

Appendix for Band 17

Product Name: Smart Phone

Model No: BOLD N2

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	24.51	PASS
Band17	5MHz	QPSK	23755	1RB#12	24.48	PASS
Band17	5MHz	QPSK	23755	1RB#24	24.49	PASS
Band17	5MHz	QPSK	23755	12RB#0	23.37	PASS
Band17	5MHz	QPSK	23755	12RB#6	23.36	PASS
Band17	5MHz	QPSK	23755	12RB#13	23.23	PASS
Band17	5MHz	QPSK	23755	25RB#0	23.35	PASS
Band17	5MHz	QPSK	23790	1RB#0	24.42	PASS
Band17	5MHz	QPSK	23790	1RB#12	24.45	PASS
Band17	5MHz	QPSK	23790	1RB#24	24.43	PASS
Band17	5MHz	QPSK	23790	12RB#0	23.30	PASS
Band17	5MHz	QPSK	23790	12RB#6	23.31	PASS
Band17	5MHz	QPSK	23790	12RB#13	23.34	PASS
Band17	5MHz	QPSK	23790	25RB#0	23.35	PASS
Band17	5MHz	QPSK	23825	1RB#0	24.49	PASS
Band17	5MHz	QPSK	23825	1RB#12	24.51	PASS
Band17	5MHz	QPSK	23825	1RB#24	24.58	PASS
Band17	5MHz	QPSK	23825	12RB#0	23.32	PASS
Band17	5MHz	QPSK	23825	12RB#6	23.38	PASS
Band17	5MHz	QPSK	23825	12RB#13	23.32	PASS
Band17	5MHz	QPSK	23825	25RB#0	23.36	PASS
Band17	5MHz	16QAM	23755	1RB#0	23.28	PASS
Band17	5MHz	16QAM	23755	1RB#12	23.22	PASS
Band17	5MHz	16QAM	23755	1RB#24	23.27	PASS
Band17	5MHz	16QAM	23755	12RB#0	22.37	PASS
Band17	5MHz	16QAM	23755	12RB#6	22.36	PASS
Band17	5MHz	16QAM	23755	12RB#13	22.25	PASS
Band17	5MHz	16QAM	23755	25RB#0	22.38	PASS
Band17	5MHz	16QAM	23790	1RB#0	23.32	PASS
Band17	5MHz	16QAM	23790	1RB#12	23.39	PASS
Band17	5MHz	16QAM	23790	1RB#24	23.39	PASS
Band17	5MHz	16QAM	23790	12RB#0	22.37	PASS

Band17	5MHz	16QAM	23790	12RB#6	22.36	PASS
Band17	5MHz	16QAM	23790	12RB#13	22.39	PASS
Band17	5MHz	16QAM	23790	25RB#0	22.30	PASS
Band17	5MHz	16QAM	23825	1RB#0	23.30	PASS
Band17	5MHz	16QAM	23825	1RB#12	23.29	PASS
Band17	5MHz	16QAM	23825	1RB#24	23.32	PASS
Band17	5MHz	16QAM	23825	12RB#0	22.33	PASS
Band17	5MHz	16QAM	23825	12RB#6	22.35	PASS
Band17	5MHz	16QAM	23825	12RB#13	22.29	PASS
Band17	5MHz	16QAM	23825	25RB#0	22.33	PASS
Band17	10MHz	QPSK	23780	1RB#0	24.38	PASS
Band17	10MHz	QPSK	23780	1RB#24	24.65	PASS
Band17	10MHz	QPSK	23780	1RB#49	24.42	PASS
Band17	10MHz	QPSK	23780	25RB#0	23.37	PASS
Band17	10MHz	QPSK	23780	25RB#12	23.35	PASS
Band17	10MHz	QPSK	23780	25RB#25	23.44	PASS
Band17	10MHz	QPSK	23780	50RB#0	23.43	PASS
Band17	10MHz	QPSK	23790	1RB#0	24.36	PASS
Band17	10MHz	QPSK	23790	1RB#24	24.35	PASS
Band17	10MHz	QPSK	23790	1RB#49	24.34	PASS
Band17	10MHz	QPSK	23790	25RB#0	23.30	PASS
Band17	10MHz	QPSK	23790	25RB#12	23.31	PASS
Band17	10MHz	QPSK	23790	25RB#25	23.36	PASS
Band17	10MHz	QPSK	23790	50RB#0	23.38	PASS
Band17	10MHz	QPSK	23800	1RB#0	24.20	PASS
Band17	10MHz	QPSK	23800	1RB#24	24.25	PASS
Band17	10MHz	QPSK	23800	1RB#49	24.27	PASS
Band17	10MHz	QPSK	23800	25RB#0	23.25	PASS
Band17	10MHz	QPSK	23800	25RB#12	23.29	PASS
Band17	10MHz	QPSK	23800	25RB#25	23.30	PASS
Band17	10MHz	QPSK	23800	50RB#0	23.33	PASS
Band17	10MHz	16QAM	23780	1RB#0	23.37	PASS
Band17	10MHz	16QAM	23780	1RB#24	23.46	PASS
Band17	10MHz	16QAM	23780	1RB#49	23.40	PASS
Band17	10MHz	16QAM	23780	25RB#0	22.33	PASS
Band17	10MHz	16QAM	23780	25RB#12	22.34	PASS
Band17	10MHz	16QAM	23780	25RB#25	22.36	PASS

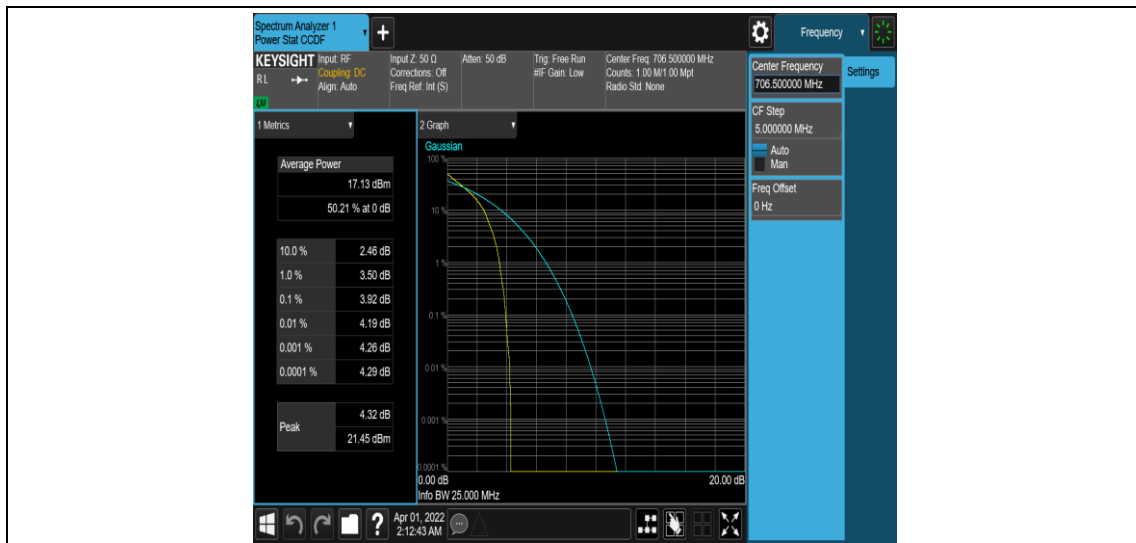
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Band17	10MHz	16QAM	23790	1RB#24	23.21	PASS
Band17	10MHz	16QAM	23790	1RB#49	23.17	PASS
Band17	10MHz	16QAM	23790	25RB#0	22.35	PASS
Band17	10MHz	16QAM	23790	25RB#12	22.36	PASS
Band17	10MHz	16QAM	23790	25RB#25	22.36	PASS
Band17	10MHz	16QAM	23790	50RB#0	22.38	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.99	PASS
Band17	10MHz	16QAM	23800	1RB#24	23.06	PASS
Band17	10MHz	16QAM	23800	1RB#49	23.14	PASS
Band17	10MHz	16QAM	23800	25RB#0	22.33	PASS
Band17	10MHz	16QAM	23800	25RB#12	22.34	PASS
Band17	10MHz	16QAM	23800	25RB#25	22.31	PASS
Band17	10MHz	16QAM	23800	50RB#0	22.32	PASS

Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	3.92	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.67	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	3.93	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.52	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	3.79	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.48	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	4.80	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	5.49	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	4.77	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	5.37	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	4.62	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	5.31	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	3.95	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	4.70	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	3.87	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	4.68	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	3.99	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	4.67	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	4.81	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	5.54	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	4.80	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	5.52	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	4.93	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	5.55	13	PASS

