FCC Appendix RF Test Data for LTE

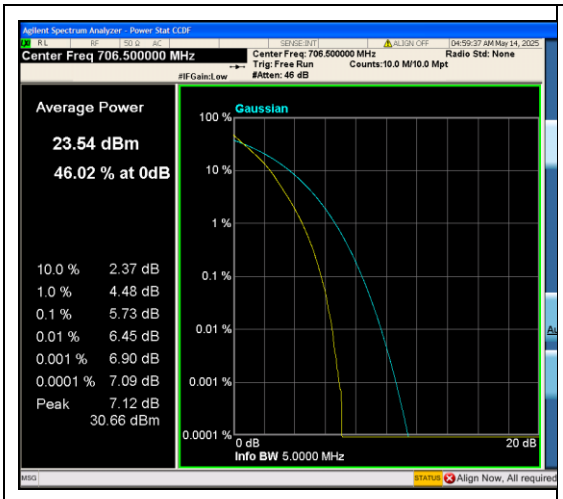
FCC ID	**:**	**2BPTB-CTAB12**
Company:	**:**	**LEON TRADE(H.K.)CO.,LIMITED.**
EUT	**:**	**11.97 inch Tablet**
Model Number	**:**	**Ctab 12**
Report No.	**:**	**CTA25050803006**
Reviewed By	**:**	**Eric Wang**

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

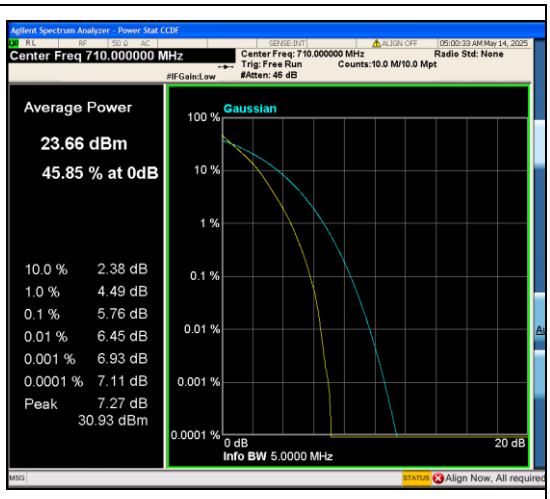
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	5.73	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.76	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.69	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.41	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.47	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	6.46	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.77	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.73	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.75	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.52	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.48	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.51	13	PASS

