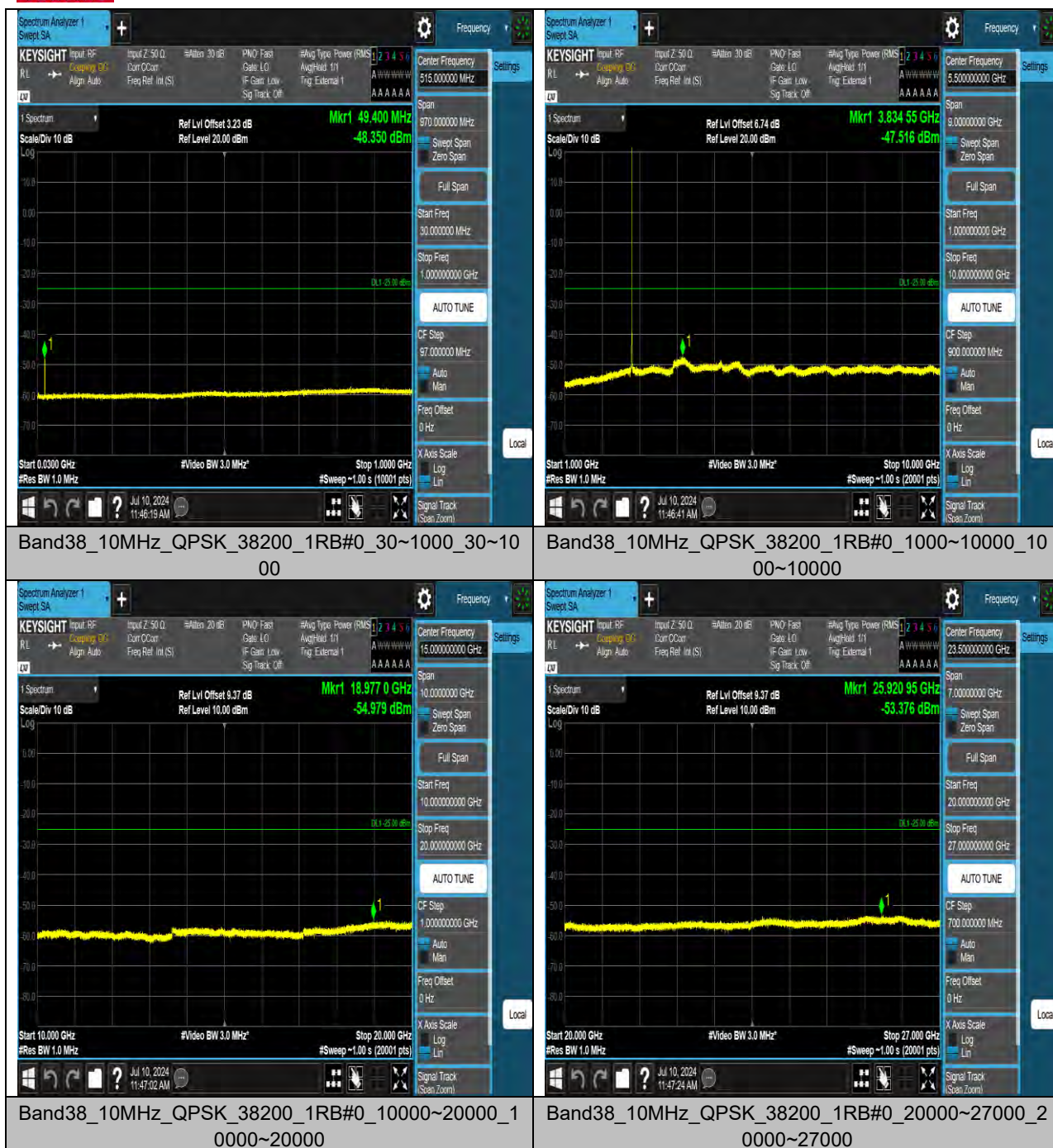




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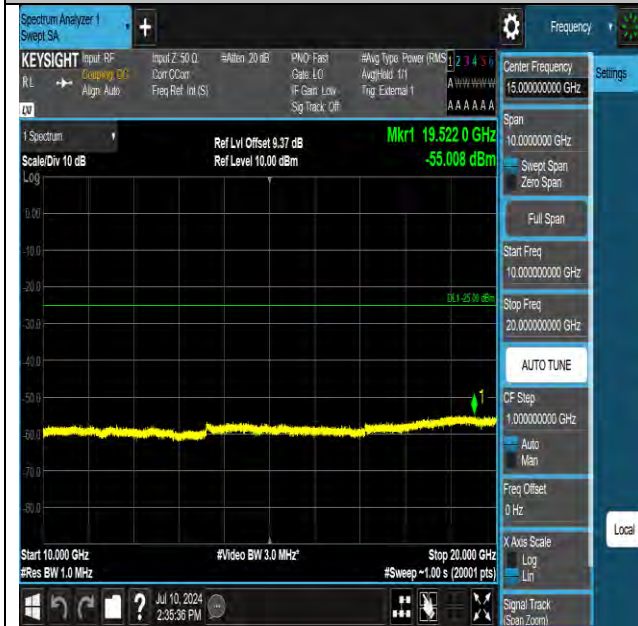
Reference No.: W7L-P24070005RF04



Band38_15MHz_QPSK_37825_1RB#0_30~1000_30~1000



Band38_15MHz_QPSK_37825_1RB#0_1000~10000_1000~10000



Band38_15MHz_QPSK_37825_1RB#0_10000~20000_10000~20000

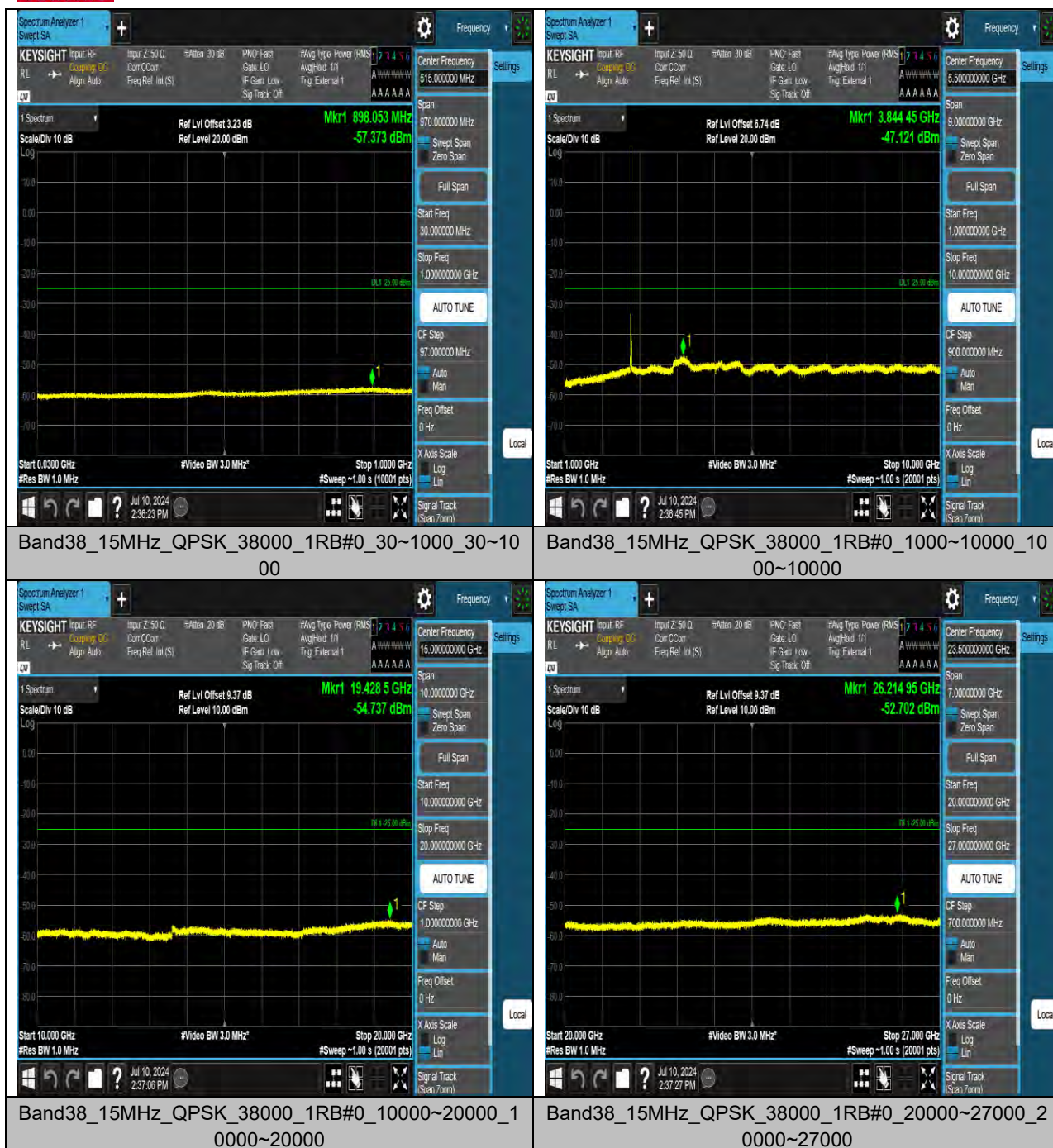


Band38_15MHz_QPSK_37825_1RB#0_20000~27000_20000~27000



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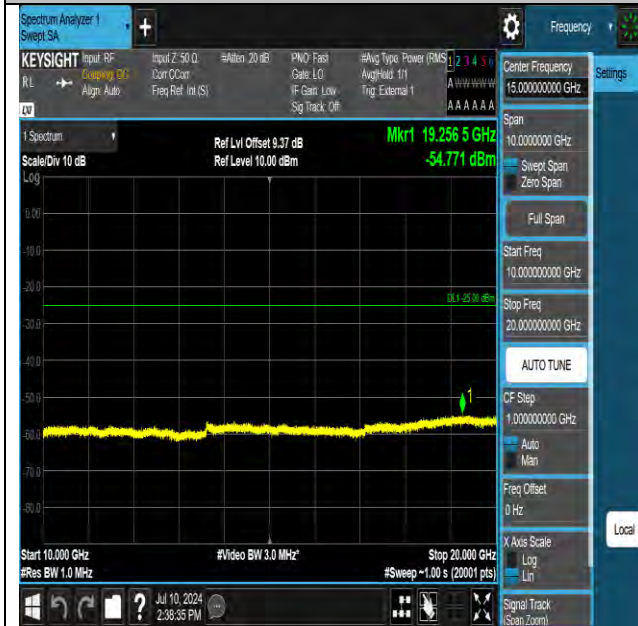
Reference No.: W7L-P24070005RF04



