APPENDIX G

LTE BAND 25

PEAK-TO-AVERAGE RATIO(CCDF)

TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	3.60	13	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	4.85	13	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	3.35	13	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	4.59	13	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	3.39	13	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	4.75	13	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	5.25	13	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	5.77	13	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	4.97	13	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	5.52	13	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	5.14	13	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	5.69	13	PASS
Band25	3MHz	QPSK	26055	1RB#0	3.34	13	PASS
Band25	3MHz	QPSK	26055	15RB#0	4.74	13	PASS
Band25	3MHz	QPSK	26365	1RB#0	3.20	13	PASS
Band25	3MHz	QPSK	26365	15RB#0	4.42	13	PASS
Band25	3MHz	QPSK	26675	1RB#0	3.14	13	PASS
Band25	3MHz	QPSK	26675	15RB#0	4.62	13	PASS
Band25	3MHz	16QAM	26055	1RB#0	5.24	13	PASS
Band25	3MHz	16QAM	26055	15RB#0	5.72	13	PASS
Band25	3MHz	16QAM	26365	1RB#0	4.86	13	PASS
Band25	3MHz	16QAM	26365	15RB#0	5.35	13	PASS
Band25	3MHz	16QAM	26675	1RB#0	4.90	13	PASS
Band25	3MHz	16QAM	26675	15RB#0	5.57	13	PASS
Band25	5MHz	QPSK	26065	1RB#0	3.31	13	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.81	13	PASS
Band25	5MHz	QPSK	26365	1RB#0	3.13	13	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.46	13	PASS
Band25	5MHz	QPSK	26665	1RB#0	3.16	13	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.64	13	PASS
Band25	5MHz	16QAM	26065	1RB#0	5.03	13	PASS
Band25	5MHz	16QAM	26065	25RB#0	5.61	13	PASS
Band25	5MHz	16QAM	26365	1RB#0	4.80	13	PASS
Band25	5MHz	16QAM	26365	25RB#0	5.30	13	PASS
Band25	5MHz	16QAM	26665	1RB#0	4.78	13	PASS
Band25	5MHz	16QAM	26665	25RB#0	5.45	13	PASS
Band25	10MHz	QPSK	26090	1RB#0	3.28	13	PASS

Band25	10MHz	QPSK	26090	50RB#0	4.96	13	PASS
Band25	10MHz	QPSK	26365	1RB#0	3.07	13	PASS
Band25	10MHz	QPSK	26365	50RB#0	4.49	13	PASS
Band25	10MHz	QPSK	26640	1RB#0	3.39	13	PASS
Band25	10MHz	QPSK	26640	50RB#0	4.75	13	PASS
Band25	10MHz	16QAM	26090	1RB#0	5.11	13	PASS
Band25	10MHz	16QAM	26090	50RB#0	5.79	13	PASS
Band25	10MHz	16QAM	26365	1RB#0	4.69	13	PASS
Band25	10MHz	16QAM	26365	50RB#0	5.35	13	PASS
Band25	10MHz	16QAM	26640	1RB#0	5.13	13	PASS
Band25	10MHz	16QAM	26640	50RB#0	5.51	13	PASS
Band25	15MHz	QPSK	26115	1RB#0	3.27	13	PASS
Band25	15MHz	QPSK	26115	75RB#0	5.06	13	PASS
Band25	15MHz	QPSK	26365	1RB#0	3.07	13	PASS
Band25	15MHz	QPSK	26365	75RB#0	4.80	13	PASS
Band25	15MHz	QPSK	26615	1RB#0	3.37	13	PASS
Band25	15MHz	QPSK	26615	75RB#0	5.02	13	PASS
Band25	15MHz	16QAM	26115	1RB#0	4.99	13	PASS
Band25	15MHz	16QAM	26115	75RB#0	5.85	13	PASS
Band25	15MHz	16QAM	26365	1RB#0	4.68	13	PASS
Band25	15MHz	16QAM	26365	75RB#0	5.59	13	PASS
Band25	15MHz	16QAM	26615	1RB#0	5.18	13	PASS
Band25	15MHz	16QAM	26615	75RB#0	5.78	13	PASS
Band25	20MHz	QPSK	26140	1RB#0	3.32	13	PASS
Band25	20MHz	QPSK	26140	100RB#0	4.98	13	PASS
Band25	20MHz	QPSK	26365	1RB#0	3.18	13	PASS
Band25	20MHz	QPSK	26365	100RB#0	4.89	13	PASS
Band25	20MHz	QPSK	26590	1RB#0	3.30	13	PASS
Band25	20MHz	QPSK	26590	100RB#0	5.05	13	PASS
Band25	20MHz	16QAM	26140	1RB#0	4.97	13	PASS
Band25	20MHz	16QAM	26140	100RB#0	5.77	13	PASS
Band25	20MHz	16QAM	26365	1RB#0	4.72	13	PASS
Band25	20MHz	16QAM	26365	100RB#0	5.68	13	PASS
Band25	20MHz	16QAM	26590	1RB#0	4.93	13	PASS
Band25	20MHz	16QAM	26590	100RB#0	5.87	13	PASS

