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Appendix for LTE Band 17

Applicant: Imin Technology Pte Ltd

**Address: 11 Bishan Street 21, #03-05 Bosch Building, Singapore,
573943**

Product Name: POS Device

Model: I23M03

FCC ID: 2AYD5-I23M03

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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	24.90	PASS
Band17	5MHz	16QAM	23755	1RB#0	23.80	PASS
Band17	5MHz	QPSK	23755	1RB#12	25.06	PASS
Band17	5MHz	16QAM	23755	1RB#12	23.98	PASS
Band17	5MHz	QPSK	23755	1RB#24	24.88	PASS
Band17	5MHz	16QAM	23755	1RB#24	23.79	PASS
Band17	5MHz	QPSK	23755	12RB#0	23.77	PASS
Band17	5MHz	16QAM	23755	12RB#0	22.73	PASS
Band17	5MHz	QPSK	23755	12RB#6	23.73	PASS
Band17	5MHz	16QAM	23755	12RB#6	22.72	PASS
Band17	5MHz	QPSK	23755	12RB#13	24.02	PASS
Band17	5MHz	16QAM	23755	12RB#13	22.97	PASS
Band17	5MHz	QPSK	23755	25RB#0	23.87	PASS
Band17	5MHz	16QAM	23755	25RB#0	22.92	PASS
Band17	5MHz	QPSK	23790	1RB#0	24.83	PASS
Band17	5MHz	16QAM	23790	1RB#0	23.91	PASS
Band17	5MHz	QPSK	23790	1RB#12	25.00	PASS
Band17	5MHz	16QAM	23790	1RB#12	24.02	PASS
Band17	5MHz	QPSK	23790	1RB#24	24.90	PASS
Band17	5MHz	16QAM	23790	1RB#24	23.89	PASS
Band17	5MHz	QPSK	23790	12RB#0	23.81	PASS
Band17	5MHz	16QAM	23790	12RB#0	22.80	PASS
Band17	5MHz	QPSK	23790	12RB#6	23.83	PASS
Band17	5MHz	16QAM	23790	12RB#6	22.81	PASS
Band17	5MHz	QPSK	23790	12RB#13	23.75	PASS
Band17	5MHz	16QAM	23790	12RB#13	22.74	PASS
Band17	5MHz	QPSK	23790	25RB#0	23.84	PASS
Band17	5MHz	16QAM	23790	25RB#0	22.82	PASS
Band17	5MHz	QPSK	23825	1RB#0	24.94	PASS
Band17	5MHz	16QAM	23825	1RB#0	23.81	PASS
Band17	5MHz	QPSK	23825	1RB#12	25.00	PASS
Band17	5MHz	16QAM	23825	1RB#12	23.97	PASS
Band17	5MHz	QPSK	23825	1RB#24	24.89	PASS

Band17	5MHz	16QAM	23825	1RB#24	23.84	PASS
Band17	5MHz	QPSK	23825	12RB#0	24.08	PASS
Band17	5MHz	16QAM	23825	12RB#0	23.06	PASS
Band17	5MHz	QPSK	23825	12RB#6	24.10	PASS
Band17	5MHz	16QAM	23825	12RB#6	23.04	PASS
Band17	5MHz	QPSK	23825	12RB#13	24.02	PASS
Band17	5MHz	16QAM	23825	12RB#13	22.95	PASS
Band17	5MHz	QPSK	23825	25RB#0	24.08	PASS
Band17	5MHz	16QAM	23825	25RB#0	23.03	PASS
Band17	10MHz	QPSK	23780	1RB#0	24.90	PASS
Band17	10MHz	16QAM	23780	1RB#0	23.89	PASS
Band17	10MHz	QPSK	23780	1RB#24	25.10	PASS
Band17	10MHz	16QAM	23780	1RB#24	24.07	PASS
Band17	10MHz	QPSK	23780	1RB#49	24.92	PASS
Band17	10MHz	16QAM	23780	1RB#49	23.93	PASS
Band17	10MHz	QPSK	23780	25RB#0	23.73	PASS
Band17	10MHz	16QAM	23780	25RB#0	22.74	PASS
Band17	10MHz	QPSK	23780	25RB#12	23.78	PASS
Band17	10MHz	16QAM	23780	25RB#12	22.72	PASS
Band17	10MHz	QPSK	23780	25RB#25	23.69	PASS
Band17	10MHz	16QAM	23780	25RB#25	22.67	PASS
Band17	10MHz	QPSK	23780	50RB#0	23.71	PASS
Band17	10MHz	16QAM	23780	50RB#0	22.77	PASS
Band17	10MHz	QPSK	23790	1RB#0	24.94	PASS
Band17	10MHz	16QAM	23790	1RB#0	23.84	PASS
Band17	10MHz	QPSK	23790	1RB#24	25.20	PASS
Band17	10MHz	16QAM	23790	1RB#24	23.94	PASS
Band17	10MHz	QPSK	23790	1RB#49	24.89	PASS
Band17	10MHz	16QAM	23790	1RB#49	23.84	PASS
Band17	10MHz	QPSK	23790	25RB#0	23.73	PASS
Band17	10MHz	16QAM	23790	25RB#0	22.77	PASS
Band17	10MHz	QPSK	23790	25RB#12	23.79	PASS
Band17	10MHz	16QAM	23790	25RB#12	22.78	PASS
Band17	10MHz	QPSK	23790	25RB#25	23.76	PASS
Band17	10MHz	16QAM	23790	25RB#25	22.79	PASS
Band17	10MHz	QPSK	23790	50RB#0	23.76	PASS
Band17	10MHz	16QAM	23790	50RB#0	22.81	PASS
Band17	10MHz	QPSK	23800	1RB#0	24.95	PASS

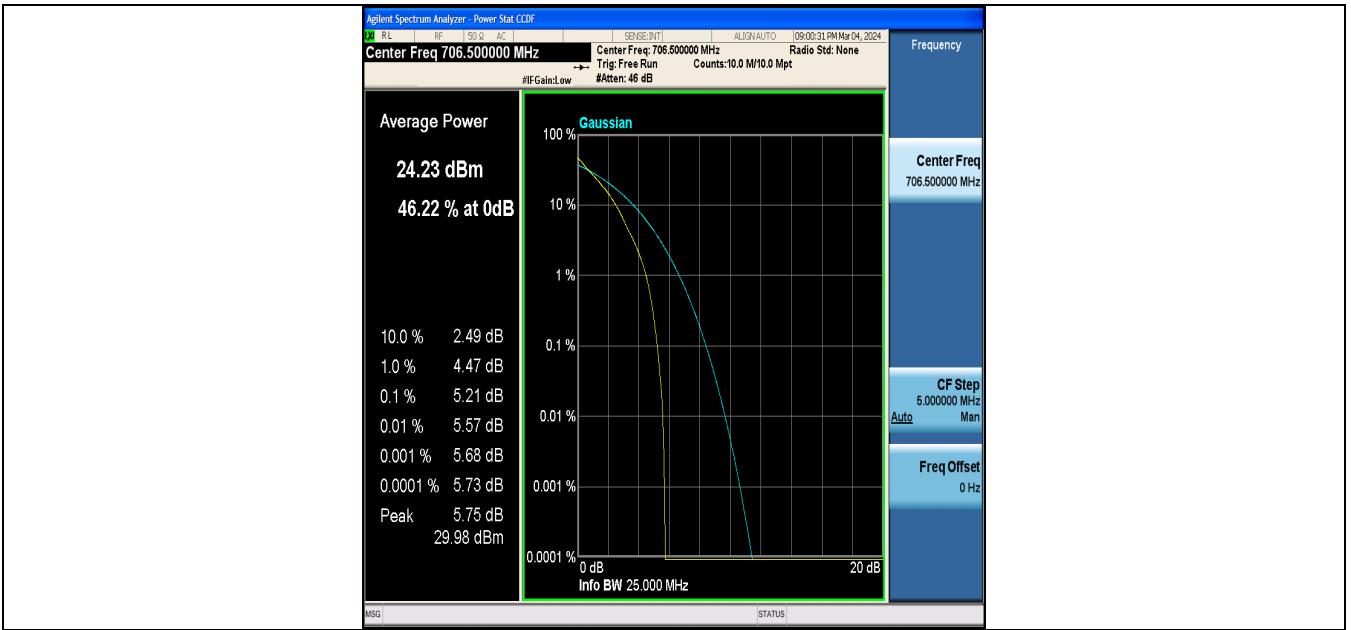
Band17	10MHz	16QAM	23800	1RB#0	23.69	PASS
Band17	10MHz	QPSK	23800	1RB#24	25.10	PASS
Band17	10MHz	16QAM	23800	1RB#24	23.84	PASS
Band17	10MHz	QPSK	23800	1RB#49	24.92	PASS
Band17	10MHz	16QAM	23800	1RB#49	23.75	PASS
Band17	10MHz	QPSK	23800	25RB#0	23.89	PASS
Band17	10MHz	16QAM	23800	25RB#0	22.90	PASS
Band17	10MHz	QPSK	23800	25RB#12	23.88	PASS
Band17	10MHz	16QAM	23800	25RB#12	22.90	PASS
Band17	10MHz	QPSK	23800	25RB#25	23.87	PASS
Band17	10MHz	16QAM	23800	25RB#25	22.88	PASS
Band17	10MHz	QPSK	23800	50RB#0	23.87	PASS
Band17	10MHz	16QAM	23800	50RB#0	22.87	PASS

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

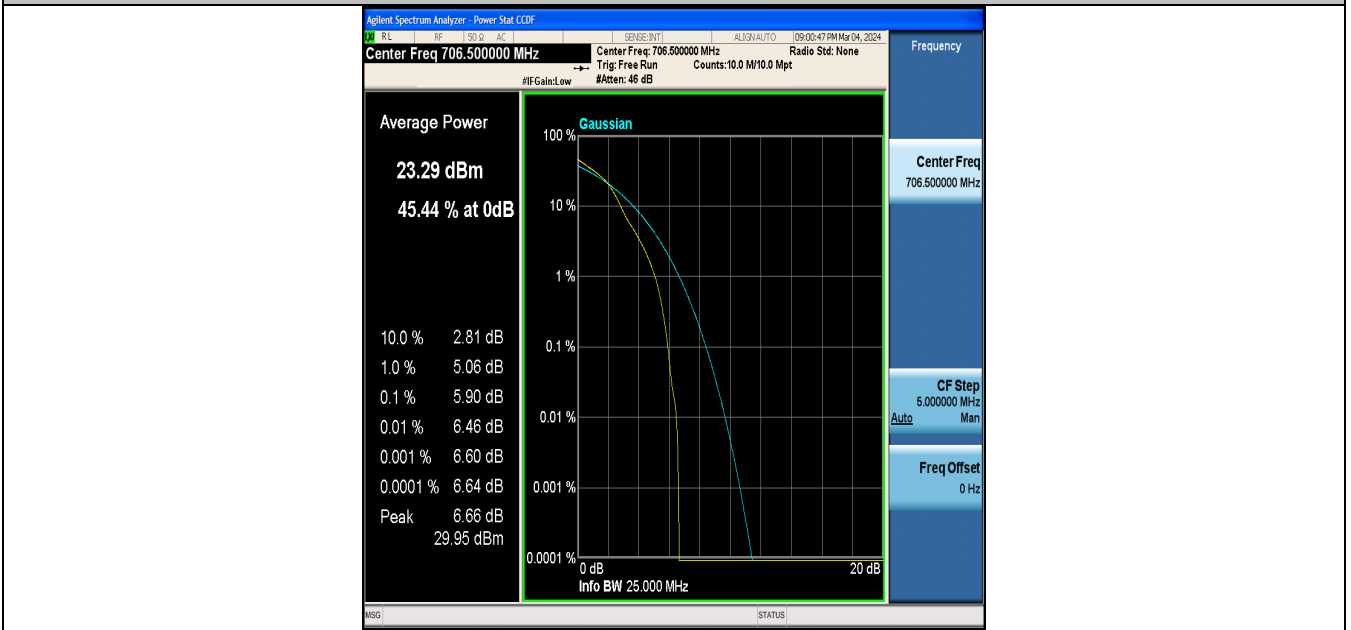
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	5.21	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	5.90	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	5.70	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.46	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	5.12	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	5.72	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.23	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.00	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	4.78	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	5.47	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.61	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	6.33	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	5.28	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	6.43	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.34	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.19	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	5.37	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	6.23	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.37	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.18	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	5.10	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	5.93	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.41	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.23	13	PASS

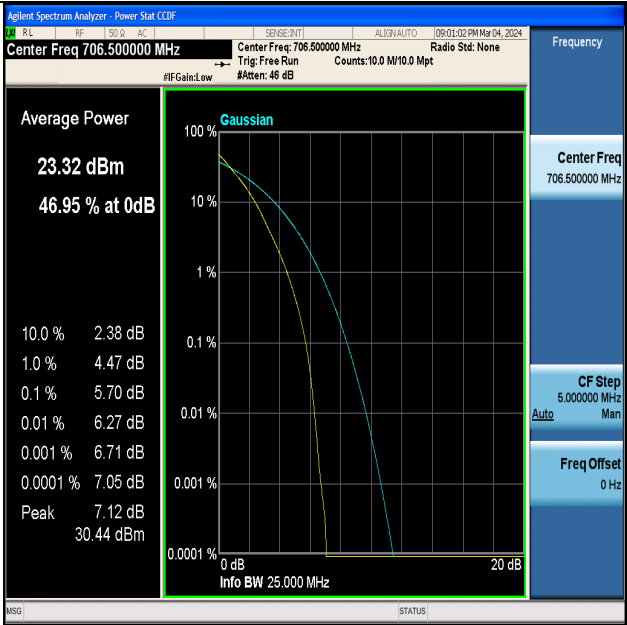
Test Graphs



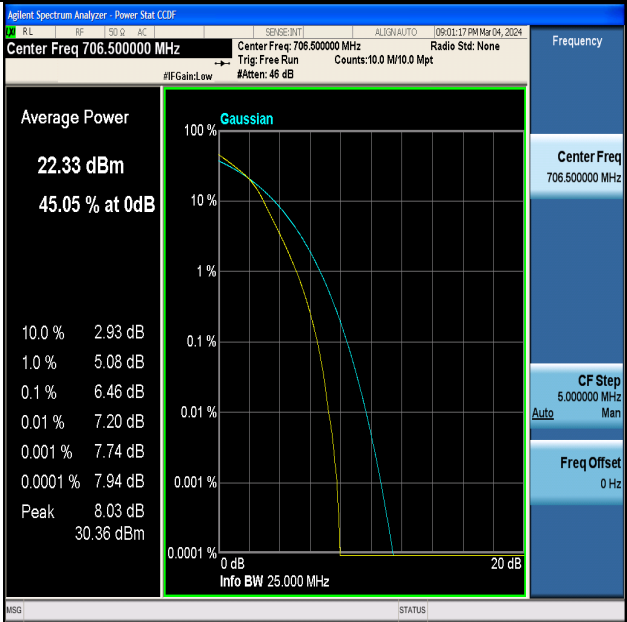
Band17-5MHz-QPSK-23755-1RB#0-PASS



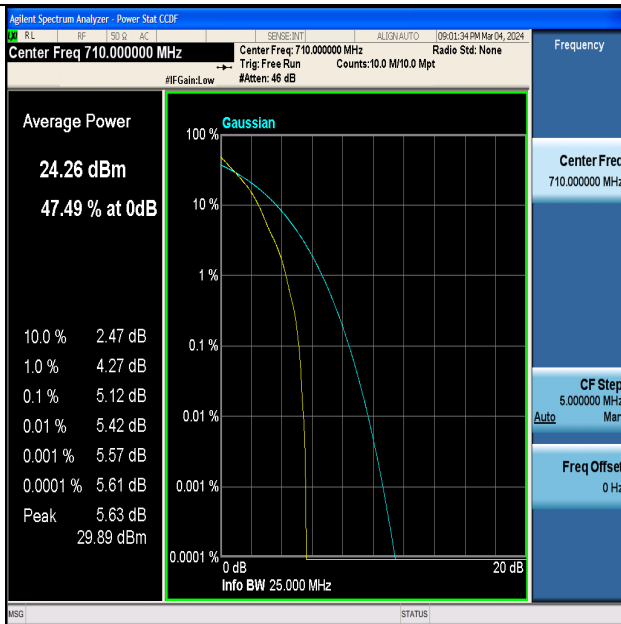
Band17-5MHz-16QAM-23755-1RB#0-PASS



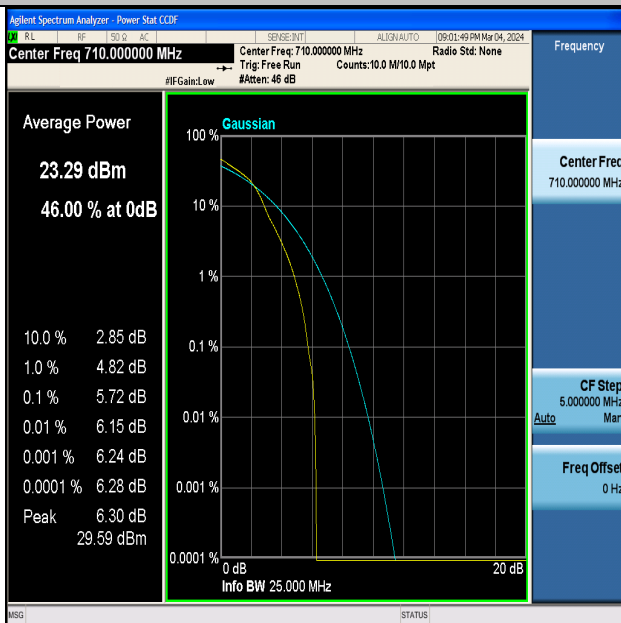
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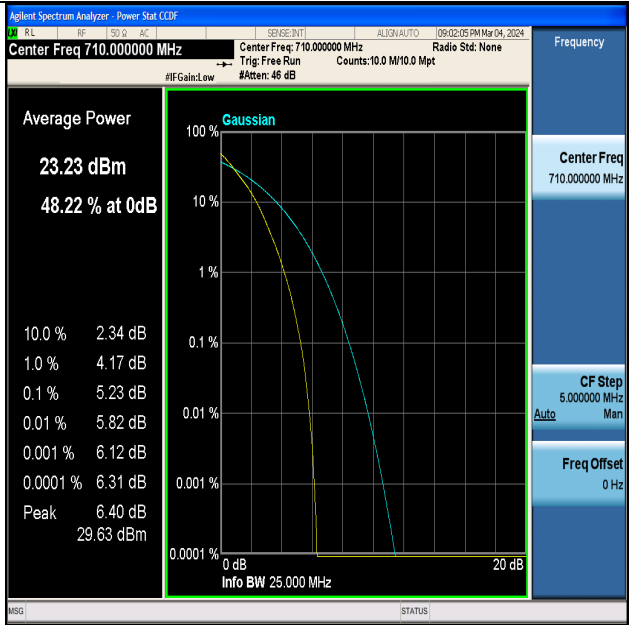
Band17-5MHz-16QAM-23755-25RB#0-PASS



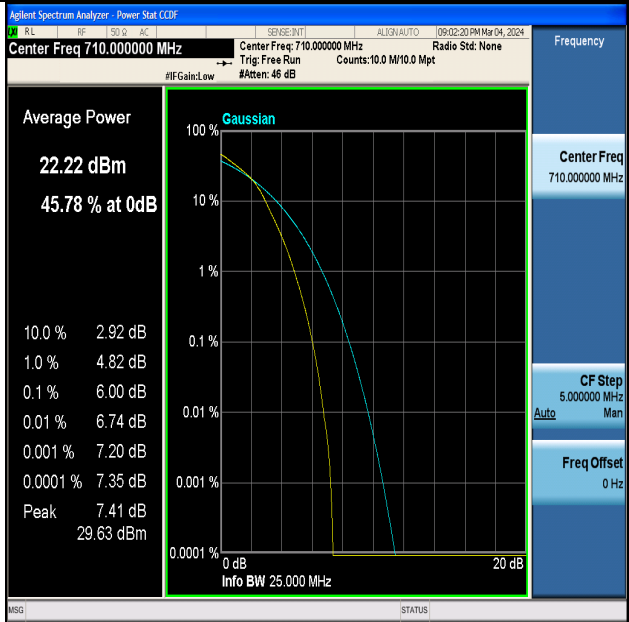
Band17-5MHz-QPSK-23790-1RB#0-PASS



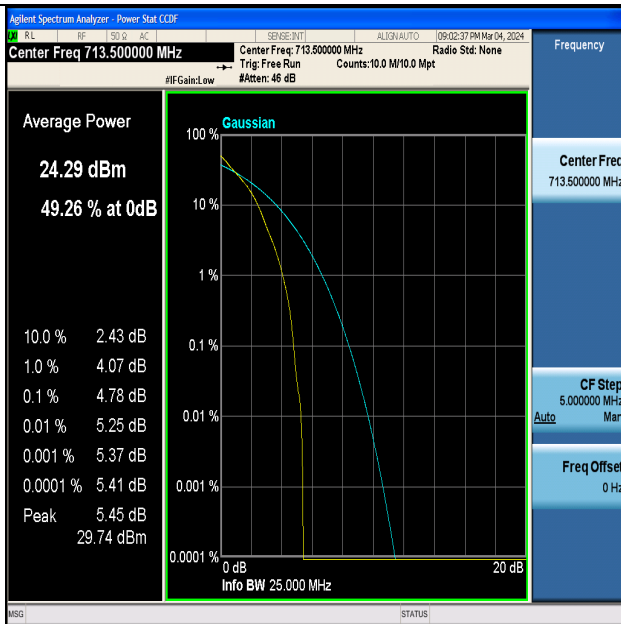
Band17-5MHz-16QAM-23790-1RB#0-PASS



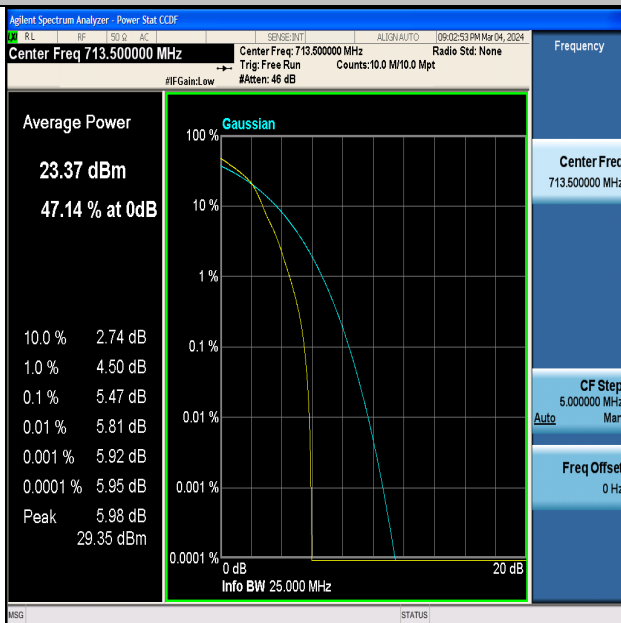
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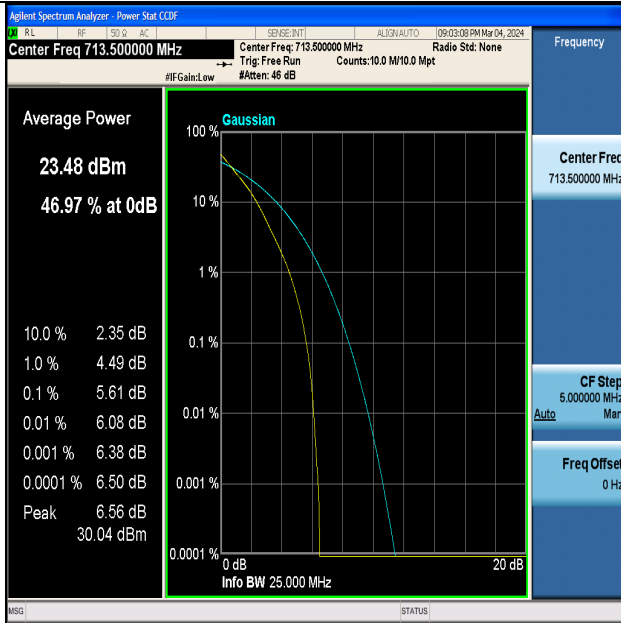
Band17-5MHz-16QAM-23790-25RB#0-PASS



