	19.283	PASS
Band66	20	132572	100	#0	QAM16	17.990	19.360	PASS
Band7	5	20775	25	#0	QPSK	4.498	4.922	PASS
Band7	5	20775	25	#0	QAM16	4.502	4.884	PASS
Band7	5	21100	25	#0	QPSK	4.506	4.948	PASS
Band7	5	21100	25	#0	QAM16	4.536	4.957	PASS
Band7	5	21425	25	#0	QPSK	4.515	4.903	PASS
Band7	5	21425	25	#0	QAM16	4.505	4.881	PASS
Band7	10	20800	50	#0	QPSK	8.966	9.776	PASS
Band7	10	20800	50	#0	QAM16	8.956	9.608	PASS
Band7	10	21100	50	#0	QPSK	9.001	9.807	PASS
Band7	10	21100	50	#0	QAM16	9.004	9.764	PASS
Band7	10	21400	50	#0	QPSK	8.993	9.792	PASS
Band7	10	21400	50	#0	QAM16	8.995	9.809	PASS
Band7	15	20825	75	#0	QPSK	13.447	14.592	PASS
Band7	15	20825	75	#0	QAM16	13.406	14.466	PASS
Band7	15	21100	75	#0	QPSK	13.499	14.667	PASS
Band7	15	21100	75	#0	QAM16	13.488	14.417	PASS
Band7	15	21375	75	#0	QPSK	13.506	14.747	PASS
Band7	15	21375	75	#0	QAM16	13.472	14.469	PASS
Band7	20	20850	100	#0	QPSK	17.946	19.131	PASS
Band7	20	20850	100	#0	QAM16	17.894	19.262	PASS
Band7	20	21100	100	#0	QPSK	18.086	19.362	PASS
Band7	20	21100	100	#0	QAM16	18.047	19.471	PASS
Band7	20	21350	100	#0	QPSK	17.948	19.237	PASS
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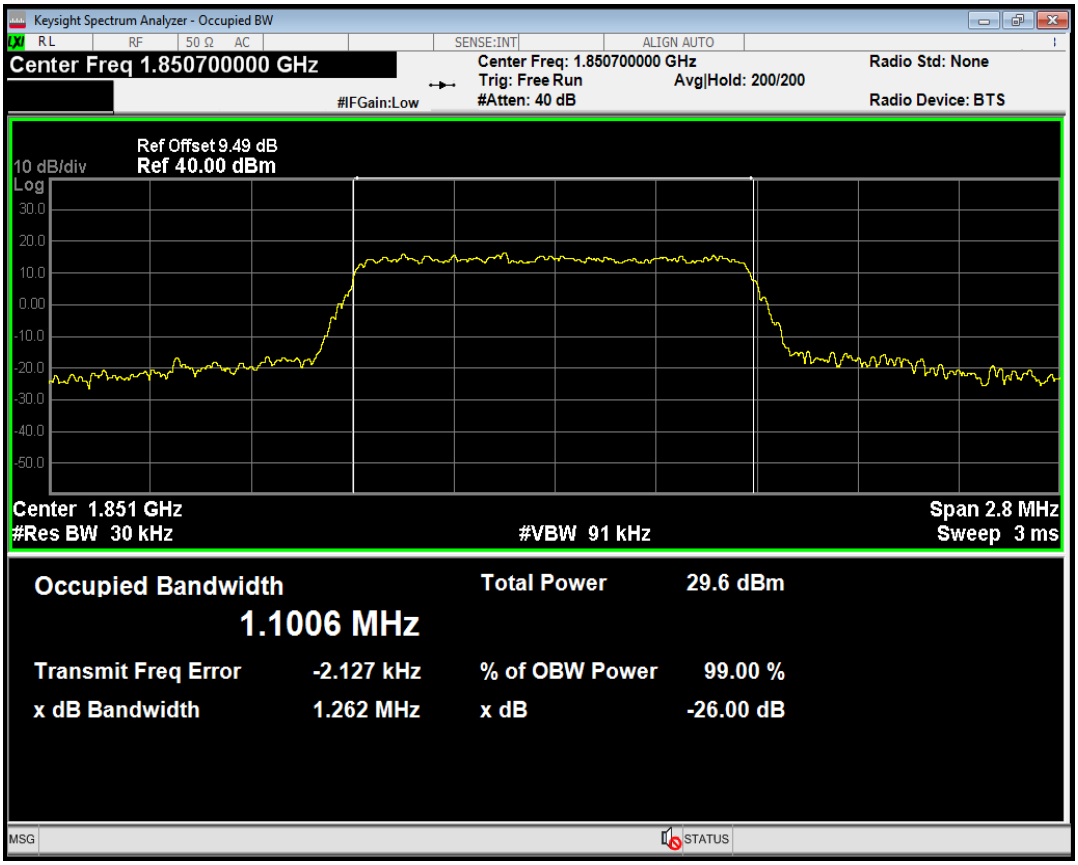
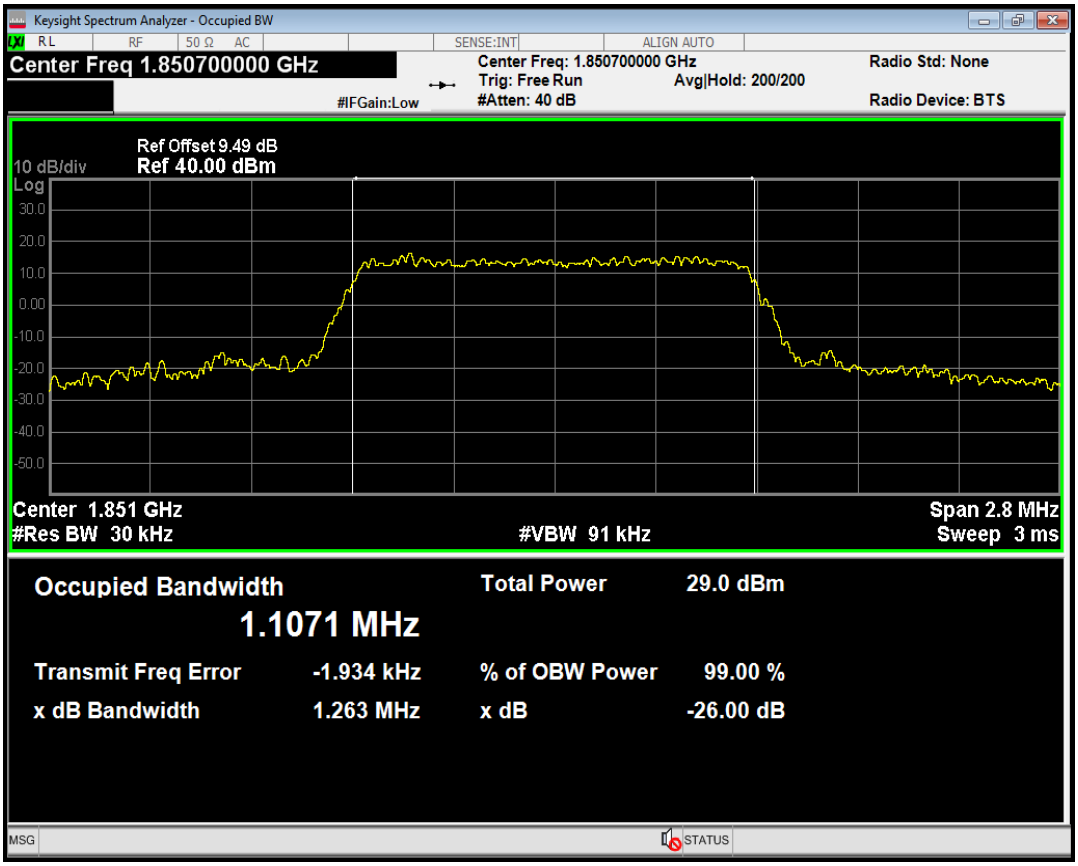
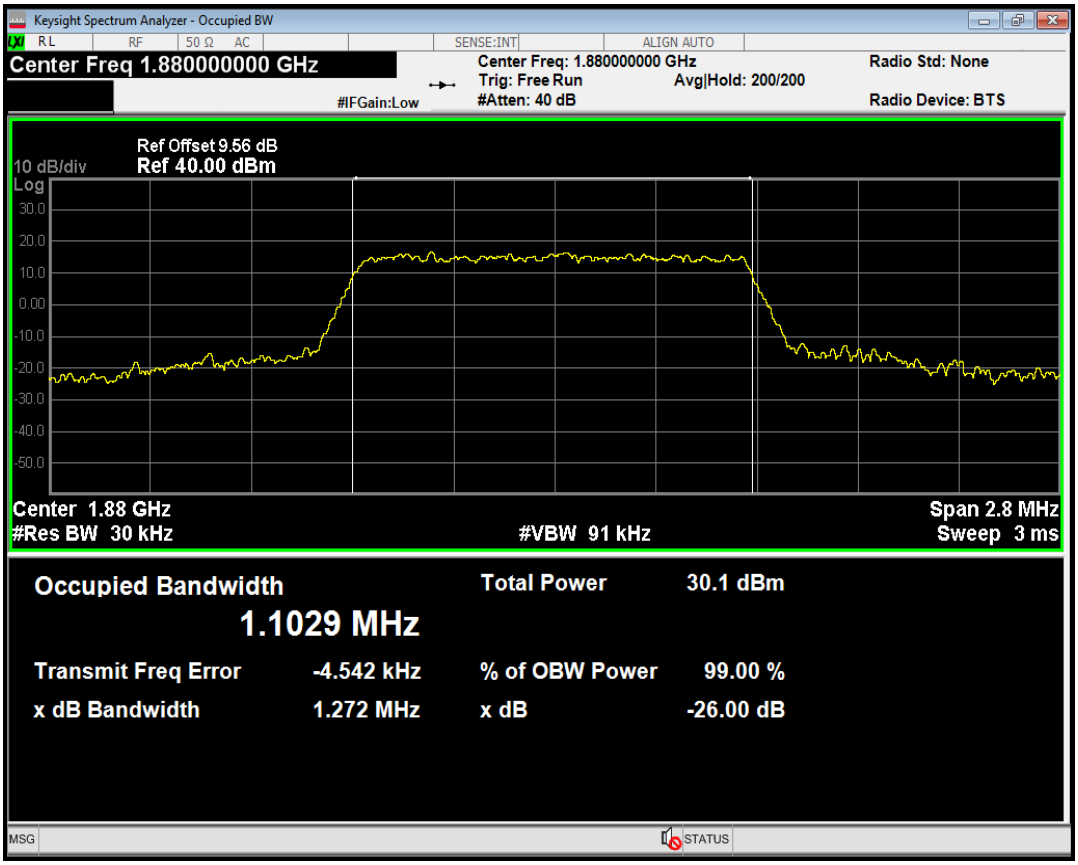
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



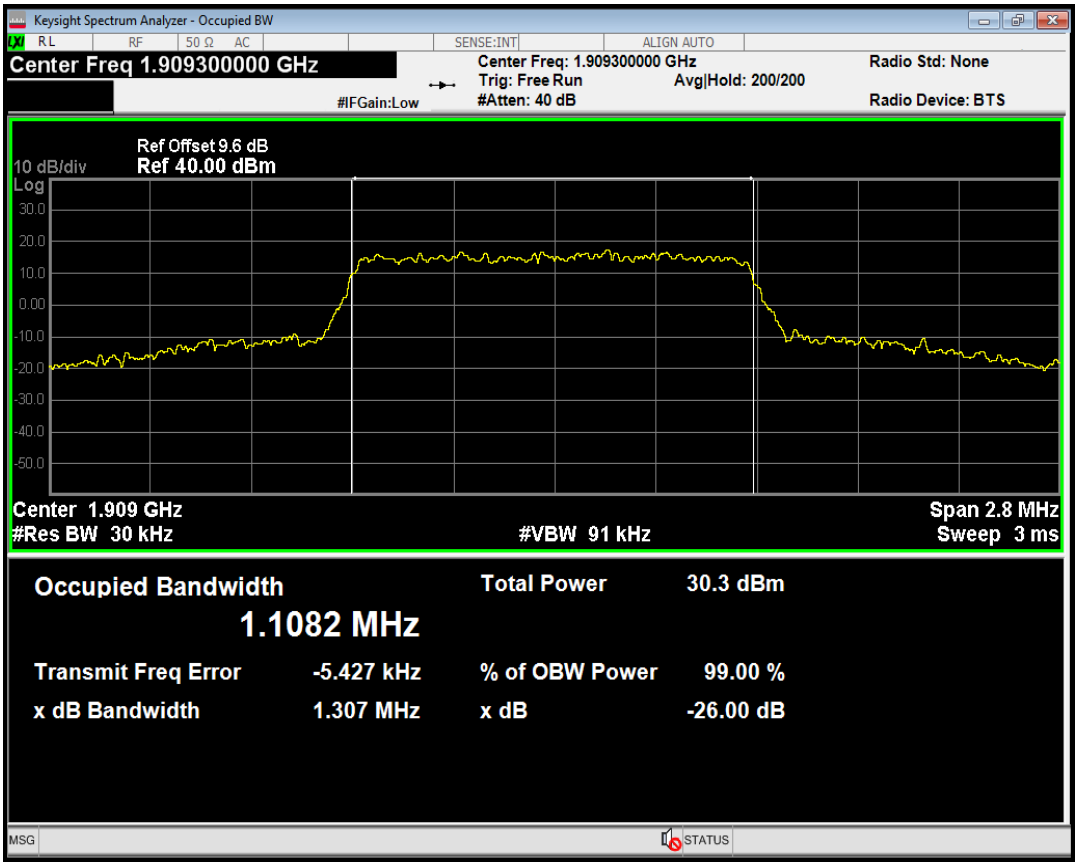
Band2 QAM16 BW=1.4MHz Channel=18607 RB Size=6 Position=#0



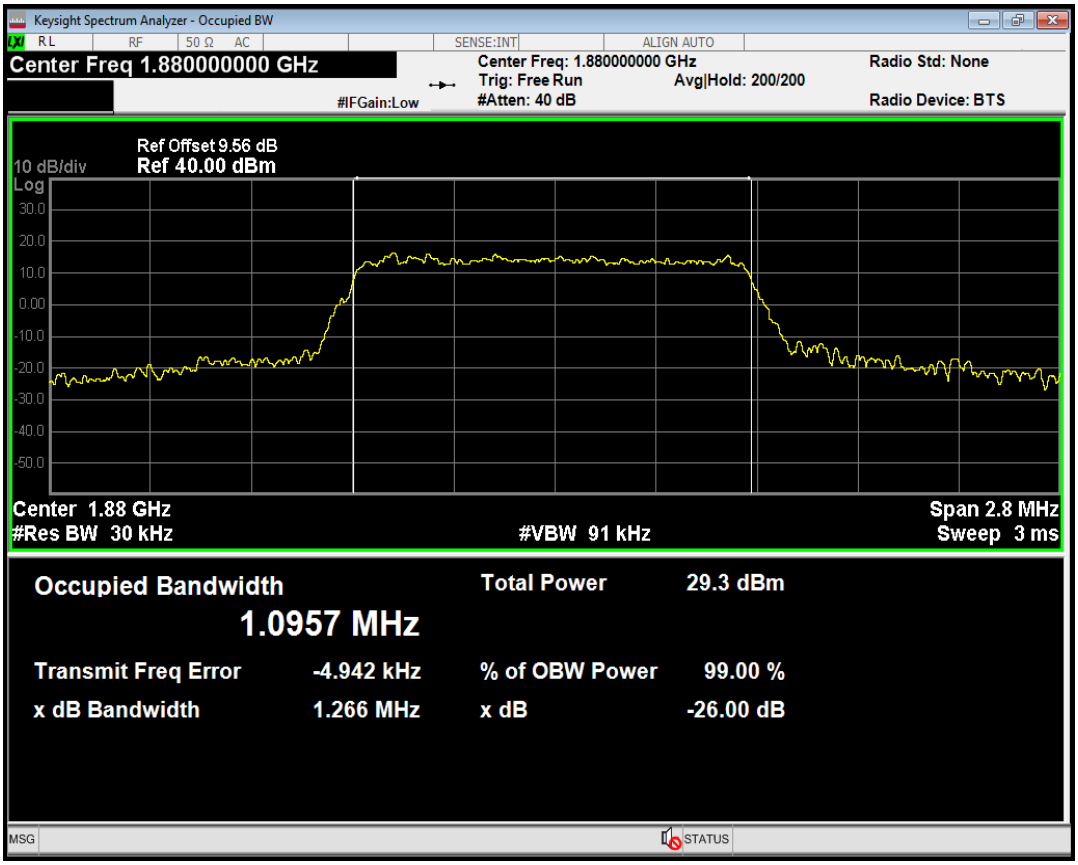
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



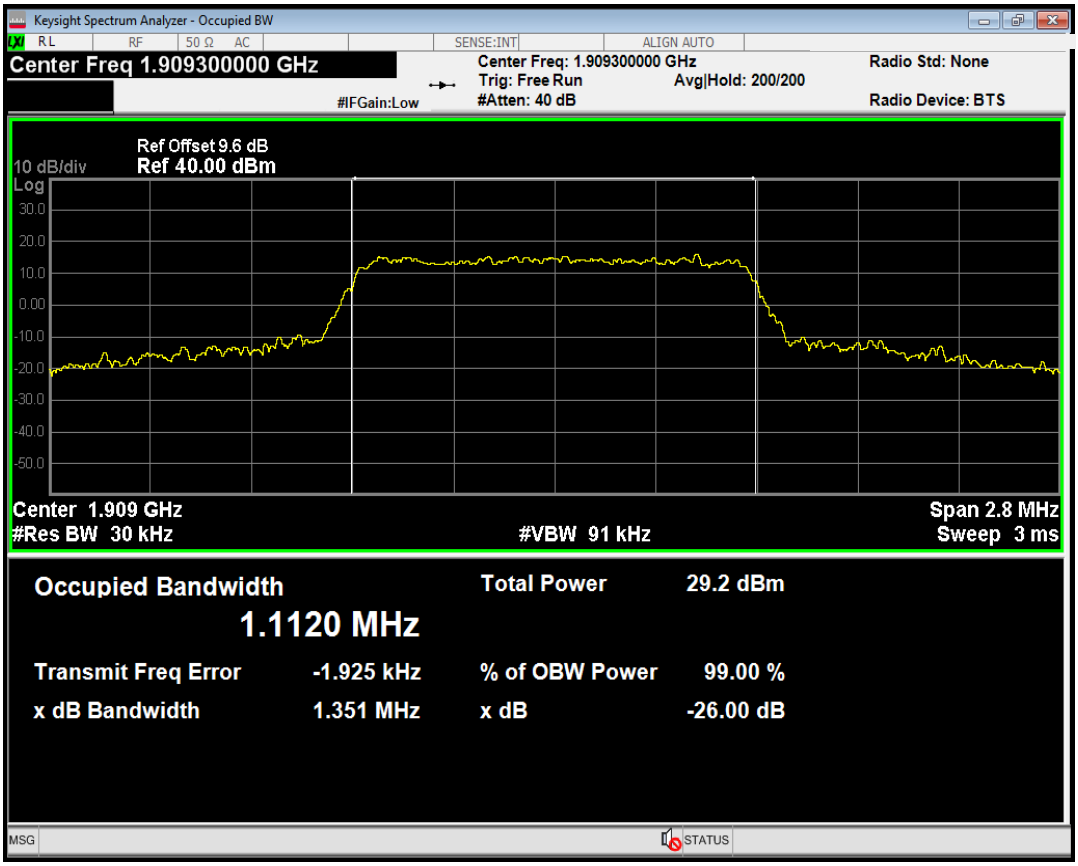
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



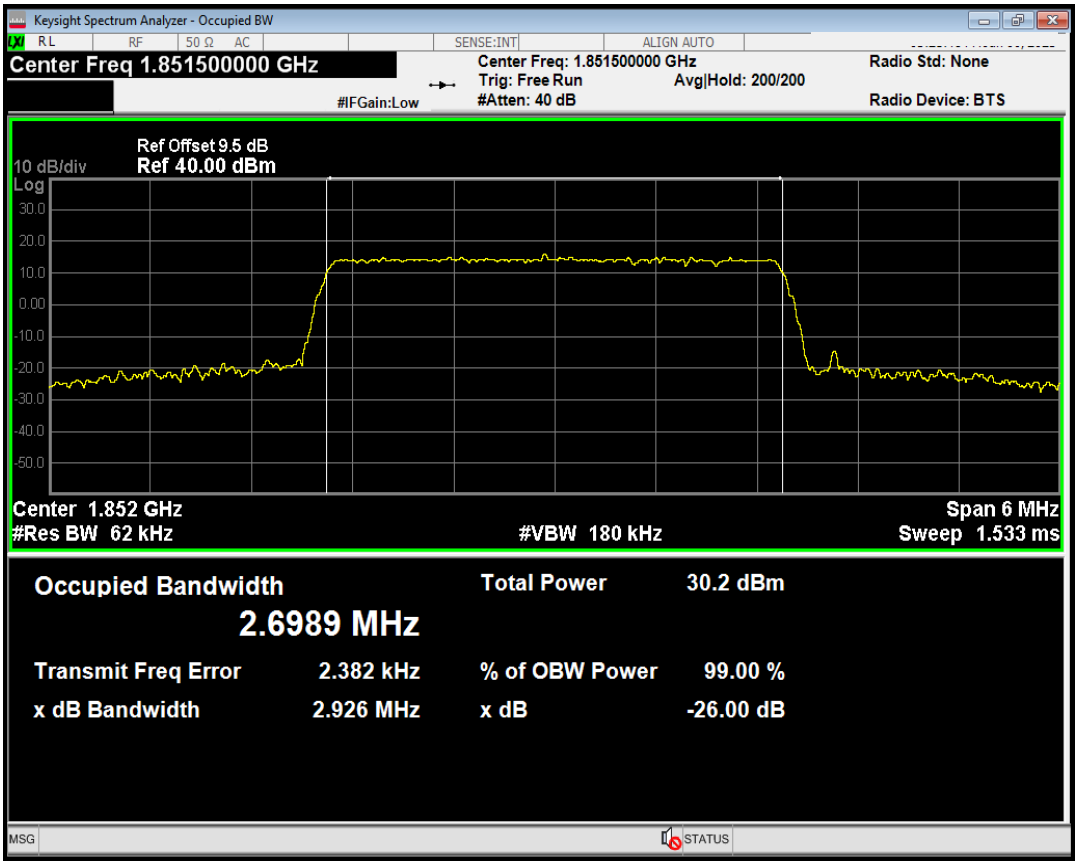
Band2 QAM16 BW=1.4MHz Channel=18900 RB Size=6 Position=#0



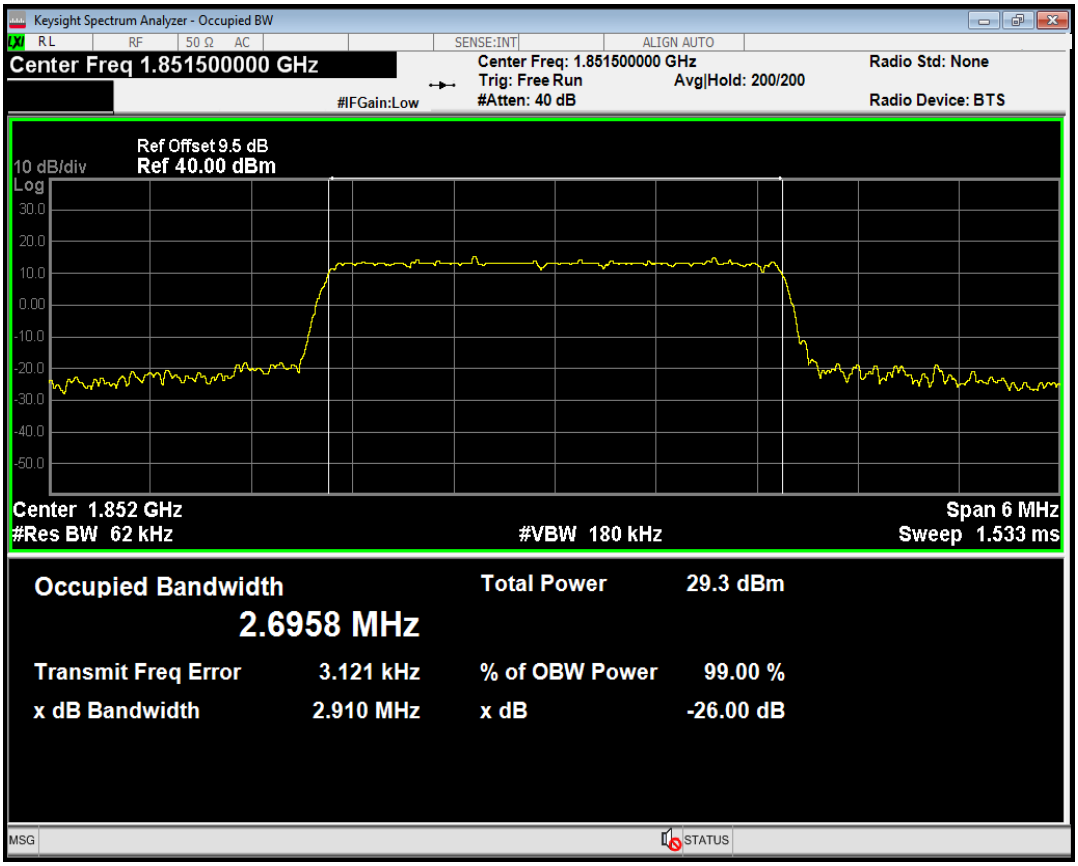
Band2 QAM16 BW=1.4MHz Channel=19193 RB Size=6 Position=#0



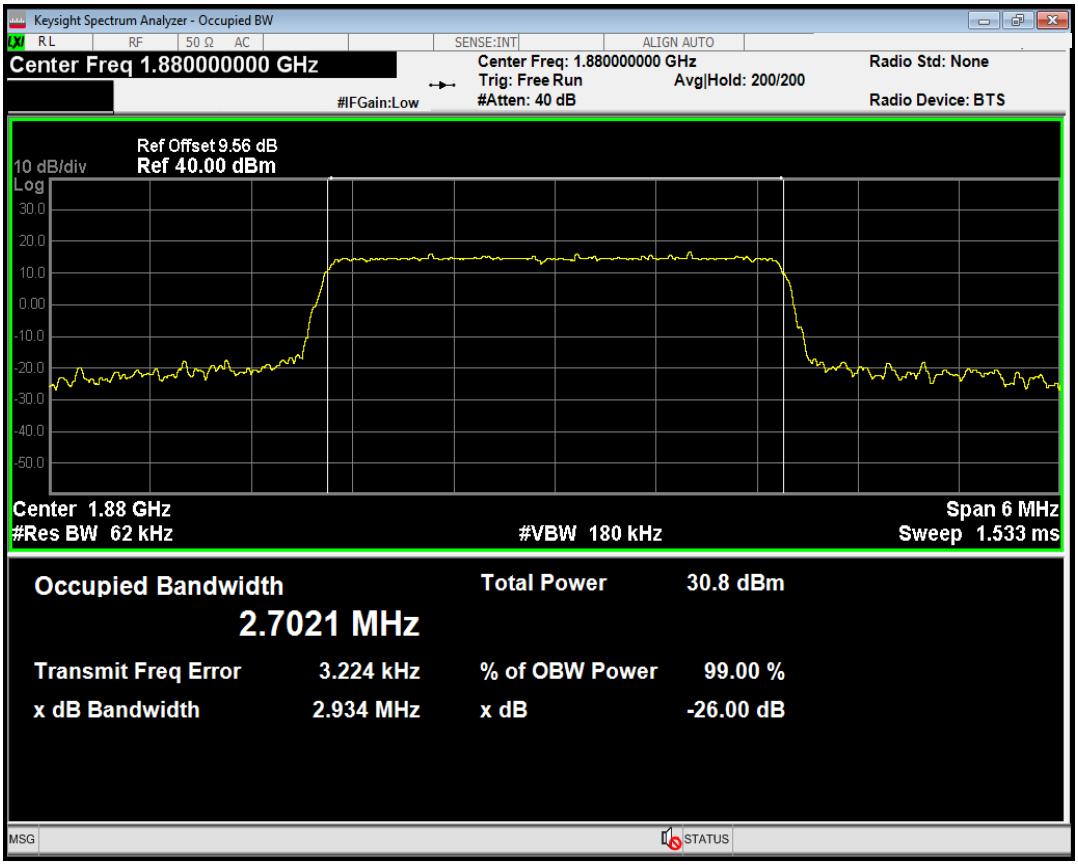
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



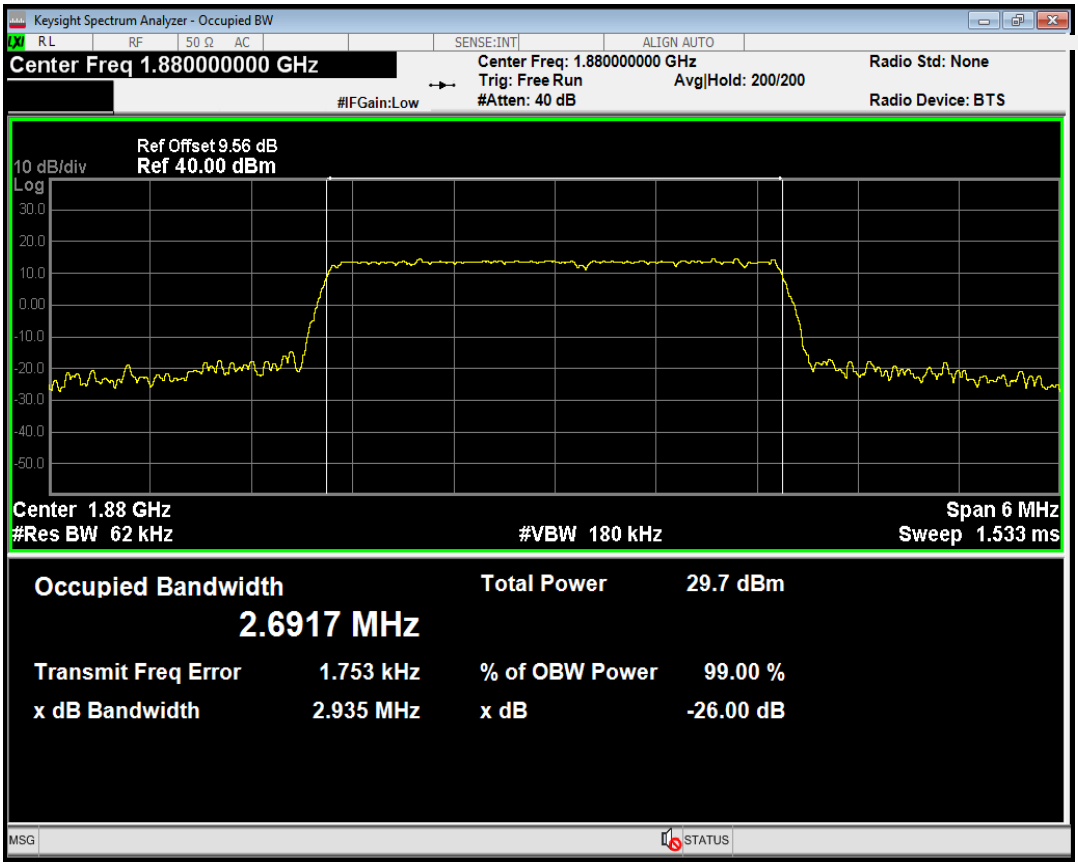
Band2 QAM16 BW=3MHz Channel=18615 RB Size=15 Position=#0



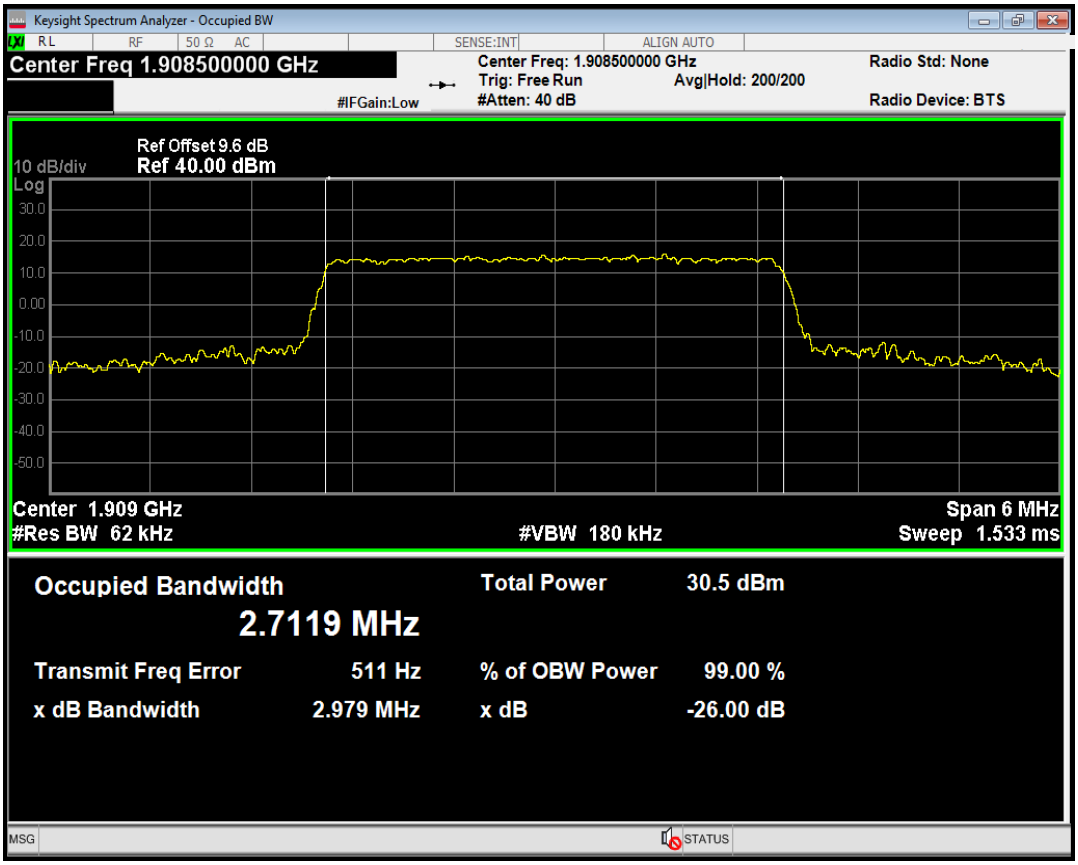
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



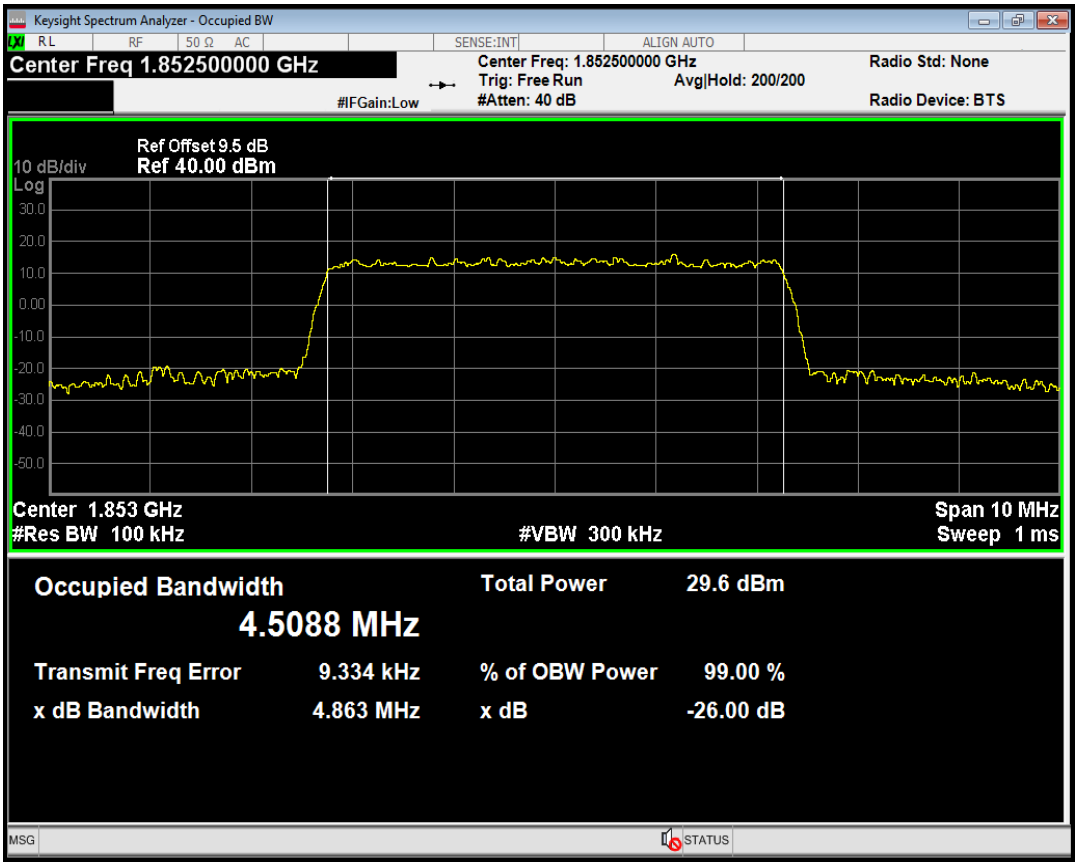
Band2 QAM16 BW=3MHz Channel=18900 RB Size=15 Position=#0



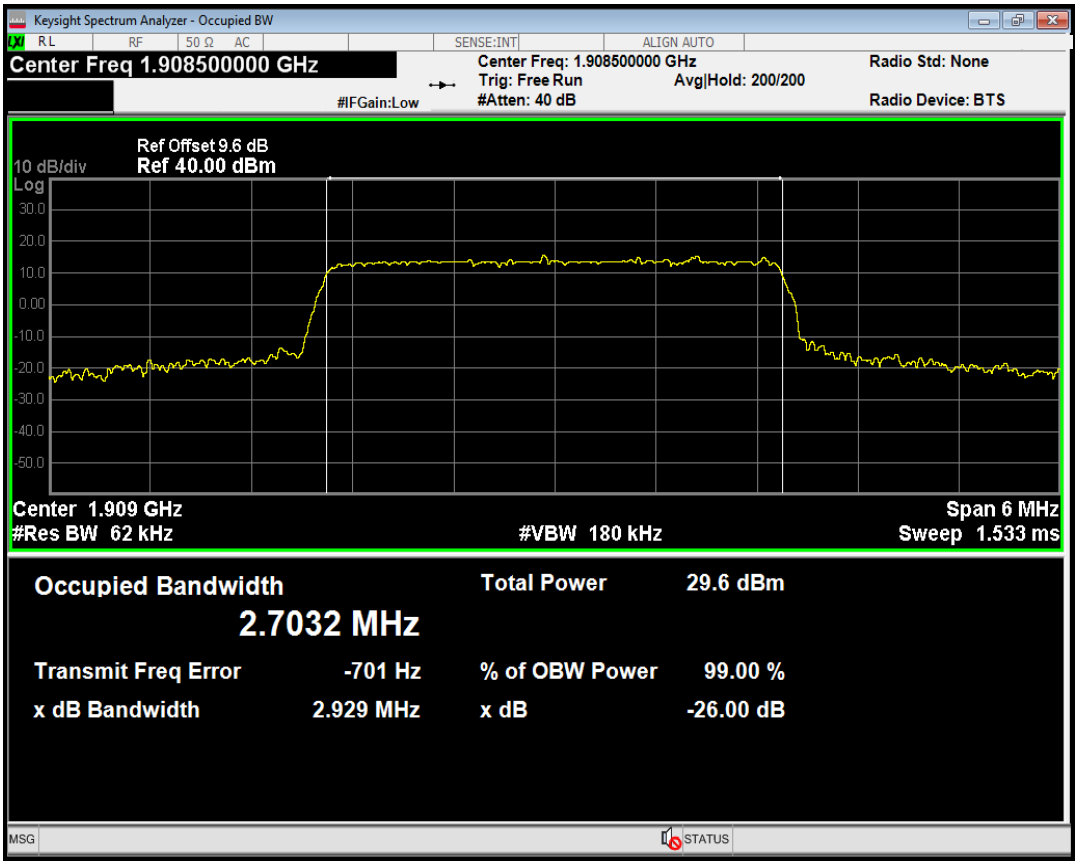
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



