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Appendix for LTE Band 17

Applicant: UCLOUDLINK (SINGAPORE) PTE.LTD

Address: 80 ROBINSON ROAD #02-00 SINGAPORE

Product Name: 4G Wireless Data Terminal

Model: GLMX23A01

FCC ID: 2BB6E-GLMX23A01

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1 Summary of Test Results Data and Graph

1.1. Appendix A: Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	23.75	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.64	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.06	PASS
Band17	5MHz	16QAM	23755	1RB#12	21.61	PASS
Band17	5MHz	QPSK	23755	1RB#24	21.91	PASS
Band17	5MHz	16QAM	23755	1RB#24	20.56	PASS
Band17	5MHz	QPSK	23755	12RB#0	21.63	PASS
Band17	5MHz	16QAM	23755	12RB#0	21.58	PASS
Band17	5MHz	QPSK	23755	12RB#6	21.49	PASS
Band17	5MHz	16QAM	23755	12RB#6	22.50	PASS
Band17	5MHz	QPSK	23755	12RB#13	21.40	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.27	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.37	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.48	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.47	PASS
Band17	5MHz	QPSK	23790	1RB#12	22.27	PASS
Band17	5MHz	16QAM	23790	1RB#12	21.35	PASS
Band17	5MHz	QPSK	23790	1RB#24	21.65	PASS
Band17	5MHz	16QAM	23790	1RB#24	20.73	PASS
Band17	5MHz	QPSK	23790	12RB#0	21.54	PASS
Band17	5MHz	16QAM	23790	12RB#0	21.62	PASS
Band17	5MHz	QPSK	23790	12RB#6	21.53	PASS
Band17	5MHz	16QAM	23790	12RB#6	21.57	PASS
Band17	5MHz	QPSK	23790	12RB#13	20.71	PASS
Band17	5MHz	16QAM	23790	12RB#13	20.73	PASS
Band17	5MHz	QPSK	23790	25RB#0	21.44	PASS
Band17	5MHz	16QAM	23790	25RB#0	20.46	PASS
Band17	5MHz	QPSK	23825	1RB#0	22.14	PASS
Band17	5MHz	16QAM	23825	1RB#0	20.86	PASS
Band17	5MHz	QPSK	23825	1RB#12	22.19	PASS
Band17	5MHz	16QAM	23825	1RB#12	21.01	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.20	PASS

Band17	5MHz	16QAM	23825	1RB#24	22.07	PASS
Band17	5MHz	QPSK	23825	12RB#0	20.59	PASS
Band17	5MHz	16QAM	23825	12RB#0	20.64	PASS
Band17	5MHz	QPSK	23825	12RB#6	20.66	PASS
Band17	5MHz	16QAM	23825	12RB#6	20.66	PASS
Band17	5MHz	QPSK	23825	12RB#13	21.57	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.56	PASS
Band17	5MHz	QPSK	23825	25RB#0	20.99	PASS
Band17	5MHz	16QAM	23825	25RB#0	20.05	PASS
Band17	10MHz	QPSK	23780	1RB#0	24.23	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.92	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.34	PASS
Band17	10MHz	16QAM	23780	1RB#24	21.83	PASS
Band17	10MHz	QPSK	23780	1RB#49	21.74	PASS
Band17	10MHz	16QAM	23780	1RB#49	20.41	PASS
Band17	10MHz	QPSK	23780	25RB#0	22.38	PASS
Band17	10MHz	16QAM	23780	25RB#0	22.26	PASS
Band17	10MHz	QPSK	23780	25RB#12	22.30	PASS
Band17	10MHz	16QAM	23780	25RB#12	22.27	PASS
Band17	10MHz	QPSK	23780	25RB#25	20.59	PASS
Band17	10MHz	16QAM	23780	25RB#25	20.57	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.74	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.61	PASS
Band17	10MHz	QPSK	23790	1RB#24	22.28	PASS
Band17	10MHz	16QAM	23790	1RB#24	21.25	PASS
Band17	10MHz	QPSK	23790	1RB#49	21.87	PASS
Band17	10MHz	16QAM	23790	1RB#49	20.86	PASS
Band17	10MHz	QPSK	23790	25RB#0	22.00	PASS
Band17	10MHz	16QAM	23790	25RB#0	21.94	PASS
Band17	10MHz	QPSK	23790	25RB#12	21.94	PASS
Band17	10MHz	16QAM	23790	25RB#12	21.92	PASS
Band17	10MHz	QPSK	23790	25RB#25	20.48	PASS
Band17	10MHz	16QAM	23790	25RB#25	20.51	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.42	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.19	PASS
Band17	10MHz	QPSK	23800	1RB#24	22.01	PASS
Band17	10MHz	16QAM	23800	1RB#24	20.75	PASS
Band17	10MHz	QPSK	23800	1RB#49	22.12	PASS

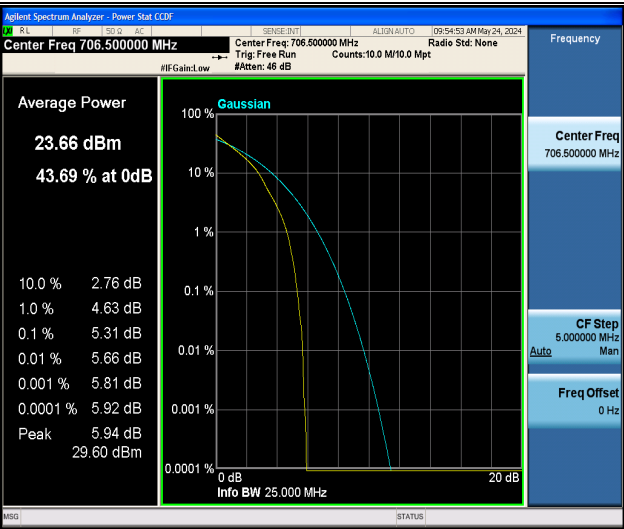
Band17	10MHz	16QAM	23800	1RB#49	20.96	PASS
Band17	10MHz	QPSK	23800	25RB#0	21.76	PASS
Band17	10MHz	16QAM	23800	25RB#0	21.68	PASS
Band17	10MHz	QPSK	23800	25RB#12	21.65	PASS
Band17	10MHz	16QAM	23800	25RB#12	21.64	PASS
Band17	10MHz	QPSK	23800	25RB#25	20.62	PASS
Band17	10MHz	16QAM	23800	25RB#25	20.66	PASS
Band17	10MHz	QPSK	23780	50RB#0	21.81	PASS
Band17	10MHz	QPSK	23790	50RB#0	21.66	PASS
Band17	10MHz	QPSK	23800	50RB#0	21.53	PASS

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

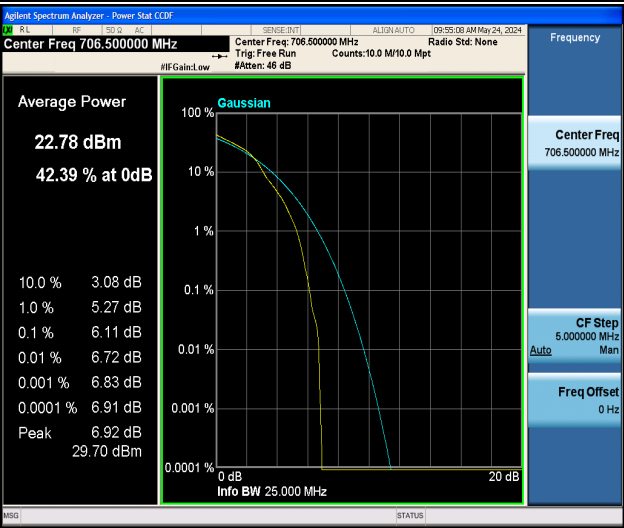
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	5.31	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	6.11	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	6.16	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.96	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	5.58	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	6.26	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	6.71	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	7.39	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	6.49	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	7.24	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	6.83	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	7.55	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	5.43	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	6.33	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	5.45	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	6.35	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	5.46	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	6.70	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	6.57	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	6.60	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	6.63	13	PASS

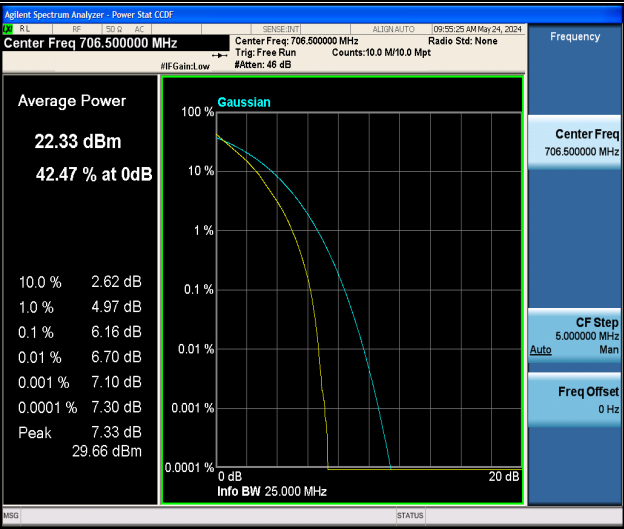
Test Graphs



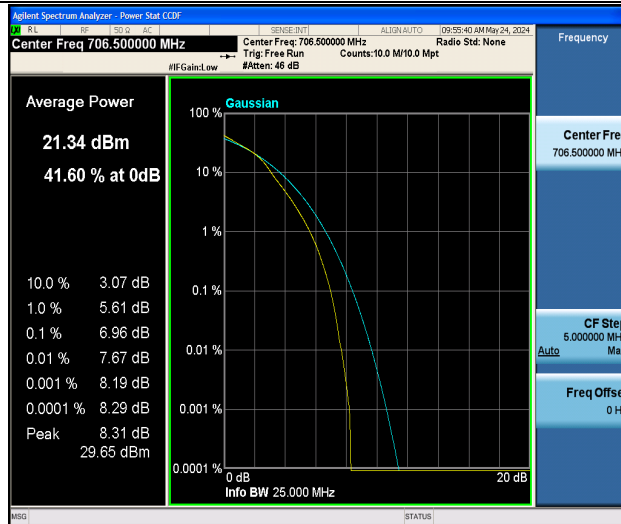
Band17-5MHz-QPSK-23755-1RB#0-PASS



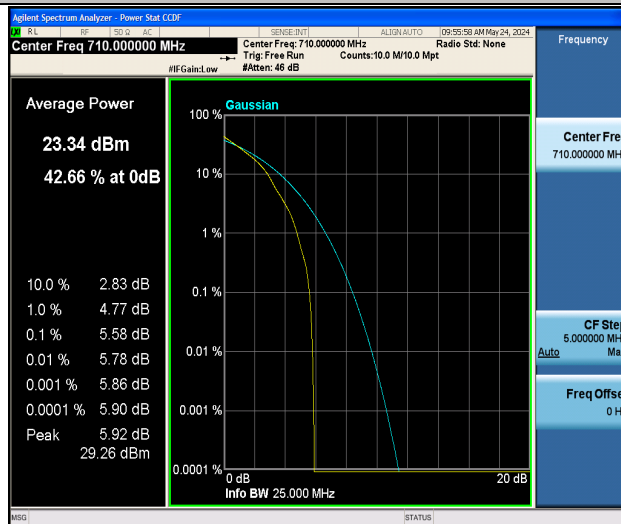
Band17-5MHz-16QAM-23755-1RB#0-PASS



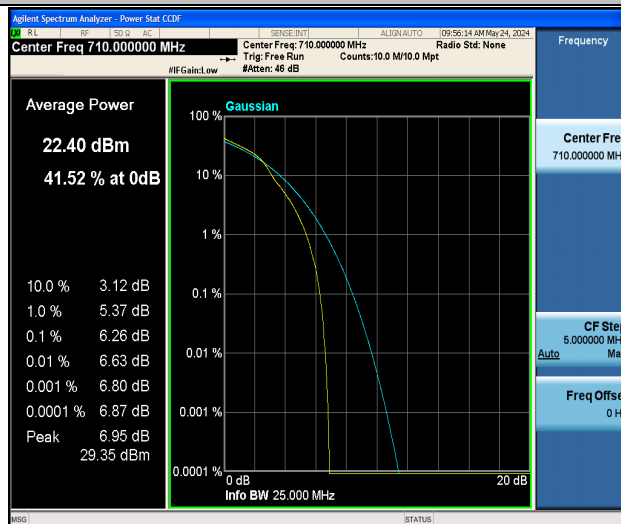
Band17-5MHz-QPSK-23755-25RB#0-PASS



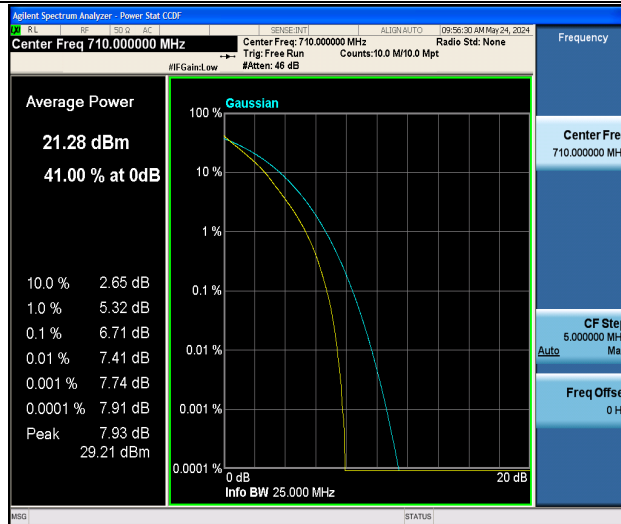
Band17-5MHz-16QAM-23755-25RB#0-PASS



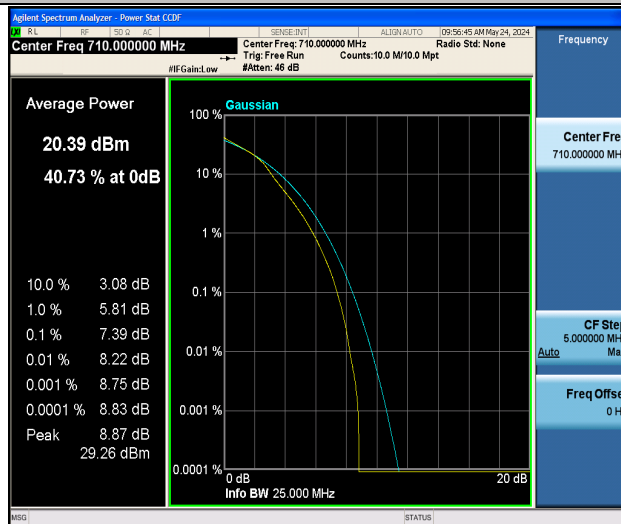
Band17-5MHz-QPSK-23790-1RB#0-PASS



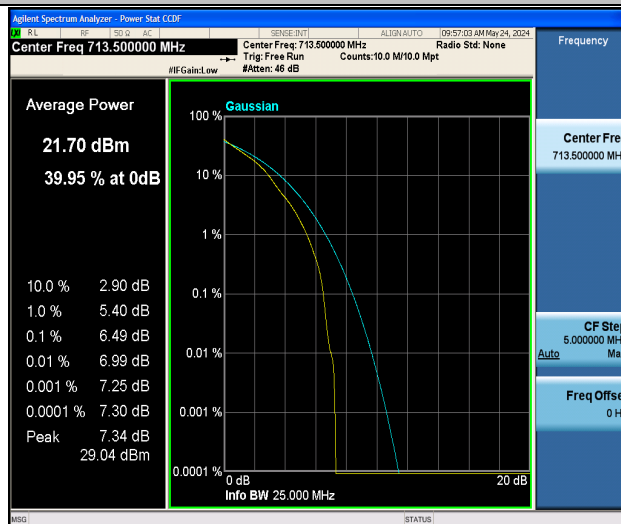
Band17-5MHz-16QAM-23790-1RB#0-PASS



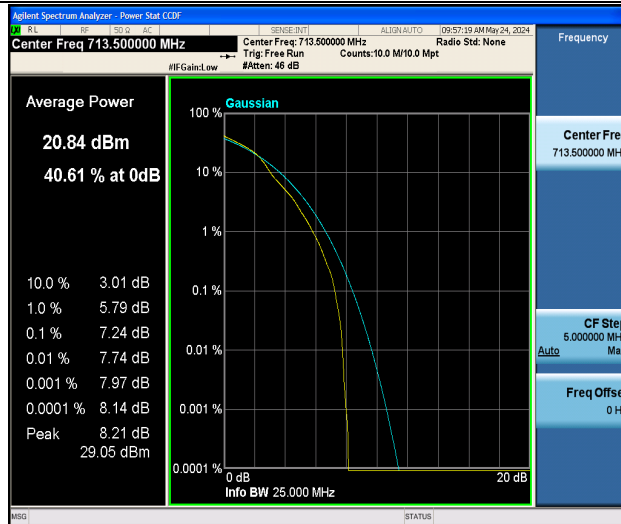
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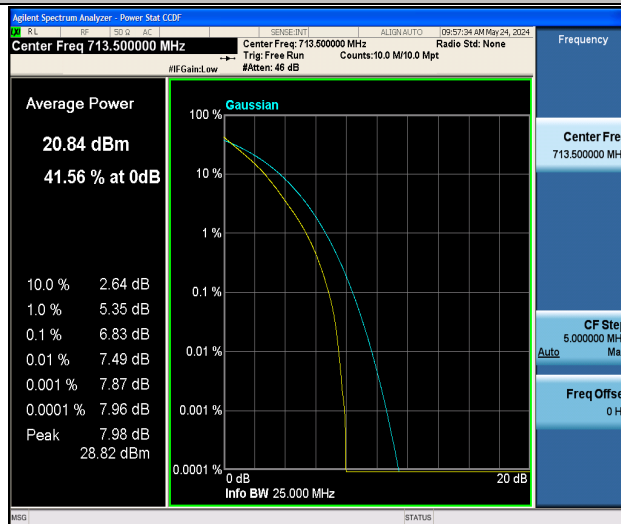
Band17-5MHz-16QAM-23790-25RB#0-PASS



