

# Appendix-C LTE Band 25

## Effective (Isotropic) Radiated Power Output Data

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	23.17	24.17	33.01	PASS
Band25	1.4MHz	QPSK	26047	1RB#2	23.32	24.32	33.01	PASS
Band25	1.4MHz	QPSK	26047	1RB#5	23.08	24.08	33.01	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	22.27	23.27	33.01	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	23.71	24.71	33.01	PASS
Band25	1.4MHz	QPSK	26365	1RB#2	23.76	24.76	33.01	PASS
Band25	1.4MHz	QPSK	26365	1RB#5	23.60	24.6	33.01	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	22.75	23.75	33.01	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	23.49	24.49	33.01	PASS
Band25	1.4MHz	QPSK	26683	1RB#2	23.56	24.56	33.01	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	23.69	24.69	33.01	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	22.71	23.71	33.01	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	22.19	23.19	33.01	PASS
Band25	1.4MHz	16QAM	26047	1RB#2	22.74	23.74	33.01	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	22.45	23.45	33.01	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	21.65	22.65	33.01	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	22.90	23.9	33.01	PASS
Band25	1.4MHz	16QAM	26365	1RB#2	22.92	23.92	33.01	PASS
Band25	1.4MHz	16QAM	26365	1RB#5	22.63	23.63	33.01	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	21.66	22.66	33.01	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	22.62	23.62	33.01	PASS
Band25	1.4MHz	16QAM	26683	1RB#2	22.57	23.57	33.01	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	22.83	23.83	33.01	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	21.53	22.53	33.01	PASS
Band25	3MHz	QPSK	26055	1RB#0	23.10	24.1	33.01	PASS
Band25	3MHz	QPSK	26055	1RB#8	23.27	24.27	33.01	PASS
Band25	3MHz	QPSK	26055	1RB#14	23.13	24.13	33.01	PASS
Band25	3MHz	QPSK	26055	15RB#0	22.36	23.36	33.01	PASS
Band25	3MHz	QPSK	26365	1RB#0	23.68	24.68	33.01	PASS
Band25	3MHz	QPSK	26365	1RB#8	23.48	24.48	33.01	PASS
Band25	3MHz	QPSK	26365	1RB#14	23.60	24.6	33.01	PASS
Band25	3MHz	QPSK	26365	15RB#0	22.75	23.75	33.01	PASS
Band25	3MHz	QPSK	26675	1RB#0	23.72	24.72	33.01	PASS
Band25	3MHz	QPSK	26675	1RB#8	24.08	25.08	33.01	PASS
Band25	3MHz	QPSK	26675	1RB#14	24.03	25.03	33.01	PASS
Band25	3MHz	QPSK	26675	15RB#0	22.82	23.82	33.01	PASS
Band25	3MHz	16QAM	26055	1RB#0	22.57	23.57	33.01	PASS