Band38_15MHz_QPSK_38175_1RB#0_30~1000_30~1000



Band38_15MHz_QPSK_38175_1RB#0_1000~10000_1000~10000



Band38_15MHz_QPSK_38175_1RB#0_10000~20000_10000~20000

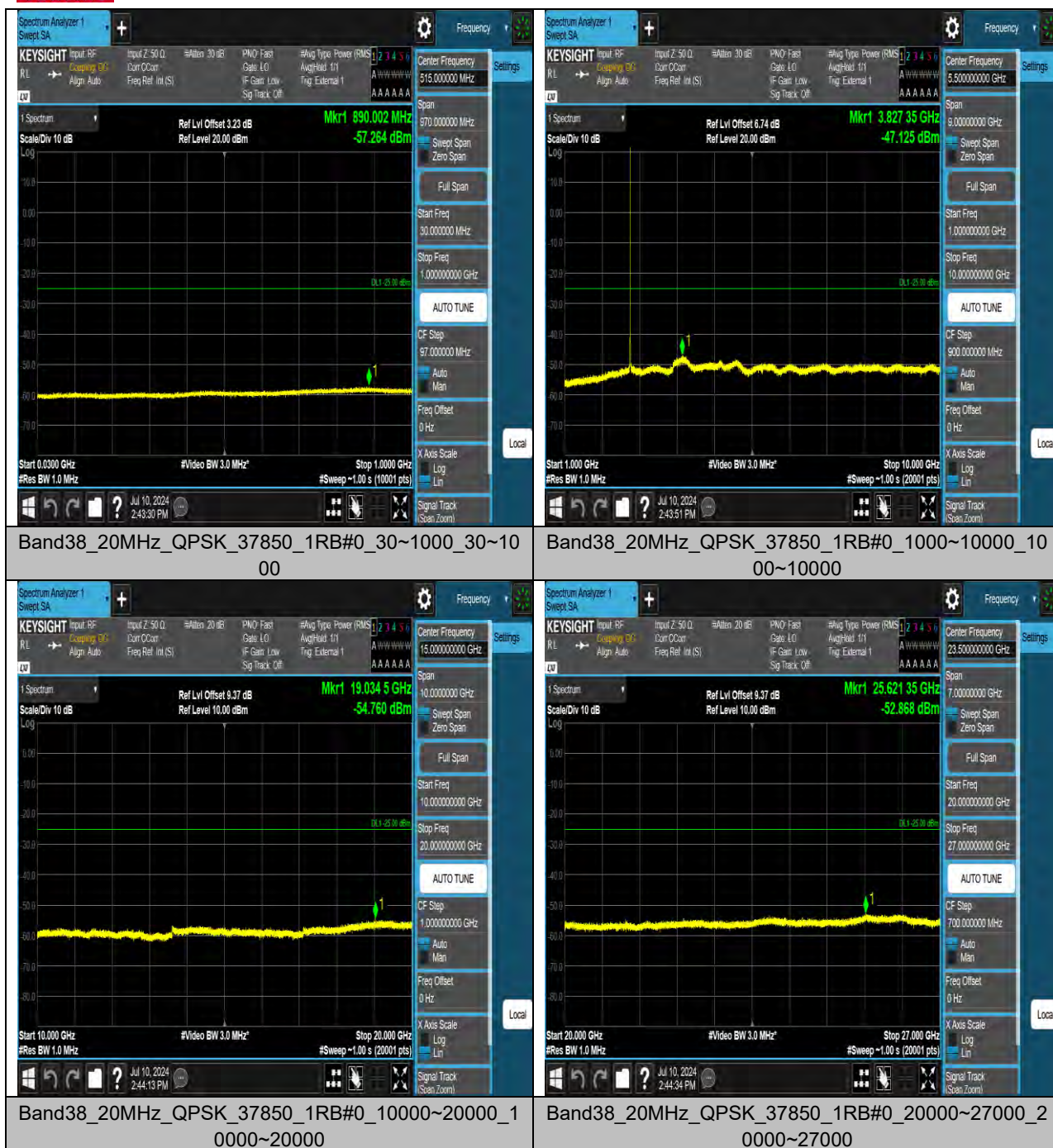


Band38_15MHz_QPSK_38175_1RB#0_20000~27000_20000~27000



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Reference No.: W7L-P24070005RF04





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VERITAS

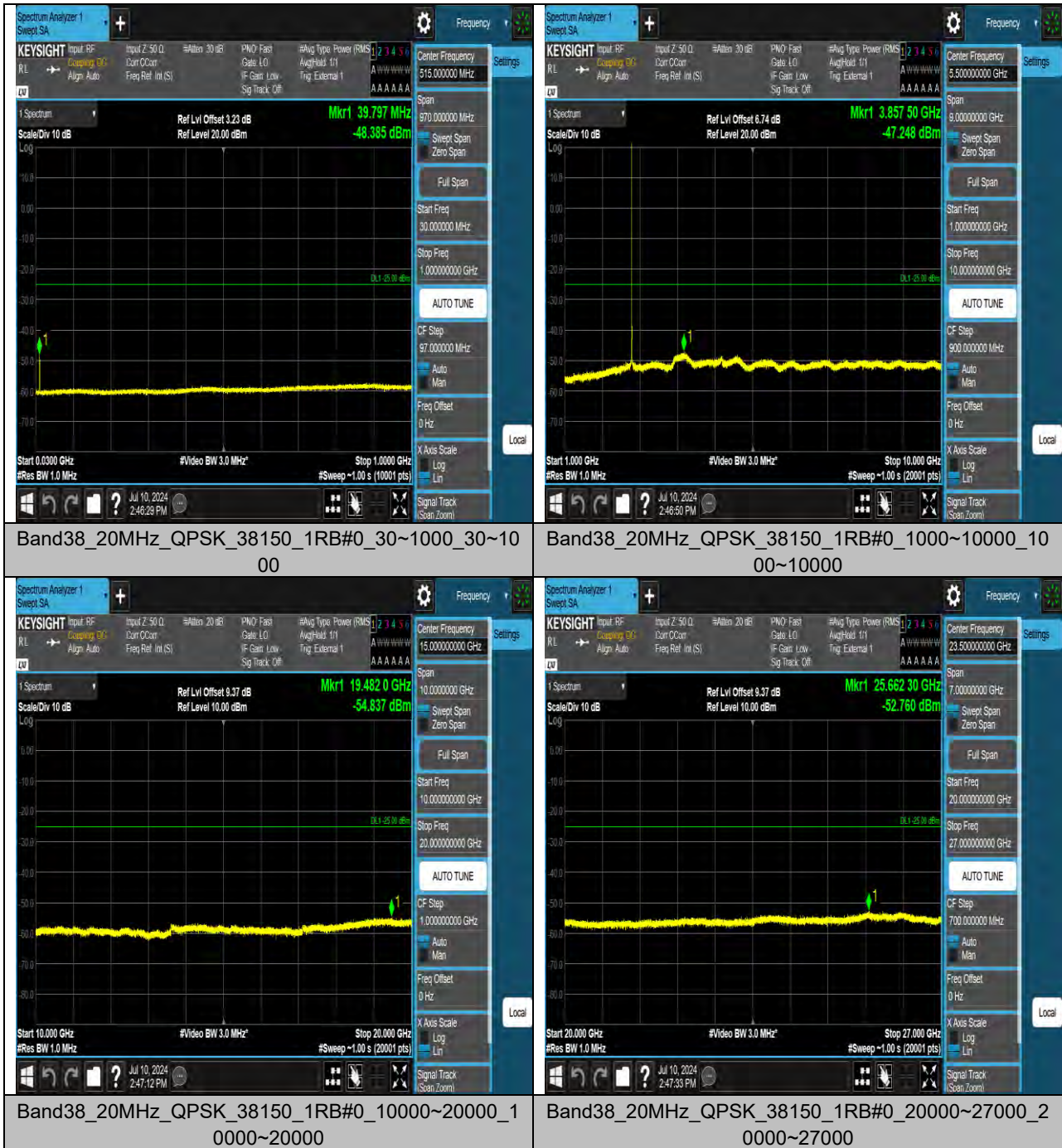
Reference No.: W7L-P24070005RF04





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Reference No.: W7L-P24070005RF04