Test Graphs

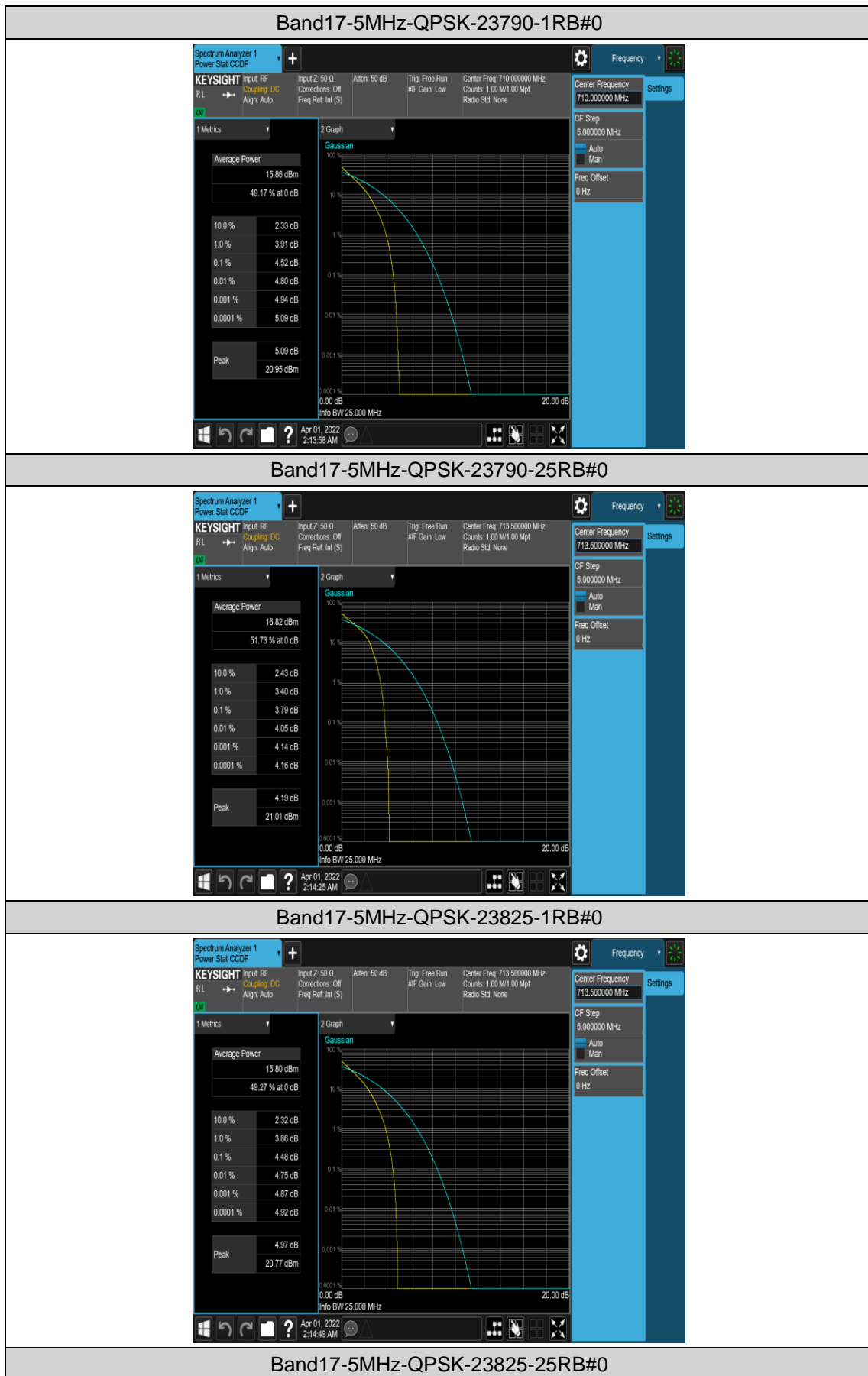


Band17-5MHz-QPSK-23755-1RB#0



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



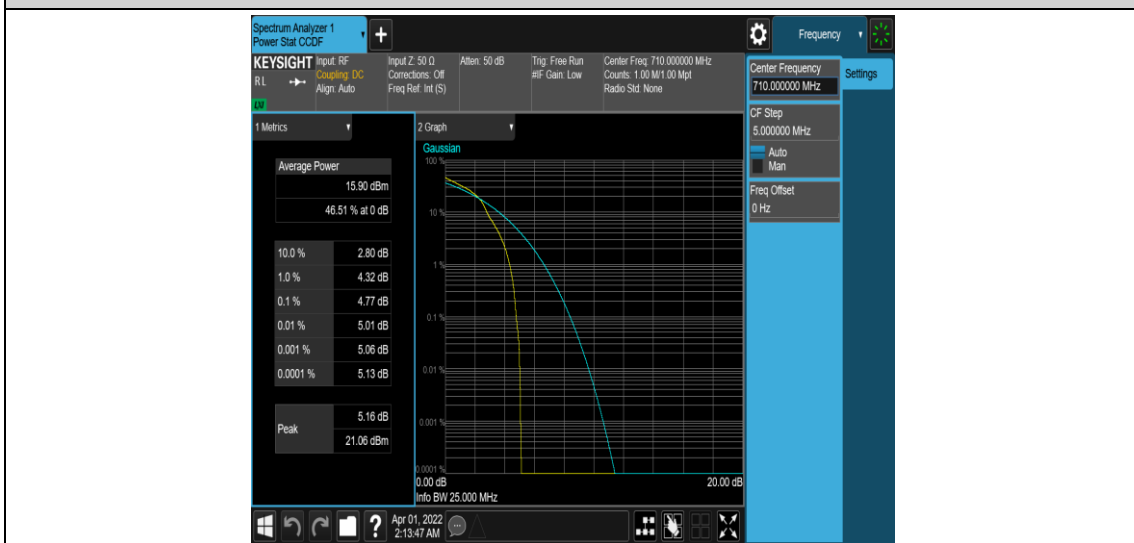




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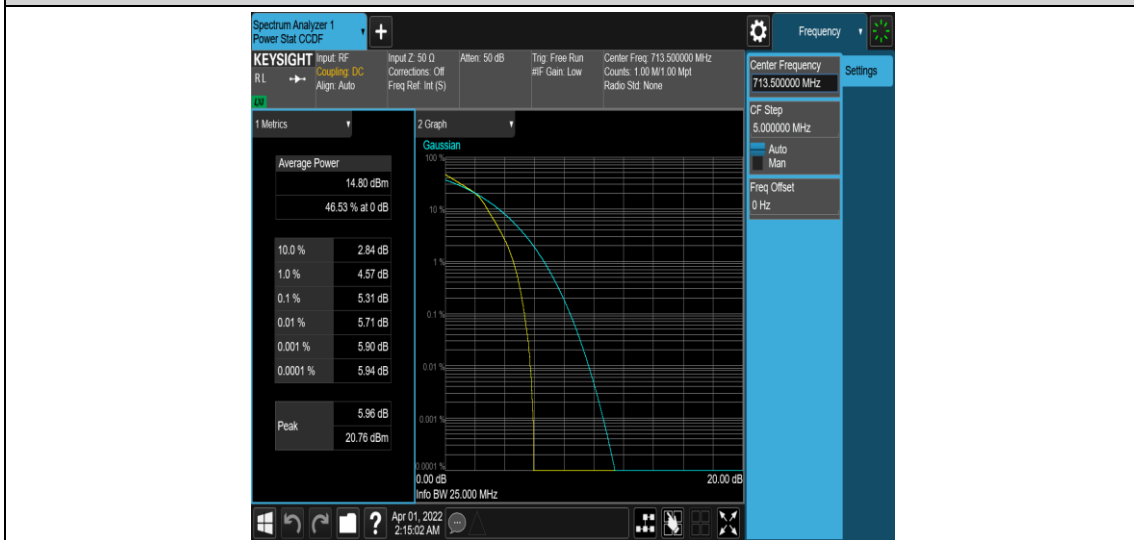
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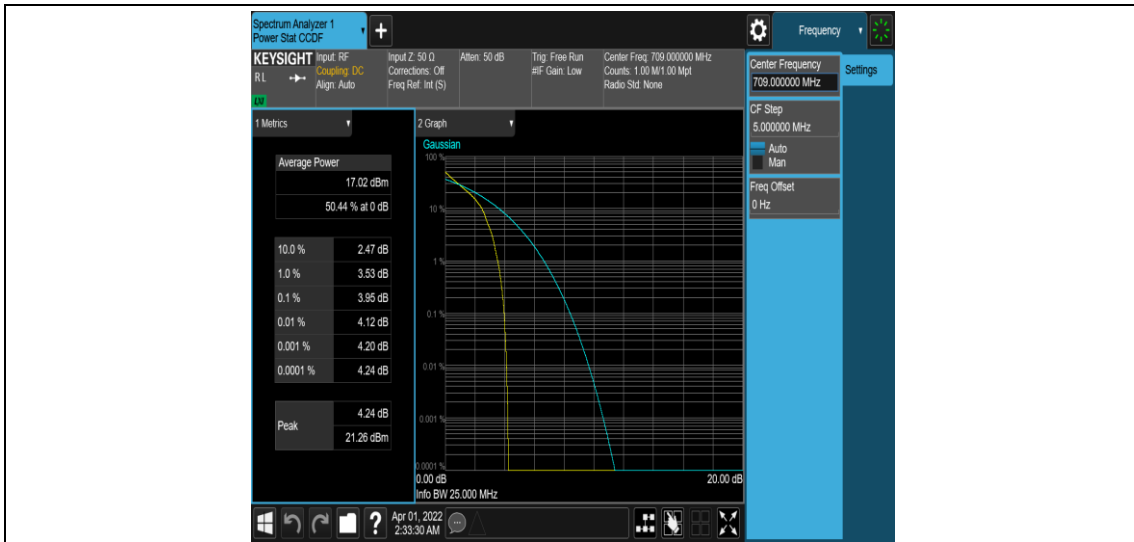
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Band17-5MHz-16QAM-23825-1RB#0



