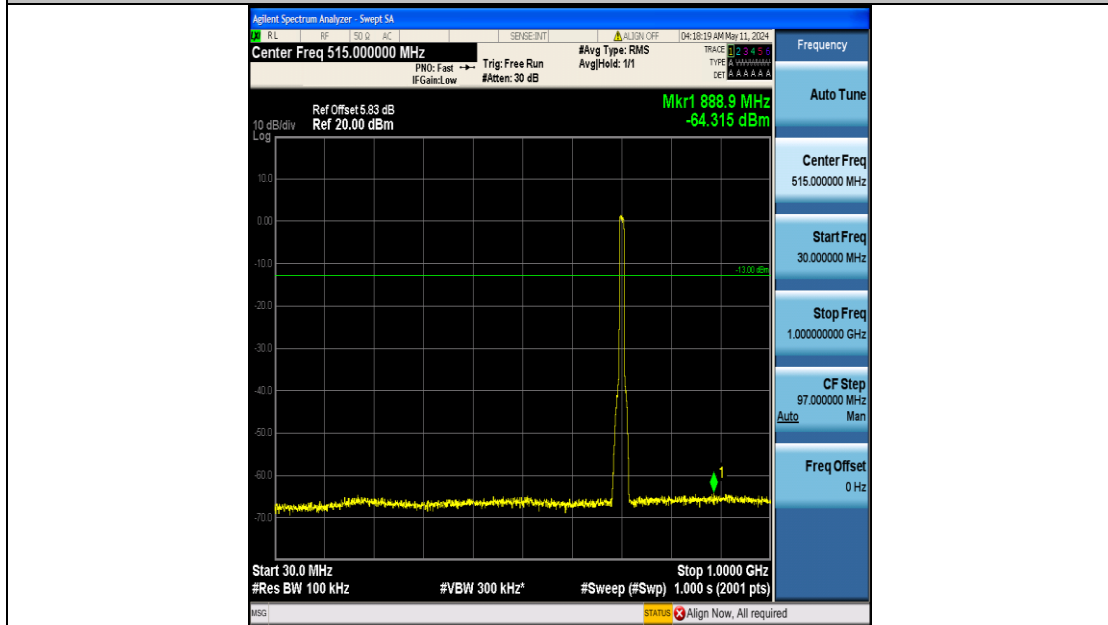
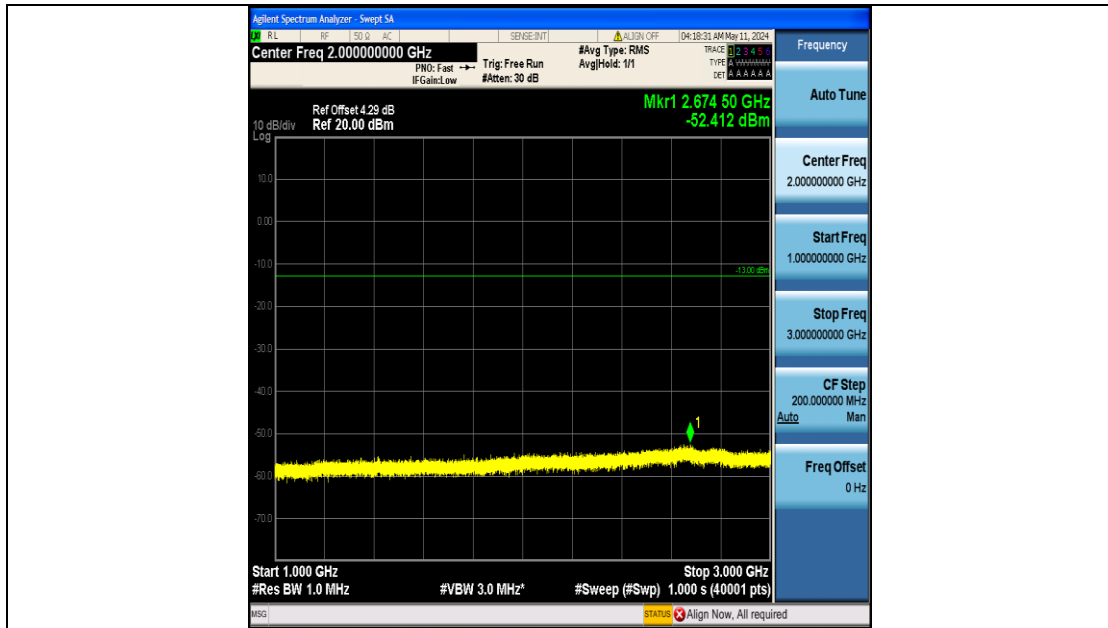


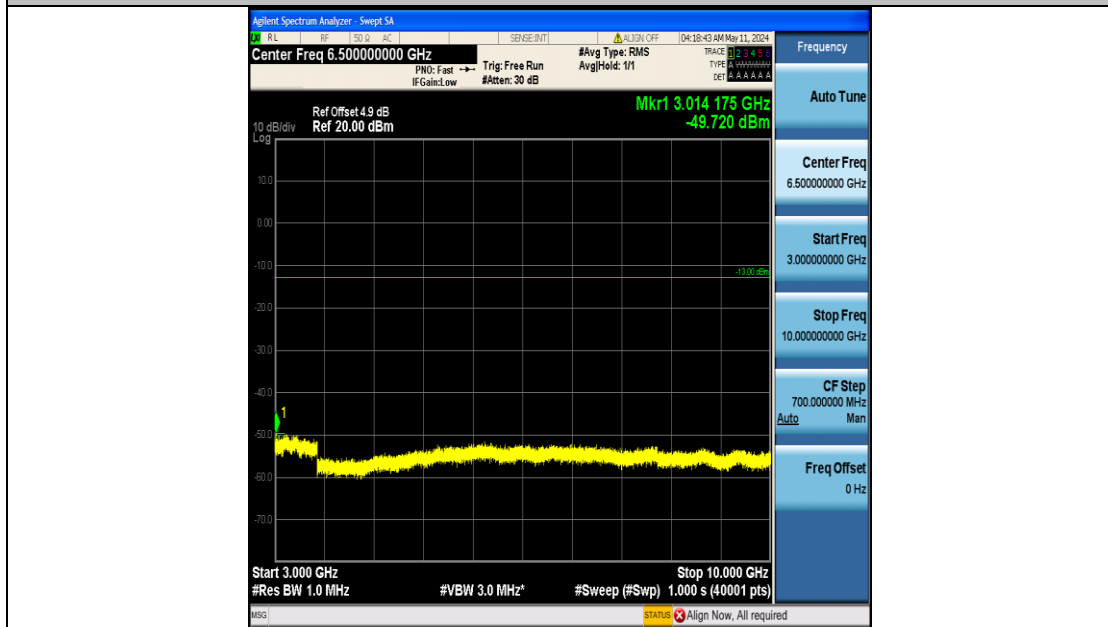
Band17\_10MHz\_QPSK\_23780\_50RB#0\_0.15~30\_0.15~30



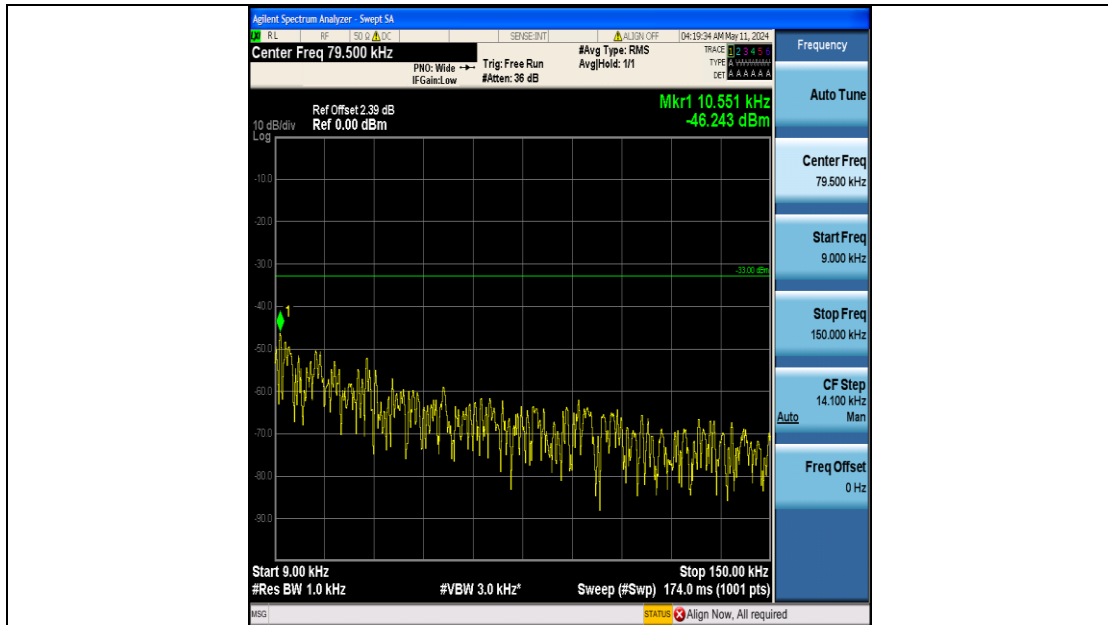
Band17\_10MHz\_QPSK\_23780\_50RB#0\_30~1000\_30~1000



