



Band4-1312



Band4-1513



Band5-4132



Band5-4233

1.5 Conducted Spurious Emission

1.5.1 Test Result

GSM:

Band	Channel	Frequency Range(MHz)	Max.Freq. (MHz)	Result (dBm)	Limit (dBm)	Verdict
GSM850	128	30~1000MHz	43.87	-53.02	-13	PASS
GSM850	128	1000~10000MHz	2472.5	-19.73	-13	PASS
GSM850	190	30~1000MHz	34.62	-53.42	-13	PASS
GSM850	190	1000~10000MHz	2510.3	-24.67	-13	PASS
GSM850	251	30~1000MHz	52.54	-53.37	-13	PASS
GSM850	251	1000~10000MHz	2546.9	-17.34	-13	PASS
GSM1900	512	30~1000MHz	38.65	-49.13	-13	PASS
GSM1900	512	1000~3000MHz	2976.53	-44.87	-13	PASS
GSM1900	512	3000~20000MHz	7498.9	-52.09	-13	PASS
GSM1900	661	30~1000MHz	33.9	-49.1	-13	PASS
GSM1900	661	1000~3000MHz	2992.6	-45.12	-13	PASS
GSM1900	661	3000~20000MHz	7497.77	-52.13	-13	PASS
GSM1900	810	30~1000MHz	47.73	-49.14	-13	PASS
GSM1900	810	1000~3000MHz	2991.67	-45.14	-13	PASS
GSM1900	810	3000~20000MHz	7480.77	-52.07	-13	PASS
GPRS850	128	30~1000MHz	42.87	-53.69	-13	PASS
GPRS850	128	1000~10000MHz	2472.8	-20.23	-13	PASS
GPRS850	190	30~1000MHz	59.78	-53.43	-13	PASS
GPRS850	190	1000~10000MHz	1672.73	-34.26	-13	PASS
GPRS850	251	30~1000MHz	54.22	-53.15	-13	PASS
GPRS850	251	1000~10000MHz	1697.63	-33.6	-13	PASS
GPRS1900	512	30~1000MHz	38.65	-48.99	-13	PASS
GPRS1900	512	1000~3000MHz	2971.67	-45.02	-13	PASS
GPRS1900	512	3000~20000MHz	7498.9	-52.01	-13	PASS
GPRS1900	661	30~1000MHz	34.61	-49.27	-13	PASS
GPRS1900	661	1000~3000MHz	2985.53	-45.15	-13	PASS
GPRS1900	661	3000~20000MHz	7499.47	-52.1	-13	PASS

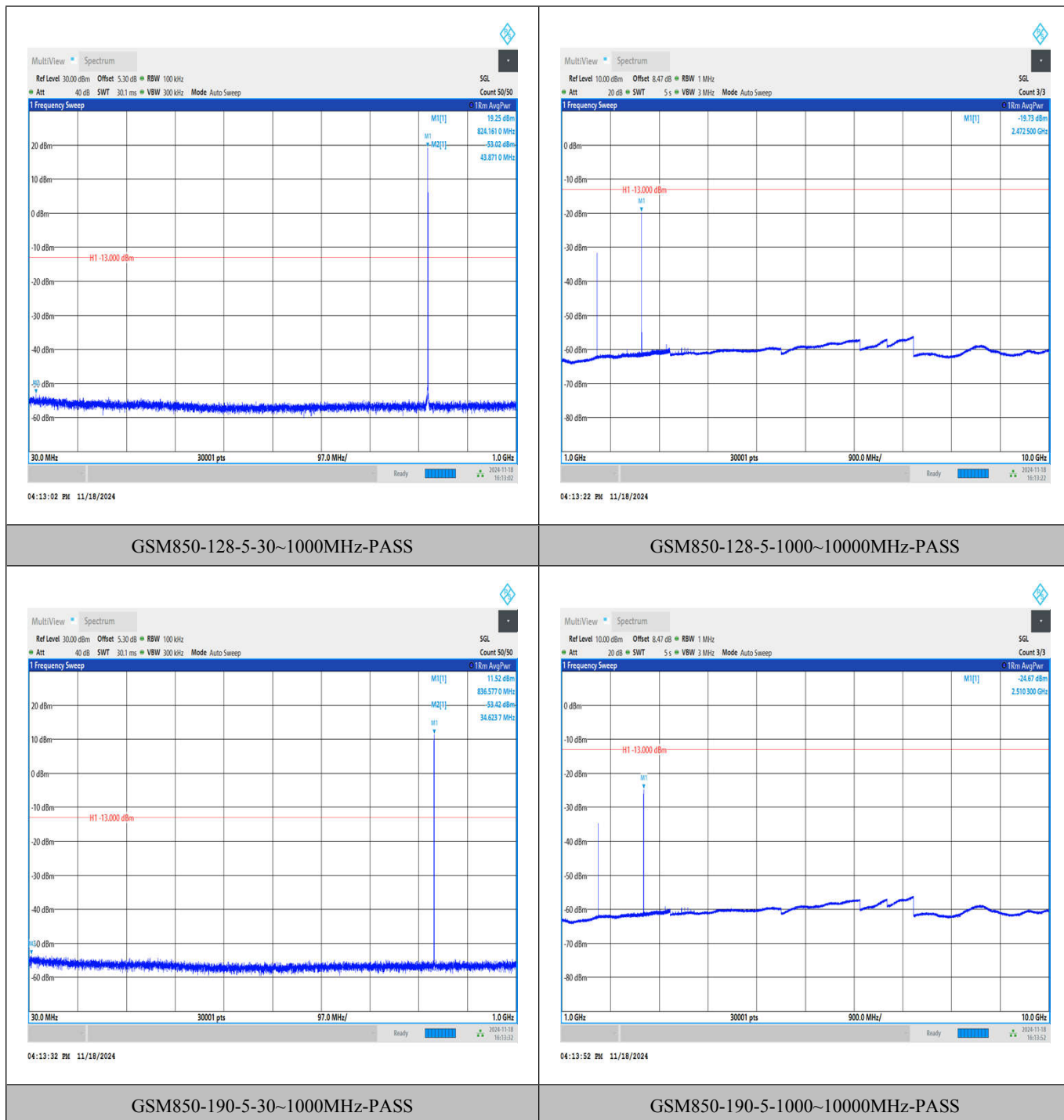
GPRS1900	810	30~1000MHz	37.42	-49.13	-13	PASS
GPRS1900	810	1000~3000MHz	2992.07	-45.09	-13	PASS
GPRS1900	810	3000~20000MHz	7498.33	-52.01	-13	PASS
EGPRS850	128	30~1000MHz	53.93	-53.47	-13	PASS
EGPRS850	128	1000~10000MHz	2472.8	-35.56	-13	PASS
EGPRS850	190	30~1000MHz	47.88	-53.38	-13	PASS
EGPRS850	190	1000~10000MHz	1673.33	-47.82	-13	PASS
EGPRS850	251	30~1000MHz	35.63	-53.13	-13	PASS
EGPRS850	251	1000~10000MHz	2546	-41.16	-13	PASS
EGPRS1900	512	30~1000MHz	36.42	-49.27	-13	PASS
EGPRS1900	512	1000~3000MHz	2993	-45.16	-13	PASS
EGPRS1900	512	3000~20000MHz	7493.8	-52.05	-13	PASS
EGPRS1900	661	30~1000MHz	40.65	-49.1	-13	PASS
EGPRS1900	661	1000~3000MHz	2967.87	-45.08	-13	PASS
EGPRS1900	661	3000~20000MHz	7476.8	-51.99	-13	PASS
EGPRS1900	810	30~1000MHz	35.74	-49.2	-13	PASS
EGPRS1900	810	1000~3000MHz	2958.47	-45.13	-13	PASS
EGPRS1900	810	3000~20000MHz	7494.37	-51.98	-13	PASS

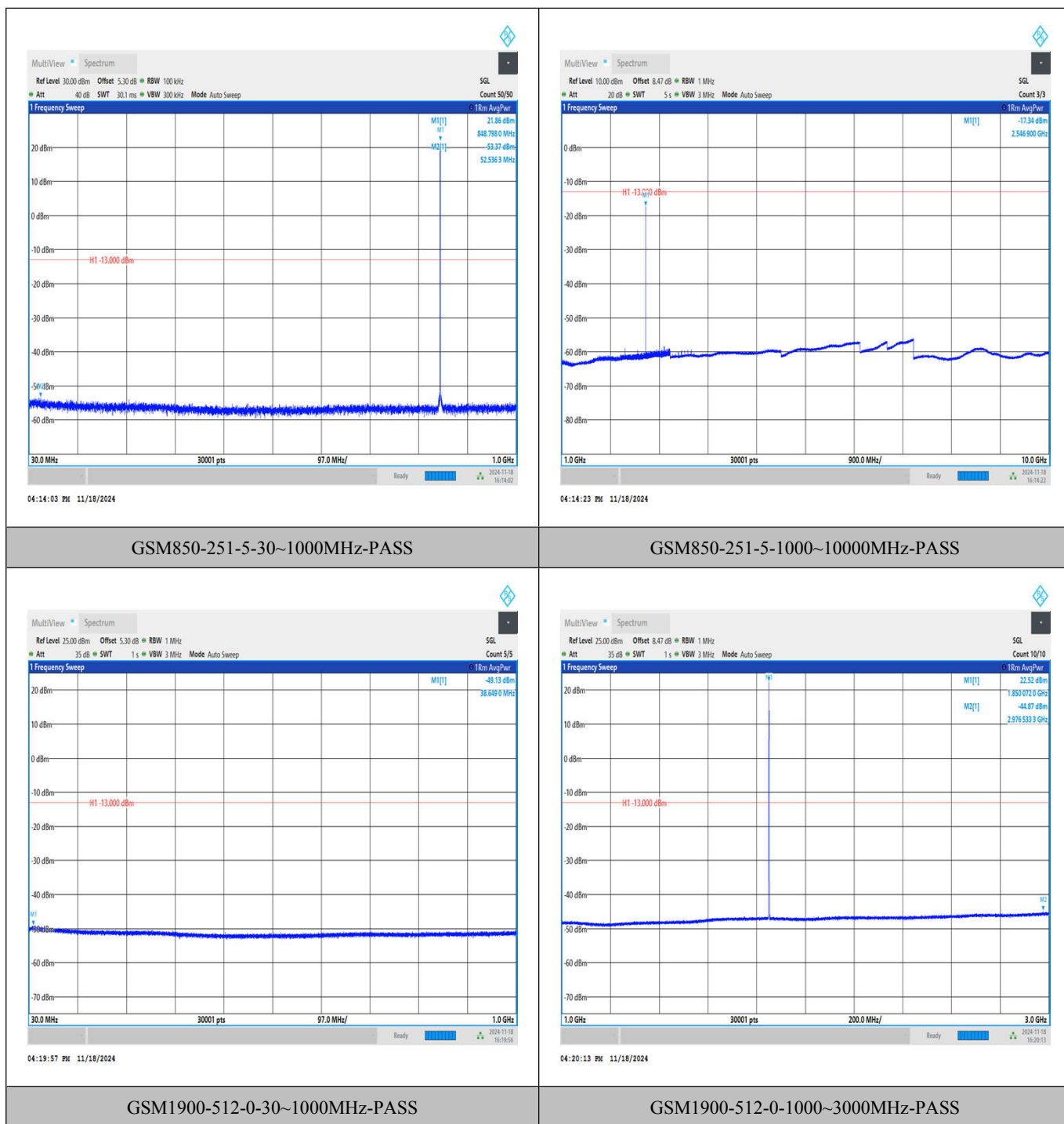
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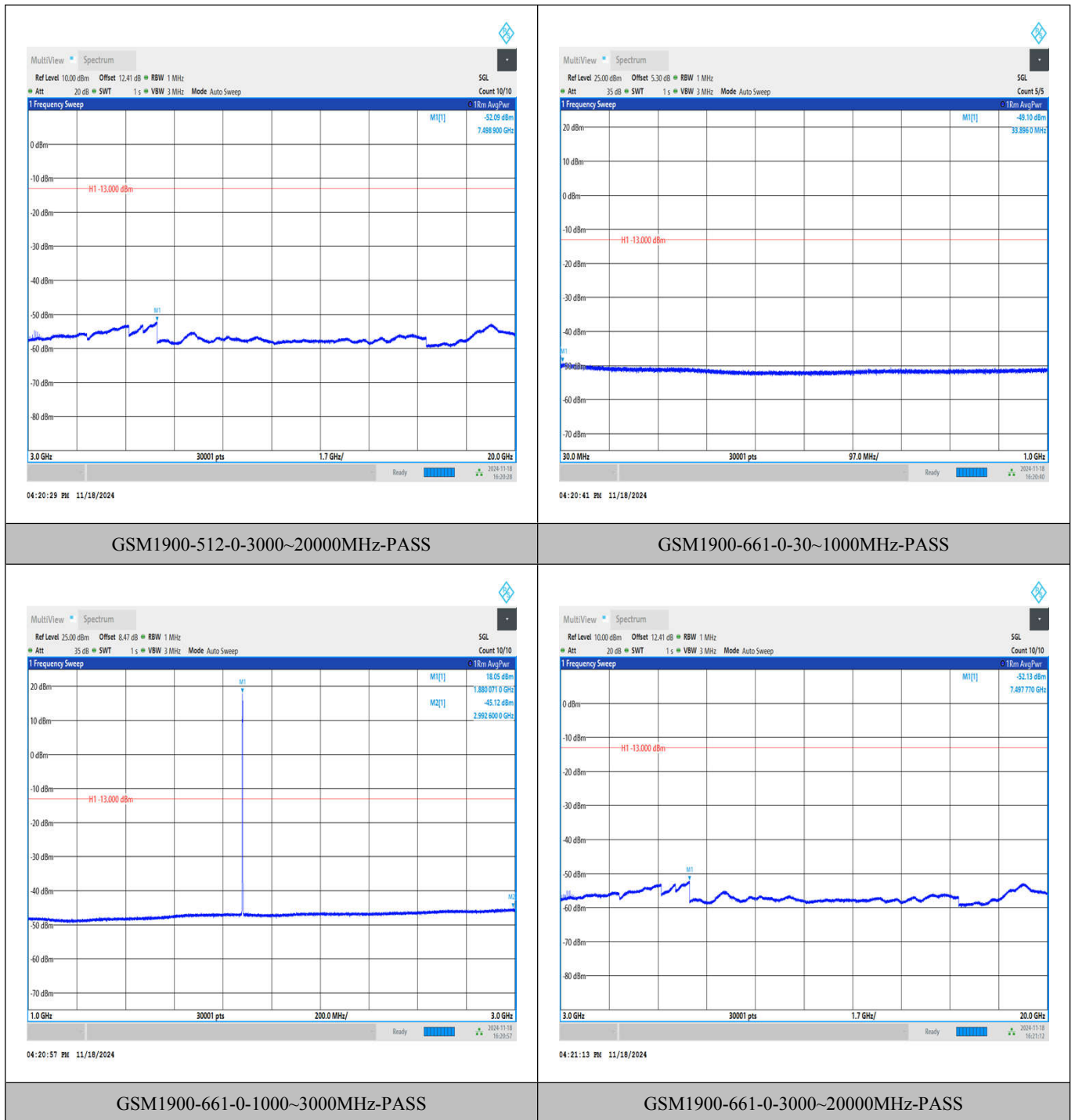
Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	30~1000MHz	44.18	-48.84	-13	PASS
Band2	9262	1000~20000MHz	19105.1	-44.76	-13	PASS
Band2	9400	30~1000MHz	37.81	-48.91	-13	PASS
Band2	9400	1000~20000MHz	19119.03	-44.5	-13	PASS
Band2	9538	30~1000MHz	45.41	-48.98	-13	PASS
Band2	9538	1000~20000MHz	19104.47	-44.78	-13	PASS
Band4	1312	30~1000MHz	46.38	-48.98	-13	PASS
Band4	1312	1000~20000MHz	19115.23	-44.76	-13	PASS
Band4	1413	30~1000MHz	33.44	-48.94	-13	PASS
Band4	1413	1000~20000MHz	19201.37	-44.75	-13	PASS
Band4	1513	30~1000MHz	41.2	-48.81	-13	PASS
Band4	1513	1000~20000MHz	19217.83	-44.72	-13	PASS