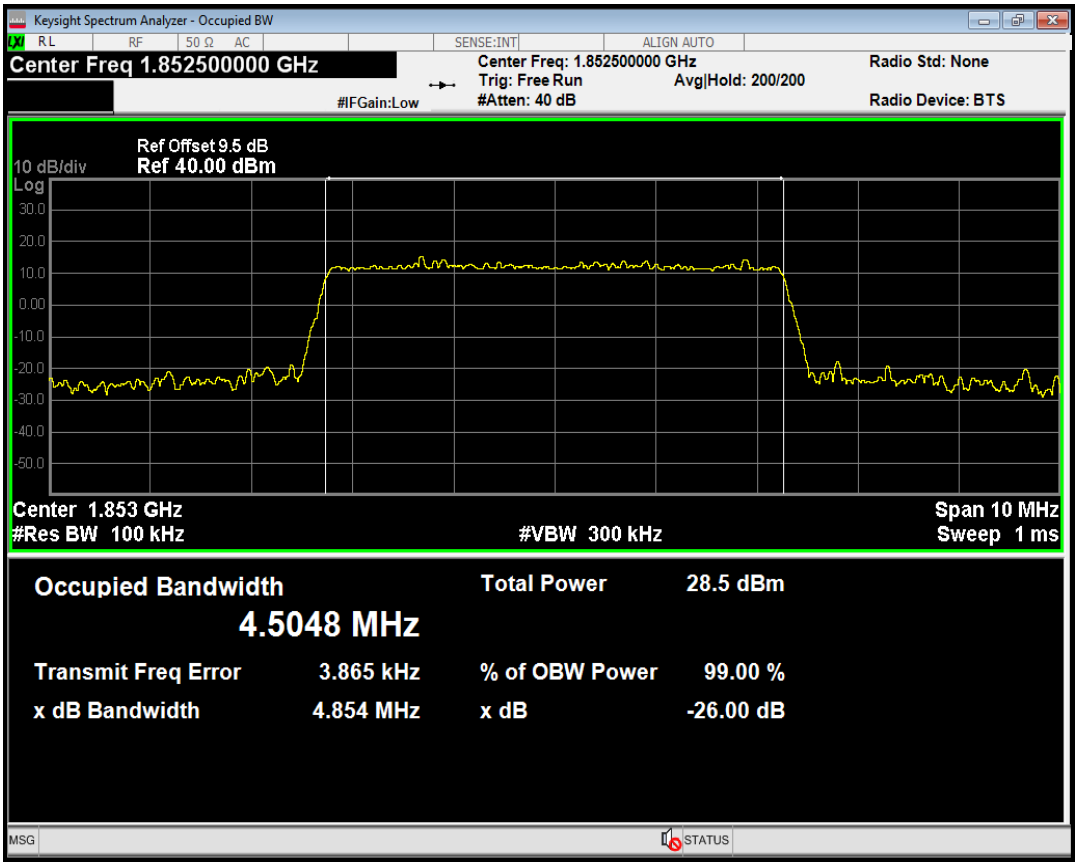
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



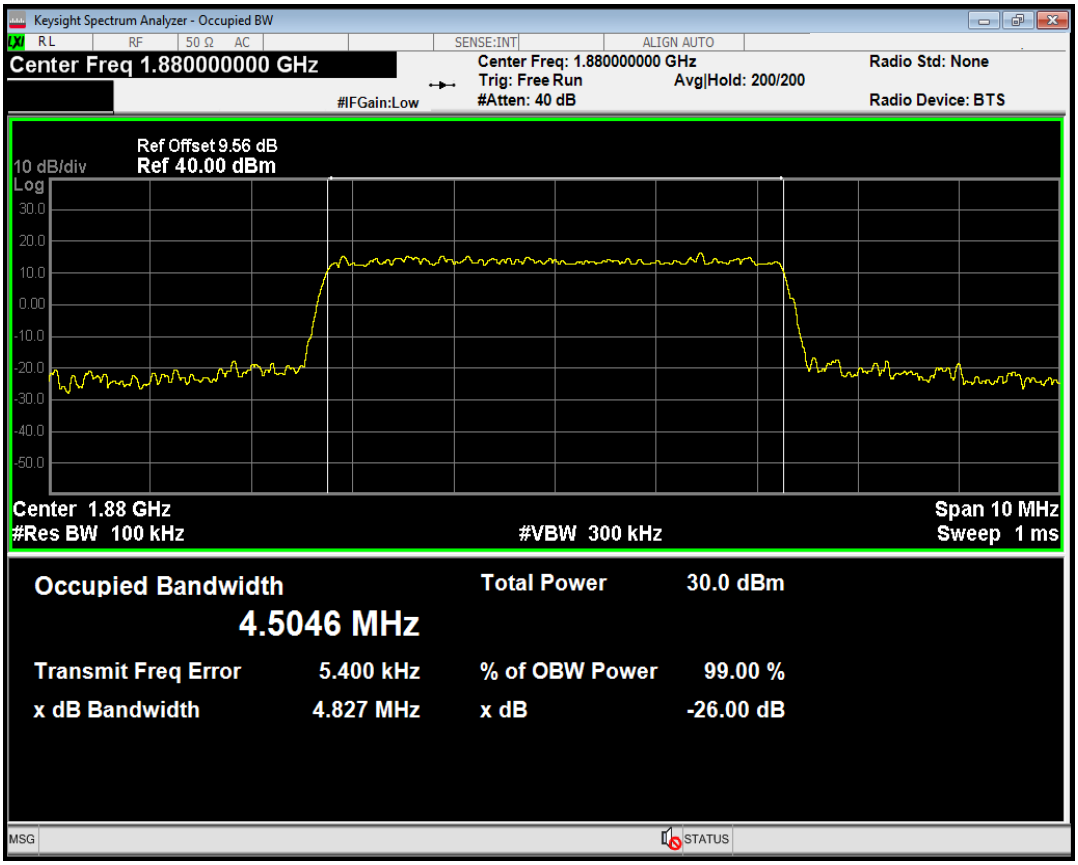
Band2 QAM16 BW=3MHz Channel=19185 RB Size=15 Position=#0



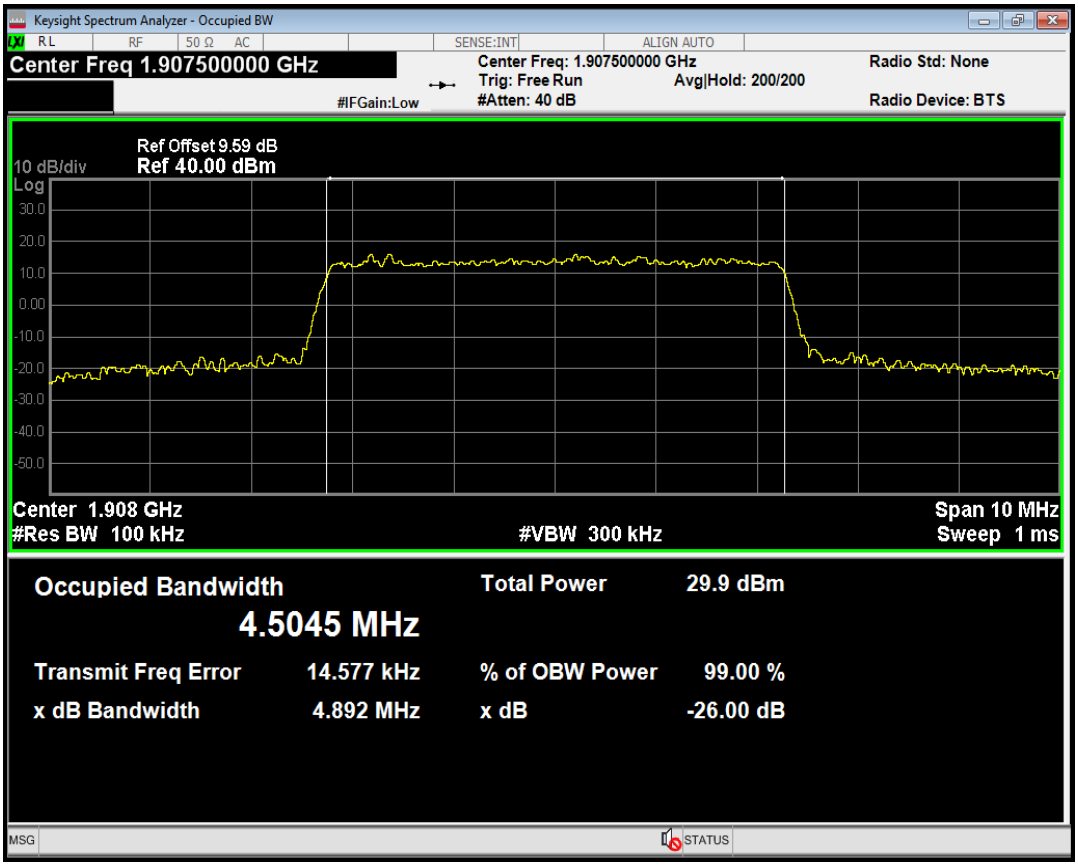
Band2 QAM16 BW=5MHz Channel=18625 RB Size=25 Position=#0



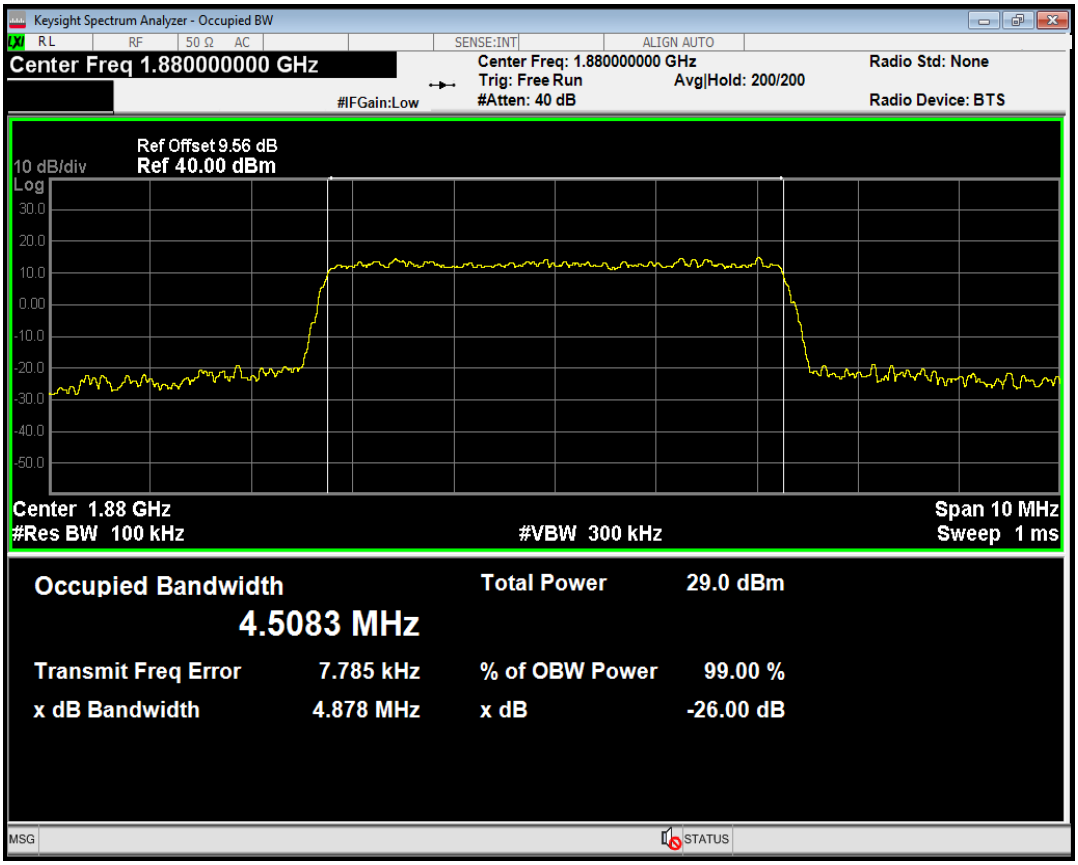
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



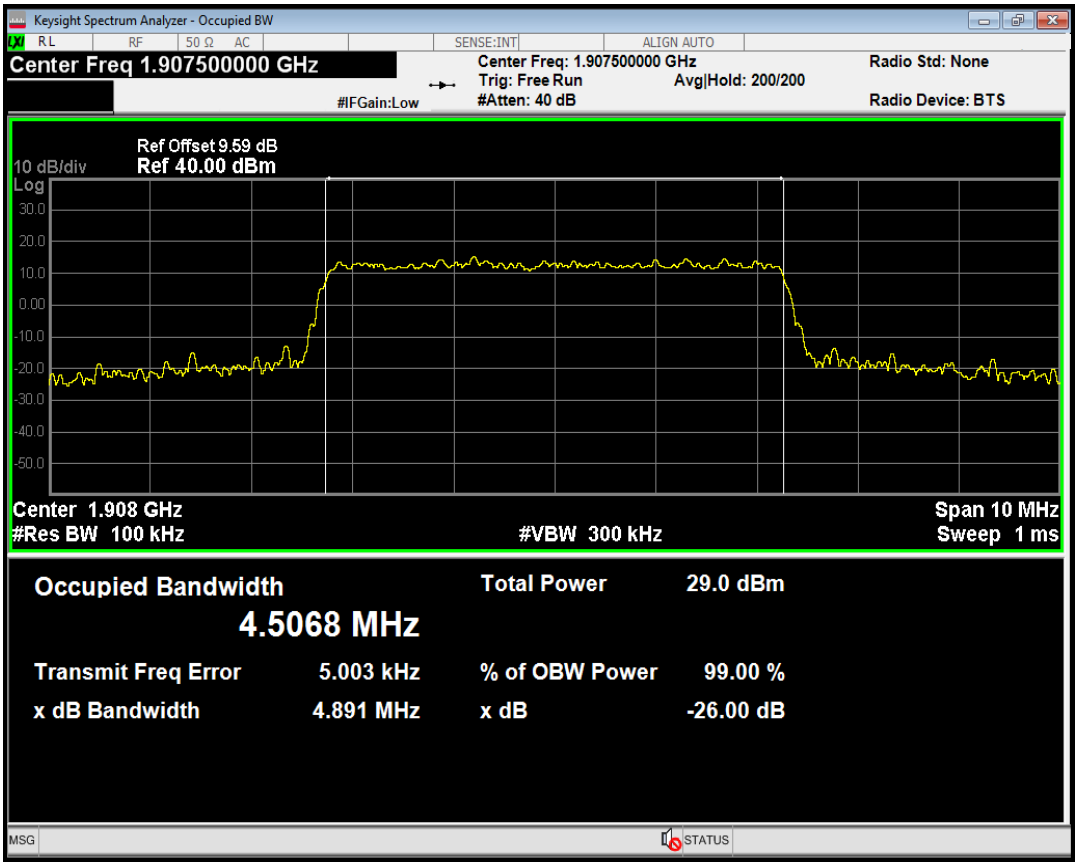
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



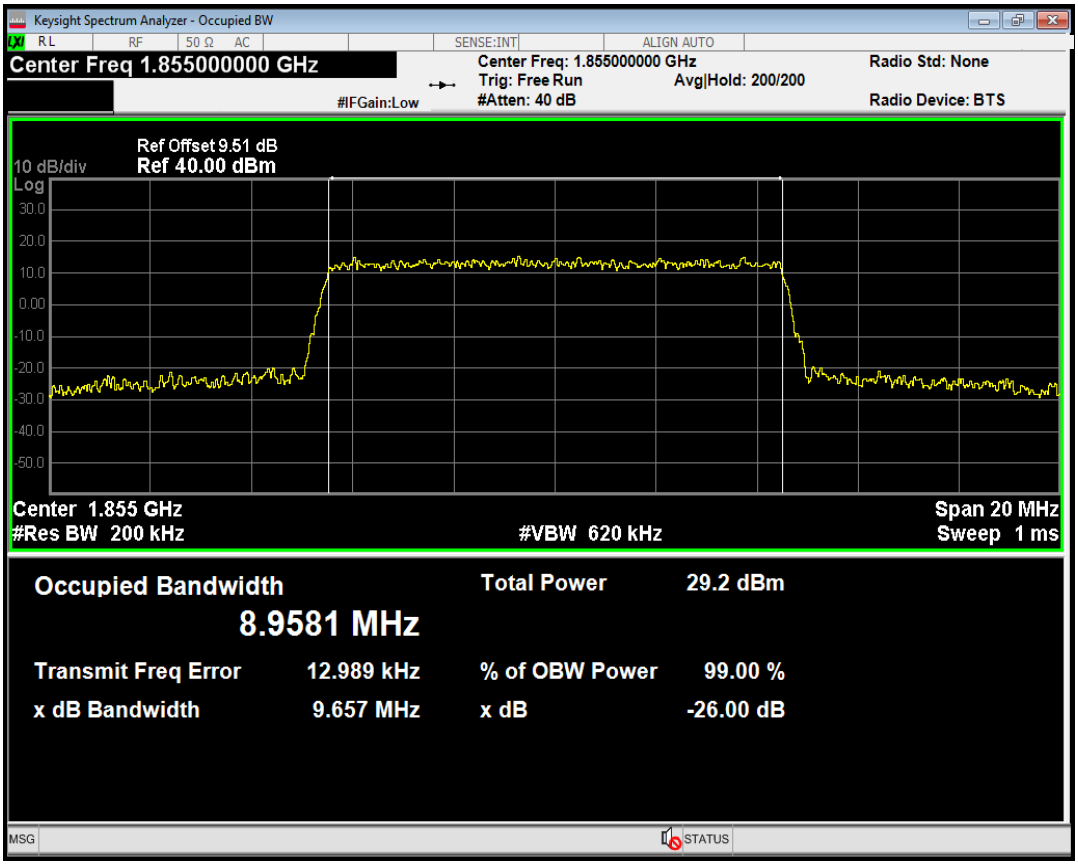
Band2 QAM16 BW=5MHz Channel=18900 RB Size=25 Position=#0



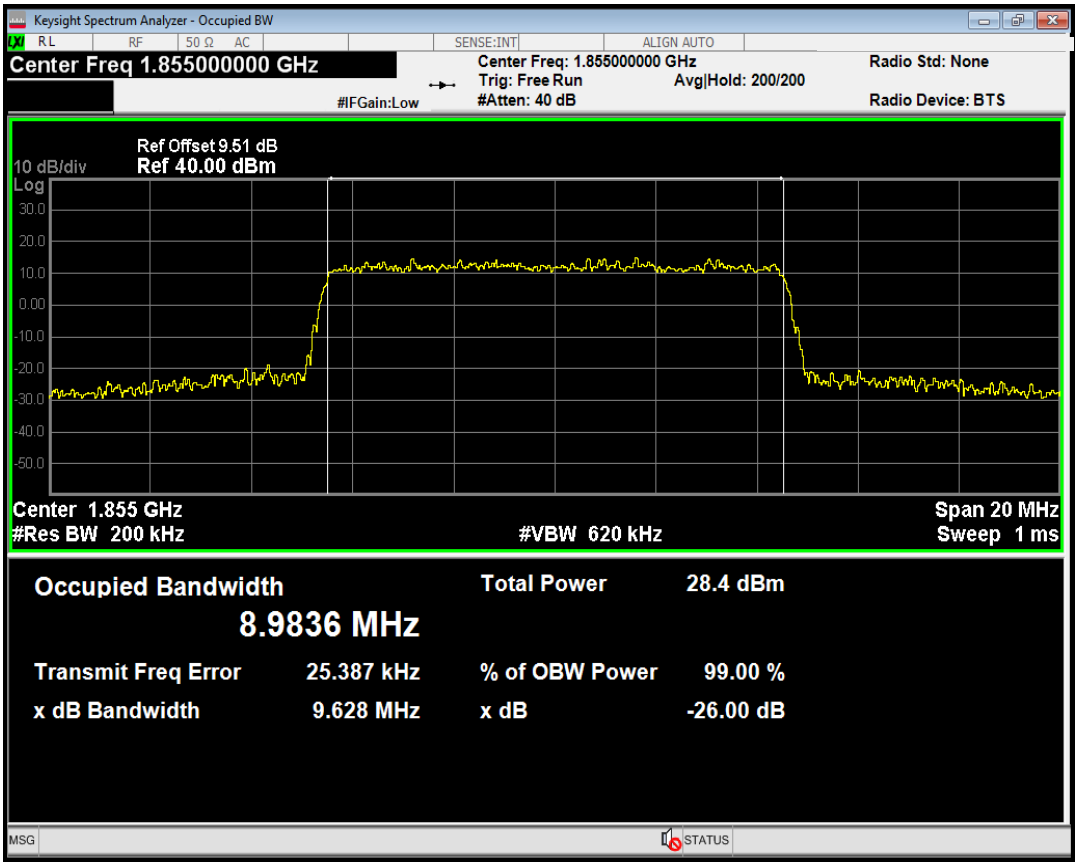
Band2 QAM16 BW=5MHz Channel=19175 RB Size=25 Position=#0



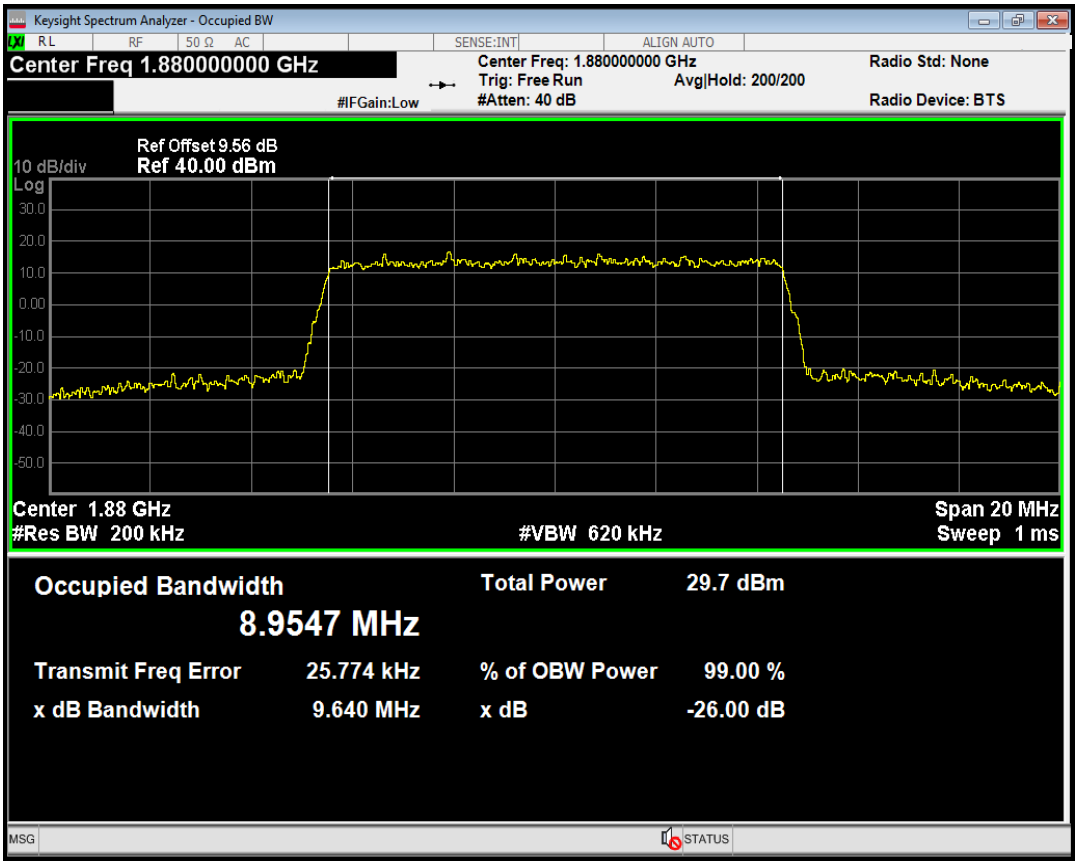
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



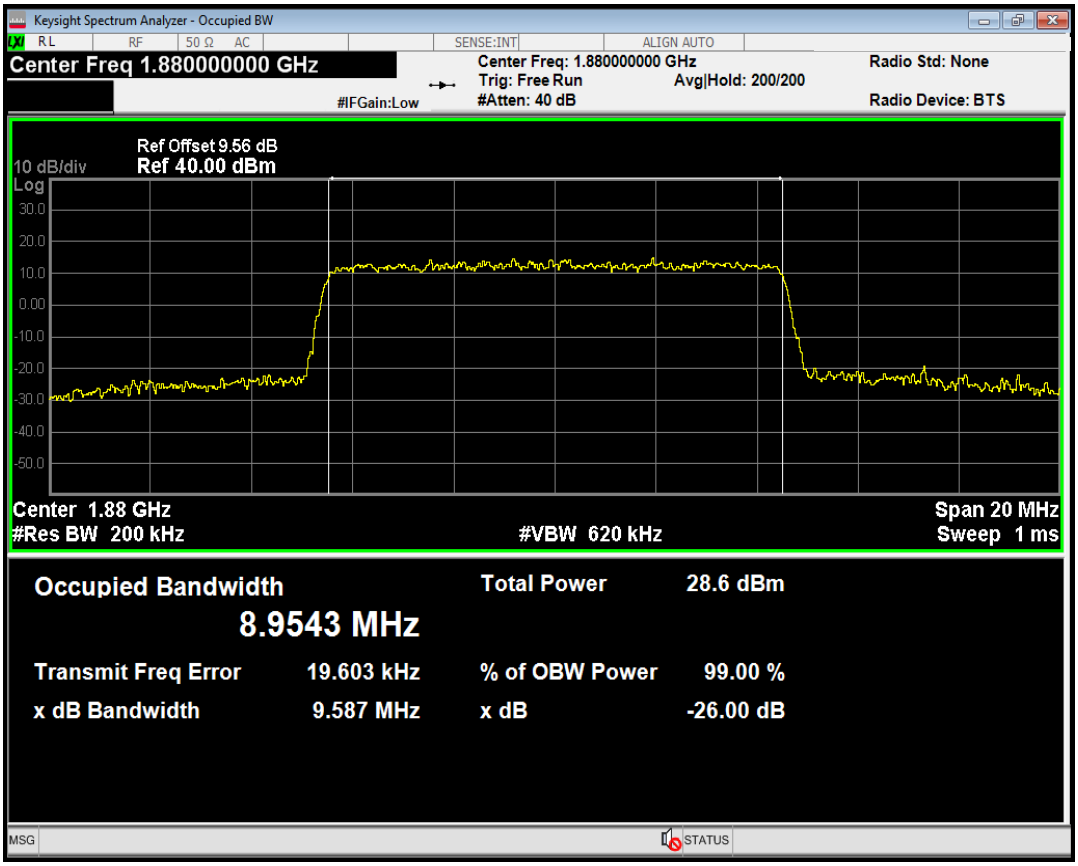
Band2 QAM16 BW=10MHz Channel=18650 RB Size=50 Position=#0



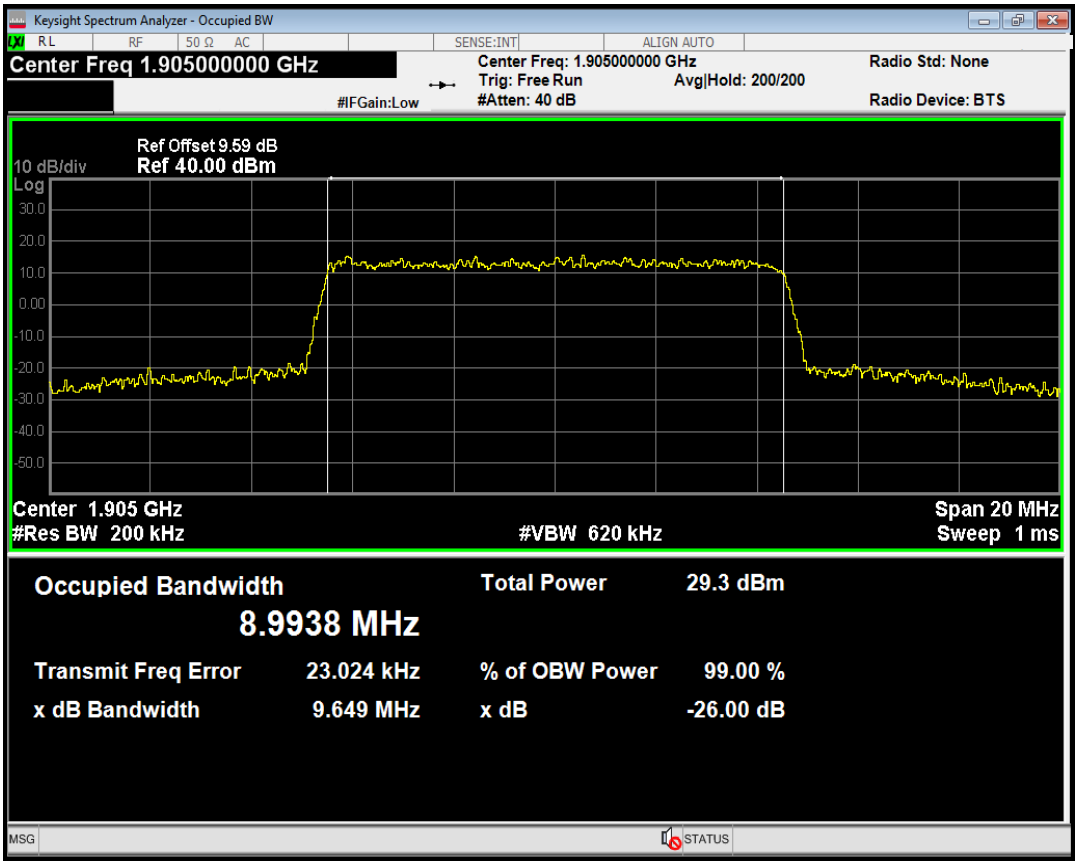
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



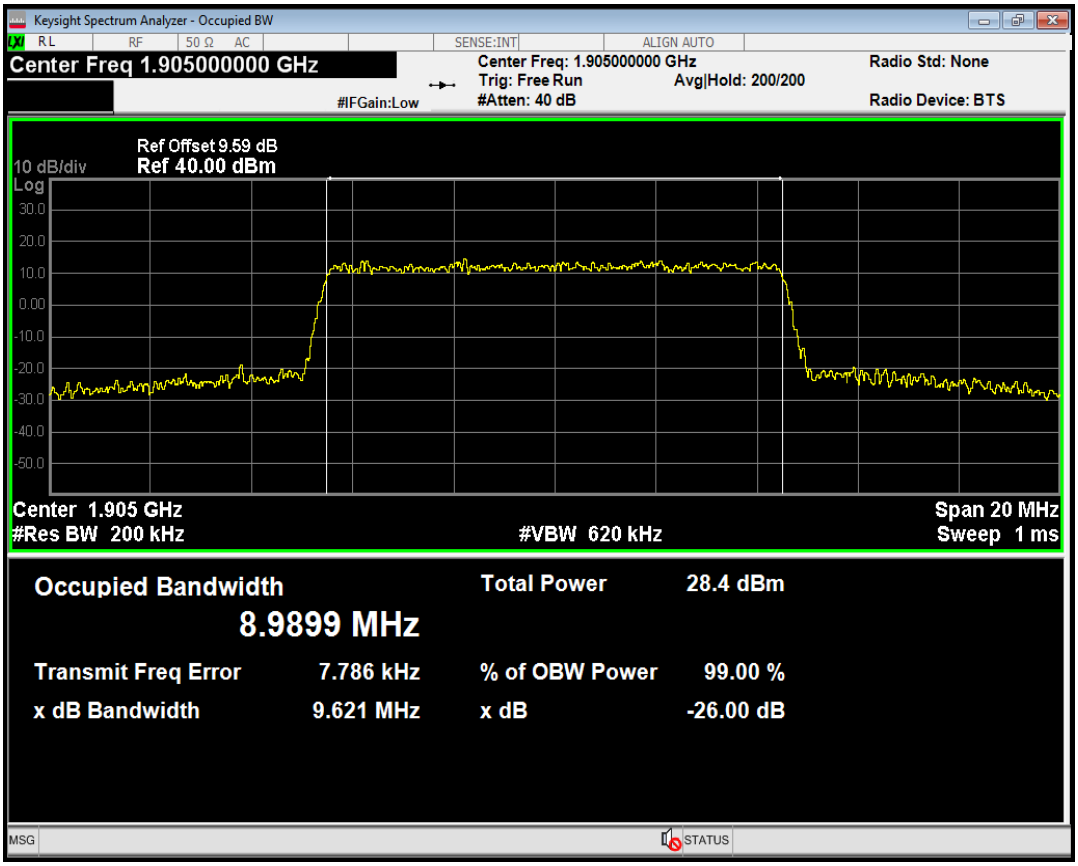
Band2 QAM16 BW=10MHz Channel=18900 RB Size=50 Position=#0



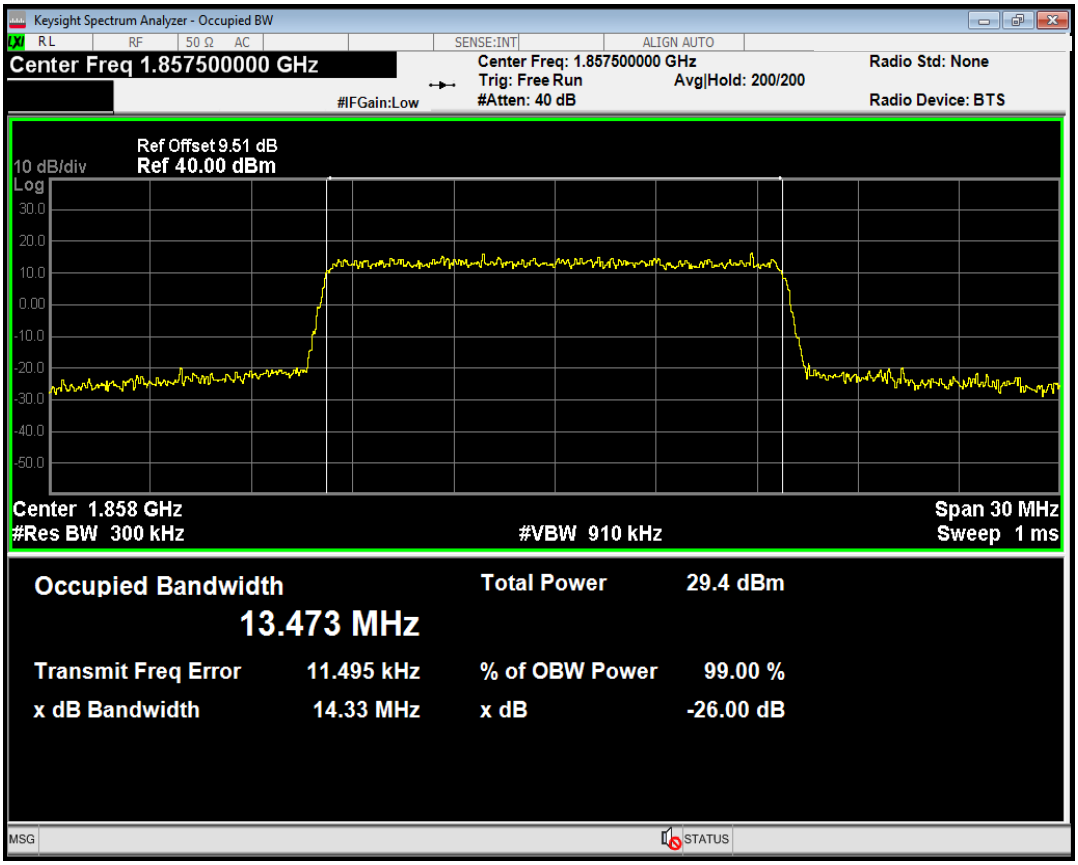
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



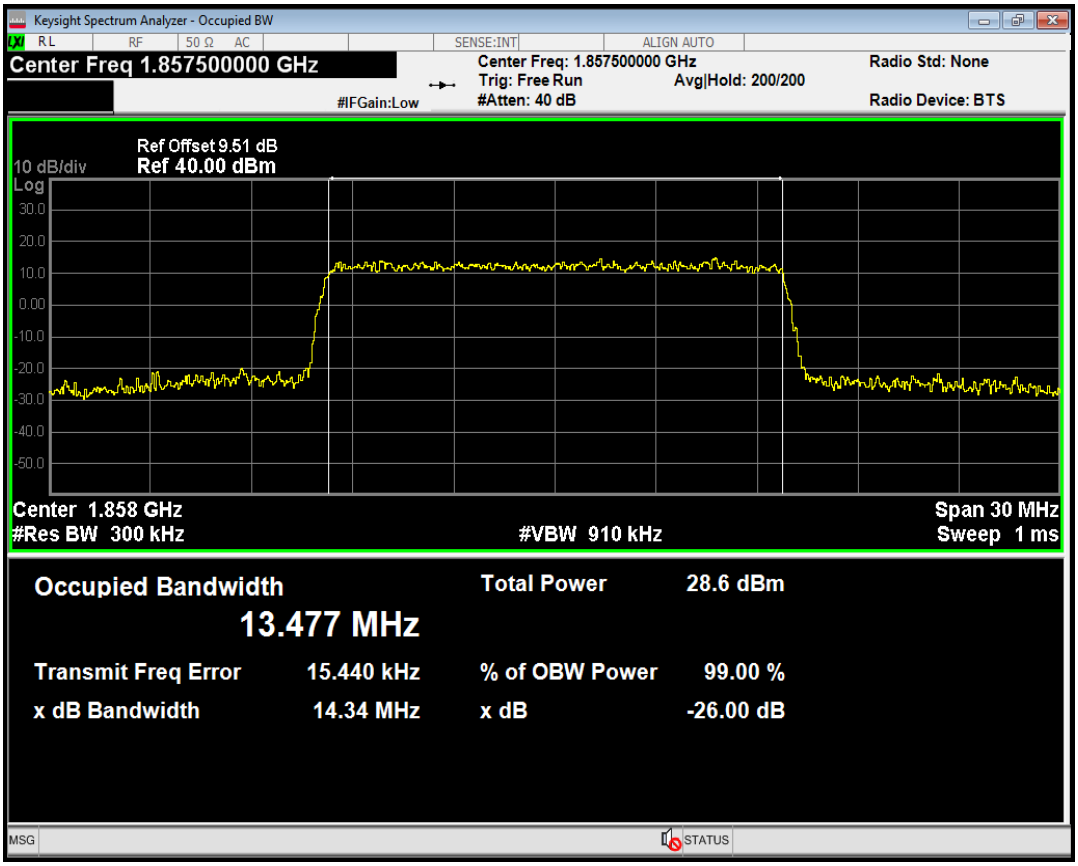
Band2 QAM16 BW=10MHz Channel=19150 RB Size=50 Position=#0



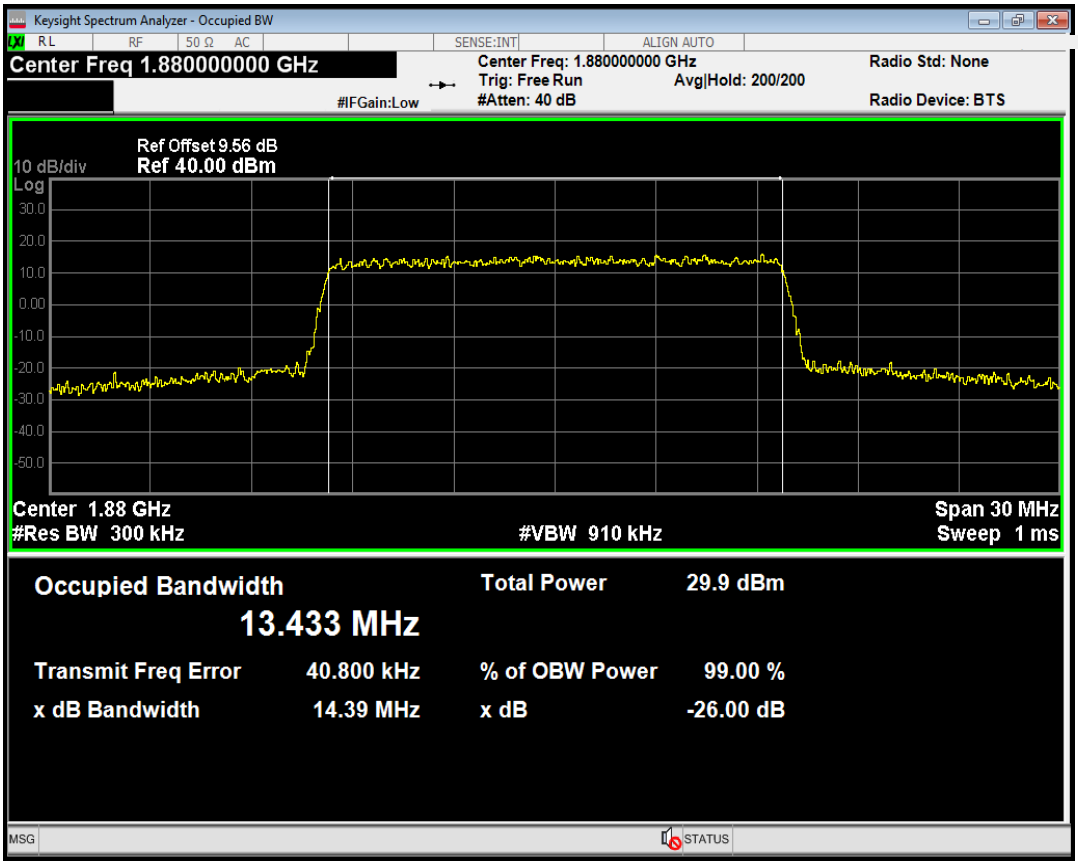
Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



