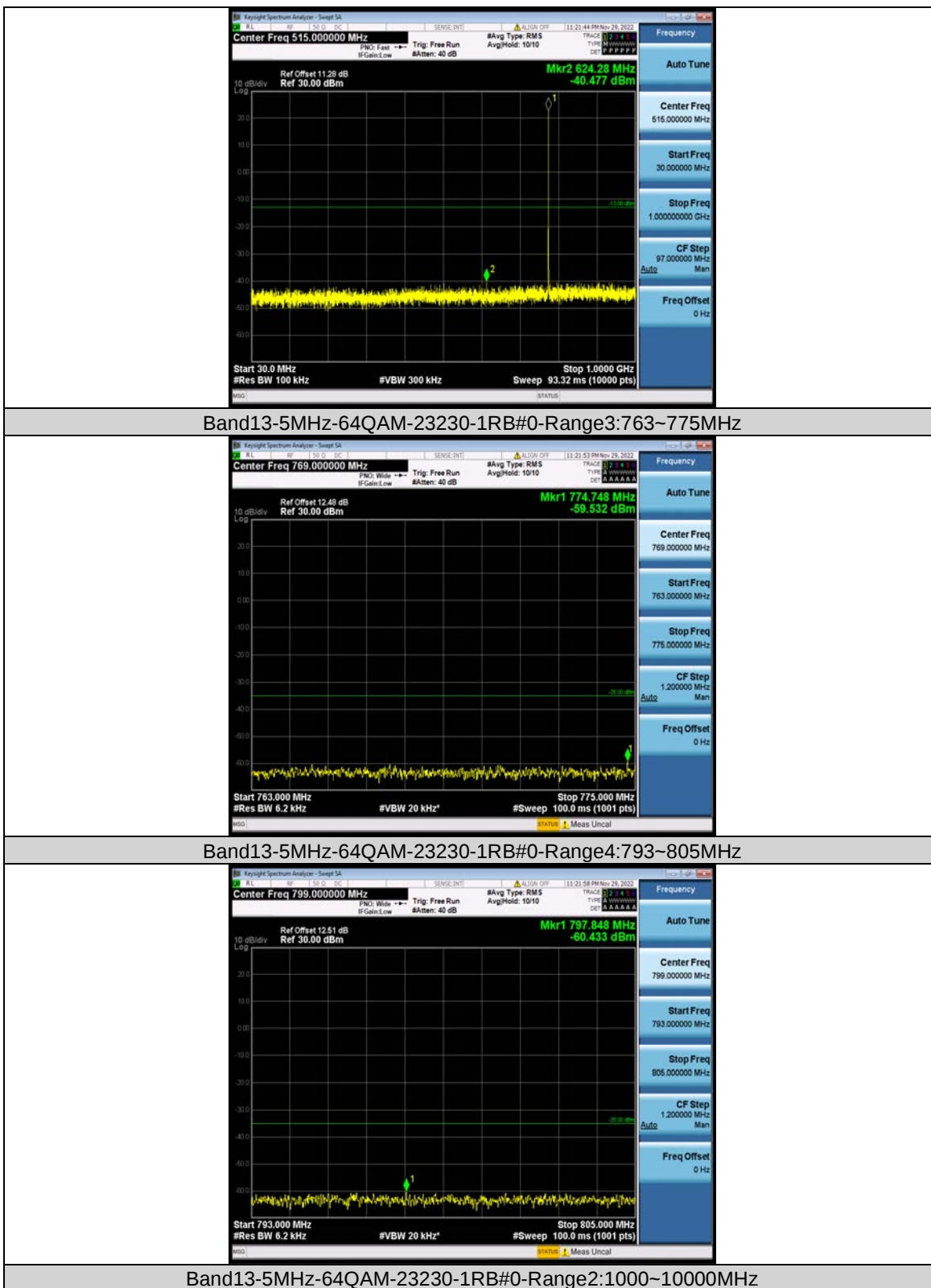
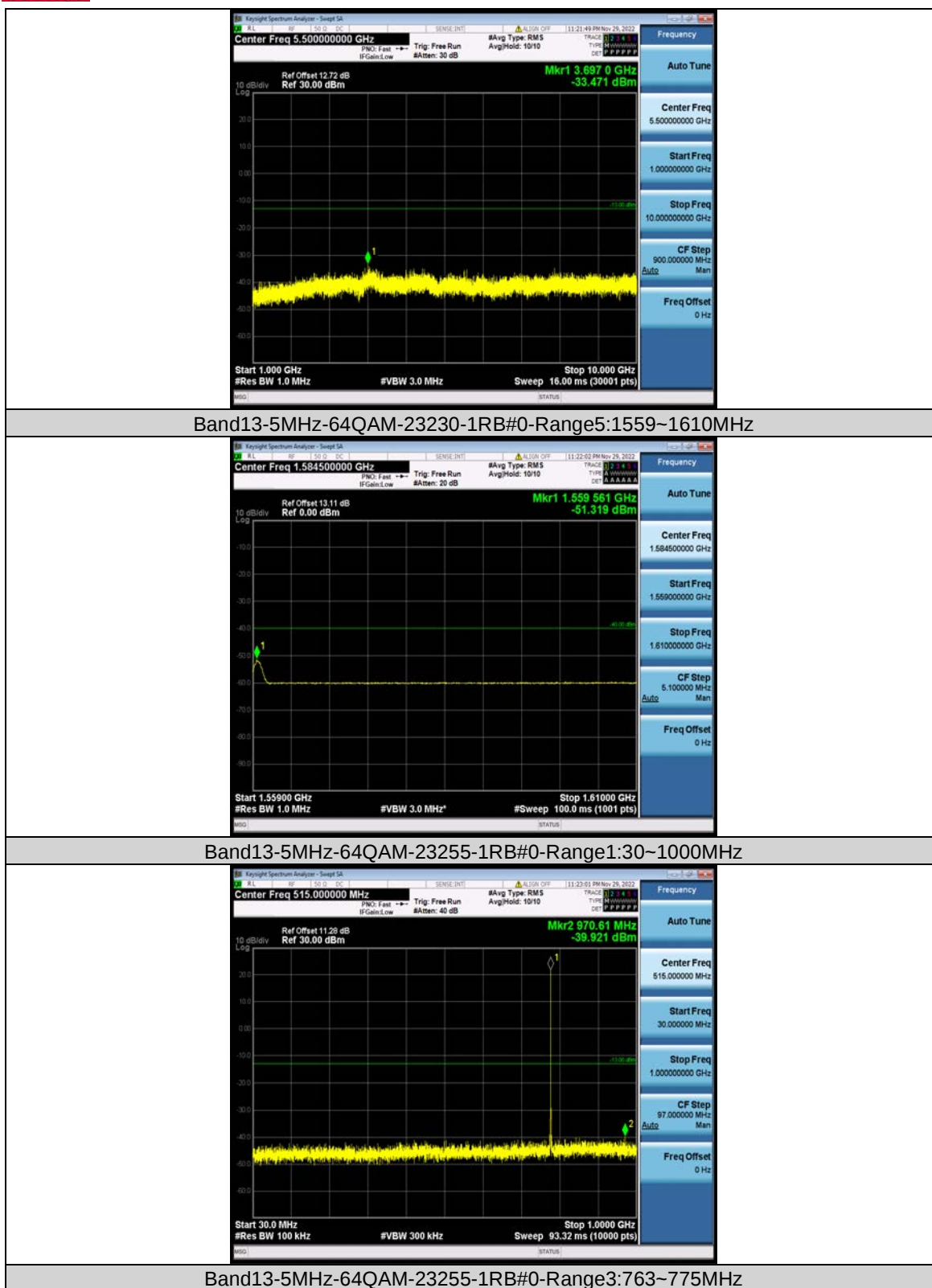
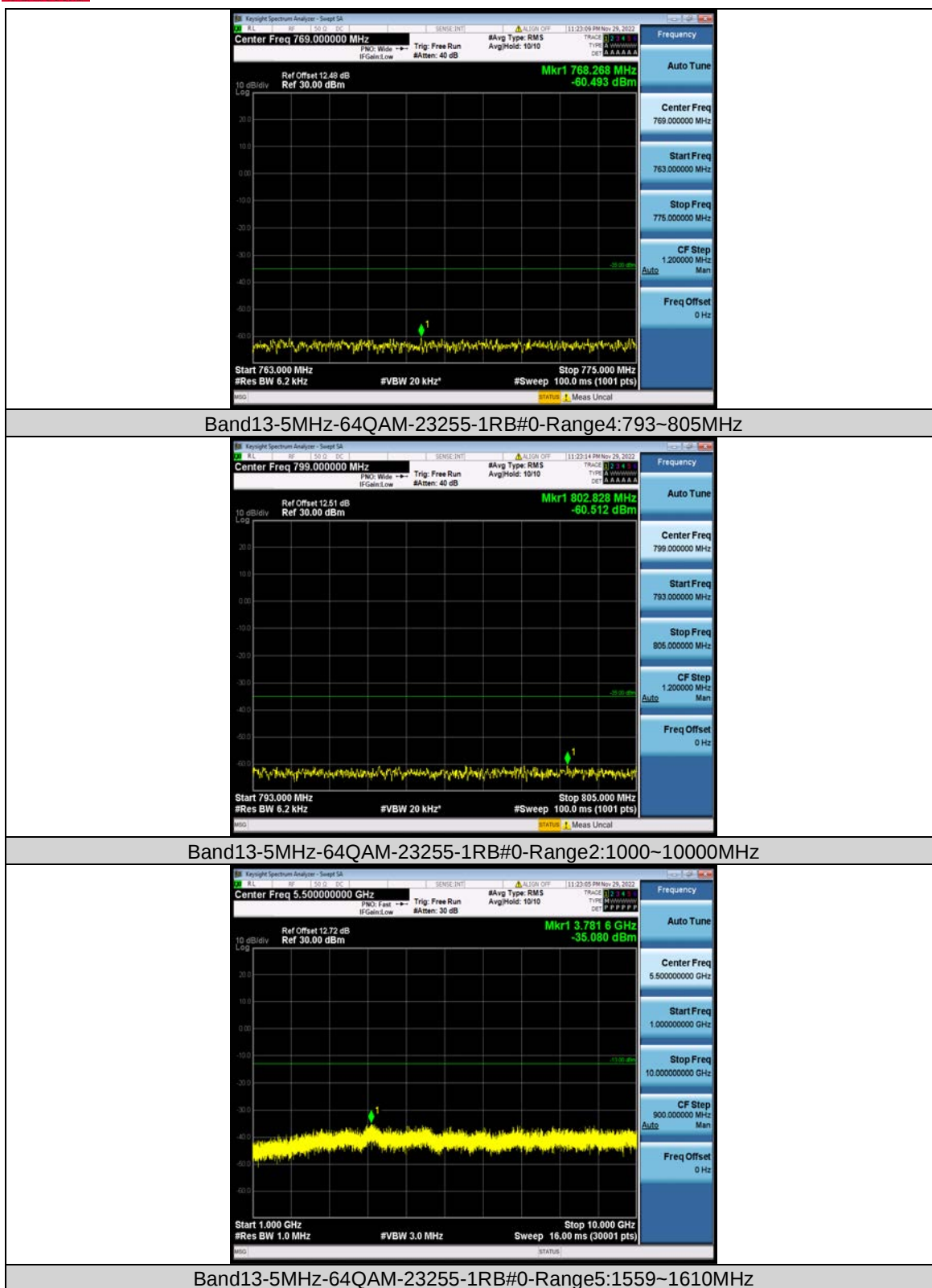
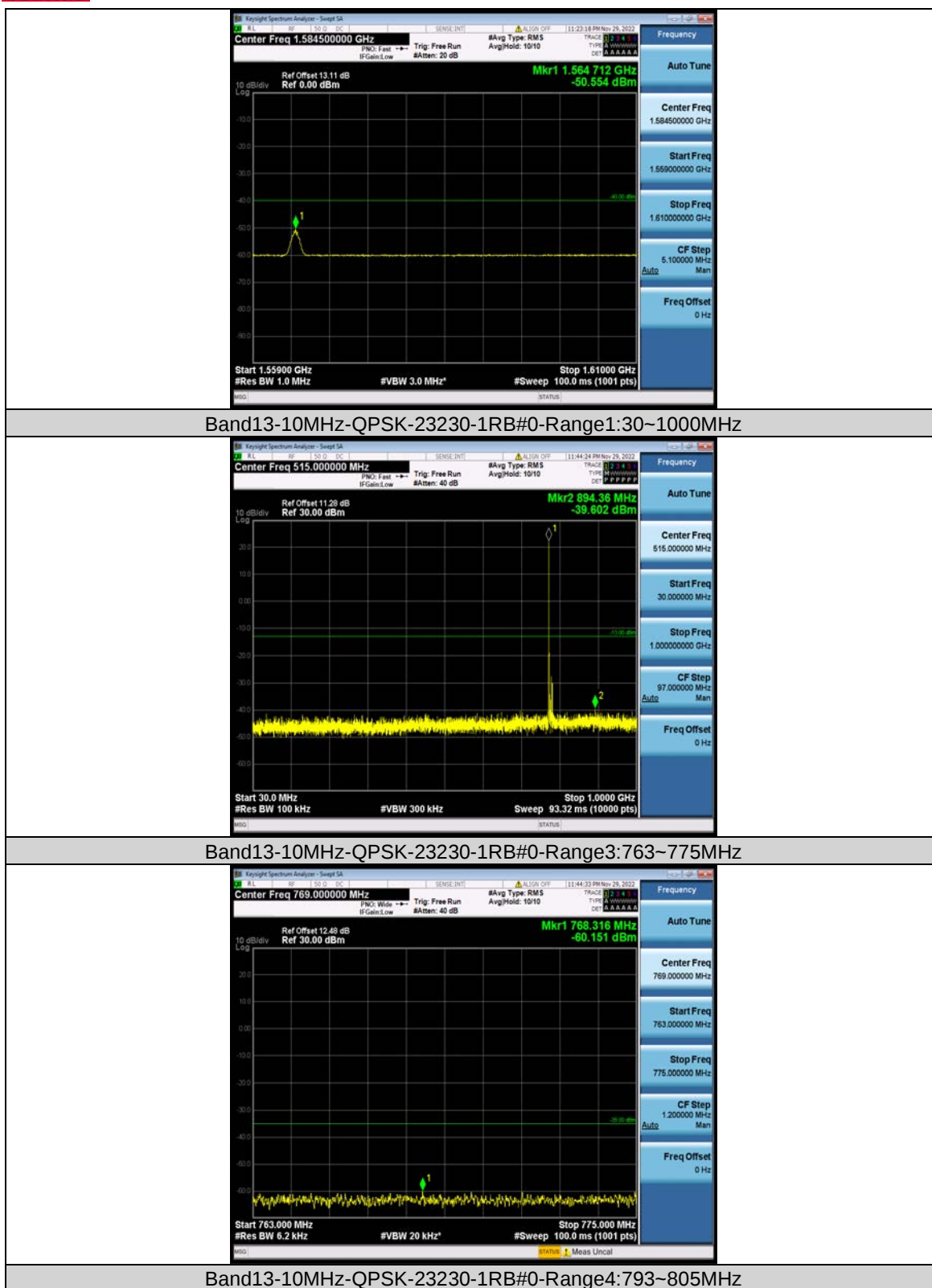
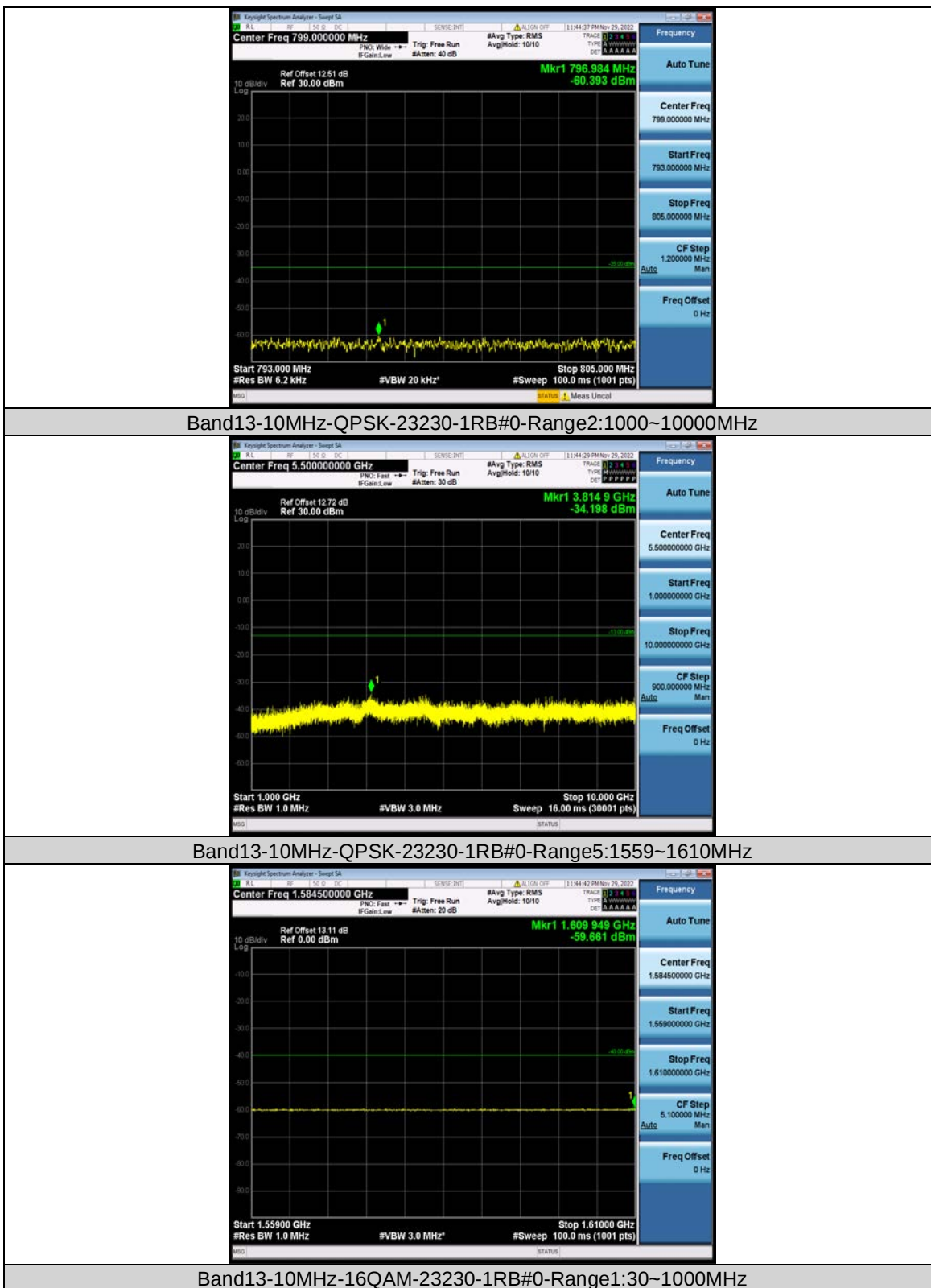