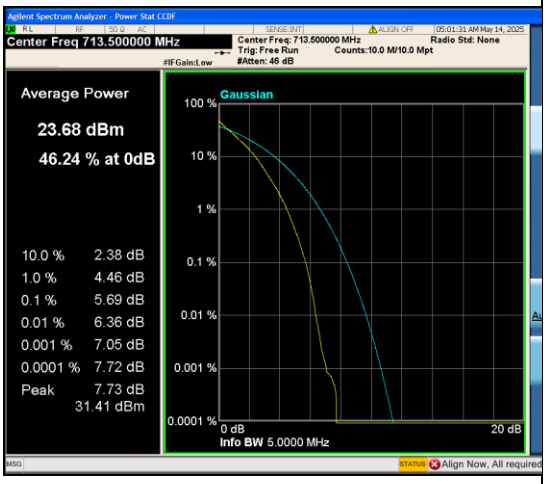
Test Graphs



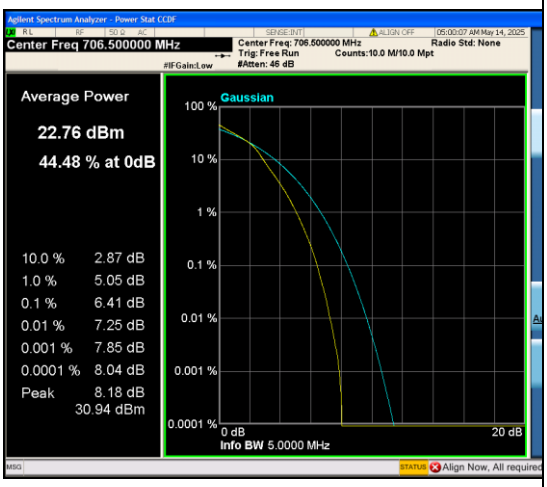
Band17-5MHz-QPSK-23755-25RB#0-PASS



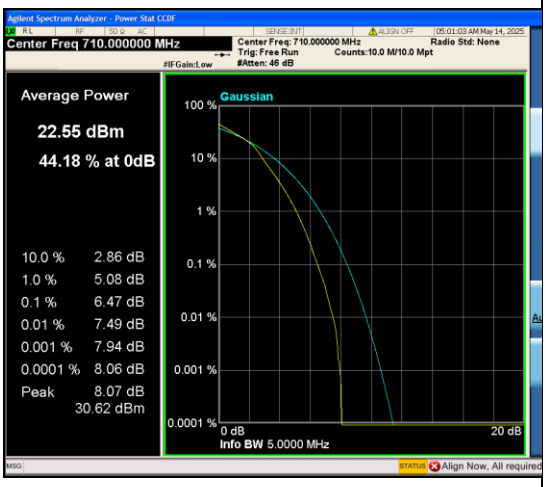
Band17-5MHz-QPSK-23790-25RB#0-PASS



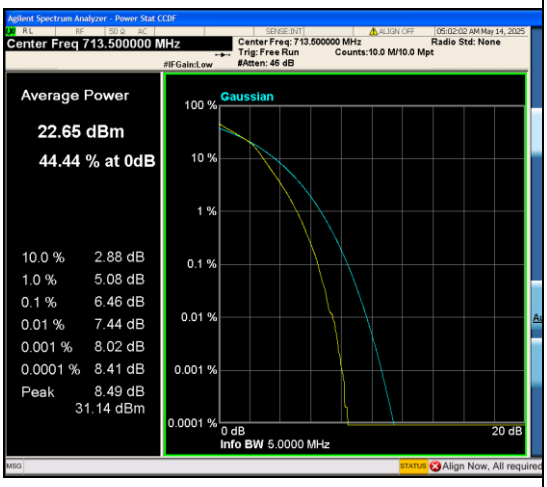
Band17-5MHz-QPSK-23825-25RB#0-PASS



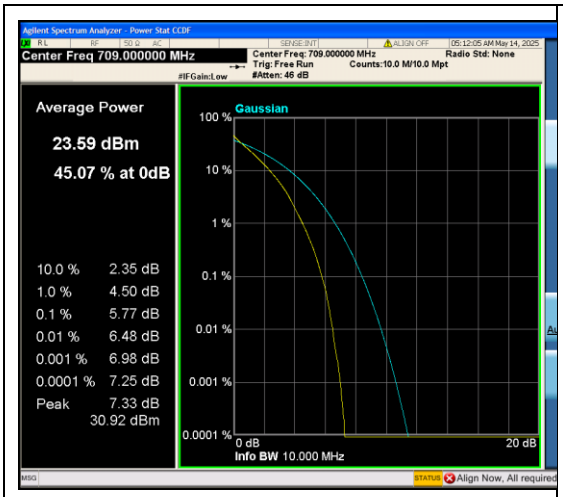
Band17-5MHz-16QAM-23755-25RB#0-PASS



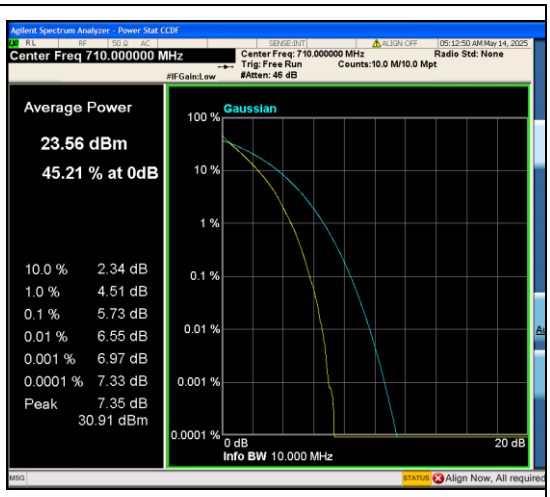
Band17-5MHz-16QAM-23790-25RB#0-PASS



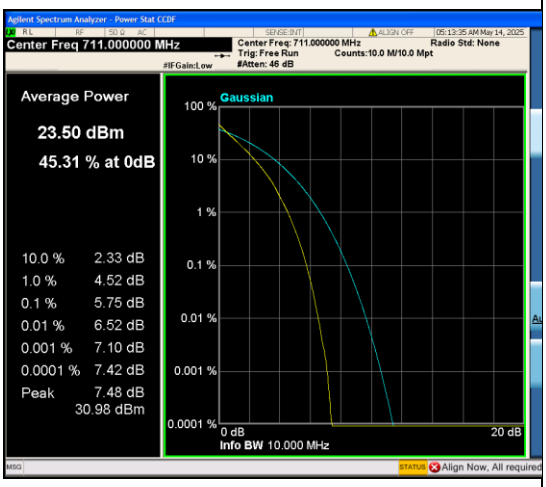
Band17-5MHz-16QAM-23825-25RB#0-PASS



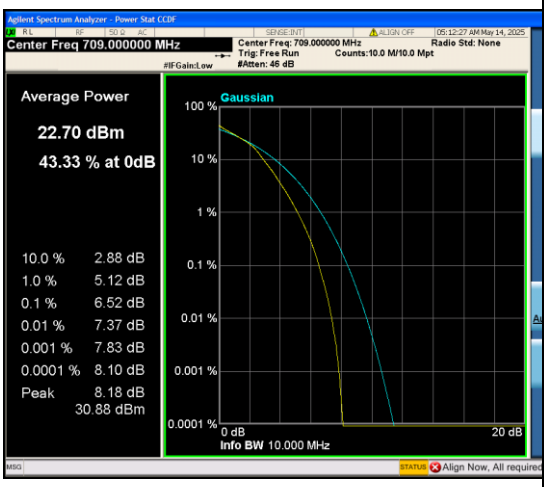
Band17-10MHz-QPSK-23780-50RB#0-PASS



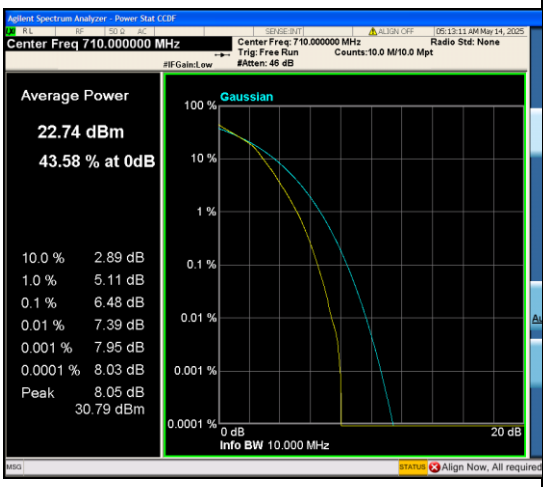
Band17-10MHz-QPSK-23790-50RB#0-PASS



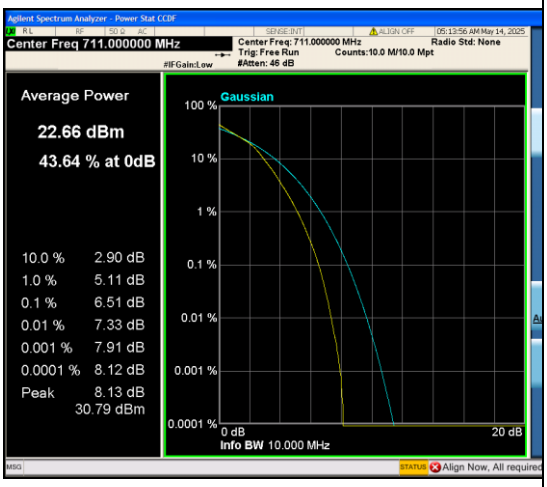
Band17-10MHz-QPSK-23800-50RB#0-PASS



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



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



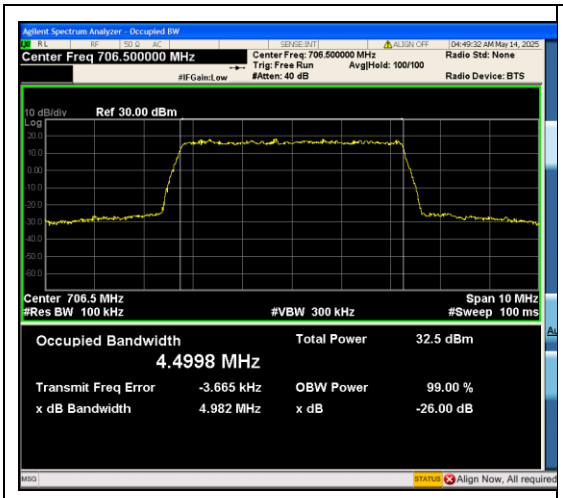
Band17-10MHz-16QAM-23800-50RB#0-PASS

Appendix C: 26dB Bandwidth and Occupied Bandwidth

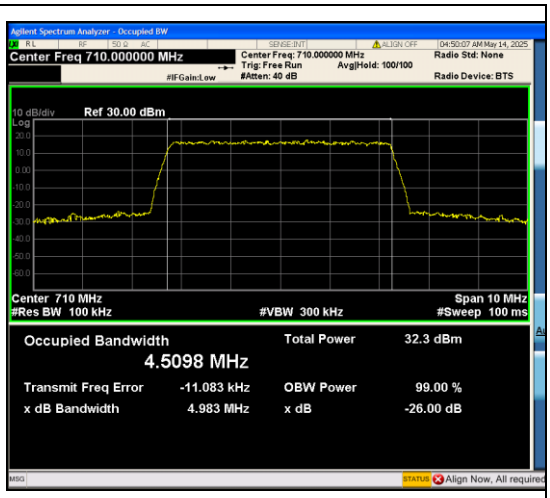
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.4998	4.982	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5098	4.983	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5026	4.976	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5105	4.970	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5327	4.994	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5023	4.953	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9898	9.895	PASS
Band17	10MHz	QPSK	23790	50RB#0	9.0025	9.927	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9669	9.849	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9865	9.897	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9975	9.933	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9804	9.919	PASS

