

Appendix for Band 17

Product Name: Smart Phone

Model No: F91 5G

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	24.33	PASS
Band17	5MHz	QPSK	23755	1RB#12	24.30	PASS
Band17	5MHz	QPSK	23755	1RB#24	24.31	PASS
Band17	5MHz	QPSK	23755	12RB#0	23.14	PASS
Band17	5MHz	QPSK	23755	12RB#6	23.13	PASS
Band17	5MHz	QPSK	23755	12RB#13	23.14	PASS
Band17	5MHz	QPSK	23755	25RB#0	23.16	PASS
Band17	5MHz	QPSK	23790	1RB#0	24.23	PASS
Band17	5MHz	QPSK	23790	1RB#12	24.23	PASS
Band17	5MHz	QPSK	23790	1RB#24	24.22	PASS
Band17	5MHz	QPSK	23790	12RB#0	23.13	PASS
Band17	5MHz	QPSK	23790	12RB#6	22.98	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.85	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.94	PASS
Band17	5MHz	QPSK	23825	1RB#0	24.14	PASS
Band17	5MHz	QPSK	23825	1RB#12	24.21	PASS
Band17	5MHz	QPSK	23825	1RB#24	24.10	PASS
Band17	5MHz	QPSK	23825	12RB#0	23.16	PASS
Band17	5MHz	QPSK	23825	12RB#6	23.17	PASS
Band17	5MHz	QPSK	23825	12RB#13	22.96	PASS
Band17	5MHz	QPSK	23825	25RB#0	23.16	PASS
Band17	5MHz	16QAM	23755	1RB#0	23.10	PASS
Band17	5MHz	16QAM	23755	1RB#12	23.06	PASS
Band17	5MHz	16QAM	23755	1RB#24	23.13	PASS
Band17	5MHz	16QAM	23755	12RB#0	22.14	PASS
Band17	5MHz	16QAM	23755	12RB#6	22.16	PASS
Band17	5MHz	16QAM	23755	12RB#13	22.20	PASS
Band17	5MHz	16QAM	23755	25RB#0	22.17	PASS
Band17	5MHz	16QAM	23790	1RB#0	23.14	PASS
Band17	5MHz	16QAM	23790	1RB#12	23.20	PASS
Band17	5MHz	16QAM	23790	1RB#24	23.21	PASS
Band17	5MHz	16QAM	23790	12RB#0	22.01	PASS

Band17	5MHz	16QAM	23790	12RB#6	22.02	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.91	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.91	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.98	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.92	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.91	PASS
Band17	5MHz	16QAM	23825	12RB#0	22.12	PASS
Band17	5MHz	16QAM	23825	12RB#6	22.11	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.93	PASS
Band17	5MHz	16QAM	23825	25RB#0	22.12	PASS
Band17	10MHz	QPSK	23780	1RB#0	24.25	PASS
Band17	10MHz	QPSK	23780	1RB#24	24.34	PASS
Band17	10MHz	QPSK	23780	1RB#49	24.27	PASS
Band17	10MHz	QPSK	23780	25RB#0	23.02	PASS
Band17	10MHz	QPSK	23780	25RB#12	23.06	PASS
Band17	10MHz	QPSK	23780	25RB#25	23.05	PASS
Band17	10MHz	QPSK	23780	50RB#0	23.03	PASS
Band17	10MHz	QPSK	23790	1RB#0	24.17	PASS
Band17	10MHz	QPSK	23790	1RB#24	24.18	PASS
Band17	10MHz	QPSK	23790	1RB#49	24.09	PASS
Band17	10MHz	QPSK	23790	25RB#0	23.05	PASS
Band17	10MHz	QPSK	23790	25RB#12	23.05	PASS
Band17	10MHz	QPSK	23790	25RB#25	22.96	PASS
Band17	10MHz	QPSK	23790	50RB#0	23.02	PASS
Band17	10MHz	QPSK	23800	1RB#0	24.05	PASS
Band17	10MHz	QPSK	23800	1RB#24	24.10	PASS
Band17	10MHz	QPSK	23800	1RB#49	24.02	PASS
Band17	10MHz	QPSK	23800	25RB#0	23.00	PASS
Band17	10MHz	QPSK	23800	25RB#12	23.01	PASS
Band17	10MHz	QPSK	23800	25RB#25	22.97	PASS
Band17	10MHz	QPSK	23800	50RB#0	23.00	PASS
Band17	10MHz	16QAM	23780	1RB#0	23.22	PASS
Band17	10MHz	16QAM	23780	1RB#24	23.26	PASS
Band17	10MHz	16QAM	23780	1RB#49	23.22	PASS
Band17	10MHz	16QAM	23780	25RB#0	22.01	PASS
Band17	10MHz	16QAM	23780	25RB#12	22.00	PASS
Band17	10MHz	16QAM	23780	25RB#25	22.03	PASS

Band17	10MHz	16QAM	23780	50RB#0	22.03	PASS
Band17	10MHz	16QAM	23790	1RB#0	23.04	PASS
Band17	10MHz	16QAM	23790	1RB#24	23.09	PASS
Band17	10MHz	16QAM	23790	1RB#49	23.00	PASS
Band17	10MHz	16QAM	23790	25RB#0	22.04	PASS
Band17	10MHz	16QAM	23790	25RB#12	22.05	PASS
Band17	10MHz	16QAM	23790	25RB#25	22.01	PASS
Band17	10MHz	16QAM	23790	50RB#0	22.00	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.87	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.90	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.87	PASS
Band17	10MHz	16QAM	23800	25RB#0	22.07	PASS
Band17	10MHz	16QAM	23800	25RB#12	22.08	PASS
Band17	10MHz	16QAM	23800	25RB#25	21.97	PASS
Band17	10MHz	16QAM	23800	50RB#0	22.00	PASS

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

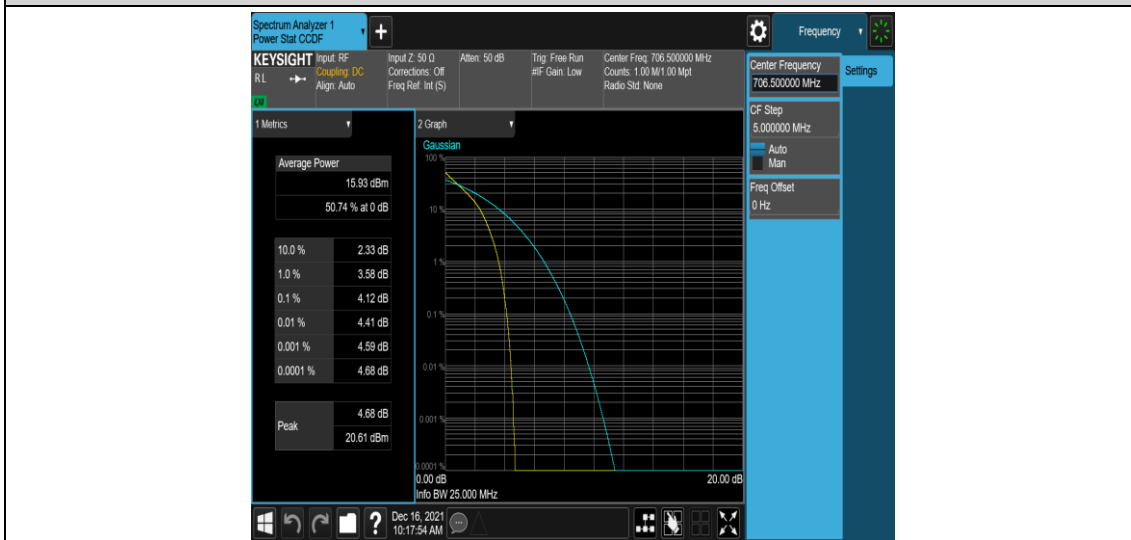
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	3.80	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.12	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	3.09	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.30	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	3.76	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.46	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	4.68	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.96	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	4.00	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	5.11	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	4.62	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	5.38	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	3.74	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	4.65	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	3.39	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	4.56	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	3.30	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	4.45	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	4.65	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	5.44	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	4.32	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	5.42	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	4.25	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	5.39	13	PASS

