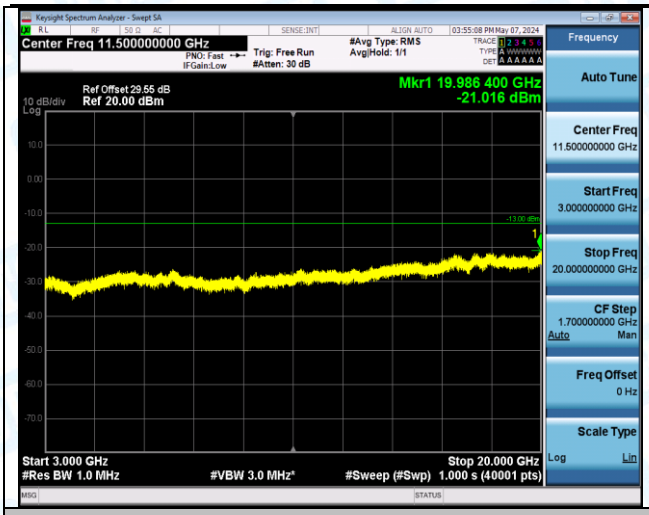
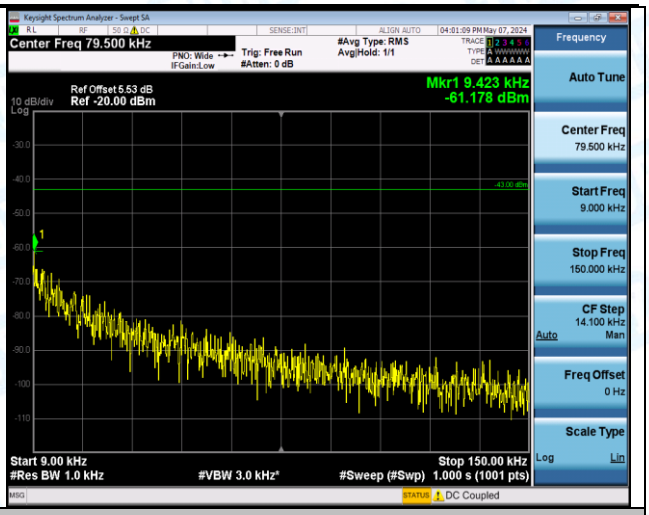
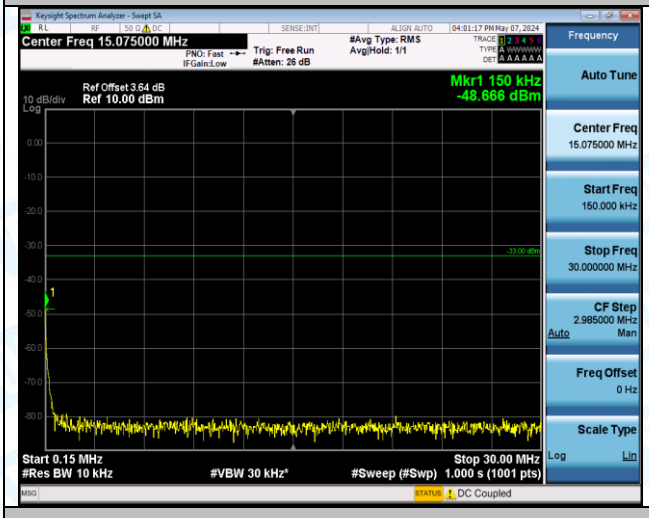


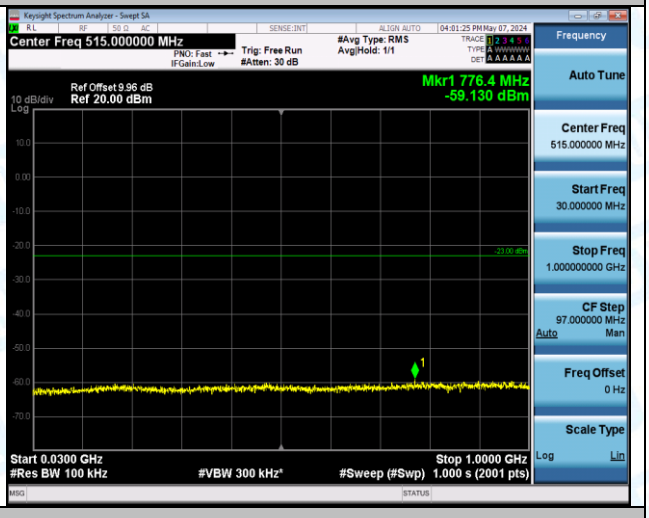
Band2_20MHz_QPSK_18900_100RB#0_0.15~30_0.15~30



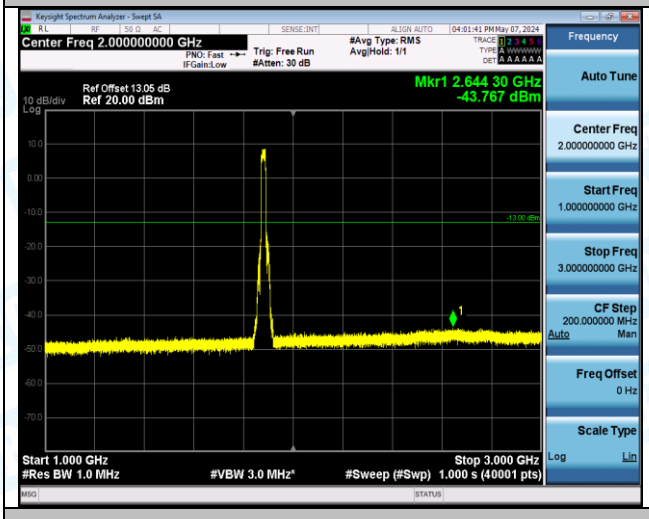
Band2_20MHz_QPSK_18900_100RB#0_30~1000_30~1000



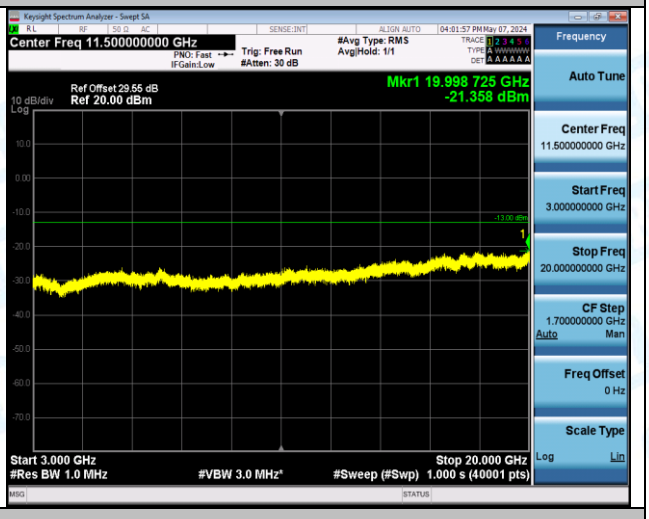
Band2_20MHz_QPSK_18900_100RB#0_1000~3000_1000~3000



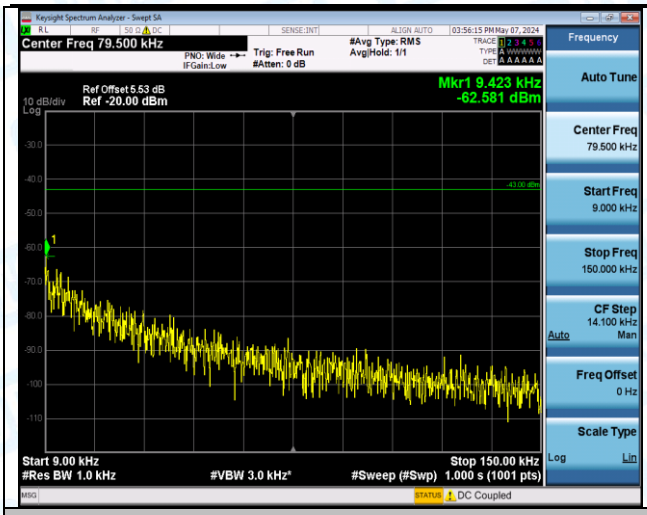
Band2_20MHz_QPSK_18900_100RB#0_3000~20000_3000~20000



