

Effective (Isotropic) Radiated Power Output Data

Test Result

RMC

Band	Channel	Power(dBm)	E(I)RP(dBm)	Limit(dBm)	Verdict
Band4	1312	22.86	24.86	30.00	PASS
Band4	1413	23.30	25.3	30.00	PASS
Band4	1513	22.97	24.97	30.00	PASS

HSDPA

Band	Channel	SubTest	Power(dBm)	E(I)RP(dBm)	Limit(dBm)	Verdict
Band4	1312	1	22.71	24.71	30.00	PASS
Band4	1413	1	23.11	25.11	30.00	PASS
Band4	1513	1	22.80	24.8	30.00	PASS
Band4	1312	2	22.29	24.29	30.00	PASS
Band4	1413	2	22.66	24.66	30.00	PASS
Band4	1513	2	22.39	24.39	30.00	PASS
Band4	1312	3	21.87	23.87	30.00	PASS
Band4	1413	3	22.25	24.25	30.00	PASS
Band4	1513	3	21.99	23.99	30.00	PASS
Band4	1312	4	21.88	23.88	30.00	PASS
Band4	1413	4	22.26	24.26	30.00	PASS
Band4	1513	4	21.97	23.97	30.00	PASS

HSUPA

Band	Channel	SubTest	Power(dBm)	E(I)RP(dBm)	Limit(dBm)	Verdict
Band4	1312	1	21.93	23.93	30.00	PASS
Band4	1413	1	22.35	24.35	30.00	PASS
Band4	1513	1	21.97	23.97	30.00	PASS
Band4	1312	2	20.36	22.36	30.00	PASS
Band4	1413	2	21.23	23.23	30.00	PASS
Band4	1513	2	21.01	23.01	30.00	PASS
Band4	1312	3	21.11	23.11	30.00	PASS
Band4	1413	3	21.50	23.5	30.00	PASS
Band4	1513	3	21.33	23.33	30.00	PASS
Band4	1312	4	20.51	22.51	30.00	PASS
Band4	1413	4	21.33	23.33	30.00	PASS
Band4	1513	4	21.10	23.1	30.00	PASS
Band4	1312	5	22.81	24.81	30.00	PASS
Band4	1413	5	23.16	25.16	30.00	PASS
Band4	1513	5	22.80	24.8	30.00	PASS

Note: Reported the power data of WCDMA in RMC, HSDPA, and HSUPA modes, and found that the data in RMC mode was the worst case.

Peak-to-Average Ratio

Test Result

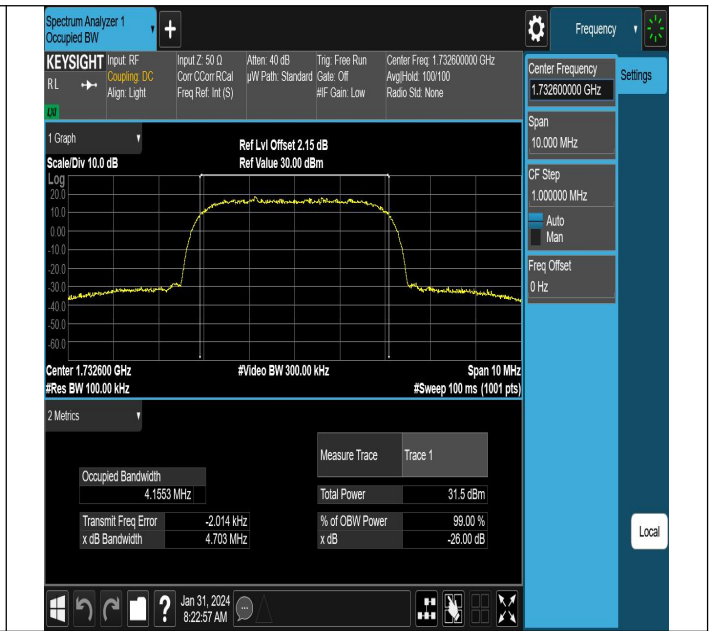
Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band4	1312	8.36	13	PASS
Band4	1413	8.37	13	PASS
Band4	1513	8.4	13	PASS

