

Appendix_H

RF Test Data for LTE_Band17 Conducted Measurement

FCC ID:2A7DX-FLAT1

Product Name:Smart phone

Test Model:FLAT 1C

Environmental Conditions

Temperature:	21℃
Relative Humidity:	51%
ATM Pressure:	101Kpa
Test Engineer:	Simba Huang
Supervised by:	Seal Chen

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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	E.R.P. (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	23.33	19.6	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.30	19.57	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.60	19.87	PASS
Band17	5MHz	QPSK	23755	12RB#0	21.45	17.72	PASS
Band17	5MHz	QPSK	23755	12RB#6	21.43	17.7	PASS
Band17	5MHz	QPSK	23755	12RB#13	21.45	17.72	PASS
Band17	5MHz	QPSK	23755	25RB#0	21.40	17.67	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.36	19.63	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.34	19.61	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.31	19.58	PASS
Band17	5MHz	QPSK	23790	12RB#0	21.47	17.74	PASS
Band17	5MHz	QPSK	23790	12RB#6	21.34	17.61	PASS
Band17	5MHz	QPSK	23790	12RB#13	21.71	17.98	PASS
Band17	5MHz	QPSK	23790	25RB#0	21.39	17.66	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.54	19.81	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.48	19.75	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.51	19.78	PASS
Band17	5MHz	QPSK	23825	12RB#0	21.59	17.86	PASS
Band17	5MHz	QPSK	23825	12RB#6	21.63	17.9	PASS
Band17	5MHz	QPSK	23825	12RB#13	21.63	17.9	PASS
Band17	5MHz	QPSK	23825	25RB#0	21.44	17.71	PASS
Band17	5MHz	16QAM	23755	1RB#0	21.58	17.85	PASS
Band17	5MHz	16QAM	23755	1RB#12	21.77	18.04	PASS
Band17	5MHz	16QAM	23755	1RB#24	21.73	18	PASS
Band17	5MHz	16QAM	23755	12RB#0	21.30	17.57	PASS
Band17	5MHz	16QAM	23755	12RB#6	21.30	17.57	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.25	17.52	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.44	17.71	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.52	18.79	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.65	18.92	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.63	18.9	PASS

Band17	5MHz	16QAM	23790	12RB#0	21.21	17.48	PASS
Band17	5MHz	16QAM	23790	12RB#6	21.40	17.67	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.63	17.9	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.44	17.71	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.19	18.46	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.48	18.75	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.03	18.3	PASS
Band17	5MHz	16QAM	23825	12RB#0	21.44	17.71	PASS
Band17	5MHz	16QAM	23825	12RB#6	21.45	17.72	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.35	17.62	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.49	17.76	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.32	19.59	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.41	19.68	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.47	19.74	PASS
Band17	10MHz	QPSK	23780	25RB#0	21.20	17.47	PASS
Band17	10MHz	QPSK	23780	25RB#12	21.23	17.5	PASS
Band17	10MHz	QPSK	23780	25RB#25	21.57	17.84	PASS
Band17	10MHz	QPSK	23780	50RB#0	21.13	17.4	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.34	19.61	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.52	19.79	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.44	19.71	PASS
Band17	10MHz	QPSK	23790	25RB#0	21.29	17.56	PASS
Band17	10MHz	QPSK	23790	25RB#12	21.27	17.54	PASS
Band17	10MHz	QPSK	23790	25RB#25	21.60	17.87	PASS
Band17	10MHz	QPSK	23790	50RB#0	21.38	17.65	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.47	19.74	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.48	19.75	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.60	19.87	PASS
Band17	10MHz	QPSK	23800	25RB#0	21.13	17.4	PASS
Band17	10MHz	QPSK	23800	25RB#12	21.15	17.42	PASS
Band17	10MHz	QPSK	23800	25RB#25	21.47	17.74	PASS
Band17	10MHz	QPSK	23800	50RB#0	21.42	17.69	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.13	18.4	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.37	18.64	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.07	18.34	PASS
Band17	10MHz	16QAM	23780	25RB#0	21.24	17.51	PASS
Band17	10MHz	16QAM	23780	25RB#12	21.25	17.52	PASS

Band17	10MHz	16QAM	23780	25RB#25	21.41	17.68	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.32	17.59	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.05	18.32	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.07	18.34	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.20	18.47	PASS
Band17	10MHz	16QAM	23790	25RB#0	21.32	17.59	PASS
Band17	10MHz	16QAM	23790	25RB#12	21.49	17.76	PASS
Band17	10MHz	16QAM	23790	25RB#25	21.82	18.09	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.37	17.64	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.85	19.12	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.28	18.55	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.28	18.55	PASS
Band17	10MHz	16QAM	23800	25RB#0	21.38	17.65	PASS
Band17	10MHz	16QAM	23800	25RB#12	21.43	17.7	PASS
Band17	10MHz	16QAM	23800	25RB#25	21.66	17.93	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.44	17.71	PASS

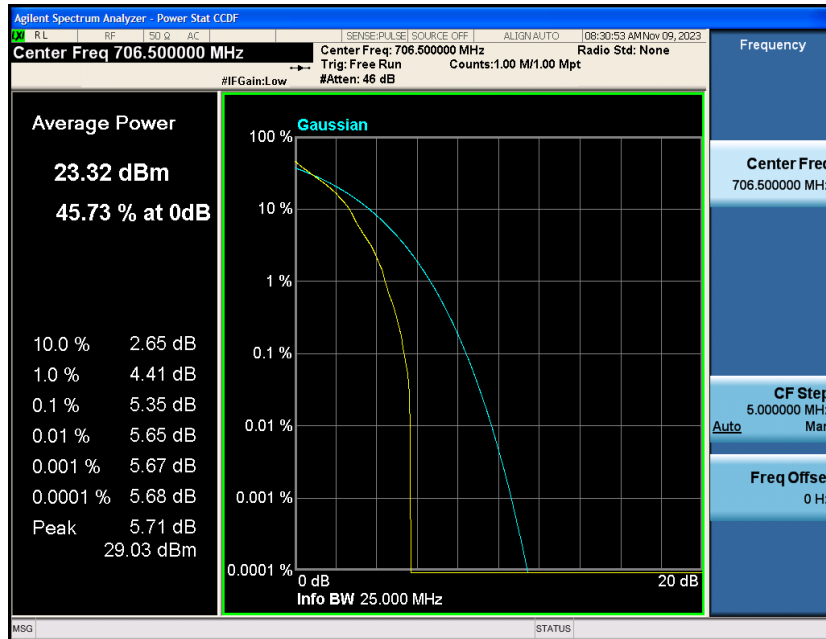
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

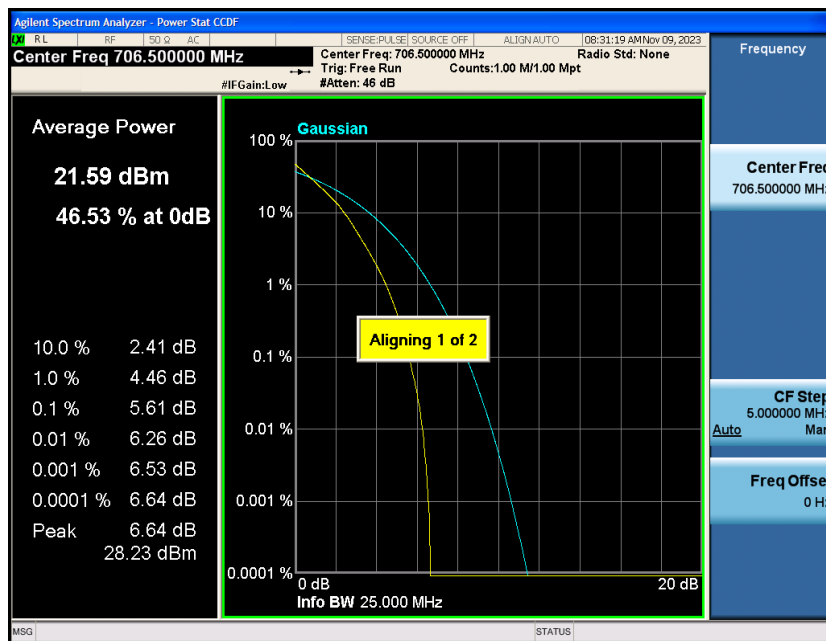
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	5.35	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	5.61	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	4.64	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.50	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	4.42	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.54	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	6.17	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.18	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	5.55	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.00	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	5.26	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	6.04	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	5.02	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	6.20	13	PASS

Test Graphs

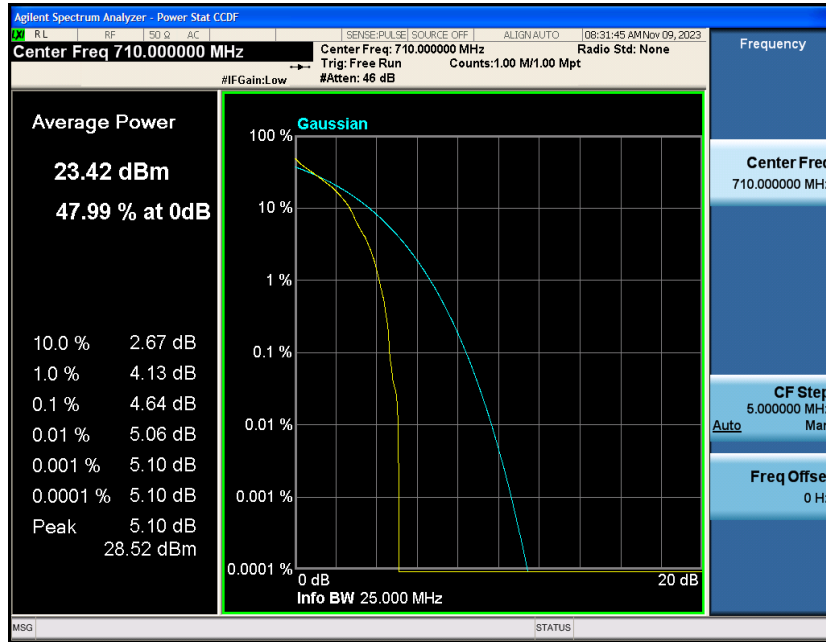
Band17-5MHz-QPSK-23755-1RB#0



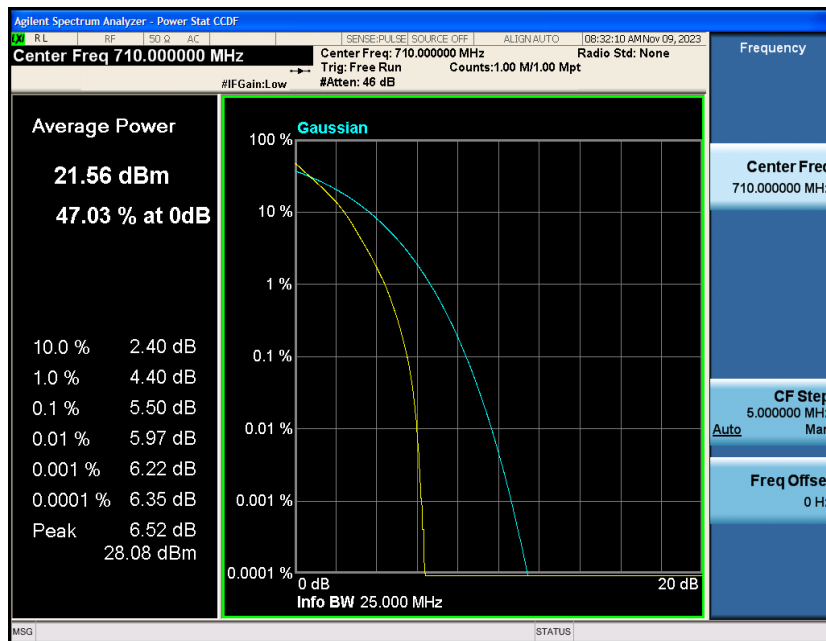
Band17-5MHz-QPSK-23755-25RB#0



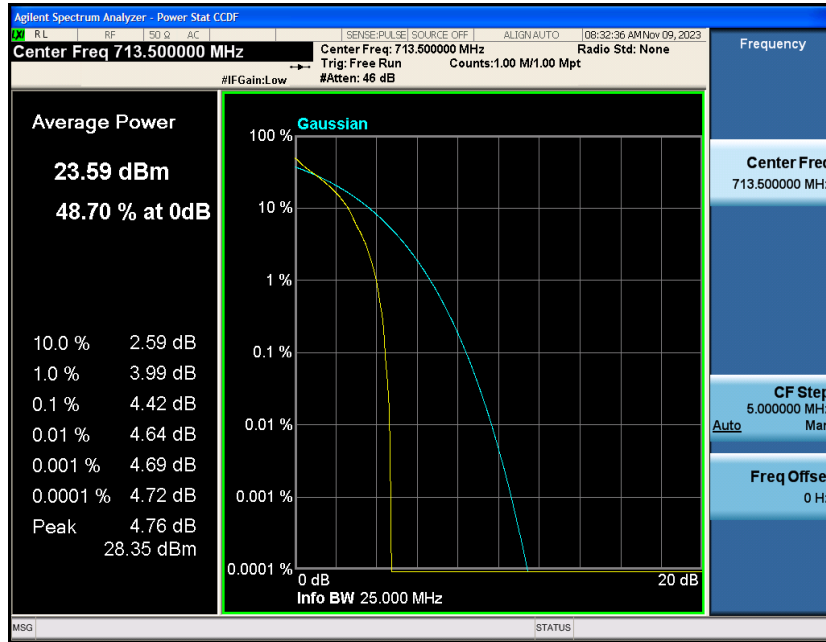
Band17-5MHz-QPSK-23790-1RB#0



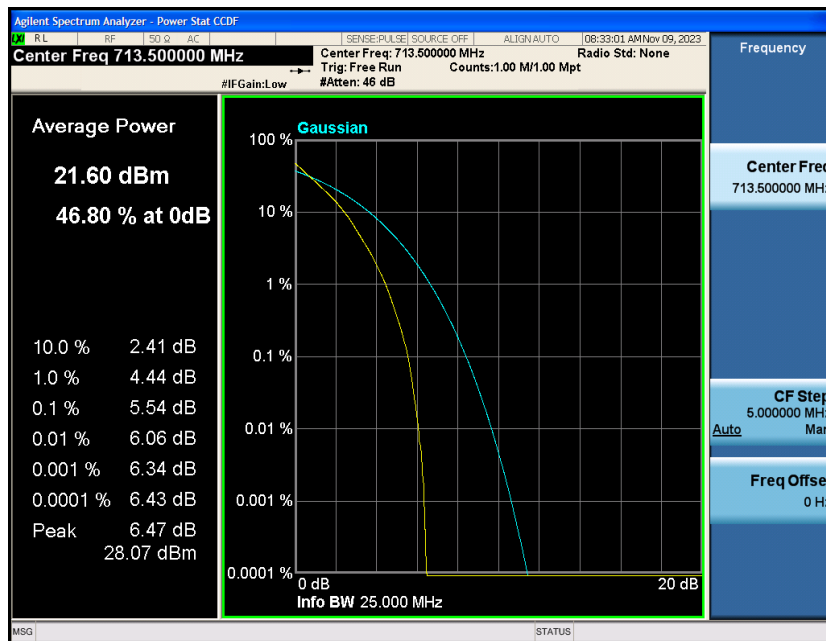
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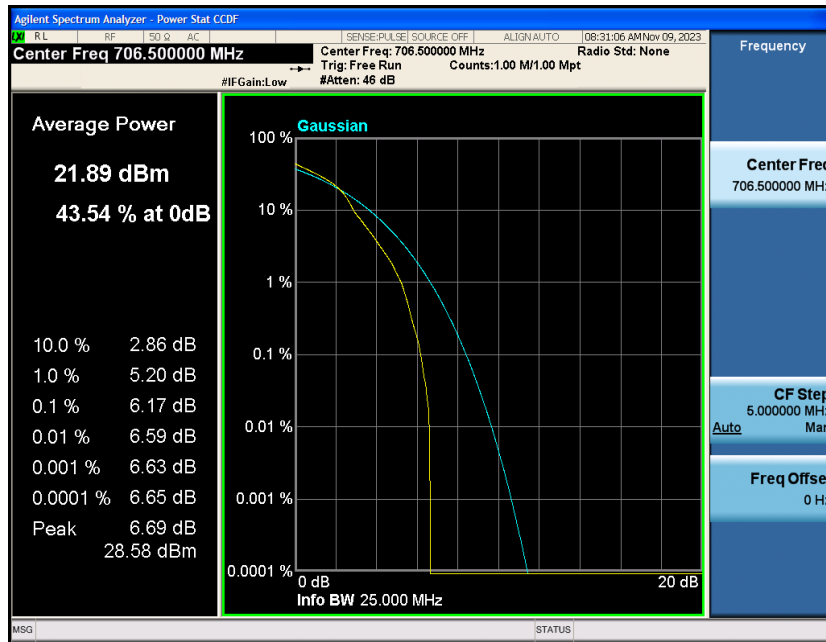
Band17-5MHz-QPSK-23825-1RB#0



