
AppendixB:Peak-to-Average Ratio

Test Result

Rel99:

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9400	3.82	13	PASS
Band4	1413	3.78	13	PASS
Band5	4183	3.64	13	PASS

HSDPA:

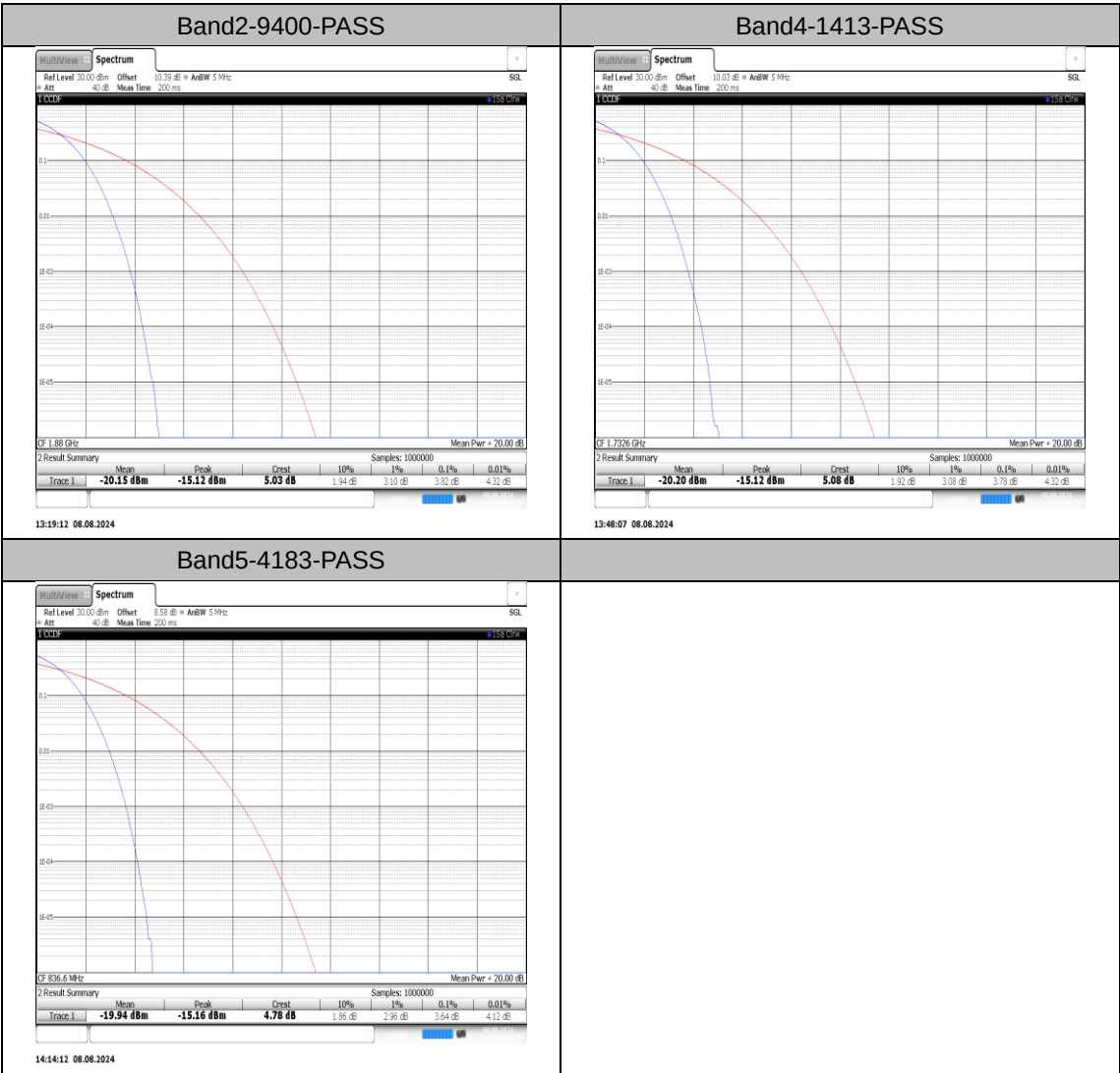
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9400	4	3.68	13	PASS
Band4	1413	4	3.8	13	PASS
Band5	4183	4	3.88	13	PASS

HSUPA:

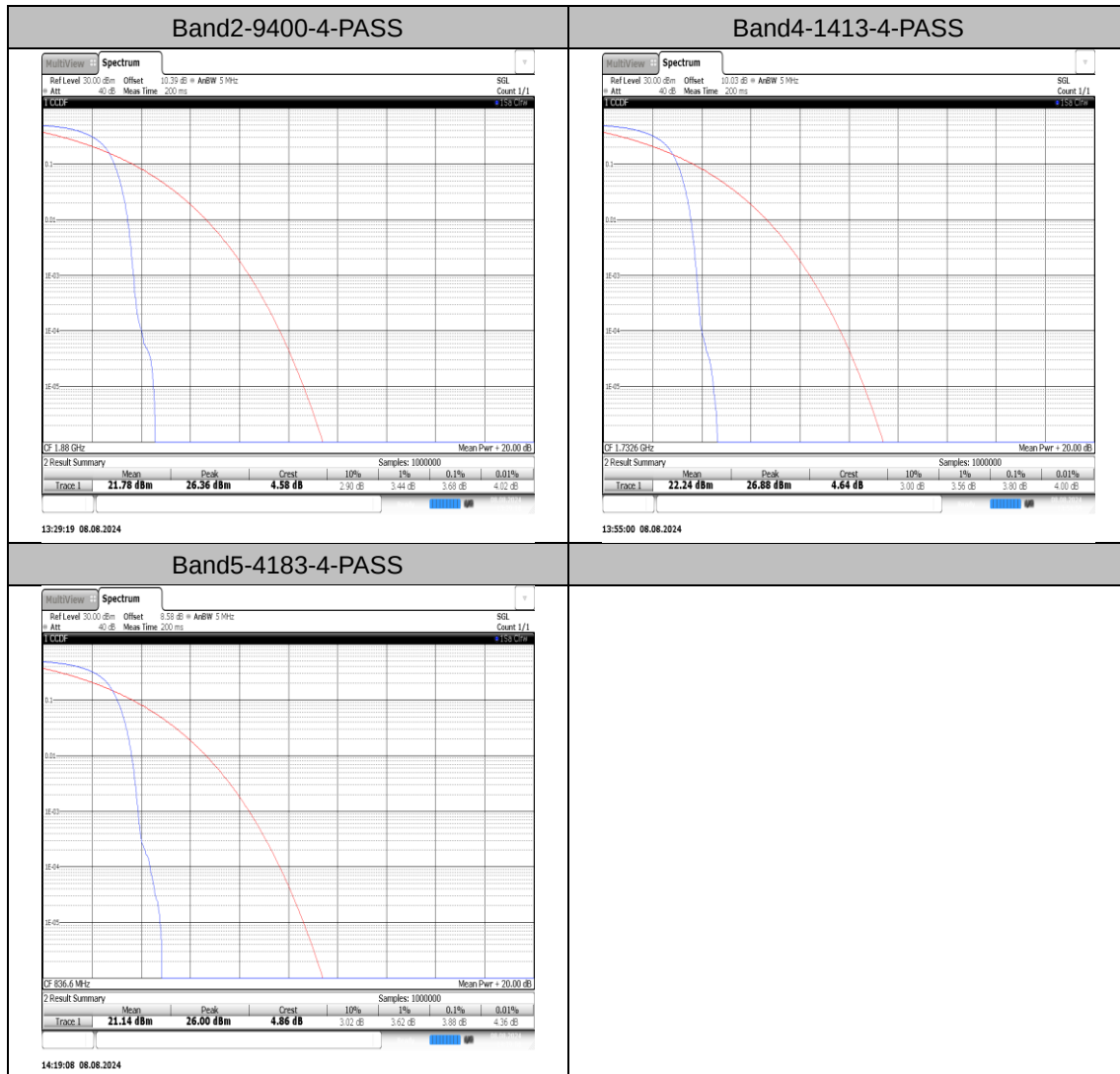
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9400	5	3.36	13	PASS
Band4	1413	5	3.5	13	PASS
Band5	4183	5	3.52	13	PASS

Test Graphs

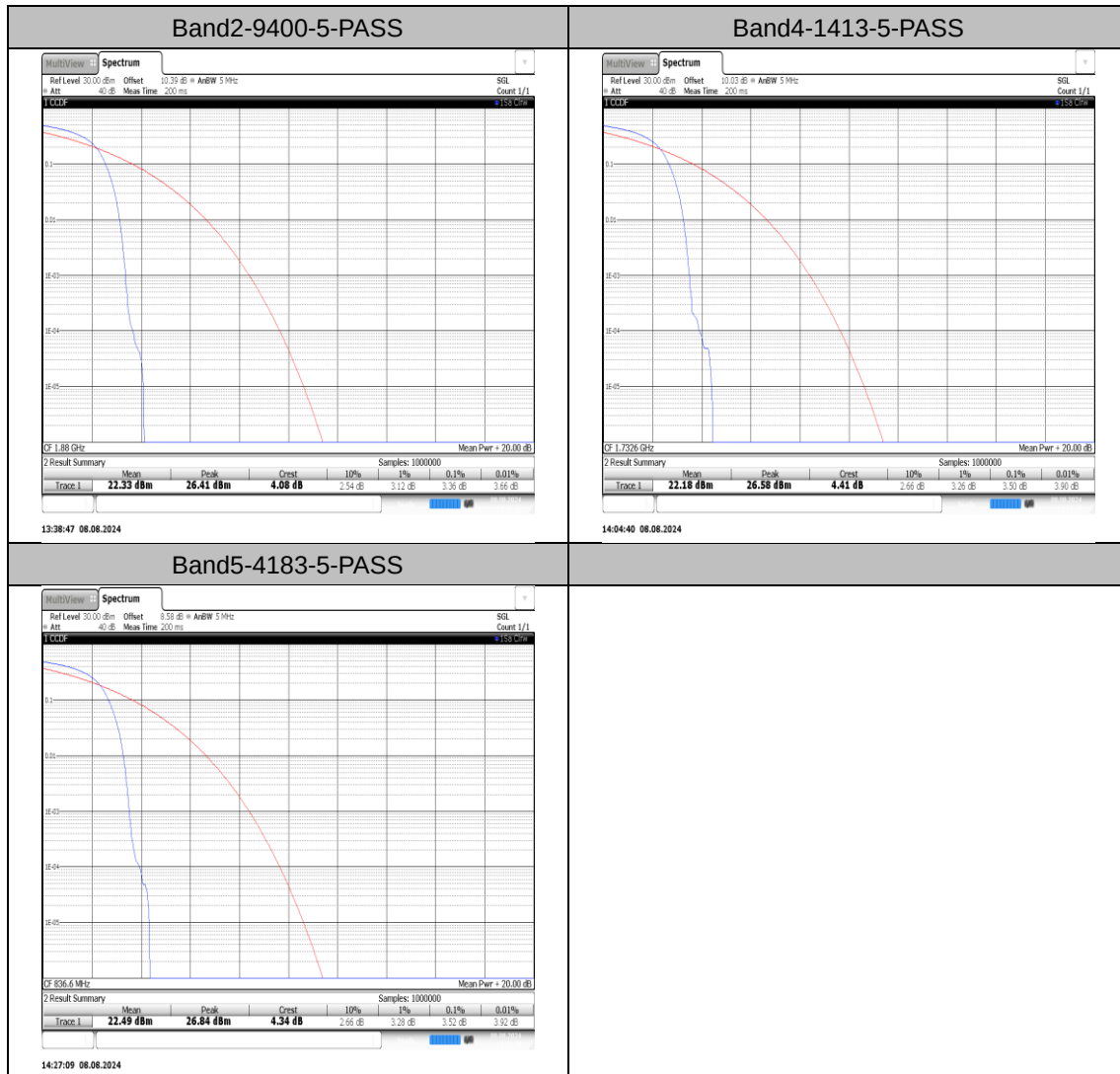
Rel99:



HSDPA:



HSUPA:



AppendixC:26dB Bandwidth andOccupied Bandwidth

Test Result

Rel99:

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9400	4.15	4.70	---	PASS
Band4	1413	4.149	4.68	---	PASS
Band5	4183	4.147	4.68	---	PASS

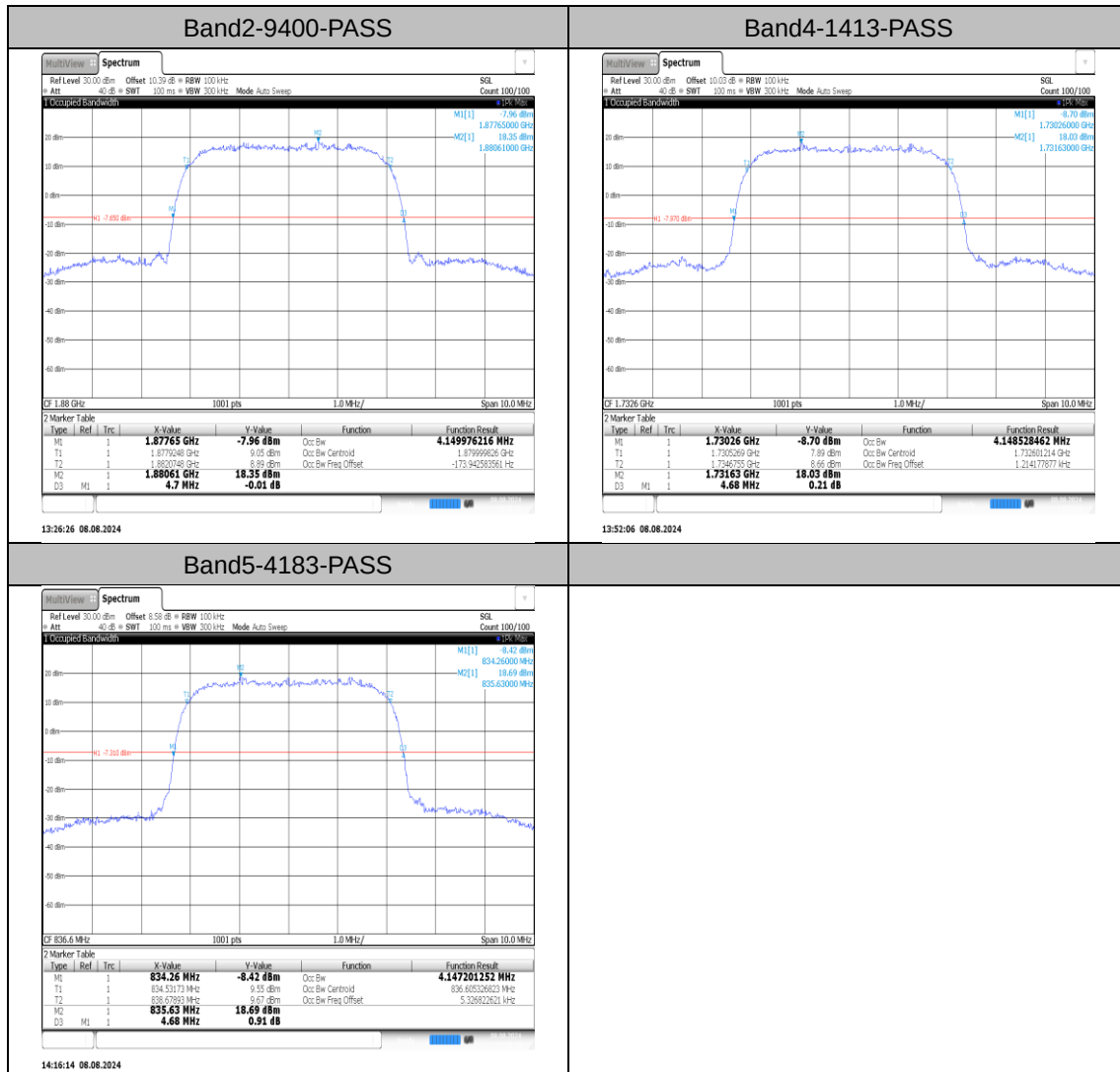
HSDPA:

Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9400	4	4.142	4.69	---	PASS
Band4	1413	4	4.145	4.69	---	PASS
Band5	4183	4	4.139	4.70	---	PASS

HSUPA:

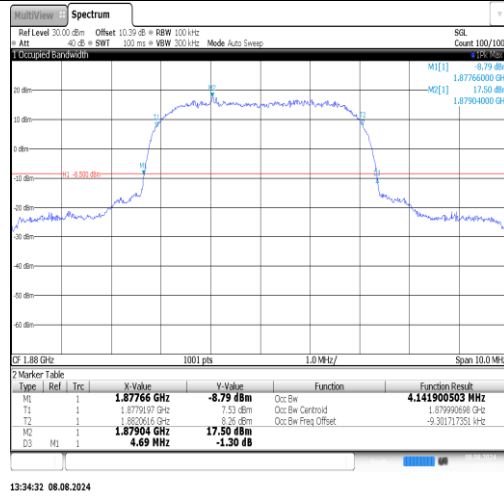
Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9400	5	4.147	4.70	---	PASS
Band4	1413	5	4.151	4.71	---	PASS
Band5	4183	5	4.143	4.70	---	PASS

Rel99:

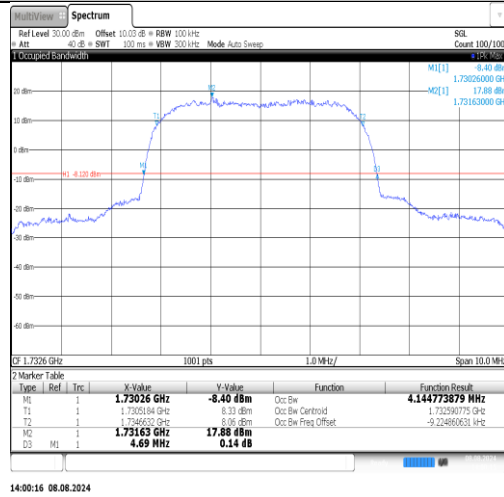


HSDPA:

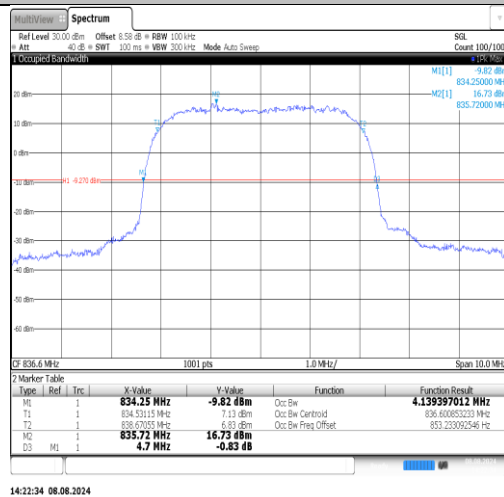
Band2-9400-4-PASS



Band4-1413-4-PASS

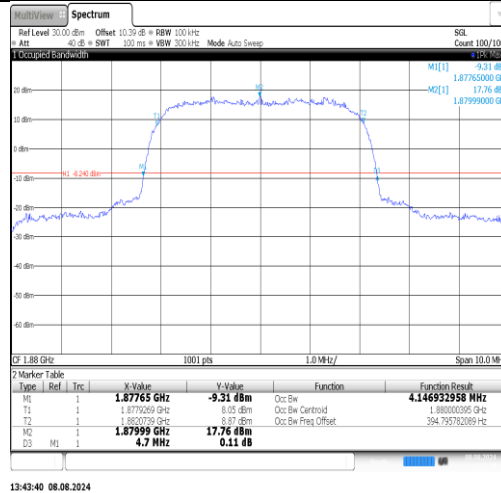


Band5-4183-4-PASS

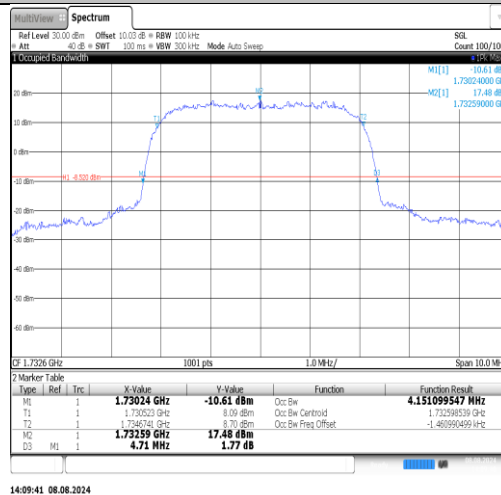


HSUPA:

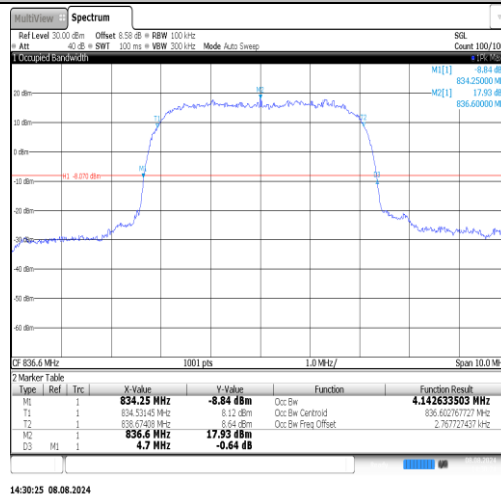
Band2-9400-5-PASS



Band4-1413-5-PASS



Band5-4183-5-PASS



AppendixD:Band Edge

Test Result

Rel99:

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1850.00	-28.40	-13	PASS
Band2	9538	1910.00	-29.90	-13	PASS
Band4	1312	1710.00	-31.14	-13	PASS
Band4	1513	1755.00	-30.41	-13	PASS
Band5	4132	823.93	-33.75	-13	PASS
Band5	4233	849.06	-31.55	-13	PASS

HSDPA:

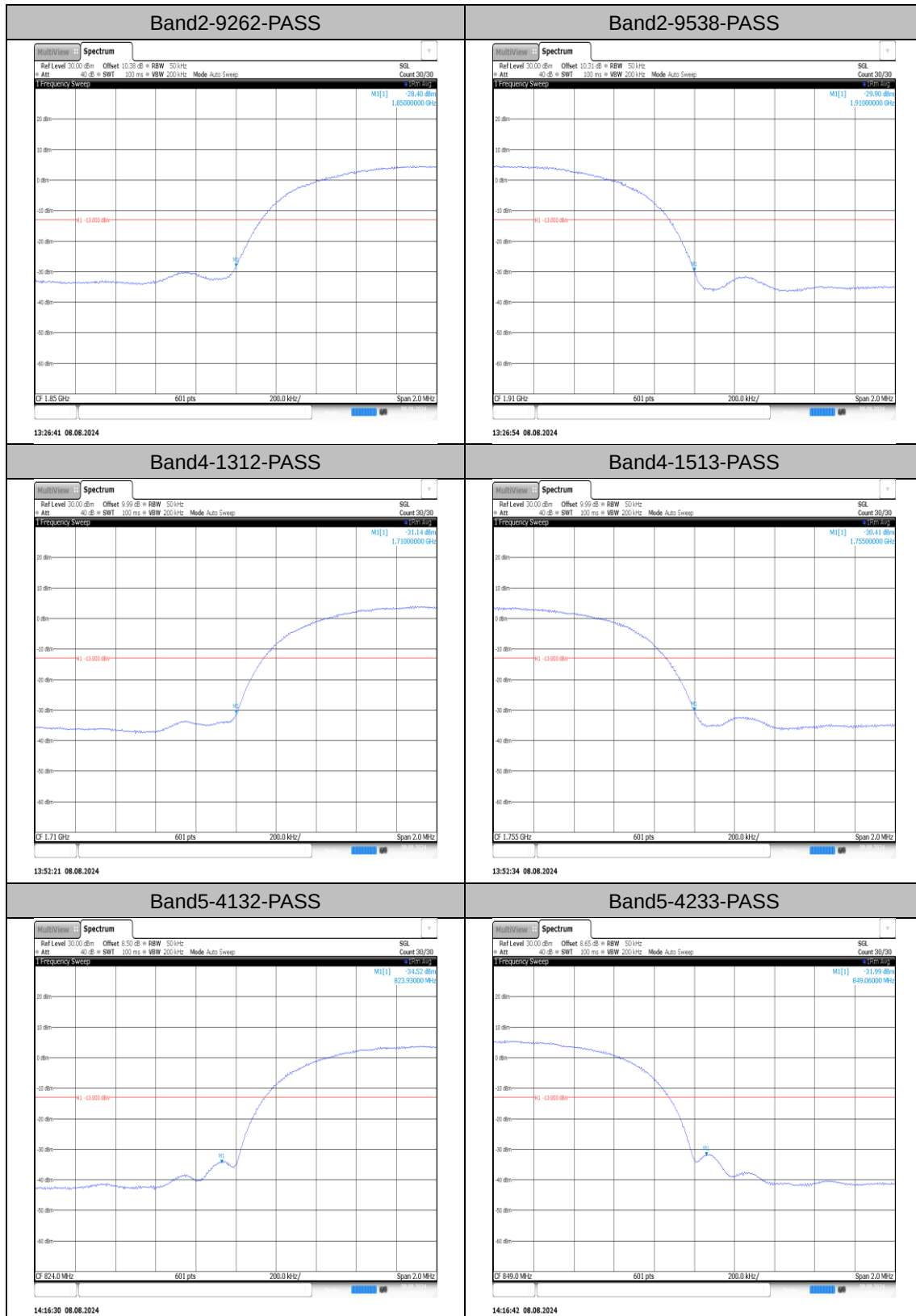
Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	4	1849.88	-24.87	-13	PASS
Band2	9538	4	1910.08	-26.15	-13	PASS
Band4	1312	4	1709.89	-26.89	-13	PASS
Band4	1513	4	1755.08	-25.29	-13	PASS
Band5	4132	4	823.93	-36.43	-13	PASS
Band5	4233	4	849.07	-36.13	-13	PASS

HSUPA:

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	5	1849.93	-25.37	-13	PASS
Band2	9538	5	1910.08	-27.55	-13	PASS
Band4	1312	5	1709.94	-28.08	-13	PASS
Band4	1513	5	1755.09	-27.10	-13	PASS
Band5	4132	5	823.92	-33.34	-13	PASS
Band5	4233	5	849.06	-33.61	-13	PASS

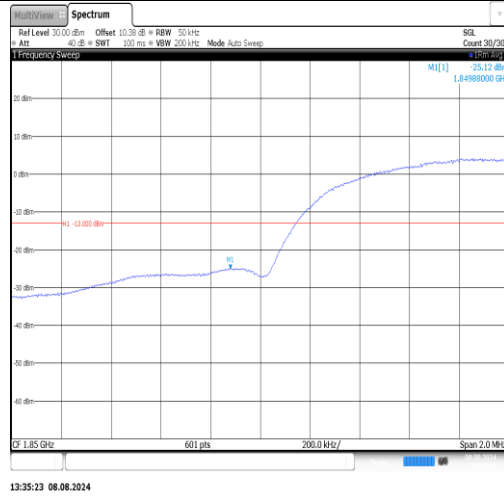
Test Graphs

Rel99:

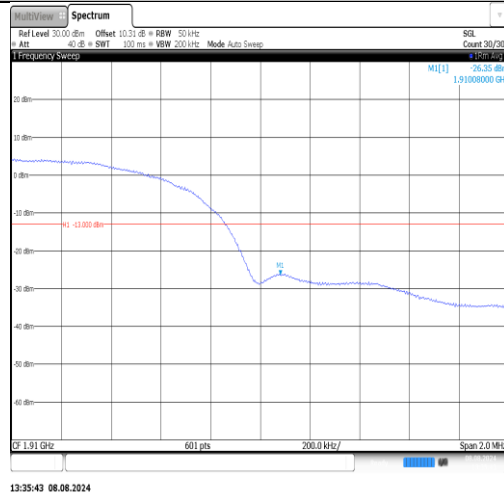


HSDPA:

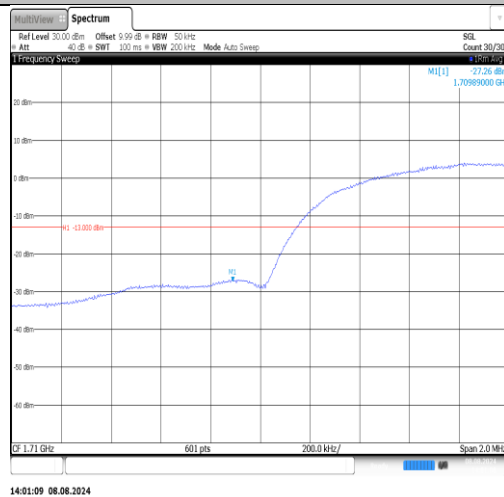
Band2-9262-4-PASS



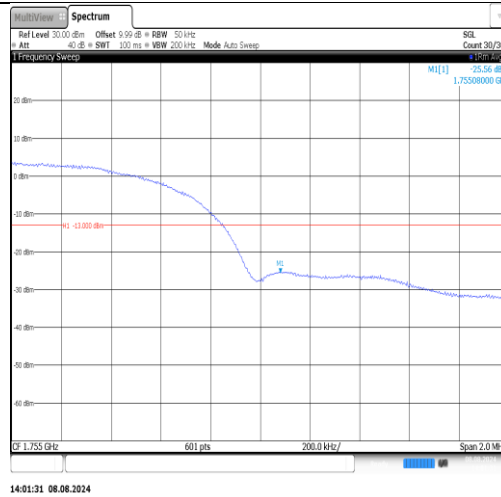
Band2-9538-4-PASS



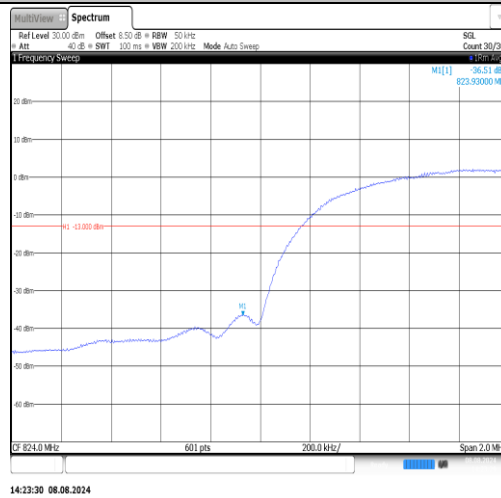
Band4-1312-4-PASS



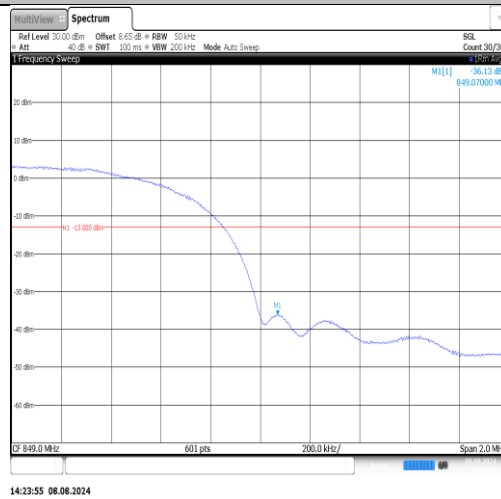
Band4-1513-4-PASS



Band5-4132-4-PASS

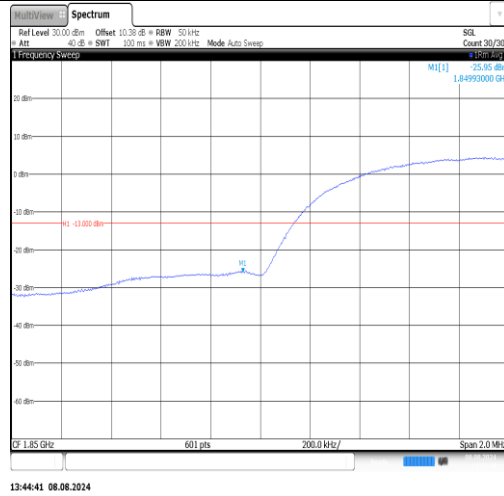


Band5-4233-4-PASS

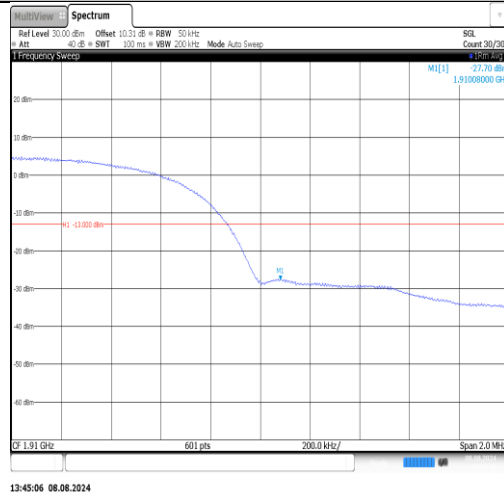


HSUPA:

