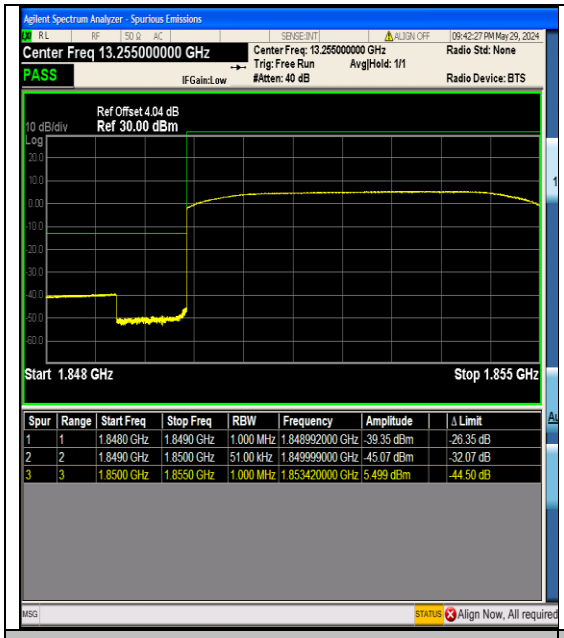
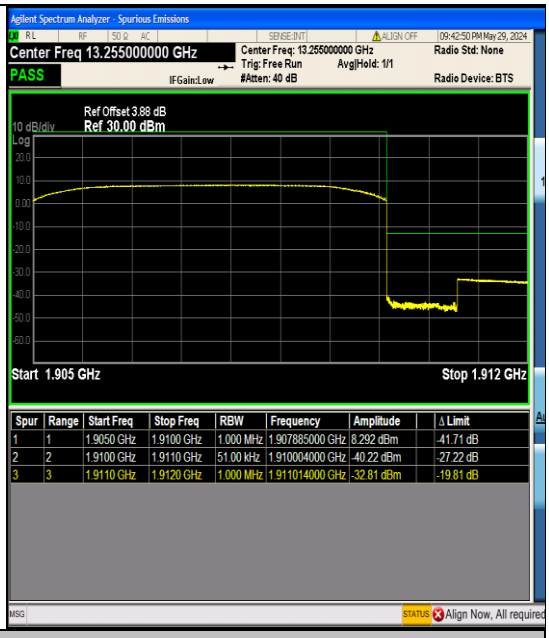
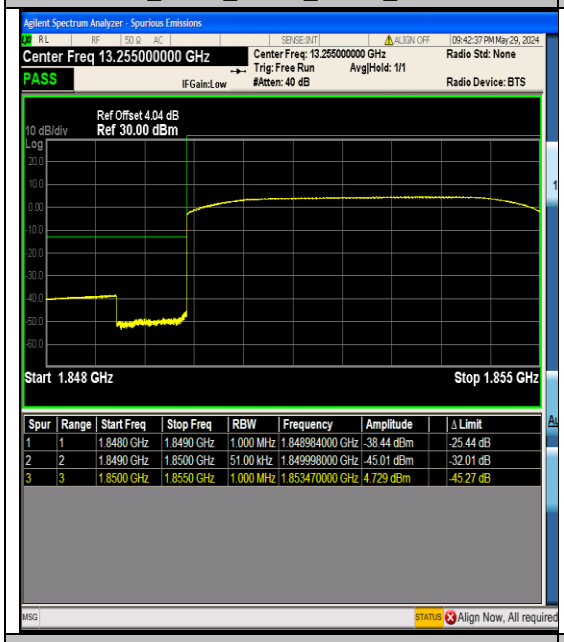


