

Appendix-B LTE Band 66

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	24.33	27.31	30.00	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	23.11	26.09	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	24.36	27.34	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.44	26.42	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	24.06	27.04	30.00	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	23.18	26.16	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	24.35	27.33	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.17	26.15	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	22.77	25.75	30.00	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.68	25.66	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	23.42	26.40	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	23.8	26.78	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	23.34	26.32	30.00	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	22.13	25.11	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	23.31	26.29	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.47	25.45	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	23.15	26.13	30.00	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	22.33	25.31	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	23.38	26.36	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.58	25.56	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	22.01	24.99	30.00	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	21.66	24.64	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	22.67	25.65	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	22.91	25.89	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#0	24.13	27.11	30.00	PASS
Band66	3MHz	QPSK	131987	15RB#0	23.08	26.06	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#8	24.35	27.33	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#14	22.91	25.89	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.99	26.97	30.00	PASS
Band66	3MHz	QPSK	132322	15RB#0	23.12	26.10	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#8	24.05	27.03	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#14	22.73	25.71	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#0	22.48	25.46	30.00	PASS
Band66	3MHz	QPSK	132657	15RB#0	22.58	25.56	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#8	23.65	26.63	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#14	23.42	26.40	30.00	PASS

Band66	3MHz	16QAM	131987	1RB#0	23.34	26.32	30.00	PASS
Band66	3MHz	16QAM	131987	15RB#0	22.05	25.03	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#8	23.44	26.42	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#14	21.94	24.92	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#0	23.35	26.33	30.00	PASS
Band66	3MHz	16QAM	132322	15RB#0	22.2	25.18	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#8	23.36	26.34	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#14	22.02	25.00	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#0	21.76	24.74	30.00	PASS
Band66	3MHz	16QAM	132657	15RB#0	21.65	24.63	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#8	23	25.98	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#14	22.72	25.70	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#0	24.28	27.26	30.00	PASS
Band66	5MHz	QPSK	131997	25RB#0	23.1	26.08	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#12	23.89	26.87	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#24	23.42	26.40	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#0	24.03	27.01	30.00	PASS
Band66	5MHz	QPSK	132322	25RB#0	23.06	26.04	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#12	23.45	26.43	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#24	22.93	25.91	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#0	23.09	26.07	30.00	PASS
Band66	5MHz	QPSK	132647	25RB#0	22.58	25.56	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#12	23.18	26.16	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#24	23.65	26.63	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#0	23.47	26.45	30.00	PASS
Band66	5MHz	16QAM	131997	25RB#0	22.31	25.29	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#12	23.11	26.09	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#24	22.97	25.95	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#0	23.52	26.50	30.00	PASS
Band66	5MHz	16QAM	132322	25RB#0	22.24	25.22	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.92	25.90	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.35	25.33	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#0	22.28	25.26	30.00	PASS
Band66	5MHz	16QAM	132647	25RB#0	21.79	24.77	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#12	22.63	25.61	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#24	22.88	25.86	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#0	24.35	27.33	30.00	PASS
Band66	10MHz	QPSK	132022	50RB#0	23.34	26.32	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#24	24.09	27.07	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#49	23.15	26.13	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.74	26.72	30.00	PASS
Band66	10MHz	QPSK	132322	50RB#0	23.08	26.06	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#24	24.1	27.08	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#49	22.86	25.84	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#0	22.36	25.34	30.00	PASS

Band66	10MHz	QPSK	132622	50RB#0	22.83	25.81	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#24	23.36	26.34	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#49	23.61	26.59	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#0	23.47	26.45	30.00	PASS
Band66	10MHz	16QAM	132022	27RB#0	22.02	25.00	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#24	23.26	26.24	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#49	22.62	25.60	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#0	23.16	26.14	30.00	PASS
Band66	10MHz	16QAM	132322	27RB#0	22.24	25.22	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#24	23.17	26.15	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#49	22.15	25.13	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#0	21.86	24.84	30.00	PASS
Band66	10MHz	16QAM	132622	27RB#0	21.82	24.80	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#24	22.8	25.78	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#49	22.97	25.95	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#0	24.26	27.24	30.00	PASS
Band66	15MHz	QPSK	132047	75RB#0	23.34	26.32	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#38	23.86	26.84	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.21	26.19	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.95	26.93	30.00	PASS
Band66	15MHz	QPSK	132322	75RB#0	23.13	26.11	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#38	23.63	26.61	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.14	26.12	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#0	22.13	25.11	30.00	PASS
Band66	15MHz	QPSK	132597	75RB#0	22.87	25.85	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.39	26.37	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#74	23.78	26.76	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#0	23.31	26.29	30.00	PASS
Band66	15MHz	16QAM	132047	27RB#0	22.15	25.13	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.93	25.91	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.35	25.33	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#0	23.11	26.09	30.00	PASS
Band66	15MHz	16QAM	132322	27RB#0	22.14	25.12	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#38	23.09	26.07	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.46	25.44	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#0	23.12	26.10	30.00	PASS
Band66	15MHz	16QAM	132597	27RB#0	22.23	25.21	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#38	22.9	25.88	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#74	22.99	25.97	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#0	24.11	27.09	30.00	PASS
Band66	20MHz	QPSK	132072	100RB#0	23.26	26.24	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#49	24.01	26.99	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#99	23.16	26.14	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#0	23.87	26.85	30.00	PASS
Band66	20MHz	QPSK	132322	100RB#0	22.95	25.93	30.00	PASS

