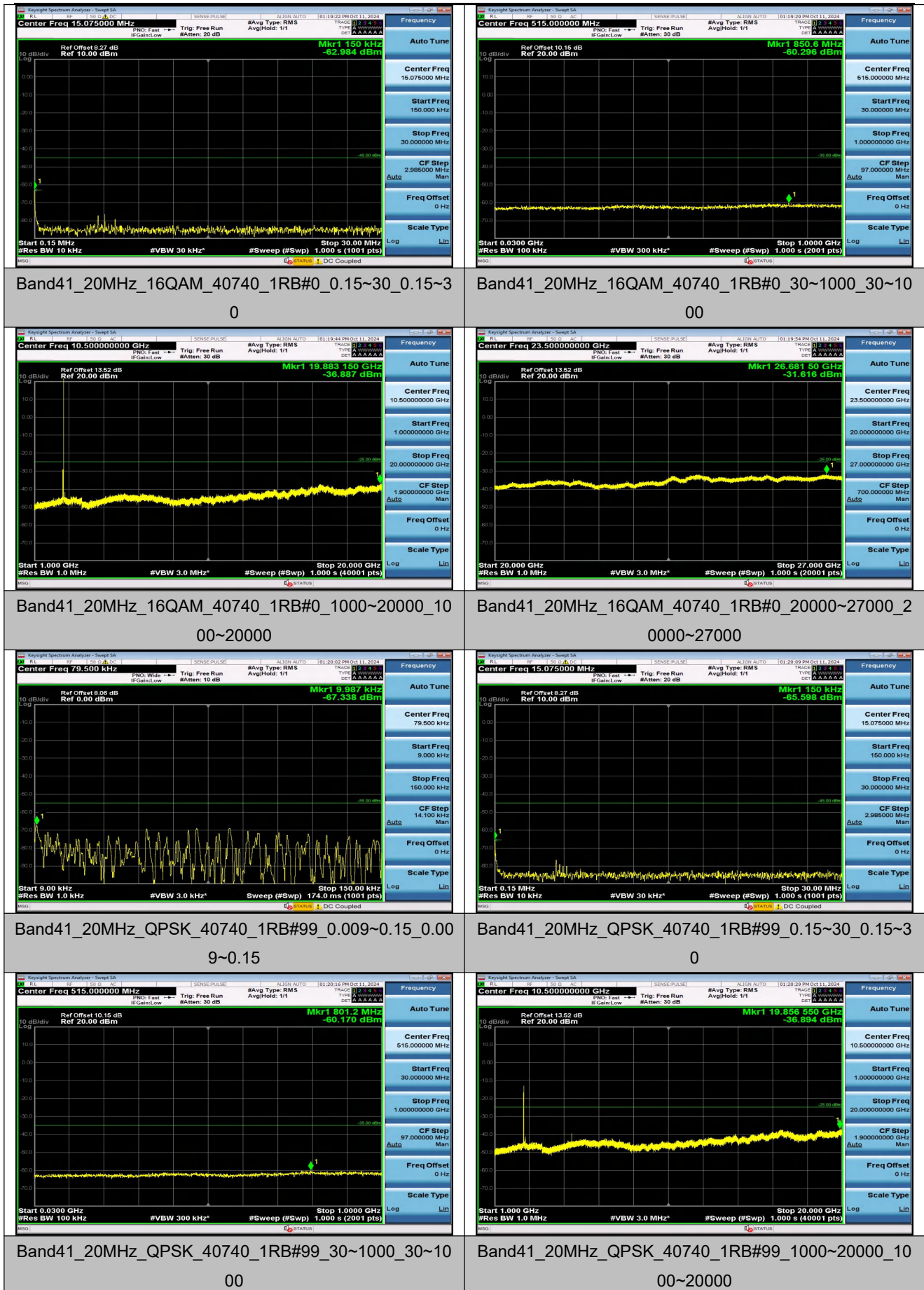
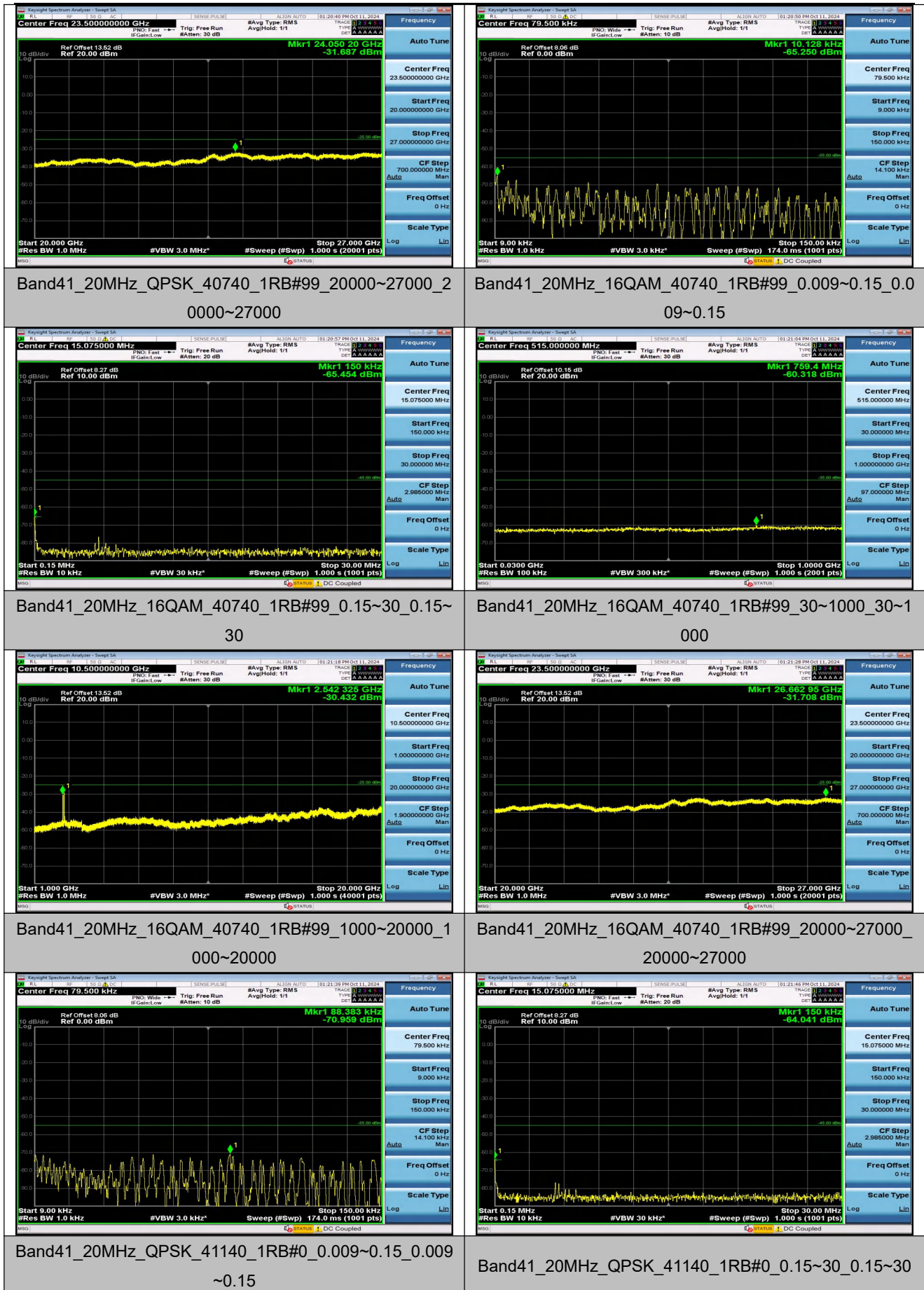