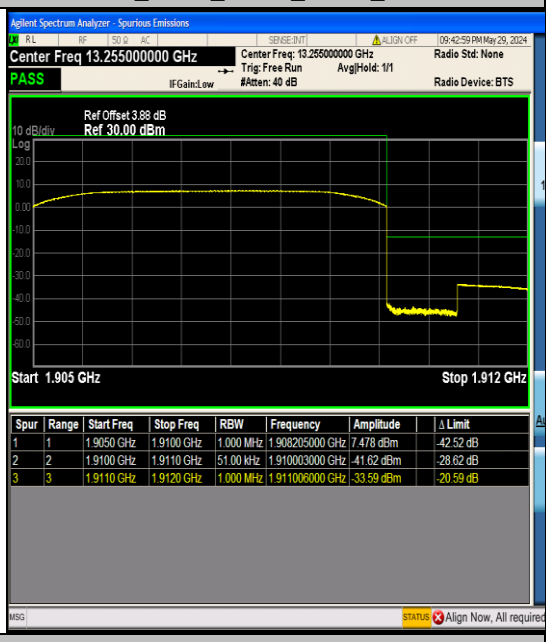
Band2_5MHz_QPSK_18625_25RB#0



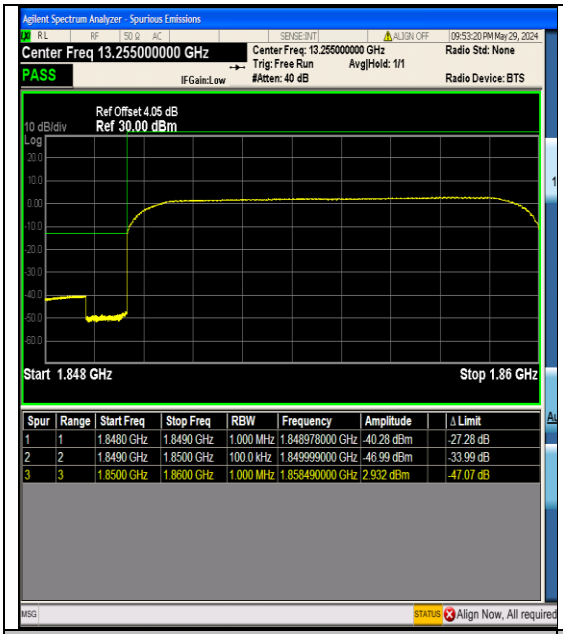
Band2_5MHz_QPSK_19175_25RB#0



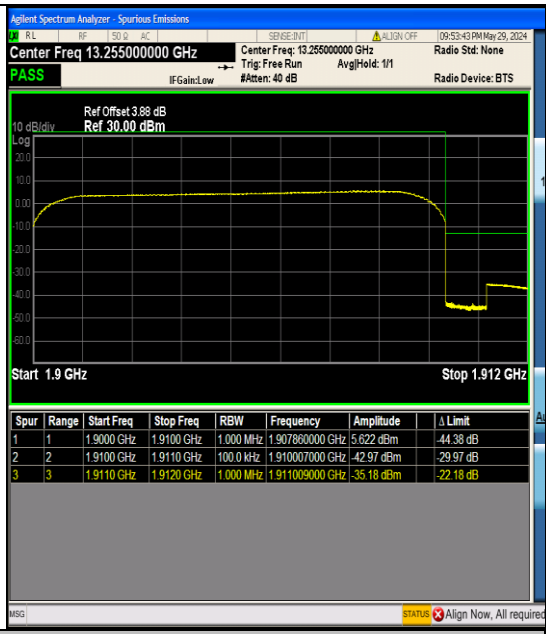
Band2_5MHz_16QAM_18625_25RB#0



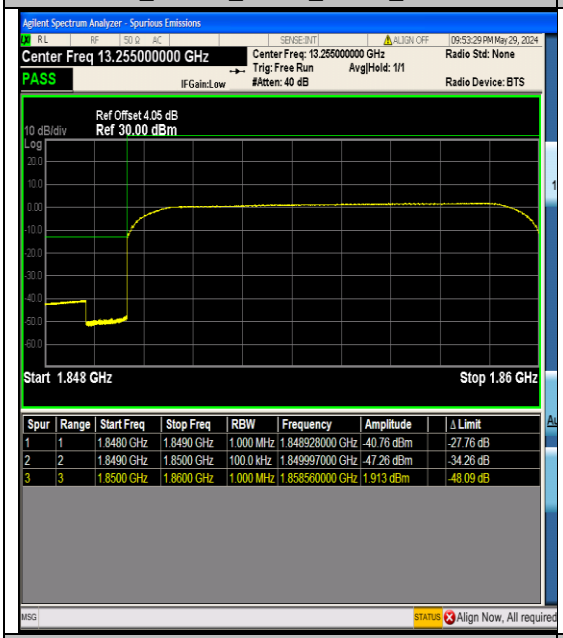
Band2_5MHz_16QAM_19175_25RB#0



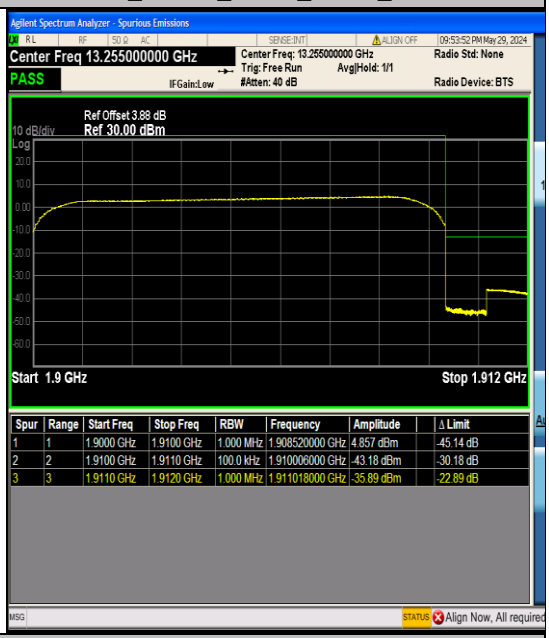
Band2_10MHz_QPSK_18650_50RB#0



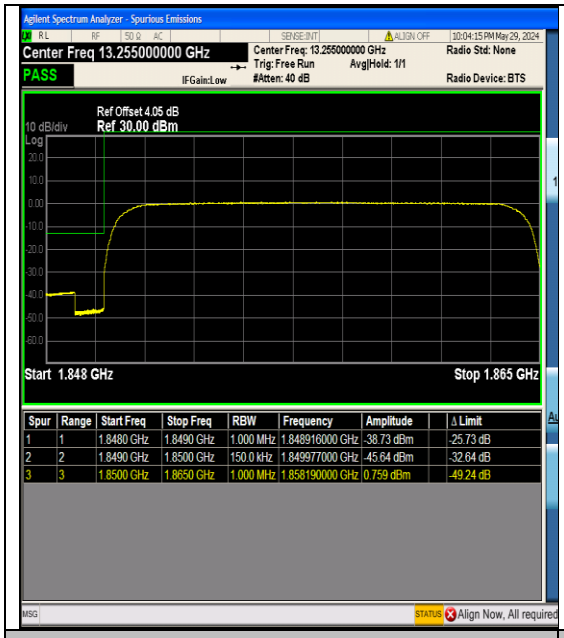
Band2_10MHz_QPSK_19150_50RB#0



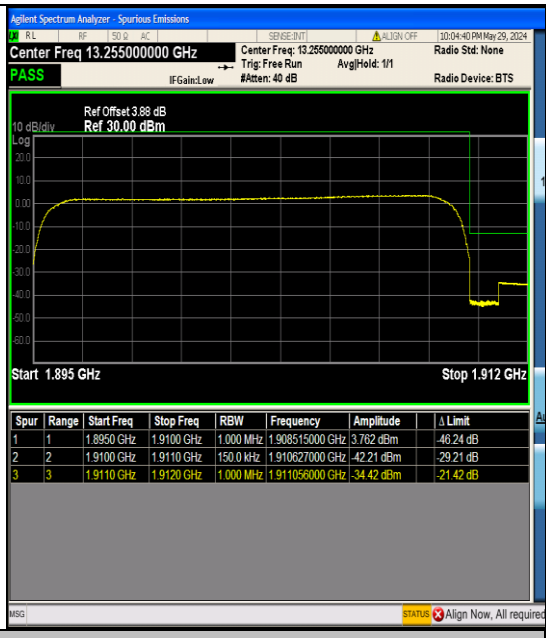
Band2_10MHz_16QAM_18650_50RB#0



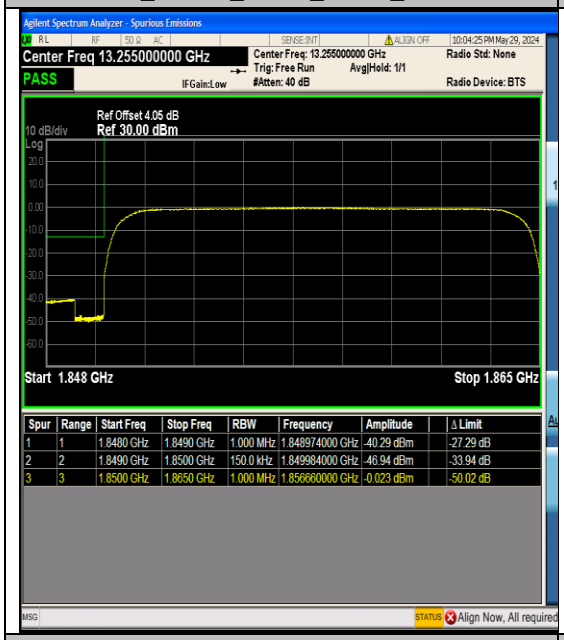
Band2_10MHz_16QAM_19150_50RB#0



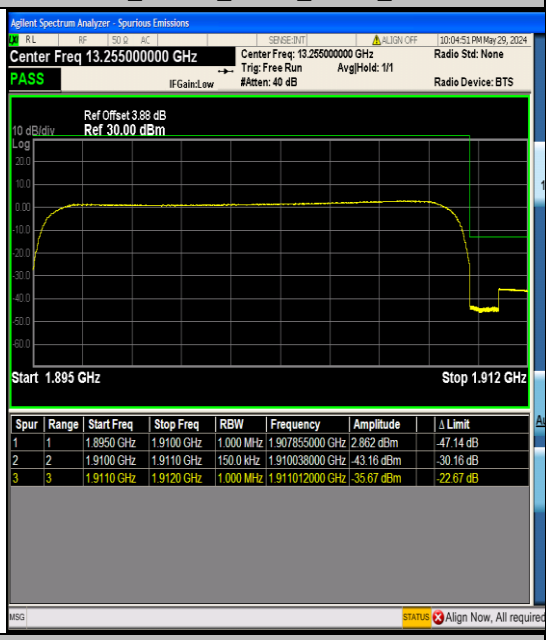
Band2_15MHz_QPSK_18675_75RB#0



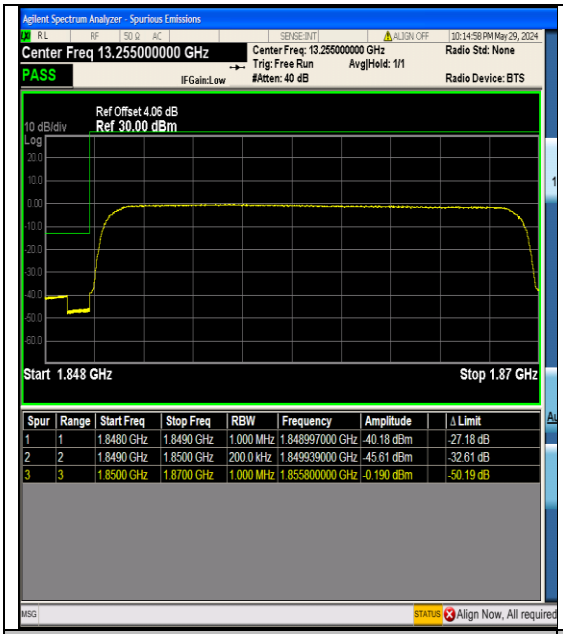
Band2_15MHz_QPSK_19125_75RB#0



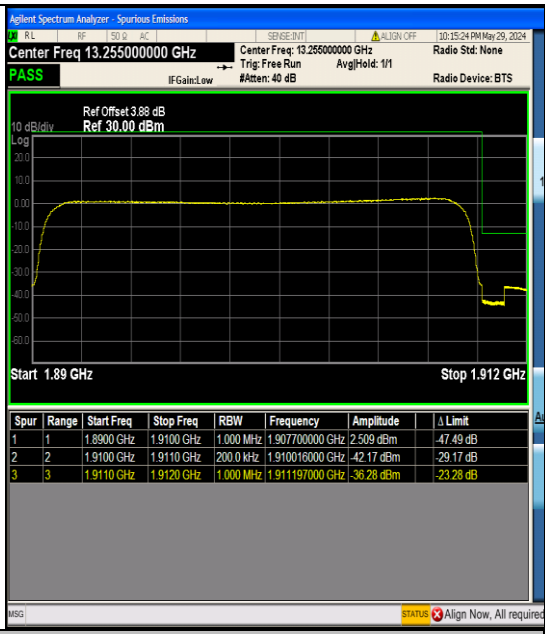
Band2_15MHz_16QAM_18675_75RB#0



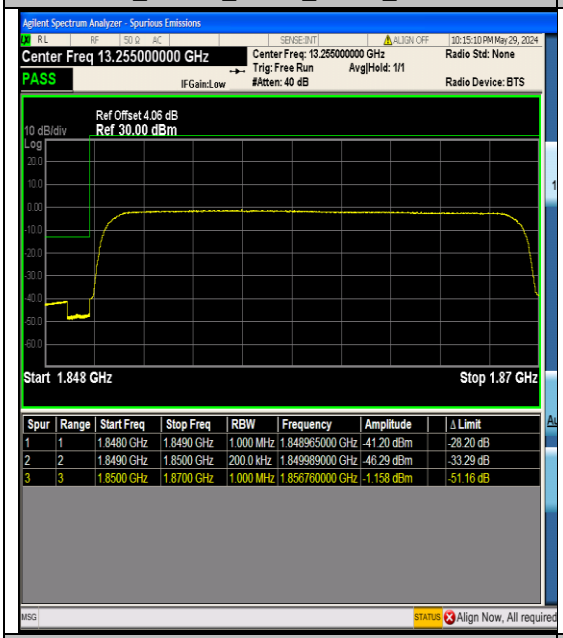
Band2_15MHz_16QAM_19125_75RB#0



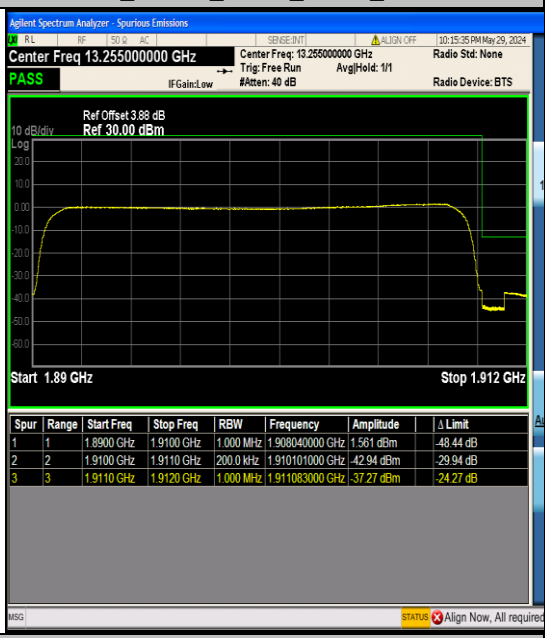
Band2_20MHz_QPSK_18700_100RB#0



Band2_20MHz_QPSK_19100_100RB#0



Band2_20MHz_16QAM_18700_100RB#0



Band2_20MHz_16QAM_19100_100RB#0

Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	0.009~0.15	-47.77	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	0.15~30	-59.23	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	30~1000	-66.82	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	1000~3000	-43.65	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	3000~20000	-45.97	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	0.009~0.15	-47.87	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	0.15~30	-60.83	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	30~1000	-67.03	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1000~3000	-42.55	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	3000~20000	-46.29	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	0.009~0.15	-46.70	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	0.15~30	-57.83	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	30~1000	-66.61	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1000~3000	-42.25	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	3000~20000	-46.13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	0.009~0.15	-45.42	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	0.15~30	-57.19	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	30~1000	-66.65	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1000~3000	-42.98	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	3000~20000	-46.37	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	0.009~0.15	-48.77	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	0.15~30	-57.54	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	30~1000	-67.02	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1000~3000	-44.36	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	3000~20000	-46.40	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	0.009~0.15	-43.46	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	0.15~30	-56.95	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	30~1000	-66.03	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1000~3000	-42.83	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	3000~20000	-46.21	PASS
Band2	3MHz	QPSK	18615	15RB#0	0.009~0.15	-46.11	PASS
Band2	3MHz	QPSK	18615	15RB#0	0.15~30	-59.19	PASS
Band2	3MHz	QPSK	18615	15RB#0	30~1000	-66.69	PASS
Band2	3MHz	QPSK	18615	15RB#0	1000~3000	-45.77	PASS
Band2	3MHz	QPSK	18615	15RB#0	3000~20000	-45.61	PASS
Band2	3MHz	QPSK	18900	15RB#0	0.009~0.15	-48.19	PASS

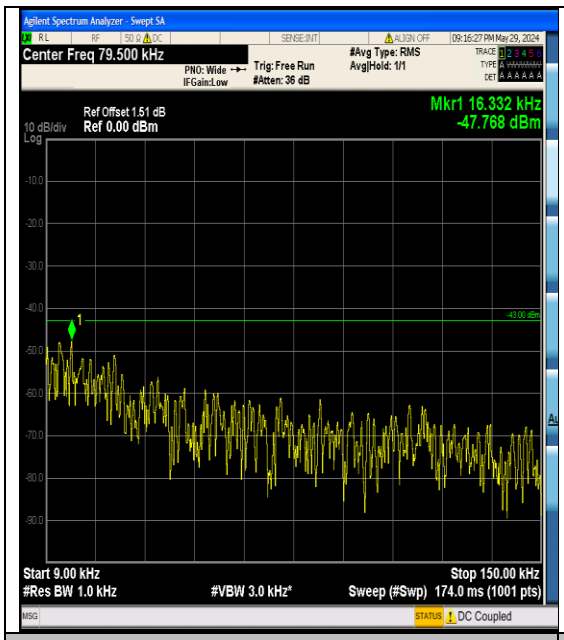
Band2	3MHz	QPSK	18900	15RB#0	0.15~30	-57.13	PASS
Band2	3MHz	QPSK	18900	15RB#0	30~1000	-66.62	PASS
Band2	3MHz	QPSK	18900	15RB#0	1000~3000	-47.19	PASS
Band2	3MHz	QPSK	18900	15RB#0	3000~20000	-46.17	PASS
Band2	3MHz	QPSK	19185	15RB#0	0.009~0.15	-49.01	PASS
Band2	3MHz	QPSK	19185	15RB#0	0.15~30	-58.95	PASS
Band2	3MHz	QPSK	19185	15RB#0	30~1000	-66.70	PASS
Band2	3MHz	QPSK	19185	15RB#0	1000~3000	-48.07	PASS
Band2	3MHz	QPSK	19185	15RB#0	3000~20000	-46.38	PASS
Band2	3MHz	16QAM	18615	15RB#0	0.009~0.15	-47.05	PASS
Band2	3MHz	16QAM	18615	15RB#0	0.15~30	-57.35	PASS
Band2	3MHz	16QAM	18615	15RB#0	30~1000	-66.79	PASS
Band2	3MHz	16QAM	18615	15RB#0	1000~3000	-48.15	PASS
Band2	3MHz	16QAM	18615	15RB#0	3000~20000	-46.13	PASS
Band2	3MHz	16QAM	18900	15RB#0	0.009~0.15	-47.02	PASS
Band2	3MHz	16QAM	18900	15RB#0	0.15~30	-58.20	PASS
Band2	3MHz	16QAM	18900	15RB#0	30~1000	-66.58	PASS
Band2	3MHz	16QAM	18900	15RB#0	1000~3000	-47.39	PASS
Band2	3MHz	16QAM	18900	15RB#0	3000~20000	-45.95	PASS
Band2	3MHz	16QAM	19185	15RB#0	0.009~0.15	-49.92	PASS
Band2	3MHz	16QAM	19185	15RB#0	0.15~30	-59.98	PASS
Band2	3MHz	16QAM	19185	15RB#0	30~1000	-66.79	PASS
Band2	3MHz	16QAM	19185	15RB#0	1000~3000	-47.54	PASS
Band2	3MHz	16QAM	19185	15RB#0	3000~20000	-46.46	PASS
Band2	5MHz	QPSK	18625	25RB#0	0.009~0.15	-47.62	PASS
Band2	5MHz	QPSK	18625	25RB#0	0.15~30	-57.73	PASS
Band2	5MHz	QPSK	18625	25RB#0	30~1000	-66.80	PASS
Band2	5MHz	QPSK	18625	25RB#0	1000~3000	-49.59	PASS
Band2	5MHz	QPSK	18625	25RB#0	3000~20000	-46.29	PASS
Band2	5MHz	QPSK	18900	25RB#0	0.009~0.15	-45.81	PASS
Band2	5MHz	QPSK	18900	25RB#0	0.15~30	-57.66	PASS
Band2	5MHz	QPSK	18900	25RB#0	30~1000	-66.51	PASS
Band2	5MHz	QPSK	18900	25RB#0	1000~3000	-47.86	PASS
Band2	5MHz	QPSK	18900	25RB#0	3000~20000	-46.14	PASS
Band2	5MHz	QPSK	19175	25RB#0	0.009~0.15	-45.60	PASS
Band2	5MHz	QPSK	19175	25RB#0	0.15~30	-57.34	PASS
Band2	5MHz	QPSK	19175	25RB#0	30~1000	-66.80	PASS
Band2	5MHz	QPSK	19175	25RB#0	1000~3000	-48.24	PASS
Band2	5MHz	QPSK	19175	25RB#0	3000~20000	-46.37	PASS
Band2	5MHz	16QAM	18625	25RB#0	0.009~0.15	-47.24	PASS
Band2	5MHz	16QAM	18625	25RB#0	0.15~30	-57.93	PASS
Band2	5MHz	16QAM	18625	25RB#0	30~1000	-66.82	PASS
Band2	5MHz	16QAM	18625	25RB#0	1000~3000	-50.25	PASS

