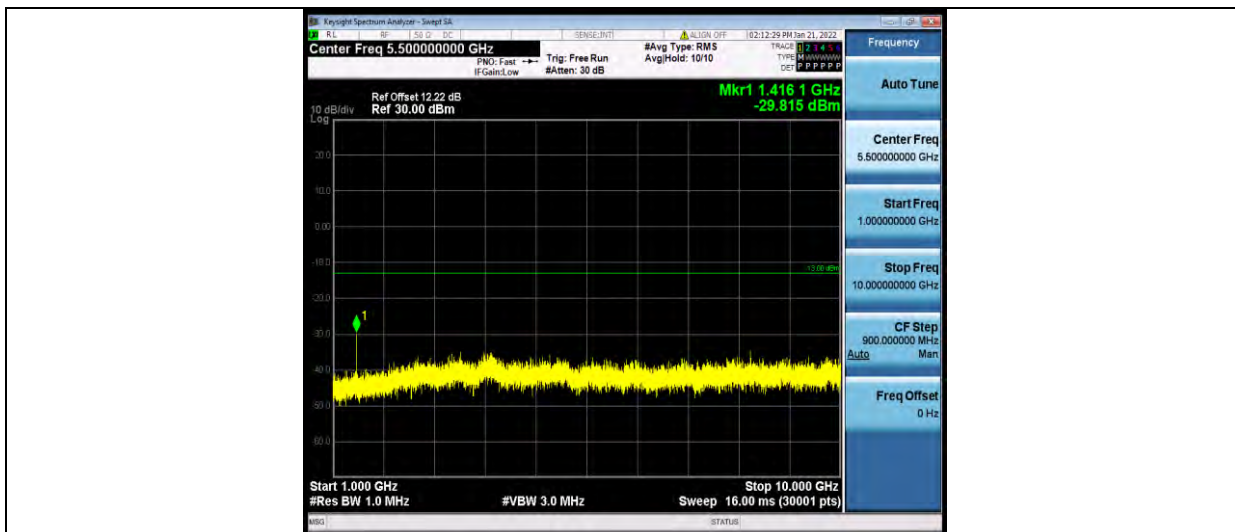
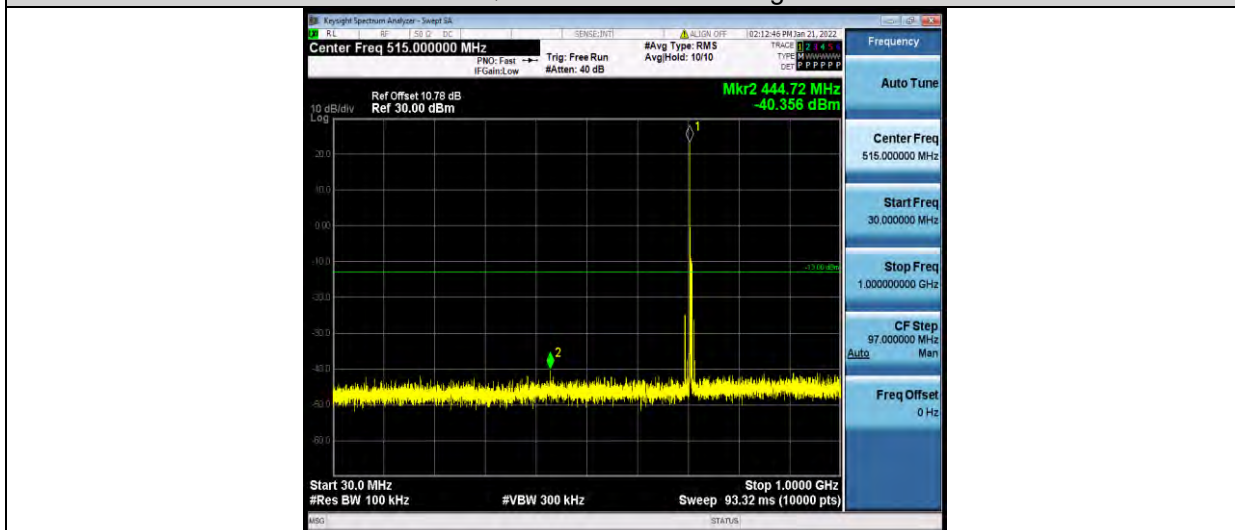
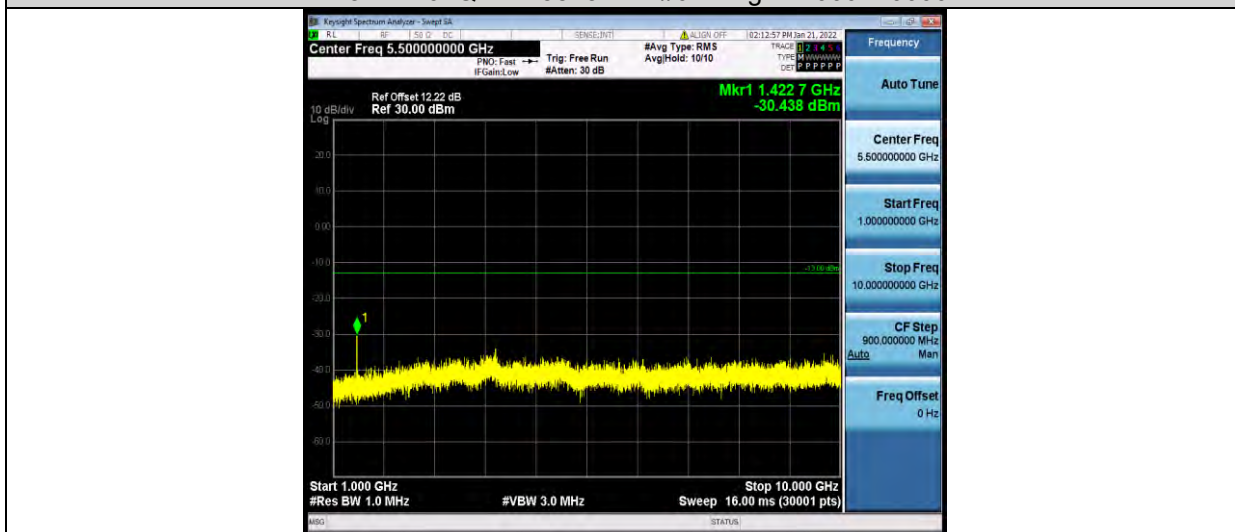




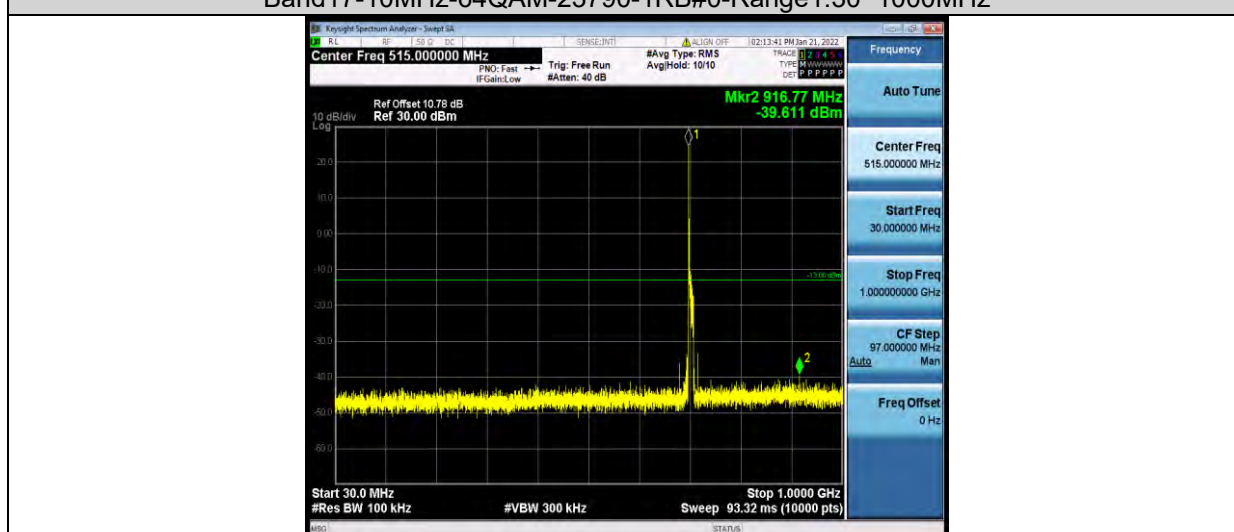
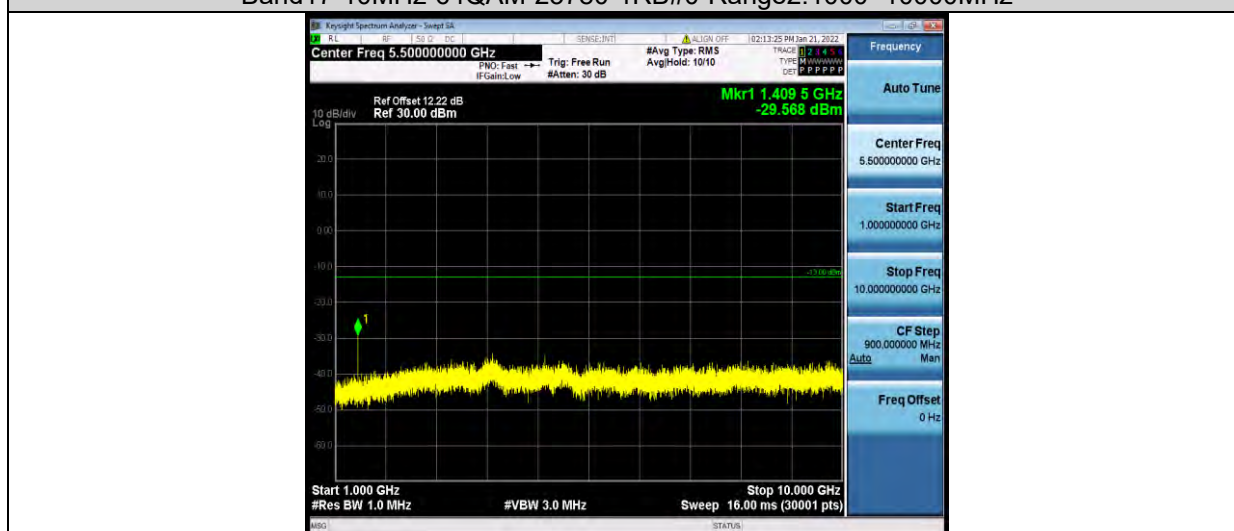
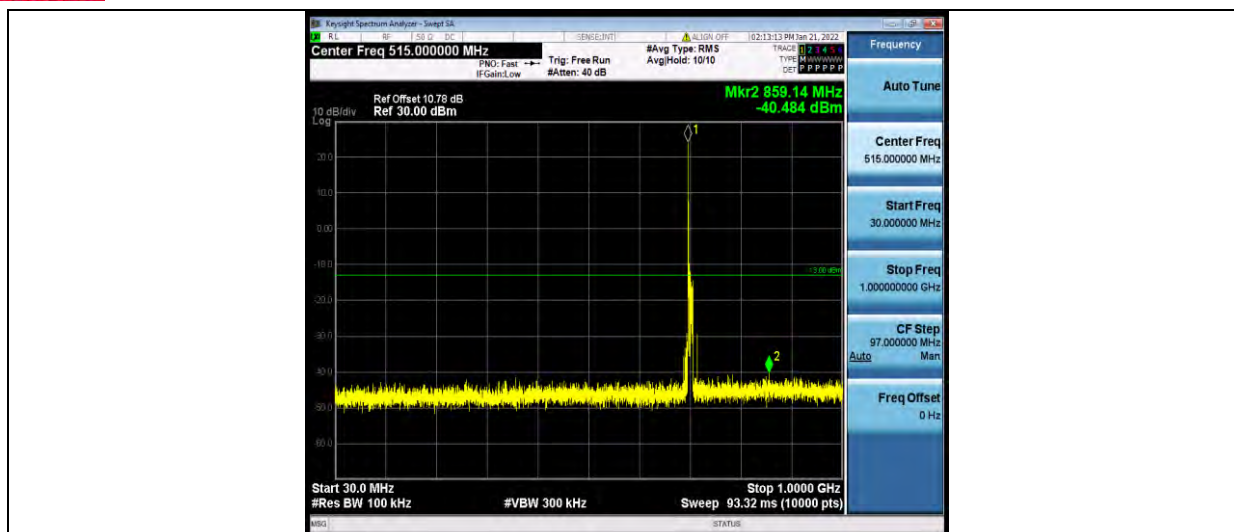
Band17-5MHz-64QAM-23825-1RB#0-Range1:30~1000MHz

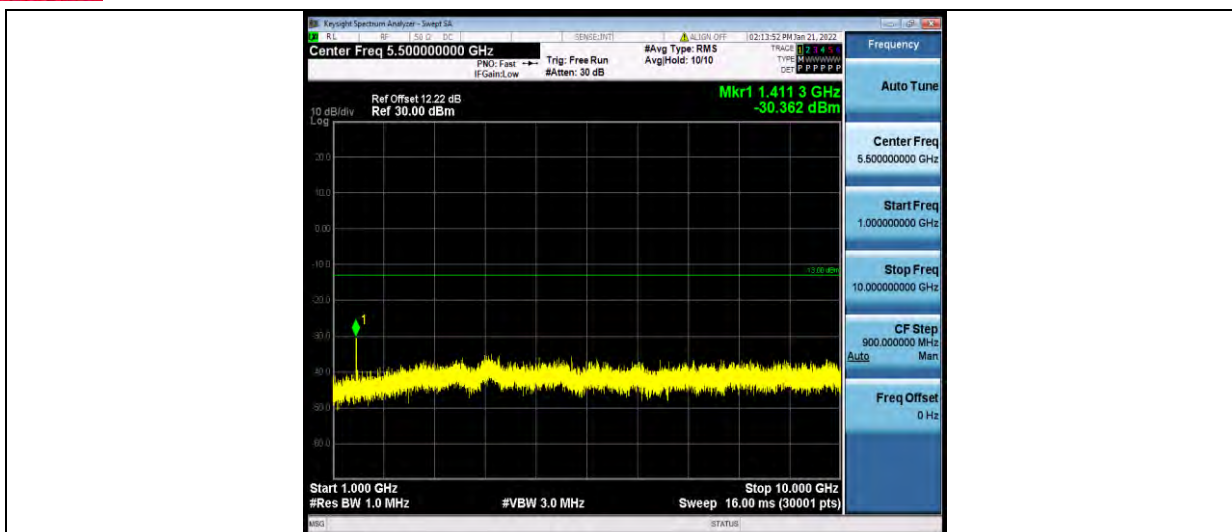


Band17-5MHz-64QAM-23825-1RB#0-Range2:1000~10000MHz

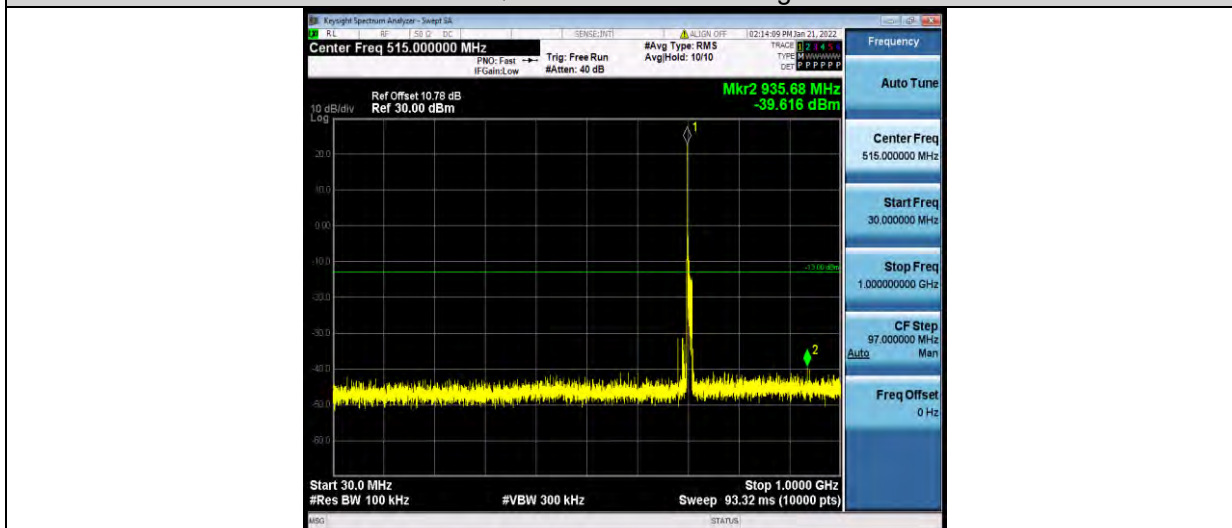


Band17-10MHz-64QAM-23780-1RB#0-Range1:30~1000MHz

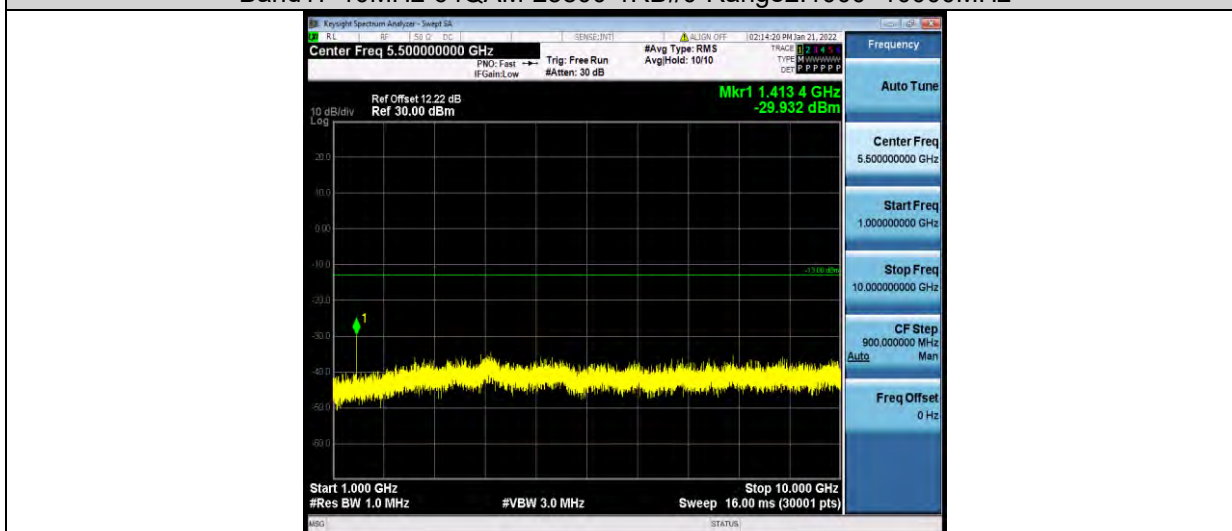




Band17-10MHz-64QAM-23800-1RB#0-Range1:30~1000MHz



Band17-10MHz-64QAM-23800-1RB#0-Range2:1000~10000MHz



FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth h	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1 7	5MHz	QPSK	23755	25RB#0	VL	NT	15.88	0.022477	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	VN	NT	7.42	0.010502	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	VH	NT	17.85	0.025265	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	VL	NT	17.65	0.024859	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	VN	NT	14.25	0.020070	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	VH	NT	8.60	0.012113	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	VL	NT	14.31	0.020056	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	VN	NT	4.58	0.006419	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	VH	NT	13.93	0.019523	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	VL	NT	36.75	0.052017	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	VN	NT	33.87	0.047941	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	VH	NT	47.65	0.067445	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	VL	NT	-35.85	-0.050493	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	VN	NT	-36.46	-0.051352	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	VH	NT	-31.76	-0.044732	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	VL	NT	13.43	0.018823	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	VN	NT	9.51	0.013329	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	VH	NT	20.17	0.028269	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	VL	NT	17.92	0.025275	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	VN	NT	10.80	0.015233	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	VH	NT	19.77	0.027884	±2.5	PASS

Band1 7	10MHz	QPSK	23790	50RB#0	VL	NT	16.11	0.022690	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	VN	NT	12.46	0.017549	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	VH	NT	15.05	0.021197	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	VL	NT	12.32	0.017328	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	VN	NT	10.89	0.015316	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	VH	NT	4.26	0.005992	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	VL	NT	9.47	0.013357	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	VN	NT	-16.58	-0.023385	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	VH	NT	16.21	0.022863	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	VL	NT	-34.52	-0.048620	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	VN	NT	-31.11	-0.043817	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	VH	NT	-23.29	-0.032803	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	VL	NT	-28.78	-0.040478	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	VN	NT	-31.69	-0.044571	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	VH	NT	-24.76	-0.034824	±2.5	PASS
Band1 7	5MHz	64QAM	23755	25RB#0	VL	NT	44.09	0.062406	±2.5	PASS
Band1 7	5MHz	64QAM	23755	25RB#0	VN	NT	32.86	0.046511	±2.5	PASS
Band1 7	5MHz	64QAM	23755	25RB#0	VH	NT	45.45	0.064331	±2.5	PASS
Band1 7	5MHz	64QAM	23790	25RB#0	VL	NT	25.94	0.036535	±2.5	PASS
Band1 7	5MHz	64QAM	23790	25RB#0	VN	NT	9.04	0.012732	±2.5	PASS
Band1 7	5MHz	64QAM	23790	25RB#0	VH	NT	24.63	0.034690	±2.5	PASS
Band1 7	5MHz	64QAM	23825	25RB#0	VL	NT	16.25	0.022775	±2.5	PASS
Band1 7	5MHz	64QAM	23825	25RB#0	VN	NT	8.23	0.011535	±2.5	PASS
Band1 7	5MHz	64QAM	23825	25RB#0	VH	NT	18.18	0.025480	±2.5	PASS
Band1 7	10MHz	64QAM	23780	50RB#0	VL	NT	24.95	0.035190	±2.5	PASS
Band1 7	10MHz	64QAM	23780	50RB#0	VN	NT	20.48	0.028886	±2.5	PASS
Band1	10MHz	64QAM	23780	50RB#0	VH	NT	34.06	0.048039	±2.5	PASS