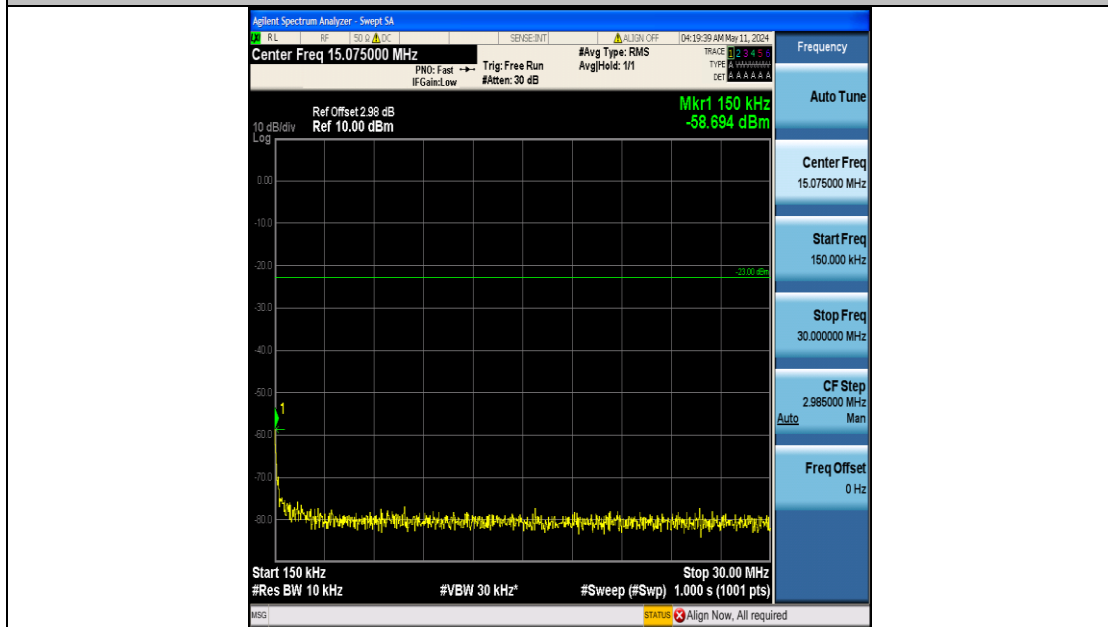
Band17\_10MHz\_QPSK\_23780\_50RB#0\_1000~3000\_1000~3000



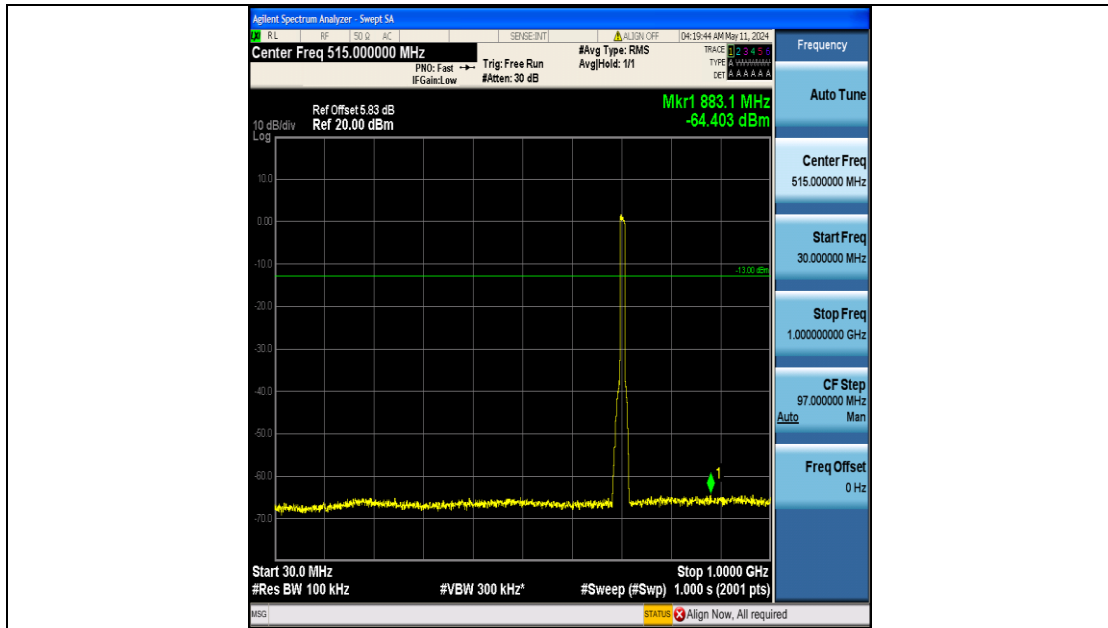
Band17\_10MHz\_QPSK\_23780\_50RB#0\_3000~10000\_3000~10000



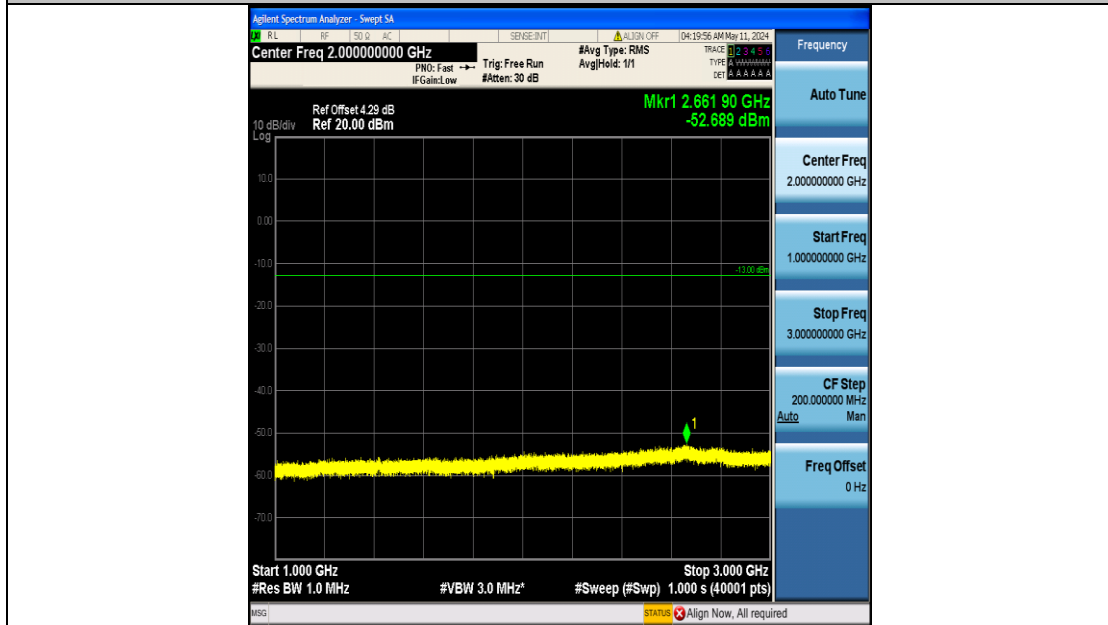
Band17\_10MHz\_QPSK\_23790\_50RB#0\_0.009~0.15\_0.009~0.15



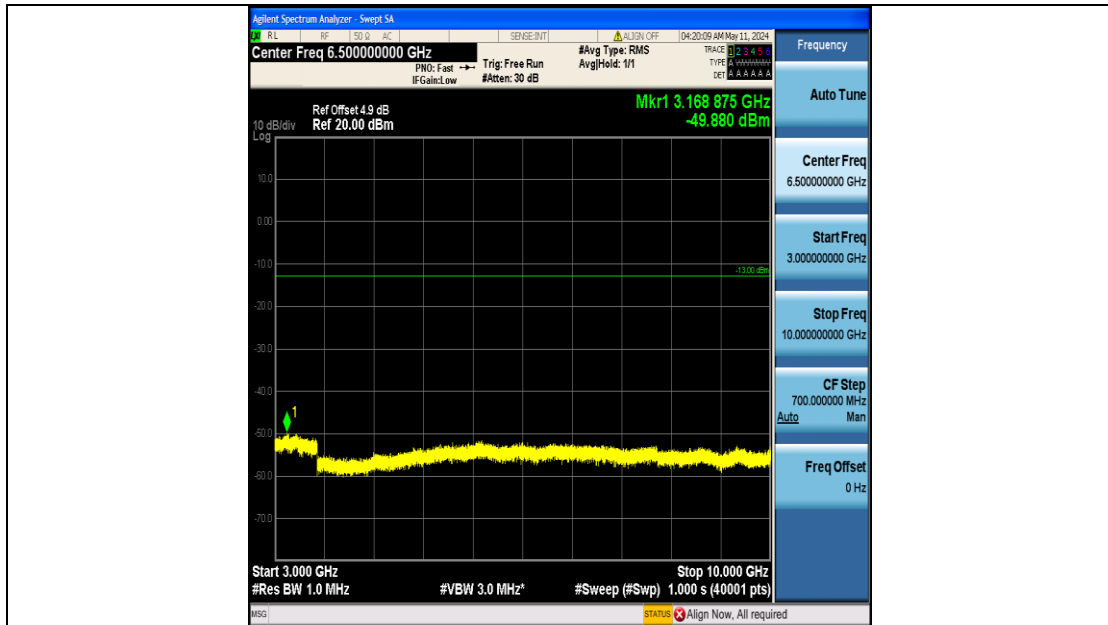
Band17\_10MHz\_QPSK\_23790\_50RB#0\_0.15~30\_0.15~30