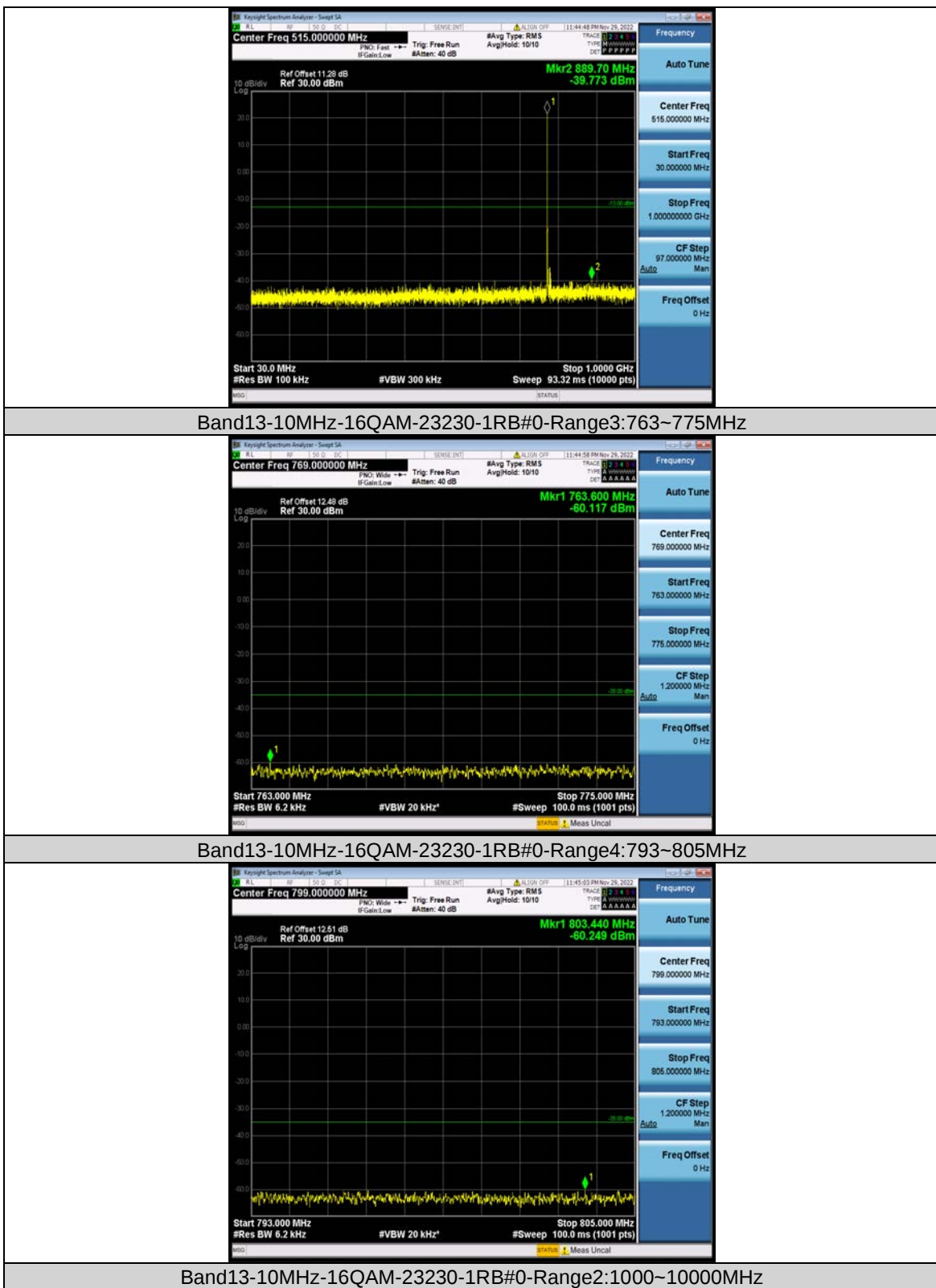


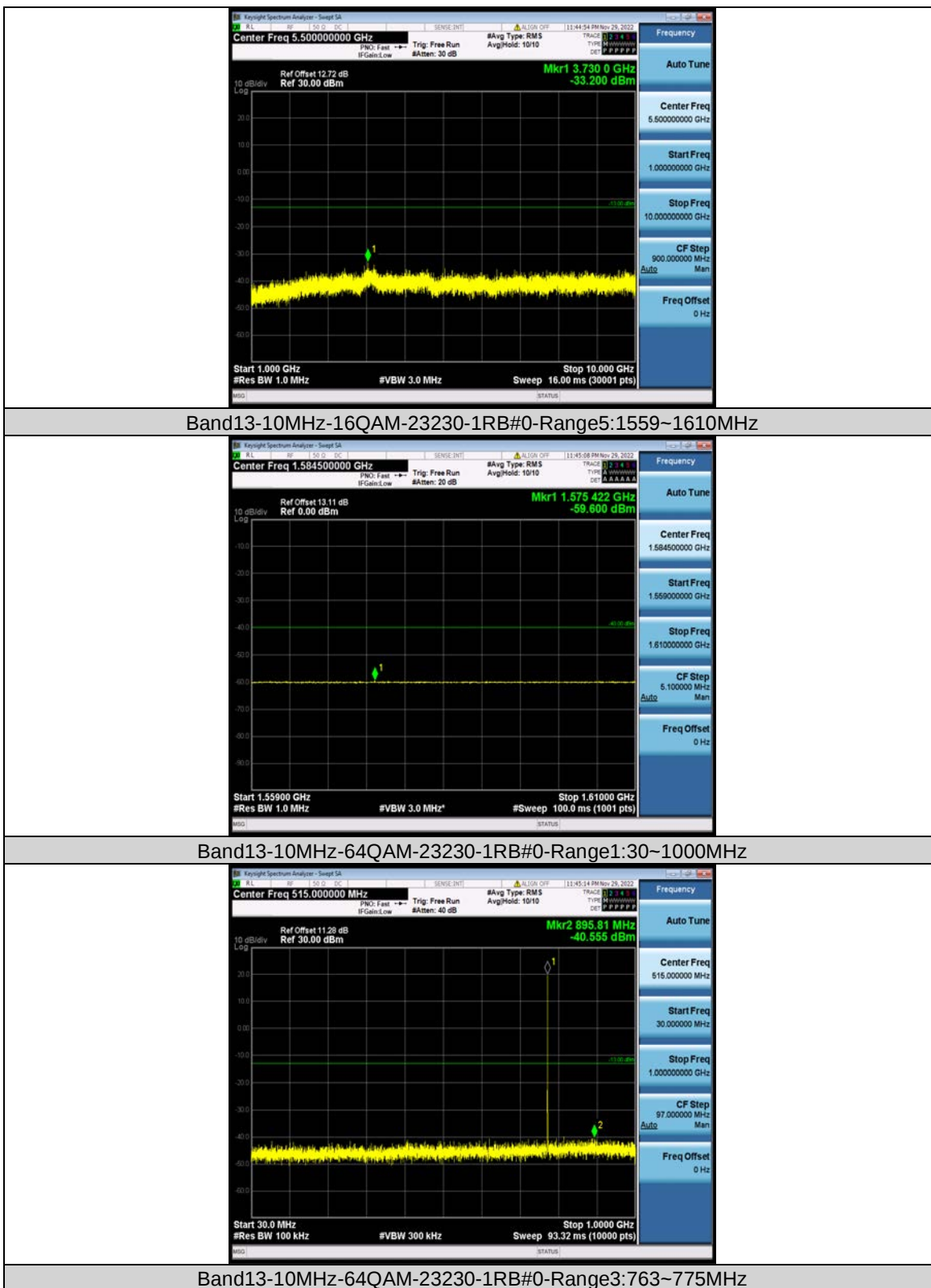




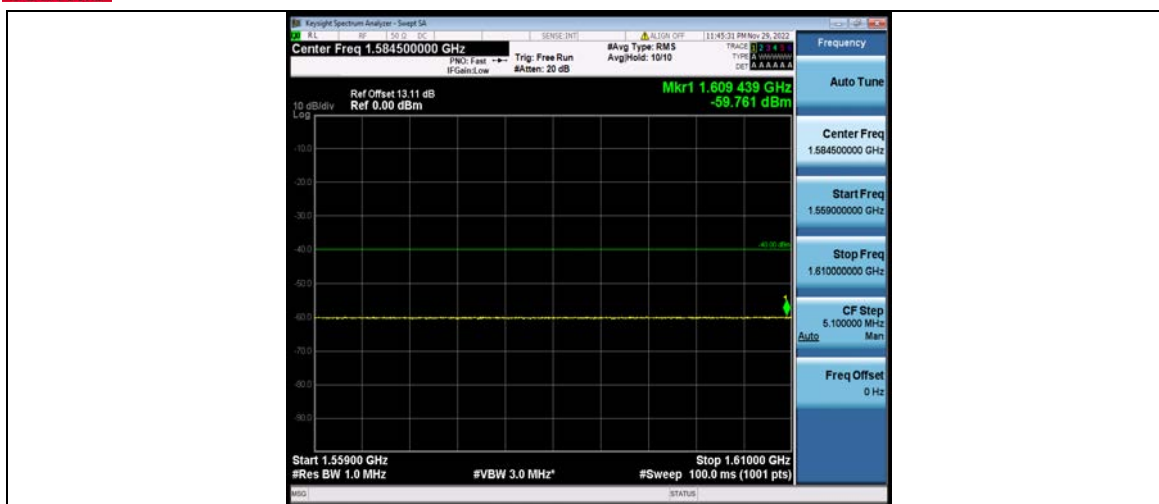












FREQUENCY STABILITY

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band1_3	5MHz	QPSK	23205	25RB#0	VL	NT	15.51	0.019897	±2.5	PASS
Band1_3	5MHz	QPSK	23205	25RB#0	VN	NT	16.84	0.021604	±2.5	PASS
Band1_3	5MHz	QPSK	23205	25RB#0	VH	NT	14.35	0.018409	±2.5	PASS
Band1_3	5MHz	QPSK	23230	25RB#0	VL	NT	3.89	0.004974	±2.5	PASS
Band1_3	5MHz	QPSK	23230	25RB#0	VN	NT	16.47	0.021061	±2.5	PASS
Band1_3	5MHz	QPSK	23230	25RB#0	VH	NT	-8.61	-0.011010	±2.5	PASS
Band1_3	5MHz	QPSK	23255	25RB#0	VL	NT	1.80	0.002294	±2.5	PASS
Band1_3	5MHz	QPSK	23255	25RB#0	VN	NT	10.70	0.013639	±2.5	PASS
Band1_3	5MHz	QPSK	23255	25RB#0	VH	NT	2.12	0.002702	±2.5	PASS
Band1_3	5MHz	16QAM	23205	25RB#0	VL	NT	-2.33	-0.002989	±2.5	PASS
Band1_3	5MHz	16QAM	23205	25RB#0	VN	NT	4.61	0.005914	±2.5	PASS
Band1_3	5MHz	16QAM	23205	25RB#0	VH	NT	3.52	0.004516	±2.5	PASS
Band1_3	5MHz	16QAM	23230	25RB#0	VL	NT	-5.68	-0.007263	±2.5	PASS
Band1_3	5MHz	16QAM	23230	25RB#0	VN	NT	5.55	0.007097	±2.5	PASS
Band1_3	5MHz	16QAM	23230	25RB#0	VH	NT	2.56	0.003274	±2.5	PASS
Band1_3	5MHz	16QAM	23255	25RB#0	VL	NT	3.72	0.004742	±2.5	PASS
Band1_3	5MHz	16QAM	23255	25RB#0	VN	NT	4.33	0.005519	±2.5	PASS
Band1_3	5MHz	16QAM	23255	25RB#0	VH	NT	6.21	0.007916	±2.5	PASS
Band1_3	5MHz	64QAM	23205	25RB#0	VL	NT	3.08	0.003951	±2.5	PASS
Band1_3	5MHz	64QAM	23205	25RB#0	VN	NT	14.42	0.018499	±2.5	PASS
Band1_3	5MHz	64QAM	23205	25RB#0	VH	NT	4.26	0.005465	±2.5	PASS
Band1_3	5MHz	64QAM	23230	25RB#0	VL	NT	-9.53	-0.012187	±2.5	PASS



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3										
Band1 3	5MHz	64QAM	23230	25RB#0	VN	NT	3.23	0.004130	±2.5	PASS
Band1 3	5MHz	64QAM	23230	25RB#0	VH	NT	1.19	0.001522	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	VL	NT	2.16	0.002753	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	VN	NT	2.10	0.002677	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	VH	NT	3.12	0.003977	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	VL	NT	-8.35	-0.010678	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	VN	NT	-8.03	-0.010269	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	VH	NT	-1.65	-0.002110	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	VL	NT	-9.11	-0.011650	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	VN	NT	-1.85	-0.002366	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	VH	NT	-7.64	-0.009770	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	VL	NT	-7.31	-0.009348	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	VN	NT	1.92	0.002455	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	VH	NT	-2.79	-0.003568	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1 3	5MHz	QPSK	23205	25RB#0	NV	-30	13.63	0.017486	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	-20	14.89	0.019102	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	0	3.86	0.004952	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	10	3.85	0.004939	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	20	2.50	0.003207	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	30	12.19	0.015638	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	40	3.22	0.004131	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	50	12.63	0.016203	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	-30	-7.61	-0.009731	±2.5	PASS
Band1	5MHz	QPSK	23230	25RB#0	NV	-20	-9.83	-0.012570	±2.5	PASS



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3										
Band1 3	5MHz	QPSK	23230	25RB#0	NV	0	2.36	0.003018	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	10	3.66	0.004680	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	20	5.12	0.006547	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	30	4.69	0.005997	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	40	5.39	0.006893	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	50	6.19	0.007916	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	-30	2.86	0.003646	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	-20	-1.27	-0.001619	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	0	1.62	0.002065	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	10	3.82	0.004869	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	20	-4.85	-0.006182	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	30	4.52	0.005762	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	40	3.36	0.004283	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	50	2.49	0.003174	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	-30	2.92	0.003746	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	-20	-1.97	-0.002527	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	0	2.62	0.003361	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	10	3.85	0.004939	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	20	3.00	0.003849	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	30	3.06	0.003926	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	40	3.25	0.004169	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	50	13.26	0.017011	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	-30	-7.04	-0.009003	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	-20	2.06	0.002634	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	0	2.66	0.003402	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	10	-8.50	-0.010870	±2.5	PASS



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Band1 3	5MHz	16QAM	23230	25RB#0	NV	20	-8.23	-0.010524	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	30	-8.53	-0.010908	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	40	3.58	0.004578	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	50	3.32	0.004246	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	-30	3.88	0.004946	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	-20	3.06	0.003901	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	0	2.62	0.003340	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	10	3.16	0.004028	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	20	5.55	0.007075	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	30	4.48	0.005711	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	40	-9.48	-0.012084	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	50	5.71	0.007279	±2.5	PASS
Band1 3	5MHz	64QAM	23205	25RB#0	NV	-30	13.25	0.016998	±2.5	PASS
Band1 3	5MHz	64QAM	23205	25RB#0	NV	-20	2.43	0.003117	±2.5	PASS
Band1 3	5MHz	64QAM	23205	25RB#0	NV	0	13.49	0.017306	±2.5	PASS
Band1 3	5MHz	64QAM	23205	25RB#0	NV	10	3.65	0.004682	±2.5	PASS
Band1 3	5MHz	64QAM	23205	25RB#0	NV	20	14.62	0.018756	±2.5	PASS
Band1 3	5MHz	64QAM	23205	25RB#0	NV	30	16.91	0.021693	±2.5	PASS
Band1 3	5MHz	64QAM	23205	25RB#0	NV	40	7.24	0.009288	±2.5	PASS
Band1 3	5MHz	64QAM	23205	25RB#0	NV	50	13.36	0.017139	±2.5	PASS
Band1 3	5MHz	64QAM	23230	25RB#0	NV	-30	2.72	0.003478	±2.5	PASS
Band1 3	5MHz	64QAM	23230	25RB#0	NV	-20	2.39	0.003056	±2.5	PASS
Band1 3	5MHz	64QAM	23230	25RB#0	NV	0	0.99	0.001266	±2.5	PASS
Band1 3	5MHz	64QAM	23230	25RB#0	NV	10	2.06	0.002634	±2.5	PASS
Band1 3	5MHz	64QAM	23230	25RB#0	NV	20	-10.03	-0.012826	±2.5	PASS
Band1 3	5MHz	64QAM	23230	25RB#0	NV	30	2.68	0.003427	±2.5	PASS
Band1	5MHz	64QAM	23230	25RB#0	NV	40	2.68	0.003427	±2.5	PASS



