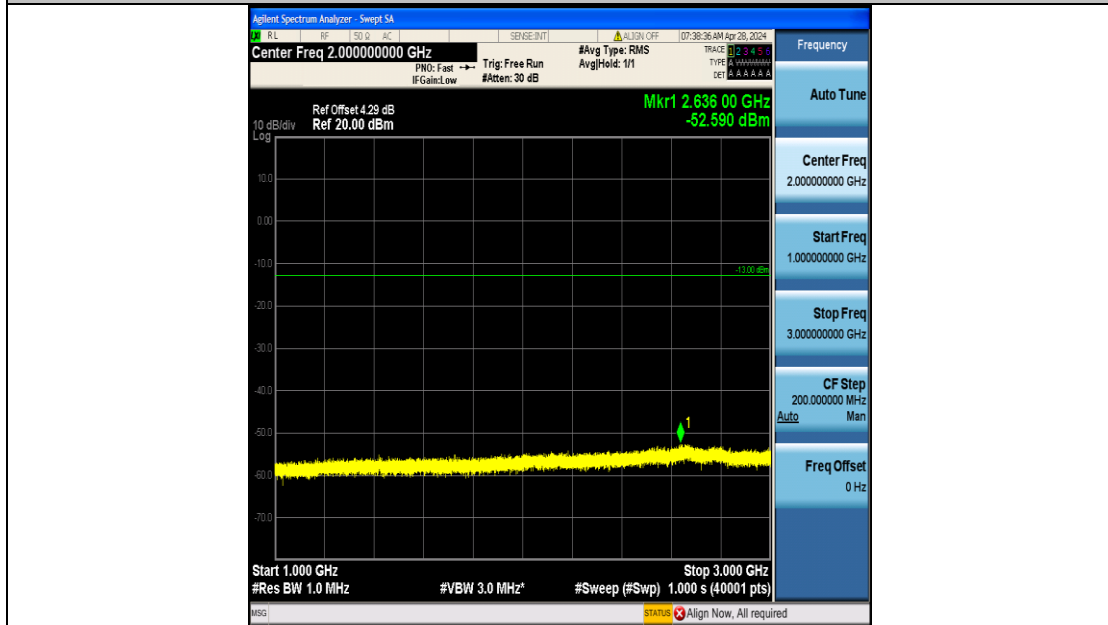
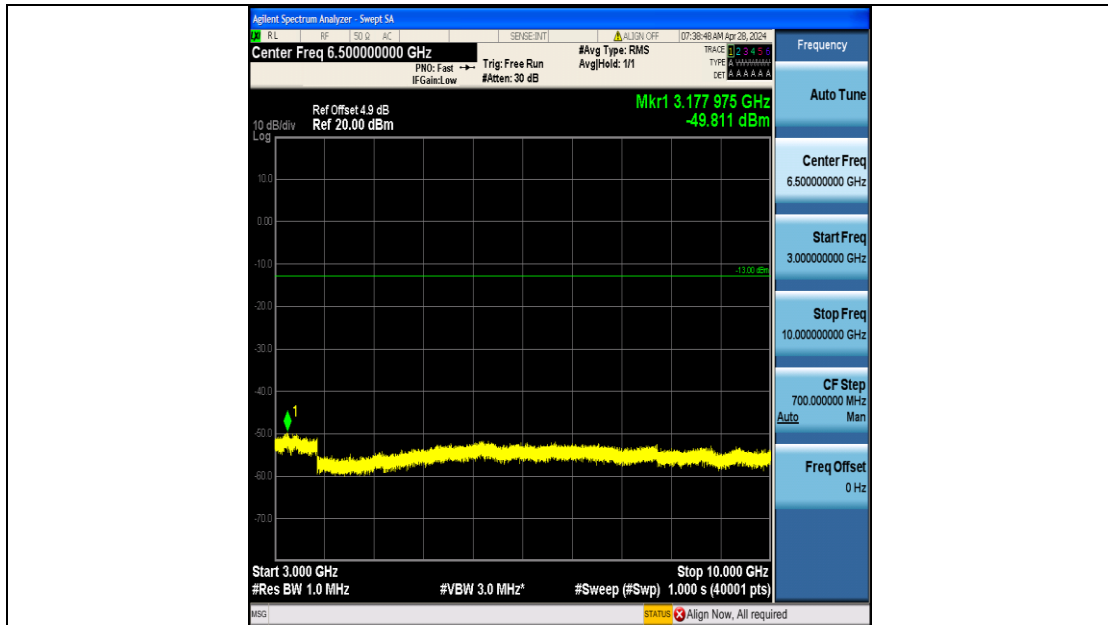


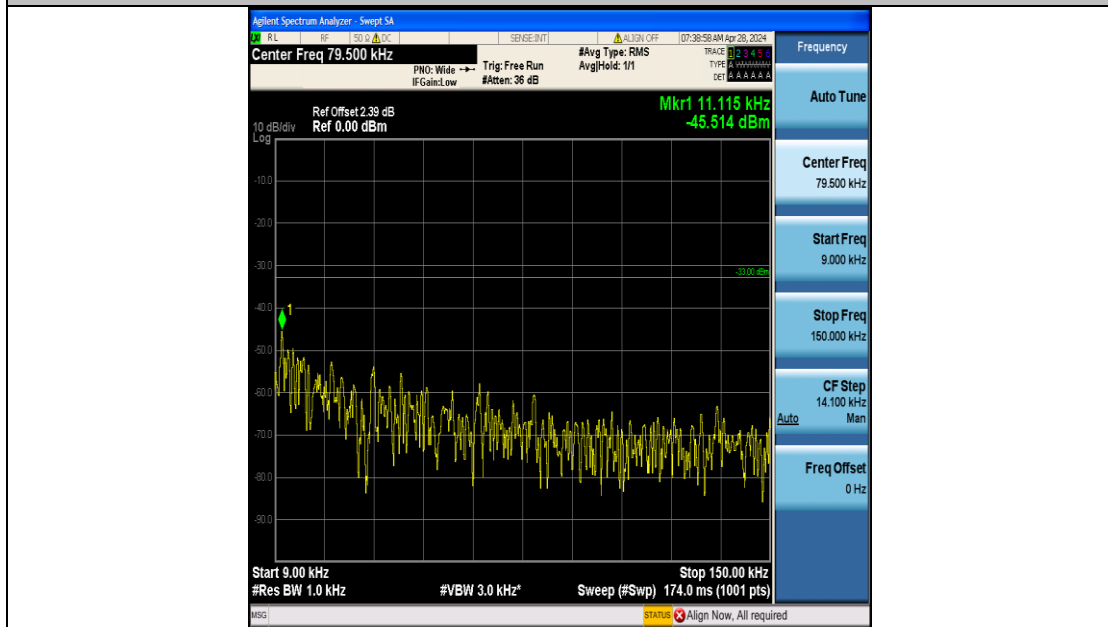
Band17\_10MHz\_16QAM\_23780\_50RB#0\_30~1000\_30~1000



