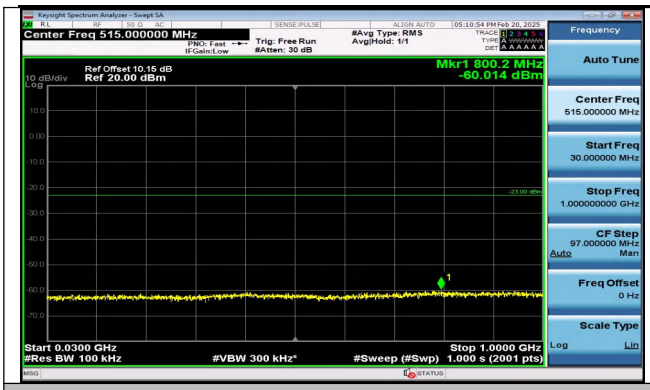
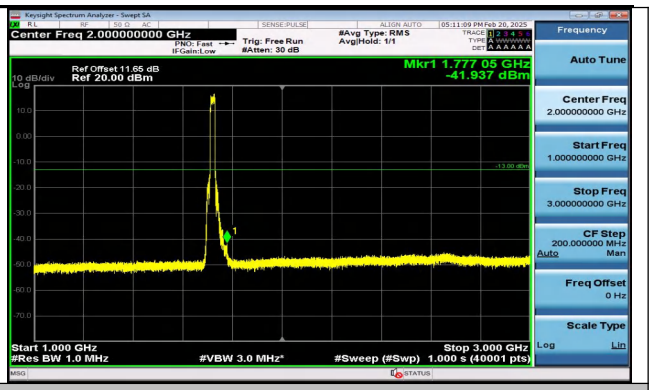
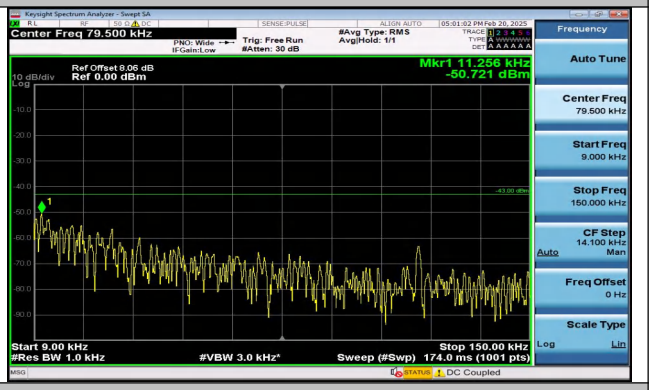


Band4_20MHz_QPSK_20050_100RB#0_30~1000_30~1000

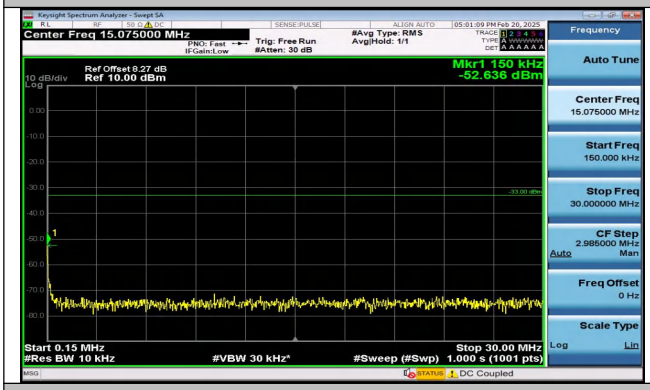


Band4_20MHz_QPSK_20050_100RB#0_1000~3000_1000~3000

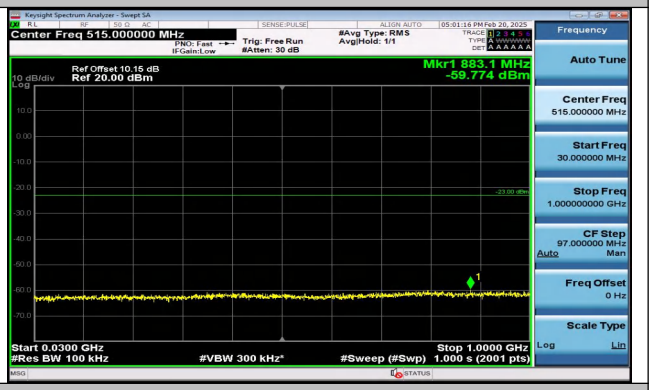
Band4_20MHz_QPSK_20050_100RB#0_3000~20000_3000~20000



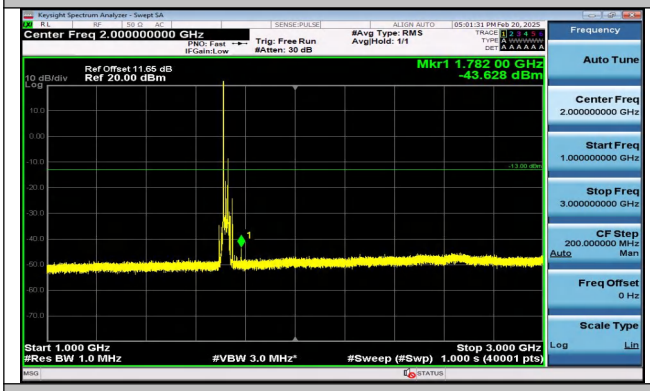
Band4_20MHz_16QAM_20050_1RB#0_0.009~0.15_0.009~0.15



Band4_20MHz_16QAM_20050_1RB#0_0.15~30_0.15~30

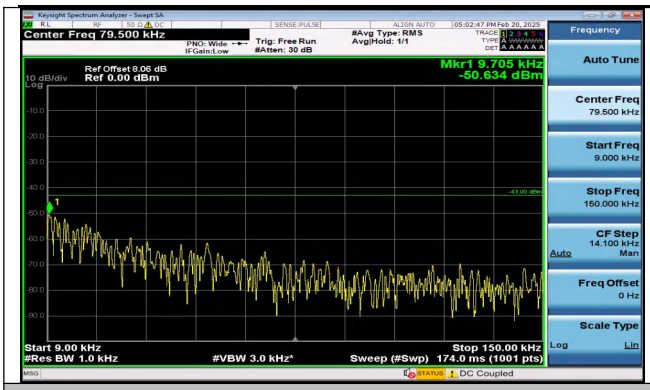


Band4_20MHz_16QAM_20050_1RB#0_30~1000_30~1000

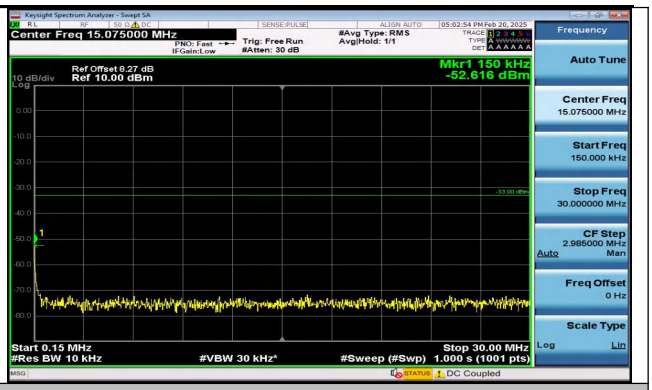


Band4_20MHz_16QAM_20050_1RB#0_1000~3000_1000~3000

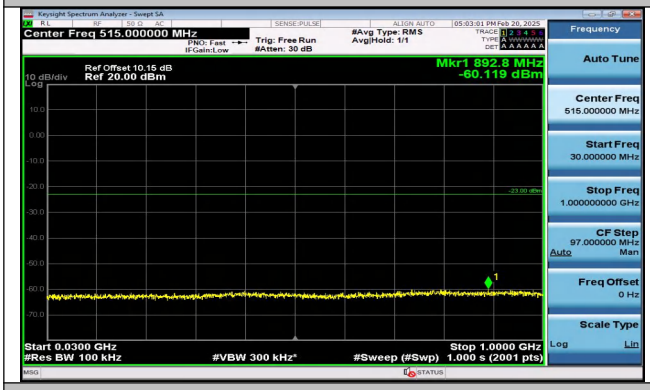
Band4_20MHz_16QAM_20050_1RB#0_3000~20000_3000~20000



