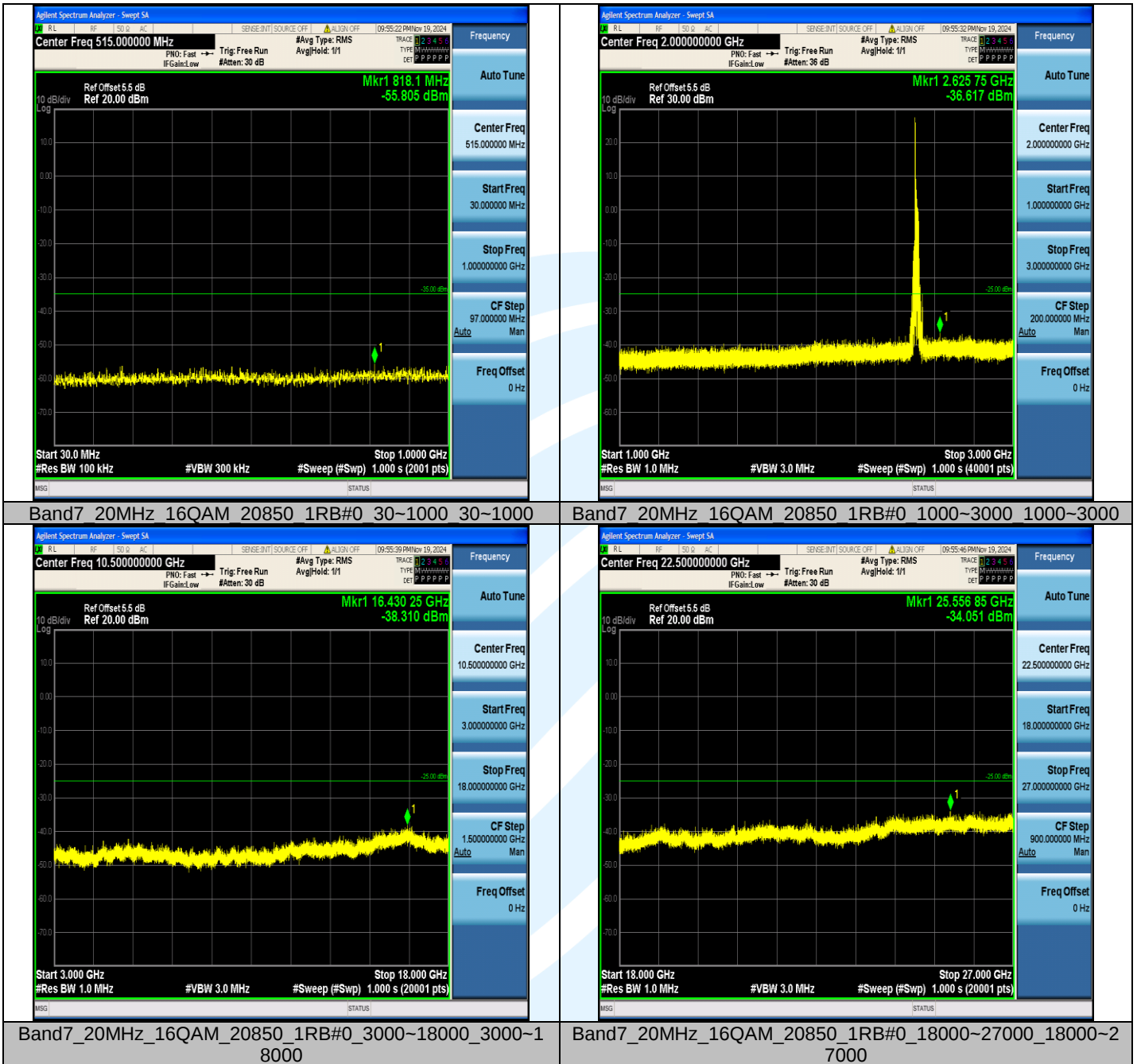