TEST GRAPHS

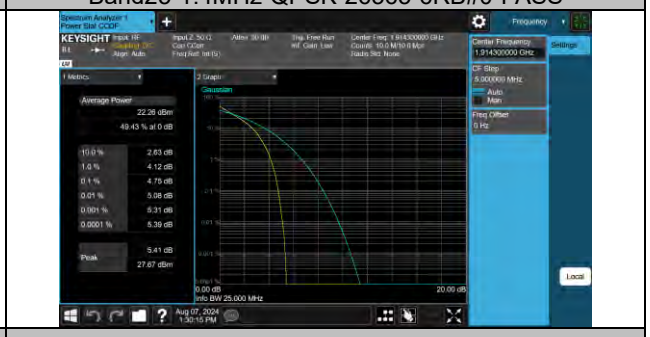
Band25-1.4MHz-QPSK-26047-1RB#0-PASS

Band25-1.4MHz-QPSK-26047-6RB#0-PASS

Band25-1.4MHz-QPSK-26365-1RB#0-PASS

Band25-1.4MHz-QPSK-26365-6RB#0-PASS

Band25-1.4MHz-QPSK-26683-1RB#0-PASS



Band25-1.4MHz-QPSK-26683-6RB#0-PASS

Band25-1.4MHz-16QAM-26047-1RB#0-PASS

Band25-1.4MHz-16QAM-26047-6RB#0-PASS

Band25-1.4MHz-16QAM-26365-1RB#0-PASS

Band25-1.4MHz-16QAM-26365-6RB#0-PASS

Band25-1.4MHz-16QAM-26683-1RB#0-PASS

Band25-1.4MHz-16QAM-26683-6RB#0-PASS

Band25-3MHz-QPSK-26055-1RB#0-PASS

Band25-3MHz-QPSK-26055-15RB#0-PASS

Band25-3MHz-QPSK-26365-1RB#0-PASS

Band25-3MHz-QPSK-26365-15RB#0-PASS

Band25-3MHz-QPSK-26675-1RB#0-PASS

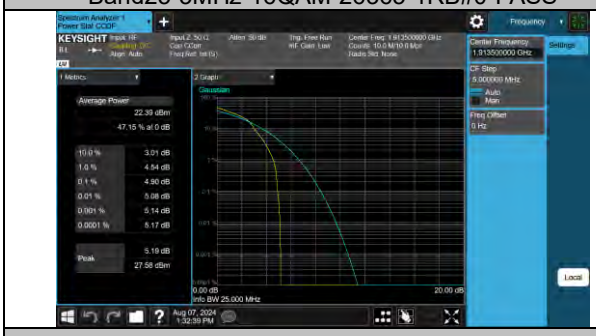
Band25-3MHz-QPSK-26675-15RB#0-PASS

Band25-3MHz-16QAM-26055-1RB#0-PASS

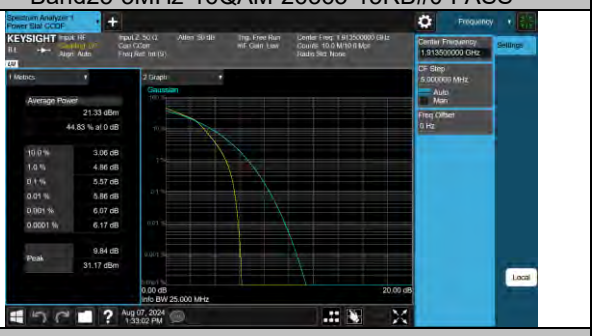
Band25-3MHz-16QAM-26055-15RB#0-PASS

Band25-3MHz-16QAM-26365-1RB#0-PASS

Band25-3MHz-16QAM-26365-15RB#0-PASS



Band25-3MHz-16QAM-26675-1RB#0-PASS



Band25-3MHz-16QAM-26675-15RB#0-PASS

Band25-5MHz-QPSK-26065-1RB#0-PASS

Band25-5MHz-QPSK-26065-25RB#0-PASS

Band25-5MHz-QPSK-26365-1RB#0-PASS

Band25-5MHz-QPSK-26365-25RB#0-PASS

Band25-5MHz-QPSK-26665-1RB#0-PASS

Band25-5MHz-QPSK-26665-25RB#0-PASS

Band25-5MHz-16QAM-26065-1RB#0-PASS

Band25-5MHz-16QAM-26065-25RB#0-PASS

Band25-5MHz-16QAM-26365-1RB#0-PASS

Band25-5MHz-16QAM-26365-25RB#0-PASS

Band25-5MHz-16QAM-26665-1RB#0-PASS

Band25-5MHz-16QAM-26665-25RB#0-PASS

Band25-10MHz-QPSK-26090-1RB#0-PASS

Band25-10MHz-QPSK-26090-50RB#0-PASS

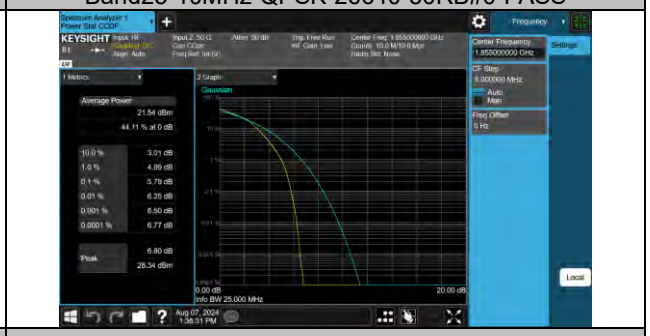
Band25-10MHz-QPSK-26365-1RB#0-PASS

Band25-10MHz-QPSK-26365-50RB#0-PASS

Band25-10MHz-QPSK-26640-1RB#0-PASS

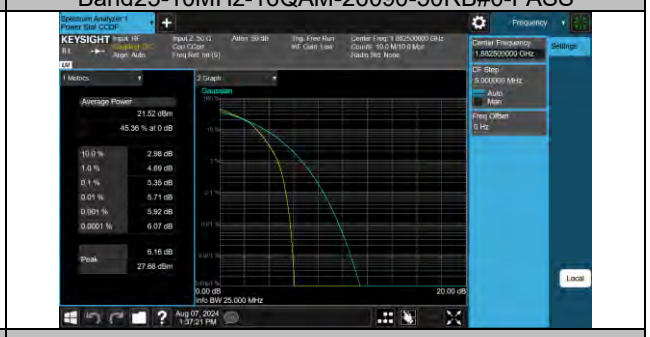
Band25-10MHz-QPSK-26640-50RB#0-PASS

Band25-10MHz-16QAM-26090-1RB#0-PASS



Band25-10MHz-16QAM-26090-50RB#0-PASS

Band25-10MHz-16QAM-26365-1RB#0-PASS



Band25-10MHz-16QAM-26365-50RB#0-PASS

Band25-10MHz-16QAM-26640-1RB#0-PASS

Band25-10MHz-16QAM-26640-50RB#0-PASS

Band25-15MHz-QPSK-26115-1RB#0-PASS

Band25-15MHz-QPSK-26115-75RB#0-PASS

Band25-15MHz-QPSK-26365-1RB#0-PASS

Band25-15MHz-QPSK-26365-75RB#0-PASS

Band25-15MHz-QPSK-26615-1RB#0-PASS

Band25-15MHz-QPSK-26615-75RB#0-PASS

Band25-15MHz-16QAM-26115-1RB#0-PASS

Band25-15MHz-16QAM-26115-75RB#0-PASS

Band25-15MHz-16QAM-26365-1RB#0-PASS

Band25-15MHz-16QAM-26365-75RB#0-PASS

Band25-15MHz-16QAM-26615-1RB#0-PASS

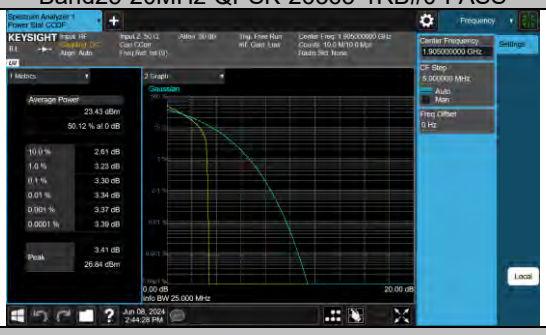
Band25-15MHz-16QAM-26615-75RB#0-PASS

Band25-20MHz-QPSK-26140-1RB#0-PASS

Band25-20MHz-QPSK-26140-100RB#0-PASS

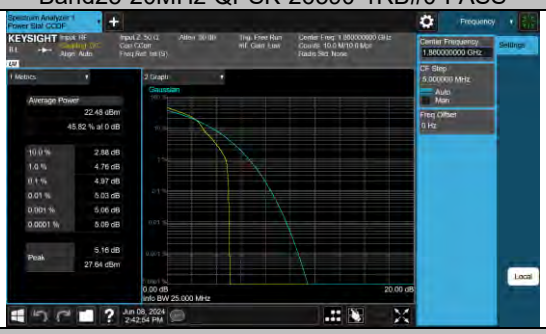
