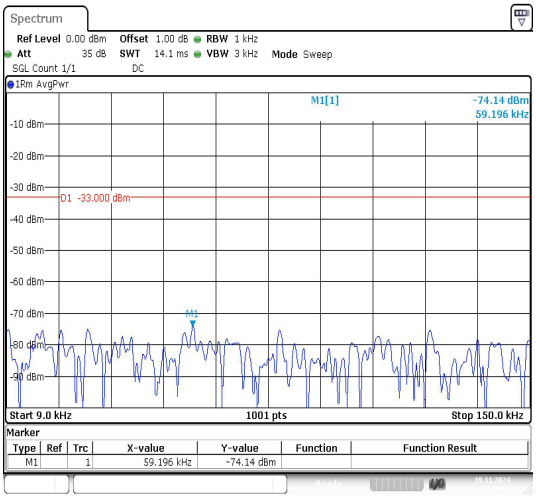
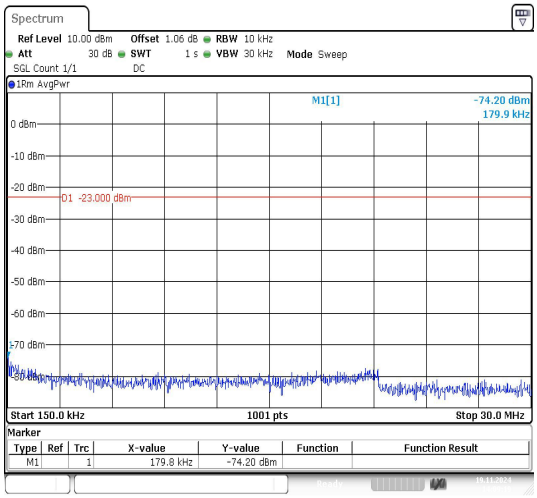
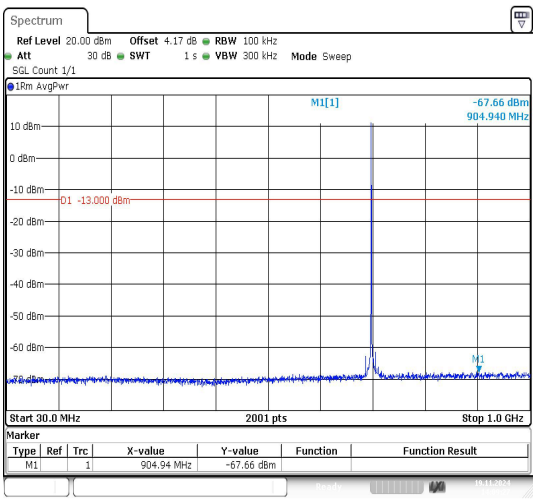
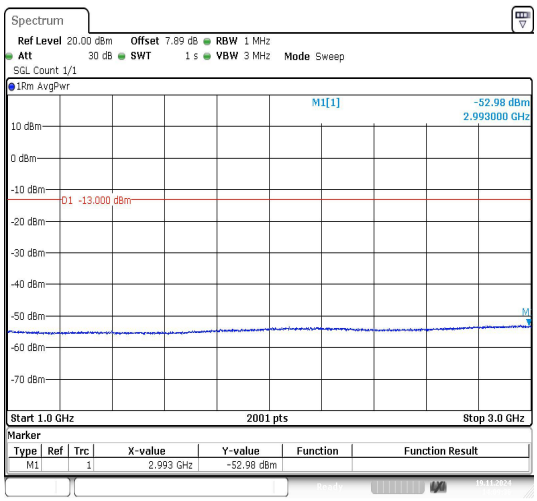
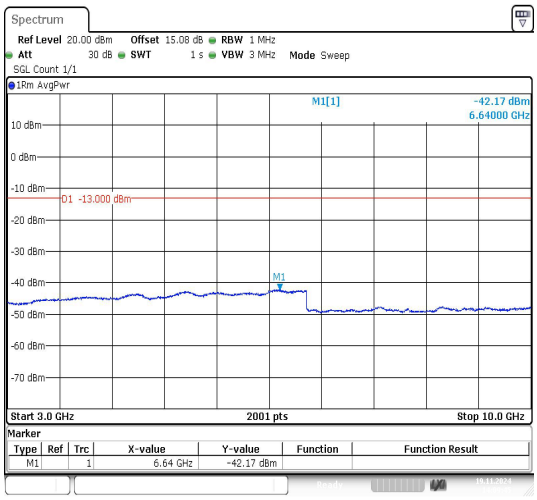
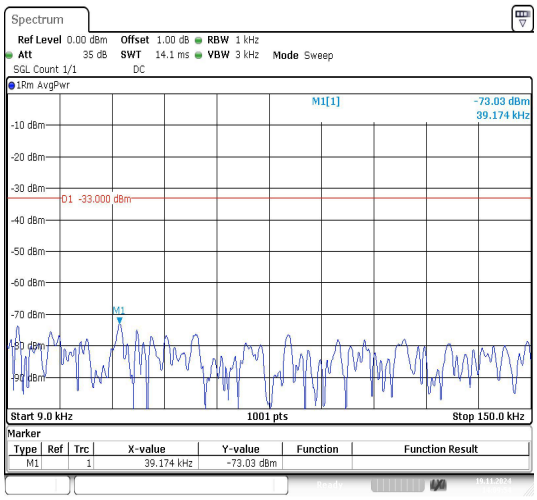
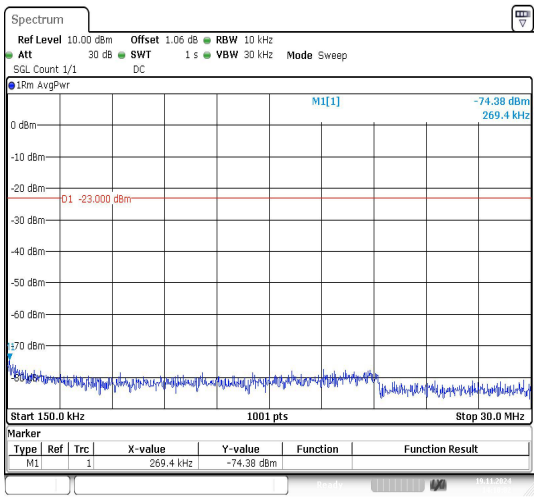
Band17_10MHz_16QAM_23780_1RB#0_1000~3000_1000~3000	Band17_10MHz_16QAM_23780_1RB#0_3000~10000_3000~10000
	