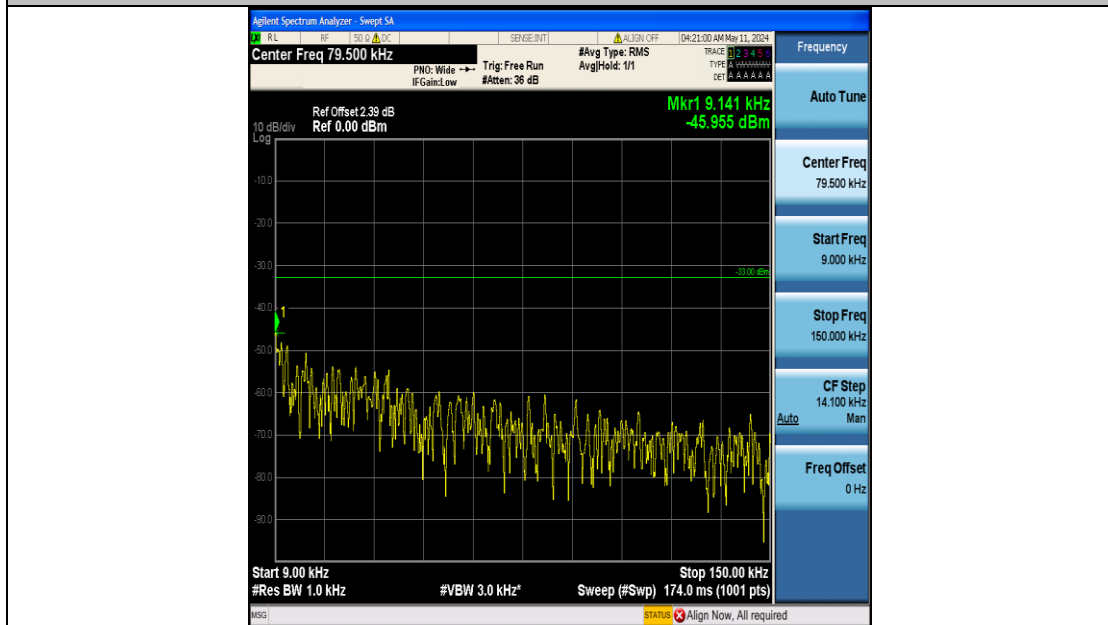
Band17\_10MHz\_QPSK\_23790\_50RB#0\_30~1000\_30~1000



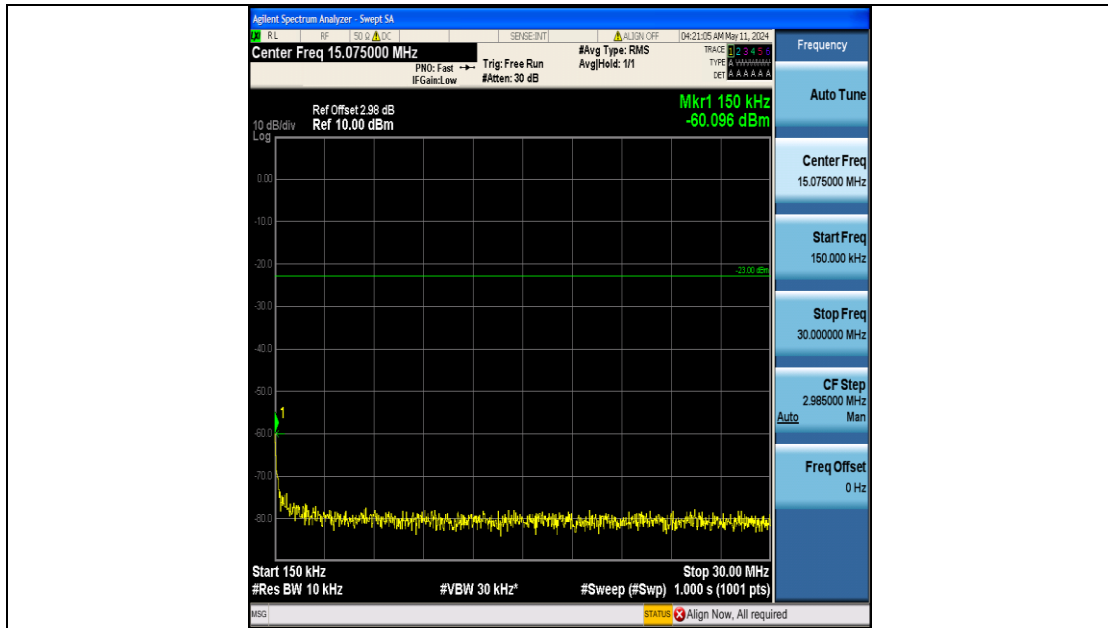
Band17\_10MHz\_QPSK\_23790\_50RB#0\_1000~3000\_1000~3000



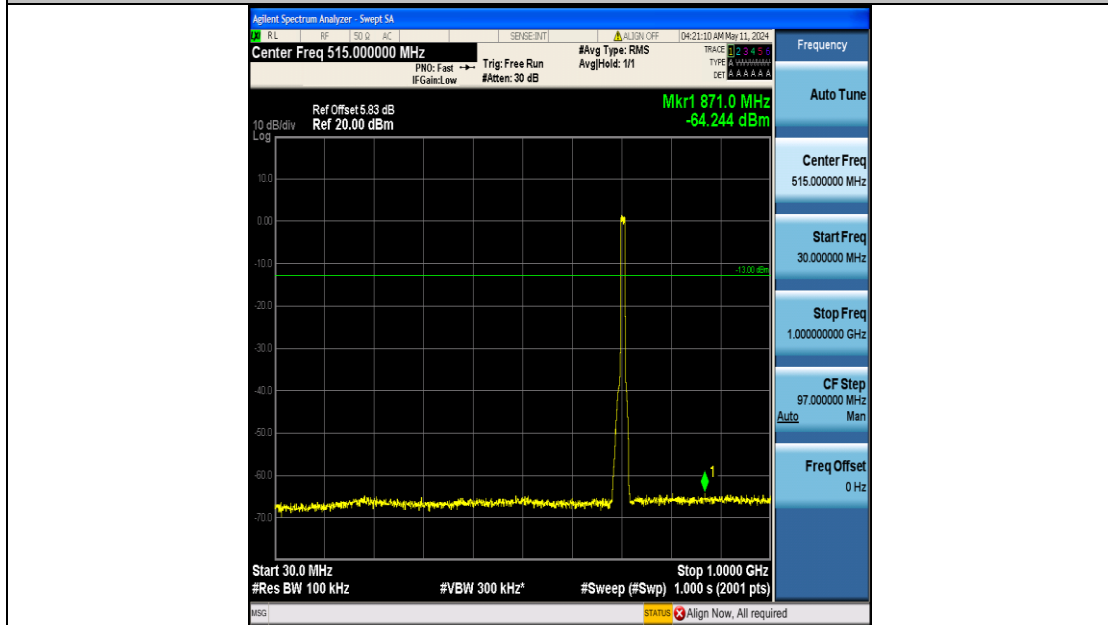
Band17\_10MHz\_QPSK\_23790\_50RB#0\_3000~10000\_3000~10000



