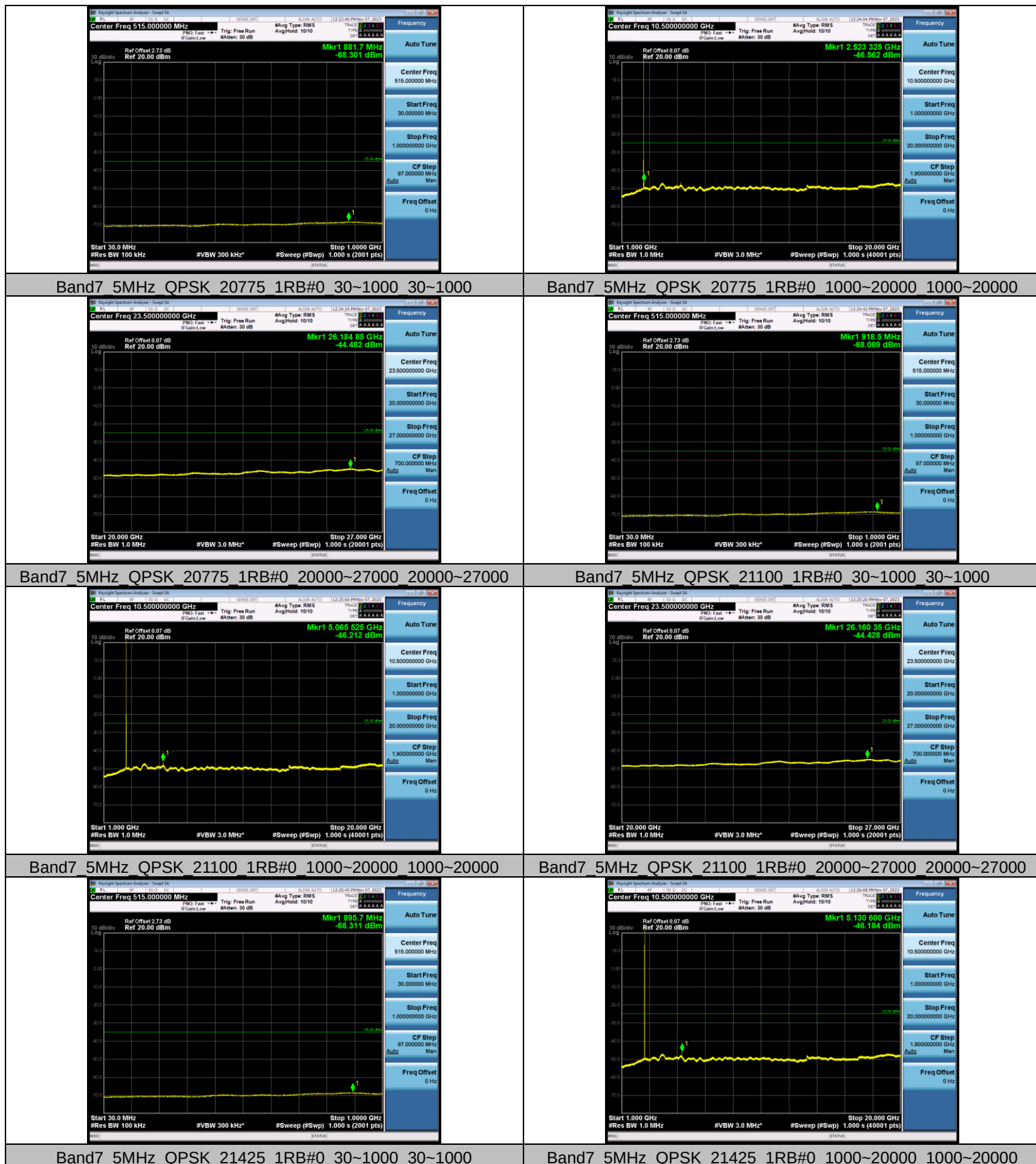


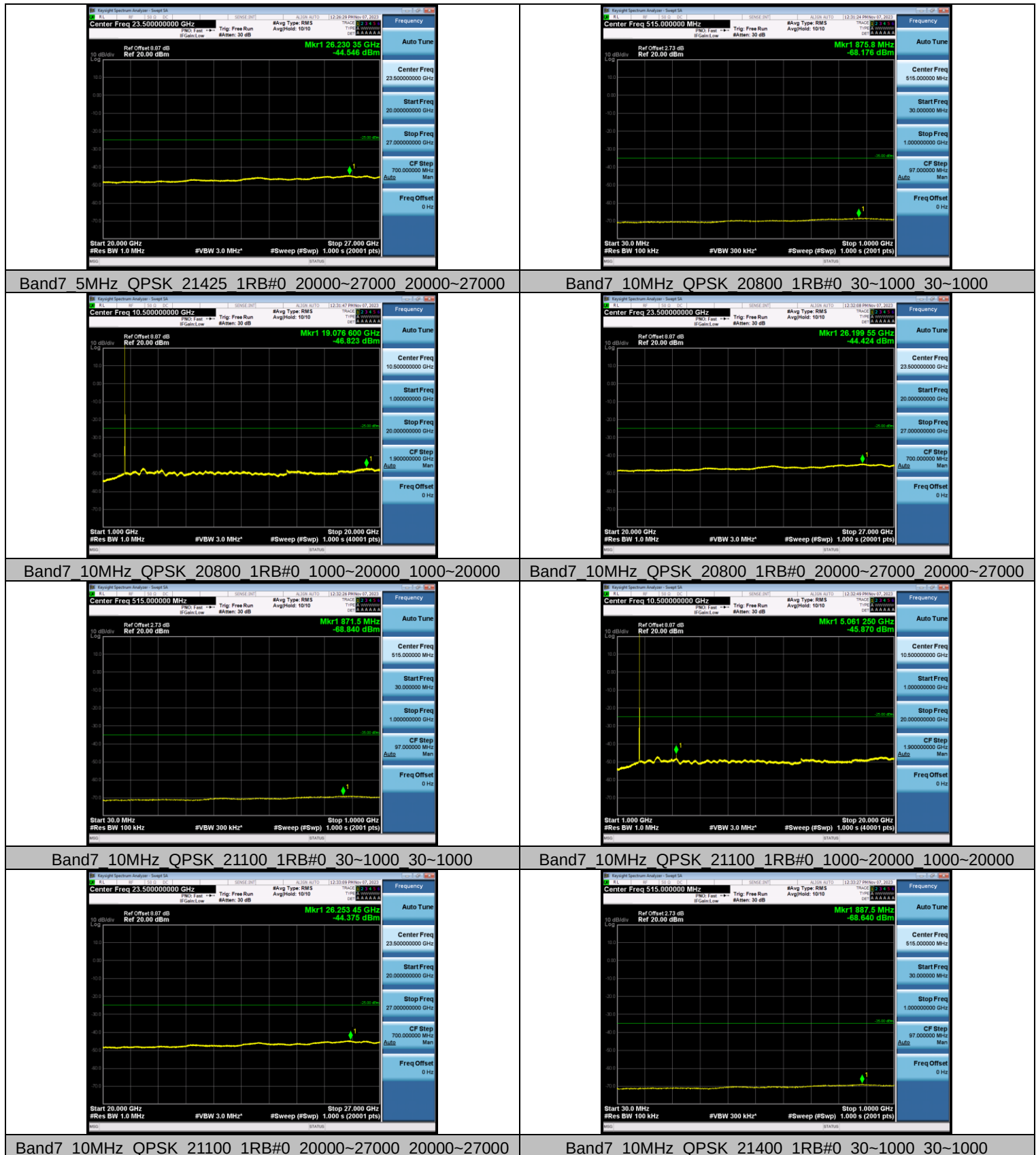
