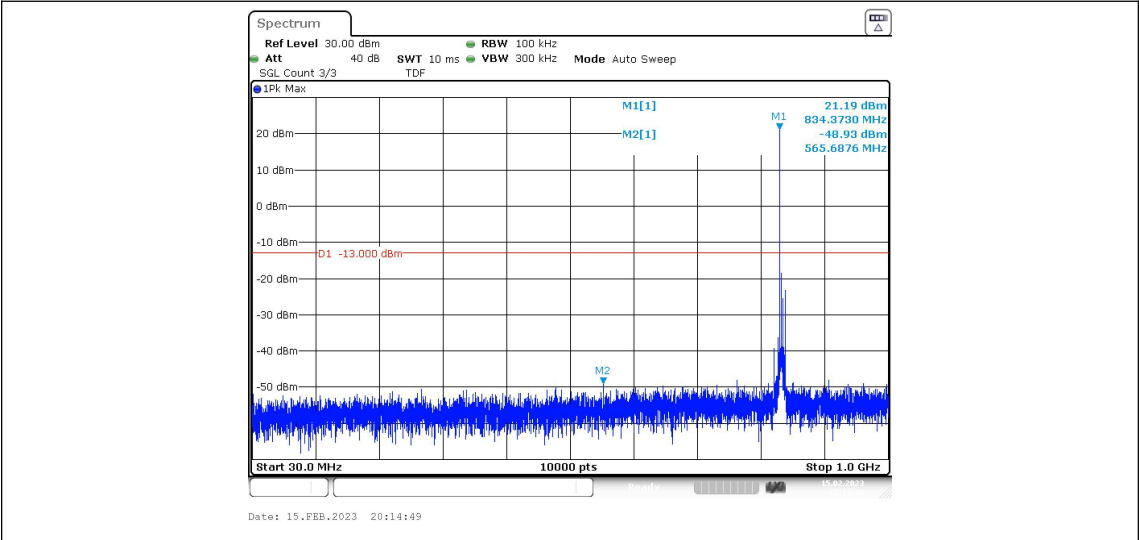
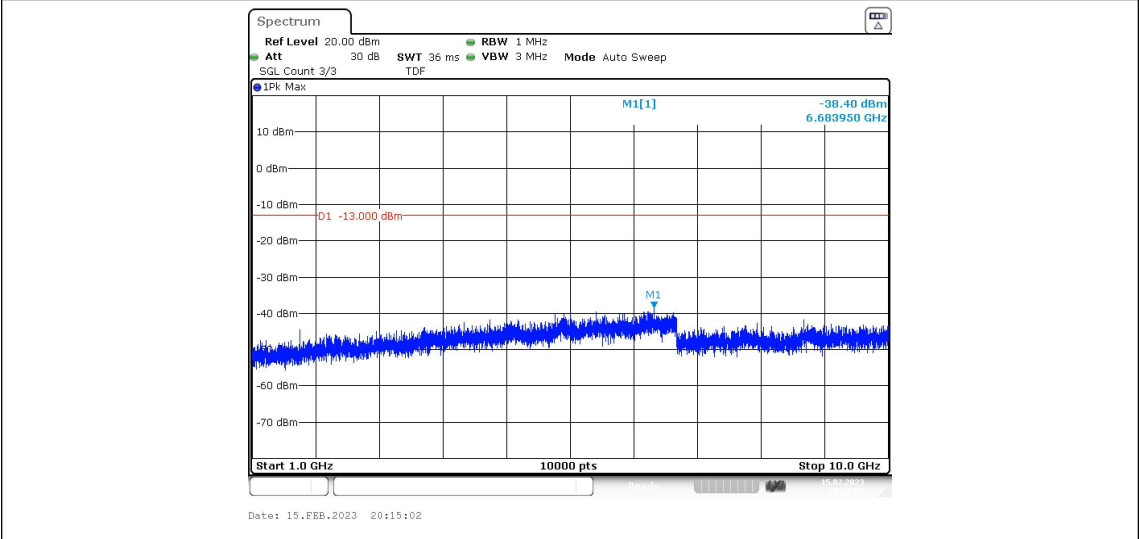
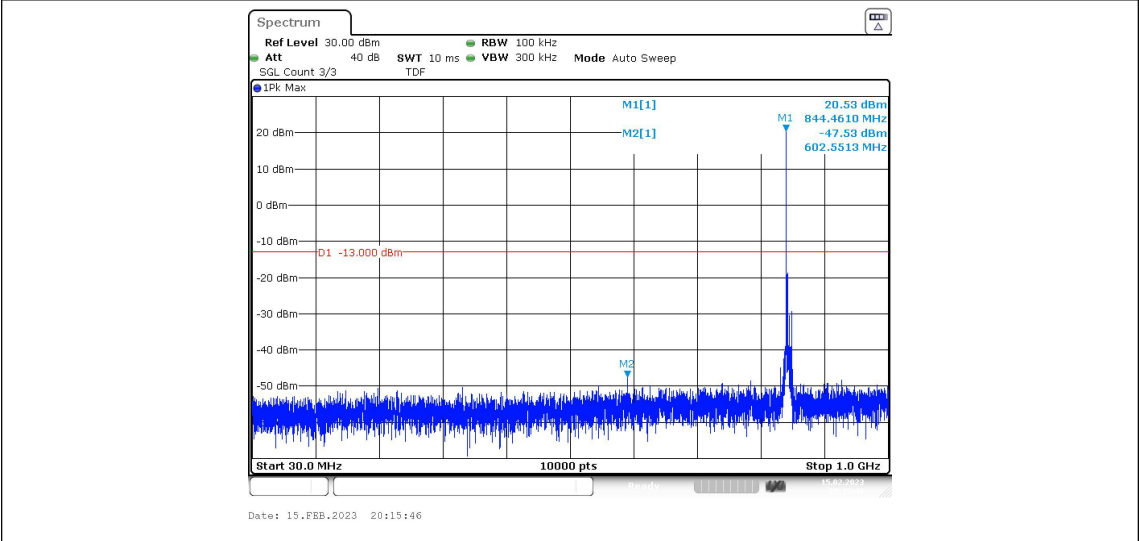