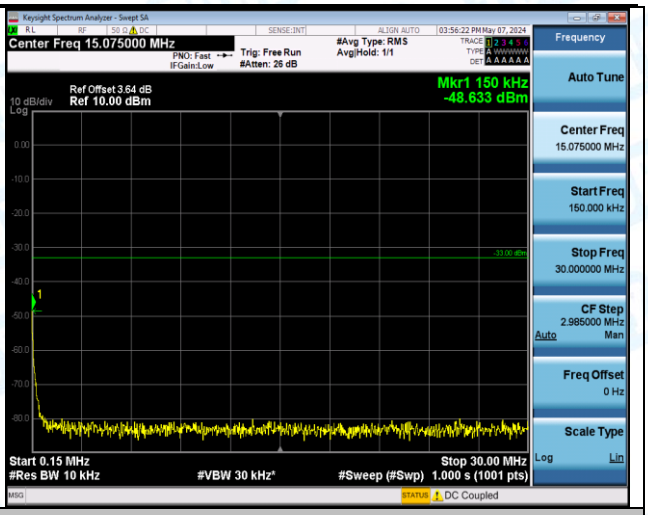
Band2_20MHz_QPSK_19100_1RB#0_0.009~0.15_0.009~0.15



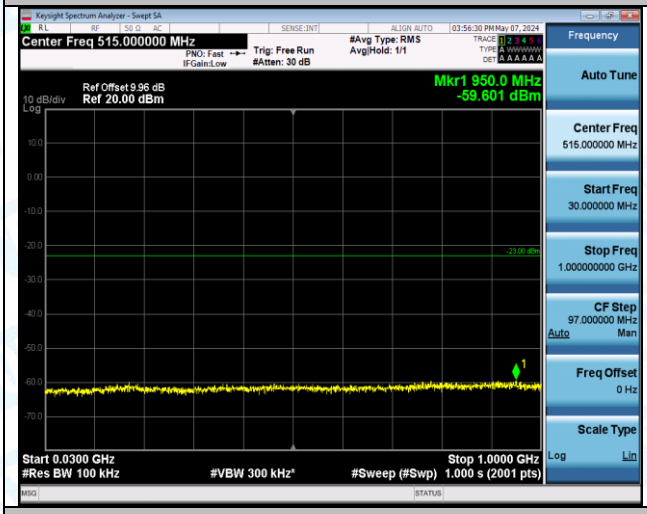
Band2_20MHz_QPSK_19100_1RB#0_0.15~30_0.15~30



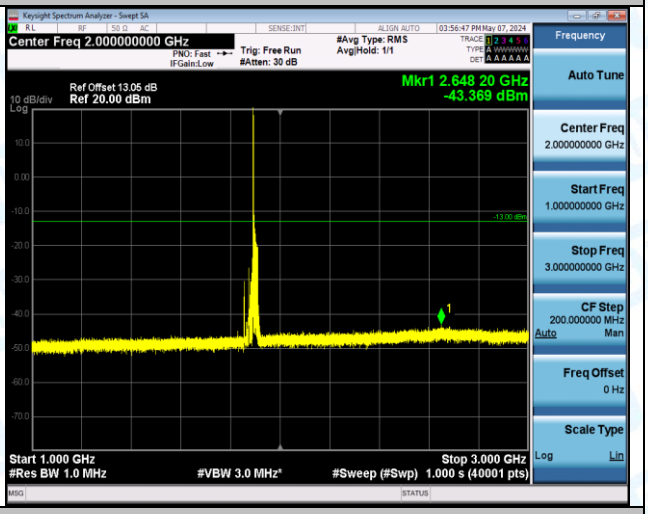
Band2_20MHz_QPSK_19100_1RB#0_30~1000_30~1000



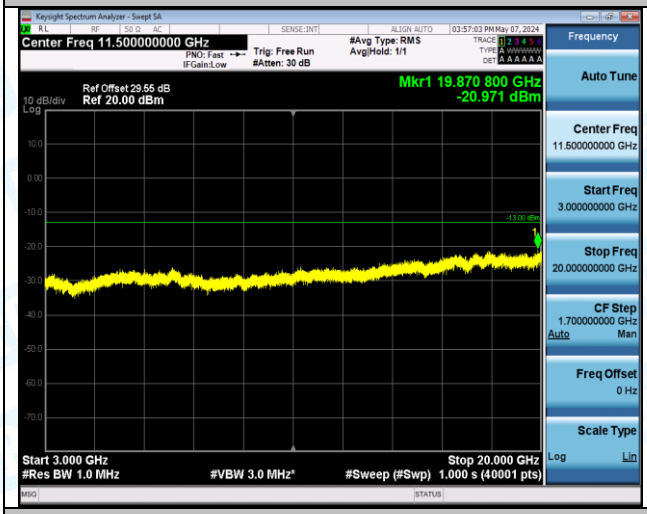
Band2_20MHz_QPSK_19100_1RB#0_1000~3000_1000~3000



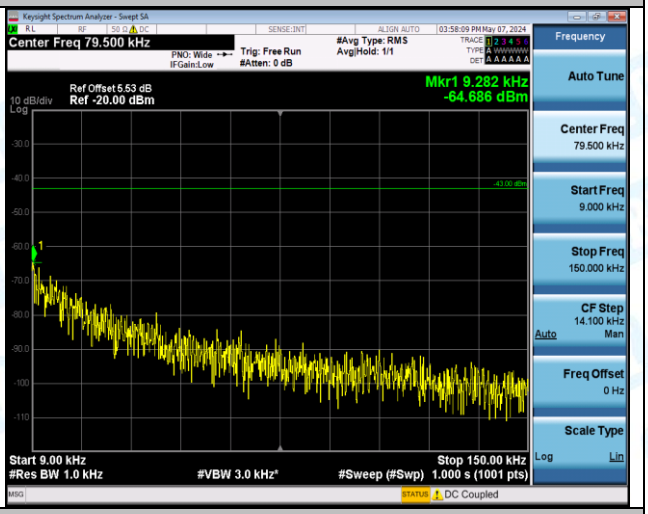
Band2_20MHz_QPSK_19100_1RB#0_3000~20000_3000~20000



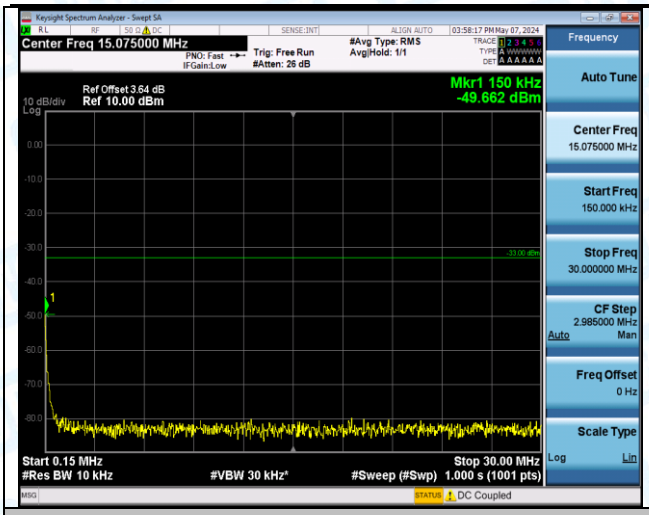
Band2_20MHz_QPSK_19100_1RB#99_0.009~0.15_0.009~0.15