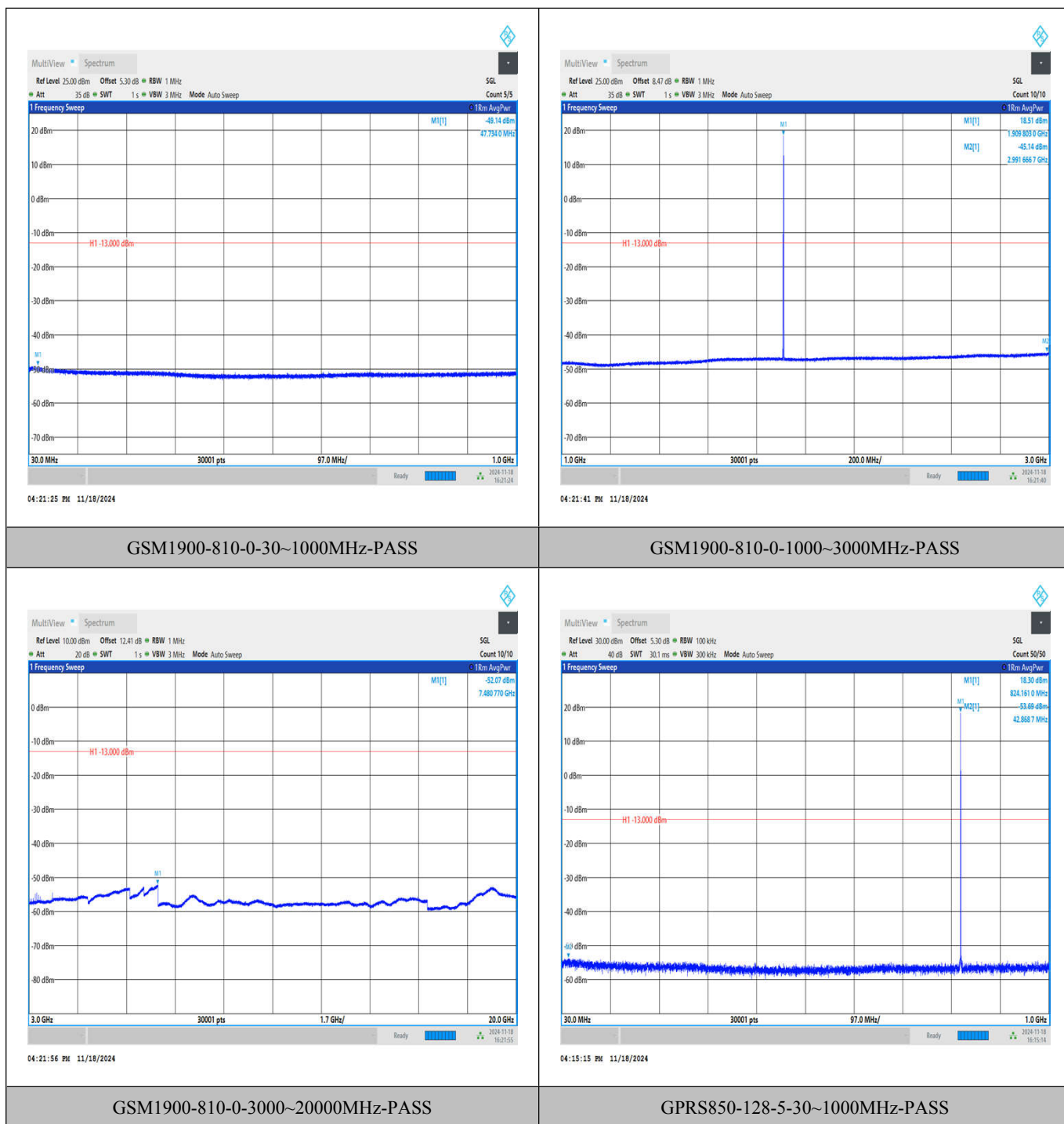
Band5	4132	30~1000MHz	45.49	-58.13	-13	PASS
Band5	4132	1000~3000MHz	2476.45	-48.55	-13	PASS
Band5	4132	3000~10000MHz	7476.47	-52.08	-13	PASS
Band5	4182	30~1000MHz	47.69	-58.33	-13	PASS
Band5	4182	1000~3000MHz	2511.78	-48.86	-13	PASS
Band5	4182	3000~10000MHz	7493.03	-52.12	-13	PASS
Band5	4233	30~1000MHz	40.54	-58.34	-13	PASS
Band5	4233	1000~3000MHz	2537.05	-45.56	-13	PASS
Band5	4233	3000~10000MHz	7492.1	-51.96	-13	PASS

