Appendix-C WCDMA

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Channel	Power(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band IV	1312	14.76	15.26	30	PASS
Band IV	1413	14.76	15.26	30	PASS
Band IV	1513	14.72	15.22	30	PASS

Band	Channel	Power(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band V	4132	18.77	15.22	38.45	PASS
Band V	4182	18.80	15.25	38.45	PASS
Band V	4233	18.63	15.08	38.45	PASS

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Peak-to-Average Ratio(CCDF)

Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band IV	1312	3.2	13	PASS
Band IV	1413	3.15	13	PASS
Band IV	1513	3.2	13	PASS
Band V	4132	3.34	13	PASS
Band V	4182	3.27	13	PASS
Band V	4233	3.37	13	PASS

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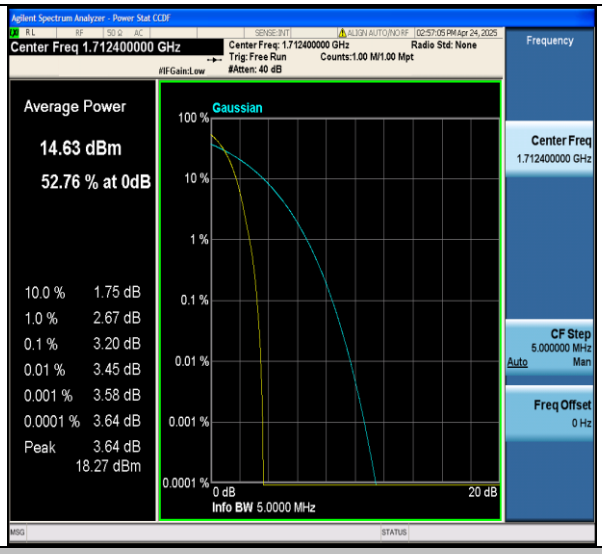
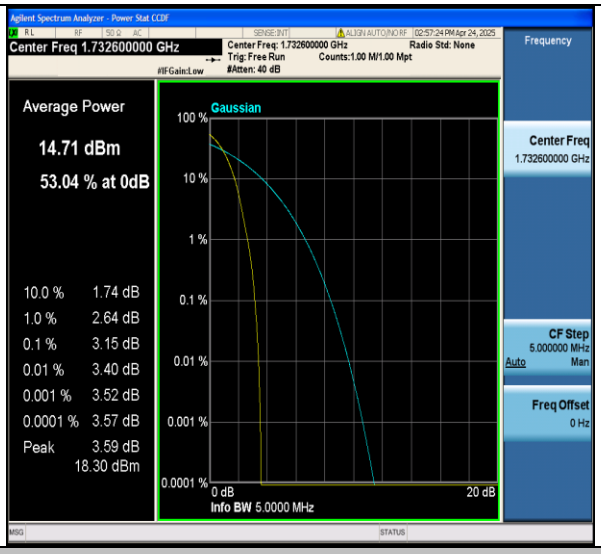
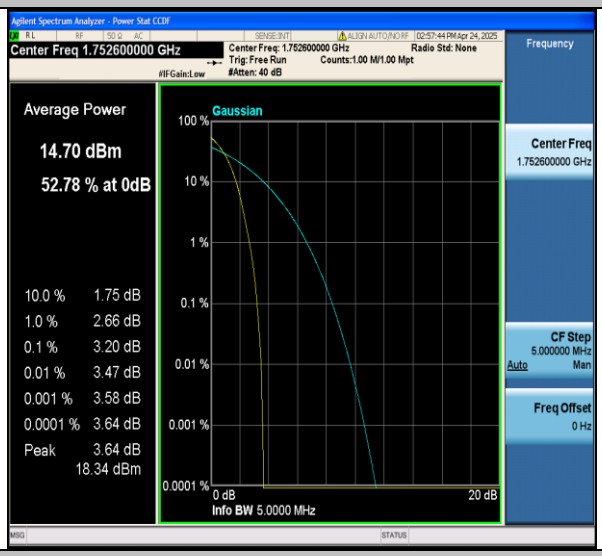
Test Graphs