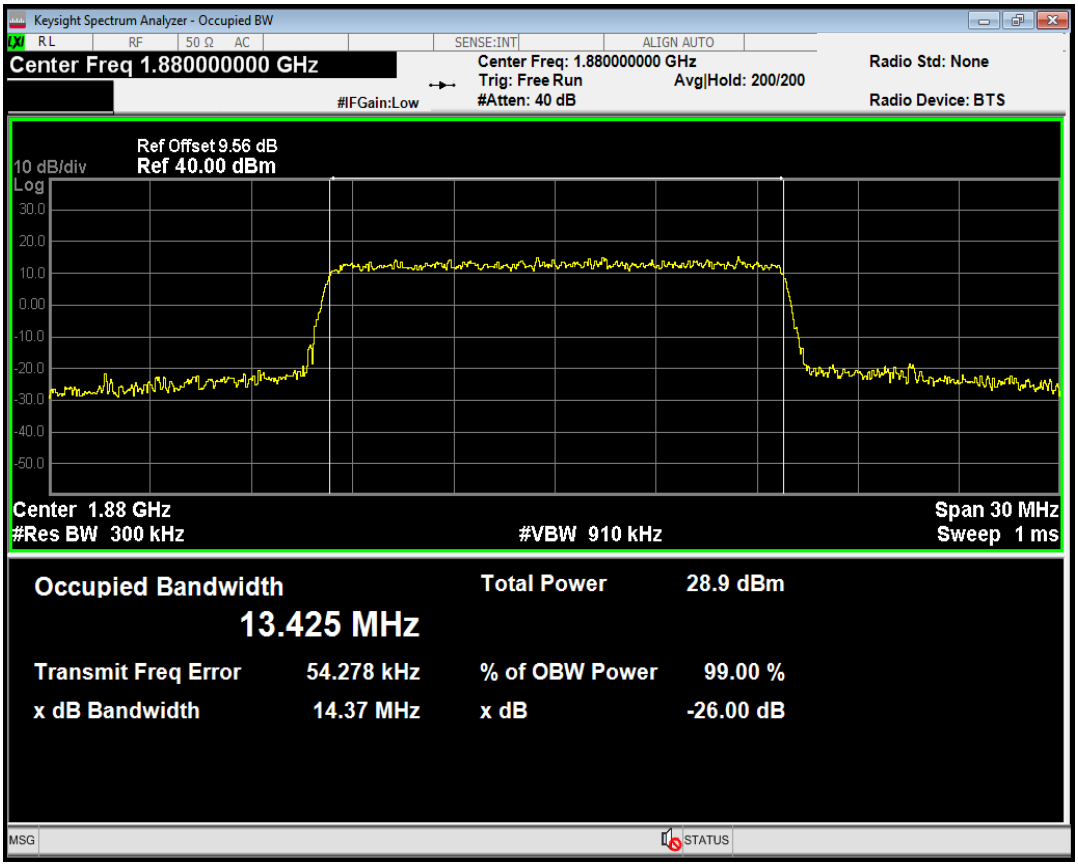
Band2 QAM16 BW=15MHz Channel=18675 RB Size=75 Position=#0



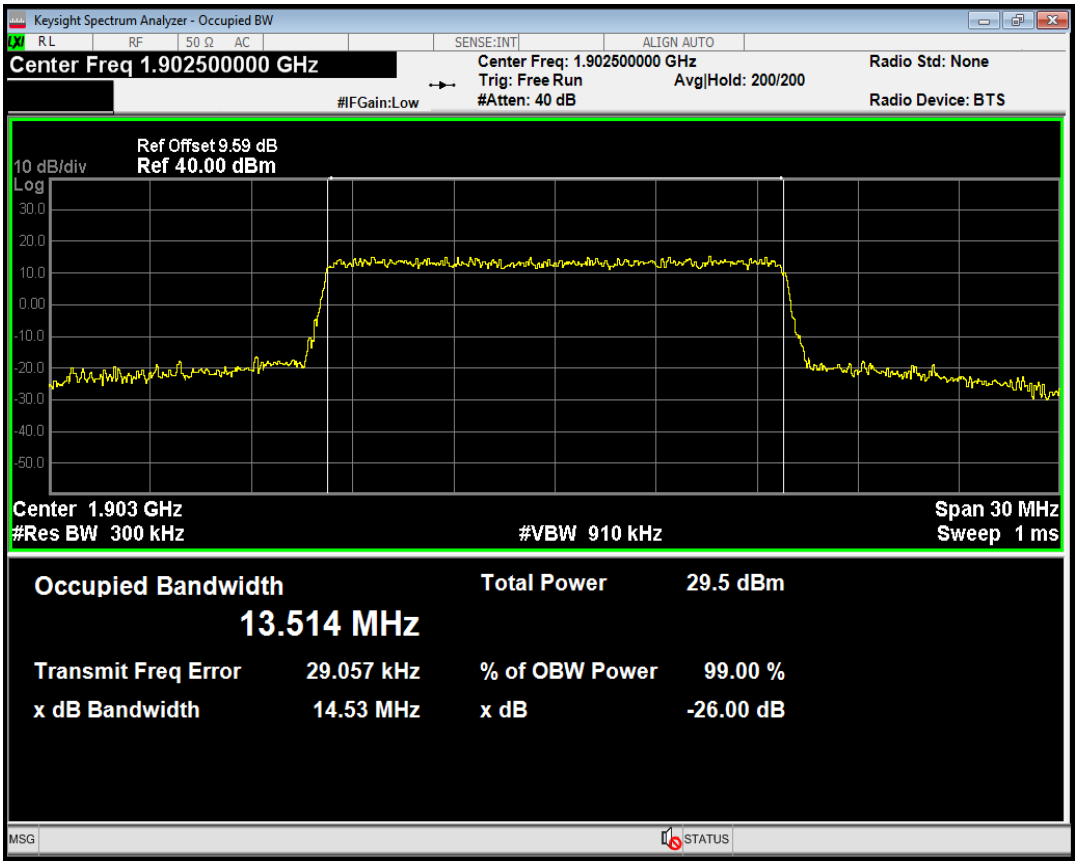
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



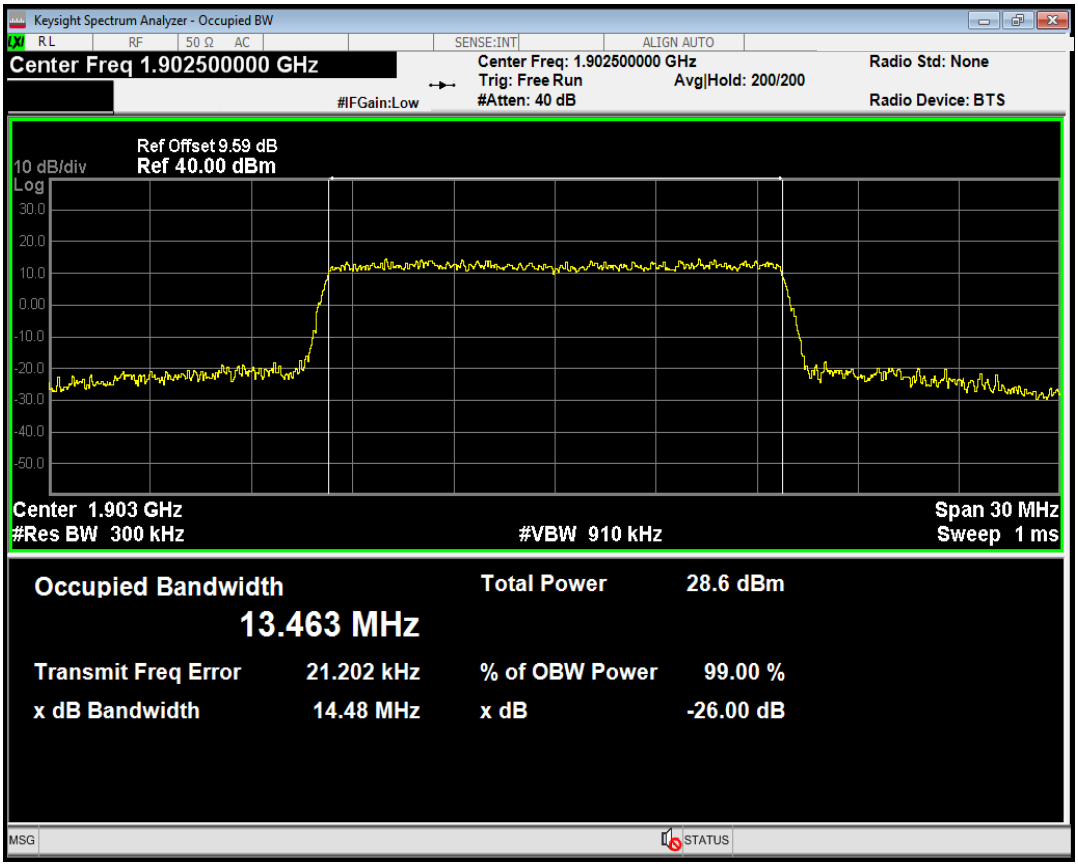
Band2 QAM16 BW=15MHz Channel=18900 RB Size=75 Position=#0



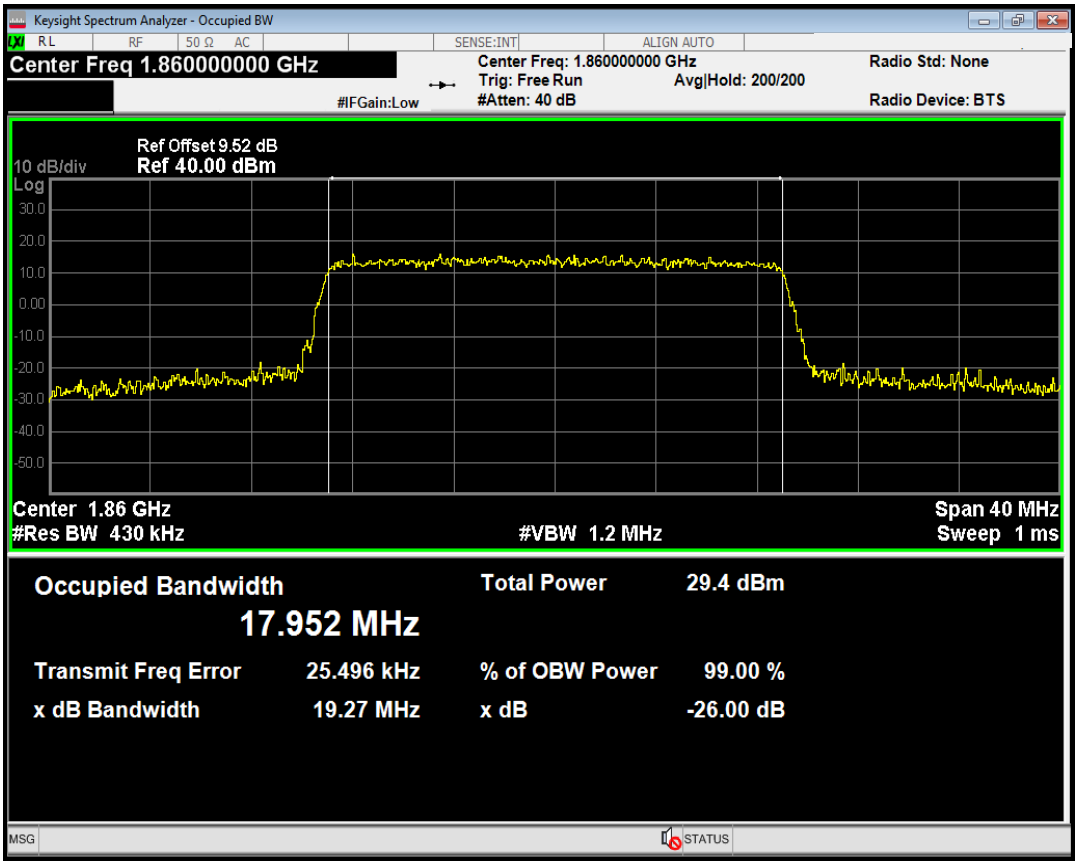
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



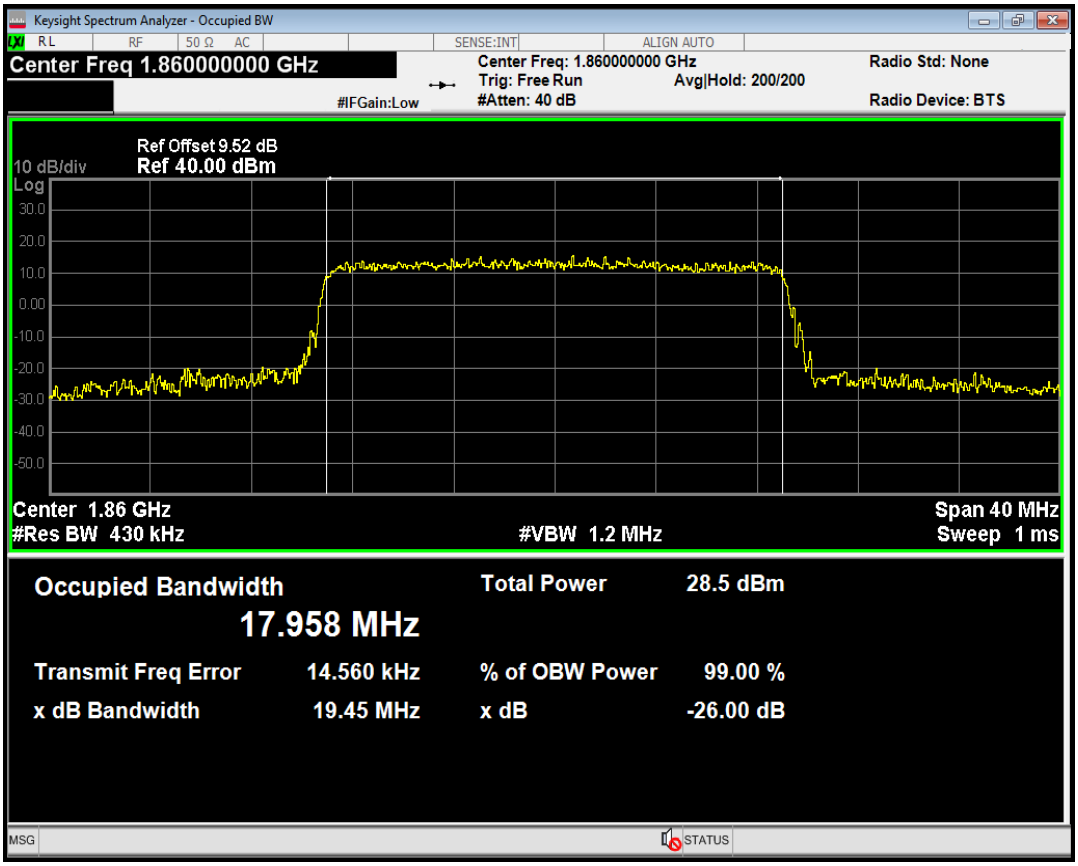
Band2 QAM16 BW=15MHz Channel=19125 RB Size=75 Position=#0



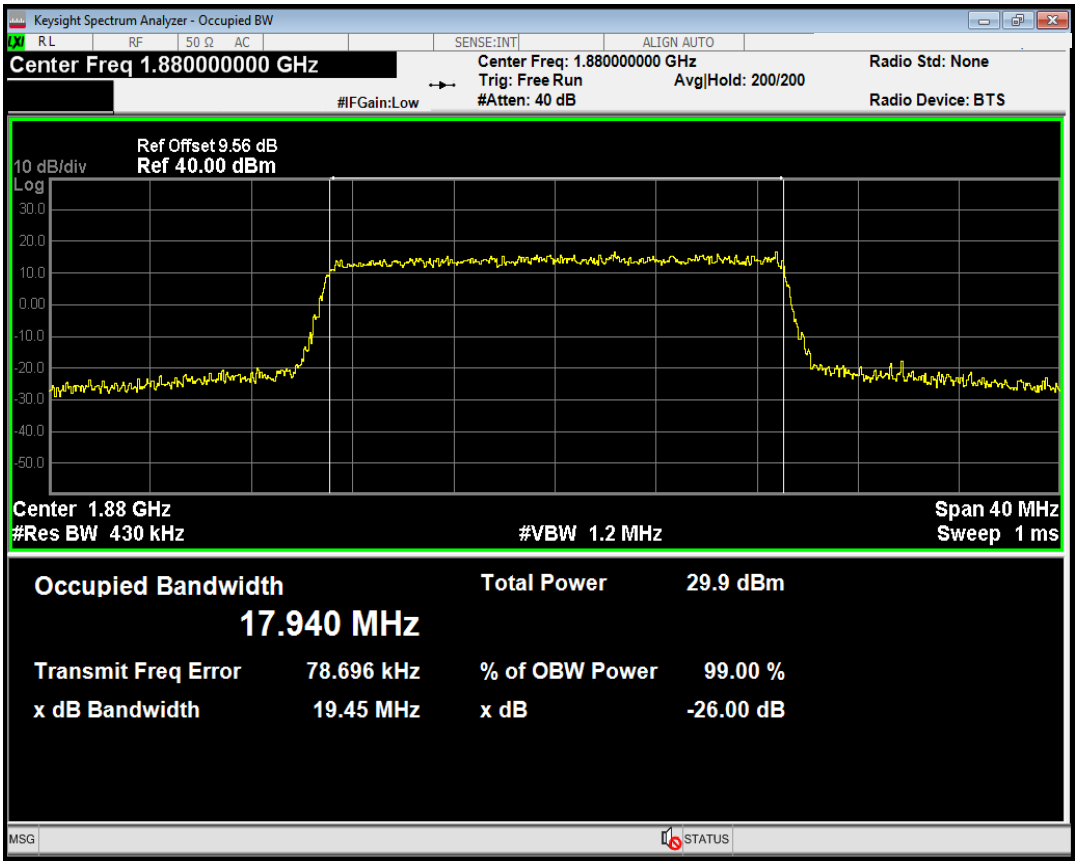
Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



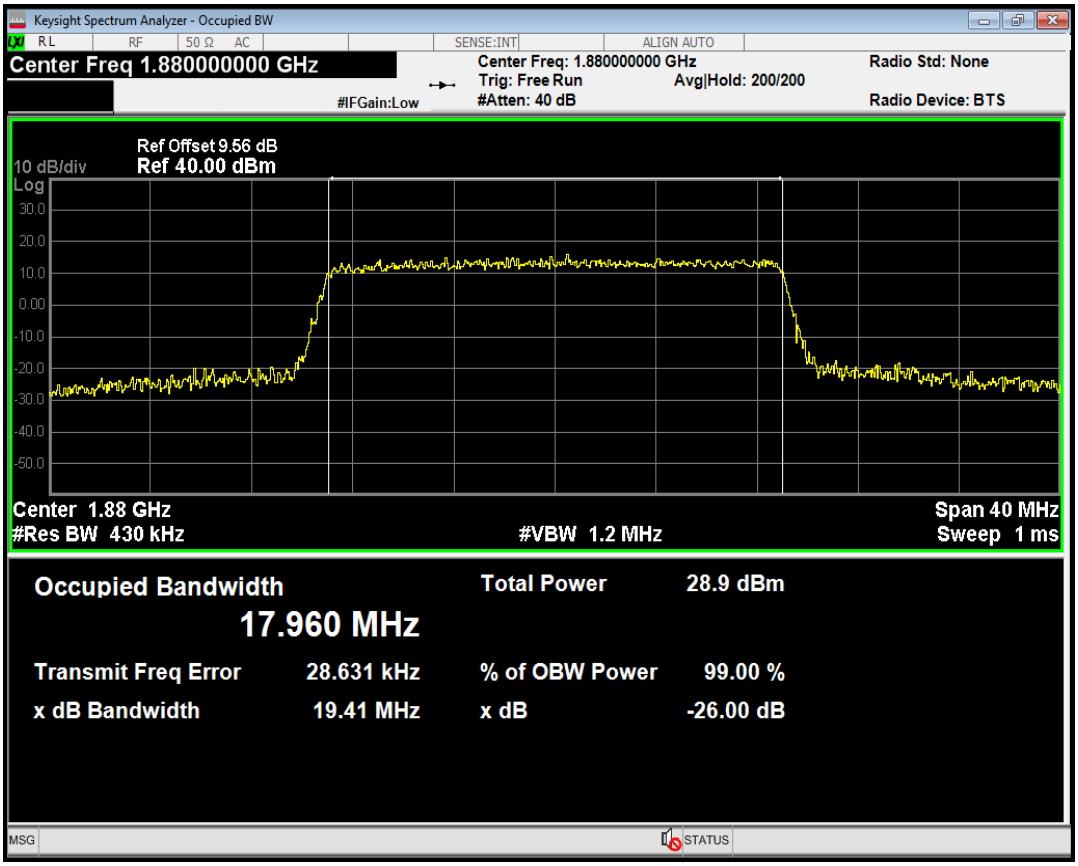
Band2 QAM16 BW=20MHz Channel=18700 RB Size=100 Position=#0



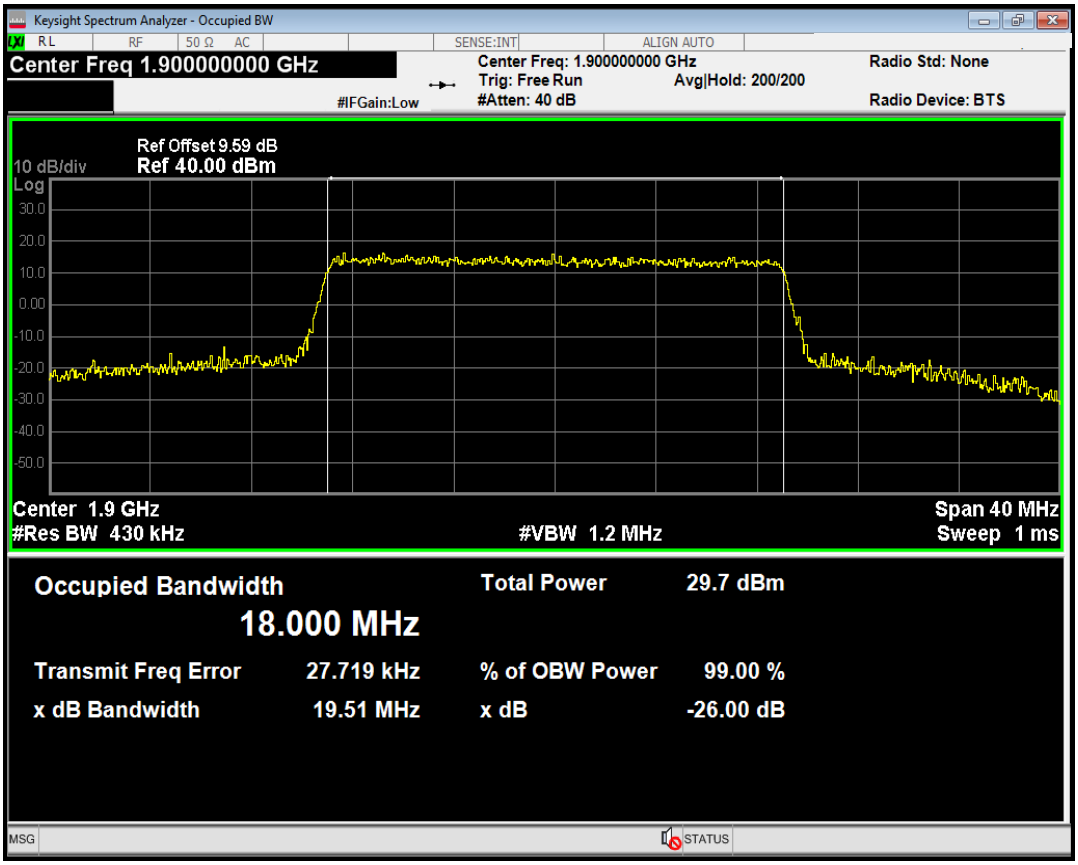
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



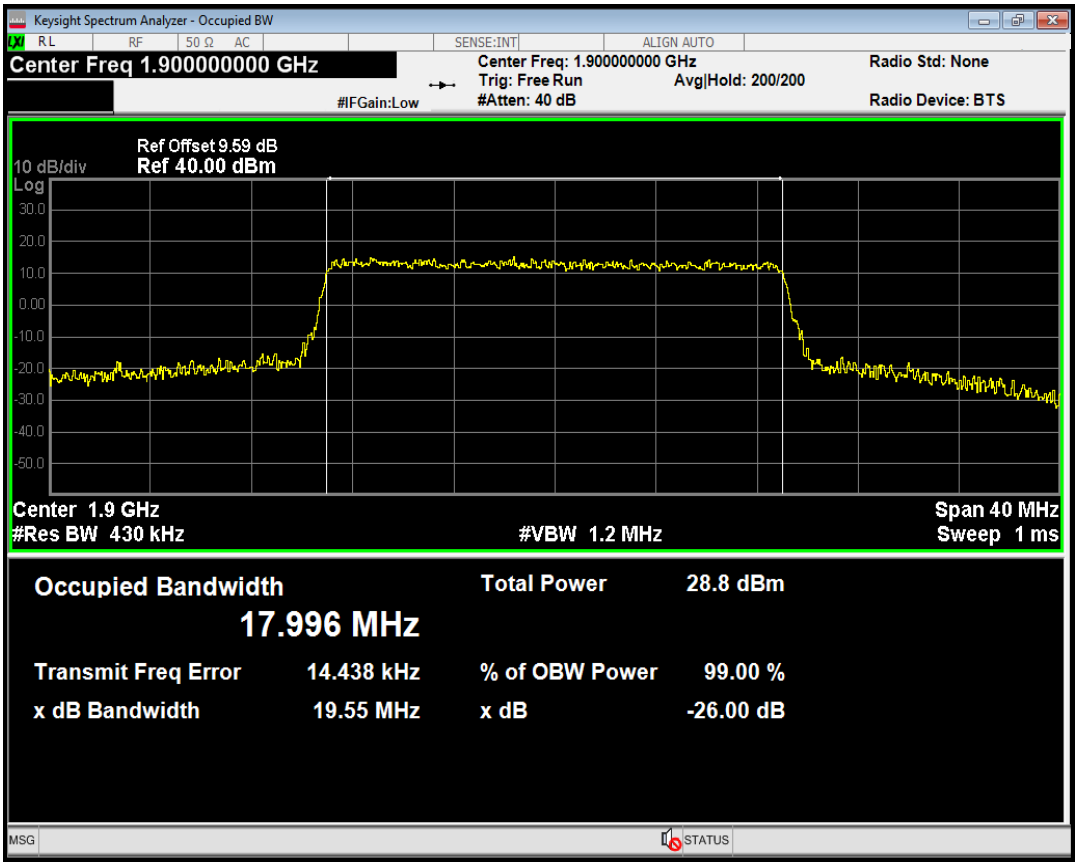
Band2 QAM16 BW=20MHz Channel=18900 RB Size=100 Position=#0



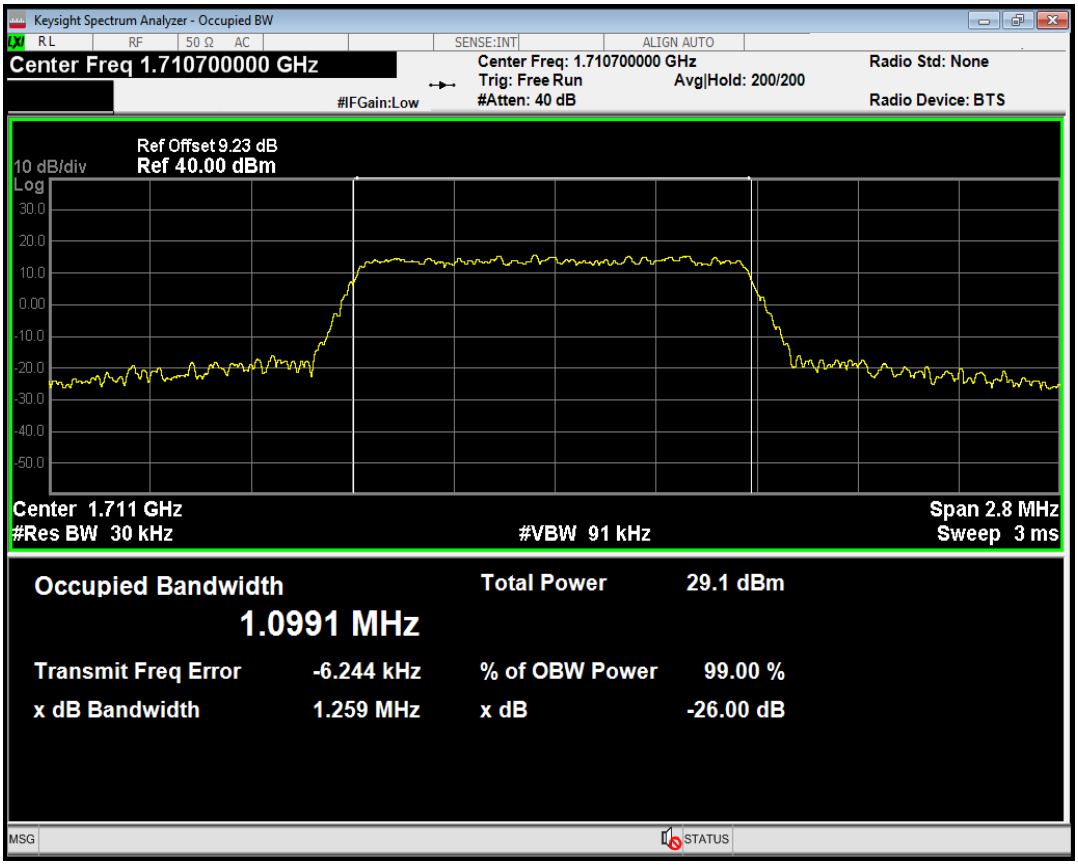
Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



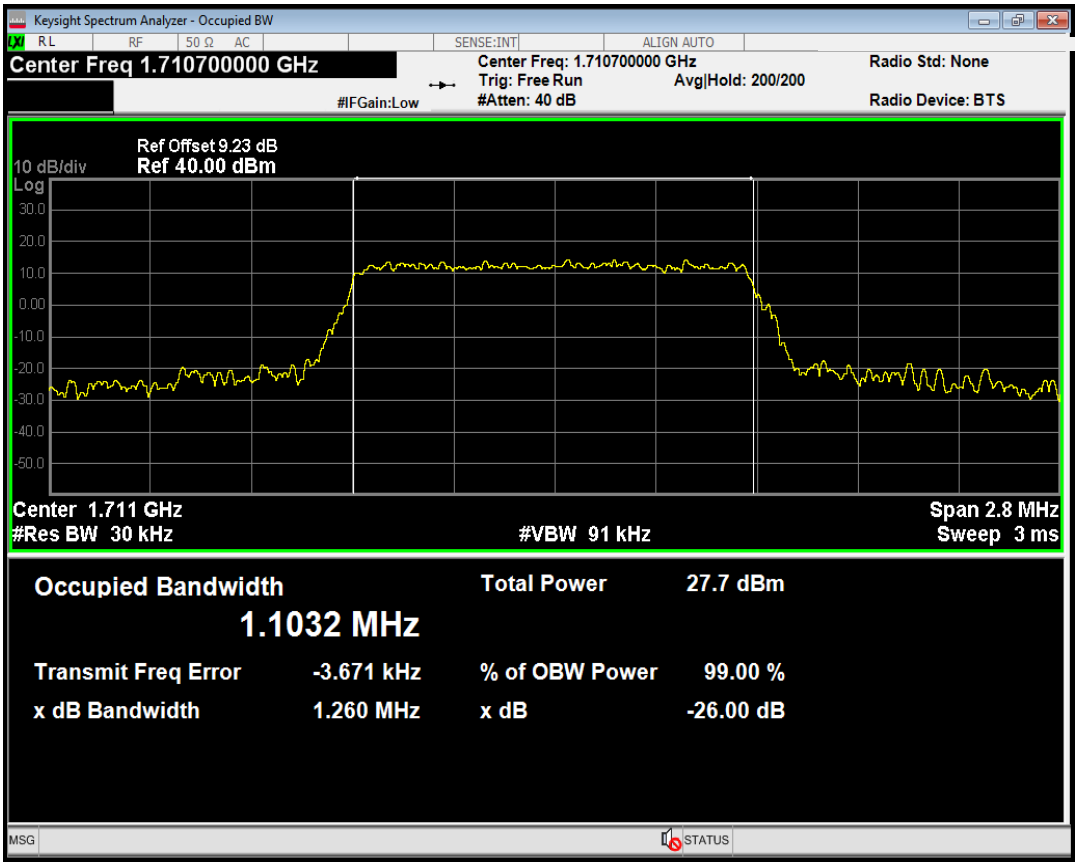
Band2 QAM16 BW=20MHz Channel=19100 RB Size=100 Position=#0



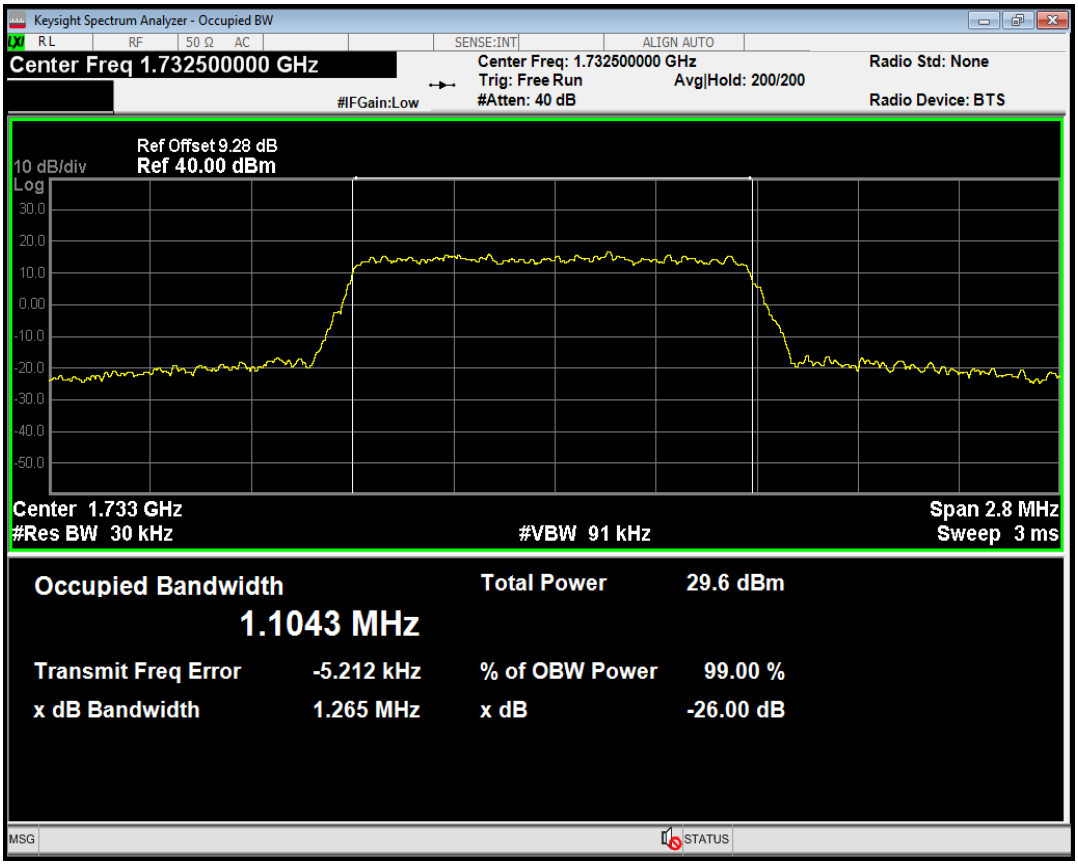
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



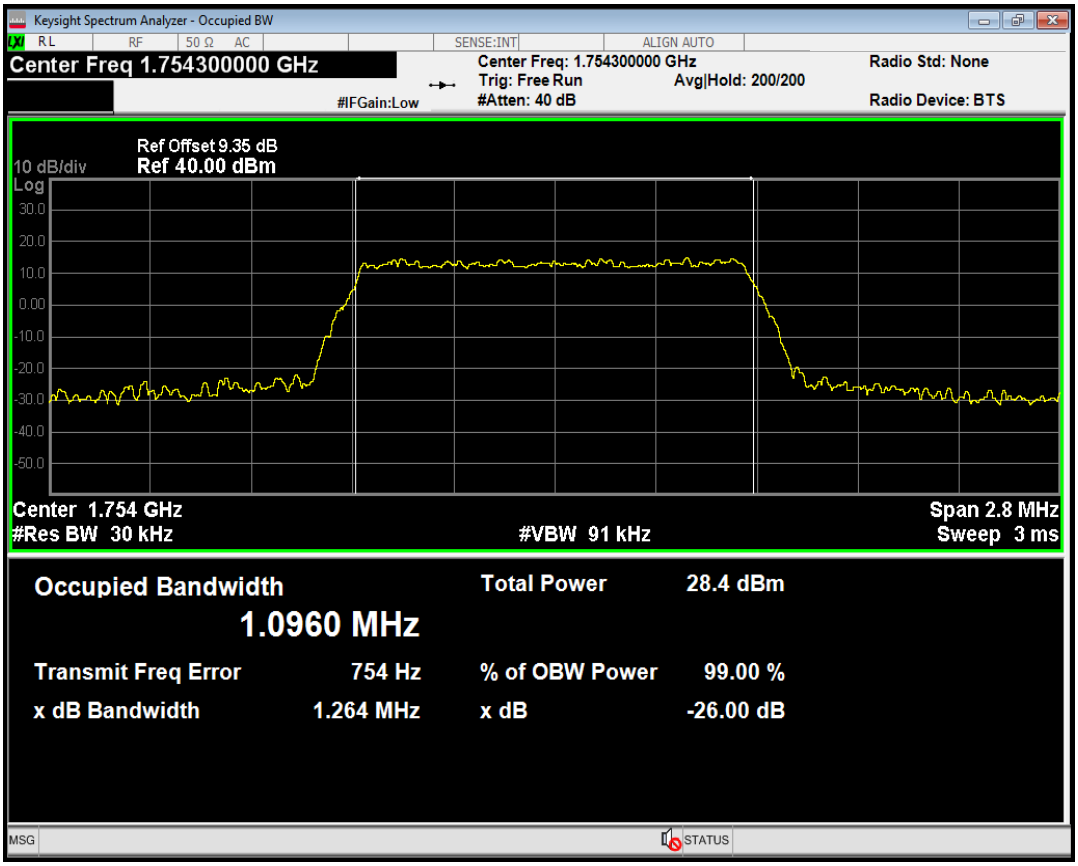
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



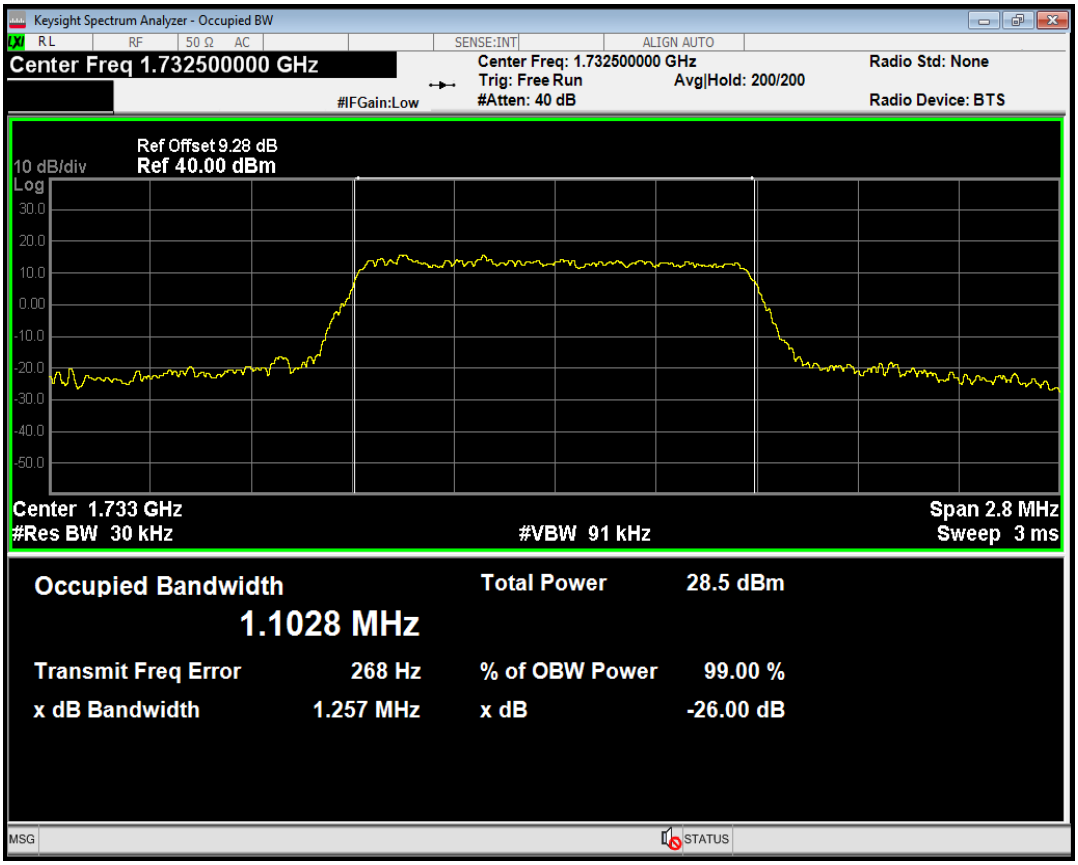
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