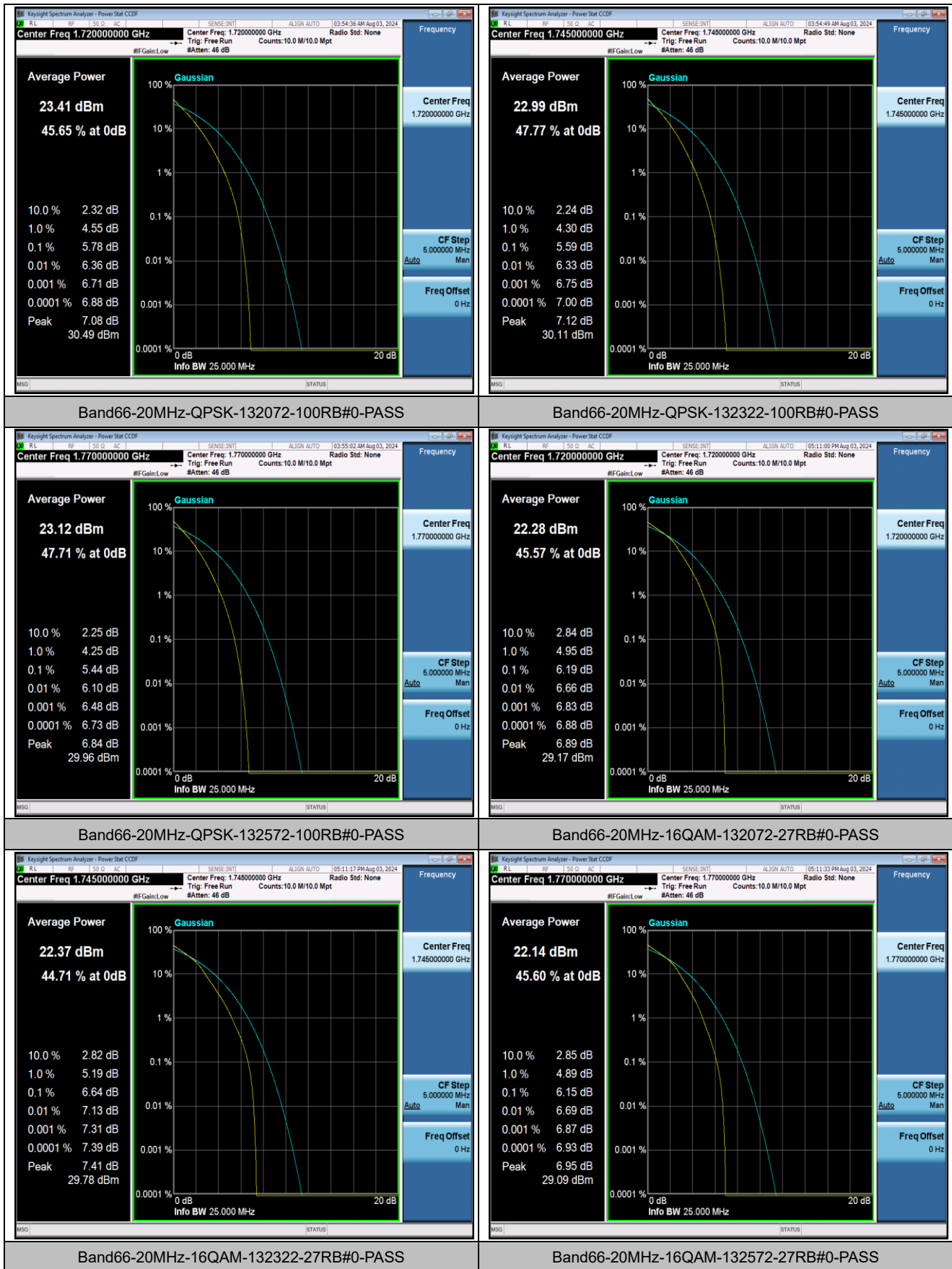
Band66	20MHz	QPSK	132322	1RB#49	24.05	27.03	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#99	23.29	26.27	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#0	22.24	25.22	30.00	PASS
Band66	20MHz	QPSK	132572	100RB#0	22.83	25.81	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.57	26.55	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#99	23.72	26.70	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#0	23.02	26.00	30.00	PASS
Band66	20MHz	16QAM	132072	27RB#0	22.08	25.06	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.9	25.88	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.39	25.37	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#0	23.36	26.34	30.00	PASS
Band66	20MHz	16QAM	132322	27RB#0	22.3	25.28	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#49	23.32	26.30	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#99	22.49	25.47	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#0	23.28	26.26	30.00	PASS
Band66	20MHz	16QAM	132572	27RB#0	22.13	25.11	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#49	23.2	26.18	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#99	23.06	26.04	30.00	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	5.78	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.59	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.44	13	PASS
Band66	20MHz	16QAM	132072	27RB#0	6.19	13	PASS
Band66	20MHz	16QAM	132322	27RB#0	6.64	13	PASS
Band66	20MHz	16QAM	132572	27RB#0	6.15	13	PASS

