

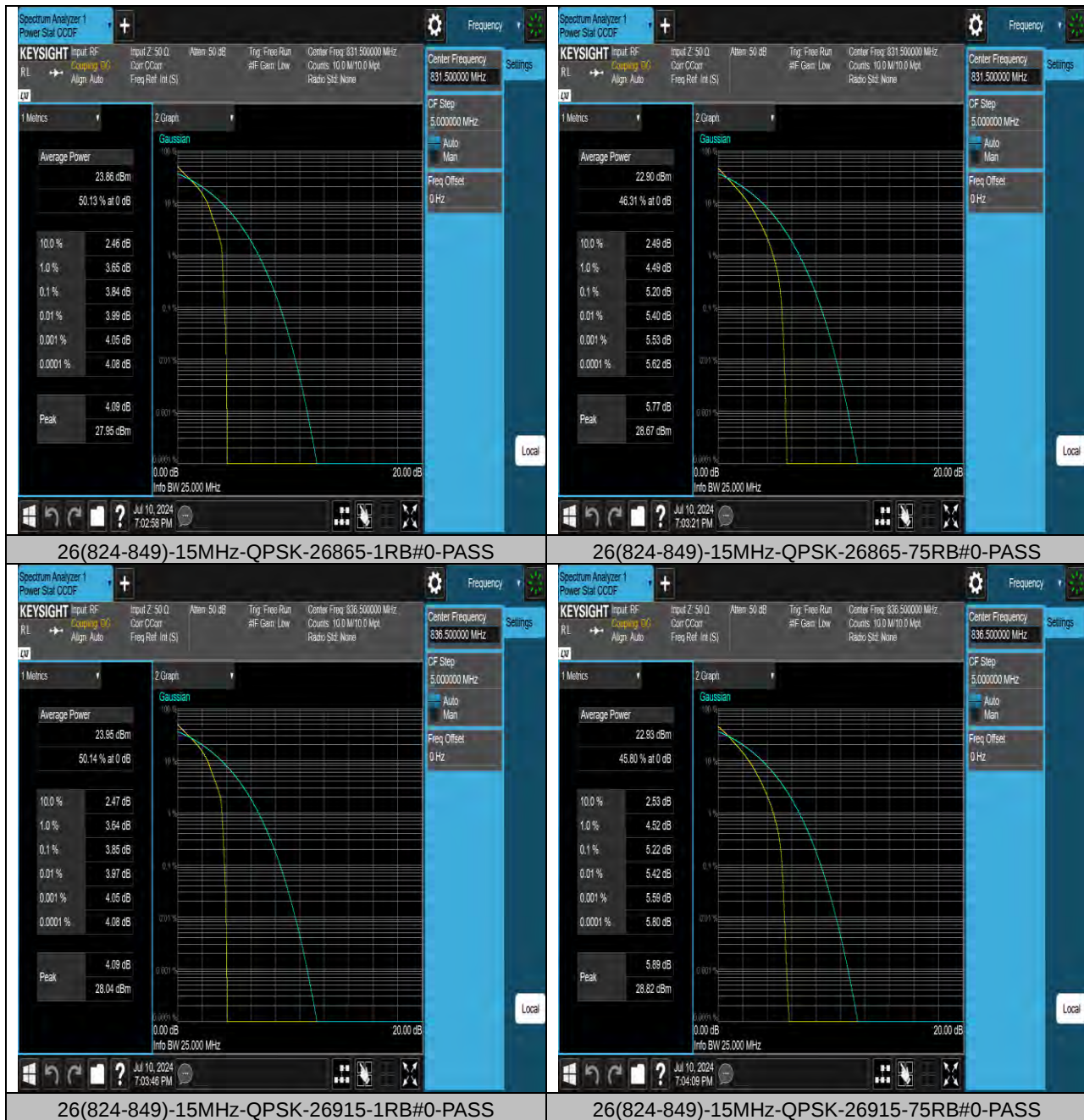
APPENDIX A

LTE BAND 26(824-849) (INCLUDING B5)

PEAK-TO-AVERAGE RATIO(CCDF) TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
26(824-849)	15MHz	QPSK	26865	1RB#0	3.84	13	PASS
26(824-849)	15MHz	QPSK	26865	75RB#0	5.20	13	PASS
26(824-849)	15MHz	QPSK	26915	1RB#0	3.85	13	PASS
26(824-849)	15MHz	QPSK	26915	75RB#0	5.22	13	PASS
26(824-849)	15MHz	QPSK	26965	1RB#0	4.22	13	PASS
26(824-849)	15MHz	QPSK	26965	75RB#0	5.14	13	PASS
26(824-849)	15MHz	16QAM	26865	1RB#0	4.79	13	PASS
26(824-849)	15MHz	16QAM	26865	75RB#0	6.00	13	PASS
26(824-849)	15MHz	16QAM	26915	1RB#0	4.79	13	PASS
26(824-849)	15MHz	16QAM	26915	75RB#0	6.04	13	PASS
26(824-849)	15MHz	16QAM	26965	1RB#0	5.09	13	PASS