TEST GRAPHS





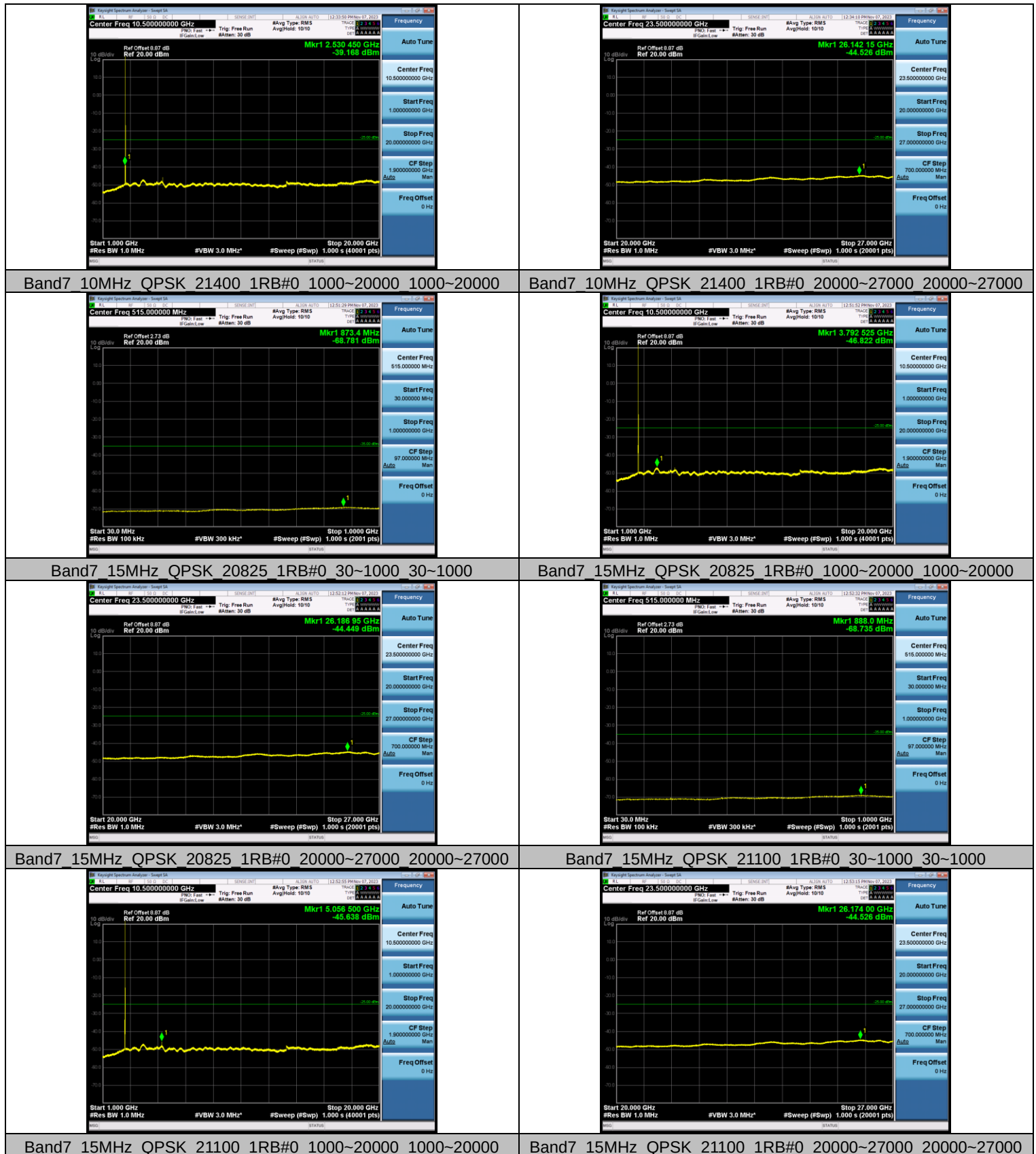
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Test Report No.: W7L-P23100008RF06