Band17_10MHz_QPSK_23790_1RB#0_0.009~0.15_0.009~0.15	Band17_10MHz_QPSK_23790_1RB#0_0.15~30_0.15~30
	
Band17_10MHz_QPSK_23790_1RB#0_30~1000_30~1000	Band17_10MHz_QPSK_23790_1RB#0_1000~3000_1000~3000

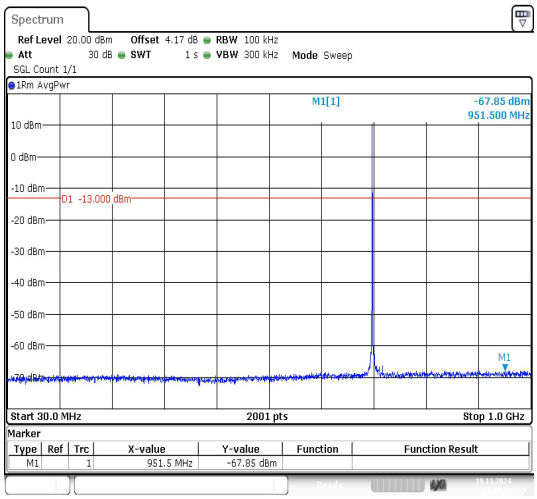




Band17_10MHz_QPSK_23790_1RB#0_3000~10000_3000~10000

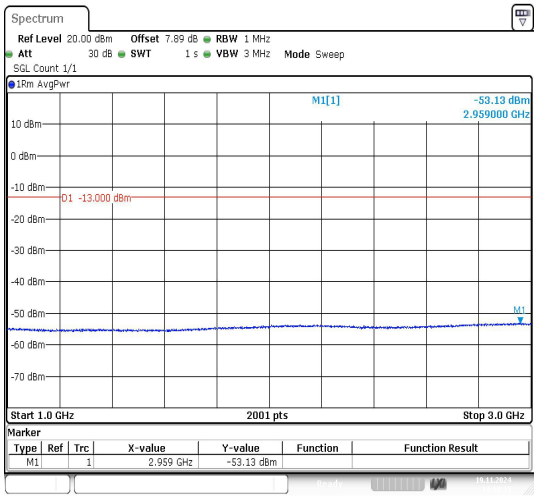
Band17_10MHz_16QAM_23790_1RB#0_0.009~0.15_0.009~0.15