26(824-849)	15MHz	16QAM	26965	75RB#0	5.97	13	PASS

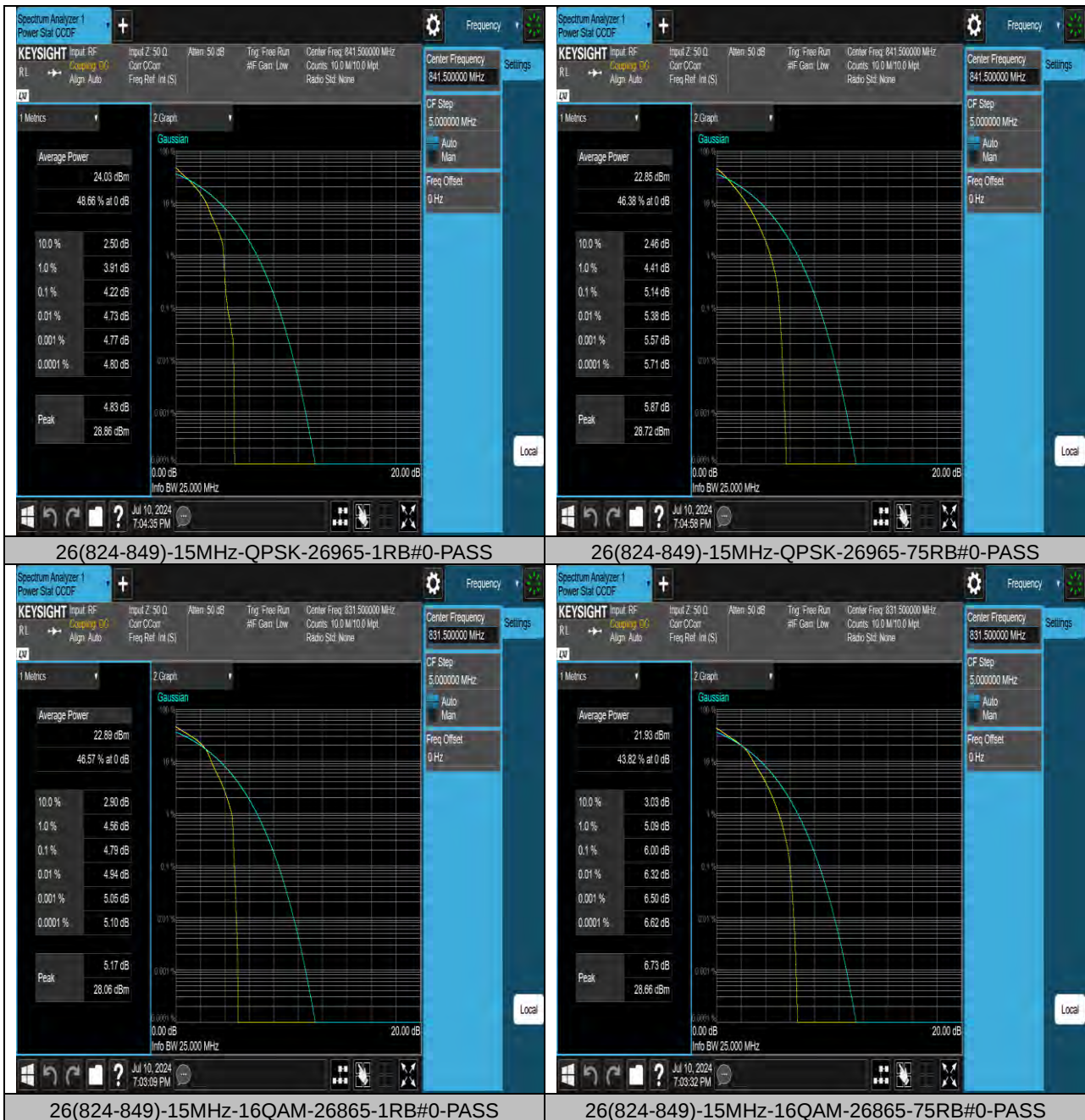
TEST GRAPHS





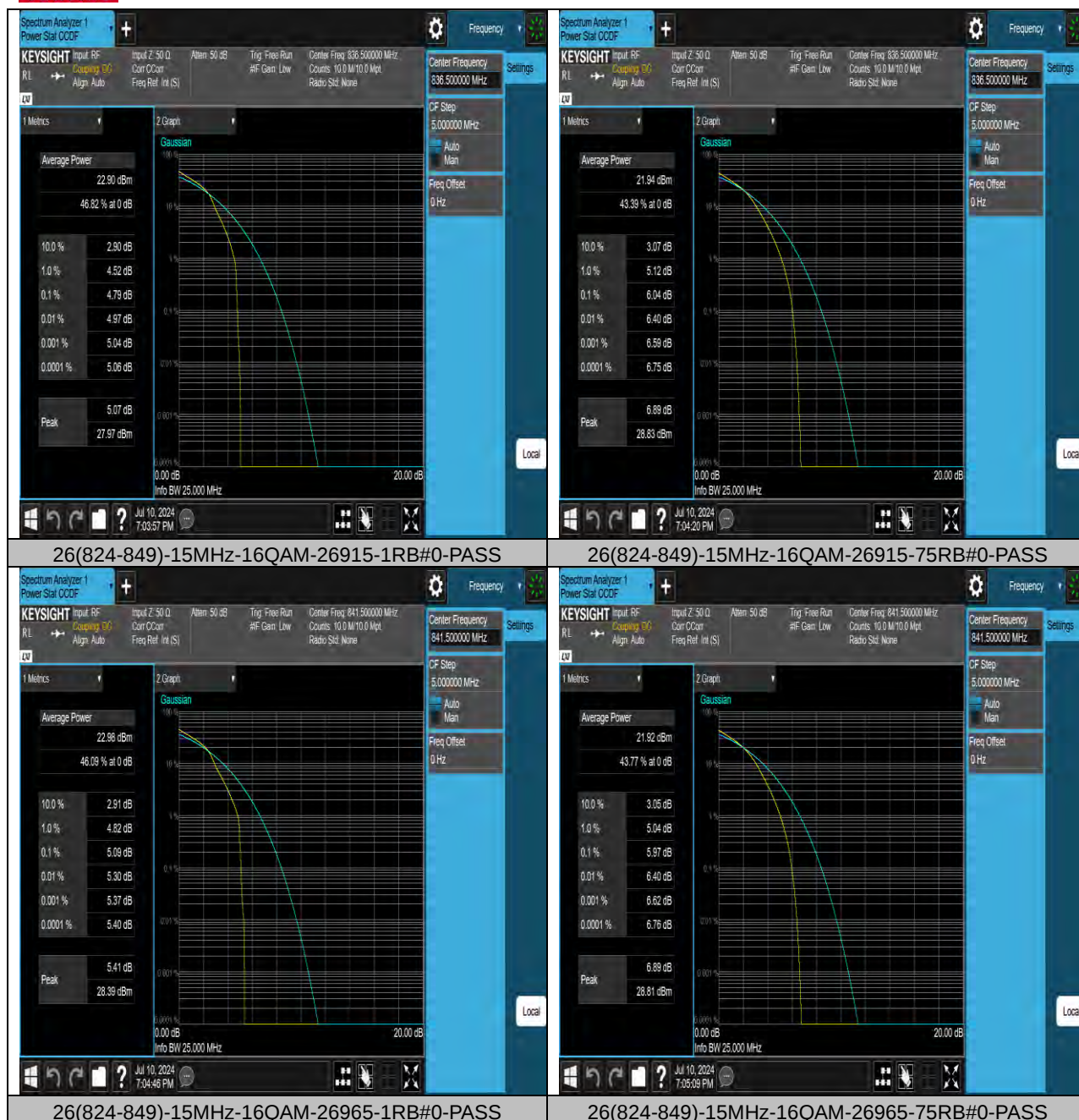
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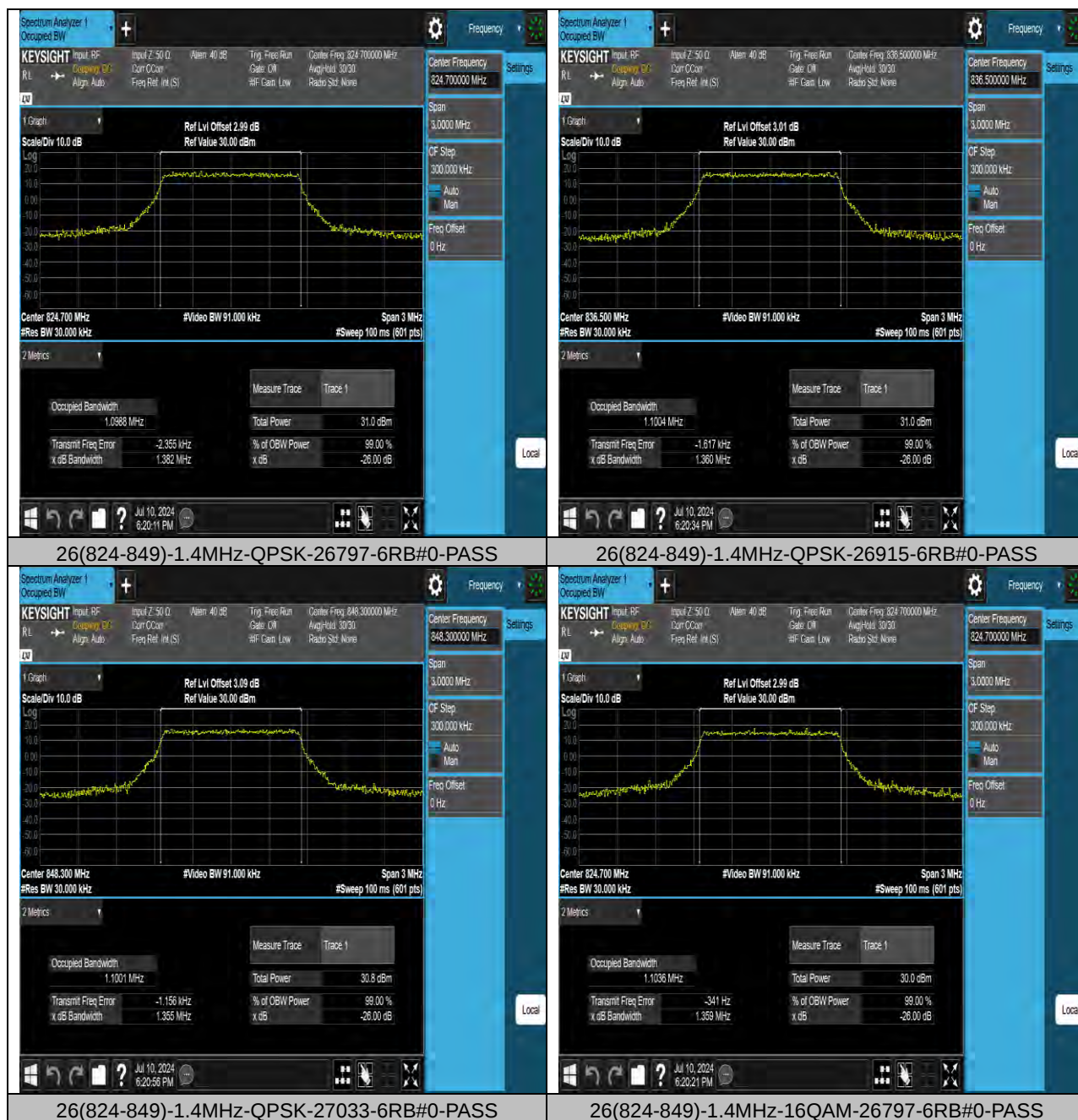


Reference No.: PSU-QSU2503120111RF01

26DB BANDWIDTH AND OCCUPIED BANDWIDTH TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
26(824-849)	1.4MHz	QPSK	26797	6RB#0	1.0988	1.382	PASS
26(824-849)	1.4MHz	QPSK	26915	6RB#0	1.1004	1.360	PASS
26(824-849)	1.4MHz	QPSK	27033	6RB#0	1.1001	1.355	PASS
26(824-849)	1.4MHz	16QAM	26797	6RB#0	1.1036	1.359	PASS
26(824-849)	1.4MHz	16QAM	26915	6RB#0	1.1028	1.375	PASS