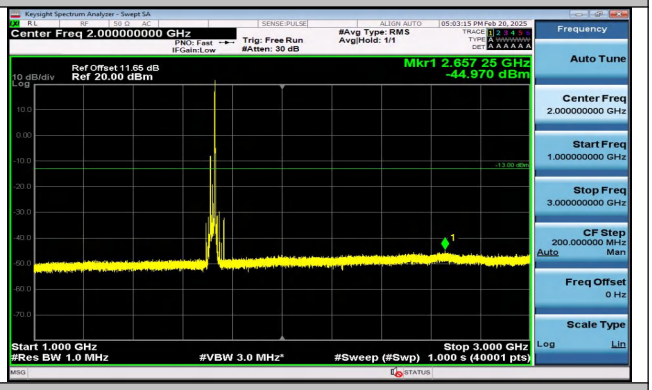
Band4_20MHz_16QAM_20050_1RB#99_0.009~0.15_0.009~0.15



Band4_20MHz_16QAM_20050_1RB#99_0.15~30_0.15~30

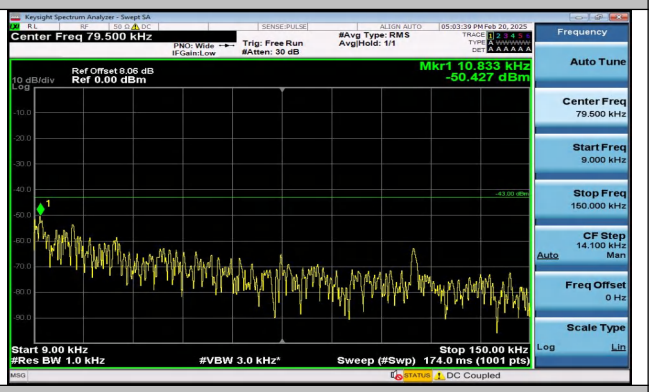


Band4_20MHz_16QAM_20050_1RB#99_30~1000_30~1000

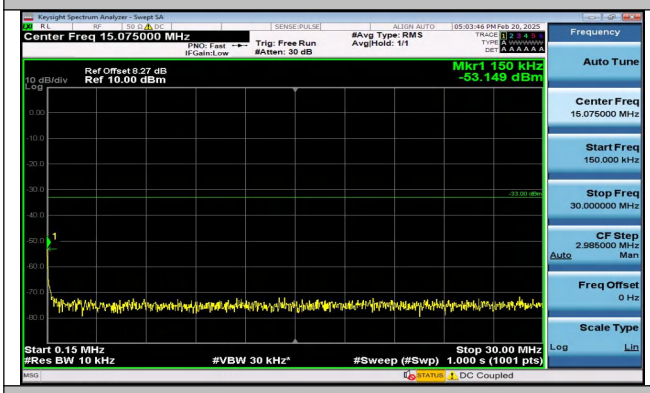


Band4_20MHz_16QAM_20050_1RB#99_1000~3000_1000~3000

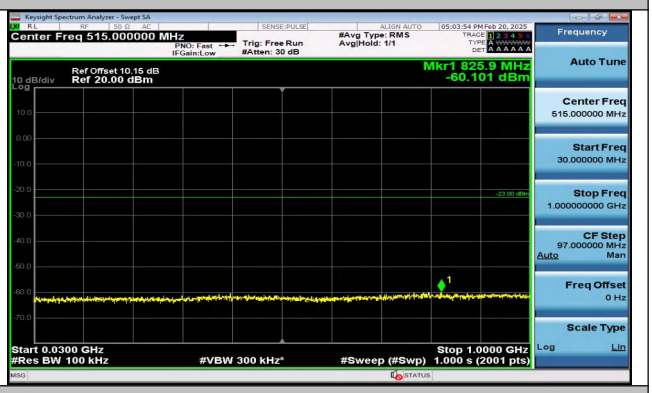
Band4_20MHz_16QAM_20050_1RB#99_3000~20000_3000~20000



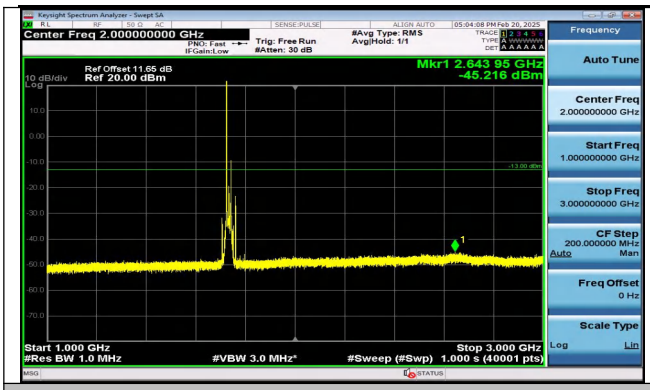
Band4_20MHz_QPSK_20175_1RB#0_0.009~0.15_0.009~0.15



