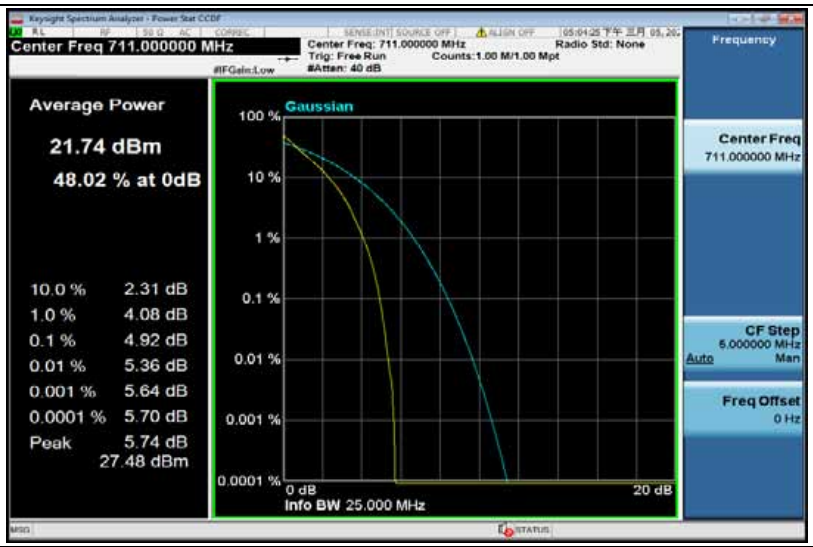
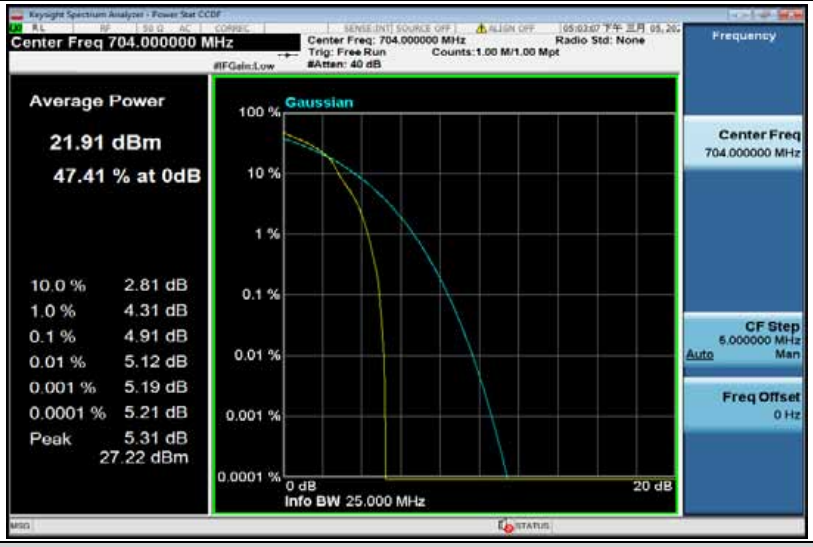


Band12-10MHz-16QAM-23060-1RB#0



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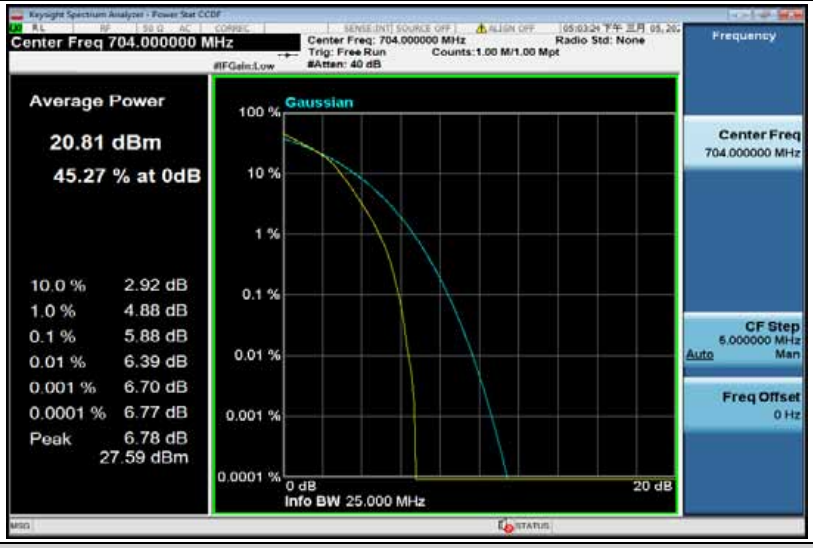

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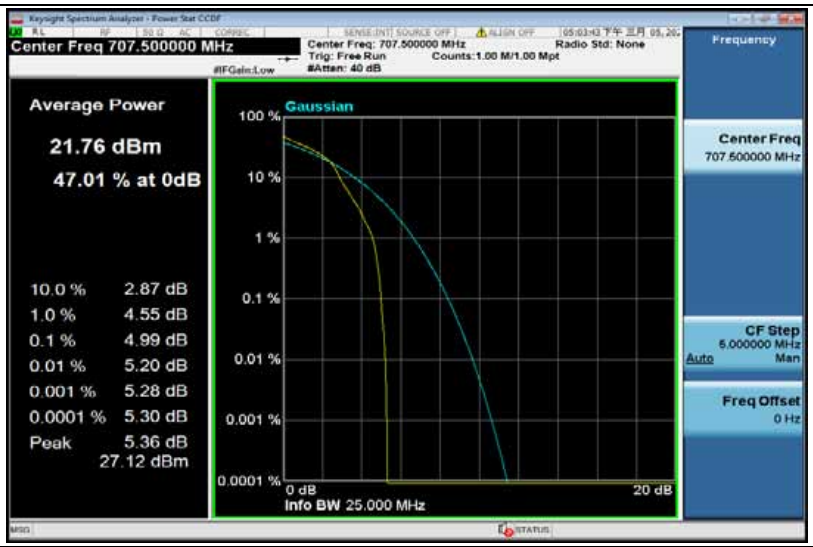

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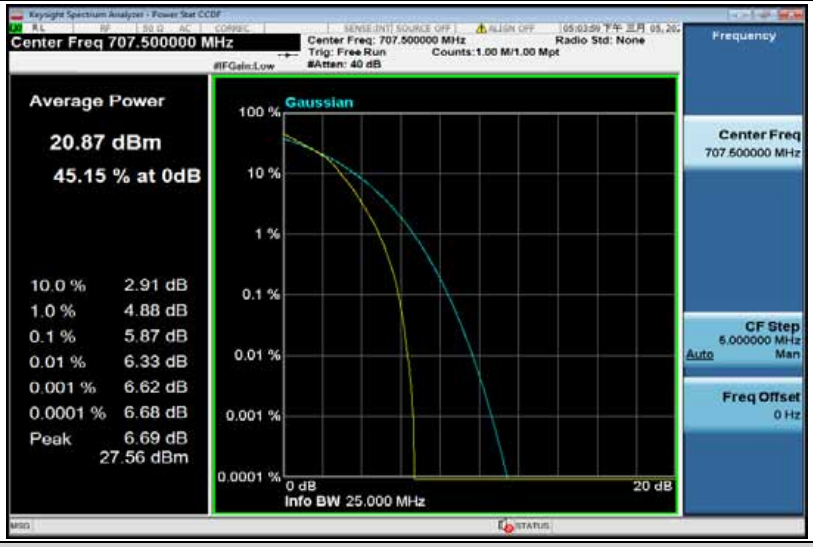
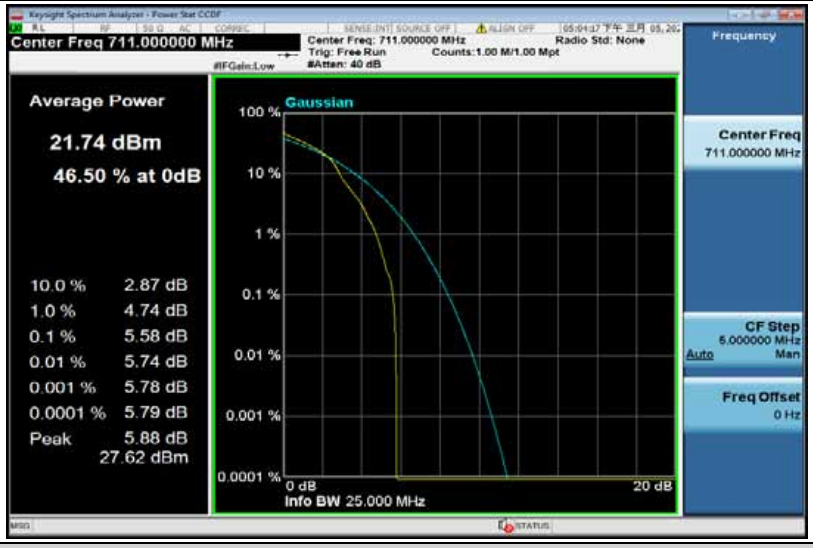


Band12-10MHz-16QAM-23130-1RB#0



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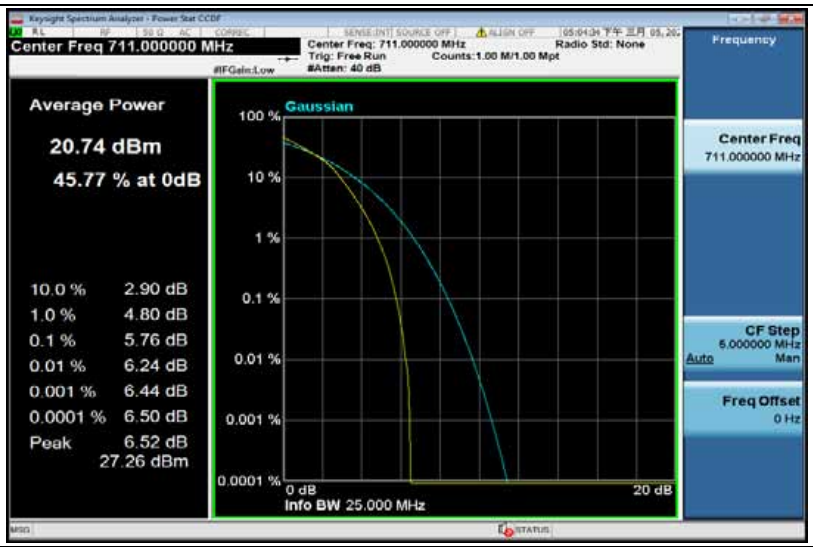
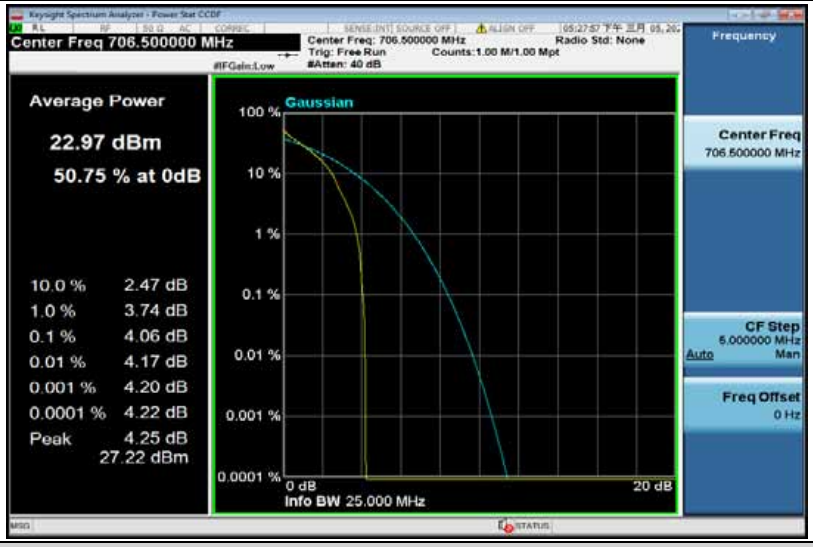


Band17-5MHz-QPSK-23755-1RB#0



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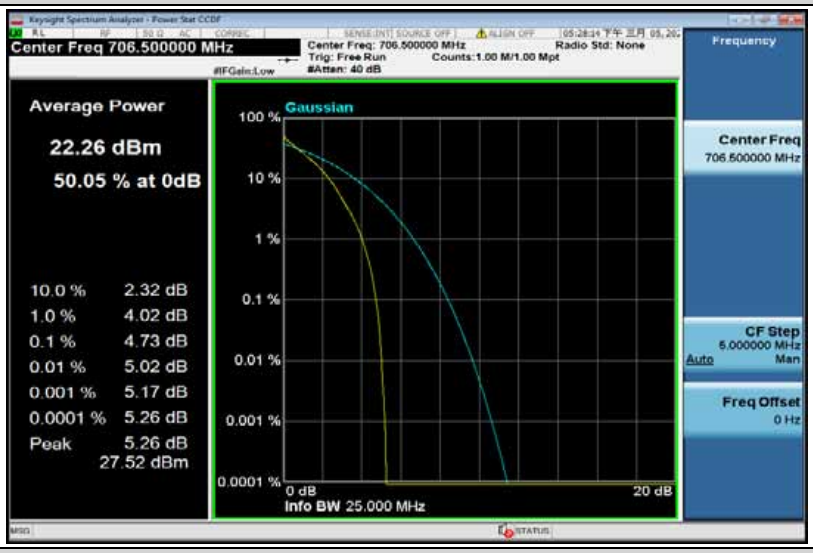
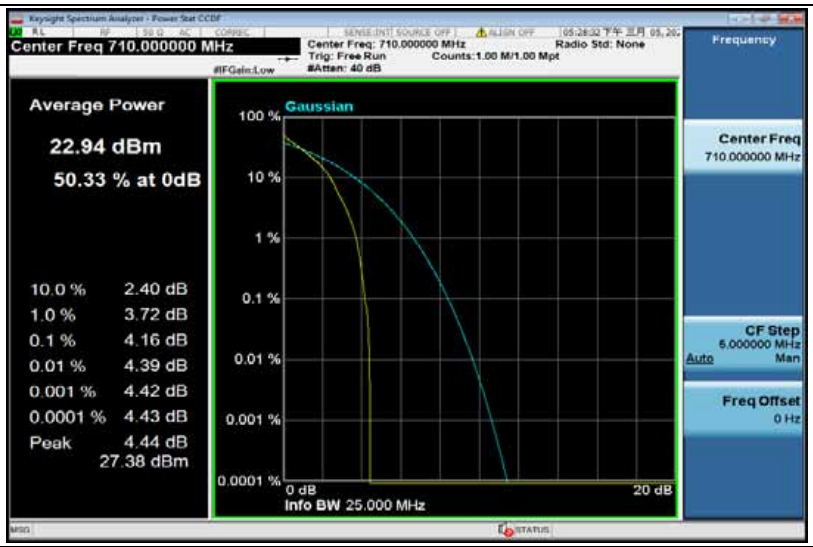


Band17-5MHz-QPSK-23790-1RB#0



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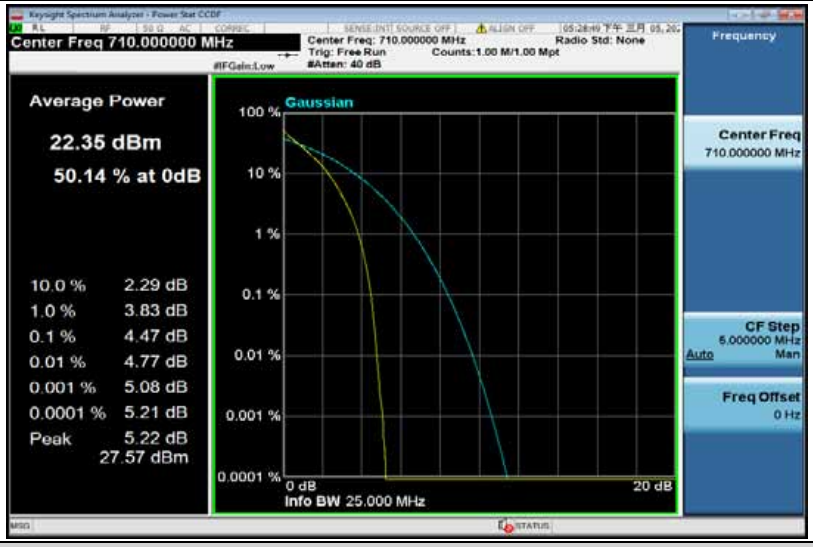

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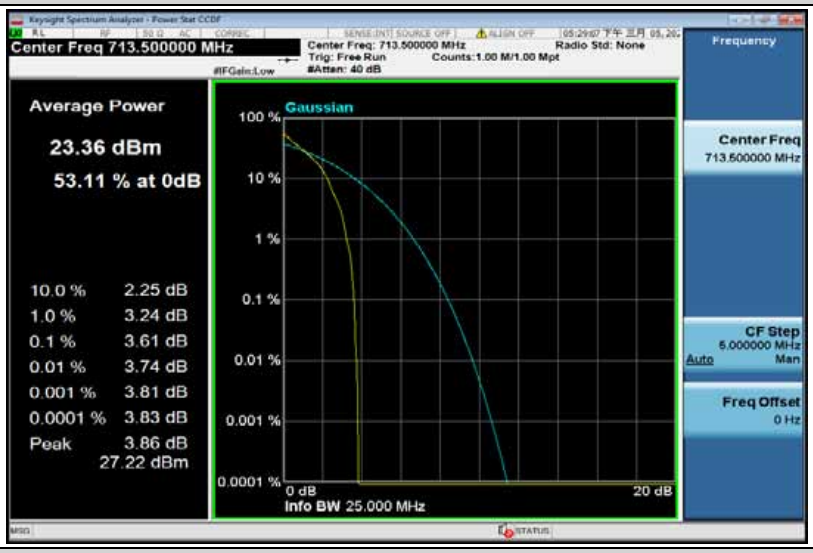

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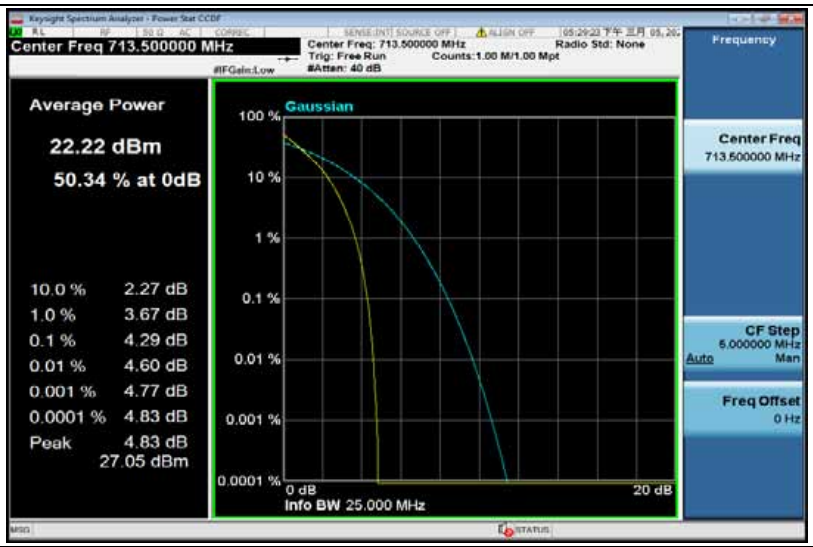

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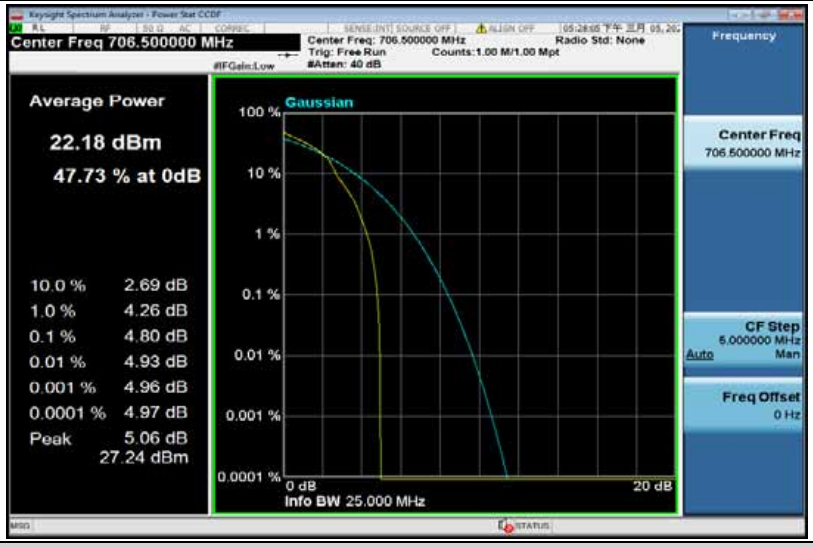

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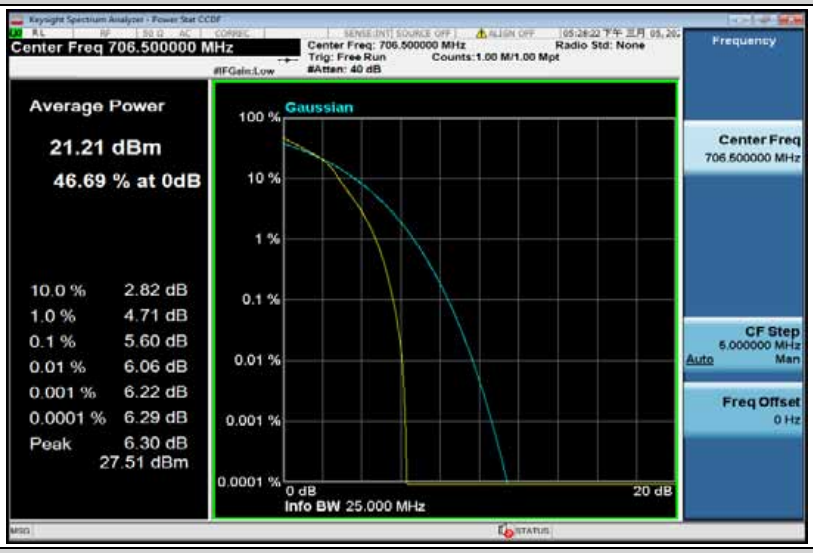

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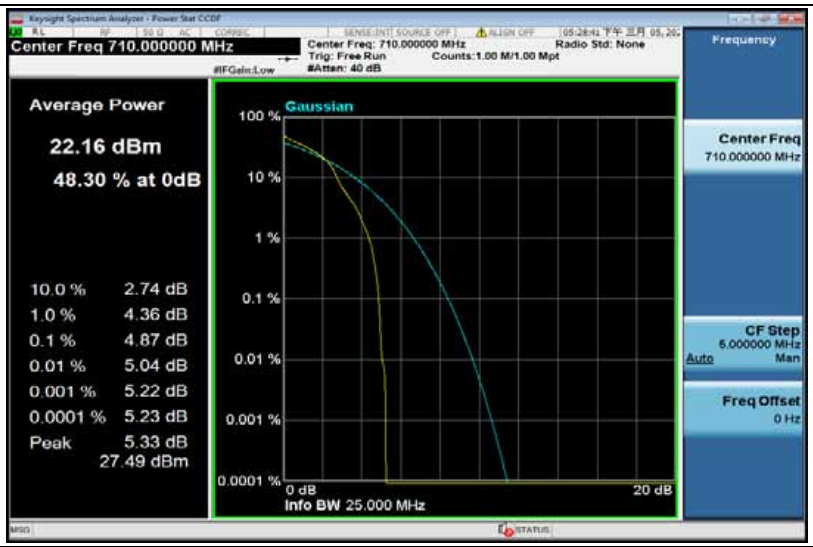

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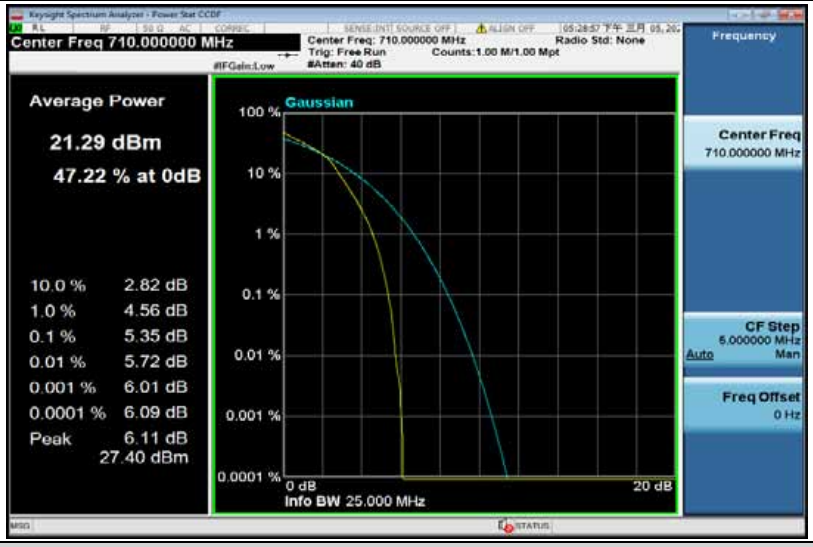

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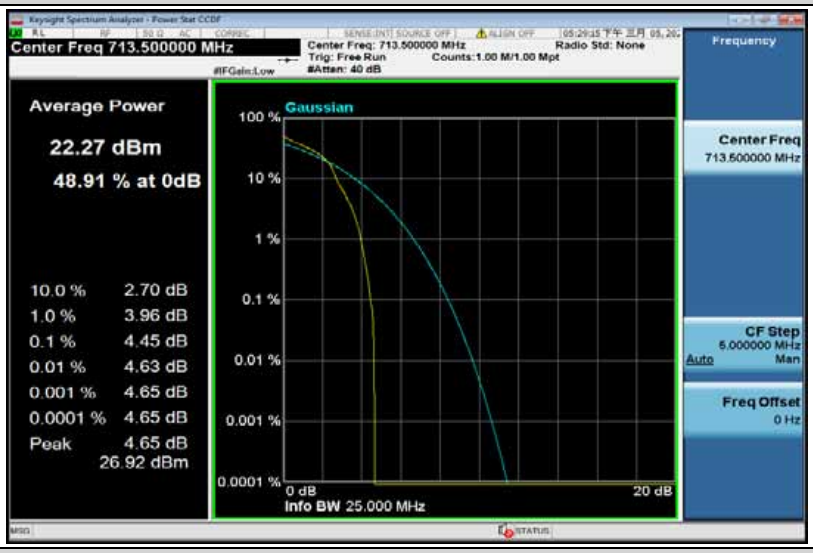
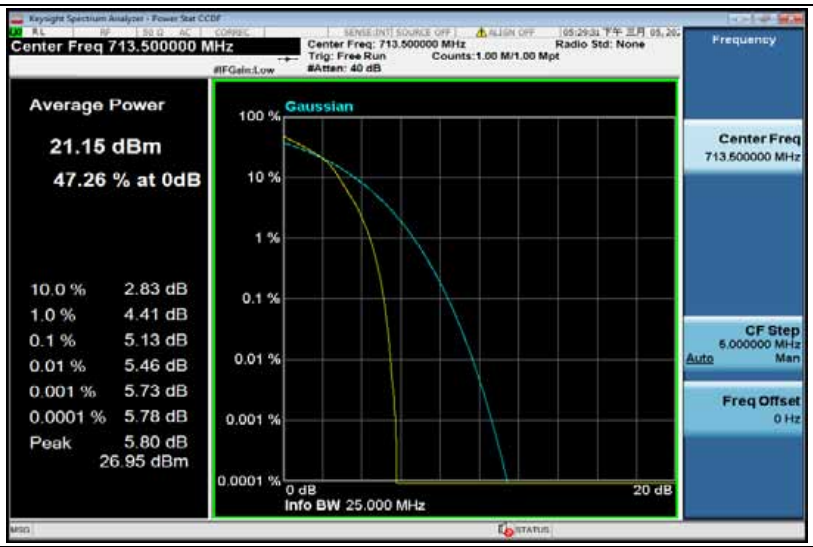


Band17-5MHz-16QAM-23825-25RB#0



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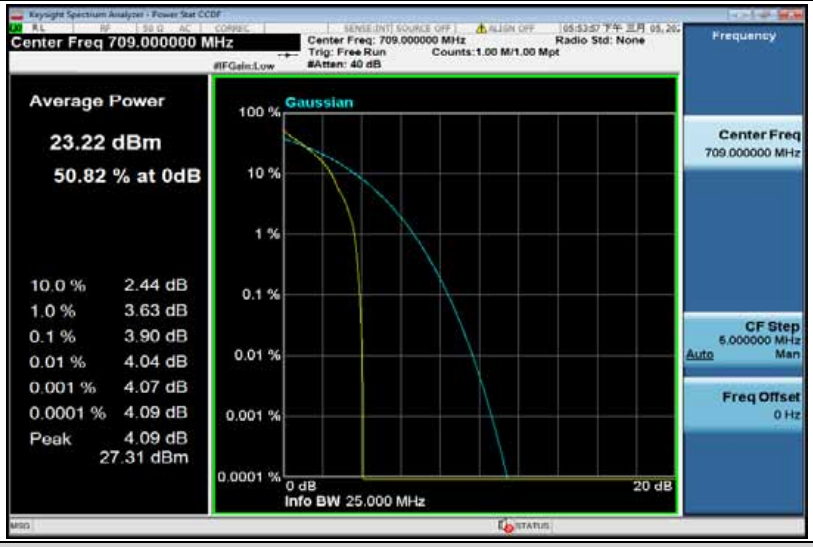
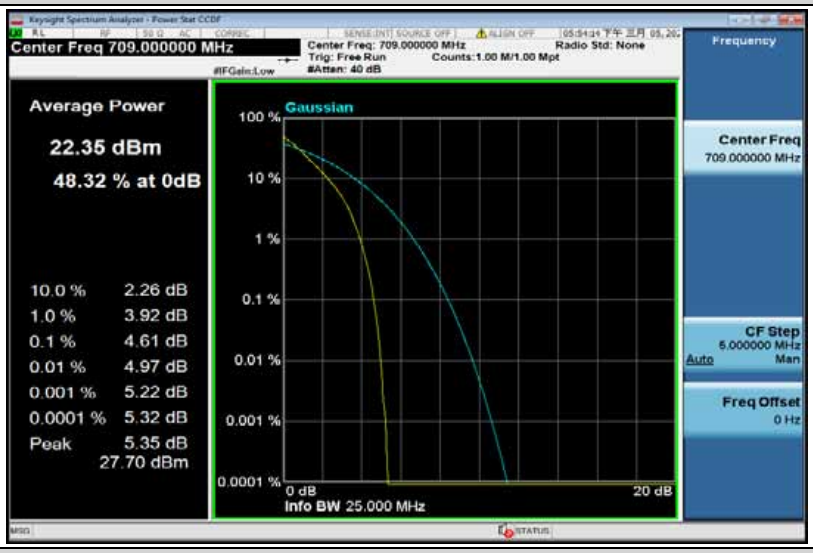