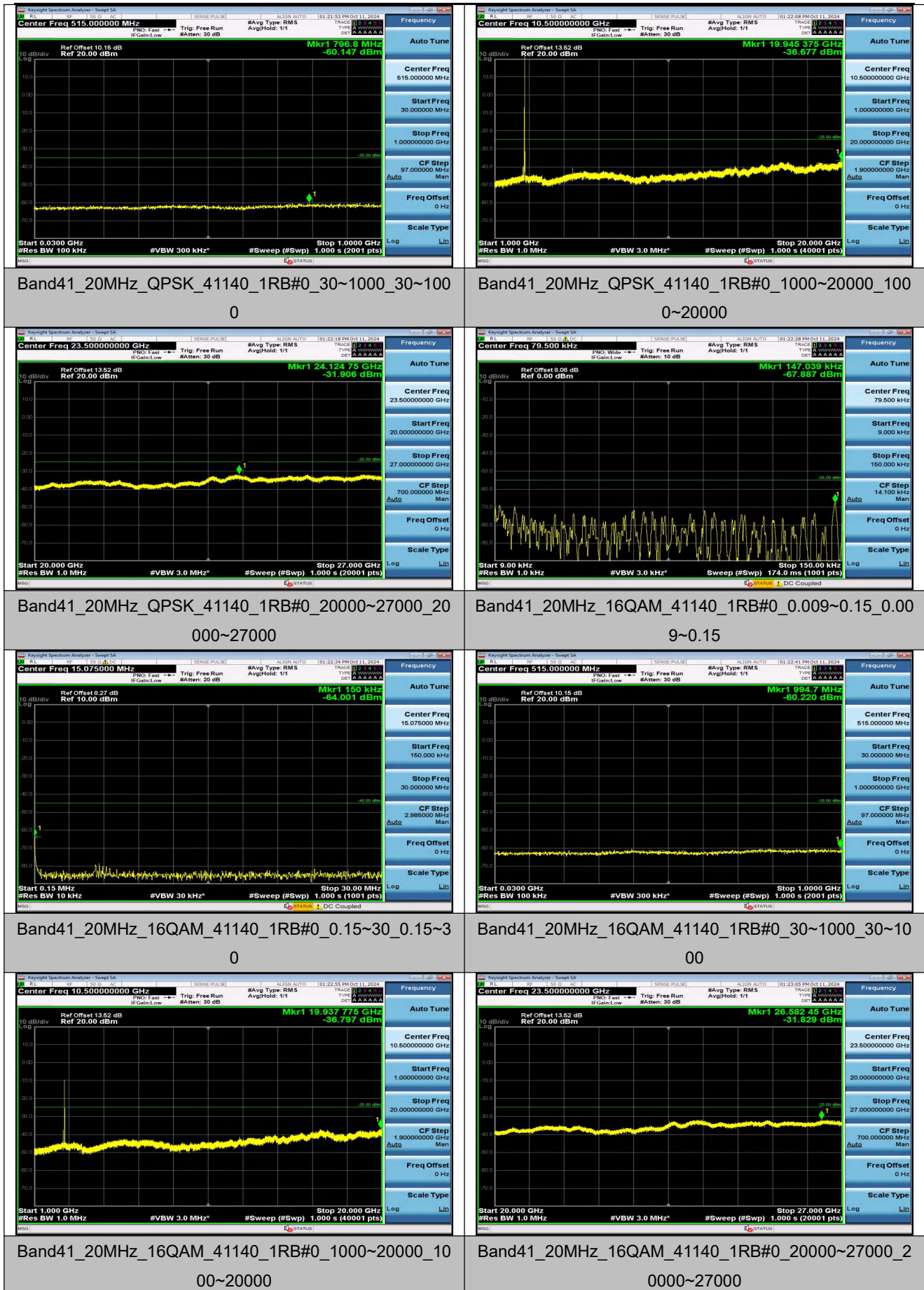
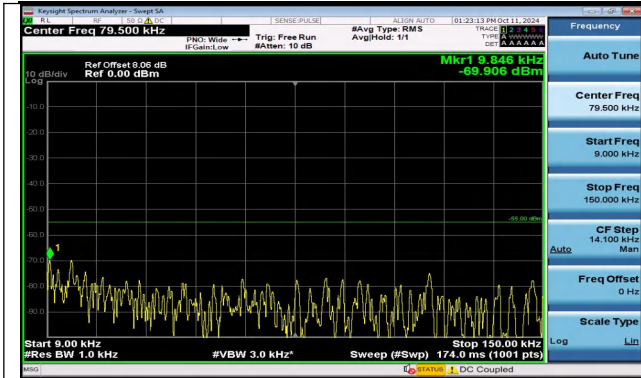