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Band1 7	10MHz	64QAM	23790	50RB#0	VL	NT	12.32	0.017352	±2.5	PASS
Band1 7	10MHz	64QAM	23790	50RB#0	VN	NT	6.98	0.009831	±2.5	PASS
Band1 7	10MHz	64QAM	23790	50RB#0	VH	NT	5.35	0.007535	±2.5	PASS
Band1 7	10MHz	64QAM	23800	50RB#0	VL	NT	12.45	0.017511	±2.5	PASS
Band1 7	10MHz	64QAM	23800	50RB#0	VN	NT	15.52	0.021828	±2.5	PASS
Band1 7	10MHz	64QAM	23800	50RB#0	VH	NT	19.35	0.027215	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	NV	-30	18.57	0.026285	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-20	22.97	0.032512	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	0	24.08	0.034084	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	10	27.57	0.039023	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	20	30.53	0.043213	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	30	1.87	0.002236	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	40	-2.21	-0.002642	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	50	1.81	0.002164	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-30	-7.67	-0.010803	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-20	-15.78	-0.022225	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	0	-22.37	-0.031507	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	10	-28.77	-0.040521	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	20	-31.01	-0.043676	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	30	-9.54	-0.005074	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	40	-8.90	-0.004736	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	50	-7.73	-0.004111	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-30	8.70	0.012193	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-20	3.03	0.004247	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	0	3.35	0.004695	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	10	2.79	0.003910	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	20	1.56	0.002186	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	30	-6.70	-0.003565	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	40	-5.07	-0.002696	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	50	-3.93	-0.002090	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-30	16.01	0.022661	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-20	25.03	0.035428	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	0	31.06	0.043963	±2.5	PASS



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Band17	5MHz	16QAM	23755	25RB#0	NV	10	37.97	0.053744	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	20	44.20	0.062562	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	30	-3.01	-0.001604	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	40	-2.14	-0.001137	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	50	-0.89	-0.000472	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-30	-26.42	-0.037211	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-20	-27.17	-0.038268	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	0	-27.09	-0.038155	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	10	-24.39	-0.034352	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	20	-23.20	-0.032676	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	30	1.51	0.000803	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	40	-2.19	-0.001165	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	50	1.78	0.000947	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-30	28.18	0.039495	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-20	33.47	0.046910	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	0	41.73	0.058486	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	10	2.52	0.003532	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	20	16.58	0.023238	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	30	-9.71	-0.011605	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	40	-8.94	-0.010690	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	50	-7.64	-0.009139	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	12.07	0.017024	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	11.16	0.015740	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	5.34	0.007532	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	-2.68	-0.003780	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	-8.65	-0.012200	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	30	-6.87	-0.008213	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	40	-5.21	-0.006227	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	50	-4.14	-0.004955	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	-4.32	-0.006085	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	-6.92	-0.009746	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	-20.86	-0.029380	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	-20.03	-0.028211	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-28.67	-0.040380	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-3.35	-0.004006	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-2.13	-0.002544	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	-1.09	-0.001306	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-30	-7.71	-0.010844	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	-16.14	-0.022700	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	-24.06	-0.033840	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	10	-28.18	-0.039634	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	-29.41	-0.041364	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	30	1.57	0.001877	±2.5	PASS



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Band17	10MHz	QPSK	23800	50RB#0	NV	40	-1.86	-0.002224	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	50	1.55	0.001853	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-30	23.46	0.033089	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	32.34	0.045614	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	34.38	0.048491	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	39.58	0.055825	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	42.40	0.059803	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	30	-9.77	-0.011683	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	40	-8.93	-0.010679	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	50	-7.63	-0.009128	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-30	-17.07	-0.024042	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	-10.07	-0.014183	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	-9.78	-0.013775	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	-8.73	-0.012296	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	-3.93	-0.005535	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	30	-6.82	-0.008157	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	40	-5.05	-0.006037	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	50	-3.99	-0.004776	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-30	-15.54	-0.021857	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	-10.97	-0.015429	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	-6.04	-0.008495	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	4.05	0.005696	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	3.00	0.004219	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	30	-3.35	-0.004006	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	40	-2.03	-0.002433	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	-1.09	-0.001306	±2.5	PASS
Band17	5MHz	64QAM	23755	25RB#0	NV	-30	5.51	0.007799	±2.5	PASS
Band17	5MHz	64QAM	23755	25RB#0	NV	-20	7.11	0.010064	±2.5	PASS
Band17	5MHz	64QAM	23755	25RB#0	NV	0	6.14	0.008691	±2.5	PASS
Band17	5MHz	64QAM	23755	25RB#0	NV	10	4.56	0.006454	±2.5	PASS
Band17	5MHz	64QAM	23755	25RB#0	NV	20	6.58	0.009314	±2.5	PASS
Band17	5MHz	64QAM	23755	25RB#0	NV	30	1.52	0.001817	±2.5	PASS
Band17	5MHz	64QAM	23755	25RB#0	NV	40	-1.84	-0.002200	±2.5	PASS
Band17	5MHz	64QAM	23755	25RB#0	NV	50	1.55	0.001853	±2.5	PASS
Band17	5MHz	64QAM	23790	25RB#0	NV	-30	26.18	0.036873	±2.5	PASS
Band17	5MHz	64QAM	23790	25RB#0	NV	-20	18.85	0.026549	±2.5	PASS
Band17	5MHz	64QAM	23790	25RB#0	NV	0	20.81	0.029310	±2.5	PASS
Band17	5MHz	64QAM	23790	25RB#0	NV	10	9.51	0.013394	±2.5	PASS
Band17	5MHz	64QAM	23790	25RB#0	NV	20	6.18	0.008704	±2.5	PASS
Band17	5MHz	64QAM	23790	25RB#0	NV	30	-9.09	-0.010716	±2.5	PASS
Band17	5MHz	64QAM	23790	25RB#0	NV	40	-7.95	-0.009374	±2.5	PASS
Band17	5MHz	64QAM	23790	25RB#0	NV	50	-6.98	-0.008230	±2.5	PASS
Band17	5MHz	64QAM	23825	25RB#0	NV	-30	-3.19	-0.004471	±2.5	PASS



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Band17	5MHz	64QAM	23825	25RB#0	NV	-20	-23.46	-0.032880	±2.5	PASS
Band17	5MHz	64QAM	23825	25RB#0	NV	0	-22.83	-0.031997	±2.5	PASS
Band17	5MHz	64QAM	23825	25RB#0	NV	10	-39.24	-0.054996	±2.5	PASS
Band17	5MHz	64QAM	23825	25RB#0	NV	20	-45.58	-0.063882	±2.5	PASS
Band17	5MHz	64QAM	23825	25RB#0	NV	30	-6.14	-0.007240	±2.5	PASS
Band17	5MHz	64QAM	23825	25RB#0	NV	40	-5.72	-0.006747	±2.5	PASS
Band17	5MHz	64QAM	23825	25RB#0	NV	50	-4.22	-0.004970	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	-30	19.74	0.027842	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	-20	17.19	0.024245	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	0	22.72	0.032045	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	10	13.43	0.018942	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	20	4.92	0.006939	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	30	-2.17	-0.002557	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	40	-1.26	-0.001489	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	50	-0.34	-0.000400	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	-30	8.15	0.011479	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	-20	16.94	0.023859	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	0	13.18	0.018563	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	10	7.67	0.010803	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	20	12.85	0.018099	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	30	-9.70	-0.011440	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	40	-8.84	-0.010432	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	50	-7.41	-0.008744	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	-30	11.06	0.015556	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	-20	7.34	0.010323	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	0	-4.19	-0.005893	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	10	-15.95	-0.022433	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	20	-26.41	-0.037145	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	30	-6.05	-0.007135	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	40	-5.08	-0.005995	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	50	-3.92	-0.004626	±2.5	PASS



Test Report No.: W7L-P21120038RF05

LTE BAND66

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	4.43	13	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	5.03	13	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	3.85	13	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	4.70	13	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	3.98	13	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	4.94	13	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	5.14	13	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	5.80	13	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	4.79	13	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	5.37	13	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	5.13	13	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	5.67	13	PASS
Band66	3MHz	QPSK	131987	1RB#0	4.40	13	PASS
Band66	3MHz	QPSK	131987	15RB#0	5.08	13	PASS
Band66	3MHz	QPSK	132322	1RB#0	4.06	13	PASS
Band66	3MHz	QPSK	132322	15RB#0	4.73	13	PASS
Band66	3MHz	QPSK	132657	1RB#0	4.00	13	PASS
Band66	3MHz	QPSK	132657	15RB#0	4.82	13	PASS
Band66	3MHz	16QAM	131987	1RB#0	5.49	13	PASS
Band66	3MHz	16QAM	131987	15RB#0	5.93	13	PASS
Band66	3MHz	16QAM	132322	1RB#0	5.15	13	PASS
Band66	3MHz	16QAM	132322	15RB#0	5.61	13	PASS
Band66	3MHz	16QAM	132657	1RB#0	5.14	13	PASS
Band66	3MHz	16QAM	132657	15RB#0	5.68	13	PASS
Band66	5MHz	QPSK	131997	1RB#0	4.60	13	PASS
Band66	5MHz	QPSK	131997	25RB#0	5.13	13	PASS
Band66	5MHz	QPSK	132322	1RB#0	4.26	13	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.64	13	PASS
Band66	5MHz	QPSK	132647	1RB#0	4.18	13	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.82	13	PASS
Band66	5MHz	16QAM	131997	1RB#0	5.49	13	PASS
Band66	5MHz	16QAM	131997	25RB#0	5.88	13	PASS
Band66	5MHz	16QAM	132322	1RB#0	5.22	13	PASS
Band66	5MHz	16QAM	132322	25RB#0	5.50	13	PASS
Band66	5MHz	16QAM	132647	1RB#0	4.73	13	PASS
Band66	5MHz	16QAM	132647	25RB#0	5.62	13	PASS
Band66	10MHz	QPSK	132022	1RB#0	4.38	13	PASS
Band66	10MHz	QPSK	132022	50RB#0	5.27	13	PASS
Band66	10MHz	QPSK	132322	1RB#0	4.30	13	PASS
Band66	10MHz	QPSK	132322	50RB#0	4.74	13	PASS
Band66	10MHz	QPSK	132622	1RB#0	3.86	13	PASS
Band66	10MHz	QPSK	132622	50RB#0	4.81	13	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-P21120038RF05

Band66	10MHz	16QAM	132022	1RB#0	5.21	13	PASS
Band66	10MHz	16QAM	132022	50RB#0	6.09	13	PASS
Band66	10MHz	16QAM	132322	1RB#0	5.45	13	PASS
Band66	10MHz	16QAM	132322	50RB#0	5.62	13	PASS
Band66	10MHz	16QAM	132622	1RB#0	4.75	13	PASS
Band66	10MHz	16QAM	132622	50RB#0	5.60	13	PASS
Band66	15MHz	QPSK	132047	1RB#0	4.46	13	PASS
Band66	15MHz	QPSK	132047	75RB#0	5.73	13	PASS
Band66	15MHz	QPSK	132322	1RB#0	4.44	13	PASS
Band66	15MHz	QPSK	132322	75RB#0	5.14	13	PASS
Band66	15MHz	QPSK	132597	1RB#0	3.88	13	PASS
Band66	15MHz	QPSK	132597	75RB#0	5.05	13	PASS
Band66	15MHz	16QAM	132047	1RB#0	5.44	13	PASS
Band66	15MHz	16QAM	132047	75RB#0	6.32	13	PASS
Band66	15MHz	16QAM	132322	1RB#0	5.56	13	PASS
Band66	15MHz	16QAM	132322	75RB#0	5.83	13	PASS
Band66	15MHz	16QAM	132597	1RB#0	4.62	13	PASS
Band66	15MHz	16QAM	132597	75RB#0	5.77	13	PASS
Band66	20MHz	QPSK	132072	1RB#0	4.51	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.56	13	PASS
Band66	20MHz	QPSK	132322	1RB#0	4.50	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.15	13	PASS
Band66	20MHz	QPSK	132572	1RB#0	3.58	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.07	13	PASS
Band66	20MHz	16QAM	132072	1RB#0	5.34	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.32	13	PASS
Band66	20MHz	16QAM	132322	1RB#0	5.64	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.93	13	PASS
Band66	20MHz	16QAM	132572	1RB#0	4.47	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.79	13	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	5.65	13	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	6.07	13	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	5.96	13	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	6.14	13	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	5.99	13	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	6.12	13	PASS
Band66	3MHz	64QAM	131987	1RB#0	5.92	13	PASS
Band66	3MHz	64QAM	131987	15RB#0	6.23	13	PASS
Band66	3MHz	64QAM	132322	1RB#0	5.89	13	PASS
Band66	3MHz	64QAM	132322	15RB#0	6.21	13	PASS
Band66	3MHz	64QAM	132657	1RB#0	5.72	13	PASS
Band66	3MHz	64QAM	132657	15RB#0	6.23	13	PASS
Band66	5MHz	64QAM	131997	1RB#0	5.90	13	PASS
Band66	5MHz	64QAM	131997	25RB#0	6.19	13	PASS
Band66	5MHz	64QAM	132322	1RB#0	5.80	13	PASS
Band66	5MHz	64QAM	132322	25RB#0	6.12	13	PASS
Band66	5MHz	64QAM	132647	1RB#0	5.54	13	PASS
Band66	5MHz	64QAM	132647	25RB#0	6.22	13	PASS
Band66	10MHz	64QAM	132022	1RB#0	5.74	13	PASS
Band66	10MHz	64QAM	132022	50RB#0	6.31	13	PASS
Band66	10MHz	64QAM	132322	1RB#0	5.96	13	PASS
Band66	10MHz	64QAM	132322	50RB#0	6.21	13	PASS
Band66	10MHz	64QAM	132622	1RB#0	5.52	13	PASS



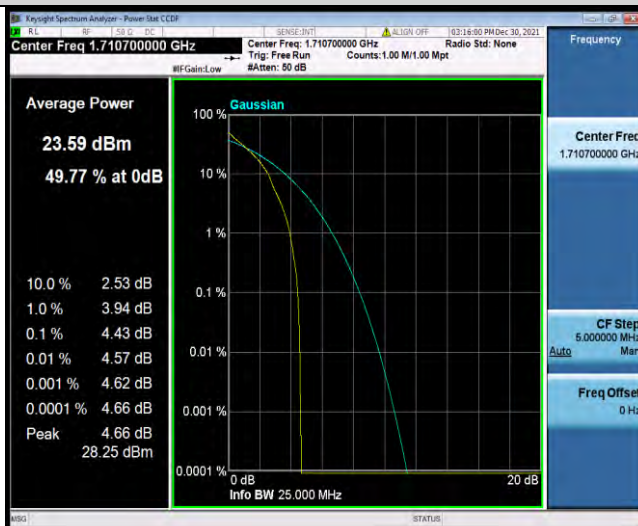
BUREAU
VERITAS

Test Report No.: W7L-P21120038RF05

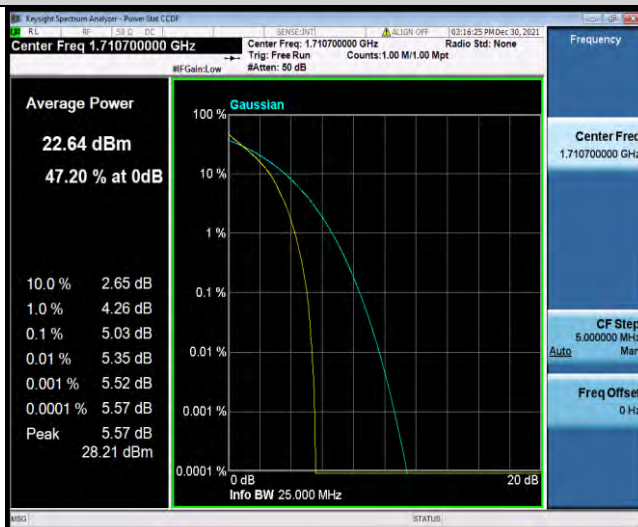
Band66	10MHz	64QAM	132622	50RB#0	6.25	13	PASS
Band66	15MHz	64QAM	132047	1RB#0	5.83	13	PASS
Band66	15MHz	64QAM	132047	75RB#0	6.45	13	PASS
Band66	15MHz	64QAM	132322	1RB#0	6.36	13	PASS
Band66	15MHz	64QAM	132322	75RB#0	6.33	13	PASS
Band66	15MHz	64QAM	132597	1RB#0	5.52	13	PASS
Band66	15MHz	64QAM	132597	75RB#0	6.30	13	PASS
Band66	20MHz	64QAM	132072	1RB#0	5.41	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.44	13	PASS
Band66	20MHz	64QAM	132322	1RB#0	6.23	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.34	13	PASS
Band66	20MHz	64QAM	132572	1RB#0	5.77	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.28	13	PASS