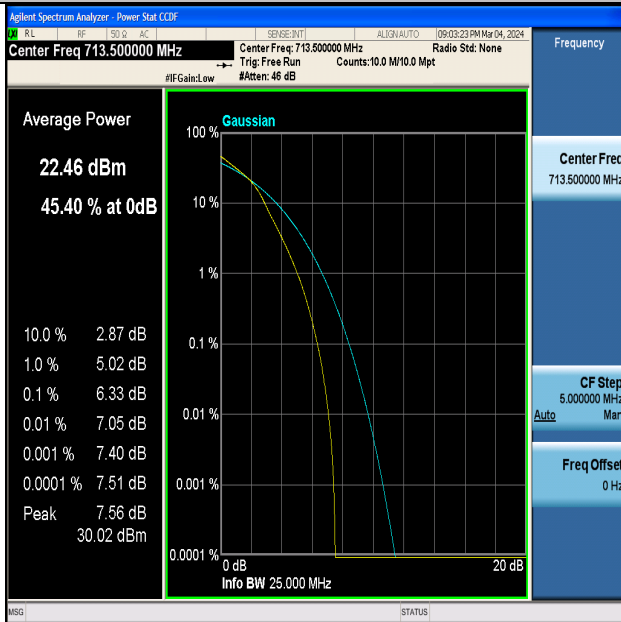
Band17-5MHz-QPSK-23825-1RB#0-PASS



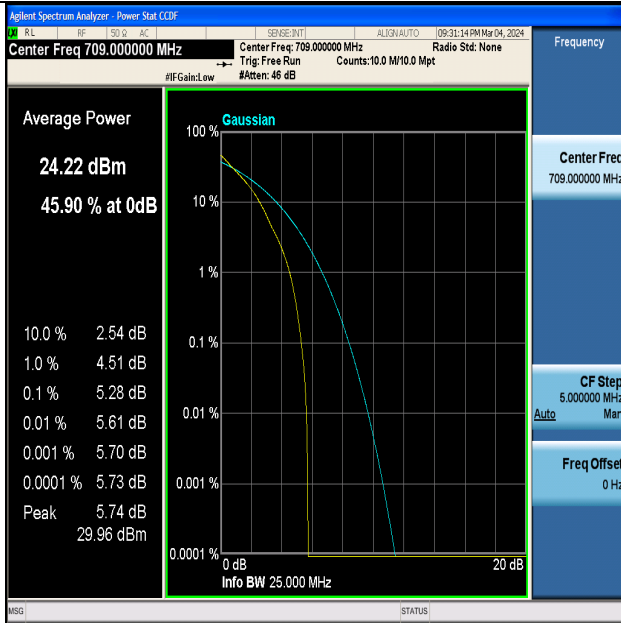
Band17-5MHz-16QAM-23825-1RB#0-PASS



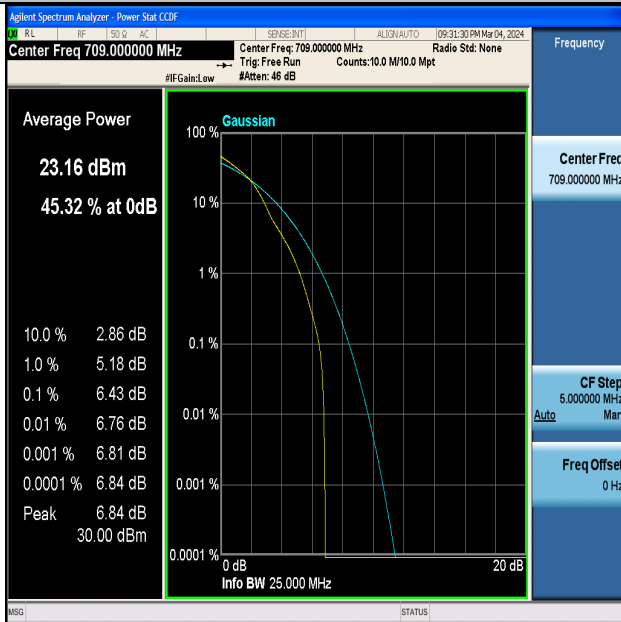
Band17-5MHz-QPSK-23825-25RB#0-PASS



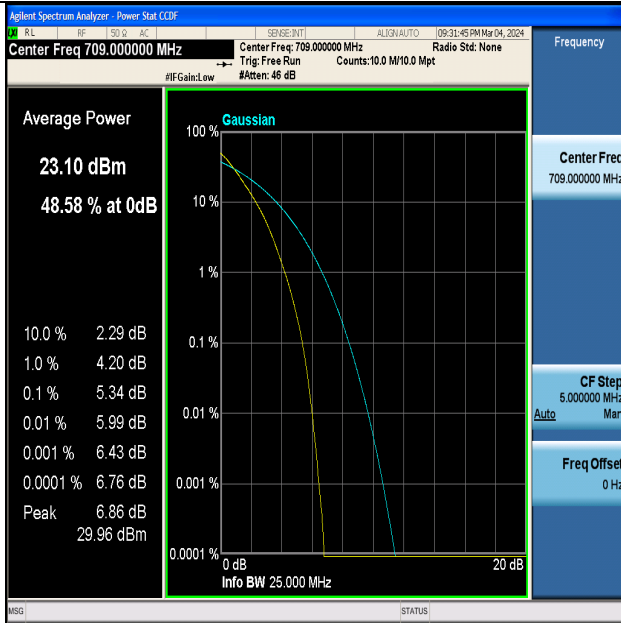
Band17-5MHz-16QAM-23825-25RB#0-PASS



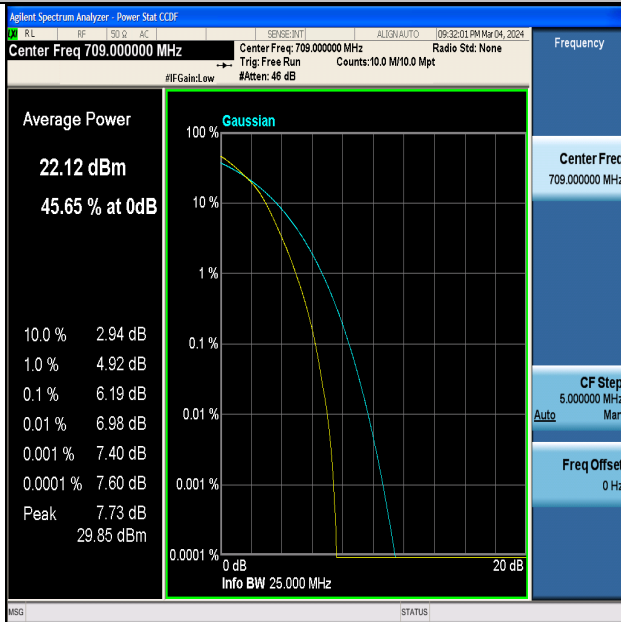
Band17-10MHz-QPSK-23780-1RB#0-PASS



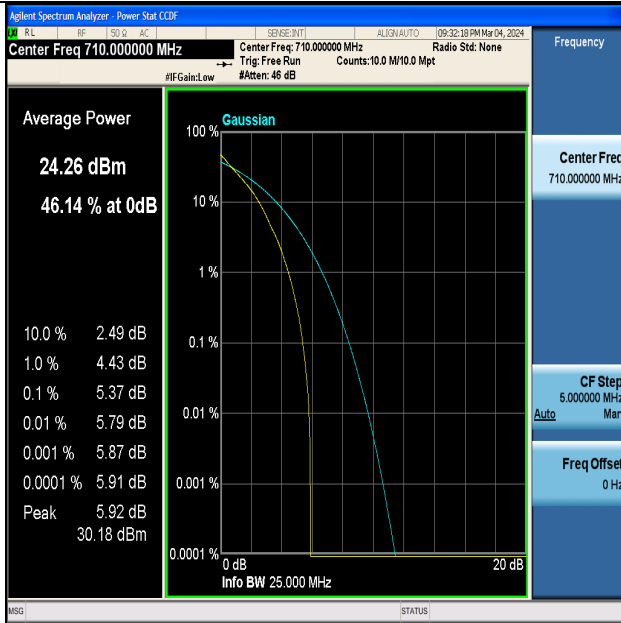
Band17-10MHz-16QAM-23780-1RB#0-PASS



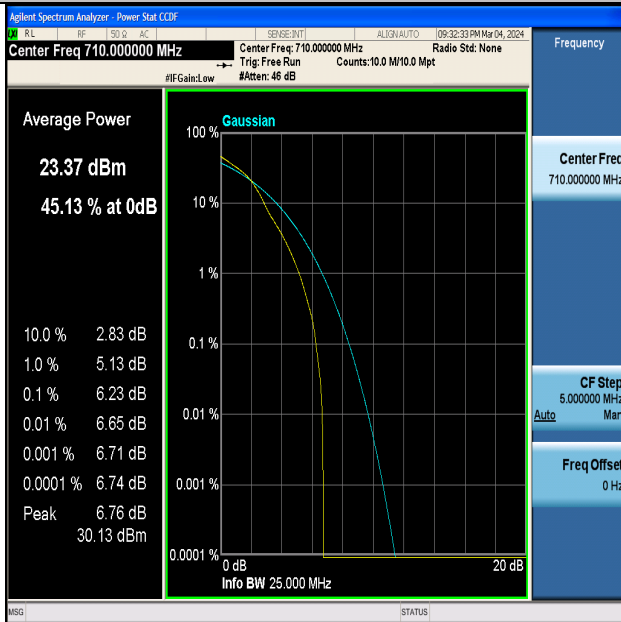
Band17-10MHz-QPSK-23780-50RB#0-PASS



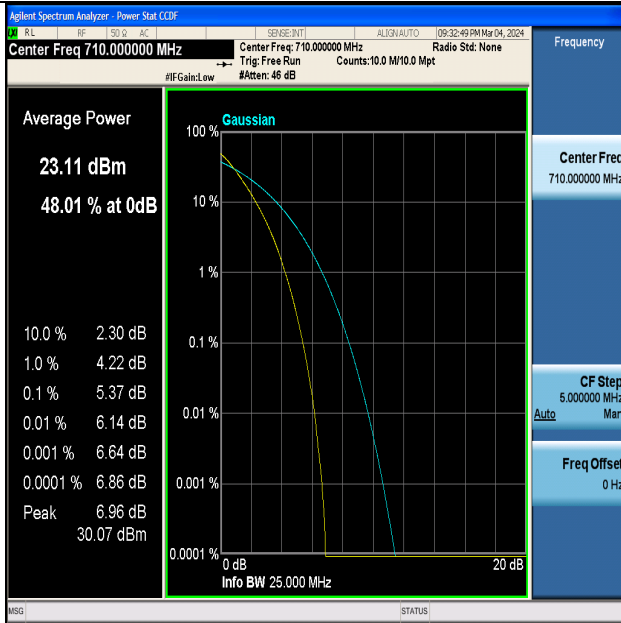
Band17-10MHz-16QAM-23780-50RB#0-PASS



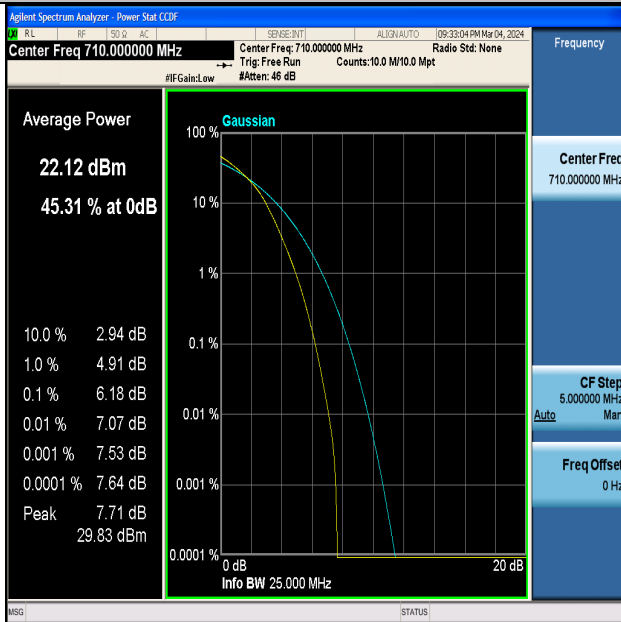
Band17-10MHz-QPSK-23790-1RB#0-PASS



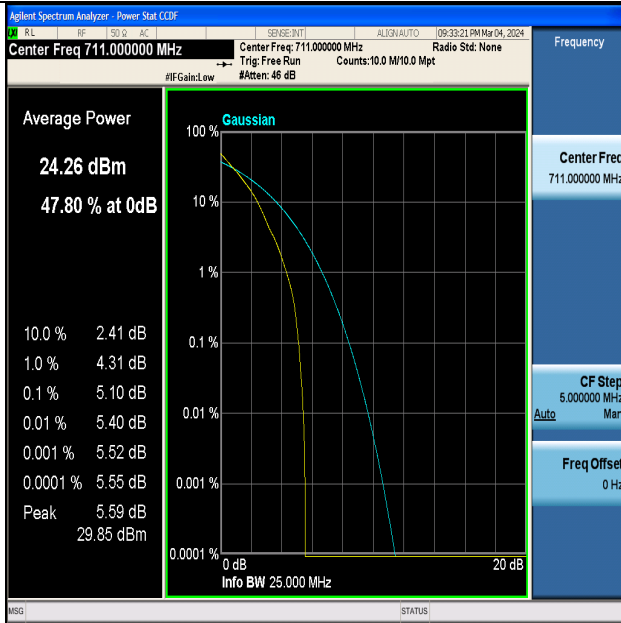
Band17-10MHz-16QAM-23790-1RB#0-PASS



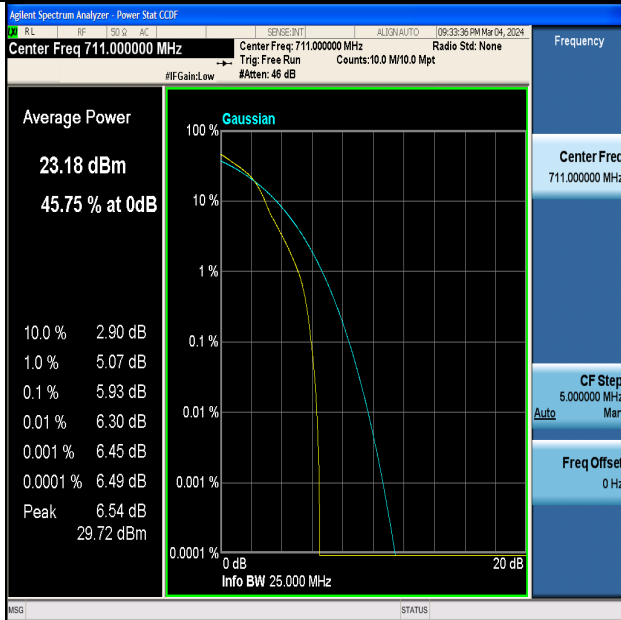
Band17-10MHz-QPSK-23790-50RB#0-PASS



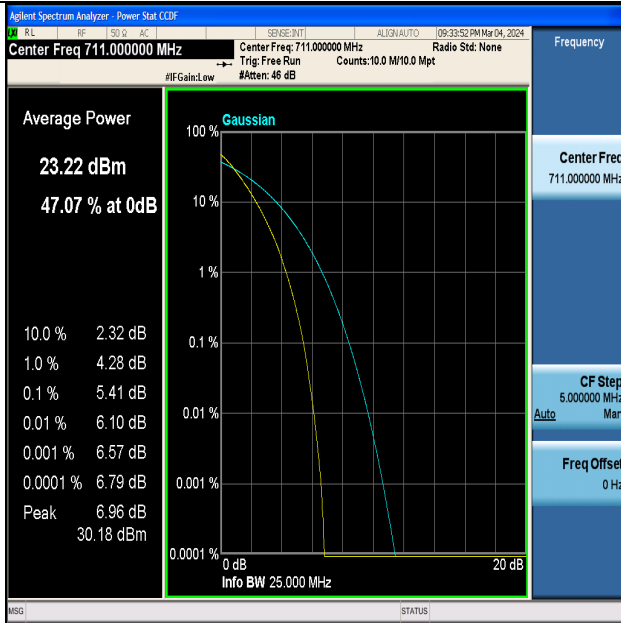
Band17-10MHz-16QAM-23790-50RB#0-PASS



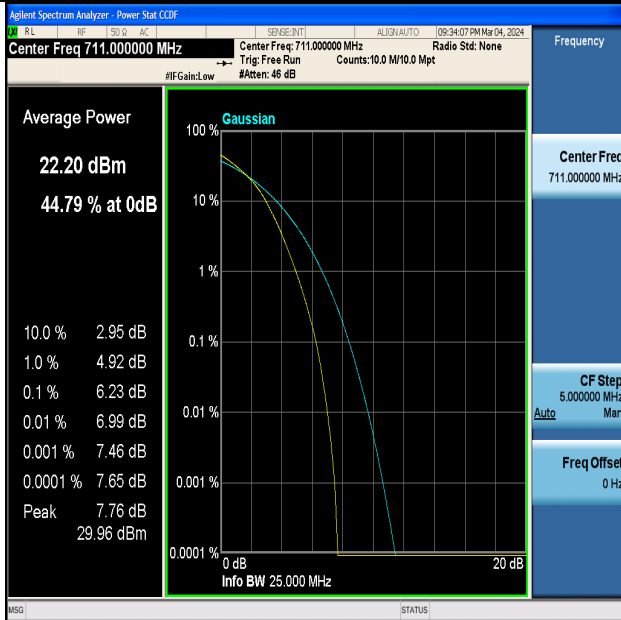
Band17-10MHz-QPSK-23800-1RB#0-PASS



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



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



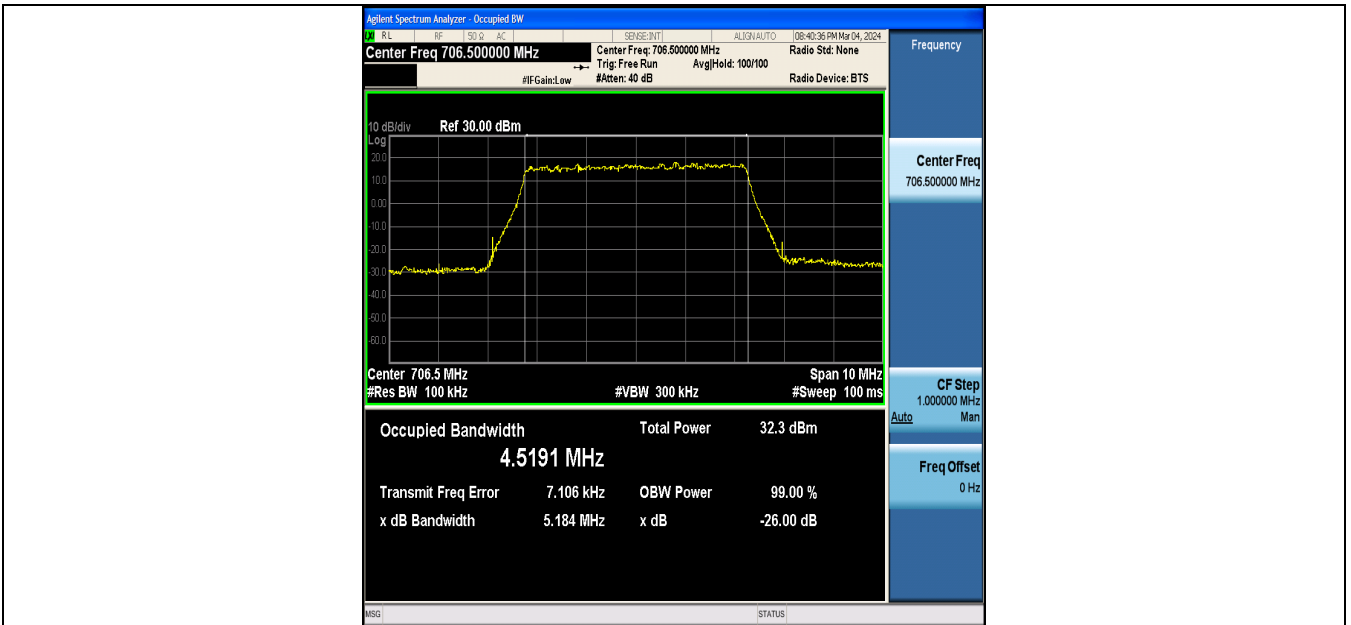
Band17-10MHz-16QAM-23800-50RB#0-PASS

1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

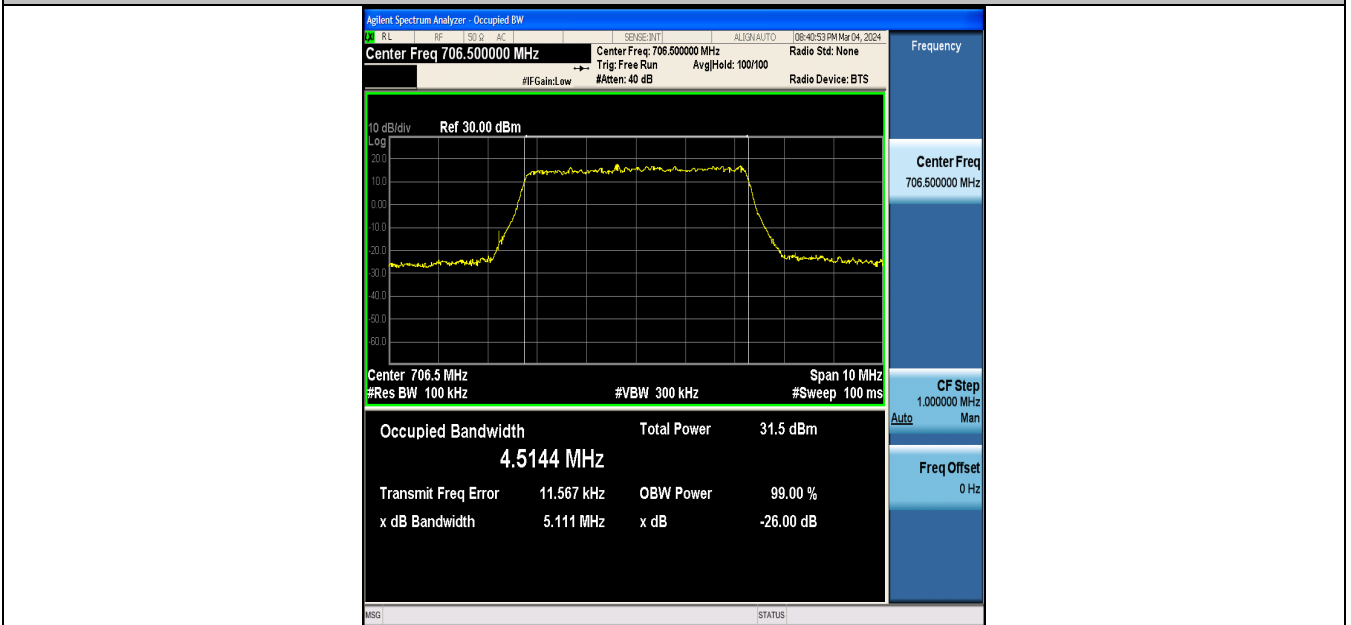
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5191	5.184	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5144	5.111	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.4957	5.096	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5078	5.146	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5306	5.174	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5409	5.211	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9548	9.981	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9565	9.931	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9459	9.934	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9605	9.951	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9639	9.929	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9692	9.980	PASS

