
Peak-to-Average Ratio

Test Result

Rel99:

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9400	3.48	13	PASS
Band4	1413	3.38	13	PASS
Band5	4182	2.8	13	PASS

HSDPA:

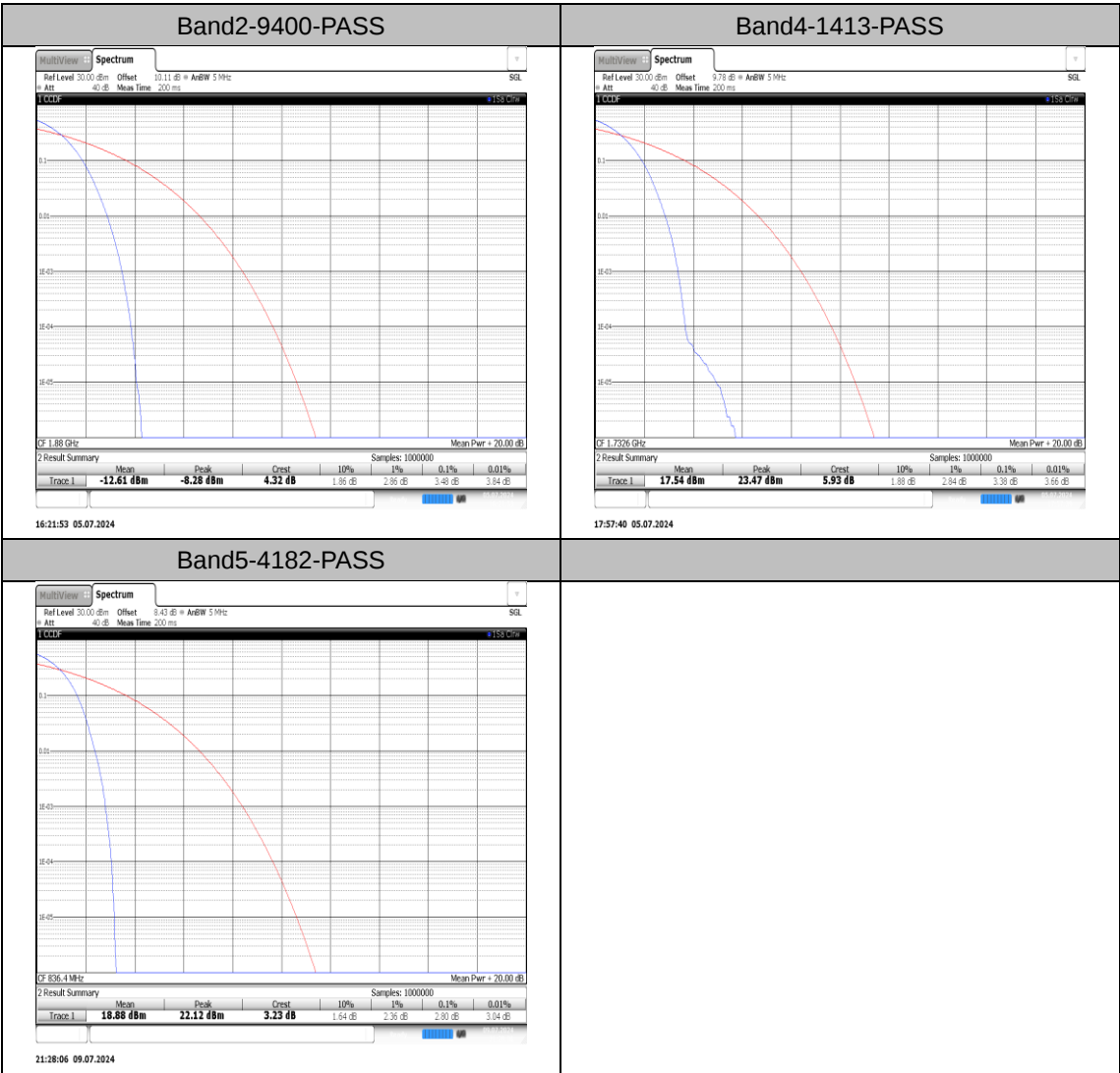
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9400	4	4.26	13	PASS
Band4	1413	4	4.08	13	PASS
Band5	4182	4	3.86	13	PASS

HSUPA:

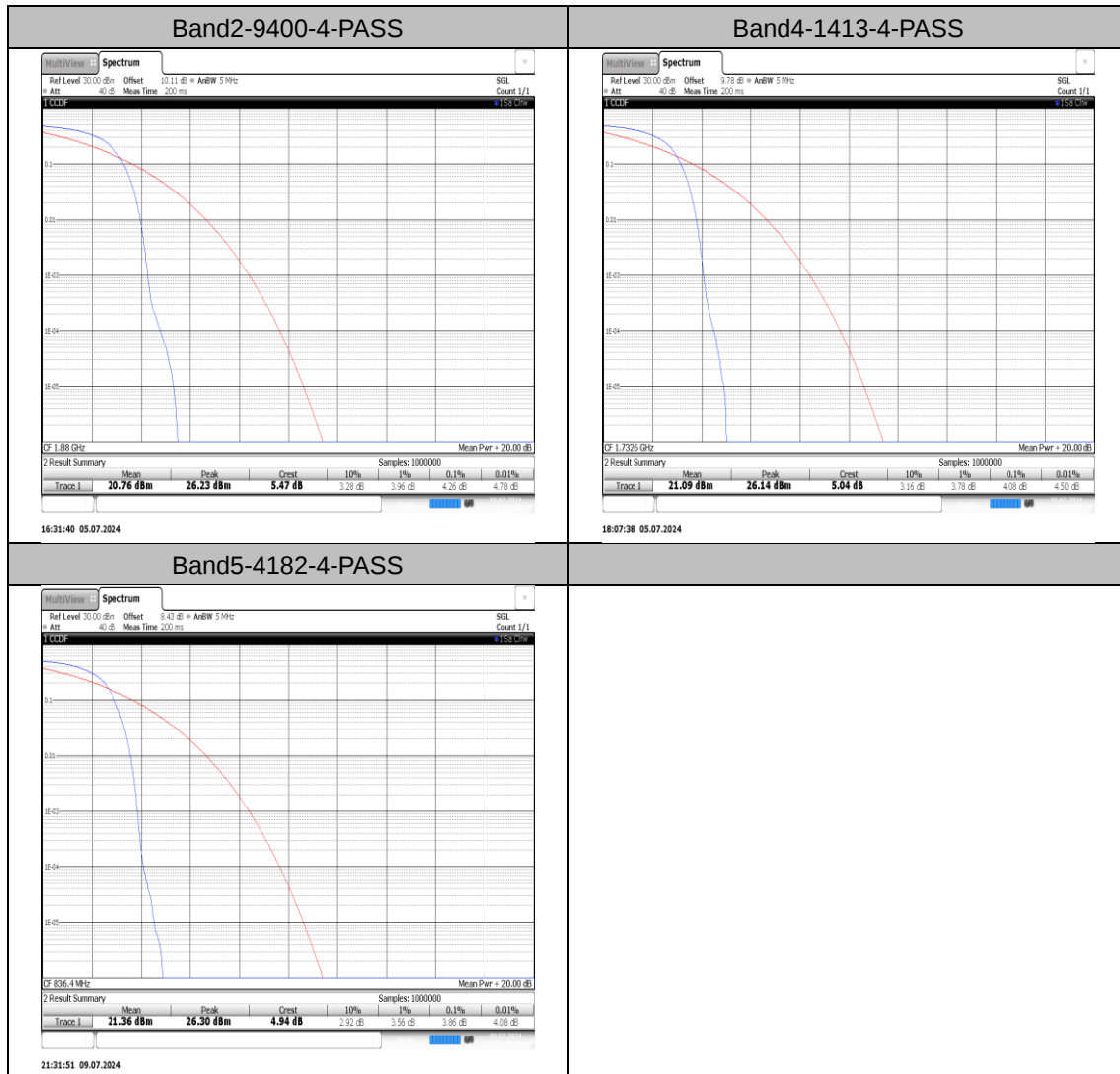
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9400	5	3.98	13	PASS
Band4	1413	5	3.74	13	PASS
Band5	4182	5	3.52	13	PASS

Test Graphs

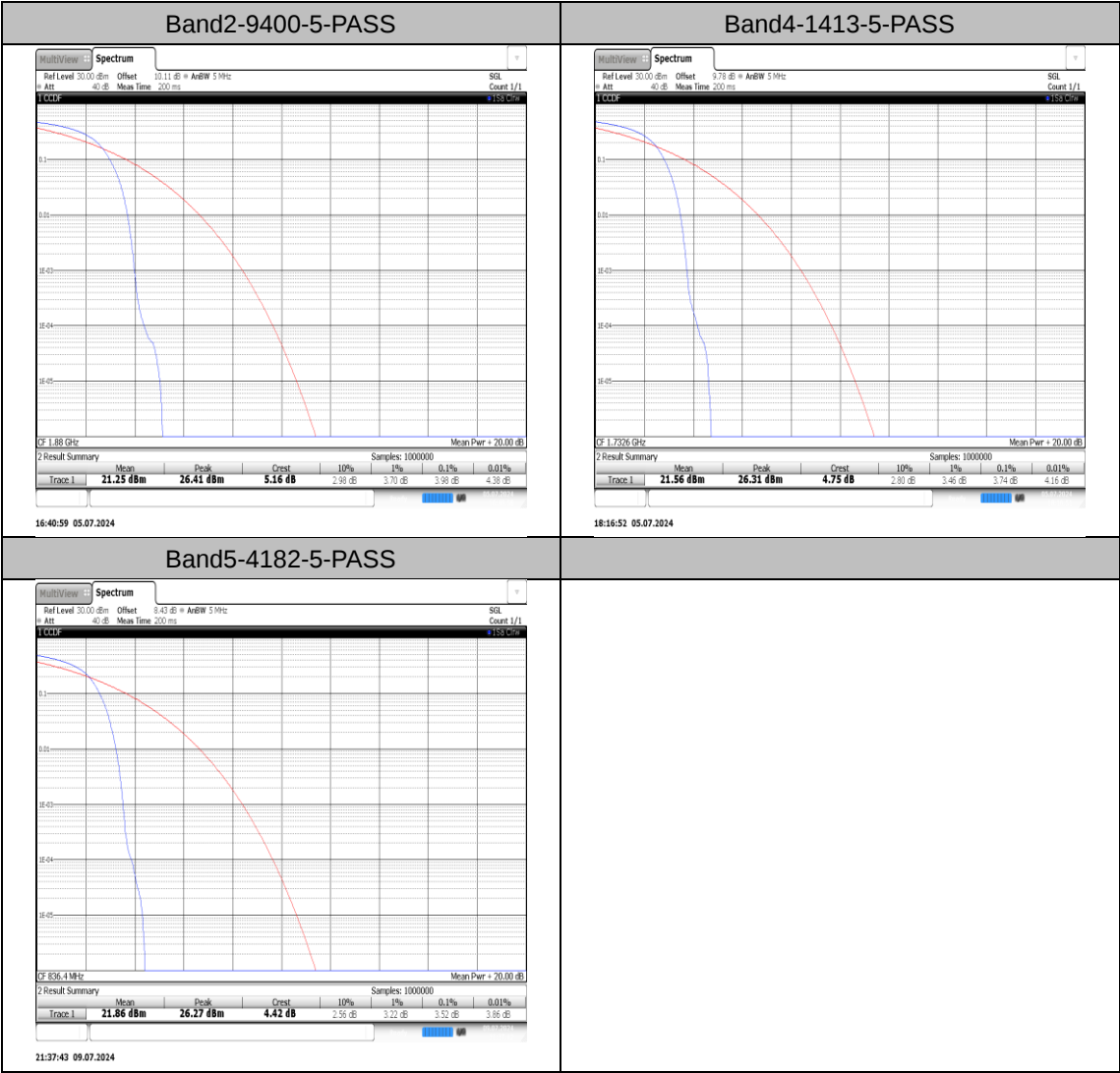
Rel99:



HSDPA:



HSUPA:



26dB Bandwidth and Occupied Bandwidth

Test Result

Rel99:

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9400	4.168	4.71	---	PASS
Band4	1413	4.163	4.71	---	PASS
Band5	4182	4.167	4.73	---	PASS

HSDPA:

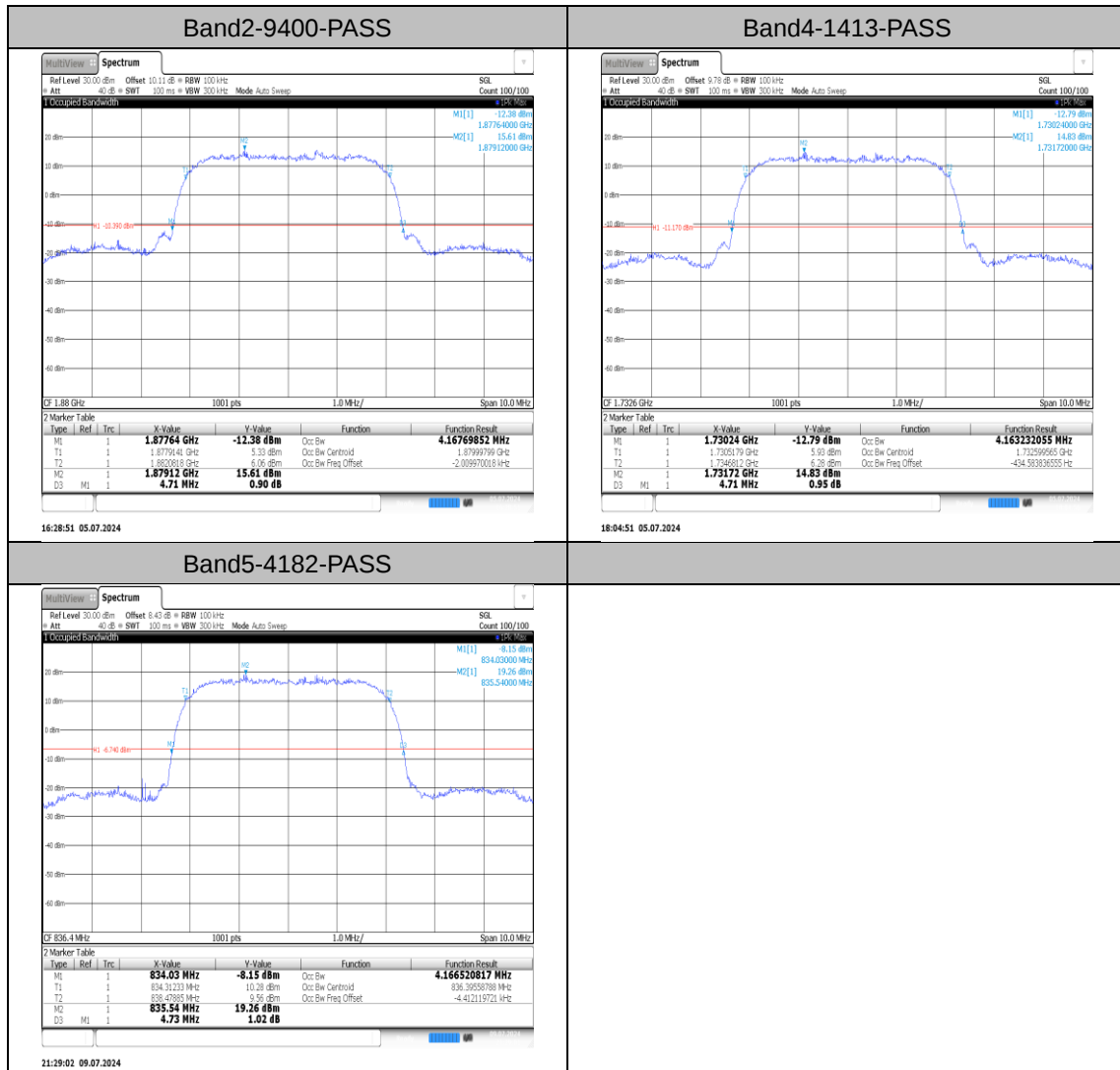
Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9400	4	4.218	4.80	---	PASS
Band4	1413	4	4.185	4.76	---	PASS
Band5	4182	4	4.184	4.73	---	PASS

HSUPA:

Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9400	5	4.214	4.82	---	PASS
Band4	1413	5	4.180	4.74	---	PASS
Band5	4182	5	4.175	4.75	---	PASS

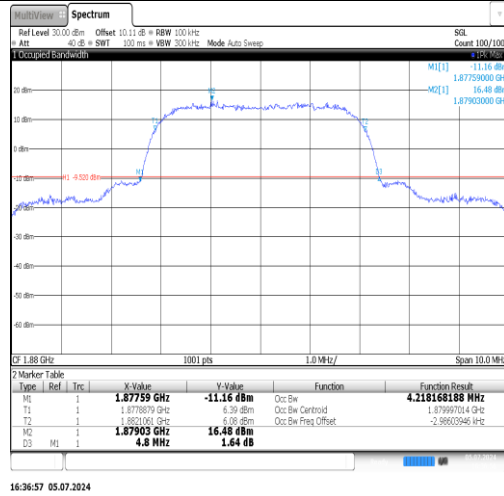
Test Graphs

Rel99:

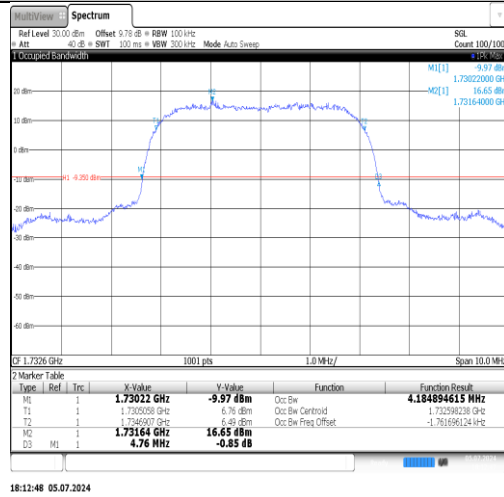


HSDPA:

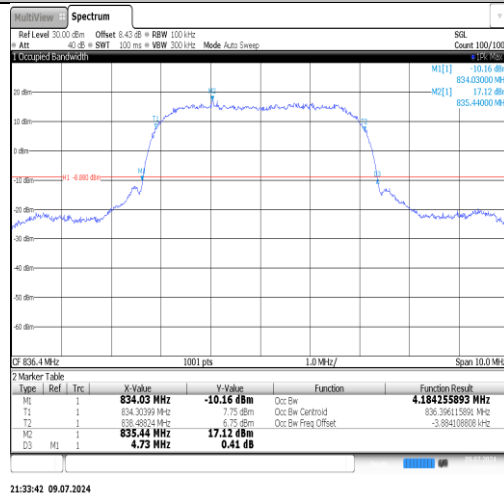
Band2-9400-4-PASS



Band4-1413-4-PASS

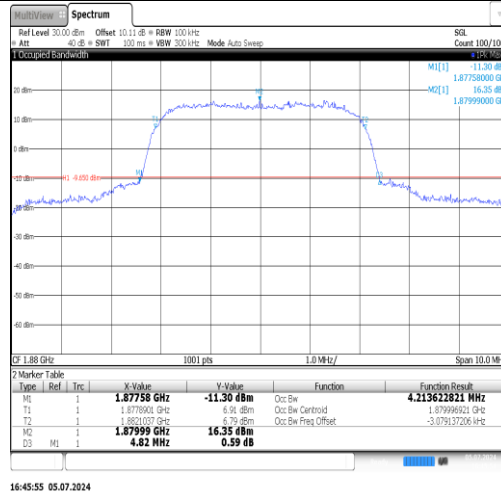


Band5-4182-4-PASS

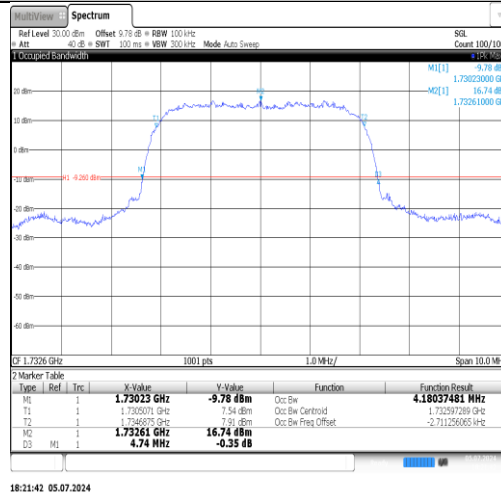


HSUPA:

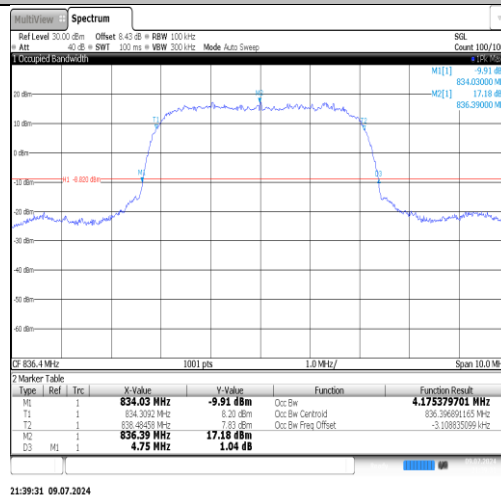
Band2-9400-5-PASS



Band4-1413-5-PASS



Band5-4182-5-PASS



Band Edge

Test Result

Rel99:

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1849.88	-21.90	-13	PASS
Band2	9538	1910.10	-22.78	-13	PASS
Band4	1312	1709.89	-27.26	-13	PASS
Band4	1513	1755.12	-29.43	-13	PASS
Band5	4132	824.00	-28.97	-13	PASS
Band5	4233	849.00	-26.93	-13	PASS

HSDPA:

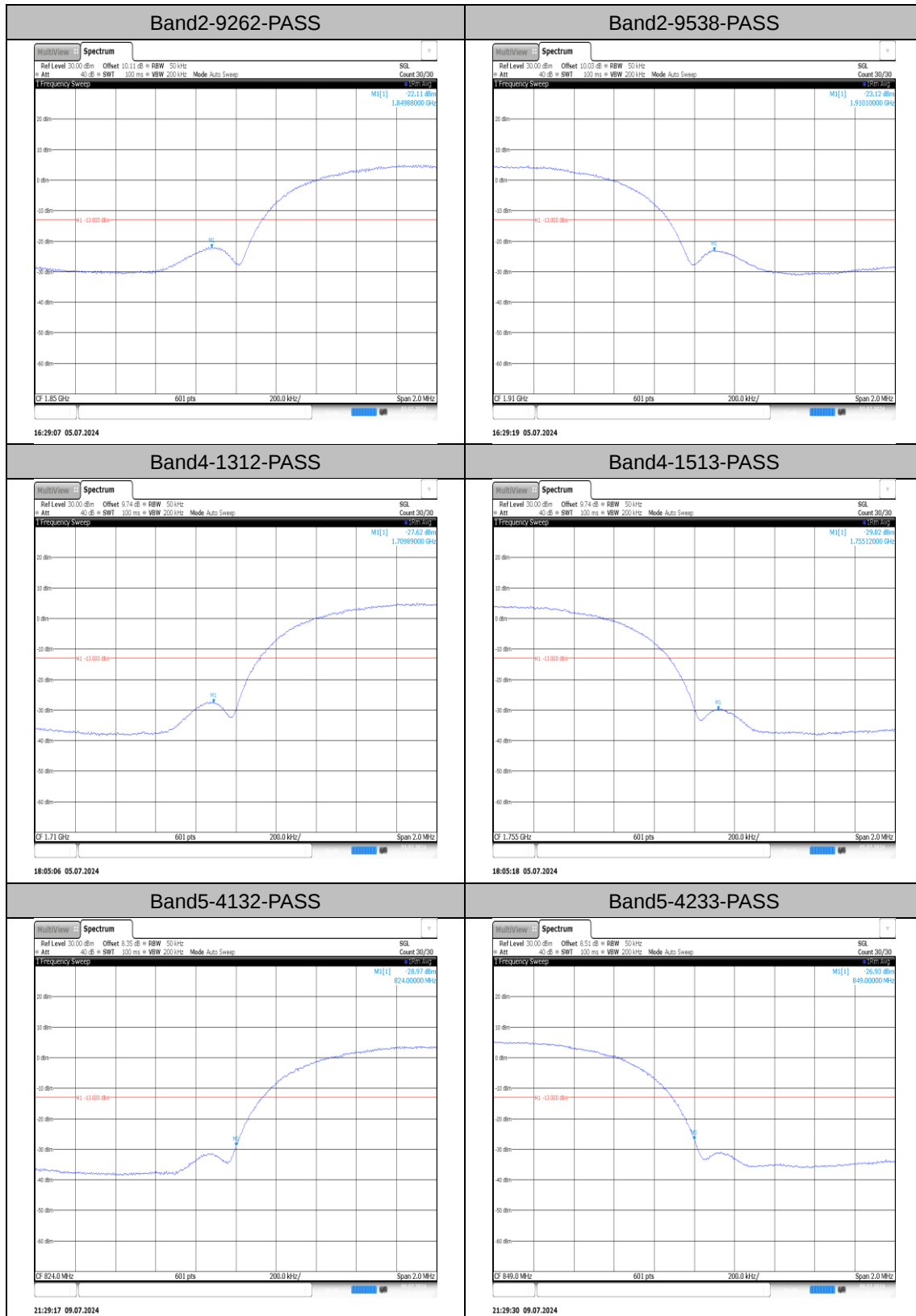
Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	4	1850.00	-23.32	-13	PASS
Band2	9538	4	1910.00	-22.03	-13	PASS
Band4	1312	4	1710.00	-27.73	-13	PASS
Band4	1513	4	1755.00	-29.66	-13	PASS
Band5	4132	4	823.87	-26.03	-13	PASS
Band5	4233	4	849.12	-23.63	-13	PASS

HSUPA:

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	5	1849.89	-23.75	-13	PASS
Band2	9538	5	1910.00	-23.43	-13	PASS
Band4	1312	5	1709.87	-28.22	-13	PASS
Band4	1513	5	1755.12	-29.31	-13	PASS
Band5	4132	5	823.89	-28.54	-13	PASS
Band5	4233	5	849.11	-26.03	-13	PASS

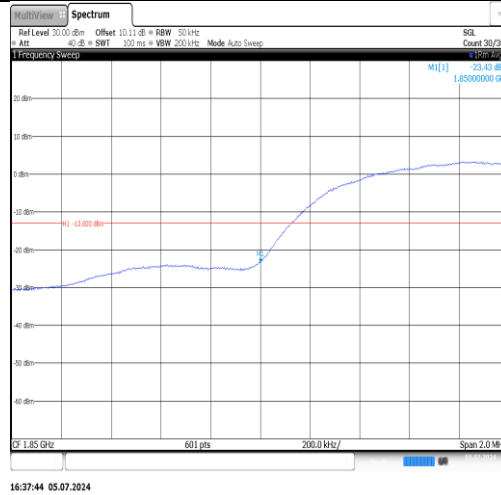
Test Graphs

Rel99:

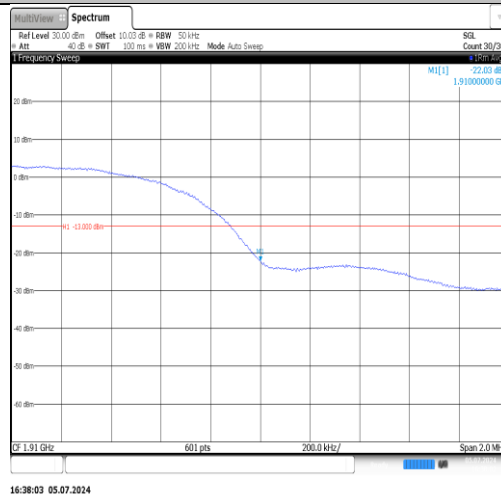


HSDPA:

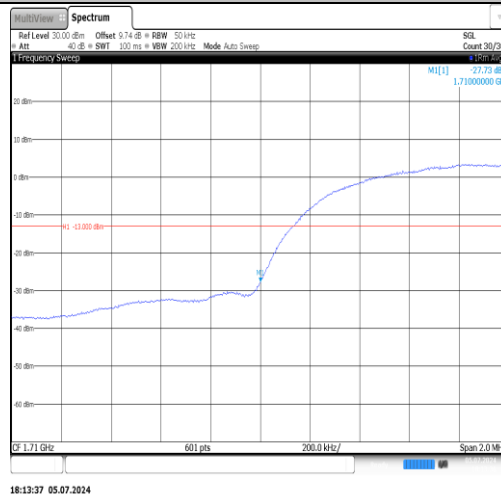
Band2-9262-4-PASS



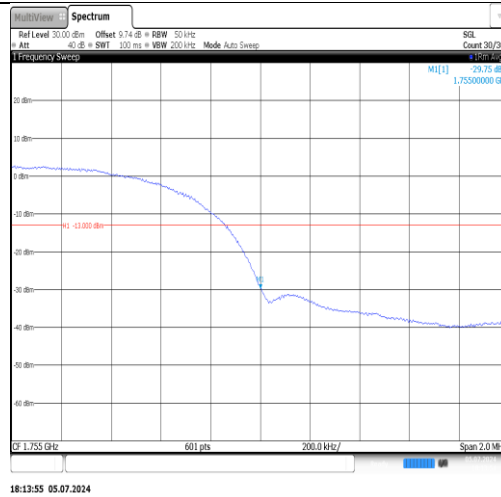
Band2-9538-4-PASS



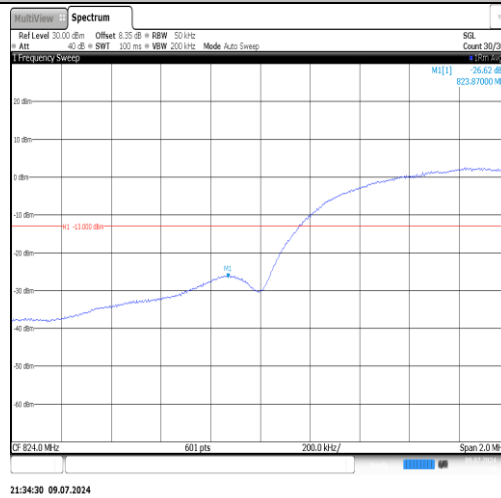
Band4-1312-4-PASS



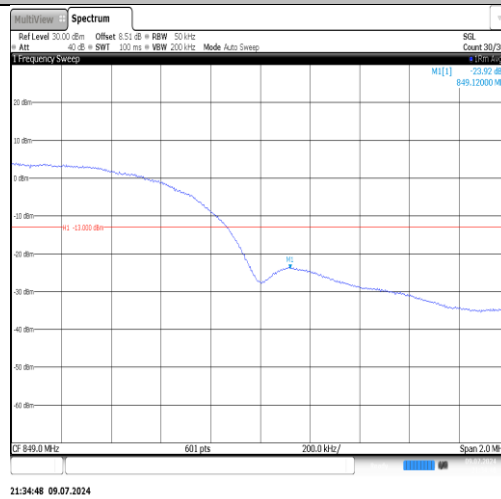
Band4-1513-4-PASS



Band5-4132-4-PASS

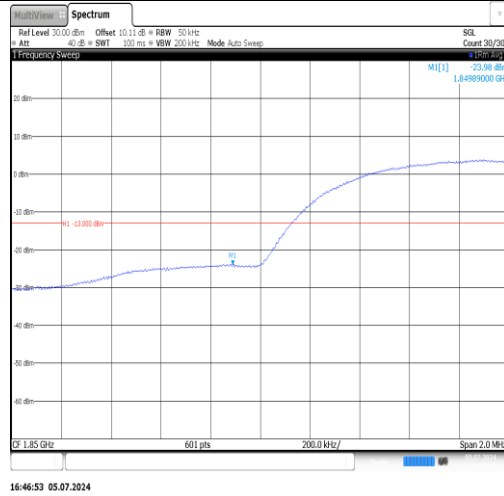


Band5-4233-4-PASS

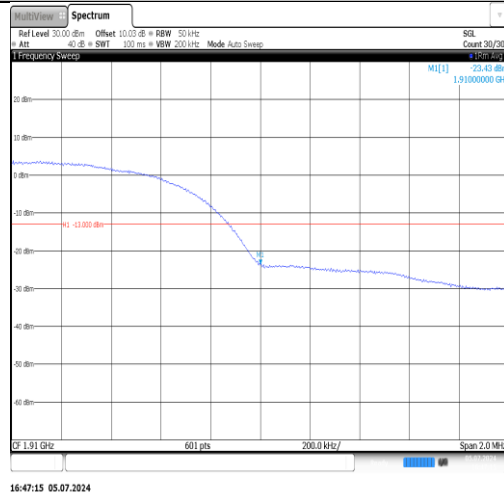


HSUPA:

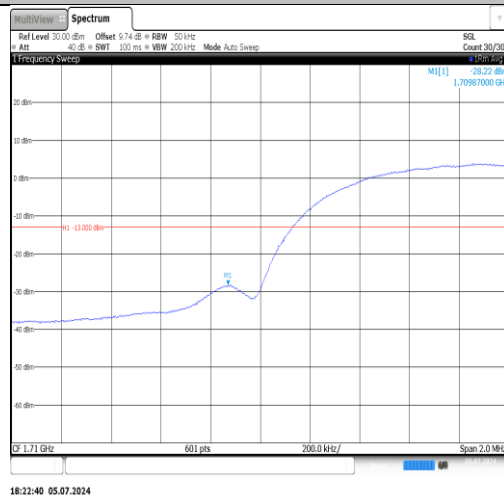
Band2-9262-5-PASS



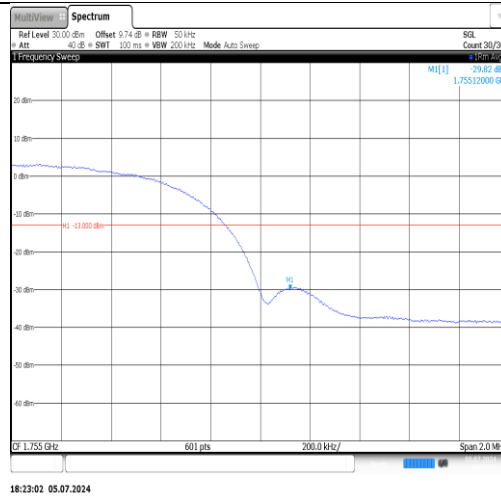
Band2-9538-5-PASS



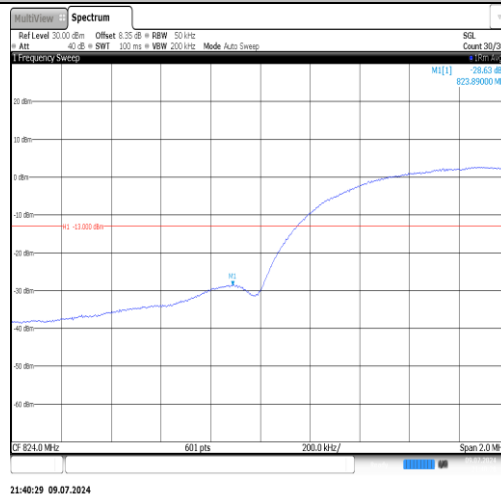
Band4-1312-5-PASS



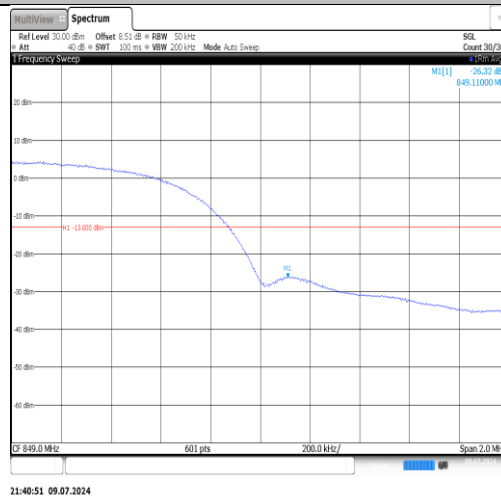
Band4-1513-5-PASS



Band5-4132-5-PASS



Band5-4233-5-PASS



Conducted SpuriousEmission

Test Result

Rel99:

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	30~1000MHz	555.72	-52.54	-13	PASS
Band2	9262	1000~20000MHz	7931.2	-42.88	-13	PASS
Band2	9400	30~1000MHz	555.23	-52.77	-13	PASS
Band2	9400	1000~20000MHz	19012	-43.17	-13	PASS
Band2	9538	30~1000MHz	553.78	-52.58	-13	PASS
Band2	9538	1000~20000MHz	7158.85	-42.52	-13	PASS
Band4	1312	30~1000MHz	553.78	-52.72	-13	PASS
Band4	1312	1000~20000MHz	7049.13	-43.07	-13	PASS
Band4	1413	30~1000MHz	554.75	-52.73	-13	PASS
Band4	1413	1000~20000MHz	7085.23	-42.97	-13	PASS
Band4	1513	30~1000MHz	552.81	-52.62	-13	PASS
Band4	1513	1000~20000MHz	7054.83	-42.72	-13	PASS
Band5	4132	30~1000MHz	589.21	-61.82	-13	PASS
Band5	4132	1000~10000MHz	7087.52	-43.45	-13	PASS
Band5	4182	30~1000MHz	554.29	-60.88	-13	PASS
Band5	4182	1000~10000MHz	7936.18	-43.6	-13	PASS
Band5	4233	30~1000MHz	610.06	-61.81	-13	PASS
Band5	4233	1000~10000MHz	7037.12	-43.48	-13	PASS

HSDPA:

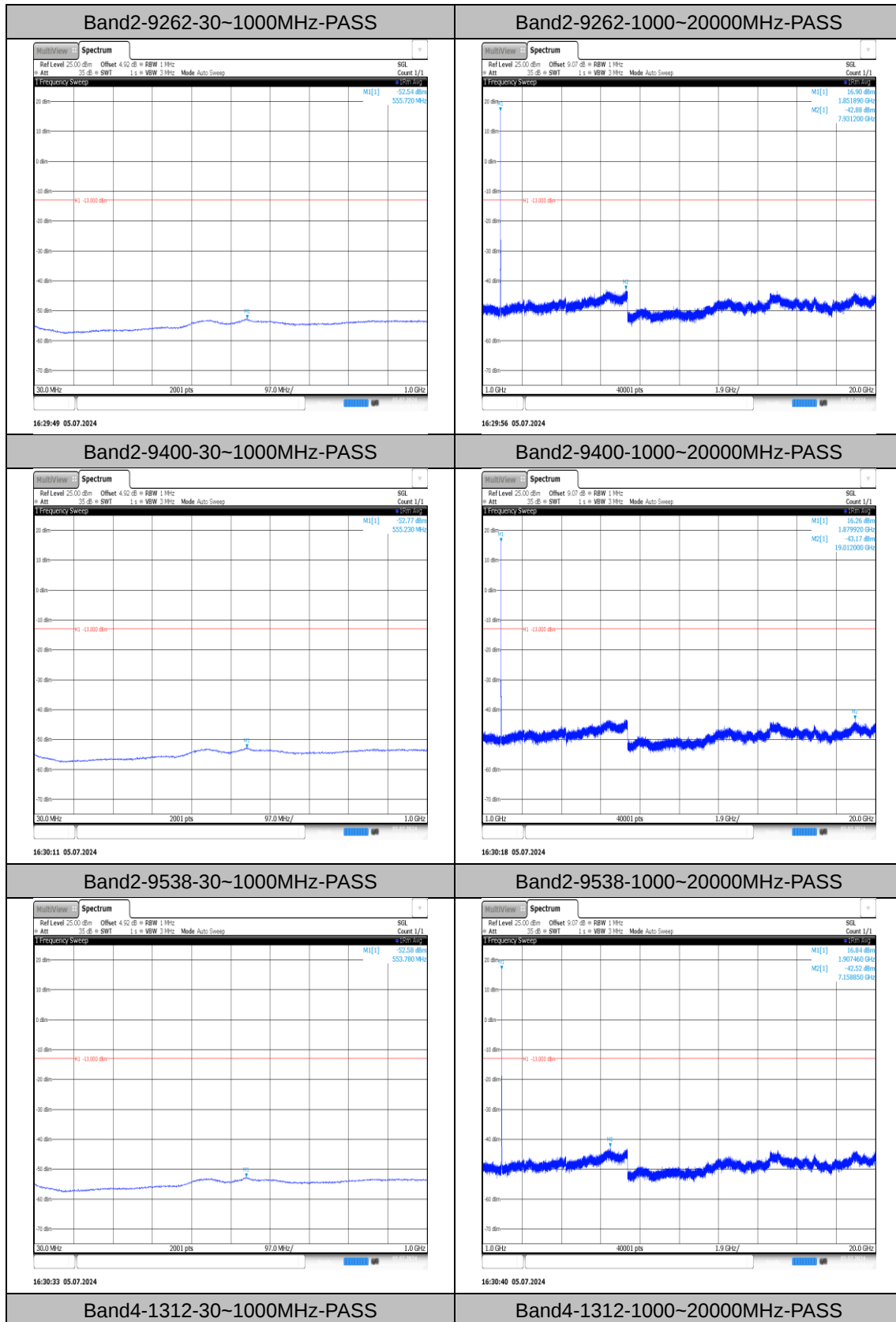
Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	4	30~1000MHz	552.81	-52.8	-13	PASS
Band2	9262	4	1000~20000MHz	19007.25	-42.89	-13	PASS
Band2	9400	4	30~1000MHz	553.3	-52.77	-13	PASS
Band2	9400	4	1000~20000MHz	7118.48	-43.2	-13	PASS
Band2	9538	4	30~1000MHz	551.84	-52.72	-13	PASS
Band2	9538	4	1000~20000MHz	7915.05	-42.98	-13	PASS
Band4	1312	4	30~1000MHz	552.81	-52.77	-13	PASS
Band4	1312	4	1000~20000MHz	7922.18	-42.8	-13	PASS
Band4	1413	4	30~1000MHz	554.75	-52.8	-13	PASS
Band4	1413	4	1000~20000MHz	7984.4	-43.07	-13	PASS
Band4	1513	4	30~1000MHz	552.81	-52.62	-13	PASS
Band4	1513	4	1000~20000MHz	7039.63	-42.88	-13	PASS
Band5	4132	4	30~1000MHz	984	-61.72	-13	PASS
Band5	4132	4	1000~10000MHz	7106.87	-43.35	-13	PASS

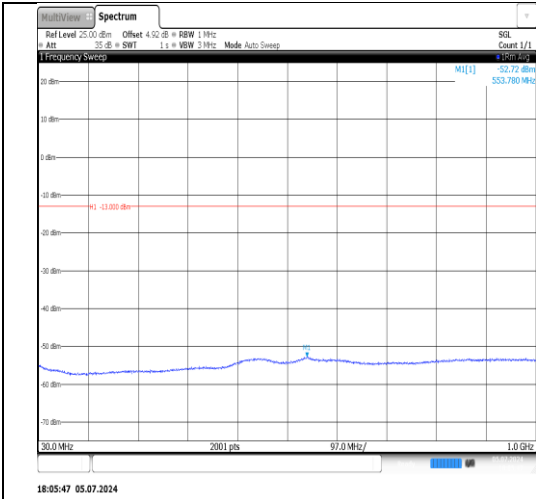
Band5	4182	4	30~1000MHz	558.17	-61.8	-13	PASS
Band5	4182	4	1000~10000MHz	7157.72	-43.58	-13	PASS
Band5	4233	4	30~1000MHz	563.5	-61.78	-13	PASS
Band5	4233	4	1000~10000MHz	7973.08	-43.39	-13	PASS

HSUPA:

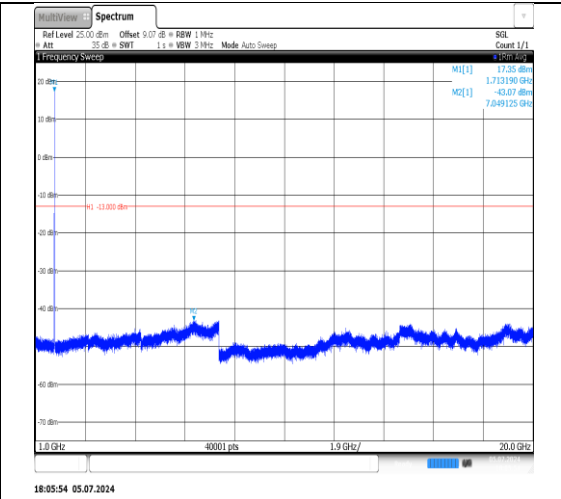
Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	5	30~1000MHz	554.27	-52.52	-13	PASS
Band2	9262	5	1000~20000MHz	6975.03	-43.26	-13	PASS
Band2	9400	5	30~1000MHz	552.33	-52.56	-13	PASS
Band2	9400	5	1000~20000MHz	7925.5	-42.65	-13	PASS
Band2	9538	5	30~1000MHz	553.78	-52.75	-13	PASS
Band2	9538	5	1000~20000MHz	7915.53	-43.31	-13	PASS
Band4	1312	5	30~1000MHz	555.72	-52.76	-13	PASS
Band4	1312	5	1000~20000MHz	7156	-43.14	-13	PASS
Band4	1413	5	30~1000MHz	551.84	-52.8	-13	PASS
Band4	1413	5	1000~20000MHz	7127.98	-42.88	-13	PASS
Band4	1513	5	30~1000MHz	554.75	-52.65	-13	PASS
Band4	1513	5	1000~20000MHz	6988.33	-42.9	-13	PASS
Band5	4132	5	30~1000MHz	938.89	-61.77	-13	PASS
Band5	4132	5	1000~10000MHz	7045.67	-43.34	-13	PASS
Band5	4182	5	30~1000MHz	955.87	-61.74	-13	PASS
Band5	4182	5	1000~10000MHz	7030.37	-43.56	-13	PASS
Band5	4233	5	30~1000MHz	566.9	-61.87	-13	PASS
Band5	4233	5	1000~10000MHz	6974.58	-43.39	-13	PASS

Rel99:

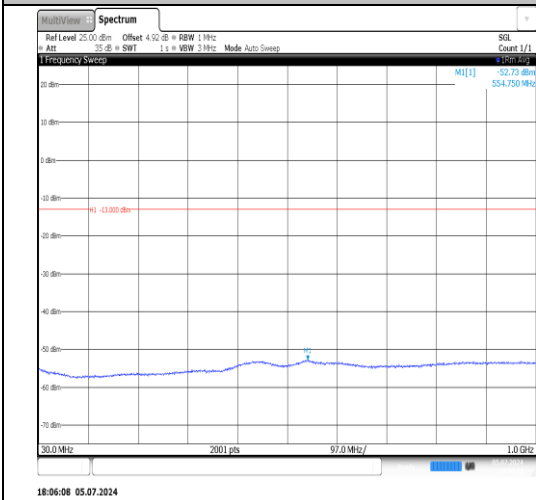




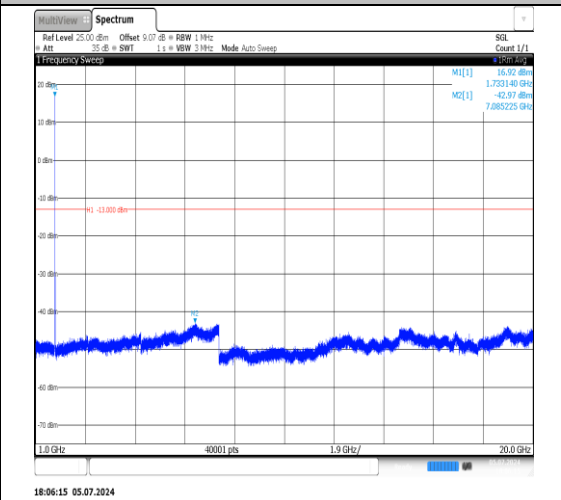
Band4-1413-30~1000MHz-PASS



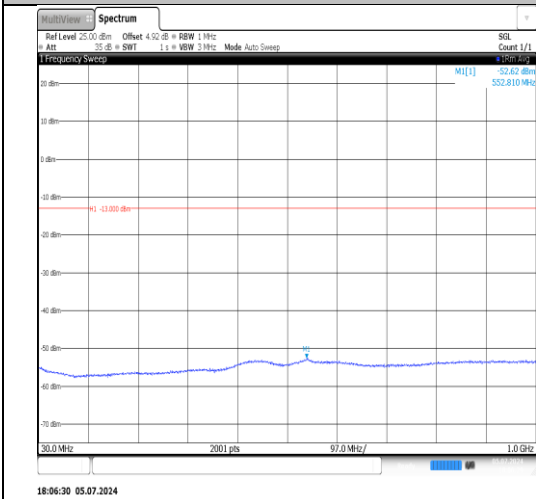
Band4-1413-1000~20000MHz-PASS



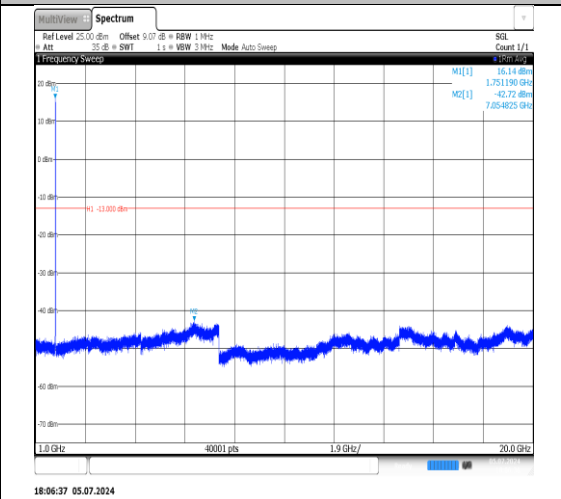
Band4-1513-30~1000MHz-PASS



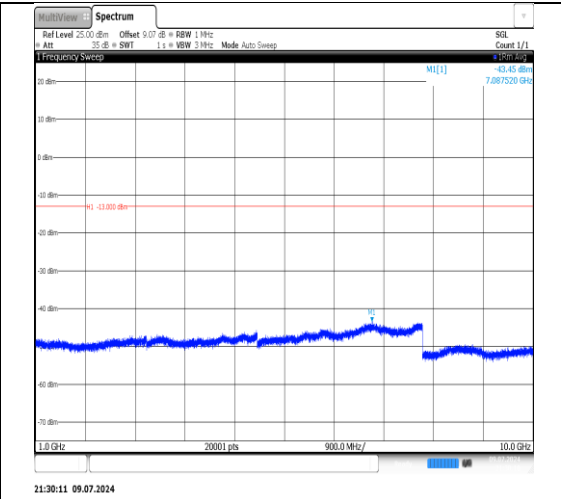
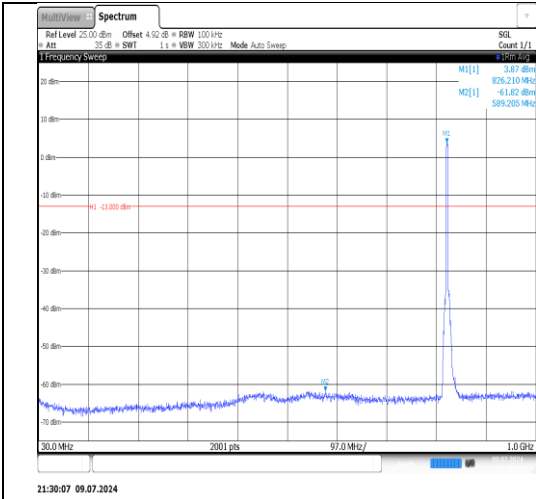
Band4-1513-1000~20000MHz-PASS



Band5-4132-30~1000MHz-PASS

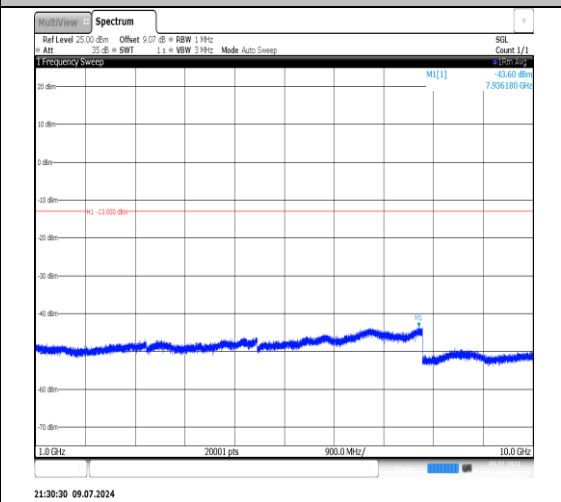
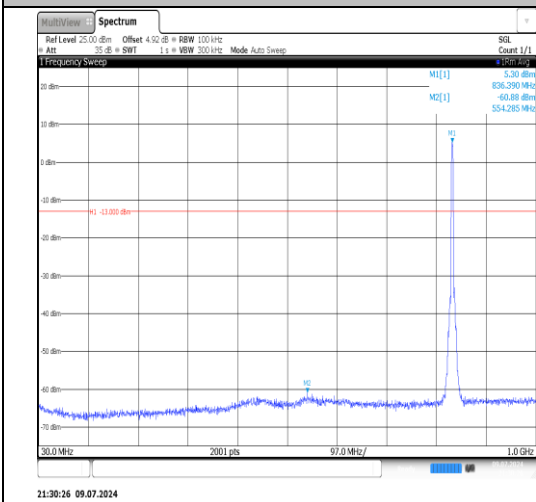


Band5-4132-1000~10000MHz-PASS



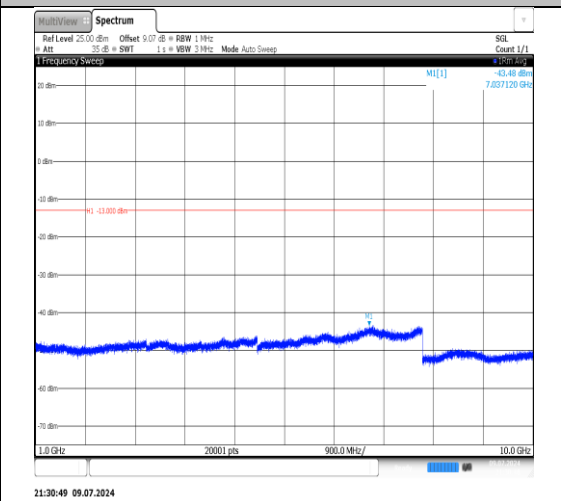
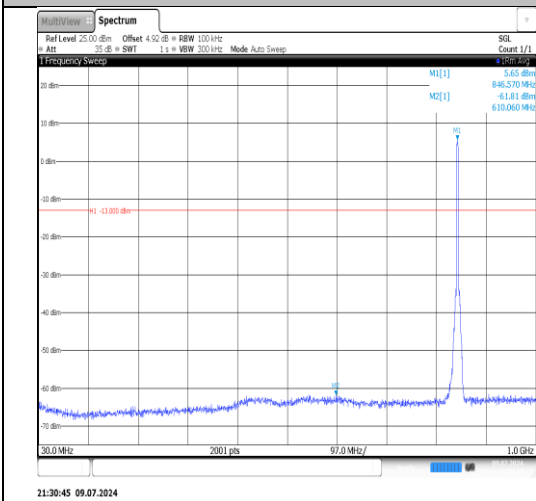
Band5-4182-30~1000MHz-PASS