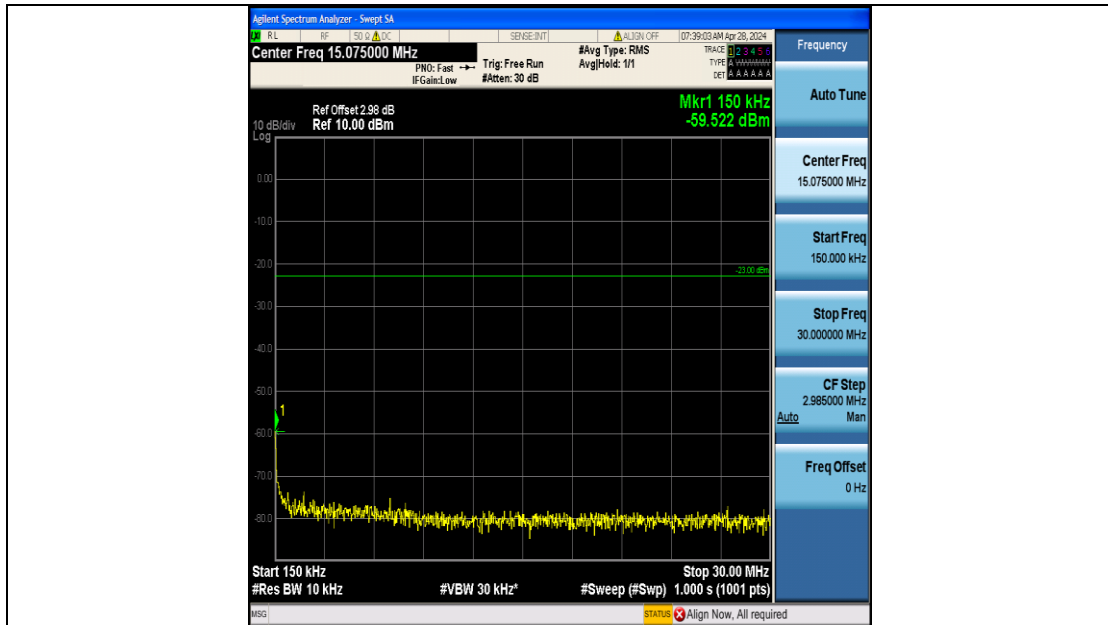
Band17\_10MHz\_16QAM\_23780\_50RB#0\_1000~3000\_1000~3000



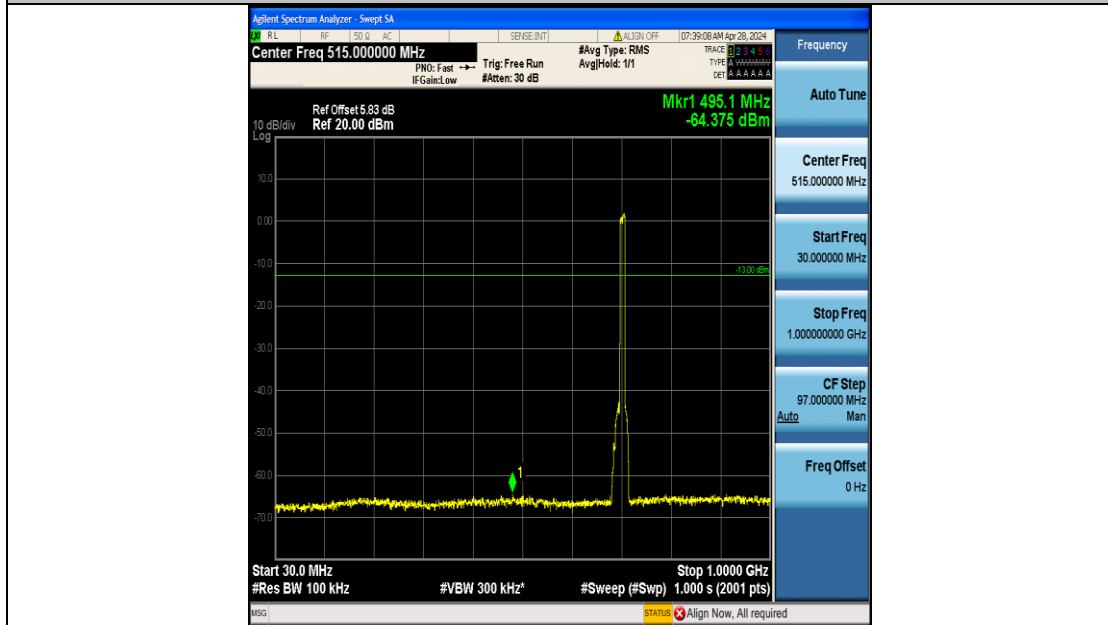
Band17\_10MHz\_16QAM\_23780\_50RB#0\_3000~10000\_3000~10000



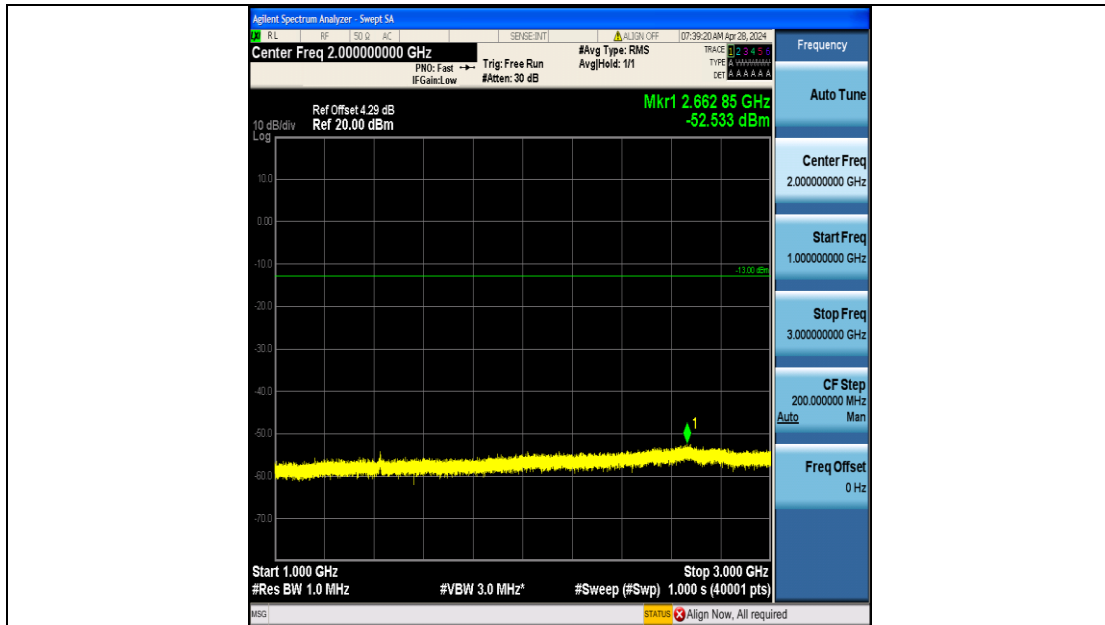
Band17\_10MHz\_QPSK\_23790\_50RB#0\_0.009~0.15\_0.009~0.15