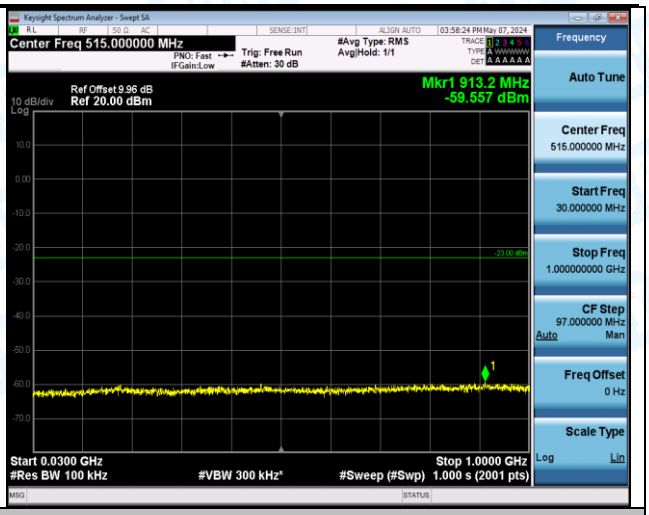
Band2_20MHz_QPSK_19100_1RB#99_0.15~30_0.15~30



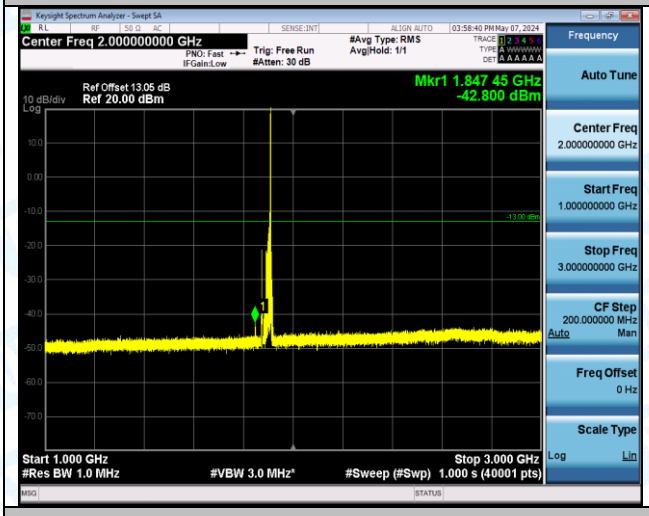
Band2_20MHz_QPSK_19100_1RB#99_30~1000_30~1000



Band2_20MHz_QPSK_19100_1RB#99_1000~3000_1000~3000

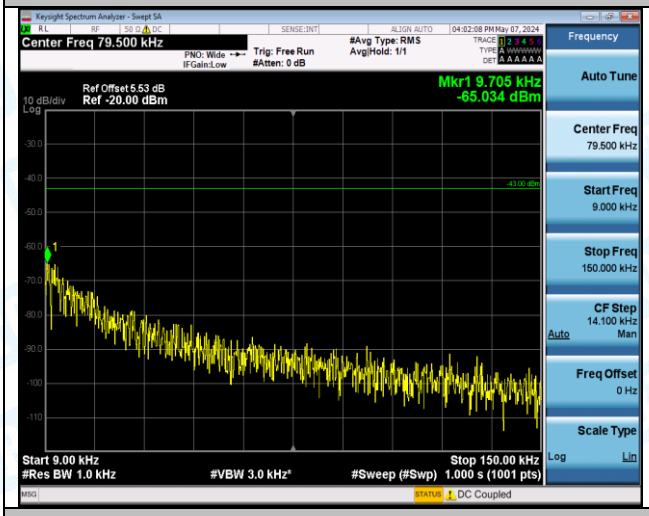


Band2_20MHz_QPSK_19100_1RB#99_3000~20000_3000~20000

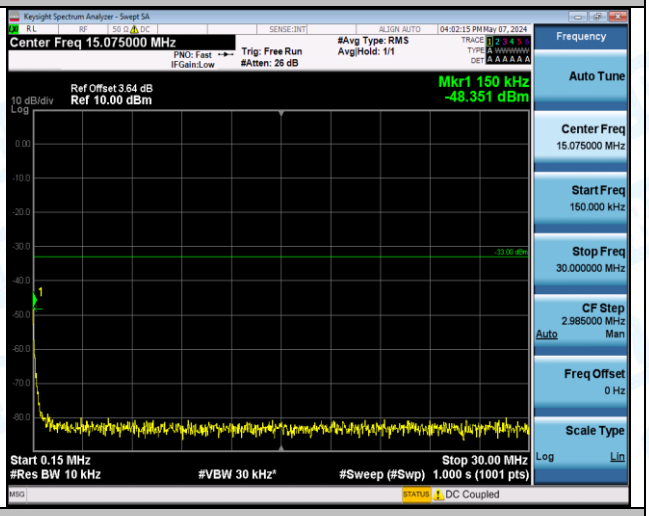


Band2_20MHz_QPSK_19100_100RB#0_0.009~0.15_0.009~0.15

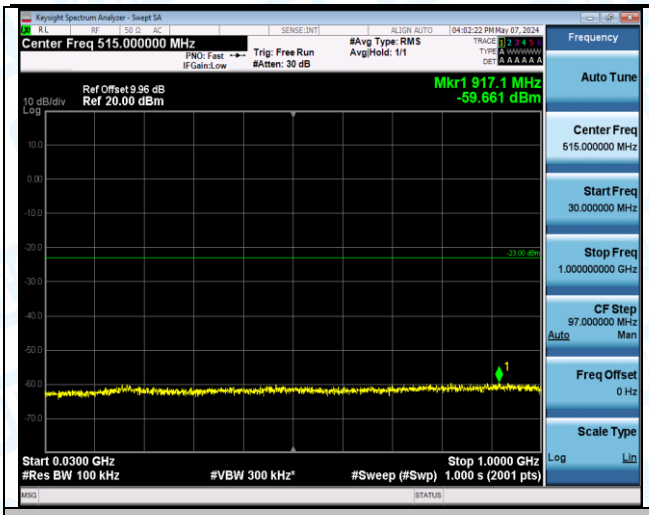
Band2_20MHz_QPSK_19100_100RB#0_0.15~30_0.15~30



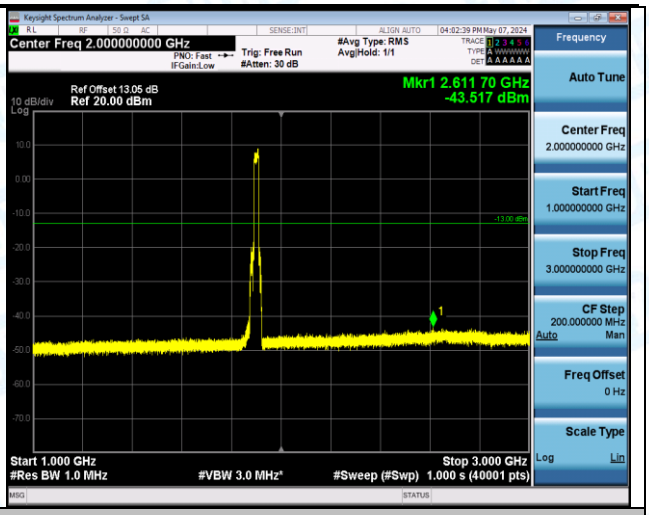
Band2_20MHz_QPSK_19100_100RB#0_30~1000_30~1000



