

Conducted Output Power

Test Result and Data(WCDMA)

WCDMA 850							
EUT Mode		Average power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
		4132	4183	4233			
		826.4MHz	836.6MHz	846.6MHz			
RMC	12.2 kbps	23.63	23.49	23.36	-3.20	18.28	38.45
HSDPA	Subtest 1	23.61	23.45	23.35			
	Subtest 2	22.57	22.45	22.34			
	Subtest 3	22.08	21.97	21.85			
	Subtest 4	22.11	21.96	21.84			
HSUPA	Subtest 1	22.11	21.98	21.83			
	Subtest 2	22.61	22.40	22.33			
	Subtest 3	20.60	20.43	20.35			
	Subtest 4	21.54	21.52	21.33			
	Subtest 5	20.54	20.44	20.34			

WCDMA 1700							
EUT Mode		Average power (dBm)			Ant. Gain (dBi)	Max. EIRP (dBm)	EIRP Limit (dBm)
		1312	1413	1513			
		1712.4MHz	1732.6MHz	1752.6MHz			
RMC	12.2 kbps	23.53	23.38	23.32	-1.50	22.03	30.00
HSDPA	Subtest 1	23.51	23.36	23.31			
	Subtest 2	22.50	22.35	22.27			
	Subtest 3	22.00	21.81	21.81			
	Subtest 4	21.96	21.81	21.80			
HSUPA	Subtest 1	21.91	21.89	21.77			
	Subtest 2	22.37	22.28	22.36			
	Subtest 3	20.30	20.34	20.27			
	Subtest 4	21.35	21.24	21.16			
	Subtest 5	20.40	20.24	20.23			

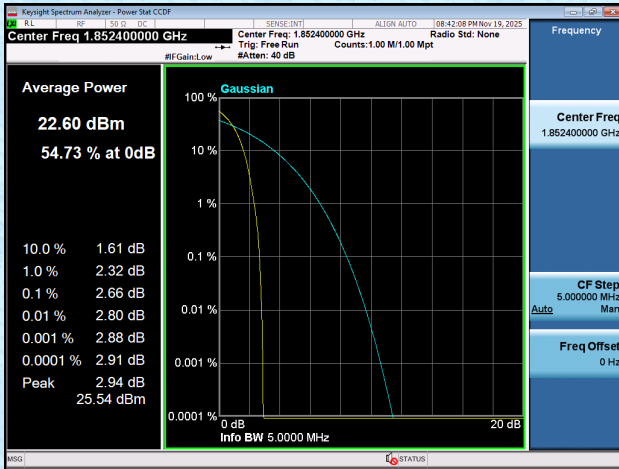
WCDMA 1900							
EUT Mode		Average power (dBm)			Ant. Gain (dBi)	Max. EIRP (dBm)	EIRP Limit (dBm)
		9262	9400	9538			
		1852.4MHz	1880.0MHz	1907.6MHz			
RMC	12.2 kbps	23.34	23.38	23.40	-0.65	22.75	33
HSDPA	Subtest 1	23.32	23.37	23.38			
	Subtest 2	22.32	22.35	22.40			
	Subtest 3	21.80	21.84	21.88			
	Subtest 4	21.86	21.81	21.90			
HSUPA	Subtest 1	21.77	21.79	21.85			
	Subtest 2	22.31	22.29	22.28			
	Subtest 3	20.29	20.32	20.42			
	Subtest 4	21.40	21.37	21.42			
	Subtest 5	20.36	20.27	20.38			

Peak-to-Average Ratio(CCDF)**Test Result and Data(WCDMA)**

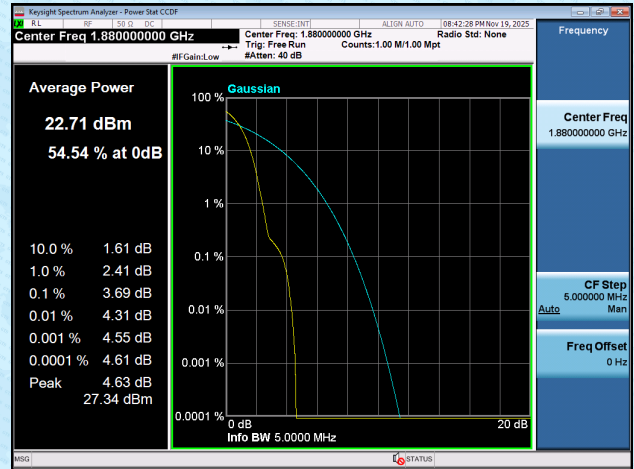
Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	2.66	13	PASS
Band2	9400	3.69	13	PASS
Band2	9538	2.93	13	PASS
Band4	1312	3.27	13	PASS
Band4	1413	3.52	13	PASS
Band4	1513	3.25	13	PASS
Band5	4132	2.92	13	PASS
Band5	4183	3.08	13	PASS
Band5	4233	3.31	13	PASS