Band17-10MHz-QPSK-23780-50RB#0



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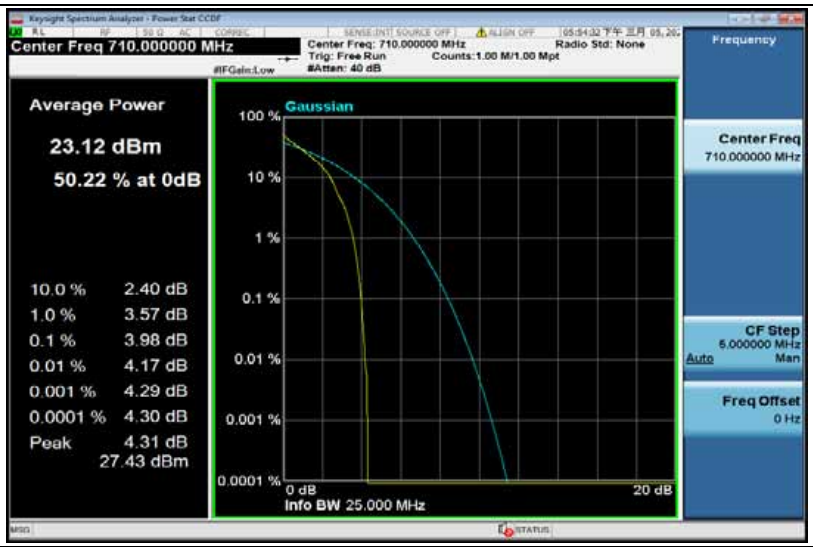

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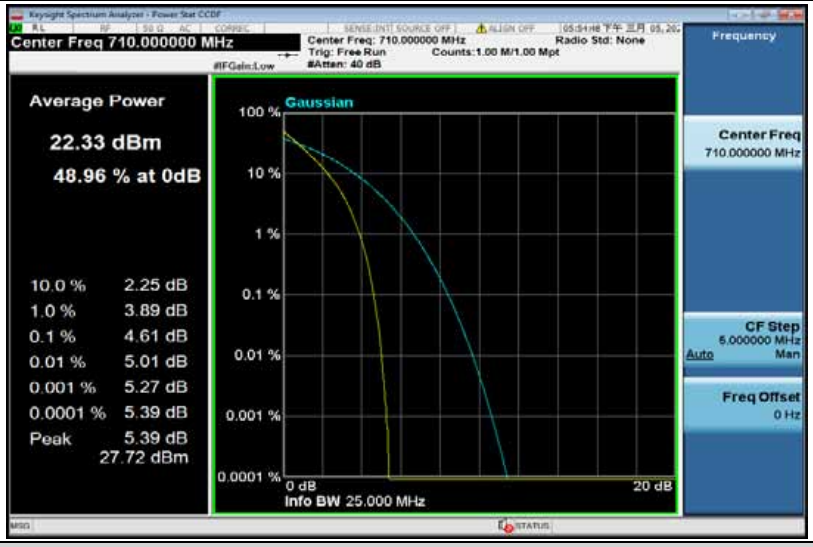

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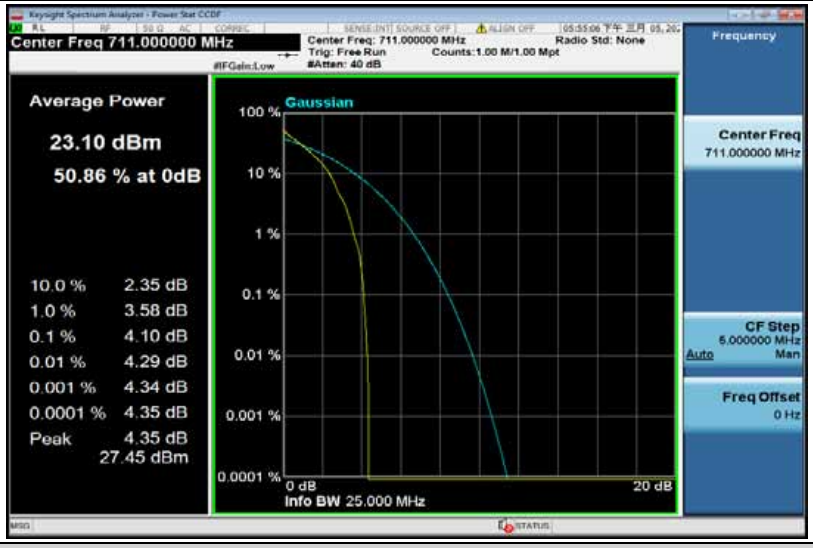

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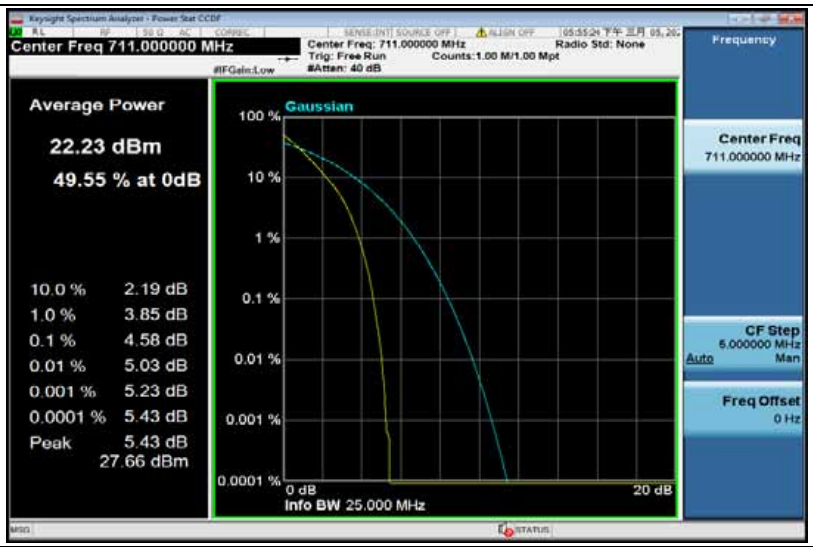

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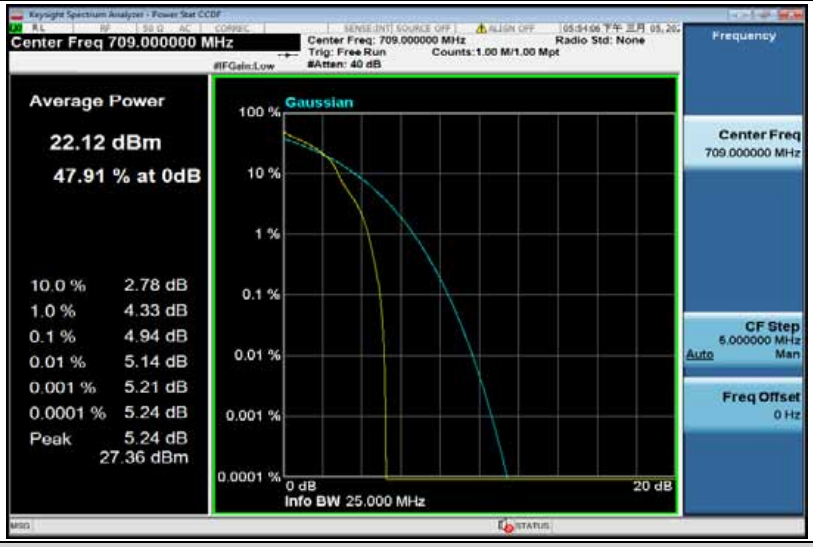

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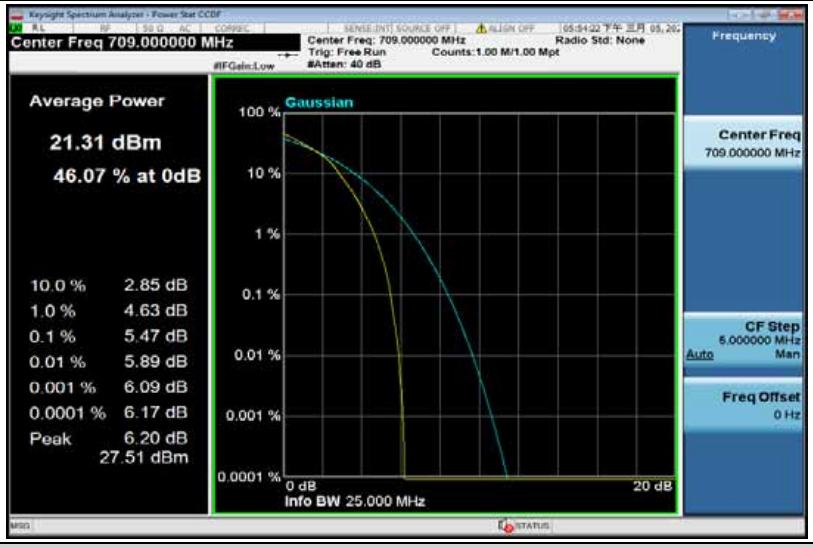

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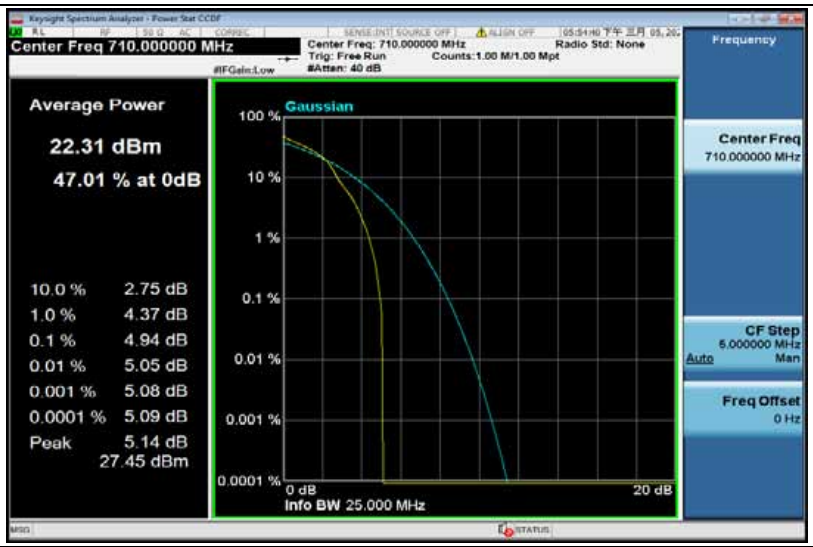

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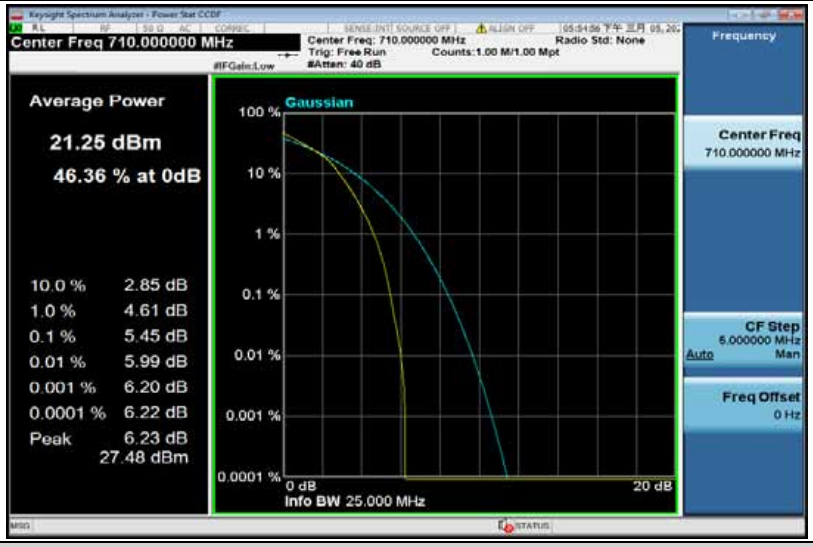

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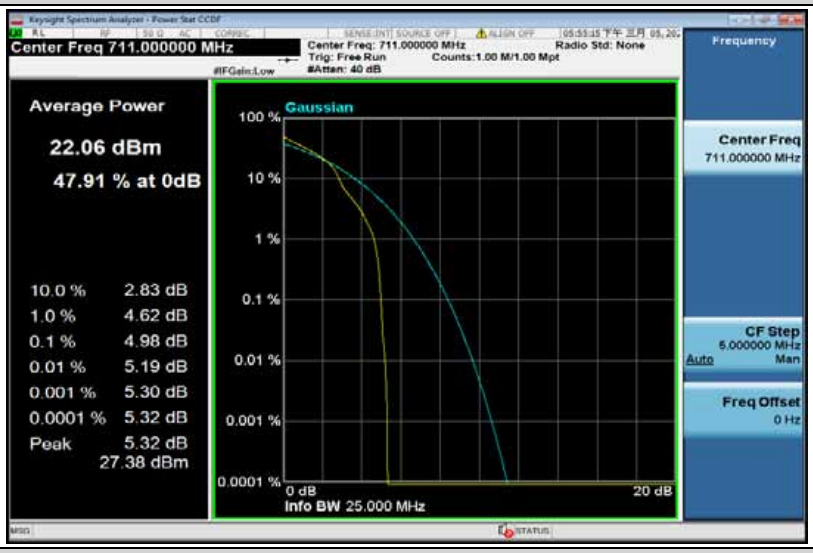
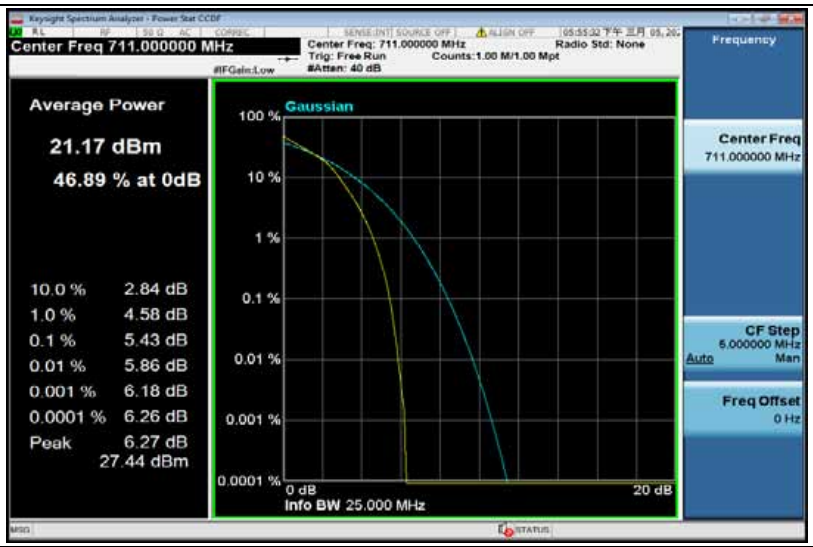


Band17-10MHz-16QAM-23800-50RB#0


Center Freq 711.000000 MHz
Center Freq: 711.000000 MHz
Trig: Free Run
#Atten: 40 dB
Counts: 1.00 M/1.00 Mpt
Radio Std: None
Frequency
Average Power
21.17 dBm
46.89 % at 0dB
10.0 % 2.84 dB
1.0 % 4.58 dB
0.1 % 5.43 dB
0.01 % 5.86 dB
0.001 % 6.18 dB
0.0001 % 6.26 dB
Peak 6.27 dB
27.44 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 25.000 MHz
Center Freq
711.000000 MHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz

Appendix C: 26dB Bandwidth and Occupied Bandwidth

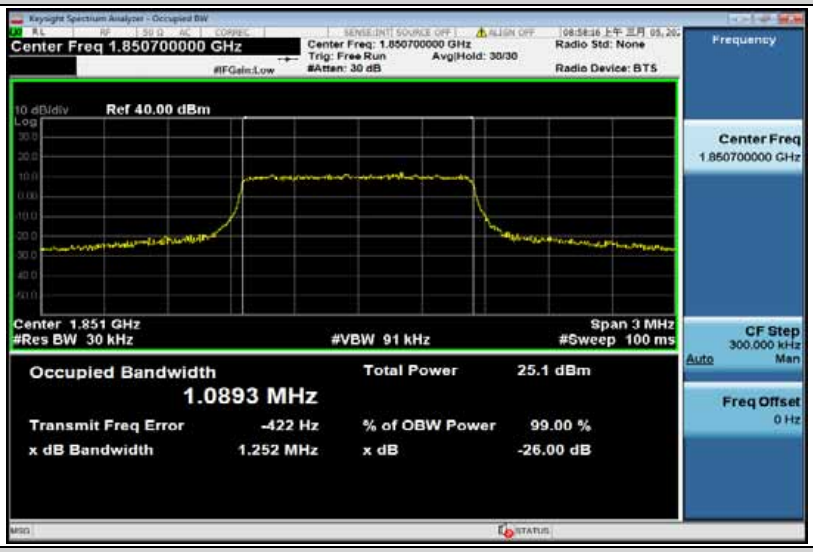
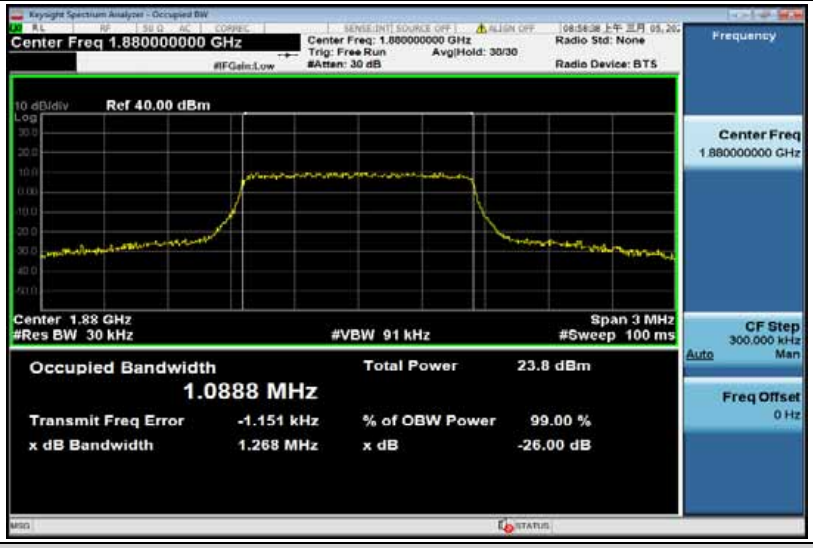
Test Result

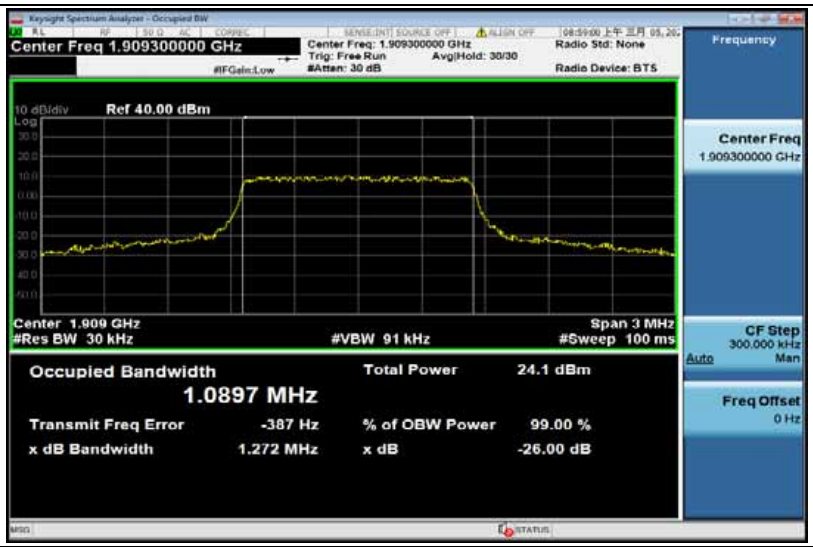
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0893	1.252	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0888	1.268	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0897	1.272	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0898	1.264	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0878	1.258	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0903	1.268	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6933	2.853	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6944	2.864	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6947	2.855	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6888	2.879	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6890	2.859	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6860	2.851	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5096	5.033	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5061	4.981	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5061	5.035	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5155	4.964	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5040	5.016	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5123	4.954	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9958	9.625	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9886	9.594	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9816	9.661	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9899	9.620	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9960	9.551	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9817	9.637	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.490	15.72	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.484	14.33	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.492	14.44	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.474	14.34	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.479	14.32	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.468	14.32	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.922	18.99	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.966	19.04	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.960	19.03	PASS

Band2	20MHz	16QAM	18700	100RB#0	17.925	19.03	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.974	19.01	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.948	19.04	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.0915	1.247	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0897	1.256	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0896	1.255	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0902	1.272	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0896	1.265	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0910	1.260	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6903	2.860	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6827	2.854	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6922	2.862	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6897	2.848	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6846	2.859	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6889	2.866	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5047	4.993	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5063	4.971	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5067	4.929	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5110	4.931	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5130	4.920	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5100	5.015	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9869	9.616	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9855	9.607	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9953	9.569	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9728	9.599	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9829	9.620	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9931	9.570	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.486	14.43	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.485	14.33	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.466	14.41	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.477	14.30	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.474	14.34	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.463	14.33	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.963	19.01	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.965	19.05	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.925	19.02	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.952	19.02	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.961	19.02	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.943	19.01	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1.0880	1.246	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0895	1.248	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0902	1.249	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0885	1.269	PASS

Band12	1.4MHz	16QAM	23095	6RB#0	1.0896	1.264	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0878	1.259	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6926	2.856	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6947	2.860	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6896	2.835	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6839	2.854	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6929	2.842	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6919	2.849	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4961	4.911	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5103	4.966	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4924	4.958	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4949	4.962	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5127	4.963	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5016	4.927	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9710	9.570	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0046	9.609	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9641	9.547	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9621	9.568	PASS
Band12	10MHz	16QAM	23095	50RB#0	9.0027	9.633	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9727	9.526	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.5113	4.938	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5047	4.987	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.4980	4.966	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5142	4.954	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5110	4.974	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.4942	4.977	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9971	9.595	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9852	9.601	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9669	9.561	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9833	9.580	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9812	9.573	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9677	9.539	PASS

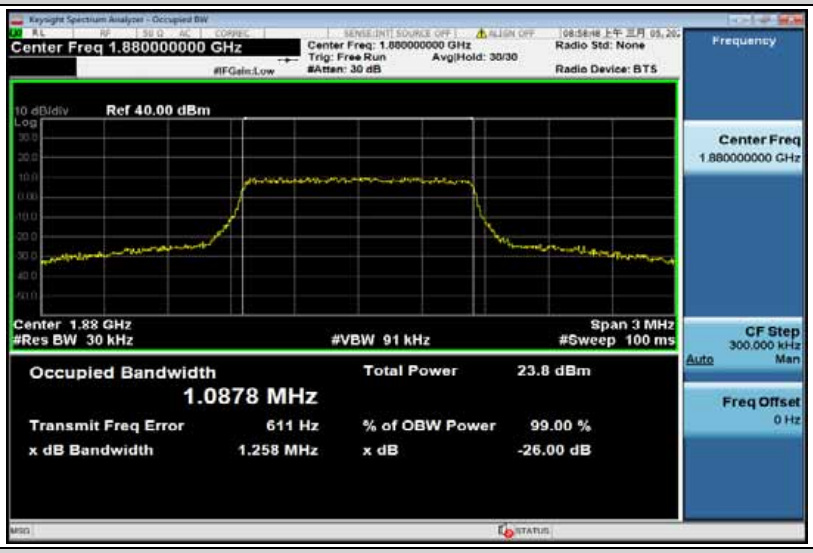
Test Graphs

Band2-1.4MHz-QPSK-18607-6RB#0-1.0893

Band2-1.4MHz-QPSK-18900-6RB#0-1.0888

Band2-1.4MHz-QPSK-19193-6RB#0-1.0897



Band2-1.4MHz-16QAM-18607-6RB#0-1.0898

Band2-1.4MHz-16QAM-18900-6RB#0-1.0878



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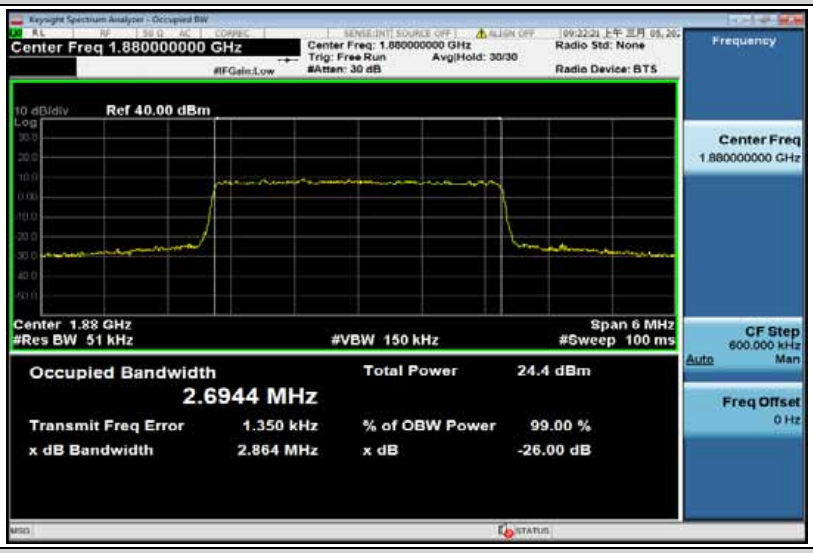
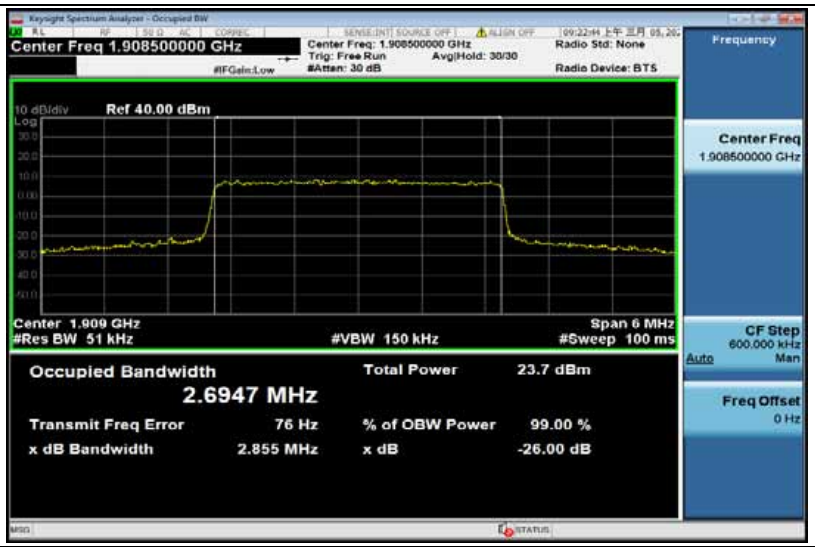
Band2-3MHz-QPSK-18615-15RB#0-2.6933

Band2-3MHz-QPSK-18900-15RB#0-2.6944

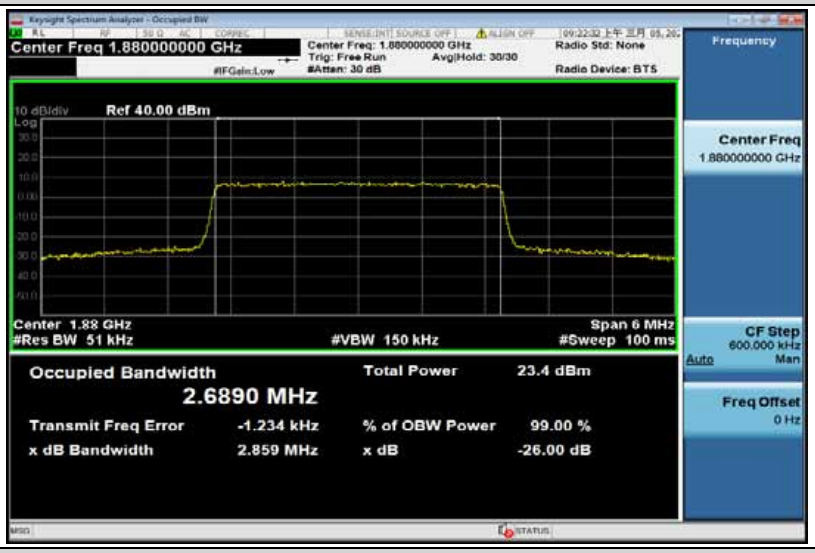


Band2-3MHz-QPSK-19185-15RB#0-2.6947



Band2-3MHz-16QAM-18615-15RB#0-2.6888

Band2-3MHz-16QAM-18900-15RB#0-2.6890



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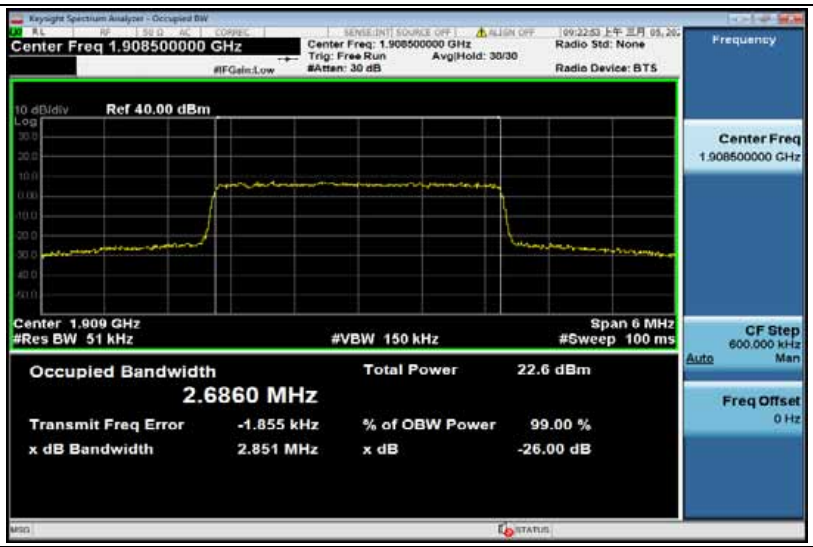
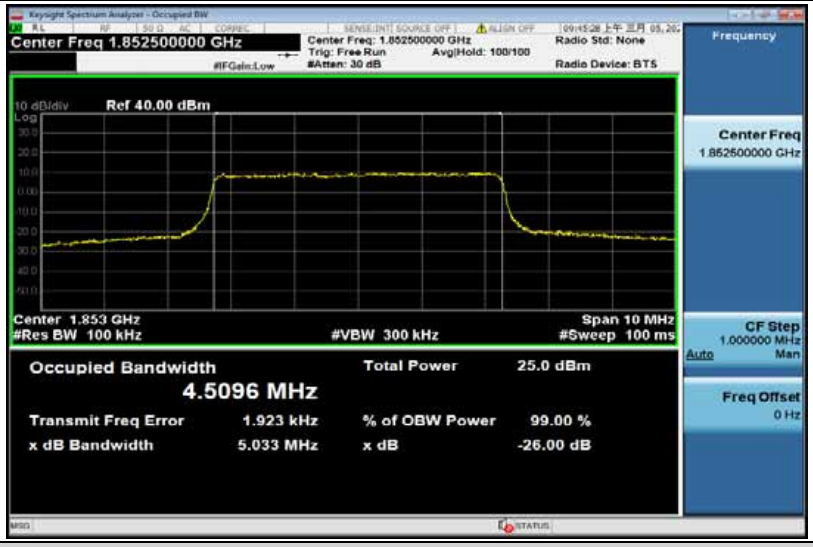


