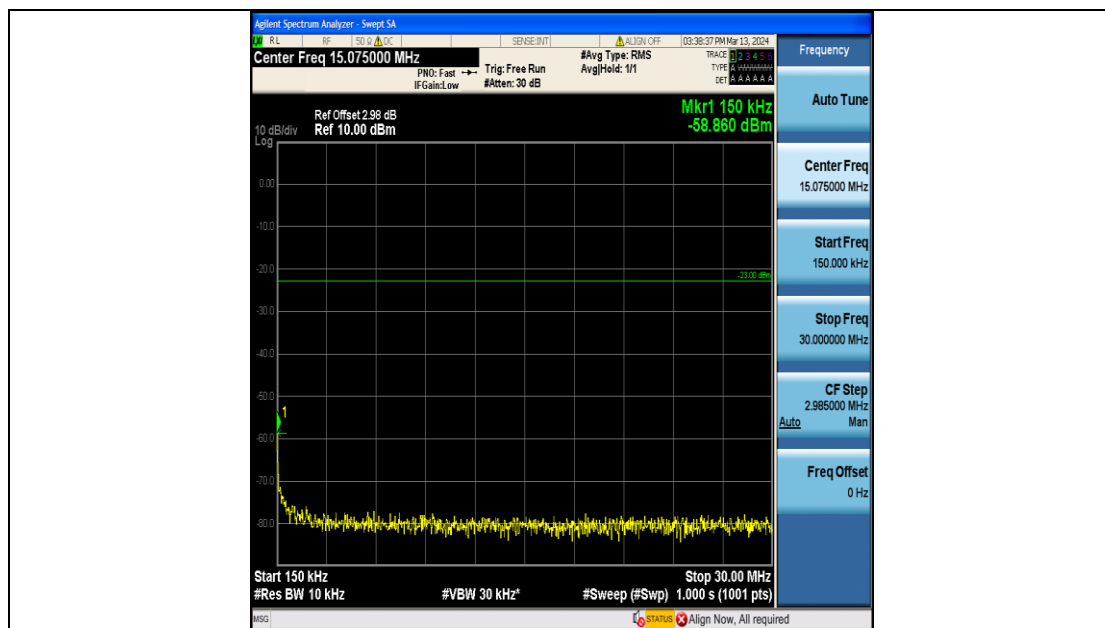
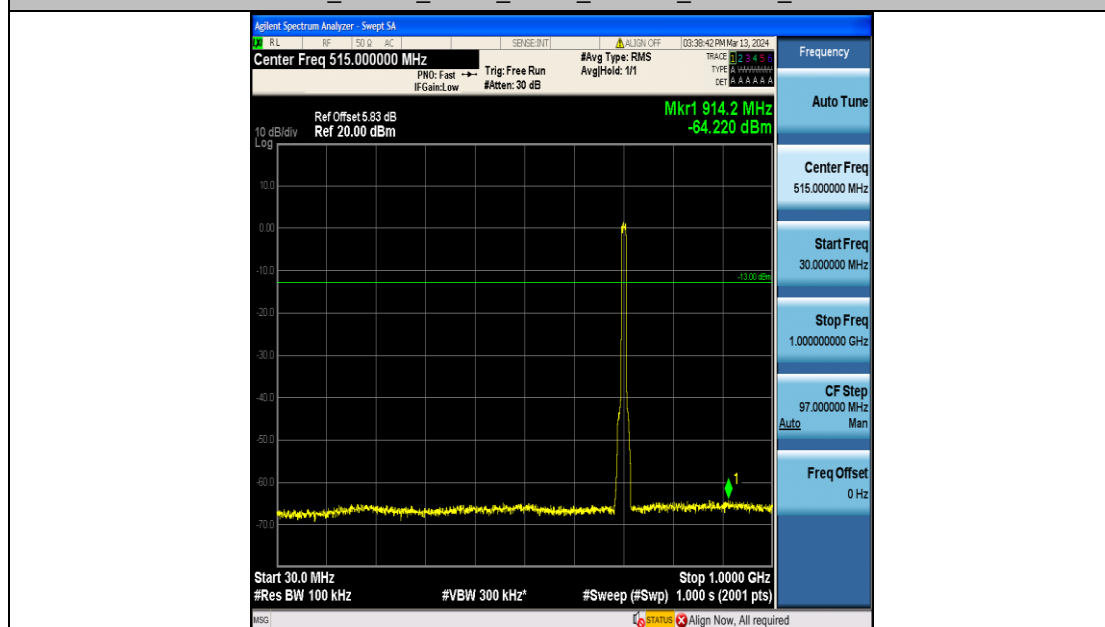
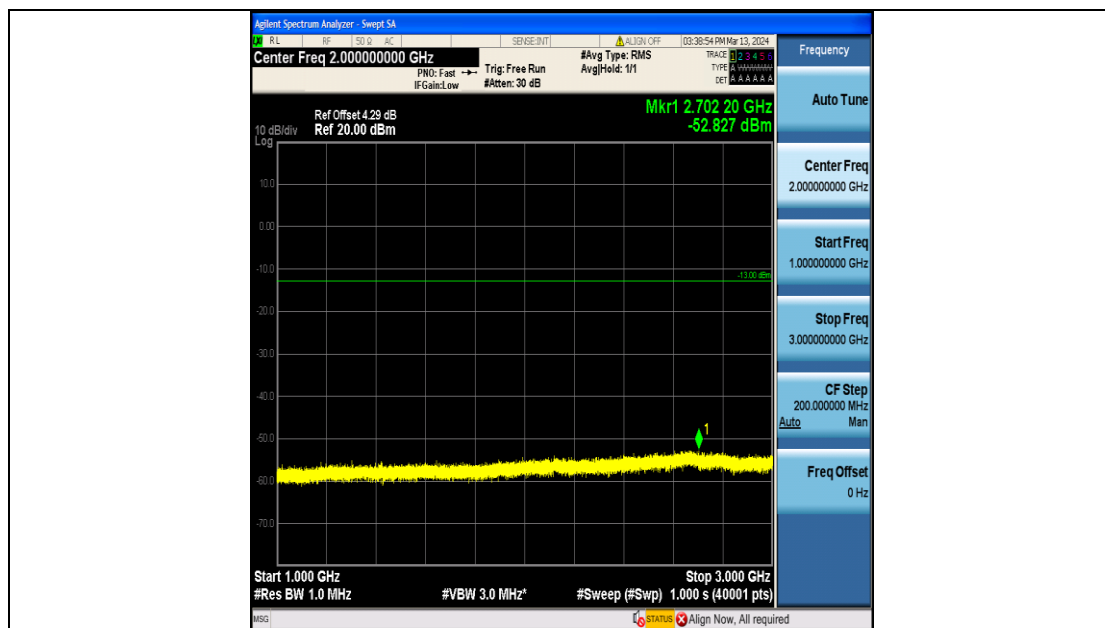




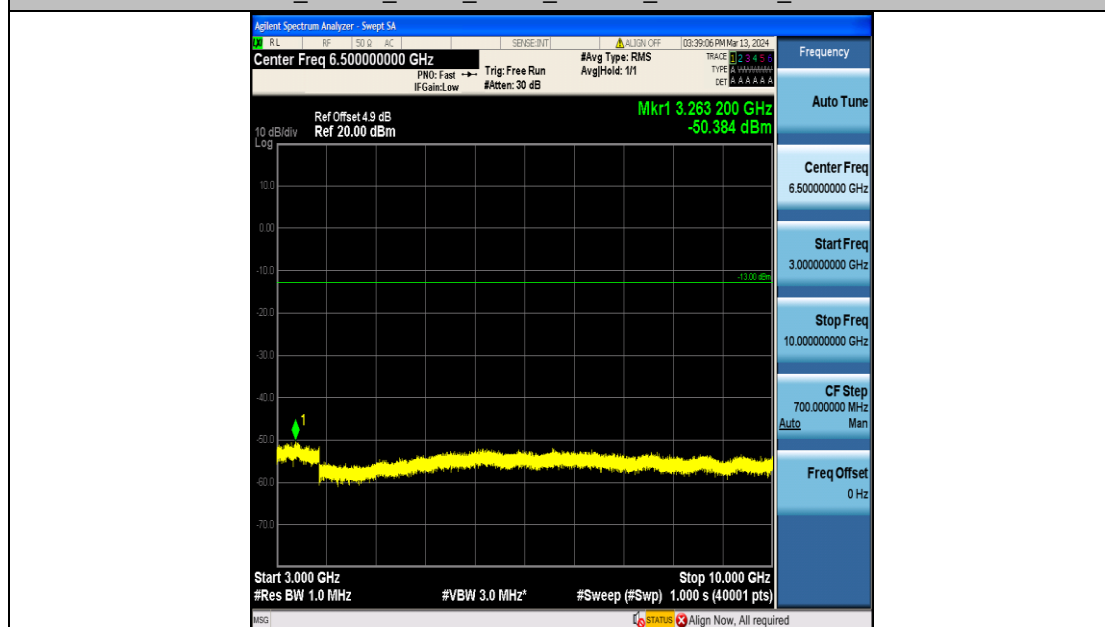
Band17_10MHz_QPSK_23780_50RB#0_0.15~30_0.15~30