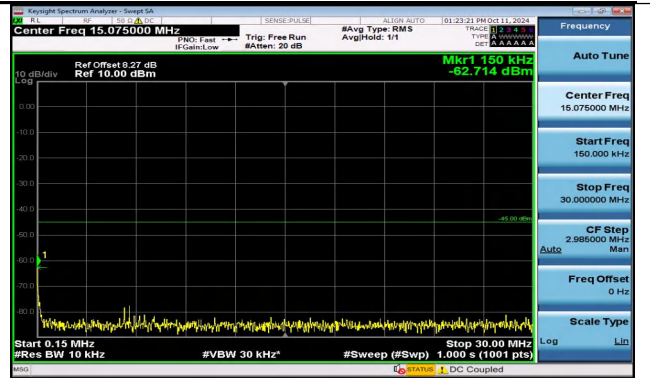




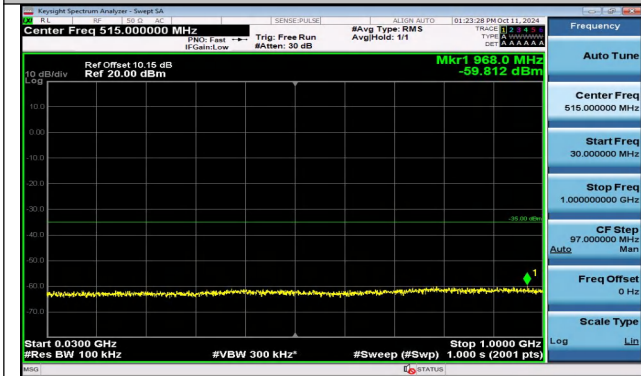




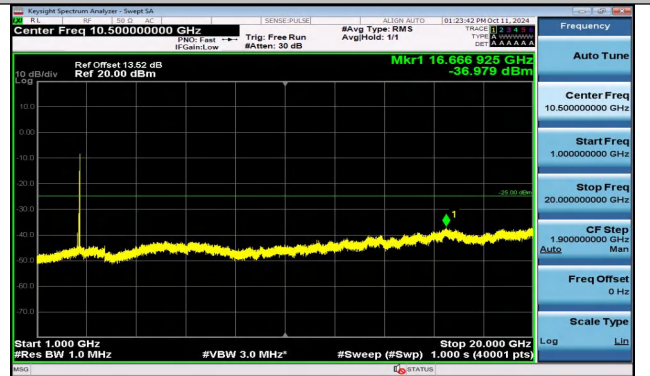
Band41_20MHz_QPSK_41140_1RB#99_0.009~0.15_0.00
9~0.15



Band41_20MHz_QPSK_41140_1RB#99_0.15~30_0.15~3
0



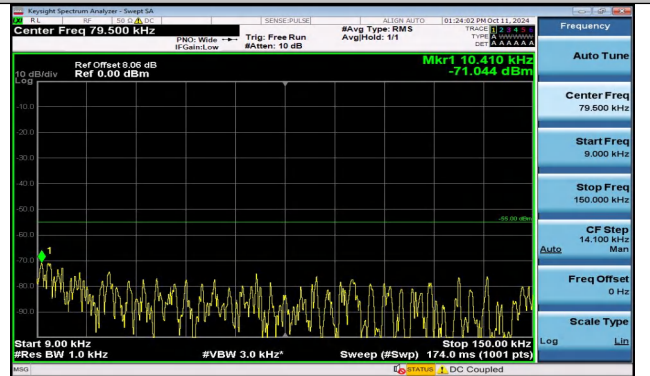
Band41_20MHz_QPSK_41140_1RB#99_30~1000_30~10
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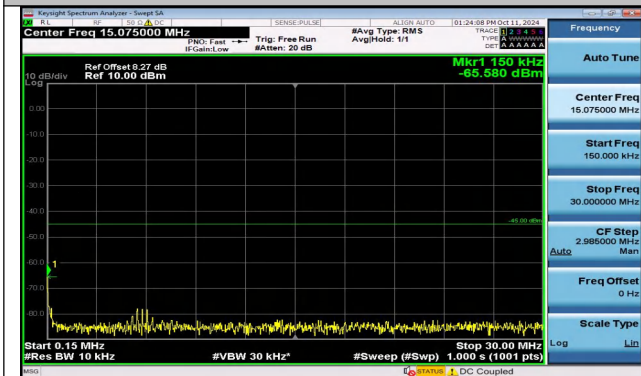
Band41_20MHz_QPSK_41140_1RB#99_1000~20000_10
00~20000



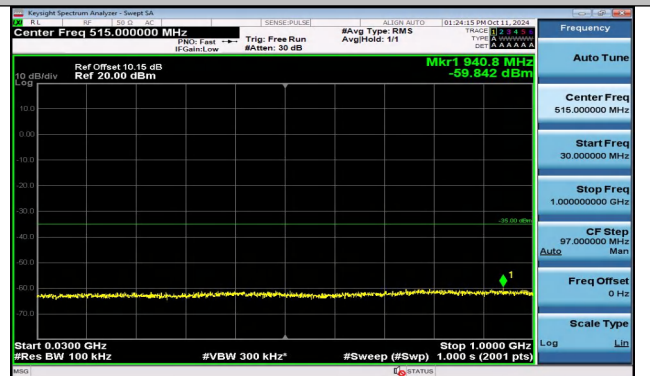
Band41_20MHz_QPSK_41140_1RB#99_20000~27000_2
0000~27000