Band2-5MHz-QPSK-18625-25RB#0-4.5096

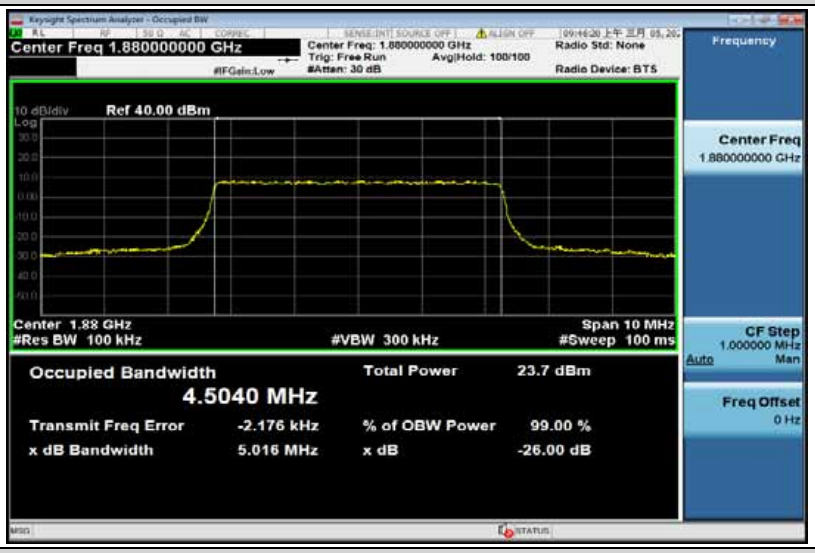


Band2-5MHz-QPSK-18900-25RB#0-4.5061

Band2-5MHz-QPSK-19175-25RB#0-4.5061

Band2-5MHz-16QAM-18625-25RB#0-4.5155

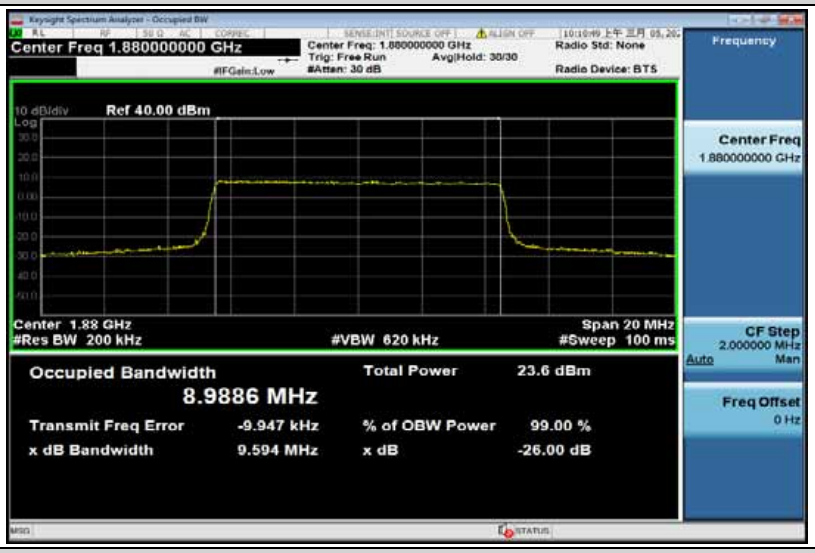
Band2-5MHz-16QAM-18900-25RB#0-4.5040



Band2-5MHz-16QAM-19175-25RB#0-4.5123

Band2-10MHz-QPSK-18650-50RB#0-8.9958

Band2-10MHz-QPSK-18900-50RB#0-8.9886



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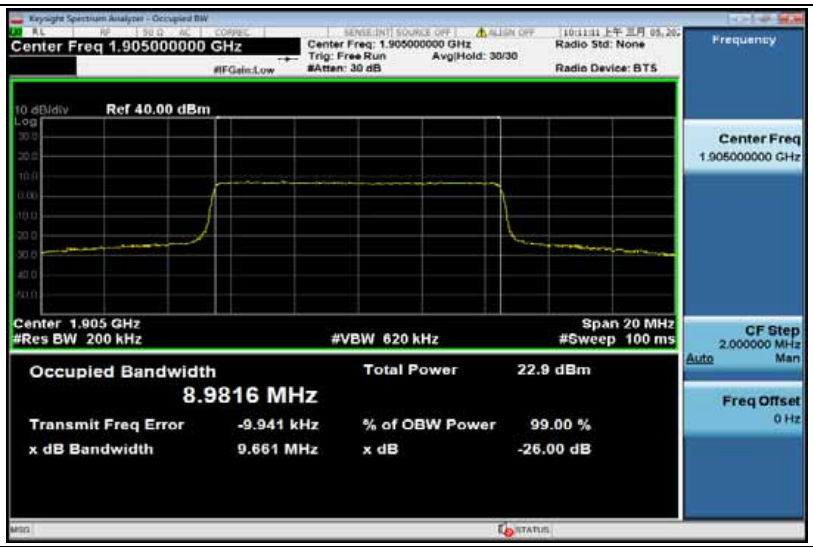

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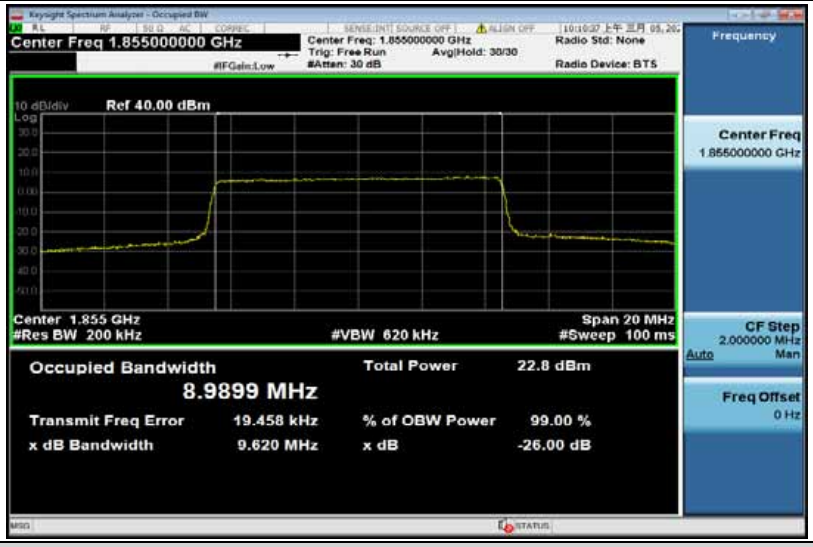
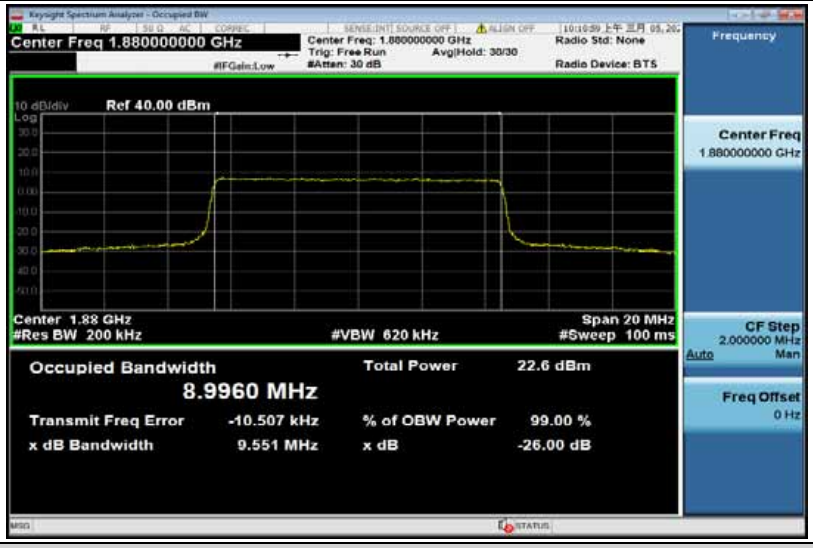


Band2-10MHz-16QAM-18900-50RB#0-8.9960



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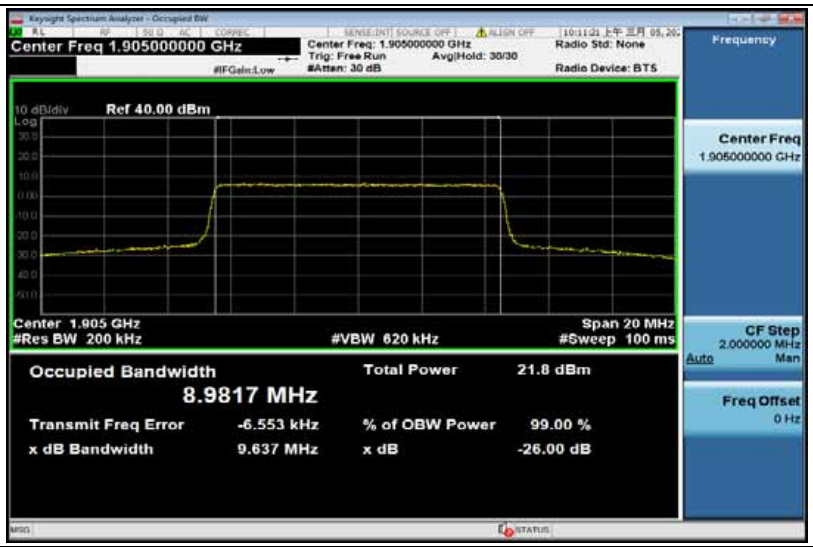
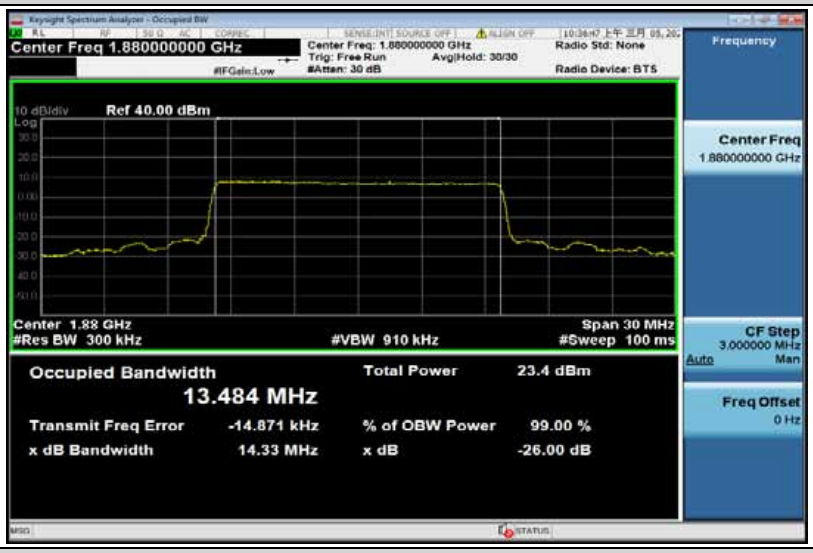


Band2-15MHz-QPSK-18675-75RB#0-13.490

Band2-15MHz-QPSK-18900-75RB#0-13.484



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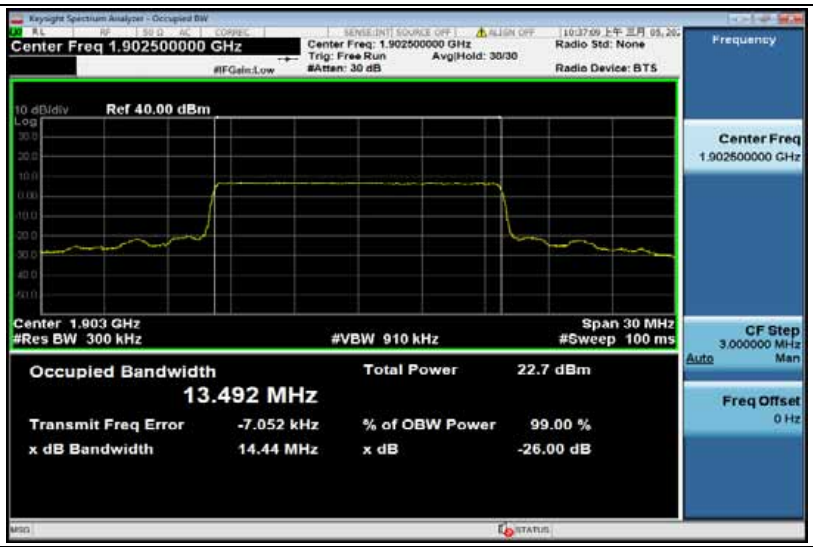

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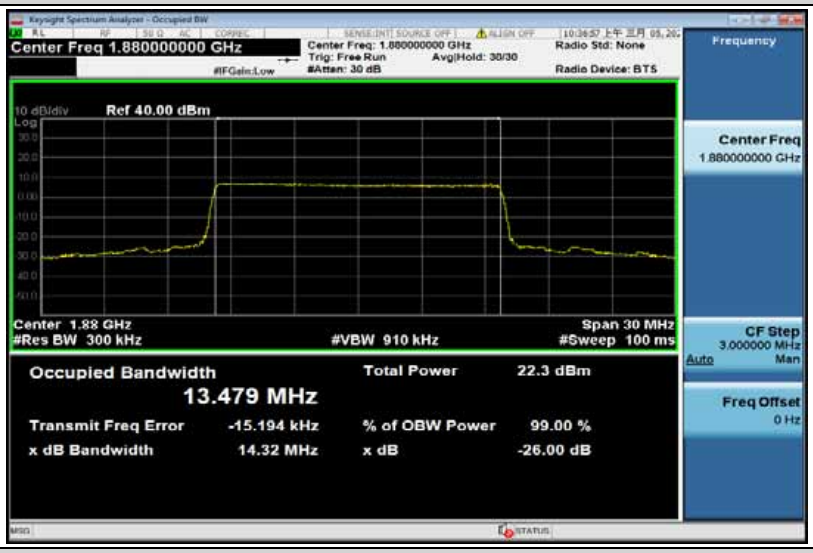
Band2-15MHz-16QAM-18900-75RB#0-13.479



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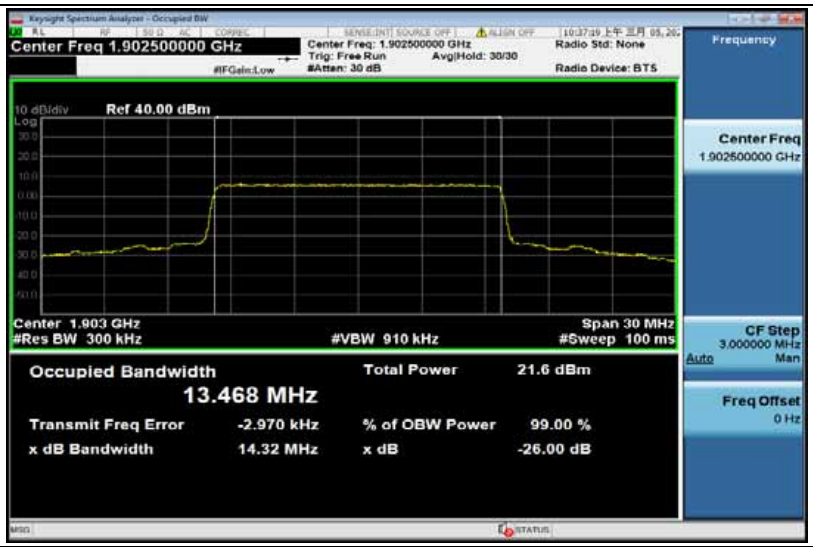
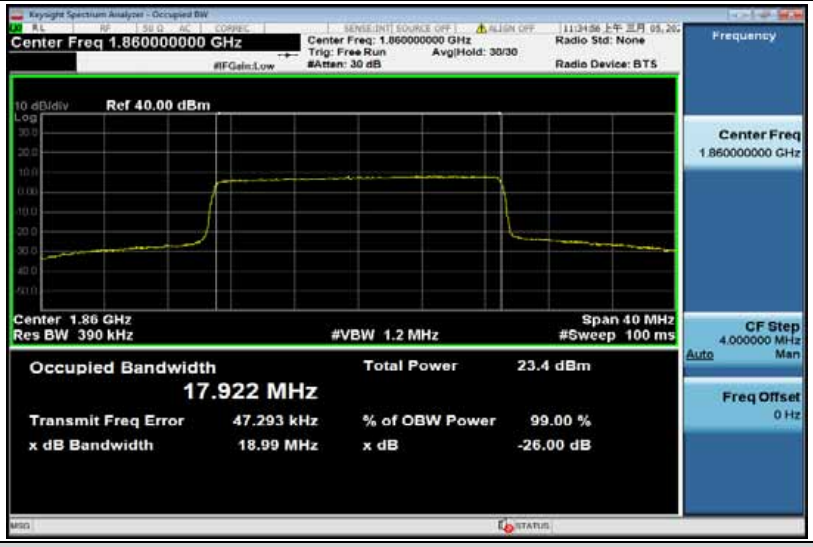


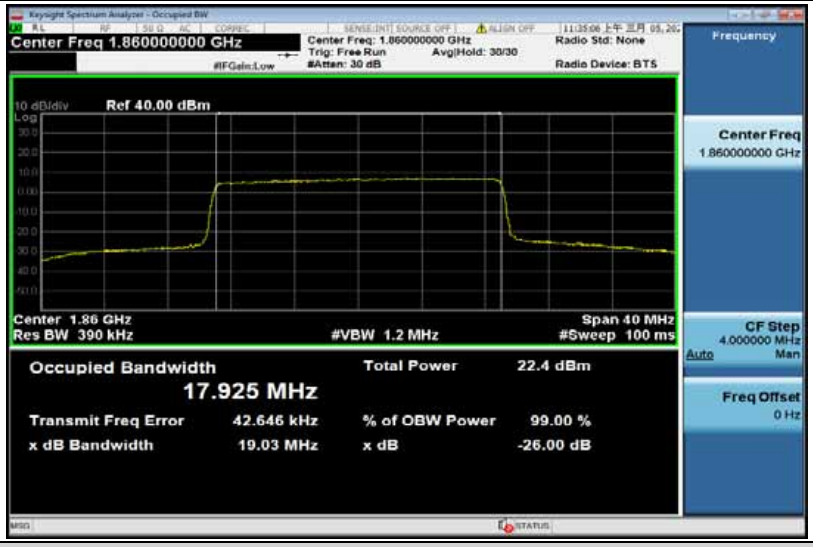
Band2-20MHz-QPSK-18700-100RB#0-17.922



Band2-20MHz-QPSK-18900-100RB#0-17.966

Band2-20MHz-QPSK-19100-100RB#0-17.960

Band2-20MHz-16QAM-18700-100RB#0-17.925



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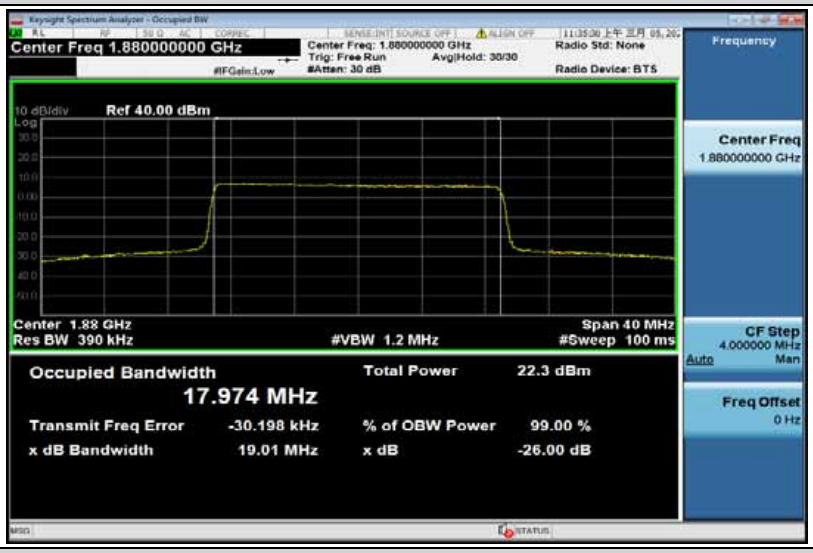
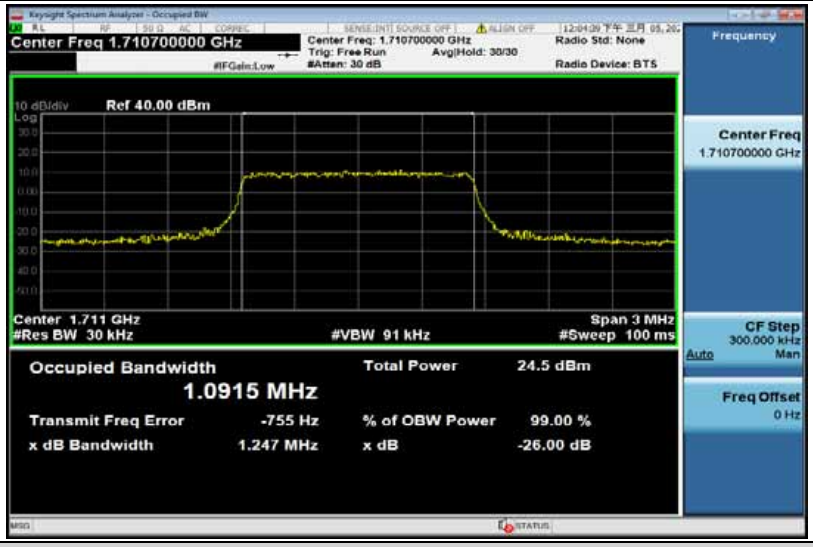


Band2-20MHz-16QAM-19100-100RB#0-17.948

Band4-1.4MHz-QPSK-19957-6RB#0-1.0915



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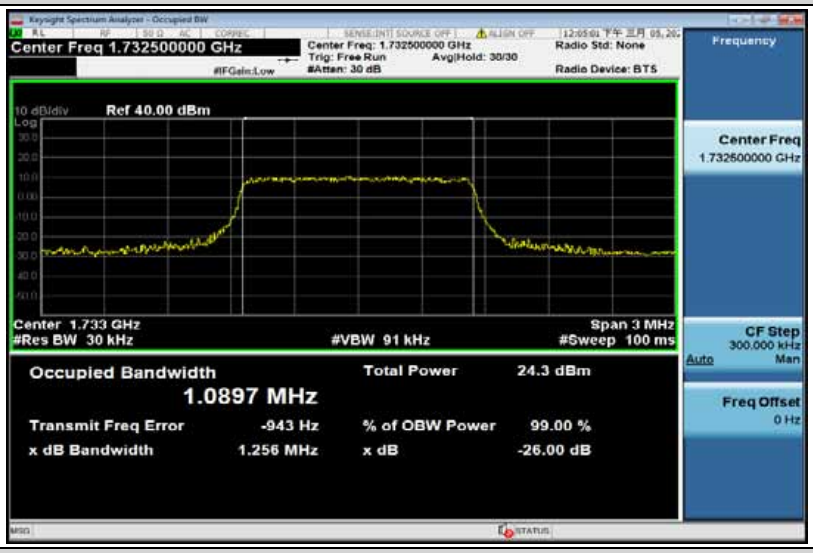

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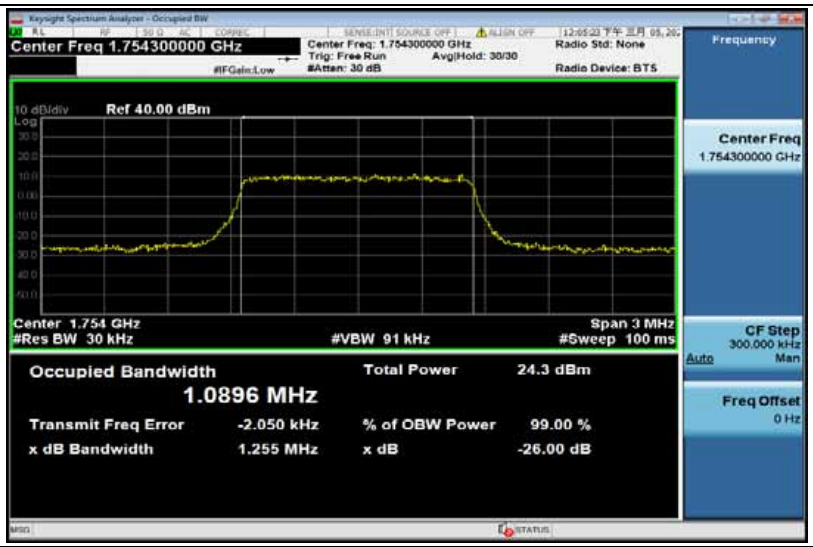

Band4-1.4MHz-16QAM-19957-6RB#0-1.0902

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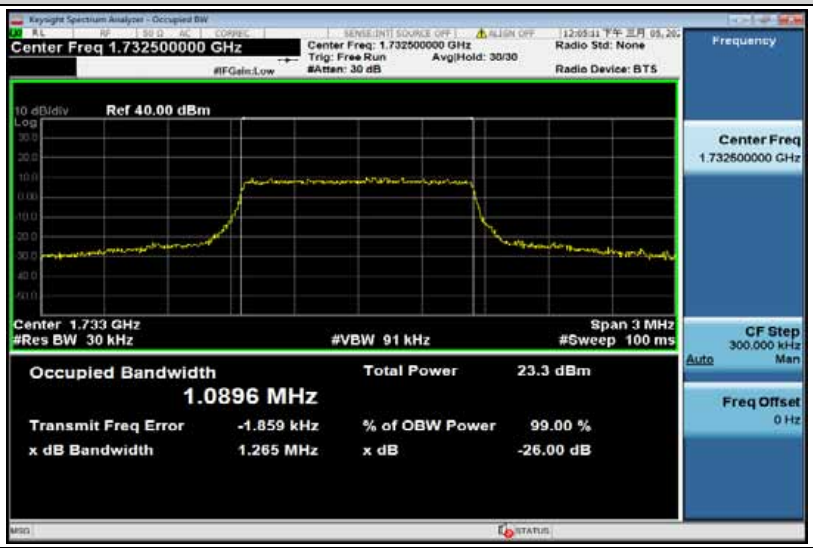

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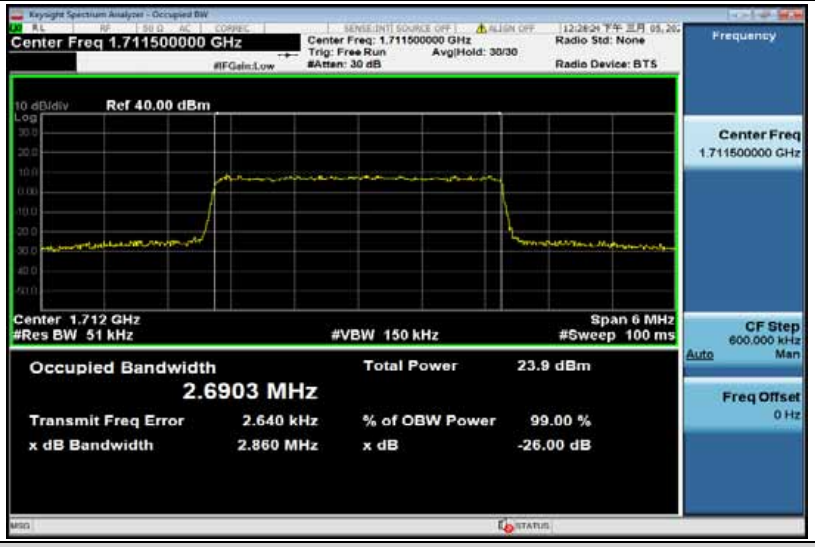
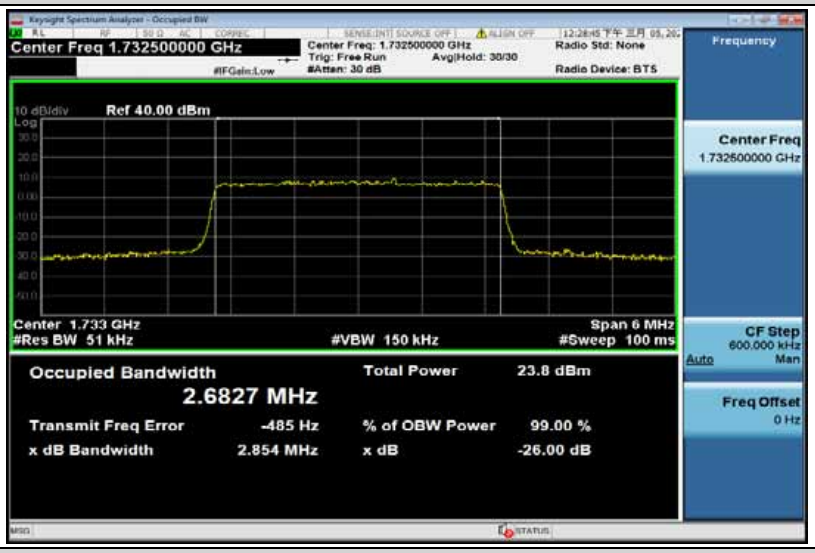
Band4-3MHz-QPSK-19965-15RB#0-2.6903



Band4-3MHz-QPSK-20175-15RB#0-2.6827



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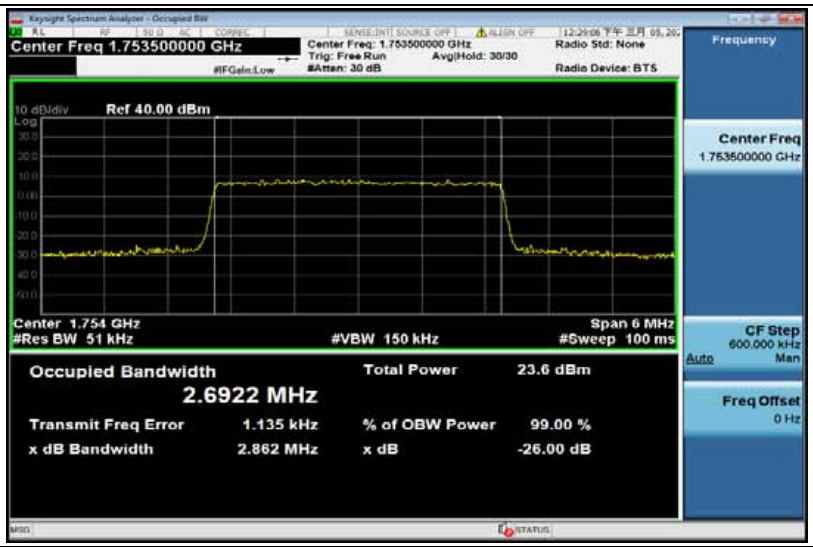
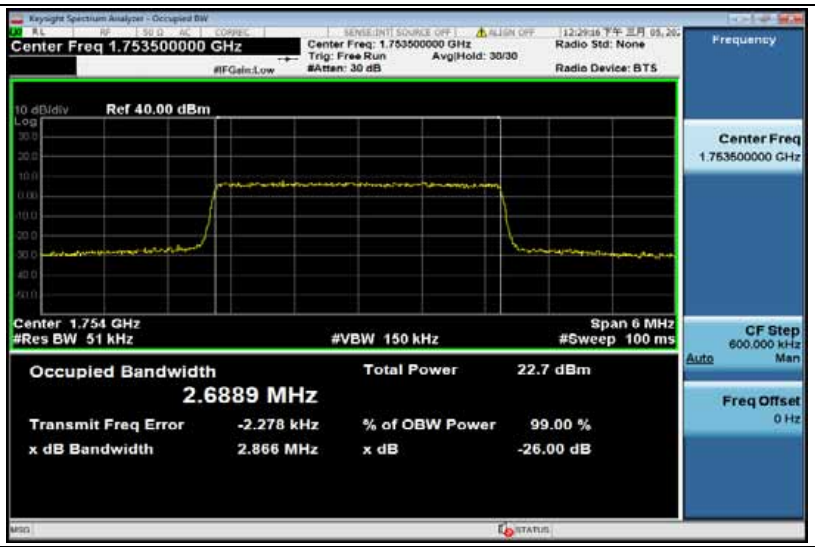