Test Graphs



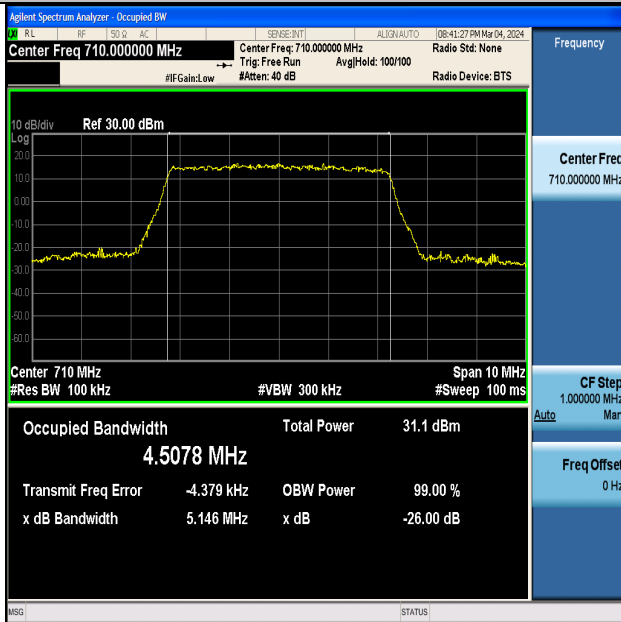
Band17-5MHz-QPSK-23755-25RB#0-PASS



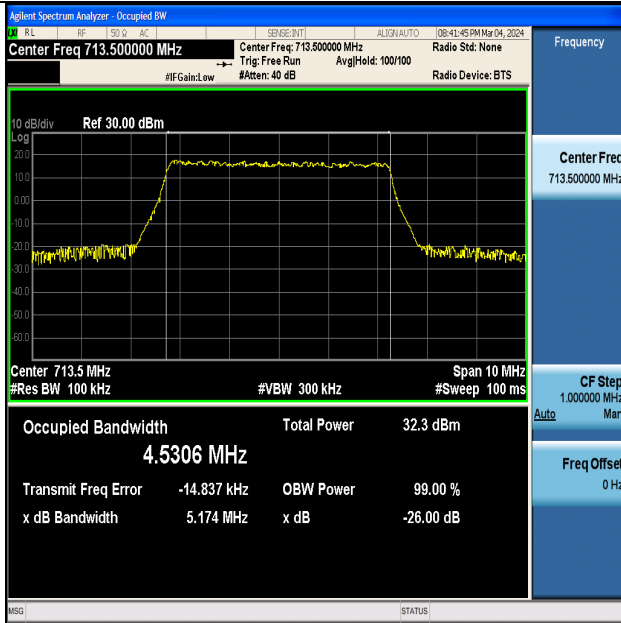
Band17-5MHz-16QAM-23755-25RB#0-PASS



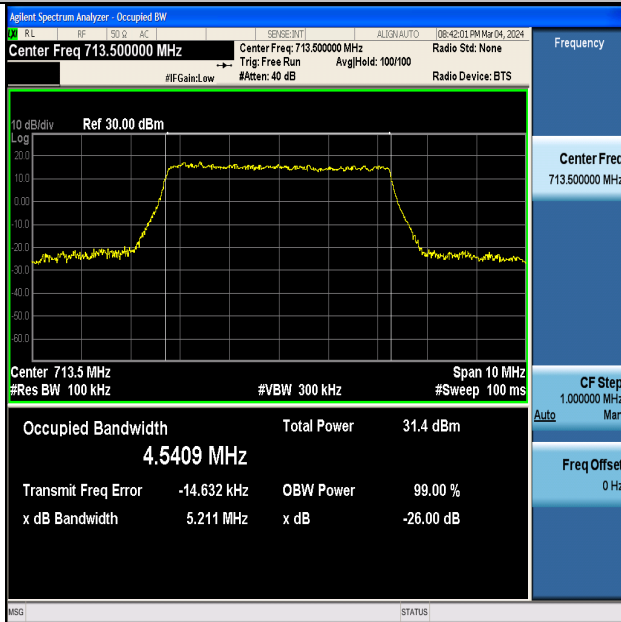
Band17-5MHz-QPSK-23790-25RB#0-PASS



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



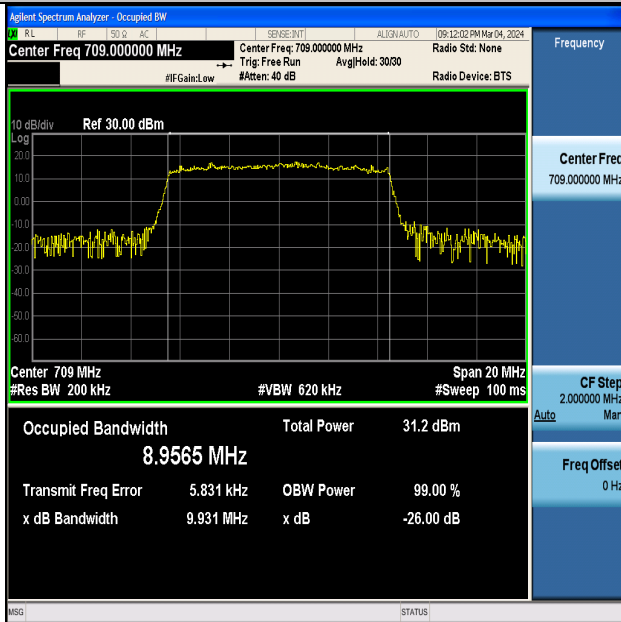
Band17-5MHz-QPSK-23825-25RB#0-PASS



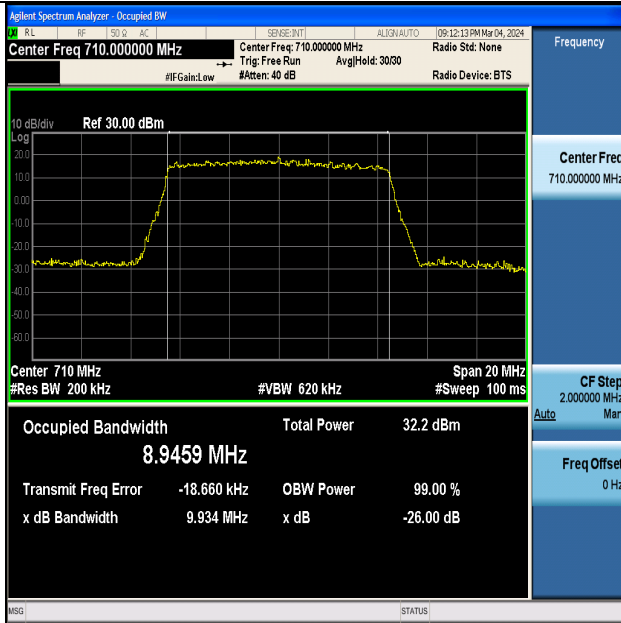
Band17-5MHz-16QAM-23825-25RB#0-PASS



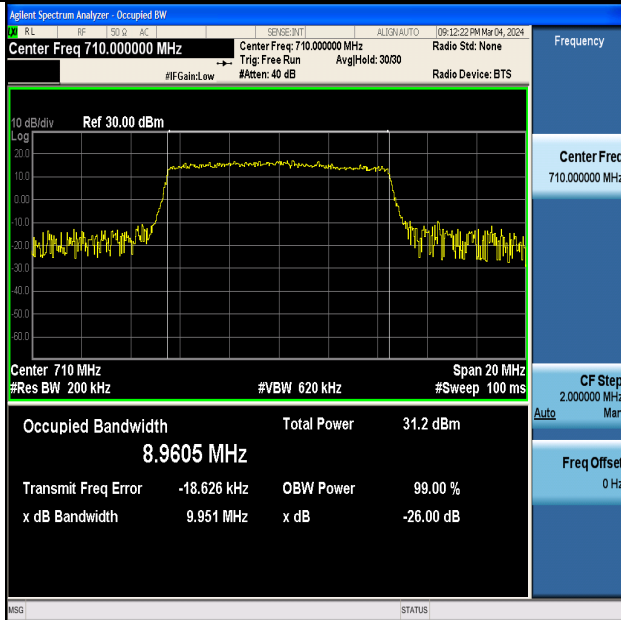
Band17-10MHz-QPSK-23780-50RB#0-PASS



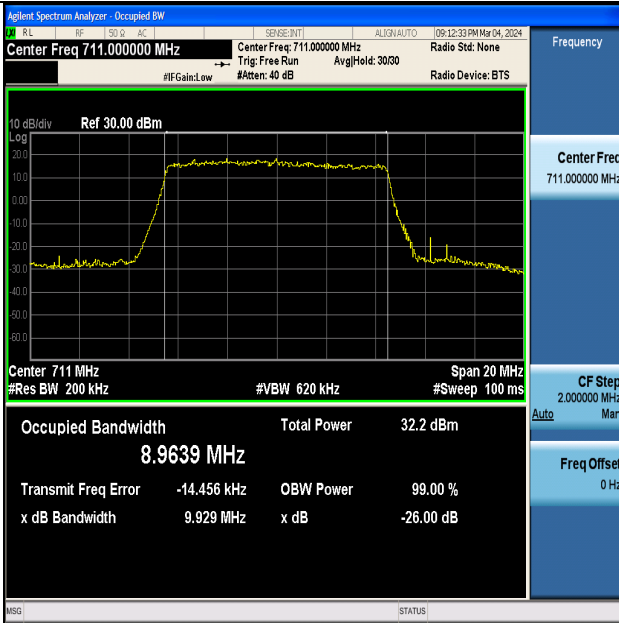
Band17-10MHz-16QAM-23780-50RB#0-PASS



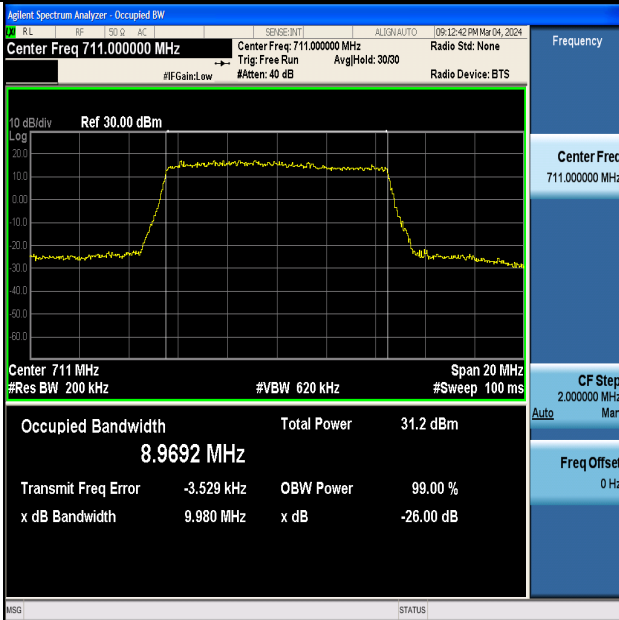
Band17-10MHz-QPSK-23790-50RB#0-PASS



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



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



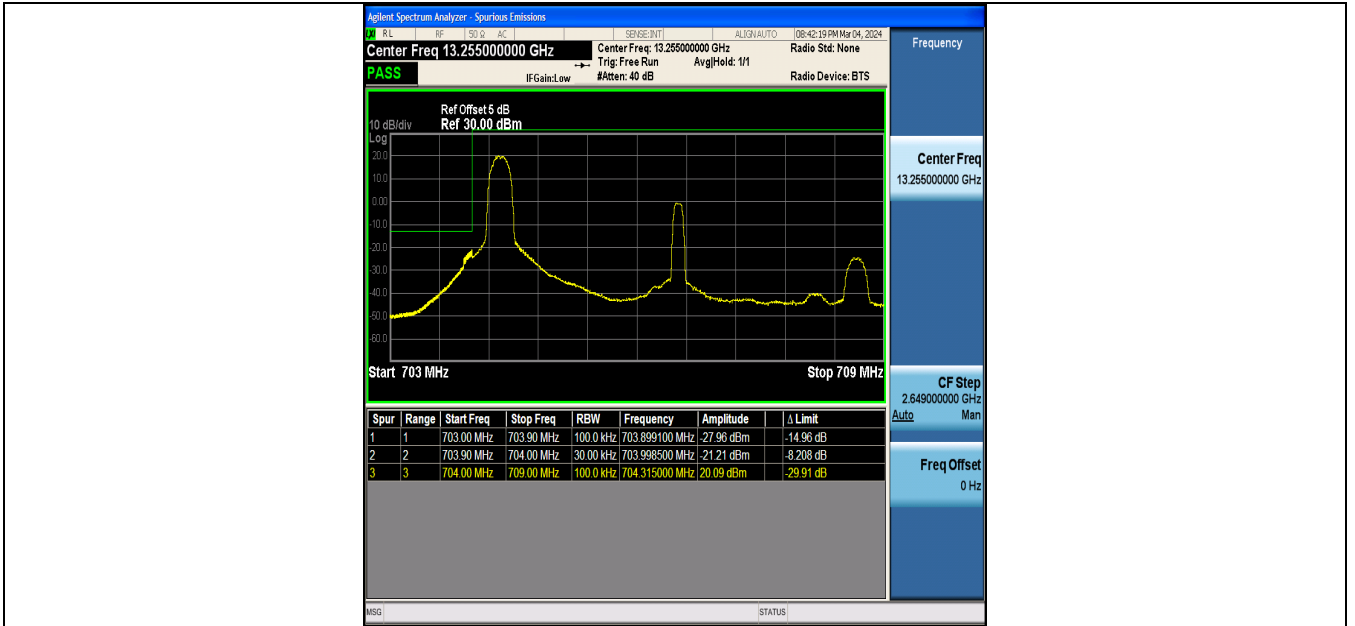
Band17-10MHz-16QAM-23800-50RB#0-PASS

1.4. Appendix D: Band Edge

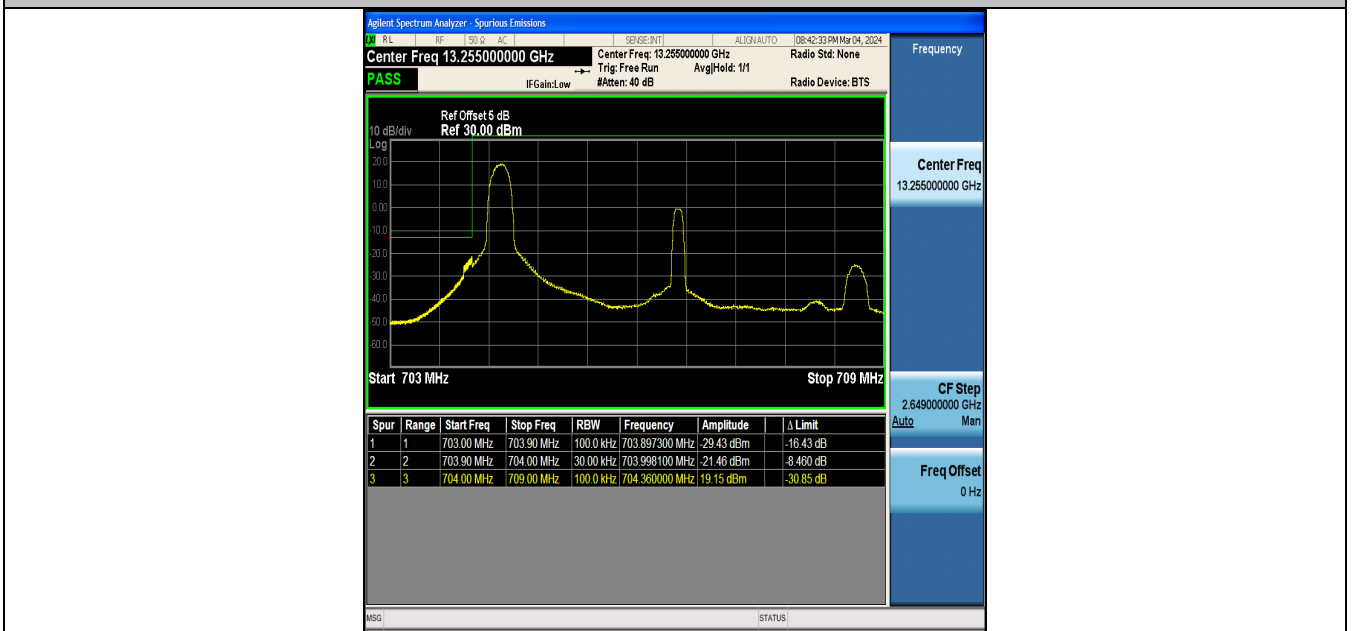
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	-21.21	PASS
Band17	5MHz	16QAM	23755	1RB#0	-21.46	PASS
Band17	5MHz	QPSK	23755	1RB#24	-49.30	PASS
Band17	5MHz	16QAM	23755	1RB#24	-49.01	PASS
Band17	5MHz	QPSK	23755	25RB#0	-33.79	PASS
Band17	5MHz	16QAM	23755	25RB#0	-34.12	PASS
Band17	5MHz	QPSK	23825	1RB#0	-47.89	PASS
Band17	5MHz	16QAM	23825	1RB#0	-48.46	PASS
Band17	5MHz	QPSK	23825	1RB#24	-19.73	PASS
Band17	5MHz	16QAM	23825	1RB#24	-21.24	PASS
Band17	5MHz	QPSK	23825	25RB#0	-32.05	PASS
Band17	5MHz	16QAM	23825	25RB#0	-33.06	PASS
Band17	10MHz	QPSK	23780	1RB#0	-27.52	PASS
Band17	10MHz	16QAM	23780	1RB#0	-27.99	PASS
Band17	10MHz	QPSK	23780	1RB#49	-49.87	PASS
Band17	10MHz	16QAM	23780	1RB#49	-49.68	PASS
Band17	10MHz	QPSK	23780	50RB#0	-39.37	PASS
Band17	10MHz	16QAM	23780	50RB#0	-37.18	PASS
Band17	10MHz	QPSK	23800	1RB#0	-50.37	PASS
Band17	10MHz	16QAM	23800	1RB#0	-50.39	PASS
Band17	10MHz	QPSK	23800	1RB#49	-26.34	PASS
Band17	10MHz	16QAM	23800	1RB#49	-27.15	PASS
Band17	10MHz	QPSK	23800	50RB#0	-38.70	PASS
Band17	10MHz	16QAM	23800	50RB#0	-38.48	PASS

