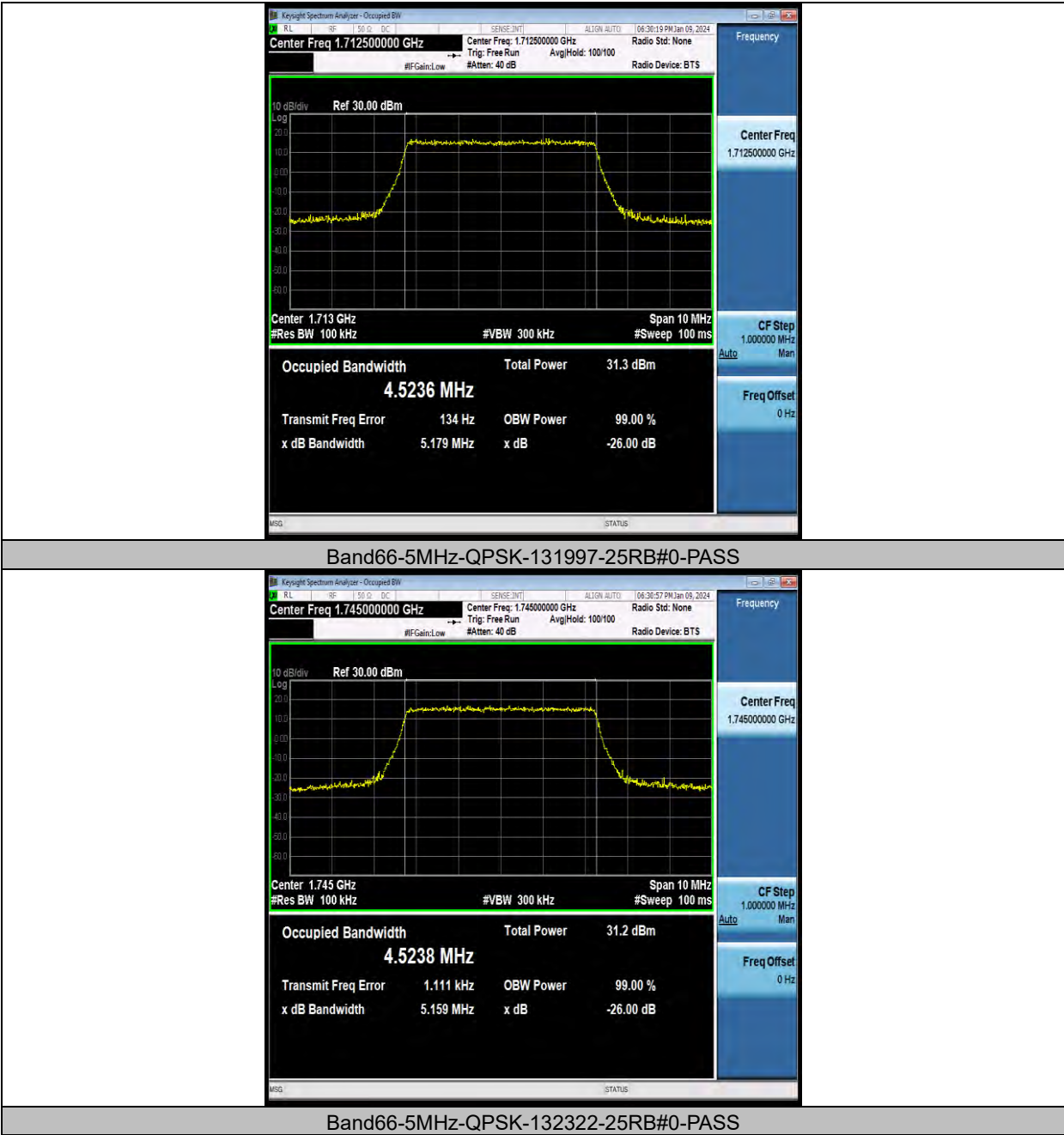


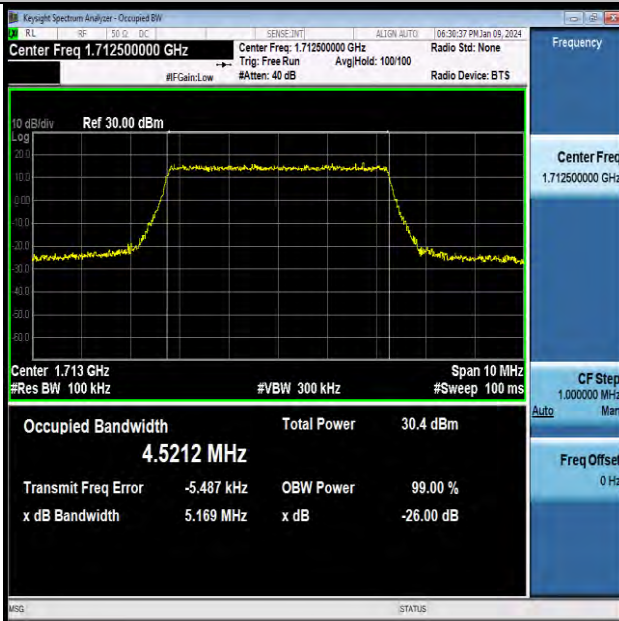


Test Report No.: W7L-P23120020RF04





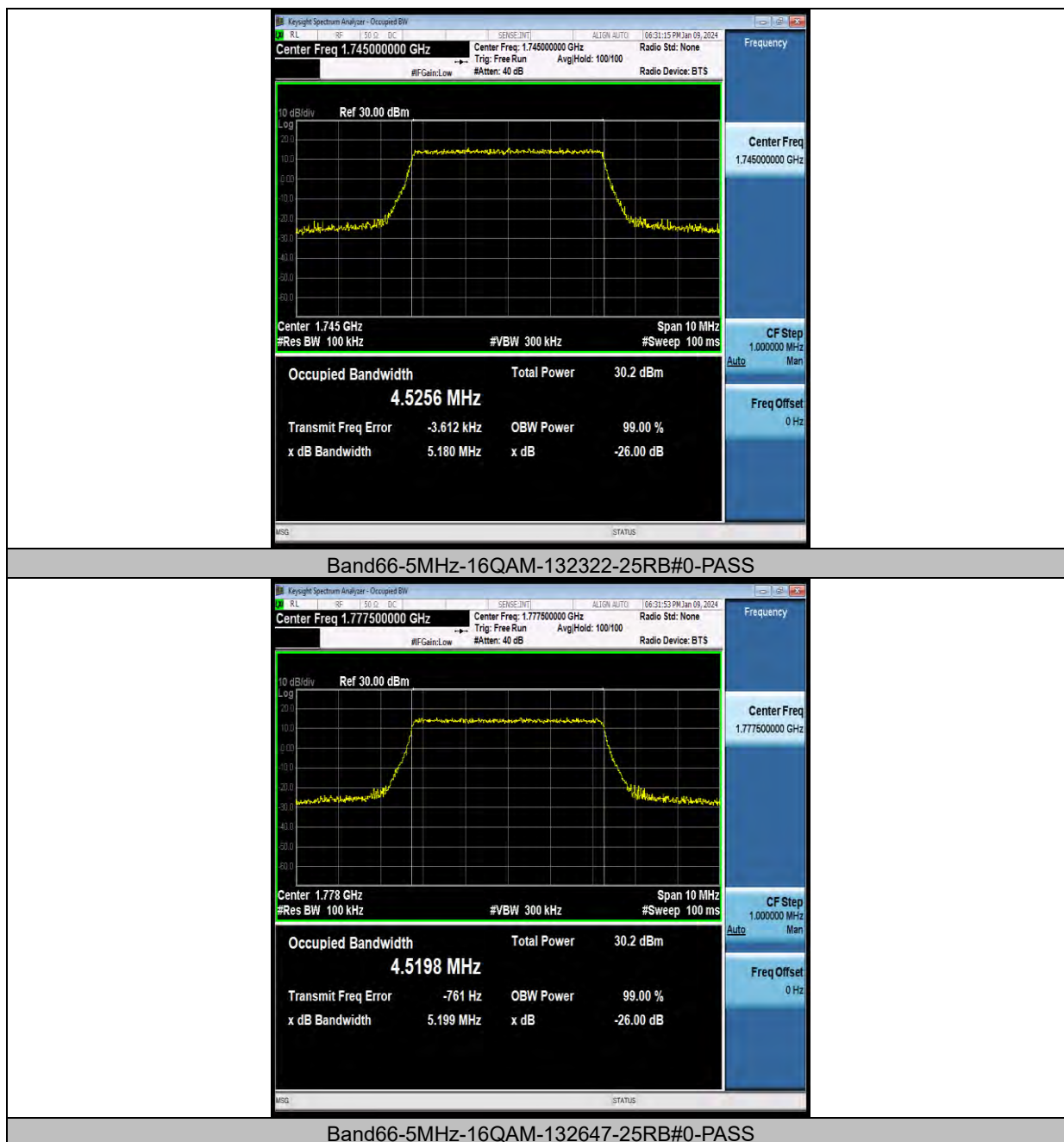
Band66-5MHz-QPSK-132647-25RB#0-PASS

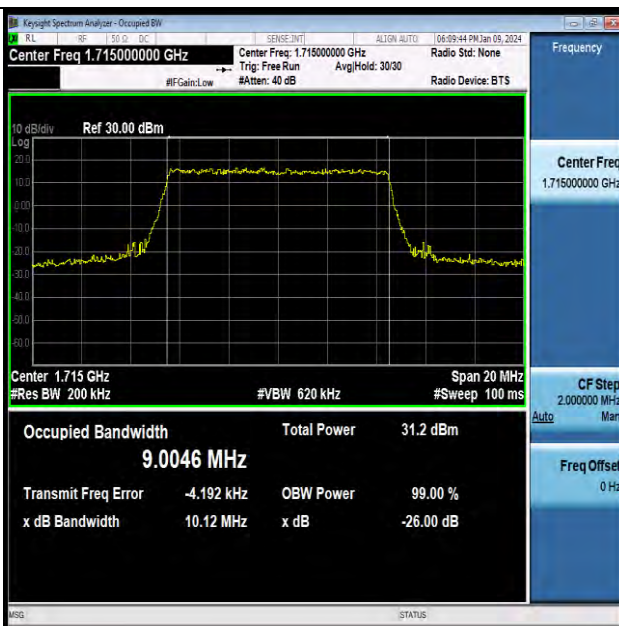


Band66-5MHz-16QAM-131997-25RB#0-PASS



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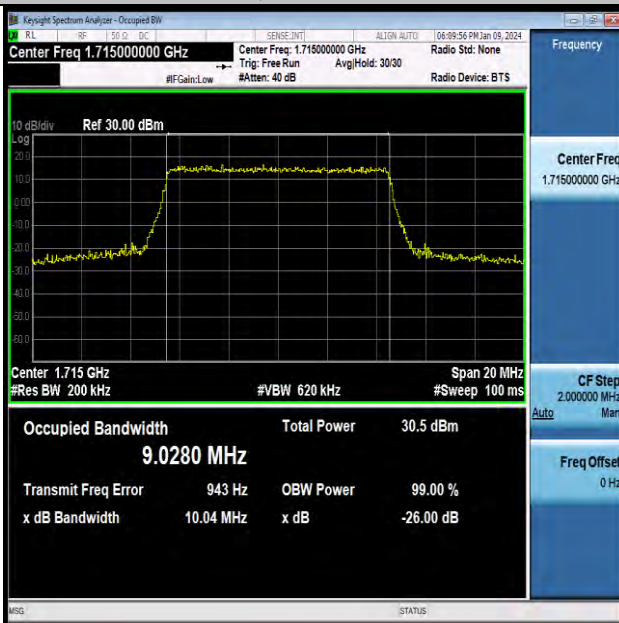
Band66-10MHz-QPSK-132022-50RB#0-PASS