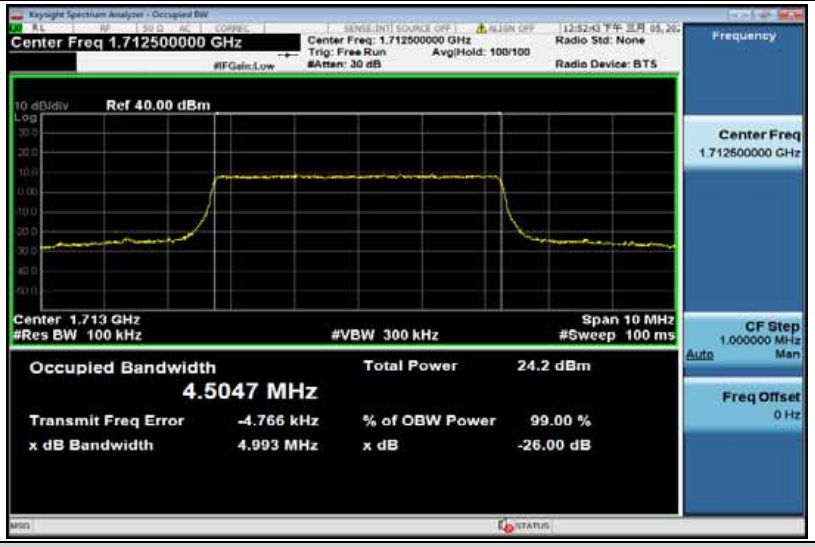
Band4-3MHz-16QAM-19965-15RB#0-2.6897

Band4-3MHz-16QAM-20175-15RB#0-2.6846

Band4-3MHz-16QAM-20385-15RB#0-2.6889



Band4-5MHz-QPSK-19975-25RB#0-4.5047



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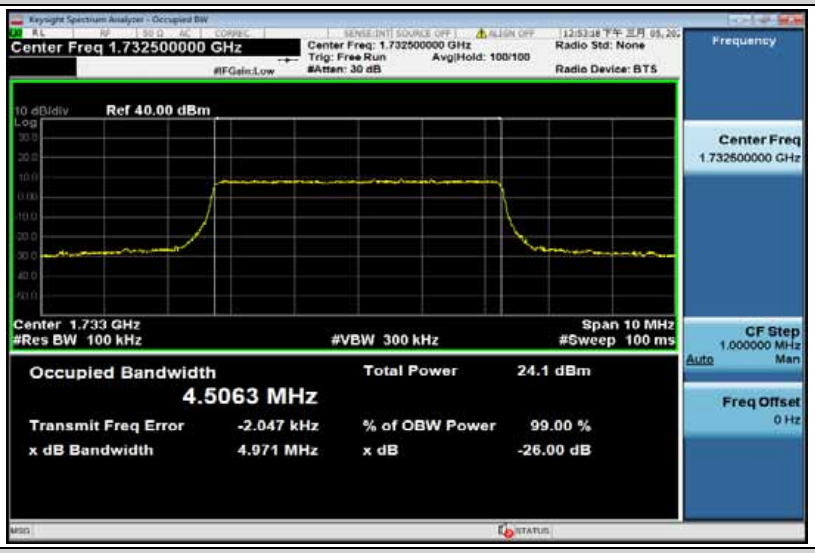
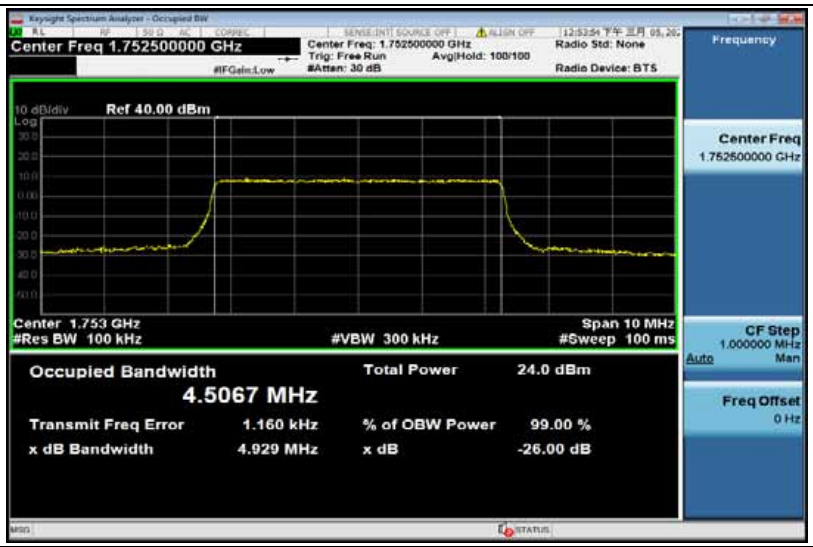
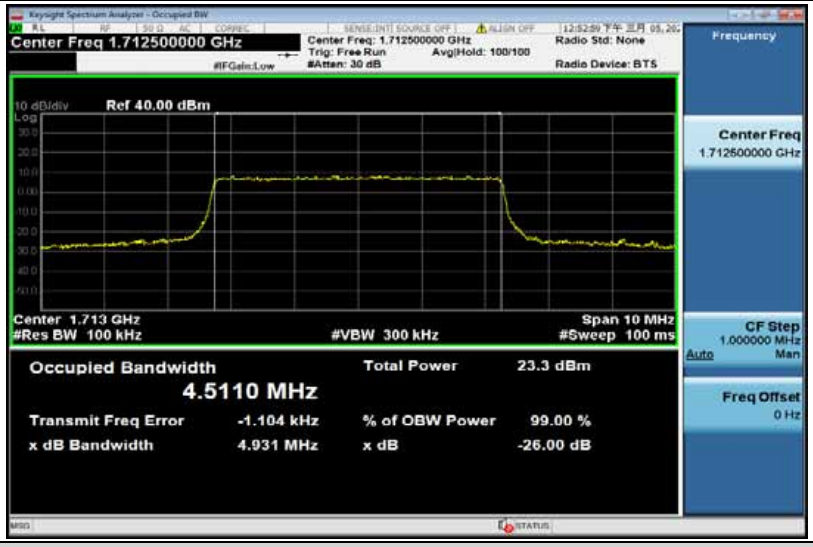


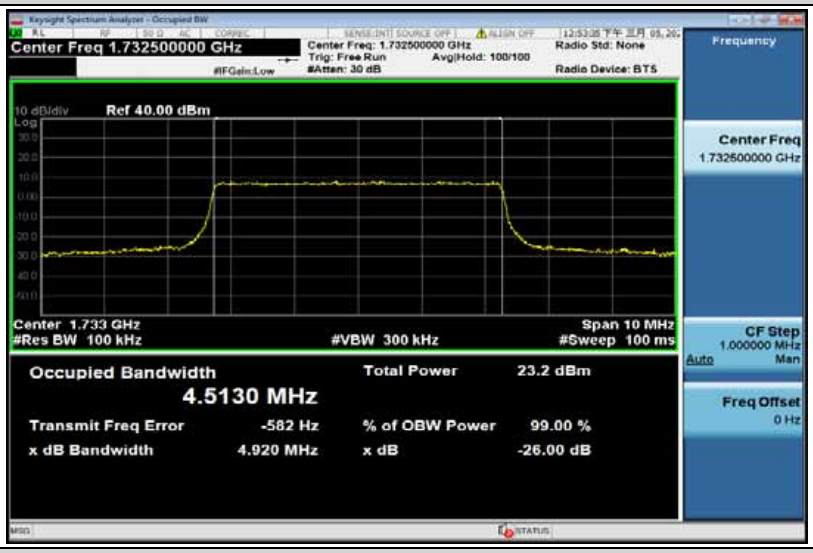
Band4-5MHz-QPSK-20375-25RB#0-4.5067



Band4-5MHz-16QAM-19975-25RB#0-4.5110

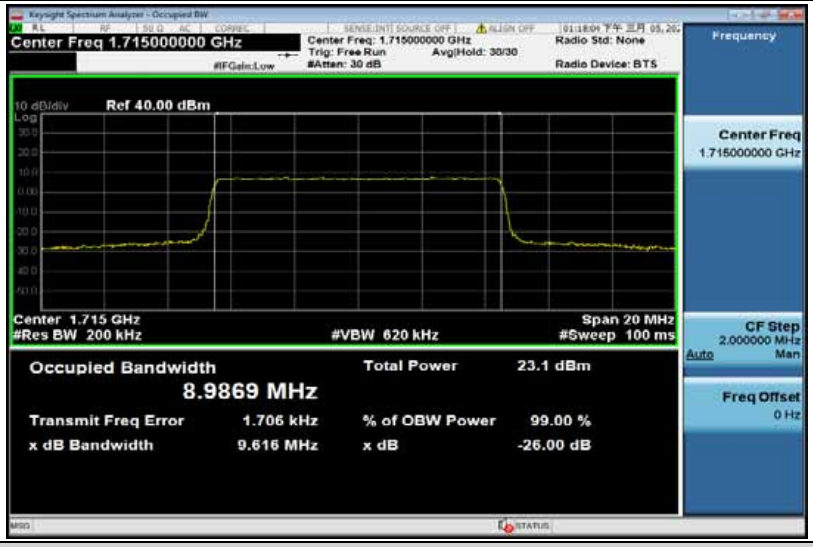


Band4-5MHz-16QAM-20175-25RB#0-4.5130

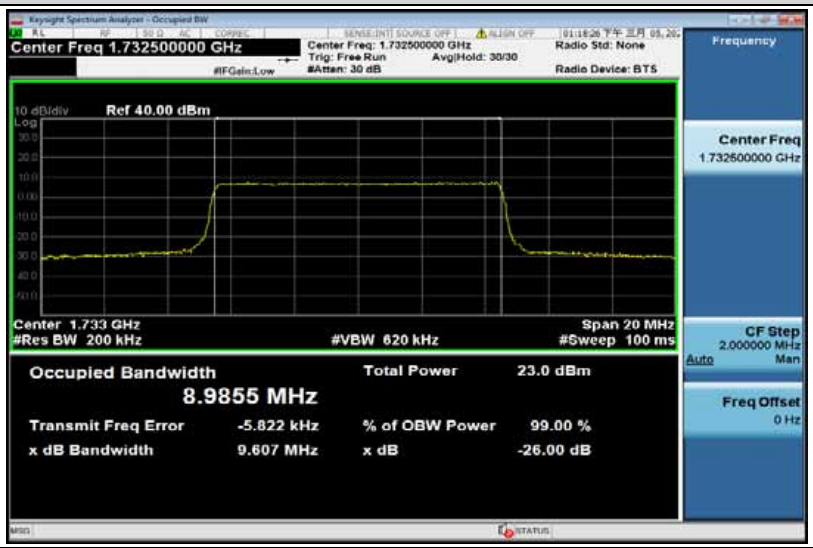


Band4-5MHz-16QAM-20375-25RB#0-4.5100

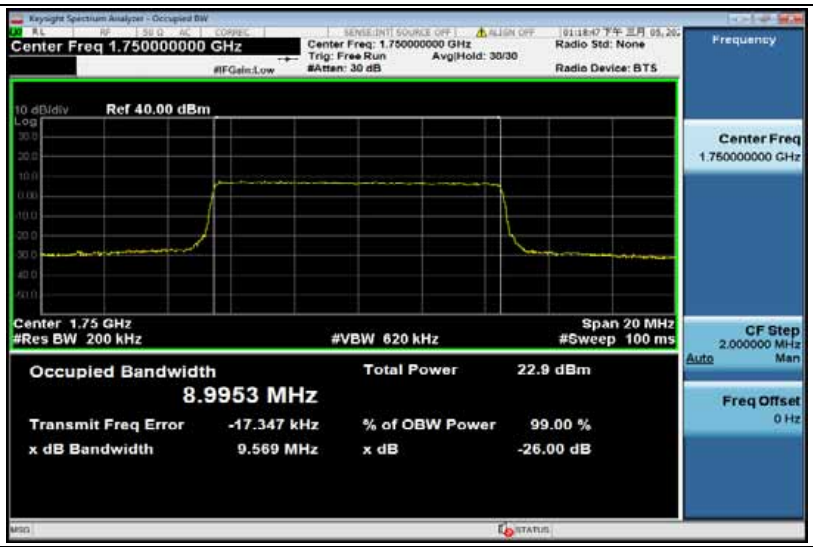
Band4-10MHz-QPSK-20000-50RB#0-8.9869



Band4-10MHz-QPSK-20175-50RB#0-8.9855

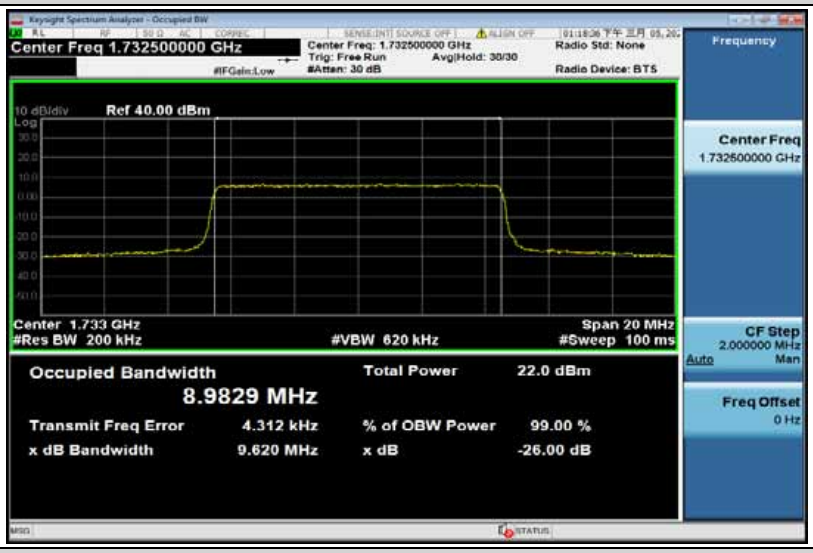


Band4-10MHz-QPSK-20350-50RB#0-8.9953



Band4-10MHz-16QAM-20000-50RB#0-8.9728

Band4-10MHz-16QAM-20175-50RB#0-8.9829



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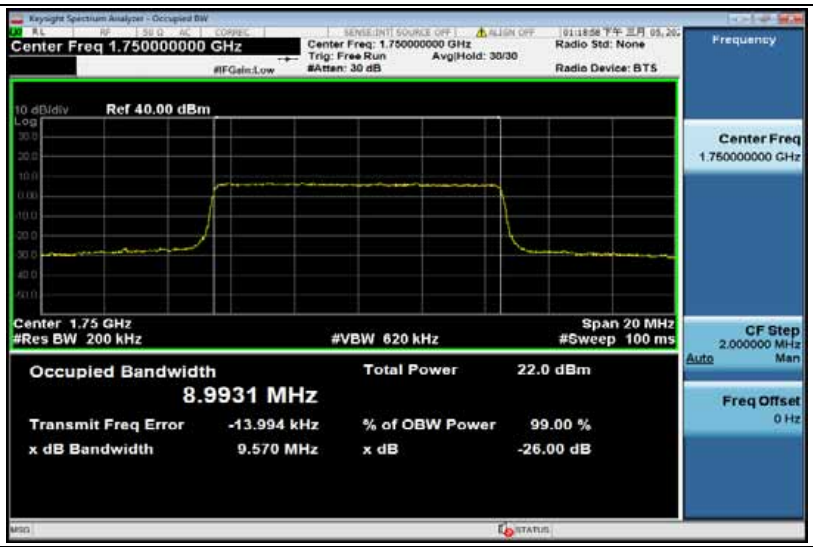
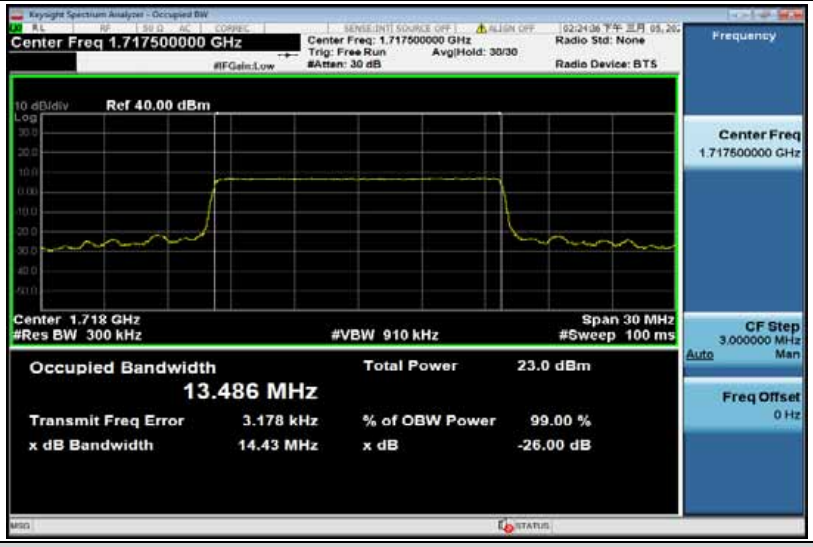
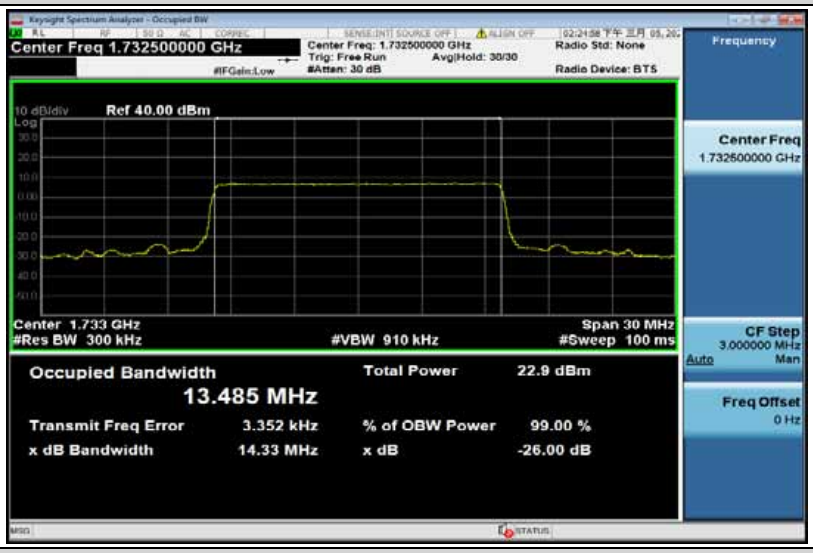


Band4-15MHz-QPSK-20025-75RB#0-13.486



Band4-15MHz-QPSK-20175-75RB#0-13.485



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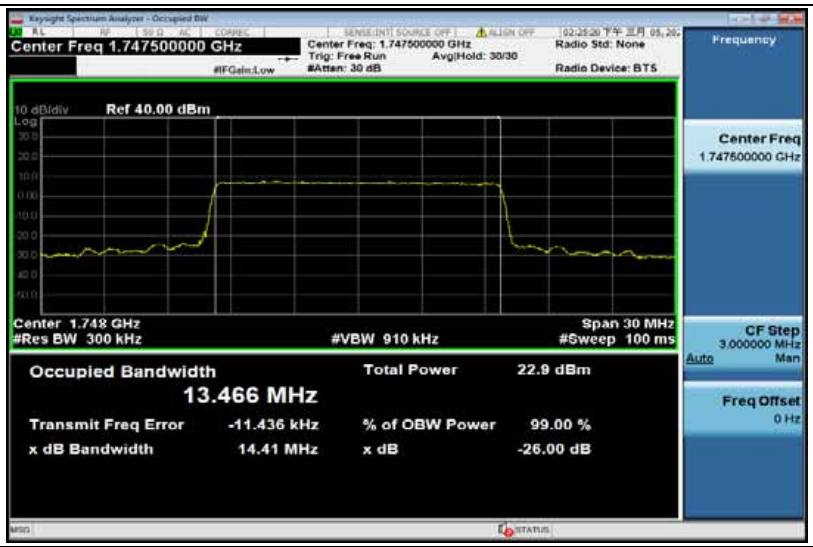
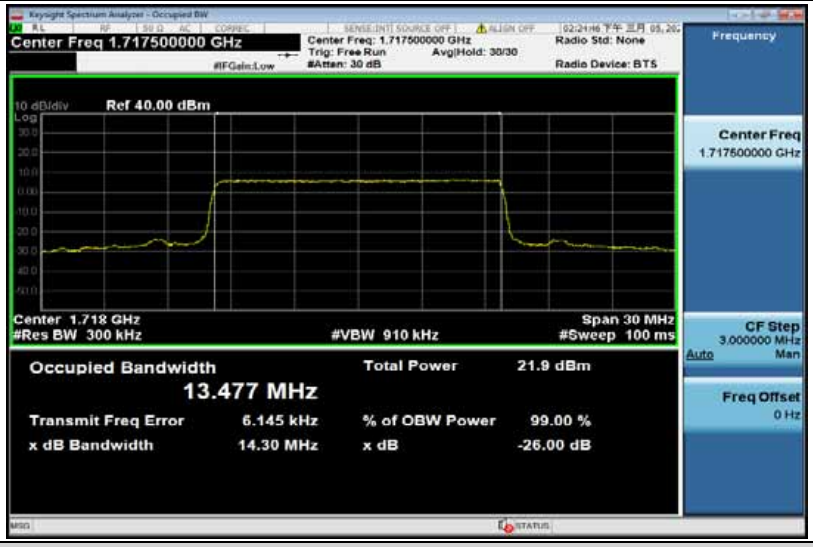
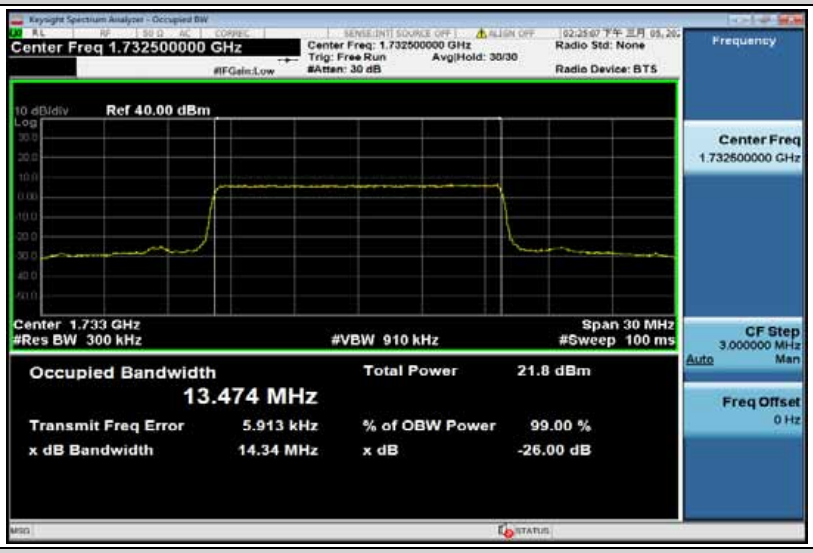


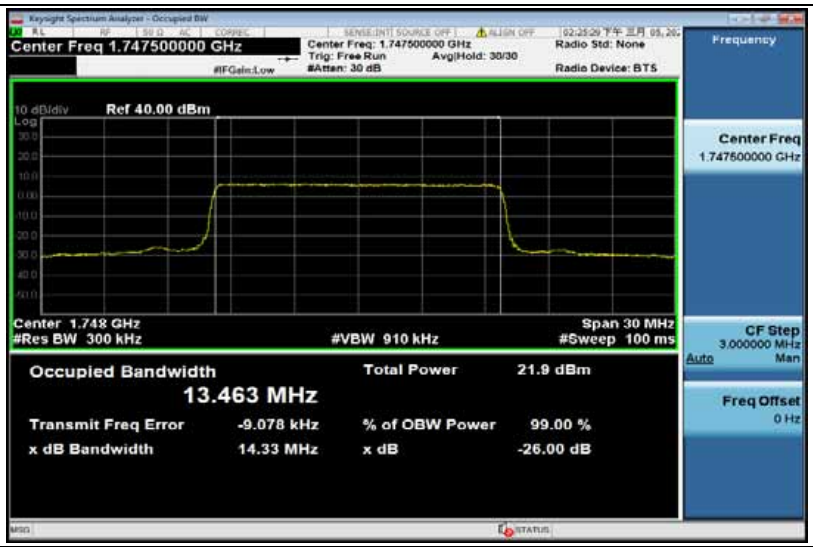
Band4-15MHz-16QAM-20025-75RB#0-13.477



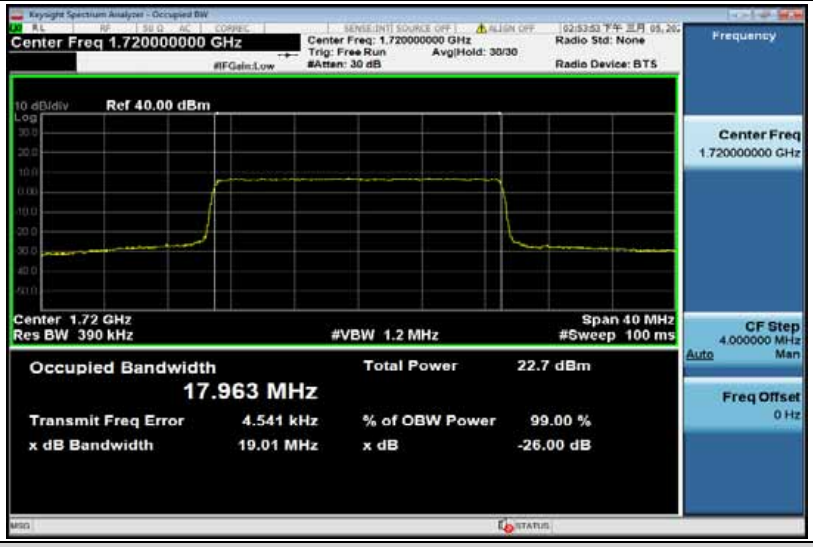
Band4-15MHz-16QAM-20175-75RB#0-13.474



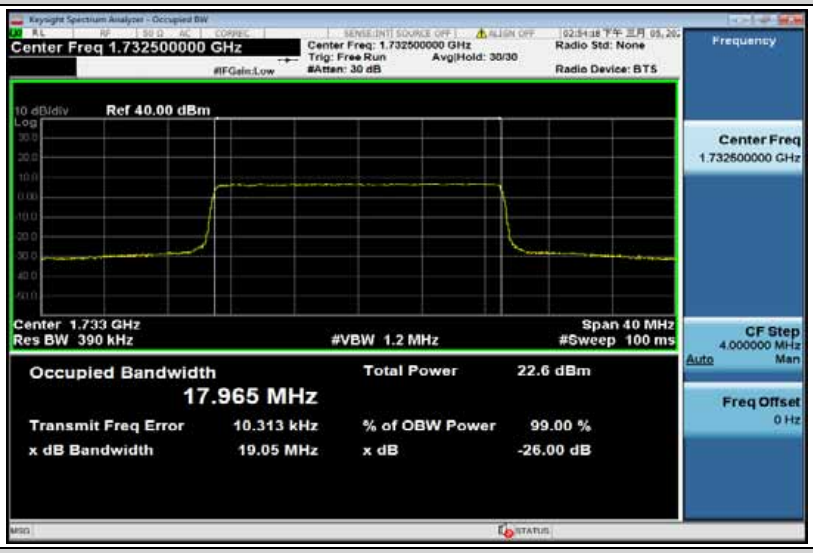
Band4-15MHz-16QAM-20325-75RB#0-13.463



Band4-20MHz-QPSK-20050-100RB#0-17.963



Band4-20MHz-QPSK-20175-100RB#0-17.965



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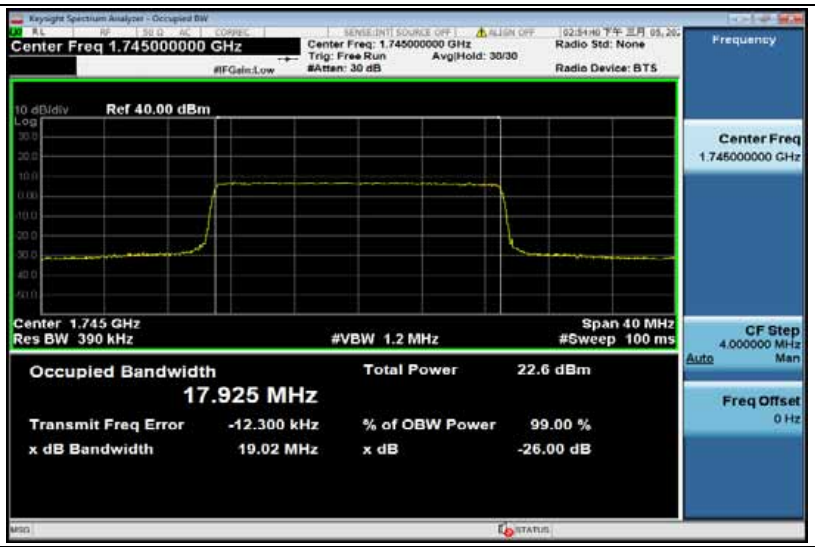

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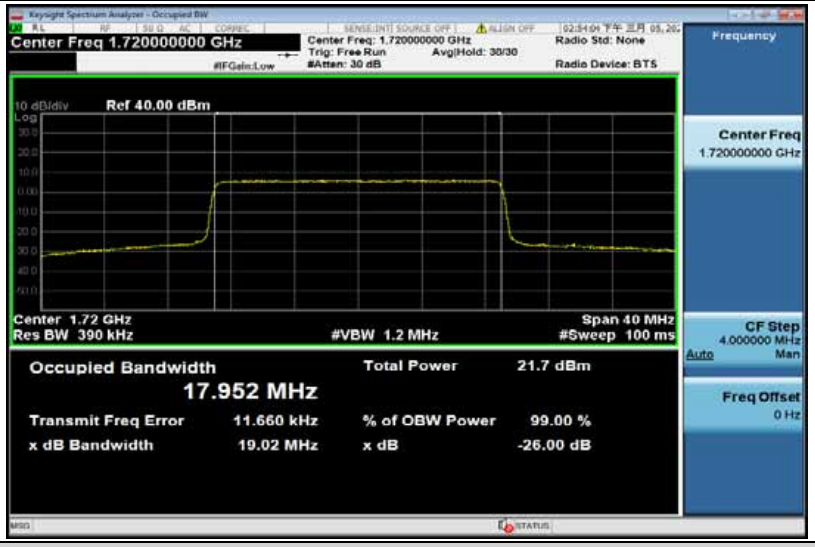
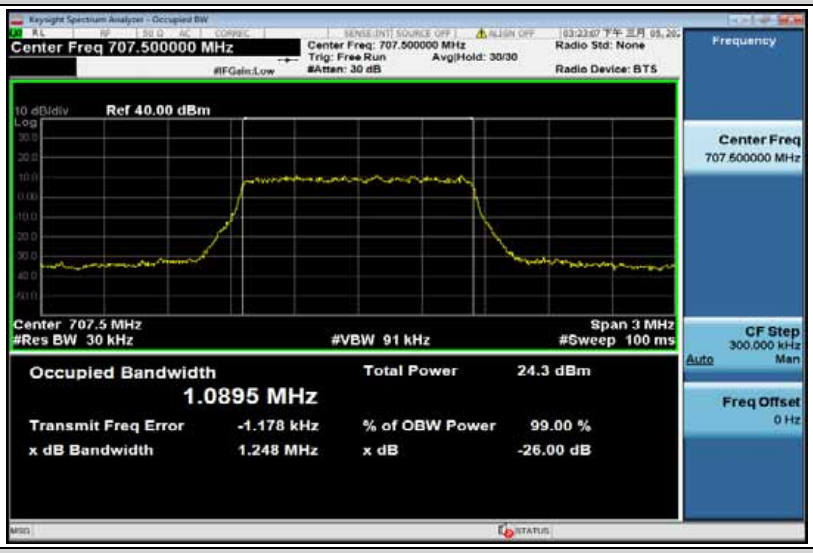