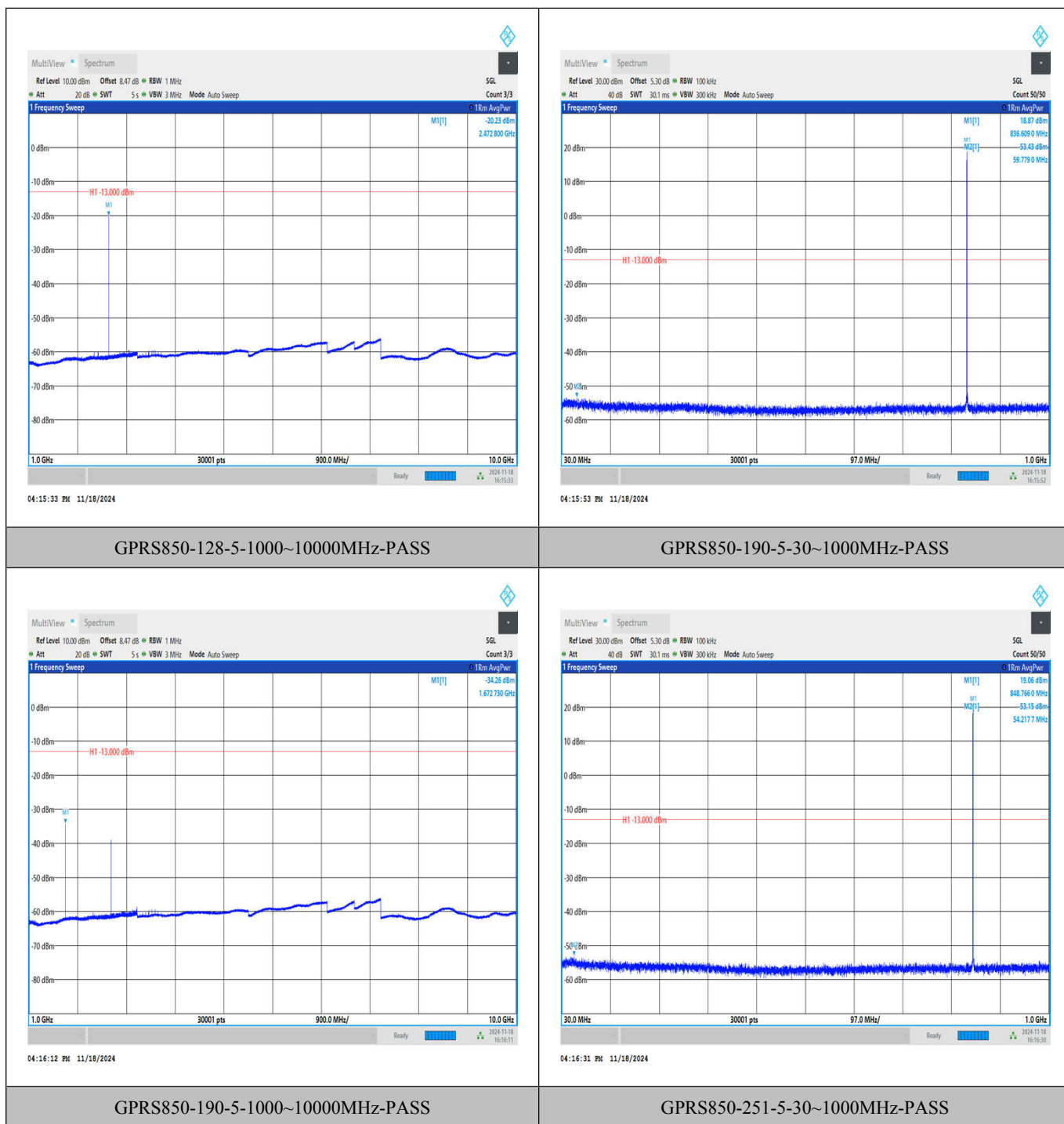
1.5.2 Test Graphs

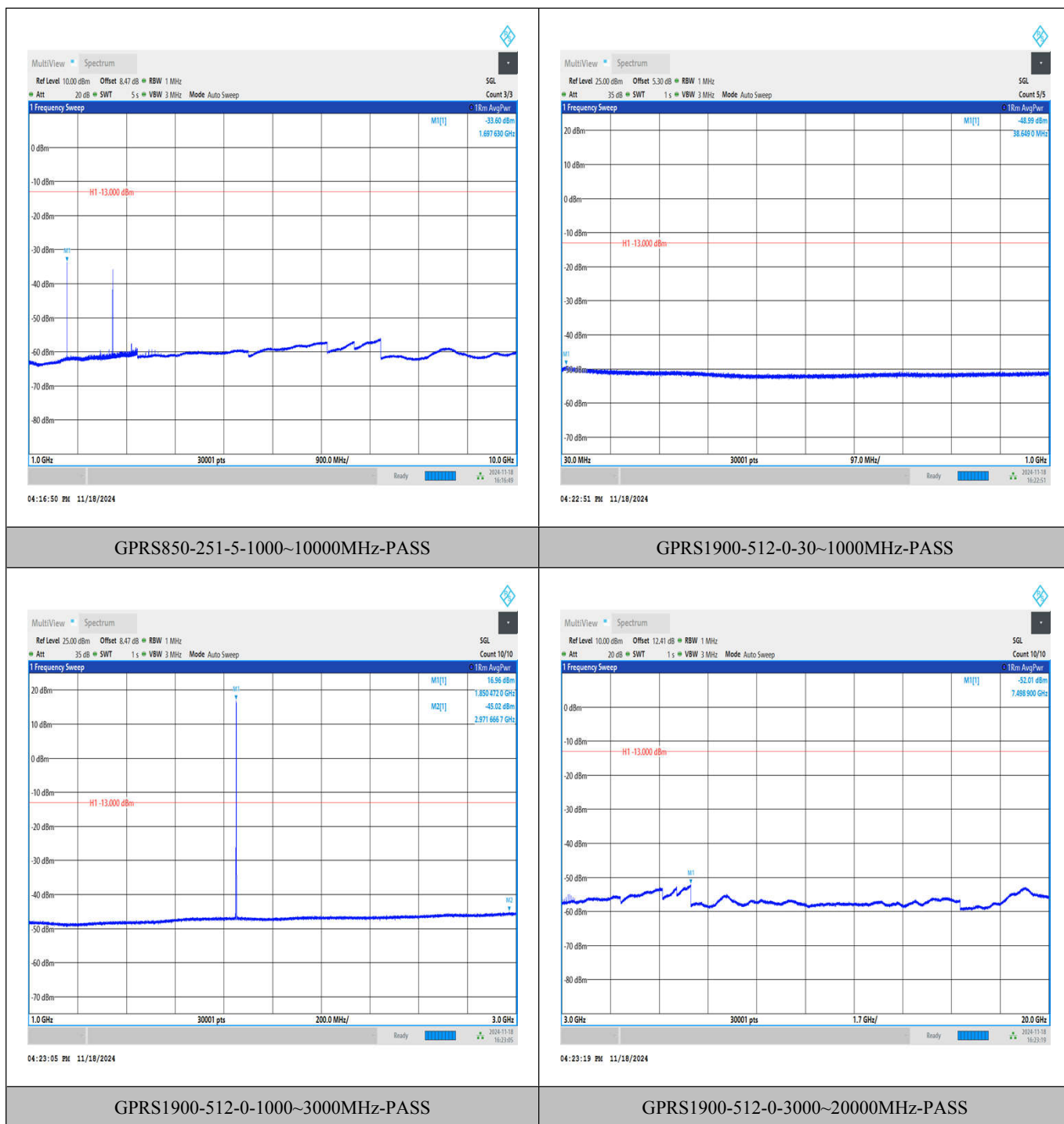


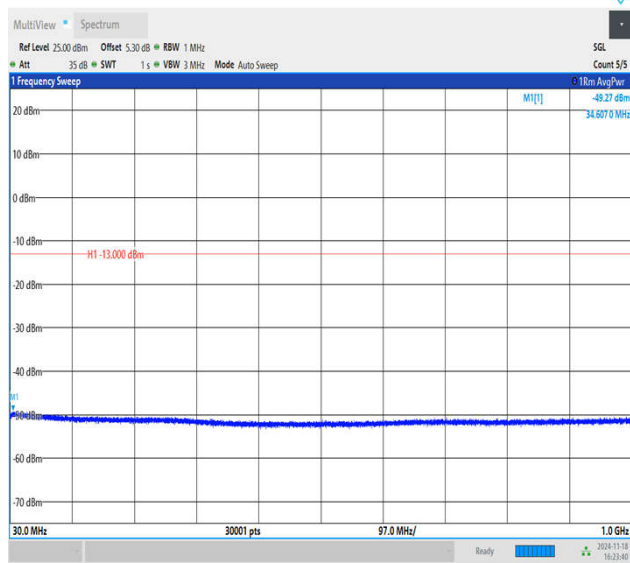




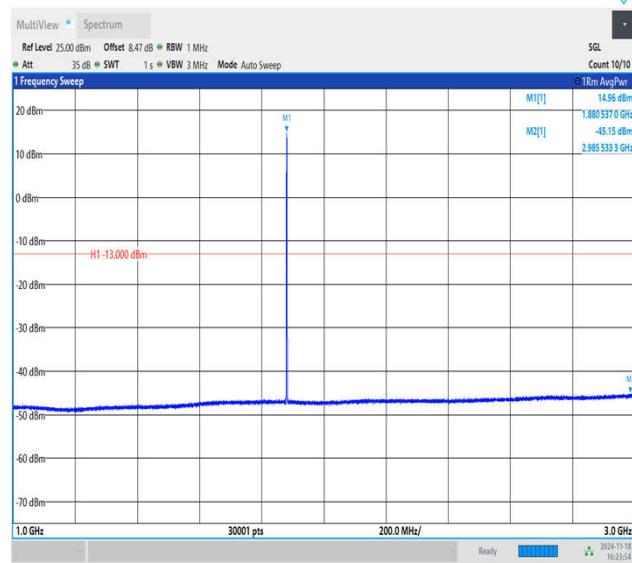




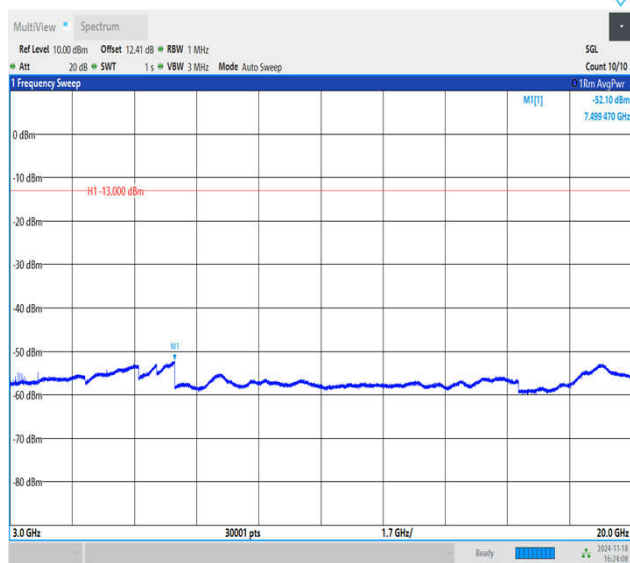




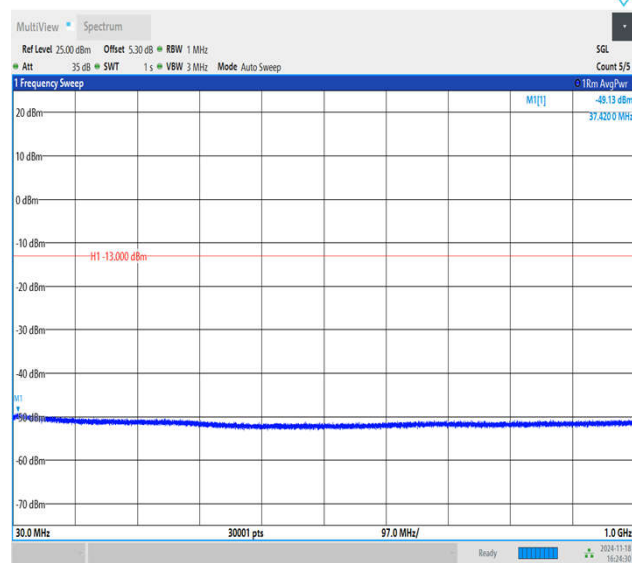
GPRS1900-661-0-30~1000MHz-PASS



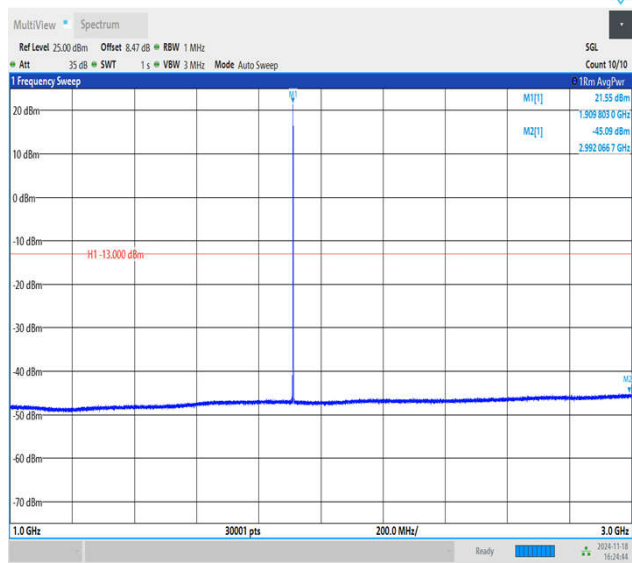
GPRS1900-661-0-1000~3000MHz-PASS



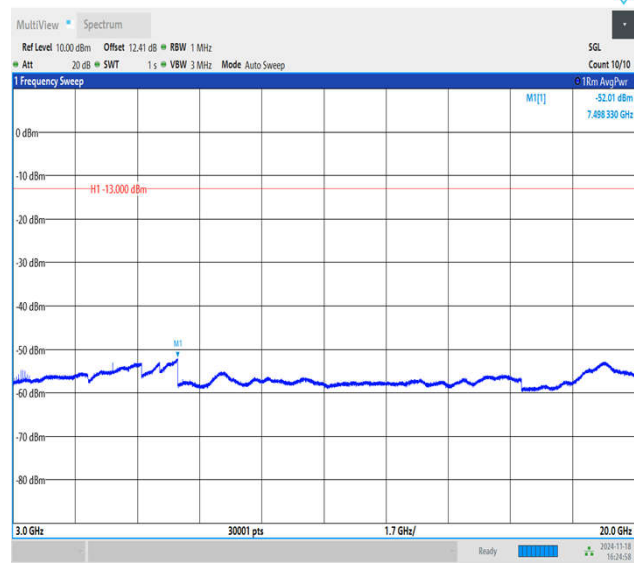
GPRS1900-661-0-3000~20000MHz-PASS