Band25-20MHz-QPSK-26365-1RB#0-PASS

Band25-20MHz-QPSK-26365-100RB#0-PASS



Band25-20MHz-QPSK-26590-1RB#0-PASS

Band25-20MHz-QPSK-26590-100RB#0-PASS



Band25-20MHz-16QAM-26140-1RB#0-PASS

Band25-20MHz-16QAM-26140-100RB#0-PASS

Band25-20MHz-16QAM-26365-1RB#0-PASS

Band25-20MHz-16QAM-26365-100RB#0-PASS

Band25-20MHz-16QAM-26590-1RB#0-PASS

Band25-20MHz-16QAM-26590-100RB#0-PASS

26DB BANDWIDTH AND OCCUPIED BANDWIDTH
TEST RESULT

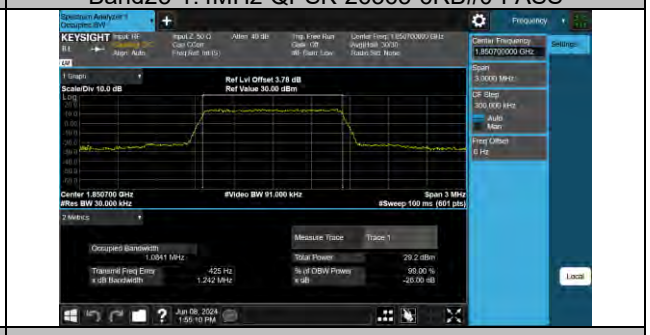
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	1.0894	1.243	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.0968	1.237	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.0887	1.240	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.0841	1.242	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.0950	1.241	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.0948	1.238	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.6976	2.994	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.6941	2.980	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.6945	2.974	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.6924	3.005	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.7003	3.003	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.6998	2.995	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.5234	5.057	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.5200	5.018	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.5198	5.025	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.5101	5.016	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.5135	5.002	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.5103	4.972	PASS
Band25	10MHz	QPSK	26090	50RB#0	9.0113	9.844	PASS
Band25	10MHz	QPSK	26365	50RB#0	8.9880	9.864	PASS
Band25	10MHz	QPSK	26640	50RB#0	9.0062	9.887	PASS
Band25	10MHz	16QAM	26090	50RB#0	8.9777	9.829	PASS
Band25	10MHz	16QAM	26365	50RB#0	8.9861	9.873	PASS
Band25	10MHz	16QAM	26640	50RB#0	8.9906	9.811	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.495	14.77	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.487	14.77	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.495	14.78	PASS
Band25	15MHz	16QAM	26115	75RB#0	13.486	14.72	PASS
Band25	15MHz	16QAM	26365	75RB#0	13.491	14.68	PASS
Band25	15MHz	16QAM	26615	75RB#0	13.491	14.71	PASS
Band25	20MHz	QPSK	26140	100RB#0	17.989	19.67	PASS
Band25	20MHz	QPSK	26365	100RB#0	17.996	19.64	PASS
Band25	20MHz	QPSK	26590	100RB#0	17.992	19.59	PASS
Band25	20MHz	16QAM	26140	100RB#0	17.950	19.55	PASS
Band25	20MHz	16QAM	26365	100RB#0	17.972	19.49	PASS
Band25	20MHz	16QAM	26590	100RB#0	17.933	19.50	PASS