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3										
Band1 3	5MHz	64QAM	23230	25RB#0	NV	50	1.73	0.002212	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	NV	-30	2.55	0.003250	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	NV	-20	3.06	0.003901	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	NV	0	4.22	0.005379	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	NV	10	-3.91	-0.004984	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	NV	20	2.02	0.002575	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	NV	30	-8.31	-0.010593	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	NV	40	3.76	0.004793	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	NV	50	1.33	0.001695	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	-30	-8.57	-0.010959	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	-20	-2.12	-0.002711	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	0	-7.70	-0.009847	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	10	-10.20	-0.013043	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	20	2.70	0.003453	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	30	-3.32	-0.004246	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	40	-2.40	-0.003069	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	50	2.35	0.003005	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	-30	2.53	0.003235	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	-20	2.92	0.003734	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	0	2.07	0.002647	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	10	-2.30	-0.002941	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	20	-6.52	-0.008338	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	30	-6.87	-0.008785	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	40	2.78	0.003555	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	50	-1.79	-0.002289	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	NV	-30	-1.22	-0.001560	±2.5	PASS



BUREAU
VERITAS

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Band1 3	10MHz	64QAM	23230	50RB#0	NV	-20	-2.29	-0.002928	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	NV	0	-6.75	-0.008632	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	NV	10	-2.59	-0.003312	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	NV	20	-2.42	-0.003095	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	NV	30	-1.90	-0.002430	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	NV	40	1.76	0.002251	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	NV	50	2.20	0.002813	±2.5	PASS

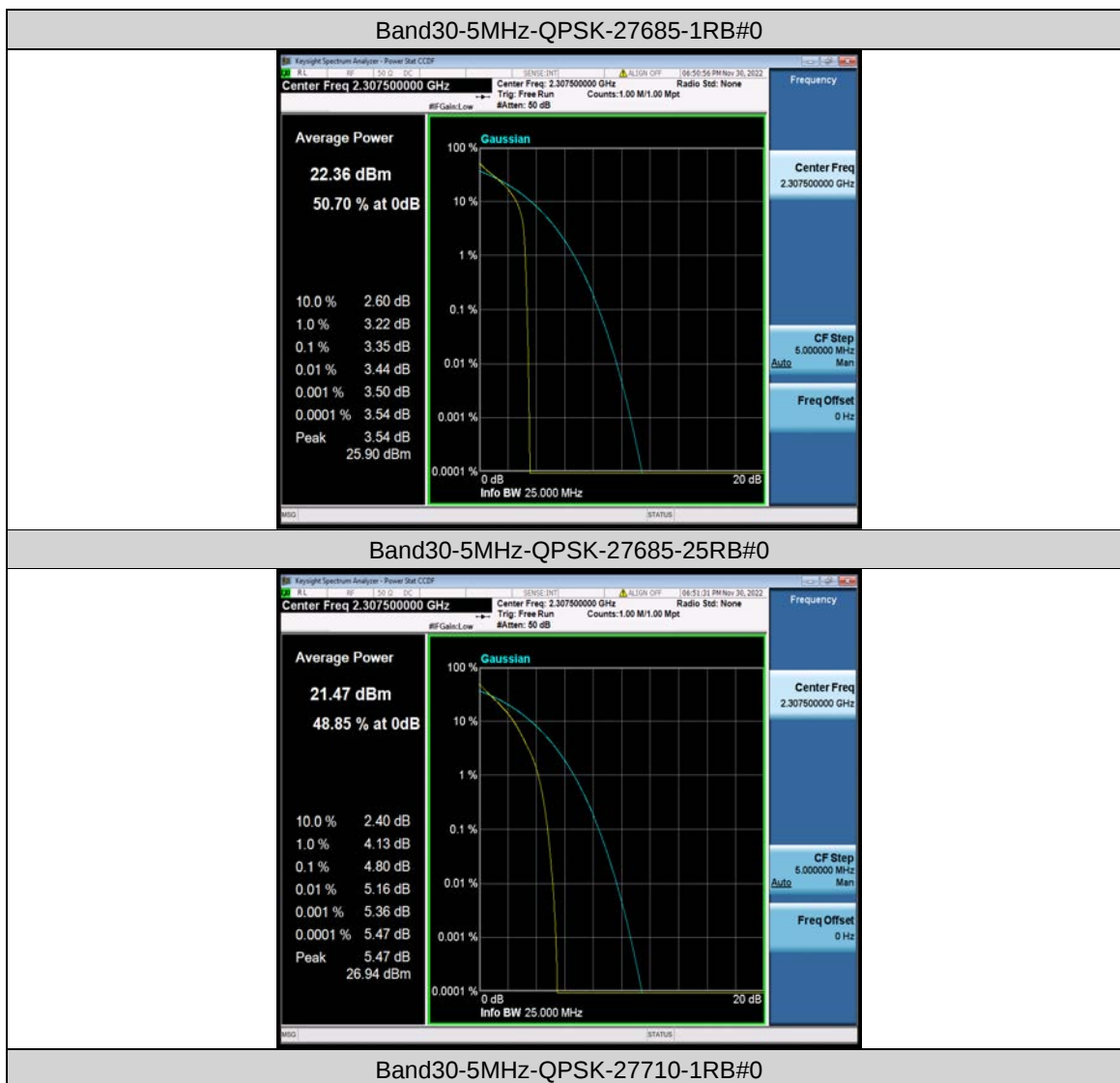
LTE BAND30

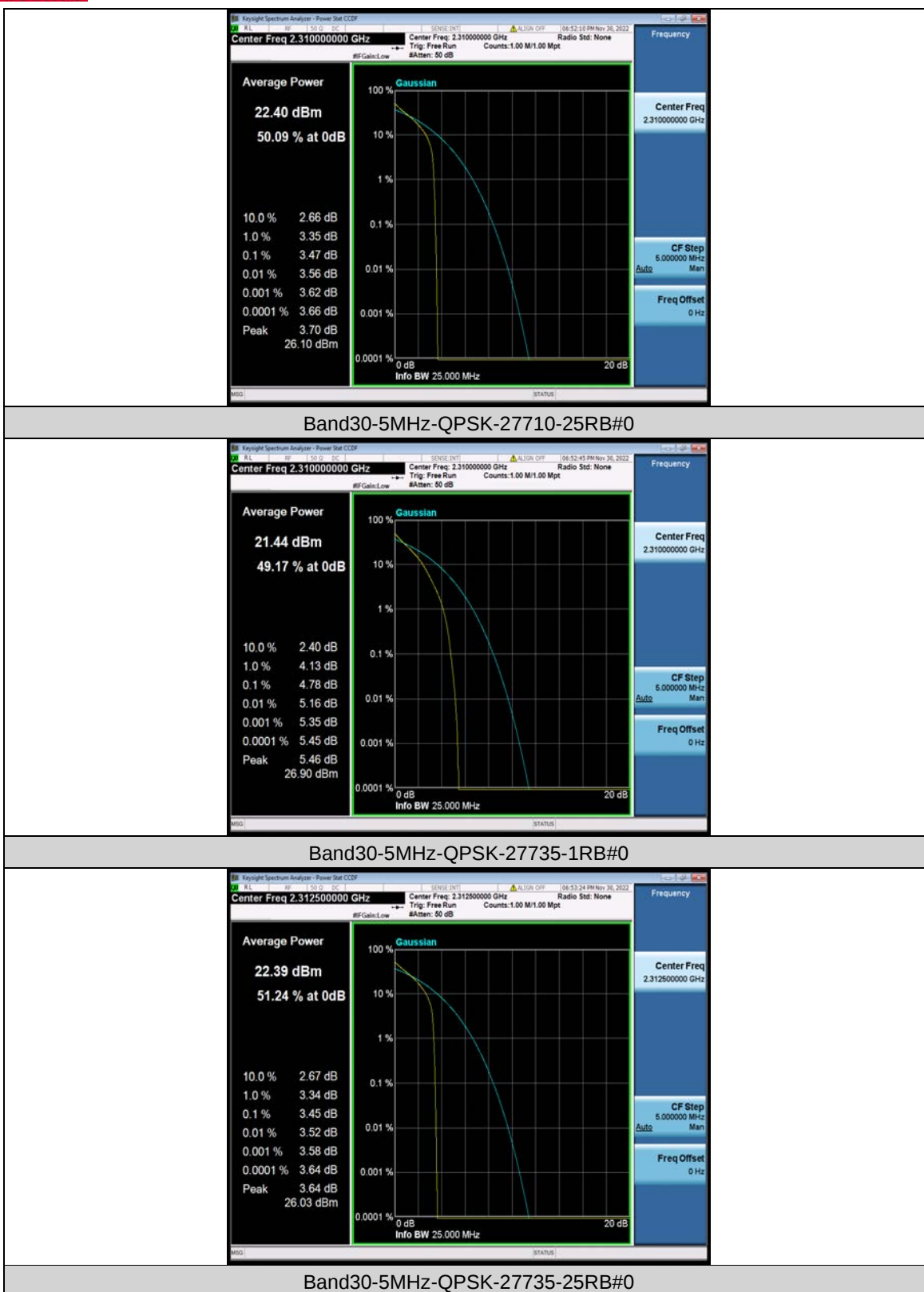
PEAK-TO-AVERAGE RATIO(CCDF)

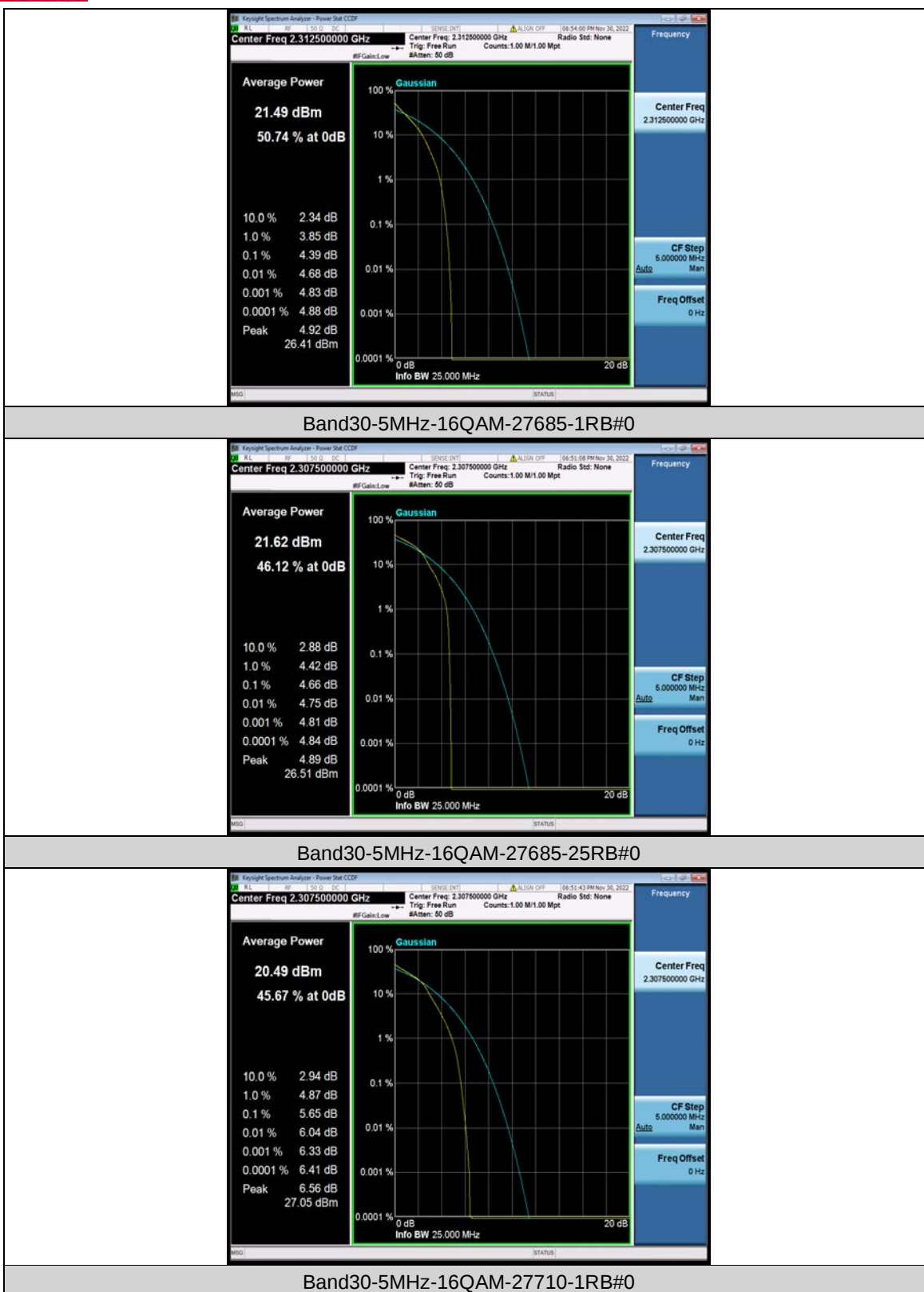
Test Result

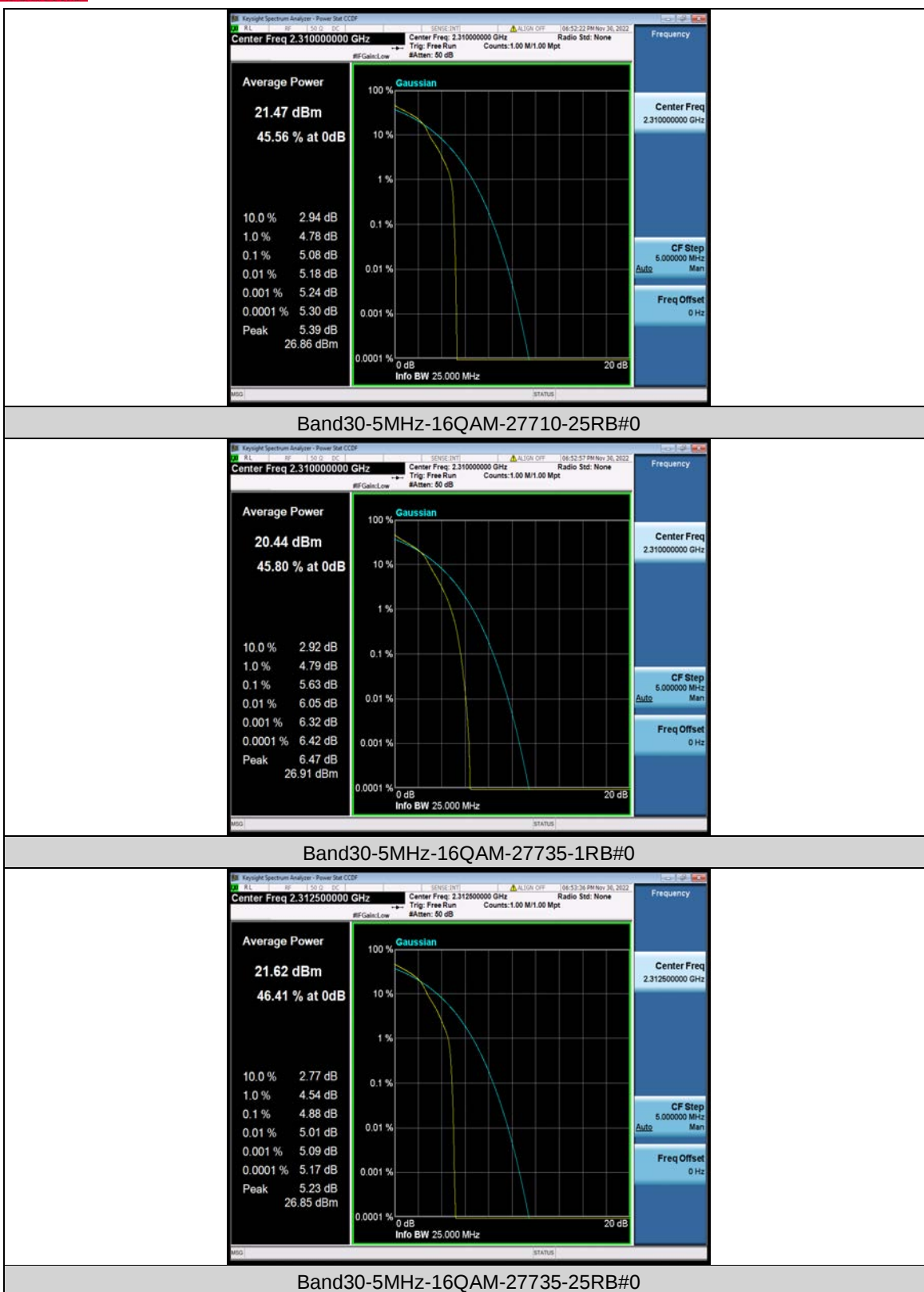
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band30	5MHz	QPSK	27685	1RB#0	3.35	13	PASS
Band30	5MHz	QPSK	27685	25RB#0	4.80	13	PASS
Band30	5MHz	QPSK	27710	1RB#0	3.47	13	PASS
Band30	5MHz	QPSK	27710	25RB#0	4.78	13	PASS
Band30	5MHz	QPSK	27735	1RB#0	3.45	13	PASS
Band30	5MHz	QPSK	27735	25RB#0	4.39	13	PASS
Band30	5MHz	16QAM	27685	1RB#0	4.66	13	PASS
Band30	5MHz	16QAM	27685	25RB#0	5.65	13	PASS
Band30	5MHz	16QAM	27710	1RB#0	5.08	13	PASS
Band30	5MHz	16QAM	27710	25RB#0	5.63	13	PASS
Band30	5MHz	16QAM	27735	1RB#0	4.88	13	PASS
Band30	5MHz	16QAM	27735	25RB#0	5.24	13	PASS
Band30	5MHz	64QAM	27685	1RB#0	5.65	13	PASS
Band30	5MHz	64QAM	27685	25RB#0	6.36	13	PASS
Band30	5MHz	64QAM	27710	1RB#0	5.75	13	PASS
Band30	5MHz	64QAM	27710	25RB#0	6.30	13	PASS
Band30	5MHz	64QAM	27735	1RB#0	6.09	13	PASS
Band30	5MHz	64QAM	27735	25RB#0	6.06	13	PASS
Band30	10MHz	QPSK	27710	1RB#0	3.32	13	PASS
Band30	10MHz	QPSK	27710	50RB#0	4.59	13	PASS
Band30	10MHz	16QAM	27710	1RB#0	4.71	13	PASS
Band30	10MHz	16QAM	27710	50RB#0	5.45	13	PASS
Band30	10MHz	64QAM	27710	1RB#0	5.74	13	PASS
Band30	10MHz	64QAM	27710	50RB#0	6.22	13	PASS

