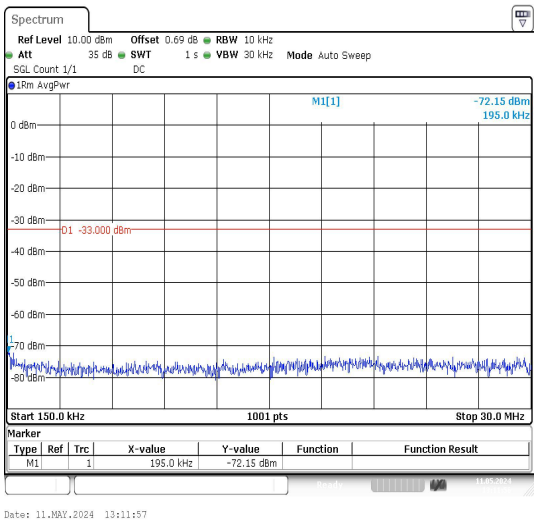
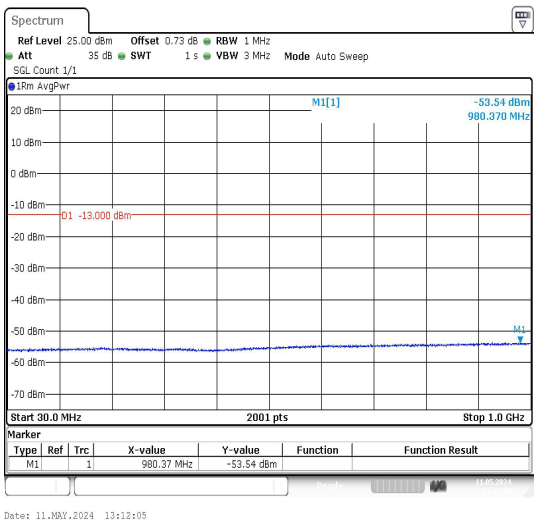
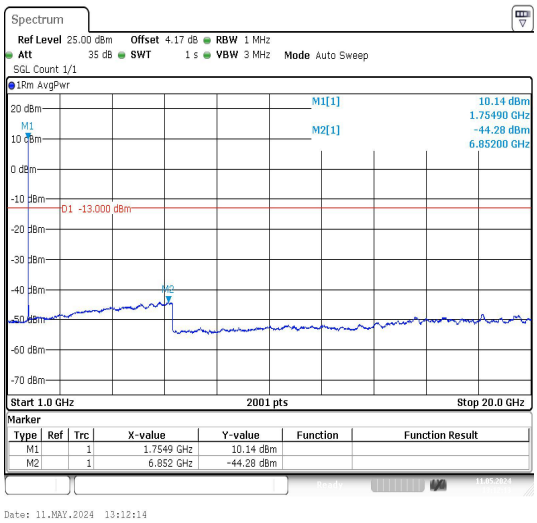