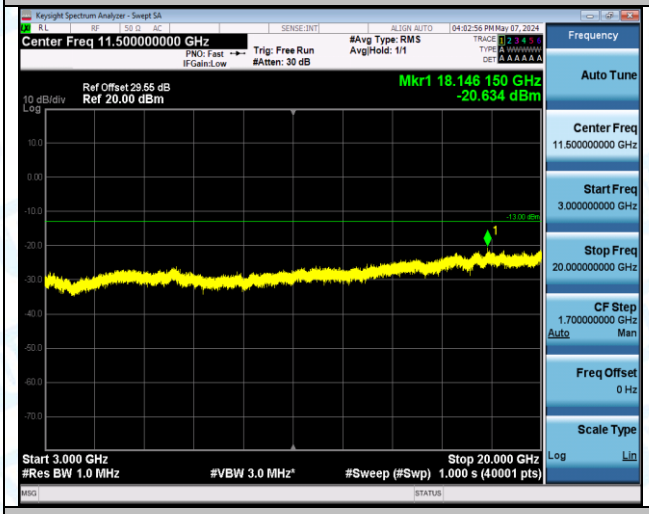
Band2_20MHz_QPSK_19100_100RB#0_1000~3000_1000~3000



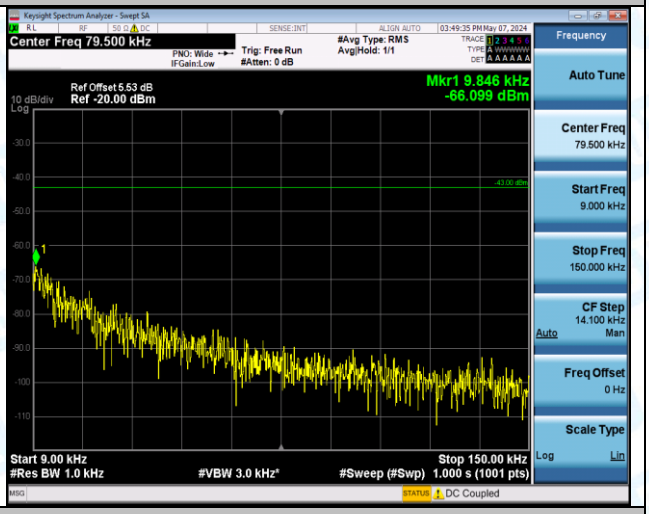
Band2_20MHz_QPSK_19100_100RB#0_3000~20000_3000~20000



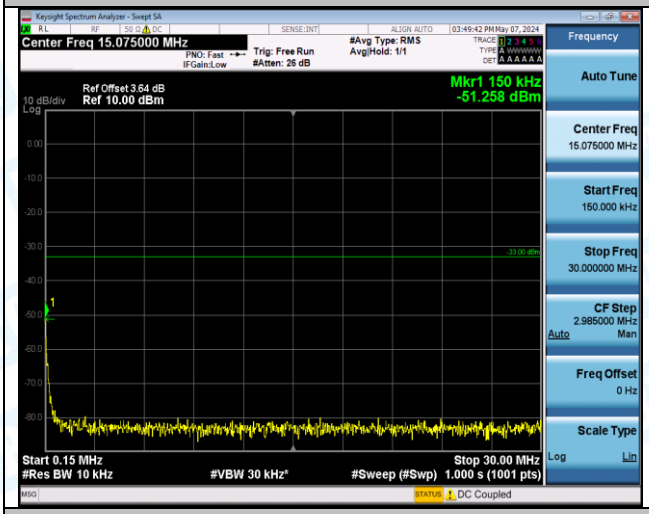
Band2_20MHz_16QAM_18700_1RB#0_0.009~0.15_0.009~0.15



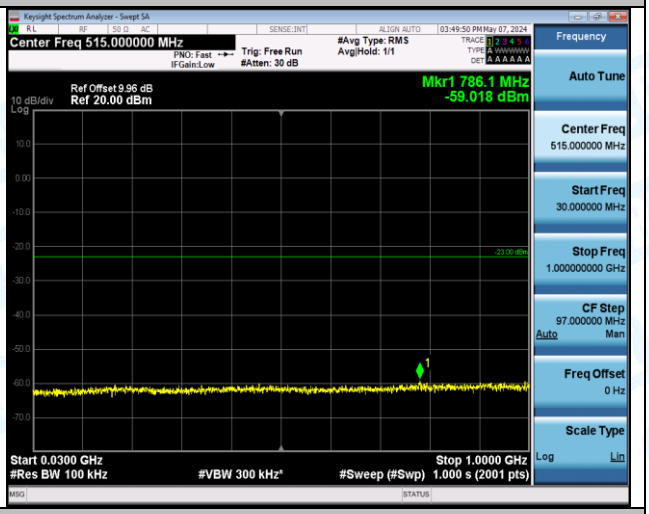
Band2_20MHz_16QAM_18700_1RB#0_0.15~30_0.15~30



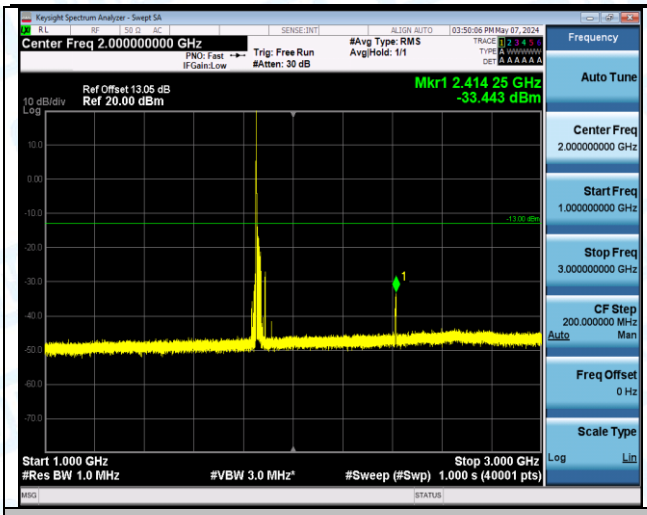
Band2_20MHz_16QAM_18700_1RB#0_30~1000_30~1000