Test Graphs

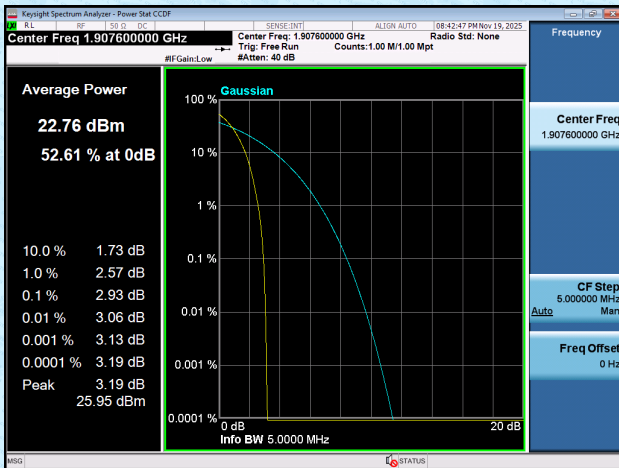
Band2-9262-PASS



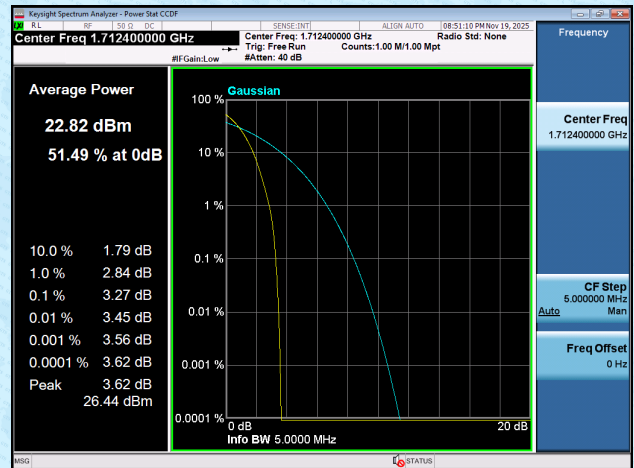
Band2-9400-PASS



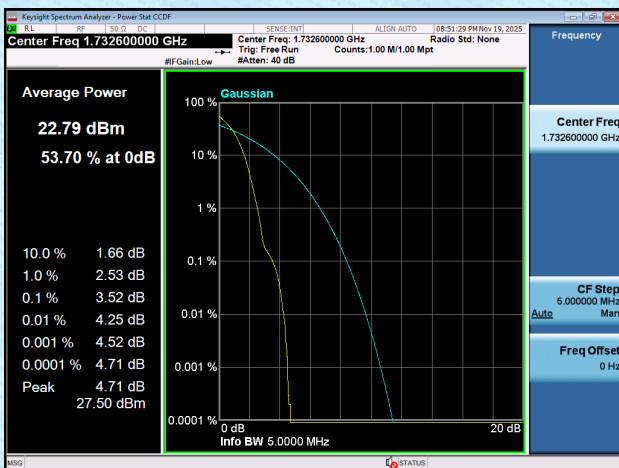
Band2-9538-PASS



Band4-1312-PASS



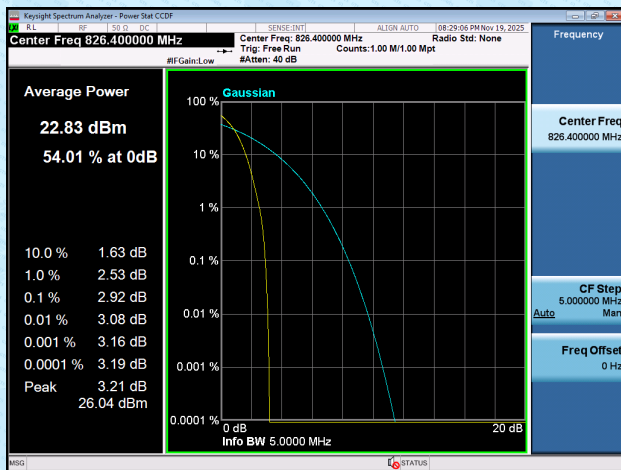
Band4-1413-PASS



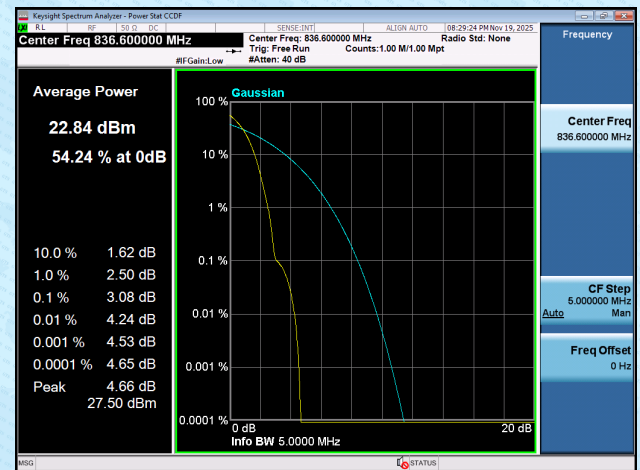
Band4-1513-PASS



Band5-4132-PASS



Band5-4183-PASS



Band5-4233-PASS

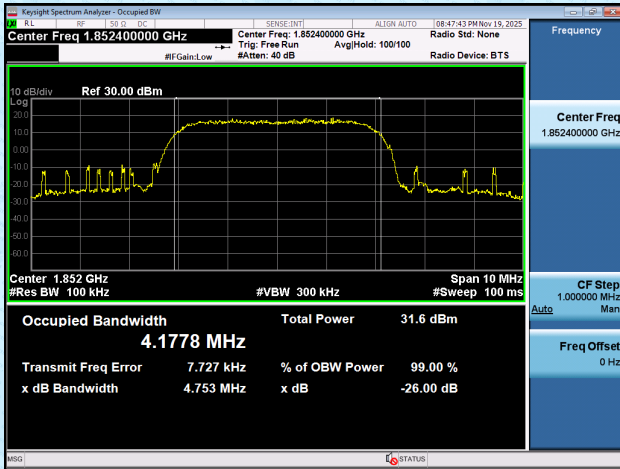


26dB Emission Bandwidth and 99% Occupied Bandwidth**Test Result and Data(WCDMA)**

