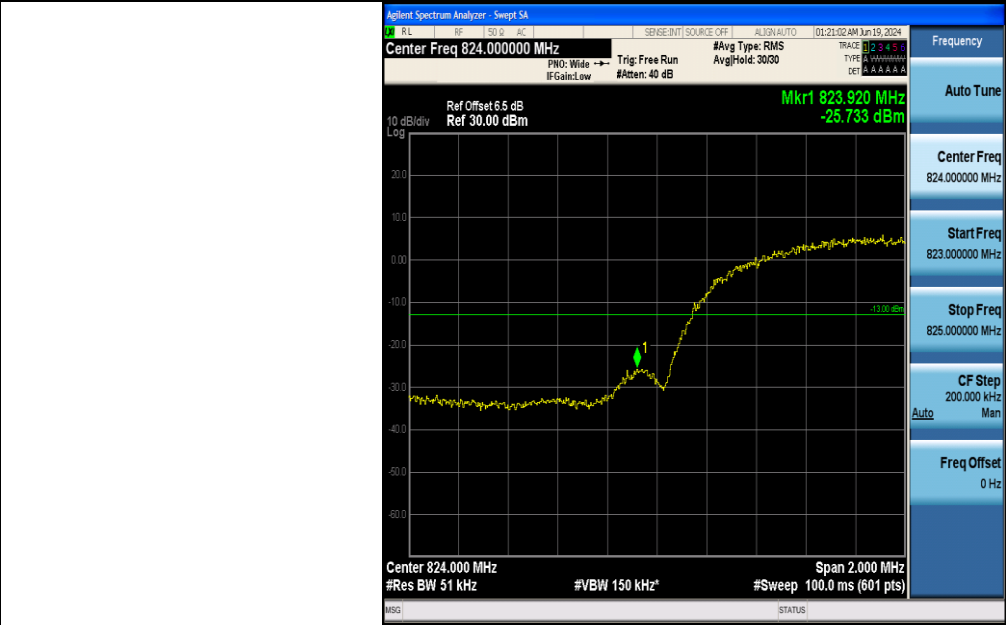




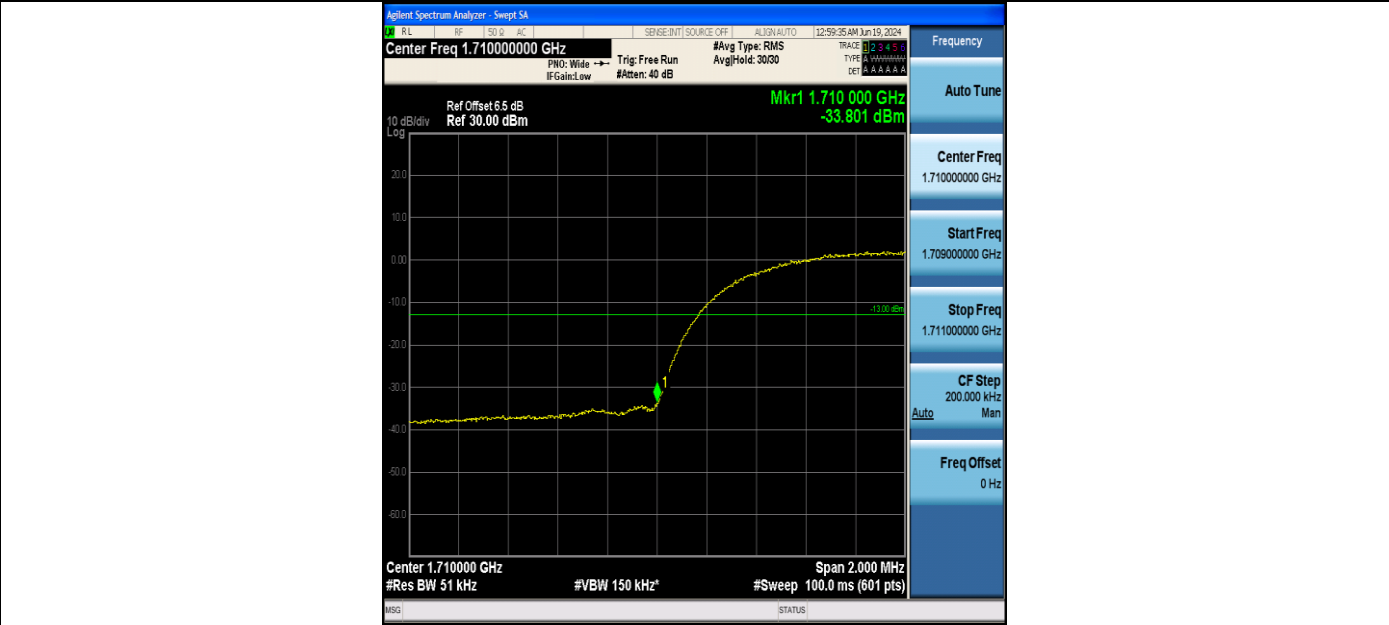
Band5-4132-1-PASS



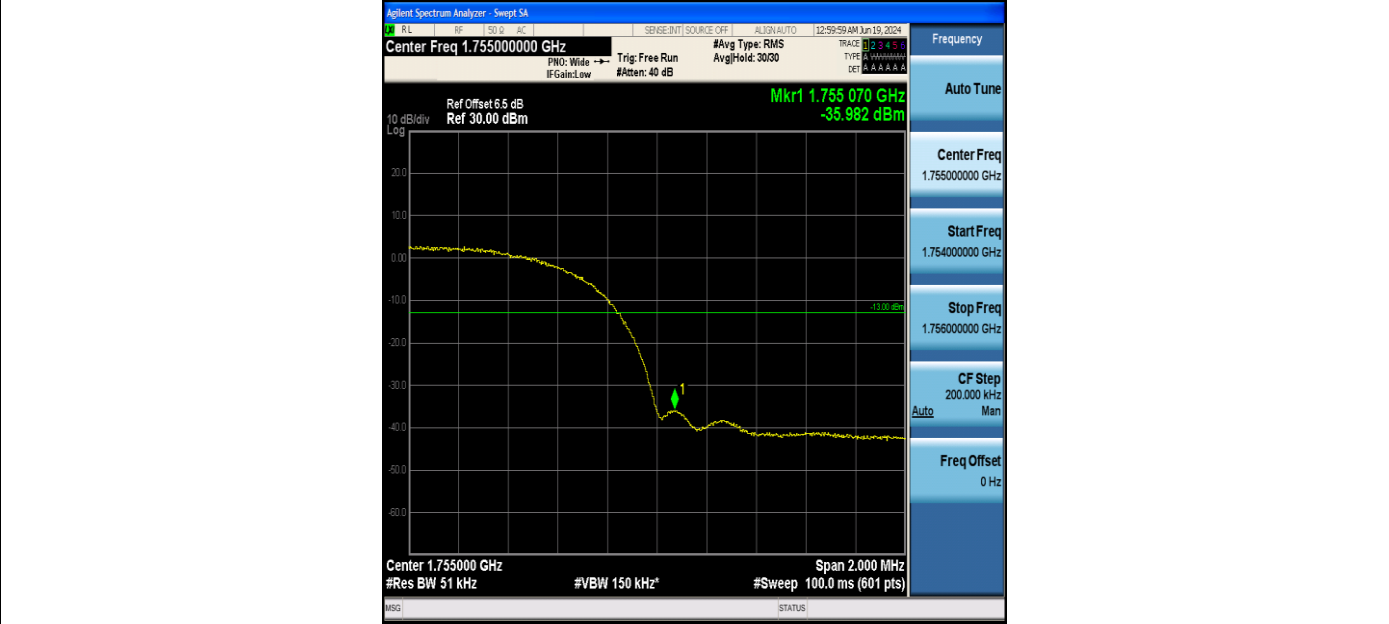
Band5-4233-1-PASS

Test Graphs(HSUPA)





Band4-1312-1-PASS



Band4-1513-1-PASS



Band5-4132-1-PASS



Band5-4233-1-PASS

APPENDIX B4: CONDUCTED SPURIOUS EMISSION

Test Result(WCDMA)

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	30~1000MHz	919.01	-48.95	-13	PASS
Band2	9262	1000~20000MHz	19008.2	-39.25	-13	PASS
Band2	9400	30~1000MHz	905.91	-49.03	-13	PASS
Band2	9400	1000~20000MHz	18963.08	-38.83	-13	PASS
Band2	9538	30~1000MHz	912.22	-48.94	-13	PASS
Band2	9538	1000~20000MHz	18941.23	-39.1	-13	PASS
Band4	1312	30~1000MHz	941.8	-49.04	-13	PASS
Band4	1312	1000~20000MHz	16412.33	-39.17	-13	PASS
Band4	1413	30~1000MHz	914.16	-48.95	-13	PASS
Band4	1413	1000~20000MHz	18925.08	-39.39	-13	PASS
Band4	1513	30~1000MHz	928.71	-48.95	-13	PASS
Band4	1513	1000~20000MHz	18963.08	-39	-13	PASS
Band5	4132	30~1000MHz	944.71	-58.23	-13	PASS
Band5	4132	1000~10000MHz	5377.6	-44.56	-13	PASS
Band5	4182	30~1000MHz	949.56	-58.38	-13	PASS
Band5	4182	1000~10000MHz	5347	-44.65	-13	PASS
Band5	4233	30~1000MHz	947.62	-57.95	-13	PASS
Band5	4233	1000~10000MHz	5828.5	-43.98	-13	PASS

Test Result(HSDPA)

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	1	30~1000MHz	930.16	-48.97	-13	PASS
Band2	9262	1	1000~20000MHz	18901.8	-39.09	-13	PASS
Band2	9400	1	30~1000MHz	946.17	-49.06	-13	PASS
Band2	9400	1	1000~20000MHz	16396.18	-39.44	-13	PASS
Band2	9538	1	30~1000MHz	935.5	-48.99	-13	PASS
Band2	9538	1	1000~20000MHz	18876.63	-39.47	-13	PASS
Band4	1312	1	30~1000MHz	912.22	-48.95	-13	PASS
Band4	1312	1	1000~20000MHz	18909.88	-39.05	-13	PASS
Band4	1413	1	30~1000MHz	906.4	-48.85	-13	PASS
Band4	1413	1	1000~20000MHz	18920.33	-38.82	-13	PASS
Band4	1513	1	30~1000MHz	914.16	-49.02	-13	PASS
Band4	1513	1	1000~20000MHz	18948.35	-39.27	-13	PASS
Band5	4132	1	30~1000MHz	927.74	-57.96	-13	PASS
Band5	4132	1	1000~10000MHz	5352.85	-44.29	-13	PASS
Band5	4182	1	30~1000MHz	950.53	-57.97	-13	PASS
Band5	4182	1	1000~10000MHz	6268.15	-44.4	-13	PASS
Band5	4233	1	30~1000MHz	968.96	-57.83	-13	PASS
Band5	4233	1	1000~10000MHz	5801.95	-44.48	-13	PASS

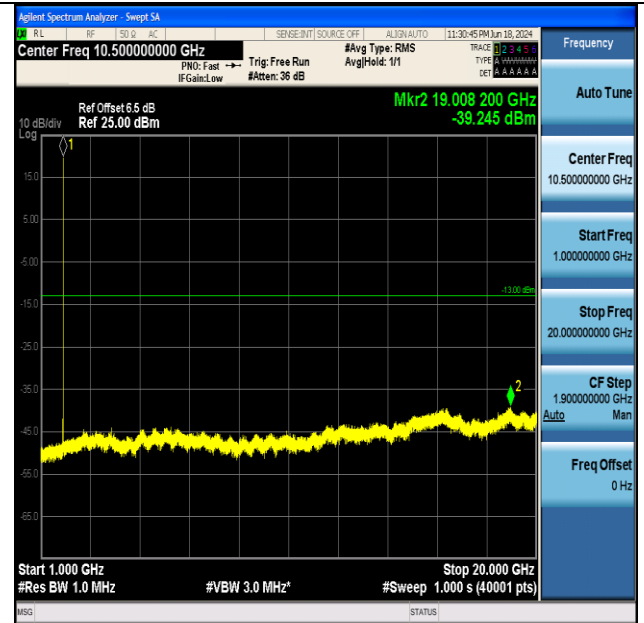
Test Result(HSUPA)