FREQUENCY STABILITY TEST RESULT

Voltage												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band38	10MHz	QPSK	37800	50RB#0	VN	NT	-1088.62	-0.422766	2570.51446	---	2570-2620	PASS
Band38	10MHz	QPSK	37800	50RB#0	VL	NT	1247.22	0.484358	2570.52065	---	2570-2620	PASS
Band38	10MHz	QPSK	37800	50RB#0	VH	NT	-1234.47	-0.479405	2570.51858	---	2570-2620	PASS
Band38	10MHz	QPSK	38200	50RB#0	VN	NT	901.26	0.344649	---	2619.46328	2570-2620	PASS
Band38	10MHz	QPSK	38200	50RB#0	VL	NT	-1058.22	-0.404674	---	2619.46276	2570-2620	PASS
Band38	10MHz	QPSK	38200	50RB#0	VH	NT	-1291.28	-0.493799	---	2619.46076	2570-2620	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band38	10MHz	QPSK	37800	50RB#0	NV	-30	-1096.16	-0.425692	2570.51817	---	2570-2620	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-20	1234.25	0.479320	2570.53001	---	2570-2620	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-10	-1304.52	-0.506610	2570.51938	---	2570-2620	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	0	-1406.24	-0.546112	2570.53009	---	2570-2620	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	10	1419.07	0.551093	2570.52335	---	2570-2620	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	20	-1503.79	-0.583997	2570.52085	---	2570-2620	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	30	1442.03	0.560010	2570.51869	---	2570-2620	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	40	1298.60	0.504309	2570.53747	---	2570-2620	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	50	-1327.17	-0.515406	2570.53713	---	2570-2620	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-30	950.70	0.363558	---	2619.45468	2570-2620	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-20	-1058.77	-0.404882	---	2619.46278	2570-2620	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-10	-1126.44	-0.430763	---	2619.46055	2570-2620	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	0	1094.10	0.418	---	2619.46076	2570-2620	PASS



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8	z			#0			29	466		46182	2620	
Band3 8	10MH z	QPSK	38200	50RB #0	NV	10	930.5 9	0.355 866	---	2619. 46266	2570- 2620	PASS
Band3 8	10MH z	QPSK	38200	50RB #0	NV	20	-606.8 5	-0.232 064	---	2619. 45488	2570- 2620	PASS
Band3 8	10MH z	QPSK	38200	50RB #0	NV	30	-696.2 9	-0.266 267	---	2619. 46097	2570- 2620	PASS
Band3 8	10MH z	QPSK	38200	50RB #0	NV	40	-959.2 6	-0.366 831	---	2619. 46349	2570- 2620	PASS
Band3 8	10MH z	QPSK	38200	50RB #0	NV	50	-939.2 4	-0.359 173	---	2619. 46326	2570- 2620	PASS



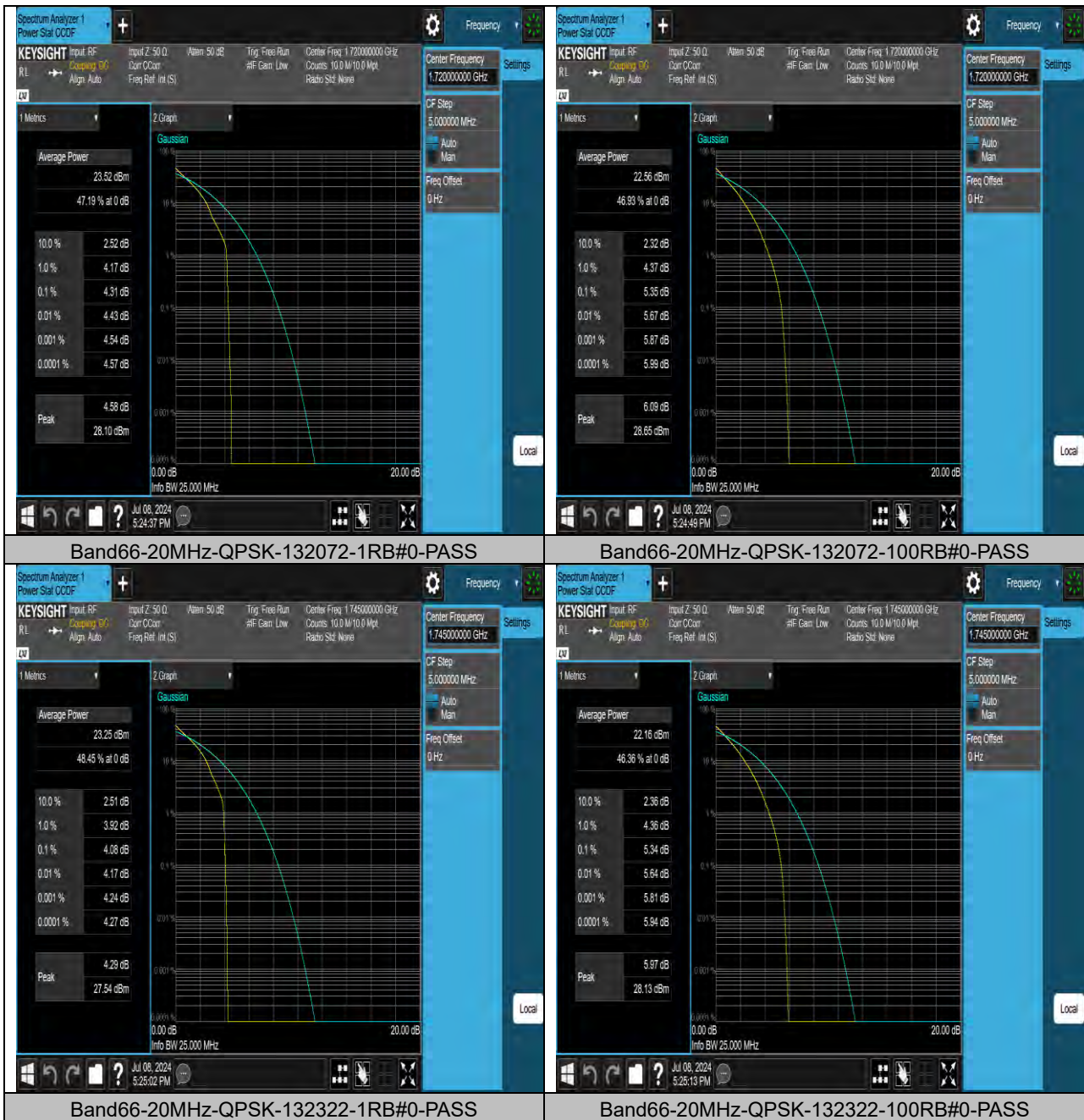
Reference No.: W7L-P24070005RF04

LTE BAND 66(INCLUDING B4)

PEAK-TO-AVERAGE RATIO(CCDF) TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	20MHz	QPSK	132072	1RB#0	4.31	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.35	13	PASS
Band66	20MHz	QPSK	132322	1RB#0	4.08	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.34	13	PASS
Band66	20MHz	QPSK	132572	1RB#0	4.17	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.23	13	PASS