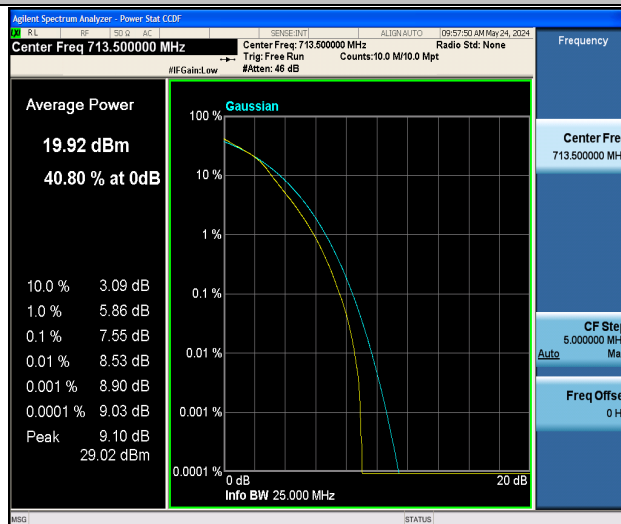
Band17-5MHz-QPSK-23825-1RB#0-PASS



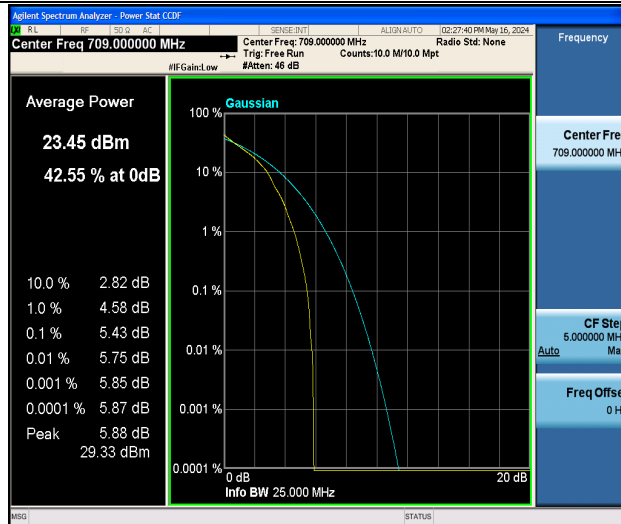
Band17-5MHz-16QAM-23825-1RB#0-PASS



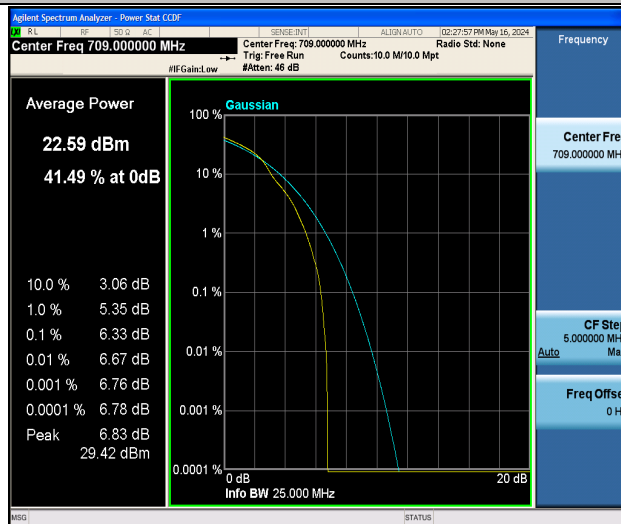
Band17-5MHz-QPSK-23825-25RB#0-PASS



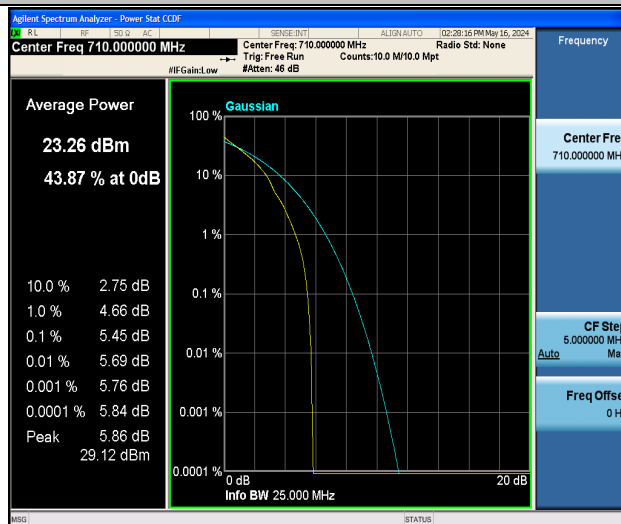
Band17-5MHz-16QAM-23825-25RB#0-PASS



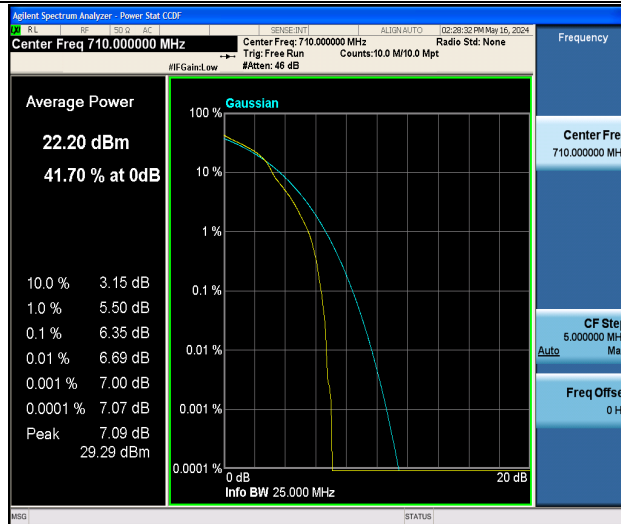
Band17-10MHz-QPSK-23780-1RB#0-PASS



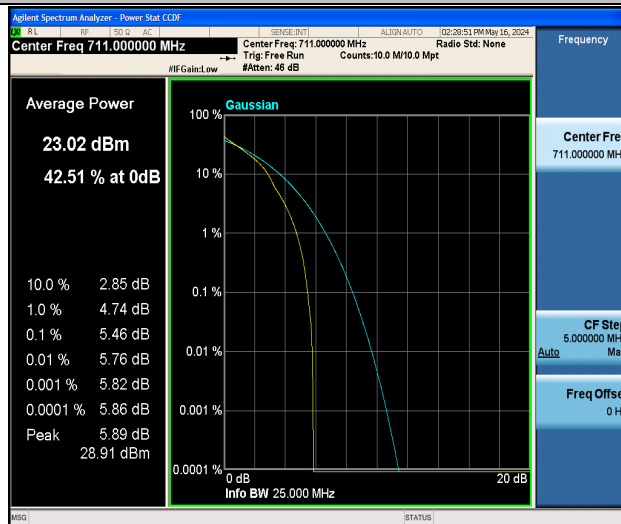
Band17-10MHz-16QAM-23780-1RB#0-PASS



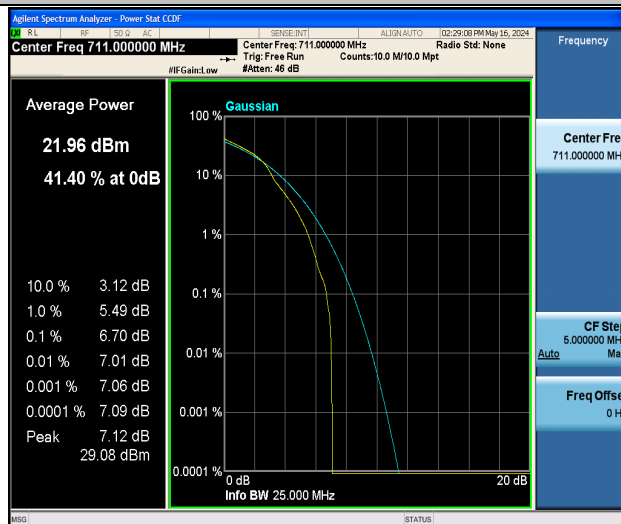
Band17-10MHz-QPSK-23790-1RB#0-PASS



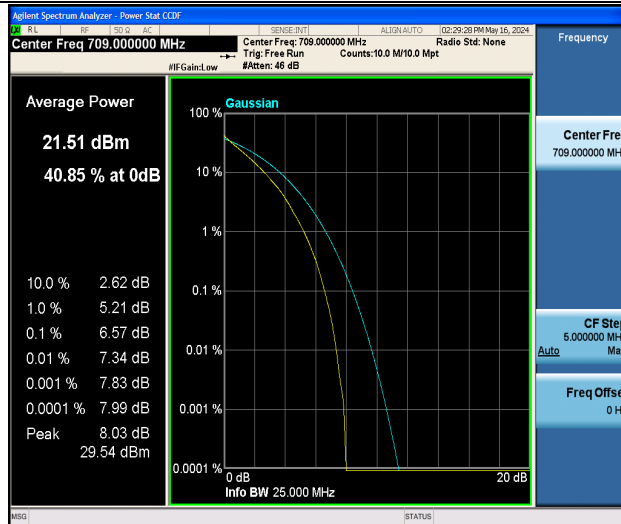
Band17-10MHz-16QAM-23790-1RB#0-PASS



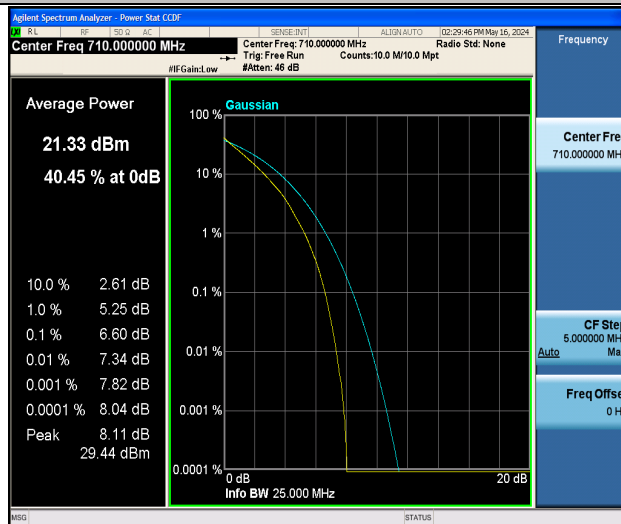
Band17-10MHz-QPSK-23800-1RB#0-PASS



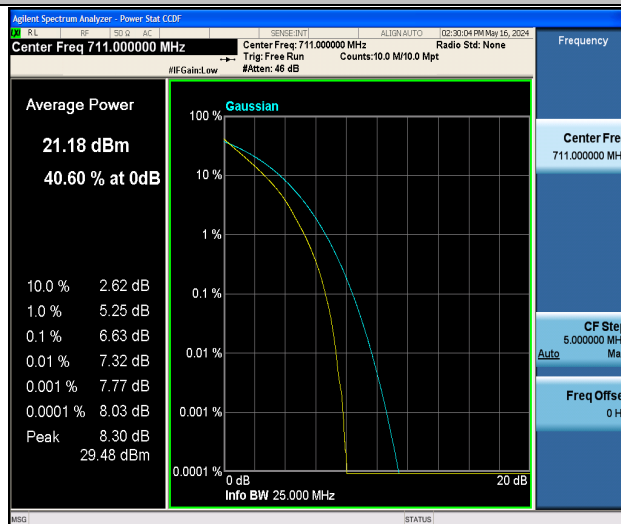
Band17-10MHz-16QAM-23800-1RB#0-PASS



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



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



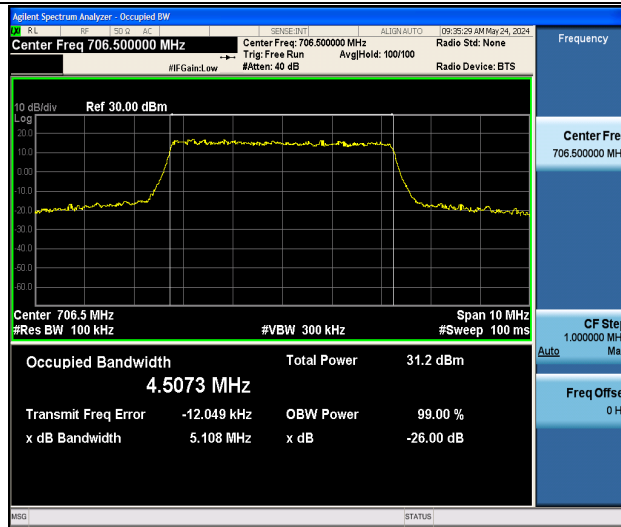
Band17-10MHz-QPSK-23800-50RB#0-PASS

1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

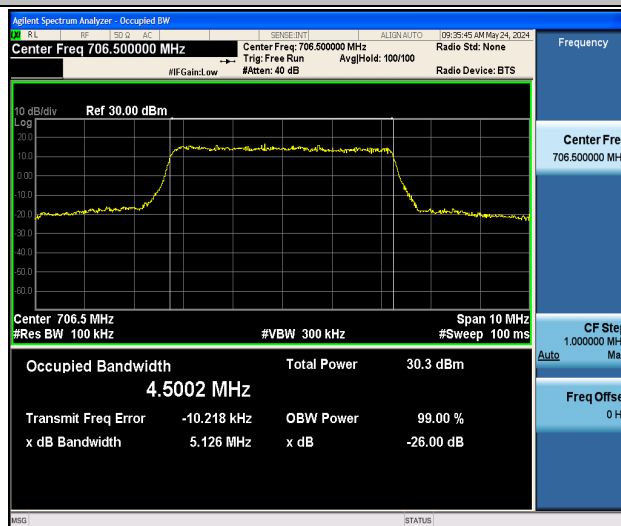
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5073	5.108	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5002	5.126	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5172	5.127	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5190	5.167	PASS
Band17	10MHz	16QAM	23780	50RB#0	19.839	20.00	PASS
Band17	10MHz	QPSK	23780	50RB#0	9.0017	9.961	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5188	5.195	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5296	5.219	PASS
Band17	10MHz	QPSK	23790	50RB#0	9.0321	9.924	PASS
Band17	10MHz	QPSK	23800	50RB#0	9.0255	9.940	PASS