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	1	30~1000MHz	935.5	-48.97	-13	PASS
Band2	9262	1	1000~20000MHz	18988.25	-39.41	-13	PASS
Band2	9400	1	30~1000MHz	920.95	-49	-13	PASS
Band2	9400	1	1000~20000MHz	19471.8	-39.34	-13	PASS
Band2	9538	1	30~1000MHz	907.37	-48.93	-13	PASS
Band2	9538	1	1000~20000MHz	18943.6	-39.14	-13	PASS
Band4	1312	1	30~1000MHz	900.58	-48.94	-13	PASS
Band4	1312	1	1000~20000MHz	19479.4	-39.32	-13	PASS
Band4	1413	1	30~1000MHz	925.31	-48.99	-13	PASS
Band4	1413	1	1000~20000MHz	19040.98	-39.41	-13	PASS
Band4	1513	1	30~1000MHz	802.61	-49.03	-13	PASS
Band4	1513	1	1000~20000MHz	16414.7	-39.37	-13	PASS
Band5	4132	1	30~1000MHz	934.53	-58.05	-13	PASS
Band5	4132	1	1000~10000MHz	6375.7	-44.4	-13	PASS
Band5	4182	1	30~1000MHz	954.41	-58.22	-13	PASS
Band5	4182	1	1000~10000MHz	5839.75	-44.35	-13	PASS
Band5	4233	1	30~1000MHz	950.05	-58.23	-13	PASS
Band5	4233	1	1000~10000MHz	6221.8	-44.23	-13	PASS

Test Graphs(WCDMA)