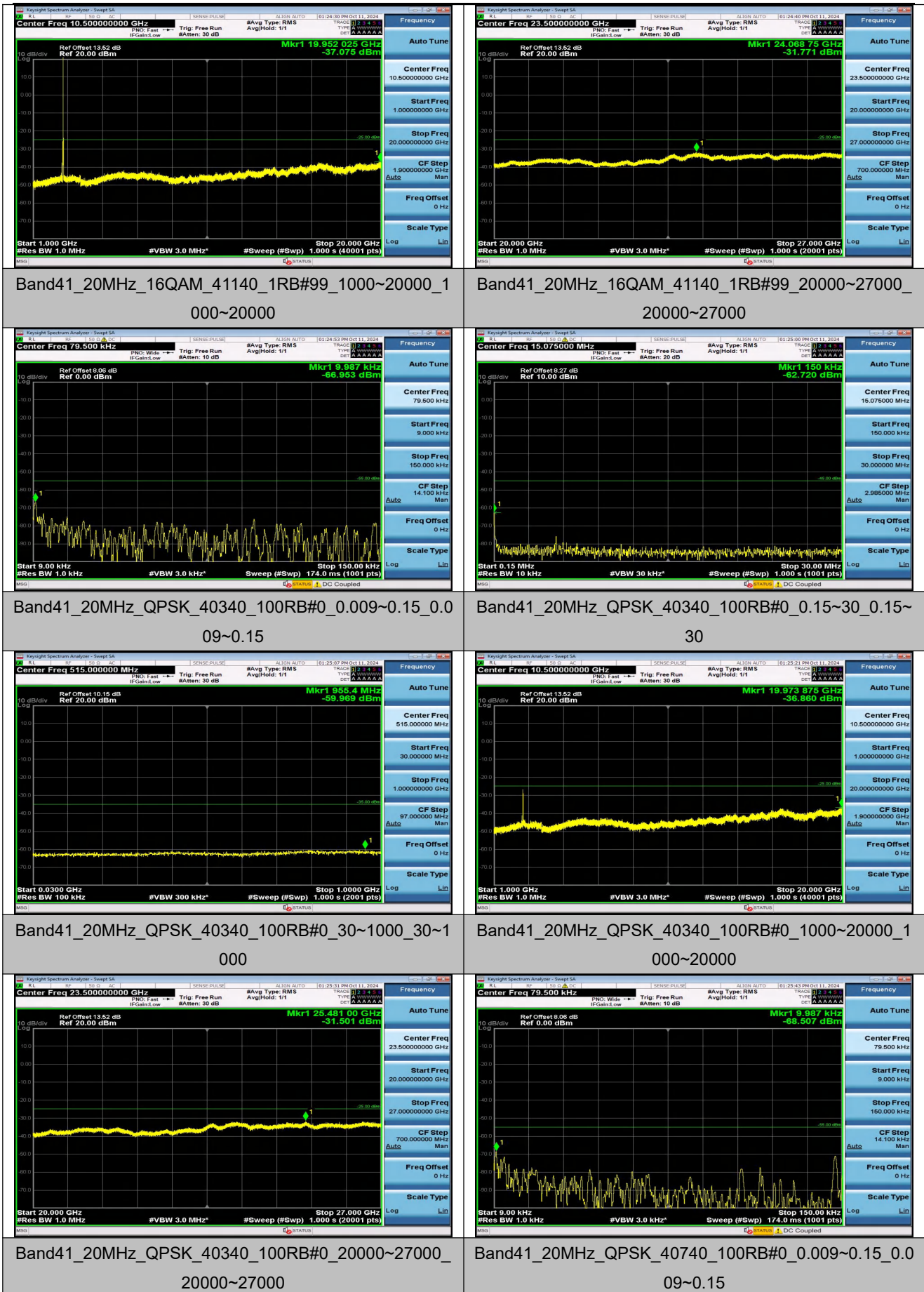
Band41_20MHz_16QAM_41140_1RB#99_0.009~0.15_0.0
09~0.15

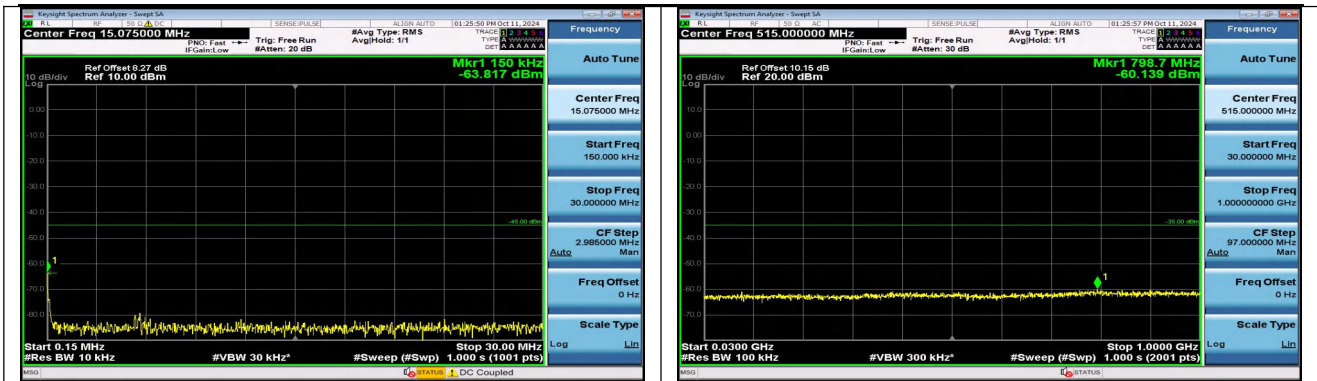


Band41_20MHz_16QAM_41140_1RB#99_0.15~30_0.15~30
30



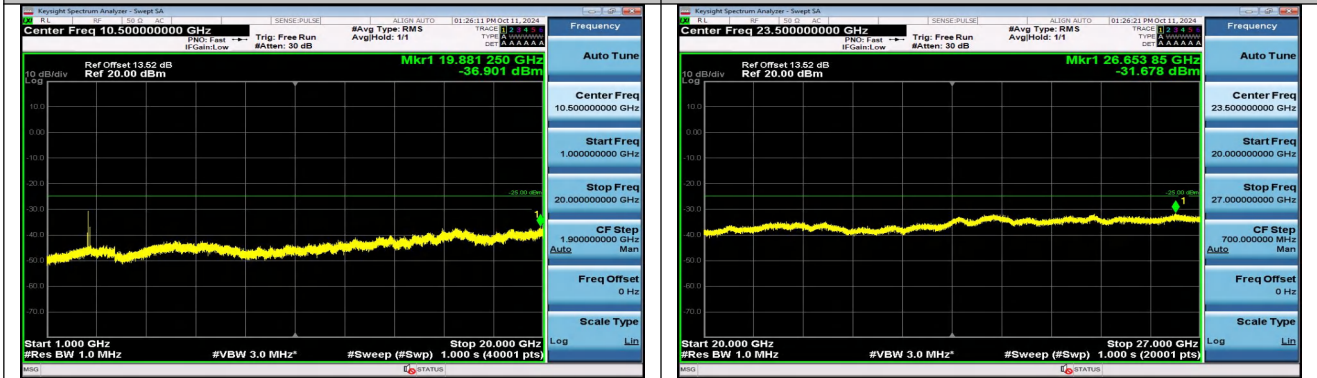
Band41_20MHz_16QAM_41140_1RB#99_30~1000_30~1
000