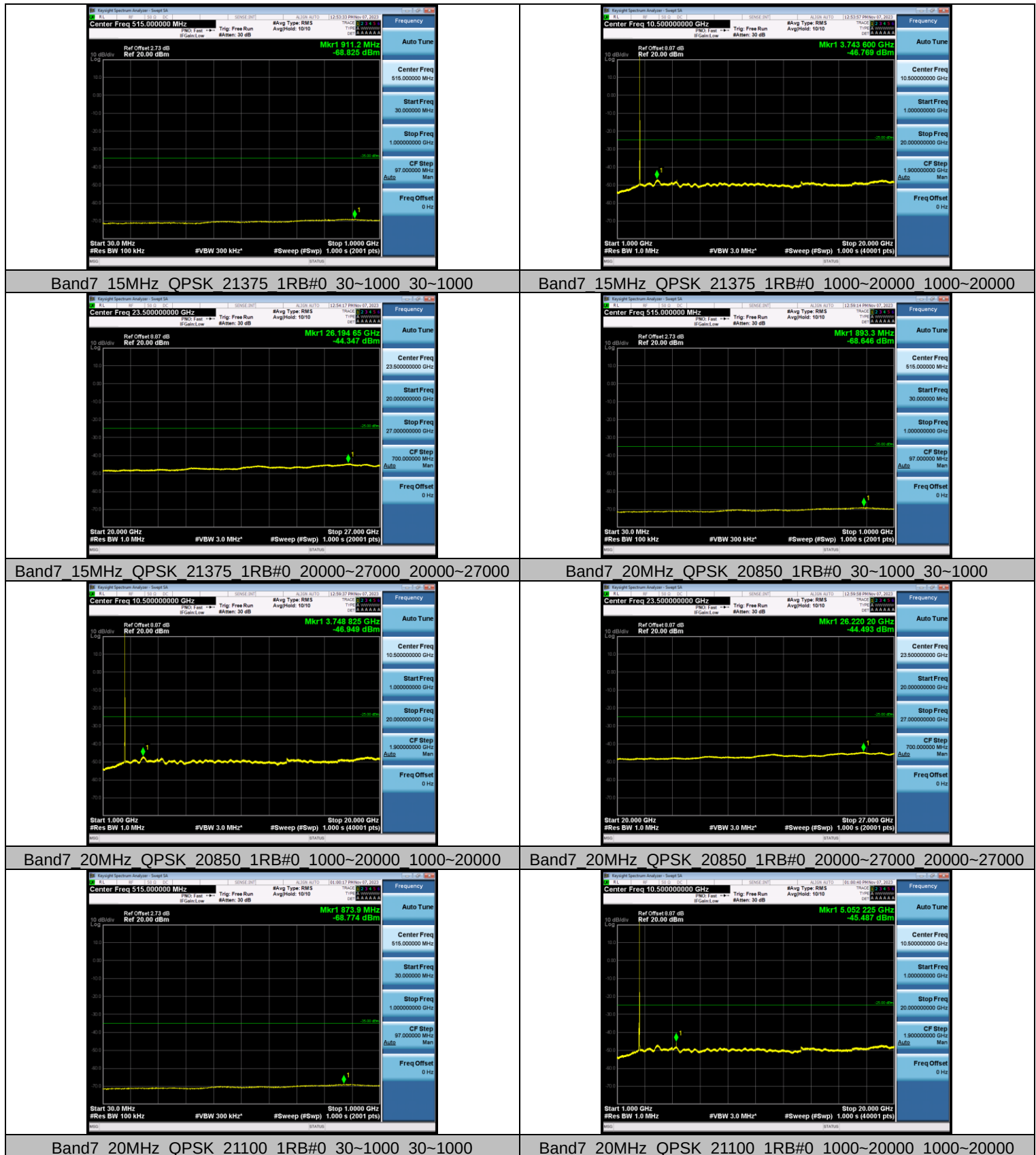
Test Report No.: W7L-P23100008RF06





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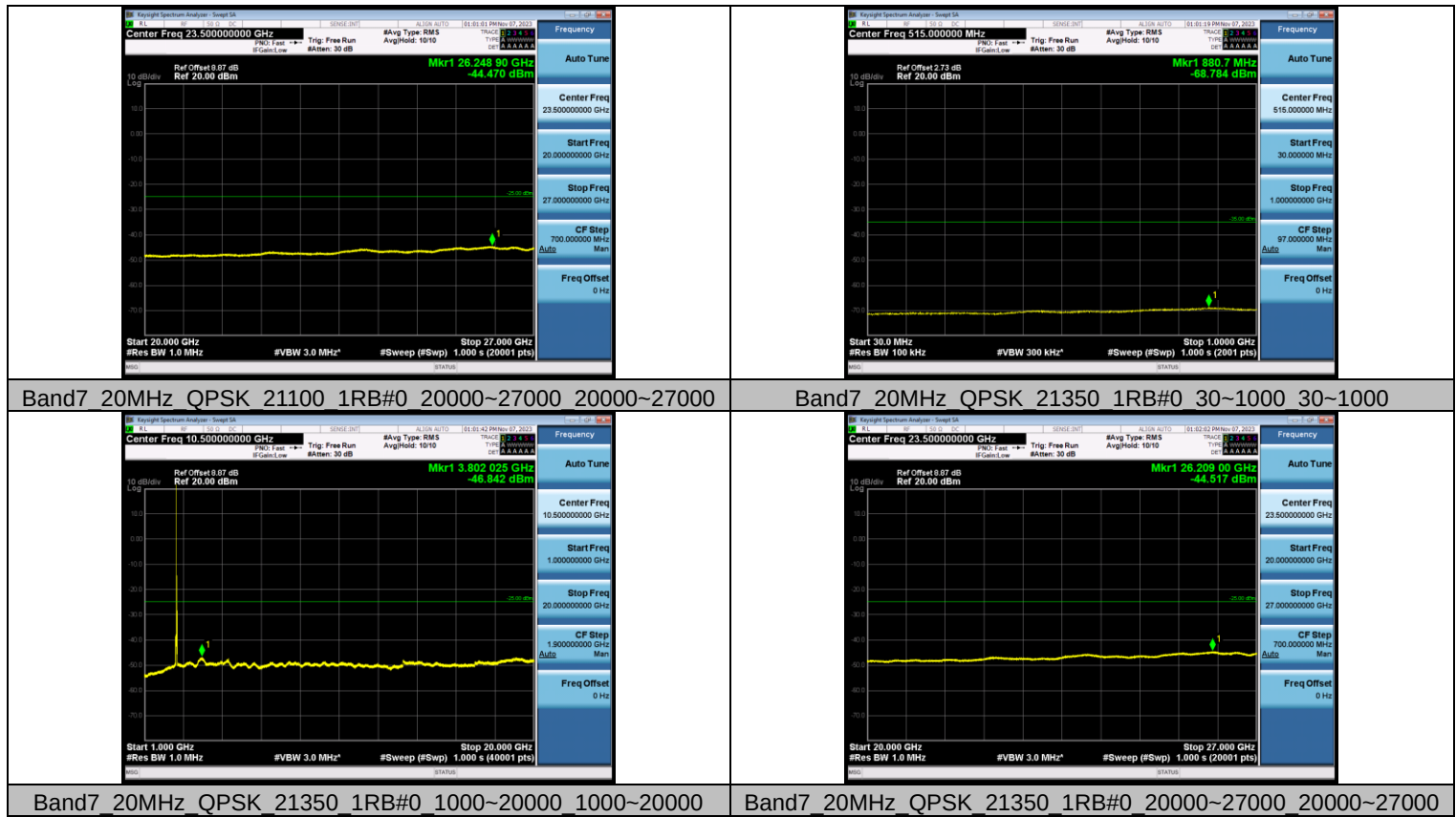
Test Report No.: W7L-P23100008RF06





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Test Report No.: W7L-P23100008RF06