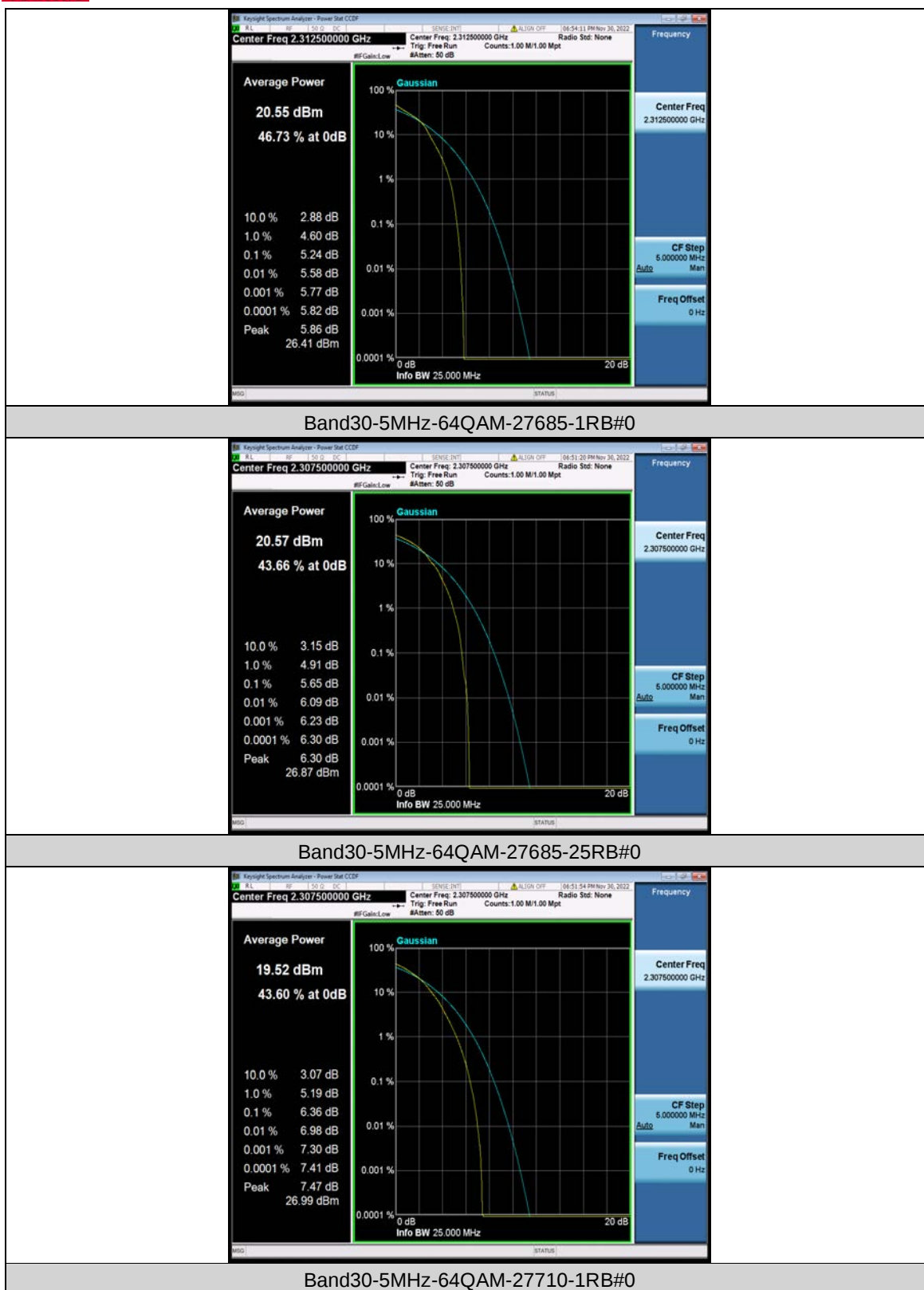
Test Graphs

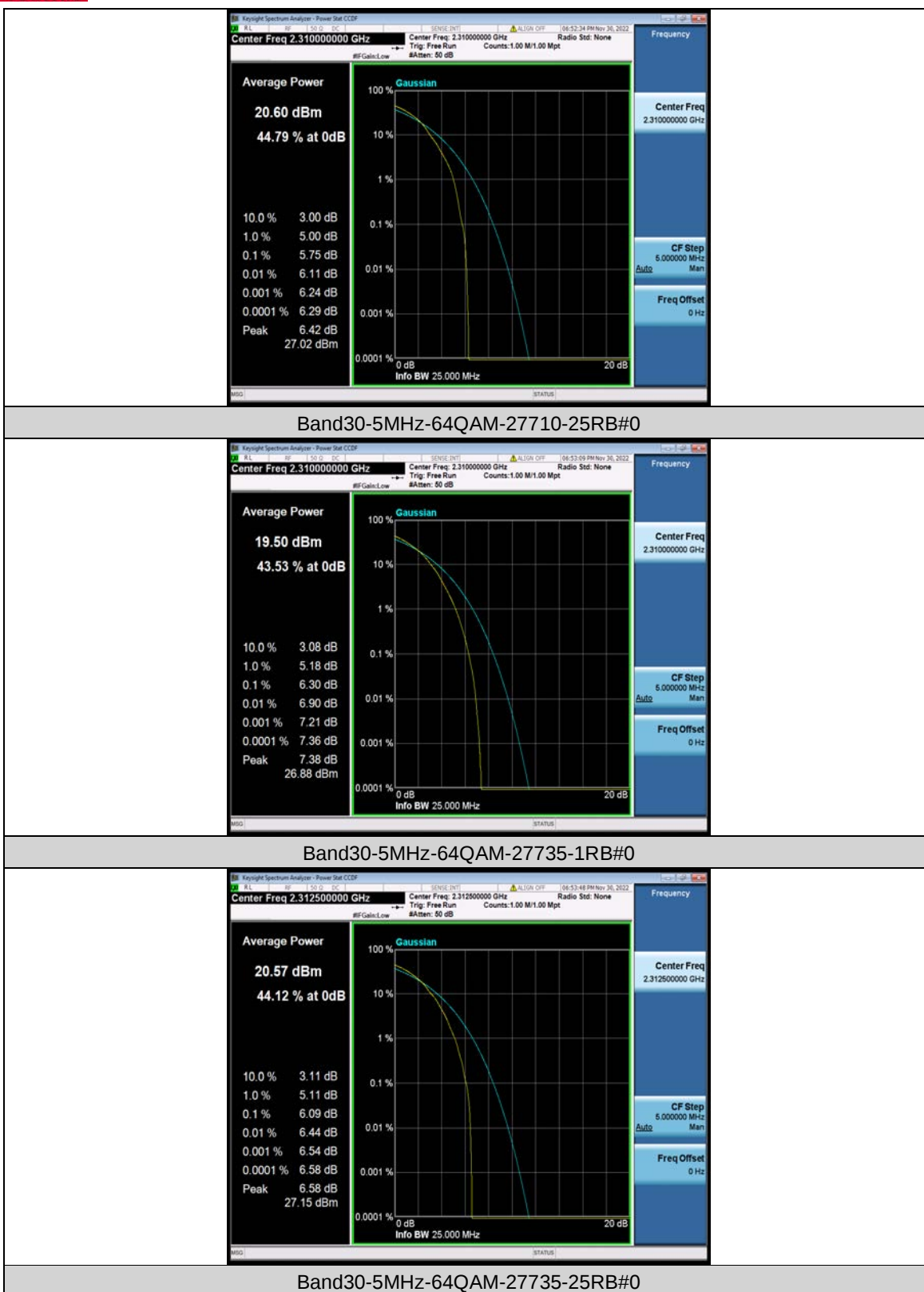


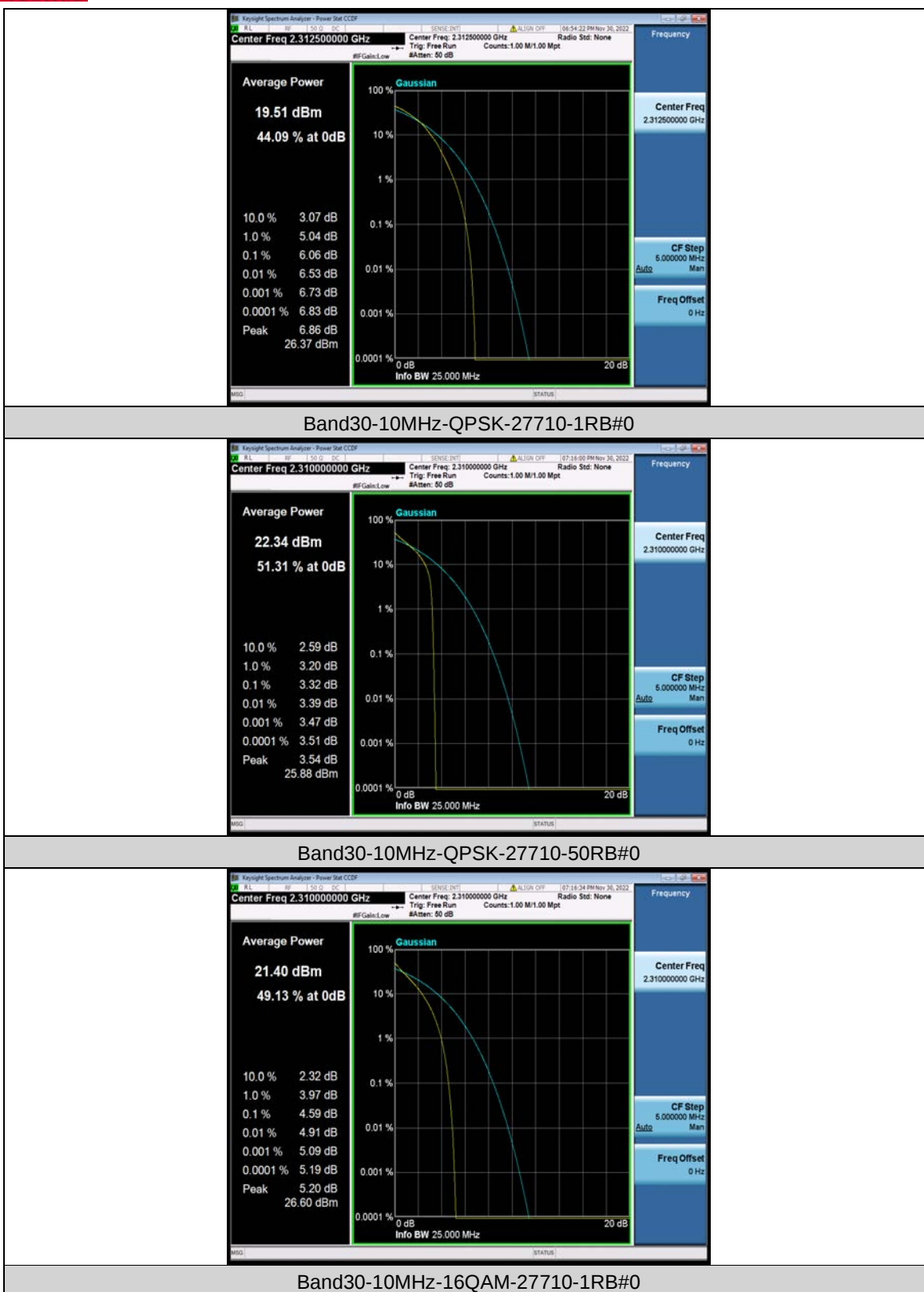


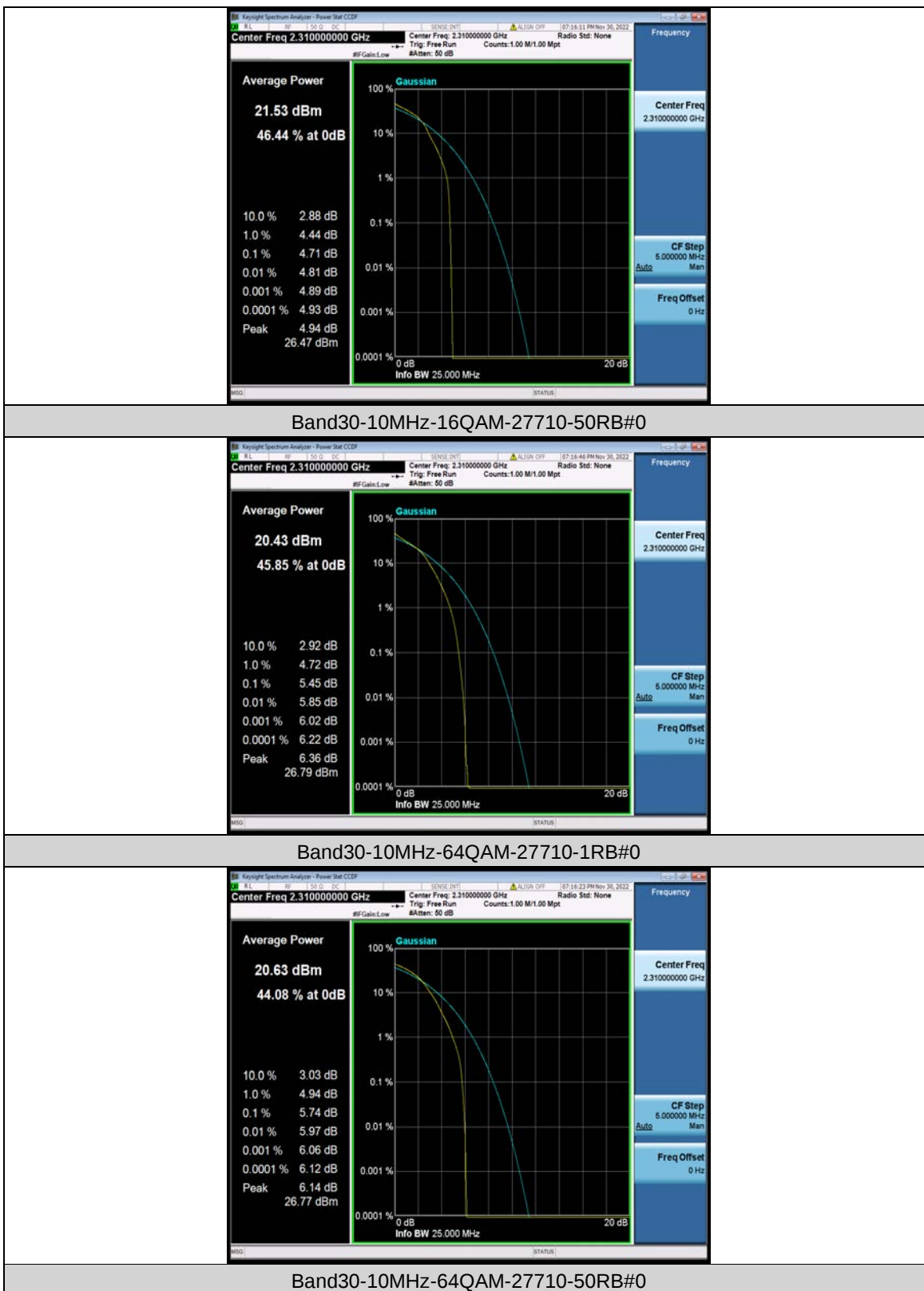


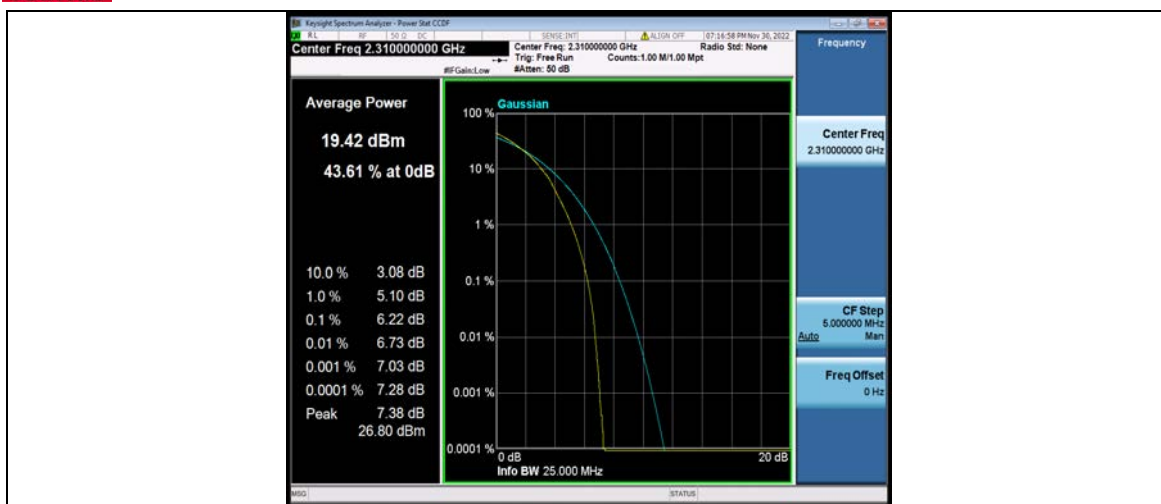












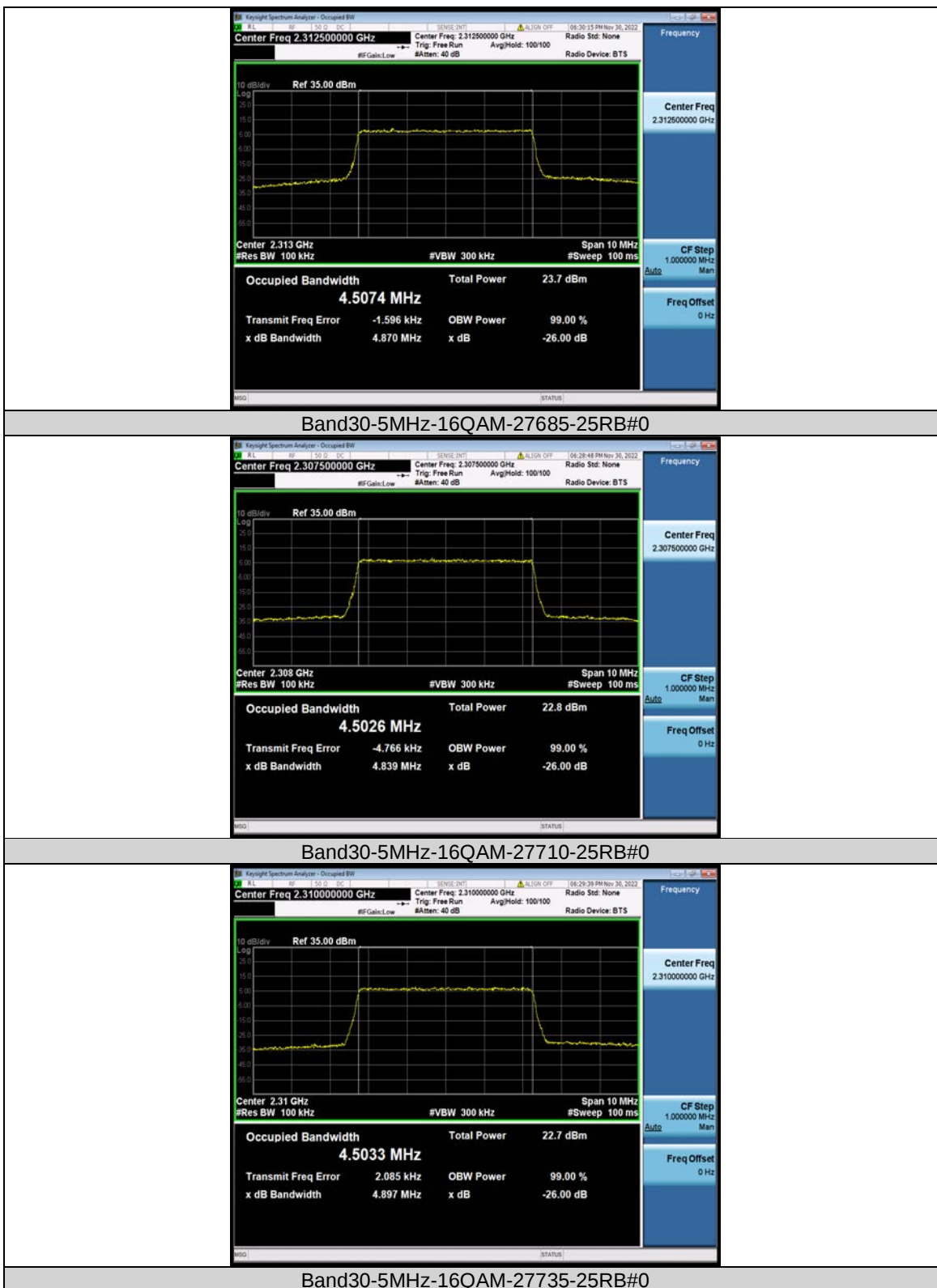
26DB BANDWIDTH AND OCCUPIED BANDWIDTH

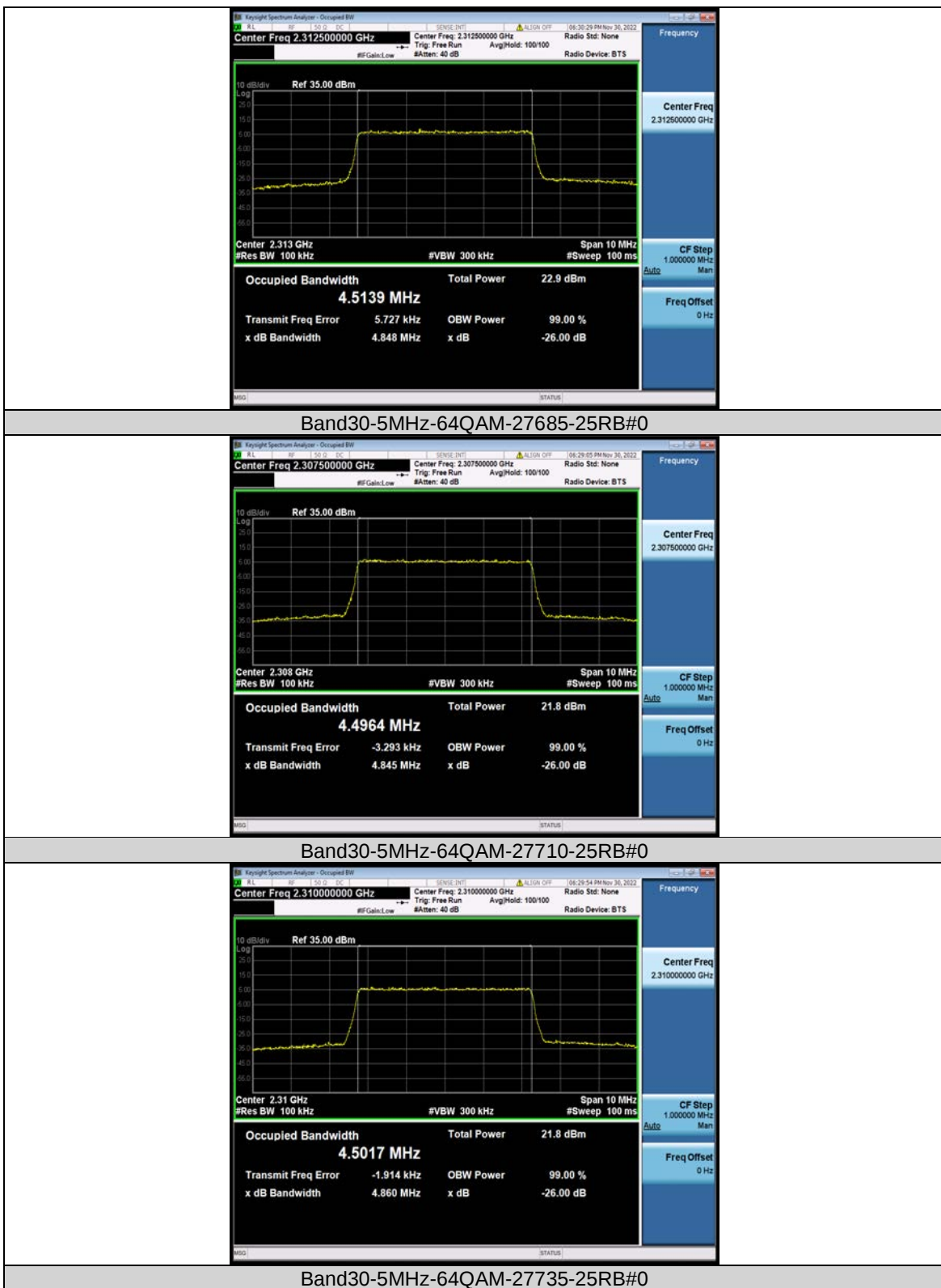
Test Result

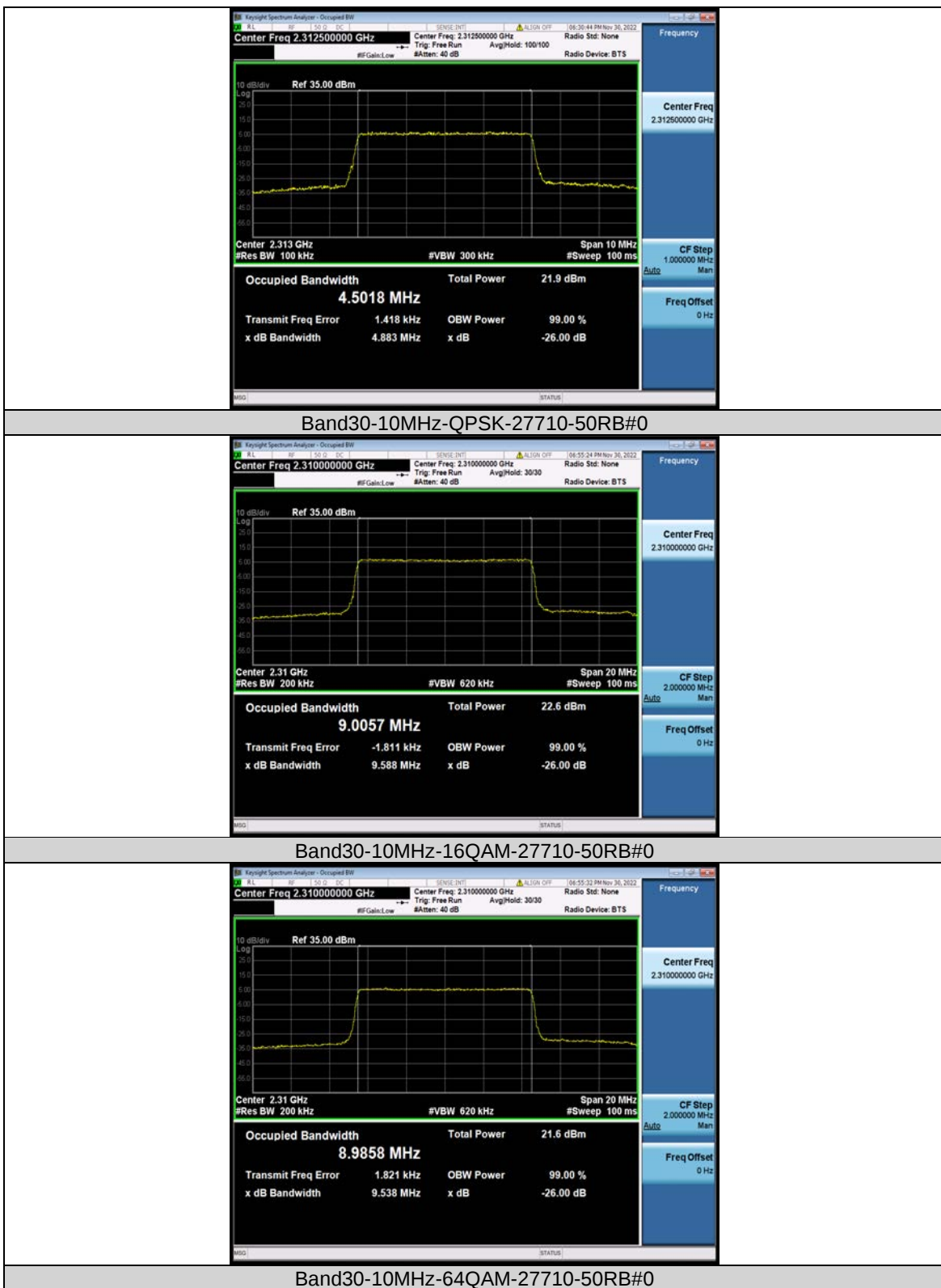
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band30	5MHz	QPSK	27685	25RB#0	4.5060	4.883	PASS
Band30	5MHz	QPSK	27710	25RB#0	4.5014	4.874	PASS
Band30	5MHz	QPSK	27735	25RB#0	4.5074	4.870	PASS
Band30	5MHz	16QAM	27685	25RB#0	4.5026	4.839	PASS
Band30	5MHz	16QAM	27710	25RB#0	4.5033	4.897	PASS
Band30	5MHz	16QAM	27735	25RB#0	4.5139	4.848	PASS
Band30	5MHz	64QAM	27685	25RB#0	4.4964	4.845	PASS
Band30	5MHz	64QAM	27710	25RB#0	4.5017	4.860	PASS
Band30	5MHz	64QAM	27735	25RB#0	4.5018	4.883	PASS
Band30	10MHz	QPSK	27710	50RB#0	9.0057	9.588	PASS
Band30	10MHz	16QAM	27710	50RB#0	8.9858	9.538	PASS
Band30	10MHz	64QAM	27710	50RB#0	8.9853	9.544	PASS