Band4_20MHz_QPSK_20175_1RB#0_0.15~30_0.15~30

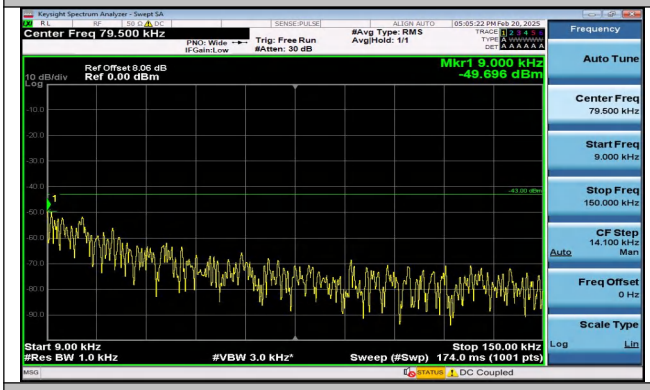


Band4_20MHz_QPSK_20175_1RB#0_30~1000_30~1000

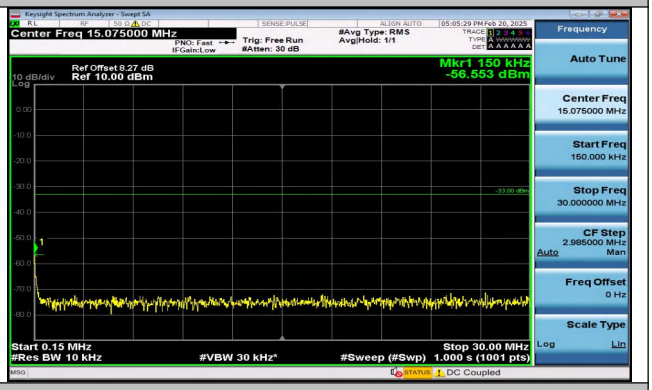


Band4_20MHz_QPSK_20175_1RB#0_1000~3000_1000~3000

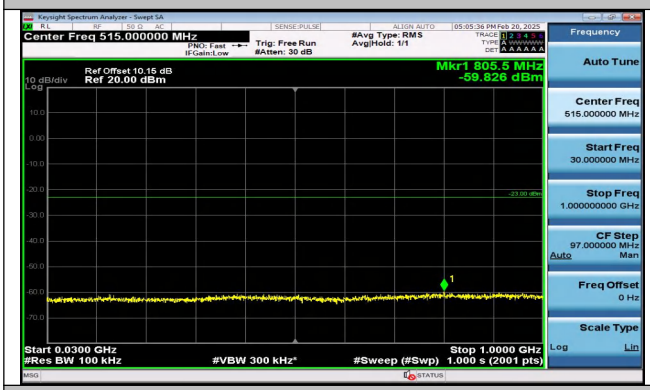
Band4_20MHz_QPSK_20175_1RB#0_3000~20000_3000~20000



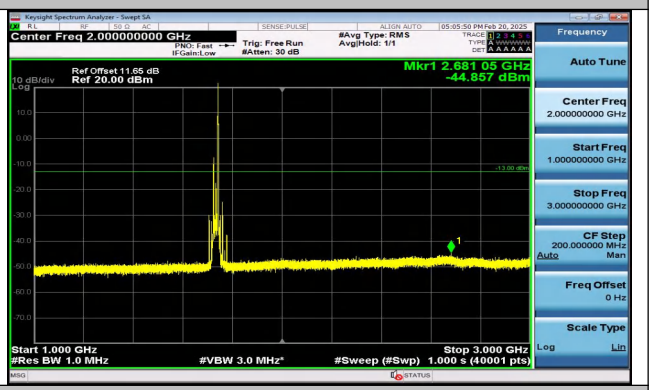
Band4_20MHz_QPSK_20175_1RB#99_0.009~0.15_0.009~0.15



Band4_20MHz_QPSK_20175_1RB#99_0.15~30_0.15~30

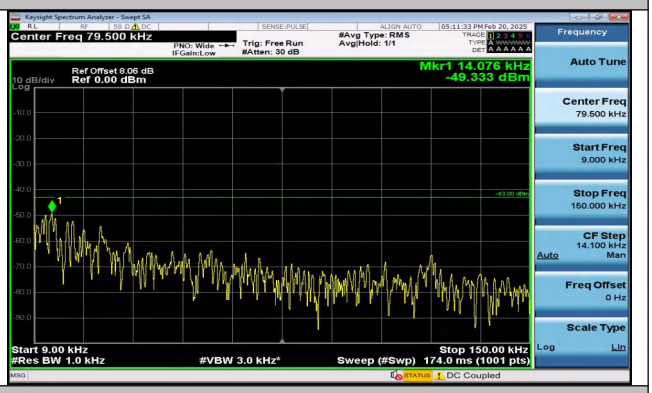


Band4_20MHz_QPSK_20175_1RB#99_30~1000_30~1000

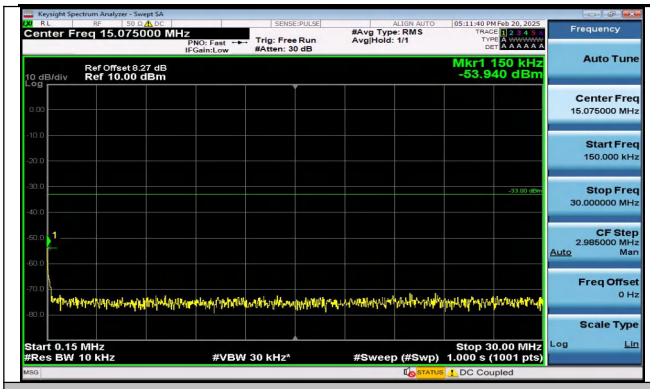


Band4_20MHz_QPSK_20175_1RB#99_1000~3000_1000~3000

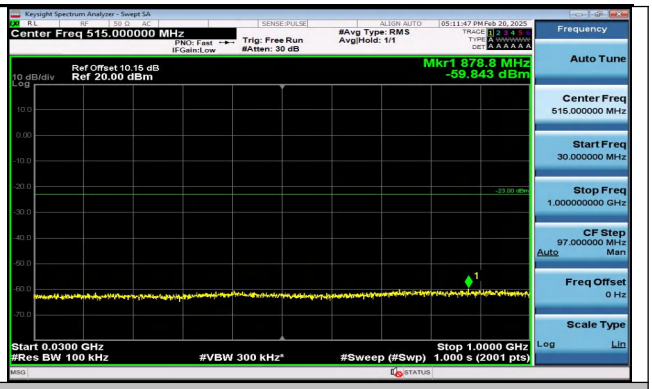
Band4_20MHz_QPSK_20175_1RB#99_3000~20000_3000~20000



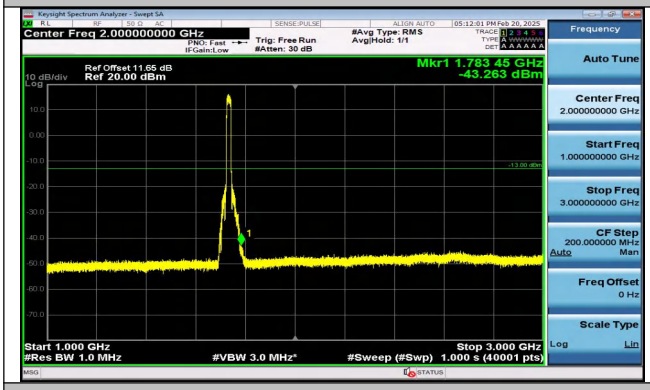
Band4_20MHz_QPSK_20175_100RB#0_0.009~0.15_0.009~0.15