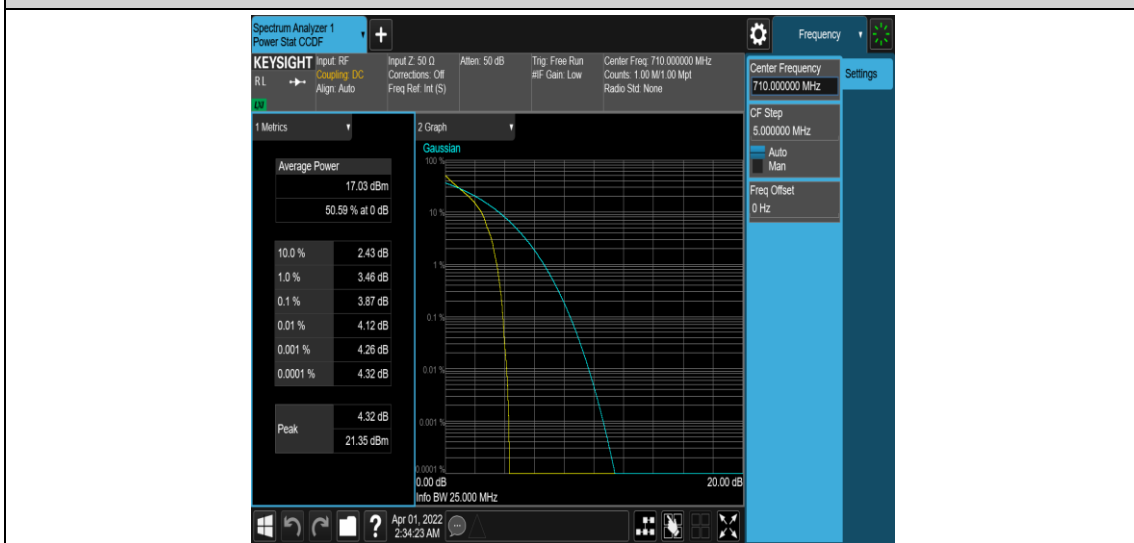
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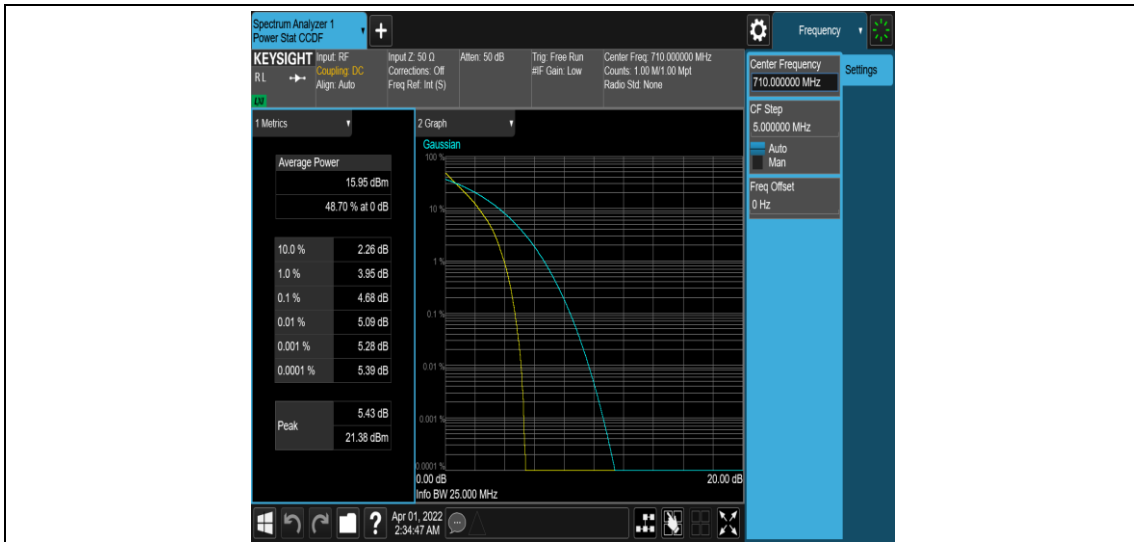
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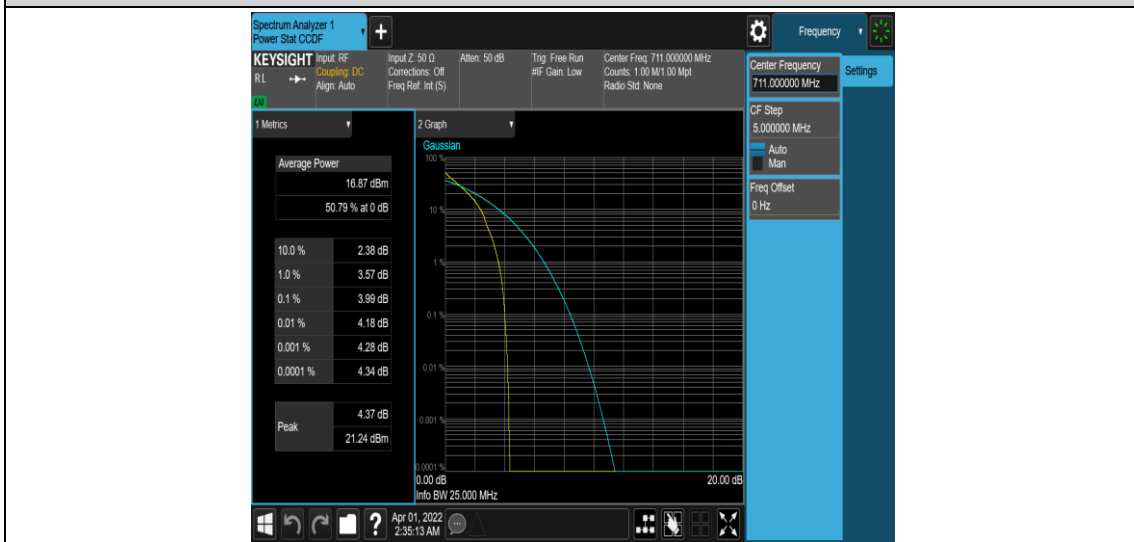
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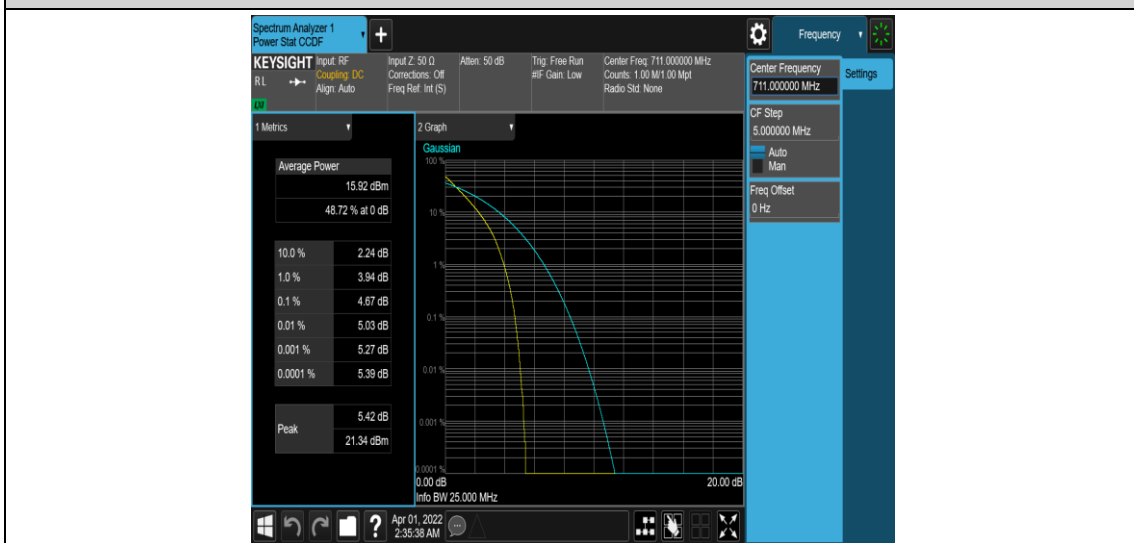
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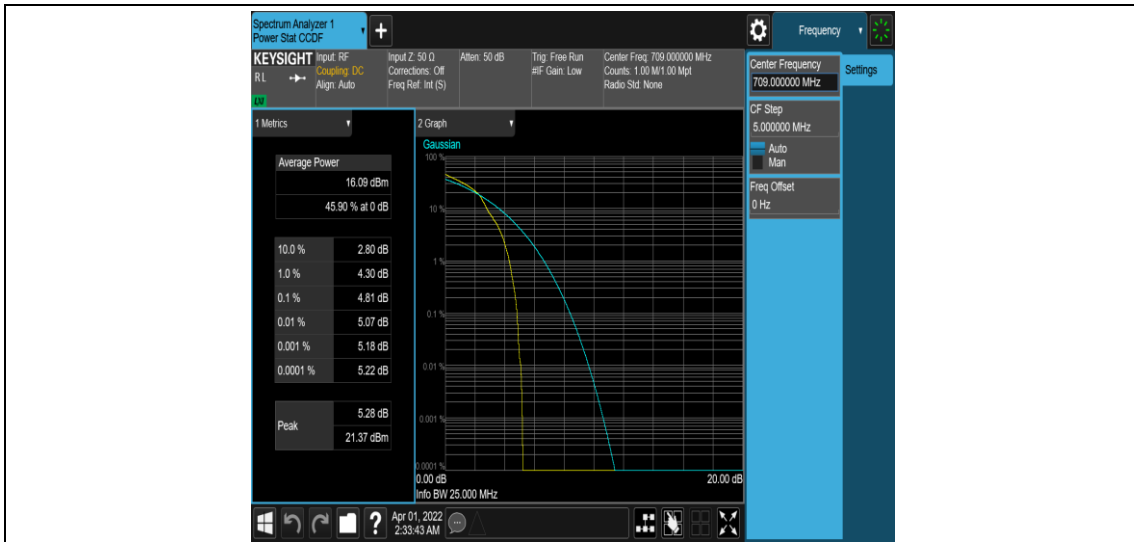
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Band17-10MHz-QPSK-23800-1RB#0