Band2	5MHz	16QAM	18625	25RB#0	3000~20000	-46.22	PASS
Band2	5MHz	16QAM	18900	25RB#0	0.009~0.15	-46.17	PASS
Band2	5MHz	16QAM	18900	25RB#0	0.15~30	-58.13	PASS
Band2	5MHz	16QAM	18900	25RB#0	30~1000	-66.66	PASS
Band2	5MHz	16QAM	18900	25RB#0	1000~3000	-48.12	PASS
Band2	5MHz	16QAM	18900	25RB#0	3000~20000	-46.24	PASS
Band2	5MHz	16QAM	19175	25RB#0	0.009~0.15	-48.19	PASS
Band2	5MHz	16QAM	19175	25RB#0	0.15~30	-57.39	PASS
Band2	5MHz	16QAM	19175	25RB#0	30~1000	-66.42	PASS
Band2	5MHz	16QAM	19175	25RB#0	1000~3000	-49.48	PASS
Band2	5MHz	16QAM	19175	25RB#0	3000~20000	-46.39	PASS
Band2	10MHz	QPSK	18650	50RB#0	0.009~0.15	-47.46	PASS
Band2	10MHz	QPSK	18650	50RB#0	0.15~30	-58.72	PASS
Band2	10MHz	QPSK	18650	50RB#0	30~1000	-66.59	PASS
Band2	10MHz	QPSK	18650	50RB#0	1000~3000	-52.12	PASS
Band2	10MHz	QPSK	18650	50RB#0	3000~20000	-45.98	PASS
Band2	10MHz	QPSK	18900	50RB#0	0.009~0.15	-45.35	PASS
Band2	10MHz	QPSK	18900	50RB#0	0.15~30	-58.39	PASS
Band2	10MHz	QPSK	18900	50RB#0	30~1000	-66.90	PASS
Band2	10MHz	QPSK	18900	50RB#0	1000~3000	-49.03	PASS
Band2	10MHz	QPSK	18900	50RB#0	3000~20000	-46.25	PASS
Band2	10MHz	QPSK	19150	50RB#0	0.009~0.15	-47.49	PASS
Band2	10MHz	QPSK	19150	50RB#0	0.15~30	-58.10	PASS
Band2	10MHz	QPSK	19150	50RB#0	30~1000	-66.94	PASS
Band2	10MHz	QPSK	19150	50RB#0	1000~3000	-51.51	PASS
Band2	10MHz	QPSK	19150	50RB#0	3000~20000	-46.35	PASS
Band2	10MHz	16QAM	18650	50RB#0	0.009~0.15	-46.94	PASS
Band2	10MHz	16QAM	18650	50RB#0	0.15~30	-57.83	PASS
Band2	10MHz	16QAM	18650	50RB#0	30~1000	-66.83	PASS
Band2	10MHz	16QAM	18650	50RB#0	1000~3000	-52.38	PASS
Band2	10MHz	16QAM	18650	50RB#0	3000~20000	-46.39	PASS
Band2	10MHz	16QAM	18900	50RB#0	0.009~0.15	-46.89	PASS
Band2	10MHz	16QAM	18900	50RB#0	0.15~30	-59.31	PASS
Band2	10MHz	16QAM	18900	50RB#0	30~1000	-66.93	PASS
Band2	10MHz	16QAM	18900	50RB#0	1000~3000	-50.89	PASS
Band2	10MHz	16QAM	18900	50RB#0	3000~20000	-46.27	PASS
Band2	10MHz	16QAM	19150	50RB#0	0.009~0.15	-45.71	PASS
Band2	10MHz	16QAM	19150	50RB#0	0.15~30	-58.52	PASS
Band2	10MHz	16QAM	19150	50RB#0	30~1000	-66.52	PASS
Band2	10MHz	16QAM	19150	50RB#0	1000~3000	-52.64	PASS
Band2	10MHz	16QAM	19150	50RB#0	3000~20000	-46.05	PASS
Band2	15MHz	QPSK	18675	75RB#0	0.009~0.15	-48.00	PASS
Band2	15MHz	QPSK	18675	75RB#0	0.15~30	-59.82	PASS

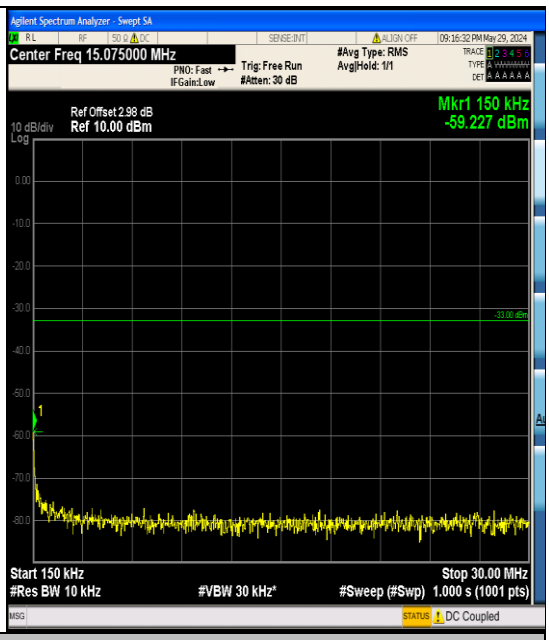
Band2	15MHz	QPSK	18675	75RB#0	30~1000	-66.63	PASS
Band2	15MHz	QPSK	18675	75RB#0	1000~3000	-51.28	PASS
Band2	15MHz	QPSK	18675	75RB#0	3000~20000	-45.93	PASS
Band2	15MHz	QPSK	18900	75RB#0	0.009~0.15	-47.96	PASS
Band2	15MHz	QPSK	18900	75RB#0	0.15~30	-57.64	PASS
Band2	15MHz	QPSK	18900	75RB#0	30~1000	-66.60	PASS
Band2	15MHz	QPSK	18900	75RB#0	1000~3000	-52.17	PASS
Band2	15MHz	QPSK	18900	75RB#0	3000~20000	-46.29	PASS
Band2	15MHz	QPSK	19125	75RB#0	0.009~0.15	-48.44	PASS
Band2	15MHz	QPSK	19125	75RB#0	0.15~30	-58.60	PASS
Band2	15MHz	QPSK	19125	75RB#0	30~1000	-66.63	PASS
Band2	15MHz	QPSK	19125	75RB#0	1000~3000	-50.51	PASS
Band2	15MHz	QPSK	19125	75RB#0	3000~20000	-46.30	PASS
Band2	15MHz	16QAM	18675	75RB#0	0.009~0.15	-44.66	PASS
Band2	15MHz	16QAM	18675	75RB#0	0.15~30	-57.32	PASS
Band2	15MHz	16QAM	18675	75RB#0	30~1000	-66.50	PASS
Band2	15MHz	16QAM	18675	75RB#0	1000~3000	-51.70	PASS
Band2	15MHz	16QAM	18675	75RB#0	3000~20000	-46.20	PASS
Band2	15MHz	16QAM	18900	75RB#0	0.009~0.15	-47.51	PASS
Band2	15MHz	16QAM	18900	75RB#0	0.15~30	-58.16	PASS
Band2	15MHz	16QAM	18900	75RB#0	30~1000	-66.75	PASS
Band2	15MHz	16QAM	18900	75RB#0	1000~3000	-52.79	PASS
Band2	15MHz	16QAM	18900	75RB#0	3000~20000	-46.50	PASS
Band2	15MHz	16QAM	19125	75RB#0	0.009~0.15	-47.10	PASS
Band2	15MHz	16QAM	19125	75RB#0	0.15~30	-60.42	PASS
Band2	15MHz	16QAM	19125	75RB#0	30~1000	-66.65	PASS
Band2	15MHz	16QAM	19125	75RB#0	1000~3000	-50.78	PASS
Band2	15MHz	16QAM	19125	75RB#0	3000~20000	-46.16	PASS
Band2	20MHz	QPSK	18700	100RB#0	0.009~0.15	-48.41	PASS
Band2	20MHz	QPSK	18700	100RB#0	0.15~30	-57.94	PASS
Band2	20MHz	QPSK	18700	100RB#0	30~1000	-66.60	PASS
Band2	20MHz	QPSK	18700	100RB#0	1000~3000	-52.62	PASS
Band2	20MHz	QPSK	18700	100RB#0	3000~20000	-46.31	PASS
Band2	20MHz	QPSK	18900	100RB#0	0.009~0.15	-49.26	PASS
Band2	20MHz	QPSK	18900	100RB#0	0.15~30	-59.10	PASS
Band2	20MHz	QPSK	18900	100RB#0	30~1000	-66.71	PASS
Band2	20MHz	QPSK	18900	100RB#0	1000~3000	-52.19	PASS
Band2	20MHz	QPSK	18900	100RB#0	3000~20000	-45.90	PASS
Band2	20MHz	QPSK	19100	100RB#0	0.009~0.15	-46.95	PASS
Band2	20MHz	QPSK	19100	100RB#0	0.15~30	-58.27	PASS
Band2	20MHz	QPSK	19100	100RB#0	30~1000	-66.72	PASS
Band2	20MHz	QPSK	19100	100RB#0	1000~3000	-52.73	PASS
Band2	20MHz	QPSK	19100	100RB#0	3000~20000	-46.40	PASS

Band2	20MHz	16QAM	18700	100RB#0	0.009~0.15	-45.49	PASS
Band2	20MHz	16QAM	18700	100RB#0	0.15~30	-58.13	PASS
Band2	20MHz	16QAM	18700	100RB#0	30~1000	-66.84	PASS
Band2	20MHz	16QAM	18700	100RB#0	1000~3000	-52.64	PASS
Band2	20MHz	16QAM	18700	100RB#0	3000~20000	-46.16	PASS
Band2	20MHz	16QAM	18900	100RB#0	0.009~0.15	-50.52	PASS
Band2	20MHz	16QAM	18900	100RB#0	0.15~30	-56.74	PASS
Band2	20MHz	16QAM	18900	100RB#0	30~1000	-66.66	PASS
Band2	20MHz	16QAM	18900	100RB#0	1000~3000	-52.81	PASS
Band2	20MHz	16QAM	18900	100RB#0	3000~20000	-46.16	PASS
Band2	20MHz	16QAM	19100	100RB#0	0.009~0.15	-49.03	PASS
Band2	20MHz	16QAM	19100	100RB#0	0.15~30	-56.54	PASS
Band2	20MHz	16QAM	19100	100RB#0	30~1000	-66.50	PASS
Band2	20MHz	16QAM	19100	100RB#0	1000~3000	-52.66	PASS
Band2	20MHz	16QAM	19100	100RB#0	3000~20000	-45.79	PASS