Band4-20MHz-16QAM-20175-100RB#0-17.961

Band4-20MHz-16QAM-20300-100RB#0-17.943

Band12-1.4MHz-QPSK-23017-6RB#0-1.0880

Band12-1.4MHz-QPSK-23095-6RB#0-1.0895



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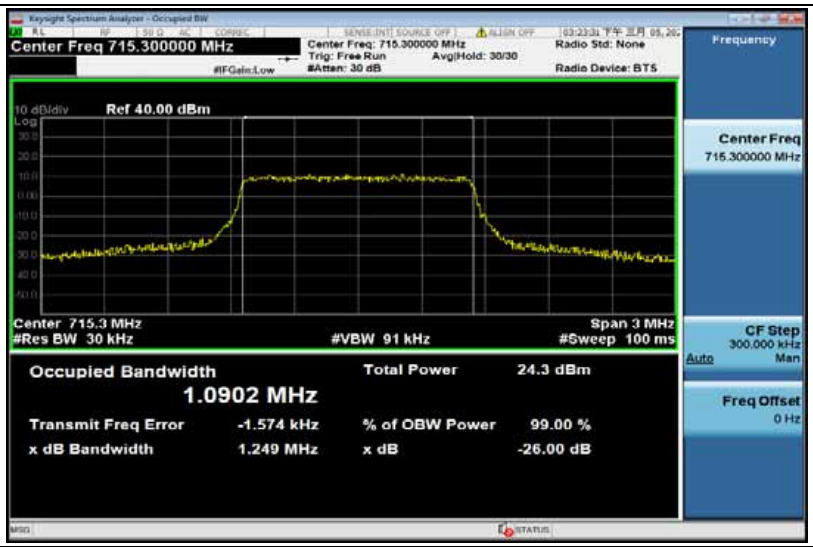

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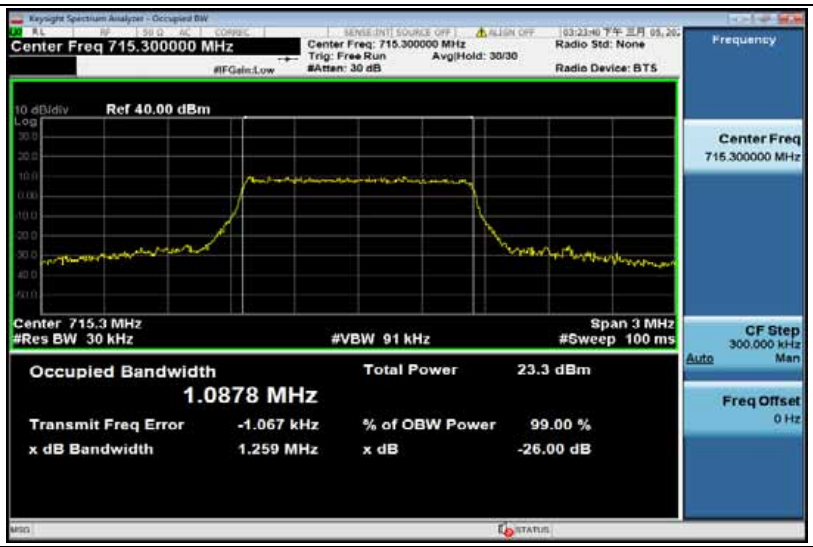
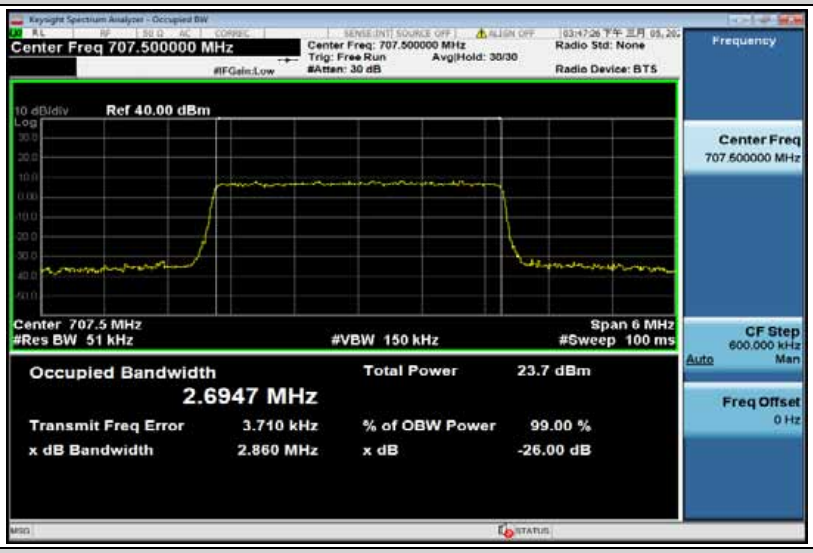
Band12-1.4MHz-16QAM-23173-6RB#0-1.0878

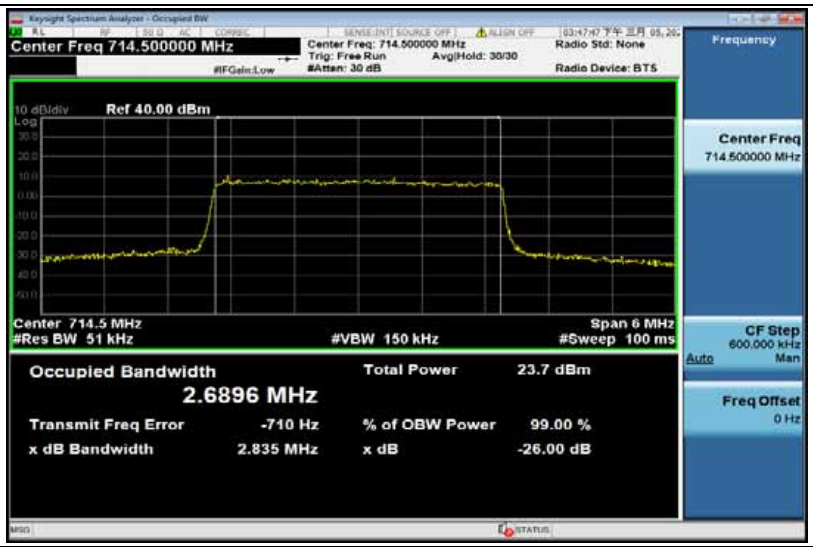


Band12-3MHz-QPSK-23025-15RB#0-2.6926

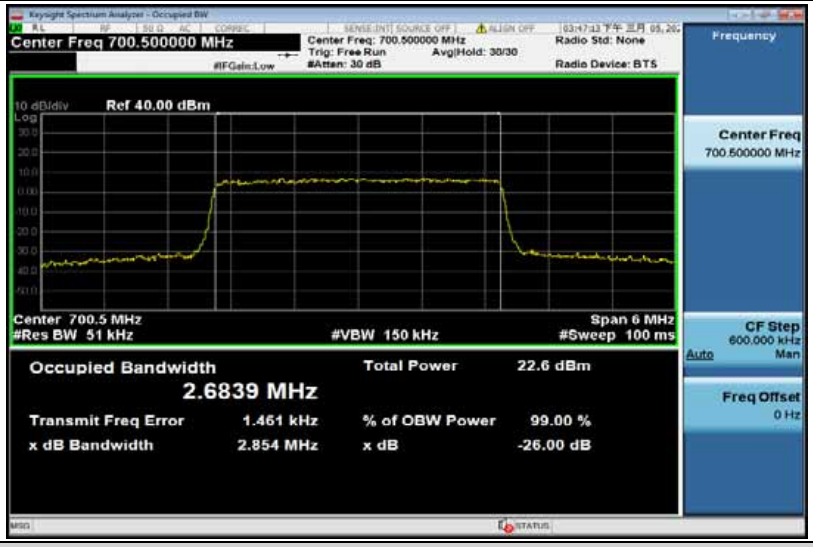
Band12-3MHz-QPSK-23095-15RB#0-2.6947



Band12-3MHz-QPSK-23165-15RB#0-2.6896



Band12-3MHz-16QAM-23025-15RB#0-2.6839



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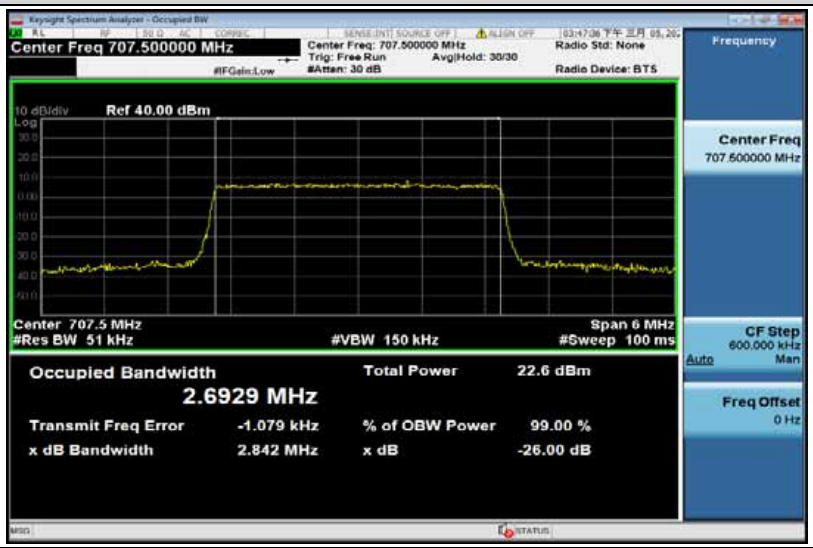

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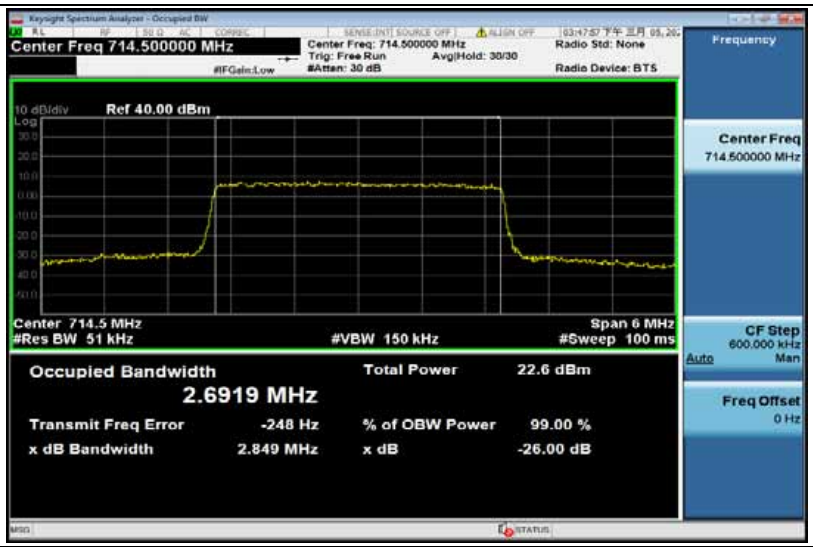
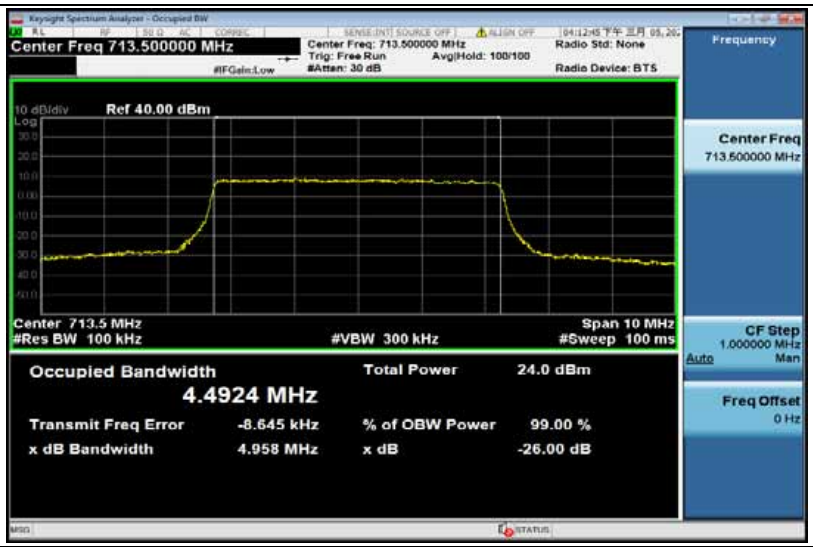


Band12-5MHz-QPSK-23035-25RB#0-4.4961

Band12-5MHz-QPSK-23095-25RB#0-4.5103

Band12-5MHz-QPSK-23155-25RB#0-4.4924



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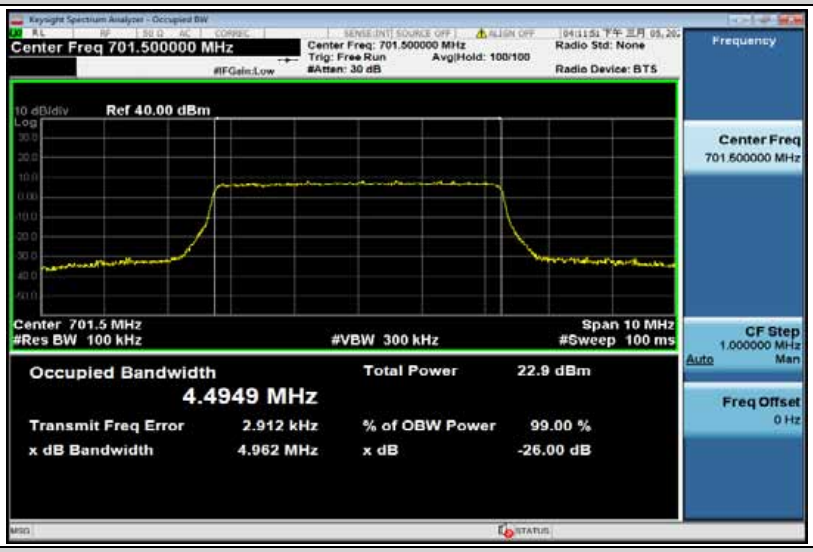

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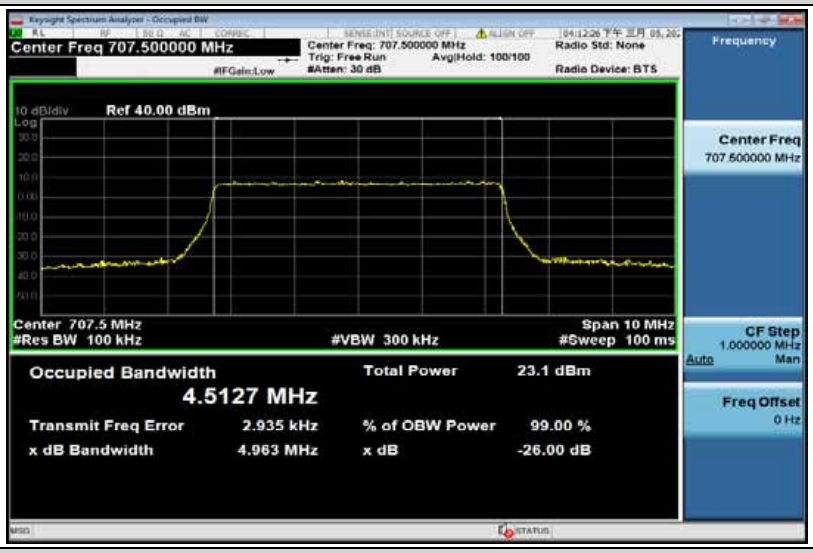
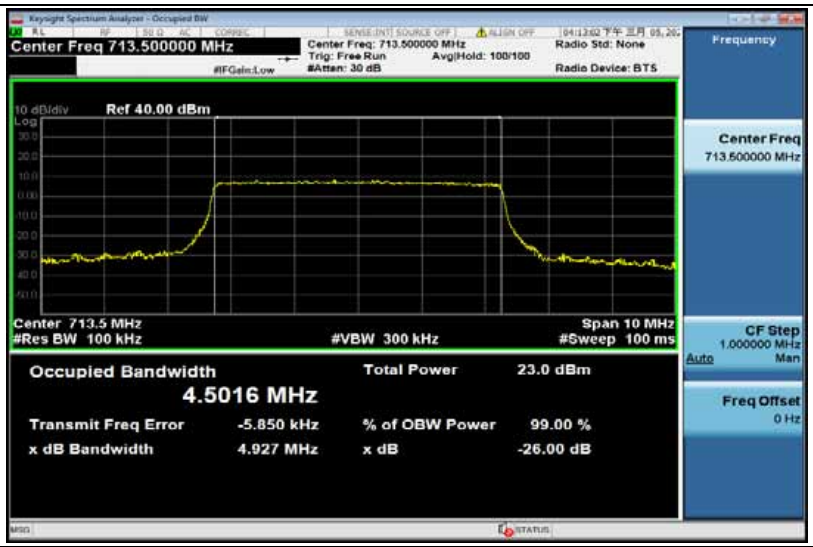
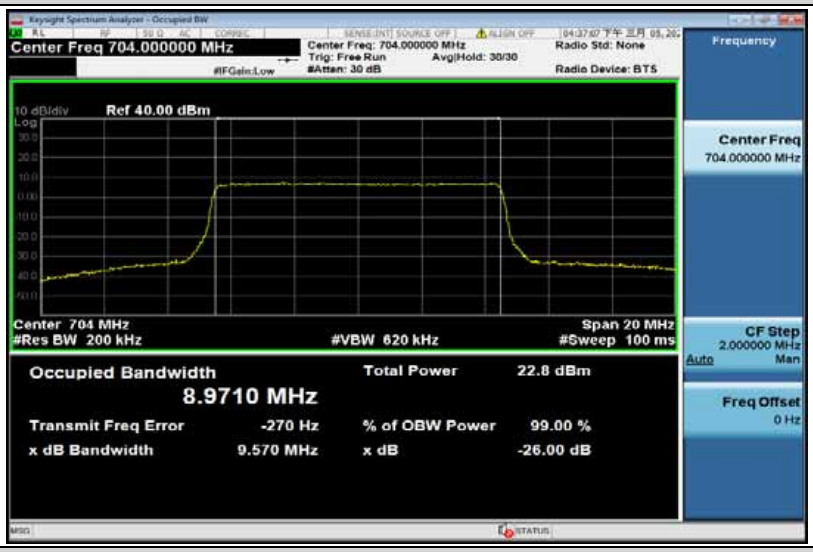


Band12-5MHz-16QAM-23155-25RB#0-4.5016



Band12-10MHz-QPSK-23060-50RB#0-8.9710



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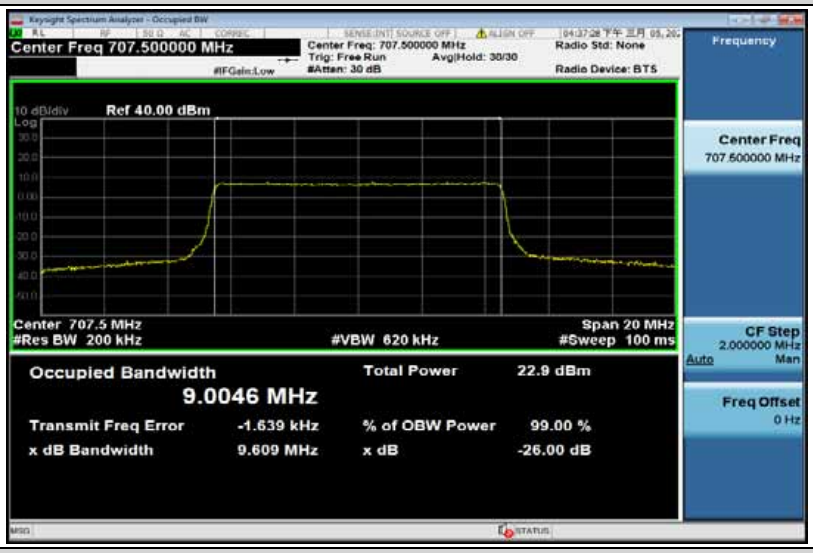
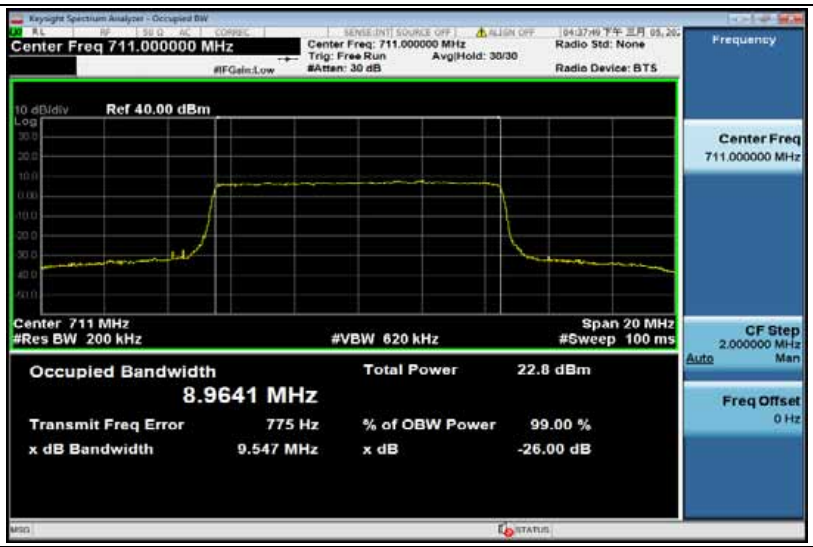
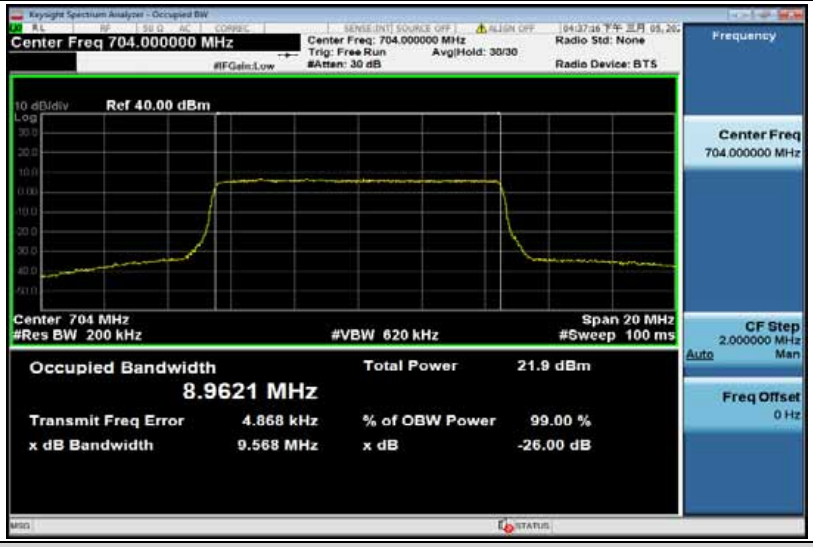