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



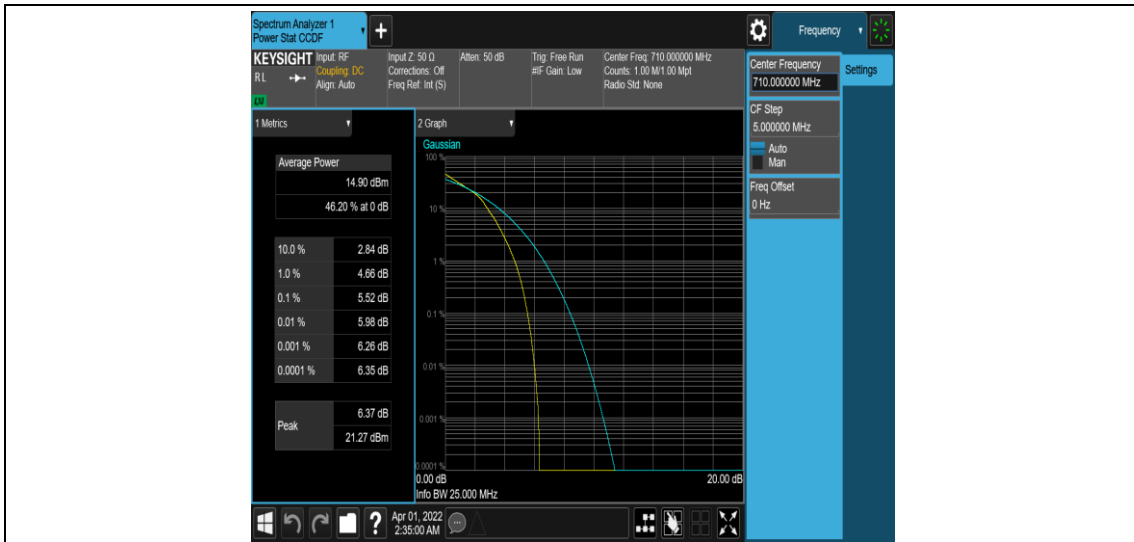
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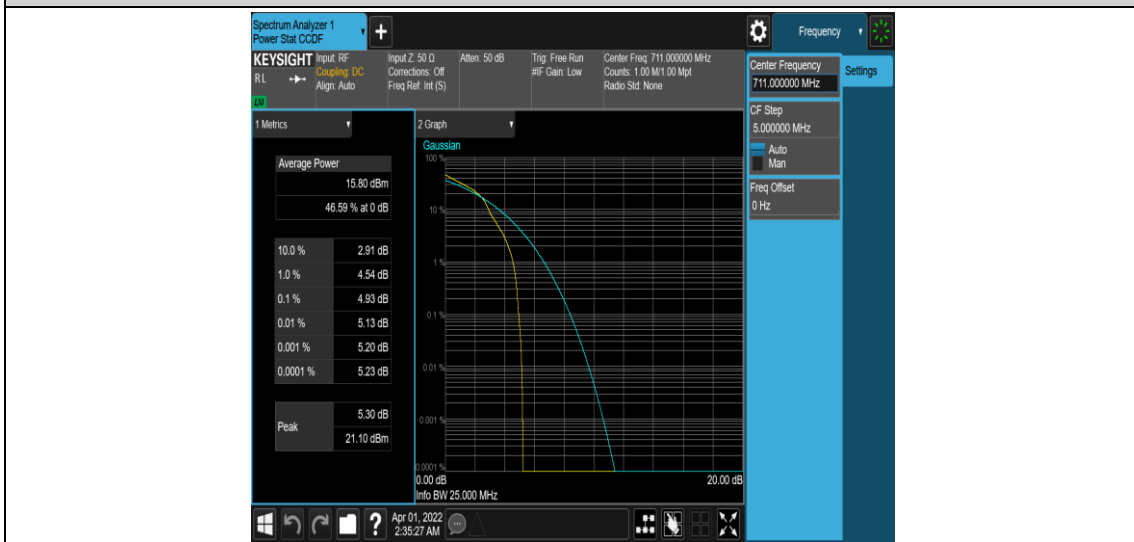
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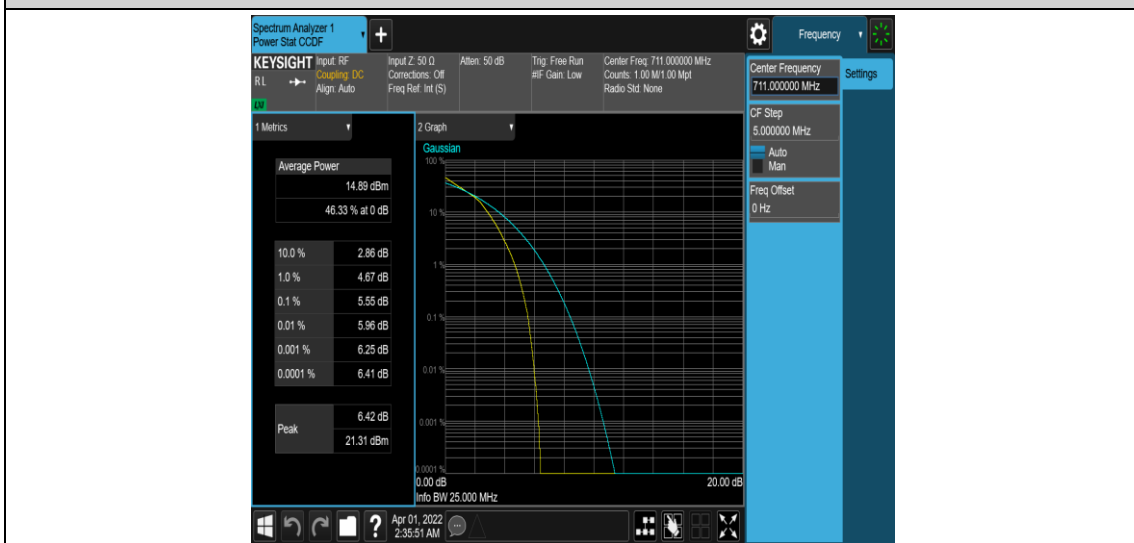
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Band17-10MHz-16QAM-23790-50RB#0



Band17-10MHz-16QAM-23800-1RB#0



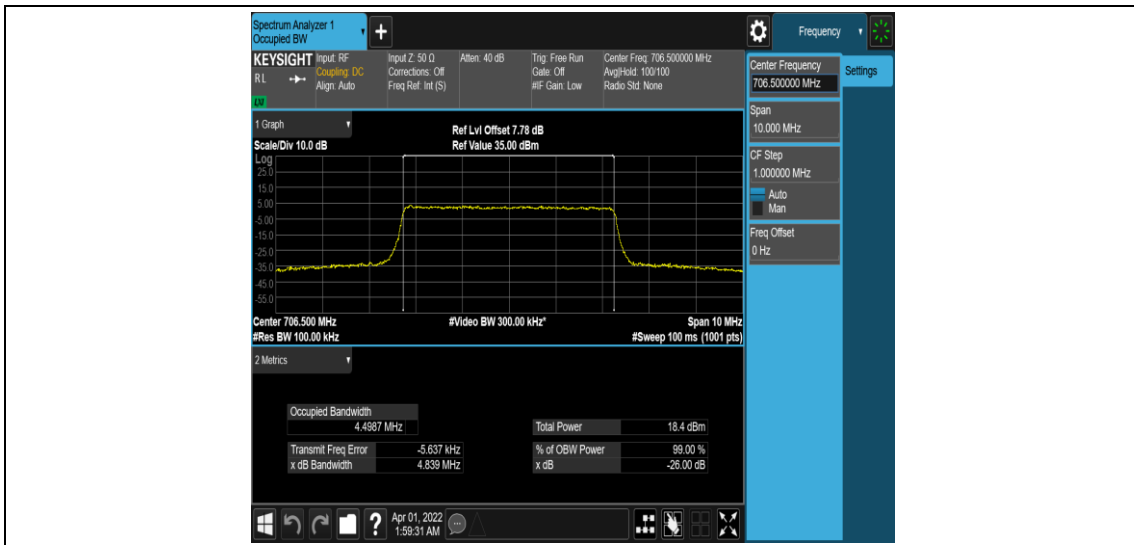
Band17-10MHz-16QAM-23800-50RB#0

Appendix C: 26dB Bandwidth and Occupied Bandwidth

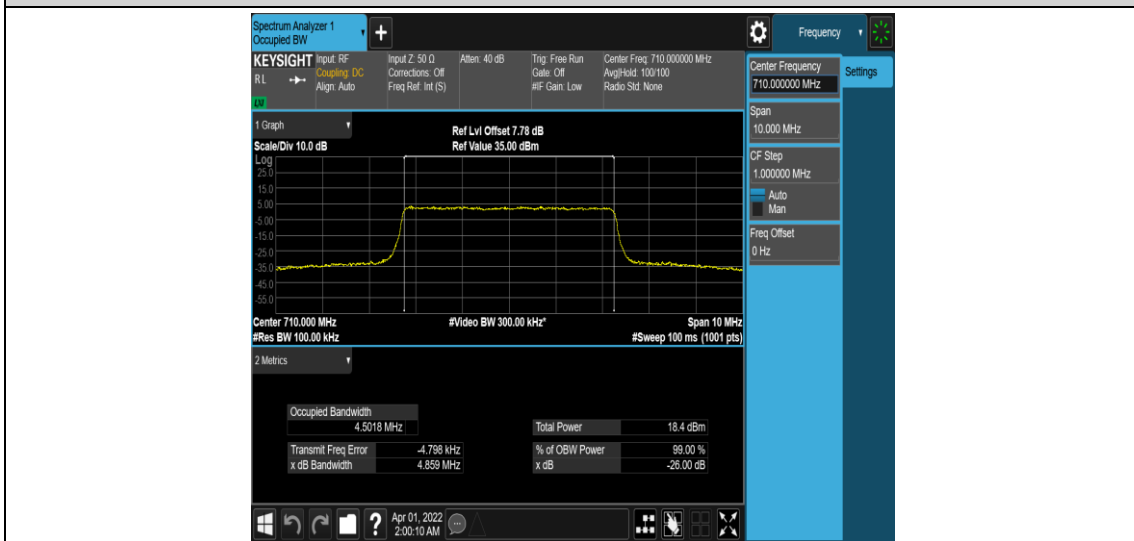
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.4987	4.839	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5018	4.859	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.4983	4.846	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5013	4.811	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5080	4.838	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.4906	4.845	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9945	9.558	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9837	9.528	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9919	9.521	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9758	9.540	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9726	9.512	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9768	9.523	PASS