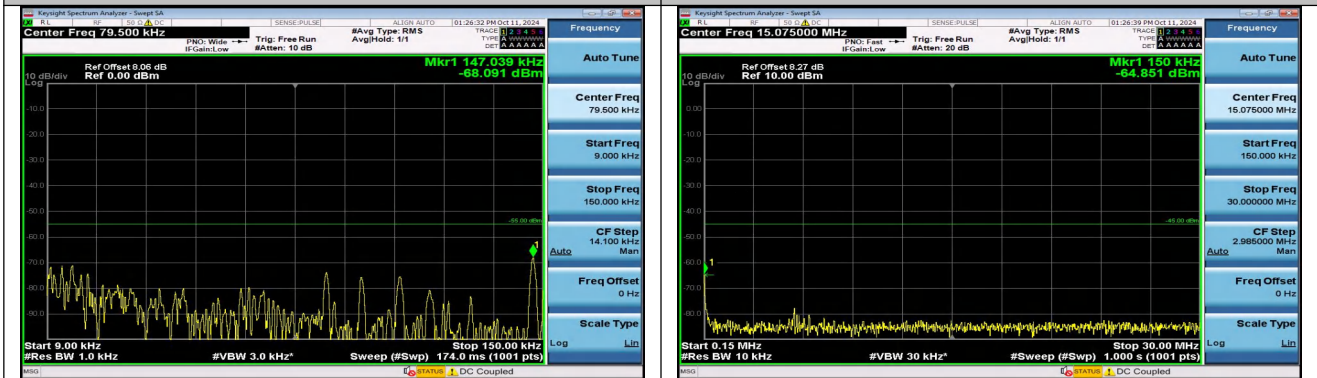
Band41_20MHz_QPSK_40740_100RB#0_0.15~30_0.15~30

Band41_20MHz_QPSK_40740_100RB#0_30~1000_30~1000



Band41_20MHz_QPSK_40740_100RB#0_1000~20000_1000~20000

Band41_20MHz_QPSK_40740_100RB#0_20000~27000_20000~27000



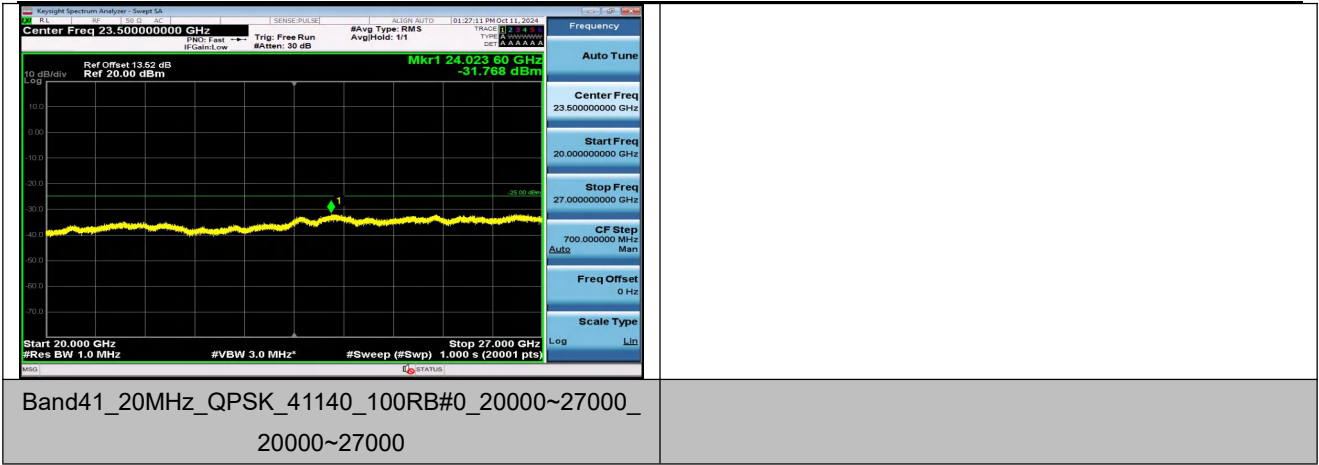
Band41_20MHz_QPSK_41140_100RB#0_0.009~0.15_0.009~0.15