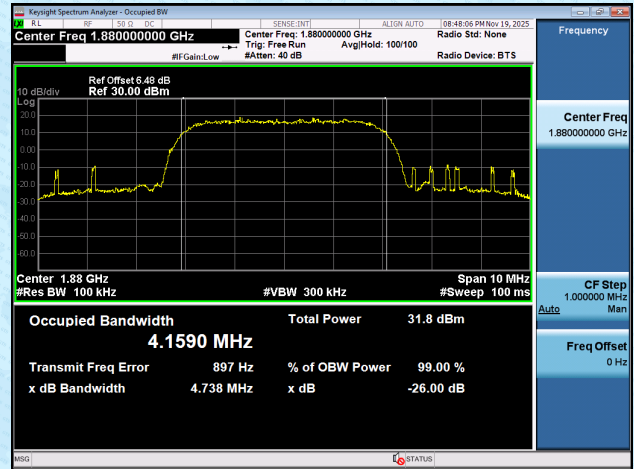
Band	Channel	26dB EBW(MHz)	99% OBW(MHz)	Limit(MHz)	Verdict
Band2	9262	4.753	4.1778	---	PASS
Band2	9400	4.738	4.1590	---	PASS
Band2	9538	4.714	4.1462	---	PASS
Band4	1312	4.706	4.1622	---	PASS
Band4	1413	4.802	4.1629	---	PASS
Band4	1513	4.705	4.1538	---	PASS
Band5	4132	4.714	4.1417	---	PASS
Band5	4183	4.728	4.1374	---	PASS
Band5	4233	4.681	4.1247	---	PASS