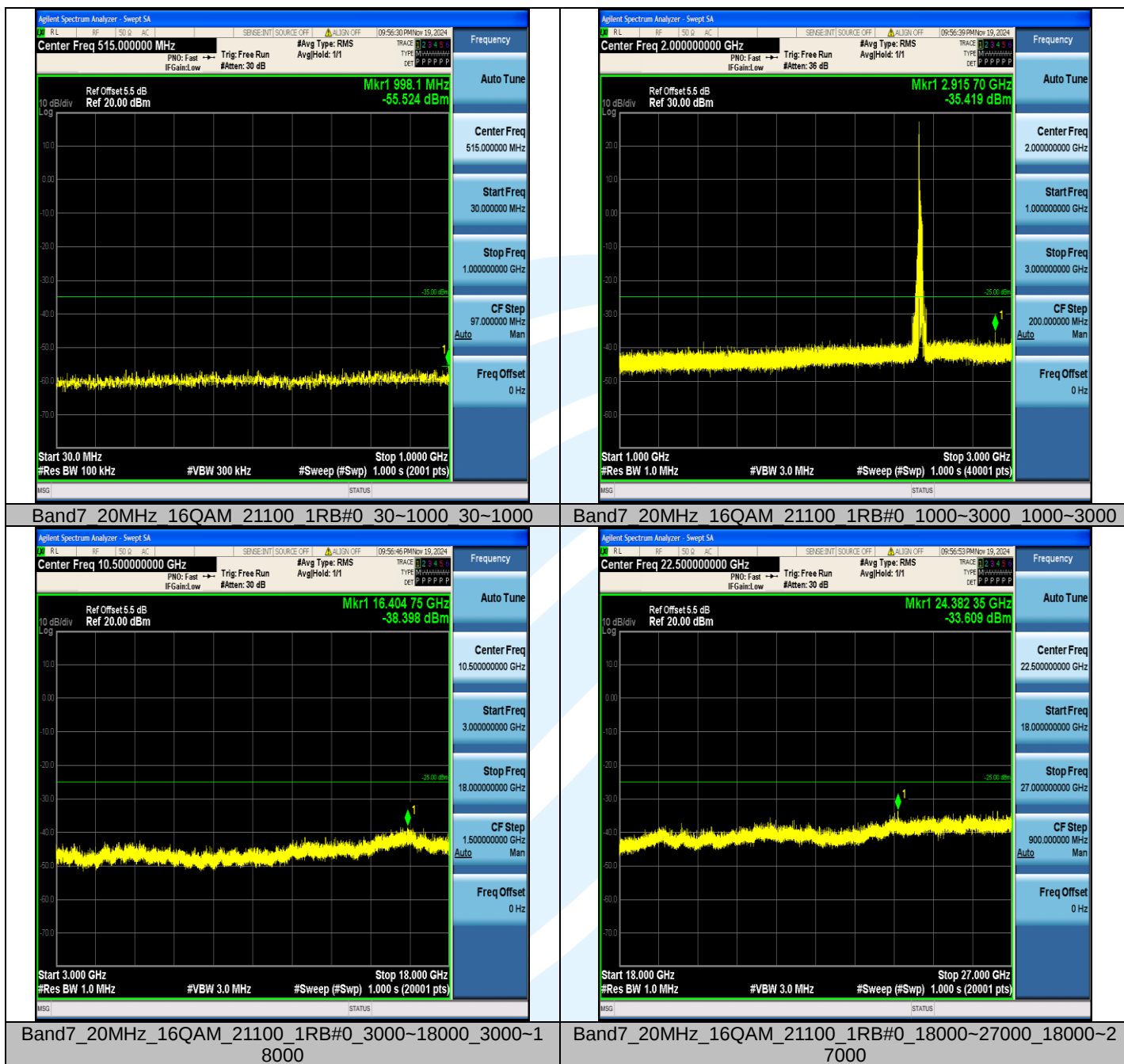
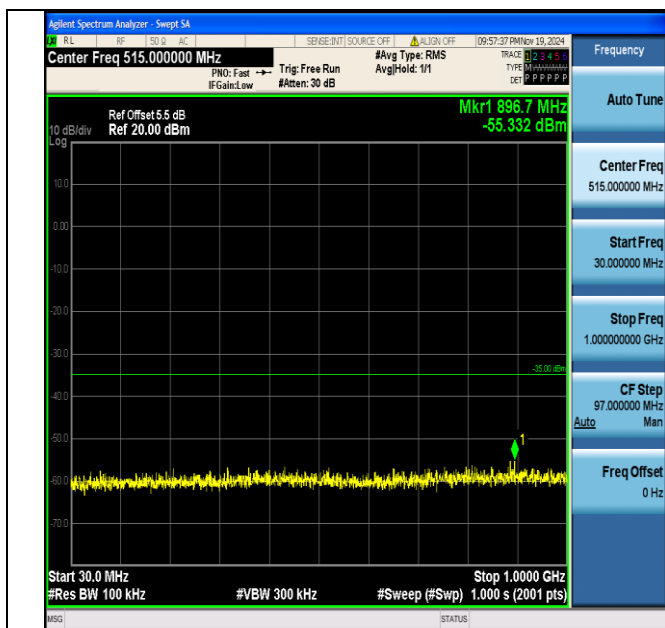