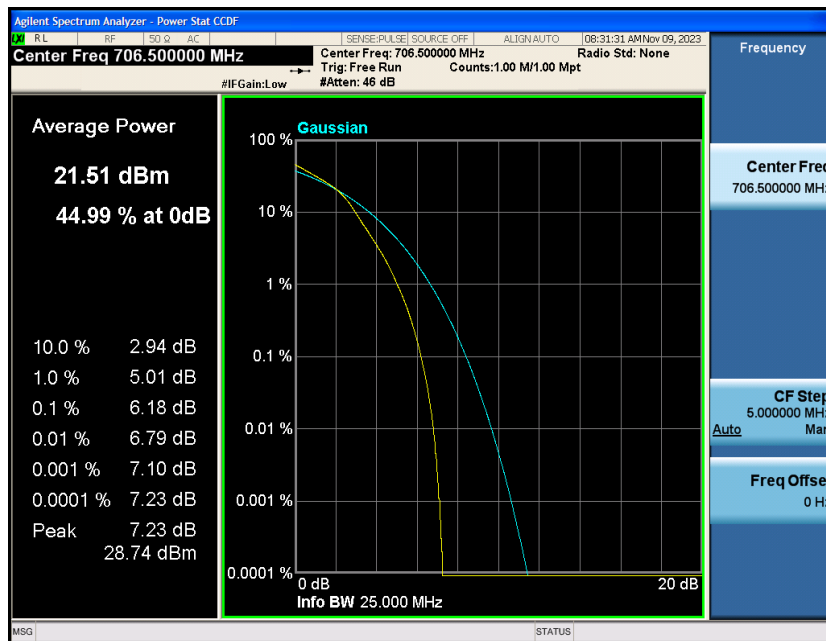
Band17-5MHz-QPSK-23825-25RB#0



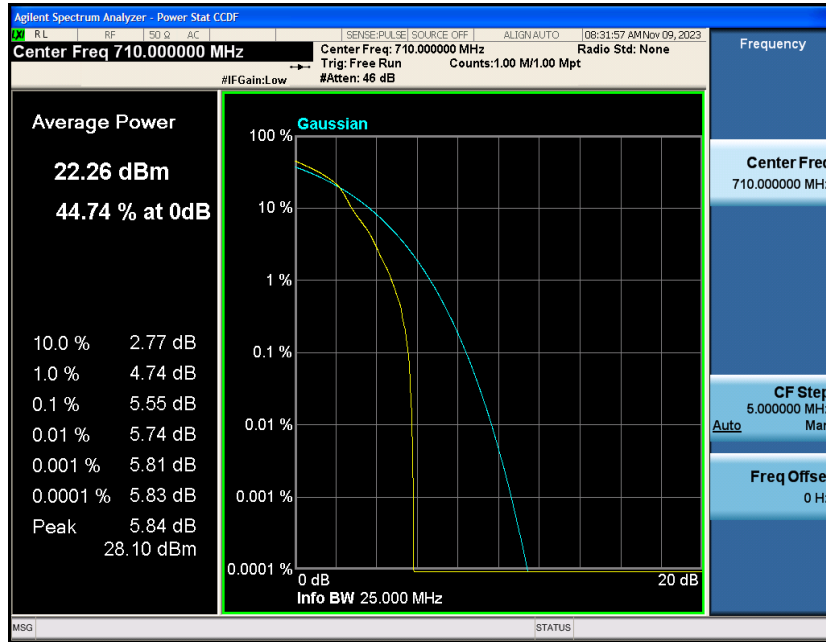
Band17-5MHz-16QAM-23755-1RB#0



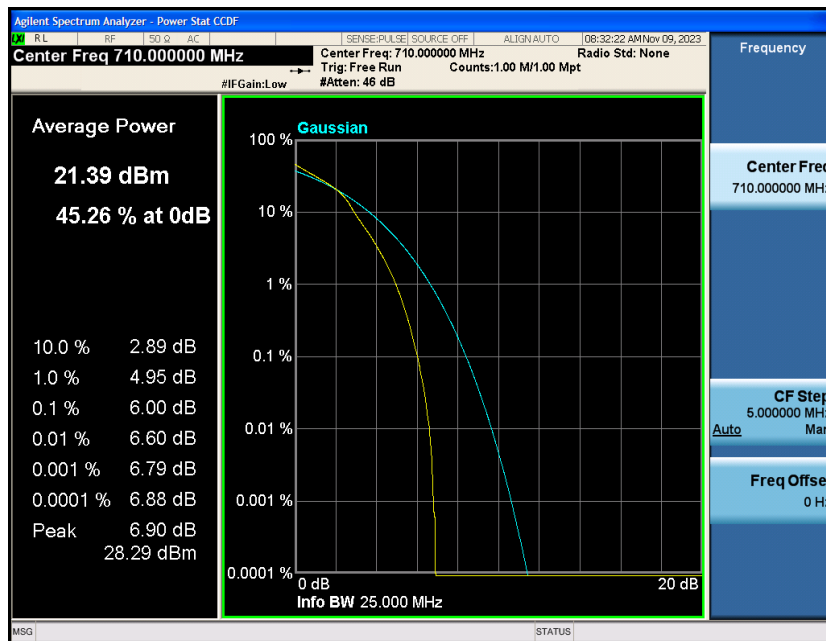
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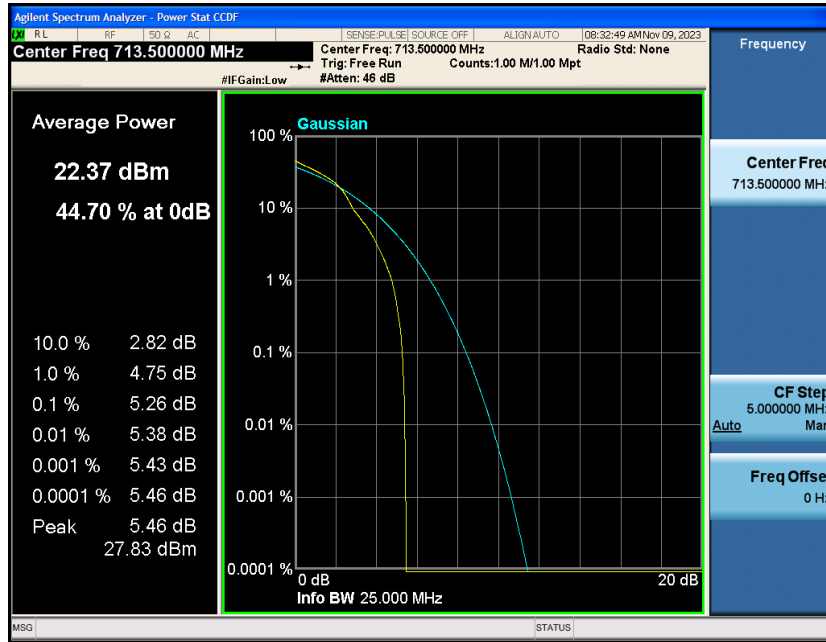
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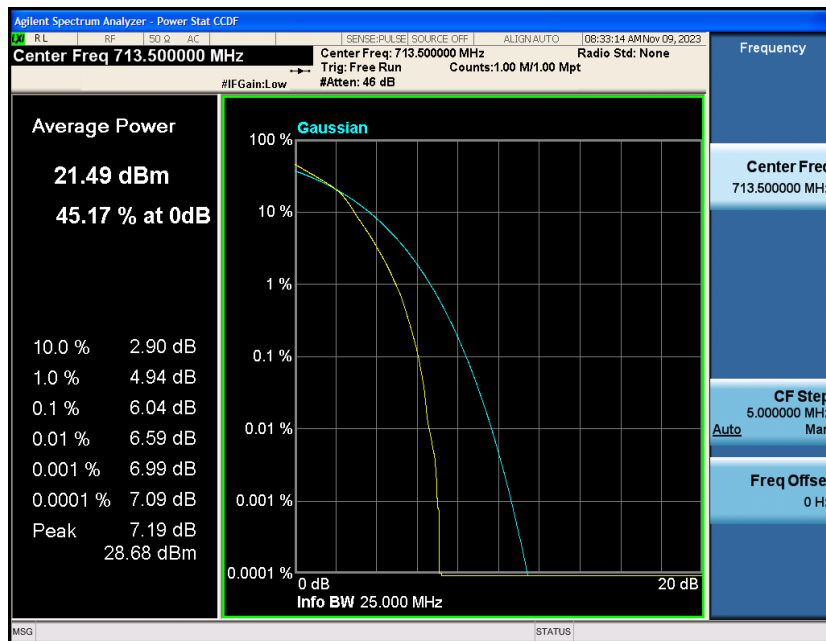
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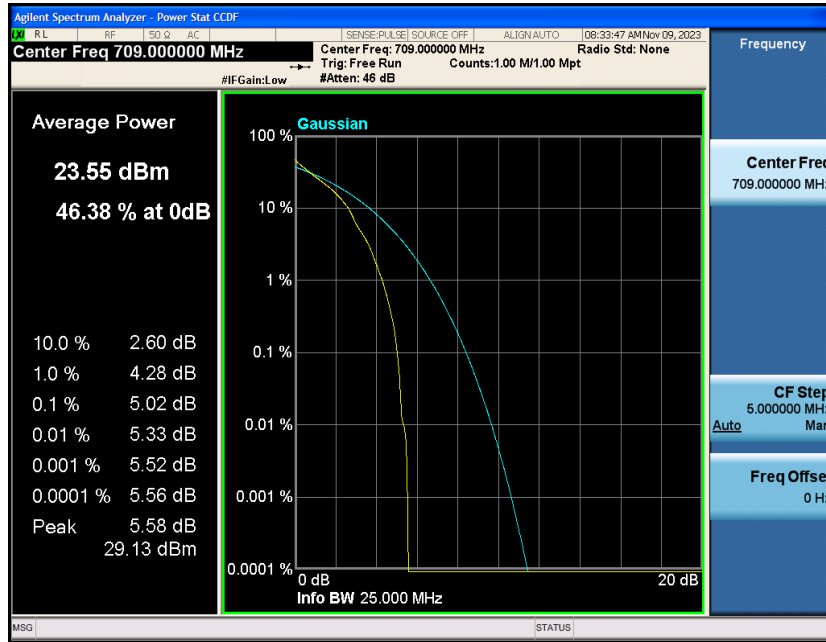
Band17-5MHz-16QAM-23825-1RB#0



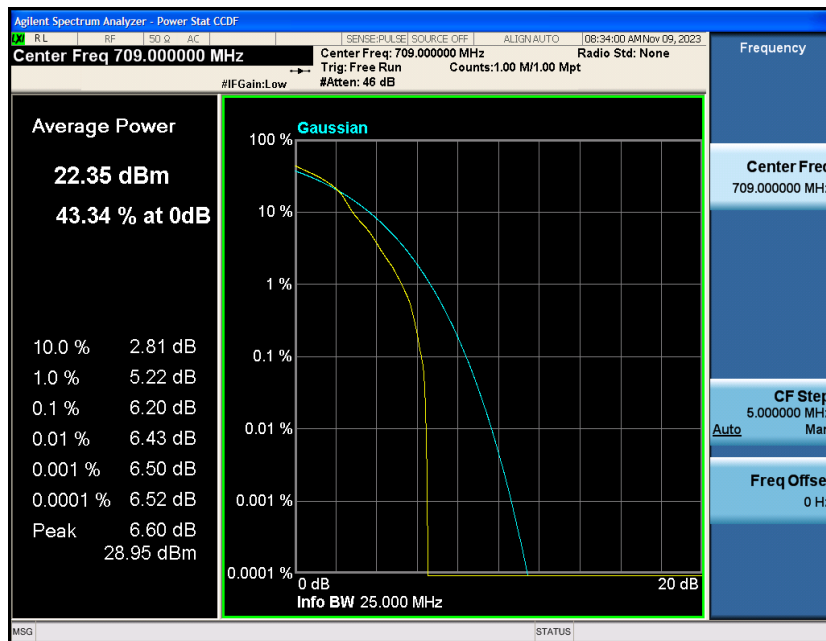
Band17-5MHz-16QAM-23825-25RB#0



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



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



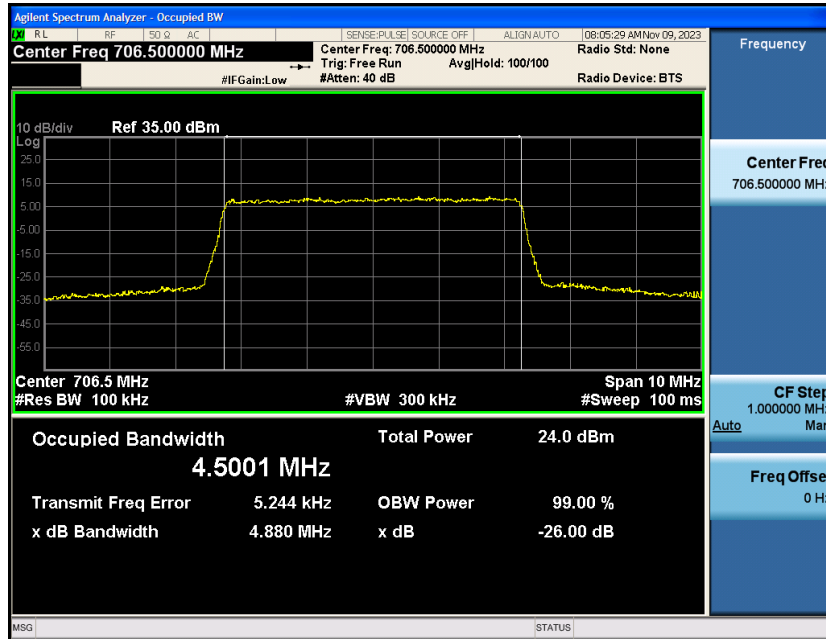
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

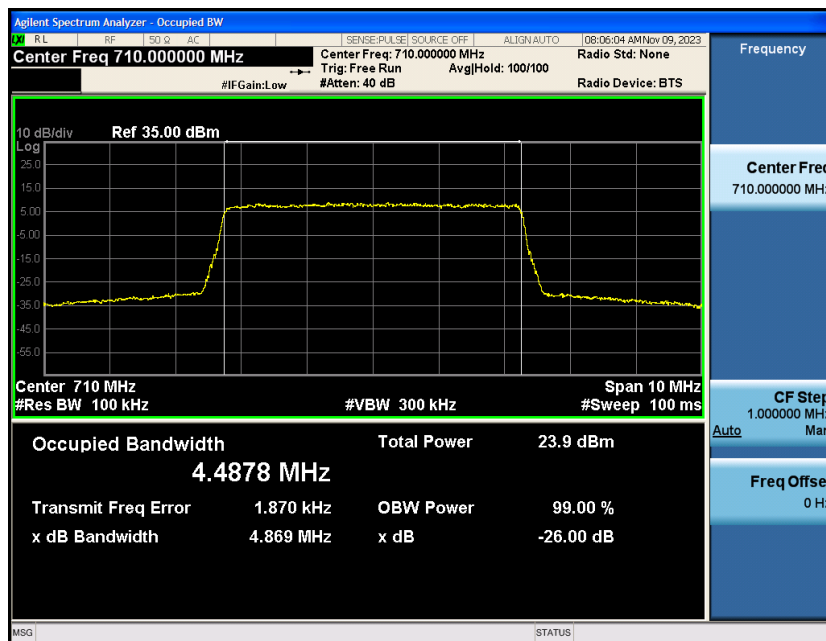
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5001	4.880	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.4878	4.869	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.4954	4.866	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.4998	4.855	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.4937	4.890	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5019	4.843	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9682	9.561	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9653	9.558	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9605	9.567	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9561	9.555	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9624	9.598	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9587	9.586	PASS