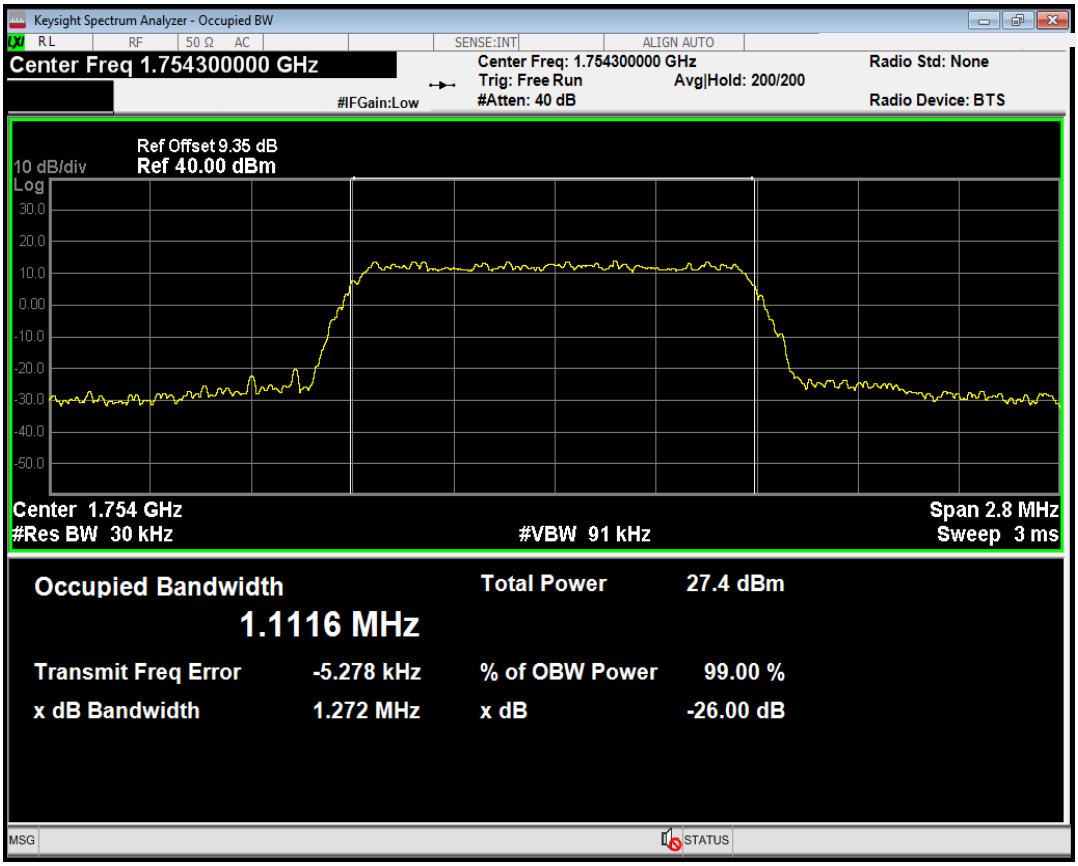
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



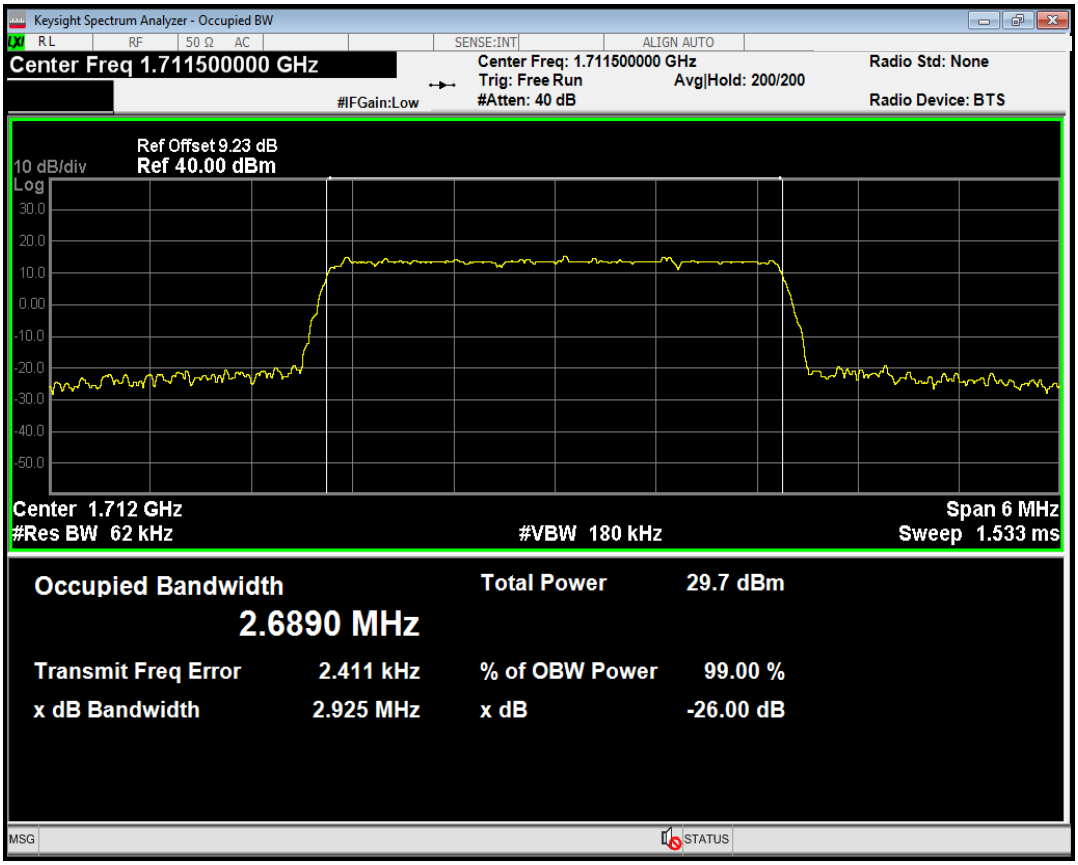
Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=6 Position=#0



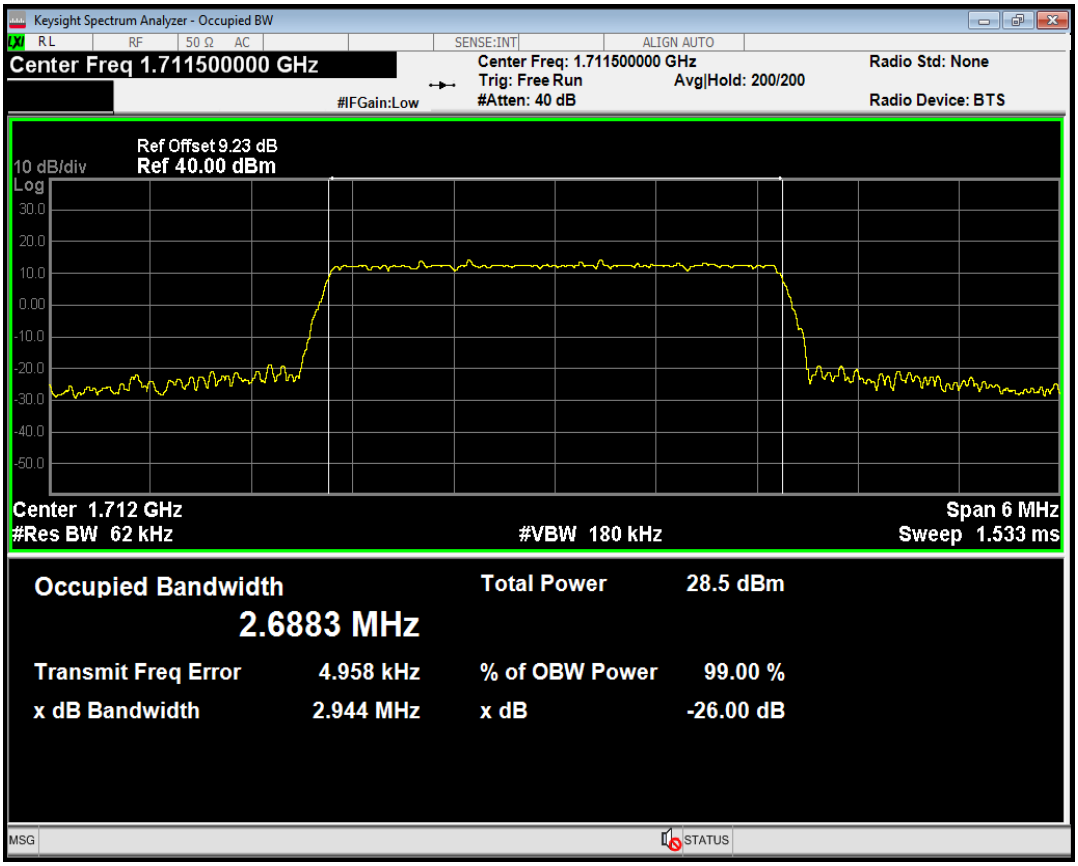
Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



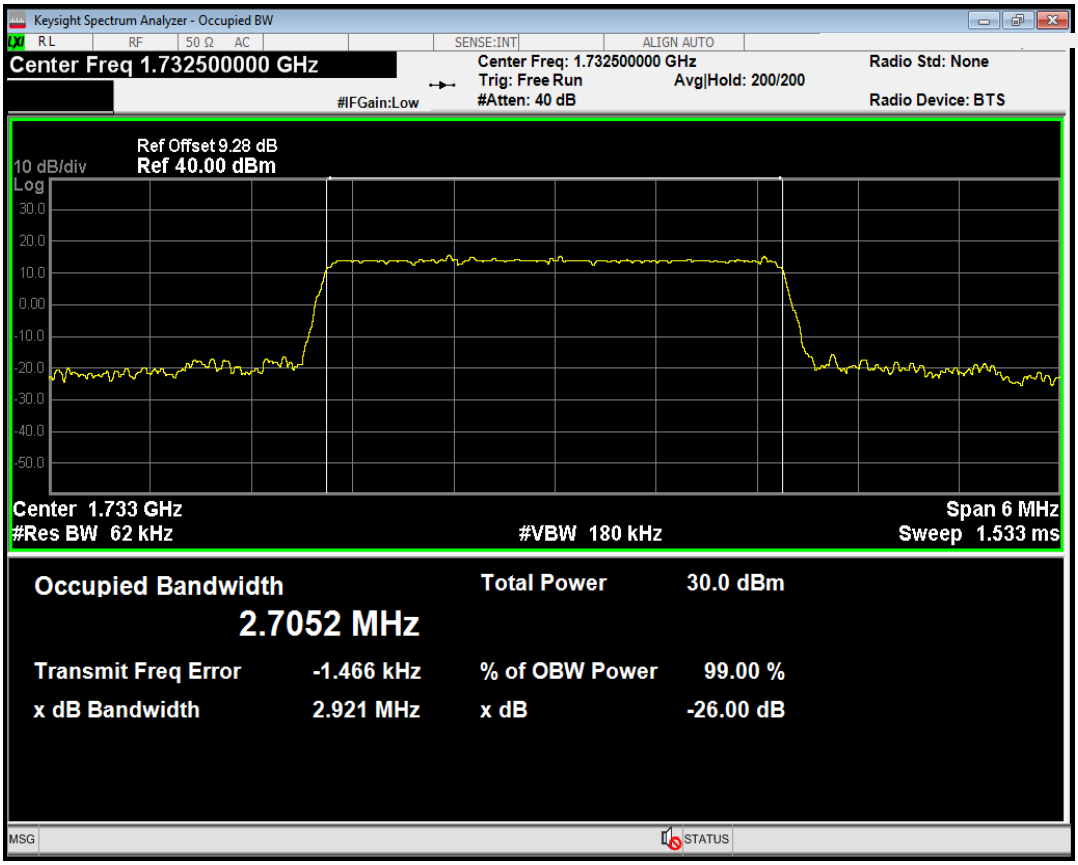
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



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



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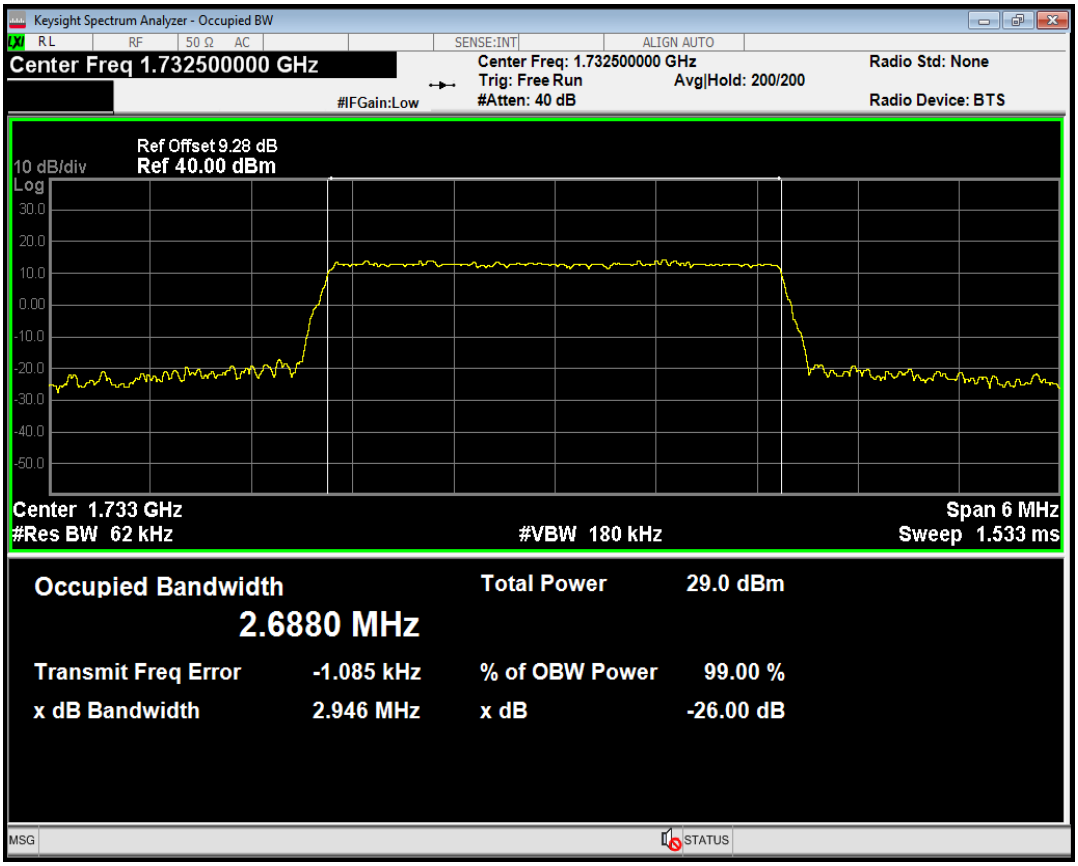
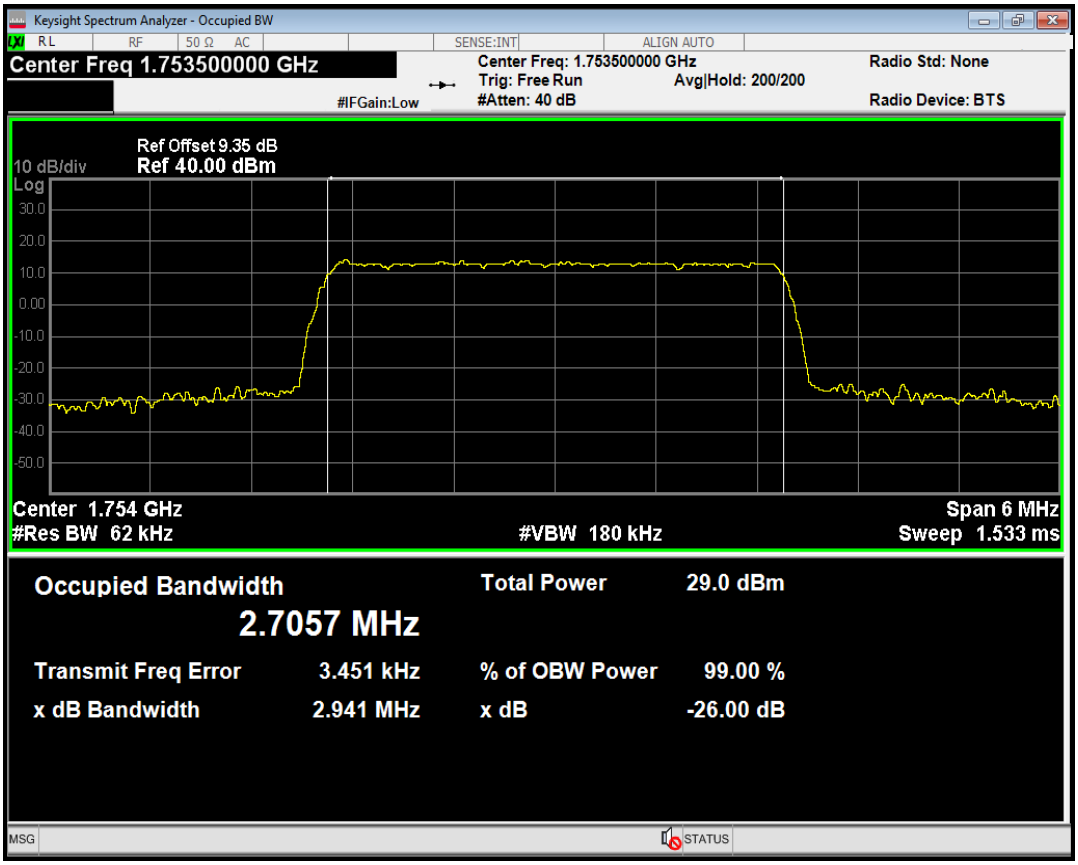
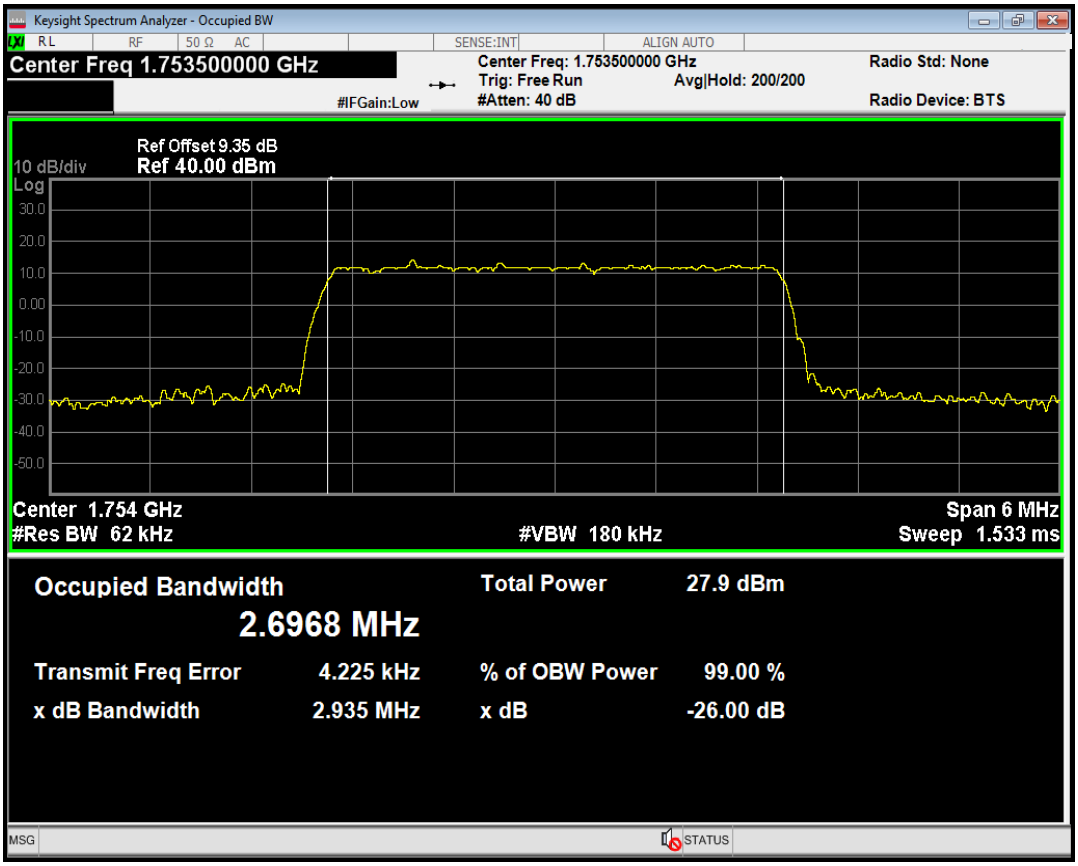


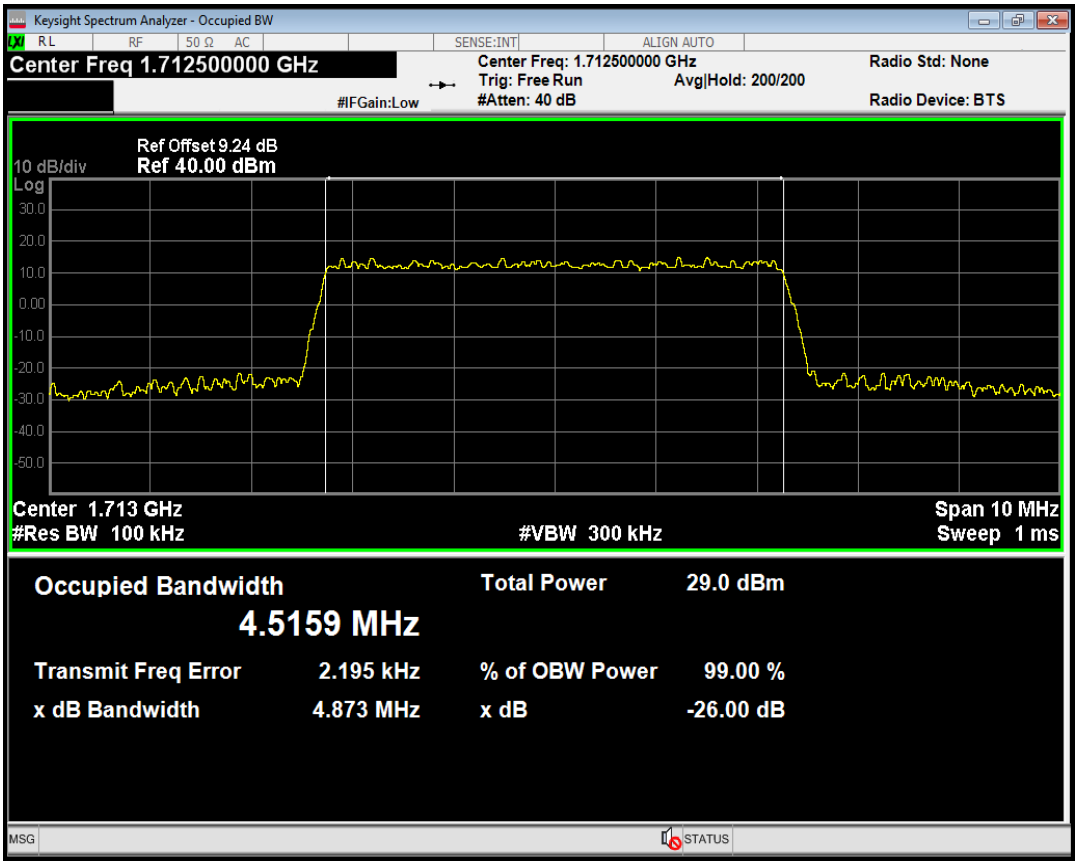
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



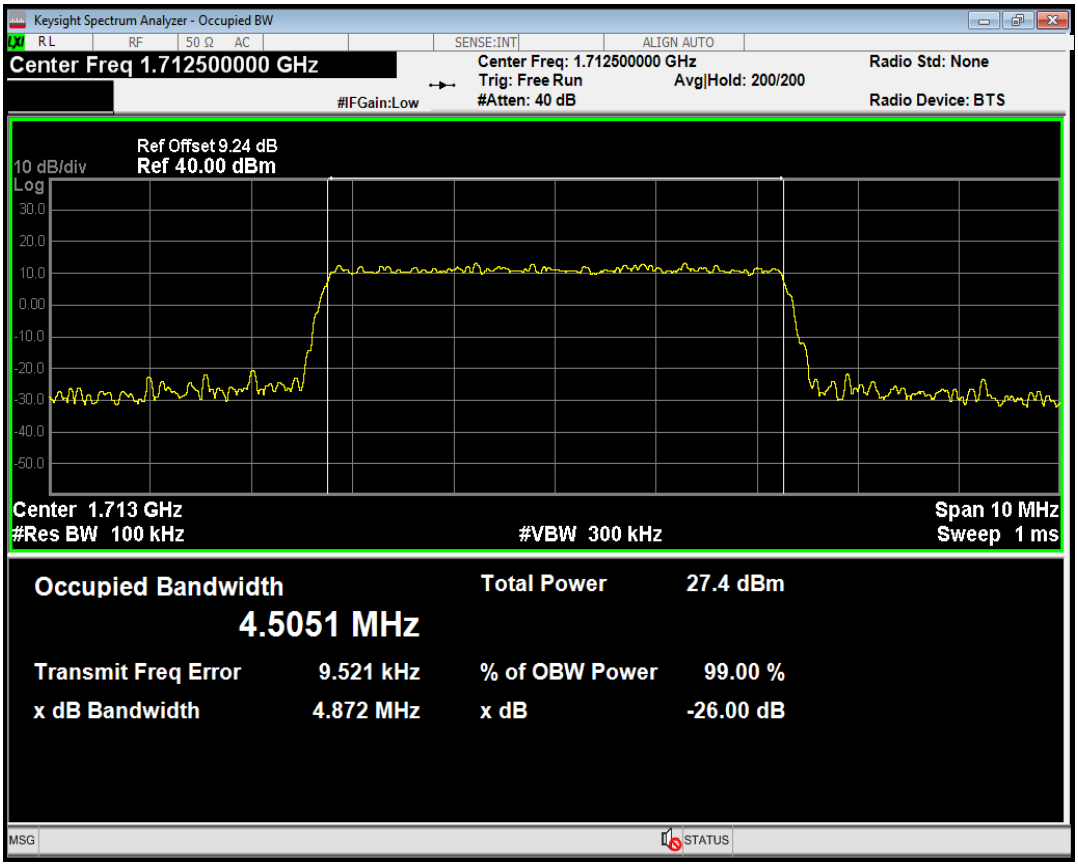
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



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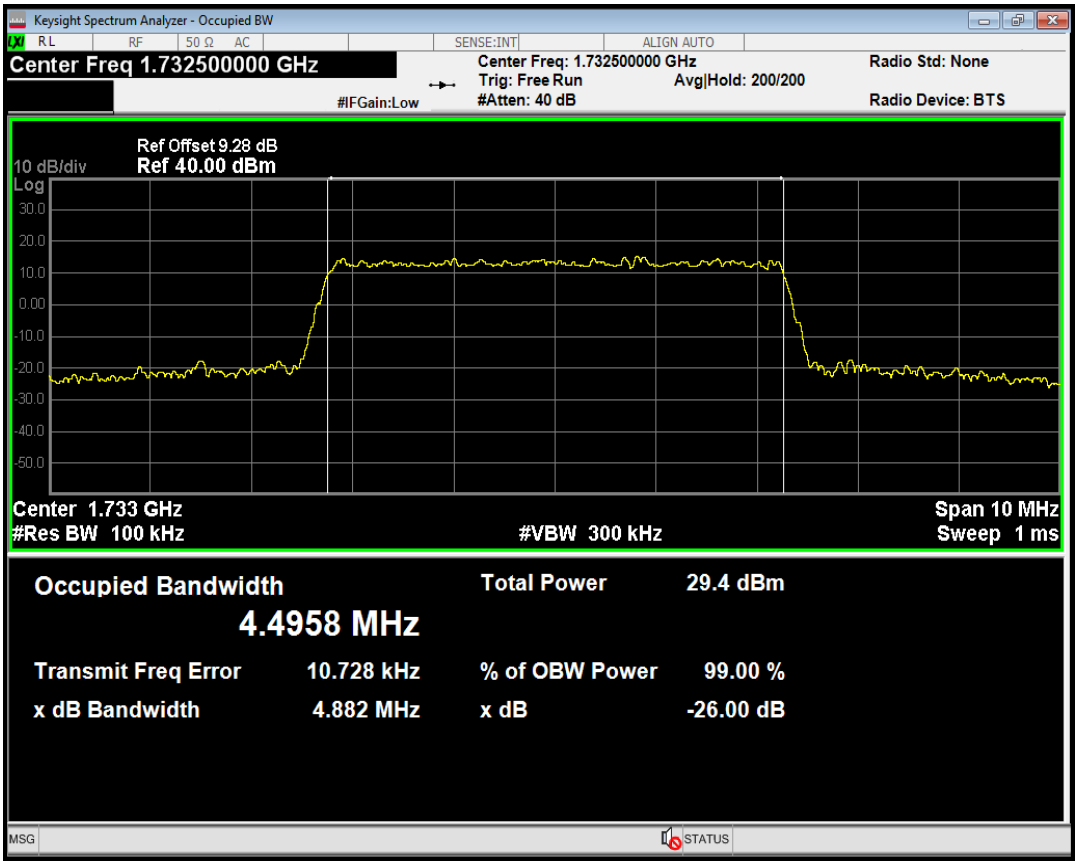
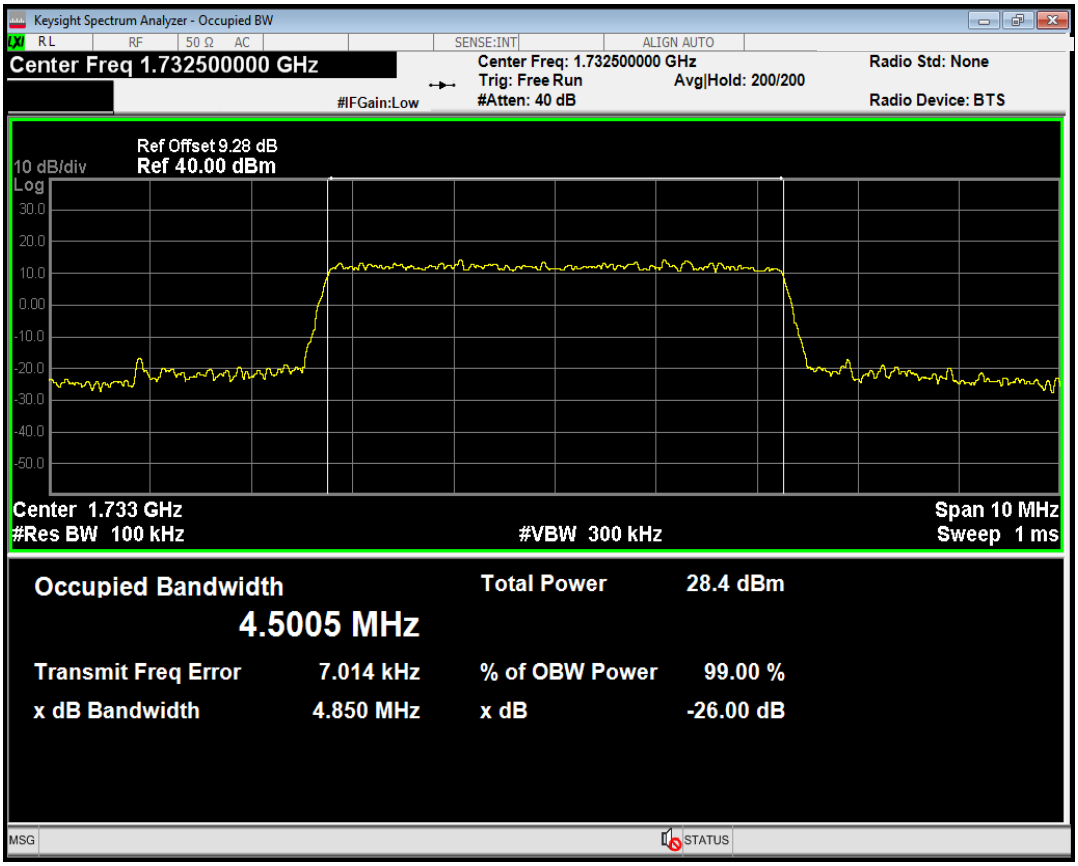
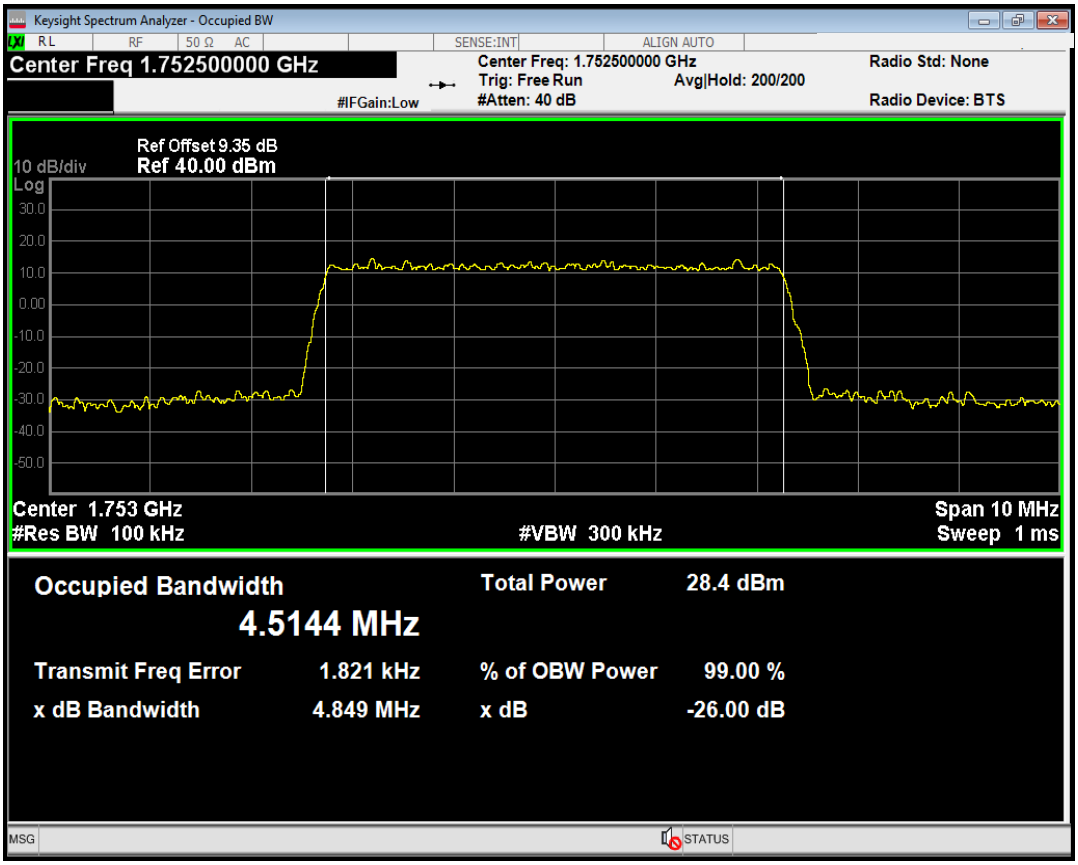


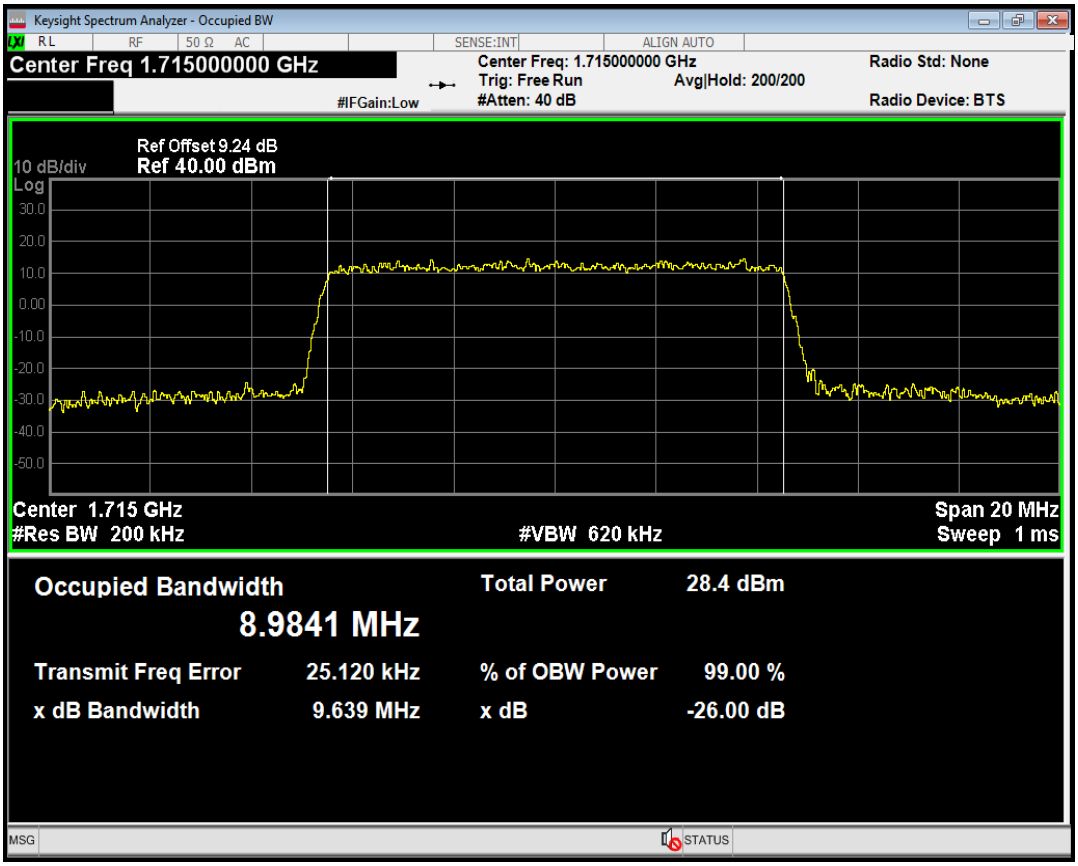
Band4 QAM16 BW=5MHz Channel=20175 RB Size=25 Position=#0



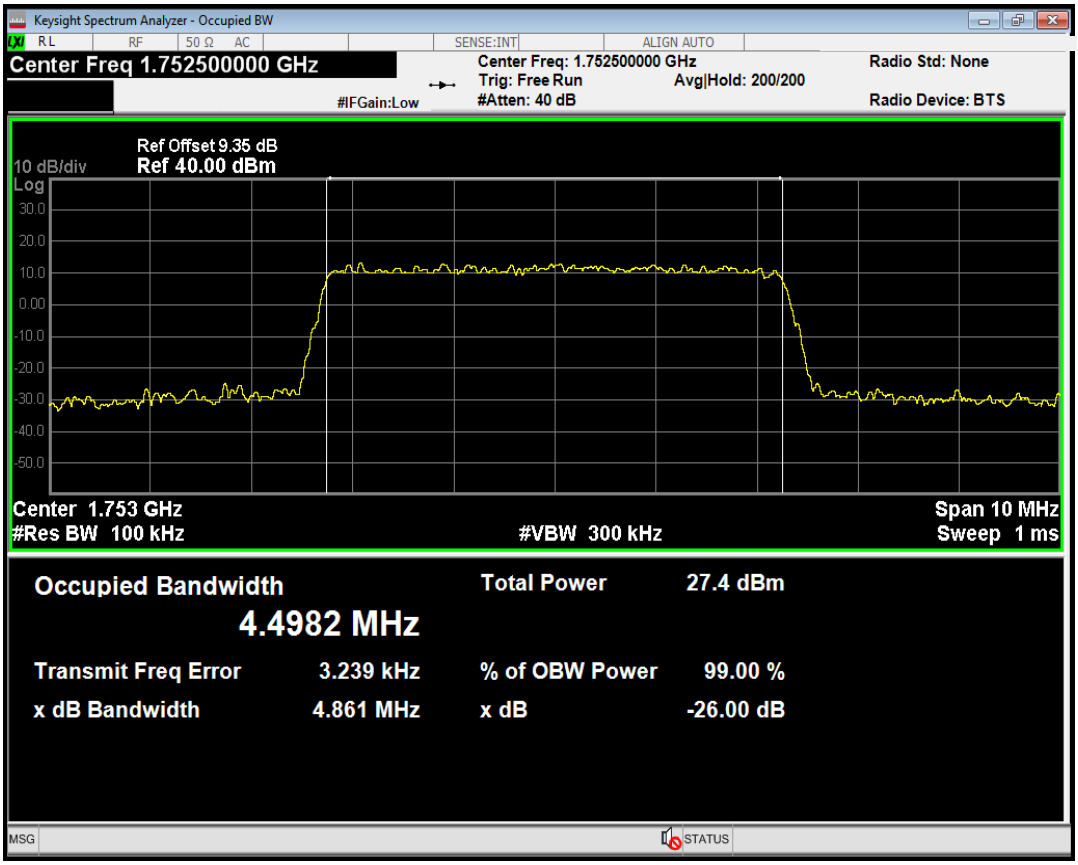
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



