



FCC Appendix RF Test Data for LTE Band 2

Product Name: Tablet

Test Model: PAD_A14

Environmental Conditions

Temperature:	24.5°C
Relative Humidity:	53.9%
ATM Pressure:	100.0 kPa
Test Engineer:	Zoey Cao
Supervised by:	Eric Wang

1 Peak-to-Average Ratio(CCDF)

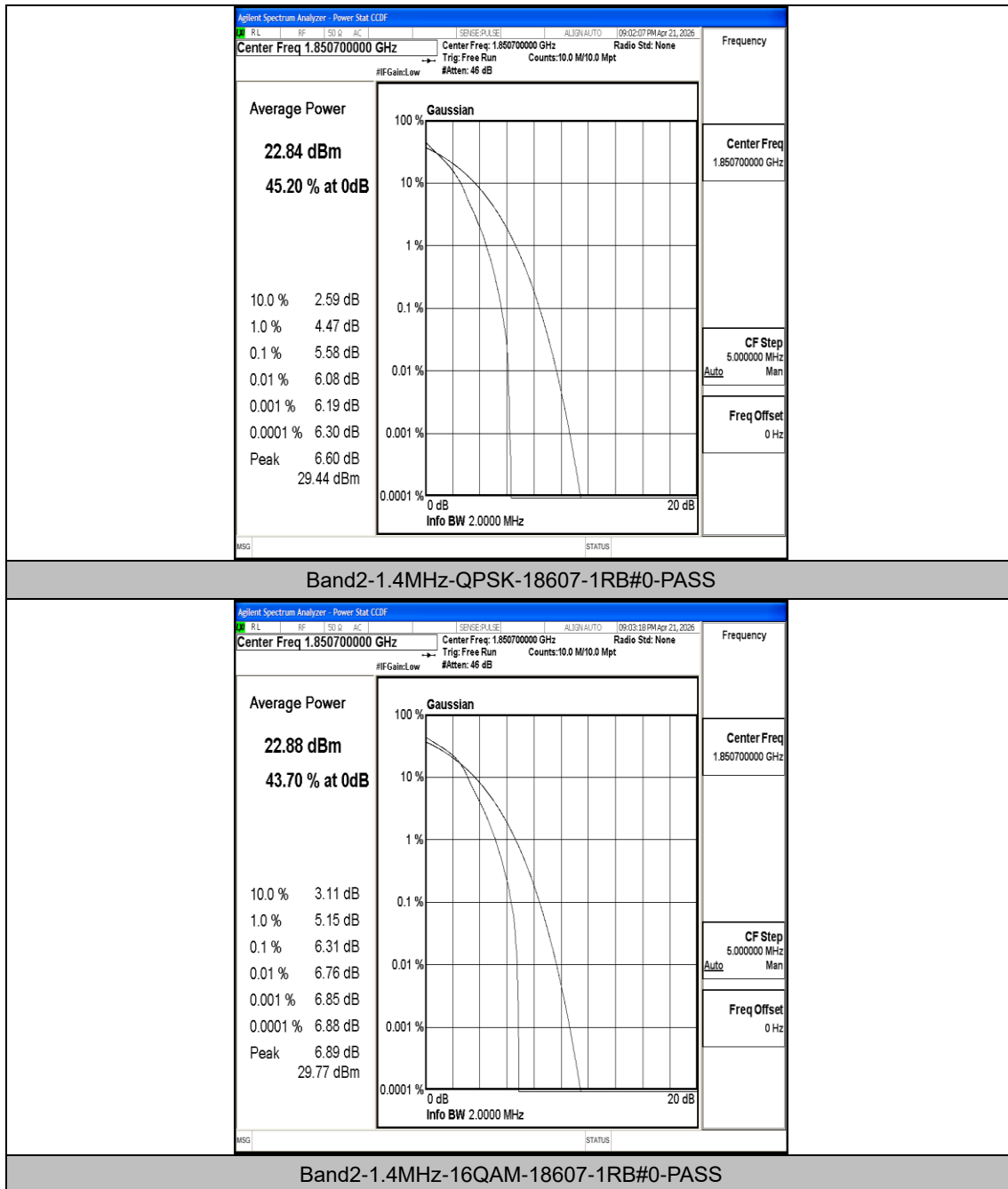
Test Result

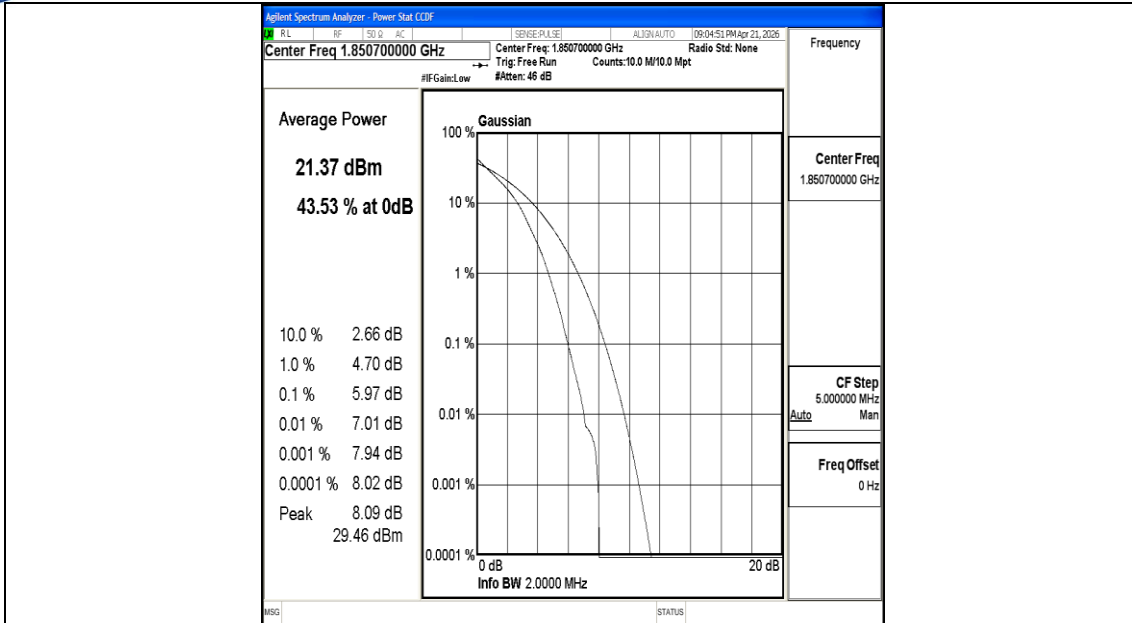
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	5.58	13	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	6.31	13	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	5.97	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	6.59	13	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	5.70	13	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	6.49	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.98	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.69	13	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	5.26	13	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	5.46	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	5.80	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	6.37	13	PASS
Band2	3MHz	QPSK	18615	1RB#0	5.69	13	PASS
Band2	3MHz	16QAM	18615	1RB#0	6.52	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	6.01	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	6.68	13	PASS
Band2	3MHz	QPSK	18900	1RB#0	5.82	13	PASS
Band2	3MHz	16QAM	18900	1RB#0	6.67	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	6.03	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.74	13	PASS
Band2	3MHz	QPSK	19185	1RB#0	5.44	13	PASS
Band2	3MHz	16QAM	19185	1RB#0	5.99	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.85	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	6.46	13	PASS
Band2	5MHz	QPSK	18625	1RB#0	5.79	13	PASS
Band2	5MHz	16QAM	18625	1RB#0	6.26	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.91	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	6.52	13	PASS
Band2	5MHz	QPSK	18900	1RB#0	5.90	13	PASS
Band2	5MHz	16QAM	18900	1RB#0	6.34	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.92	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.56	13	PASS
Band2	5MHz	QPSK	19175	1RB#0	5.52	13	PASS
Band2	5MHz	16QAM	19175	1RB#0	6.11	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.82	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	6.42	13	PASS
Band2	10MHz	QPSK	18650	1RB#0	5.70	13	PASS



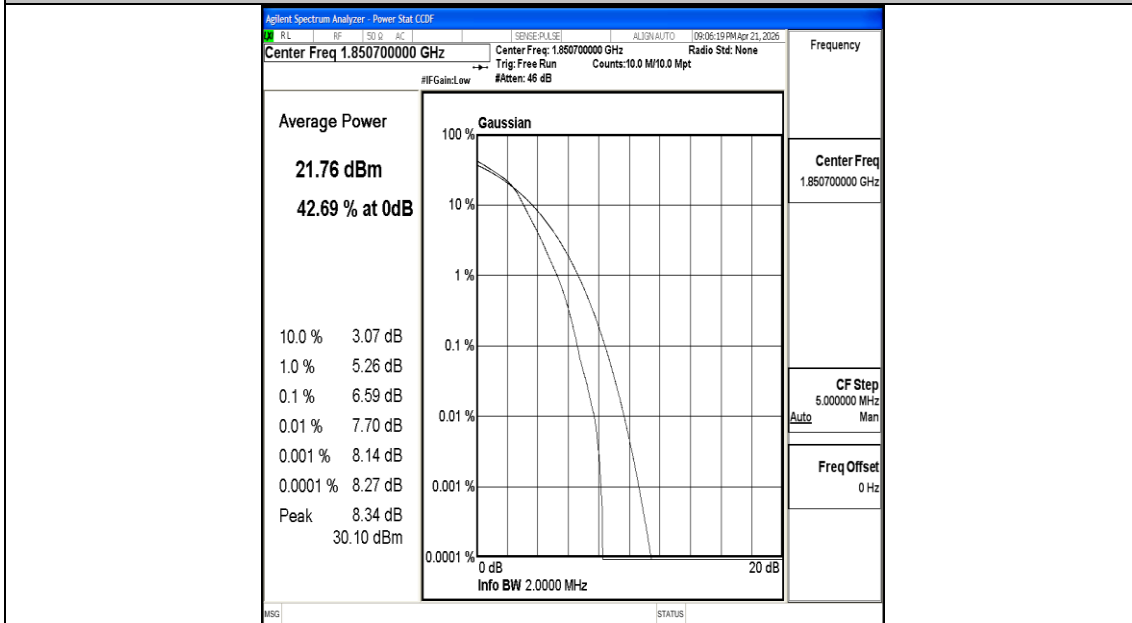
Band2	10MHz	16QAM	18650	1RB#0	6.53	13	PASS
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Band2	10MHz	16QAM	18650	50RB#0	6.60	13	PASS
Band2	10MHz	QPSK	18900	1RB#0	5.81	13	PASS
Band2	10MHz	16QAM	18900	1RB#0	6.65	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.97	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.63	13	PASS
Band2	10MHz	QPSK	19150	1RB#0	5.55	13	PASS
Band2	10MHz	16QAM	19150	1RB#0	6.28	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.88	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	6.49	13	PASS
Band2	15MHz	QPSK	18675	1RB#0	5.70	13	PASS
Band2	15MHz	16QAM	18675	1RB#0	6.53	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	6.25	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.62	13	PASS
Band2	15MHz	QPSK	18900	1RB#0	5.79	13	PASS
Band2	15MHz	16QAM	18900	1RB#0	6.59	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	6.29	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.68	13	PASS
Band2	15MHz	QPSK	19125	1RB#0	5.70	13	PASS
Band2	15MHz	16QAM	19125	1RB#0	6.37	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	6.18	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.55	13	PASS
Band2	20MHz	QPSK	18700	1RB#0	5.49	13	PASS
Band2	20MHz	16QAM	18700	1RB#0	6.07	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.94	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.62	13	PASS
Band2	20MHz	QPSK	18900	1RB#0	5.60	13	PASS
Band2	20MHz	16QAM	18900	1RB#0	6.07	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	6.06	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.71	13	PASS
Band2	20MHz	QPSK	19100	1RB#0	5.55	13	PASS
Band2	20MHz	16QAM	19100	1RB#0	6.12	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.88	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.53	13	PASS

Test Graphs

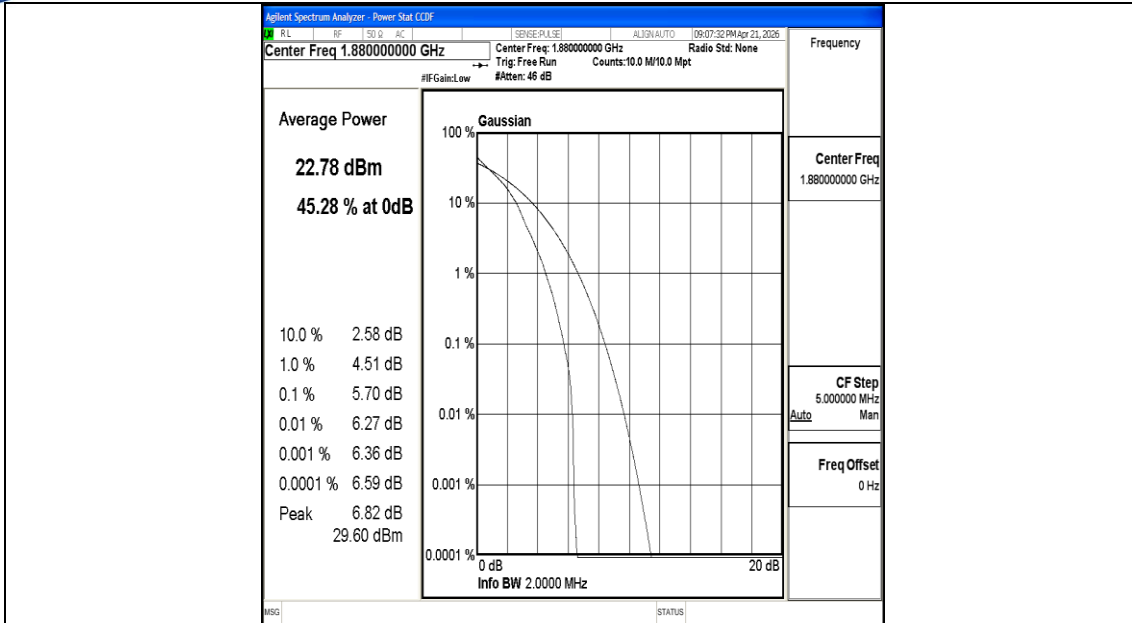




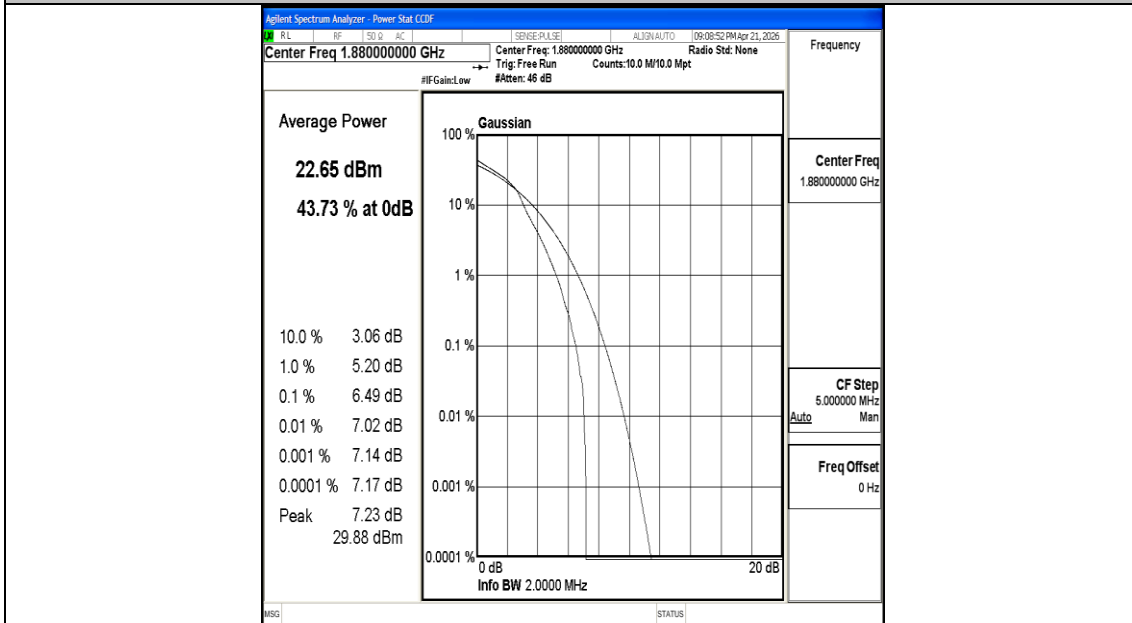
Band2-1.4MHz-QPSK-18607-6RB#0-PASS



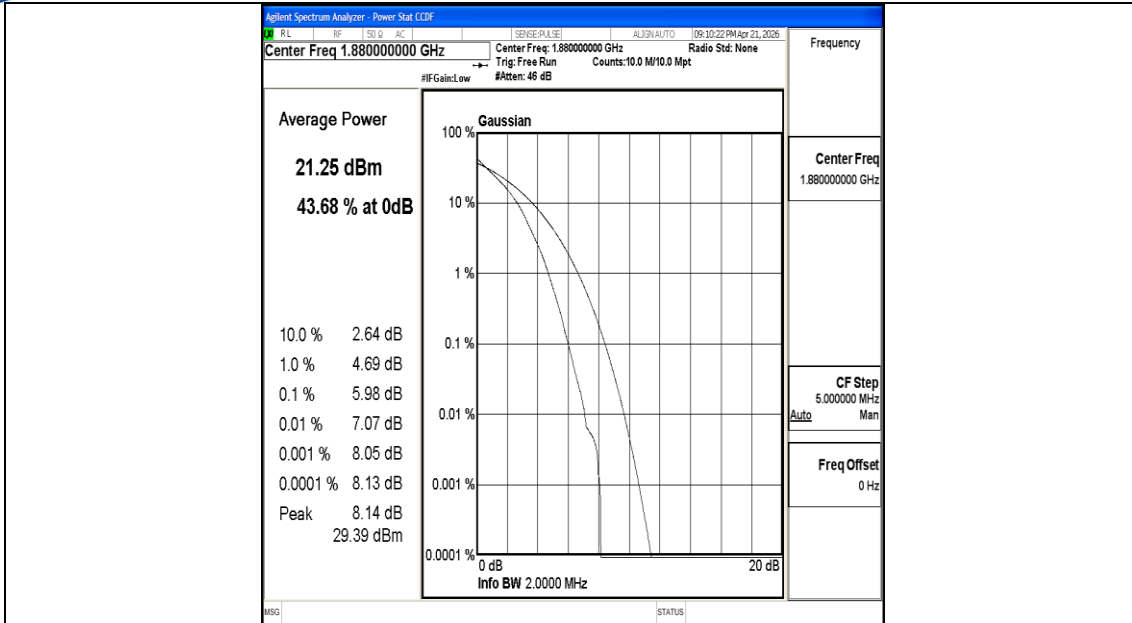
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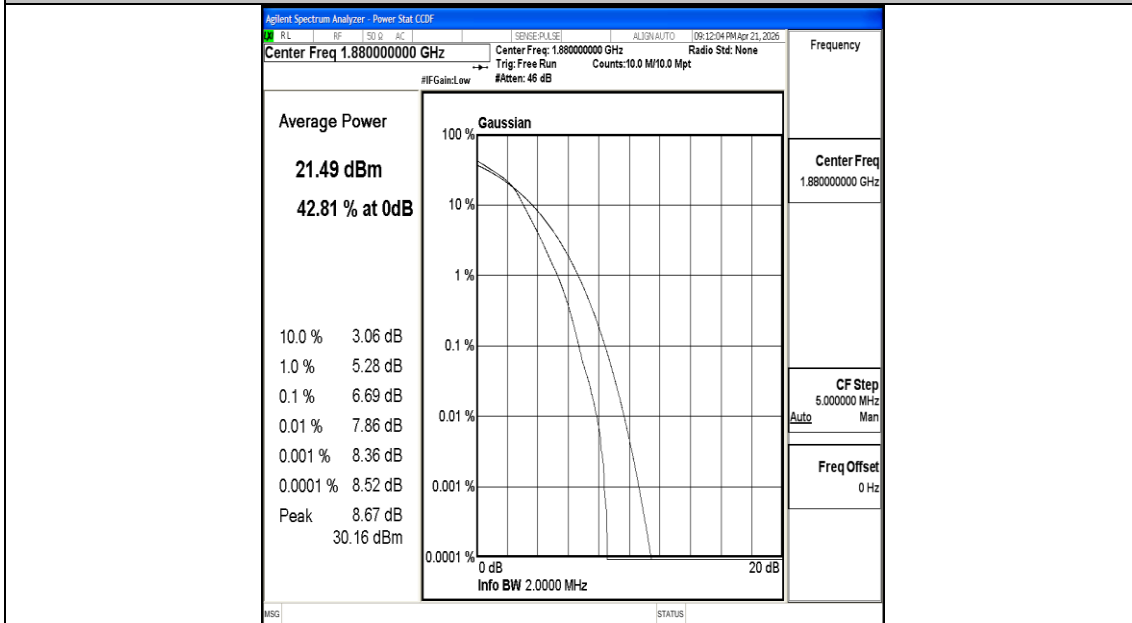
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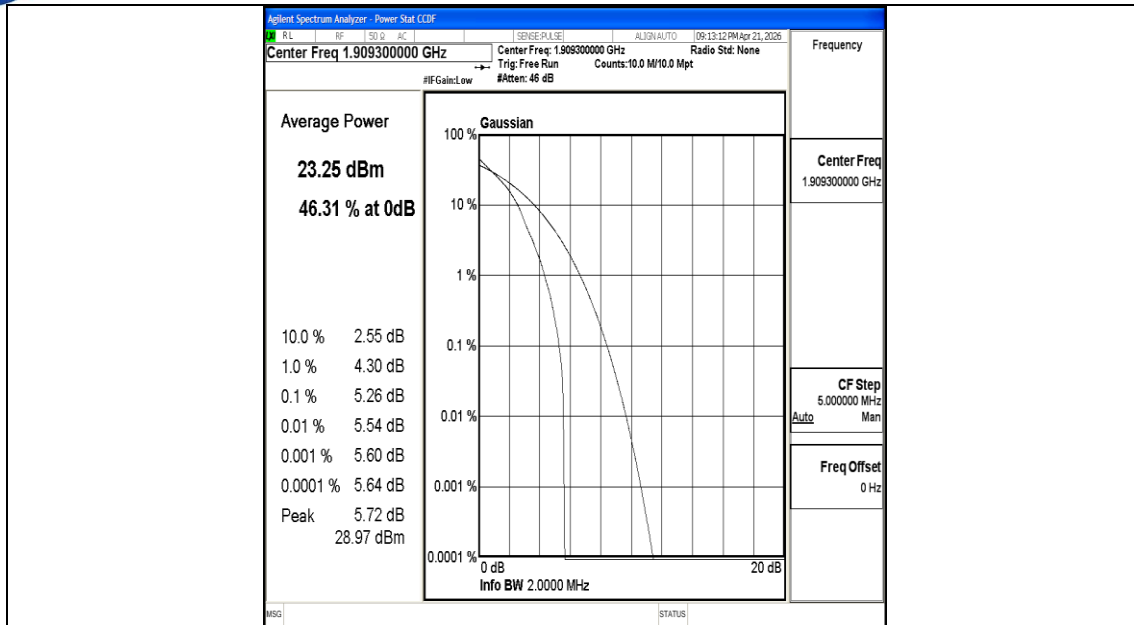
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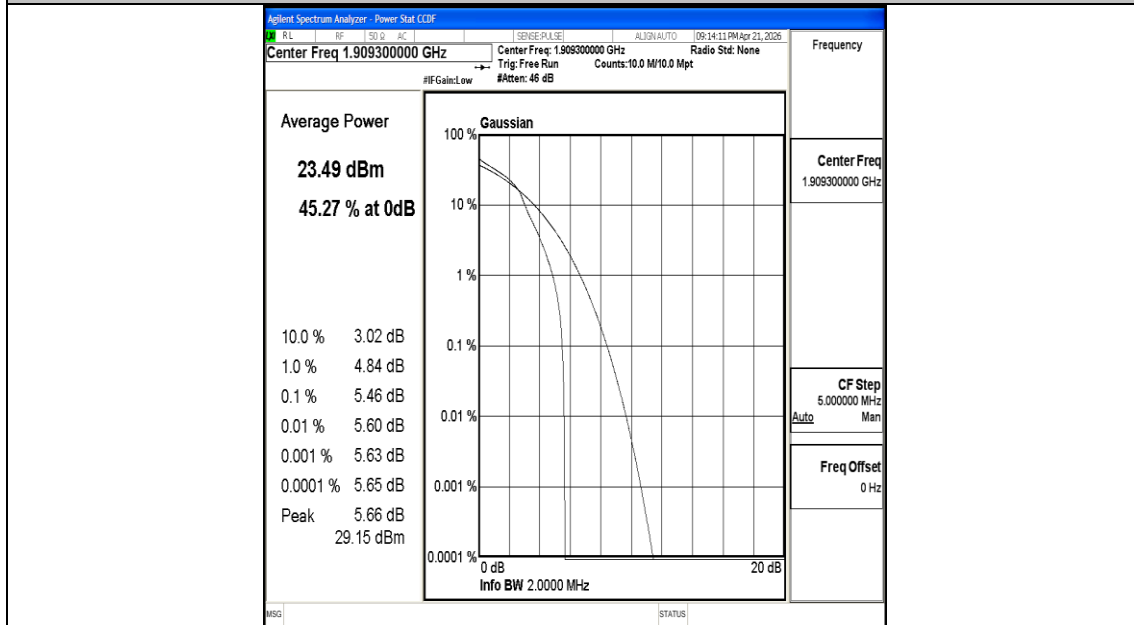
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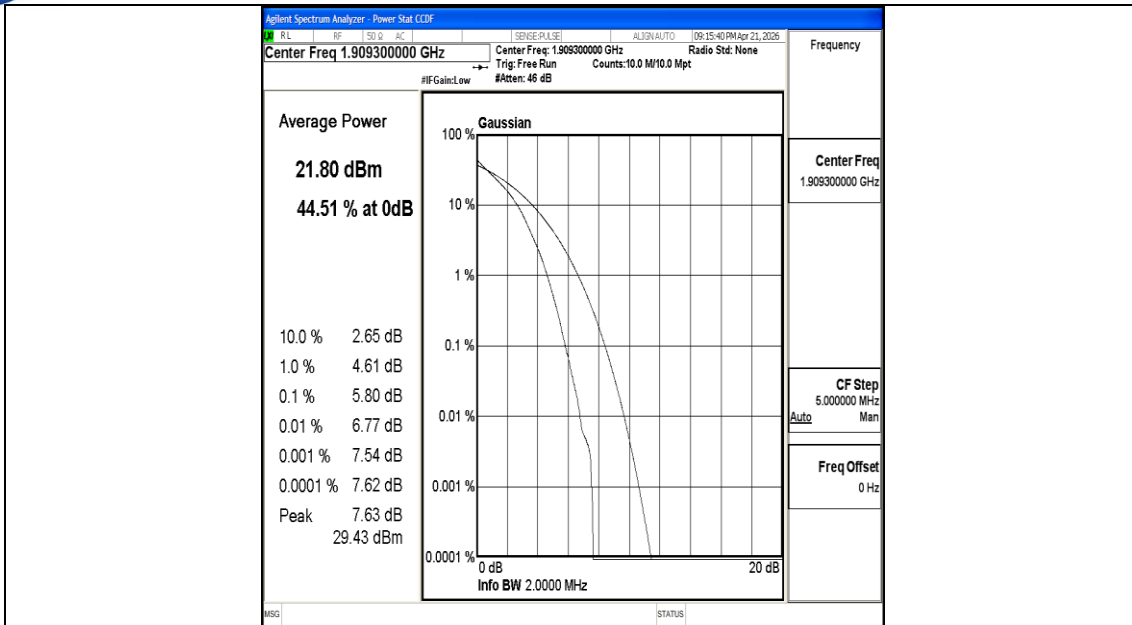
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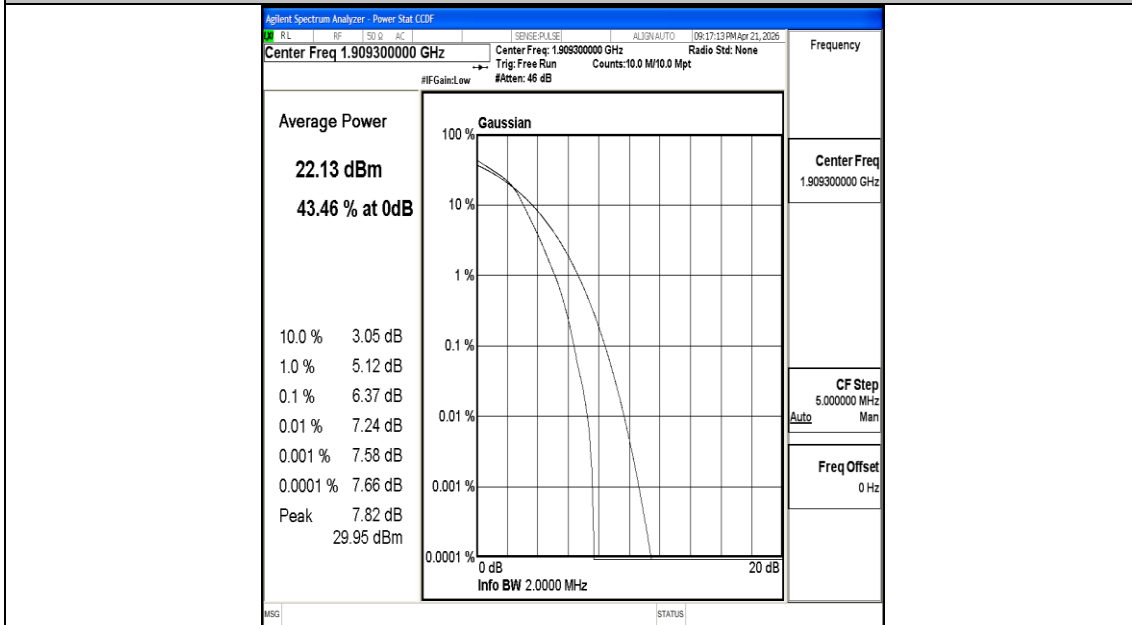
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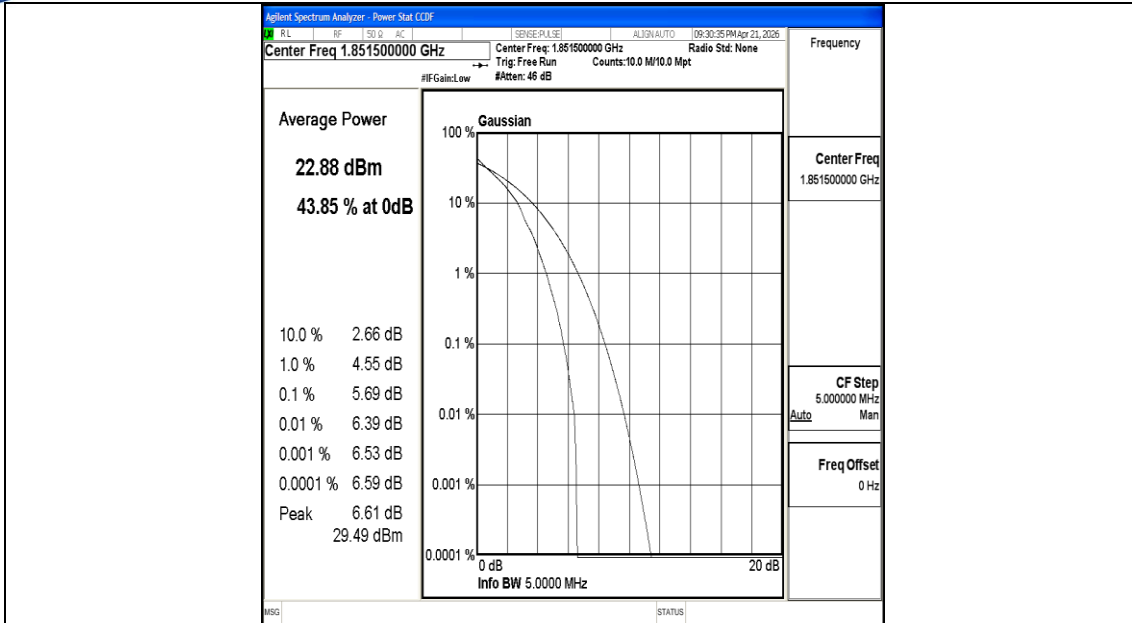
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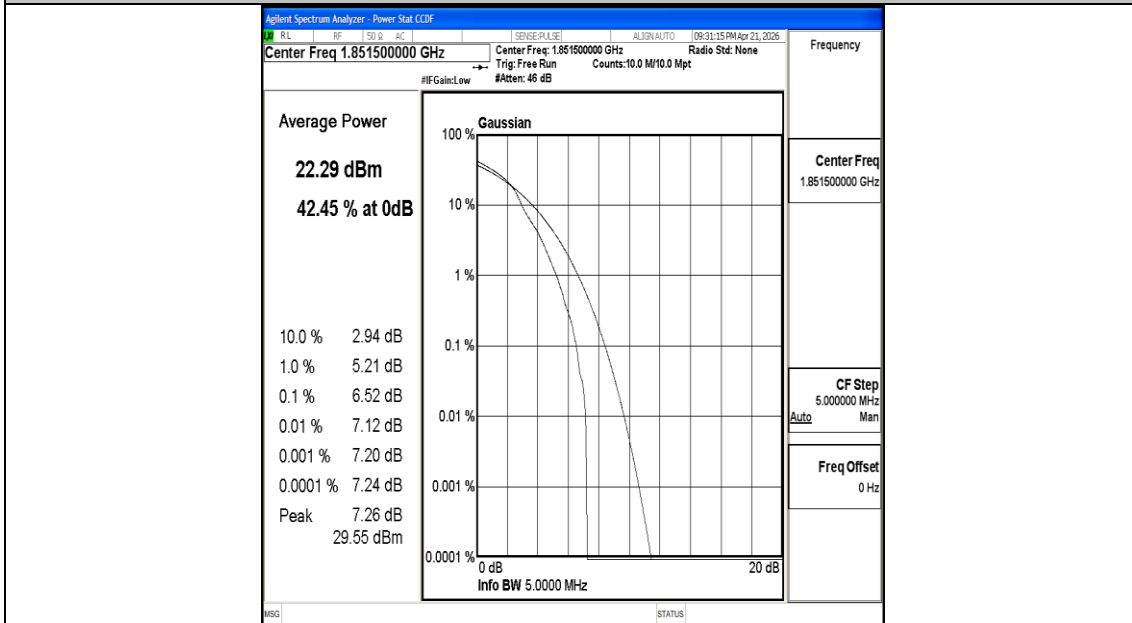
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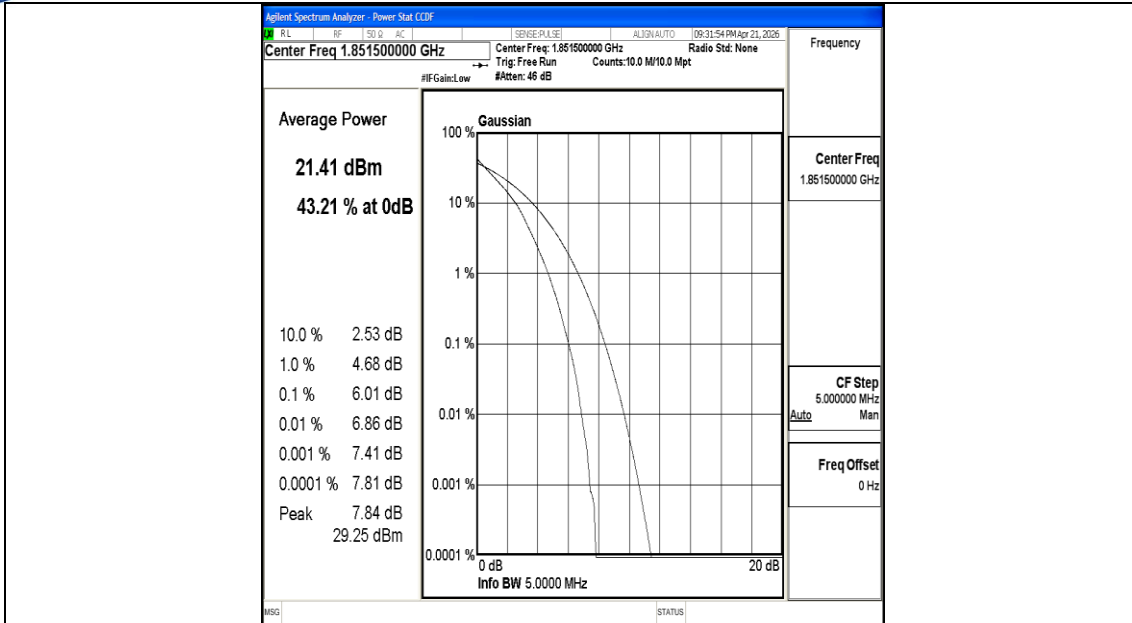
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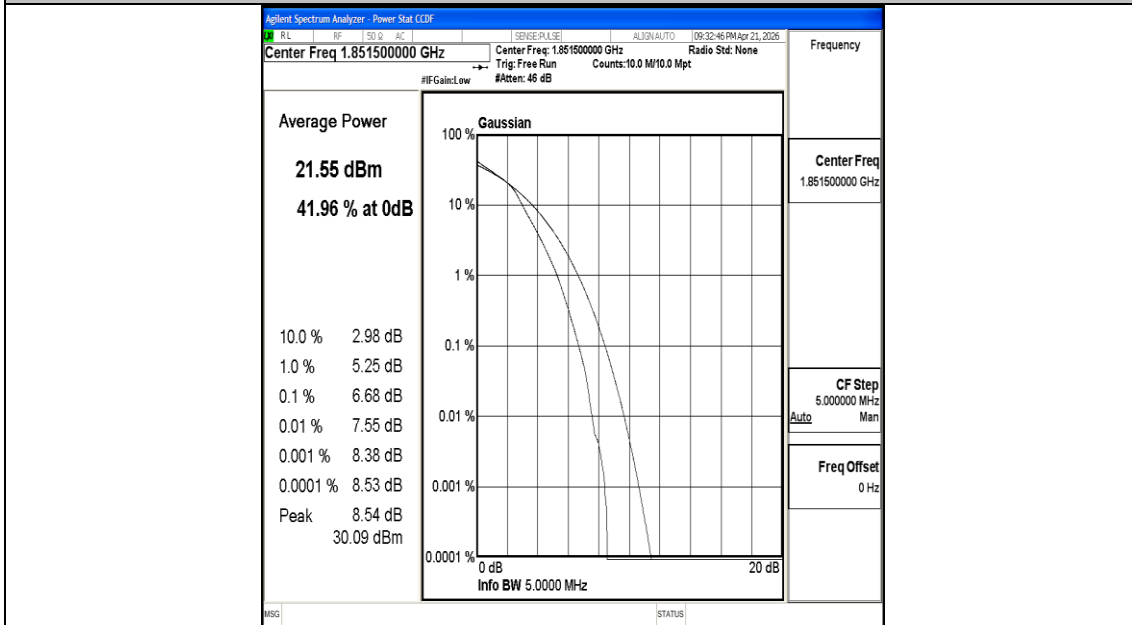
Band2-3MHz-QPSK-18615-1RB#0-PASS