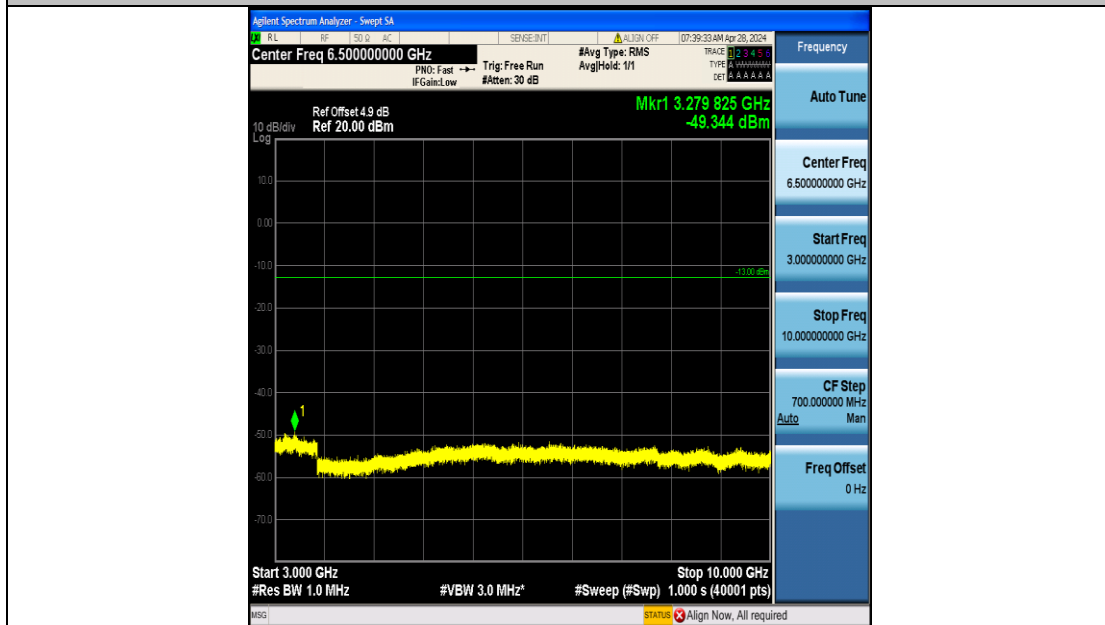
Band17\_10MHz\_QPSK\_23790\_50RB#0\_0.15~30\_0.15~30



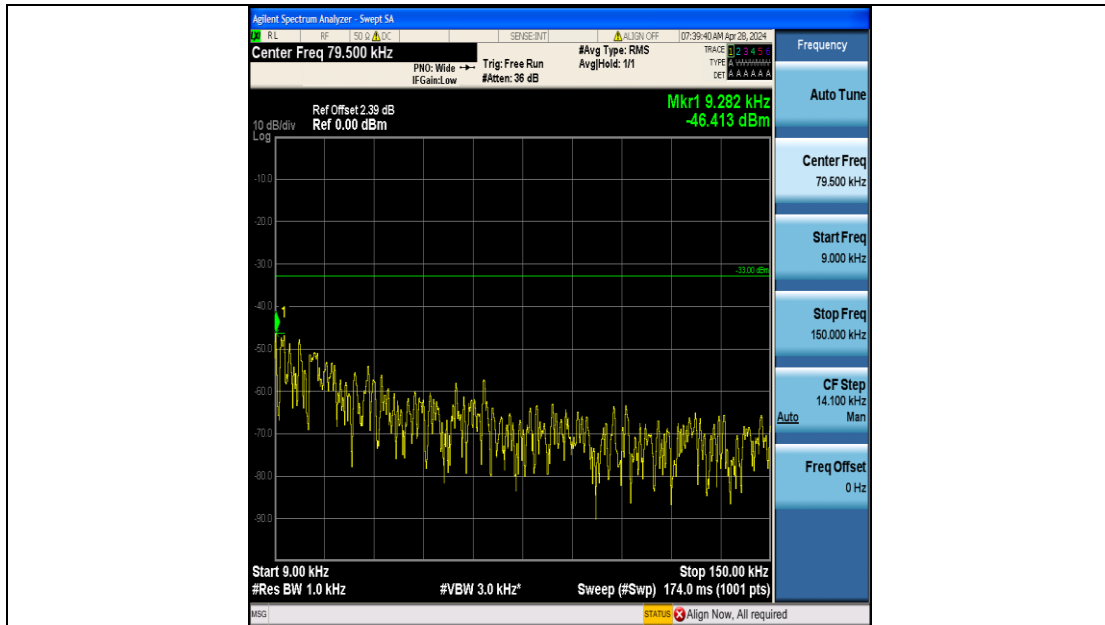
Band17\_10MHz\_QPSK\_23790\_50RB#0\_30~1000\_30~1000



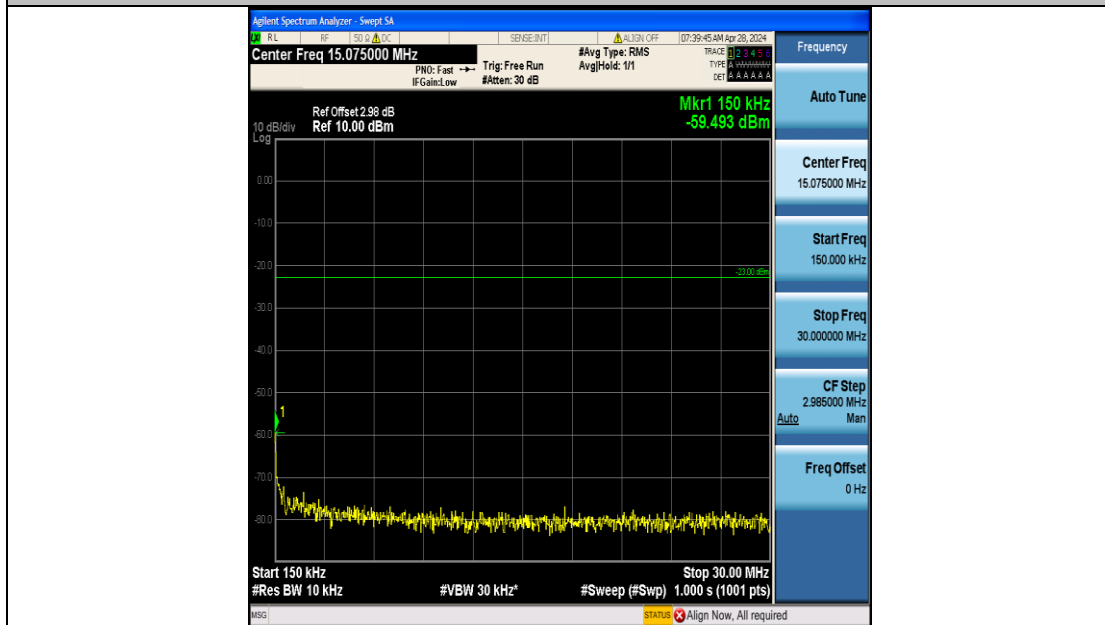
Band17\_10MHz\_QPSK\_23790\_50RB#0\_1000~3000\_1000~3000



