
AppendixB:Peak-to-Average Ratio

Test Result

Rel99:

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9400	3.86	13	PASS
Band4	1413	3.88	13	PASS
Band5	4182	3.12	13	PASS

HSDPA:

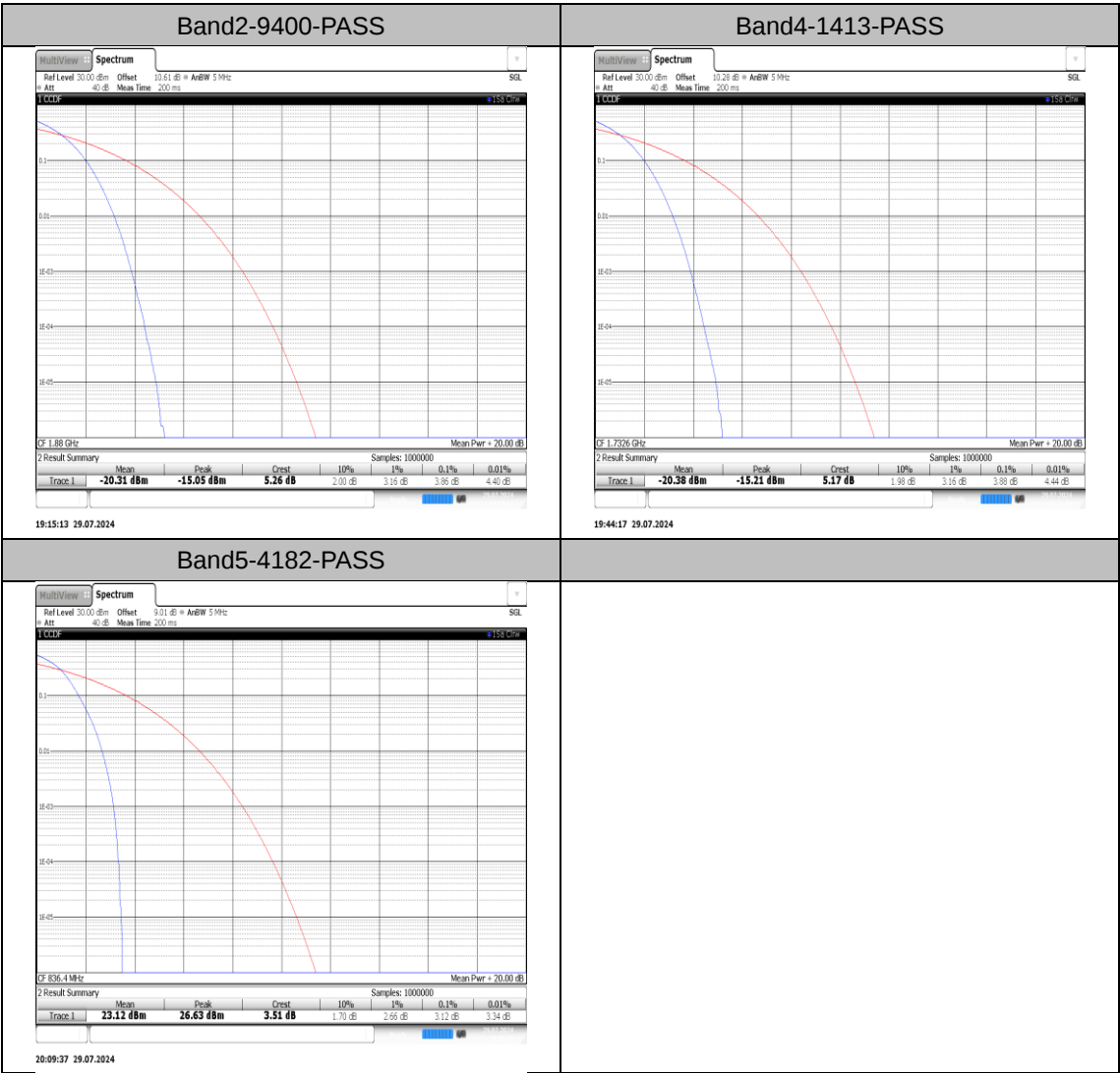
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9400	4	3.98	13	PASS
Band4	1413	4	3.94	13	PASS
Band5	4182	4	3.98	13	PASS

HSUPA:

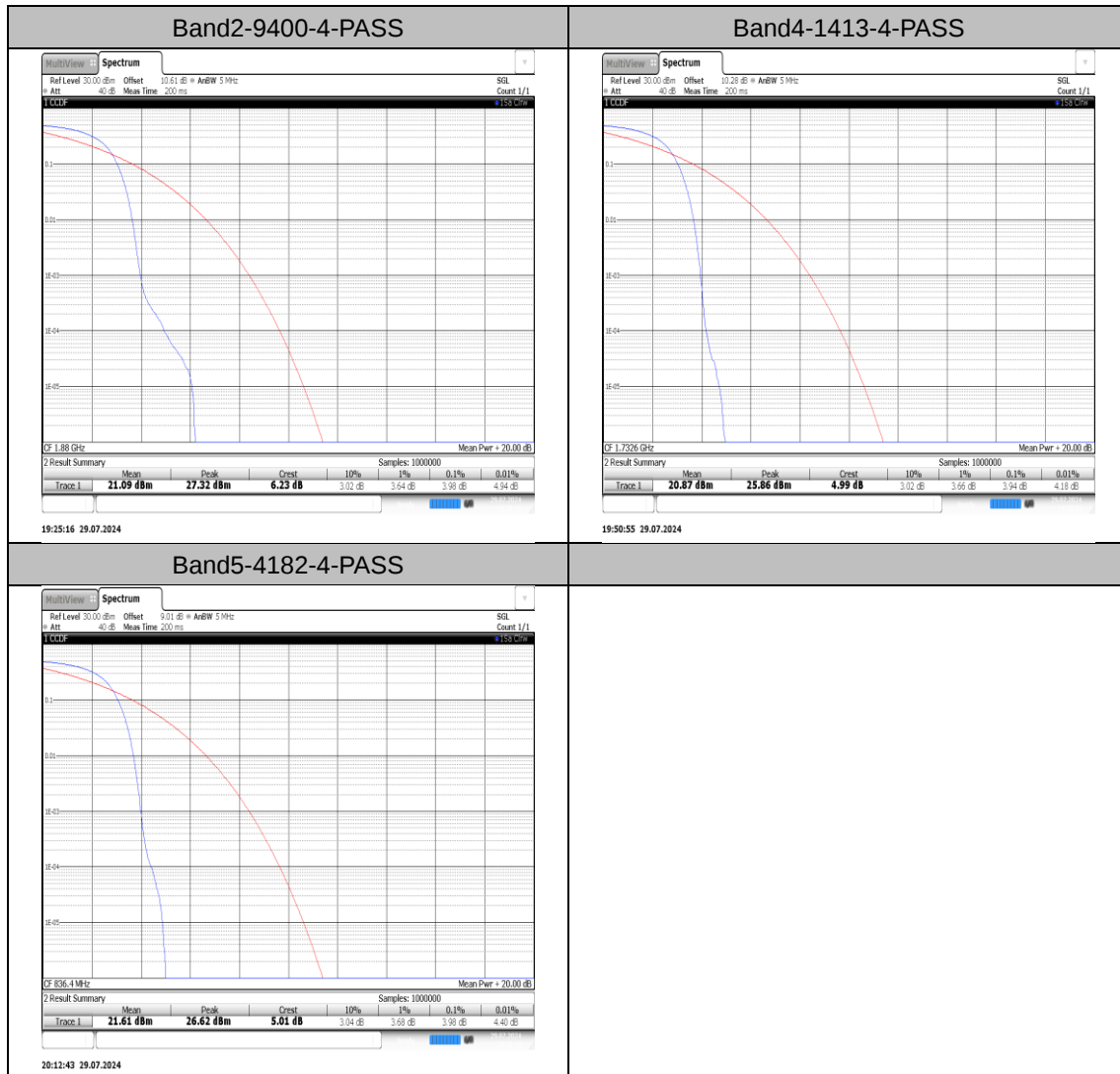
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9400	5	3.68	13	PASS
Band4	1413	5	3.62	13	PASS
Band5	4182	5	3.64	13	PASS

Test Graphs

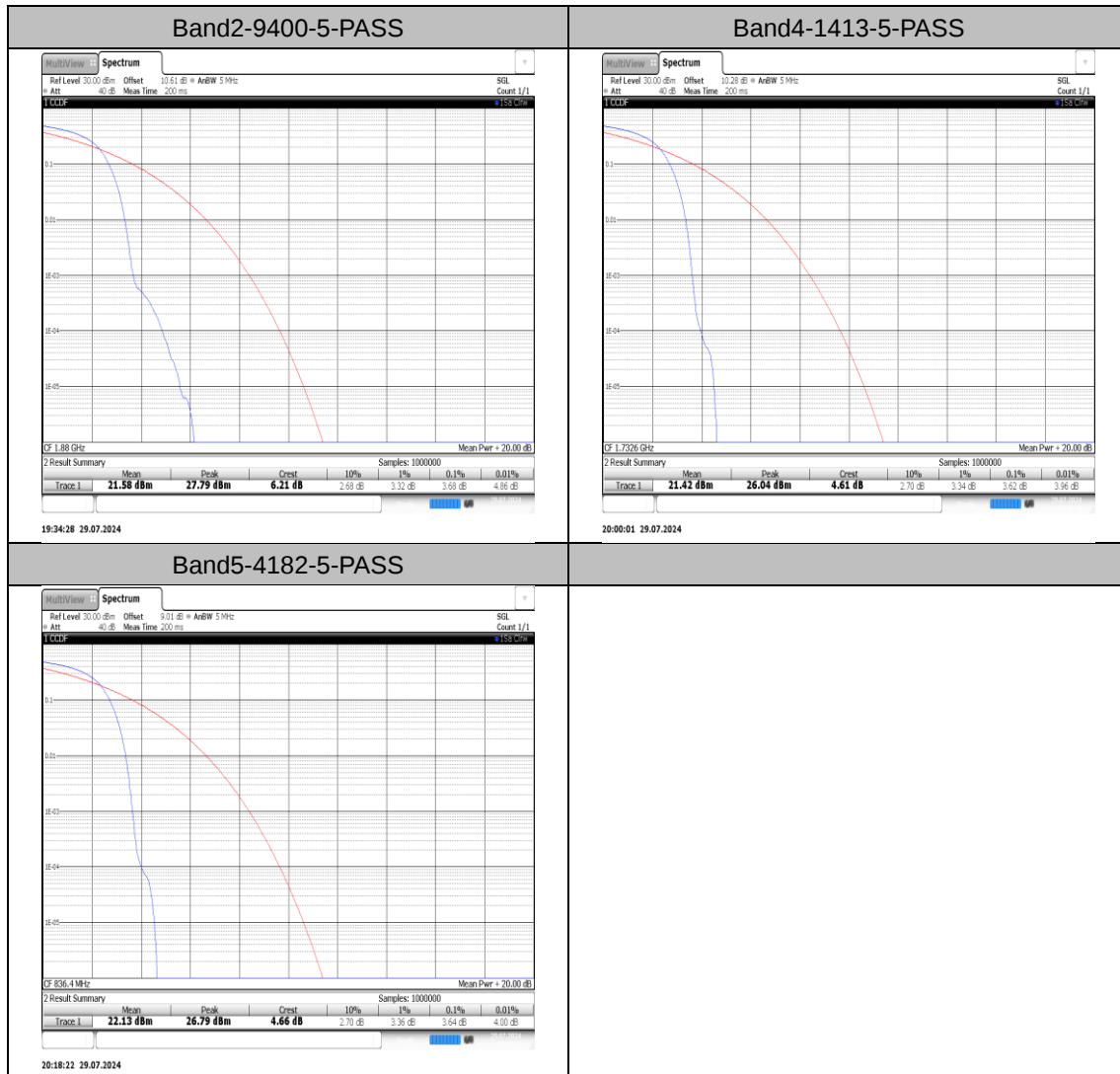
Rel99:



HSDPA:



HSUPA:



Band5-4182-5-PASS

CF 836.4 MHz
2 Result Summary

Trace 1	Mean	Peak	Crest	10%	1%	0.1%	0.01%
	22.13 dBm	26.79 dBm	4.66 dB	2.70 dB	3.36 dB	3.64 dB	4.00 dB

20:18:22 29.07.2024

AppendixC:26dB Bandwidth andOccupied Bandwidth

Test Result

Rel99:

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9400	4.164	4.72	---	PASS
Band4	1413	4.175	4.71	---	PASS
Band5	4182	4.165	4.71	---	PASS

HSDPA:

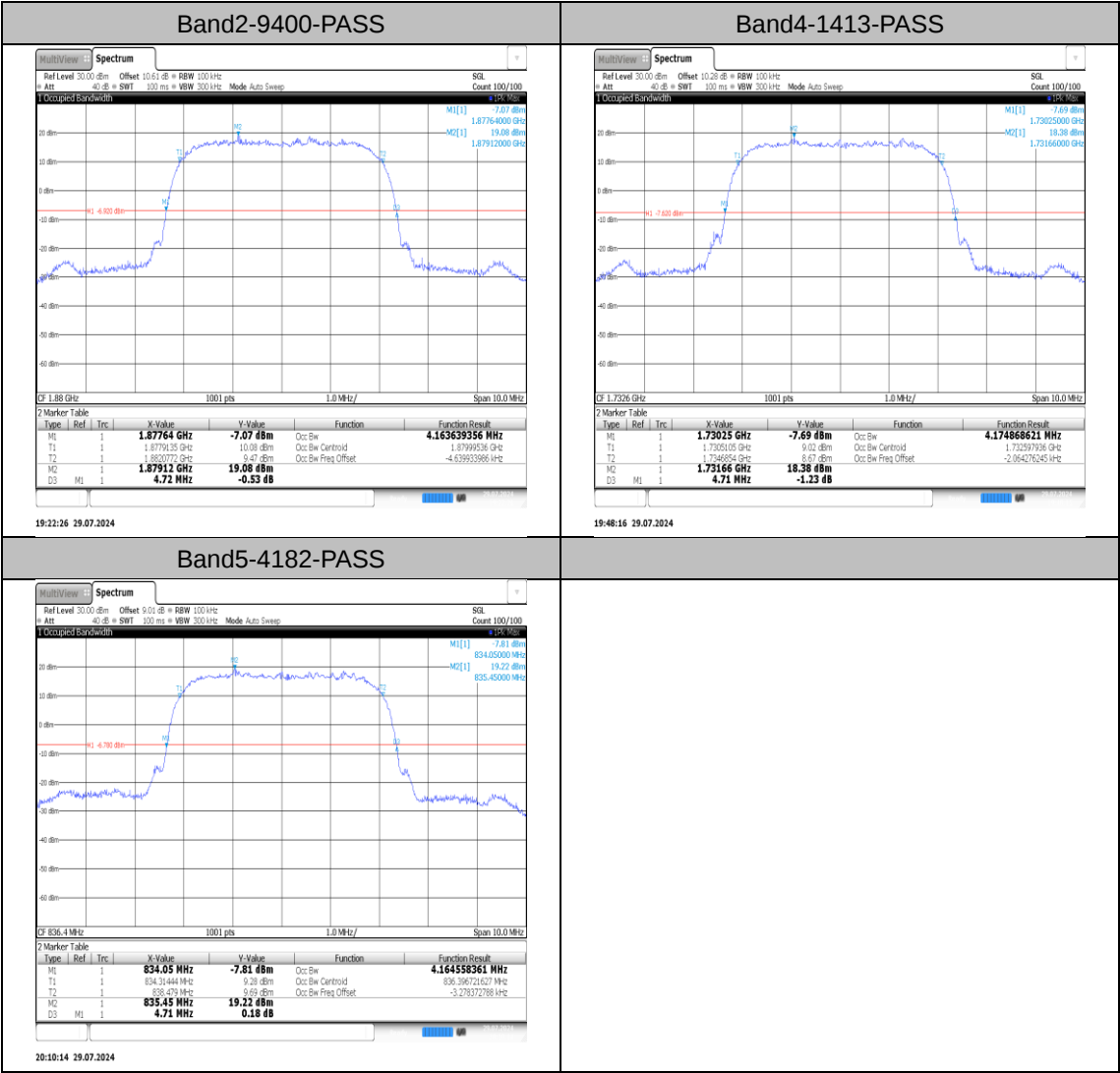
Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9400	4	4.169	4.71	---	PASS
Band4	1413	4	4.171	4.73	---	PASS
Band5	4182	4	4.169	4.73	---	PASS

HSUPA:

Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9400	5	4.17	4.73	---	PASS
Band4	1413	5	4.184	4.85	---	PASS
Band5	4182	5	4.168	4.72	---	PASS

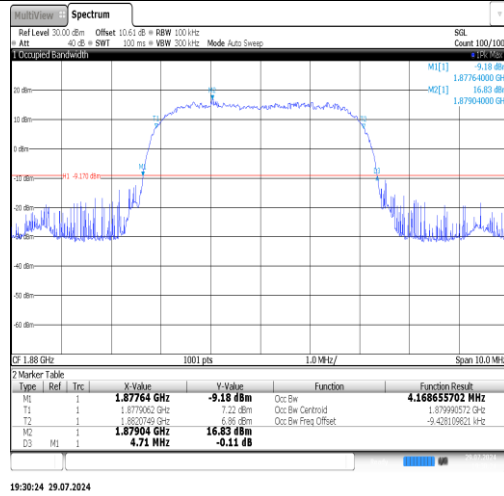
Test Graphs

Rel99:

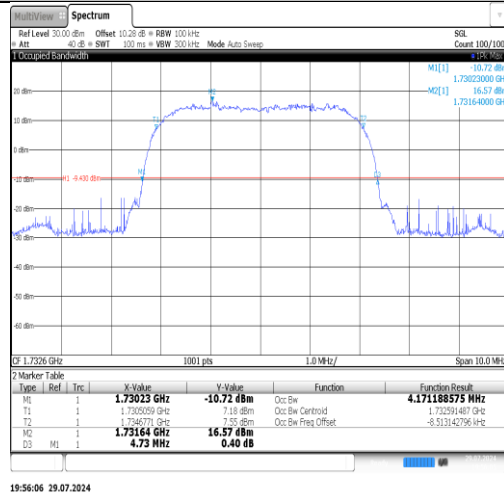


HSDPA:

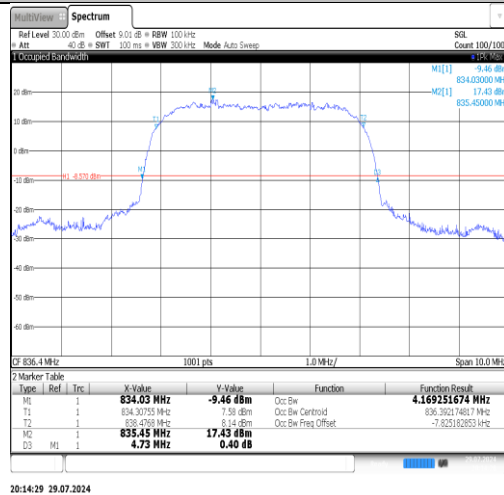
Band2-9400-4-PASS



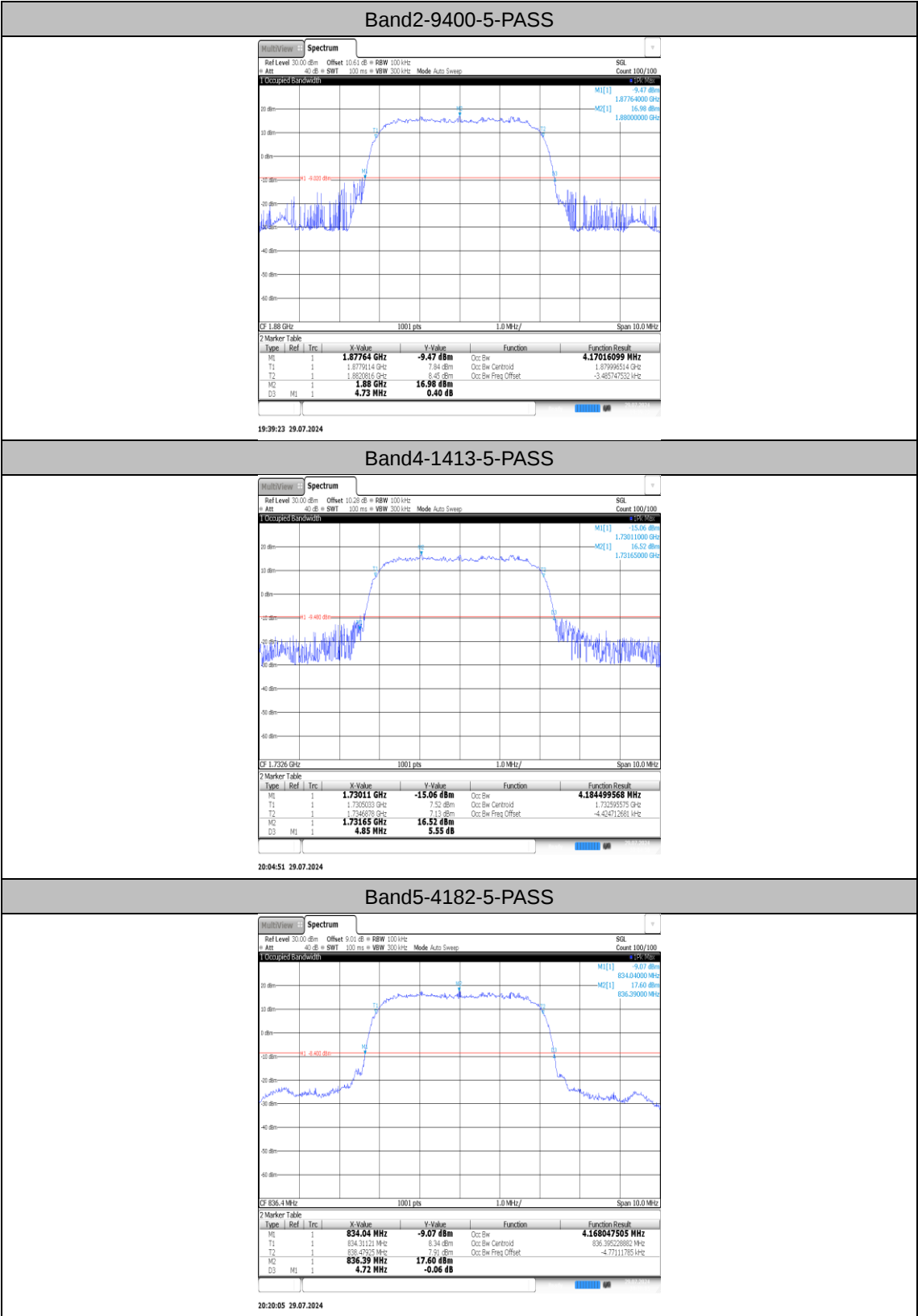
Band4-1413-4-PASS



Band5-4182-4-PASS



HSUPA:



AppendixD:Band Edge

Test Result

Rel99:

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1849.87	-29.07	-13	PASS
Band2	9538	1910.11	-27.09	-13	PASS
Band4	1312	1709.86	-27.44	-13	PASS
Band4	1513	1755.11	-28.12	-13	PASS
Band5	4132	823.87	-26.92	-13	PASS
Band5	4233	849.11	-28.18	-13	PASS

HSDPA:

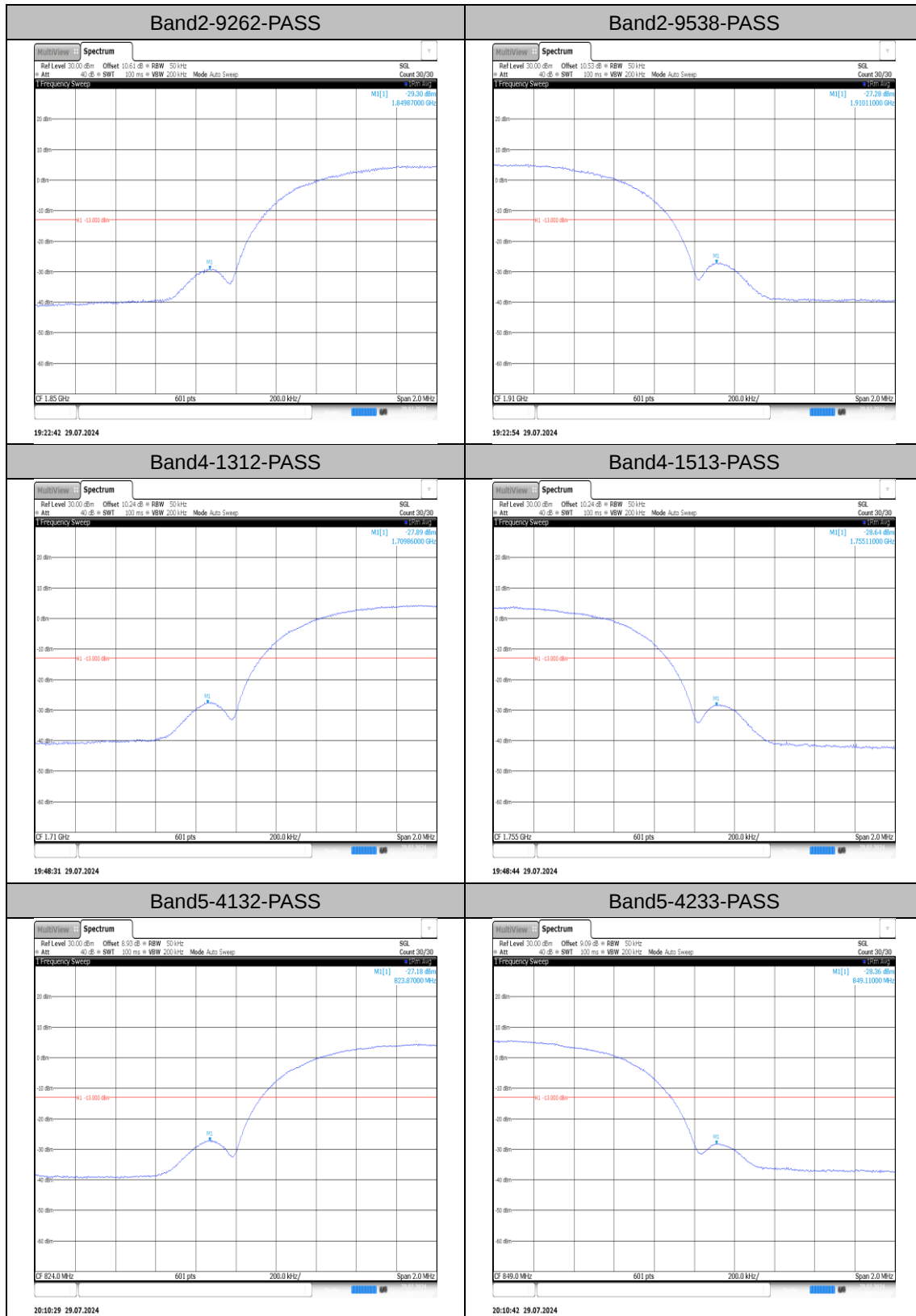
Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	4	1849.86	-30.77	-13	PASS
Band2	9538	4	1910.00	-30.32	-13	PASS
Band4	1312	4	1710.00	-31.47	-13	PASS
Band4	1513	4	1755.00	-32.34	-13	PASS
Band5	4132	4	824.00	-29.38	-13	PASS
Band5	4233	4	849.13	-28.77	-13	PASS

HSUPA:

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	5	1849.88	-30.05	-13	PASS
Band2	9538	5	1910.13	-29.29	-13	PASS
Band4	1312	5	1709.86	-30.02	-13	PASS
Band4	1513	5	1755.12	-30.95	-13	PASS
Band5	4132	5	823.86	-28.69	-13	PASS
Band5	4233	5	849.11	-28.14	-13	PASS

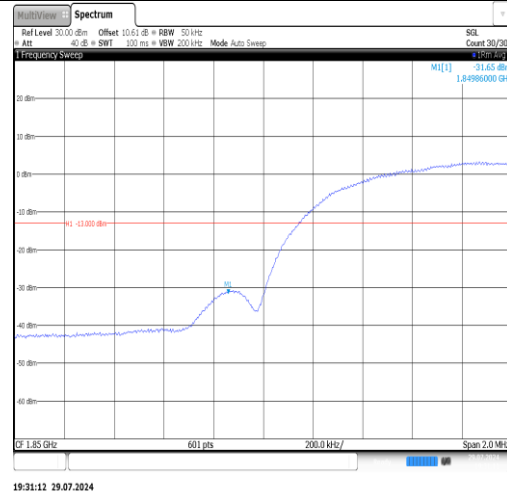
Test Graphs

Rel99:

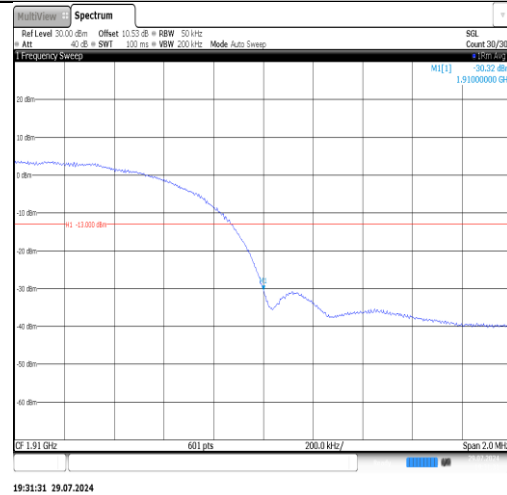


HSDPA:

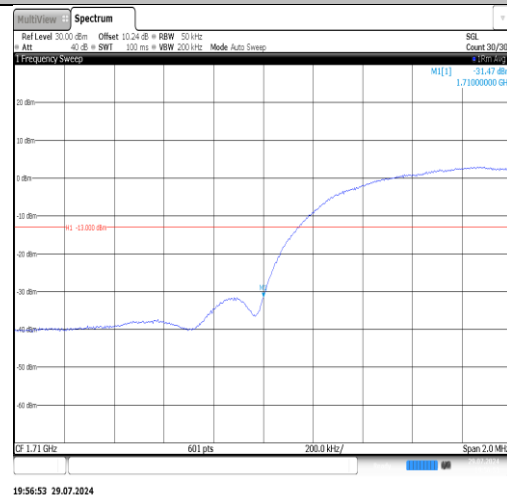
Band2-9262-4-PASS



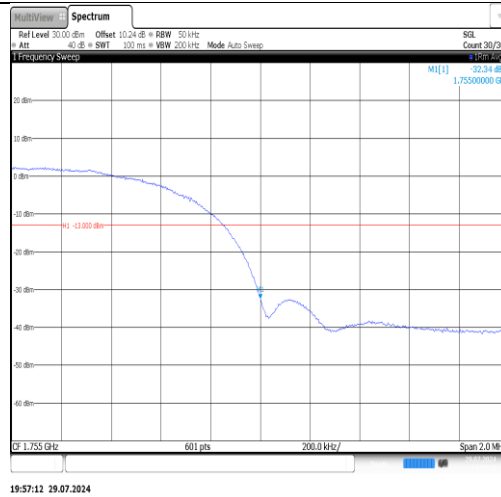
Band2-9538-4-PASS



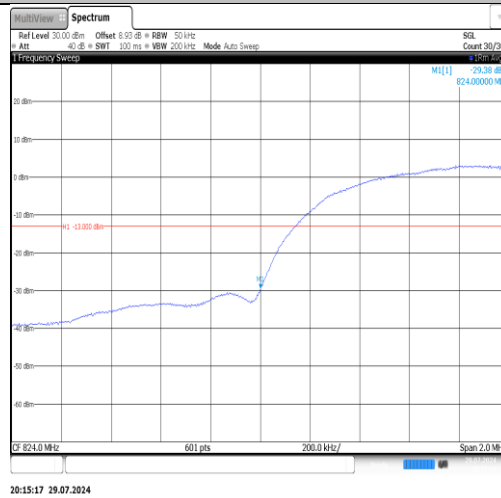
Band4-1312-4-PASS



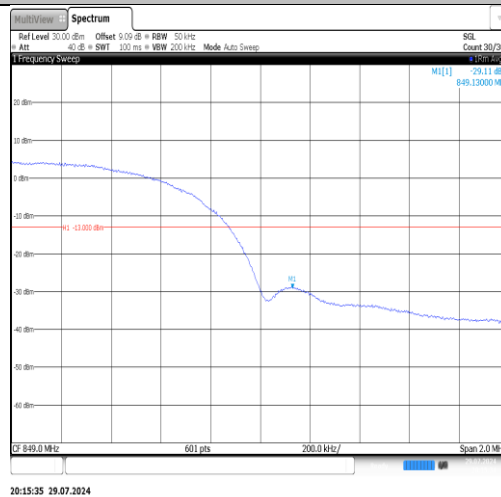
Band4-1513-4-PASS



Band5-4132-4-PASS

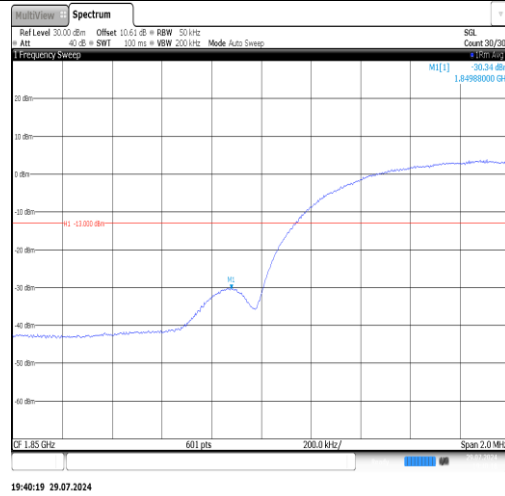


Band5-4233-4-PASS

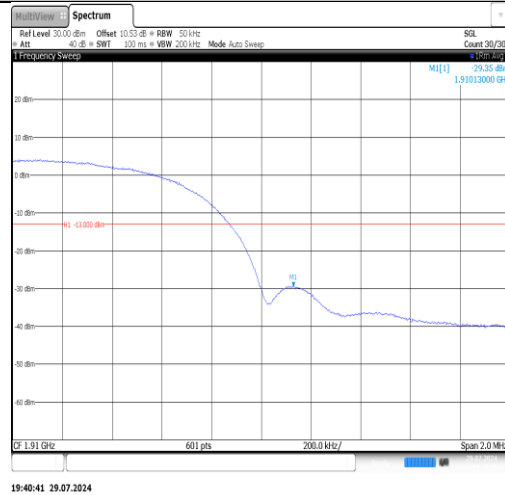


HSUPA:

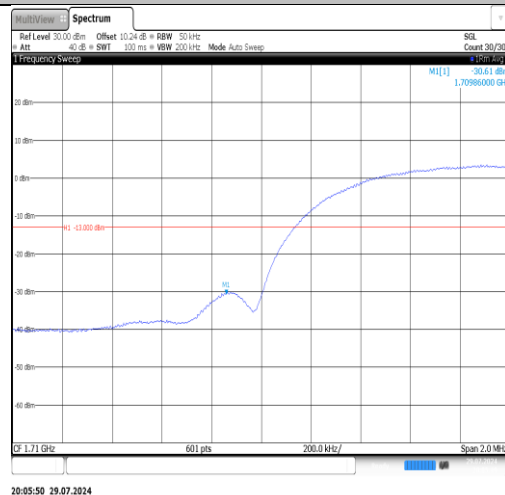
Band2-9262-5-PASS



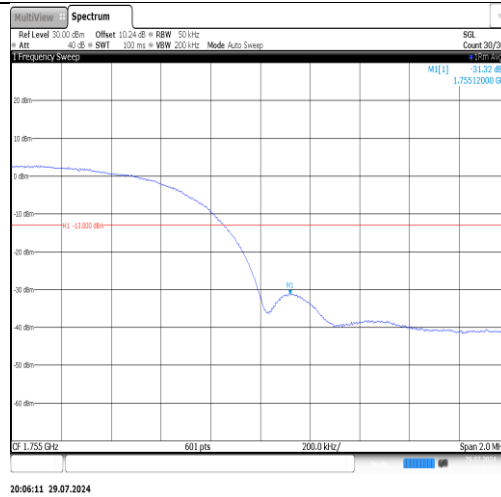
Band2-9538-5-PASS



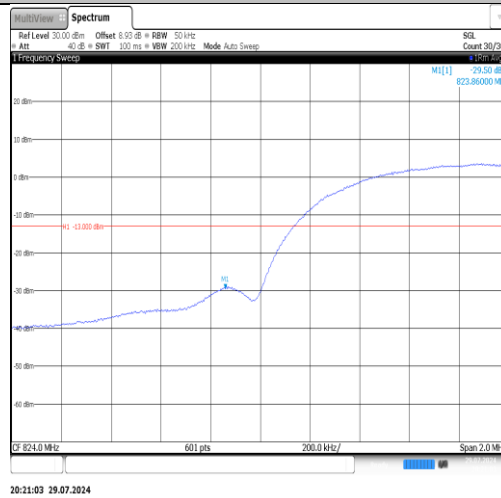
Band4-1312-5-PASS



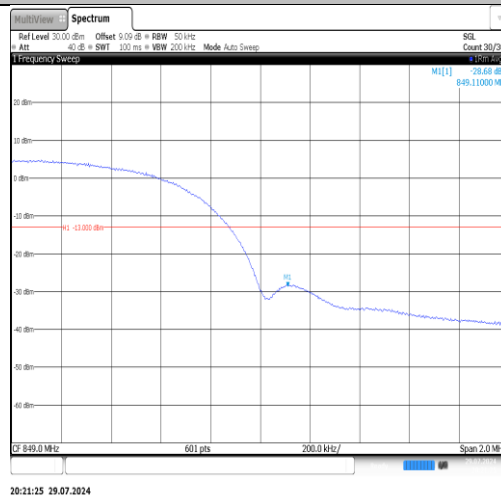
Band4-1513-5-PASS



Band5-4132-5-PASS



Band5-4233-5-PASS



AppendixE:Conducted SpuriousEmission

Test Result

Rel99:

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	30~1000MHz	554.75	-51.68	-13	PASS
Band2	9262	1000~20000MHz	7028.7	-42.54	-13	PASS
Band2	9400	30~1000MHz	555.23	-51.87	-13	PASS
Band2	9400	1000~20000MHz	6963.15	-42.73	-13	PASS
Band2	9538	30~1000MHz	553.78	-51.89	-13	PASS
Band2	9538	1000~20000MHz	7031.55	-42.73	-13	PASS
Band4	1312	30~1000MHz	554.75	-51.84	-13	PASS
Band4	1312	1000~20000MHz	7103.28	-42.52	-13	PASS
Band4	1413	30~1000MHz	556.2	-51.65	-13	PASS
Band4	1413	1000~20000MHz	7002.58	-42.13	-13	PASS
Band4	1513	30~1000MHz	556.2	-51.93	-13	PASS
Band4	1513	1000~20000MHz	7923.13	-42.34	-13	PASS
Band5	4132	30~1000MHz	551.86	-60.6	-13	PASS
Band5	4132	1000~10000MHz	7006.52	-43.25	-13	PASS
Band5	4182	30~1000MHz	562.05	-60.63	-13	PASS
Band5	4182	1000~10000MHz	7971.28	-42.95	-13	PASS
Band5	4233	30~1000MHz	551.38	-60.38	-13	PASS
Band5	4233	1000~10000MHz	7942.48	-42.94	-13	PASS

HSDPA:

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	4	30~1000MHz	554.75	-51.77	-13	PASS
Band2	9262	4	1000~20000MHz	7944.5	-42.42	-13	PASS
Band2	9400	4	30~1000MHz	553.3	-51.84	-13	PASS
Band2	9400	4	1000~20000MHz	7925.5	-42.76	-13	PASS
Band2	9538	4	30~1000MHz	553.3	-51.86	-13	PASS
Band2	9538	4	1000~20000MHz	7099.48	-42.61	-13	PASS
Band4	1312	4	30~1000MHz	552.33	-51.77	-13	PASS
Band4	1312	4	1000~20000MHz	7969.68	-42.47	-13	PASS
Band4	1413	4	30~1000MHz	554.27	-51.82	-13	PASS
Band4	1413	4	1000~20000MHz	7107.55	-42.58	-13	PASS
Band4	1513	4	30~1000MHz	554.27	-51.69	-13	PASS
Band4	1513	4	1000~20000MHz	7925.5	-42.41	-13	PASS
Band5	4132	4	30~1000MHz	552.83	-60.6	-13	PASS
Band5	4132	4	1000~10000MHz	7114.07	-42.91	-13	PASS

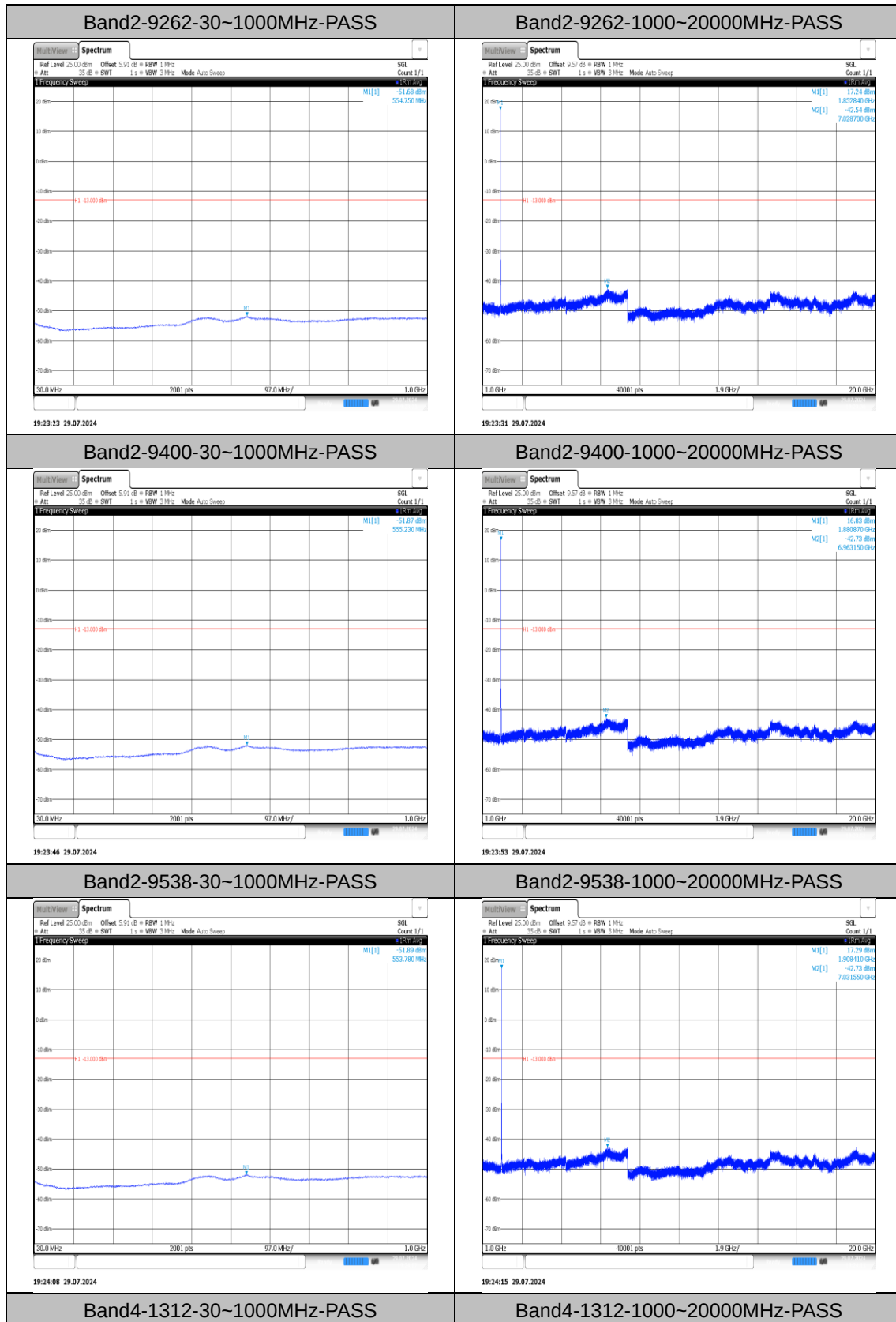
Band5	4182	4	30~1000MHz	560.11	-60.81	-13	PASS
Band5	4182	4	1000~10000MHz	7937.98	-43.29	-13	PASS
Band5	4233	4	30~1000MHz	550.41	-60.83	-13	PASS
Band5	4233	4	1000~10000MHz	7978.03	-43.07	-13	PASS

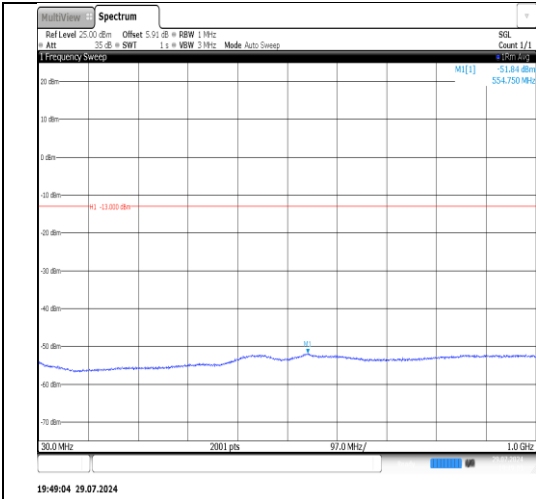
HSUPA:

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	5	30~1000MHz	554.27	-51.88	-13	PASS
Band2	9262	5	1000~20000MHz	7961.13	-42.73	-13	PASS
Band2	9400	5	30~1000MHz	553.78	-51.74	-13	PASS
Band2	9400	5	1000~20000MHz	7108.03	-42.18	-13	PASS
Band2	9538	5	30~1000MHz	558.14	-51.93	-13	PASS
Band2	9538	5	1000~20000MHz	7045.33	-42.22	-13	PASS
Band4	1312	5	30~1000MHz	552.81	-51.77	-13	PASS
Band4	1312	5	1000~20000MHz	7049.13	-42.7	-13	PASS
Band4	1413	5	30~1000MHz	556.2	-51.92	-13	PASS
Band4	1413	5	1000~20000MHz	7162.65	-42.74	-13	PASS
Band4	1513	5	30~1000MHz	554.27	-51.8	-13	PASS
Band4	1513	5	1000~20000MHz	7959.7	-42.89	-13	PASS
Band5	4132	5	30~1000MHz	597.45	-60.93	-13	PASS
Band5	4132	5	1000~10000MHz	7137.47	-43.06	-13	PASS
Band5	4182	5	30~1000MHz	547.98	-60.14	-13	PASS
Band5	4182	5	1000~10000MHz	6916.98	-43.35	-13	PASS
Band5	4233	5	30~1000MHz	553.32	-60.75	-13	PASS
Band5	4233	5	1000~10000MHz	7907.83	-43.3	-13	PASS

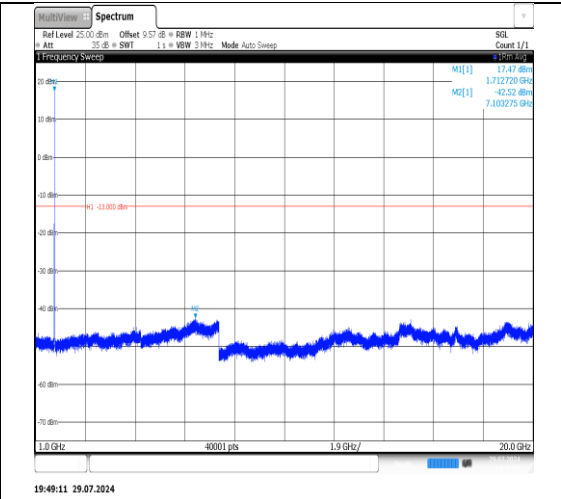
Test Graphs

Rel99:

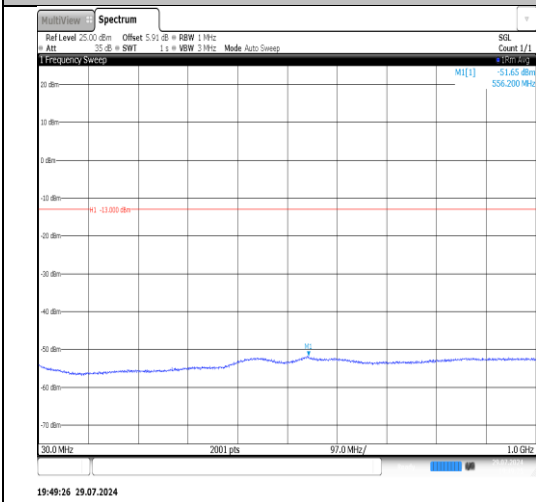




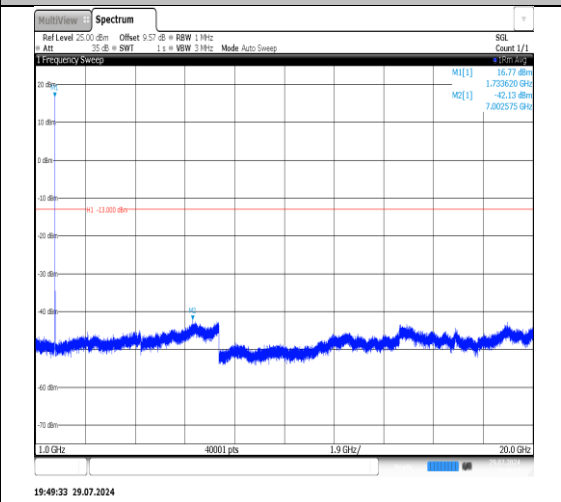
Band4-1413-30~1000MHz-PASS



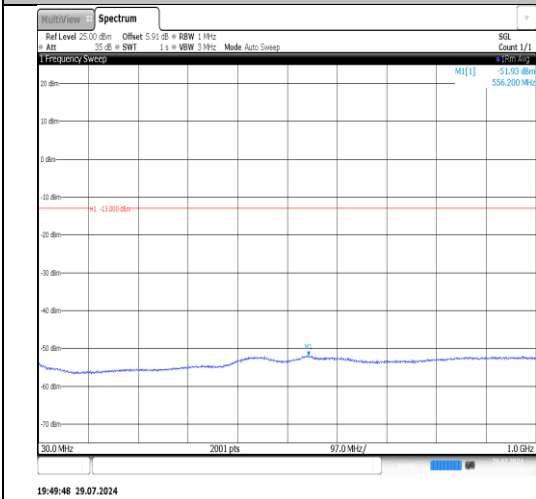
Band4-1413-1000~20000MHz-PASS



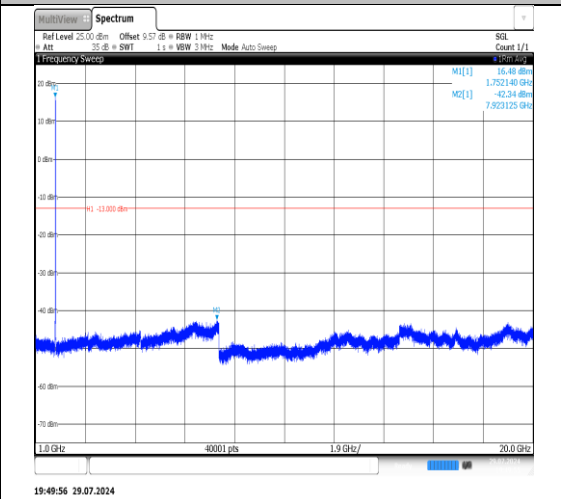
Band4-1513-30~1000MHz-PASS



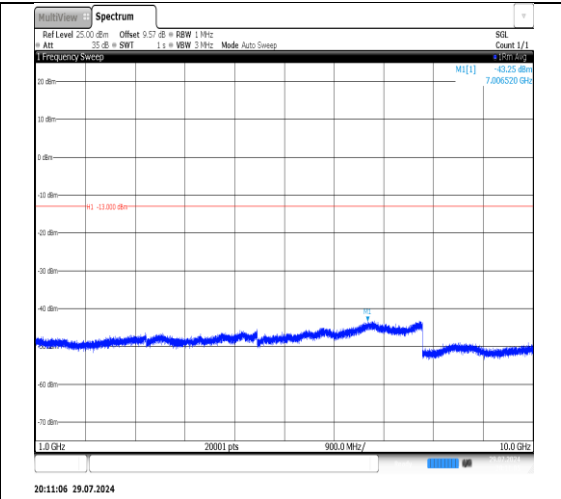
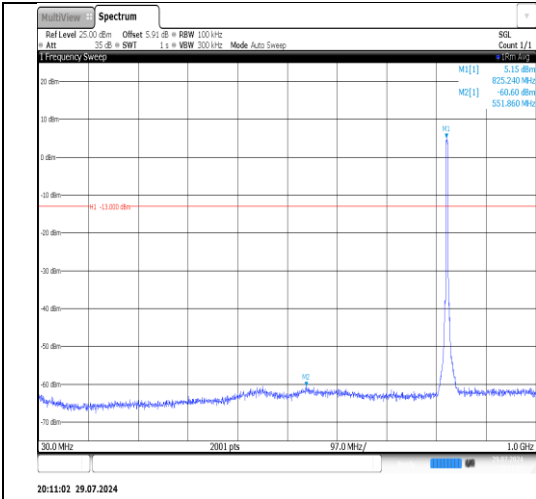
Band4-1513-1000~20000MHz-PASS



Band5-4132-30~1000MHz-PASS

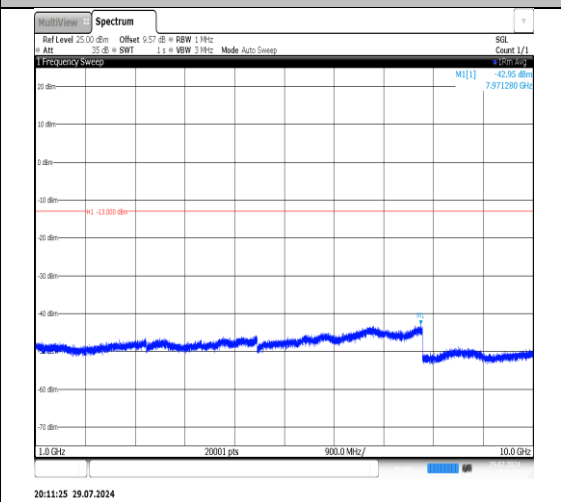
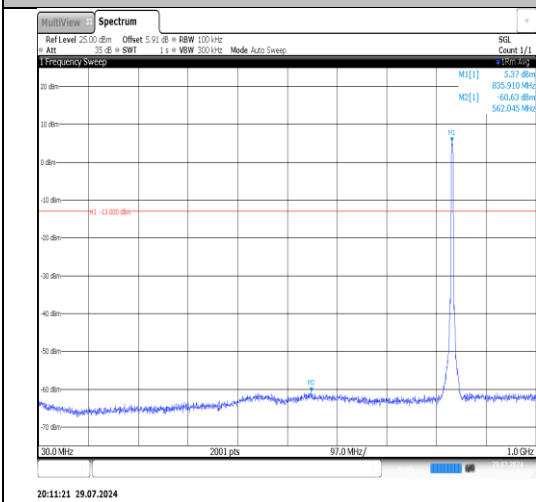


Band5-4132-1000~10000MHz-PASS



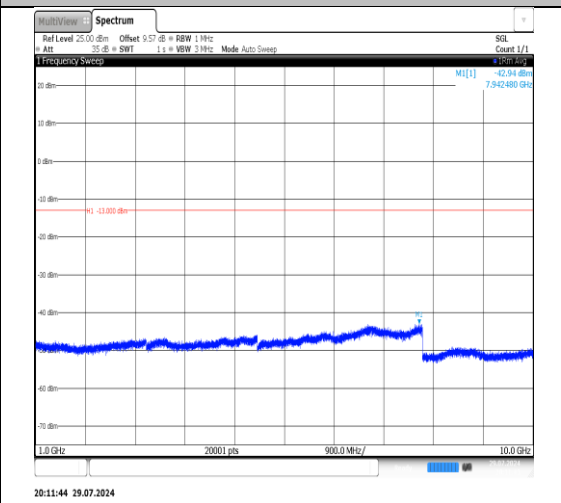
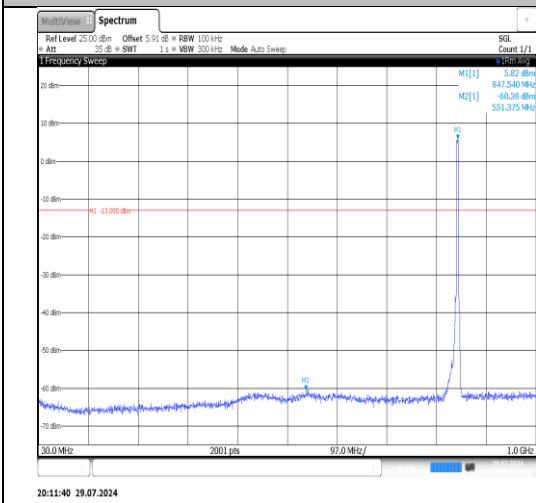
Band5-4182-30~1000MHz-PASS