26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band4	1312	4.1471	4.701	---	PASS
Band4	1413	4.1553	4.703	---	PASS
Band4	1513	4.1536	4.701	---	PASS

Test Graphs



Band4-1312-PASS

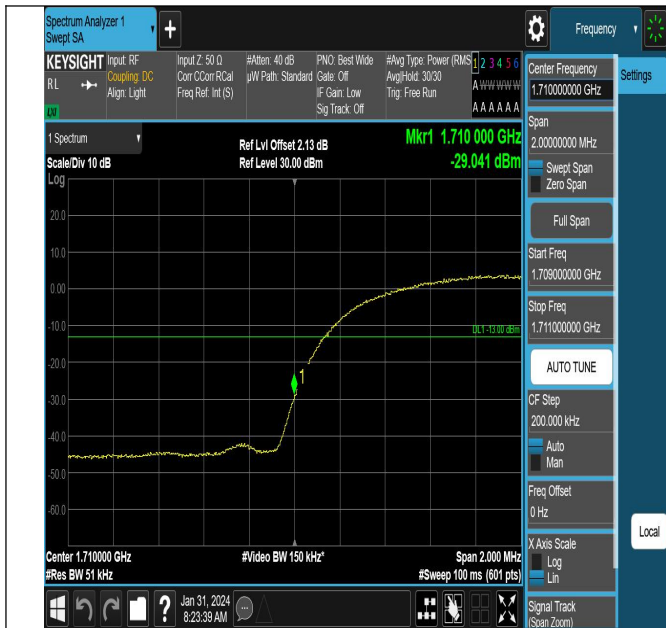