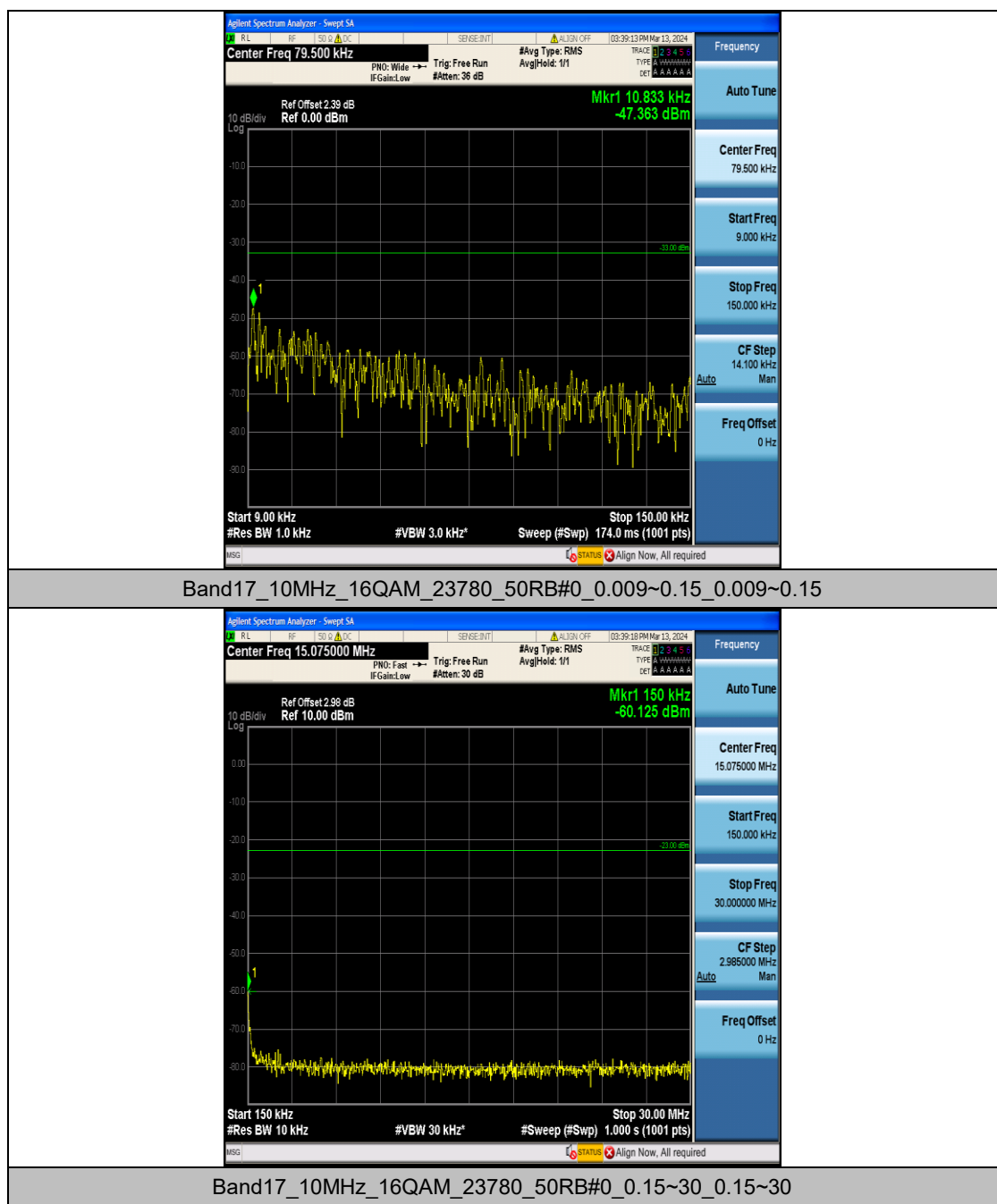
Band17_10MHz_QPSK_23780_50RB#0_30~1000_30~1000