Band5-4182-1000~10000MHz-PASS



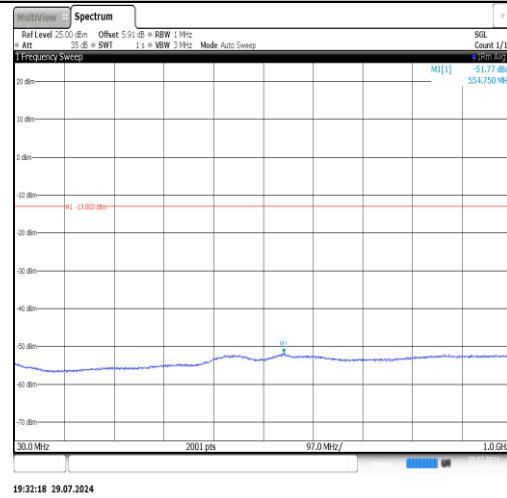
Band5-4233-30~1000MHz-PASS

Band5-4233-1000~10000MHz-PASS

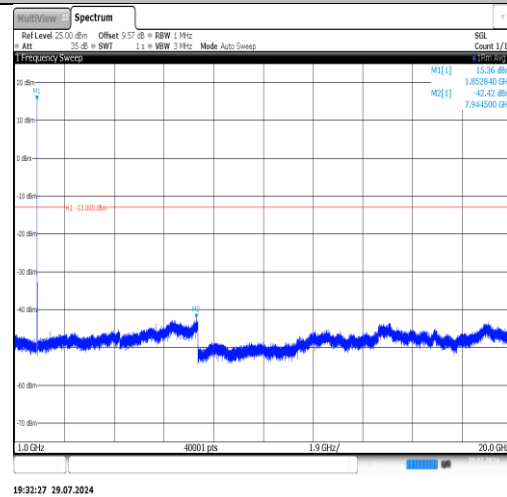


HSDPA:

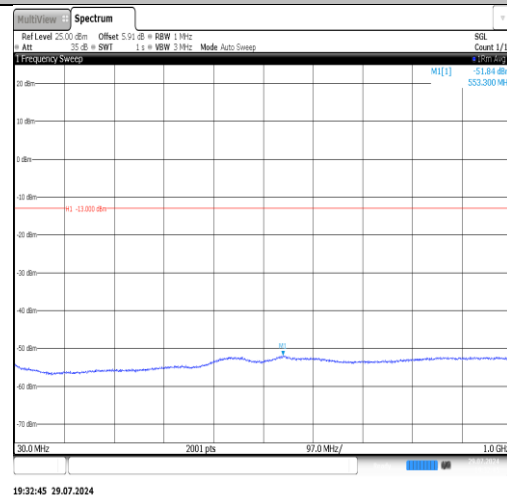
Band2-9262-4-30~1000MHz-PASS



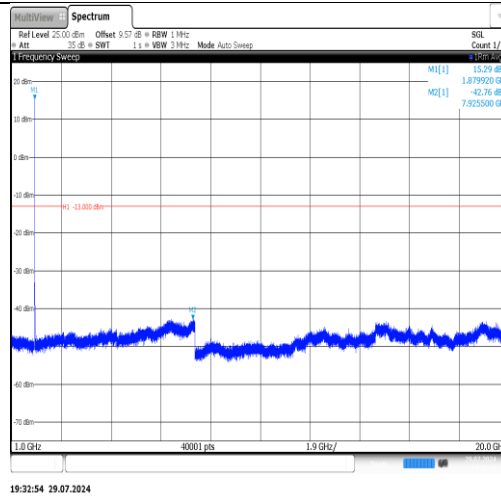
Band2-9262-4-1000~20000MHz-PASS



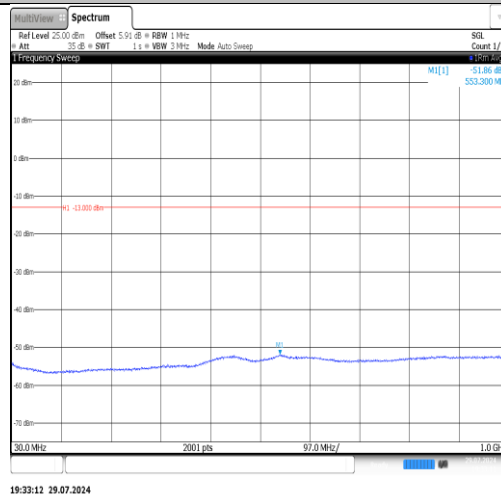
Band2-9400-4-30~1000MHz-PASS



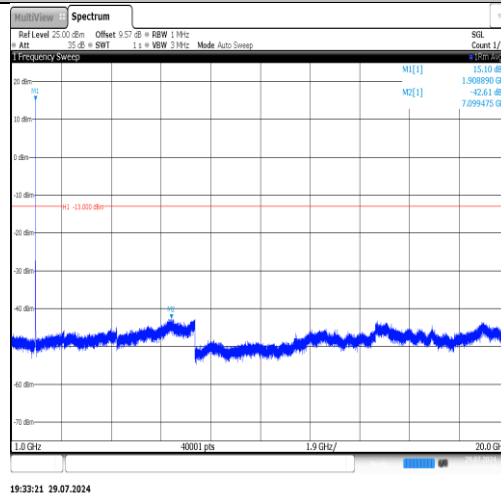
Band2-9400-4-1000~20000MHz-PASS



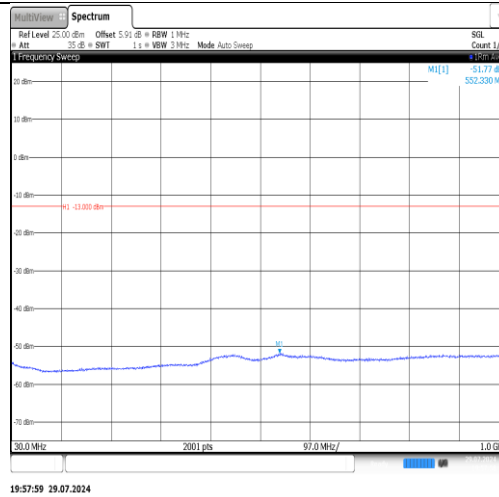
Band2-9538-4-30~1000MHz-PASS



Band2-9538-4-1000~20000MHz-PASS

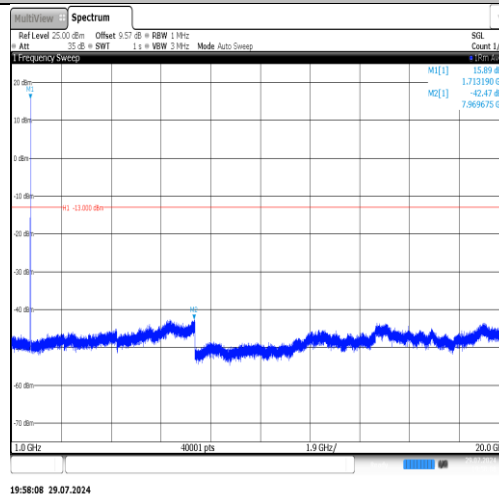


Band4-1312-4-30~1000MHz-PASS



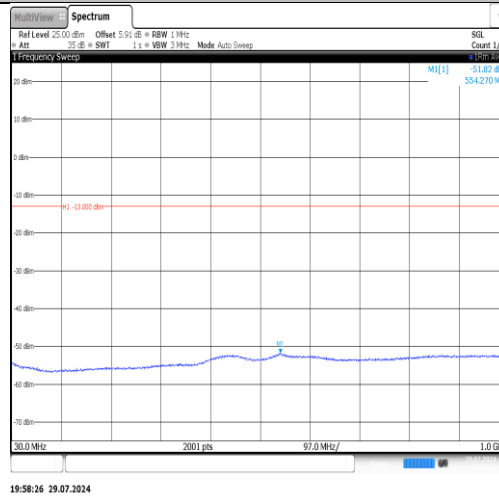
19:57:59 29.07.2024

Band4-1312-4-1000~20000MHz-PASS



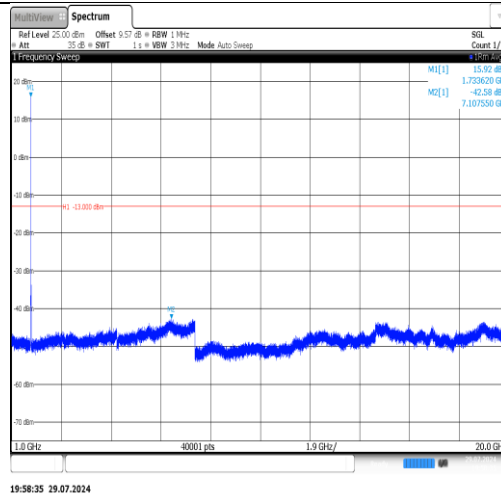
19:58:08 29.07.2024

Band4-1413-4-30~1000MHz-PASS

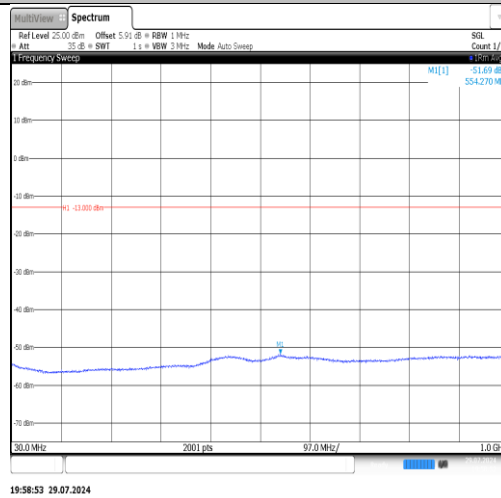


19:58:26 29.07.2024

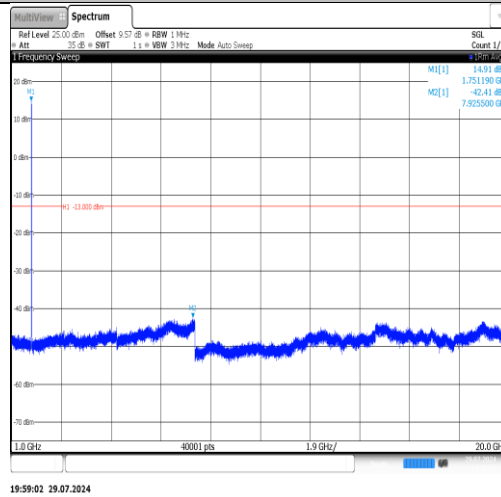
Band4-1413-4-1000~20000MHz-PASS



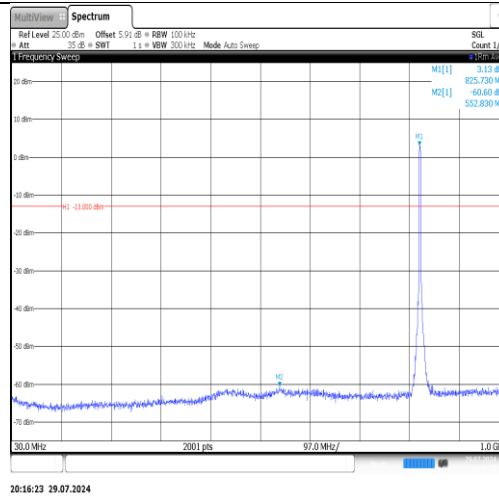
Band4-1513-4-30~1000MHz-PASS



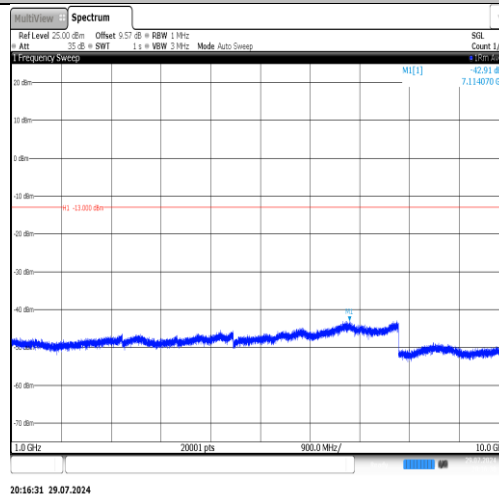
Band4-1513-4-1000~20000MHz-PASS



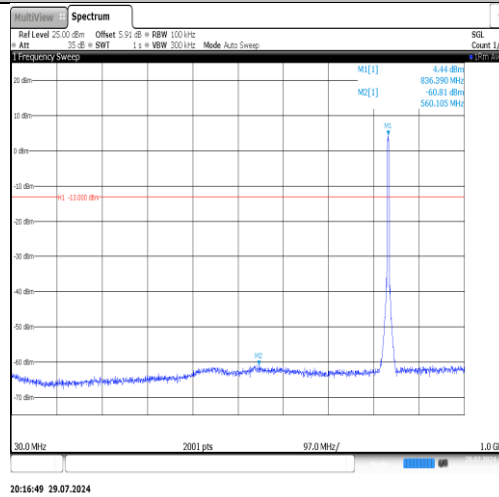
Band5-4132-4-30~1000MHz-PASS



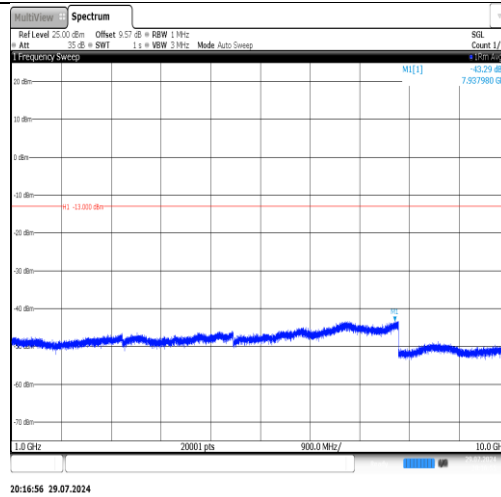
Band5-4132-4-1000~10000MHz-PASS



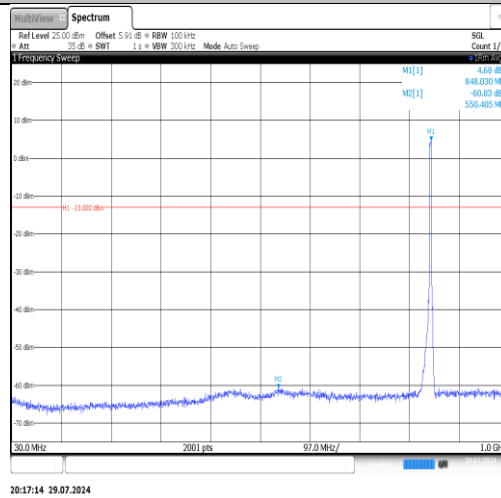
Band5-4182-4-30~1000MHz-PASS



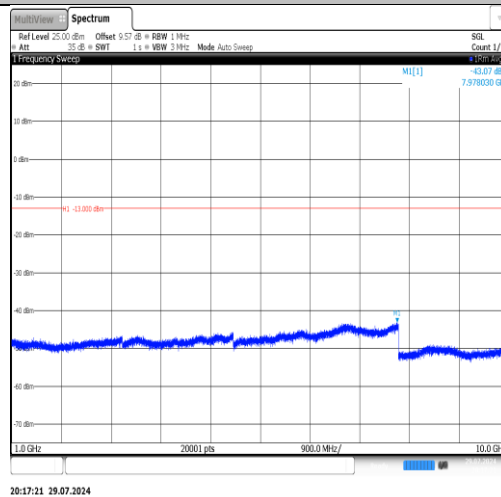
Band5-4182-4-1000~10000MHz-PASS



Band5-4233-4-30~1000MHz-PASS

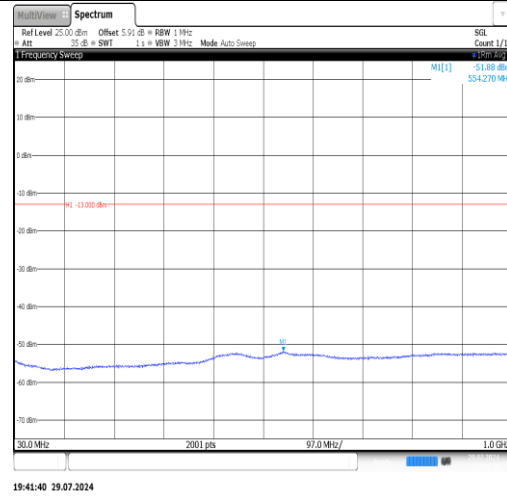


Band5-4233-4-1000~10000MHz-PASS

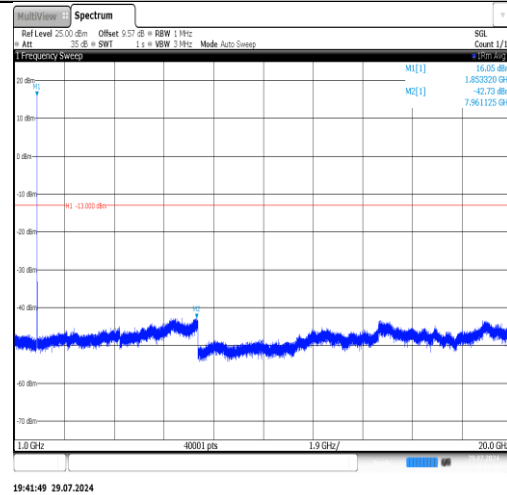


HSUPA:

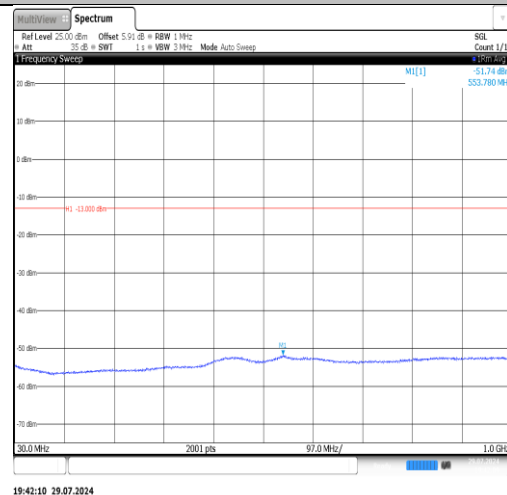
Band2-9262-5-30~1000MHz-PASS



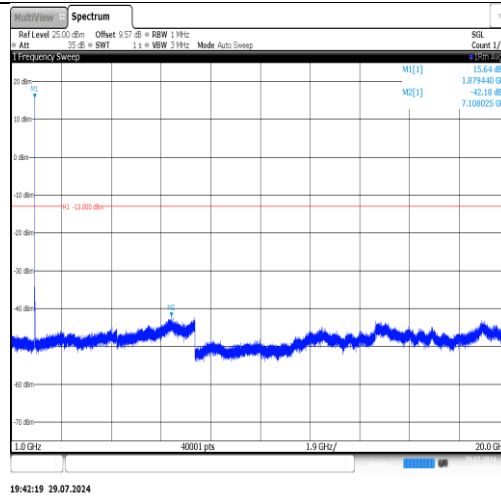
Band2-9262-5-1000~20000MHz-PASS



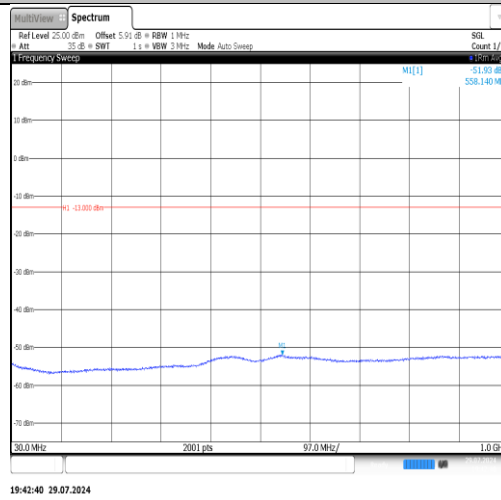
Band2-9400-5-30~1000MHz-PASS



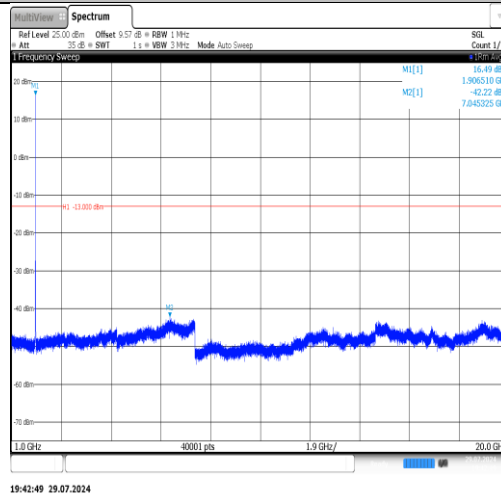
Band2-9400-5-1000~20000MHz-PASS



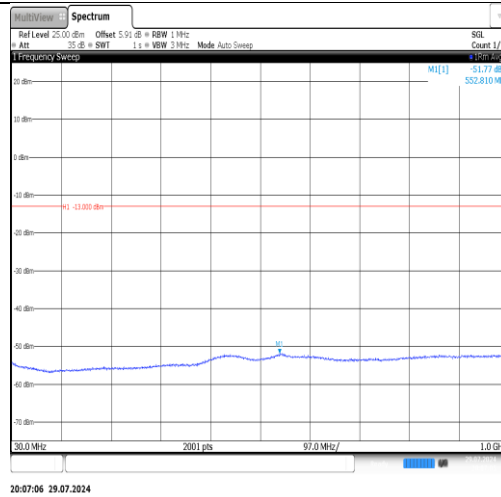
Band2-9538-5-30~1000MHz-PASS



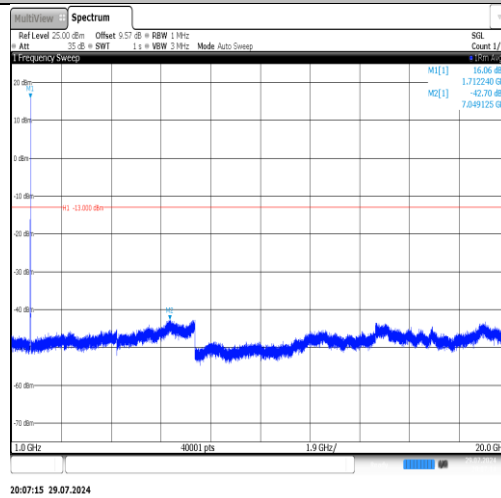
Band2-9538-5-1000~20000MHz-PASS



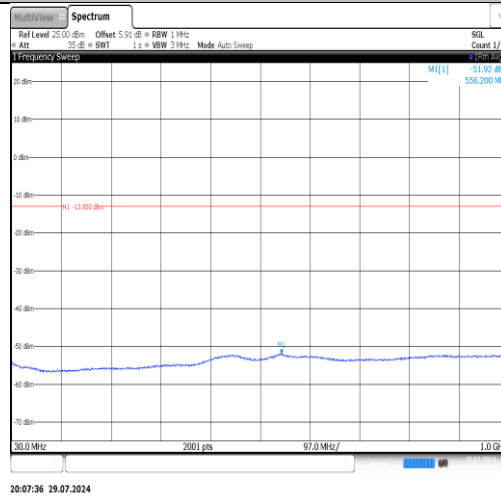
Band4-1312-5-30~1000MHz-PASS



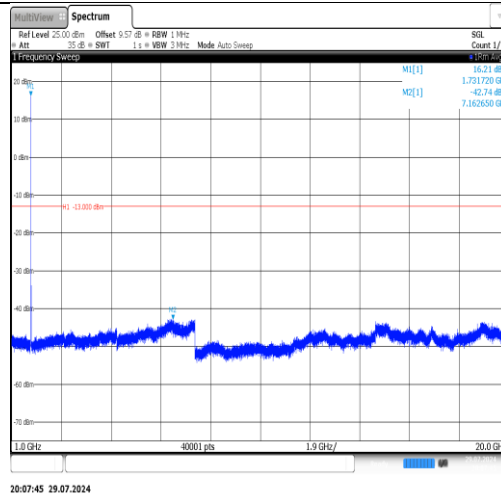
Band4-1312-5-1000~20000MHz-PASS



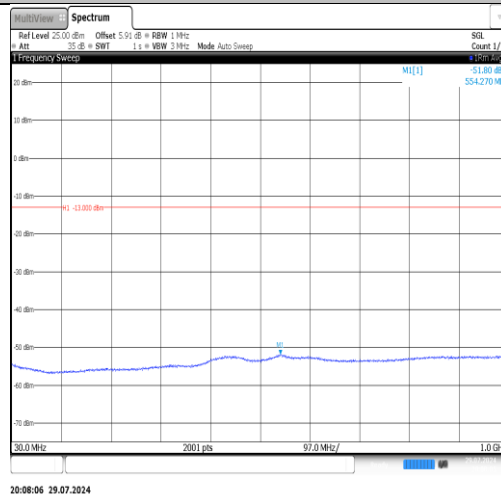
Band4-1413-5-30~1000MHz-PASS



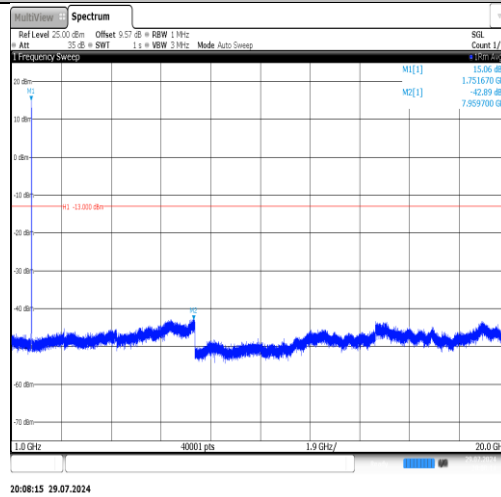
Band4-1413-5-1000~20000MHz-PASS



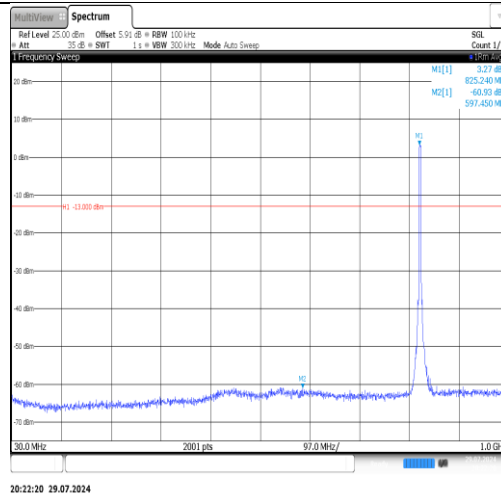
Band4-1513-5-30~1000MHz-PASS



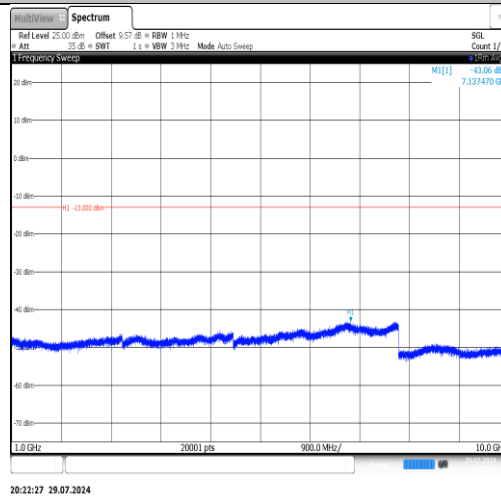
Band4-1513-5-1000~20000MHz-PASS



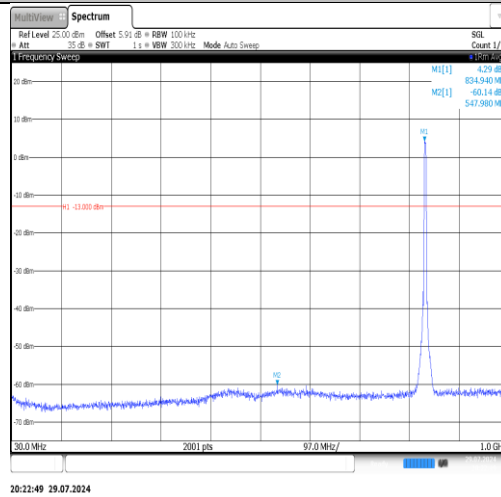
Band5-4132-5-30~1000MHz-PASS



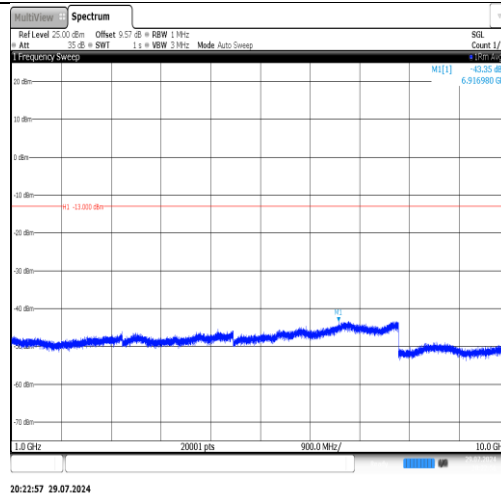
Band5-4132-5-1000~10000MHz-PASS



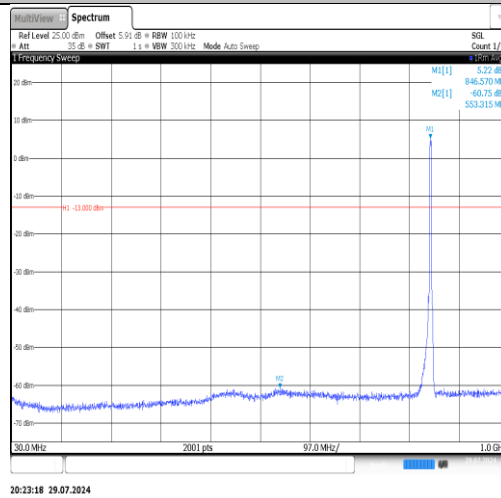
Band5-4182-5-30~1000MHz-PASS



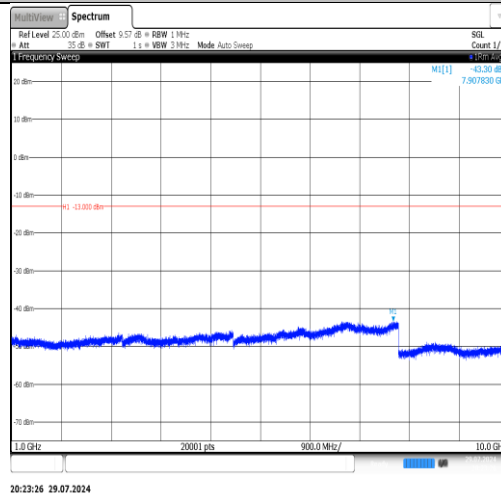
Band5-4182-5-1000~10000MHz-PASS



Band5-4233-5-30~1000MHz-PASS



Band5-4233-5-1000~10000MHz-PASS



AppendixF:Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9400	VN	NT	1.80	0.000957	±2.5	PASS
Band2	9400	VL	NT	1.34	0.000713	±2.5	PASS
Band2	9400	VH	NT	2.47	0.001314	±2.5	PASS
Band4	1413	VN	NT	-0.21	-0.000121	±2.5	PASS
Band4	1413	VL	NT	-1.32	-0.000762	±2.5	PASS
Band4	1413	VH	NT	-1.31	-0.000756	±2.5	PASS
Band5	4183	VN	NT	0.38	0.000454	±2.5	PASS
Band5	4183	VL	NT	0.16	0.000191	±2.5	PASS
Band5	4183	VH	NT	0.13	0.000155	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9400	NV	-30	2.42	0.001287	±2.5	PASS
Band2	9400	NV	-20	2.27	0.001207	±2.5	PASS
Band2	9400	NV	-10	2.27	0.001207	±2.5	PASS
Band2	9400	NV	0	3.03	0.001612	±2.5	PASS
Band2	9400	NV	10	3.35	0.001782	±2.5	PASS
Band2	9400	NV	20	3.43	0.001824	±2.5	PASS
Band2	9400	NV	30	3.26	0.001734	±2.5	PASS
Band2	9400	NV	40	2.98	0.001585	±2.5	PASS
Band2	9400	NV	50	3.52	0.001872	±2.5	PASS
Band4	1413	NV	-30	-1.22	-0.000704	±2.5	PASS
Band4	1413	NV	-20	-0.50	-0.000289	±2.5	PASS
Band4	1413	NV	-10	-0.36	-0.000208	±2.5	PASS
Band4	1413	NV	0	-0.52	-0.000300	±2.5	PASS
Band4	1413	NV	10	0.34	0.000196	±2.5	PASS
Band4	1413	NV	20	0.12	0.000069	±2.5	PASS
Band4	1413	NV	30	0.04	0.000023	±2.5	PASS
Band4	1413	NV	40	0.12	0.000069	±2.5	PASS
Band4	1413	NV	50	0.14	0.000081	±2.5	PASS
Band5	4183	NV	-30	0.15	0.000179	±2.5	PASS
Band5	4183	NV	-20	-0.16	-0.000191	±2.5	PASS
Band5	4183	NV	-10	0.31	0.000371	±2.5	PASS
Band5	4183	NV	0	0.70	0.000837	±2.5	PASS
Band5	4183	NV	10	0.49	0.000586	±2.5	PASS

Band5	4183	NV	20	0.44	0.000526	±2.5	PASS
Band5	4183	NV	30	0.45	0.000538	±2.5	PASS
Band5	4183	NV	40	0.46	0.000550	±2.5	PASS
Band5	4183	NV	50	0.30	0.000359	±2.5	PASS