Band4-1413-PASS



Band4-1513-PASS

Band Edge

Test Graphs



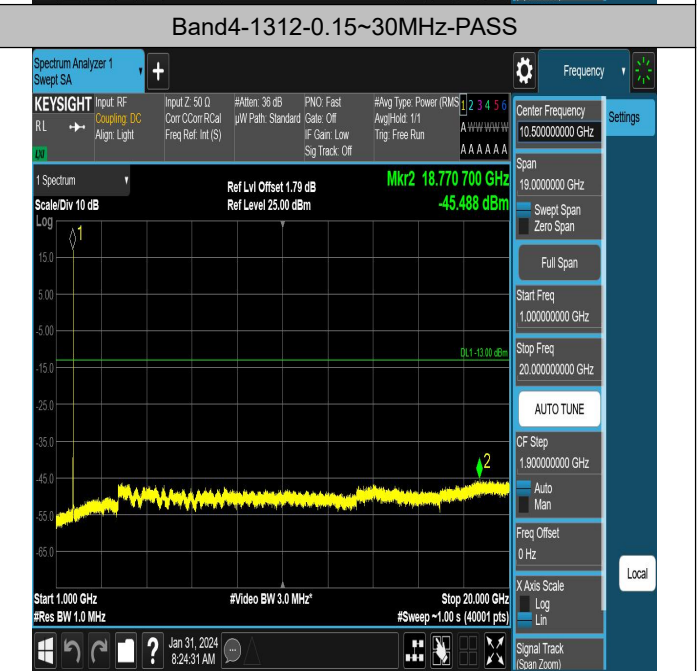
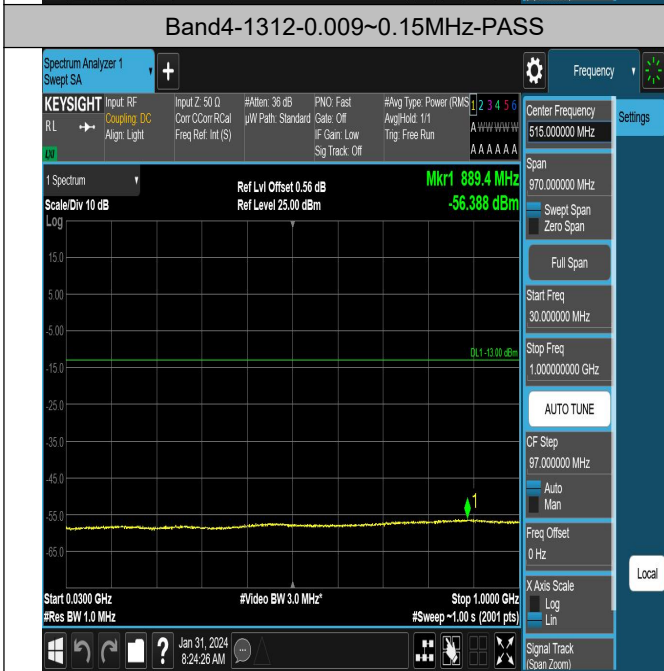
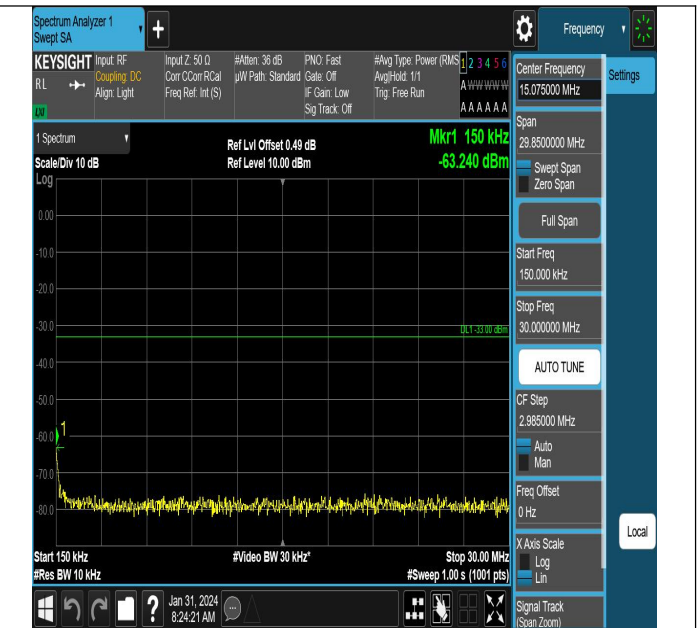
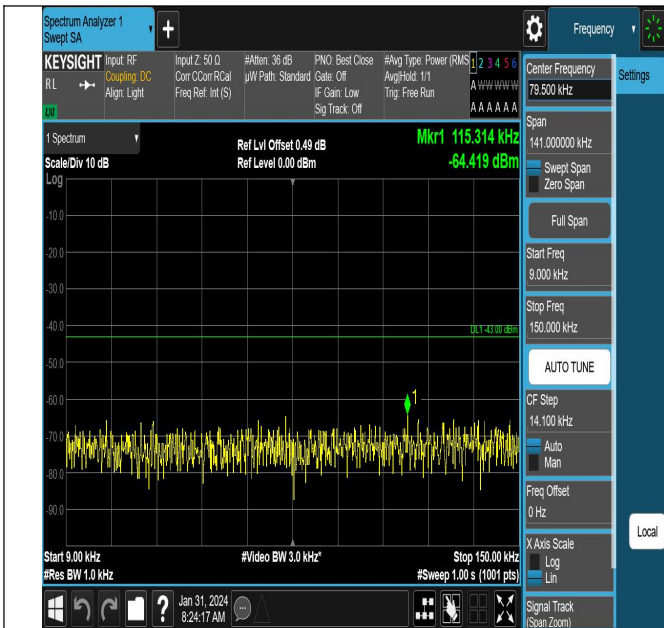
Band4-1312-PASS