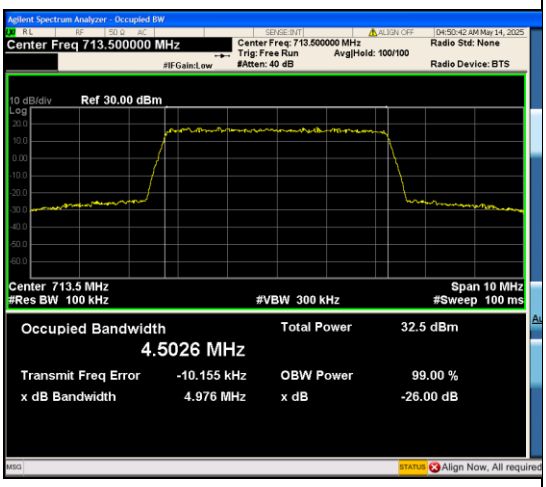
Test Graphs



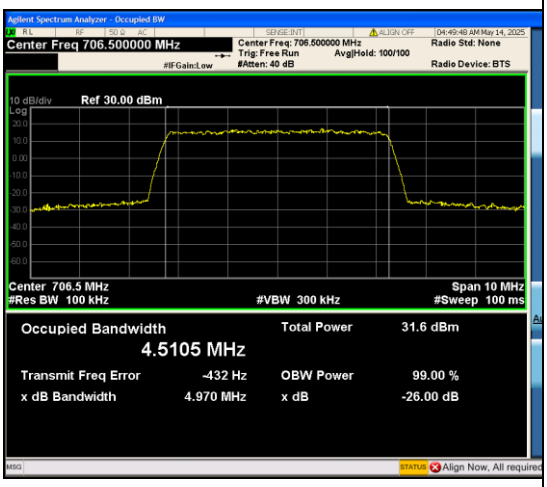
Band17-5MHz-QPSK-23755-25RB#0-PASS



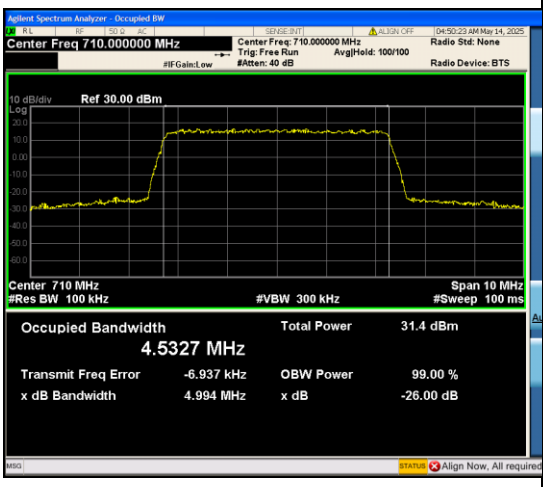
Band17-5MHz-QPSK-23790-25RB#0-PASS



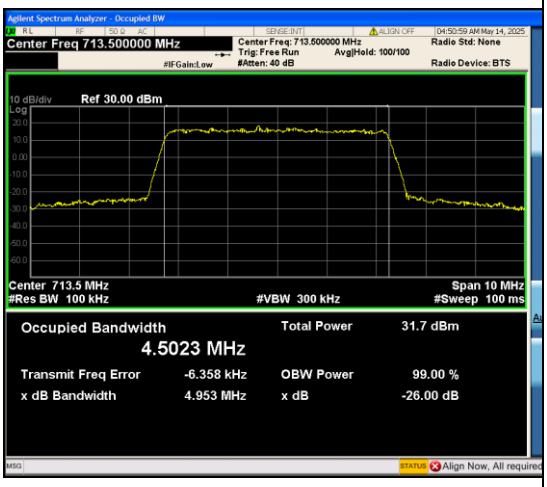
Band17-5MHz-QPSK-23825-25RB#0-PASS



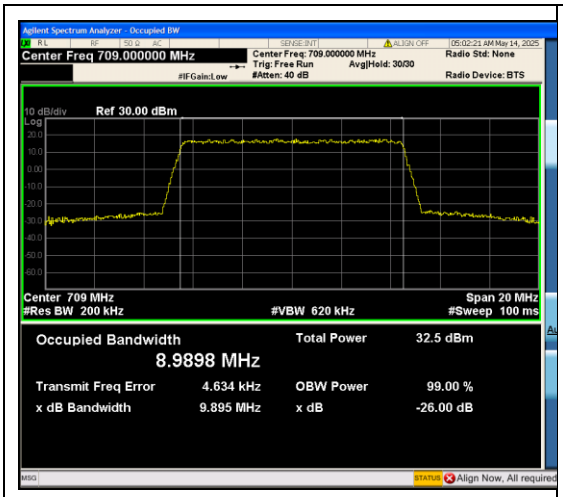
Band17-5MHz-16QAM-23755-25RB#0-PASS



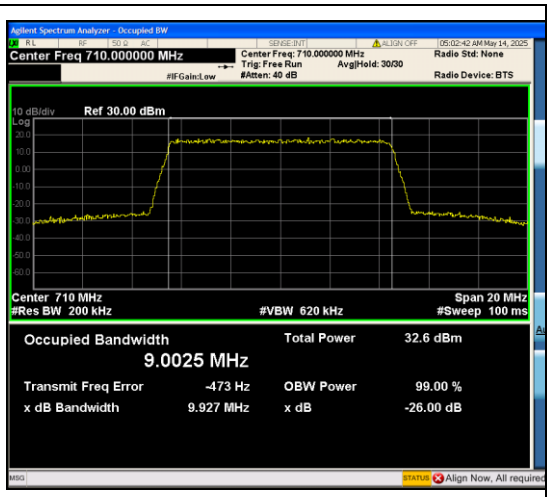
Band17-5MHz-16QAM-23790-25RB#0-PASS



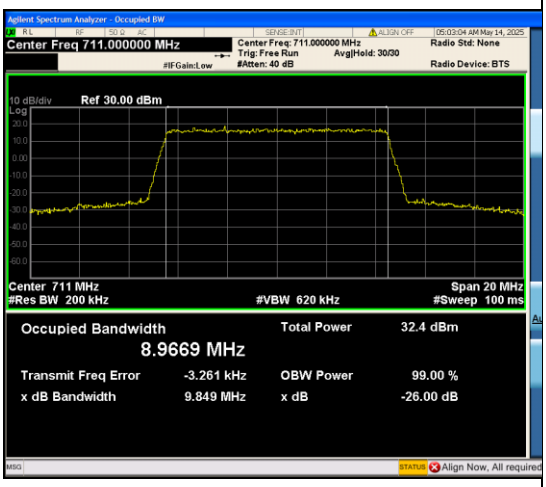
Band17-5MHz-16QAM-23825-25RB#0-PASS



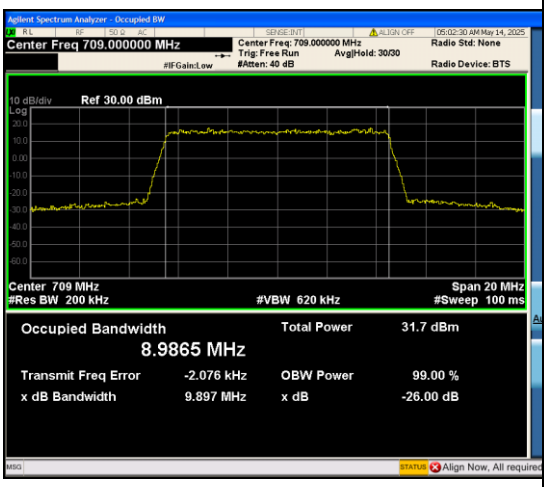
Band17-10MHz-QPSK-23780-50RB#0-PASS



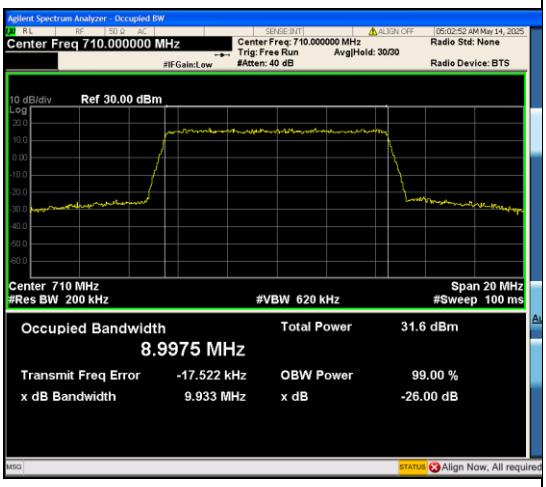
Band17-10MHz-QPSK-23790-50RB#0-PASS



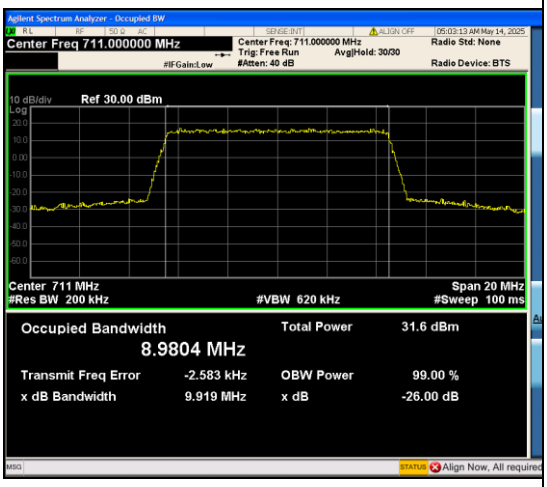
Band17-10MHz-QPSK-23800-50RB#0-PASS



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



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



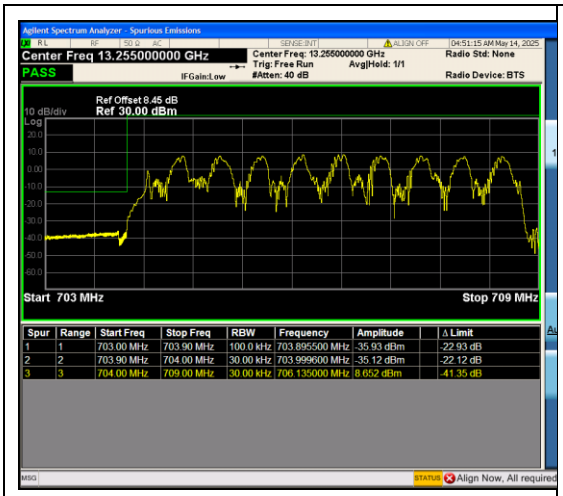
Band17-10MHz-16QAM-23800-50RB#0-PASS

Appendix D: Band Edge

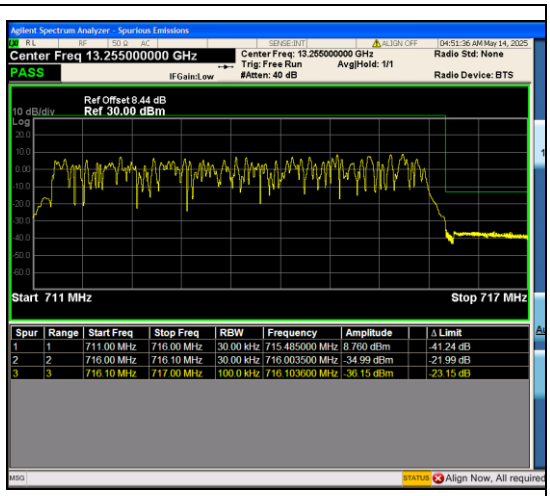
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	-35.12	PASS
Band17	5MHz	QPSK	23825	25RB#0	-34.99	PASS
Band17	5MHz	16QAM	23755	25RB#0	-36.01	PASS
Band17	5MHz	16QAM	23825	25RB#0	-36.32	PASS
Band17	10MHz	QPSK	23780	50RB#0	-39.17	PASS
Band17	10MHz	QPSK	23800	50RB#0	-38.44	PASS
Band17	10MHz	16QAM	23780	50RB#0	-39.50	PASS
Band17	10MHz	16QAM	23800	50RB#0	-39.02	PASS