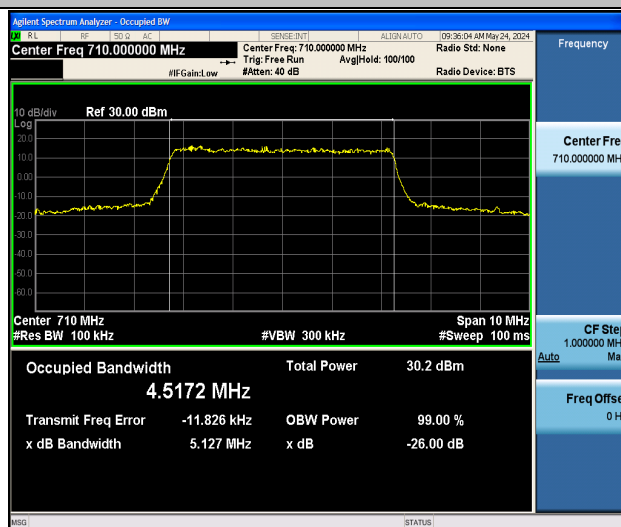
Test Graphs



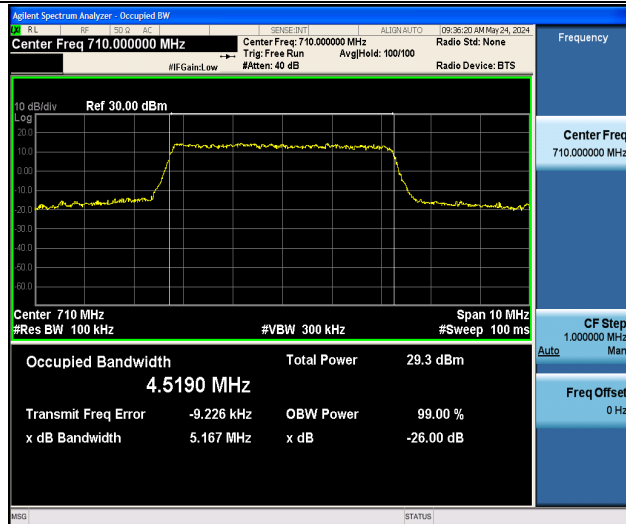
Band17-5MHz-QPSK-23755-25RB#0-PASS



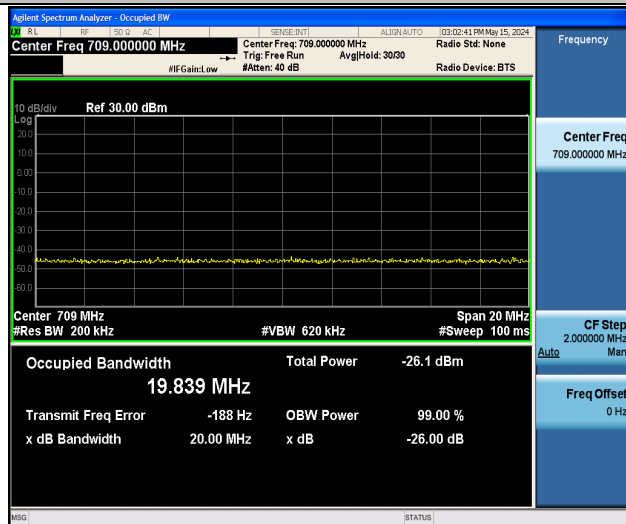
Band17-5MHz-16QAM-23755-25RB#0-PASS



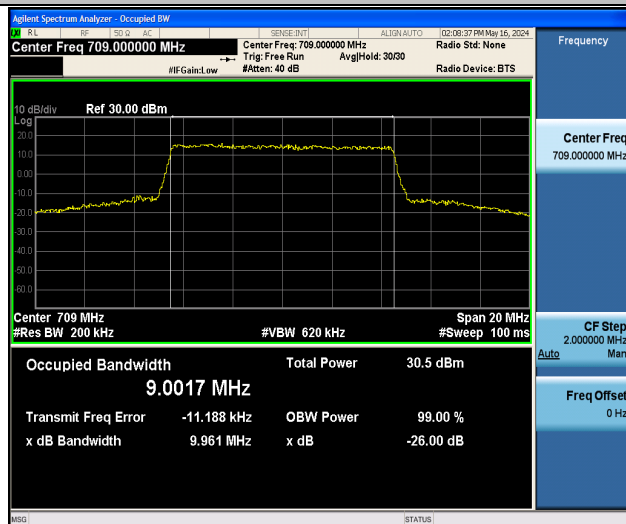
Band17-5MHz-QPSK-23790-25RB#0-PASS



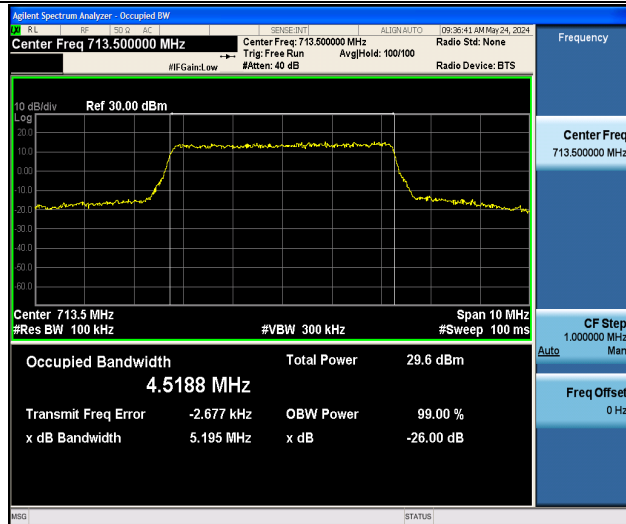
Band17-5MHz-16QAM-23790-25RB#0-PASS



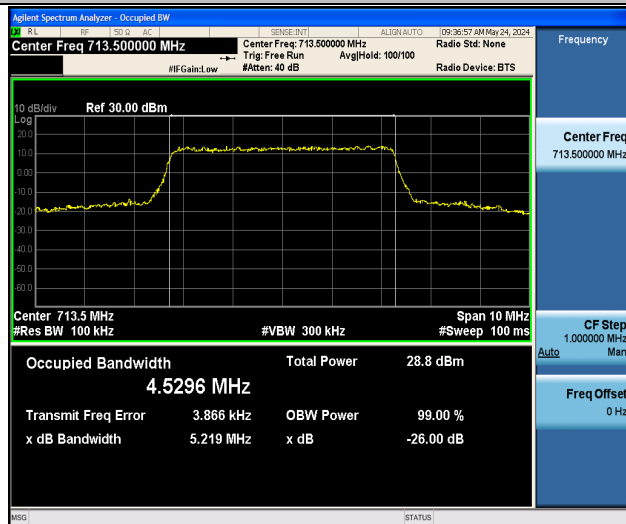
Band17-10MHz-16QAM-23780-50RB#0-PASS



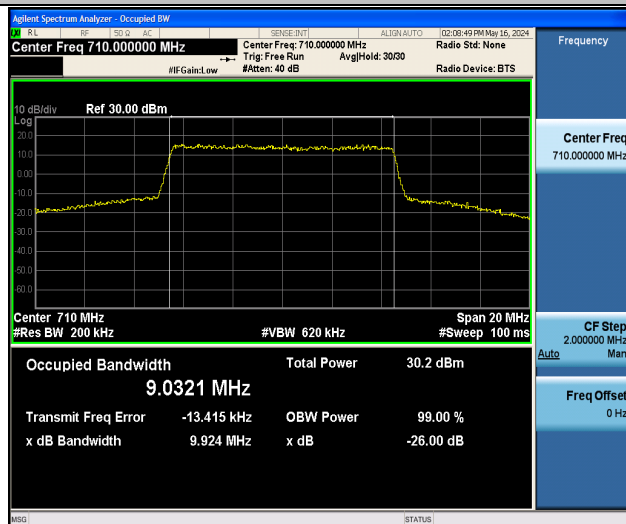
Band17-10MHz-QPSK-23780-50RB#0-PASS



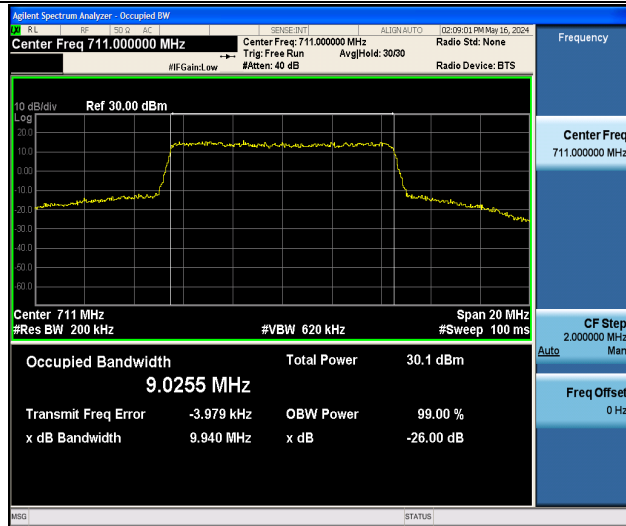
Band17-5MHz-QPSK-23825-25RB#0-PASS



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



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



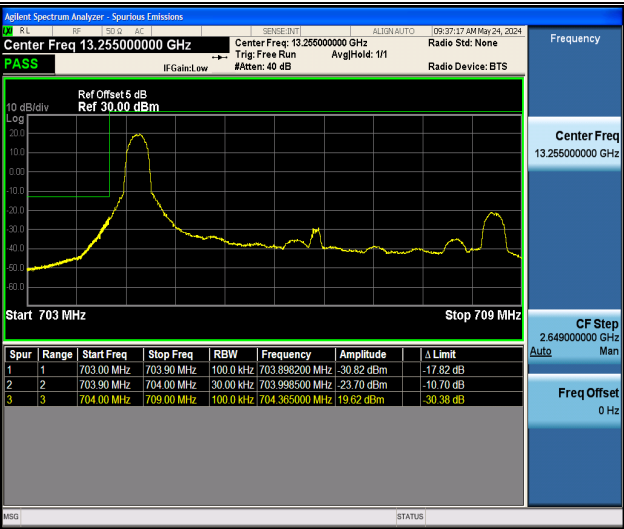
Band17-10MHz-QPSK-23800-50RB#0-PASS

1.4. Appendix D: Band Edge

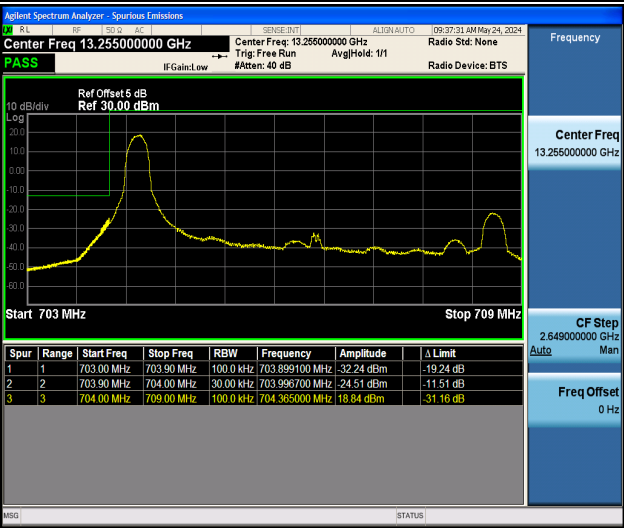
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	-23.70	PASS
Band17	5MHz	16QAM	23755	1RB#0	-24.51	PASS
Band17	5MHz	QPSK	23755	1RB#24	-39.62	PASS
Band17	5MHz	16QAM	23755	1RB#24	-41.06	PASS
Band17	5MHz	QPSK	23755	25RB#0	-26.46	PASS
Band17	5MHz	16QAM	23755	25RB#0	-27.60	PASS
Band17	5MHz	QPSK	23825	1RB#0	-40.06	PASS
Band17	5MHz	16QAM	23825	1RB#0	-43.21	PASS
Band17	5MHz	QPSK	23825	1RB#24	-23.96	PASS
Band17	5MHz	16QAM	23825	1RB#24	-25.72	PASS
Band17	5MHz	QPSK	23825	25RB#0	-25.70	PASS
Band17	5MHz	16QAM	23825	25RB#0	-27.18	PASS
Band17	10MHz	QPSK	23780	1RB#0	-35.27	PASS
Band17	10MHz	16QAM	23780	1RB#0	-36.86	PASS
Band17	10MHz	QPSK	23780	1RB#49	-48.83	PASS
Band17	10MHz	16QAM	23780	1RB#49	-50.21	PASS
Band17	10MHz	QPSK	23800	1RB#0	-48.48	PASS
Band17	10MHz	16QAM	23800	1RB#0	-49.00	PASS
Band17	10MHz	QPSK	23800	1RB#49	-37.92	PASS
Band17	10MHz	16QAM	23800	1RB#49	-37.87	PASS
Band17	10MHz	QPSK	23780	50RB#0	-27.21	PASS
Band17	10MHz	QPSK	23800	50RB#0	-27.86	PASS

