

## Appendix-C WCDMA

### Effective (Isotropic) Radiated Power Output Data

#### Test Result

Band	Channel	Power(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band IV	1312	15.05	15.55	30	PASS
Band IV	1413	15.08	15.58	30	PASS
Band IV	1513	15.10	15.60	30	PASS

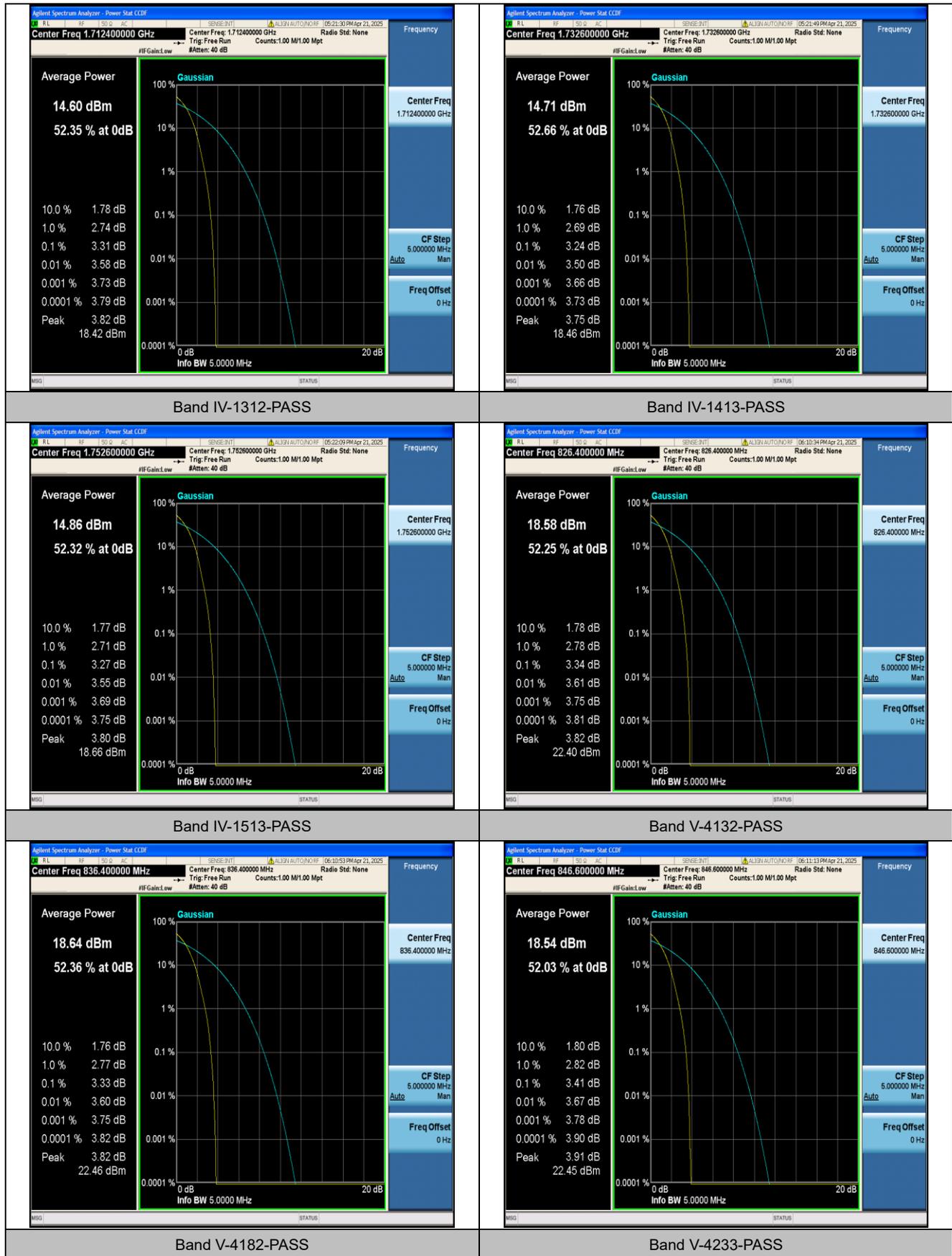
Band	Channel	Power(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band V	4132	19.07	15.52	38.45	PASS
Band V	4182	19.13	15.58	38.45	PASS
Band V	4233	19.10	15.55	38.45	PASS