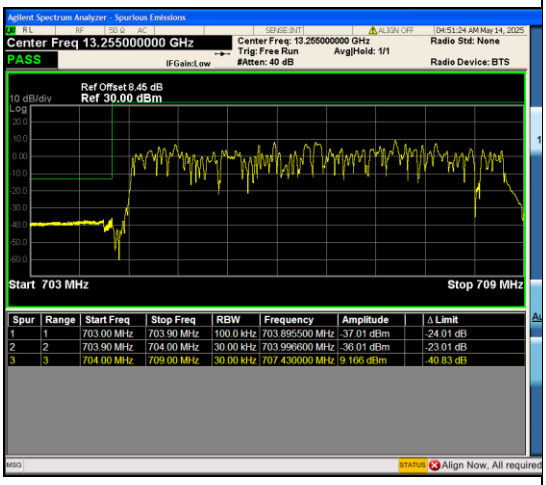
Test Graphs



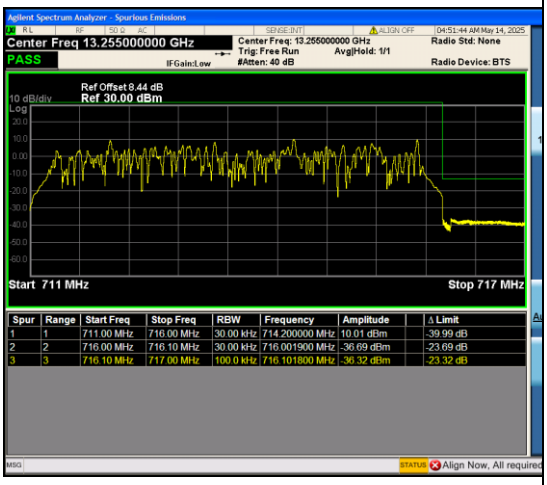
Band17_5MHz_QPSK_23755_25RB#0



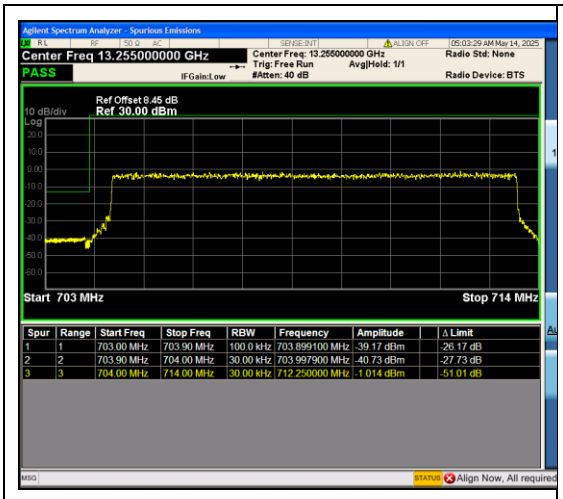
Band17_5MHz_QPSK_23825_25RB#0



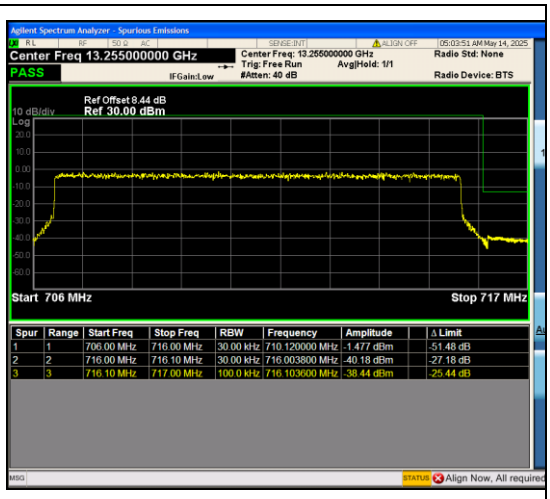
Band17_5MHz_16QAM_23755_25RB#0



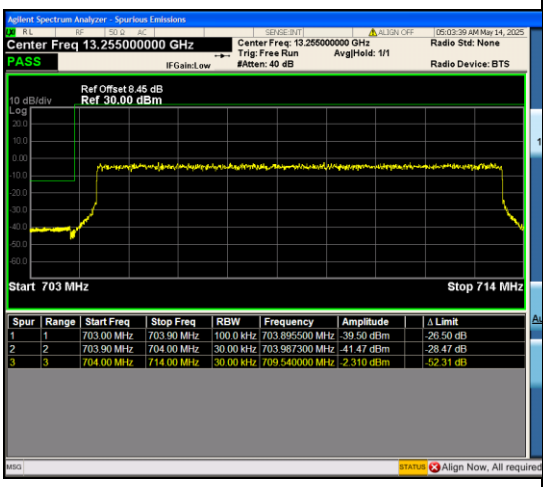
Band17_5MHz_16QAM_23825_25RB#0



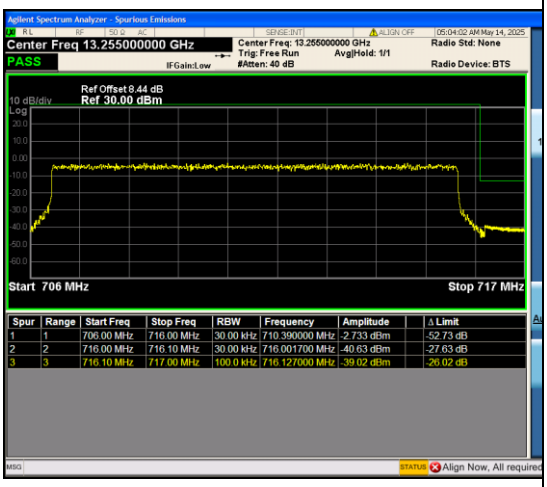
Band17_10MHz_QPSK_23780_50RB#0



Band17_10MHz_QPSK_23800_50RB#0



Band17_10MHz_16QAM_23780_50RB#0



Band17_10MHz_16QAM_23800_50RB#0

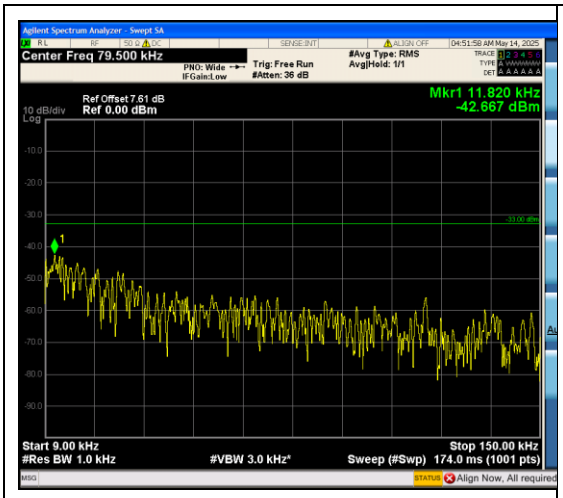
Appendix E: Conducted Spurious Emission

Test Result

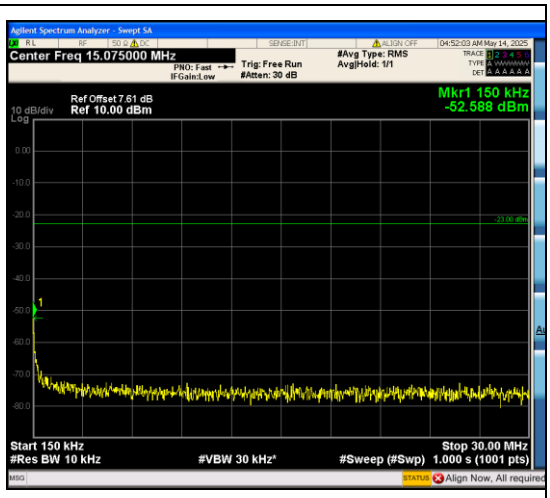
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	0.009~0.15	-42.67	PASS
Band17	5MHz	QPSK	23755	25RB#0	0.15~30	-52.59	PASS
Band17	5MHz	QPSK	23755	25RB#0	30~1000	-54.75	PASS
Band17	5MHz	QPSK	23755	25RB#0	1000~3000	-46.55	PASS
Band17	5MHz	QPSK	23755	25RB#0	3000~10000	-43.57	PASS
Band17	5MHz	QPSK	23790	25RB#0	0.009~0.15	-39.97	PASS
Band17	5MHz	QPSK	23790	25RB#0	0.15~30	-55.08	PASS
Band17	5MHz	QPSK	23790	25RB#0	30~1000	-53.89	PASS
Band17	5MHz	QPSK	23790	25RB#0	1000~3000	-46.63	PASS
Band17	5MHz	QPSK	23790	25RB#0	3000~10000	-43.70	PASS
Band17	5MHz	QPSK	23825	25RB#0	0.009~0.15	-40.57	PASS
Band17	5MHz	QPSK	23825	25RB#0	0.15~30	-51.41	PASS
Band17	5MHz	QPSK	23825	25RB#0	30~1000	-50.91	PASS
Band17	5MHz	QPSK	23825	25RB#0	1000~3000	-46.51	PASS
Band17	5MHz	QPSK	23825	25RB#0	3000~10000	-43.37	PASS
Band17	5MHz	16QAM	23755	25RB#0	0.009~0.15	-39.98	PASS
Band17	5MHz	16QAM	23755	25RB#0	0.15~30	-54.24	PASS
Band17	5MHz	16QAM	23755	25RB#0	30~1000	-56.69	PASS
Band17	5MHz	16QAM	23755	25RB#0	1000~3000	-46.04	PASS
Band17	5MHz	16QAM	23755	25RB#0	3000~10000	-43.25	PASS
Band17	5MHz	16QAM	23790	25RB#0	0.009~0.15	-40.81	PASS
Band17	5MHz	16QAM	23790	25RB#0	0.15~30	-53.45	PASS
Band17	5MHz	16QAM	23790	25RB#0	30~1000	-55.50	PASS
Band17	5MHz	16QAM	23790	25RB#0	1000~3000	-46.51	PASS
Band17	5MHz	16QAM	23790	25RB#0	3000~10000	-43.45	PASS
Band17	5MHz	16QAM	23825	25RB#0	0.009~0.15	-39.48	PASS
Band17	5MHz	16QAM	23825	25RB#0	0.15~30	-51.39	PASS
Band17	5MHz	16QAM	23825	25RB#0	30~1000	-52.68	PASS
Band17	5MHz	16QAM	23825	25RB#0	1000~3000	-46.44	PASS
Band17	5MHz	16QAM	23825	25RB#0	3000~10000	-43.14	PASS
Band17	10MHz	QPSK	23780	50RB#0	0.009~0.15	-39.22	PASS
Band17	10MHz	QPSK	23780	50RB#0	0.15~30	-55.04	PASS
Band17	10MHz	QPSK	23780	50RB#0	30~1000	-61.59	PASS
Band17	10MHz	QPSK	23780	50RB#0	1000~3000	-46.34	PASS
Band17	10MHz	QPSK	23780	50RB#0	3000~10000	-43.47	PASS
Band17	10MHz	QPSK	23790	50RB#0	0.009~0.15	-41.05	PASS