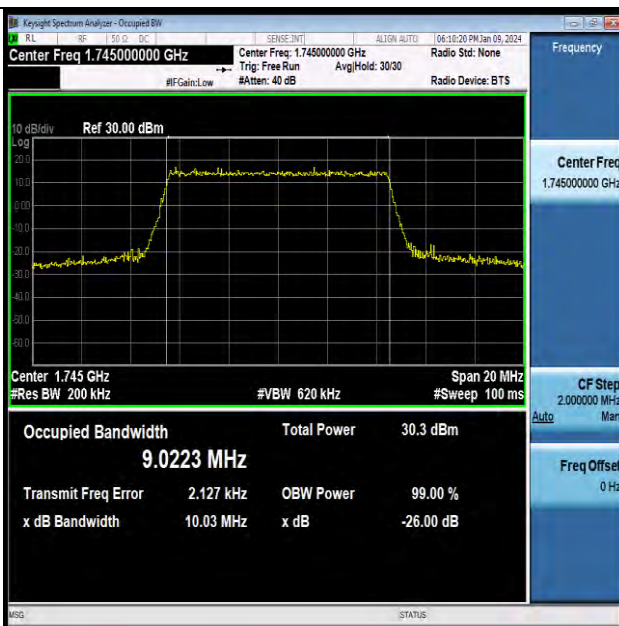
Band66-10MHz-QPSK-132322-50RB#0-PASS



Band66-10MHz-QPSK-132622-50RB#0-PASS



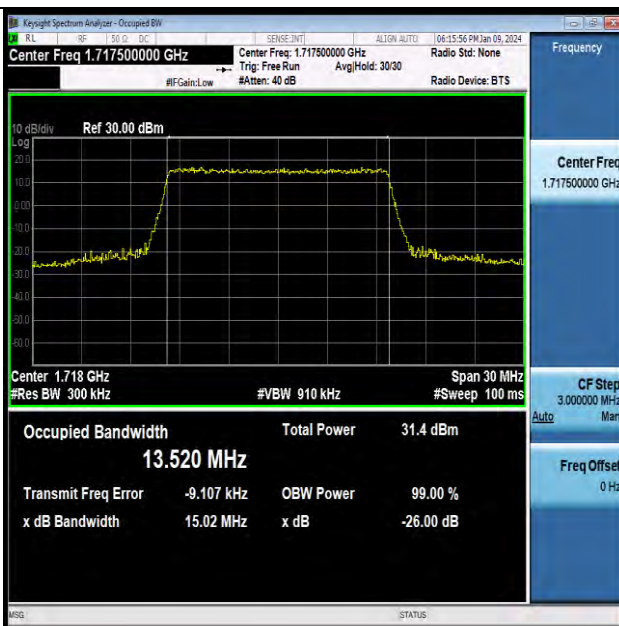
Band66-10MHz-16QAM-132022-50RB#0-PASS



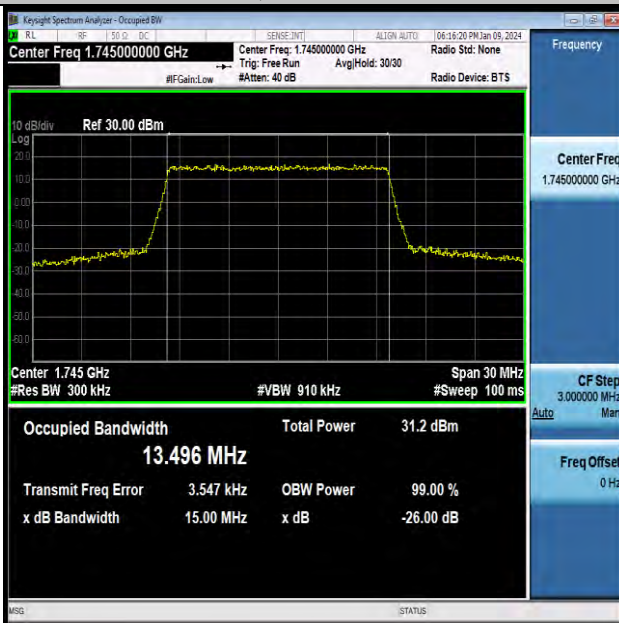
Band66-10MHz-16QAM-132322-50RB#0-PASS



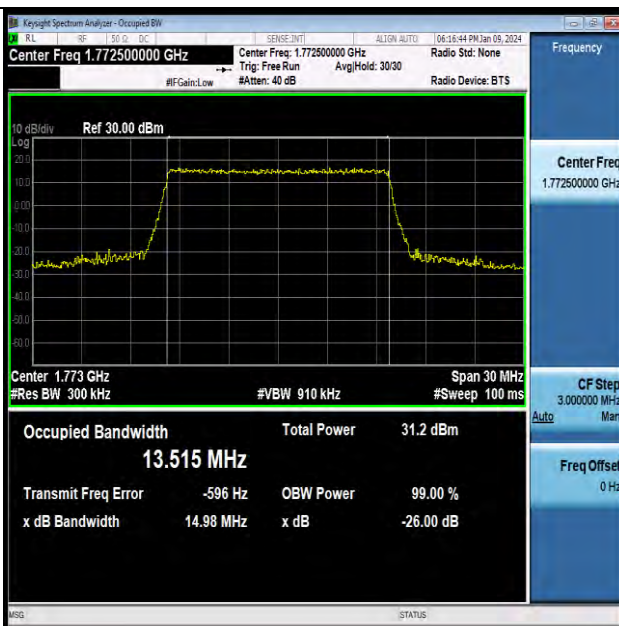
Band66-10MHz-16QAM-132622-50RB#0-PASS



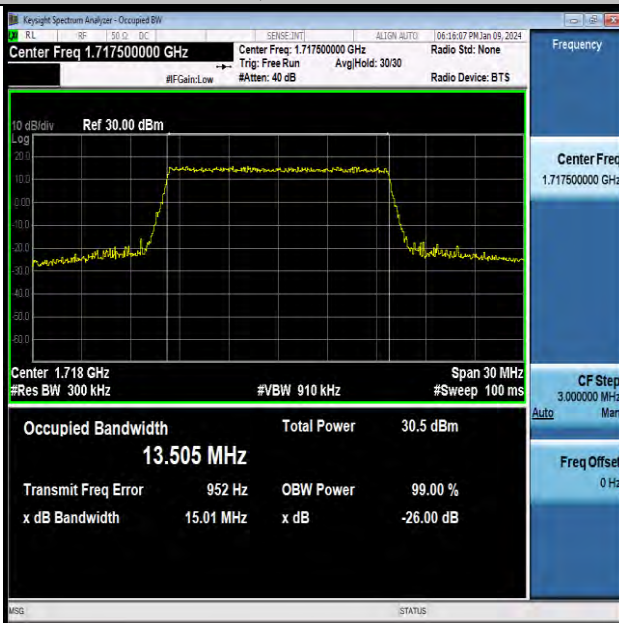
Band66-15MHz-QPSK-132047-75RB#0-PASS



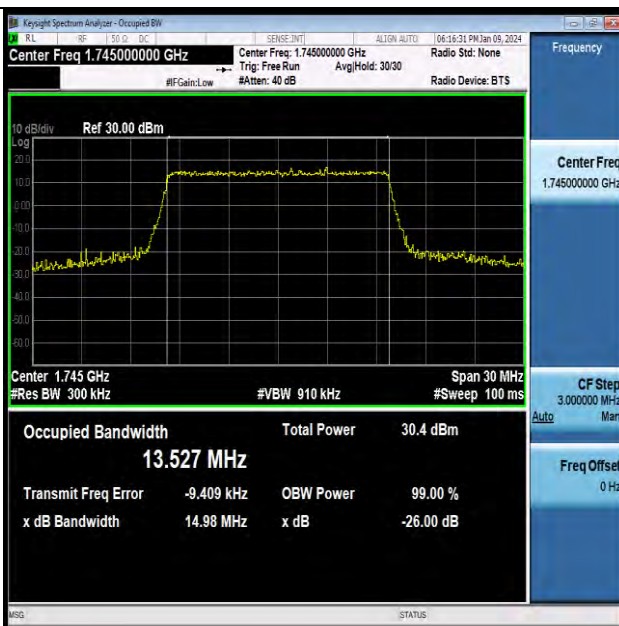
Band66-15MHz-QPSK-132322-75RB#0-PASS



Band66-15MHz-QPSK-132597-75RB#0-PASS



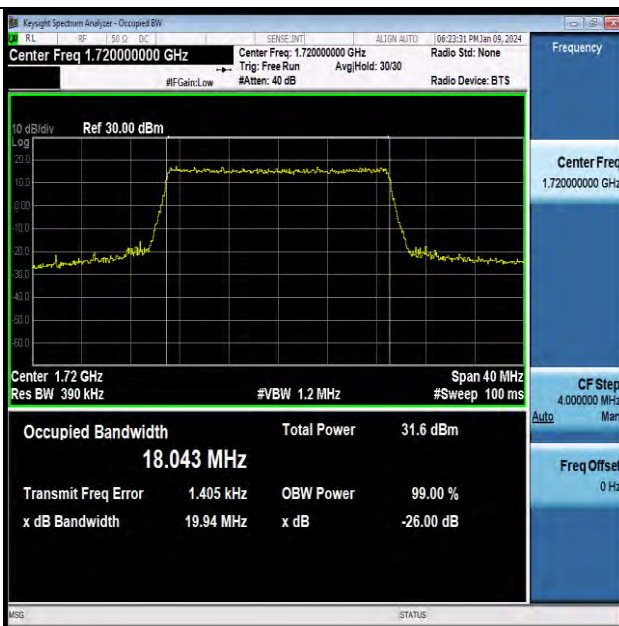
Band66-15MHz-16QAM-132047-75RB#0-PASS



Band66-15MHz-16QAM-132322-75RB#0-PASS



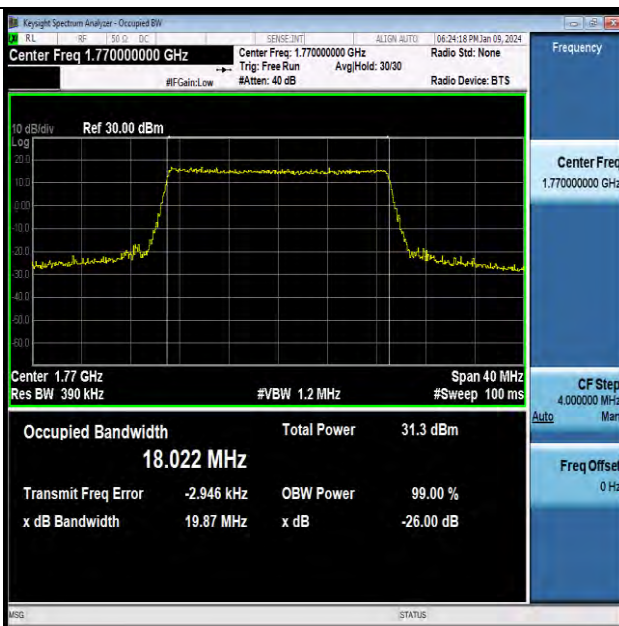
Band66-15MHz-16QAM-132597-75RB#0-PASS



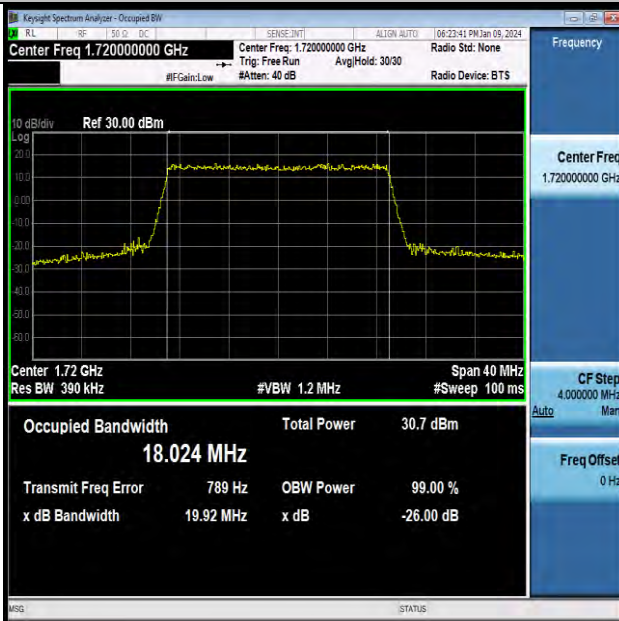
Band66-20MHz-QPSK-132072-100RB#0-PASS



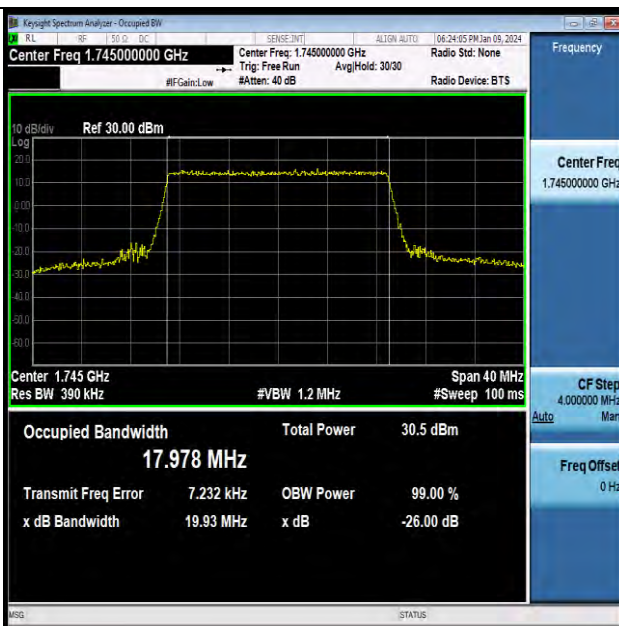
Band66-20MHz-QPSK-132322-100RB#0-PASS



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



Band66-20MHz-16QAM-132072-100RB#0-PASS



Band66-20MHz-16QAM-132322-100RB#0-PASS



Band66-20MHz-16QAM-132572-100RB#0-PASS

BAND EDGE

Test Result

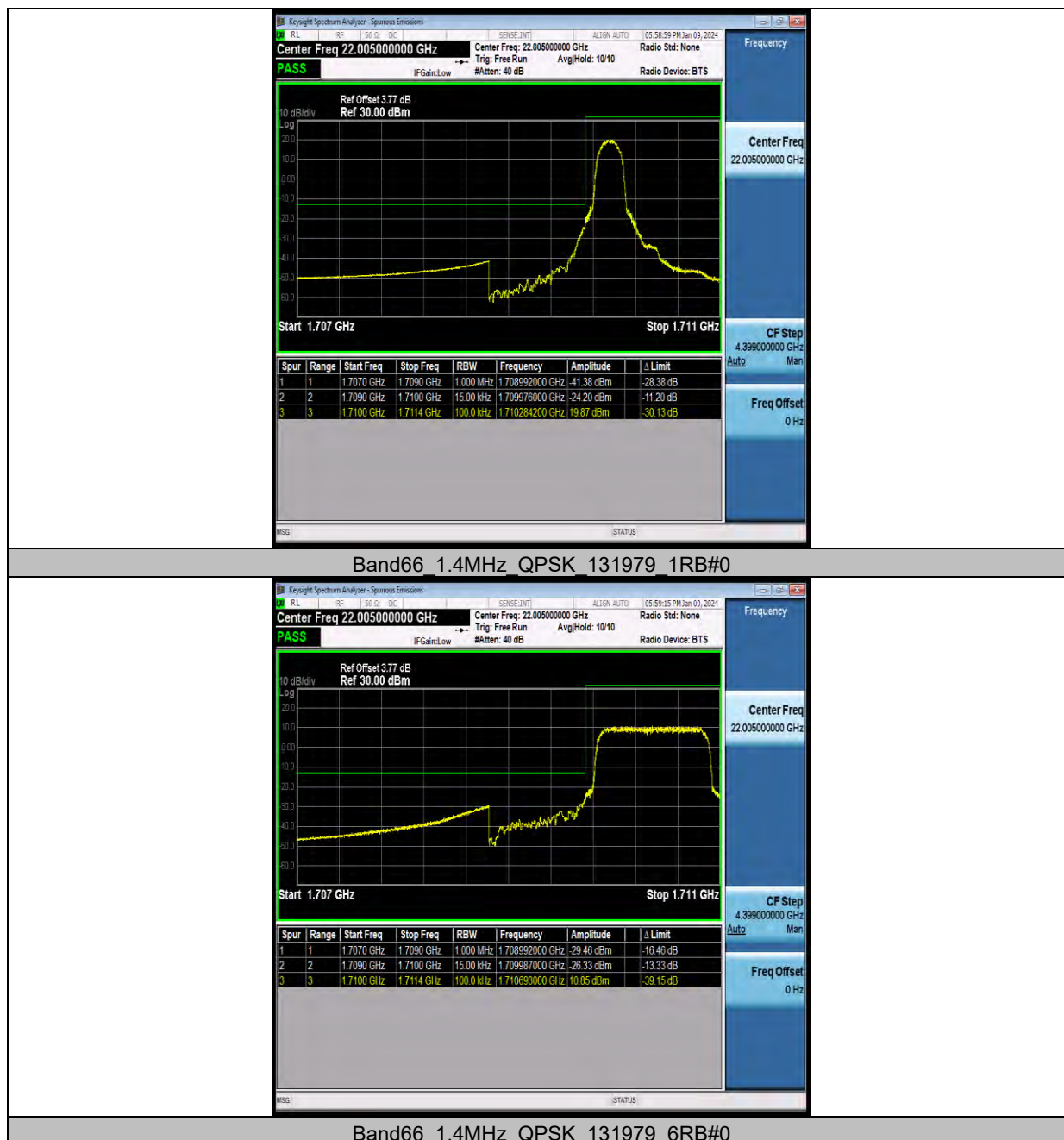
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	-24.20	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	-26.33	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	-20.41	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-27.59	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	-21.51	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-28.68	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	-20.48	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-27.00	PASS
Band66	3MHz	QPSK	131987	1RB#0	-24.95	PASS
Band66	3MHz	QPSK	131987	15RB#0	-25.81	PASS
Band66	3MHz	QPSK	132657	1RB#14	-24.21	PASS
Band66	3MHz	QPSK	132657	15RB#0	-28.05	PASS
Band66	3MHz	16QAM	131987	1RB#0	-26.18	PASS
Band66	3MHz	16QAM	131987	15RB#0	-26.15	PASS
Band66	3MHz	16QAM	132657	1RB#14	-26.81	PASS
Band66	3MHz	16QAM	132657	15RB#0	-28.68	PASS
Band66	5MHz	QPSK	131997	1RB#0	-28.98	PASS
Band66	5MHz	QPSK	131997	25RB#0	-26.24	PASS
Band66	5MHz	QPSK	132647	1RB#24	-29.00	PASS
Band66	5MHz	QPSK	132647	25RB#0	-28.67	PASS
Band66	5MHz	16QAM	131997	1RB#0	-30.48	PASS
Band66	5MHz	16QAM	131997	25RB#0	-26.38	PASS
Band66	5MHz	16QAM	132647	1RB#24	-30.28	PASS
Band66	5MHz	16QAM	132647	25RB#0	-28.90	PASS
Band66	10MHz	QPSK	132022	1RB#0	-38.04	PASS
Band66	10MHz	QPSK	132022	50RB#0	-27.82	PASS
Band66	10MHz	QPSK	132622	1RB#49	-36.87	PASS
Band66	10MHz	QPSK	132622	50RB#0	-29.61	PASS
Band66	10MHz	16QAM	132022	1RB#0	-40.56	PASS
Band66	10MHz	16QAM	132022	50RB#0	-28.33	PASS
Band66	10MHz	16QAM	132622	1RB#49	-40.47	PASS
Band66	10MHz	16QAM	132622	50RB#0	-30.05	PASS
Band66	15MHz	QPSK	132047	1RB#0	-40.32	PASS
Band66	15MHz	QPSK	132047	75RB#0	-28.43	PASS
Band66	15MHz	QPSK	132597	1RB#74	-40.25	PASS
Band66	15MHz	QPSK	132597	75RB#0	-29.17	PASS
Band66	15MHz	16QAM	132047	1RB#0	-41.66	PASS
Band66	15MHz	16QAM	132047	75RB#0	-29.33	PASS
Band66	15MHz	16QAM	132597	1RB#74	-41.36	PASS
Band66	15MHz	16QAM	132597	75RB#0	-29.78	PASS
Band66	20MHz	QPSK	132072	1RB#0	-42.74	PASS
Band66	20MHz	QPSK	132072	100RB#0	-30.25	PASS
Band66	20MHz	QPSK	132572	1RB#99	-42.56	PASS

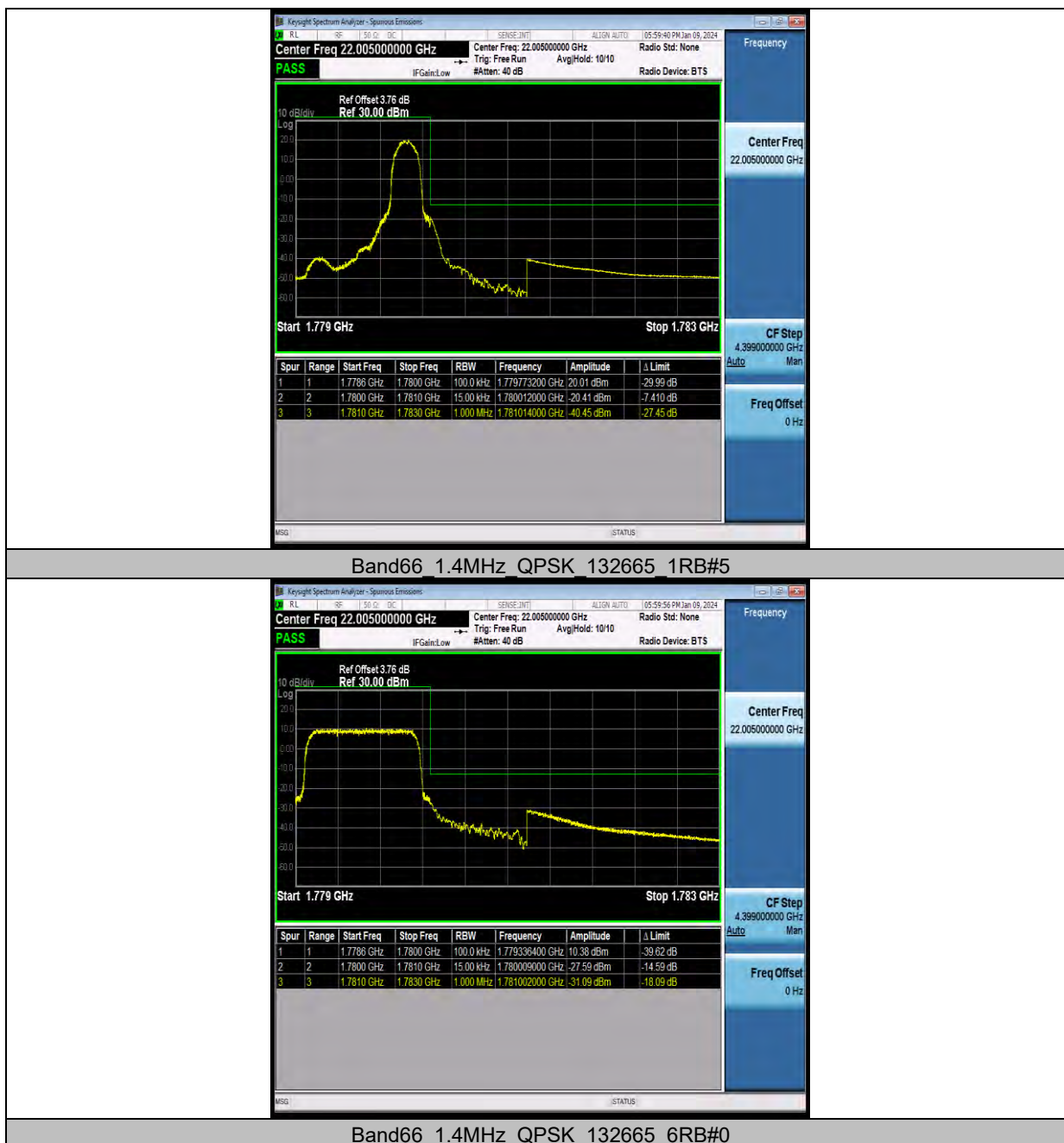


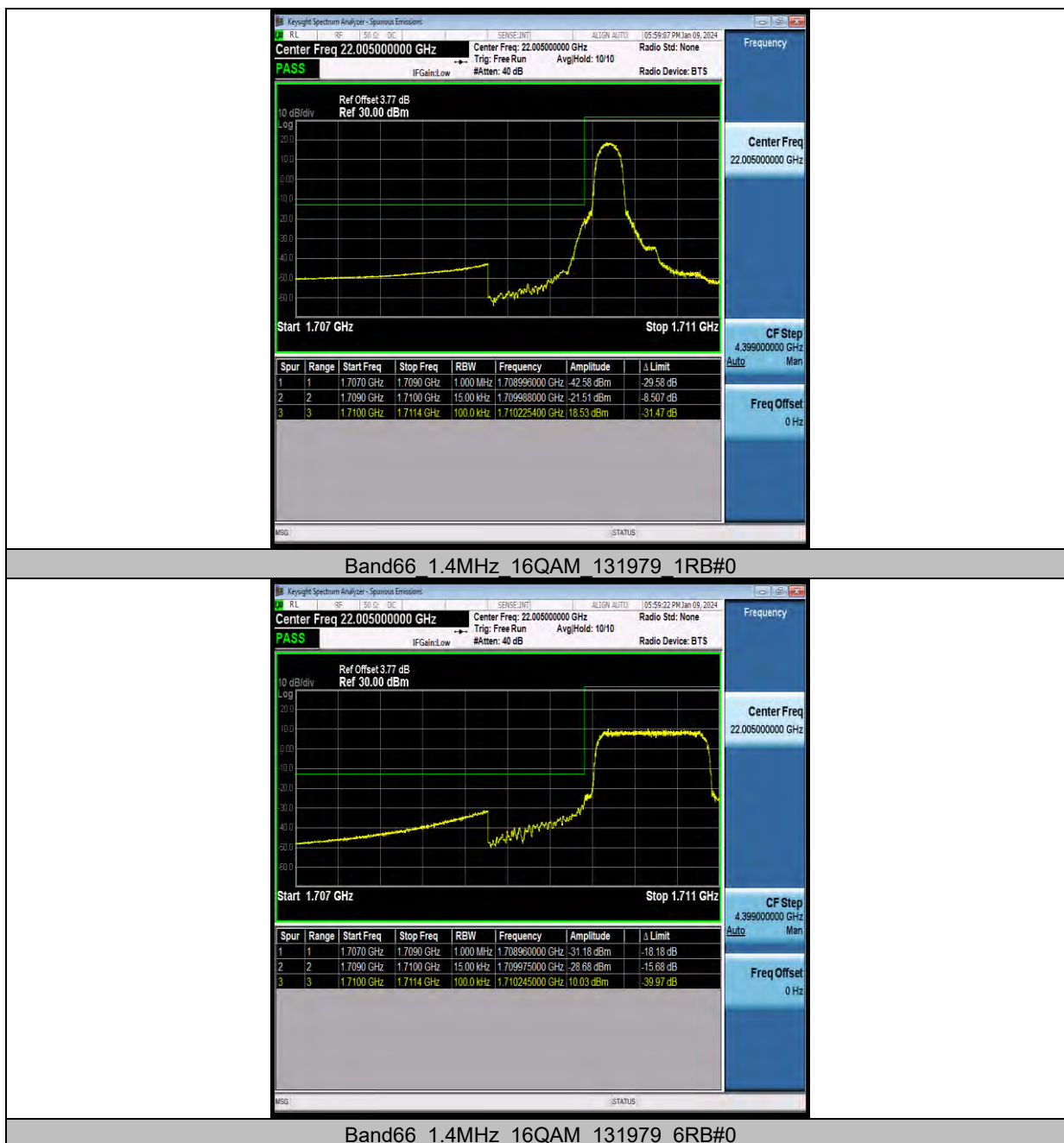
Test Report No.: W7L-P23120020RF04

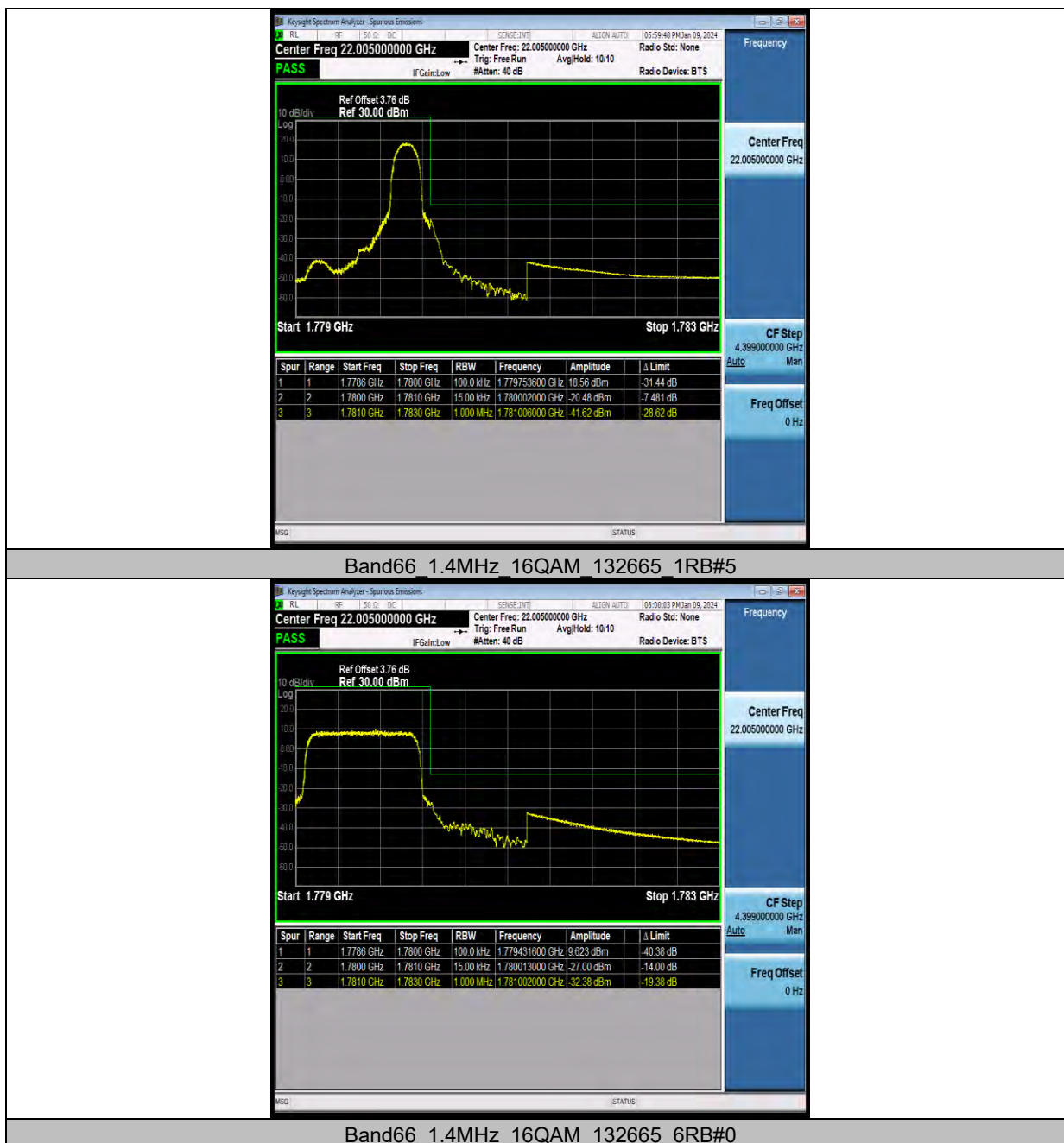
Band66	20MHz	QPSK	132572	100RB#0	-30.97	PASS
Band66	20MHz	16QAM	132072	1RB#0	-44.64	PASS
Band66	20MHz	16QAM	132072	100RB#0	-31.12	PASS
Band66	20MHz	16QAM	132572	1RB#99	-43.83	PASS
Band66	20MHz	16QAM	132572	100RB#0	-31.88	PASS