Band2_20MHz_16QAM_18700_1RB#0_1000~3000_1000~3000

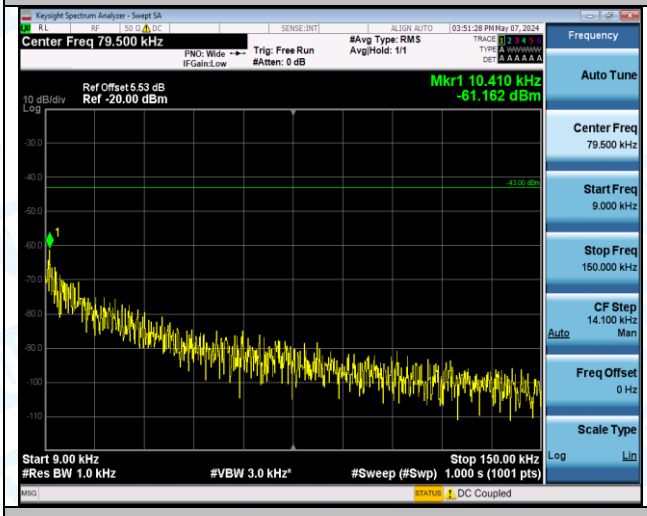


Band2_20MHz_16QAM_18700_1RB#0_3000~20000_3000~20000

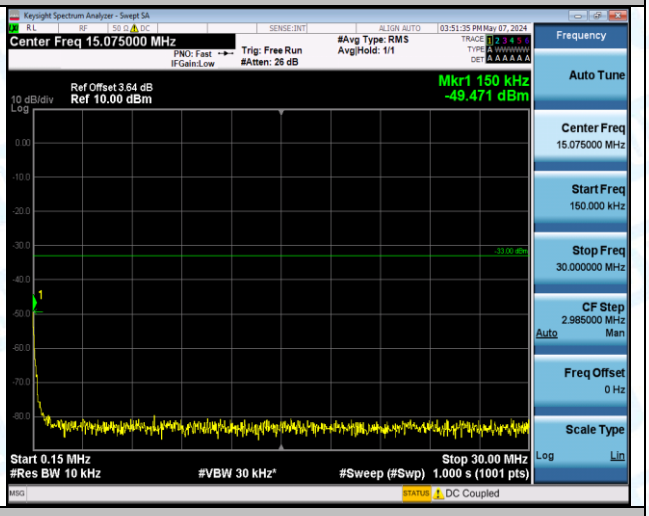


Band2_20MHz_16QAM_18700_1RB#99_0.009~0.15_0.009~0.15

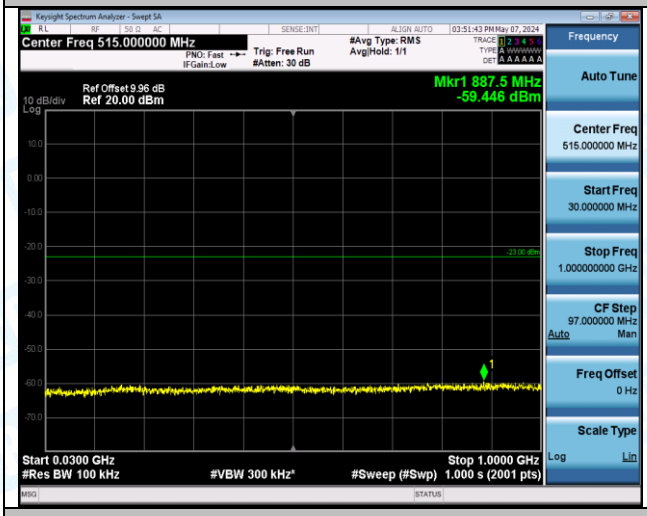
Band2_20MHz_16QAM_18700_1RB#99_0.15~30_0.15~30



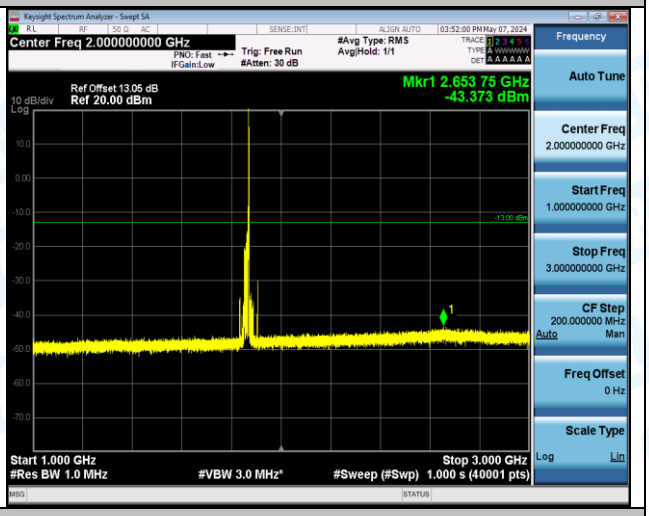
Band2_20MHz_16QAM_18700_1RB#99_30~1000_30~1000



Band2_20MHz_16QAM_18700_1RB#99_1000~3000_1000~3000

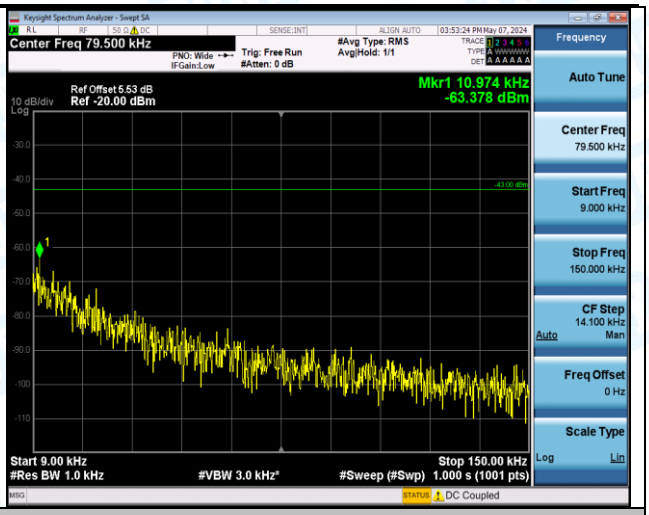


Band2_20MHz_16QAM_18700_1RB#99_3000~20000_3000~20000

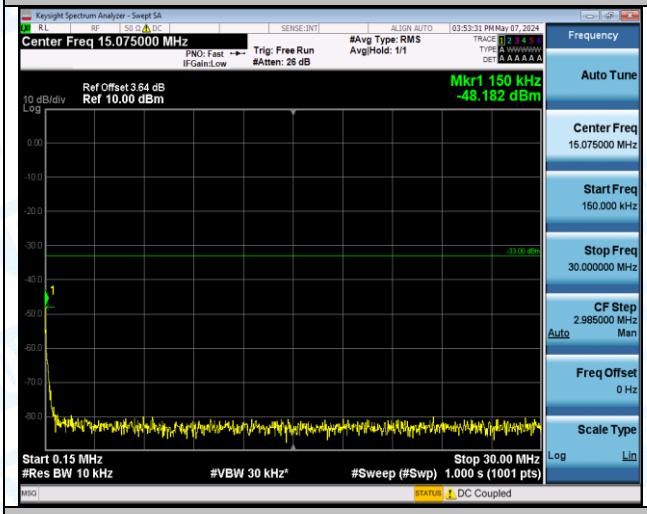


Band2_20MHz_16QAM_18900_1RB#0_0.009~0.15_0.009~0.15

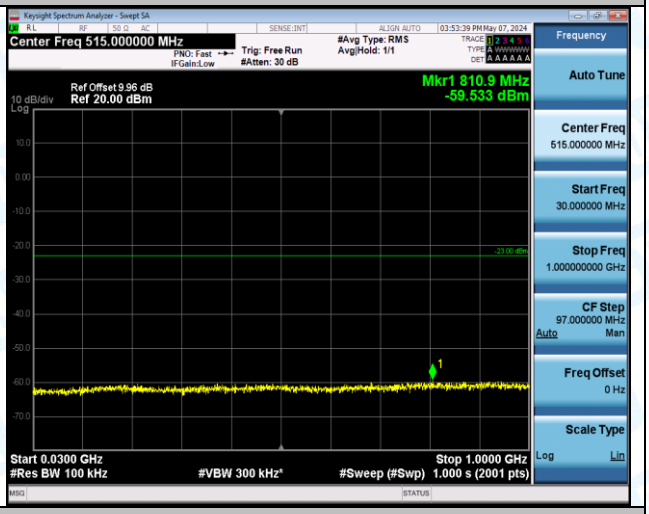
Band2_20MHz_16QAM_18900_1RB#0_0.15~30_0.15~30



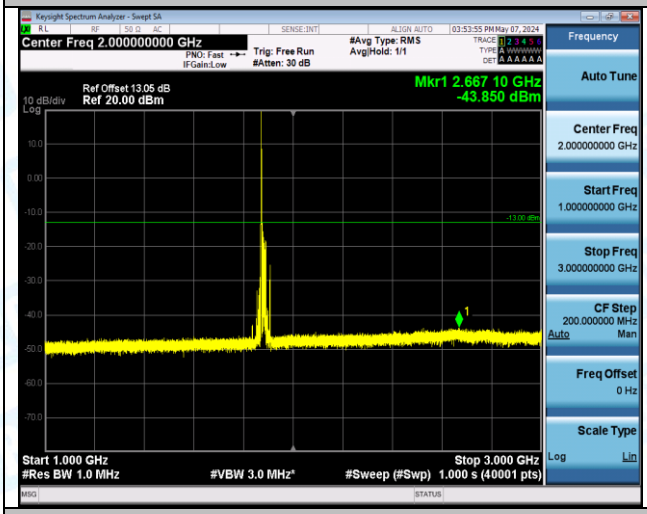
Band2_20MHz_16QAM_18900_1RB#0_30~1000_30~1000



