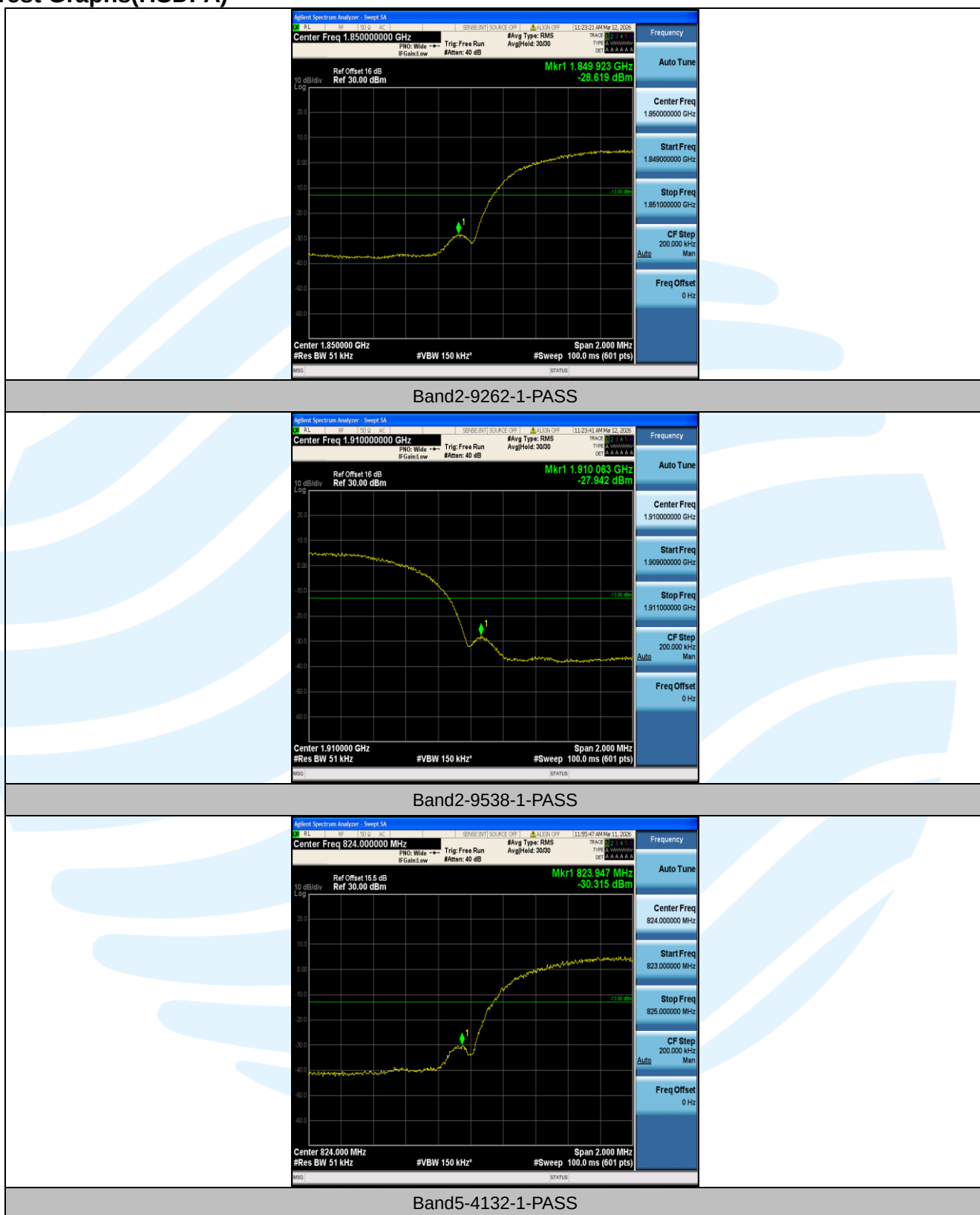
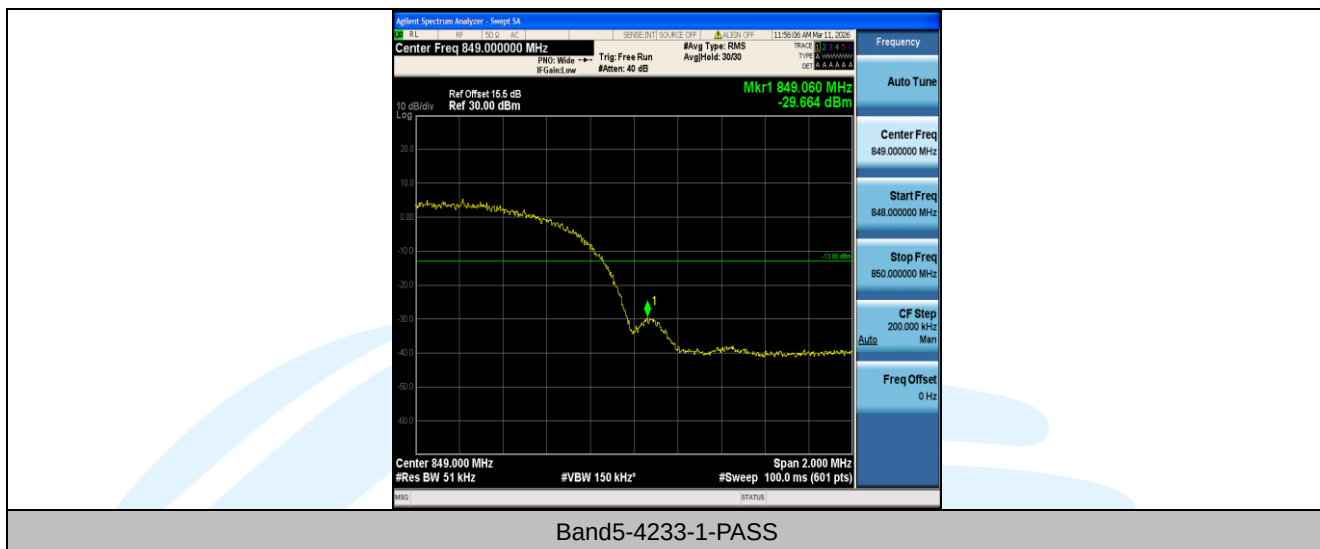
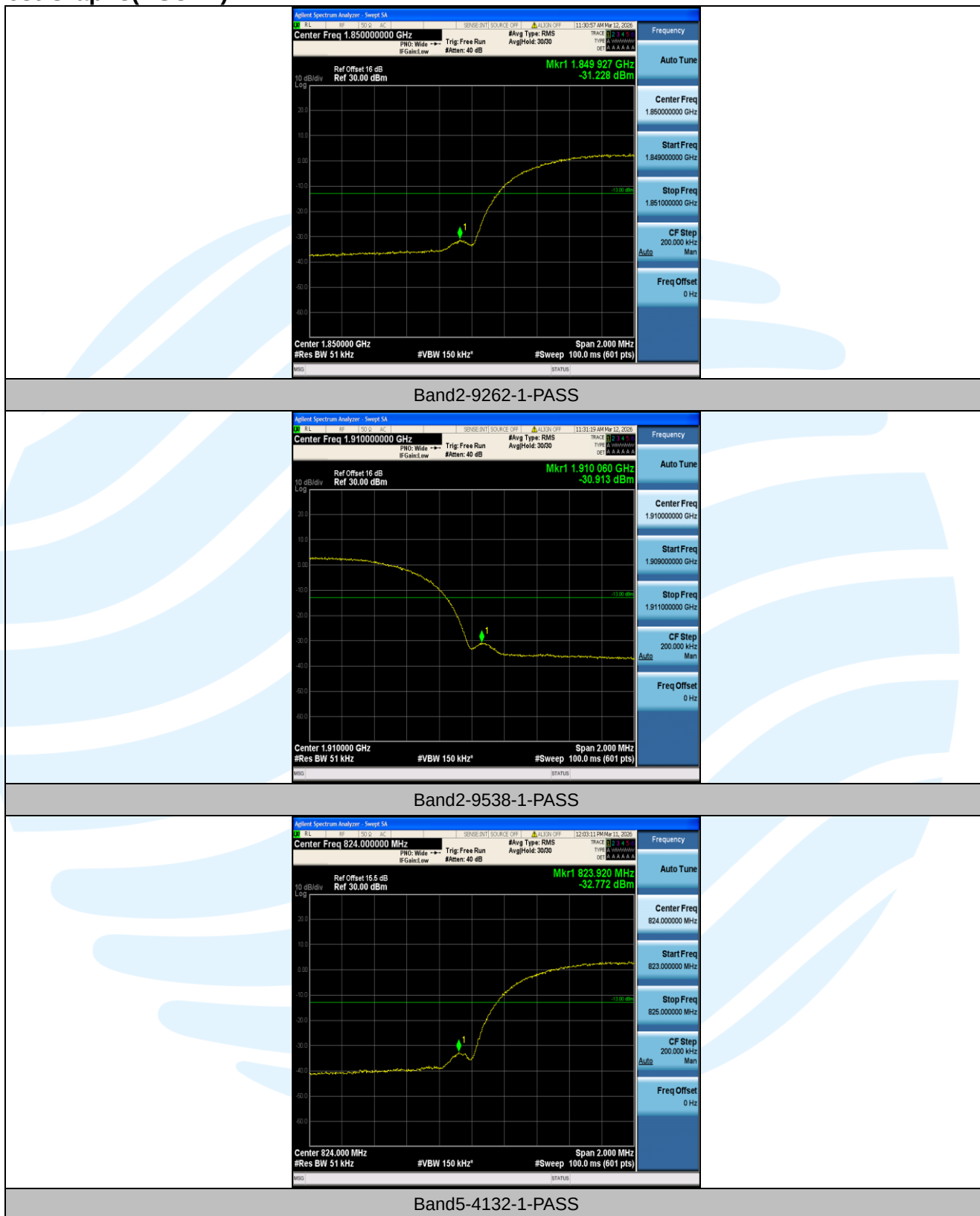