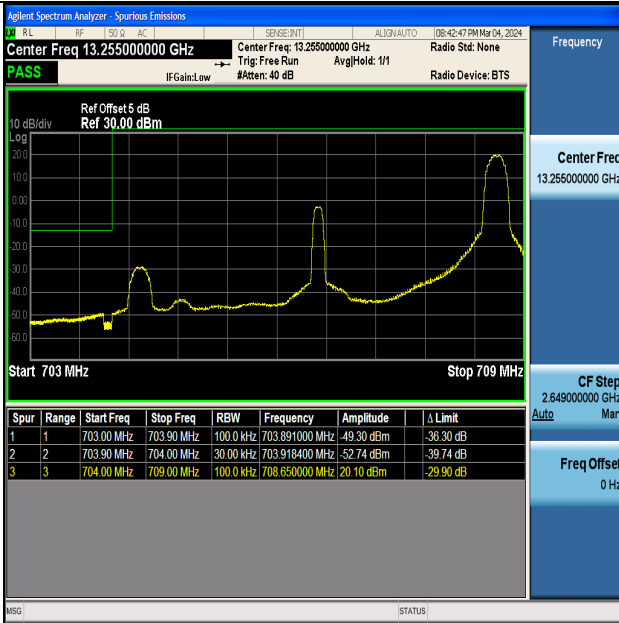
Test Graphs



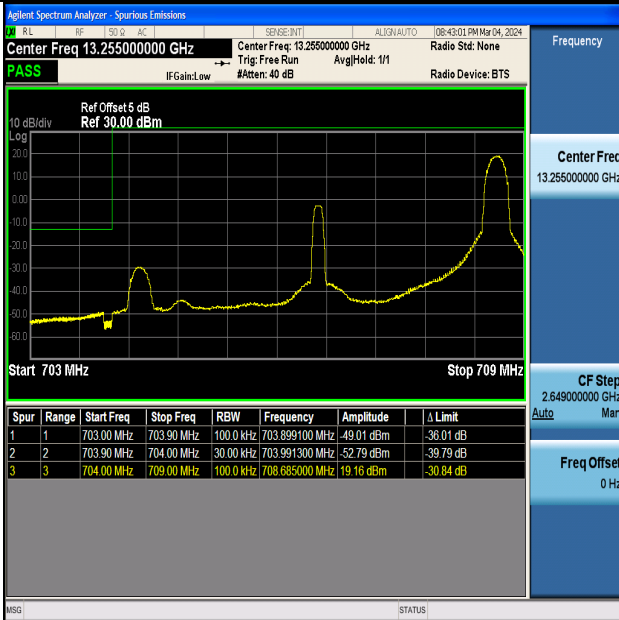
Band17_5MHz_QPSK_23755_1RB#0



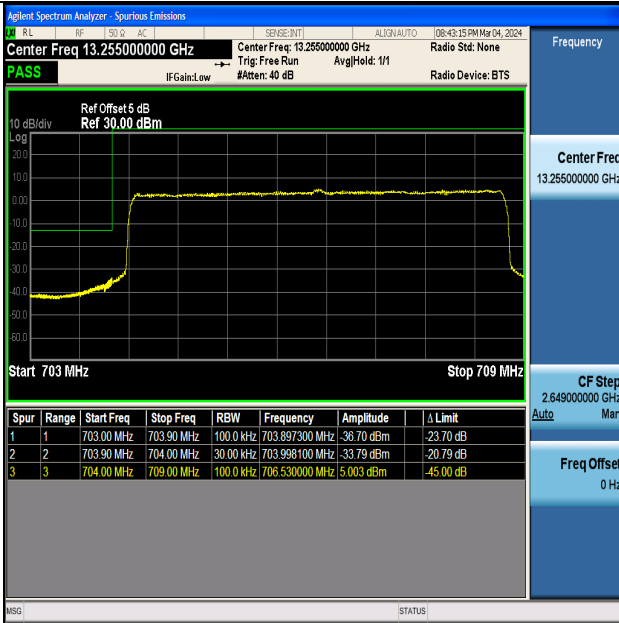
Band17_5MHz_16QAM_23755_1RB#0



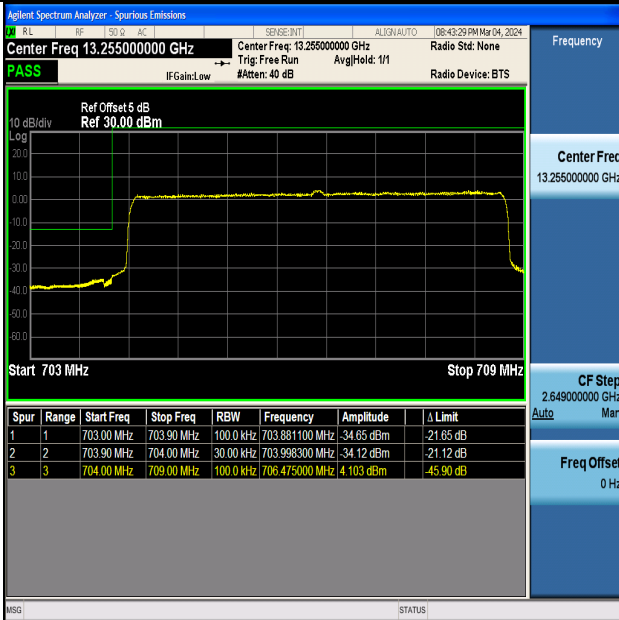
Band17_5MHz_QPSK_23755_1RB#24



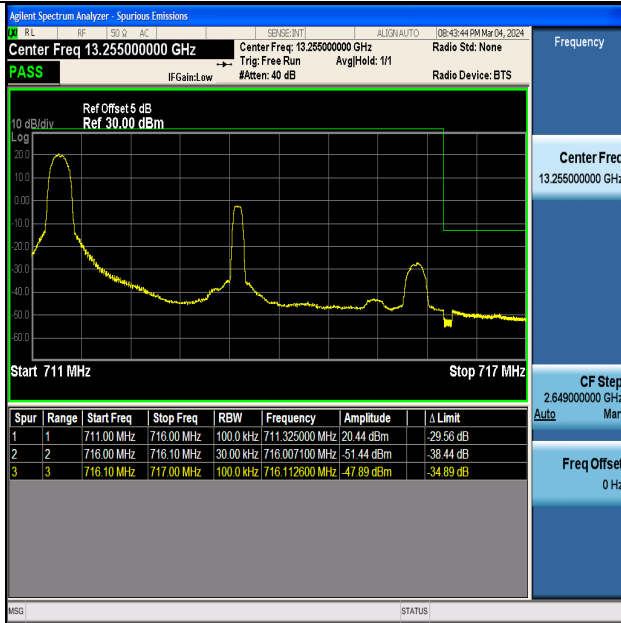
Band17_5MHz_16QAM_23755_1RB#24



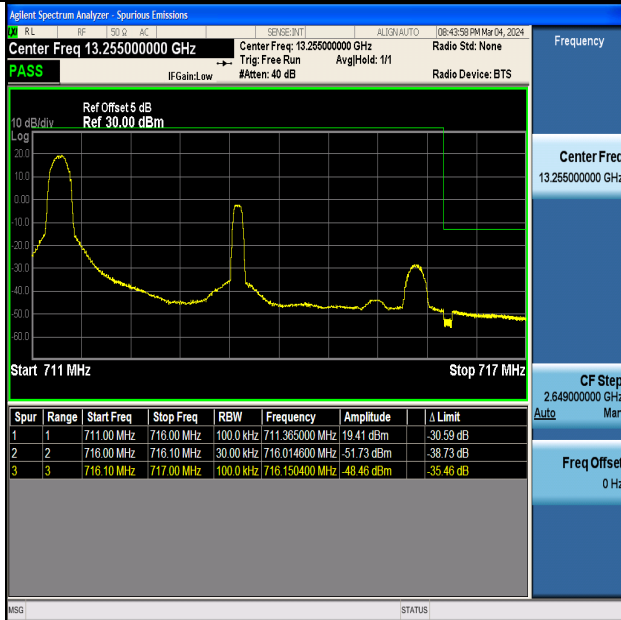
Band17_5MHz_QPSK_23755_25RB#0



Band17_5MHz_16QAM_23755_25RB#0



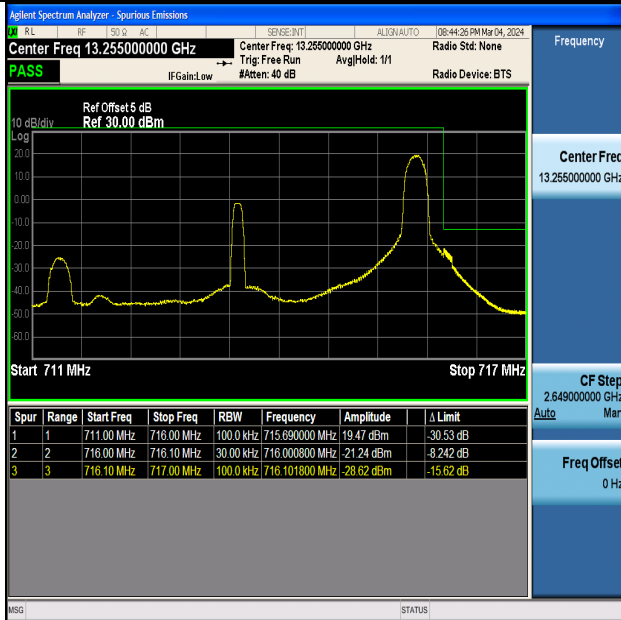
Band17_5MHz_QPSK_23825_1RB#0



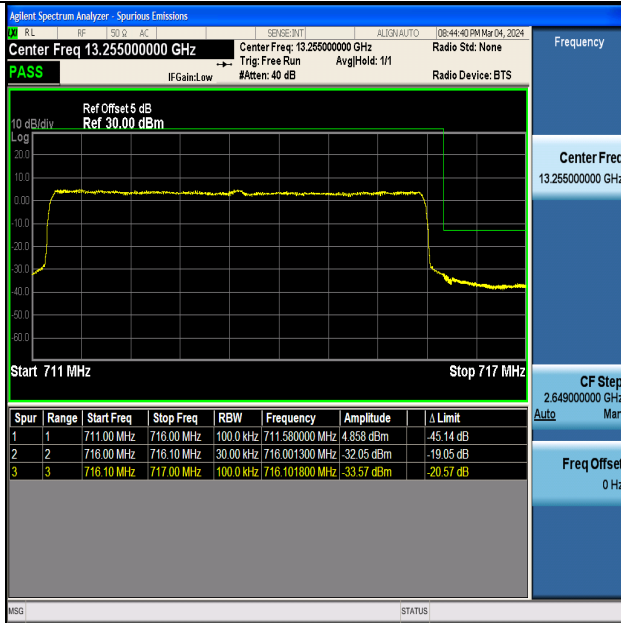
Band17_5MHz_16QAM_23825_1RB#0



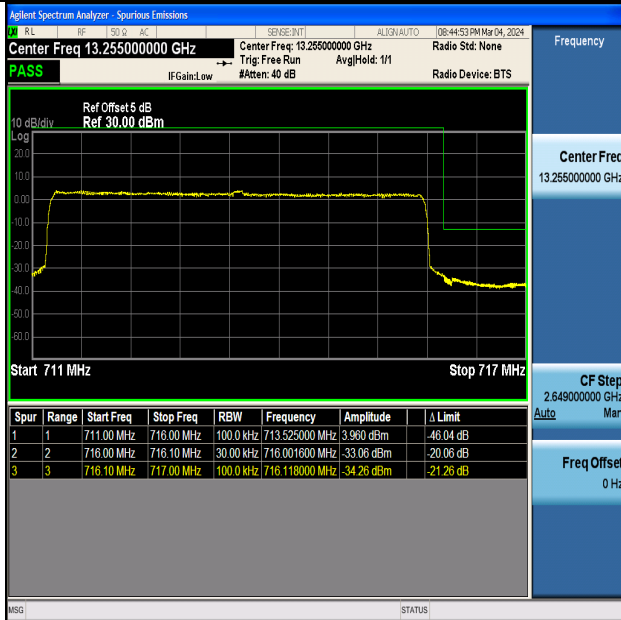
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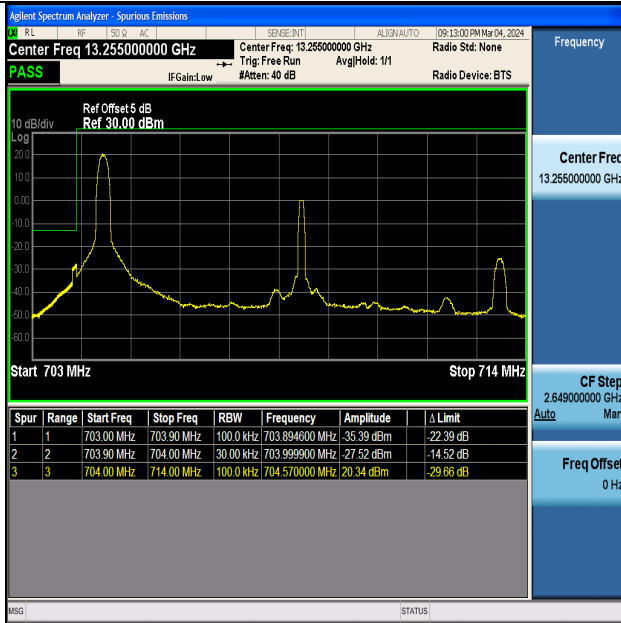
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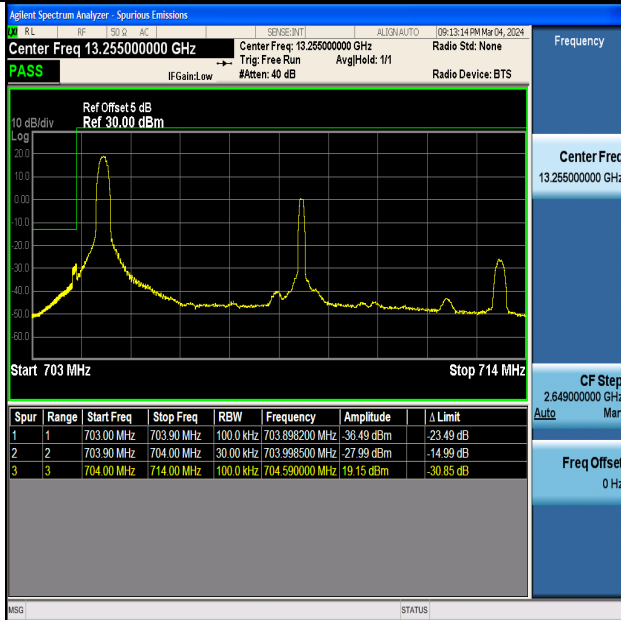
Band17_5MHz_QPSK_23825_25RB#0



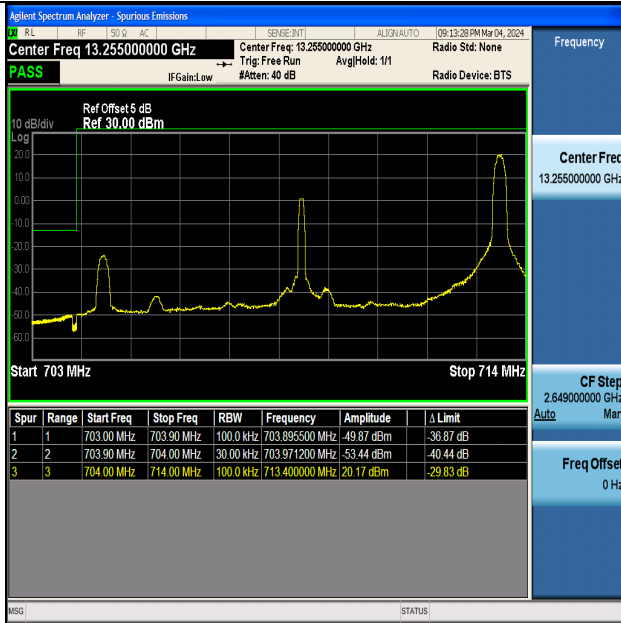
Band17_5MHz_16QAM_23825_25RB#0



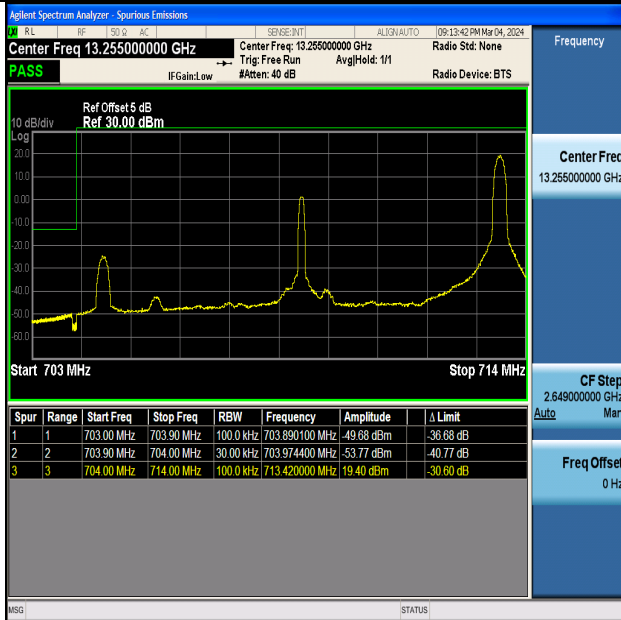
Band17_10MHz_QPSK_23780_1RB#0



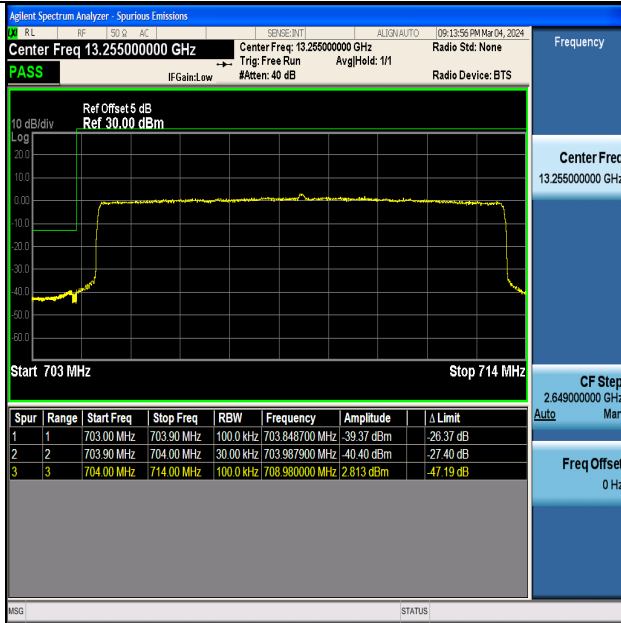
Band17_10MHz_16QAM_23780_1RB#0



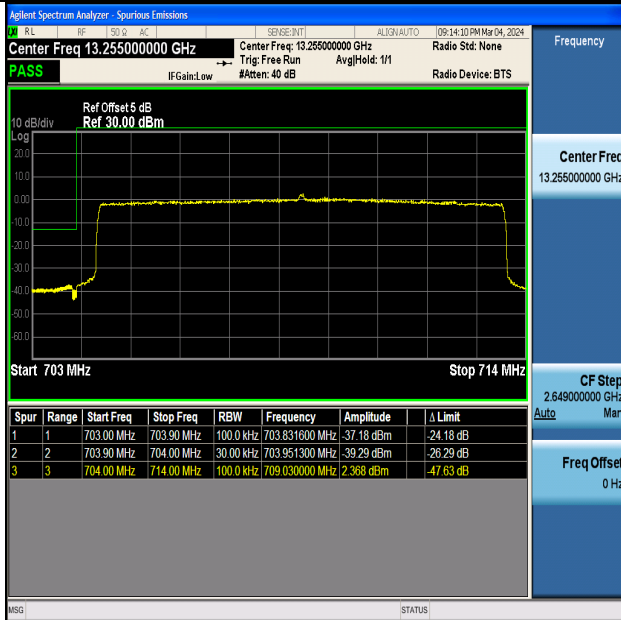
Band17_10MHz_QPSK_23780_1RB#49



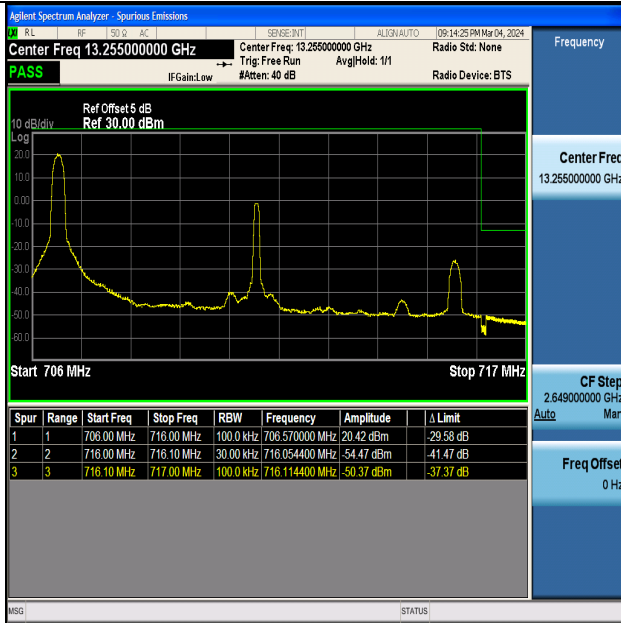
Band17_10MHz_16QAM_23780_1RB#49



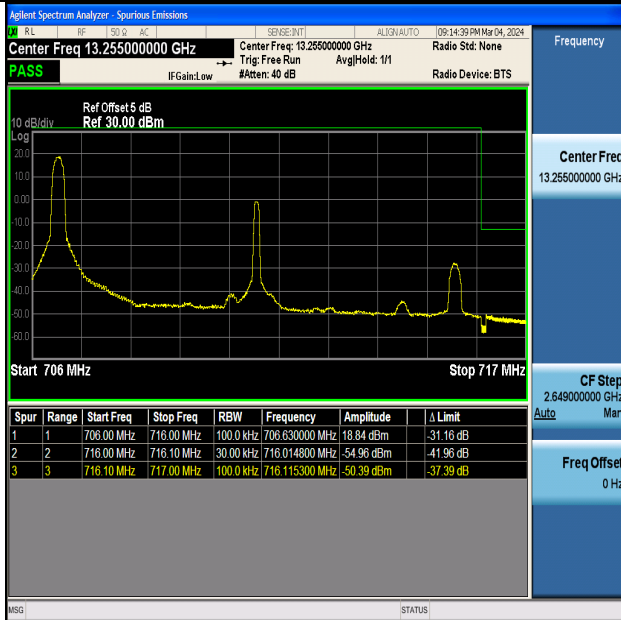
Band17_10MHz_QPSK_23780_50RB#0



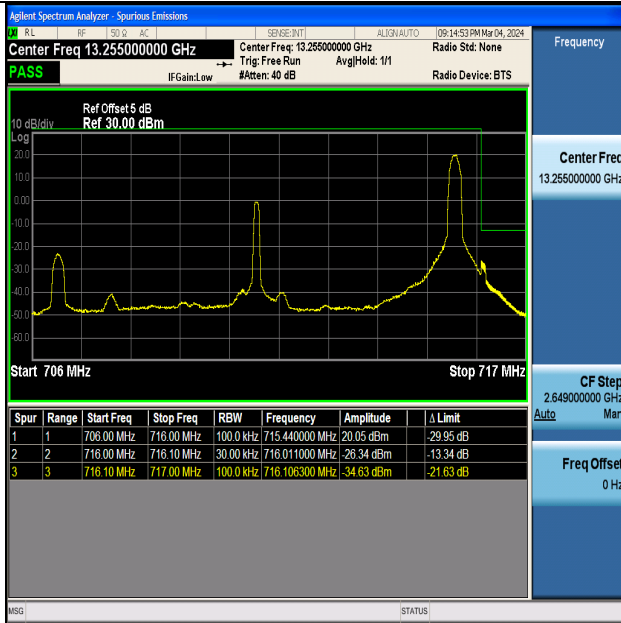
Band17_10MHz_16QAM_23780_50RB#0



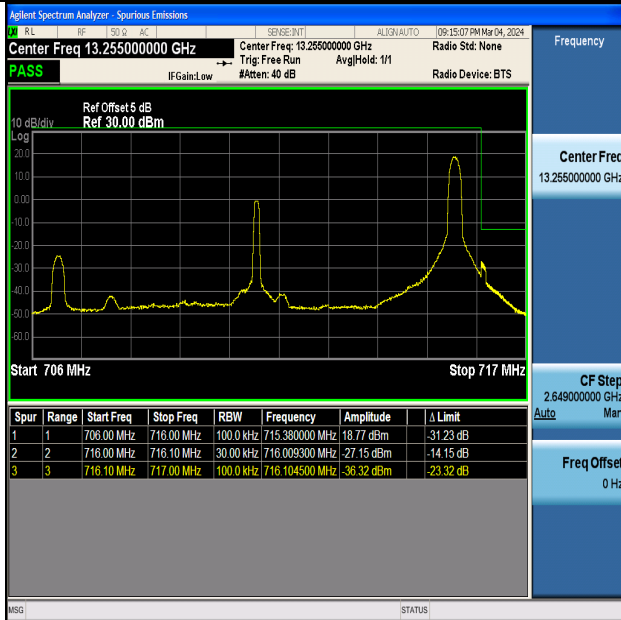
Band17_10MHz_QPSK_23800_1RB#0



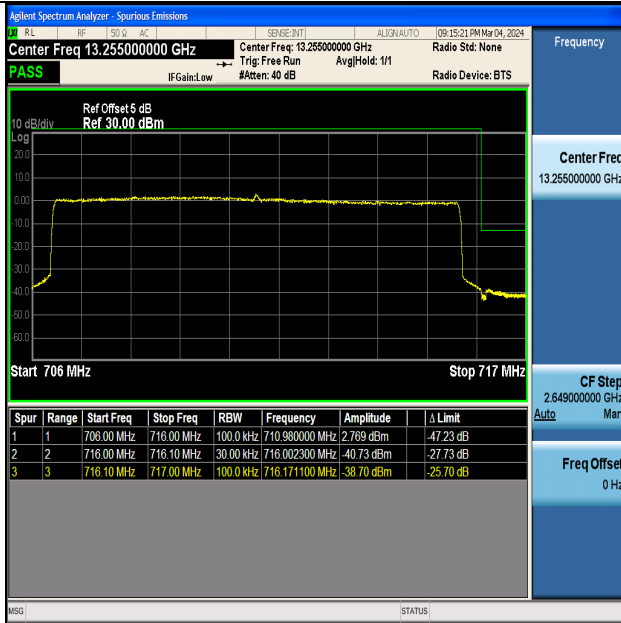
Band17_10MHz_16QAM_23800_1RB#0



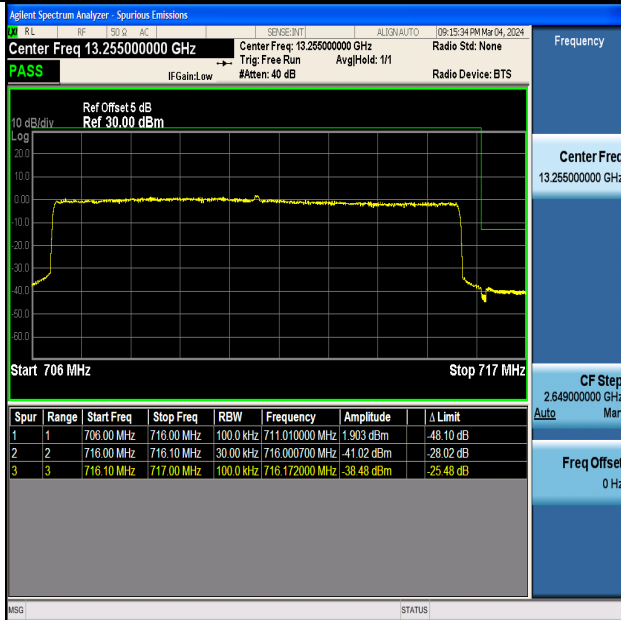
Band17_10MHz_QPSK_23800_1RB#49



Band17_10MHz_16QAM_23800_1RB#49



Band17_10MHz_QPSK_23800_50RB#0



Band17_10MHz_16QAM_23800_50RB#0

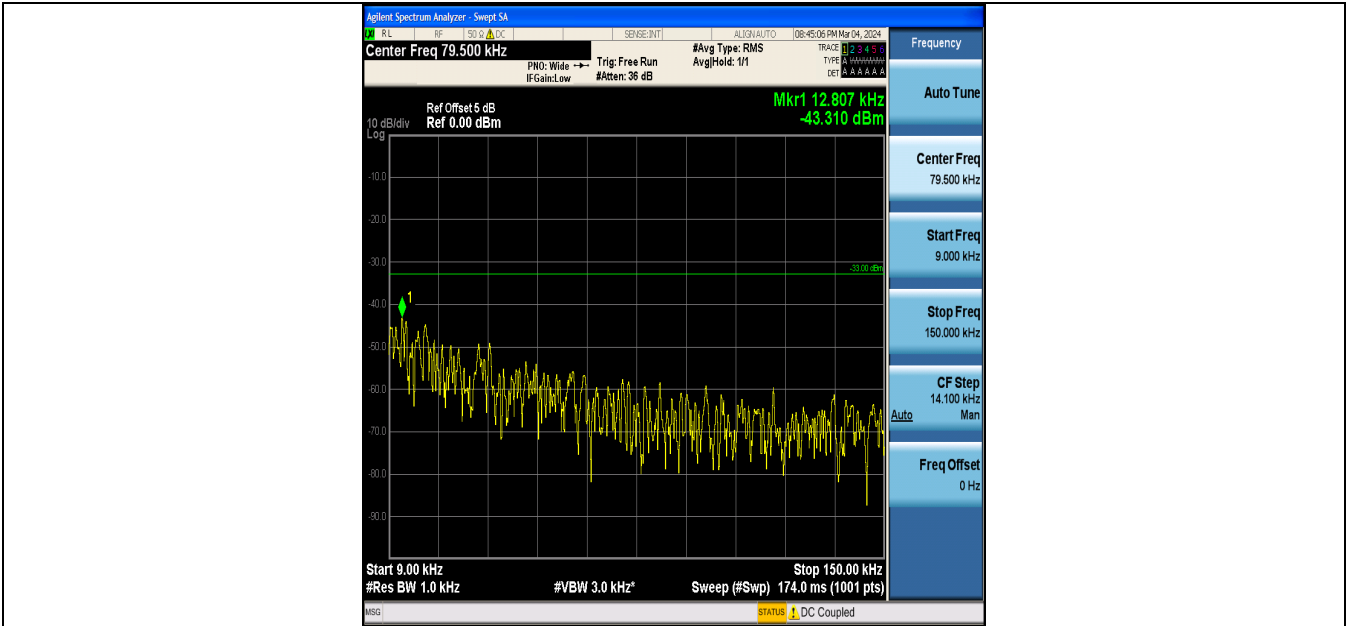
1.5. Appendix E: Conducted Spurious Emission