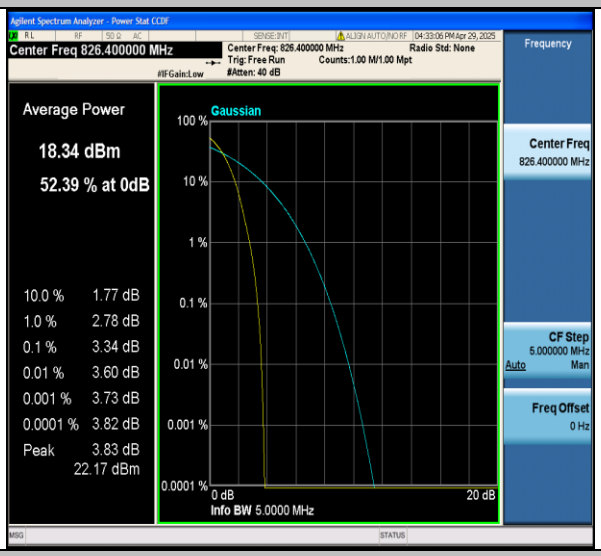
Band IV-1312-PASS



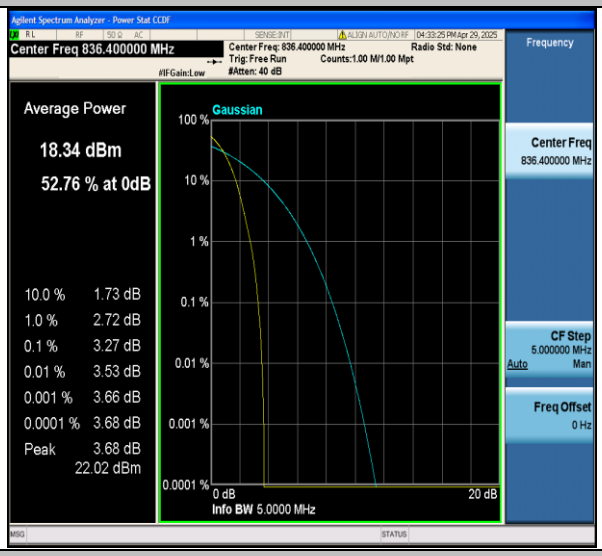
Band IV-1413-PASS



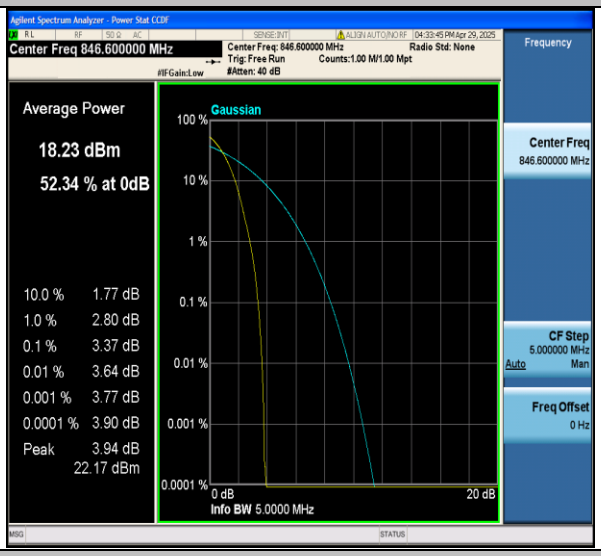
Band IV-1513-PASS



Band V-4132-PASS



Band V-4182-PASS



Band V-4233-PASS

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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band IV	1312	4.1471	4.721	---	PASS
Band IV	1413	4.1481	4.703	---	PASS
Band IV	1513	4.1489	4.707	---	PASS
Band V	4132	4.1380	4.701	---	PASS
Band V	4182	4.1352	4.699	---	PASS
Band V	4233	4.1316	4.693	---	PASS

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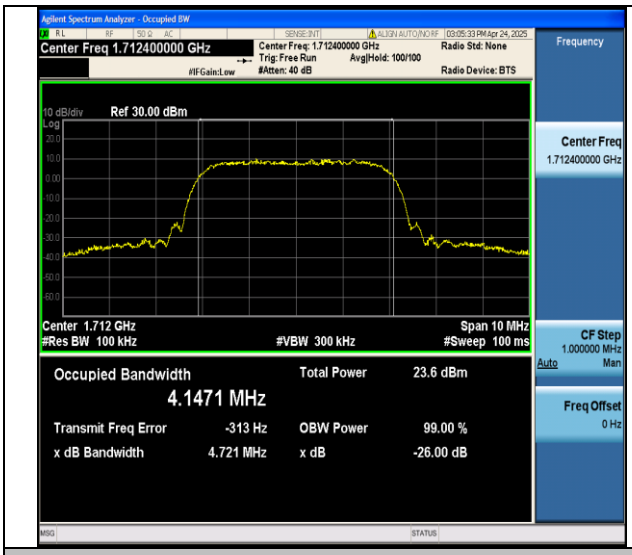
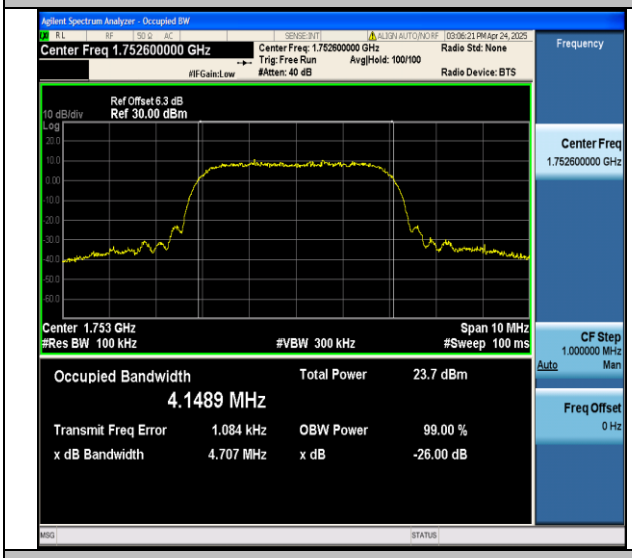
Test Graphs