Band41_20MHz_QPSK_41140_100RB#0_0.15~30_0.15~30



Band41_20MHz_QPSK_41140_100RB#0_30~1000_30~1000

Band41_20MHz_QPSK_41140_100RB#0_1000~20000_1000~20000





Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band41	5MHz	QPSK	40265	25RB#0	VN	NT	-30.04	-0.011746	±2.5	PASS
Band41	5MHz	QPSK	40265	25RB#0	VL	NT	81.15	0.031730	±2.5	PASS
Band41	5MHz	QPSK	40265	25RB#0	VH	NT	73.70	0.028817	±2.5	PASS
Band41	5MHz	16QAM	40265	25RB#0	VN	NT	52.90	0.020684	±2.5	PASS
Band41	5MHz	16QAM	40265	25RB#0	VL	NT	-32.04	-0.012528	±2.5	PASS
Band41	5MHz	16QAM	40265	25RB#0	VH	NT	68.92	0.026948	±2.5	PASS
Band41	5MHz	QPSK	40740	25RB#0	VN	NT	-7.70	-0.002956	±2.5	PASS
Band41	5MHz	QPSK	40740	25RB#0	VL	NT	75.14	0.028845	±2.5	PASS
Band41	5MHz	QPSK	40740	25RB#0	VH	NT	-6.84	-0.002626	±2.5	PASS
Band41	5MHz	16QAM	40740	25RB#0	VN	NT	81.18	0.031163	±2.5	PASS
Band41	5MHz	16QAM	40740	25RB#0	VL	NT	-28.64	-0.010994	±2.5	PASS
Band41	5MHz	16QAM	40740	25RB#0	VH	NT	73.99	0.028403	±2.5	PASS
Band41	5MHz	QPSK	41215	25RB#0	VN	NT	-25.25	-0.009519	±2.5	PASS
Band41	5MHz	QPSK	41215	25RB#0	VL	NT	79.49	0.029968	±2.5	PASS
Band41	5MHz	QPSK	41215	25RB#0	VH	NT	-10.03	-0.003781	±2.5	PASS
Band41	5MHz	16QAM	41215	25RB#0	VN	NT	-8.34	-0.003144	±2.5	PASS
Band41	5MHz	16QAM	41215	25RB#0	VL	NT	-44.55	-0.016795	±2.5	PASS
Band41	5MHz	16QAM	41215	25RB#0	VH	NT	68.01	0.025640	±2.5	PASS
Band41	10MHz	QPSK	40290	50RB#0	VN	NT	63.16	0.024672	±2.5	PASS
Band41	10MHz	QPSK	40290	50RB#0	VL	NT	-46.76	-0.018266	±2.5	PASS
Band41	10MHz	QPSK	40290	50RB#0	VH	NT	73.79	0.028824	±2.5	PASS
Band41	10MHz	QPSK	40740	50RB#0	VN	NT	78.79	0.030246	±2.5	PASS
Band41	10MHz	QPSK	40740	50RB#0	VL	NT	58.74	0.022549	±2.5	PASS
Band41	10MHz	QPSK	40740	50RB#0	VH	NT	-26.99	-0.010361	±2.5	PASS
Band41	10MHz	QPSK	41190	50RB#0	VN	NT	65.15	0.024585	±2.5	PASS
Band41	10MHz	QPSK	41190	50RB#0	VL	NT	91.07	0.034366	±2.5	PASS
Band41	10MHz	QPSK	41190	50RB#0	VH	NT	-41.87	-0.015800	±2.5	PASS
Band41	15MHz	QPSK	40315	75RB#0	VN	NT	82.44	0.032172	±2.5	PASS
Band41	15MHz	QPSK	40315	75RB#0	VL	NT	64.82	0.025296	±2.5	PASS
Band41	15MHz	QPSK	40315	75RB#0	VH	NT	-32.06	-0.012511	±2.5	PASS
Band41	15MHz	QPSK	40740	75RB#0	VN	NT	76.65	0.029424	±2.5	PASS
Band41	15MHz	QPSK	40740	75RB#0	VL	NT	77.20	0.029635	±2.5	PASS
Band41	15MHz	QPSK	40740	75RB#0	VH	NT	78.13	0.029992	±2.5	PASS
Band41	15MHz	QPSK	41165	75RB#0	VN	NT	-38.64	-0.014595	±2.5	PASS



Band41	15MHz	QPSK	41165	75RB#0	VL	NT	81.14	0.030648	±2.5	PASS
Band41	15MHz	QPSK	41165	75RB#0	VH	NT	67.21	0.025386	±2.5	PASS
Band41	20MHz	QPSK	40340	100RB#0	VN	NT	-41.07	-0.016012	±2.5	PASS
Band41	20MHz	QPSK	40340	100RB#0	VL	NT	-38.52	-0.015018	±2.5	PASS
Band41	20MHz	QPSK	40340	100RB#0	VH	NT	82.35	0.032105	±2.5	PASS
Band41	20MHz	QPSK	40740	100RB#0	VN	NT	83.80	0.032169	±2.5	PASS
Band41	20MHz	QPSK	40740	100RB#0	VL	NT	-47.98	-0.018418	±2.5	PASS
Band41	20MHz	QPSK	40740	100RB#0	VH	NT	-34.65	-0.013301	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	VN	NT	76.75	0.029017	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	VL	NT	79.89	0.030204	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	VH	NT	-31.84	-0.012038	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	QPSK	40265	25RB#0	NV	-30	-33.50	-0.013099	±2.5	PASS
Band41	5MHz	QPSK	40265	25RB#0	NV	-20	81.25	0.031769	±2.5	PASS
Band41	5MHz	QPSK	40265	25RB#0	NV	-10	-37.44	-0.014639	±2.5	PASS
Band41	5MHz	QPSK	40265	25RB#0	NV	0	68.11	0.026631	±2.5	PASS
Band41	5MHz	QPSK	40265	25RB#0	NV	10	-7.45	-0.002913	±2.5	PASS
Band41	5MHz	QPSK	40265	25RB#0	NV	20	71.83	0.028086	±2.5	PASS
Band41	5MHz	QPSK	40265	25RB#0	NV	30	-12.47	-0.004876	±2.5	PASS
Band41	5MHz	QPSK	40265	25RB#0	NV	40	83.21	0.032536	±2.5	PASS
Band41	5MHz	QPSK	40265	25RB#0	NV	50	-7.07	-0.002764	±2.5	PASS
Band41	5MHz	16QAM	40265	25RB#0	NV	-30	-12.72	-0.004974	±2.5	PASS
Band41	5MHz	16QAM	40265	25RB#0	NV	-20	77.22	0.030194	±2.5	PASS
Band41	5MHz	16QAM	40265	25RB#0	NV	-10	80.61	0.031519	±2.5	PASS
Band41	5MHz	16QAM	40265	25RB#0	NV	0	-11.44	-0.004473	±2.5	PASS
Band41	5MHz	16QAM	40265	25RB#0	NV	10	64.07	0.025052	±2.5	PASS
Band41	5MHz	16QAM	40265	25RB#0	NV	20	-9.80	-0.003832	±2.5	PASS
Band41	5MHz	16QAM	40265	25RB#0	NV	30	-32.14	-0.012567	±2.5	PASS
Band41	5MHz	16QAM	40265	25RB#0	NV	40	76.73	0.030002	±2.5	PASS
Band41	5MHz	16QAM	40265	25RB#0	NV	50	79.28	0.030999	±2.5	PASS
Band41	5MHz	QPSK	40740	25RB#0	NV	-30	-35.71	-0.013708	±2.5	PASS
Band41	5MHz	QPSK	40740	25RB#0	NV	-20	82.94	0.031839	±2.5	PASS
Band41	5MHz	QPSK	40740	25RB#0	NV	-10	-6.62	-0.002541	±2.5	PASS
Band41	5MHz	QPSK	40740	25RB#0	NV	0	79.06	0.030349	±2.5	PASS
Band41	5MHz	QPSK	40740	25RB#0	NV	10	-11.03	-0.004234	±2.5	PASS
Band41	5MHz	QPSK	40740	25RB#0	NV	20	-34.22	-0.013136	±2.5	PASS
Band41	5MHz	QPSK	40740	25RB#0	NV	30	61.87	0.023750	±2.5	PASS
Band41	5MHz	QPSK	40740	25RB#0	NV	40	-27.24	-0.010457	±2.5	PASS