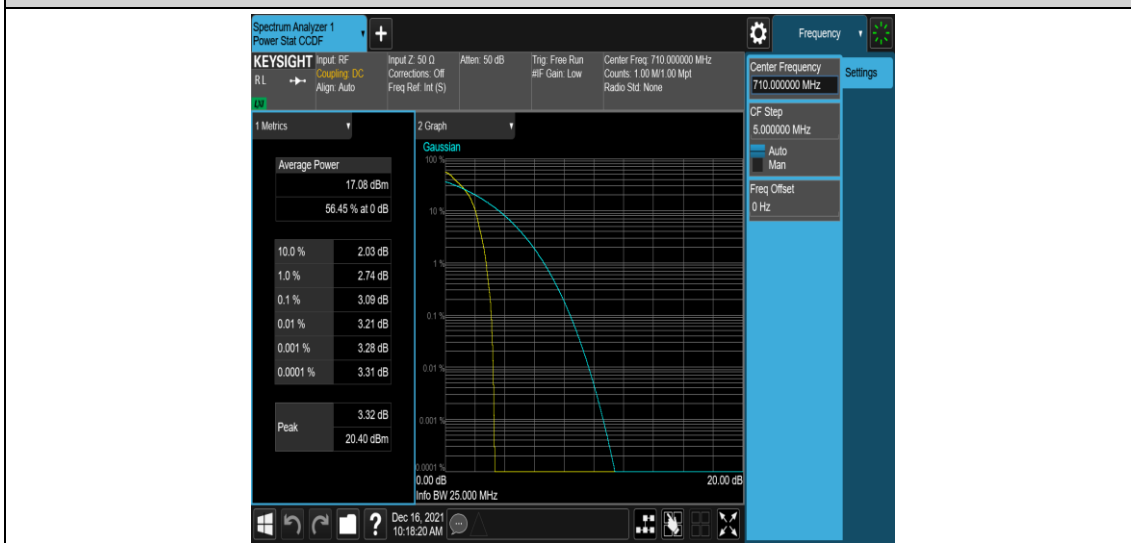
Test Graphs

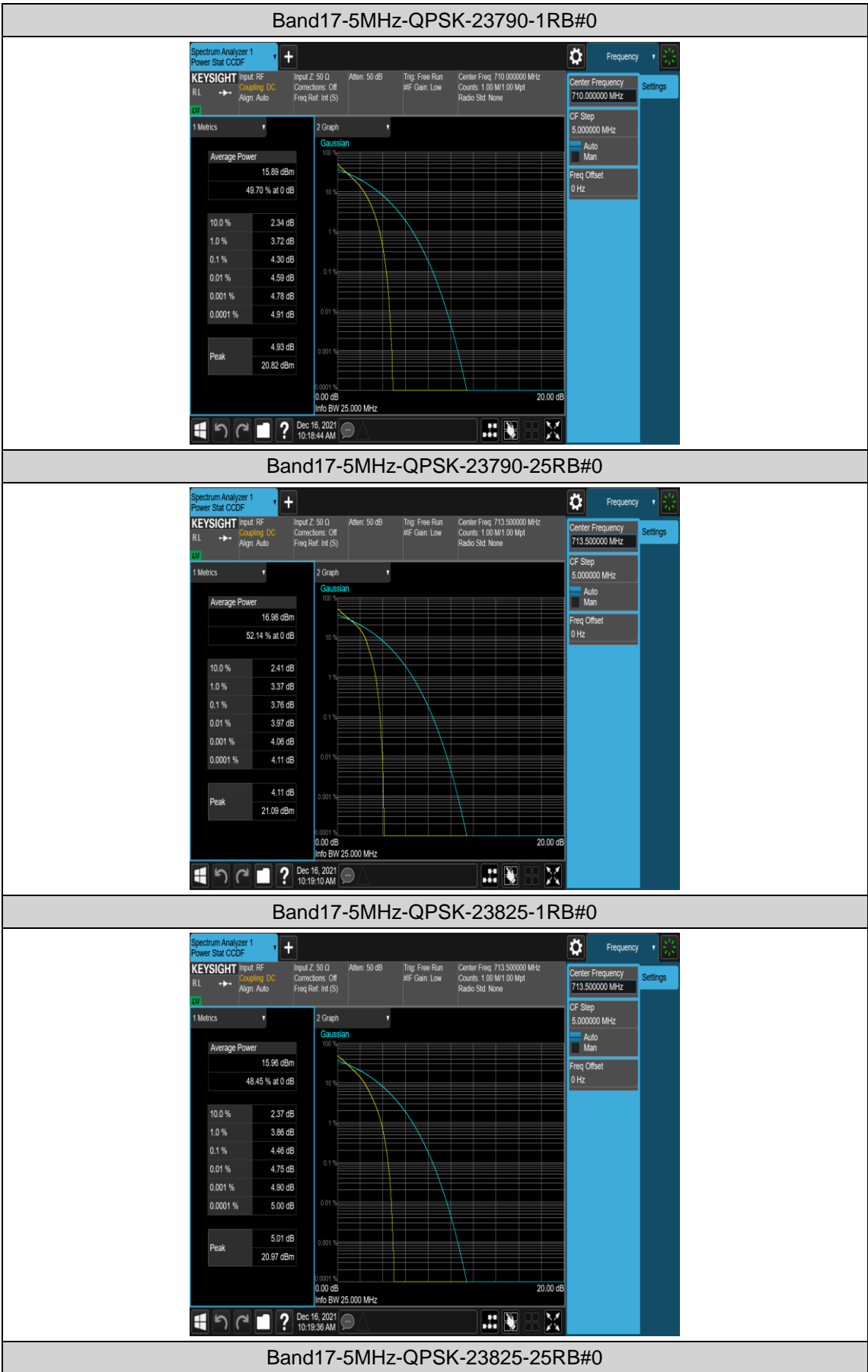


Band17-5MHz-QPSK-23755-1RB#0



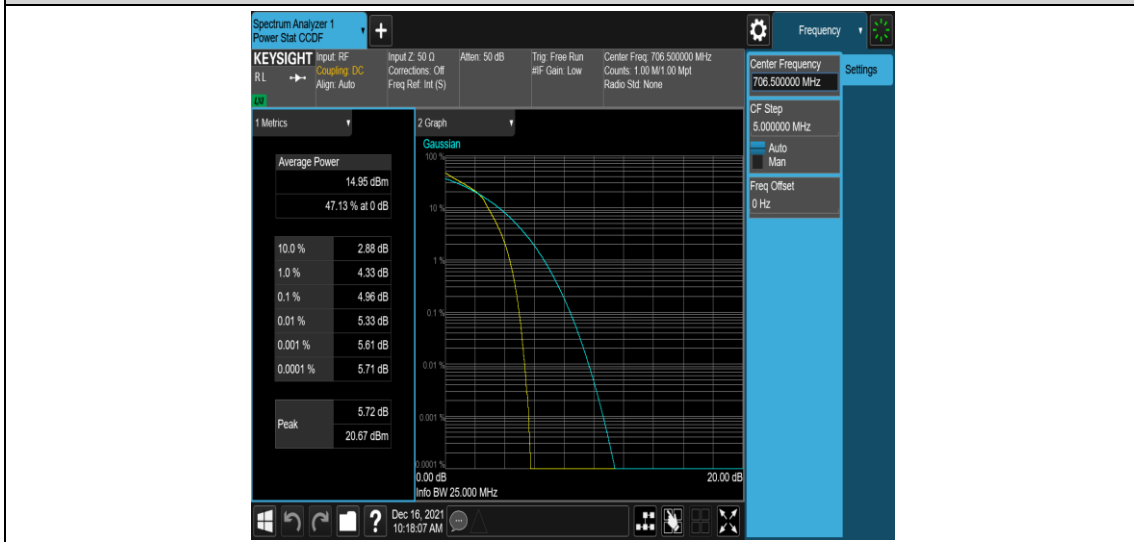
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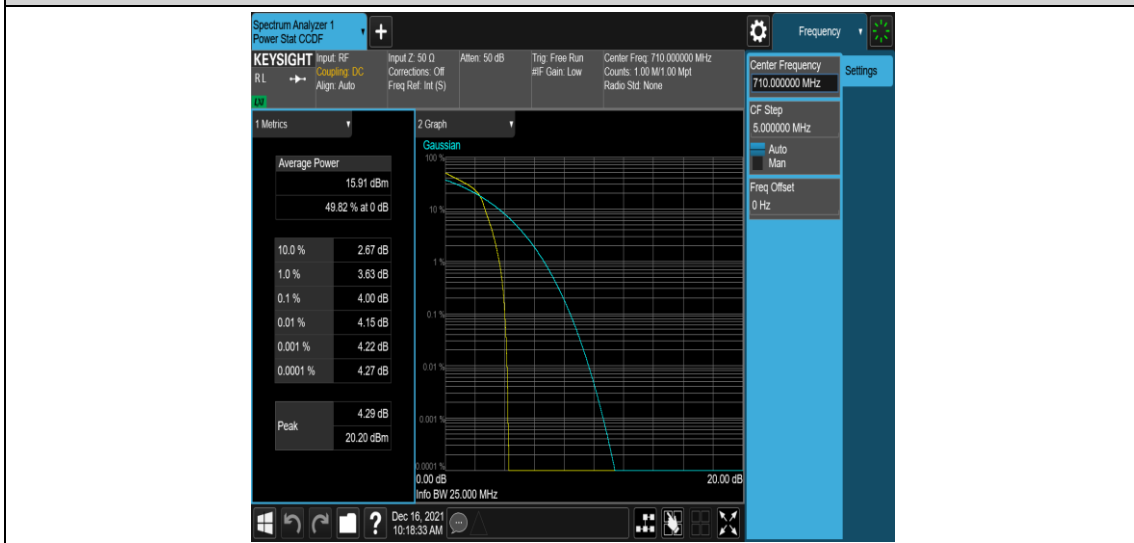




Band17-5MHz-16QAM-23755-1RB#0



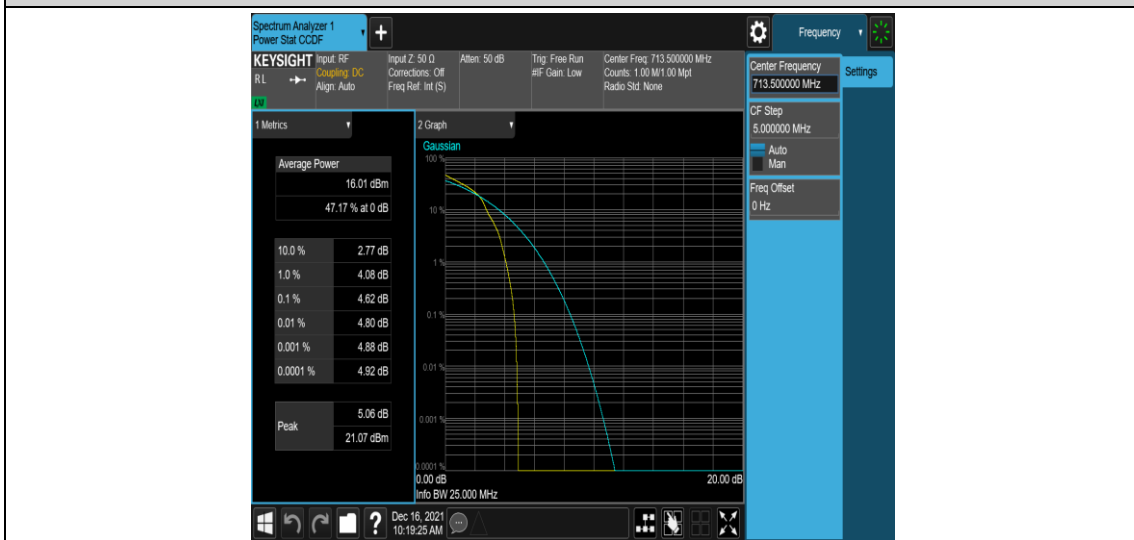
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Band17-5MHz-16QAM-23790-1RB#0



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



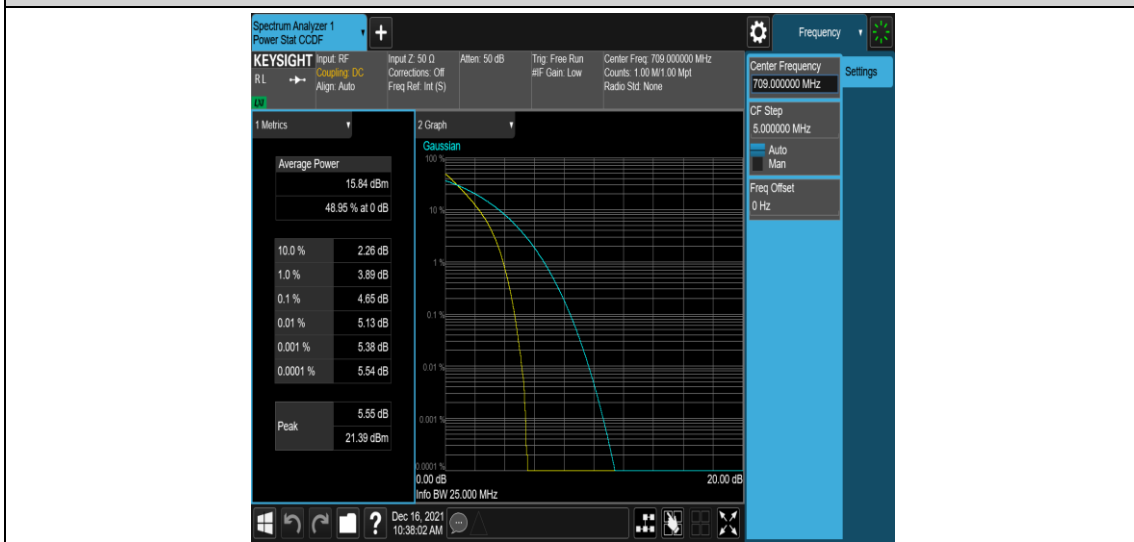
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Band17-5MHz-16QAM-23825-25RB#0