Band IV-1312-PASS

Band IV-1413-PASS



Band IV-1513-PASS

Band V-4132-PASS

Band V-4182-PASS

Band V-4233-PASS

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Band Edge

Test Graphs

Band IV-1312-PASS

Band IV-1513-PASS

Band V-4132-PASS

Band V-4233-PASS

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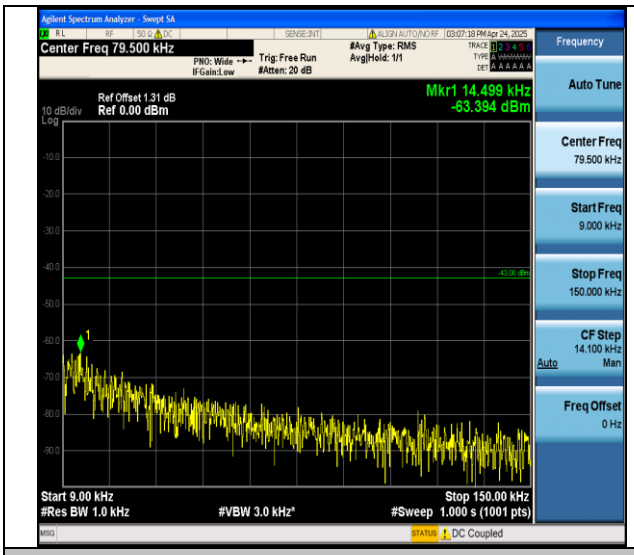
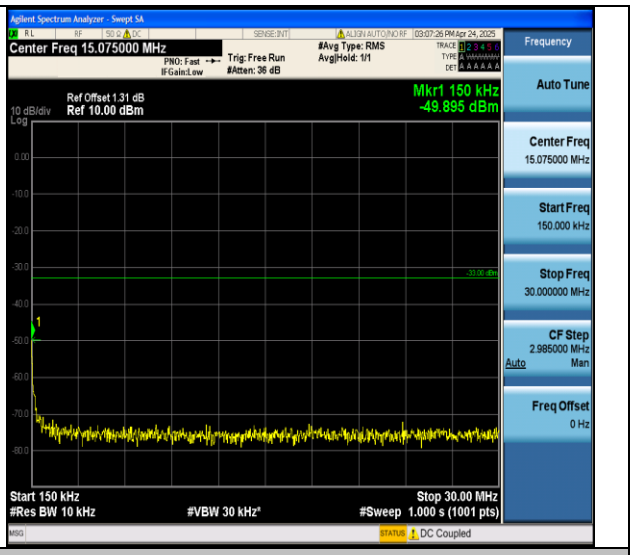
Conducted Spurious Emission