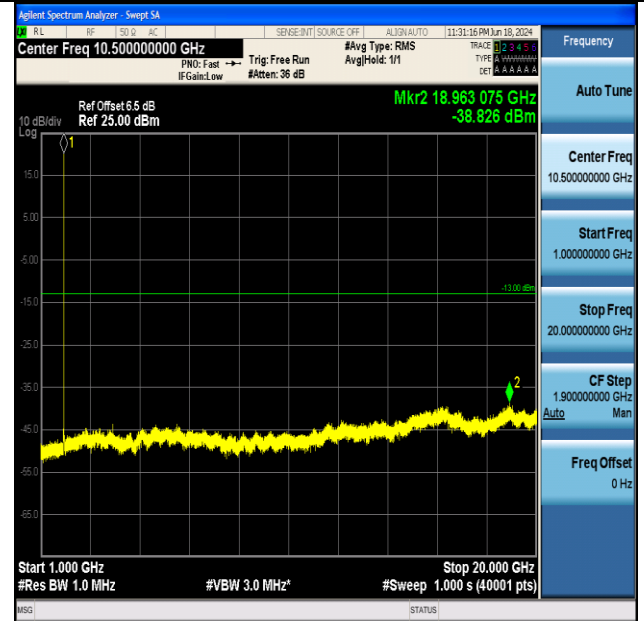
Band2-9262-30~1000MHz-PASS



Band2-9262-1000~20000MHz-PASS



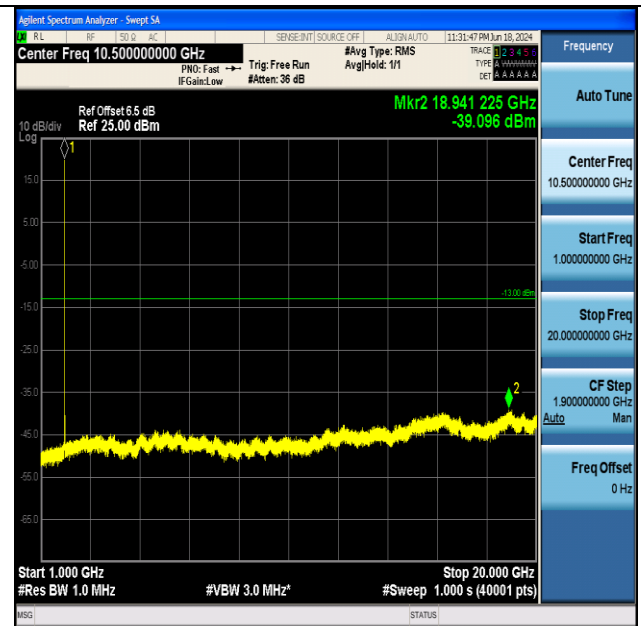
Band2-9400-30~1000MHz-PASS



Band2-9400-1000~20000MHz-PASS



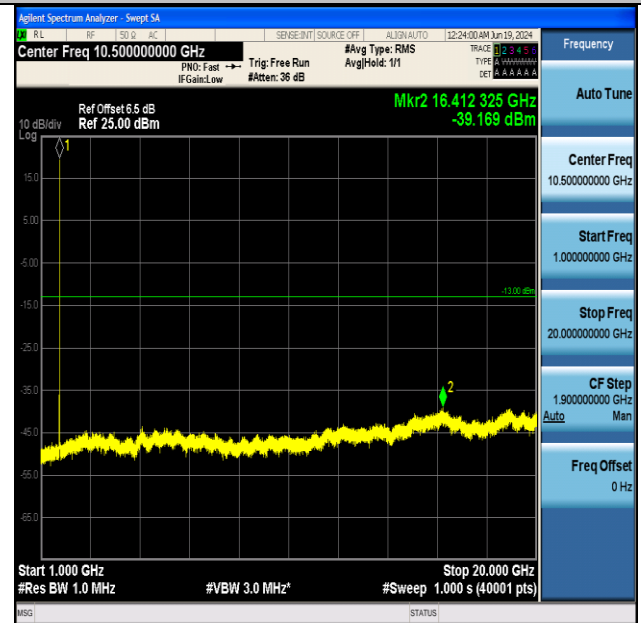
Band2-9538-30~1000MHz-PASS



Band2-9538-1000~20000MHz-PASS



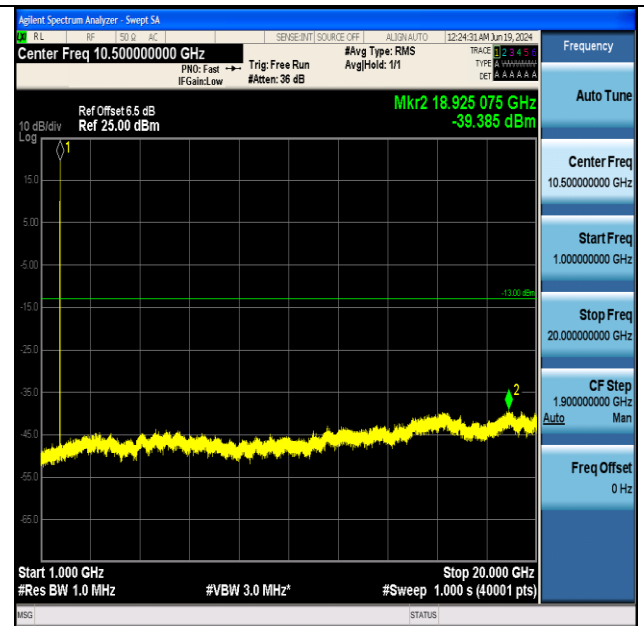
Band4-1312-30~1000MHz-PASS



Band4-1312-1000~20000MHz-PASS



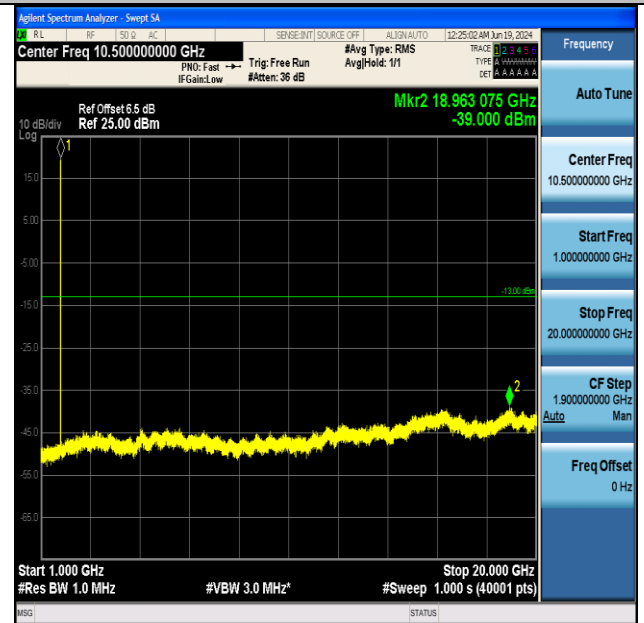
Band4-1413-30~1000MHz-PASS



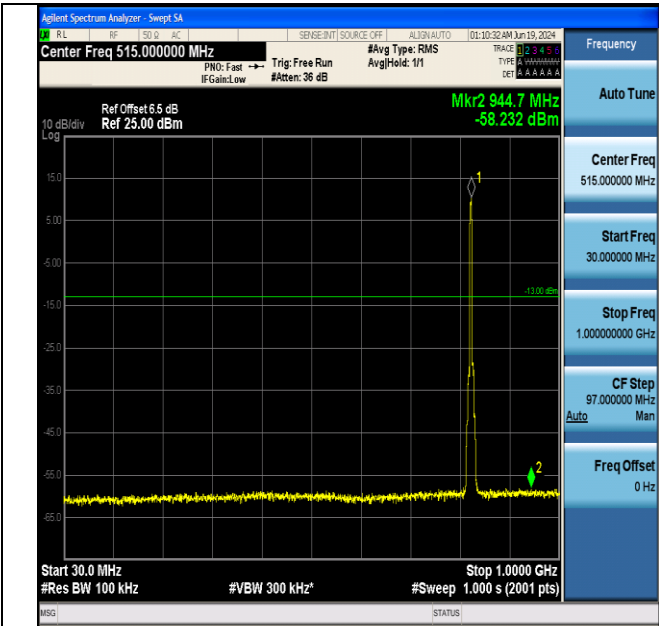
Band4-1413-1000~20000MHz-PASS



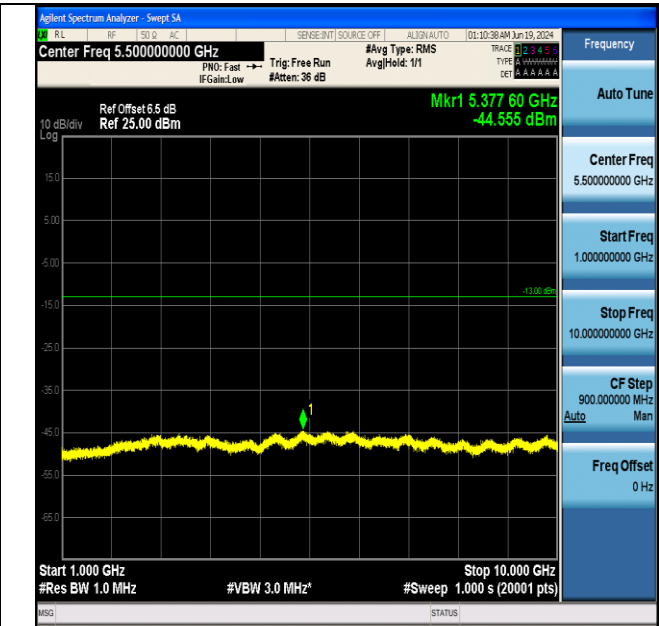
Band4-1513-30~1000MHz-PASS



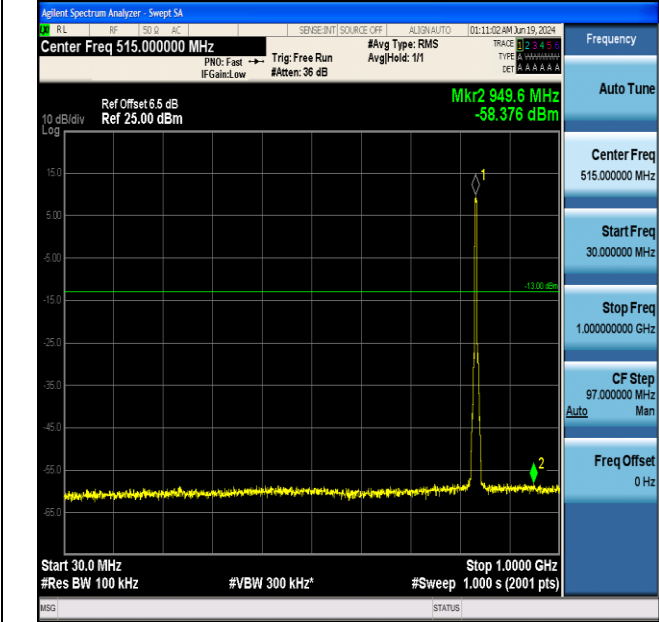
Band4-1513-1000~20000MHz-PASS



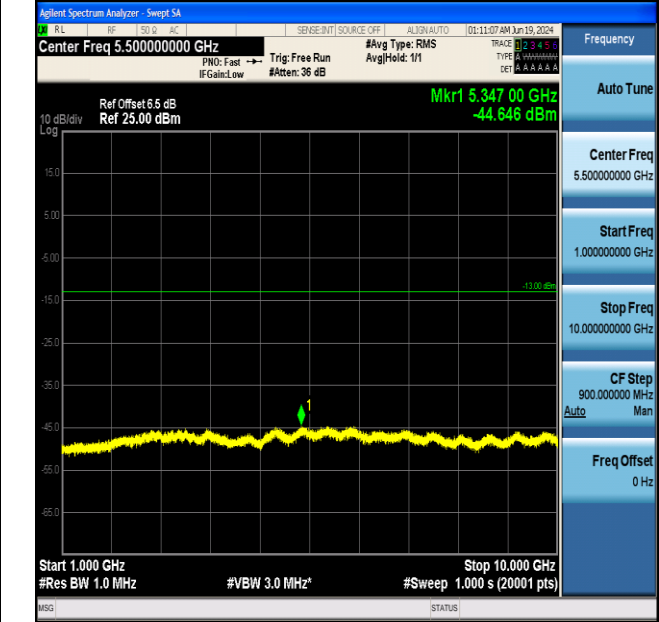
Band5-4132-30~1000MHz-PASS



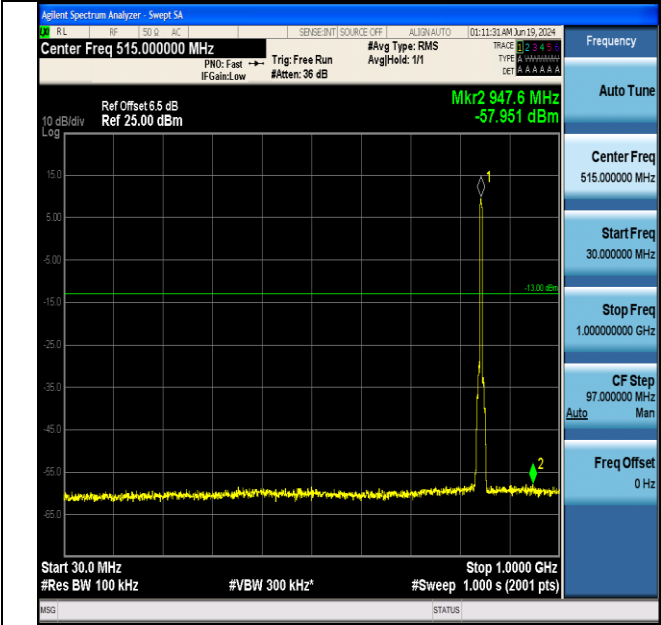
Band5-4132-1000~10000MHz-PASS



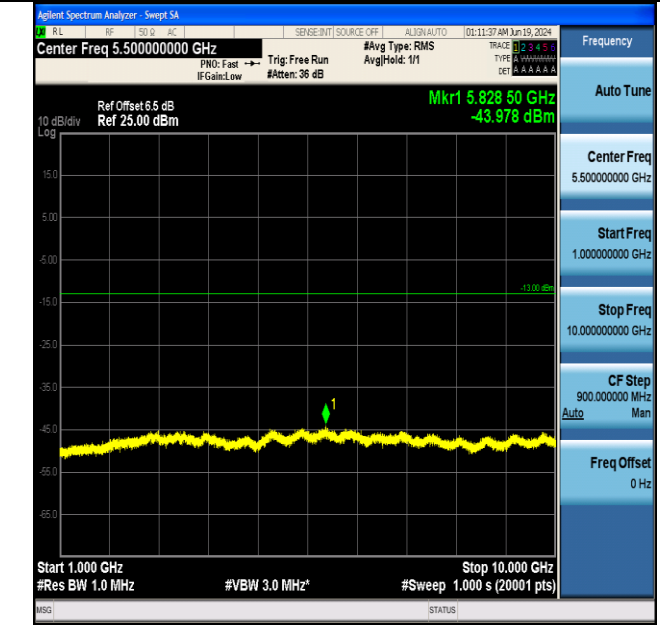
Band5-4182-30~1000MHz-PASS



Band5-4182-1000~10000MHz-PASS



Band5-4233-30~1000MHz-PASS

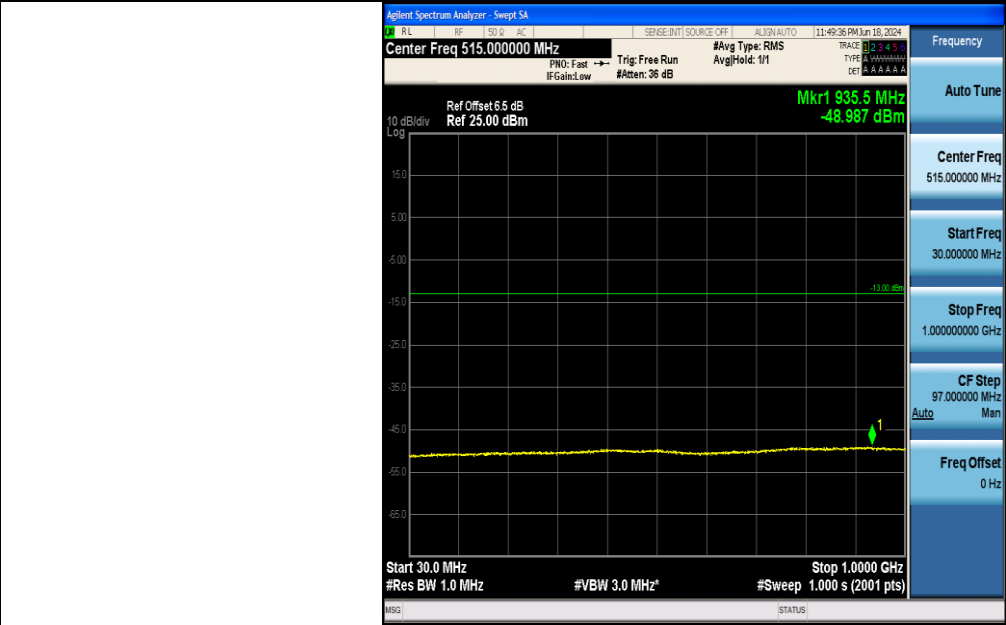


Band5-4233-1000~10000MHz-PASS

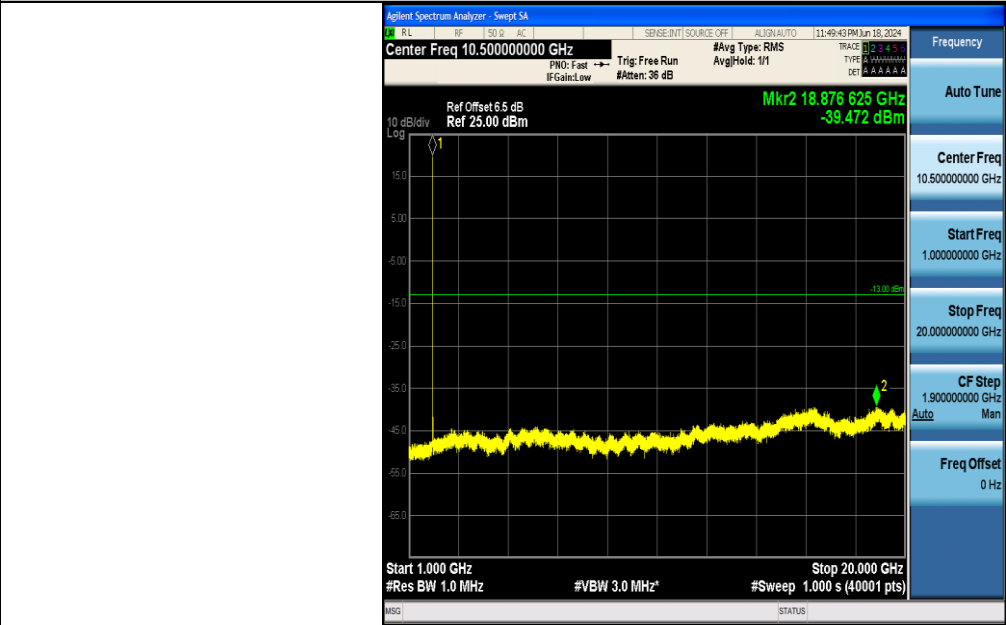
Test Graphs(HSDPA)