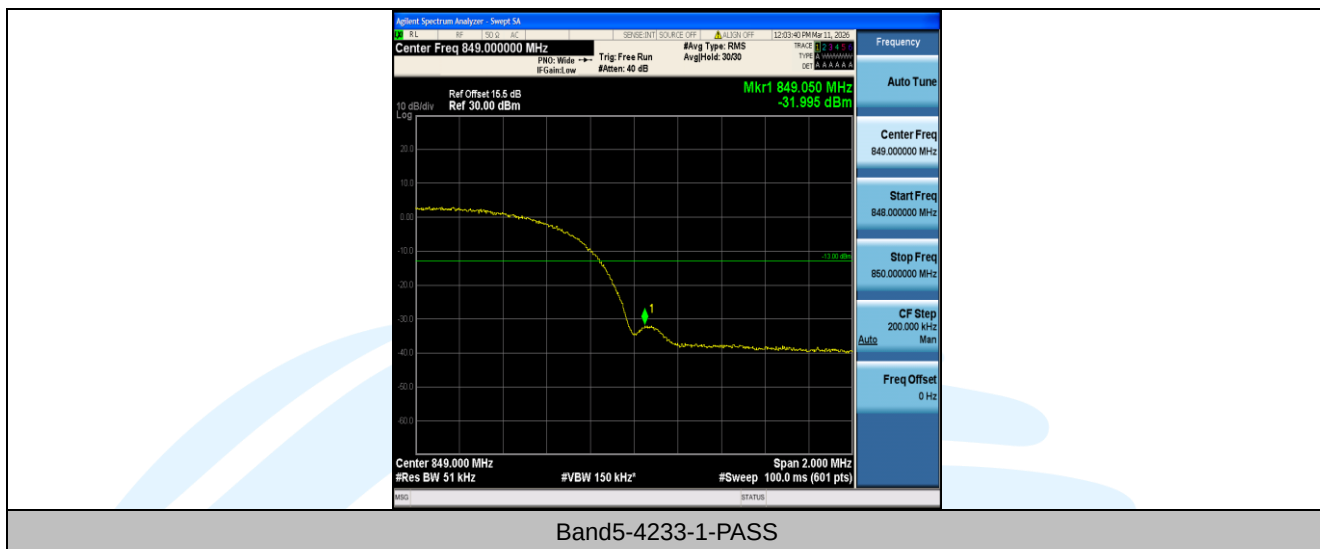
Test Graphs(HSDPA)





Test Graphs(HSUPA)





B 4. CONDUCTED SPURIOUSEMISSION

Test Result(WCDMA)

Band	Channel	Frequency Range (MHz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	30~1000MHz	899.12	-38.9	-13	PASS
Band2	9262	1000~30000MHz	25110.45	-26.14	-13	PASS
Band2	9262	3000~20000MHz	18952.8	-30.01	-13	PASS
Band2	9400	30~1000MHz	926.77	-38.93	-13	PASS
Band2	9400	1000~30000MHz	25978.85	-26.14	-13	PASS
Band2	9400	3000~20000MHz	19038.23	-30.27	-13	PASS
Band2	9538	30~1000MHz	877.39	-38.86	-13	PASS
Band2	9538	1000~30000MHz	26022.4	-26.2	-13	PASS
Band2	9538	3000~20000MHz	18923.9	-30.11	-13	PASS
Band5	4132	30~1000MHz	936.85	-47.41	-13	PASS
Band5	4132	1000~10000MHz	5772.7	-35.99	-13	PASS
Band5	4182	30~1000MHz	641.1	-47.26	-13	PASS
Band5	4182	1000~10000MHz	4880.35	-35.89	-13	PASS
Band5	4233	30~1000MHz	438.56	-47.82	-13	PASS
Band5	4233	1000~10000MHz	5389.75	-35.95	-13	PASS

Test Result(HSDPA)

Band	Channel	SubTest	Frequency Range (MHz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	1	30~1000MHz	934.91	-38.45	-13	PASS
Band2	9262	1	1000~30000 MHz	26061.4	-26.15	-13	PASS
Band2	9262	1	3000~20000 MHz	18946.85	-30.1	-13	PASS
Band2	9400	1	30~1000MHz	907.75	-38.95	-13	PASS
Band2	9400	1	1000~30000 MHz	26234.95	-26.16	-13	PASS
Band2	9400	1	3000~20000 MHz	19085.83	-30.05	-13	PASS
Band2	9538	1	30~1000MHz	947.81	-38.88	-13	PASS
Band2	9538	1	1000~30000 MHz	25518	-26.22	-13	PASS
Band2	9538	1	3000~20000 MHz	19029.3	-30.19	-13	PASS
Band5	4132	1	30~1000MHz	992.63	-47.51	-13	PASS

			z				
Band5	4132	1	1000~10000 MHz	6261.85	-35.66	-13	PASS
Band5	4182	1	30~1000MH z	993.7	-47.63	-13	PASS
Band5	4182	1	1000~10000 MHz	5744.8	-35.91	-13	PASS
Band5	4233	1	30~1000MH z	951.21	-47.63	-13	PASS
Band5	4233	1	1000~10000 MHz	6260.5	-36.04	-13	PASS

Test Result(HSUPA)

Band	Channel	SubTest	Frequency Range (MHz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	1	30~1000MH z	913.67	-38.94	-13	PASS
Band2	9262	1	1000~30000 MHz	26201.8	-26.4	-13	PASS
Band2	9262	1	3000~20000 MHz	18935.8	-29.93	-13	PASS
Band2	9400	1	30~1000MH z	947.52	-38.89	-13	PASS
Band2	9400	1	1000~30000 MHz	26931.1	-26.04	-13	PASS
Band2	9400	1	3000~20000 MHz	19027.18	-29.69	-13	PASS
Band2	9538	1	30~1000MH z	936.76	-38.97	-13	PASS
Band2	9538	1	1000~30000 MHz	26008.75	-26.14	-13	PASS
Band2	9538	1	3000~20000 MHz	18995.3	-30.15	-13	PASS
Band5	4132	1	30~1000MH z	403.94	-47.58	-13	PASS
Band5	4132	1	1000~10000 MHz	5383.9	-36.04	-13	PASS
Band5	4182	1	30~1000MH z	951.79	-47.8	-13	PASS
Band5	4182	1	1000~10000 MHz	5410.9	-35.92	-13	PASS
Band5	4233	1	30~1000MH	957.81	-47.49	-13	PASS