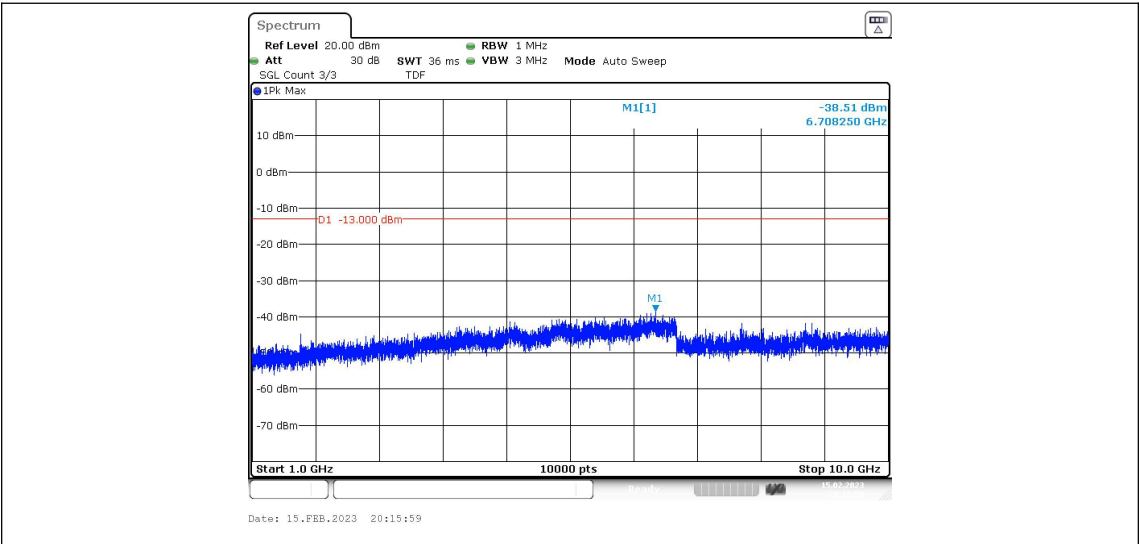
Band5-5MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