## Peak-to-Average Ratio(CCDF)

### Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band IV	1312	3.31	13	PASS
Band IV	1413	3.24	13	PASS
Band IV	1513	3.27	13	PASS
Band V	4132	3.34	13	PASS
Band V	4182	3.33	13	PASS
Band V	4233	3.41	13	PASS

## Test Graphs

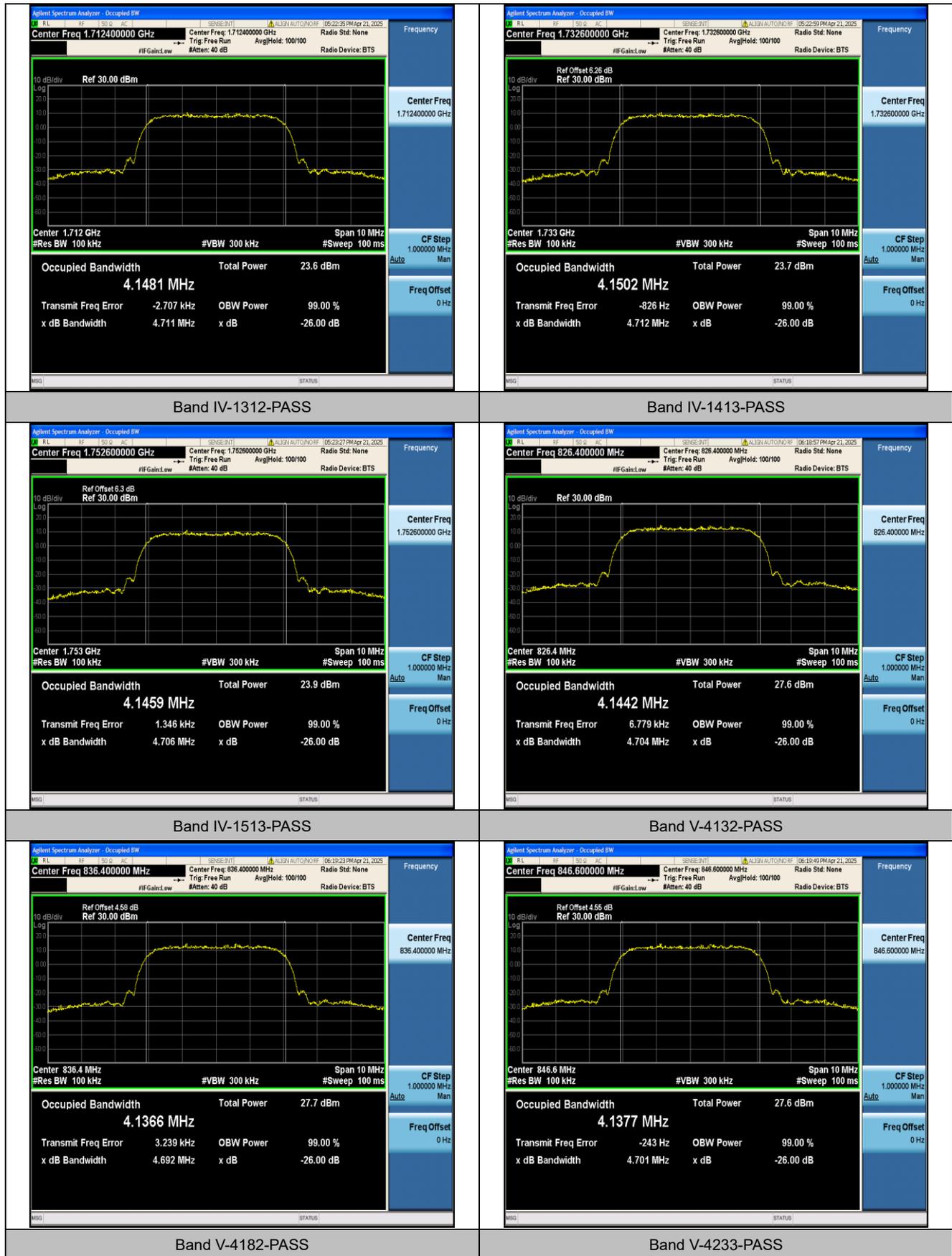


## 6dB Bandwidth and Occupied Bandwidth

### Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band IV	1312	4.1481	4.711	---	PASS
Band IV	1413	4.1502	4.712	---	PASS
Band IV	1513	4.1459	4.706	---	PASS
Band V	4132	4.1442	4.704	---	PASS
Band V	4182	4.1366	4.692	---	PASS
Band V	4233	4.1377	4.701	---	PASS