Test Graphs

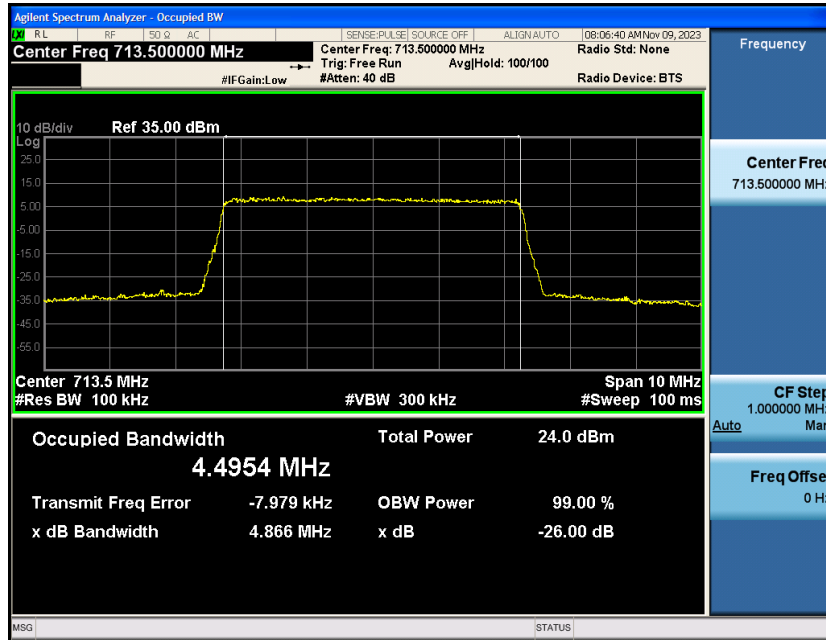
Band17-5MHz-QPSK-23755-25RB#0



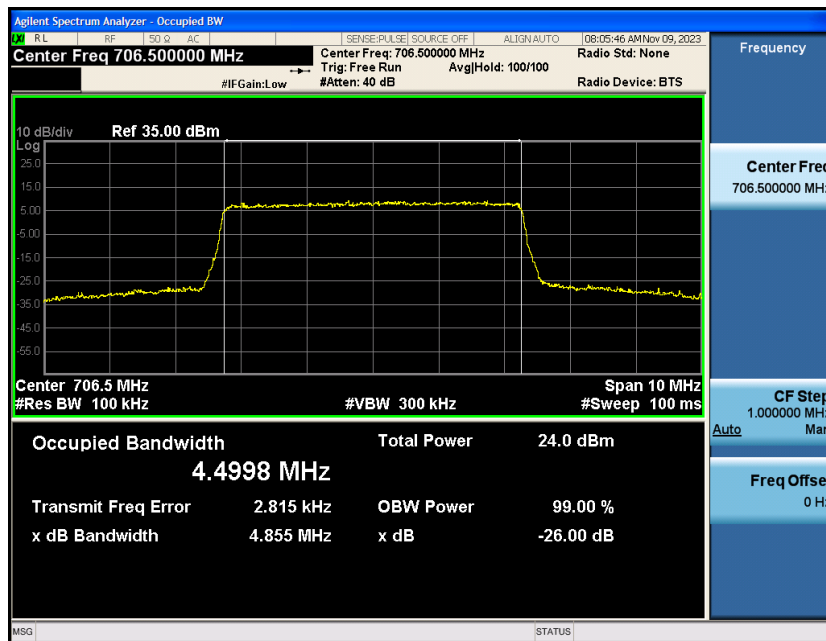
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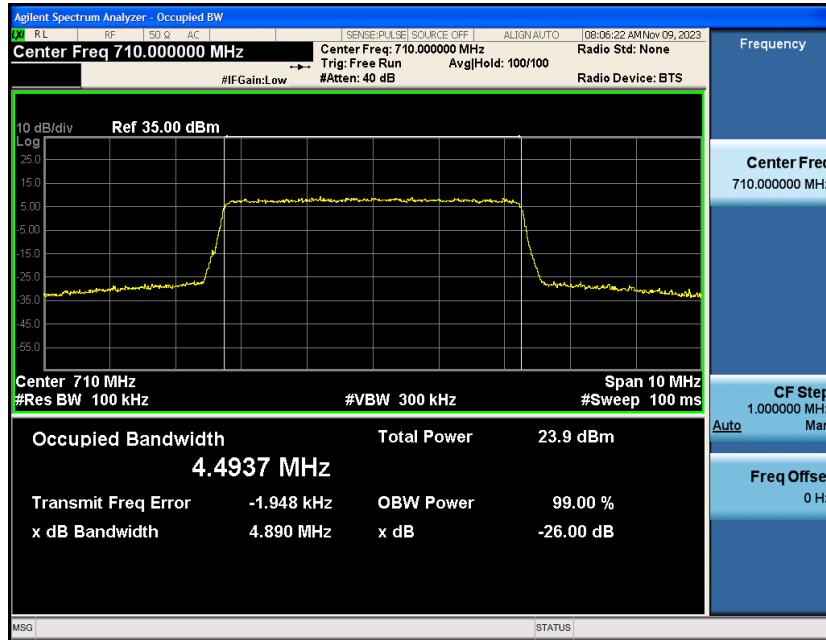
Band17-5MHz-QPSK-23825-25RB#0



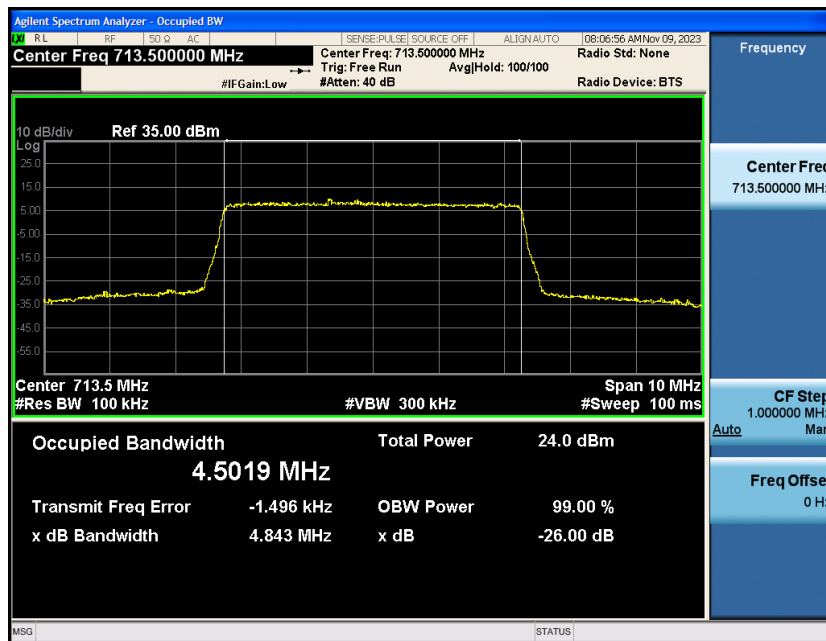
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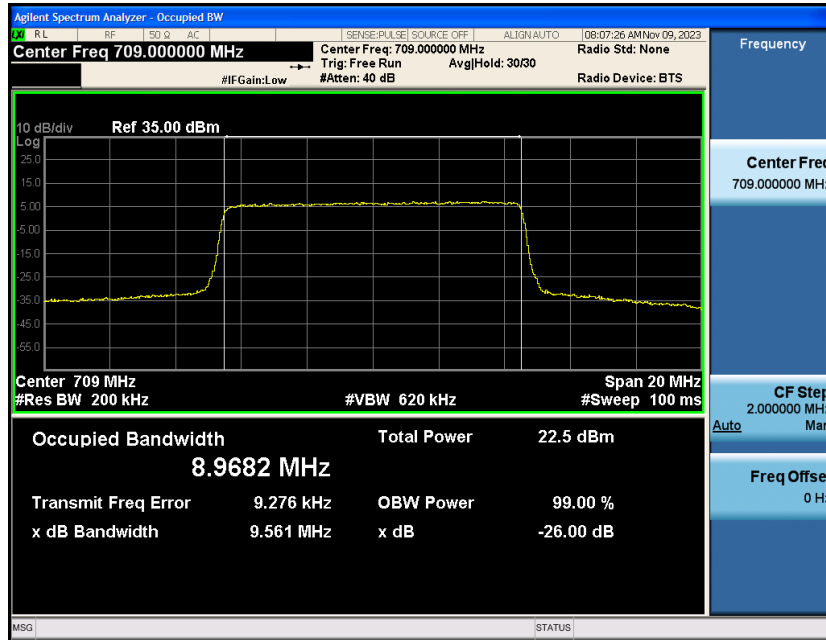
Band17-5MHz-16QAM-23790-25RB#0