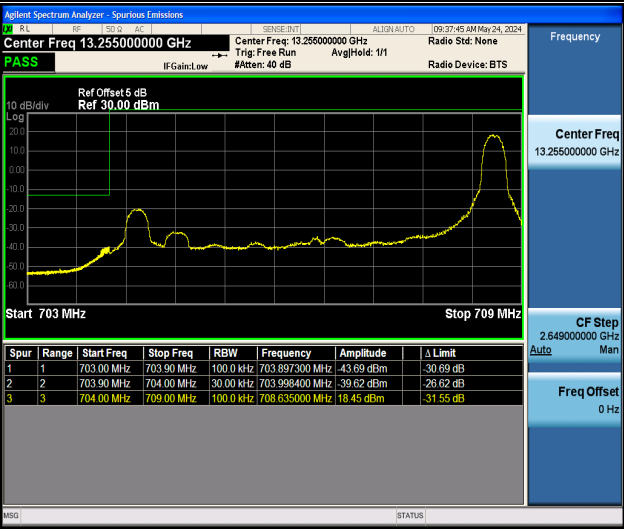
Test Graphs



Band17_5MHz_QPSK_23755_1RB#0



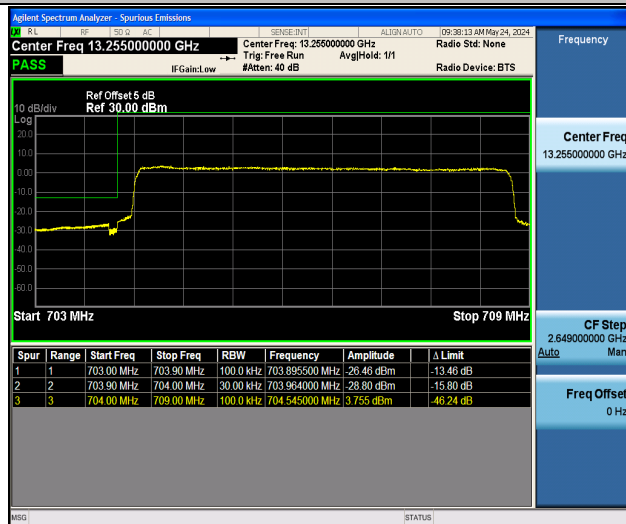
Band17_5MHz_16QAM_23755_1RB#0



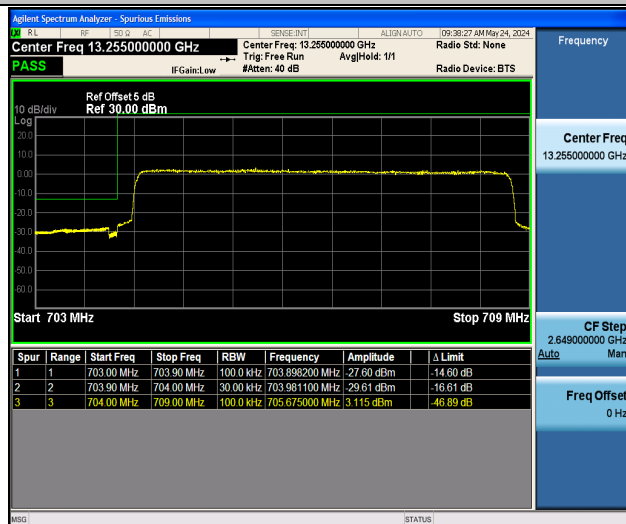
Band17_5MHz_QPSK_23755_1RB#24



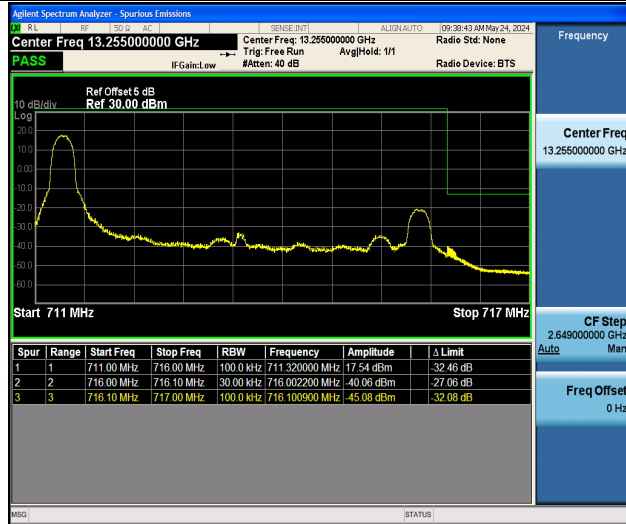
Band17_5MHz_16QAM_23755_1RB#24



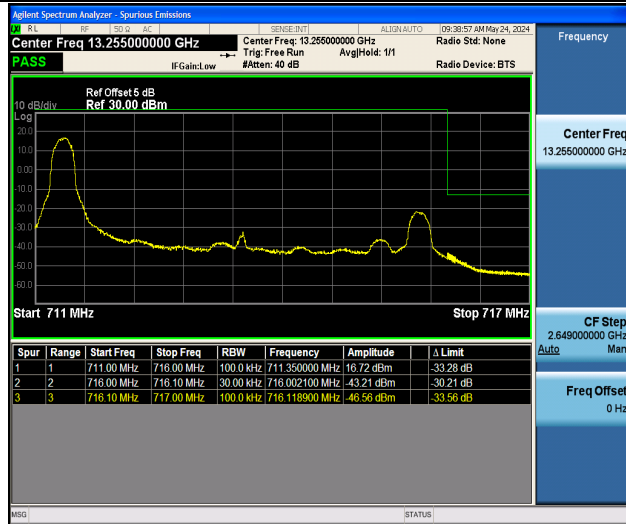
Band17_5MHz_QPSK_23755_25RB#0



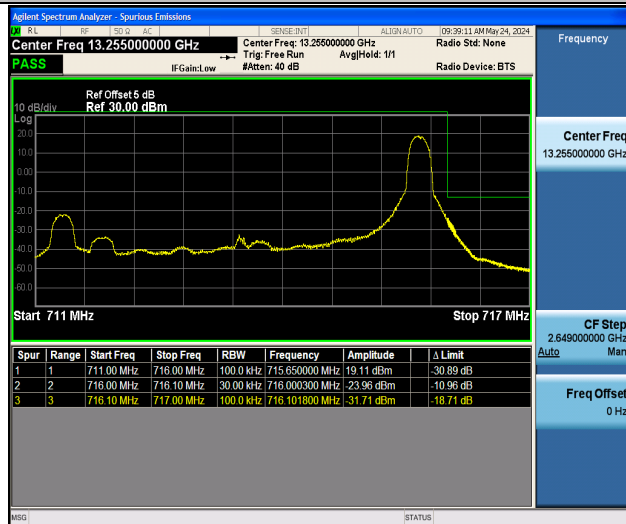
Band17_5MHz_16QAM_23755_25RB#0



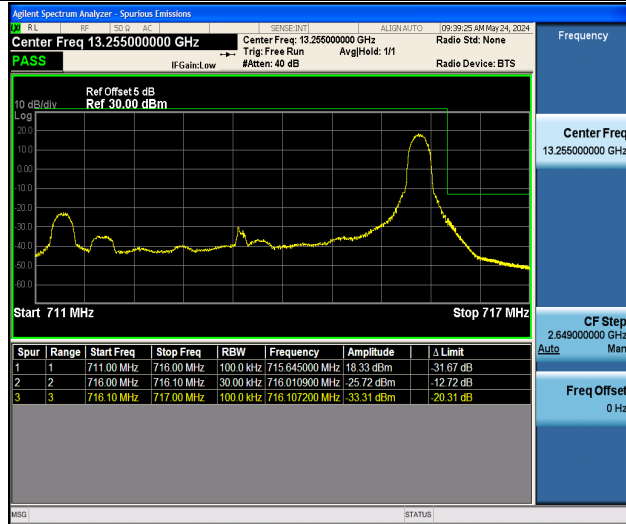
Band17_5MHz_QPSK_23825_1RB#0



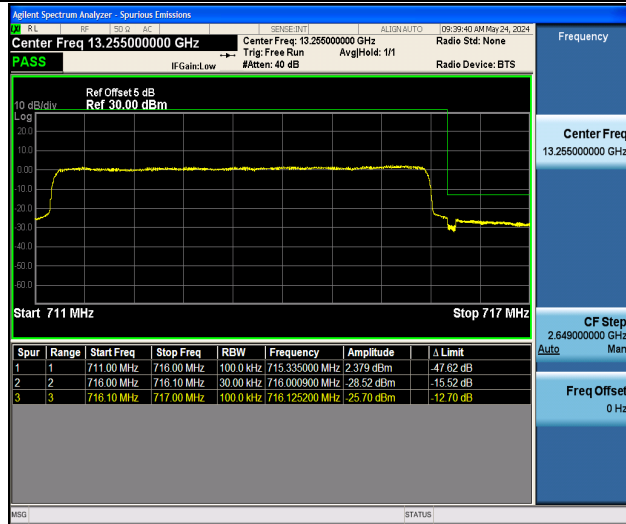
Band17_5MHz_16QAM_23825_1RB#0



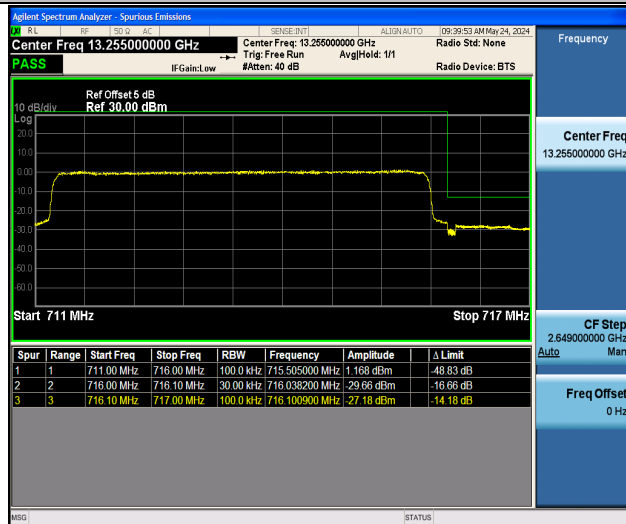
Band17_5MHz_QPSK_23825_1RB#24



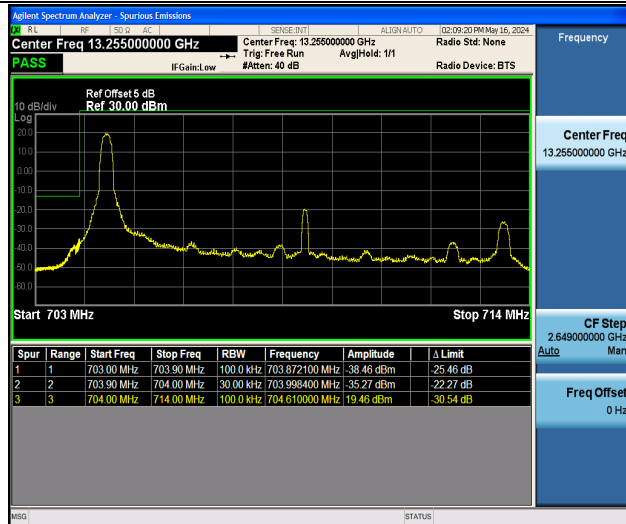
Band17_5MHz_16QAM_23825_1RB#24



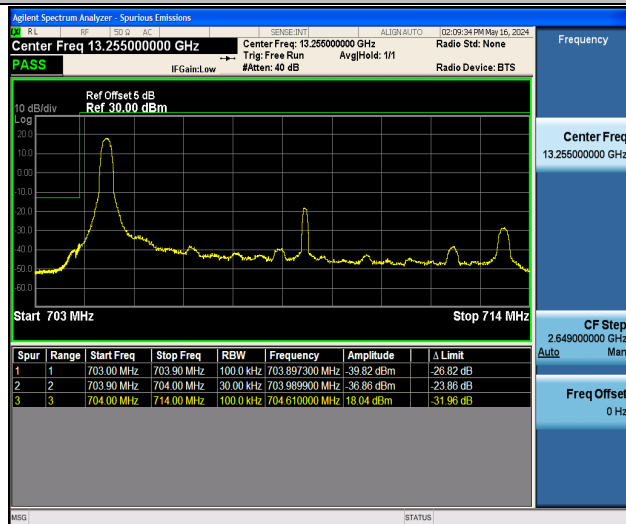
Band17_5MHz_QPSK_23825_25RB#0



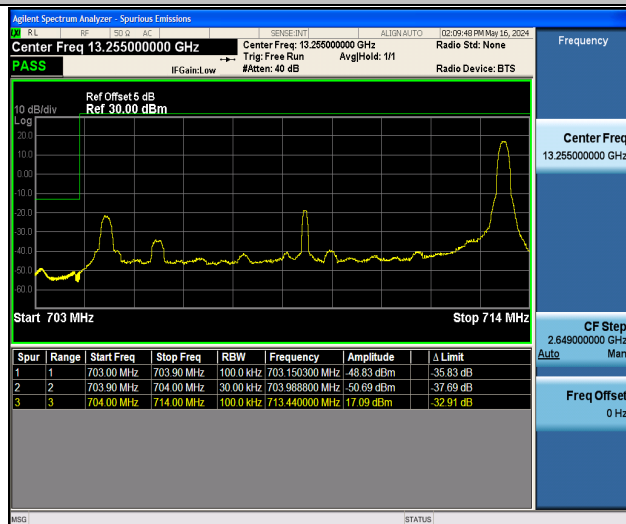
Band17_5MHz_16QAM_23825_25RB#0



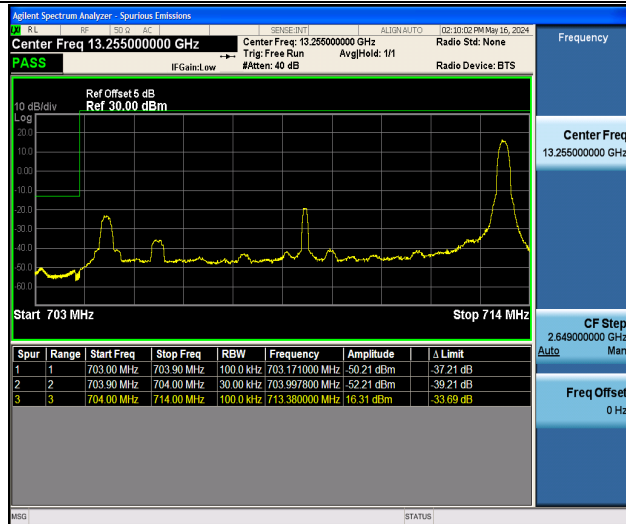
Band17_10MHz_QPSK_23780_1RB#0



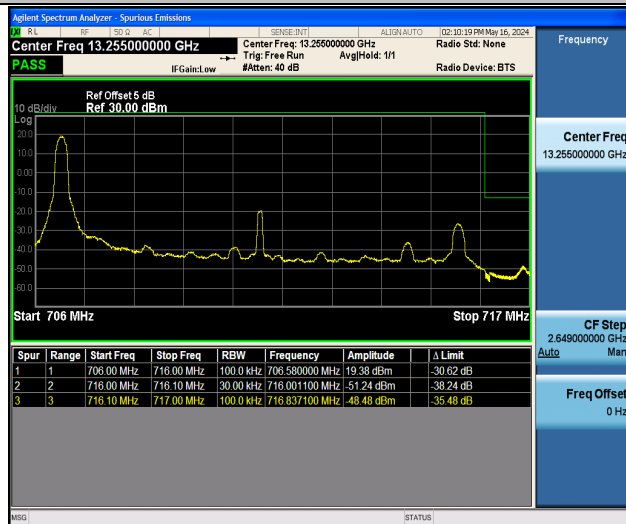
Band17_10MHz_16QAM_23780_1RB#0



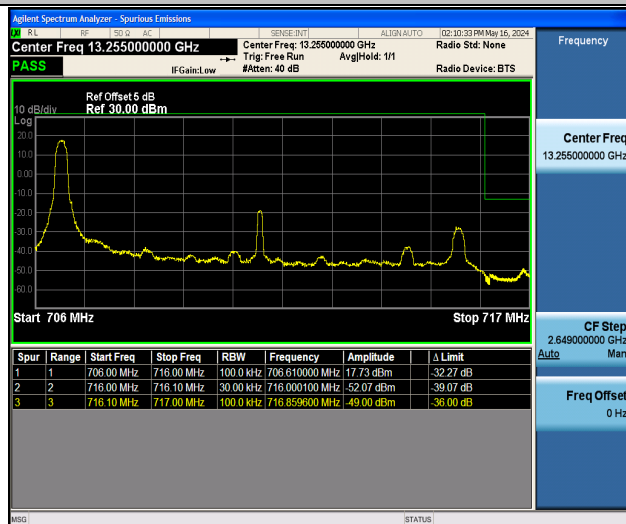
Band17_10MHz_QPSK_23780_1RB#49



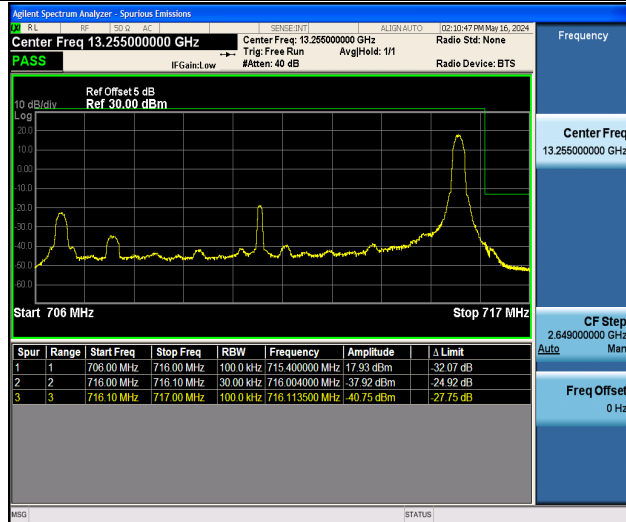
Band17_10MHz_16QAM_23780_1RB#49



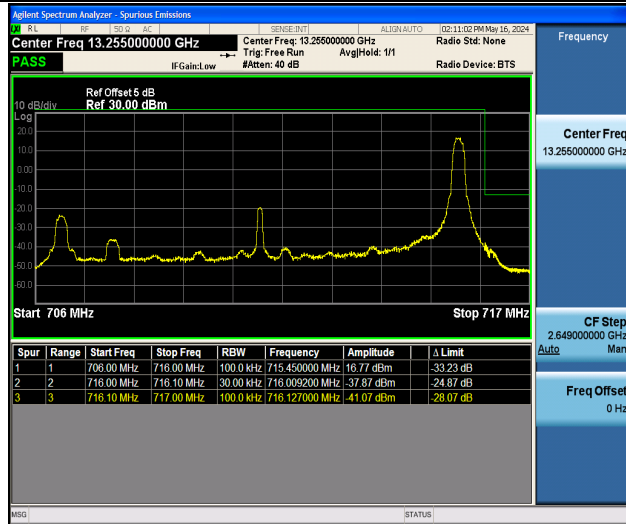
Band17_10MHz_QPSK_23800_1RB#0



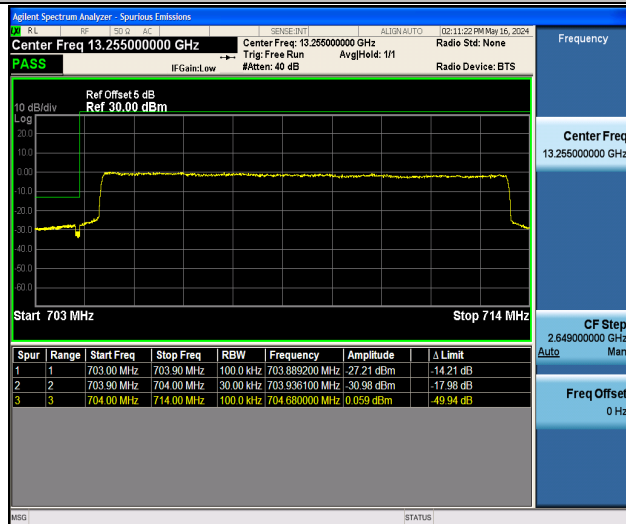
Band17_10MHz_16QAM_23800_1RB#0



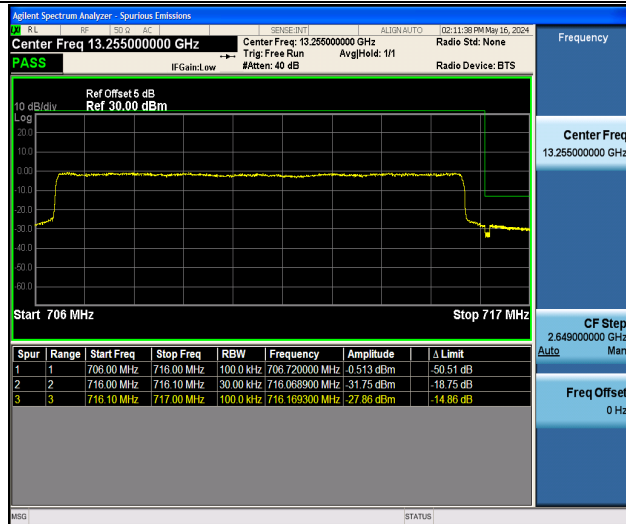
Band17_10MHz_QPSK_23800_1RB#49



Band17_10MHz_16QAM_23800_1RB#49



Band17_10MHz_QPSK_23780_50RB#0



Band17_10MHz_QPSK_23800_50RB#0

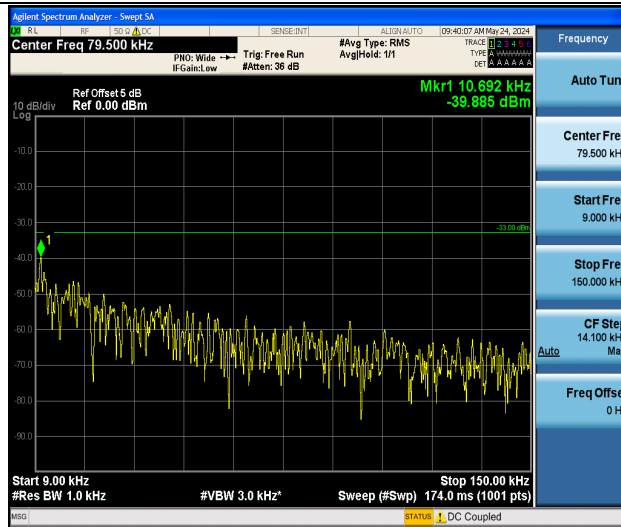
1.5. Appendix E: Conducted Spurious Emission

Test Result

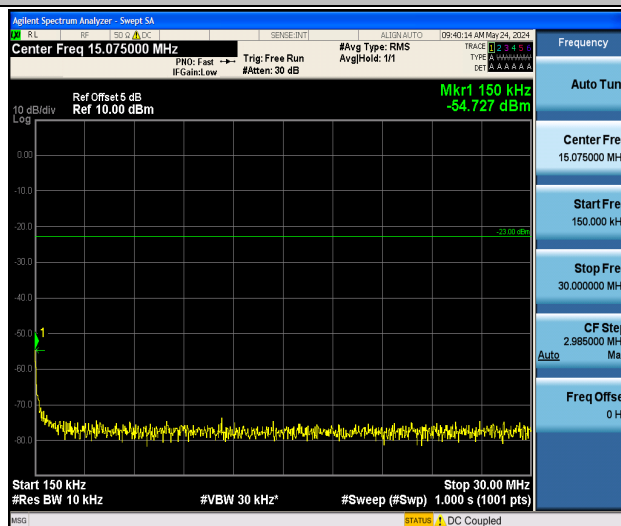
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	0.009~0.15	-39.89	PASS
Band17	5MHz	QPSK	23755	1RB#0	0.15~30	-54.73	PASS
Band17	5MHz	QPSK	23755	1RB#0	30~1000	-55.31	PASS
Band17	5MHz	QPSK	23755	1RB#0	1000~3000	-38.73	PASS
Band17	5MHz	QPSK	23755	1RB#0	3000~10000	-49.87	PASS
Band17	5MHz	QPSK	23790	1RB#0	0.009~0.15	-39.04	PASS
Band17	5MHz	QPSK	23790	1RB#0	0.15~30	-52.13	PASS
Band17	5MHz	QPSK	23790	1RB#0	30~1000	-54.14	PASS
Band17	5MHz	QPSK	23790	1RB#0	1000~3000	-38.83	PASS
Band17	5MHz	QPSK	23790	1RB#0	3000~10000	-50.27	PASS
Band17	5MHz	16QAM	23790	1RB#0	0.009~0.15	-42.97	PASS
Band17	5MHz	16QAM	23790	1RB#0	0.15~30	-53.39	PASS
Band17	5MHz	16QAM	23790	1RB#0	30~1000	-53.54	PASS
Band17	5MHz	16QAM	23790	1RB#0	1000~3000	-41.79	PASS
Band17	5MHz	16QAM	23790	1RB#0	3000~10000	-50.11	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.009~0.15	-40.52	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.15~30	-54.89	PASS
Band17	5MHz	QPSK	23825	1RB#0	30~1000	-56.39	PASS
Band17	5MHz	QPSK	23825	1RB#0	1000~3000	-46.49	PASS
Band17	10MHz	QPSK	23780	1RB#0	0.009~0.15	-41.77	PASS
Band17	10MHz	QPSK	23780	1RB#0	0.15~30	-54.95	PASS
Band17	10MHz	QPSK	23780	1RB#0	30~1000	-64.37	PASS
Band17	10MHz	QPSK	23780	1RB#0	1000~3000	-39.35	PASS
Band17	10MHz	QPSK	23780	1RB#0	3000~10000	-50.13	PASS
Band17	10MHz	16QAM	23780	1RB#0	0.009~0.15	-43.44	PASS
Band17	10MHz	16QAM	23780	1RB#0	0.15~30	-54.33	PASS
Band17	10MHz	16QAM	23780	1RB#0	1000~3000	-39.20	PASS
Band17	10MHz	16QAM	23780	1RB#0	3000~10000	-49.75	PASS
Band17	10MHz	QPSK	23790	1RB#0	0.009~0.15	-40.83	PASS
Band17	10MHz	QPSK	23790	1RB#0	0.15~30	-53.57	PASS
Band17	10MHz	QPSK	23790	1RB#0	30~1000	-64.64	PASS
Band17	10MHz	QPSK	23790	1RB#0	1000~3000	-39.38	PASS