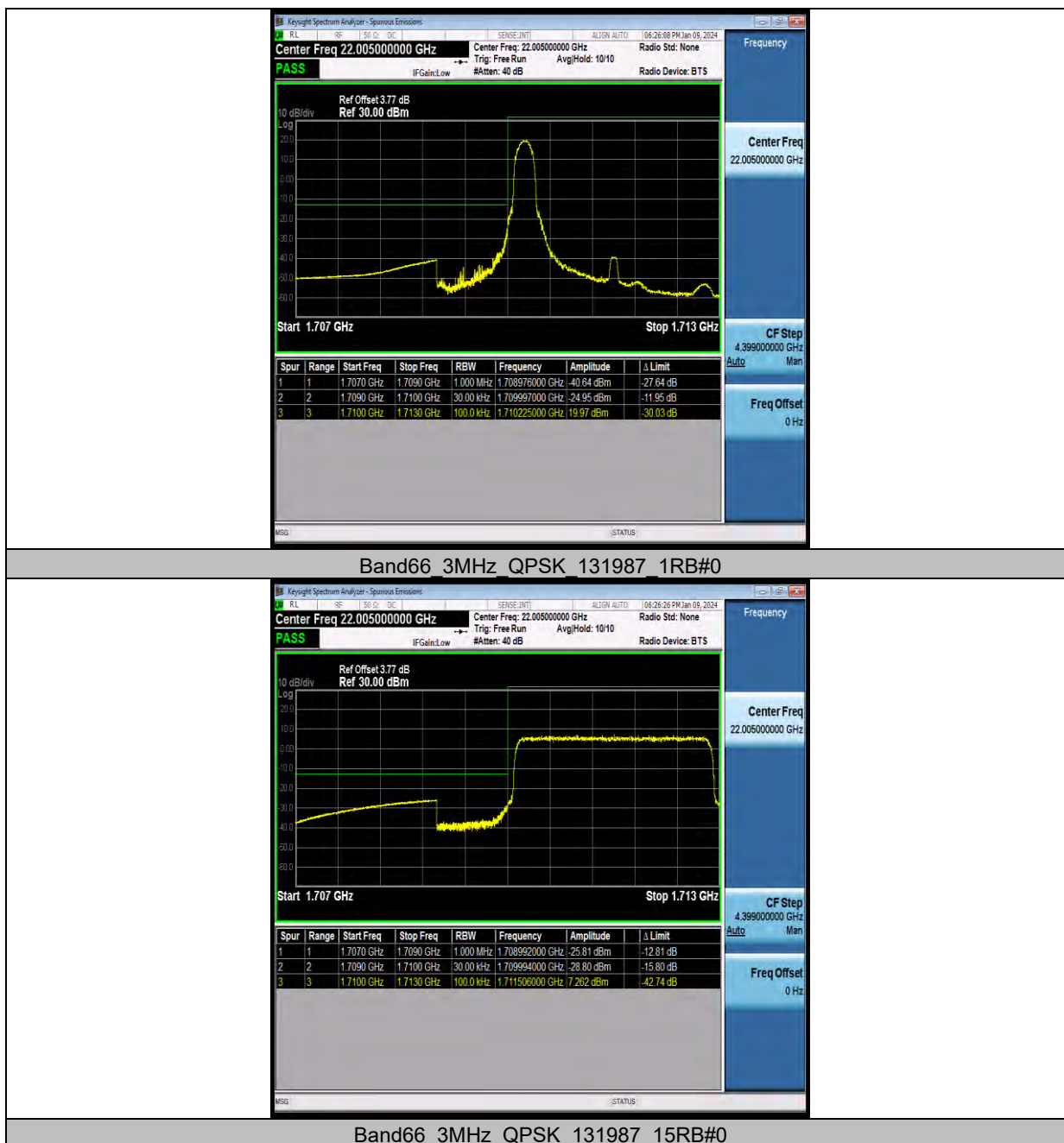
Test Graphs

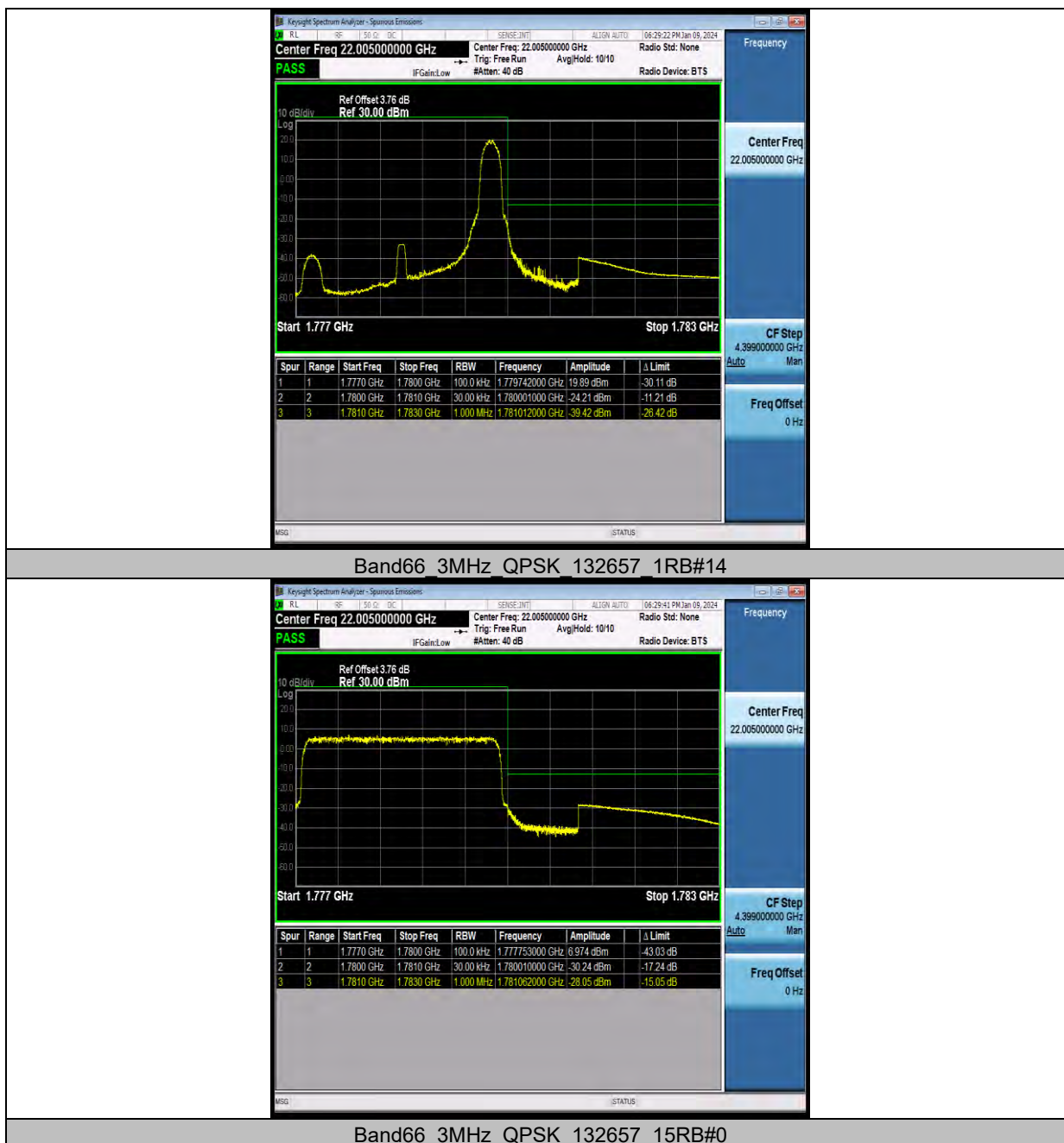


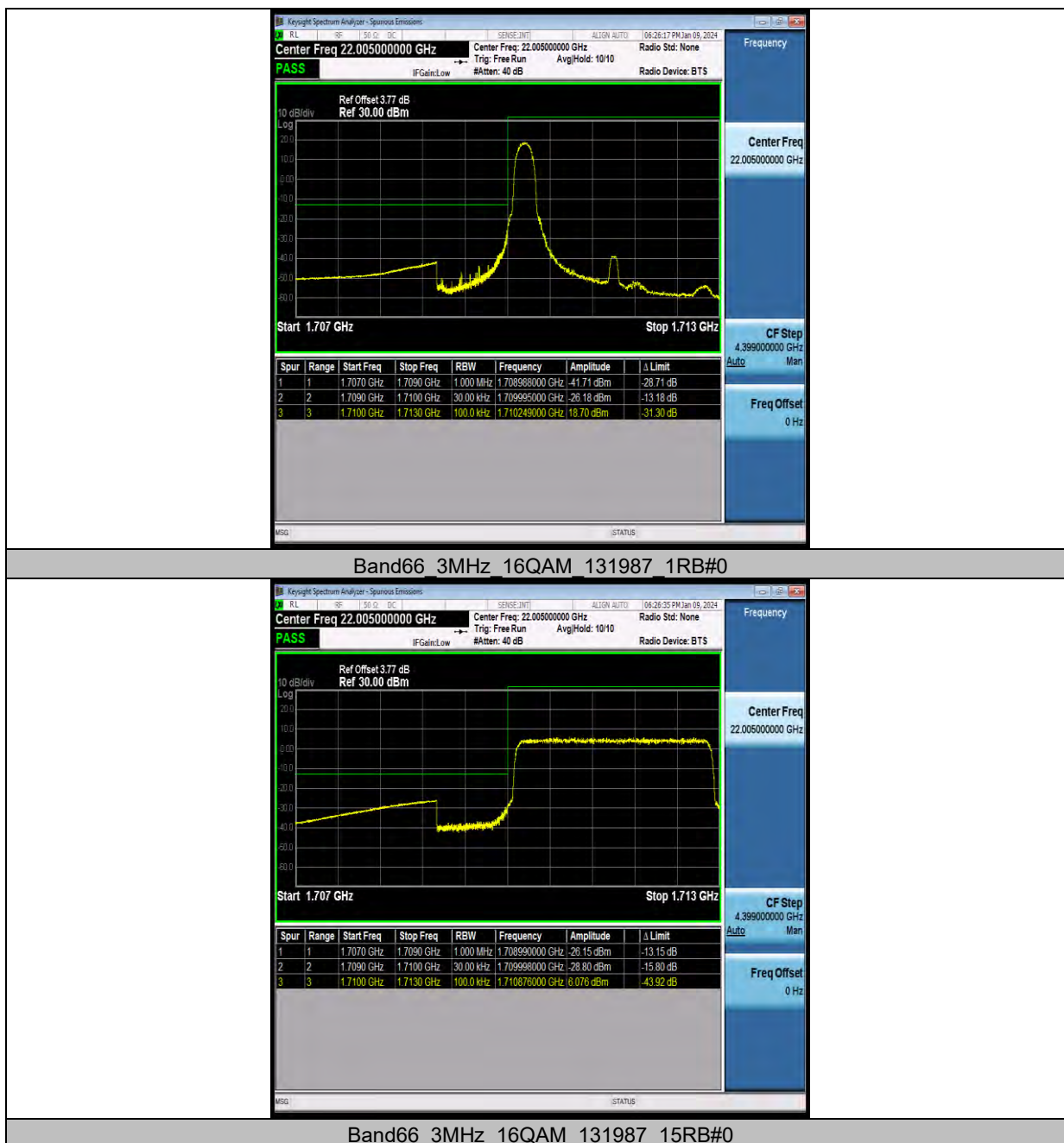


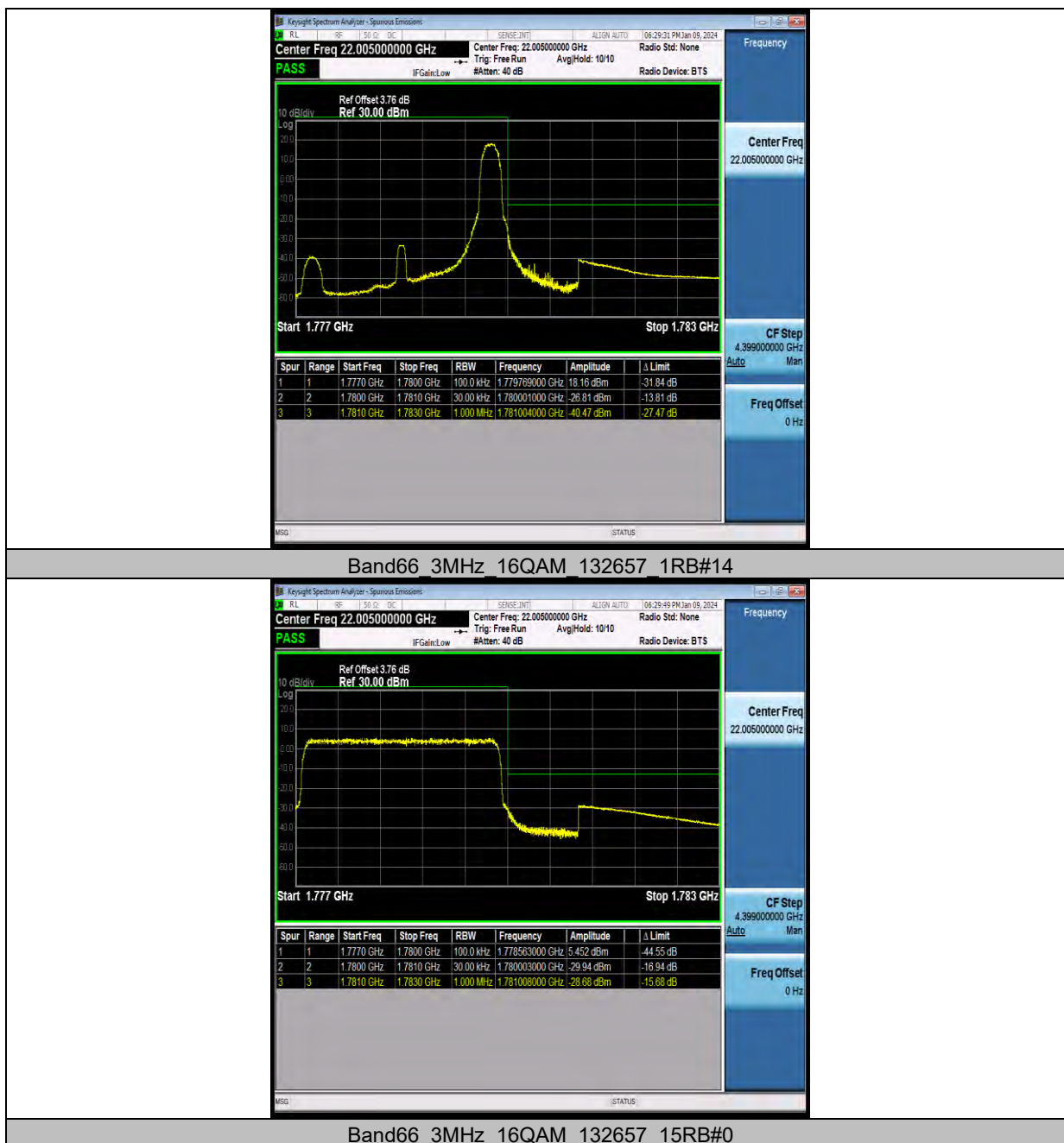


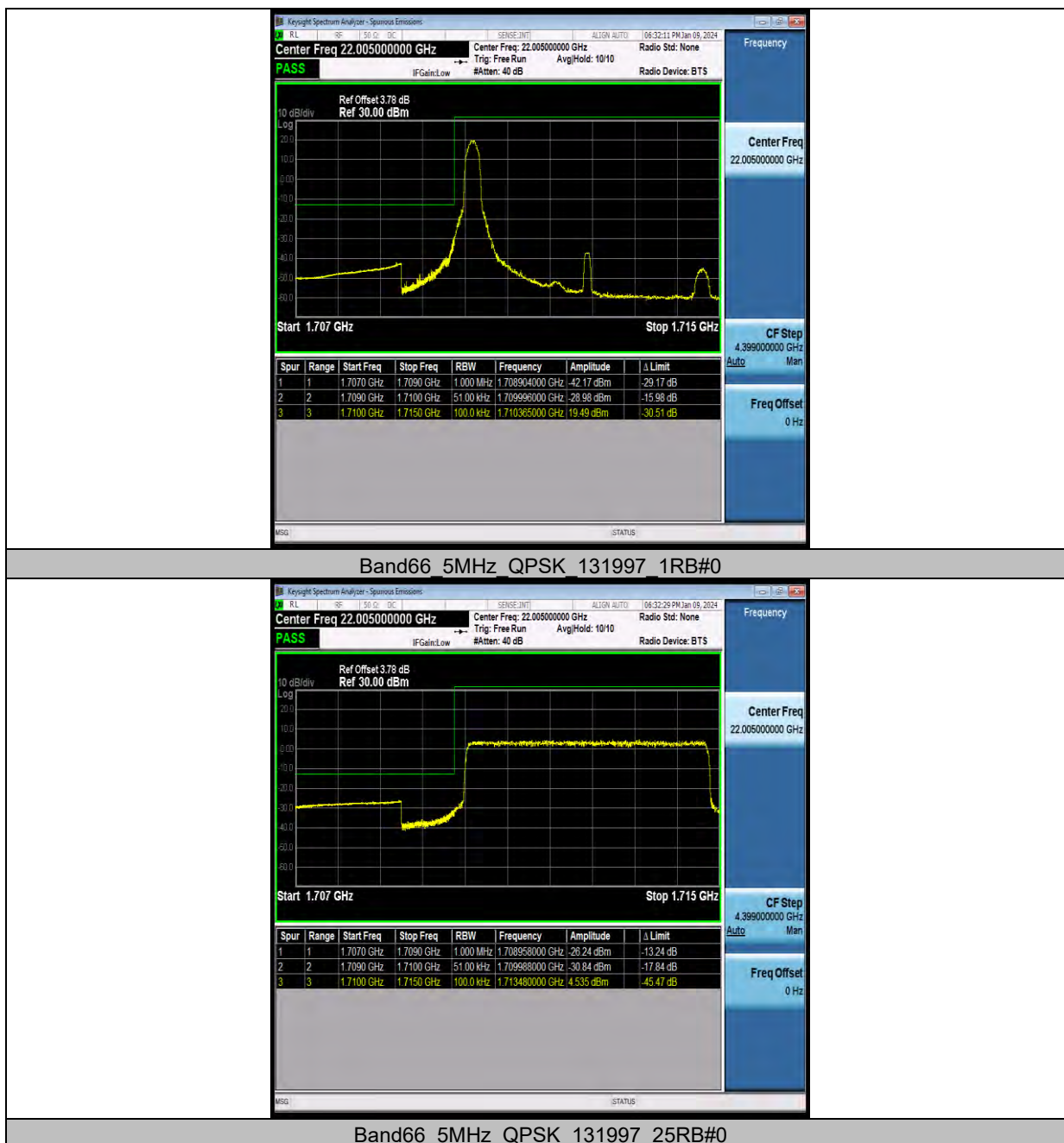


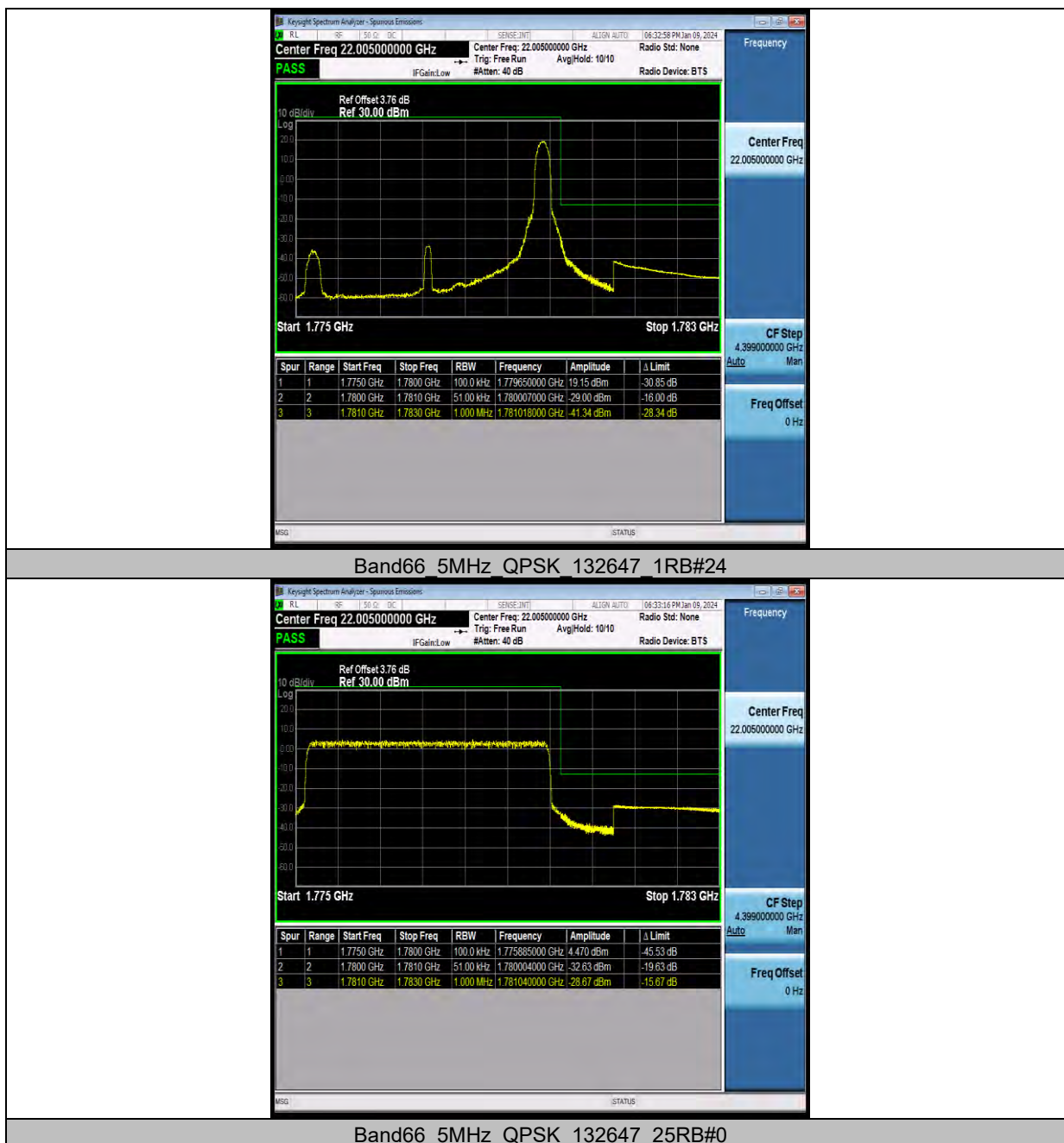


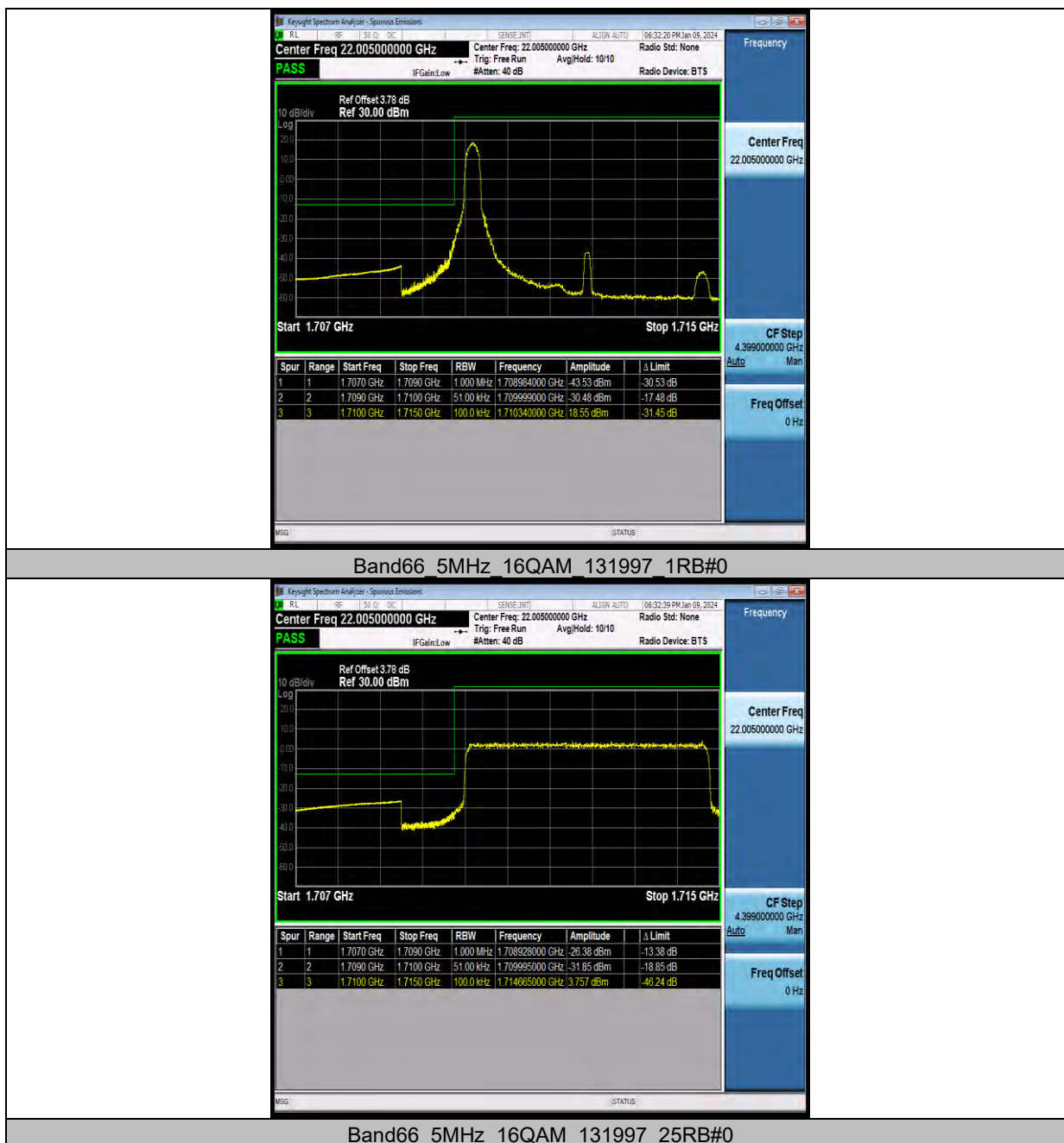


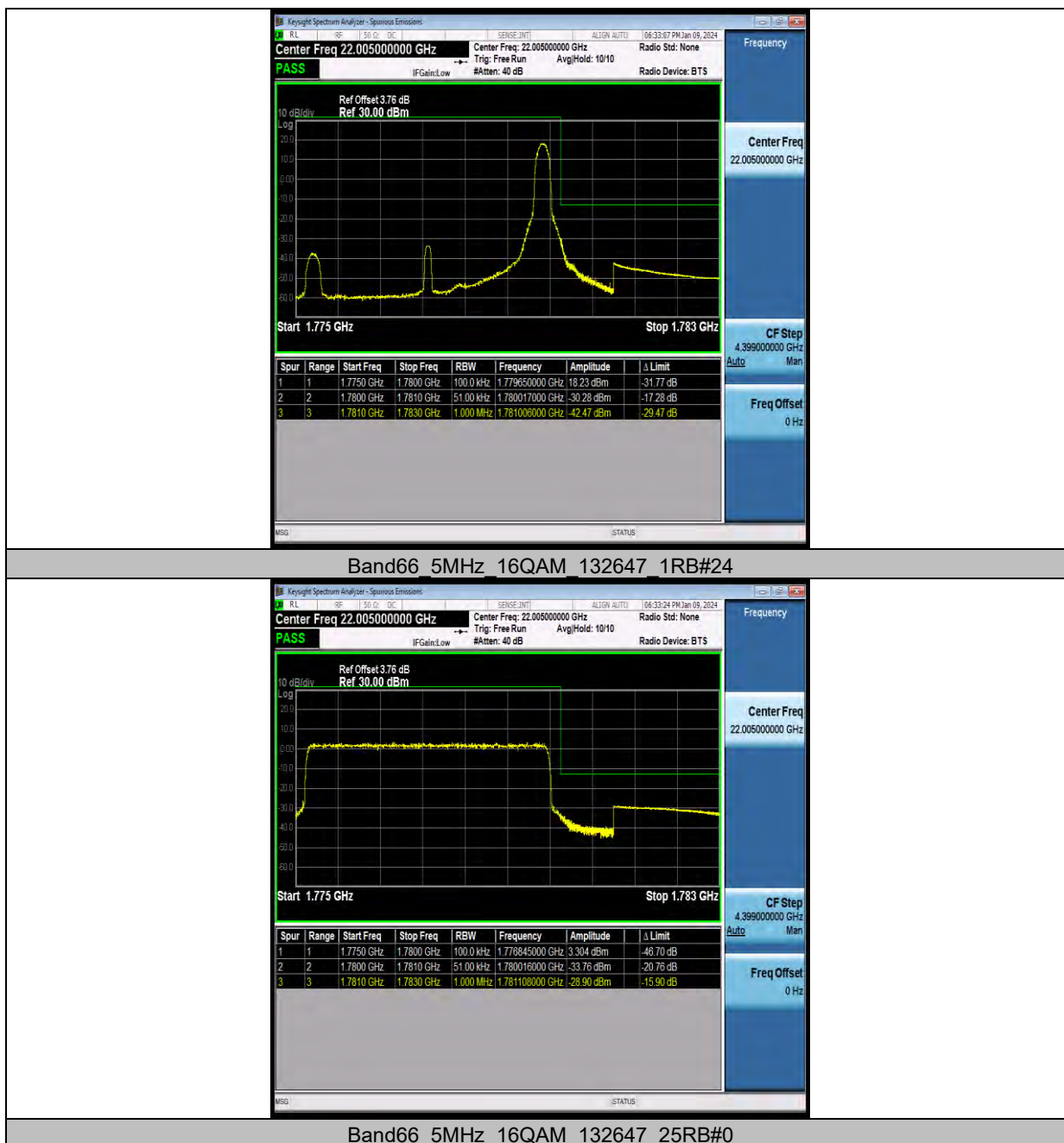


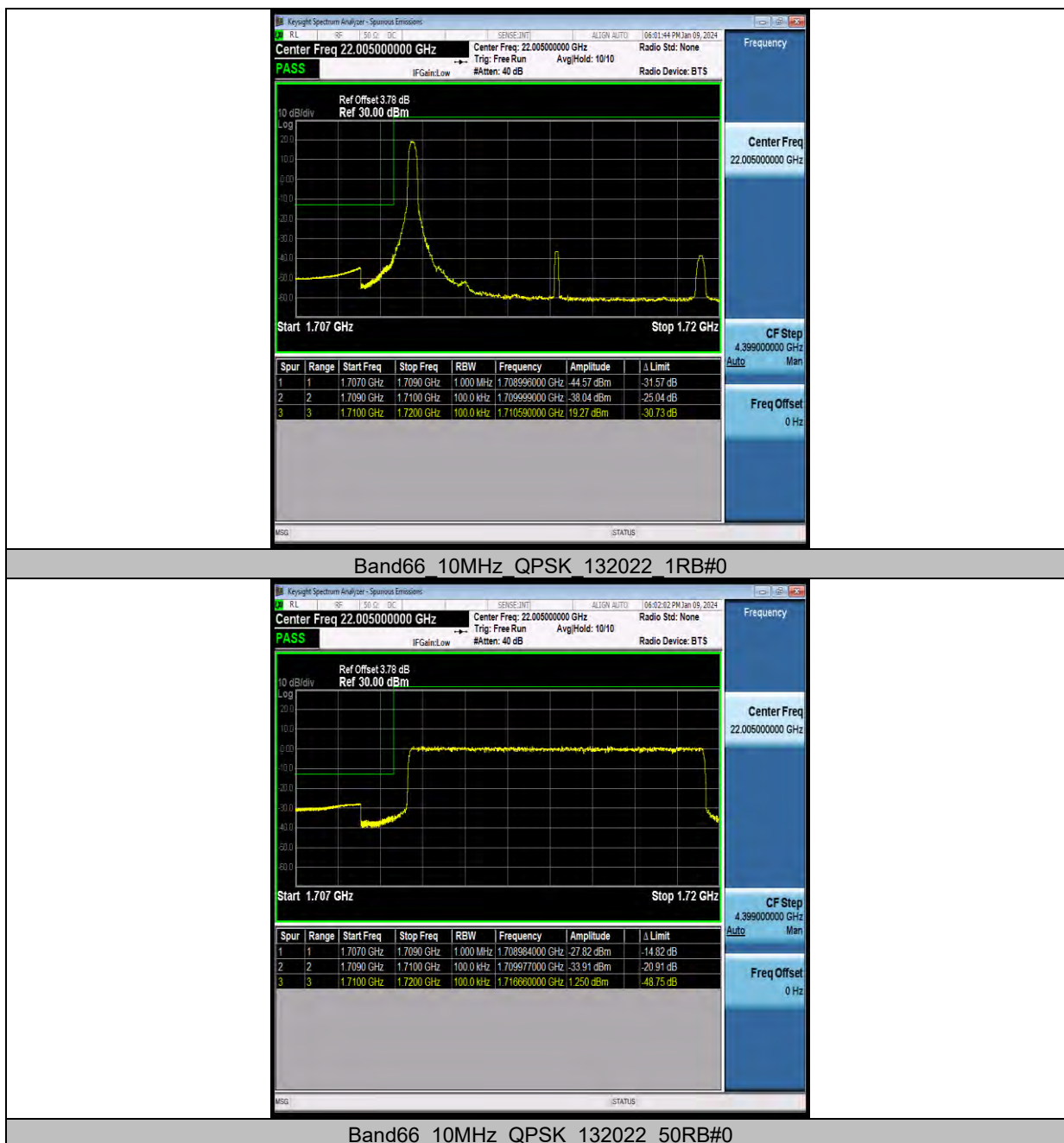


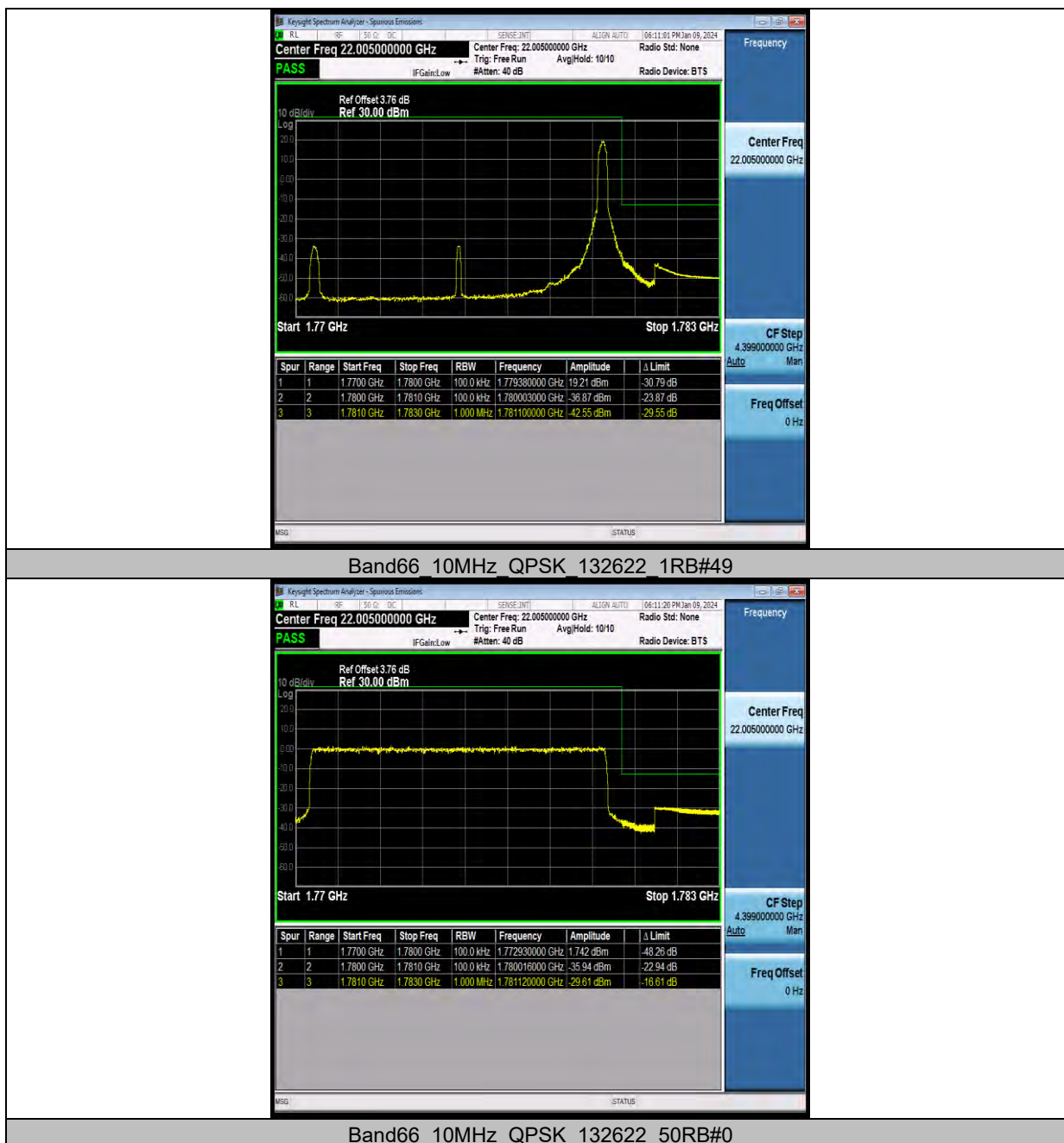


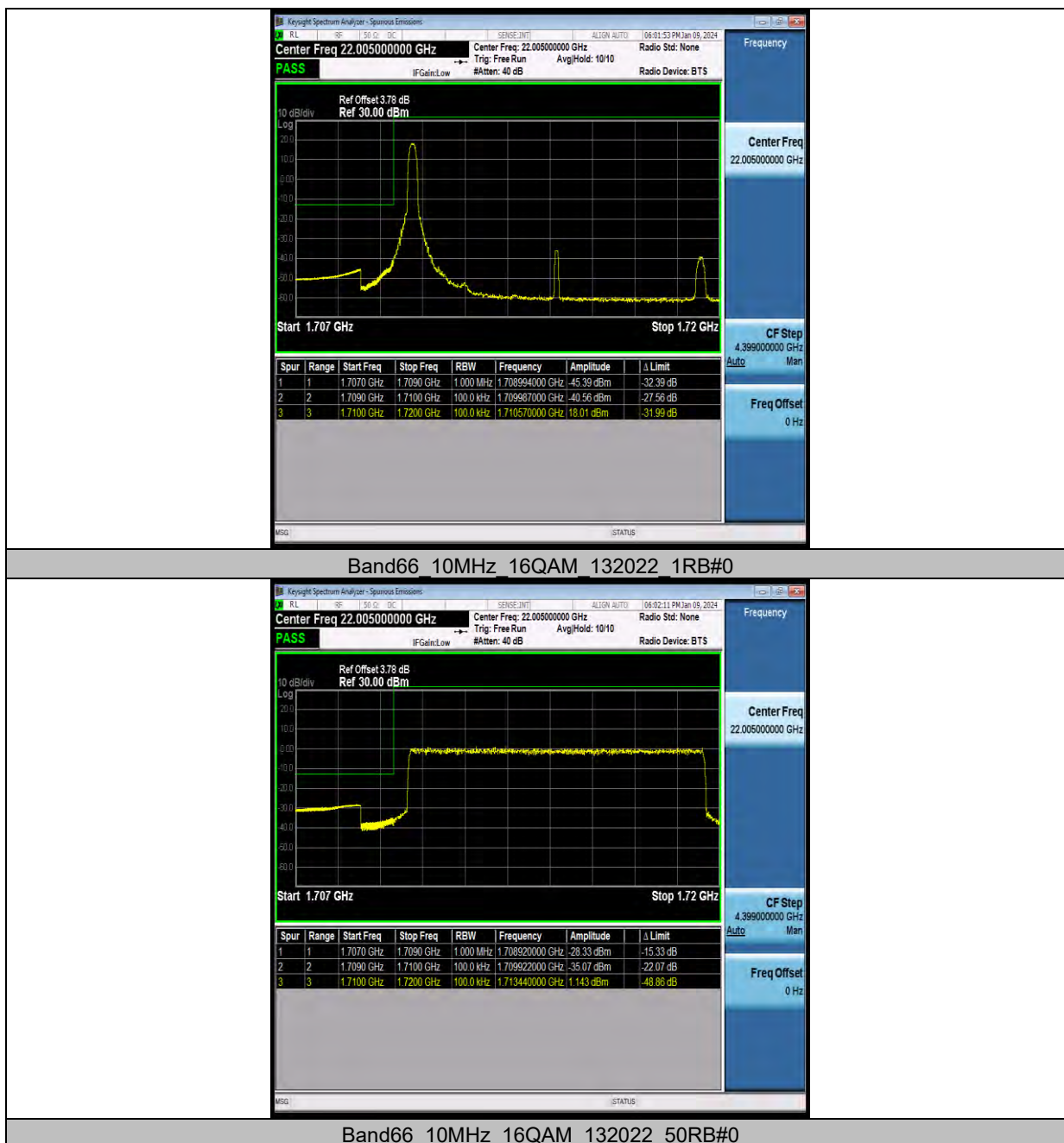


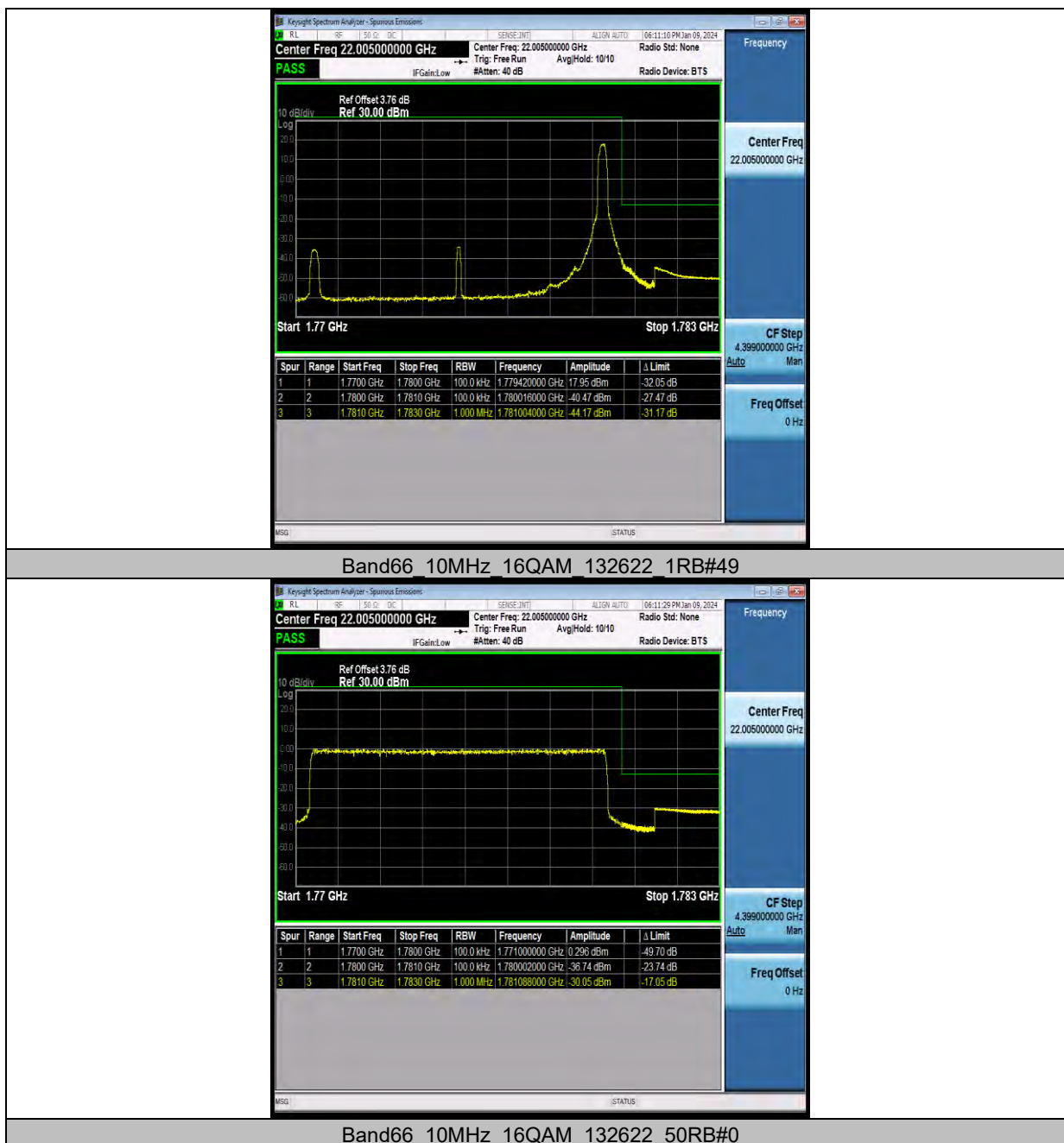


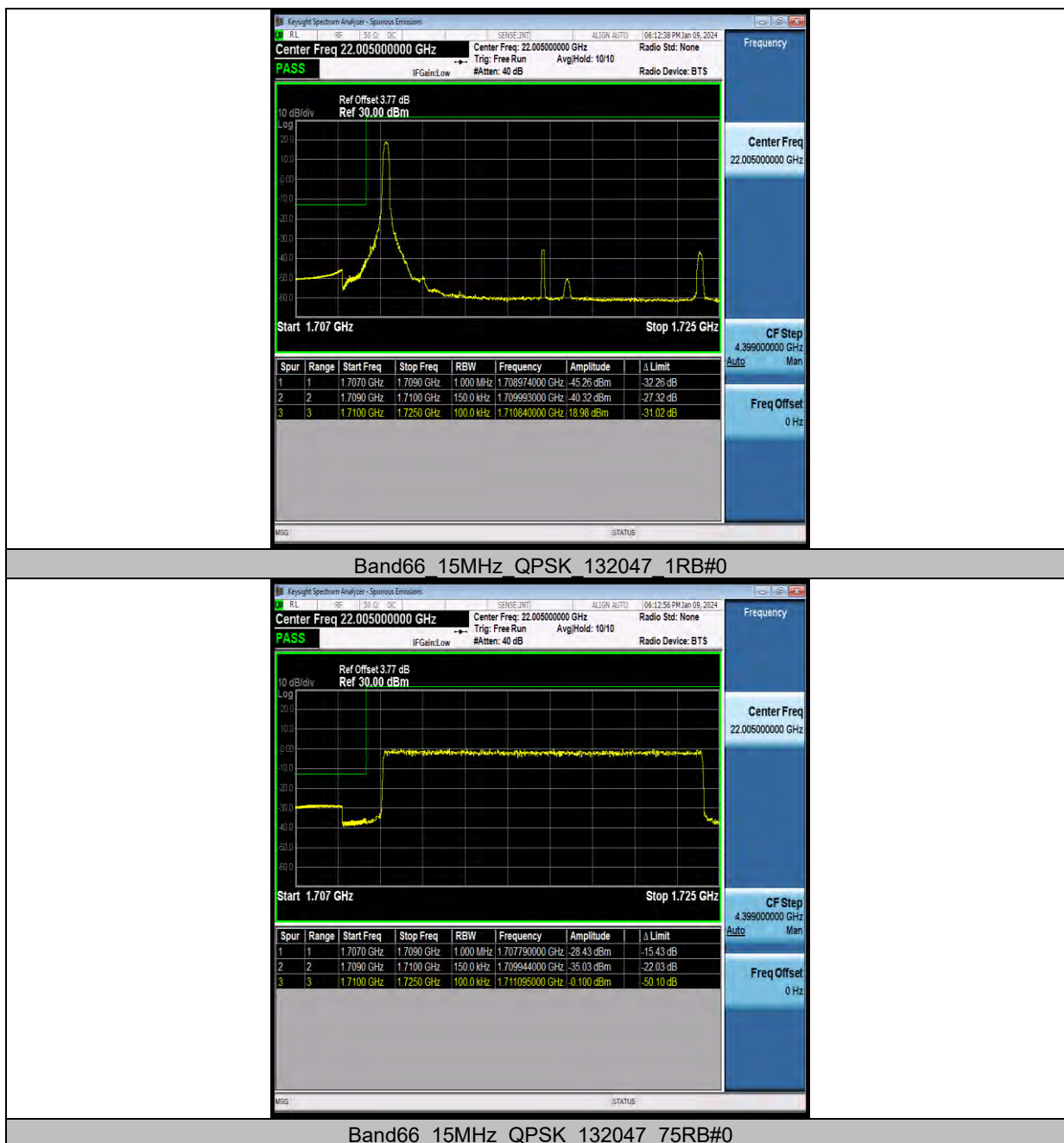




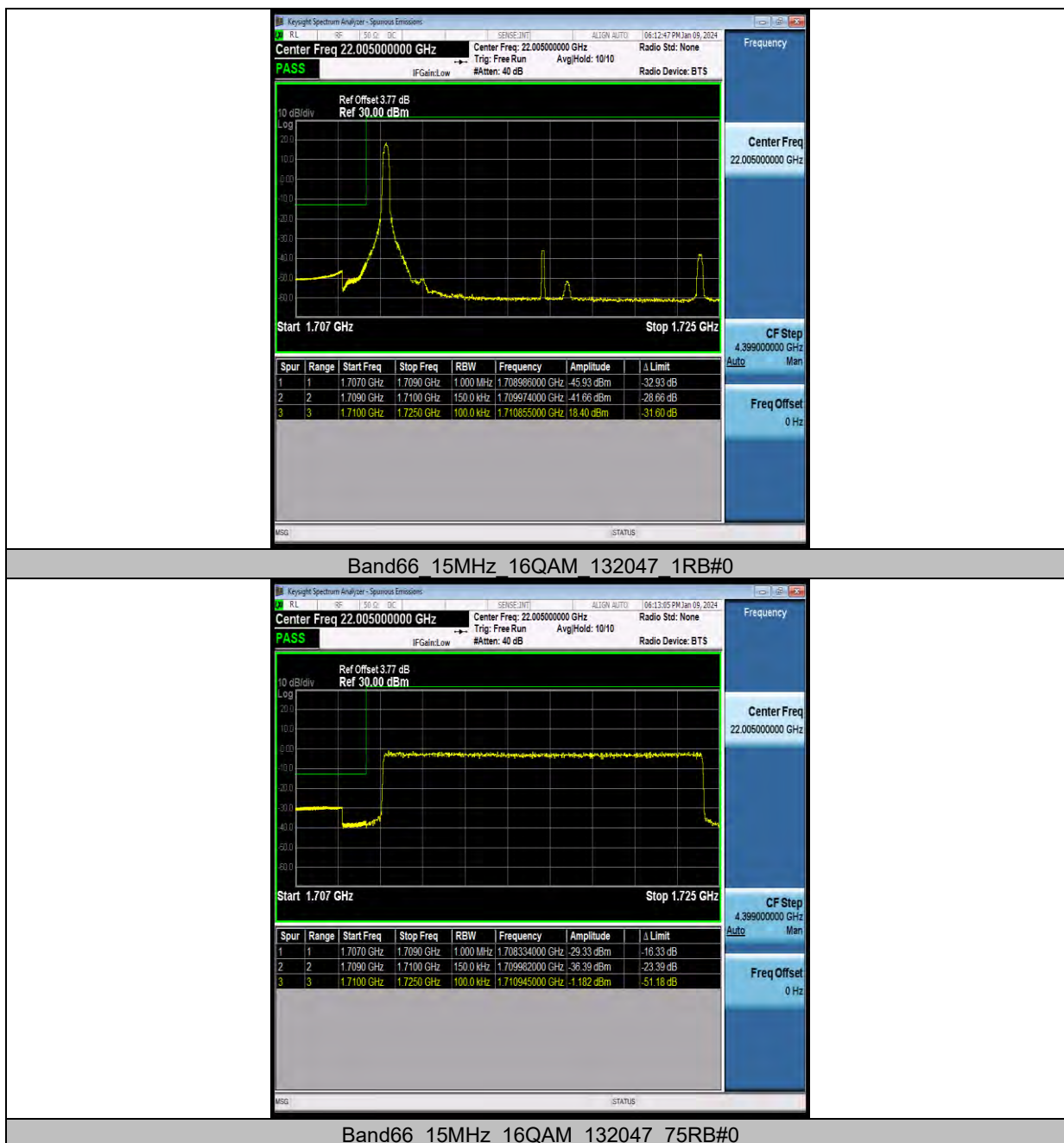




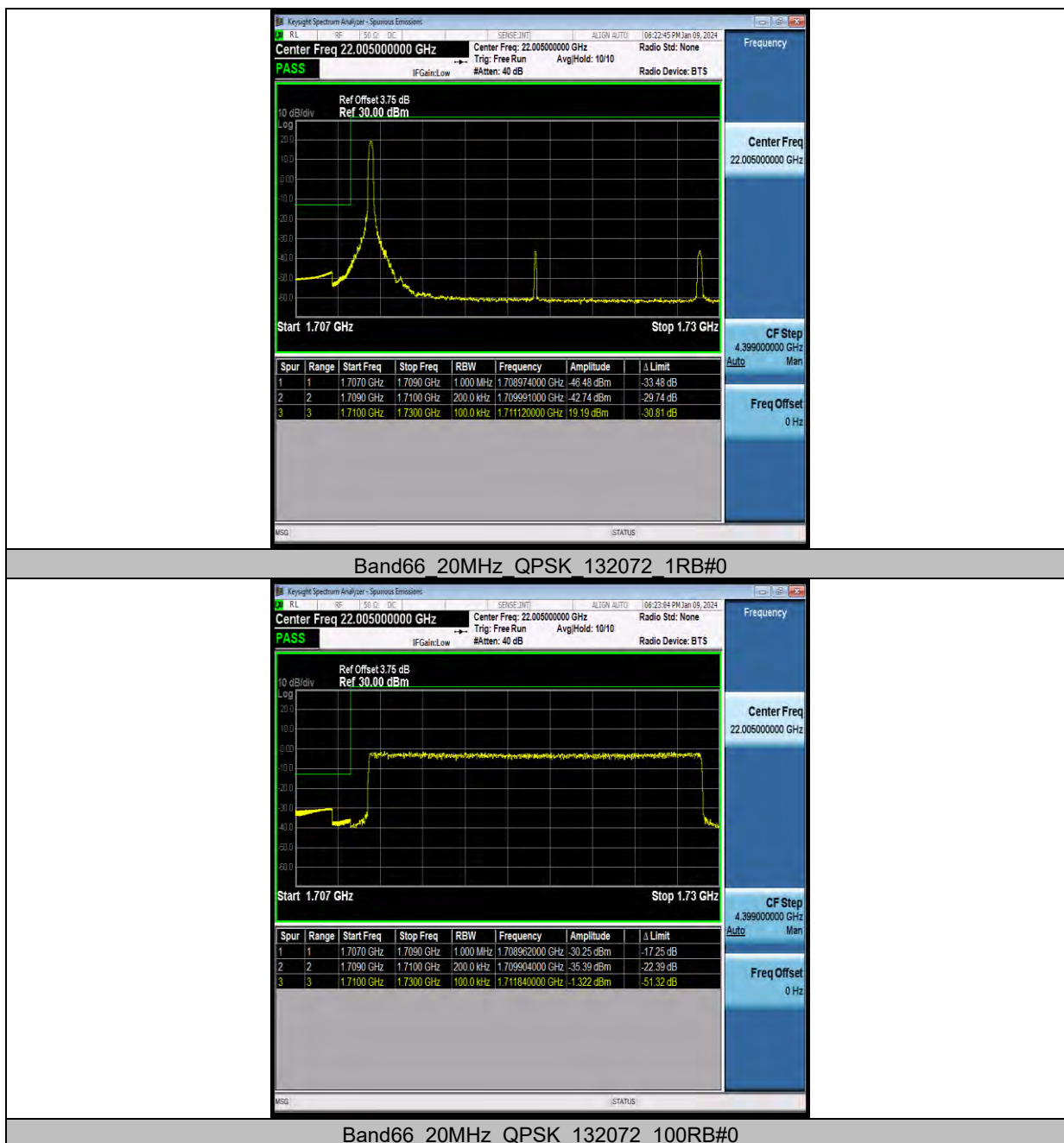




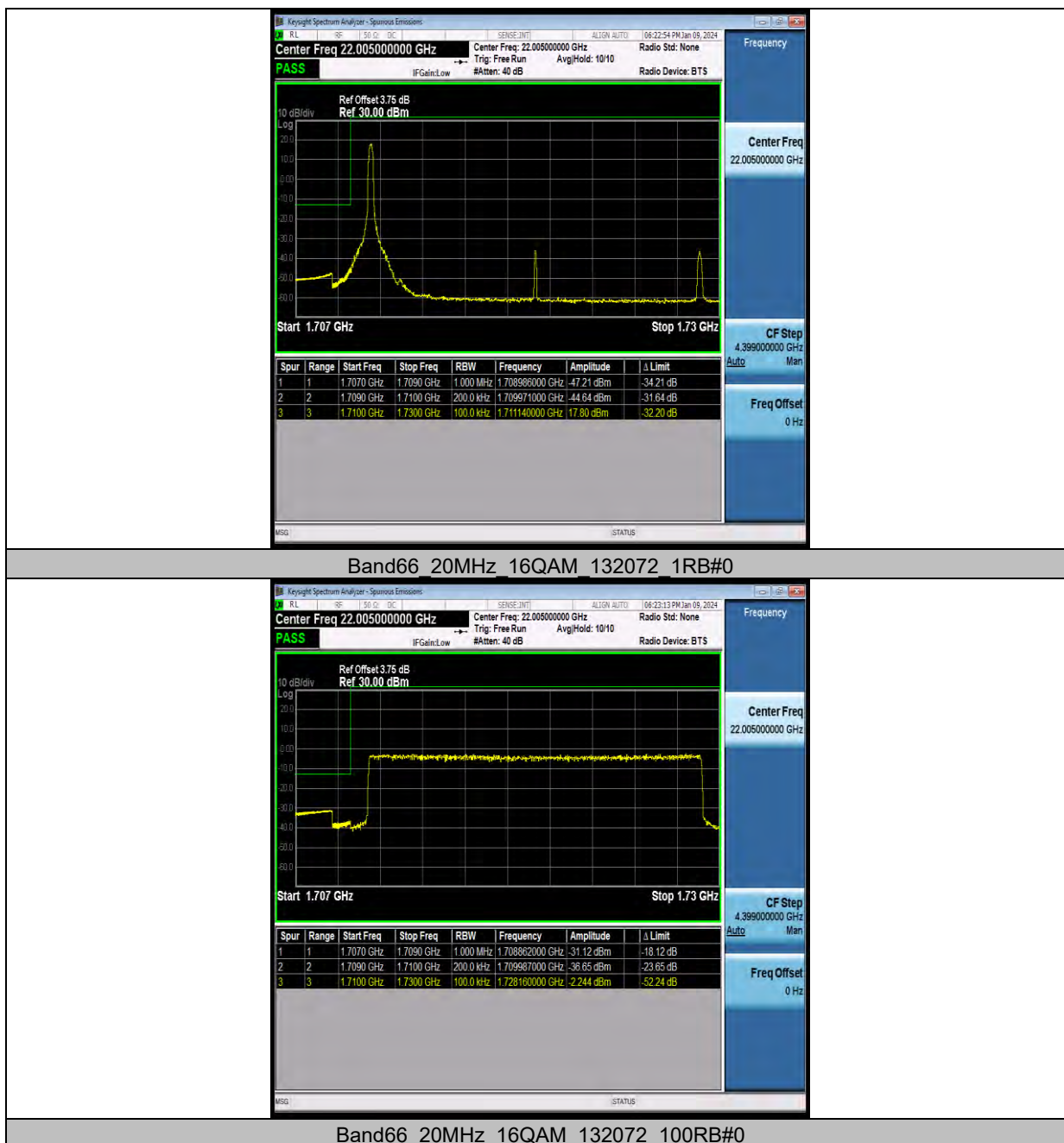












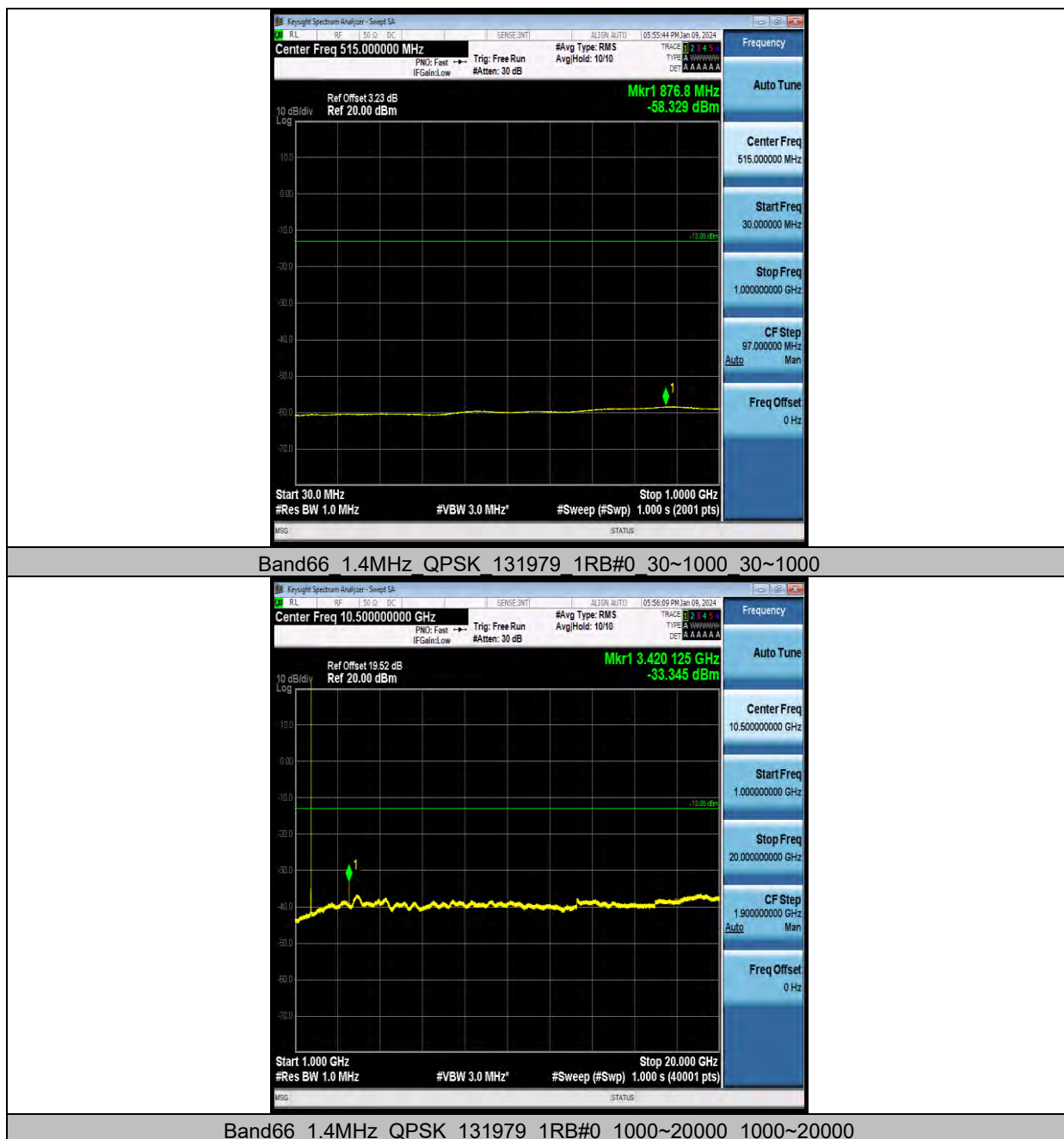


CONDUCTED SPURIOUS EMISSION

Test Result