Band41	5MHz	QPSK	40740	25RB#0	NV	50	77.88	0.029896	±2.5	PASS
Band41	5MHz	16QAM	40740	25RB#0	NV	-30	-11.82	-0.004537	±2.5	PASS
Band41	5MHz	16QAM	40740	25RB#0	NV	-20	-50.93	-0.019551	±2.5	PASS
Band41	5MHz	16QAM	40740	25RB#0	NV	-10	88.01	0.033785	±2.5	PASS
Band41	5MHz	16QAM	40740	25RB#0	NV	0	-14.33	-0.005501	±2.5	PASS
Band41	5MHz	16QAM	40740	25RB#0	NV	10	61.51	0.023612	±2.5	PASS
Band41	5MHz	16QAM	40740	25RB#0	NV	20	86.00	0.033013	±2.5	PASS
Band41	5MHz	16QAM	40740	25RB#0	NV	30	-11.62	-0.004461	±2.5	PASS
Band41	5MHz	16QAM	40740	25RB#0	NV	40	-41.89	-0.016081	±2.5	PASS
Band41	5MHz	16QAM	40740	25RB#0	NV	50	78.33	0.030069	±2.5	PASS
Band41	5MHz	QPSK	41215	25RB#0	NV	-30	-40.61	-0.015310	±2.5	PASS
Band41	5MHz	QPSK	41215	25RB#0	NV	-20	83.08	0.031321	±2.5	PASS
Band41	5MHz	QPSK	41215	25RB#0	NV	-10	-5.91	-0.002228	±2.5	PASS
Band41	5MHz	QPSK	41215	25RB#0	NV	0	-31.91	-0.012030	±2.5	PASS
Band41	5MHz	QPSK	41215	25RB#0	NV	10	96.39	0.036339	±2.5	PASS
Band41	5MHz	QPSK	41215	25RB#0	NV	20	-11.10	-0.004185	±2.5	PASS
Band41	5MHz	QPSK	41215	25RB#0	NV	30	-32.74	-0.012343	±2.5	PASS
Band41	5MHz	QPSK	41215	25RB#0	NV	40	74.50	0.028087	±2.5	PASS
Band41	5MHz	QPSK	41215	25RB#0	NV	50	74.53	0.028098	±2.5	PASS
Band41	5MHz	16QAM	41215	25RB#0	NV	-30	68.92	0.025983	±2.5	PASS
Band41	5MHz	16QAM	41215	25RB#0	NV	-20	-28.47	-0.010733	±2.5	PASS
Band41	5MHz	16QAM	41215	25RB#0	NV	-10	76.06	0.028675	±2.5	PASS
Band41	5MHz	16QAM	41215	25RB#0	NV	0	70.25	0.026484	±2.5	PASS
Band41	5MHz	16QAM	41215	25RB#0	NV	10	-25.35	-0.009557	±2.5	PASS
Band41	5MHz	16QAM	41215	25RB#0	NV	20	-42.80	-0.016136	±2.5	PASS
Band41	5MHz	16QAM	41215	25RB#0	NV	30	53.96	0.020343	±2.5	PASS
Band41	5MHz	16QAM	41215	25RB#0	NV	40	83.14	0.031344	±2.5	PASS
Band41	5MHz	16QAM	41215	25RB#0	NV	50	-17.19	-0.006481	±2.5	PASS
Band41	10MHz	QPSK	40290	50RB#0	NV	-30	52.19	0.020387	±2.5	PASS
Band41	10MHz	QPSK	40290	50RB#0	NV	-20	-39.54	-0.015445	±2.5	PASS
Band41	10MHz	QPSK	40290	50RB#0	NV	-10	75.90	0.029648	±2.5	PASS
Band41	10MHz	QPSK	40290	50RB#0	NV	0	64.32	0.025125	±2.5	PASS
Band41	10MHz	QPSK	40290	50RB#0	NV	10	81.21	0.031723	±2.5	PASS
Band41	10MHz	QPSK	40290	50RB#0	NV	20	64.20	0.025078	±2.5	PASS
Band41	10MHz	QPSK	40290	50RB#0	NV	30	73.57	0.028738	±2.5	PASS
Band41	10MHz	QPSK	40290	50RB#0	NV	40	76.25	0.029785	±2.5	PASS
Band41	10MHz	QPSK	40290	50RB#0	NV	50	-34.99	-0.013668	±2.5	PASS
Band41	10MHz	QPSK	40740	50RB#0	NV	-30	66.30	0.025451	±2.5	PASS
Band41	10MHz	QPSK	40740	50RB#0	NV	-20	86.92	0.033367	±2.5	PASS
Band41	10MHz	QPSK	40740	50RB#0	NV	-10	73.76	0.028315	±2.5	PASS
Band41	10MHz	QPSK	40740	50RB#0	NV	0	-26.59	-0.010207	±2.5	PASS