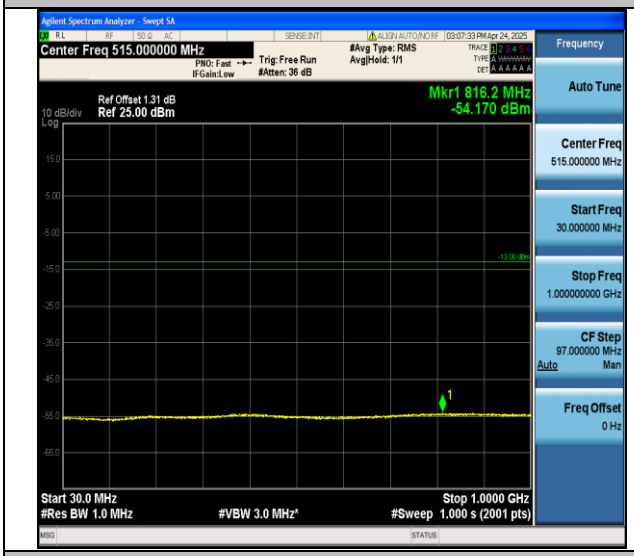
Test Graphs



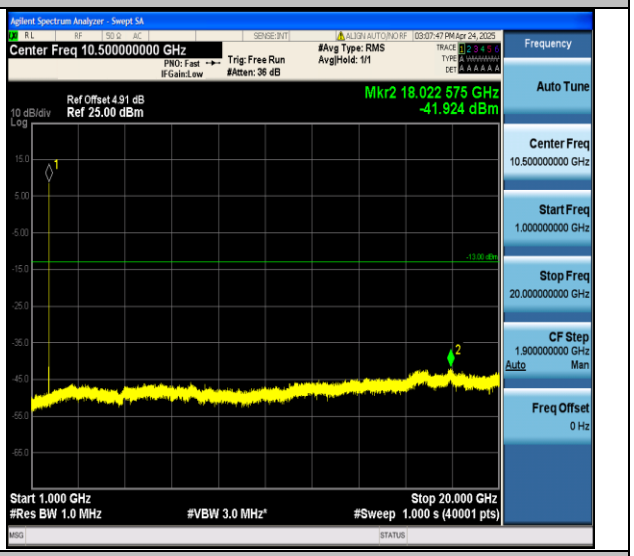
Band IV-1312-0.009~0.15MHz-PASS



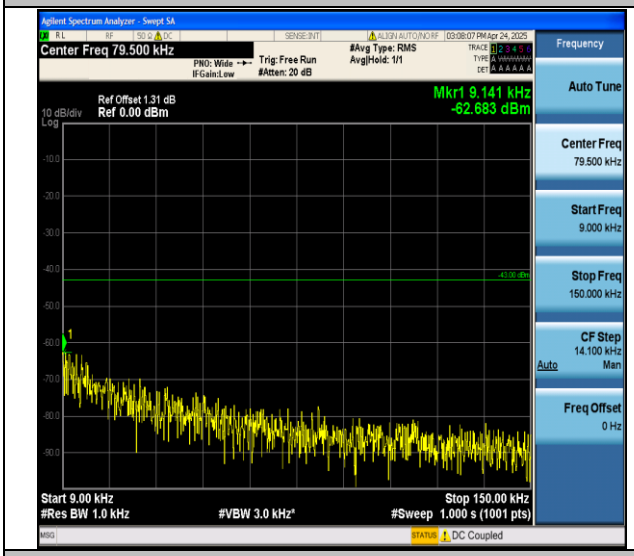
Band IV-1312-0.15~30MHz-PASS



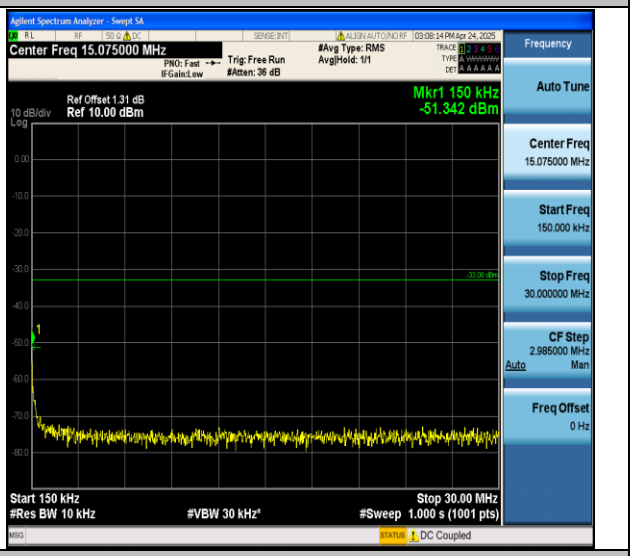
Band IV-1312-30~1000MHz-PASS