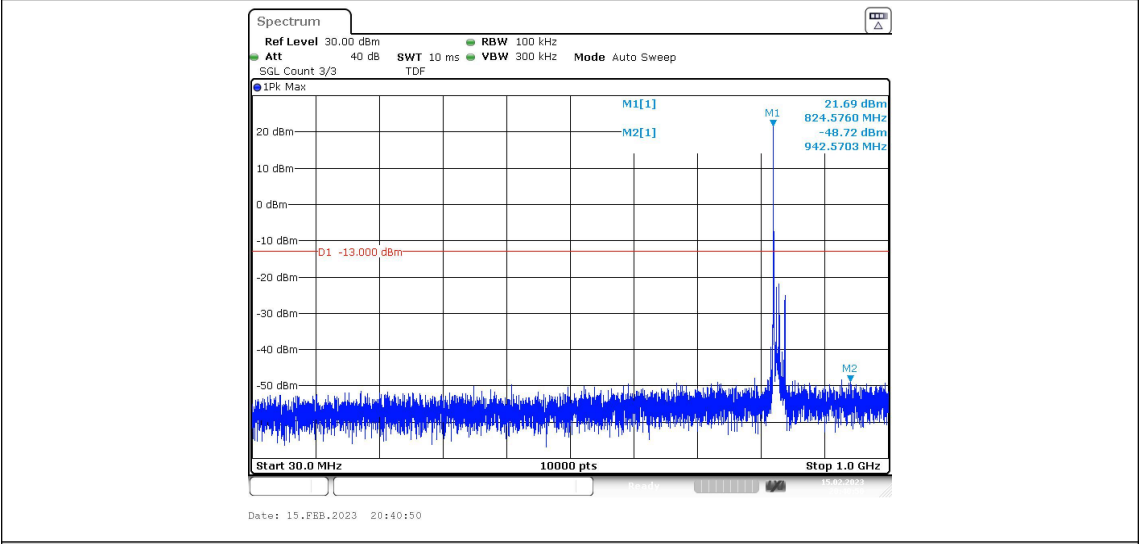
Band5-5MHz-16QAM-20625-1RB#0-Range1:30~1000MHz



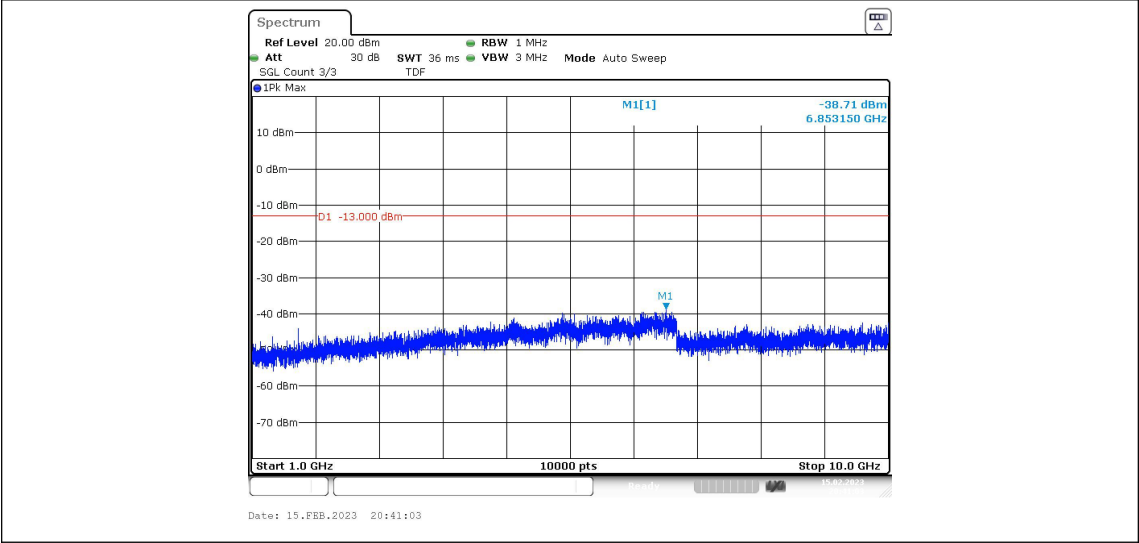
Band5-5MHz-16QAM-20625-1RB#0-Range2:1000~10000MHz