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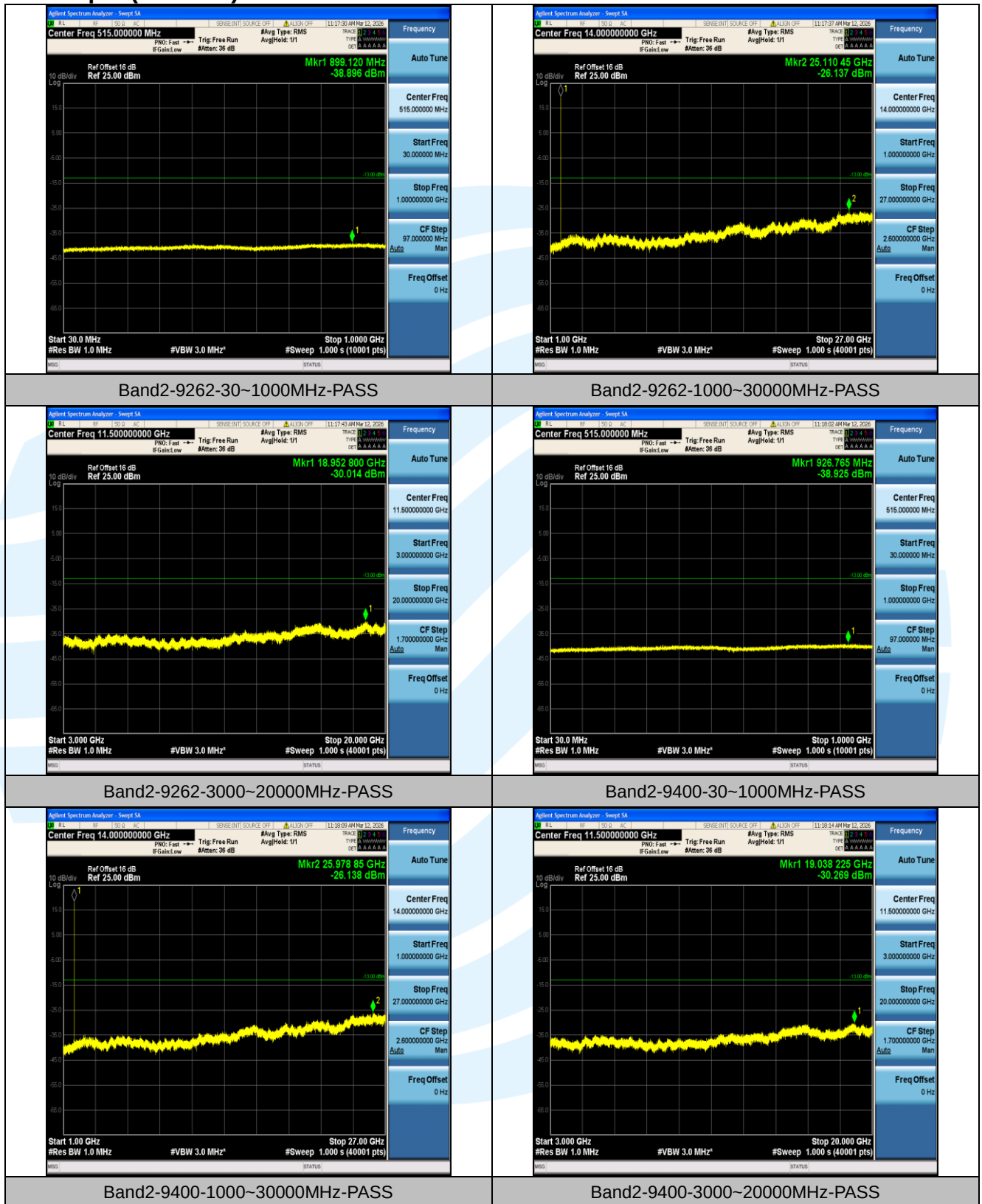
E-mail: info@uttlab.com

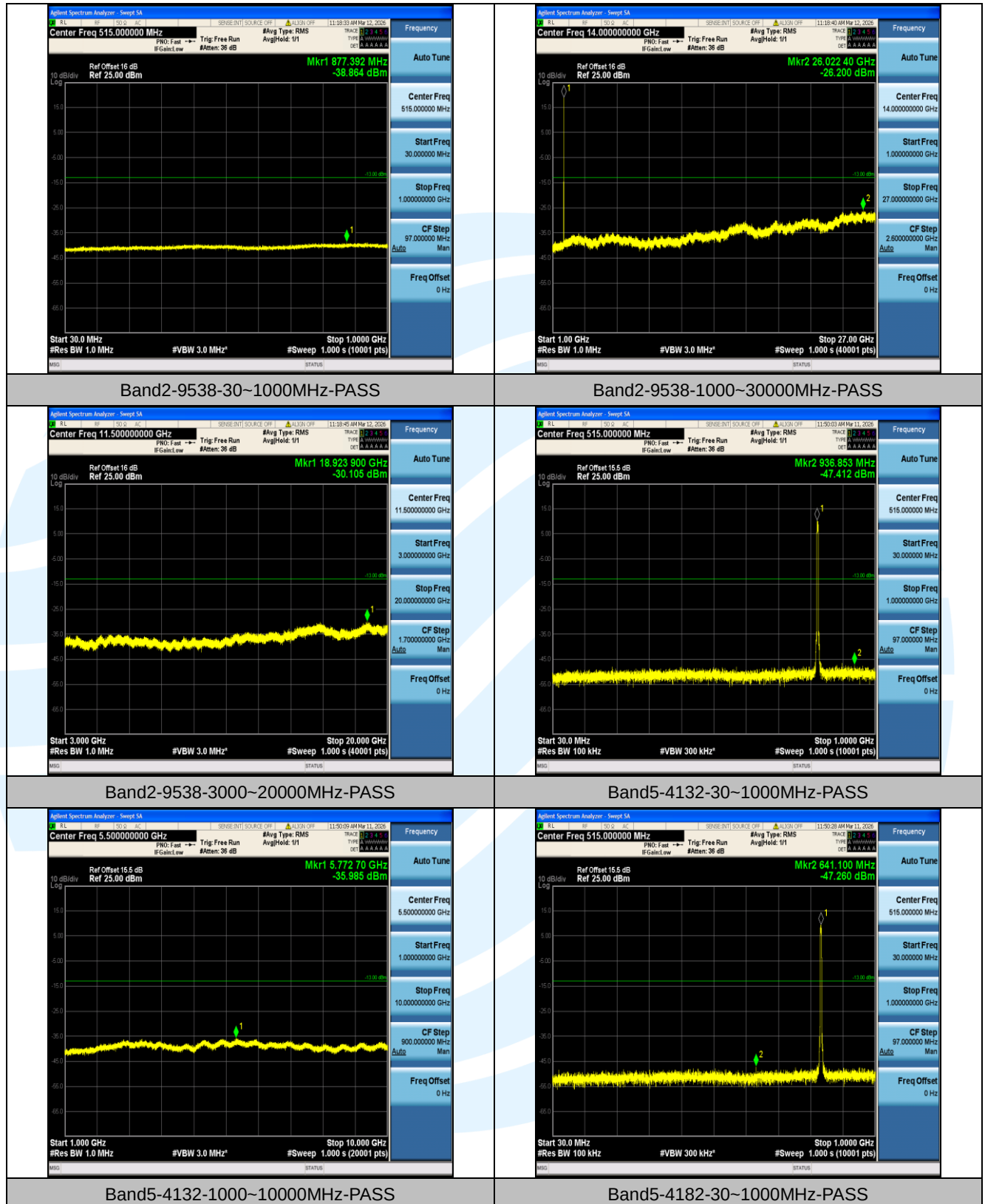
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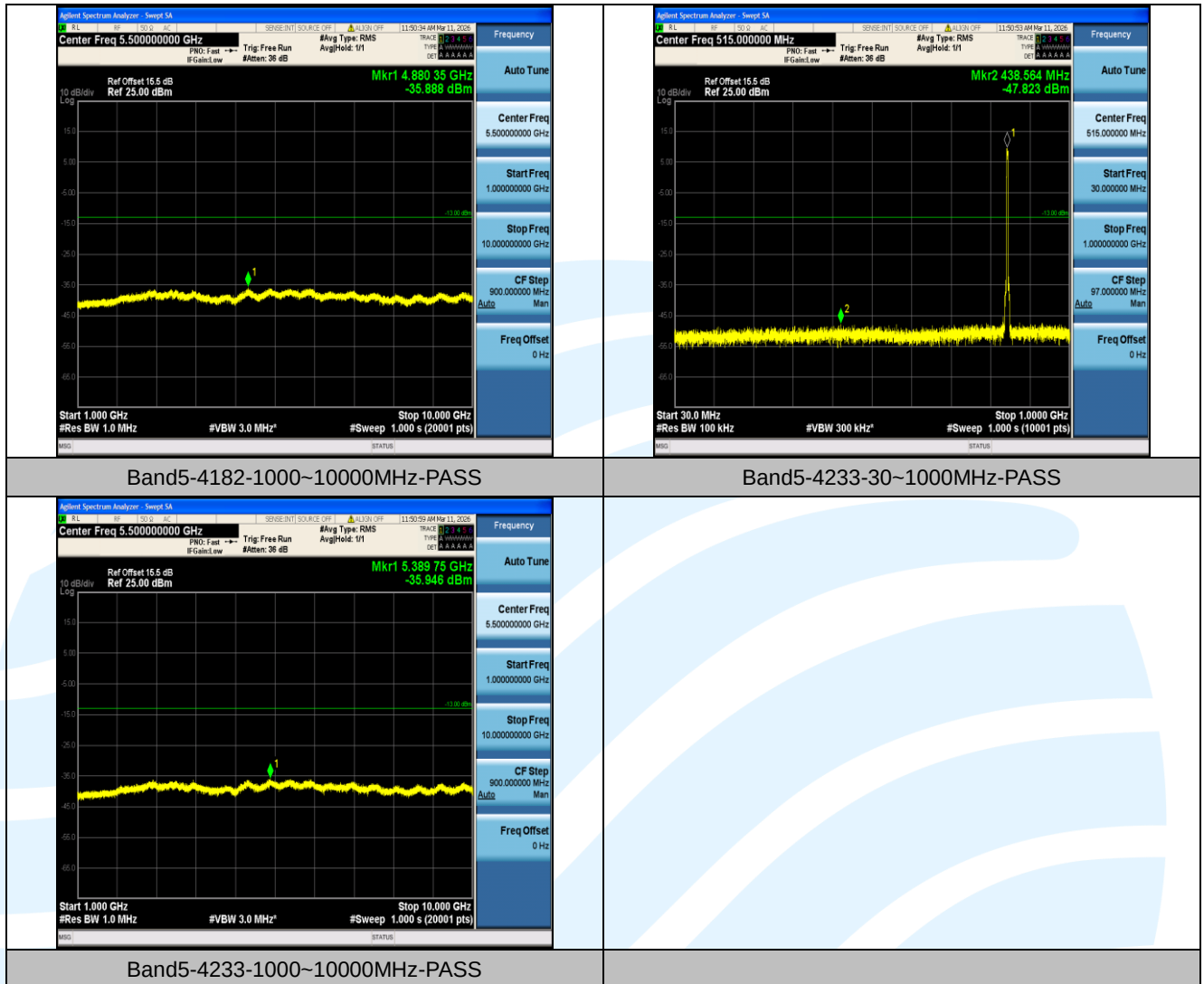
			z				
Band5	4233	1	1000~10000 MHz	5401.9	-35.59	-13	PASS