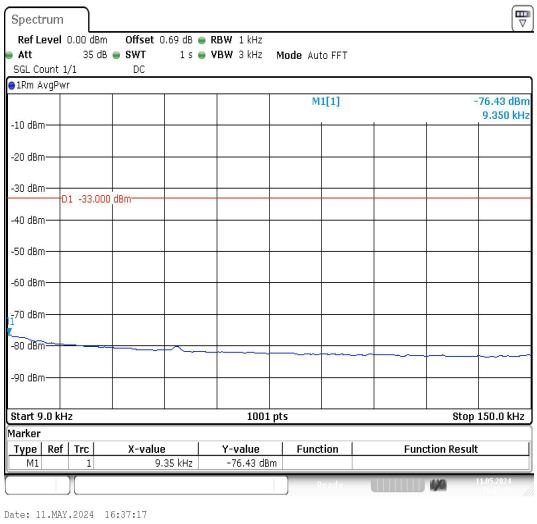
Band4-1513-0.15~30MHz-PASS



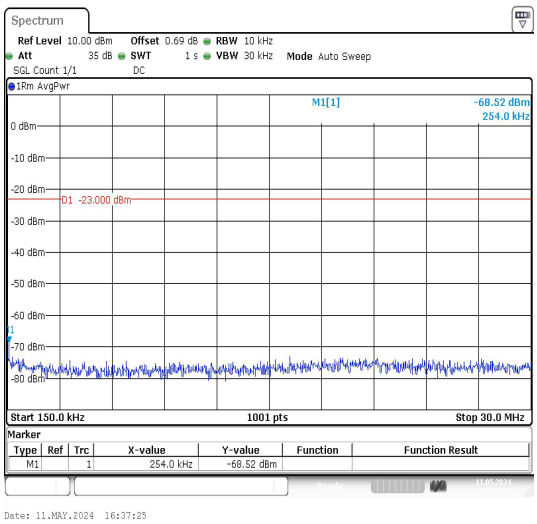
Band4-1513-30~1000MHz-PASS



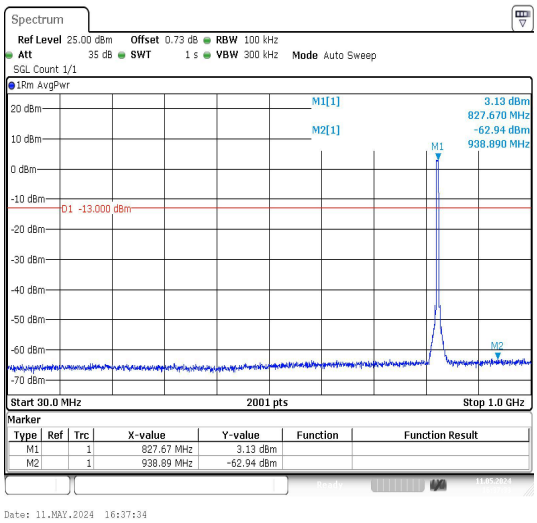
Band4-1513-1000~20000MHz-PASS



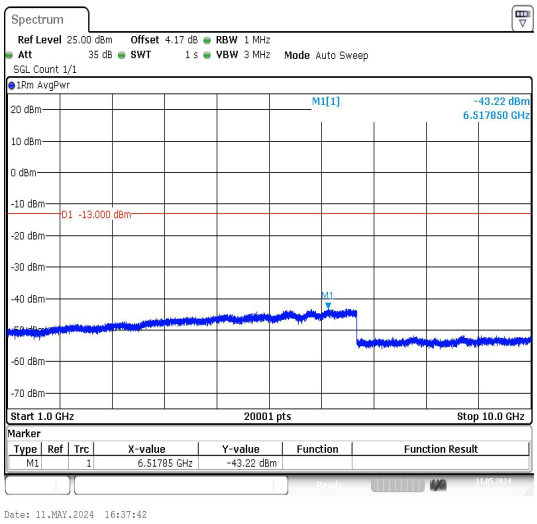
Band5-4132-0.009~0.15MHz-PASS



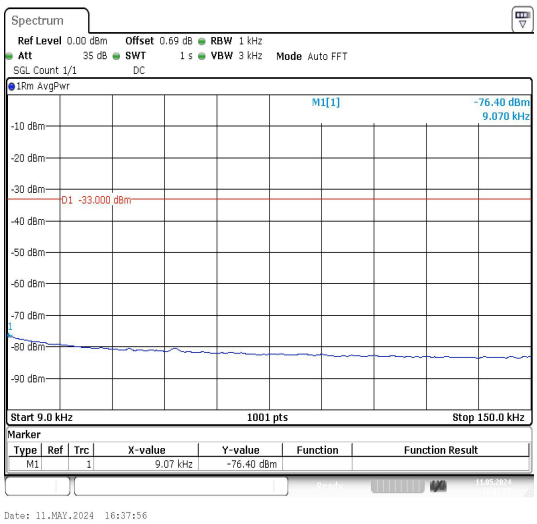
Band5-4132-0.15~30MHz-PASS



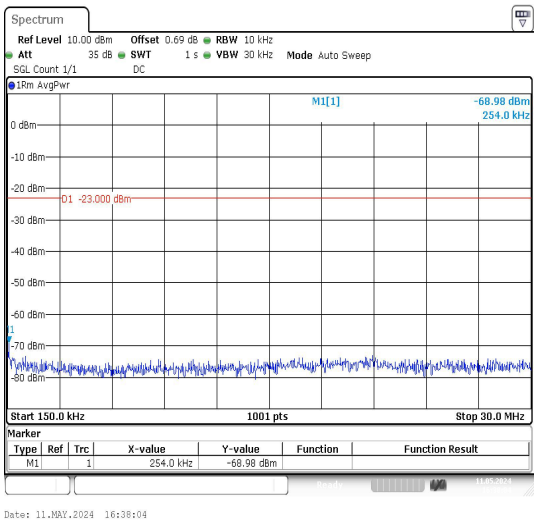
Band5-4132-30~1000MHz-PASS



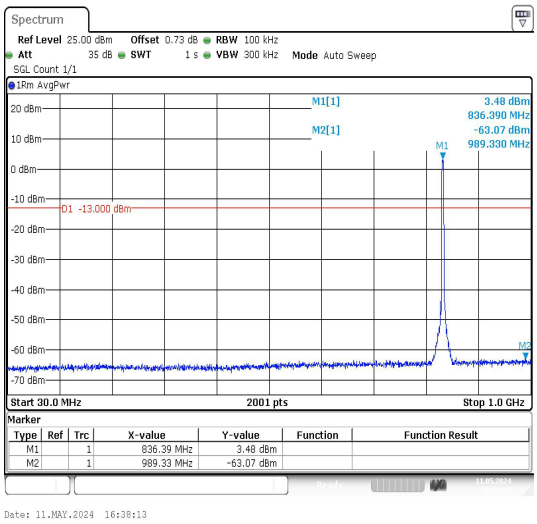
Band5-4132-1000~10000MHz-PASS



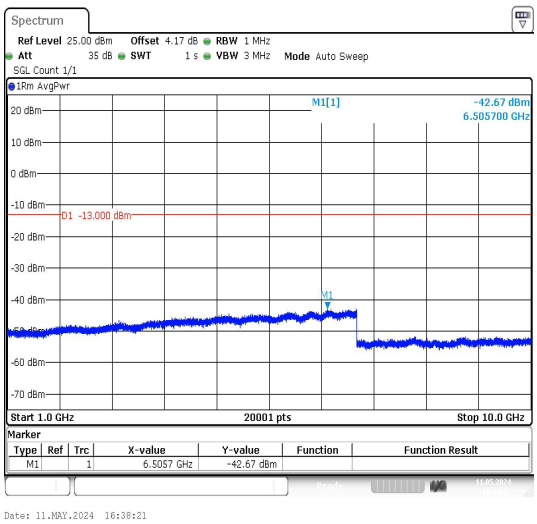
Band5-4182-0.009~0.15MHz-PASS



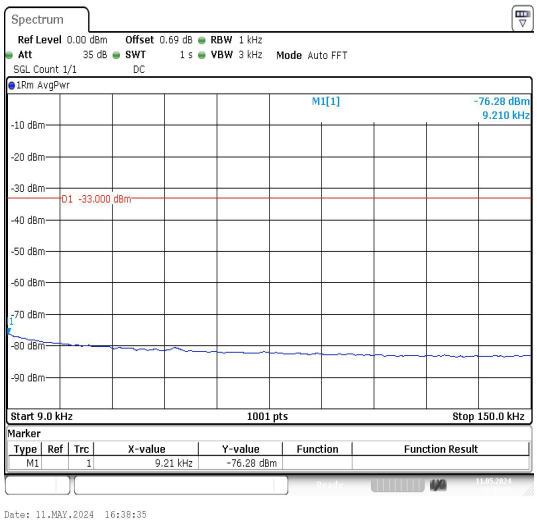
Band5-4182-0.15~30MHz-PASS



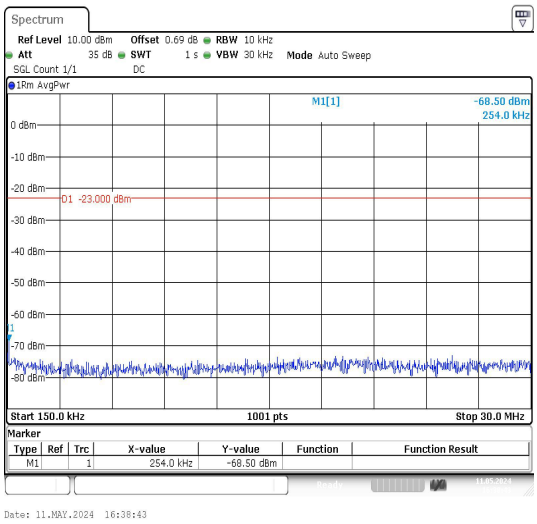
Band5-4182-30~1000MHz-PASS



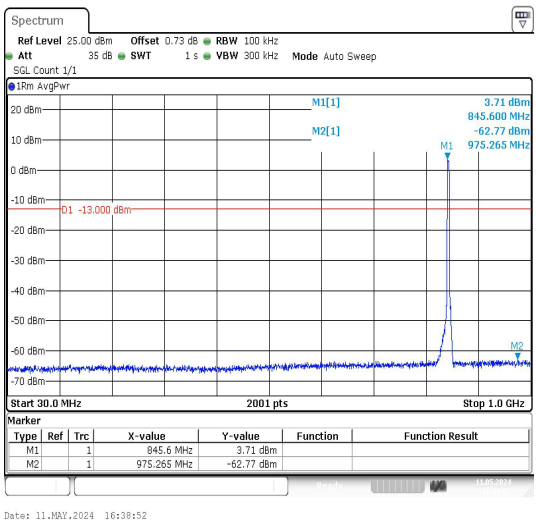