Band25	3MHz	16QAM	26055	1RB#8	22.07	23.07	33.01	PASS
Band25	3MHz	16QAM	26055	1RB#14	22.17	23.17	33.01	PASS
Band25	3MHz	16QAM	26055	15RB#0	21.41	22.41	33.01	PASS
Band25	3MHz	16QAM	26365	1RB#0	22.63	23.63	33.01	PASS
Band25	3MHz	16QAM	26365	1RB#8	22.67	23.67	33.01	PASS
Band25	3MHz	16QAM	26365	1RB#14	22.65	23.65	33.01	PASS
Band25	3MHz	16QAM	26365	15RB#0	21.69	22.69	33.01	PASS
Band25	3MHz	16QAM	26675	1RB#0	22.80	23.8	33.01	PASS
Band25	3MHz	16QAM	26675	1RB#8	22.69	23.69	33.01	PASS
Band25	3MHz	16QAM	26675	1RB#14	22.93	23.93	33.01	PASS
Band25	3MHz	16QAM	26675	15RB#0	21.79	22.79	33.01	PASS
Band25	5MHz	QPSK	26065	1RB#0	23.45	24.45	33.01	PASS
Band25	5MHz	QPSK	26065	1RB#12	23.35	24.35	33.01	PASS
Band25	5MHz	QPSK	26065	1RB#24	23.52	24.52	33.01	PASS
Band25	5MHz	QPSK	26065	25RB#0	22.49	23.49	33.01	PASS
Band25	5MHz	QPSK	26365	1RB#0	23.94	24.94	33.01	PASS
Band25	5MHz	QPSK	26365	1RB#12	23.87	24.87	33.01	PASS
Band25	5MHz	QPSK	26365	1RB#24	23.42	24.42	33.01	PASS
Band25	5MHz	QPSK	26365	25RB#0	22.69	23.69	33.01	PASS
Band25	5MHz	QPSK	26665	1RB#0	23.86	24.86	33.01	PASS
Band25	5MHz	QPSK	26665	1RB#12	23.88	24.88	33.01	PASS
Band25	5MHz	QPSK	26665	1RB#24	23.97	24.97	33.01	PASS
Band25	5MHz	QPSK	26665	25RB#0	22.76	23.76	33.01	PASS
Band25	5MHz	16QAM	26065	1RB#0	22.24	23.24	33.01	PASS
Band25	5MHz	16QAM	26065	1RB#12	22.32	23.32	33.01	PASS
Band25	5MHz	16QAM	26065	1RB#24	22.27	23.27	33.01	PASS
Band25	5MHz	16QAM	26065	25RB#0	21.36	22.36	33.01	PASS
Band25	5MHz	16QAM	26365	1RB#0	22.80	23.8	33.01	PASS
Band25	5MHz	16QAM	26365	1RB#12	22.65	23.65	33.01	PASS
Band25	5MHz	16QAM	26365	1RB#24	22.48	23.48	33.01	PASS
Band25	5MHz	16QAM	26365	25RB#0	21.72	22.72	33.01	PASS
Band25	5MHz	16QAM	26665	1RB#0	22.84	23.84	33.01	PASS
Band25	5MHz	16QAM	26665	1RB#12	22.86	23.86	33.01	PASS
Band25	5MHz	16QAM	26665	1RB#24	22.81	23.81	33.01	PASS
Band25	5MHz	16QAM	26665	25RB#0	21.78	22.78	33.01	PASS
Band25	10MHz	QPSK	26090	1RB#0	23.16	24.16	33.01	PASS
Band25	10MHz	QPSK	26090	1RB#24	23.36	24.36	33.01	PASS
Band25	10MHz	QPSK	26090	1RB#49	23.37	24.37	33.01	PASS
Band25	10MHz	QPSK	26090	50RB#0	22.55	23.55	33.01	PASS
Band25	10MHz	QPSK	26365	1RB#0	23.91	24.91	33.01	PASS
Band25	10MHz	QPSK	26365	1RB#24	23.84	24.84	33.01	PASS
Band25	10MHz	QPSK	26365	1RB#49	23.62	24.62	33.01	PASS
Band25	10MHz	QPSK	26365	50RB#0	22.94	23.94	33.01	PASS
Band25	10MHz	QPSK	26640	1RB#0	23.41	24.41	33.01	PASS
Band25	10MHz	QPSK	26640	1RB#24	24.11	25.11	33.01	PASS