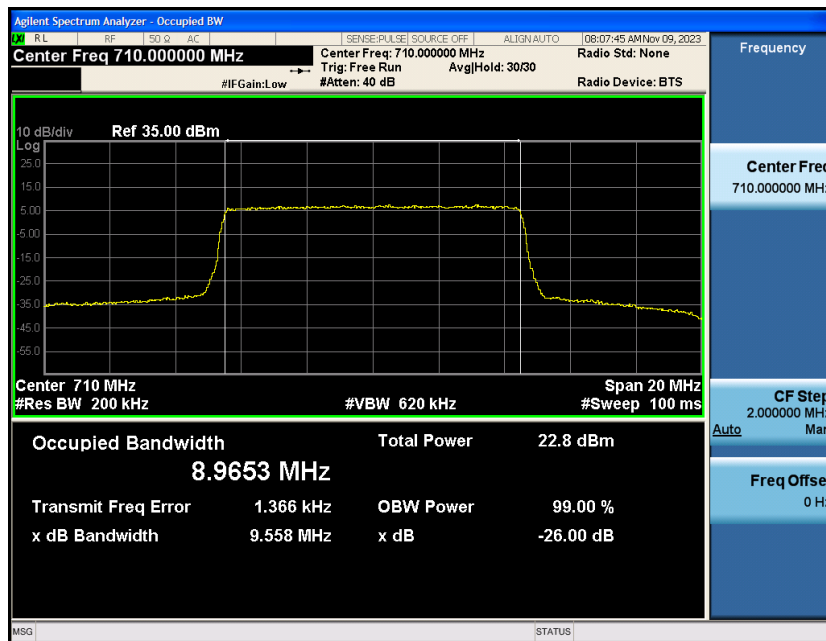
Band17-5MHz-16QAM-23825-25RB#0



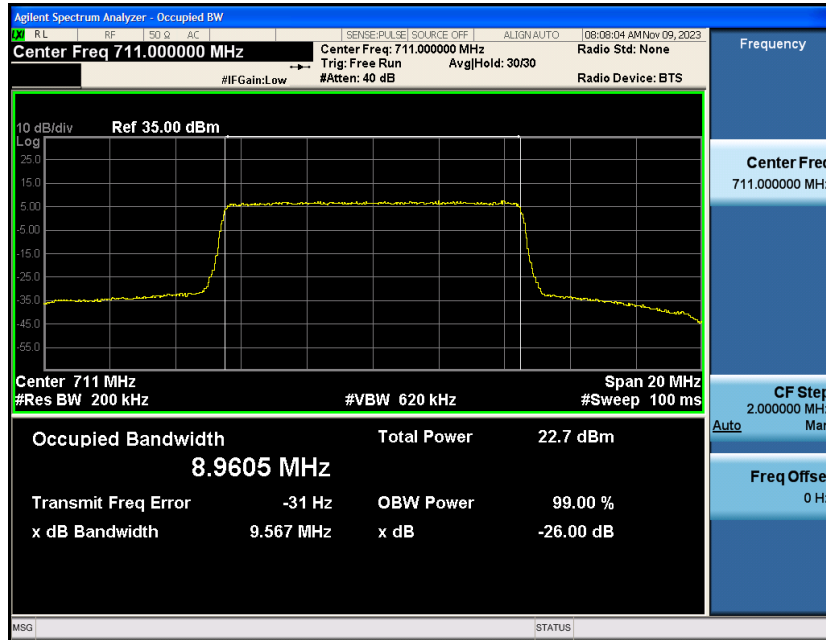
Band17-10MHz-QPSK-23780-50RB#0



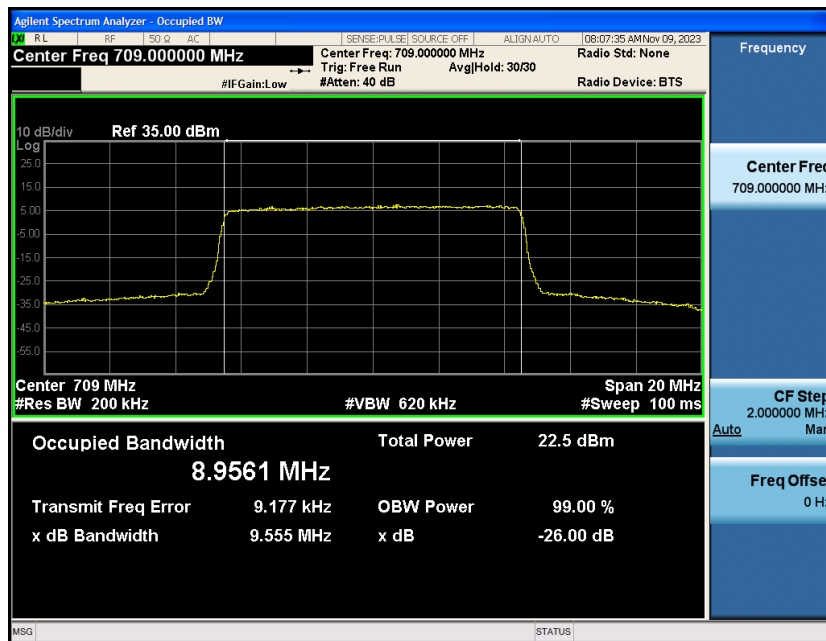
Band17-10MHz-QPSK-23790-50RB#0



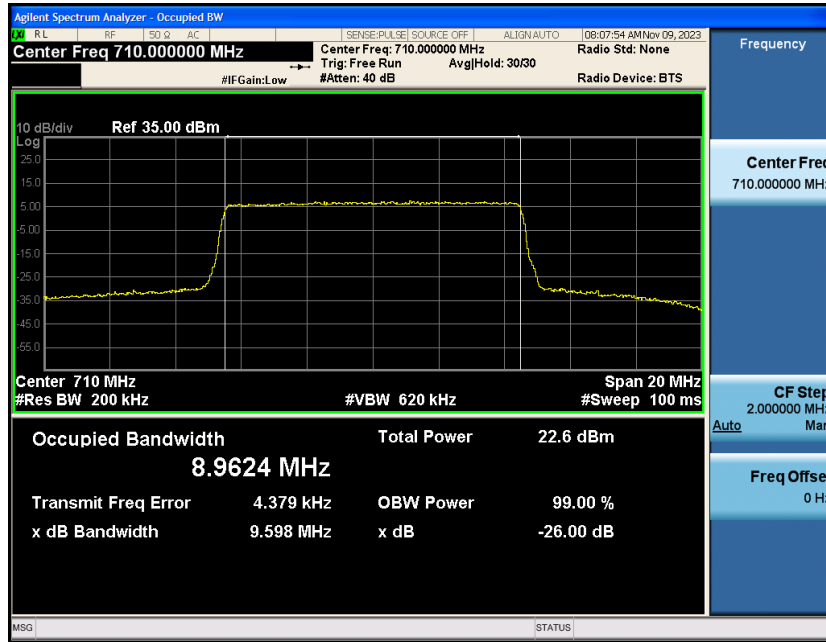
Band17-10MHz-QPSK-23800-50RB#0



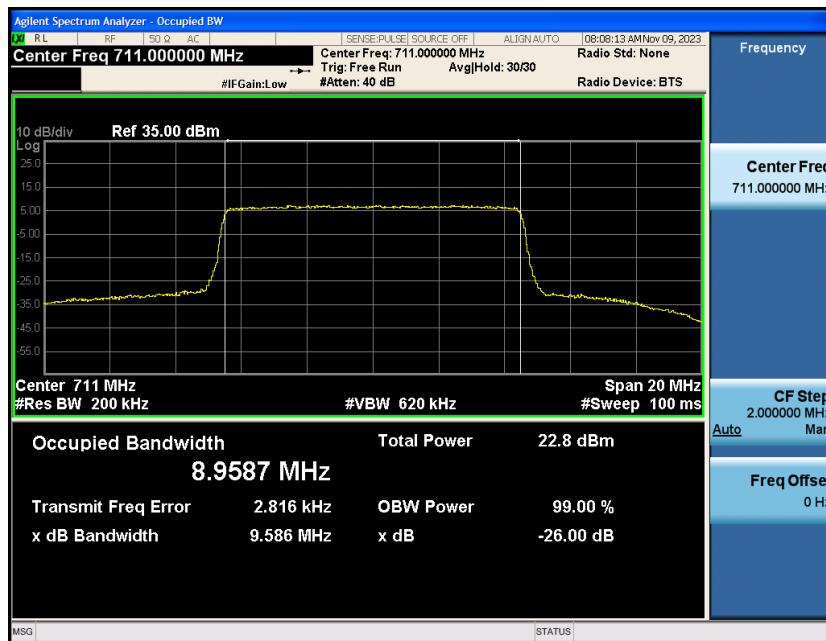
Band17-10MHz-16QAM-23780-50RB#0



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



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



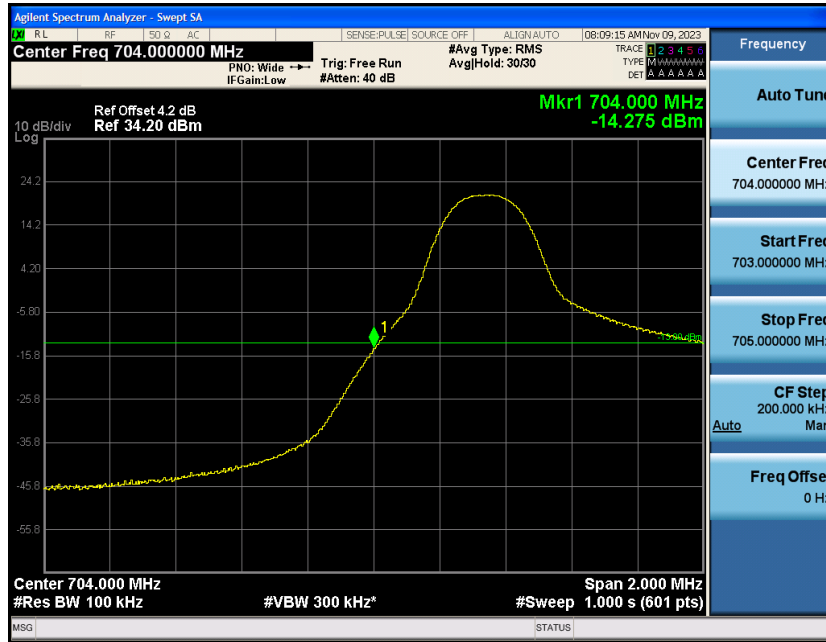
Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	-14.27	PASS
Band17	5MHz	QPSK	23755	1RB#24	-33.94	PASS
Band17	5MHz	QPSK	23755	25RB#0	-26.62	PASS
Band17	5MHz	QPSK	23825	1RB#0	-33.41	PASS
Band17	5MHz	QPSK	23825	1RB#24	-14.83	PASS
Band17	5MHz	QPSK	23825	25RB#0	-27.84	PASS
Band17	5MHz	16QAM	23755	1RB#0	-15.77	PASS
Band17	5MHz	16QAM	23755	1RB#24	-34.93	PASS
Band17	5MHz	16QAM	23755	25RB#0	-26.22	PASS
Band17	5MHz	16QAM	23825	1RB#0	-35.31	PASS
Band17	5MHz	16QAM	23825	1RB#24	-15.93	PASS
Band17	5MHz	16QAM	23825	25RB#0	-27.00	PASS
Band17	10MHz	QPSK	23780	1RB#0	-23.28,-17.32	PASS
Band17	10MHz	QPSK	23780	1RB#49	-41.48,-36.67	PASS
Band17	10MHz	QPSK	23780	50RB#0	-31.37,-29.60	PASS
Band17	10MHz	QPSK	23800	1RB#0	-36.83,-41.43	PASS
Band17	10MHz	QPSK	23800	1RB#49	-17.19,-23.26	PASS
Band17	10MHz	QPSK	23800	50RB#0	-29.28,-32.12	PASS
Band17	10MHz	16QAM	23780	1RB#0	-24.82,-18.71	PASS
Band17	10MHz	16QAM	23780	1RB#49	-41.68,-37.27	PASS
Band17	10MHz	16QAM	23780	50RB#0	-30.16,-28.47	PASS
Band17	10MHz	16QAM	23800	1RB#0	-37.79,-42.57	PASS
Band17	10MHz	16QAM	23800	1RB#49	-18.10,-24.17	PASS
Band17	10MHz	16QAM	23800	50RB#0	-28.26,-30.49	PASS

Test Graphs

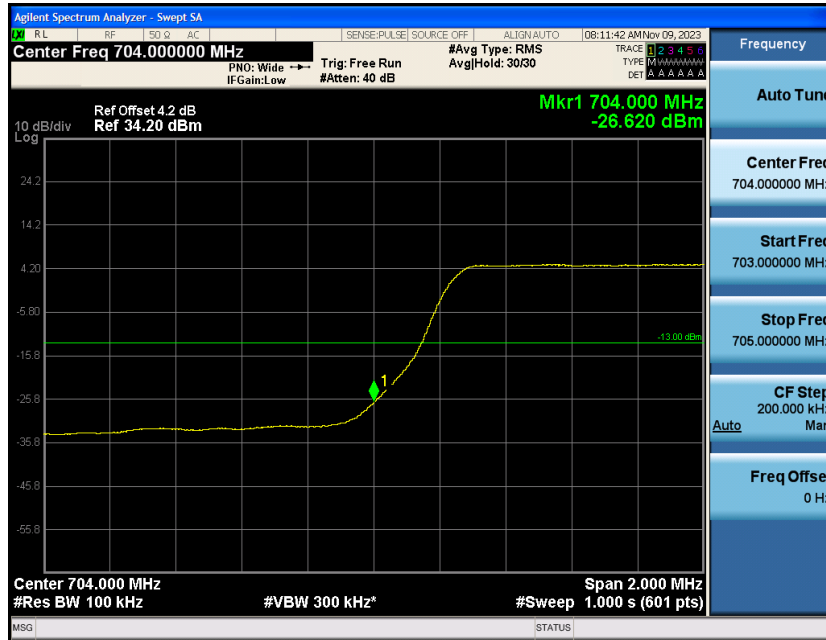
Band17-5MHz-QPSK-23755-1RB#0



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



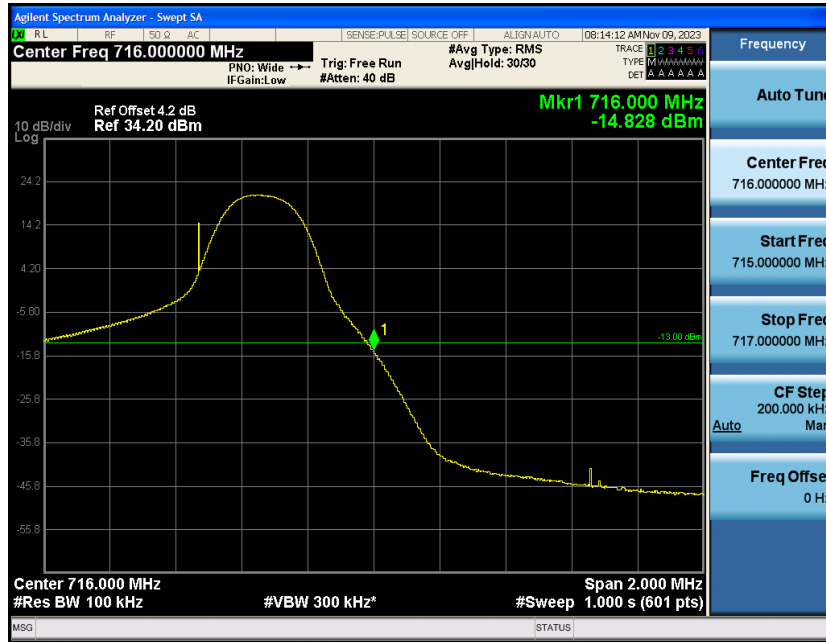
Band17-5MHz-QPSK-23755-25RB#0



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



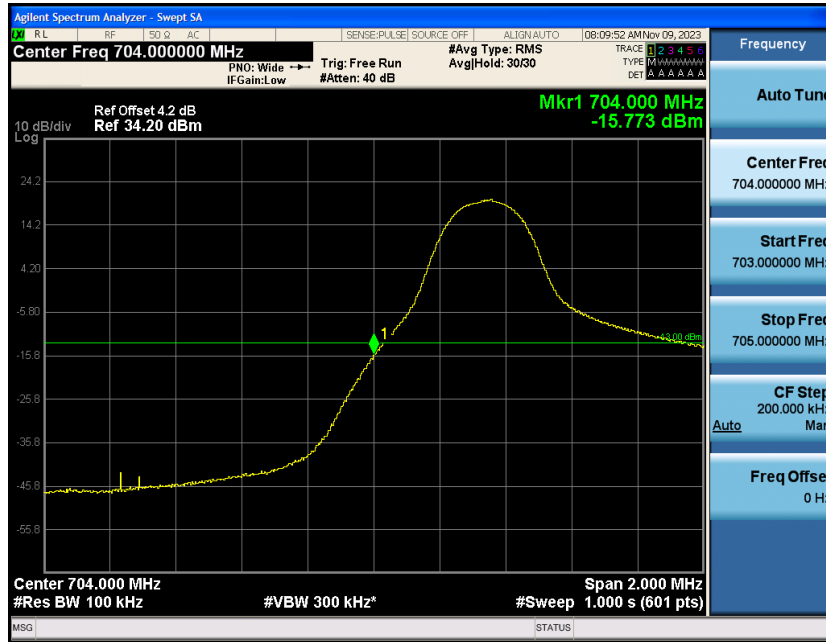
Band17-5MHz-QPSK-23825-1RB#24



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



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



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



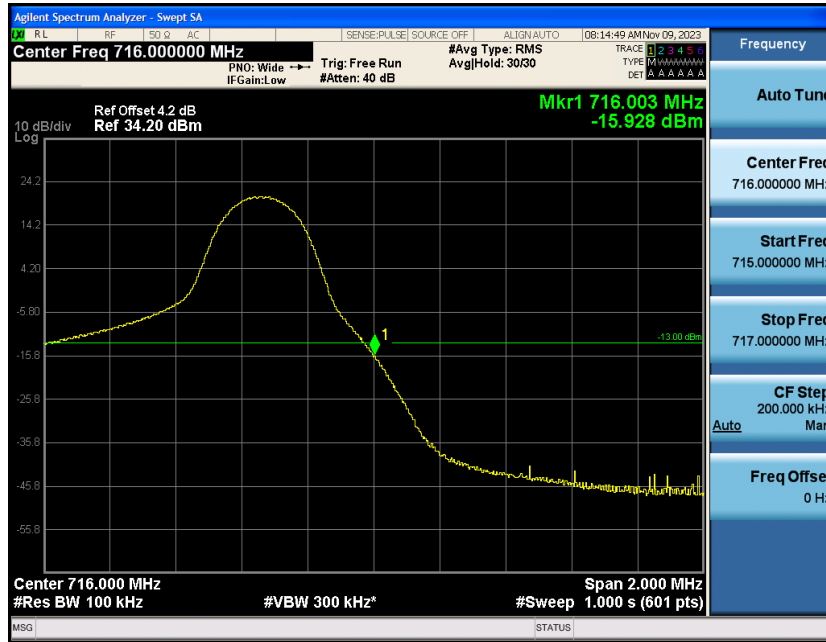
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Band17-5MHz-16QAM-23825-1RB#0



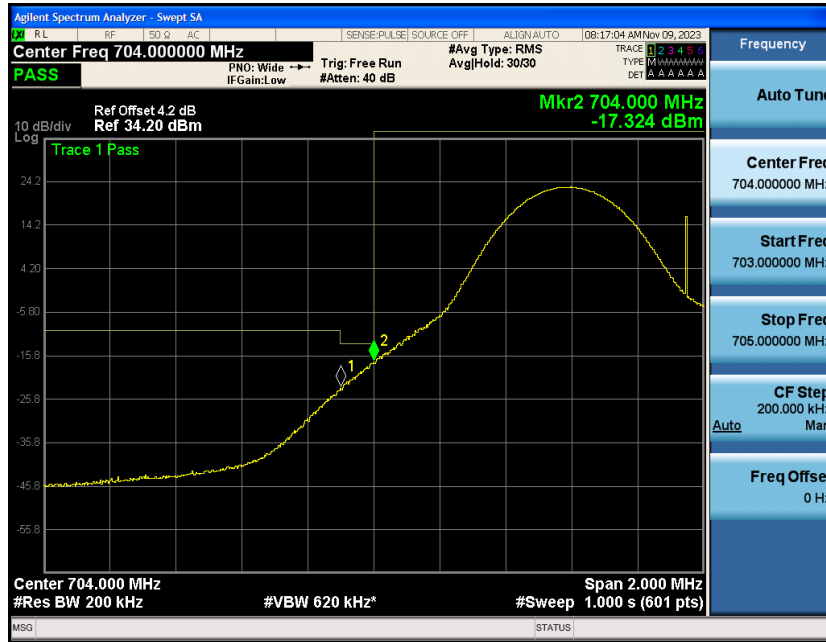
Band17-5MHz-16QAM-23825-1RB#24



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



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



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



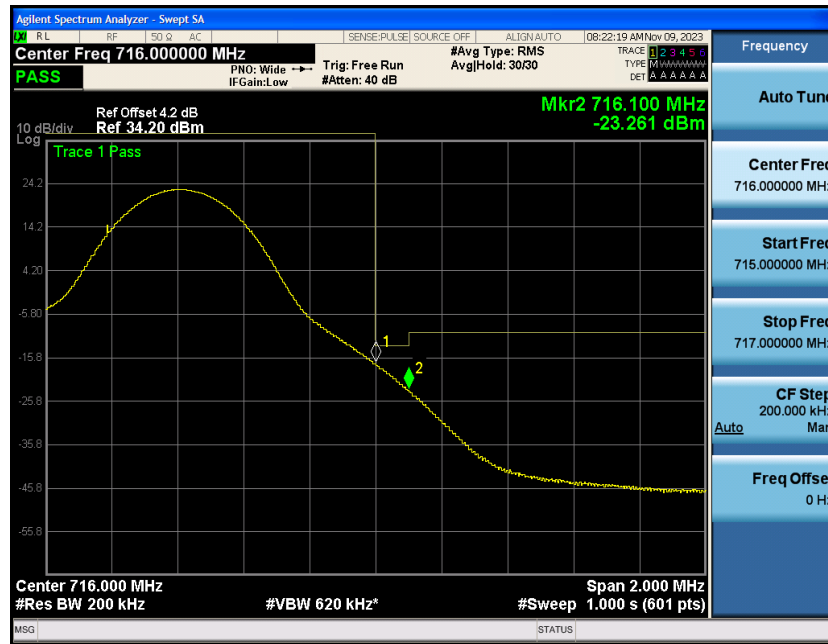
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Band17-10MHz-QPSK-23800-1RB#0



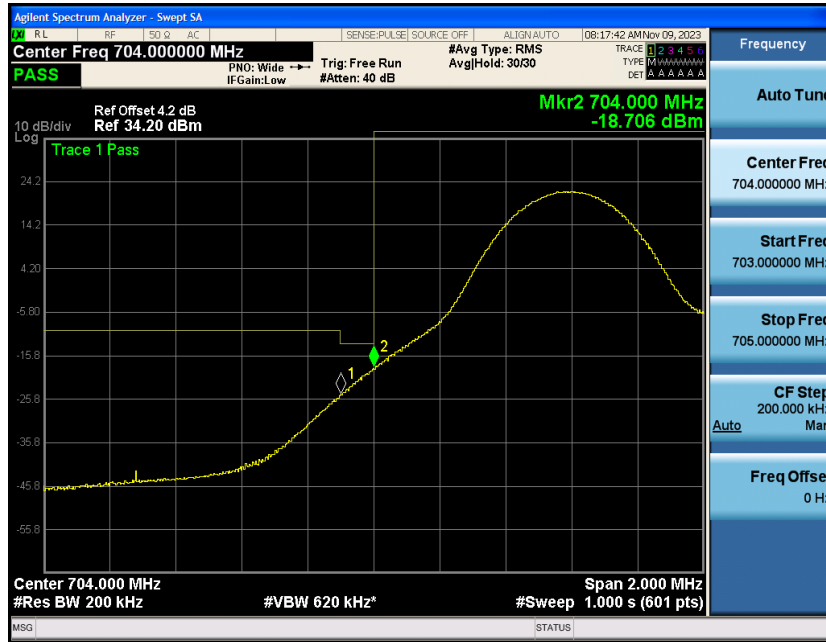
Band17-10MHz-QPSK-23800-1RB#49



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



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



Band17-10MHz-16QAM-23780-1RB#49



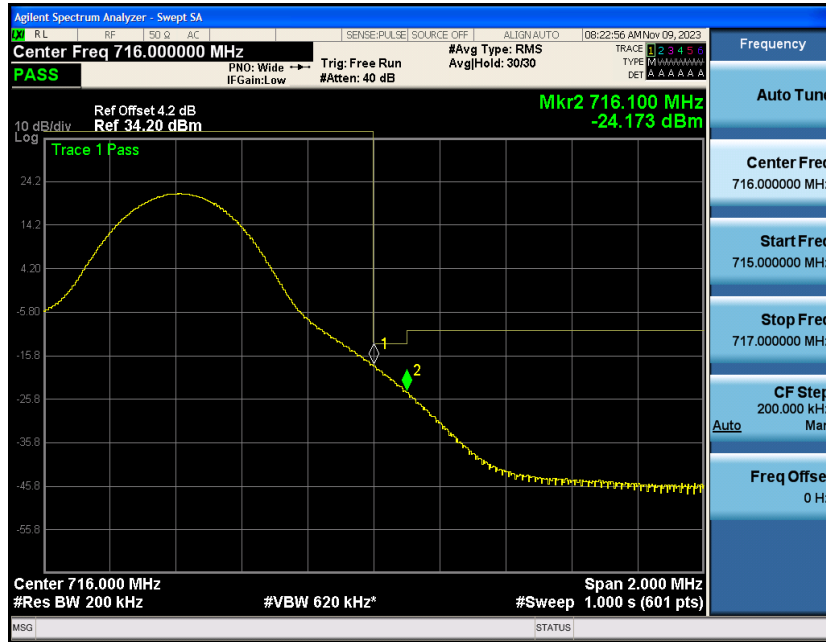
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Band17-10MHz-16QAM-23800-1RB#0