Band IV-1312-1000~20000MHz-PASS



Band IV-1413-0.009~0.15MHz-PASS



Band IV-1413-0.15~30MHz-PASS

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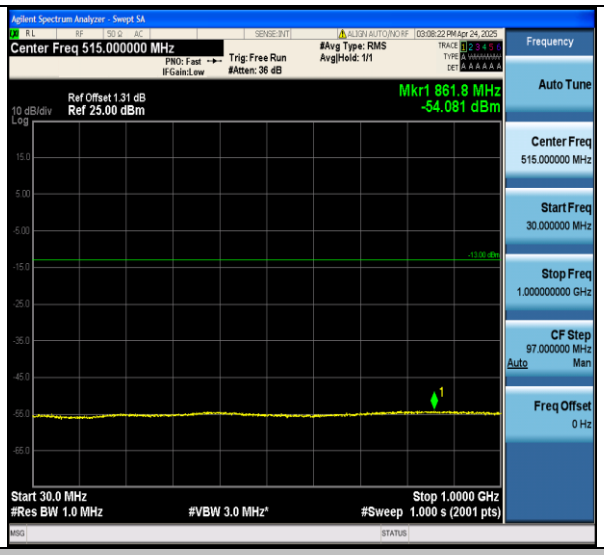
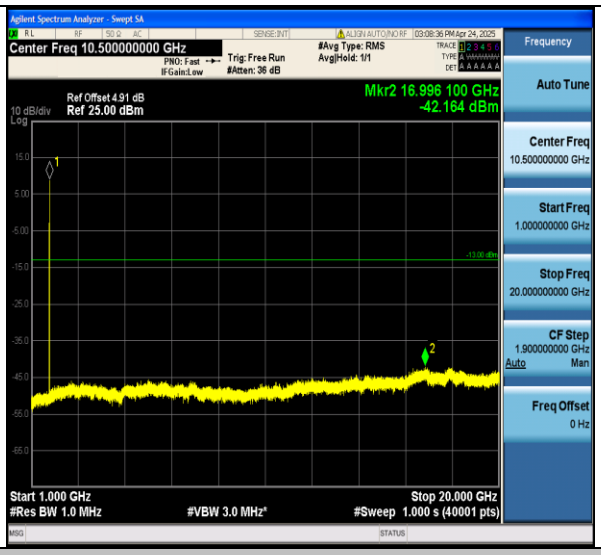
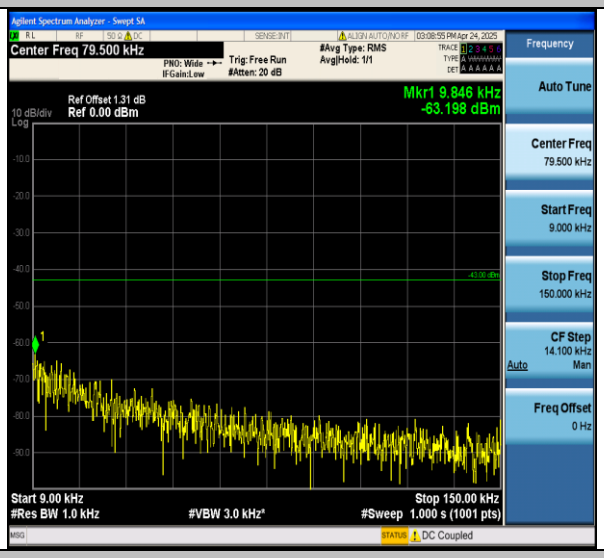