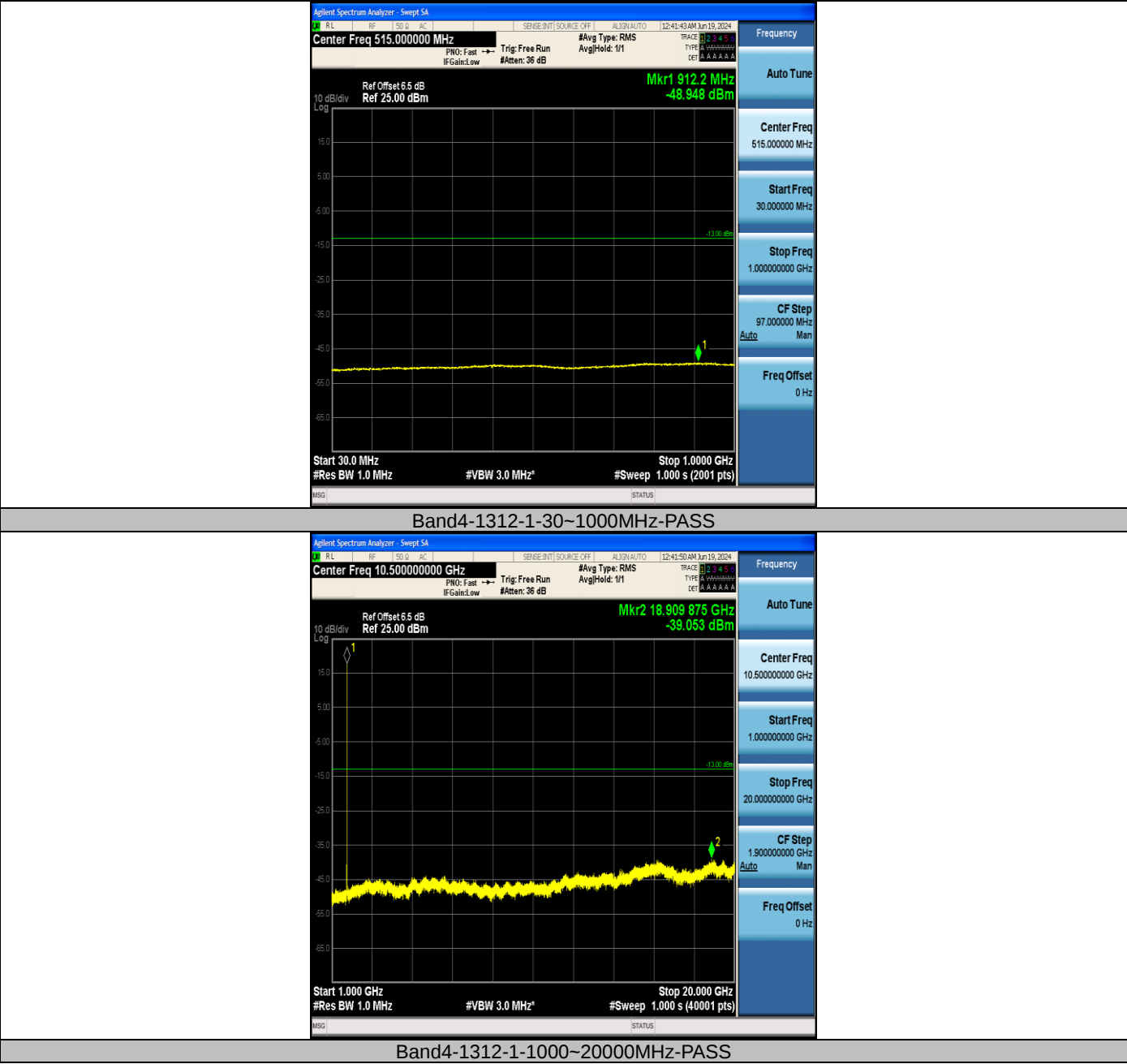


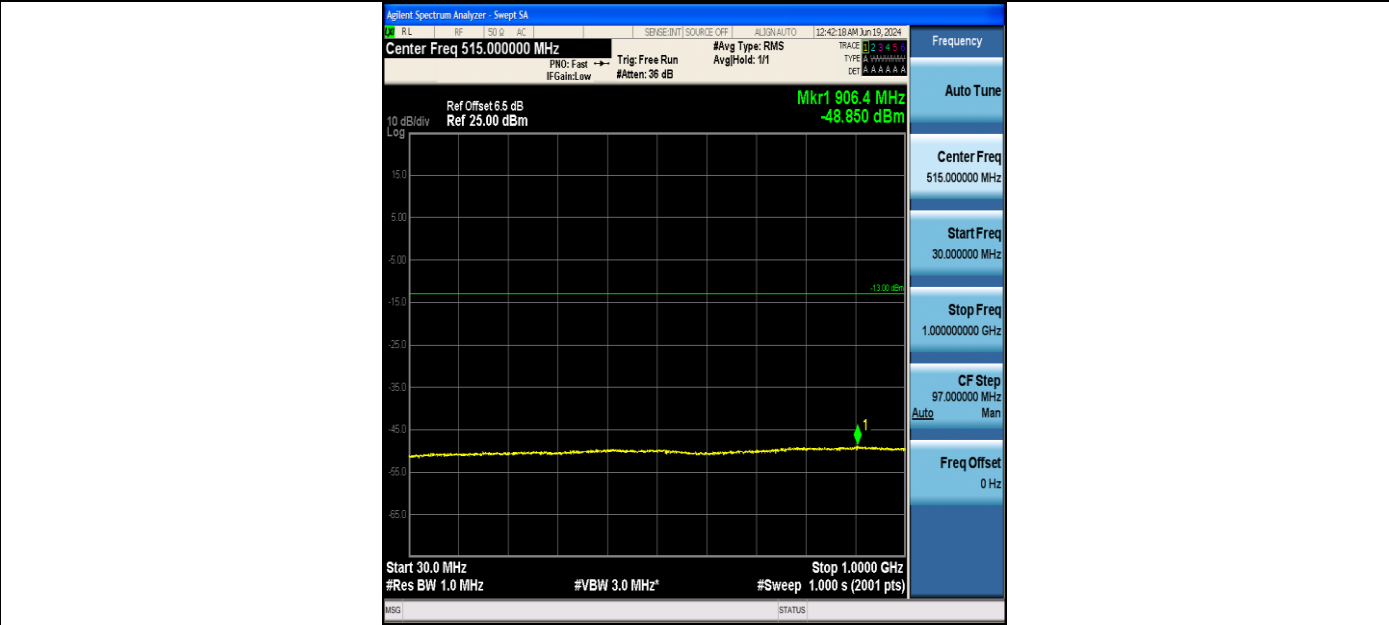


Band2-9538-1-30~1000MHz-PASS

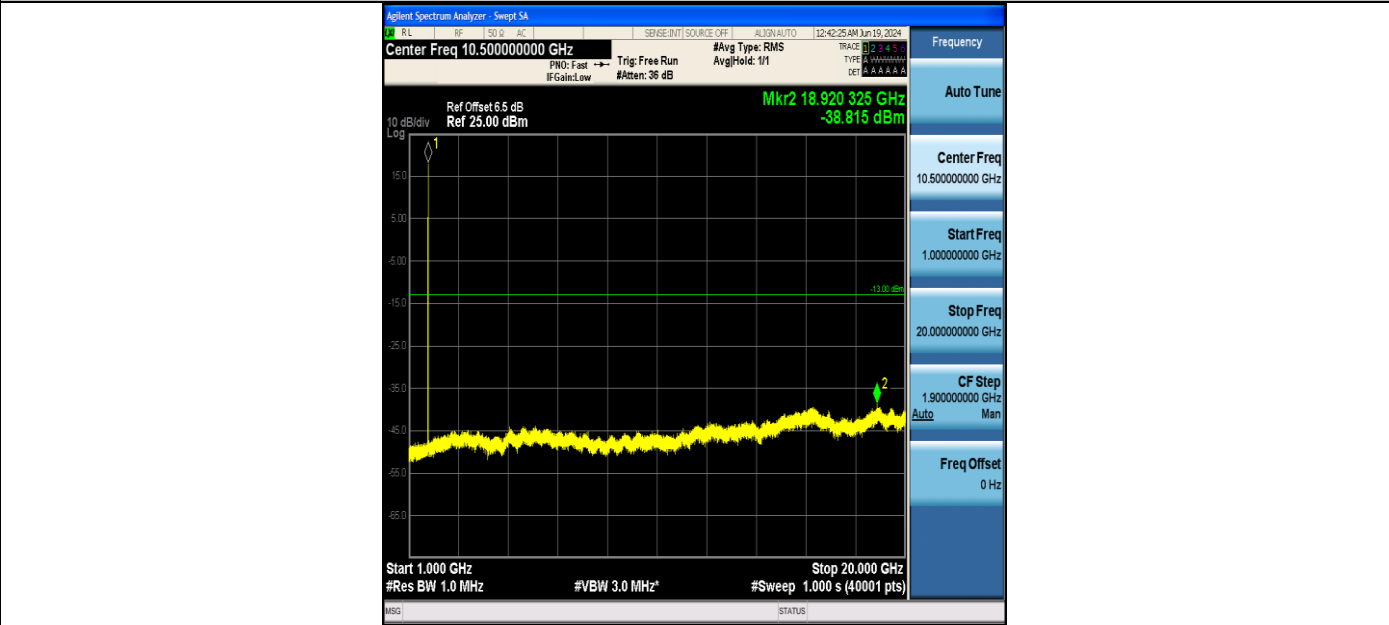


Band2-9538-1-1000~20000MHz-PASS

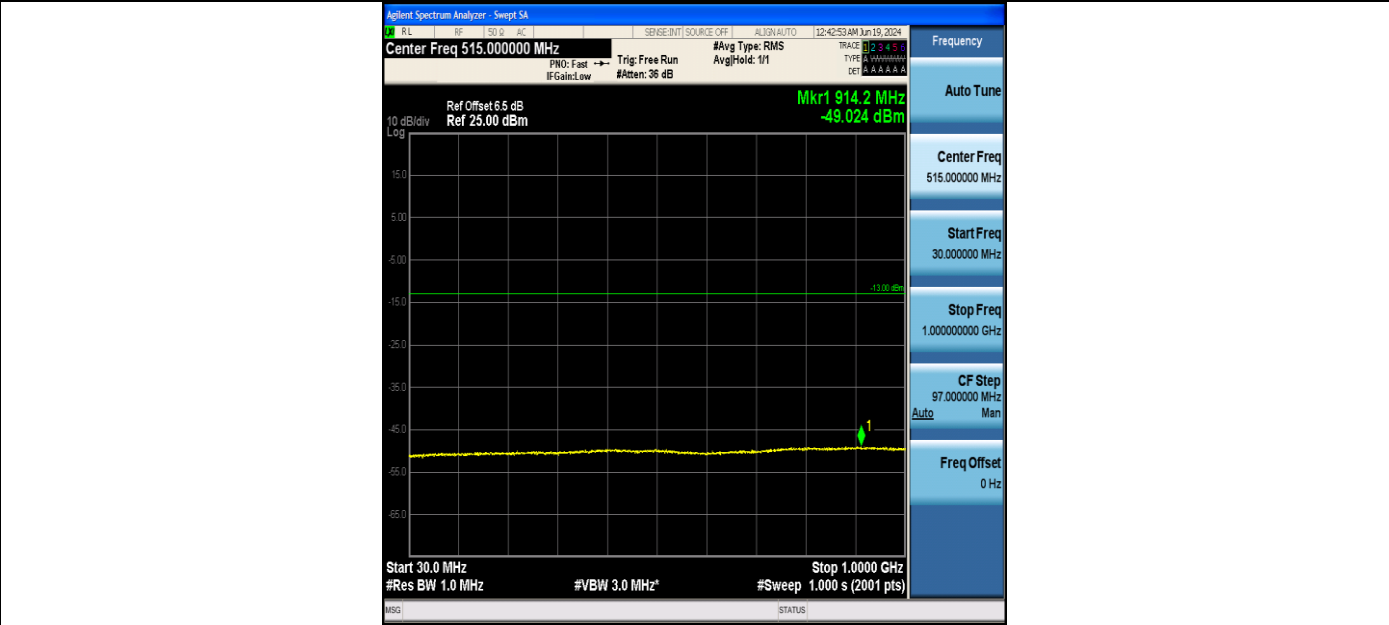




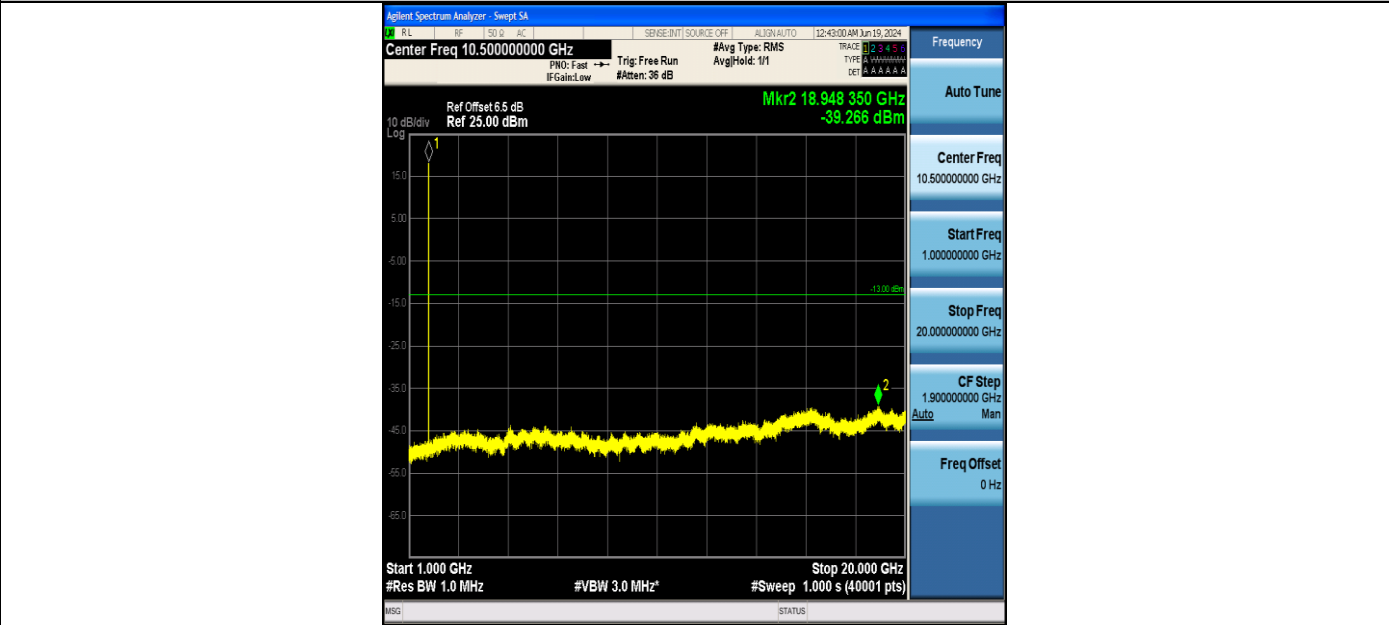
Band4-1413-1-30~1000MHz-PASS



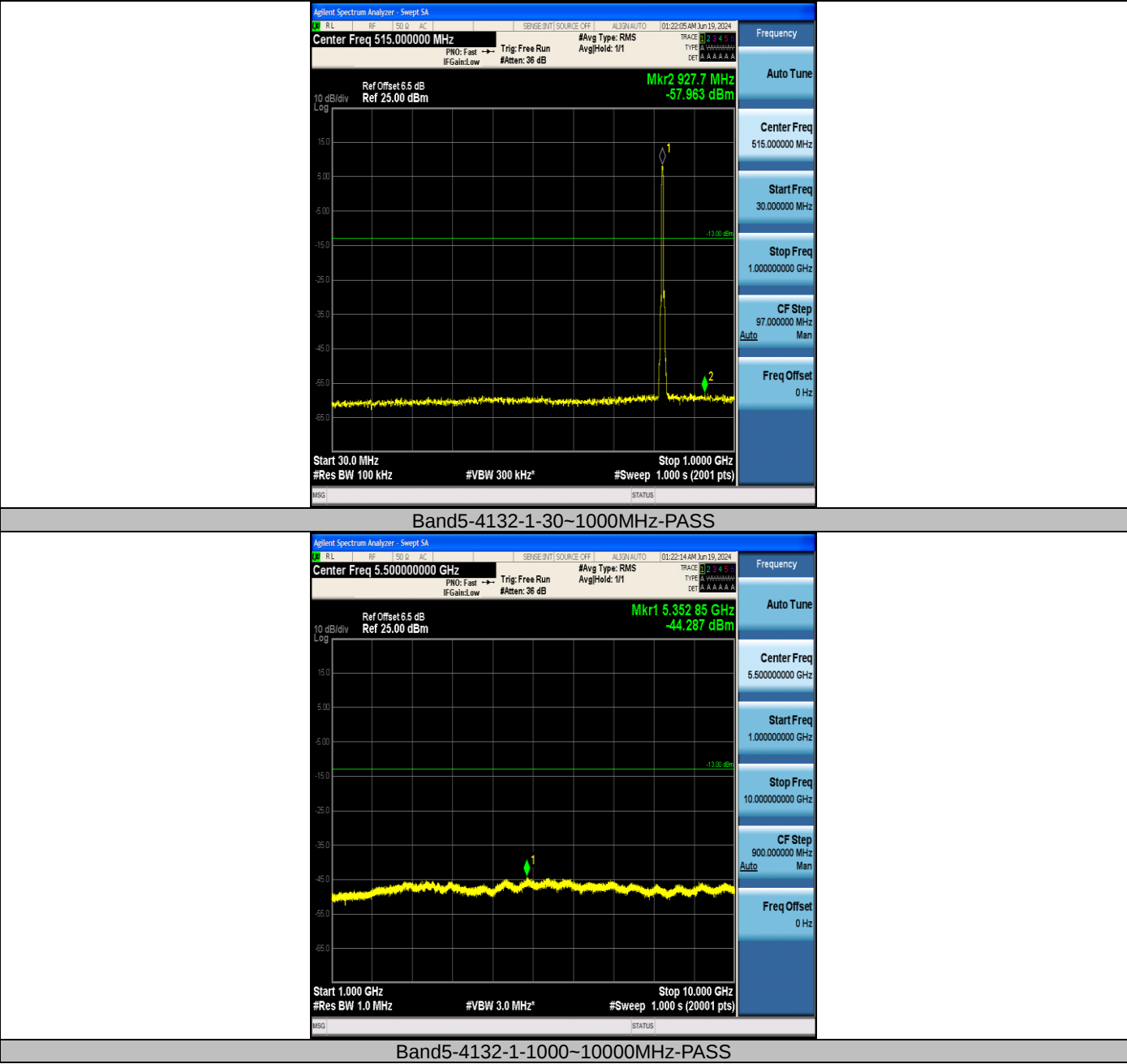
Band4-1413-1-1000~20000MHz-PASS

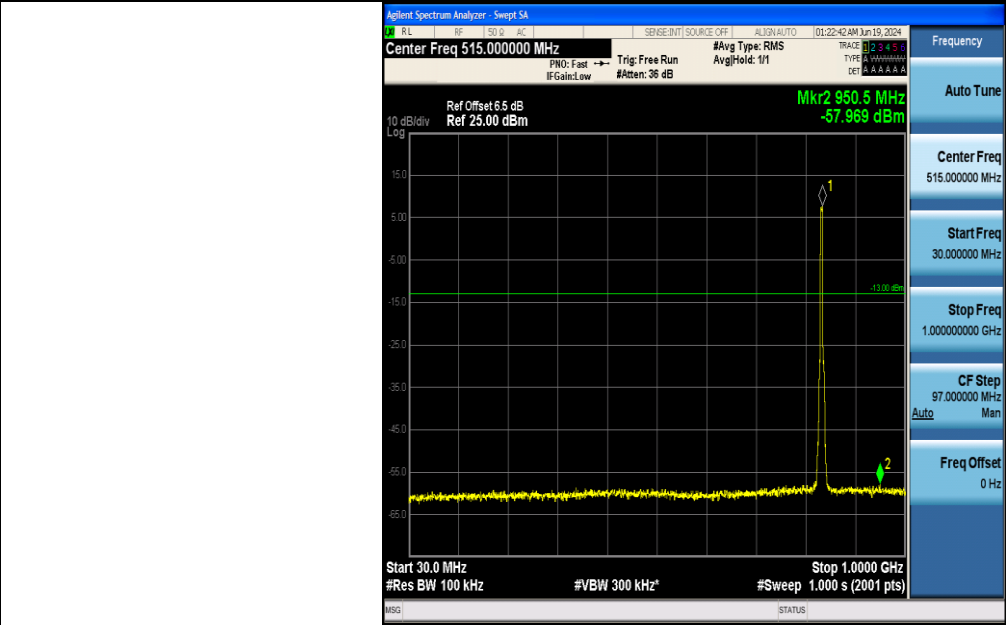