TEST GRAPHS

Band25-1.4MHz-QPSK-26047-6RB#0-PASS

Band25-1.4MHz-QPSK-26365-6RB#0-PASS

Band25-1.4MHz-QPSK-26683-6RB#0-PASS



Band25-1.4MHz-16QAM-26047-6RB#0-PASS

Band25-1.4MHz-16QAM-26365-6RB#0-PASS

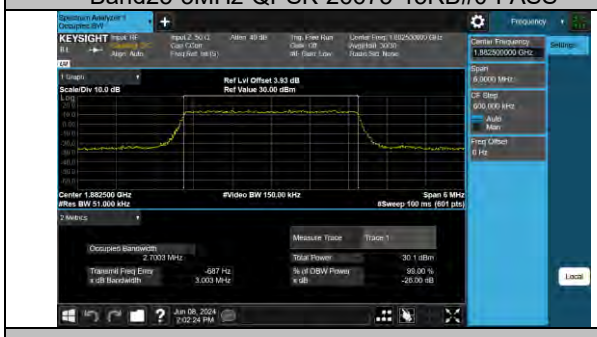
Band25-1.4MHz-16QAM-26683-6RB#0-PASS

Band25-3MHz-QPSK-26055-15RB#0-PASS

Band25-3MHz-QPSK-26365-15RB#0-PASS

Band25-3MHz-QPSK-26675-15RB#0-PASS

Band25-3MHz-16QAM-26055-15RB#0-PASS



Band25-3MHz-16QAM-26365-15RB#0-PASS

Band25-3MHz-16QAM-26675-15RB#0-PASS

Band25-5MHz-QPSK-26065-25RB#0-PASS

Band25-5MHz-QPSK-26365-25RB#0-PASS

Band25-5MHz-QPSK-26665-25RB#0-PASS

Band25-5MHz-16QAM-26065-25RB#0-PASS

Band25-5MHz-16QAM-26365-25RB#0-PASS

Band25-5MHz-16QAM-26665-25RB#0-PASS

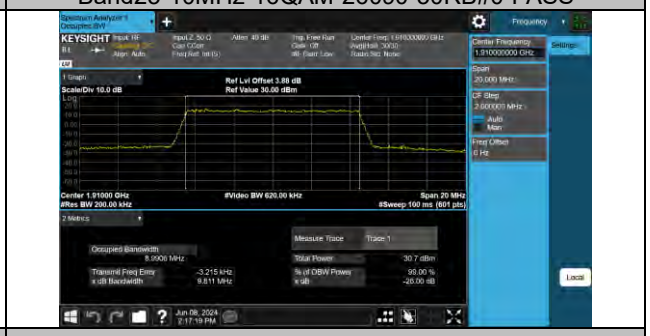
Band25-10MHz-QPSK-26090-50RB#0-PASS

Band25-10MHz-QPSK-26365-50RB#0-PASS

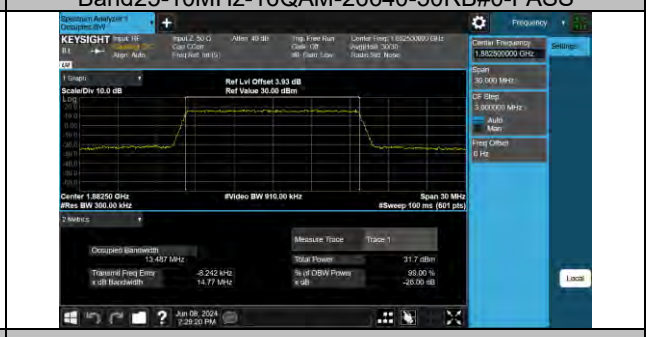
Band25-10MHz-QPSK-26640-50RB#0-PASS

Band25-10MHz-16QAM-26090-50RB#0-PASS

Band25-10MHz-16QAM-26365-50RB#0-PASS


Band25-10MHz-16QAM-26640-50RB#0-PASS

Band25-15MHz-QPSK-26115-75RB#0-PASS


Band25-15MHz-QPSK-26365-75RB#0-PASS

Band25-15MHz-QPSK-26615-75RB#0-PASS

Band25-15MHz-16QAM-26115-75RB#0-PASS

Band25-15MHz-16QAM-26365-75RB#0-PASS

Band25-15MHz-16QAM-26615-75RB#0-PASS

Band25-20MHz-QPSK-26140-100RB#0-PASS

Band25-20MHz-QPSK-26365-100RB#0-PASS

Band25-20MHz-QPSK-26590-100RB#0-PASS

Band25-20MHz-16QAM-26140-100RB#0-PASS

Band25-20MHz-16QAM-26365-100RB#0-PASS

Band25-20MHz-16QAM-26590-100RB#0-PASS

BAND EDGE
TEST RESULT

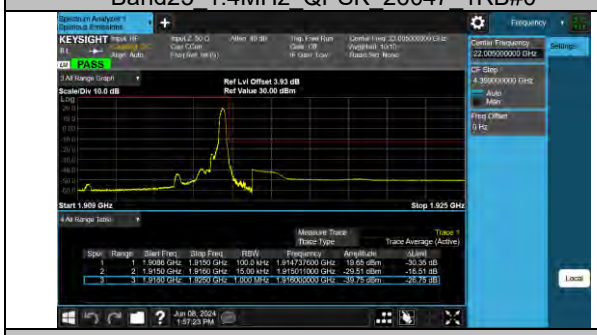
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	-28.29	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	-25.71	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	-29.51	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	-26.33	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	-29.85	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	-27.47	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	-29.16	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	-28.08	PASS
Band25	3MHz	QPSK	26055	1RB#0	-21.76	PASS
Band25	3MHz	QPSK	26055	15RB#0	-26.53	PASS
Band25	3MHz	QPSK	26675	1RB#14	-21.58	PASS
Band25	3MHz	QPSK	26675	15RB#0	-26.52	PASS
Band25	3MHz	16QAM	26055	1RB#0	-24.48	PASS
Band25	3MHz	16QAM	26055	15RB#0	-24.65	PASS
Band25	3MHz	16QAM	26675	1RB#14	-24.70	PASS
Band25	3MHz	16QAM	26675	15RB#0	-25.77	PASS
Band25	5MHz	QPSK	26065	1RB#0	-28.82	PASS
Band25	5MHz	QPSK	26065	25RB#0	-28.21	PASS
Band25	5MHz	QPSK	26665	1RB#24	-28.16	PASS
Band25	5MHz	QPSK	26665	25RB#0	-27.81	PASS
Band25	5MHz	16QAM	26065	1RB#0	-30.03	PASS
Band25	5MHz	16QAM	26065	25RB#0	-26.08	PASS
Band25	5MHz	16QAM	26665	1RB#24	-29.76	PASS
Band25	5MHz	16QAM	26665	25RB#0	-27.14	PASS
Band25	10MHz	QPSK	26090	1RB#0	-41.04	PASS
Band25	10MHz	QPSK	26090	50RB#0	-30.42	PASS
Band25	10MHz	QPSK	26640	1RB#49	-40.90	PASS
Band25	10MHz	QPSK	26640	50RB#0	-30.42	PASS
Band25	10MHz	16QAM	26090	1RB#0	-42.76	PASS
Band25	10MHz	16QAM	26090	50RB#0	-28.87	PASS
Band25	10MHz	16QAM	26640	1RB#49	-43.05	PASS
Band25	10MHz	16QAM	26640	50RB#0	-29.23	PASS
Band25	15MHz	QPSK	26115	1RB#0	-41.35	PASS
Band25	15MHz	QPSK	26115	75RB#0	-29.92	PASS
Band25	15MHz	QPSK	26615	1RB#74	-41.35	PASS
Band25	15MHz	QPSK	26615	75RB#0	-30.54	PASS
Band25	15MHz	16QAM	26115	1RB#0	-43.11	PASS
Band25	15MHz	16QAM	26115	75RB#0	-29.27	PASS
Band25	15MHz	16QAM	26615	1RB#74	-42.66	PASS
Band25	15MHz	16QAM	26615	75RB#0	-29.65	PASS
Band25	20MHz	QPSK	26140	1RB#0	-41.83	PASS
Band25	20MHz	QPSK	26140	100RB#0	-32.47	PASS
Band25	20MHz	QPSK	26590	1RB#99	-42.48	PASS
Band25	20MHz	QPSK	26590	100RB#0	-32.24	PASS

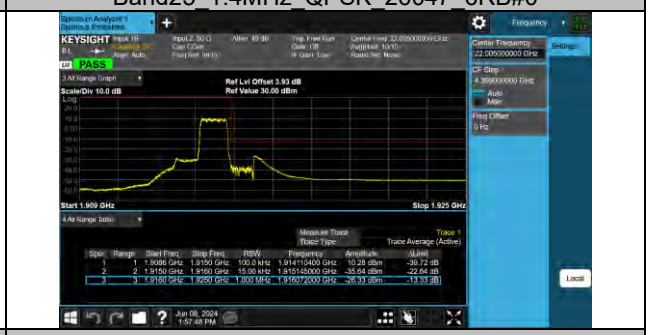
Band25	20MHz	16QAM	26140	1RB#0	-43.13	PASS
Band25	20MHz	16QAM	26140	100RB#0	-30.78	PASS
Band25	20MHz	16QAM	26590	1RB#99	-43.32	PASS
Band25	20MHz	16QAM	26590	100RB#0	-30.95	PASS