Band5-4182-1000~10000MHz-PASS



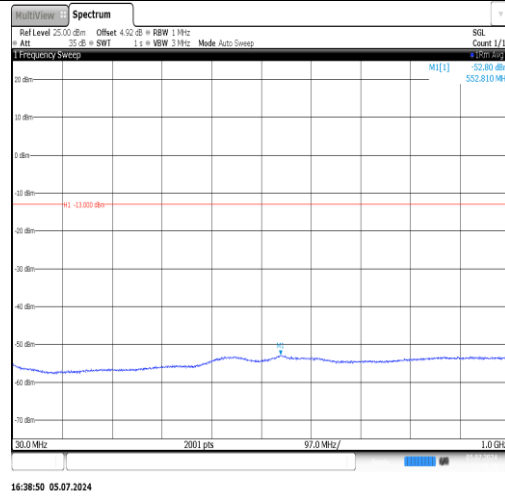
Band5-4233-30~1000MHz-PASS

Band5-4233-1000~10000MHz-PASS

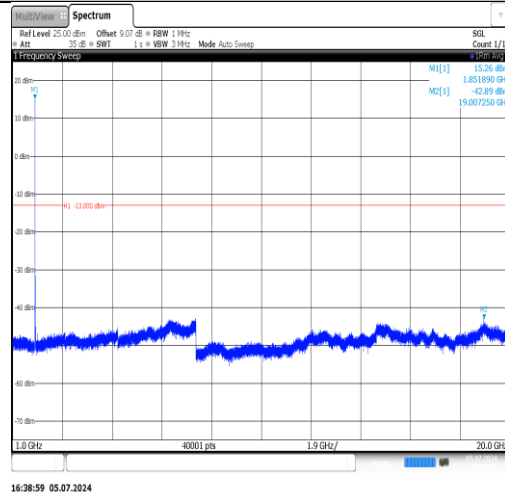


HSDPA:

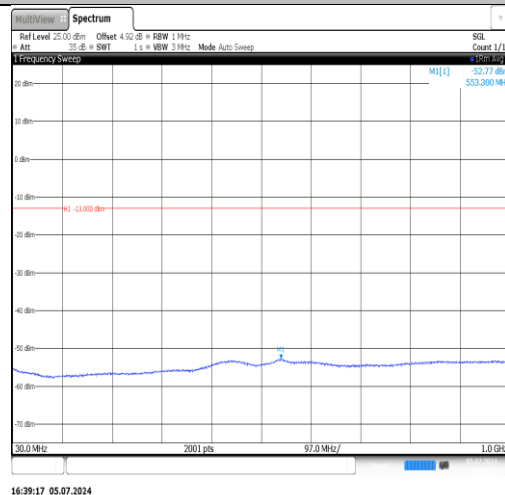
Band2-9262-4-30~1000MHz-PASS



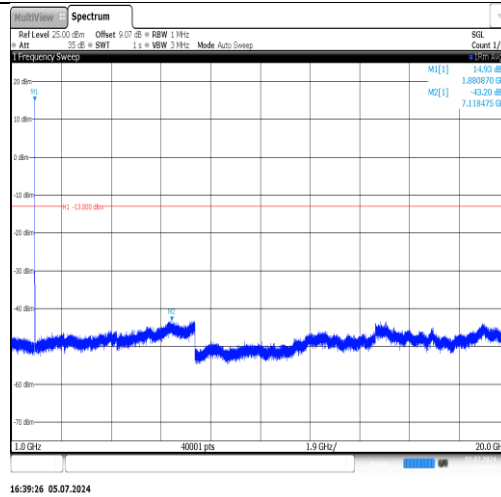
Band2-9262-4-1000~20000MHz-PASS



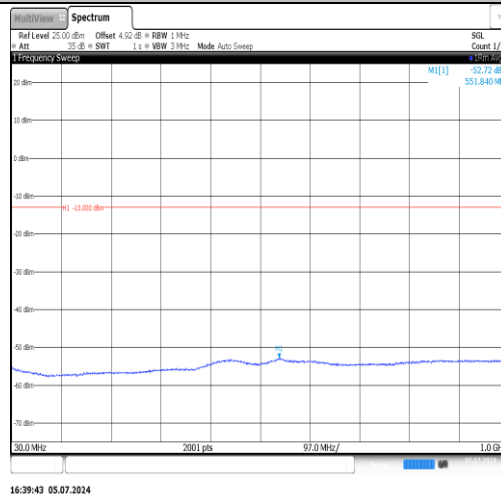
Band2-9400-4-30~1000MHz-PASS



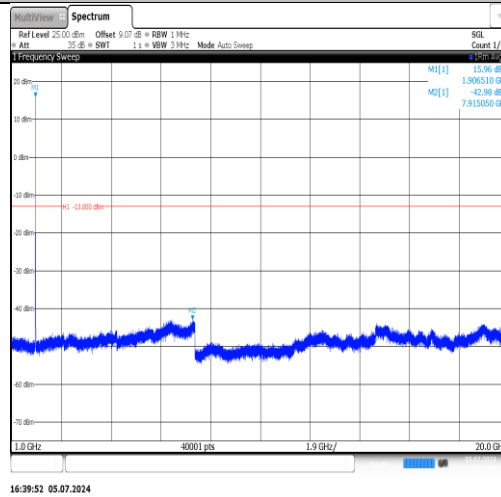
Band2-9400-4-1000~20000MHz-PASS



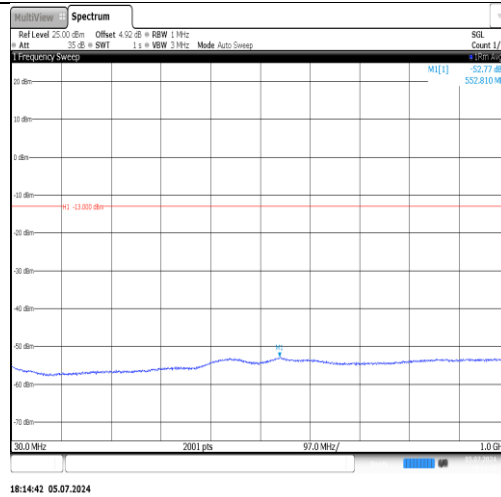
Band2-9538-4-30~1000MHz-PASS



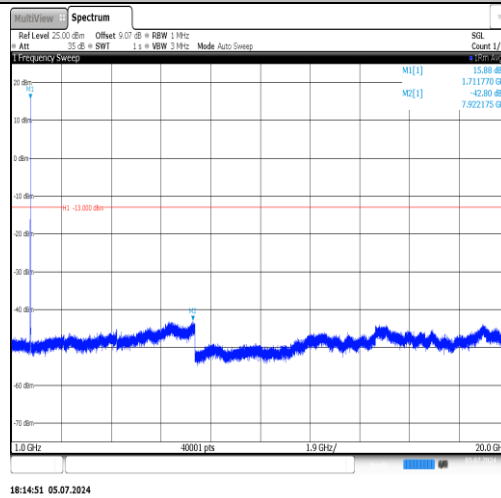
Band2-9538-4-1000~20000MHz-PASS



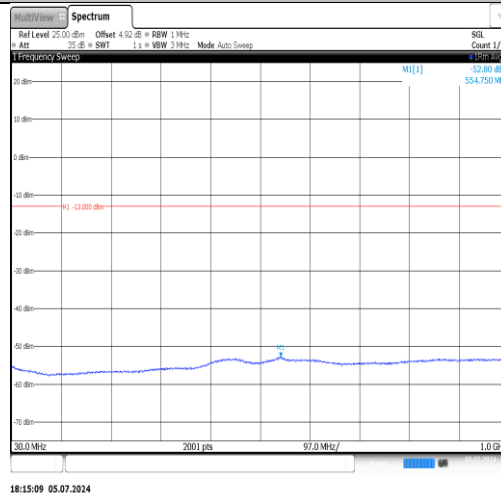
Band4-1312-4-30~1000MHz-PASS



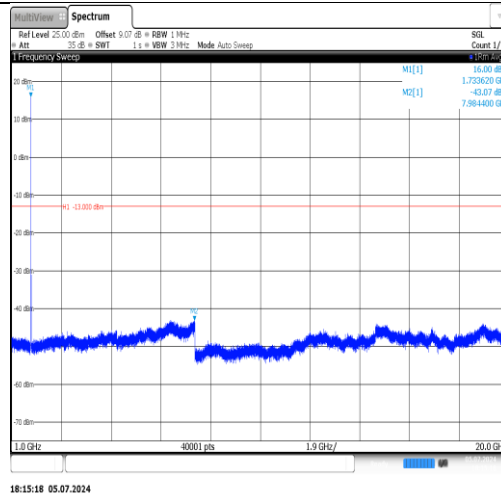
Band4-1312-4-1000~20000MHz-PASS



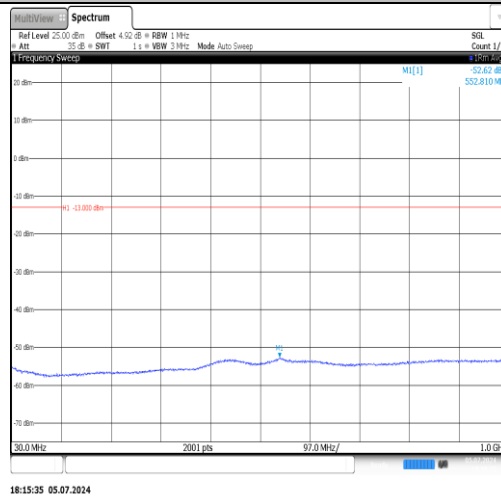
Band4-1413-4-30~1000MHz-PASS



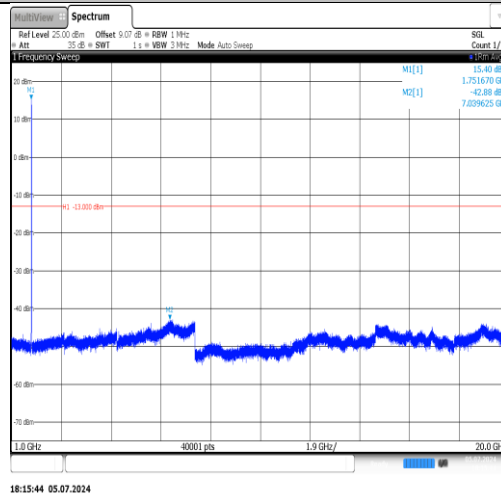
Band4-1413-4-1000~20000MHz-PASS



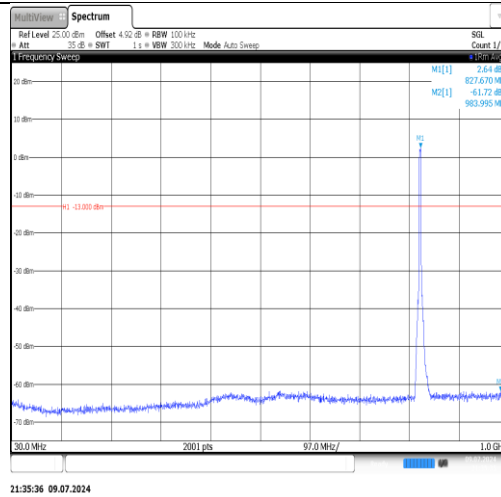
Band4-1513-4-30~1000MHz-PASS



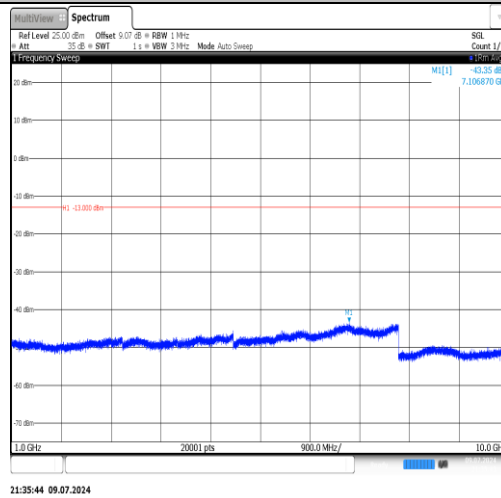
Band4-1513-4-1000~20000MHz-PASS



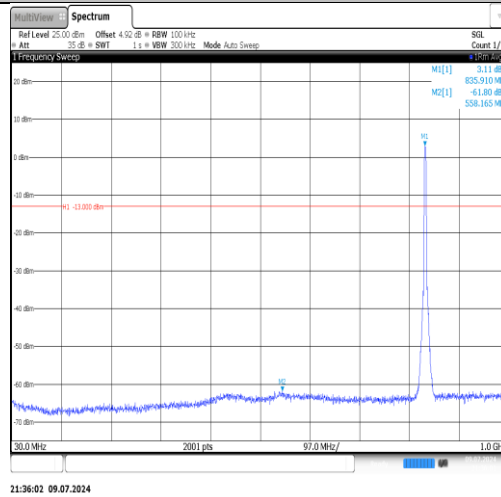
Band5-4132-4-30~1000MHz-PASS



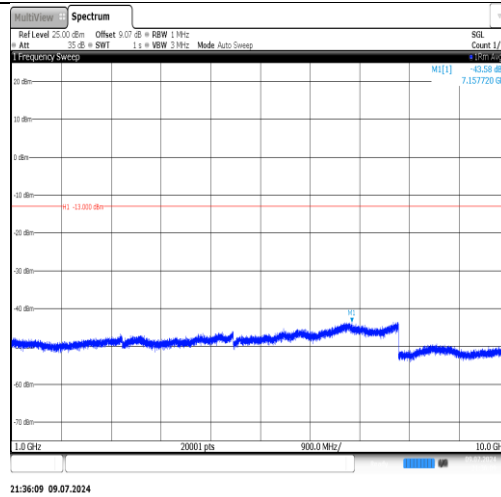
Band5-4132-4-1000~10000MHz-PASS



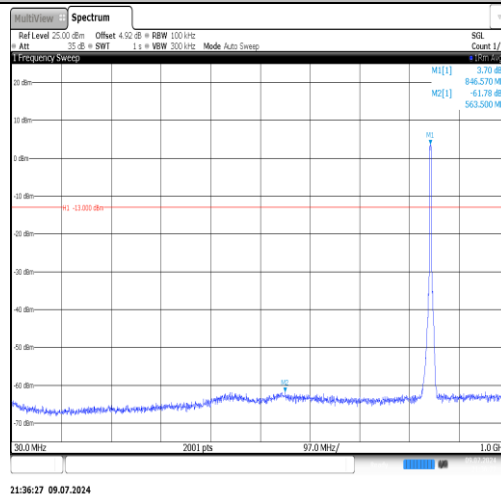
Band5-4182-4-30~1000MHz-PASS



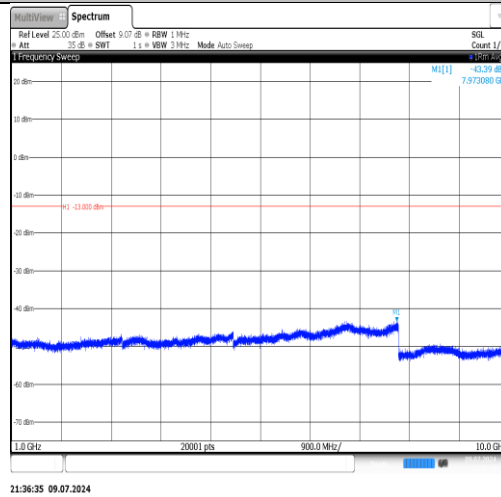
Band5-4182-4-1000~10000MHz-PASS



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

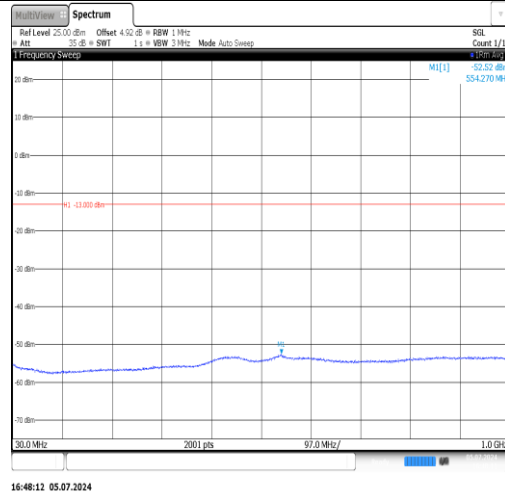


Band5-4233-4-1000~10000MHz-PASS

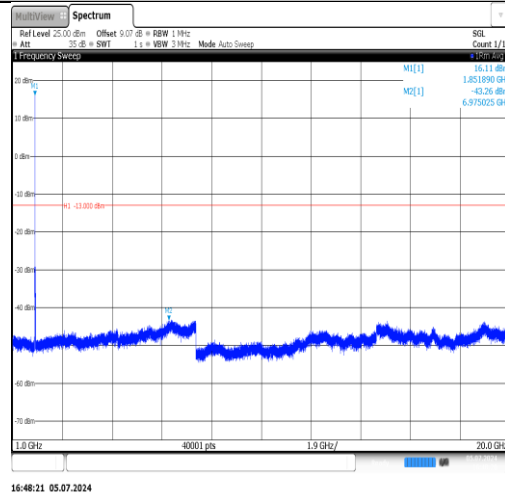


HSUPA:

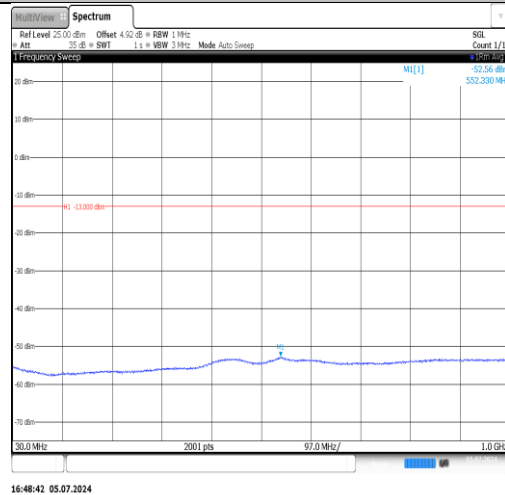
Band2-9262-5-30~1000MHz-PASS



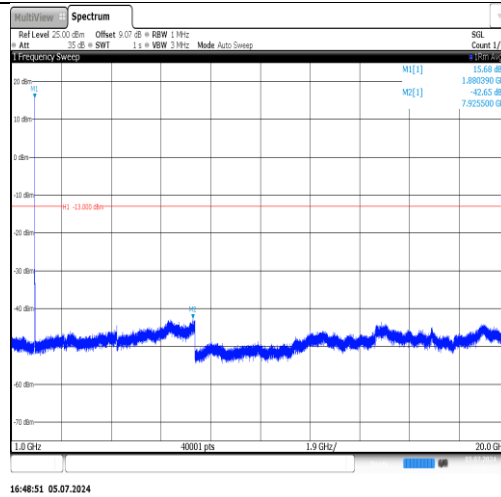
Band2-9262-5-1000~20000MHz-PASS



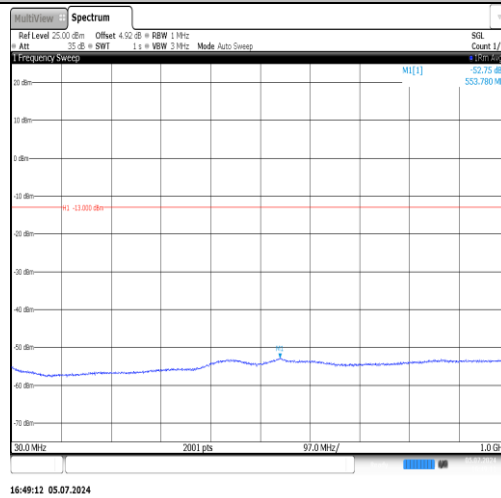
Band2-9400-5-30~1000MHz-PASS



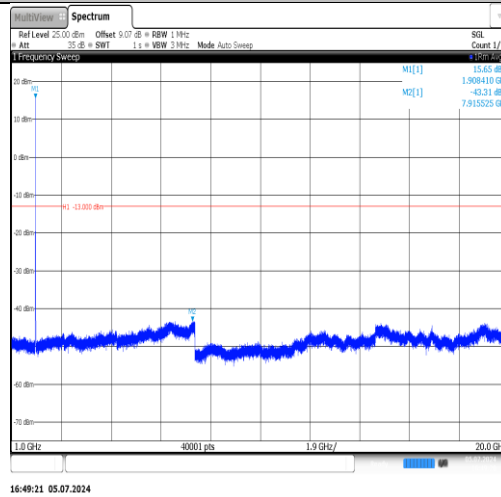
Band2-9400-5-1000~20000MHz-PASS



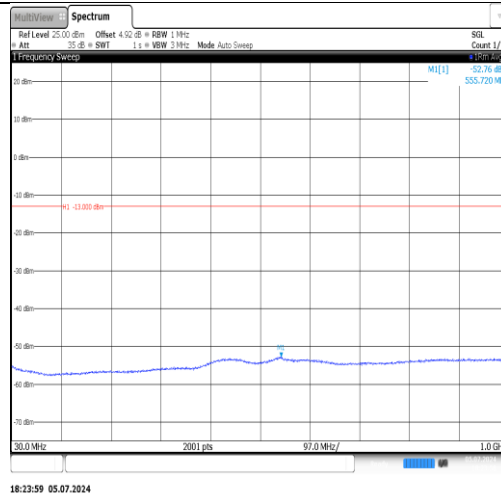
Band2-9538-5-30~1000MHz-PASS



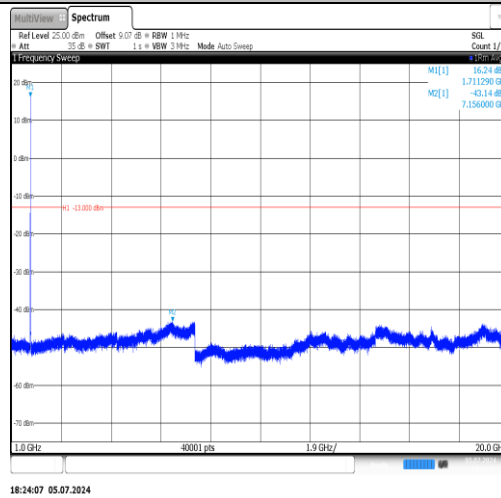
Band2-9538-5-1000~20000MHz-PASS



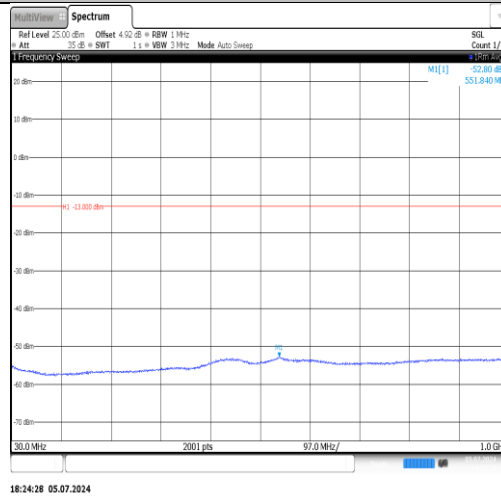
Band4-1312-5-30~1000MHz-PASS



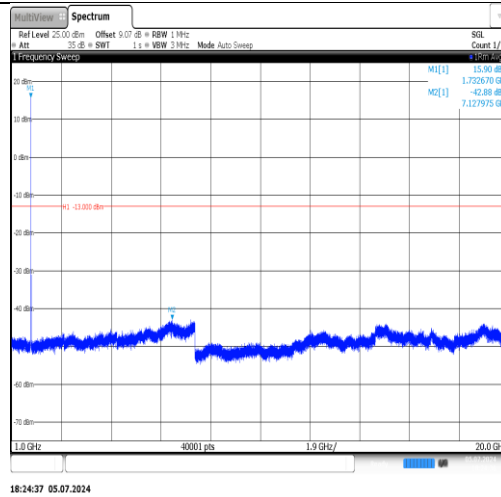
Band4-1312-5-1000~20000MHz-PASS



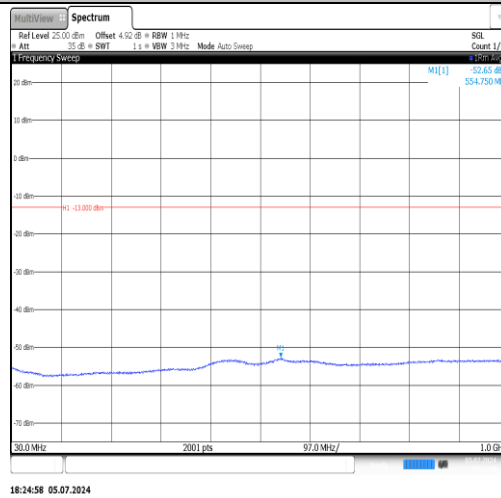
Band4-1413-5-30~1000MHz-PASS



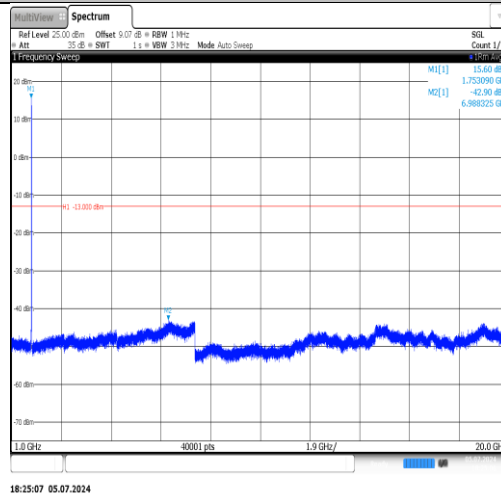
Band4-1413-5-1000~20000MHz-PASS



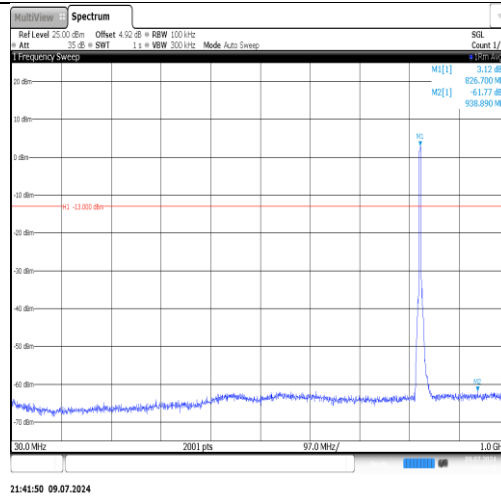
Band4-1513-5-30~1000MHz-PASS



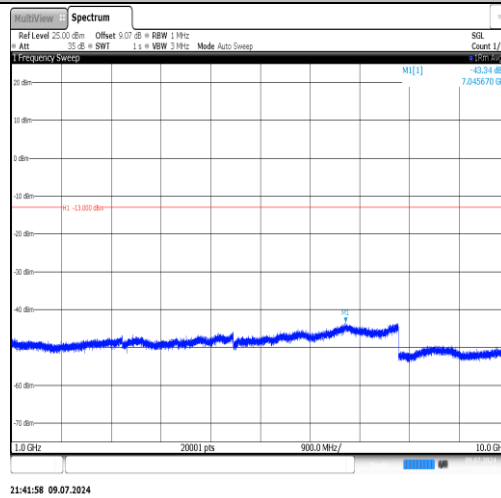
Band4-1513-5-1000~20000MHz-PASS



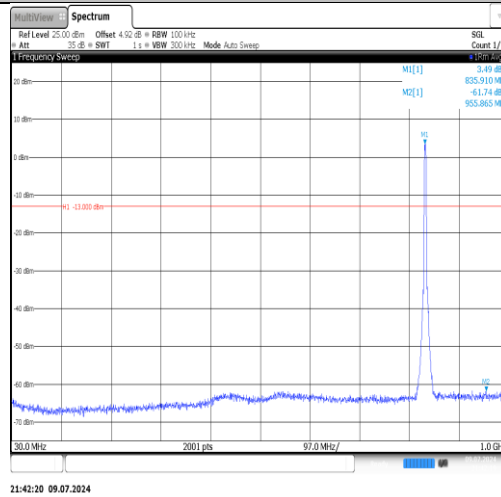
Band5-4132-5-30~1000MHz-PASS



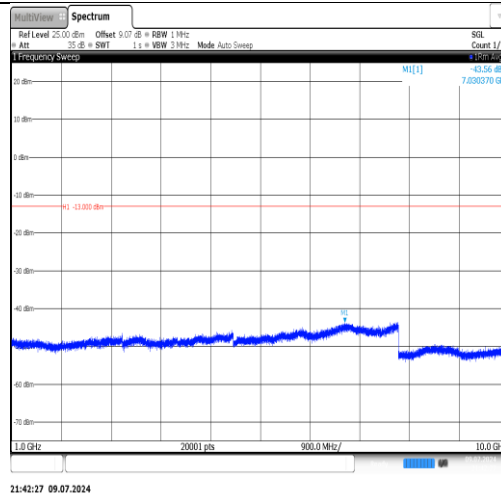
Band5-4132-5-1000~10000MHz-PASS



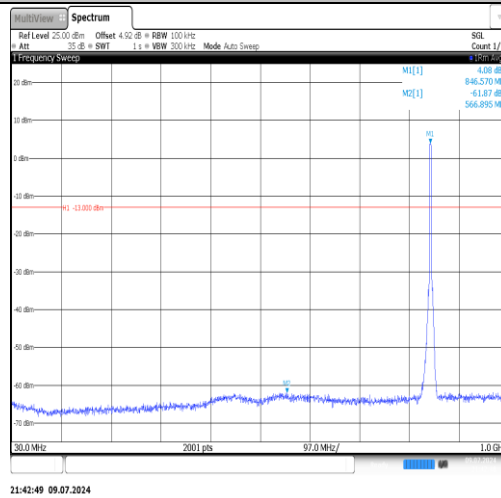
Band5-4182-5-30~1000MHz-PASS



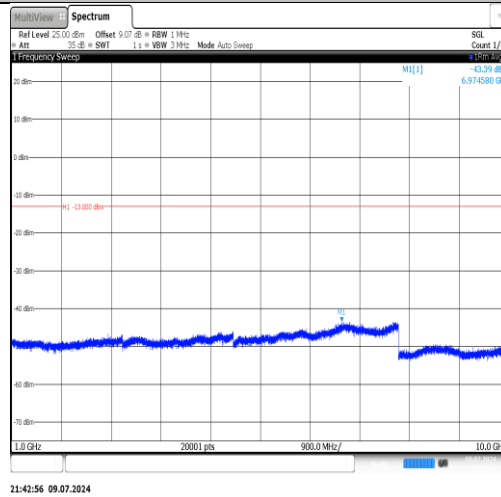
Band5-4182-5-1000~10000MHz-PASS



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



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



Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9400	VN	NT	2000.00	1.063830	±NA	PASS
Band2	9400	VL	NT	-50.00	-0.026596	±NA	PASS
Band2	9400	VH	NT	-1950.00	-1.037234	±NA	PASS
Band4	1413	VN	NT	-1100.00	-0.634884	±NA	PASS
Band4	1413	VL	NT	1200.00	0.692601	±NA	PASS
Band4	1413	VH	NT	-1150.00	-0.663742	±NA	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9400	NV	-30	-2450.00	-1.303191	±NA	PASS
Band2	9400	NV	-20	1500.00	0.797872	±NA	PASS
Band2	9400	NV	-10	1900.00	1.010638	±NA	PASS
Band2	9400	NV	0	750.00	0.398936	±NA	PASS
Band2	9400	NV	10	-5500.00	-2.925532	±NA	PASS
Band2	9400	NV	20	-4250.00	-2.260638	±NA	PASS
Band2	9400	NV	30	350.00	0.186170	±NA	PASS
Band2	9400	NV	40	-2700.00	-1.436170	±NA	PASS
Band2	9400	NV	50	1300.00	0.691489	±NA	PASS
Band4	1413	NV	-30	-1300.00	-0.750317	±NA	PASS
Band4	1413	NV	-20	-1300.00	-0.750317	±NA	PASS
Band4	1413	NV	-10	500.00	0.288584	±NA	PASS
Band4	1413	NV	0	-2350.00	-1.356343	±NA	PASS
Band4	1413	NV	10	-3750.00	-2.164377	±NA	PASS
Band4	1413	NV	20	-500.00	-0.288584	±NA	PASS
Band4	1413	NV	30	-400.00	-0.230867	±NA	PASS
Band4	1413	NV	40	-1800.00	-1.038901	±NA	PASS
Band4	1413	NV	50	-4500.00	-2.597253	±NA	PASS