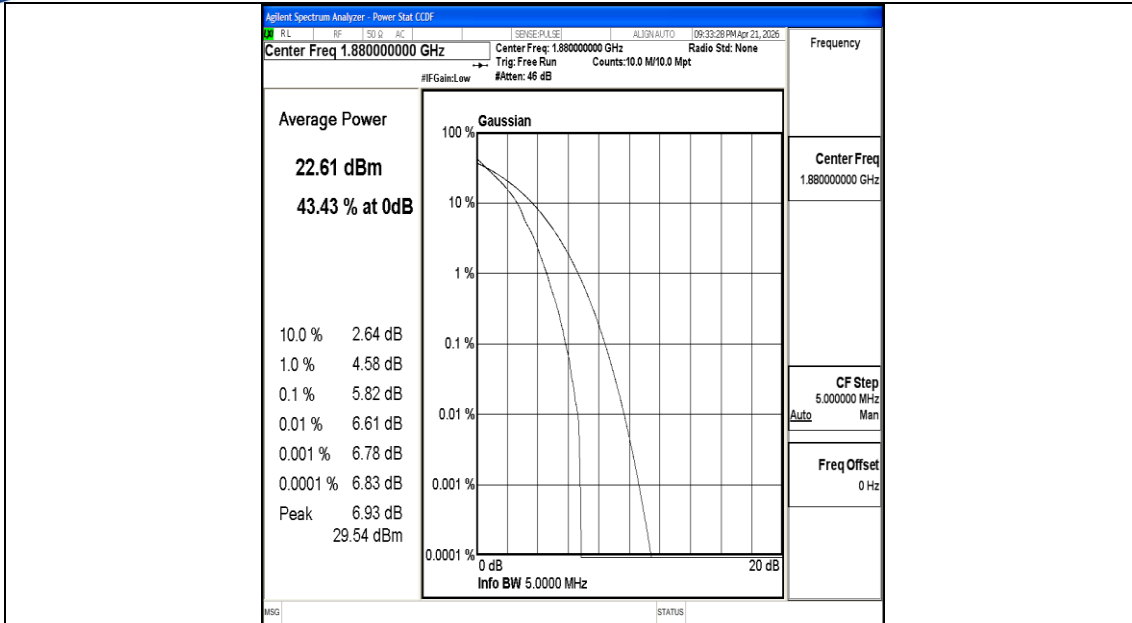
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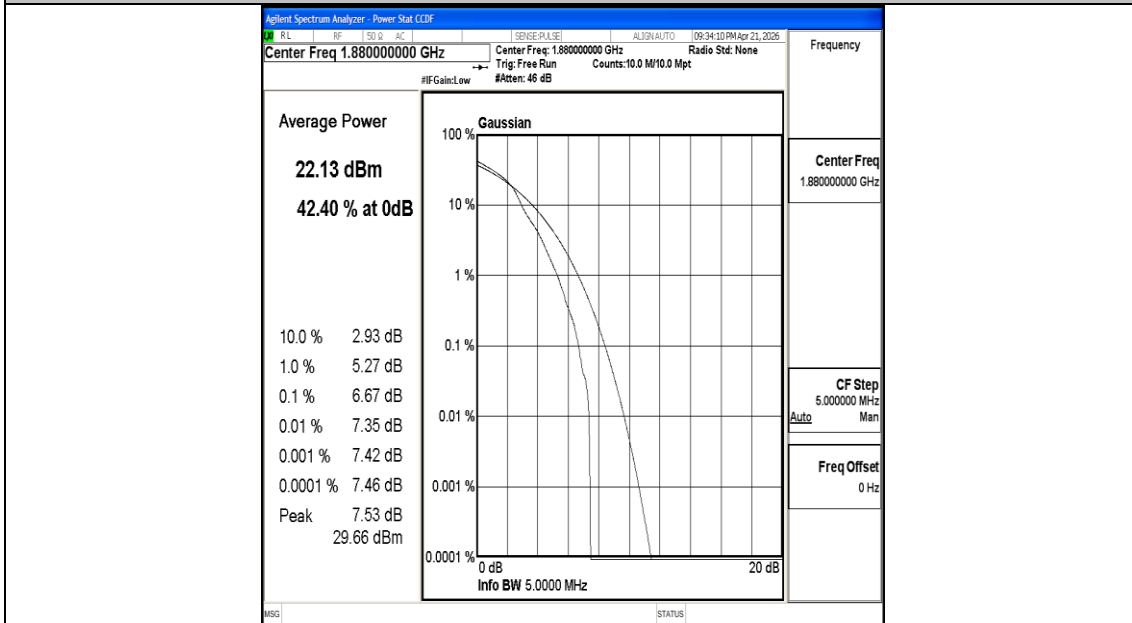
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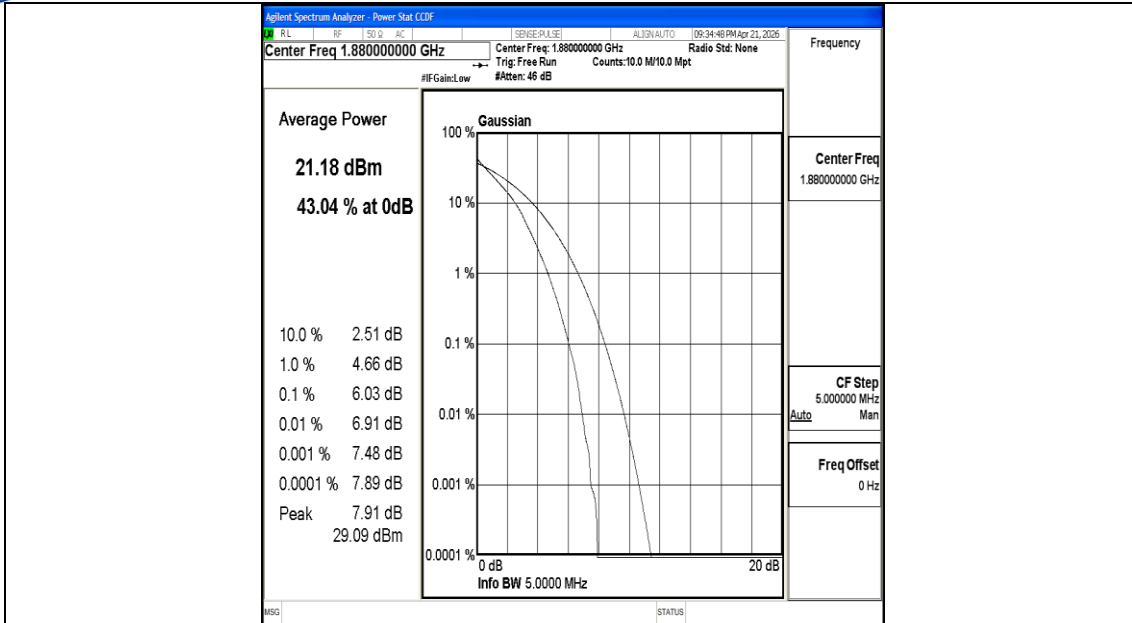
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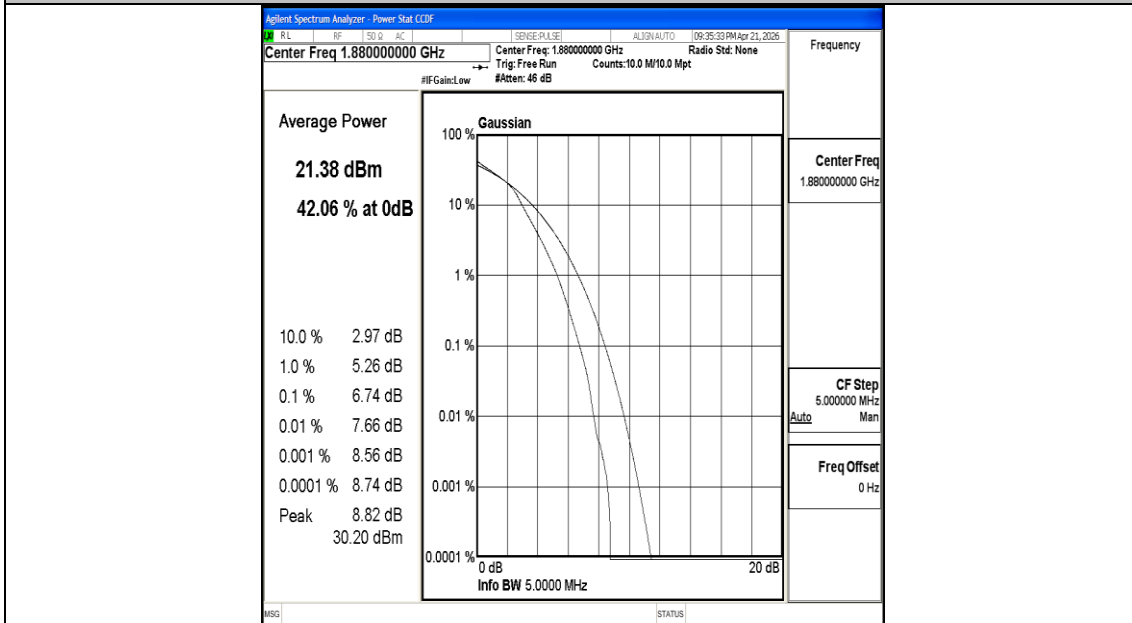
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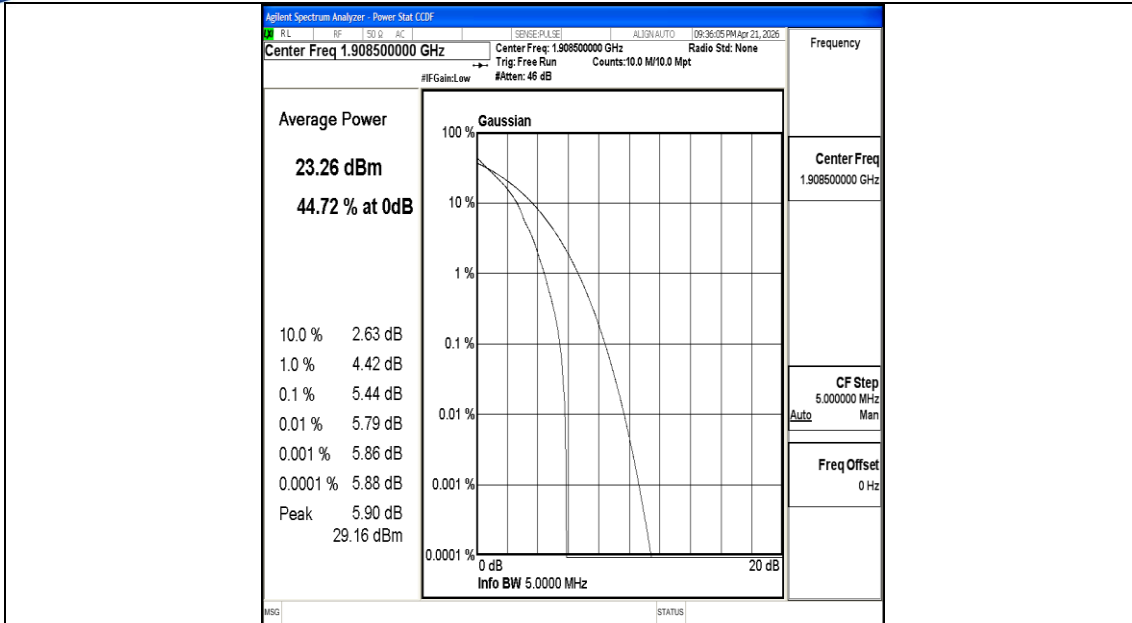
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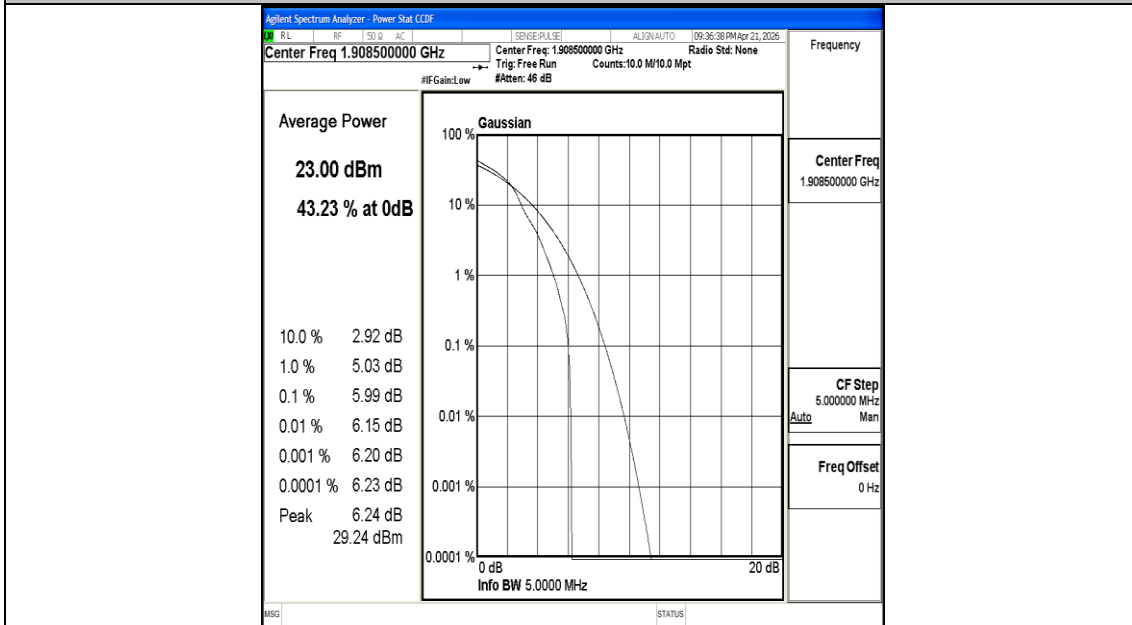
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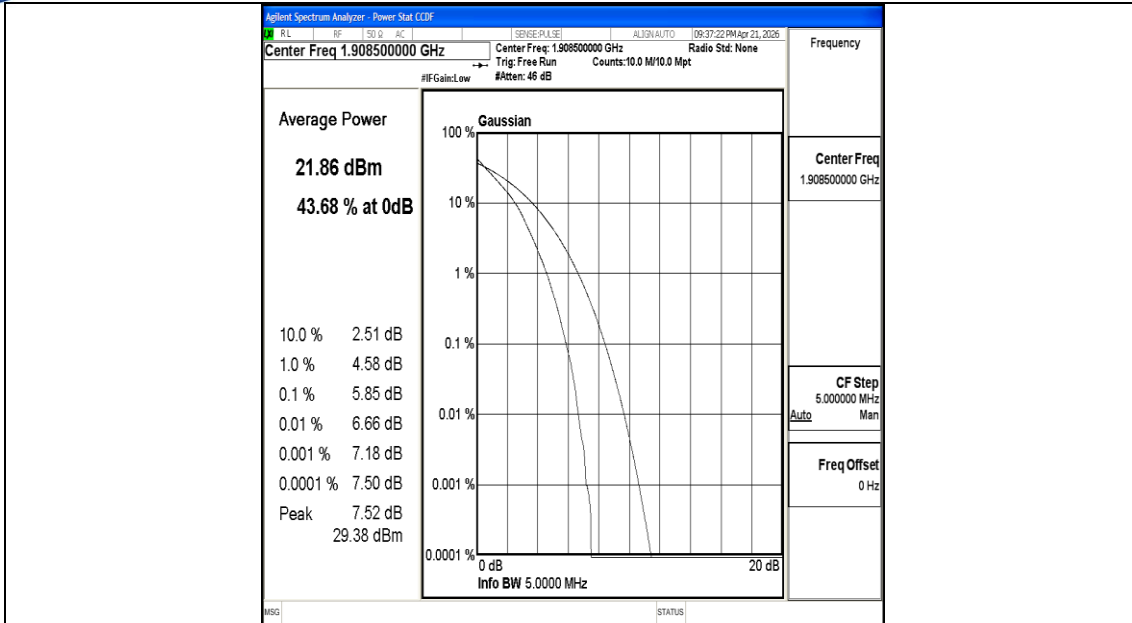
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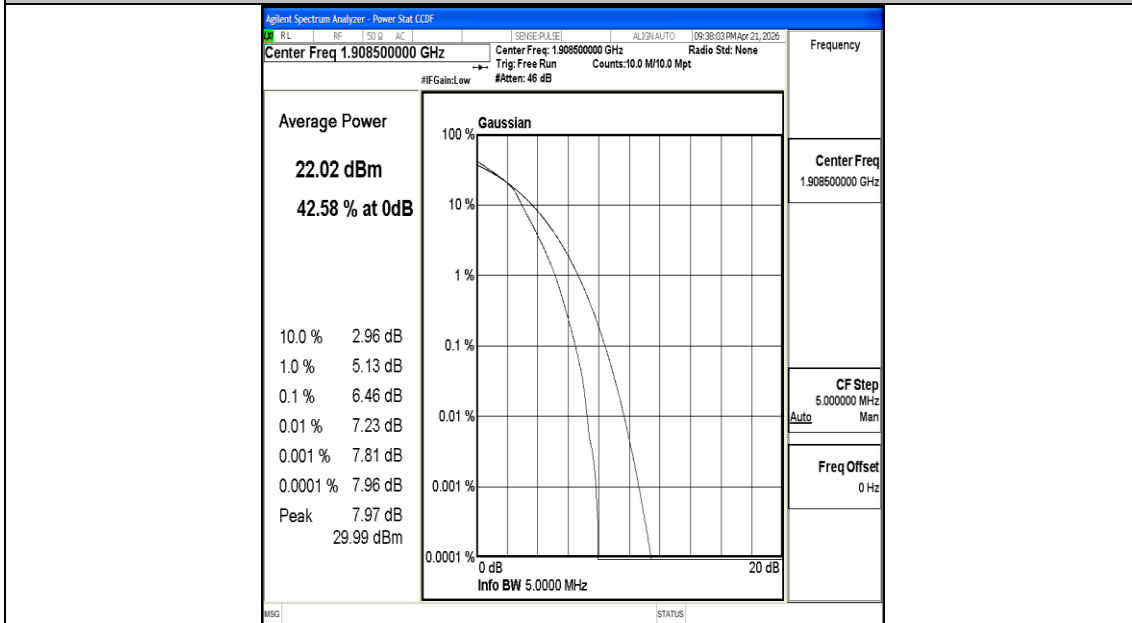
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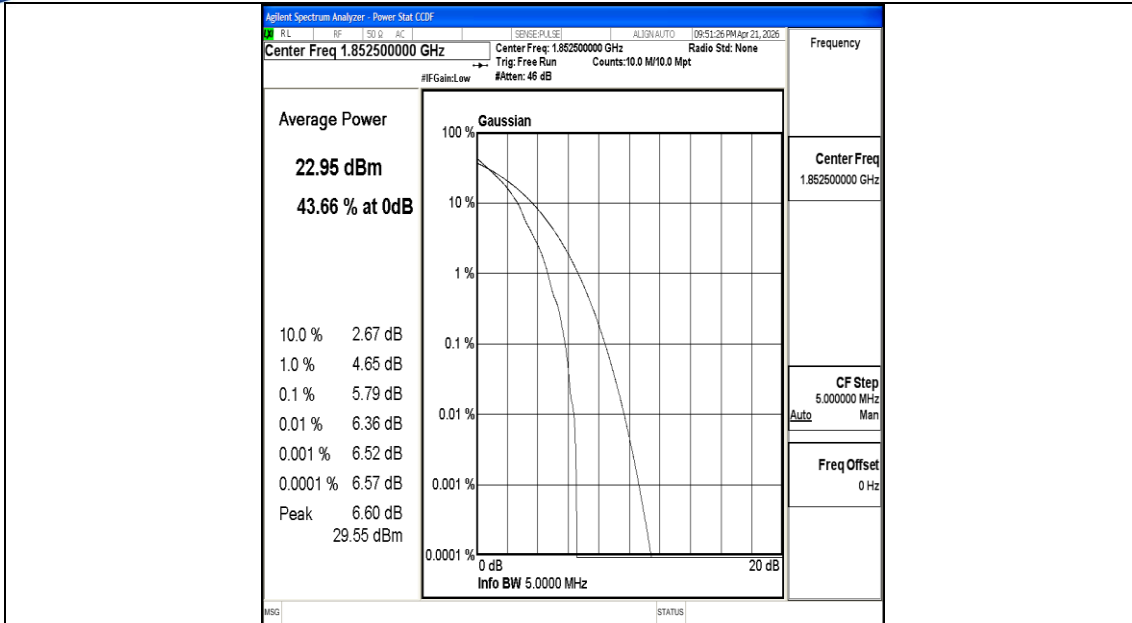
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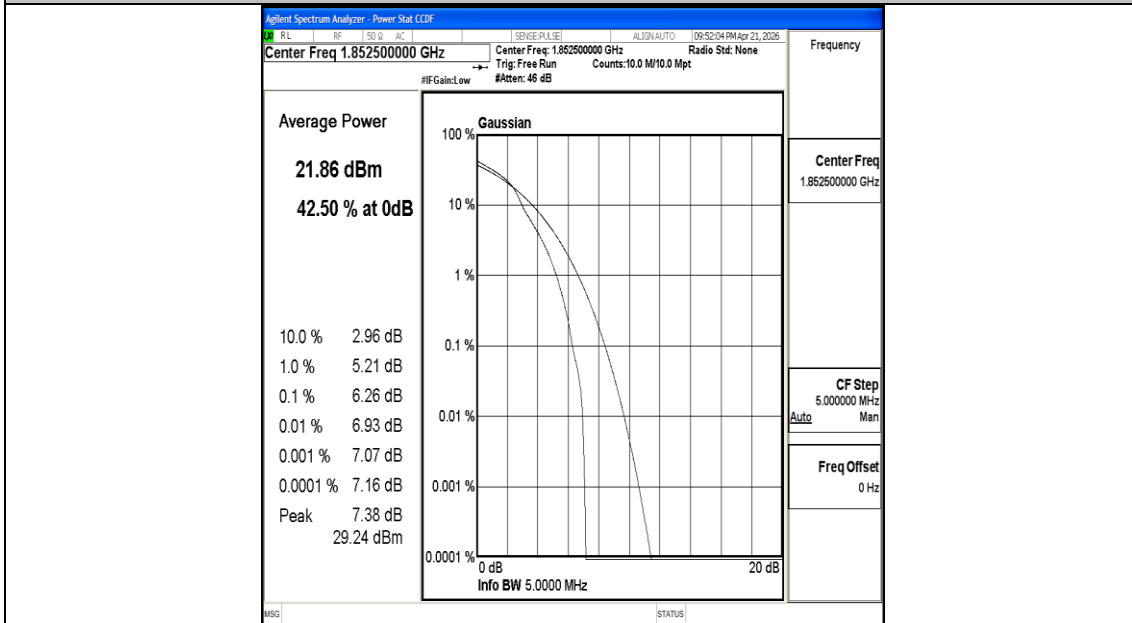
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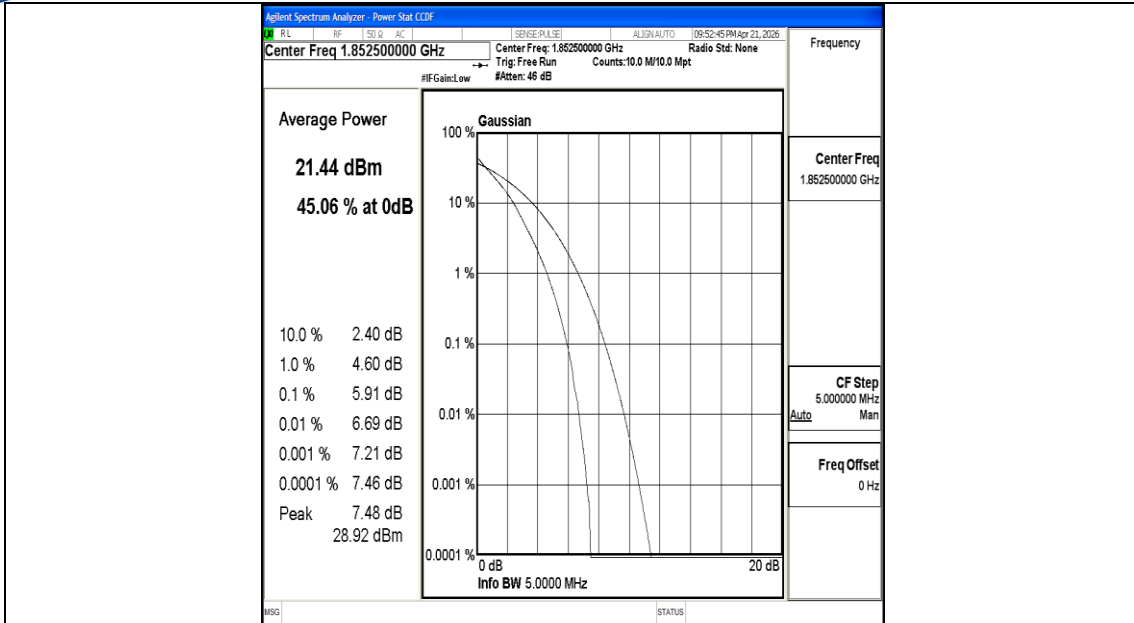
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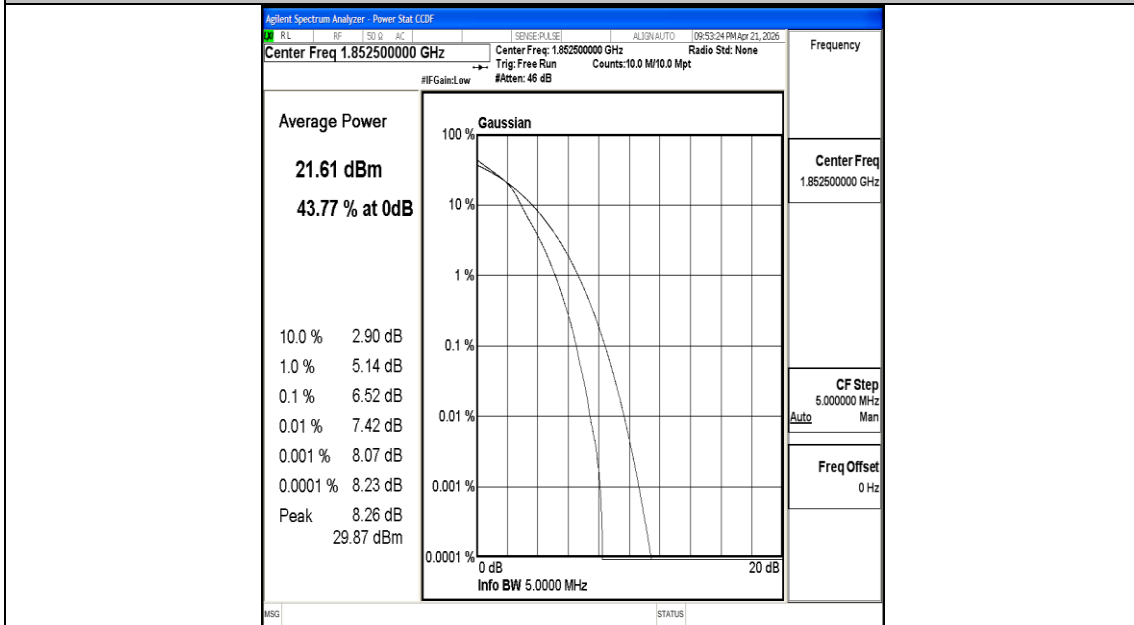
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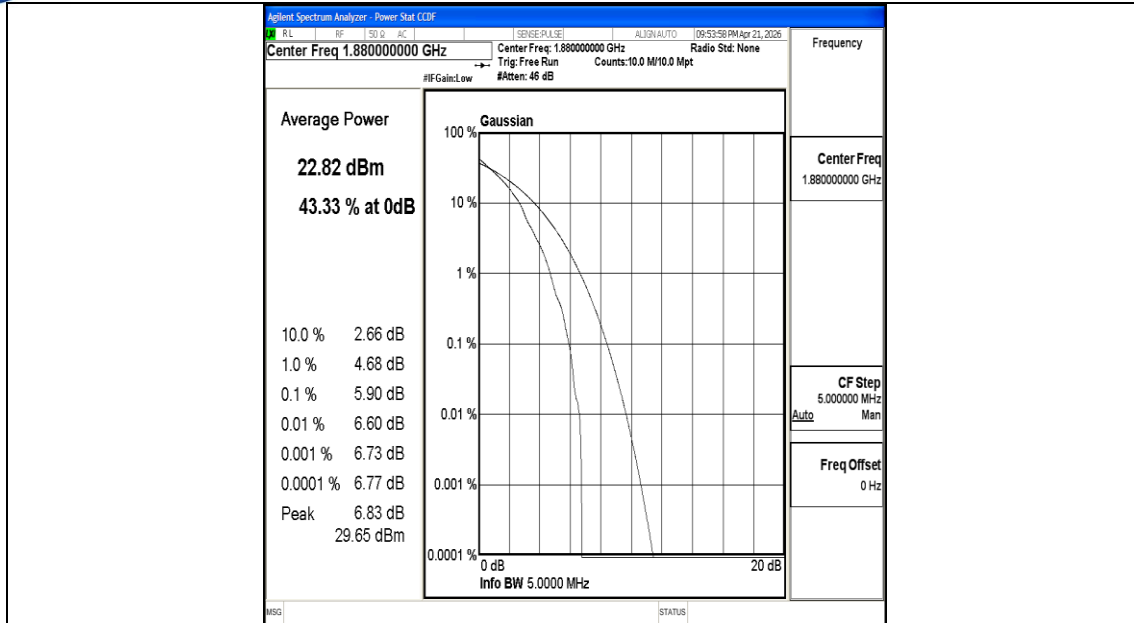
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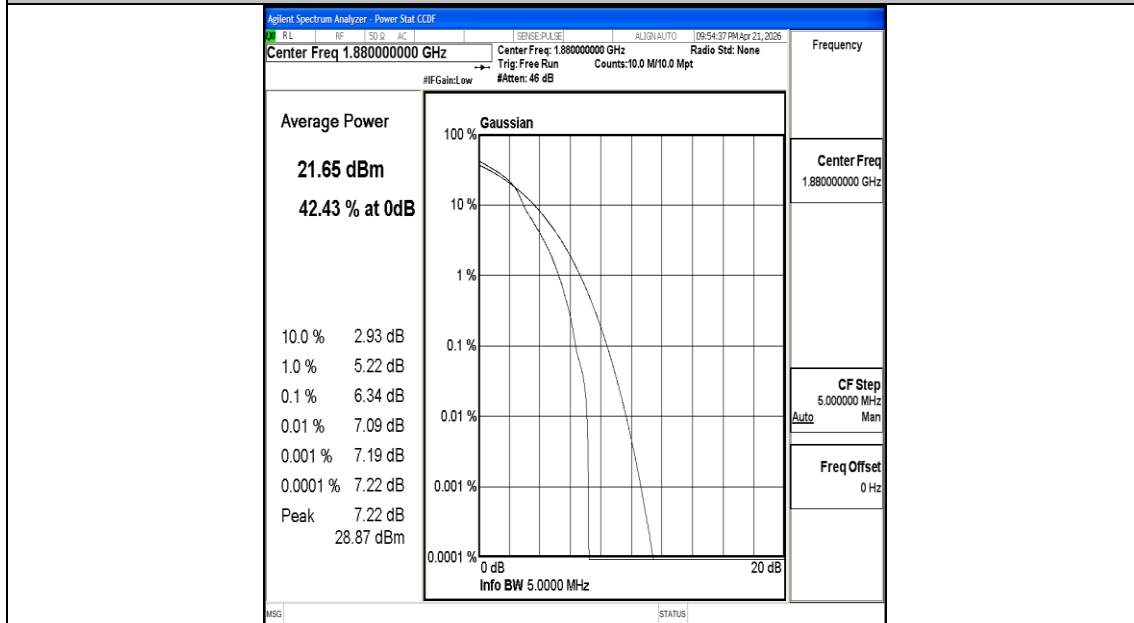
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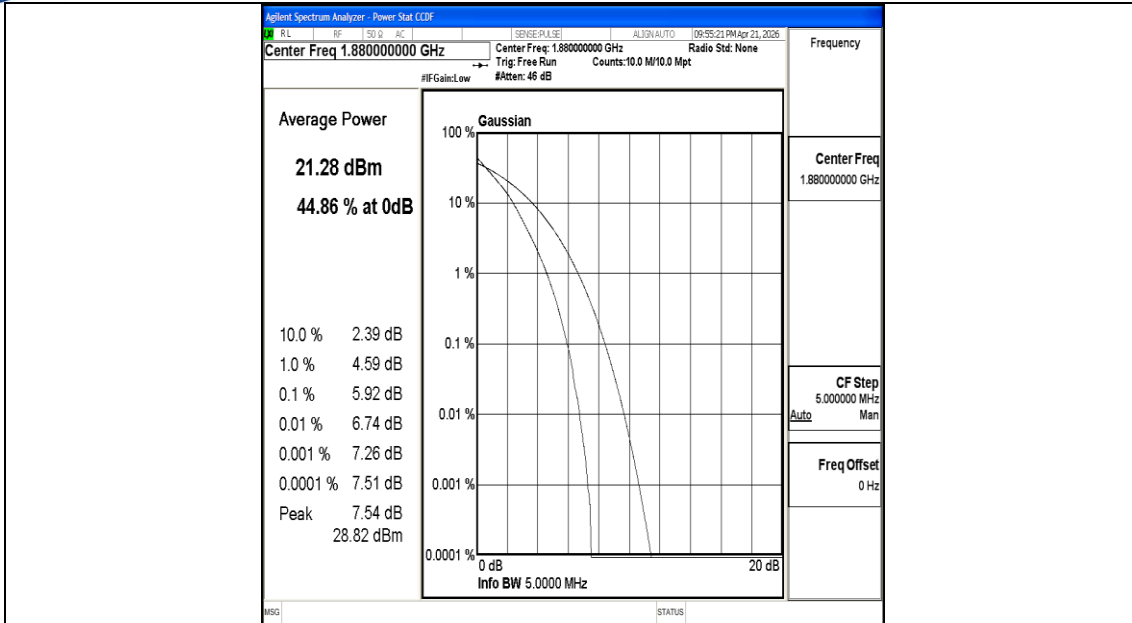
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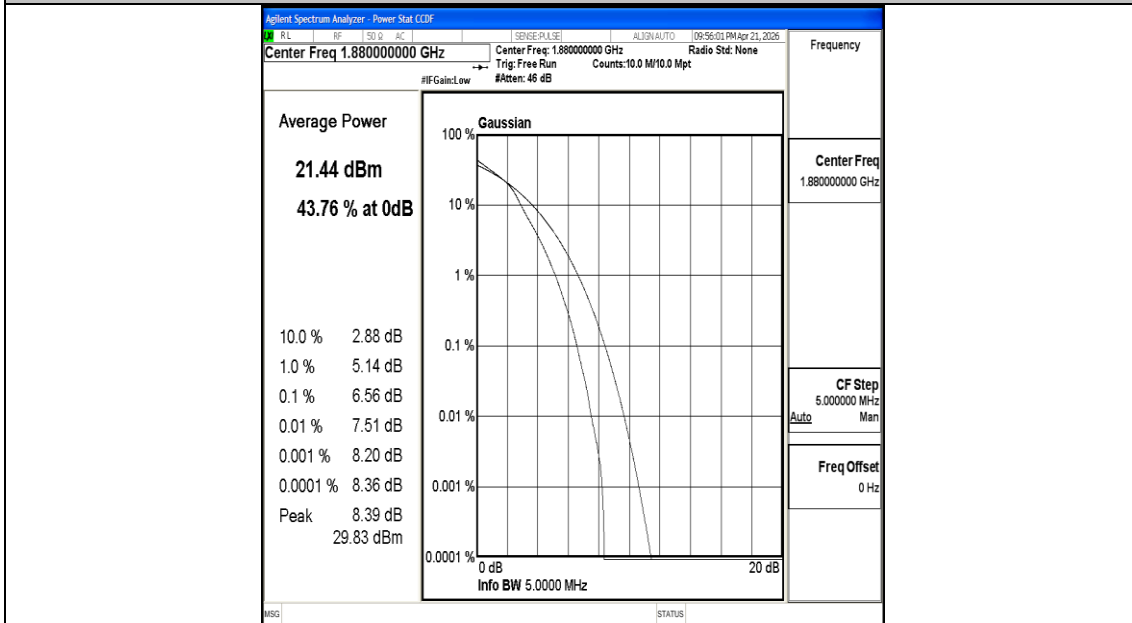
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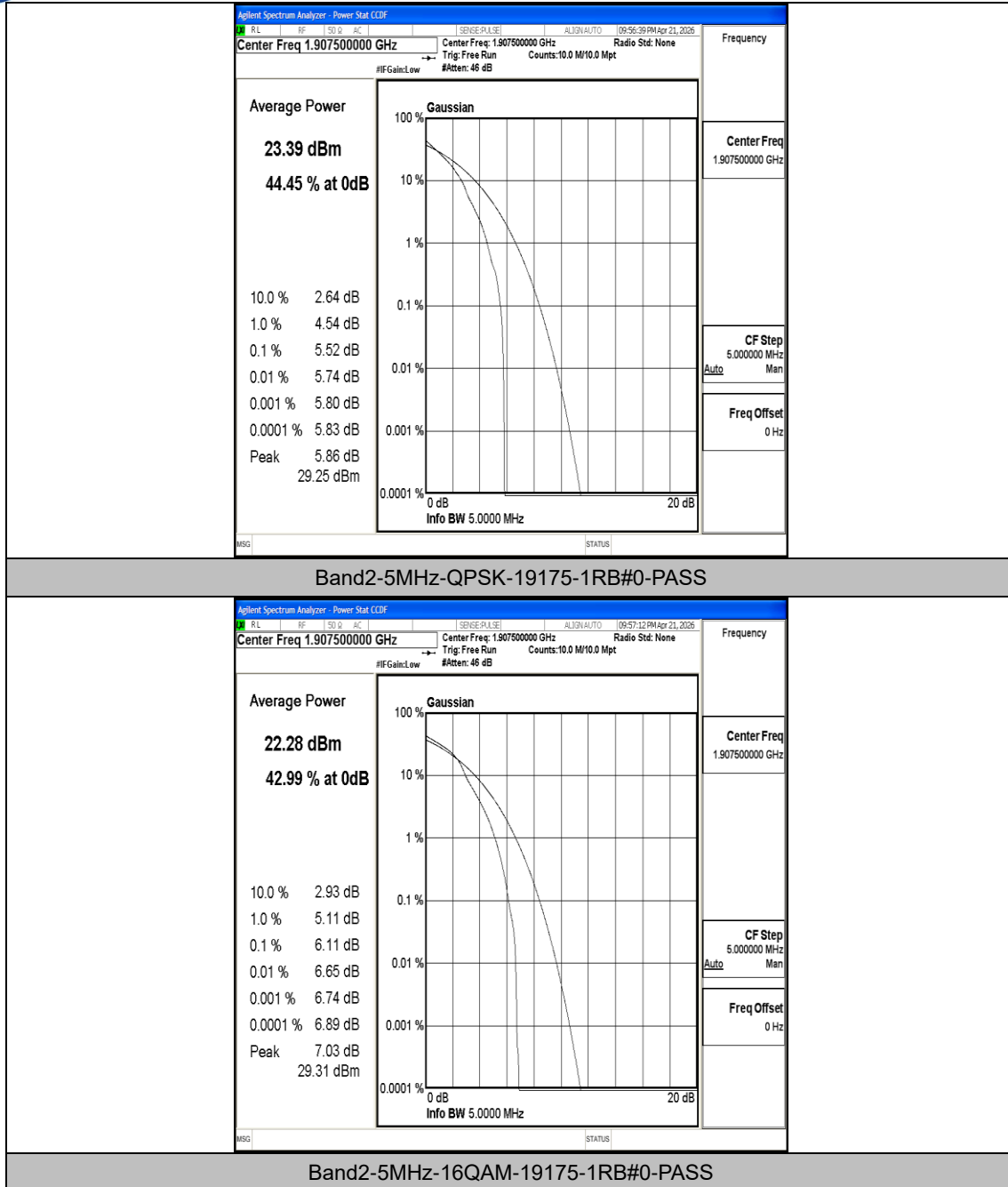
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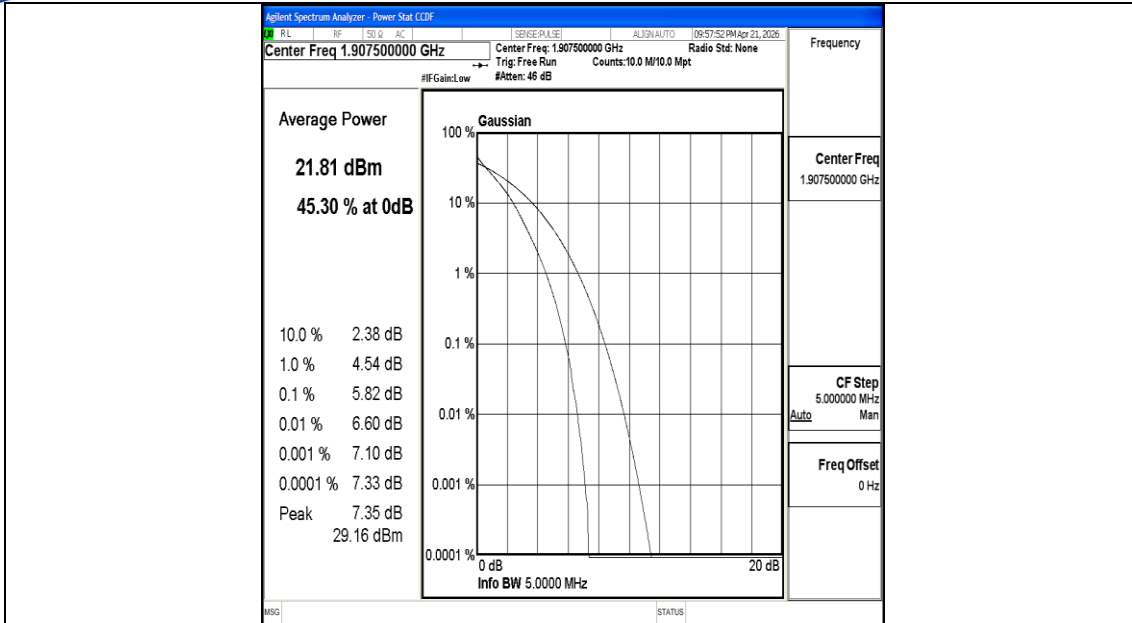