Band5-4182-1000~10000MHz-PASS



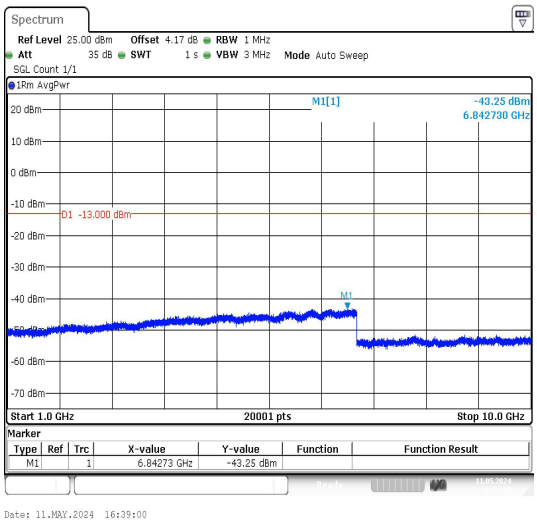
Band5-4233-0.009~0.15MHz-PASS



Band5-4233-0.15~30MHz-PASS



Band5-4233-30~1000MHz-PASS



Band5-4233-1000~10000MHz-PASS

Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	VN	NT	1.82	0.000983	±2.5	PASS
Band2	9262	VL	NT	2.62	0.001414	±2.5	PASS
Band2	9262	VH	NT	0.09	0.000049	±2.5	PASS
Band2	9400	VN	NT	3.50	0.001862	±2.5	PASS
Band2	9400	VL	NT	2.33	0.001239	±2.5	PASS
Band2	9400	VH	NT	0.80	0.000426	±2.5	PASS
Band2	9538	VN	NT	1.42	0.000744	±2.5	PASS
Band2	9538	VL	NT	1.80	0.000944	±2.5	PASS
Band2	9538	VH	NT	4.11	0.002155	±2.5	PASS
Band4	1312	VN	NT	1.35	0.000788	±2.5	PASS
Band4	1312	VL	NT	0.19	0.000111	±2.5	PASS
Band4	1312	VH	NT	2.73	0.001594	±2.5	PASS