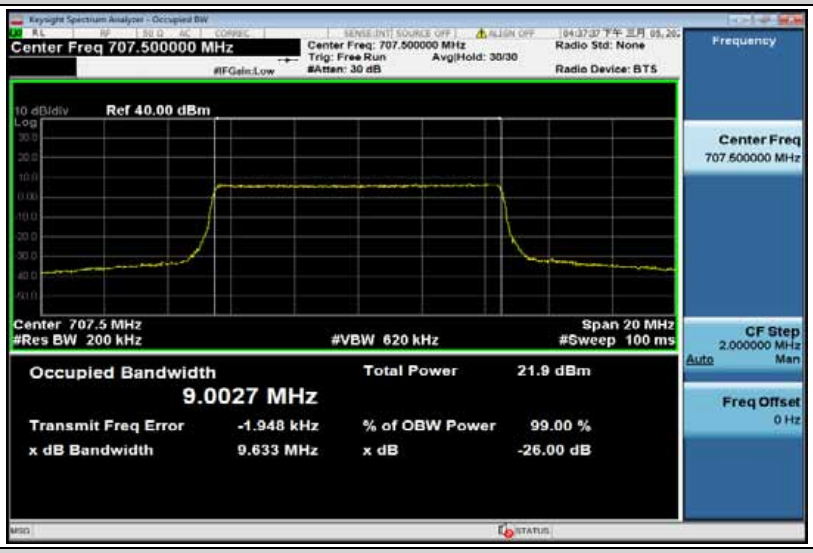
Band12-10MHz-QPSK-23130-50RB#0-8.9641



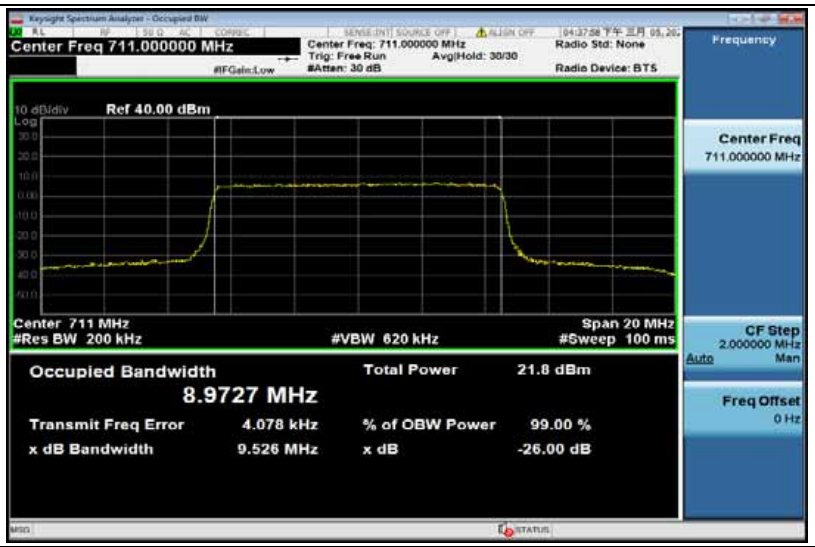
Band12-10MHz-16QAM-23060-50RB#0-8.9621



Band12-10MHz-16QAM-23095-50RB#0-9.0027



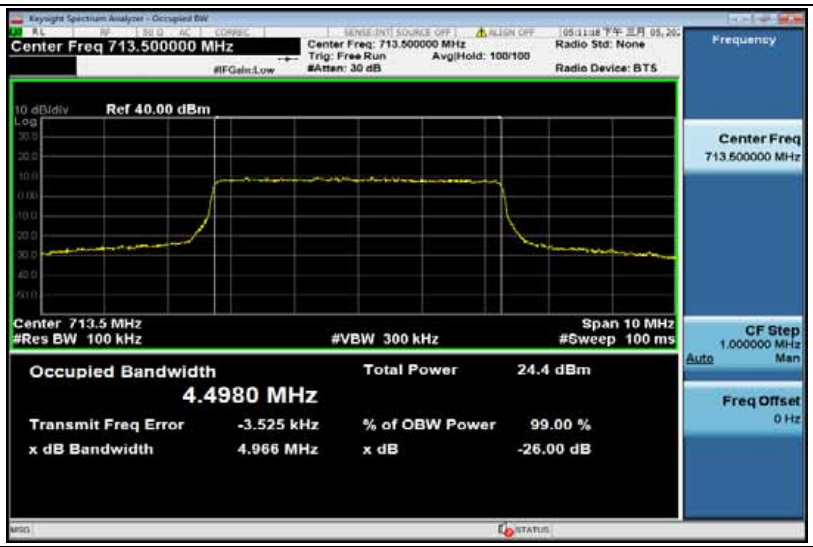
Band12-10MHz-16QAM-23130-50RB#0-8.9727



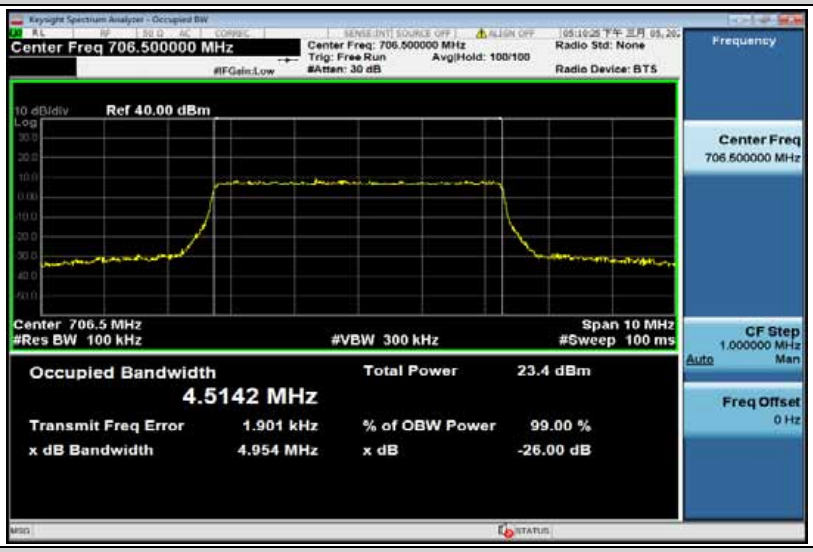
Band17-5MHz-QPSK-23755-25RB#0-4.5113

Band17-5MHz-QPSK-23790-25RB#0-4.5047

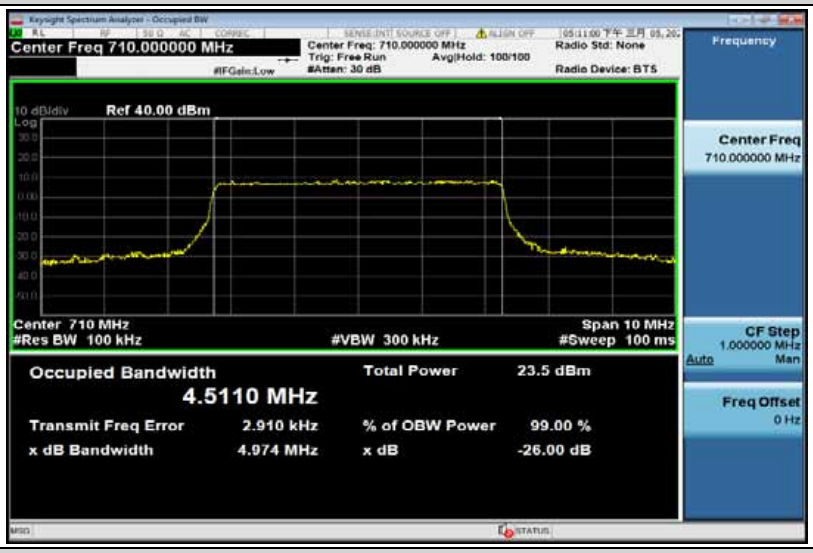
Band17-5MHz-QPSK-23825-25RB#0-4.4980



Band17-5MHz-16QAM-23755-25RB#0-4.5142

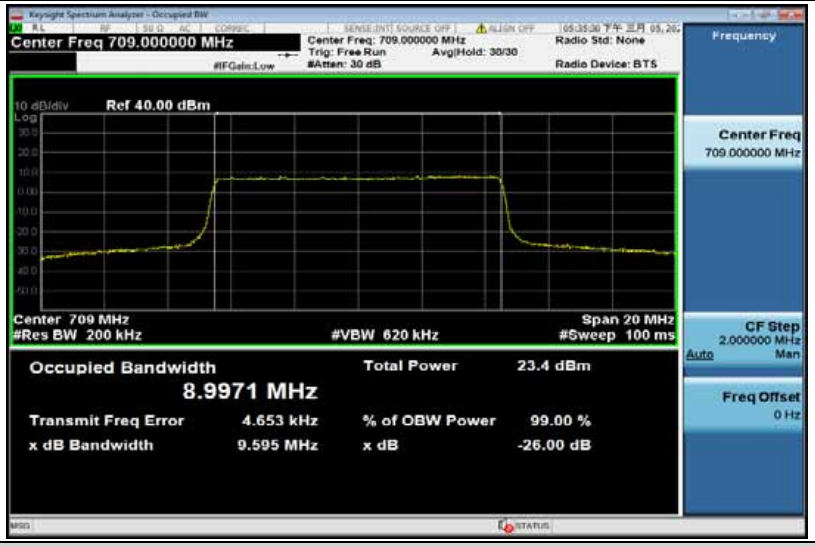


Band17-5MHz-16QAM-23790-25RB#0-4.5110

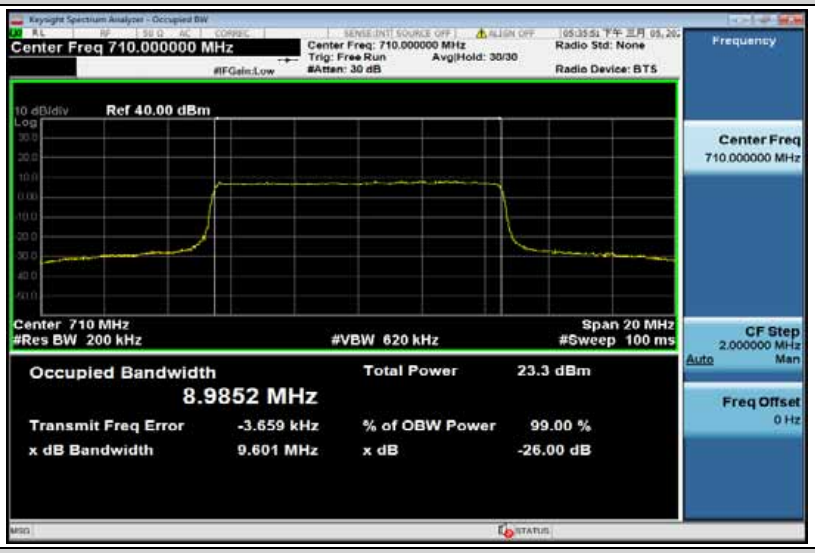


Band17-5MHz-16QAM-23825-25RB#0-4.4942

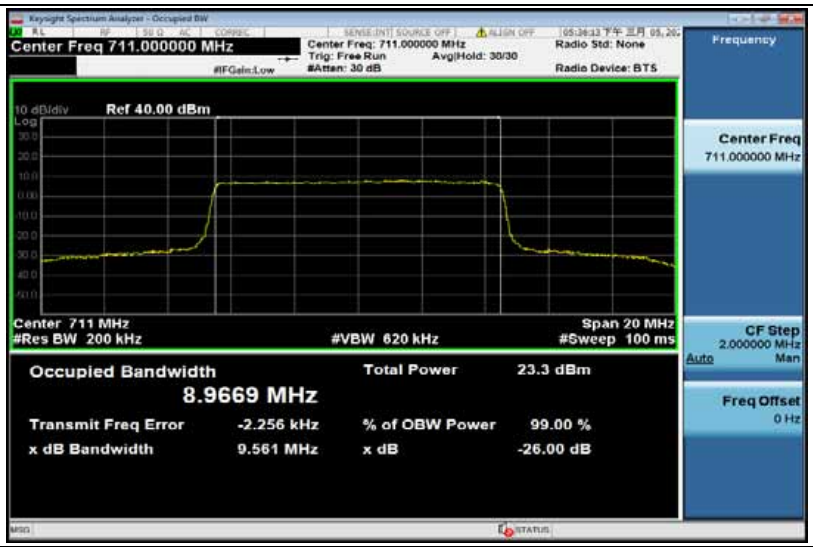
Band17-10MHz-QPSK-23780-50RB#0-8.9971



Band17-10MHz-QPSK-23790-50RB#0-8.9852

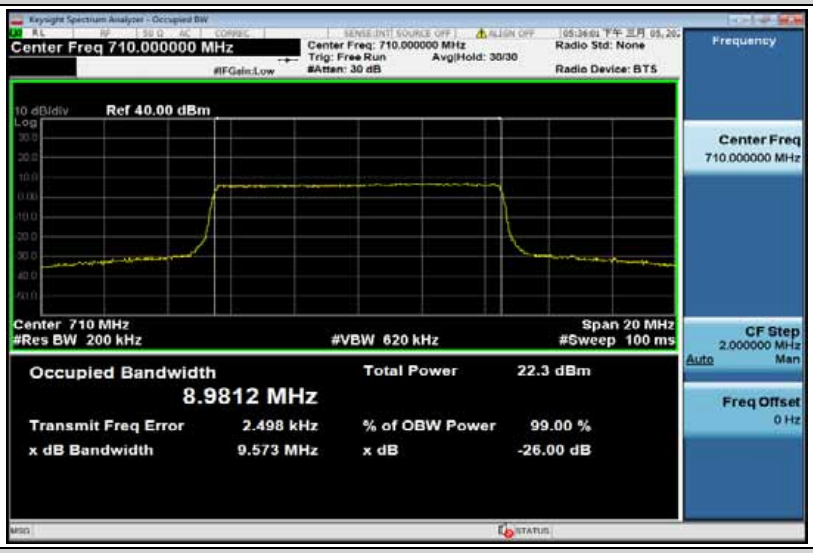


Band17-10MHz-QPSK-23800-50RB#0-8.9669

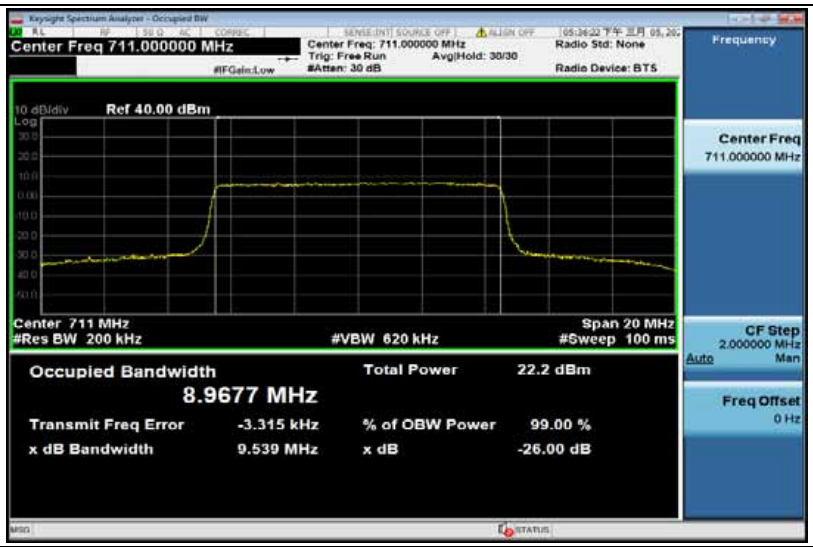


Band17-10MHz-16QAM-23780-50RB#0-8.9833

Band17-10MHz-16QAM-23790-50RB#0-8.9812



Band17-10MHz-16QAM-23800-50RB#0-8.9677


Keysight Spectrum Analyzer - Occupied BW
Center Freq 711.000000 MHz
#IFGain:Low
Center Freq: 711.000000 MHz
Trig: Free Run
Avg|Hold: 30/30
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
Center Freq
711.000000 MHz
Center 711 MHz
#Res BW 200 kHz
#VBW 620 kHz
Span 20 MHz
#Sweep 100 ms
CF Step
2.000000 MHz
Auto
Man
Occupied Bandwidth
8.9677 MHz
Total Power
22.2 dBm
Transmit Freq Error
-3.315 kHz
% of OBW Power
99.00 %
x dB Bandwidth
9.539 MHz
x dB
-26.00 dB
Freq Offset
0 Hz
MSG
STATUS

Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band2	1.4MHz	QPSK	18607	1RB#5	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	PASS
Band2	3MHz	QPSK	18615	1RB#14	PASS
Band2	3MHz	QPSK	18615	1RB#0	PASS
Band2	3MHz	QPSK	18615	15RB#0	PASS
Band2	3MHz	QPSK	19185	1RB#0	PASS
Band2	3MHz	QPSK	19185	1RB#14	PASS
Band2	3MHz	QPSK	19185	15RB#0	PASS
Band2	3MHz	16QAM	18615	1RB#0	PASS
Band2	3MHz	16QAM	18615	1RB#14	PASS
Band2	3MHz	16QAM	18615	15RB#0	PASS
Band2	3MHz	16QAM	19185	1RB#0	PASS
Band2	3MHz	16QAM	19185	1RB#14	PASS
Band2	3MHz	16QAM	19185	15RB#0	PASS
Band2	5MHz	QPSK	18625	1RB#0	PASS
Band2	5MHz	QPSK	18625	1RB#24	PASS
Band2	5MHz	QPSK	18625	25RB#0	PASS
Band2	5MHz	QPSK	19175	1RB#0	PASS
Band2	5MHz	QPSK	19175	1RB#24	PASS
Band2	5MHz	QPSK	19175	25RB#0	PASS
Band2	5MHz	16QAM	18625	1RB#24	PASS
Band2	5MHz	16QAM	18625	1RB#0	PASS
Band2	5MHz	16QAM	18625	25RB#0	PASS
Band2	5MHz	16QAM	19175	1RB#0	PASS
Band2	5MHz	16QAM	19175	1RB#24	PASS
Band2	5MHz	16QAM	19175	25RB#0	PASS

Band2	10MHz	QPSK	18650	1RB#0	PASS
Band2	10MHz	QPSK	18650	1RB#49	PASS
Band2	10MHz	QPSK	18650	50RB#0	PASS
Band2	10MHz	QPSK	19150	1RB#0	PASS
Band2	10MHz	QPSK	19150	1RB#49	PASS
Band2	10MHz	QPSK	19150	50RB#0	PASS
Band2	10MHz	16QAM	18650	1RB#49	PASS
Band2	10MHz	16QAM	18650	1RB#0	PASS
Band2	10MHz	16QAM	18650	50RB#0	PASS
Band2	10MHz	16QAM	19150	1RB#49	PASS
Band2	10MHz	16QAM	19150	1RB#0	PASS
Band2	10MHz	16QAM	19150	50RB#0	PASS
Band2	15MHz	QPSK	18675	1RB#0	PASS
Band2	15MHz	QPSK	18675	1RB#74	PASS
Band2	15MHz	QPSK	18675	75RB#0	PASS
Band2	15MHz	QPSK	19125	1RB#74	PASS
Band2	15MHz	QPSK	19125	1RB#0	PASS
Band2	15MHz	QPSK	19125	75RB#0	PASS
Band2	15MHz	16QAM	18675	1RB#0	PASS
Band2	15MHz	16QAM	18675	1RB#74	PASS
Band2	15MHz	16QAM	18675	75RB#0	PASS
Band2	15MHz	16QAM	19125	1RB#74	PASS
Band2	15MHz	16QAM	19125	1RB#0	PASS
Band2	15MHz	16QAM	19125	75RB#0	PASS
Band2	20MHz	QPSK	18700	1RB#0	PASS
Band2	20MHz	QPSK	18700	1RB#99	PASS
Band2	20MHz	QPSK	18700	100RB#0	PASS
Band2	20MHz	QPSK	19100	1RB#99	PASS
Band2	20MHz	QPSK	19100	1RB#0	PASS
Band2	20MHz	QPSK	19100	100RB#0	PASS
Band2	20MHz	16QAM	18700	1RB#99	PASS
Band2	20MHz	16QAM	18700	1RB#0	PASS
Band2	20MHz	16QAM	18700	100RB#0	PASS
Band2	20MHz	16QAM	19100	1RB#0	PASS
Band2	20MHz	16QAM	19100	1RB#99	PASS
Band2	20MHz	16QAM	19100	100RB#0	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	PASS

Band4	1.4MHz	16QAM	19957	1RB#5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	PASS
Band4	3MHz	QPSK	19965	1RB#0	PASS
Band4	3MHz	QPSK	19965	1RB#14	PASS
Band4	3MHz	QPSK	19965	15RB#0	PASS
Band4	3MHz	QPSK	20385	1RB#0	PASS
Band4	3MHz	QPSK	20385	1RB#14	PASS
Band4	3MHz	QPSK	20385	15RB#0	PASS
Band4	3MHz	16QAM	19965	1RB#0	PASS
Band4	3MHz	16QAM	19965	1RB#14	PASS
Band4	3MHz	16QAM	19965	15RB#0	PASS
Band4	3MHz	16QAM	20385	1RB#0	PASS
Band4	3MHz	16QAM	20385	1RB#14	PASS
Band4	3MHz	16QAM	20385	15RB#0	PASS
Band4	5MHz	QPSK	19975	1RB#24	PASS
Band4	5MHz	QPSK	19975	1RB#0	PASS
Band4	5MHz	QPSK	19975	25RB#0	PASS
Band4	5MHz	QPSK	20375	1RB#0	PASS
Band4	5MHz	QPSK	20375	1RB#24	PASS
Band4	5MHz	QPSK	20375	25RB#0	PASS
Band4	5MHz	16QAM	19975	1RB#0	PASS
Band4	5MHz	16QAM	19975	1RB#24	PASS
Band4	5MHz	16QAM	19975	25RB#0	PASS
Band4	5MHz	16QAM	20375	1RB#0	PASS
Band4	5MHz	16QAM	20375	1RB#24	PASS
Band4	5MHz	16QAM	20375	25RB#0	PASS
Band4	10MHz	QPSK	20000	1RB#49	PASS
Band4	10MHz	QPSK	20000	1RB#0	PASS
Band4	10MHz	QPSK	20000	50RB#0	PASS
Band4	10MHz	QPSK	20350	1RB#0	PASS
Band4	10MHz	QPSK	20350	1RB#49	PASS
Band4	10MHz	QPSK	20350	50RB#0	PASS
Band4	10MHz	16QAM	20000	1RB#0	PASS
Band4	10MHz	16QAM	20000	1RB#49	PASS
Band4	10MHz	16QAM	20000	50RB#0	PASS
Band4	10MHz	16QAM	20350	1RB#0	PASS
Band4	10MHz	16QAM	20350	1RB#49	PASS
Band4	10MHz	16QAM	20350	50RB#0	PASS
Band4	15MHz	QPSK	20025	1RB#74	PASS
Band4	15MHz	QPSK	20025	1RB#0	PASS

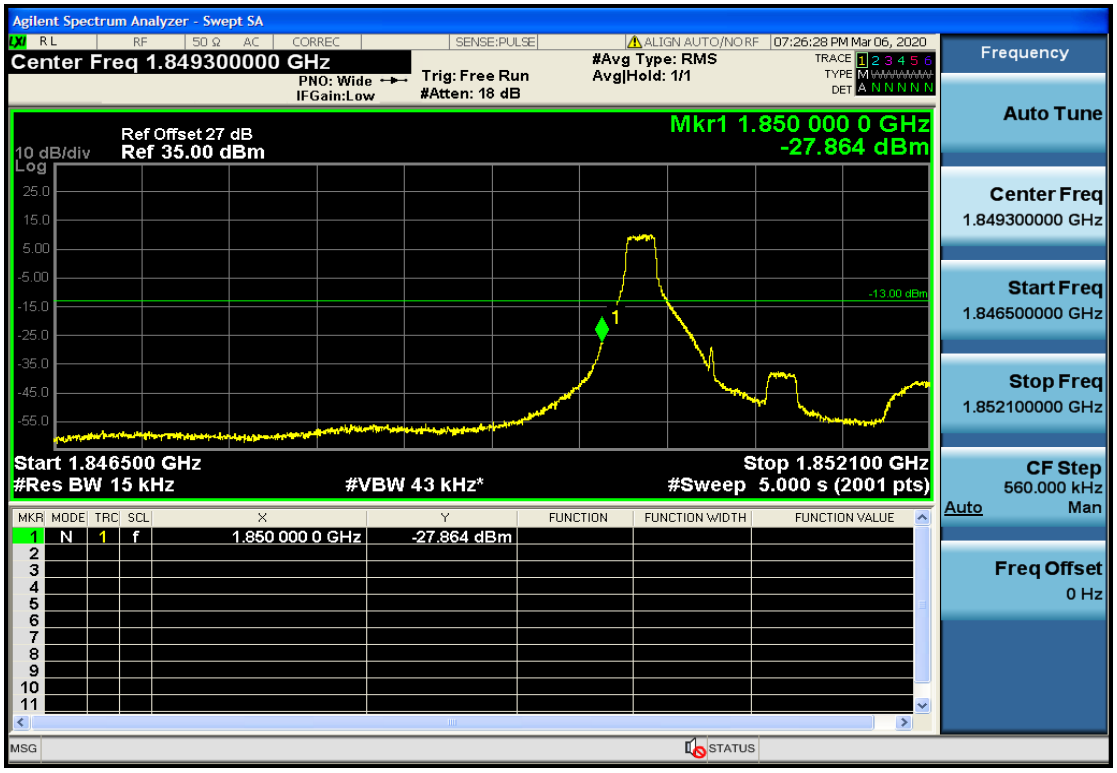
Band4	15MHz	QPSK	20025	75RB#0	PASS
Band4	15MHz	QPSK	20325	1RB#0	PASS
Band4	15MHz	QPSK	20325	1RB#74	PASS
Band4	15MHz	QPSK	20325	75RB#0	PASS
Band4	15MHz	16QAM	20025	1RB#0	PASS
Band4	15MHz	16QAM	20025	1RB#74	PASS
Band4	15MHz	16QAM	20025	75RB#0	PASS
Band4	15MHz	16QAM	20325	1RB#0	PASS
Band4	15MHz	16QAM	20325	1RB#74	PASS
Band4	15MHz	16QAM	20325	75RB#0	PASS
Band4	20MHz	QPSK	20050	1RB#0	PASS
Band4	20MHz	QPSK	20050	1RB#99	PASS
Band4	20MHz	QPSK	20050	100RB#0	PASS
Band4	20MHz	QPSK	20300	1RB#99	PASS
Band4	20MHz	QPSK	20300	1RB#0	PASS
Band4	20MHz	QPSK	20300	100RB#0	PASS
Band4	20MHz	16QAM	20050	1RB#0	PASS
Band4	20MHz	16QAM	20050	1RB#99	PASS
Band4	20MHz	16QAM	20050	100RB#0	PASS
Band4	20MHz	16QAM	20300	1RB#0	PASS
Band4	20MHz	16QAM	20300	1RB#99	PASS
Band4	20MHz	16QAM	20300	100RB#0	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	PASS
Band12	3MHz	QPSK	23025	1RB#0	PASS
Band12	3MHz	QPSK	23025	1RB#14	PASS
Band12	3MHz	QPSK	23025	15RB#0	PASS
Band12	3MHz	QPSK	23165	1RB#0	PASS
Band12	3MHz	QPSK	23165	1RB#14	PASS
Band12	3MHz	QPSK	23165	15RB#0	PASS
Band12	3MHz	16QAM	23025	1RB#0	PASS
Band12	3MHz	16QAM	23025	1RB#14	PASS
Band12	3MHz	16QAM	23025	15RB#0	PASS

Band12	3MHz	16QAM	23165	1RB#14	PASS
Band12	3MHz	16QAM	23165	1RB#0	PASS
Band12	3MHz	16QAM	23165	15RB#0	PASS
Band12	5MHz	QPSK	23035	1RB#0	PASS
Band12	5MHz	QPSK	23035	1RB#24	PASS
Band12	5MHz	QPSK	23035	25RB#0	PASS
Band12	5MHz	QPSK	23155	1RB#24	PASS
Band12	5MHz	QPSK	23155	1RB#0	PASS
Band12	5MHz	QPSK	23155	25RB#0	PASS
Band12	5MHz	16QAM	23035	1RB#24	PASS
Band12	5MHz	16QAM	23035	1RB#0	PASS
Band12	5MHz	16QAM	23035	25RB#0	PASS
Band12	5MHz	16QAM	23155	1RB#0	PASS
Band12	5MHz	16QAM	23155	1RB#24	PASS
Band12	5MHz	16QAM	23155	25RB#0	PASS
Band12	10MHz	QPSK	23060	1RB#49	PASS
Band12	10MHz	QPSK	23060	1RB#0	PASS
Band12	10MHz	QPSK	23060	50RB#0	PASS
Band12	10MHz	QPSK	23130	1RB#49	PASS
Band12	10MHz	QPSK	23130	1RB#0	PASS
Band12	10MHz	QPSK	23130	50RB#0	PASS
Band12	10MHz	16QAM	23060	1RB#0	PASS
Band12	10MHz	16QAM	23060	1RB#49	PASS
Band12	10MHz	16QAM	23060	50RB#0	PASS
Band12	10MHz	16QAM	23130	1RB#49	PASS
Band12	10MHz	16QAM	23130	1RB#0	PASS
Band12	10MHz	16QAM	23130	50RB#0	PASS
Band17	5MHz	QPSK	23755	1RB#0	PASS
Band17	5MHz	QPSK	23755	1RB#24	PASS
Band17	5MHz	QPSK	23755	25RB#0	PASS
Band17	5MHz	QPSK	23825	1RB#0	PASS
Band17	5MHz	QPSK	23825	1RB#24	PASS
Band17	5MHz	QPSK	23825	25RB#0	PASS
Band17	5MHz	16QAM	23755	1RB#0	PASS
Band17	5MHz	16QAM	23755	1RB#24	PASS
Band17	5MHz	16QAM	23755	25RB#0	PASS
Band17	5MHz	16QAM	23825	1RB#0	PASS
Band17	5MHz	16QAM	23825	1RB#24	PASS
Band17	5MHz	16QAM	23825	25RB#0	PASS
Band17	10MHz	QPSK	23780	1RB#49	PASS
Band17	10MHz	QPSK	23780	1RB#0	PASS
Band17	10MHz	QPSK	23780	50RB#0	PASS
Band17	10MHz	QPSK	23800	1RB#0	PASS

Band17	10MHz	QPSK	23800	1RB#49	PASS
Band17	10MHz	QPSK	23800	50RB#0	PASS
Band17	10MHz	16QAM	23780	1RB#0	PASS
Band17	10MHz	16QAM	23780	1RB#49	PASS
Band17	10MHz	16QAM	23780	50RB#0	PASS
Band17	10MHz	16QAM	23800	1RB#0	PASS
Band17	10MHz	16QAM	23800	1RB#49	PASS
Band17	10MHz	16QAM	23800	50RB#0	PASS