Band2_20MHz_16QAM_18900_1RB#0_1000~3000_1000~3000

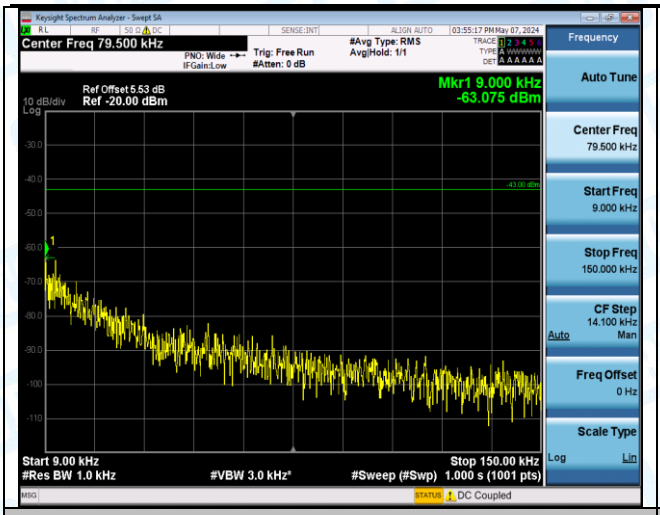


Band2_20MHz_16QAM_18900_1RB#0_3000~20000_3000~20000

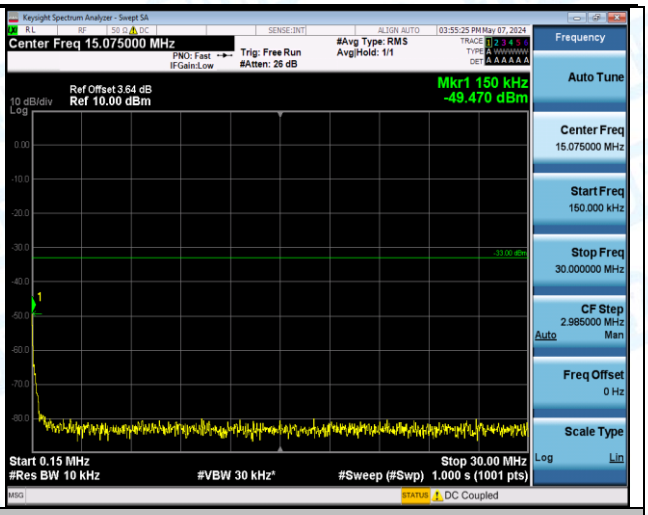


Band2_20MHz_16QAM_18900_1RB#99_0.009~0.15_0.009~0.15

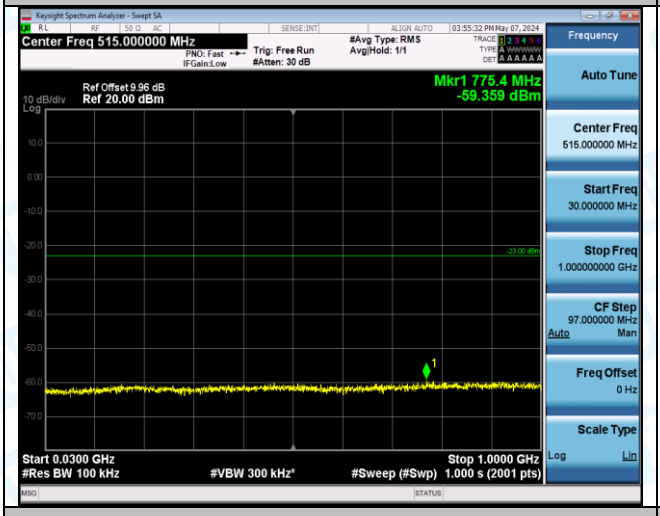
Band2_20MHz_16QAM_18900_1RB#99_0.15~30_0.15~30



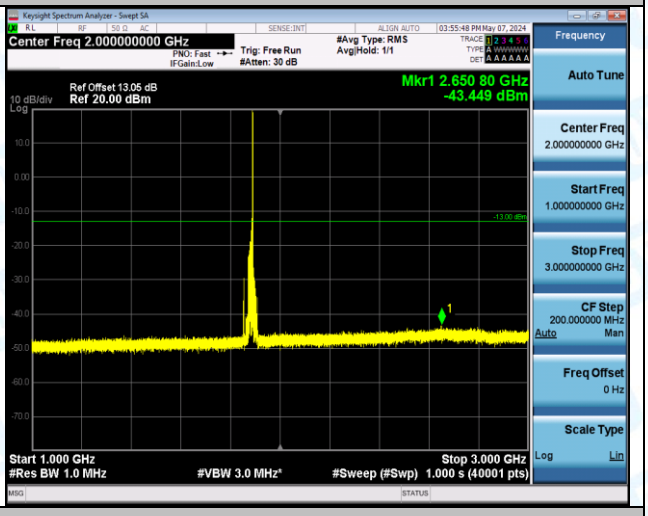
Band2_20MHz_16QAM_18900_1RB#99_30~1000_30~1000



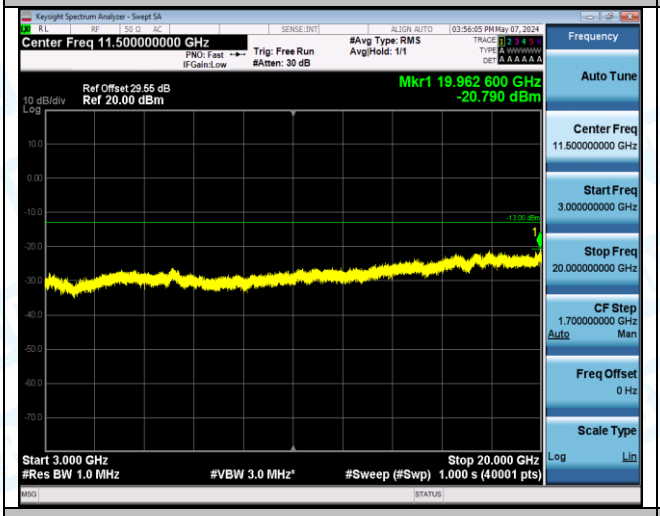
Band2_20MHz_16QAM_18900_1RB#99_1000~3000_1000~3000



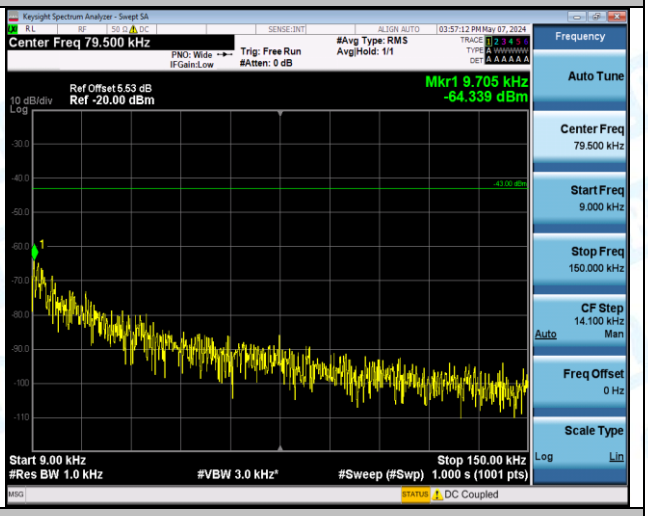
Band2_20MHz_16QAM_18900_1RB#99_3000~20000_3000~20000