26(824-849)	1.4MHz	16QAM	27033	6RB#0	1.1036	1.368	PASS
26(824-849)	3MHz	QPSK	26805	15RB#0	2.7045	3.066	PASS
26(824-849)	3MHz	QPSK	26915	15RB#0	2.7025	3.059	PASS
26(824-849)	3MHz	QPSK	27025	15RB#0	2.7037	3.042	PASS
26(824-849)	3MHz	16QAM	26805	15RB#0	2.7003	3.019	PASS
26(824-849)	3MHz	16QAM	26915	15RB#0	2.7078	3.038	PASS
26(824-849)	3MHz	16QAM	27025	15RB#0	2.7029	3.034	PASS
26(824-849)	5MHz	QPSK	26815	25RB#0	4.5110	5.186	PASS
26(824-849)	5MHz	QPSK	26915	25RB#0	4.5145	5.152	PASS
26(824-849)	5MHz	QPSK	27015	25RB#0	4.5323	5.165	PASS
26(824-849)	5MHz	16QAM	26815	25RB#0	4.5151	5.188	PASS
26(824-849)	5MHz	16QAM	26915	25RB#0	4.5260	5.169	PASS
26(824-849)	5MHz	16QAM	27015	25RB#0	4.5351	5.197	PASS
26(824-849)	10MHz	QPSK	26840	50RB#0	9.0111	10.08	PASS
26(824-849)	10MHz	QPSK	26915	50RB#0	9.0048	10.00	PASS
26(824-849)	10MHz	QPSK	26990	50RB#0	9.0205	10.04	PASS
26(824-849)	10MHz	16QAM	26840	50RB#0	8.9889	10.06	PASS
26(824-849)	10MHz	16QAM	26915	50RB#0	9.0012	10.10	PASS
26(824-849)	10MHz	16QAM	26990	50RB#0	9.0056	10.03	PASS
26(824-849)	15MHz	QPSK	26865	75RB#0	13.499	15.03	PASS
26(824-849)	15MHz	QPSK	26915	75RB#0	13.482	14.90	PASS
26(824-849)	15MHz	QPSK	26965	75RB#0	13.436	14.99	PASS
26(824-849)	15MHz	16QAM	26865	75RB#0	13.486	14.97	PASS
26(824-849)	15MHz	16QAM	26915	75RB#0	13.479	14.94	PASS
26(824-849)	15MHz	16QAM	26965	75RB#0	13.447	15.04	PASS

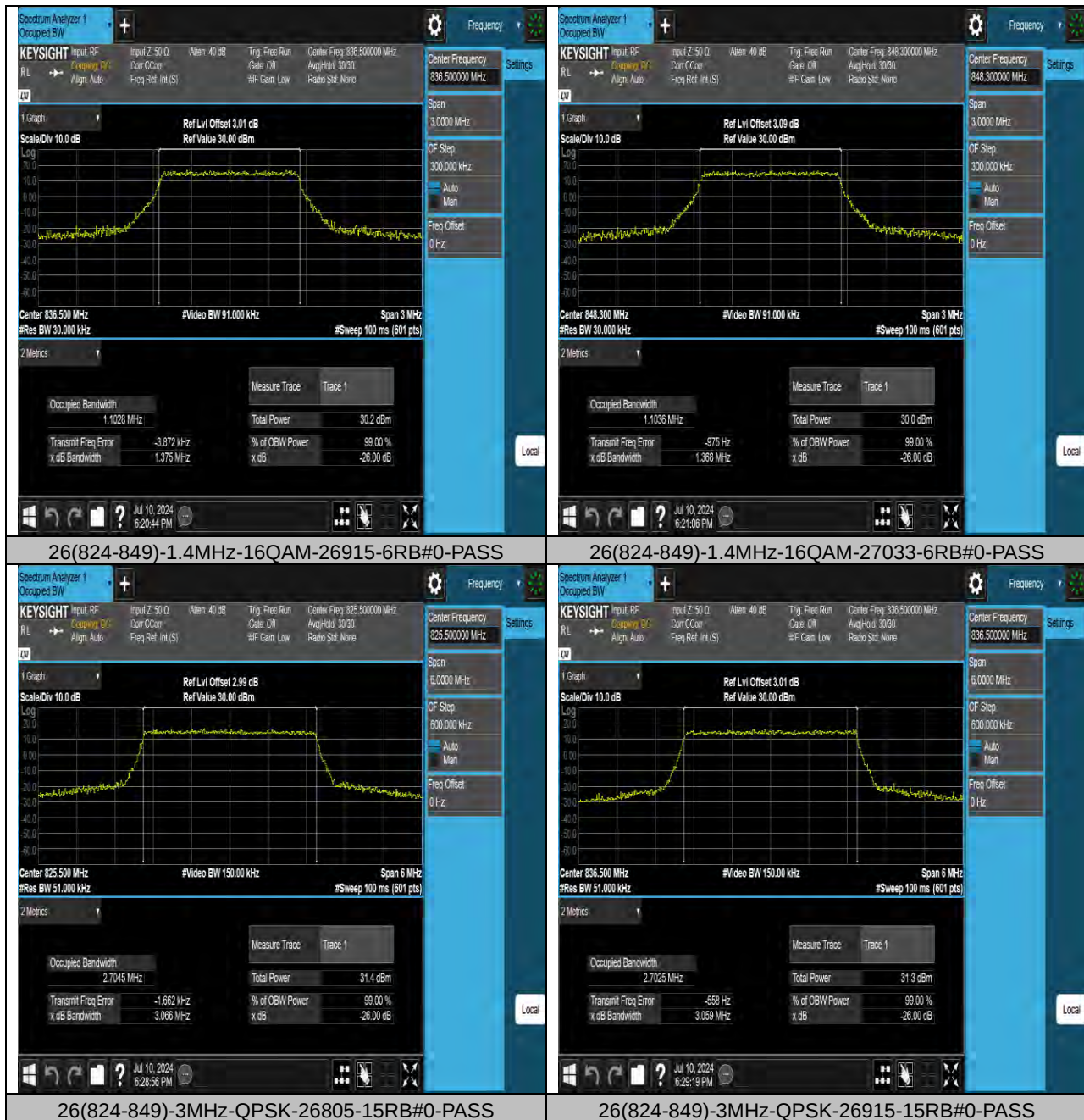
TEST GRAPHS