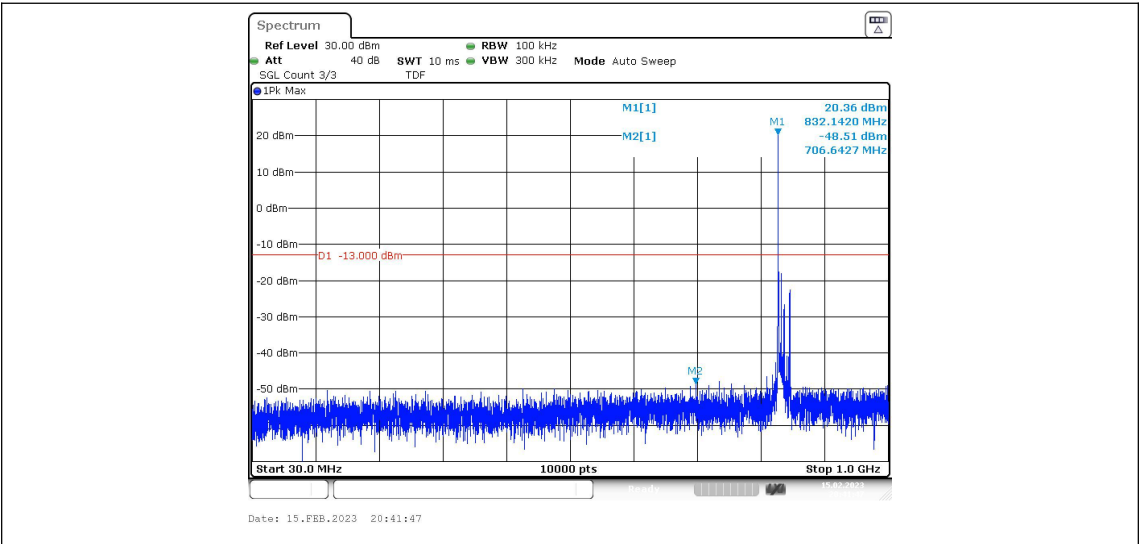
Band5-10MHz-QPSK-20450-1RB#0-Range1:30~1000MHz



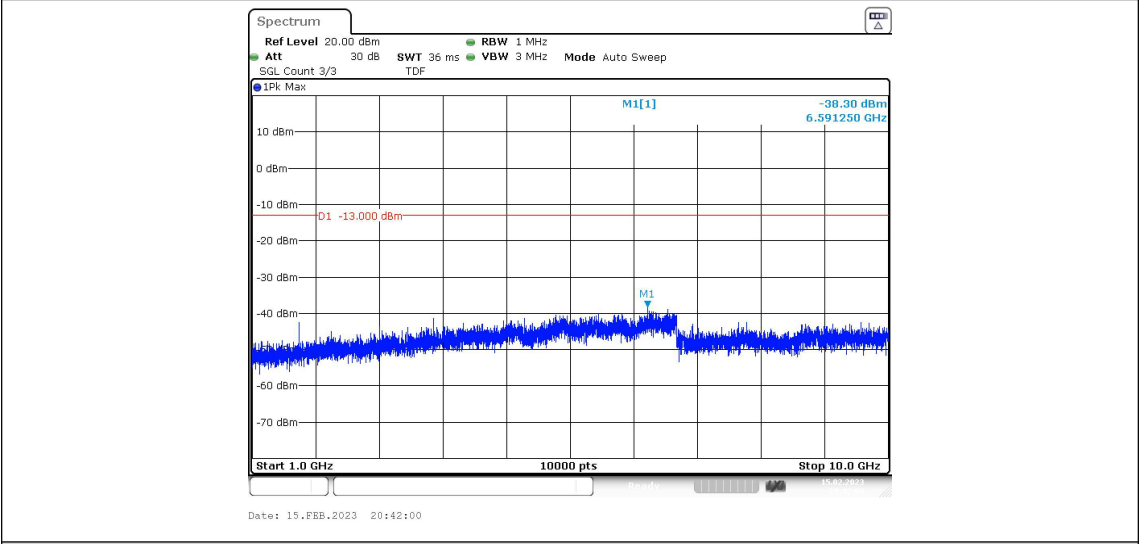
Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz



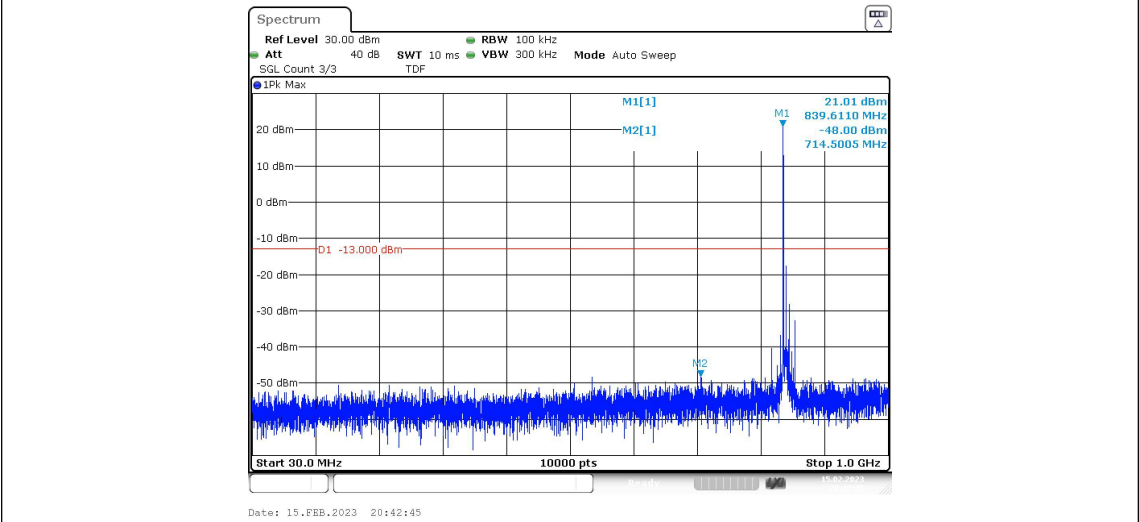
Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