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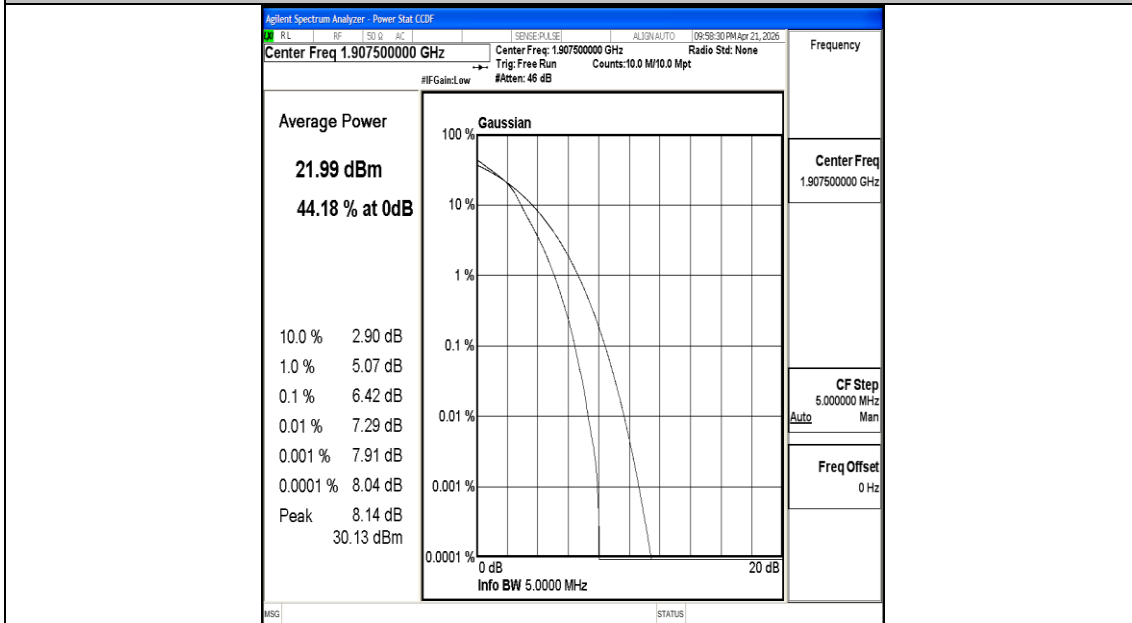


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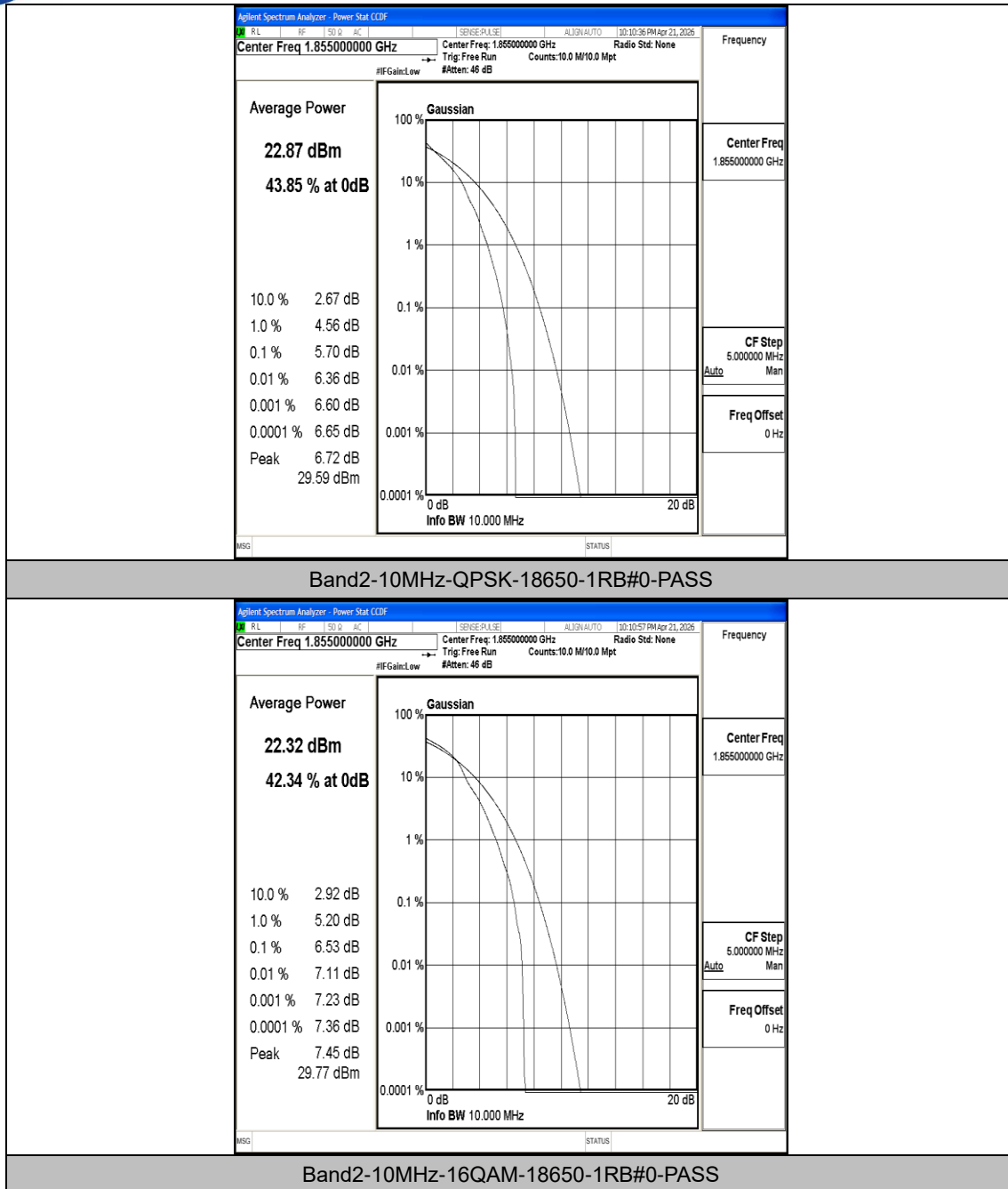