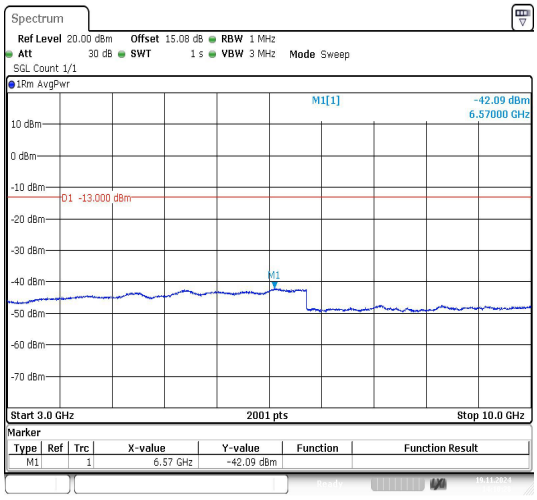


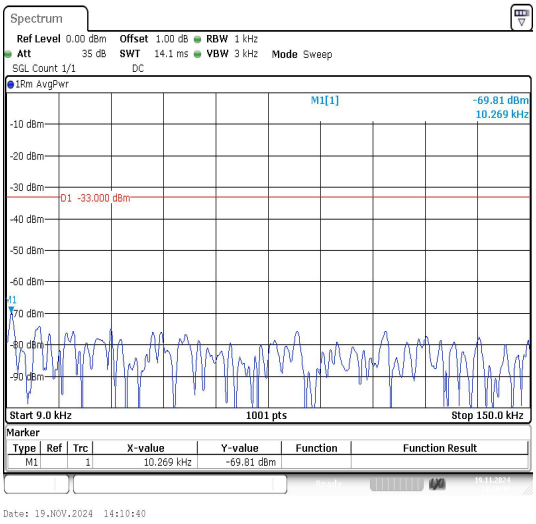
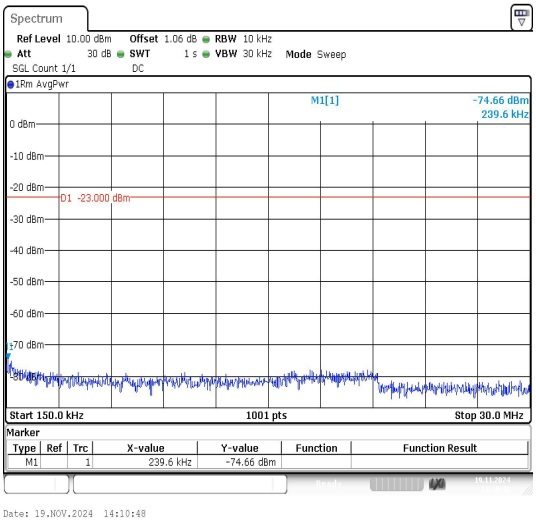
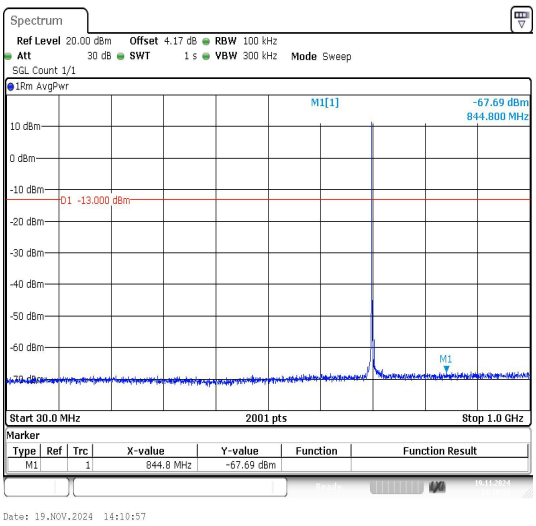
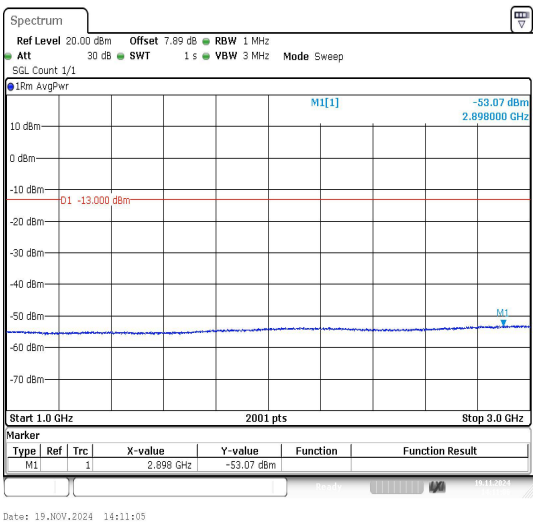