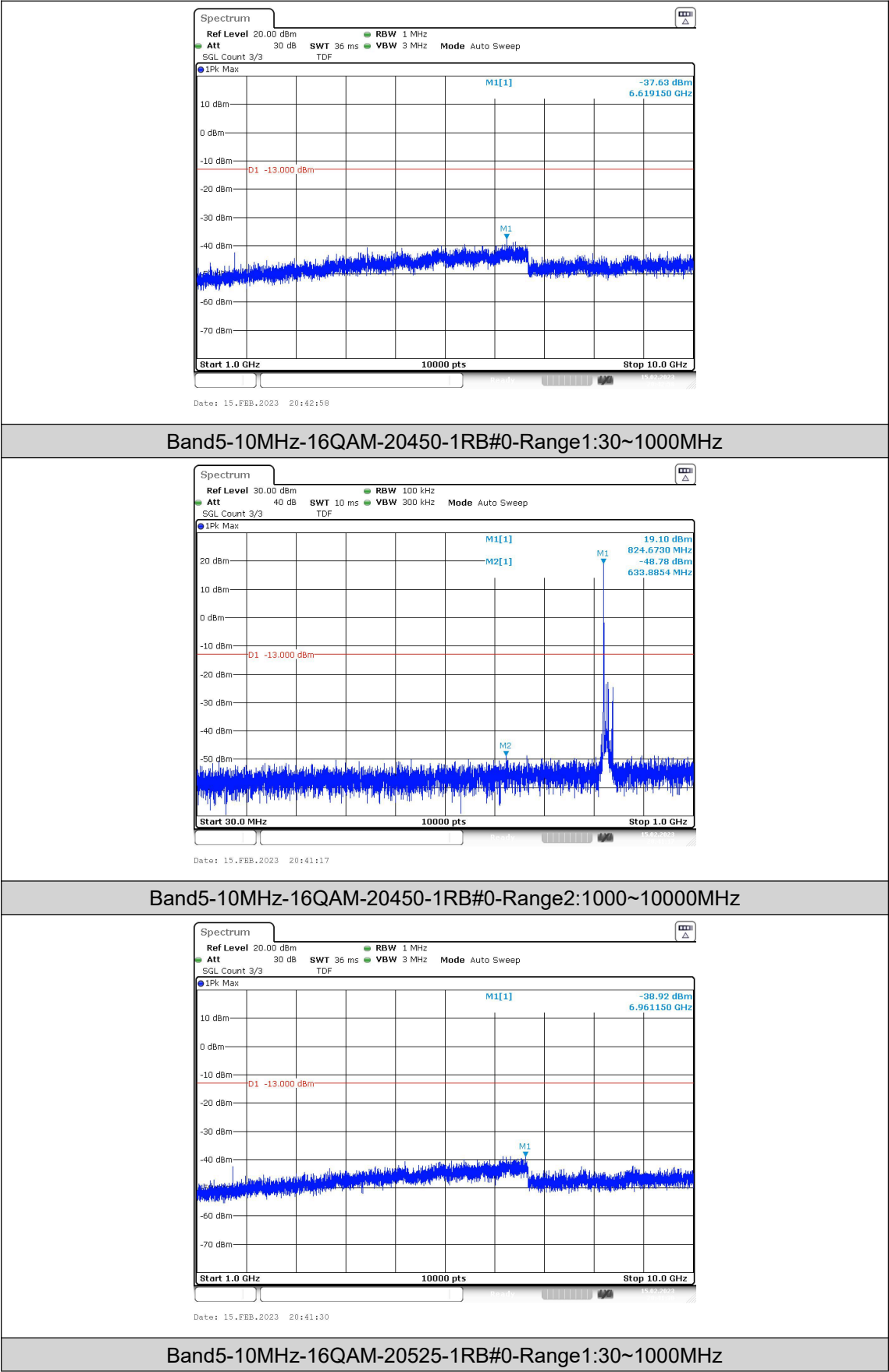
Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz