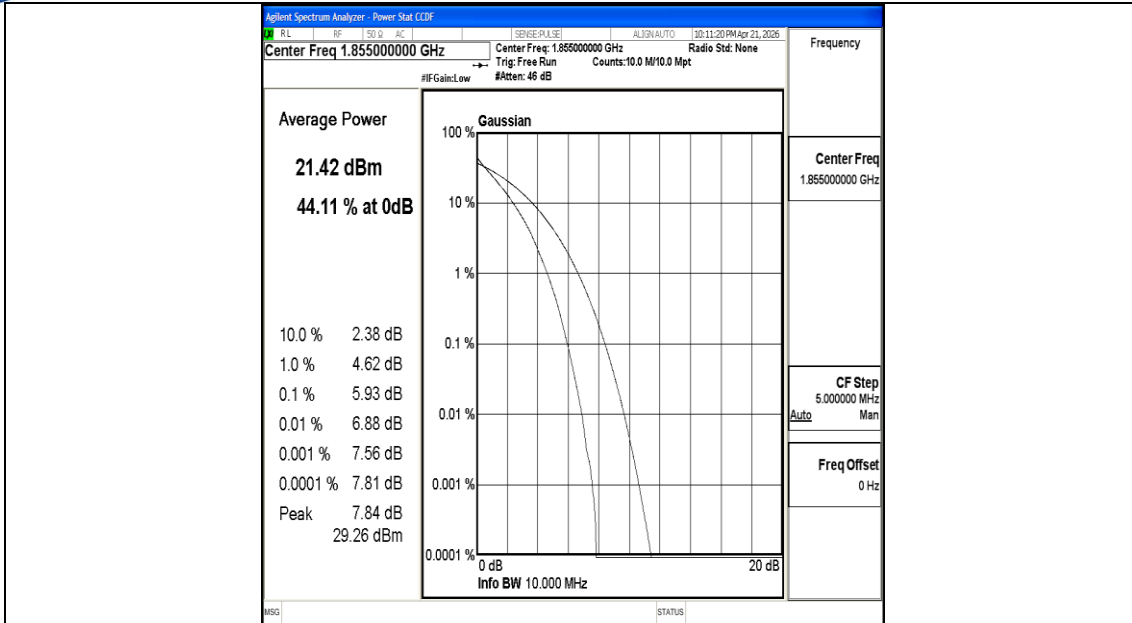


Band2-5MHz-QPSK-19175-25RB#0-PASS

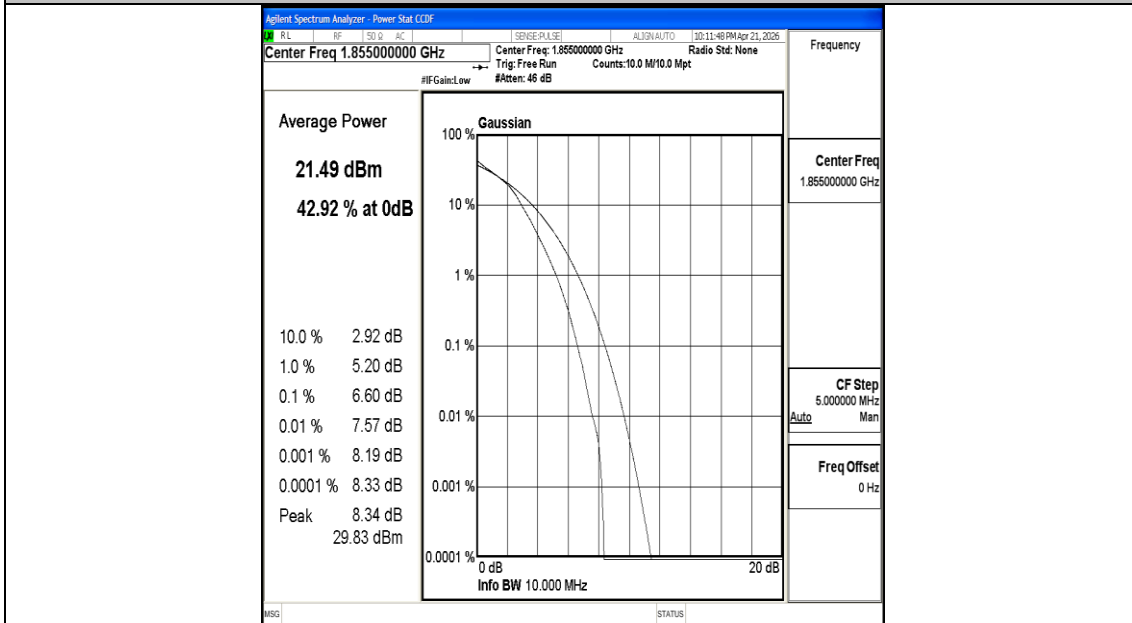


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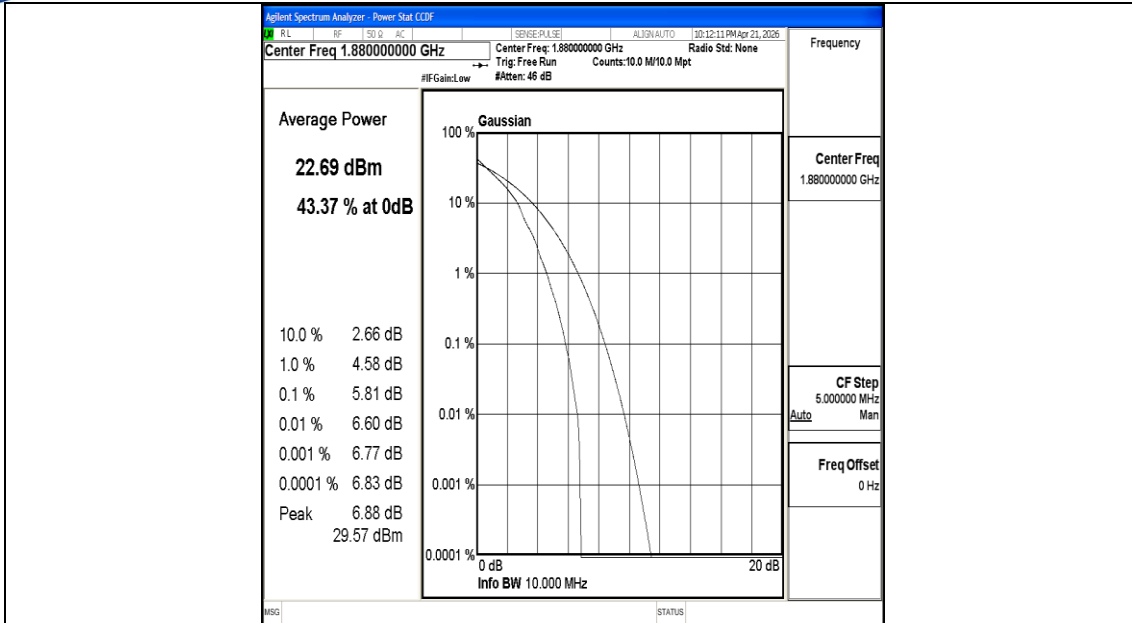




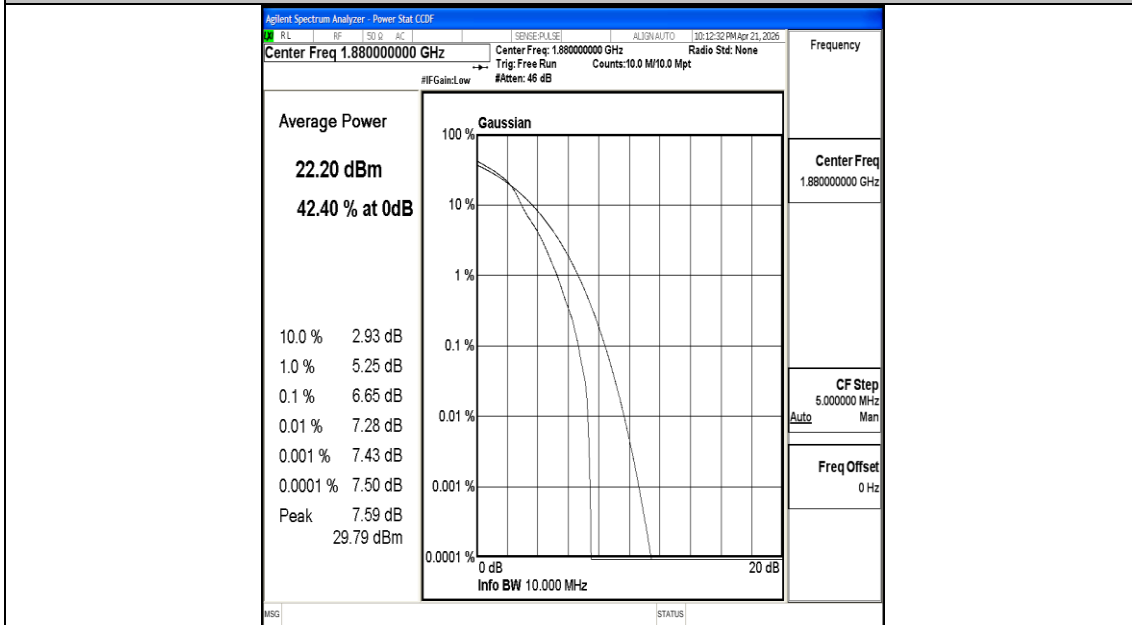
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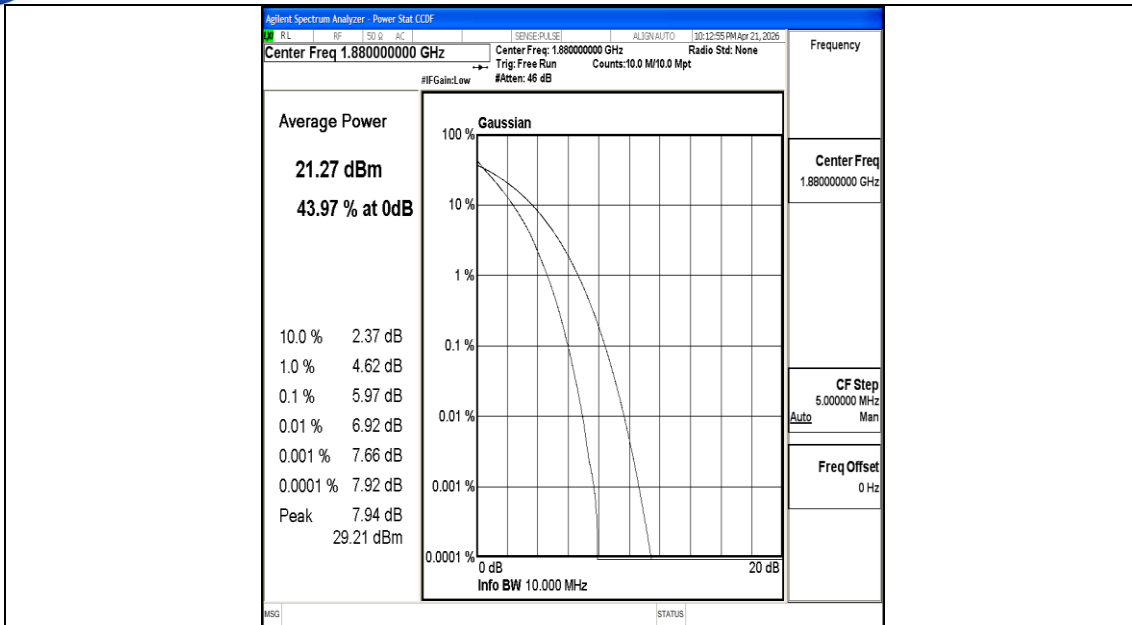
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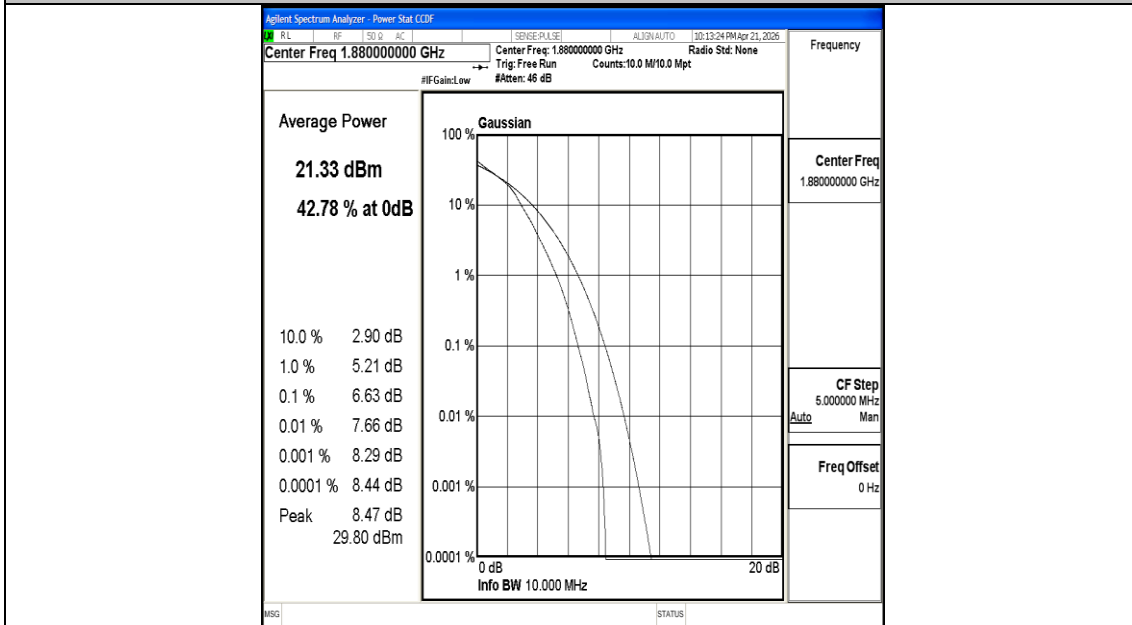
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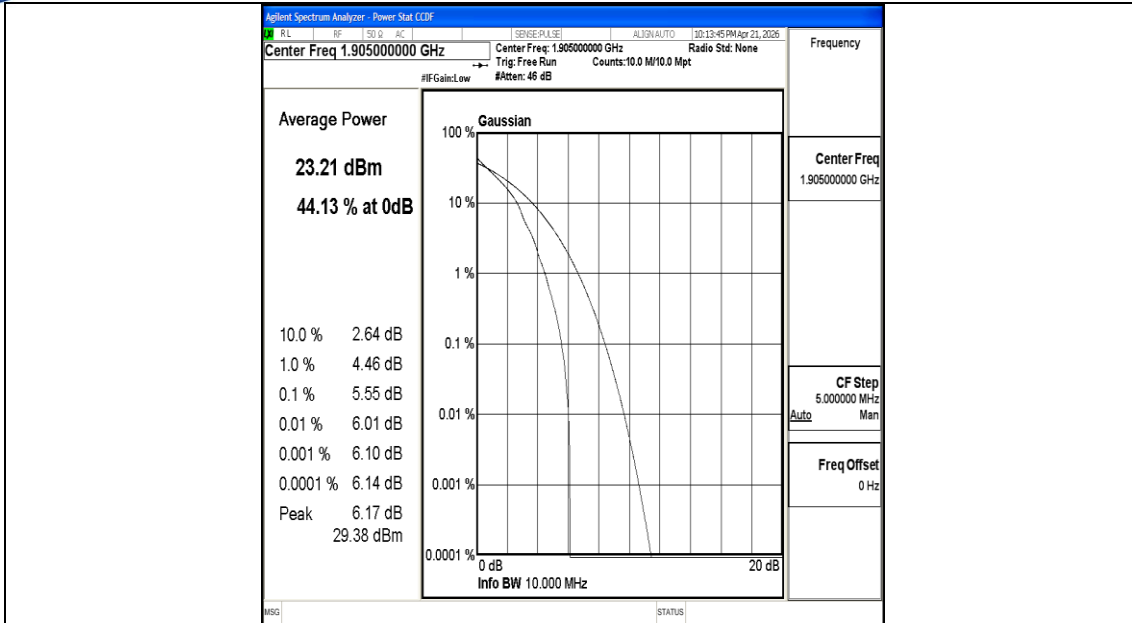
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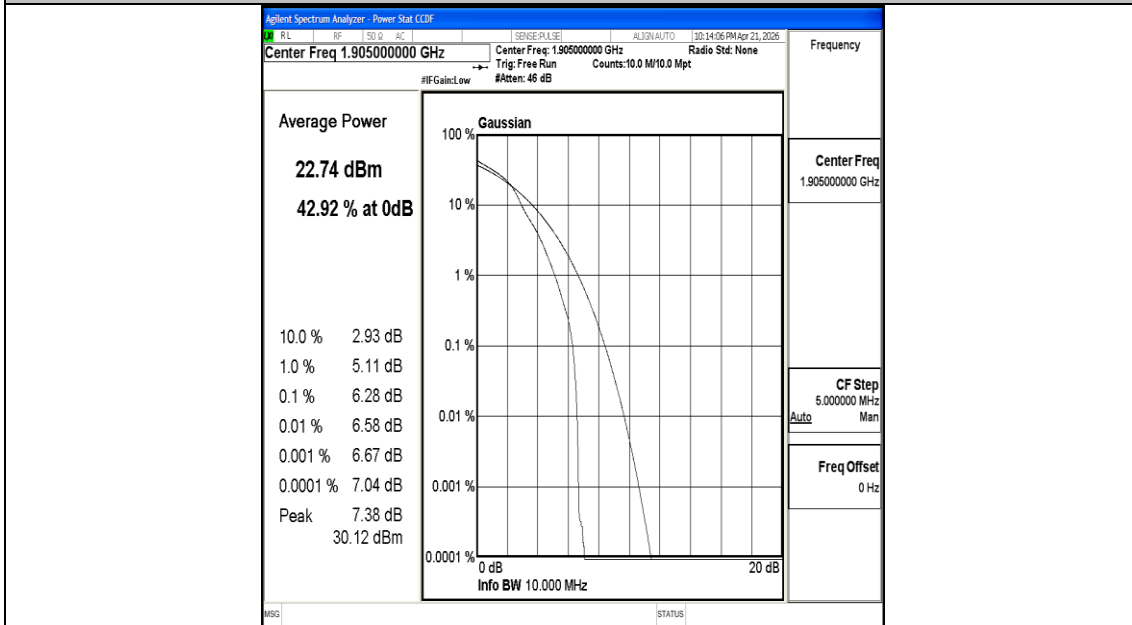
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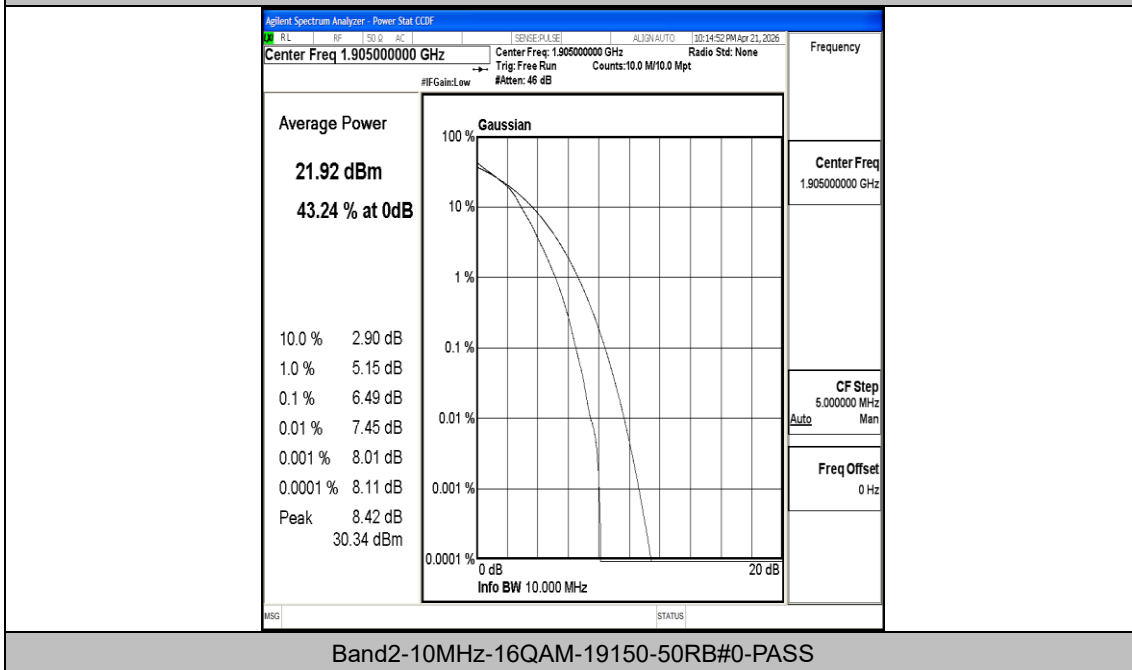
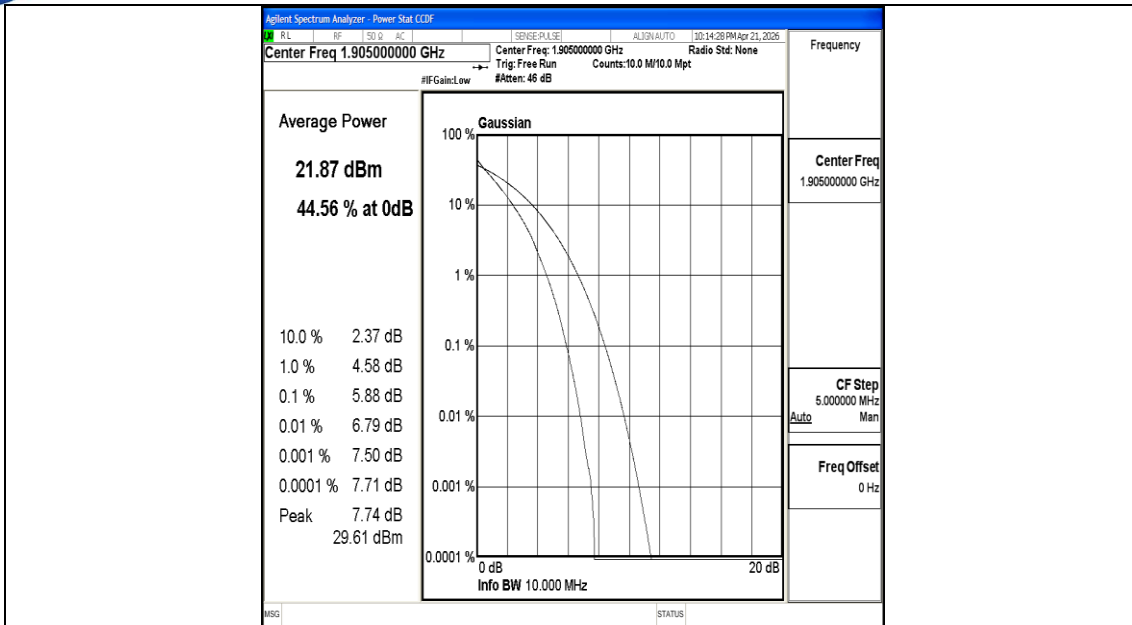
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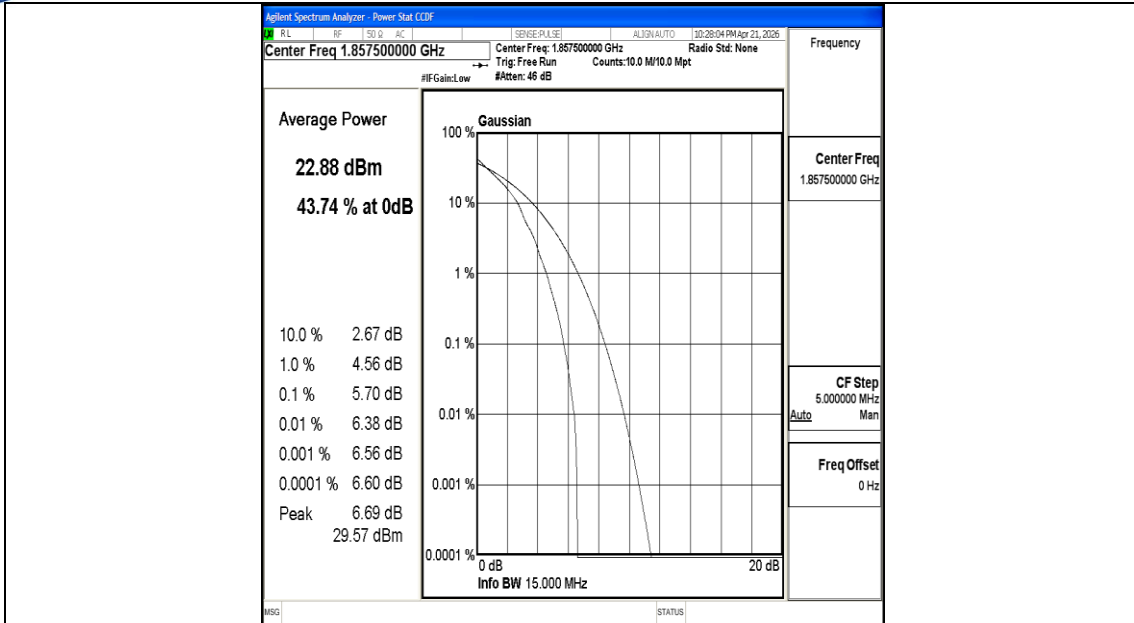


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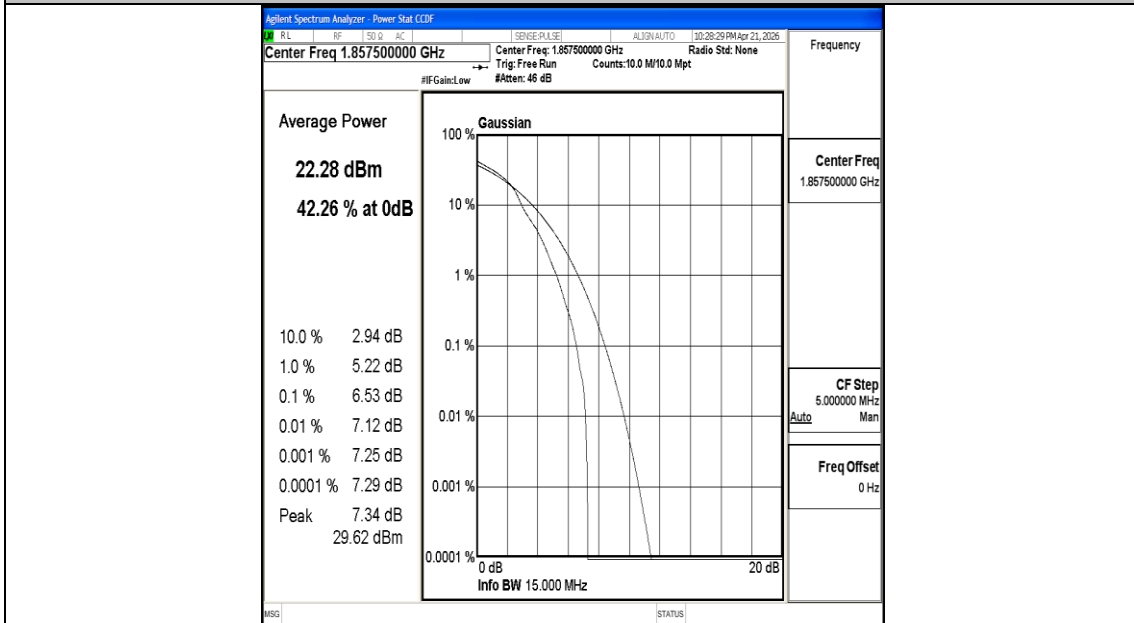


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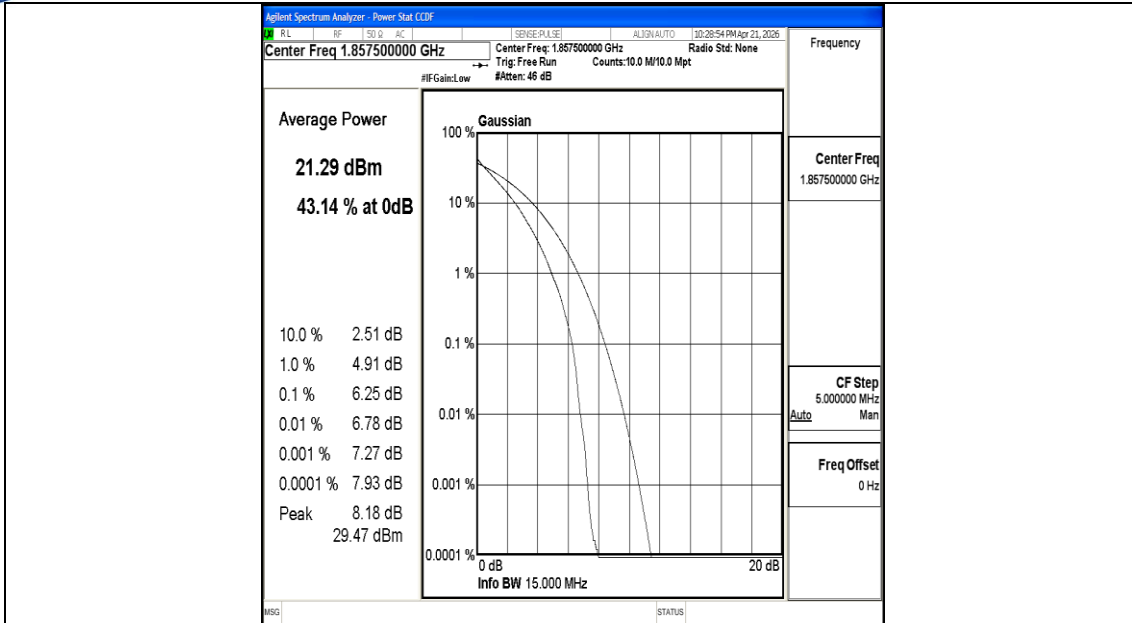