Band4	1413	VN	NT	-1.10	-0.000635	±2.5	PASS
Band4	1413	VL	NT	-1.40	-0.000808	±2.5	PASS
Band4	1413	VH	NT	0.43	0.000248	±2.5	PASS
Band4	1513	VN	NT	-1.58	-0.000902	±2.5	PASS
Band4	1513	VL	NT	-3.34	-0.001906	±2.5	PASS
Band4	1513	VH	NT	-2.40	-0.001369	±2.5	PASS
Band5	4132	VN	NT	-2.45	-0.002965	±2.5	PASS
Band5	4132	VL	NT	-1.13	-0.001367	±2.5	PASS
Band5	4132	VH	NT	-0.66	-0.000799	±2.5	PASS
Band5	4182	VN	NT	1.44	0.001722	±2.5	PASS
Band5	4182	VL	NT	2.16	0.002582	±2.5	PASS
Band5	4182	VH	NT	0.44	0.000526	±2.5	PASS
Band5	4233	VN	NT	-1.65	-0.001949	±2.5	PASS
Band5	4233	VL	NT	0.36	0.000425	±2.5	PASS
Band5	4233	VH	NT	0.00	0.000000	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	NV	-30	3.13	0.001690	±2.5	PASS
Band2	9262	NV	-20	3.76	0.002030	±2.5	PASS