Band17	10MHz	QPSK	23790	1RB#0	3000~10000	-50.11	PASS
Band17	10MHz	16QAM	23790	1RB#0	0.009~0.15	-40.84	PASS
Band17	10MHz	16QAM	23790	1RB#0	0.15~30	-54.15	PASS
Band17	10MHz	16QAM	23790	1RB#0	30~1000	-64.51	PASS
Band17	10MHz	16QAM	23790	1RB#0	1000~3000	-40.01	PASS
Band17	10MHz	16QAM	23790	1RB#0	3000~10000	-50.34	PASS
Band17	10MHz	QPSK	23800	1RB#0	0.009~0.15	-44.71	PASS
Band17	10MHz	QPSK	23800	1RB#0	0.15~30	-52.71	PASS
Band17	10MHz	QPSK	23800	1RB#0	30~1000	-64.59	PASS
Band17	10MHz	QPSK	23800	1RB#0	1000~3000	-40.83	PASS
Band17	10MHz	QPSK	23800	1RB#0	3000~10000	-50.08	PASS
Band17	10MHz	16QAM	23780	1RB#0	30~1000	-64.77	PASS
Band17	10MHz	16QAM	23800	1RB#0	0.009~0.15	-38.37	PASS
Band17	10MHz	16QAM	23800	1RB#0	0.15~30	-55.46	PASS
Band17	10MHz	16QAM	23800	1RB#0	30~1000	-64.38	PASS
Band17	10MHz	16QAM	23800	1RB#0	1000~3000	-40.14	PASS
Band17	10MHz	16QAM	23800	1RB#0	3000~10000	-49.99	PASS
Band17	5MHz	16QAM	23755	1RB#0	0.009~0.15	-43.97	PASS
Band17	5MHz	16QAM	23755	1RB#0	0.15~30	-54.16	PASS
Band17	5MHz	16QAM	23755	1RB#0	30~1000	-55.26	PASS
Band17	5MHz	16QAM	23755	1RB#0	1000~3000	-40.46	PASS
Band17	5MHz	16QAM	23755	1RB#0	3000~10000	-50.24	PASS
Band17	5MHz	QPSK	23825	1RB#0	3000~10000	-50.29	PASS
Band17	5MHz	16QAM	23825	1RB#0	0.009~0.15	-40.75	PASS
Band17	5MHz	16QAM	23825	1RB#0	0.15~30	-52.09	PASS
Band17	5MHz	16QAM	23825	1RB#0	30~1000	-56.42	PASS
Band17	5MHz	16QAM	23825	1RB#0	1000~3000	-44.45	PASS
Band17	5MHz	16QAM	23825	1RB#0	3000~10000	-50.34	PASS

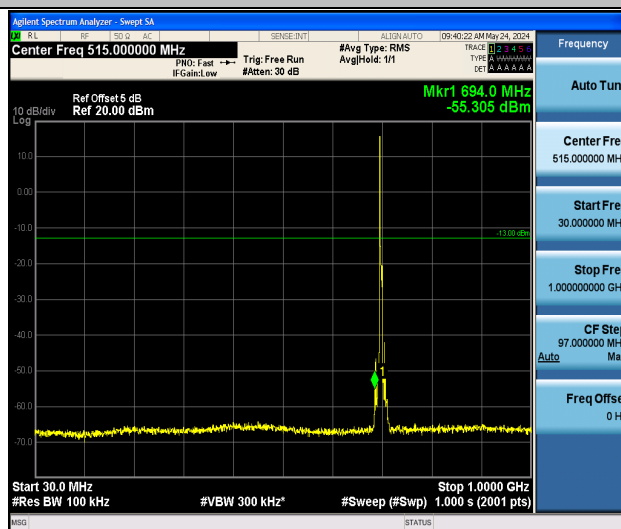
Test Graphs



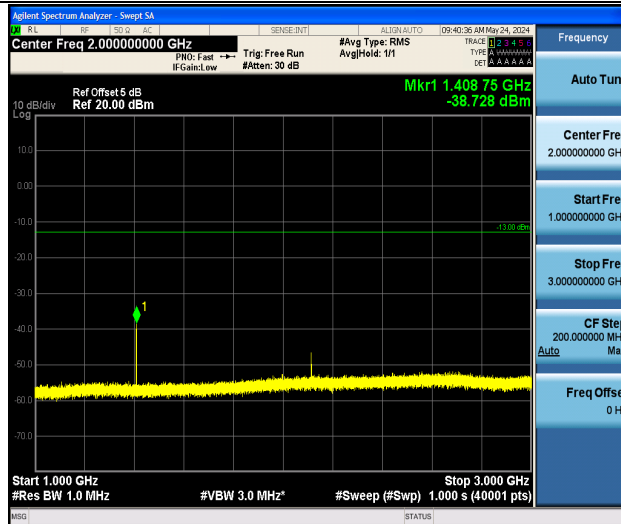
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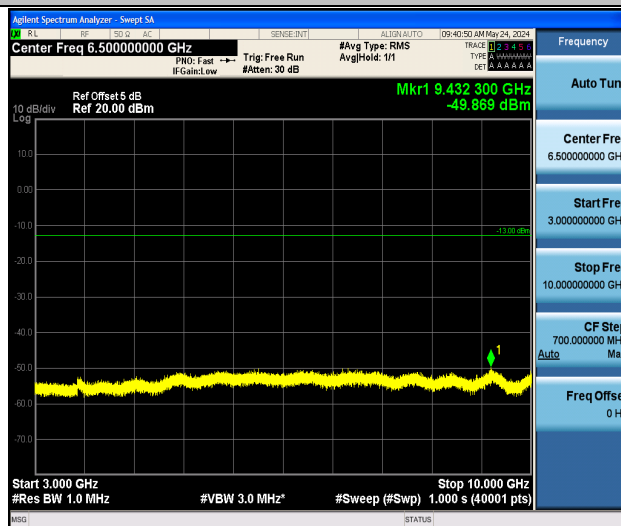
Band17_5MHz_QPSK_23755_1RB#0_0.15~30_0.15~30



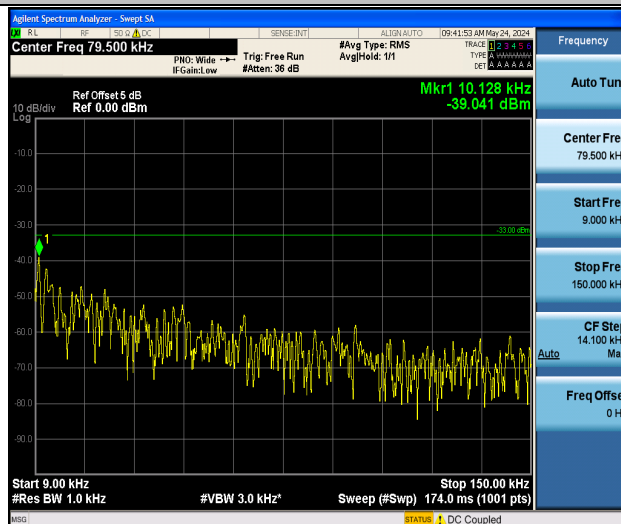
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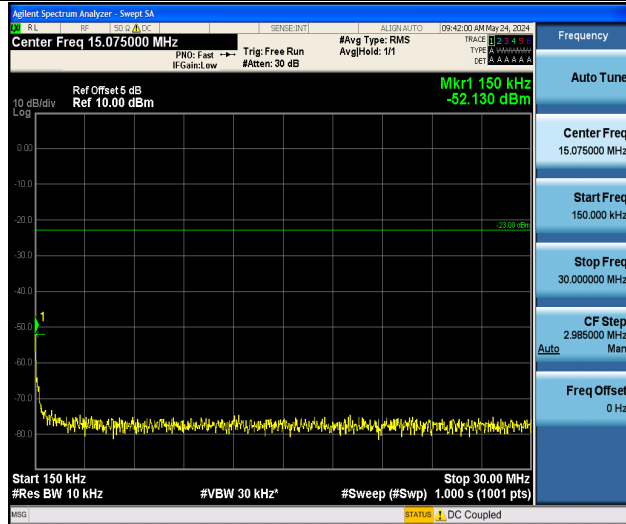
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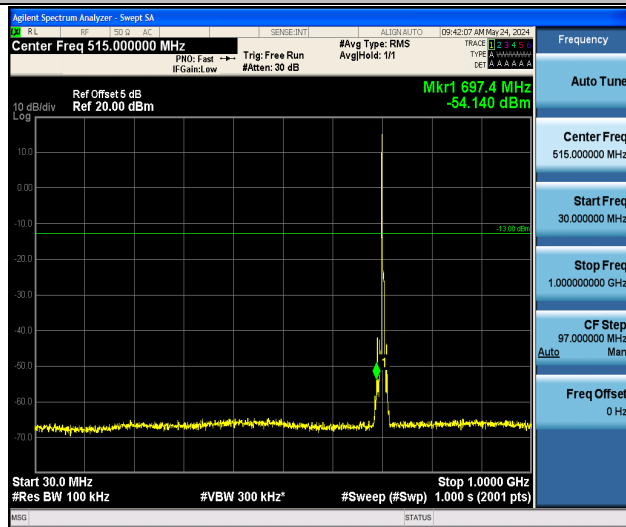
Band17_5MHz_QPSK_23755_1RB#0_3000~10000_3000~10000



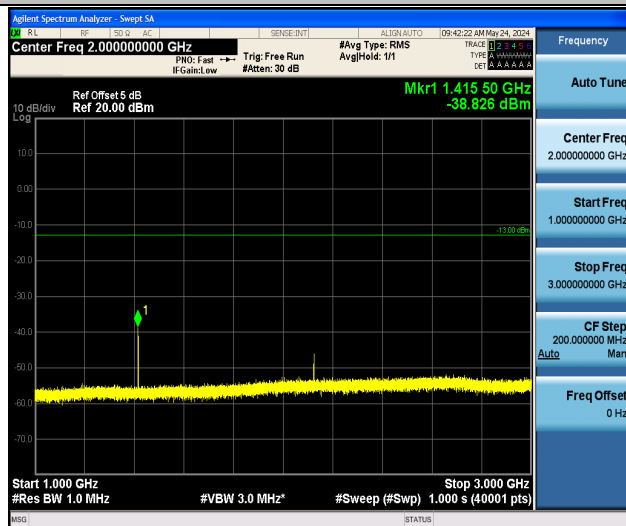
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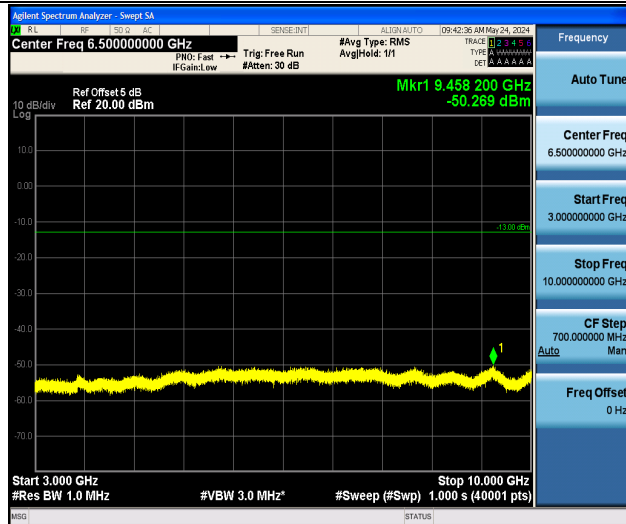
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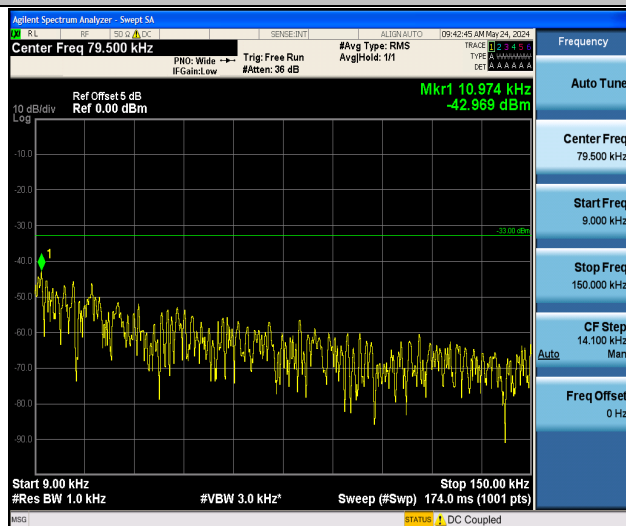
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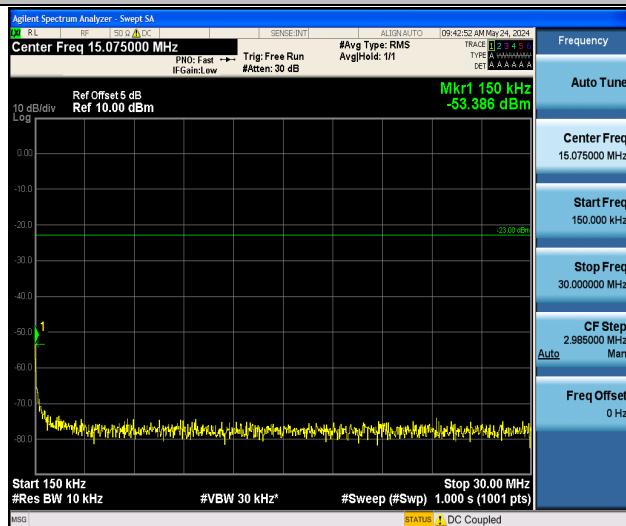
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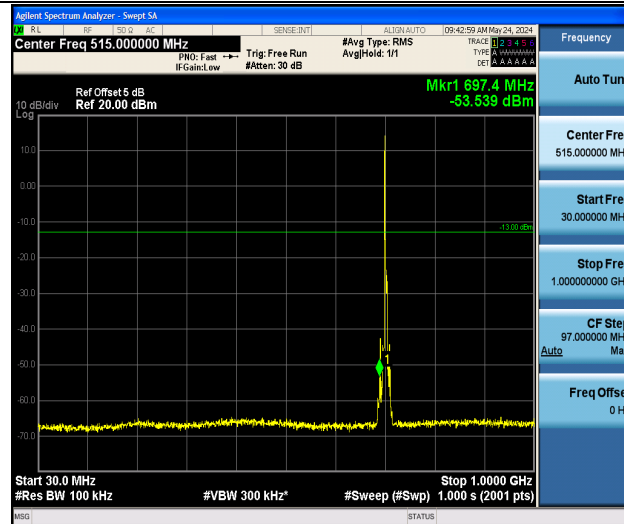
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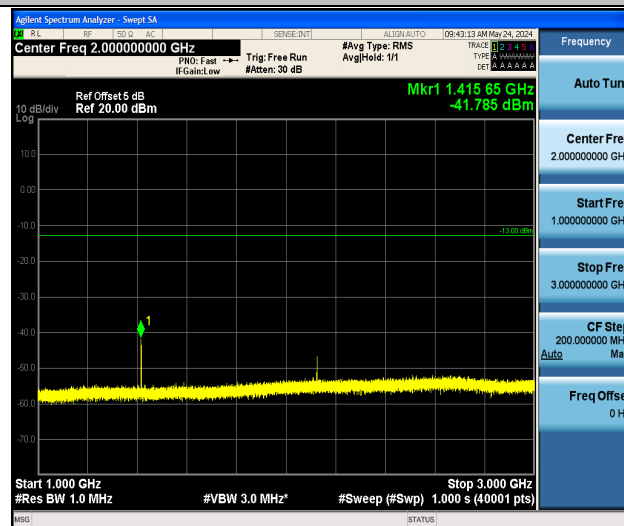
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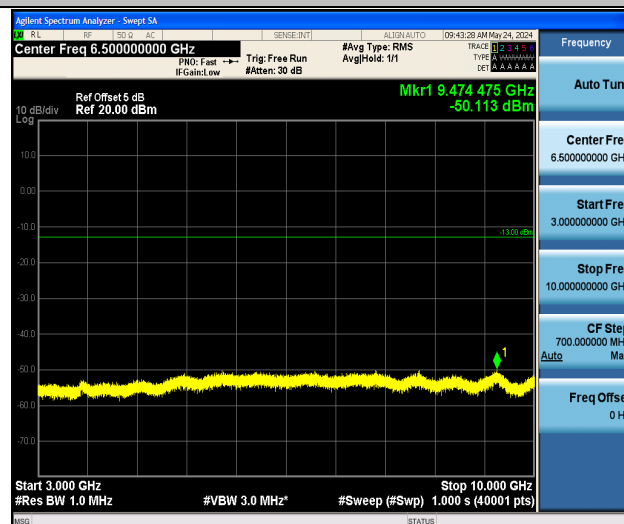
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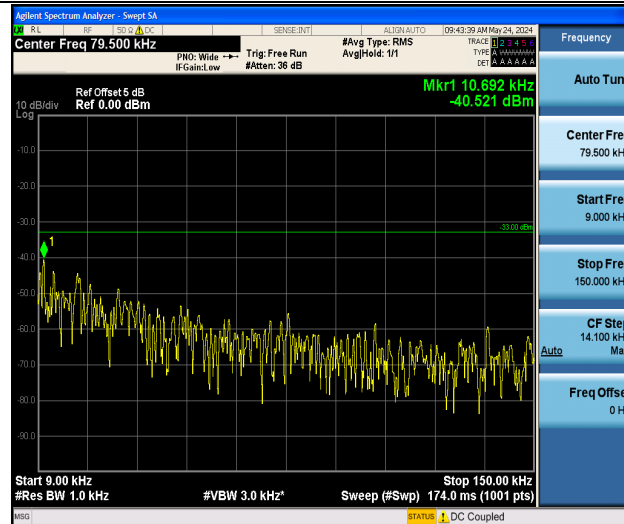
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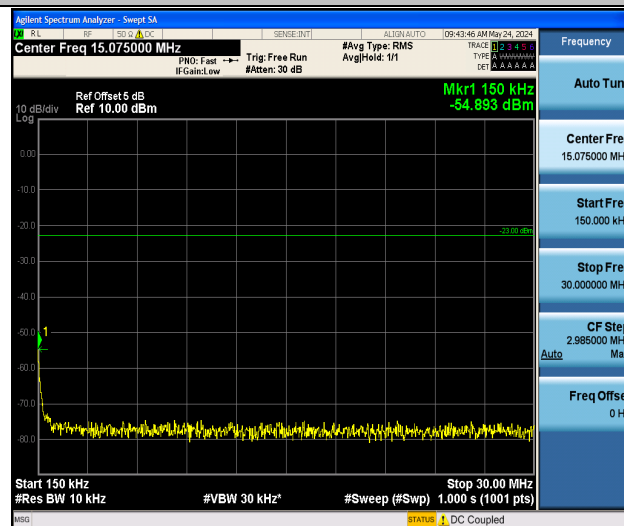
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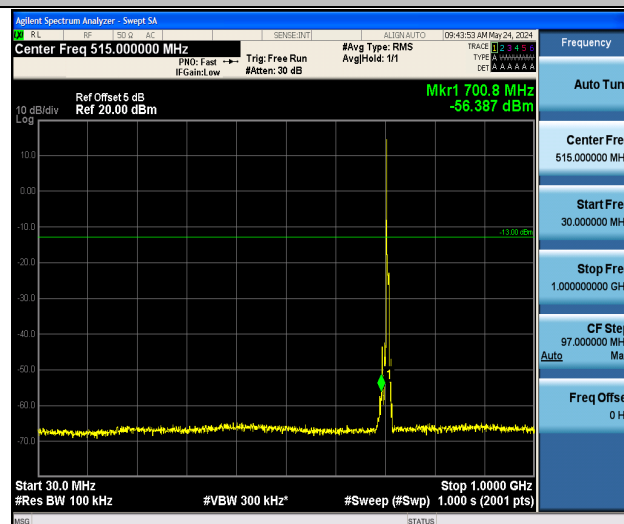
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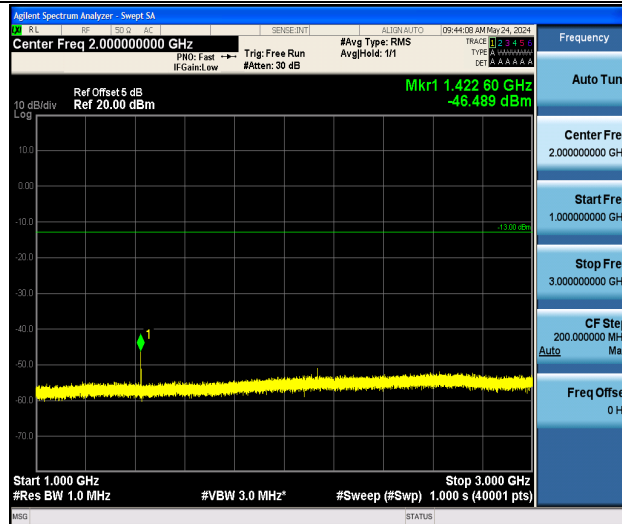
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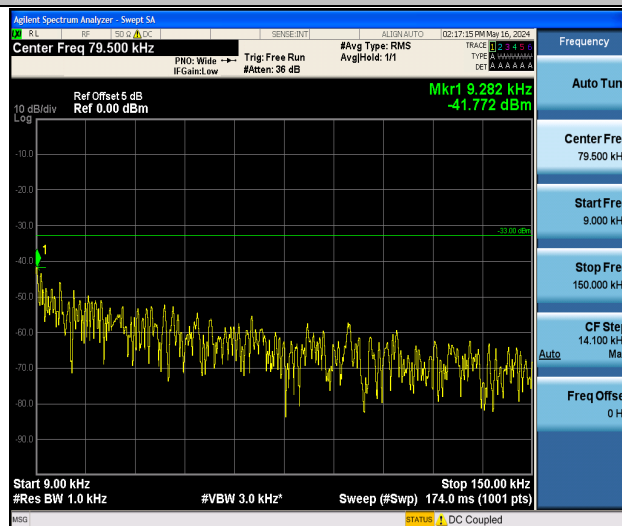
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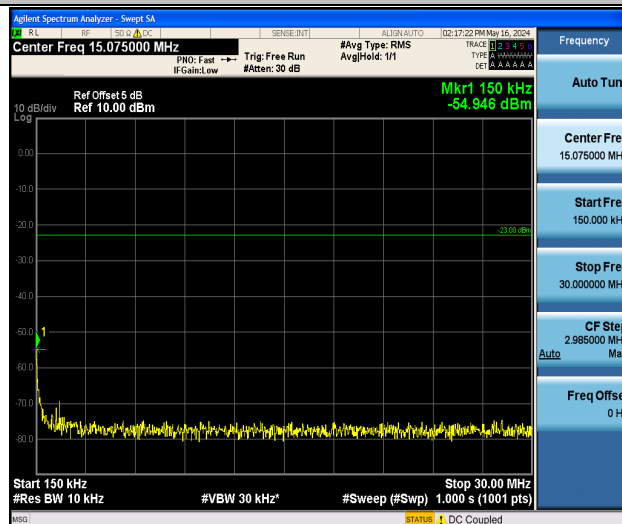
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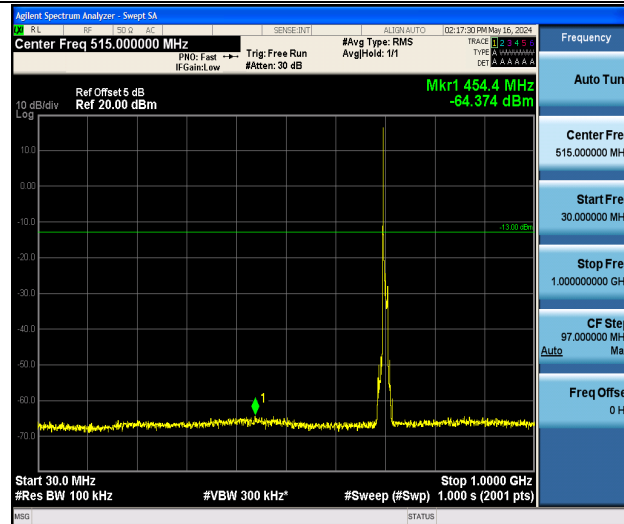
Band17_5MHz_QPSK_23825_1RB#0_1000~3000_1000~3000