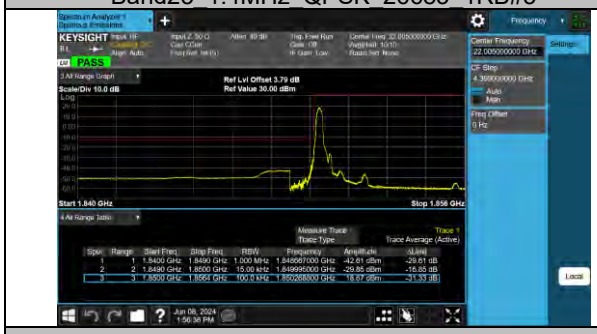
TEST GRAPHS

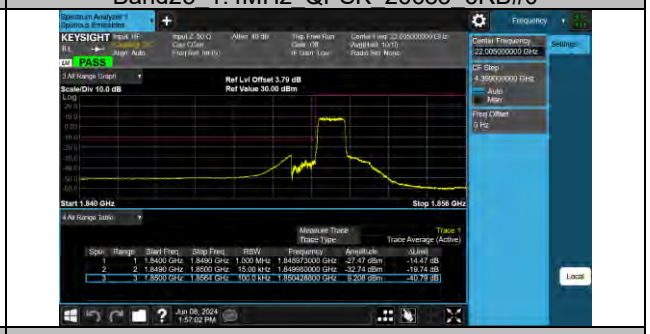
Band25_1.4MHz_QPSK_26047_1RB#0

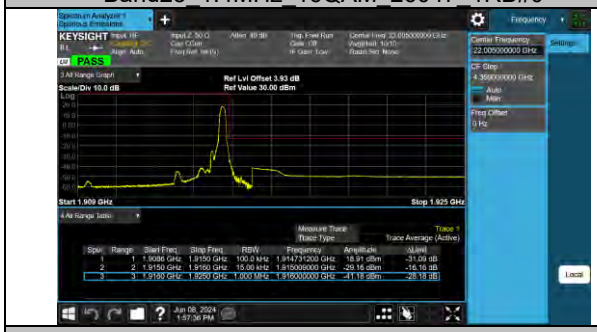
Band25_1.4MHz_QPSK_26047_6RB#0

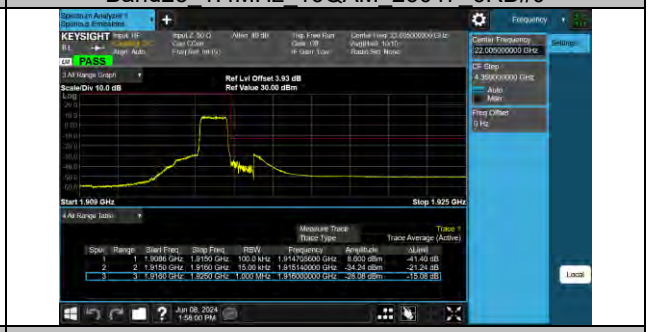

Band25_1.4MHz_QPSK_26683_1RB#5


Band25_1.4MHz_QPSK_26683_6RB#0


Band25_1.4MHz_16QAM_26047_1RB#0

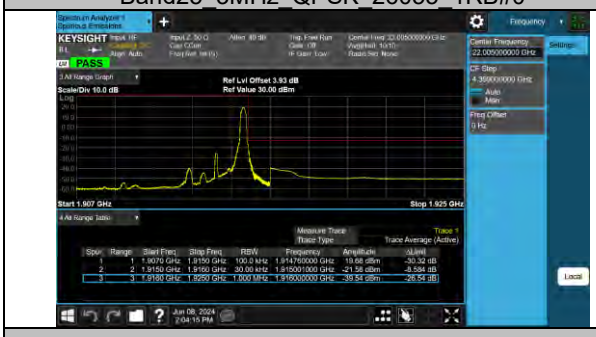

Band25_1.4MHz_16QAM_26047_6RB#0


Band25_1.4MHz_16QAM_26683_1RB#5


Band25_1.4MHz_16QAM_26683_6RB#0

Band25_3MHz_QPSK_26055_1RB#0

Band25_3MHz_QPSK_26055_15RB#0

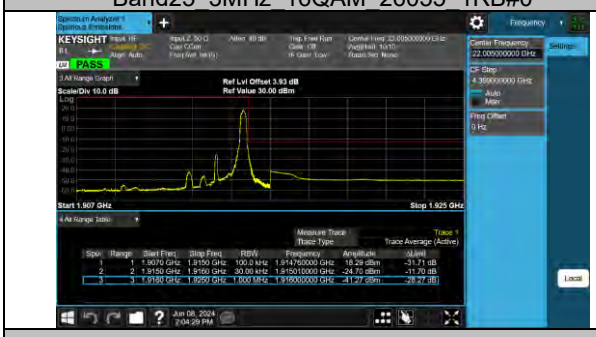


Band25_3MHz_QPSK_26675_1RB#14

Band25_3MHz_QPSK_26675_15RB#0

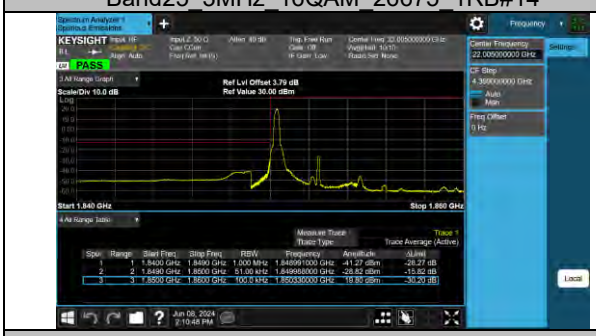
Band25_3MHz_16QAM_26055_1RB#0

Band25_3MHz_16QAM_26055_15RB#0



Band25_3MHz_16QAM_26675_1RB#14

Band25_3MHz_16QAM_26675_15RB#0



Band25_5MHz_QPSK_26065_1RB#0

Band25_5MHz_QPSK_26065_25RB#0

Band25_5MHz_QPSK_26665_1RB#24

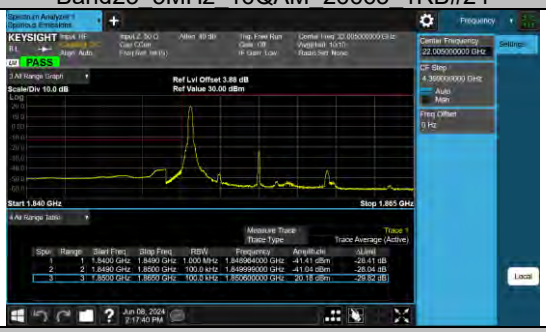
Band25_5MHz_QPSK_26665_25RB#0

Band25_5MHz_16QAM_26065_1RB#0

Band25_5MHz_16QAM_26065_25RB#0

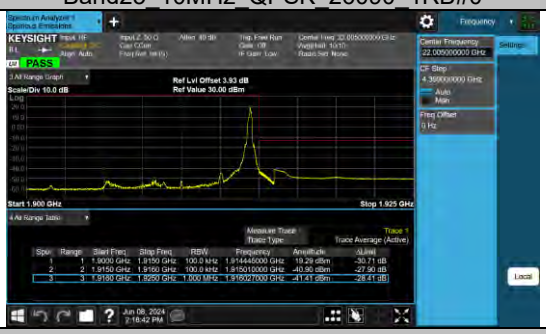
Band25_5MHz_16QAM_26665_1RB#24

Band25_5MHz_16QAM_26665_25RB#0



Band25_10MHz_QPSK_26090_1RB#0

Band25_10MHz_QPSK_26090_50RB#0



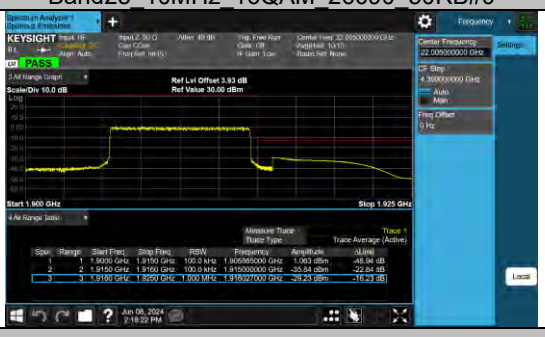
Band25_10MHz_QPSK_26640_1RB#49

Band25_10MHz_QPSK_26640_50RB#0

Band25_10MHz_16QAM_26090_1RB#0

Band25_10MHz_16QAM_26090_50RB#0

Band25_10MHz_16QAM_26640_1RB#49



Band25_10MHz_16QAM_26640_50RB#0

Band25_15MHz_QPSK_26115_1RB#0

Band25_15MHz_QPSK_26115_75RB#0

Band25_15MHz_QPSK_26615_1RB#74

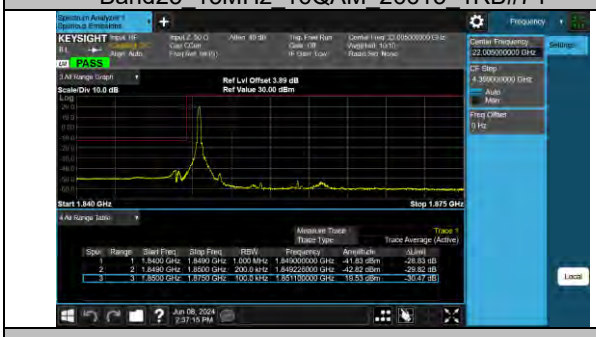
Band25_15MHz_QPSK_26615_75RB#0

Band25_15MHz_16QAM_26115_1RB#0

Band25_15MHz_16QAM_26115_75RB#0

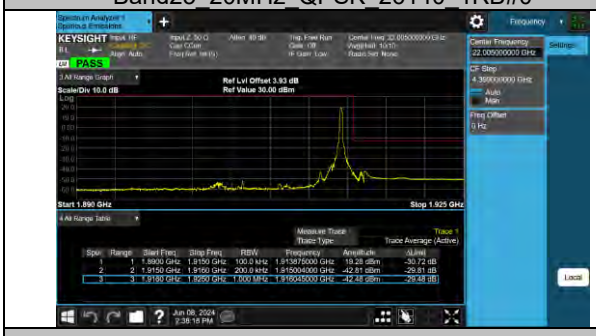