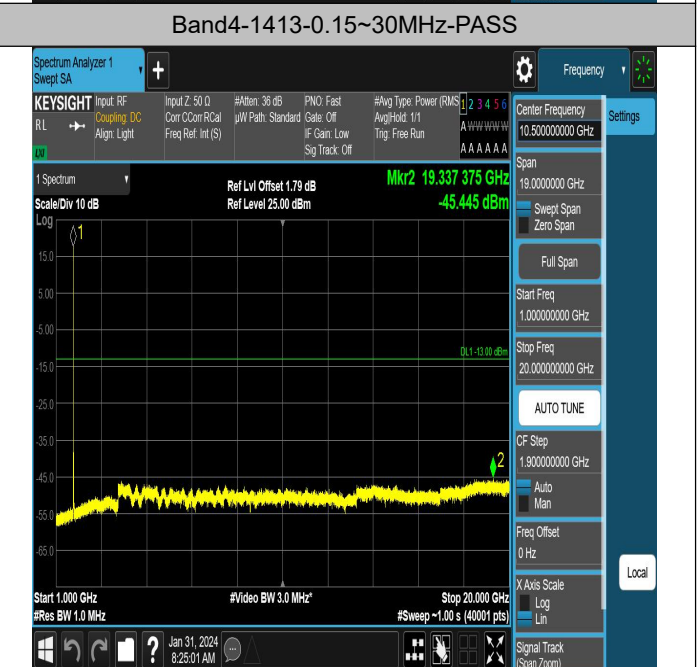
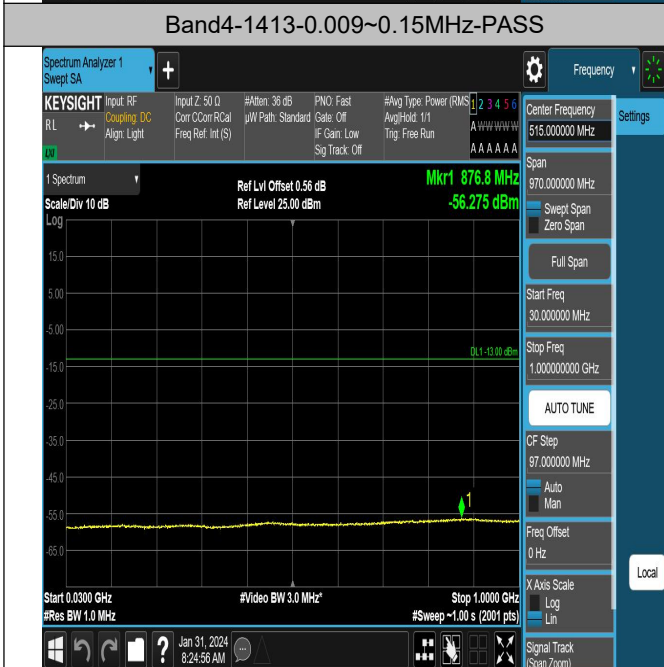
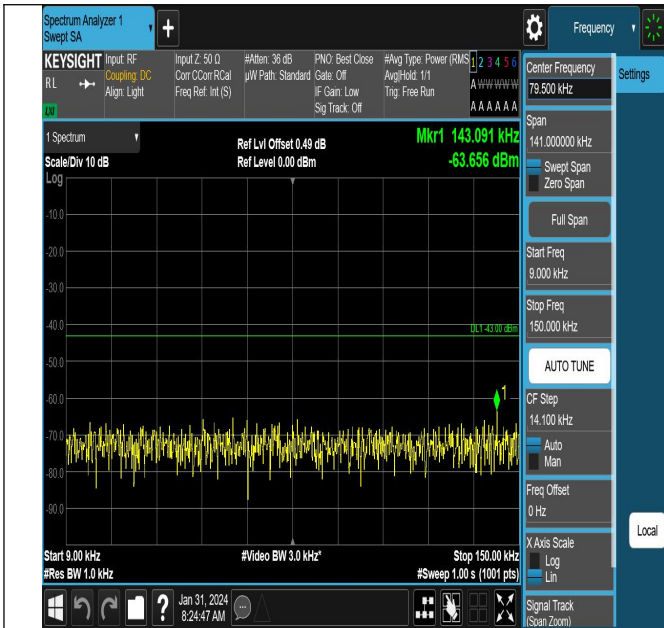