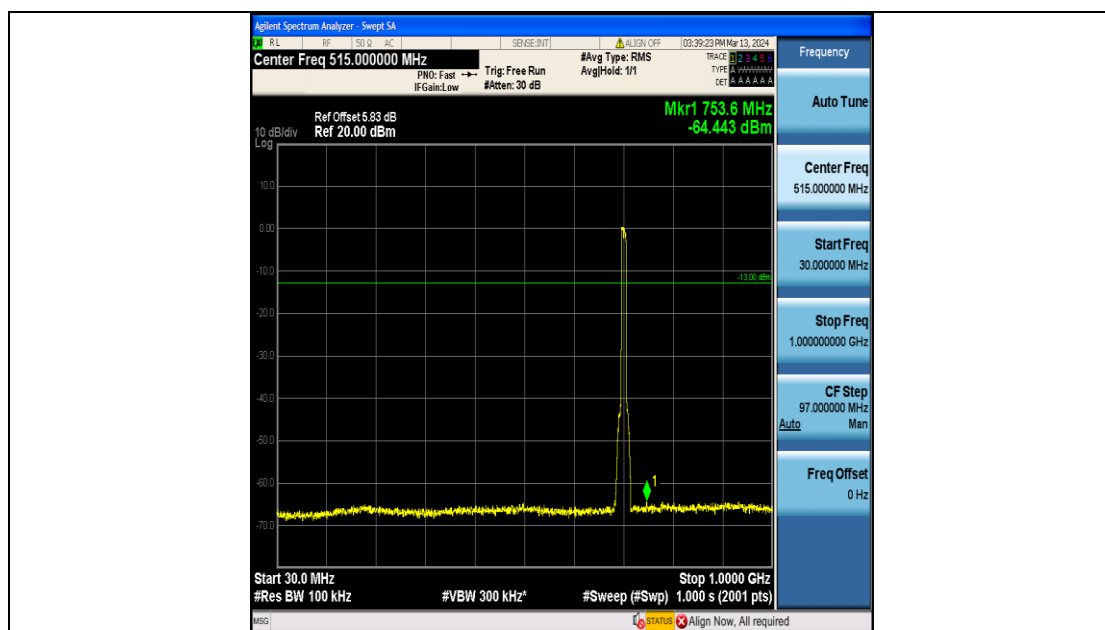


Band17_10MHz_QPSK_23780_50RB#0_1000~3000_1000~3000

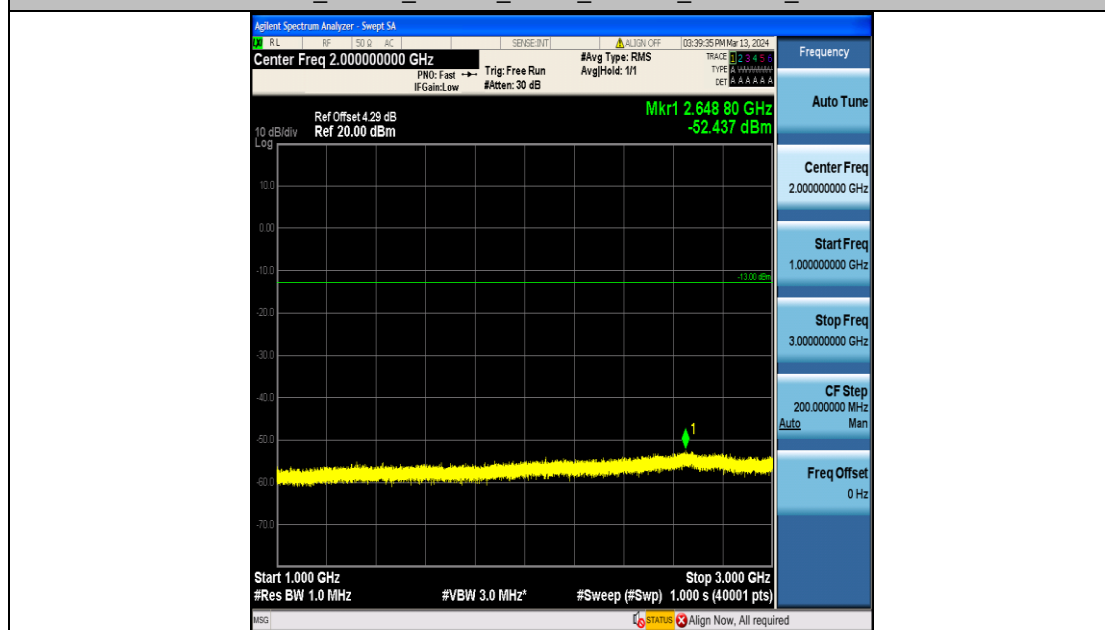


Band17_10MHz_QPSK_23780_50RB#0_3000~10000_3000~10000

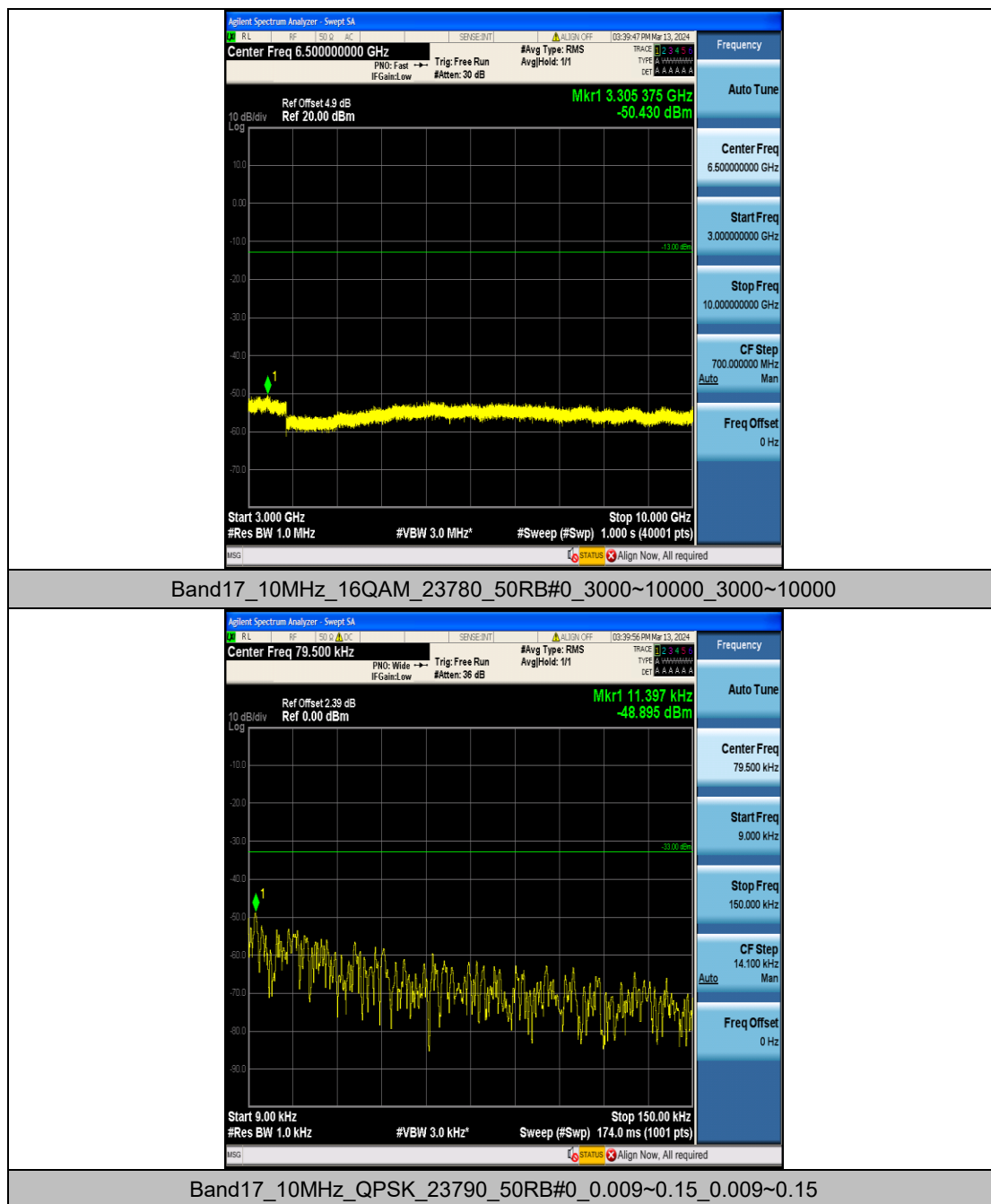


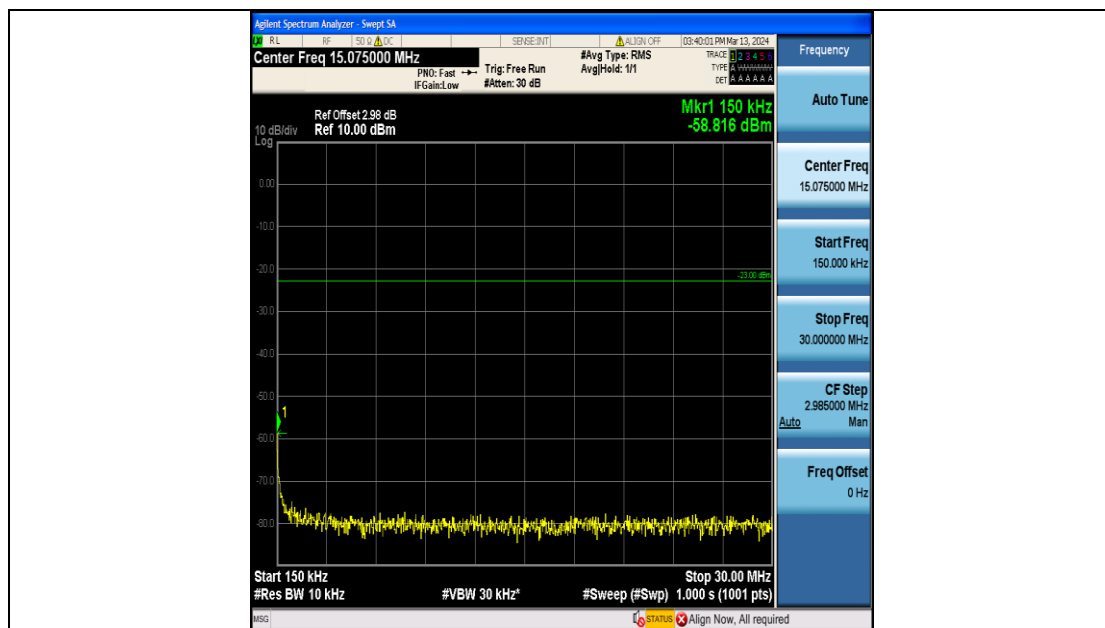


Band17_10MHz_16QAM_23780_50RB#0_30~1000_30~1000

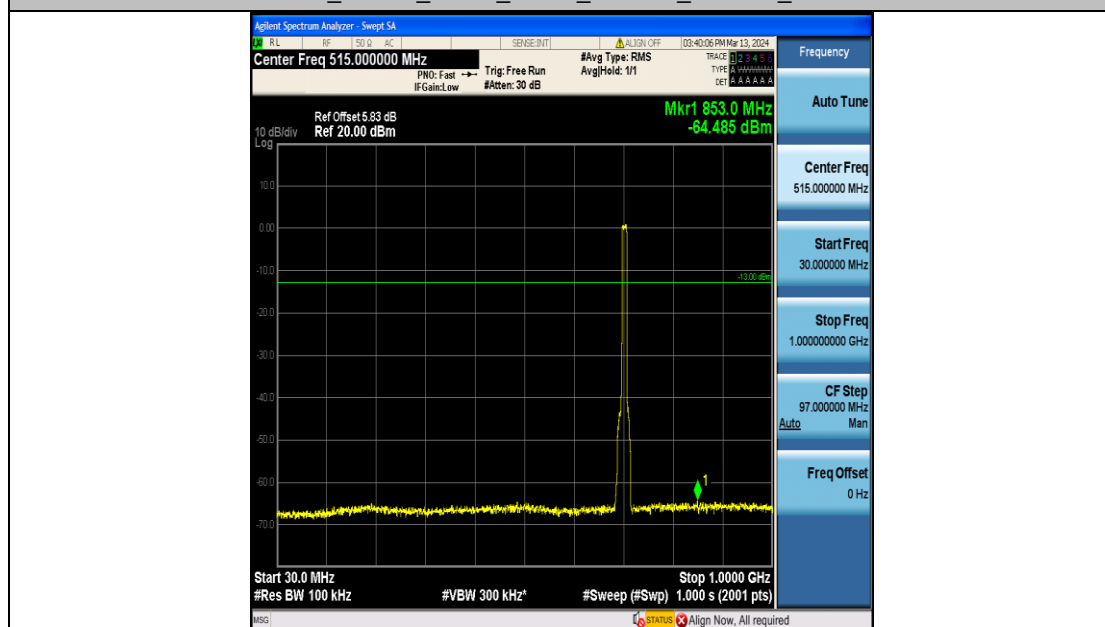