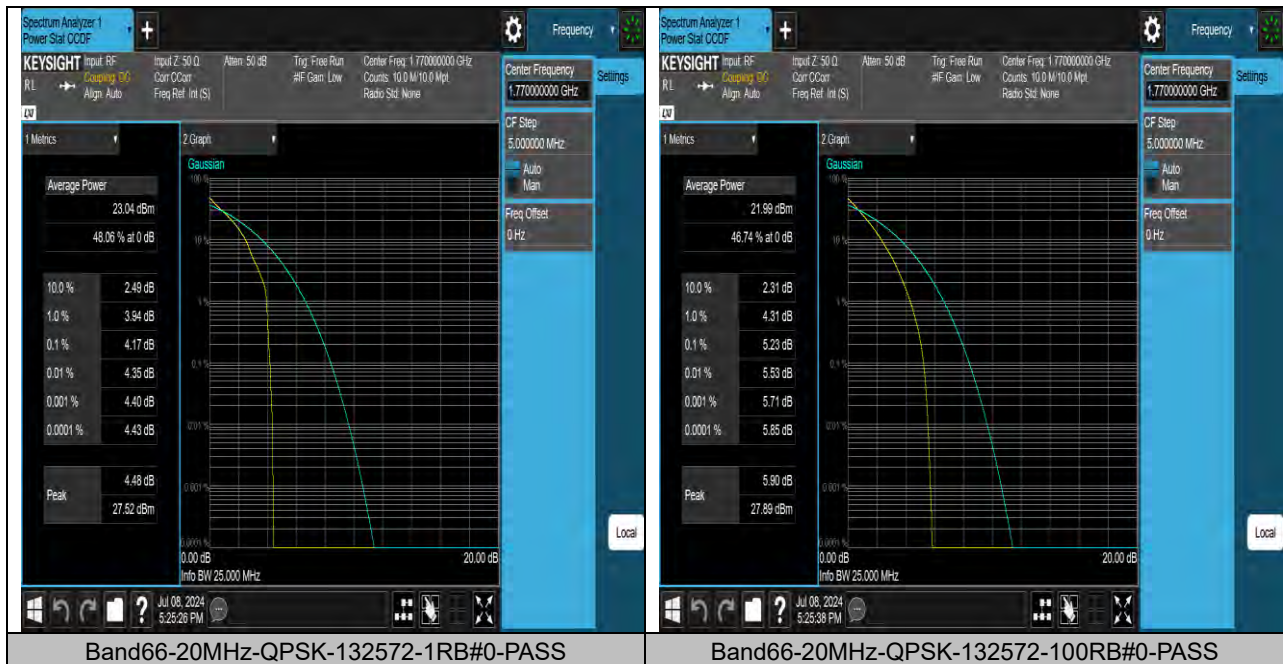
TEST GRAPHS





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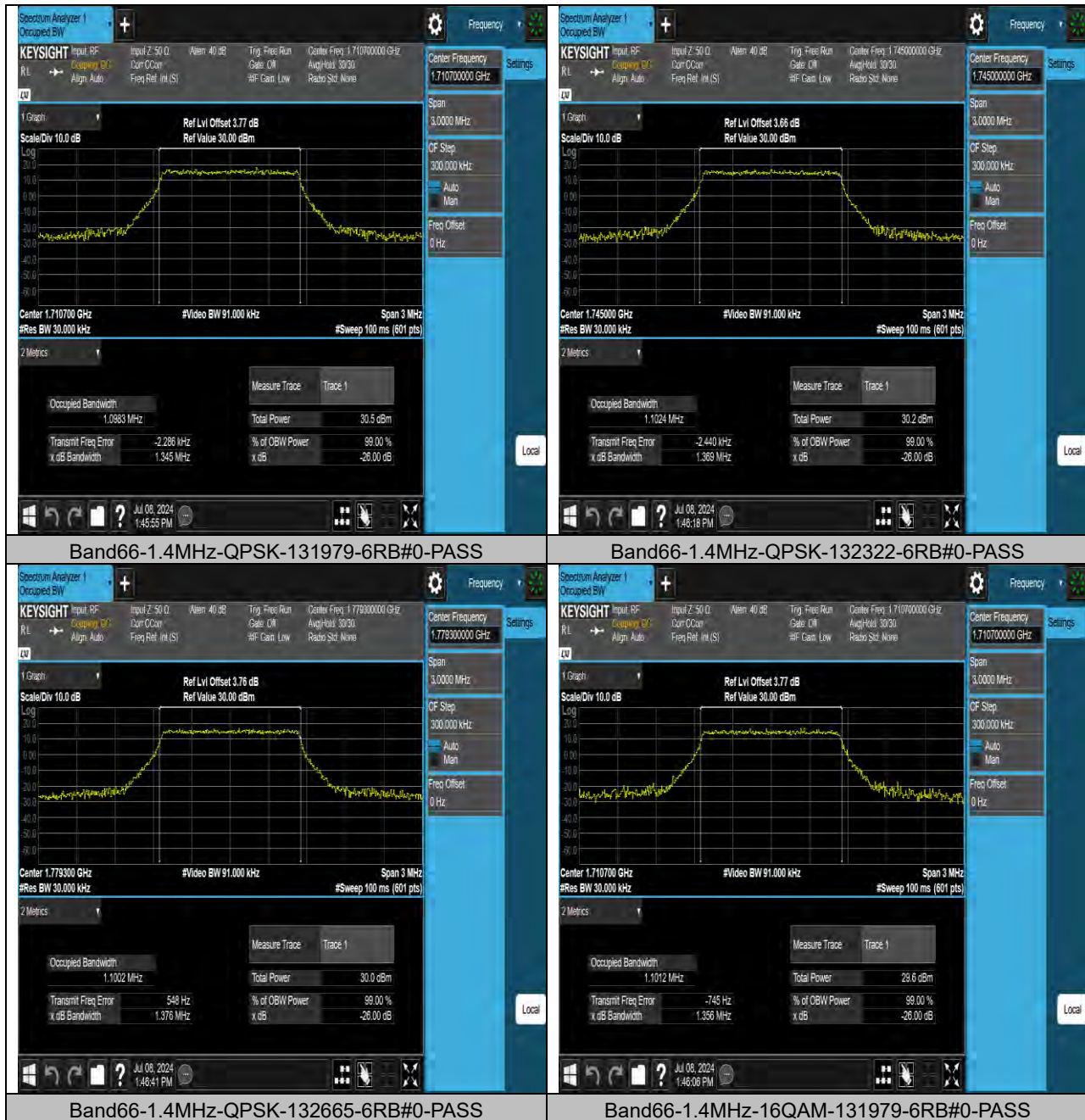
Reference No.: W7L-P24070005RF04



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	1.0983	1.345	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.1024	1.369	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.1002	1.376	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.1012	1.356	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.1076	1.383	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.0997	1.356	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.7021	3.058	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.7069	3.042	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.7030	3.042	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6984	3.037	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6990	3.056	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.7053	3.039	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5386	5.207	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.5213	5.222	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5334	5.204	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.5231	5.202	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5297	5.134	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.5190	5.177	PASS
Band66	10MHz	QPSK	132022	50RB#0	9.0199	10.07	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.9950	10.00	PASS
Band66	10MHz	QPSK	132622	50RB#0	9.0035	10.13	PASS
Band66	10MHz	16QAM	132022	50RB#0	9.0196	10.09	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.9968	10.07	PASS
Band66	10MHz	16QAM	132622	50RB#0	9.0074	10.05	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.494	15.04	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.520	14.89	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.494	14.86	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.492	15.01	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.486	15.03	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.490	14.87	PASS
Band66	20MHz	QPSK	132072	100RB#0	18.017	20.06	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.958	19.65	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.943	19.75	PASS
Band66	20MHz	16QAM	132072	100RB#0	18.019	19.70	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.983	19.68	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.948	19.83	PASS