## Test Graphs



# Band Edge

## Test Graphs



Band IV-1312-PASS



Band IV-1513-PASS



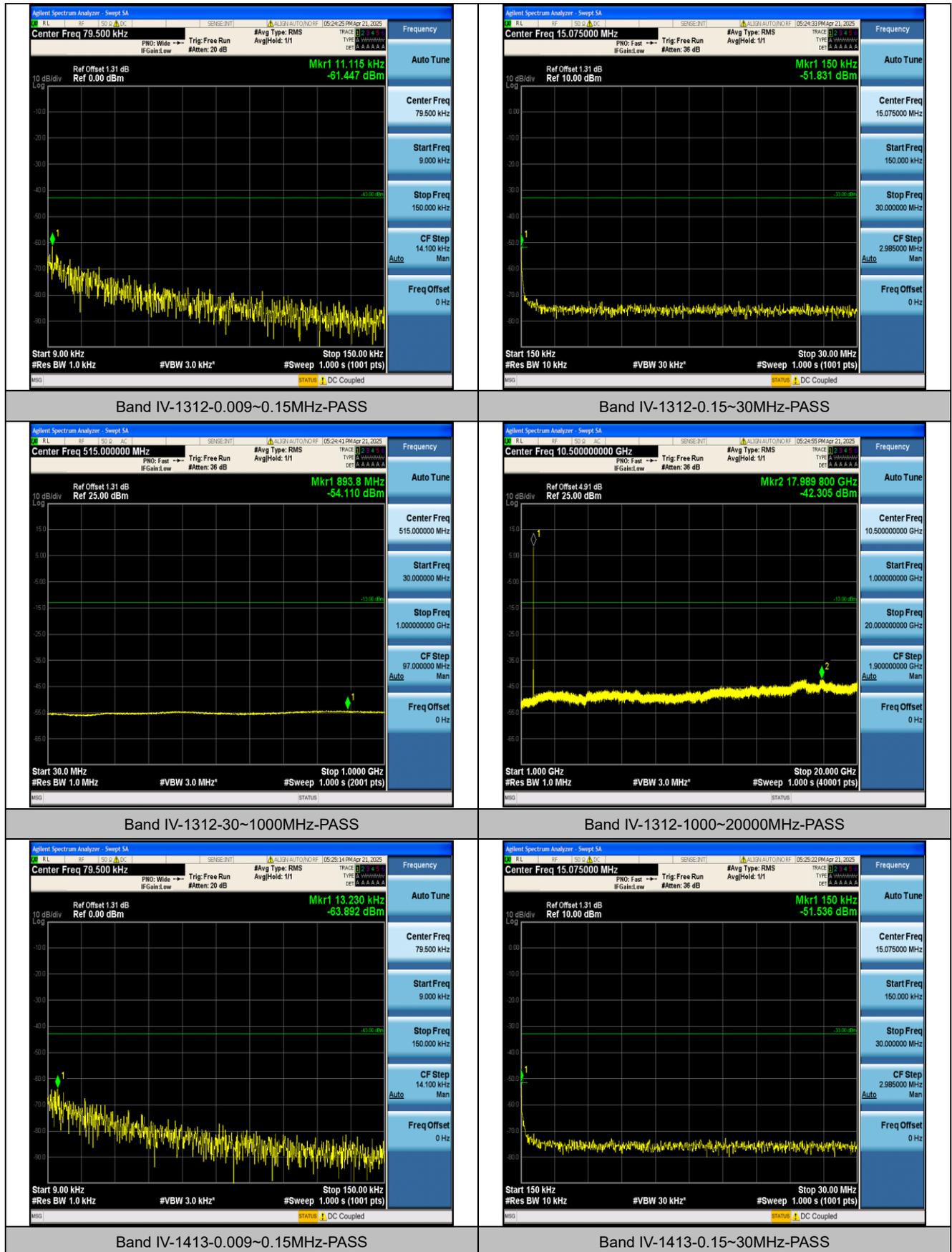
Band V-4132-PASS



Band V-4233-PASS

# Conducted Spurious Emission

## Test Graphs

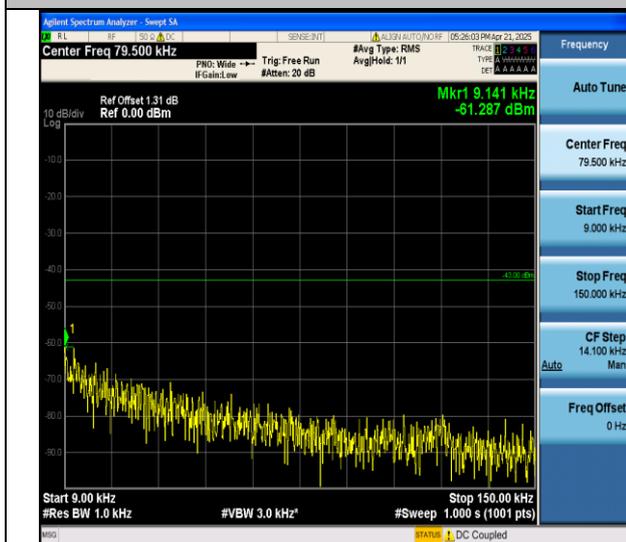




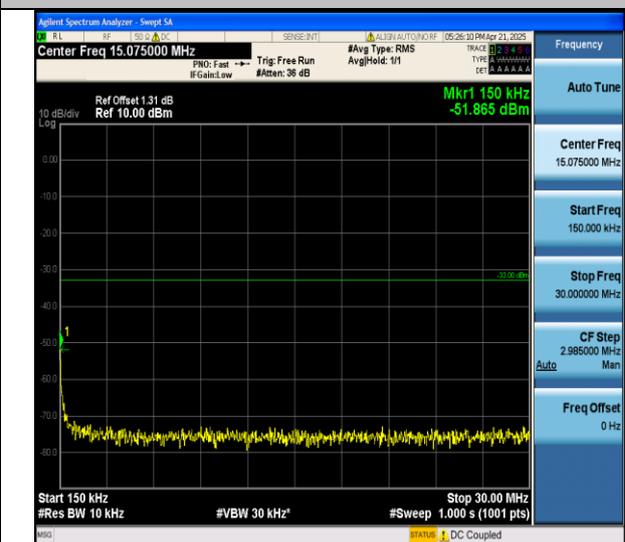
Band IV-1413-30~1000MHz-PASS



Band IV-1413-1000~20000MHz-PASS



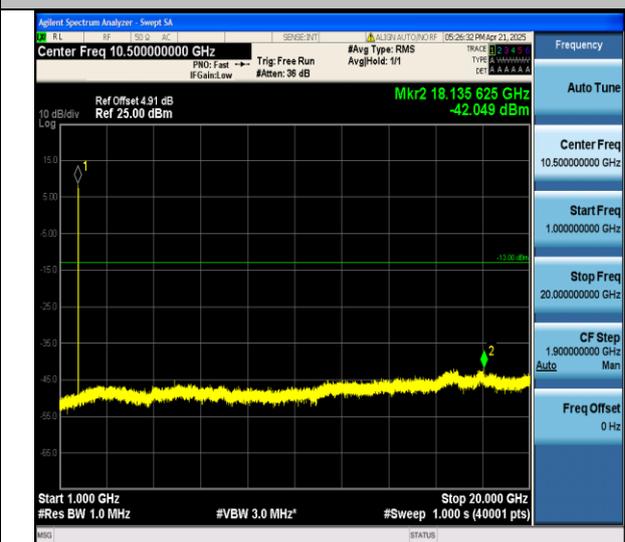
Band IV-1513-0.009~0.15MHz-PASS



Band IV-1513-0.15~30MHz-PASS