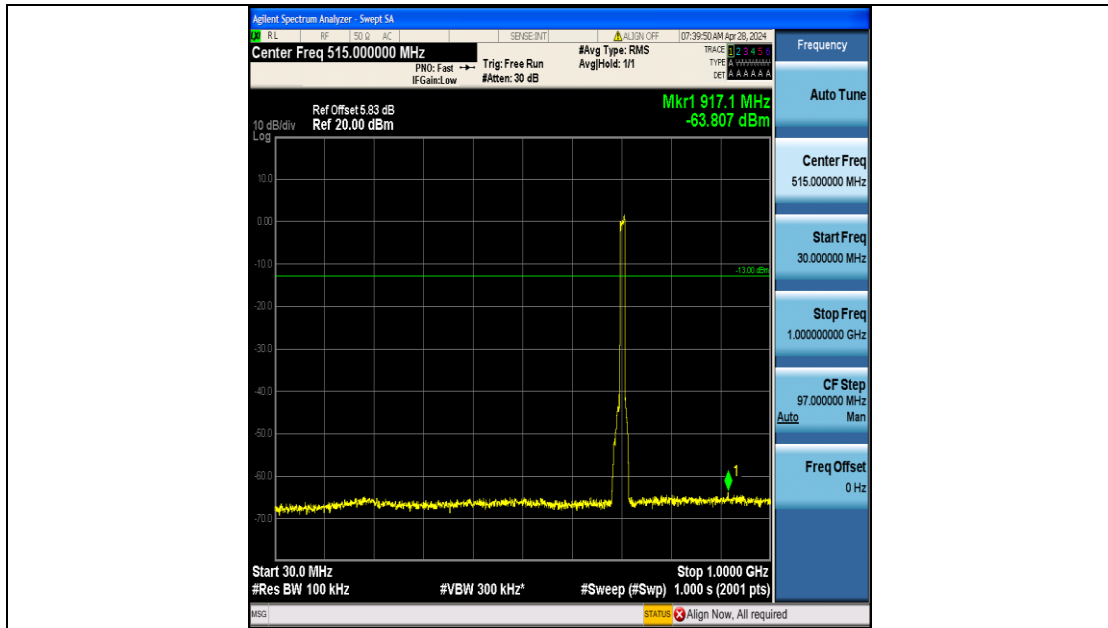
Band17\_10MHz\_QPSK\_23790\_50RB#0\_3000~10000\_3000~10000



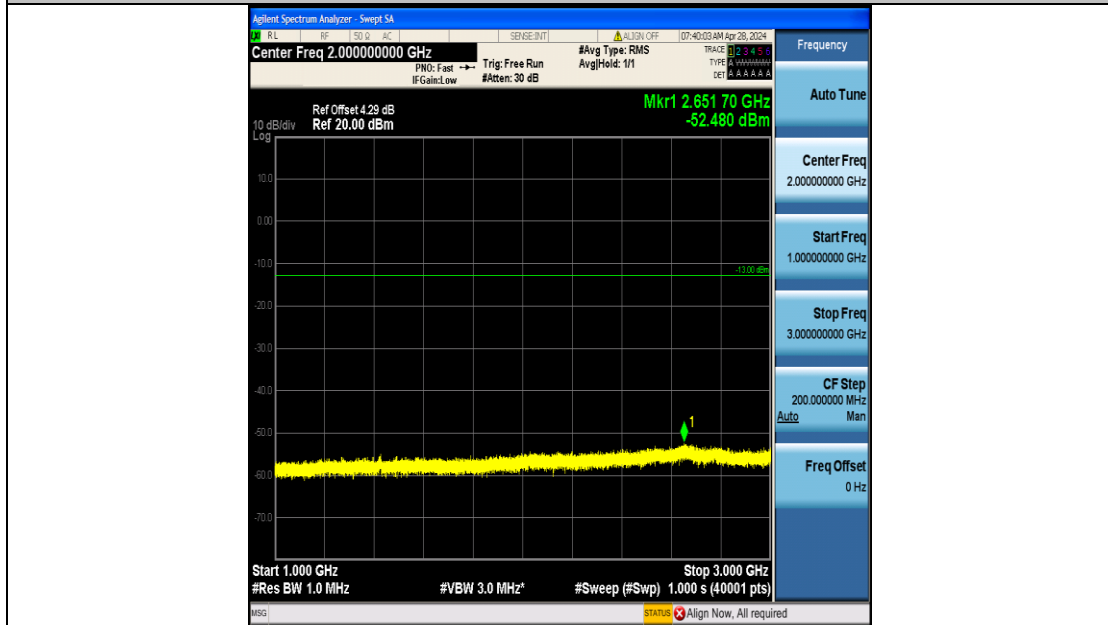
Band17\_10MHz\_16QAM\_23790\_50RB#0\_0.009~0.15\_0.009~0.15



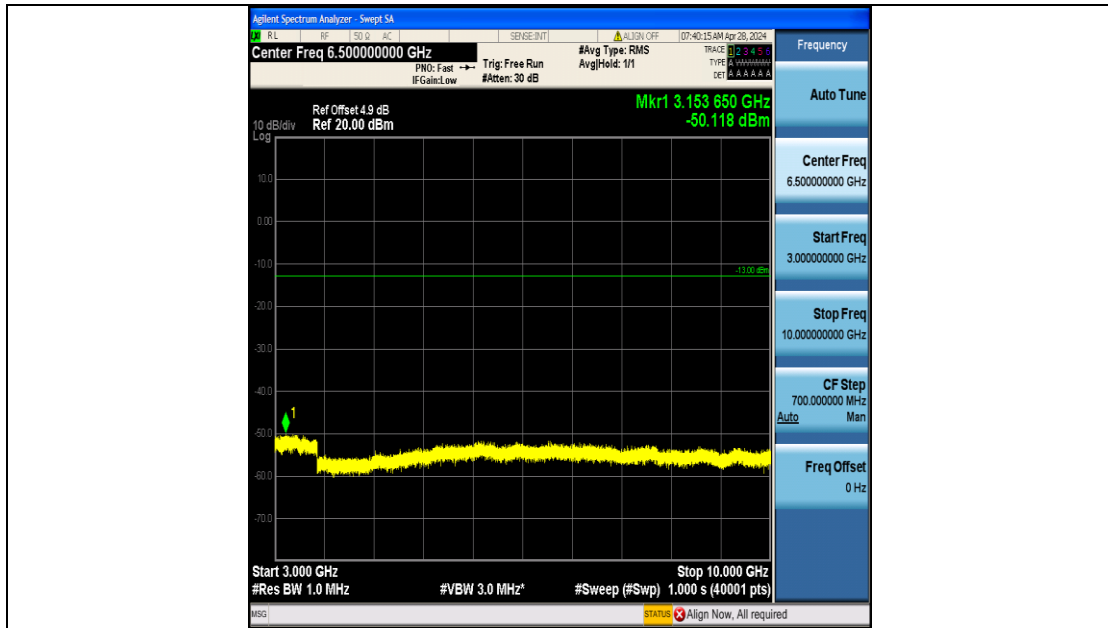
Band17\_10MHz\_16QAM\_23790\_50RB#0\_0.15~30\_0.15~30