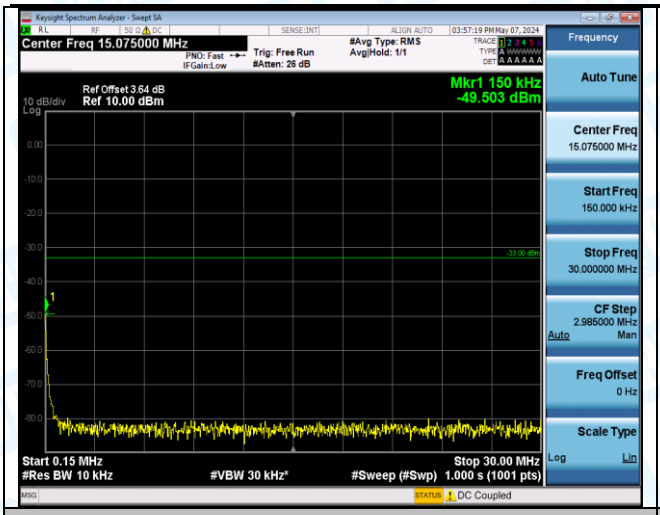
Band2_20MHz_16QAM_19100_1RB#0_0.009~0.15_0.009~0.15



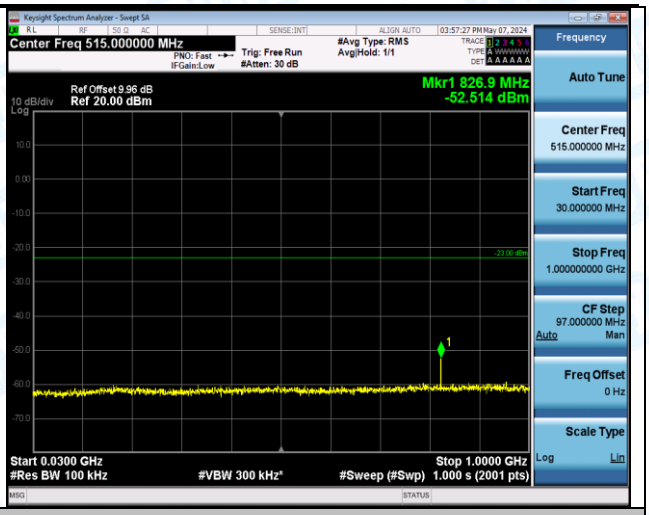
Band2_20MHz_16QAM_19100_1RB#0_0.15~30_0.15~30



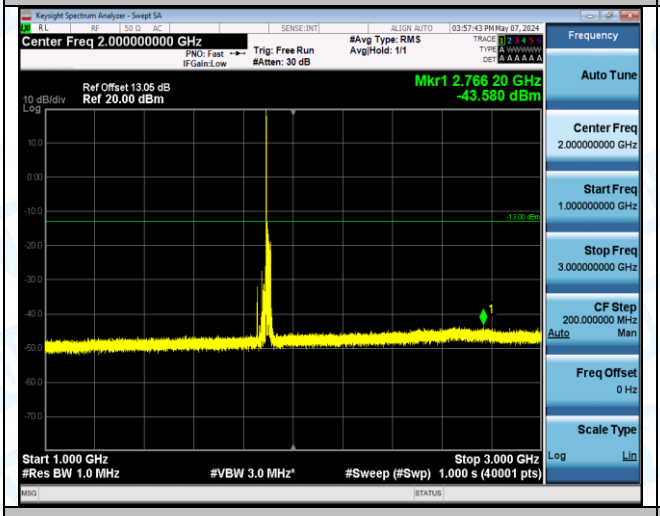
Band2_20MHz_16QAM_19100_1RB#0_30~1000_30~1000



Band2_20MHz_16QAM_19100_1RB#0_1000~3000_1000~3000

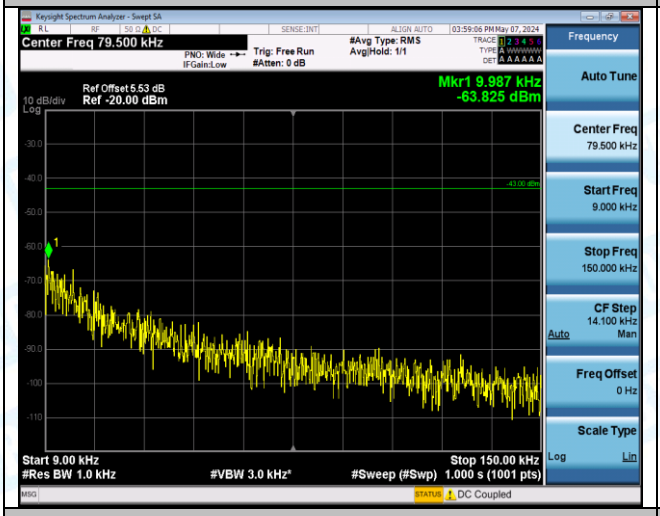


Band2_20MHz_16QAM_19100_1RB#0_3000~20000_3000~20000

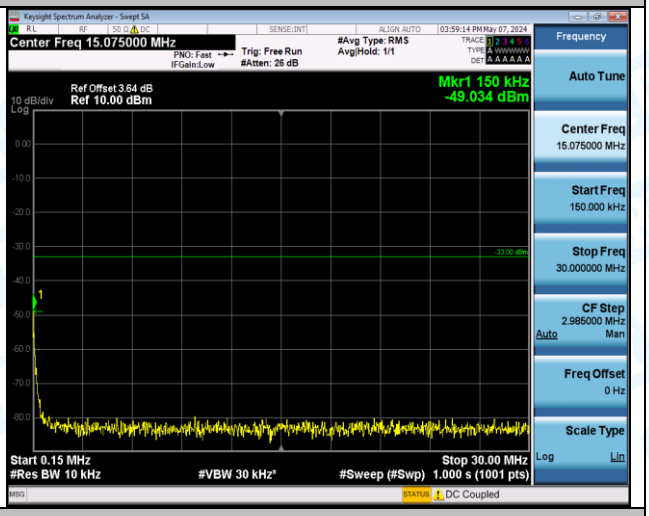


Band2_20MHz_16QAM_19100_1RB#99_0.009~0.15_0.009~0.15

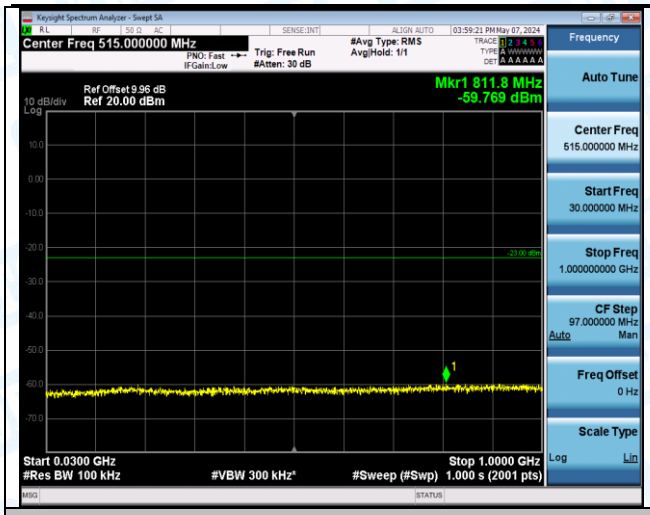
Band2_20MHz_16QAM_19100_1RB#99_0.15~30_0.15~30