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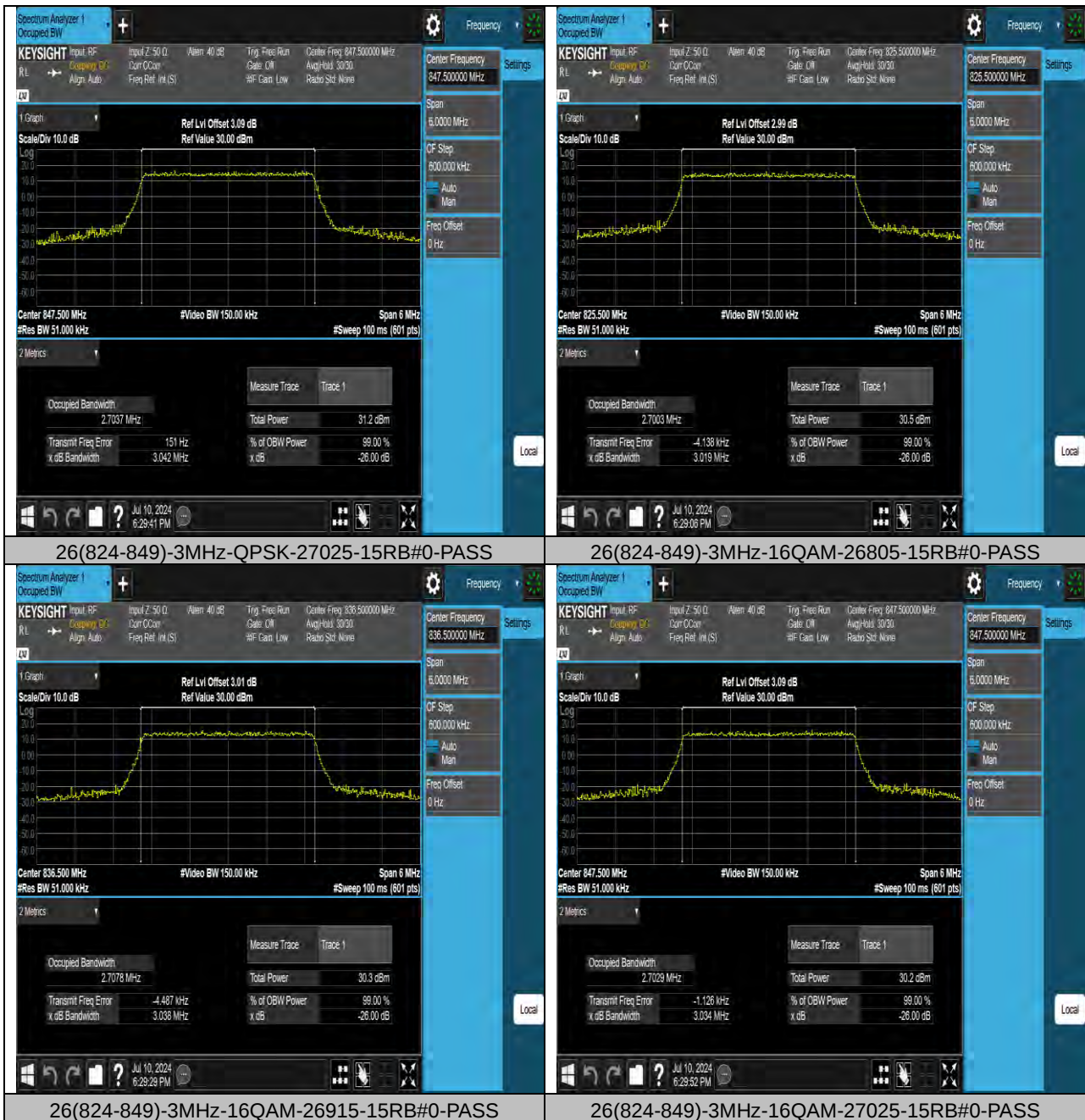
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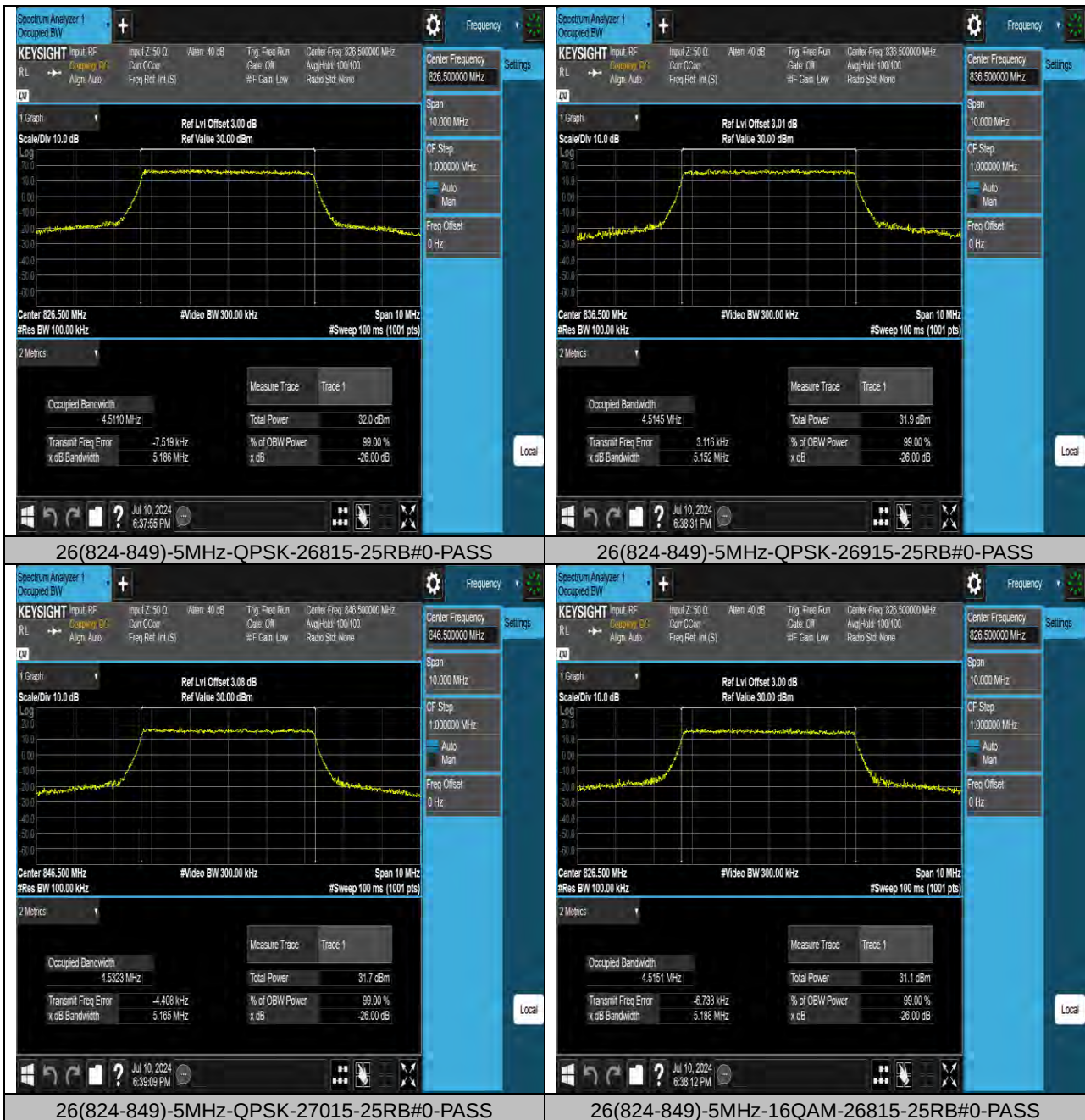
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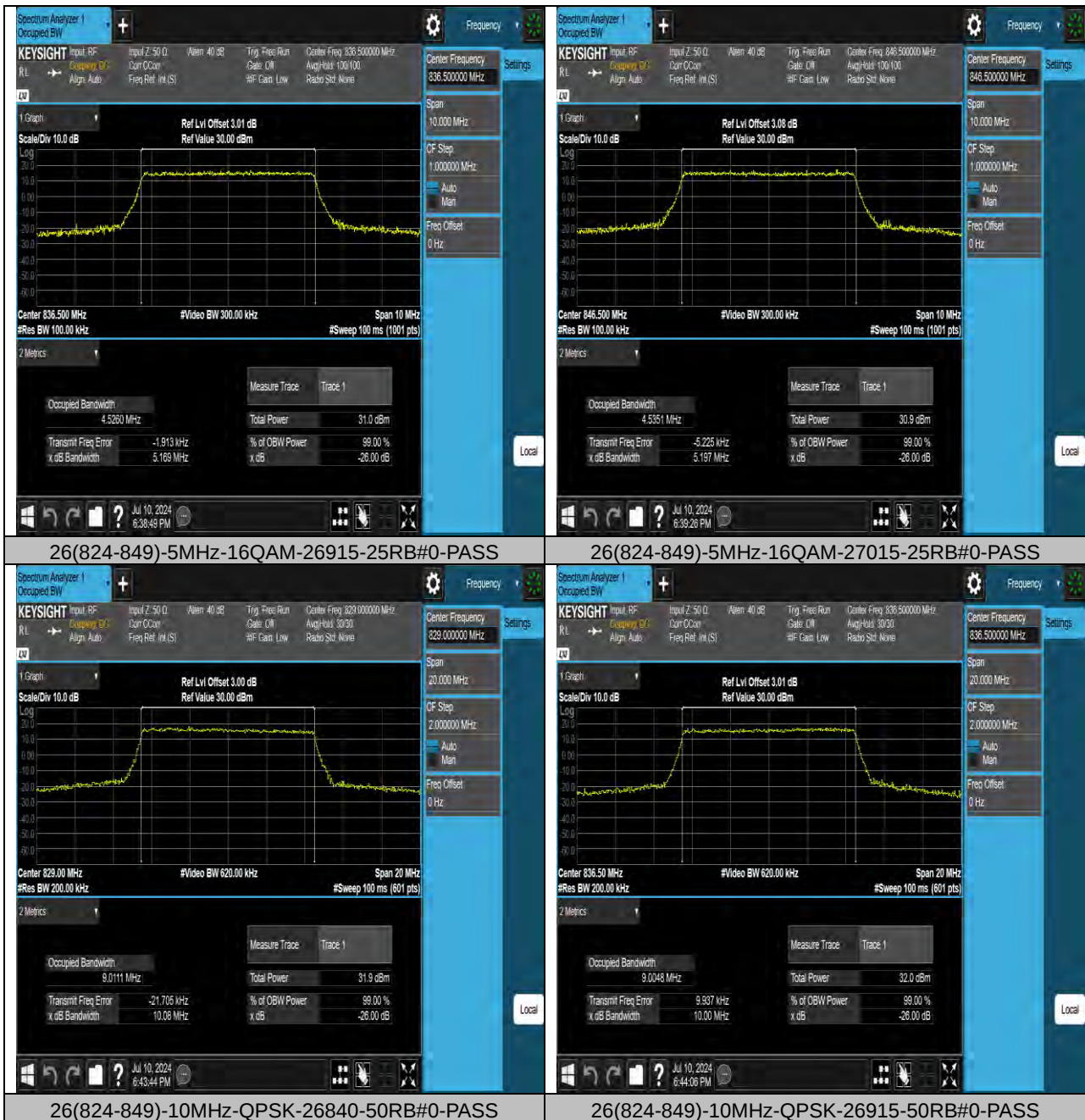
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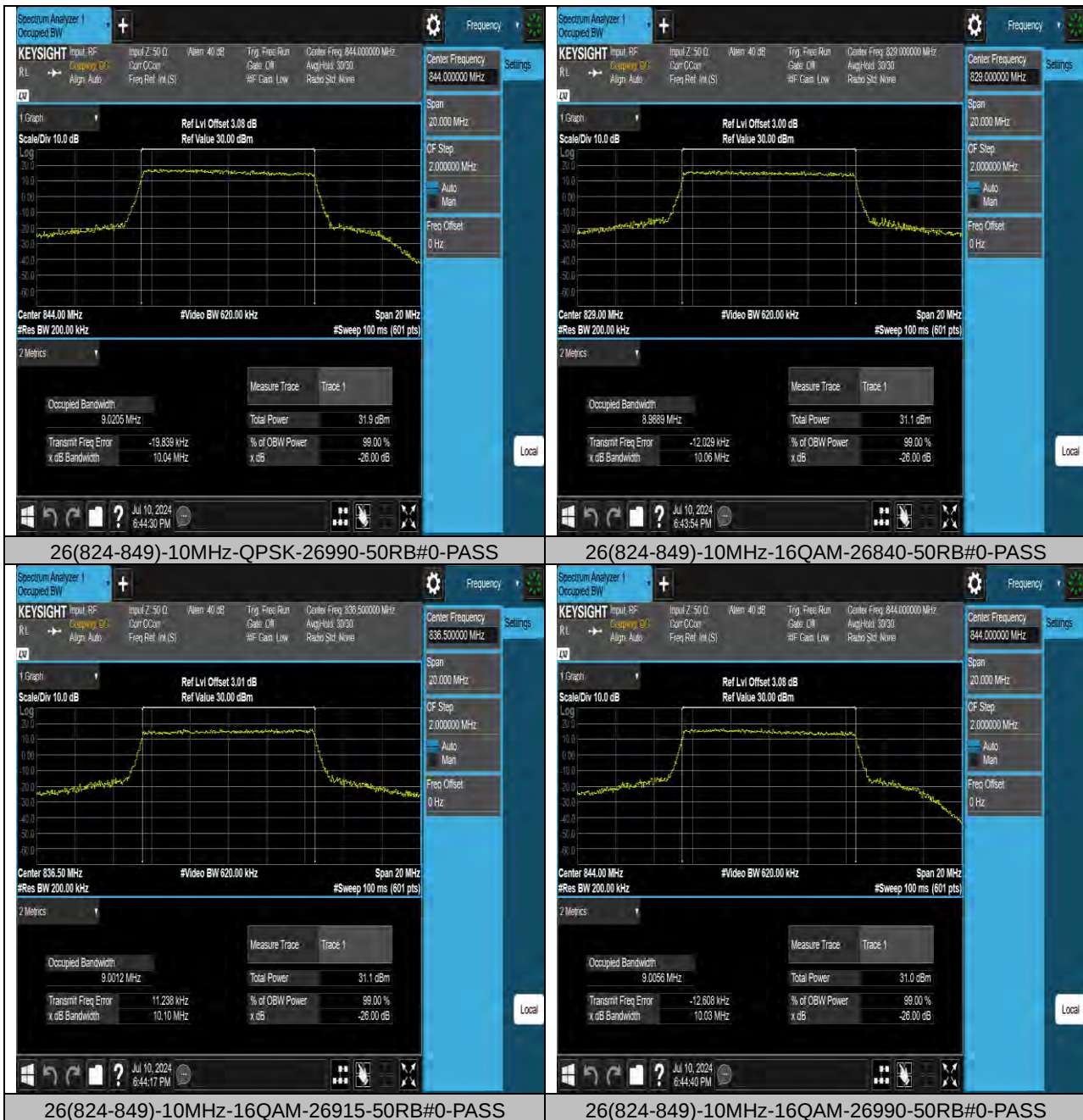
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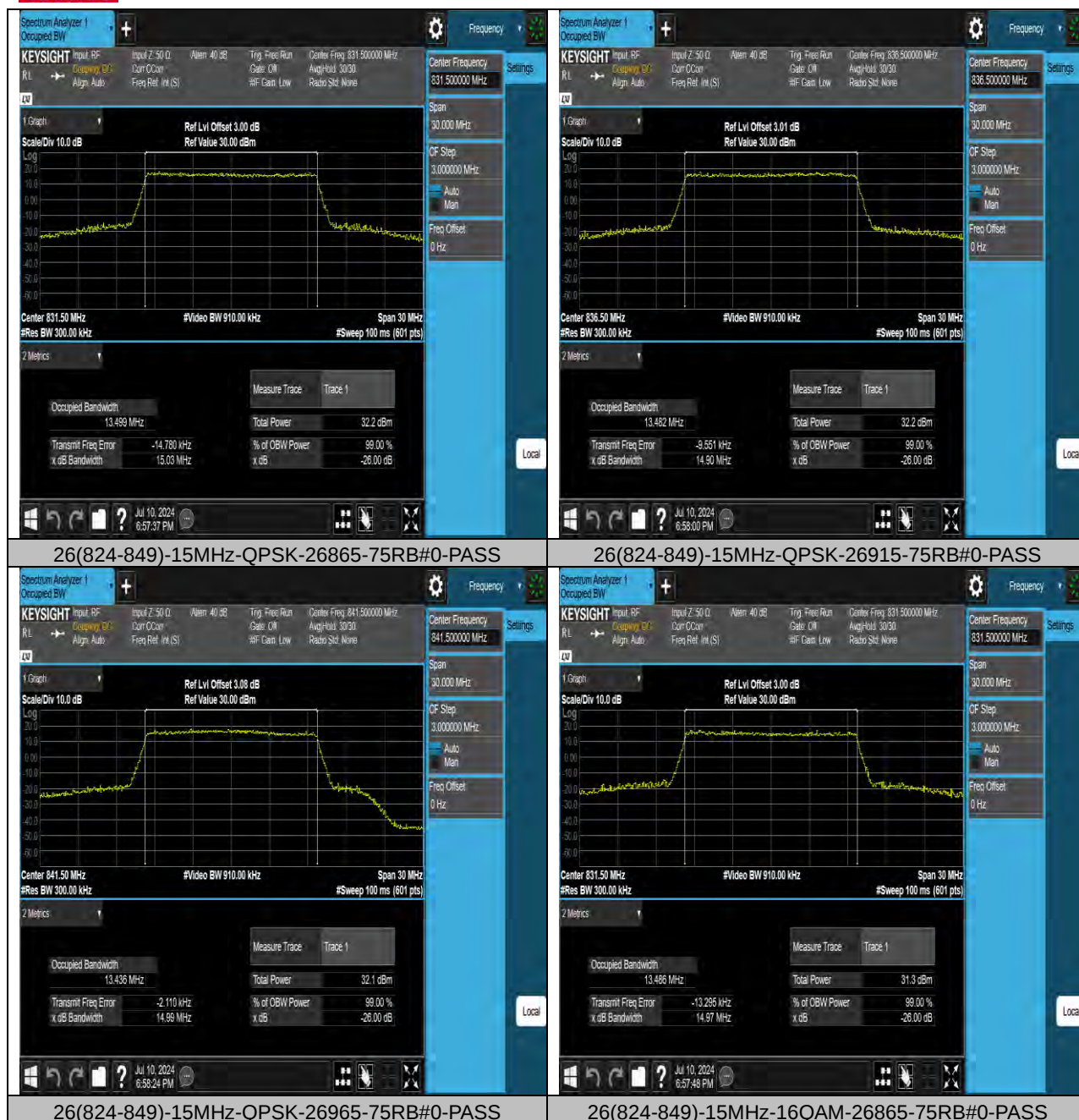
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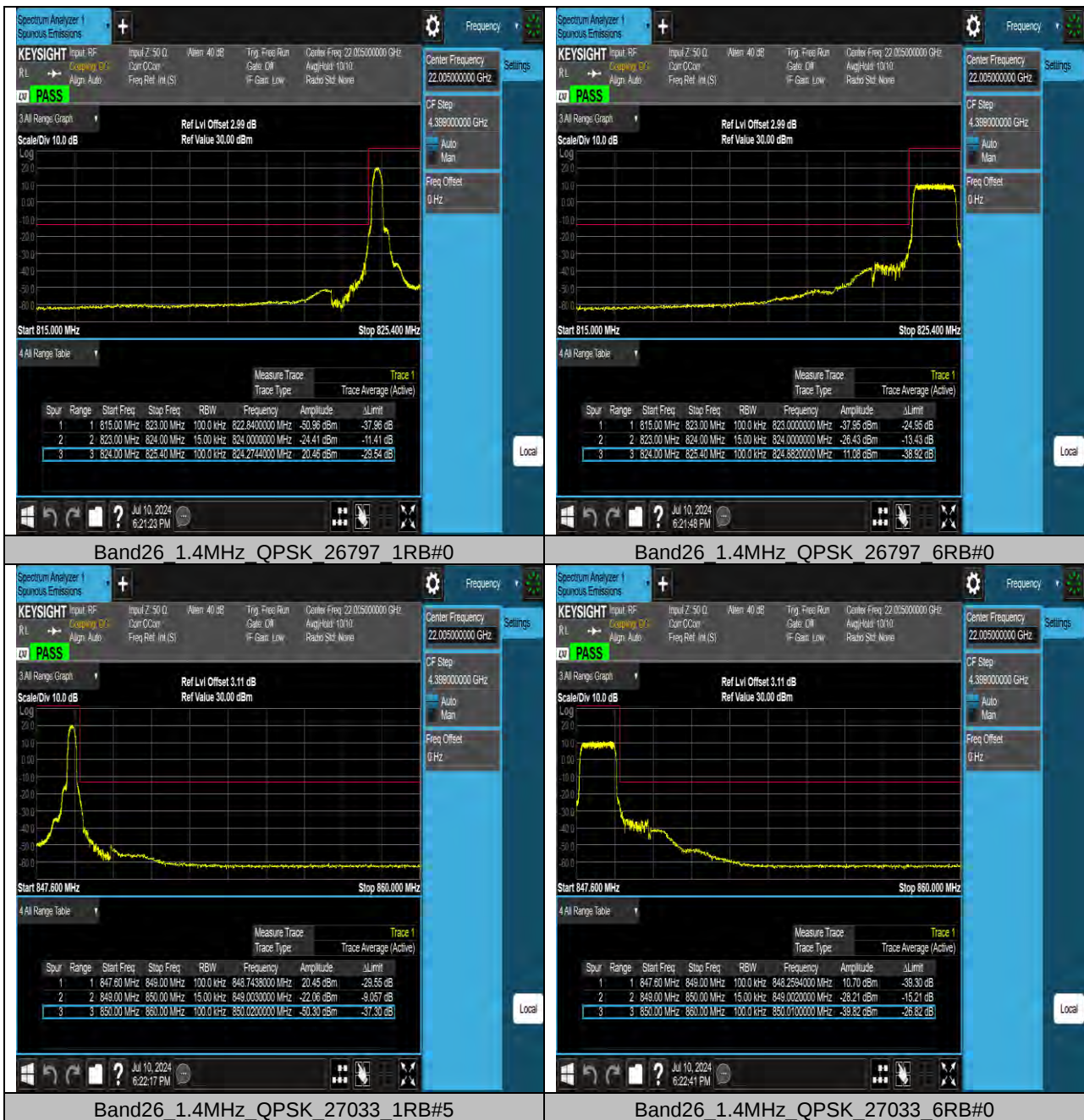


Reference No.: PSU-QSU2503120111RF01

BAND EDGE TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
26(824-849)	1.4MHz	QPSK	26797	1RB#0	-24.41	PASS