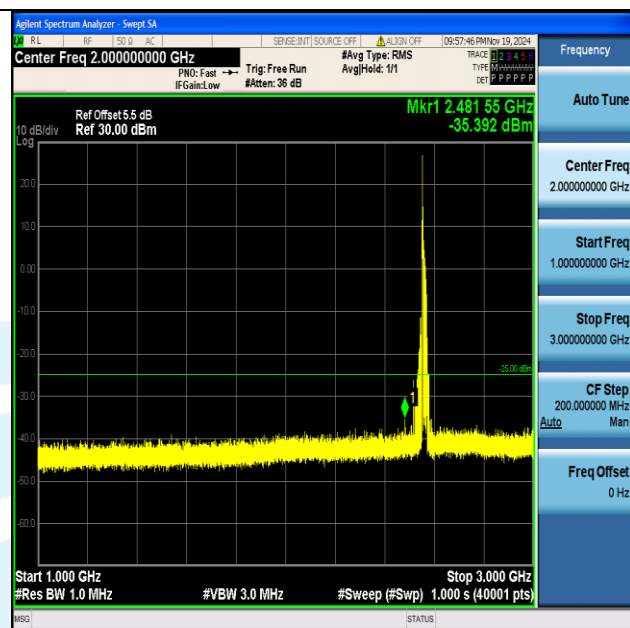