Band25	10MHz	QPSK	26640	1RB#49	23.78	24.78	33.01	PASS
Band25	10MHz	QPSK	26640	50RB#0	22.90	23.9	33.01	PASS
Band25	10MHz	16QAM	26090	1RB#0	22.09	23.09	33.01	PASS
Band25	10MHz	16QAM	26090	1RB#24	22.76	23.76	33.01	PASS
Band25	10MHz	16QAM	26090	1RB#49	22.44	23.44	33.01	PASS
Band25	10MHz	16QAM	26090	50RB#0	21.65	22.65	33.01	PASS
Band25	10MHz	16QAM	26365	1RB#0	23.15	24.15	33.01	PASS
Band25	10MHz	16QAM	26365	1RB#24	23.14	24.14	33.01	PASS
Band25	10MHz	16QAM	26365	1RB#49	22.67	23.67	33.01	PASS
Band25	10MHz	16QAM	26365	50RB#0	21.80	22.8	33.01	PASS
Band25	10MHz	16QAM	26640	1RB#0	22.20	23.2	33.01	PASS
Band25	10MHz	16QAM	26640	1RB#24	23.09	24.09	33.01	PASS
Band25	10MHz	16QAM	26640	1RB#49	22.82	23.82	33.01	PASS
Band25	10MHz	16QAM	26640	50RB#0	21.80	22.8	33.01	PASS
Band25	15MHz	QPSK	26115	1RB#0	23.15	24.15	33.01	PASS
Band25	15MHz	QPSK	26115	1RB#38	23.40	24.4	33.01	PASS
Band25	15MHz	QPSK	26115	1RB#74	23.41	24.41	33.01	PASS
Band25	15MHz	QPSK	26115	75RB#0	22.58	23.58	33.01	PASS
Band25	15MHz	QPSK	26365	1RB#0	23.76	24.76	33.01	PASS
Band25	15MHz	QPSK	26365	1RB#38	23.73	24.73	33.01	PASS
Band25	15MHz	QPSK	26365	1RB#74	23.45	24.45	33.01	PASS
Band25	15MHz	QPSK	26365	75RB#0	22.96	23.96	33.01	PASS
Band25	15MHz	QPSK	26615	1RB#0	23.45	24.45	33.01	PASS
Band25	15MHz	QPSK	26615	1RB#38	23.70	24.7	33.01	PASS
Band25	15MHz	QPSK	26615	1RB#74	23.53	24.53	33.01	PASS
Band25	15MHz	QPSK	26615	75RB#0	22.80	23.8	33.01	PASS
Band25	15MHz	16QAM	26115	1RB#0	22.28	23.28	33.01	PASS
Band25	15MHz	16QAM	26115	1RB#38	22.56	23.56	33.01	PASS
Band25	15MHz	16QAM	26115	1RB#74	22.49	23.49	33.01	PASS
Band25	15MHz	16QAM	26115	75RB#0	21.57	22.57	33.01	PASS
Band25	15MHz	16QAM	26365	1RB#0	22.91	23.91	33.01	PASS
Band25	15MHz	16QAM	26365	1RB#38	22.71	23.71	33.01	PASS
Band25	15MHz	16QAM	26365	1RB#74	22.61	23.61	33.01	PASS
Band25	15MHz	16QAM	26365	75RB#0	21.97	22.97	33.01	PASS
Band25	15MHz	16QAM	26615	1RB#0	22.62	23.62	33.01	PASS
Band25	15MHz	16QAM	26615	1RB#38	22.74	23.74	33.01	PASS
Band25	15MHz	16QAM	26615	1RB#74	22.81	23.81	33.01	PASS
Band25	15MHz	16QAM	26615	75RB#0	21.81	22.81	33.01	PASS
Band25	20MHz	QPSK	26140	1RB#0	23.60	24.6	33.01	PASS
Band25	20MHz	QPSK	26140	1RB#49	23.95	24.95	33.01	PASS
Band25	20MHz	QPSK	26140	1RB#99	23.41	24.41	33.01	PASS
Band25	20MHz	QPSK	26140	100RB#0	22.64	23.64	33.01	PASS
Band25	20MHz	QPSK	26365	1RB#0	23.80	24.8	33.01	PASS
Band25	20MHz	QPSK	26365	1RB#49	23.77	24.77	33.01	PASS
Band25	20MHz	QPSK	26365	1RB#99	23.48	24.48	33.01	PASS