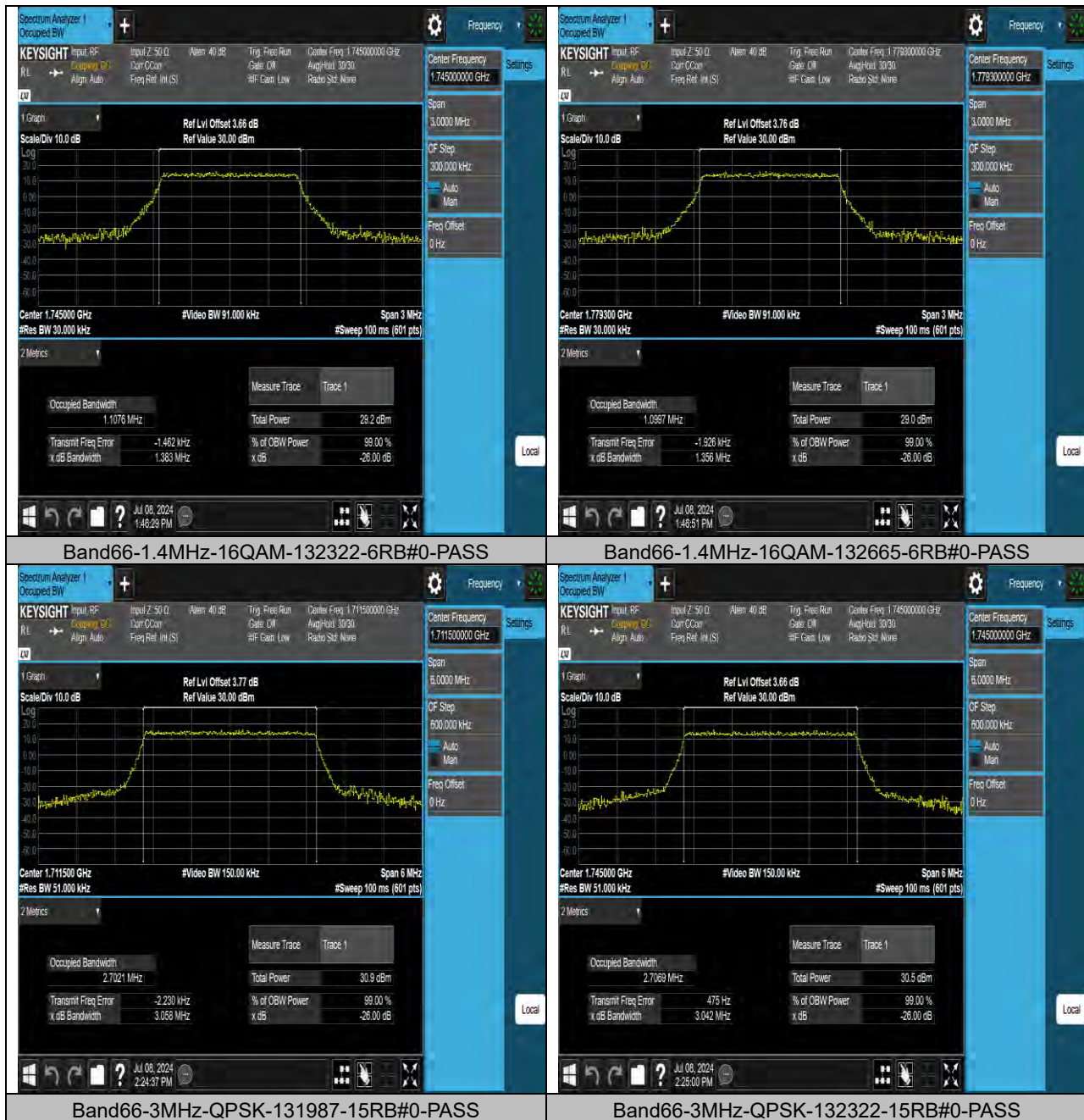
TEST GRAPHS





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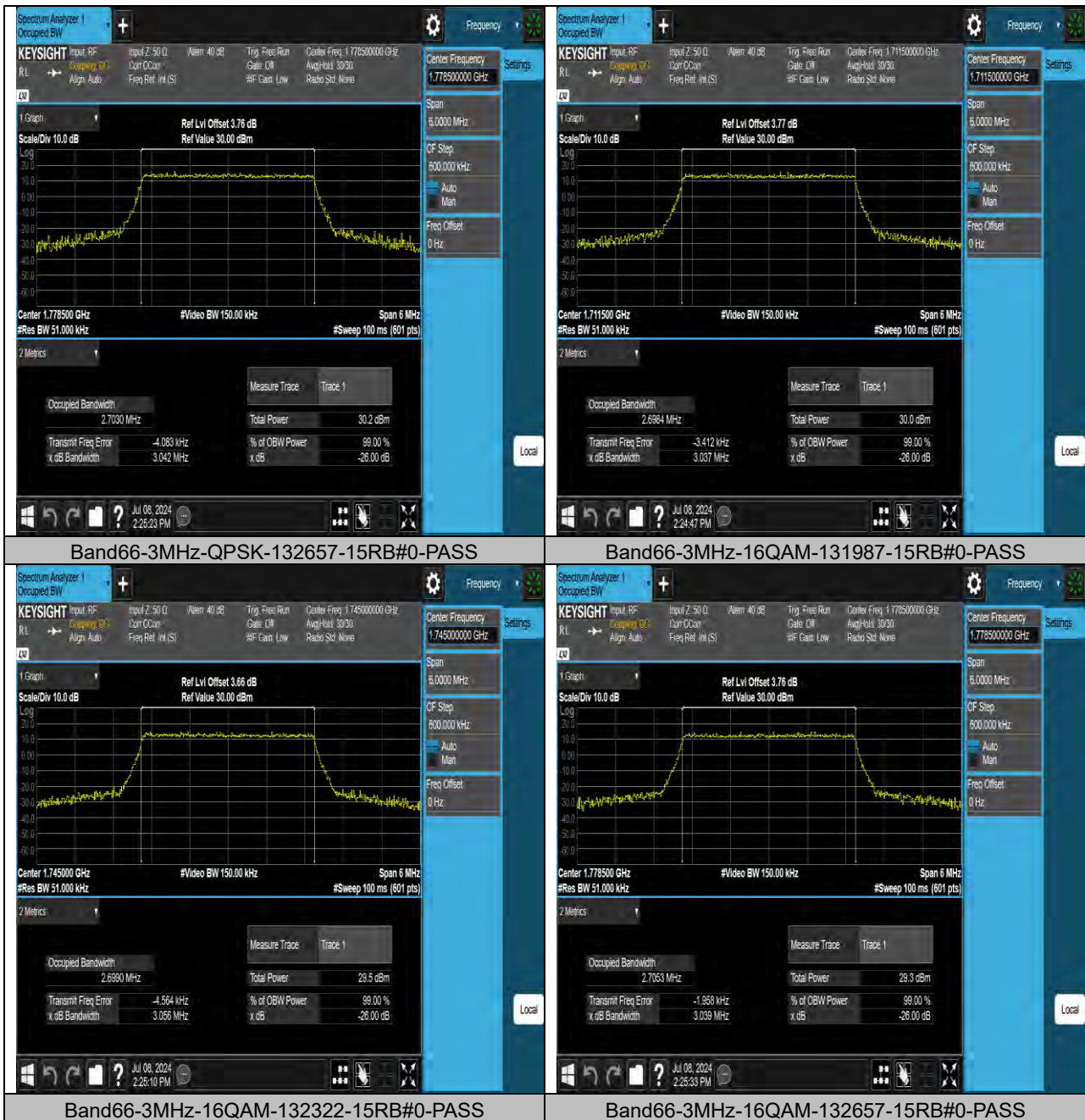
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VERITAS

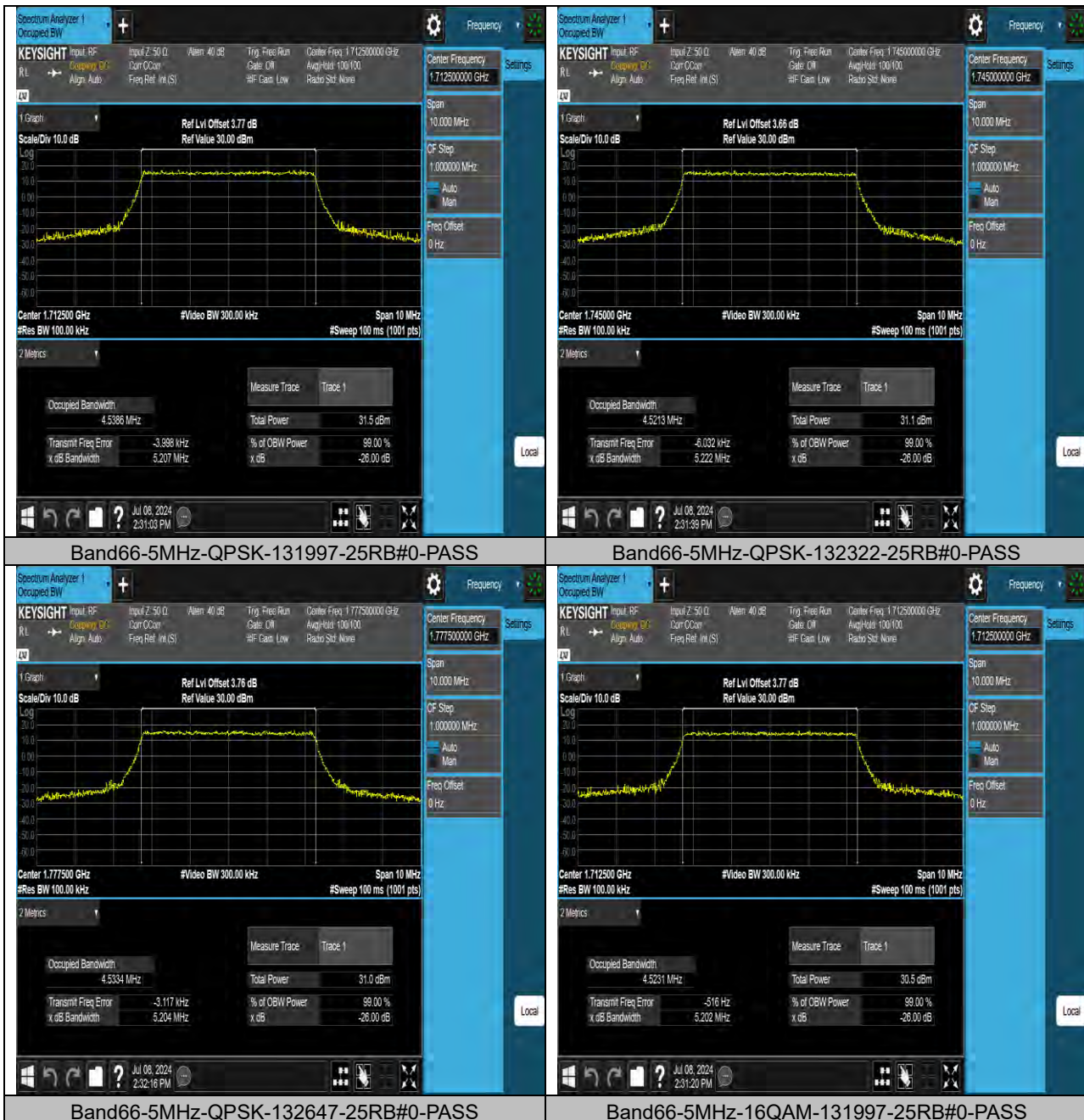
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VERITAS