Band2	9262	NV	-10	3.06	0.001652	±2.5	PASS
Band2	9262	NV	0	4.41	0.002381	±2.5	PASS
Band2	9262	NV	10	1.19	0.000642	±2.5	PASS
Band2	9262	NV	20	3.46	0.001868	±2.5	PASS
Band2	9262	NV	30	4.31	0.002327	±2.5	PASS
Band2	9262	NV	40	3.98	0.002149	±2.5	PASS
Band2	9262	NV	50	1.67	0.000902	±2.5	PASS
Band2	9400	NV	-30	2.50	0.001330	±2.5	PASS
Band2	9400	NV	-20	2.78	0.001479	±2.5	PASS
Band2	9400	NV	-10	4.21	0.002239	±2.5	PASS
Band2	9400	NV	0	4.76	0.002532	±2.5	PASS
Band2	9400	NV	10	1.11	0.000590	±2.5	PASS
Band2	9400	NV	20	2.47	0.001314	±2.5	PASS
Band2	9400	NV	30	2.49	0.001324	±2.5	PASS
Band2	9400	NV	40	5.00	0.002660	±2.5	PASS
Band2	9400	NV	50	3.75	0.001995	±2.5	PASS
Band2	9538	NV	-30	0.79	0.000414	±2.5	PASS
Band2	9538	NV	-20	4.16	0.002181	±2.5	PASS
Band2	9538	NV	-10	2.12	0.001111	±2.5	PASS
Band2	9538	NV	0	1.01	0.000529	±2.5	PASS
Band2	9538	NV	10	1.11	0.000582	±2.5	PASS
Band2	9538	NV	20	2.17	0.001138	±2.5	PASS
Band2	9538	NV	30	4.93	0.002584	±2.5	PASS
Band2	9538	NV	40	2.56	0.001342	±2.5	PASS
Band2	9538	NV	50	4.18	0.002191	±2.5	PASS
Band4	1312	NV	-30	1.22	0.000712	±2.5	PASS
Band4	1312	NV	-20	0.27	0.000158	±2.5	PASS
Band4	1312	NV	-10	1.44	0.000841	±2.5	PASS
Band4	1312	NV	0	4.03	0.002353	±2.5	PASS
Band4	1312	NV	10	2.95	0.001723	±2.5	PASS
Band4	1312	NV	20	1.81	0.001057	±2.5	PASS
Band4	1312	NV	30	1.33	0.000777	±2.5	PASS
Band4	1312	NV	40	2.30	0.001343	±2.5	PASS
Band4	1312	NV	50	3.74	0.002184	±2.5	PASS
Band4	1413	NV	-30	0.21	0.000121	±2.5	PASS
Band4	1413	NV	-20	2.50	0.001443	±2.5	PASS
Band4	1413	NV	-10	-1.95	-0.001125	±2.5	PASS
Band4	1413	NV	0	0.74	0.000427	±2.5	PASS
Band4	1413	NV	10	2.15	0.001241	±2.5	PASS
Band4	1413	NV	20	2.05	0.001183	±2.5	PASS
Band4	1413	NV	30	-0.17	-0.000098	±2.5	PASS