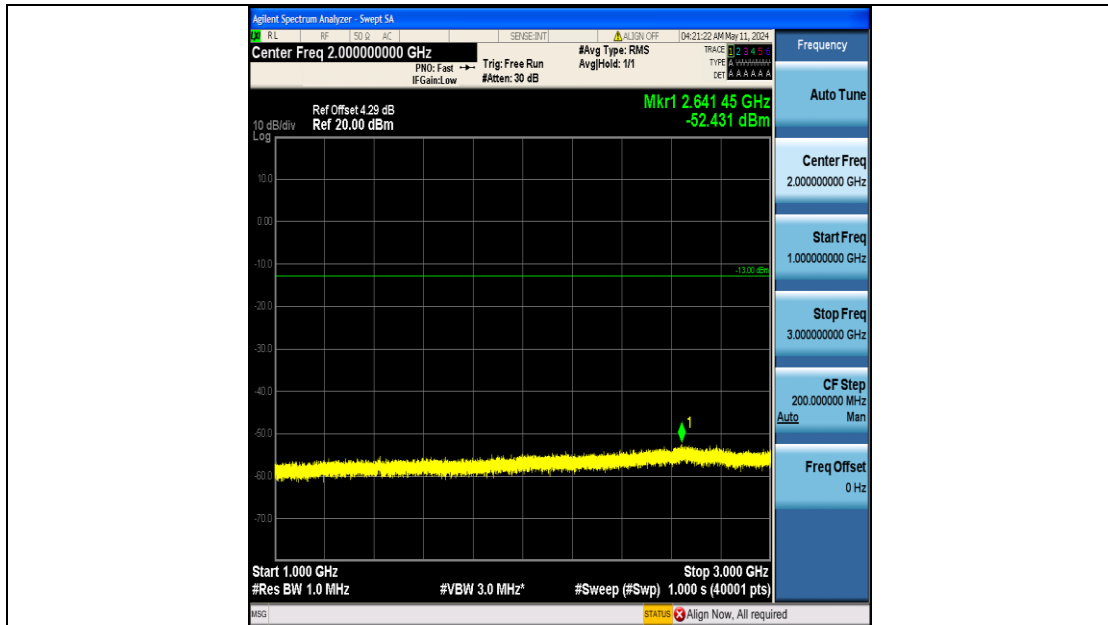
Band17\_10MHz\_QPSK\_23800\_50RB#0\_0.009~0.15\_0.009~0.15



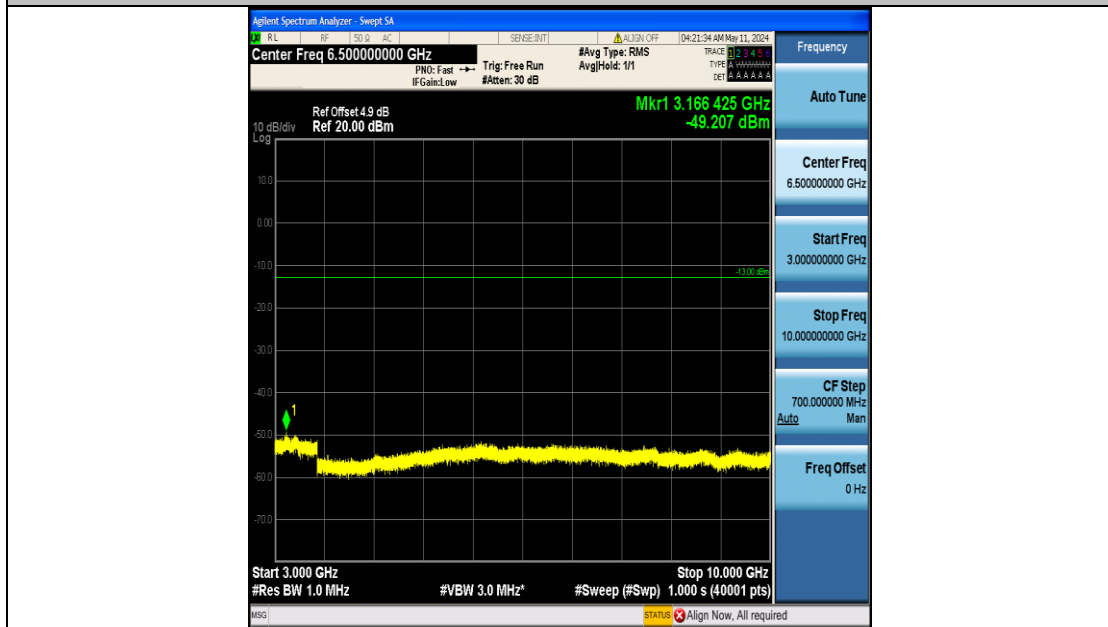
Band17\_10MHz\_QPSK\_23800\_50RB#0\_0.15~30\_0.15~30



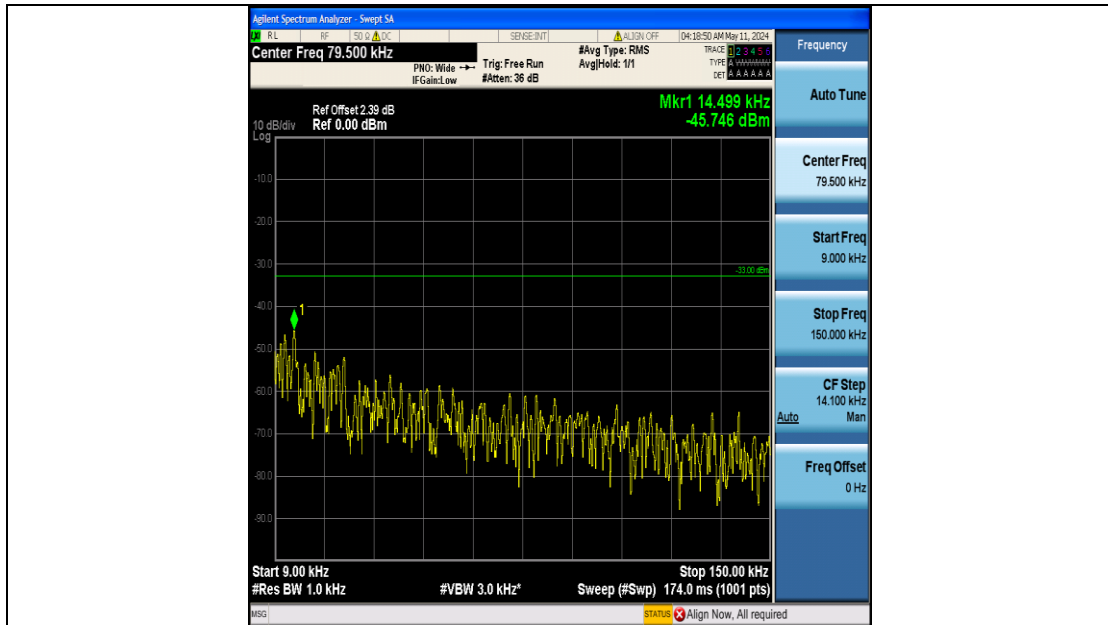
Band17\_10MHz\_QPSK\_23800\_50RB#0\_30~1000\_30~1000



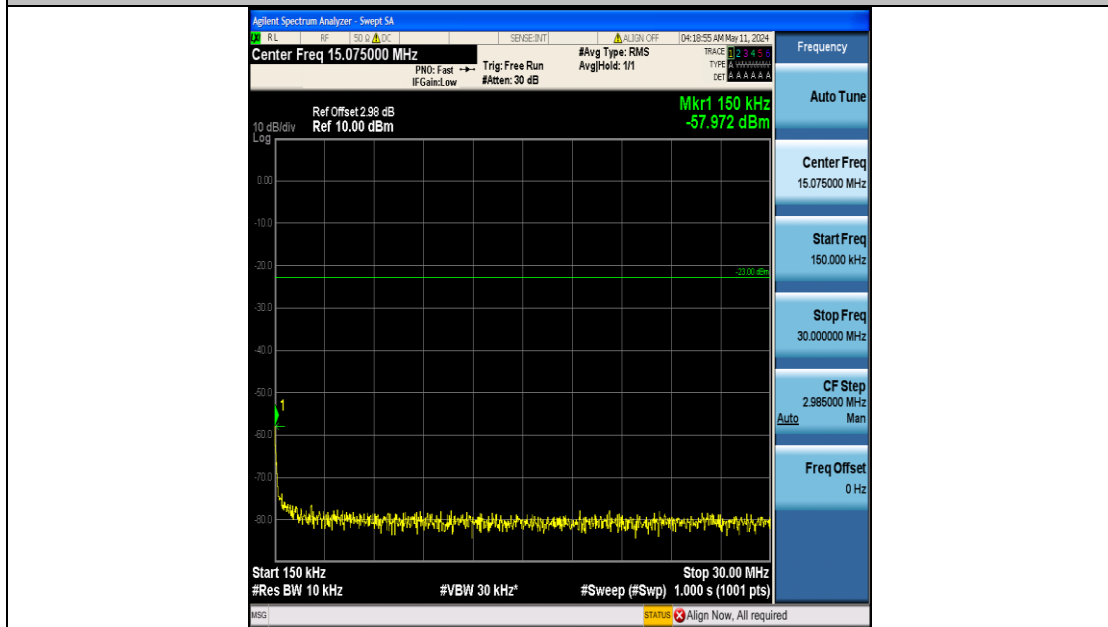
Band17\_10MHz\_QPSK\_23800\_50RB#0\_1000~3000\_1000~3000