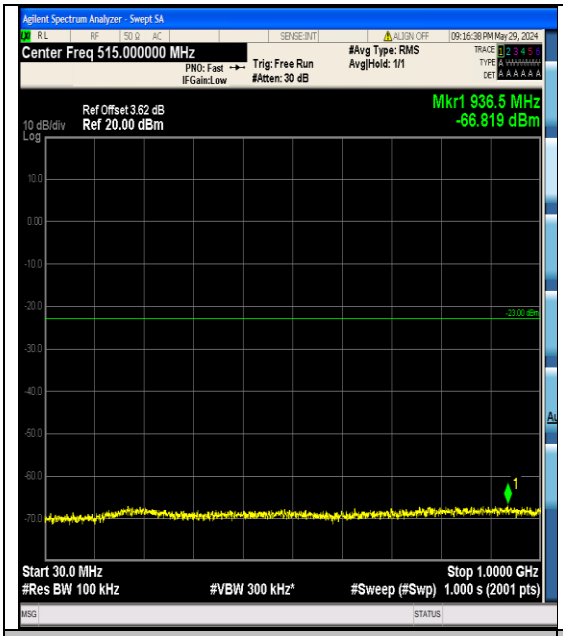
Test Graphs



Band2_1.4MHz_QPSK_18607_6RB#0_0.009~0.15_0.009~0.15



Band2_1.4MHz_QPSK_18607_6RB#0_0.15~30_0.15~30



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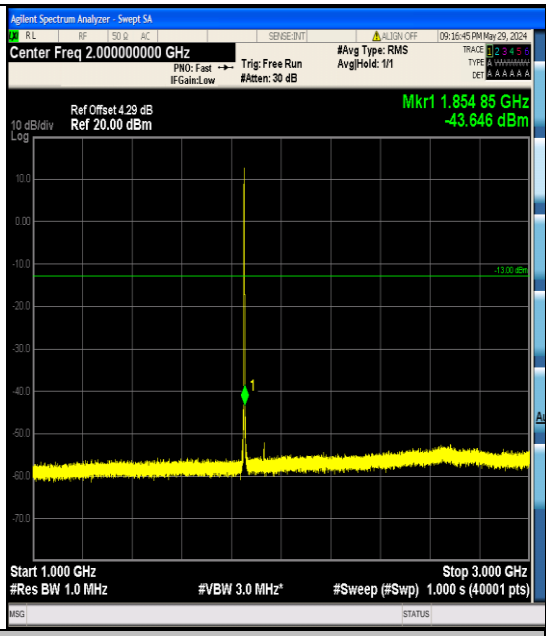

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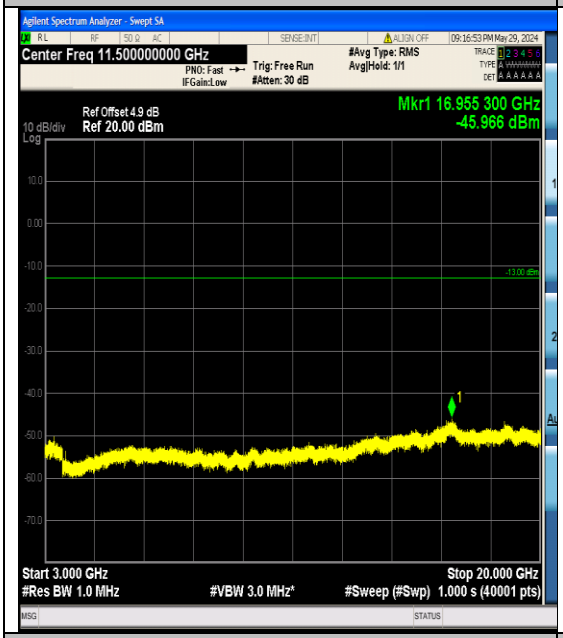

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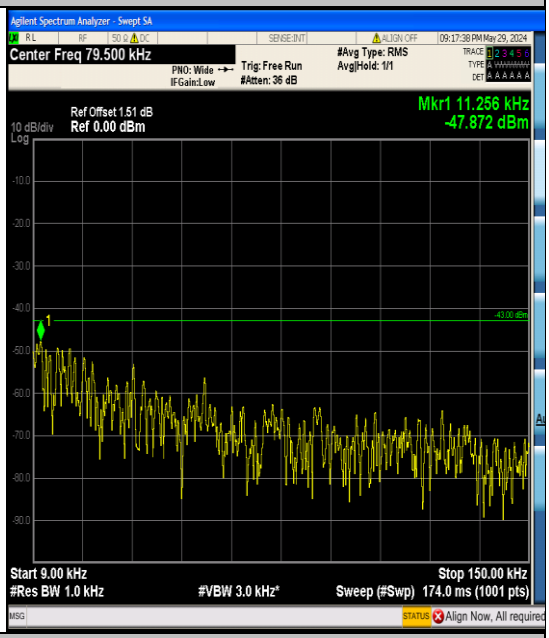

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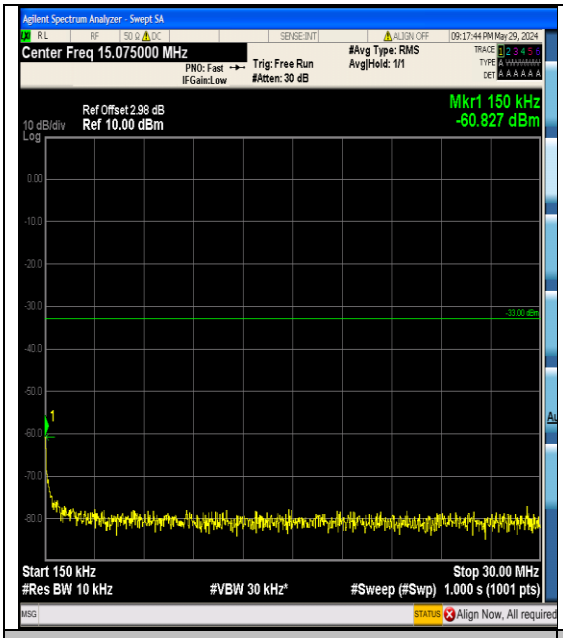

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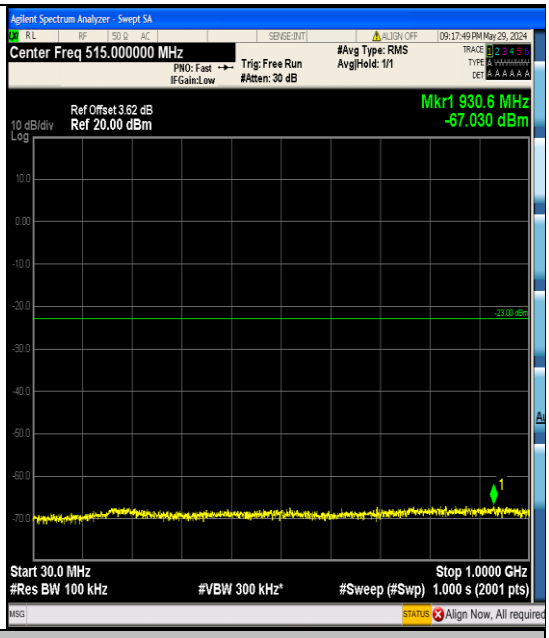

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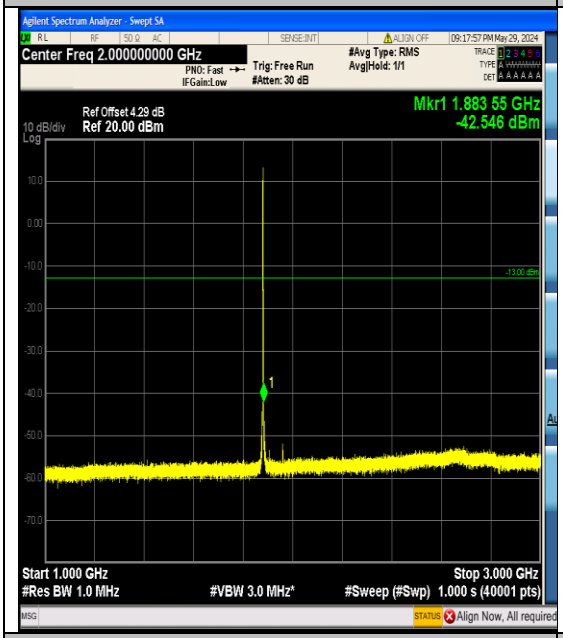
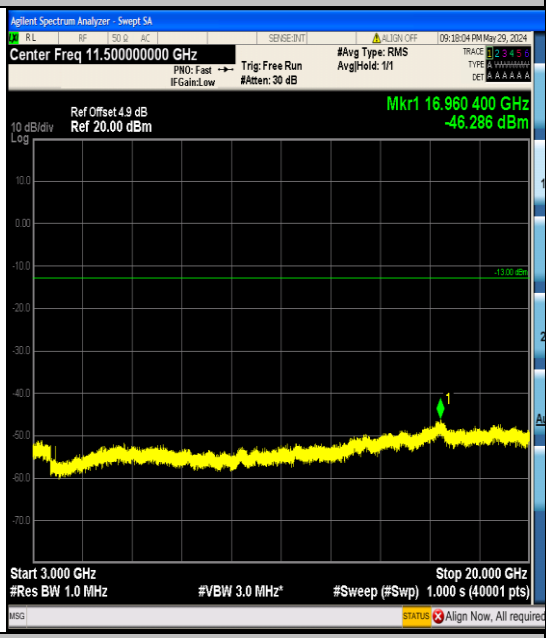
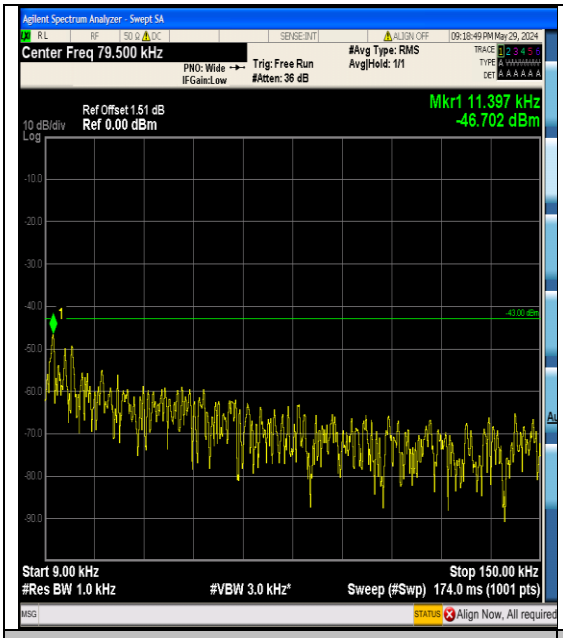


Band2_1.4MHz_QPSK_18900_6RB#0_1000~3000_1000~3000



Band2_1.4MHz_QPSK_18900_6RB#0_3000~20000_3000~20000



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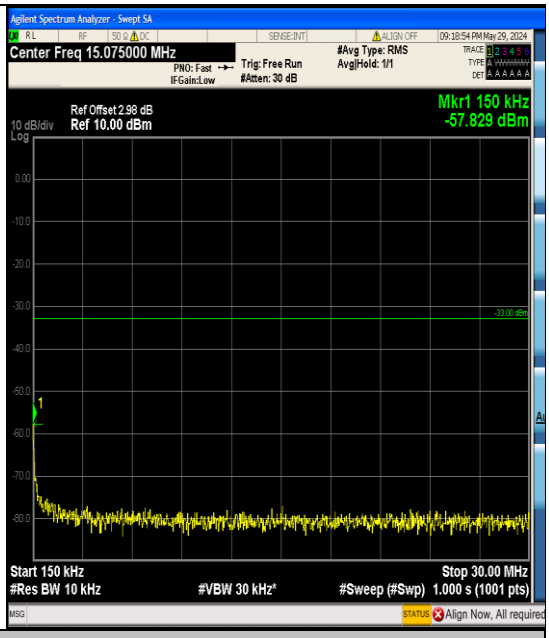

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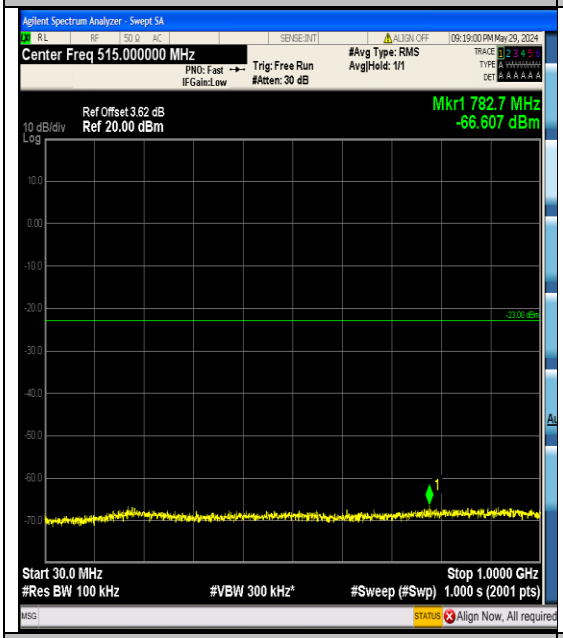