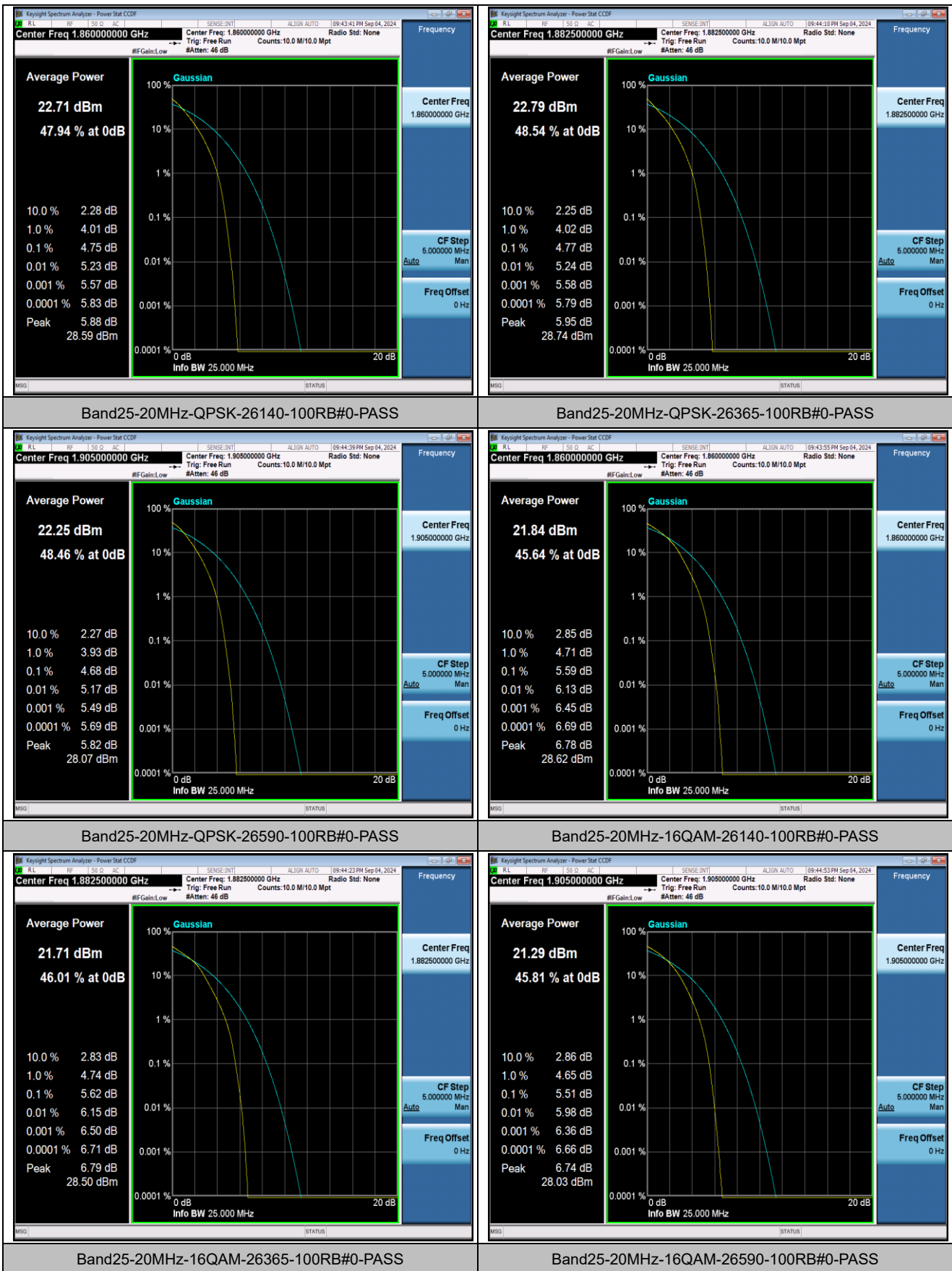
Band25	20MHz	QPSK	26365	100RB#0	22.99	23.99	33.01	PASS
Band25	20MHz	QPSK	26590	1RB#0	23.64	24.64	33.01	PASS
Band25	20MHz	QPSK	26590	1RB#49	23.84	24.84	33.01	PASS
Band25	20MHz	QPSK	26590	1RB#99	23.74	24.74	33.01	PASS
Band25	20MHz	QPSK	26590	100RB#0	22.90	23.9	33.01	PASS
Band25	20MHz	16QAM	26140	1RB#0	22.53	23.53	33.01	PASS
Band25	20MHz	16QAM	26140	1RB#49	23.24	24.24	33.01	PASS
Band25	20MHz	16QAM	26140	1RB#99	22.92	23.92	33.01	PASS
Band25	20MHz	16QAM	26140	100RB#0	21.65	22.65	33.01	PASS
Band25	20MHz	16QAM	26365	1RB#0	22.73	23.73	33.01	PASS
Band25	20MHz	16QAM	26365	1RB#49	23.39	24.39	33.01	PASS
Band25	20MHz	16QAM	26365	1RB#99	22.74	23.74	33.01	PASS
Band25	20MHz	16QAM	26365	100RB#0	22.02	23.02	33.01	PASS
Band25	20MHz	16QAM	26590	1RB#0	22.82	23.82	33.01	PASS
Band25	20MHz	16QAM	26590	1RB#49	23.57	24.57	33.01	PASS
Band25	20MHz	16QAM	26590	1RB#99	23.26	24.26	33.01	PASS
Band25	20MHz	16QAM	26590	100RB#0	21.86	22.86	33.01	PASS

## Peak-to-Average Ratio(CCDF)

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band25	20MHz	QPSK	26140	100RB#0	4.75	13	PASS
Band25	20MHz	QPSK	26365	100RB#0	4.77	13	PASS
Band25	20MHz	QPSK	26590	100RB#0	4.68	13	PASS
Band25	20MHz	16QAM	26140	100RB#0	5.59	13	PASS
Band25	20MHz	16QAM	26365	100RB#0	5.62	13	PASS
Band25	20MHz	16QAM	26590	100RB#0	5.51	13	PASS