Band4-1513-1-30~1000MHz-PASS

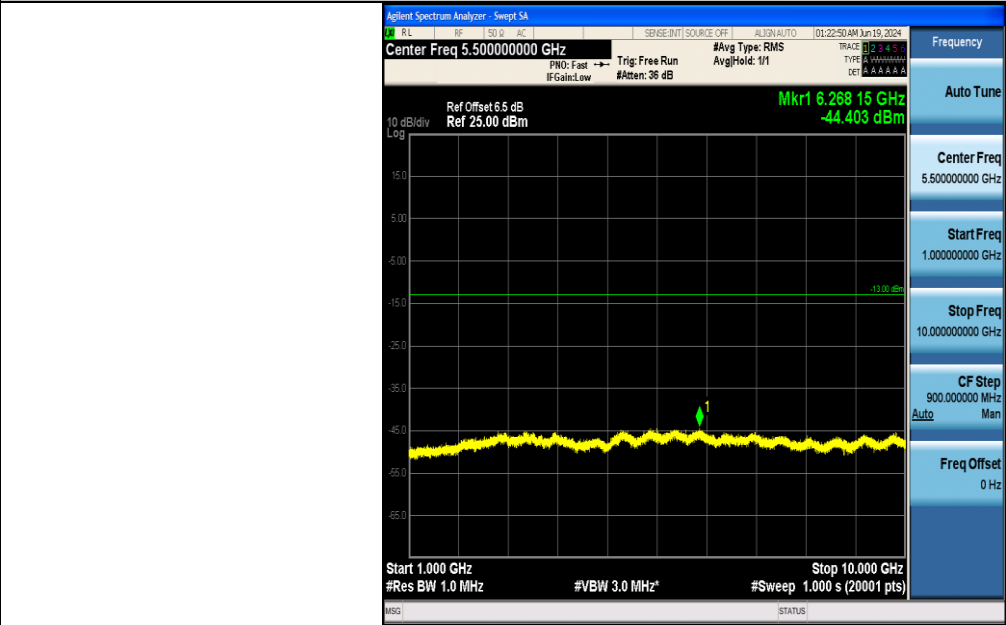


Band4-1513-1-1000~20000MHz-PASS

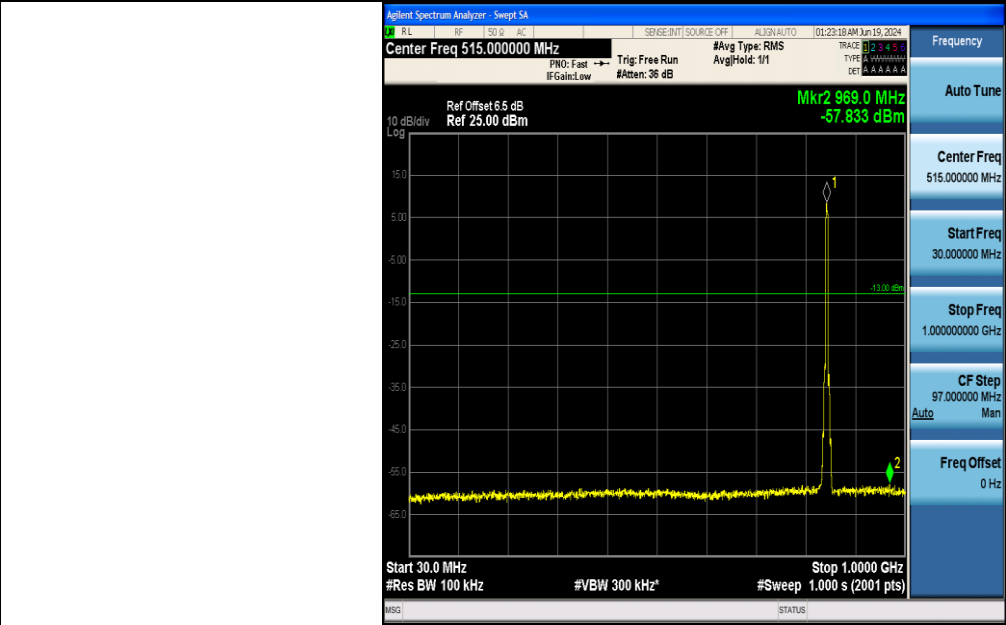




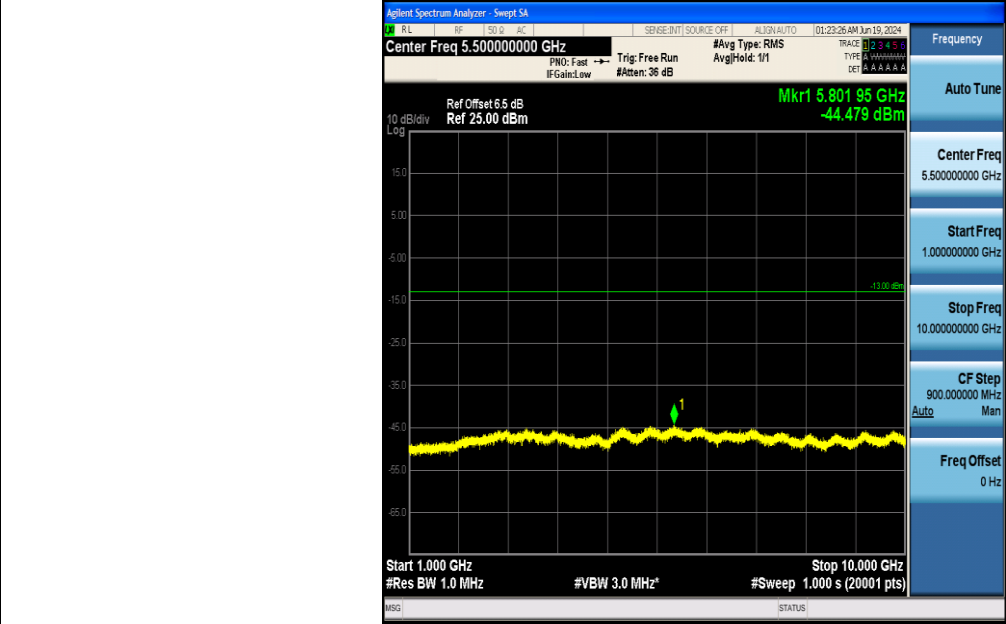
Band5-4182-1-30~1000MHz-PASS



Band5-4182-1-1000~10000MHz-PASS



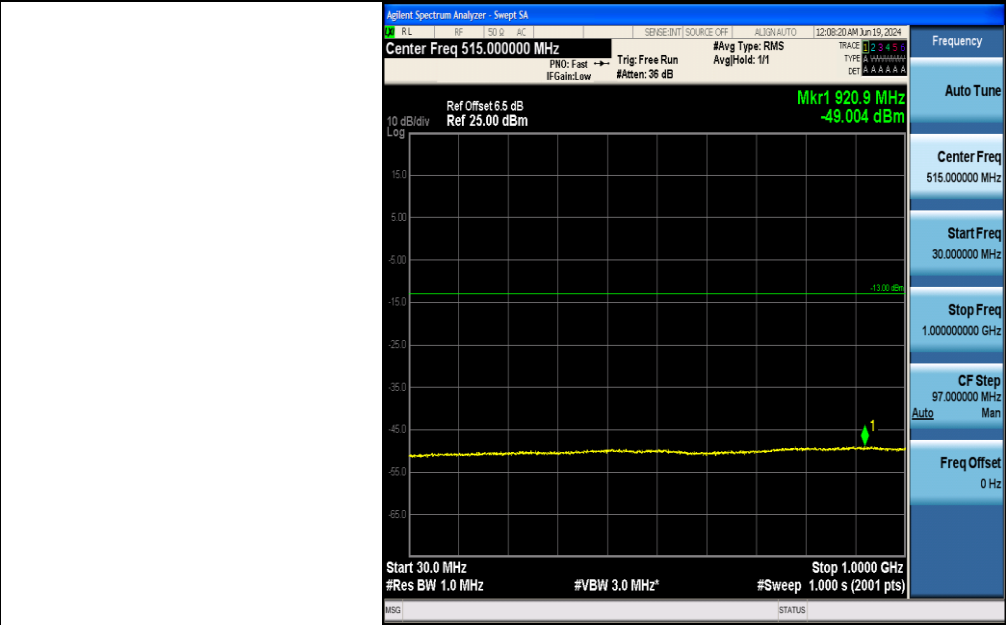
Band5-4233-1-30~1000MHz-PASS



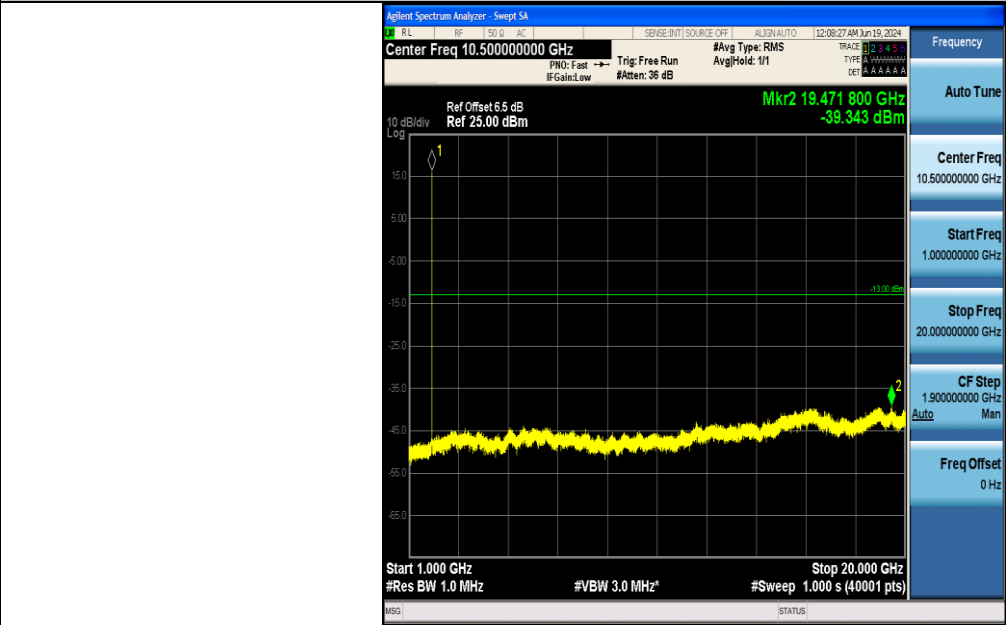
Band5-4233-1-1000~10000MHz-PASS

Test Graphs(HSUPA)