Band17_10MHz_16QAM_23780_50RB#0_1000~3000_1000~3000

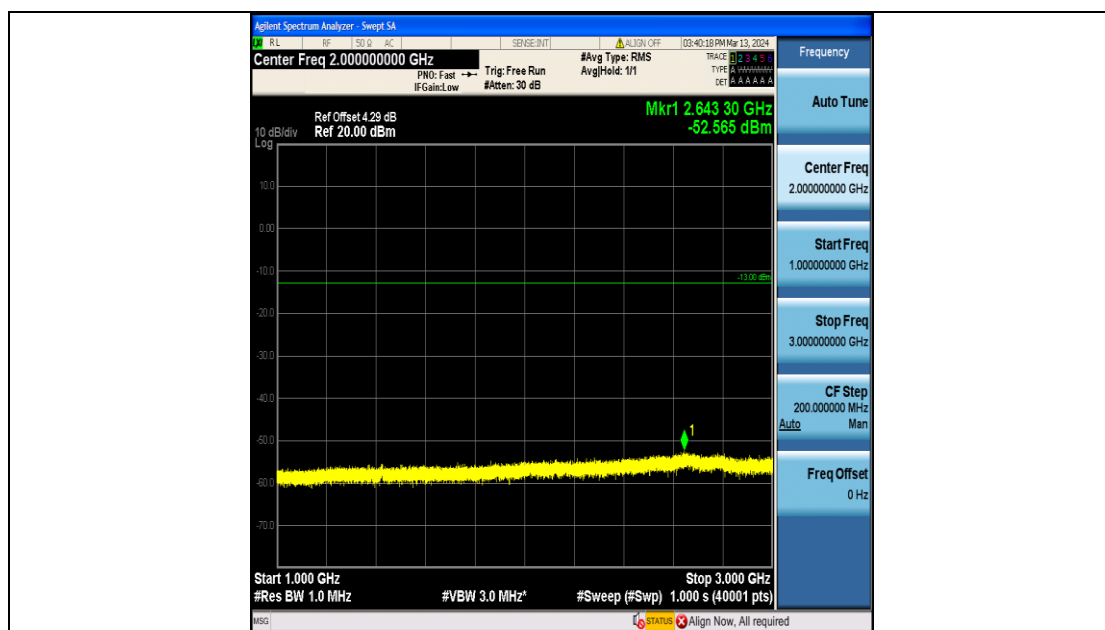




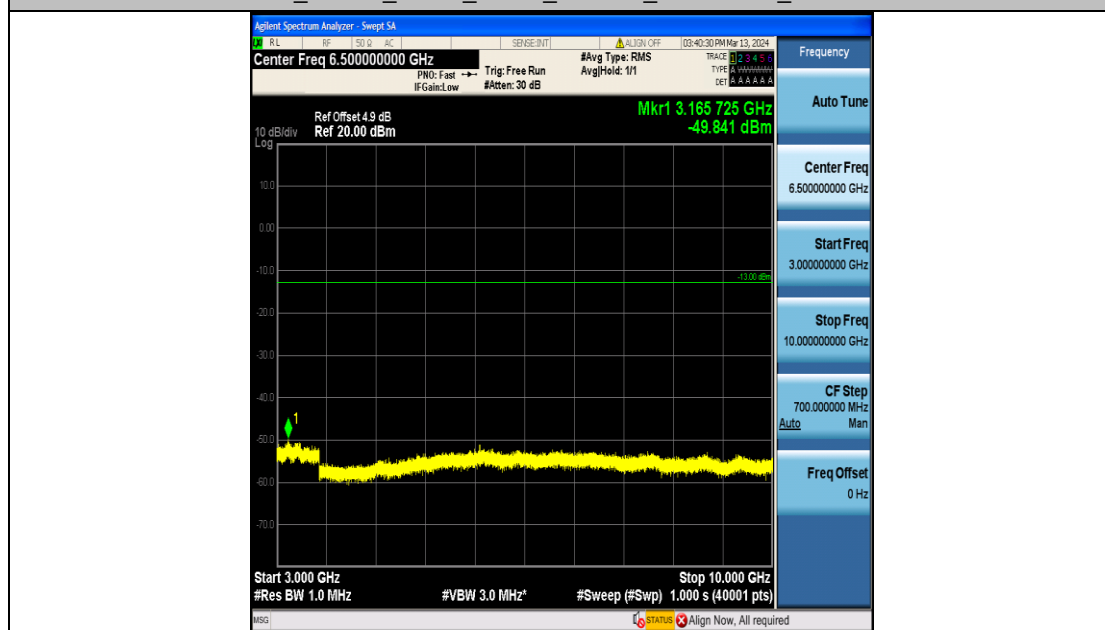
Band17_10MHz_QPSK_23790_50RB#0_0.15~30_0.15~30



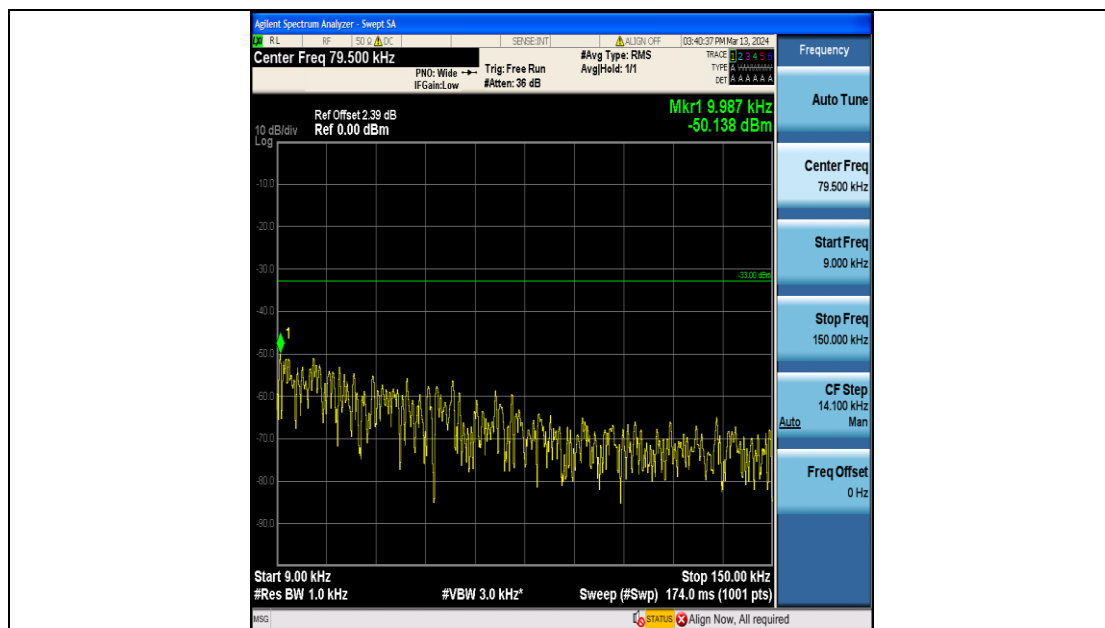
Band17_10MHz_QPSK_23790_50RB#0_30~1000_30~1000



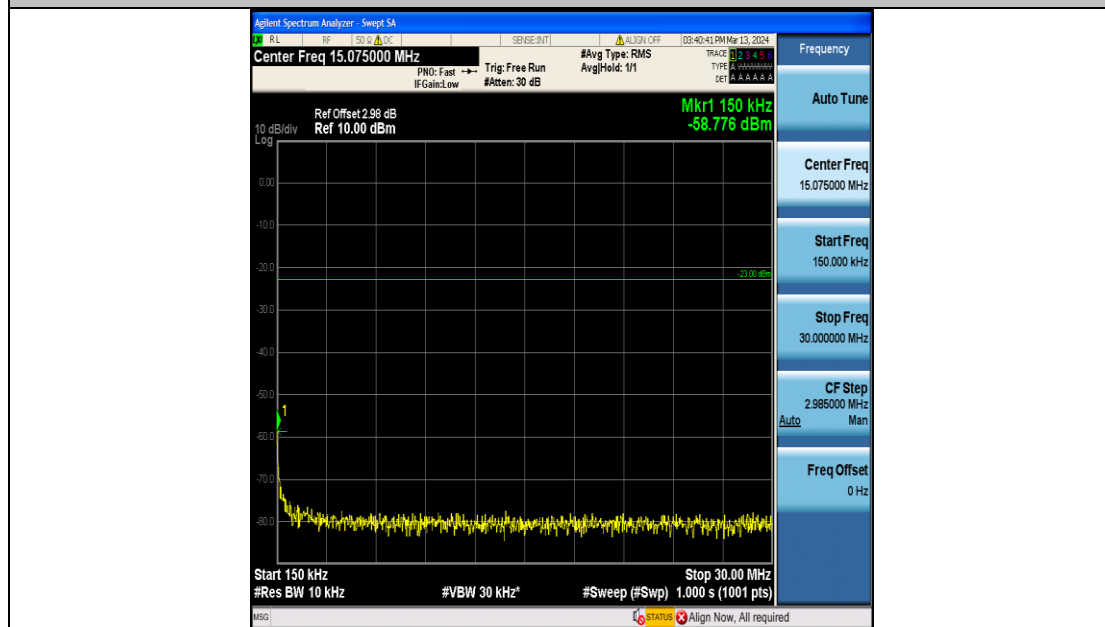
Band17_10MHz_QPSK_23790_50RB#0_1000~3000_1000~3000