Band17-10MHz-16QAM-23800-1RB#49



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



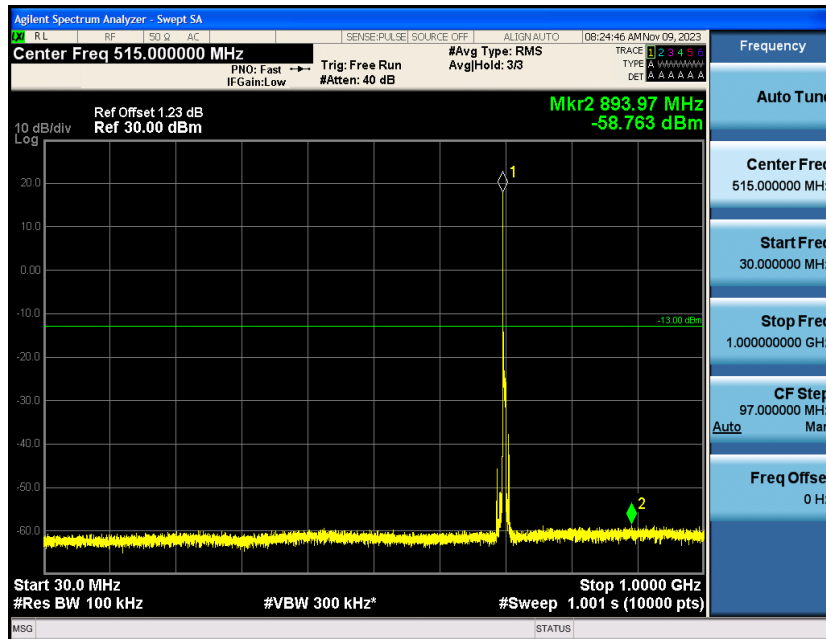
Appendix E: Conducted Spurious Emission

Test Result

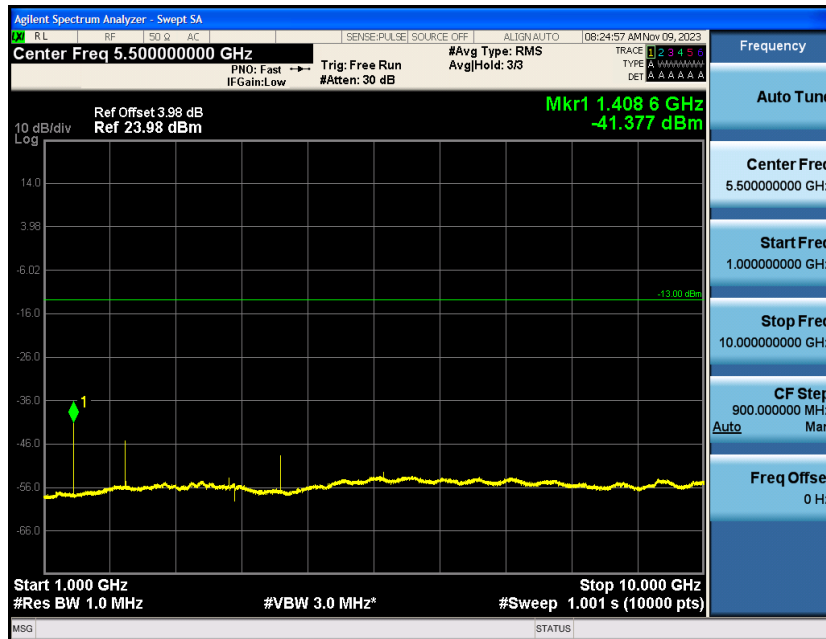
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	Range1:30~1000MHz	-58.76	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range2:1000~10000MHz	-41.38	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-58.64	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-41.41	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range1:30~1000MHz	-58.69	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range2:1000~10000MHz	-43.84	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range1:30~1000MHz	-58.84	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range2:1000~10000MHz	-42.7	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-58.08	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-43.36	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range1:30~1000MHz	-58.86	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range2:1000~10000MHz	-45.38	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range1:30~1000MHz	-58.87	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range2:1000~10000MHz	-41.73	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-58.55	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-40.85	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range1:30~1000MHz	-58.64	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range2:1000~10000MHz	-40.46	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range1:30~1000MHz	-58.3	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range2:1000~10000MHz	-43.1	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-58.75	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-42.75	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range1:30~1000MHz	-58.84	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range2:1000~10000MHz	-41.21	PASS

Test Graphs

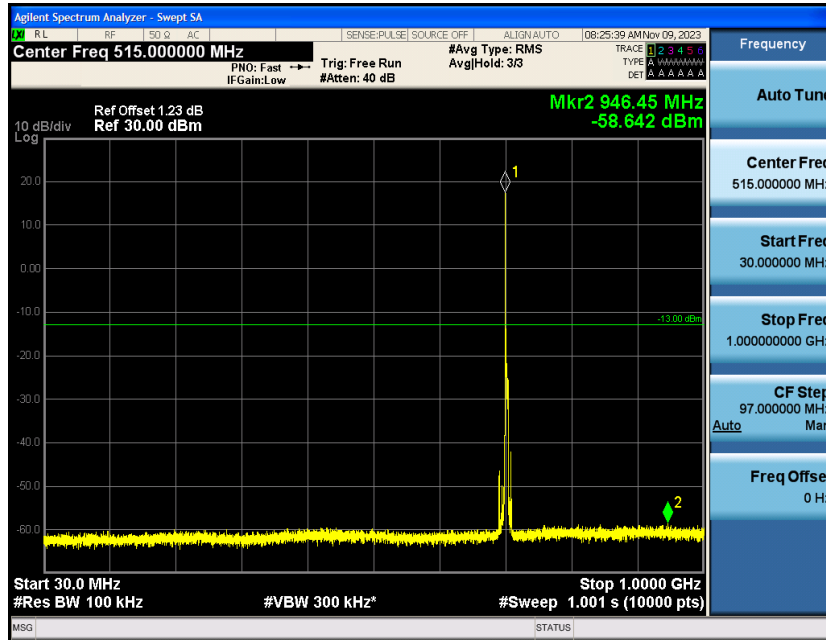
Band17-5MHz-QPSK-23755-1RB#0-Range1:30~1000MHz



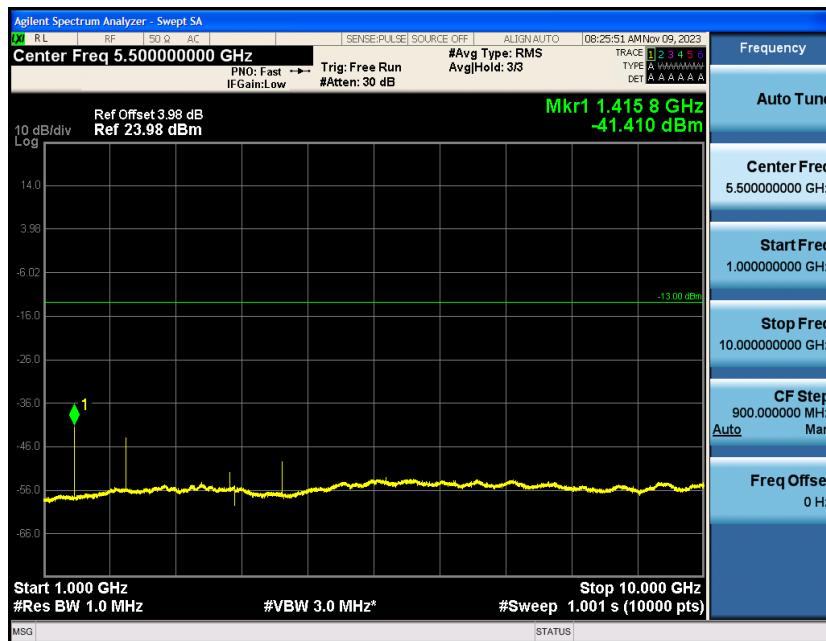
Band17-5MHz-QPSK-23755-1RB#0-Range2:1000~10000MHz



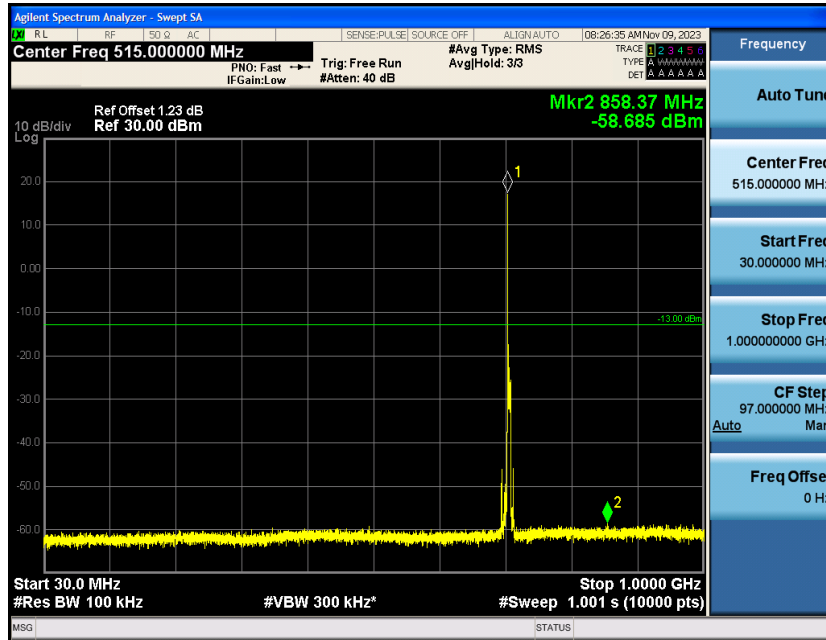
Band17-5MHz-QPSK-23790-1RB#0-Range1:30~1000MHz



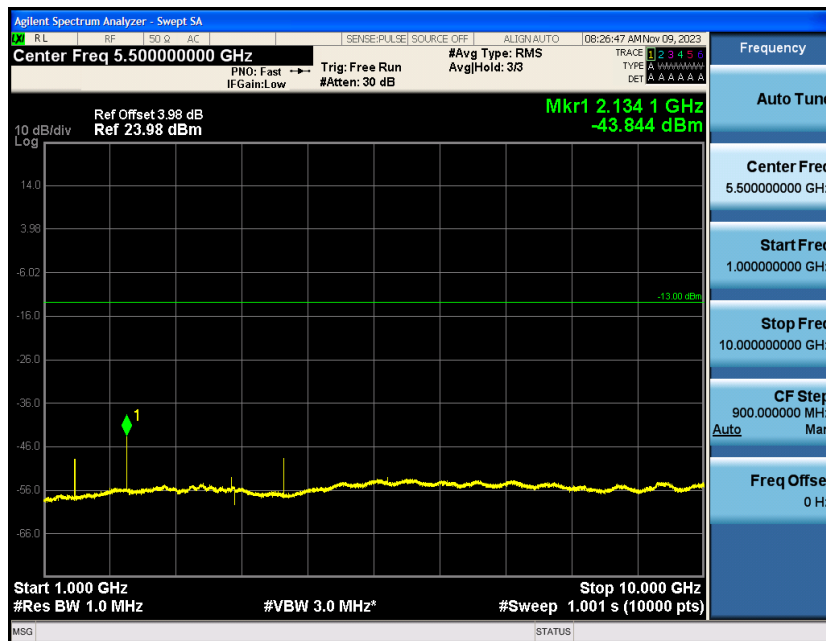
Band17-5MHz-QPSK-23790-1RB#0-Range2:1000~10000MHz



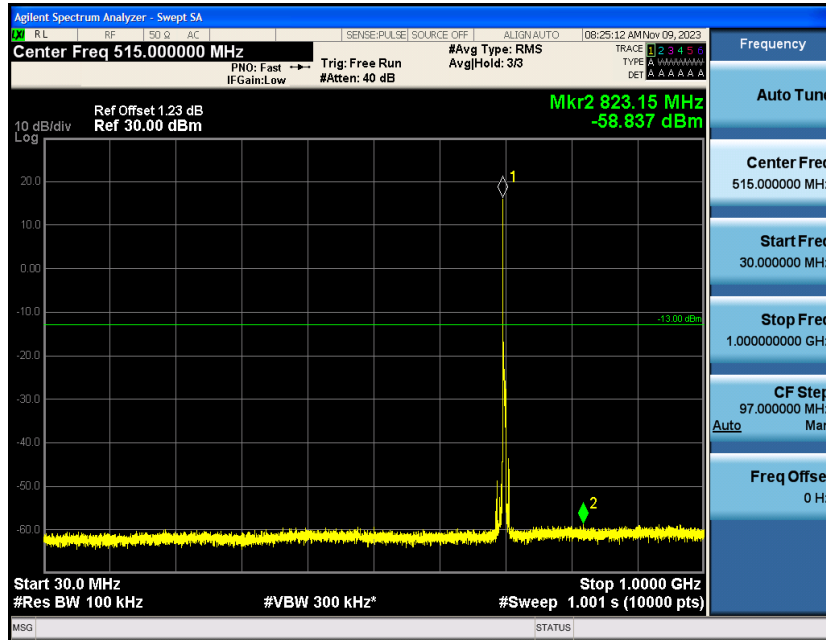
Band17-5MHz-QPSK-23825-1RB#0-Range1:30~1000MHz



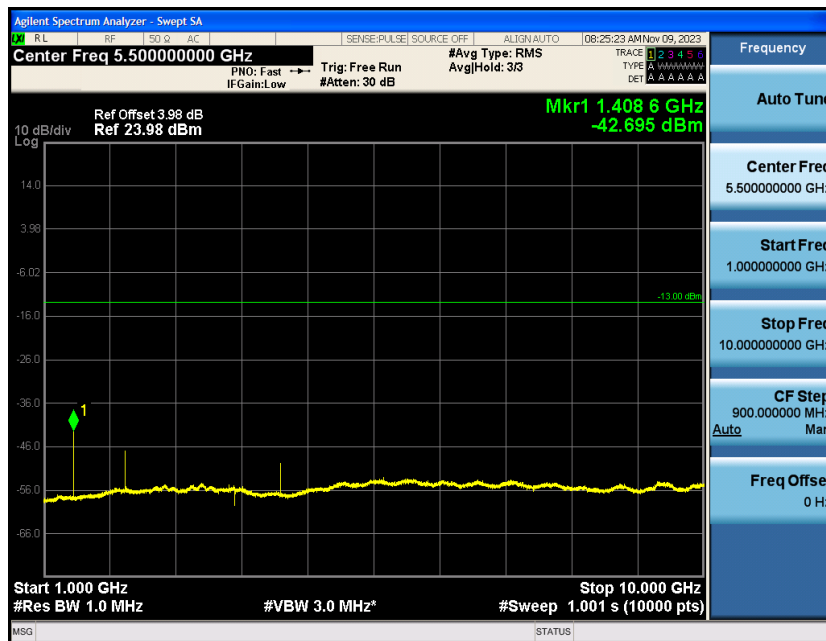
Band17-5MHz-QPSK-23825-1RB#0-Range2:1000~10000MHz