Test Graphs

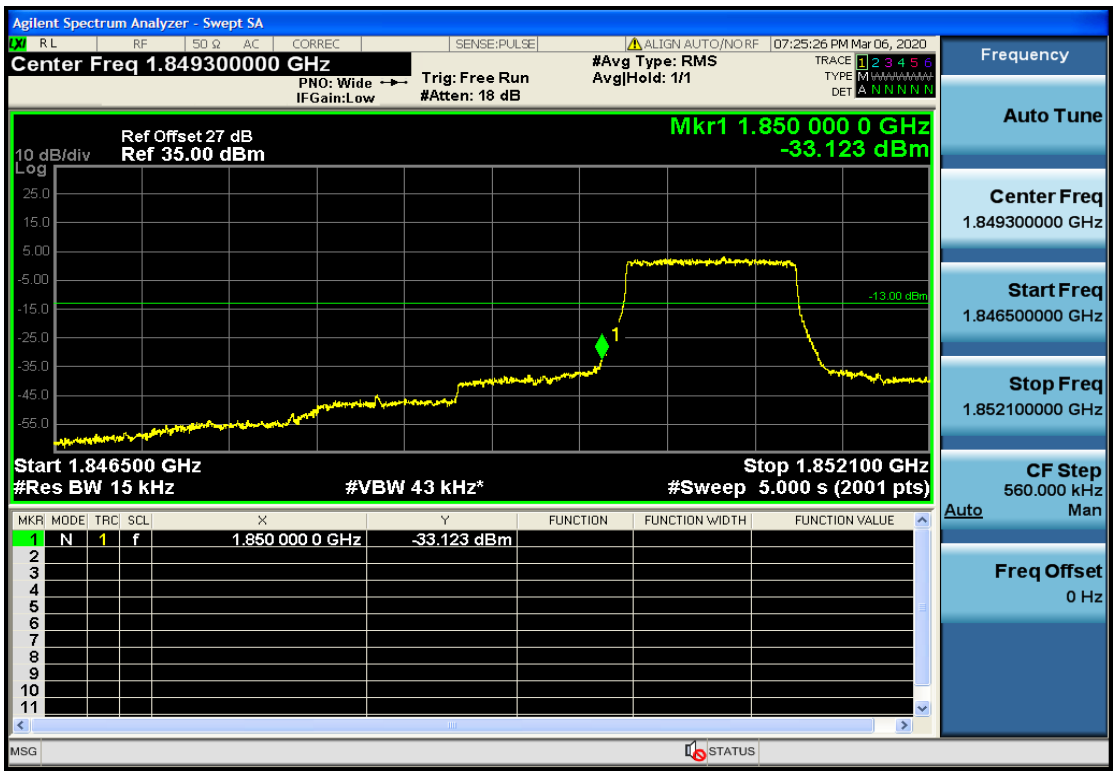
Band2-1.4-1850.7-16QAM-1#LOW@Pass



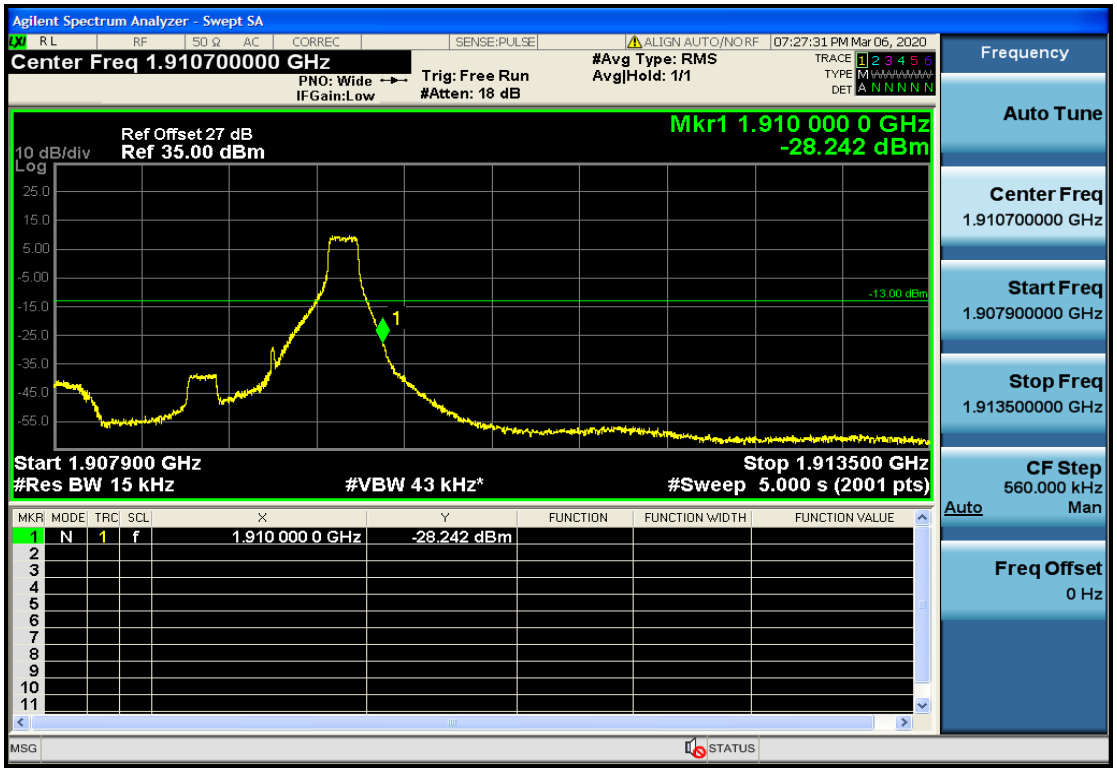
Band2-1.4-1850.7-16QAM-6#LOW@Pass

Band2-1.4-1850.7-QPSK-1#LOW@Pass

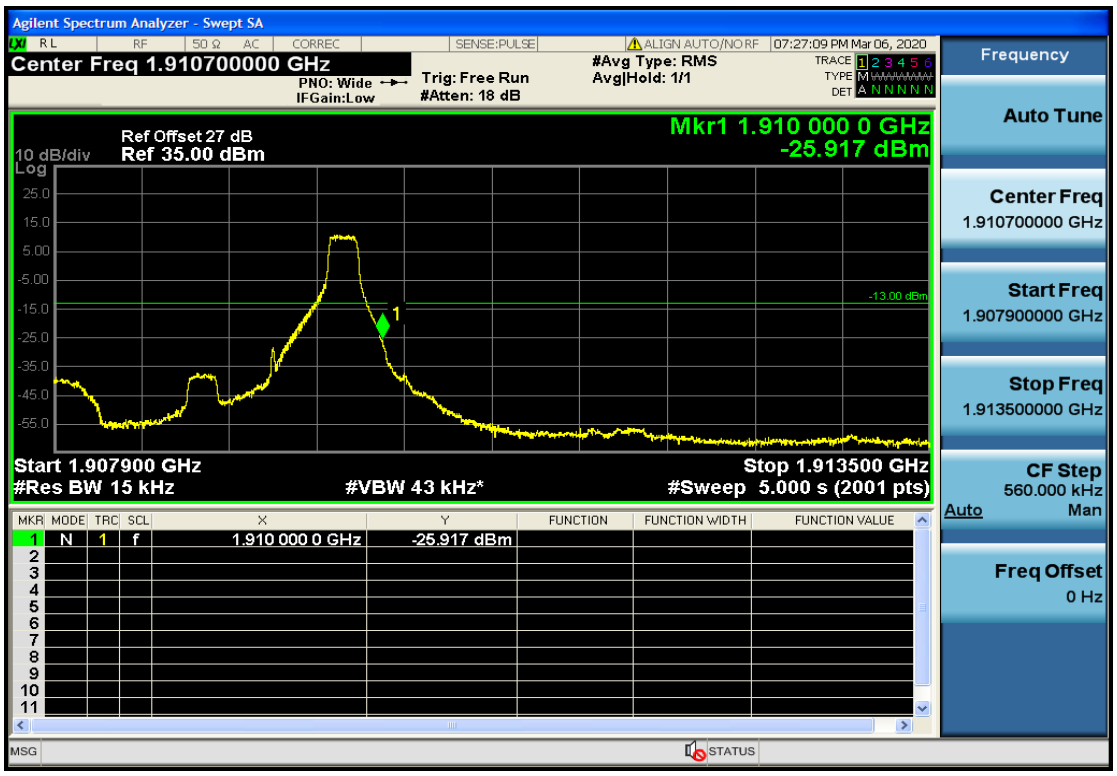
Band2-1.4-1850.7-QPSK-6#LOW@Pass



Band2-1.4-1909.3-16QAM-1#HIGH@Pass

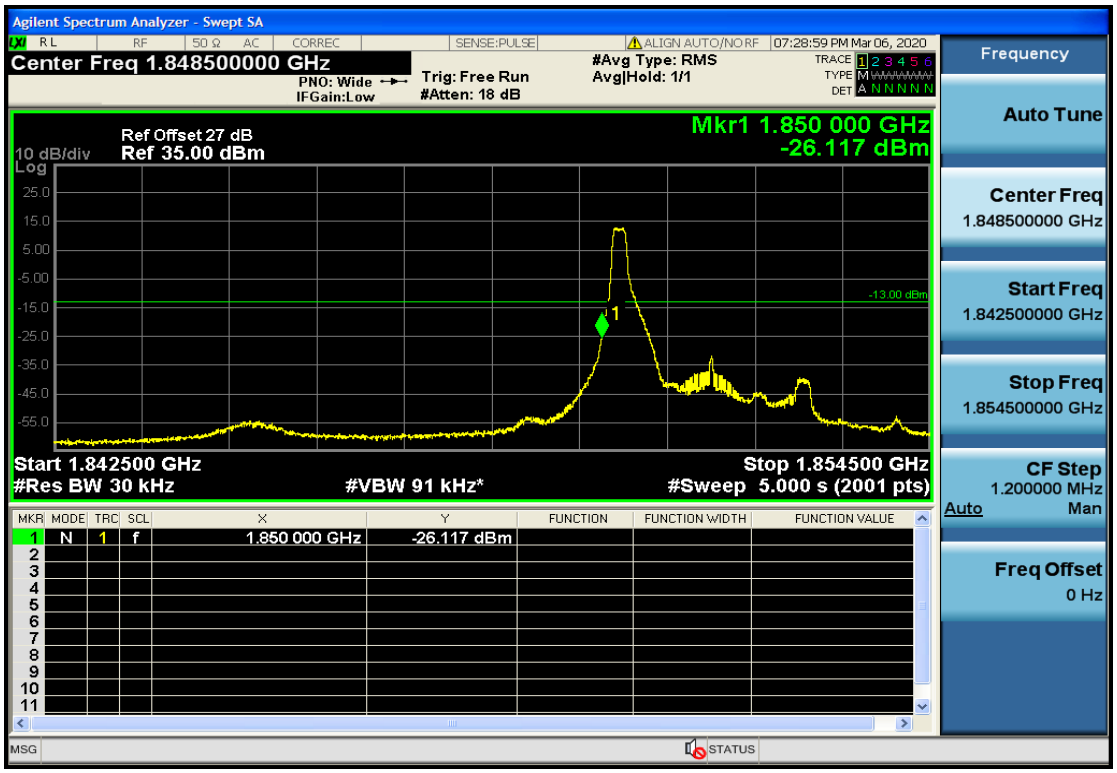


Band2-1.4-1909.3-QPSK-1#HIGH@Pass

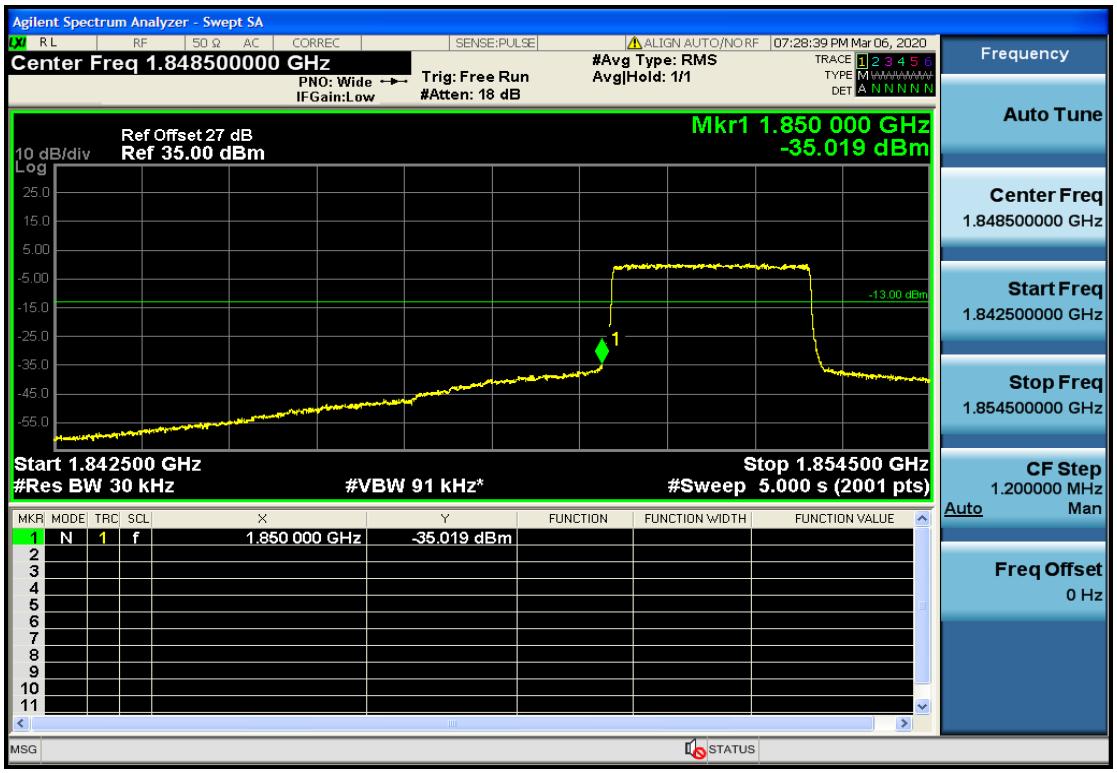


Band2-1.4-1909.3-QPSK-6#LOW@Pass

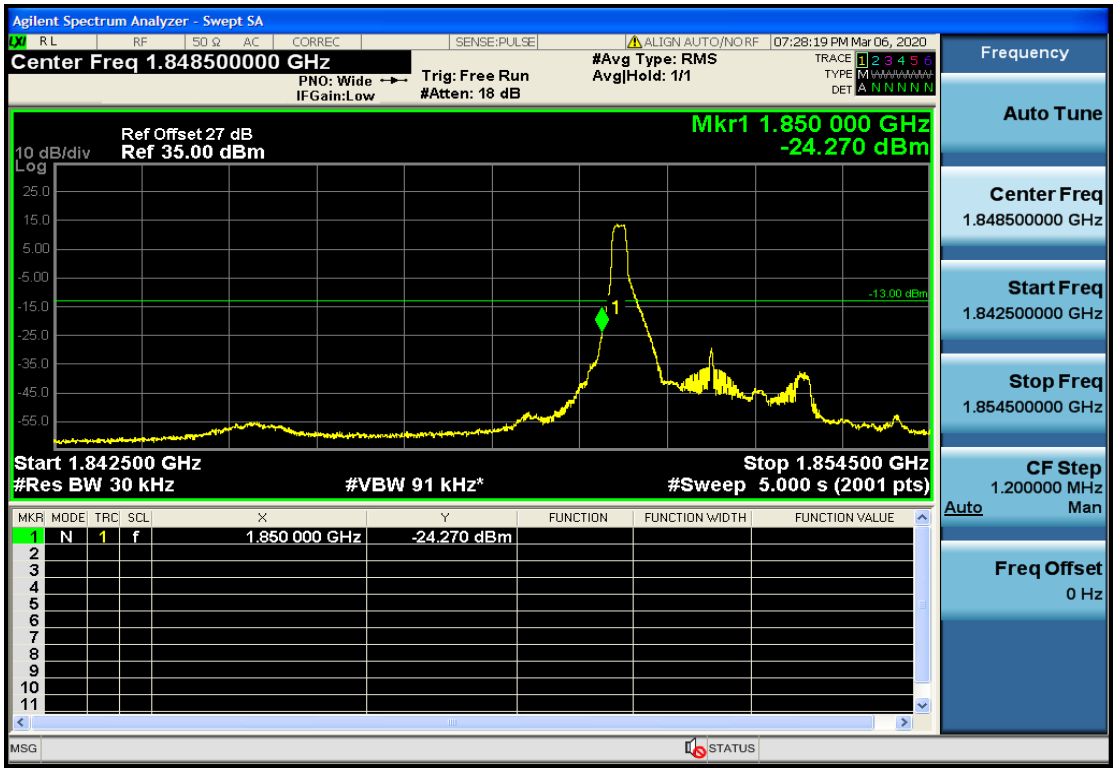
Band2-3-1851.5-16QAM-1#LOW@Pass



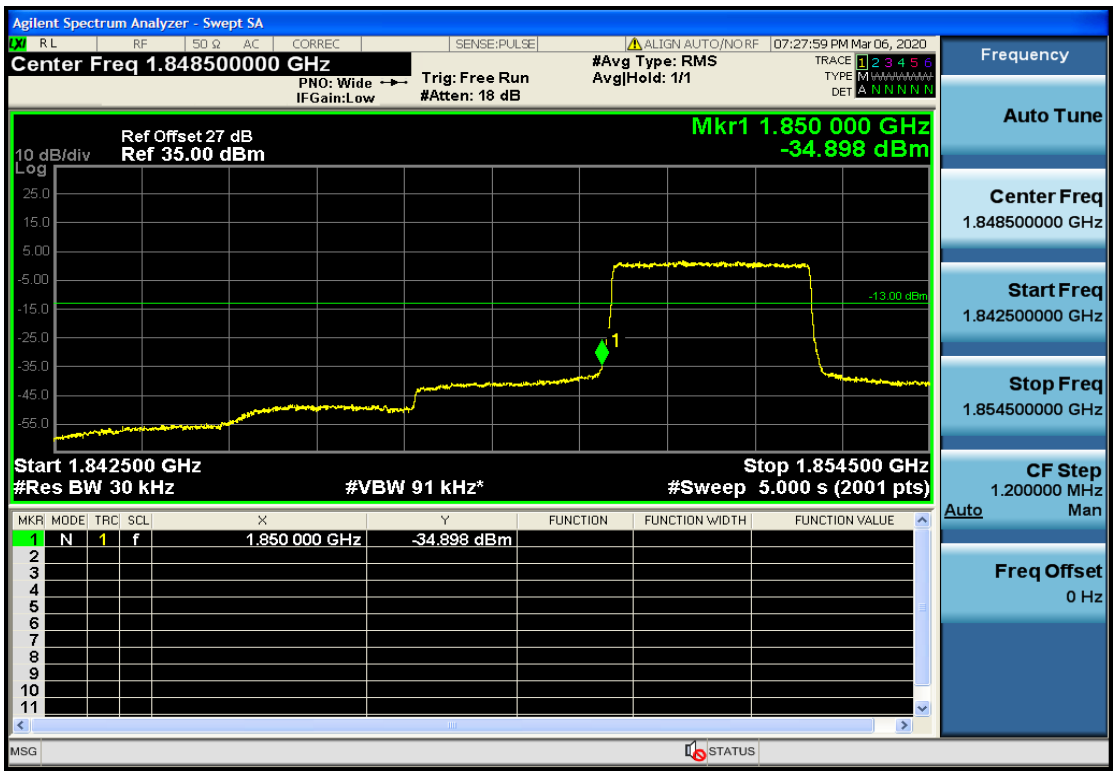
Band2-3-1851.5-16QAM-15#LOW@Pass



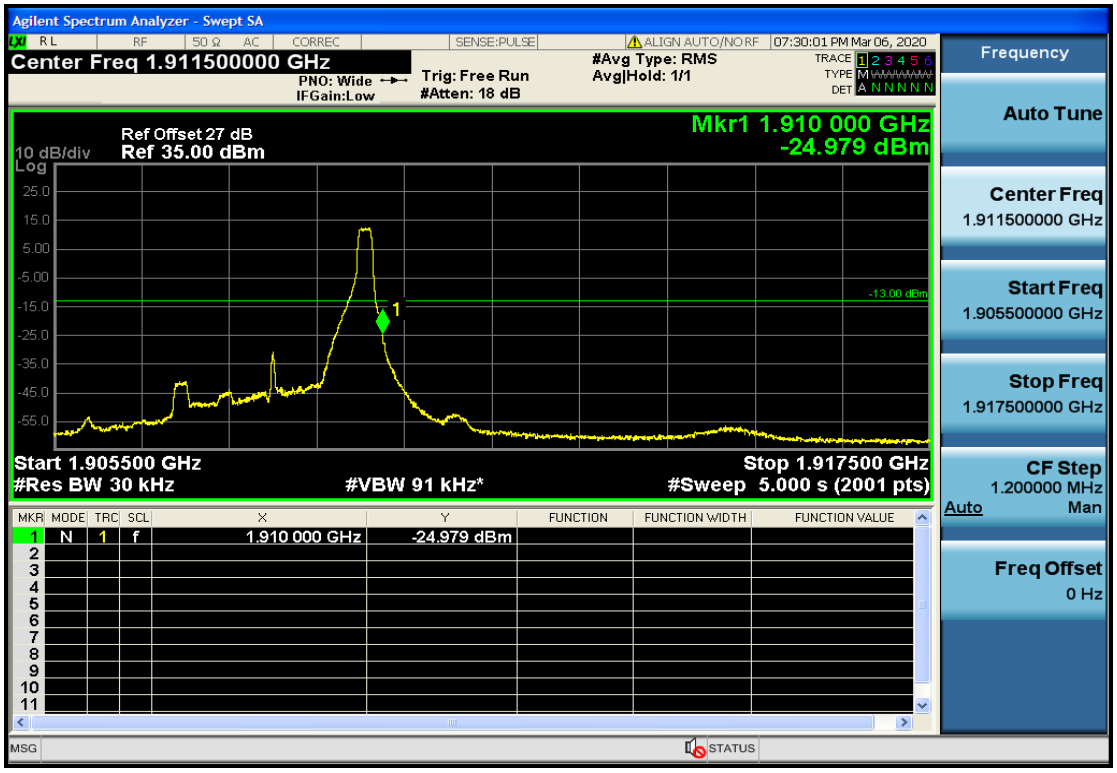
Band2-3-1851.5-QPSK-1#LOW@Pass



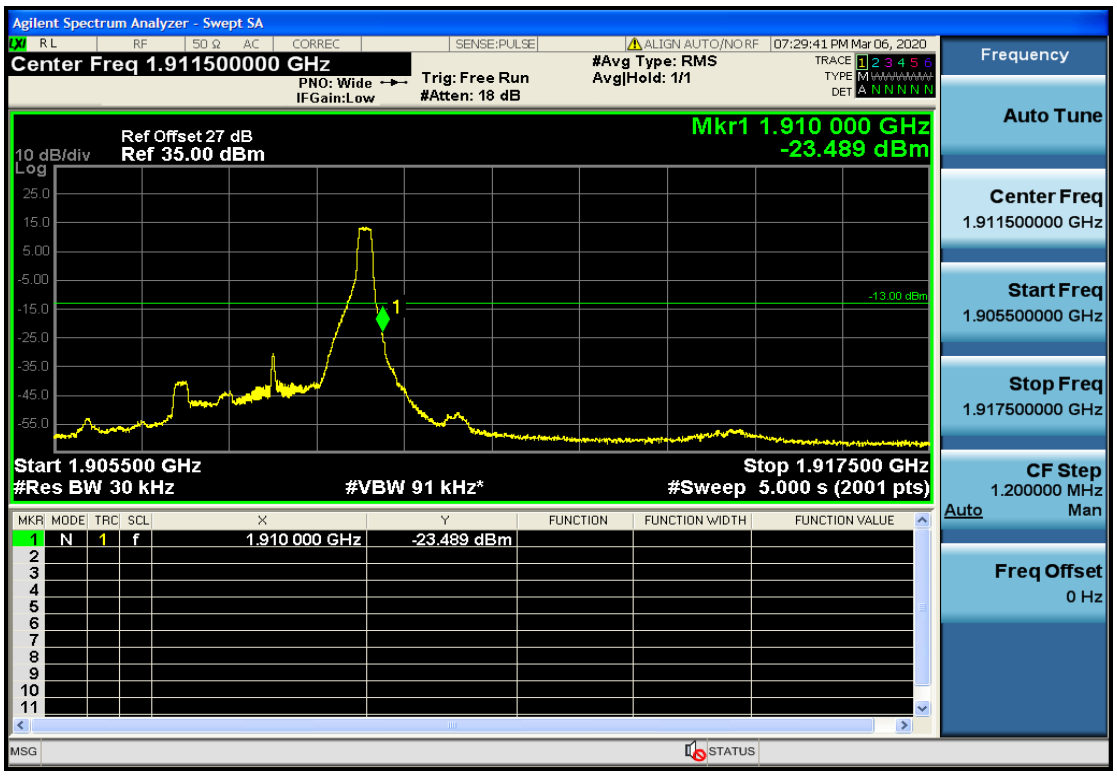
Band2-3-1851.5-QPSK-15#LOW@Pass



Band2-3-1908.5-16QAM-1#HIGH@Pass

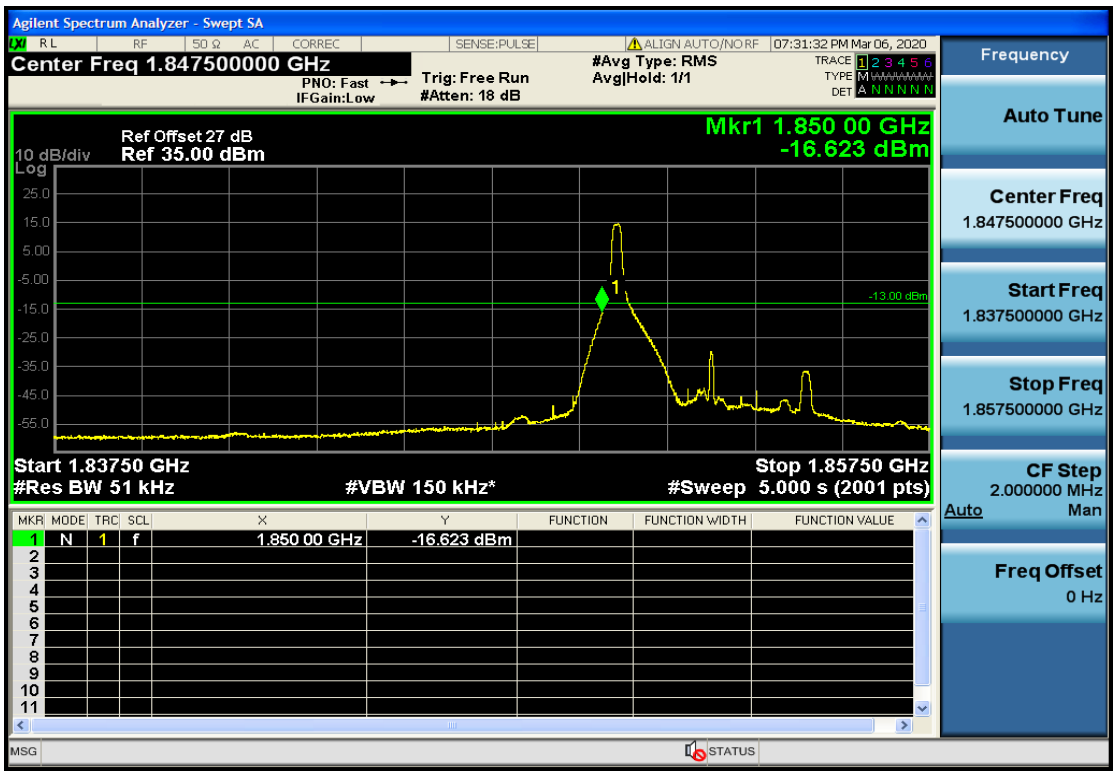


Band2-3-1908.5-QPSK-1#HIGH@Pass

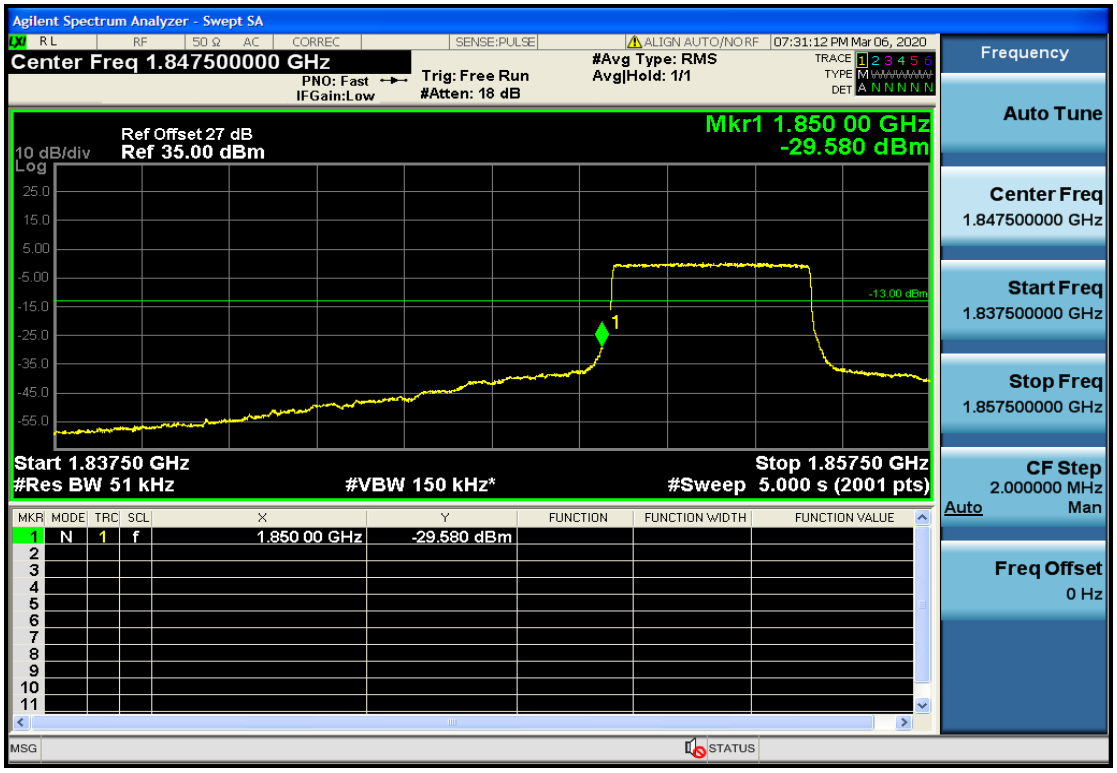


Band2-3-1908.5-QPSK-15#LOW@Pass

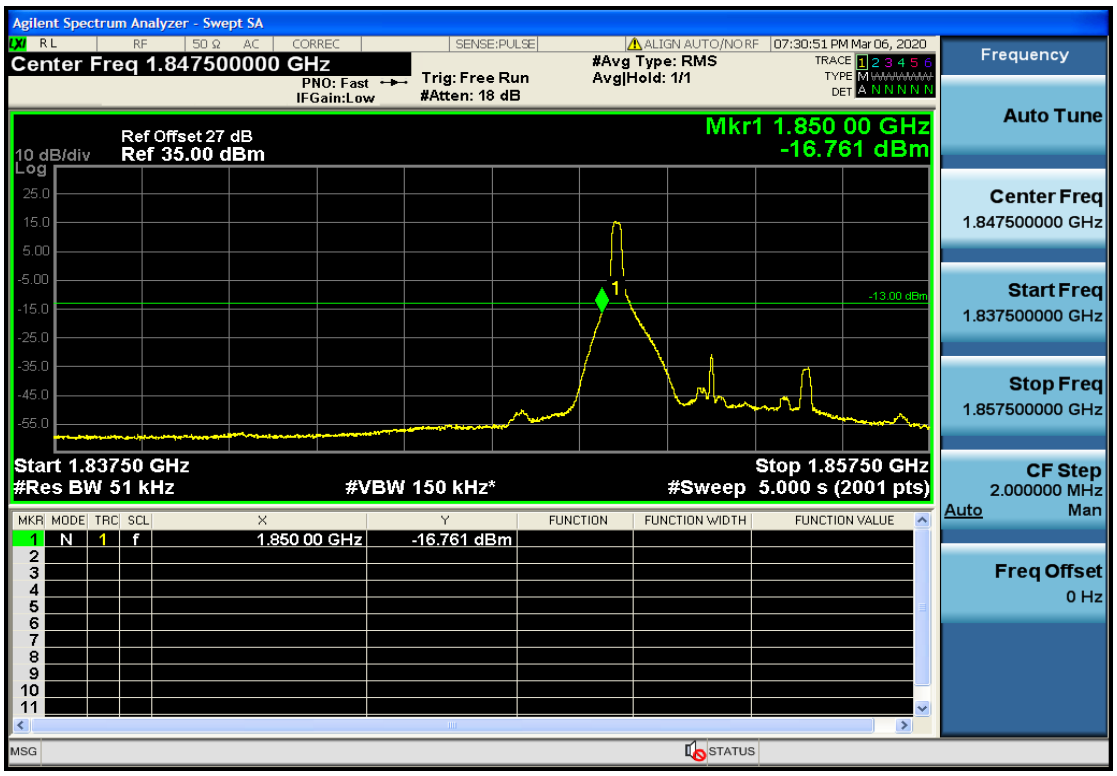
Band2-5-1852.5-16QAM-1#LOW@Pass



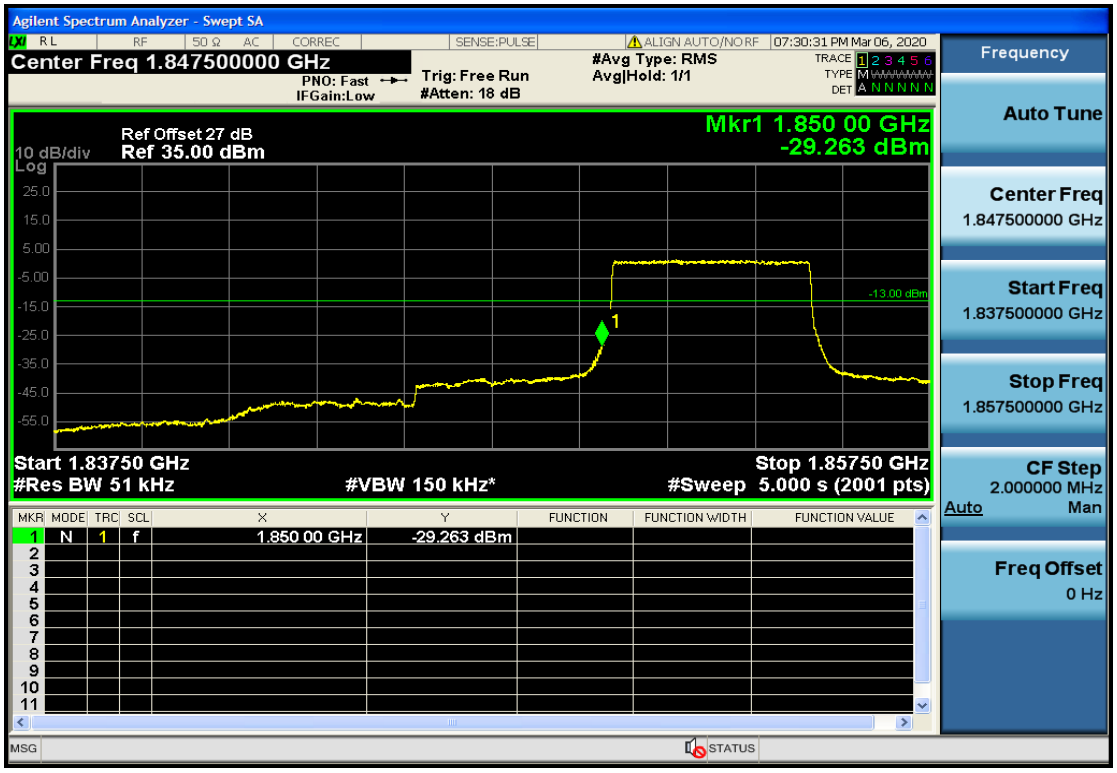