FREQUENCY STABILITY

TEST RESULT

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	10MHz	QPSK	20800	50RB#0	VN	NT	8.87	0.003541	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VL	NT	-21.36	-0.008527	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VH	NT	-14.12	-0.005637	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VN	NT	-15.49	-0.006184	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VL	NT	-19.00	-0.007585	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VH	NT	-19.58	-0.007816	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	VN	NT	-20.00	-0.007984	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	VL	NT	-18.87	-0.007533	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	VH	NT	4.41	0.001760	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VN	NT	-13.53	-0.005337	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VL	NT	15.39	0.006071	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VH	NT	-6.05	-0.002387	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VN	NT	-18.53	-0.007310	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VL	NT	15.03	0.005929	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VH	NT	-22.47	-0.008864	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	VN	NT	-14.06	-0.005546	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	VL	NT	-25.32	-0.009988	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	VH	NT	-15.68	-0.006185	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VN	NT	25.61	0.009984	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VL	NT	9.57	0.003731	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VH	NT	-18.41	-0.007177	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VN	NT	-15.26	-0.005949	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VL	NT	12.72	0.004959	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VH	NT	-24.60	-0.009591	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	VN	NT	15.84	0.006175	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	VL	NT	9.64	0.003758	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	VH	NT	-20.11	-0.007840	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	-20.37	-0.008132	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	-23.79	-0.009497	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-10	-19.67	-0.007852	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	-11.67	-0.004659	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	-17.01	-0.006790	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	-14.51	-0.005792	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	30	-14.41	-0.005752	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	40	-13.68	-0.005461	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	50	-16.79	-0.006703	±2.5	PASS

**Test Report No.: W7L-P23100008RF06**

Band7	10MHz	16QAM	20800	50RB#0	NV	-30	-27.95	-0.011158	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-20	-20.99	-0.008379	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-10	-16.71	-0.006671	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	0	-30.11	-0.012020	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	10	-13.53	-0.005401	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	20	-24.06	-0.009605	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	30	-23.98	-0.009573	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	40	-9.40	-0.003752	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	50	-13.40	-0.005349	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	-30	-17.32	-0.006914	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	-20	-20.86	-0.008327	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	-10	-18.57	-0.007413	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	0	-19.76	-0.007888	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	10	13.70	0.005469	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	20	17.54	0.007002	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	30	-25.76	-0.010283	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	40	-29.40	-0.011737	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	50	-19.67	-0.007852	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	-21.31	-0.008406	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	18.04	0.007116	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-10	-19.41	-0.007657	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	-16.41	-0.006473	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	17.88	0.007053	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	20	22.39	0.008832	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	30	15.01	0.005921	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	40	-18.17	-0.007168	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	50	-15.15	-0.005976	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-30	13.99	0.005519	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-20	14.33	0.005653	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-10	-18.02	-0.007108	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	0	25.23	0.009953	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	10	18.50	0.007298	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	20	-18.84	-0.007432	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	30	12.92	0.005097	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	40	-21.59	-0.008517	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	50	-23.98	-0.009460	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	-30	6.15	0.002426	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	-20	-17.54	-0.006919	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	-10	-16.05	-0.006331	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	0	-11.53	-0.004548	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	10	-16.28	-0.006422	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	20	-24.28	-0.009578	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	30	-16.45	-0.006489	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	40	-17.74	-0.006998	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	50	-18.00	-0.007101	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	-18.93	-0.007380	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-20	7.61	0.002967	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-10	-17.38	-0.006776	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	-17.12	-0.006674	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	10	-10.54	-0.004109	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	12.13	0.004729	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	30	-17.54	-0.006838	±2.5	PASS



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Test Report No.: W7L-P23100008RF06

Band7	10MHz	QPSK	21400	50RB#0	NV	40	-18.24	-0.007111	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	50	9.28	0.003618	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-30	11.42	0.004452	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-20	-19.48	-0.007595	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-10	-19.20	-0.007485	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	0	-21.07	-0.008214	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	10	-23.62	-0.009209	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	20	7.04	0.002745	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	30	-25.71	-0.010023	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	40	12.02	0.004686	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	50	-21.54	-0.008398	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	-30	-21.43	-0.008355	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	-20	-29.65	-0.011559	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	-10	7.20	0.002807	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	0	-19.18	-0.007478	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	10	-16.61	-0.006476	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	20	3.18	0.001240	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	30	-16.98	-0.006620	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	40	-11.96	-0.004663	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	50	10.89	0.004246	±2.5	PASS