Test Result

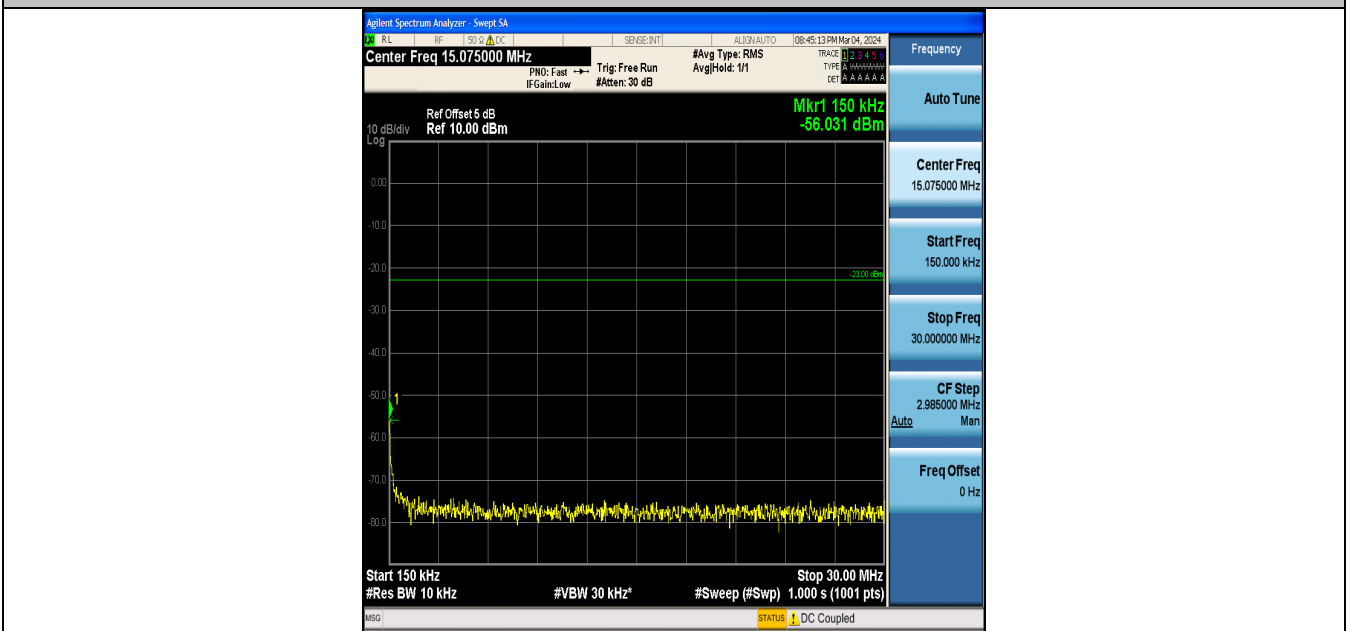
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	0.009~0.15	-43.31	PASS
Band17	5MHz	QPSK	23755	1RB#0	0.15~30	-56.03	PASS
Band17	5MHz	QPSK	23755	1RB#0	30~1000	-64.48	PASS
Band17	5MHz	QPSK	23755	1RB#0	1000~3000	-38.51	PASS
Band17	5MHz	QPSK	23755	1RB#0	3000~10000	-50.20	PASS
Band17	5MHz	16QAM	23755	1RB#0	0.009~0.15	-44.00	PASS
Band17	5MHz	16QAM	23755	1RB#0	0.15~30	-53.21	PASS
Band17	5MHz	16QAM	23755	1RB#0	30~1000	-64.80	PASS
Band17	5MHz	16QAM	23755	1RB#0	1000~3000	-39.18	PASS
Band17	5MHz	16QAM	23755	1RB#0	3000~10000	-50.37	PASS
Band17	5MHz	QPSK	23790	1RB#0	0.009~0.15	-40.48	PASS
Band17	5MHz	QPSK	23790	1RB#0	0.15~30	-53.54	PASS
Band17	5MHz	QPSK	23790	1RB#0	30~1000	-63.55	PASS
Band17	5MHz	QPSK	23790	1RB#0	1000~3000	-39.24	PASS
Band17	5MHz	QPSK	23790	1RB#0	3000~10000	-50.28	PASS
Band17	5MHz	16QAM	23790	1RB#0	0.009~0.15	-43.04	PASS
Band17	5MHz	16QAM	23790	1RB#0	0.15~30	-54.14	PASS
Band17	5MHz	16QAM	23790	1RB#0	30~1000	-64.82	PASS
Band17	5MHz	16QAM	23790	1RB#0	1000~3000	-40.15	PASS
Band17	5MHz	16QAM	23790	1RB#0	3000~10000	-50.26	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.009~0.15	-42.34	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.15~30	-53.66	PASS
Band17	5MHz	QPSK	23825	1RB#0	30~1000	-64.63	PASS
Band17	5MHz	QPSK	23825	1RB#0	1000~3000	-44.20	PASS
Band17	5MHz	QPSK	23825	1RB#0	3000~10000	-50.49	PASS
Band17	5MHz	16QAM	23825	1RB#0	0.009~0.15	-45.24	PASS
Band17	5MHz	16QAM	23825	1RB#0	0.15~30	-52.97	PASS
Band17	5MHz	16QAM	23825	1RB#0	30~1000	-64.48	PASS
Band17	5MHz	16QAM	23825	1RB#0	1000~3000	-45.93	PASS
Band17	5MHz	16QAM	23825	1RB#0	3000~10000	-50.38	PASS
Band17	10MHz	QPSK	23780	1RB#0	0.009~0.15	-42.39	PASS
Band17	10MHz	QPSK	23780	1RB#0	0.15~30	-52.48	PASS

Band17	10MHz	QPSK	23780	1RB#0	30~1000	-64.55	PASS
Band17	10MHz	QPSK	23780	1RB#0	1000~3000	-38.88	PASS
Band17	10MHz	QPSK	23780	1RB#0	3000~10000	-50.43	PASS
Band17	10MHz	16QAM	23780	1RB#0	0.009~0.15	-43.42	PASS
Band17	10MHz	16QAM	23780	1RB#0	0.15~30	-54.75	PASS
Band17	10MHz	16QAM	23780	1RB#0	30~1000	-64.71	PASS
Band17	10MHz	16QAM	23780	1RB#0	1000~3000	-39.94	PASS
Band17	10MHz	16QAM	23780	1RB#0	3000~10000	-50.47	PASS
Band17	10MHz	QPSK	23790	1RB#0	0.009~0.15	-39.37	PASS
Band17	10MHz	QPSK	23790	1RB#0	0.15~30	-52.33	PASS
Band17	10MHz	QPSK	23790	1RB#0	30~1000	-64.32	PASS
Band17	10MHz	QPSK	23790	1RB#0	1000~3000	-38.70	PASS
Band17	10MHz	QPSK	23790	1RB#0	3000~10000	-50.36	PASS
Band17	10MHz	16QAM	23790	1RB#0	0.009~0.15	-43.82	PASS
Band17	10MHz	16QAM	23790	1RB#0	0.15~30	-55.51	PASS
Band17	10MHz	16QAM	23790	1RB#0	30~1000	-64.91	PASS
Band17	10MHz	16QAM	23790	1RB#0	1000~3000	-38.22	PASS
Band17	10MHz	16QAM	23790	1RB#0	3000~10000	-50.29	PASS
Band17	10MHz	QPSK	23800	1RB#0	0.009~0.15	-40.83	PASS
Band17	10MHz	QPSK	23800	1RB#0	0.15~30	-53.00	PASS
Band17	10MHz	QPSK	23800	1RB#0	30~1000	-64.49	PASS
Band17	10MHz	QPSK	23800	1RB#0	1000~3000	-38.54	PASS
Band17	10MHz	QPSK	23800	1RB#0	3000~10000	-50.23	PASS
Band17	10MHz	16QAM	23800	1RB#0	0.009~0.15	-42.72	PASS
Band17	10MHz	16QAM	23800	1RB#0	0.15~30	-55.42	PASS
Band17	10MHz	16QAM	23800	1RB#0	30~1000	-64.51	PASS
Band17	10MHz	16QAM	23800	1RB#0	1000~3000	-38.43	PASS
Band17	10MHz	16QAM	23800	1RB#0	3000~10000	-50.22	PASS

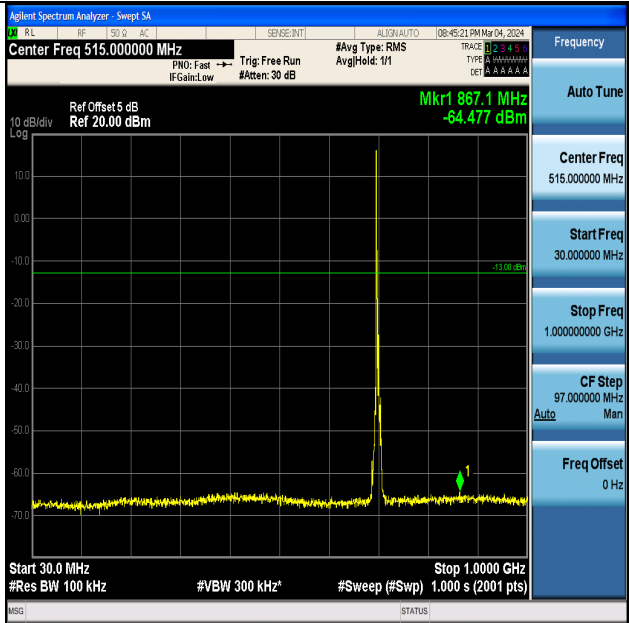
Test Graphs



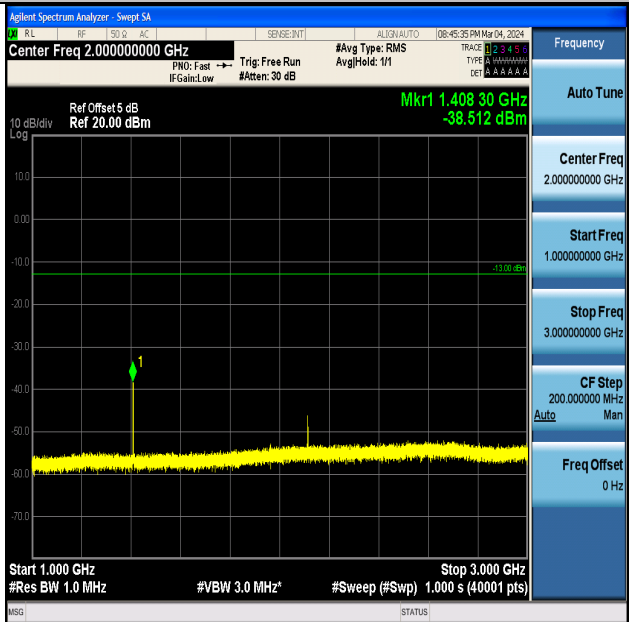
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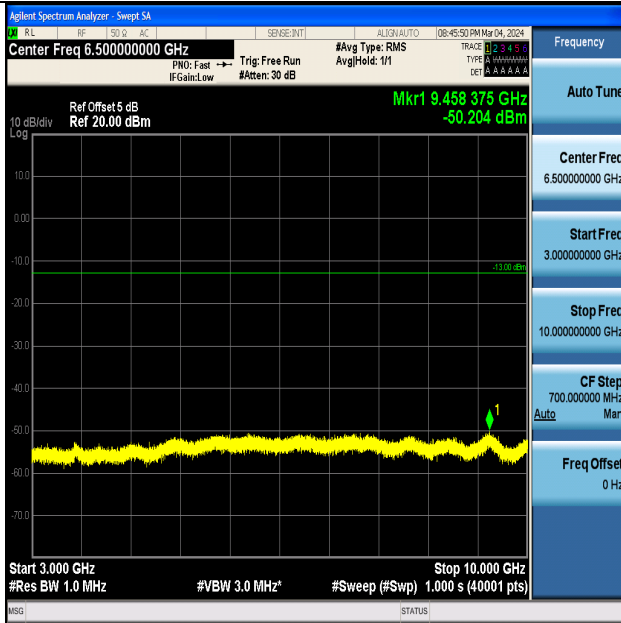
Band17_5MHz_QPSK_23755_1RB#0_0.15~30_0.15~30



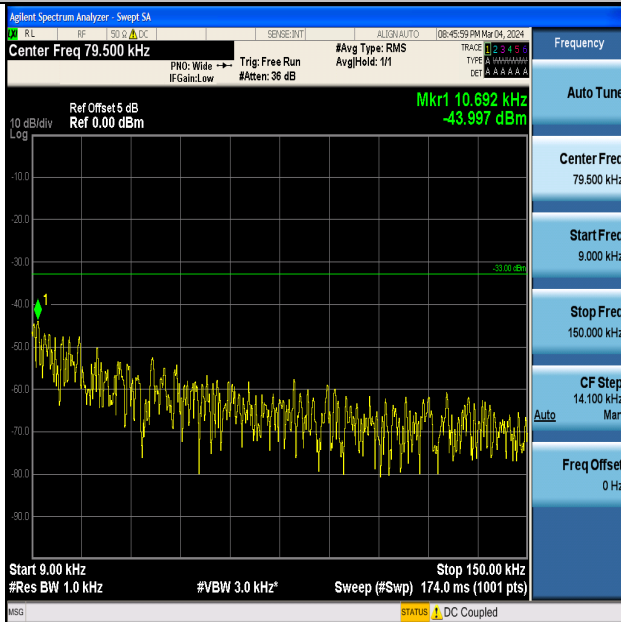
Band17_5MHz_QPSK_23755_1RB#0_30~1000_30~1000



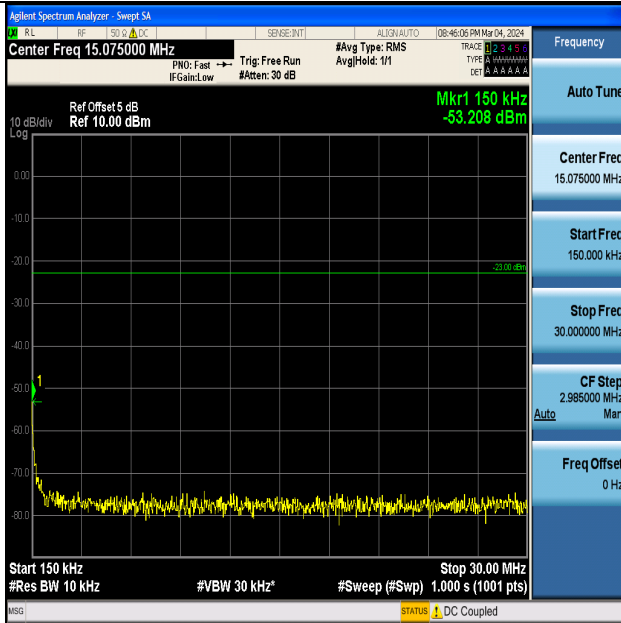
Band17_5MHz_QPSK_23755_1RB#0_1000~3000_1000~3000



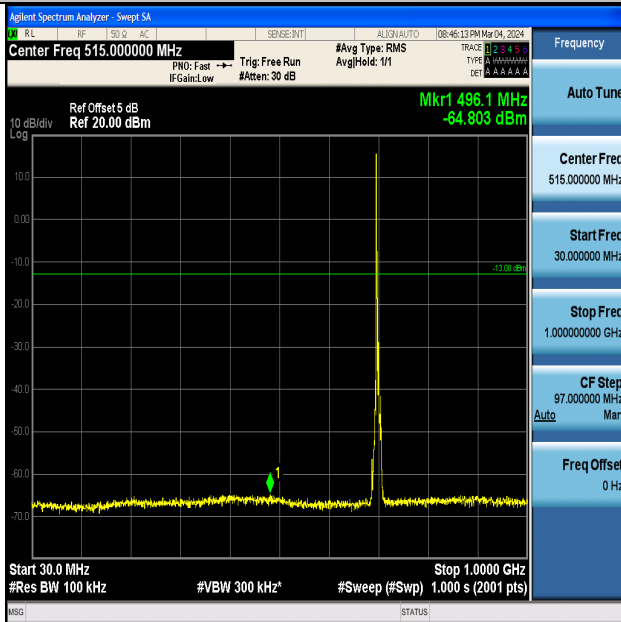
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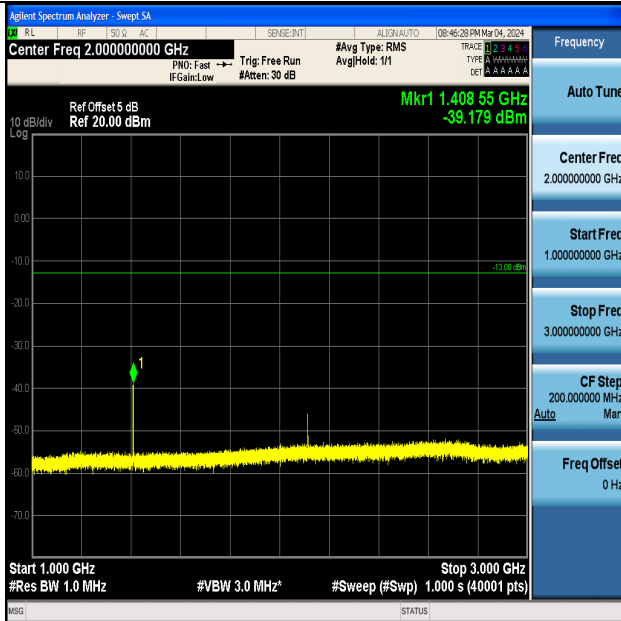
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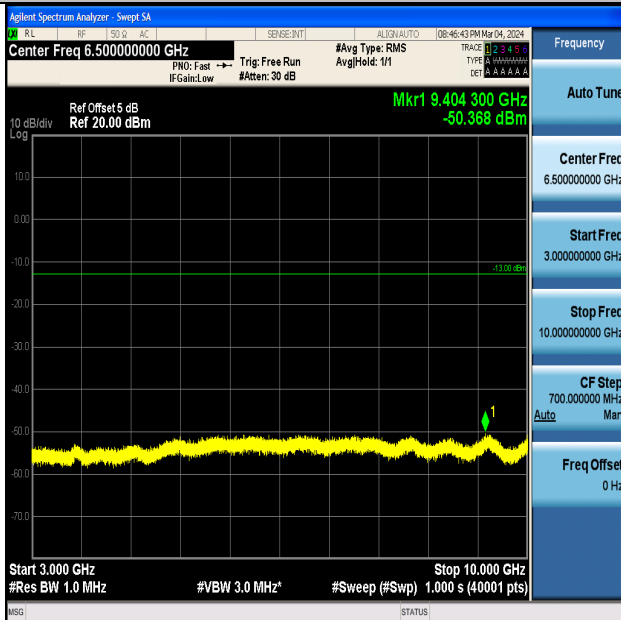
Band17_5MHz_16QAM_23755_1RB#0_0.15~30_0.15~30



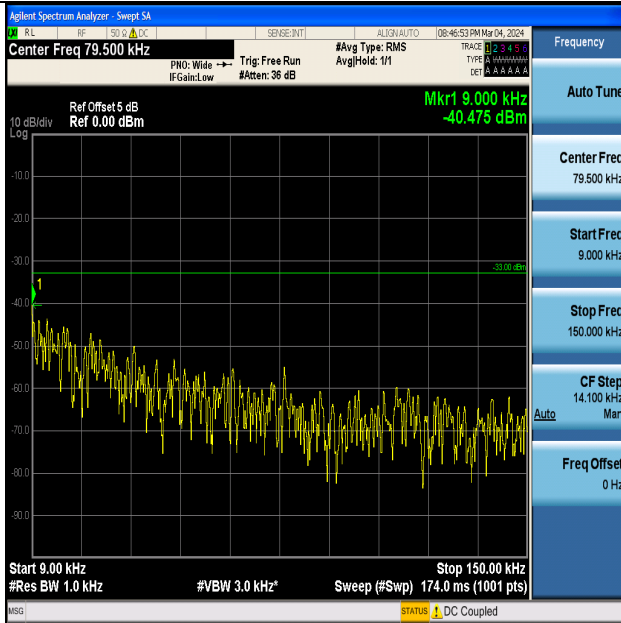
Band17_5MHz_16QAM_23755_1RB#0_30~1000_30~1000



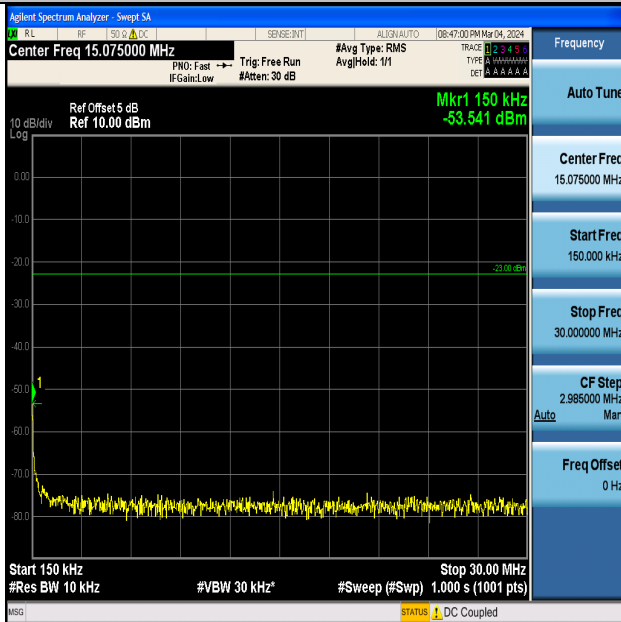
Band17_5MHz_16QAM_23755_1RB#0_1000~3000_1000~3000