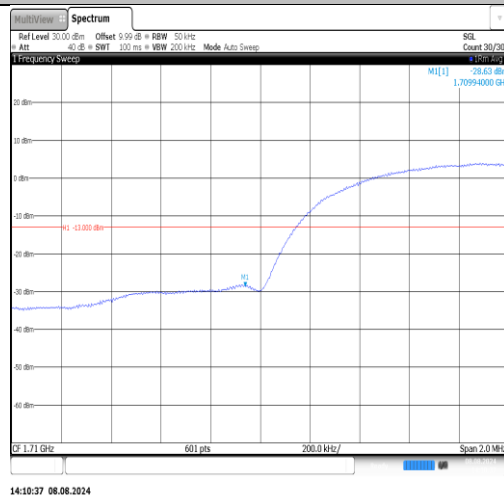
Band2-9262-5-PASS



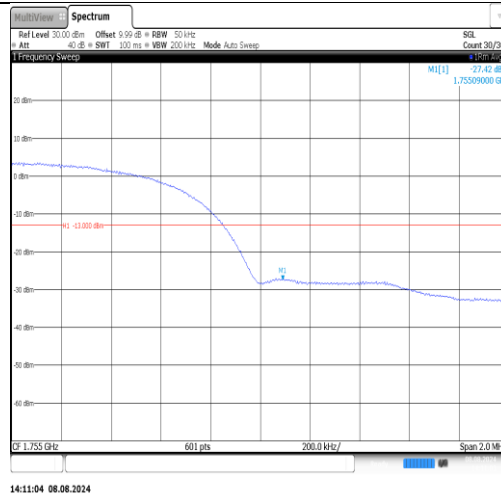
Band2-9538-5-PASS



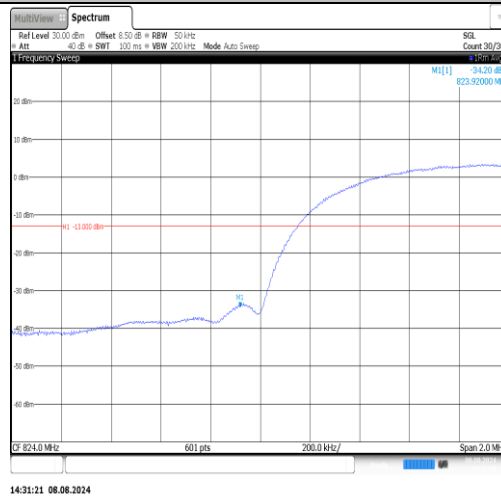
Band4-1312-5-PASS



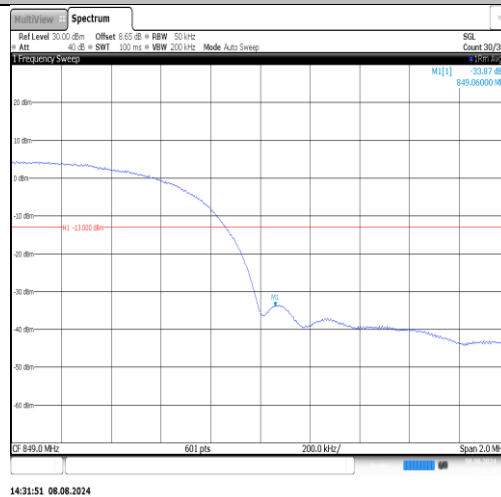
Band4-1513-5-PASS



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	553.78	-52.36	-13	PASS
Band2	9262	1000~20000MHz	3706.08	-42.96	-13	PASS
Band2	9400	30~1000MHz	554.75	-52.38	-13	PASS
Band2	9400	1000~20000MHz	7008.28	-42.88	-13	PASS
Band2	9538	30~1000MHz	553.78	-52.41	-13	PASS
Band2	9538	1000~20000MHz	3816.75	-40.04	-13	PASS
Band4	1312	30~1000MHz	553.3	-52.2	-13	PASS
Band4	1312	1000~20000MHz	7973.95	-42.82	-13	PASS
Band4	1413	30~1000MHz	557.17	-52.4	-13	PASS
Band4	1413	1000~20000MHz	7944.03	-42.84	-13	PASS
Band4	1513	30~1000MHz	553.78	-52.26	-13	PASS
Band4	1513	1000~20000MHz	7986.3	-42.53	-13	PASS
Band5	4132	30~1000MHz	580.96	-61.5	-13	PASS
Band5	4132	1000~10000MHz	7967.23	-43.43	-13	PASS
Band5	4183	30~1000MHz	561.08	-61.32	-13	PASS
Band5	4183	1000~10000MHz	7133.42	-43.23	-13	PASS
Band5	4233	30~1000MHz	566.9	-61.33	-13	PASS
Band5	4233	1000~10000MHz	7132.97	-43.61	-13	PASS

HSDPA:

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	4	30~1000MHz	553.78	-52.44	-13	PASS
Band2	9262	4	1000~20000MHz	3706.08	-42.53	-13	PASS
Band2	9400	4	30~1000MHz	552.33	-52.38	-13	PASS
Band2	9400	4	1000~20000MHz	3757.85	-42.76	-13	PASS
Band2	9538	4	30~1000MHz	551.84	-52.4	-13	PASS
Band2	9538	4	1000~20000MHz	3816.28	-39.99	-13	PASS
Band4	1312	4	30~1000MHz	554.75	-52.43	-13	PASS
Band4	1312	4	1000~20000MHz	7934.05	-43.21	-13	PASS
Band4	1413	4	30~1000MHz	550.39	-52.27	-13	PASS
Band4	1413	4	1000~20000MHz	7898.43	-42.39	-13	PASS
Band4	1513	4	30~1000MHz	554.75	-52.37	-13	PASS
Band4	1513	4	1000~20000MHz	7868.5	-43.21	-13	PASS
Band5	4132	4	30~1000MHz	622.19	-61.51	-13	PASS
Band5	4132	4	1000~10000MHz	7027.22	-43.41	-13	PASS

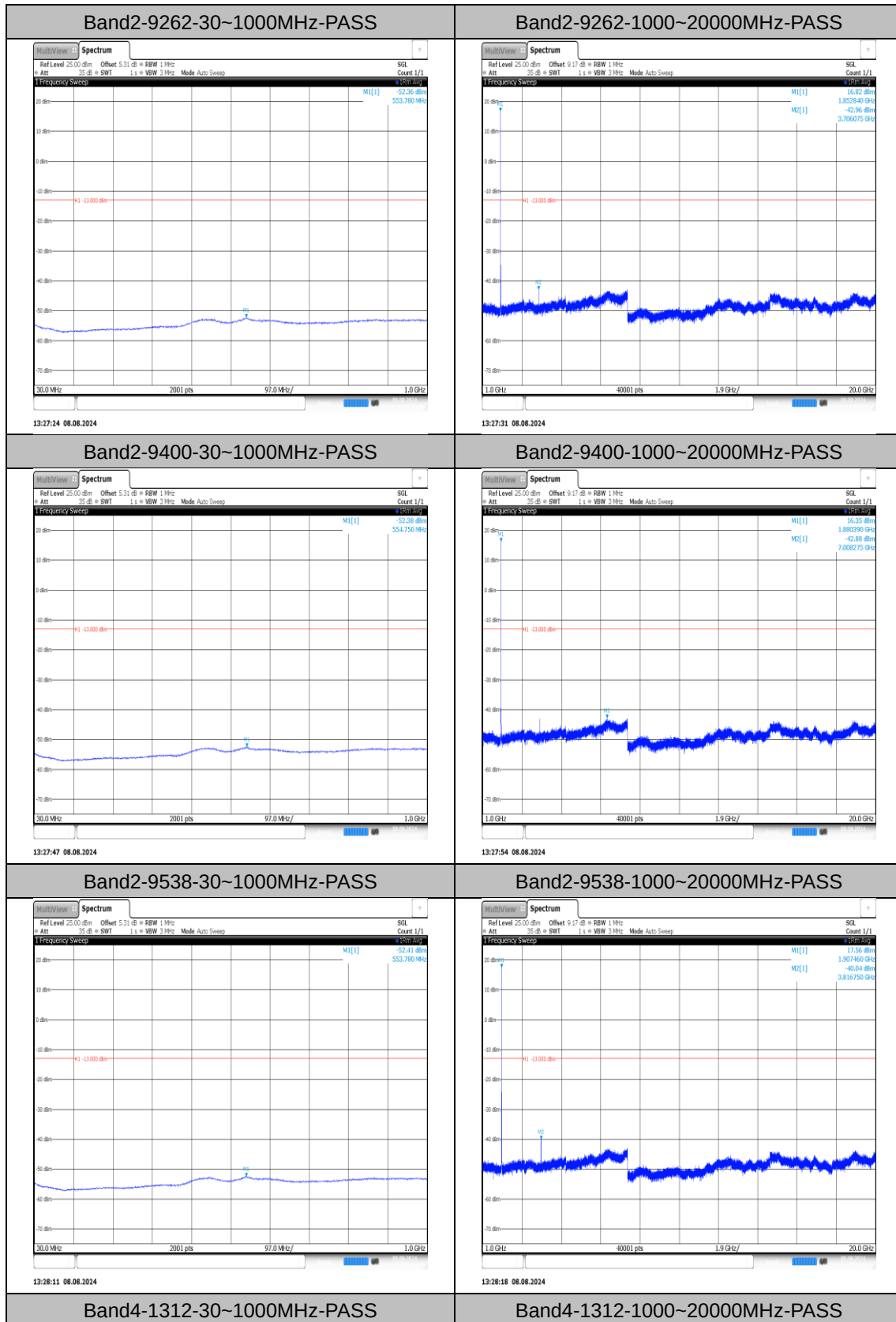
Band5	4183	4	30~1000MHz	552.35	-61.08	-13	PASS
Band5	4183	4	1000~10000MHz	7903.78	-43.09	-13	PASS
Band5	4233	4	30~1000MHz	551.86	-61.4	-13	PASS
Band5	4233	4	1000~10000MHz	7947.88	-43.45	-13	PASS

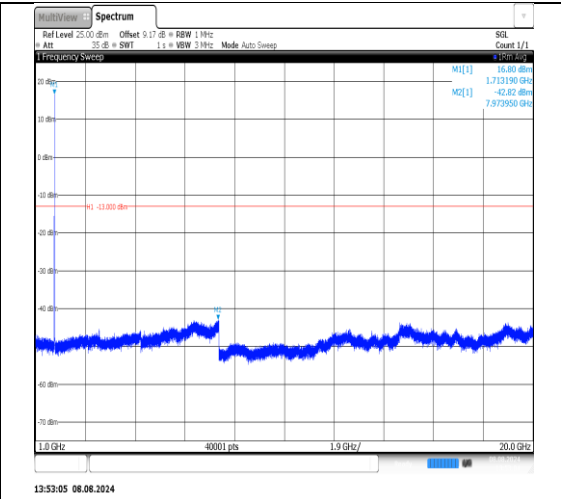
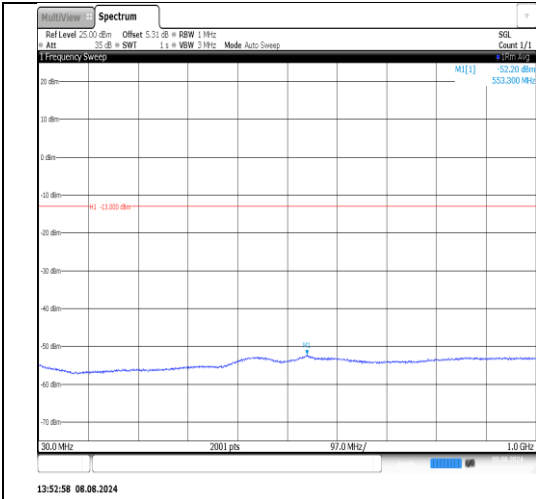
HSUPA:

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	5	30~1000MHz	551.84	-52.49	-13	PASS
Band2	9262	5	1000~20000MHz	3706.55	-42.15	-13	PASS
Band2	9400	5	30~1000MHz	555.72	-52.42	-13	PASS
Band2	9400	5	1000~20000MHz	7948.3	-42.77	-13	PASS
Band2	9538	5	30~1000MHz	553.78	-52.32	-13	PASS
Band2	9538	5	1000~20000MHz	3816.28	-39.18	-13	PASS
Band4	1312	5	30~1000MHz	554.27	-52.39	-13	PASS
Band4	1312	5	1000~20000MHz	7043.43	-42.98	-13	PASS
Band4	1413	5	30~1000MHz	549.42	-52.4	-13	PASS
Band4	1413	5	1000~20000MHz	7925.03	-43.11	-13	PASS
Band4	1513	5	30~1000MHz	554.75	-52.4	-13	PASS
Band4	1513	5	1000~20000MHz	7069.08	-42.85	-13	PASS
Band5	4132	5	30~1000MHz	554.77	-61.25	-13	PASS
Band5	4132	5	1000~10000MHz	7003.82	-43.44	-13	PASS
Band5	4183	5	30~1000MHz	617.34	-61.12	-13	PASS
Band5	4183	5	1000~10000MHz	7078.52	-43.46	-13	PASS
Band5	4233	5	30~1000MHz	971.87	-61.3	-13	PASS
Band5	4233	5	1000~10000MHz	7898.83	-43.42	-13	PASS

Test Graphs

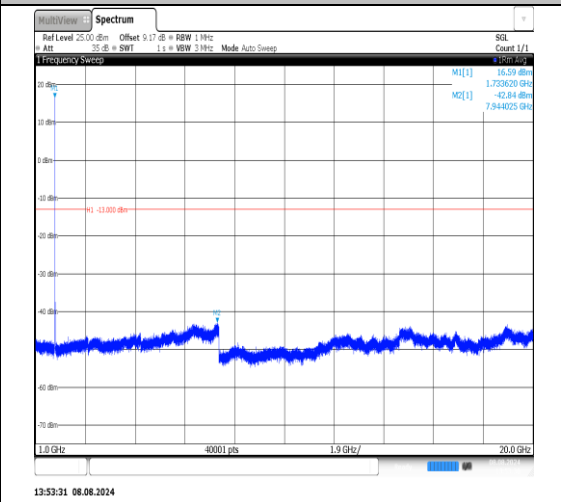
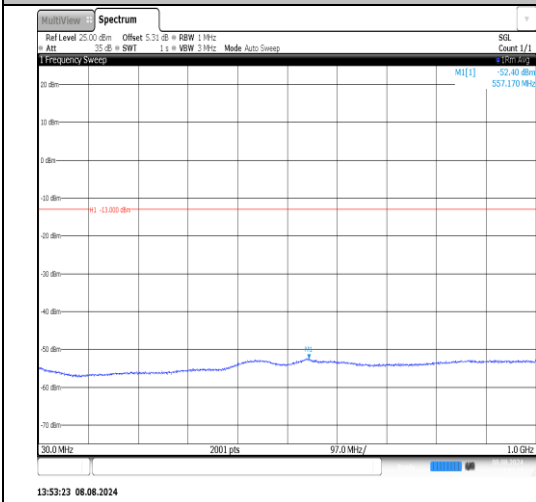
Rel99:





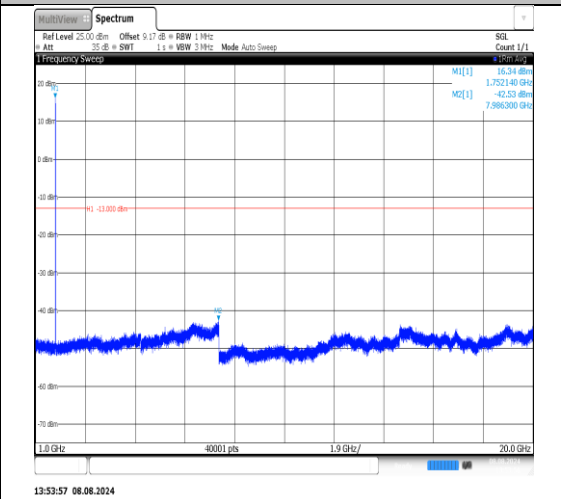
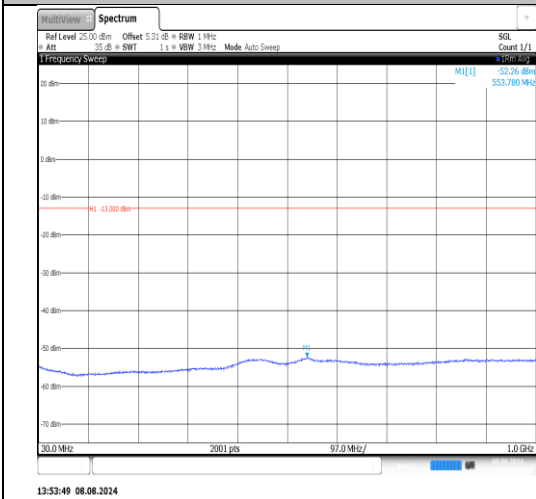
Band4-1413-30~1000MHz-PASS

Band4-1413-1000~20000MHz-PASS



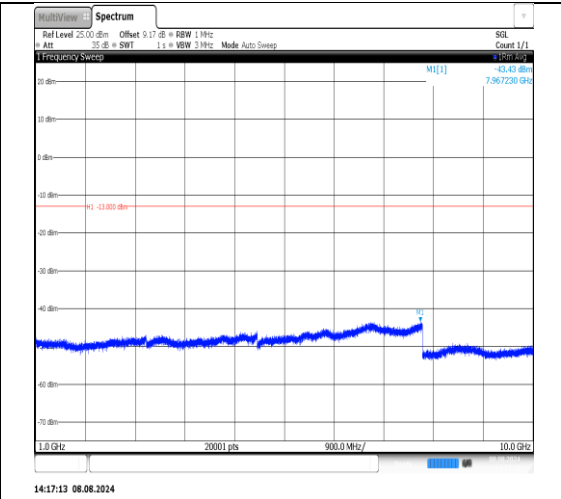
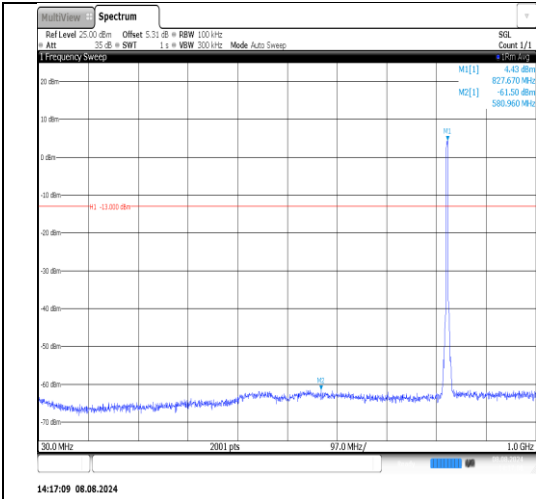
Band4-1513-30~1000MHz-PASS

Band4-1513-1000~20000MHz-PASS



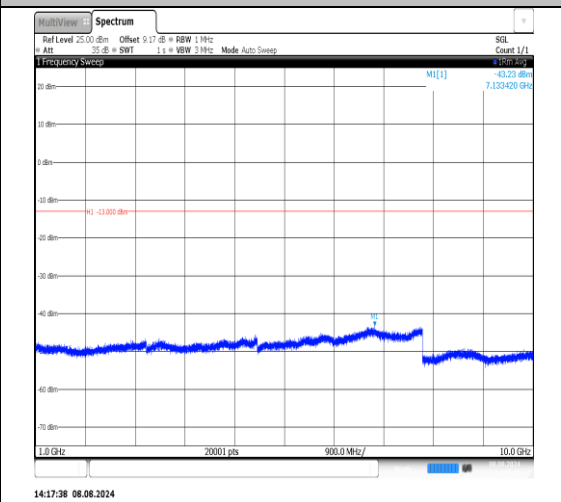
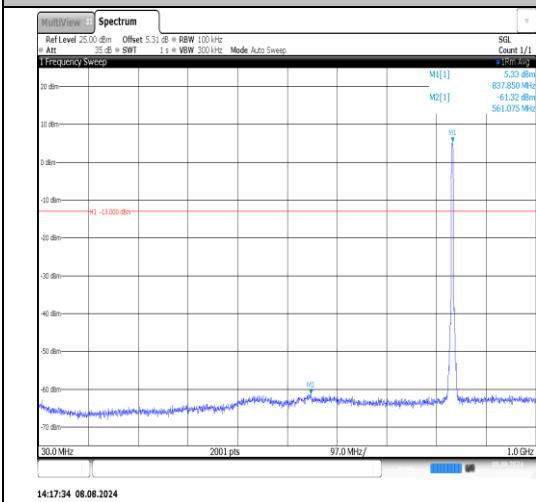
Band5-4132-30~1000MHz-PASS

Band5-4132-1000~10000MHz-PASS



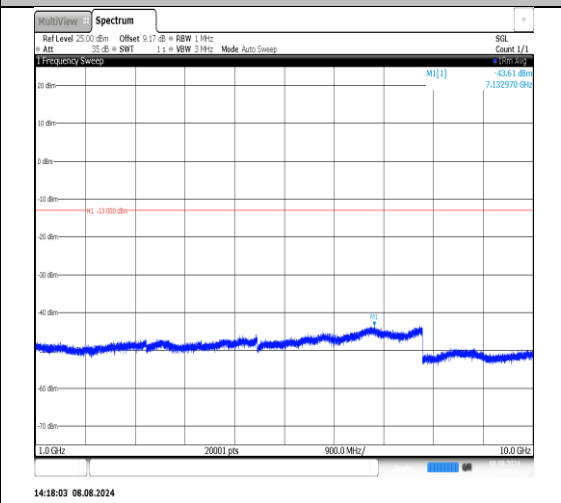
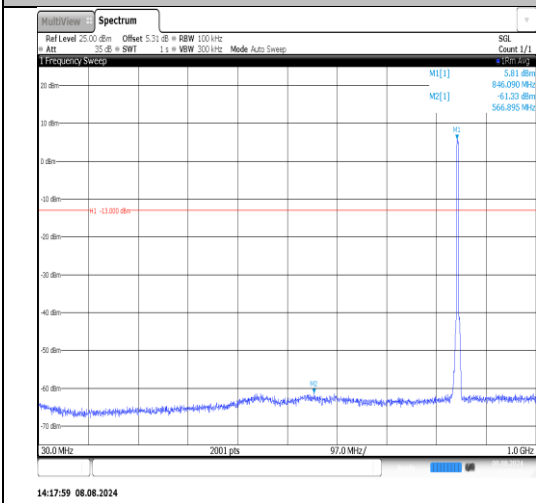
Band5-4183-30~1000MHz-PASS