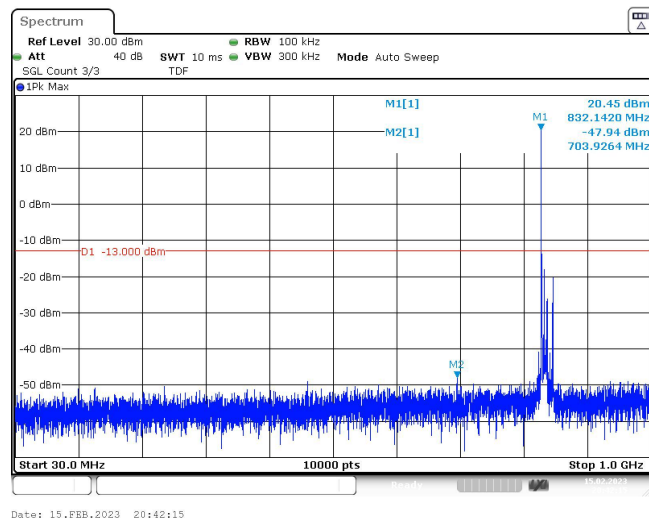


Band5-10MHz-QPSK-20600-1RB#0-Range1:30~1000MHz

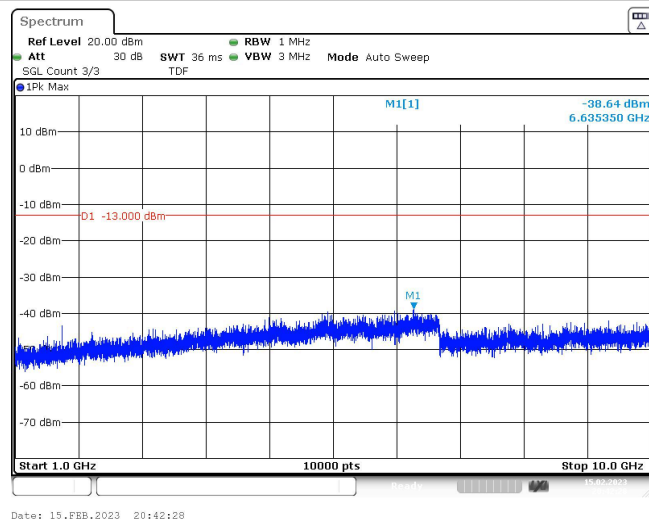


Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~10000MHz

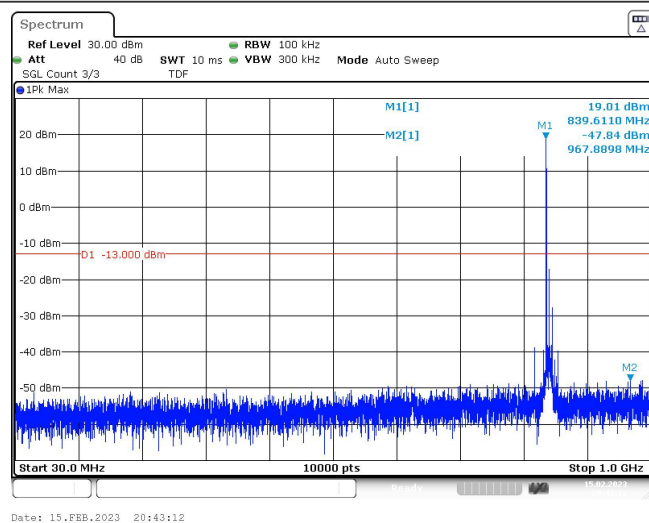




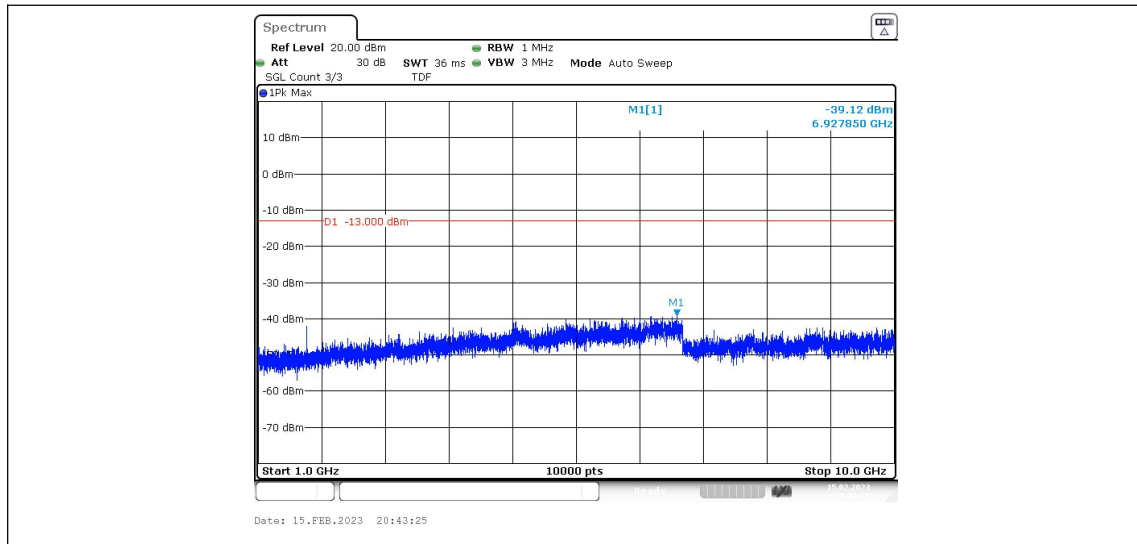
Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz



Band5-10MHz-16QAM-20600-1RB#0-Range2:1000~10000MHz



Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band5	1.4MHz	QPSK	20407	6RB#0	VL	NT	2.57	0.003116	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VN	NT	-8.77	-0.010634	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VH	NT	-14.23	-0.017255	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	2.33	0.002785	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	-16.88	-0.020179	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	6.11	0.007304	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VL	NT	-9.98	-0.011765	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VN	NT	4.46	0.005258	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VH	NT	-4.62	-0.005446	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VL	NT	-10.91	-0.013229	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VN	NT	-4.62	-0.005602	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VH	NT	6.74	0.008173	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VL	NT	-8.17	-0.009767	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VN	NT	-2.15	-0.002570	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VH	NT	-7.94	-0.009492	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VL	NT	-9.56	-0.011270	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VN	NT	-16.15	-0.019038	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VH	NT	5.25	0.006189	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VL	NT	-15.82	-0.019164	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VN	NT	-11.00	-0.013325	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VH	NT	-3.06	-0.003707	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VL	NT	-6.78	-0.008105	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VN	NT	-9.06	-0.010831	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VH	NT	-9.64	-0.011524	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VL	NT	1.79	0.002112	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VN	NT	-3.92	-0.004625	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VH	NT	3.98	0.004696	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VL	NT	-7.94	-0.009618	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VN	NT	-2.93	-0.003549	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VH	NT	-12.06	-0.014609	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VL	NT	-8.04	-0.009611	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VN	NT	-11.62	-0.013891	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VH	NT	-8.30	-0.009922	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VL	NT	-19.67	-0.023209	±2.5	PASS