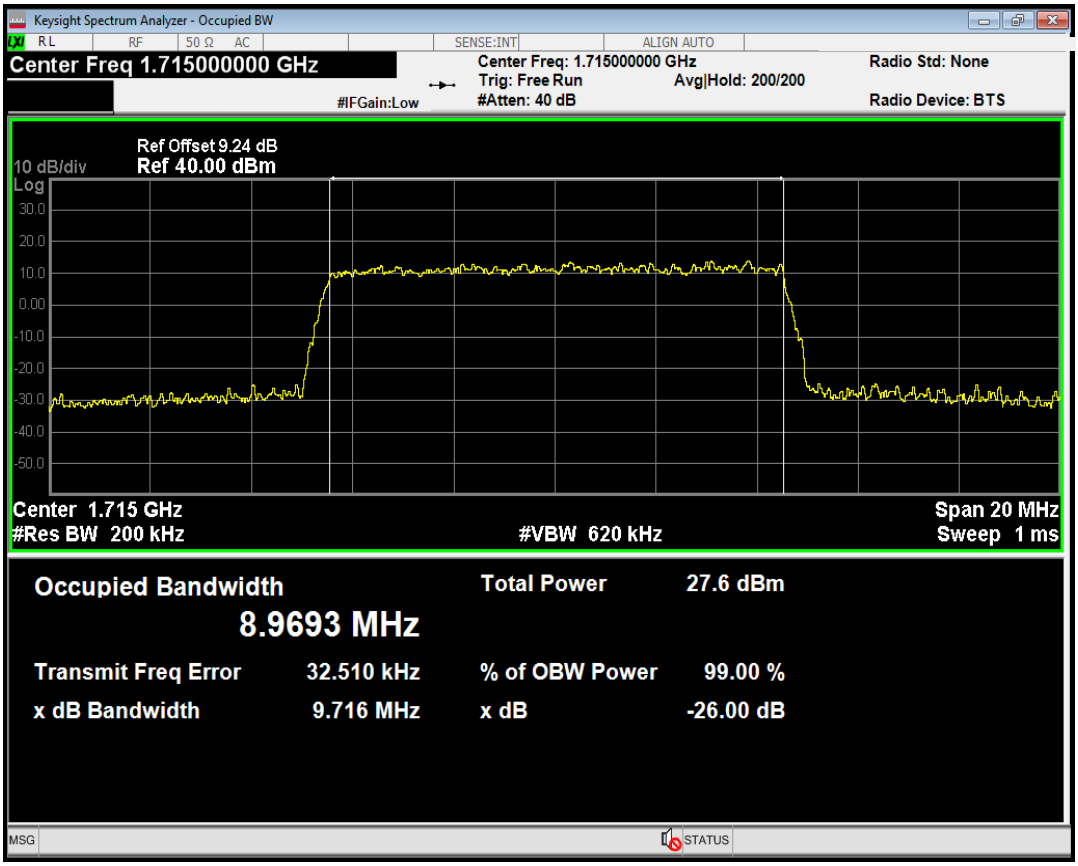
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



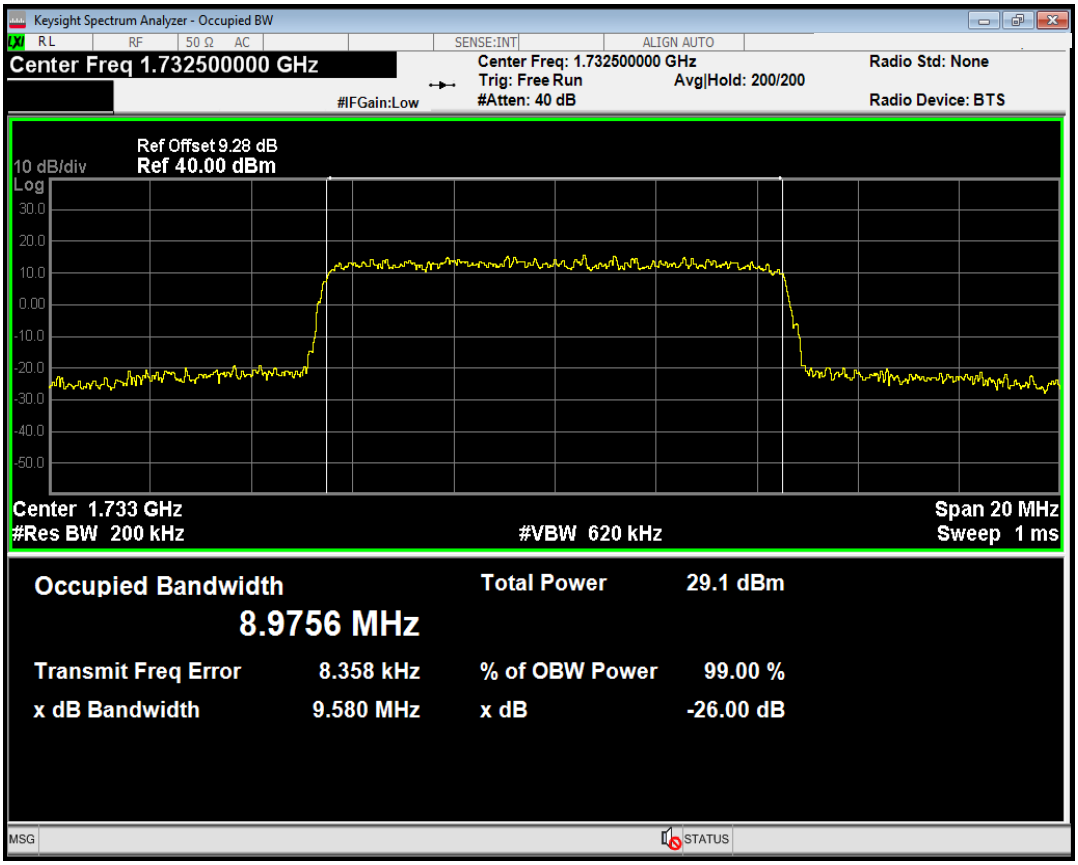
Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



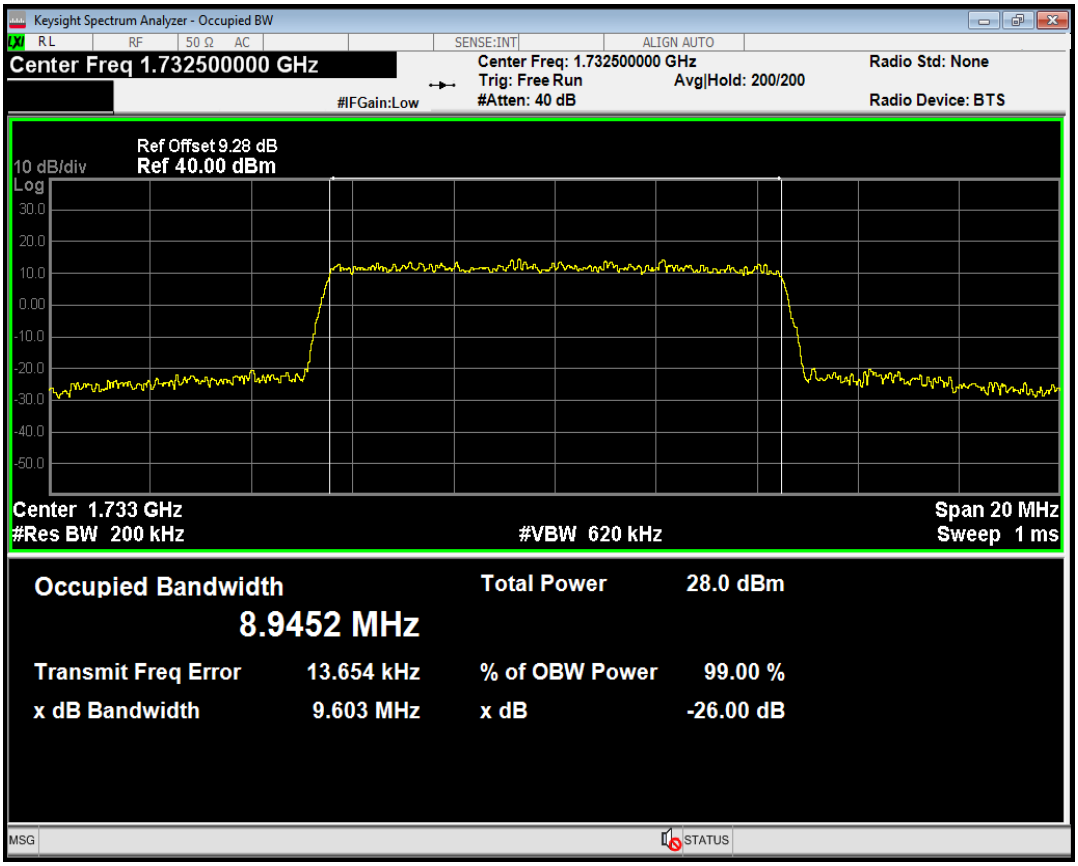
Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0



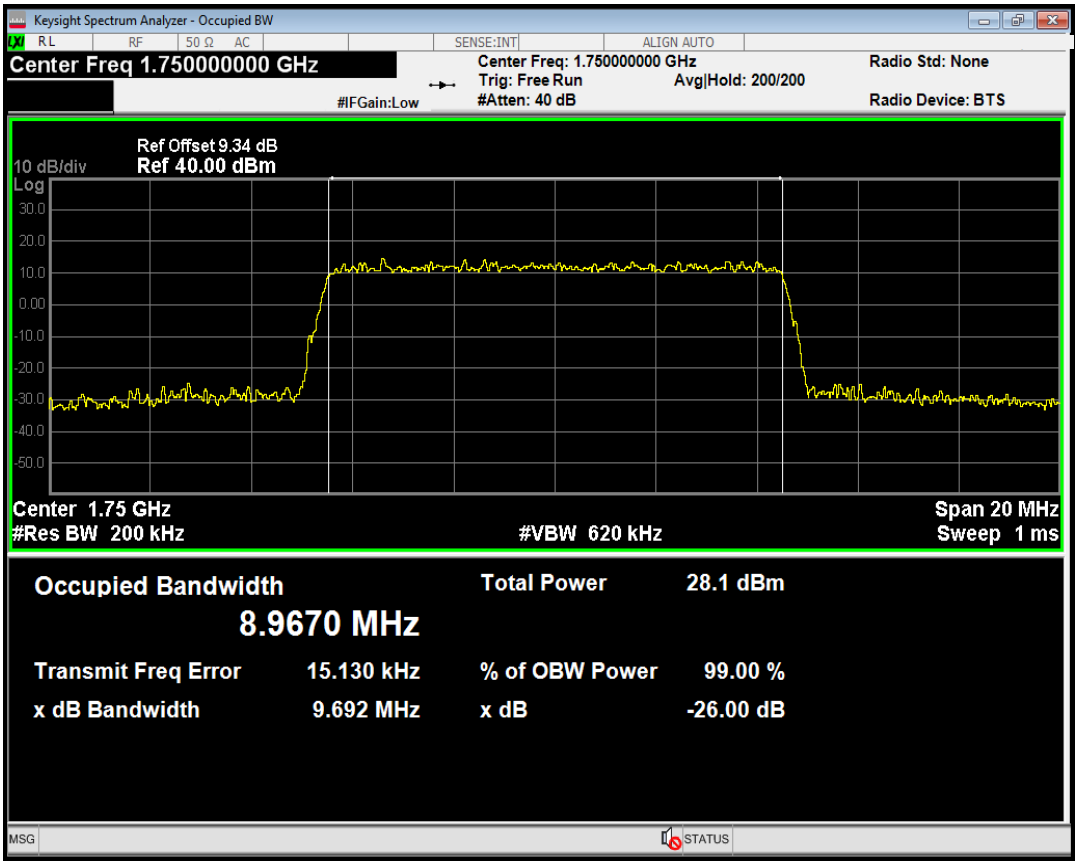
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



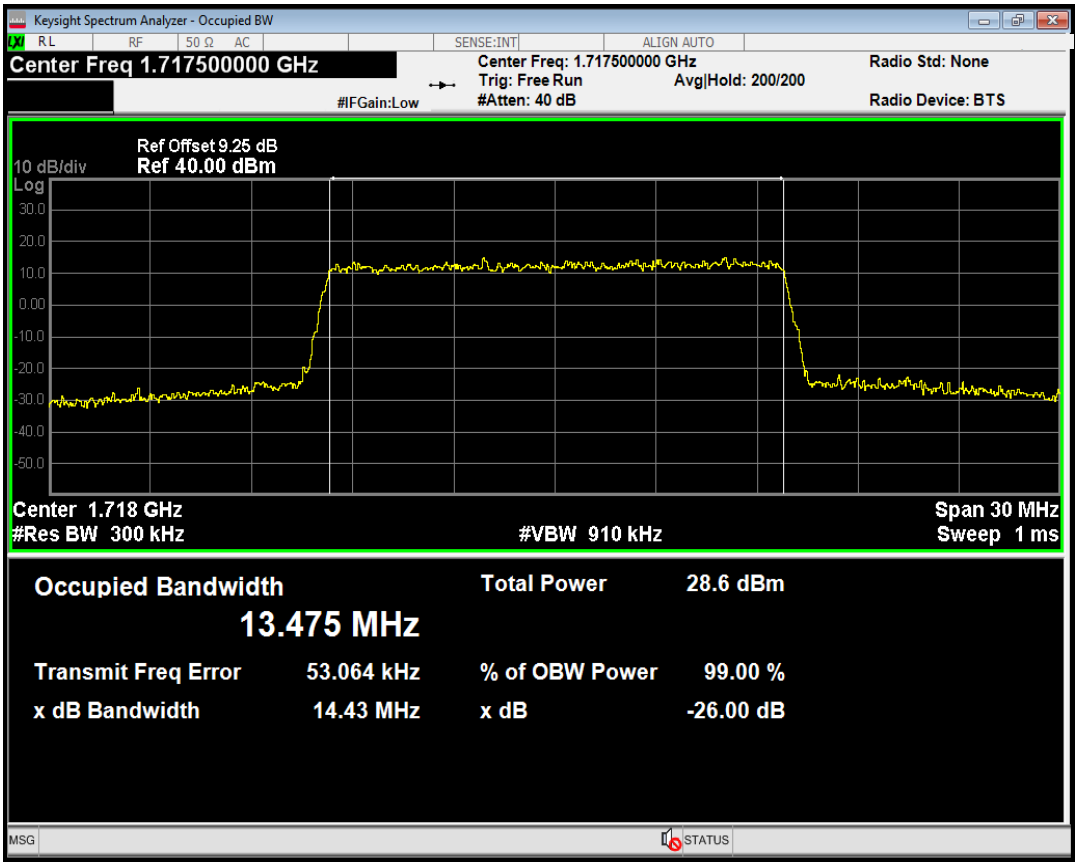
Band4 QAM16 BW=10MHz Channel=20175 RB Size=50 Position=#0



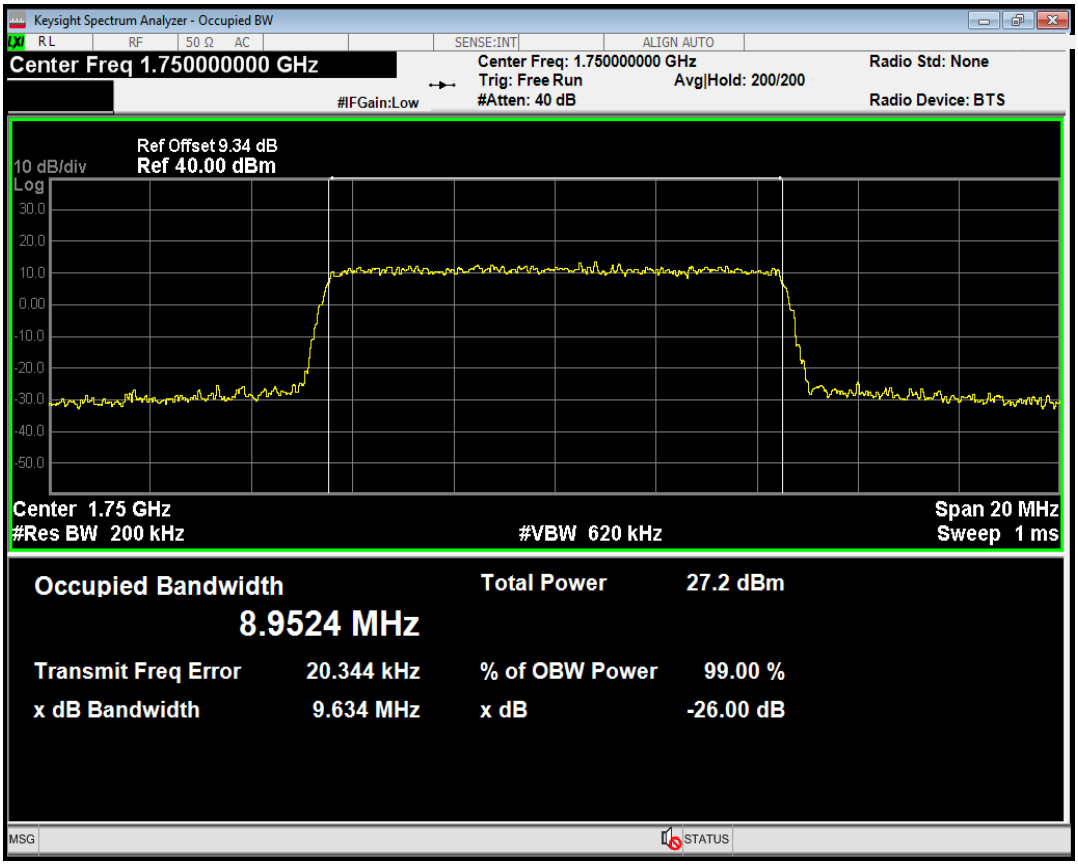
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



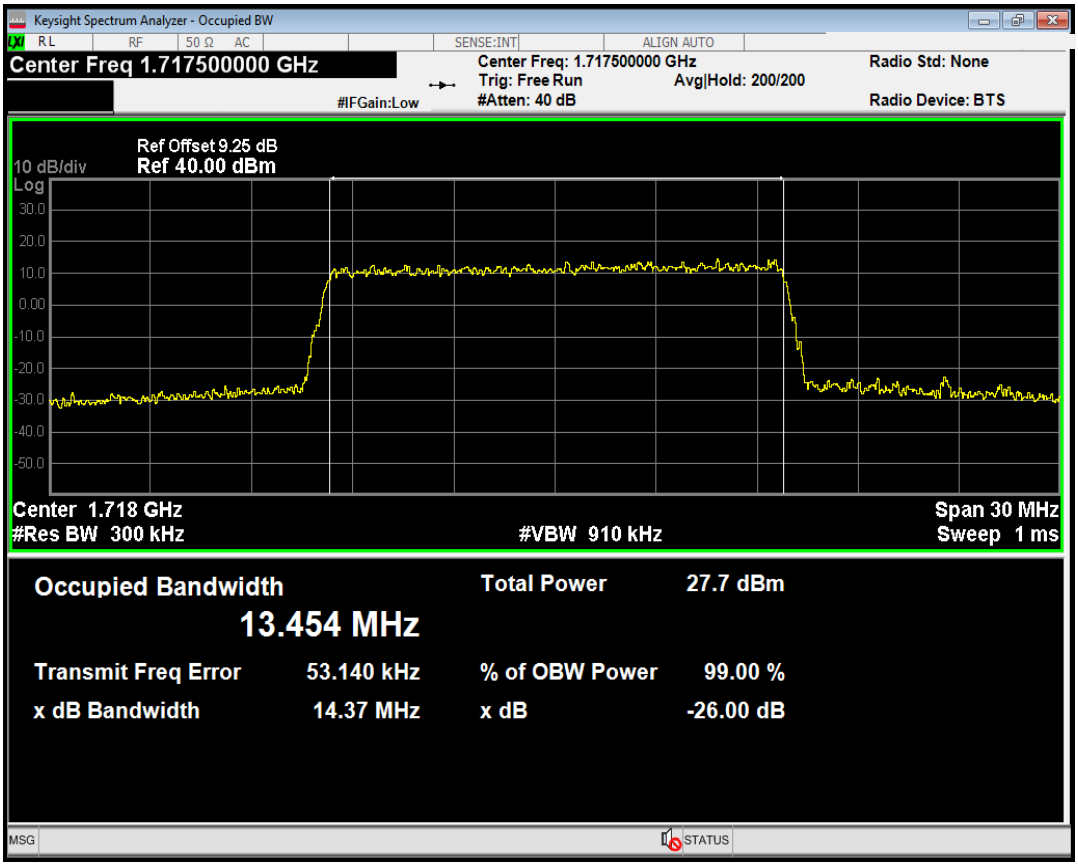
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0



Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0



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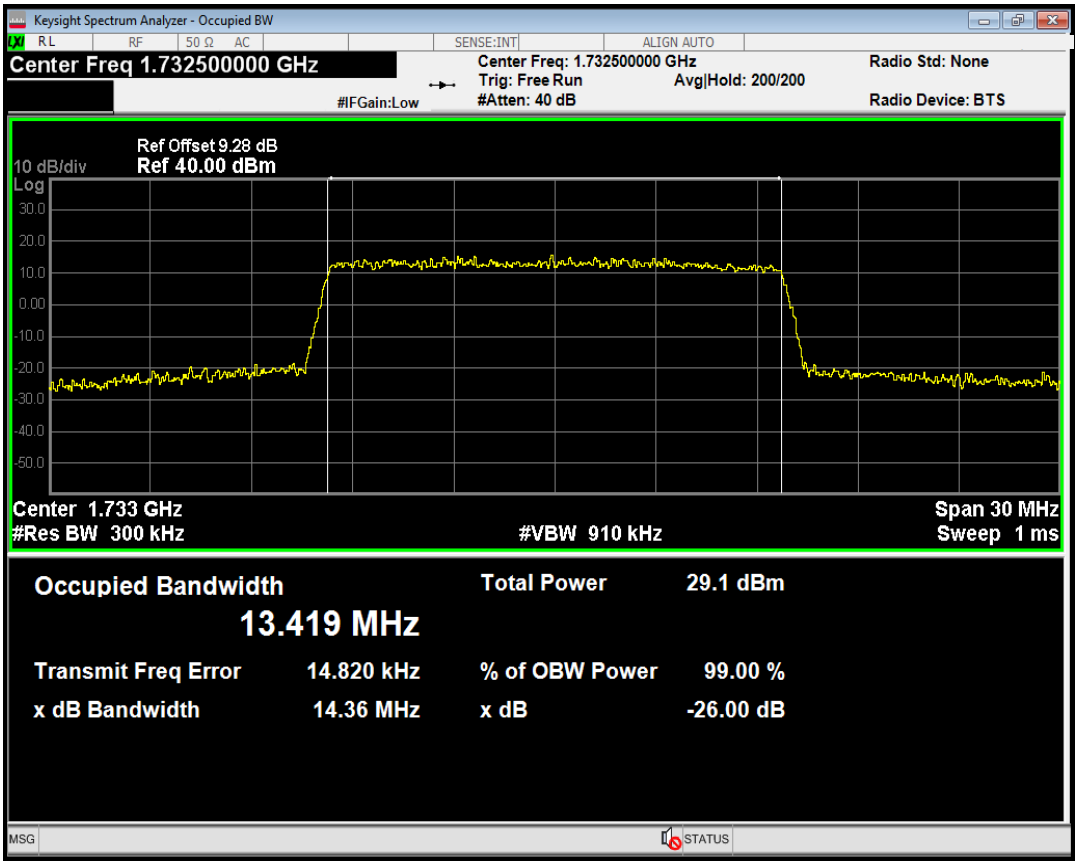

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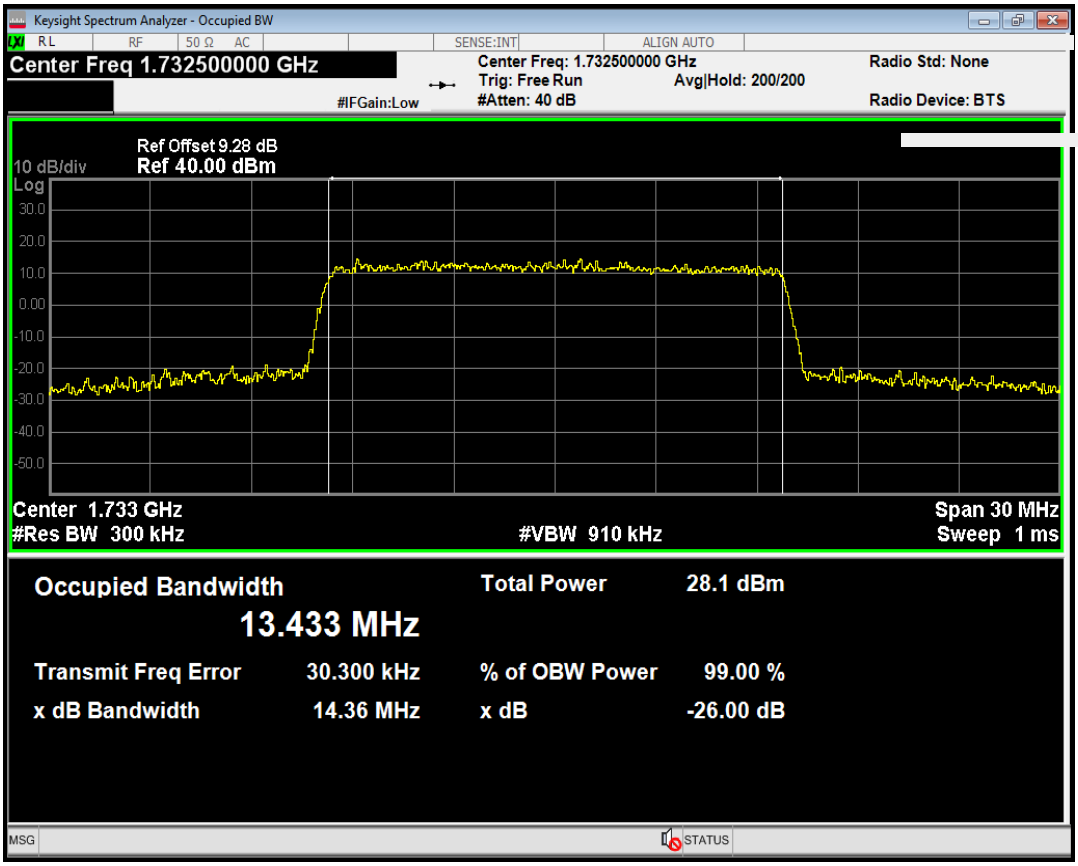

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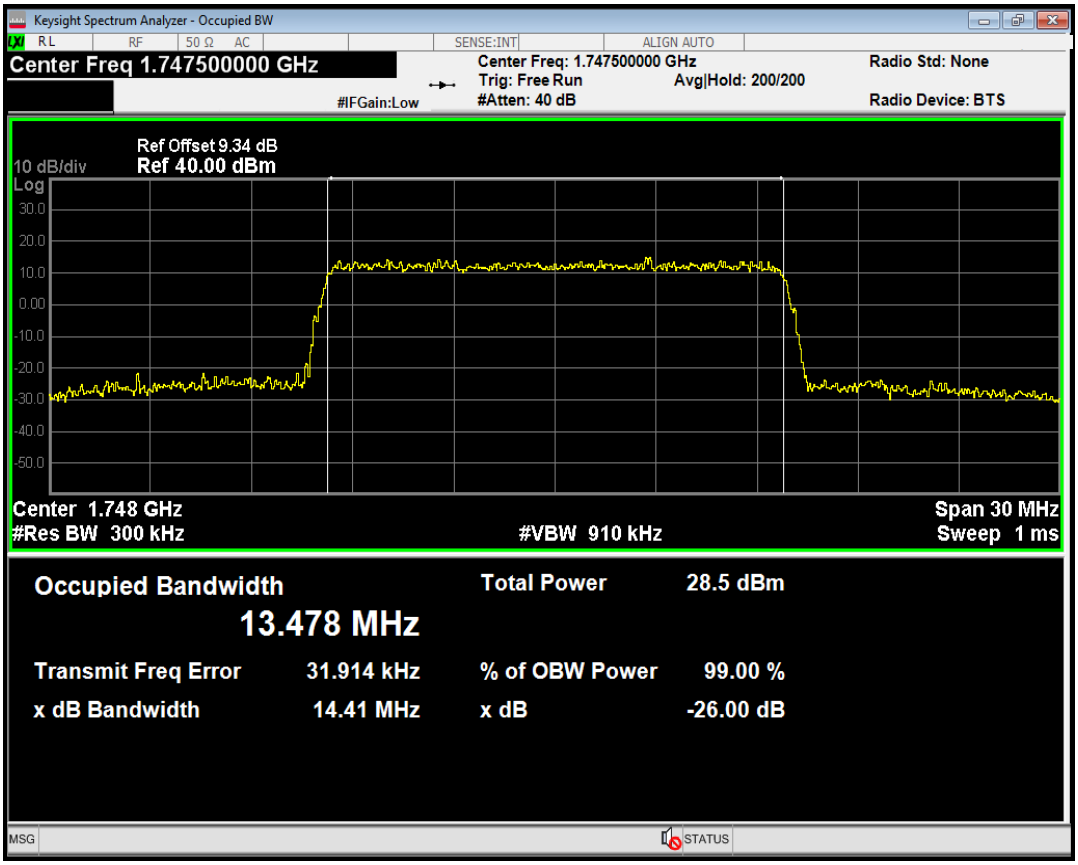
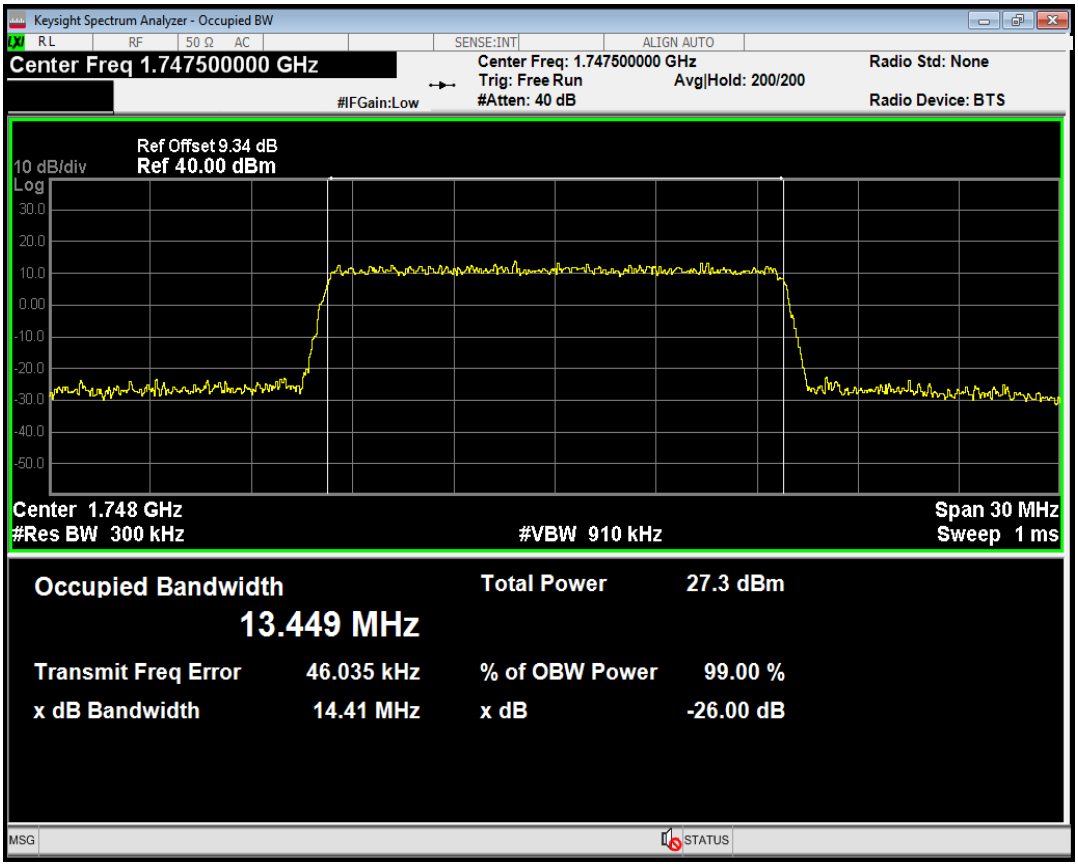
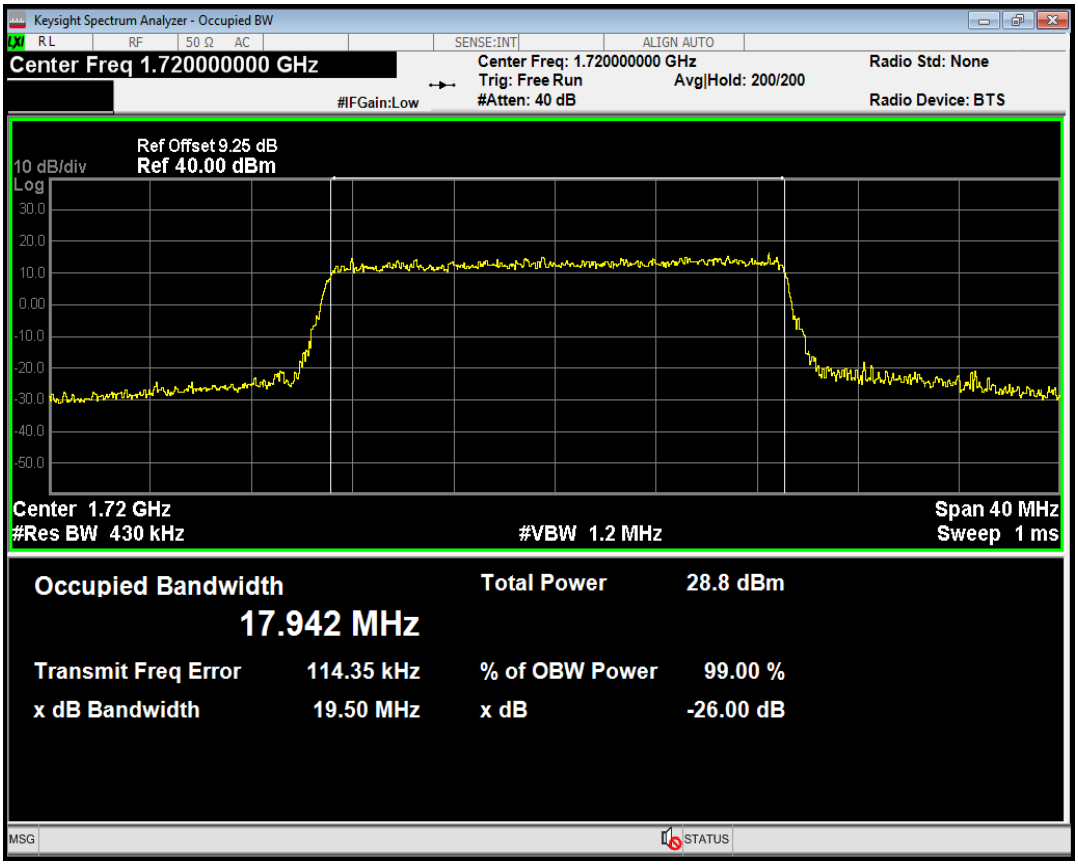


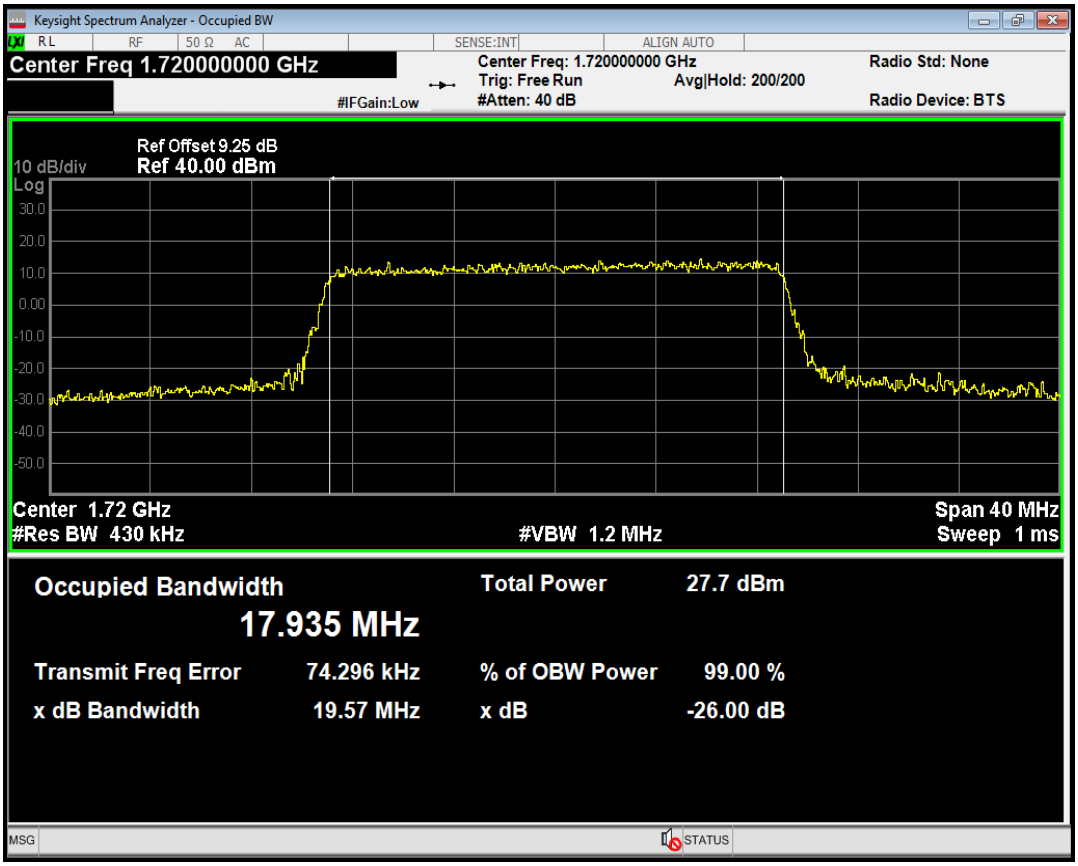
Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0



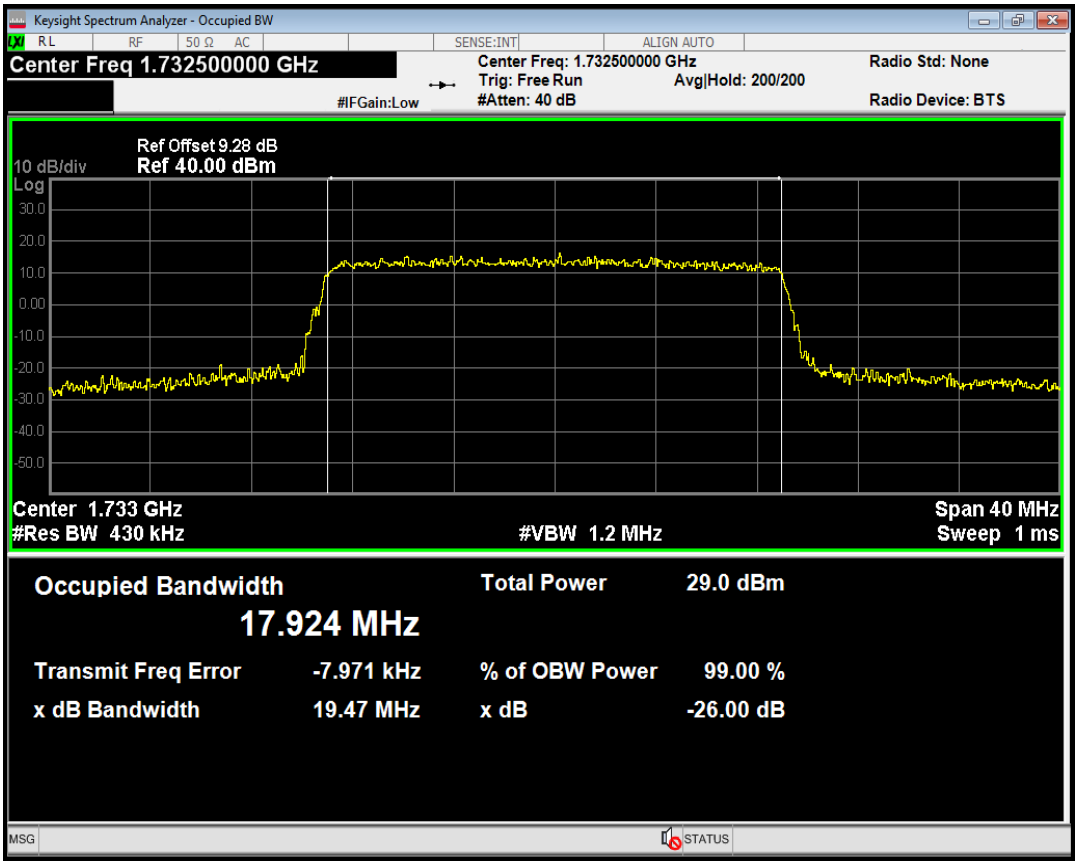
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