Band4_20MHz_QPSK_20175_100RB#0_0.15~30_0.15~30

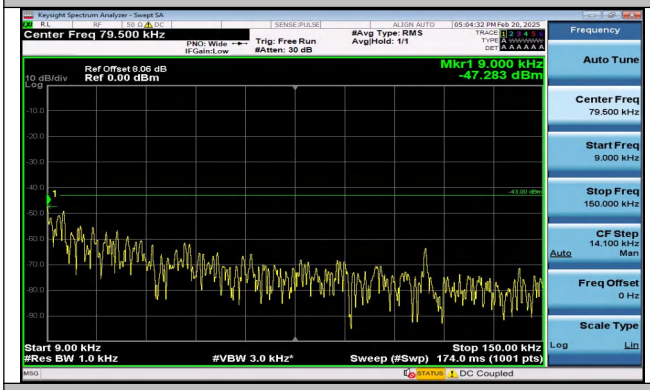


Band4_20MHz_QPSK_20175_100RB#0_30~1000_30~1000

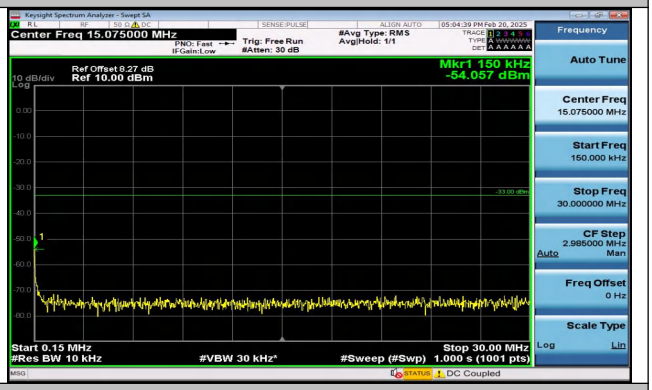


Band4_20MHz_QPSK_20175_100RB#0_1000~3000_1000~3000

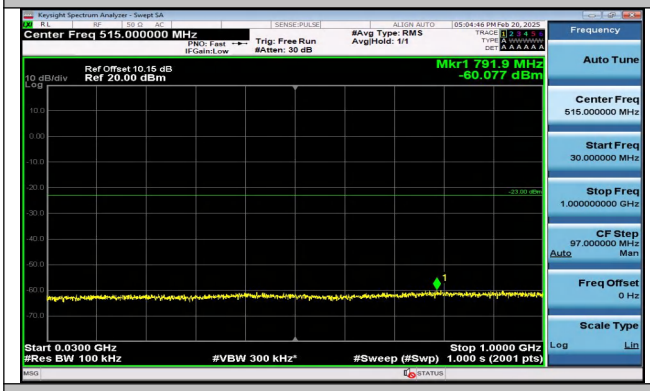
Band4_20MHz_QPSK_20175_100RB#0_3000~20000_3000~20000



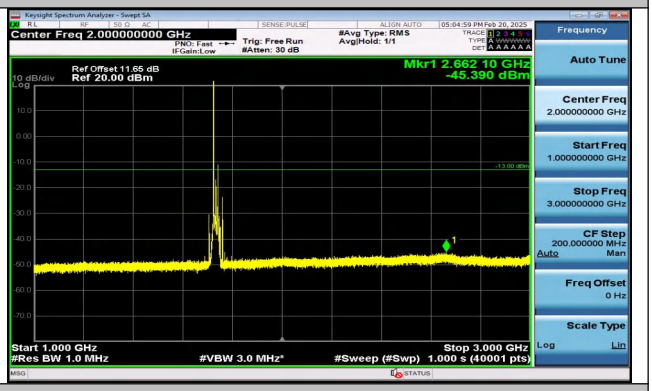
Band4_20MHz_16QAM_20175_1RB#0_0.009~0.15_0.009~0.15



Band4_20MHz_16QAM_20175_1RB#0_0.15~30_0.15~30

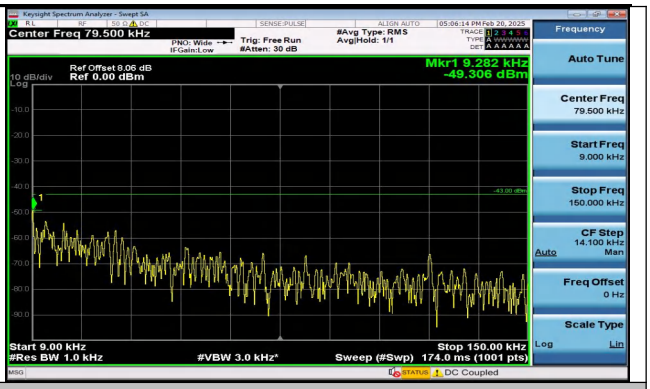


Band4_20MHz_16QAM_20175_1RB#0_30~1000_30~1000

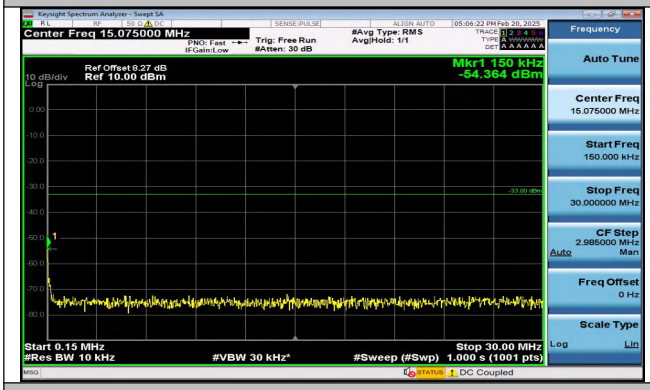


Band4_20MHz_16QAM_20175_1RB#0_1000~3000_1000~3000

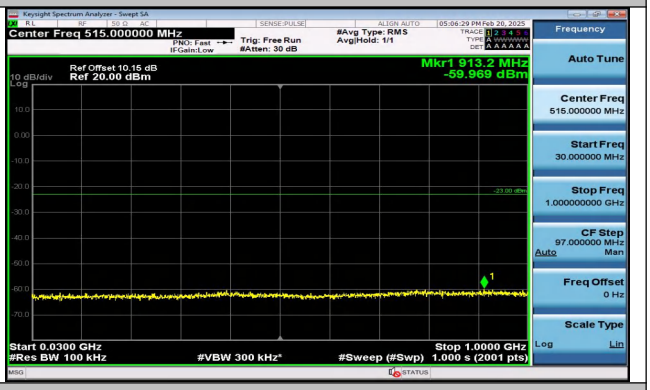
Band4_20MHz_16QAM_20175_1RB#0_3000~20000_3000~20000



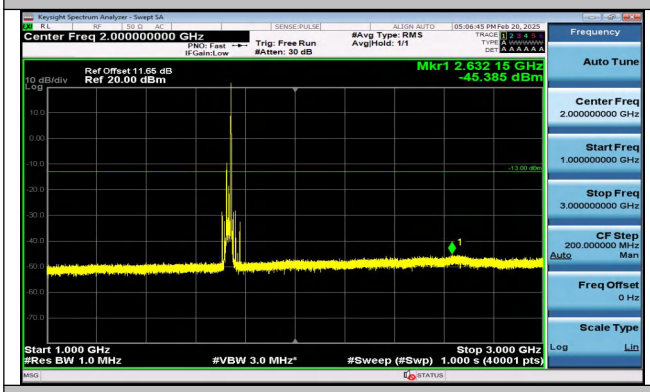
Band4_20MHz_16QAM_20175_1RB#99_0.009~0.15_0.009~0.15