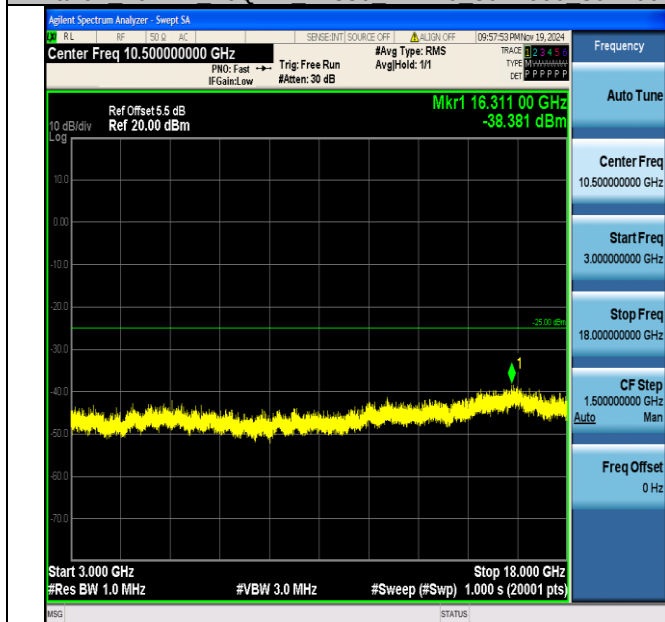




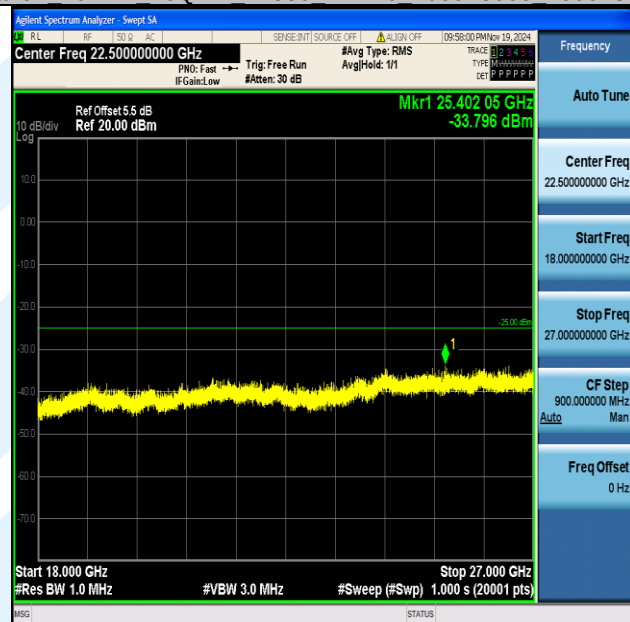
Band7 20MHz 16QAM 21350 1RB#0 30~1000 30~1000



Band7 20MHz 16QAM 21350 1RB#0 1000~3000 1000~3000



Band7_20MHz_16QAM_21350_1RB#0_3000~18000_3000~18000



Band7_20MHz_16QAM_21350_1RB#0_18000~27000_18000~27000

APPENDIX A5: FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-59.29	-0.031537	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-21.97	-0.011686	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-15.45	-0.008218	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	9.61	0.005112	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	-10.26	-0.005457	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	-25.52	-0.013574	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	-24.60	-0.014199	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-31.23	-0.018026	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	15.76	0.009097	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	37.47	0.021628	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	28.30	0.016335	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	-8.51	-0.004912	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-33.97	-0.040610	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-44.90	-0.053676	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-4.94	-0.005906	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	23.19	0.027723	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	11.83	0.014142	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-8.93	-0.010675	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	-44.95	-0.017732	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-31.70	-0.012505	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-39.67	-0.015649	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	-21.23	-0.008375	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	-41.91	-0.016533	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	-34.89	-0.013763	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	10.40	0.005532	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	35.92	0.019106	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	50.18	0.026691	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	20.69	0.011005	±2.5	PASS

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Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	NV	10	38.02	0.020223	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	5.54	0.002947	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	25.19	0.013399	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	36.51	0.019420	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	48.38	0.025734	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	-50.25	-0.026729	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	-27.68	-0.014723	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-10	-48.95	-0.026037	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	-20.06	-0.010670	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	-34.79	-0.018505	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	-46.69	-0.024835	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	-13.58	-0.007223	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	-20.74	-0.011032	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	-31.29	-0.016644	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	23.60	0.013622	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	38.15	0.022020	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	-5.75	-0.003319	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	22.89	0.013212	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	38.29	0.022101	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	14.51	0.008375	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	32.29	0.018638	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	44.07	0.025437	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	26.16	0.015100	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	-35.83	-0.020681	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	-30.37	-0.017530	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-10	-20.90	-0.012063	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	-40.08	-0.023134	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	-9.03	-0.005212	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	-29.14	-0.016820	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	-42.46	-0.024508	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	-23.99	-0.013847	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	-22.24	-0.012837	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	3.20	0.003825	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	5.02	0.006001	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	8.75	0.010460	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	10.74	0.012839	±2.5	PASS

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Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20525	50RB#0	NV	10	12.46	0.014895	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	14.16	0.016928	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	16.91	0.020215	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	23.22	0.027759	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	24.32	0.029074	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-24.98	-0.029863	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	-38.14	-0.045595	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-10	5.29	0.006324	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	-10.91	-0.013042	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-18.68	-0.022331	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-28.54	-0.034118	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	-32.43	-0.038769	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	-38.52	-0.046049	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	-47.54	-0.056832	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-14.02	-0.005531	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-32.74	-0.012915	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	-33.72	-0.013302	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-45.83	-0.018079	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-47.89	-0.018892	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	8.73	0.003444	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	-6.75	-0.002663	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-15.21	-0.006000	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-17.19	-0.006781	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	-6.64	-0.002619	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	-46.35	-0.018284	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-10	-32.87	-0.012966	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	-17.72	-0.006990	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	-47.92	-0.018903	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	-28.18	-0.011116	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	30	-51.21	-0.020201	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	40	13.13	0.005179	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	50	-23.27	-0.009179	±2.5	PASS