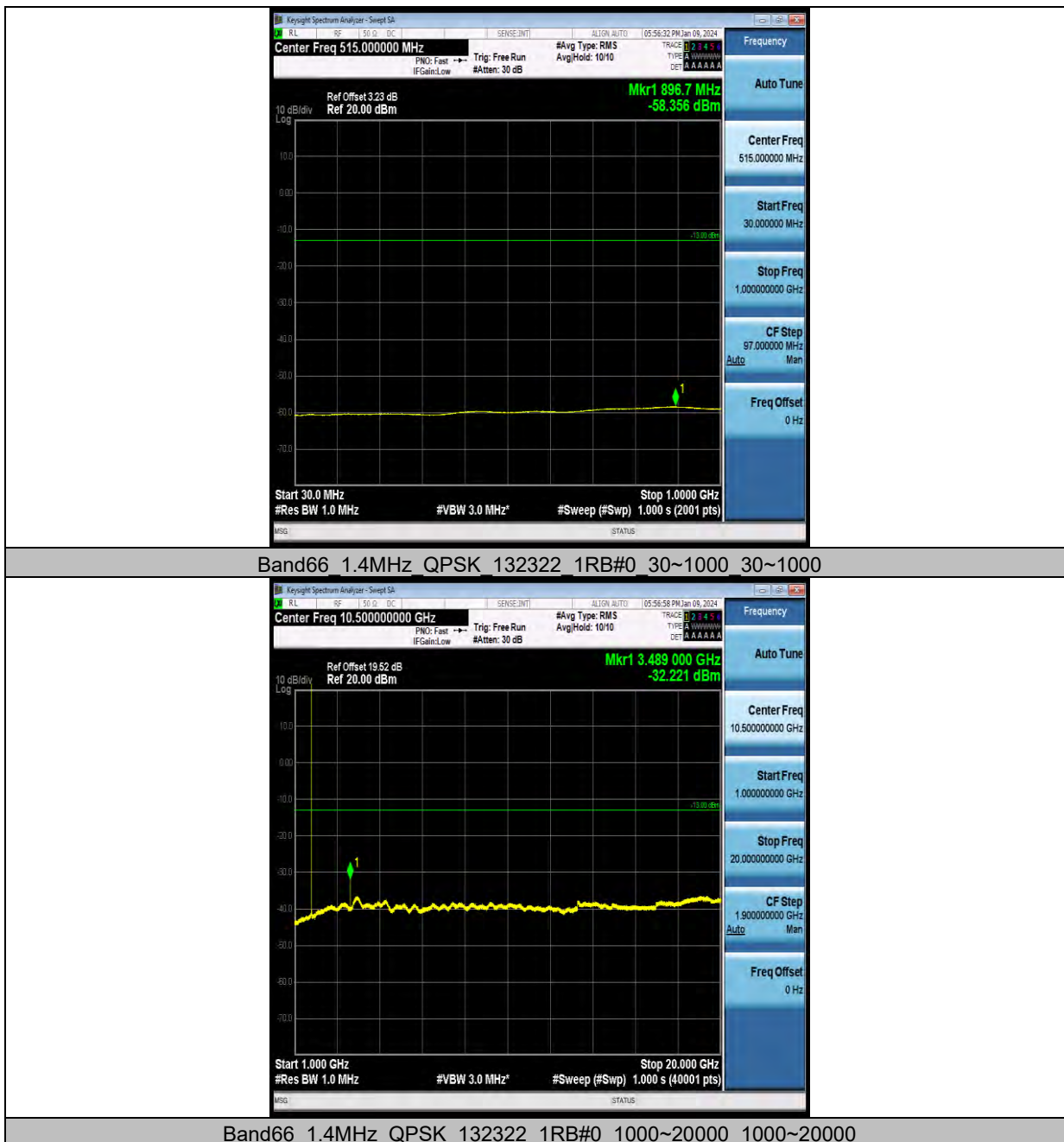
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	30~1000	-58.33	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	1000~20000	-33.35	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	30~1000	-58.36	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	1000~20000	-32.22	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	30~1000	-58.36	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	1000~20000	-32.83	PASS
Band66	3MHz	QPSK	131987	1RB#0	30~1000	-58.35	PASS
Band66	3MHz	QPSK	131987	1RB#0	1000~20000	-33.03	PASS
Band66	3MHz	QPSK	132322	1RB#0	30~1000	-58.37	PASS
Band66	3MHz	QPSK	132322	1RB#0	1000~20000	-32.20	PASS
Band66	3MHz	QPSK	132657	1RB#0	30~1000	-58.33	PASS
Band66	3MHz	QPSK	132657	1RB#0	1000~20000	-32.66	PASS
Band66	5MHz	QPSK	131997	1RB#0	30~1000	-58.34	PASS