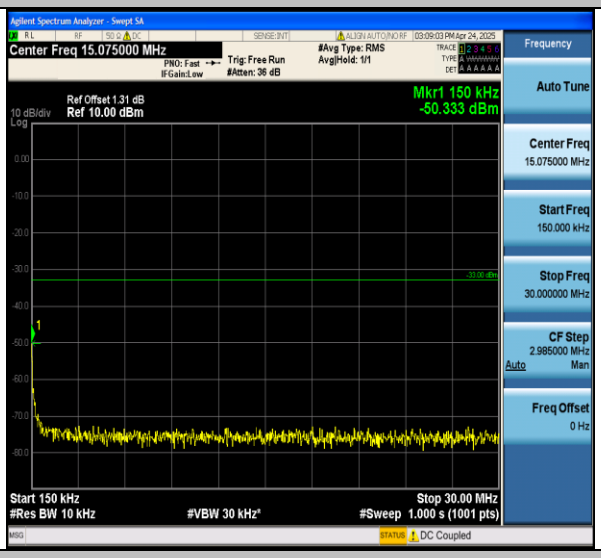
Band IV-1413-30~1000MHz-PASS



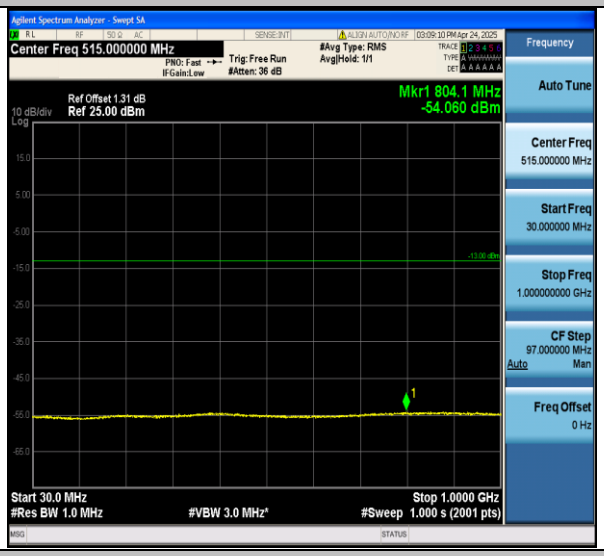
Band IV-1413-1000~20000MHz-PASS



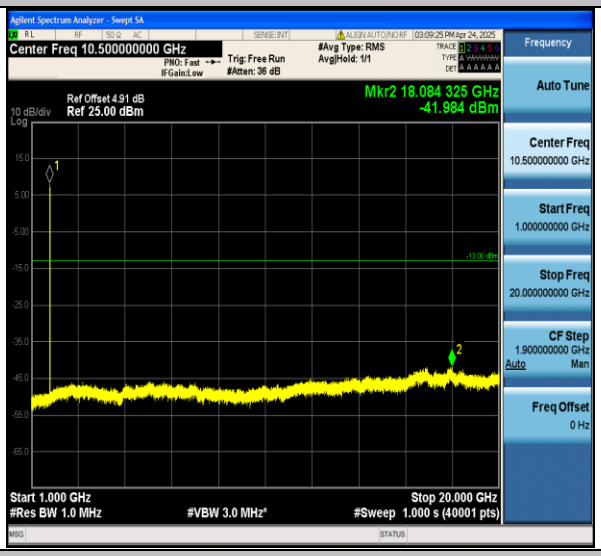
Band IV-1513-0.009~0.15MHz-PASS



Band IV-1513-0.15~30MHz-PASS



Band IV-1513-30~1000MHz-PASS



Band IV-1513-1000~20000MHz-PASS

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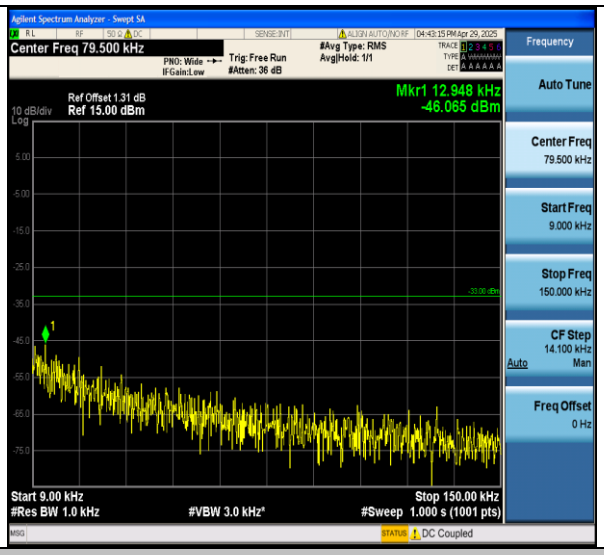
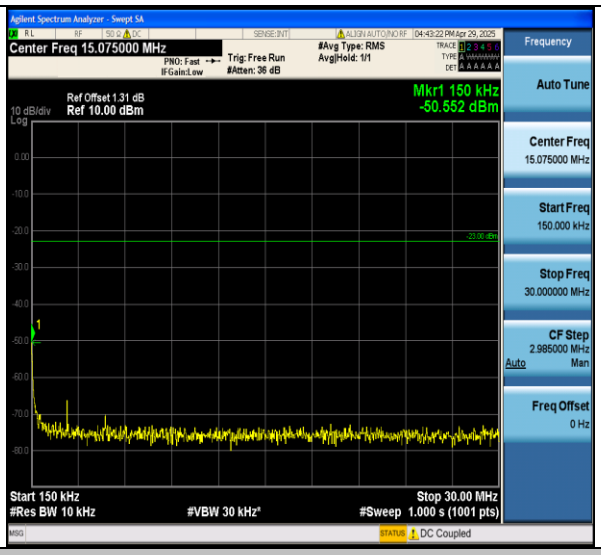
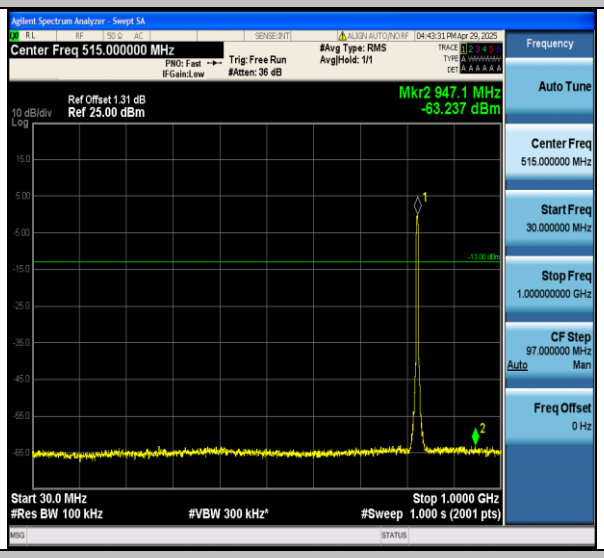