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



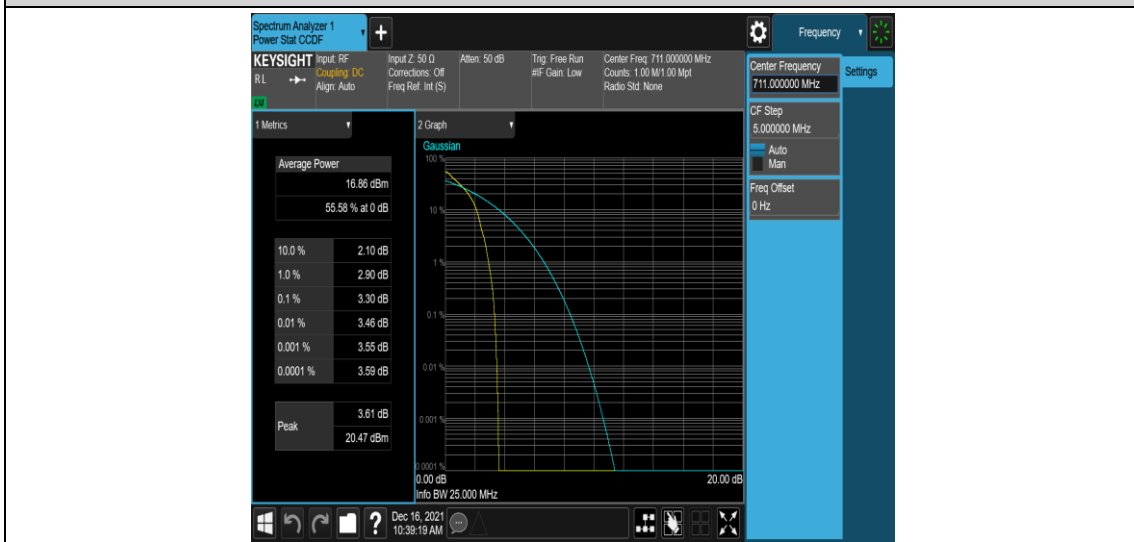
Band17-10MHz-QPSK-23780-50RB#0



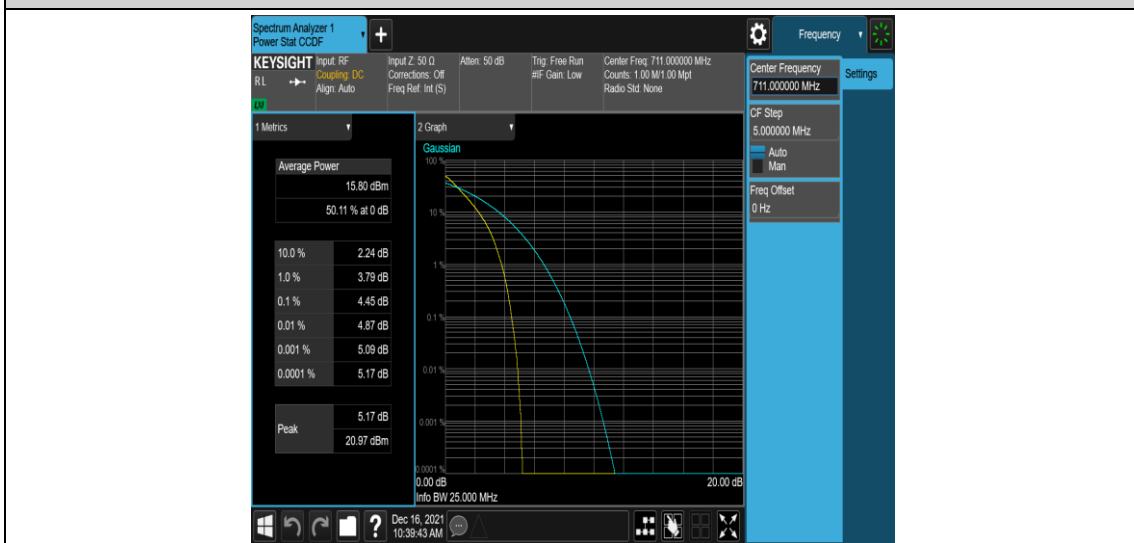
Band17-10MHz-QPSK-23790-1RB#0



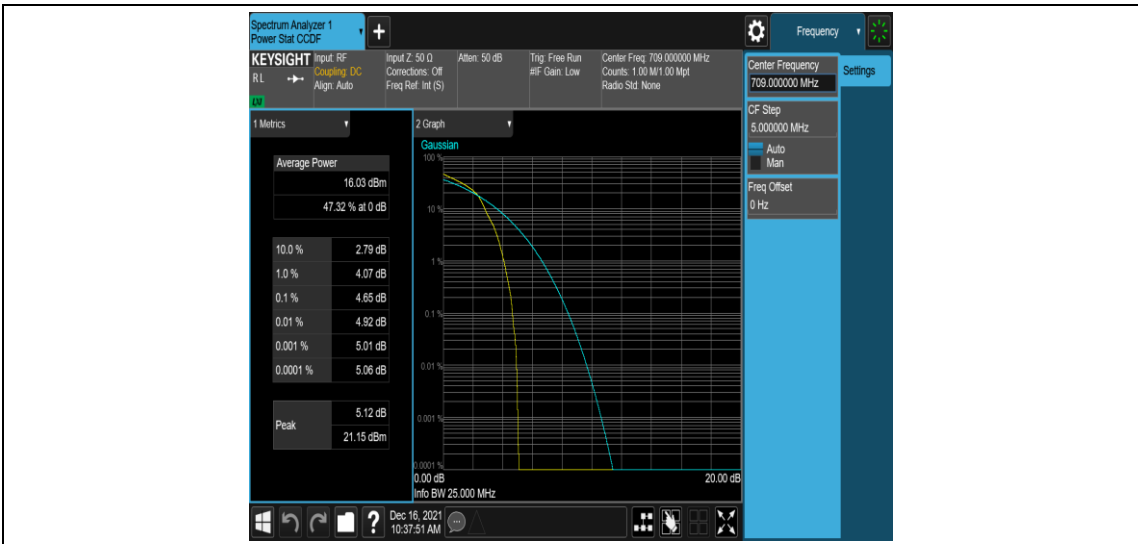
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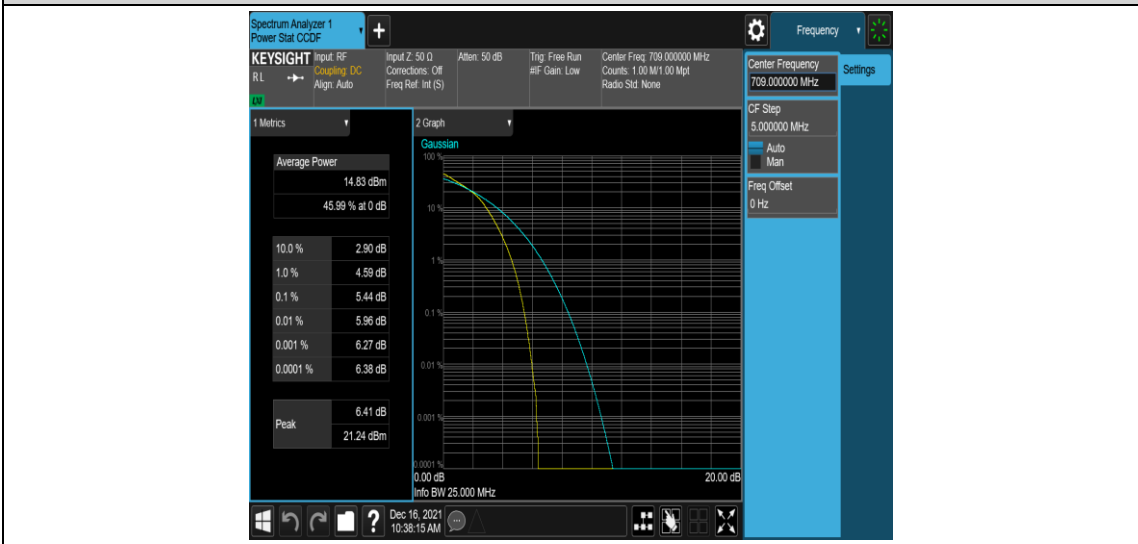
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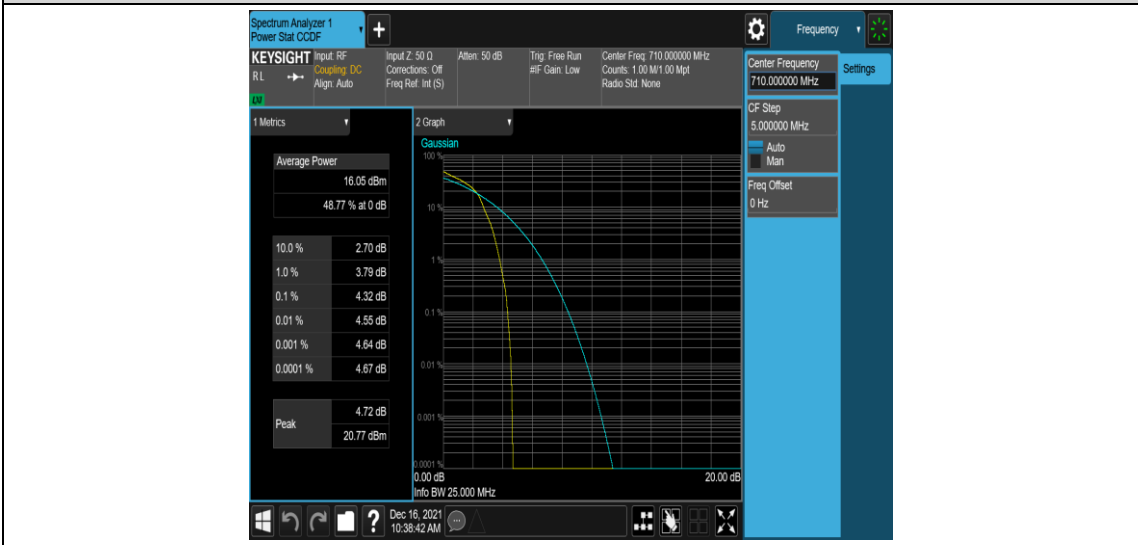
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Band17-10MHz-16QAM-23780-1RB#0