Band66	5MHz	QPSK	131997	1RB#0	1000~20000	-32.87	PASS
Band66	5MHz	QPSK	132322	1RB#0	30~1000	-58.36	PASS
Band66	5MHz	QPSK	132322	1RB#0	1000~20000	-32.34	PASS
Band66	5MHz	QPSK	132647	1RB#0	30~1000	-58.34	PASS
Band66	5MHz	QPSK	132647	1RB#0	1000~20000	-32.63	PASS
Band66	10MHz	QPSK	132022	1RB#0	30~1000	-58.39	PASS
Band66	10MHz	QPSK	132022	1RB#0	1000~20000	-32.56	PASS
Band66	10MHz	QPSK	132322	1RB#0	30~1000	-58.35	PASS
Band66	10MHz	QPSK	132322	1RB#0	1000~20000	-32.59	PASS
Band66	10MHz	QPSK	132622	1RB#0	30~1000	-58.37	PASS
Band66	10MHz	QPSK	132622	1RB#0	1000~20000	-33.07	PASS
Band66	15MHz	QPSK	132047	1RB#0	30~1000	-58.29	PASS
Band66	15MHz	QPSK	132047	1RB#0	1000~20000	-33.59	PASS
Band66	15MHz	QPSK	132322	1RB#0	30~1000	-58.28	PASS
Band66	15MHz	QPSK	132322	1RB#0	1000~20000	-32.42	PASS