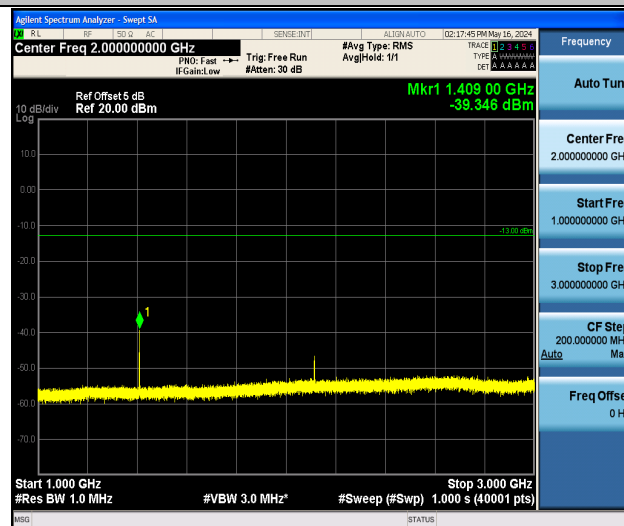
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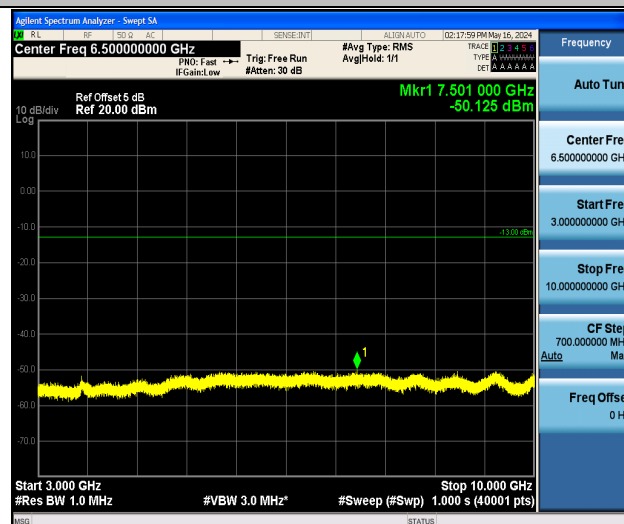
Band17_10MHz_QPSK_23780_1RB#0_0.15~30_0.15~30



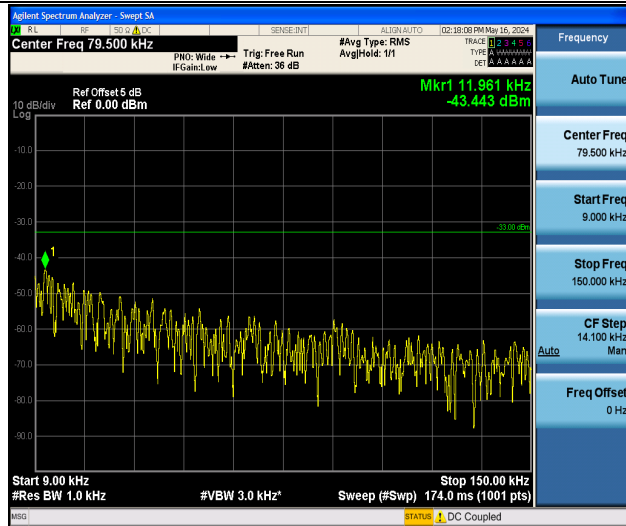
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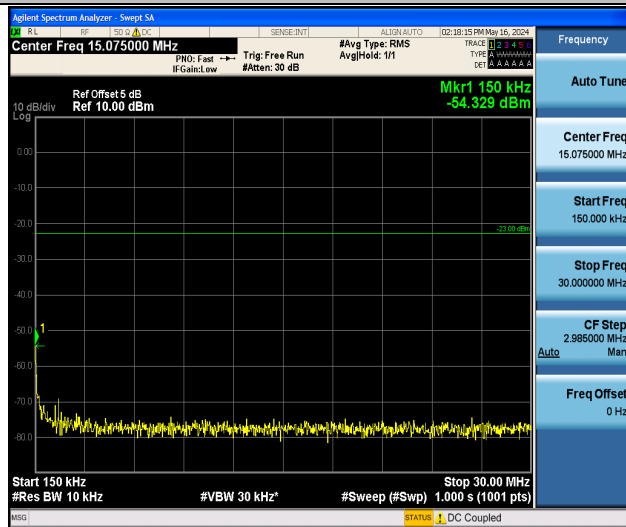
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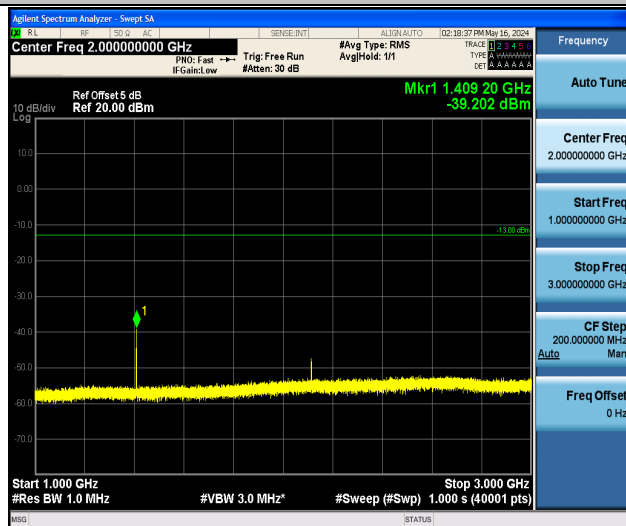
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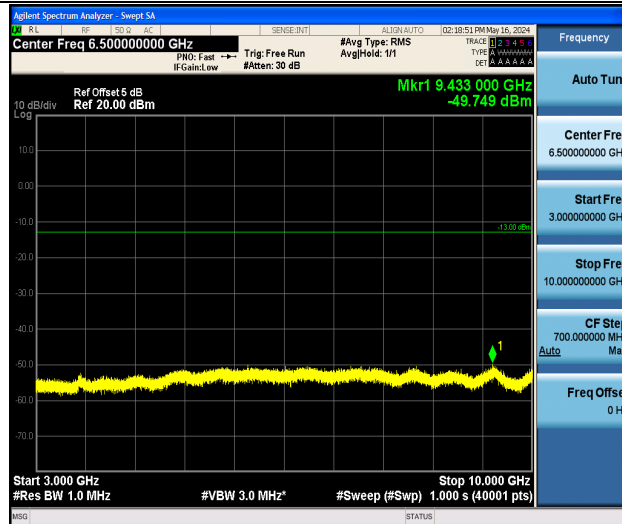
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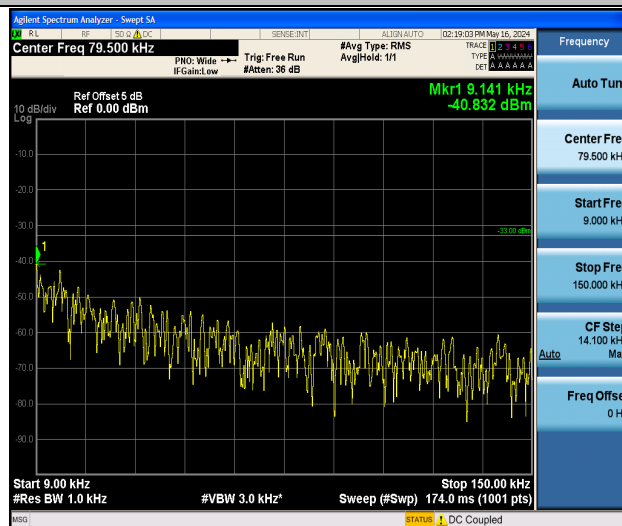
Band17_10MHz_16QAM_23780_1RB#0_0.15~30_0.15~30



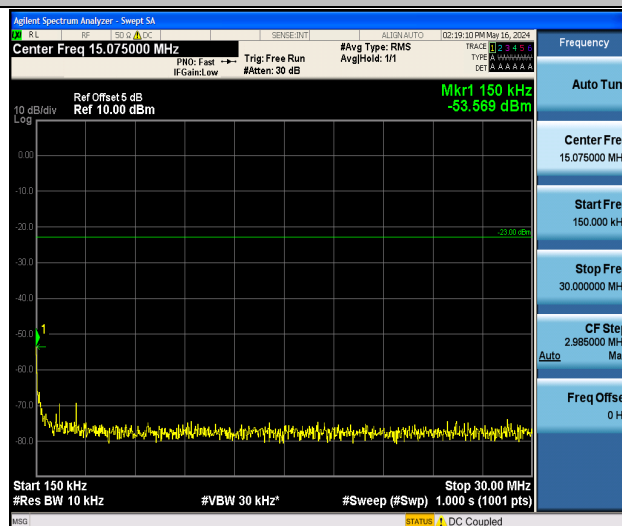
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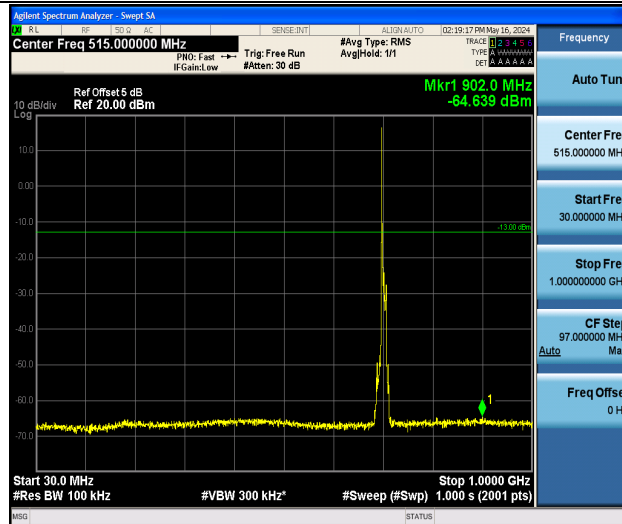
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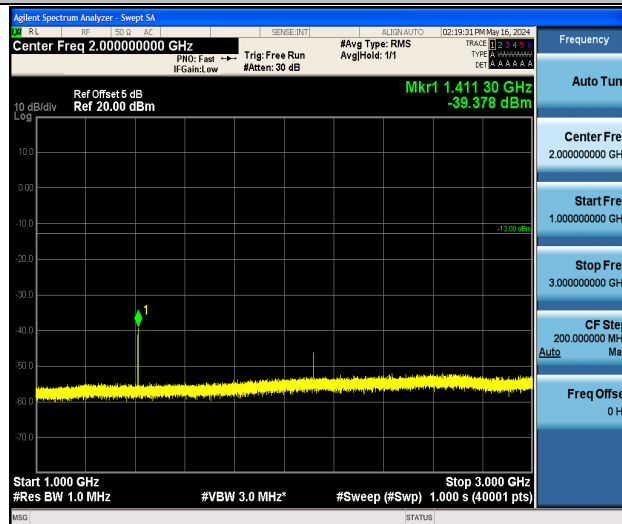
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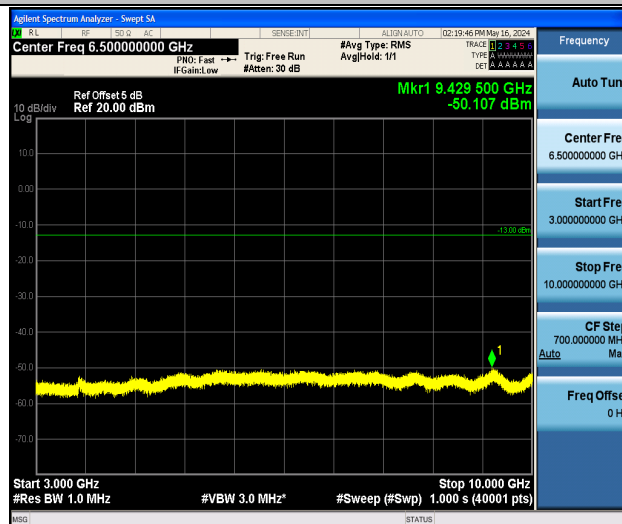
Band17_10MHz_QPSK_23790_1RB#0_0.15~30_0.15~30