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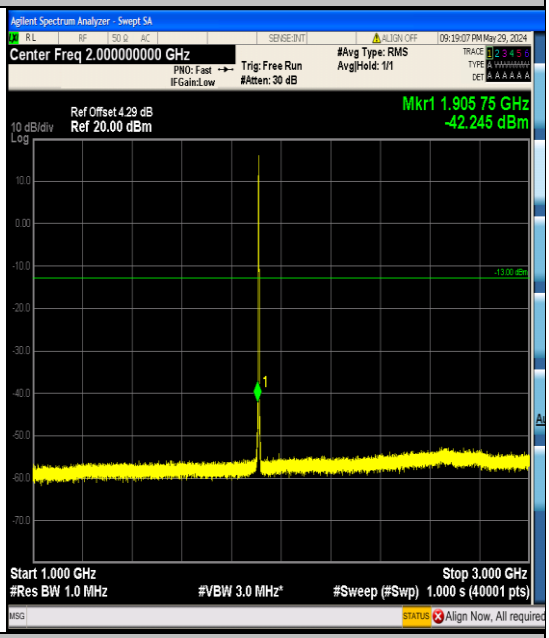
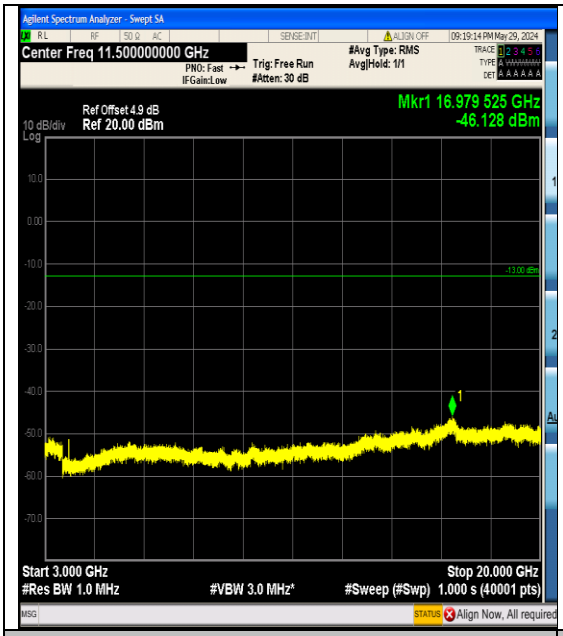


Band2_1.4MHz_QPSK_19193_6RB#0_1000~3000_1000~3000



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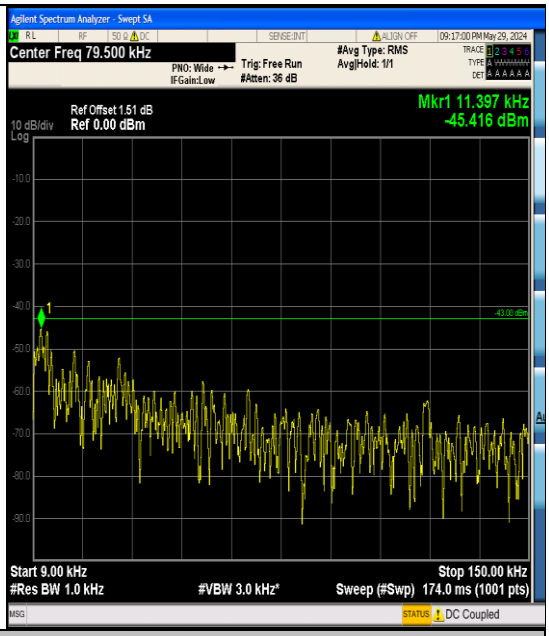

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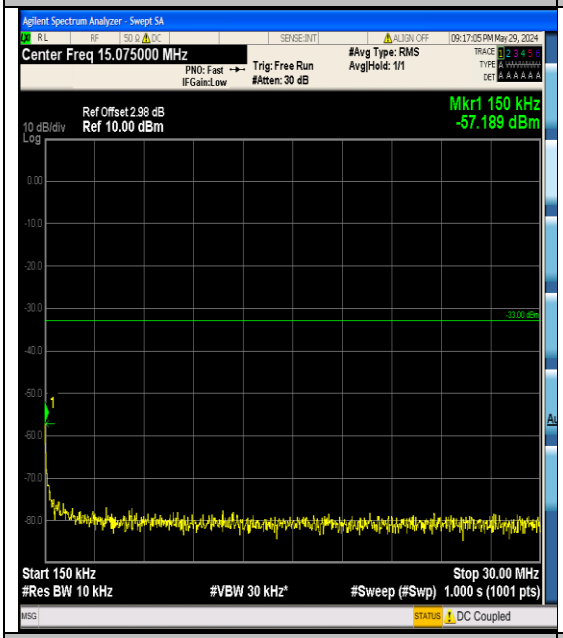

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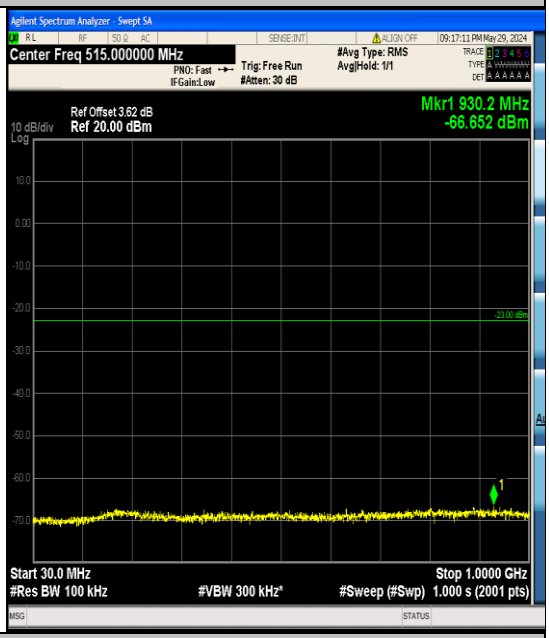

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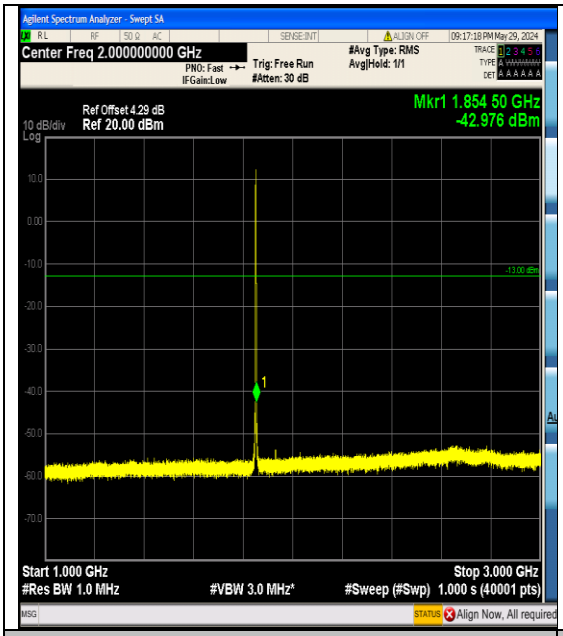
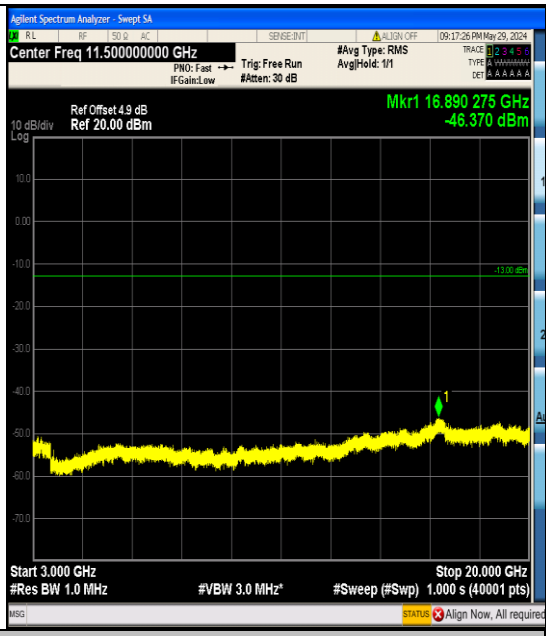
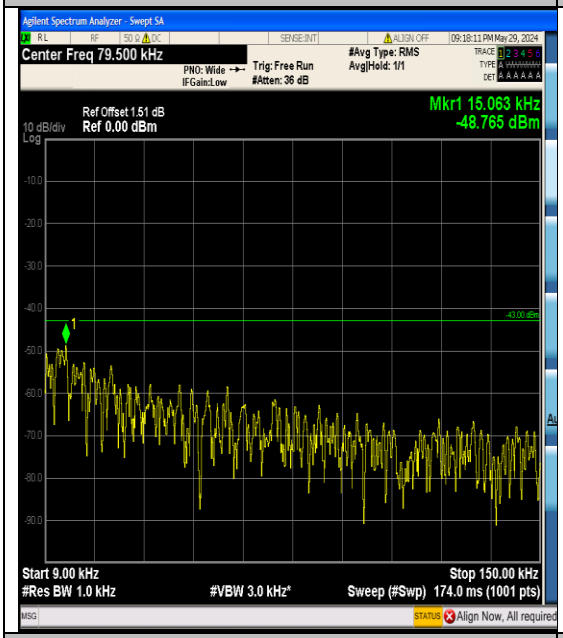


Band2_1.4MHz_16QAM_18607_6RB#0_1000~3000_1000~3000



Band2_1.4MHz_16QAM_18607_6RB#0_3000~20000_3000~20000



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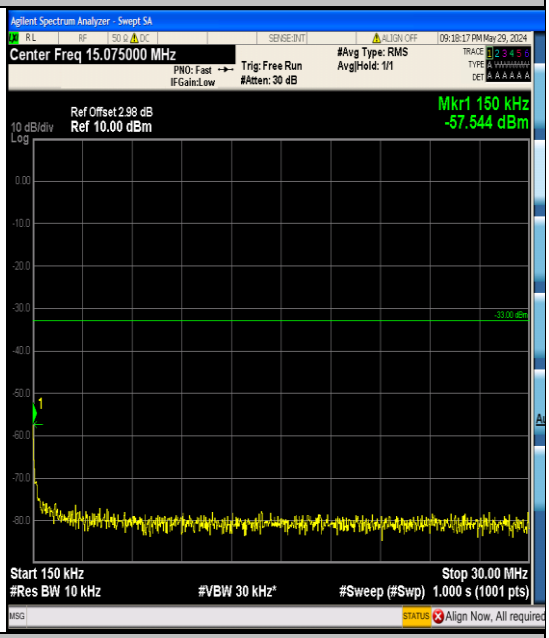

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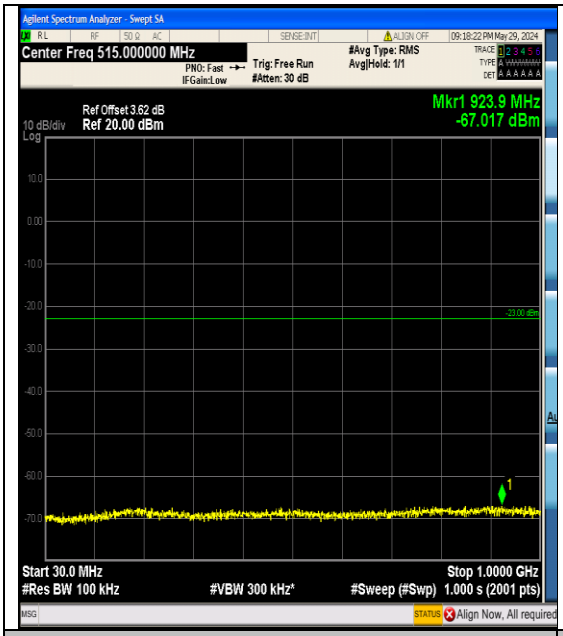