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

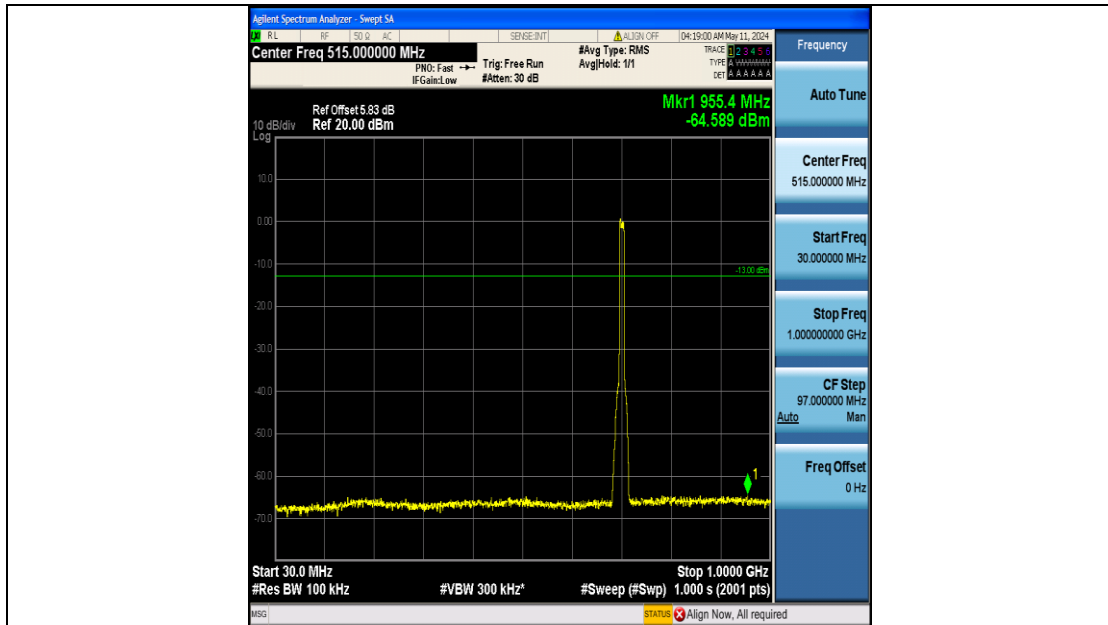


Band17\_10MHz\_16QAM\_23780\_50RB#0\_0.009~0.15\_0.009~0.15

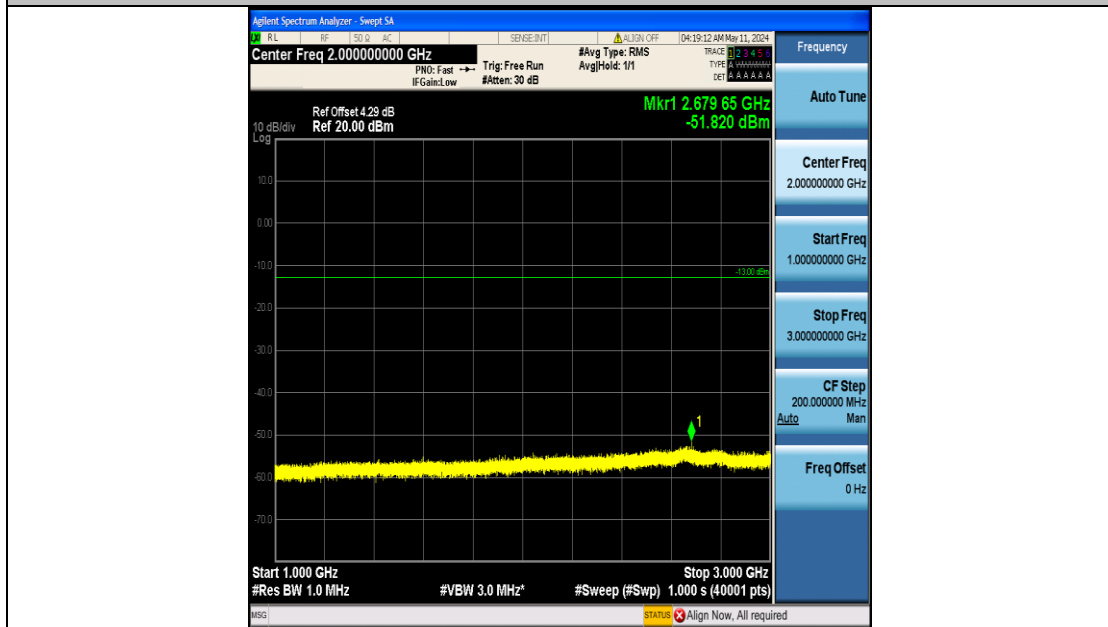


Band17\_10MHz\_16QAM\_23780\_50RB#0\_0.15~30\_0.15~30

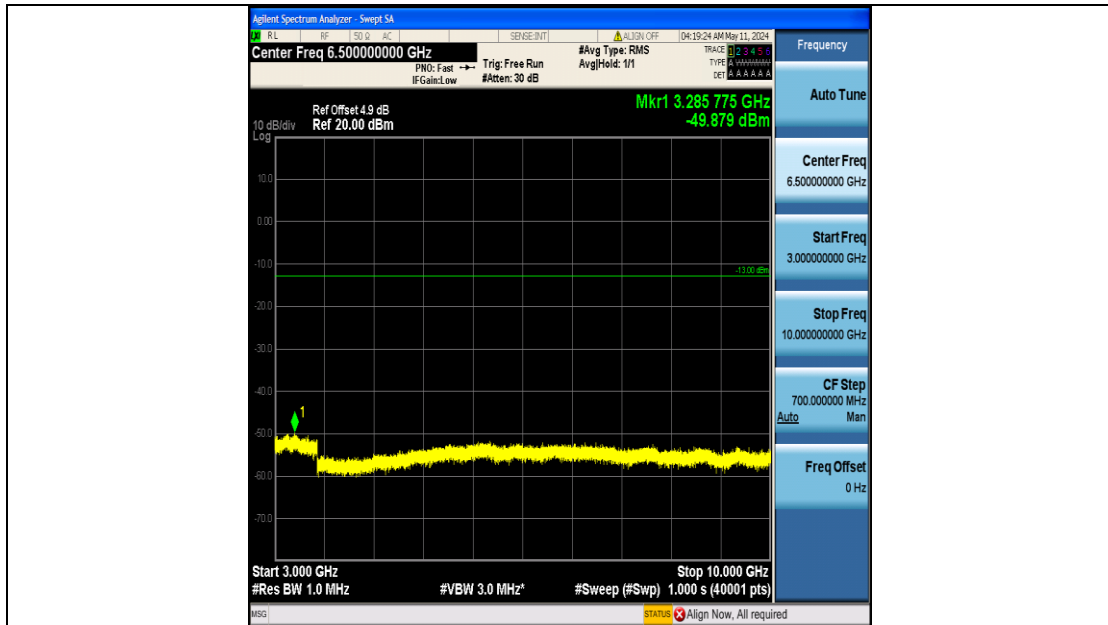




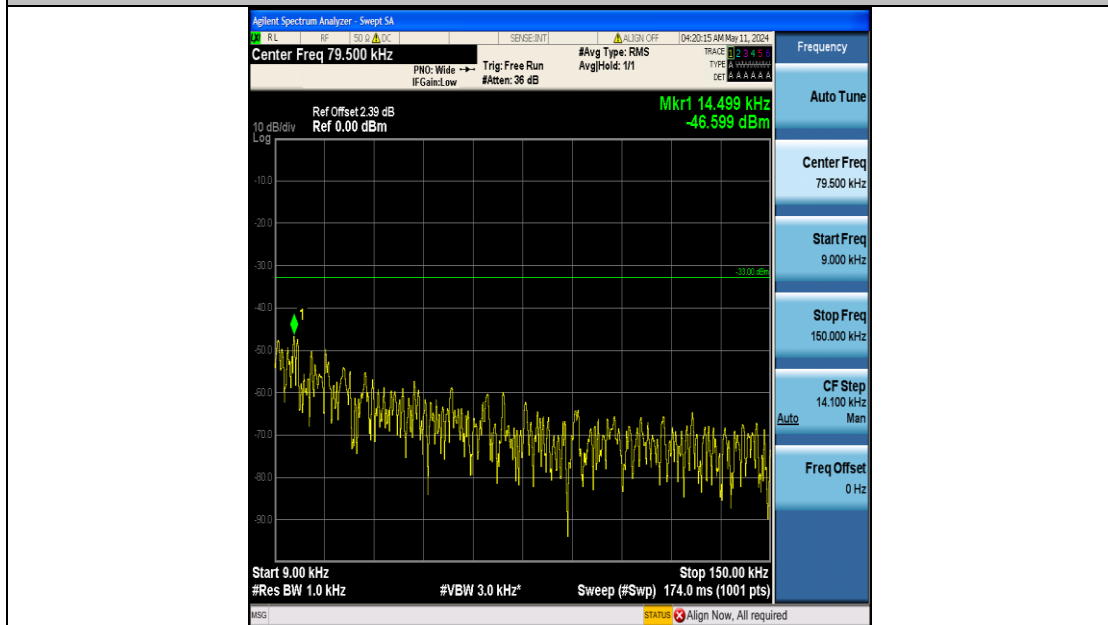
Band17\_10MHz\_16QAM\_23780\_50RB#0\_30~1000\_30~1000