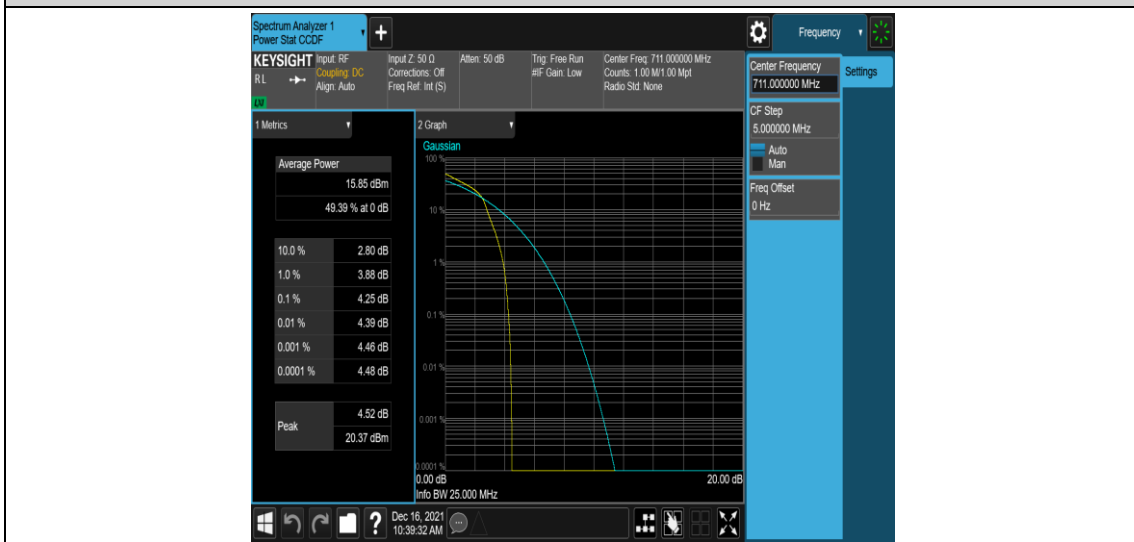
Band17-10MHz-16QAM-23780-50RB#0



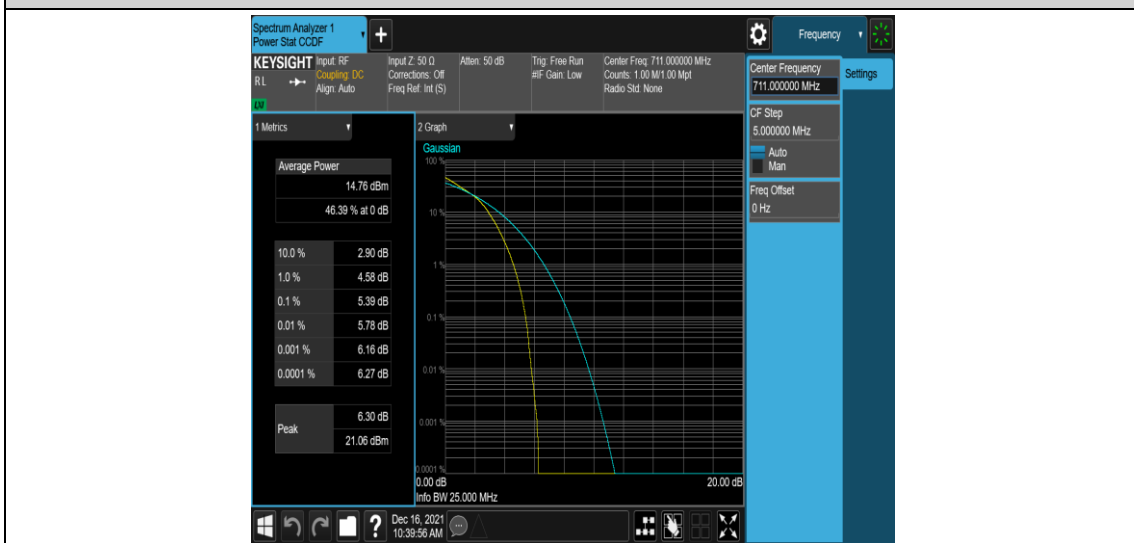
Band17-10MHz-16QAM-23790-1RB#0



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



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



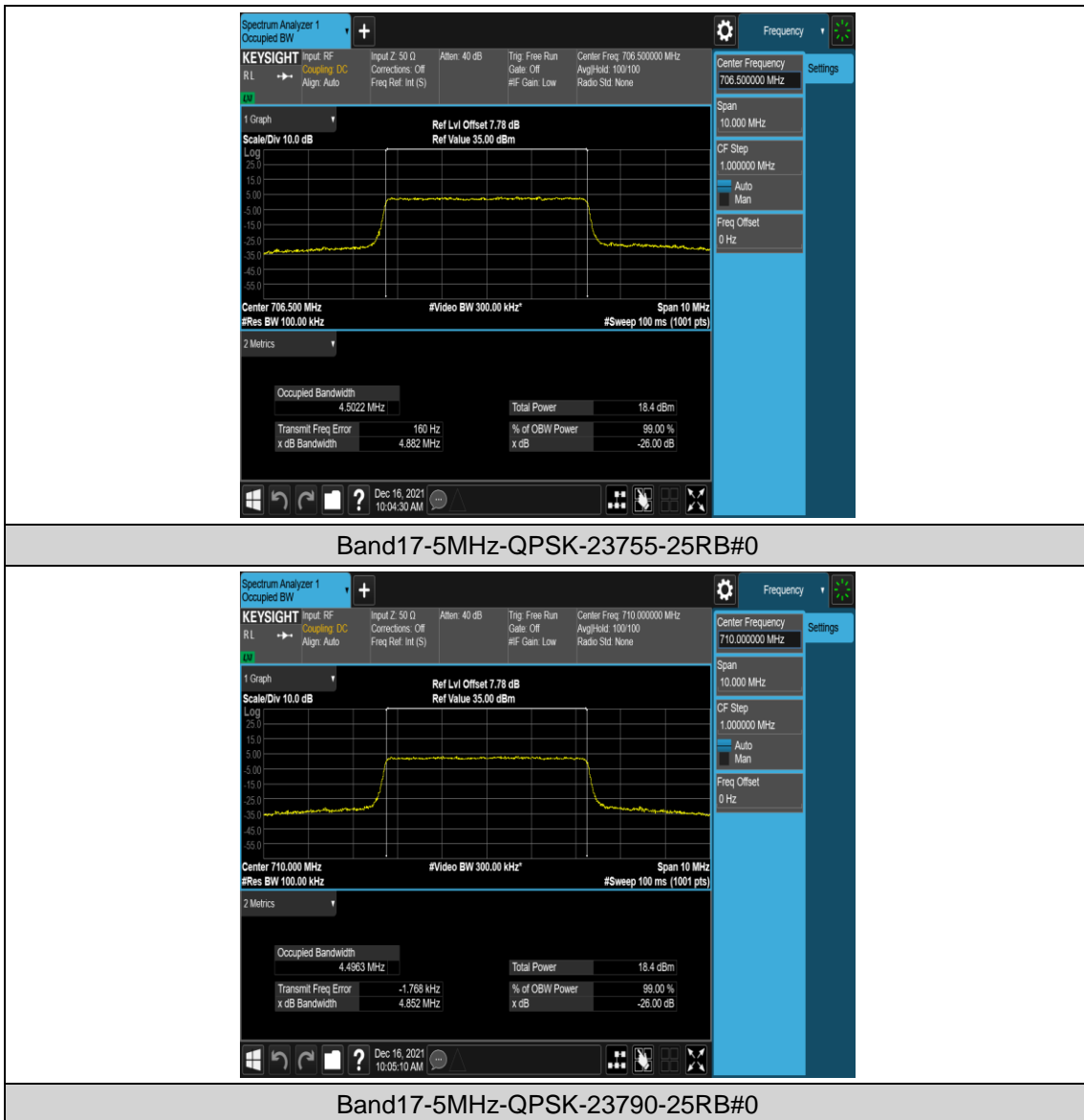
Band17-10MHz-16QAM-23800-50RB#0

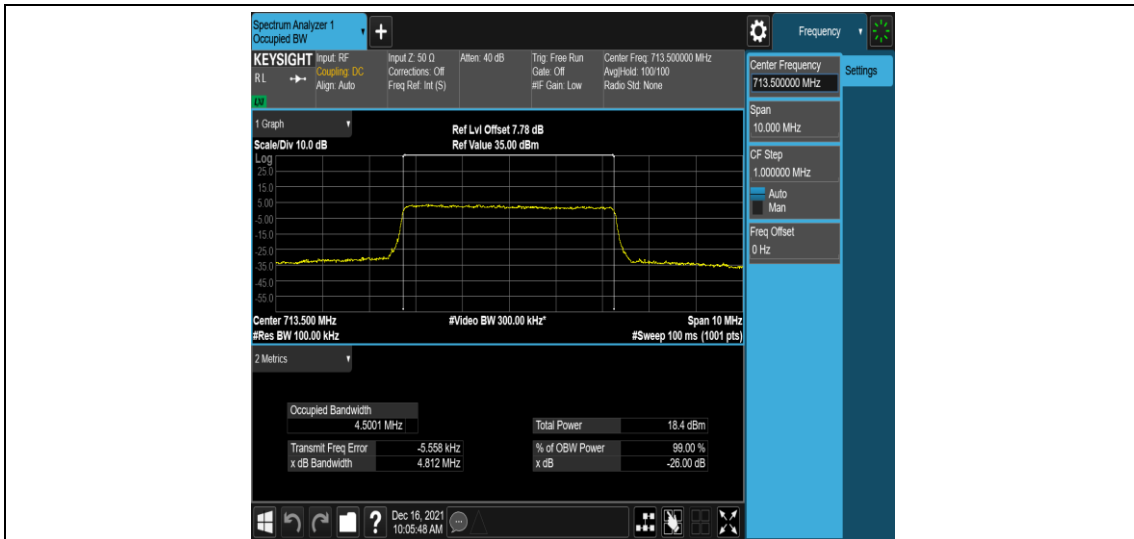
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

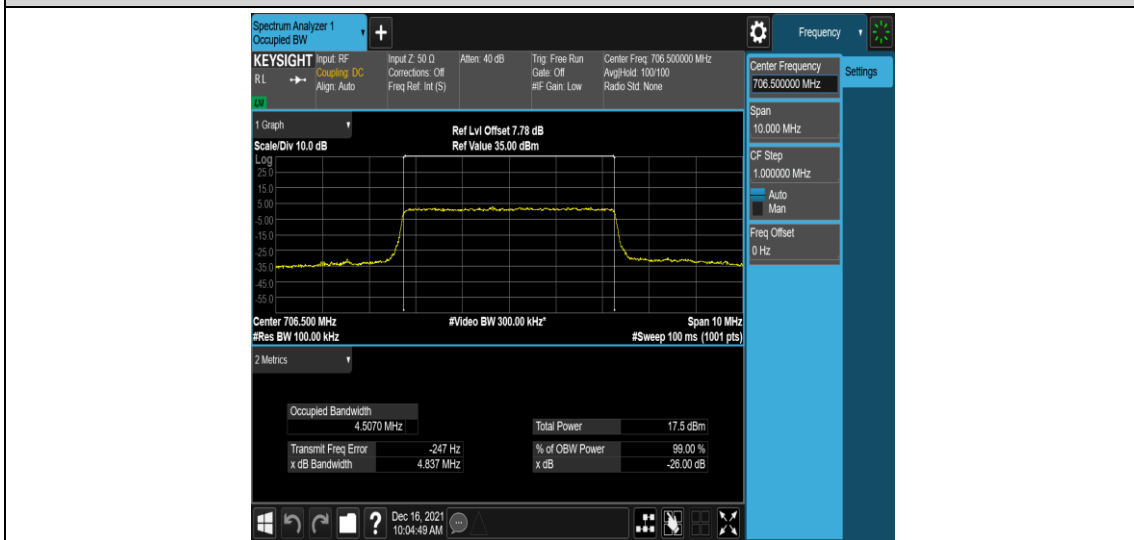
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5022	4.882	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.4963	4.852	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5001	4.812	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5070	4.837	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5036	4.823	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.4983	4.843	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9710	9.517	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9636	9.528	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9625	9.517	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9565	9.525	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9483	9.494	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9655	9.511	PASS