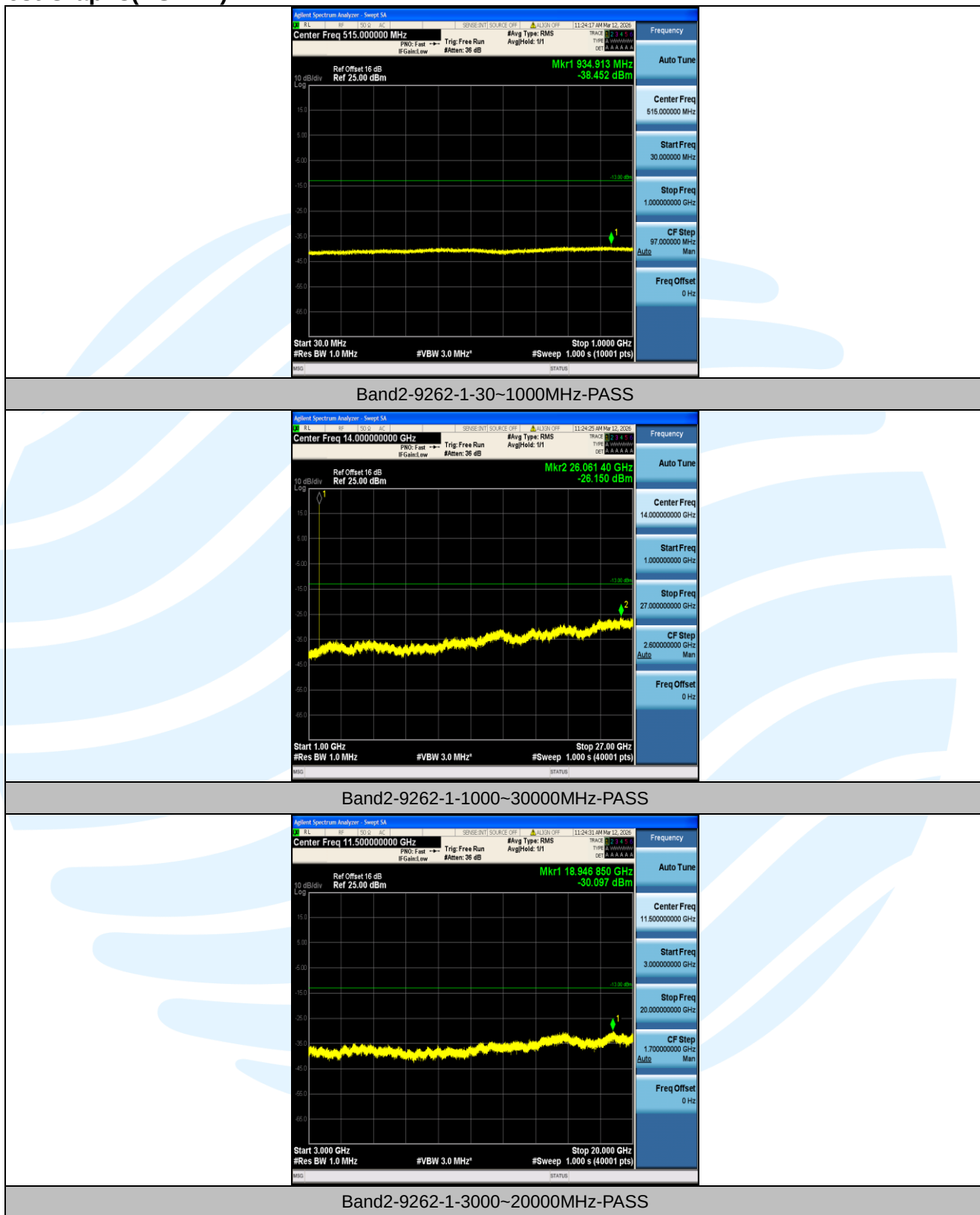
Test Graphs(WCDMA)