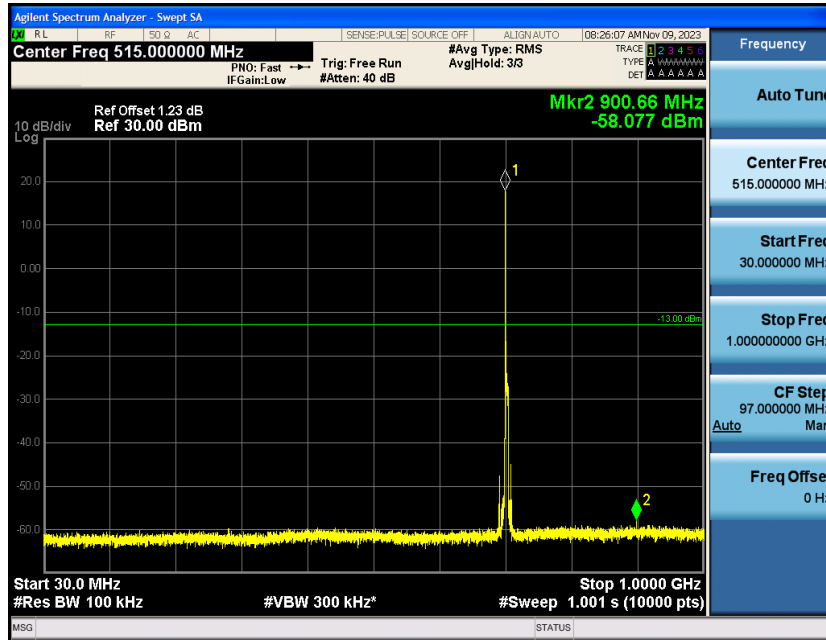
Band17-5MHz-16QAM-23755-1RB#0-Range1:30~1000MHz



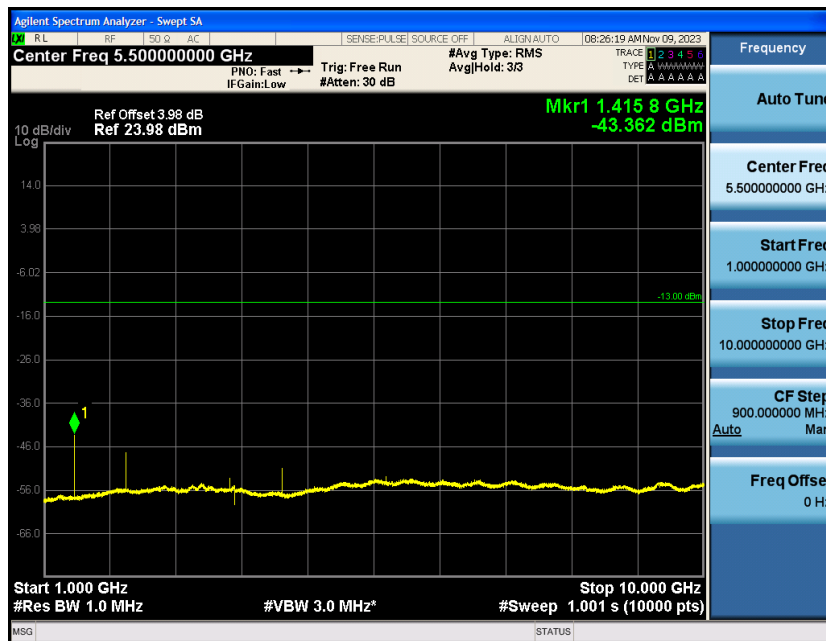
Band17-5MHz-16QAM-23755-1RB#0-Range2:1000~10000MHz



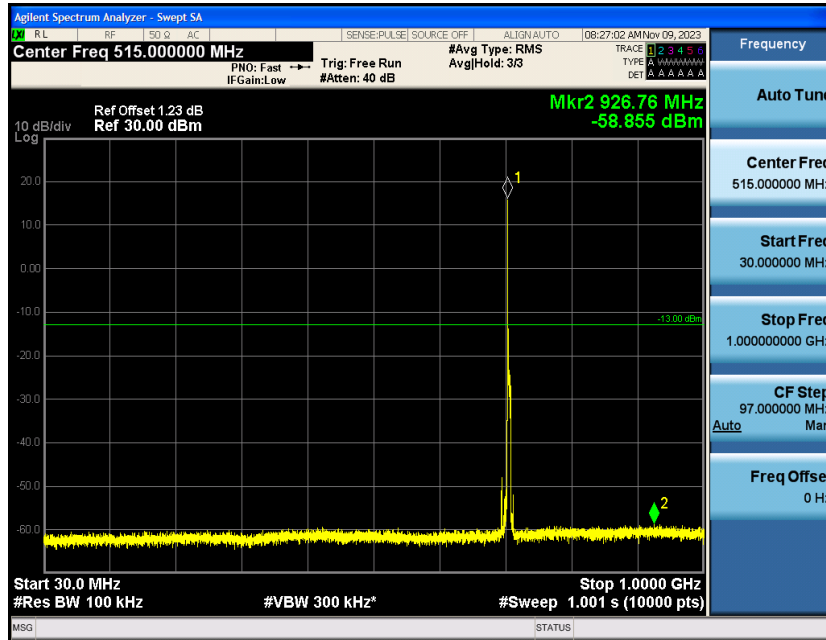
Band17-5MHz-16QAM-23790-1RB#0-Range1:30~1000MHz



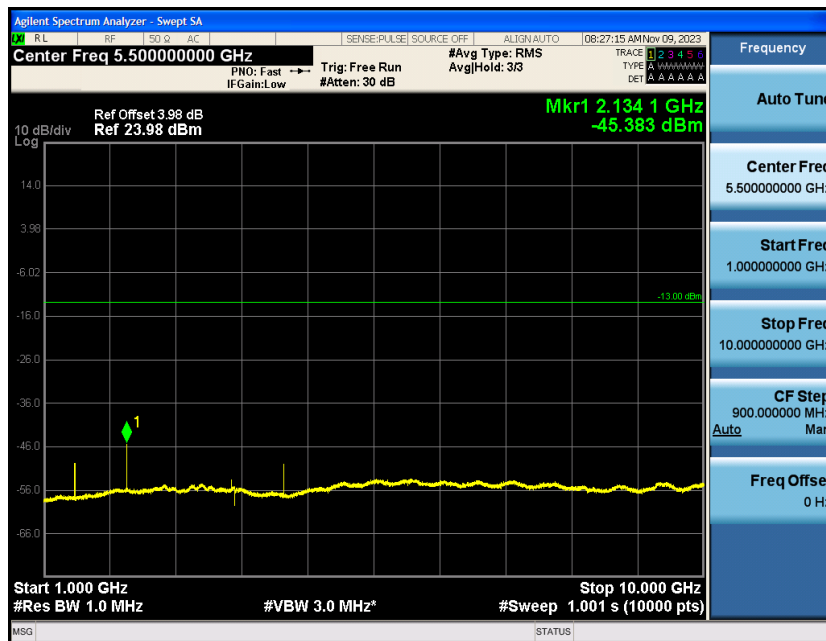
Band17-5MHz-16QAM-23790-1RB#0-Range2:1000~10000MHz



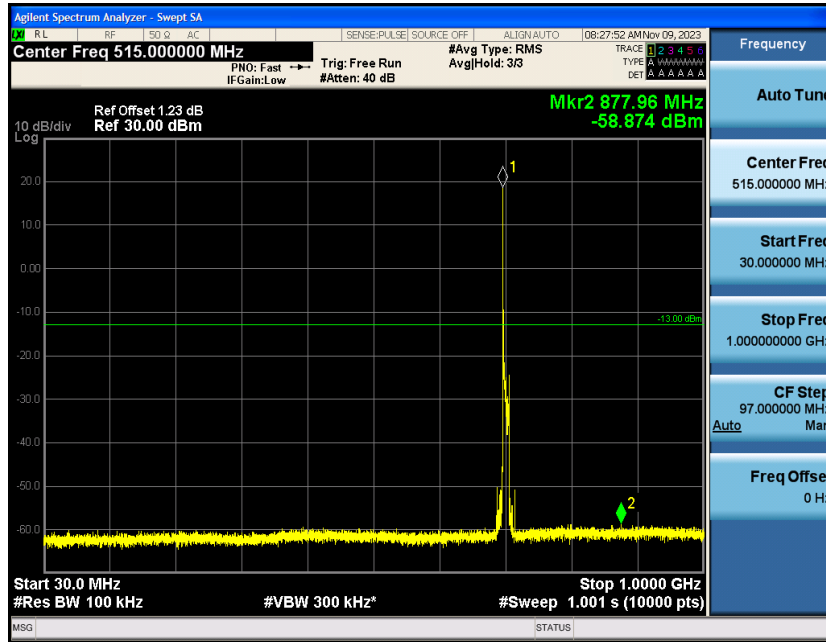
Band17-5MHz-16QAM-23825-1RB#0-Range1:30~1000MHz



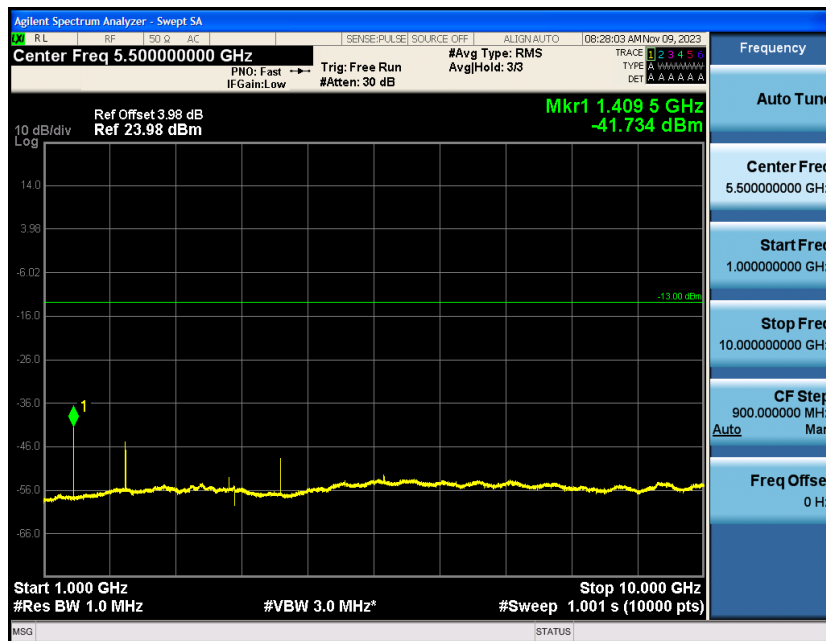
Band17-5MHz-16QAM-23825-1RB#0-Range2:1000~10000MHz



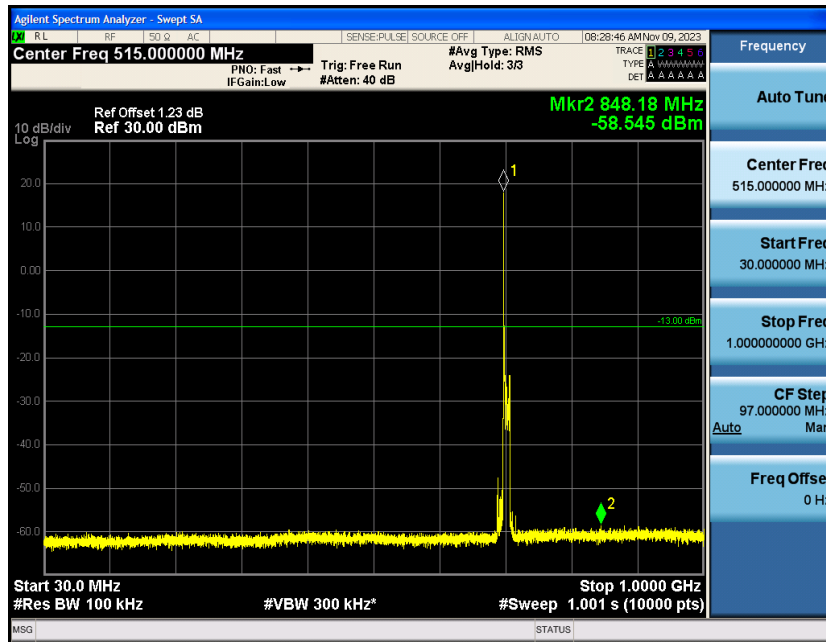
Band17-10MHz-QPSK-23780-1RB#0-Range1:30~1000MHz



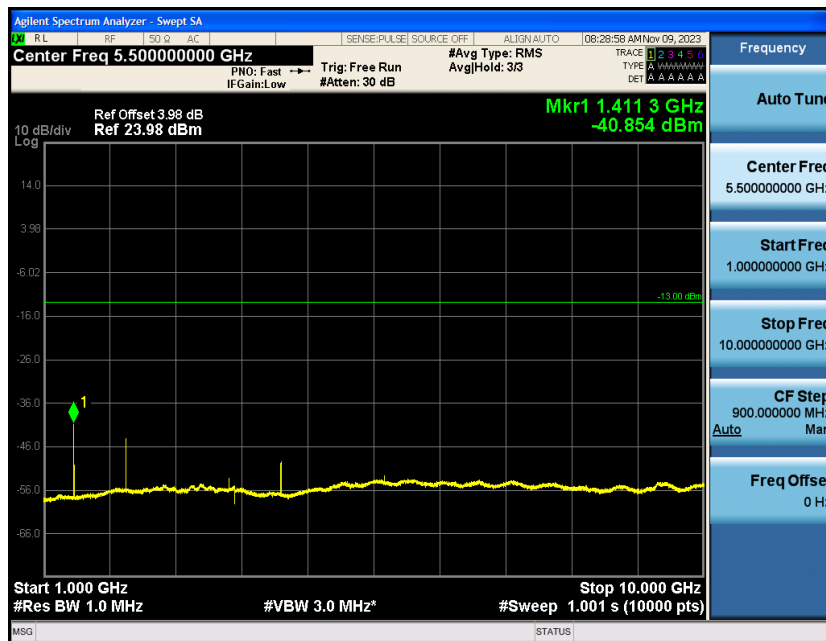
Band17-10MHz-QPSK-23780-1RB#0-Range2:1000~10000MHz



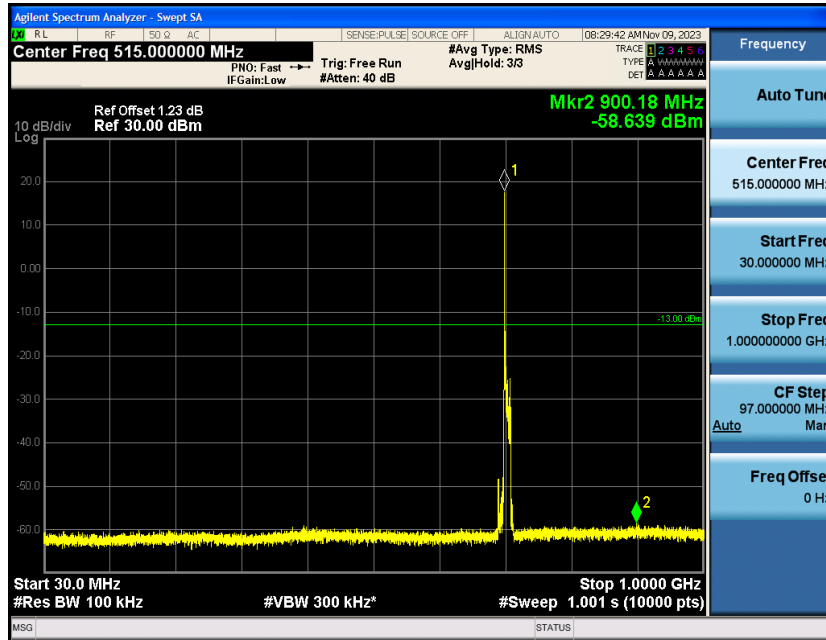
Band17-10MHz-QPSK-23790-1RB#0-Range1:30~1000MHz