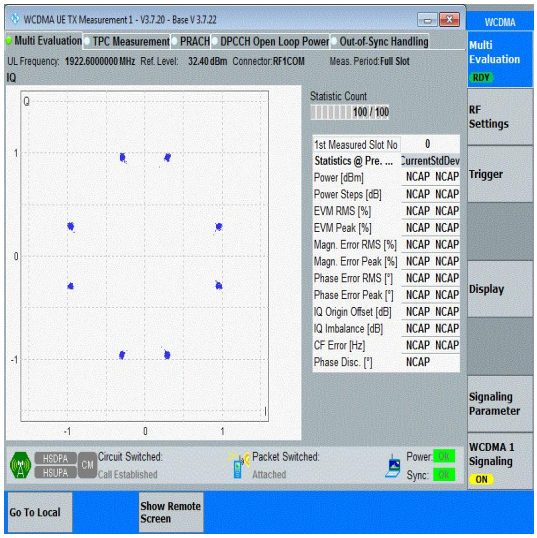
Band4	1413	NV	40	-0.87	-0.000502	±2.5	PASS
Band4	1413	NV	50	1.49	0.000860	±2.5	PASS
Band4	1513	NV	-30	-2.50	-0.001426	±2.5	PASS
Band4	1513	NV	-20	-1.34	-0.000765	±2.5	PASS
Band4	1513	NV	-10	-2.56	-0.001461	±2.5	PASS
Band4	1513	NV	0	-0.17	-0.000097	±2.5	PASS
Band4	1513	NV	10	-1.27	-0.000725	±2.5	PASS
Band4	1513	NV	20	-0.74	-0.000422	±2.5	PASS
Band4	1513	NV	30	-1.24	-0.000708	±2.5	PASS
Band4	1513	NV	40	-2.66	-0.001518	±2.5	PASS
Band4	1513	NV	50	-3.13	-0.001786	±2.5	PASS
Band5	4132	NV	-30	-0.61	-0.000738	±2.5	PASS
Band5	4132	NV	-20	-0.71	-0.000859	±2.5	PASS
Band5	4132	NV	-10	-2.74	-0.003316	±2.5	PASS
Band5	4132	NV	0	-2.07	-0.002505	±2.5	PASS
Band5	4132	NV	10	-2.00	-0.002420	±2.5	PASS
Band5	4132	NV	20	-0.81	-0.000980	±2.5	PASS
Band5	4132	NV	30	-0.05	-0.000061	±2.5	PASS
Band5	4132	NV	40	-0.72	-0.000871	±2.5	PASS
Band5	4132	NV	50	0.79	0.000956	±2.5	PASS
Band5	4182	NV	-30	0.97	0.001160	±2.5	PASS
Band5	4182	NV	-20	1.26	0.001506	±2.5	PASS
Band5	4182	NV	-10	1.32	0.001578	±2.5	PASS
Band5	4182	NV	0	0.92	0.001100	±2.5	PASS
Band5	4182	NV	10	0.21	0.000251	±2.5	PASS
Band5	4182	NV	20	0.34	0.000407	±2.5	PASS
Band5	4182	NV	30	0.75	0.000897	±2.5	PASS
Band5	4182	NV	40	0.44	0.000526	±2.5	PASS
Band5	4182	NV	50	0.82	0.000980	±2.5	PASS
Band5	4233	NV	-30	-1.34	-0.001583	±2.5	PASS
Band5	4233	NV	-20	0.04	0.000047	±2.5	PASS
Band5	4233	NV	-10	-0.56	-0.000661	±2.5	PASS
Band5	4233	NV	0	-0.30	-0.000354	±2.5	PASS
Band5	4233	NV	10	-1.29	-0.001524	±2.5	PASS
Band5	4233	NV	20	-0.97	-0.001146	±2.5	PASS
Band5	4233	NV	30	-0.27	-0.000319	±2.5	PASS
Band5	4233	NV	40	0.76	0.000898	±2.5	PASS
Band5	4233	NV	50	0.43	0.000508	±2.5	PASS