Band25_15MHz_16QAM_26615_1RB#74

Band25_15MHz_16QAM_26615_75RB#0



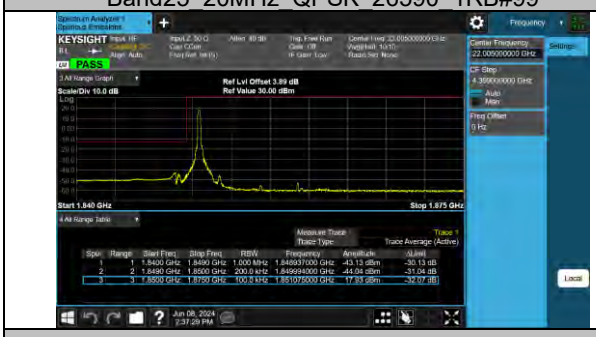
Band25_20MHz_QPSK_26140_1RB#0

Band25_20MHz_QPSK_26140_100RB#0

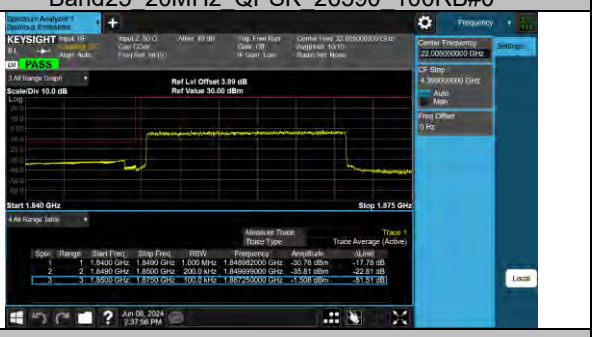


Band25_20MHz_QPSK_26590_1RB#99

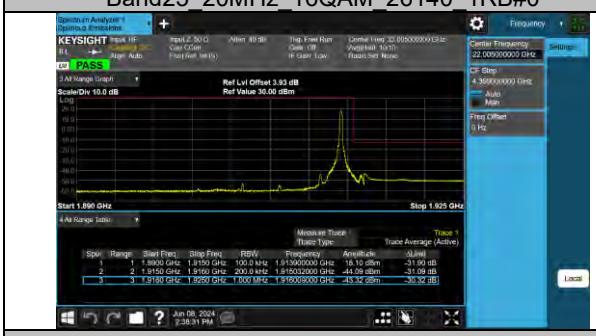
Band25_20MHz_QPSK_26590_100RB#0



Band25_20MHz_16QAM_26140_1RB#0



Band25_20MHz_16QAM_26140_100RB#0



Band25_20MHz_16QAM_26590_1RB#99

Band25_20MHz_16QAM_26590_100RB#0

CONDUCTED SPURIOUS EMISSION
TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	30~1000	-58.13	PASS
Band25	1.4MHz	QPSK	26047	1RB#0	1000~10000	-38.24	PASS
Band25	1.4MHz	QPSK	26047	1RB#0	10000~20000	-35.84	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	30~1000	-58.08	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	1000~10000	-38.32	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	10000~20000	-35.83	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	30~1000	-58.07	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	1000~10000	-38.30	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	10000~20000	-35.84	PASS
Band25	3MHz	QPSK	26055	1RB#0	30~1000	-58.04	PASS
Band25	3MHz	QPSK	26055	1RB#0	1000~10000	-38.40	PASS
Band25	3MHz	QPSK	26055	1RB#0	10000~20000	-35.76	PASS
Band25	3MHz	QPSK	26365	1RB#0	30~1000	-58.06	PASS
Band25	3MHz	QPSK	26365	1RB#0	1000~10000	-38.27	PASS
Band25	3MHz	QPSK	26365	1RB#0	10000~20000	-35.73	PASS
Band25	3MHz	QPSK	26675	1RB#0	30~1000	-58.06	PASS
Band25	3MHz	QPSK	26675	1RB#0	1000~10000	-38.28	PASS
Band25	3MHz	QPSK	26675	1RB#0	10000~20000	-35.75	PASS
Band25	5MHz	QPSK	26065	1RB#0	30~1000	-58.12	PASS
Band25	5MHz	QPSK	26065	1RB#0	1000~10000	-38.33	PASS
Band25	5MHz	QPSK	26065	1RB#0	10000~20000	-35.81	PASS