Test Graphs

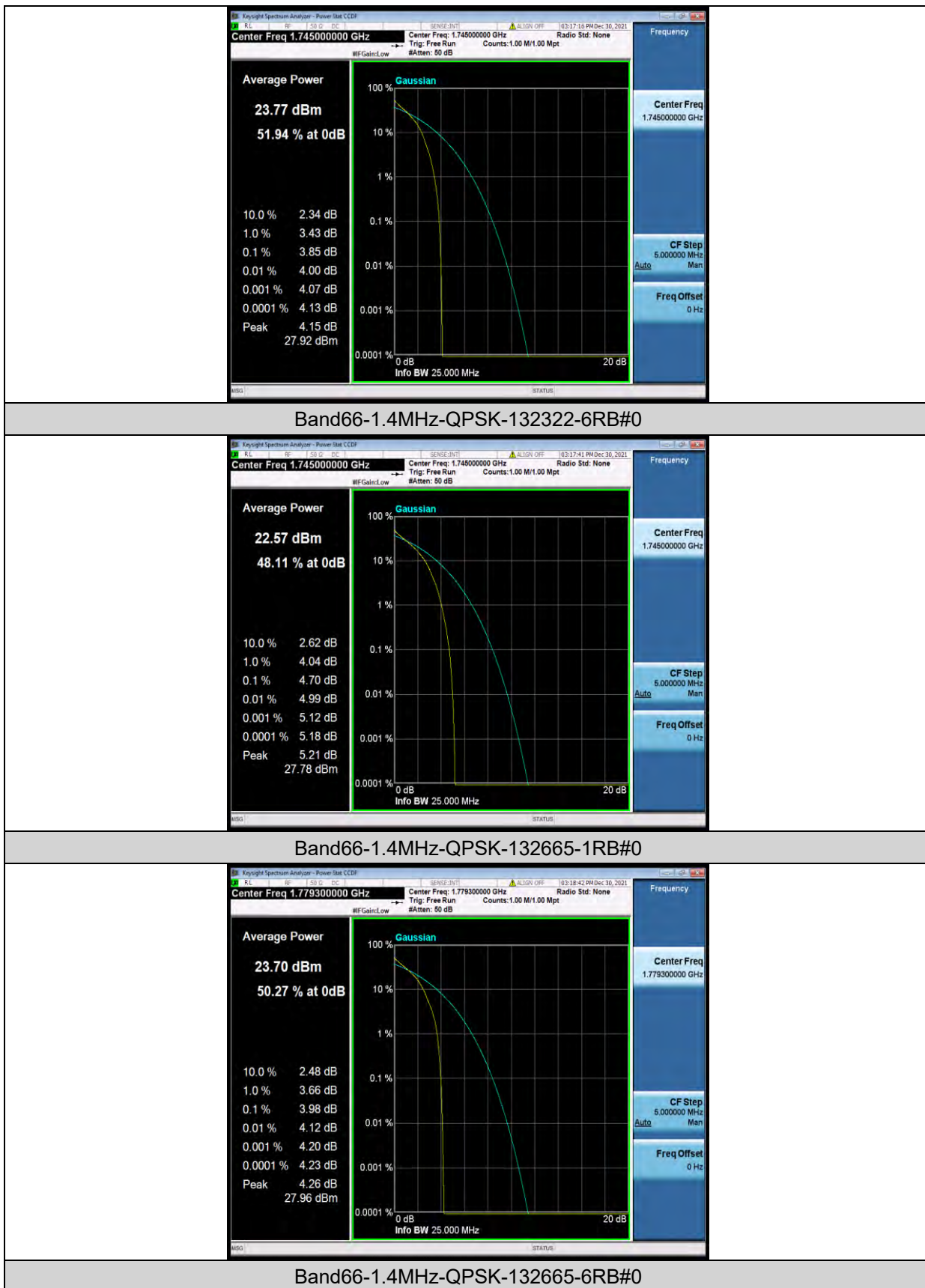
Band66-1.4MHz-QPSK-131979-1RB#0

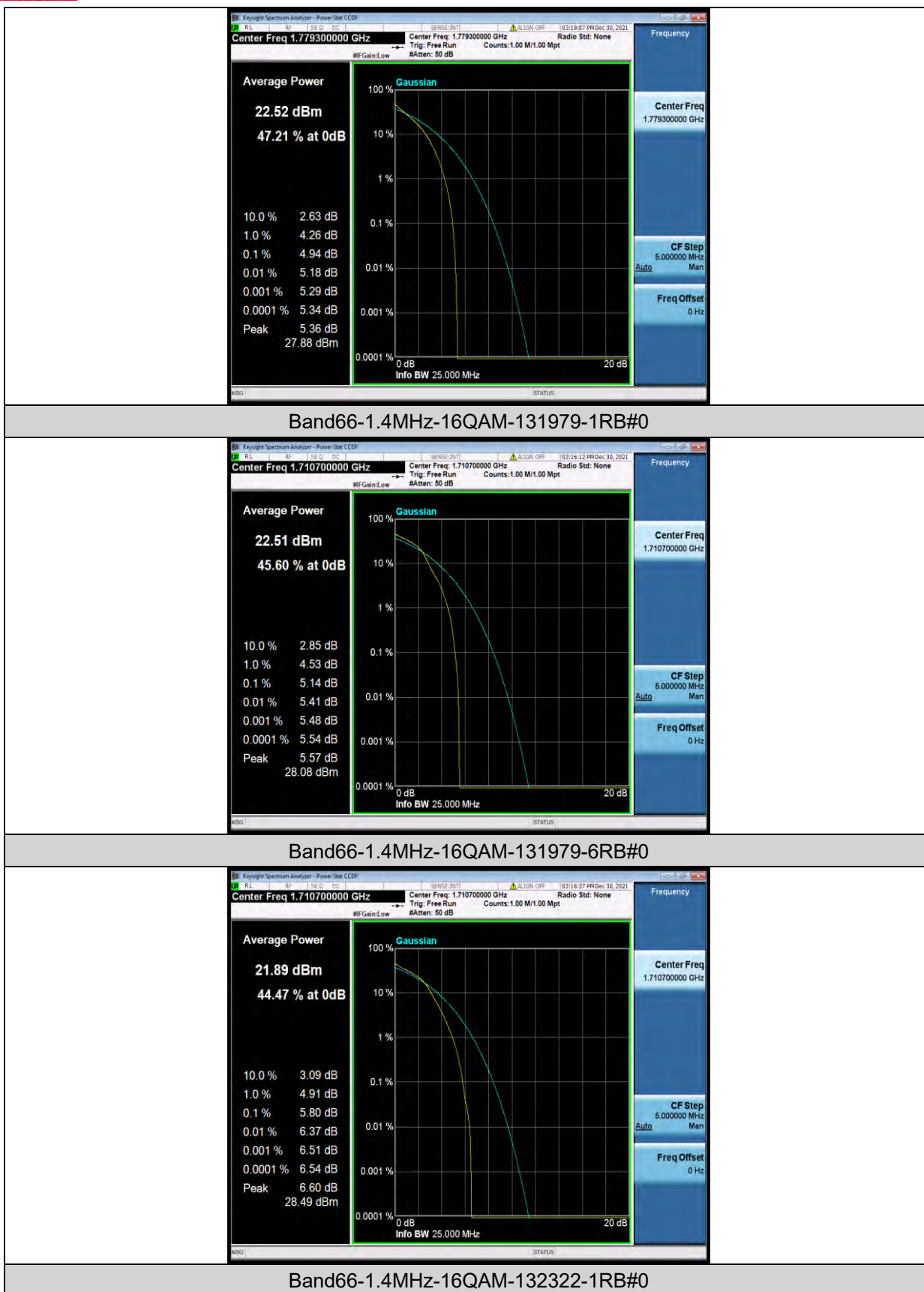


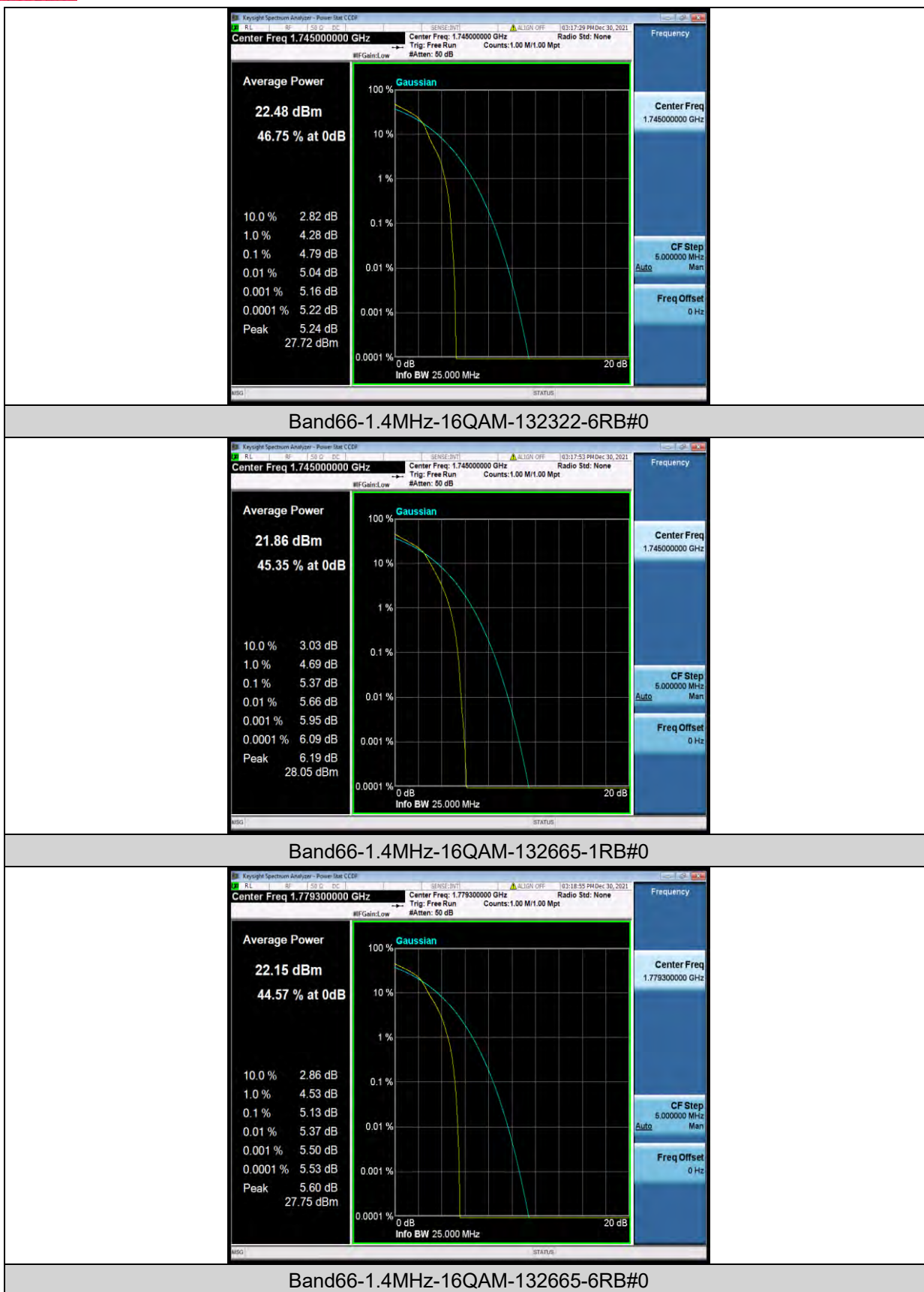
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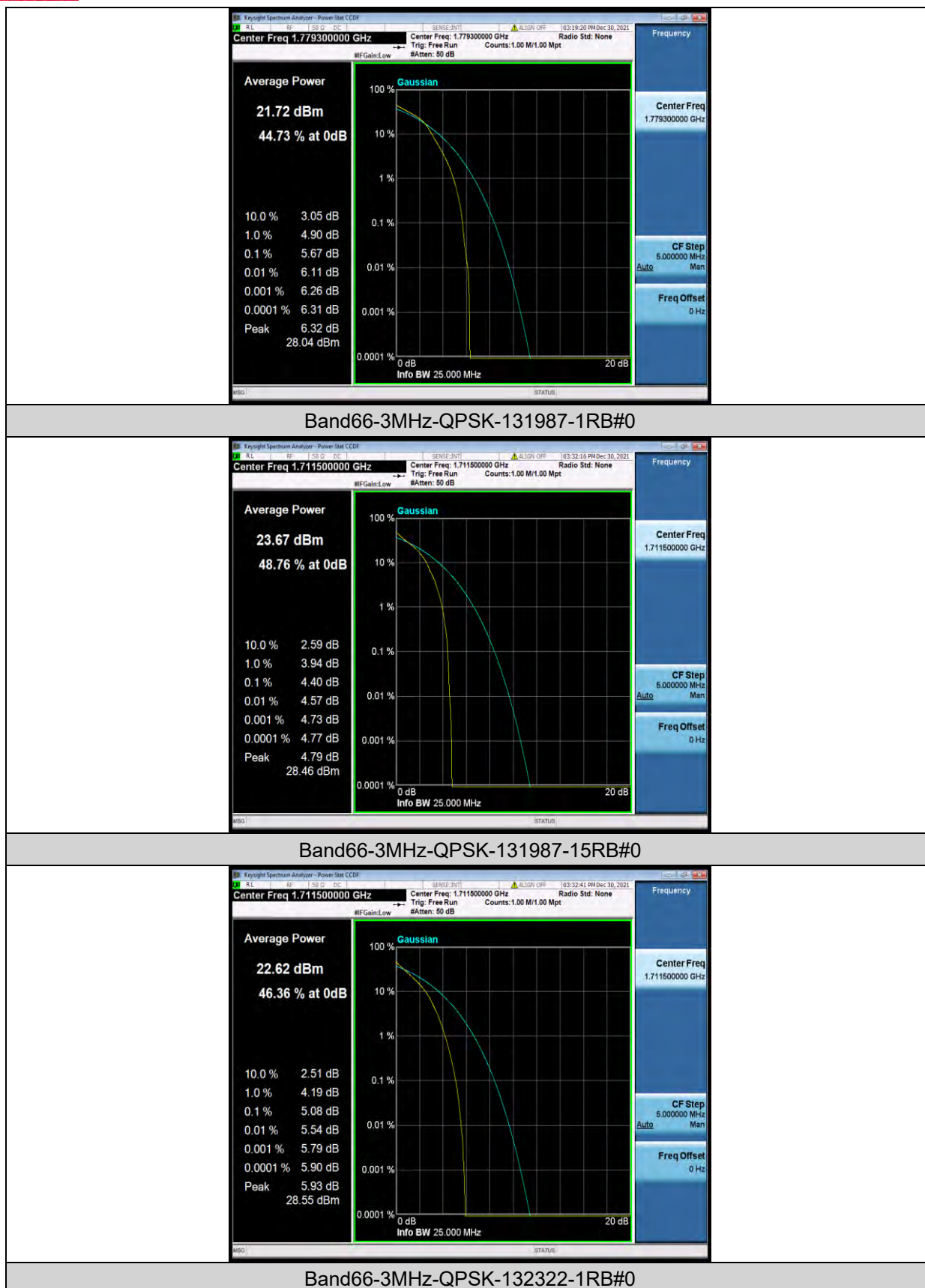