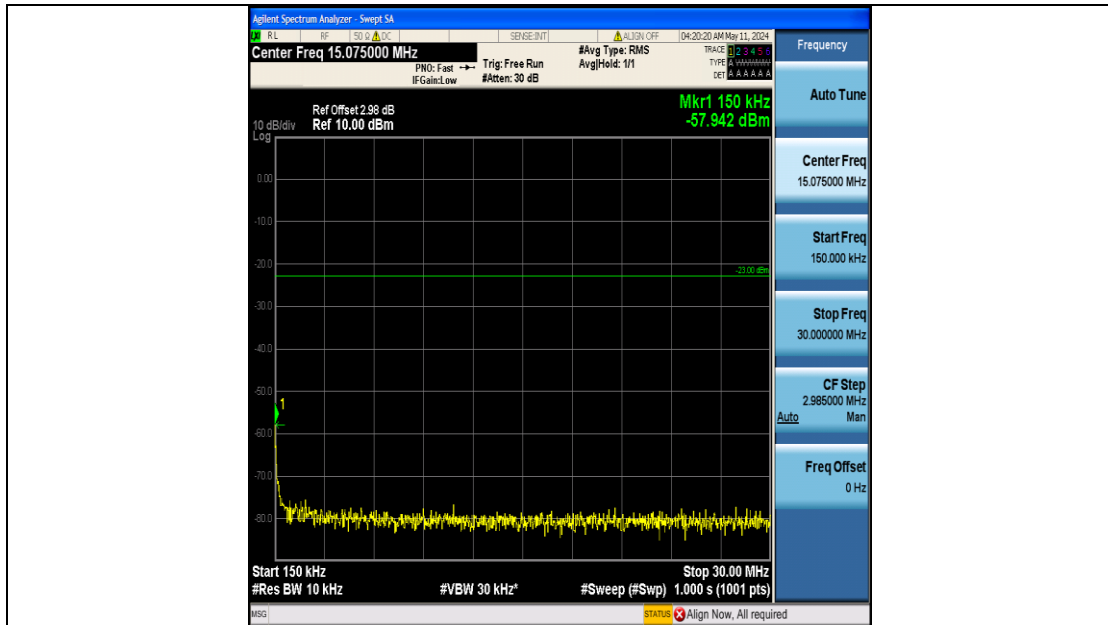
Band17\_10MHz\_16QAM\_23780\_50RB#0\_1000~3000\_1000~3000



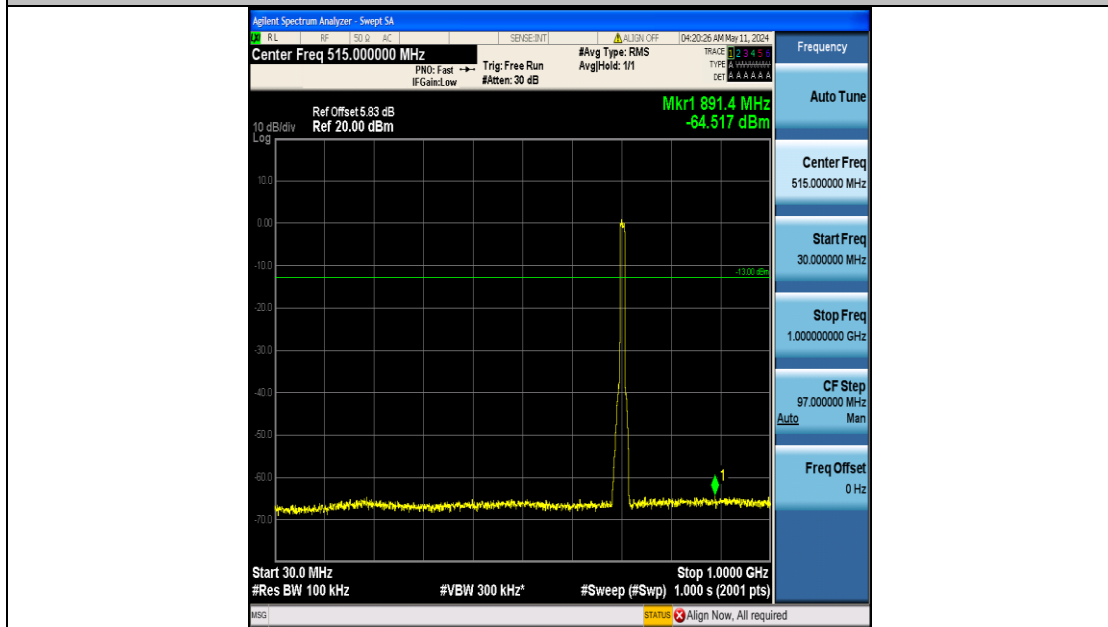
Band17\_10MHz\_16QAM\_23780\_50RB#0\_3000~10000\_3000~10000



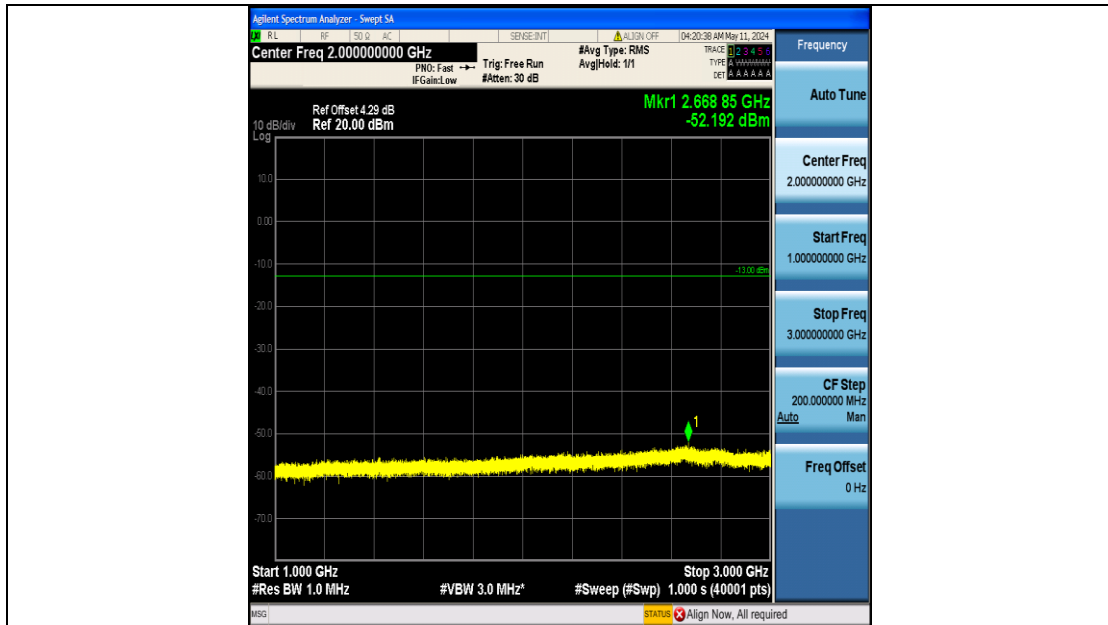
Band17\_10MHz\_16QAM\_23790\_50RB#0\_0.009~0.15\_0.009~0.15



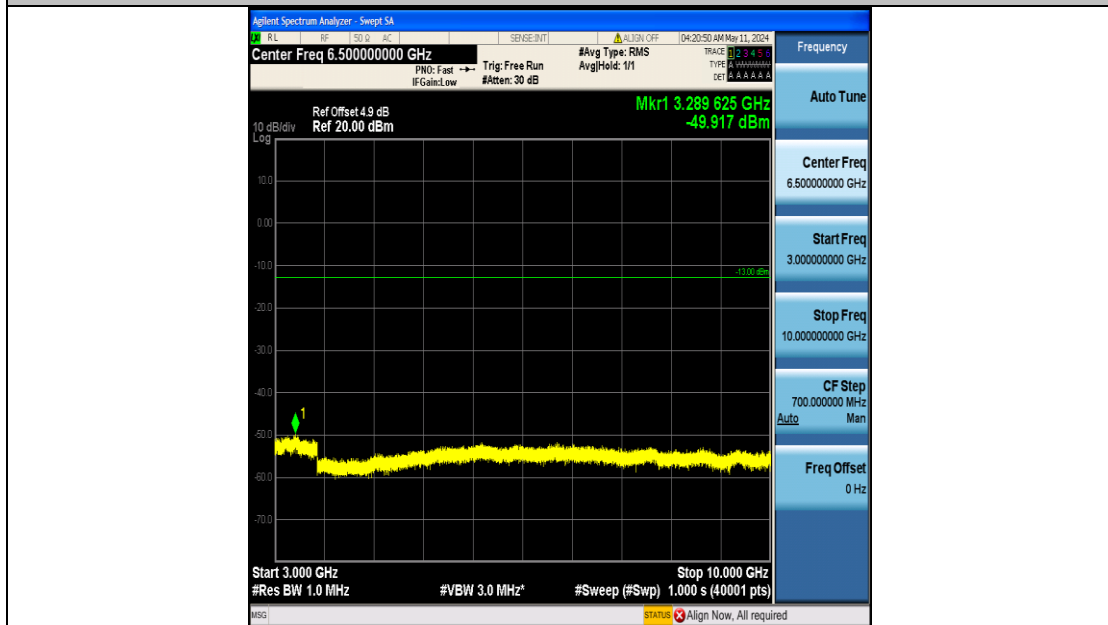
Band17\_10MHz\_16QAM\_23790\_50RB#0\_0.15~30\_0.15~30