Band4_20MHz_16QAM_20175_1RB#99_0.15~30_0.15~30

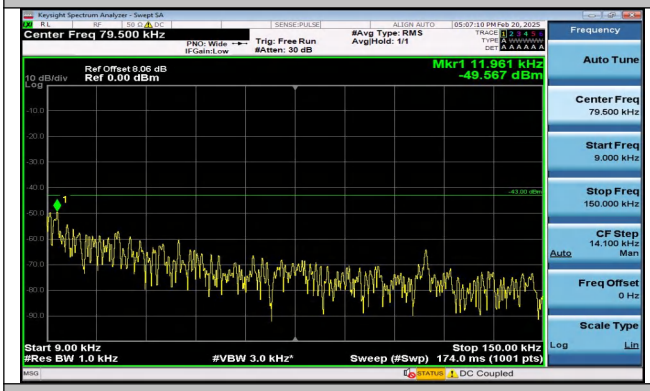


Band4_20MHz_16QAM_20175_1RB#99_30~1000_30~1000

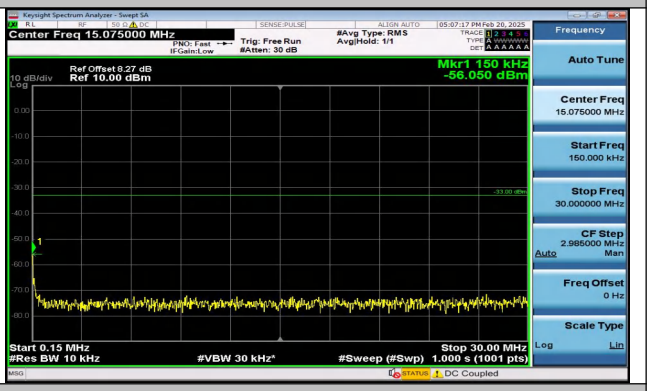


Band4_20MHz_16QAM_20175_1RB#99_1000~3000_1000~3000

Band4_20MHz_16QAM_20175_1RB#99_3000~20000_3000~20000

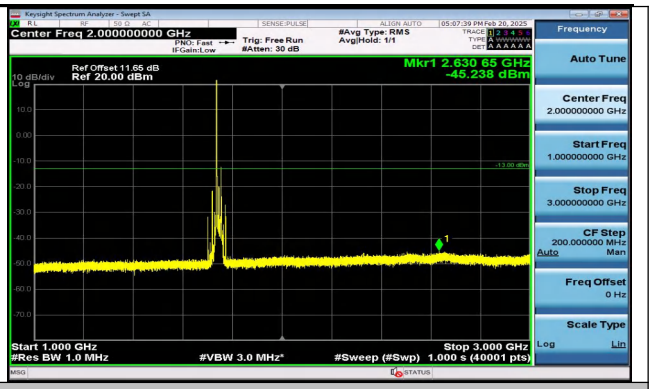


Band4_20MHz_QPSK_20300_1RB#0_0.009~0.15_0.009~0.15



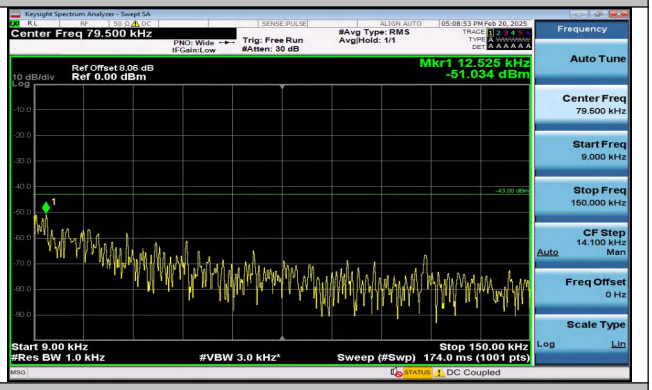
Band4_20MHz_QPSK_20300_1RB#0_0.15~30_0.15~30

Band4_20MHz_QPSK_20300_1RB#0_30~1000_30~1000

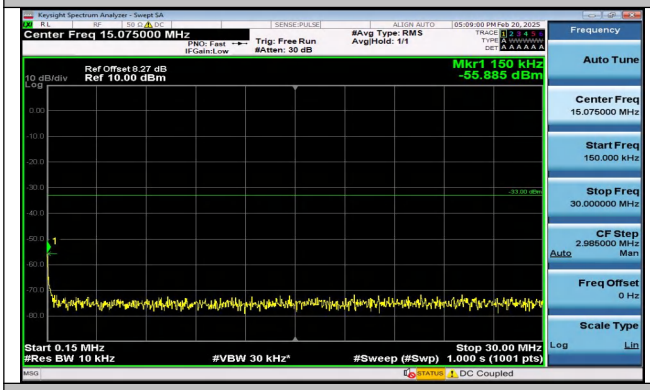


Band4_20MHz_QPSK_20300_1RB#0_1000~3000_1000~3000

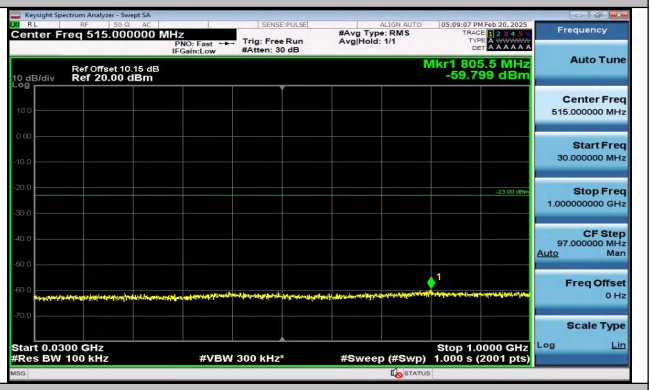
Band4_20MHz_QPSK_20300_1RB#0_3000~20000_3000~20000



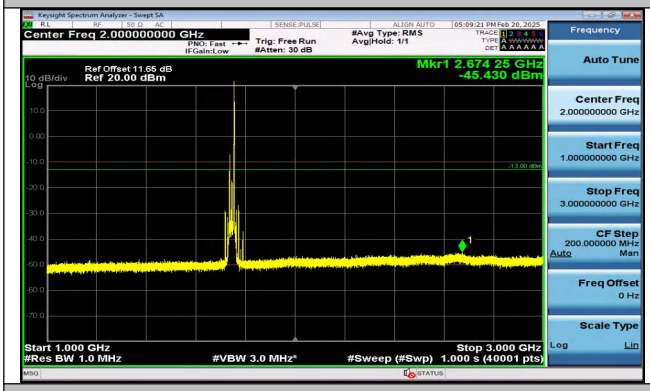
Band4_20MHz_QPSK_20300_1RB#99_0.009~0.15_0.009~0.15