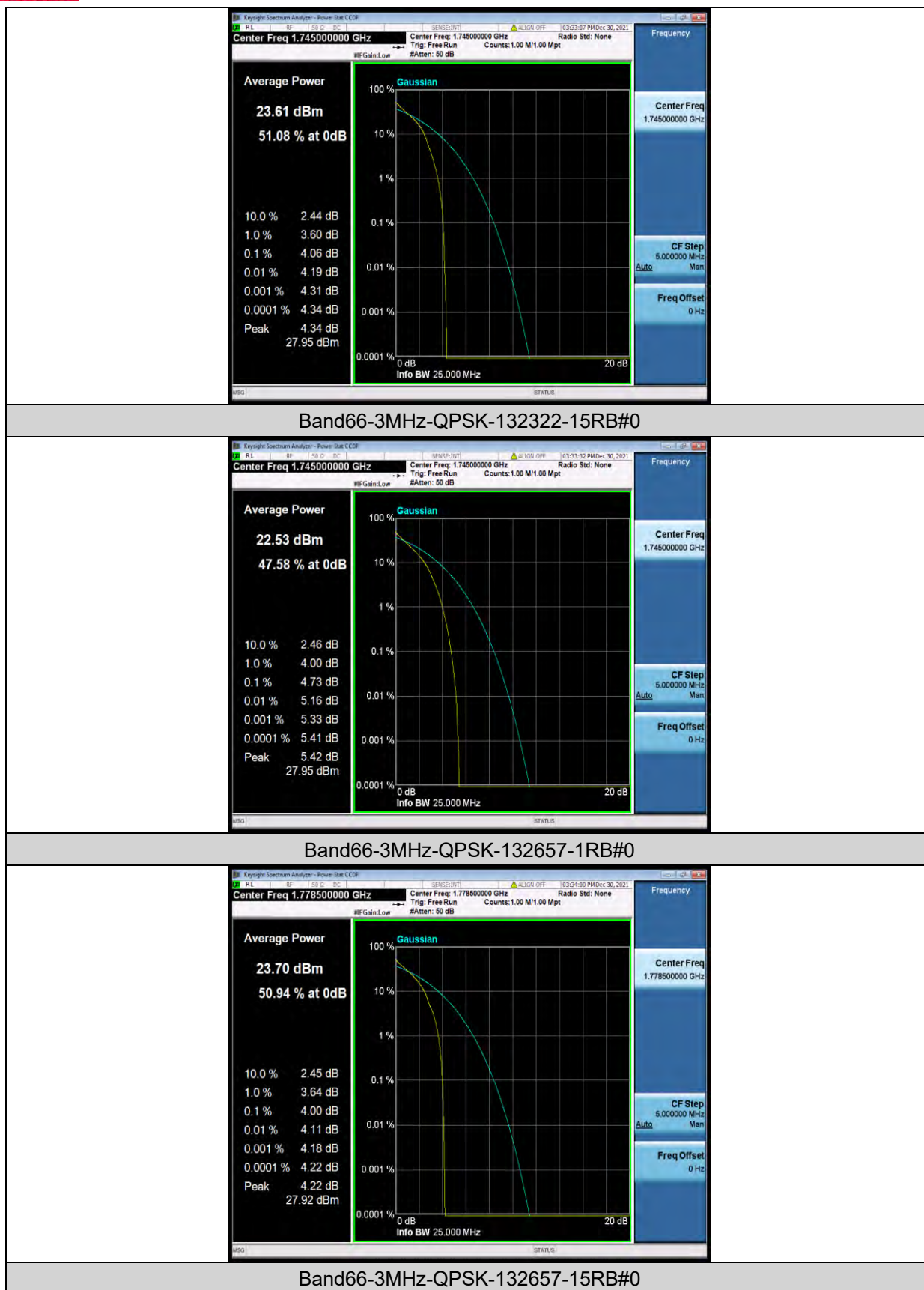
Band66-1.4MHz-QPSK-132322-1RB#0

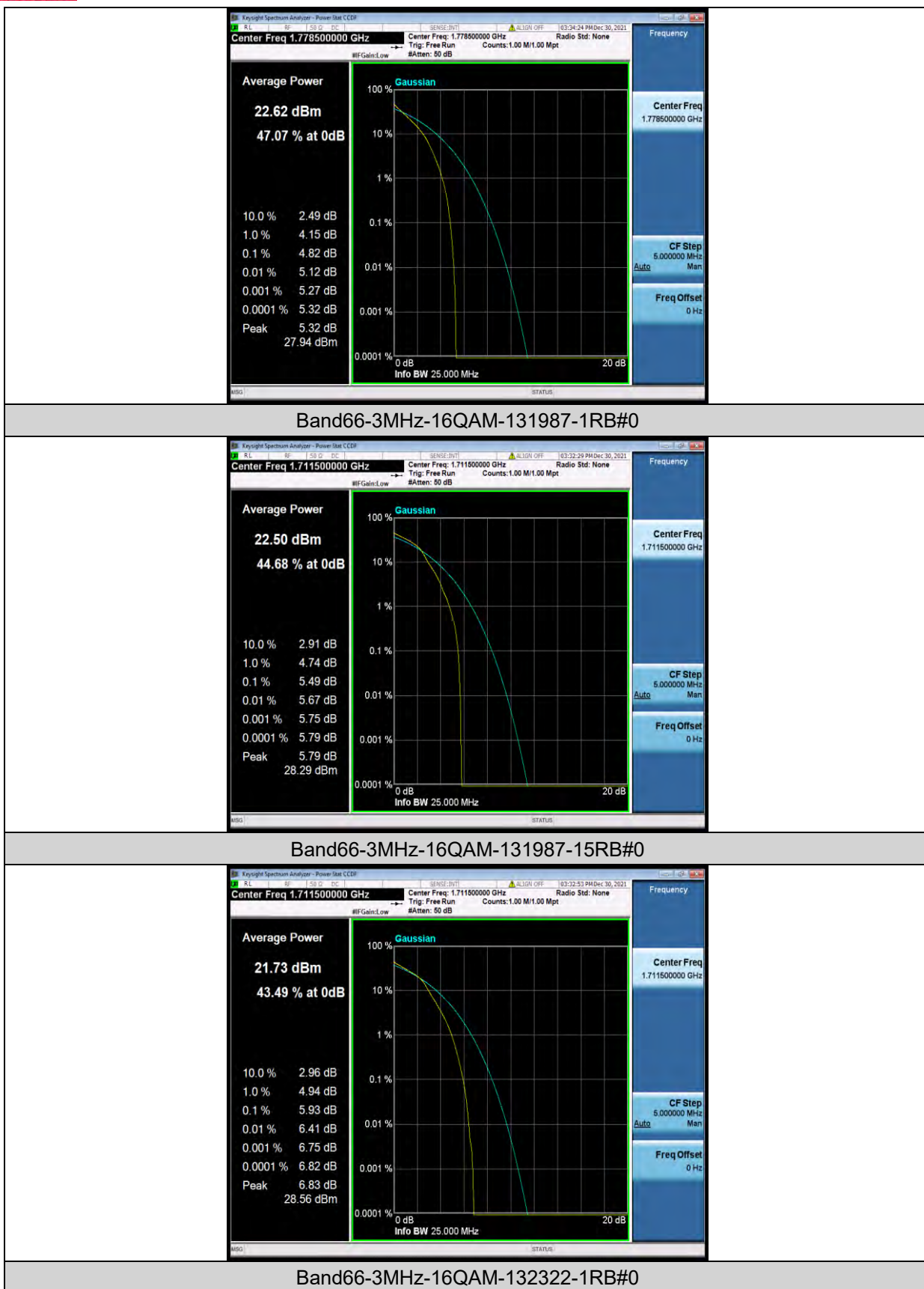


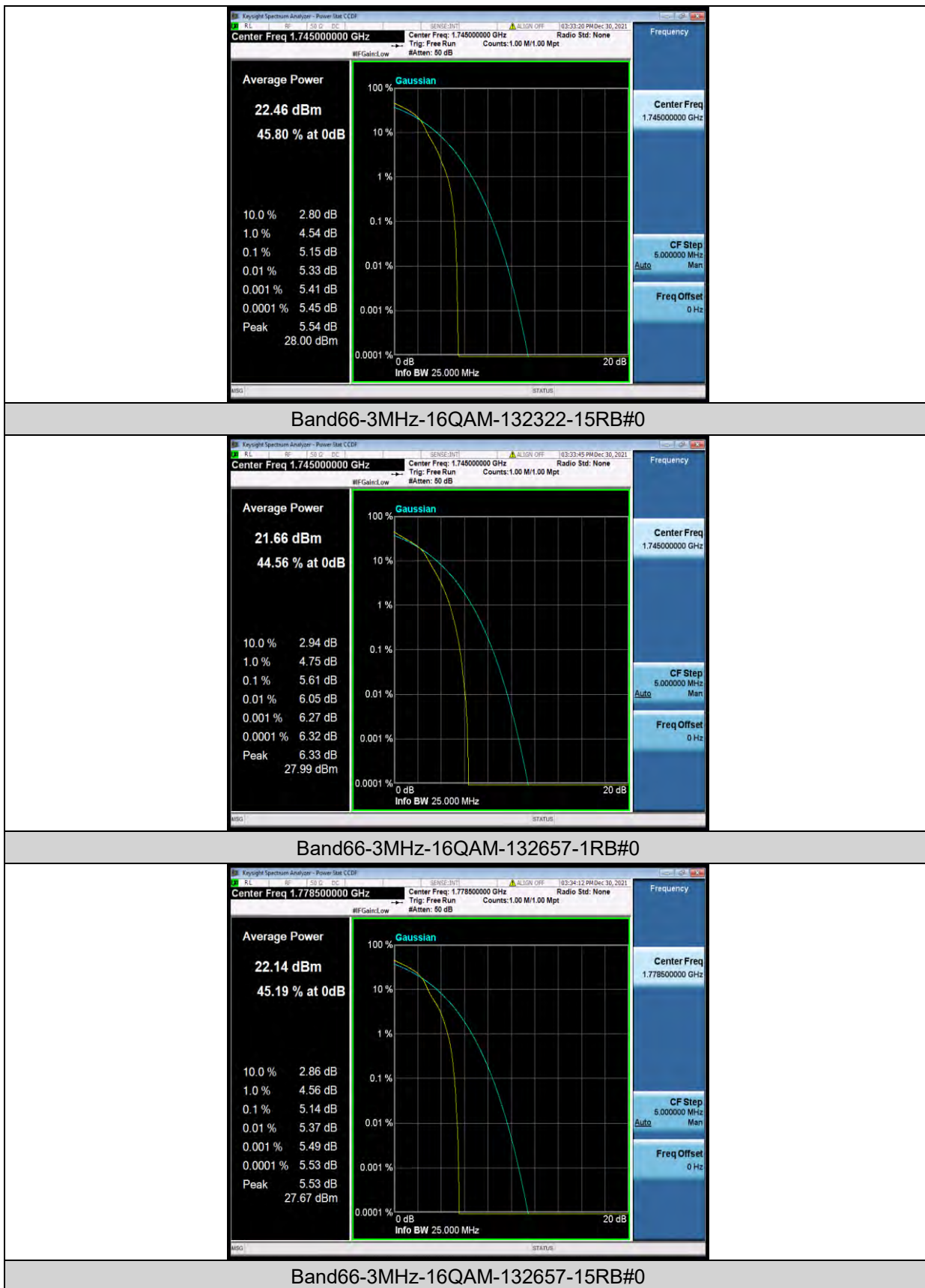


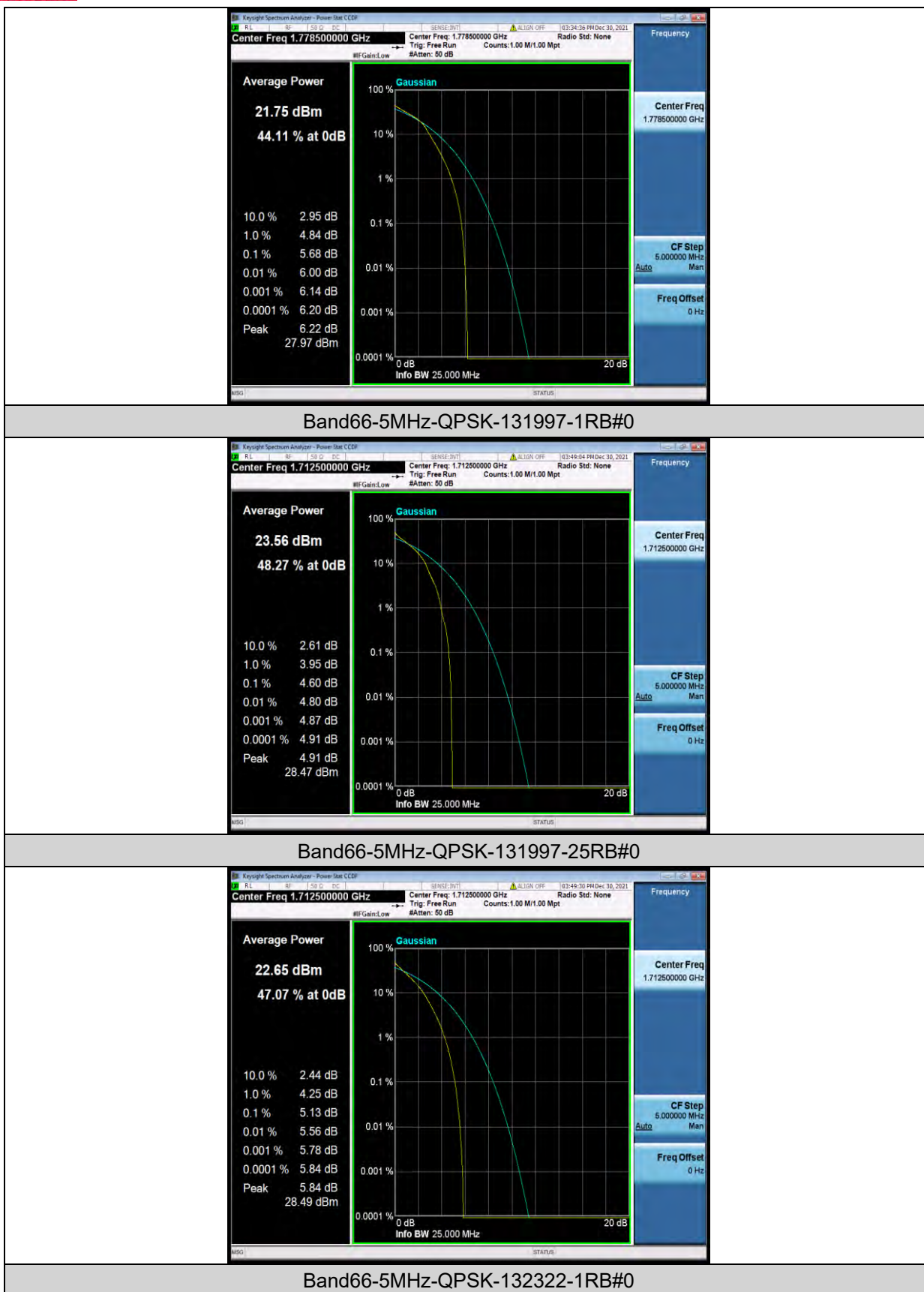


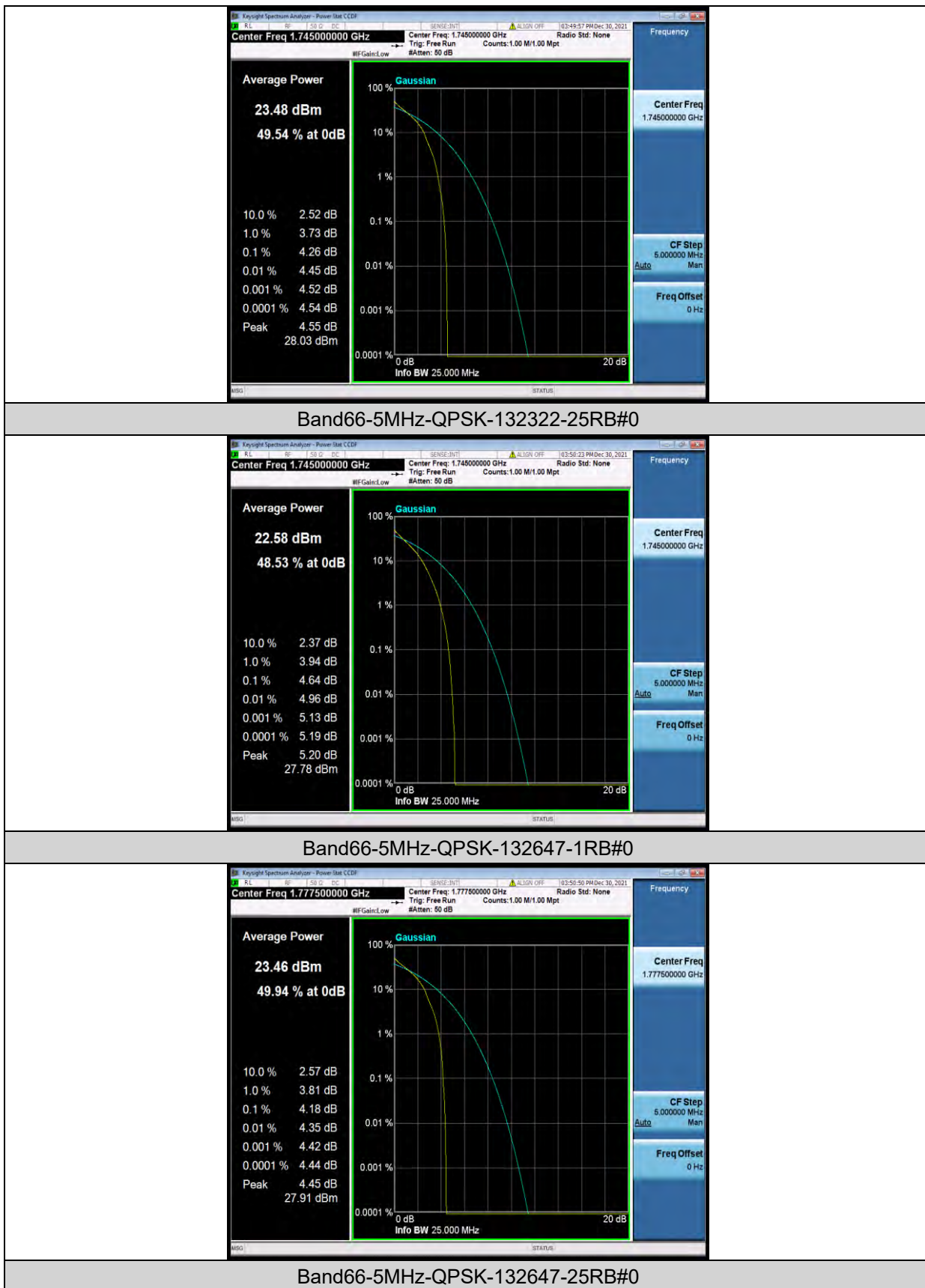


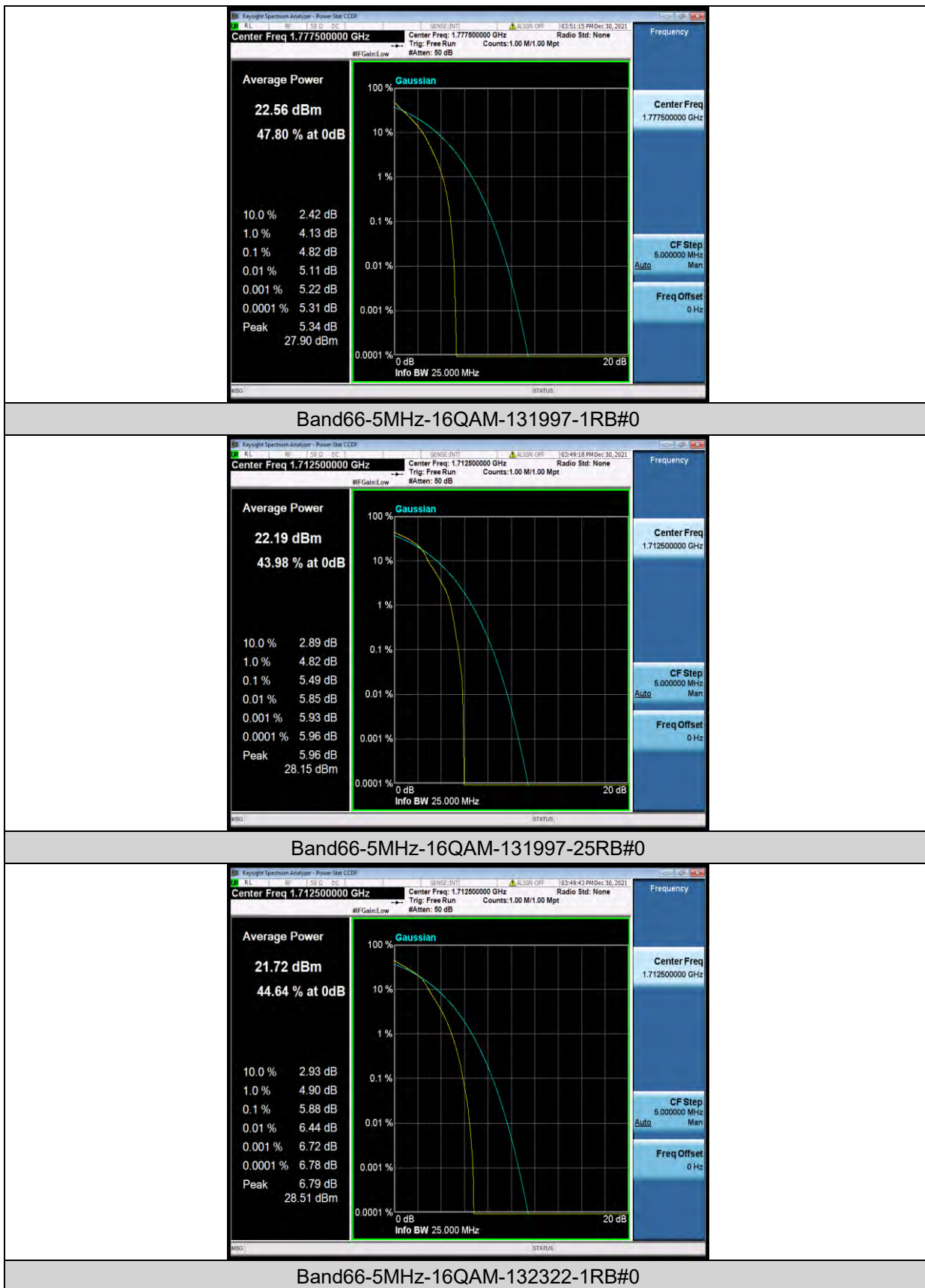


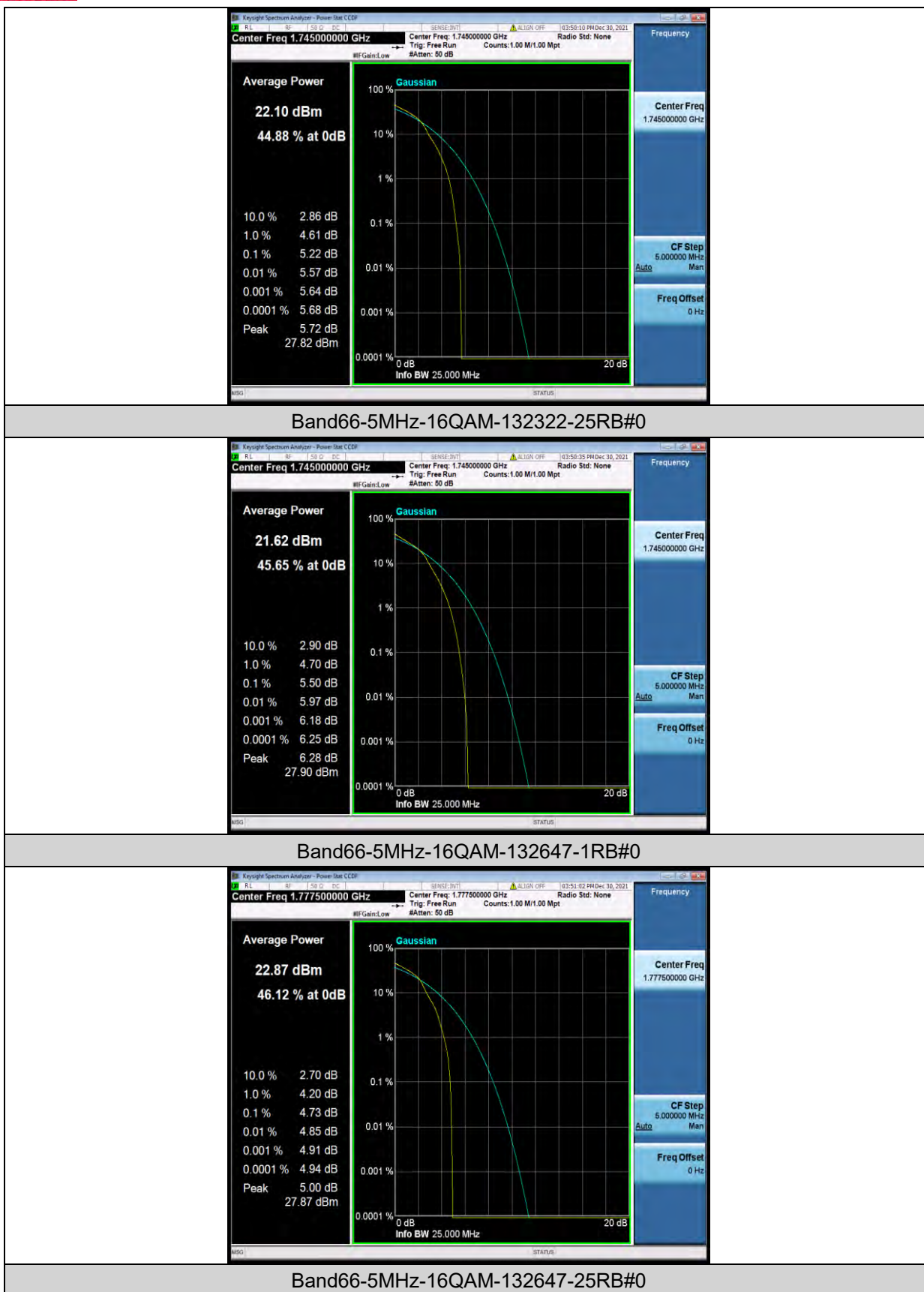