Test Graphs

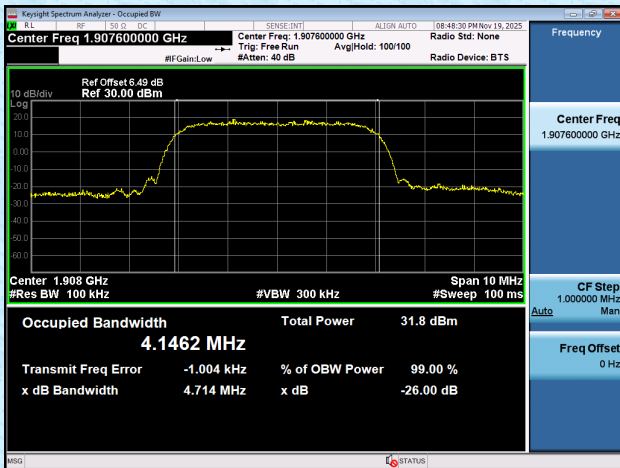
Band2-9262-PASS



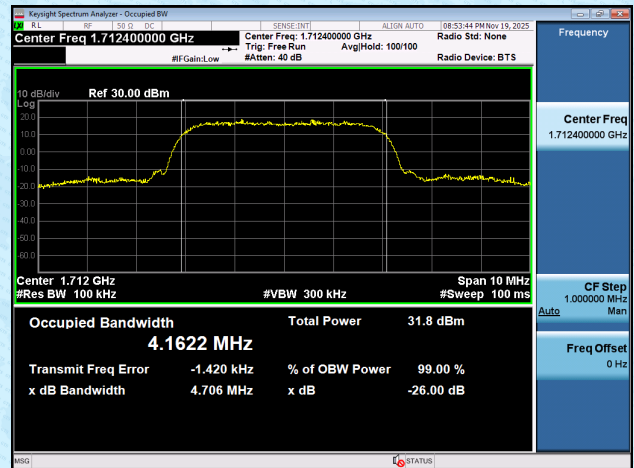
Band2-9400-PASS



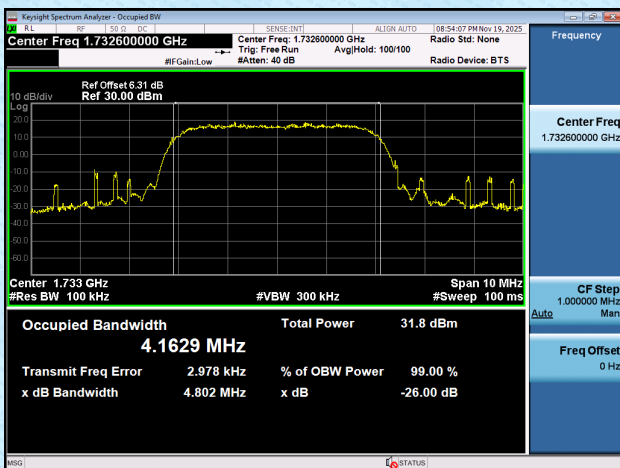
Band2-9538-PASS



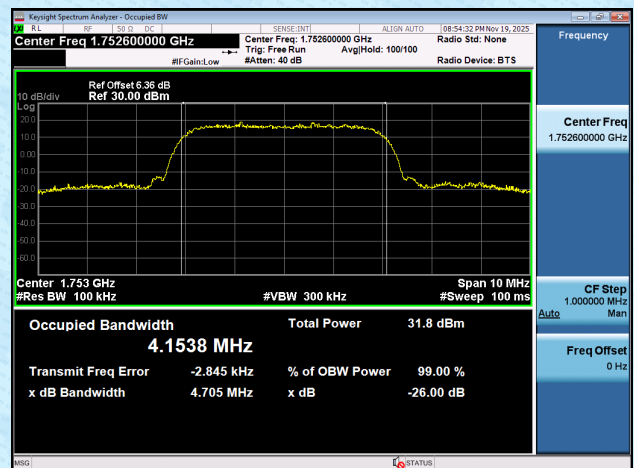
Band4-1312-PASS



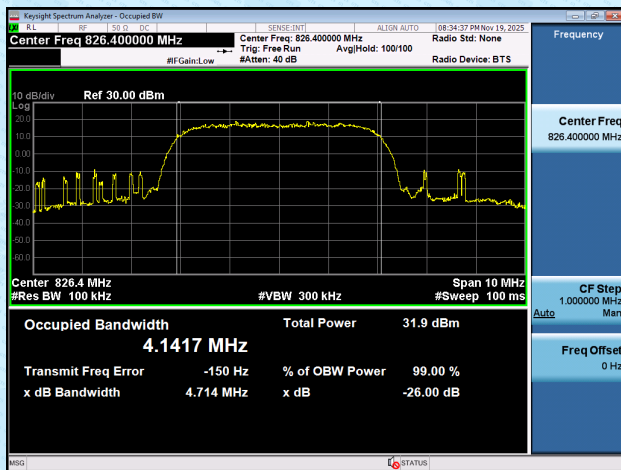
Band4-1413-PASS



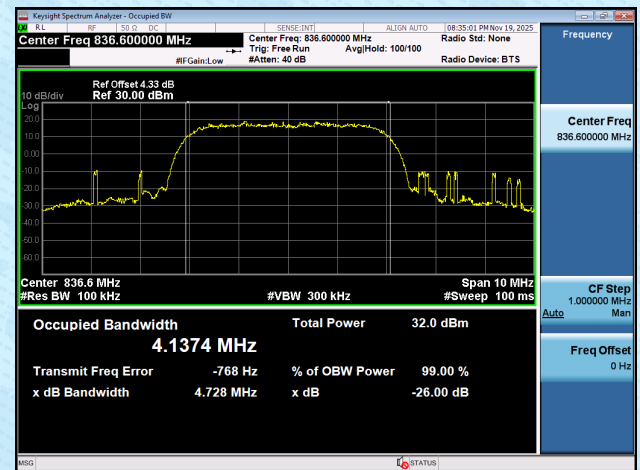
Band4-1513-PASS



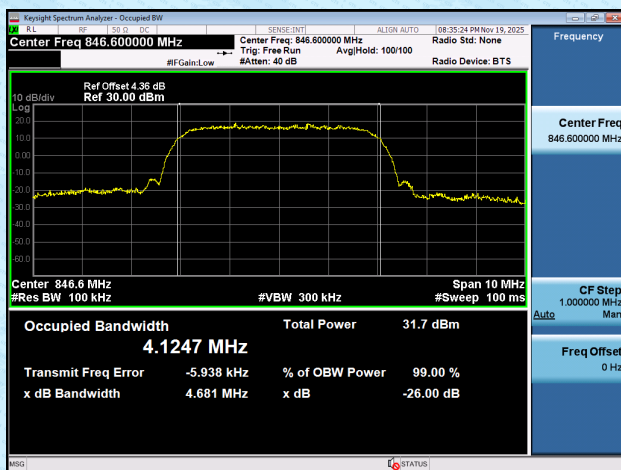
Band5-4132-PASS



Band5-4183-PASS



Band5-4233-PASS



Conducted Band Edge**Test Result and Data(WCDMA)**

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1849.99	-20.98	-13	PASS
Band2	9538	1910.01	-22.03	-13	PASS
Band4	1312	1709.87	-19.79	-13	PASS
Band4	1513	1755.01	-21.74	-13	PASS
Band5	4132	823.99	-22.34	-13	PASS
Band5	4233	849.17	-24.10	-13	PASS