Band5	3MHz	16QAM	20635	15RB#0	VN	NT	2.90	0.003422	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VH	NT	-10.97	-0.012944	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VL	NT	-5.46	-0.006606	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VN	NT	-12.92	-0.015632	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VH	NT	-10.63	-0.012861	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VL	NT	7.61	0.009097	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VN	NT	-4.18	-0.004997	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	-12.36	-0.014776	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VL	NT	-7.12	-0.008411	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VN	NT	-2.76	-0.003260	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VH	NT	-11.99	-0.014164	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VL	NT	-15.65	-0.018935	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VN	NT	-11.19	-0.013539	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VH	NT	-4.89	-0.005917	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VL	NT	1.62	0.001937	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VN	NT	-8.71	-0.010412	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VH	NT	-16.26	-0.019438	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VL	NT	-13.58	-0.016043	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VN	NT	-9.81	-0.011589	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VH	NT	-4.58	-0.005411	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-9.18	-0.011074	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-6.12	-0.007382	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-12.15	-0.014656	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	4.09	0.004889	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	2.99	0.003574	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-9.24	-0.011046	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-13.72	-0.016256	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	5.58	0.006611	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-9.04	-0.010711	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	-15.48	-0.018673	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-12.37	-0.014922	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-15.09	-0.018203	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	6.42	0.007675	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-7.57	-0.009050	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-12.53	-0.014979	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-10.40	-0.012322	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-3.73	-0.004419	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-11.39	-0.013495	±2.5	PASS