Band41	10MHz	QPSK	40740	50RB#0	NV	10	66.85	0.025662	±2.5	PASS
Band41	10MHz	QPSK	40740	50RB#0	NV	20	-11.84	-0.004545	±2.5	PASS
Band41	10MHz	QPSK	40740	50RB#0	NV	30	57.06	0.021904	±2.5	PASS
Band41	10MHz	QPSK	40740	50RB#0	NV	40	76.75	0.029463	±2.5	PASS
Band41	10MHz	QPSK	40740	50RB#0	NV	50	-53.34	-0.020476	±2.5	PASS
Band41	10MHz	QPSK	41190	50RB#0	NV	-30	76.36	0.028815	±2.5	PASS
Band41	10MHz	QPSK	41190	50RB#0	NV	-20	82.04	0.030958	±2.5	PASS
Band41	10MHz	QPSK	41190	50RB#0	NV	-10	-38.92	-0.014687	±2.5	PASS
Band41	10MHz	QPSK	41190	50RB#0	NV	0	65.23	0.024615	±2.5	PASS
Band41	10MHz	QPSK	41190	50RB#0	NV	10	-40.48	-0.015275	±2.5	PASS
Band41	10MHz	QPSK	41190	50RB#0	NV	20	83.86	0.031645	±2.5	PASS
Band41	10MHz	QPSK	41190	50RB#0	NV	30	-19.71	-0.007438	±2.5	PASS
Band41	10MHz	QPSK	41190	50RB#0	NV	40	71.13	0.026842	±2.5	PASS
Band41	10MHz	QPSK	41190	50RB#0	NV	50	77.52	0.029253	±2.5	PASS
Band41	15MHz	QPSK	40315	75RB#0	NV	-30	84.82	0.033100	±2.5	PASS
Band41	15MHz	QPSK	40315	75RB#0	NV	-20	59.88	0.023368	±2.5	PASS
Band41	15MHz	QPSK	40315	75RB#0	NV	-10	62.44	0.024367	±2.5	PASS
Band41	15MHz	QPSK	40315	75RB#0	NV	0	-39.74	-0.015508	±2.5	PASS
Band41	15MHz	QPSK	40315	75RB#0	NV	10	65.20	0.025444	±2.5	PASS
Band41	15MHz	QPSK	40315	75RB#0	NV	20	-27.89	-0.010884	±2.5	PASS
Band41	15MHz	QPSK	40315	75RB#0	NV	30	54.30	0.021190	±2.5	PASS
Band41	15MHz	QPSK	40315	75RB#0	NV	40	70.05	0.027337	±2.5	PASS
Band41	15MHz	QPSK	40315	75RB#0	NV	50	65.42	0.025530	±2.5	PASS
Band41	15MHz	QPSK	40740	75RB#0	NV	-30	-28.98	-0.011125	±2.5	PASS
Band41	15MHz	QPSK	40740	75RB#0	NV	-20	79.44	0.030495	±2.5	PASS
Band41	15MHz	QPSK	40740	75RB#0	NV	-10	78.09	0.029977	±2.5	PASS
Band41	15MHz	QPSK	40740	75RB#0	NV	0	70.87	0.027205	±2.5	PASS
Band41	15MHz	QPSK	40740	75RB#0	NV	10	89.36	0.034303	±2.5	PASS
Band41	15MHz	QPSK	40740	75RB#0	NV	20	83.76	0.032154	±2.5	PASS
Band41	15MHz	QPSK	40740	75RB#0	NV	30	-35.05	-0.013455	±2.5	PASS
Band41	15MHz	QPSK	40740	75RB#0	NV	40	44.98	0.017267	±2.5	PASS
Band41	15MHz	QPSK	40740	75RB#0	NV	50	-42.21	-0.016203	±2.5	PASS
Band41	15MHz	QPSK	41165	75RB#0	NV	-30	69.15	0.026119	±2.5	PASS
Band41	15MHz	QPSK	41165	75RB#0	NV	-20	-38.55	-0.014561	±2.5	PASS
Band41	15MHz	QPSK	41165	75RB#0	NV	-10	-46.65	-0.017620	±2.5	PASS
Band41	15MHz	QPSK	41165	75RB#0	NV	0	-32.27	-0.012189	±2.5	PASS
Band41	15MHz	QPSK	41165	75RB#0	NV	10	46.35	0.017507	±2.5	PASS
Band41	15MHz	QPSK	41165	75RB#0	NV	20	-33.60	-0.012691	±2.5	PASS
Band41	15MHz	QPSK	41165	75RB#0	NV	30	71.57	0.027033	±2.5	PASS
Band41	15MHz	QPSK	41165	75RB#0	NV	40	87.55	0.033069	±2.5	PASS
Band41	15MHz	QPSK	41165	75RB#0	NV	50	72.80	0.027498	±2.5	PASS



Band41	20MHz	QPSK	40340	100RB#0	NV	-30	-38.95	-0.015185	±2.5	PASS
Band41	20MHz	QPSK	40340	100RB#0	NV	-20	49.62	0.019345	±2.5	PASS
Band41	20MHz	QPSK	40340	100RB#0	NV	-10	66.95	0.026101	±2.5	PASS
Band41	20MHz	QPSK	40340	100RB#0	NV	0	-38.84	-0.015142	±2.5	PASS
Band41	20MHz	QPSK	40340	100RB#0	NV	10	66.18	0.025801	±2.5	PASS
Band41	20MHz	QPSK	40340	100RB#0	NV	20	-30.01	-0.011700	±2.5	PASS
Band41	20MHz	QPSK	40340	100RB#0	NV	30	-22.86	-0.008912	±2.5	PASS
Band41	20MHz	QPSK	40340	100RB#0	NV	40	-41.10	-0.016023	±2.5	PASS
Band41	20MHz	QPSK	40340	100RB#0	NV	50	74.04	0.028865	±2.5	PASS
Band41	20MHz	QPSK	40740	100RB#0	NV	-30	73.49	0.028211	±2.5	PASS
Band41	20MHz	QPSK	40740	100RB#0	NV	-20	-29.11	-0.011175	±2.5	PASS
Band41	20MHz	QPSK	40740	100RB#0	NV	-10	76.36	0.029313	±2.5	PASS
Band41	20MHz	QPSK	40740	100RB#0	NV	0	-38.55	-0.014798	±2.5	PASS
Band41	20MHz	QPSK	40740	100RB#0	NV	10	81.28	0.031202	±2.5	PASS
Band41	20MHz	QPSK	40740	100RB#0	NV	20	-27.84	-0.010687	±2.5	PASS
Band41	20MHz	QPSK	40740	100RB#0	NV	30	74.27	0.028511	±2.5	PASS
Band41	20MHz	QPSK	40740	100RB#0	NV	40	-29.84	-0.011455	±2.5	PASS
Band41	20MHz	QPSK	40740	100RB#0	NV	50	62.20	0.023877	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	-30	76.35	0.028866	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	-20	42.36	0.016015	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	-10	-24.02	-0.009081	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	0	75.53	0.028556	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	10	-34.35	-0.012987	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	20	85.79	0.032435	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	30	76.43	0.028896	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	40	-30.26	-0.011440	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	50	-36.64	-0.013853	±2.5	PASS