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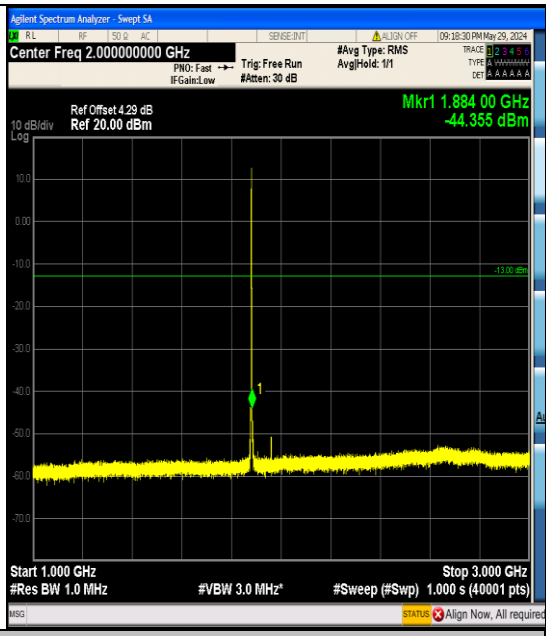

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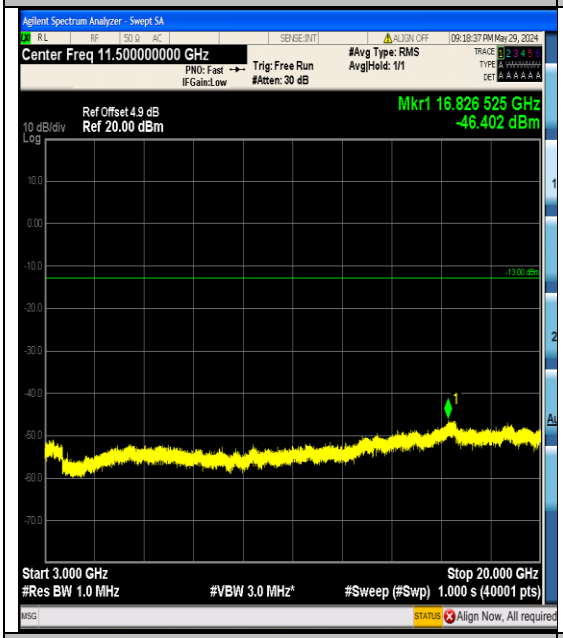

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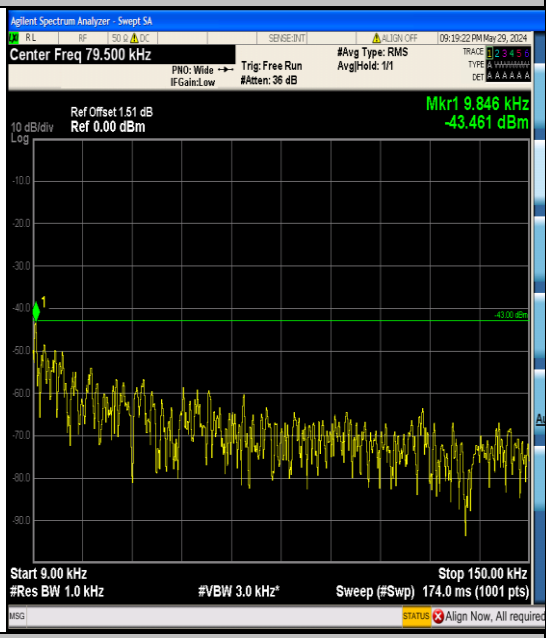

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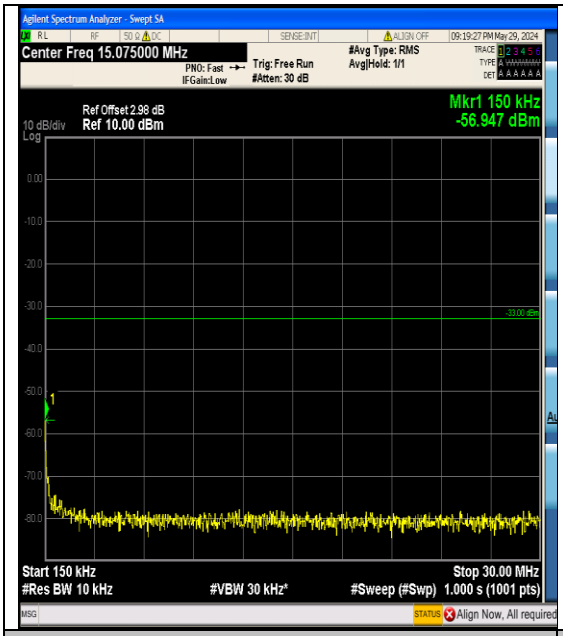
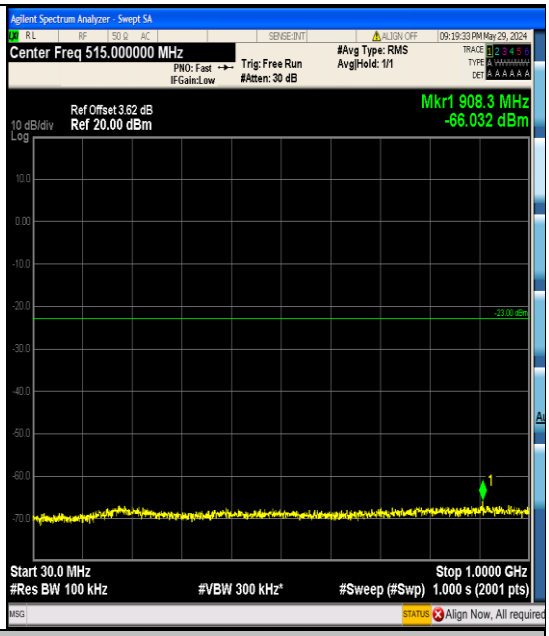


Band2_1.4MHz_16QAM_19193_6RB#0_0.15~30_0.15~30



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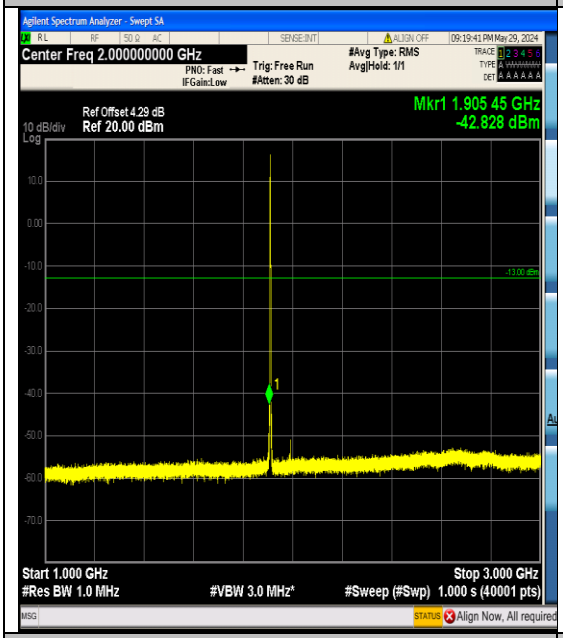

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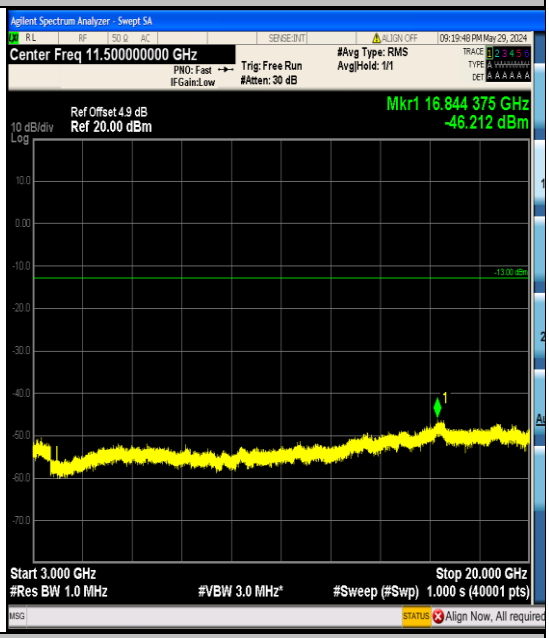

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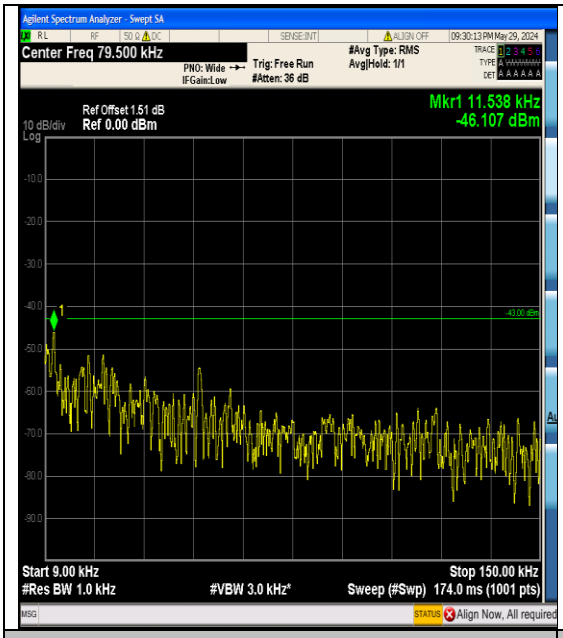
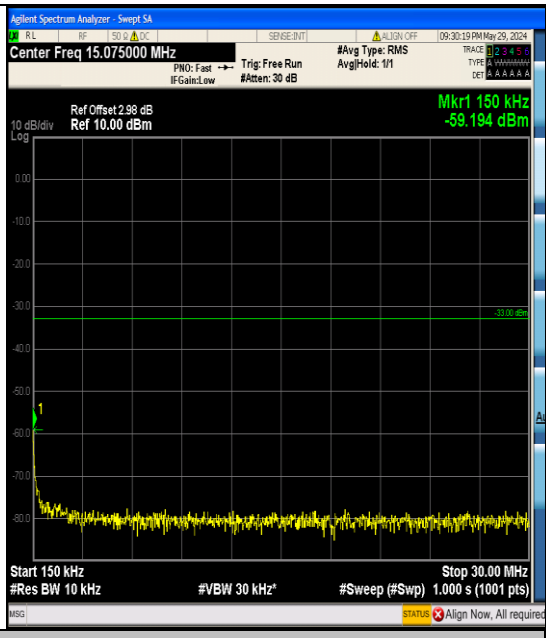
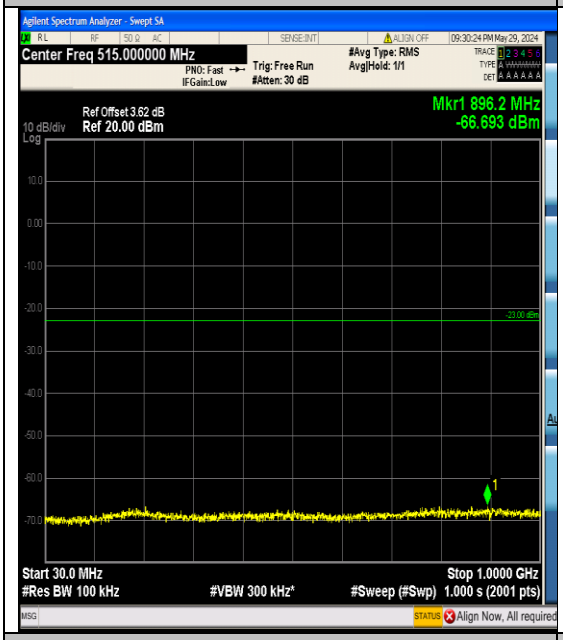


Band2_3MHz_QPSK_18615_15RB#0_0.009~0.15_0.009~0.15



Band2_3MHz_QPSK_18615_15RB#0_0.15~30_0.15~30



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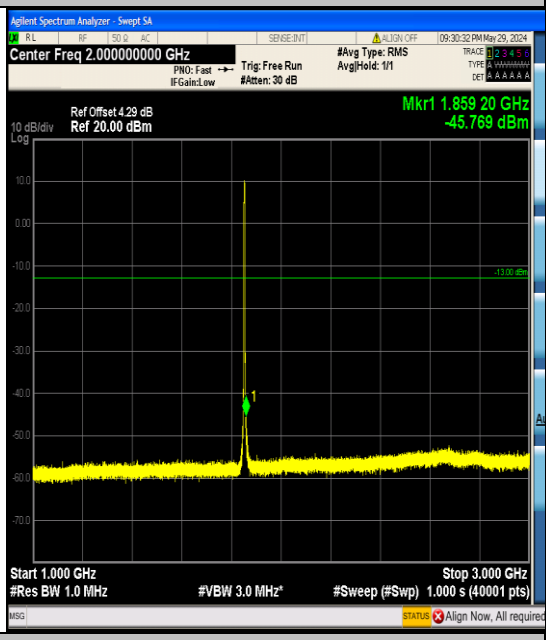