Band IV-1513-30~1000MHz-PASS



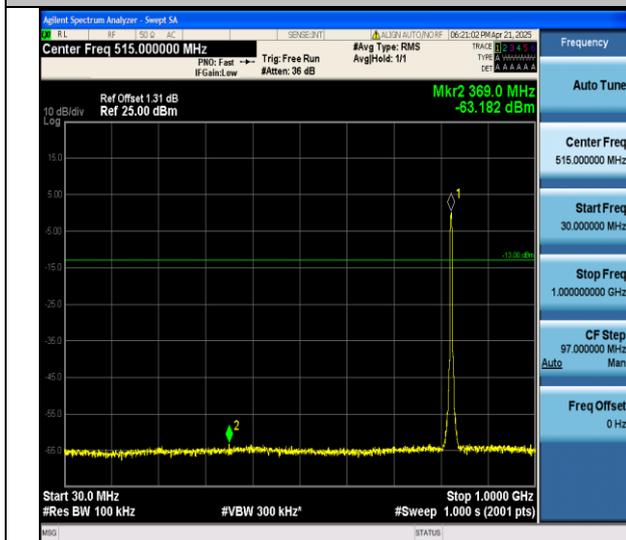
Band IV-1513-1000~20000MHz-PASS



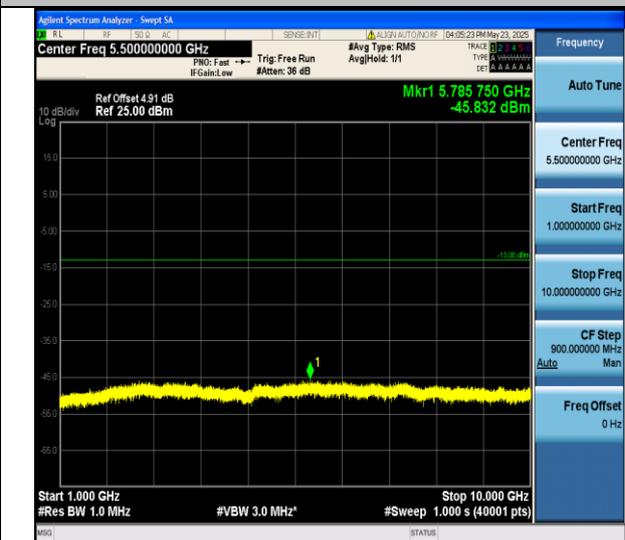
Band V-4132-0.009~0.15MHz-PASS



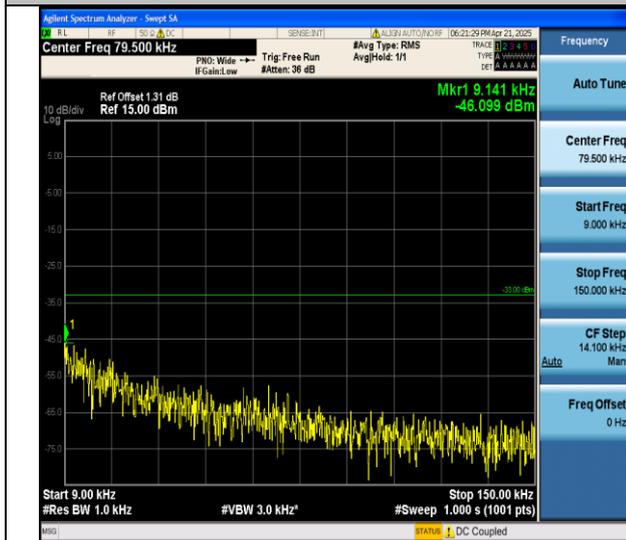
Band V-4132-0.15~30MHz-PASS



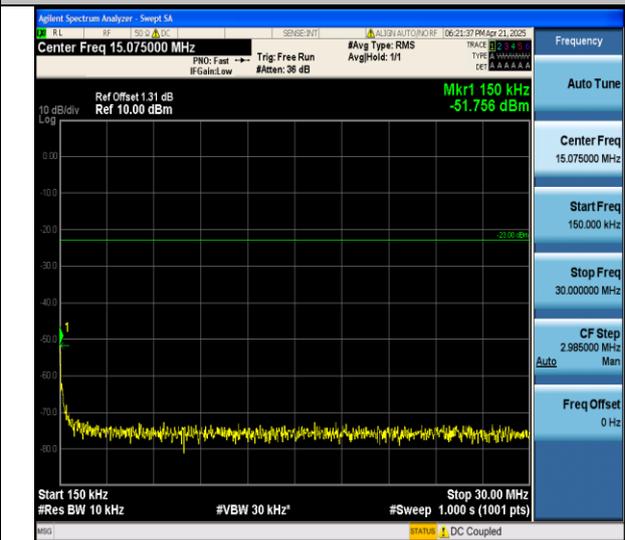
Band V-4132-30~1000MHz-PASS



Band V-4132-1000~10000MHz-PASS



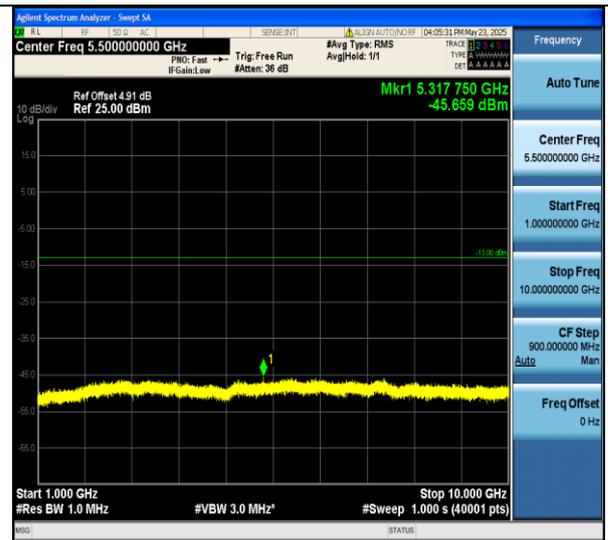
Band V-4182-0.009~0.15MHz-PASS



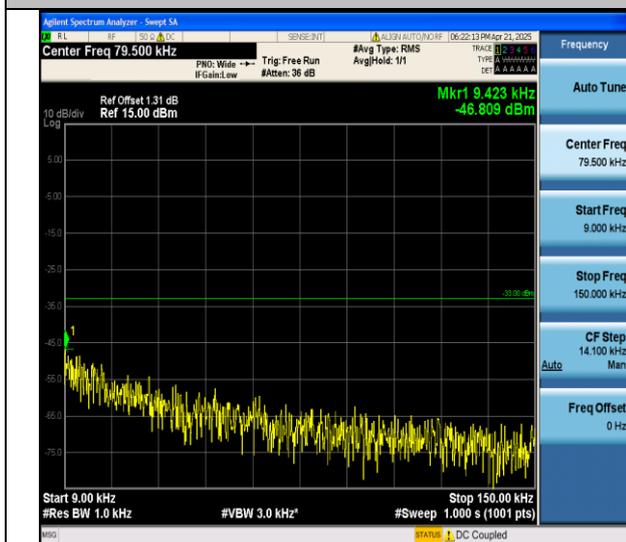
Band V-4182-0.15~30MHz-PASS