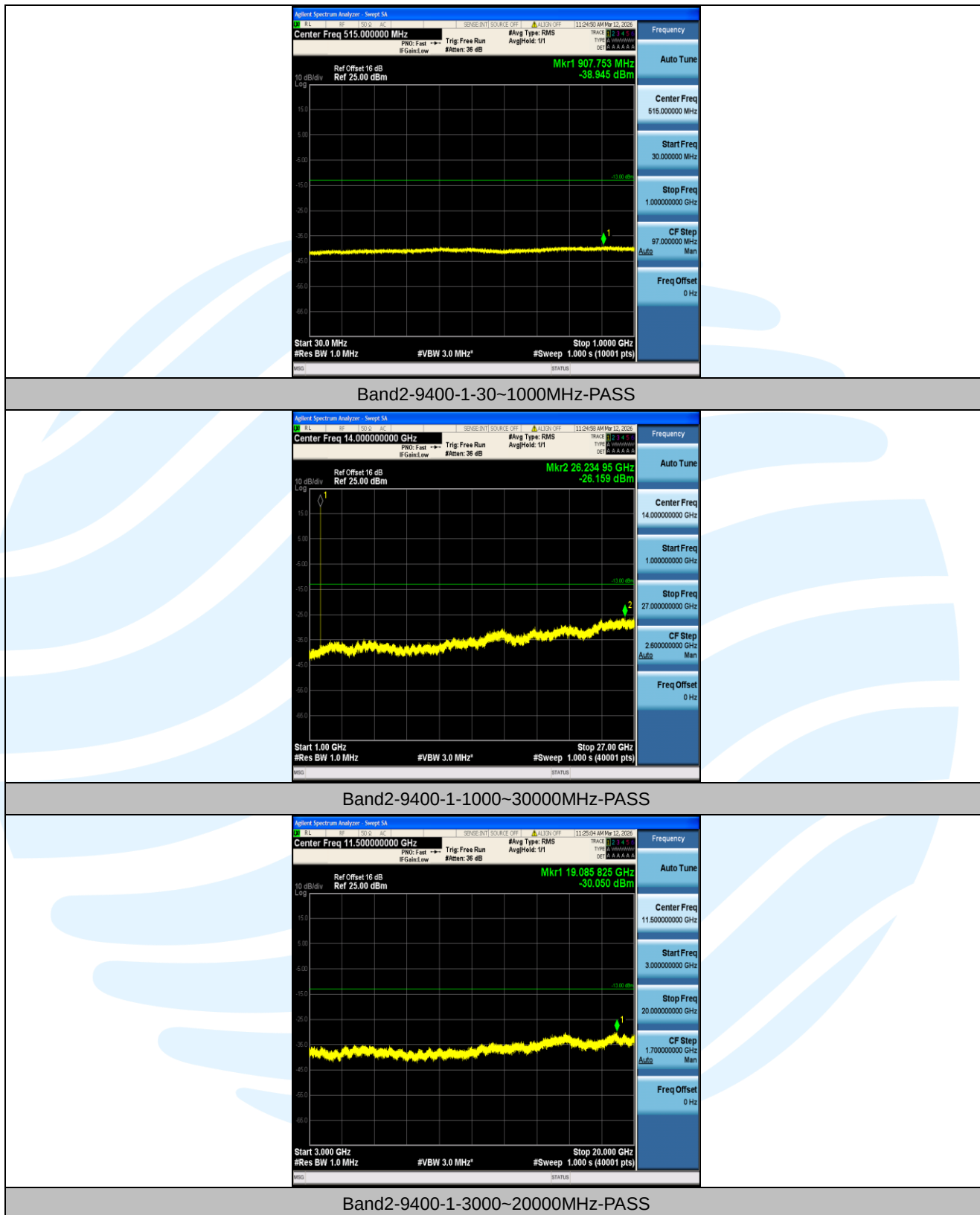


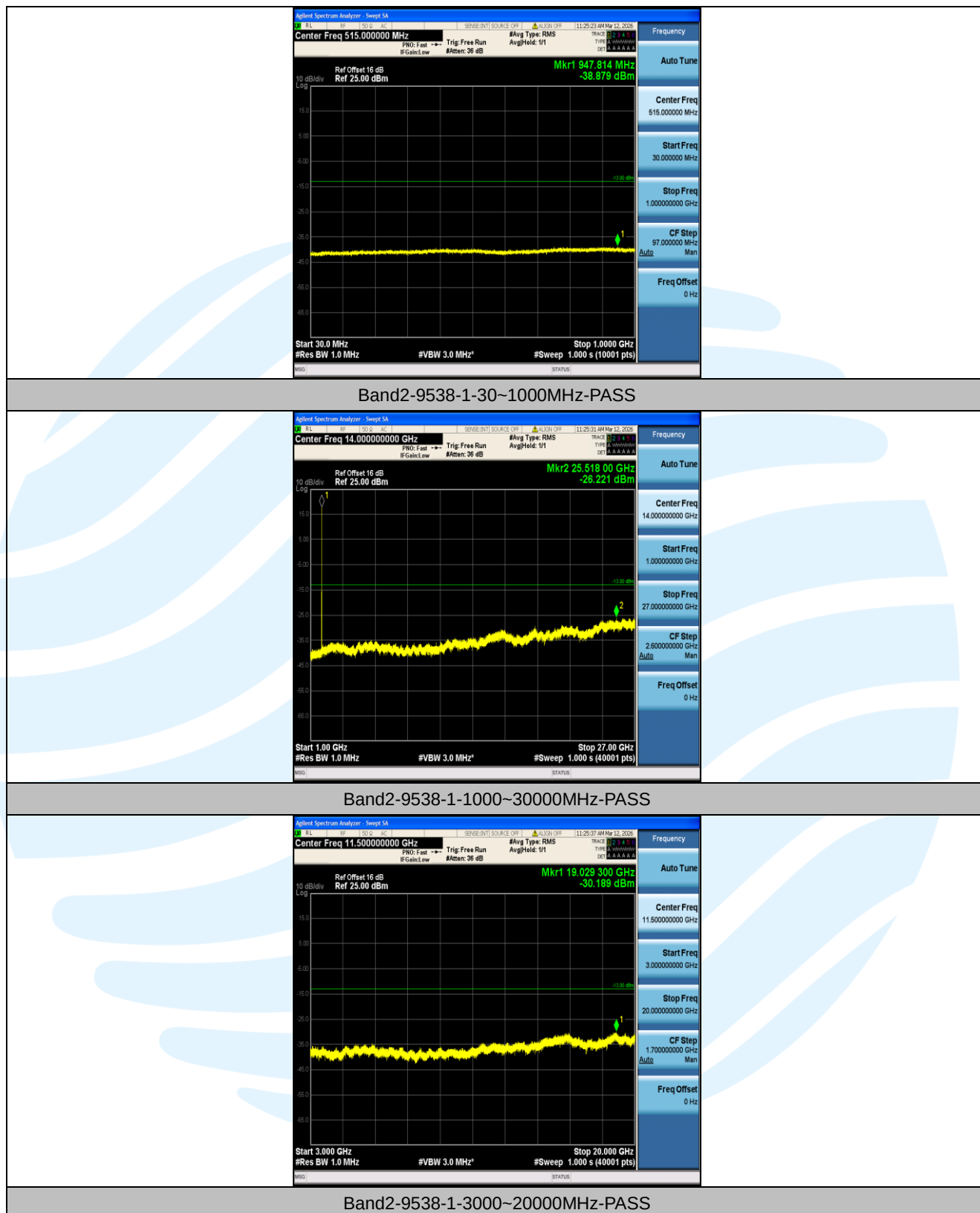