Test Graphs











BAND EDGE

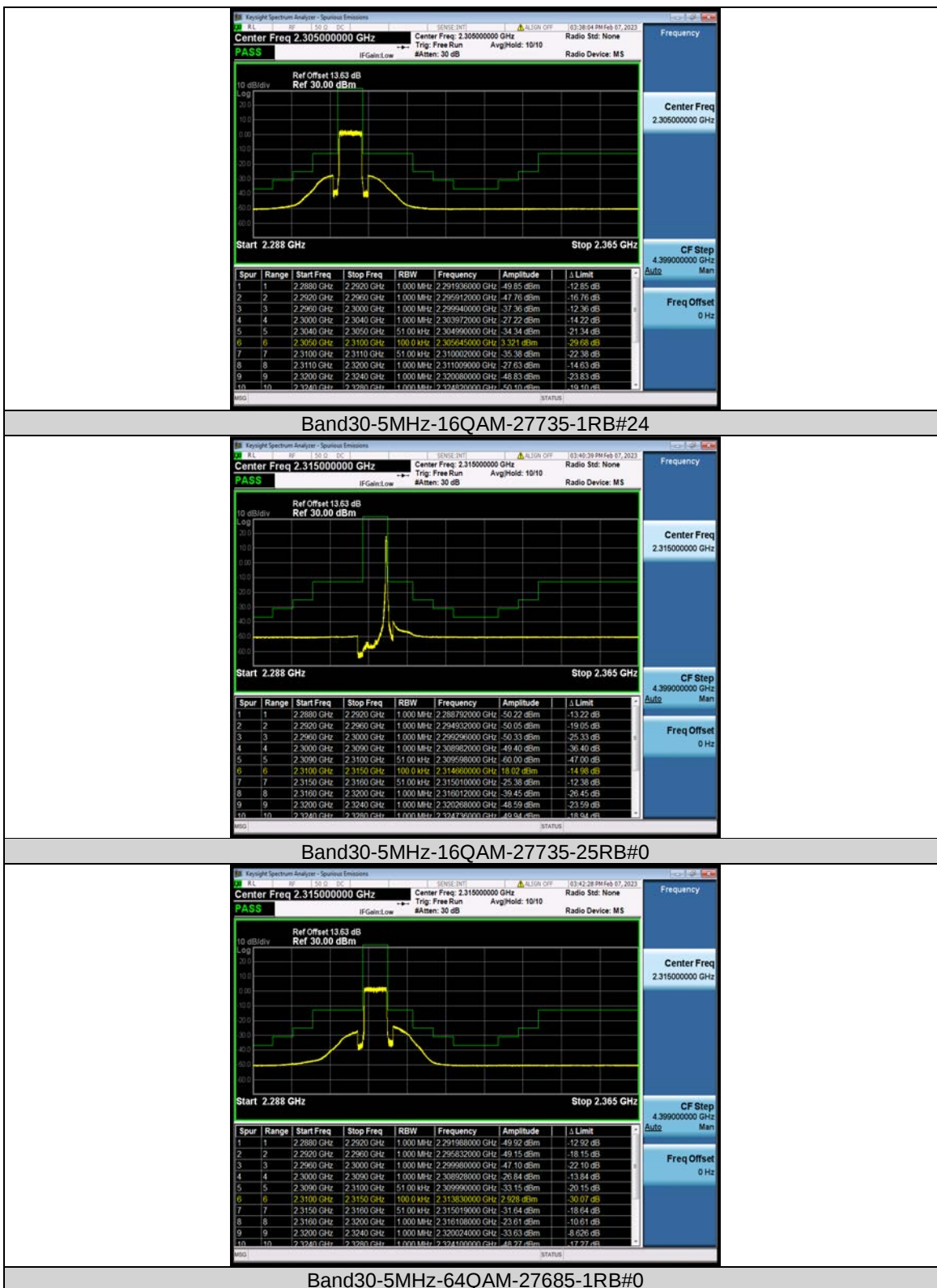
Test Result

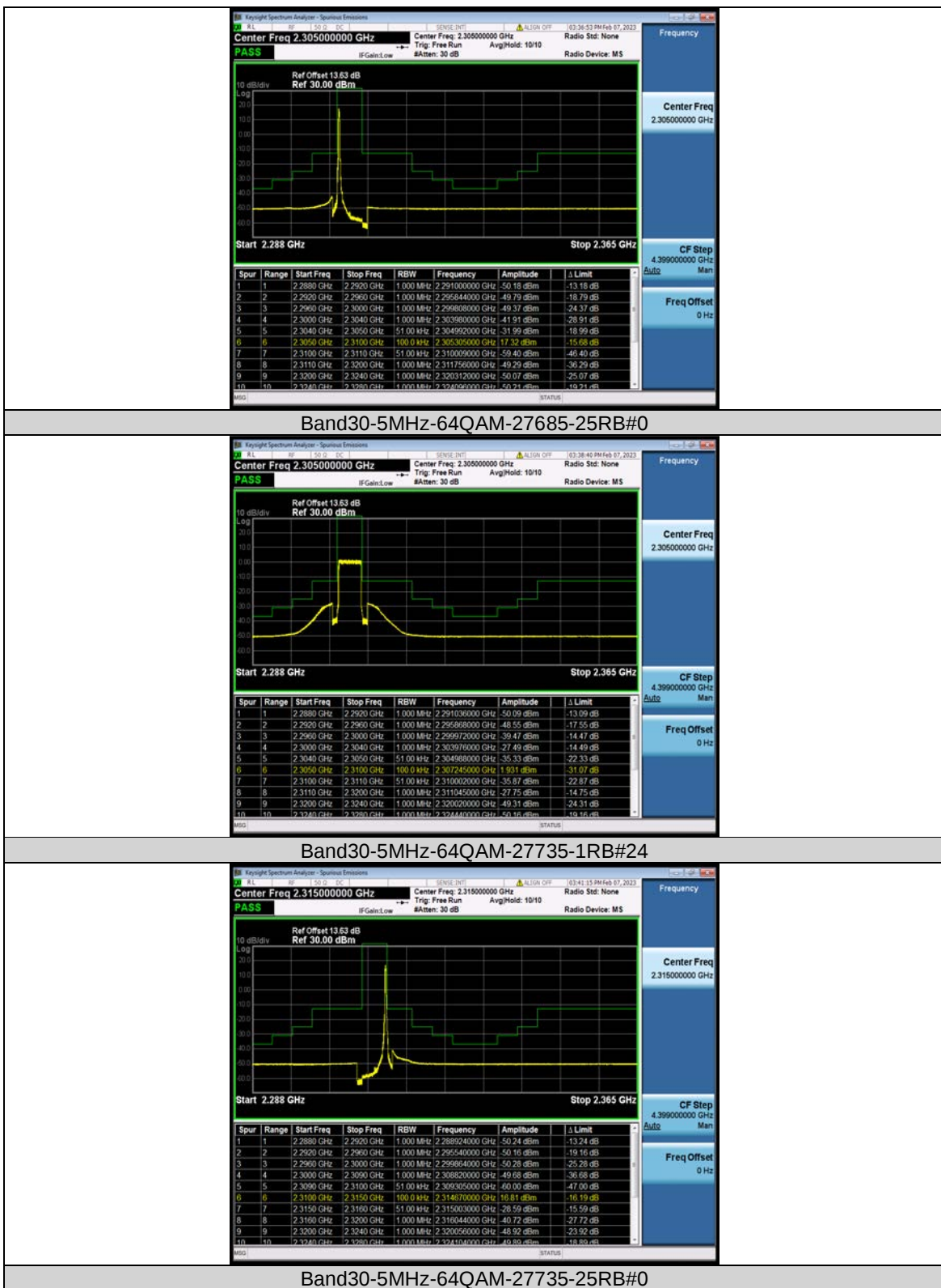
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band30	5MHz	QPSK	27685	1RB#0	-50.17,-49.64,-49.17,-39.65,-28.27	PASS
Band30	5MHz	QPSK	27685	25RB#0	-49.67,-47.79,-36.78,-27.72,-33.19	PASS
Band30	5MHz	QPSK	27735	1RB#24	-24.97,-38.40,-48.32,-49.96,-50.03	PASS
Band30	5MHz	QPSK	27735	25RB#0	-29.60,-22.51,-33.47,-47.93,-50.15	PASS
Band30	5MHz	16QAM	27685	1RB#0	-50.13,-49.77,-49.39,-40.64,-29.26	PASS
Band30	5MHz	16QAM	27685	25RB#0	-49.85,-47.76,-37.36,-27.22,-34.34	PASS
Band30	5MHz	16QAM	27735	1RB#24	-25.38,-39.45,-48.59,-49.94,-50.01	PASS
Band30	5MHz	16QAM	27735	25RB#0	-31.64,-23.61,-33.63,-48.27,-50.02	PASS
Band30	5MHz	64QAM	27685	1RB#0	-50.18,-49.79,-49.37,-41.91,-31.99	PASS
Band30	5MHz	64QAM	27685	25RB#0	-50.09,-48.55,-39.47,-27.49,-35.33	PASS
Band30	5MHz	64QAM	27735	1RB#24	-28.59,-40.72,-48.92,-49.89,-50.00	PASS
Band30	5MHz	64QAM	27735	25RB#0	-34.17,-25.50,-36.20,-48.96,-50.16	PASS
Band30	10MHz	QPSK	27710	1RB#0	-50.08,-49.61,-48.86,-41.20,-40.38	PASS
Band30	10MHz	QPSK	27710	1RB#49	-50.22,-50.11,-50.34,-49.94,-56.11	PASS
Band30	10MHz	QPSK	27710	50RB#0	-44.52,-39.61,-30.69,-27.78,-33.24	PASS
Band30	10MHz	16QAM	27710	1RB#0	-50.17,-49.65,-49.21,-42.29,-41.88	PASS
Band30	10MHz	16QAM	27710	1RB#49	-50.23,-50.06,-50.35,-49.88,-58.79	PASS
Band30	10MHz	16QAM	27710	50RB#0	-45.68,-39.07,-32.52,-30.04,-35.76	PASS
Band30	10MHz	64QAM	27710	1RB#0	-50.16,-49.79,-49.49,-43.60,-42.46	PASS
Band30	10MHz	64QAM	27710	1RB#49	-50.26,-50.08,-50.23,-49.93,-58.78	PASS
Band30	10MHz	64QAM	27710	50RB#0	-46.91,-40.68,-34.25,-31.02,-38.3	PASS

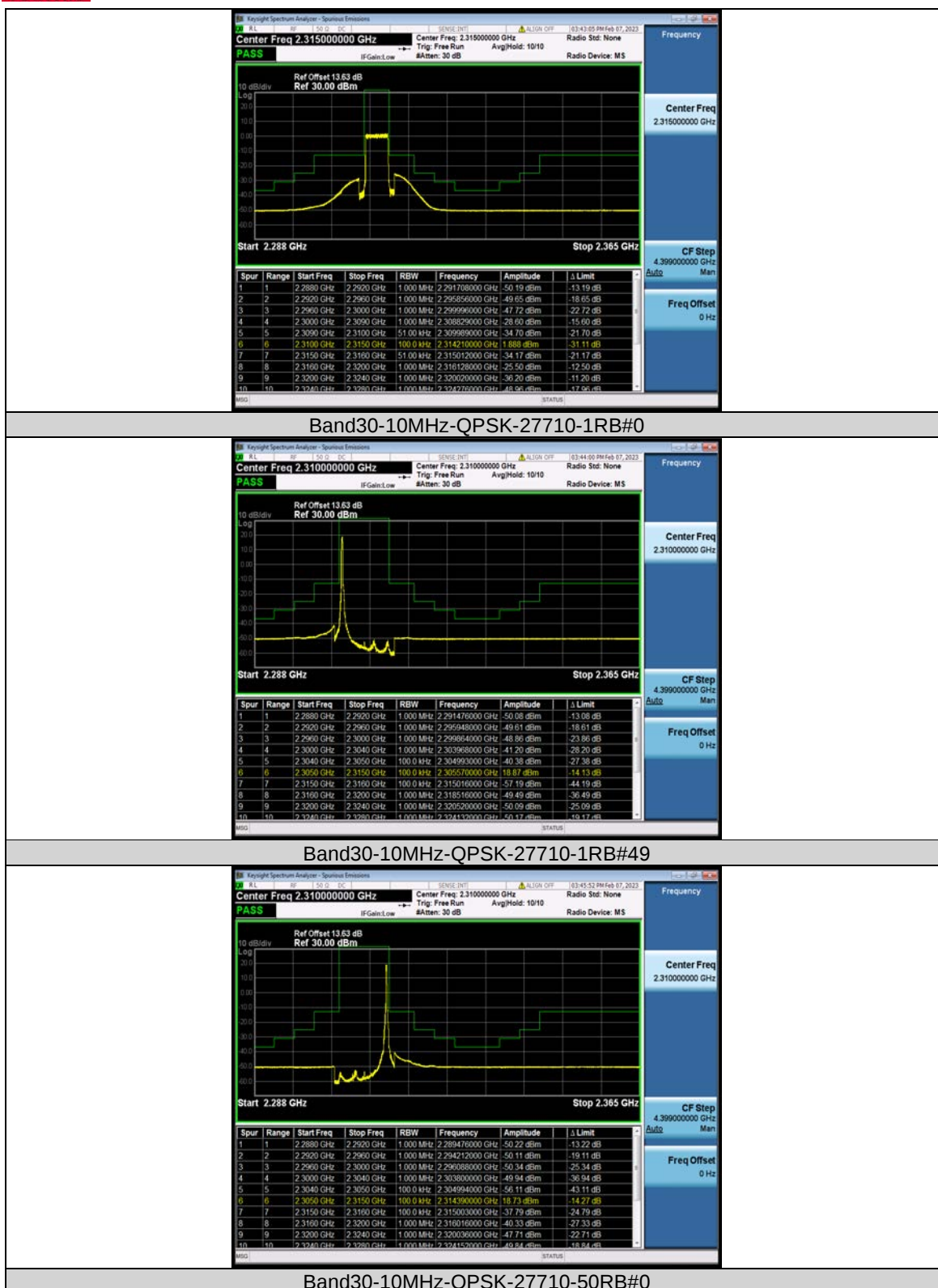
Test Graphs

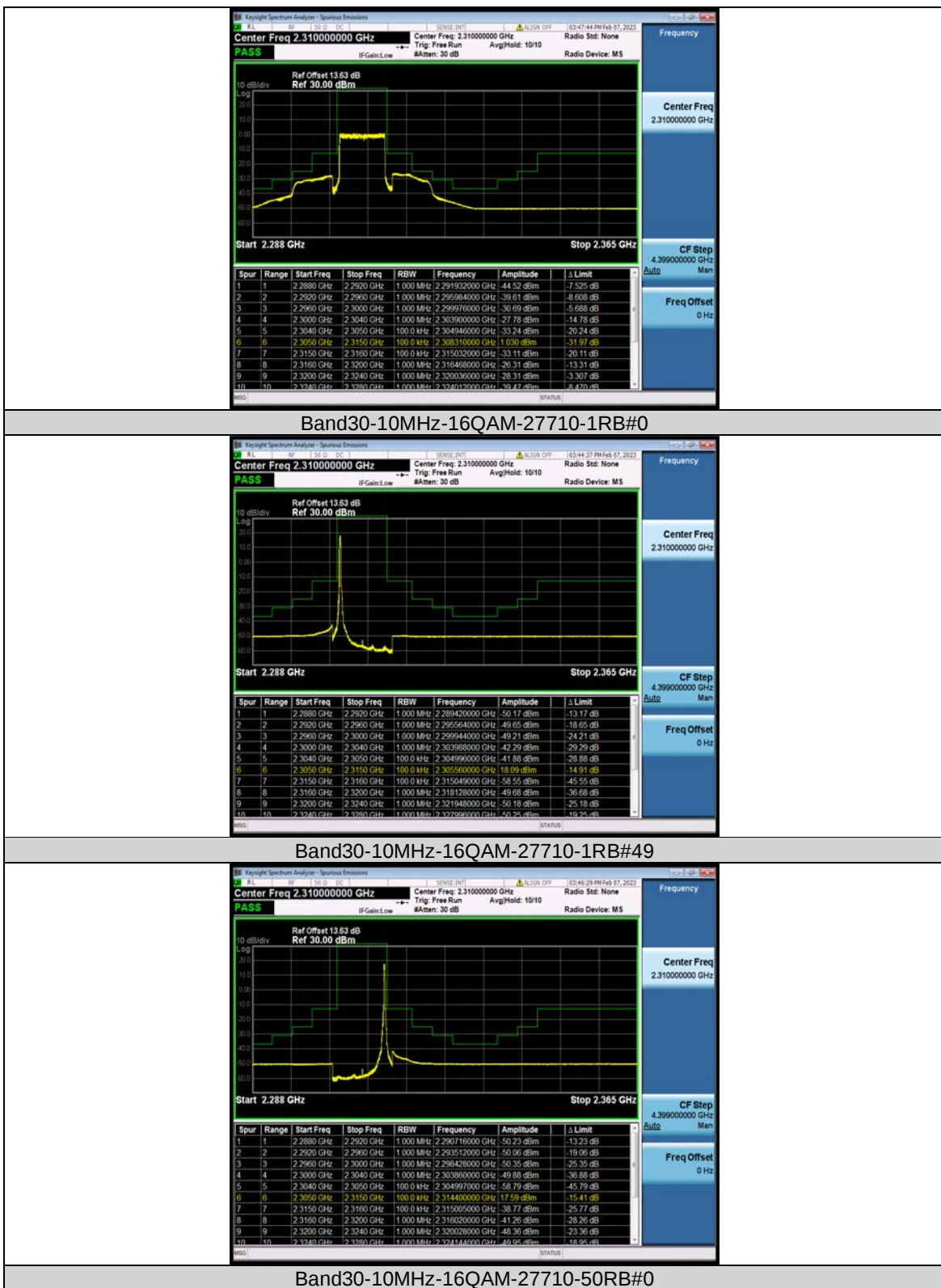


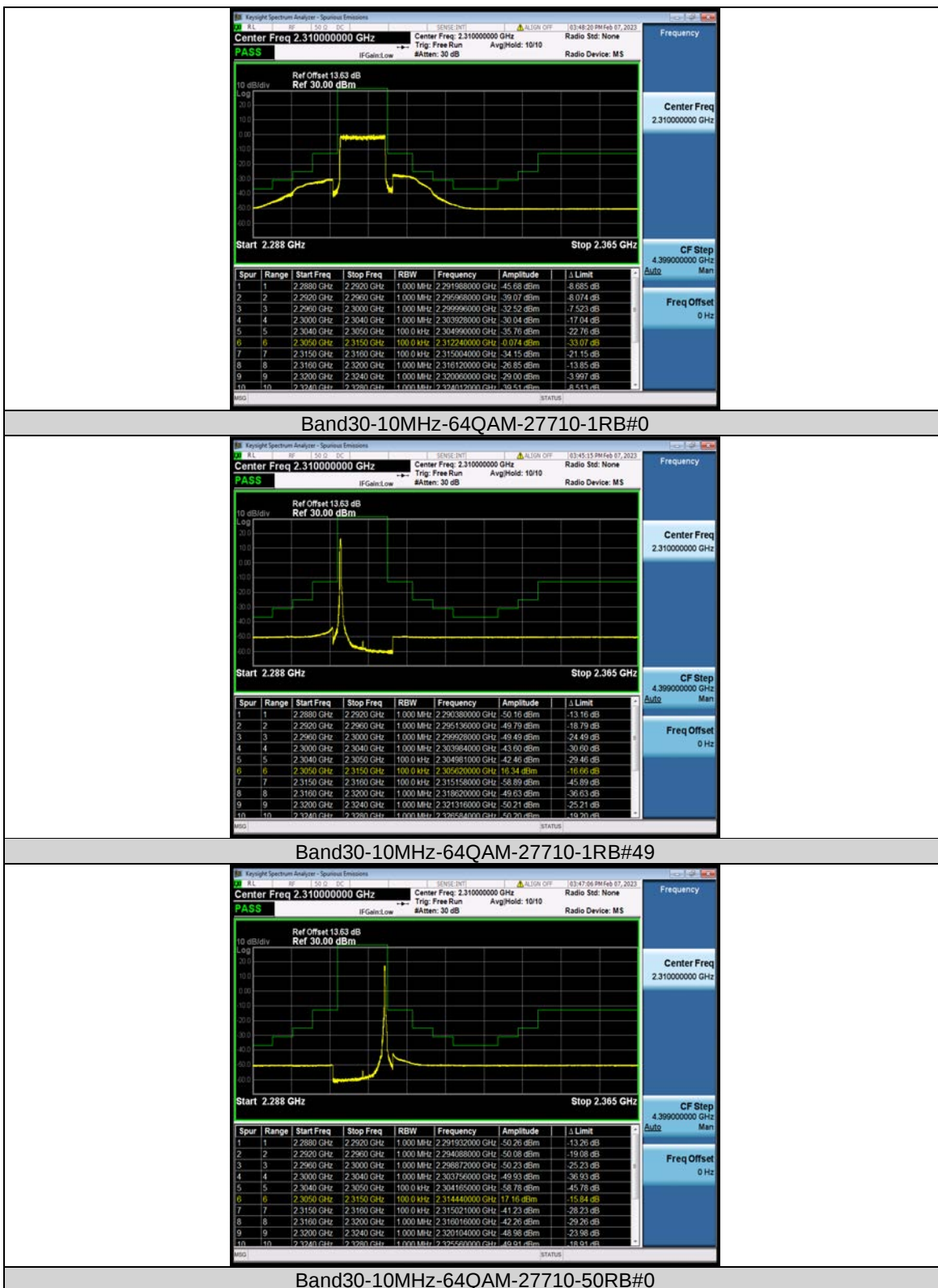














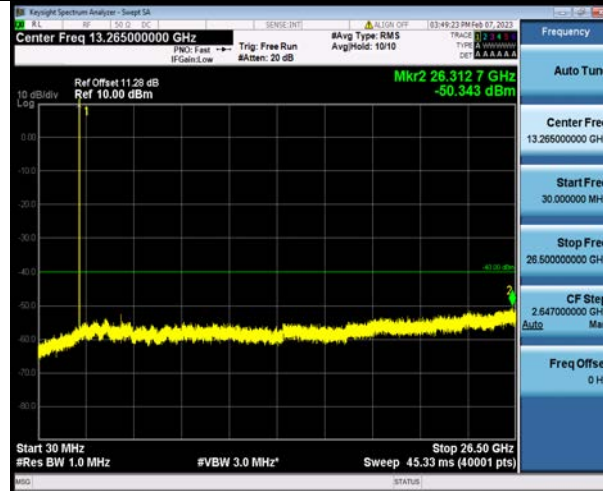
CONDUCTED SPURIOUS EMISSION

Test Result

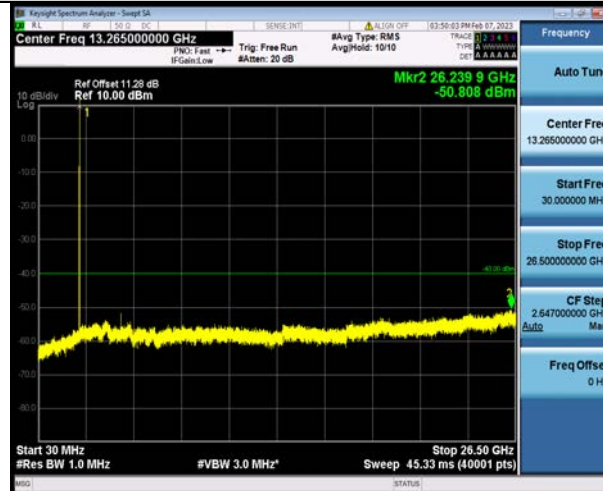
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band30	5MHz	QPSK	27685	1RB#0	Range1:30~26500MHz	-50.34	PASS
Band30	5MHz	QPSK	27710	1RB#0	Range1:30~26500MHz	-50.81	PASS
Band30	5MHz	QPSK	27735	1RB#0	Range1:30~26500MHz	-50.41	PASS
Band30	5MHz	16QAM	27685	1RB#0	Range1:30~26500MHz	-50.86	PASS
Band30	5MHz	16QAM	27710	1RB#0	Range1:30~26500MHz	-50.95	PASS
Band30	5MHz	16QAM	27735	1RB#0	Range1:30~26500MHz	-50.83	PASS
Band30	5MHz	64QAM	27685	1RB#0	Range1:30~26500MHz	-50.61	PASS
Band30	5MHz	64QAM	27710	1RB#0	Range1:30~26500MHz	-50.82	PASS
Band30	5MHz	64QAM	27735	1RB#0	Range1:30~26500MHz	-50.13	PASS
Band30	10MHz	QPSK	27710	1RB#0	Range1:30~26500MHz	-50.34	PASS
Band30	10MHz	16QAM	27710	1RB#0	Range1:30~26500MHz	-50.6	PASS
Band30	10MHz	64QAM	27710	1RB#0	Range1:30~26500MHz	-50.63	PASS