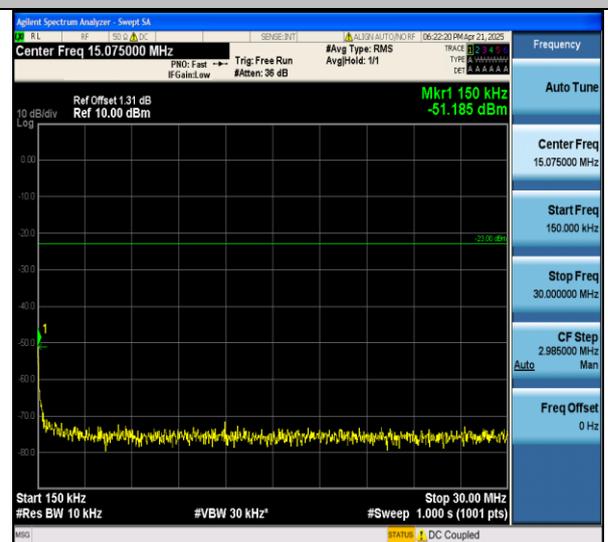
Band V-4182-30~1000MHz-PASS



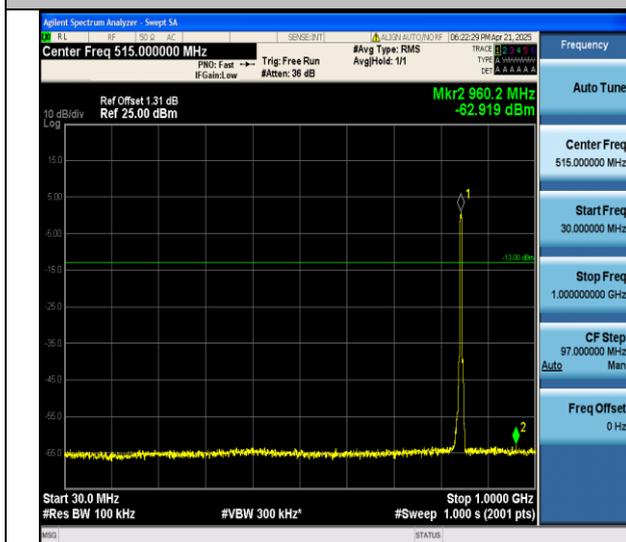
Band V-4182-1000~10000MHz-PASS



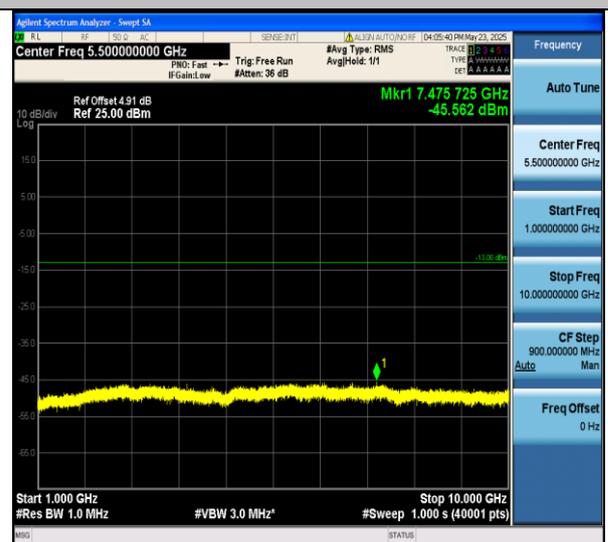
Band V-4233-0.009~0.15MHz-PASS



Band V-4233-0.15~30MHz-PASS



Band V-4233-30~1000MHz-PASS



Band V-4233-1000~10000MHz-PASS

## Frequency Stability

### Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band IV	1413	VN	NT	-2.51	-0.001449	--	PASS
Band IV	1413	VL	NT	-2.49	-0.001437	--	PASS