Band5-4183-1000~10000MHz-PASS



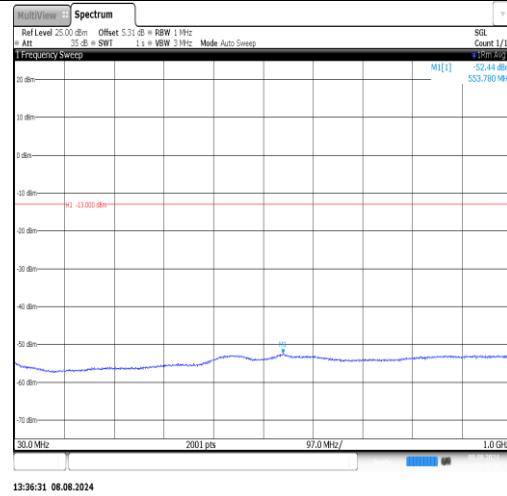
Band5-4233-30~1000MHz-PASS

Band5-4233-1000~10000MHz-PASS

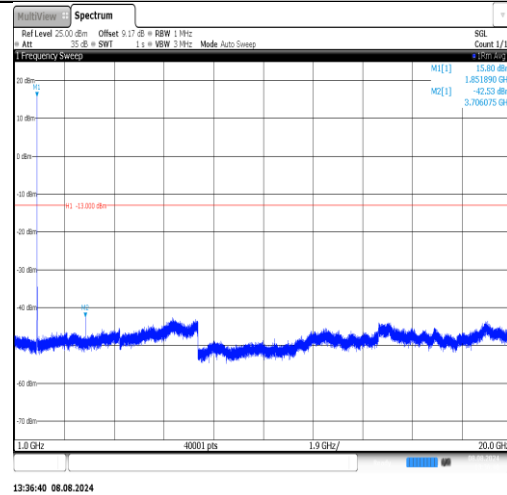


HSDPA:

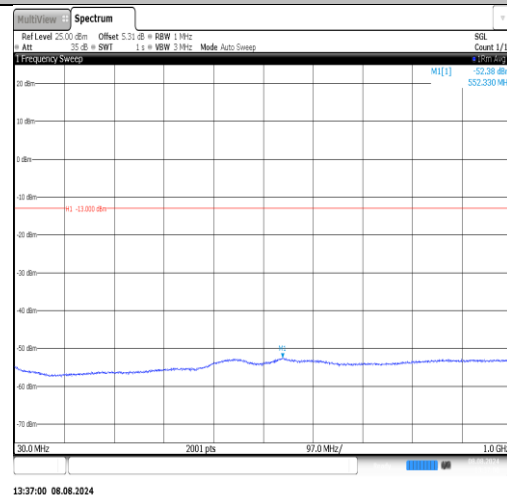
Band2-9262-4-30~1000MHz-PASS



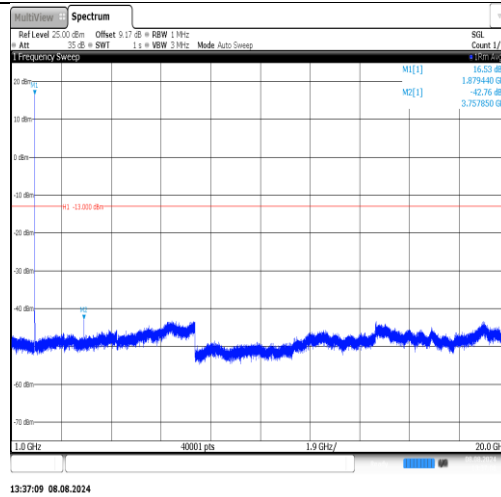
Band2-9262-4-1000~20000MHz-PASS



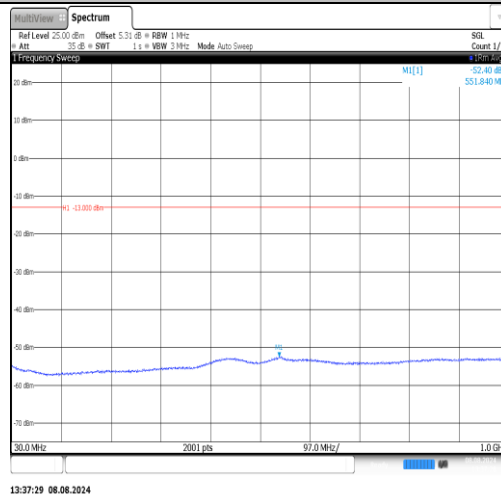
Band2-9400-4-30~1000MHz-PASS



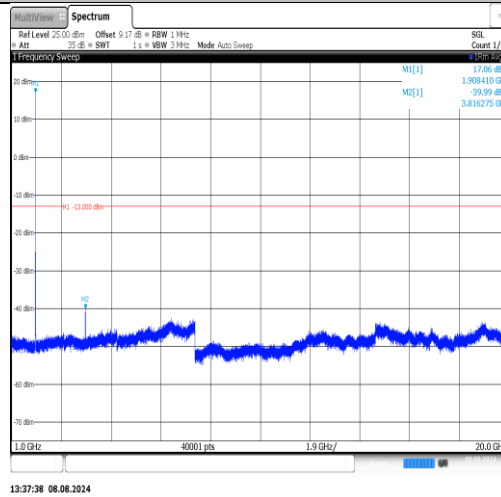
Band2-9400-4-1000~20000MHz-PASS



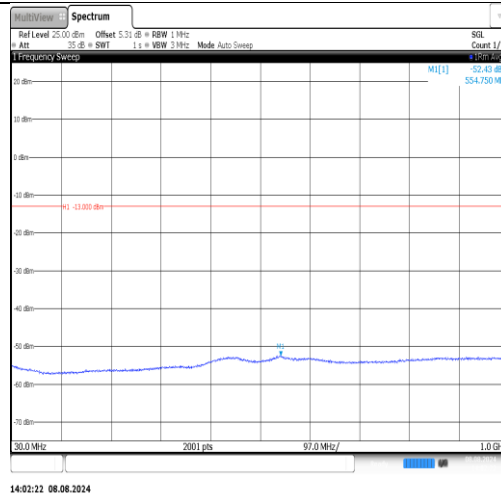
Band2-9538-4-30~1000MHz-PASS



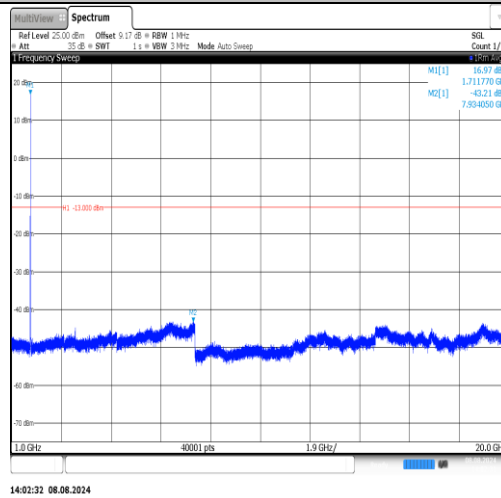
Band2-9538-4-1000~20000MHz-PASS



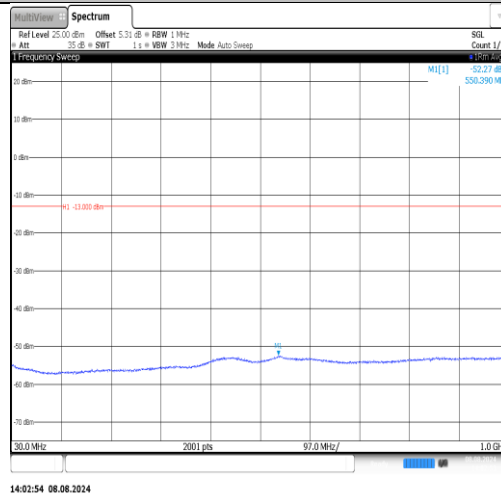
Band4-1312-4-30~1000MHz-PASS



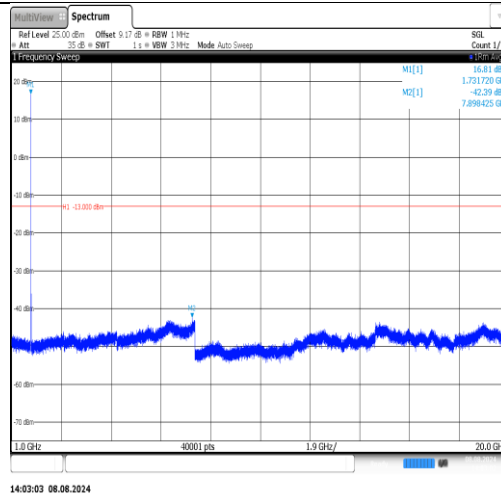
Band4-1312-4-1000~20000MHz-PASS



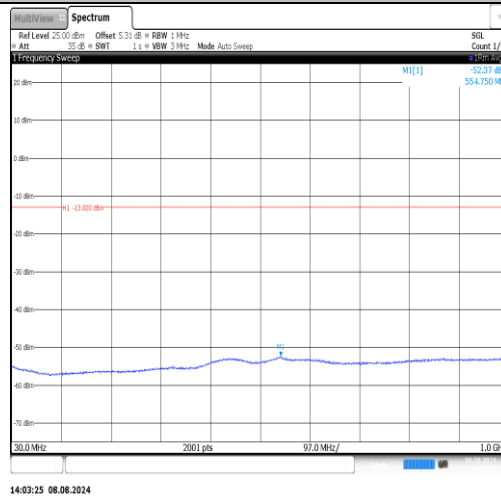
Band4-1413-4-30~1000MHz-PASS



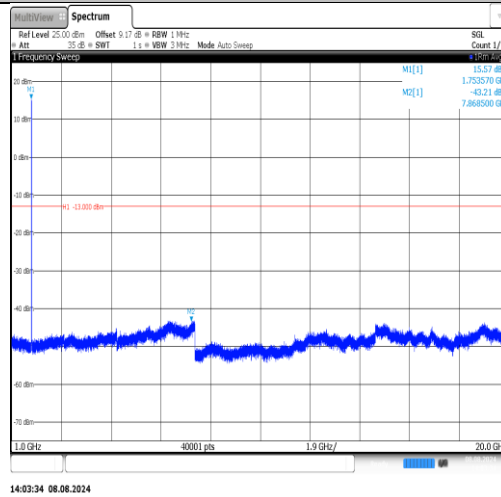
Band4-1413-4-1000~20000MHz-PASS



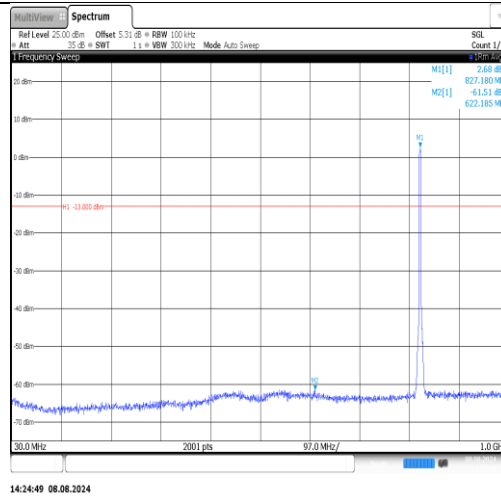
Band4-1513-4-30~1000MHz-PASS



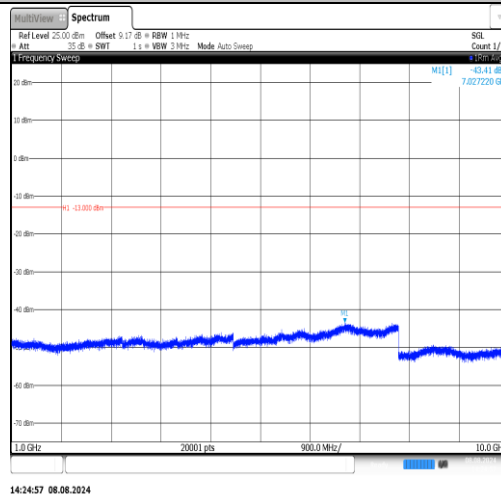
Band4-1513-4-1000~20000MHz-PASS



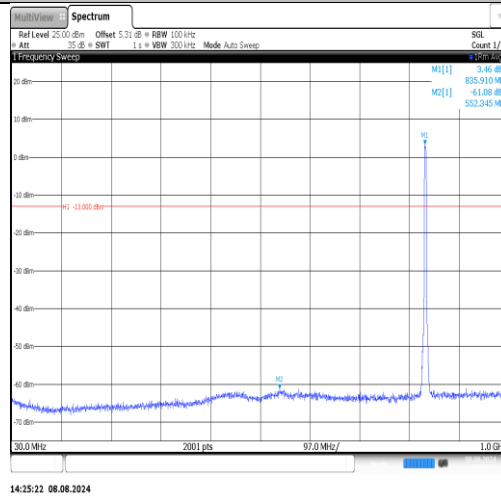
Band5-4132-4-30~1000MHz-PASS



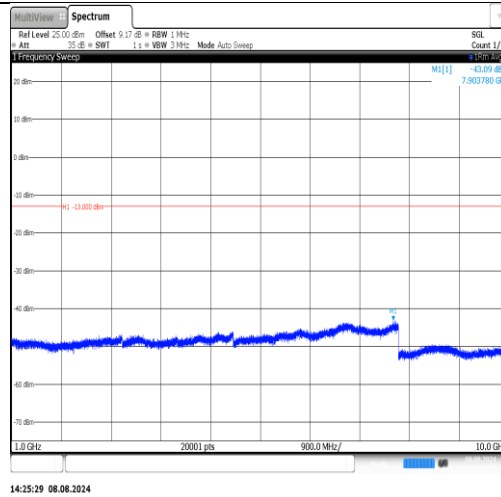
Band5-4132-4-1000~10000MHz-PASS



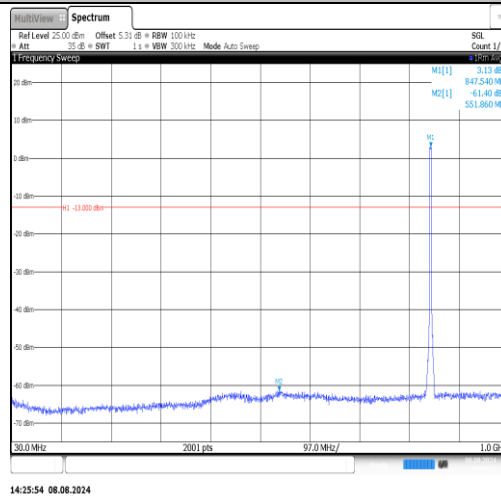
Band5-4183-4-30~1000MHz-PASS



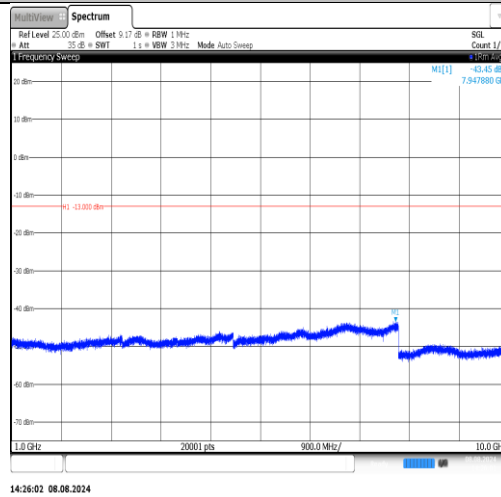
Band5-4183-4-1000~10000MHz-PASS



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

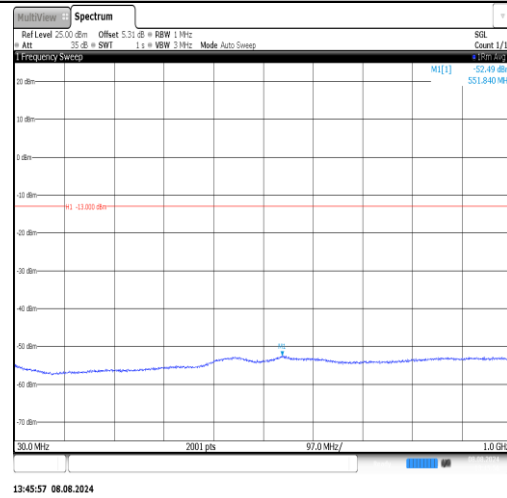


Band5-4233-4-1000~10000MHz-PASS

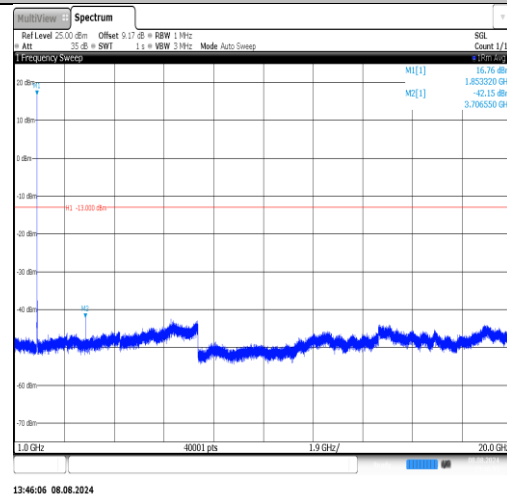


HSUPA:

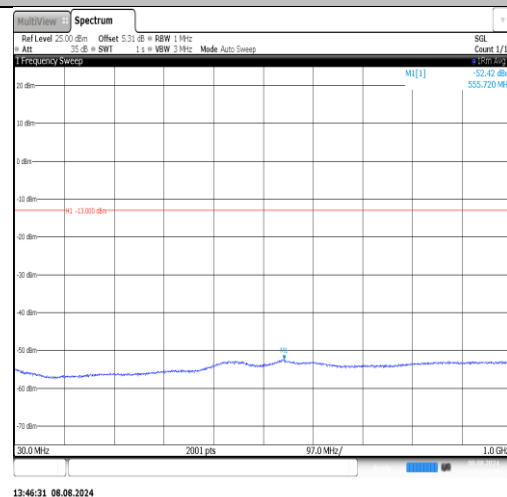
Band2-9262-5-30~1000MHz-PASS



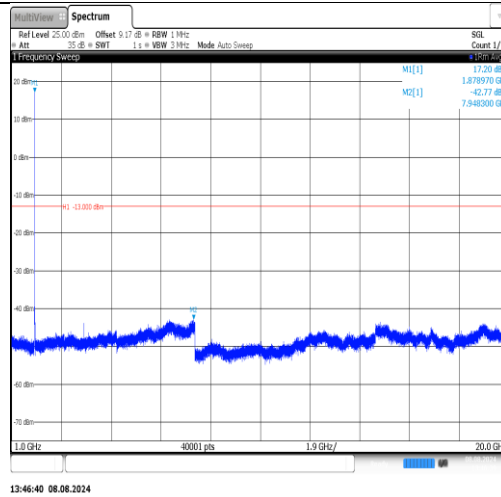
Band2-9262-5-1000~20000MHz-PASS



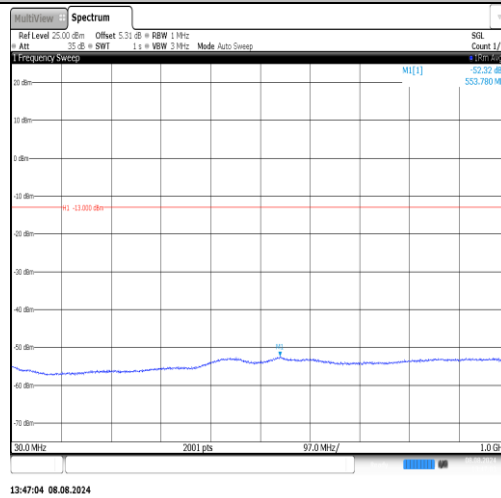
Band2-9400-5-30~1000MHz-PASS



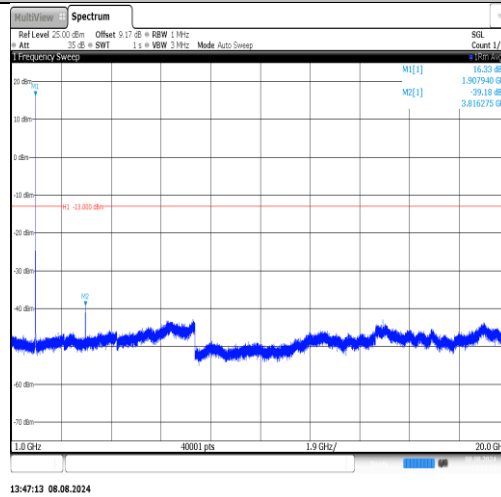
Band2-9400-5-1000~20000MHz-PASS



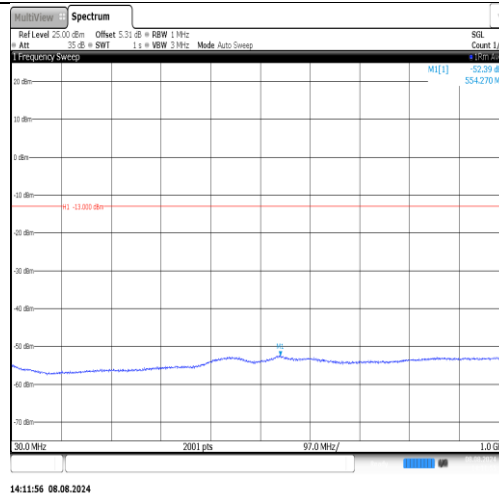
Band2-9538-5-30~1000MHz-PASS



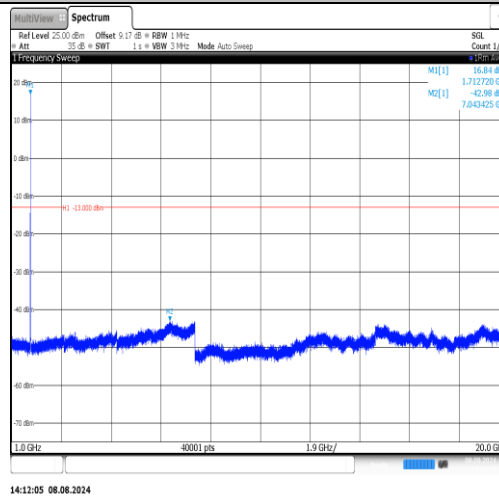
Band2-9538-5-1000~20000MHz-PASS



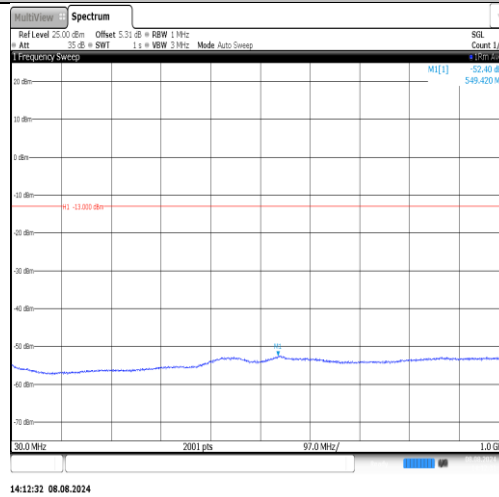
Band4-1312-5-30~1000MHz-PASS



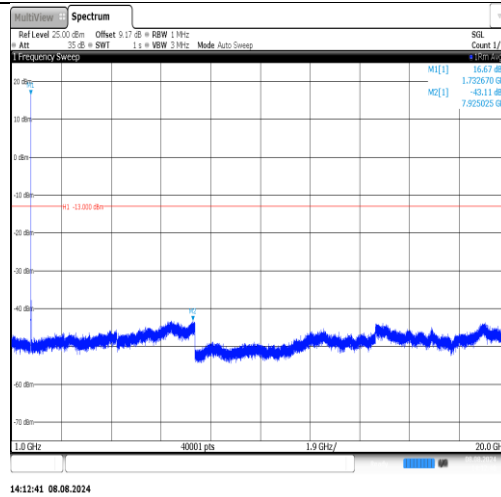
Band4-1312-5-1000~20000MHz-PASS



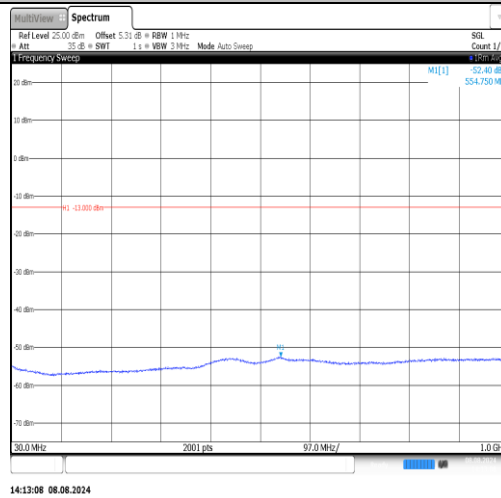
Band4-1413-5-30~1000MHz-PASS



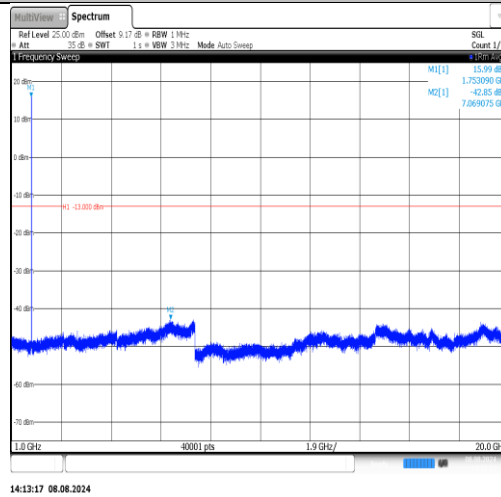
Band4-1413-5-1000~20000MHz-PASS



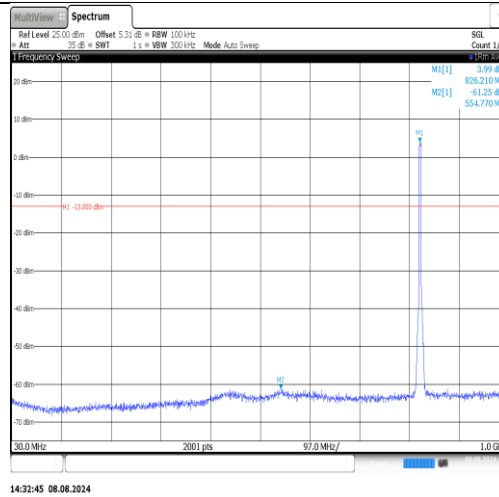
Band4-1513-5-30~1000MHz-PASS



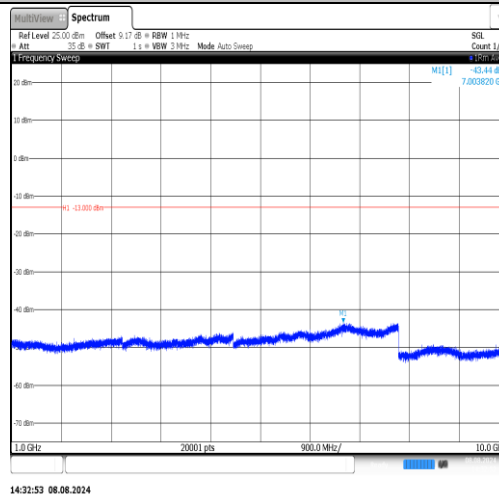
Band4-1513-5-1000~20000MHz-PASS



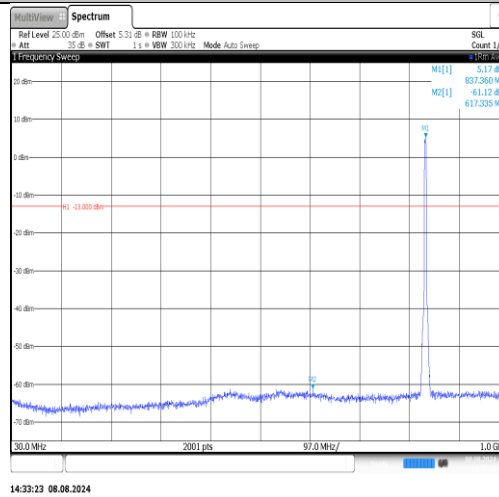
Band5-4132-5-30~1000MHz-PASS



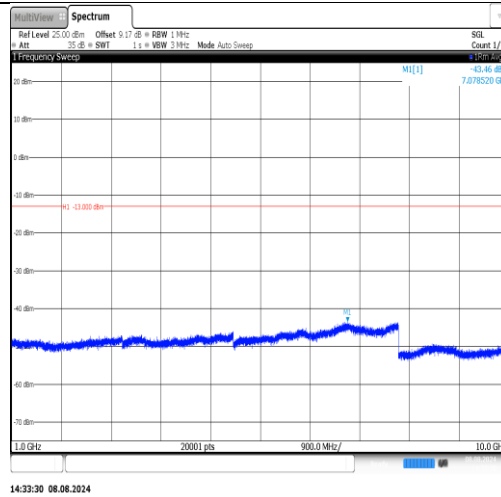
Band5-4132-5-1000~10000MHz-PASS



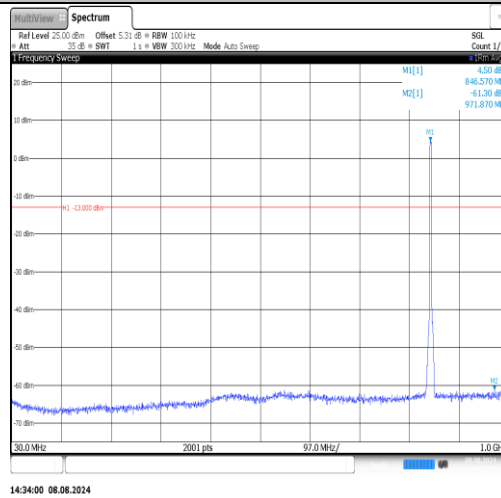
Band5-4183-5-30~1000MHz-PASS



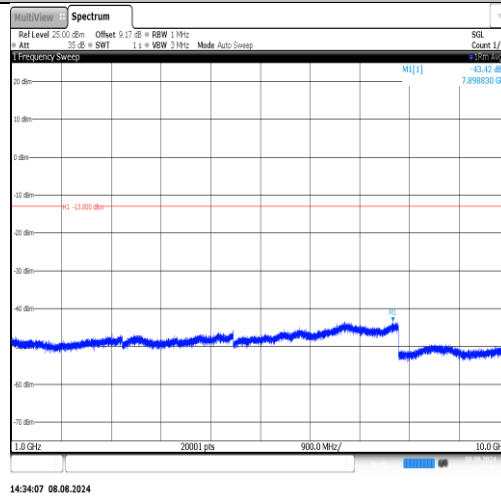
Band5-4183-5-1000~10000MHz-PASS



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



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



AppendixF:Frequency Stability

Test Result

Rel99:

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9400	VN	NT	-1800.00	-0.957447	±2.5	PASS
Band2	9400	VL	NT	-650.00	-0.345745	±2.5	PASS
Band2	9400	VH	NT	4100.00	2.180851	±2.5	PASS
Band4	1413	VN	NT	2500.00	1.442918	±2.5	PASS
Band4	1413	VL	NT	1600.00	0.923468	±2.5	PASS
Band4	1413	VH	NT	-650.00	-0.375159	±2.5	PASS
Band5	4183	VN	NT	-999	-1.194119	±2.5	PASS
Band5	4183	VL	NT	-999	-1.194119	±2.5	PASS
Band5	4183	VH	NT	-999	-1.194119	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9400	NV	-30	550.00	0.292553	±2.5	PASS
Band2	9400	NV	-20	-3900.00	-2.074468	±2.5	PASS
Band2	9400	NV	-10	-1750.00	-0.930851	±2.5	PASS
Band2	9400	NV	0	350.00	0.186170	±2.5	PASS
Band2	9400	NV	10	-2150.00	-1.143617	±2.5	PASS
Band2	9400	NV	20	-1450.00	-0.771277	±2.5	PASS
Band2	9400	NV	30	-600.00	-0.319149	±2.5	PASS
Band2	9400	NV	40	600.00	0.319149	±2.5	PASS
Band2	9400	NV	50	1550.00	0.824468	±2.5	PASS
Band4	1413	NV	-30	2050.00	1.183193	±2.5	PASS
Band4	1413	NV	-20	3250.00	1.875794	±2.5	PASS
Band4	1413	NV	-10	3950.00	2.279811	±2.5	PASS
Band4	1413	NV	0	2300.00	1.327485	±2.5	PASS
Band4	1413	NV	10	1750.00	1.010043	±2.5	PASS
Band4	1413	NV	20	1650.00	0.952326	±2.5	PASS
Band4	1413	NV	30	900.00	0.519451	±2.5	PASS
Band4	1413	NV	40	1900.00	1.096618	±2.5	PASS
Band4	1413	NV	50	150.00	0.086575	±2.5	PASS
Band5	4183	NV	-30	-999	-1.194119	±2.5	PASS
Band5	4183	NV	-20	-999	-1.194119	±2.5	PASS
Band5	4183	NV	-10	-999	-1.194119	±2.5	PASS
Band5	4183	NV	0	-999	-1.194119	±2.5	PASS

Band5	4183	NV	10	-999	-1.194119	±2.5	PASS
Band5	4183	NV	20	-999	-1.194119	±2.5	PASS
Band5	4183	NV	30	-999	-1.194119	±2.5	PASS
Band5	4183	NV	40	-999	-1.194119	±2.5	PASS
Band5	4183	NV	50	-999	-1.194119	±2.5	PASS