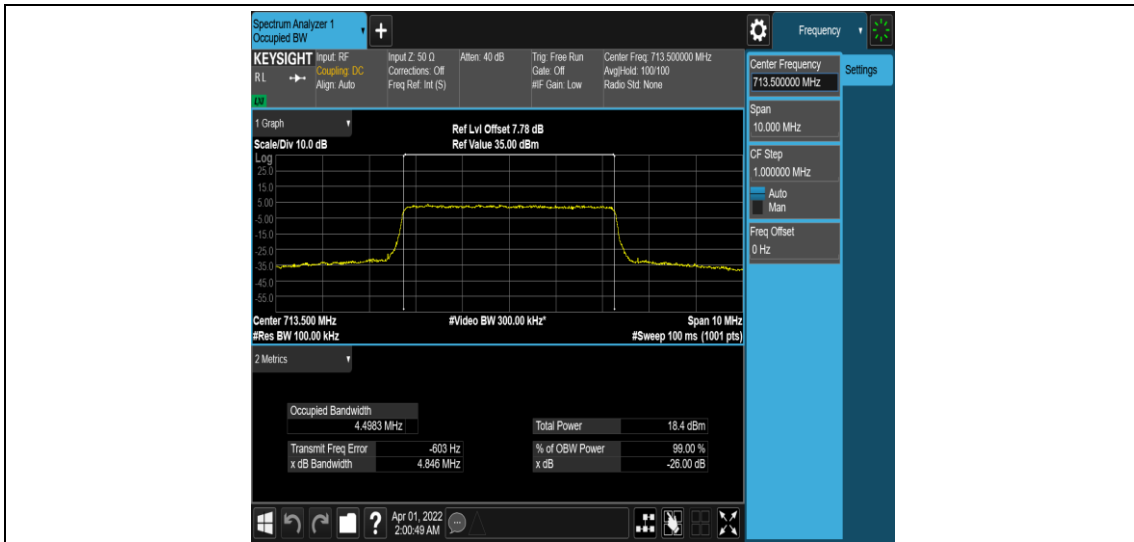
Test Graphs



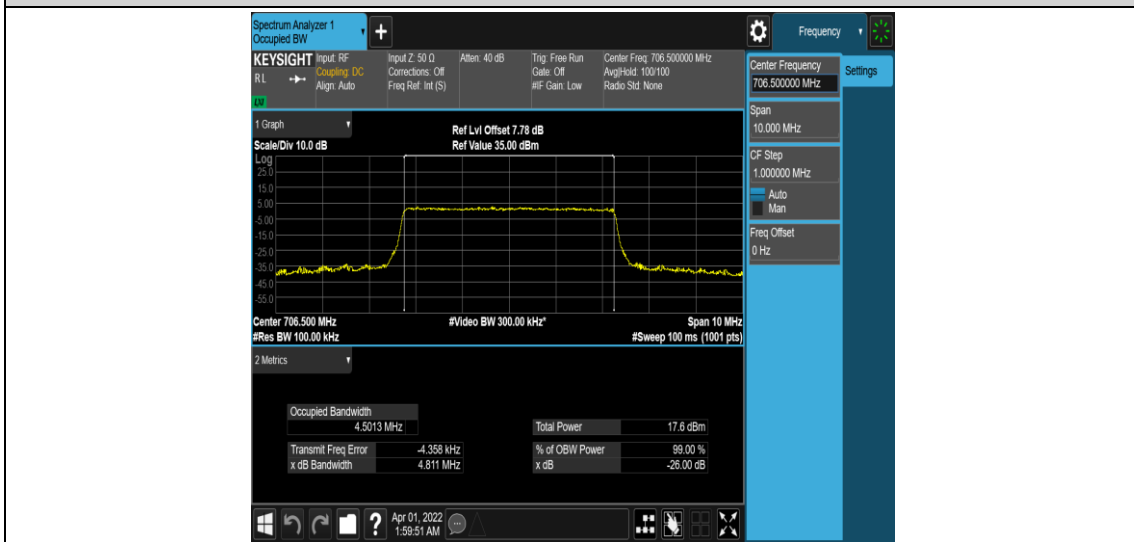
Band17-5MHz-QPSK-23755-25RB#0



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



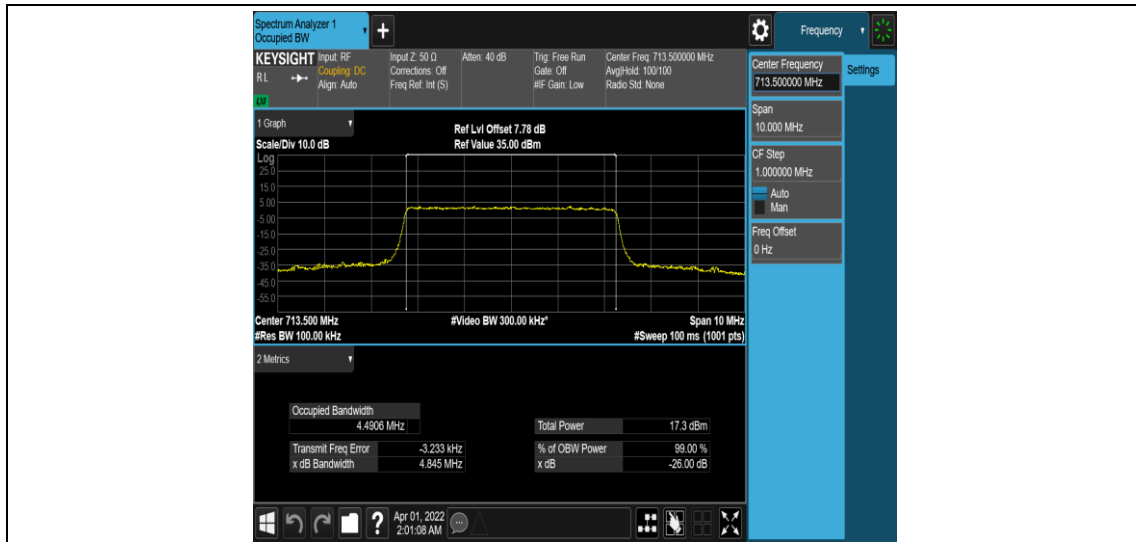
Band17-5MHz-QPSK-23825-25RB#0



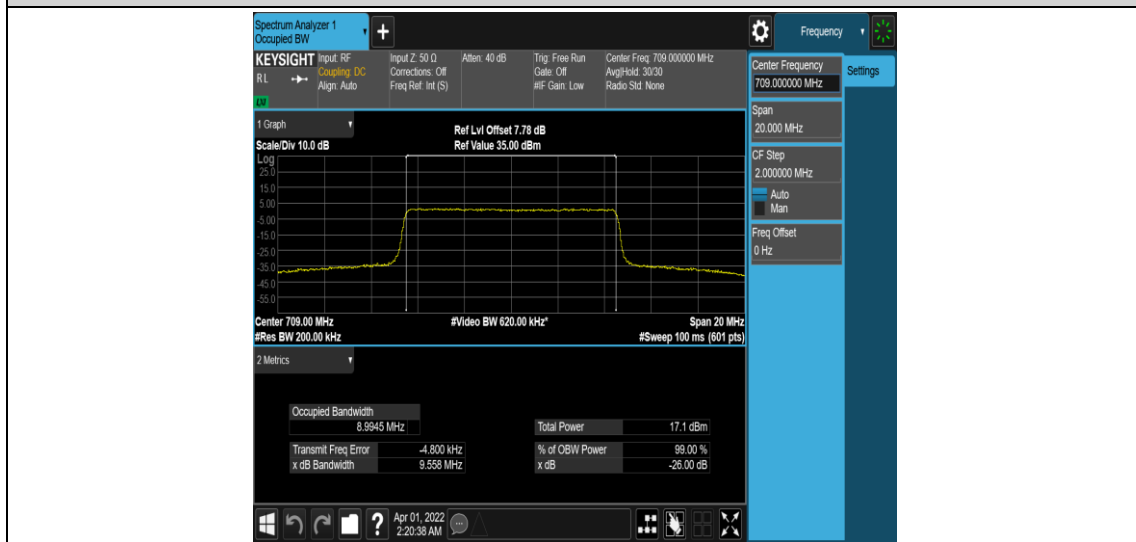
Band17-5MHz-16QAM-23755-25RB#0



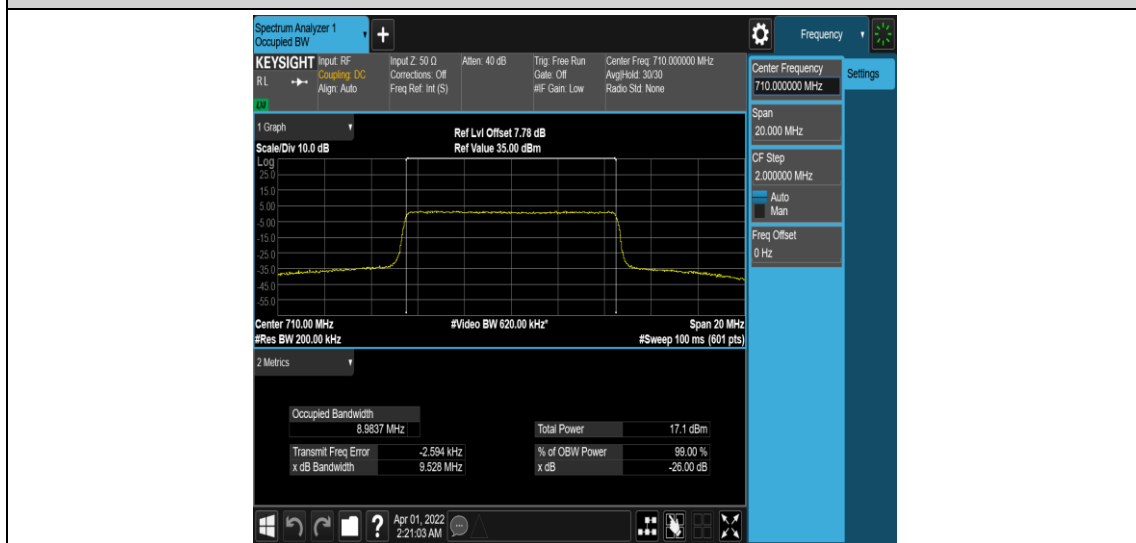
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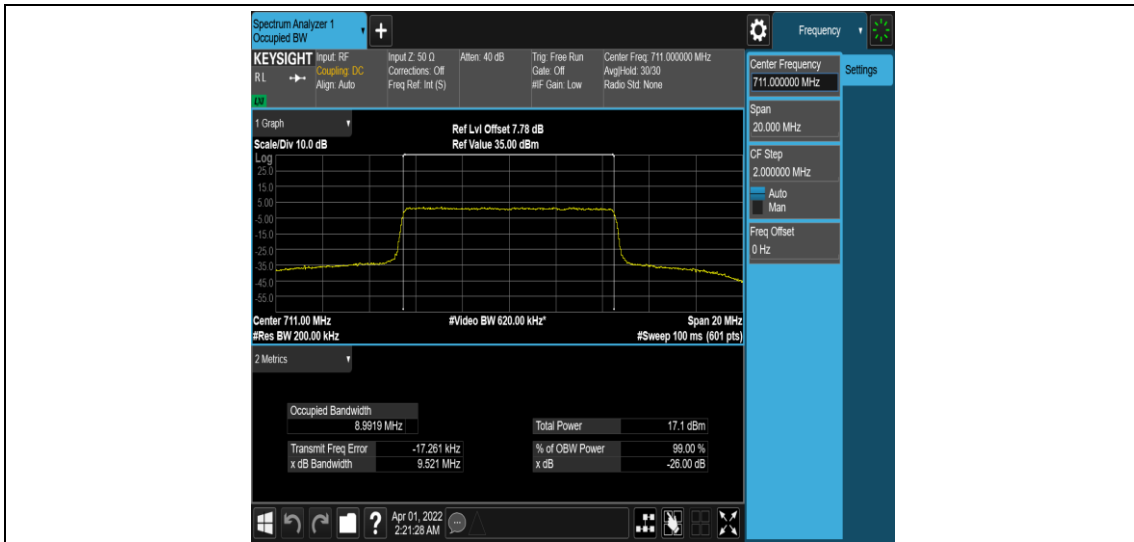
Band17-5MHz-16QAM-23825-25RB#0