Temperature

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-30	-13.56	-0.016442	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-20	1.99	0.002413	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	-12.42	-0.015060	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	-6.57	-0.007967	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	4.26	0.005166	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	-11.73	-0.014023	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	-14.58	-0.017430	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	-3.12	-0.003730	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	-12.20	-0.014585	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	-5.09	-0.006085	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-30	-4.66	-0.005493	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-20	-7.93	-0.009348	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	6.95	0.008193	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	-4.09	-0.004821	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	-10.46	-0.012331	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-30	-7.37	-0.008937	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-20	3.28	0.003977	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	0	-10.14	-0.012295	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	10	-10.04	-0.012174	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	20	4.35	0.005275	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-30	-13.12	-0.015684	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-20	-4.95	-0.005918	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	-12.40	-0.014824	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	-12.00	-0.014345	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	5.45	0.006515	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-30	4.06	0.004786	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-20	3.86	0.004550	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	0	-5.97	-0.007038	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	10	-8.85	-0.010433	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	20	2.39	0.002817	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-30	-14.18	-0.017177	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-20	-2.79	-0.003380	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	0	-12.96	-0.015700	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	10	-14.25	-0.017262	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	20	-7.65	-0.009267	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-30	-9.08	-0.010855	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	9.16	0.010950	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	-14.15	-0.016916	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	-7.41	-0.008858	±2.5	PASS

Band5	3MHz	QPSK	20525	15RB#0	NV	20	-3.53	-0.004220	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-30	-4.49	-0.005298	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-20	2.22	0.002619	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	0	-12.29	-0.014501	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	10	4.86	0.005735	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	20	-11.27	-0.013298	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-30	-8.31	-0.010067	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-20	-8.94	-0.010830	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	0	2.09	0.002532	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	10	-12.15	-0.014718	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	20	-5.14	-0.006227	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-30	-7.17	-0.008571	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-20	-14.85	-0.017753	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	0	-8.23	-0.009839	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	10	2.75	0.003288	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	20	-13.90	-0.016617	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-30	-8.54	-0.010077	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-20	-10.16	-0.011988	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	0	-7.61	-0.008979	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	10	-8.45	-0.009971	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	20	-10.36	-0.012224	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-30	-10.66	-0.012898	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-20	-8.48	-0.010260	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	0	-10.73	-0.012982	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	10	-13.35	-0.016152	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	20	-4.26	-0.005154	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-30	1.30	0.001554	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	-3.00	-0.003586	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	-6.01	-0.007185	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	-13.38	-0.015995	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	-13.62	-0.016282	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-30	-3.03	-0.003579	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-20	-14.81	-0.017496	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	0	-5.29	-0.006249	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	10	-6.82	-0.008057	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	20	-9.03	-0.010667	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-30	-2.89	-0.003497	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-20	-5.82	-0.007042	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	0	-16.21	-0.019613	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	10	-2.75	-0.003327	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	20	-3.23	-0.003908	±2.5	PASS

Band5	5MHz	16QAM	20525	25RB#0	NV	-30	-6.81	-0.008141	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-20	7.17	0.008571	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	0	-14.09	-0.016844	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	10	-13.89	-0.016605	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	20	-11.39	-0.013616	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-30	-10.37	-0.012250	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-20	-8.74	-0.010325	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	0	-13.78	-0.016279	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	10	-7.34	-0.008671	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	20	-11.74	-0.013869	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	-7.45	-0.008987	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-9.53	-0.011496	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-10.70	-0.012907	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-14.09	-0.016996	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-11.52	-0.013896	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-10.97	-0.013114	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	4.73	0.005655	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-6.71	-0.008022	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	2.69	0.003216	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-6.51	-0.007782	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-1.43	-0.001694	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	5.95	0.007050	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-14.25	-0.016884	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-6.75	-0.007998	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-12.30	-0.014573	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	-3.88	-0.004680	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	-9.76	-0.011773	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-10.19	-0.012292	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	6.75	0.008142	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	-2.82	-0.003402	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-14.53	-0.017370	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	-9.47	-0.011321	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	-14.85	-0.017753	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-4.18	-0.004997	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-4.89	-0.005846	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	-13.52	-0.016019	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-10.84	-0.012844	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-13.66	-0.016185	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	10.33	0.012239	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	2.65	0.003140	±2.5	PASS