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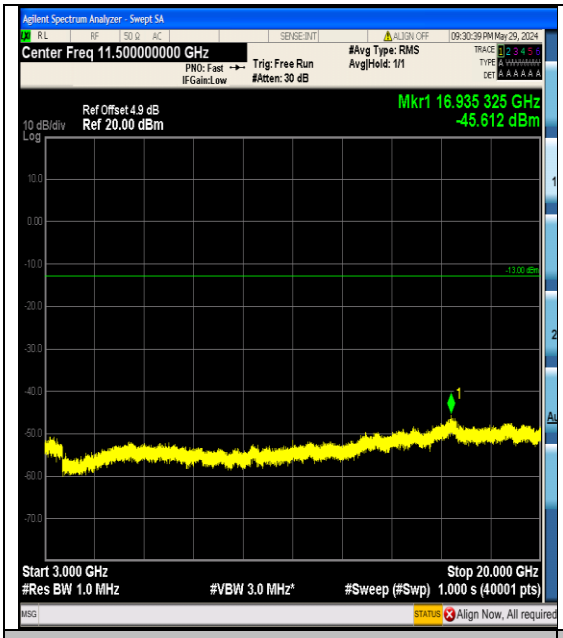
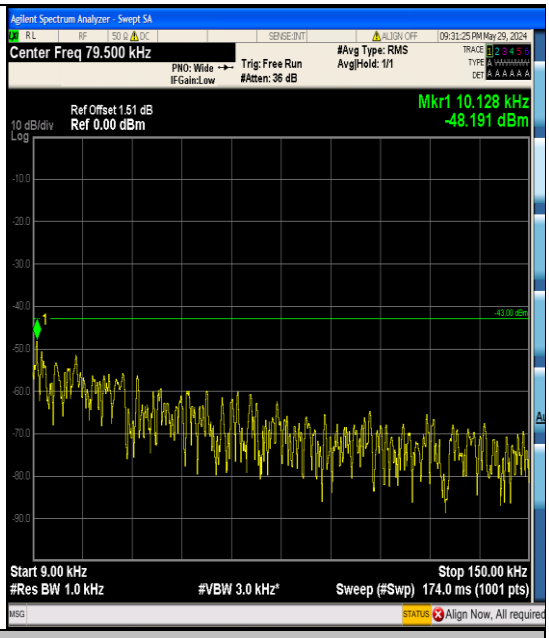


Band2_3MHz_QPSK_18615_15RB#0_3000~20000_3000~20000



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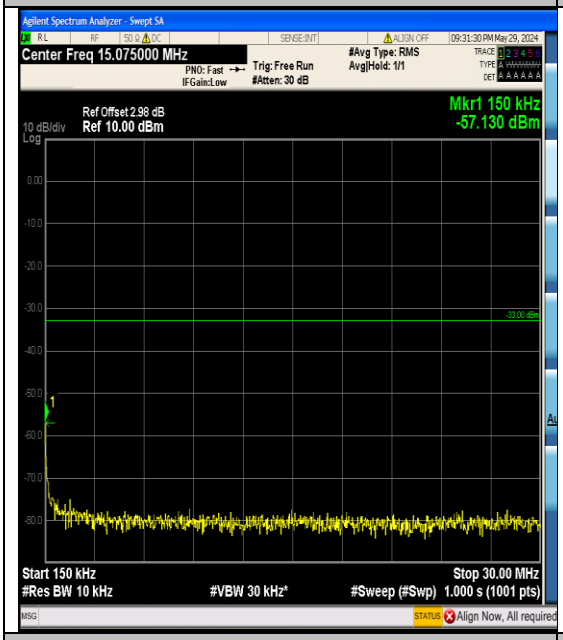
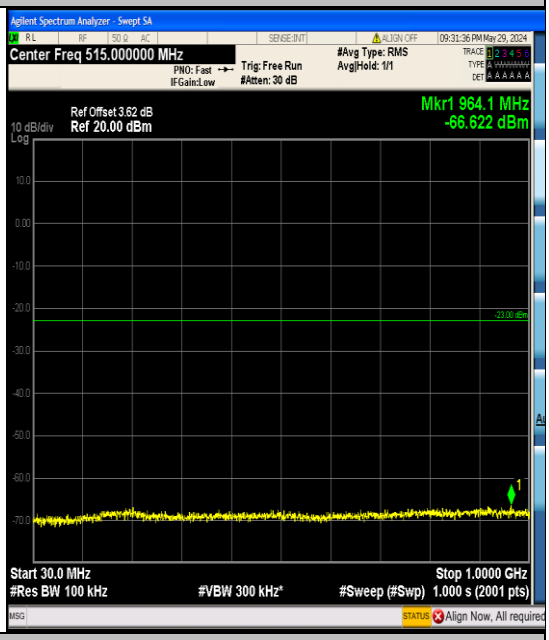


Band2_3MHz_QPSK_18900_15RB#0_0.15~30_0.15~30



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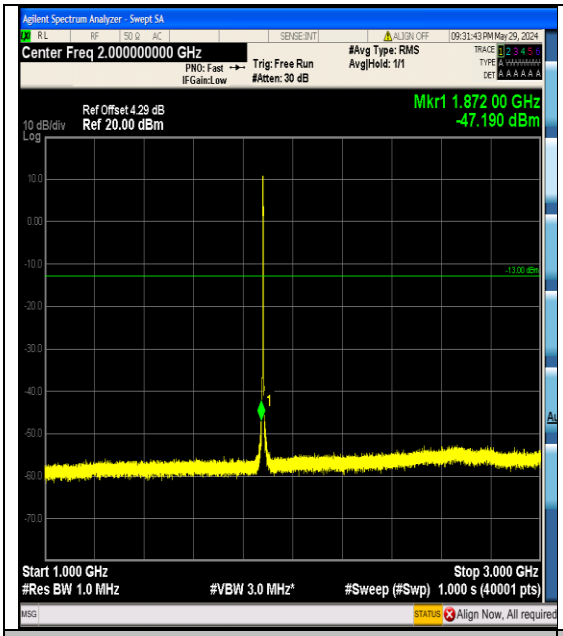
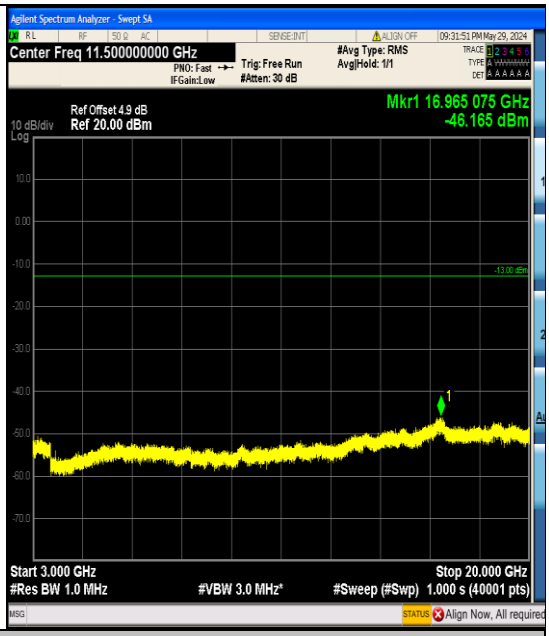
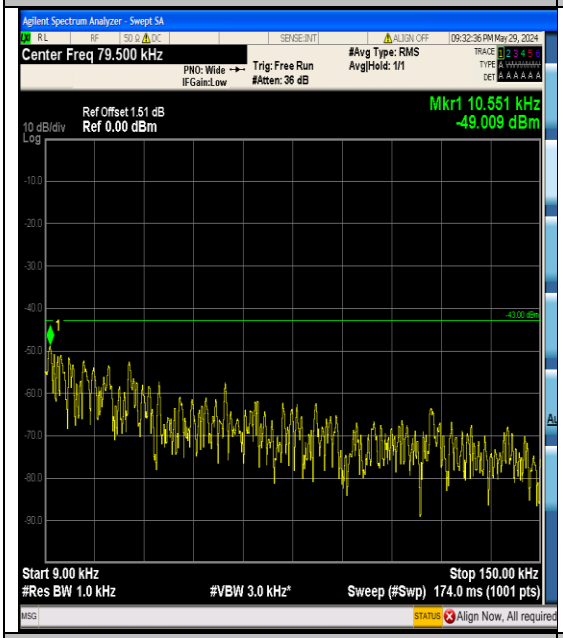


Band2_3MHz_QPSK_18900_15RB#0_1000~3000_1000~3000



Band2_3MHz_QPSK_18900_15RB#0_3000~20000_3000~20000



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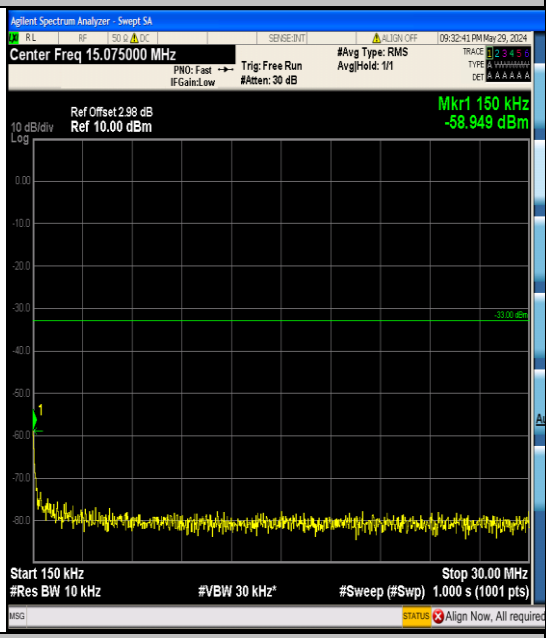

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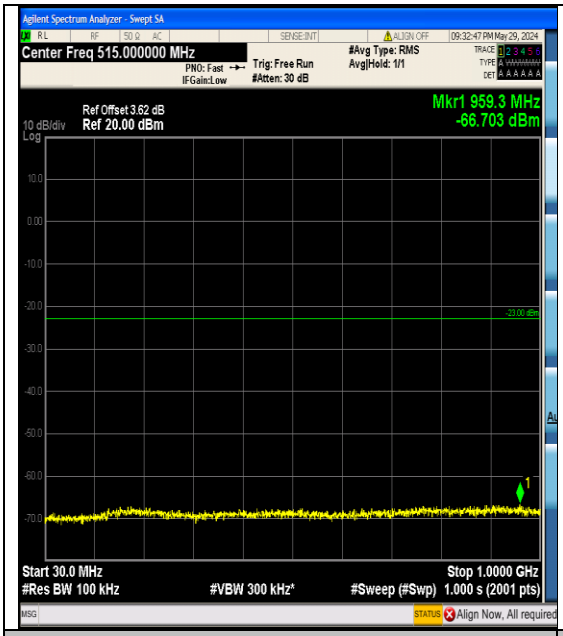
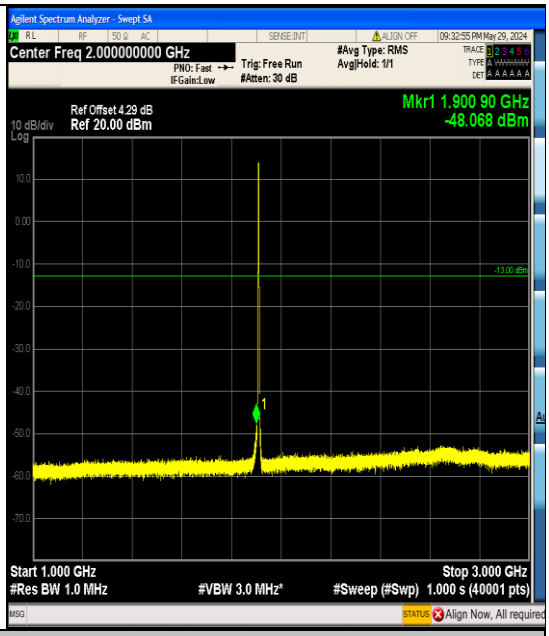