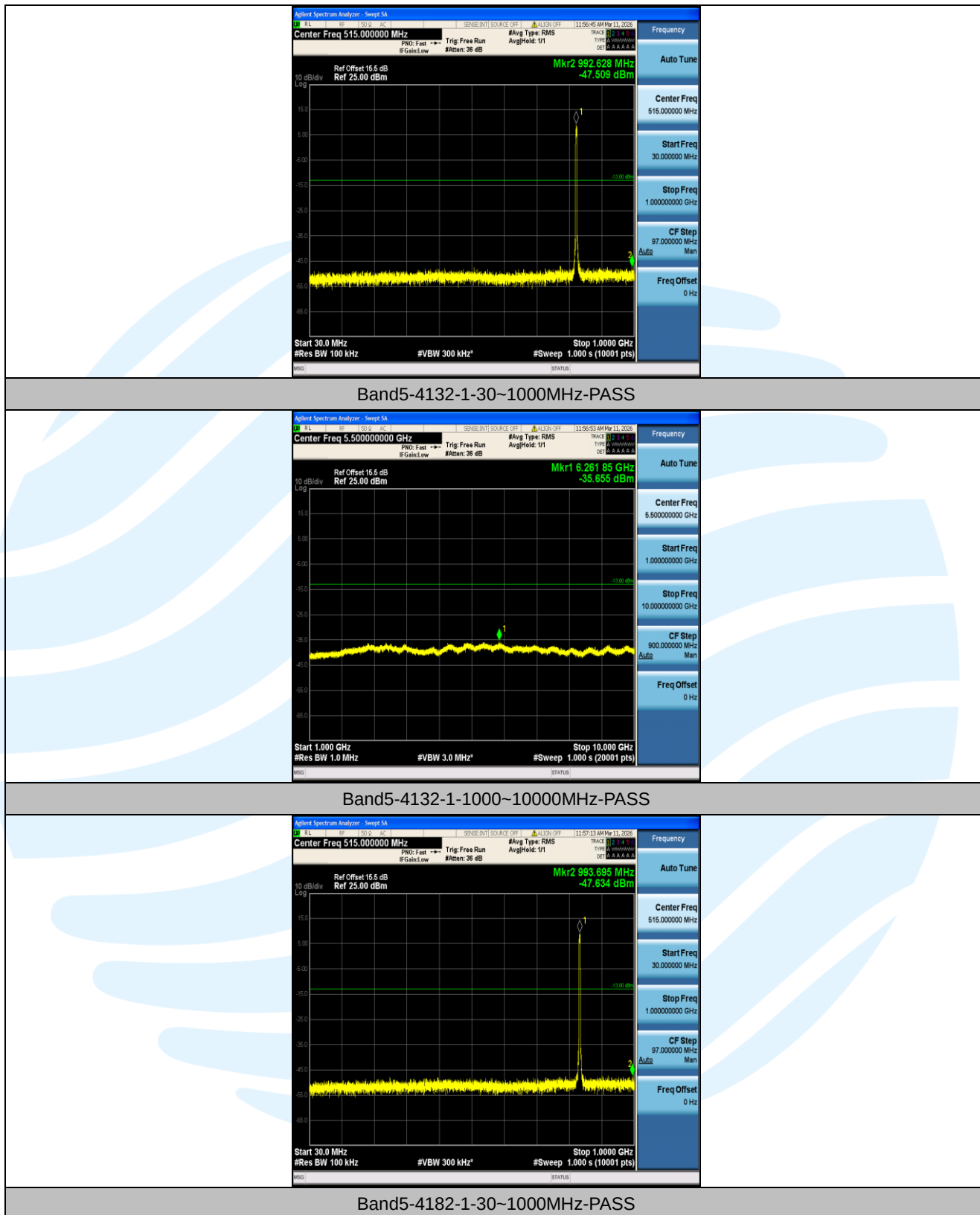


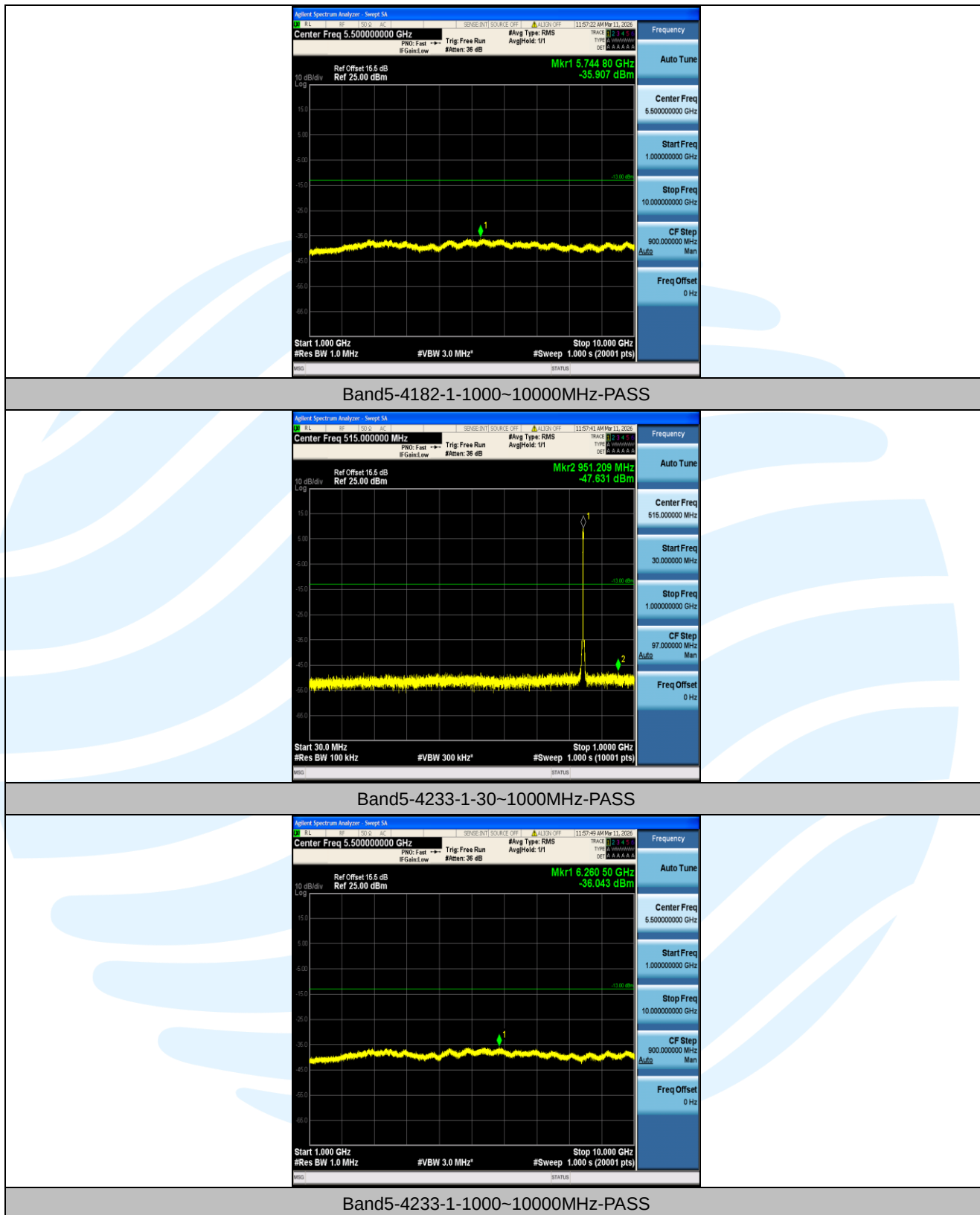
Test Graphs(HSDPA)