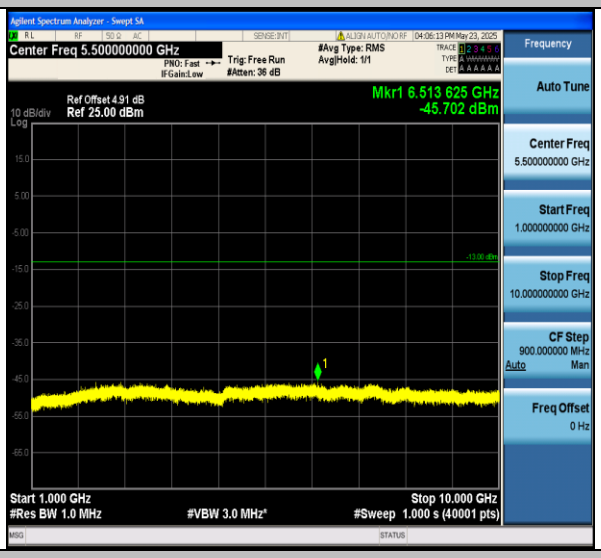
Band V-4132-0.009~0.15MHz-PASS



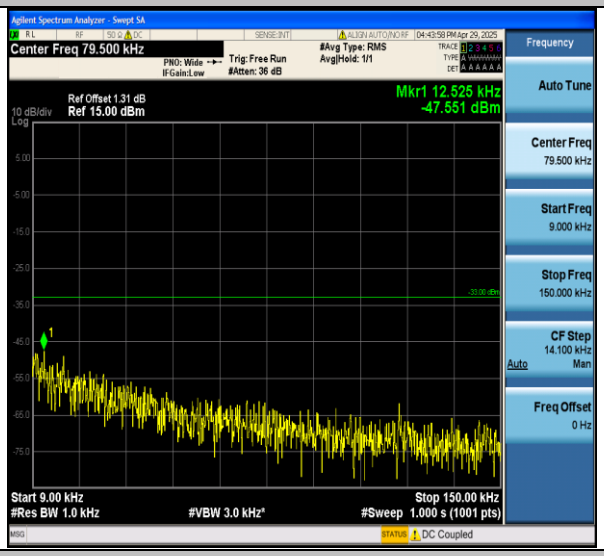
Band V-4132-0.15~30MHz-PASS



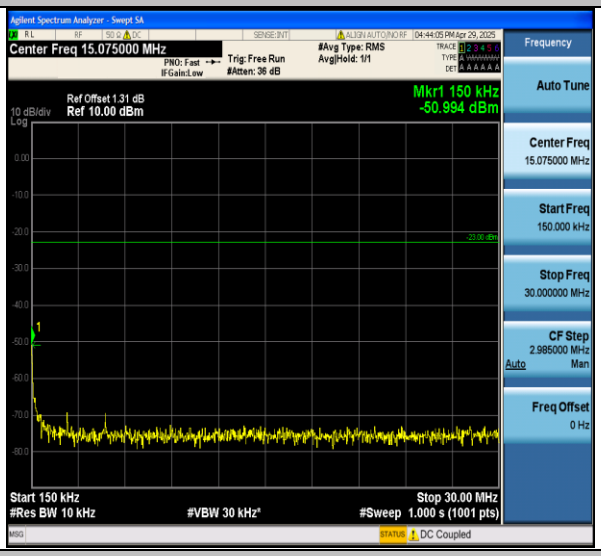
Band V-4132-30~1000MHz-PASS



Band V-4132-1000~10000MHz-PASS



Band V-4182-0.009~0.15MHz-PASS



Band V-4182-0.15~30MHz-PASS

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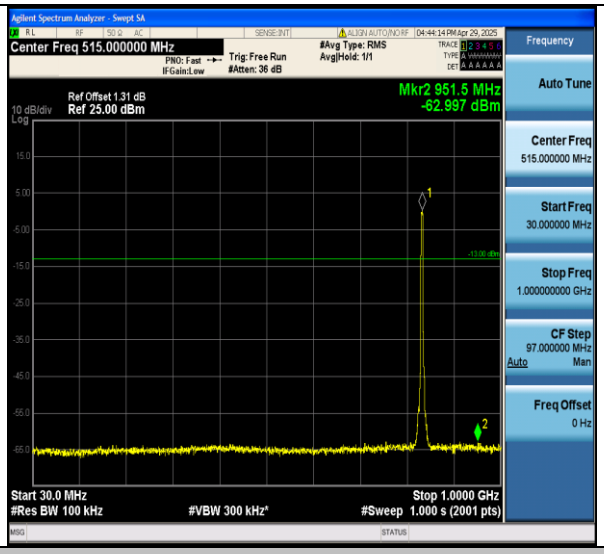
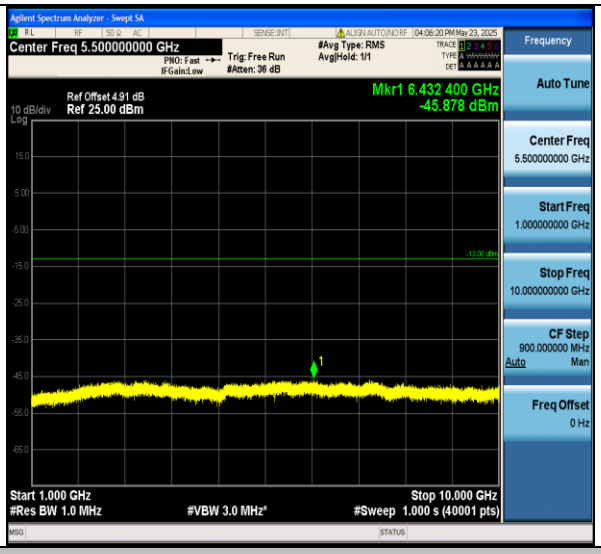
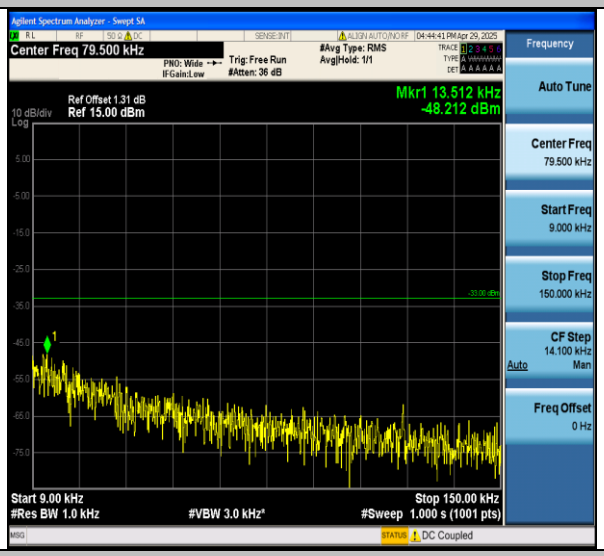