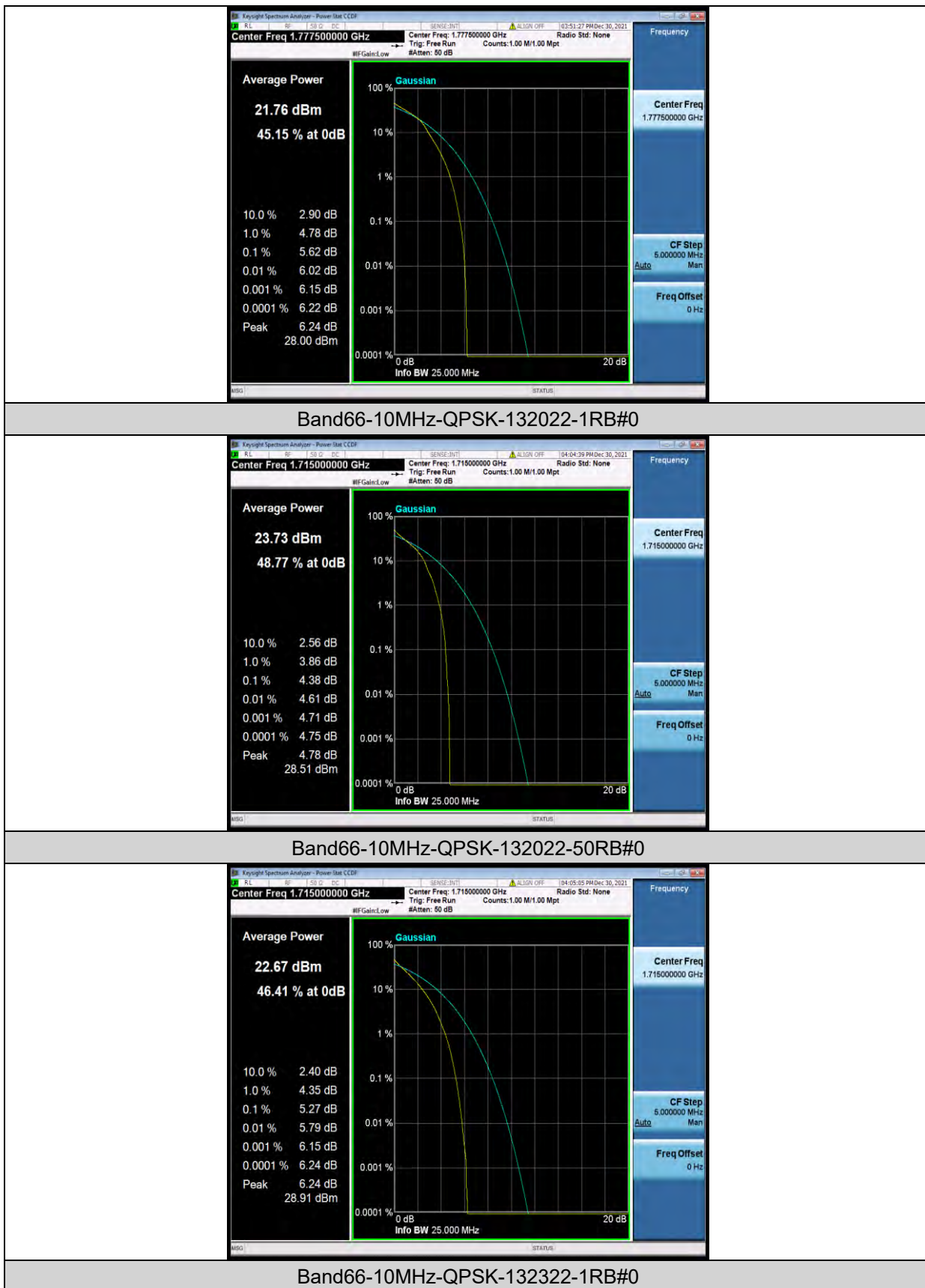


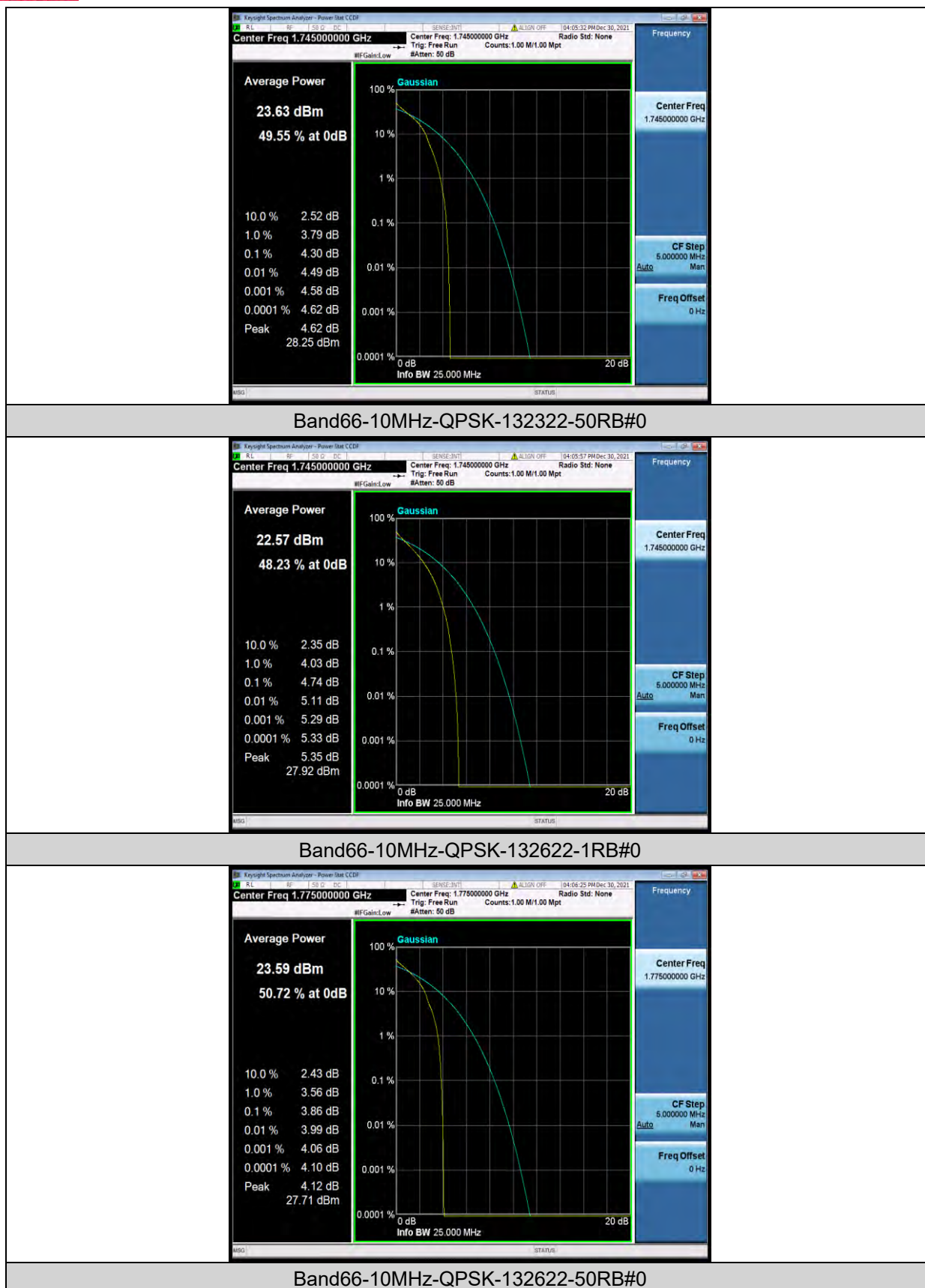


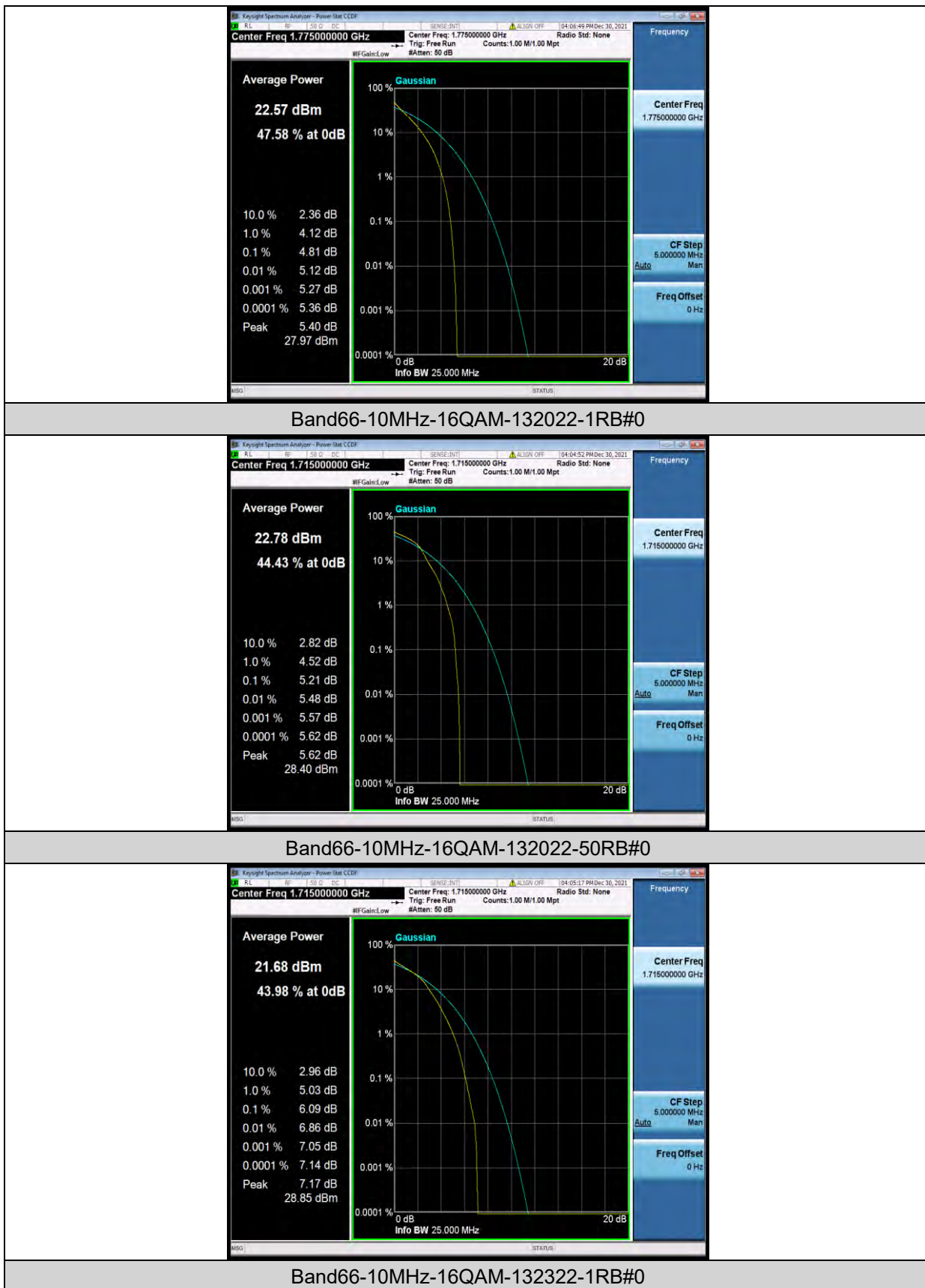


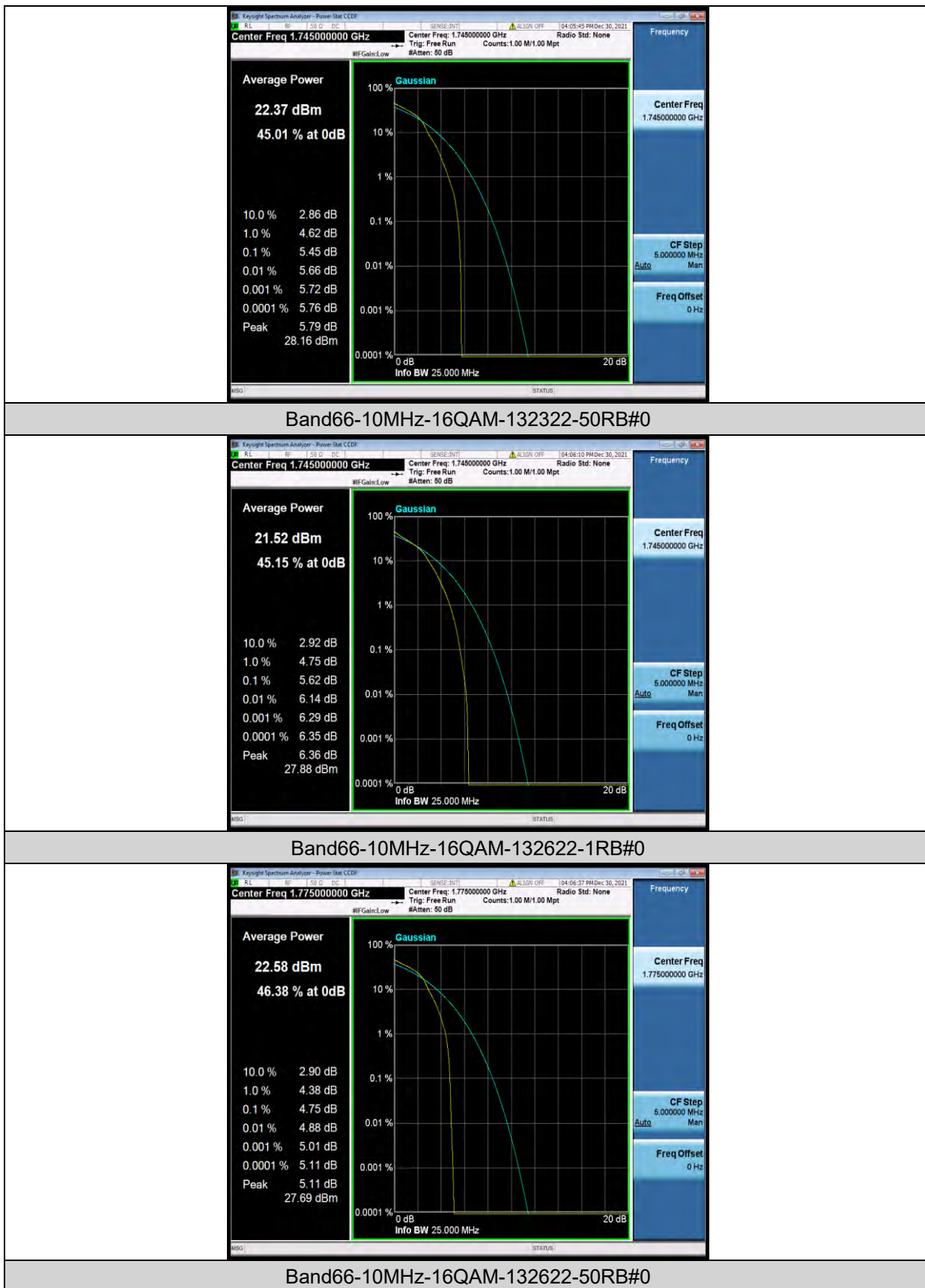


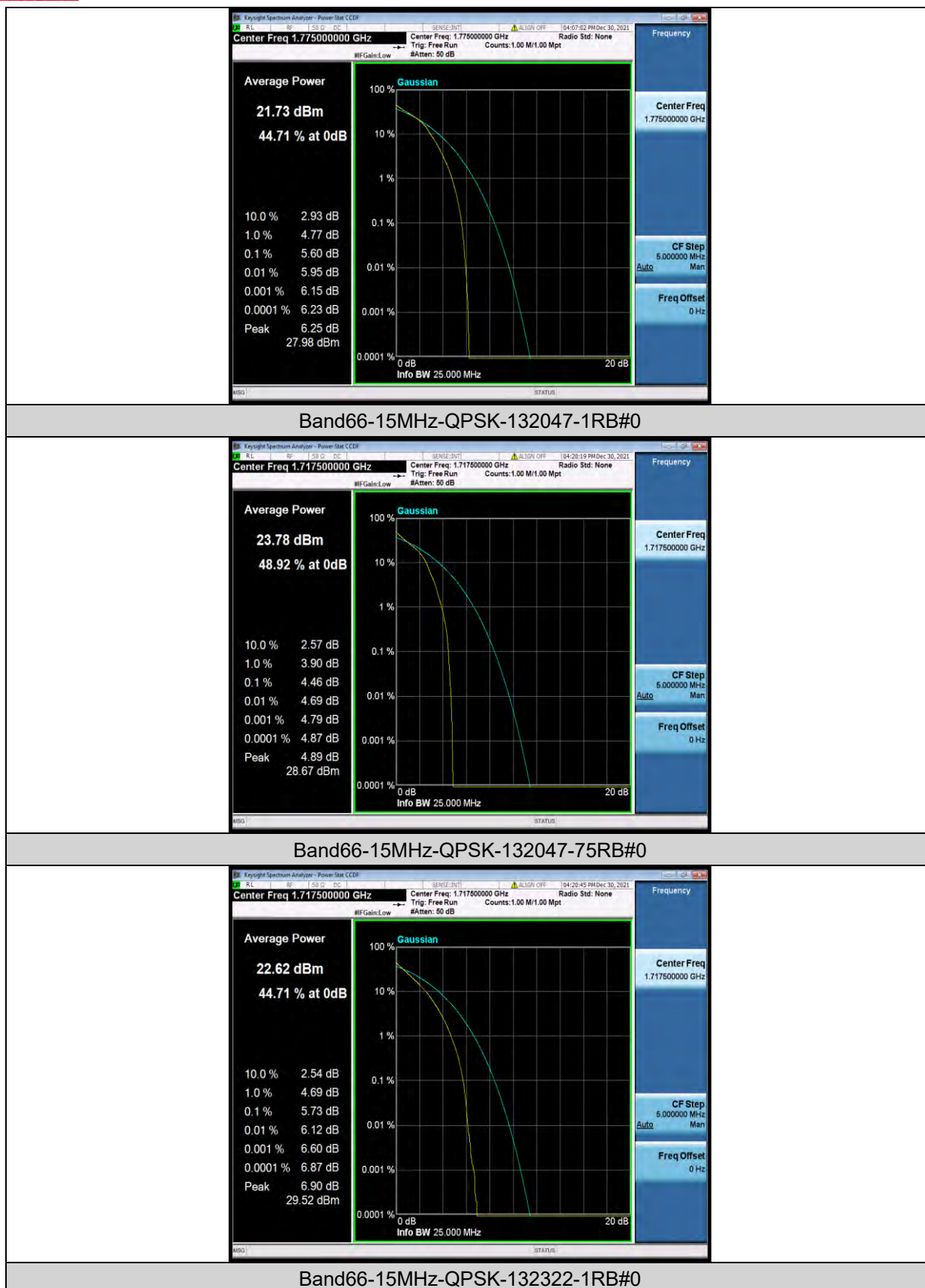


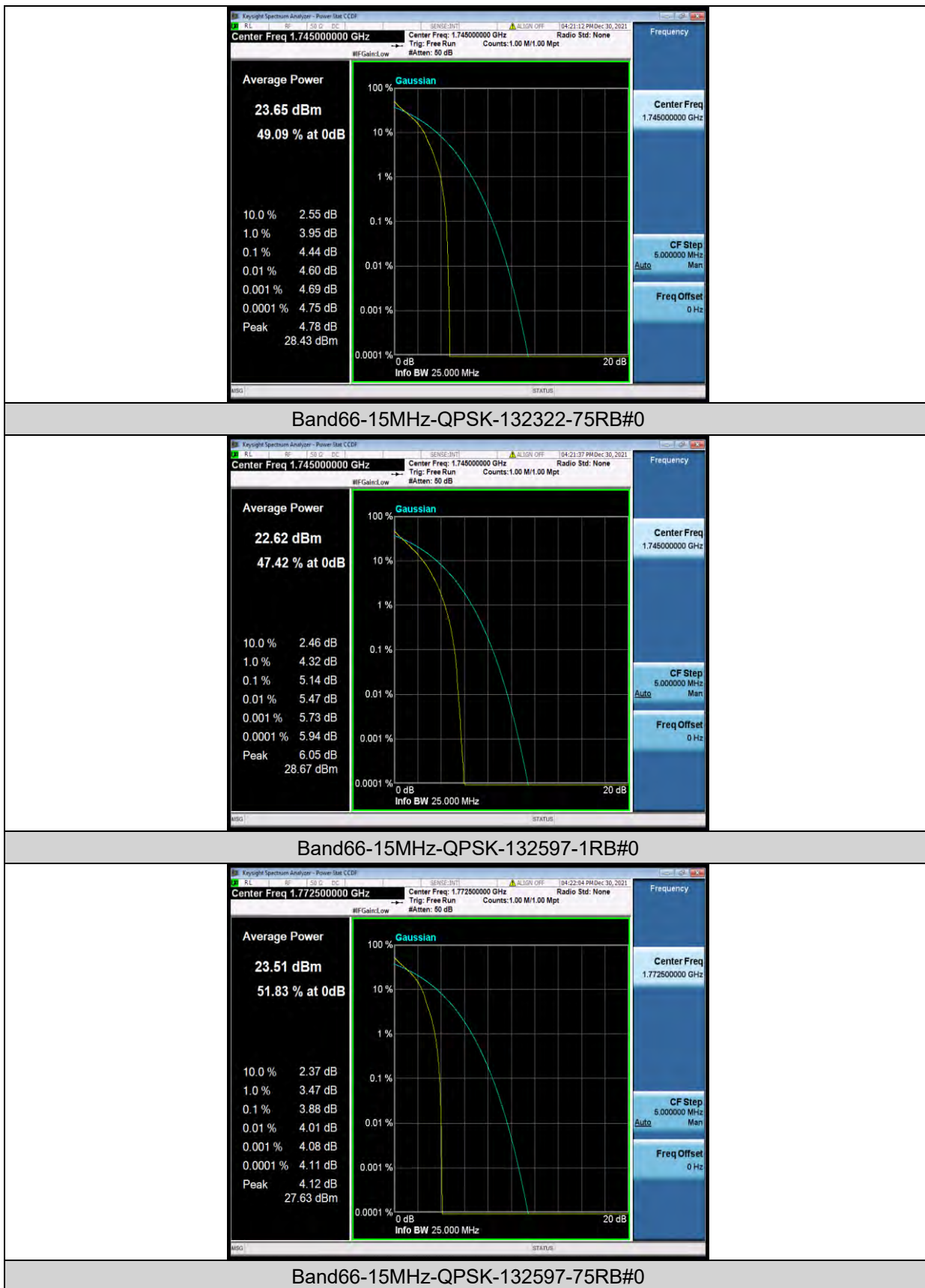


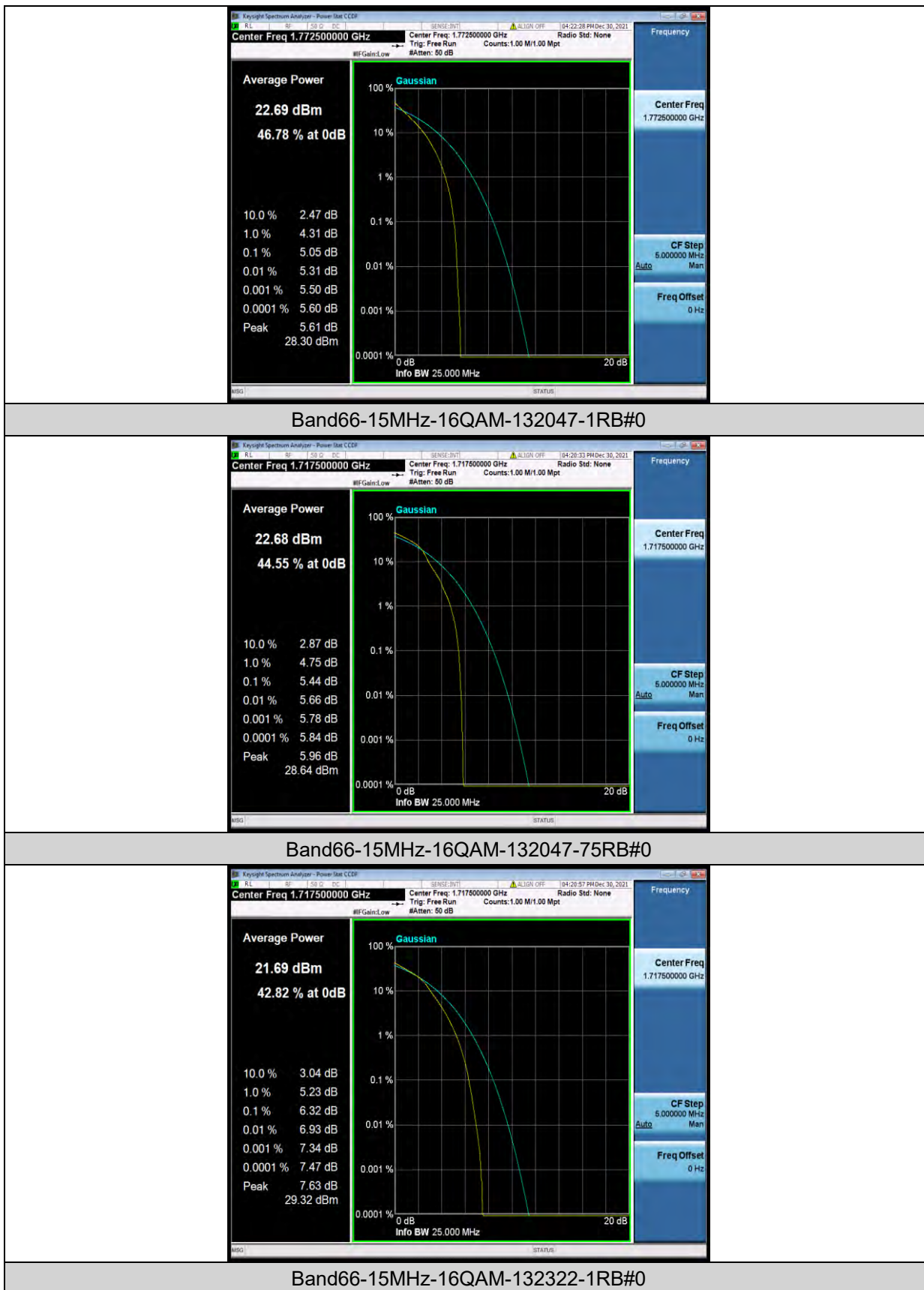


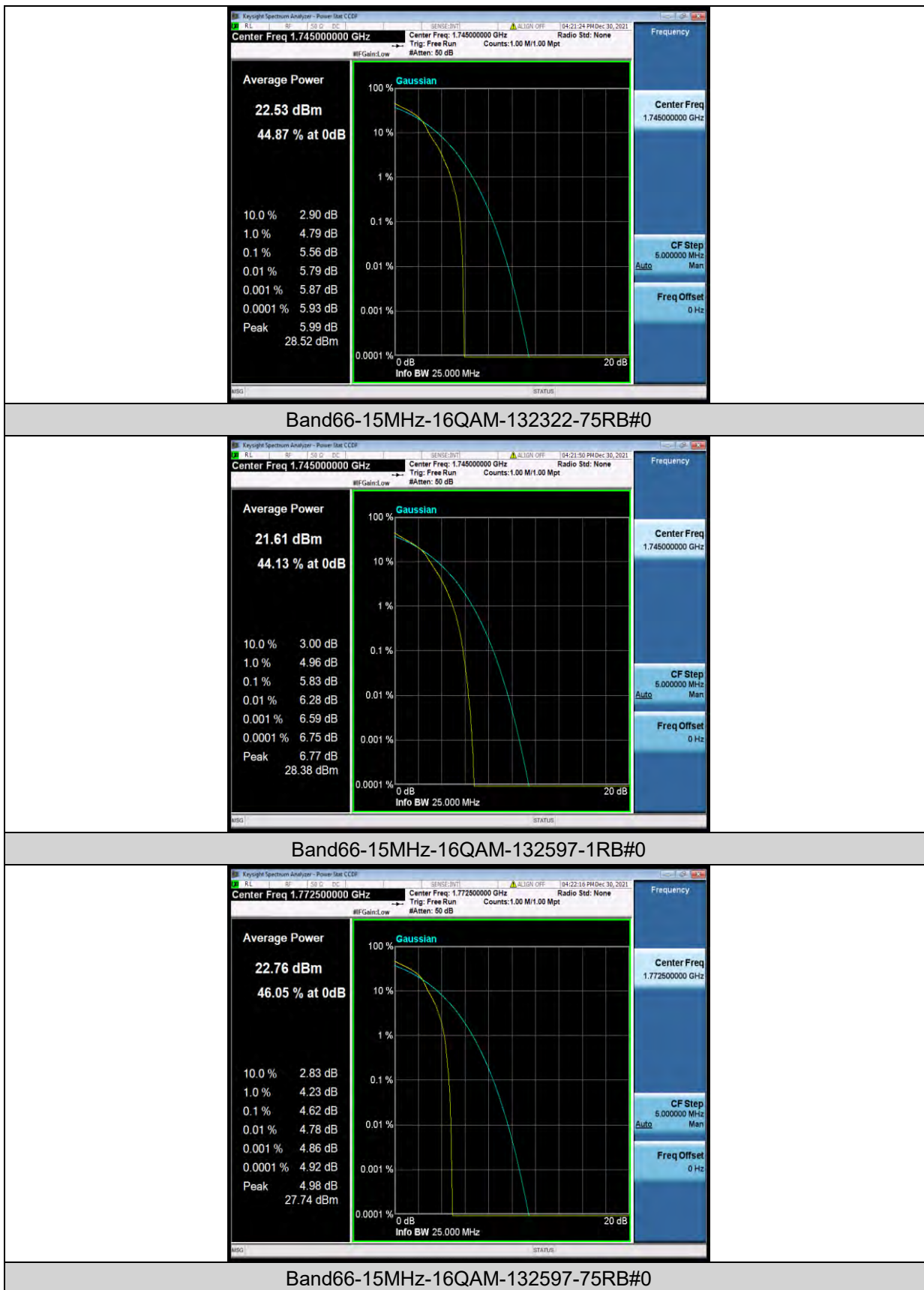