Test Graphs

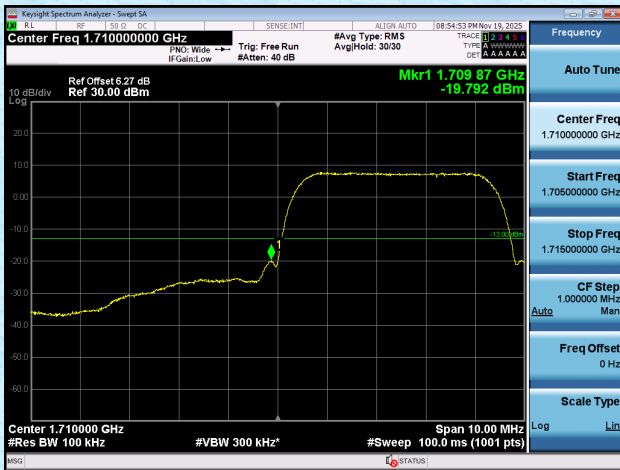
Band2-9262-PASS



Band2-9538-PASS



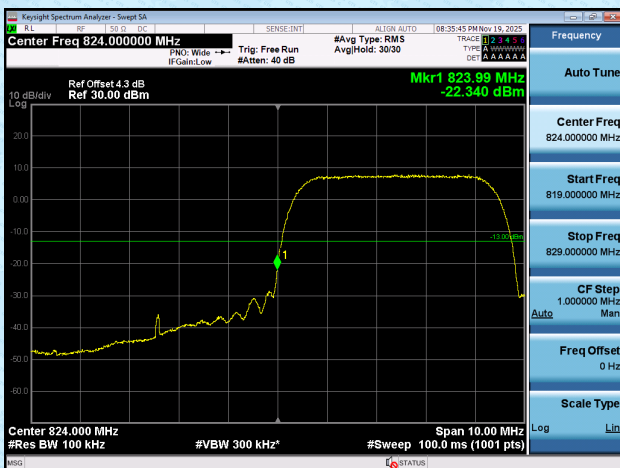
Band4-1312-PASS



Band4-1513-PASS



Band5-4132-PASS



Band5-4233-PASS

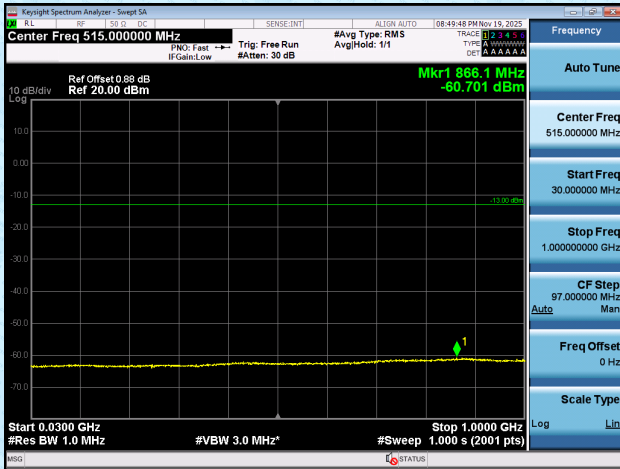


Conducted Spurious Emission**Test Result and Data(WCDMA)**

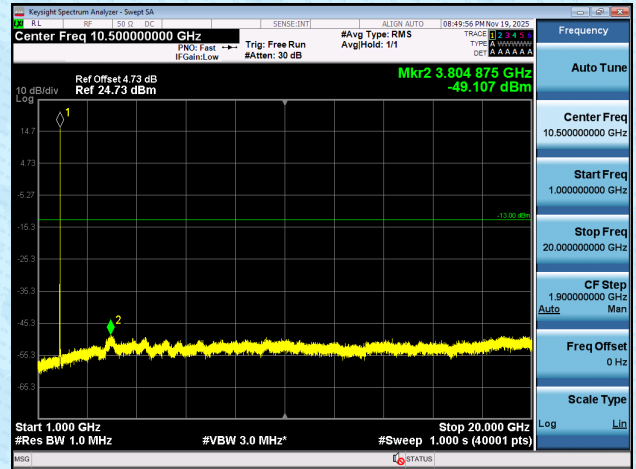
Band	Channel	Frequency Range(MHz)	Frequency (dBm)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	30~1000MHz	866.14	-60.7	-13	PASS
Band2	9262	1000~20000MHz	3804.88	-49.11	-13	PASS
Band2	9400	30~1000MHz	903.97	-60.87	-13	PASS
Band2	9400	1000~20000MHz	3793.48	-49	-13	PASS
Band2	9538	30~1000MHz	878.75	-60.78	-13	PASS
Band2	9538	1000~20000MHz	3813.43	-48.8	-13	PASS
Band4	1312	30~1000MHz	894.27	-60.85	-13	PASS
Band4	1312	1000~20000MHz	18874.73	-48.95	-13	PASS
Band4	1413	30~1000MHz	897.18	-60.84	-13	PASS
Band4	1413	1000~20000MHz	9797	-48.84	-13	PASS
Band4	1513	30~1000MHz	895.24	-60.67	-13	PASS
Band4	1513	1000~20000MHz	3837.18	-49.1	-13	PASS
Band5	4132	30~1000MHz	951.5	-70.23	-13	PASS
Band5	4132	1000~10000MHz	3812.5	-49.32	-13	PASS
Band5	4183	30~1000MHz	734.22	-70.43	-13	PASS
Band5	4183	1000~10000MHz	1671.85	-48.55	-13	PASS
Band5	4233	30~1000MHz	987.39	-70.68	-13	PASS
Band5	4233	1000~10000MHz	3849.4	-49.4	-13	PASS