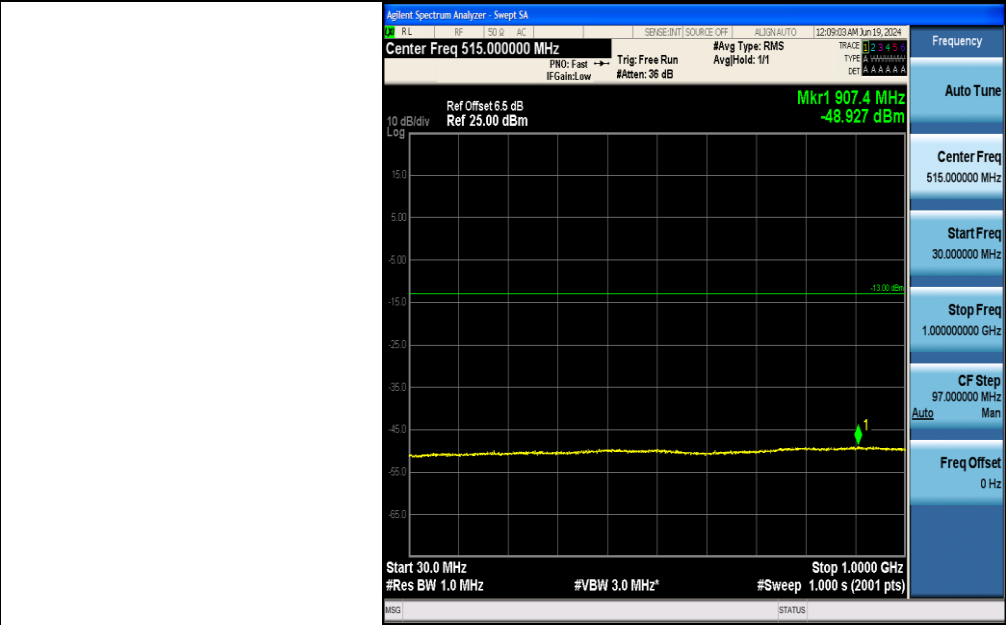




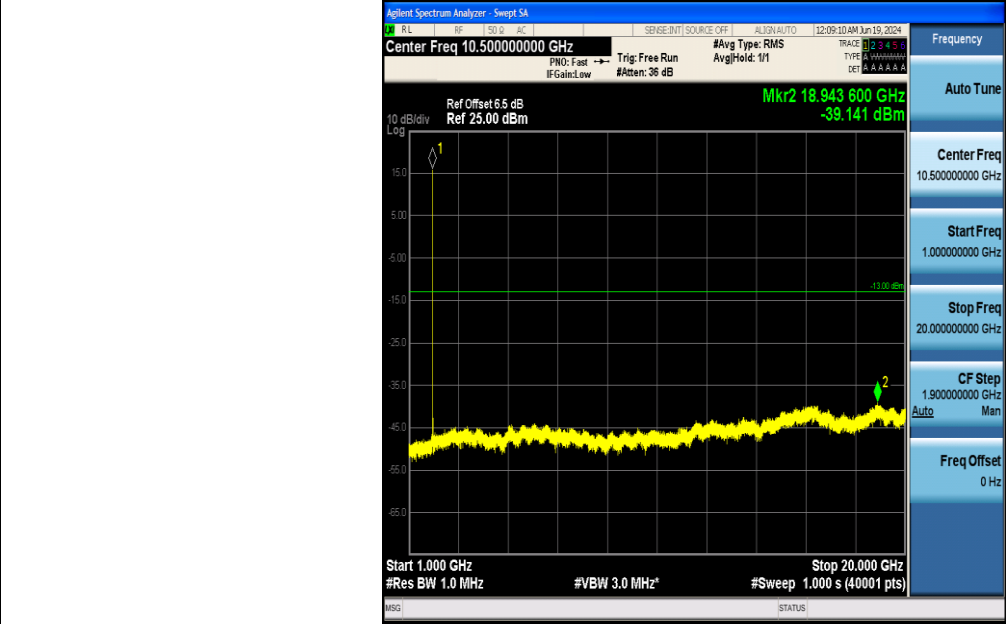
Band2-9400-1-30~1000MHz-PASS



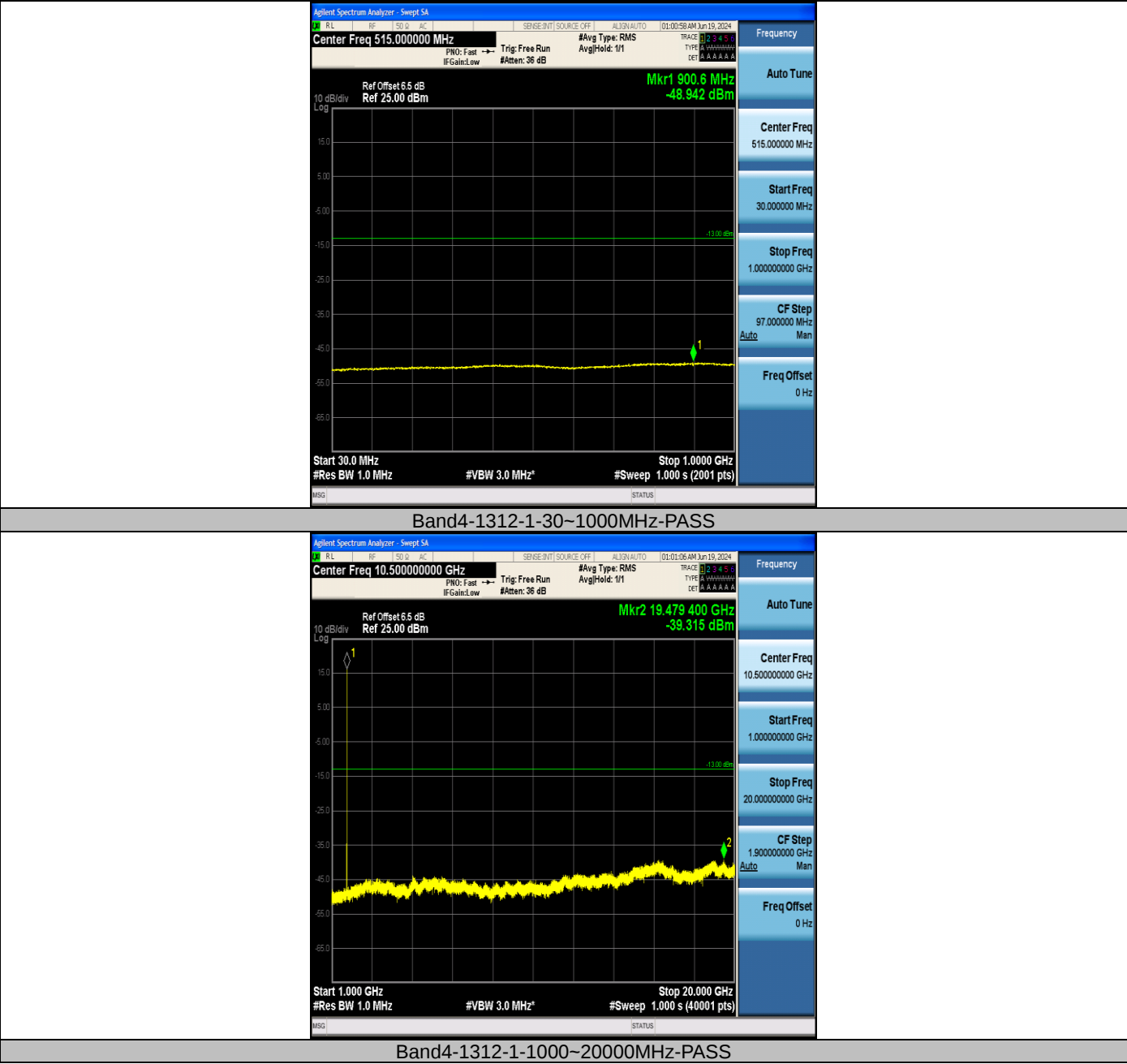
Band2-9400-1-1000~20000MHz-PASS

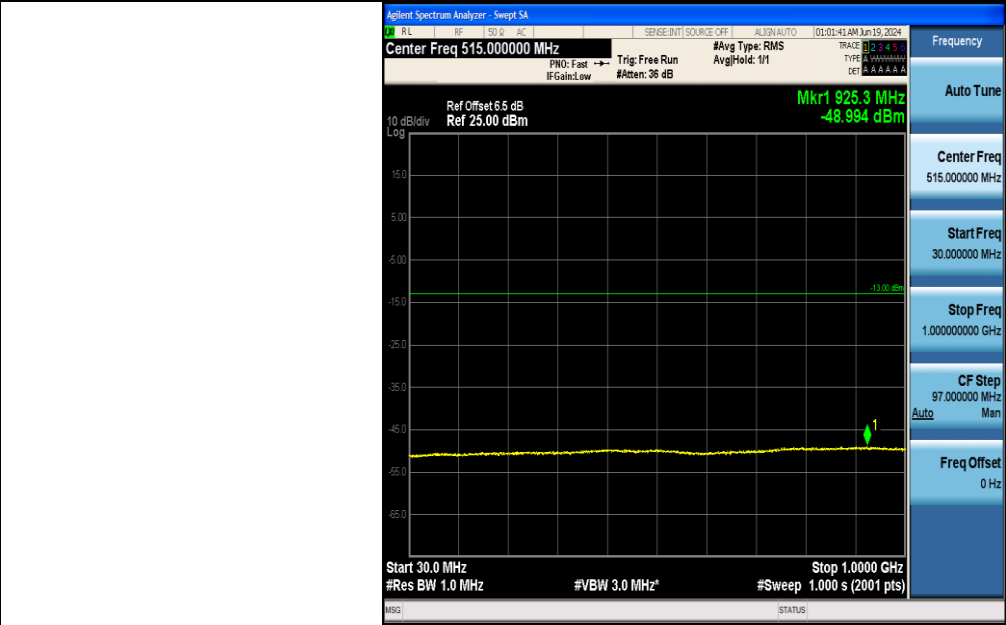


Band2-9538-1-30~1000MHz-PASS

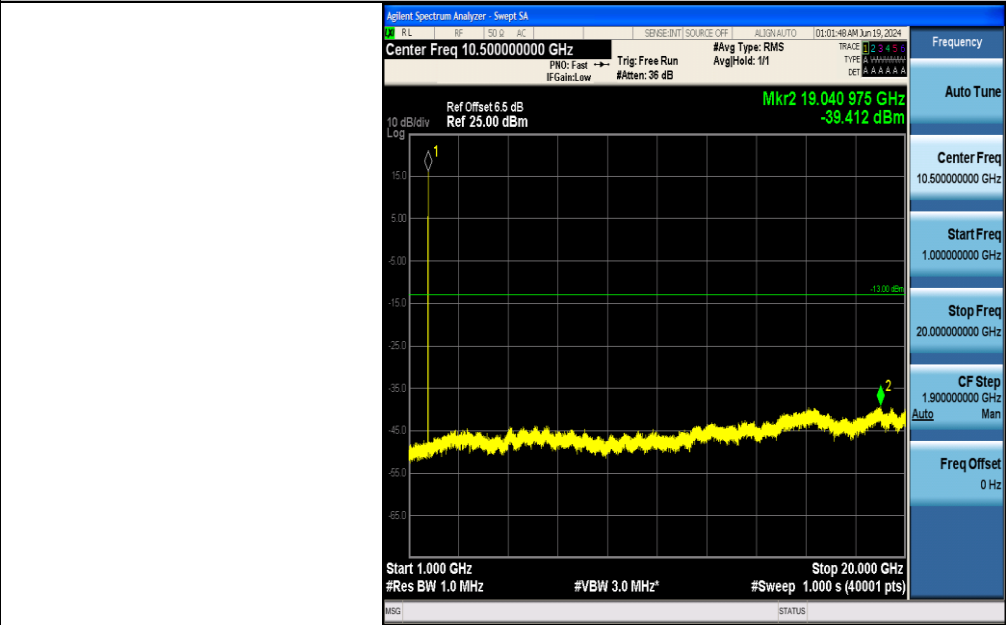


Band2-9538-1-1000~20000MHz-PASS

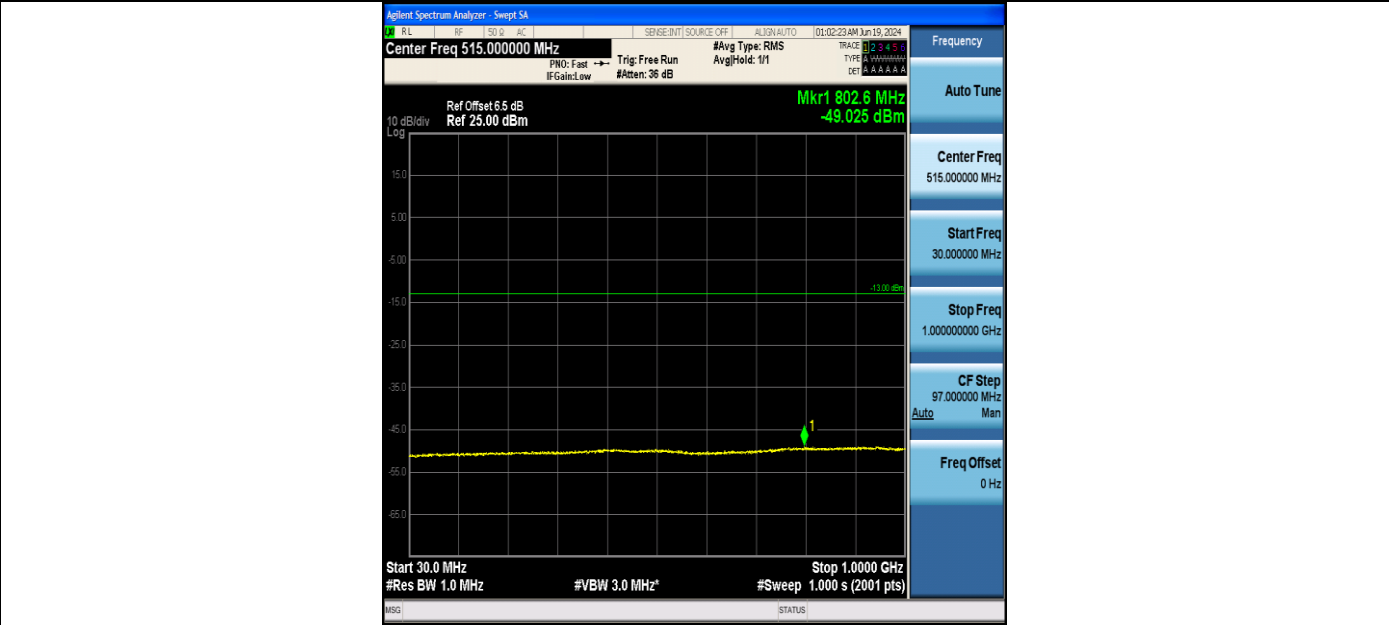




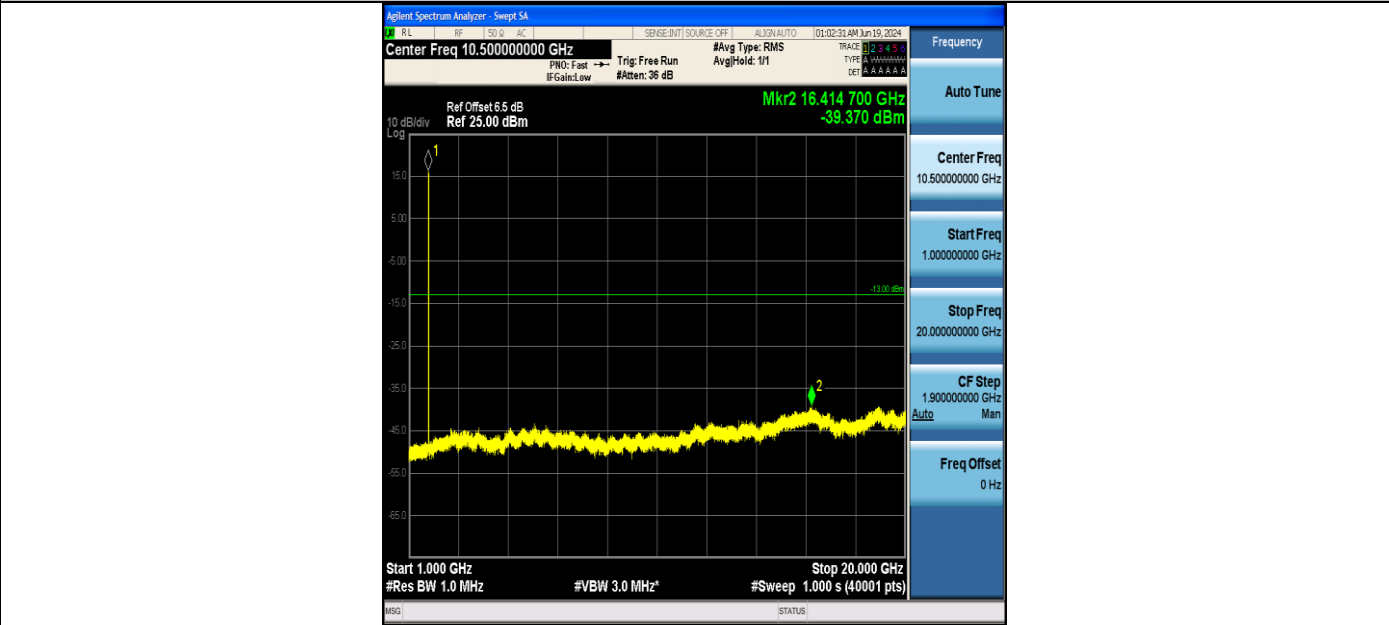
Band4-1413-1-30~1000MHz-PASS



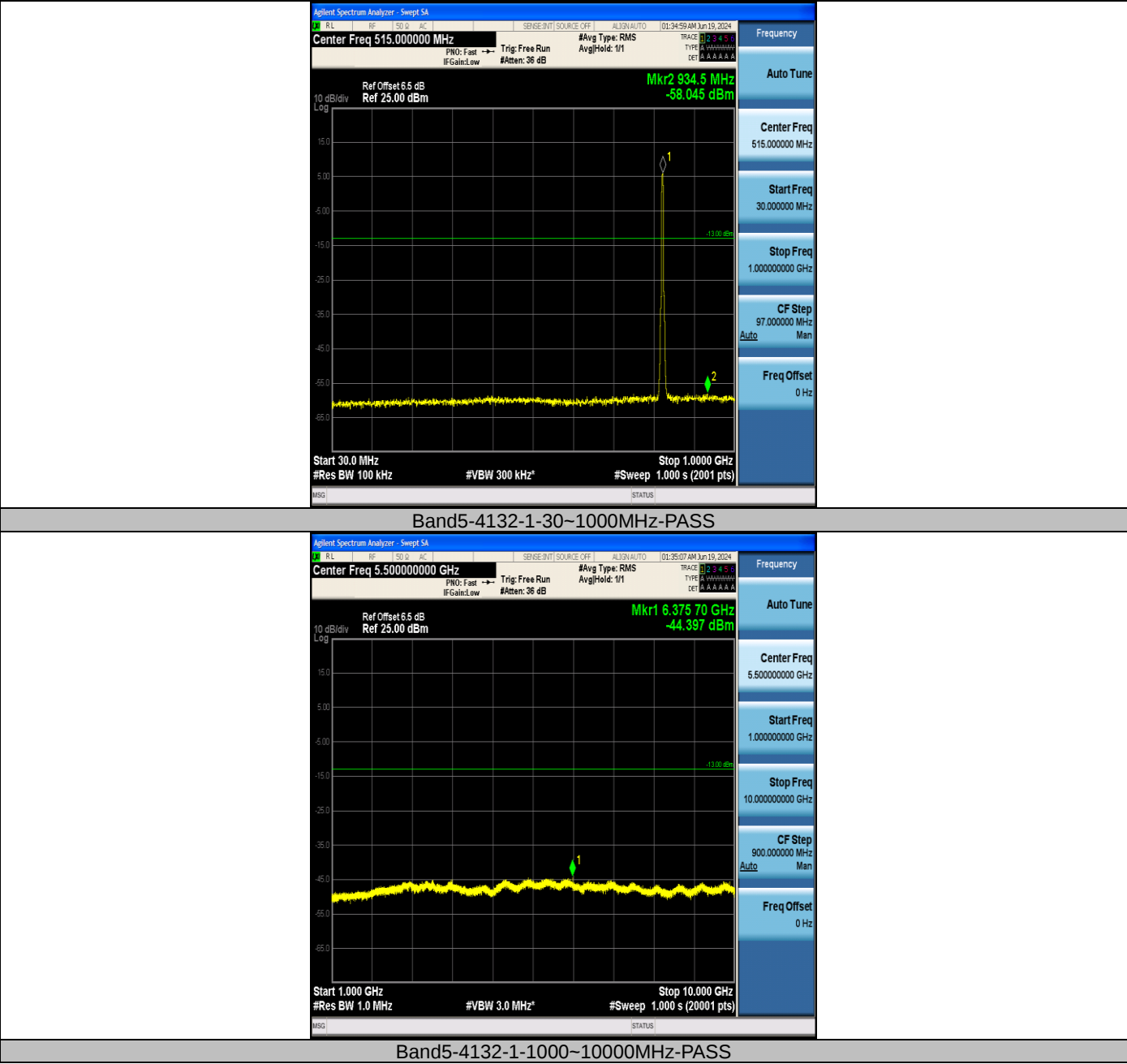
Band4-1413-1-1000~20000MHz-PASS

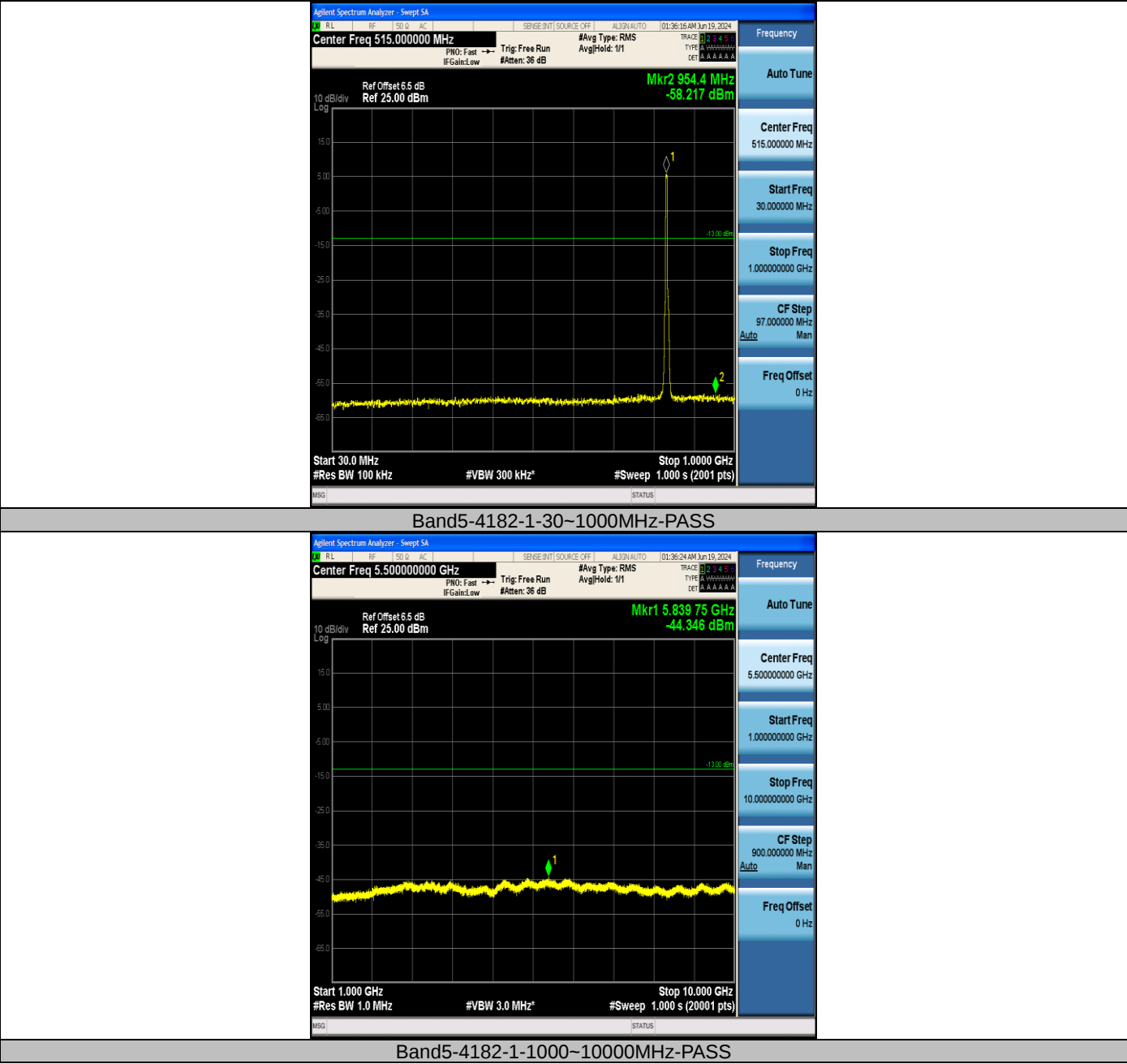


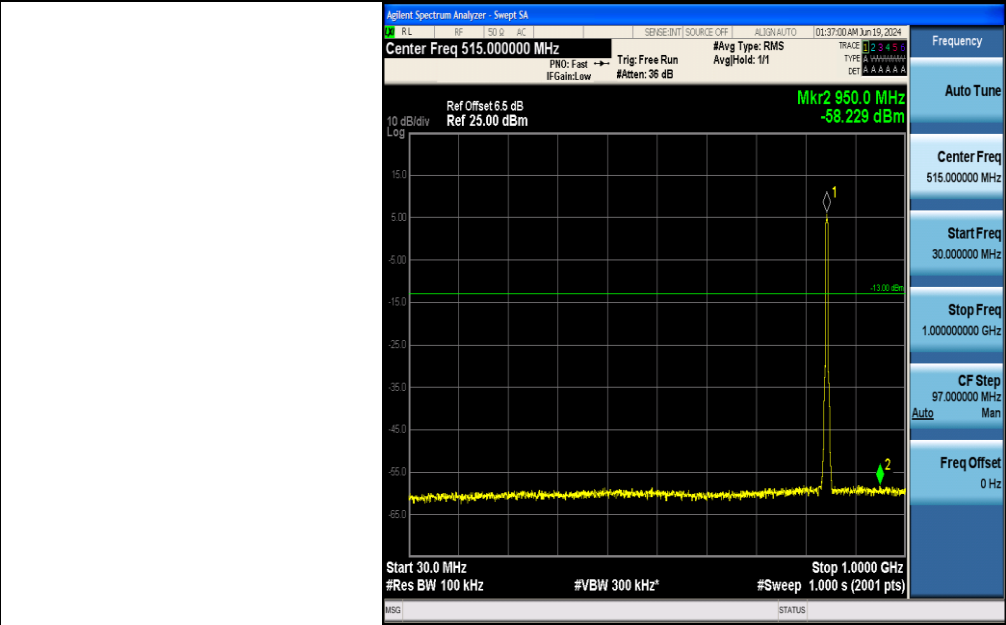
Band4-1513-1-30~1000MHz-PASS



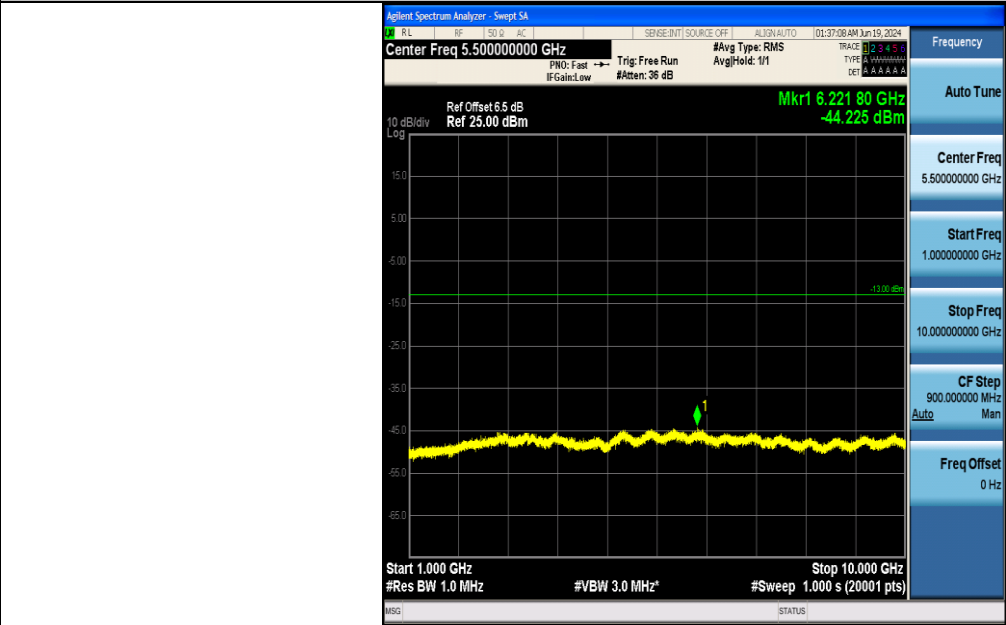
Band4-1513-1-1000~20000MHz-PASS







Band5-4233-1-30~1000MHz-PASS



Band5-4233-1-1000~10000MHz-PASS

APPENDIX B5:FREQUENCY STABILITY

Test Result(WCDMA)

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	VN	NT	-890.00	-0.480458	±NA	PASS
Band2	9262	VL	NT	1980.00	1.068884	±NA	PASS
Band2	9262	VH	NT	3770.00	2.035198	±NA	PASS
Band2	9400	VN	NT	-110.00	-0.058511	±NA	PASS
Band2	9400	VL	NT	-4950.00	-2.632979	±NA	PASS
Band2	9400	VH	NT	330.00	0.175532	±NA	PASS
Band2	9538	VN	NT	-5820.00	-3.050954	±NA	PASS
Band2	9538	VL	NT	-7030.00	-3.685259	±NA	PASS
Band2	9538	VH	NT	-7080.00	-3.711470	±NA	PASS
Band4	1312	VN	NT	9450.00	5.518570	±NA	PASS
Band4	1312	VL	NT	8530.00	4.981313	±NA	PASS
Band4	1312	VH	NT	5380.00	3.141789	±NA	PASS
Band4	1413	VN	NT	2380.00	1.373658	±NA	PASS
Band4	1413	VL	NT	2590.00	1.494863	±NA	PASS
Band4	1413	VH	NT	7090.00	4.092116	±NA	PASS
Band4	1513	VN	NT	6440.00	3.674541	±NA	PASS
Band4	1513	VL	NT	1650.00	0.941458	±NA	PASS
Band4	1513	VH	NT	3860.00	2.202442	±NA	PASS
Band5	4132	VN	NT	-0.29	-0.000351	±2.5	PASS
Band5	4132	VL	NT	1.29	0.001561	±2.5	PASS
Band5	4132	VH	NT	-1.75	-0.002118	±2.5	PASS
Band5	4182	VN	NT	-2.37	-0.002834	±2.5	PASS
Band5	4182	VL	NT	-0.45	-0.000538	±2.5	PASS