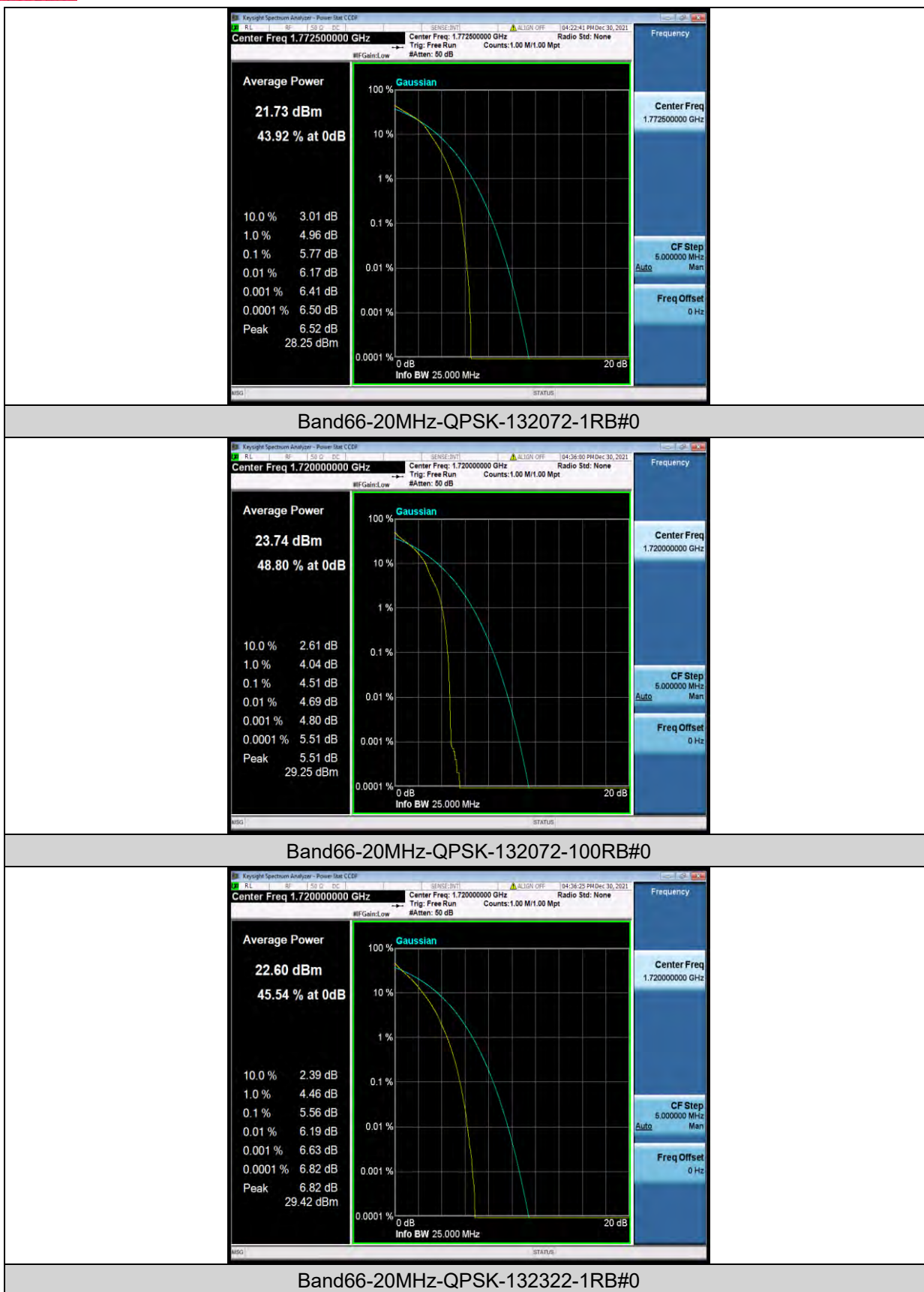


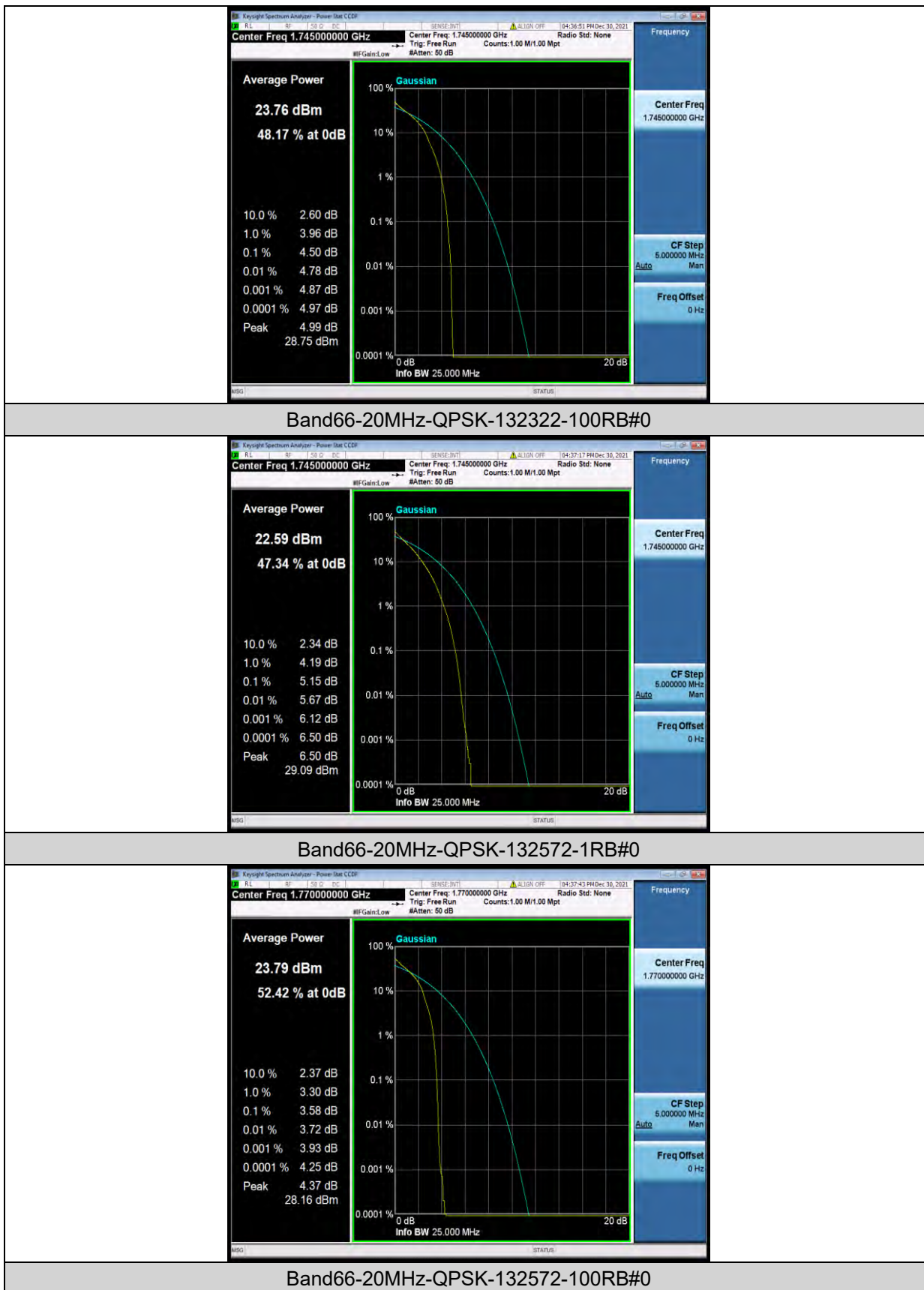


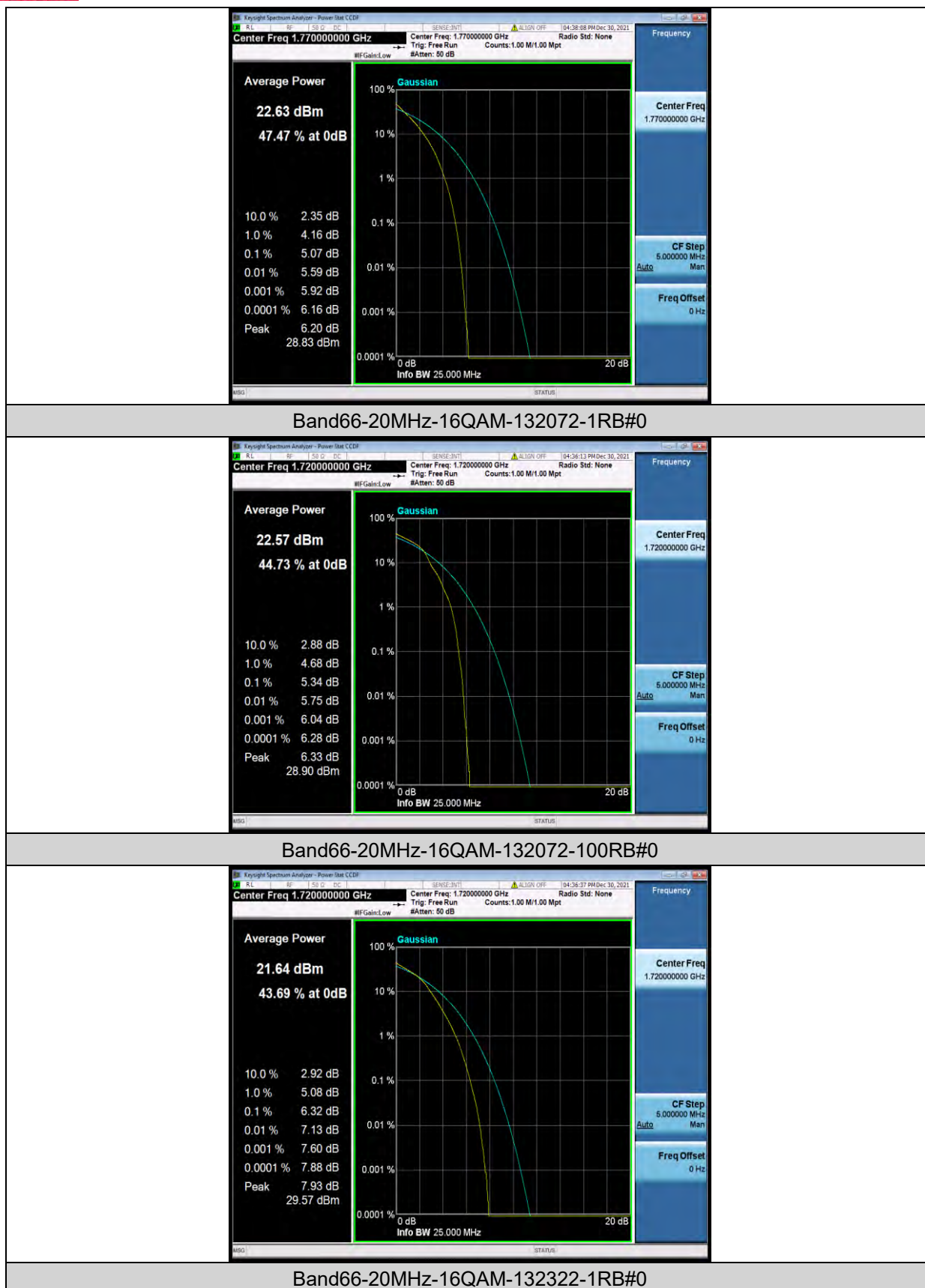


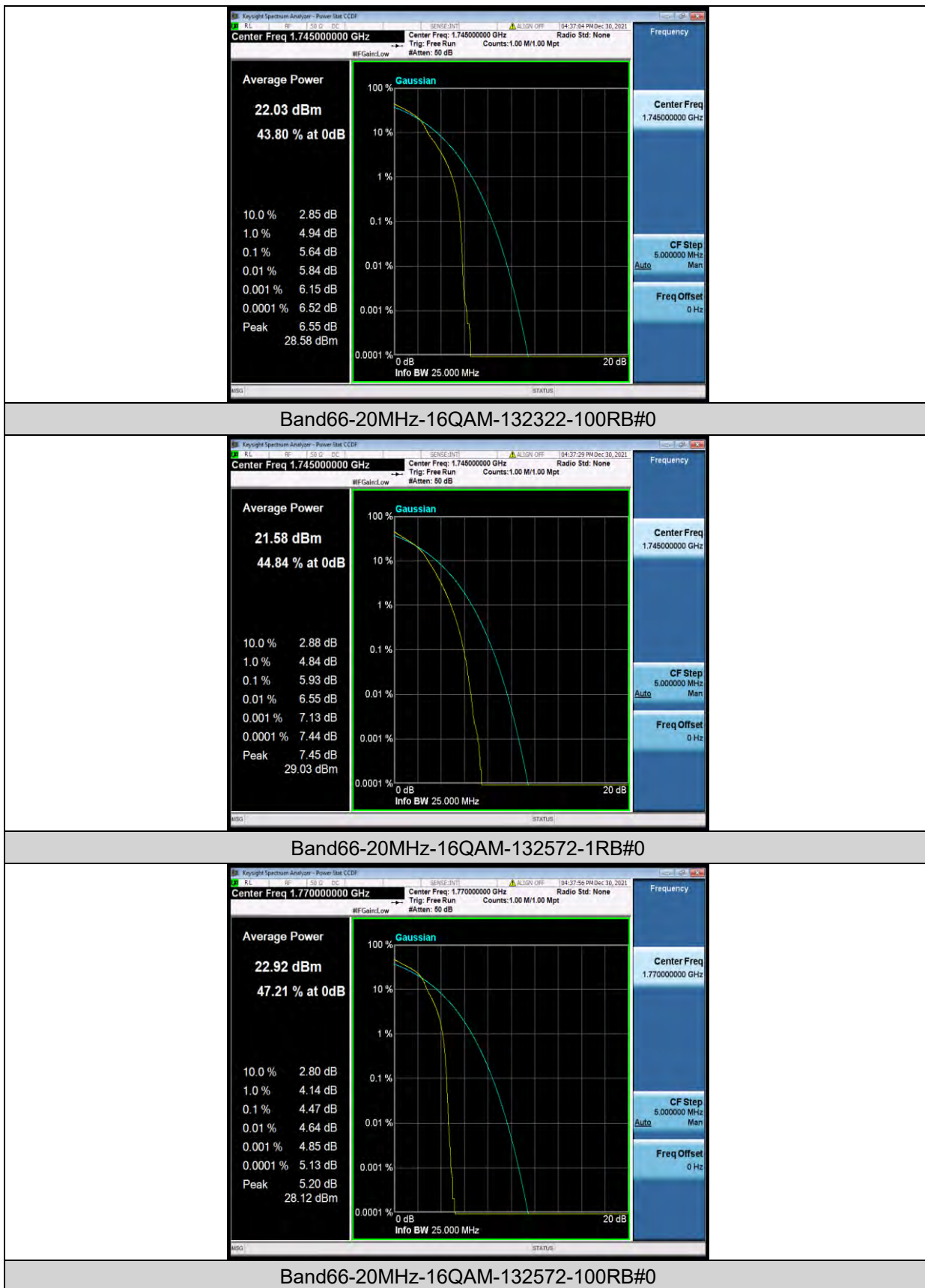


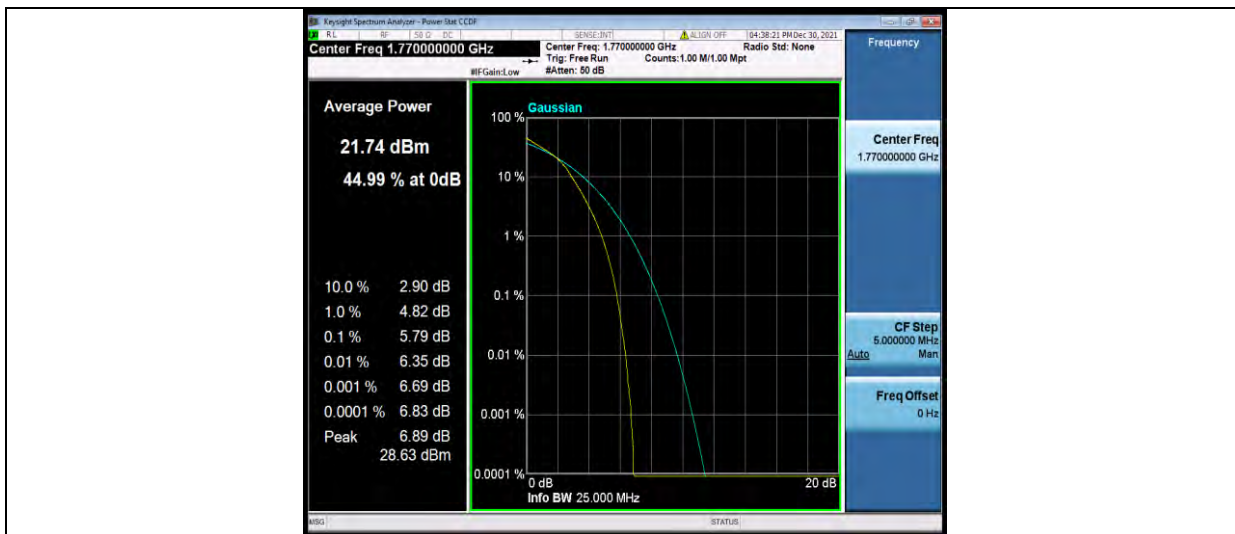




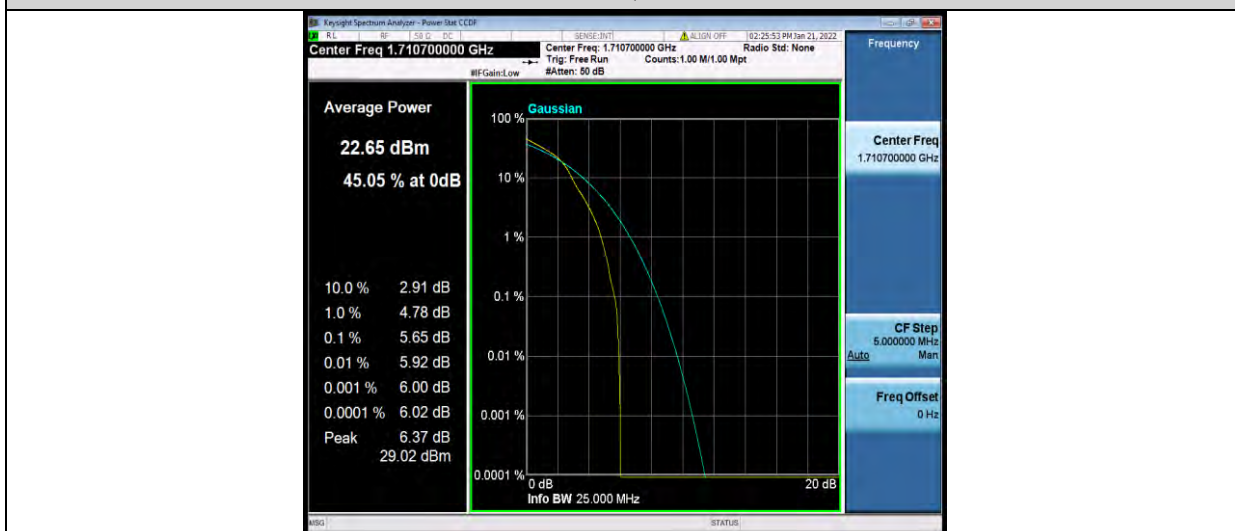




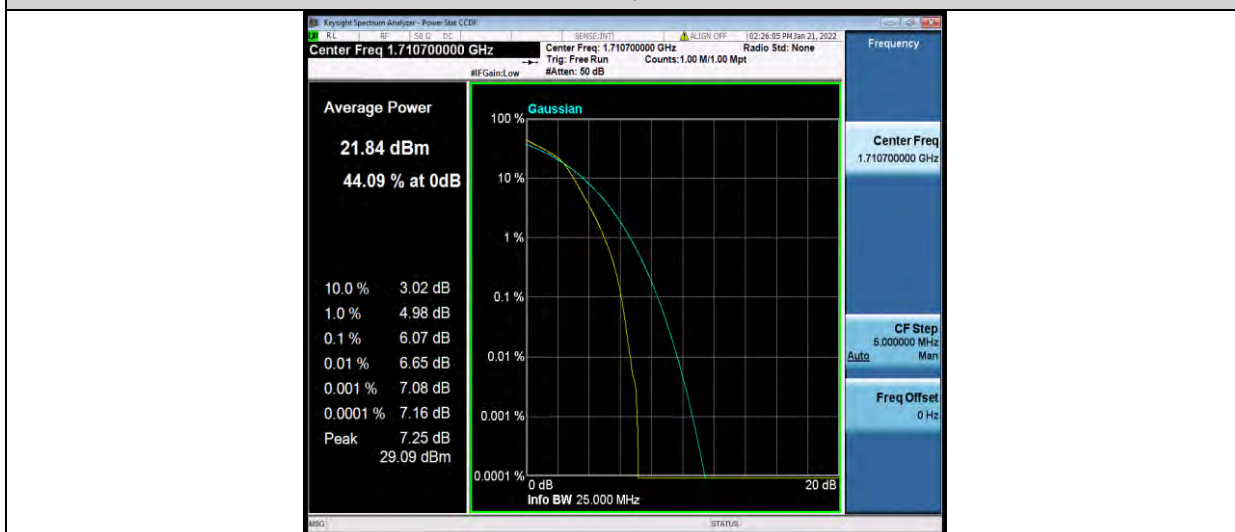




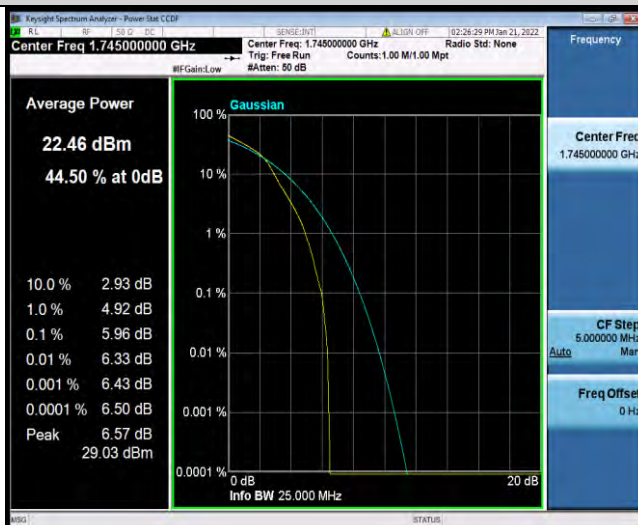