Band66	15MHz	QPSK	132597	1RB#0	30~1000	-58.31	PASS
Band66	15MHz	QPSK	132597	1RB#0	1000~20000	-32.21	PASS
Band66	20MHz	QPSK	132072	1RB#0	30~1000	-58.29	PASS
Band66	20MHz	QPSK	132072	1RB#0	1000~20000	-32.39	PASS
Band66	20MHz	QPSK	132322	1RB#0	30~1000	-58.25	PASS
Band66	20MHz	QPSK	132322	1RB#0	1000~20000	-32.56	PASS
Band66	20MHz	QPSK	132572	1RB#0	30~1000	-58.25	PASS
Band66	20MHz	QPSK	132572	1RB#0	1000~20000	-32.34	PASS

Test Graphs



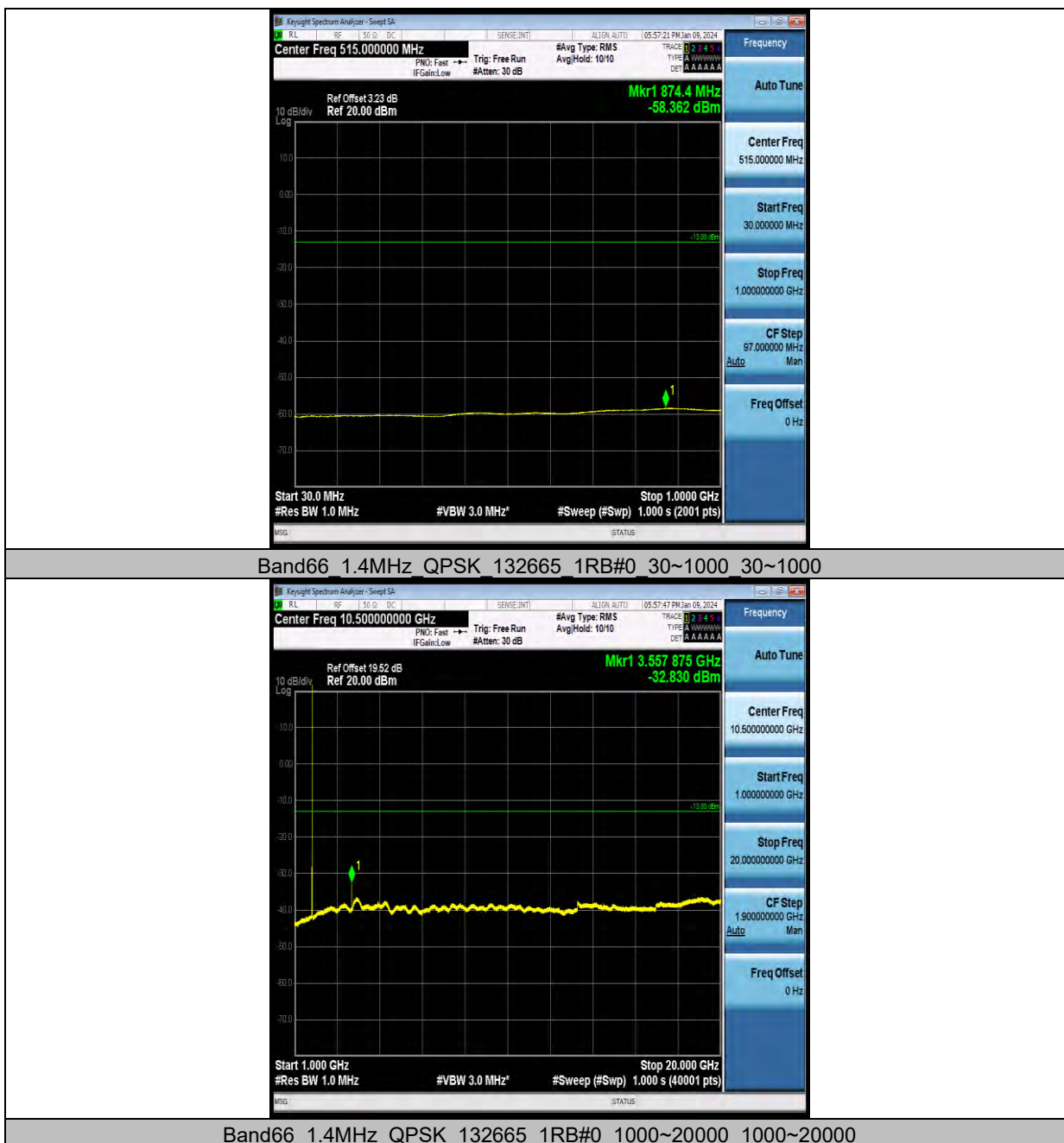


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Test Report No.: W7L-P23120020RF04



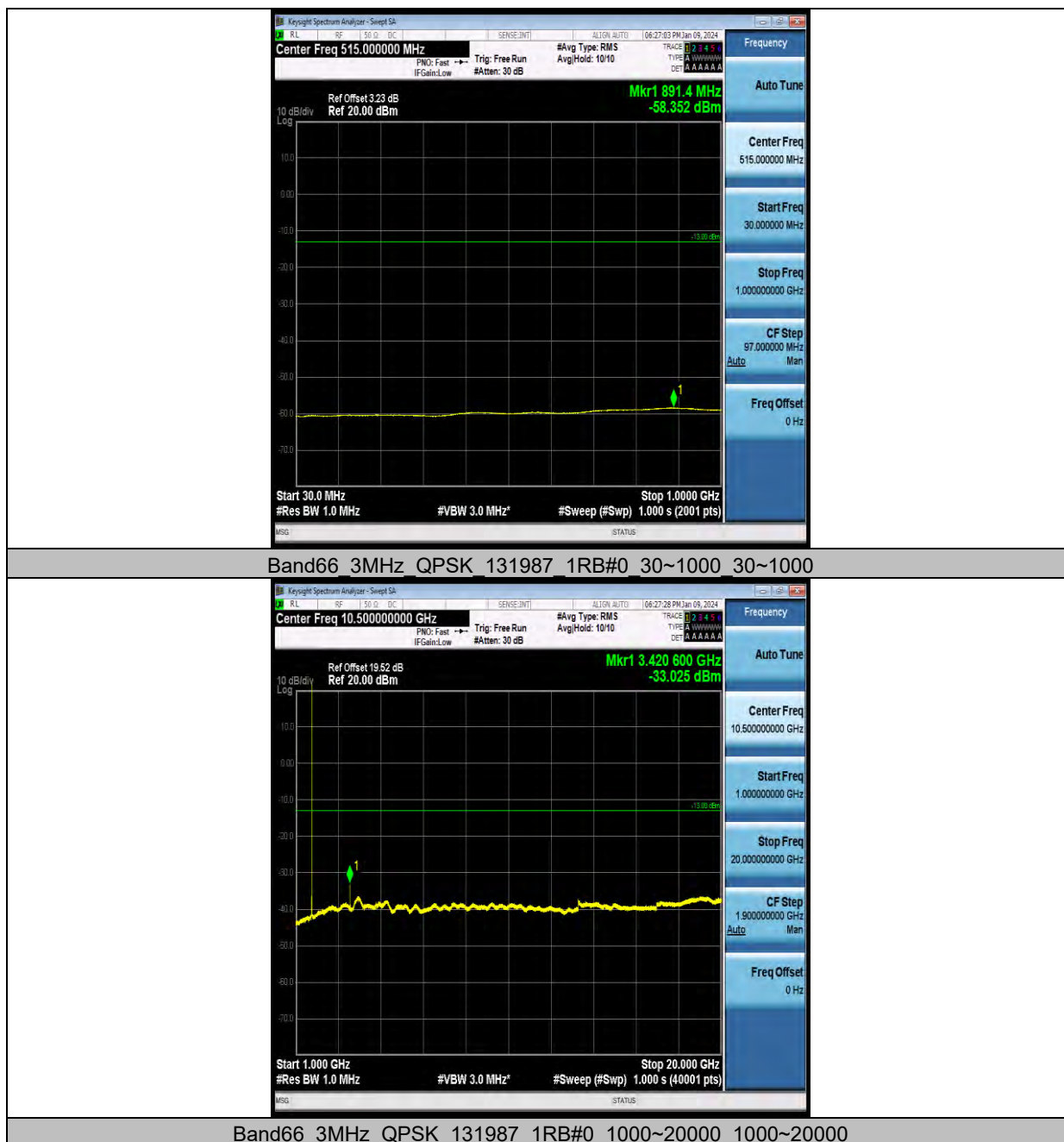
BV 7Layers Communications Technology
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Zhaoshang Street, Nanshan District Shenzhen,
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customerservice.sw@bureauveritas.com