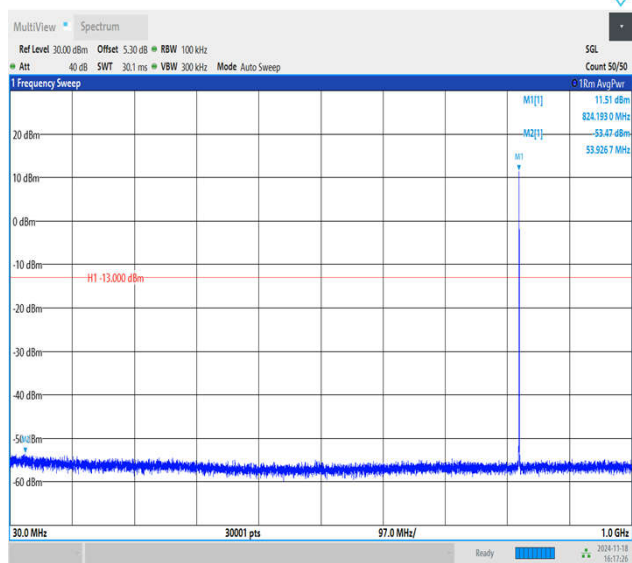
GPRS1900-810-0-30~1000MHz-PASS



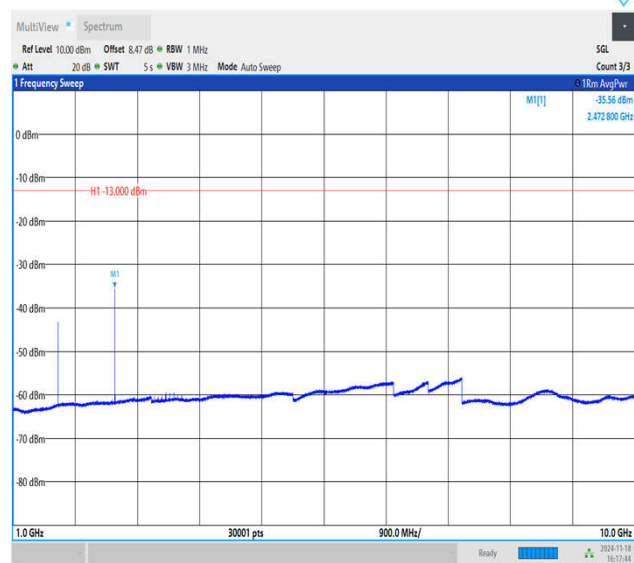
GPRS1900-810-0-1000~3000MHz-PASS



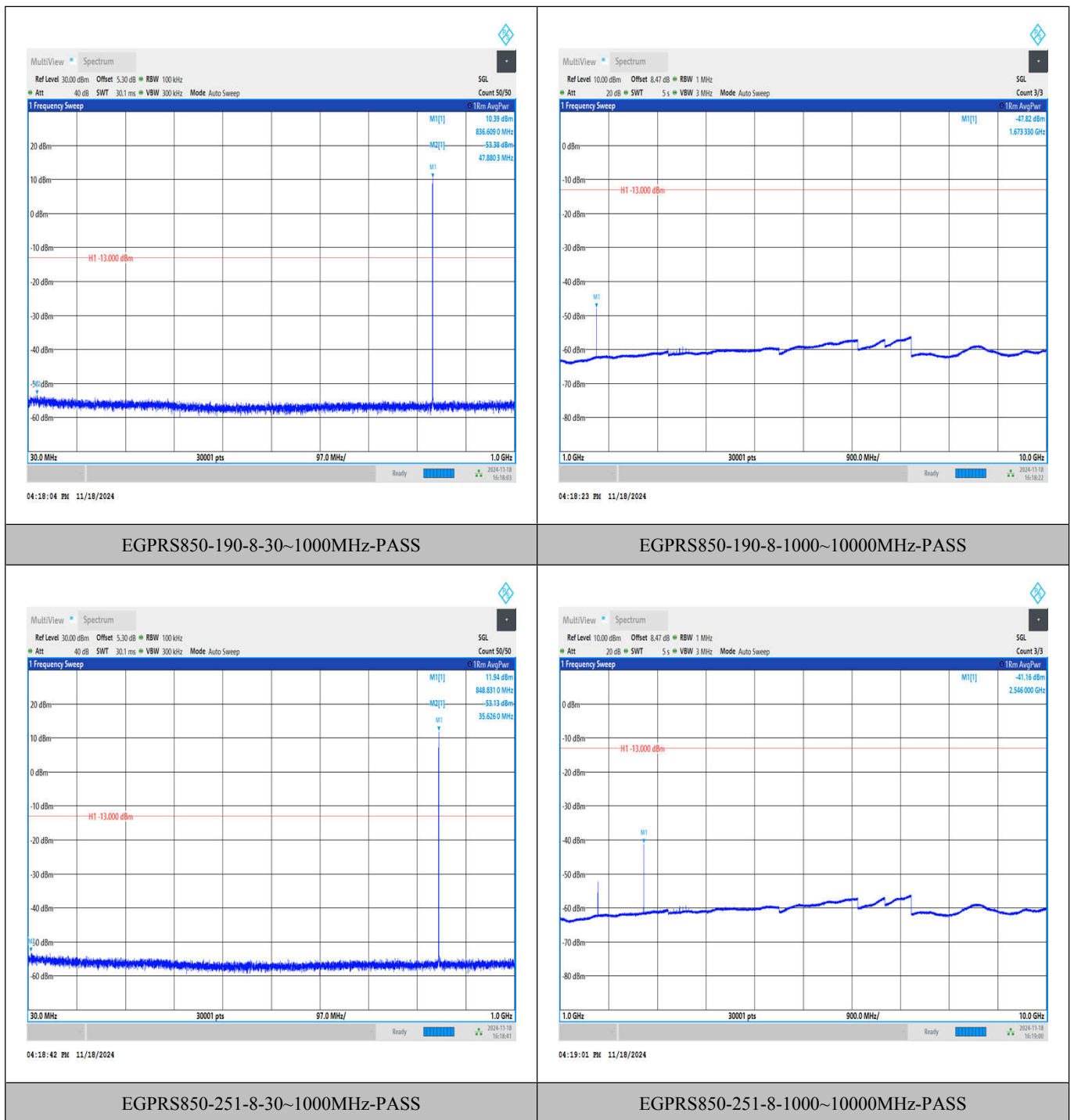
GPRS1900-810-0-3000~20000MHz-PASS

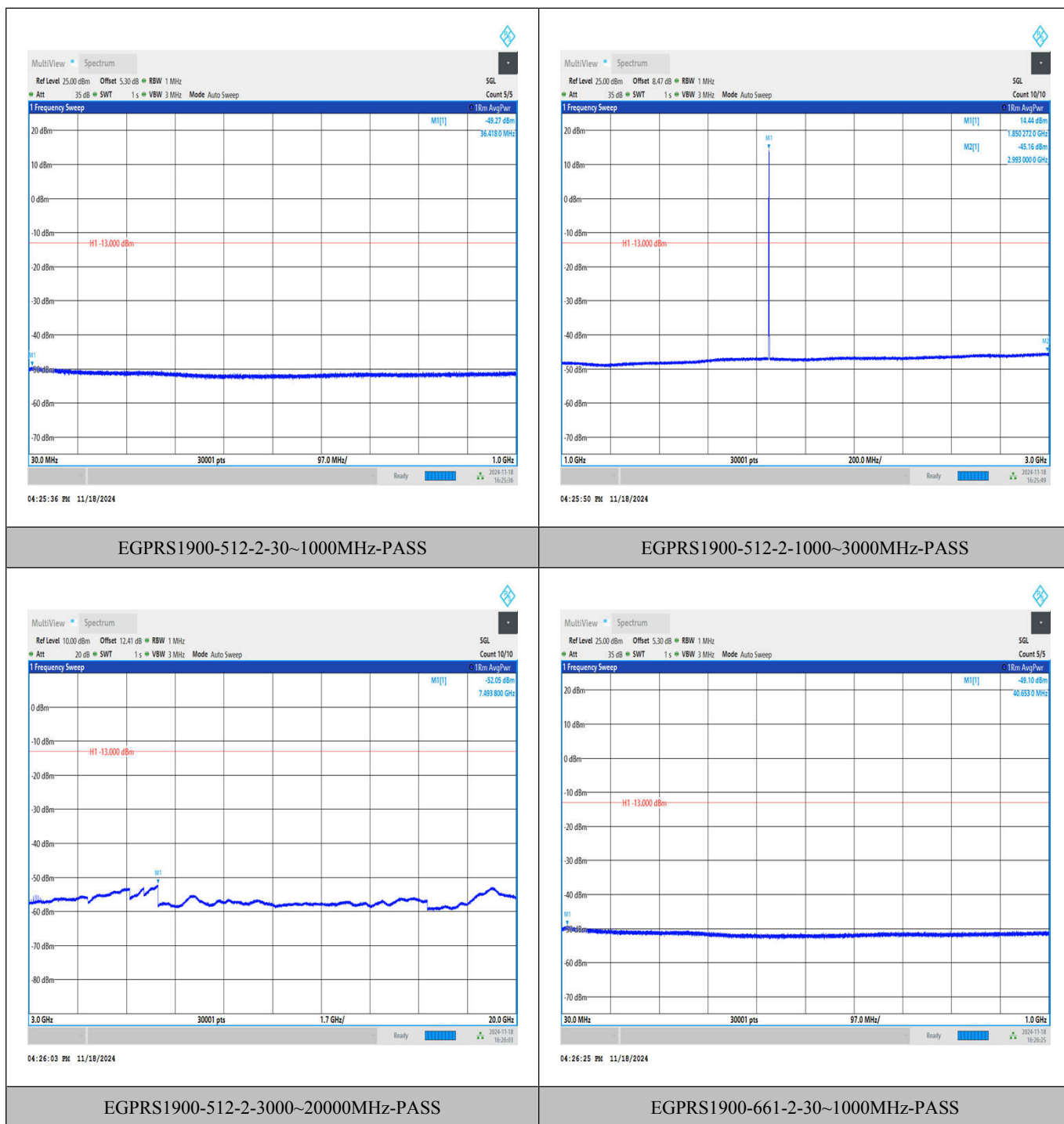


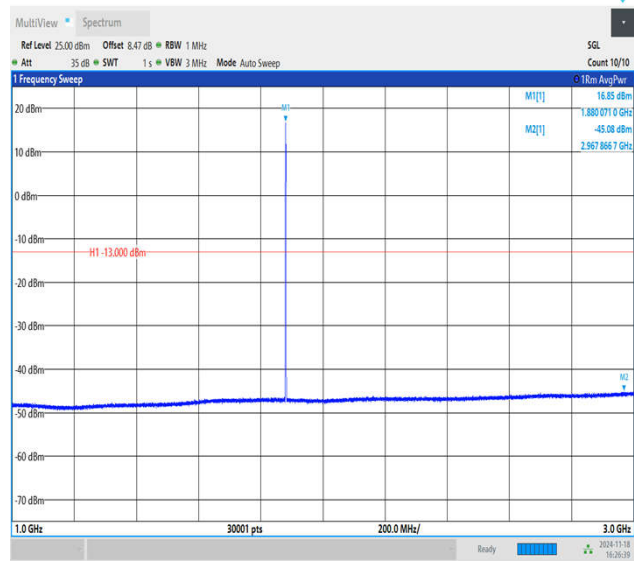
EGPRS850-128-8-30~1000MHz-PASS



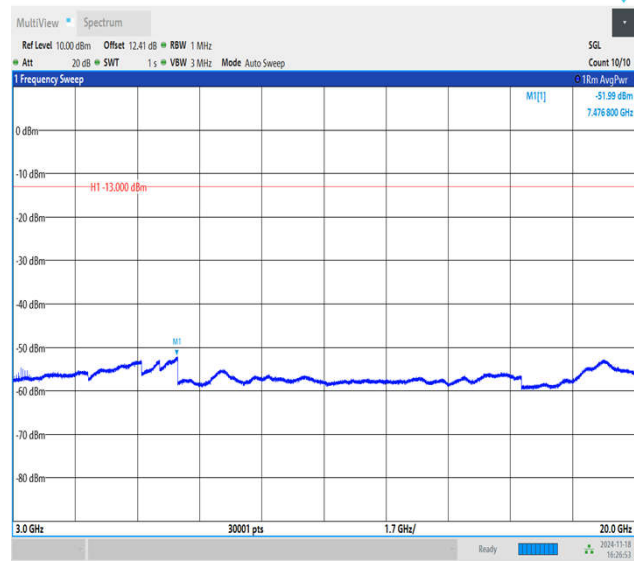
EGPRS850-128-8-1000~10000MHz-PASS



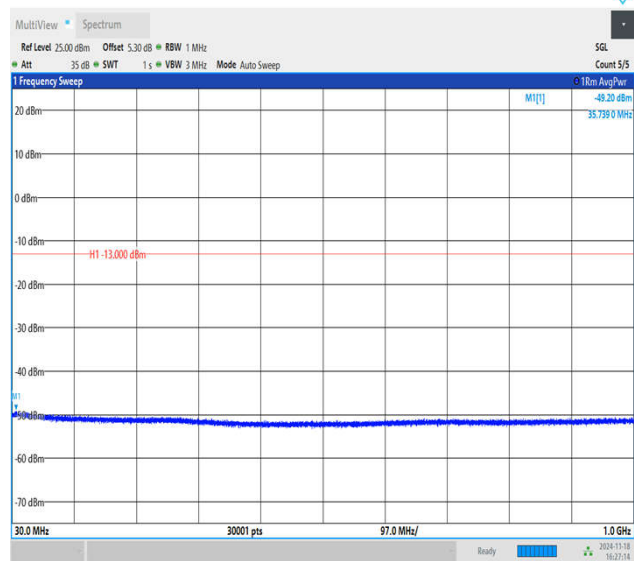