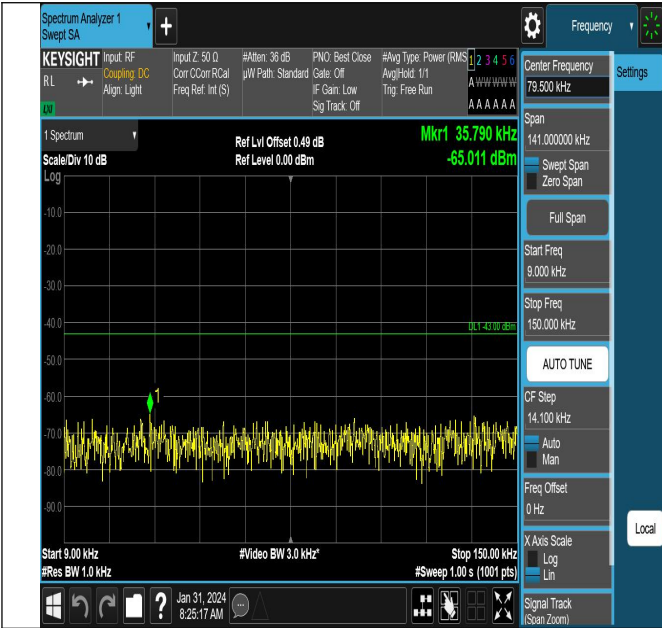
Band4-1513-PASS

Conducted Spurious Emission

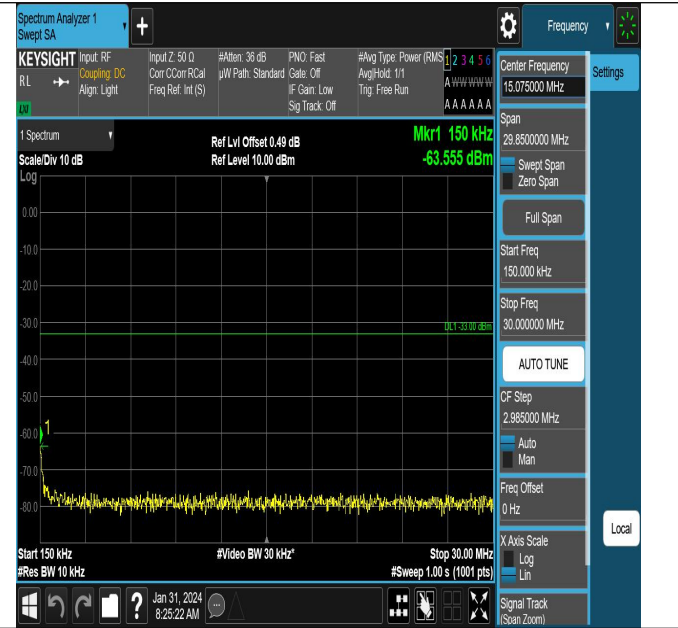
Test Graphs



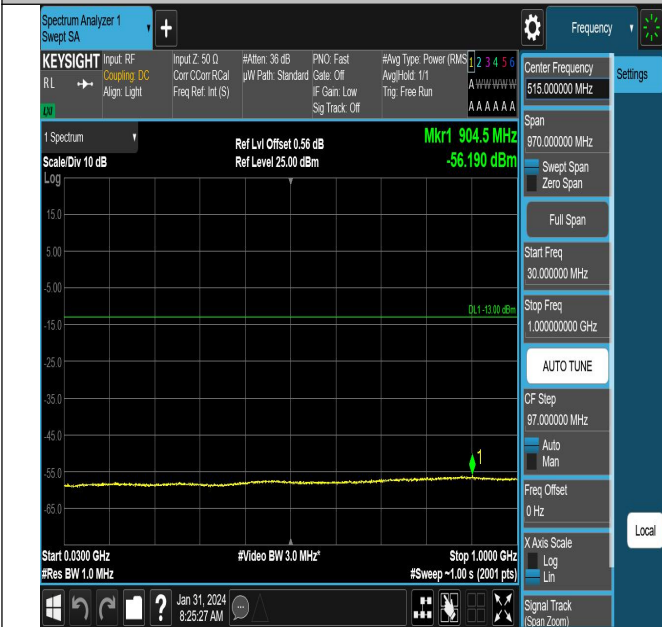




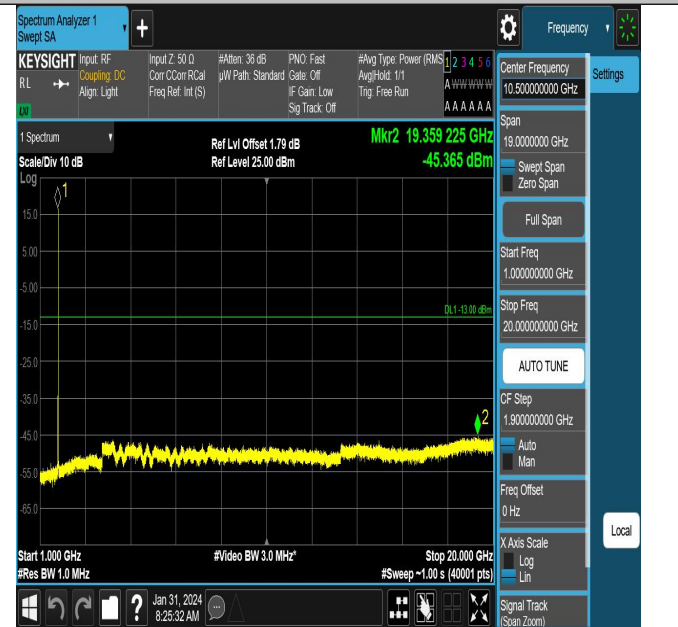
Band4-1513-0.009~0.15MHz-PASS



Band4-1513-0.15~30MHz-PASS



Band4-1513-30~1000MHz-PASS



Band4-1513-1000~20000MHz-PASS

Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	VN	NT	-6.12	-0.003574	±2.5	PASS
Band4	1312	VL	NT	-5.53	-0.003229	±2.5	PASS
Band4	1312	VH	NT	-4.83	-0.002821	±2.5	PASS
Band4	1413	VN	NT	-3.51	-0.002026	±2.5	PASS
Band4	1413	VL	NT	-0.21	-0.000121	±2.5	PASS
Band4	1413	VH	NT	-3.21	-0.001853	±2.5	PASS
Band4	1513	VN	NT	-2.56	-0.001461	±2.5	PASS
Band4	1513	VL	NT	-3.74	-0.002134	±2.5	PASS
Band4	1513	VH	NT	-3.54	-0.002020	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	NV	-30	-4.90	-0.002861	±2.5	PASS
Band4	1312	NV	-20	-4.32	-0.002523	±2.5	PASS
Band4	1312	NV	-10	-3.30	-0.001927	±2.5	PASS
Band4	1312	NV	0	-3.84	-0.002242	±2.5	PASS