Test Graphs

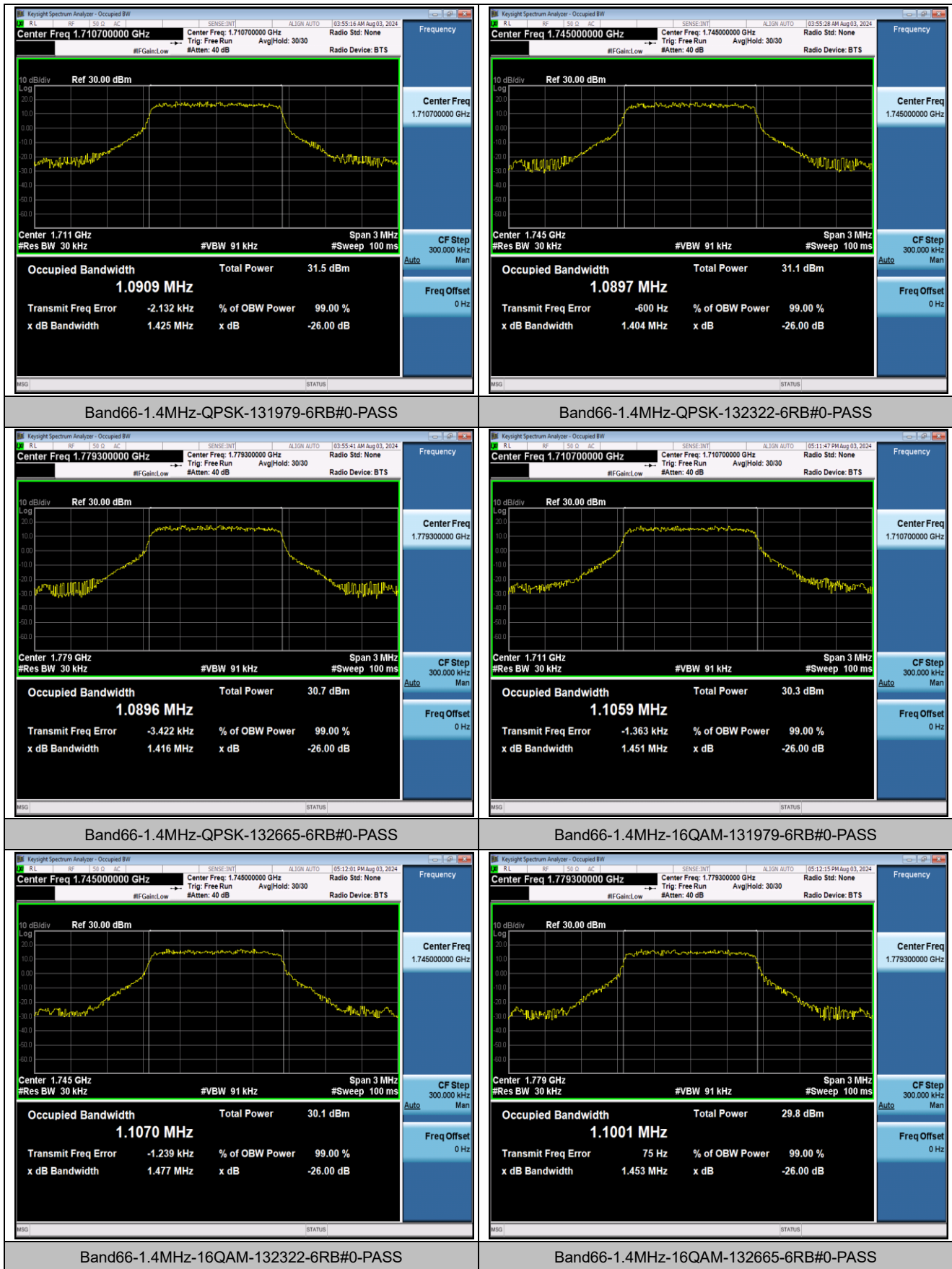


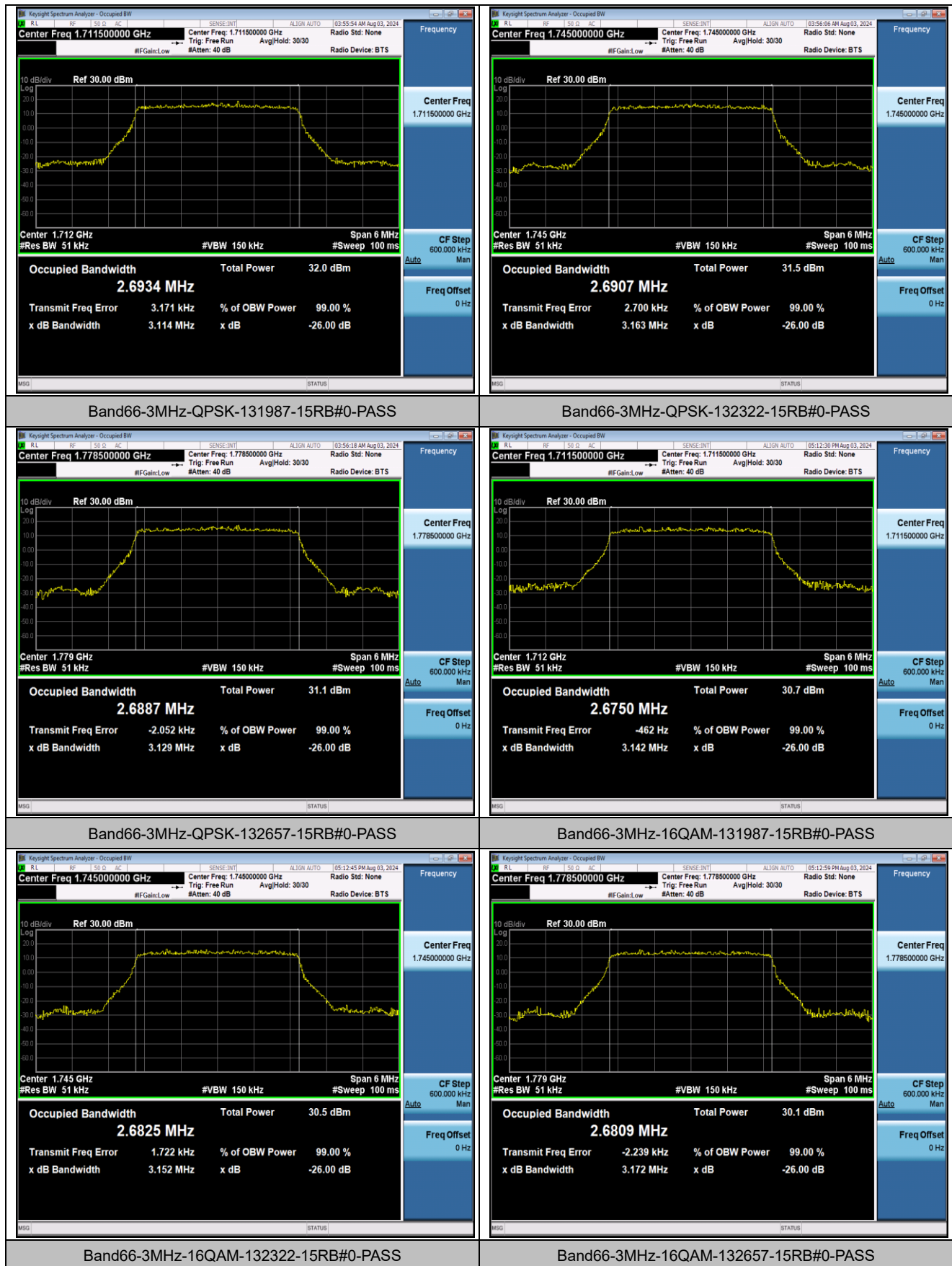
26dB Bandwidth and Occupied Bandwidth

Test Result

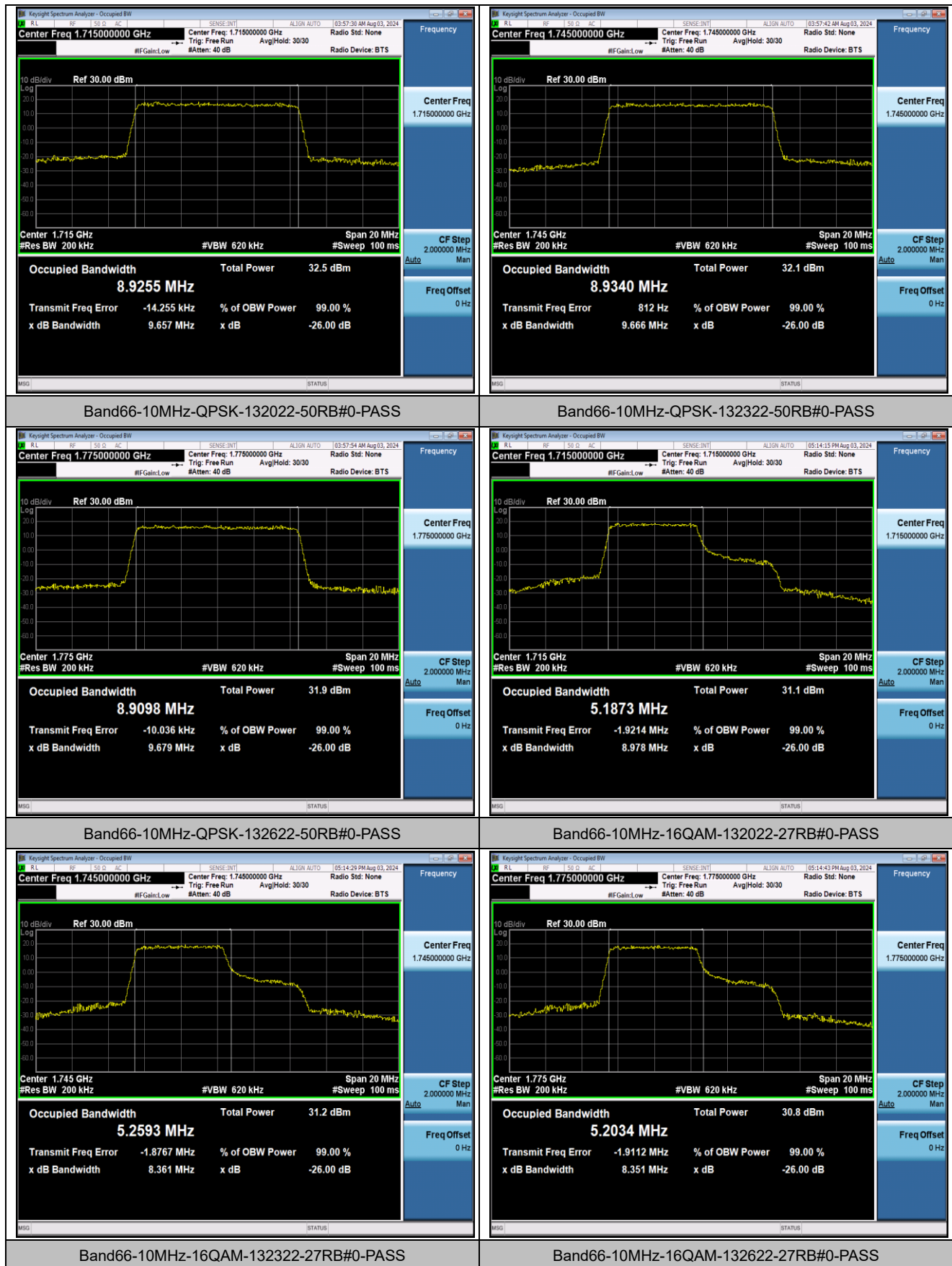
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.0909	1.425	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0897	1.404	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0896	1.416	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.1059	1.451	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.1070	1.477	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.1001	1.453	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.6934	3.114	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.6907	3.163	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.6887	3.129	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6750	3.142	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6825	3.152	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6809	3.172	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.4848	5.064	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.4841	5.095	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.4803	5.081	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.4737	5.067	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.4734	5.063	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.4744	5.050	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.9255	9.657	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.9340	9.666	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.9098	9.679	PASS
Band66	10MHz	16QAM	132022	27RB#0	5.1873	8.978	PASS
Band66	10MHz	16QAM	132322	27RB#0	5.2593	8.361	PASS
Band66	10MHz	16QAM	132622	27RB#0	5.2034	8.351	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.536	16.47	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.554	16.67	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.555	16.25	PASS
Band66	15MHz	16QAM	132047	27RB#0	5.8535	9.510	PASS
Band66	15MHz	16QAM	132322	27RB#0	6.1857	11.42	PASS
Band66	15MHz	16QAM	132597	27RB#0	5.8915	11.58	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.995	21.11	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.994	20.91	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.994	21.14	PASS
Band66	20MHz	16QAM	132072	27RB#0	7.2441	10.24	PASS
Band66	20MHz	16QAM	132322	27RB#0	8.0250	11.13	PASS
Band66	20MHz	16QAM	132572	27RB#0	7.2949	10.24	PASS