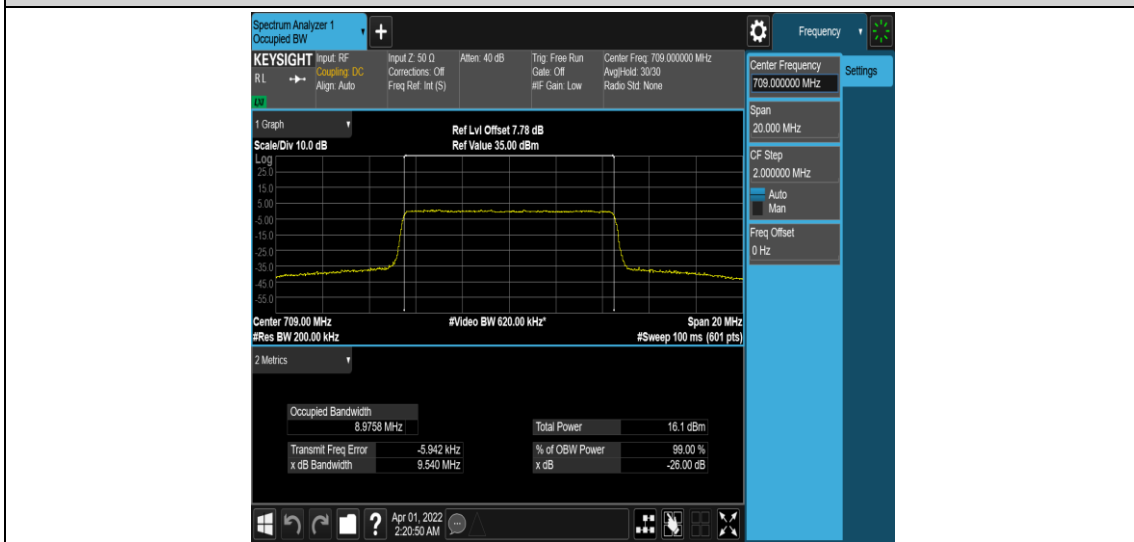
Band17-10MHz-QPSK-23780-50RB#0



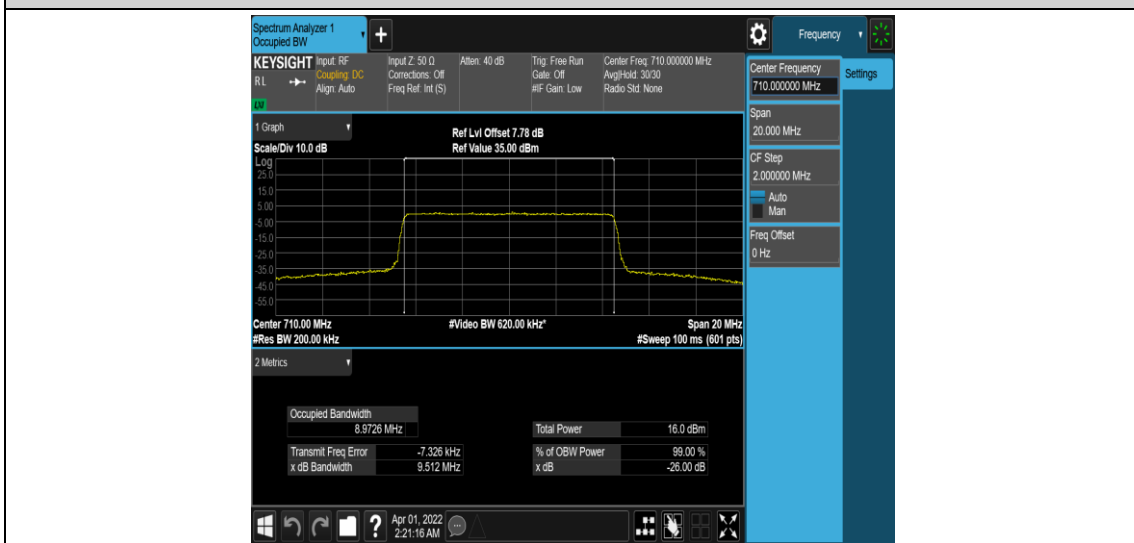
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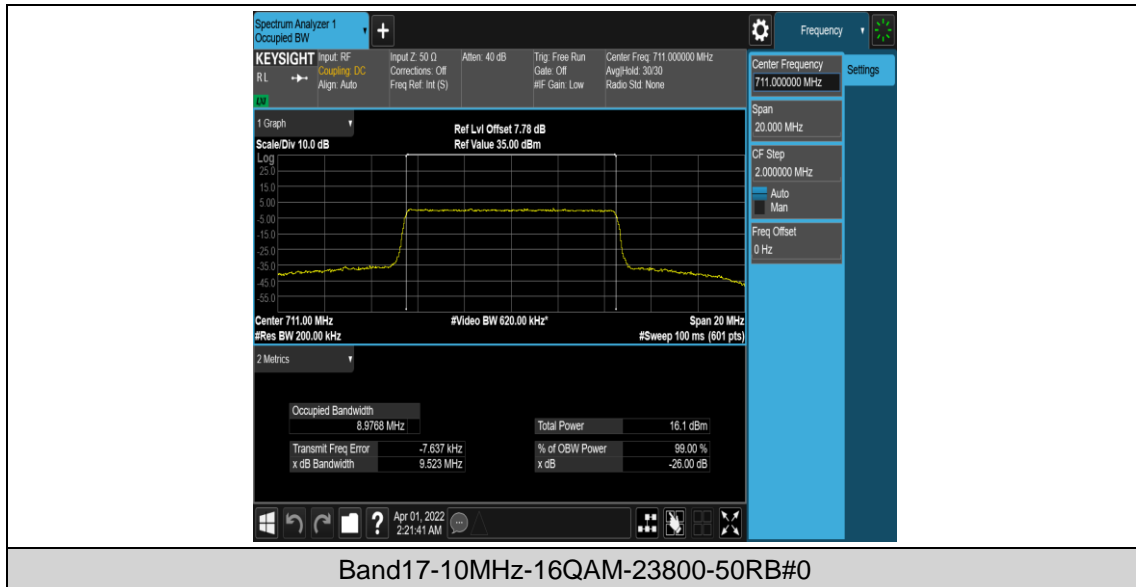
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Band17-10MHz-16QAM-23780-50RB#0



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



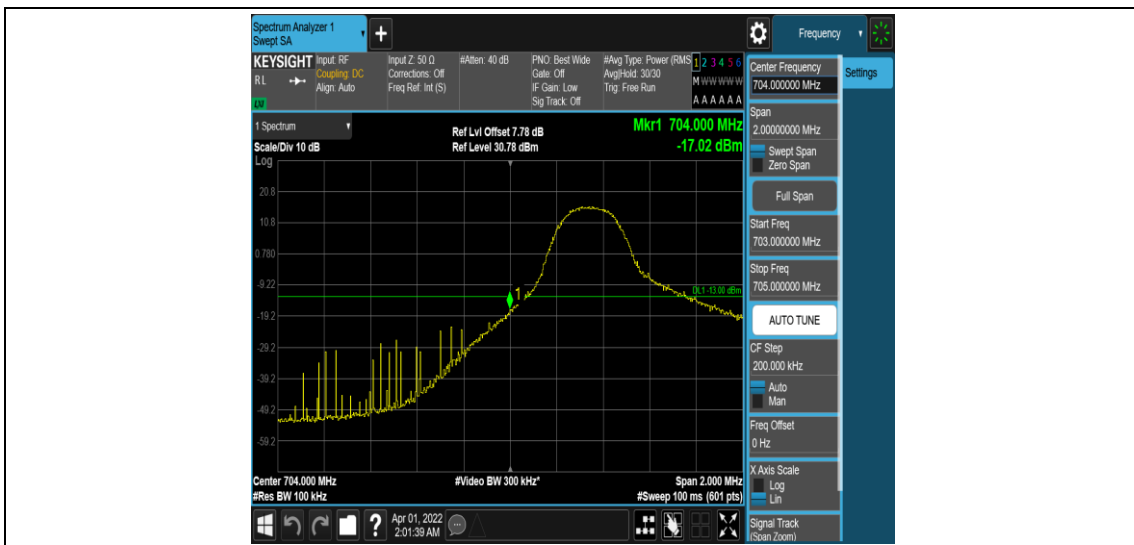
Band17-10MHz-16QAM-23800-50RB#0

Appendix D: Band Edge

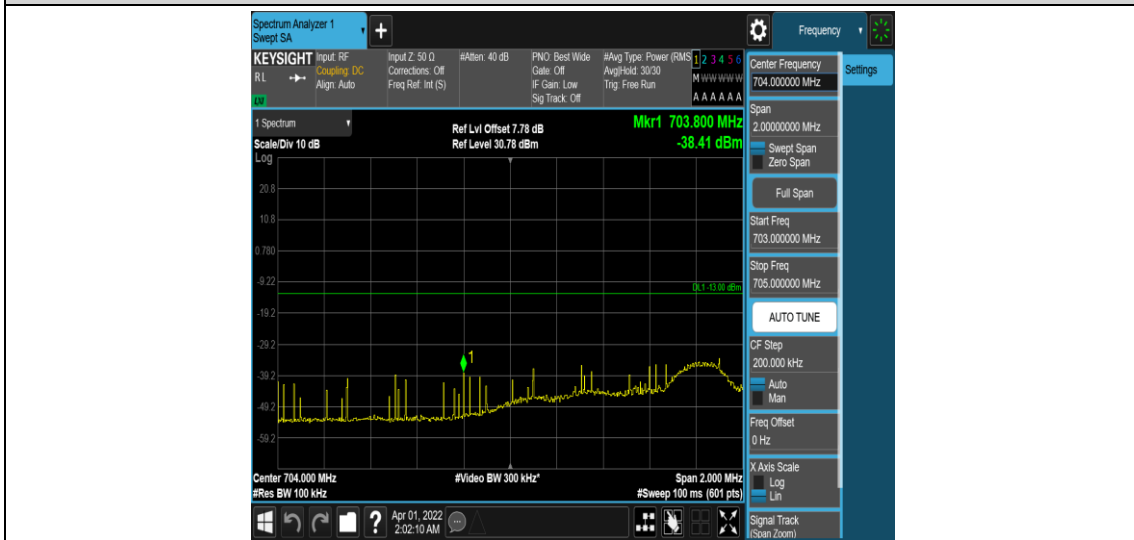
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	-17.02	PASS
Band17	5MHz	QPSK	23755	1RB#24	-38.41	PASS
Band17	5MHz	QPSK	23755	25RB#0	-27.50	PASS
Band17	5MHz	QPSK	23825	1RB#0	-48.53	PASS
Band17	5MHz	QPSK	23825	1RB#24	-16.62	PASS
Band17	5MHz	QPSK	23825	25RB#0	-29.46	PASS
Band17	5MHz	16QAM	23755	1RB#0	-18.14	PASS
Band17	5MHz	16QAM	23755	1RB#24	-39.54	PASS
Band17	5MHz	16QAM	23755	25RB#0	-29.85	PASS
Band17	5MHz	16QAM	23825	1RB#0	-49.99	PASS
Band17	5MHz	16QAM	23825	1RB#24	-17.98	PASS
Band17	5MHz	16QAM	23825	25RB#0	-30.48	PASS
Band17	10MHz	QPSK	23780	1RB#0	-19.20,-17.15	PASS
Band17	10MHz	QPSK	23780	1RB#49	-41.19,-40.99	PASS
Band17	10MHz	QPSK	23780	50RB#0	-32.42,-31.18	PASS
Band17	10MHz	QPSK	23800	1RB#0	-49.79,-50.31	PASS
Band17	10MHz	QPSK	23800	1RB#49	-19.76,-24.72	PASS
Band17	10MHz	QPSK	23800	50RB#0	-32.43,-32.79	PASS
Band17	10MHz	16QAM	23780	1RB#0	-22.22,-18.50	PASS
Band17	10MHz	16QAM	23780	1RB#49	-50.13,-49.96	PASS
Band17	10MHz	16QAM	23780	50RB#0	-34.58,-34.13	PASS
Band17	10MHz	16QAM	23800	1RB#0	-50.38,-50.42	PASS
Band17	10MHz	16QAM	23800	1RB#49	-19.13,-24.34	PASS
Band17	10MHz	16QAM	23800	50RB#0	-34.50,-36.11	PASS