**Test Graphs**

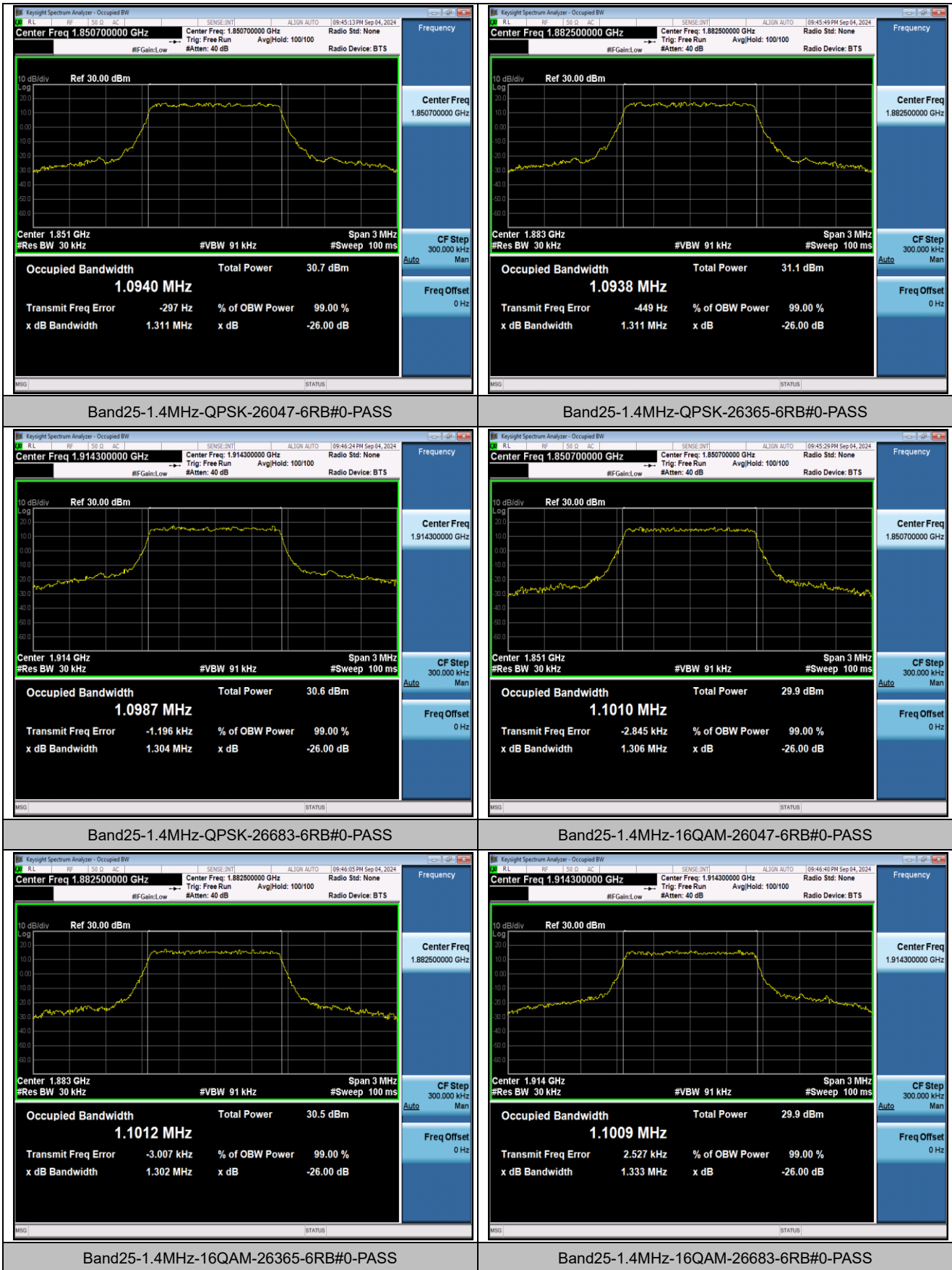


## 26dB Bandwidth and Occupied Bandwidth

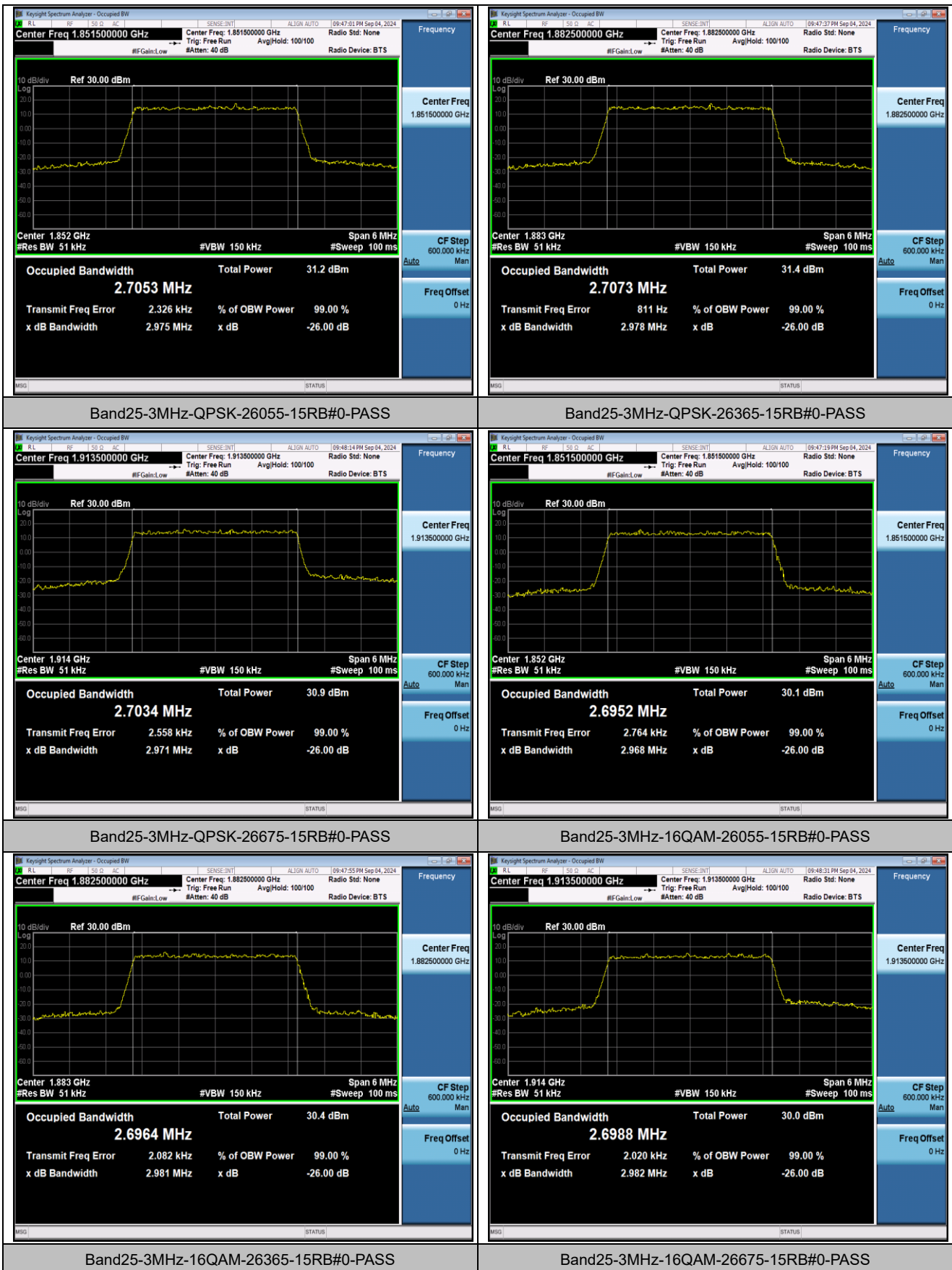
### Test Result

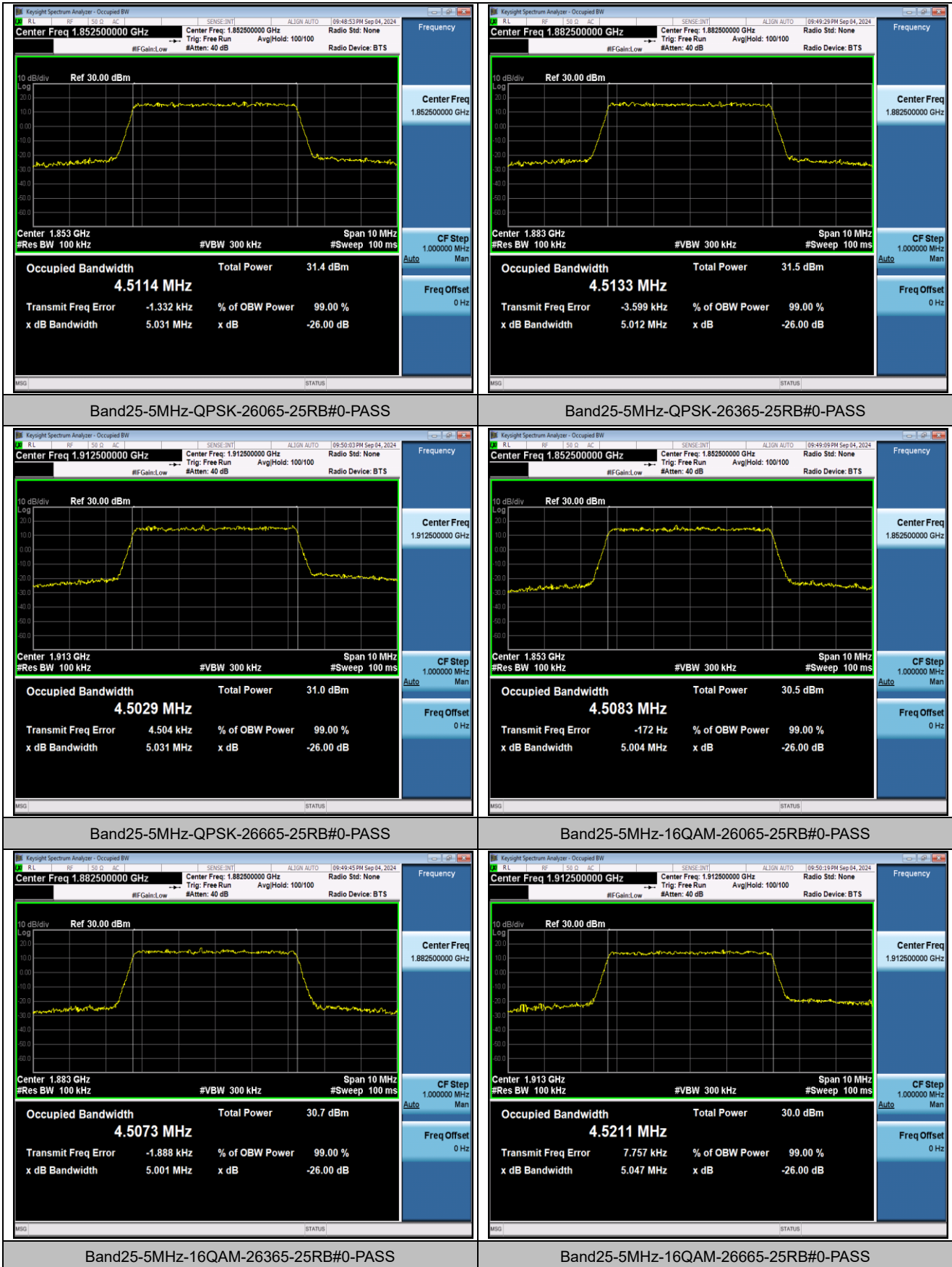
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	1.0940	1.311	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.0938	1.311	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.0987	1.304	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.1010	1.306	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.1012	1.302	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.1009	1.333	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.7053	2.975	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.7073	2.978	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.7034	