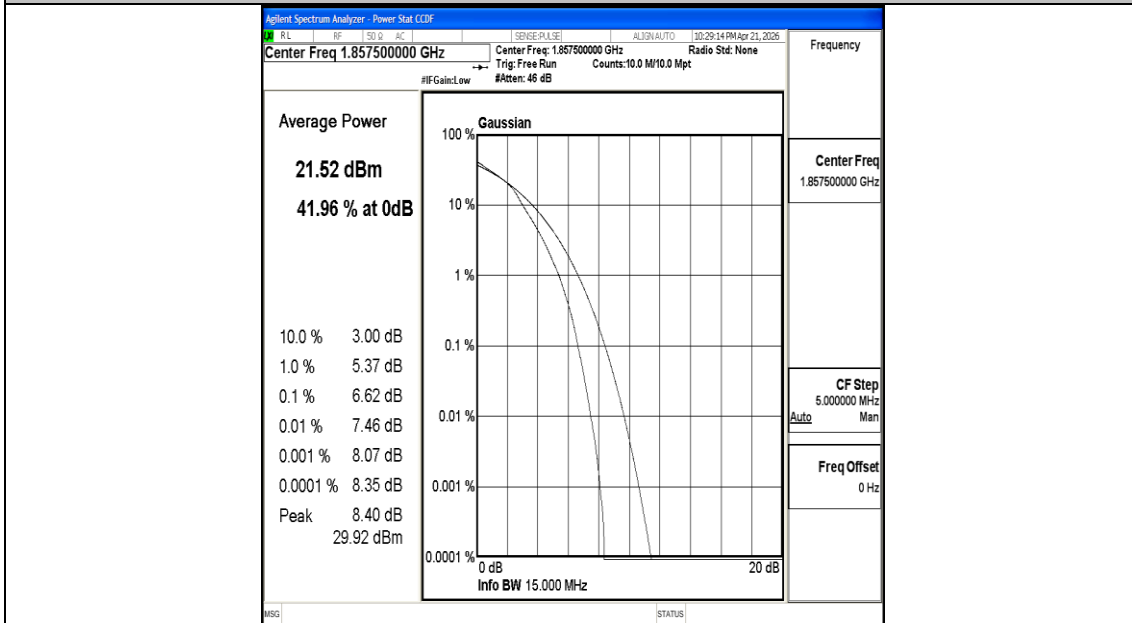
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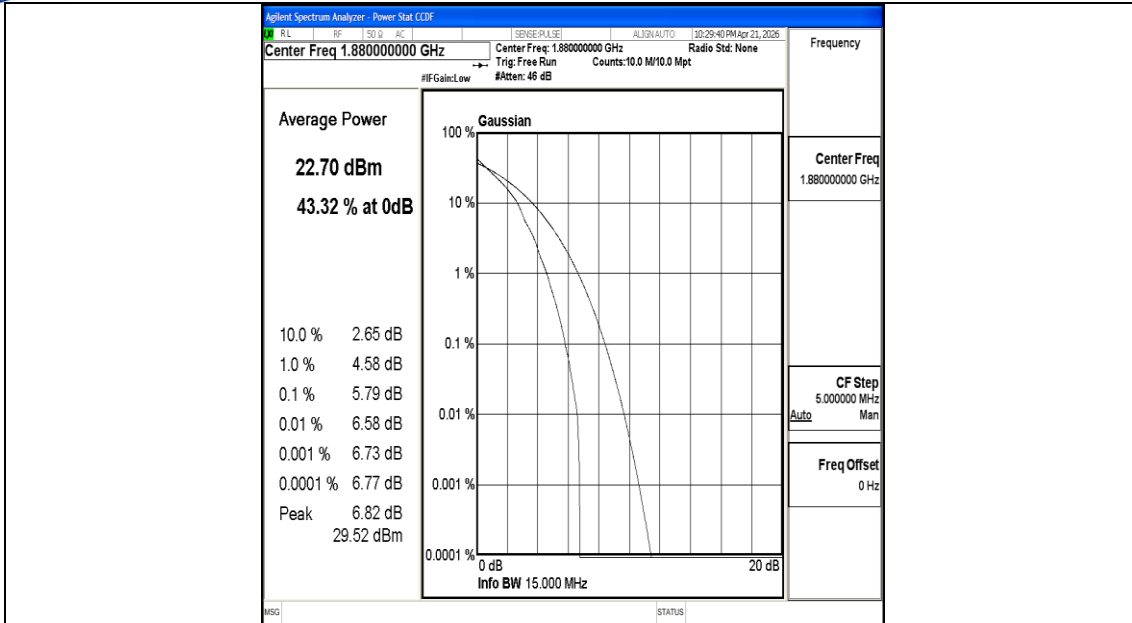
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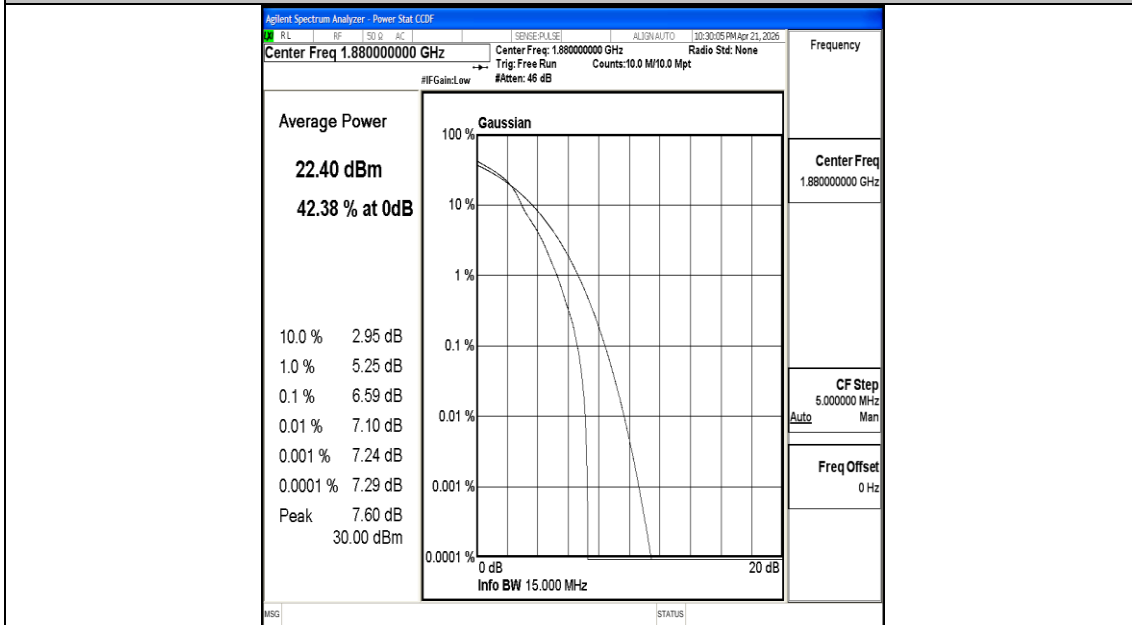
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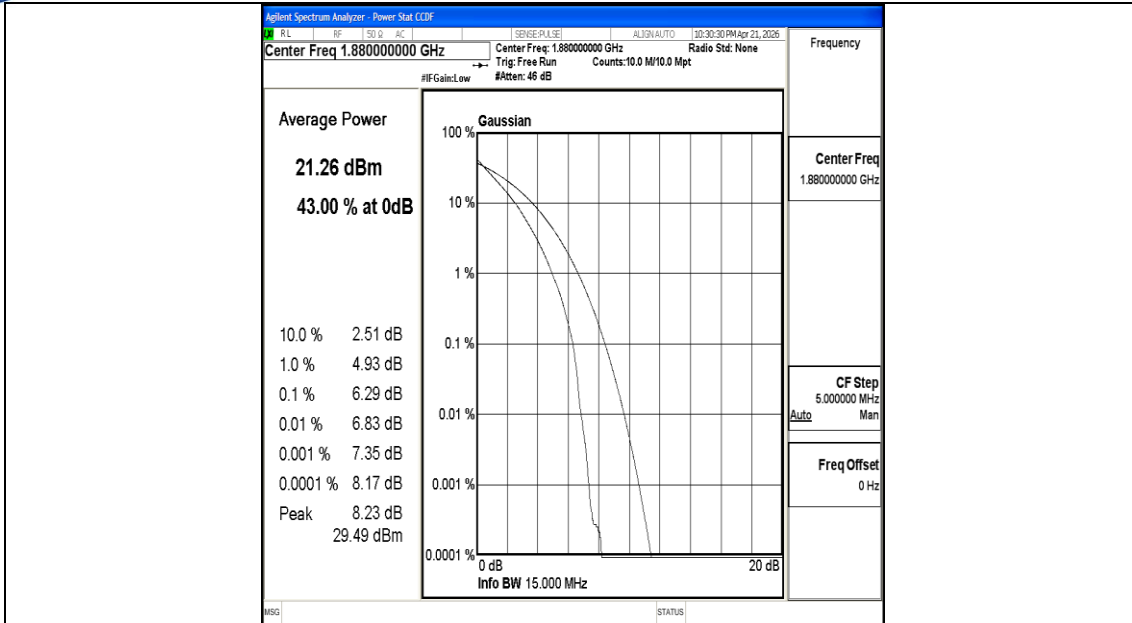
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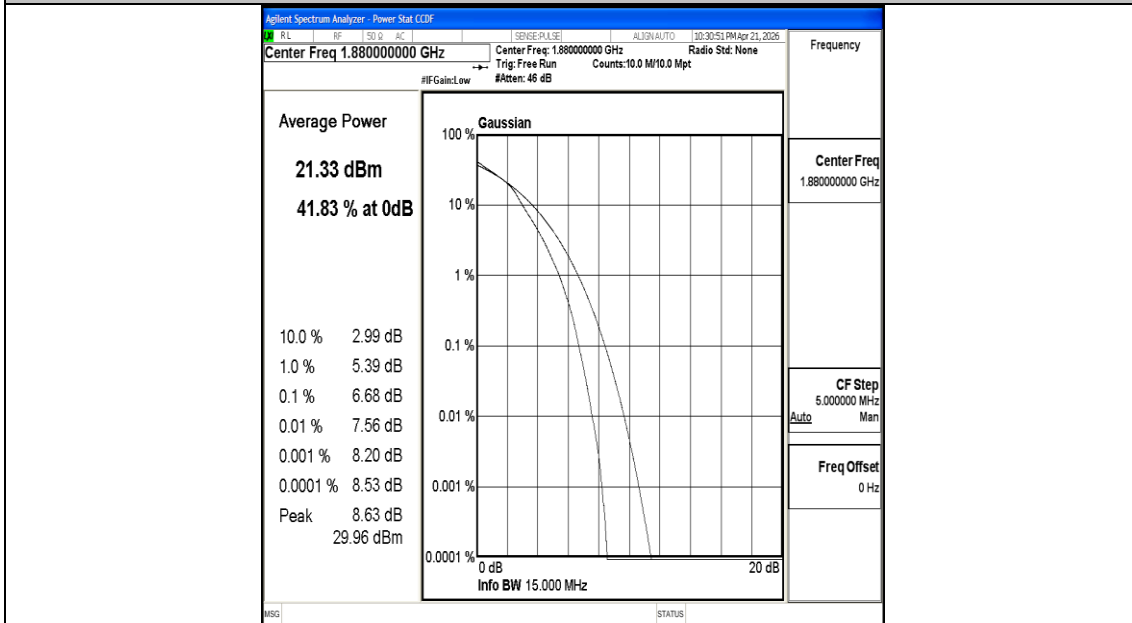
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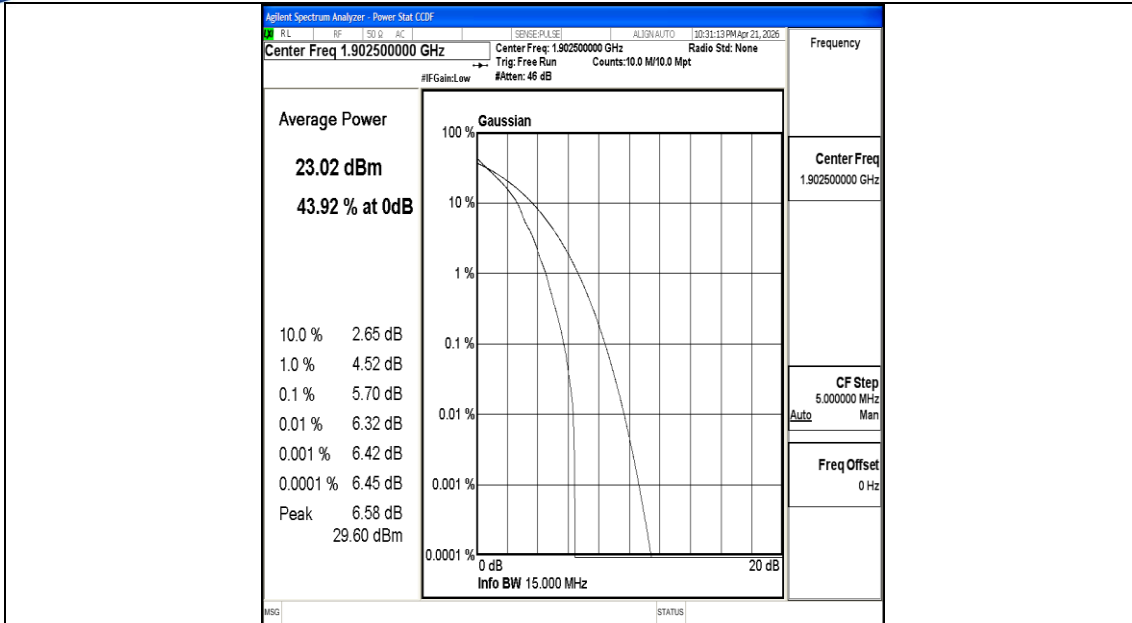
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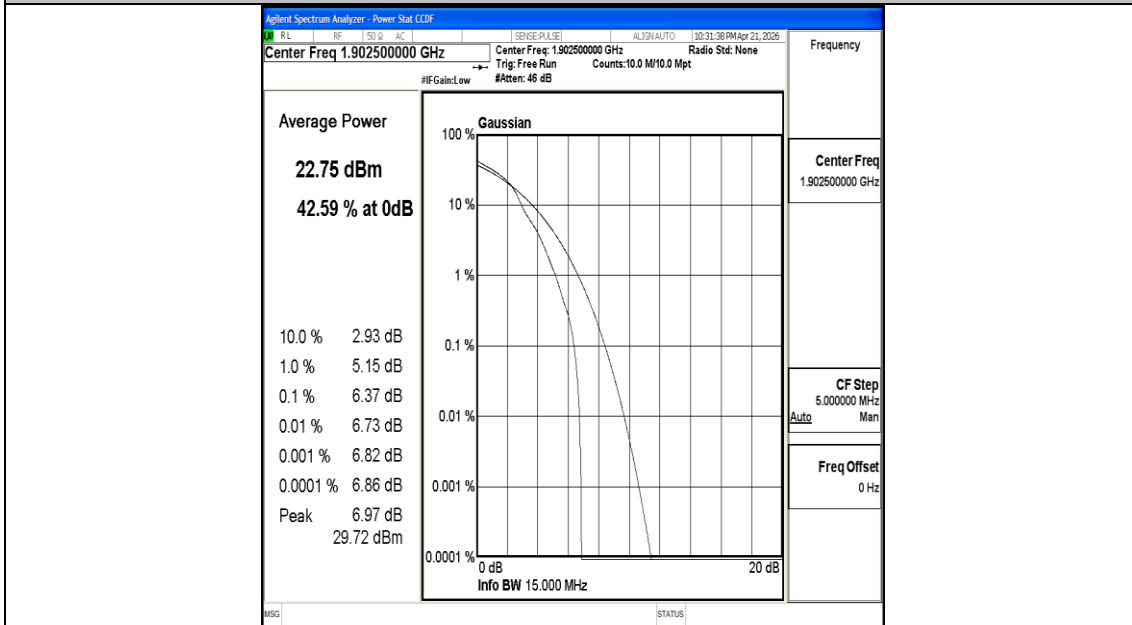
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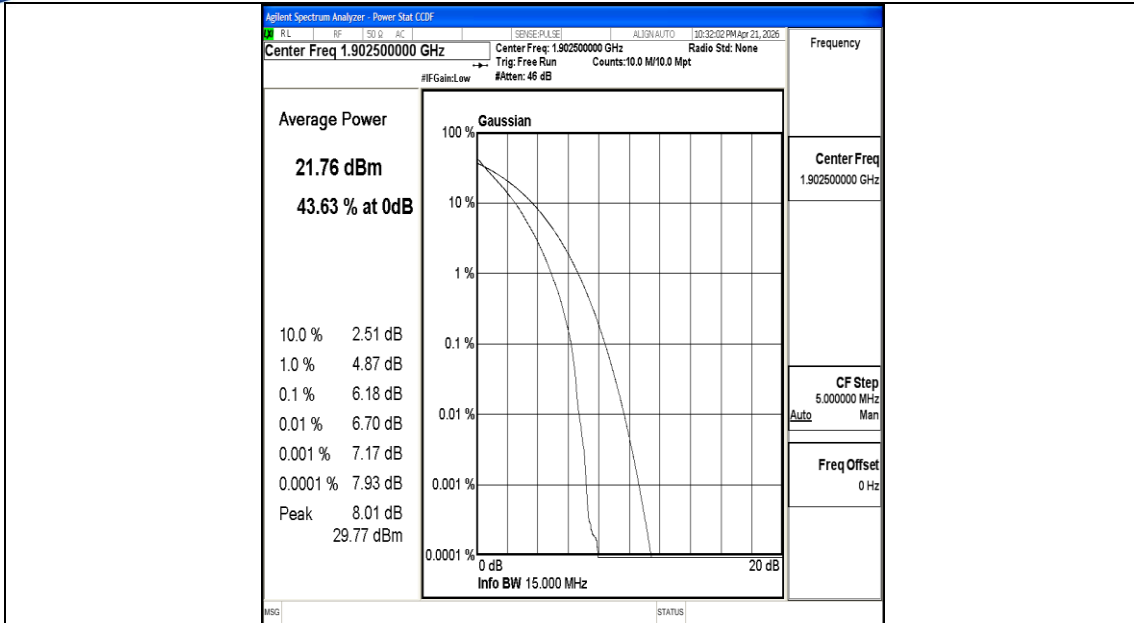
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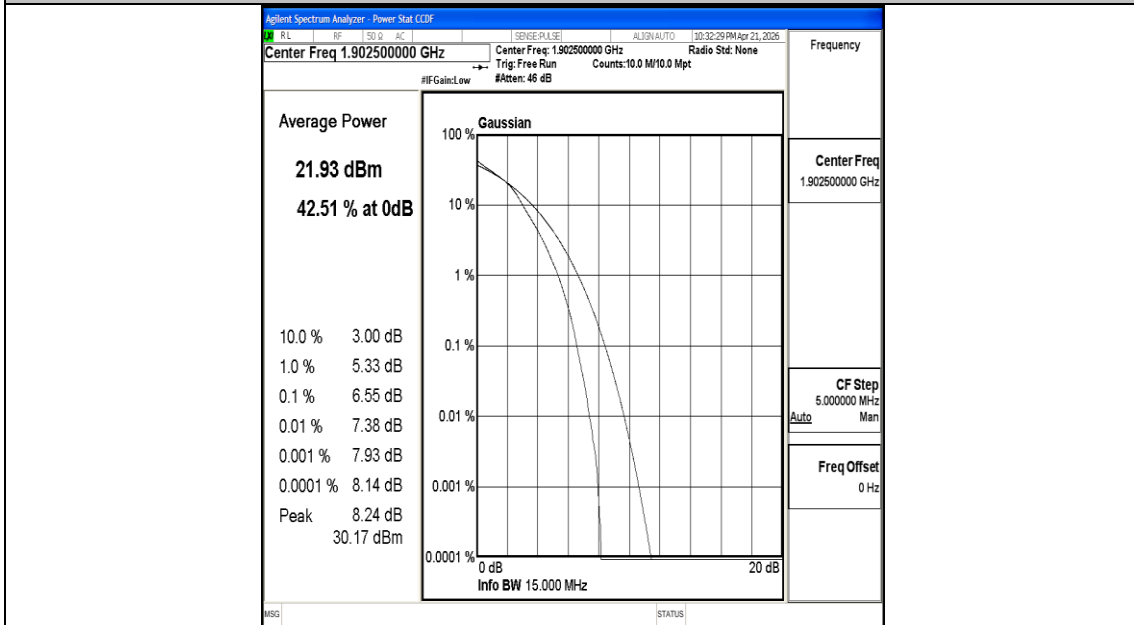
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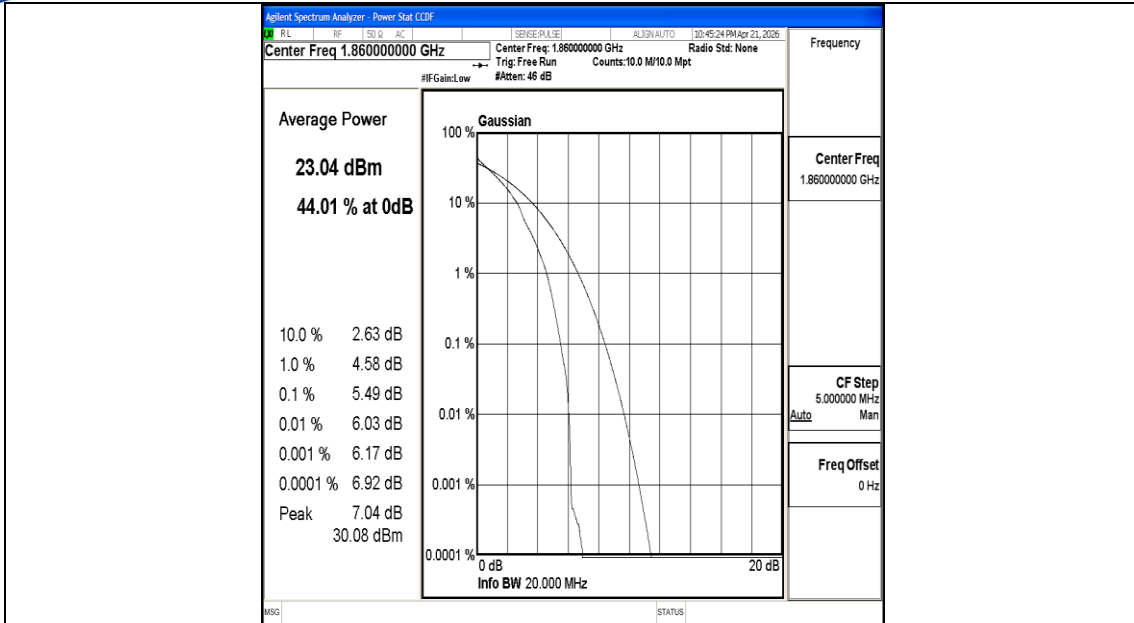
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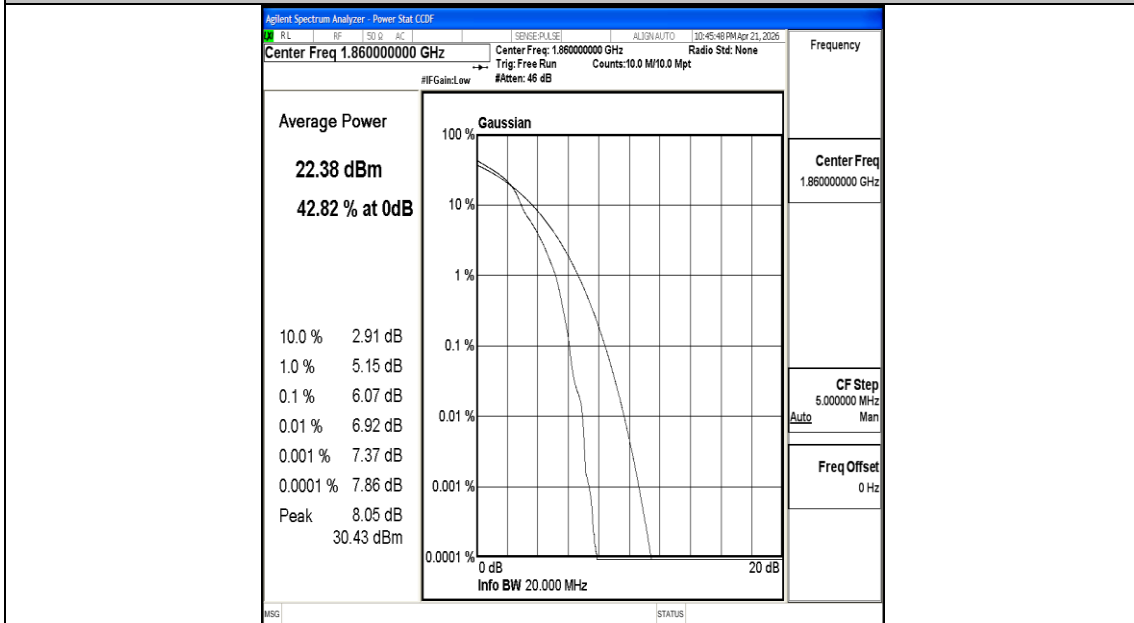
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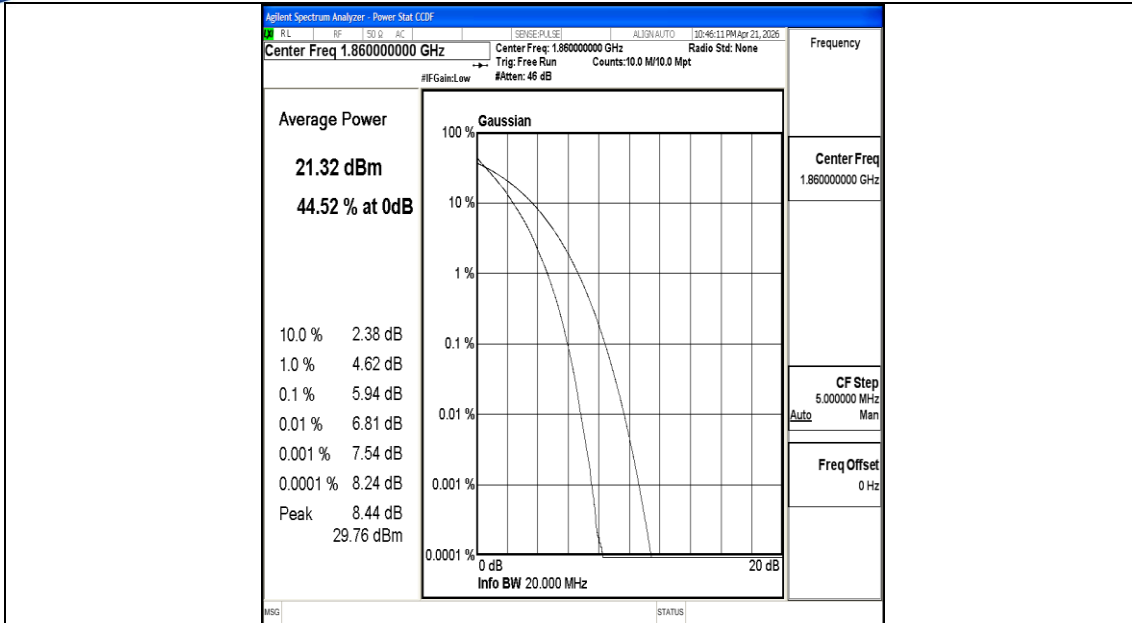
Band2-15MHz-16QAM-19125-75RB#0-PASS