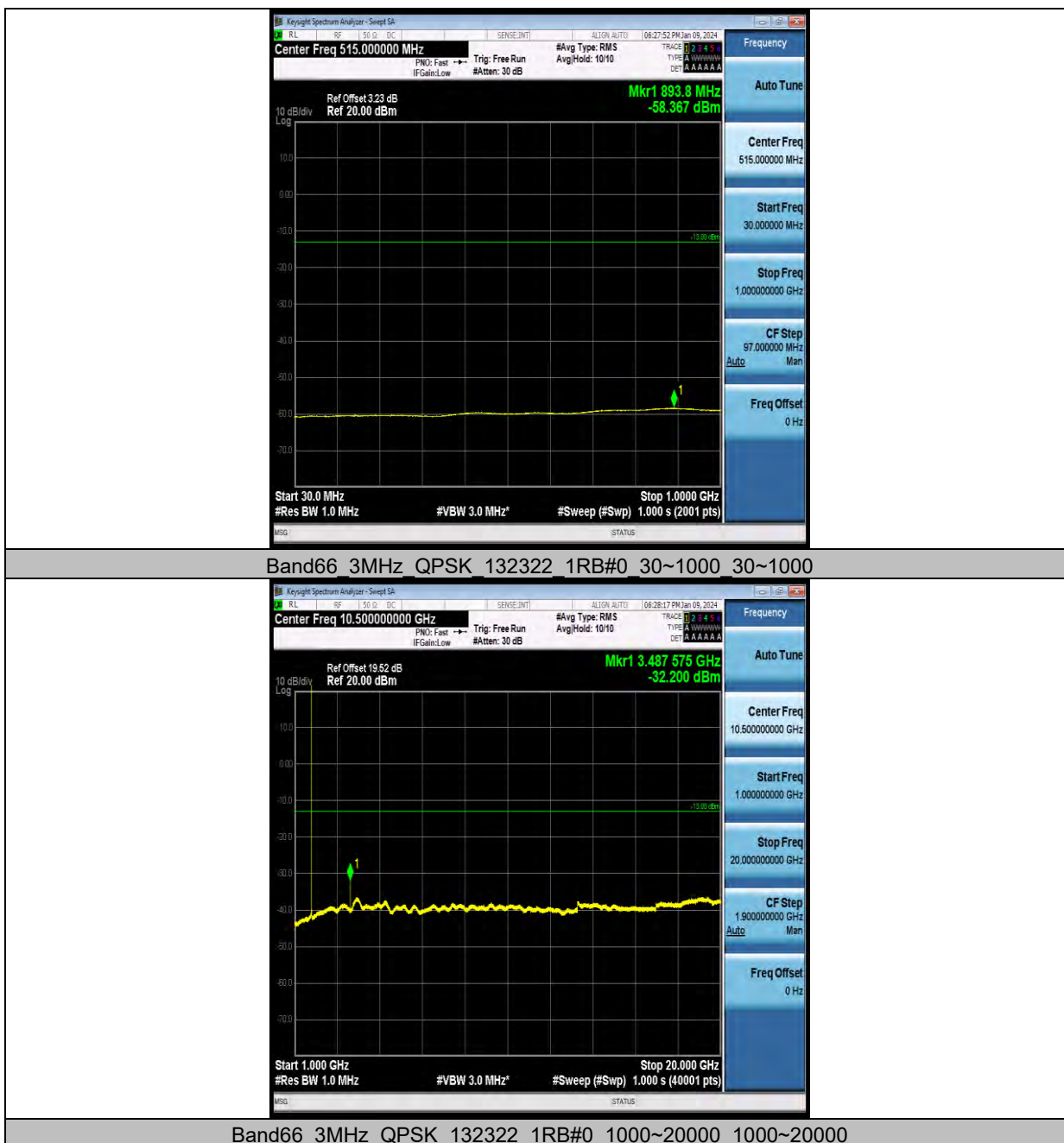


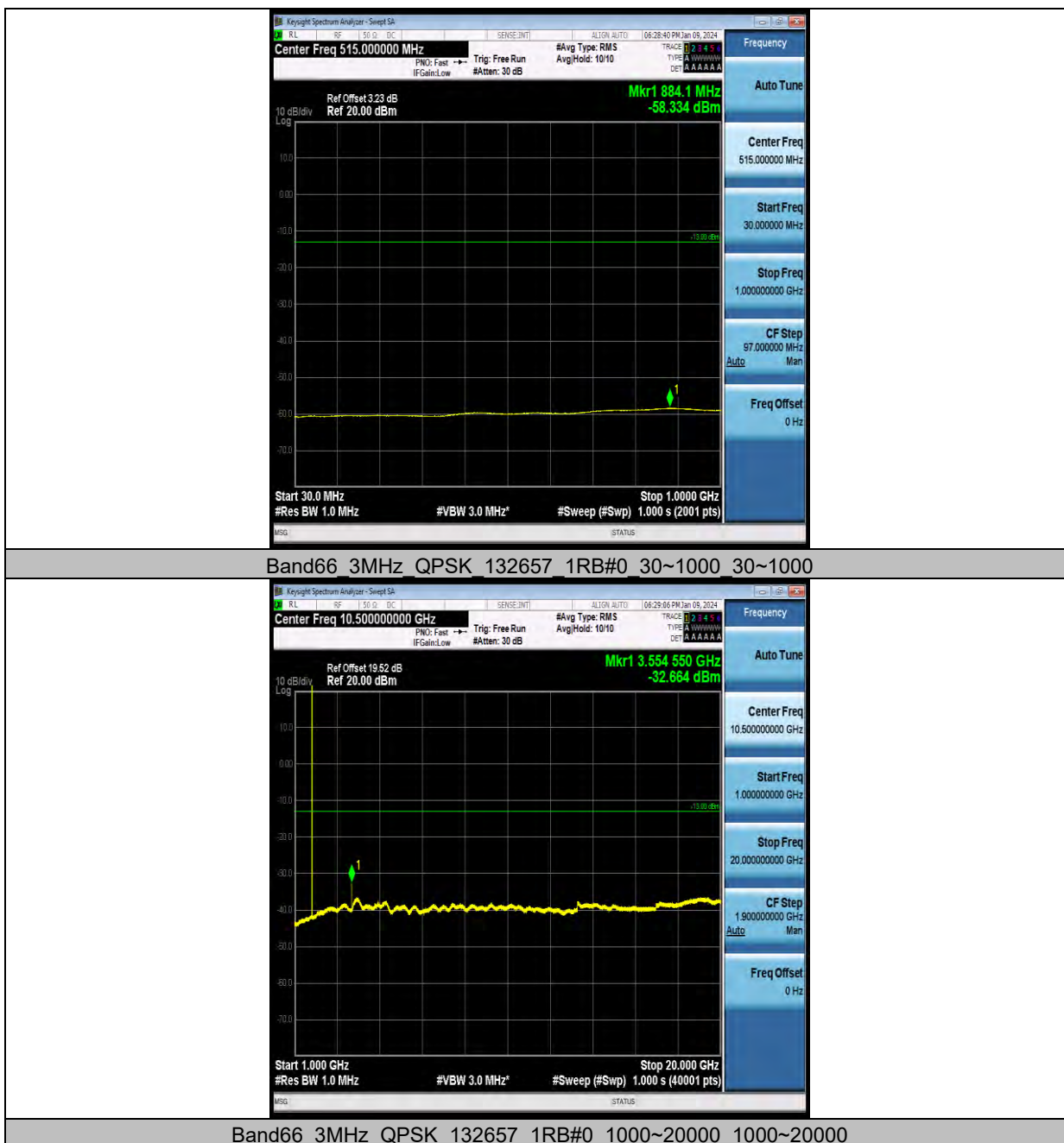
Test Report No.: W7L-P23120020RF04





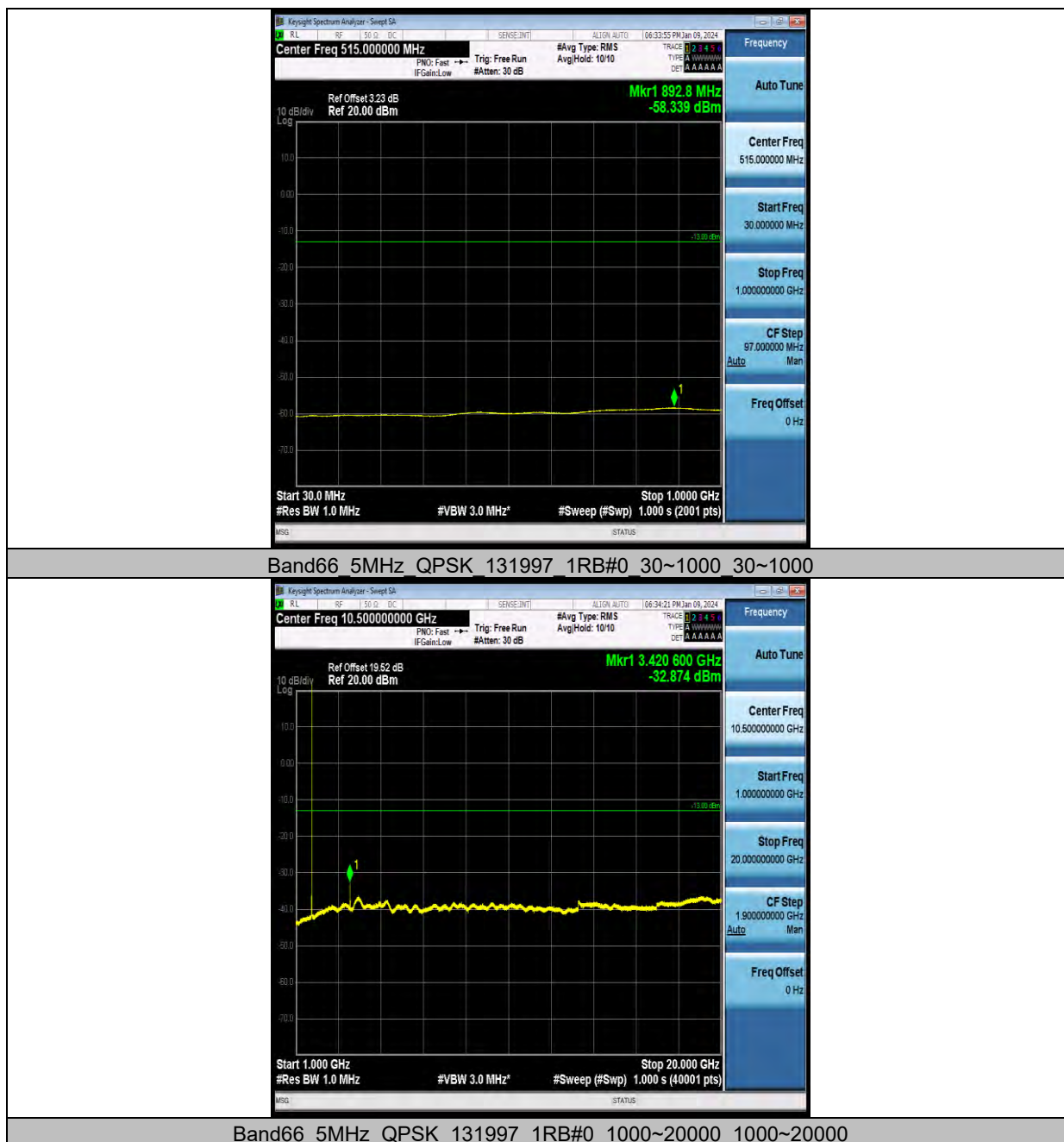
Test Report No.: W7L-P23120020RF04





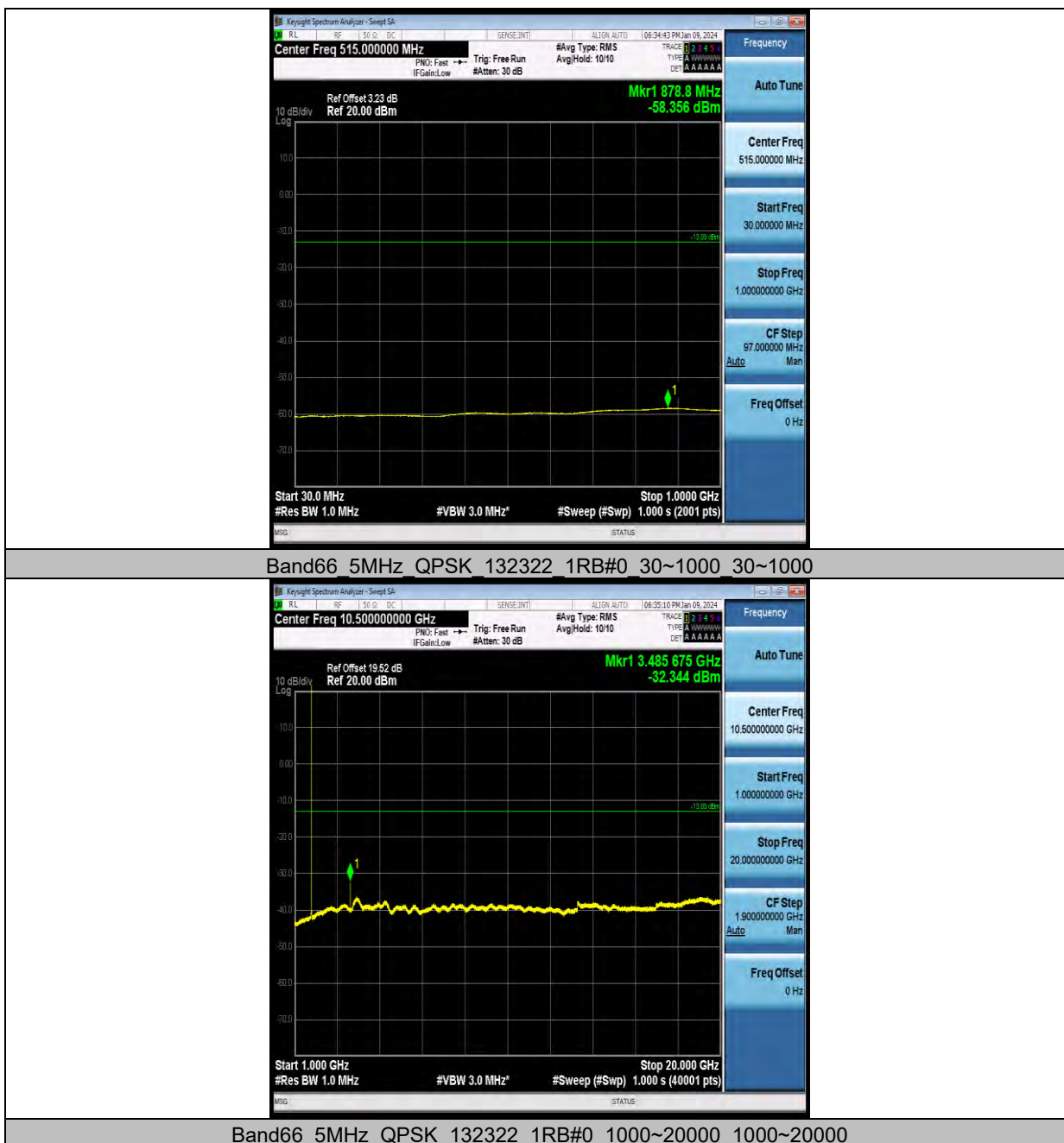


Test Report No.: W7L-P23120020RF04





Test Report No.: W7L-P23120020RF04

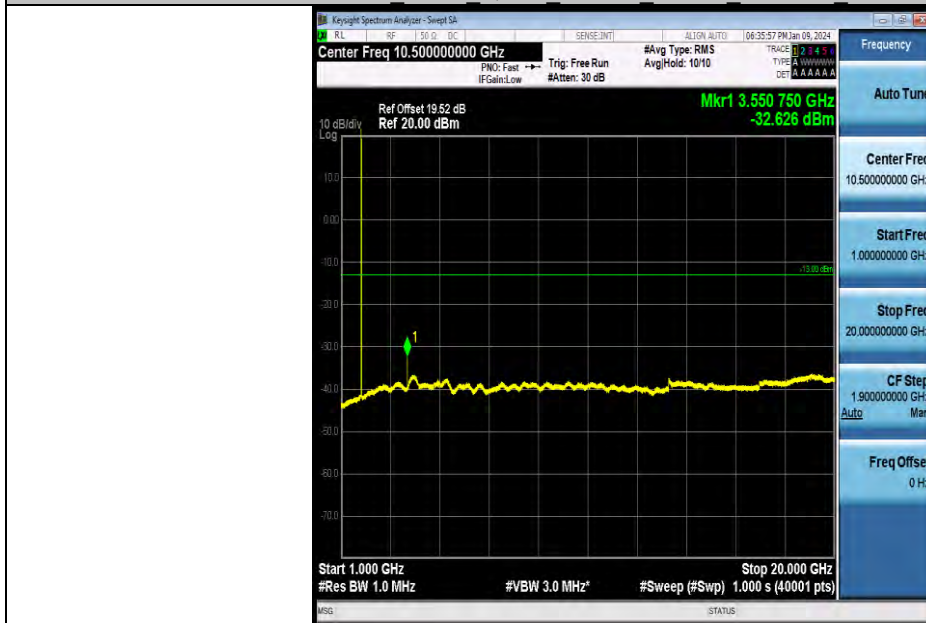




Test Report No.: W7L-P23120020RF04



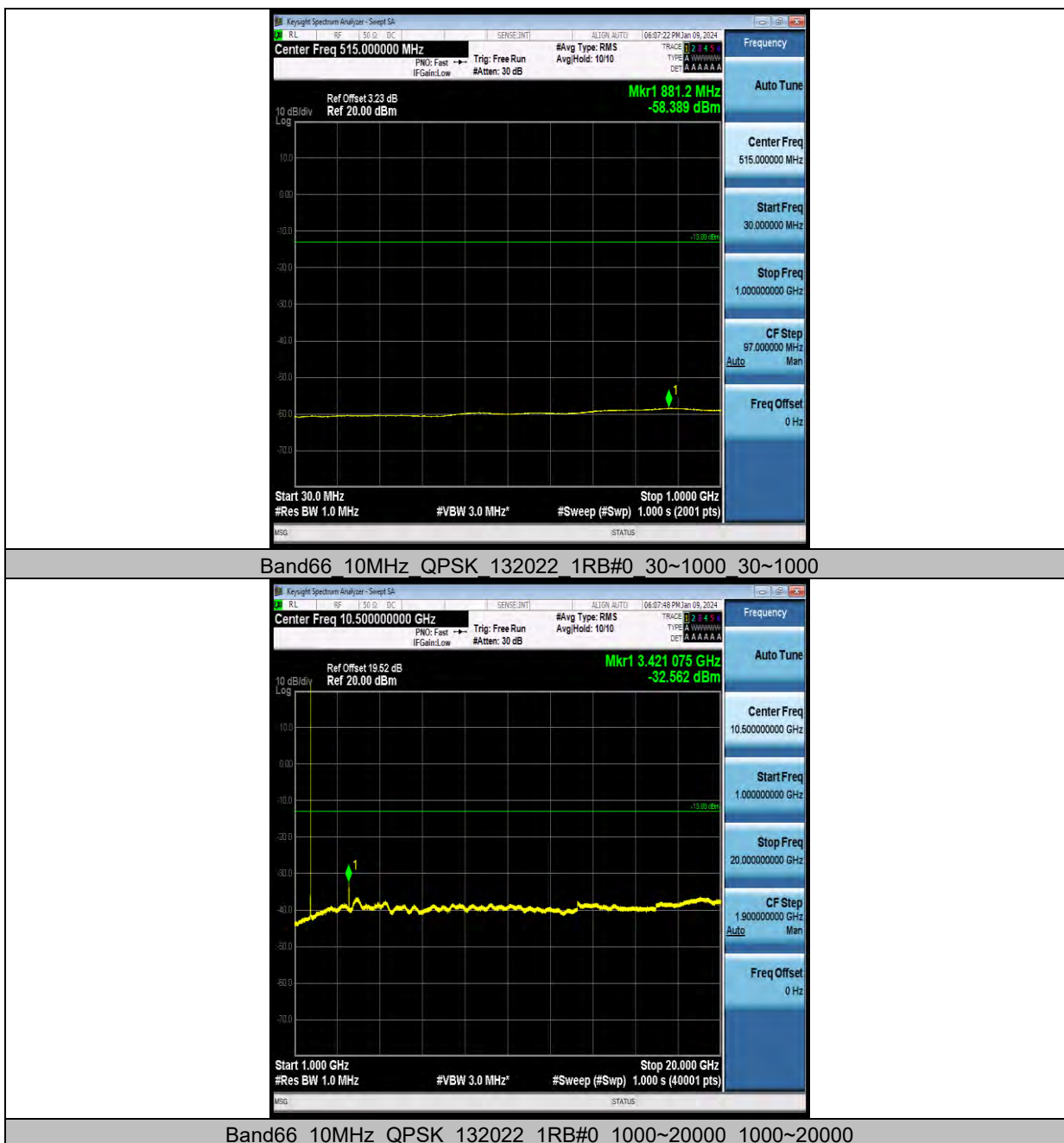
Band66 5MHz QPSK 132647 1RB#0 30~1000 30~1000