Band17	10MHz	QPSK	23790	50RB#0	0.15~30	-53.61	PASS
Band17	10MHz	QPSK	23790	50RB#0	30~1000	-61.20	PASS
Band17	10MHz	QPSK	23790	50RB#0	1000~3000	-46.68	PASS
Band17	10MHz	QPSK	23790	50RB#0	3000~10000	-43.95	PASS
Band17	10MHz	QPSK	23800	50RB#0	0.009~0.15	-42.28	PASS
Band17	10MHz	QPSK	23800	50RB#0	0.15~30	-51.69	PASS
Band17	10MHz	QPSK	23800	50RB#0	30~1000	-61.67	PASS
Band17	10MHz	QPSK	23800	50RB#0	1000~3000	-46.37	PASS
Band17	10MHz	QPSK	23800	50RB#0	3000~10000	-42.68	PASS
Band17	10MHz	16QAM	23780	50RB#0	0.009~0.15	-41.60	PASS
Band17	10MHz	16QAM	23780	50RB#0	0.15~30	-53.33	PASS
Band17	10MHz	16QAM	23780	50RB#0	30~1000	-61.50	PASS
Band17	10MHz	16QAM	23780	50RB#0	1000~3000	-46.40	PASS
Band17	10MHz	16QAM	23780	50RB#0	3000~10000	-43.48	PASS
Band17	10MHz	16QAM	23790	50RB#0	0.009~0.15	-41.54	PASS
Band17	10MHz	16QAM	23790	50RB#0	0.15~30	-53.74	PASS
Band17	10MHz	16QAM	23790	50RB#0	30~1000	-61.38	PASS
Band17	10MHz	16QAM	23790	50RB#0	1000~3000	-46.13	PASS
Band17	10MHz	16QAM	23790	50RB#0	3000~10000	-43.66	PASS
Band17	10MHz	16QAM	23800	50RB#0	0.009~0.15	-41.89	PASS
Band17	10MHz	16QAM	23800	50RB#0	0.15~30	-53.76	PASS
Band17	10MHz	16QAM	23800	50RB#0	30~1000	-61.62	PASS
Band17	10MHz	16QAM	23800	50RB#0	1000~3000	-46.71	PASS
Band17	10MHz	16QAM	23800	50RB#0	3000~10000	-43.49	PASS

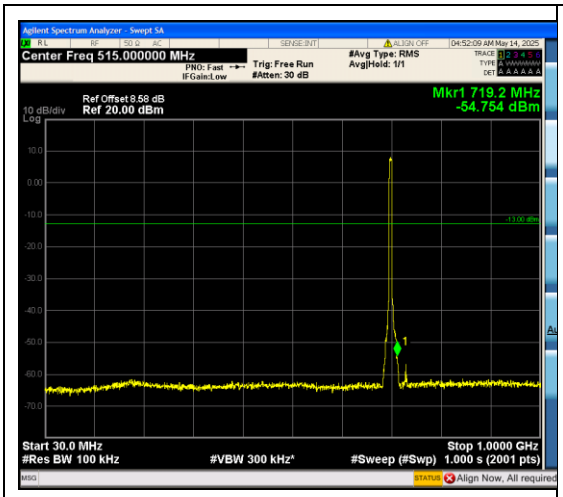
Test Graphs



Band17_5MHz_QPSK_23755_25RB#0_0.009~0.15_0.009~0.15



Band17_5MHz_QPSK_23755_25RB#0_0.15~30_0.15~30



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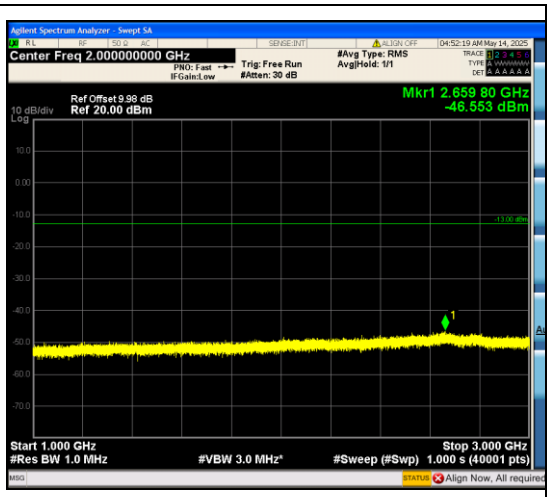

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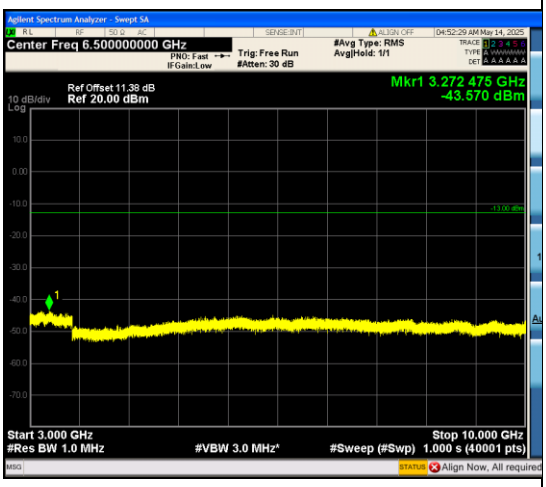

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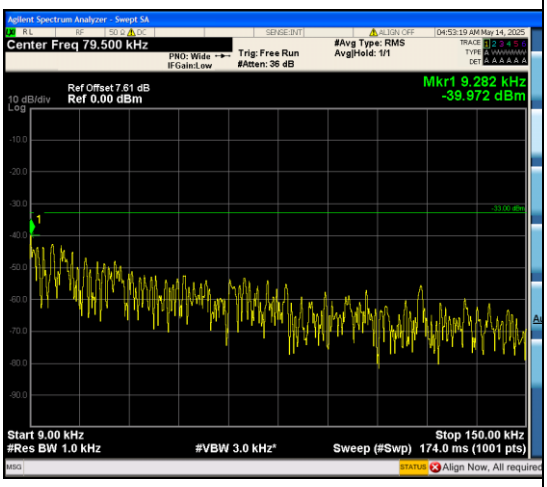

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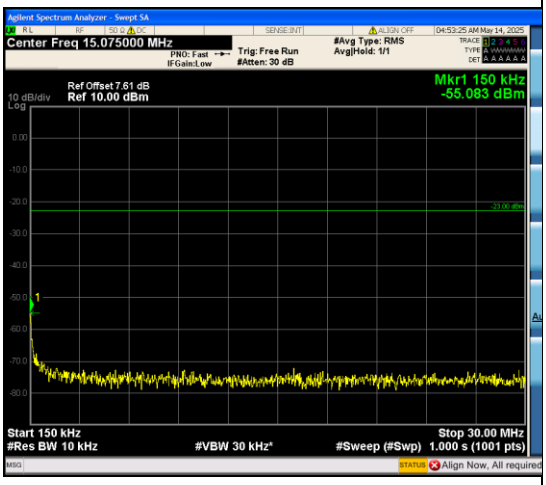

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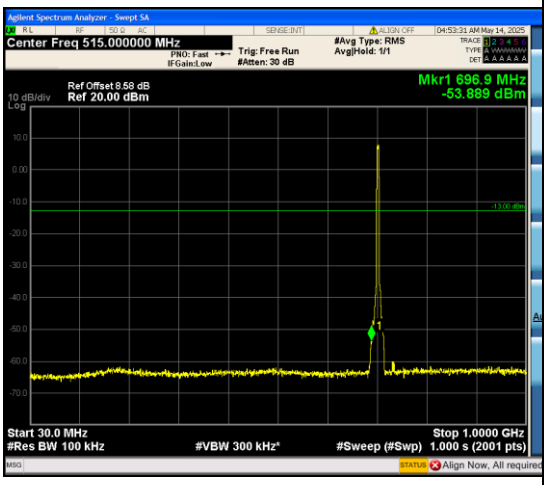