Band4_20MHz_QPSK_20300_1RB#99_0.15~30_0.15~30

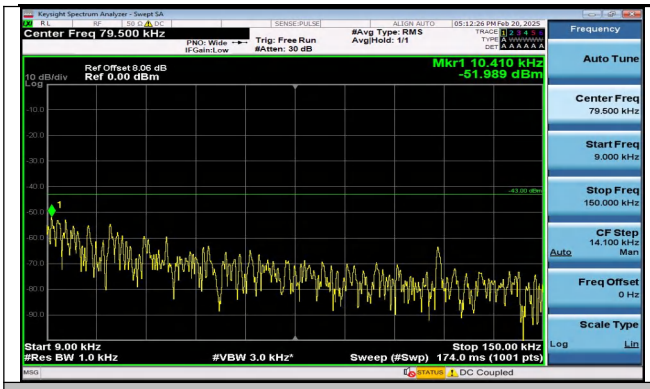


Band4_20MHz_QPSK_20300_1RB#99_30~1000_30~1000

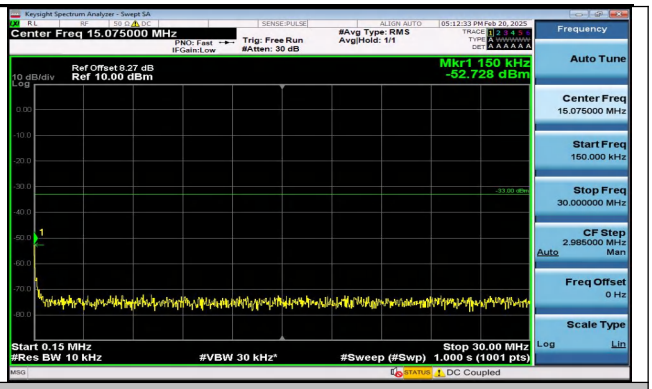


Band4_20MHz_QPSK_20300_1RB#99_1000~3000_1000~3000

Band4_20MHz_QPSK_20300_1RB#99_3000~20000_3000~20000

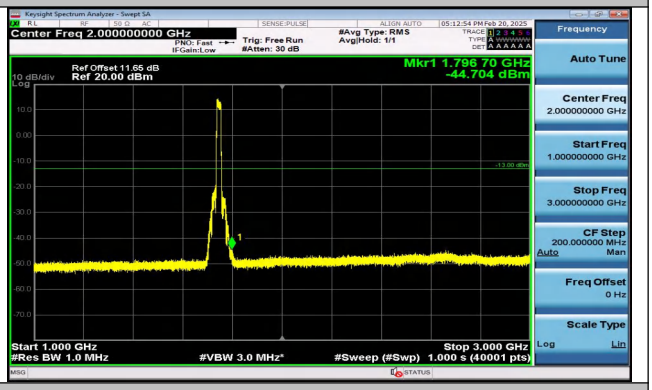


Band4_20MHz_QPSK_20300_100RB#0_0.009~0.15_0.009~0.15



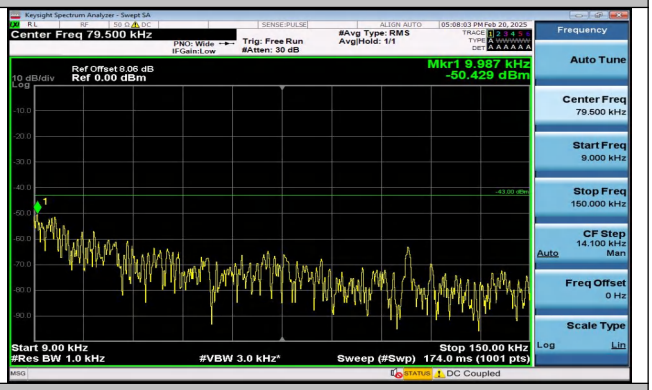
Band4_20MHz_QPSK_20300_100RB#0_0.15~30_0.15~30

Band4_20MHz_QPSK_20300_100RB#0_30~1000_30~1000

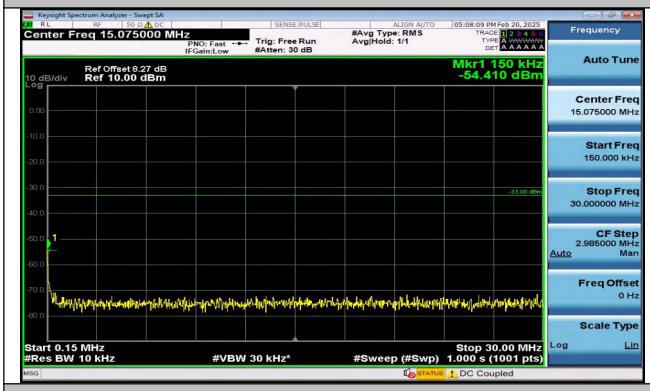


Band4_20MHz_QPSK_20300_100RB#0_1000~3000_1000~3000

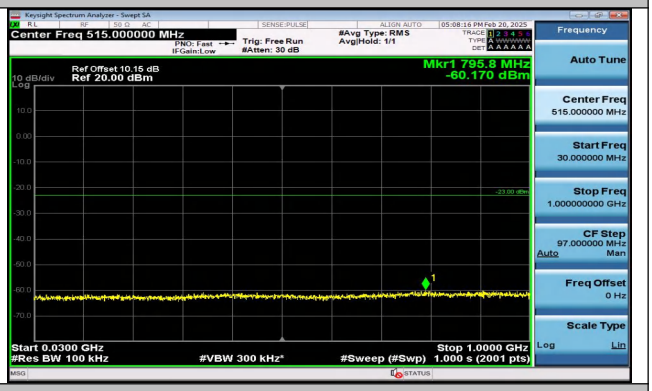
Band4_20MHz_QPSK_20300_100RB#0_3000~20000_3000~20000



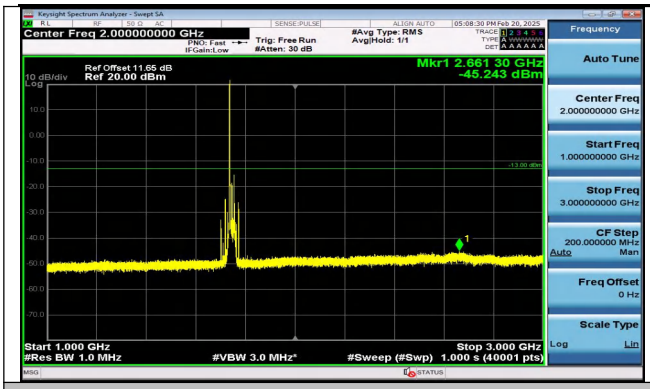
Band4_20MHz_16QAM_20300_1RB#0_0.009~0.15_0.009~0.15