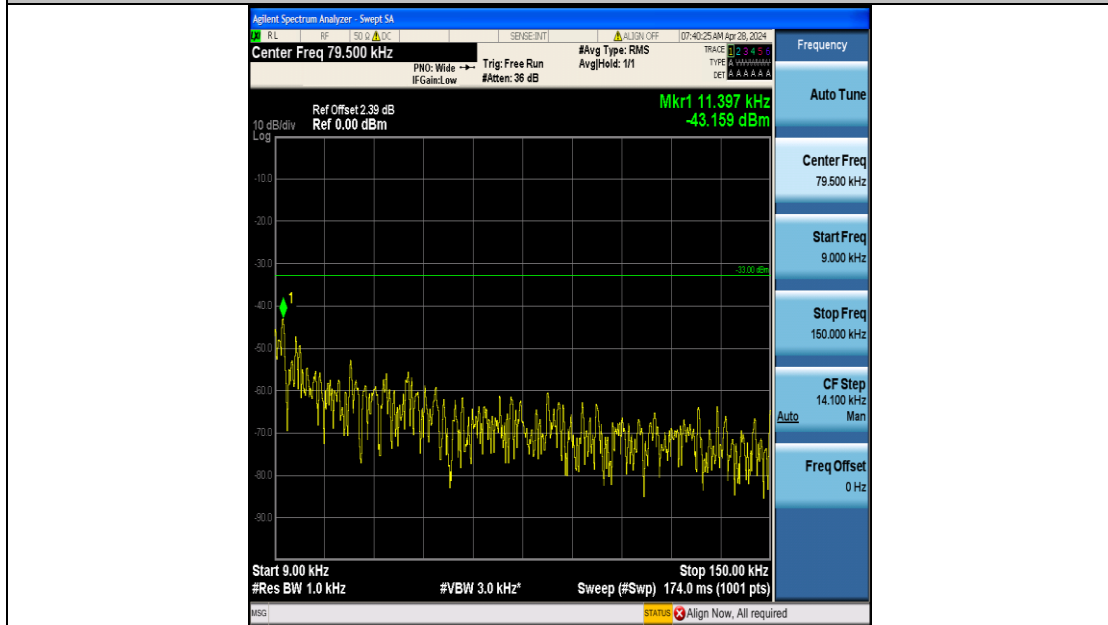
Band17\_10MHz\_16QAM\_23790\_50RB#0\_30~1000\_30~1000



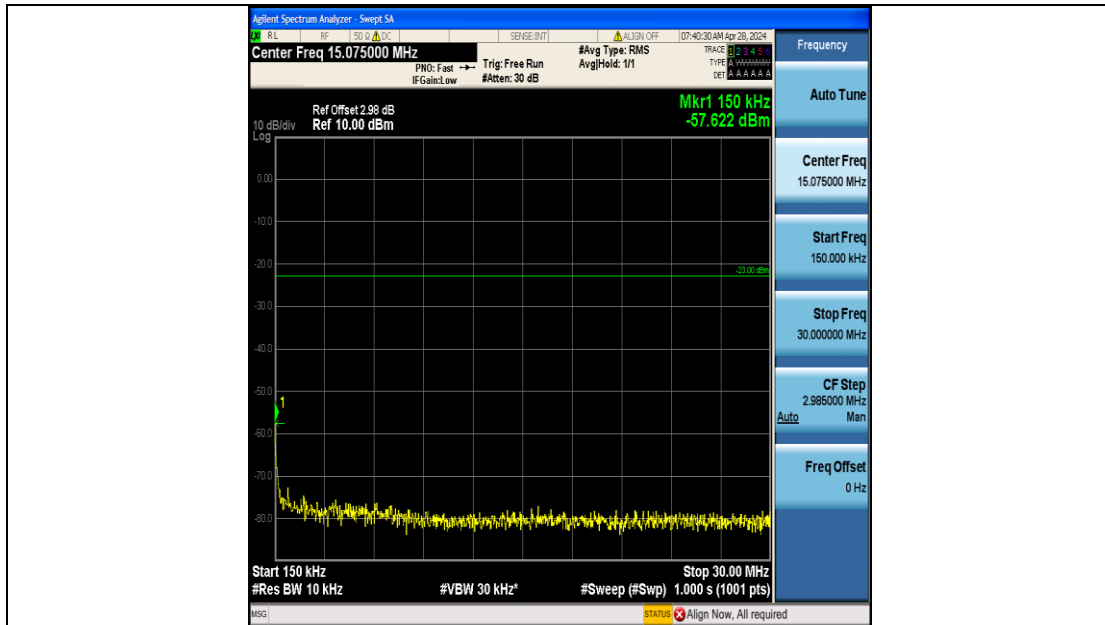
Band17\_10MHz\_16QAM\_23790\_50RB#0\_1000~3000\_1000~3000



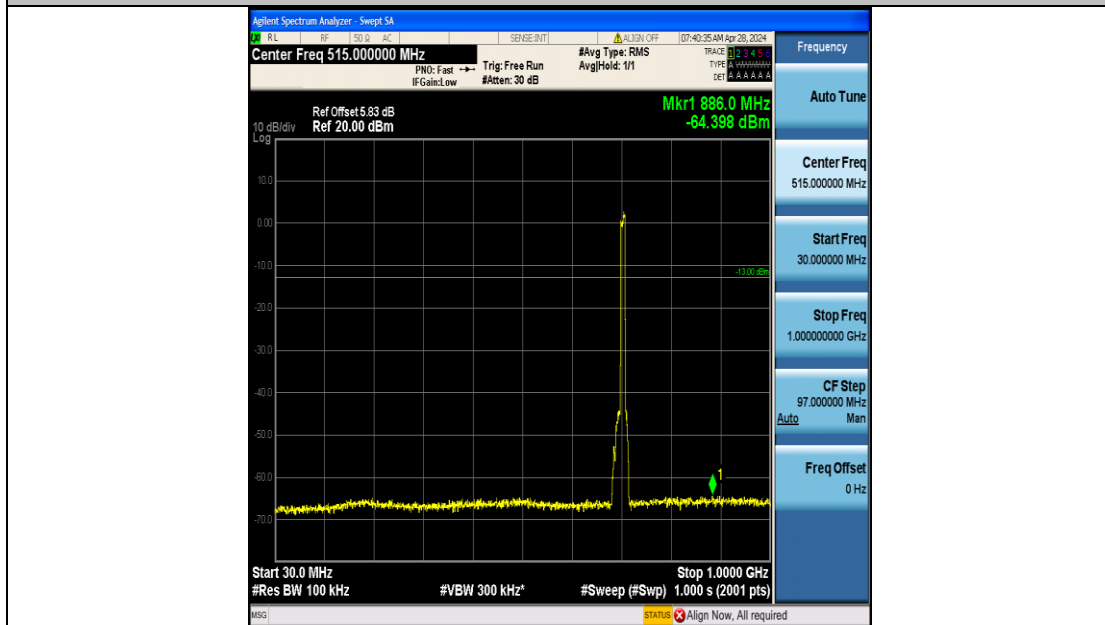
Band17\_10MHz\_16QAM\_23790\_50RB#0\_3000~10000\_3000~10000