Band IV	1413	VH	NT	-2.41	-0.001391	--	PASS
Band V	4182	VN	NT	0.55	0.000658	±2.5	PASS
Band V	4182	VL	NT	0.06	0.000072	±2.5	PASS
Band V	4182	VH	NT	1.03	0.001231	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band IV	1413	NV	-30	-2.69	-0.001553	--	PASS
Band IV	1413	NV	-20	-2.37	-0.001368	--	PASS
Band IV	1413	NV	-10	-2.31	-0.001333	--	PASS
Band IV	1413	NV	0	-2.40	-0.001385	--	PASS
Band IV	1413	NV	10	-2.52	-0.001454	--	PASS
Band IV	1413	NV	20	-2.64	-0.001524	--	PASS
Band IV	1413	NV	30	-2.48	-0.001431	--	PASS
Band IV	1413	NV	40	-2.46	-0.001420	--	PASS
Band IV	1413	NV	50	-2.78	-0.001605	--	PASS
Band V	4182	NV	-30	0.30	0.000359	±2.5	PASS
Band V	4182	NV	-20	-0.14	-0.000167	±2.5	PASS
Band V	4182	NV	-10	-0.39	-0.000466	±2.5	PASS
Band V	4182	NV	0	-0.45	-0.000538	±2.5	PASS
Band V	4182	NV	10	0.03	0.000036	±2.5	PASS
Band V	4182	NV	20	0.28	0.000335	±2.5	PASS
Band V	4182	NV	30	-1.99	-0.002379	±2.5	PASS
Band V	4182	NV	40	0.31	0.000371	±2.5	PASS
Band V	4182	NV	50	0.19	0.000227	±2.5	PASS

~The End~