Band25	5MHz	QPSK	26365	1RB#0	30~1000	-58.11	PASS
Band25	5MHz	QPSK	26365	1RB#0	1000~10000	-38.27	PASS
Band25	5MHz	QPSK	26365	1RB#0	10000~20000	-35.78	PASS
Band25	5MHz	QPSK	26665	1RB#0	30~1000	-58.08	PASS
Band25	5MHz	QPSK	26665	1RB#0	1000~10000	-38.24	PASS
Band25	5MHz	QPSK	26665	1RB#0	10000~20000	-35.63	PASS
Band25	10MHz	QPSK	26090	1RB#0	30~1000	-58.07	PASS
Band25	10MHz	QPSK	26090	1RB#0	1000~10000	-38.23	PASS
Band25	10MHz	QPSK	26090	1RB#0	10000~20000	-35.78	PASS
Band25	10MHz	QPSK	26365	1RB#0	30~1000	-57.99	PASS
Band25	10MHz	QPSK	26365	1RB#0	1000~10000	-38.31	PASS
Band25	10MHz	QPSK	26365	1RB#0	10000~20000	-35.79	PASS
Band25	10MHz	QPSK	26640	1RB#0	30~1000	-58.07	PASS
Band25	10MHz	QPSK	26640	1RB#0	1000~10000	-38.20	PASS
Band25	10MHz	QPSK	26640	1RB#0	10000~20000	-35.76	PASS
Band25	15MHz	QPSK	26115	1RB#0	30~1000	-58.09	PASS
Band25	15MHz	QPSK	26115	1RB#0	1000~10000	-38.16	PASS
Band25	15MHz	QPSK	26115	1RB#0	10000~20000	-35.77	PASS
Band25	15MHz	QPSK	26365	1RB#0	30~1000	-58.00	PASS
Band25	15MHz	QPSK	26365	1RB#0	1000~10000	-38.23	PASS
Band25	15MHz	QPSK	26365	1RB#0	10000~20000	-35.76	PASS
Band25	15MHz	QPSK	26615	1RB#0	30~1000	-57.97	PASS
Band25	15MHz	QPSK	26615	1RB#0	1000~10000	-38.19	PASS
Band25	15MHz	QPSK	26615	1RB#0	10000~20000	-35.76	PASS
Band25	20MHz	QPSK	26140	1RB#0	30~1000	-58.04	PASS

Band25	20MHz	QPSK	26140	1RB#0	1000~10000	-38.19	PASS
Band25	20MHz	QPSK	26140	1RB#0	10000~20000	-35.57	PASS
Band25	20MHz	QPSK	26365	1RB#0	30~1000	-58.04	PASS
Band25	20MHz	QPSK	26365	1RB#0	1000~10000	-38.14	PASS
Band25	20MHz	QPSK	26365	1RB#0	10000~20000	-35.69	PASS
Band25	20MHz	QPSK	26590	1RB#0	30~1000	-58.10	PASS
Band25	20MHz	QPSK	26590	1RB#0	1000~10000	-38.23	PASS
Band25	20MHz	QPSK	26590	1RB#0	10000~20000	-35.76	PASS