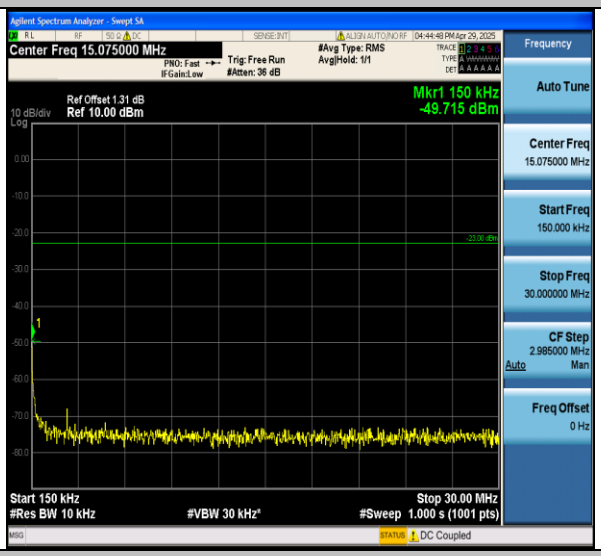
Band V-4182-30~1000MHz-PASS



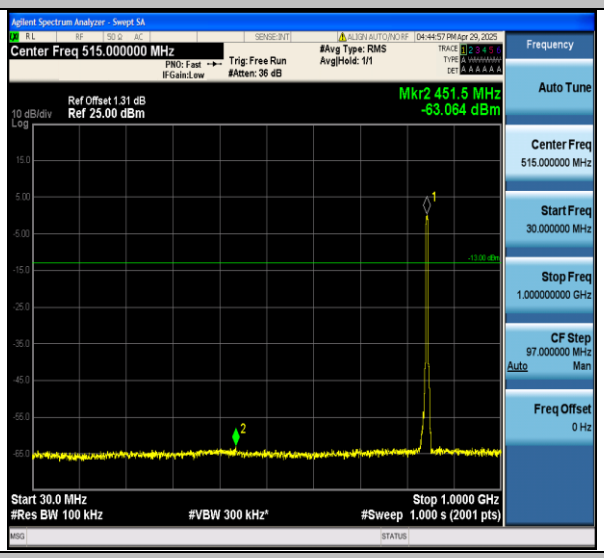
Band V-4182-1000~10000MHz-PASS



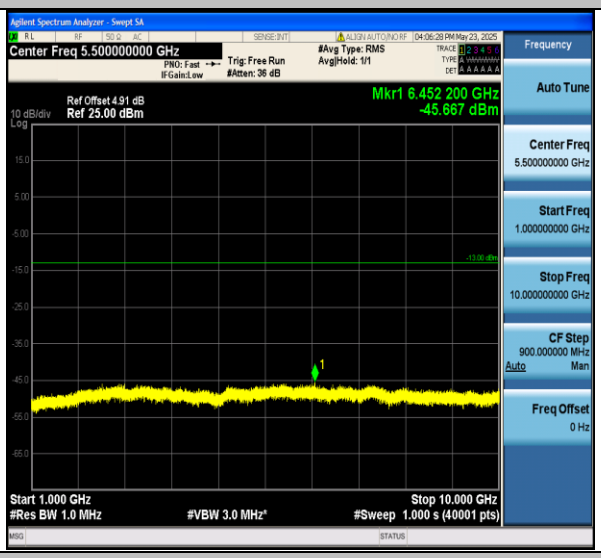
Band V-4233-0.009~0.15MHz-PASS



Band V-4233-0.15~30MHz-PASS



Band V-4233-30~1000MHz-PASS



Band V-4233-1000~10000MHz-PASS

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Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band IV	1413	VN	NT	-1.12	-0.000646	--	PASS
Band IV	1413	VL	NT	-2.42	-0.001397	--	PASS
Band IV	1413	VH	NT	-1.62	-0.000935	--	PASS
Band V	4182	VN	NT	-0.19	-0.000227	±2.5	PASS
Band V	4182	VL	NT	-1.49	-0.001781	±2.5	PASS
Band V	4182	VH	NT	0.79	0.000945	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band IV	1413	NV	-30	-2.50	-0.001443	--	PASS
Band IV	1413	NV	-20	-1.25	-0.000721	--	PASS
Band IV	1413	NV	-10	-3.54	-0.002043	--	PASS
Band IV	1413	NV	0	-3.03	-0.001749	--	PASS
Band IV	1413	NV	10	-0.32	-0.000185	--	PASS
Band IV	1413	NV	20	-0.59	-0.000341	--	PASS
Band IV	1413	NV	30	-2.30	-0.001327	--	PASS
Band IV	1413	NV	40	-2.85	-0.001645	--	PASS
Band IV	1413	NV	50	-2.22	-0.001281	--	PASS
Band V	4182	NV	-30	-0.51	-0.000610	±2.5	PASS
Band V	4182	NV	-20	0.02	0.000024	±2.5	PASS
Band V	4182	NV	-10	-0.31	-0.000371	±2.5	PASS
Band V	4182	NV	0	-0.57	-0.000681	±2.5	PASS
Band V	4182	NV	10	-1.60	-0.001913	±2.5	PASS
Band V	4182	NV	20	-1.19	-0.001423	±2.5	PASS
Band V	4182	NV	30	-0.21	-0.000251	±2.5	PASS
Band V	4182	NV	40	0.17	0.000203	±2.5	PASS
Band V	4182	NV	50	-0.16	-0.000191	±2.5	PASS

~The End~

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