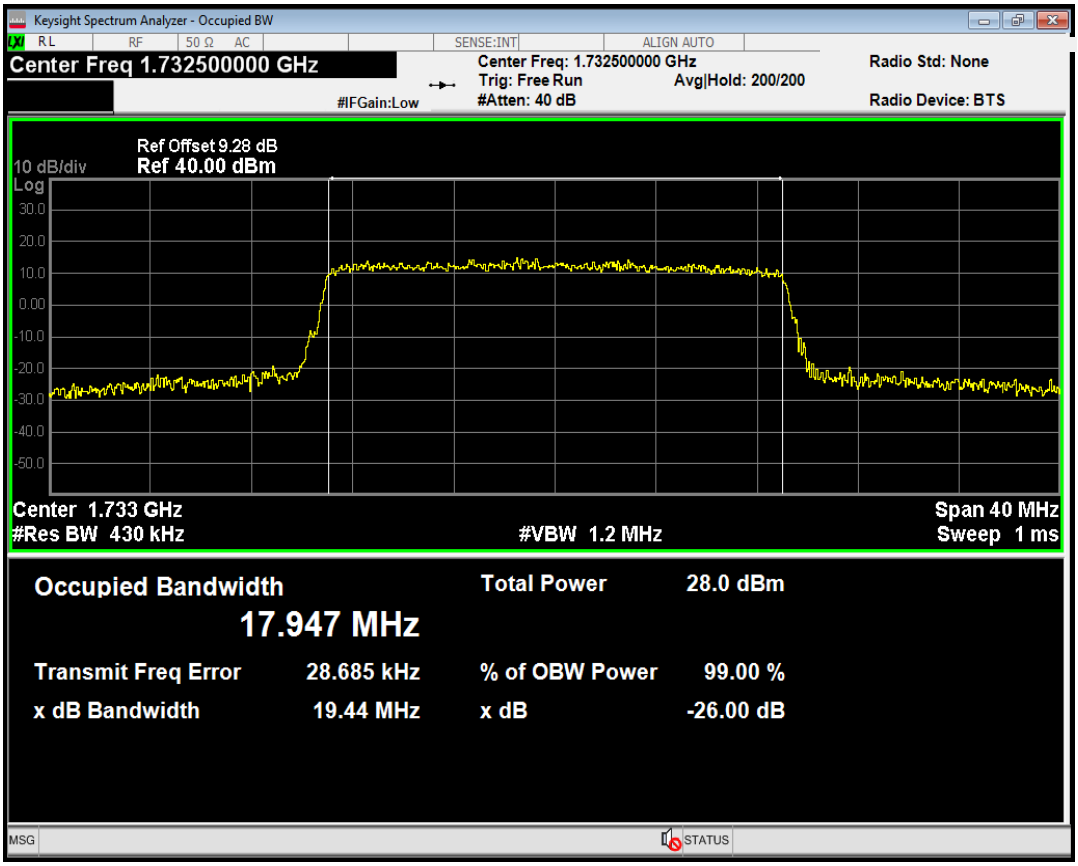
Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0



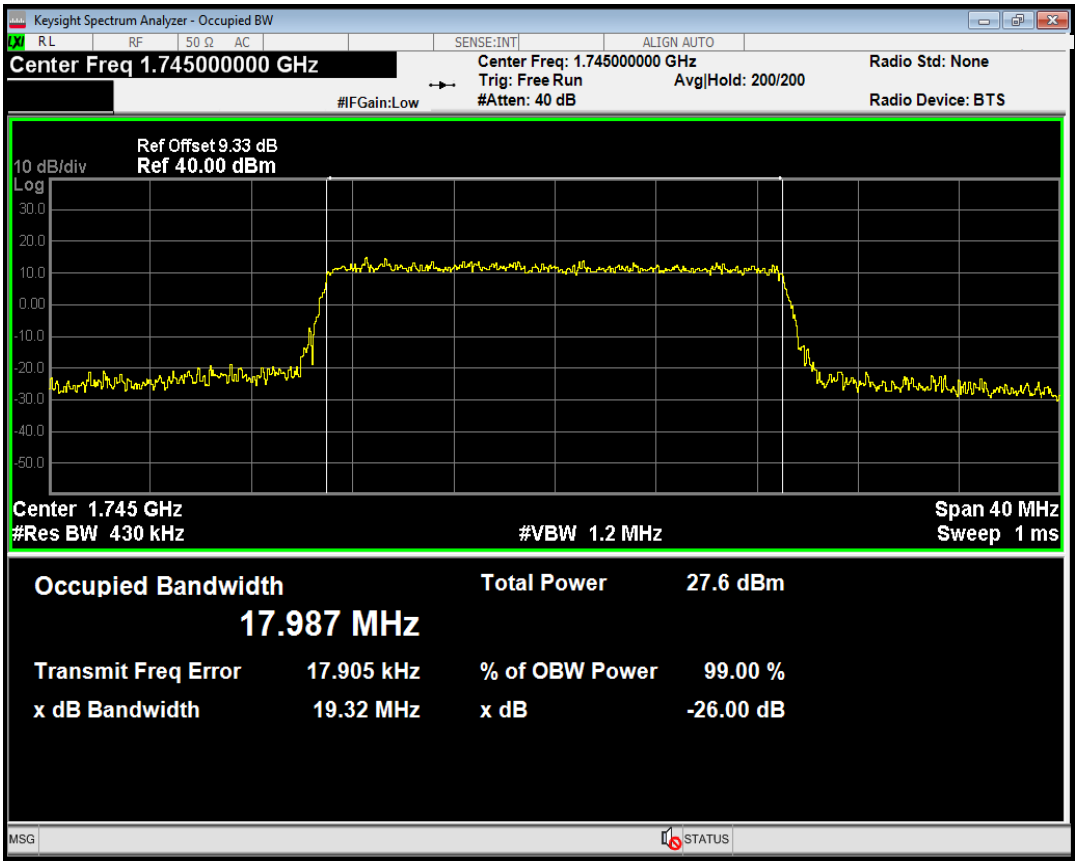
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



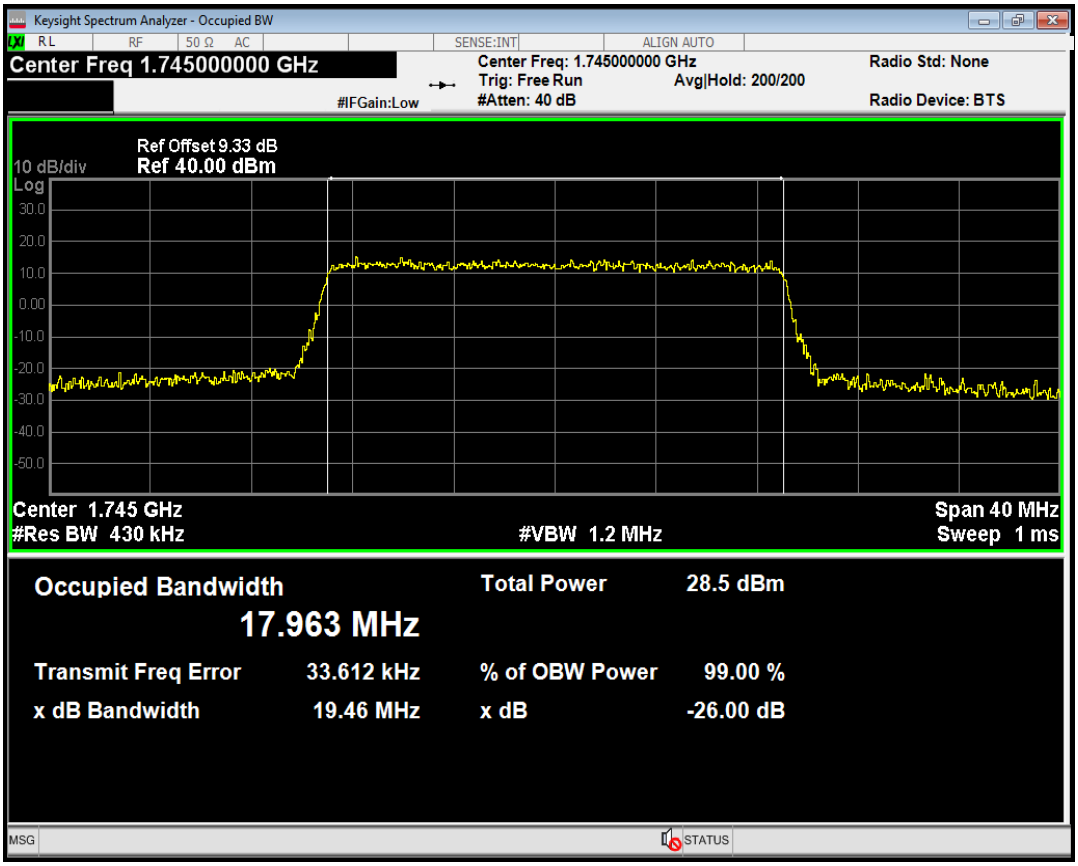
Band4 QAM16 BW=20MHz Channel=20175 RB Size=100 Position=#0



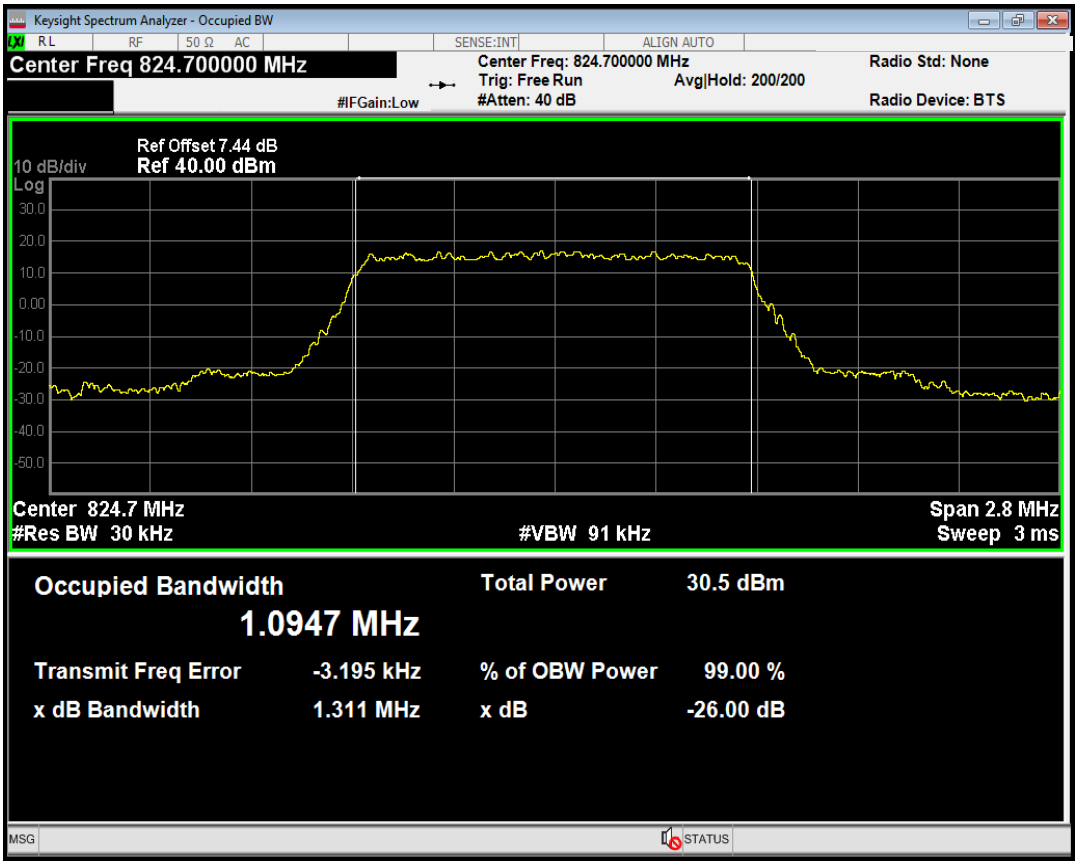
Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0



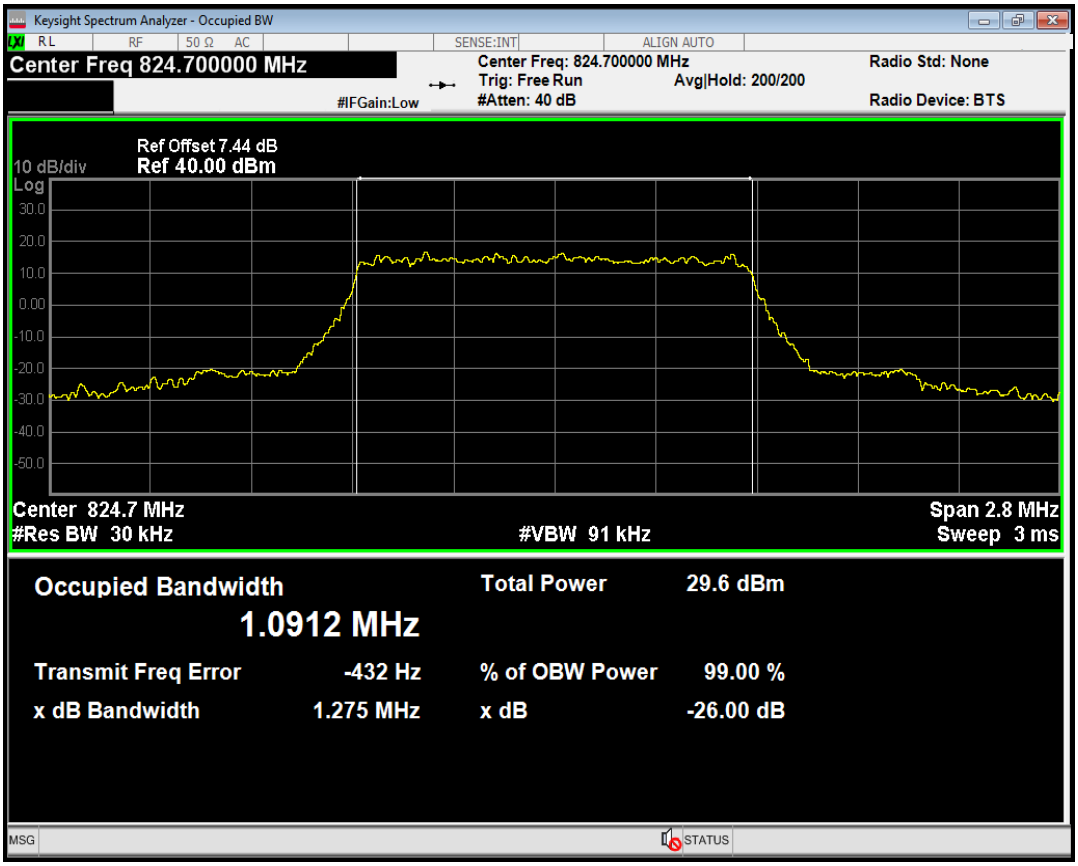
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



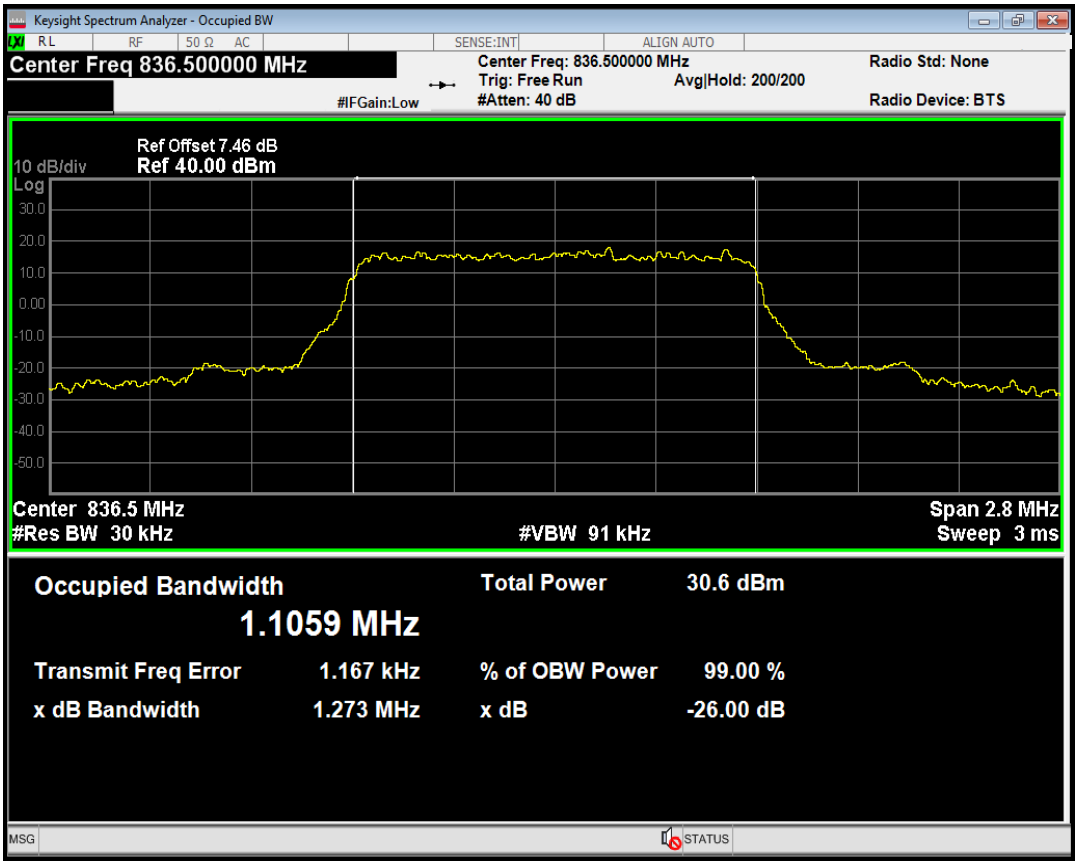
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



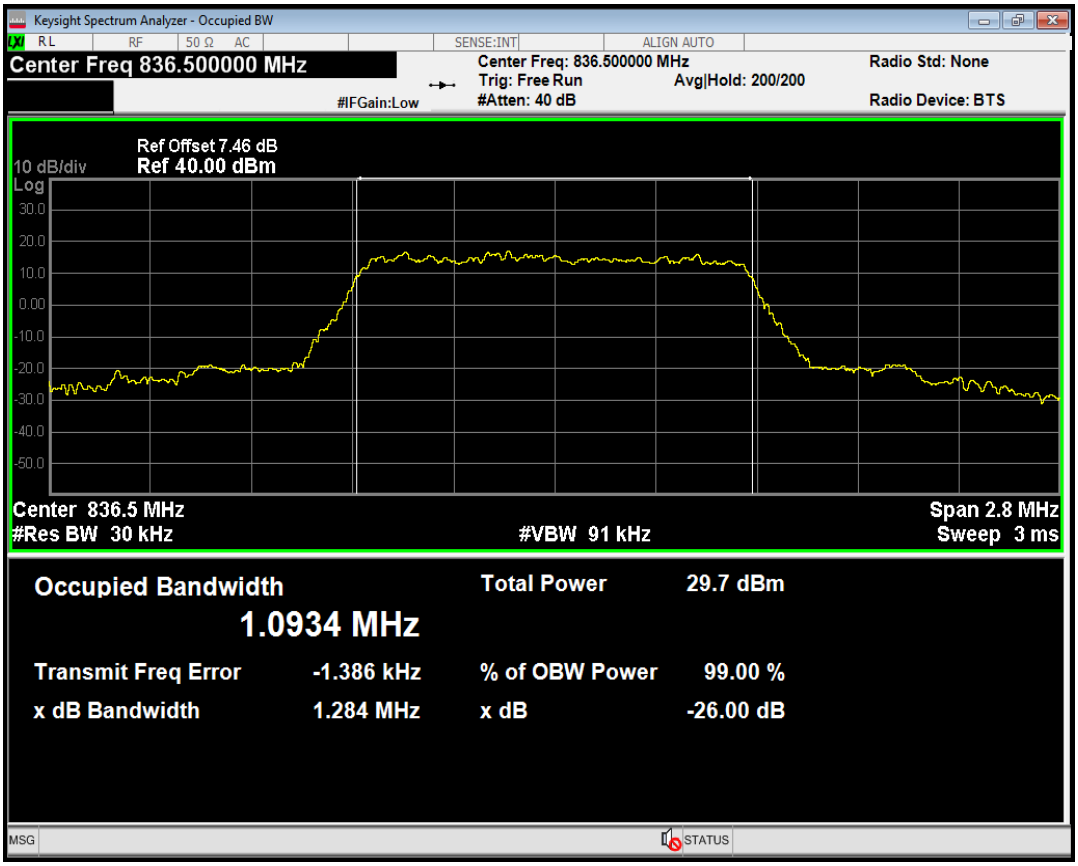
Band5 QAM16 BW=1.4MHz Channel=20407 RB Size=6 Position=#0



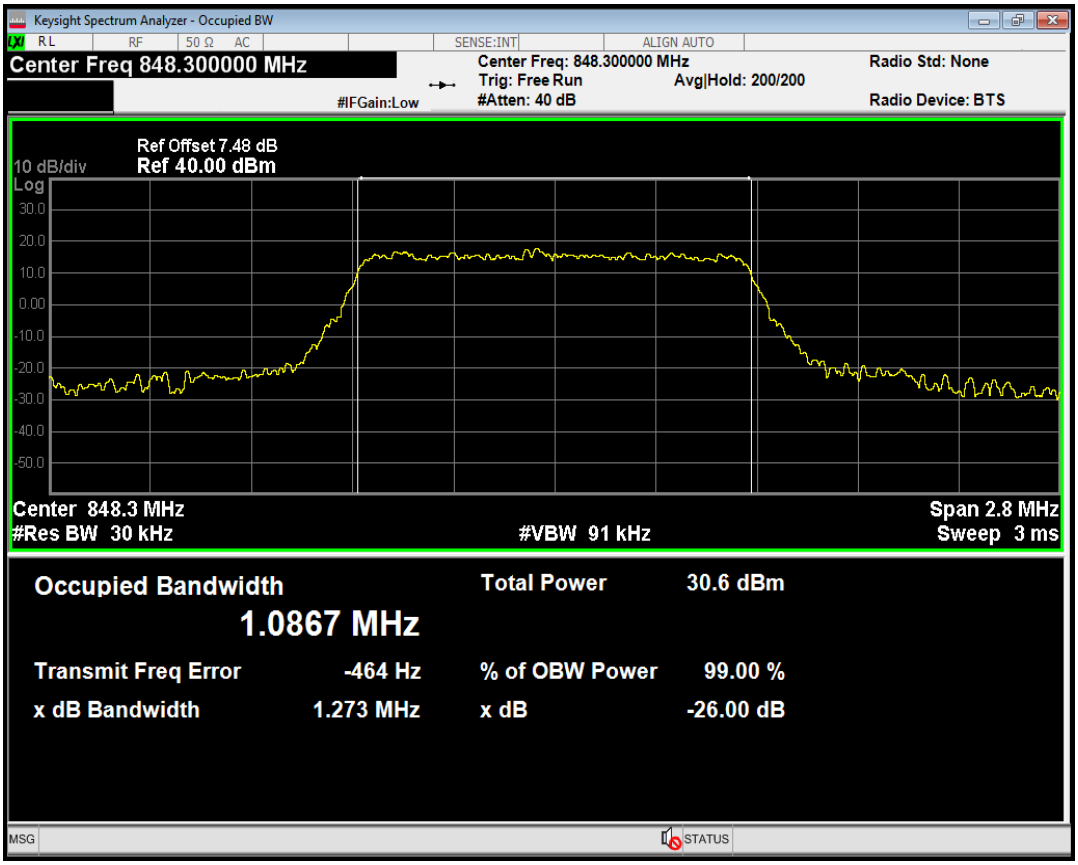
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



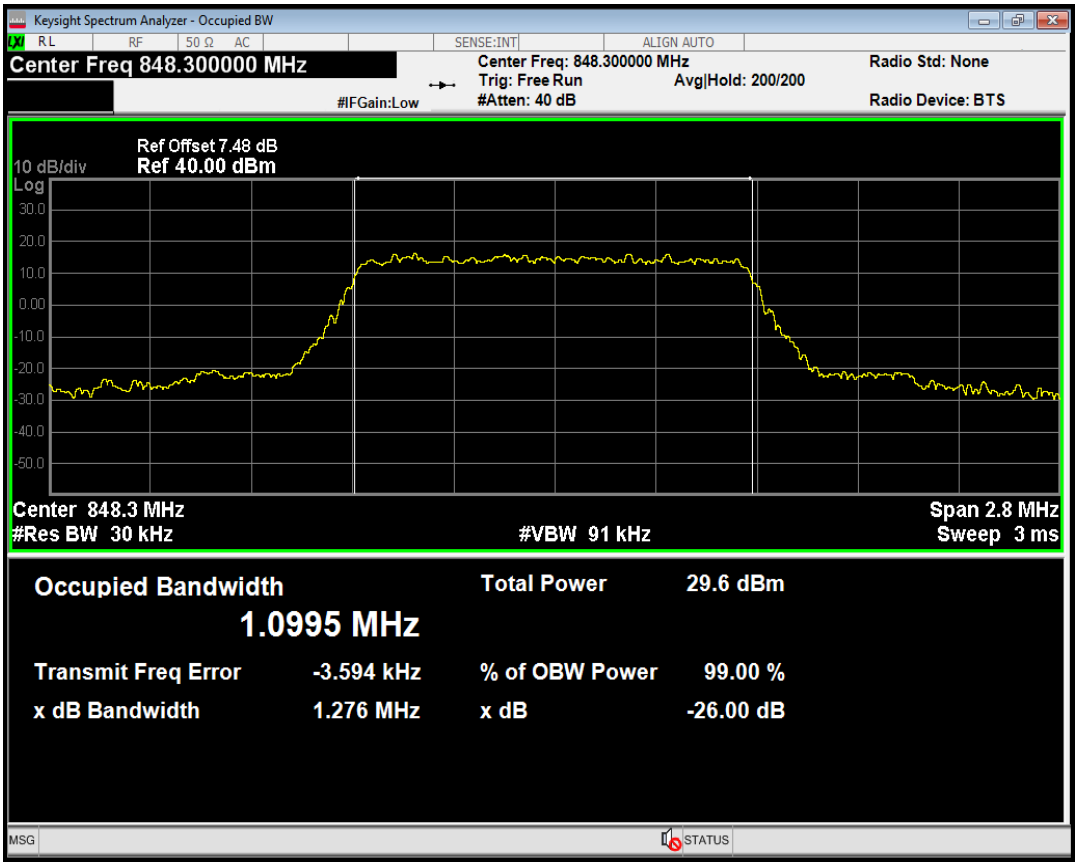
Band5 QAM16 BW=1.4MHz Channel=20525 RB Size=6 Position=#0



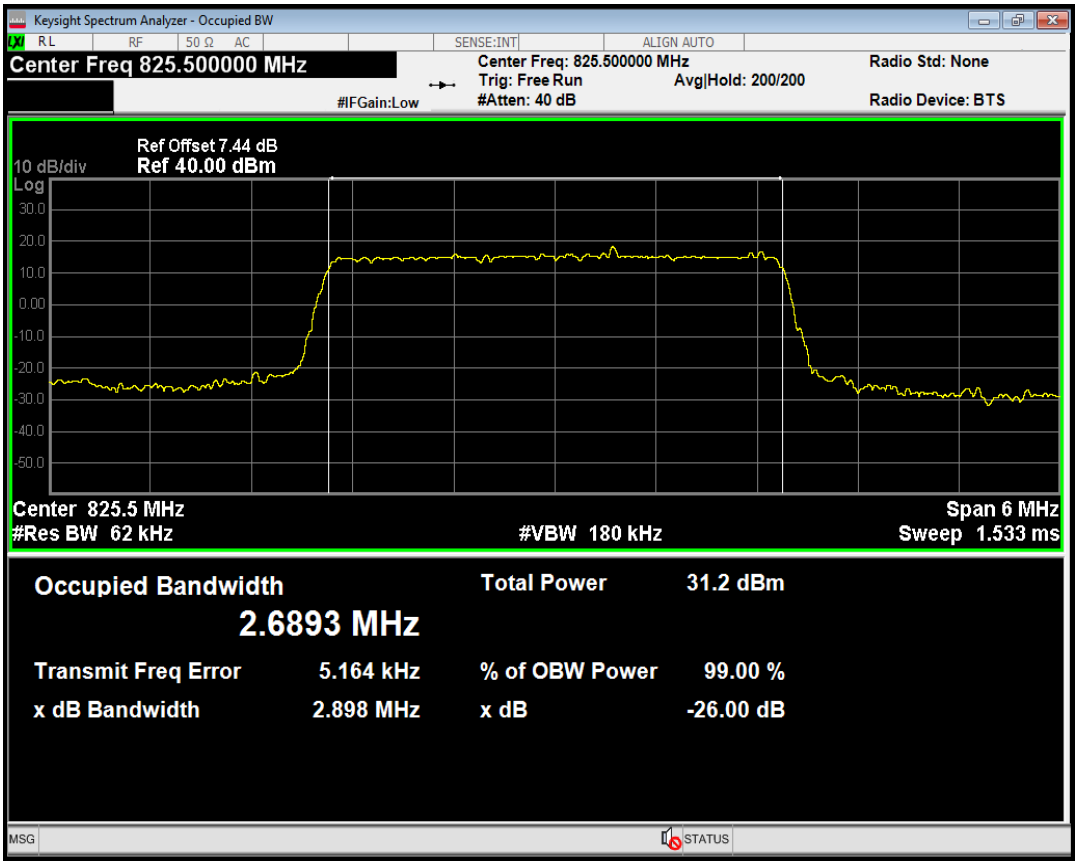
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



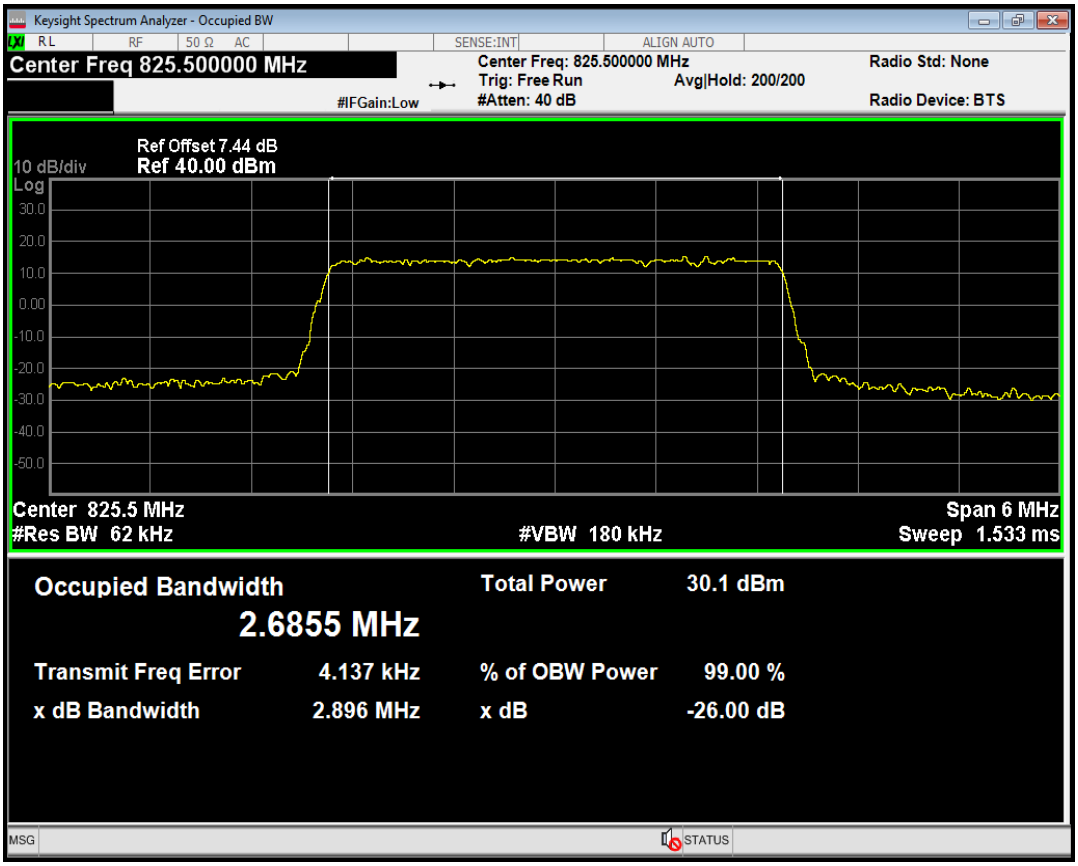
Band5 QAM16 BW=1.4MHz Channel=20643 RB Size=6 Position=#0



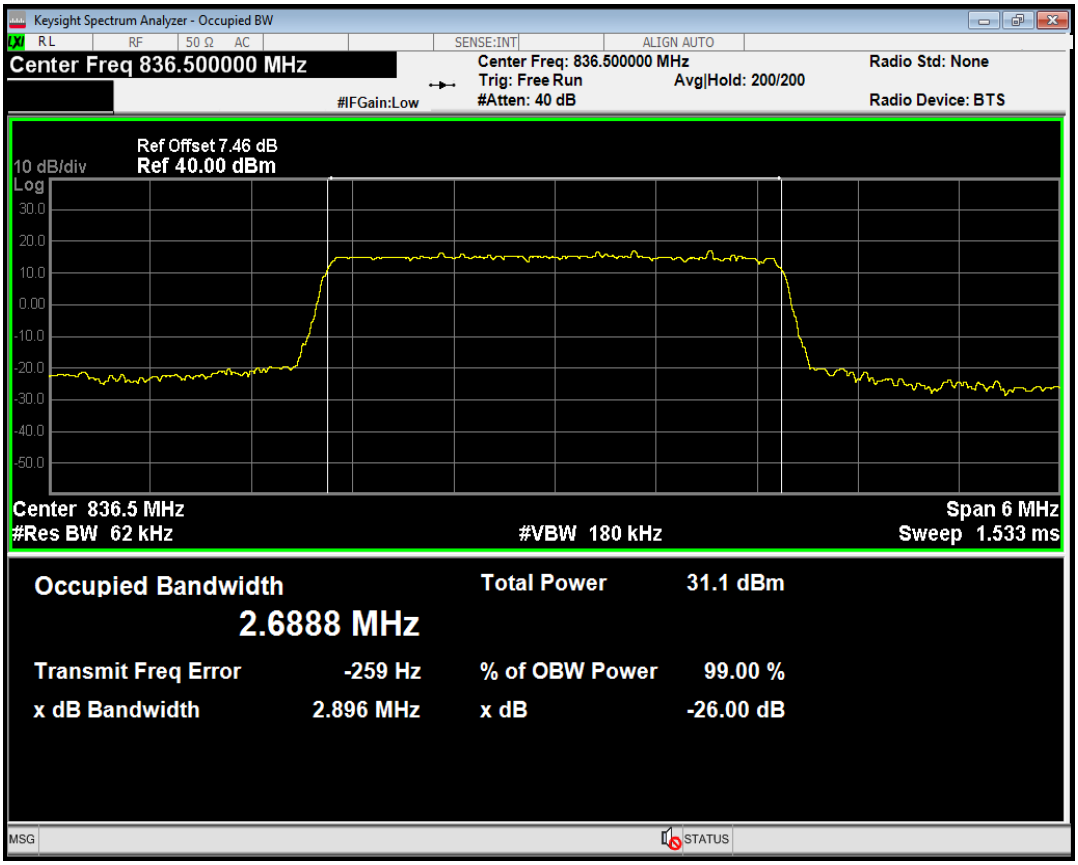
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



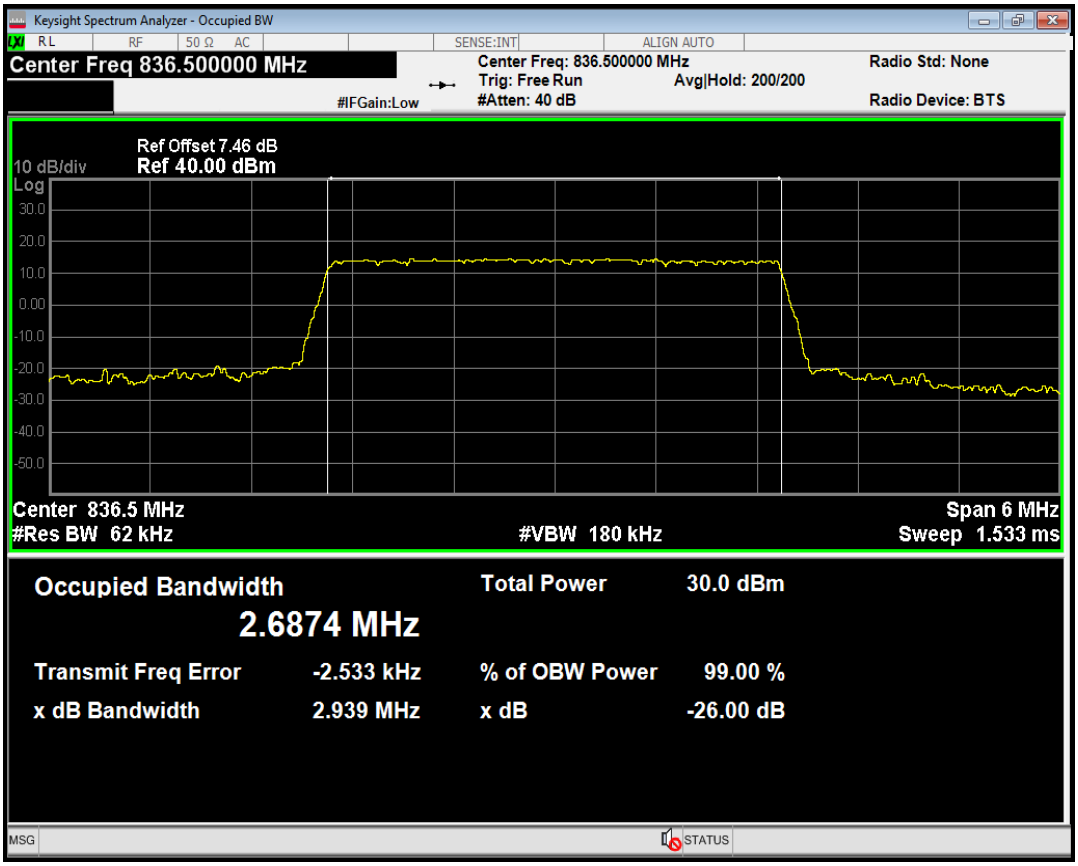
Band5 QAM16 BW=3MHz Channel=20415 RB Size=15 Position=#0



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



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



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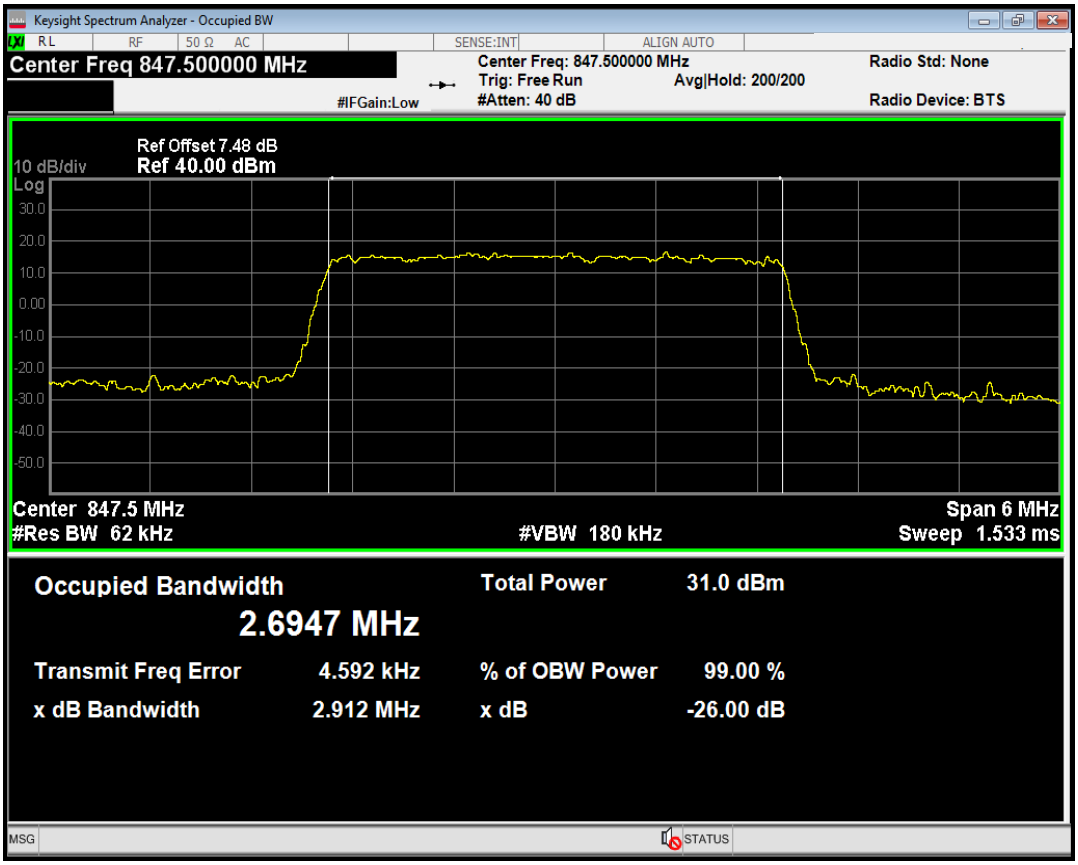