Test Graphs

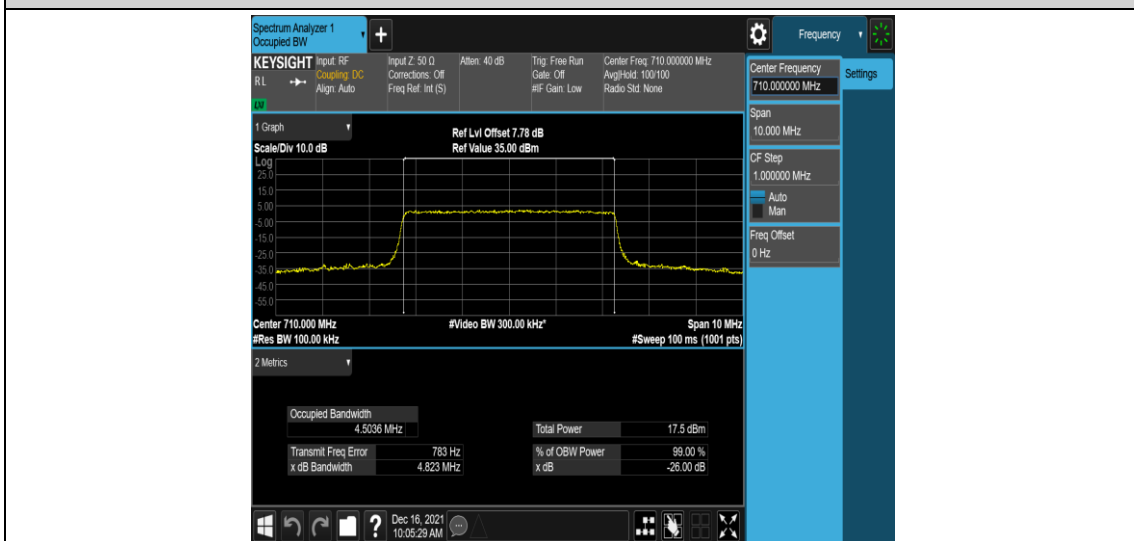




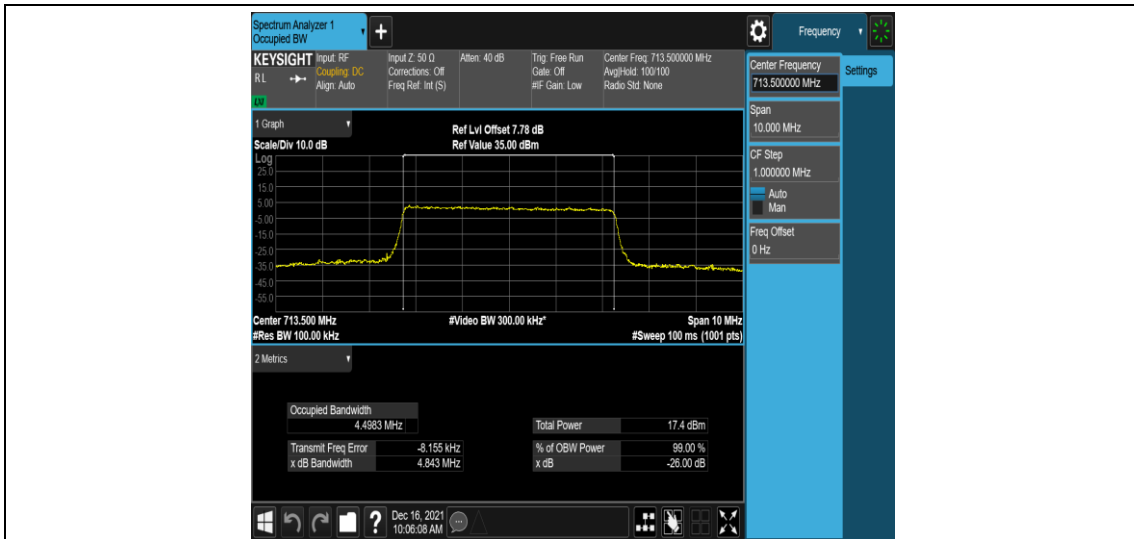
Band17-5MHz-QPSK-23825-25RB#0



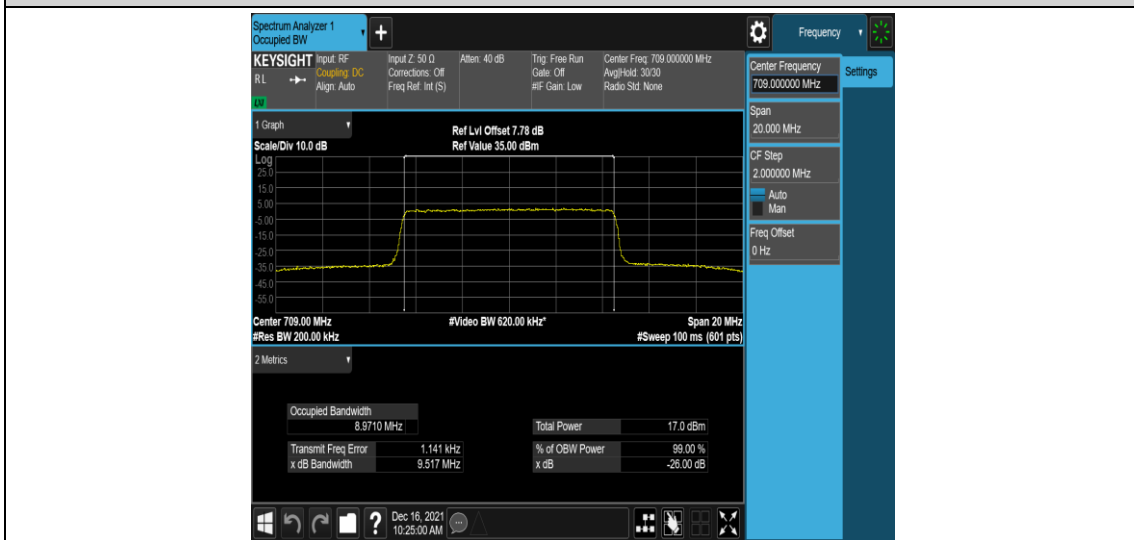
Band17-5MHz-16QAM-23755-25RB#0



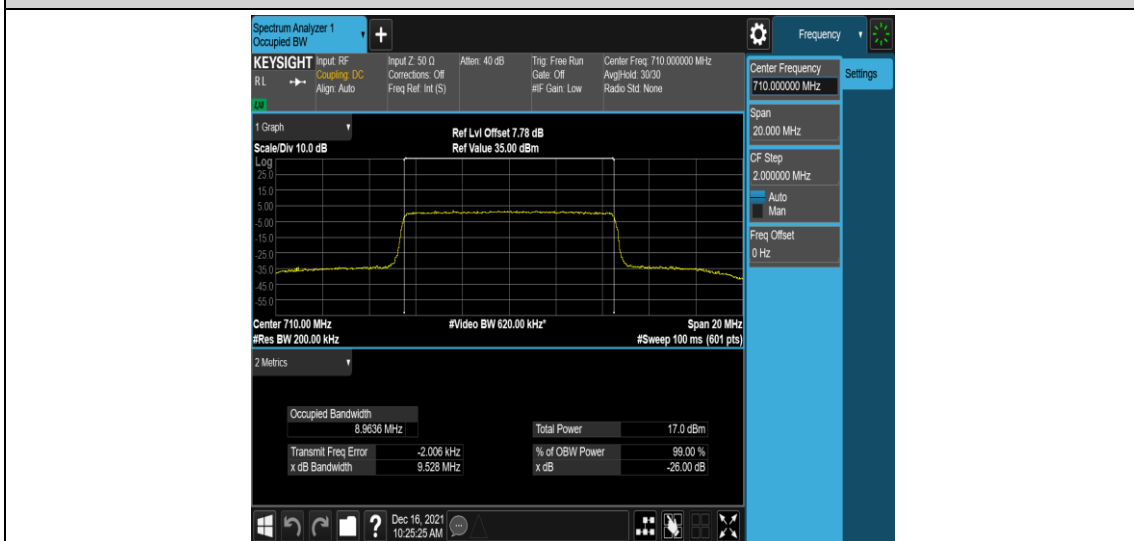
Band17-5MHz-16QAM-23790-25RB#0



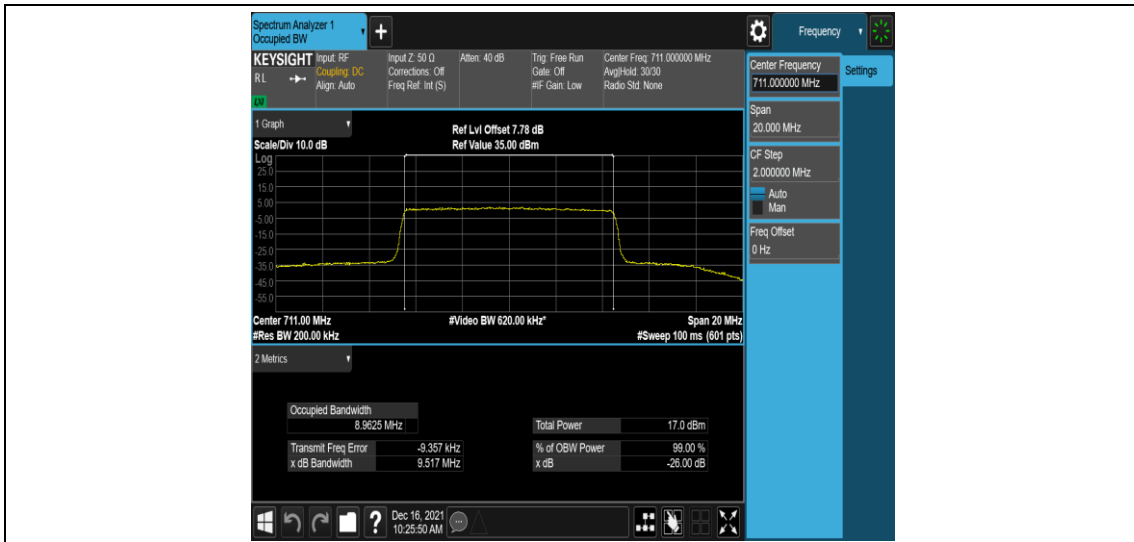
Band17-5MHz-16QAM-23825-25RB#0



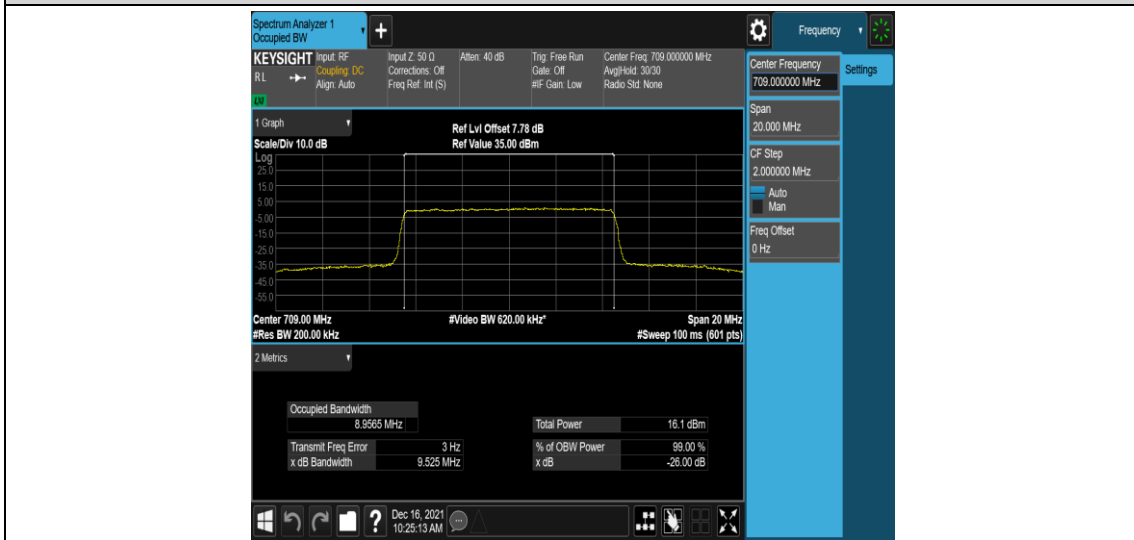
Band17-10MHz-QPSK-23780-50RB#0



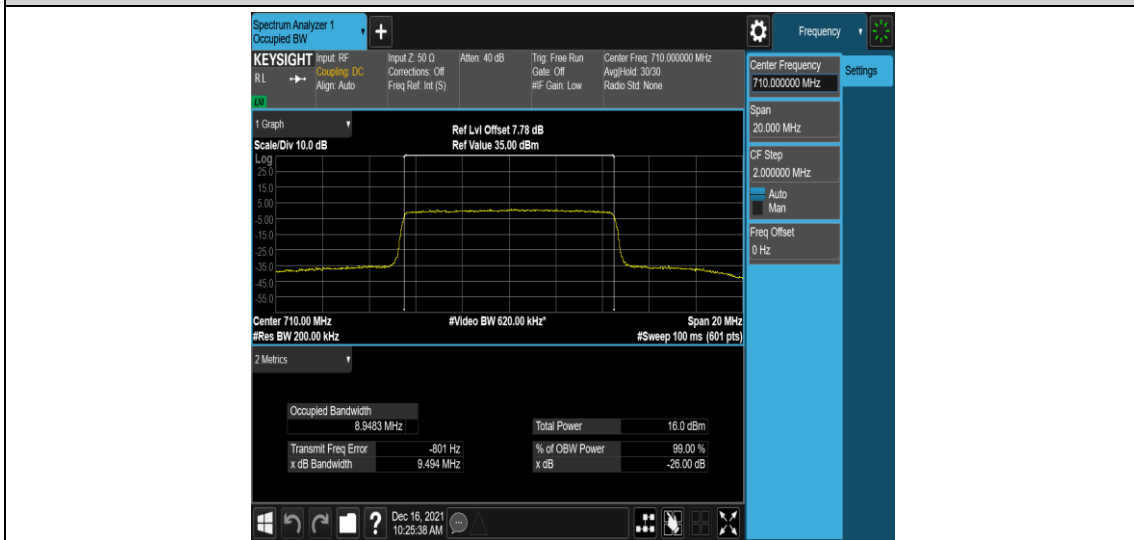
Band17-10MHz-QPSK-23790-50RB#0



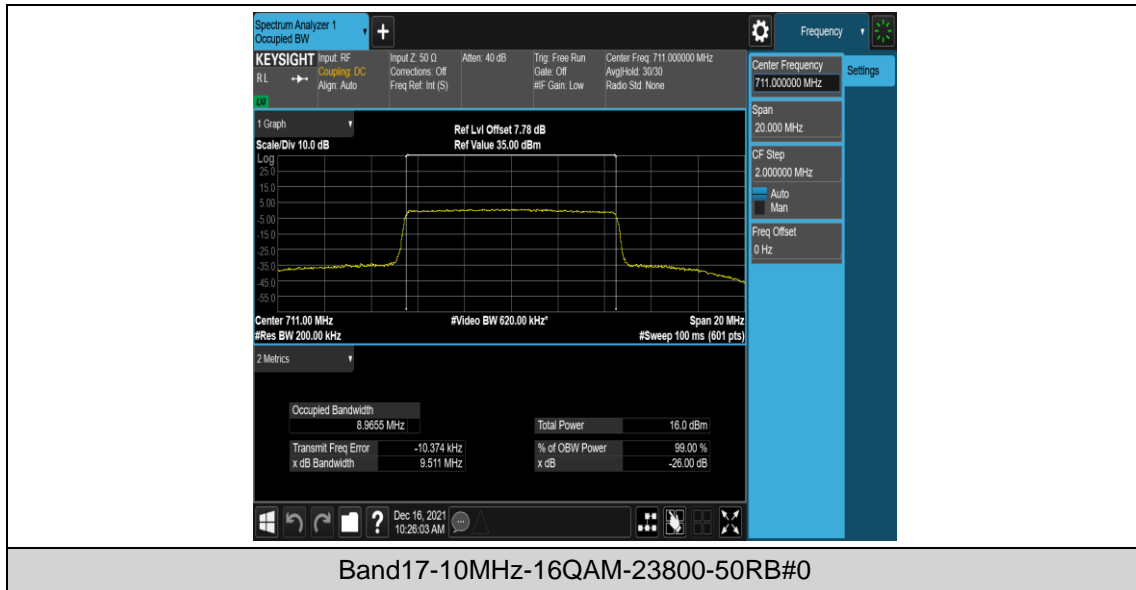
Band17-10MHz-QPSK-23800-50RB#0



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



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

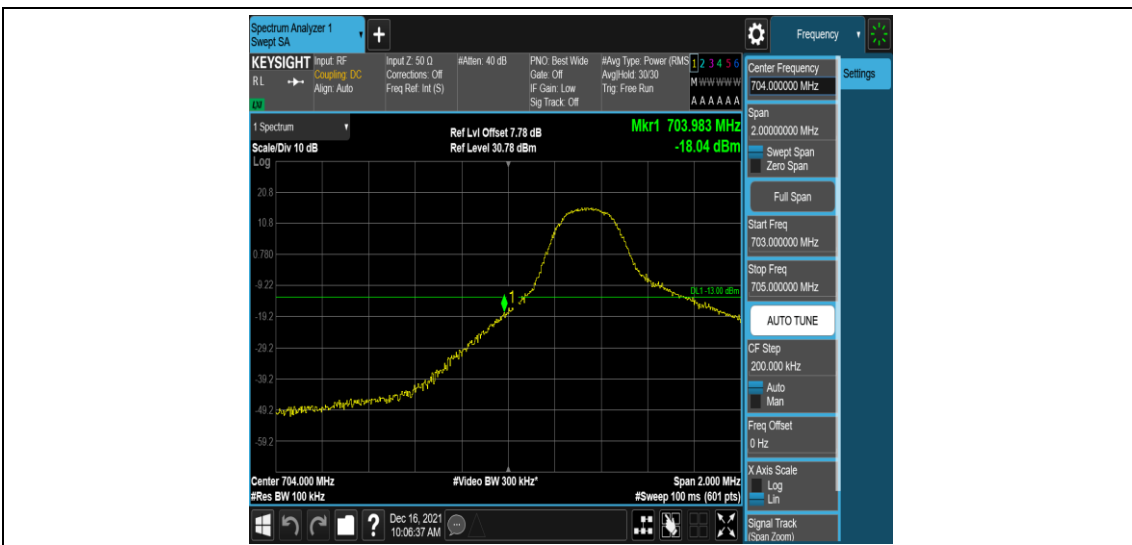


Appendix D: Band Edge

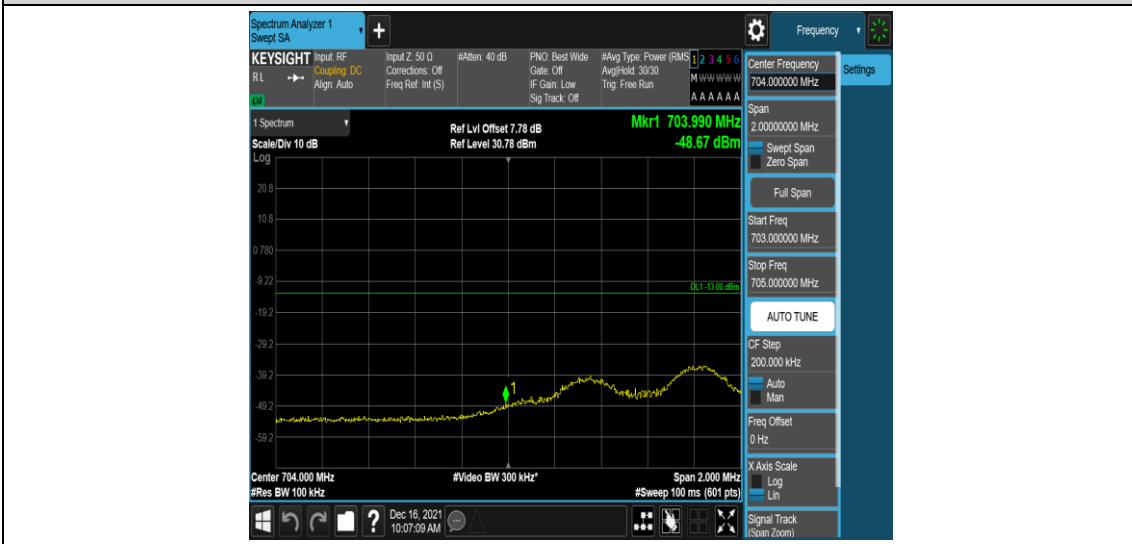
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	-18.04	PASS
Band17	5MHz	QPSK	23755	1RB#24	-48.67	PASS
Band17	5MHz	QPSK	23755	25RB#0	-27.36	PASS