Band17\_10MHz\_QPSK\_23800\_50RB#0\_0.009~0.15\_0.009~0.15

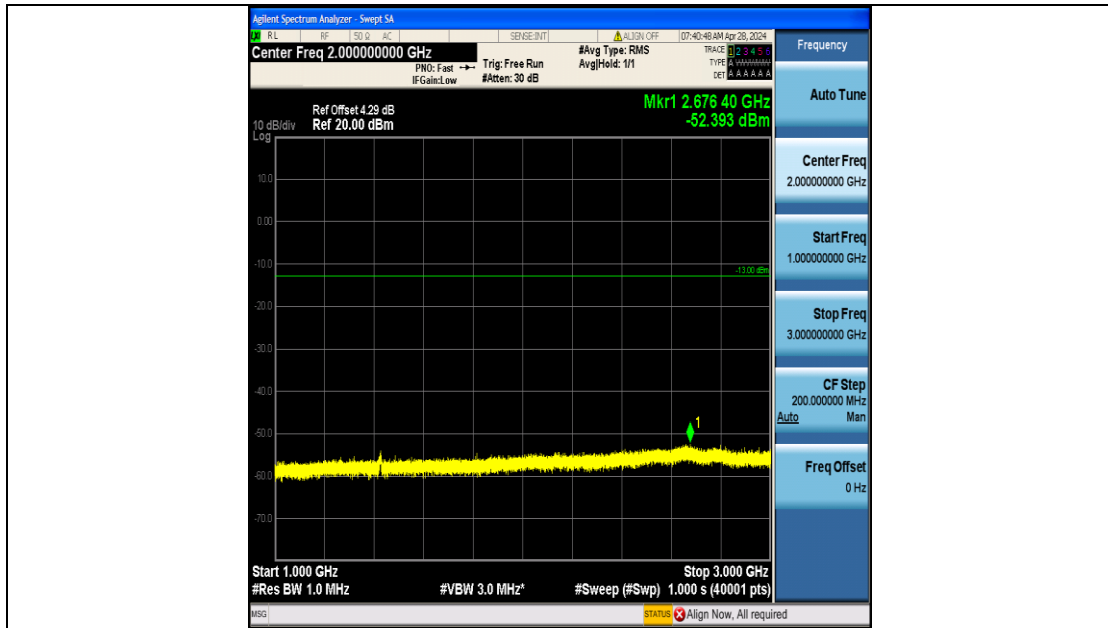


Band17\_10MHz\_QPSK\_23800\_50RB#0\_0.15~30\_0.15~30

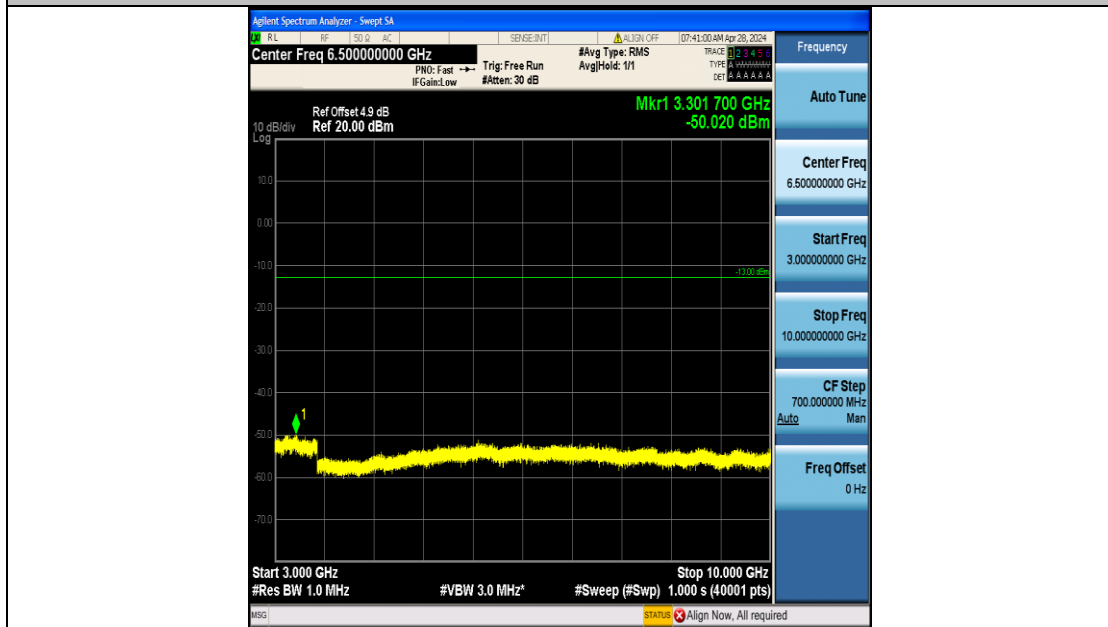


Band17\_10MHz\_QPSK\_23800\_50RB#0\_30~1000\_30~1000

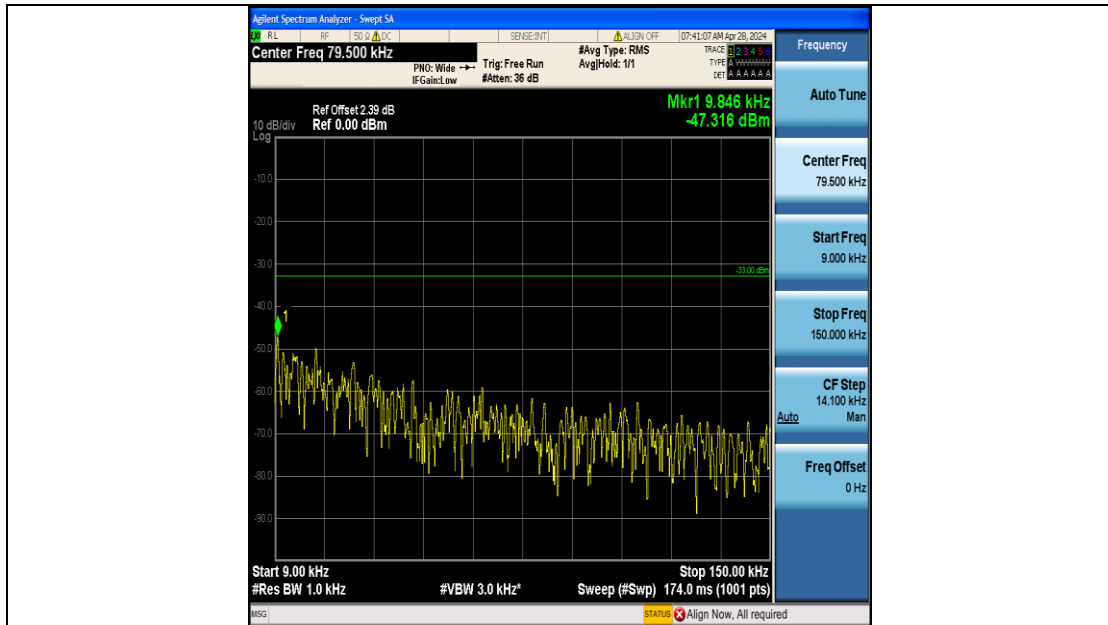