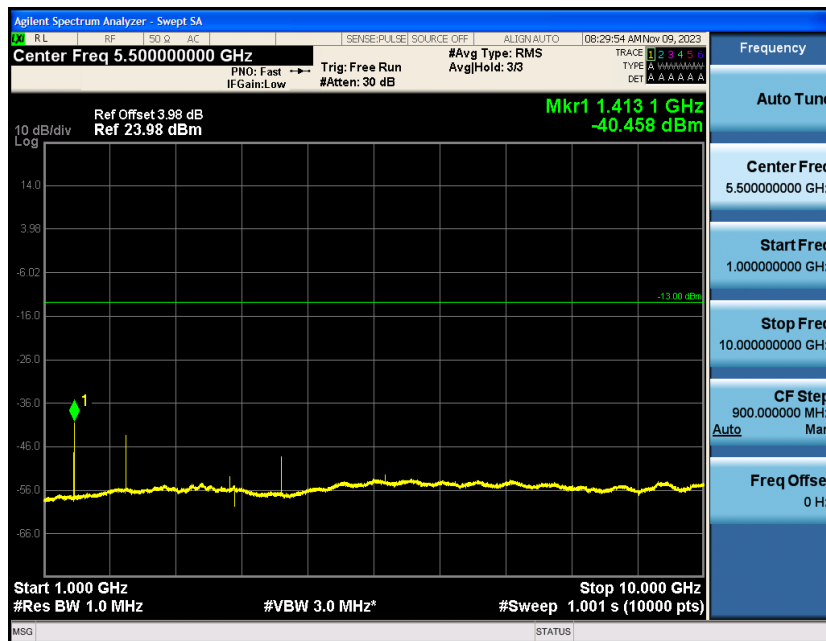
Band17-10MHz-QPSK-23790-1RB#0-Range2:1000~10000MHz



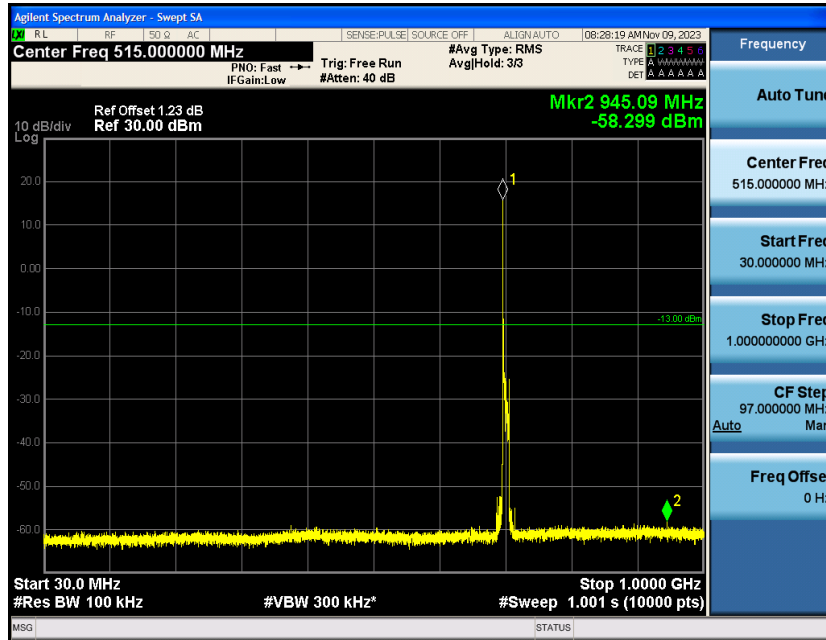
Band17-10MHz-QPSK-23800-1RB#0-Range1:30~1000MHz



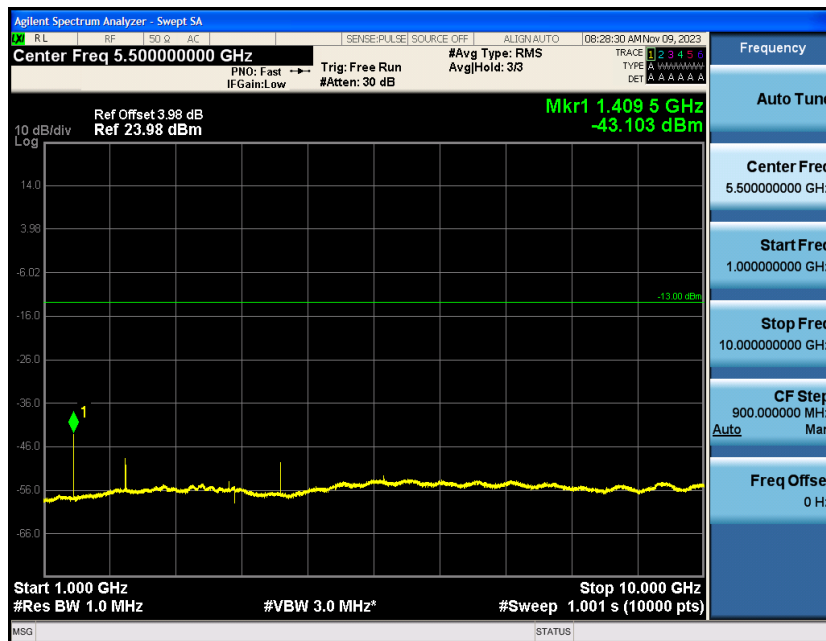
Band17-10MHz-QPSK-23800-1RB#0-Range2:1000~10000MHz



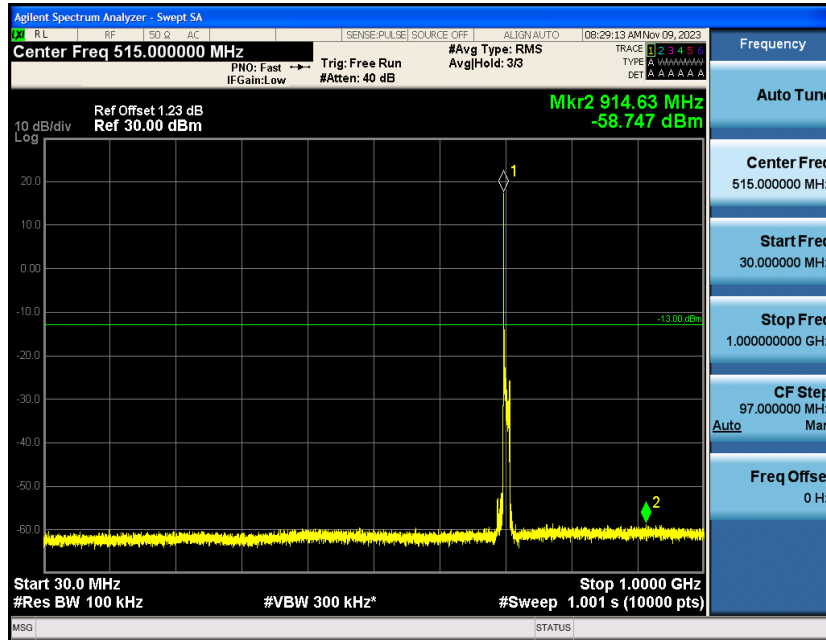
Band17-10MHz-16QAM-23780-1RB#0-Range1:30~1000MHz



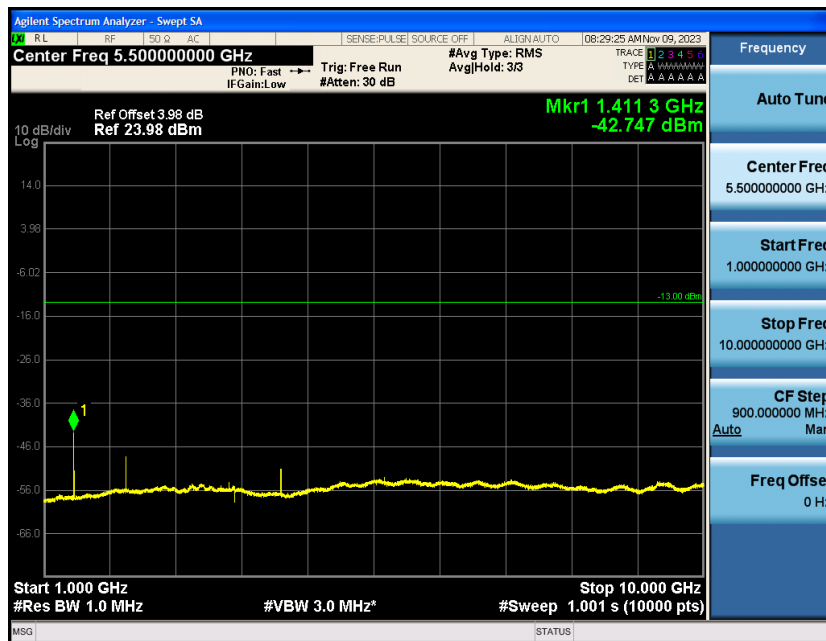
Band17-10MHz-16QAM-23780-1RB#0-Range2:1000~10000MHz



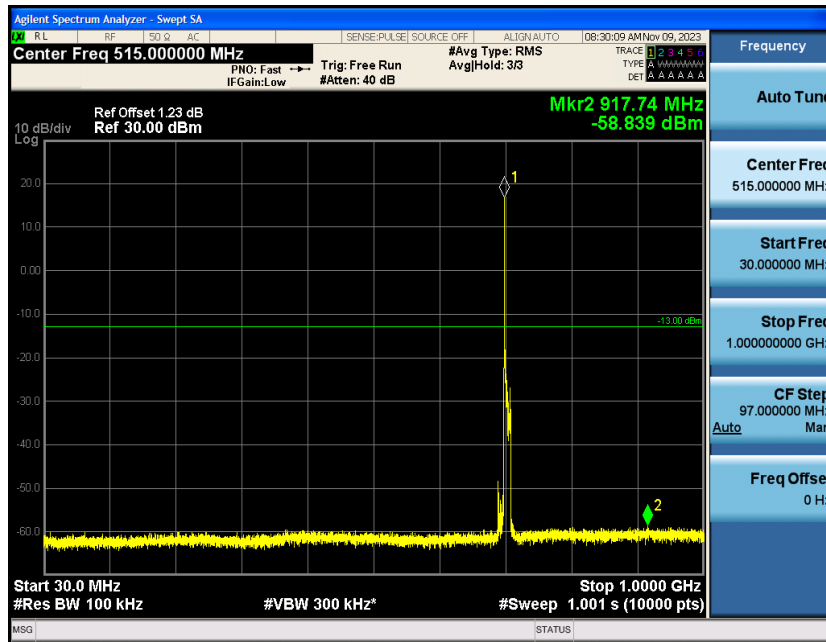
Band17-10MHz-16QAM-23790-1RB#0-Range1:30~1000MHz



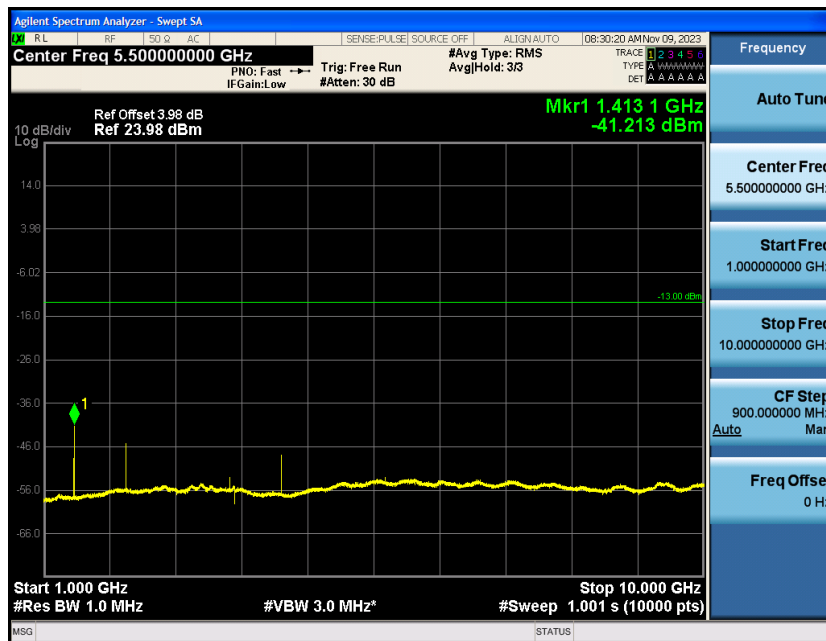
Band17-10MHz-16QAM-23790-1RB#0-Range2:1000~10000MHz



Band17-10MHz-16QAM-23800-1RB#0-Range1:30~1000MHz



Band17-10MHz-16QAM-23800-1RB#0-Range2:1000~10000MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	VL	NT	-8.39	-0.011881	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VN	NT	-7.06	-0.009995	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VH	NT	-15.79	-0.022352	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VL	NT	6.00	0.008445	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VN	NT	3.82	0.005386	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VH	NT	1.86	0.002622	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VL	NT	-0.59	-0.000830	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VN	NT	-0.70	-0.000981	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VH	NT	4.09	0.005737	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VL	NT	-27.78	-0.039324	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VN	NT	-30.86	-0.043681	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VH	NT	-30.97	-0.043835	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VL	NT	13.40	0.018869	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VN	NT	13.48	0.018984	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VH	NT	15.51	0.021851	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VL	NT	-9.69	-0.013576	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VN	NT	-7.69	-0.010782	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VH	NT	-9.55	-0.013380	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VL	NT	-6.65	-0.009377	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VN	NT	-9.85	-0.013894	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VH	NT	-12.24	-0.017258	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	7.81	0.011001	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	-2.22	-0.003129	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	7.98	0.011238	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VL	NT	-0.57	-0.000803	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VN	NT	-5.36	-0.007536	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VH	NT	-1.50	-0.002106	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VL	NT	28.02	0.039521	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VN	NT	16.37	0.023087	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VH	NT	8.02	0.011314	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VL	NT	26.06	0.036701	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VN	NT	22.58	0.031809	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VH	NT	32.97	0.046439	±2.5	PASS

Band17	10MHz	16QAM	23800	50RB#0	VL	NT	-9.44	-0.013274	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VN	NT	-3.31	-0.004657	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VH	NT	-1.53	-0.002148	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	NV	-30	-18.01	-0.025489	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-20	-20.21	-0.028609	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	0	-29.65	-0.041964	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	10	-29.67	-0.042000	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	20	-31.60	-0.044724	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-30	8.72	0.012276	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-20	13.35	0.018800	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	0	9.96	0.014023	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	10	5.62	0.007913	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	20	10.25	0.014439	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-30	1.39	0.001945	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-20	-4.45	-0.006238	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	0	1.17	0.001639	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	10	-8.10	-0.011349	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	20	-18.49	-0.025916	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-30	-39.59	-0.056034	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-20	-35.05	-0.049615	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	0	-37.47	-0.053034	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	10	-34.59	-0.048959	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	20	-31.57	-0.044683	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-30	17.53	0.024691	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-20	27.80	0.039150	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	0	25.10	0.035347	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	10	28.21	0.039726	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	20	24.56	0.034599	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-30	-13.66	-0.019143	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-20	-11.99	-0.016809	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	0	3.47	0.004857	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	10	-1.35	-0.001893	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	20	9.00	0.012618	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	-8.03	-0.011327	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	-25.88	-0.036507	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	-27.35	-0.038573	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	9.20	0.012979	±2.5	PASS

Band17	10MHz	QPSK	23780	50RB#0	NV	20	33.79	0.047665	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	17.90	0.025211	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	15.55	0.021901	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	23.73	0.033417	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	26.48	0.037293	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	15.61	0.021988	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-30	-10.78	-0.015155	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	-9.69	-0.013635	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	0.51	0.000711	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	10	-6.13	-0.008616	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	-6.66	-0.009372	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-30	24.46	0.034506	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	25.28	0.035657	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	40.01	0.056432	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	-15.00	-0.021161	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	8.02	0.011314	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-30	27.30	0.038449	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	36.39	0.051255	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	39.51	0.055642	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	43.97	0.061929	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	-7.28	-0.010254	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-30	-2.52	-0.003546	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	4.35	0.006113	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	2.02	0.002835	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	10.05	0.014132	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	12.21	0.017172	±2.5	PASS