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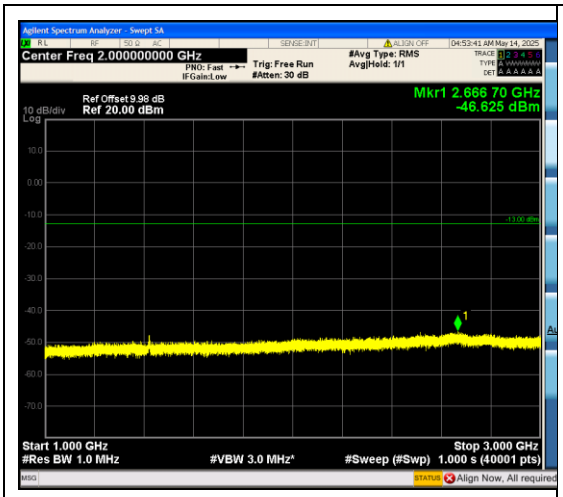

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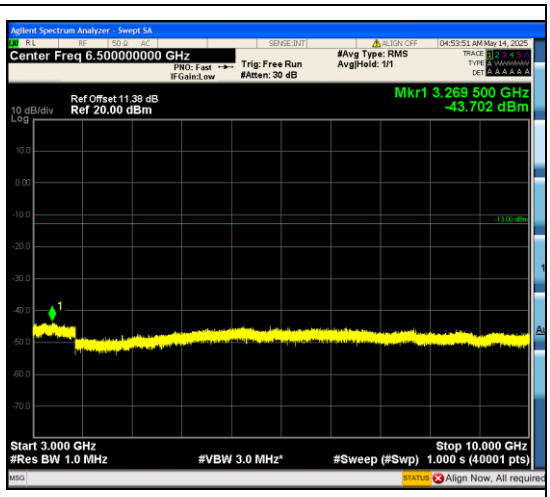

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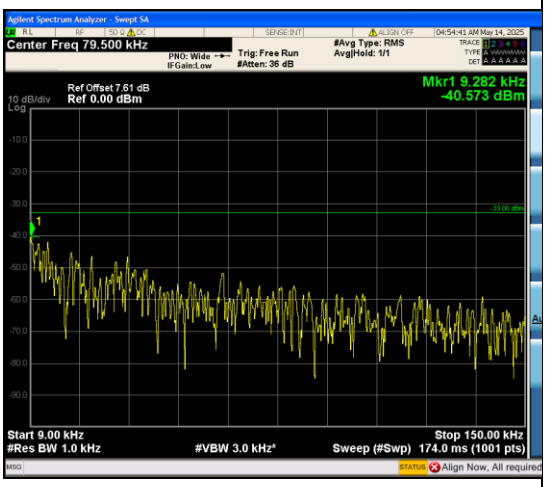

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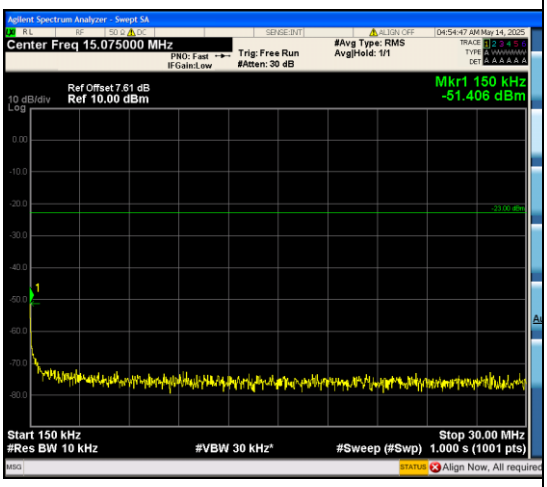

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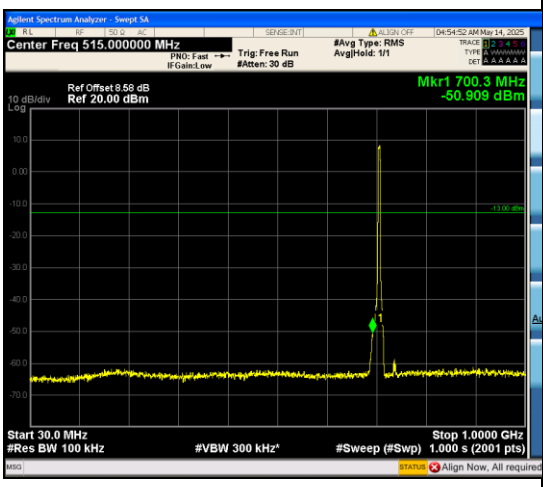

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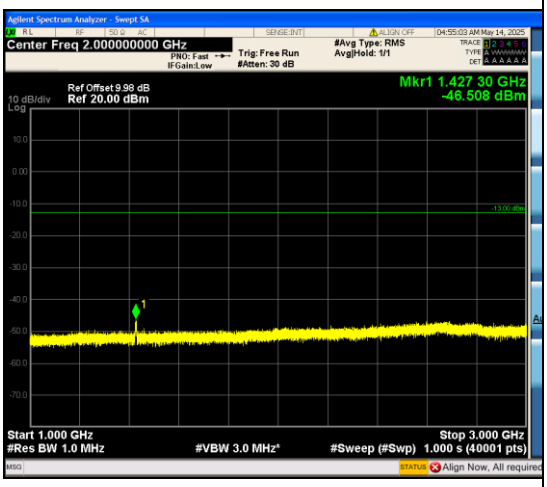
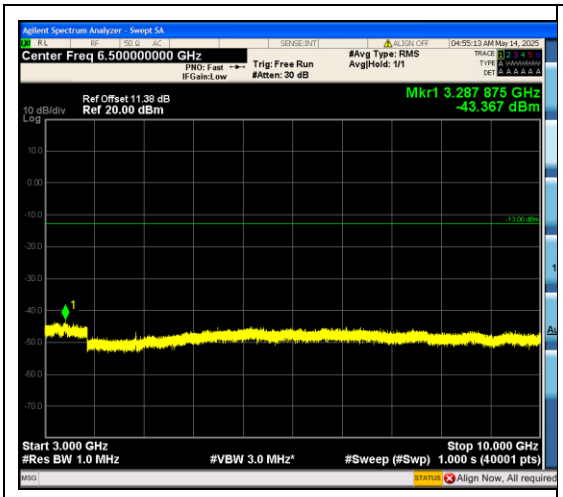


Band17_5MHz_QPSK_23825_25RB#0_1000~3000_1000~3000



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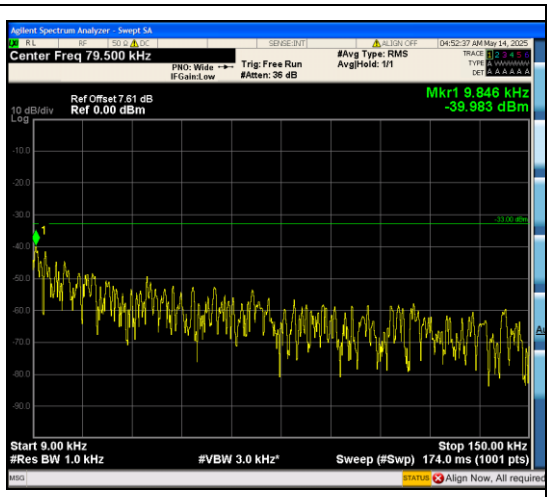

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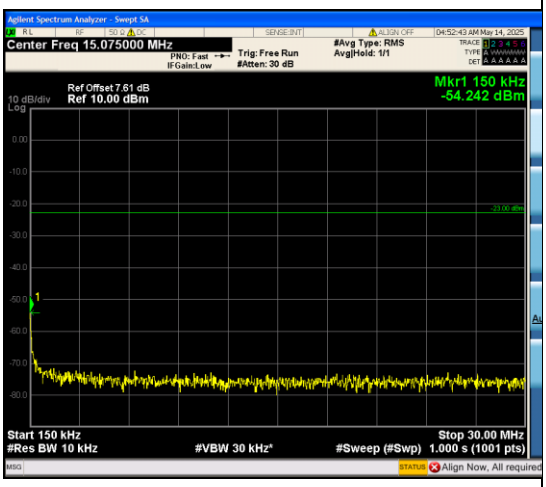

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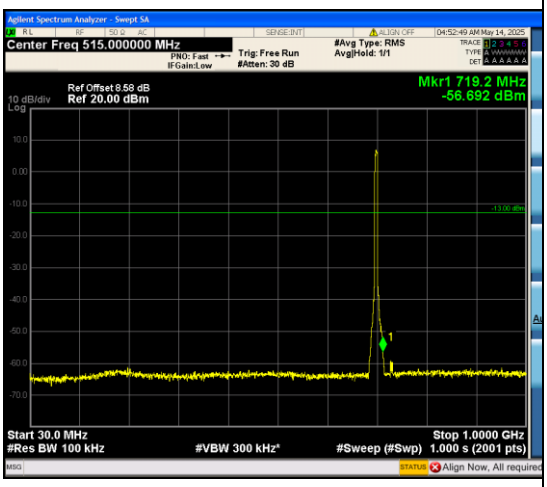