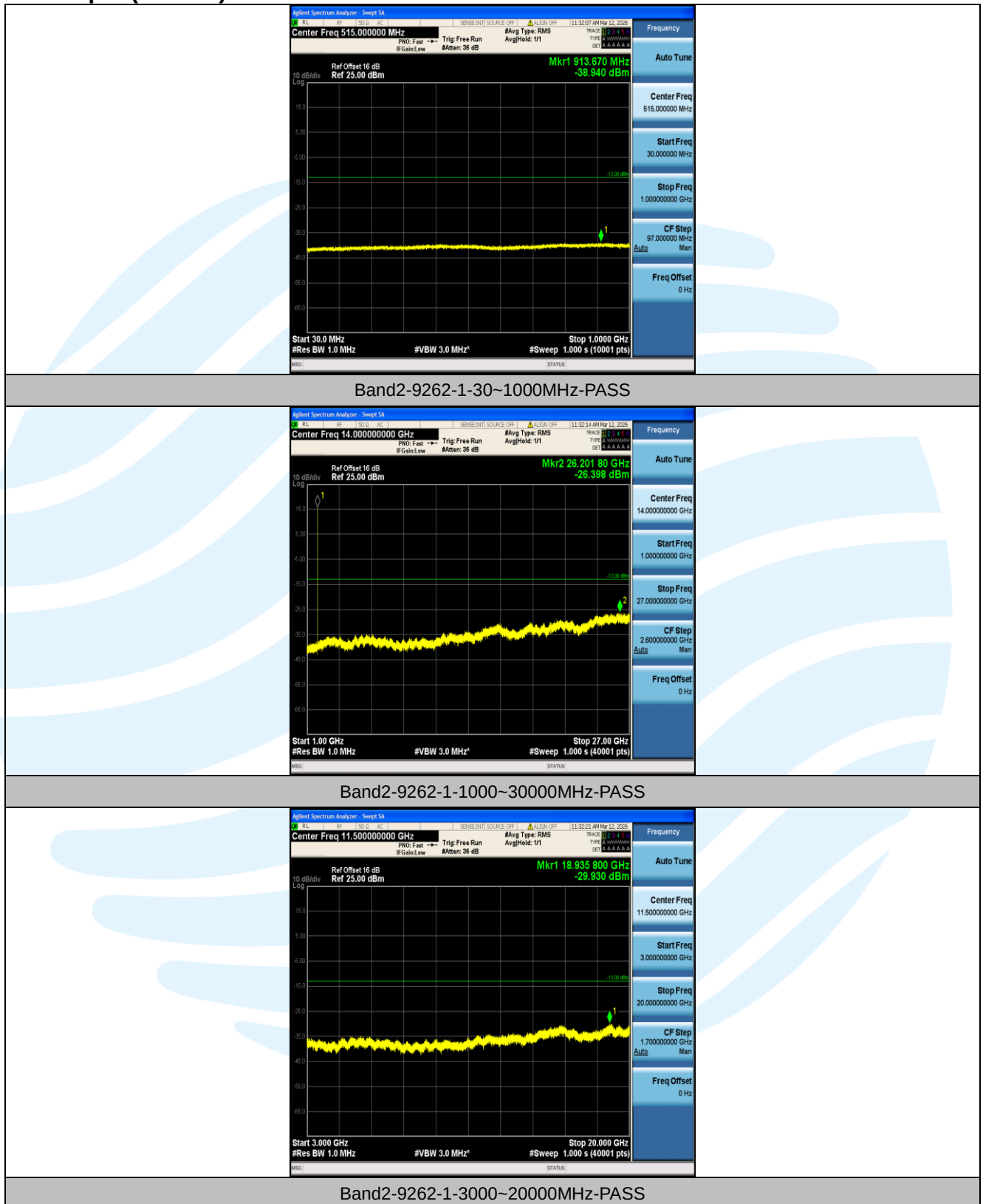


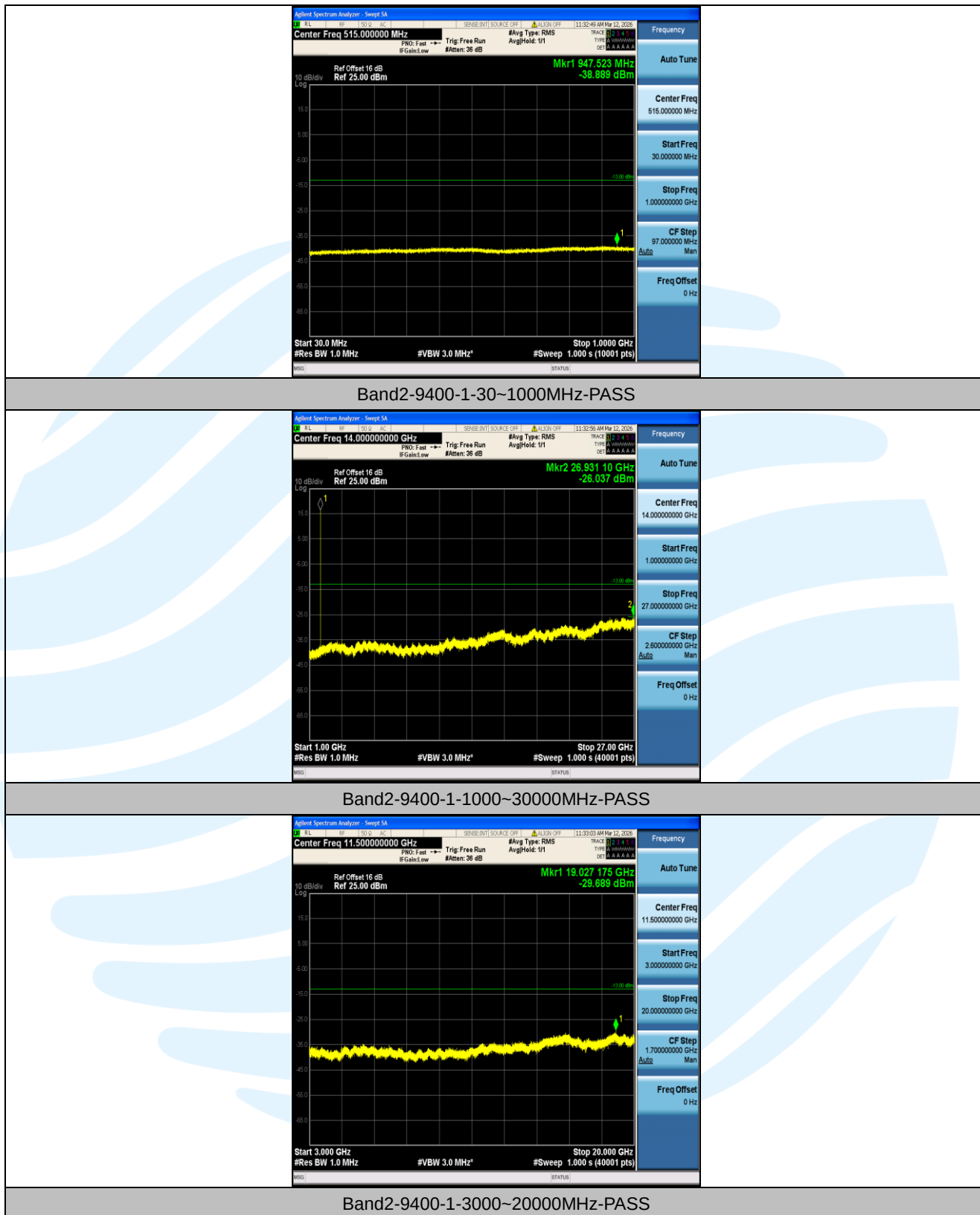


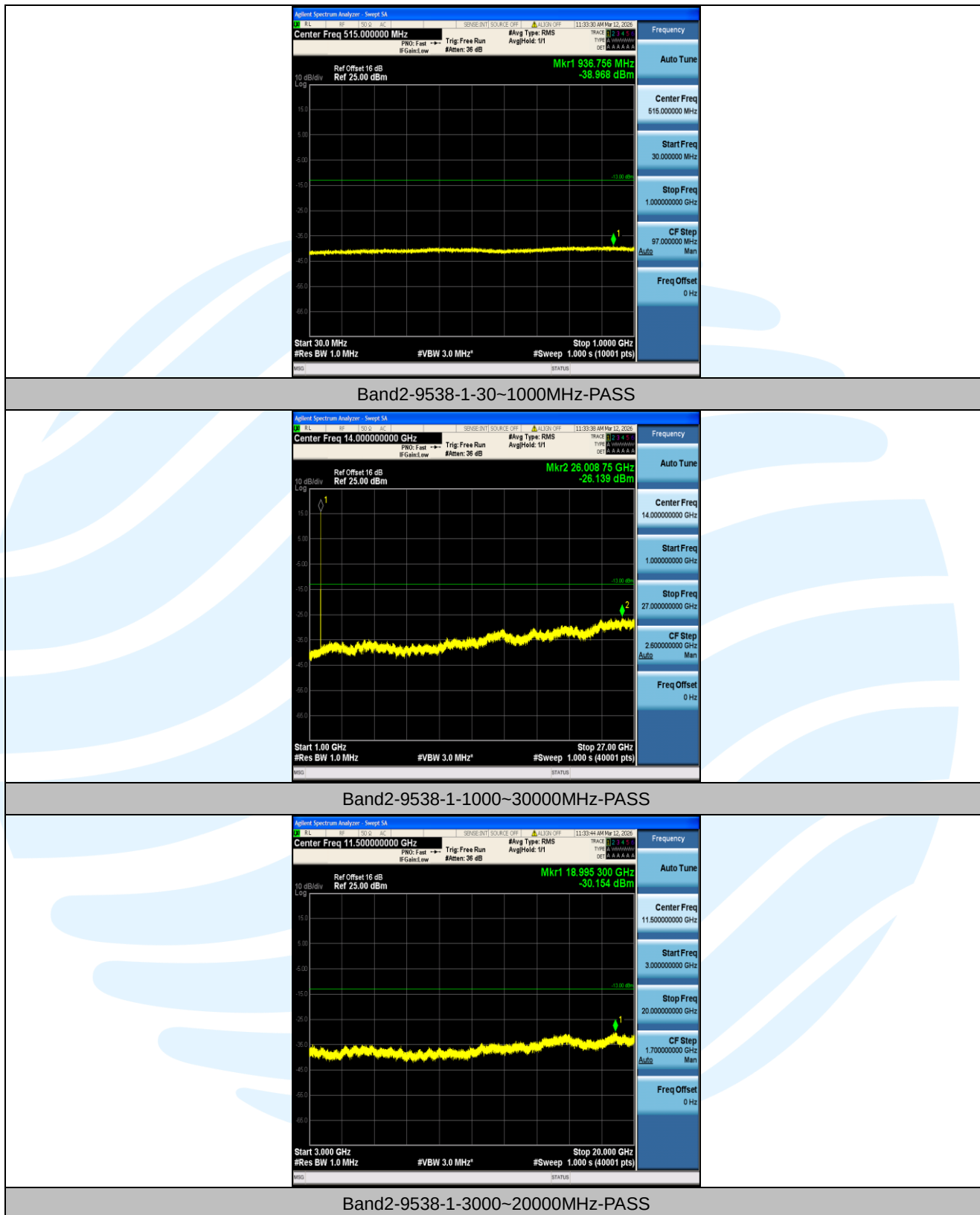


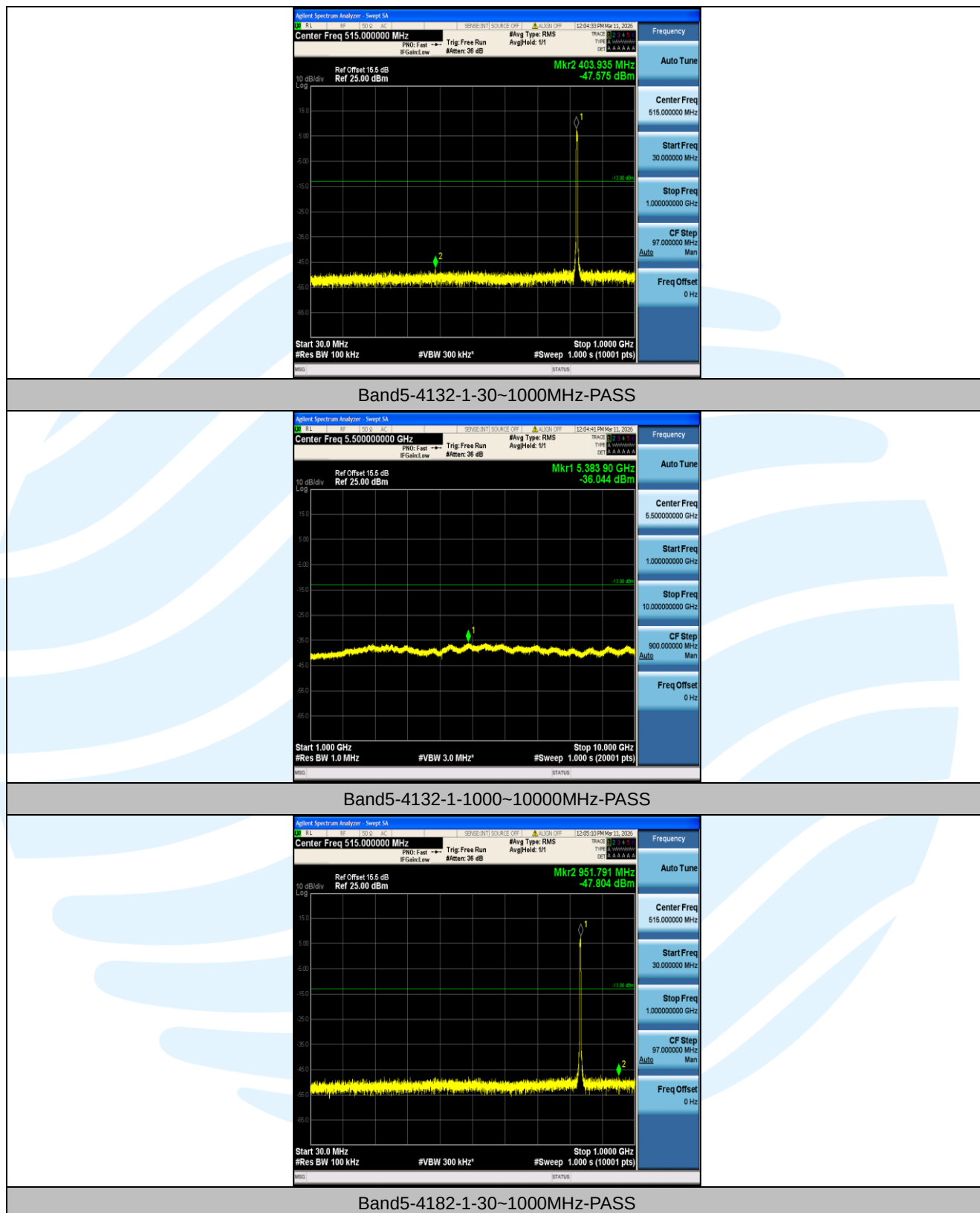


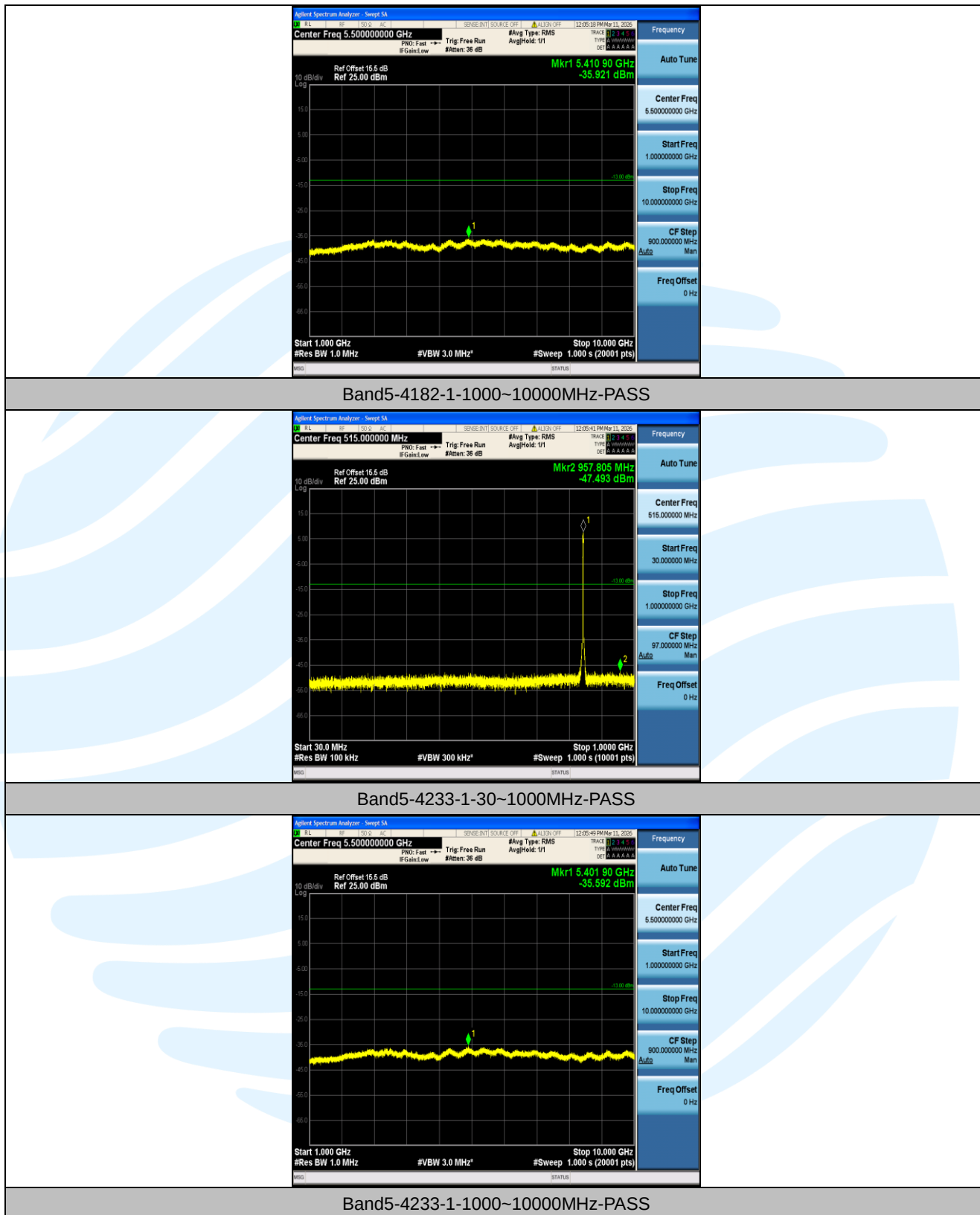
Test Graphs(HSUPA)











B 5. FREQUENCY STABILITY

Test Result(WCDMA)

Voltage							
Band	Channel	Voltage (Vdc)	Temp. (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9400	VN	NT	0.94	0.000500	±2.5	PASS
Band2	9400	VL	NT	0.61	0.000324	±2.5	PASS
Band2	9400	VH	NT	3.58	0.001904	±2.5	PASS
Band5	4182	VN	NT	0.21	0.000251	±2.5	PASS
Band5	4182	VL	NT	-0.14	-0.000167	±2.5	PASS
Band5	4182	VH	NT	-0.65	-0.000777	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Tempe. (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9400	NV	-30	-5.86	-0.003117	±2.5	PASS