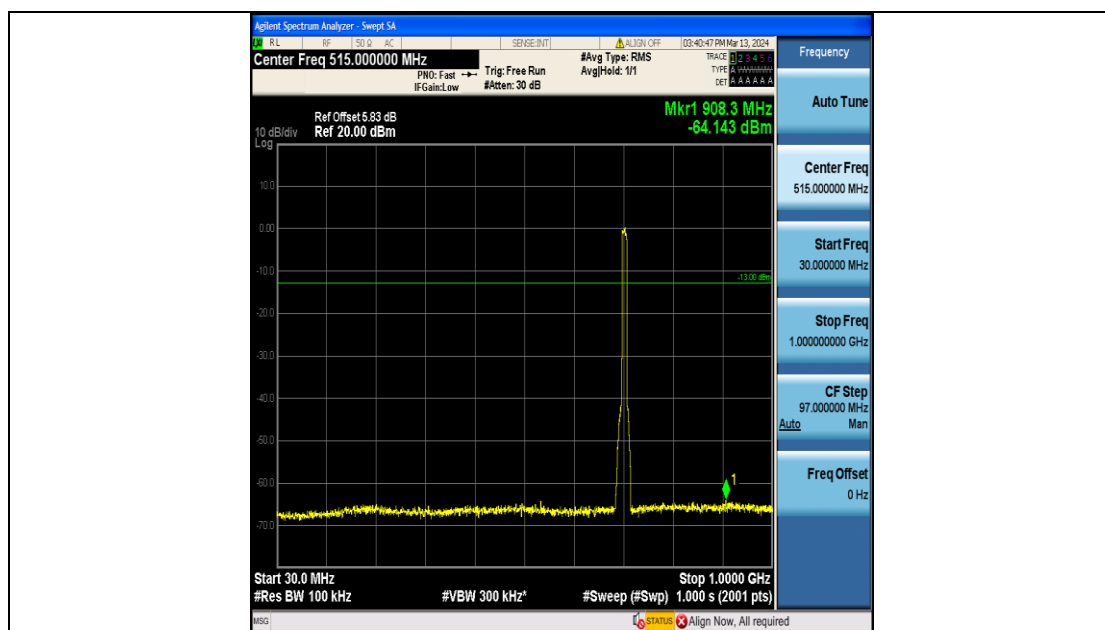
Band17_10MHz_QPSK_23790_50RB#0_3000~10000_3000~10000



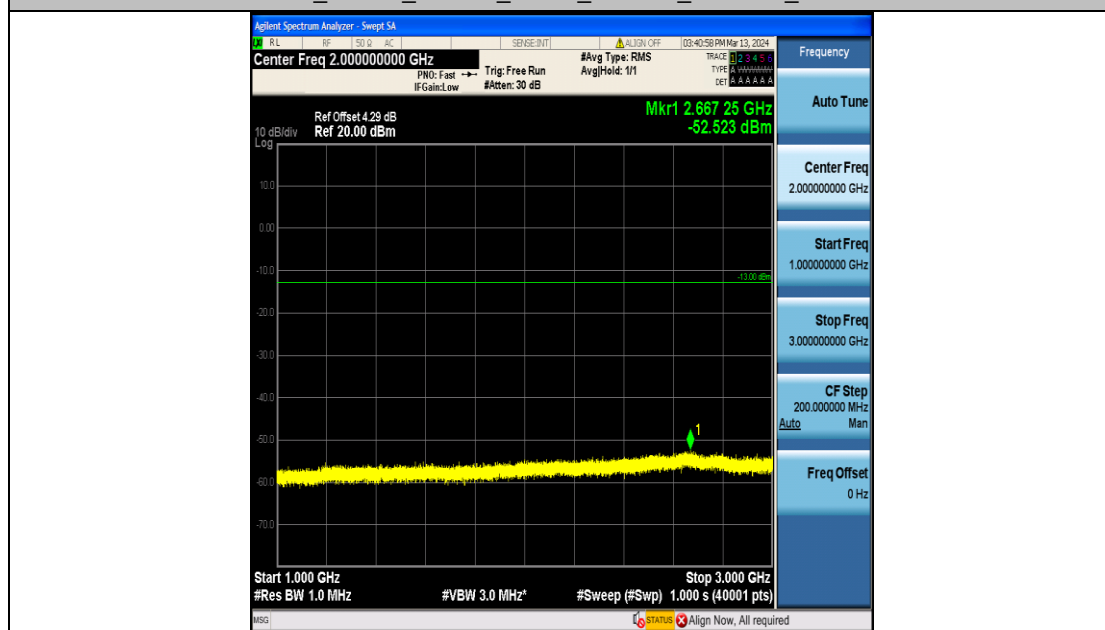
Band17_10MHz_16QAM_23790_50RB#0_0.009~0.15_0.009~0.15



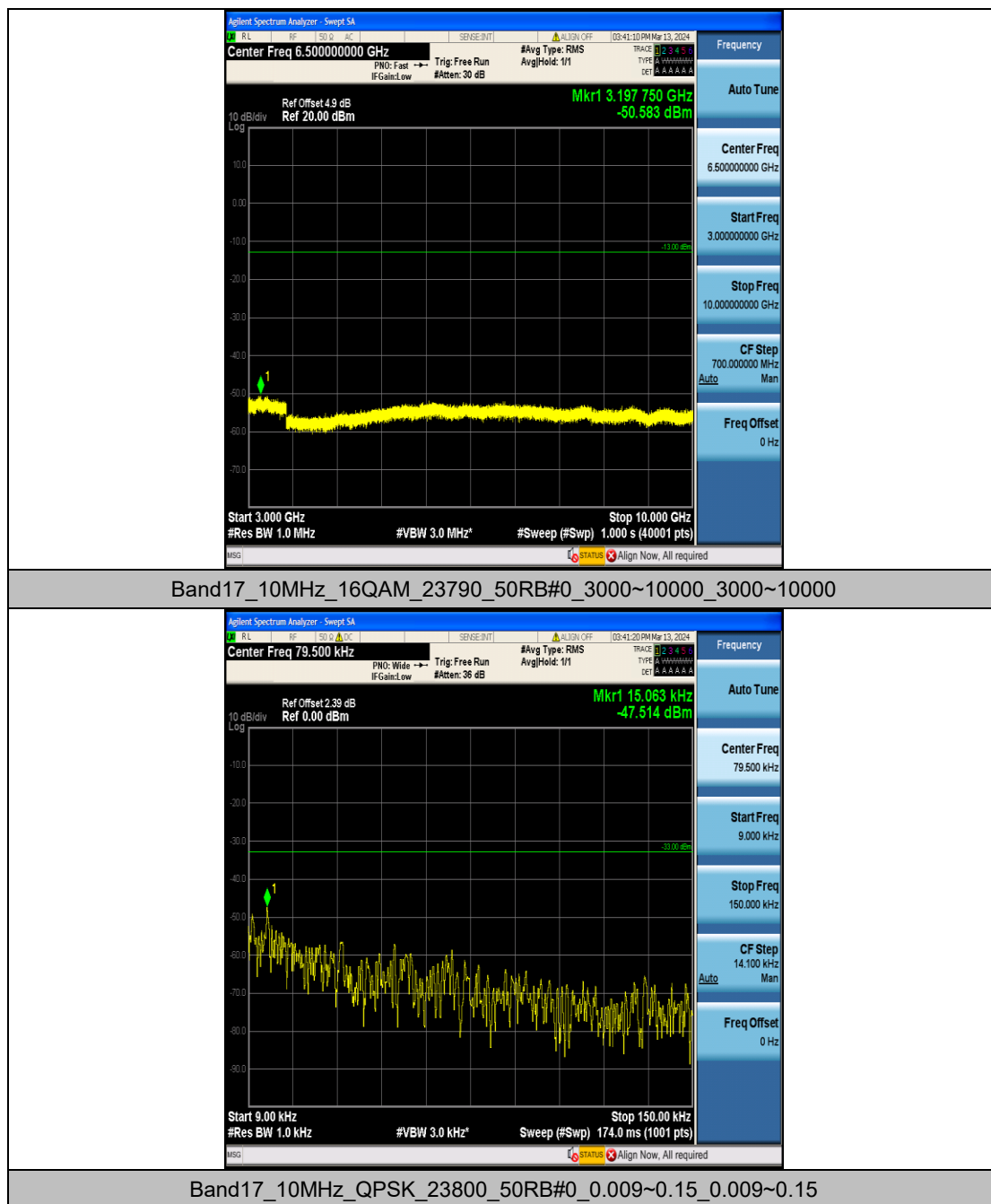
Band17_10MHz_16QAM_23790_50RB#0_0.15~30_0.15~30