2.971	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.6952	2.968	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.6964	2.981	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.6988	2.982	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.5114	5.031	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.5133	5.012	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.5029	5.031	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.5083	5.004	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.5073	5.001	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.5211	5.047	PASS
Band25	10MHz	QPSK	26090	50RB#0	8.9664	9.938	PASS
Band25	10MHz	QPSK	26365	50RB#0	8.9746	9.927	PASS
Band25	10MHz	QPSK	26640	50RB#0	9.0082	9.995	PASS
Band25	10MHz	16QAM	26090	50RB#0	8.9735	9.847	PASS
Band25	10MHz	16QAM	26365	50RB#0	8.9823	9.845	PASS
Band25	10MHz	16QAM	26640	50RB#0	9.0030	9.941	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.465	14.85	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.471	14.85	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.464	14.85	PASS
Band25	15MHz	16QAM	26115	75RB#0	13.445	14.73	PASS
Band25	15MHz	16QAM	26365	75RB#0	13.466	14.72	PASS
Band25	15MHz	16QAM	26615	75RB#0	13.484	14.75	PASS
Band25	20MHz	QPSK	26140	100RB#0	17.897	19.45	PASS
Band25	20MHz	QPSK	26365	100RB#0	17.945	19.51	PASS
Band25	20MHz	QPSK	26590	100RB#0	17.904	19.60	PASS
Band25	20MHz	16QAM	26140	100RB#0	17.934	19.51	PASS
Band25	20MHz	16QAM	26365	100RB#0	17.976	19.54	PASS
Band25	20MHz	16QAM	26590	100RB#0	17.862	19.42	PASS