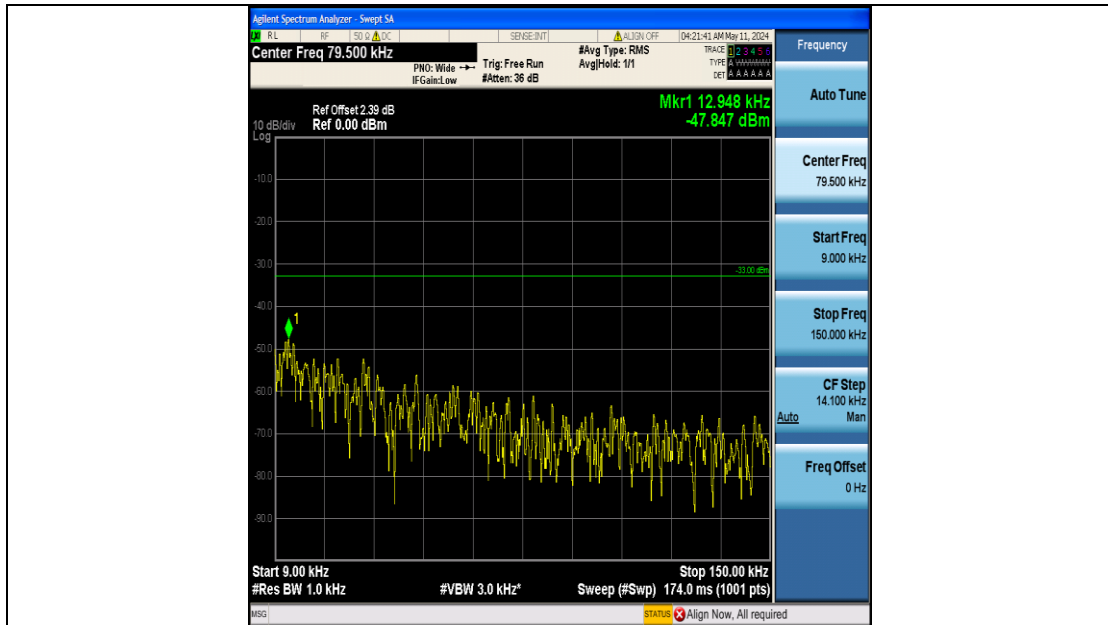
Band17\_10MHz\_16QAM\_23790\_50RB#0\_30~1000\_30~1000



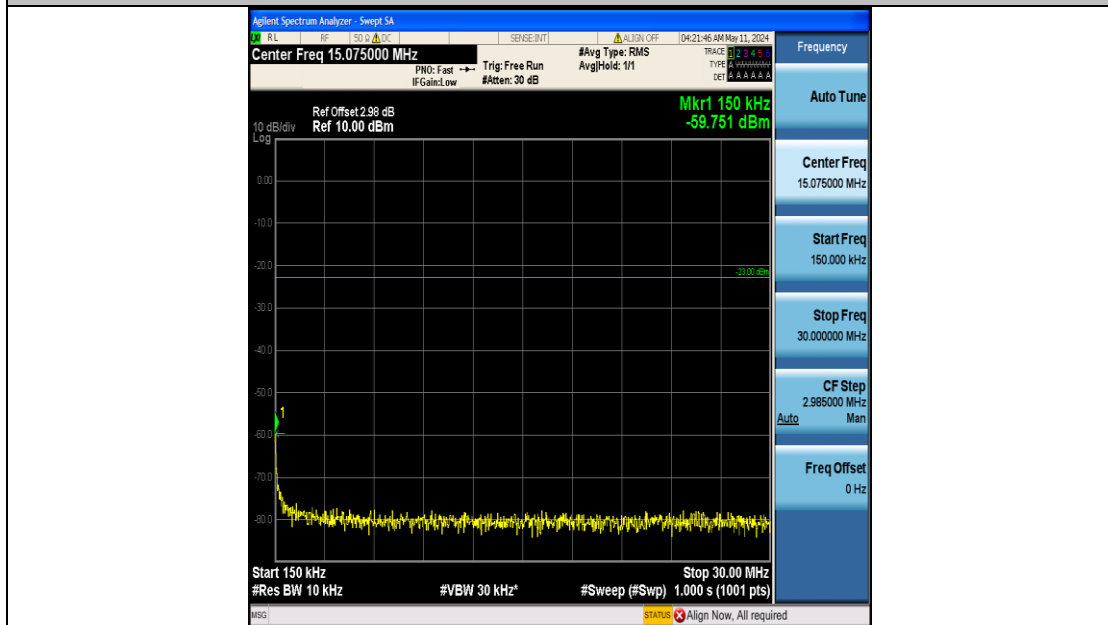
Band17\_10MHz\_16QAM\_23790\_50RB#0\_1000~3000\_1000~3000



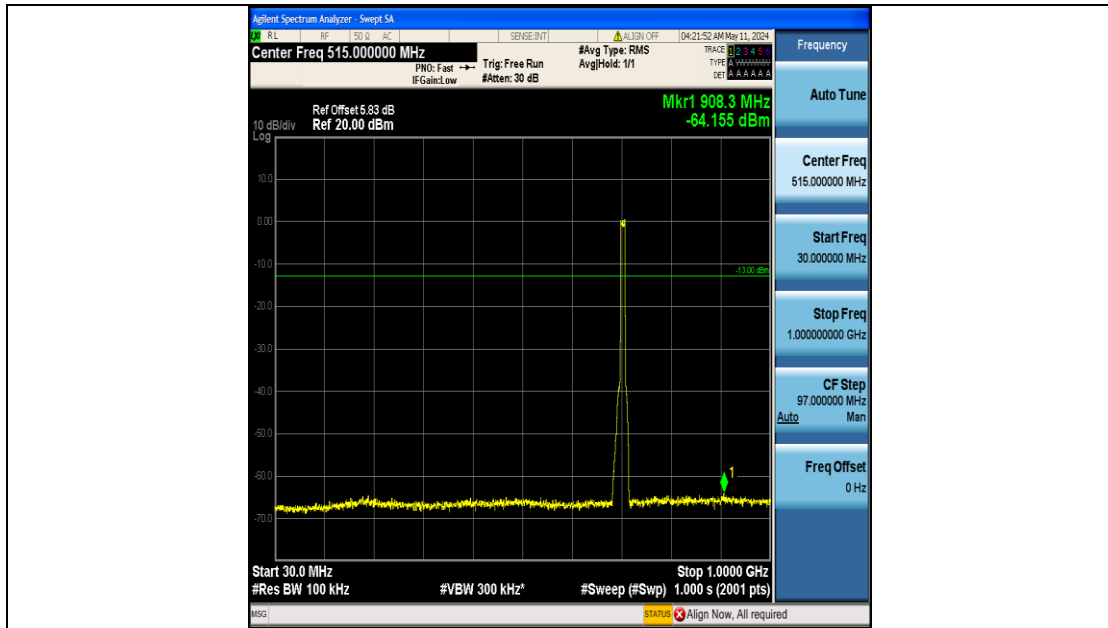
Band17\_10MHz\_16QAM\_23790\_50RB#0\_3000~10000\_3000~10000



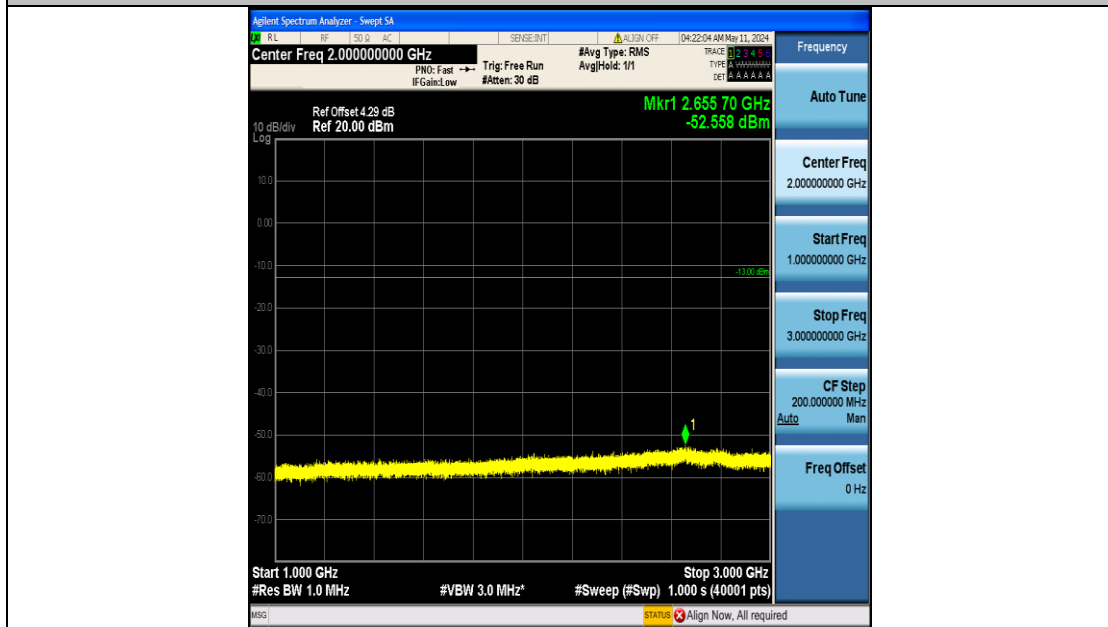
Band17\_10MHz\_16QAM\_23800\_50RB#0\_0.009~0.15\_0.009~0.15