26(824-849)	1.4MHz	QPSK	26797	6RB#0	-26.43	PASS
26(824-849)	1.4MHz	QPSK	27033	1RB#5	-22.06	PASS
26(824-849)	1.4MHz	QPSK	27033	6RB#0	-28.21	PASS
26(824-849)	1.4MHz	16QAM	26797	1RB#0	-24.47	PASS
26(824-849)	1.4MHz	16QAM	26797	6RB#0	-29.05	PASS
26(824-849)	1.4MHz	16QAM	27033	1RB#5	-23.15	PASS
26(824-849)	1.4MHz	16QAM	27033	6RB#0	-30.36	PASS
26(824-849)	3MHz	QPSK	26805	1RB#0	-23.12	PASS
26(824-849)	3MHz	QPSK	26805	15RB#0	-26.76	PASS
26(824-849)	3MHz	QPSK	27025	1RB#14	-24.33	PASS
26(824-849)	3MHz	QPSK	27025	15RB#0	-28.58	PASS
26(824-849)	3MHz	16QAM	26805	1RB#0	-25.27	PASS
26(824-849)	3MHz	16QAM	26805	15RB#0	-29.41	PASS
26(824-849)	3MHz	16QAM	27025	1RB#14	-25.28	PASS
26(824-849)	3MHz	16QAM	27025	15RB#0	-30.85	PASS
26(824-849)	5MHz	QPSK	26815	1RB#0	-27.41	PASS
26(824-849)	5MHz	QPSK	26815	25RB#0	-30.08	PASS
26(824-849)	5MHz	QPSK	27015	1RB#24	-27.79	PASS
26(824-849)	5MHz	QPSK	27015	25RB#0	-31.68	PASS
26(824-849)	5MHz	16QAM	26815	1RB#0	-28.52	PASS
26(824-849)	5MHz	16QAM	26815	25RB#0	-31.60	PASS
26(824-849)	5MHz	16QAM	27015	1RB#24	-29.19	PASS
26(824-849)	5MHz	16QAM	27015	25RB#0	-33.29	PASS
26(824-849)	10MHz	QPSK	26840	1RB#0	-37.13	PASS
26(824-849)	10MHz	QPSK	26840	50RB#0	-34.30	PASS
26(824-849)	10MHz	QPSK	26990	1RB#49	-37.04	PASS
26(824-849)	10MHz	QPSK	26990	50RB#0	-37.00	PASS
26(824-849)	10MHz	16QAM	26840	1RB#0	-38.67	PASS
26(824-849)	10MHz	16QAM	26840	50RB#0	-35.02	PASS