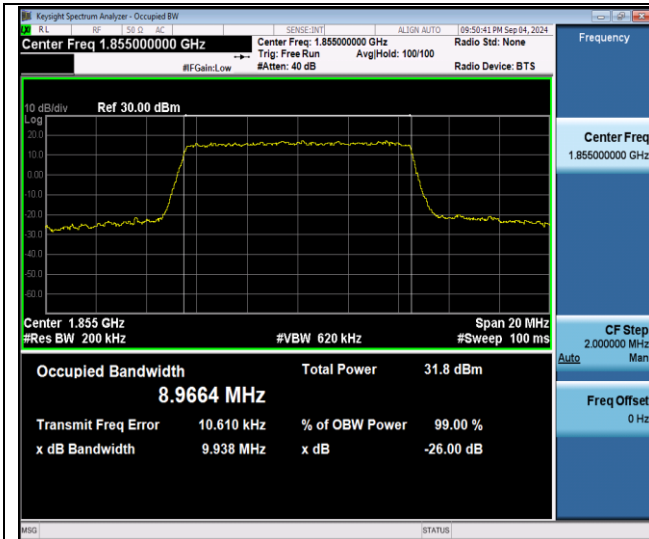
## Test Graphs











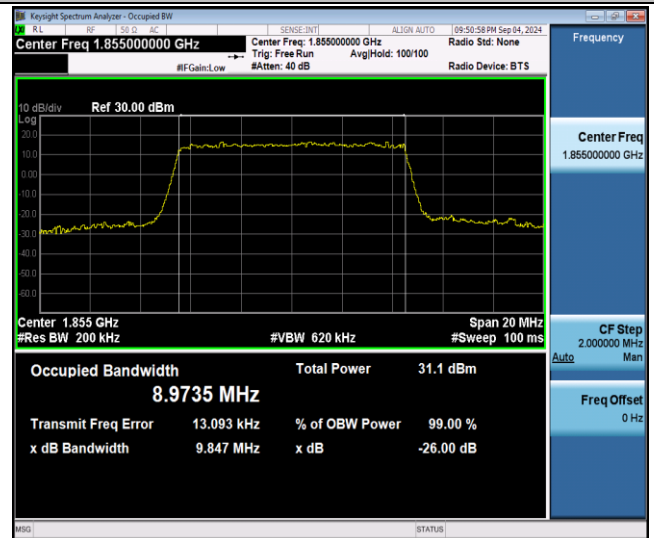
Band25-10MHz-QPSK-26090-50RB#0-PASS



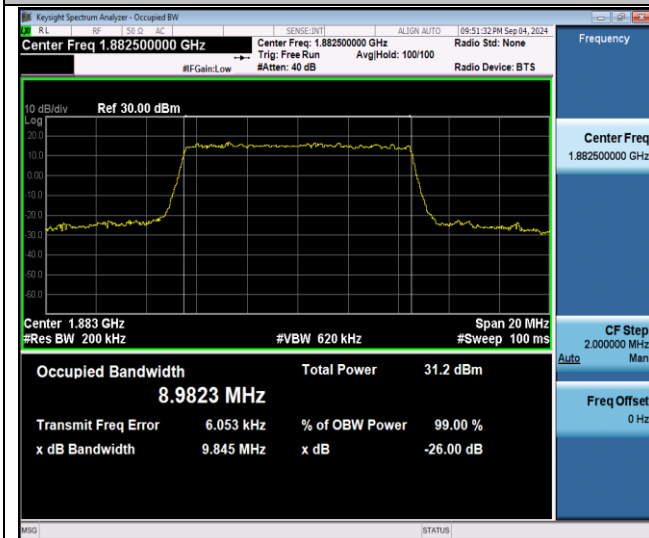
Band25-10MHz-QPSK-26365-50RB#0-PASS



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