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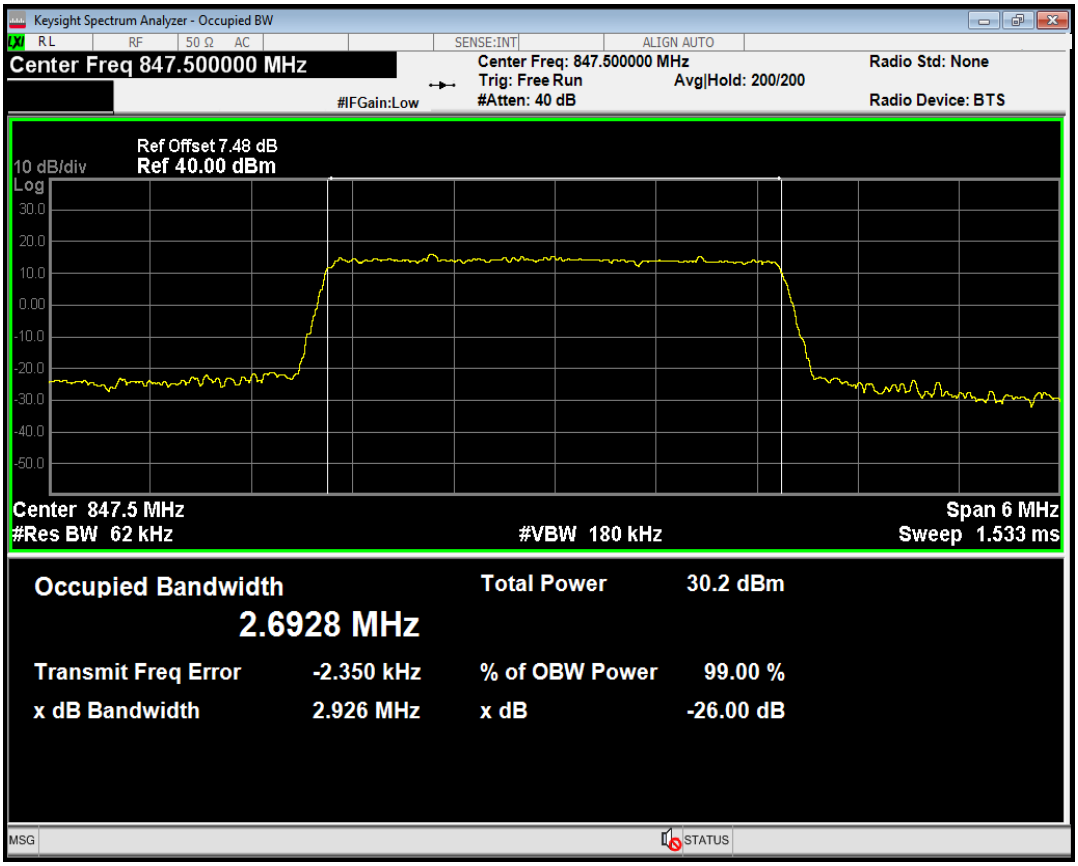
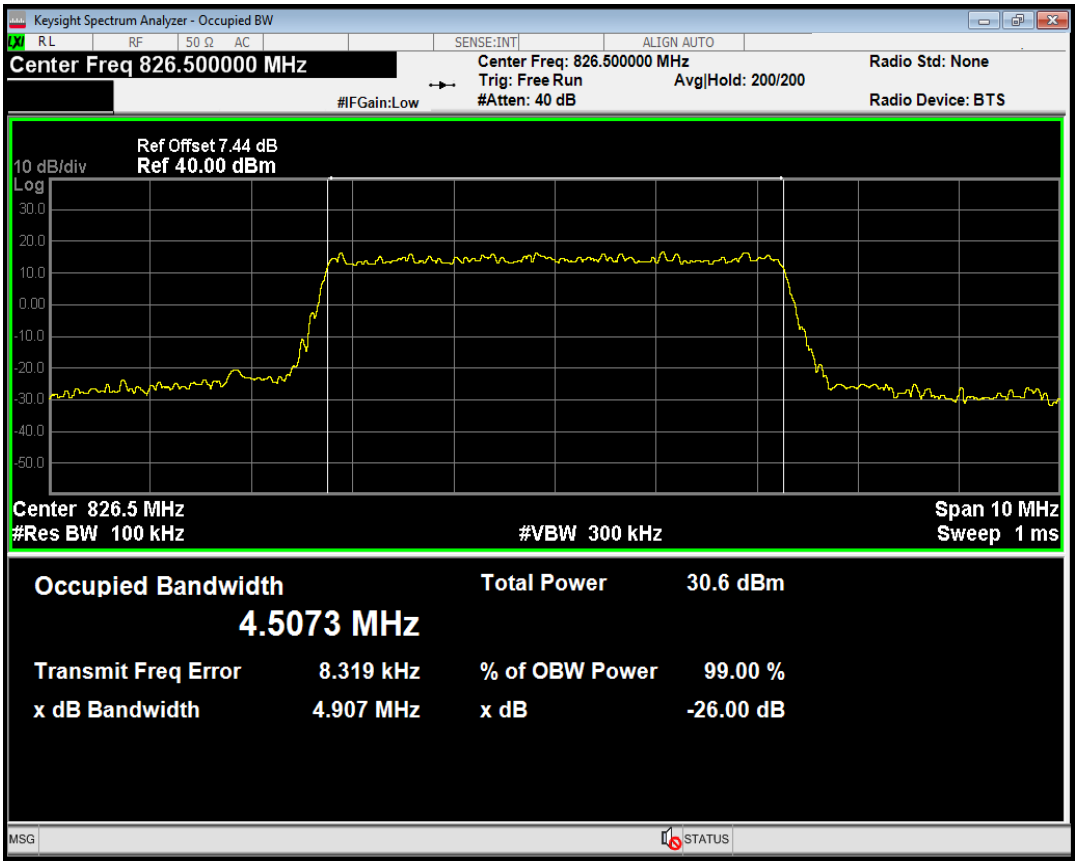
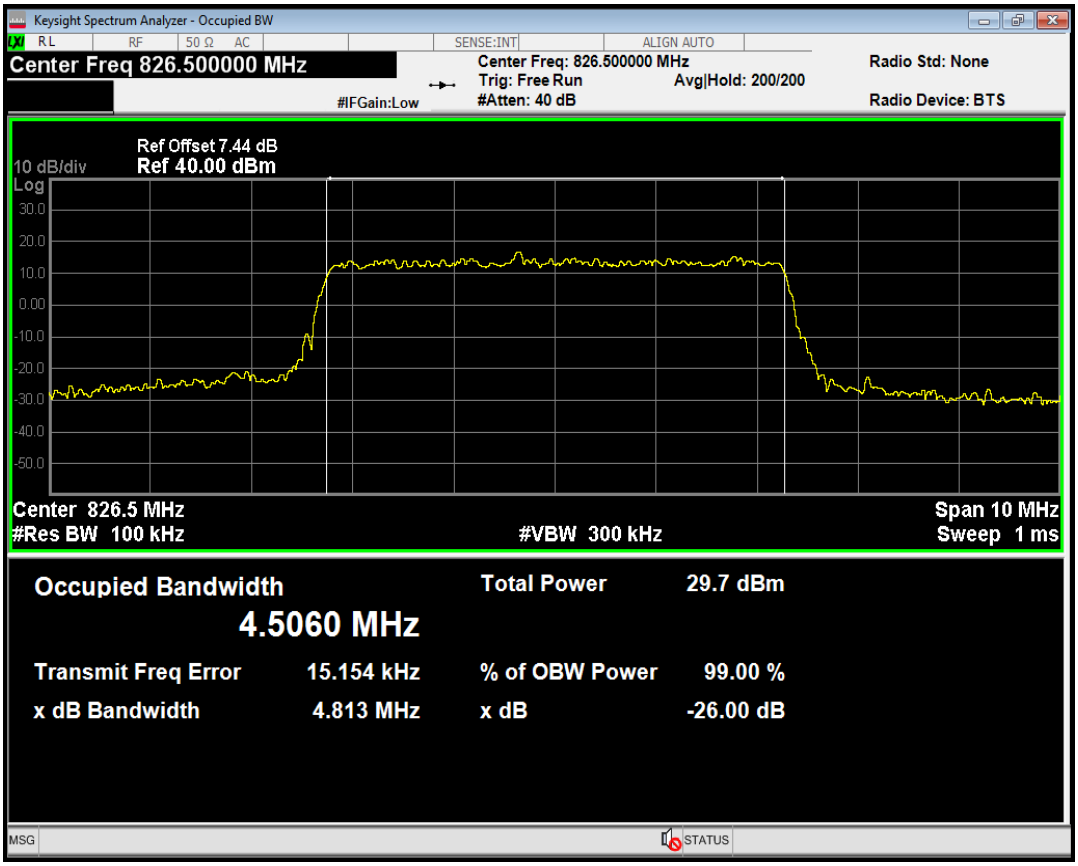


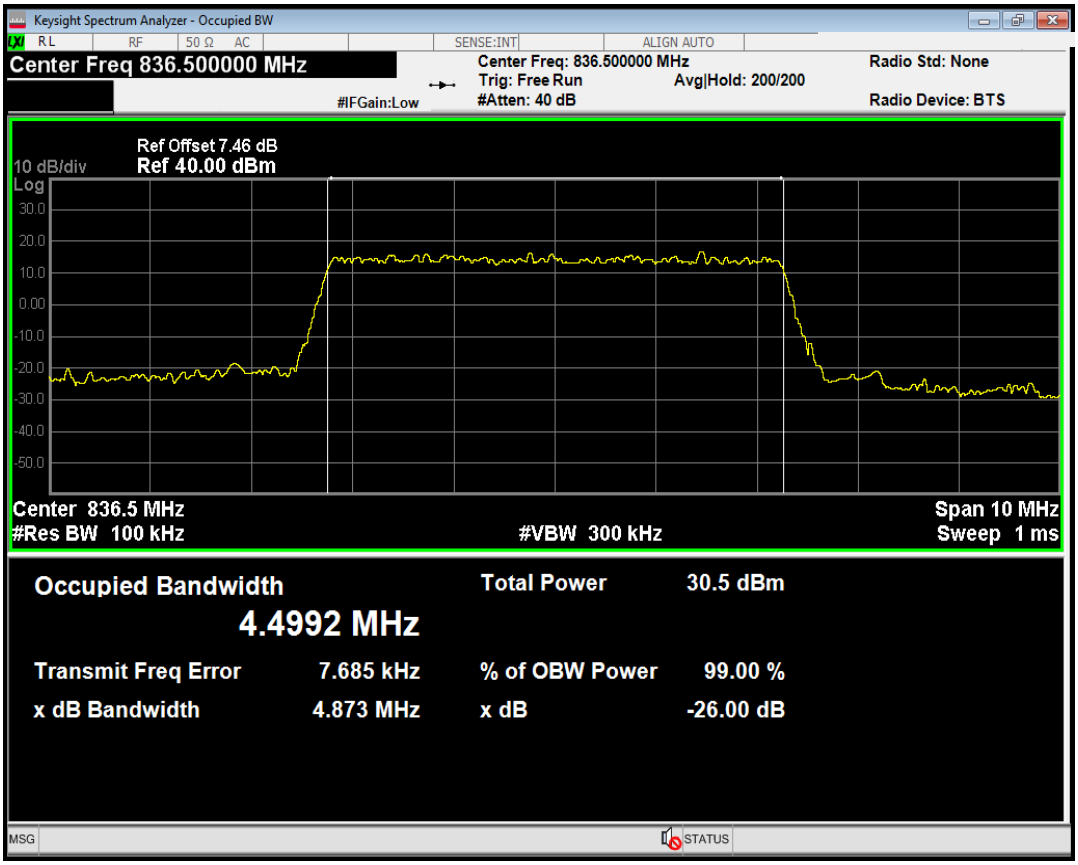
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



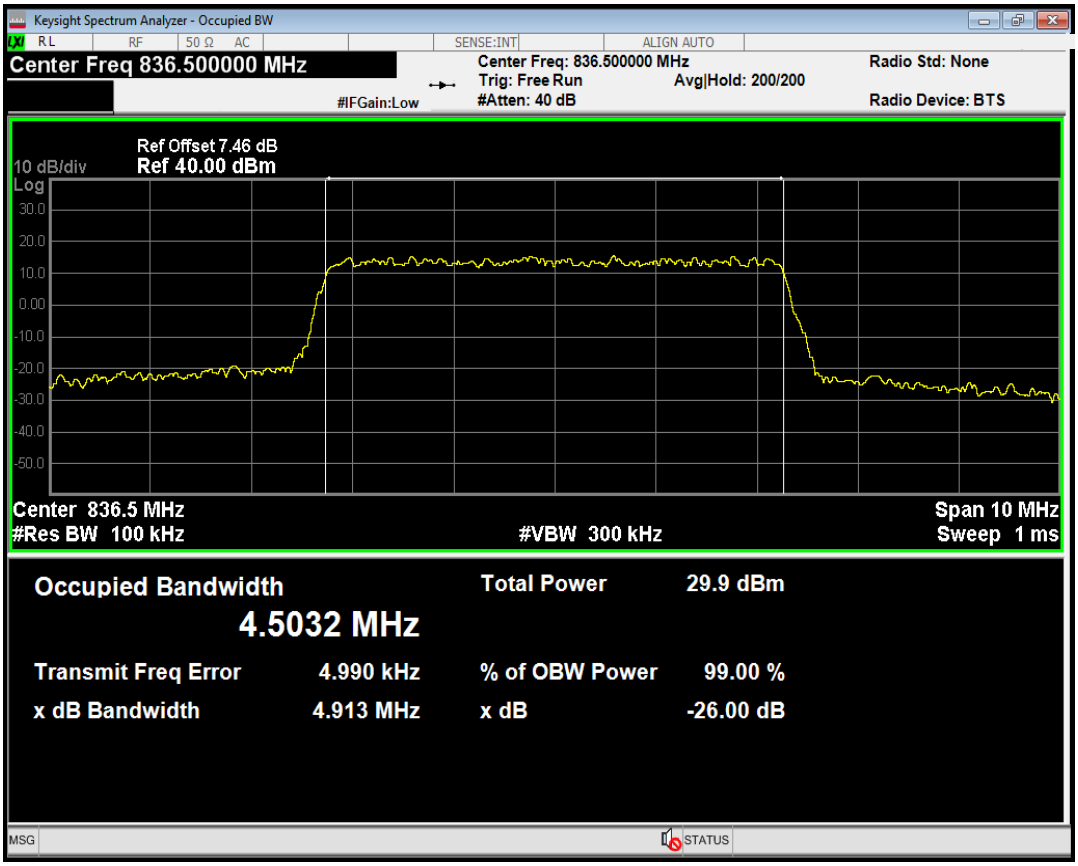
Band5 QAM16 BW=5MHz Channel=20425 RB Size=25 Position=#0



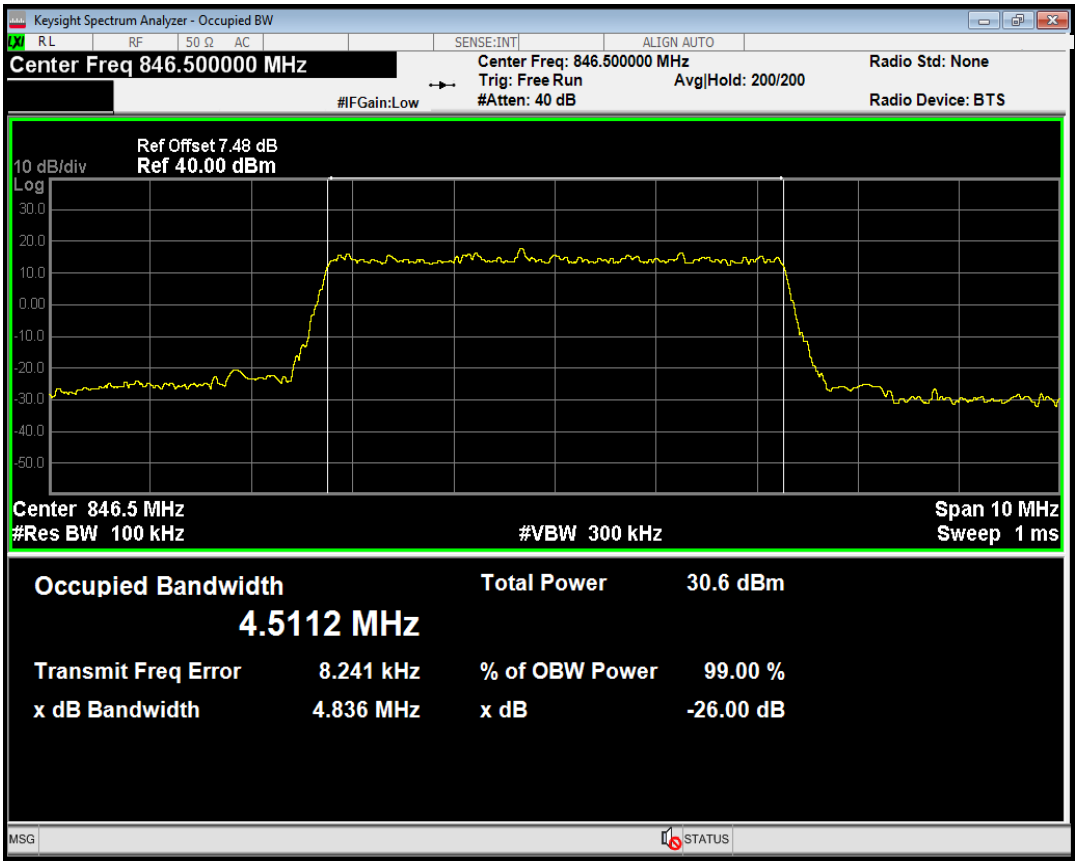
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



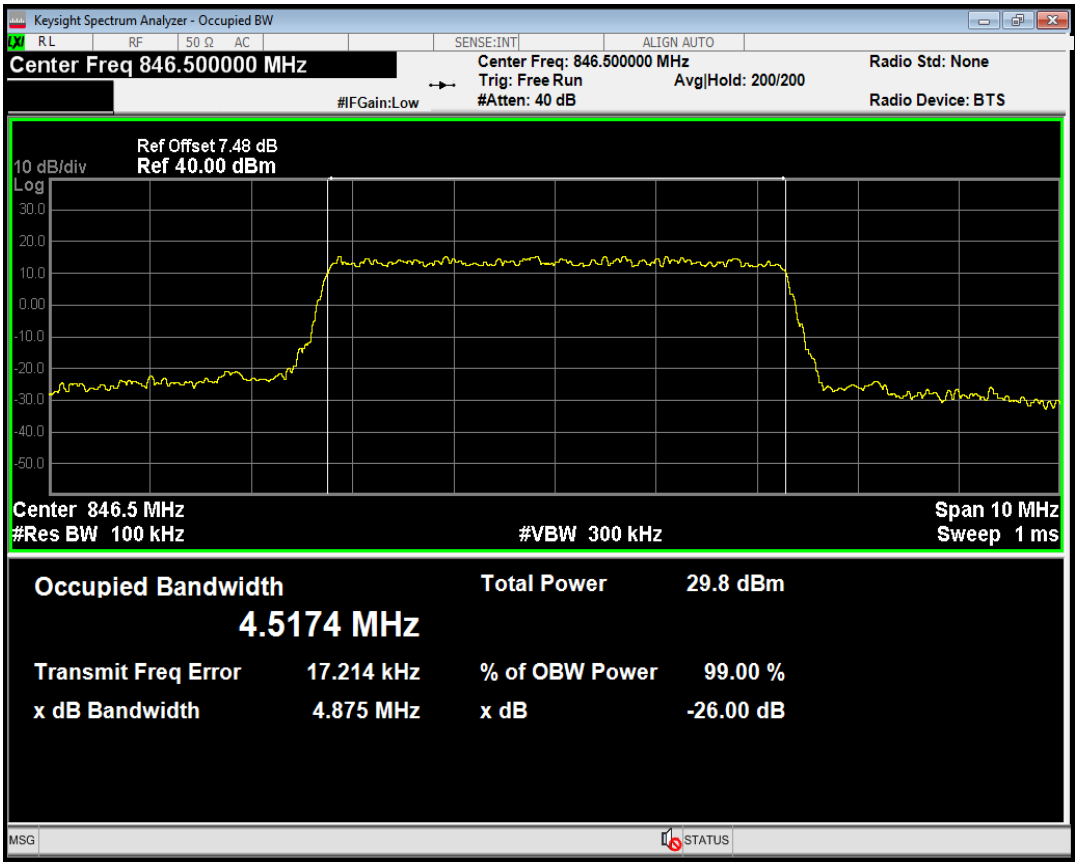
Band5 QAM16 BW=5MHz Channel=20525 RB Size=25 Position=#0



Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



Band5 QAM16 BW=5MHz Channel=20625 RB Size=25 Position=#0



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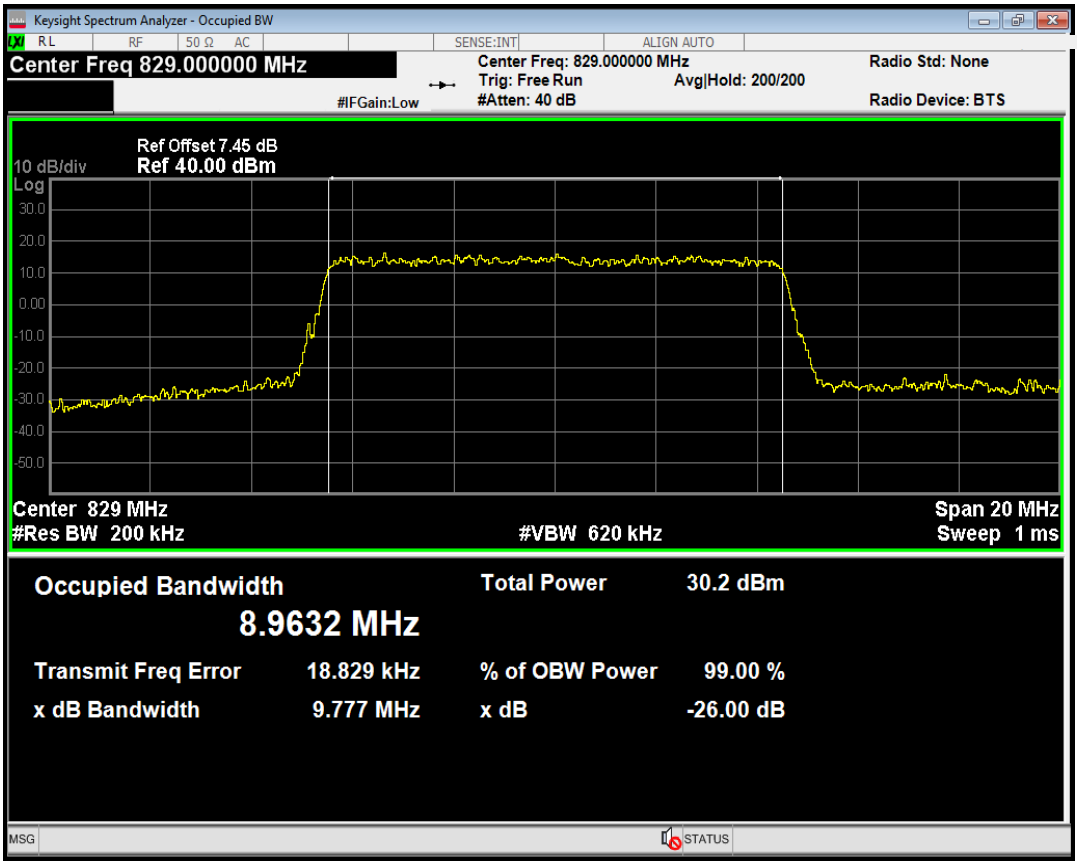
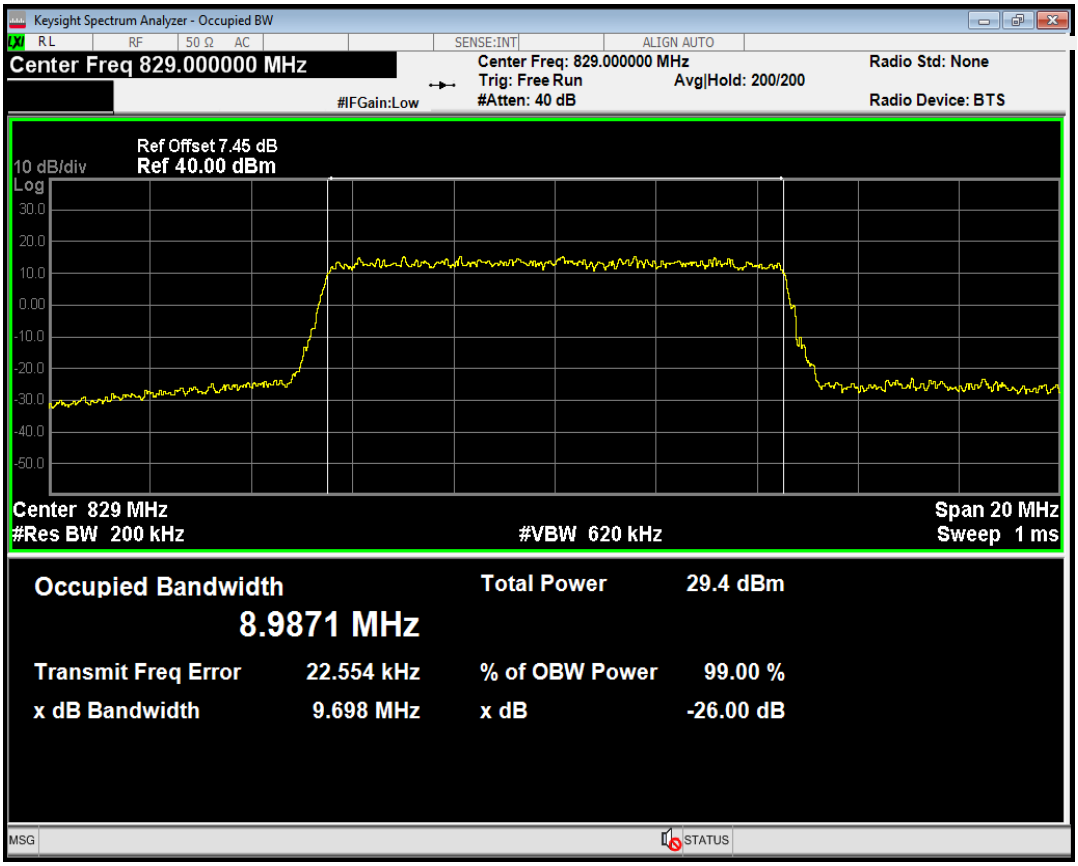
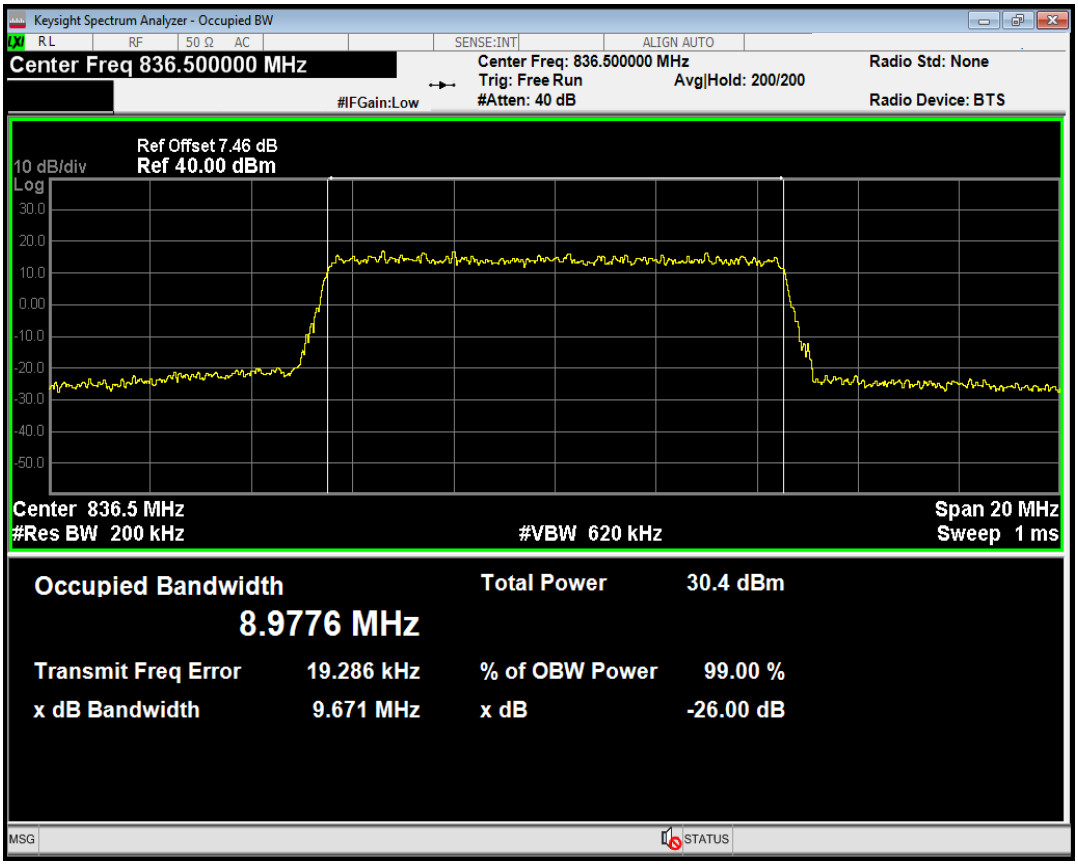


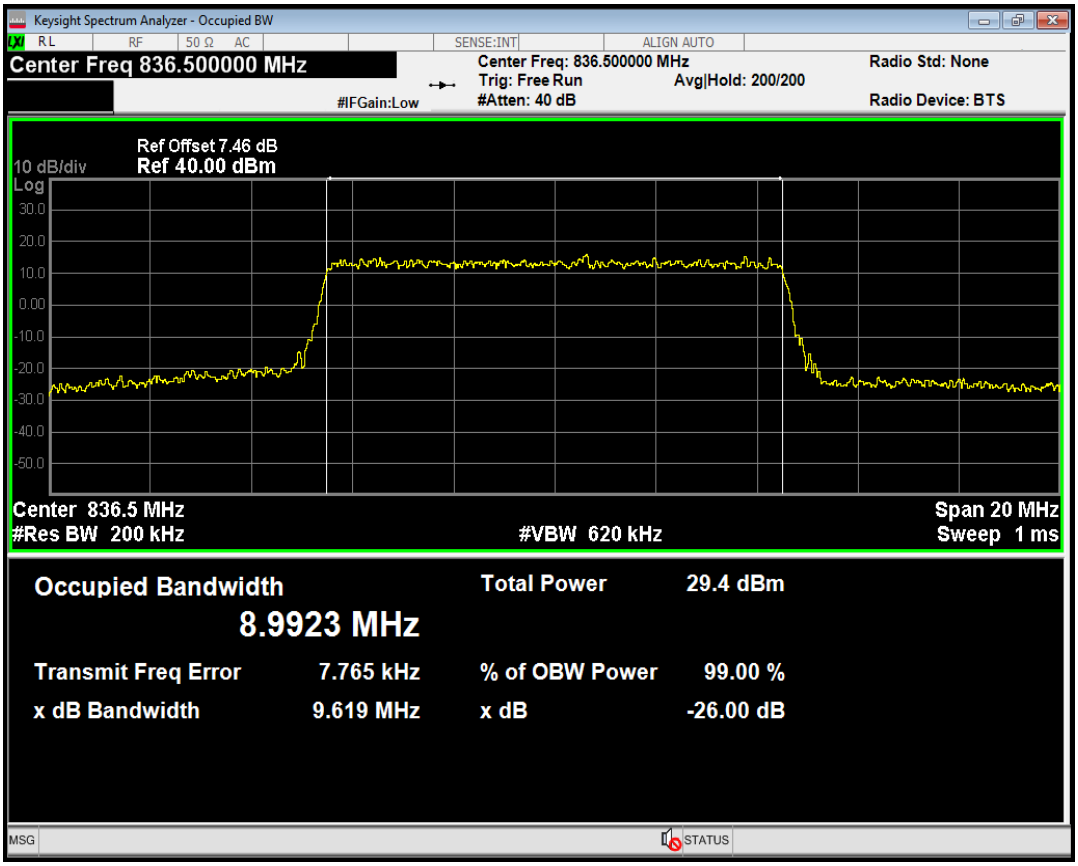
Band5 QAM16 BW=10MHz Channel=20450 RB Size=50 Position=#0



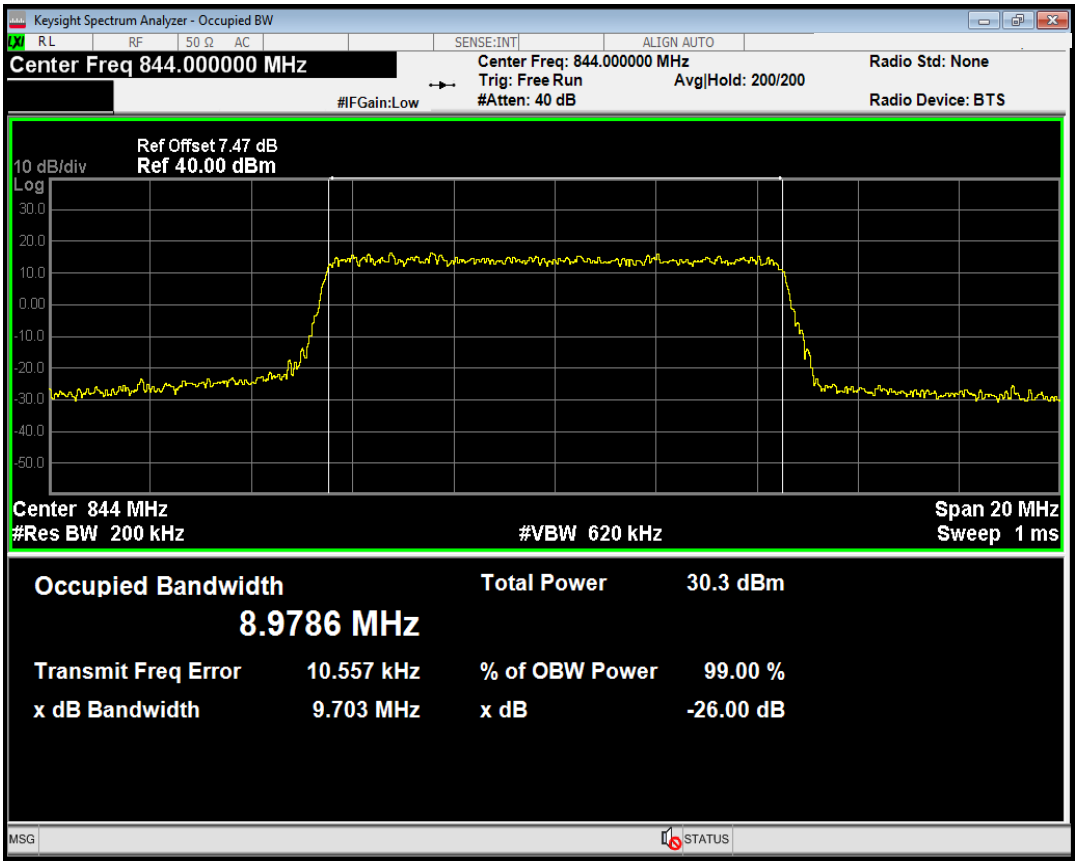
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



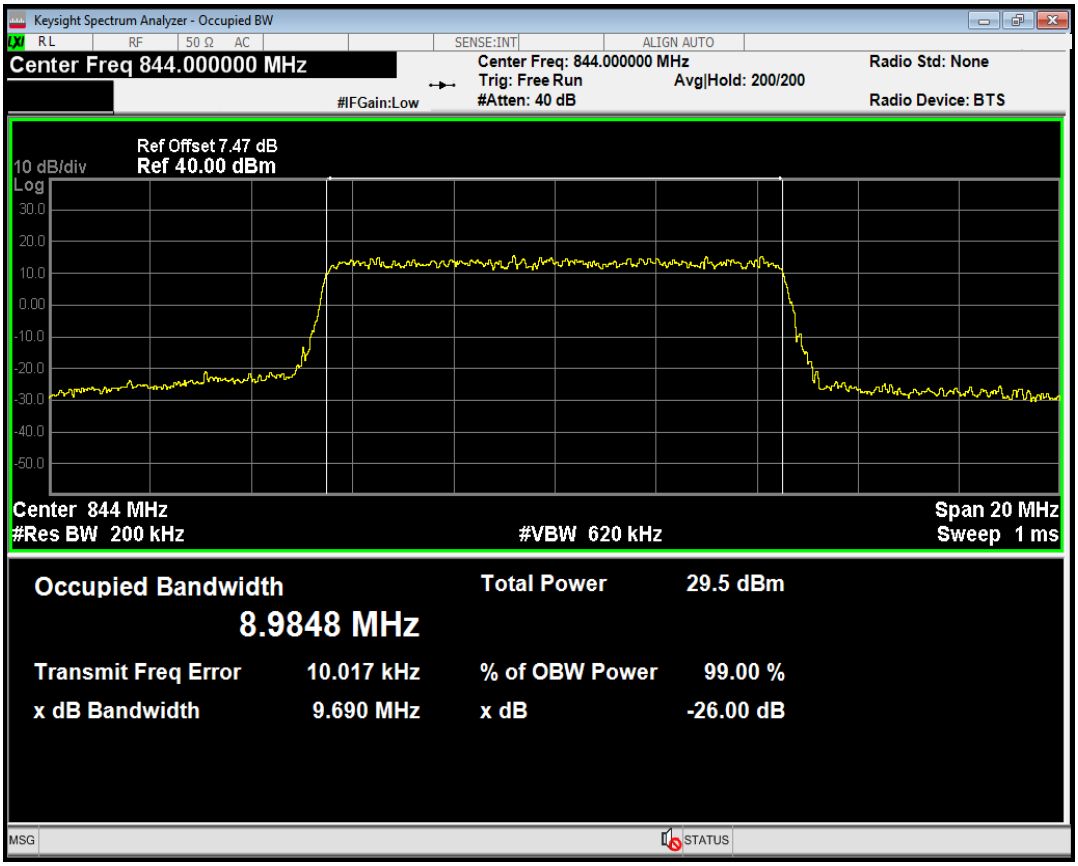
Band5 QAM16 BW=10MHz Channel=20525 RB Size=50 Position=#0