Band17	5MHz	QPSK	23825	1RB#0	-49.51	PASS
Band17	5MHz	QPSK	23825	1RB#24	-16.15	PASS
Band17	5MHz	QPSK	23825	25RB#0	-29.57	PASS
Band17	5MHz	16QAM	23755	1RB#0	-16.78	PASS
Band17	5MHz	16QAM	23755	1RB#24	-49.54	PASS
Band17	5MHz	16QAM	23755	25RB#0	-29.80	PASS
Band17	5MHz	16QAM	23825	1RB#0	-50.37	PASS
Band17	5MHz	16QAM	23825	1RB#24	-17.78	PASS
Band17	5MHz	16QAM	23825	25RB#0	-30.90	PASS
Band17	10MHz	QPSK	23780	1RB#0	-24.20,-20.29	PASS
Band17	10MHz	QPSK	23780	1RB#49	-49.87,-49.84	PASS
Band17	10MHz	QPSK	23780	50RB#0	-32.59,-31.27	PASS
Band17	10MHz	QPSK	23800	1RB#0	-50.18,-50.19	PASS
Band17	10MHz	QPSK	23800	1RB#49	-19.18,-23.19	PASS
Band17	10MHz	QPSK	23800	50RB#0	-32.07,-32.23	PASS
Band17	10MHz	16QAM	23780	1RB#0	-25.37,-21.52	PASS
Band17	10MHz	16QAM	23780	1RB#49	-49.14,-49.22	PASS
Band17	10MHz	16QAM	23780	50RB#0	-34.75,-34.30	PASS
Band17	10MHz	16QAM	23800	1RB#0	-47.85,-48.95	PASS
Band17	10MHz	16QAM	23800	1RB#49	-19.57,-22.93	PASS
Band17	10MHz	16QAM	23800	50RB#0	-33.46,-34.58	PASS