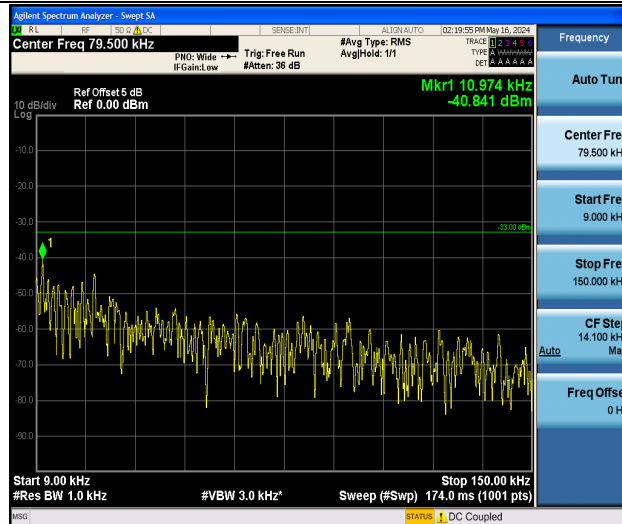
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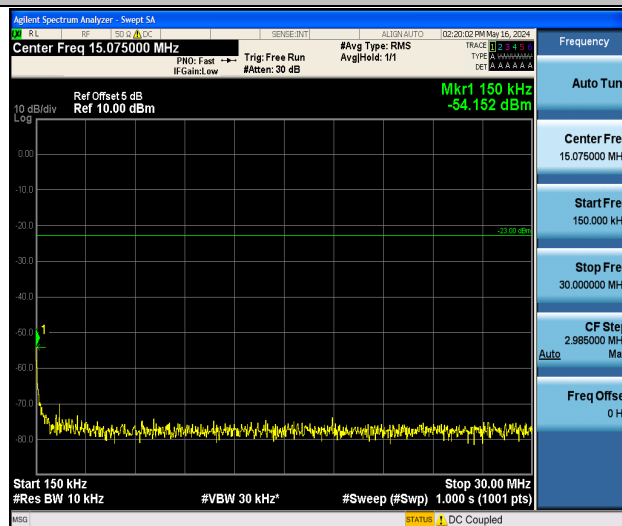
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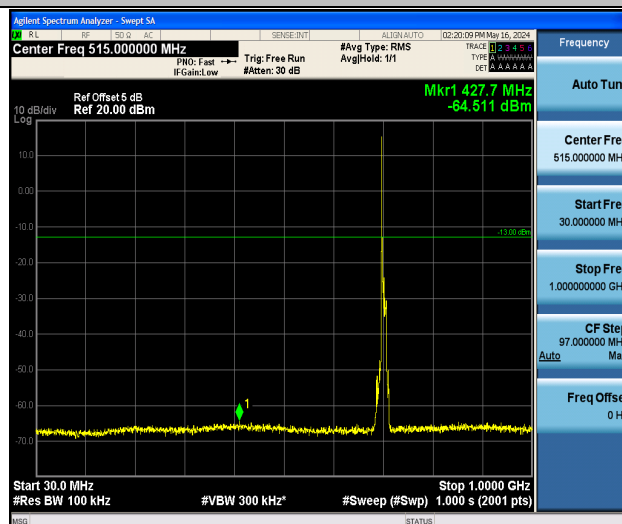
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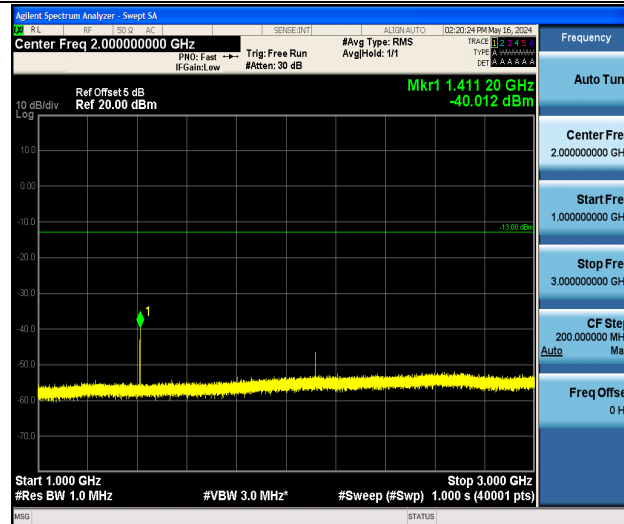
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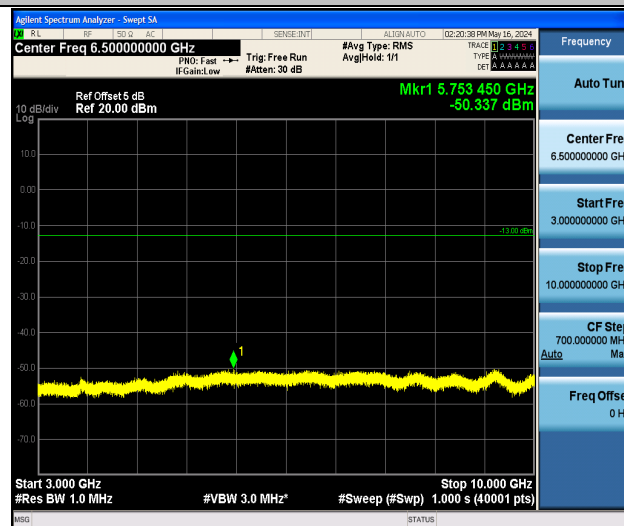
Band17_10MHz_16QAM_23790_1RB#0_0.15~30_0.15~30



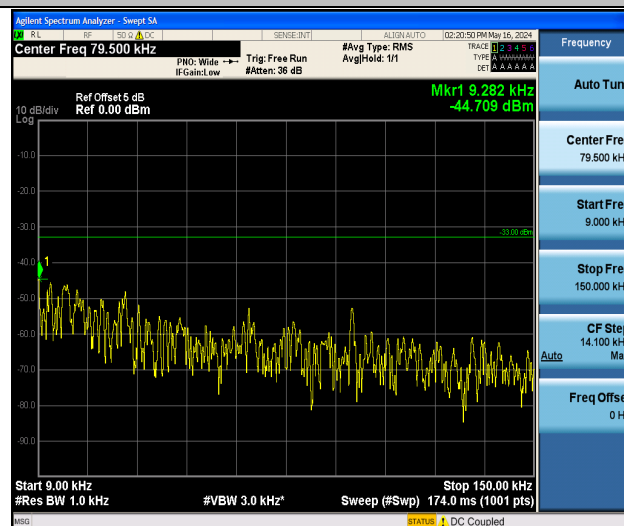
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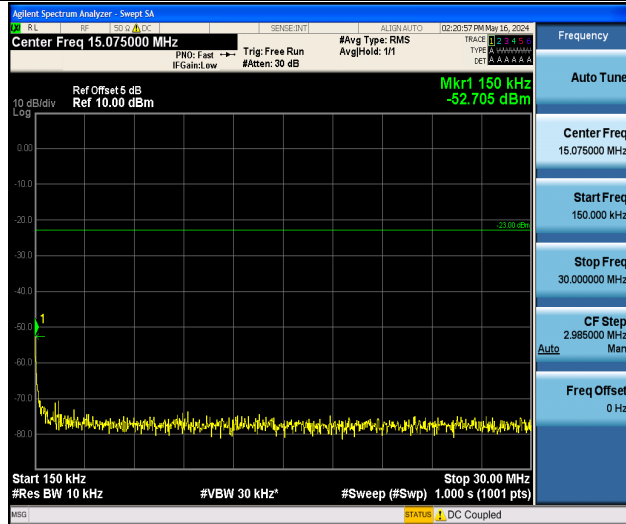
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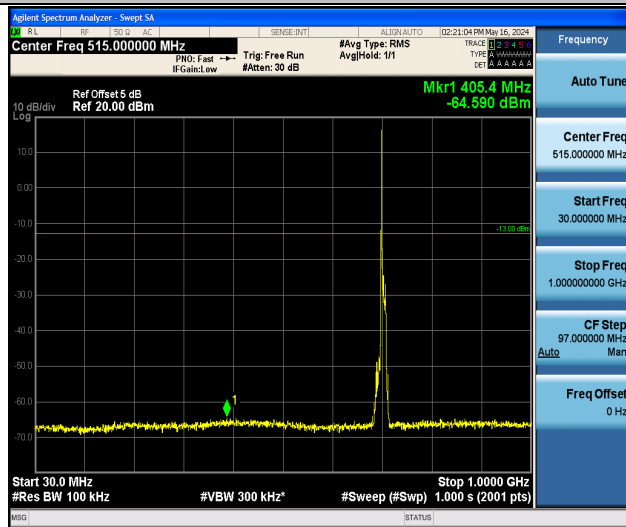
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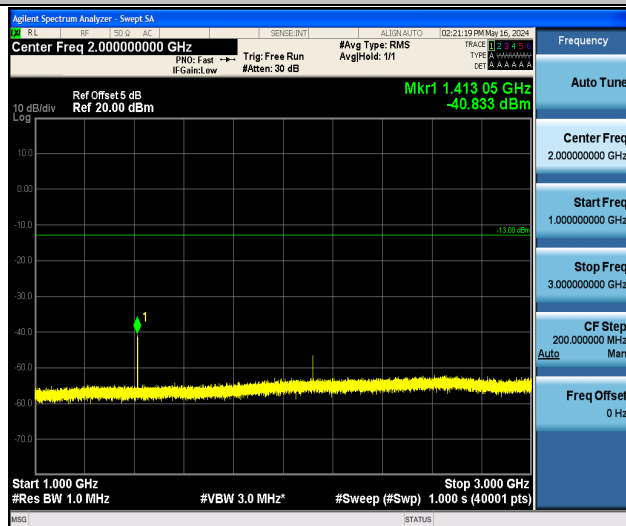
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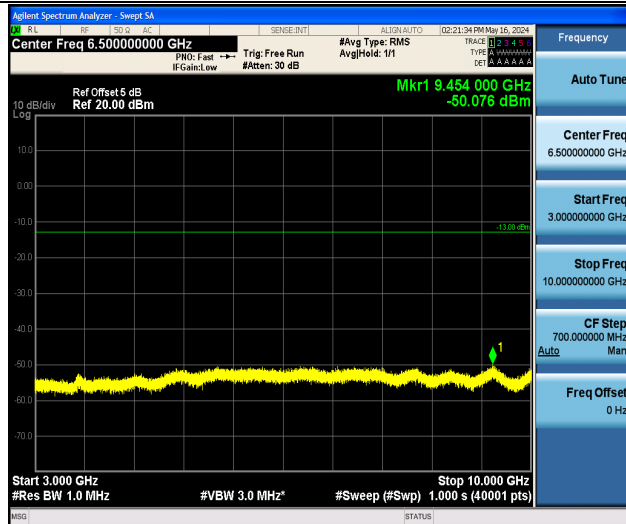
Band17_10MHz_QPSK_23800_1RB#0_0.15~30_0.15~30



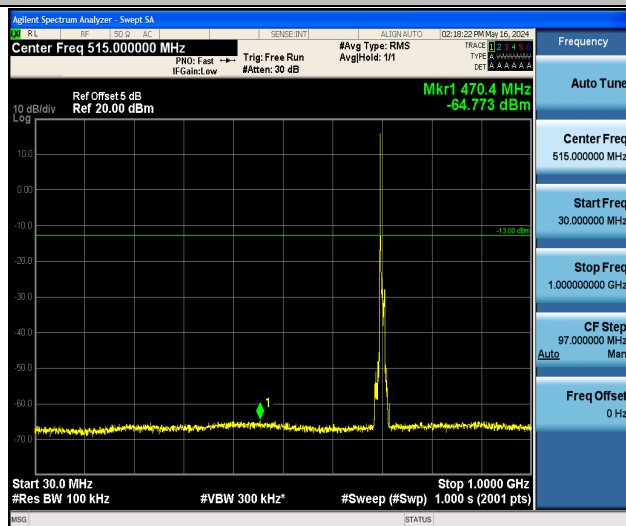
Band17_10MHz_QPSK_23800_1RB#0_30~1000_30~1000



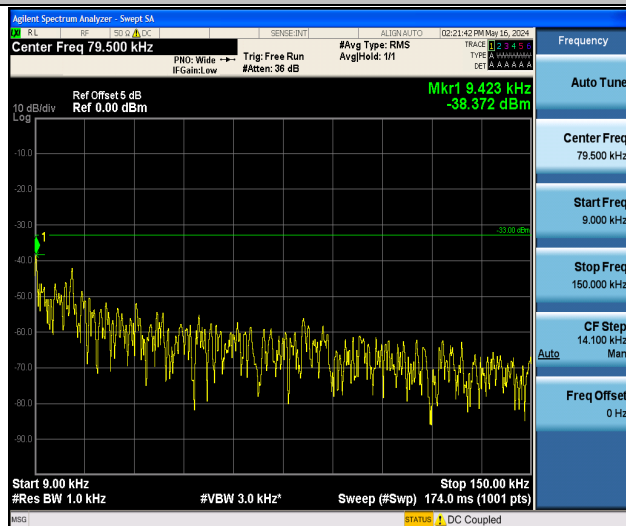
Band17_10MHz_QPSK_23800_1RB#0_1000~3000_1000~3000



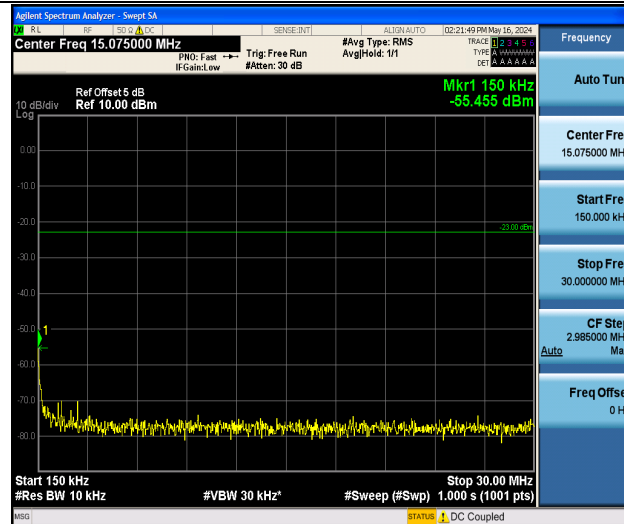
Band17_10MHz_QPSK_23800_1RB#0_3000~10000_3000~10000



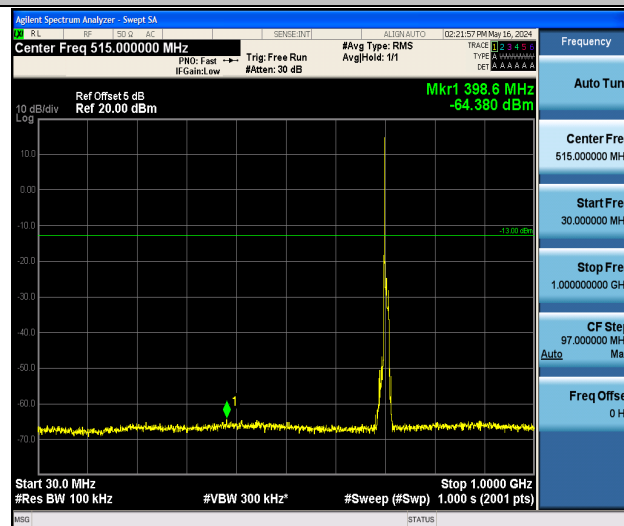
Band17_10MHz_16QAM_23780_1RB#0_30~1000_30~1000