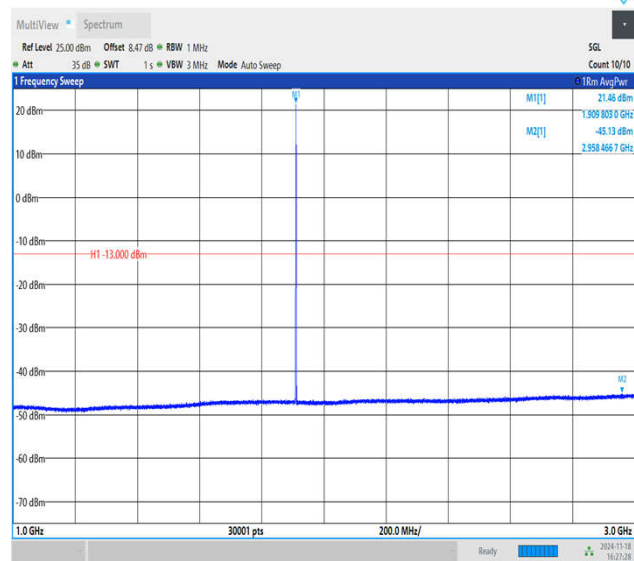
EGPRS1900-661-2-1000~3000MHz-PASS



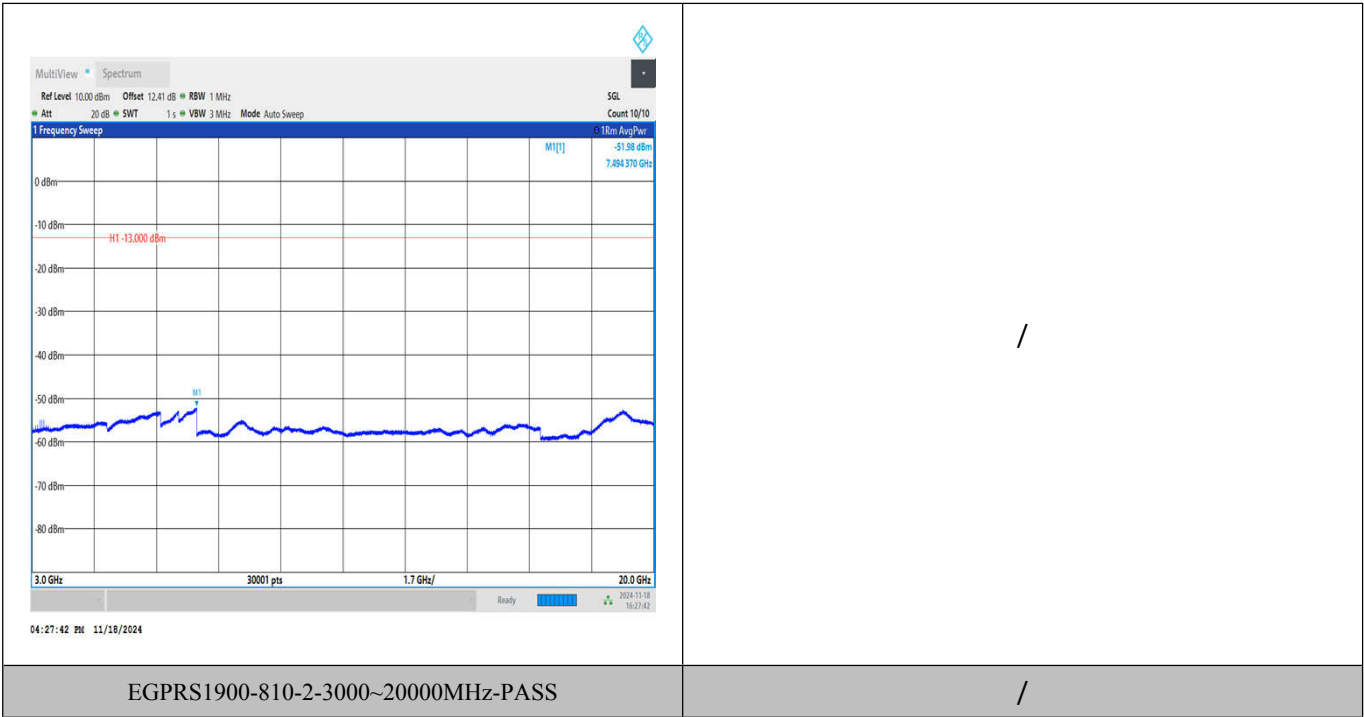
EGPRS1900-661-2-3000~20000MHz-PASS



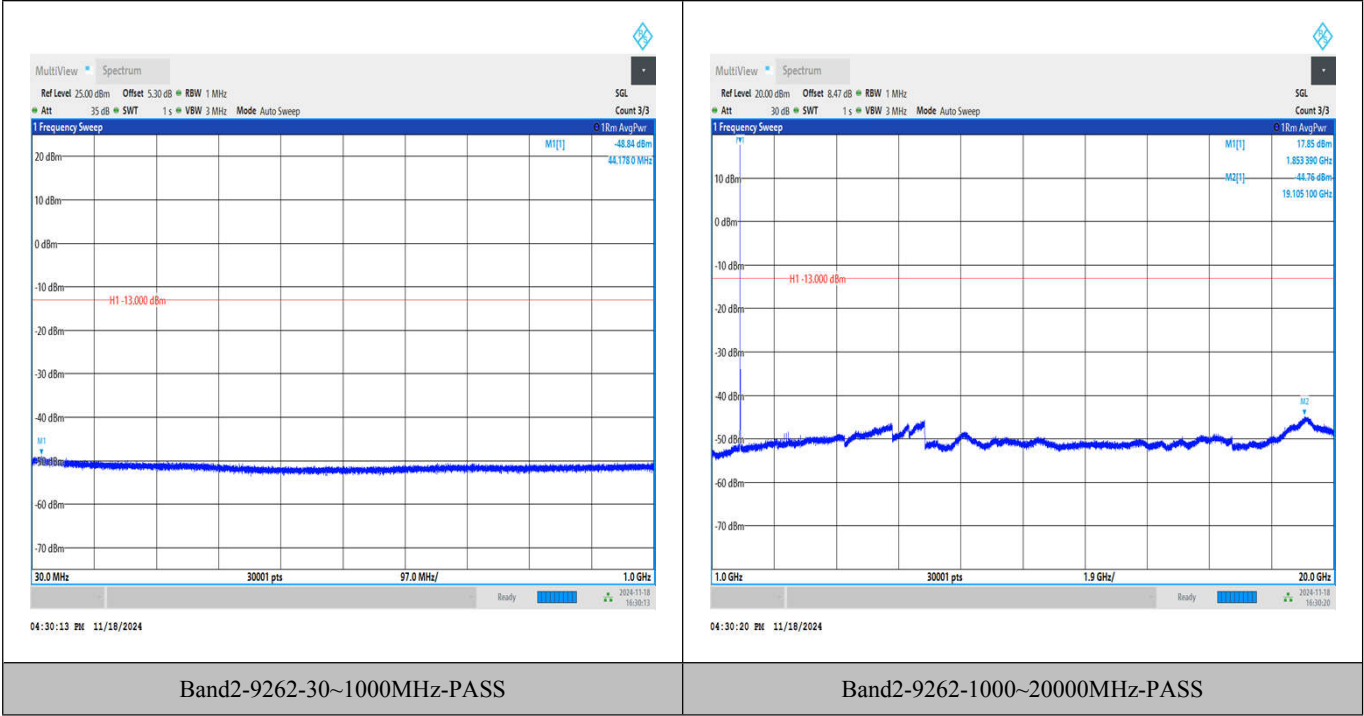
EGPRS1900-810-2-30~1000MHz-PASS

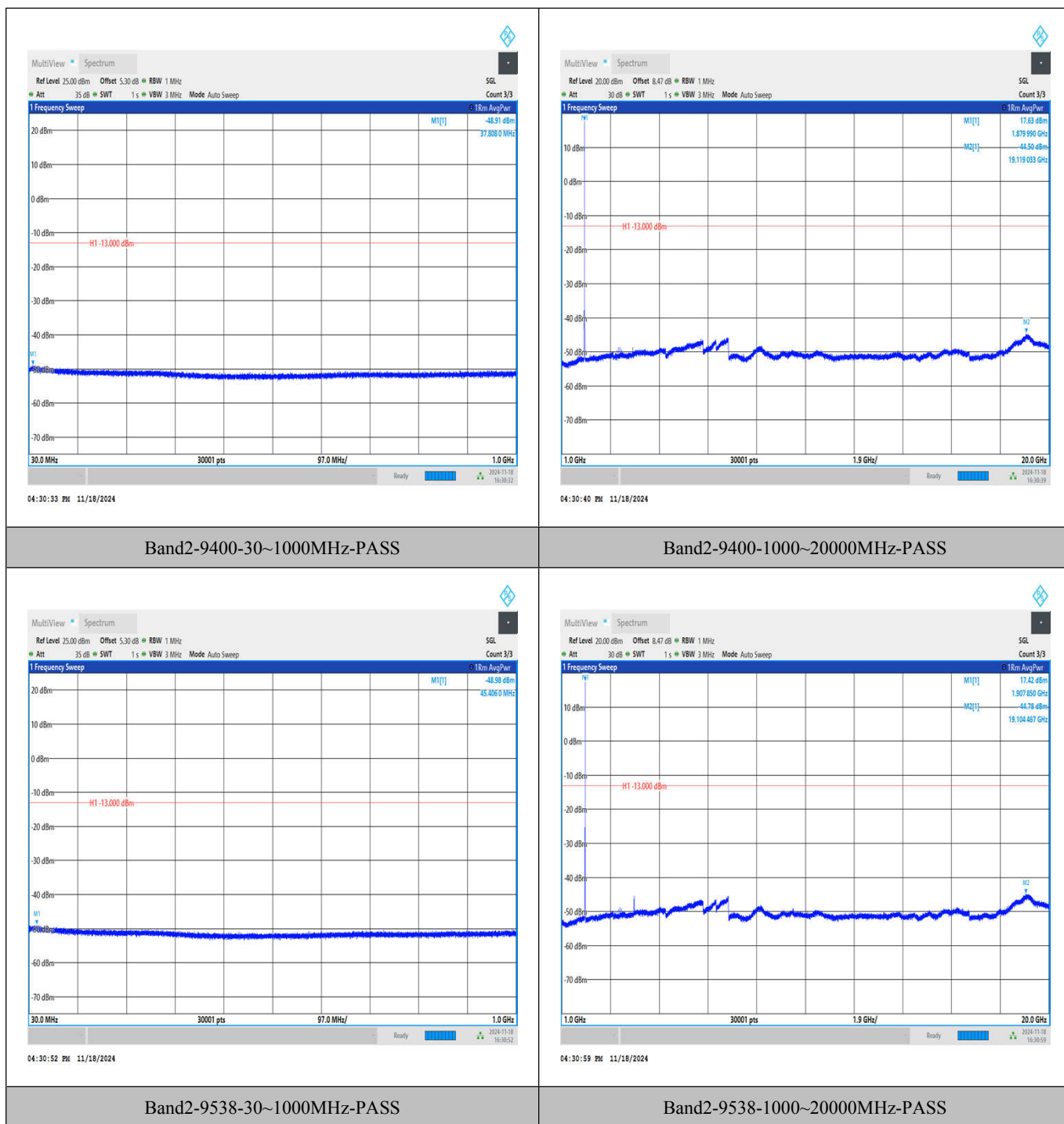


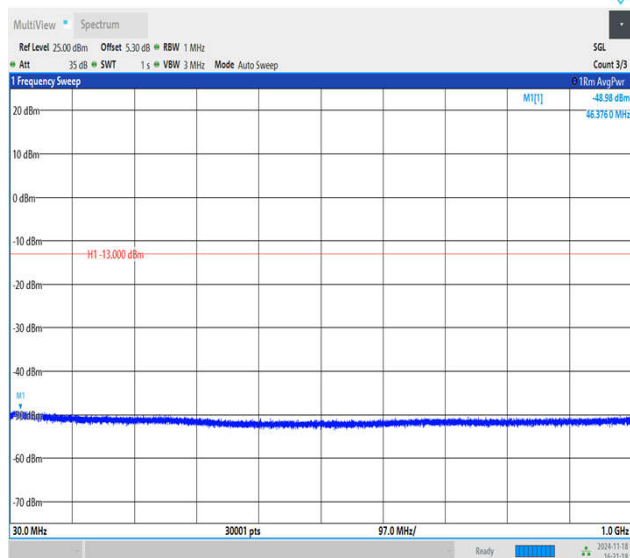
EGPRS1900-810-2-1000~3000MHz-PASS



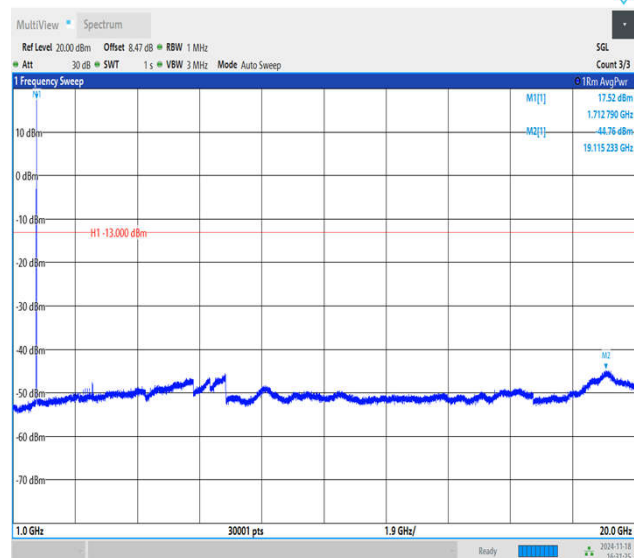
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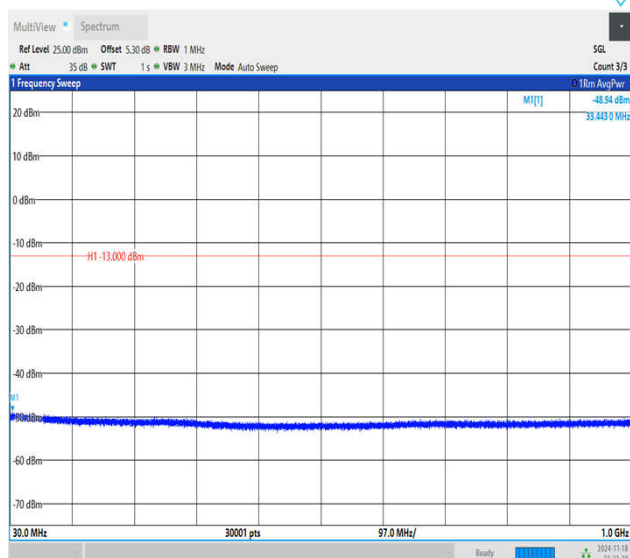