Test Graphs

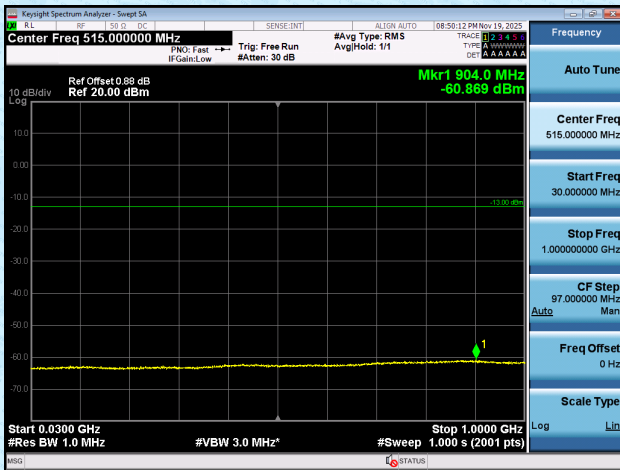
Band2-9262-30~1000MHz-PASS



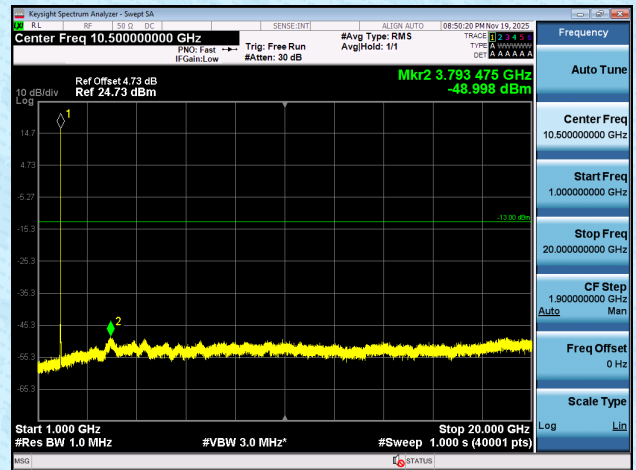
Band2-9262-1000~20000MHz-PASS



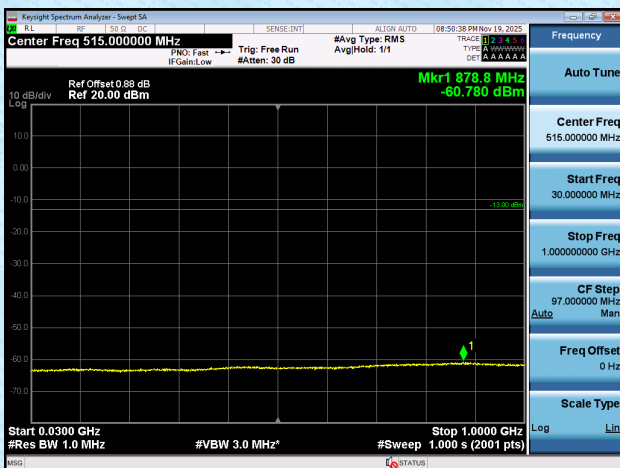
Band2-9400-30~1000MHz-PASS



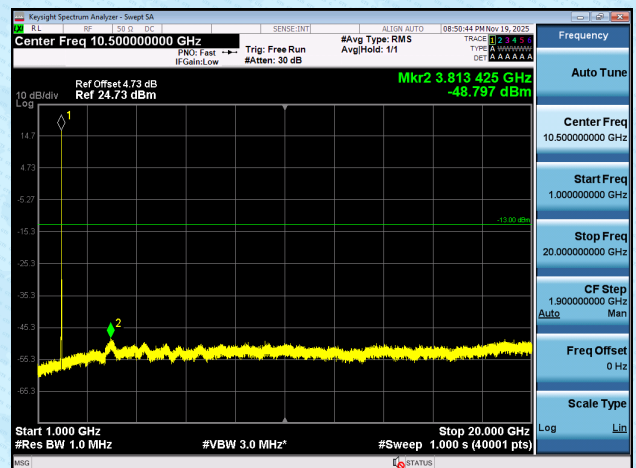
Band2-9400-1000~20000MHz-PASS



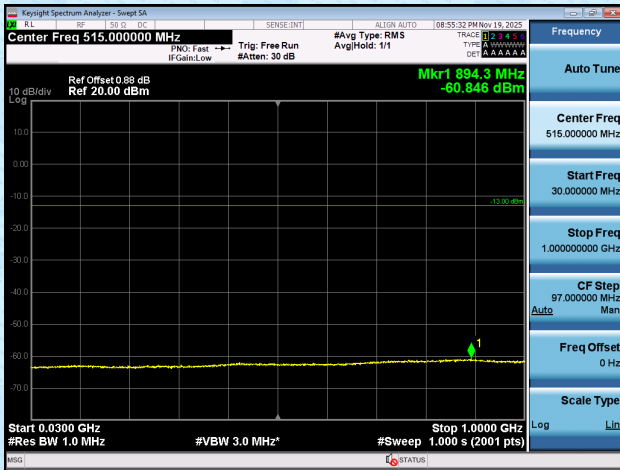
Band2-9538-30~1000MHz-PASS



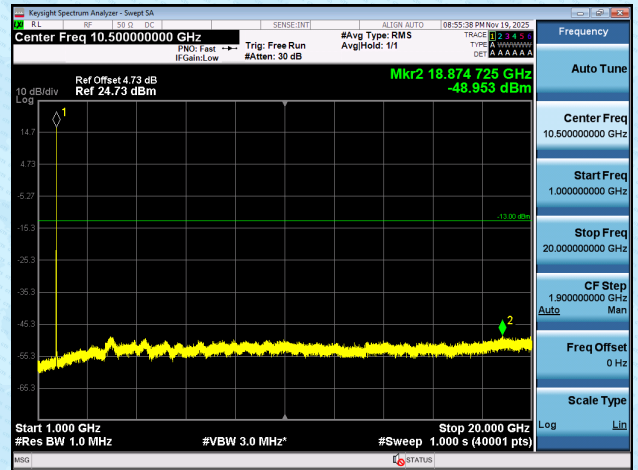
Band2-9538-1000~20000MHz-PASS



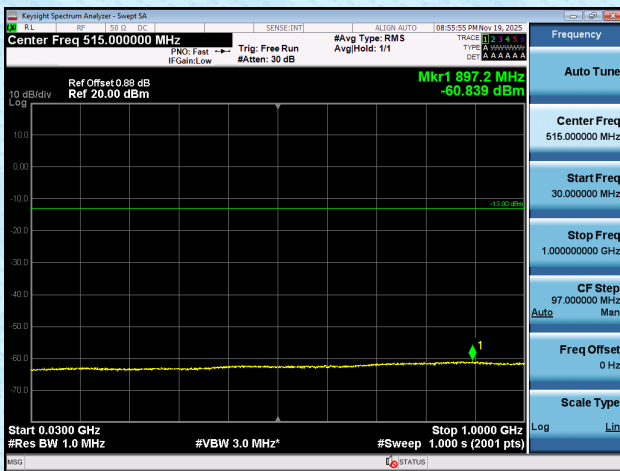
Band4-1312-30~1000MHz-PASS



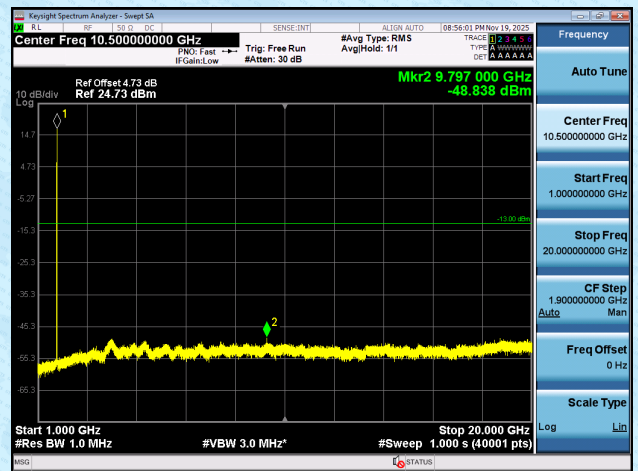
Band4-1312-1000~20000MHz-PASS



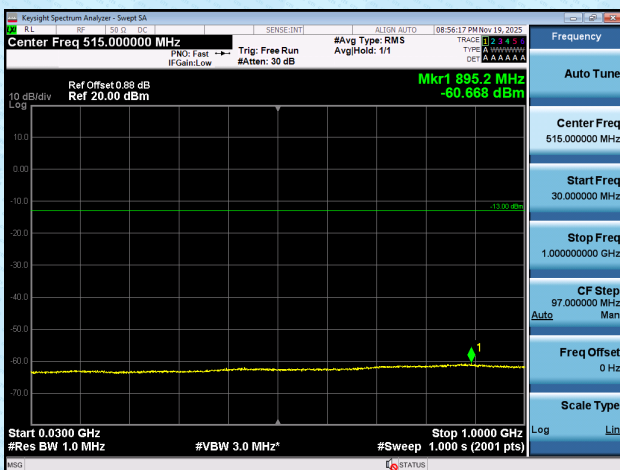
Band4-1413-30~1000MHz-PASS



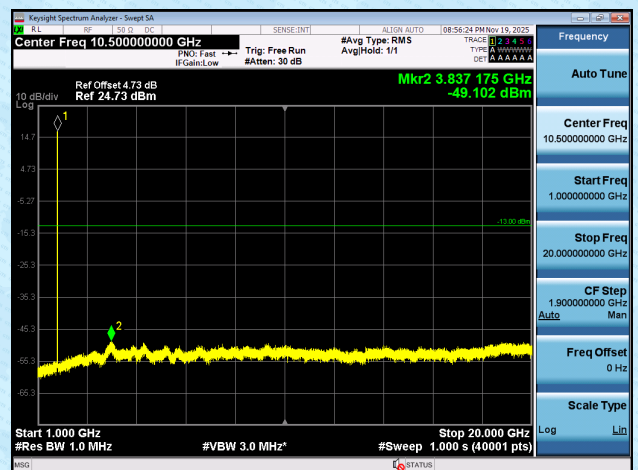
Band4-1413-1000~20000MHz-PASS



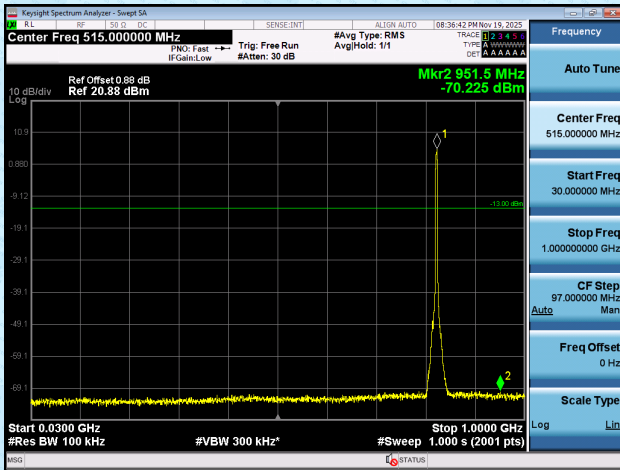
Band4-1513-30~1000MHz-PASS



Band4-1513-1000~20000MHz-PASS



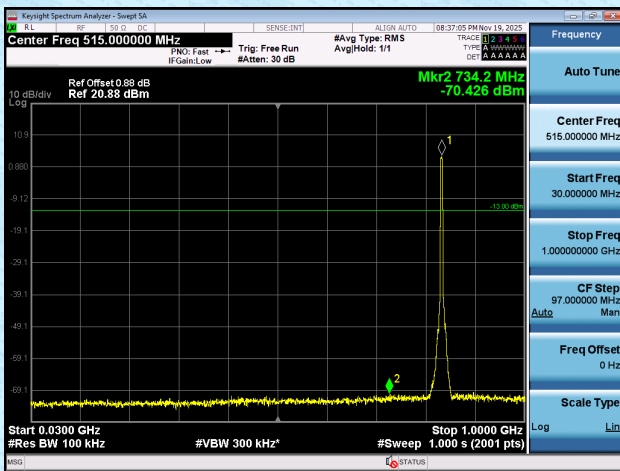