Appendix G: Modulation Characteristics

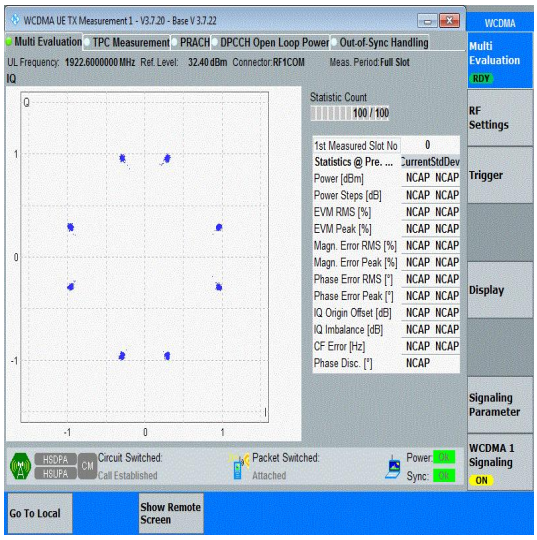
Test Result

Band	Channel	Result	Verdict
Band2	9262	PASS	PASS
Band2	9400	PASS	PASS
Band2	9538	PASS	PASS
Band4	1312	PASS	PASS
Band4	1413	PASS	PASS
Band4	1513	PASS	PASS
Band5	4132	PASS	PASS
Band5	4182	PASS	PASS
Band5	4233	PASS	PASS