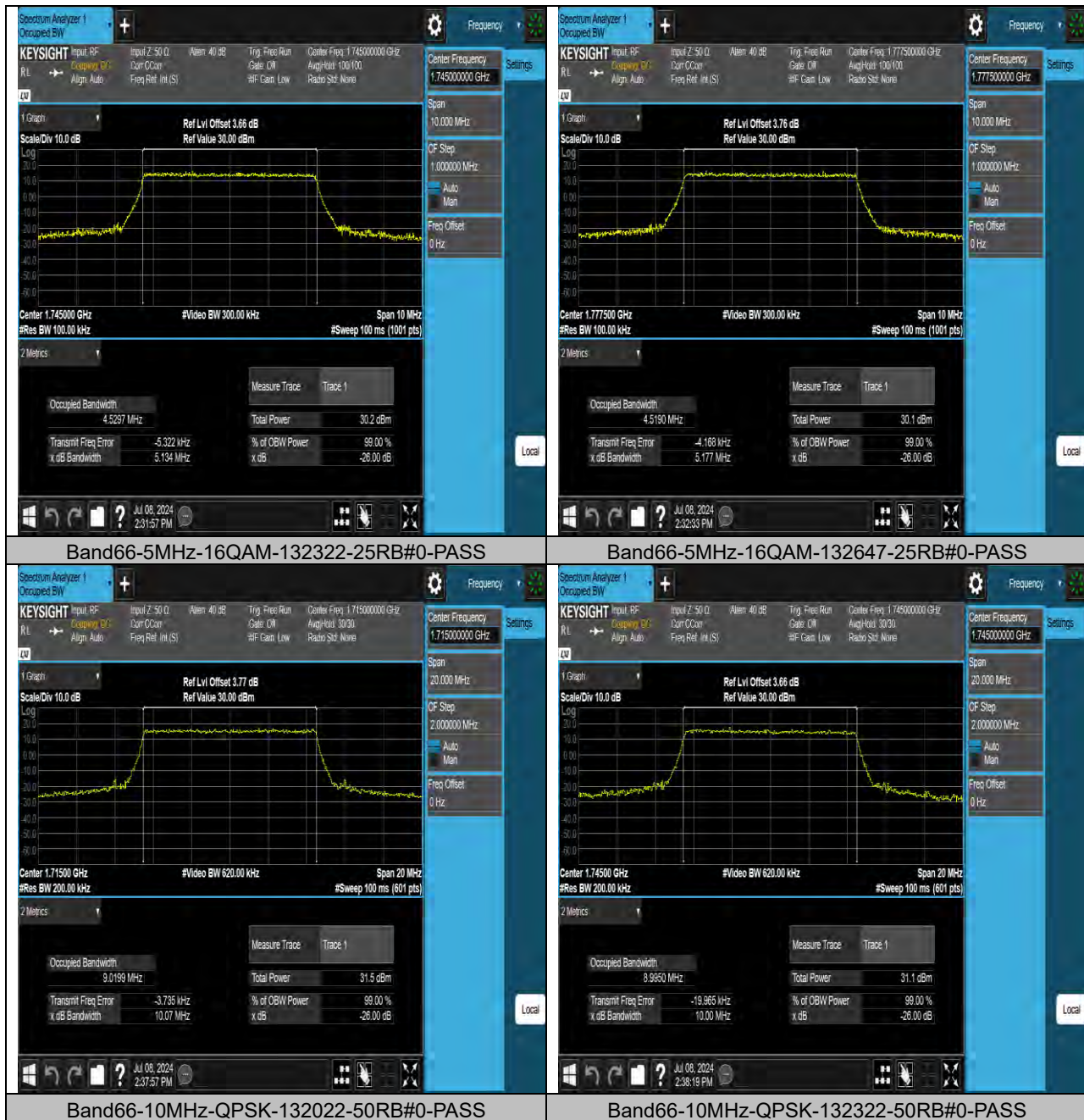
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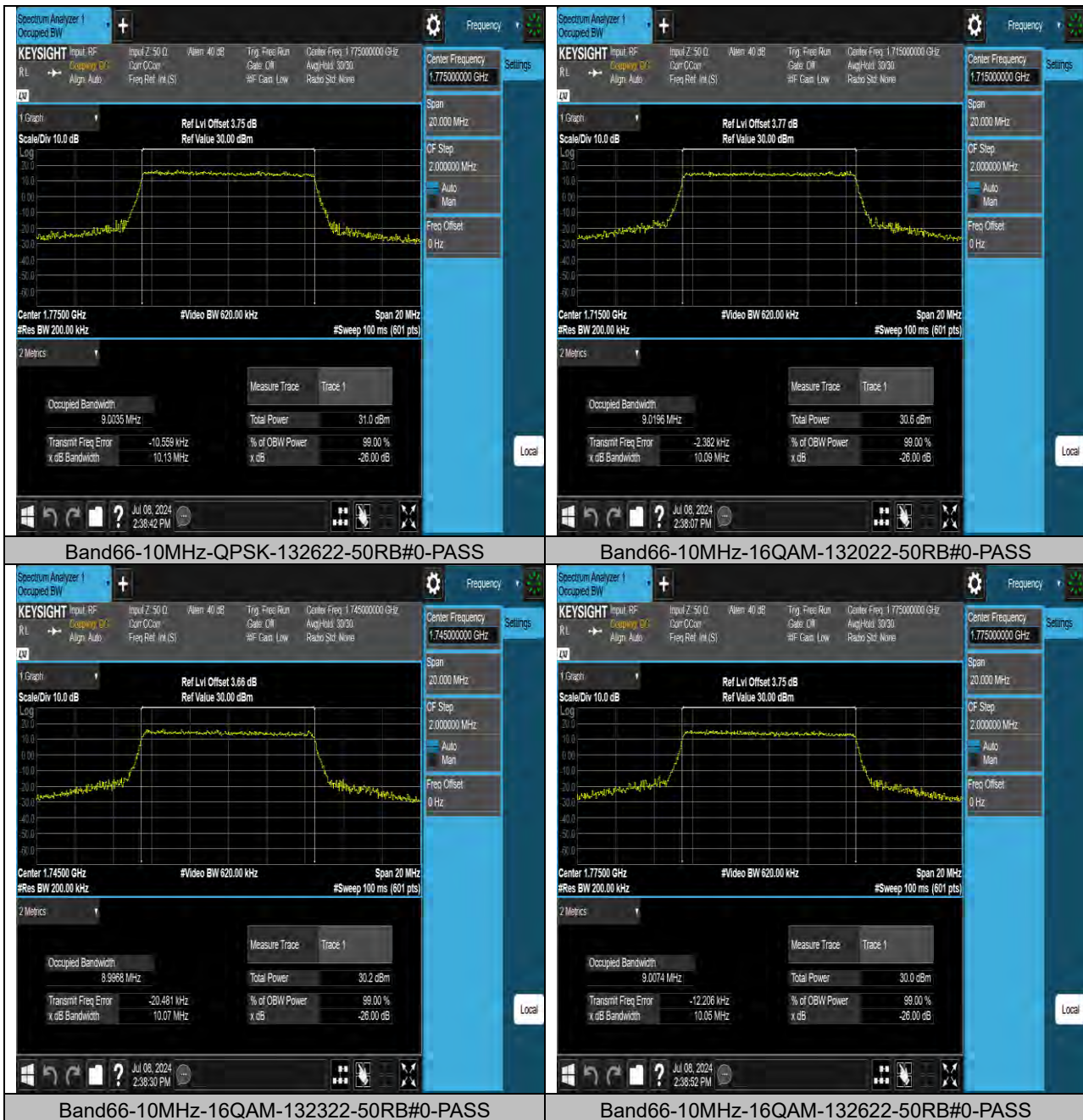
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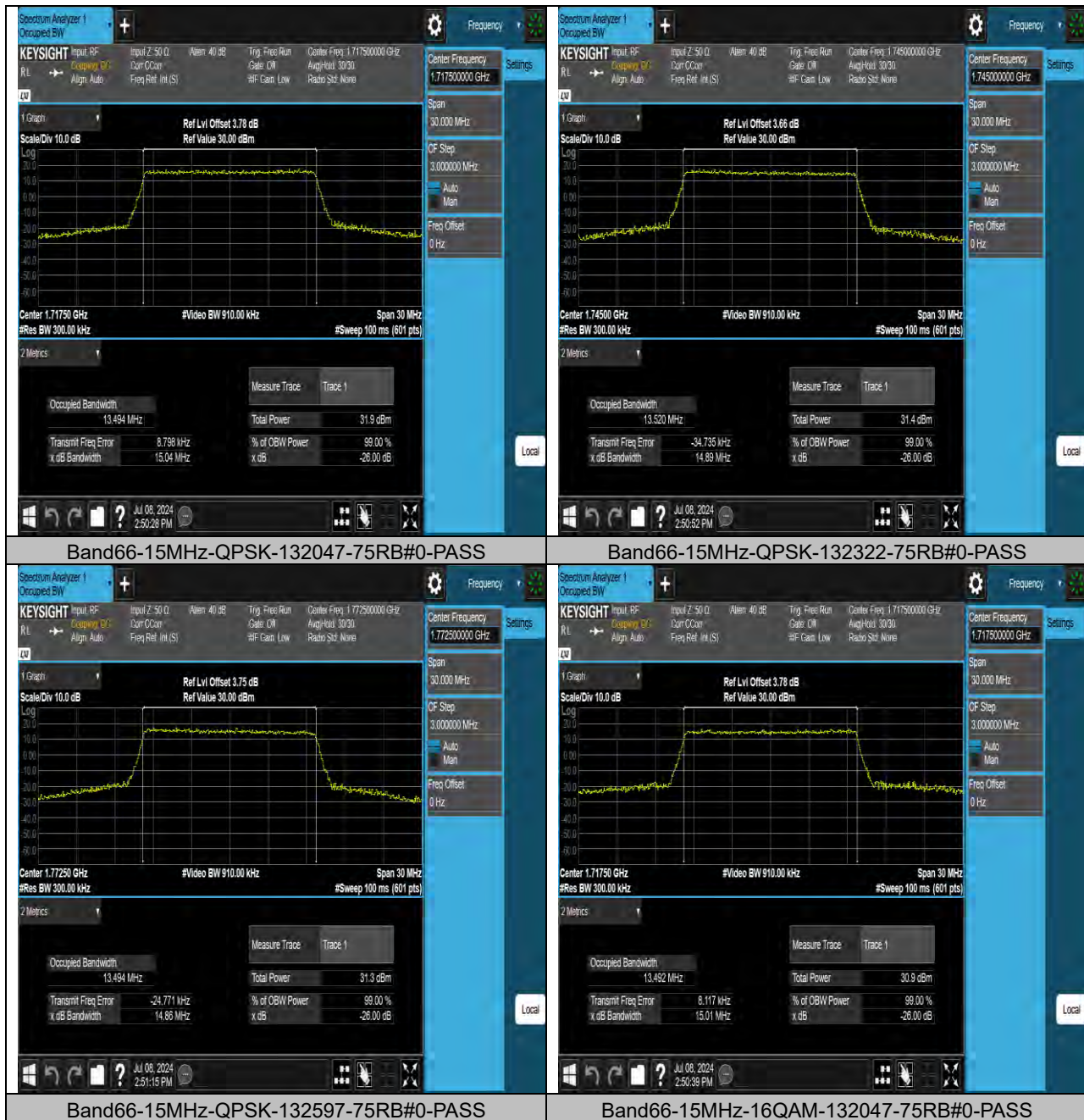
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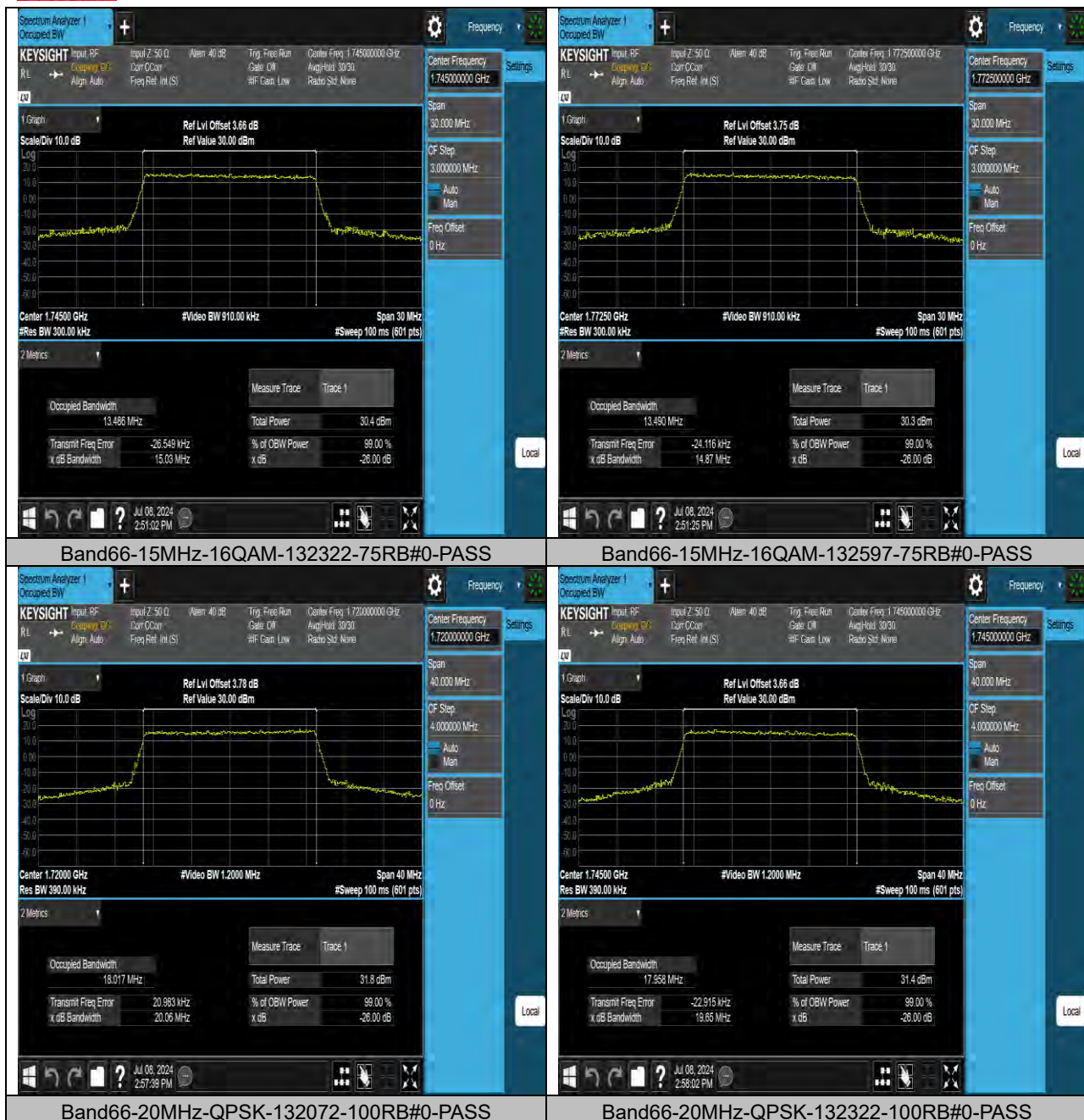
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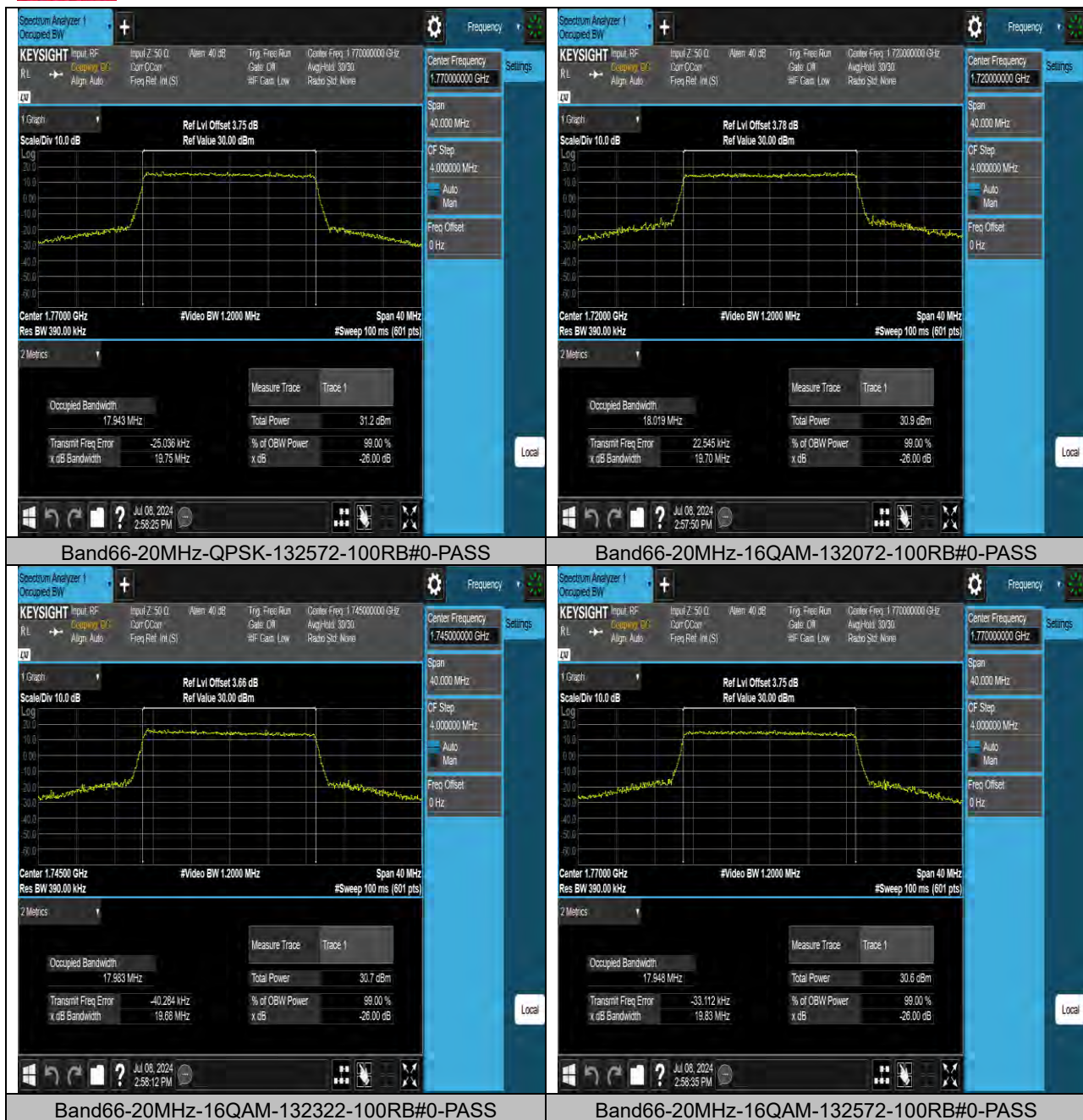
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BAND EDGE TEST RESULT