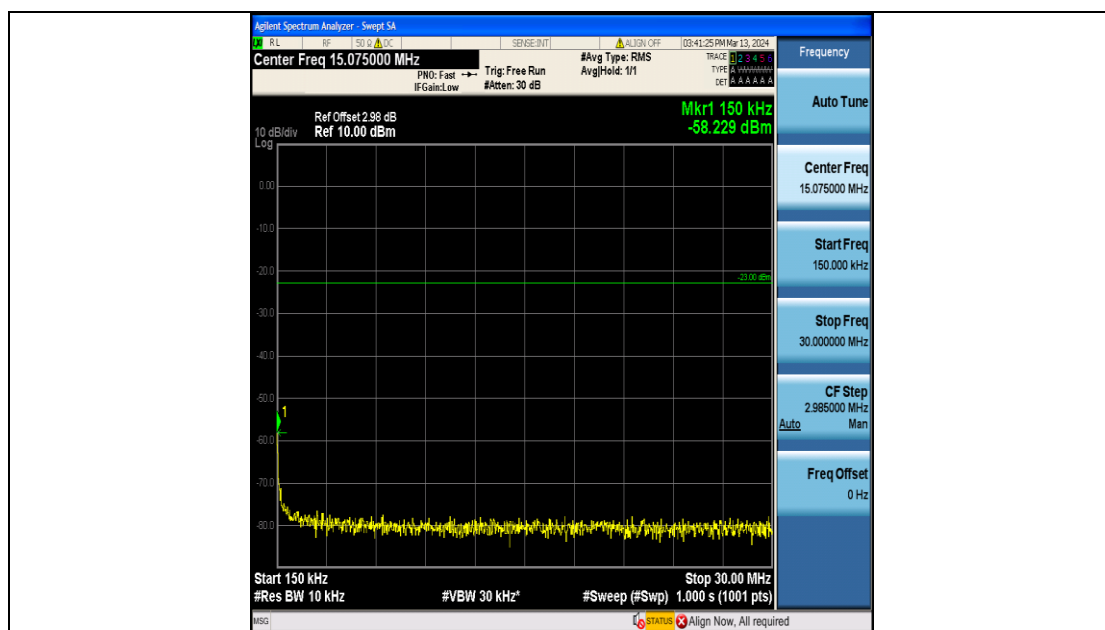


Band17_10MHz_16QAM_23790_50RB#0_30~1000_30~1000

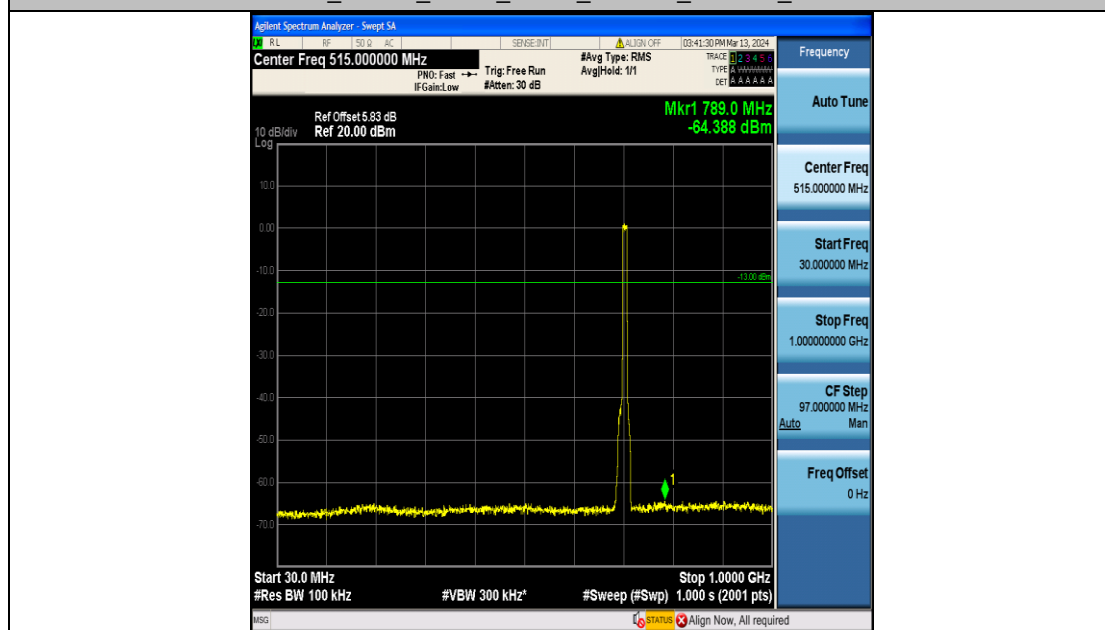


Band17_10MHz_16QAM_23790_50RB#0_1000~3000_1000~3000

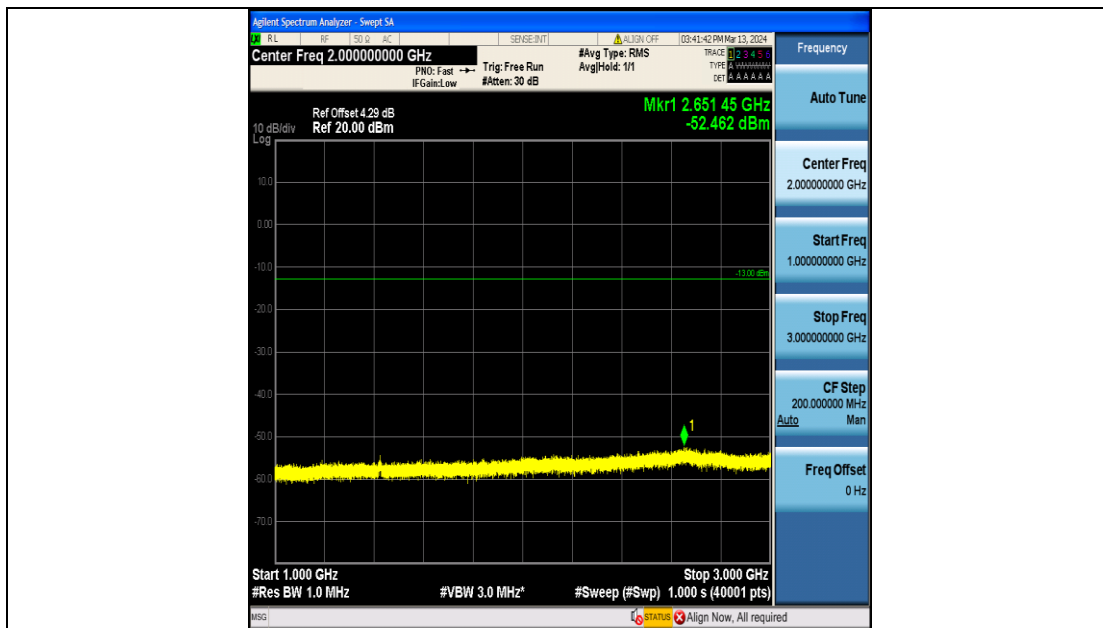




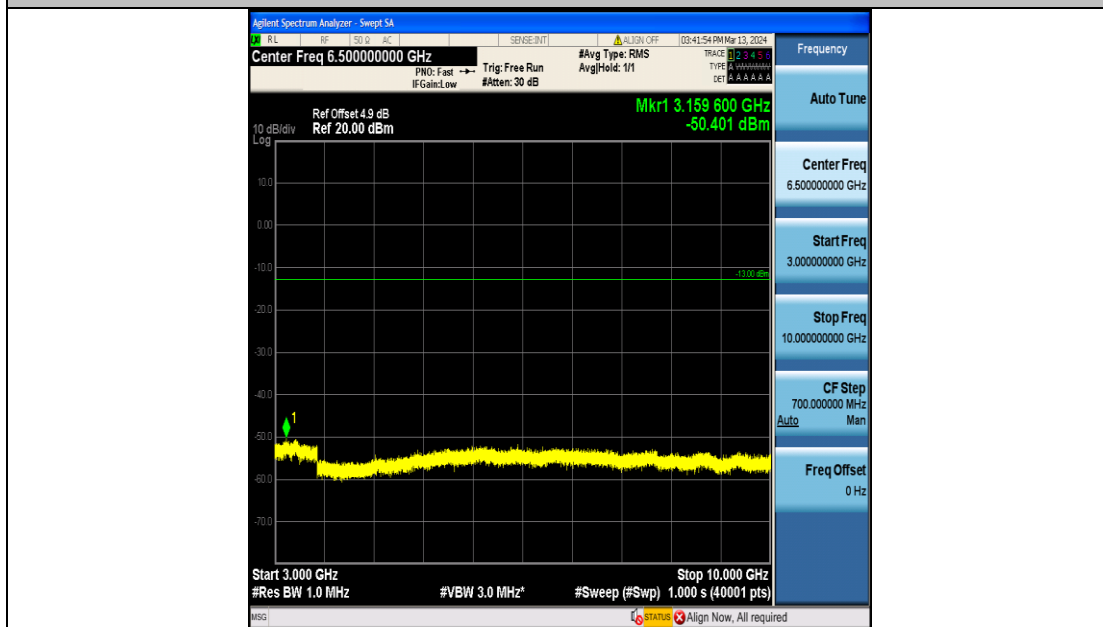
Band17_10MHz_QPSK_23800_50RB#0_0.15~30_0.15~30