Band5-4132-30~1000MHz-PASS



Band5-4132-1000~10000MHz-PASS



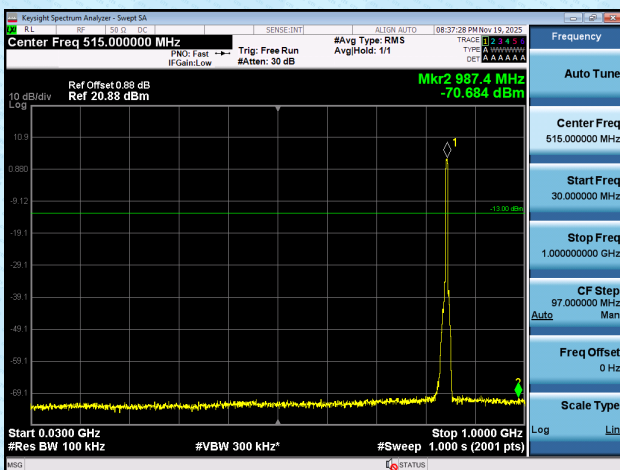
Band5-4183-30~1000MHz-PASS



Band5-4183-1000~10000MHz-PASS



Band5-4233-30~1000MHz-PASS



Band5-4233-1000~10000MHz-PASS



Frequency Stability

Test Result and Data(WCDMA)

WCDMA Band 2__Mid Channe					
Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NV	NT	-1.41	-0.000750	Within authorized band for Band 2	PASS
LV	NT	-1.48	-0.000787		PASS
HV	NT	-1.54	-0.000819		PASS
NV	-30	-1.54	-0.000819		PASS
NV	-20	-1.37	-0.000729		PASS
NV	-10	-1.46	-0.000777		PASS
NV	0	-1.75	-0.000931		PASS
NV	10	-1.47	-0.000782		PASS
NV	20	-1.44	-0.000766		PASS
NV	30	-1.35	-0.000718		PASS
NV	40	-1.55	-0.000824		PASS
NV	50	-1.40	-0.000745		PASS

WCDMA Band 4__Mid Channe					
Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NV	NT	-2.83	-0.001633	Within authorized band for Band 2	PASS