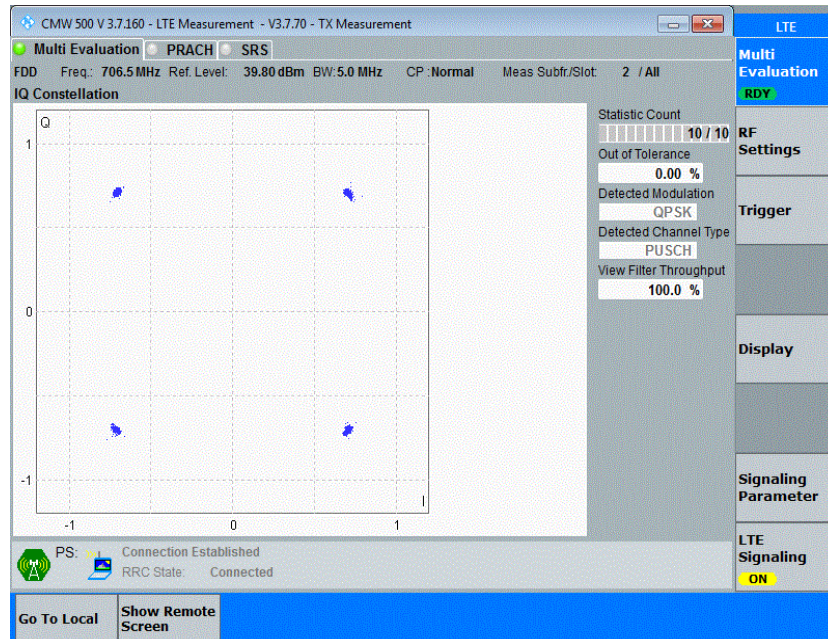
Appendix G: Modulation Characteristics

Test Result

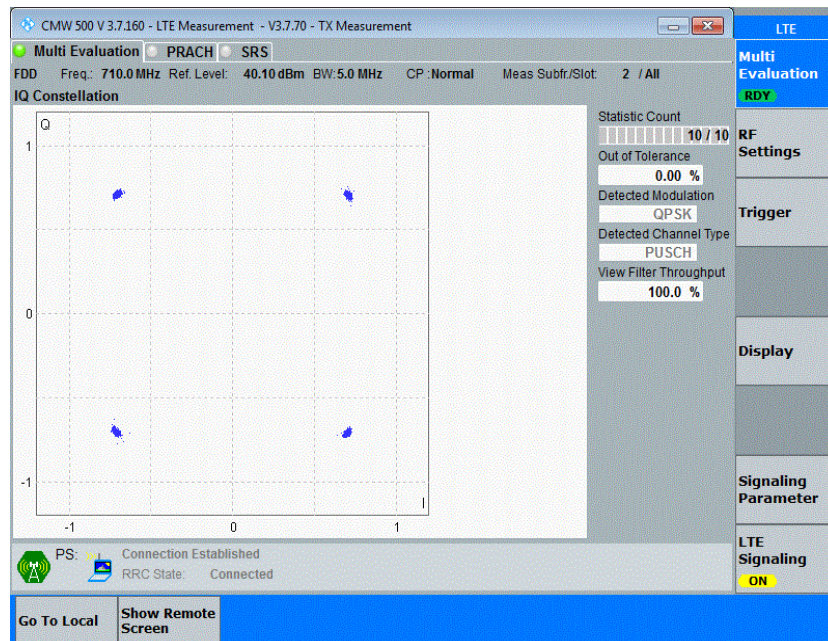
Band	Channel	Result	Verdict
Band17	23755	PASS	PASS
Band17	23790	PASS	PASS
Band17	23825	PASS	PASS
Band17	23755	PASS	PASS
Band17	23790	PASS	PASS
Band17	23825	PASS	PASS
Band17	23780	PASS	PASS
Band17	23790	PASS	PASS
Band17	23800	PASS	PASS
Band17	23780	PASS	PASS
Band17	23790	PASS	PASS
Band17	23800	PASS	PASS

Test Graphs

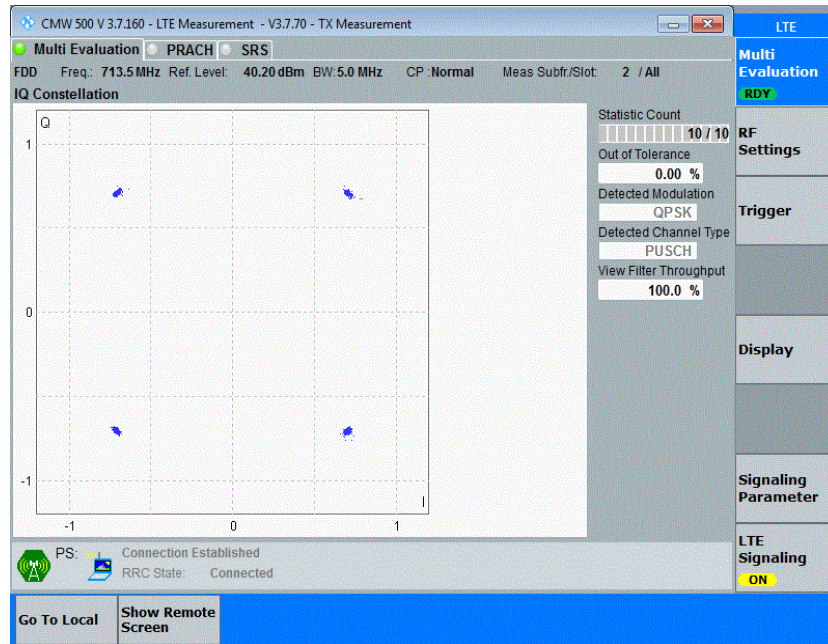
Band17-5MHz-QPSK-23755-25RB#0



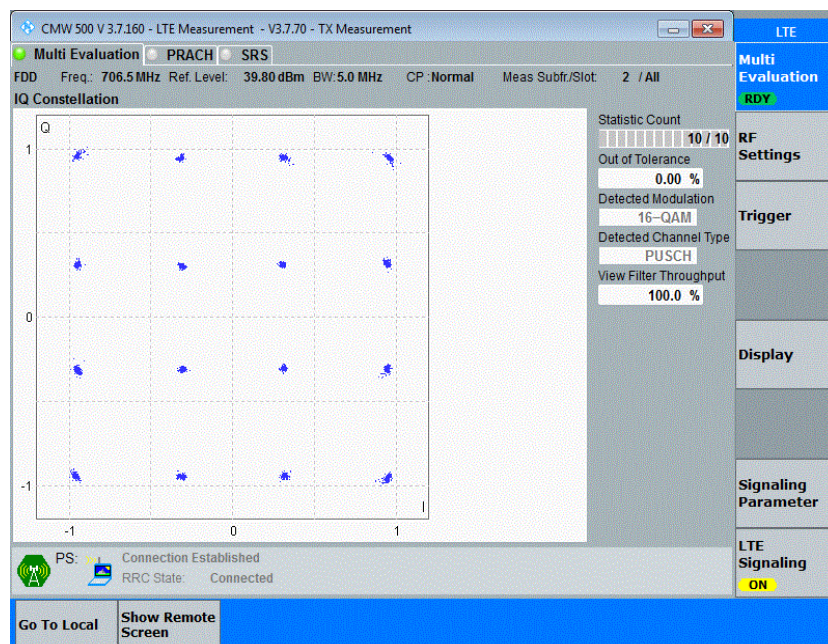
Band17-5MHz-QPSK-23790-25RB#0



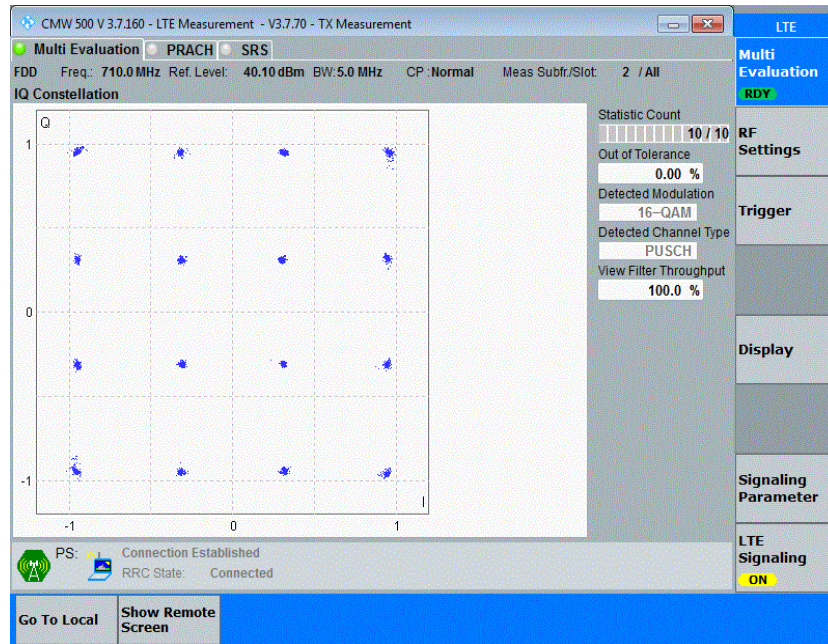
Band17-5MHz-QPSK-23825-25RB#0



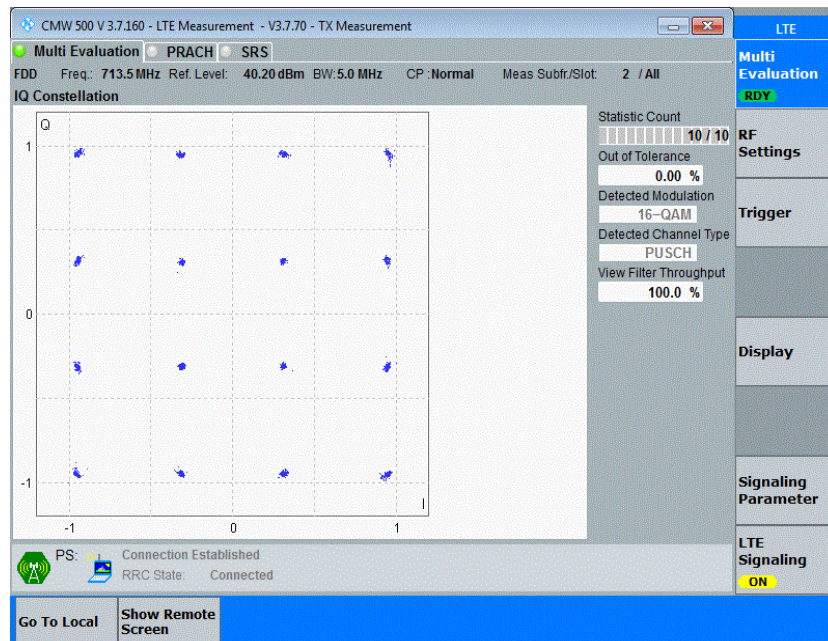
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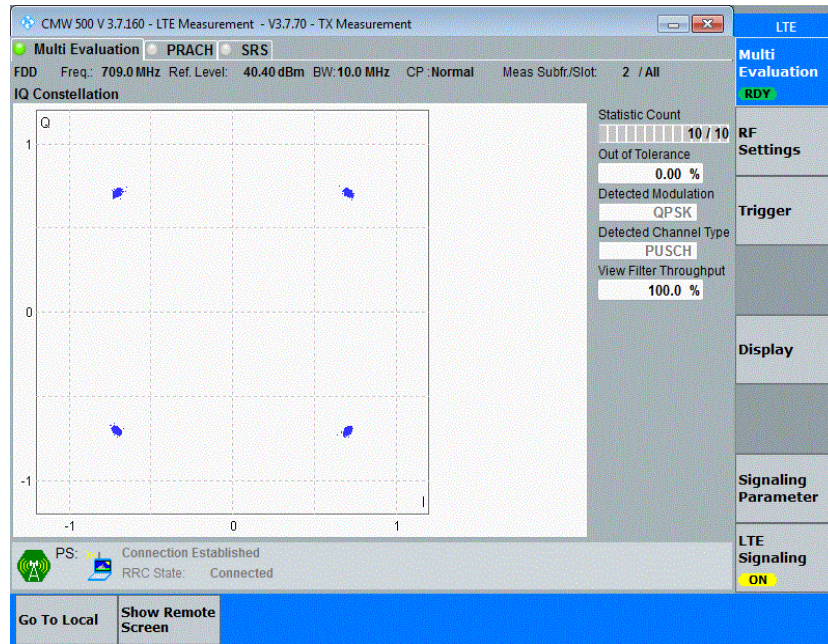
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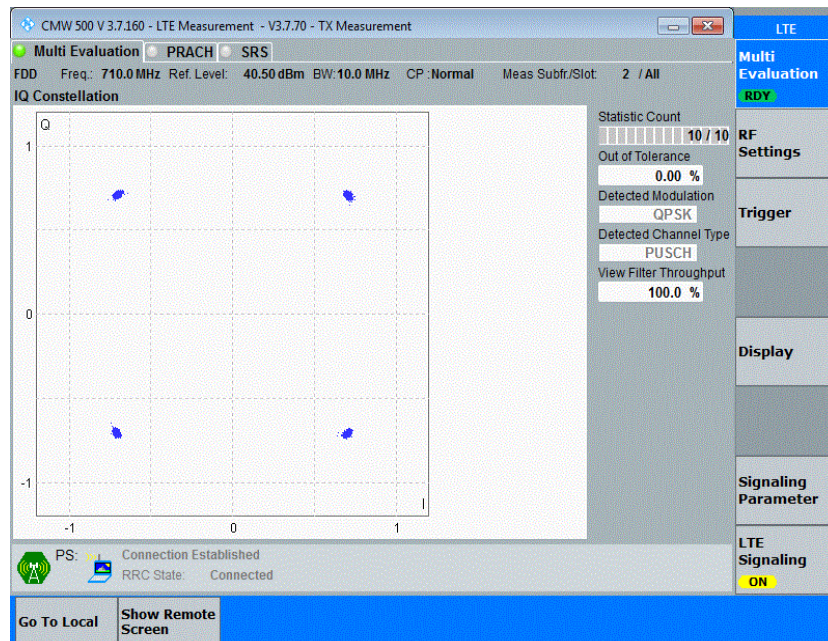
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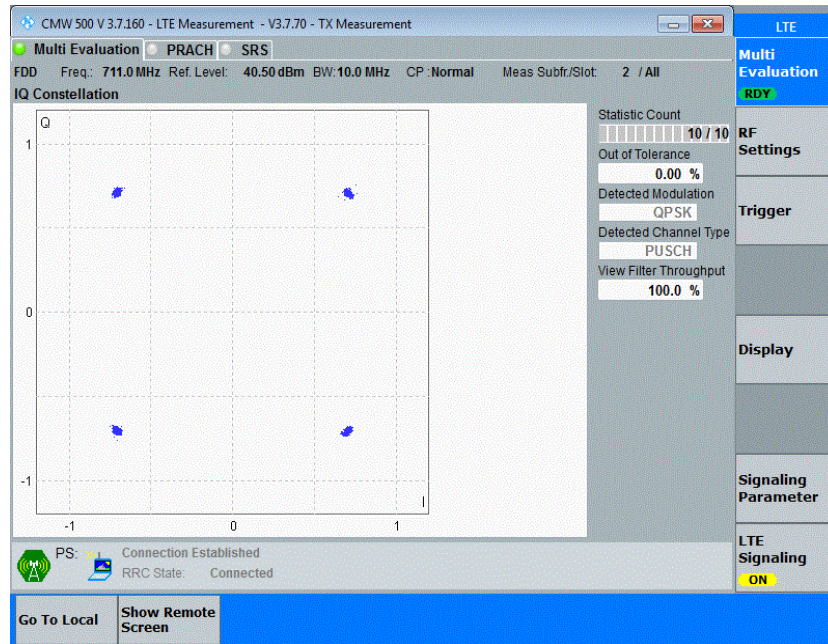
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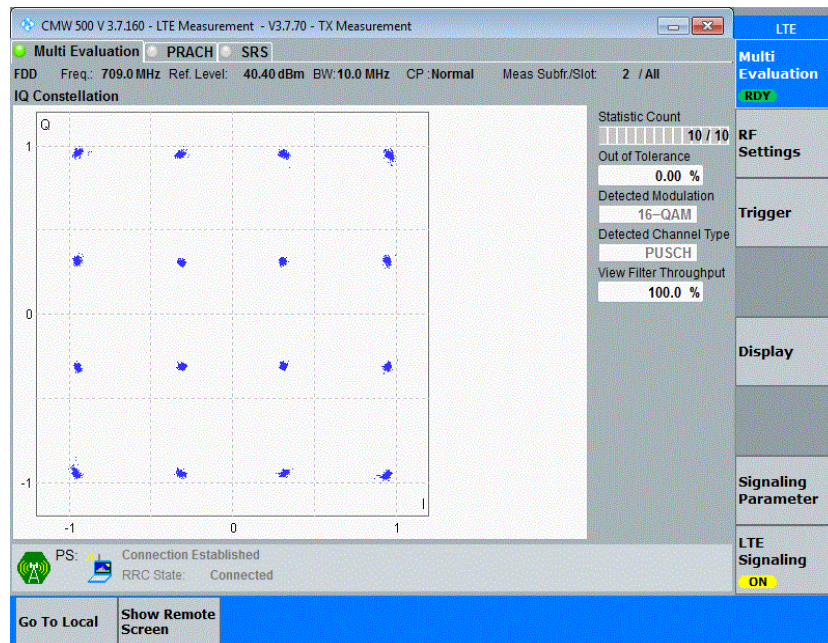
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Band17-10MHz-QPSK-23800-50RB#0



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



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