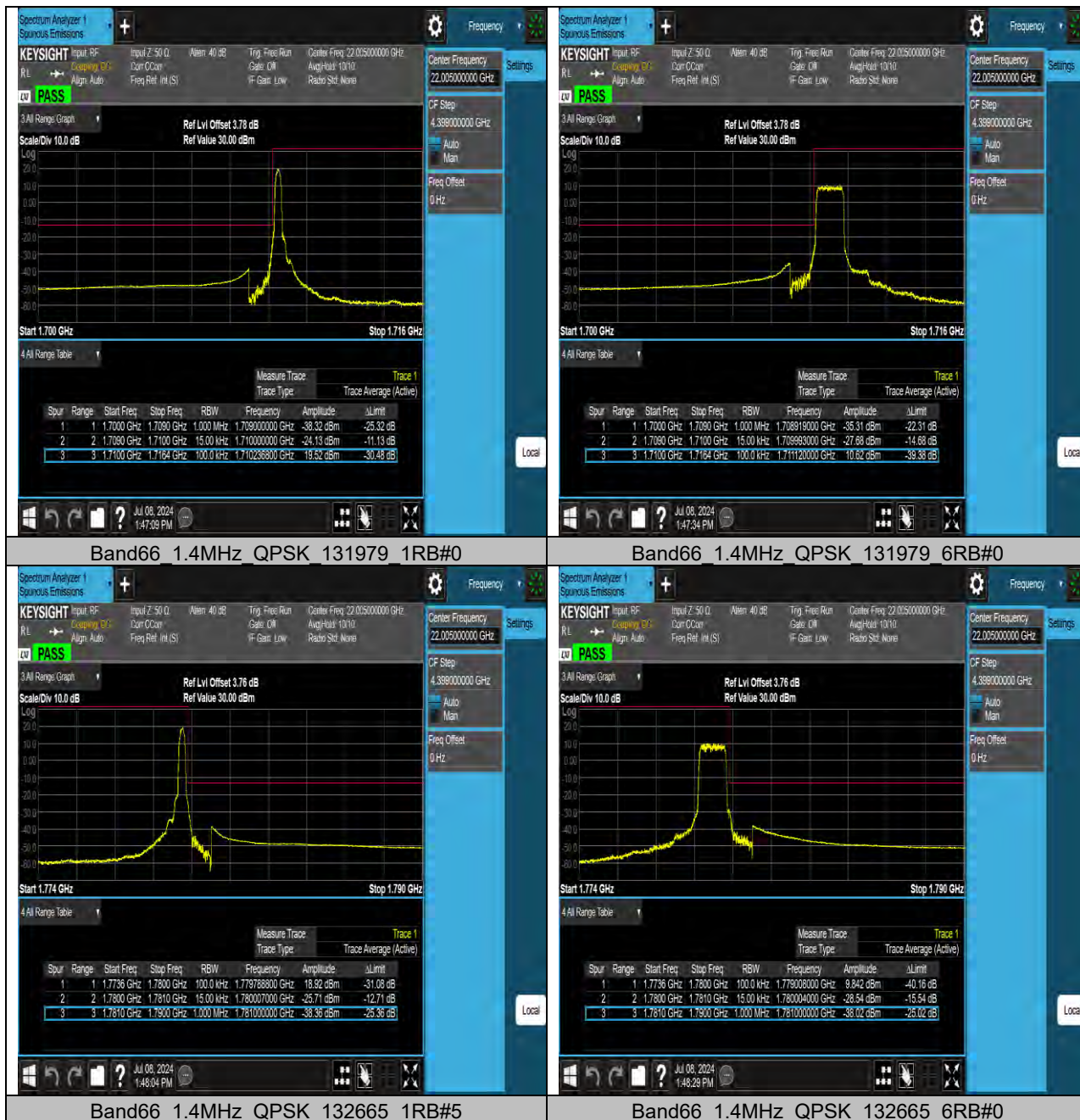
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	-24.13	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	-27.68	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	-25.71	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-28.54	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	-23.43	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-29.09	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	-23.77	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-28.99	PASS
Band66	3MHz	QPSK	131987	1RB#0	-26.83	PASS
Band66	3MHz	QPSK	131987	15RB#0	-29.09	PASS
Band66	3MHz	QPSK	132657	1RB#14	-27.82	PASS
Band66	3MHz	QPSK	132657	15RB#0	-31.31	PASS
Band66	3MHz	16QAM	131987	1RB#0	-26.74	PASS
Band66	3MHz	16QAM	131987	15RB#0	-30.61	PASS
Band66	3MHz	16QAM	132657	1RB#14	-29.31	PASS
Band66	3MHz	16QAM	132657	15RB#0	-32.80	PASS
Band66	5MHz	QPSK	131997	1RB#0	-29.18	PASS
Band66	5MHz	QPSK	131997	25RB#0	-31.77	PASS
Band66	5MHz	QPSK	132647	1RB#24	-30.30	PASS
Band66	5MHz	QPSK	132647	25RB#0	-34.63	PASS
Band66	5MHz	16QAM	131997	1RB#0	-31.56	PASS
Band66	5MHz	16QAM	131997	25RB#0	-35.86	PASS
Band66	5MHz	16QAM	132647	1RB#24	-31.06	PASS
Band66	5MHz	16QAM	132647	25RB#0	-36.77	PASS
Band66	10MHz	QPSK	132022	1RB#0	-36.71	PASS
Band66	10MHz	QPSK	132022	50RB#0	-31.88	PASS
Band66	10MHz	QPSK	132622	1RB#49	-36.13	PASS
Band66	10MHz	QPSK	132622	50RB#0	-40.38	PASS
Band66	10MHz	16QAM	132022	1RB#0	-38.23	PASS
Band66	10MHz	16QAM	132022	50RB#0	-36.13	PASS
Band66	10MHz	16QAM	132622	1RB#49	-38.06	PASS
Band66	10MHz	16QAM	132622	50RB#0	-42.49	PASS
Band66	15MHz	QPSK	132047	1RB#0	-37.99	PASS
Band66	15MHz	QPSK	132047	75RB#0	-30.97	PASS
Band66	15MHz	QPSK	132597	1RB#74	-38.43	PASS
Band66	15MHz	QPSK	132597	75RB#0	-38.28	PASS
Band66	15MHz	16QAM	132047	1RB#0	-40.28	PASS
Band66	15MHz	16QAM	132047	75RB#0	-35.88	PASS
Band66	15MHz	16QAM	132597	1RB#74	-39.38	PASS
Band66	15MHz	16QAM	132597	75RB#0	-43.08	PASS
Band66	20MHz	QPSK	132072	1RB#0	-41.43	PASS
Band66	20MHz	QPSK	132072	100RB#0	-37.23	PASS
Band66	20MHz	QPSK	132572	1RB#99	-40.52	PASS
Band66	20MHz	QPSK	132572	100RB#0	-41.40	PASS