Band66-1.4MHz-64QAM-131979-1RB#0



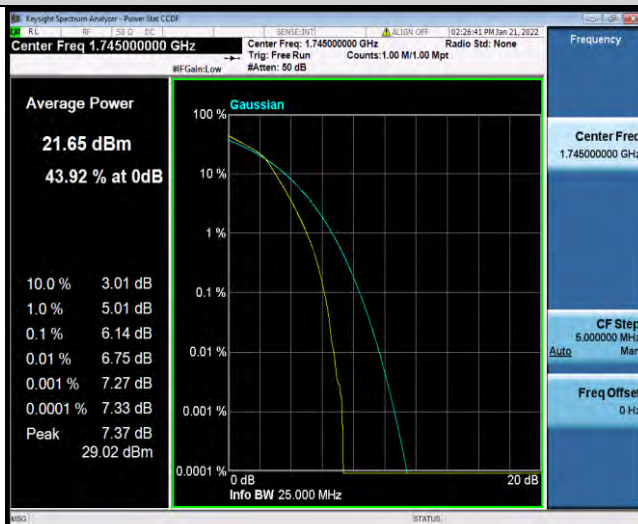
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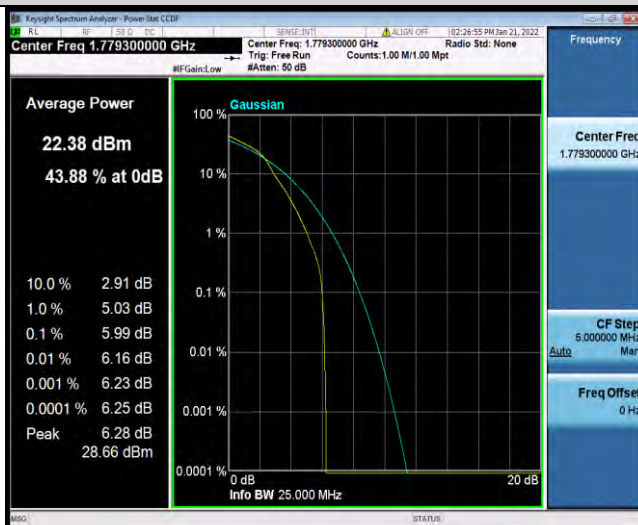
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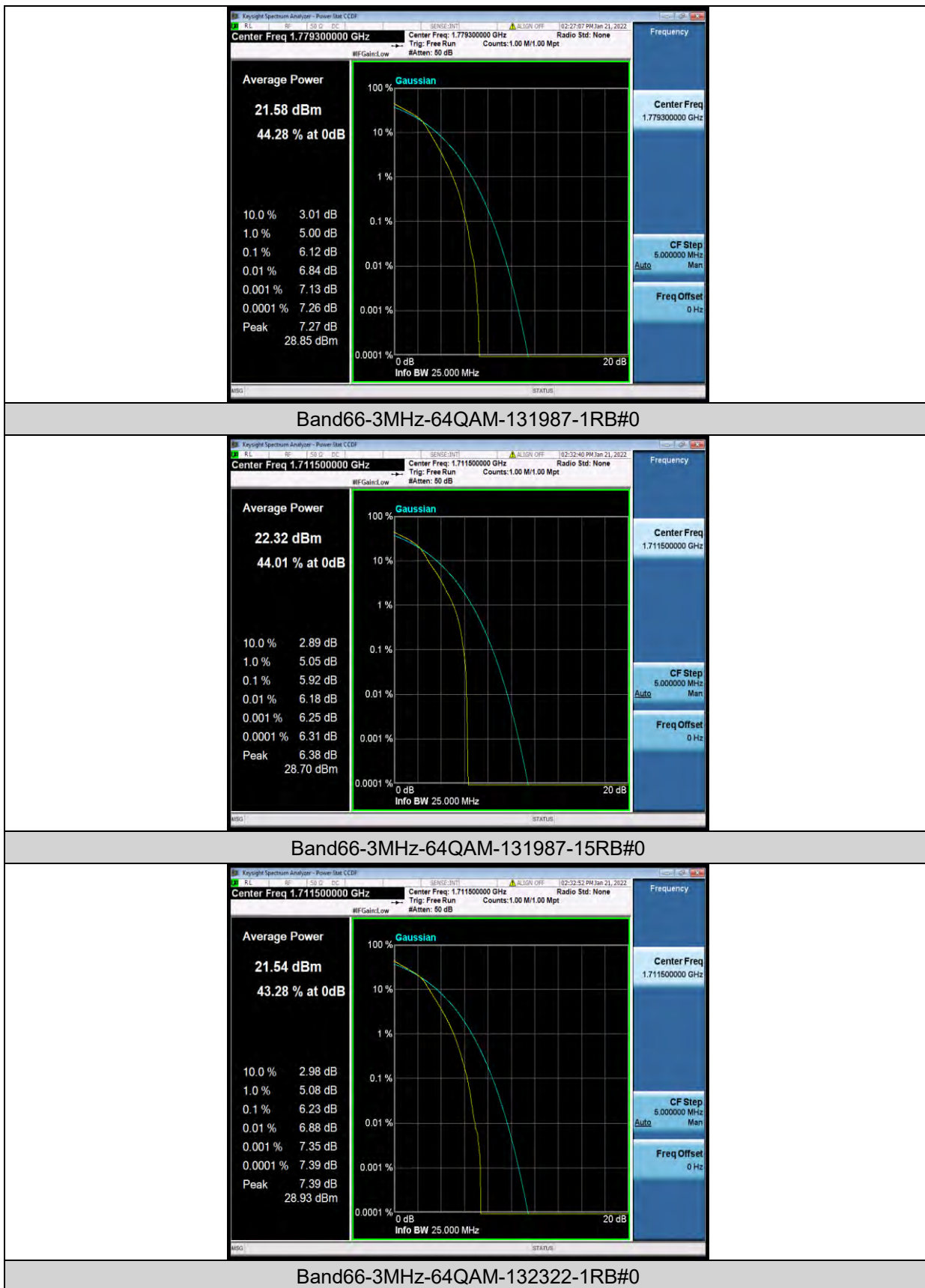
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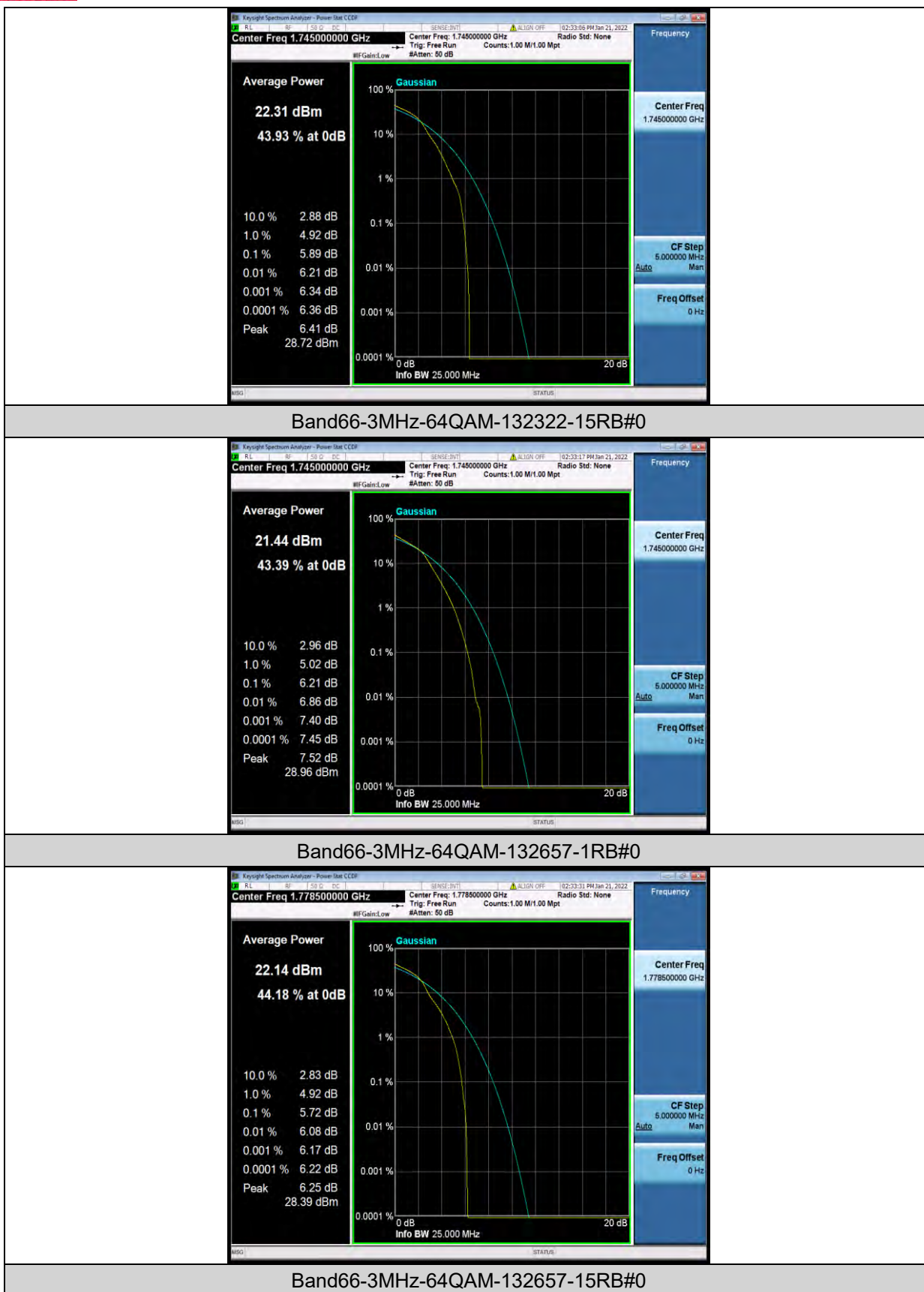