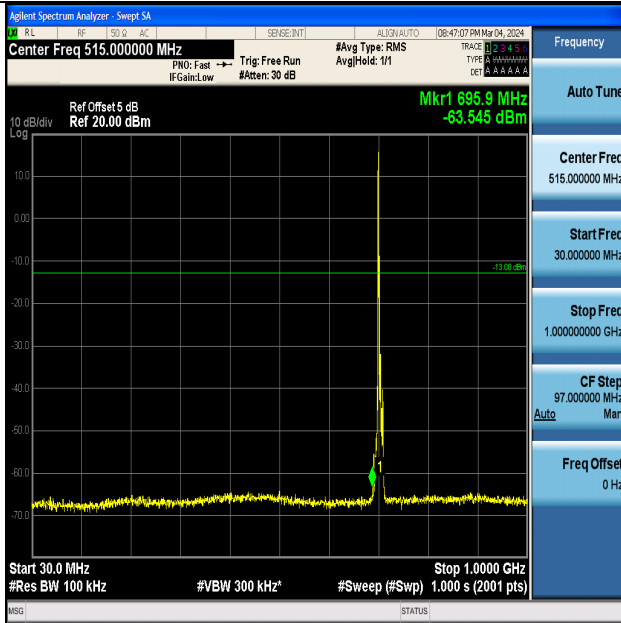
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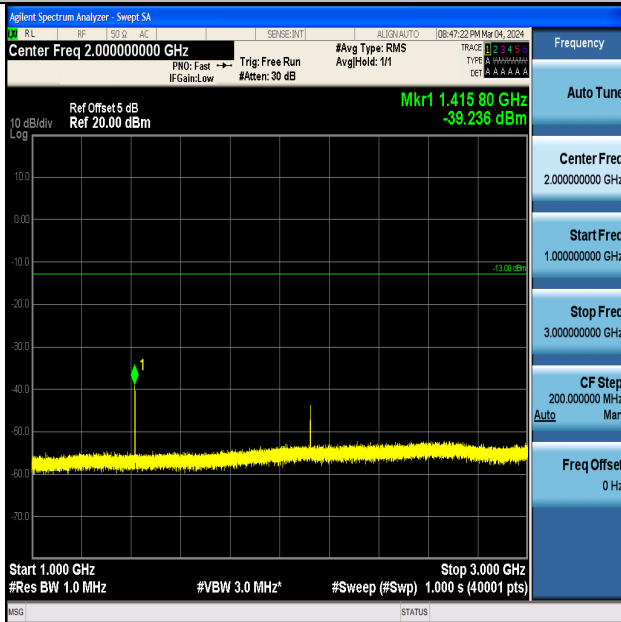
Band17_5MHz_QPSK_23790_1RB#0_0.009~0.15_0.009~0.15



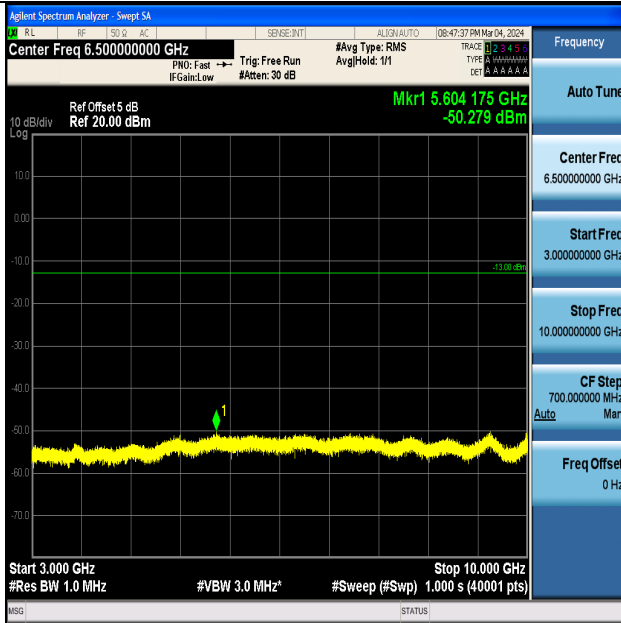
Band17_5MHz_QPSK_23790_1RB#0_0.15~30_0.15~30



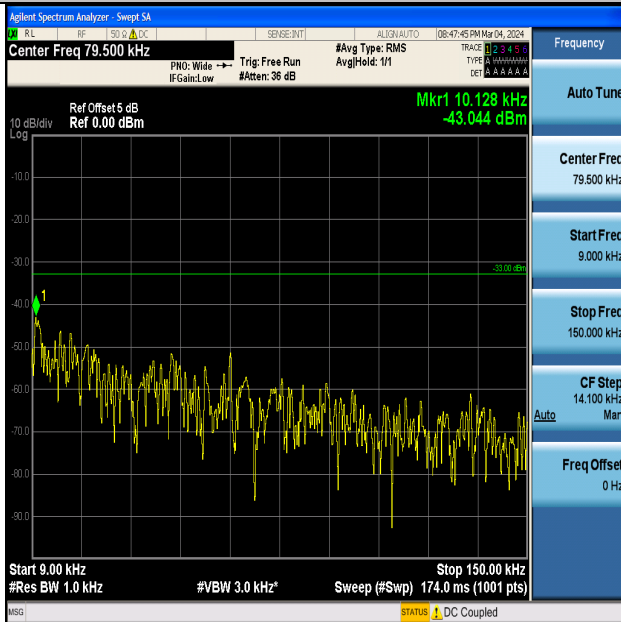
Band17_5MHz_QPSK_23790_1RB#0_30~1000_30~1000



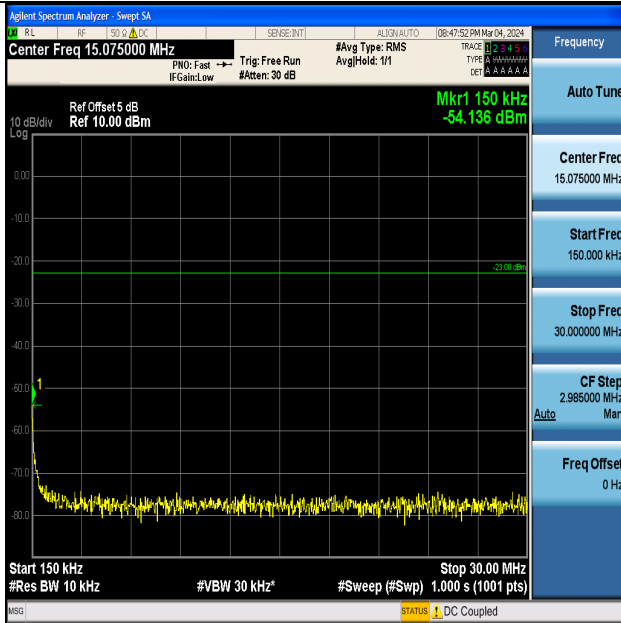
Band17_5MHz_QPSK_23790_1RB#0_1000~3000_1000~3000



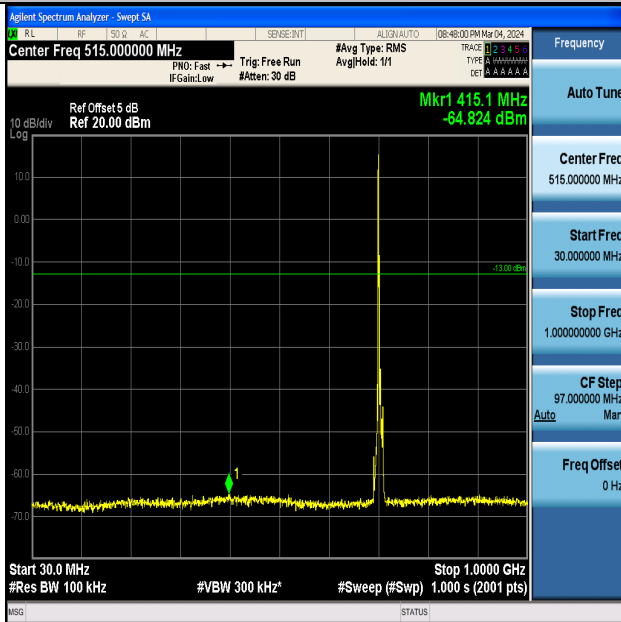
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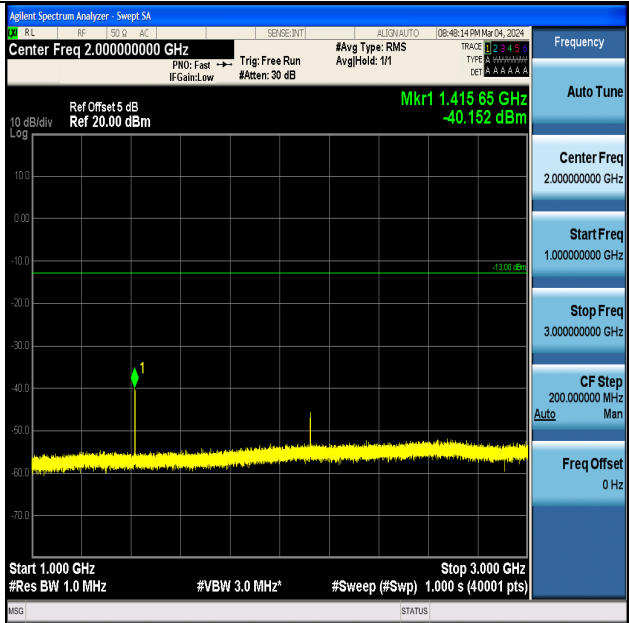
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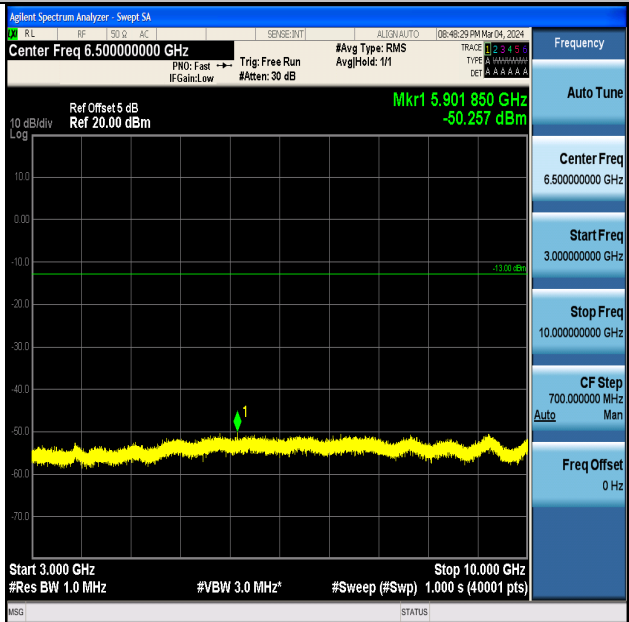
Band17_5MHz_16QAM_23790_1RB#0_0.15~30_0.15~30



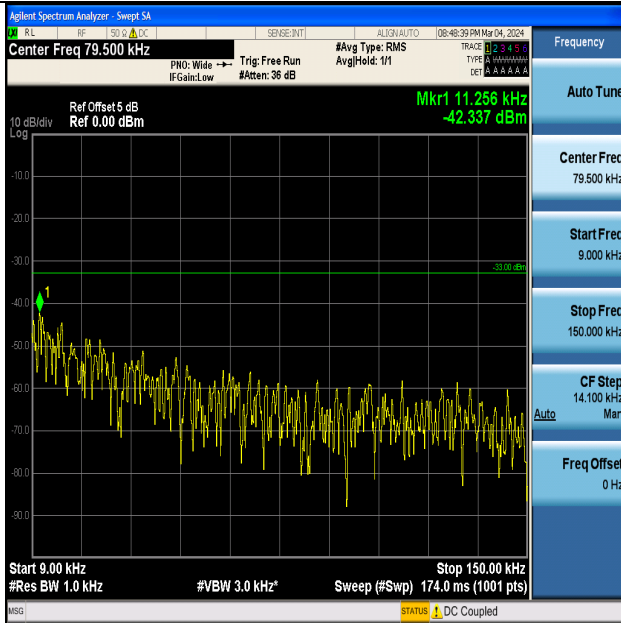
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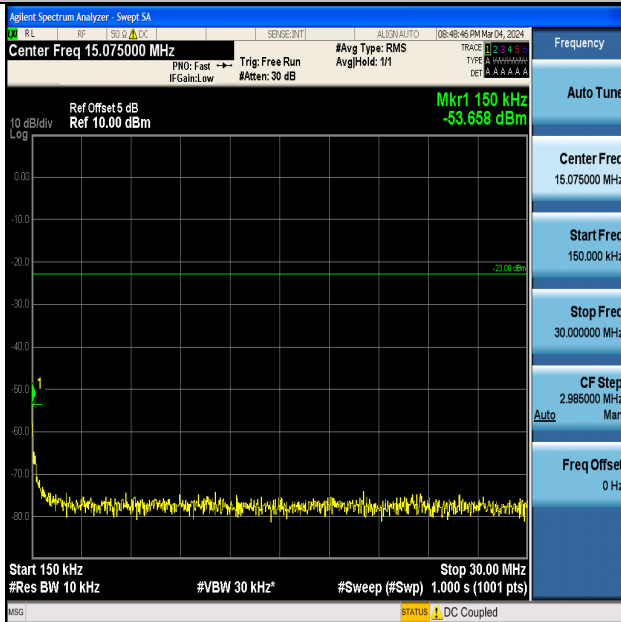
Band17_5MHz_16QAM_23790_1RB#0_1000~3000_1000~3000



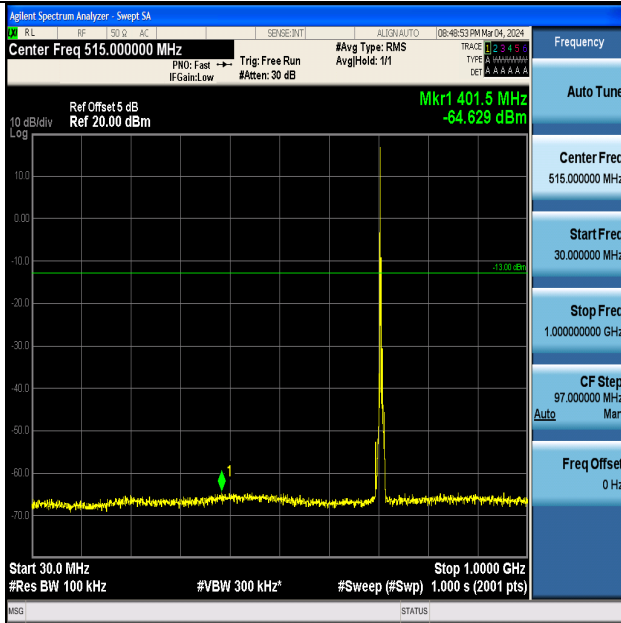
Band17_5MHz_16QAM_23790_1RB#0_3000~10000_3000~10000



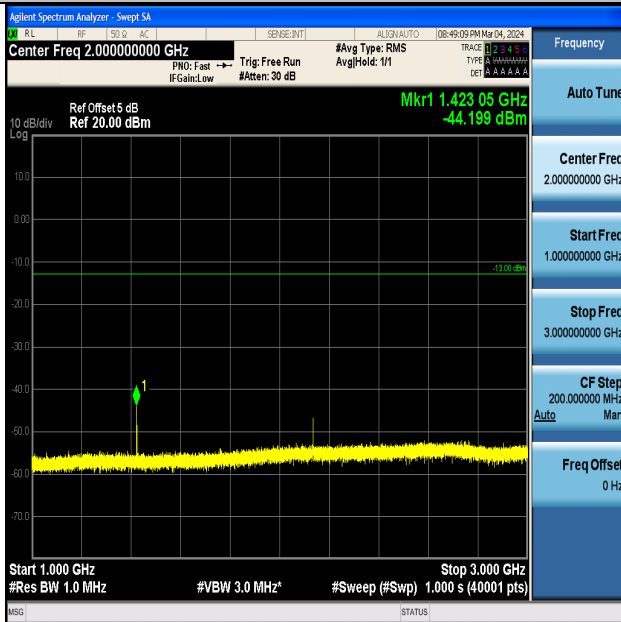
Band17_5MHz_QPSK_23825_1RB#0_0.009~0.15_0.009~0.15



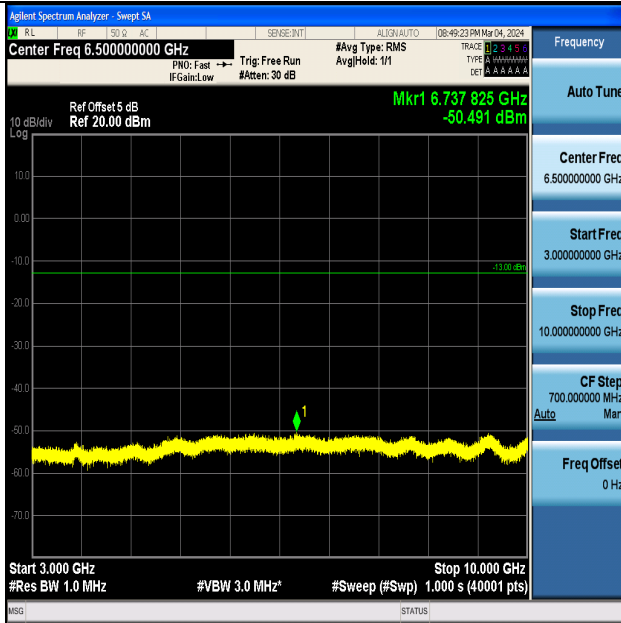
Band17_5MHz_QPSK_23825_1RB#0_0.15~30_0.15~30



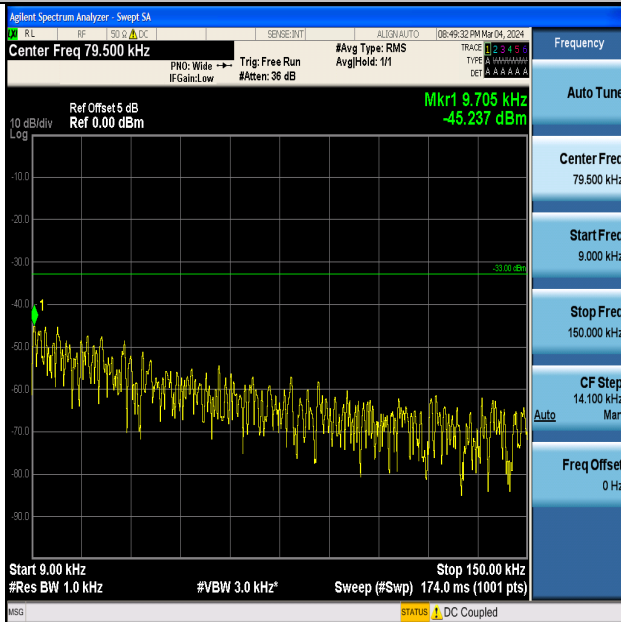
Band17_5MHz_QPSK_23825_1RB#0_30~1000_30~1000



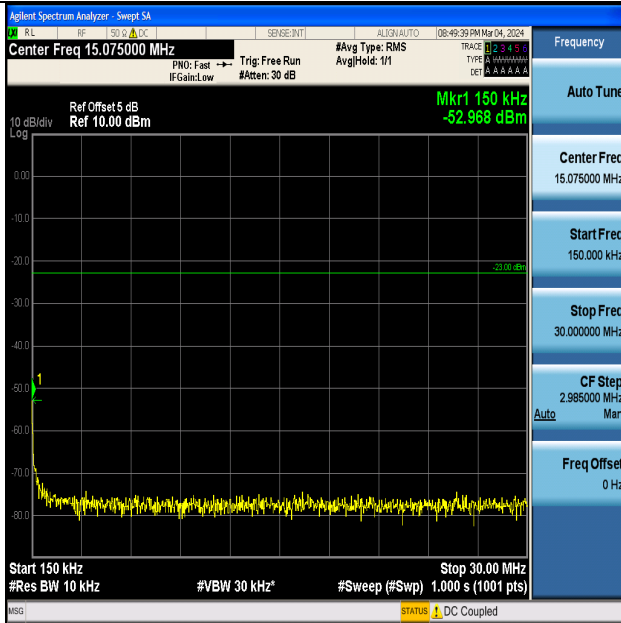
Band17_5MHz_QPSK_23825_1RB#0_1000~3000_1000~3000



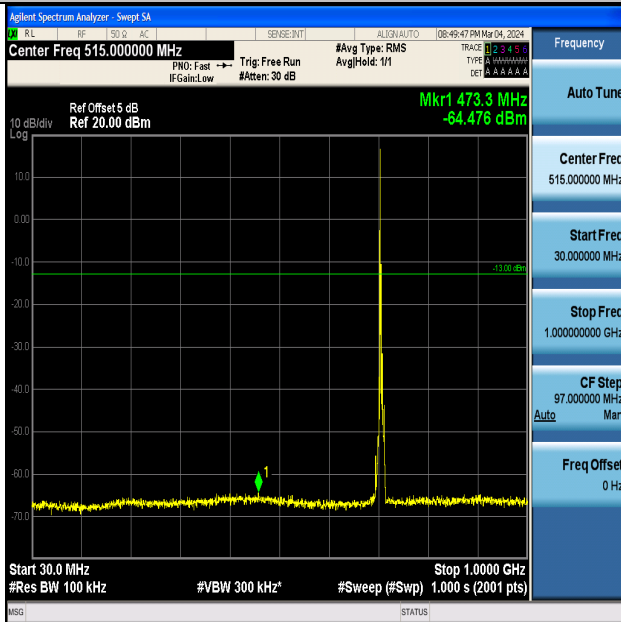
Band17_5MHz_QPSK_23825_1RB#0_3000~10000_3000~10000



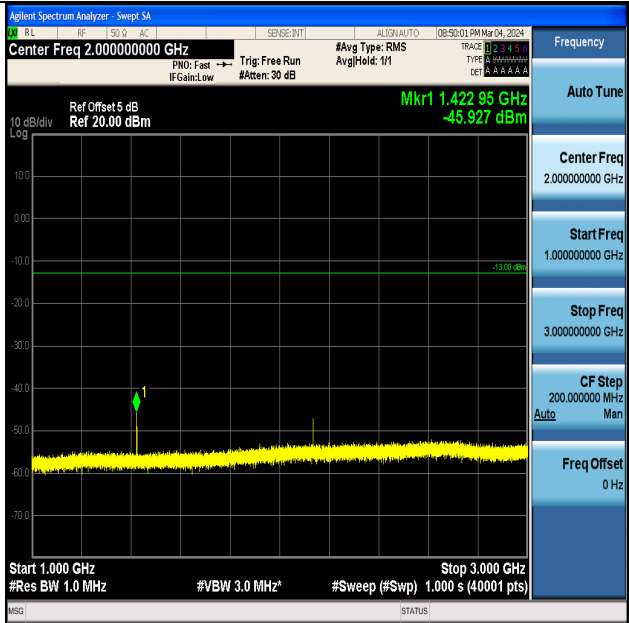
Band17_5MHz_16QAM_23825_1RB#0_0.009~0.15_0.009~0.15