Test Graphs

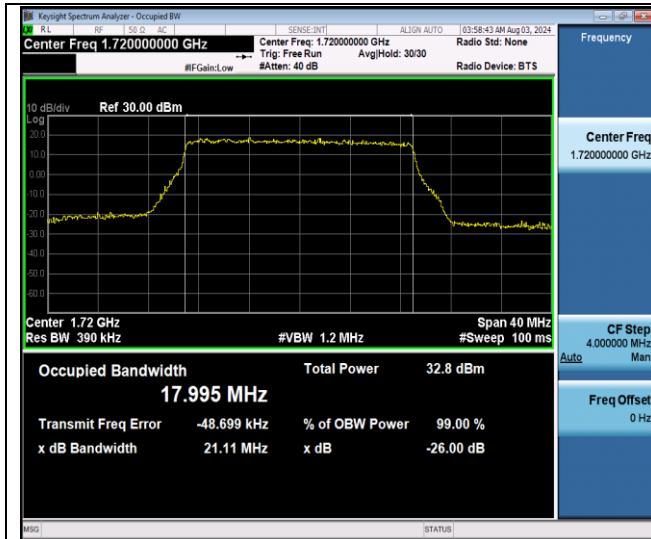








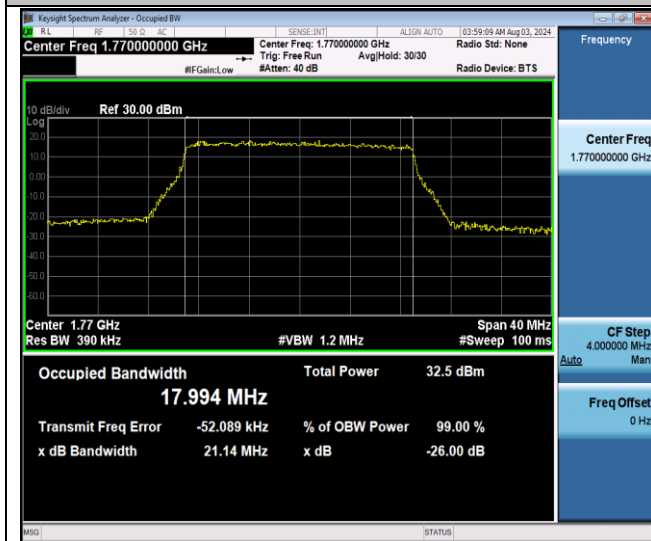




Band66-20MHz-QPSK-132072-100RB#0-PASS



Band66-20MHz-QPSK-132322-100RB#0-PASS



Band66-20MHz-QPSK-132572-100RB#0-PASS



Band66-20MHz-16QAM-132072-27RB#0-PASS



Band66-20MHz-16QAM-132322-27RB#0-PASS



Band66-20MHz-16QAM-132572-27RB#0-PASS