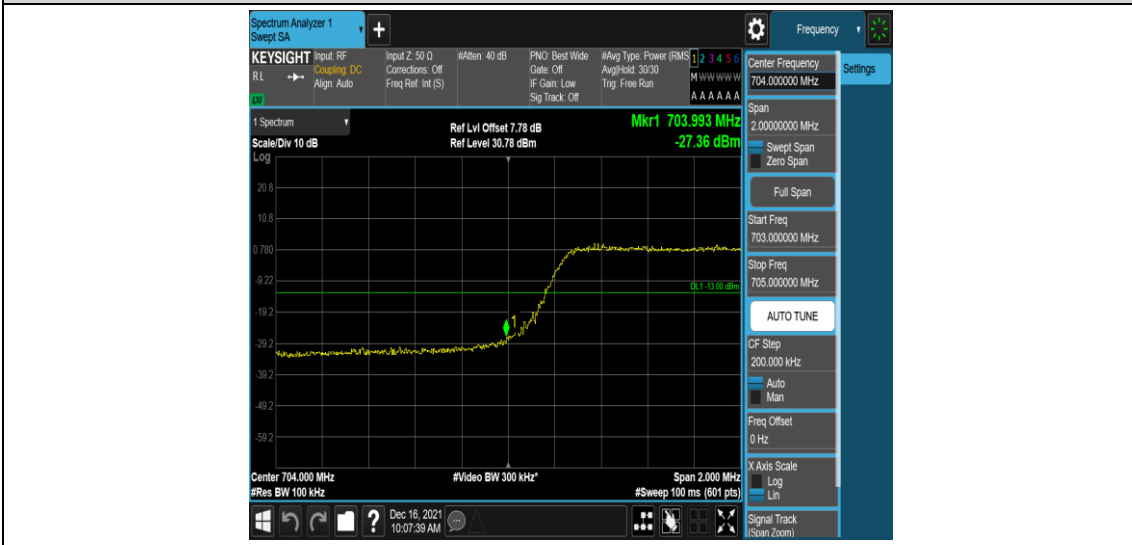
Test Graphs



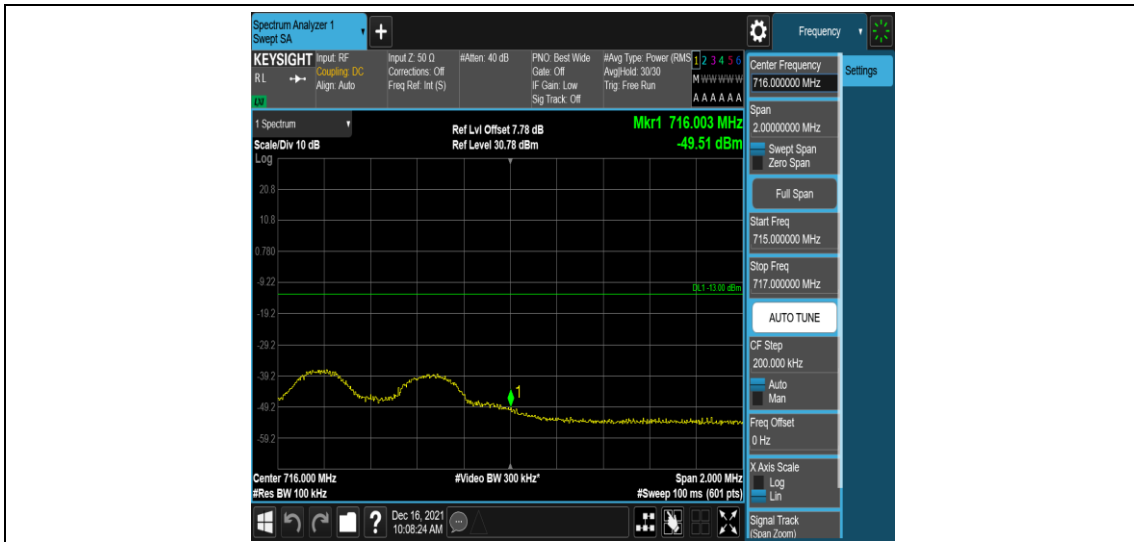
Band17-5MHz-QPSK-23755-1RB#0



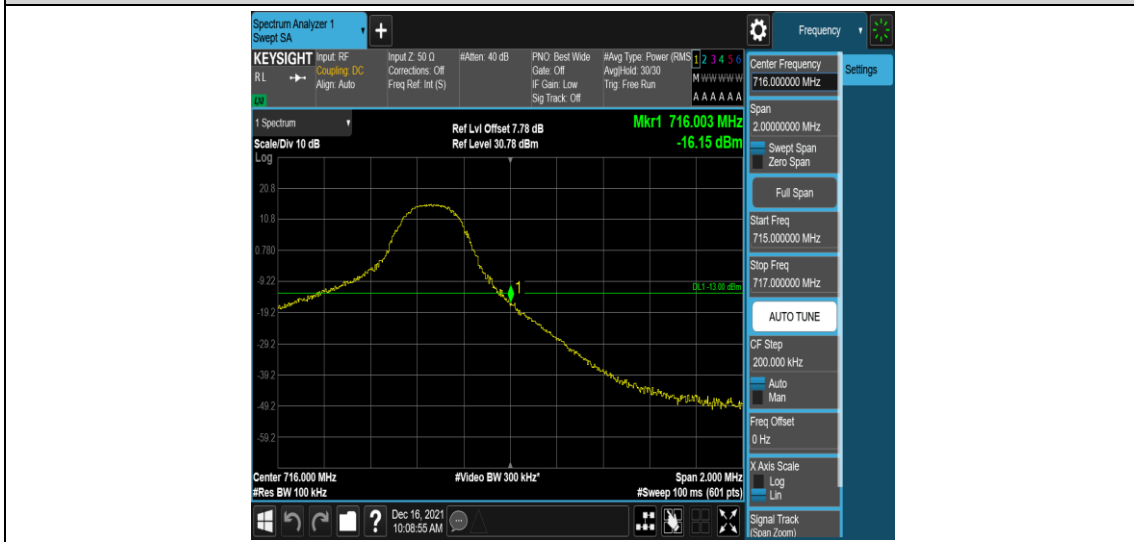
Band17-5MHz-QPSK-23755-1RB#24



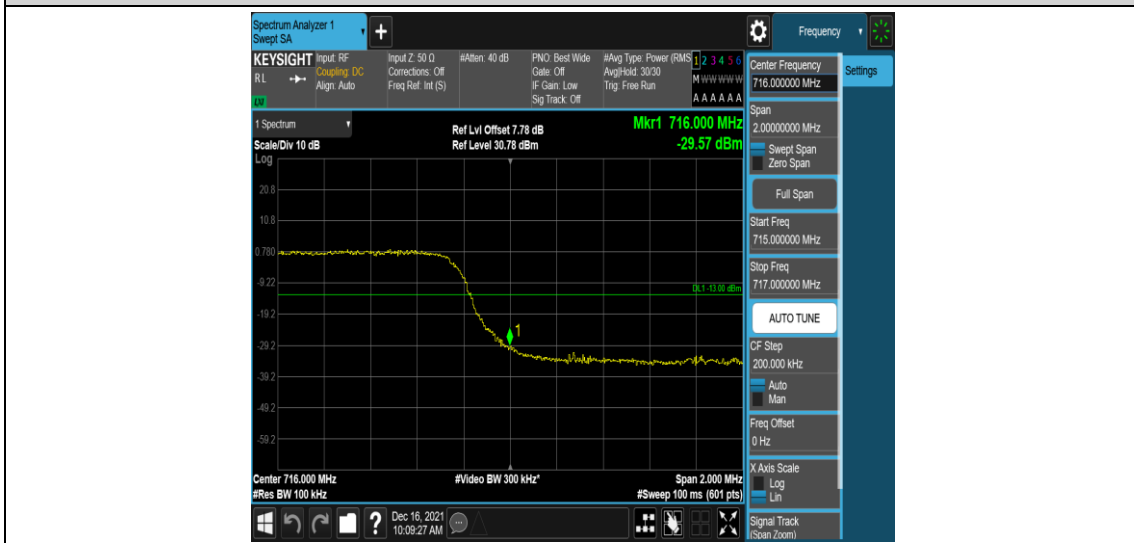
Band17-5MHz-QPSK-23755-25RB#0



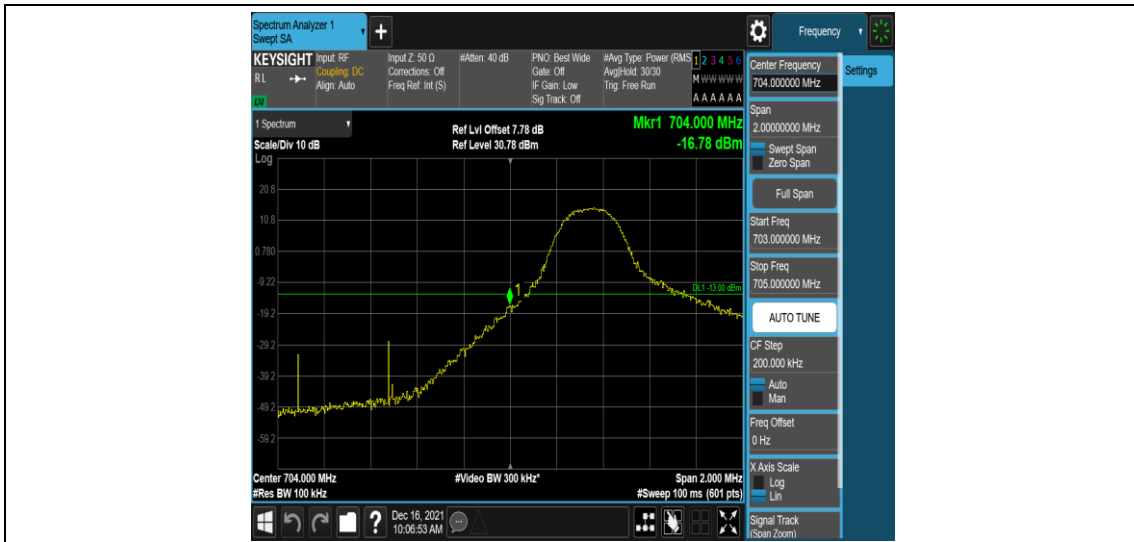
Band17-5MHz-QPSK-23825-1RB#0



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



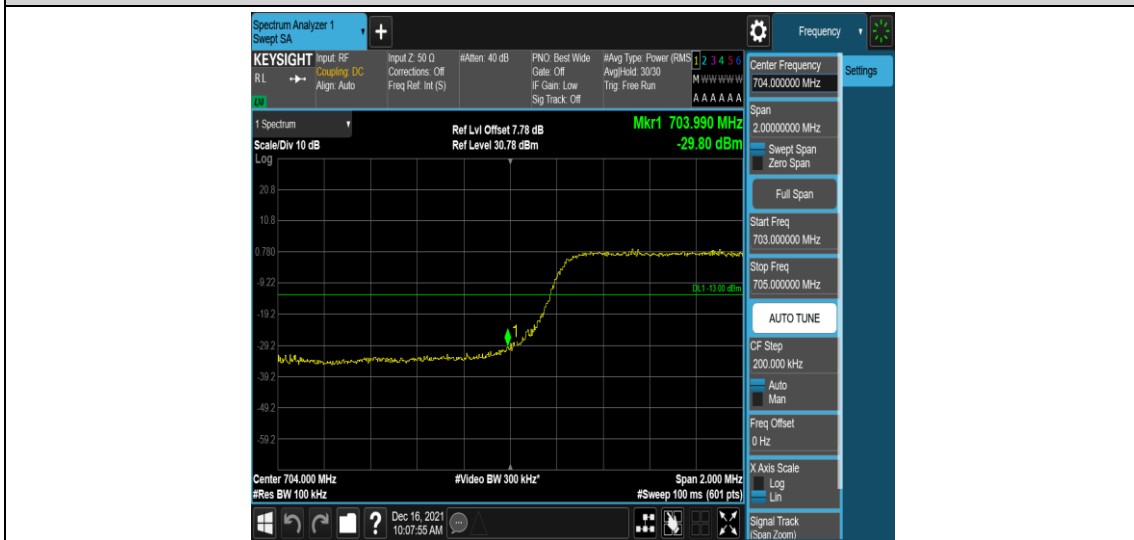
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Band17-5MHz-16QAM-23755-1RB#0