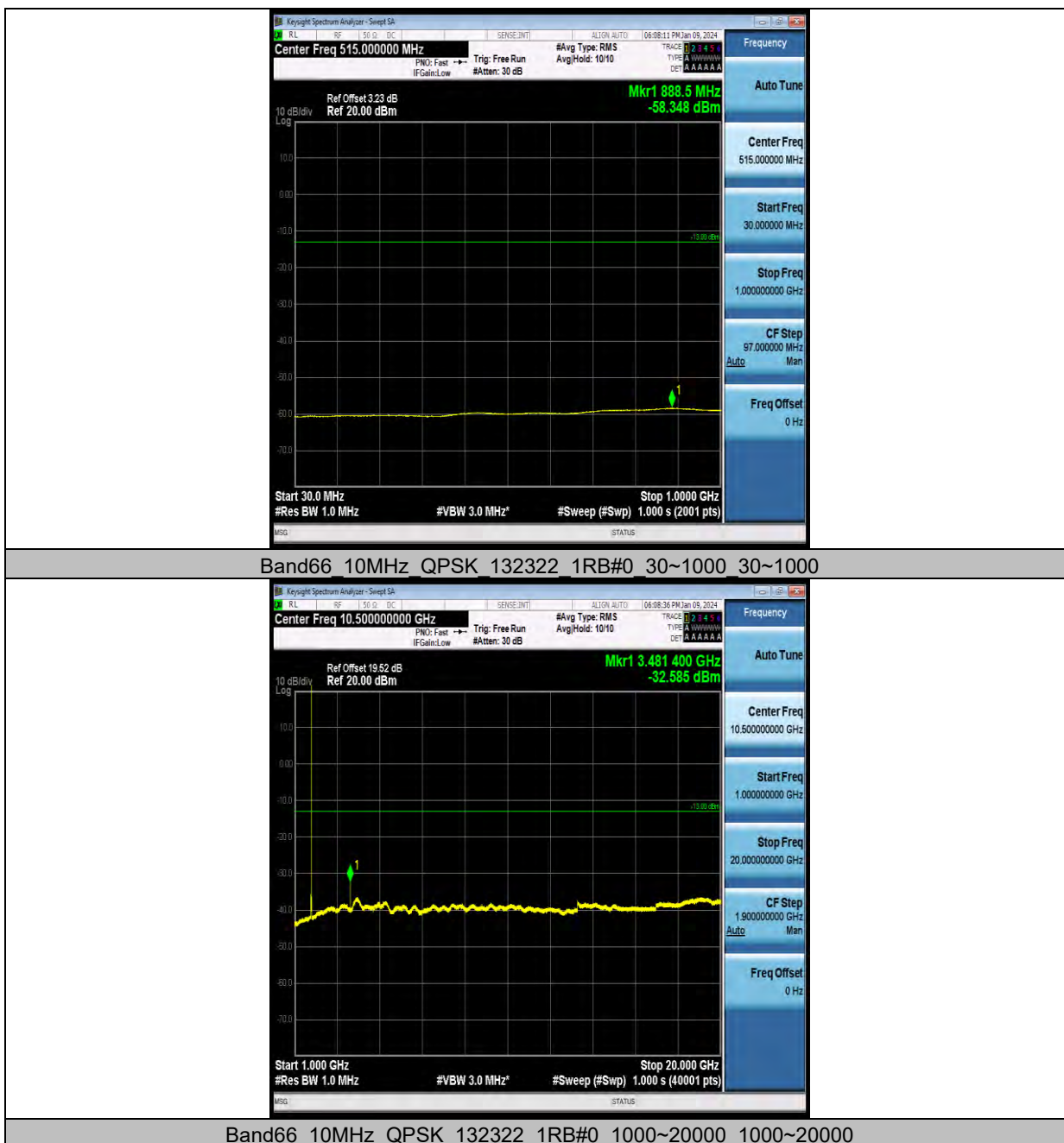


Band66 5MHz QPSK 132647 1RB#0 1000~20000 1000~20000



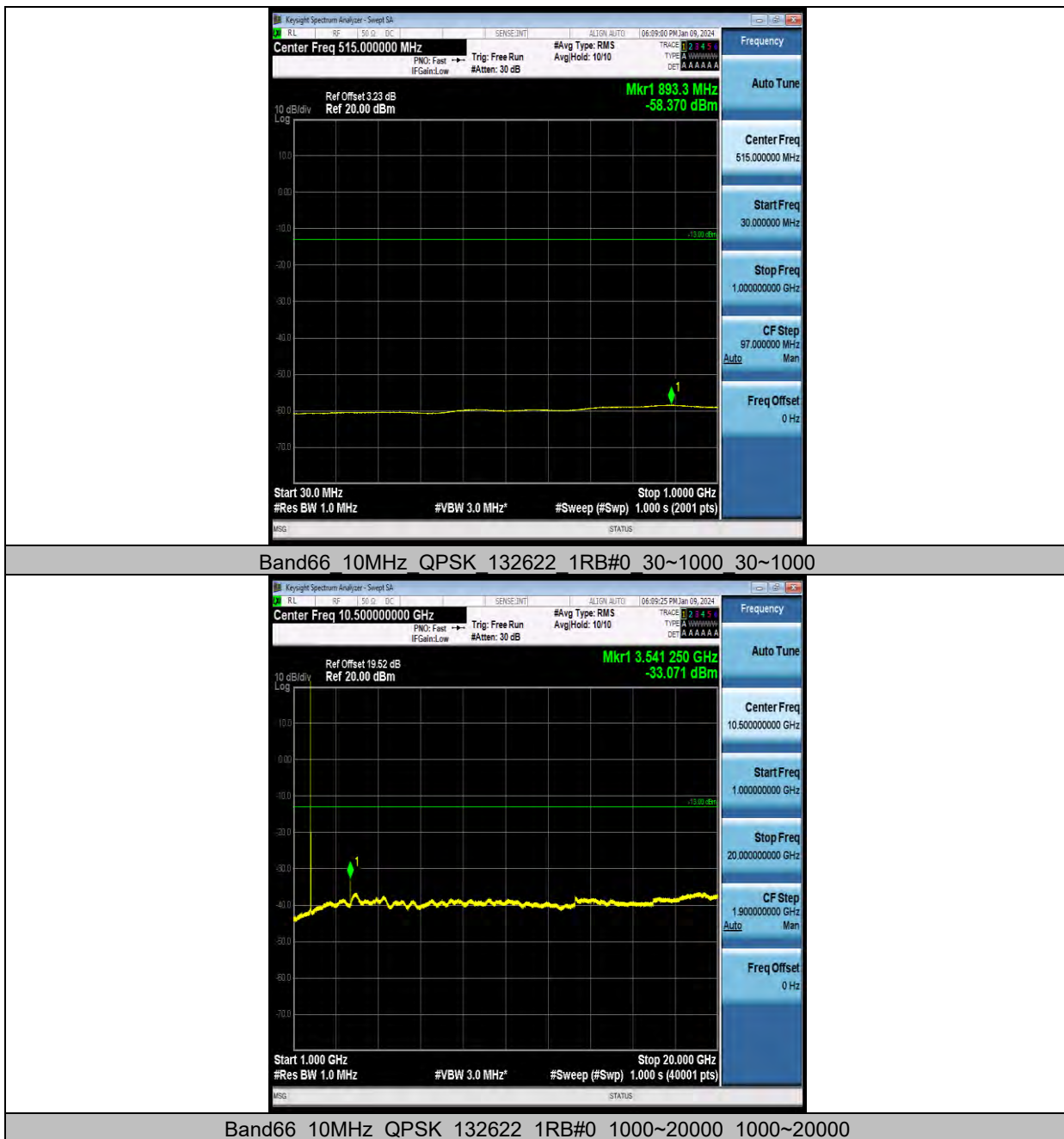
Test Report No.: W7L-P23120020RF04







Test Report No.: W7L-P23120020RF04



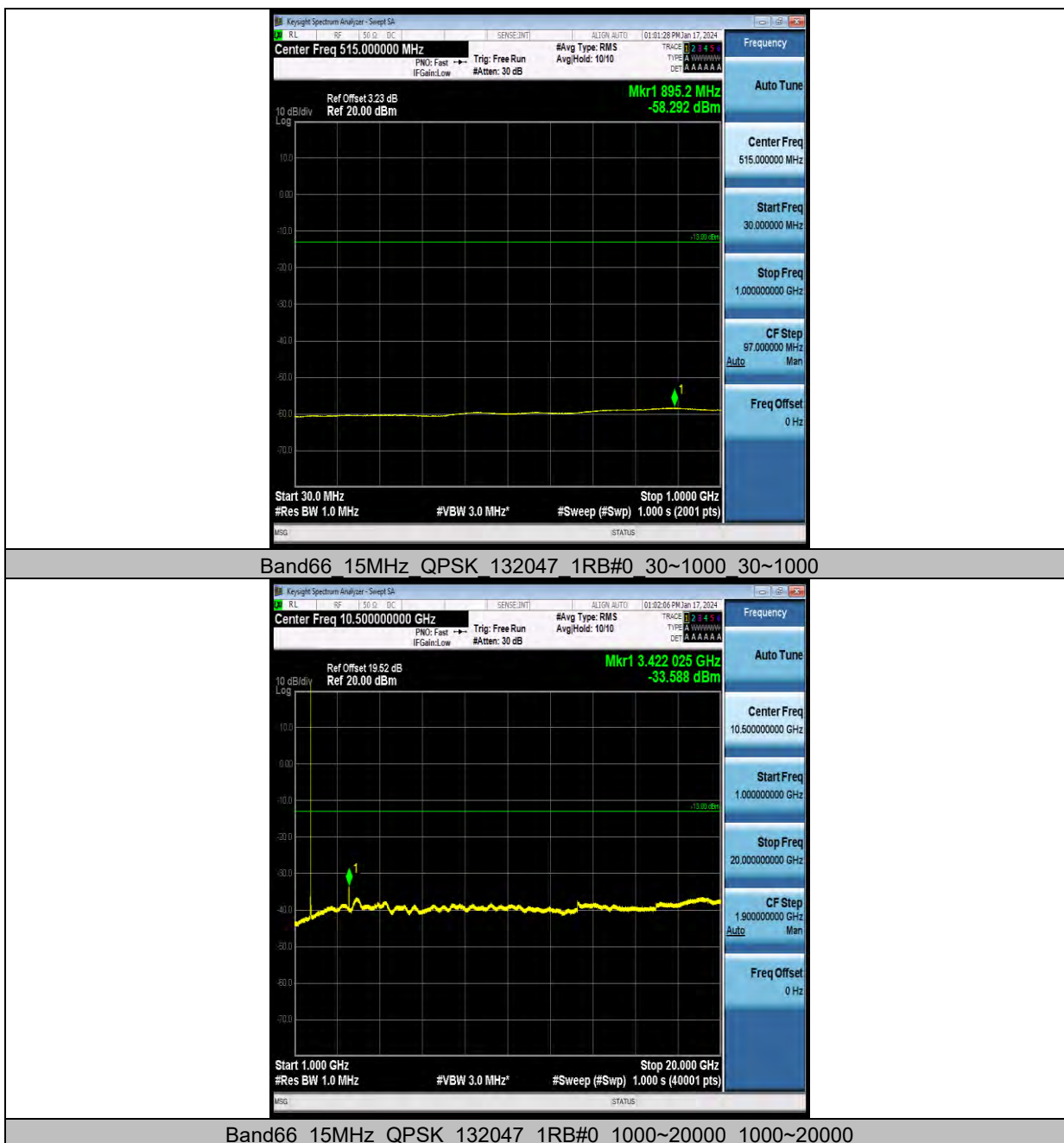
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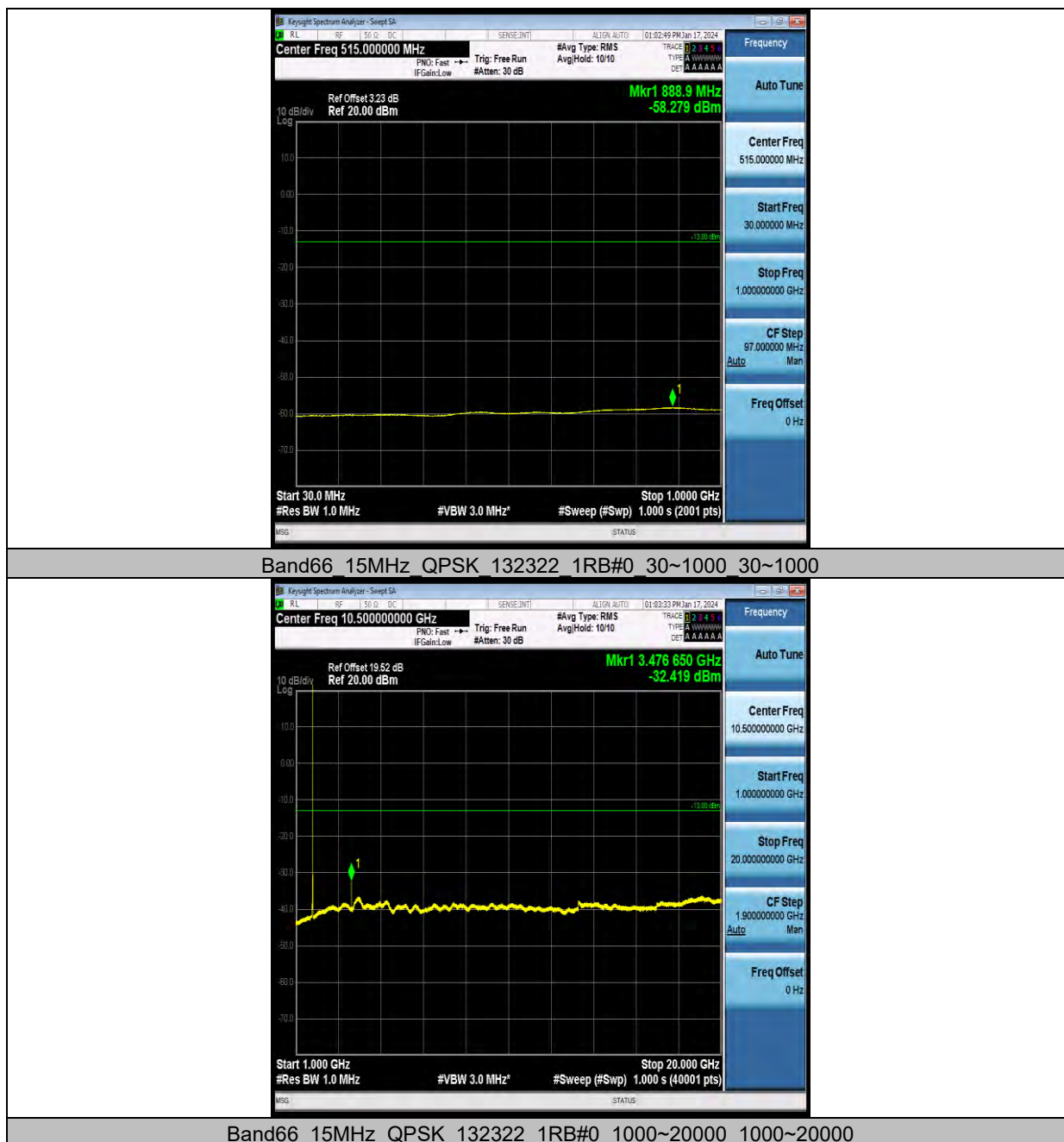


Test Report No.: W7L-P23120020RF04



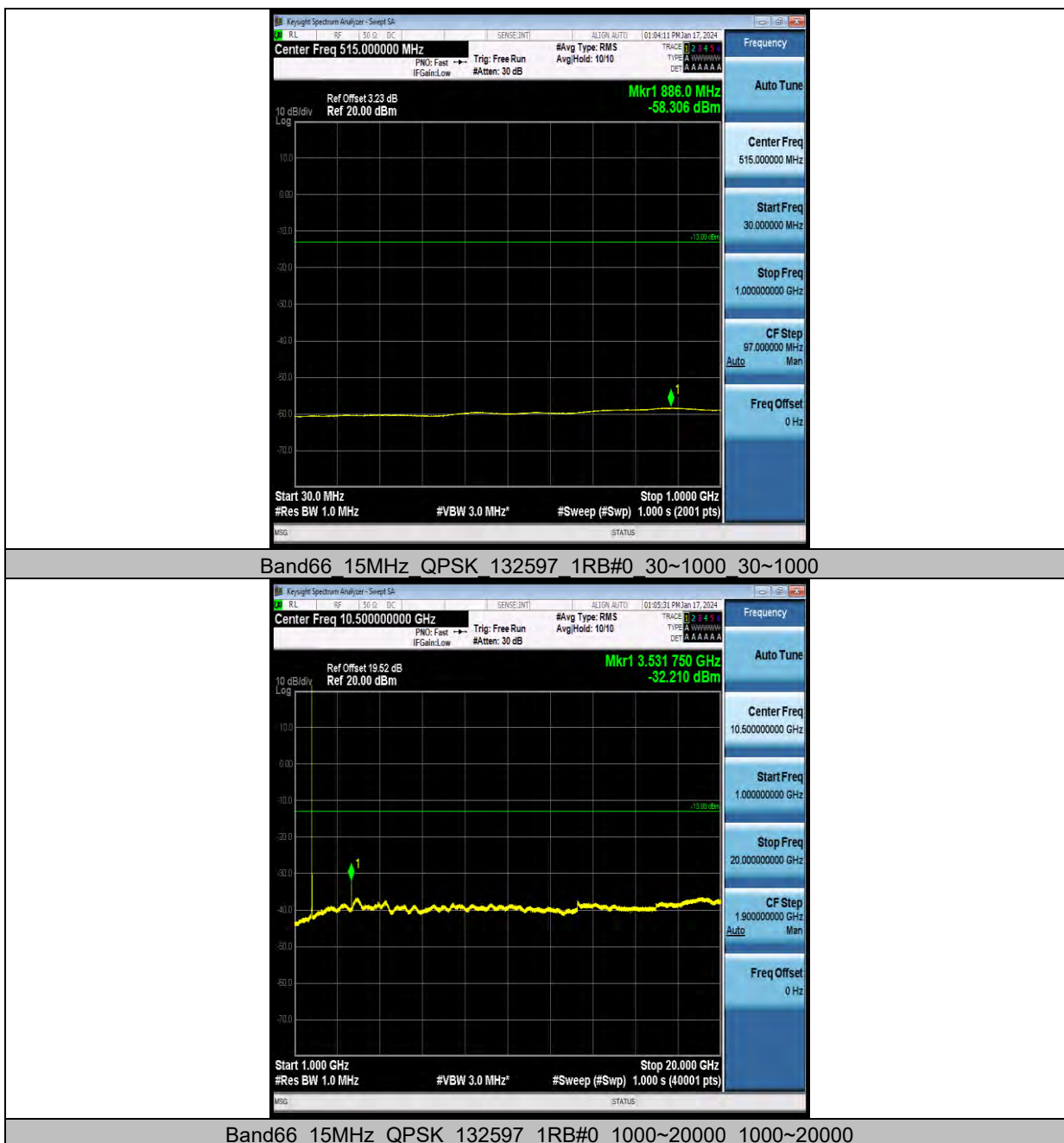


Test Report No.: W7L-P23120020RF04



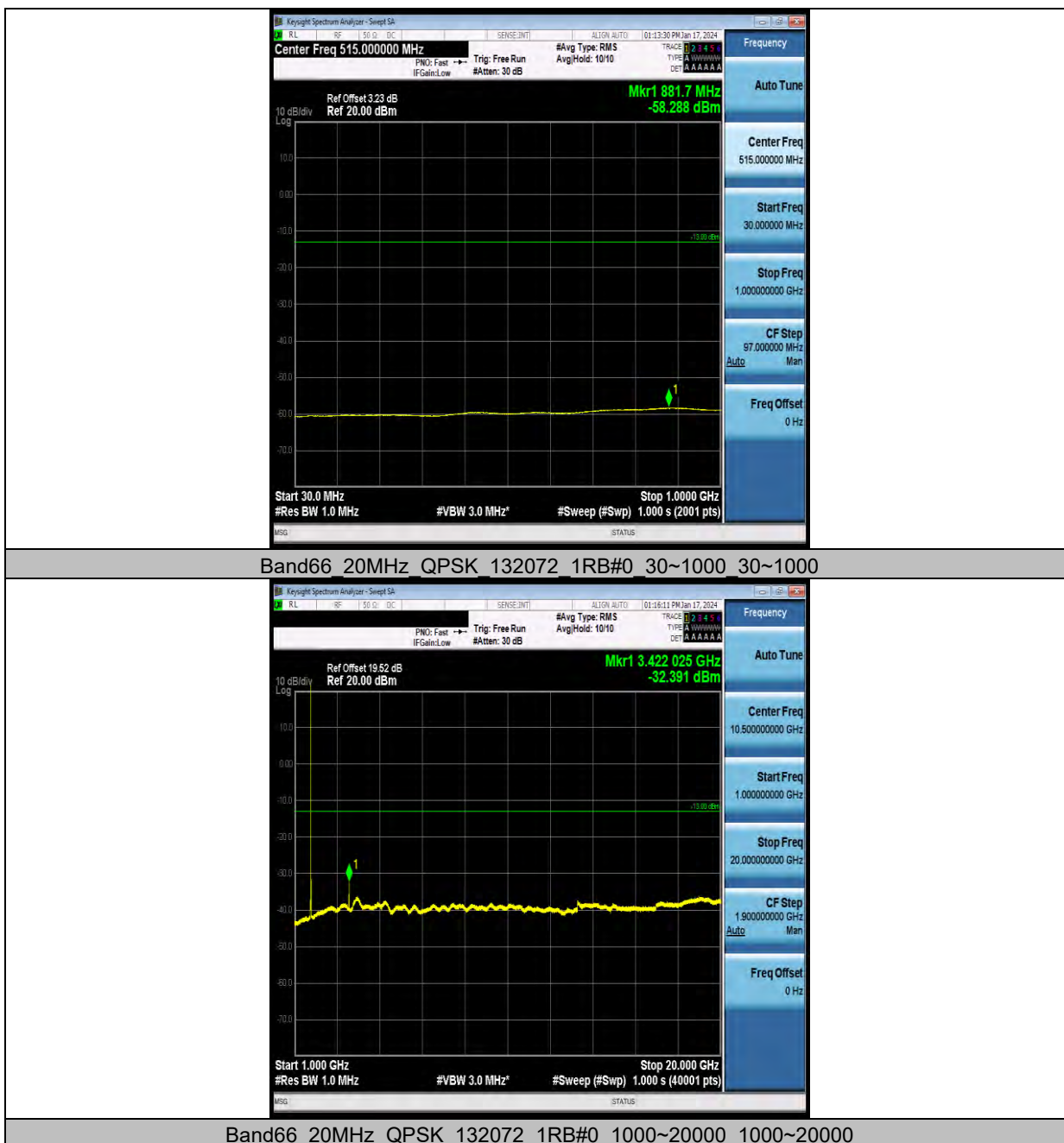


Test Report No.: W7L-P23120020RF04



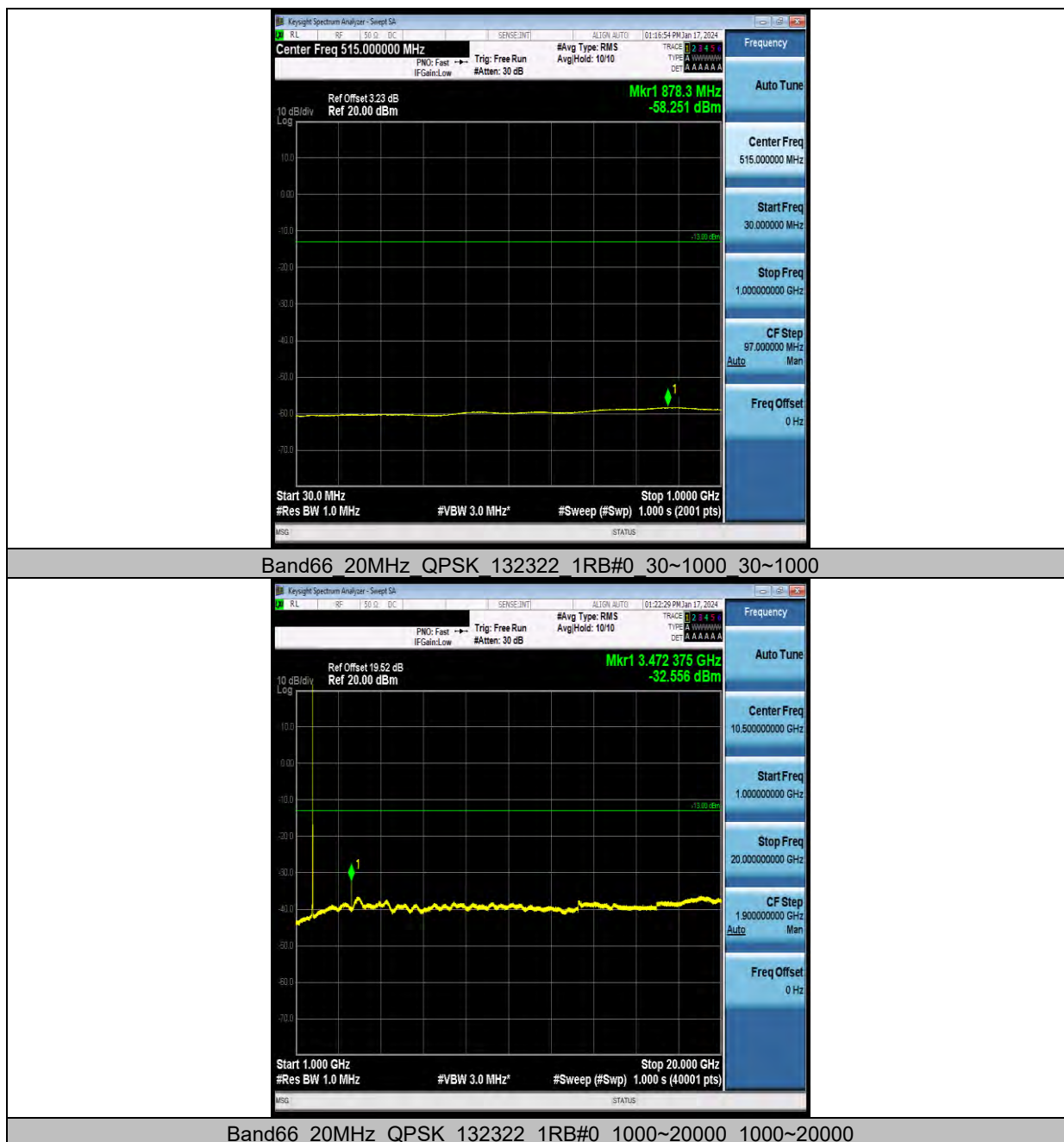


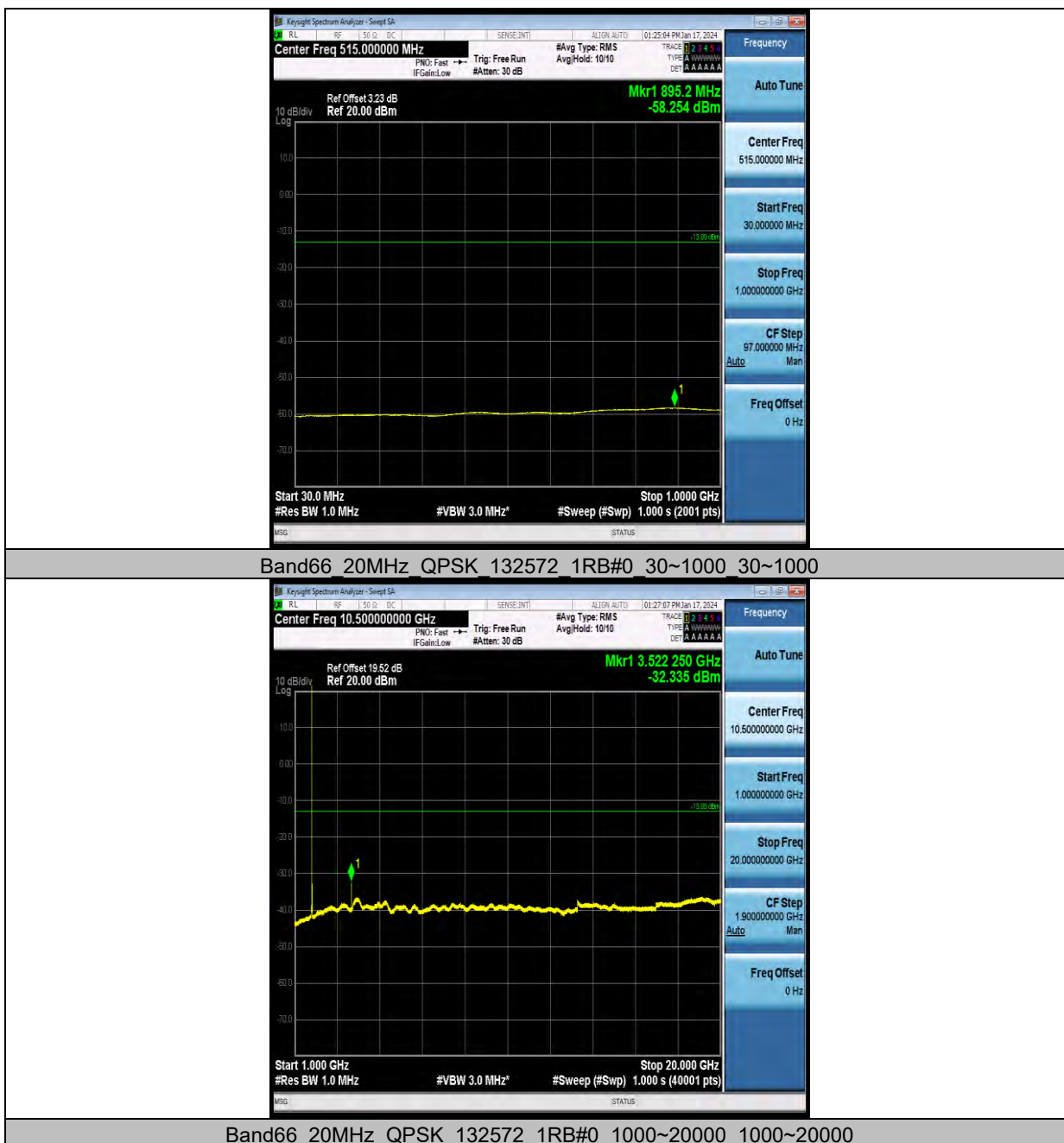
Test Report No.: W7L-P23120020RF04





Test Report No.: W7L-P23120020RF04





FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth h	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66	10MHz	QPSK	13202 2	50RB#0	VN	NT	2.78	0.001621	±2.5	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	VL	NT	5.22	0.003044	±2.5	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	VH	NT	-2.13	-0.001242	±2.5	PASS
Band66	10MHz	QPSK	13232 2	50RB#0	VN	NT	-2.68	-0.001536	±2.5	PASS
Band66	10MHz	QPSK	13232 2	50RB#0	VL	NT	-1.87	-0.001072	±2.5	PASS
Band66	10MHz	QPSK	13232 2	50RB#0	VH	NT	2.20	0.001261	±2.5	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	VN	NT	-0.74	-0.000417	±2.5	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	VL	NT	-3.16	-0.001780	±2.5	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	VH	NT	2.79	0.001572	±2.5	PASS

Temperature										
Band	Bandwidth h	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66	10MHz	QPSK	13202 2	50RB#0	NV	-30	-2.10	-0.001224	±2.5	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	NV	-20	3.39	0.001977	±2.5	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	NV	-10	-1.57	-0.000915	±2.5	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	NV	0	-4.52	-0.002636	±2.5	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	NV	10	-2.88	-0.001679	±2.5	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	NV	20	1.86	0.001085	±2.5	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	NV	30	-3.29	-0.001918	±2.5	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	NV	40	-2.02	-0.001178	±2.5	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	NV	50	-3.93	-0.002292	±2.5	PASS

Band66	10MHz	QPSK	13232 2	50RB#0	NV	-30	-12.60	-0.007221	±2.5	PASS
Band66	10MHz	QPSK	13232 2	50RB#0	NV	-20	1.53	0.000877	±2.5	PASS
Band66	10MHz	QPSK	13232 2	50RB#0	NV	-10	2.69	0.001542	±2.5	PASS
Band66	10MHz	QPSK	13232 2	50RB#0	NV	0	2.75	0.001576	±2.5	PASS
Band66	10MHz	QPSK	13232 2	50RB#0	NV	10	6.75	0.003868	±2.5	PASS
Band66	10MHz	QPSK	13232 2	50RB#0	NV	20	-1.42	-0.000814	±2.5	PASS
Band66	10MHz	QPSK	13232 2	50RB#0	NV	30	-2.32	-0.001330	±2.5	PASS
Band66	10MHz	QPSK	13232 2	50RB#0	NV	40	1.97	0.001129	±2.5	PASS
Band66	10MHz	QPSK	13232 2	50RB#0	NV	50	3.36	0.001926	±2.5	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	NV	-30	2.73	0.001538	±2.5	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	NV	-20	-1.67	-0.000941	±2.5	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	NV	-10	-4.15	-0.002338	±2.5	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	NV	0	-3.13	-0.001763	±2.5	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	NV	10	2.13	0.001200	±2.5	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	NV	20	-4.03	-0.002270	±2.5	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	NV	30	3.08	0.001735	±2.5	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	NV	40	-1.72	-0.000969	±2.5	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	NV	50	-3.18	-0.001792	±2.5	PASS

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