Band2	9400	NV	-20	4.63	0.002463	±2.5	PASS
Band2	9400	NV	-10	-1.47	-0.000782	±2.5	PASS
Band2	9400	NV	0	-0.18	-0.000096	±2.5	PASS
Band2	9400	NV	10	1.67	0.000888	±2.5	PASS
Band2	9400	NV	20	2.42	0.001287	±2.5	PASS
Band2	9400	NV	30	-7.52	-0.004000	±2.5	PASS
Band2	9400	NV	40	-7.45	-0.003963	±2.5	PASS
Band2	9400	NV	50	-6.82	-0.003628	±2.5	PASS
Band5	4182	NV	-30	0.31	0.000371	±2.5	PASS
Band5	4182	NV	-20	-0.21	-0.000251	±2.5	PASS
Band5	4182	NV	-10	0.74	0.000885	±2.5	PASS
Band5	4182	NV	0	0.04	0.000048	±2.5	PASS
Band5	4182	NV	10	0.97	0.001160	±2.5	PASS
Band5	4182	NV	20	-0.48	-0.000574	±2.5	PASS
Band5	4182	NV	30	-1.24	-0.001483	±2.5	PASS
Band5	4182	NV	40	-1.94	-0.002319	±2.5	PASS
Band5	4182	NV	50	0.97	0.001160	±2.5	PASS