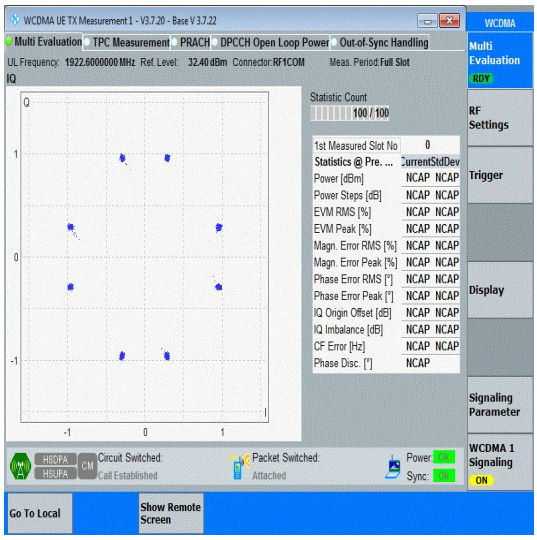
Test Graphs



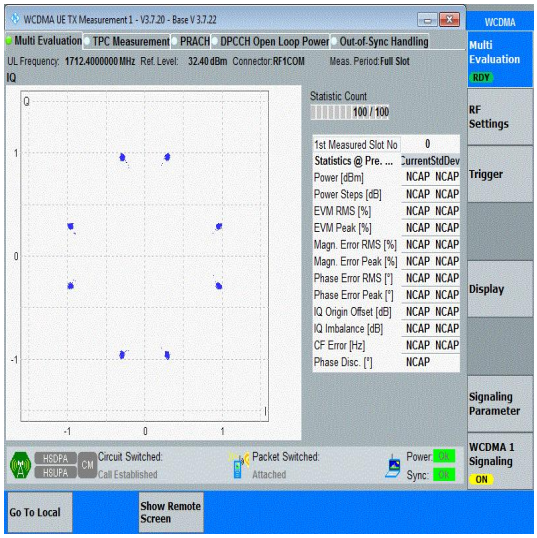
Band2-9262-PASS



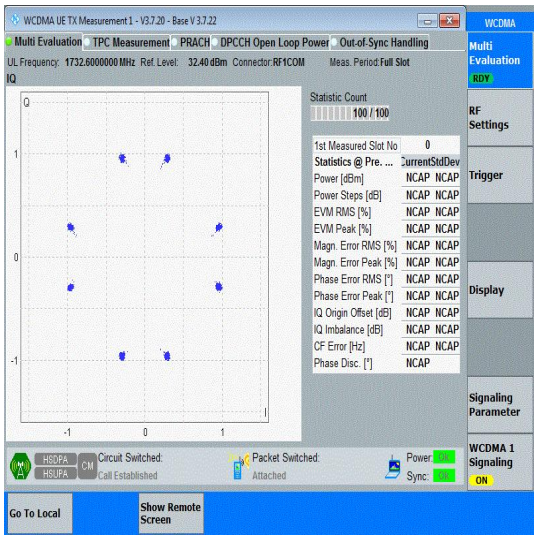
Band2-9400-PASS



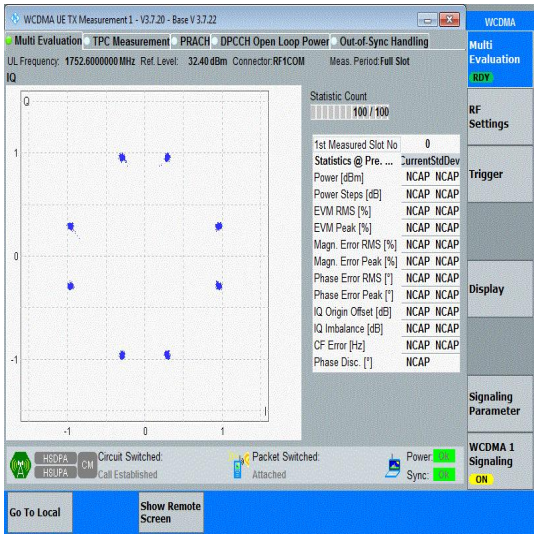
Band2-9538-PASS



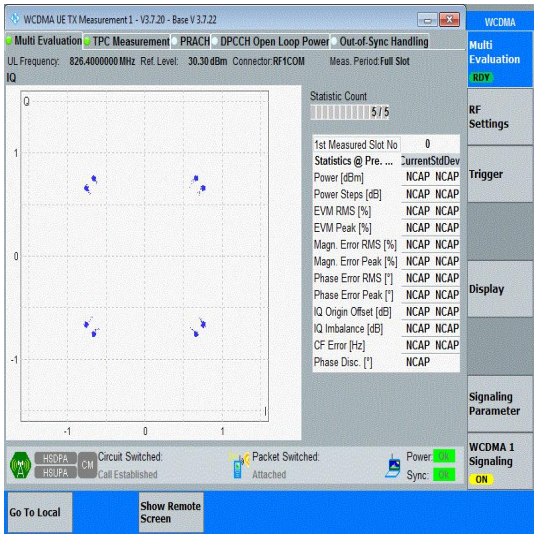
Band4-1312-PASS



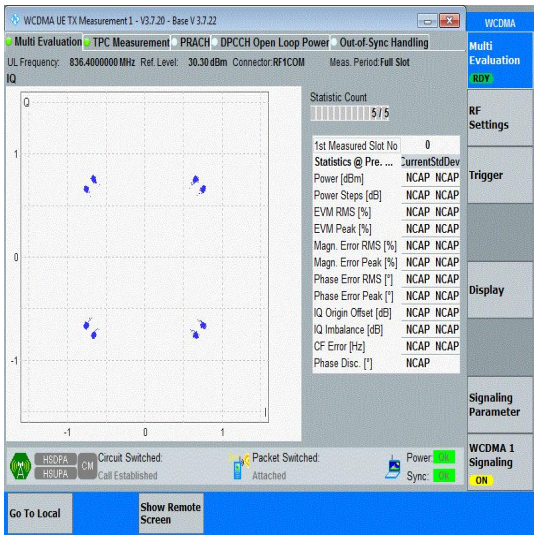
Band4-1413-PASS



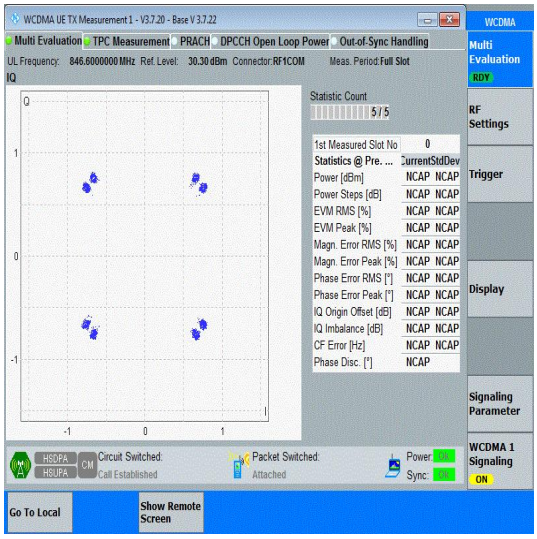
Band4-1513-PASS



Band5-4132-PASS



Band5-4182-PASS



Band5-4233-PASS