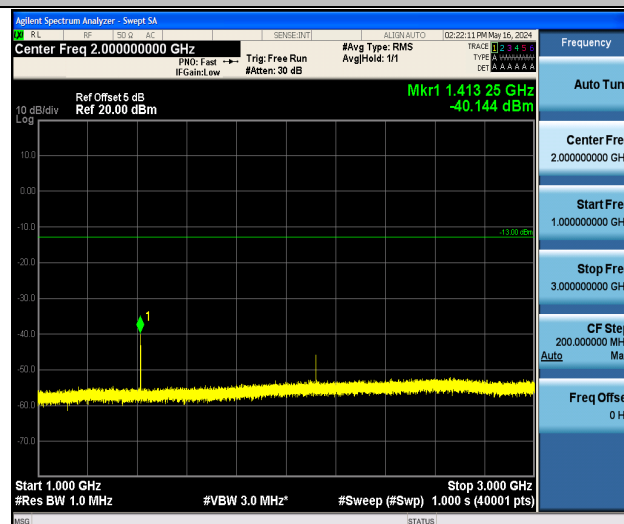
Band17_10MHz_16QAM_23800_1RB#0_0.009~0.15_0.009~0.15



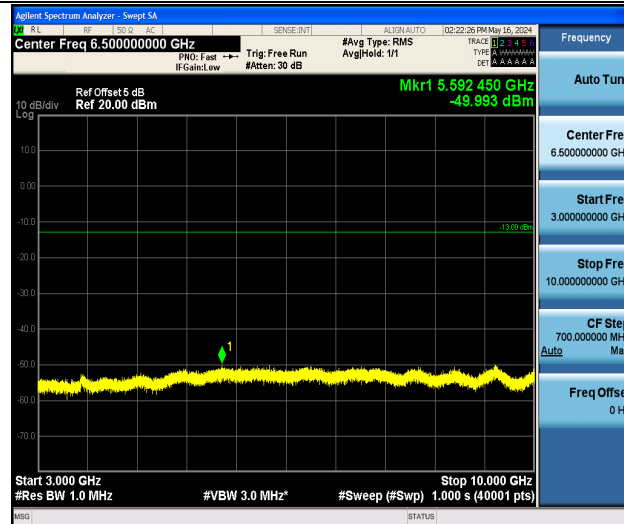
Band17_10MHz_16QAM_23800_1RB#0_0.15~30_0.15~30



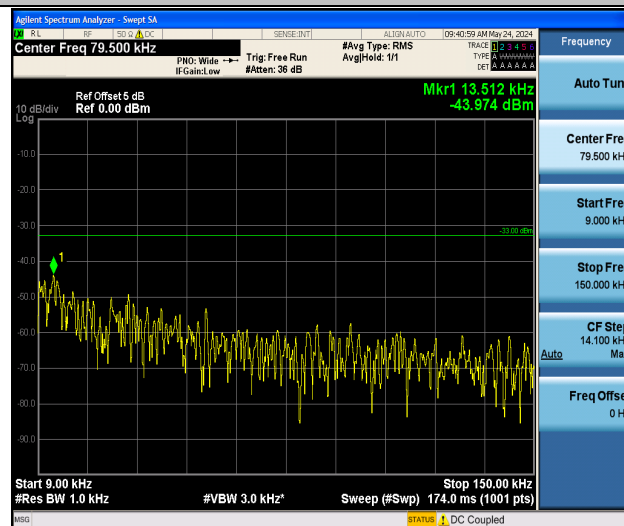
Band17_10MHz_16QAM_23800_1RB#0_30~1000_30~1000



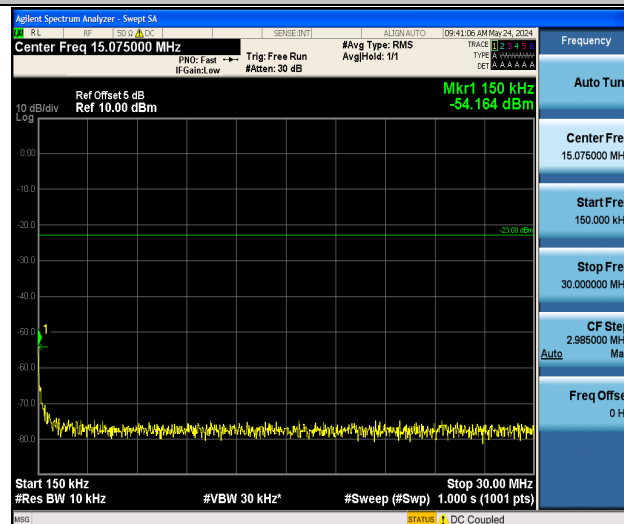
Band17_10MHz_16QAM_23800_1RB#0_1000~3000_1000~3000



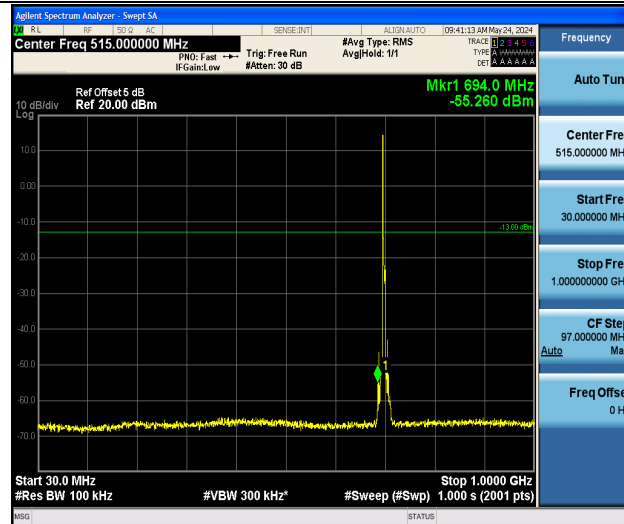
Band17_10MHz_16QAM_23800_1RB#0_3000~10000_3000~10000



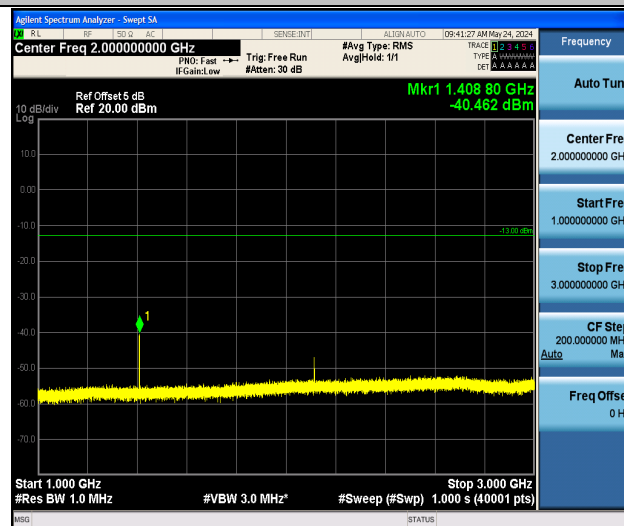
Band17_5MHz_16QAM_23755_1RB#0_0.009~0.15_0.009~0.15



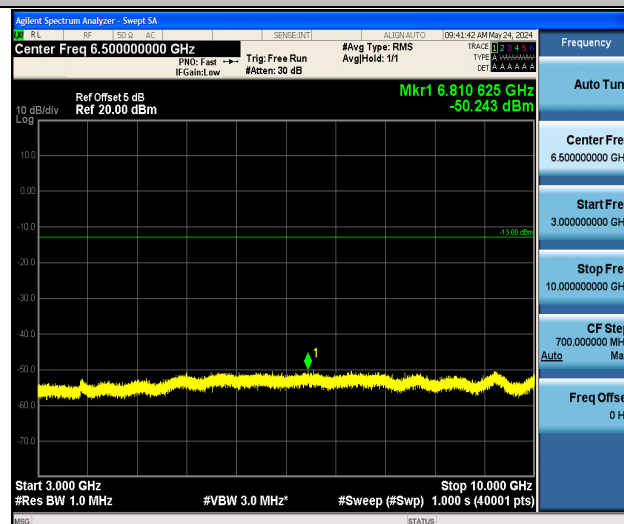
Band17_5MHz_16QAM_23755_1RB#0_0.15~30_0.15~30



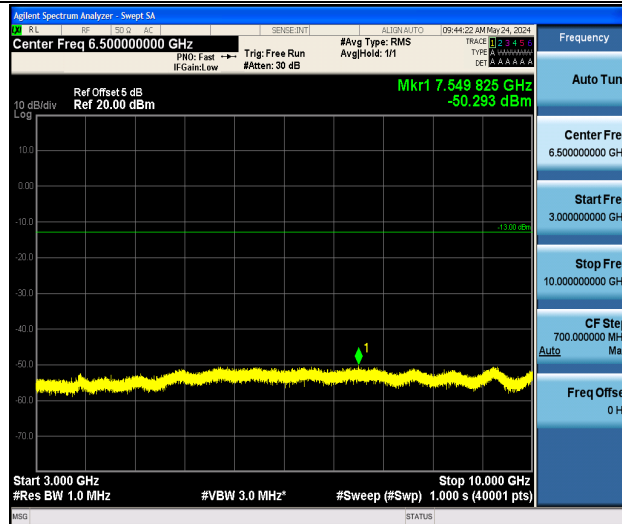
Band17_5MHz_16QAM_23755_1RB#0_30~1000_30~1000



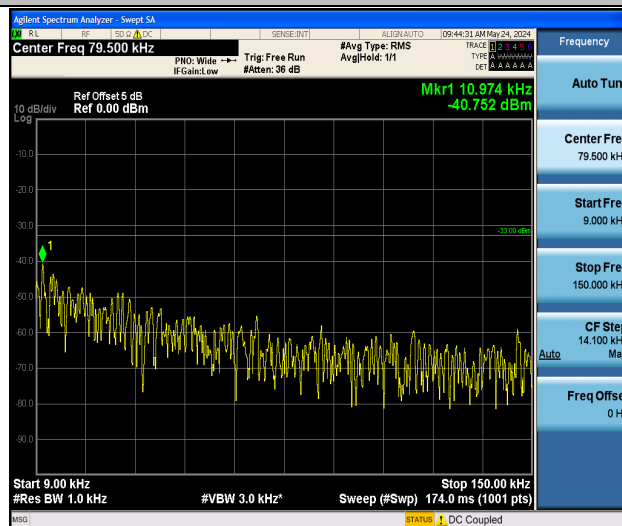
Band17_5MHz_16QAM_23755_1RB#0_1000~3000_1000~3000



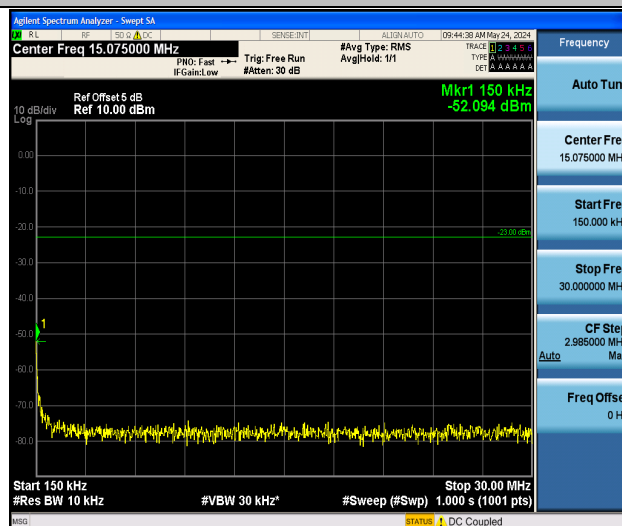
Band17_5MHz_16QAM_23755_1RB#0_3000~10000_3000~10000



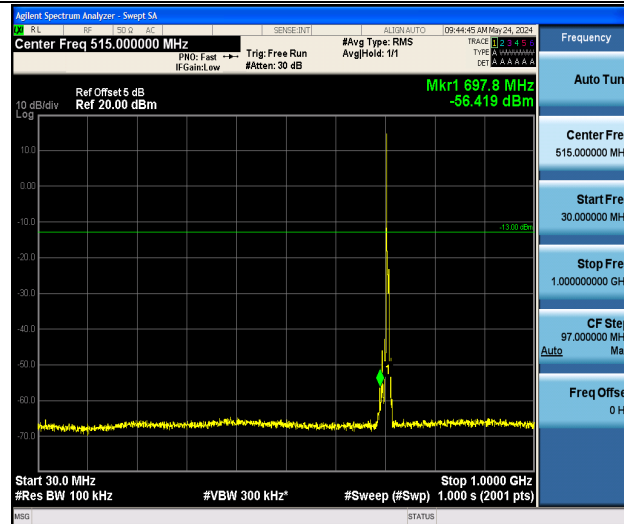
Band17_5MHz_QPSK_23825_1RB#0_3000~10000_3000~10000



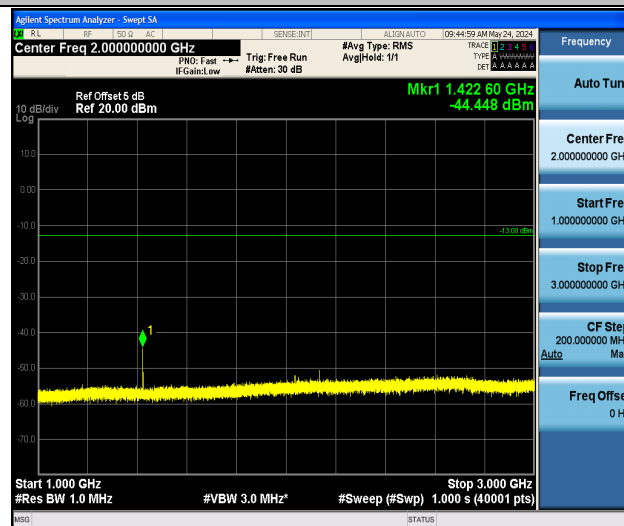
Band17_5MHz_16QAM_23825_1RB#0_0.009~0.15_0.009~0.15



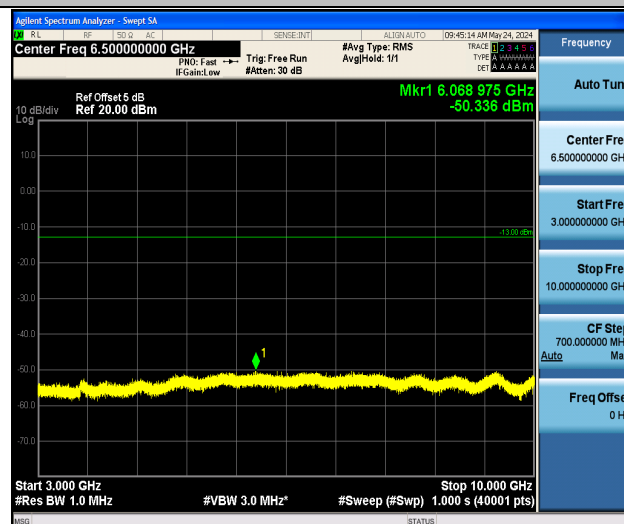
Band17_5MHz_16QAM_23825_1RB#0_0.15~30_0.15~30



Band17_5MHz_16QAM_23825_1RB#0_30~1000_30~1000



Band17_5MHz_16QAM_23825_1RB#0_1000~3000_1000~3000



Band17_5MHz_16QAM_23825_1RB#0_3000~10000_3000~10000

1.6. 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	VN	NT	-7.90	-0.011182	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VL	NT	-4.29	-0.006072	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VH	NT	3.40	0.004812	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VN	NT	5.02	0.007105	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VL	NT	7.68	0.010870	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VH	NT	7.94	0.011238	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VN	NT	15.05	0.021197	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VL	NT	-8.04	-0.011324	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VH	NT	-5.76	-0.008113	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VN	NT	6.85	0.009648	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VL	NT	6.35	0.008944	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VH	NT	6.77	0.009535	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VN	NT	15.05	0.021093	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VL	NT	-8.25	-0.011563	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VH	NT	-7.95	-0.011142	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VN	NT	-3.18	-0.004457	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VL	NT	8.15	0.011423	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VH	NT	6.84	0.009587	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VN	NT	-3.82	-0.005388	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VL	NT	6.31	0.008900	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VH	NT	4.36	0.006150	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	-3.98	-0.005606	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	6.04	0.008507	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	-3.00	-0.004225	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VN	NT	-8.15	-0.011463	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VL	NT	7.82	0.010999	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VH	NT	5.65	0.007947	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	5MHz	16QAM	23755	25RB#0	NV	0	-3.89	-0.005506	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	10	7.74	0.010955	±2.5	PASS

Band17	5MHz	16QAM	23755	25RB#0	NV	20	8.11	0.011479	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	30	3.96	0.005605	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	40	7.48	0.010587	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	0	-6.97	-0.009817	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	10	-9.63	-0.013563	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	20	6.92	0.009746	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	30	-7.01	-0.009873	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	40	6.11	0.008606	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	0	6.01	0.008465	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	10	5.02	0.007070	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	20	5.91	0.008324	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	30	-4.23	-0.005958	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	40	4.98	0.007014	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	0	-6.82	-0.009559	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	20	-6.07	-0.008507	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	30	-2.62	-0.003672	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	40	-7.25	-0.010161	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	0	7.71	0.010806	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	10	2.79	0.003910	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	20	-3.43	-0.004807	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	30	-4.41	-0.006181	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	40	-8.13	-0.011395	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	5.21	0.007348	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	7.15	0.010085	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	-3.10	-0.004372	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	30	-2.93	-0.004133	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	40	3.63	0.005120	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	2.36	0.003324	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	7.42	0.010451	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-8.10	-0.011408	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-1.69	-0.002380	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	3.85	0.005423	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	4.32	0.006076	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	10	-5.59	-0.007862	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	5.84	0.008214	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	30	2.83	0.003980	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	40	5.98	0.008411	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	0	-6.94	-0.009823	±2.5	PASS

Band17	5MHz	QPSK	23755	25RB#0	NV	10	-2.02	-0.002859	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	20	3.45	0.004883	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	30	-2.93	-0.004147	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	40	5.36	0.007587	±2.5	PASS

-----END-----