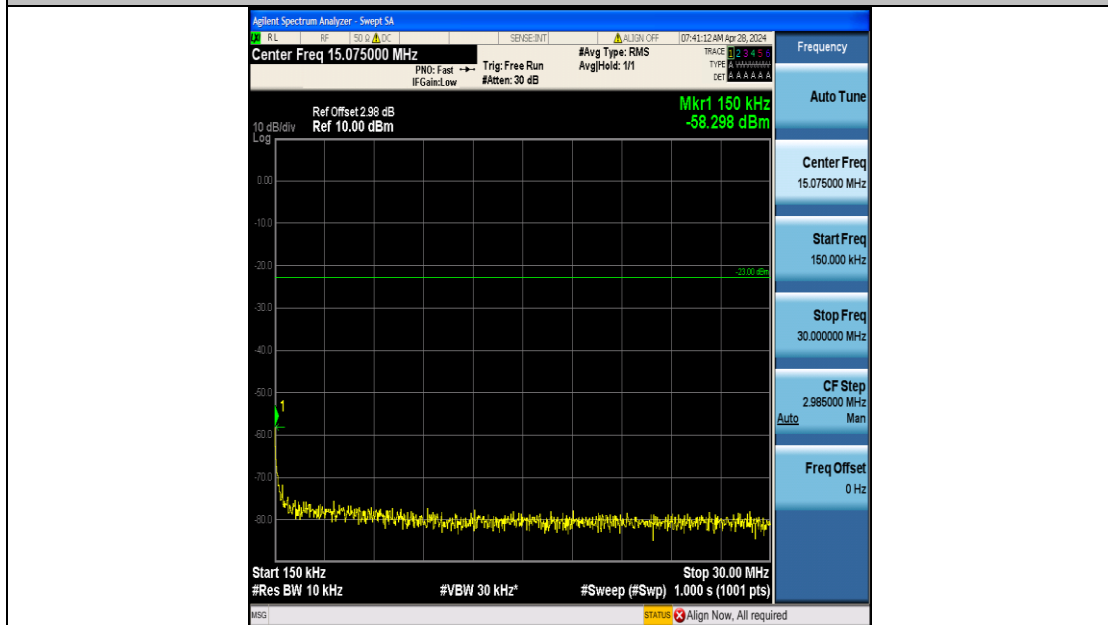
Band17\_10MHz\_QPSK\_23800\_50RB#0\_1000~3000\_1000~3000



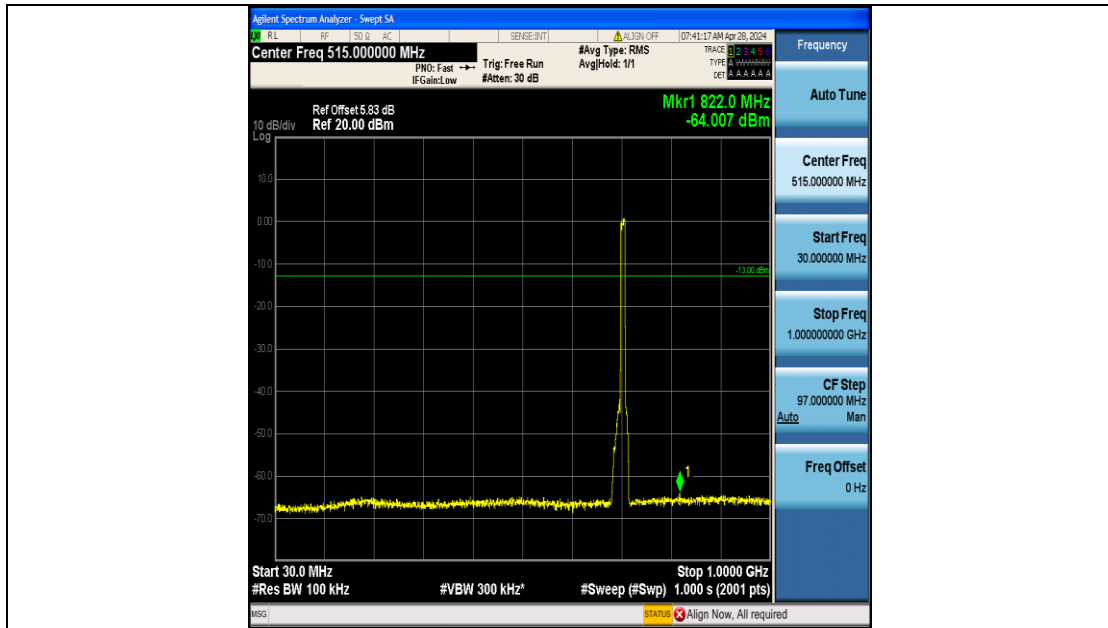
Band17\_10MHz\_QPSK\_23800\_50RB#0\_3000~10000\_3000~10000



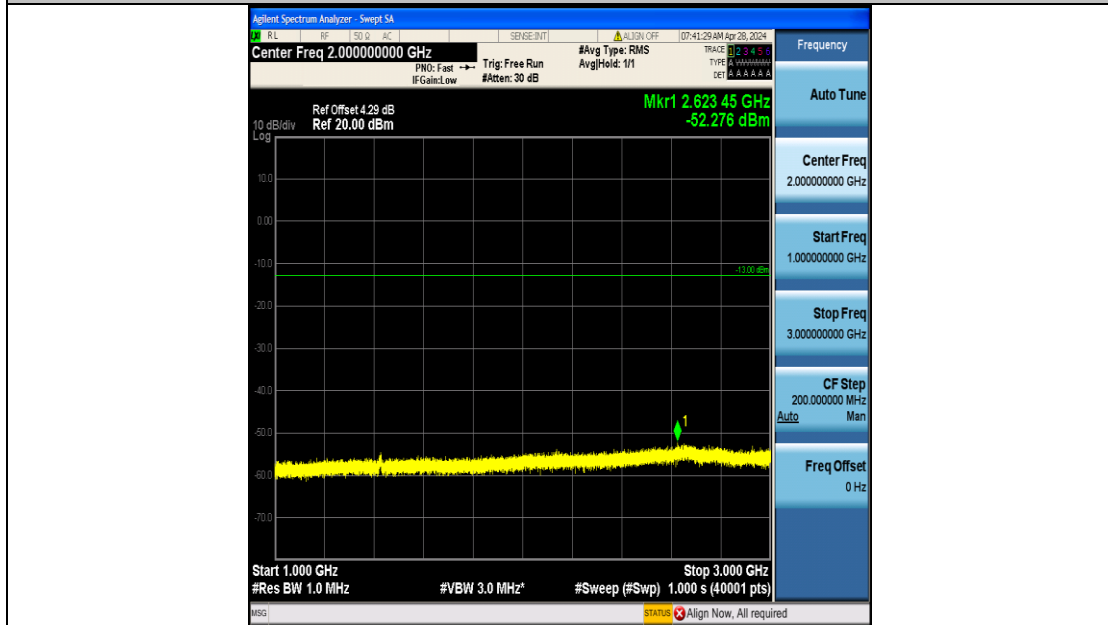
Band17\_10MHz\_16QAM\_23800\_50RB#0\_0.009~0.15\_0.009~0.15