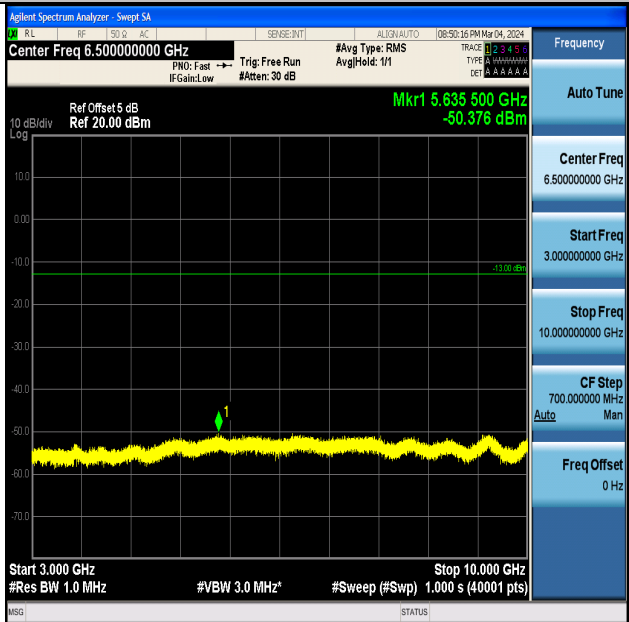
Band17_5MHz_16QAM_23825_1RB#0_0.15~30_0.15~30



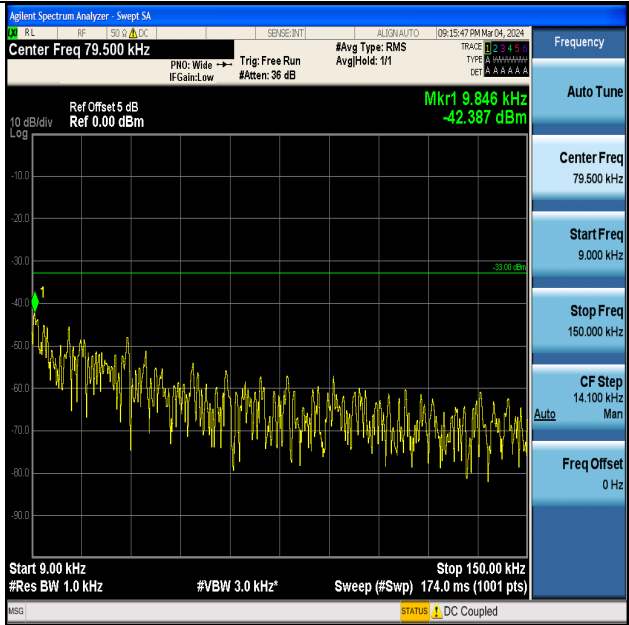
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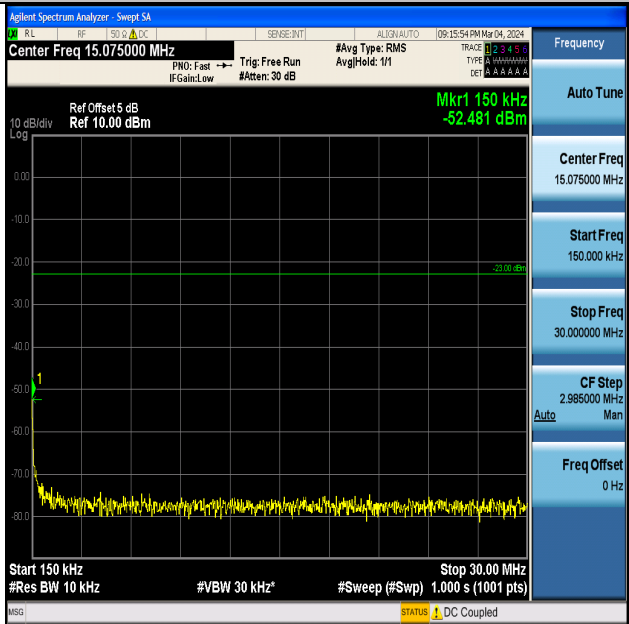
Band17_5MHz_16QAM_23825_1RB#0_1000~3000_1000~3000



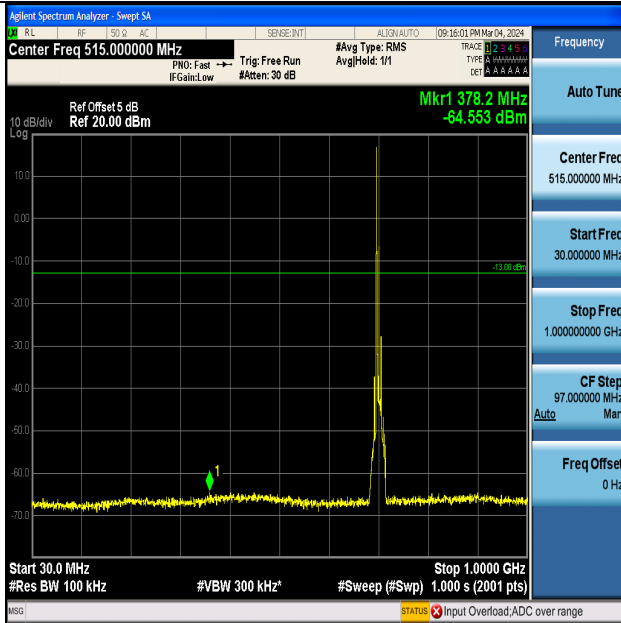
Band17_5MHz_16QAM_23825_1RB#0_3000~10000_3000~10000



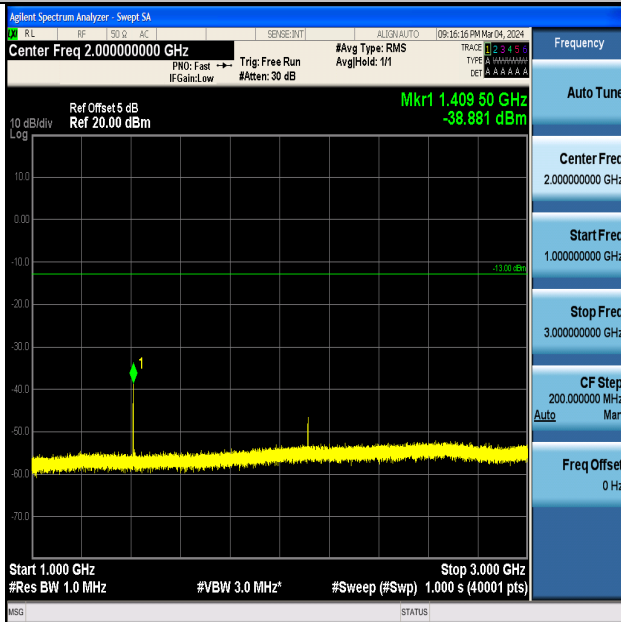
Band17_10MHz_QPSK_23780_1RB#0_0.009~0.15_0.009~0.15



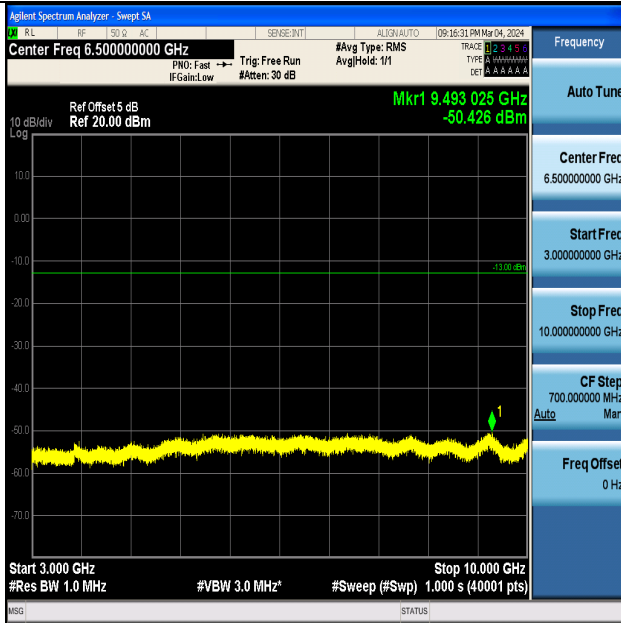
Band17_10MHz_QPSK_23780_1RB#0_0.15~30_0.15~30



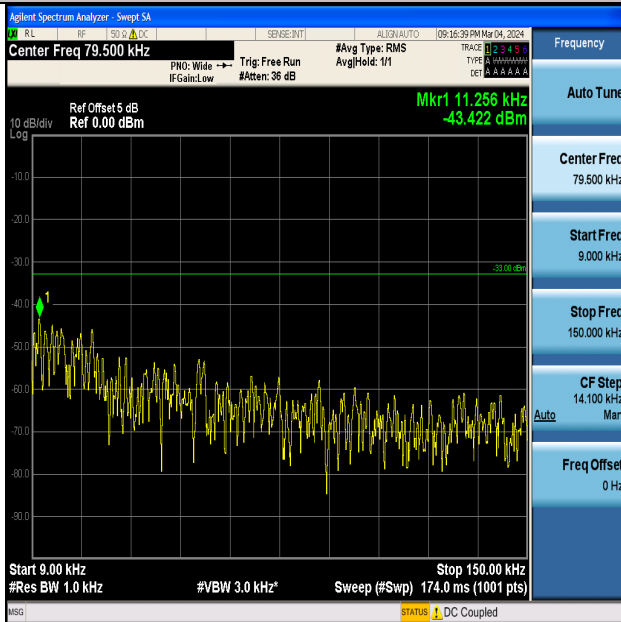
Band17_10MHz_QPSK_23780_1RB#0_30~1000_30~1000



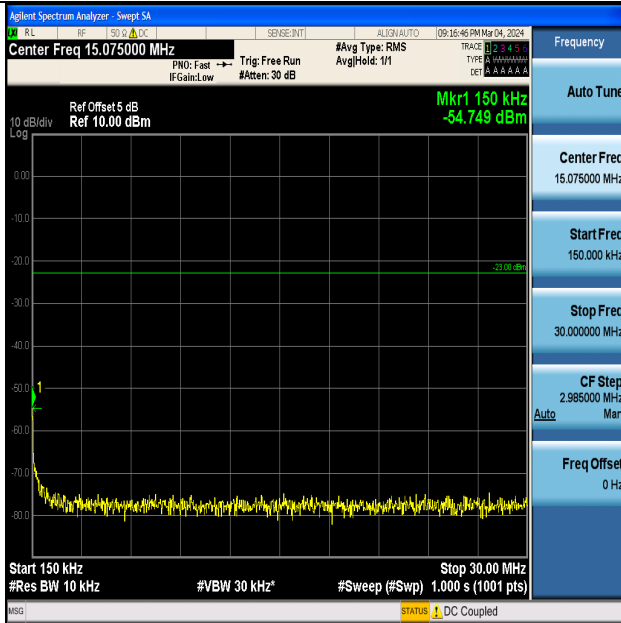
Band17_10MHz_QPSK_23780_1RB#0_1000~3000_1000~3000



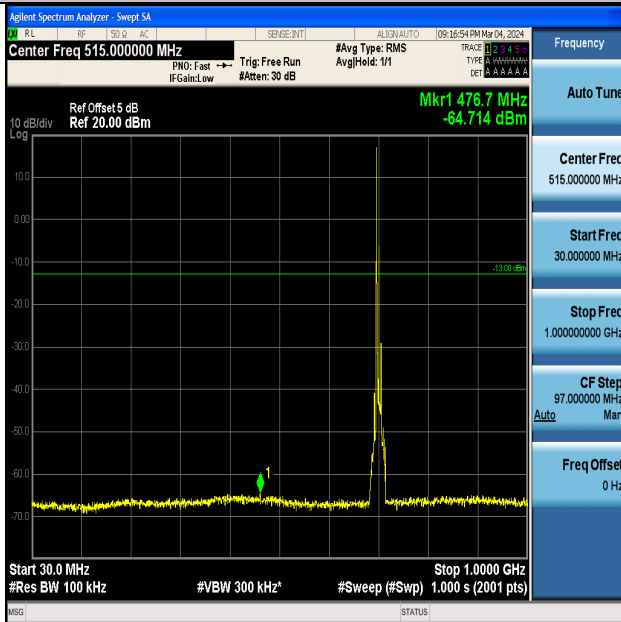
Band17_10MHz_QPSK_23780_1RB#0_3000~10000_3000~10000



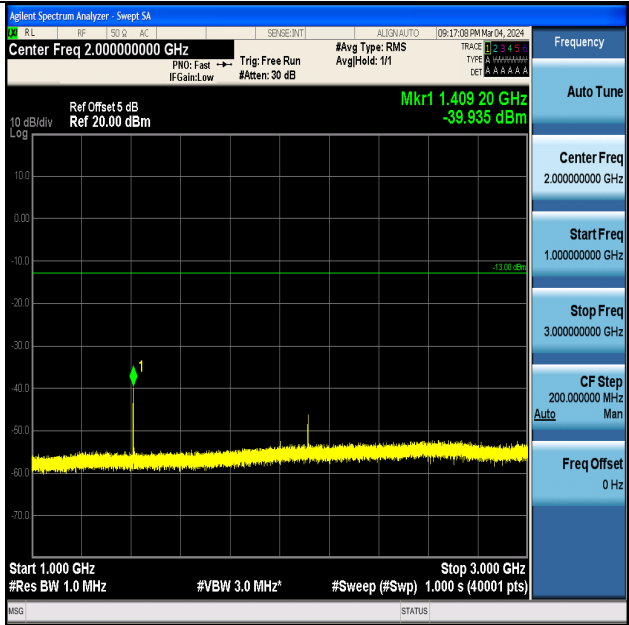
Band17_10MHz_16QAM_23780_1RB#0_0.009~0.15_0.009~0.15



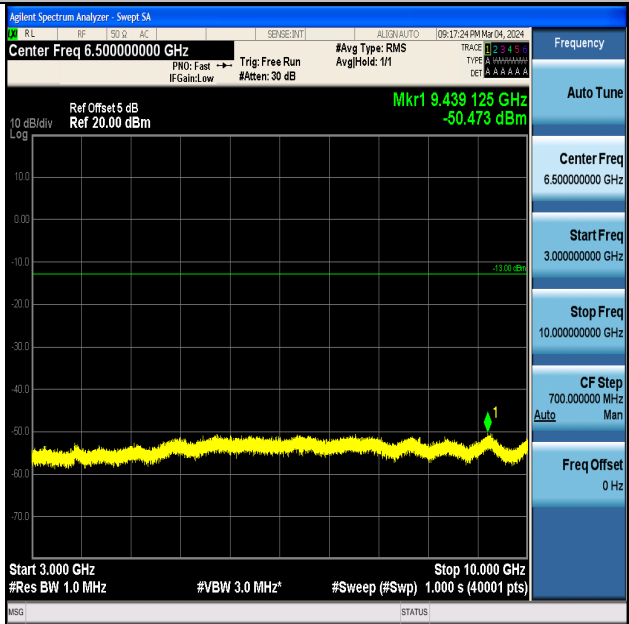
Band17_10MHz_16QAM_23780_1RB#0_0.15~30_0.15~30



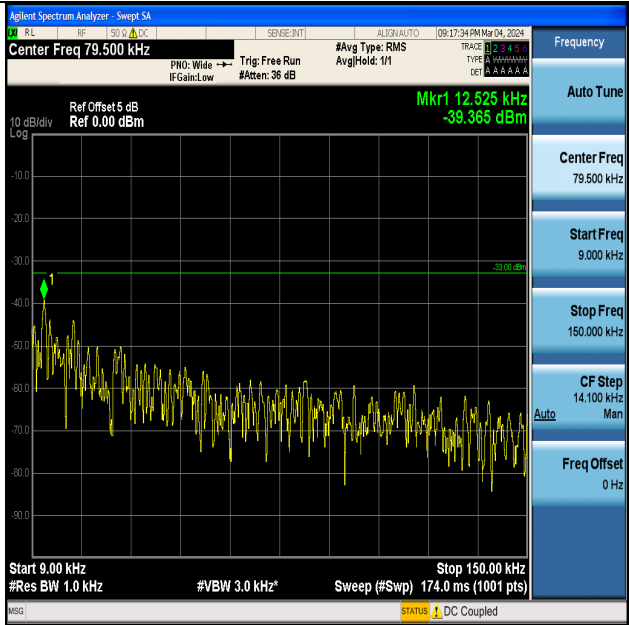
Band17_10MHz_16QAM_23780_1RB#0_30~1000_30~1000



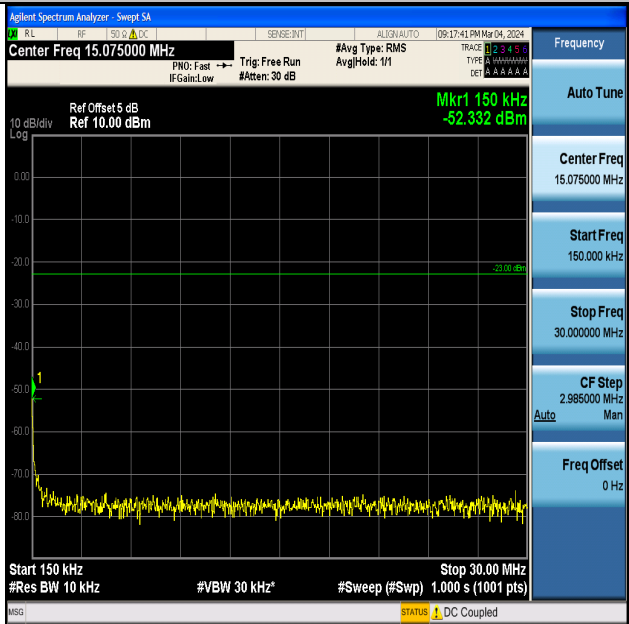
Band17_10MHz_16QAM_23780_1RB#0_1000~3000_1000~3000



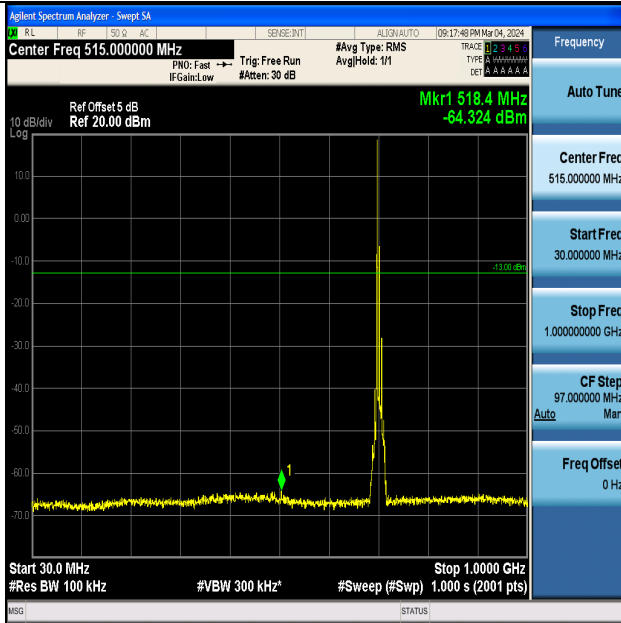
Band17_10MHz_16QAM_23780_1RB#0_3000~10000_3000~10000



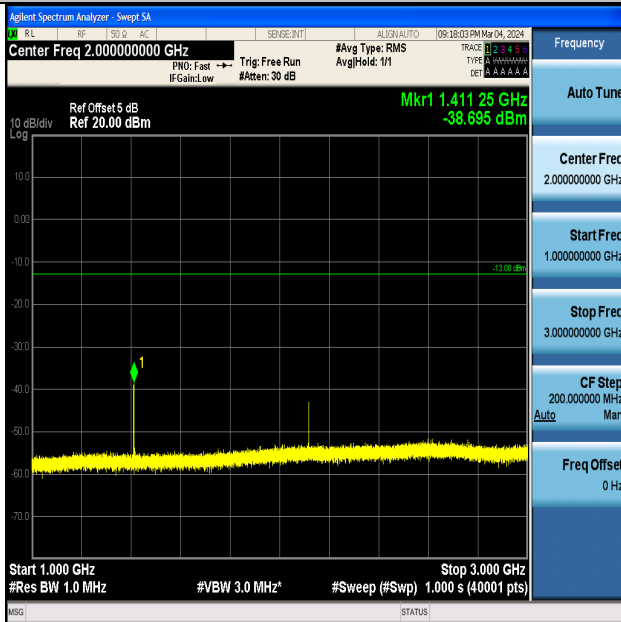
Band17_10MHz_QPSK_23790_1RB#0_0.009~0.15_0.009~0.15



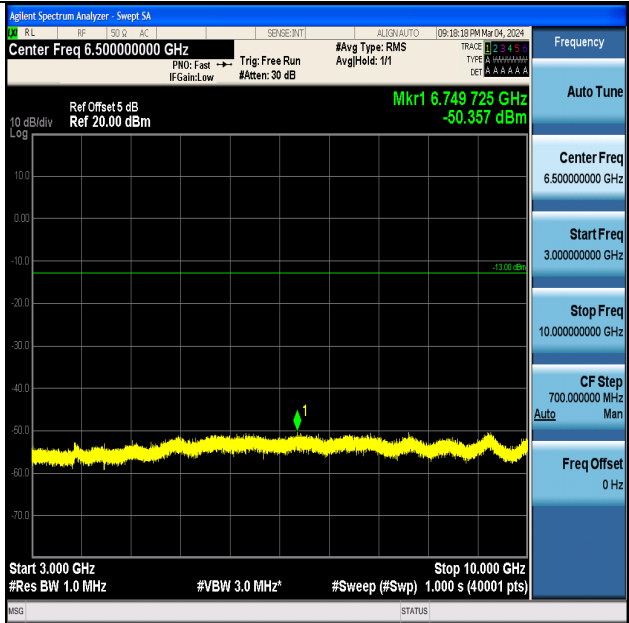
Band17_10MHz_QPSK_23790_1RB#0_0.15~30_0.15~30



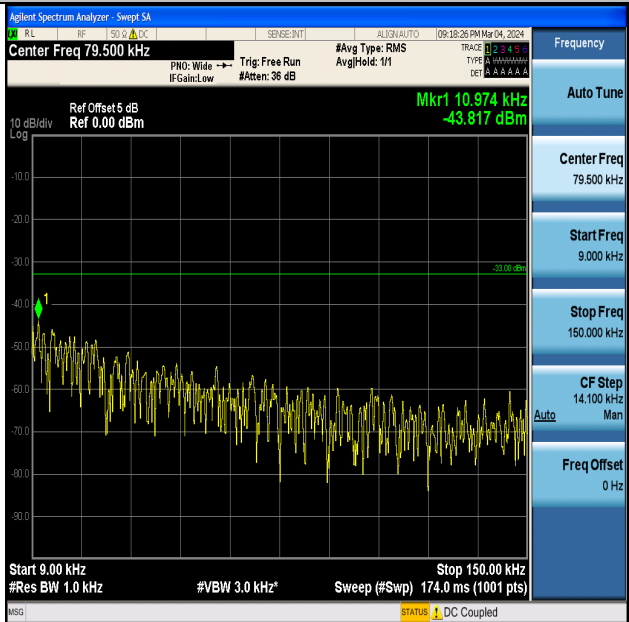
Band17_10MHz_QPSK_23790_1RB#0_30~1000_30~1000