Band2_3MHz_QPSK_19185_15RB#0_30~1000_30~1000



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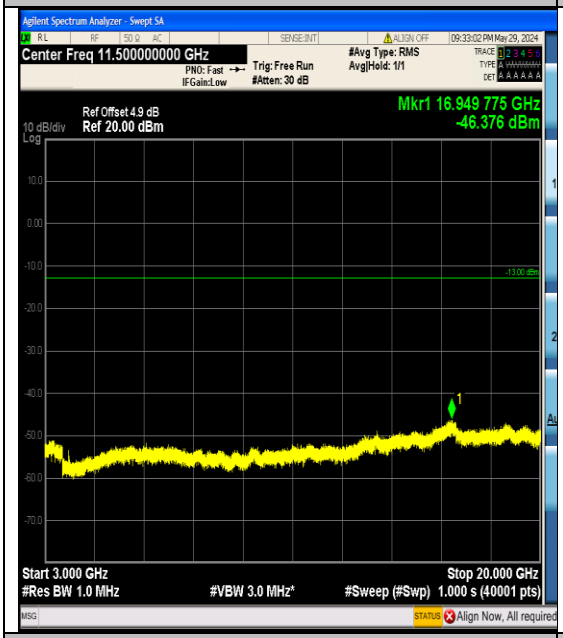

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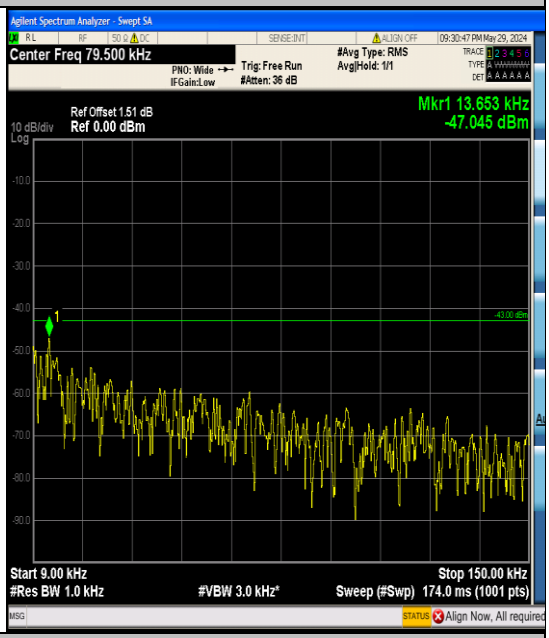
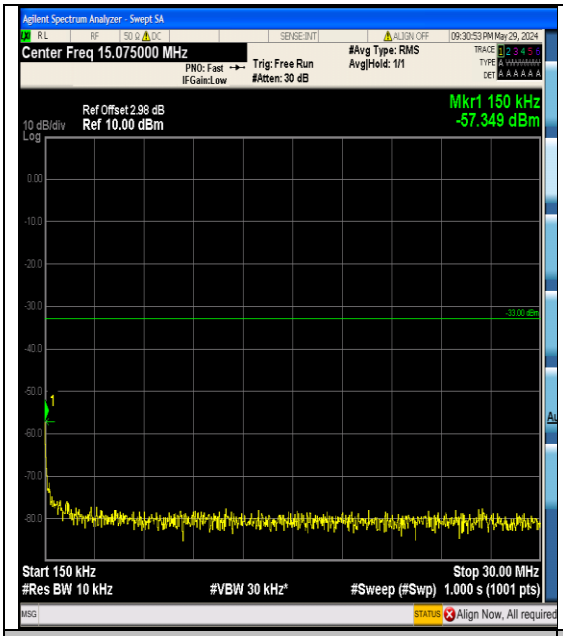
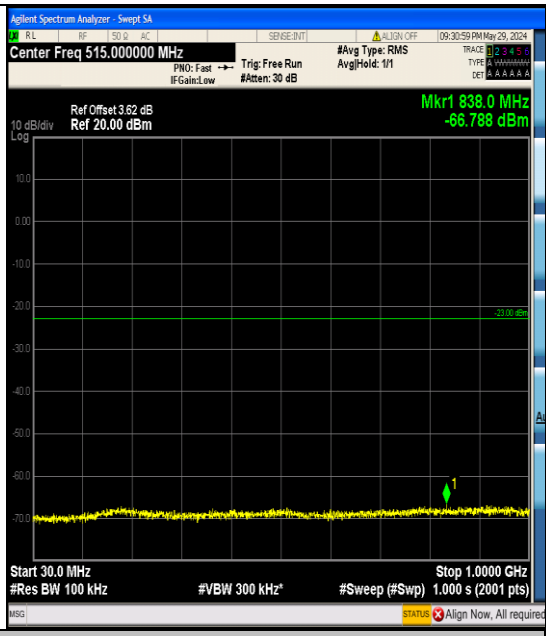


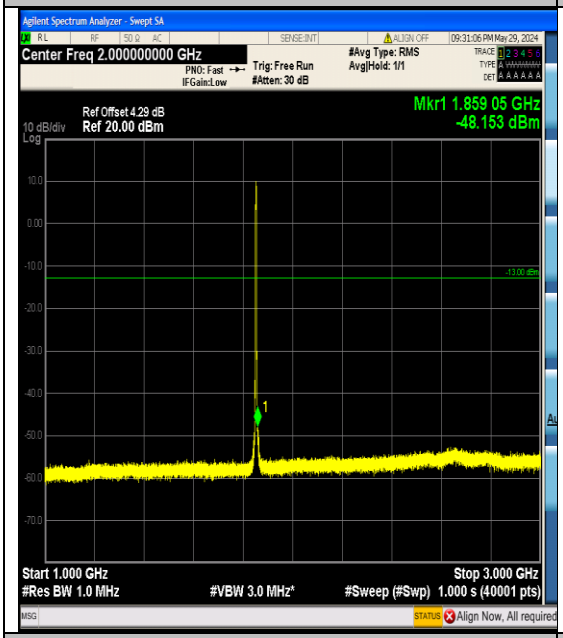
Band2_3MHz_16QAM_18615_15RB#0_0.009~0.15_0.009~0.15



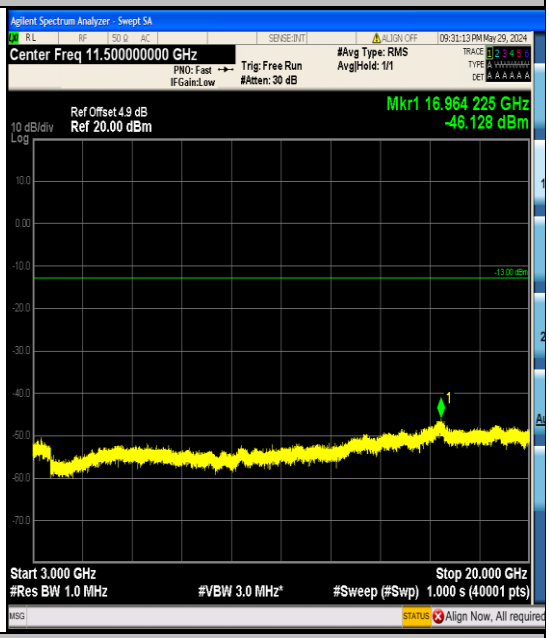
Band2_3MHz_16QAM_18615_15RB#0_0.15~30_0.15~30



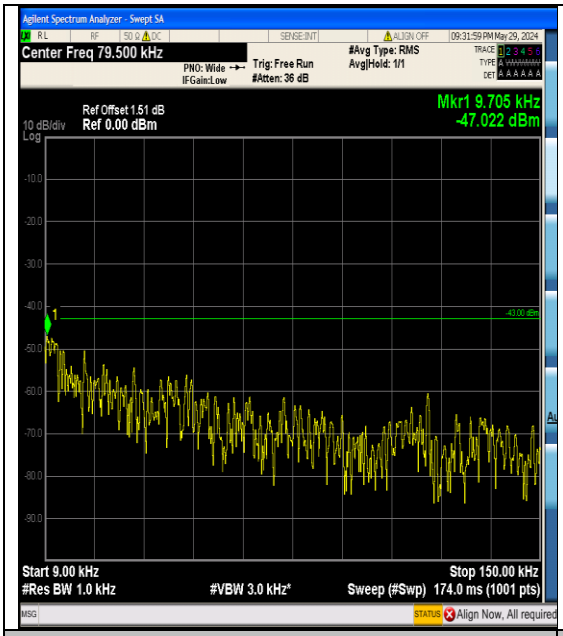
Band2_3MHz_16QAM_18615_15RB#0_30~1000_30~1000



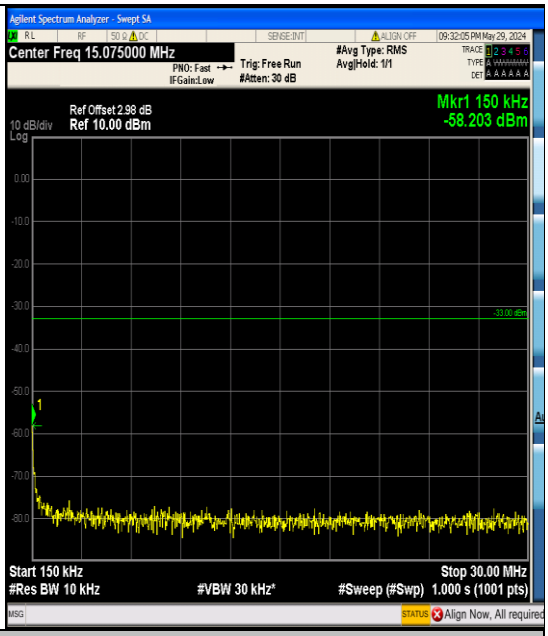
Band2_3MHz_16QAM_18615_15RB#0_1000~3000_1000~3000



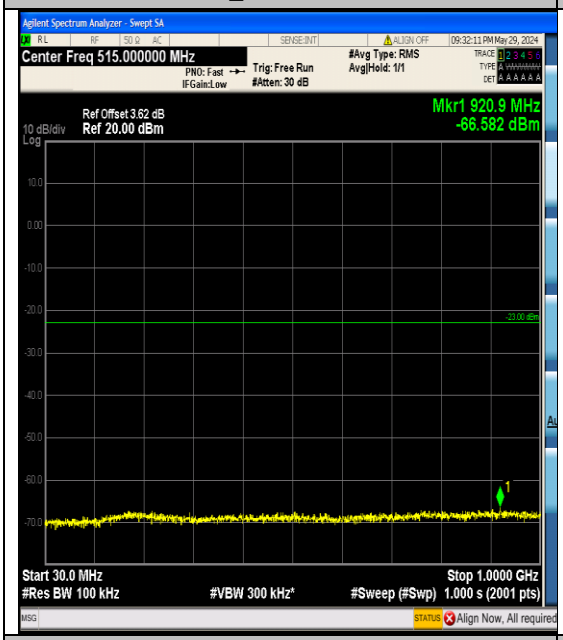
Band2_3MHz_16QAM_18615_15RB#0_3000~20000_3000~20000



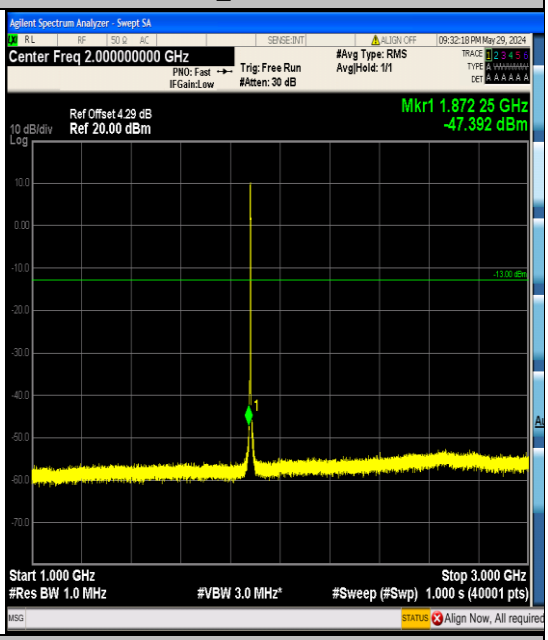
Band2_3MHz_16QAM_18900_15RB#0_0.009~0.15_0.009~0.15



Band2_3MHz_16QAM_18900_15RB#0_0.15~30_0.15~30



Band2_3MHz_16QAM_18900_15RB#0_30~1000_30~1000



Band2_3MHz_16QAM_18900_15RB#0_1000~3000_1000~3000