LV	NT	-2.49	-0.001437		PASS
HV	NT	-2.61	-0.001506		PASS
NV	-30	-2.75	-0.001587		PASS
NV	-20	-2.21	-0.001276		PASS
NV	-10	-2.22	-0.001281		PASS
NV	0	-2.48	-0.001431		PASS
NV	10	-2.22	-0.001281		PASS
NV	20	-2.71	-0.001564		PASS
NV	30	-1.72	-0.000993		PASS
NV	40	-2.70	-0.001558		PASS
NV	50	-2.41	-0.001391		PASS

WCDMA Band 5__Mid Channe					
Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NV	NT	0.05	0.000060	±2.5	PASS
LV	NT	0.06	0.000072		PASS
HV	NT	-0.02	-0.000024		PASS
NV	-30	0.01	0.000012		PASS
NV	-20	-0.01	-0.000012		PASS
NV	-10	0.11	0.000131		PASS
NV	0	0.02	0.000024		PASS
NV	10	0.03	0.000036		PASS
NV	20	0.07	0.000084		PASS
NV	30	0.00	0.000000		PASS
NV	40	0.16	0.000191		PASS
NV	50	0.09	0.000108		PASS

Note 1: Normal Voltage = 3.79V, Low Voltage = 3.25V, High Voltage = 4.35V, Normal Temperature = 20°C.

****END OF REPORT****