Band5	4182	VH	NT	-1.34	-0.001602	±2.5	PASS
Band5	4233	VN	NT	-1.11	-0.001311	±2.5	PASS
Band5	4233	VL	NT	1.32	0.001559	±2.5	PASS
Band5	4233	VH	NT	-1.03	-0.001217	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	NV	-30	60.00	0.032390	±NA	PASS
Band2	9262	NV	-20	-60.00	-0.032390	±NA	PASS
Band2	9262	NV	-10	-2170.00	-1.171453	±NA	PASS
Band2	9262	NV	0	6420.00	3.465774	±NA	PASS
Band2	9262	NV	10	20.00	0.010797	±NA	PASS
Band2	9262	NV	20	3180.00	1.716692	±NA	PASS
Band2	9262	NV	30	4370.00	2.359102	±NA	PASS
Band2	9262	NV	40	460.00	0.248326	±NA	PASS
Band2	9262	NV	50	-510.00	-0.275319	±NA	PASS
Band2	9400	NV	-30	-4850.00	-2.579787	±NA	PASS
Band2	9400	NV	-20	-2370.00	-1.260638	±NA	PASS
Band2	9400	NV	-10	-1840.00	-0.978723	±NA	PASS
Band2	9400	NV	0	-3340.00	-1.776596	±NA	PASS
Band2	9400	NV	10	-4410.00	-2.345745	±NA	PASS
Band2	9400	NV	20	2180.00	1.159574	±NA	PASS
Band2	9400	NV	30	-2340.00	-1.244681	±NA	PASS
Band2	9400	NV	40	300.00	0.159574	±NA	PASS
Band2	9400	NV	50	-1250.00	-0.664894	±NA	PASS
Band2	9538	NV	-30	-5000.00	-2.621095	±NA	PASS
Band2	9538	NV	-20	-3570.00	-1.871462	±NA	PASS
Band2	9538	NV	-10	-6130.00	-3.213462	±NA	PASS
Band2	9538	NV	0	-5670.00	-2.972321	±NA	PASS
Band2	9538	NV	10	-5420.00	-2.841267	±NA	PASS
Band2	9538	NV	20	-9490.00	-4.974837	±NA	PASS
Band2	9538	NV	30	-10880.00	-5.703502	±NA	PASS

Band2	9538	NV	40	-8350.00	-4.377228	±NA	PASS
Band2	9538	NV	50	-8250.00	-4.324806	±NA	PASS
Band4	1312	NV	-30	11030.00	6.441252	±NA	PASS
Band4	1312	NV	-20	11180.00	6.528848	±NA	PASS
Band4	1312	NV	-10	6540.00	3.819201	±NA	PASS
Band4	1312	NV	0	12850.00	7.504088	±NA	PASS
Band4	1312	NV	10	7170.00	4.187106	±NA	PASS
Band4	1312	NV	20	8860.00	5.174025	±NA	PASS
Band4	1312	NV	30	8430.00	4.922915	±NA	PASS
Band4	1312	NV	40	10060.00	5.874796	±NA	PASS
Band4	1312	NV	50	6170.00	3.603130	±NA	PASS
Band4	1413	NV	-30	2550.00	1.471777	±NA	PASS