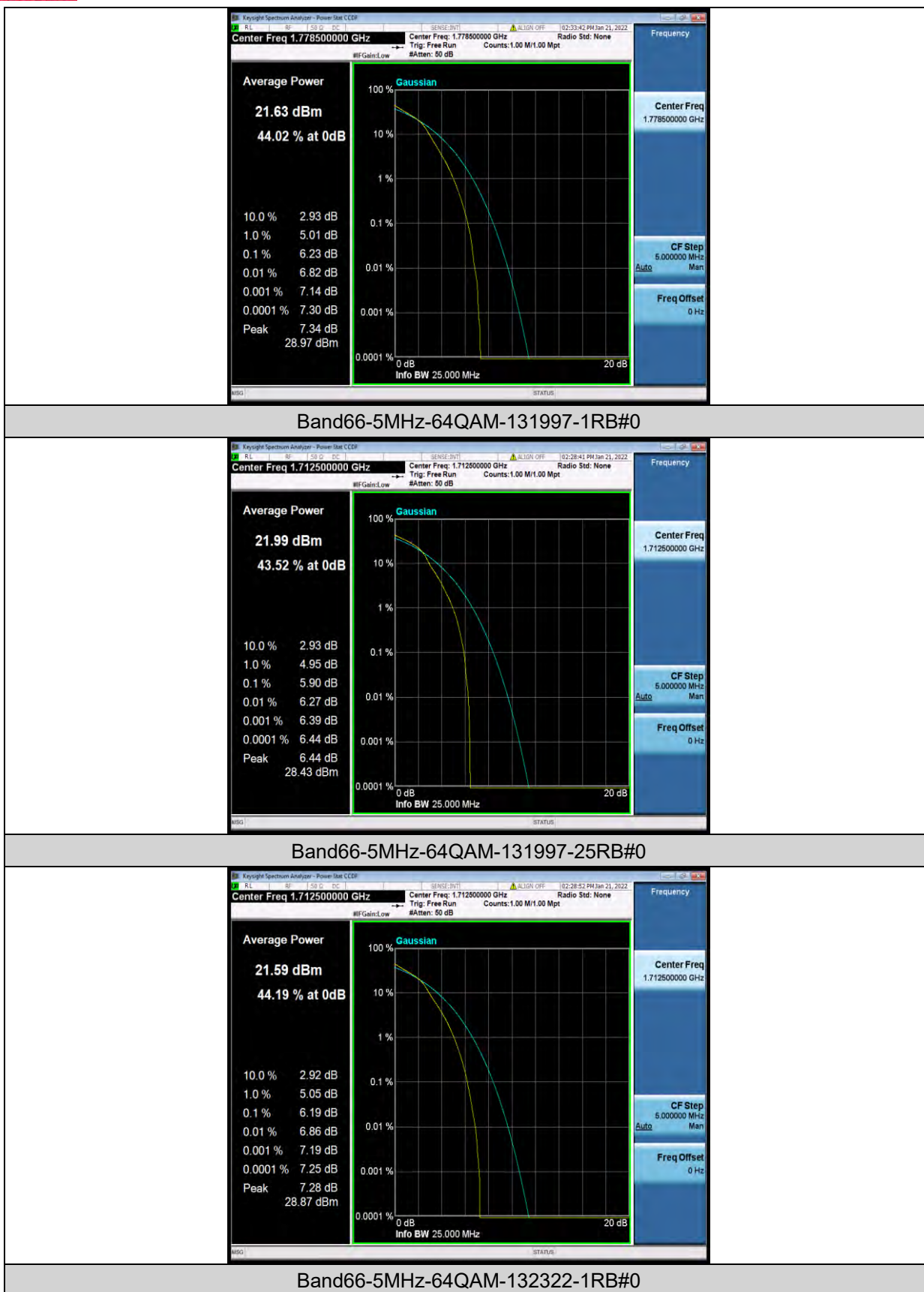
Band66-1.4MHz-64QAM-132665-1RB#0

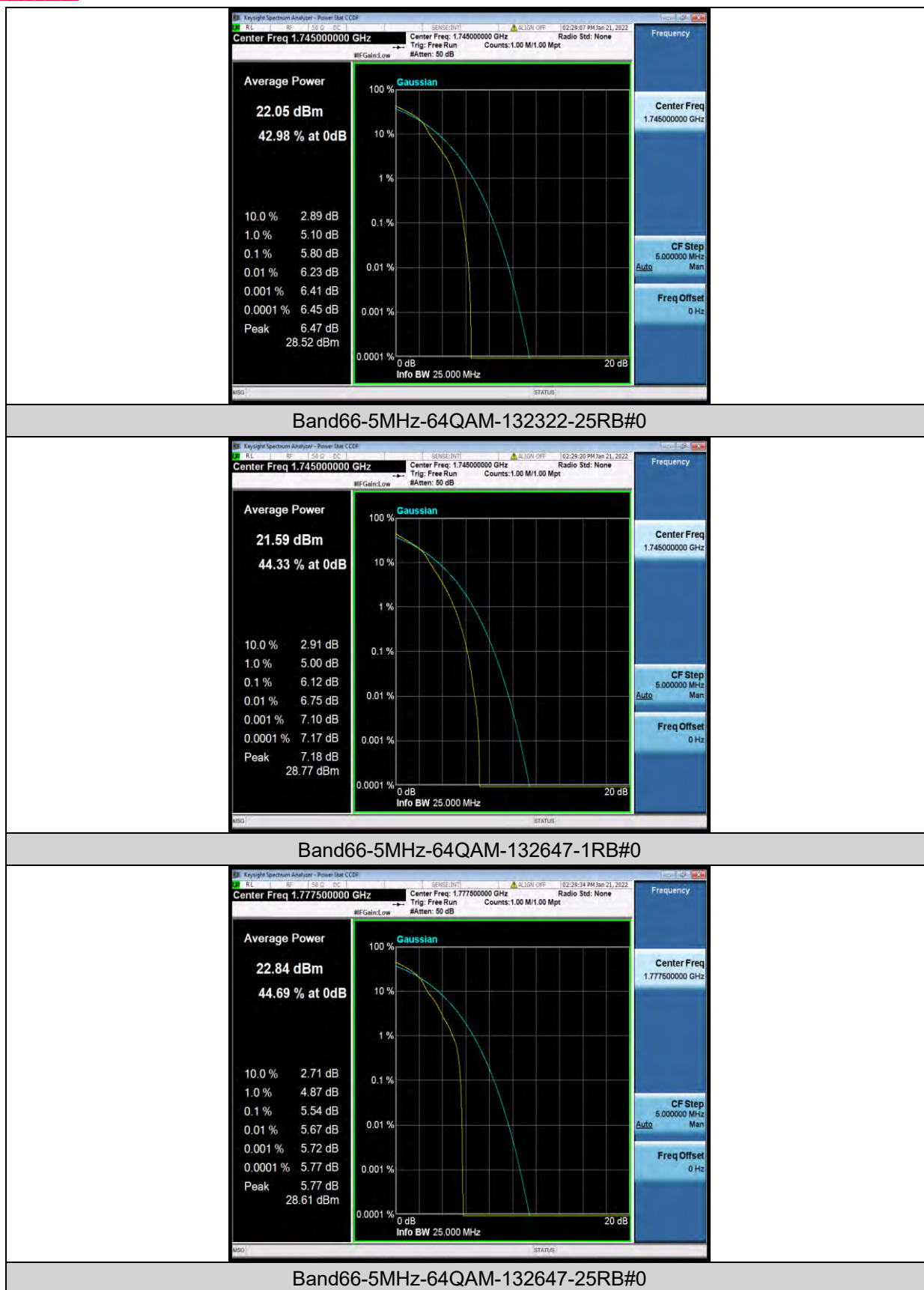


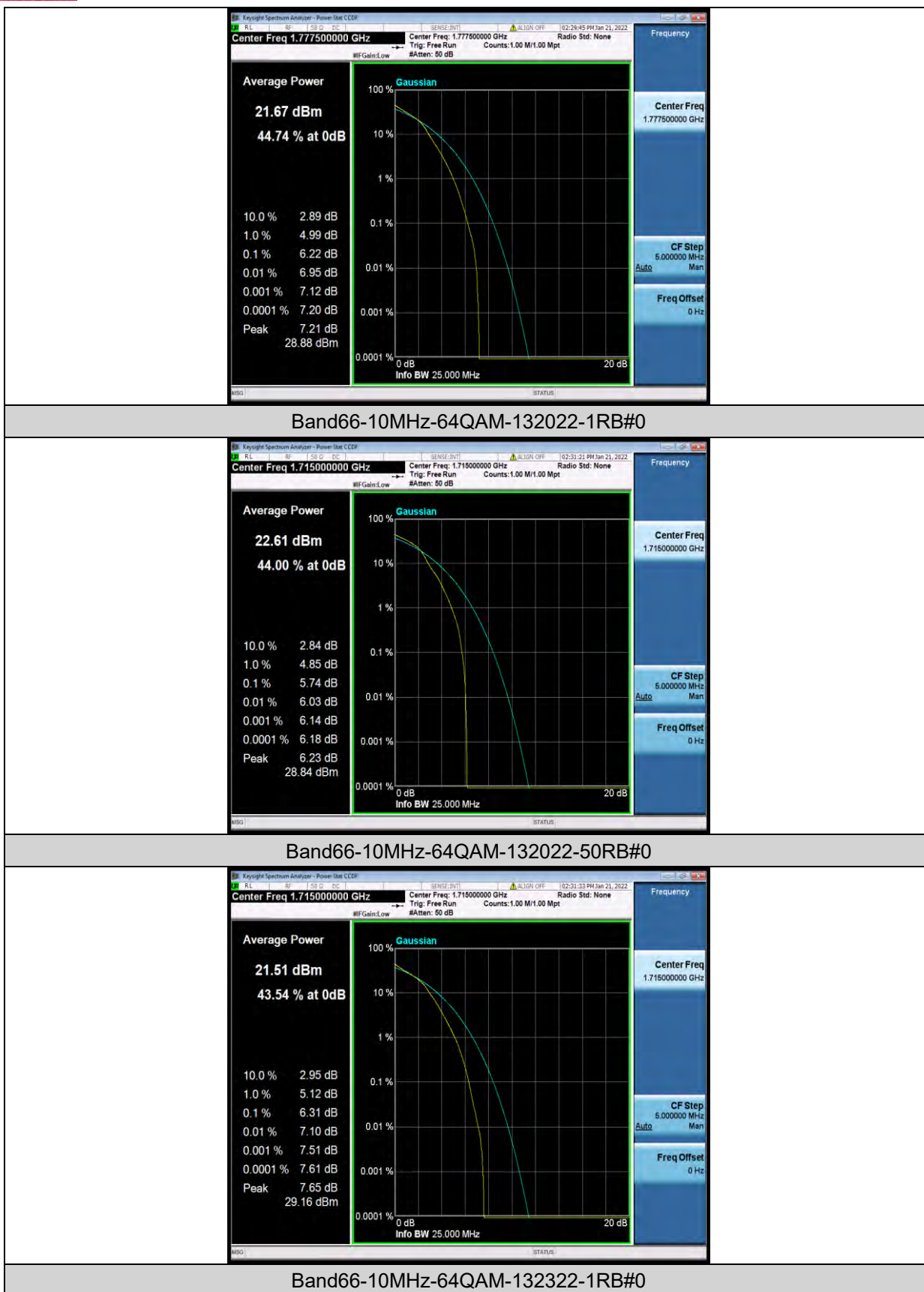
Band66-1.4MHz-64QAM-132665-6RB#0

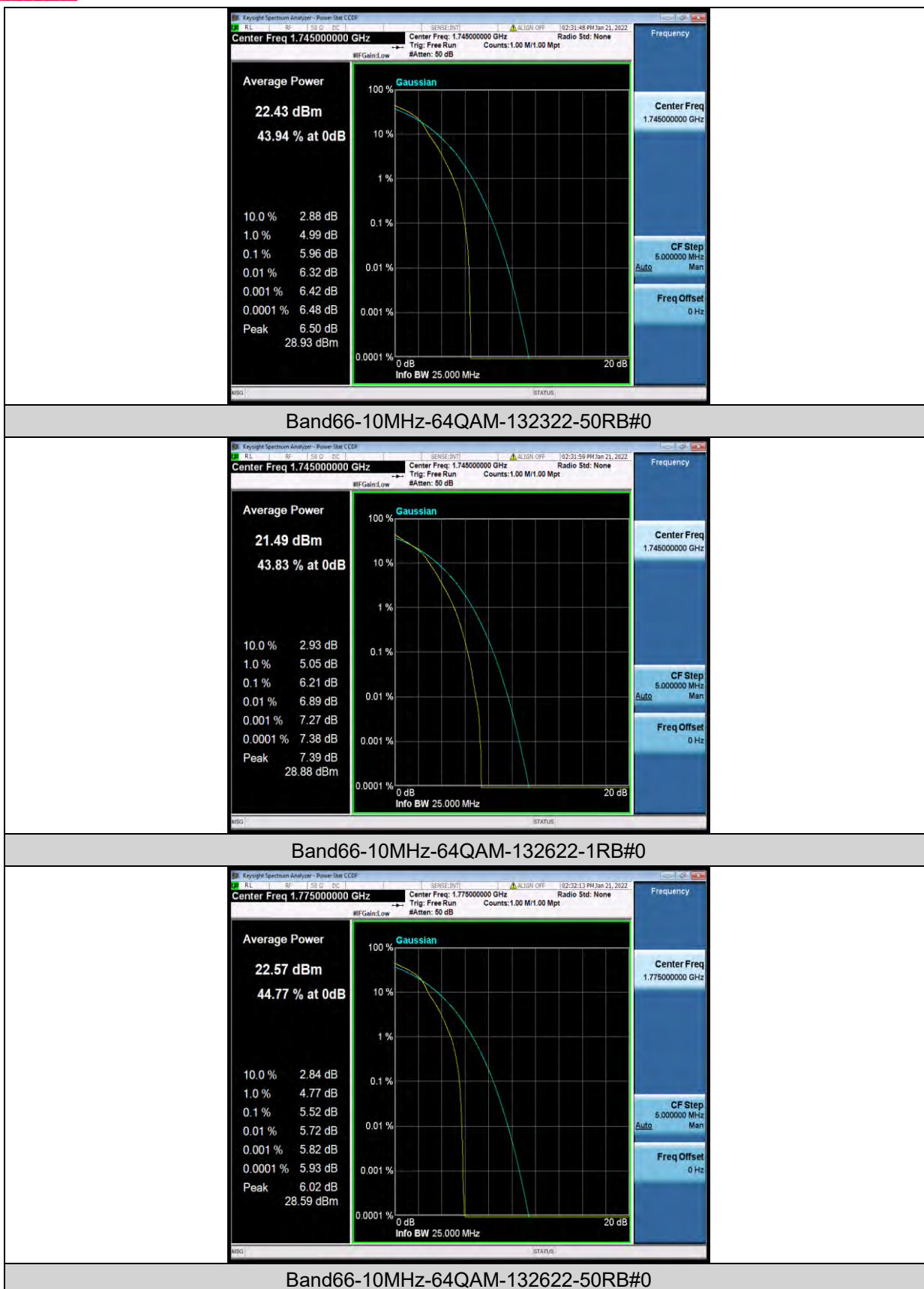


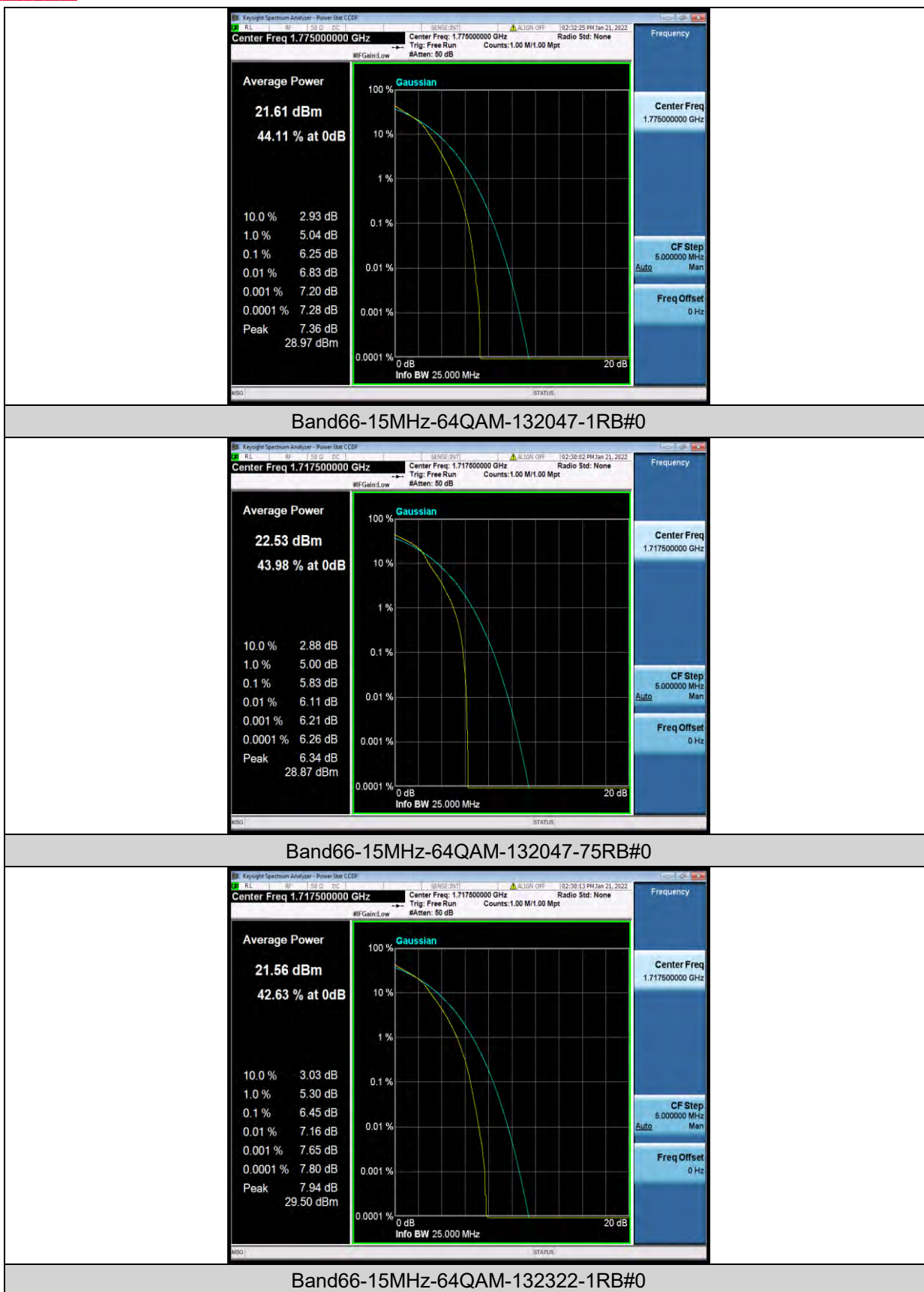


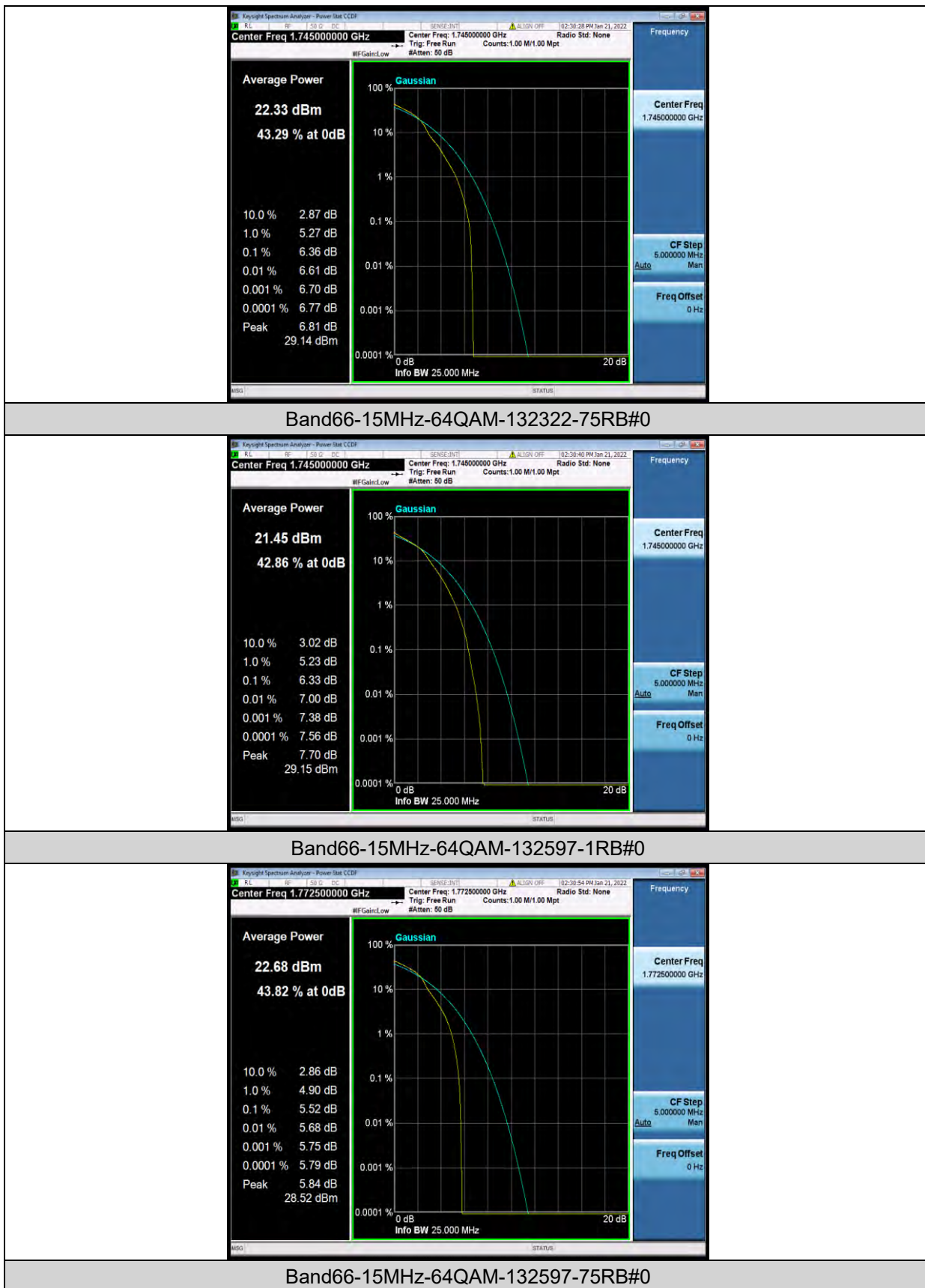


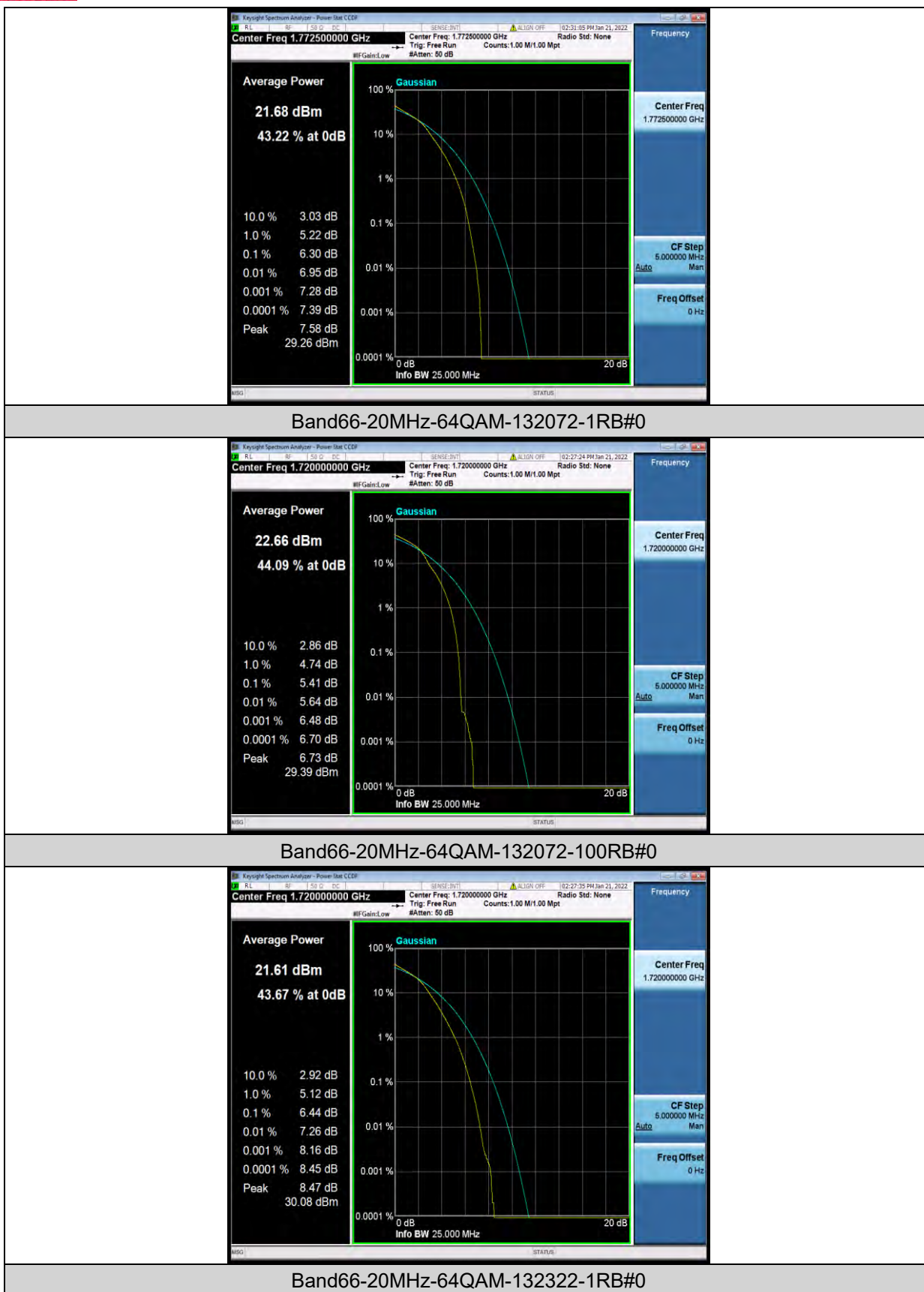


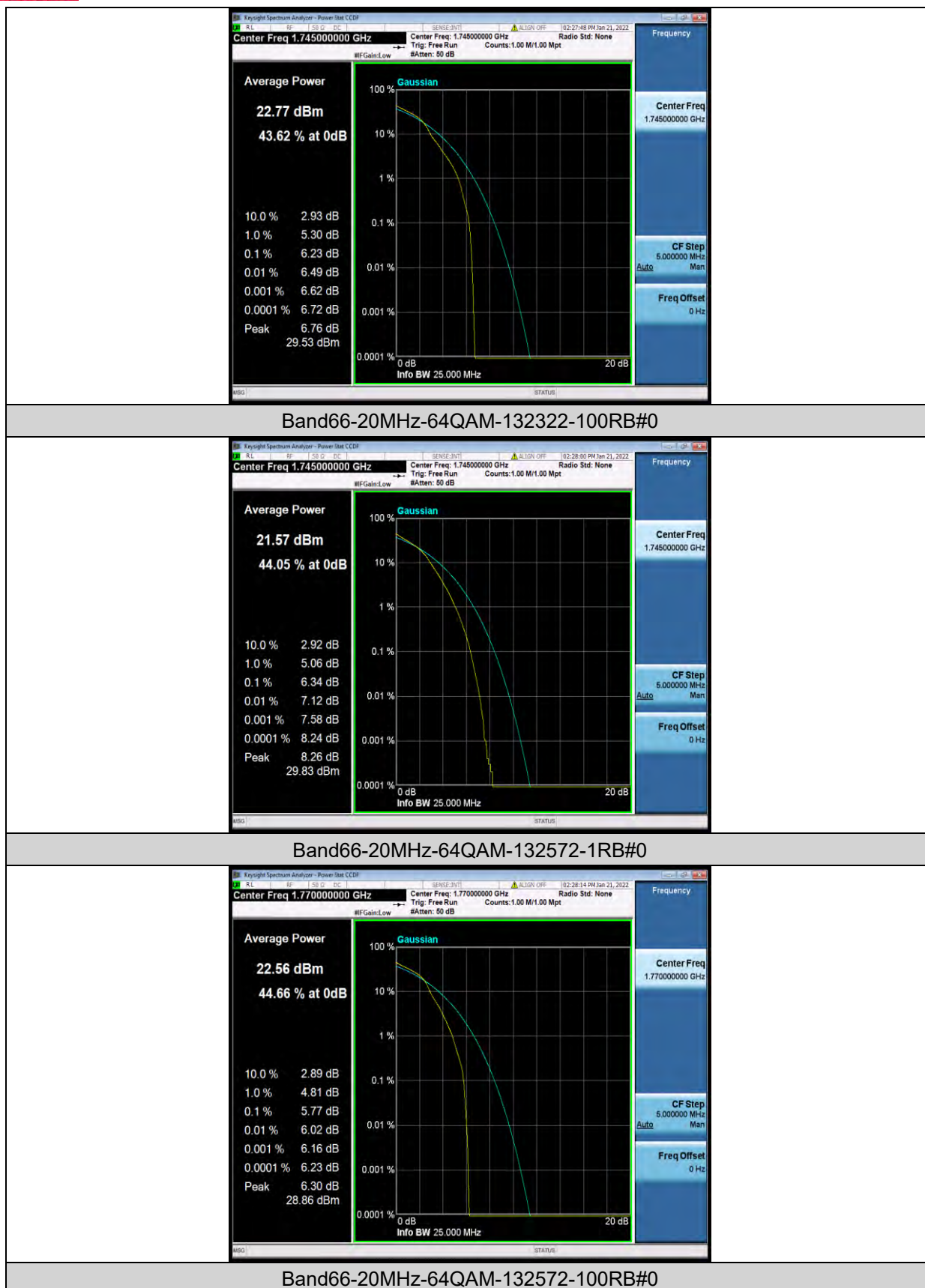


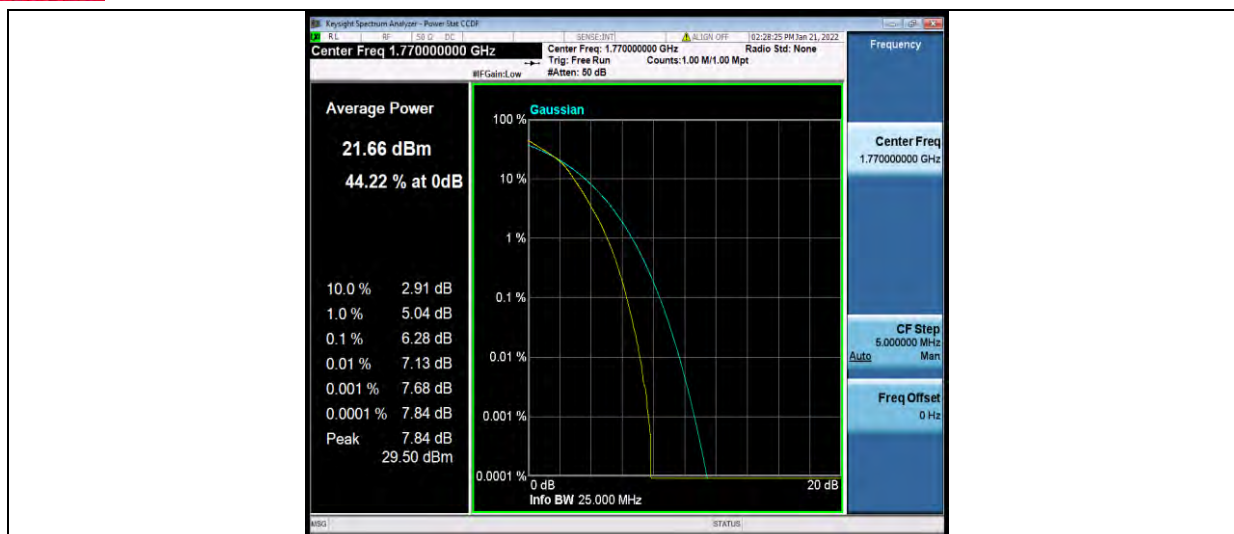












26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.0915	1.230	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0866	1.236	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0880	1.232	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.0929	1.246	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.0894	1.229	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.0893	1.223	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.6982	2.933	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.6942	2.943	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.7001	2.973	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6947	2.961	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6925	2.972	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6949	2.978	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.4961	4.869	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.5017	4.904	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.4951	4.877	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.5039	4.868	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.4990	4.861	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.4973	4.891	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.9879	9.547	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.9844	9.599	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.9842	9.577	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.9692	9.575	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.9659	9.599	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.9875	9.640	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.465	14.28	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.474	14.33	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.458	14.35	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.456	14.30	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.453	14.30	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.458	14.34	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.972	19.01	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.974	19.09	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.959	19.01	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.963	19.03	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.990	19.06	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.969	19.01	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.0897	1.235	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.0904	1.236	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.0908	1.232	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.6963	2.968	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.6956	2.968	PASS