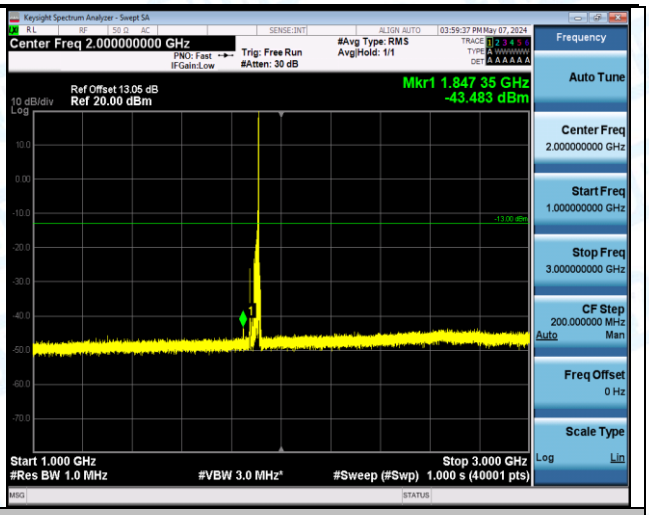


Band2_20MHz_16QAM_19100_1RB#99_30~1000_30~1000

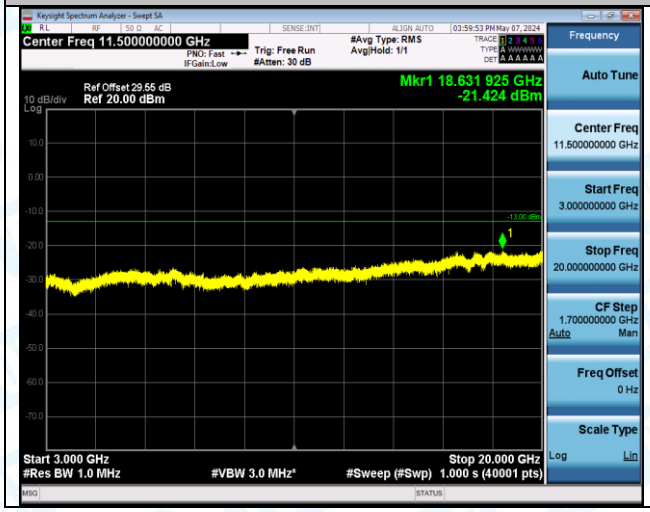


Band2_20MHz_16QAM_19100_1RB#99_1000~3000_1000~3000





Band2_20MHz_16QAM_19100_1RB#99_3000~20000_3000~20000



6: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	VN	NT	-57.19	-0.030902	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	VL	NT	8.15	0.004404	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	VH	NT	-13.60	-0.007349	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VN	NT	39.24	0.020872	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VL	NT	-25.18	-0.013394	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VH	NT	-26.35	-0.014016	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VN	NT	15.08	0.007898	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VL	NT	-8.58	-0.004494	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VH	NT	36.99	0.019374	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VN	NT	6.92	0.003739	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VL	NT	-13.62	-0.007359	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VH	NT	-12.73	-0.006878	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VN	NT	-10.97	-0.005835	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VL	NT	21.56	0.011468	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VH	NT	43.92	0.023362	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VN	NT	21.27	0.011140	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VL	NT	-8.50	-0.004452	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VH	NT	-6.98	-0.003656	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VN	NT	19.23	0.010386	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VL	NT	11.12	0.006006	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VH	NT	24.92	0.013459	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VN	NT	33.87	0.018016	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VL	NT	21.51	0.011441	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VH	NT	26.45	0.014069	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VN	NT	42.97	0.022515	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VL	NT	17.58	0.009211	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VH	NT	23.86	0.012502	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	VN	NT	-17.70	-0.009560	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	VL	NT	11.44	0.006179	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	VH	NT	27.62	0.014918	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VN	NT	42.99	0.022867	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VL	NT	22.22	0.011819	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VH	NT	44.40	0.023617	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	VN	NT	30.81	0.016144	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	VL	NT	17.92	0.009390	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	VH	NT	11.57	0.006062	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VN	NT	10.30	0.005560	±2.5	PASS

Band2	5MHz	QPSK	18625	25RB#0	VL	NT	12.03	0.006494	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VH	NT	-31.34	-0.016918	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VN	NT	27.92	0.014851	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VL	NT	-28.28	-0.015043	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VH	NT	-42.79	-0.022761	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VN	NT	44.95	0.023565	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VL	NT	31.21	0.016362	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VH	NT	19.51	0.010228	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VN	NT	-48.11	-0.025970	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VL	NT	-13.28	-0.007169	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VH	NT	-46.71	-0.025215	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VN	NT	9.88	0.005255	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VL	NT	-11.23	-0.005973	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VH	NT	-14.85	-0.007899	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VN	NT	39.61	0.020765	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VL	NT	49.14	0.025761	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VH	NT	55.06	0.028865	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VN	NT	-27.62	-0.014889	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VL	NT	-46.21	-0.024911	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VH	NT	-34.98	-0.018857	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VN	NT	23.99	0.012761	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VL	NT	-50.25	-0.026729	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VH	NT	-24.75	-0.013165	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VN	NT	12.15	0.006378	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VL	NT	6.92	0.003633	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VH	NT	50.70	0.026614	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VN	NT	9.01	0.004851	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VL	NT	-14.73	-0.007930	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VH	NT	14.68	0.007903	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VN	NT	52.11	0.027718	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VL	NT	36.08	0.019191	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VH	NT	28.65	0.015239	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VN	NT	28.04	0.014739	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VL	NT	16.09	0.008457	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VH	NT	14.99	0.007879	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	-63.43	-0.034102	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VL	NT	-43.44	-0.023355	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	-19.56	-0.010516	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	54.67	0.029080	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-22.09	-0.011750	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-23.22	-0.012351	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	22.03	0.011595	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-22.67	-0.011932	±2.5	PASS

Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-58.34	-0.030705	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	NV	-30	-8.51	-0.004598	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	-20	12.59	0.006803	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	-10	15.85	0.008564	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	0	31.03	0.016767	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	10	42.20	0.022802	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	20	47.51	0.025671	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	30	22.49	0.012152	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	40	19.53	0.010553	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	50	-9.33	-0.005041	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-30	-16.85	-0.008963	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-20	40.70	0.021649	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-10	37.22	0.019798	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	0	48.69	0.025899	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	10	4.01	0.002133	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	20	42.51	0.022612	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	30	29.21	0.015537	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	40	44.56	0.023702	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	50	7.08	0.003766	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	-30	51.11	0.026769	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	-20	32.90	0.017231	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	-10	-9.88	-0.005175	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	0	12.00	0.006285	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	10	55.92	0.029288	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	20	-12.89	-0.006751	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	30	42.23	0.022118	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	40	52.04	0.027256	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	50	46.95	0.024590	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	-30	3.86	0.002086	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	-20	-13.46	-0.007273	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	-10	-14.85	-0.008024	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	0	-16.44	-0.008883	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	10	-17.40	-0.009402	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	20	-18.97	-0.010250	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	30	-33.86	-0.018296	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	40	-30.13	-0.016280	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	50	-37.89	-0.020473	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-30	29.83	0.015867	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-20	23.66	0.012585	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-10	30.97	0.016473	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	0	45.86	0.024394	±2.5	PASS

Band2	1.4MHz	16QAM	18900	6RB#0	NV	10	54.83	0.029165	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	20	14.46	0.007691	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	30	12.97	0.006899	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	40	-18.12	-0.009638	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	50	-31.60	-0.016809	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	-30	30.30	0.015870	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	-20	33.47	0.017530	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	-10	52.11	0.027293	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	0	-13.20	-0.006914	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	10	-37.85	-0.019824	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	20	-15.51	-0.008123	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	30	-28.18	-0.014759	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	40	10.31	0.005400	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	50	12.79	0.006699	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	-30	44.27	0.023910	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	-20	-4.91	-0.002652	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	-10	13.43	0.007254	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	0	26.26	0.014183	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	10	9.94	0.005369	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	20	24.59	0.013281	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	30	39.83	0.021512	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	40	-19.87	-0.010732	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	50	-18.20	-0.009830	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-30	43.12	0.022936	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-20	22.59	0.012016	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-10	-20.28	-0.010787	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	0	27.29	0.014516	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	10	17.58	0.009351	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	20	51.68	0.027489	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	30	9.84	0.005234	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	40	41.50	0.022074	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	50	28.47	0.015144	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	-30	56.33	0.029515	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	-20	35.82	0.018769	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	-10	43.04	0.022552	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	0	28.07	0.014708	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	10	21.40	0.011213	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	20	46.16	0.024187	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	30	22.03	0.011543	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	40	17.82	0.009337	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	50	50.43	0.026424	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	-30	22.04	0.011904	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	-20	19.58	0.010575	±2.5	PASS