Reference No.: W7L-P24070005RF04

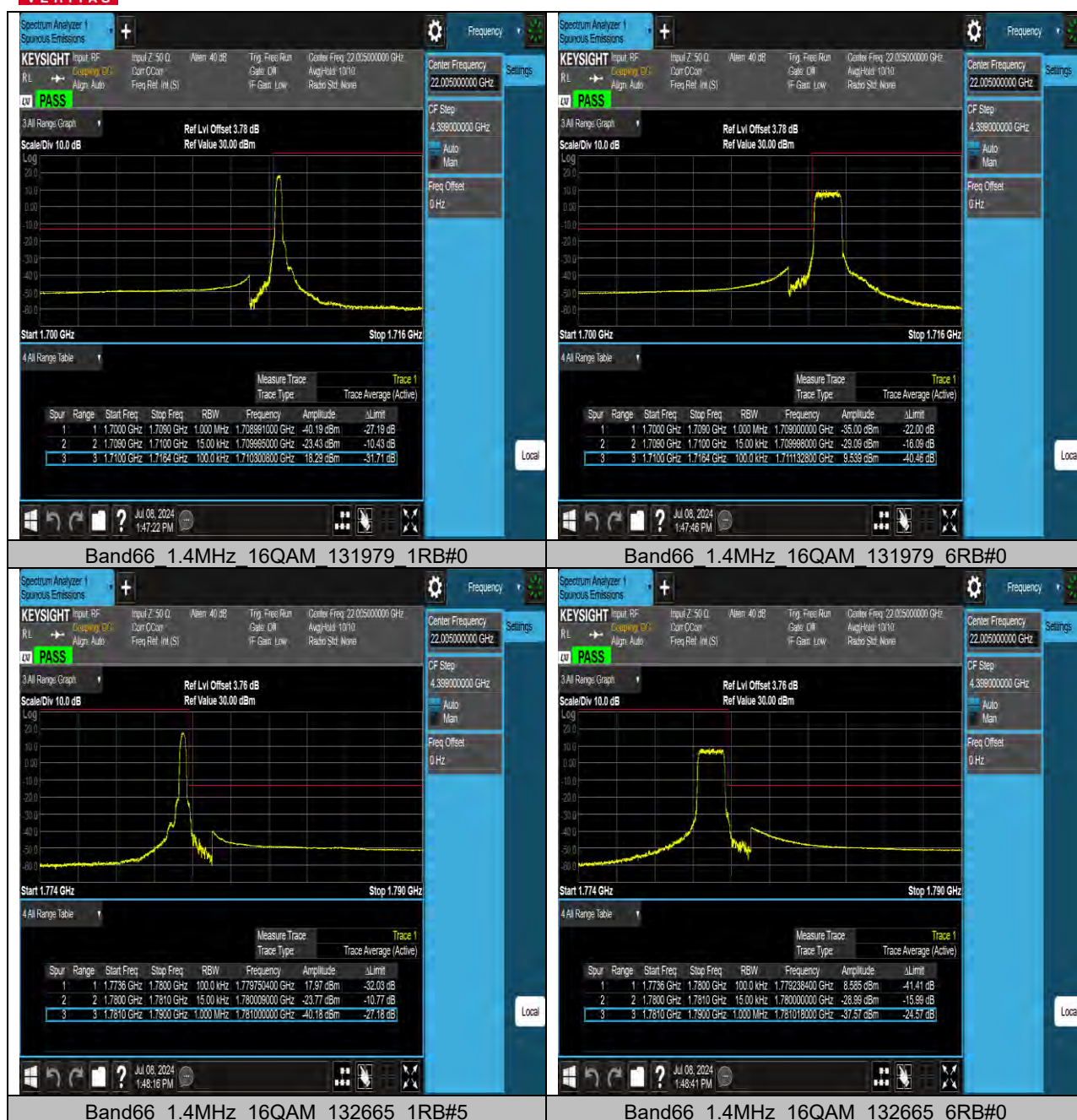
Band66	20MHz	16QAM	132072	1RB#0	-42.11	PASS
Band66	20MHz	16QAM	132072	100RB#0	-37.33	PASS
Band66	20MHz	16QAM	132572	1RB#99	-42.34	PASS
Band66	20MHz	16QAM	132572	100RB#0	-40.04	PASS

TEST GRAPHS





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