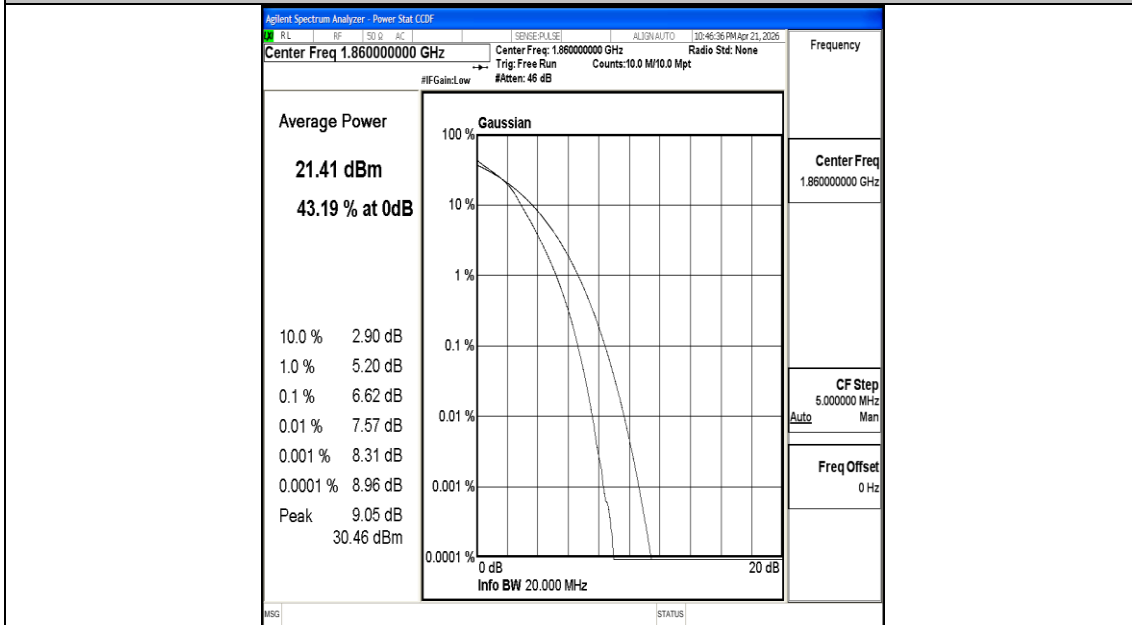
Band2-20MHz-QPSK-18700-1RB#0-PASS



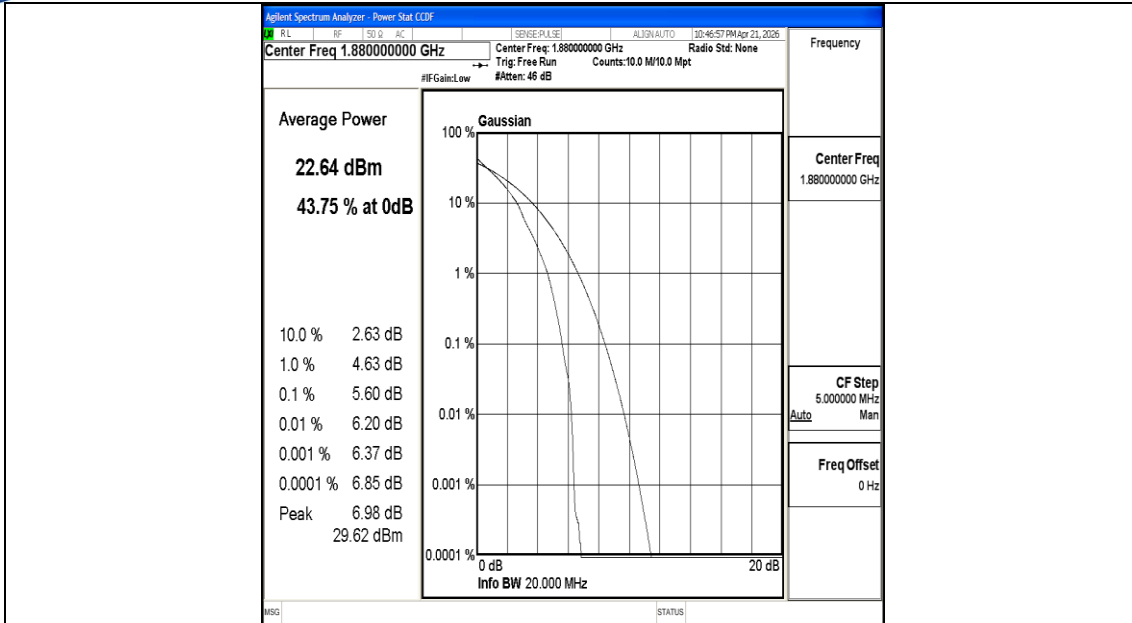
Band2-20MHz-16QAM-18700-1RB#0-PASS



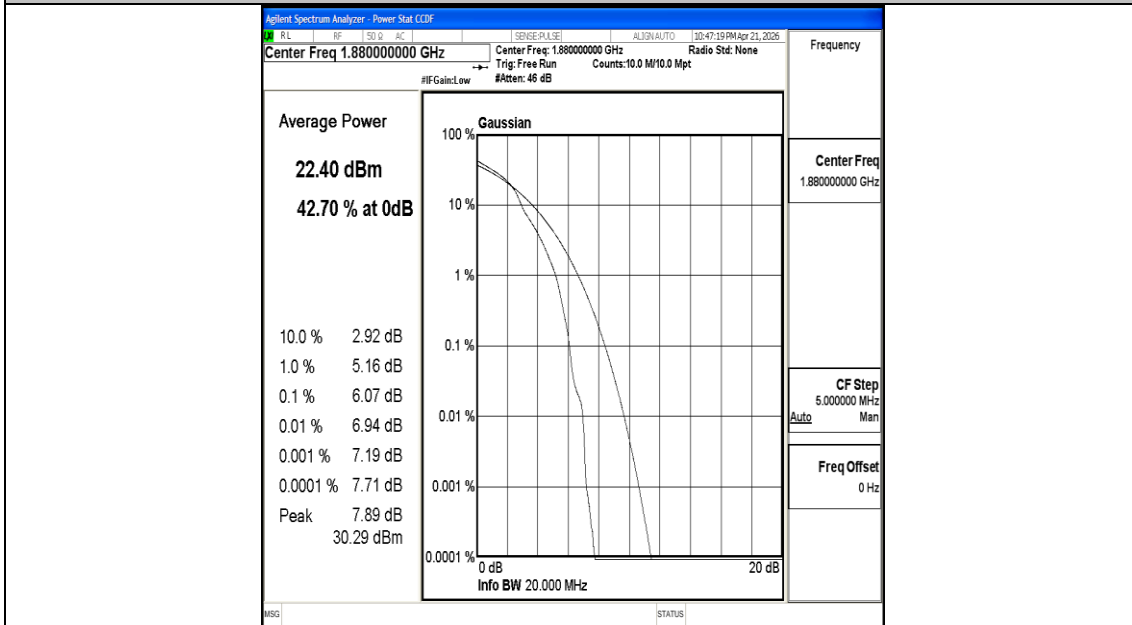
Band2-20MHz-QPSK-18700-100RB#0-PASS



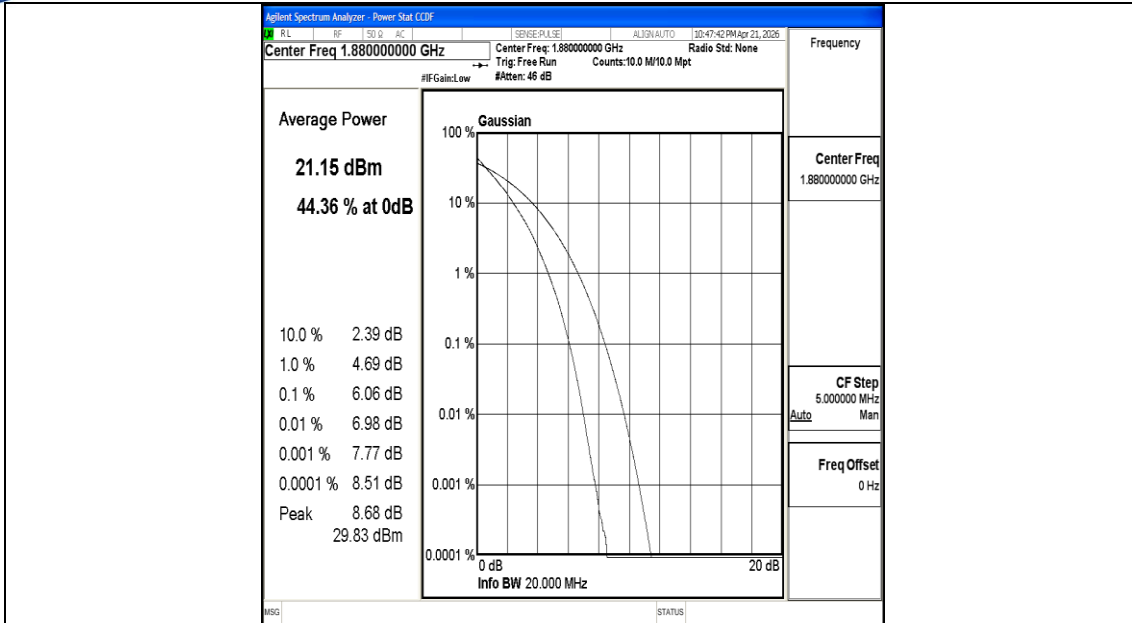
Band2-20MHz-16QAM-18700-100RB#0-PASS



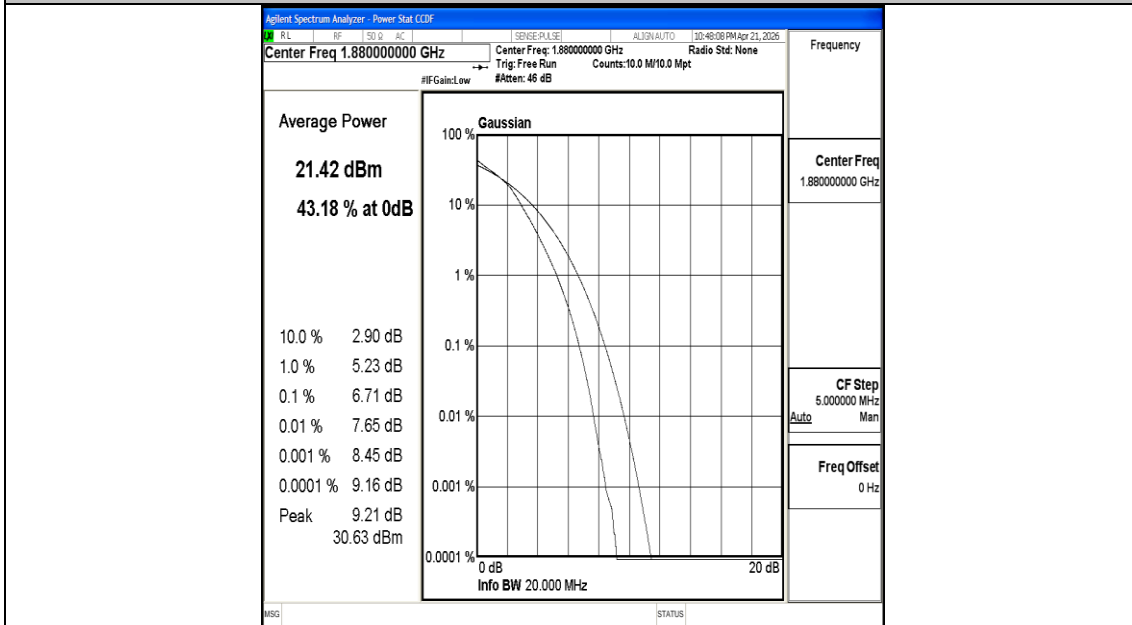
Band2-20MHz-QPSK-18900-1RB#0-PASS



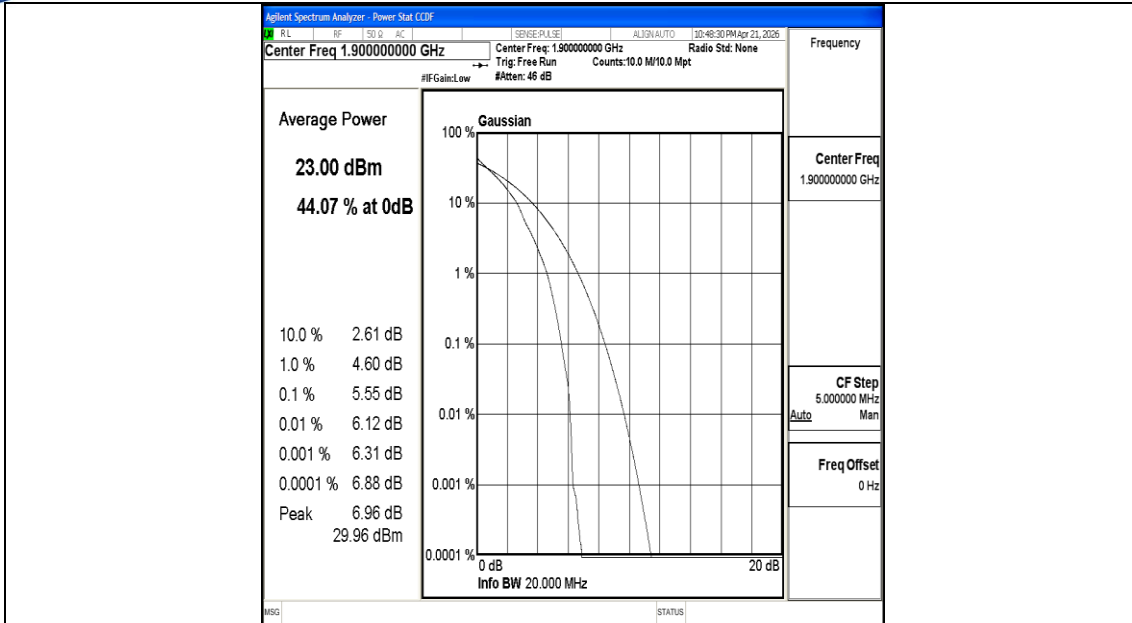
Band2-20MHz-16QAM-18900-1RB#0-PASS



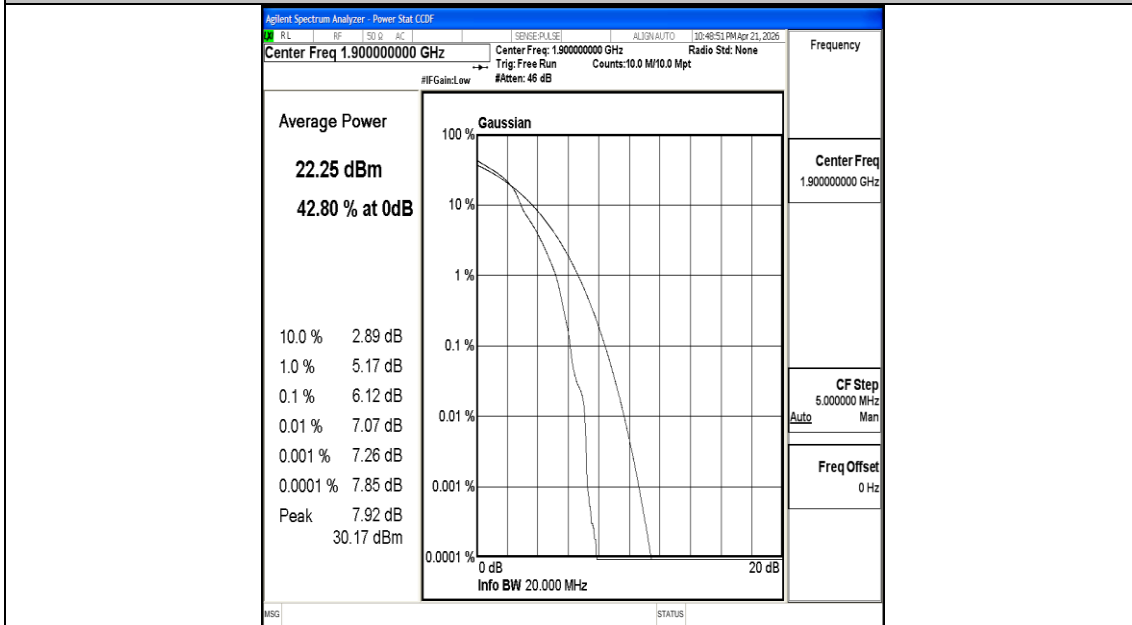
Band2-20MHz-QPSK-18900-100RB#0-PASS



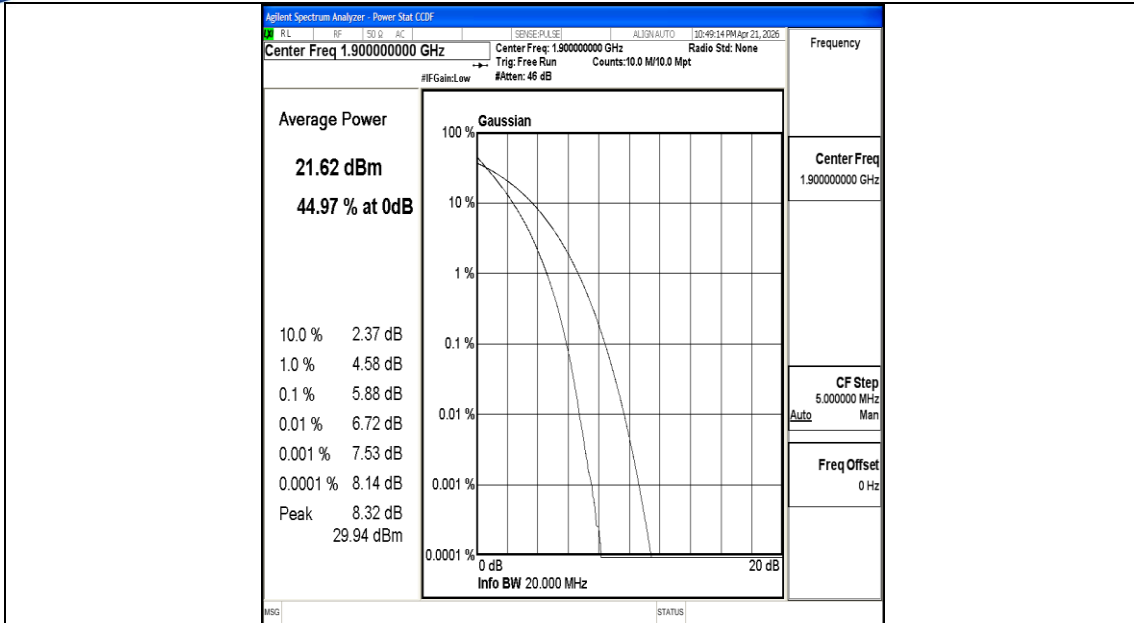
Band2-20MHz-16QAM-18900-100RB#0-PASS



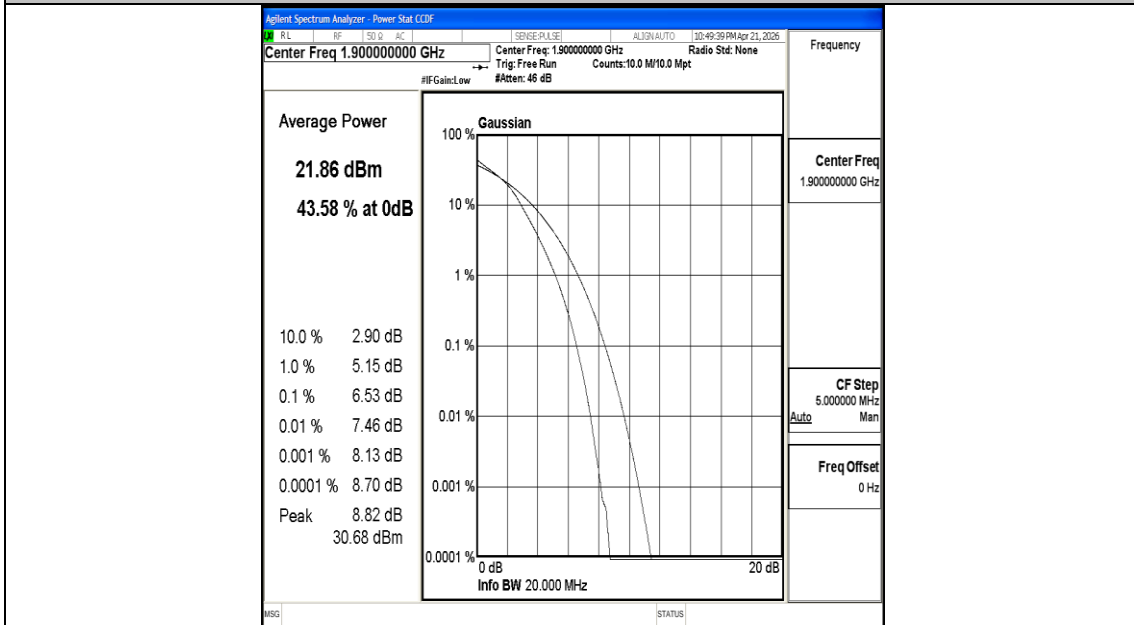
Band2-20MHz-QPSK-19100-1RB#0-PASS



Band2-20MHz-16QAM-19100-1RB#0-PASS



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



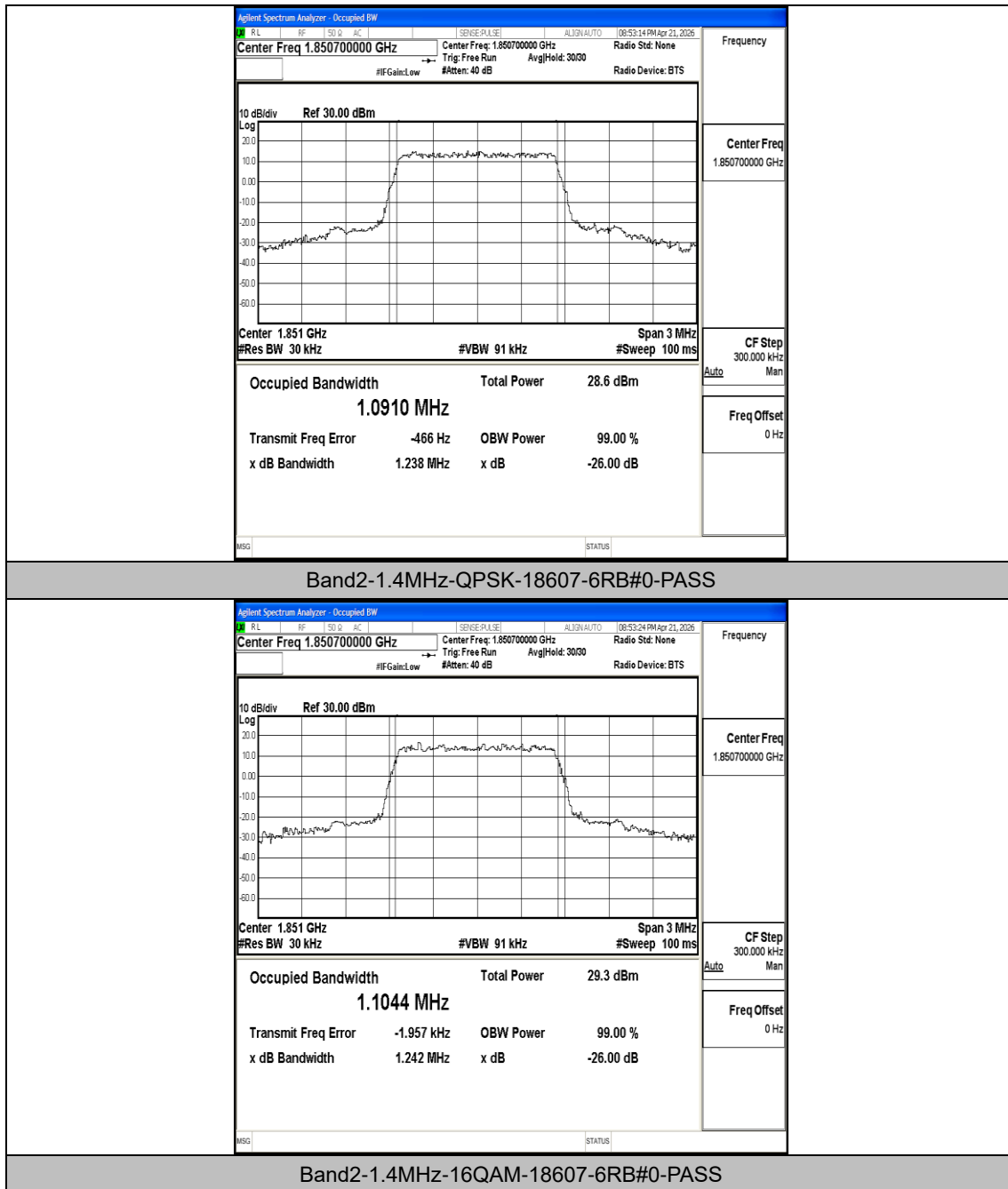
Band2-20MHz-16QAM-19100-100RB#0-PASS

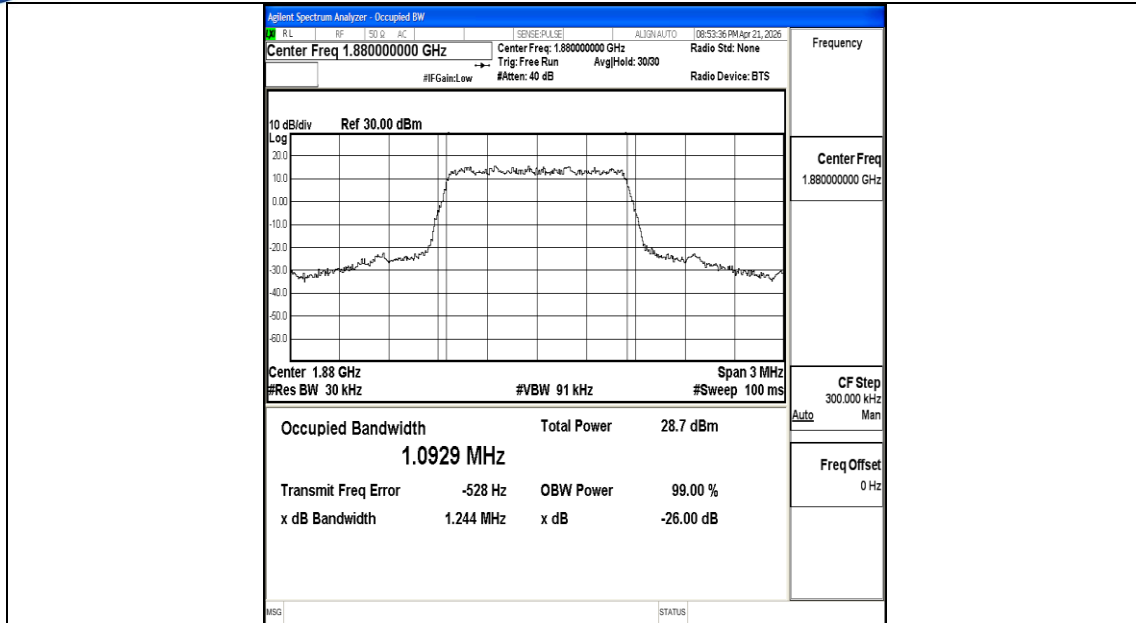
2 26dB Bandwidth and Occupied Bandwidth

Test Result

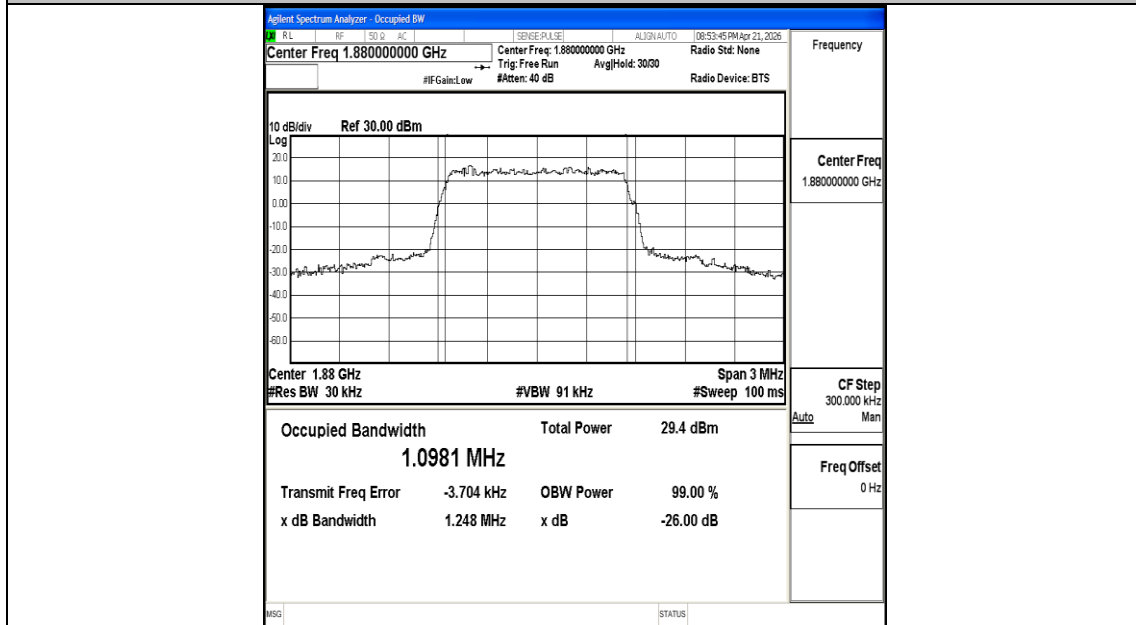
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0910	1.238	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1044	1.242	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0929	1.244	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0981	1.248	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0925	1.242	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0975	1.244	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.7520	3.082	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.7503	3.073	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7626	3.108	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.7487	3.080	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7536	3.098	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.7488	3.093	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5109	4.972	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5023	4.960	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5133	4.958	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5085	4.959	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5146	4.982	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5072	4.944	PASS
Band2	10MHz	QPSK	18650	50RB#0	9.0016	9.868	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9946	9.942	PASS
Band2	10MHz	QPSK	18900	50RB#0	9.0031	9.939	PASS
Band2	10MHz	16QAM	18900	50RB#0	9.0030	9.868	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9852	9.875	PASS
Band2	10MHz	16QAM	19150	50RB#0	9.0013	9.952	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.514	14.89	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.469	14.86	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.523	14.98	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.508	14.93	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.501	15.02	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.478	14.84	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.989	19.76	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.938	19.64	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.021	19.74	PASS
Band2	20MHz	16QAM	18900	100RB#0	18.067	19.68	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.992	19.69	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.999	19.66	PASS