Band2-5-1852.5-16QAM-25#LOW@Pass



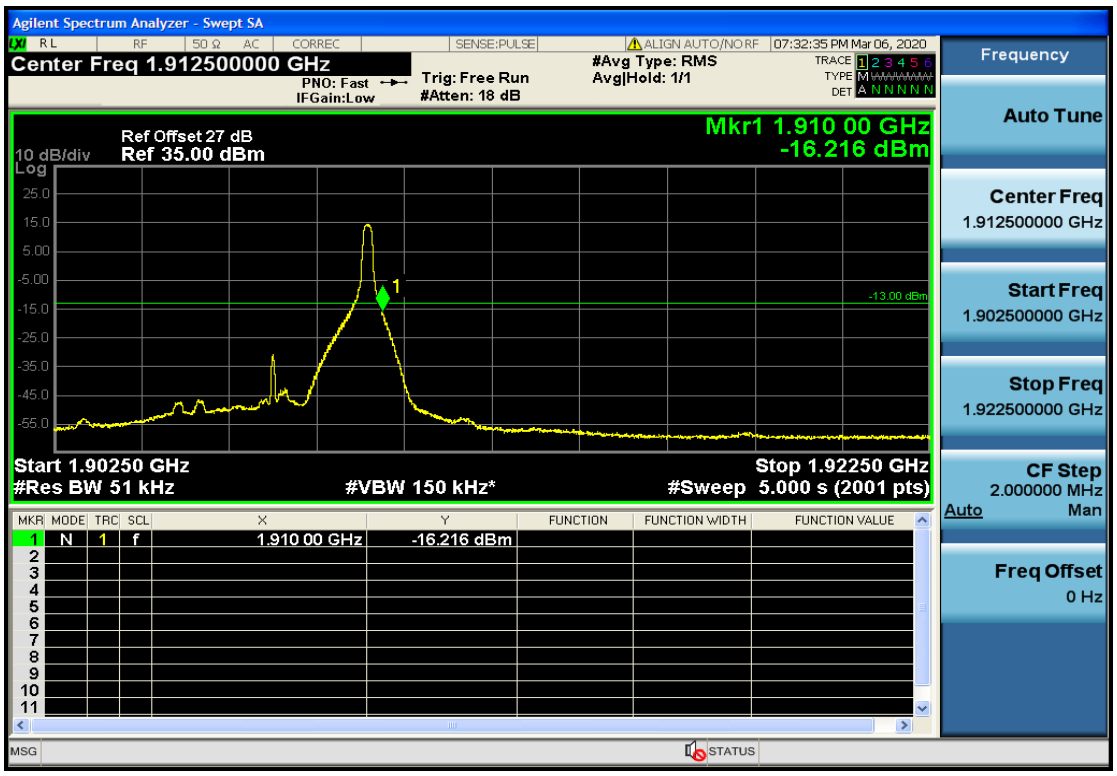
Band2-5-1852.5-QPSK-1#LOW@Pass



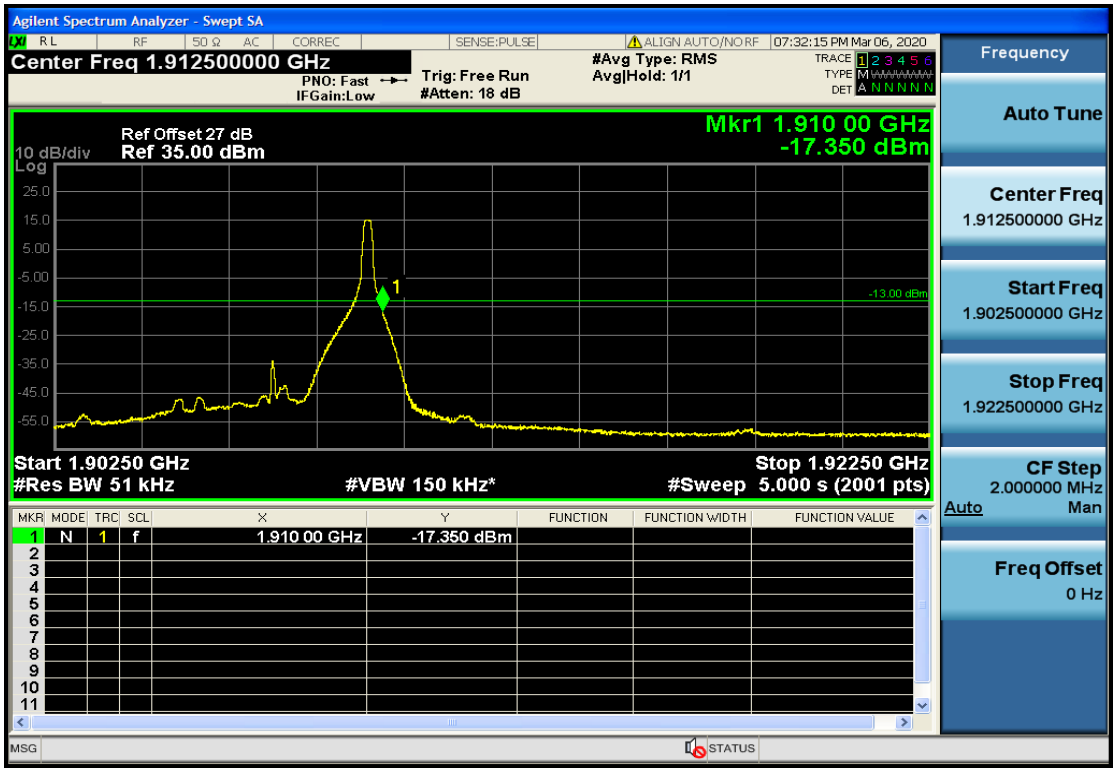
Band2-5-1852.5-QPSK-25#LOW@Pass



Band2-5-1907.5-16QAM-1#HIGH@Pass

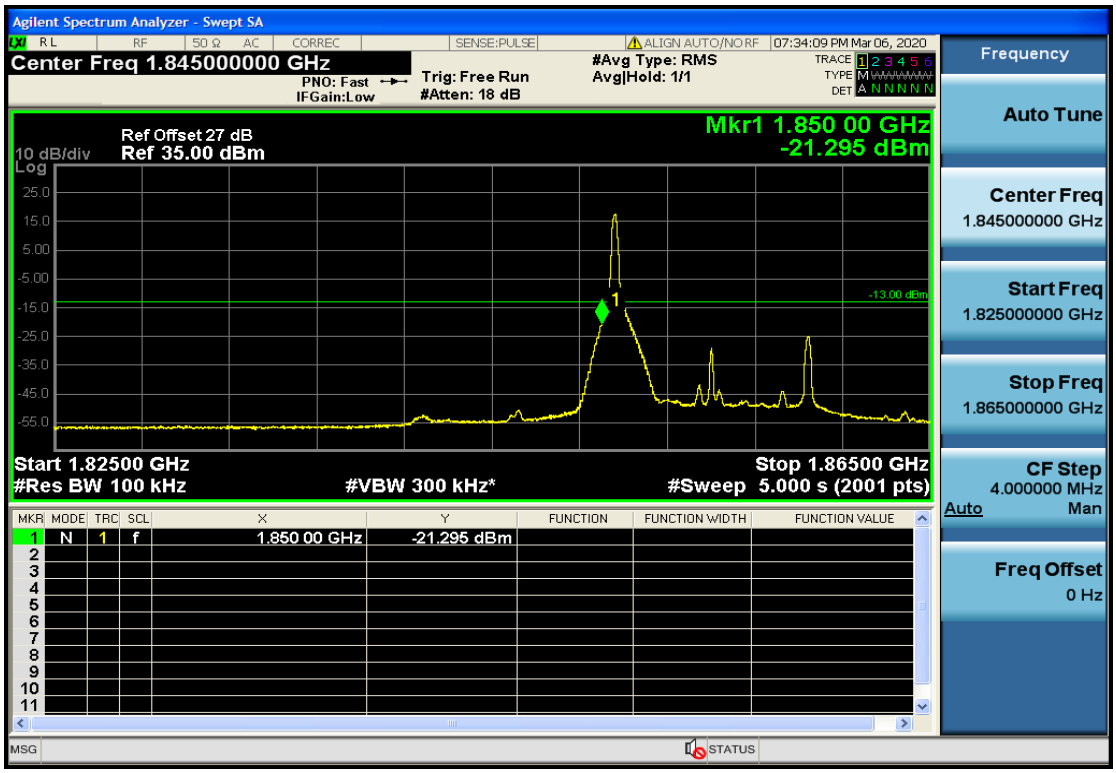


Band2-5-1907.5-QPSK-1#HIGH@Pass

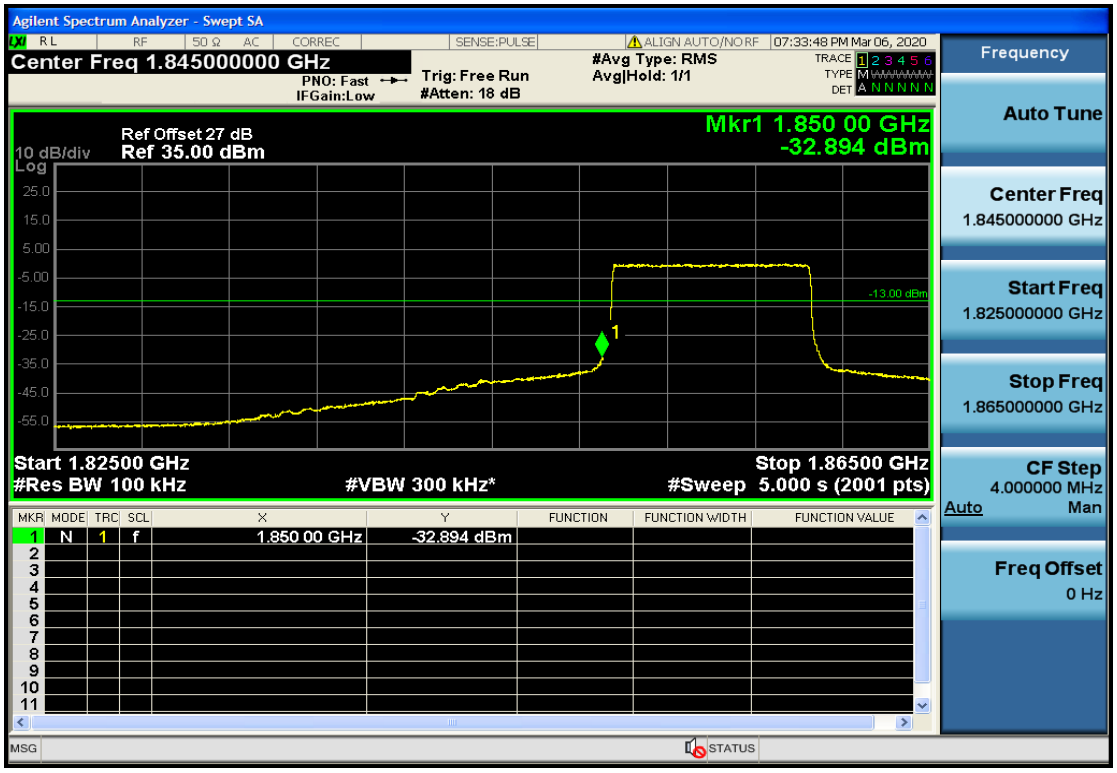


Band2-5-1907.5-QPSK-25#LOW@Pass

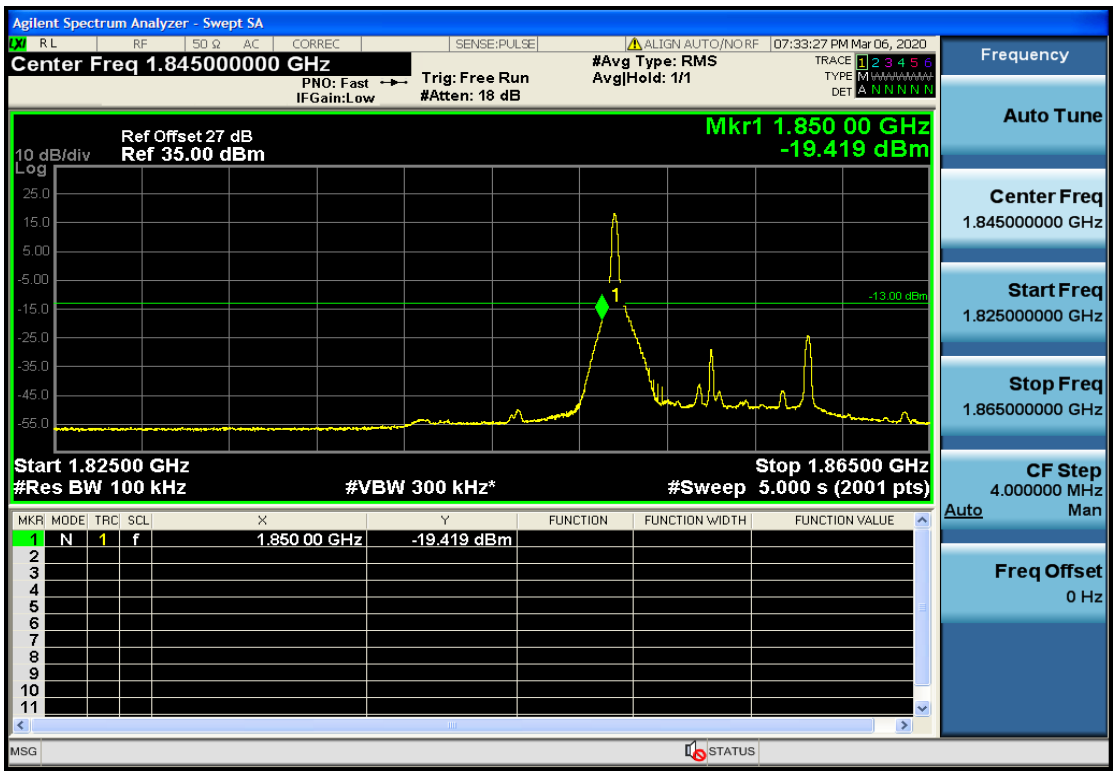
Band2-10-1855-16QAM-1#LOW@Pass



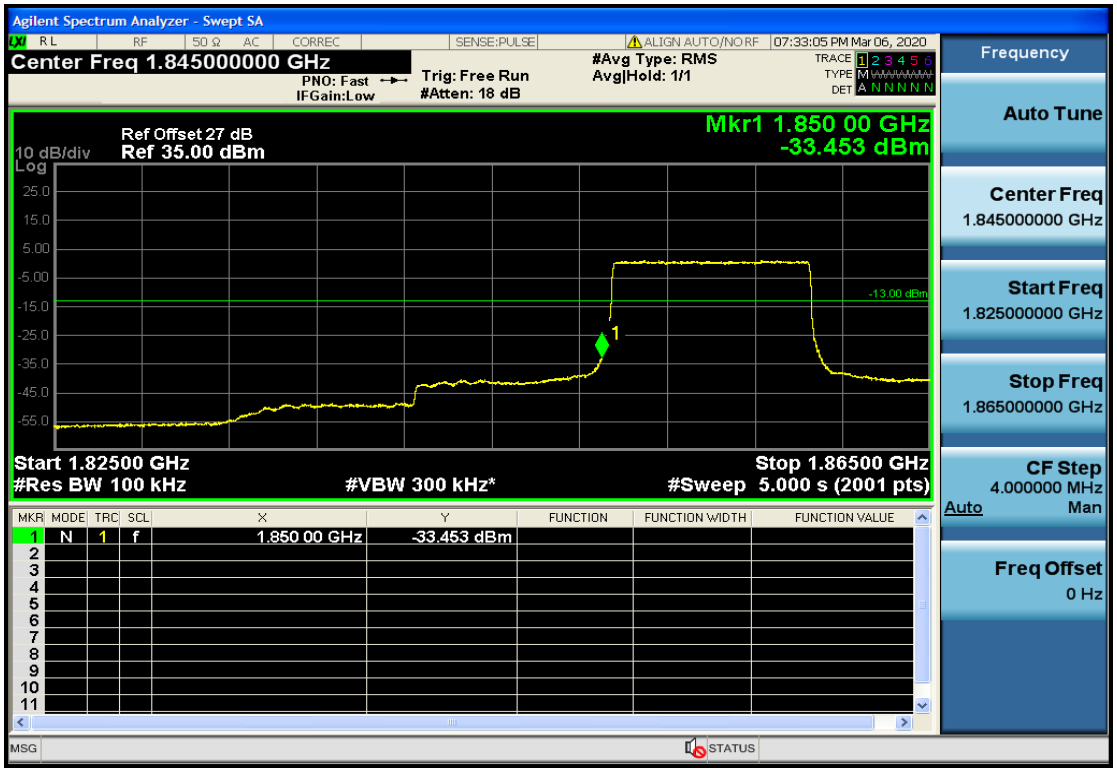
Band2-10-1855-16QAM-50#LOW@Pass



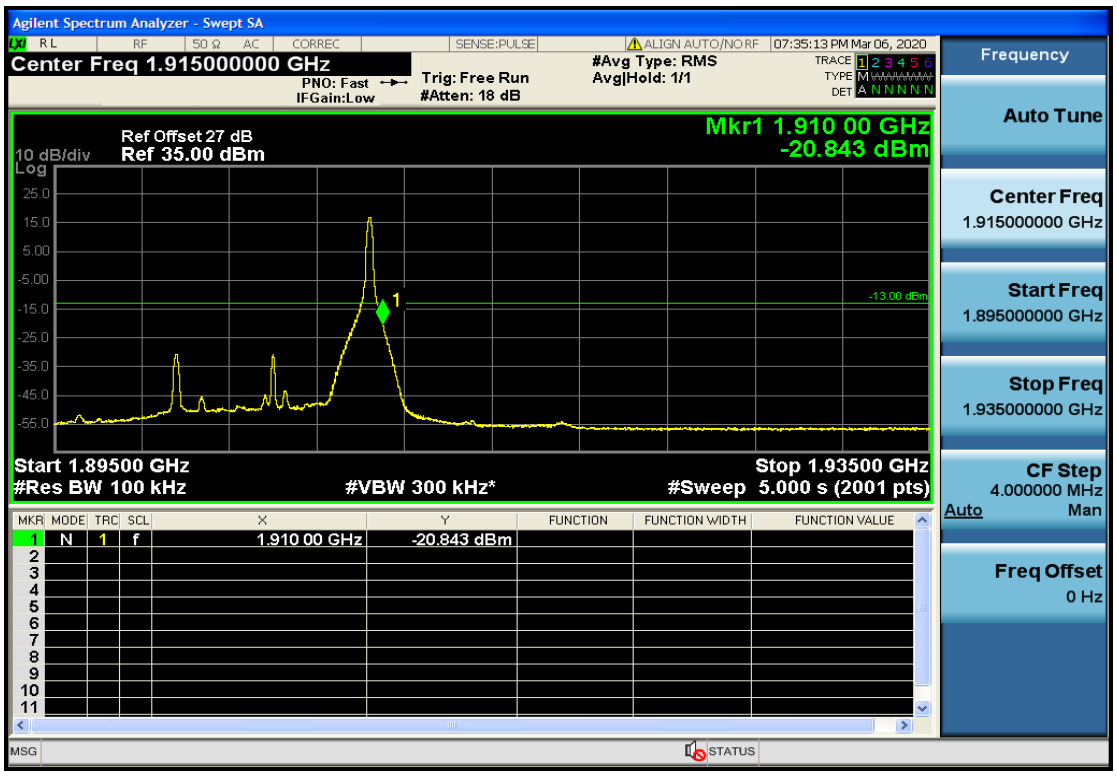
Band2-10-1855-QPSK-1#LOW@Pass



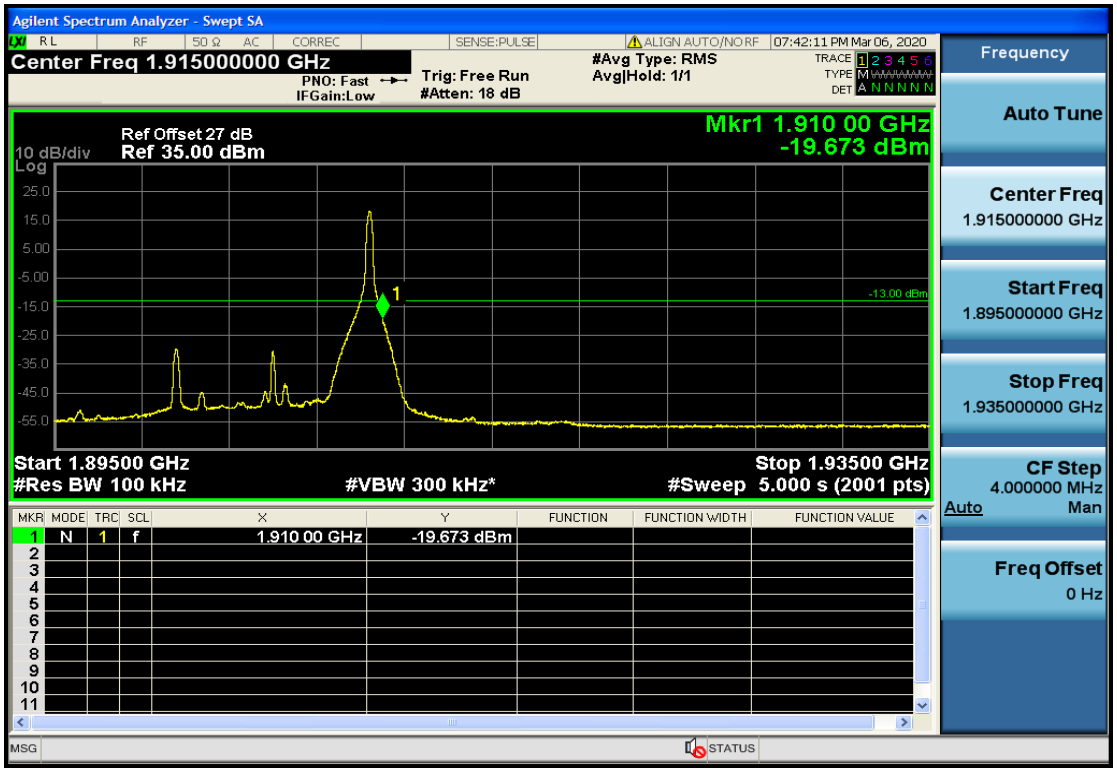
Band2-10-1855-QPSK-50#LOW@Pass



Band2-10-1905-16QAM-1#HIGH@Pass

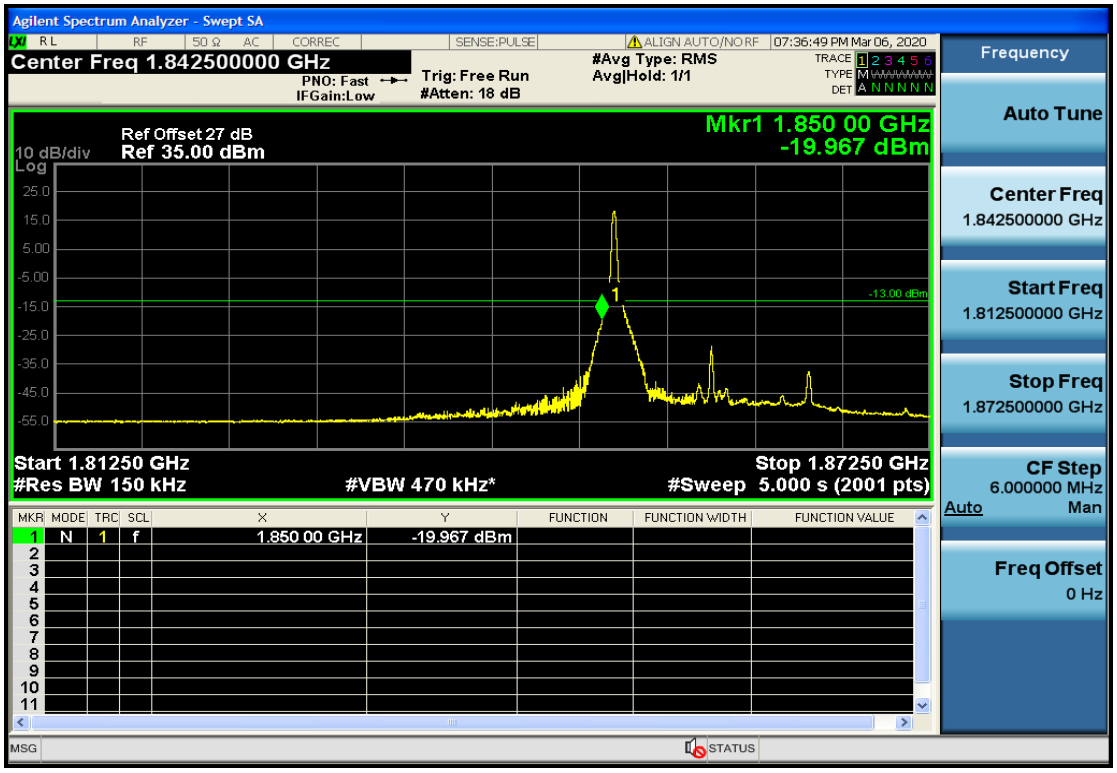


Band2-10-1905-QPSK-1#HIGH@Pass

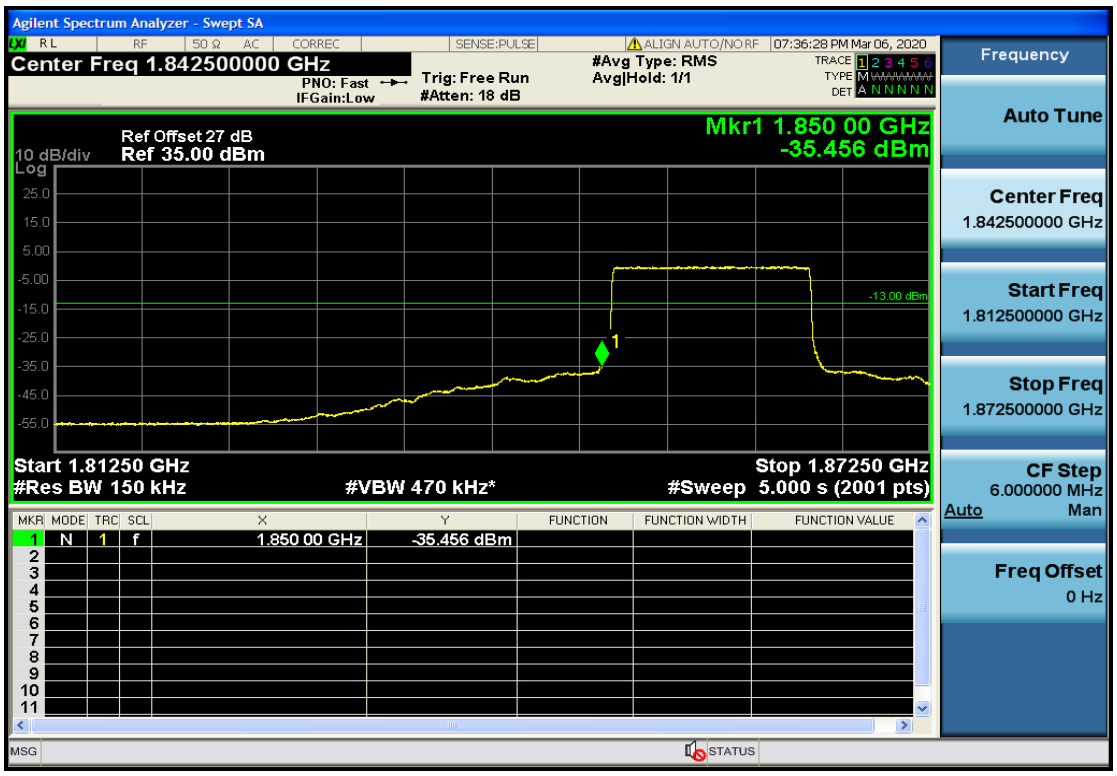


Band2-10-1905-QPSK-50#LOW@Pass

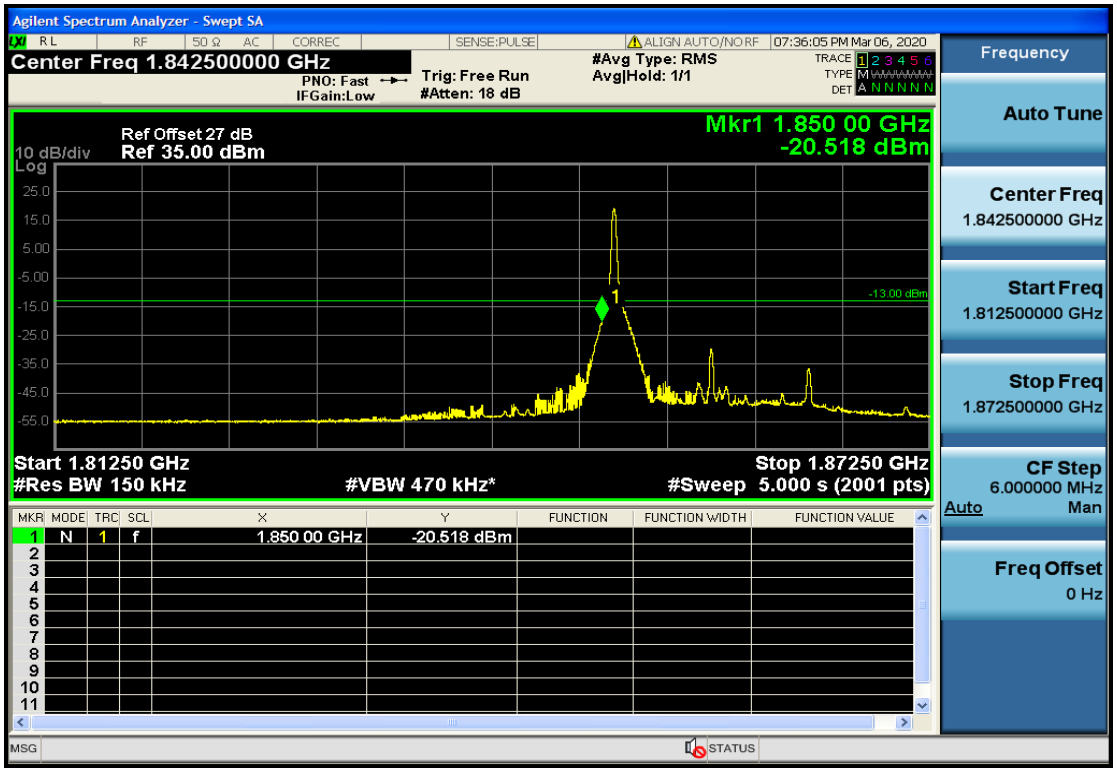
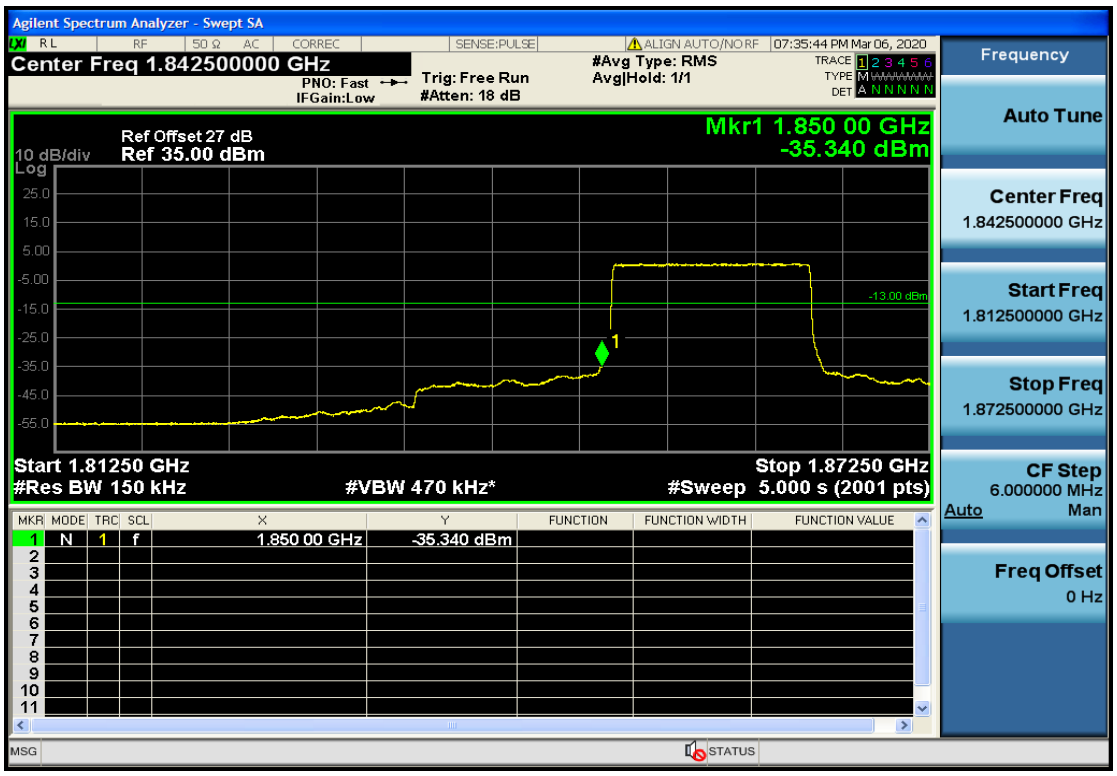
Band2-15-1857.5-16QAM-1#LOW@Pass



Band2-15-1857.5-16QAM-75#LOW@Pass



Band2-15-1857.5-QPSK-1#LOW@Pass



Band2-15-1857.5-QPSK-75#LOW@Pass