Test Graphs

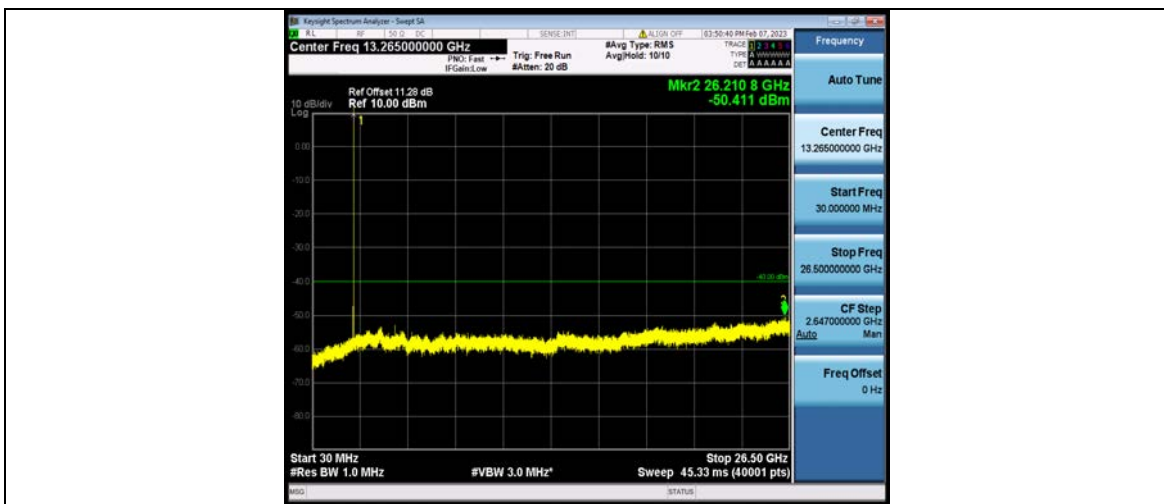
Band30-5MHz-QPSK-27685-1RB#0-Range1:30~26500MHz



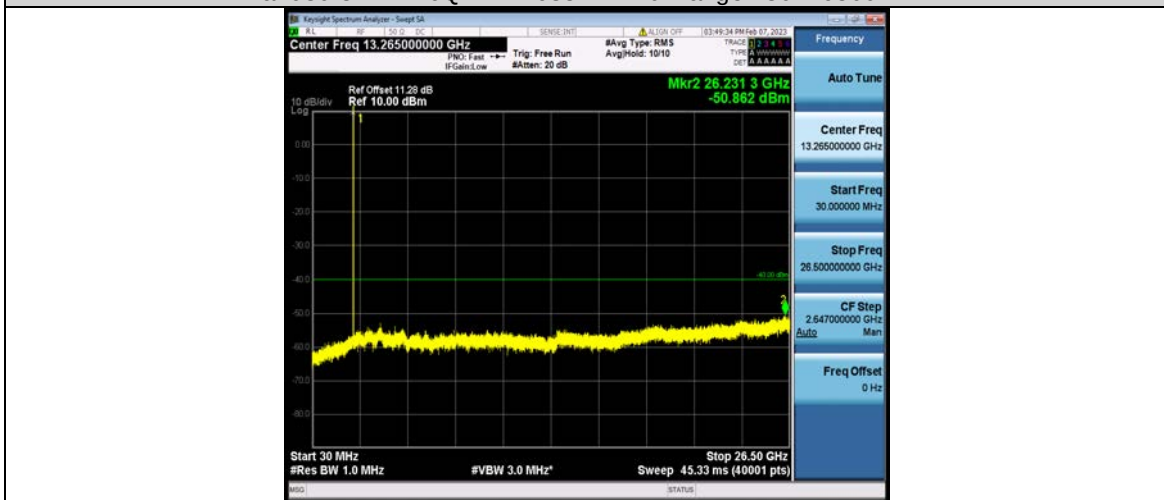
Band30-5MHz-QPSK-27710-1RB#0-Range1:30~26500MHz



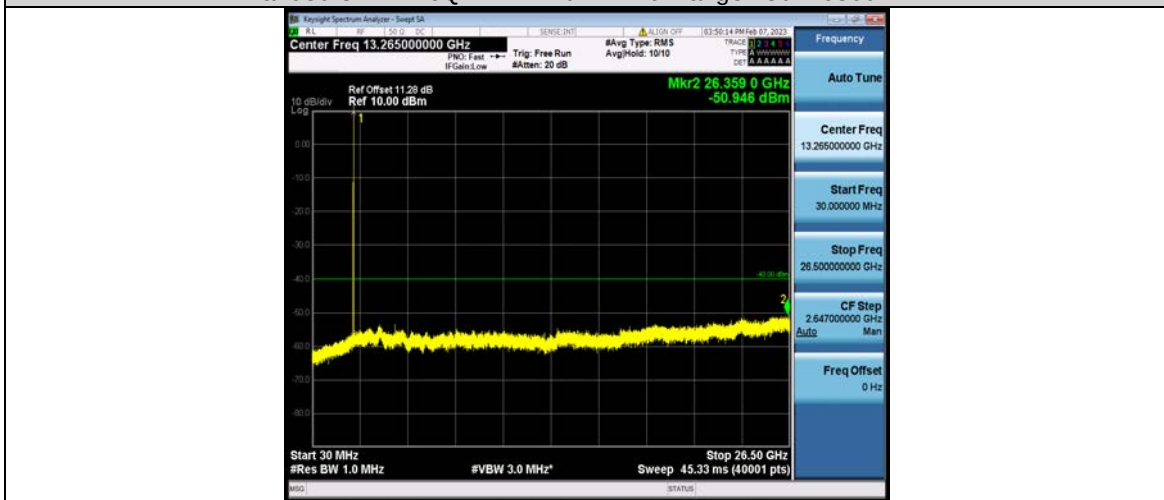
Band30-5MHz-QPSK-27735-1RB#0-Range1:30~26500MHz



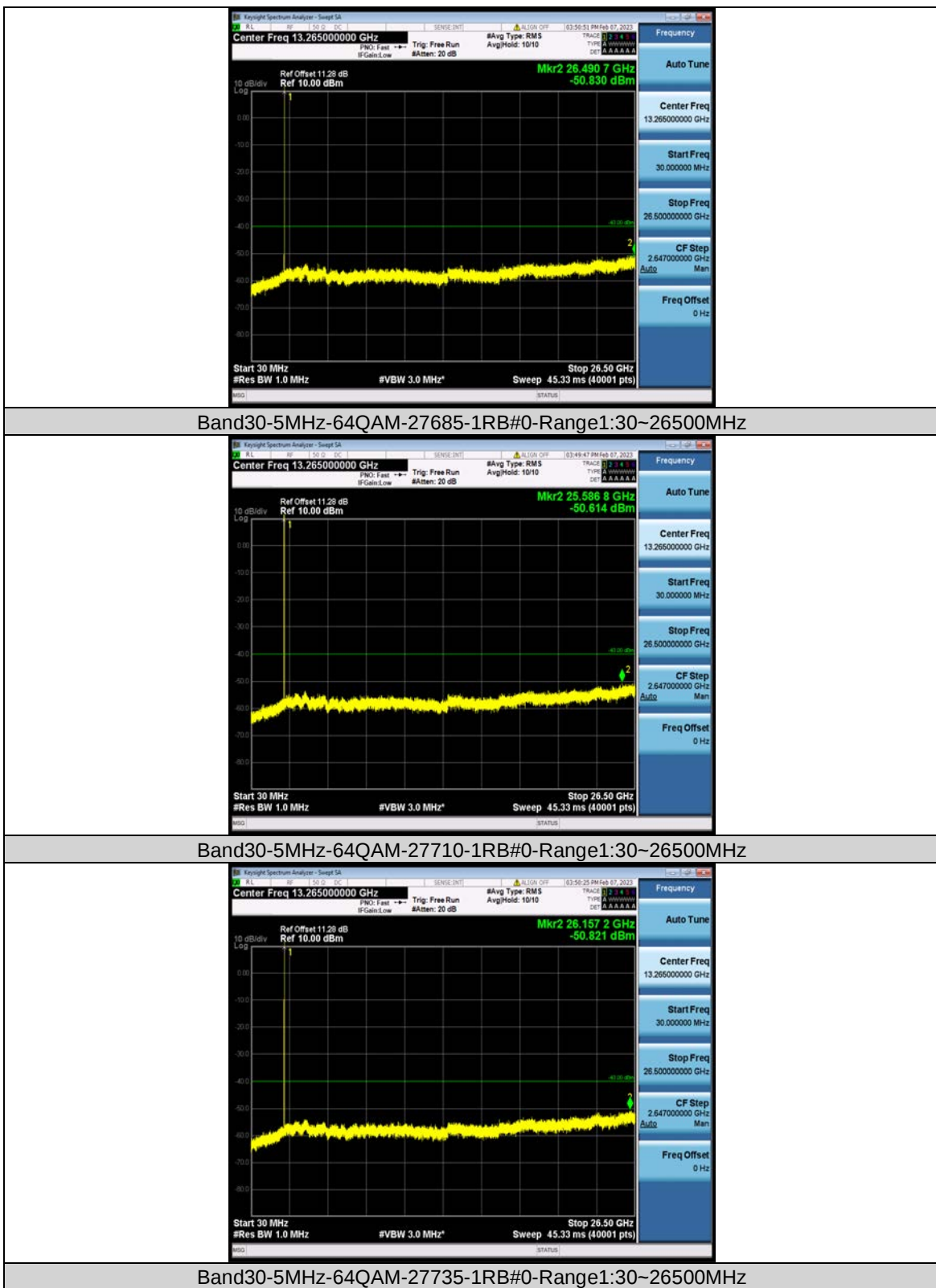
Band30-5MHz-16QAM-27685-1RB#0-Range1:30~26500MHz

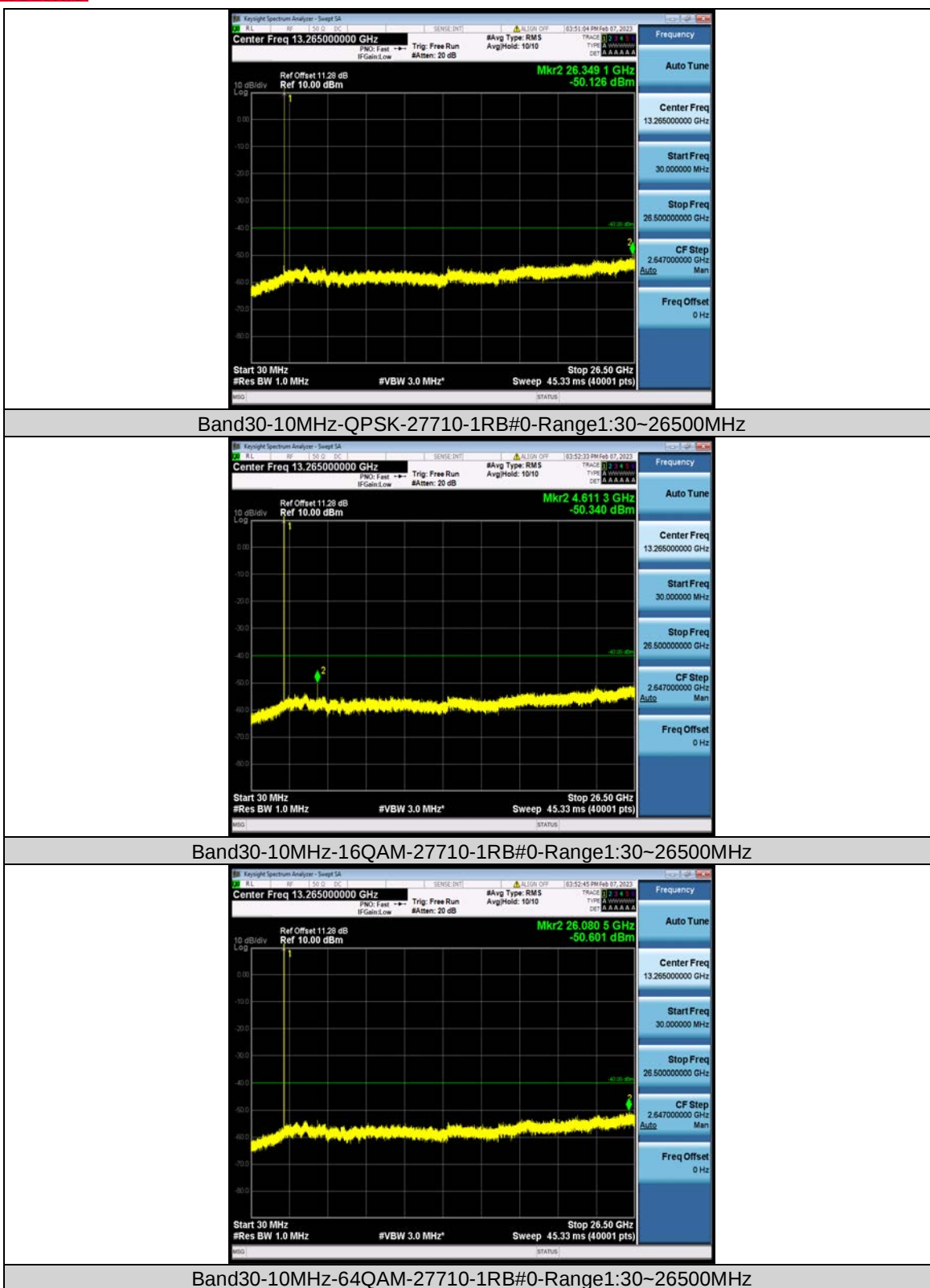


Band30-5MHz-16QAM-27710-1RB#0-Range1:30~26500MHz



Band30-5MHz-16QAM-27735-1RB#0-Range1:30~26500MHz







FREQUENCY STABILITY

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band30	5MHz	QPSK	27685	25RB#0	VL	NT	4.58	0.001985	±2.5	PASS
Band30	5MHz	QPSK	27685	25RB#0	VN	NT	-2.93	-0.001270	±2.5	PASS
Band30	5MHz	QPSK	27685	25RB#0	VH	NT	-3.81	-0.001651	±2.5	PASS
Band30	5MHz	QPSK	27710	25RB#0	VL	NT	3.46	0.001498	±2.5	PASS
Band30	5MHz	QPSK	27710	25RB#0	VN	NT	4.08	0.001766	±2.5	PASS
Band30	5MHz	QPSK	27710	25RB#0	VH	NT	4.91	0.002126	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	VL	NT	3.60	0.001557	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	VN	NT	-3.98	-0.001721	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	VH	NT	2.50	0.001081	±2.5	PASS
Band30	5MHz	16QAM	27685	25RB#0	VL	NT	-2.69	-0.001166	±2.5	PASS
Band30	5MHz	16QAM	27685	25RB#0	VN	NT	-3.66	-0.001586	±2.5	PASS
Band30	5MHz	16QAM	27685	25RB#0	VH	NT	-2.36	-0.001023	±2.5	PASS
Band30	5MHz	16QAM	27710	25RB#0	VL	NT	3.19	0.001381	±2.5	PASS
Band30	5MHz	16QAM	27710	25RB#0	VN	NT	2.49	0.001078	±2.5	PASS
Band30	5MHz	16QAM	27710	25RB#0	VH	NT	-5.19	-0.002247	±2.5	PASS
Band30	5MHz	16QAM	27735	25RB#0	VL	NT	3.66	0.001583	±2.5	PASS
Band30	5MHz	16QAM	27735	25RB#0	VN	NT	3.75	0.001622	±2.5	PASS
Band30	5MHz	16QAM	27735	25RB#0	VH	NT	-2.66	-0.001150	±2.5	PASS
Band30	5MHz	64QAM	27685	25RB#0	VL	NT	-2.07	-0.000897	±2.5	PASS
Band30	5MHz	64QAM	27685	25RB#0	VN	NT	1.80	0.000780	±2.5	PASS
Band30	5MHz	64QAM	27685	25RB#0	VH	NT	3.09	0.001339	±2.5	PASS
Band30	5MHz	64QAM	27710	25RB#0	VL	NT	2.17	0.000939	±2.5	PASS