Test Graphs

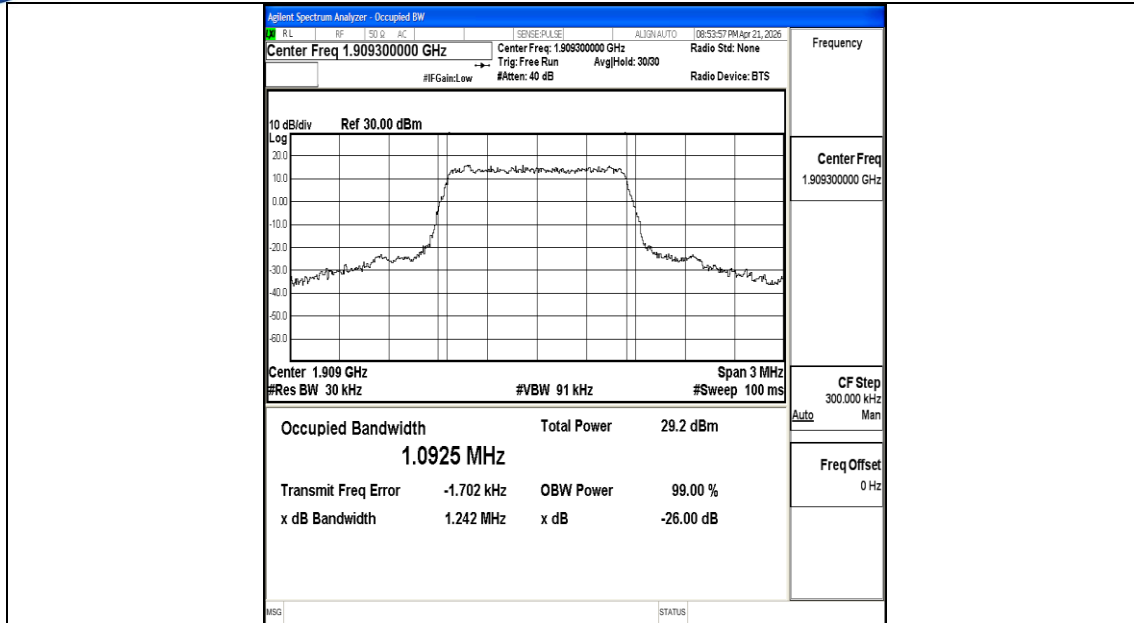




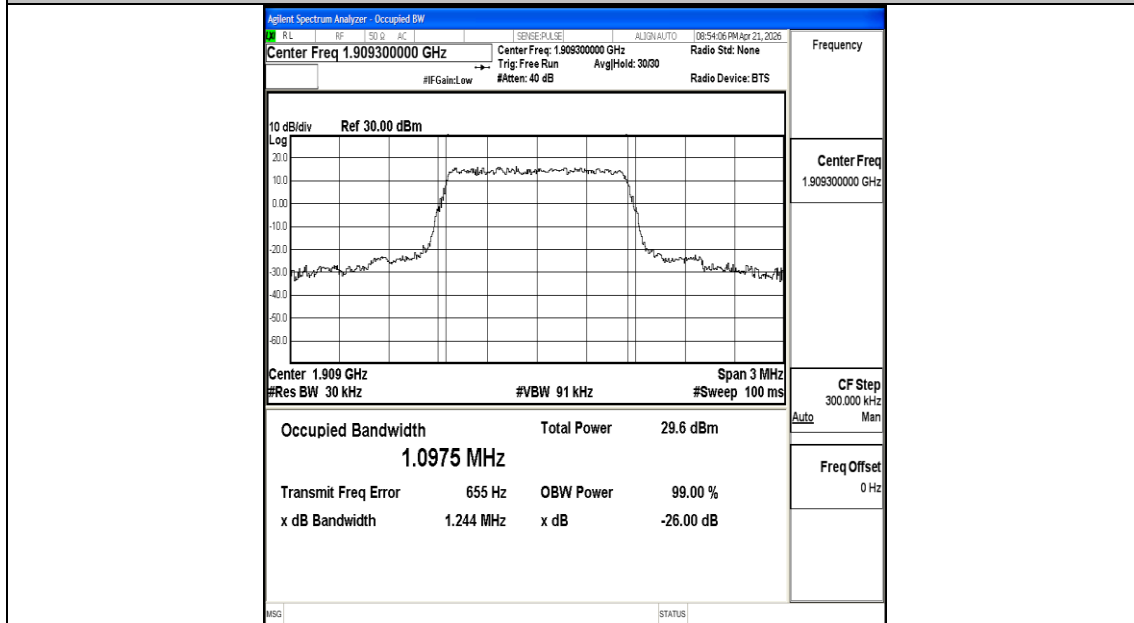
Band2-1.4MHz-QPSK-18900-6RB#0-PASS



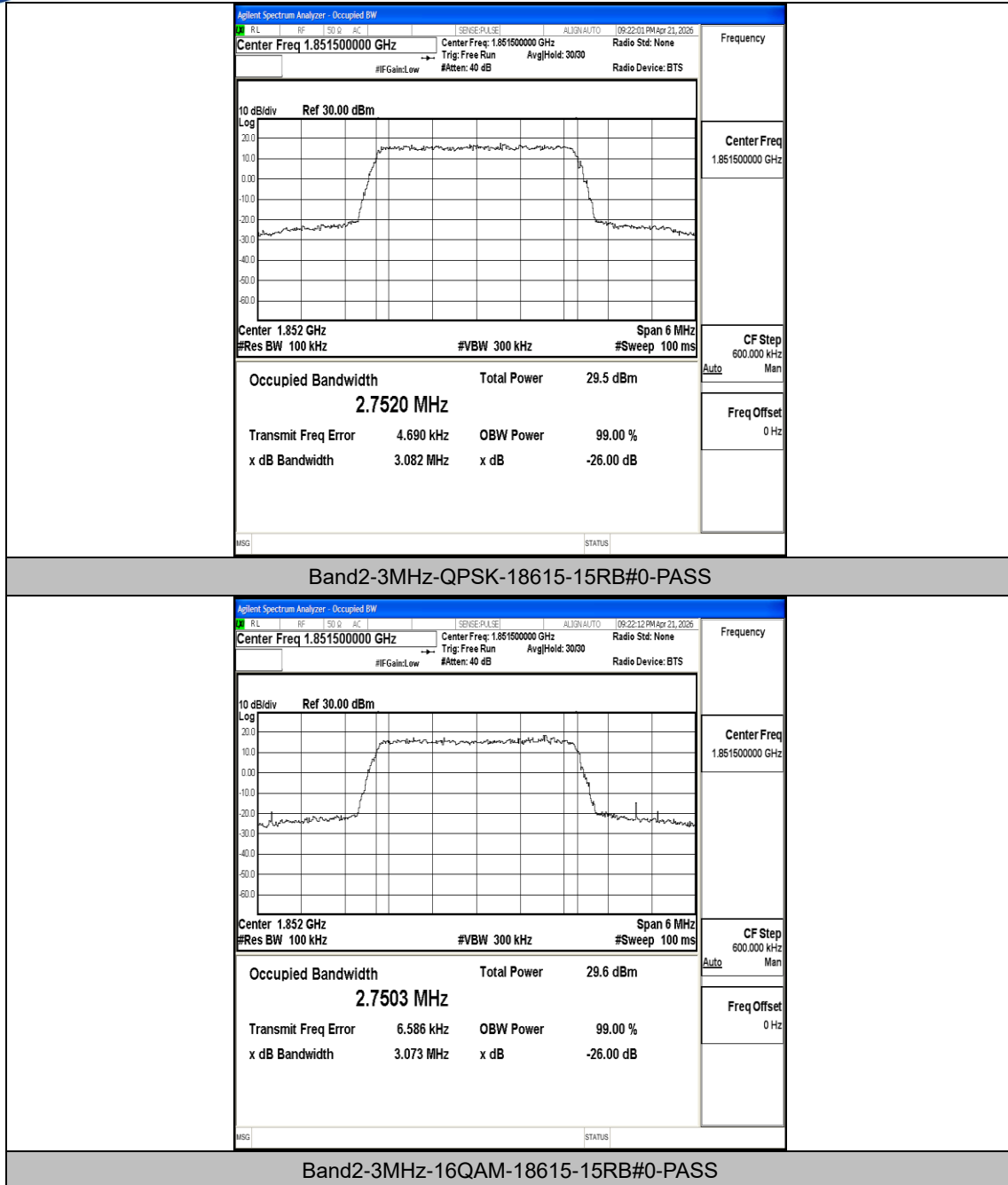
Band2-1.4MHz-16QAM-18900-6RB#0-PASS

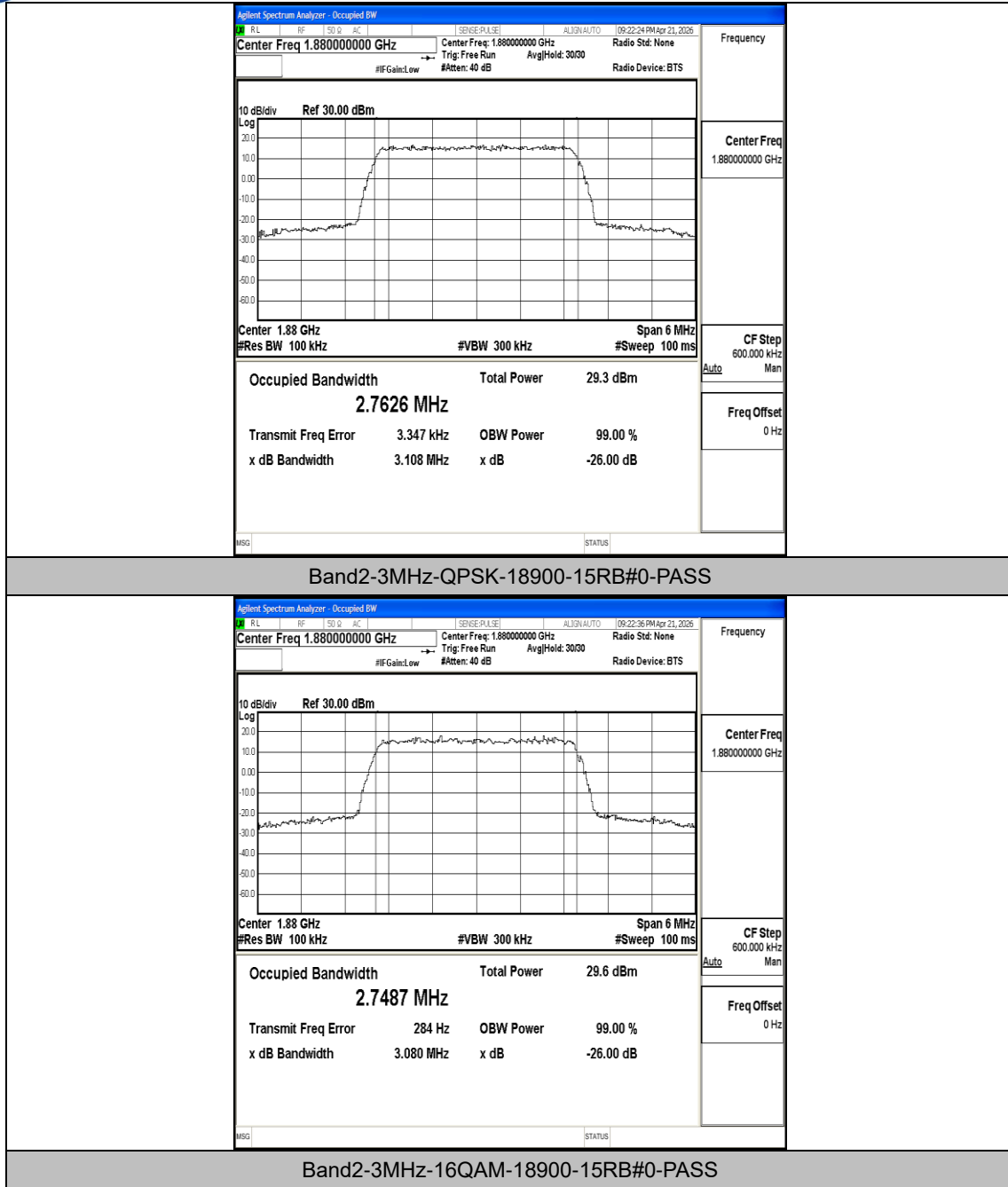


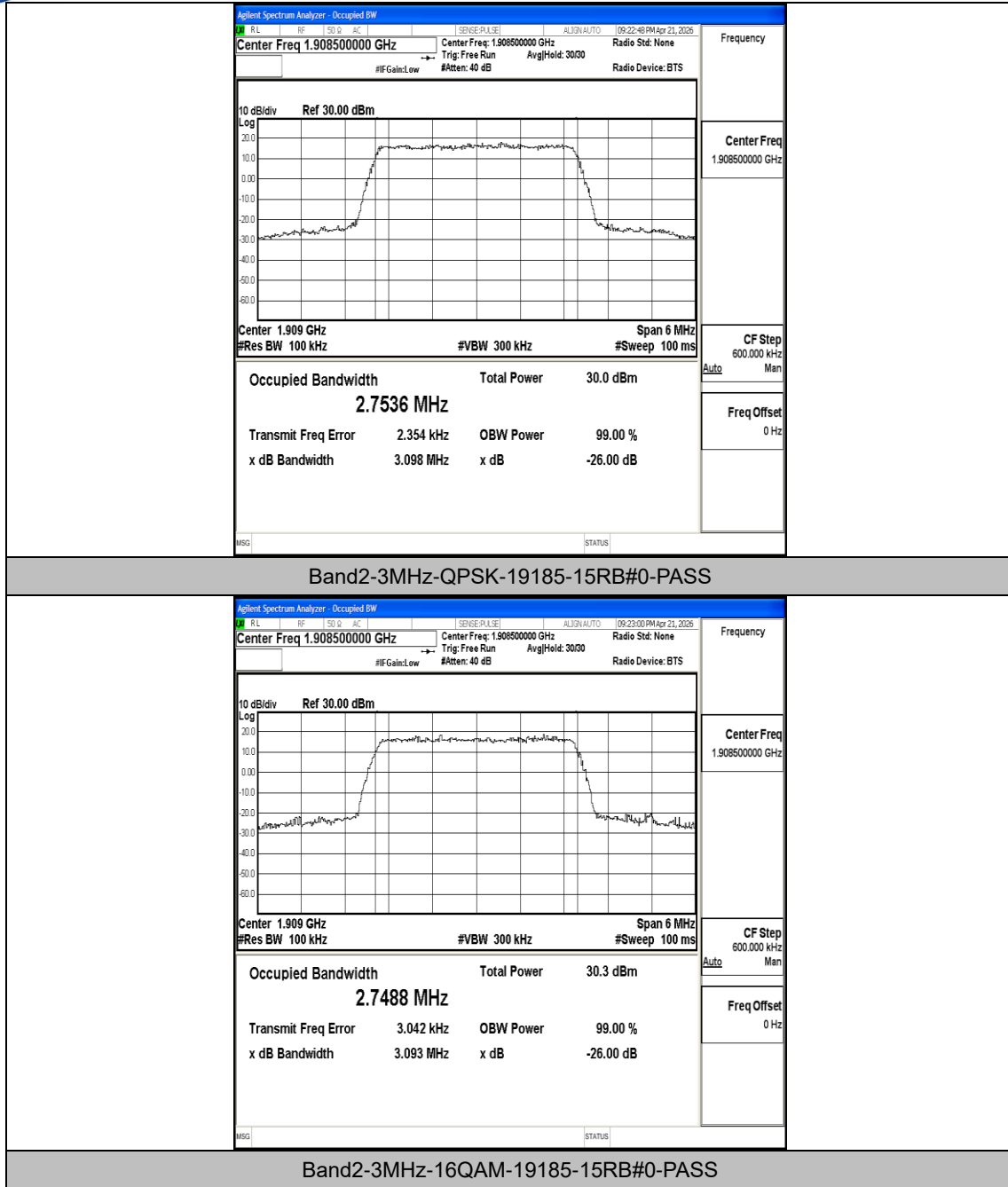
Band2-1.4MHz-QPSK-19193-6RB#0-PASS

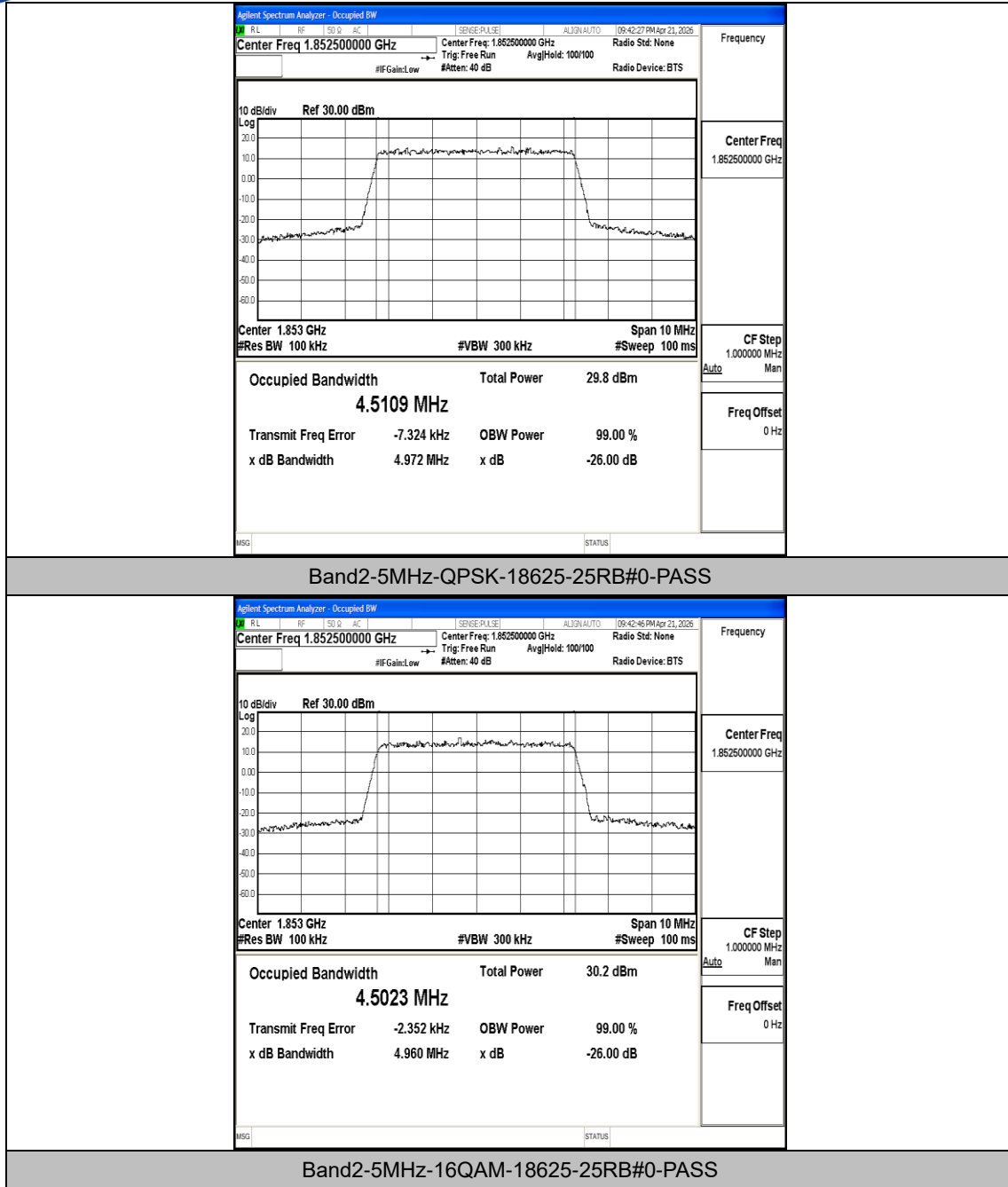


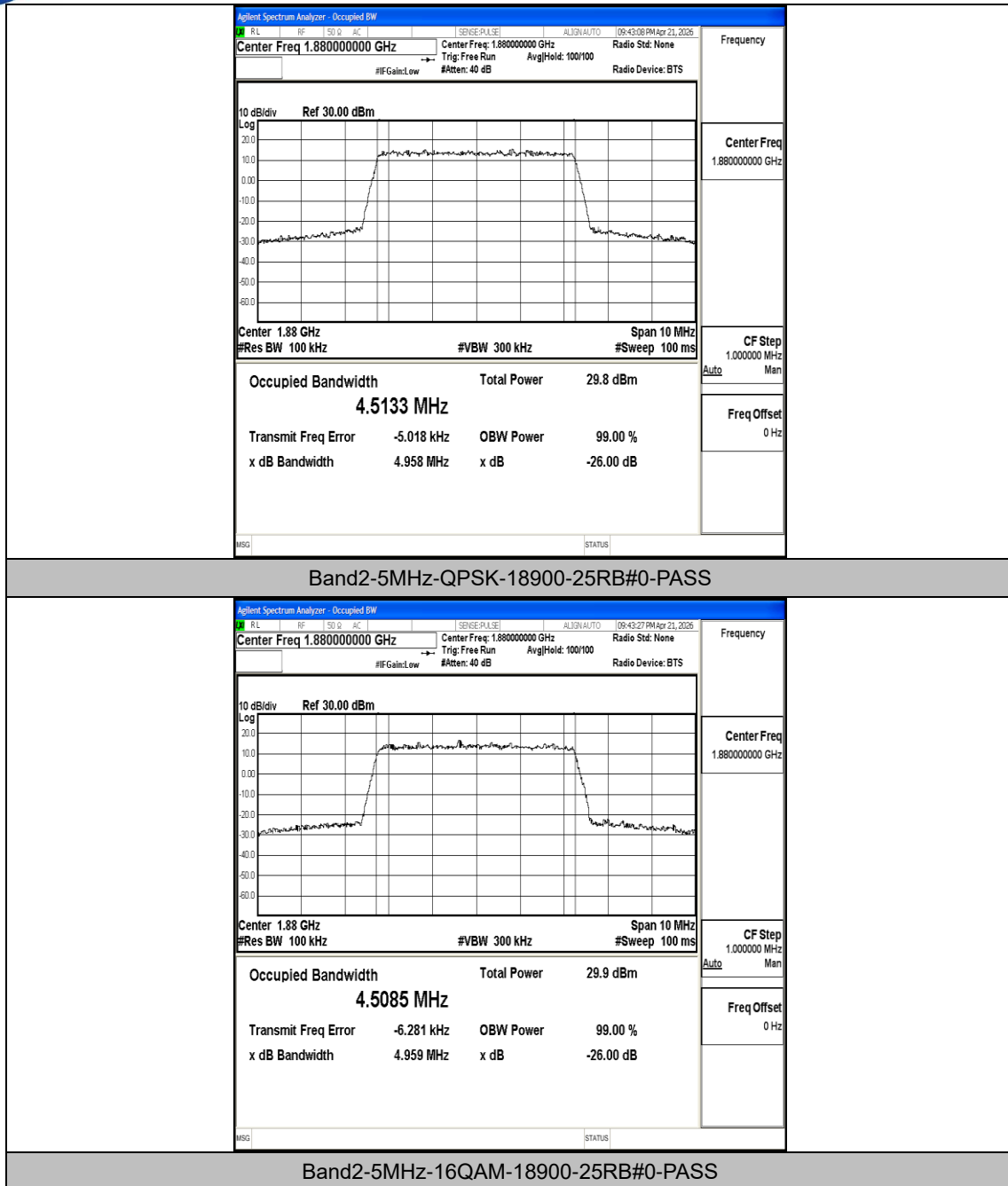
Band2-1.4MHz-16QAM-19193-6RB#0-PASS

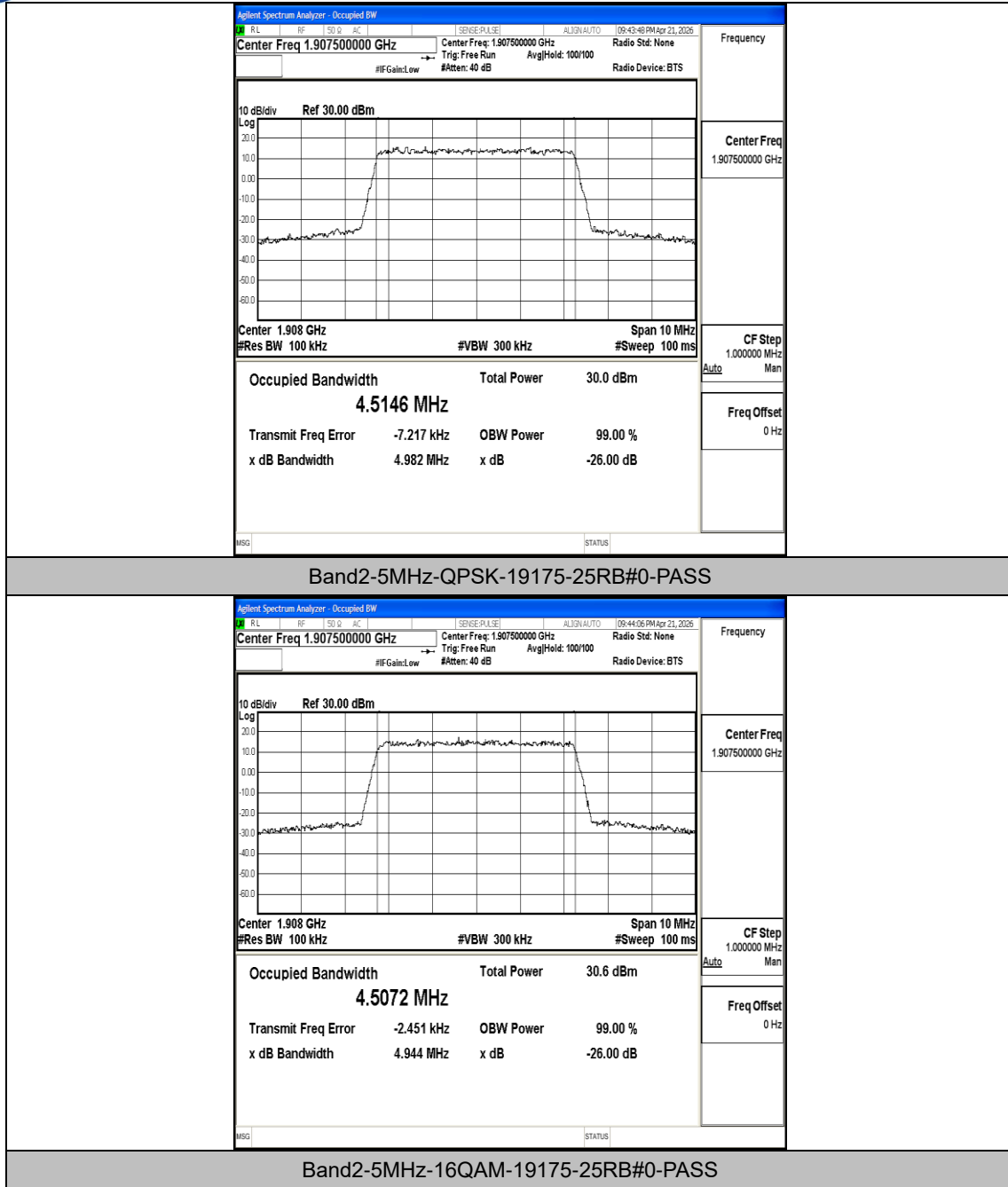


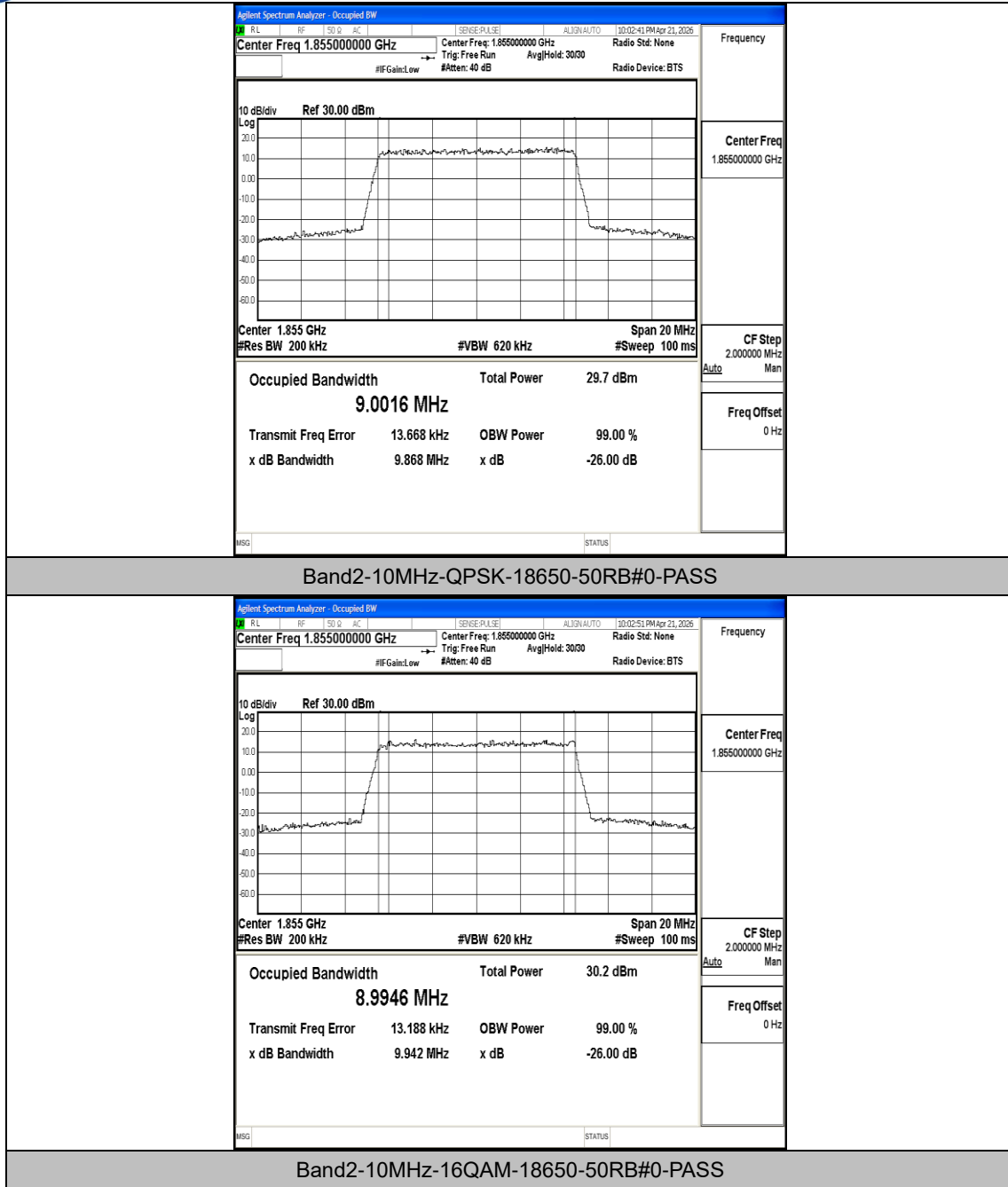


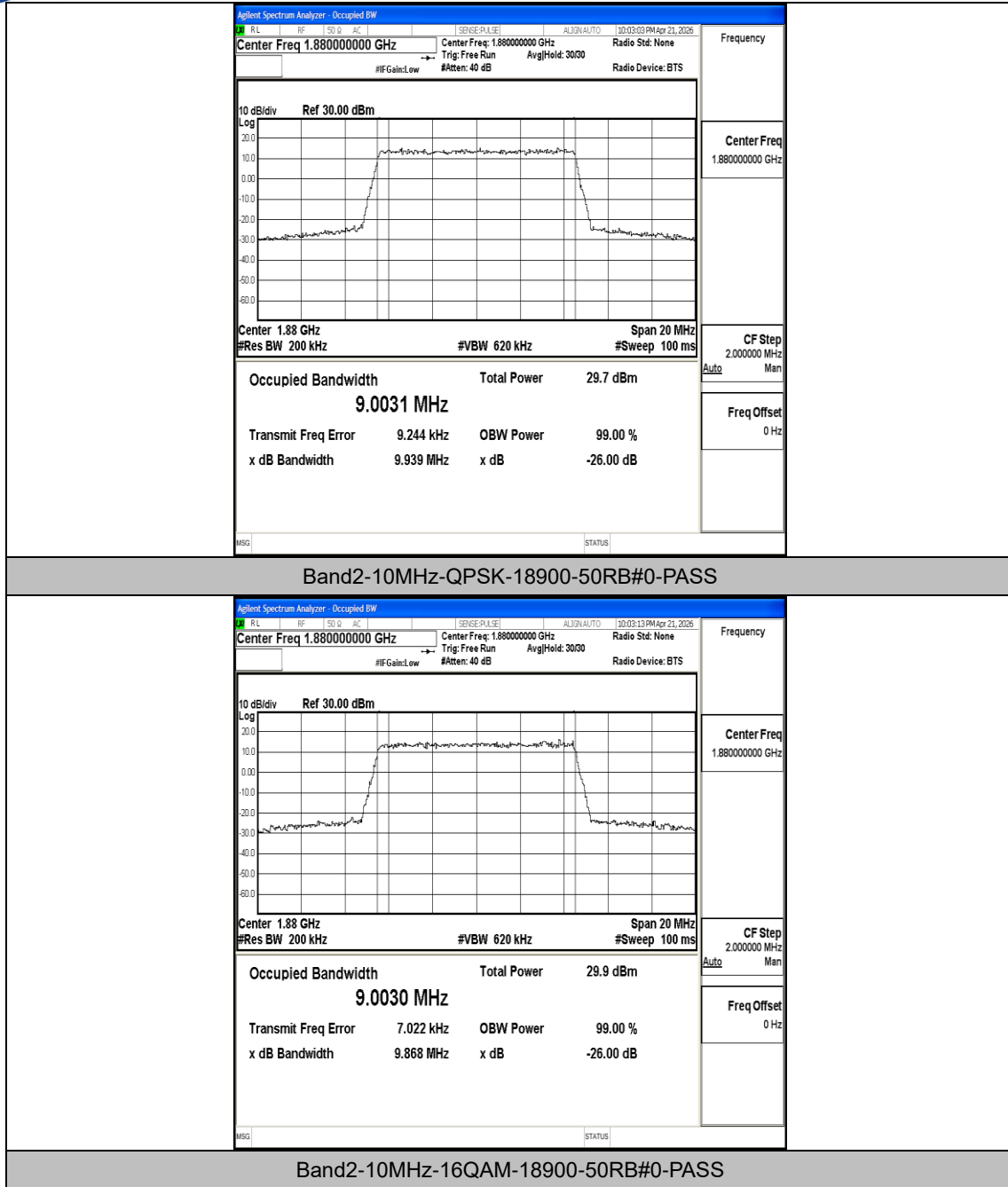


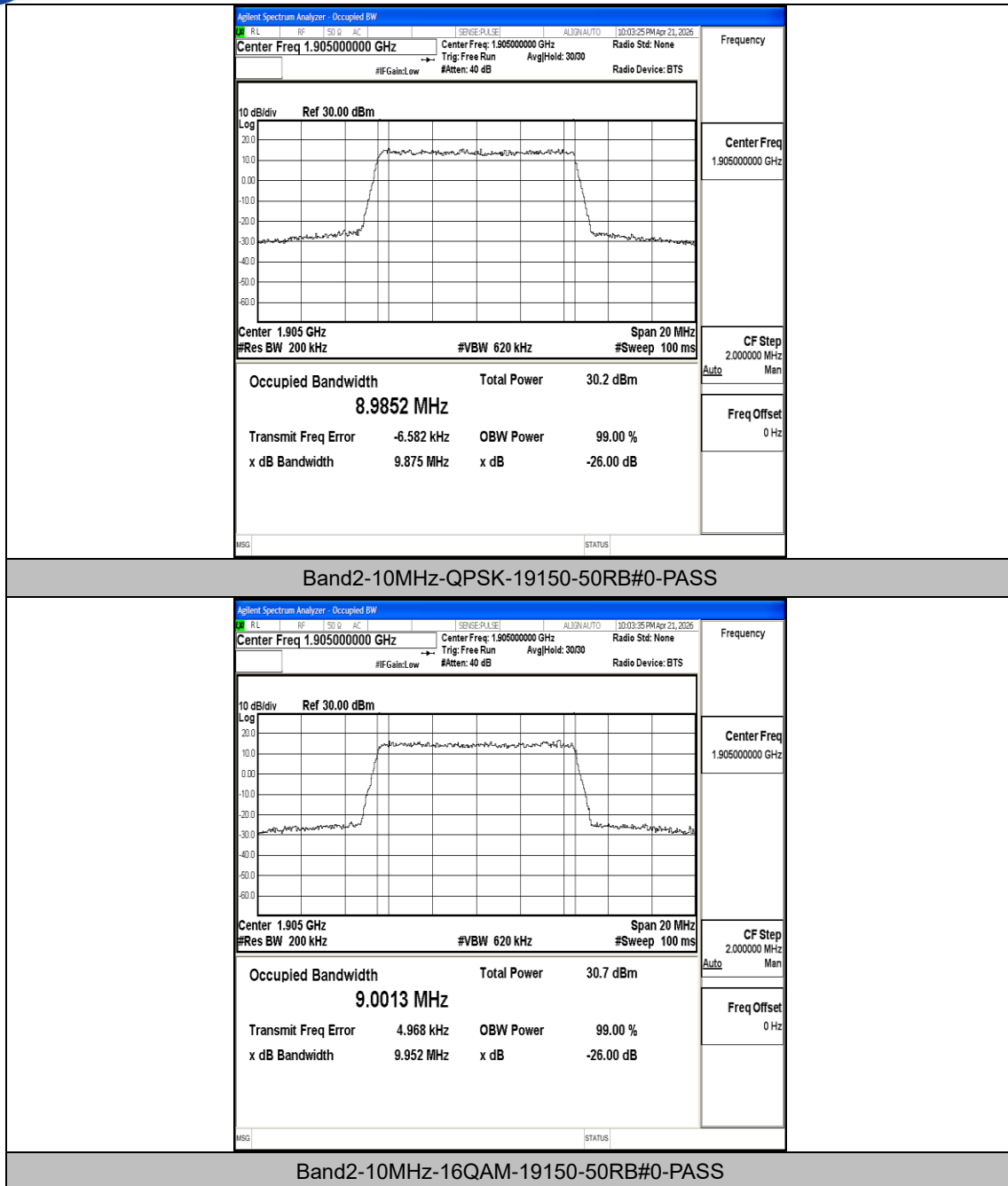


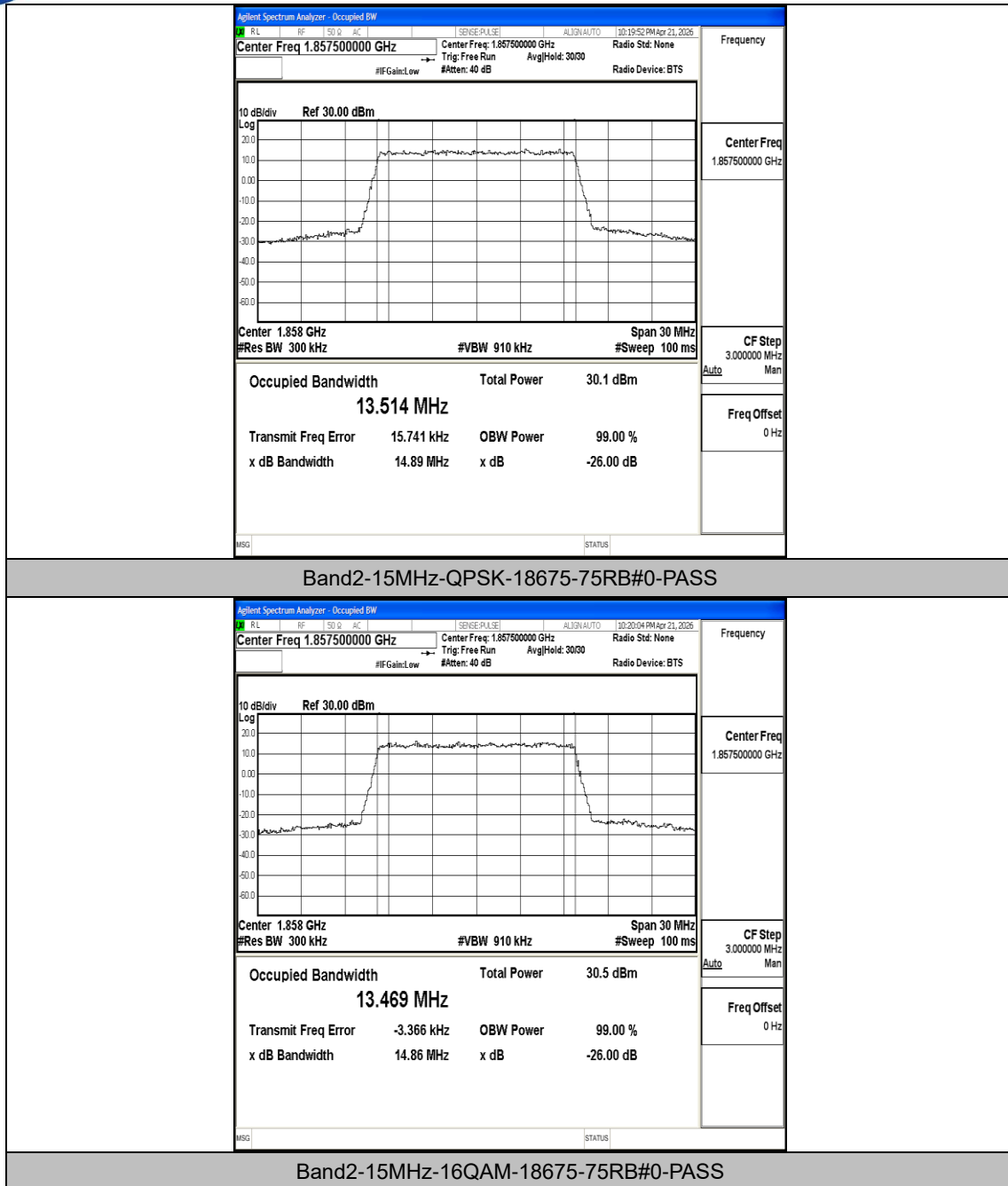


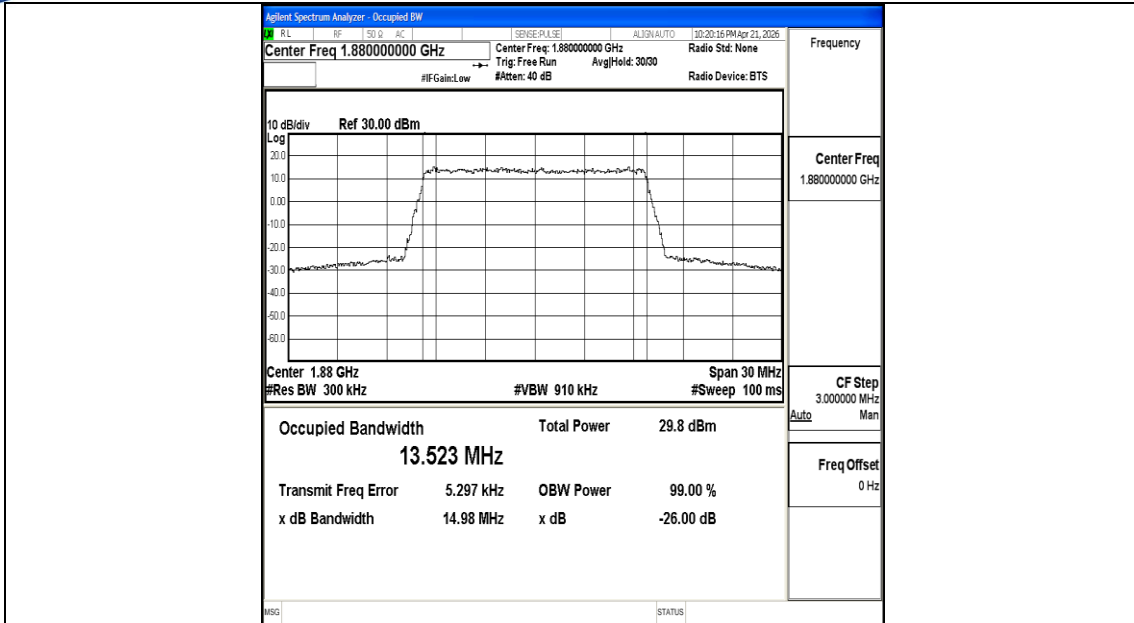




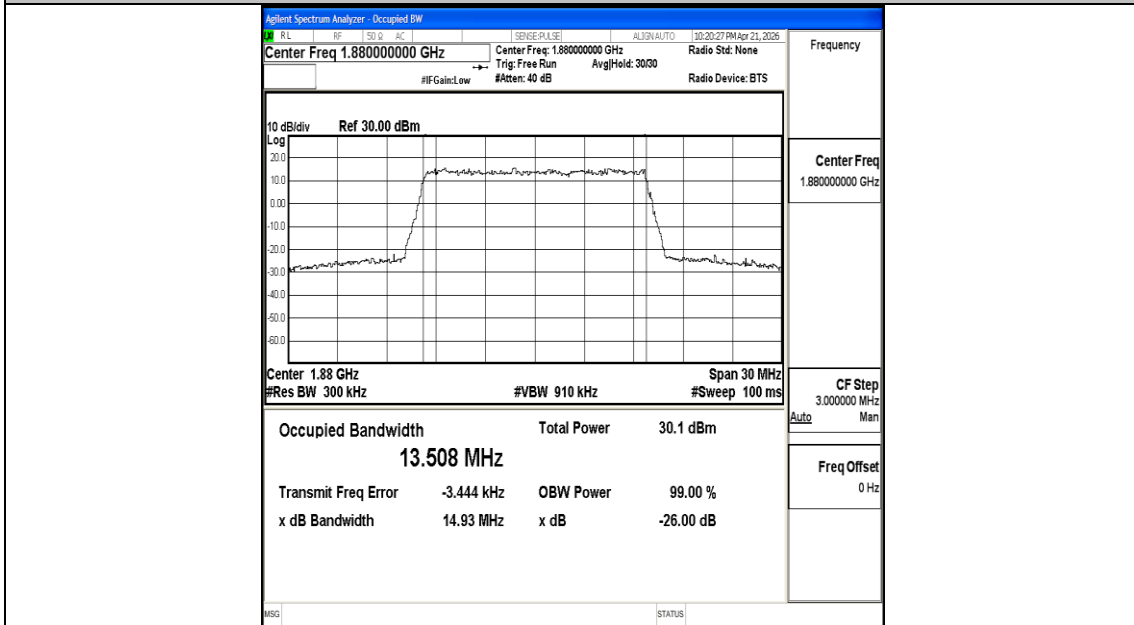




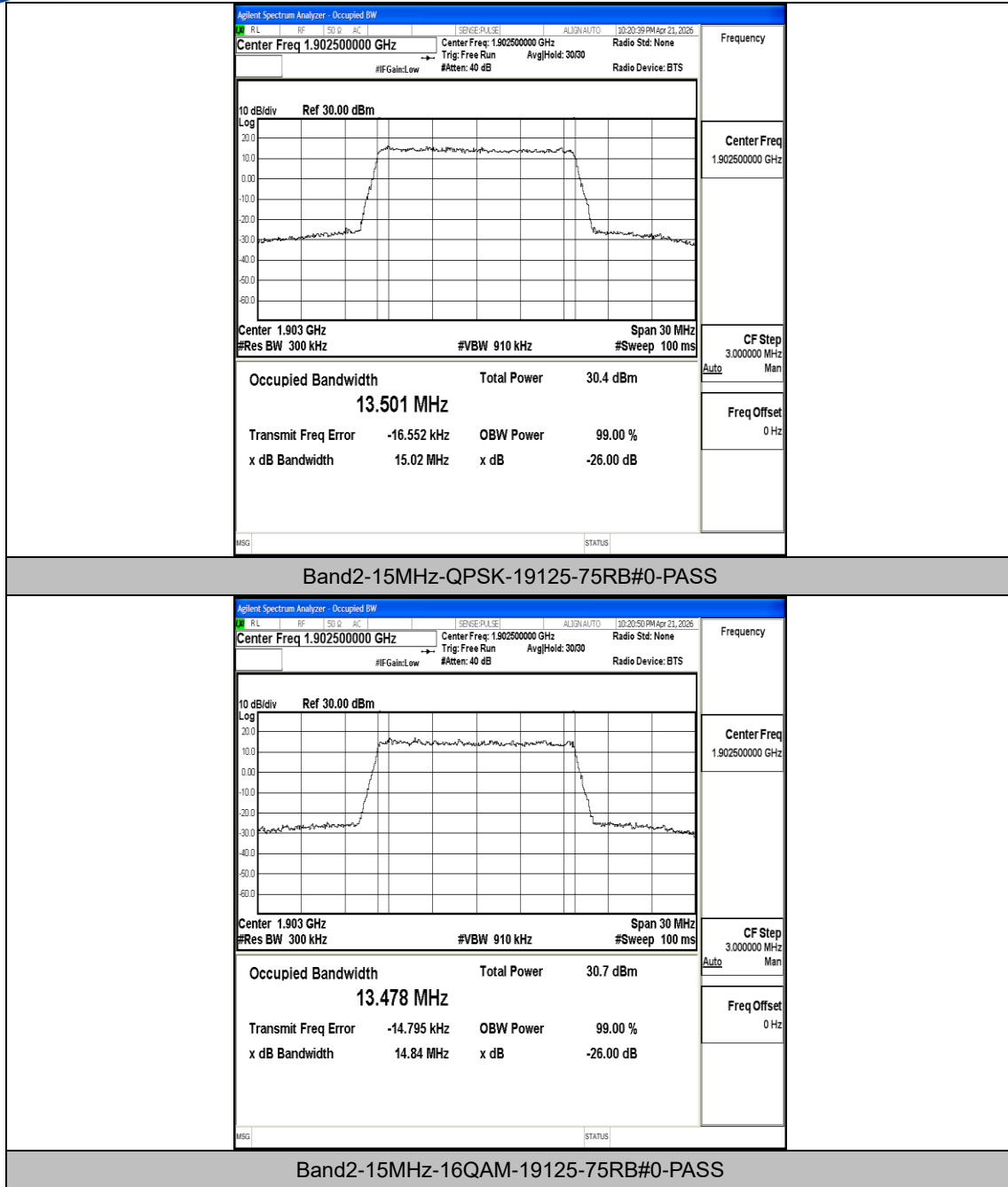


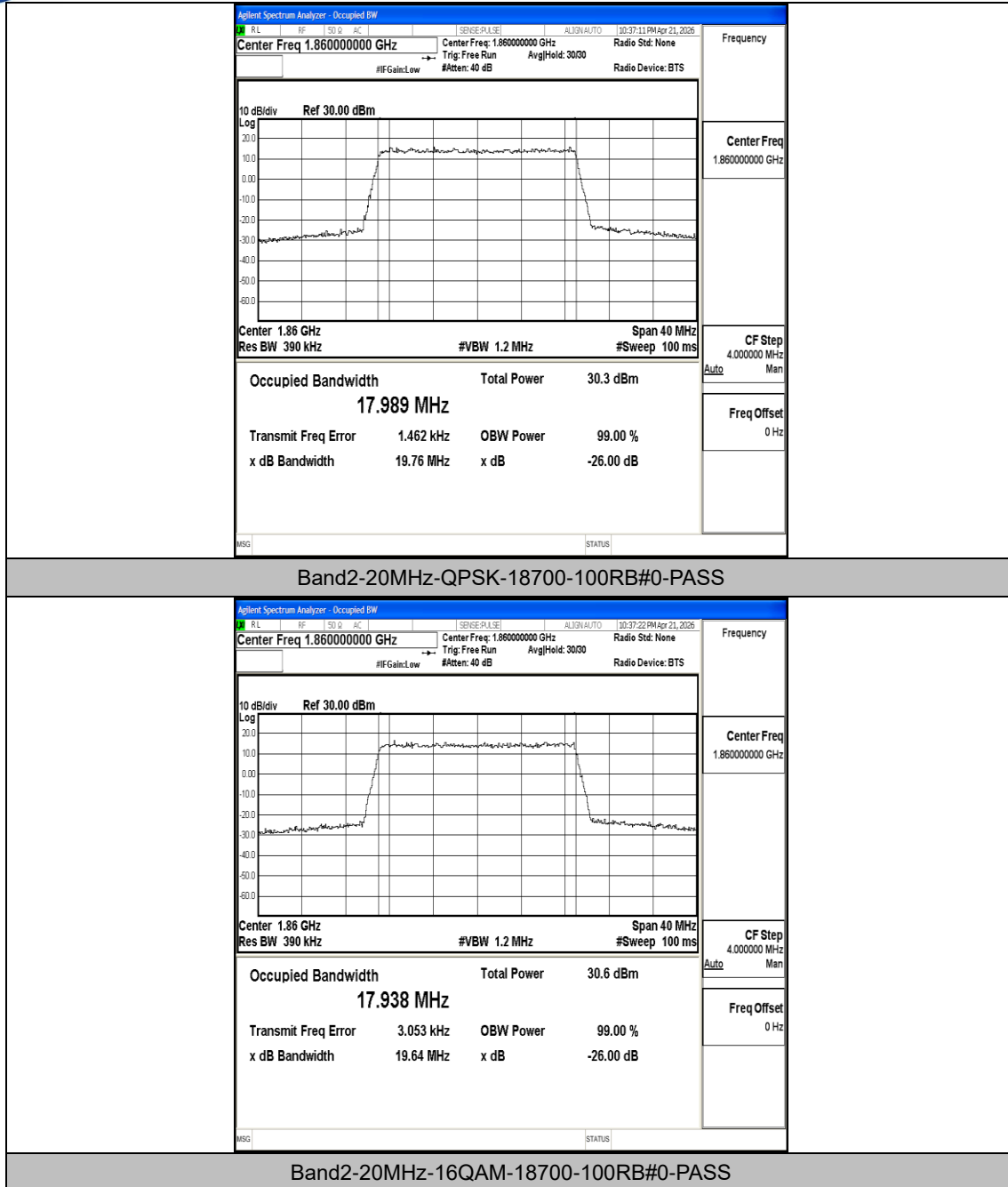


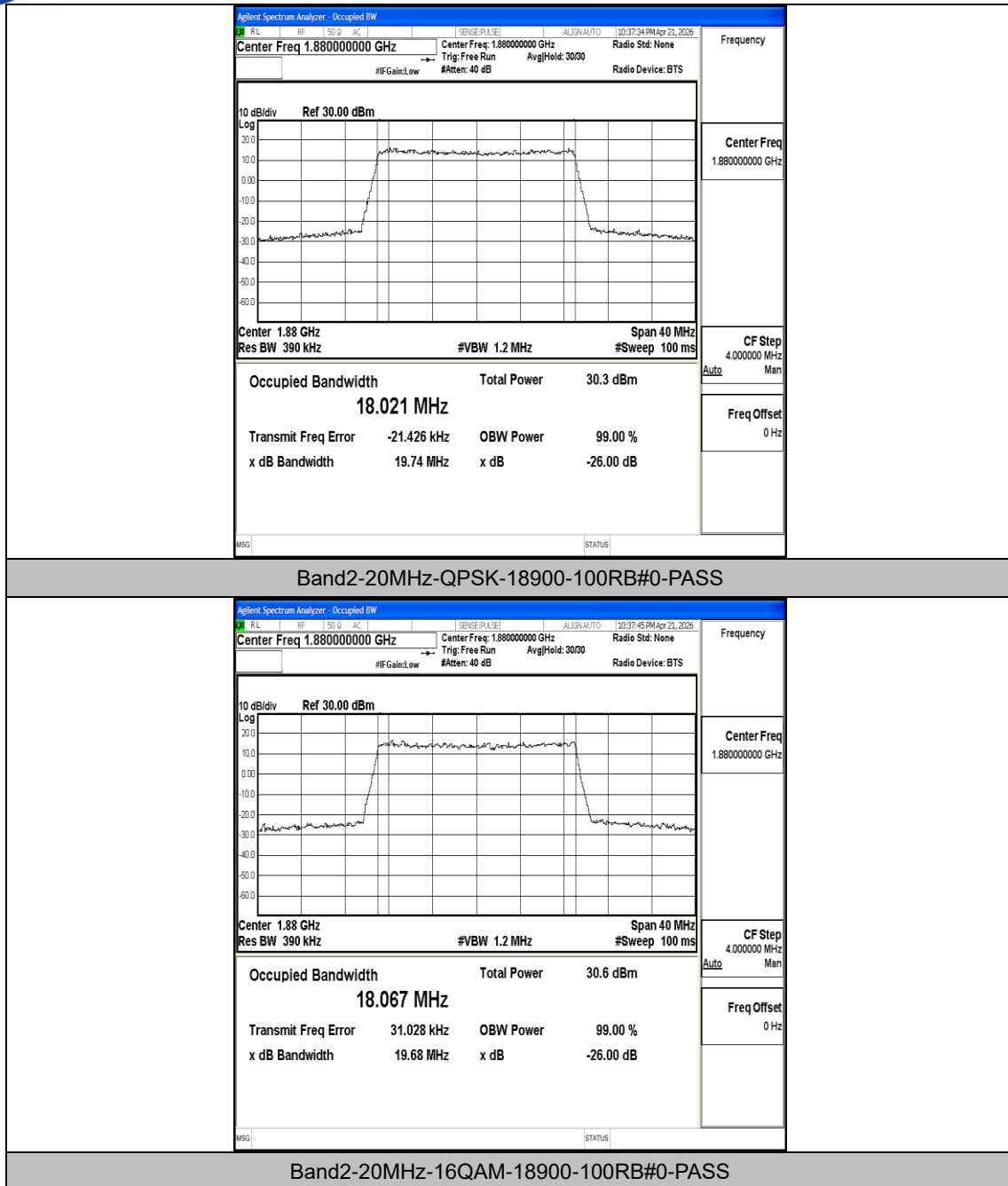
Band2-15MHz-QPSK-18900-75RB#0-PASS

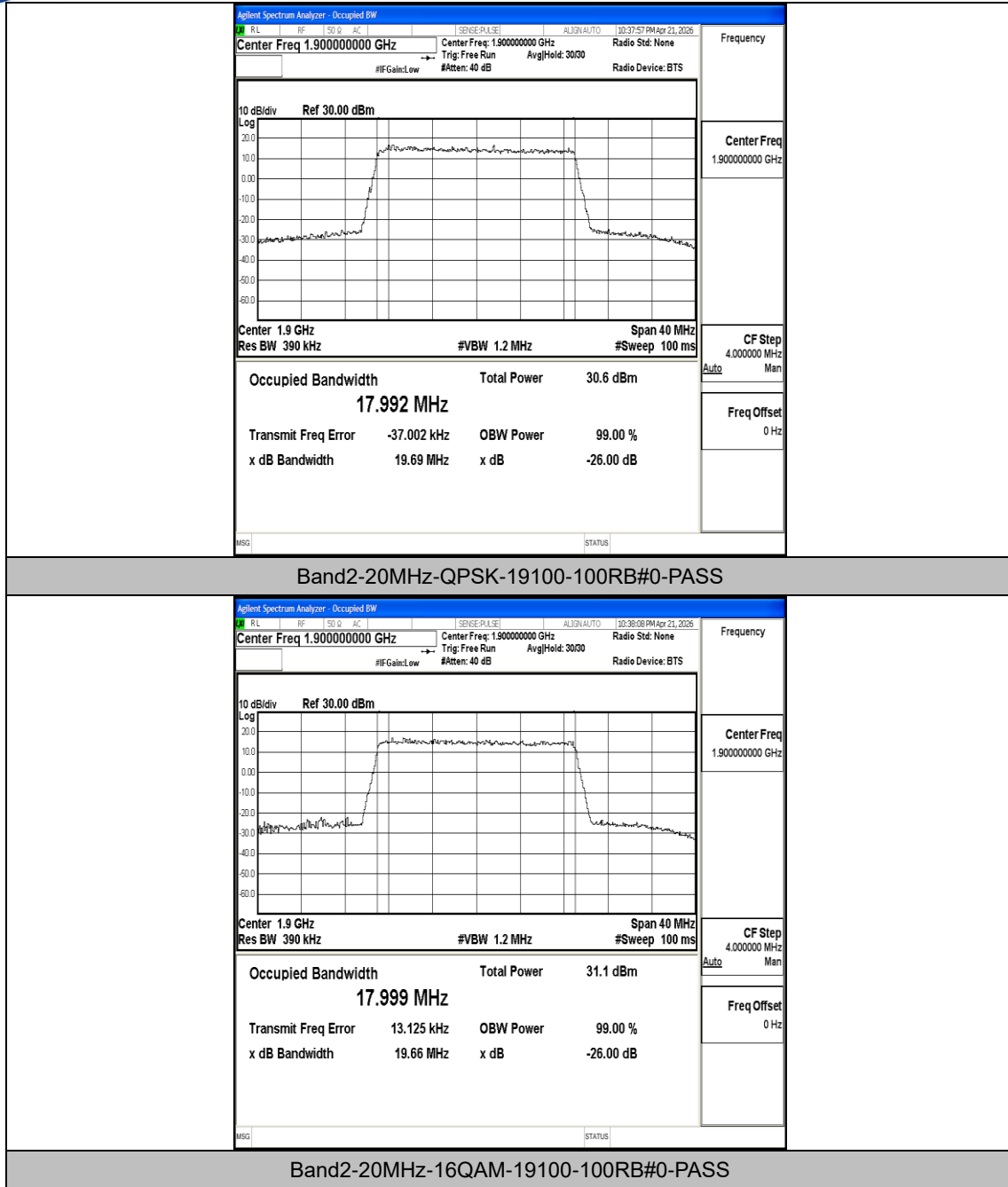


Band2-15MHz-16QAM-18900-75RB#0-PASS









3 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1849.98	-25.73	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1849.96	-24.01	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1910.05	-26.38	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1910.06	-25.19	PASS