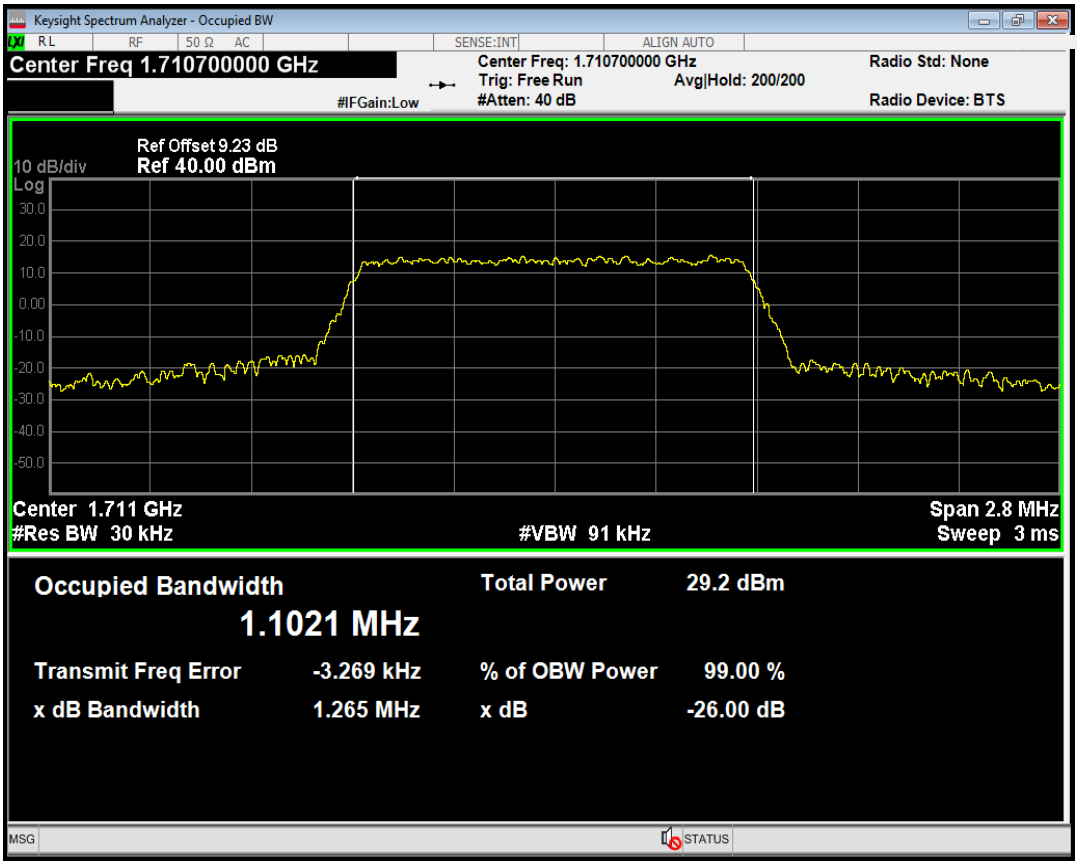
Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0



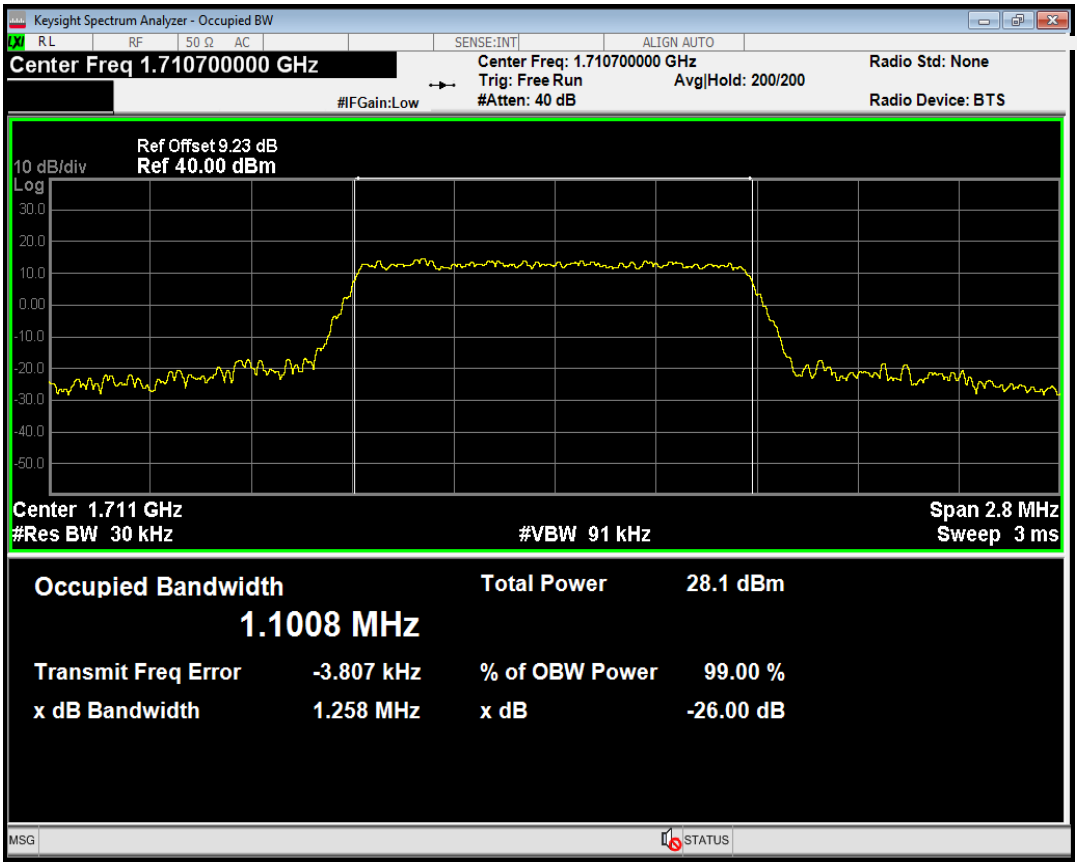
Band5 QAM16 BW=10MHz Channel=20600 RB Size=50 Position=#0



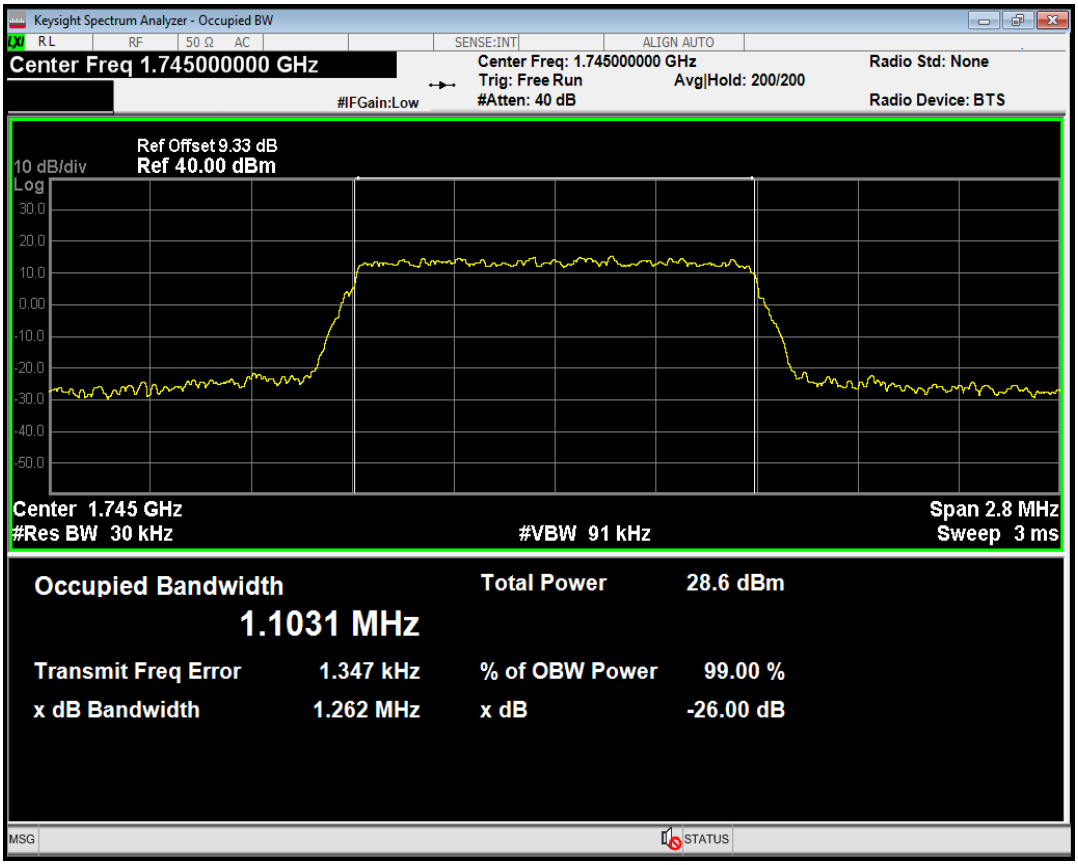
Band66 QPSK BW=1.4MHz Channel=131979 RB Size=6 Position=#0



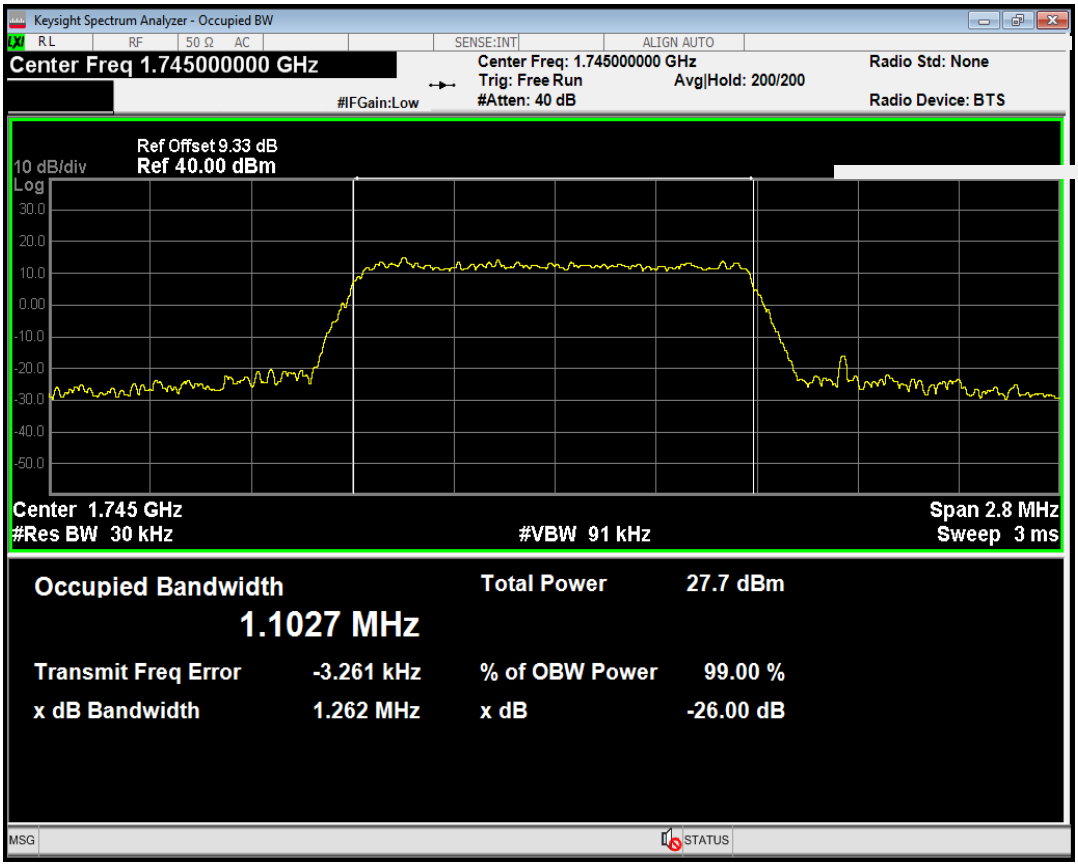
Band66 QAM16 BW=1.4MHz Channel=131979 RB Size=6 Position=#0



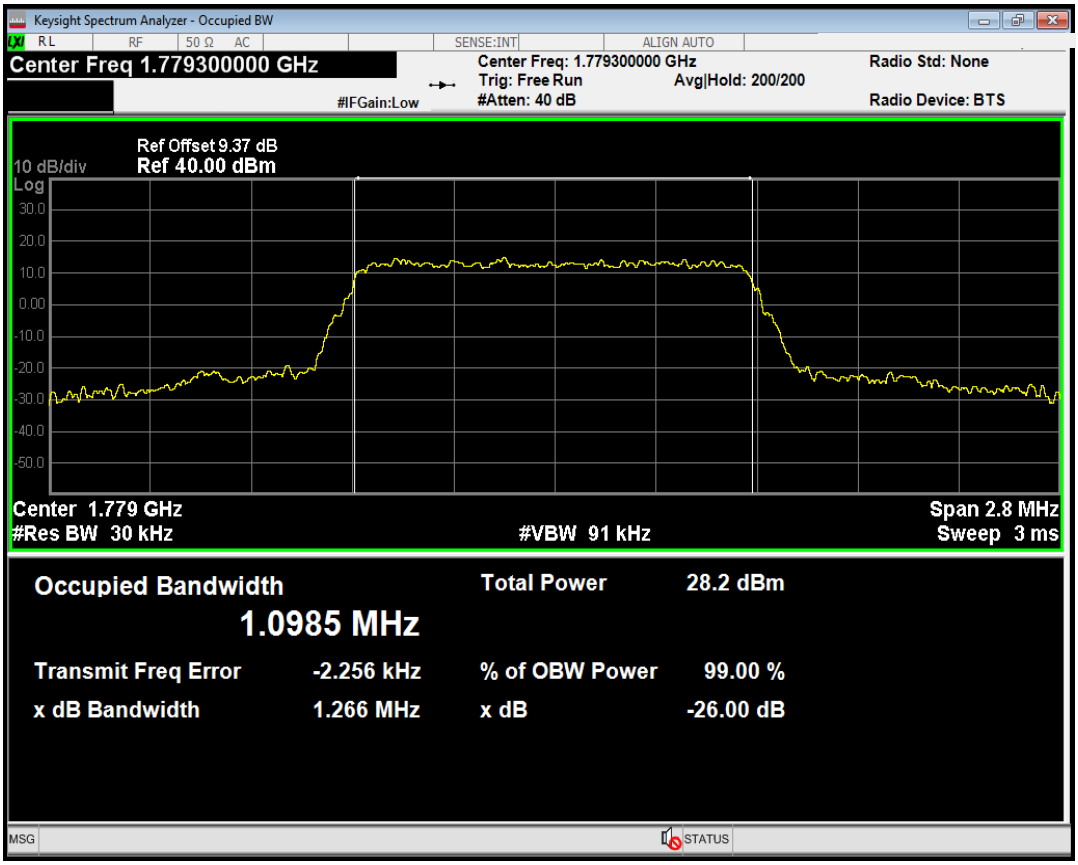
Band66 QPSK BW=1.4MHz Channel=132322 RB Size=6 Position=#0



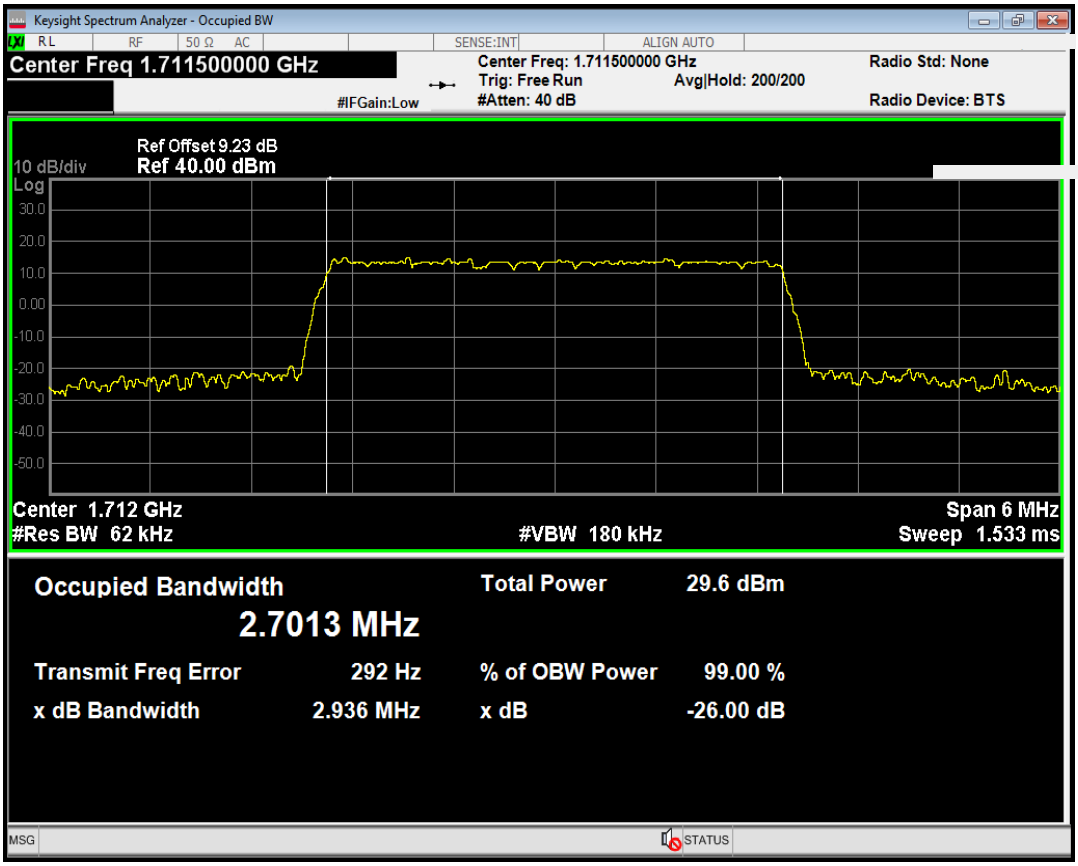
Band66 QAM16 BW=1.4MHz Channel=132322 RB Size=6 Position=#0



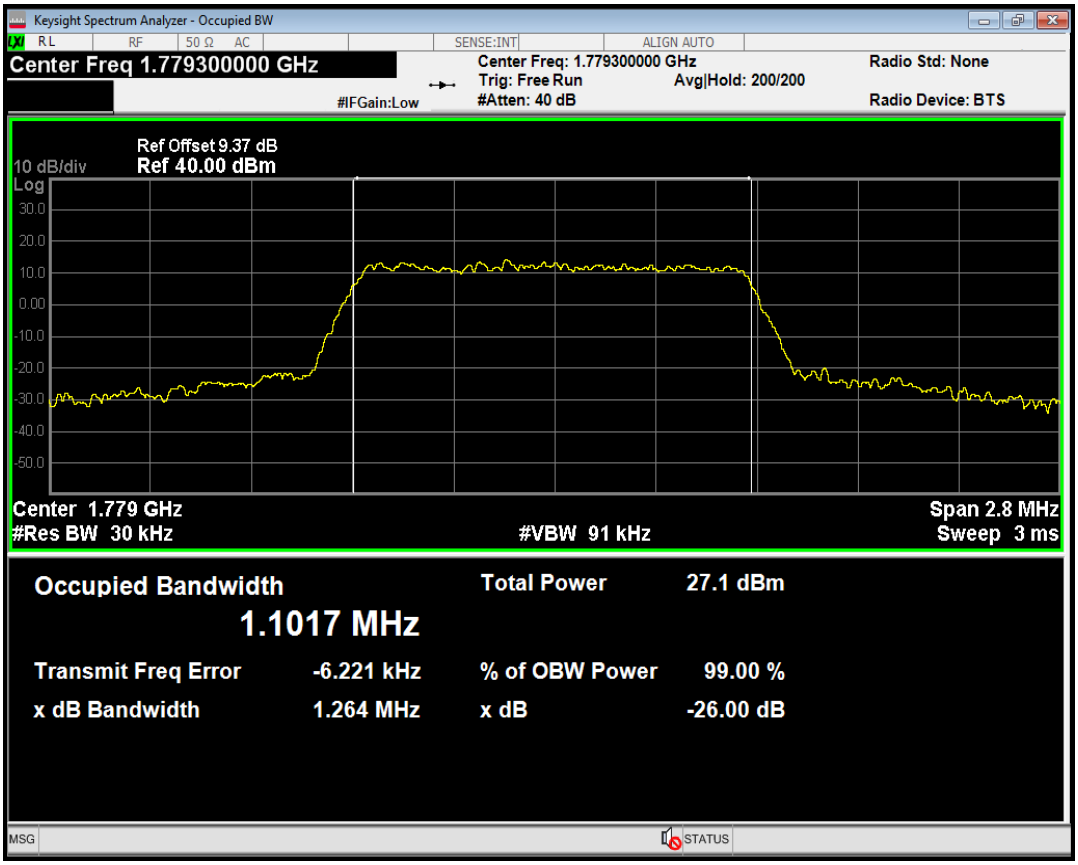
Band66 QPSK BW=1.4MHz Channel=132665 RB Size=6 Position=#0



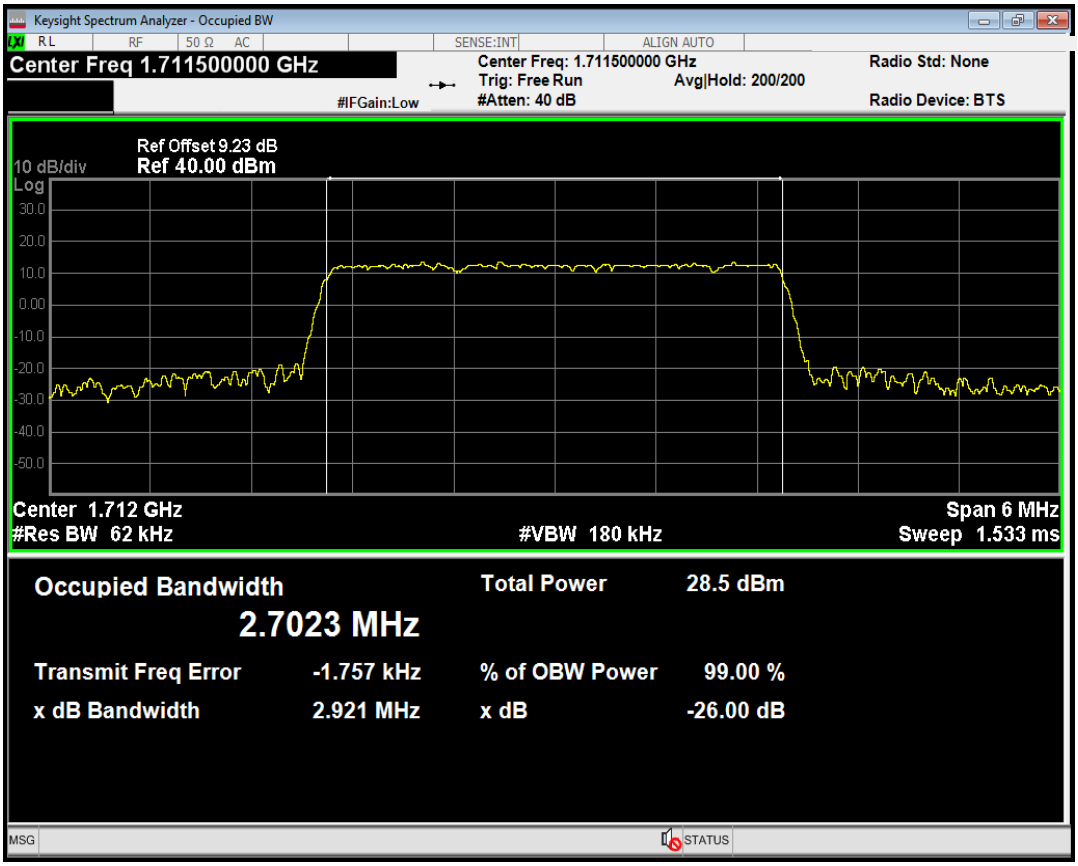
Band66 QPSK BW=3MHz Channel=131987 RB Size=15 Position=#0



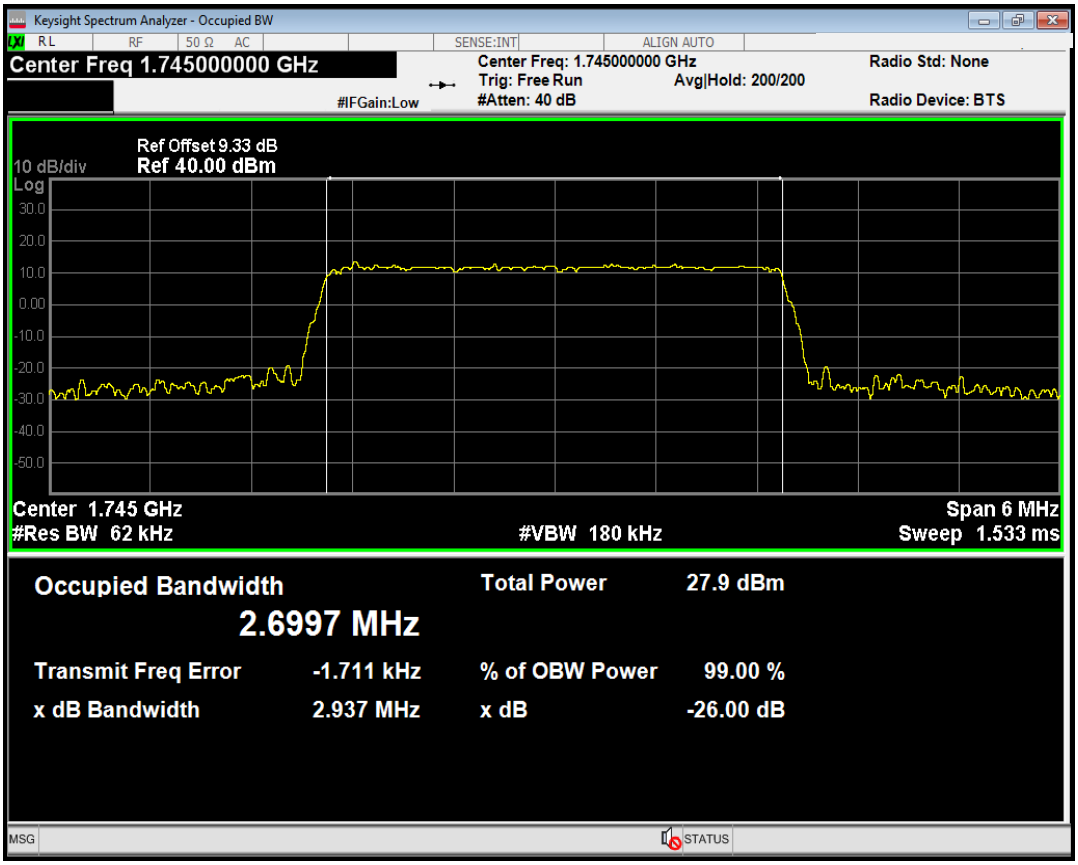
Band66 QAM16 BW=1.4MHz Channel=132665 RB Size=6 Position=#0



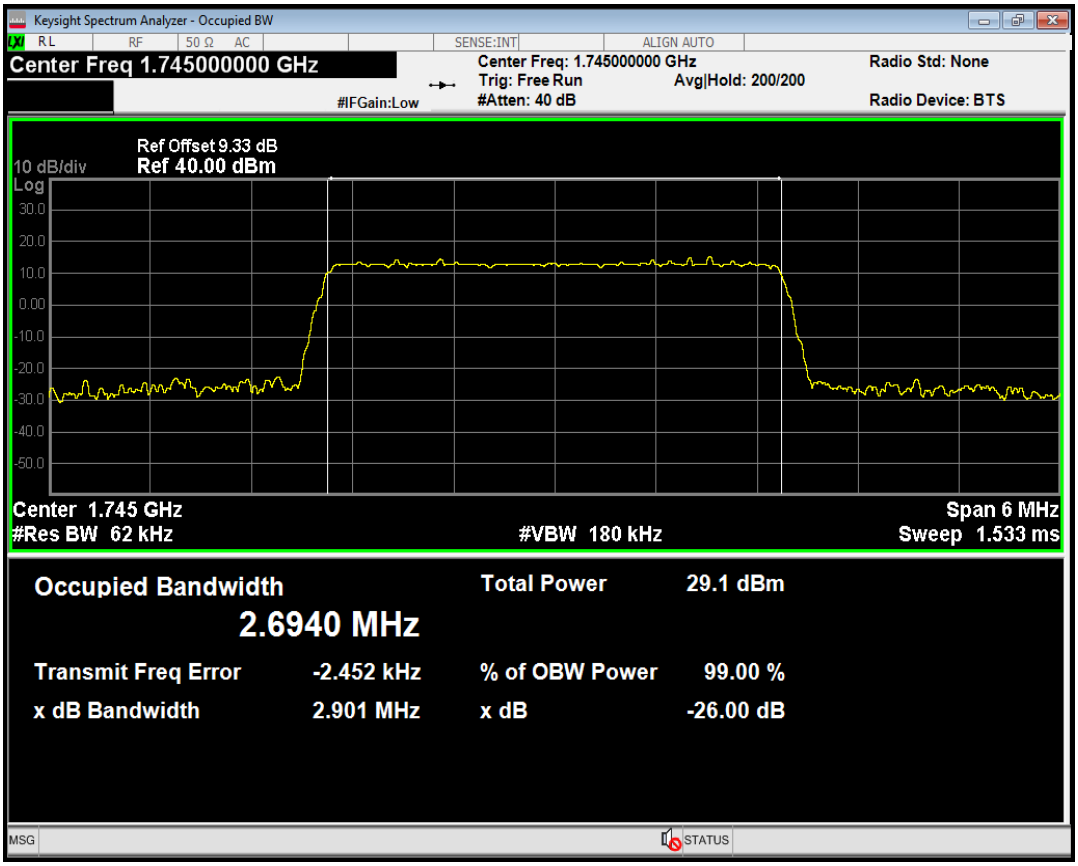
Band66 QAM16 BW=3MHz Channel=131987 RB Size=15 Position=#0



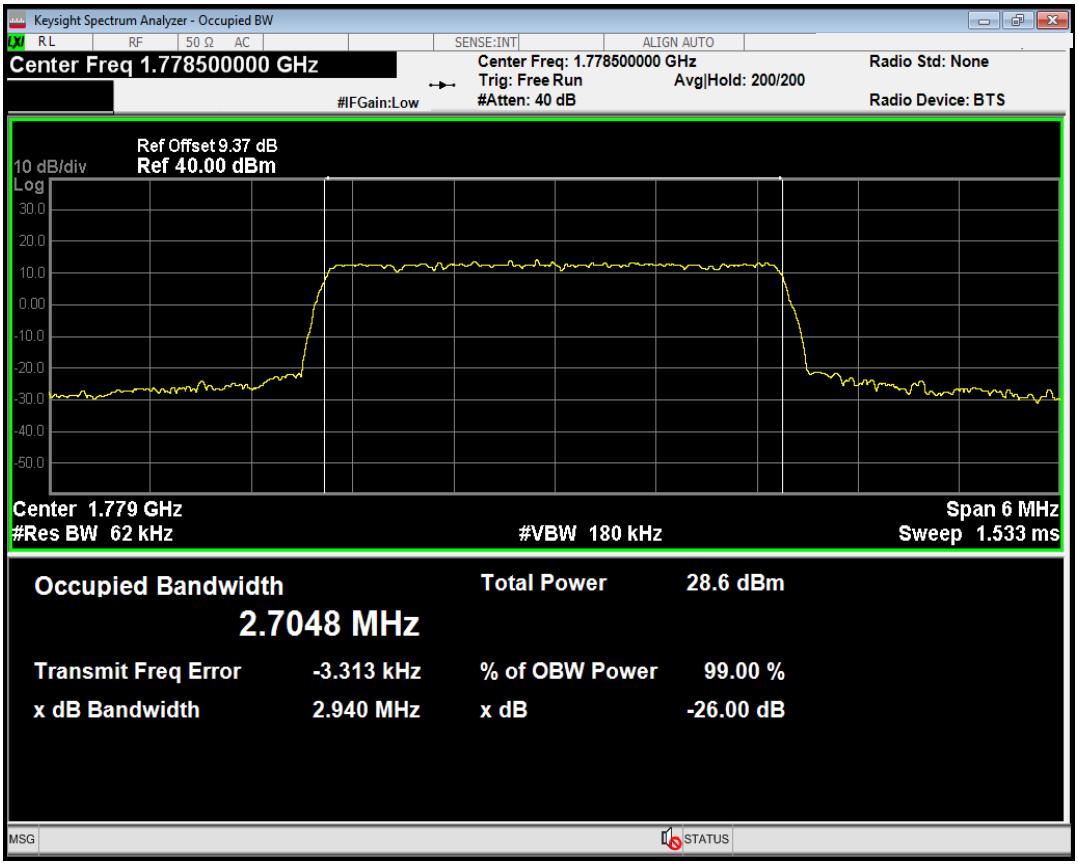
Band66 QAM16 BW=3MHz Channel=132322 RB Size=15 Position=#0



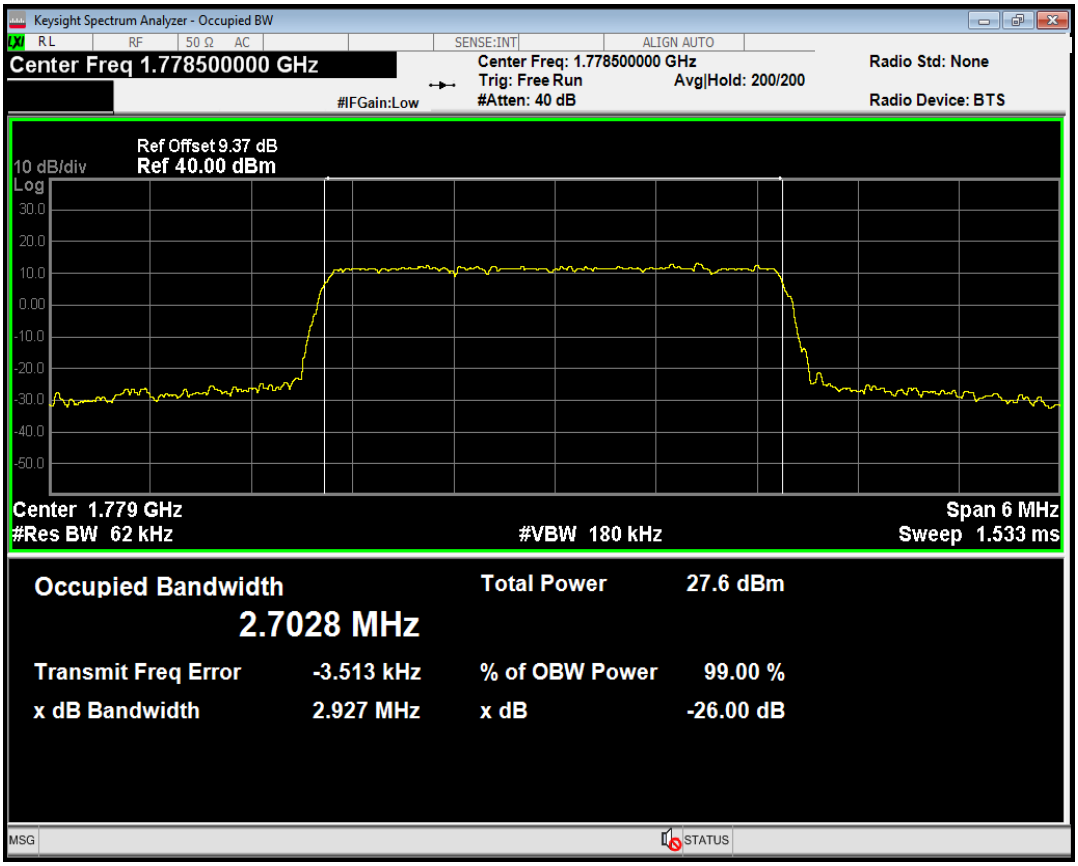
Band66 QPSK BW=3MHz Channel=132322 RB Size=15 Position=#0



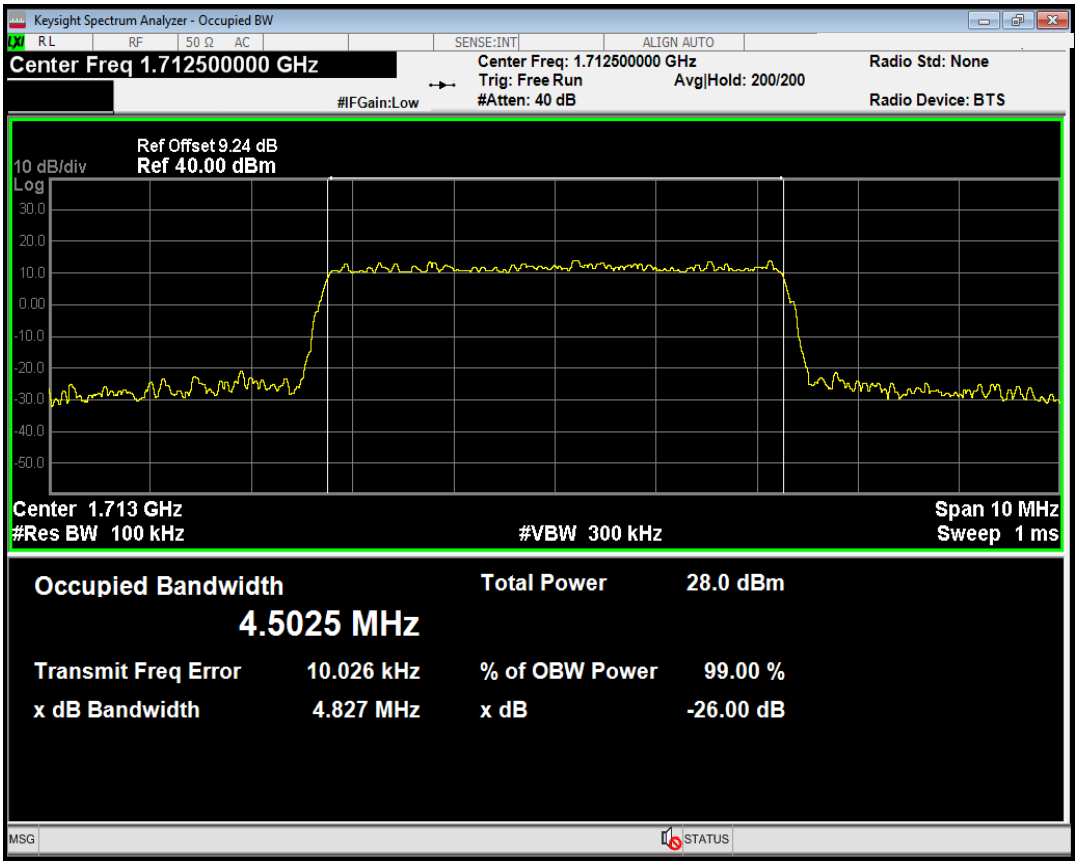
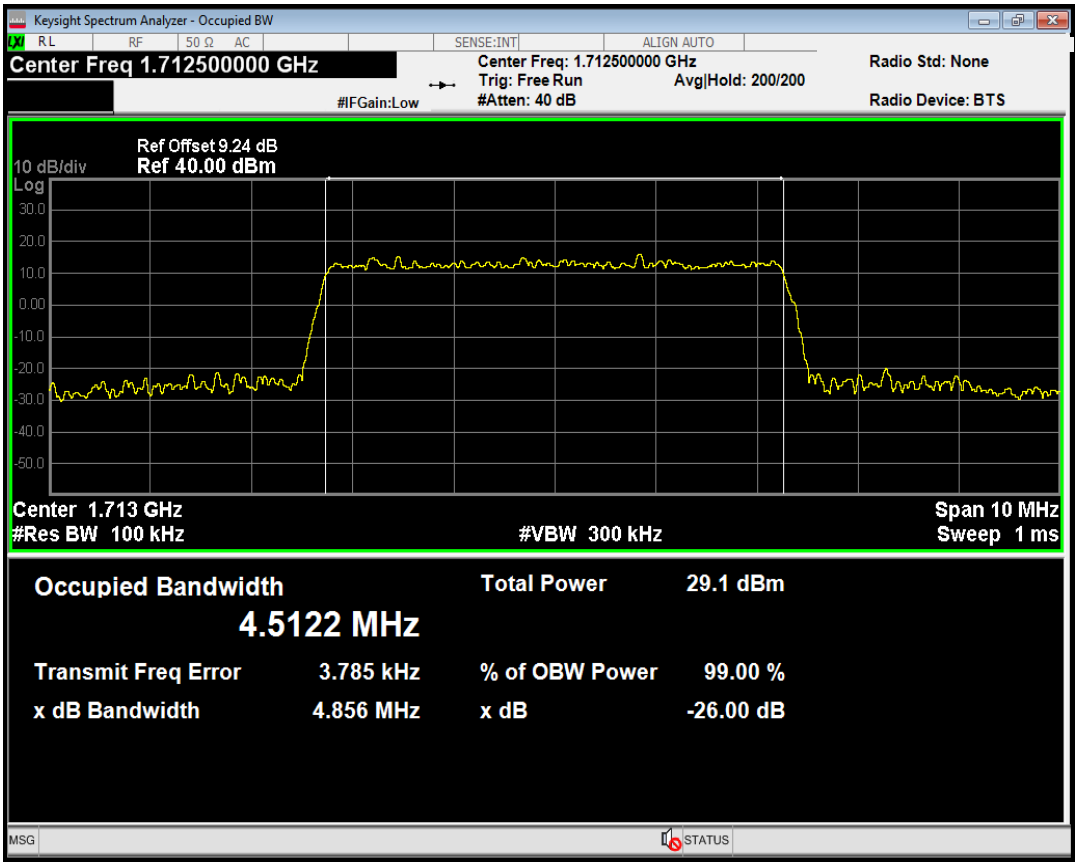
Band66 QPSK BW=3MHz Channel=132657 RB Size=15 Position=#0



Band66 QAM16 BW=3MHz Channel=132657 RB Size=15 Position=#0



Band66 QAM16 BW=5MHz Channel=131997 RB Size=25 Position=#0



Band66 QPSK BW=5MHz Channel=131997 RB Size=25 Position=#0