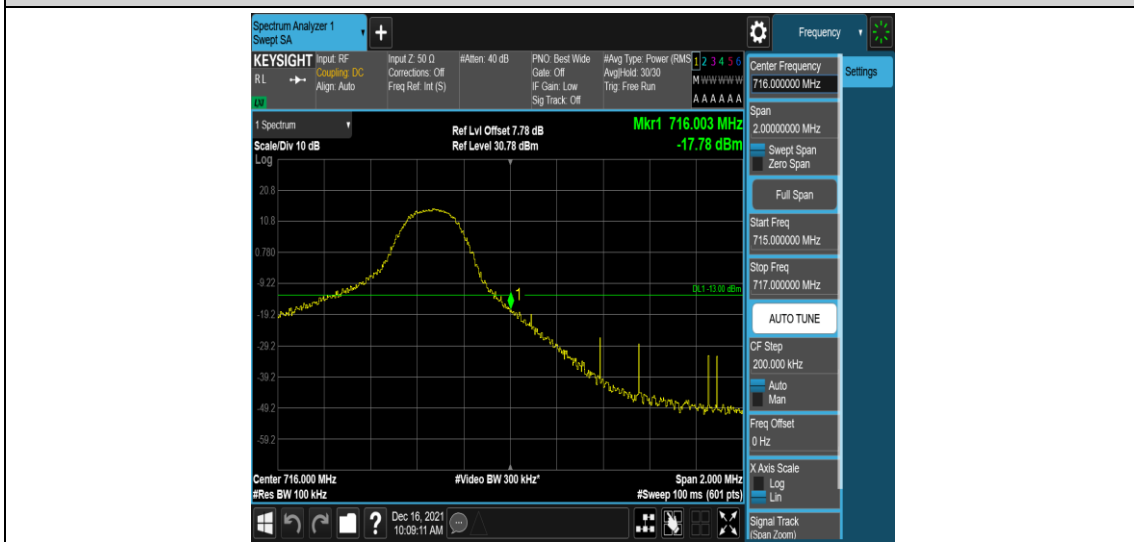
Band17-5MHz-16QAM-23755-1RB#24



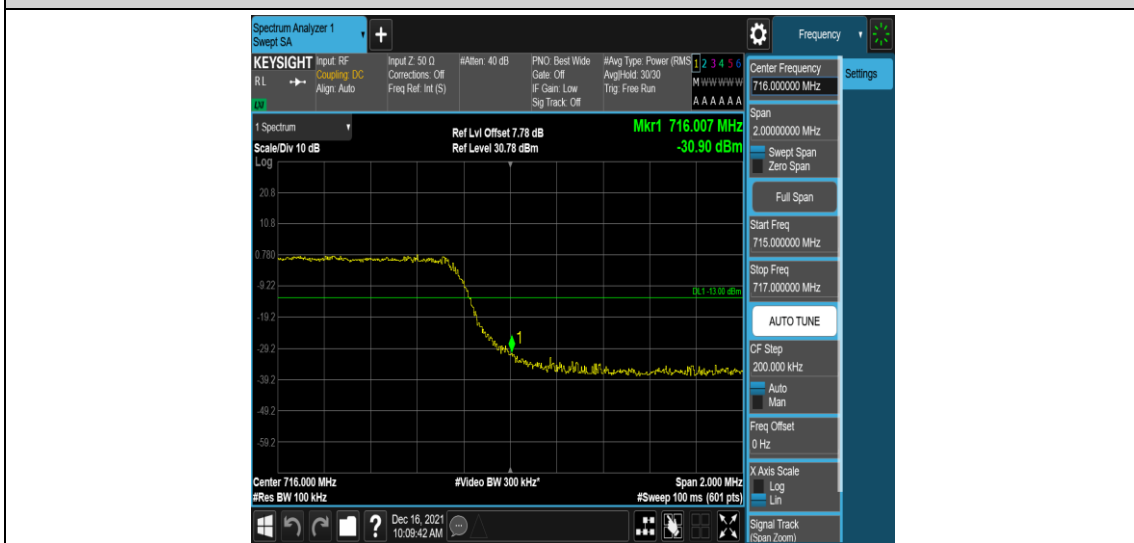
Band17-5MHz-16QAM-23755-25RB#0



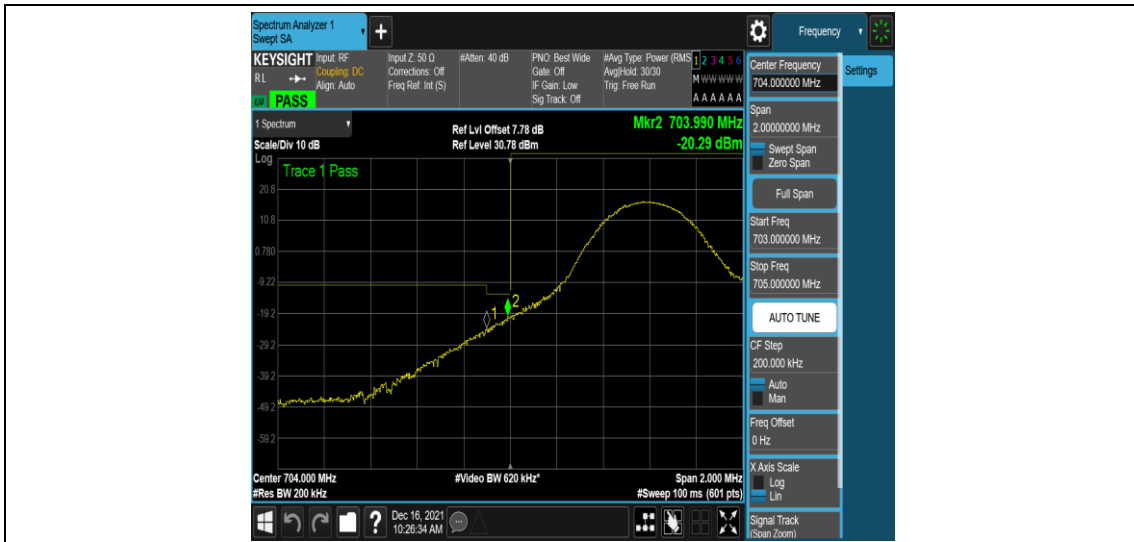
Band17-5MHz-16QAM-23825-1RB#0



Band17-5MHz-16QAM-23825-1RB#24



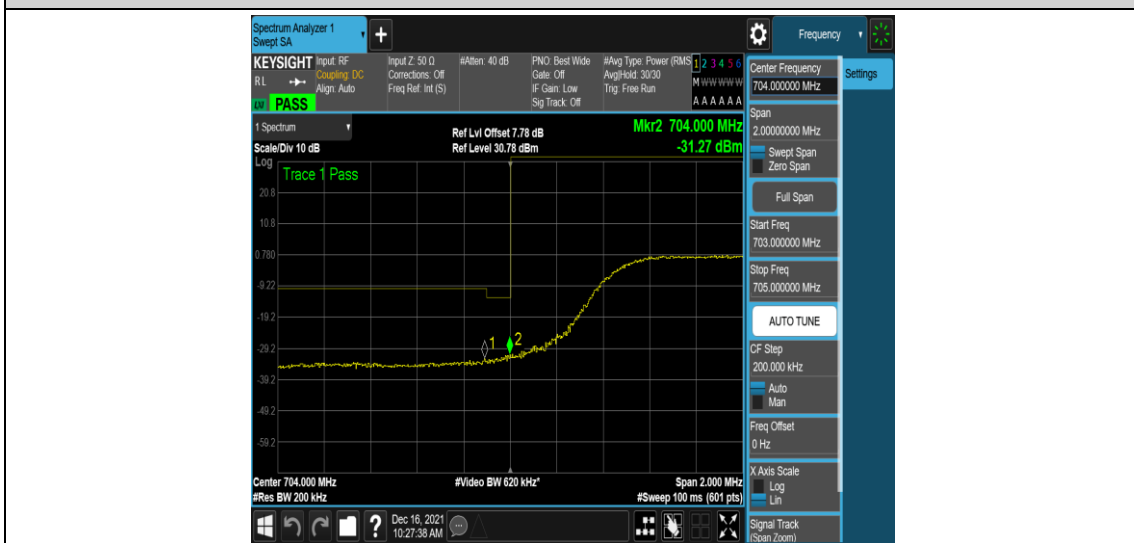
Band17-5MHz-16QAM-23825-25RB#0



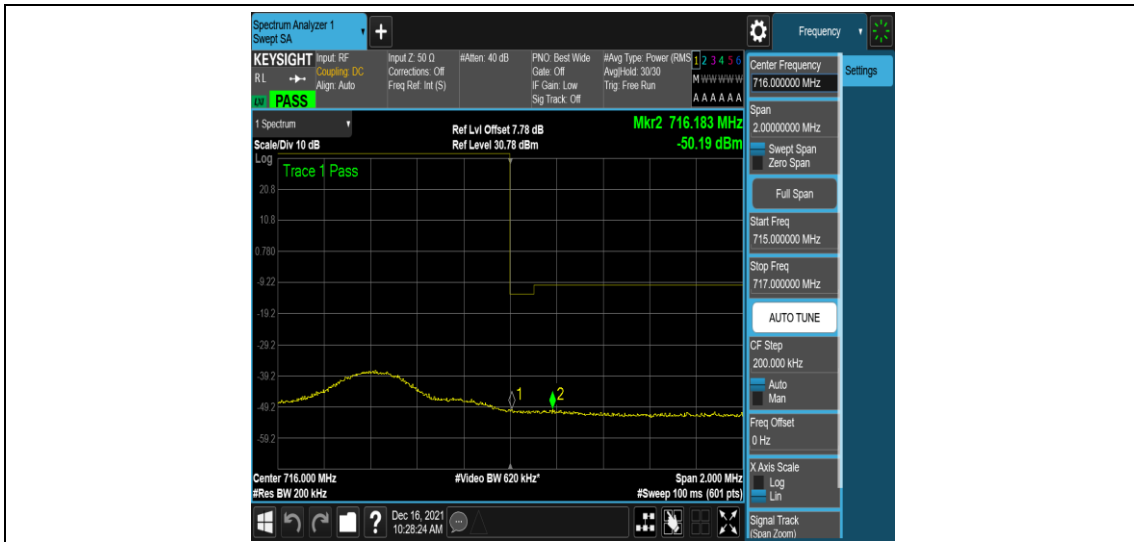
Band17-10MHz-QPSK-23780-1RB#0



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



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



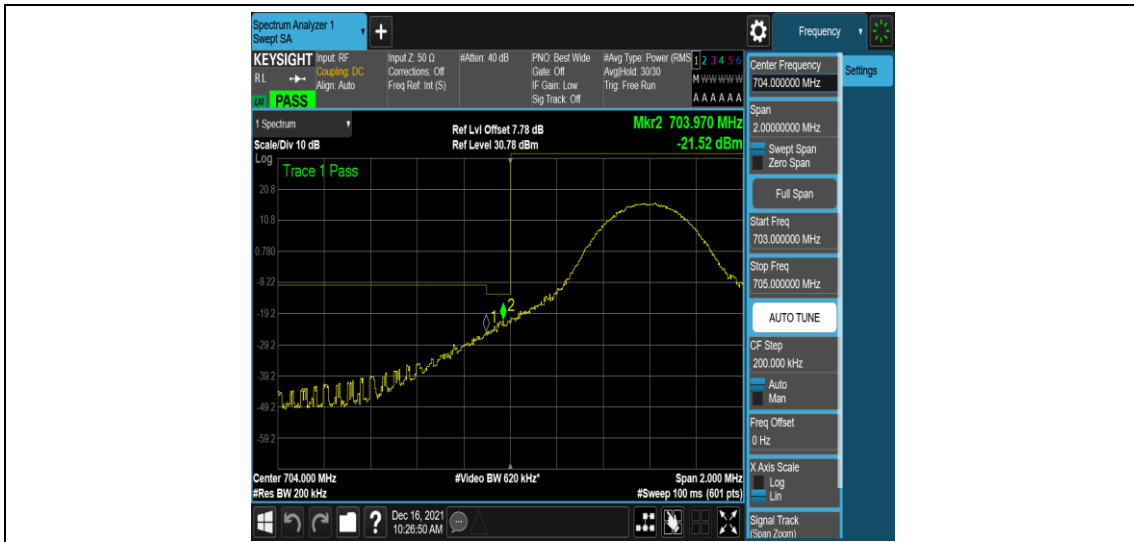
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Band17-10MHz-QPSK-23800-50RB#0



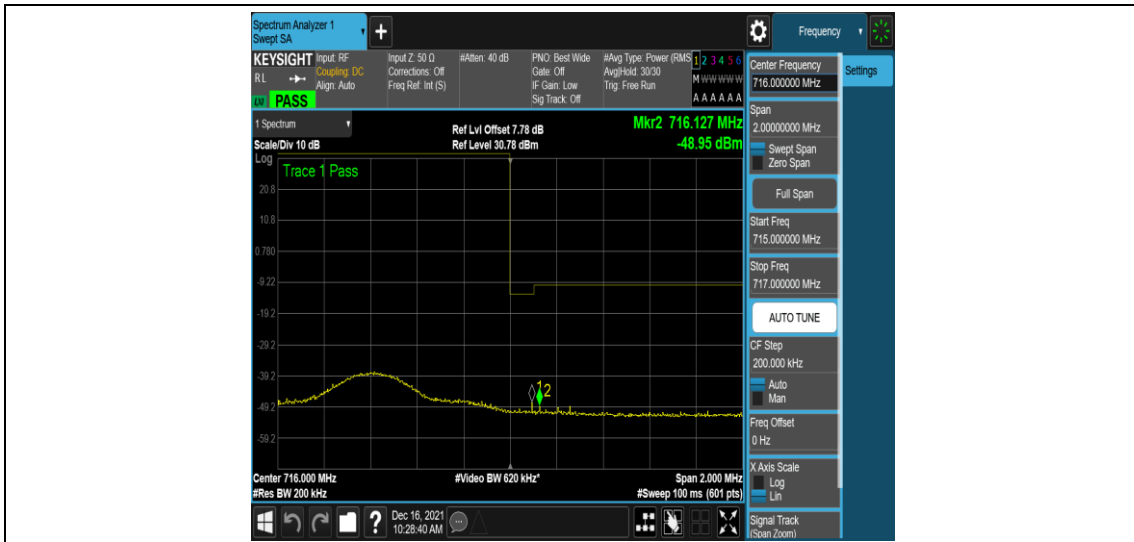
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