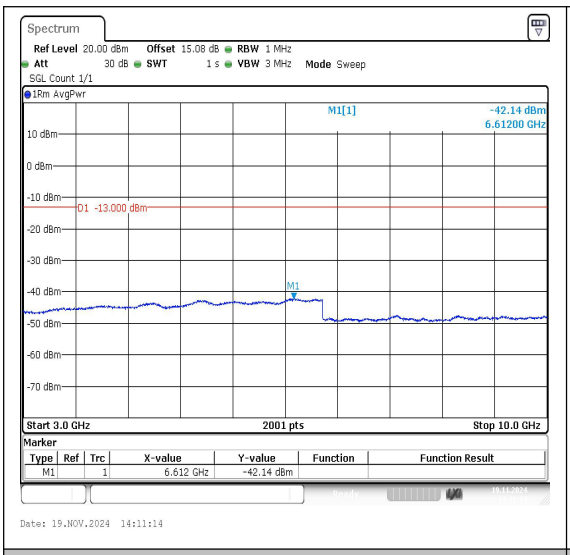
Band17_10MHz_16QAM_23790_1RB#0_0.15~30_0.15~30

Band17_10MHz_16QAM_23790_1RB#0_30~1000_30~1000

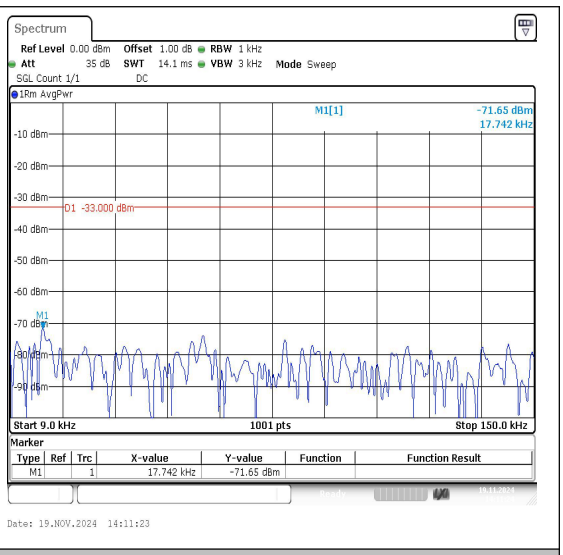




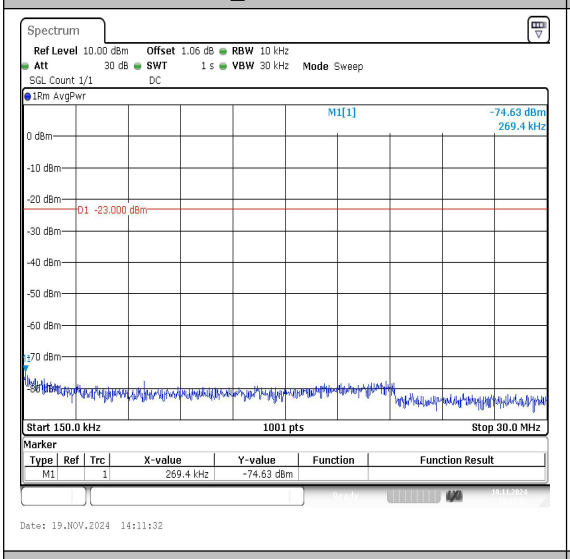
Band17_10MHz_16QAM_23790_1RB#0_1000~3000_1000~3000	Band17_10MHz_16QAM_23790_1RB#0_3000~10000_3000~10000
	
Band17_10MHz_QPSK_23800_1RB#0_0.009~0.15_0.009~0.15	Band17_10MHz_QPSK_23800_1RB#0_0.15~30_0.15~30
	
Band17_10MHz_QPSK_23800_1RB#0_30~1000_30~1000	Band17_10MHz_QPSK_23800_1RB#0_1000~3000_1000~3000