TEST GRAPHS

Band25_1.4MHz_QPSK_26047_1RB#0_30~1000_30~1000

Band25_1.4MHz_QPSK_26047_1RB#0_1000~10000_1000~10000

Band25_1.4MHz_QPSK_26047_1RB#0_10000~20000_10000~20000

Band25_1.4MHz_QPSK_26365_1RB#0_30~1000_30~1000

Band25_1.4MHz_QPSK_26365_1RB#0_1000~10000_1000~10000

Band25_1.4MHz_QPSK_26365_1RB#0_10000~20000_10000~20000

Band25_1.4MHz_QPSK_26683_1RB#0_30~1000_30~1000

Band25_1.4MHz_QPSK_26683_1RB#0_1000~10000_1000~10000

Band25_1.4MHz_QPSK_26683_1RB#0_10000~20000_10000~20000

Band25_3MHz_QPSK_26055_1RB#0_30~1000_30~1000

Band25_3MHz_QPSK_26055_1RB#0_1000~10000_1000~10000

Band25_3MHz_QPSK_26055_1RB#0_10000~20000_10000~20000

Band25_3MHz_QPSK_26365_1RB#0_30~1000_30~1000

Band25_3MHz_QPSK_26365_1RB#0_1000~10000_1000~10000

Band25_3MHz_QPSK_26365_1RB#0_10000~20000_10000~20000

Band25_3MHz_QPSK_26675_1RB#0_30~1000_30~1000

Band25_3MHz_QPSK_26675_1RB#0_1000~10000_1000~10000

Band25_3MHz_QPSK_26675_1RB#0_10000~20000_10000~20000

Band25_5MHz_QPSK_26065_1RB#0_30~1000_30~1000

Band25_5MHz_QPSK_26065_1RB#0_1000~10000_1000~10000

Band25_5MHz_QPSK_26065_1RB#0_10000~20000_10000~20000

Band25_5MHz_QPSK_26365_1RB#0_30~1000_30~1000

Band25_5MHz_QPSK_26365_1RB#0_1000~10000_1000~10000

Band25_5MHz_QPSK_26365_1RB#0_10000~20000_10000~20000

Band25_5MHz_QPSK_26665_1RB#0_30~1000_30~1000

Band25_5MHz_QPSK_26665_1RB#0_1000~10000_1000~10000

Band25_5MHz_QPSK_26665_1RB#0_10000~20000_10000~20000

Band25_10MHz_QPSK_26090_1RB#0_30~1000_30~1000

Band25_10MHz_QPSK_26090_1RB#0_1000~10000_1000~10000

Band25_10MHz_QPSK_26090_1RB#0_10000~20000_10000~20000

Band25_10MHz_QPSK_26365_1RB#0_30~1000_30~1000

Band25_10MHz_QPSK_26365_1RB#0_1000~10000_1000~10000

Band25_10MHz_QPSK_26365_1RB#0_10000~20000_10000~20000

Band25_10MHz_QPSK_26640_1RB#0_30~1000_30~1000

Band25_10MHz_QPSK_26640_1RB#0_1000~10000_1000~10000

Band25_10MHz_QPSK_26640_1RB#0_10000~20000_10000~20000

Band25_15MHz_QPSK_26115_1RB#0_30~1000_30~1000

Band25_15MHz_QPSK_26115_1RB#0_1000~10000_1000~10000

Band25_15MHz_QPSK_26115_1RB#0_10000~20000_10000~20000

Band25_15MHz_QPSK_26365_1RB#0_30~1000_30~1000

Band25_15MHz_QPSK_26365_1RB#0_1000~10000_1000~10000

Band25_15MHz_QPSK_26365_1RB#0_10000~20000_10000~20000

Band25_15MHz_QPSK_26615_1RB#0_30~1000_30~1000

Band25_15MHz_QPSK_26615_1RB#0_1000~10000_1000~10000

Band25_15MHz_QPSK_26615_1RB#0_10000~20000_10000~20000

Band25_20MHz_QPSK_26140_1RB#0_30~1000_30~1000

Band25_20MHz_QPSK_26140_1RB#0_1000~10000_1000~10000

Band25_20MHz_QPSK_26140_1RB#0_10000~20000_10000~20000

Band25_20MHz_QPSK_26365_1RB#0_30~1000_30~1000

Band25_20MHz_QPSK_26365_1RB#0_1000~10000_1000~10000

Band25_20MHz_QPSK_26365_1RB#0_10000~20000_10000~20000

Band25_20MHz_QPSK_26590_1RB#0_30~1000_30~1000

Band25_20MHz_QPSK_26590_1RB#0_1000~10000_1000~10000

Band25_20MHz_QPSK_26590_1RB#0_10000~20000_10000~20000

FREQUENCY STABILITY
TEST RESULT

Voltage												
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band25	10MHz	QPSK	26090	50RB #0	VN	NT	-989.76	-0.533563	1850.53271	---	1850-1915	PASS
Band25	10MHz	QPSK	26090	50RB #0	VL	NT	946.11	0.510033	1850.53394	---	1850-1915	PASS
Band25	10MHz	QPSK	26090	50RB #0	VH	NT	-999.77	-0.538958	1850.53326	---	1850-1915	PASS
Band25	10MHz	QPSK	26640	50RB #0	VN	NT	-1910.00	-1.000000	---	1914.46979	1850-1915	PASS
Band25	10MHz	QPSK	26640	50RB #0	VL	NT	170.00	0.089005	---	1914.47542	1850-1915	PASS
Band25	10MHz	QPSK	26640	50RB #0	VH	NT	-3490.00	-1.827225	---	1914.46616	1850-1915	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band25	10MHz	QPSK	26090	50RB #0	NV	-30	-958.32	-0.516614	1850.53598	---	1850-1915	PASS
Band25	10MHz	QPSK	26090	50RB #0	NV	-20	960.10	0.517572	1850.53501	---	1850-1915	PASS
Band25	10MHz	QPSK	26090	50RB #0	NV	-10	-1053.11	-0.567717	1850.533	---	1850-1915	PASS
Band25	10MHz	QPSK	26090	50RB #0	NV	0	-1041.51	-0.561462	1850.52835	---	1850-1915	PASS
Band25	10MHz	QPSK	26090	50RB #0	NV	10	1054.46	0.568444	1850.53213	---	1850-1915	PASS
Band25	10MHz	QPSK	26090	50RB #0	NV	20	-1209.71	-0.652135	1850.53342	---	1850-1915	PASS
Band25	10MHz	QPSK	26090	50RB #0	NV	30	1204.04	0.649079	1850.53853	---	1850-1915	PASS
Band25	10MHz	QPSK	26090	50RB #0	NV	40	1094.95	0.590268	1850.5326	---	1850-1915	PASS
Band25	10MHz	QPSK	26090	50RB #0	NV	50	-1195.27	-0.644350	1850.5346	---	1850-1915	PASS
Band25	10MHz	QPSK	26640	50RB #0	NV	-30	-3460.00	-1.811518	---	1914.46839	1850-1915	PASS
Band25	10MHz	QPSK	26640	50RB #0	NV	-20	918.92	0.482373	---	1914.46552	1850-1915	PASS
Band25	10MHz	QPSK	26640	50RB #0	NV	-10	-1022.22	-0.536600	---	1914.46239	1850-1915	PASS
Band2	10MH	QPSK	26640	50RB	NV	0	-210.0	-0.109	---	1914.	1850-	PASS

5	z			#0			0	948		47469	1915	
Band25	10MHz	QPSK	26640	50RB #0	NV	10	-2470.00	-1.293194	---	1914.46598	1850-1915	PASS
Band25	10MHz	QPSK	26640	50RB #0	NV	20	-471.89	-0.247713	---	1914.46517	1850-1915	FAIL
Band25	10MHz	QPSK	26640	50RB #0	NV	30	1290.00	0.675393	---	1914.47504	1850-1915	PASS
Band25	10MHz	QPSK	26640	50RB #0	NV	40	-1010.00	-0.528796	---	1914.47319	1850-1915	PASS
Band25	10MHz	QPSK	26640	50RB #0	NV	50	-1630.00	-0.853403	---	1914.46947	1850-1915	PASS

--END--