Band2	3MHz	QPSK	18615	15RB#0	1850.00	-14.70	PASS
Band2	3MHz	16QAM	18615	15RB#0	1850.00	-15.79	PASS
Band2	3MHz	QPSK	19185	15RB#0	1910.02	-14.17	PASS
Band2	3MHz	16QAM	19185	15RB#0	1910.00	-15.64	PASS
Band2	5MHz	QPSK	18625	25RB#0	1850.00	-17.71	PASS
Band2	5MHz	16QAM	18625	25RB#0	1849.99	-19.57	PASS
Band2	5MHz	QPSK	19175	25RB#0	1910.01	-20.19	PASS
Band2	5MHz	16QAM	19175	25RB#0	1910.01	-17.69	PASS
Band2	10MHz	QPSK	18650	50RB#0	1849.99	-21.29	PASS
Band2	10MHz	16QAM	18650	50RB#0	1849.97	-20.45	PASS
Band2	10MHz	QPSK	19150	50RB#0	1910.01	-21.36	PASS
Band2	10MHz	16QAM	19150	50RB#0	1910.04	-19.95	PASS
Band2	15MHz	QPSK	18675	75RB#0	1849.99	-16.46	PASS
Band2	15MHz	16QAM	18675	75RB#0	1849.96	-16.76	PASS
Band2	15MHz	QPSK	19125	75RB#0	1910.01	-17.92	PASS
Band2	15MHz	16QAM	19125	75RB#0	1910.01	-15.96	PASS
Band2	20MHz	QPSK	18700	100RB#0	1849.99	-21.09	PASS
Band2	20MHz	16QAM	18700	100RB#0	1849.97	-20.71	PASS
Band2	20MHz	QPSK	19100	100RB#0	1910.18	-23.02	PASS
Band2	20MHz	16QAM	19100	100RB#0	1910.01	-21.30	PASS

Test Graphs