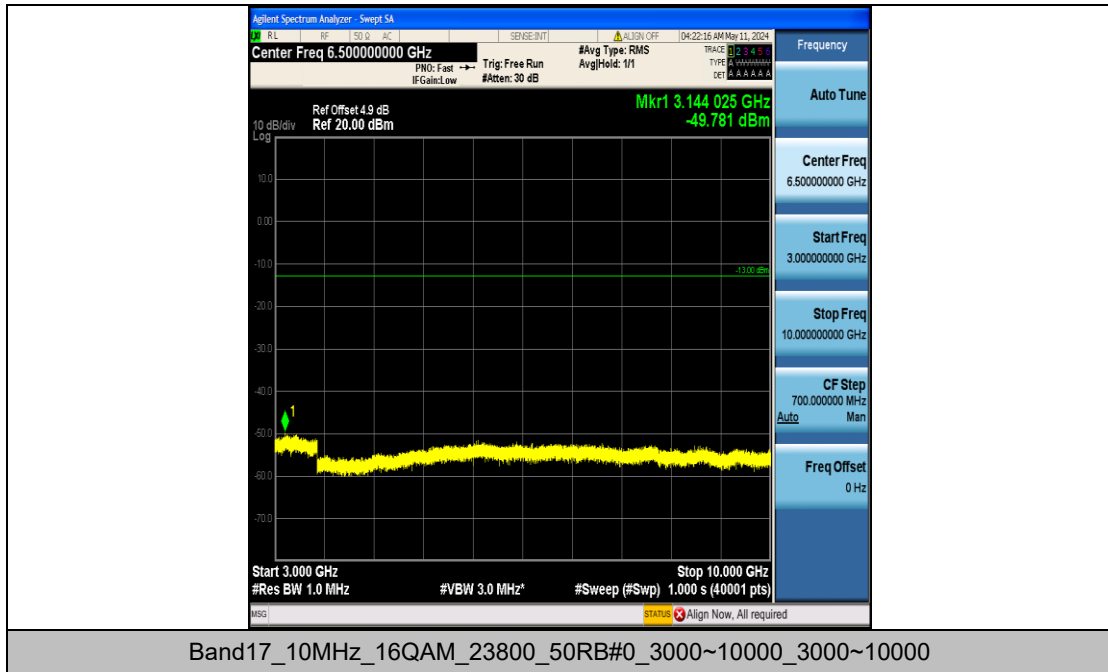
Band17\_10MHz\_16QAM\_23800\_50RB#0\_0.15~30\_0.15~30



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	-9.38	-0.013277	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VL	NT	-1.37	-0.001939	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VH	NT	3.95	0.005591	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VN	NT	2.22	0.003127	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VL	NT	-4.88	-0.006873	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VH	NT	-3.82	-0.005380	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VN	NT	-4.63	-0.006489	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VL	NT	-7.27	-0.010189	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VH	NT	-0.89	-0.001247	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VN	NT	4.69	0.006638	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VL	NT	4.12	0.005832	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VH	NT	2.29	0.003241	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VN	NT	1.52	0.002141	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VL	NT	2.66	0.003746	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VH	NT	-4.05	-0.005704	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VN	NT	-2.20	-0.003083	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VL	NT	-5.74	-0.008045	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VH	NT	-4.75	-0.006657	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VN	NT	-5.19	-0.007320	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VL	NT	4.19	0.005910	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VH	NT	2.40	0.003385	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	3.23	0.004549	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	-1.50	-0.002113	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	-3.25	-0.004577	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VN	NT	-4.38	-0.006160	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VL	NT	-4.01	-0.005640	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VH	NT	1.62	0.002278	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VN	NT	-3.73	-0.005261	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VL	NT	-2.72	-0.003836	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VH	NT	-2.98	-0.004203	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VN	NT	-2.16	-0.003042	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VL	NT	-3.29	-0.004634	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VH	NT	1.85	0.002606	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VN	NT	1.53	0.002152	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VL	NT	2.36	0.003319	±2.5	PASS



Band17	10MHz	16QAM	23800	50RB#0	VH	NT	1.77	0.002489	±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	2.19	0.003100	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-20	3.06	0.004331	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-10	1.42	0.002010	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	0	3.20	0.004529	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	10	-2.09	-0.002958	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	20	-2.06	-0.002916	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	30	1.85	0.002619	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	40	2.66	0.003765	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	50	-3.00	-0.004246	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-30	2.35	0.003310	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-20	-3.73	-0.005254	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-10	1.89	0.002662	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	0	-3.00	-0.004225	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	10	2.20	0.003099	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	20	1.85	0.002606	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	30	-3.29	-0.004634	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	40	-3.06	-0.004310	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	50	-1.02	-0.001437	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-30	-3.19	-0.004471	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-20	-3.72	-0.005214	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-10	-1.60	-0.002242	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	0	-3.72	-0.005214	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	10	-2.72	-0.003812	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	20	-5.56	-0.007793	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	30	-4.56	-0.006391	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	40	-2.92	-0.004093	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	50	-2.33	-0.003266	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-30	-1.82	-0.002576	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-20	-2.56	-0.003623	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-10	4.05	0.005732	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	0	-2.88	-0.004076	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	10	3.72	0.005265	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	20	-2.95	-0.004176	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	30	3.56	0.005039	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	40	3.09	0.004374	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	50	3.29	0.004657	±2.5	PASS

Band17	5MHz	16QAM	23790	25RB#0	NV	-30	-3.85	-0.005423	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-20	1.90	0.002676	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-10	-2.00	-0.002817	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	0	-2.19	-0.003085	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	10	-3.69	-0.005197	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	20	-2.83	-0.003986	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	30	-3.49	-0.004915	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	40	3.00	0.004225	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	50	3.66	0.005155	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-30	-2.17	-0.003041	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-20	-2.42	-0.003392	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-10	-2.39	-0.003350	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	0	-3.19	-0.004471	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	10	-2.29	-0.003210	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	20	2.47	0.003462	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	30	-4.33	-0.006069	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	40	-3.81	-0.005340	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	50	2.75	0.003854	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	1.90	0.002680	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	-2.88	-0.004062	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-10	-1.70	-0.002398	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	2.36	0.003329	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	-3.66	-0.005162	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	-1.90	-0.002680	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	30	-2.05	-0.002891	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	40	-1.87	-0.002638	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	50	2.25	0.003173	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	1.19	0.001676	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	-1.72	-0.002423	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	-3.10	-0.004366	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	-3.60	-0.005070	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	4.32	0.006085	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-1.86	-0.002620	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-1.43	-0.002014	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-3.15	-0.004437	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	-1.79	-0.002521	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-30	-2.17	-0.003052	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	-3.65	-0.005134	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-10	-1.60	-0.002250	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	2.40	0.003376	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	10	-3.00	-0.004219	±2.5	PASS

Band17	10MHz	QPSK	23800	50RB#0	NV	20	-2.39	-0.003361	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	30	-2.19	-0.003080	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	40	1.70	0.002391	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	50	-1.63	-0.002293	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-30	-2.53	-0.003568	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	-4.53	-0.006389	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-10	-1.66	-0.002341	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	-2.03	-0.002863	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	-1.90	-0.002680	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	-2.66	-0.003752	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	30	-2.79	-0.003935	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	40	-2.98	-0.004203	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	50	-2.39	-0.003371	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-30	-0.93	-0.001310	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	-2.29	-0.003225	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-10	-3.58	-0.005042	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	-3.98	-0.005606	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	2.99	0.004211	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	2.63	0.003704	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	30	-2.68	-0.003775	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	40	1.77	0.002493	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	50	-4.09	-0.005761	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-30	-3.72	-0.005232	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	2.13	0.002996	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-10	-1.27	-0.001786	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	-2.85	-0.004008	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	2.99	0.004205	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	-2.55	-0.003586	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	30	-2.29	-0.003221	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	40	-3.03	-0.004262	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	3.62	0.005091	±2.5	PASS