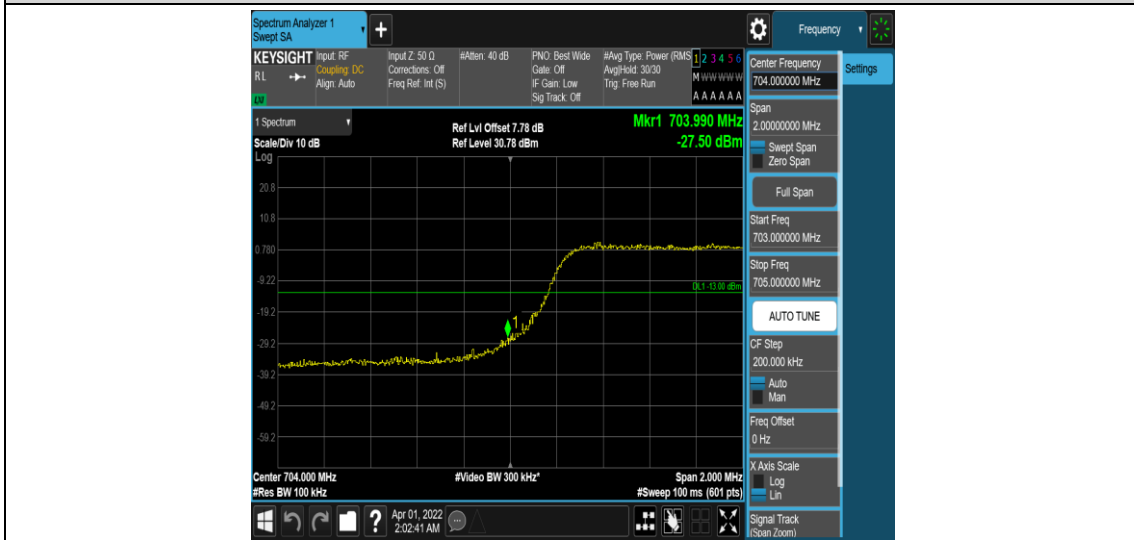
Test Graphs



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



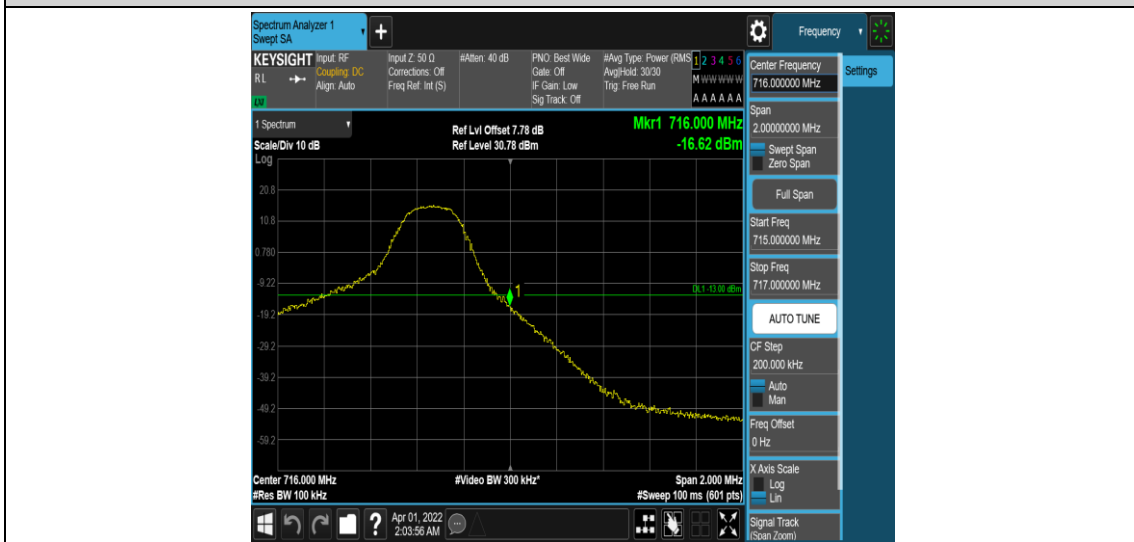
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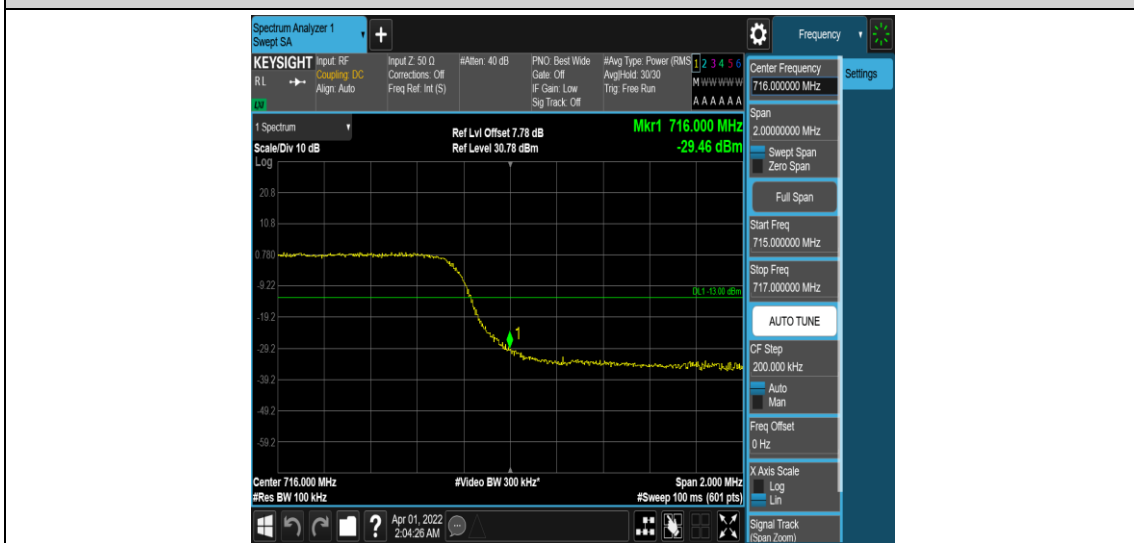
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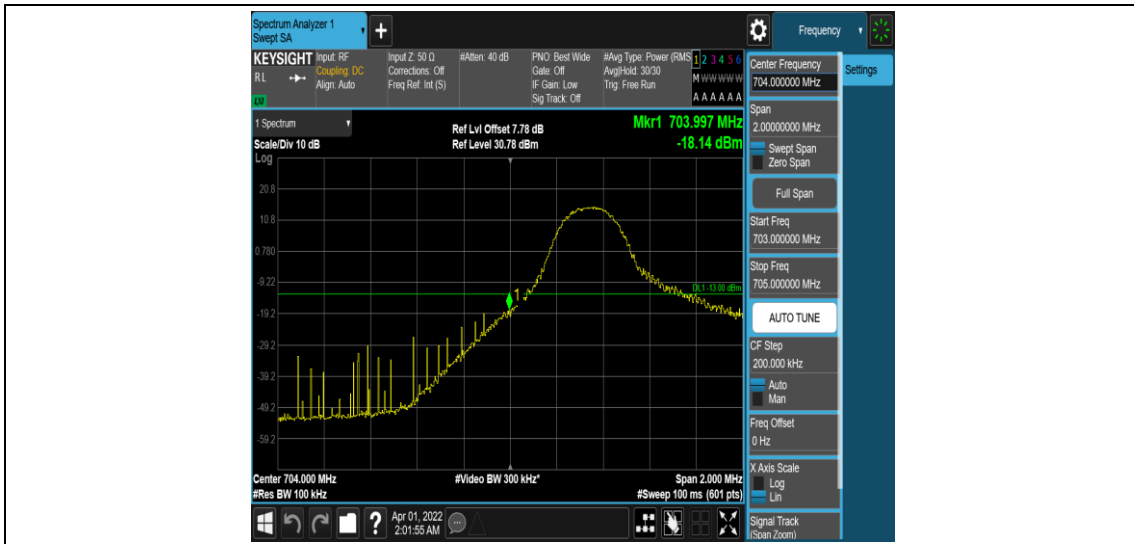
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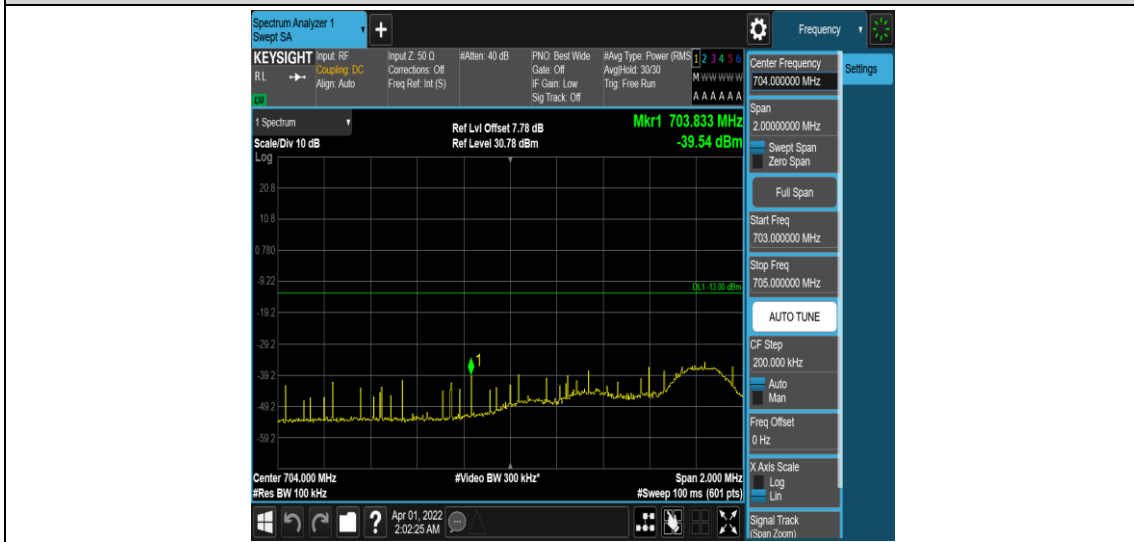
Band17-5MHz-QPSK-23825-1RB#24