Band4	1312	NV	10	-2.47	-0.001442	±2.5	PASS
Band4	1312	NV	20	-3.40	-0.001986	±2.5	PASS
Band4	1312	NV	30	-3.45	-0.002015	±2.5	PASS
Band4	1312	NV	40	-3.50	-0.002044	±2.5	PASS
Band4	1312	NV	50	-2.62	-0.001530	±2.5	PASS
Band4	1413	NV	-30	-1.64	-0.000947	±2.5	PASS
Band4	1413	NV	-20	-0.85	-0.000491	±2.5	PASS
Band4	1413	NV	-10	-1.61	-0.000929	±2.5	PASS
Band4	1413	NV	0	-2.04	-0.001177	±2.5	PASS
Band4	1413	NV	10	-2.50	-0.001443	±2.5	PASS
Band4	1413	NV	20	-1.88	-0.001085	±2.5	PASS
Band4	1413	NV	30	-3.19	-0.001841	±2.5	PASS
Band4	1413	NV	40	-2.22	-0.001281	±2.5	PASS
Band4	1413	NV	50	-0.89	-0.000514	±2.5	PASS
Band4	1513	NV	-30	-2.48	-0.001415	±2.5	PASS
Band4	1513	NV	-20	-2.45	-0.001398	±2.5	PASS
Band4	1513	NV	-10	-1.71	-0.000976	±2.5	PASS
Band4	1513	NV	0	-2.83	-0.001615	±2.5	PASS
Band4	1513	NV	10	-2.08	-0.001187	±2.5	PASS

Band4	1513	NV	20	-2.42	-0.001381	±2.5	PASS
Band4	1513	NV	30	-1.99	-0.001135	±2.5	PASS
Band4	1513	NV	40	-2.49	-0.001421	±2.5	PASS
Band4	1513	NV	50	-1.85	-0.001056	±2.5	PASS