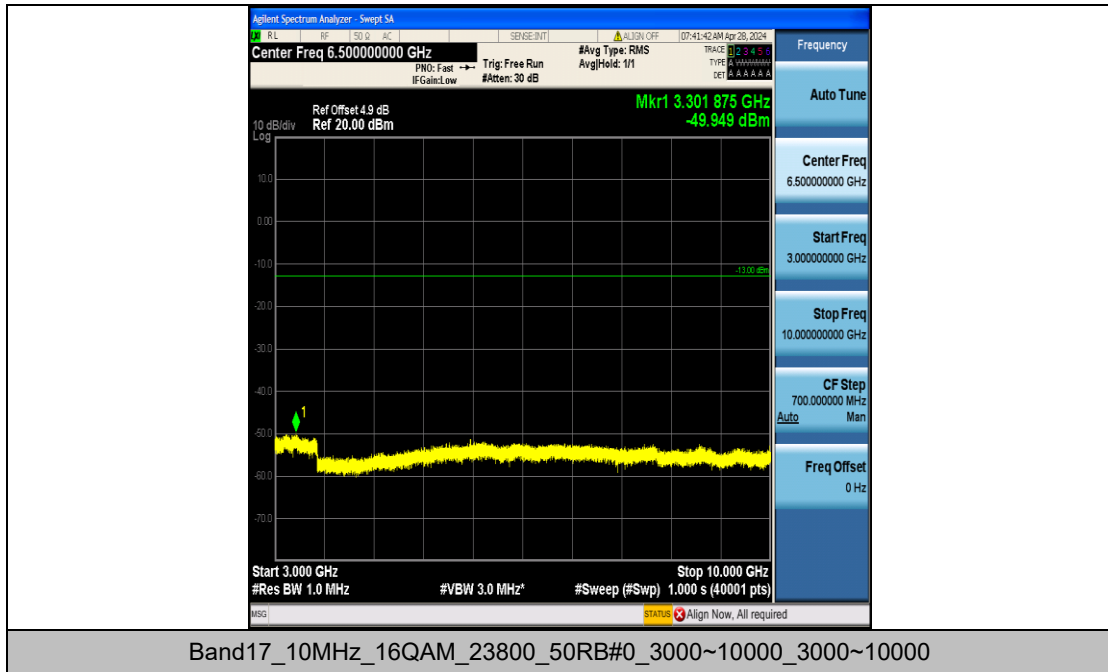
Band17\_10MHz\_16QAM\_23800\_50RB#0\_0.15~30\_0.15~30



Band17\_10MHz\_16QAM\_23800\_50RB#0\_30~1000\_30~1000



Band17\_10MHz\_16QAM\_23800\_50RB#0\_1000~3000\_1000~3000



Band17\_10MHz\_16QAM\_23800\_50RB#0\_3000~10000\_3000~10000

## 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	-4.59	-0.006497	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VL	NT	-12.49	-0.017679	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VH	NT	-11.00	-0.015570	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VN	NT	-20.13	-0.028493	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VL	NT	-17.12	-0.024232	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VH	NT	-11.49	-0.016263	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VN	NT	-53.70	-0.075634	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VL	NT	-28.77	-0.040521	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VH	NT	-44.82	-0.063127	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VN	NT	-2.39	-0.003366	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VL	NT	1.75	0.002465	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VH	NT	-4.08	-0.005746	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VN	NT	-34.95	-0.048984	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VL	NT	-9.44	-0.013231	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VH	NT	-12.80	-0.017940	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VN	NT	-22.03	-0.030876	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VL	NT	-14.45	-0.020252	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VH	NT	-9.66	-0.013539	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VN	NT	-47.25	-0.066643	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VL	NT	-6.07	-0.008561	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VH	NT	-16.77	-0.023653	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VN	NT	-16.52	-0.023300	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VL	NT	-10.47	-0.014767	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VH	NT	-7.57	-0.010677	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	-46.05	-0.064859	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	-11.54	-0.016254	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	-22.10	-0.031127	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VN	NT	-24.25	-0.034155	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VL	NT	-19.87	-0.027986	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VH	NT	-10.50	-0.014789	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VN	NT	-21.21	-0.029831	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VL	NT	-31.94	-0.044923	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VH	NT	-32.37	-0.045527	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VN	NT	-2.63	-0.003699	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VL	NT	9.03	0.012700	±2.5	PASS

Band17	10MHz	16QAM	23800	50RB#0	VH	NT	3.08	0.004332	±2.5	PASS
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Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	NV	-30	-14.29	-0.020226	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-20	-13.52	-0.019137	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-10	-19.60	-0.027742	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	0	-16.26	-0.023015	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	10	-19.13	-0.027077	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	20	-19.40	-0.027459	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	30	-20.80	-0.029441	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	40	-8.11	-0.011479	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	50	-15.35	-0.021727	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-30	-21.40	-0.030290	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-20	-16.22	-0.022958	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-10	-21.69	-0.030701	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	0	-15.15	-0.021444	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	10	-11.84	-0.016759	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	20	-10.43	-0.014763	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	30	-16.05	-0.022718	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	40	-15.65	-0.022151	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	50	-16.79	-0.023765	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-30	-50.54	-0.071183	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-20	15.36	0.021634	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-10	9.47	0.013338	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	0	7.32	0.010310	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	10	7.71	0.010859	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	20	6.67	0.009394	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	30	7.31	0.010296	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	40	7.07	0.009958	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	50	-1.83	-0.002577	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-30	8.53	0.012014	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-20	-7.72	-0.010873	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-10	-1.72	-0.002423	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	0	-1.03	-0.001451	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	10	-6.61	-0.009310	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	20	-3.52	-0.004958	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	30	-9.87	-0.013901	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	40	-8.71	-0.012268	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	50	-2.15	-0.003028	±2.5	PASS

Band17	5MHz	QPSK	23825	25RB#0	NV	-30	-14.02	-0.019650	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-20	-14.95	-0.020953	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-10	-27.08	-0.037954	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	0	-13.90	-0.019481	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	10	-23.82	-0.033385	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	20	-18.00	-0.025228	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	30	-17.07	-0.023924	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	40	-16.06	-0.022509	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	50	-19.81	-0.027765	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-30	-18.07	-0.025326	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-20	-18.47	-0.025886	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-10	-15.44	-0.021640	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	0	-17.38	-0.024359	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	10	-13.58	-0.019033	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	20	-19.05	-0.026699	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	30	-13.60	-0.019061	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	40	-11.69	-0.016384	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	50	-14.20	-0.019902	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	-13.90	-0.019605	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	-9.11	-0.012849	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-10	-10.66	-0.015035	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	-13.55	-0.019111	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	-11.30	-0.015938	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	-19.63	-0.027687	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	30	-18.47	-0.026051	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	40	-14.76	-0.020818	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	50	-7.48	-0.010550	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-30	-9.34	-0.013173	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	-6.38	-0.008999	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-10	-14.18	-0.020000	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	-8.00	-0.011283	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	-13.06	-0.018420	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	-14.48	-0.020423	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	30	-17.25	-0.024330	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	40	-5.14	-0.007250	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	50	-12.25	-0.017278	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	-16.55	-0.023310	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	-11.56	-0.016282	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	-22.80	-0.032113	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	-13.90	-0.019577	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	-21.19	-0.029845	±2.5	PASS

Band17	10MHz	QPSK	23790	50RB#0	NV	20	-26.87	-0.037845	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-21.10	-0.029718	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-24.60	-0.034648	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	-19.17	-0.027000	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-30	-22.69	-0.031958	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	-12.96	-0.018254	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-10	-17.37	-0.024465	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	-12.33	-0.017366	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	-8.07	-0.011366	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	-17.47	-0.024606	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	30	-19.44	-0.027380	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	40	-15.55	-0.021901	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	50	-18.58	-0.026169	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-30	-47.85	-0.067300	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	-44.29	-0.062293	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-10	-47.98	-0.067482	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	10.14	0.014262	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	10	10.16	0.014290	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	11.16	0.015696	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	30	7.87	0.011069	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	40	11.01	0.015485	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	50	8.18	0.011505	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-30	14.49	0.020380	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	12.33	0.017342	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-10	10.51	0.014782	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	13.22	0.018594	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	6.38	0.008973	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	11.40	0.016034	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	30	15.74	0.022138	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	40	11.17	0.015710	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	12.03	0.016920	±2.5	PASS