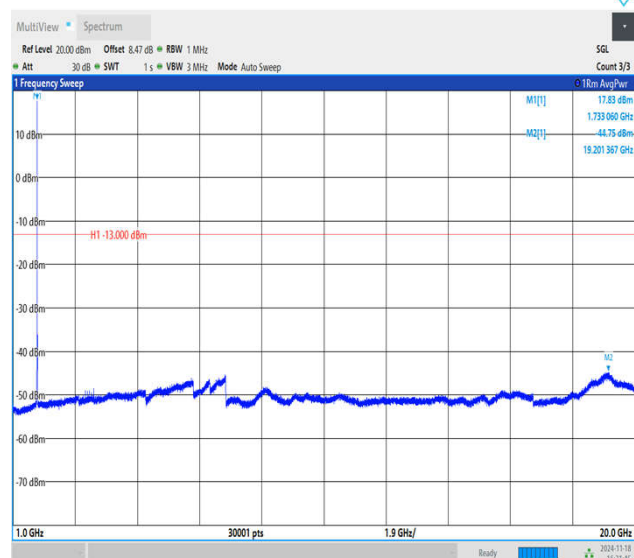
Band4-1312-30~1000MHz-PASS



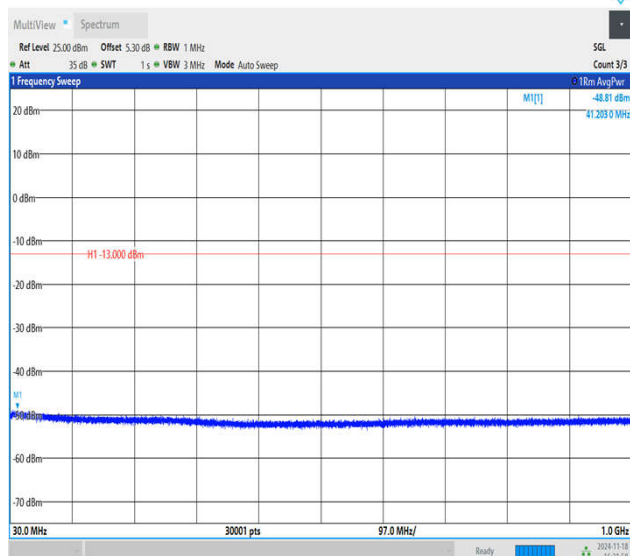
Band4-1312-1000~20000MHz-PASS



Band4-1413-30~1000MHz-PASS

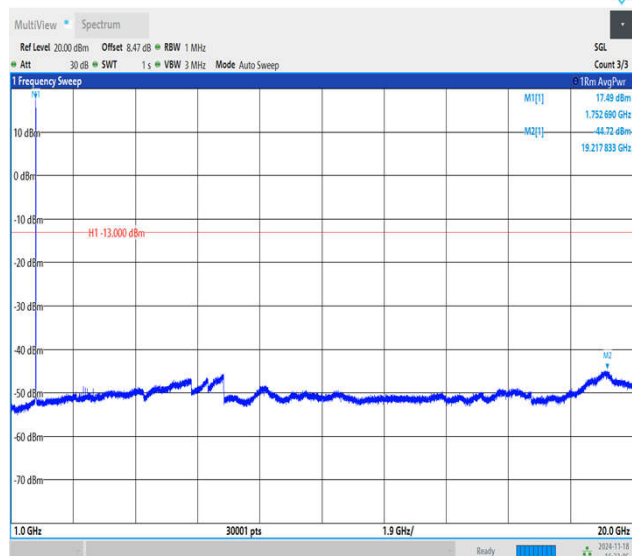


Band4-1413-1000~20000MHz-PASS



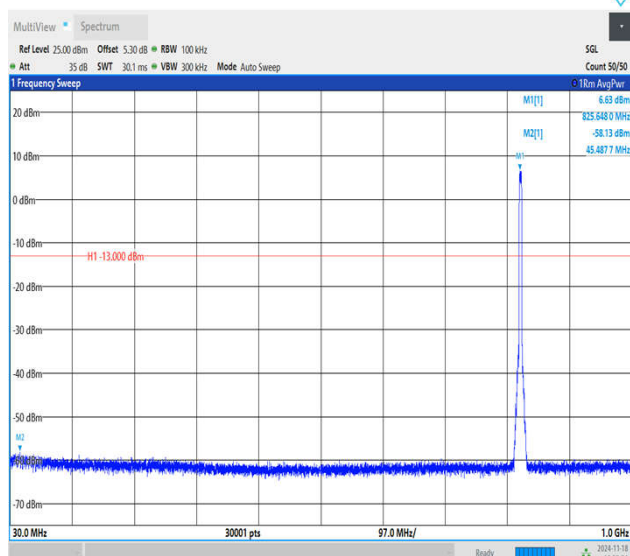
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Band4-1513-30~1000MHz-PASS



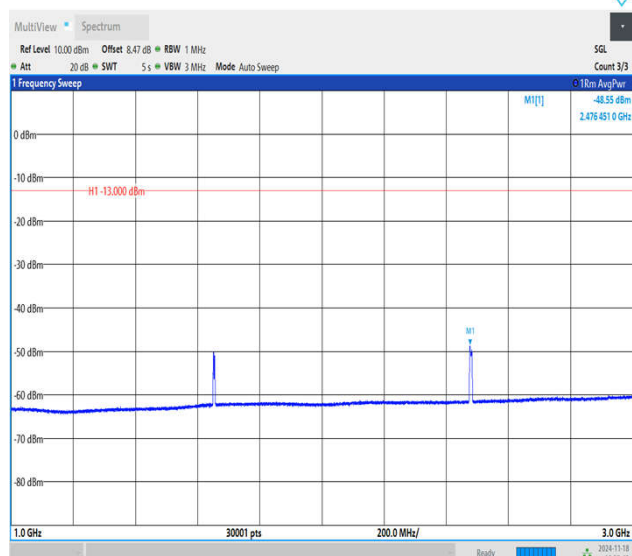
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Band4-1513-1000~20000MHz-PASS



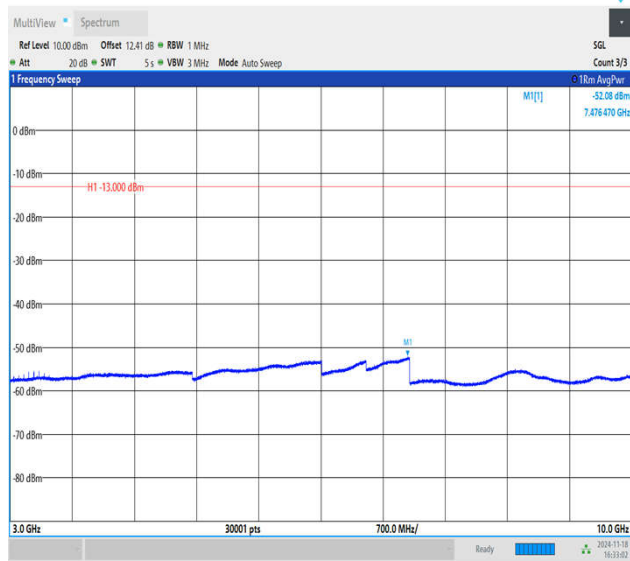
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Band5-4132-30~1000MHz-PASS

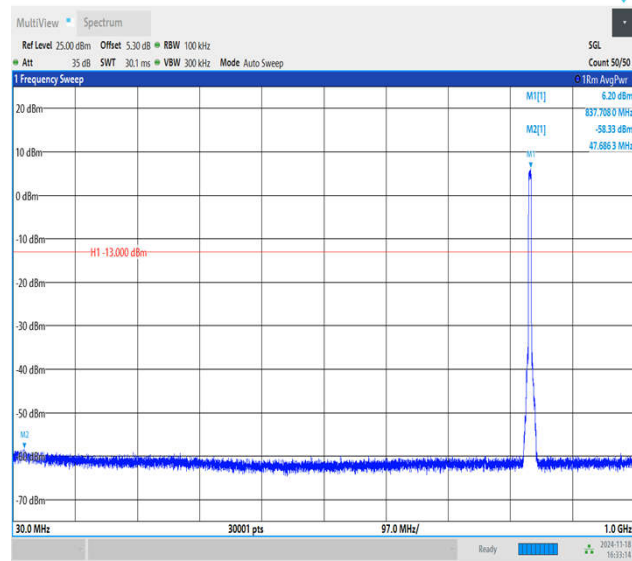


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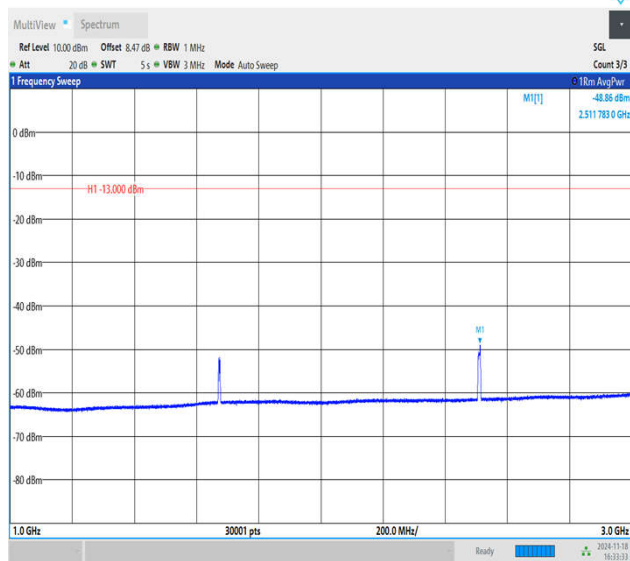
Band5-4132-1000~3000MHz-PASS



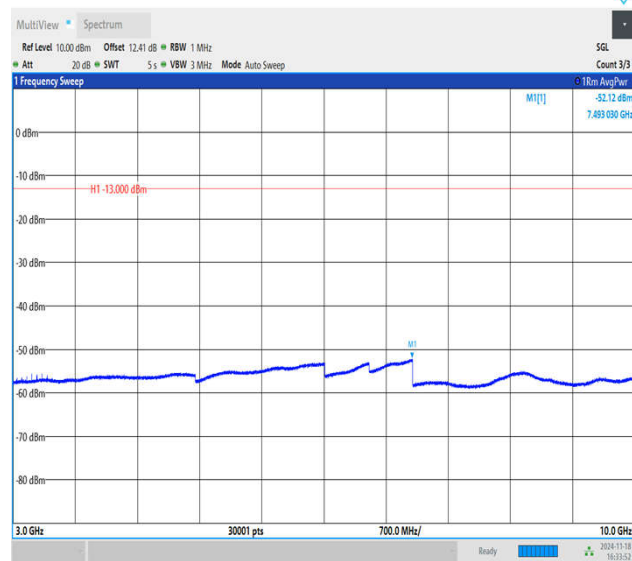
Band5-4132-3000~10000MHz-PASS



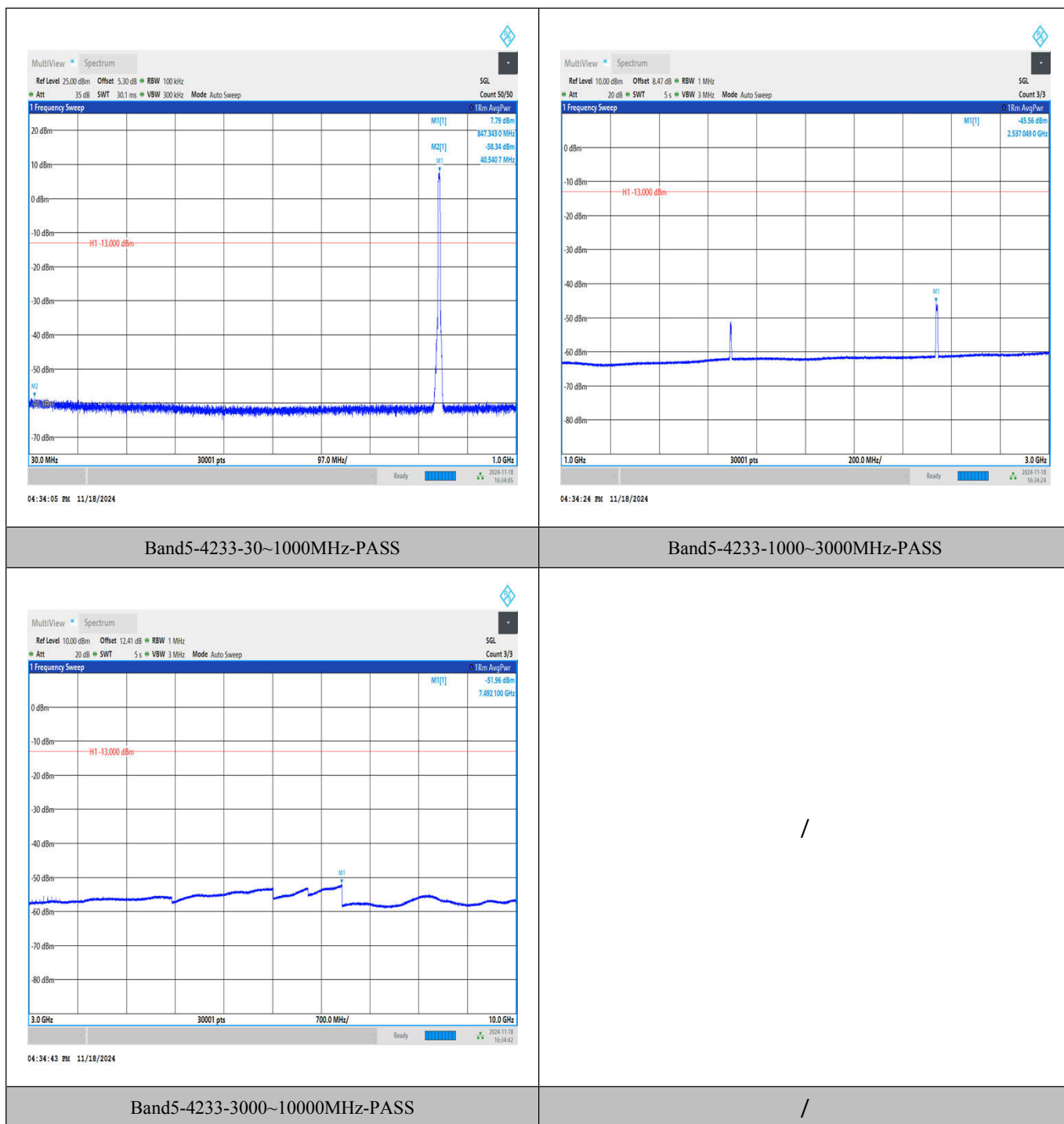
Band5-4182-30~1000MHz-PASS



Band5-4182-1000~3000MHz-PASS



Band5-4182-3000~10000MHz-PASS



1.6 Frequency Stability

1.6.1 Test Result

GSM:

Voltage							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	VL	NT	-0.23	-0.000279	±2.5	PASS
GSM850	128	VN	NT	2.94	0.003567	±2.5	PASS
GSM850	128	VH	NT	-4.68	-0.005678	±2.5	PASS
GSM850	190	VL	NT	-3.36	-0.004016	±2.5	PASS
GSM850	190	VN	NT	-8.04	-0.009610	±2.5	PASS
GSM850	190	VH	NT	-7.65	-0.009144	±2.5	PASS
GSM850	251	VL	NT	-4.23	-0.004984	±2.5	PASS
GSM850	251	VN	NT	-9.14	-0.010768	±2.5	PASS
GSM850	251	VH	NT	-11.33	-0.013348	±2.5	PASS
GPRS850	128	VL	NT	4.10	0.004975	±2.5	PASS
GPRS850	128	VN	NT	4.36	0.005290	±2.5	PASS
GPRS850	128	VH	NT	2.78	0.003373	±2.5	PASS
GPRS850	190	VL	NT	1.78	0.002128	±2.5	PASS
GPRS850	190	VN	NT	2.68	0.003203	±2.5	PASS
GPRS850	190	VH	NT	4.75	0.005678	±2.5	PASS
GPRS850	251	VL	NT	-0.48	-0.000566	±2.5	PASS
GPRS850	251	VN	NT	2.71	0.003193	±2.5	PASS
GPRS850	251	VH	NT	2.97	0.003499	±2.5	PASS
EGPRS850	128	VL	NT	10.82	0.013128	±2.5	PASS
EGPRS850	128	VN	NT	12.40	0.015045	±2.5	PASS
EGPRS850	128	VH	NT	11.69	0.014183	±2.5	PASS
EGPRS850	190	VL	NT	11.11	0.013280	±2.5	PASS
EGPRS850	190	VN	NT	11.27	0.013471	±2.5	PASS
EGPRS850	190	VH	NT	11.33	0.013543	±2.5	PASS
EGPRS850	251	VL	NT	7.46	0.008789	±2.5	PASS
EGPRS850	251	VN	NT	12.66	0.014915	±2.5	PASS
EGPRS850	251	VH	NT	8.62	0.010156	±2.5	PASS

GSM1900	512	VL	NT	-5.42	-0.002929	±2.5	PASS
GSM1900	512	VN	NT	-10.11	-0.005464	±2.5	PASS
GSM1900	512	VH	NT	-4.55	-0.002459	±2.5	PASS
GSM1900	661	VL	NT	4.94	0.002628	±2.5	PASS
GSM1900	661	VN	NT	-3.16	-0.001681	±2.5	PASS
GSM1900	661	VH	NT	-11.04	-0.005872	±2.5	PASS
GSM1900	810	VL	NT	-5.00	-0.002618	±2.5	PASS
GSM1900	810	VN	NT	-15.05	-0.007880	±2.5	PASS
GSM1900	810	VH	NT	-14.37	-0.007524	±2.5	PASS
GPRS1900	512	VL	NT	12.95	0.006999	±2.5	PASS
GPRS1900	512	VN	NT	11.01	0.005951	±2.5	PASS
GPRS1900	512	VH	NT	4.97	0.002686	±2.5	PASS
GPRS1900	661	VL	NT	4.88	0.002596	±2.5	PASS
GPRS1900	661	VN	NT	5.26	0.002798	±2.5	PASS
GPRS1900	661	VH	NT	1.42	0.000755	±2.5	PASS
GPRS1900	810	VL	NT	0.87	0.000456	±2.5	PASS
GPRS1900	810	VN	NT	-0.90	-0.000471	±2.5	PASS
GPRS1900	810	VH	NT	-1.29	-0.000675	±2.5	PASS
EGPRS1900	512	VL	NT	7.39	0.003994	±2.5	PASS
EGPRS1900	512	VN	NT	13.14	0.007102	±2.5	PASS
EGPRS1900	512	VH	NT	9.27	0.005010	±2.5	PASS
EGPRS1900	661	VL	NT	4.81	0.002559	±2.5	PASS
EGPRS1900	661	VN	NT	10.62	0.005649	±2.5	PASS
EGPRS1900	661	VH	NT	3.68	0.001957	±2.5	PASS
EGPRS1900	810	VL	NT	4.52	0.002367	±2.5	PASS
EGPRS1900	810	VN	NT	2.84	0.001487	±2.5	PASS
EGPRS1900	810	VH	NT	2.32	0.001215	±2.5	PASS

Temperature							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	NV	-30	-4.16	-0.005047	±2.5	PASS
GSM850	128	NV	-20	-6.01	-0.007292	±2.5	PASS
GSM850	128	NV	-10	-6.81	-0.008263	±2.5	PASS
GSM850	128	NV	0	-7.49	-0.009088	±2.5	PASS

GSM850	128	NV	10	-6.33	-0.007680	±2.5	PASS
GSM850	128	NV	20	-8.56	-0.010386	±2.5	PASS
GSM850	128	NV	30	-7.07	-0.008578	±2.5	PASS
GSM850	128	NV	40	-10.85	-0.013164	±2.5	PASS
GSM850	128	NV	50	-11.11	-0.013480	±2.5	PASS
GSM850	190	NV	-30	-9.04	-0.010806	±2.5	PASS
GSM850	190	NV	-20	-8.23	-0.009837	±2.5	PASS
GSM850	190	NV	-10	-7.85	-0.009383	±2.5	PASS
GSM850	190	NV	0	-9.59	-0.011463	±2.5	PASS
GSM850	190	NV	10	-6.91	-0.008260	±2.5	PASS
GSM850	190	NV	20	-9.17	-0.010961	±2.5	PASS
GSM850	190	NV	30	-12.49	-0.014929	±2.5	PASS
GSM850	190	NV	40	-8.07	-0.009646	±2.5	PASS
GSM850	190	NV	50	-9.33	-0.011152	±2.5	PASS
GSM850	251	NV	-30	-7.14	-0.008412	±2.5	PASS
GSM850	251	NV	-20	-9.20	-0.010839	±2.5	PASS
GSM850	251	NV	-10	-13.79	-0.016246	±2.5	PASS
GSM850	251	NV	0	-9.69	-0.011416	±2.5	PASS
GSM850	251	NV	10	-7.10	-0.008365	±2.5	PASS
GSM850	251	NV	20	-9.69	-0.011416	±2.5	PASS
GSM850	251	NV	30	-8.01	-0.009437	±2.5	PASS
GSM850	251	NV	40	-10.27	-0.012099	±2.5	PASS
GSM850	251	NV	50	-9.81	-0.011557	±2.5	PASS
GPRS850	128	NV	-30	3.58	0.004344	±2.5	PASS
GPRS850	128	NV	-20	1.55	0.001881	±2.5	PASS
GPRS850	128	NV	-10	3.42	0.004149	±2.5	PASS
GPRS850	128	NV	0	2.45	0.002973	±2.5	PASS
GPRS850	128	NV	10	2.81	0.003409	±2.5	PASS
GPRS850	128	NV	20	1.78	0.002160	±2.5	PASS
GPRS850	128	NV	30	1.45	0.001759	±2.5	PASS
GPRS850	128	NV	40	3.94	0.004780	±2.5	PASS
GPRS850	128	NV	50	0.42	0.000510	±2.5	PASS
GPRS850	190	NV	-30	2.62	0.003132	±2.5	PASS
GPRS850	190	NV	-20	0.16	0.000191	±2.5	PASS

GPRS850	190	NV	-10	2.10	0.002510	±2.5	PASS
GPRS850	190	NV	0	2.58	0.003084	±2.5	PASS
GPRS850	190	NV	10	4.04	0.004829	±2.5	PASS
GPRS850	190	NV	20	3.49	0.004172	±2.5	PASS
GPRS850	190	NV	30	0.97	0.001159	±2.5	PASS
GPRS850	190	NV	40	2.62	0.003132	±2.5	PASS
GPRS850	190	NV	50	-1.19	-0.001422	±2.5	PASS
GPRS850	251	NV	-30	2.81	0.003311	±2.5	PASS
GPRS850	251	NV	-20	1.16	0.001367	±2.5	PASS
GPRS850	251	NV	-10	4.23	0.004984	±2.5	PASS
GPRS850	251	NV	0	2.07	0.002439	±2.5	PASS
GPRS850	251	NV	10	2.39	0.002816	±2.5	PASS
GPRS850	251	NV	20	2.94	0.003464	±2.5	PASS
GPRS850	251	NV	30	0.61	0.000719	±2.5	PASS
GPRS850	251	NV	40	2.97	0.003499	±2.5	PASS
GPRS850	251	NV	50	2.78	0.003275	±2.5	PASS
EGPRS850	128	NV	-30	10.17	0.012339	±2.5	PASS
EGPRS850	128	NV	-20	9.17	0.011126	±2.5	PASS
EGPRS850	128	NV	-10	11.04	0.013395	±2.5	PASS
EGPRS850	128	NV	0	10.98	0.013322	±2.5	PASS
EGPRS850	128	NV	10	8.56	0.010386	±2.5	PASS
EGPRS850	128	NV	20	8.68	0.010531	±2.5	PASS
EGPRS850	128	NV	30	9.07	0.011005	±2.5	PASS
EGPRS850	128	NV	40	12.82	0.015554	±2.5	PASS
EGPRS850	128	NV	50	10.53	0.012776	±2.5	PASS
EGPRS850	190	NV	-30	10.62	0.012694	±2.5	PASS
EGPRS850	190	NV	-20	9.30	0.011116	±2.5	PASS
EGPRS850	190	NV	-10	10.88	0.013005	±2.5	PASS
EGPRS850	190	NV	0	12.72	0.015204	±2.5	PASS
EGPRS850	190	NV	10	10.07	0.012037	±2.5	PASS
EGPRS850	190	NV	20	12.40	0.014822	±2.5	PASS
EGPRS850	190	NV	30	11.91	0.014236	±2.5	PASS
EGPRS850	190	NV	40	10.20	0.012192	±2.5	PASS
EGPRS850	190	NV	50	12.37	0.014786	±2.5	PASS

EGPRS850	251	NV	-30	12.59	0.014833	±2.5	PASS
EGPRS850	251	NV	-20	10.04	0.011828	±2.5	PASS
EGPRS850	251	NV	-10	9.56	0.011263	±2.5	PASS
EGPRS850	251	NV	0	11.78	0.013878	±2.5	PASS
EGPRS850	251	NV	10	10.11	0.011911	±2.5	PASS
EGPRS850	251	NV	20	8.39	0.009885	±2.5	PASS
EGPRS850	251	NV	30	10.82	0.012747	±2.5	PASS
EGPRS850	251	NV	40	8.46	0.009967	±2.5	PASS
EGPRS850	251	NV	50	9.49	0.011180	±2.5	PASS
GSM1900	512	NV	-30	-5.94	-0.003210	±2.5	PASS
GSM1900	512	NV	-20	-5.55	-0.003000	±2.5	PASS
GSM1900	512	NV	-10	-4.88	-0.002638	±2.5	PASS
GSM1900	512	NV	0	-9.52	-0.005145	±2.5	PASS
GSM1900	512	NV	10	-4.20	-0.002270	±2.5	PASS
GSM1900	512	NV	20	-5.94	-0.003210	±2.5	PASS
GSM1900	512	NV	30	-9.40	-0.005081	±2.5	PASS
GSM1900	512	NV	40	-5.29	-0.002859	±2.5	PASS
GSM1900	512	NV	50	-5.55	-0.003000	±2.5	PASS
GSM1900	661	NV	-30	-11.14	-0.005926	±2.5	PASS
GSM1900	661	NV	-20	-13.92	-0.007404	±2.5	PASS
GSM1900	661	NV	-10	-13.01	-0.006920	±2.5	PASS
GSM1900	661	NV	0	-13.85	-0.007367	±2.5	PASS
GSM1900	661	NV	10	-9.27	-0.004931	±2.5	PASS
GSM1900	661	NV	20	-13.85	-0.007367	±2.5	PASS
GSM1900	661	NV	30	-10.33	-0.005495	±2.5	PASS
GSM1900	661	NV	40	-14.98	-0.007968	±2.5	PASS
GSM1900	661	NV	50	-13.59	-0.007229	±2.5	PASS
GSM1900	810	NV	-30	-10.33	-0.005409	±2.5	PASS
GSM1900	810	NV	-20	-18.56	-0.009718	±2.5	PASS
GSM1900	810	NV	-10	-15.56	-0.008147	±2.5	PASS
GSM1900	810	NV	0	-13.79	-0.007221	±2.5	PASS
GSM1900	810	NV	10	-14.69	-0.007692	±2.5	PASS
GSM1900	810	NV	20	-14.66	-0.007676	±2.5	PASS
GSM1900	810	NV	30	-11.72	-0.006137	±2.5	PASS