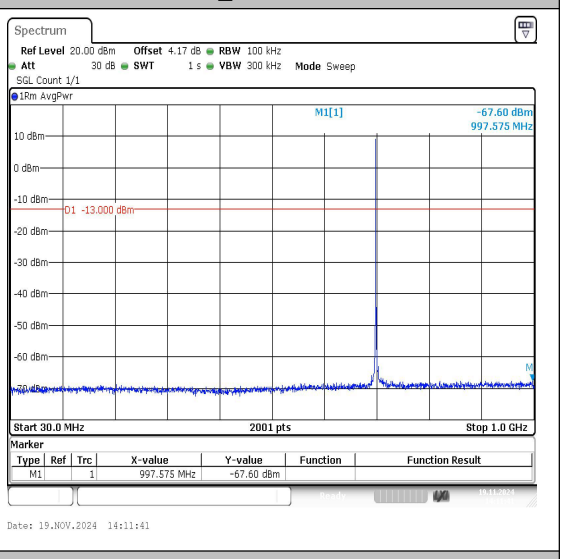
Band17_10MHz_QPSK_23800_1RB#0_3000~10000_3000~10000



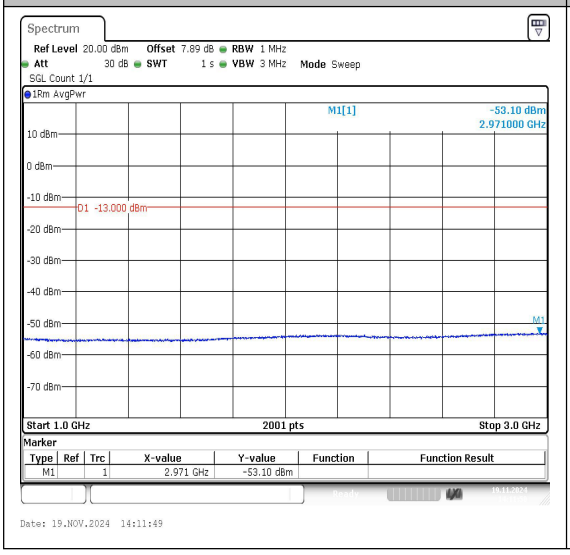
Band17_10MHz_16QAM_23800_1RB#0_0.009~0.15_0.009~0.15

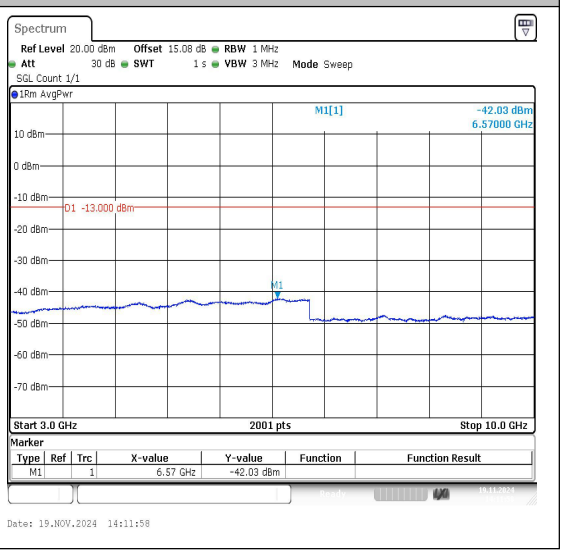


Band17_10MHz_16QAM_23800_1RB#0_0.15~30_0.15~30



Band17_10MHz_16QAM_23800_1RB#0_30~1000_30~1000





Band17_10MHz_16QAM_23800_1RB#0_1000~3000_1000~3000	Band17_10MHz_16QAM_23800_1RB#0_3000~10000_3000~10000

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	VN	NT	-1.86	-0.002633	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VL	NT	-1.27	-0.001798	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VH	NT	1.33	0.001883	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VN	NT	1.13	0.001599	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VL	NT	2.17	0.003071	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VH	NT	-2.98	-0.004218	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VN	NT	2.73	0.003845	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VL	NT	-1.14	-0.001606	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VH	NT	1.34	0.001887	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VN	NT	-1.63	-0.002296	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VL	NT	-2.26	-0.003183	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VH	NT	1.46	0.002056	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VN	NT	1.65	0.002313	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VL	NT	1.22	0.001710	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VH	NT	2.25	0.003153	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VN	NT	-1.85	-0.002593	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VL	NT	2.70	0.003784	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VH	NT	1.42	0.001990	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VN	NT	-1.90	-0.002680	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VL	NT	-2.43	-0.003427	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VH	NT	-2.23	-0.003145	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VN	NT	-1.79	-0.002525	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VL	NT	-1.53	-0.002158	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VH	NT	-2.20	-0.003103	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	4.06	0.005718	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	-1.17	-0.001648	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	2.66	0.003746	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VN	NT	2.00	0.002817	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VL	NT	-0.93	-0.001310	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VH	NT	1.57	0.002211	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VN	NT	1.50	0.002110	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VL	NT	2.85	0.004008	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VH	NT	2.53	0.003558	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VN	NT	2.19	0.003080	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VL	NT	-1.34	-0.001885	±2.5	PASS