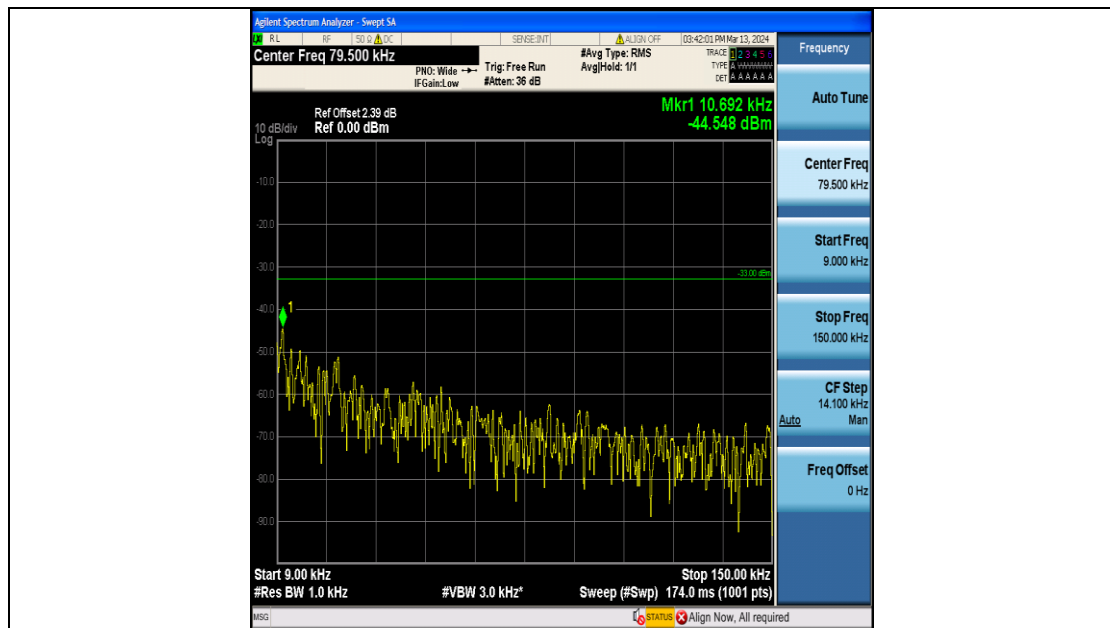
Band17_10MHz_QPSK_23800_50RB#0_30~1000_30~1000



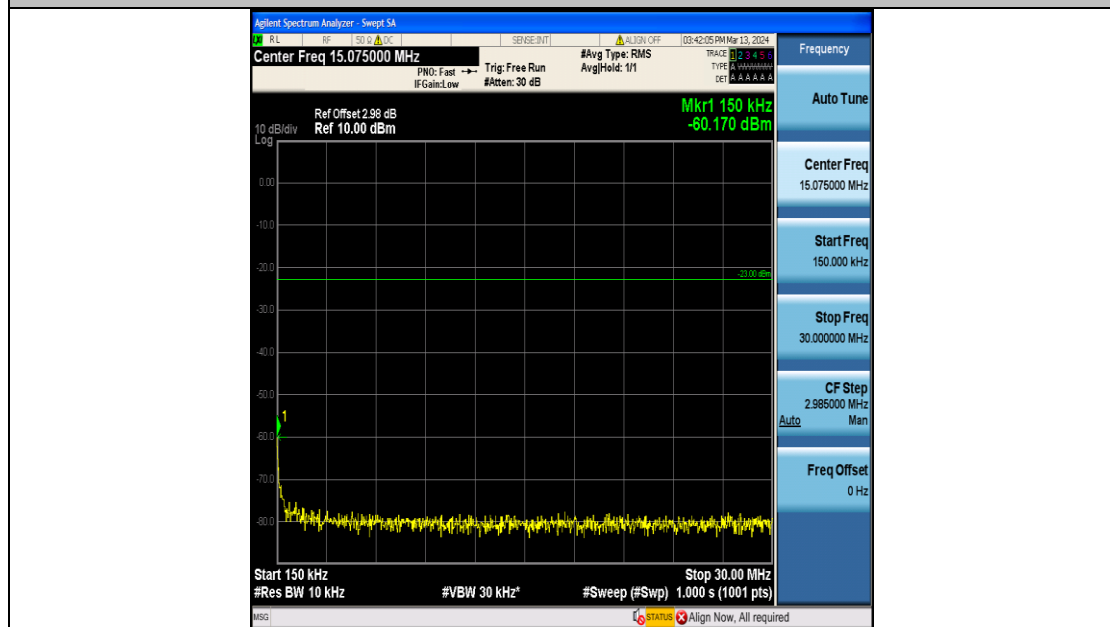
Band17_10MHz_QPSK_23800_50RB#0_1000~3000_1000~3000



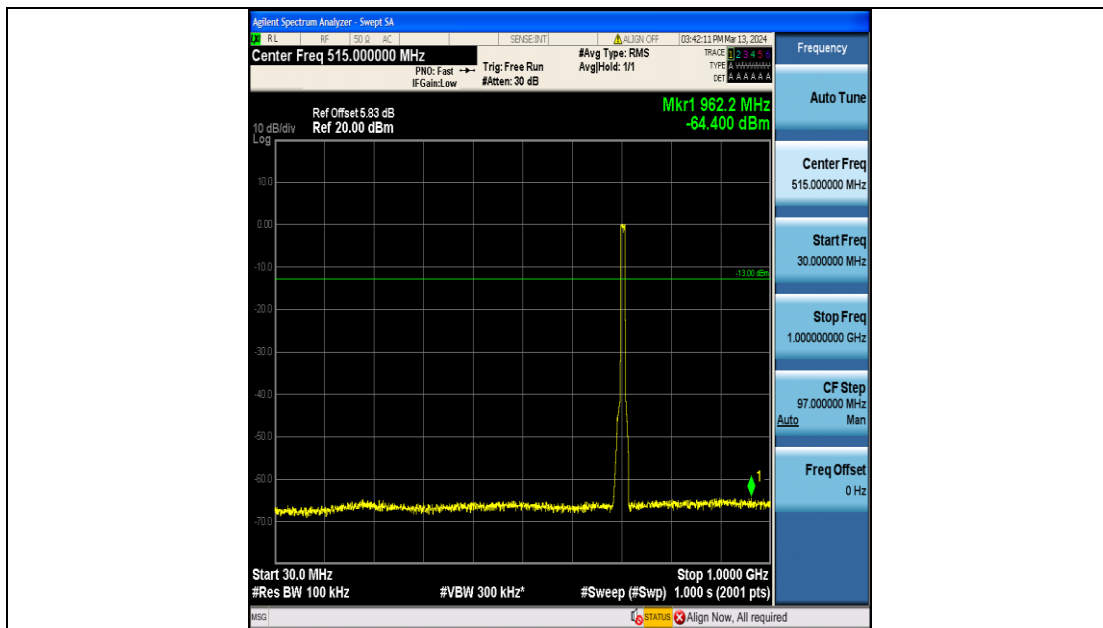
Band17_10MHz_QPSK_23800_50RB#0_3000~10000_3000~10000



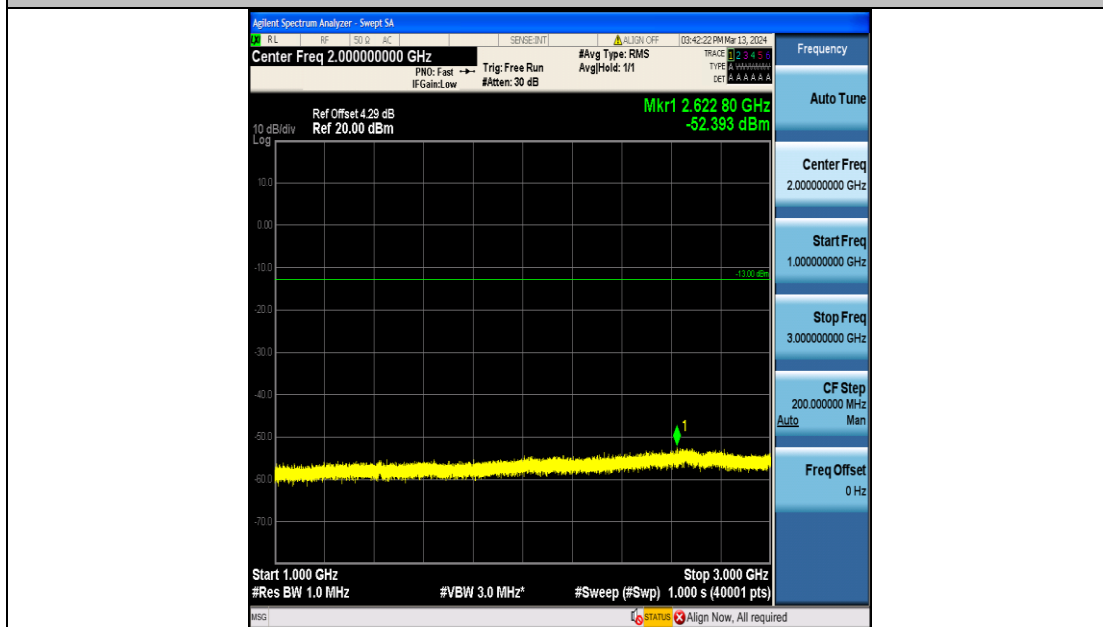
Band17_10MHz_16QAM_23800_50RB#0_0.009~0.15_0.009~0.15