GSM1900	810	NV	40	-11.14	-0.005833	±2.5	PASS
GSM1900	810	NV	50	-12.49	-0.006540	±2.5	PASS
GPRS1900	512	NV	-30	1.39	0.000751	±2.5	PASS
GPRS1900	512	NV	-20	5.46	0.002951	±2.5	PASS
GPRS1900	512	NV	-10	8.78	0.004745	±2.5	PASS
GPRS1900	512	NV	0	9.49	0.005129	±2.5	PASS
GPRS1900	512	NV	10	6.49	0.003508	±2.5	PASS
GPRS1900	512	NV	20	6.75	0.003648	±2.5	PASS
GPRS1900	512	NV	30	4.49	0.002427	±2.5	PASS
GPRS1900	512	NV	40	6.52	0.003524	±2.5	PASS
GPRS1900	512	NV	50	7.46	0.004032	±2.5	PASS
GPRS1900	661	NV	-30	2.52	0.001340	±2.5	PASS
GPRS1900	661	NV	-20	3.71	0.001973	±2.5	PASS
GPRS1900	661	NV	-10	1.00	0.000532	±2.5	PASS
GPRS1900	661	NV	0	2.49	0.001324	±2.5	PASS
GPRS1900	661	NV	10	0.10	0.000053	±2.5	PASS
GPRS1900	661	NV	20	2.00	0.001064	±2.5	PASS
GPRS1900	661	NV	30	-4.16	-0.002213	±2.5	PASS
GPRS1900	661	NV	40	6.17	0.003282	±2.5	PASS
GPRS1900	661	NV	50	4.20	0.002234	±2.5	PASS
GPRS1900	810	NV	-30	0.06	0.000031	±2.5	PASS
GPRS1900	810	NV	-20	-1.94	-0.001016	±2.5	PASS
GPRS1900	810	NV	-10	-3.03	-0.001587	±2.5	PASS
GPRS1900	810	NV	0	-0.19	-0.000099	±2.5	PASS
GPRS1900	810	NV	10	-1.65	-0.000864	±2.5	PASS
GPRS1900	810	NV	20	2.07	0.001084	±2.5	PASS
GPRS1900	810	NV	30	0.77	0.000403	±2.5	PASS
GPRS1900	810	NV	40	1.16	0.000607	±2.5	PASS
GPRS1900	810	NV	50	-3.26	-0.001707	±2.5	PASS
EGPRS1900	512	NV	-30	5.13	0.002773	±2.5	PASS
EGPRS1900	512	NV	-20	11.27	0.006091	±2.5	PASS
EGPRS1900	512	NV	-10	11.78	0.006367	±2.5	PASS
EGPRS1900	512	NV	0	10.98	0.005934	±2.5	PASS
EGPRS1900	512	NV	10	11.53	0.006232	±2.5	PASS

EGPRS1900	512	NV	20	12.49	0.006751	±2.5	PASS
EGPRS1900	512	NV	30	12.07	0.006524	±2.5	PASS
EGPRS1900	512	NV	40	11.82	0.006388	±2.5	PASS
EGPRS1900	512	NV	50	9.20	0.004972	±2.5	PASS
EGPRS1900	661	NV	-30	7.01	0.003729	±2.5	PASS
EGPRS1900	661	NV	-20	7.46	0.003968	±2.5	PASS
EGPRS1900	661	NV	-10	6.72	0.003574	±2.5	PASS
EGPRS1900	661	NV	0	5.29	0.002814	±2.5	PASS
EGPRS1900	661	NV	10	4.75	0.002527	±2.5	PASS
EGPRS1900	661	NV	20	6.81	0.003622	±2.5	PASS
EGPRS1900	661	NV	30	5.65	0.003005	±2.5	PASS
EGPRS1900	661	NV	40	3.13	0.001665	±2.5	PASS
EGPRS1900	661	NV	50	5.97	0.003176	±2.5	PASS
EGPRS1900	810	NV	-30	1.19	0.000623	±2.5	PASS
EGPRS1900	810	NV	-20	1.39	0.000728	±2.5	PASS
EGPRS1900	810	NV	-10	3.23	0.001691	±2.5	PASS
EGPRS1900	810	NV	0	2.58	0.001351	±2.5	PASS
EGPRS1900	810	NV	10	4.13	0.002163	±2.5	PASS
EGPRS1900	810	NV	20	2.97	0.001555	±2.5	PASS
EGPRS1900	810	NV	30	-0.42	-0.000220	±2.5	PASS
EGPRS1900	810	NV	40	4.39	0.002299	±2.5	PASS
EGPRS1900	810	NV	50	3.03	0.001587	±2.5	PASS

WCDMA:

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	VL	NT	-0.16	-0.000086	±2.5	PASS
Band2	9262	VN	NT	-0.06	-0.000032	±2.5	PASS
Band2	9262	VH	NT	-0.03	-0.000016	±2.5	PASS
Band2	9400	VL	NT	-0.46	-0.000245	±2.5	PASS
Band2	9400	VN	NT	-1.17	-0.000622	±2.5	PASS
Band2	9400	VH	NT	-0.81	-0.000431	±2.5	PASS
Band2	9538	VL	NT	-2.42	-0.001269	±2.5	PASS

Band2	9538	VN	NT	-2.54	-0.001332	±2.5	PASS
Band2	9538	VH	NT	-2.55	-0.001337	±2.5	PASS
Band4	1312	VL	NT	6.20	0.003621	±2.5	PASS
Band4	1312	VN	NT	6.95	0.004059	±2.5	PASS
Band4	1312	VH	NT	6.72	0.003924	±2.5	PASS
Band4	1413	VL	NT	0.34	0.000196	±2.5	PASS
Band4	1413	VN	NT	0.01	0.000006	±2.5	PASS
Band4	1413	VH	NT	-0.04	-0.000023	±2.5	PASS
Band4	1513	VL	NT	-5.97	-0.003406	±2.5	PASS
Band4	1513	VN	NT	-6.06	-0.003458	±2.5	PASS
Band4	1513	VH	NT	-6.04	-0.003446	±2.5	PASS
Band5	4132	VL	NT	0.57	0.000690	±2.5	PASS
Band5	4132	VN	NT	0.47	0.000569	±2.5	PASS
Band5	4132	VH	NT	0.69	0.000835	±2.5	PASS
Band5	4182	VL	NT	0.15	0.000179	±2.5	PASS
Band5	4182	VN	NT	0.34	0.000407	±2.5	PASS
Band5	4182	VH	NT	0.12	0.000143	±2.5	PASS
Band5	4233	VL	NT	-0.94	-0.001110	±2.5	PASS
Band5	4233	VN	NT	-0.99	-0.001169	±2.5	PASS
Band5	4233	VH	NT	-0.92	-0.001087	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	NV	-30	0.06	0.000032	±2.5	PASS
Band2	9262	NV	-20	0.51	0.000275	±2.5	PASS
Band2	9262	NV	-10	0.89	0.000480	±2.5	PASS
Band2	9262	NV	0	0.44	0.000238	±2.5	PASS
Band2	9262	NV	10	0.79	0.000426	±2.5	PASS
Band2	9262	NV	20	0.62	0.000335	±2.5	PASS
Band2	9262	NV	30	0.80	0.000432	±2.5	PASS
Band2	9262	NV	40	0.90	0.000486	±2.5	PASS
Band2	9262	NV	50	0.86	0.000464	±2.5	PASS
Band2	9400	NV	-30	-0.84	-0.000447	±2.5	PASS
Band2	9400	NV	-20	-1.17	-0.000622	±2.5	PASS

Band2	9400	NV	-10	-1.04	-0.000553	±2.5	PASS
Band2	9400	NV	0	-0.84	-0.000447	±2.5	PASS
Band2	9400	NV	10	-0.69	-0.000367	±2.5	PASS
Band2	9400	NV	20	-0.98	-0.000521	±2.5	PASS
Band2	9400	NV	30	-0.49	-0.000261	±2.5	PASS
Band2	9400	NV	40	-0.51	-0.000271	±2.5	PASS
Band2	9400	NV	50	-0.75	-0.000399	±2.5	PASS
Band2	9538	NV	-30	-2.62	-0.001373	±2.5	PASS
Band2	9538	NV	-20	-2.50	-0.001311	±2.5	PASS
Band2	9538	NV	-10	-2.59	-0.001358	±2.5	PASS
Band2	9538	NV	0	-2.27	-0.001190	±2.5	PASS
Band2	9538	NV	10	-2.28	-0.001195	±2.5	PASS
Band2	9538	NV	20	-2.50	-0.001311	±2.5	PASS
Band2	9538	NV	30	-2.67	-0.001400	±2.5	PASS
Band2	9538	NV	40	-2.62	-0.001373	±2.5	PASS
Band2	9538	NV	50	-2.78	-0.001457	±2.5	PASS
Band4	1312	NV	-30	6.63	0.003872	±2.5	PASS
Band4	1312	NV	-20	6.73	0.003930	±2.5	PASS
Band4	1312	NV	-10	6.80	0.003971	±2.5	PASS
Band4	1312	NV	0	6.69	0.003907	±2.5	PASS
Band4	1312	NV	10	7.04	0.004111	±2.5	PASS
Band4	1312	NV	20	7.05	0.004117	±2.5	PASS
Band4	1312	NV	30	7.14	0.004170	±2.5	PASS
Band4	1312	NV	40	7.24	0.004228	±2.5	PASS
Band4	1312	NV	50	7.31	0.004269	±2.5	PASS
Band4	1413	NV	-30	0.24	0.000139	±2.5	PASS
Band4	1413	NV	-20	0.03	0.000017	±2.5	PASS
Band4	1413	NV	-10	-0.19	-0.000110	±2.5	PASS
Band4	1413	NV	0	-0.21	-0.000121	±2.5	PASS
Band4	1413	NV	10	-0.18	-0.000104	±2.5	PASS
Band4	1413	NV	20	0.09	0.000052	±2.5	PASS
Band4	1413	NV	30	0.47	0.000271	±2.5	PASS
Band4	1413	NV	40	0.04	0.000023	±2.5	PASS
Band4	1413	NV	50	0.12	0.000069	±2.5	PASS

Band4	1513	NV	-30	-6.33	-0.003612	±2.5	PASS
Band4	1513	NV	-20	-6.18	-0.003526	±2.5	PASS
Band4	1513	NV	-10	-6.17	-0.003520	±2.5	PASS
Band4	1513	NV	0	-6.22	-0.003549	±2.5	PASS
Band4	1513	NV	10	-6.27	-0.003578	±2.5	PASS
Band4	1513	NV	20	-6.22	-0.003549	±2.5	PASS
Band4	1513	NV	30	-6.46	-0.003686	±2.5	PASS
Band4	1513	NV	40	-6.48	-0.003697	±2.5	PASS
Band4	1513	NV	50	-6.48	-0.003697	±2.5	PASS
Band5	4132	NV	-30	0.97	0.001174	±2.5	PASS
Band5	4132	NV	-20	0.90	0.001089	±2.5	PASS
Band5	4132	NV	-10	0.76	0.000920	±2.5	PASS
Band5	4132	NV	0	0.82	0.000992	±2.5	PASS
Band5	4132	NV	10	0.86	0.001041	±2.5	PASS
Band5	4132	NV	20	0.90	0.001089	±2.5	PASS
Band5	4132	NV	30	0.88	0.001065	±2.5	PASS
Band5	4132	NV	40	0.86	0.001041	±2.5	PASS
Band5	4132	NV	50	0.94	0.001137	±2.5	PASS
Band5	4182	NV	-30	0.23	0.000275	±2.5	PASS
Band5	4182	NV	-20	0.14	0.000167	±2.5	PASS
Band5	4182	NV	-10	0.14	0.000167	±2.5	PASS
Band5	4182	NV	0	0.18	0.000215	±2.5	PASS
Band5	4182	NV	10	0.17	0.000203	±2.5	PASS
Band5	4182	NV	20	0.21	0.000251	±2.5	PASS
Band5	4182	NV	30	0.11	0.000132	±2.5	PASS
Band5	4182	NV	40	0.14	0.000167	±2.5	PASS
Band5	4182	NV	50	0.15	0.000179	±2.5	PASS
Band5	4233	NV	-30	-0.94	-0.001110	±2.5	PASS
Band5	4233	NV	-20	-0.97	-0.001146	±2.5	PASS
Band5	4233	NV	-10	-0.80	-0.000945	±2.5	PASS
Band5	4233	NV	0	-0.71	-0.000839	±2.5	PASS
Band5	4233	NV	10	-0.91	-0.001075	±2.5	PASS
Band5	4233	NV	20	-0.78	-0.000921	±2.5	PASS
Band5	4233	NV	30	-0.89	-0.001051	±2.5	PASS

Band5	4233	NV	40	-0.80	-0.000945	±2.5	PASS
Band5	4233	NV	50	-1.02	-0.001205	±2.5	PASS