Band4_20MHz_16QAM_20300_1RB#0_0.15~30_0.15~30

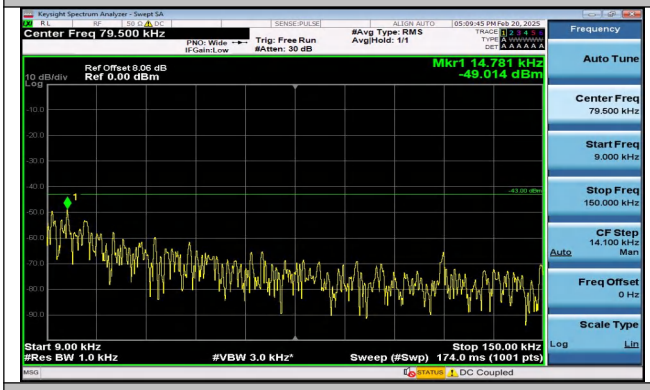


Band4_20MHz_16QAM_20300_1RB#0_30~1000_30~1000

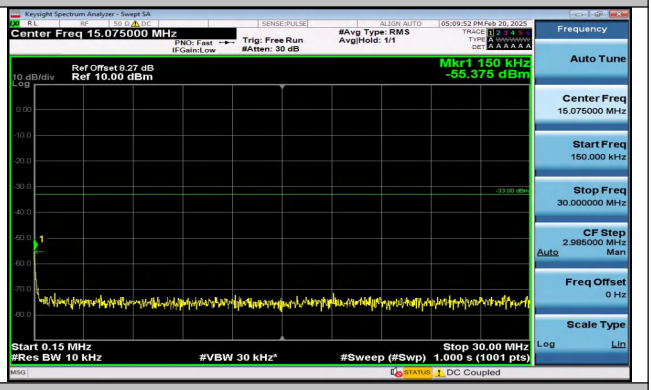


Band4_20MHz_16QAM_20300_1RB#0_1000~3000_1000~3000

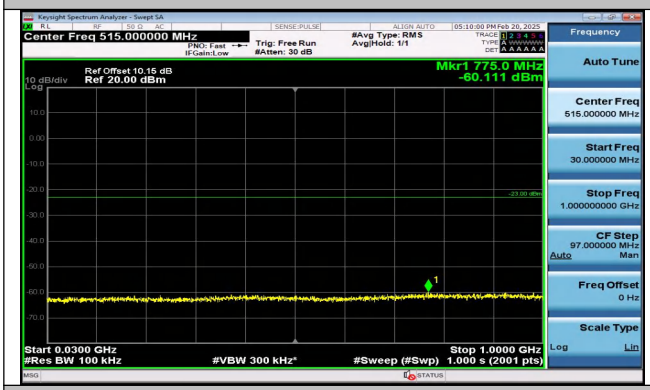
Band4_20MHz_16QAM_20300_1RB#0_3000~20000_3000~20000



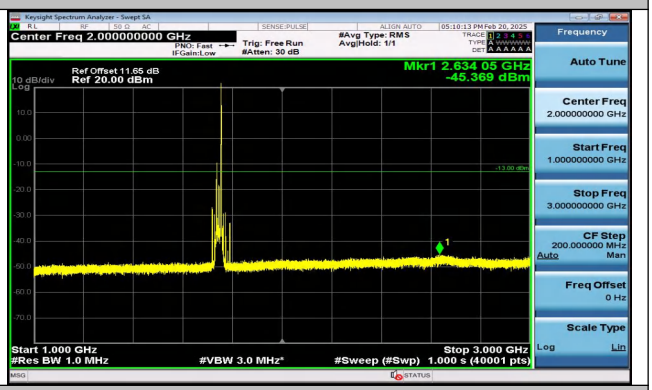
Band4_20MHz_16QAM_20300_1RB#99_0.009~0.15_0.009~0.15



Band4_20MHz_16QAM_20300_1RB#99_0.15~30_0.15~30



Band4_20MHz_16QAM_20300_1RB#99_30~1000_30~1000



Band4_20MHz_16QAM_20300_1RB#99_1000~3000_1000~3000

Band4_20MHz_16QAM_20300_1RB#99_3000~20000_3000~20000

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	23.57	0.013778	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VL	NT	24.70	0.014439	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	25.82	0.015093	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	12.19	0.007126	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	-16.81	-0.009826	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	-20.77	-0.012141	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	26.45	0.015267	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	24.86	0.014349	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	26.58	0.015342	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	13.89	0.008017	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	-14.13	-0.008156	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	-27.17	-0.015683	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	-26.87	-0.015317	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	19.21	0.010950	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	21.04	0.011993	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	24.16	0.013772	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	-13.73	-0.007826	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	-25.82	-0.014718	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VN	NT	-18.15	-0.010605	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VL	NT	23.02	0.013450	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VH	NT	15.36	0.008975	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VN	NT	-26.87	-0.015700	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VL	NT	-15.22	-0.008893	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VH	NT	-13.33	-0.007788	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VN	NT	-34.15	-0.019711	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VL	NT	-19.05	-0.010996	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VH	NT	-10.66	-0.006153	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VN	NT	-12.96	-0.007481	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VL	NT	-27.15	-0.015671	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VH	NT	-23.72	-0.013691	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VN	NT	-30.60	-0.017451	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VL	NT	17.34	0.009889	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VH	NT	22.86	0.013037	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VN	NT	-5.72	-0.003262	±2.5	PASS

Band4	3MHz	16QAM	20385	15RB#0	VL	NT	-21.64	-0.012341	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VH	NT	-12.37	-0.007054	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VN	NT	11.43	0.006674	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VL	NT	23.55	0.013752	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VH	NT	19.64	0.011469	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VN	NT	21.30	0.012438	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VL	NT	-26.28	-0.015346	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VH	NT	-10.60	-0.006190	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VN	NT	-24.70	-0.014257	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VL	NT	-17.64	-0.010182	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VH	NT	-15.06	-0.008693	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VN	NT	-22.75	-0.013131	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VL	NT	-26.21	-0.015128	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VH	NT	-18.94	-0.010932	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VN	NT	-31.96	-0.018237	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VL	NT	25.95	0.014807	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VH	NT	25.73	0.014682	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VN	NT	14.96	0.008536	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VL	NT	-20.44	-0.011663	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VH	NT	-13.19	-0.007526	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VN	NT	27.78	0.016198	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VL	NT	24.89	0.014513	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VH	NT	22.36	0.013038	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VN	NT	-35.63	-0.020566	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VL	NT	-25.46	-0.014696	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VH	NT	-24.05	-0.013882	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VN	NT	-24.75	-0.014143	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VL	NT	24.55	0.014029	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VH	NT	22.57	0.012897	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VN	NT	19.80	0.011528	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VL	NT	22.63	0.013176	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VH	NT	23.26	0.013543	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VN	NT	-30.53	-0.017622	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VL	NT	-24.05	-0.013882	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VH	NT	-23.45	-0.013535	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VN	NT	-29.13	-0.016670	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VL	NT	26.31	0.015056	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VH	NT	17.72	0.010140	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	17.05	0.009913	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	21.43	0.012459	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	25.49	0.014820	±2.5	PASS

Band4	20MHz	QPSK	20175	100RB#0	VN	NT	-34.83	-0.020104	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-21.54	-0.012433	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-24.58	-0.014188	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-34.05	-0.019513	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	17.19	0.009851	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	17.64	0.010109	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	23.80	0.013912	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	19.54	0.011422	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-10	21.14	0.012358	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	25.75	0.015052	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	21.00	0.012276	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	24.59	0.014374	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	30	18.67	0.010914	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	40	14.65	0.008564	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	50	20.07	0.011732	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	-20.56	-0.012018	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	-24.96	-0.014591	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-10	-24.03	-0.014047	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	-10.86	-0.006348	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	-7.77	-0.004542	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	6.32	0.003694	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	30	20.03	0.011709	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	40	14.02	0.008195	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	50	12.39	0.007243	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	20.99	0.012115	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	15.58	0.008993	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-10	12.19	0.007036	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	19.66	0.011348	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	18.28	0.010551	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	26.79	0.015463	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	30	12.73	0.007348	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	40	26.32	0.015192	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	50	15.79	0.009114	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	-16.47	-0.009506	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	-17.70	-0.010216	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-10	-24.50	-0.014141	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	-20.34	-0.011740	±2.5	PASS

Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	-8.44	-0.004872	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	-13.78	-0.007954	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	30	-14.38	-0.008300	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	40	-10.56	-0.006095	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	50	-23.46	-0.013541	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	21.62	0.012324	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	20.36	0.011606	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-10	23.03	0.013128	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	14.49	0.008260	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	24.60	0.014023	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	18.53	0.010563	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	30	12.22	0.006966	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	40	12.47	0.007108	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	50	17.57	0.010015	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	-11.14	-0.006350	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	-18.50	-0.010546	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-10	-23.13	-0.013185	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	-14.51	-0.008271	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	-21.00	-0.011971	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	-20.93	-0.011931	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	30	-17.90	-0.010203	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	40	-10.76	-0.006134	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	50	-5.18	-0.002953	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-30	22.60	0.013205	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-20	24.42	0.014268	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-10	21.01	0.012276	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	0	21.72	0.012691	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	10	17.12	0.010003	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	20	9.96	0.005819	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	30	7.94	0.004639	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	40	14.19	0.008291	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	50	19.30	0.011277	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-30	-10.60	-0.006193	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-20	-26.01	-0.015197	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-10	-13.99	-0.008174	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	0	-19.11	-0.011166	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	10	-25.86	-0.015110	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	20	-25.75	-0.015045	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	30	-21.49	-0.012556	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	40	-8.96	-0.005235	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	50	-13.32	-0.007783	±2.5	PASS

Band4	3MHz	QPSK	20175	15RB#0	NV	-30	-22.14	-0.012779	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-20	-9.37	-0.005408	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-10	-17.41	-0.010049	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	0	-17.84	-0.010297	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	10	-10.76	-0.006211	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	20	-10.36	-0.005980	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	30	-14.63	-0.008444	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	40	-15.21	-0.008779	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	50	-9.74	-0.005622	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-30	-16.55	-0.009553	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-20	-17.72	-0.010228	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-10	-19.50	-0.011255	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	0	-10.64	-0.006141	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	10	-24.02	-0.013864	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	20	-10.20	-0.005887	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	30	-26.89	-0.015521	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	40	-18.70	-0.010794	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	50	-21.89	-0.012635	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-30	15.36	0.008760	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-20	11.17	0.006370	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-10	18.08	0.010311	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	0	26.21	0.014947	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	10	11.32	0.006456	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	20	11.47	0.006541	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	30	19.21	0.010955	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	40	16.06	0.009159	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	50	11.52	0.006570	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-30	-21.99	-0.012541	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-20	-10.91	-0.006222	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-10	-20.64	-0.011771	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	0	-20.37	-0.011617	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	10	-10.56	-0.006022	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	20	-12.43	-0.007089	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	30	-12.49	-0.007123	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	40	-26.24	-0.014964	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	50	-17.55	-0.010009	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-30	24.00	0.014015	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-20	13.06	0.007626	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-10	13.75	0.008029	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	0	14.66	0.008561	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	10	24.09	0.014067	±2.5	PASS

Band4	5MHz	QPSK	19975	25RB#0	NV	20	11.87	0.006931	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	30	18.57	0.010844	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	40	23.30	0.013606	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	50	14.23	0.008309	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-30	-17.24	-0.010067	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-20	-14.53	-0.008485	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-10	-13.89	-0.008111	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	0	-25.05	-0.014628	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	10	-23.37	-0.013647	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	20	-13.33	-0.007784	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	30	-10.16	-0.005933	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	40	-20.61	-0.012035	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	50	-9.57	-0.005588	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-30	-23.47	-0.013547	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-20	-16.31	-0.009414	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-10	-22.34	-0.012895	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	0	-8.75	-0.005051	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	10	-24.33	-0.014043	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	20	-13.90	-0.008023	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	30	-13.33	-0.007694	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	40	-9.23	-0.005328	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	50	-13.66	-0.007885	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-30	-13.69	-0.007902	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-20	-15.44	-0.008912	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-10	-25.09	-0.014482	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	0	-20.51	-0.011838	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	10	-13.16	-0.007596	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	20	-16.06	-0.009270	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	30	-12.62	-0.007284	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	40	-16.08	-0.009281	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	50	-15.25	-0.008802	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-30	24.75	0.014123	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-20	24.52	0.013991	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-10	26.46	0.015098	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	0	10.81	0.006168	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	10	26.26	0.014984	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	20	11.50	0.006562	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	30	16.81	0.009592	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	40	19.05	0.010870	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	50	10.29	0.005872	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-30	-14.91	-0.008508	±2.5	PASS

Band4	5MHz	16QAM	20375	25RB#0	NV	-20	-11.23	-0.006408	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-10	-20.90	-0.011926	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	0	-14.26	-0.008137	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	10	-21.17	-0.012080	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	20	-21.87	-0.012479	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	30	-20.26	-0.011561	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	40	-16.21	-0.009250	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	50	-24.22	-0.013820	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-30	21.59	0.012589	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-20	21.39	0.012472	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-10	23.00	0.013411	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	0	20.93	0.012204	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	10	24.99	0.014571	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	20	20.70	0.012070	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	30	18.53	0.010805	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	40	23.57	0.013743	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	50	21.27	0.012402	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-30	-23.69	-0.013674	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-20	-14.92	-0.008612	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-10	-14.92	-0.008612	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	0	-26.75	-0.015440	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	10	-19.60	-0.011313	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	20	-22.73	-0.013120	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	30	-18.71	-0.010799	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	40	-21.63	-0.012485	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	50	-23.03	-0.013293	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-30	10.51	0.006006	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-20	23.73	0.013560	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-10	25.95	0.014829	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	0	17.60	0.010057	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	10	20.24	0.011566	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	20	14.42	0.008240	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	30	22.95	0.013114	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	40	11.86	0.006777	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	50	16.15	0.009229	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-30	24.65	0.014352	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-20	17.74	0.010329	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-10	24.38	0.014195	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	0	25.73	0.014981	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	10	18.38	0.010702	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	20	17.34	0.010096	±2.5	PASS

Band4	15MHz	QPSK	20025	75RB#0	NV	30	15.48	0.009013	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	40	15.74	0.009164	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	50	26.68	0.015534	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-30	-20.04	-0.011567	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-20	-25.41	-0.014667	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-10	-15.12	-0.008727	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	0	-23.67	-0.013662	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	10	-12.60	-0.007273	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	20	-13.95	-0.008052	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	30	-15.75	-0.009091	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	40	-26.54	-0.015319	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	50	-14.35	-0.008283	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-30	23.69	0.013557	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-20	20.63	0.011805	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-10	19.68	0.011262	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	0	21.80	0.012475	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	10	11.90	0.006810	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	20	20.73	0.011863	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	30	20.57	0.011771	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	40	22.40	0.012818	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	50	17.34	0.009923	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	22.53	0.013099	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	23.32	0.013558	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-10	20.87	0.012134	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	19.66	0.011430	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	25.52	0.014837	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	23.10	0.013430	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	16.06	0.009337	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	17.54	0.010198	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	22.62	0.013151	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-17.71	-0.010222	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-15.41	-0.008895	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	-18.07	-0.010430	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-9.93	-0.005732	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-23.90	-0.013795	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-24.58	-0.014188	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-21.13	-0.012196	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-24.32	-0.014038	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-22.89	-0.013212	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	15.25	0.008739	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	21.54	0.012344	±2.5	PASS

Band4	20MHz	QPSK	20300	100RB#0	NV	-10	19.87	0.011387	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	11.47	0.006573	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	3.89	0.002229	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-11.52	-0.006602	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-20.37	-0.011673	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-14.20	-0.008138	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-23.46	-0.013444	±2.5	PASS