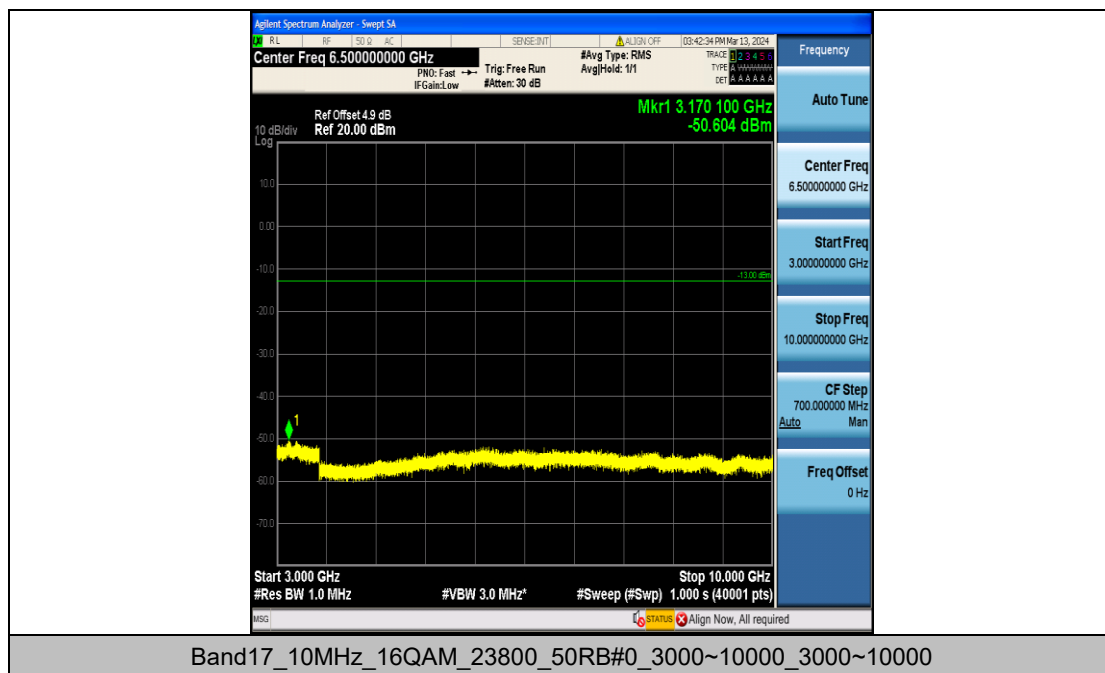
Band17_10MHz_16QAM_23800_50RB#0_0.15~30_0.15~30



Band17_10MHz_16QAM_23800_50RB#0_30~1000_30~1000



Band17_10MHz_16QAM_23800_50RB#0_1000~3000_1000~3000



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	-11.17	-0.015810	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VL	NT	-10.69	-0.015131	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VH	NT	-6.97	-0.009866	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VN	NT	-6.49	-0.009186	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VL	NT	-7.81	-0.011054	±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	-10.47	-0.014746	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VL	NT	-8.73	-0.012296	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VH	NT	-7.42	-0.010451	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VN	NT	2.50	0.003521	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VL	NT	-9.38	-0.013211	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VH	NT	-8.60	-0.012113	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VN	NT	-8.73	-0.012235	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VL	NT	-9.93	-0.013917	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VH	NT	-13.45	-0.018851	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VN	NT	-10.09	-0.014142	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VL	NT	-10.64	-0.014912	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VH	NT	-10.91	-0.015291	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VN	NT	-11.60	-0.016361	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VL	NT	-8.54	-0.012045	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VH	NT	-7.95	-0.011213	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VN	NT	-10.63	-0.014993	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VL	NT	-11.76	-0.016587	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VH	NT	-10.07	-0.014203	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	-10.64	-0.014986	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	-11.80	-0.016620	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	-13.59	-0.019141	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VN	NT	-12.27	-0.017282	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VL	NT	-10.30	-0.014507	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VH	NT	-12.69	-0.017873	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VN	NT	-9.36	-0.013165	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VL	NT	-2.23	-0.003136	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VH	NT	-10.26	-0.014430	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VN	NT	-9.73	-0.013685	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VL	NT	-14.82	-0.020844	±2.5	PASS

Band17	10MHz	16QAM	23800	50RB#0	VH	NT	-6.77	-0.009522	±2.5	PASS
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Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	NV	-30	-8.53	-0.012074	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-20	-11.70	-0.016561	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-10	-11.70	-0.016561	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	0	-7.72	-0.010927	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	10	-11.20	-0.015853	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	20	-7.74	-0.010955	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	30	-8.60	-0.012173	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	40	-9.58	-0.013560	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	50	-8.98	-0.012711	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-30	-6.05	-0.008563	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-20	-13.45	-0.019038	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-10	-5.11	-0.007233	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	0	-7.70	-0.010899	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	10	-8.14	-0.011522	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	20	-8.96	-0.012682	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	30	-9.21	-0.013036	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	40	-6.07	-0.008592	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	50	-11.97	-0.016943	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-30	-10.13	-0.014268	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-20	-10.90	-0.015352	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-10	-8.85	-0.012465	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	0	-10.97	-0.015451	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	10	-9.63	-0.013563	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	20	-10.46	-0.014732	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	30	-1.96	-0.002761	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	40	-11.24	-0.015831	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	50	-10.44	-0.014704	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-30	-9.30	-0.013099	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-20	-9.00	-0.012676	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-10	-10.24	-0.014423	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	0	-9.20	-0.012958	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	10	-14.03	-0.019761	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	20	-12.76	-0.017972	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	30	-9.00	-0.012676	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	40	-5.59	-0.007873	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	50	-10.57	-0.014887	±2.5	PASS

Band17	5MHz	QPSK	23825	25RB#0	NV	-30	-9.63	-0.013497	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-20	-12.06	-0.016903	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-10	-13.30	-0.018641	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	0	-10.44	-0.014632	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	10	-8.84	-0.012390	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	20	-9.70	-0.013595	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	30	-12.12	-0.016987	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	40	-12.63	-0.017701	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	50	-15.29	-0.021430	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-30	-9.11	-0.012768	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-20	-11.70	-0.016398	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-10	-8.31	-0.011647	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	0	-13.07	-0.018318	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	10	-9.70	-0.013595	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	20	-9.71	-0.013609	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	30	-9.61	-0.013469	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	40	-8.21	-0.011507	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	50	-9.70	-0.013595	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	-7.15	-0.010085	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	-8.68	-0.012243	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-10	-12.76	-0.017997	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	-6.29	-0.008872	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	-7.71	-0.010874	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	-2.00	-0.002821	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	30	-8.54	-0.012045	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	40	-13.19	-0.018604	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	50	-6.61	-0.009323	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-30	-3.78	-0.005331	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	-5.87	-0.008279	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-10	-12.09	-0.017052	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	-13.03	-0.018378	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	-7.75	-0.010931	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	-9.26	-0.013061	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	30	-8.25	-0.011636	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	40	-11.22	-0.015825	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	50	-10.47	-0.014767	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	-15.09	-0.021254	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	-11.30	-0.015915	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	-8.91	-0.012549	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	-9.77	-0.013761	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	-6.98	-0.009831	±2.5	PASS

Band17	10MHz	QPSK	23790	50RB#0	NV	20	-14.62	-0.020592	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-3.36	-0.004732	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-5.38	-0.007577	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	-6.27	-0.008831	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-30	-8.35	-0.011761	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	-9.04	-0.012732	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-10	-13.69	-0.019282	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	-12.10	-0.017042	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	-8.37	-0.011789	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	-10.84	-0.015268	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	30	-11.23	-0.015817	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	40	-11.10	-0.015634	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	50	-8.91	-0.012549	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-30	-4.51	-0.006343	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	-8.51	-0.011969	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-10	-12.19	-0.017145	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	-9.84	-0.013840	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	10	-10.91	-0.015345	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	-2.98	-0.004191	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	30	-9.08	-0.012771	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	40	-8.38	-0.011786	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	50	-2.98	-0.004191	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-30	-11.89	-0.016723	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	-9.31	-0.013094	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-10	-10.40	-0.014627	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	-6.54	-0.009198	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	-6.32	-0.008889	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	-11.56	-0.016259	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	30	-14.96	-0.021041	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	40	-6.27	-0.008819	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	-7.97	-0.011210	±2.5	PASS