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0										
Band3 0	5MHz	64QAM	27710	25RB#0	VN	NT	-3.66	-0.001584	±2.5	PASS
Band3 0	5MHz	64QAM	27710	25RB#0	VH	NT	-2.99	-0.001294	±2.5	PASS
Band3 0	5MHz	64QAM	27735	25RB#0	VL	NT	-2.73	-0.001181	±2.5	PASS
Band3 0	5MHz	64QAM	27735	25RB#0	VN	NT	2.98	0.001289	±2.5	PASS
Band3 0	5MHz	64QAM	27735	25RB#0	VH	NT	-2.40	-0.001038	±2.5	PASS
Band3 0	10MHz	QPSK	27710	50RB#0	VL	NT	3.02	0.001307	±2.5	PASS
Band3 0	10MHz	QPSK	27710	50RB#0	VN	NT	2.05	0.000887	±2.5	PASS
Band3 0	10MHz	QPSK	27710	50RB#0	VH	NT	2.66	0.001152	±2.5	PASS
Band3 0	10MHz	16QAM	27710	50RB#0	VL	NT	4.12	0.001784	±2.5	PASS
Band3 0	10MHz	16QAM	27710	50RB#0	VN	NT	2.00	0.000866	±2.5	PASS
Band3 0	10MHz	16QAM	27710	50RB#0	VH	NT	2.76	0.001195	±2.5	PASS
Band3 0	10MHz	64QAM	27710	50RB#0	VL	NT	-3.82	-0.001654	±2.5	PASS
Band3 0	10MHz	64QAM	27710	50RB#0	VN	NT	-4.66	-0.002017	±2.5	PASS
Band3 0	10MHz	64QAM	27710	50RB#0	VH	NT	-2.49	-0.001078	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band3 0	5MHz	QPSK	27685	25RB#0	NV	-30	-1.49	-0.000646	±2.5	PASS
Band3 0	5MHz	QPSK	27685	25RB#0	NV	-20	-3.02	-0.001309	±2.5	PASS
Band3 0	5MHz	QPSK	27685	25RB#0	NV	0	2.60	0.001127	±2.5	PASS
Band3 0	5MHz	QPSK	27685	25RB#0	NV	10	1.83	0.000793	±2.5	PASS
Band3 0	5MHz	QPSK	27685	25RB#0	NV	20	2.49	0.001079	±2.5	PASS
Band3 0	5MHz	QPSK	27685	25RB#0	NV	30	2.62	0.001125	±2.5	PASS
Band3 0	5MHz	QPSK	27685	25RB#0	NV	40	1.82	0.000792	±2.5	PASS
Band3 0	5MHz	QPSK	27685	25RB#0	NV	50	2.45	0.001073	±2.5	PASS
Band3 0	5MHz	QPSK	27710	25RB#0	NV	-30	-3.12	-0.001351	±2.5	PASS
Band3 0	5MHz	QPSK	27710	25RB#0	NV	-20	3.00	0.001299	±2.5	PASS



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Band3 0	5MHz	QPSK	27710	25RB#0	NV	0	4.19	0.001814	±2.5	PASS
Band3 0	5MHz	QPSK	27710	25RB#0	NV	10	-2.76	-0.001195	±2.5	PASS
Band3 0	5MHz	QPSK	27710	25RB#0	NV	20	3.36	0.001455	±2.5	PASS
Band3 0	5MHz	QPSK	27710	25RB#0	NV	30	-3.11	-0.001350	±2.5	PASS
Band3 0	5MHz	QPSK	27710	25RB#0	NV	40	3.03	0.001302	±2.5	PASS
Band3 0	5MHz	QPSK	27710	25RB#0	NV	50	-2.75	-0.001193	±2.5	PASS
Band3 0	5MHz	QPSK	27735	25RB#0	NV	-30	2.33	0.001008	±2.5	PASS
Band3 0	5MHz	QPSK	27735	25RB#0	NV	-20	-3.53	-0.001526	±2.5	PASS
Band3 0	5MHz	QPSK	27735	25RB#0	NV	0	2.90	0.001254	±2.5	PASS
Band3 0	5MHz	QPSK	27735	25RB#0	NV	10	2.79	0.001206	±2.5	PASS
Band3 0	5MHz	QPSK	27735	25RB#0	NV	20	-3.65	-0.001578	±2.5	PASS
Band3 0	5MHz	QPSK	27735	25RB#0	NV	30	2.23	0.000908	±2.5	PASS
Band3 0	5MHz	QPSK	27735	25RB#0	NV	40	-3.51	-0.001522	±2.5	PASS
Band3 0	5MHz	QPSK	27735	25RB#0	NV	50	2.83	0.001213	±2.5	PASS
Band3 0	5MHz	16QAM	27685	25RB#0	NV	-30	2.29	0.000992	±2.5	PASS
Band3 0	5MHz	16QAM	27685	25RB#0	NV	-20	2.23	0.000966	±2.5	PASS
Band3 0	5MHz	16QAM	27685	25RB#0	NV	0	3.13	0.001356	±2.5	PASS
Band3 0	5MHz	16QAM	27685	25RB#0	NV	10	5.61	0.002431	±2.5	PASS
Band3 0	5MHz	16QAM	27685	25RB#0	NV	20	2.96	0.001283	±2.5	PASS
Band3 0	5MHz	16QAM	27685	25RB#0	NV	30	4.29	0.001855	±2.5	PASS
Band3 0	5MHz	16QAM	27685	25RB#0	NV	40	3.13	0.001354	±2.5	PASS
Band3 0	5MHz	16QAM	27685	25RB#0	NV	50	3.55	0.001535	±2.5	PASS
Band3 0	5MHz	16QAM	27710	25RB#0	NV	-30	2.66	0.001152	±2.5	PASS
Band3 0	5MHz	16QAM	27710	25RB#0	NV	-20	-2.16	-0.000935	±2.5	PASS
Band3 0	5MHz	16QAM	27710	25RB#0	NV	0	-5.54	-0.002398	±2.5	PASS
Band3 0	5MHz	16QAM	27710	25RB#0	NV	10	-3.02	-0.001307	±2.5	PASS
Band3	5MHz	16QAM	27710	25RB#0	NV	20	-2.42	-0.001048	±2.5	PASS



Test Report No.: W7L-P23100014RF06

0										
Band3 0	5MHz	16QAM	27710	25RB#0	NV	30	-2.75	-0.001190	±2.5	PASS
Band3 0	5MHz	16QAM	27710	25RB#0	NV	40	-2.63	-0.001139	±2.5	PASS
Band3 0	5MHz	16QAM	27710	25RB#0	NV	50	3.03	0.001310	±2.5	PASS
Band3 0	5MHz	16QAM	27735	25RB#0	NV	-30	3.35	0.001449	±2.5	PASS
Band3 0	5MHz	16QAM	27735	25RB#0	NV	-20	4.29	0.001855	±2.5	PASS
Band3 0	5MHz	16QAM	27735	25RB#0	NV	0	3.13	0.001354	±2.5	PASS
Band3 0	5MHz	16QAM	27735	25RB#0	NV	10	-2.15	-0.000931	±2.5	PASS
Band3 0	5MHz	16QAM	27735	25RB#0	NV	20	-3.02	-0.001307	±2.5	PASS
Band3 0	5MHz	16QAM	27735	25RB#0	NV	30	-2.79	-0.001208	±2.5	PASS
Band3 0	5MHz	16QAM	27735	25RB#0	NV	40	3.55	0.001535	±2.5	PASS
Band3 0	5MHz	16QAM	27735	25RB#0	NV	50	3.50	0.001514	±2.5	PASS
Band3 0	5MHz	64QAM	27685	25RB#0	NV	-30	-3.23	-0.001400	±2.5	PASS
Band3 0	5MHz	64QAM	27685	25RB#0	NV	-20	3.18	0.001378	±2.5	PASS
Band3 0	5MHz	64QAM	27685	25RB#0	NV	0	3.43	0.001486	±2.5	PASS
Band3 0	5MHz	64QAM	27685	25RB#0	NV	10	2.90	0.001257	±2.5	PASS
Band3 0	5MHz	64QAM	27685	25RB#0	NV	20	1.93	0.000836	±2.5	PASS
Band3 0	5MHz	64QAM	27685	25RB#0	NV	30	-2.63	-0.001139	±2.5	PASS
Band3 0	5MHz	64QAM	27685	25RB#0	NV	40	3.03	0.001310	±2.5	PASS
Band3 0	5MHz	64QAM	27685	25RB#0	NV	50	-4.78	-0.002067	±2.5	PASS
Band3 0	5MHz	64QAM	27710	25RB#0	NV	-30	-3.79	-0.001641	±2.5	PASS
Band3 0	5MHz	64QAM	27710	25RB#0	NV	-20	2.23	0.000965	±2.5	PASS
Band3 0	5MHz	64QAM	27710	25RB#0	NV	0	-3.12	-0.001351	±2.5	PASS
Band3 0	5MHz	64QAM	27710	25RB#0	NV	10	-2.75	-0.001190	±2.5	PASS
Band3 0	5MHz	64QAM	27710	25RB#0	NV	20	-2.63	-0.001139	±2.5	PASS
Band3 0	5MHz	64QAM	27710	25RB#0	NV	30	-2.63	-0.001139	±2.5	PASS
Band3 0	5MHz	64QAM	27710	25RB#0	NV	40	3.03	0.001310	±2.5	PASS

**Test Report No.: W7L-P23100014RF06**

Band3 0	5MHz	64QAM	27710	25RB#0	NV	50	-4.78	-0.002067	±2.5	PASS
Band3 0	5MHz	64QAM	27735	25RB#0	NV	-30	3.03	0.001310	±2.5	PASS
Band3 0	5MHz	64QAM	27735	25RB#0	NV	-20	-4.78	-0.002067	±2.5	PASS
Band3 0	5MHz	64QAM	27735	25RB#0	NV	0	-4.12	-0.001782	±2.5	PASS
Band3 0	5MHz	64QAM	27735	25RB#0	NV	10	-5.02	-0.002171	±2.5	PASS
Band3 0	5MHz	64QAM	27735	25RB#0	NV	20	-3.29	-0.001423	±2.5	PASS
Band3 0	5MHz	64QAM	27735	25RB#0	NV	30	3.18	0.001378	±2.5	PASS
Band3 0	5MHz	64QAM	27735	25RB#0	NV	40	3.43	0.001486	±2.5	PASS
Band3 0	5MHz	64QAM	27735	25RB#0	NV	50	2.90	0.001257	±2.5	PASS
Band3 0	10MHz	QPSK	27710	50RB#0	NV	-30	5.22	0.002260	±2.5	PASS
Band3 0	10MHz	QPSK	27710	50RB#0	NV	-20	-2.49	-0.001078	±2.5	PASS
Band3 0	10MHz	QPSK	27710	50RB#0	NV	0	6.88	0.002978	±2.5	PASS
Band3 0	10MHz	QPSK	27710	50RB#0	NV	10	2.95	0.001277	±2.5	PASS
Band3 0	10MHz	QPSK	27710	50RB#0	NV	20	-1.60	-0.000693	±2.5	PASS
Band3 0	10MHz	QPSK	27710	50RB#0	NV	30	3.18	0.001378	±2.5	PASS
Band3 0	10MHz	QPSK	27710	50RB#0	NV	40	2.90	0.001257	±2.5	PASS
Band3 0	10MHz	QPSK	27710	50RB#0	NV	50	-4.78	-0.002067	±2.5	PASS
Band3 0	10MHz	16QAM	27710	50RB#0	NV	-30	-2.85	-0.001234	±2.5	PASS
Band3 0	10MHz	16QAM	27710	50RB#0	NV	-20	3.03	0.001312	±2.5	PASS
Band3 0	10MHz	16QAM	27710	50RB#0	NV	0	-2.15	-0.000931	±2.5	PASS
Band3 0	10MHz	16QAM	27710	50RB#0	NV	10	-3.02	-0.001307	±2.5	PASS
Band3 0	10MHz	16QAM	27710	50RB#0	NV	20	-2.79	-0.001208	±2.5	PASS
Band3 0	10MHz	16QAM	27710	50RB#0	NV	30	-4.78	-0.002067	±2.5	PASS
Band3 0	10MHz	16QAM	27710	50RB#0	NV	40	3.03	0.001310	±2.5	PASS
Band3 0	10MHz	16QAM	27710	50RB#0	NV	50	-4.78	-0.002067	±2.5	PASS
Band3 0	10MHz	64QAM	27710	50RB#0	NV	-30	3.38	0.001463	±2.5	PASS
Band3	10MHz	64QAM	27710	50RB#0	NV	-20	-2.63	-0.001139	±2.5	PASS



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0										
Band3 0	10MHz	64QAM	27710	50RB#0	NV	0	4.19	0.001814	±2.5	PASS
Band3 0	10MHz	64QAM	27710	50RB#0	NV	10	3.09	0.001338	±2.5	PASS
Band3 0	10MHz	64QAM	27710	50RB#0	NV	20	-3.72	-0.001610	±2.5	PASS
Band3 0	10MHz	64QAM	27710	50RB#0	NV	30	-2.49	-0.001078	±2.5	PASS
Band3 0	10MHz	64QAM	27710	50RB#0	NV	40	6.88	0.002978	±2.5	PASS
Band3 0	10MHz	64QAM	27710	50RB#0	NV	50	2.95	0.001277	±2.5	PASS



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LTE BAND71

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	3.88	13	PASS
Band71	5MHz	QPSK	133147	25RB#0	5.48	13	PASS
Band71	5MHz	QPSK	133297	1RB#0	3.78	13	PASS
Band71	5MHz	QPSK	133297	25RB#0	5.28	13	PASS
Band71	5MHz	QPSK	133447	1RB#0	3.73	13	PASS
Band71	5MHz	QPSK	133447	25RB#0	5.18	13	PASS
Band71	5MHz	16QAM	133147	1RB#0	5.81	13	PASS
Band71	5MHz	16QAM	133147	25RB#0	6.31	13	PASS
Band71	5MHz	16QAM	133297	1RB#0	5.63	13	PASS
Band71	5MHz	16QAM	133297	25RB#0	6.08	13	PASS
Band71	5MHz	16QAM	133447	1RB#0	5.39	13	PASS
Band71	5MHz	16QAM	133447	25RB#0	5.98	13	PASS
Band71	5MHz	64QAM	133147	1RB#0	6.79	13	PASS
Band71	5MHz	64QAM	133147	25RB#0	6.98	13	PASS
Band71	5MHz	64QAM	133297	1RB#0	6.79	13	PASS
Band71	5MHz	64QAM	133297	25RB#0	6.70	13	PASS
Band71	5MHz	64QAM	133447	1RB#0	7.07	13	PASS
Band71	5MHz	64QAM	133447	25RB#0	6.72	13	PASS
Band71	10MHz	QPSK	133172	1RB#0	3.91	13	PASS
Band71	10MHz	QPSK	133172	50RB#0	5.17	13	PASS
Band71	10MHz	QPSK	133297	1RB#0	3.80	13	PASS
Band71	10MHz	QPSK	133297	50RB#0	5.26	13	PASS
Band71	10MHz	QPSK	133422	1RB#0	3.37	13	PASS
Band71	10MHz	QPSK	133422	50RB#0	5.10	13	PASS
Band71	10MHz	16QAM	133172	1RB#0	5.68	13	PASS
Band71	10MHz	16QAM	133172	50RB#0	6.05	13	PASS
Band71	10MHz	16QAM	133297	1RB#0	5.59	13	PASS
Band71	10MHz	16QAM	133297	50RB#0	6.07	13	PASS
Band71	10MHz	16QAM	133422	1RB#0	4.89	13	PASS
Band71	10MHz	16QAM	133422	50RB#0	5.96	13	PASS
Band71	10MHz	64QAM	133172	1RB#0	6.62	13	PASS
Band71	10MHz	64QAM	133172	50RB#0	6.65	13	PASS
Band71	10MHz	64QAM	133297	1RB#0	6.52	13	PASS
Band71	10MHz	64QAM	133297	50RB#0	6.73	13	PASS
Band71	10MHz	64QAM	133422	1RB#0	6.11	13	PASS
Band71	10MHz	64QAM	133422	50RB#0	6.64	13	PASS
Band71	15MHz	QPSK	133197	1RB#0	3.89	13	PASS
Band71	15MHz	QPSK	133197	75RB#0	5.20	13	PASS
Band71	15MHz	QPSK	133297	1RB#0	3.69	13	PASS
Band71	15MHz	QPSK	133297	75RB#0	5.51	13	PASS
Band71	15MHz	QPSK	133397	1RB#0	3.41	13	PASS
Band71	15MHz	QPSK	133397	75RB#0	5.22	13	PASS
Band71	15MHz	16QAM	133197	1RB#0	5.76	13	PASS
Band71	15MHz	16QAM	133197	75RB#0	6.05	13	PASS



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Band71	15MHz	16QAM	133297	1RB#0	5.46	13	PASS
Band71	15MHz	16QAM	133297	75RB#0	6.19	13	PASS
Band71	15MHz	16QAM	133397	1RB#0	4.99	13	PASS
Band71	15MHz	16QAM	133397	75RB#0	5.94	13	PASS
Band71	15MHz	64QAM	133197	1RB#0	6.71	13	PASS
Band71	15MHz	64QAM	133197	75RB#0	6.60	13	PASS
Band71	15MHz	64QAM	133297	1RB#0	6.44	13	PASS
Band71	15MHz	64QAM	133297	75RB#0	6.68	13	PASS
Band71	15MHz	64QAM	133397	1RB#0	6.32	13	PASS
Band71	15MHz	64QAM	133397	75RB#0	6.53	13	PASS
Band71	20MHz	QPSK	133222	1RB#0	3.86	13	PASS
Band71	20MHz	QPSK	133222	100RB#0	5.18	13	PASS
Band71	20MHz	QPSK	133322	1RB#0	3.73	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	5.09	13	PASS
Band71	20MHz	QPSK	133372	1RB#0	3.73	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	4.89	13	PASS
Band71	20MHz	16QAM	133222	1RB#0	5.57	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	6.11	13	PASS
Band71	20MHz	16QAM	133322	1RB#0	5.30	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	5.95	13	PASS
Band71	20MHz	16QAM	133372	1RB#0	5.62	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	5.80	13	PASS
Band71	20MHz	64QAM	133222	1RB#0	7.10	13	PASS
Band71	20MHz	64QAM	133222	100RB#0	6.69	13	PASS
Band71	20MHz	64QAM	133322	1RB#0	6.80	13	PASS
Band71	20MHz	64QAM	133322	100RB#0	6.59	13	PASS
Band71	20MHz	64QAM	133372	1RB#0	6.81	13	PASS
Band71	20MHz	64QAM	133372	100RB#0	6.46	13	PASS

Test Graphs