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



Band17-5MHz-16QAM-23755-1RB#0



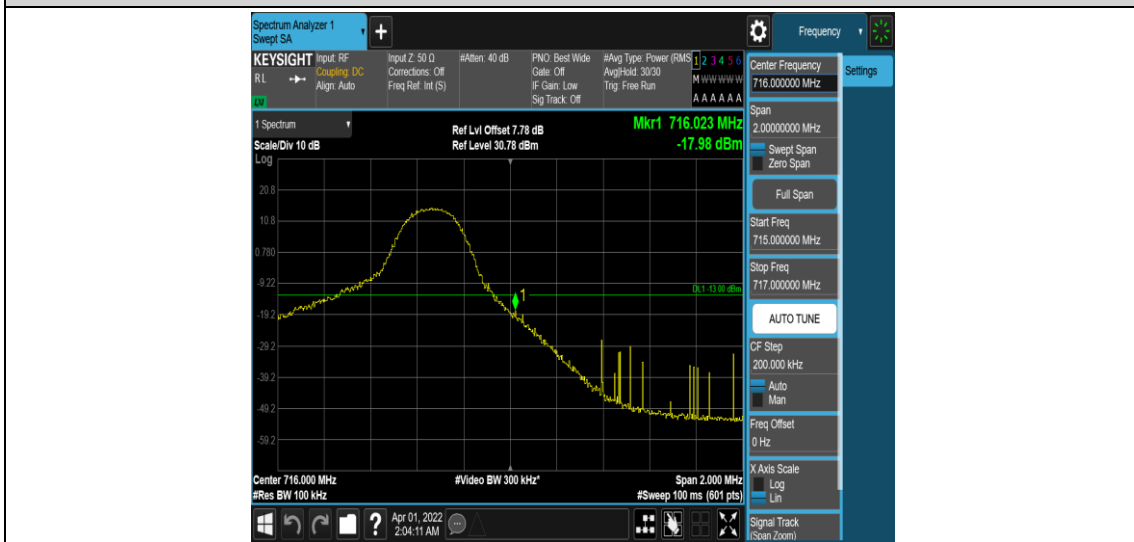
Band17-5MHz-16QAM-23755-1RB#24



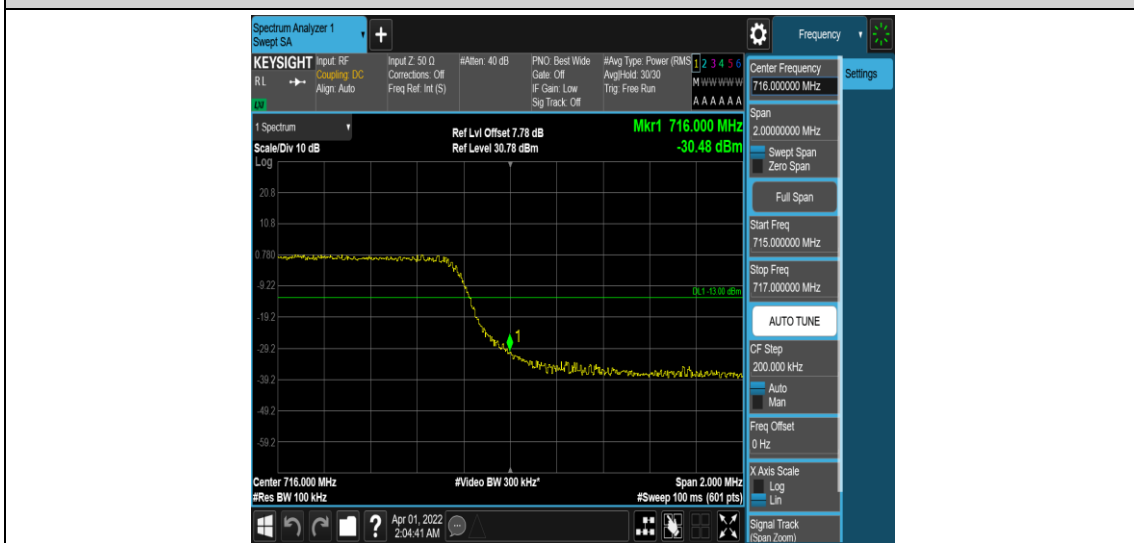
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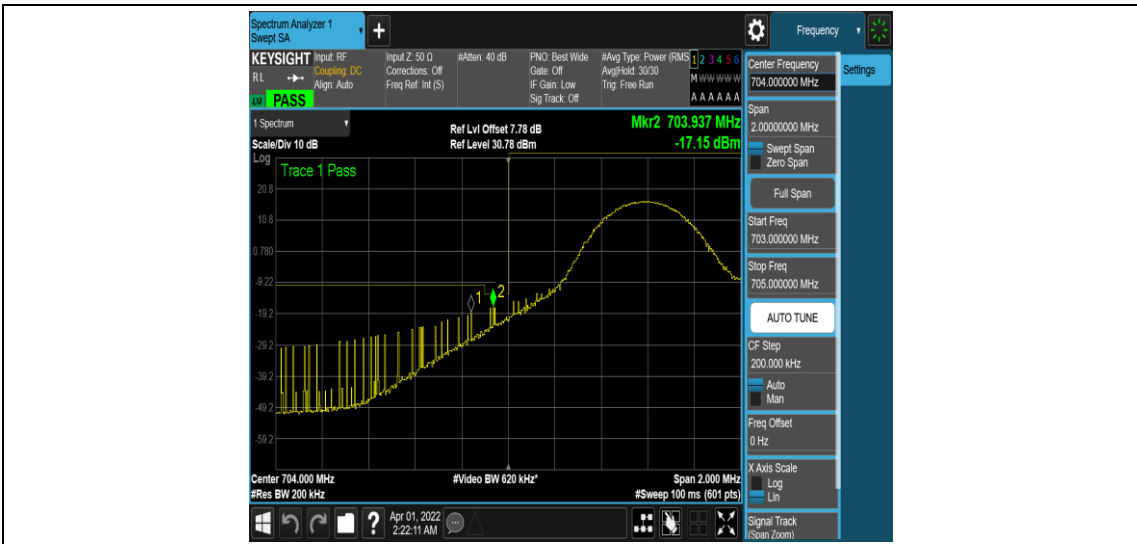
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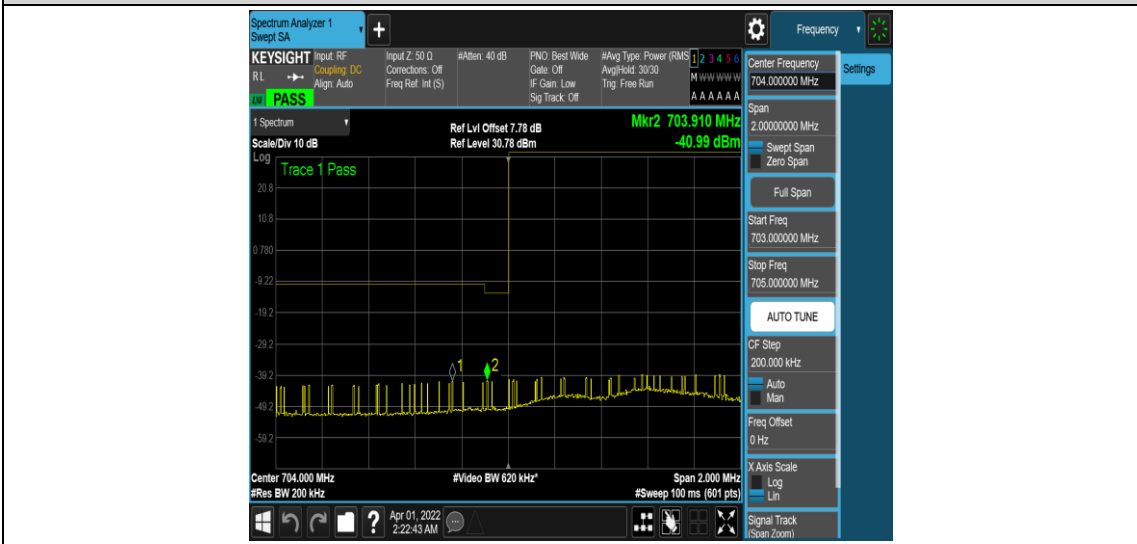
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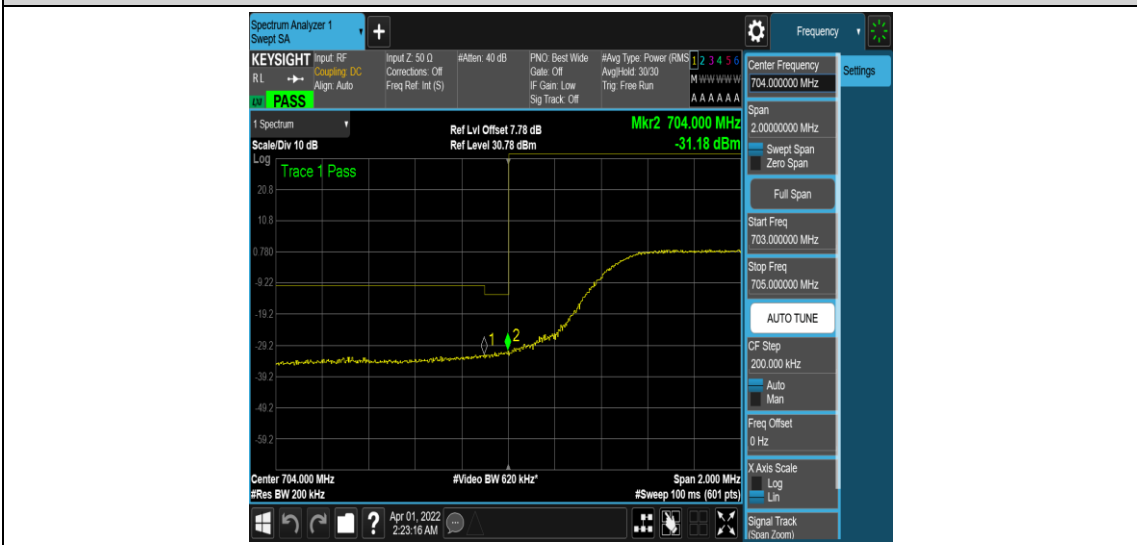
Band17-5MHz-16QAM-23825-25RB#0



Band17-10MHz-QPSK-23780-1RB#0



Band17-10MHz-QPSK-23780-1RB#49



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