Band4	1413	NV	-20	1370.00	0.790719	±NA	PASS
Band4	1413	NV	-10	3370.00	1.945054	±NA	PASS
Band4	1413	NV	0	2260.00	1.304398	±NA	PASS
Band4	1413	NV	10	3010.00	1.737273	±NA	PASS
Band4	1413	NV	20	3530.00	2.037400	±NA	PASS
Band4	1413	NV	30	2820.00	1.627612	±NA	PASS
Band4	1413	NV	40	2960.00	1.708415	±NA	PASS
Band4	1413	NV	50	2350.00	1.356343	±NA	PASS
Band4	1513	NV	-30	5070.00	2.892845	±NA	PASS
Band4	1513	NV	-20	3230.00	1.842976	±NA	PASS
Band4	1513	NV	-10	4820.00	2.750200	±NA	PASS
Band4	1513	NV	0	-170.00	-0.096999	±NA	PASS
Band4	1513	NV	10	930.00	0.530640	±NA	PASS
Band4	1513	NV	20	3950.00	2.253794	±NA	PASS
Band4	1513	NV	30	4350.00	2.482027	±NA	PASS
Band4	1513	NV	40	5630.00	3.212370	±NA	PASS
Band4	1513	NV	50	3990.00	2.276618	±NA	PASS
Band5	4132	NV	-30	-0.72	-0.000871	±2.5	PASS
Band5	4132	NV	-20	-0.16	-0.000194	±2.5	PASS
Band5	4132	NV	-10	-2.28	-0.002759	±2.5	PASS
Band5	4132	NV	0	-2.42	-0.002928	±2.5	PASS
Band5	4132	NV	10	1.03	0.001246	±2.5	PASS
Band5	4132	NV	20	-2.15	-0.002602	±2.5	PASS
Band5	4132	NV	30	2.14	0.002590	±2.5	PASS
Band5	4132	NV	40	0.32	0.000387	±2.5	PASS
Band5	4132	NV	50	-0.87	-0.001053	±2.5	PASS
Band5	4182	NV	-30	2.74	0.003276	±2.5	PASS
Band5	4182	NV	-20	-0.04	-0.000048	±2.5	PASS
Band5	4182	NV	-10	-3.16	-0.003778	±2.5	PASS
Band5	4182	NV	0	2.25	0.002690	±2.5	PASS
Band5	4182	NV	10	-1.40	-0.001674	±2.5	PASS
Band5	4182	NV	20	-0.64	-0.000765	±2.5	PASS
Band5	4182	NV	30	-1.18	-0.001411	±2.5	PASS
Band5	4182	NV	40	-0.71	-0.000849	±2.5	PASS
Band5	4182	NV	50	-1.37	-0.001638	±2.5	PASS
Band5	4233	NV	-30	0.04	0.000047	±2.5	PASS
Band5	4233	NV	-20	2.14	0.002528	±2.5	PASS
Band5	4233	NV	-10	2.64	0.003118	±2.5	PASS
Band5	4233	NV	0	2.49	0.002941	±2.5	PASS
Band5	4233	NV	10	-1.59	-0.001878	±2.5	PASS
Band5	4233	NV	20	2.93	0.003461	±2.5	PASS
Band5	4233	NV	30	-0.22	-0.000260	±2.5	PASS
Band5	4233	NV	40	-0.22	-0.000260	±2.5	PASS
Band5	4233	NV	50	1.44	0.001701	±2.5	PASS