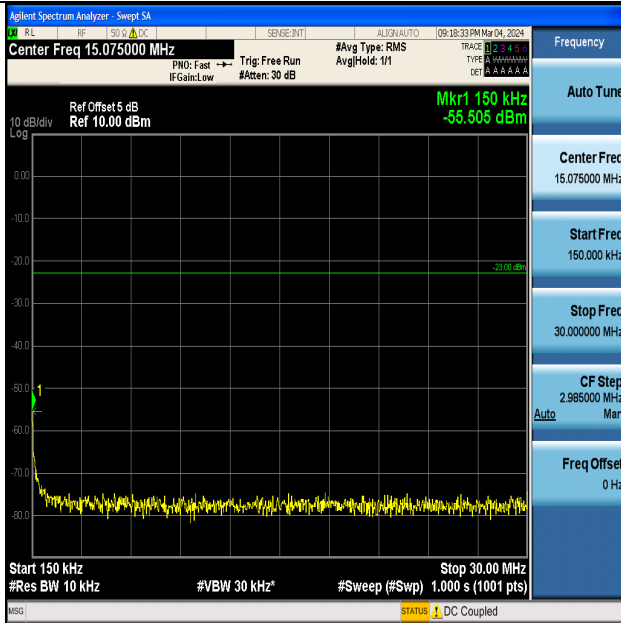
Band17_10MHz_QPSK_23790_1RB#0_1000~3000_1000~3000



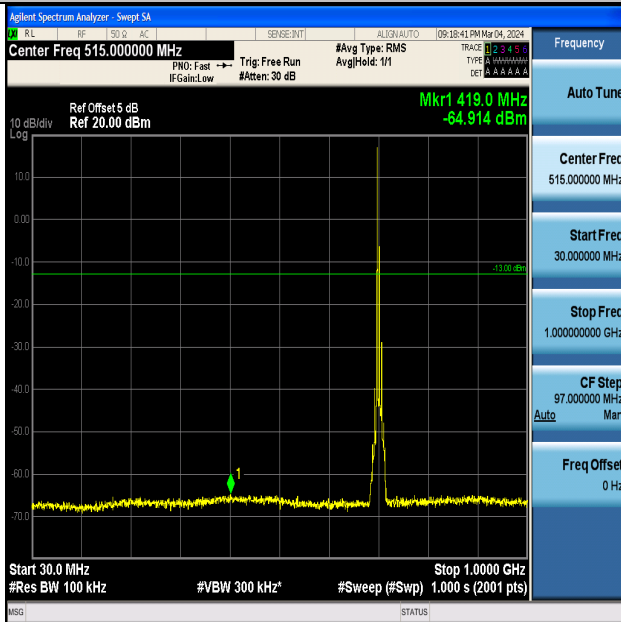
Band17_10MHz_QPSK_23790_1RB#0_3000~10000_3000~10000



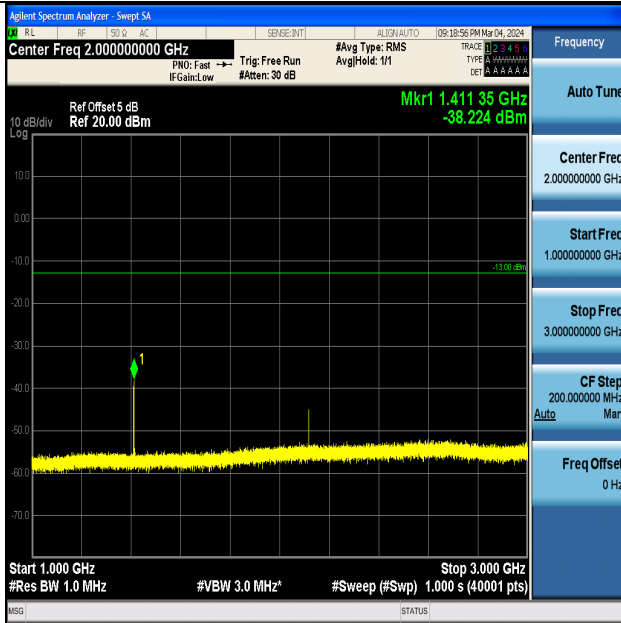
Band17_10MHz_16QAM_23790_1RB#0_0.009~0.15_0.009~0.15



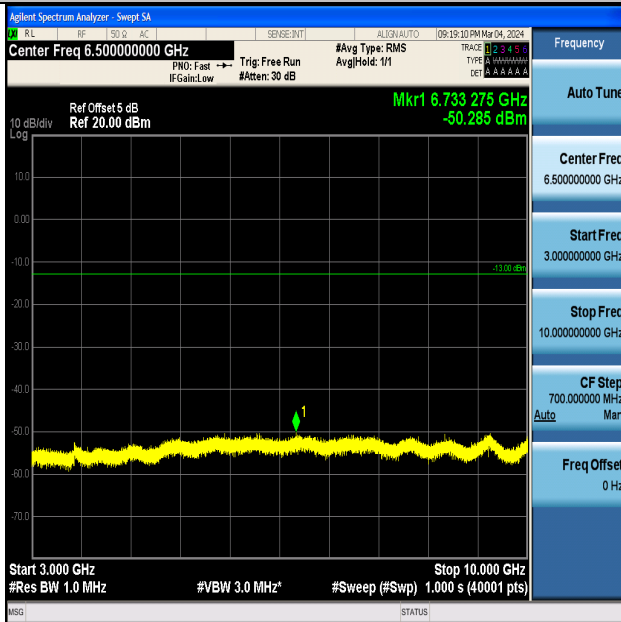
Band17_10MHz_16QAM_23790_1RB#0_0.15~30_0.15~30



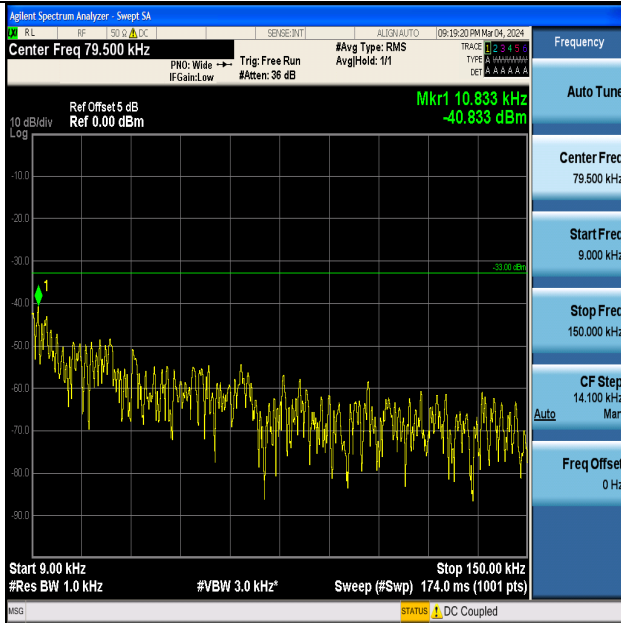
Band17_10MHz_16QAM_23790_1RB#0_30~1000_30~1000



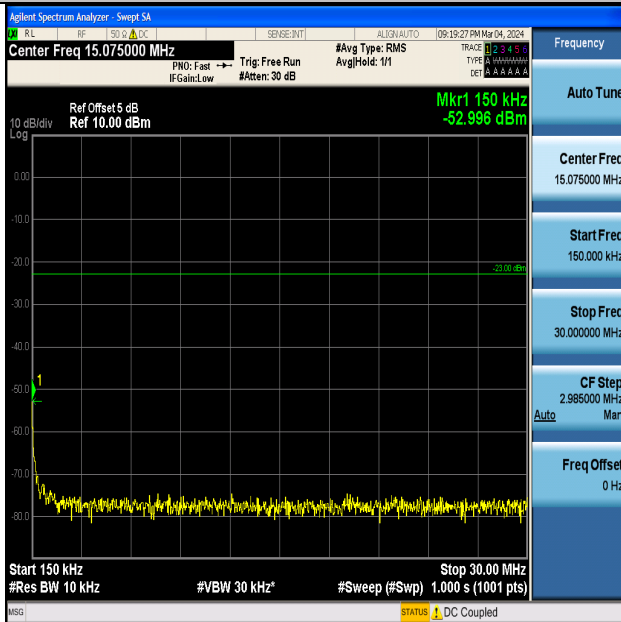
Band17_10MHz_16QAM_23790_1RB#0_1000~3000_1000~3000



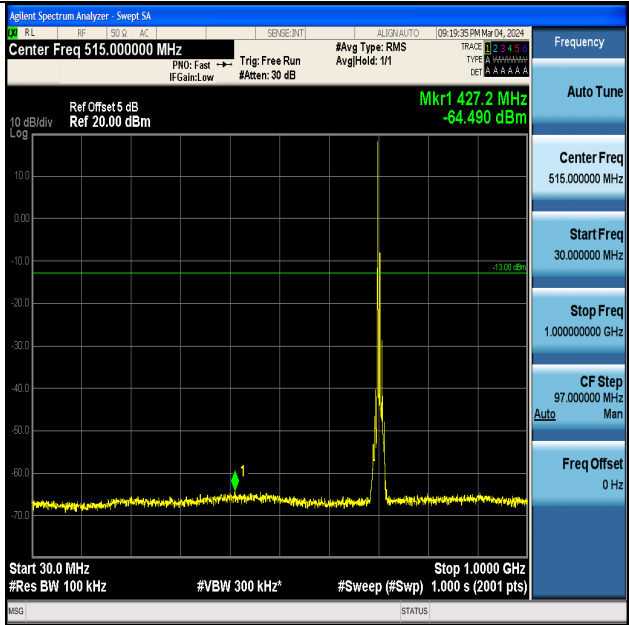
Band17_10MHz_16QAM_23790_1RB#0_3000~10000_3000~10000



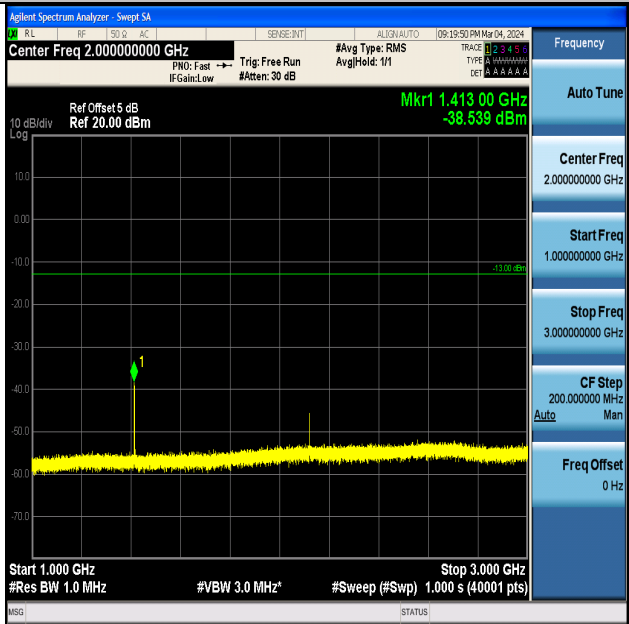
Band17_10MHz_QPSK_23800_1RB#0_0.009~0.15_0.009~0.15



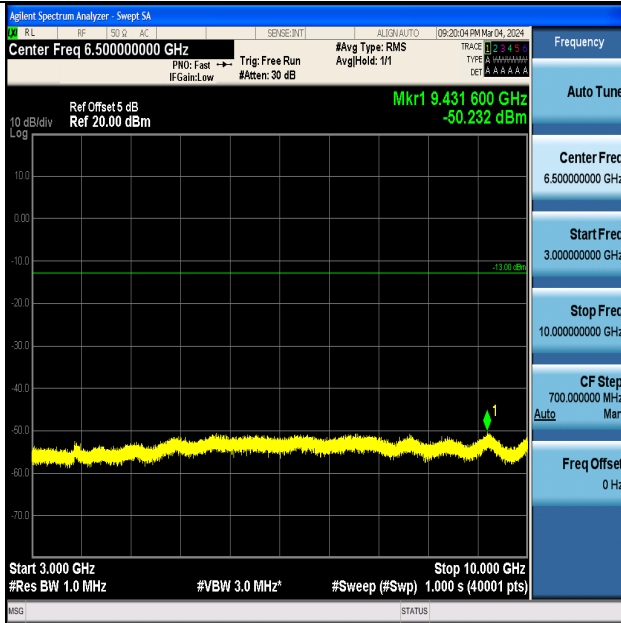
Band17_10MHz_QPSK_23800_1RB#0_0.15~30_0.15~30



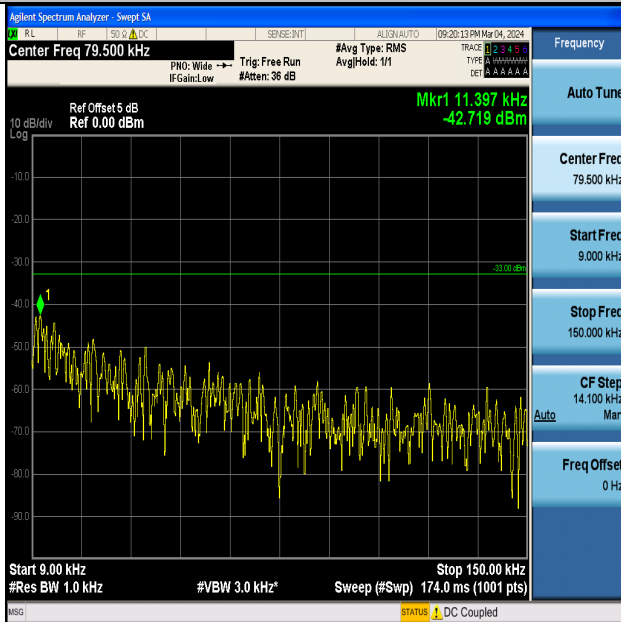
Band17_10MHz_QPSK_23800_1RB#0_30~1000_30~1000



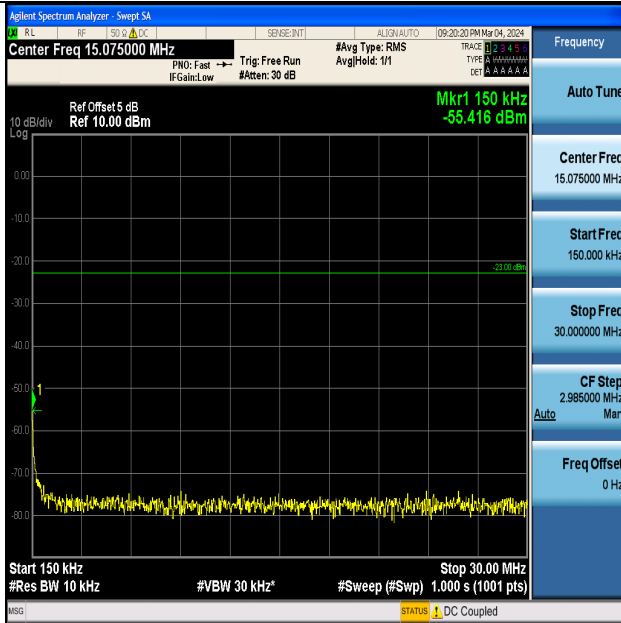
Band17_10MHz_QPSK_23800_1RB#0_1000~3000_1000~3000



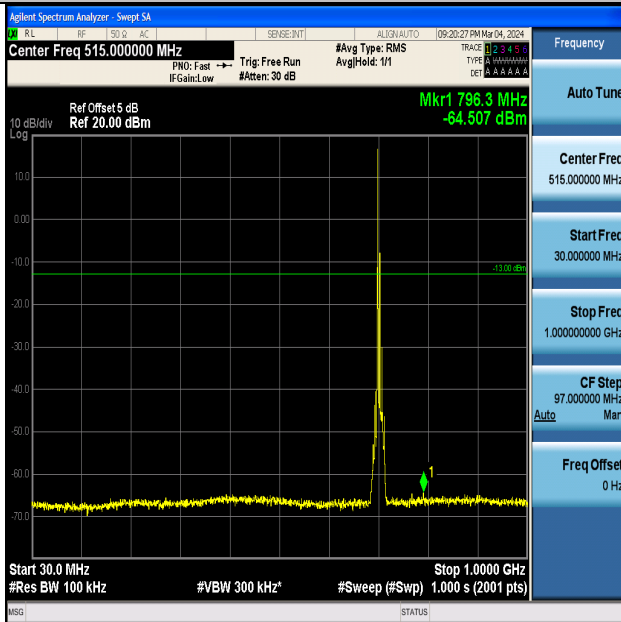
Band17_10MHz_QPSK_23800_1RB#0_3000~10000_3000~10000



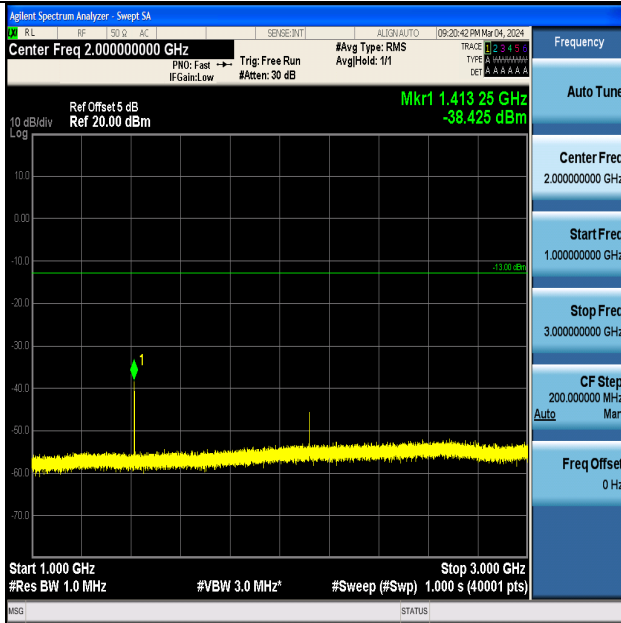
Band17_10MHz_16QAM_23800_1RB#0_0.009~0.15_0.009~0.15



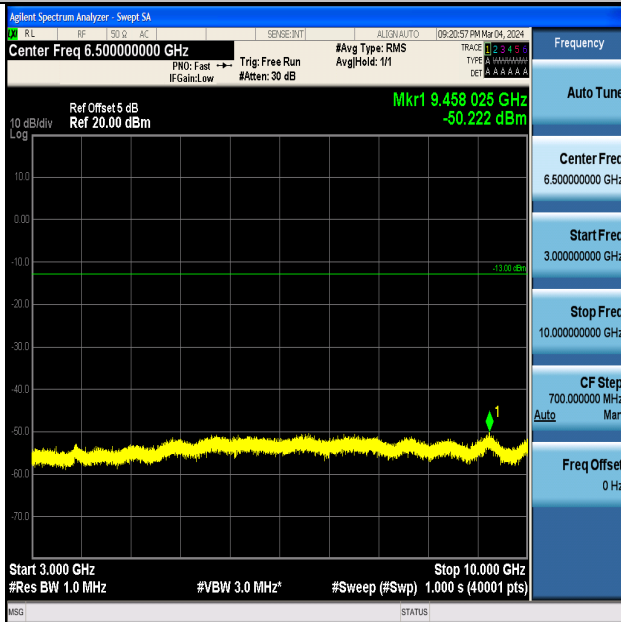
Band17_10MHz_16QAM_23800_1RB#0_0.15~30_0.15~30



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

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	-7.94	-0.011238	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VL	NT	-9.34	-0.013220	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VH	NT	-7.54	-0.010672	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VN	NT	-2.05	-0.002902	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VL	NT	-4.87	-0.006893	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VH	NT	-9.76	-0.013815	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VN	NT	-5.58	-0.007859	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VL	NT	-3.41	-0.004803	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VH	NT	-6.98	-0.009831	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VN	NT	-3.36	-0.004732	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VL	NT	-10.29	-0.014493	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VH	NT	-7.28	-0.010254	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VN	NT	-7.29	-0.010217	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VL	NT	-10.31	-0.014450	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VH	NT	-8.47	-0.011871	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VN	NT	-11.83	-0.016580	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VL	NT	-6.31	-0.008844	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VH	NT	-10.49	-0.014702	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VN	NT	-6.23	-0.008787	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VL	NT	-8.78	-0.012384	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VH	NT	-10.41	-0.014683	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VN	NT	-9.12	-0.012863	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VL	NT	-8.44	-0.011904	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VH	NT	-7.07	-0.009972	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	-9.29	-0.013085	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	-8.83	-0.012437	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	-8.86	-0.012479	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VN	NT	-6.85	-0.009648	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VL	NT	-6.95	-0.009789	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VH	NT	-9.89	-0.013930	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VN	NT	-5.61	-0.007890	±2.5	PASS

Band17	10MHz	QPSK	23800	50RB#0	VL	NT	-8.10	-0.011392	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VH	NT	-7.54	-0.010605	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VN	NT	-7.47	-0.010506	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VL	NT	-9.09	-0.012785	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VH	NT	-11.90	-0.016737	±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	-10	-9.01	-0.012753	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	0	-7.35	-0.010403	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	10	-7.42	-0.010502	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	20	-6.98	-0.009880	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	30	-8.33	-0.011791	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	40	-7.56	-0.010701	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	50	-9.45	-0.013376	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-10	-3.97	-0.005619	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	0	-7.22	-0.010219	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	10	-7.70	-0.010899	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	20	-12.18	-0.017240	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	30	-6.90	-0.009766	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	40	-6.69	-0.009469	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	50	-5.23	-0.007403	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-10	-12.86	-0.018113	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	0	-10.90	-0.015352	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	10	-13.97	-0.019676	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	20	-6.96	-0.009803	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	30	-7.27	-0.010239	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	40	-4.87	-0.006859	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	50	-6.01	-0.008465	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-10	-8.66	-0.012197	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	0	-12.08	-0.017014	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	10	-11.08	-0.015606	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	20	-5.44	-0.007662	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	30	-7.48	-0.010535	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	40	-14.13	-0.019901	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	50	-9.22	-0.012986	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-10	-8.91	-0.012488	±2.5	PASS

Band17	5MHz	QPSK	23825	25RB#0	NV	0	-12.24	-0.017155	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	10	-9.70	-0.013595	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	20	-8.87	-0.012432	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	30	-5.91	-0.008283	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	40	-8.84	-0.012390	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	50	-9.24	-0.012950	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-10	-7.23	-0.010133	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	0	-8.50	-0.011913	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	10	-5.77	-0.008087	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	20	-8.01	-0.011226	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	30	-4.57	-0.006405	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	40	-2.38	-0.003336	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	50	-11.53	-0.016160	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-10	-3.51	-0.004951	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	-7.01	-0.009887	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	-9.71	-0.013695	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	-6.48	-0.009140	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	30	-9.16	-0.012920	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	40	-9.89	-0.013949	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	50	-7.25	-0.010226	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-10	-10.18	-0.014358	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	-4.99	-0.007038	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	-9.27	-0.013075	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	-9.77	-0.013780	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	30	-8.05	-0.011354	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	40	-5.53	-0.007800	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	50	-14.60	-0.020592	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	-10.30	-0.014507	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	-12.51	-0.017620	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	-12.21	-0.017197	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-9.62	-0.013549	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-11.55	-0.016268	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-5.10	-0.007183	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	-6.50	-0.009155	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-10	-9.26	-0.013042	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	-7.15	-0.010070	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	-12.87	-0.018127	±2.5	PASS

Band17	10MHz	16QAM	23790	50RB#0	NV	20	-8.65	-0.012183	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	30	-13.35	-0.018803	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	40	-3.49	-0.004915	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	50	-6.08	-0.008563	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-10	-7.29	-0.010253	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	-9.34	-0.013136	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	10	-8.57	-0.012053	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	-11.53	-0.016217	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	30	-7.18	-0.010098	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	40	-7.39	-0.010394	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	50	-6.27	-0.008819	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-10	-8.29	-0.011660	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	-5.69	-0.008003	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	-6.39	-0.008987	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	-4.48	-0.006301	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	30	-6.81	-0.009578	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	40	-3.32	-0.004669	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	-5.24	-0.007370	±2.5	PASS

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