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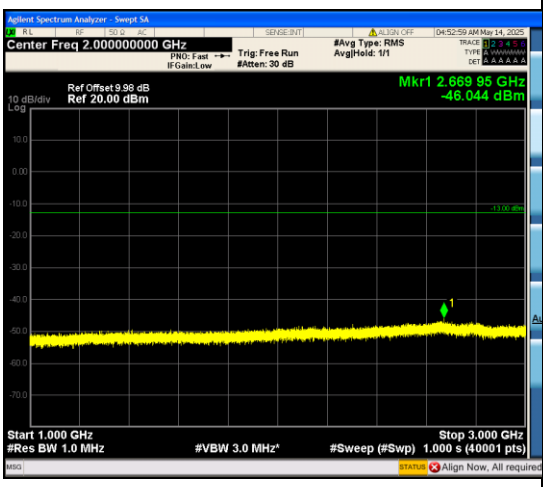

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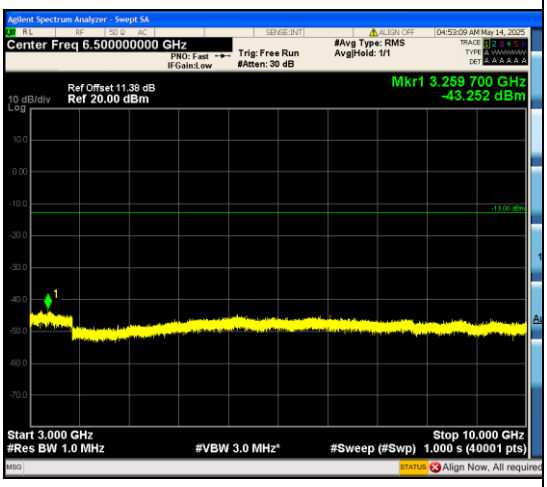

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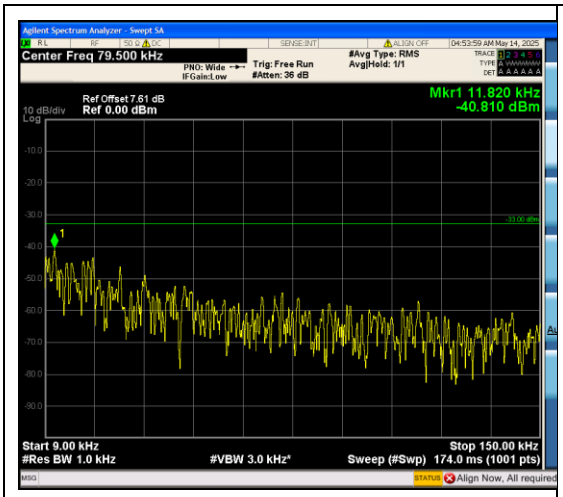

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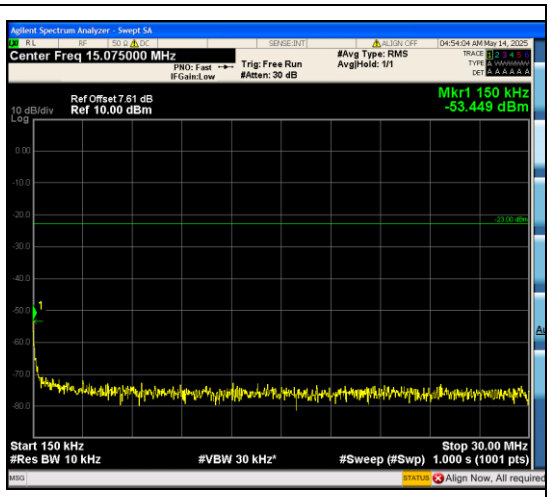

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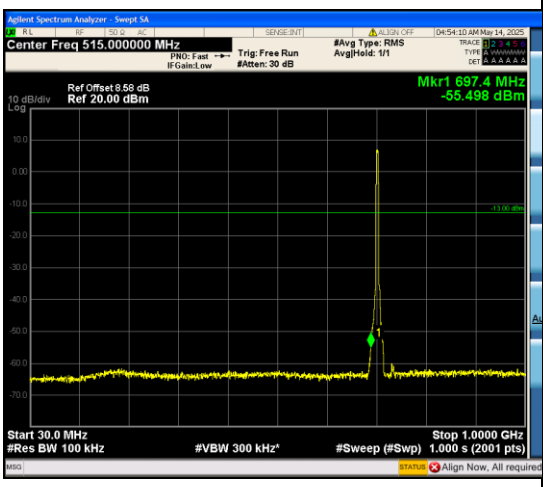

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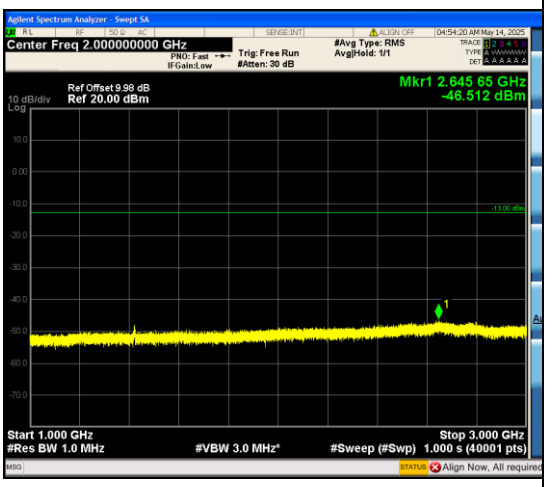

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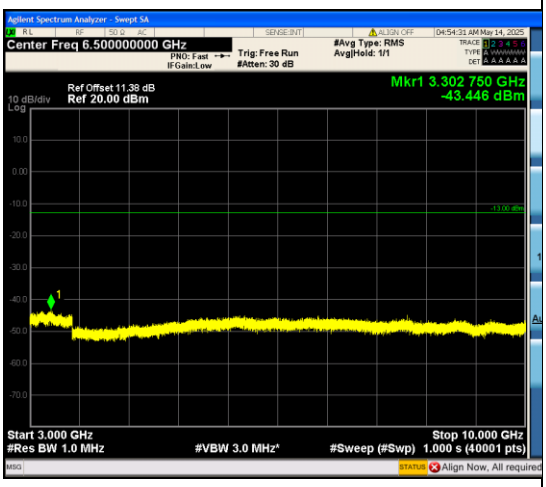

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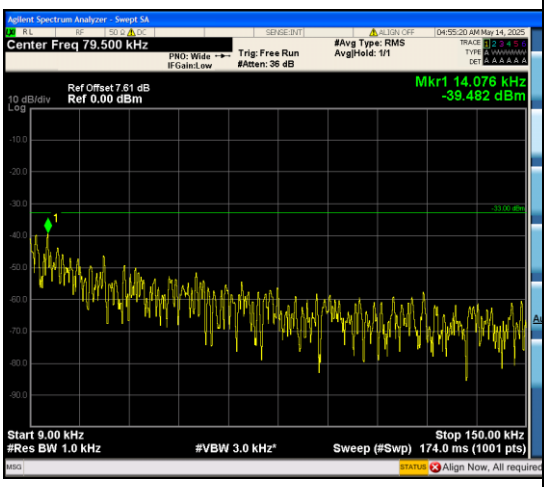

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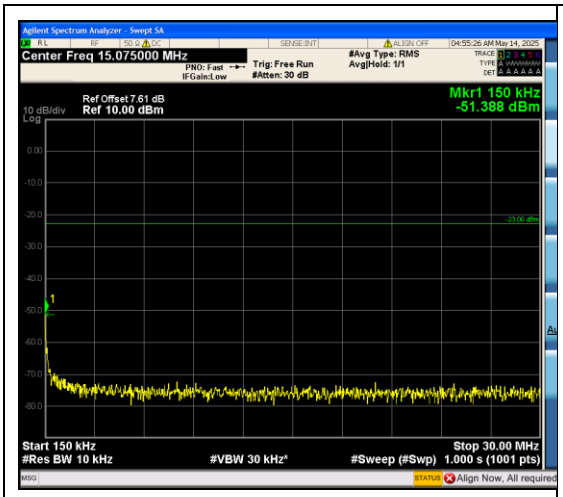

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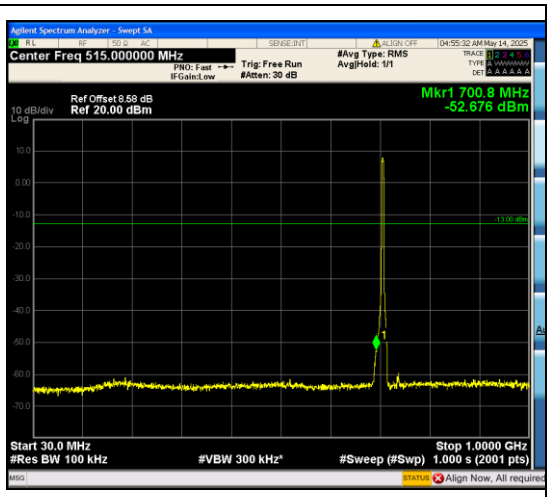
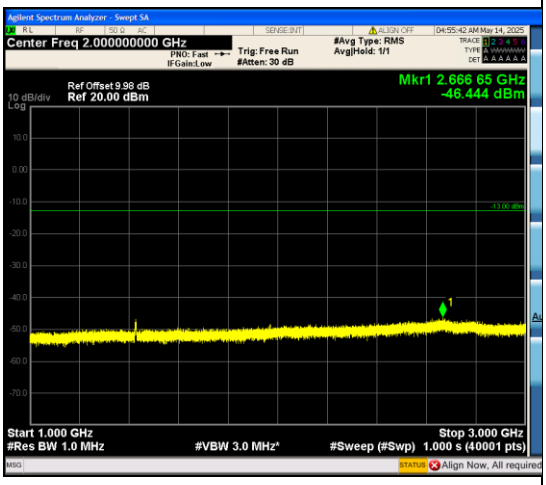