Band17	10MHz	16QAM	23800	50RB#0	VH	NT	-2.49	-0.003502	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	NV	-30	1.93	0.002732	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-20	1.29	0.001826	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-10	2.92	0.004133	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	0	2.96	0.004190	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	10	3.93	0.005563	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	20	3.22	0.004558	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	30	1.57	0.002222	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	40	2.33	0.003298	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	50	2.42	0.003425	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-30	-1.57	-0.002222	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-20	1.32	0.001868	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-10	2.09	0.002958	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	0	2.39	0.003383	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	10	-1.42	-0.002010	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	20	1.32	0.001868	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	30	2.36	0.003340	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	40	1.56	0.002208	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	50	-1.59	-0.002251	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-30	2.10	0.002958	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-20	2.12	0.002986	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-10	3.26	0.004592	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	0	2.79	0.003930	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	10	2.45	0.003451	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	20	2.47	0.003479	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	30	1.85	0.002606	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	40	2.05	0.002887	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	50	-0.97	-0.001366	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-30	2.23	0.003141	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-20	1.50	0.002113	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-10	-0.69	-0.000972	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	0	1.59	0.002239	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	10	-1.83	-0.002577	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	20	2.40	0.003380	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	30	2.09	0.002944	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	40	-1.57	-0.002211	±2.5	PASS

Band17	5MHz	16QAM	23790	25RB#0	NV	50	-1.99	-0.002803	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-30	2.49	0.003490	±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	3.03	0.004247	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	0	3.28	0.004597	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	10	3.25	0.004555	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	20	1.62	0.002270	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	30	1.93	0.002705	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	40	1.22	0.001710	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	50	-2.02	-0.002831	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-30	-1.57	-0.002200	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-20	-2.32	-0.003252	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-10	-1.20	-0.001682	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	0	2.22	0.003111	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	10	0.99	0.001388	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	20	-2.16	-0.003027	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	30	1.73	0.002425	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	40	-1.87	-0.002621	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	50	1.79	0.002509	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	-2.83	-0.003992	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	1.92	0.002708	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-10	-1.66	-0.002341	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	-1.92	-0.002708	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	-2.62	-0.003695	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	1.34	0.001890	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	30	1.36	0.001918	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	40	-1.54	-0.002172	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	50	-2.55	-0.003597	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-30	-1.59	-0.002243	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	-2.65	-0.003738	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-10	-2.43	-0.003427	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	1.13	0.001594	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	-1.14	-0.001608	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	-1.69	-0.002384	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	30	-3.32	-0.004683	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	40	-1.92	-0.002708	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	50	-1.13	-0.001594	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	2.22	0.003127	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	3.38	0.004761	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	2.16	0.003042	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	1.43	0.002014	±2.5	PASS

Band17	10MHz	QPSK	23790	50RB#0	NV	10	-1.69	-0.002380	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-2.07	-0.002915	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	2.35	0.003310	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-1.17	-0.001648	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	-1.39	-0.001958	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-30	1.79	0.002521	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	1.12	0.001577	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-10	-1.73	-0.002437	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	-1.23	-0.001732	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	-2.69	-0.003789	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	1.14	0.001606	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	30	-2.25	-0.003169	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	40	1.69	0.002380	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	50	-1.33	-0.001873	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-30	2.49	0.003502	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	2.62	0.003685	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-10	1.89	0.002658	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	-1.72	-0.002419	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	10	1.32	0.001857	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	-2.86	-0.004023	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	30	-1.30	-0.001828	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	40	1.76	0.002475	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	50	-2.06	-0.002897	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-30	2.22	0.003122	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	1.70	0.002391	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-10	1.39	0.001955	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	-2.66	-0.003741	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	-3.20	-0.004501	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	-1.77	-0.002489	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	30	-2.09	-0.002940	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	40	-2.26	-0.003179	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	-2.00	-0.002813	±2.5	PASS