Band17_5MHz_16QAM_23825_25RB#0_30~1000_30~1000



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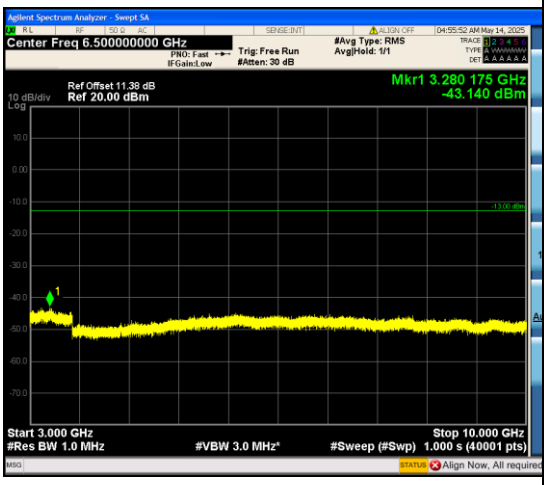

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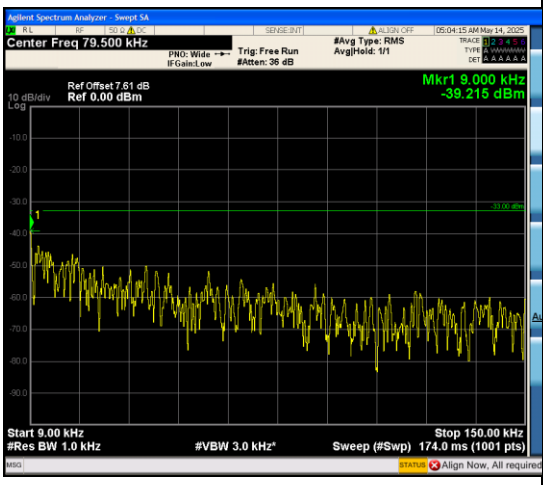

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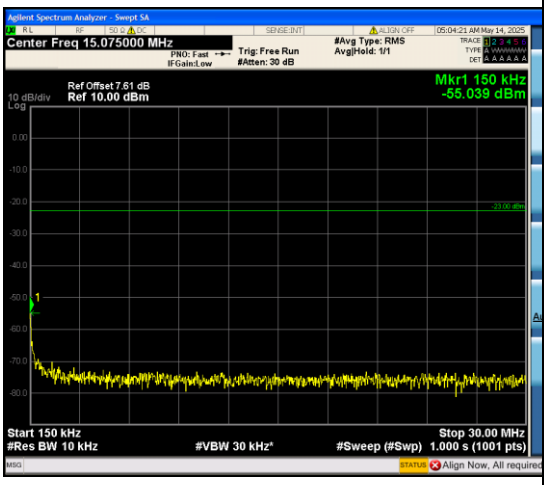

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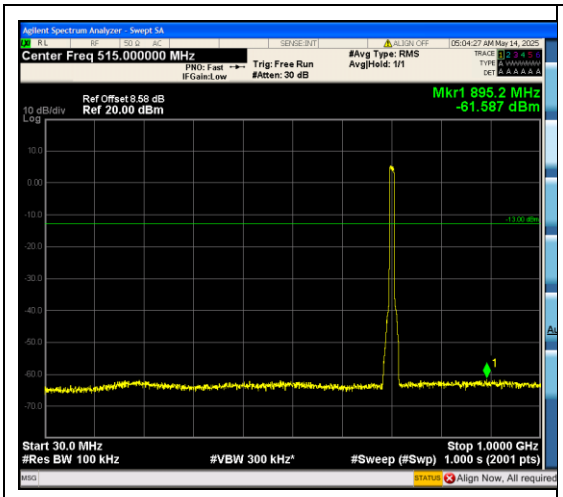

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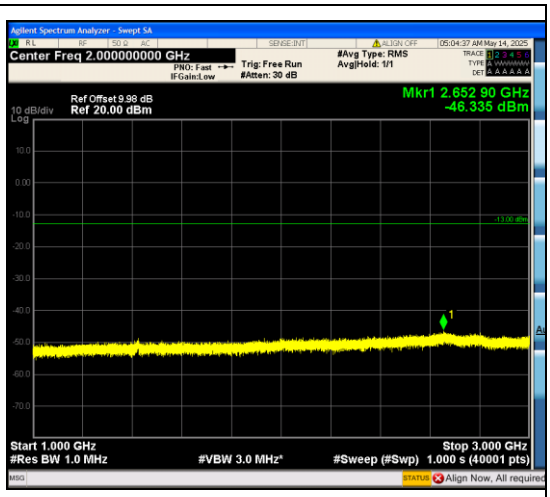

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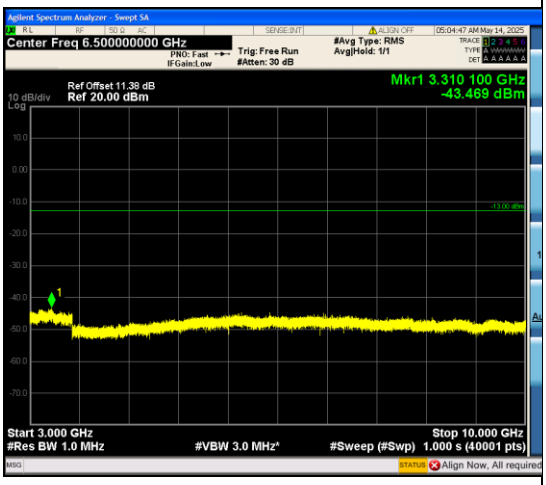

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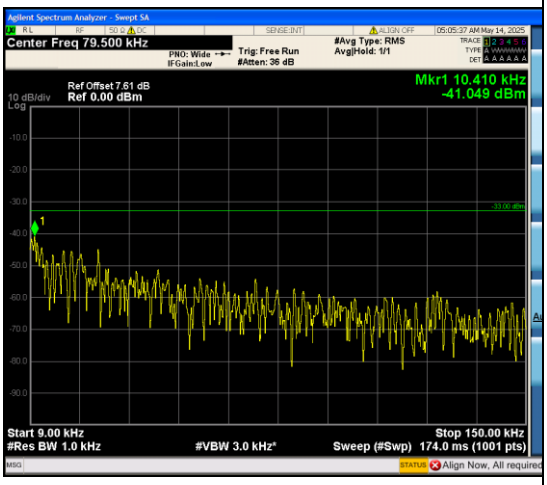

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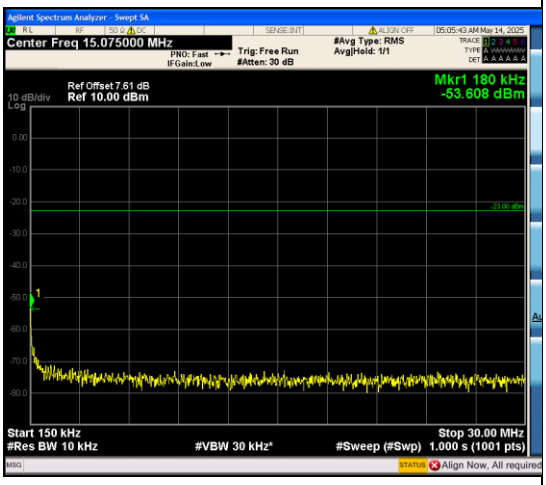

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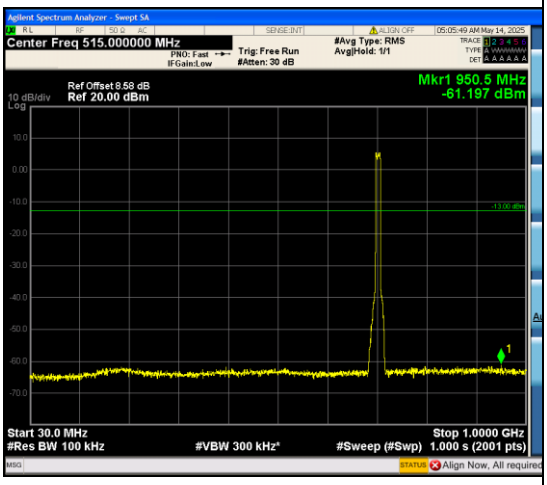

Band17_10MHz_QPSK_23790_50RB#0_30~1000_30~1000