26(824-849)	10MHz	16QAM	26990	1RB#49	-38.03	PASS
26(824-849)	10MHz	16QAM	26990	50RB#0	-37.40	PASS
26(824-849)	15MHz	QPSK	26865	1RB#0	-40.24	PASS
26(824-849)	15MHz	QPSK	26865	75RB#0	-35.32	PASS
26(824-849)	15MHz	QPSK	26965	1RB#74	-40.42	PASS
26(824-849)	15MHz	QPSK	26965	75RB#0	-38.22	PASS
26(824-849)	15MHz	16QAM	26865	1RB#0	-41.11	PASS
26(824-849)	15MHz	16QAM	26865	75RB#0	-35.94	PASS
26(824-849)	15MHz	16QAM	26965	1RB#74	-41.11	PASS
26(824-849)	15MHz	16QAM	26965	75RB#0	-38.61	PASS

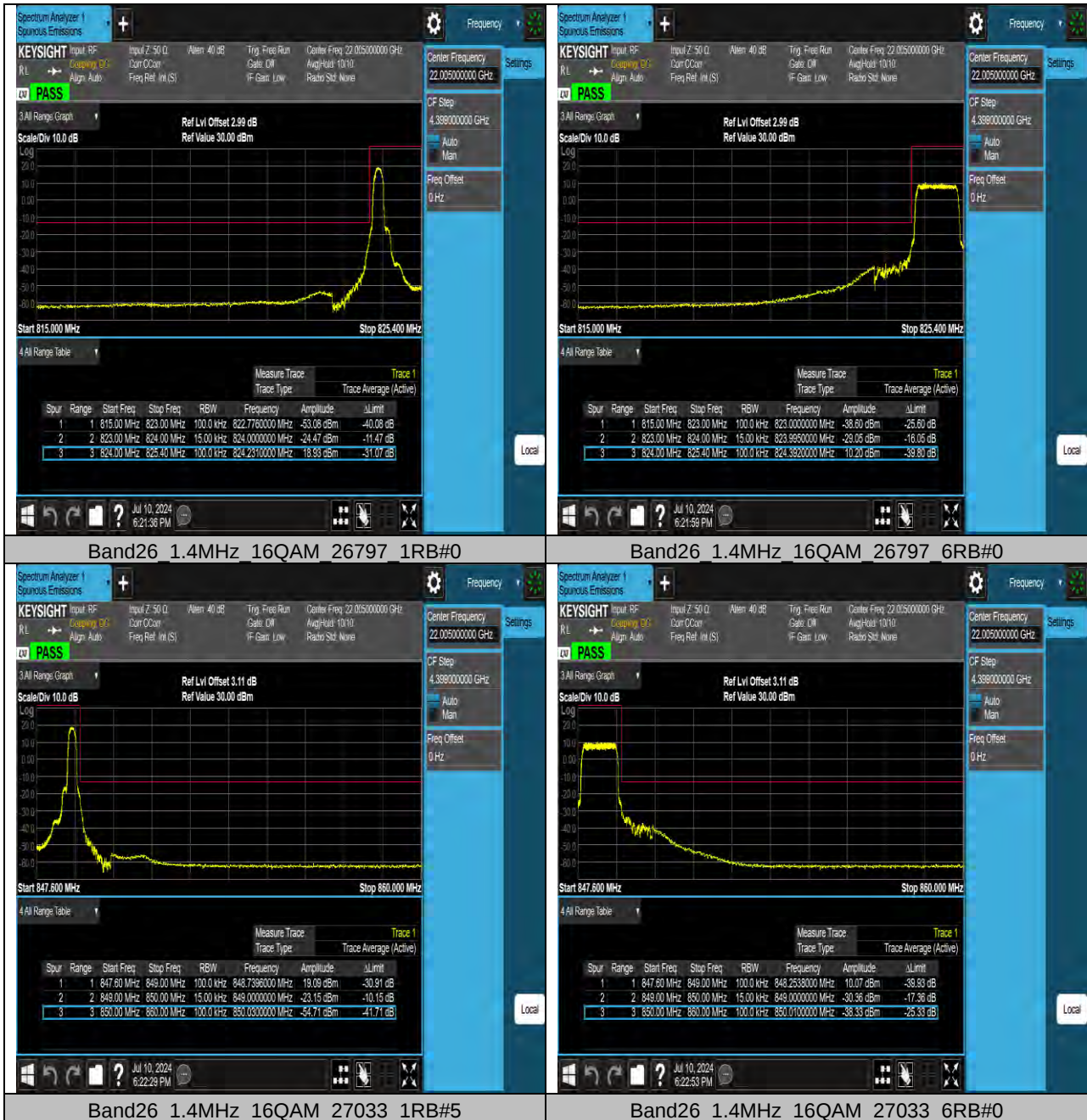
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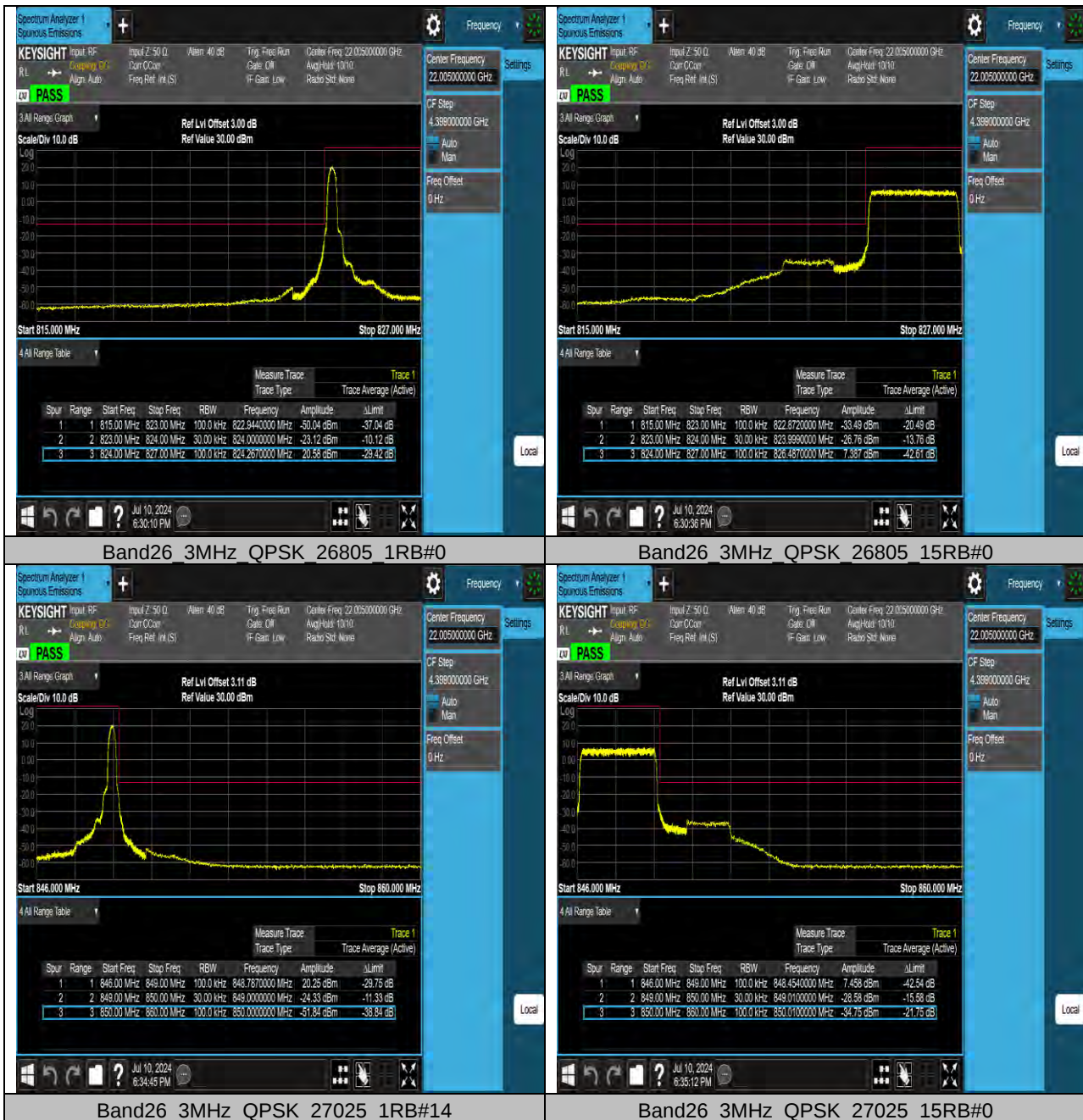
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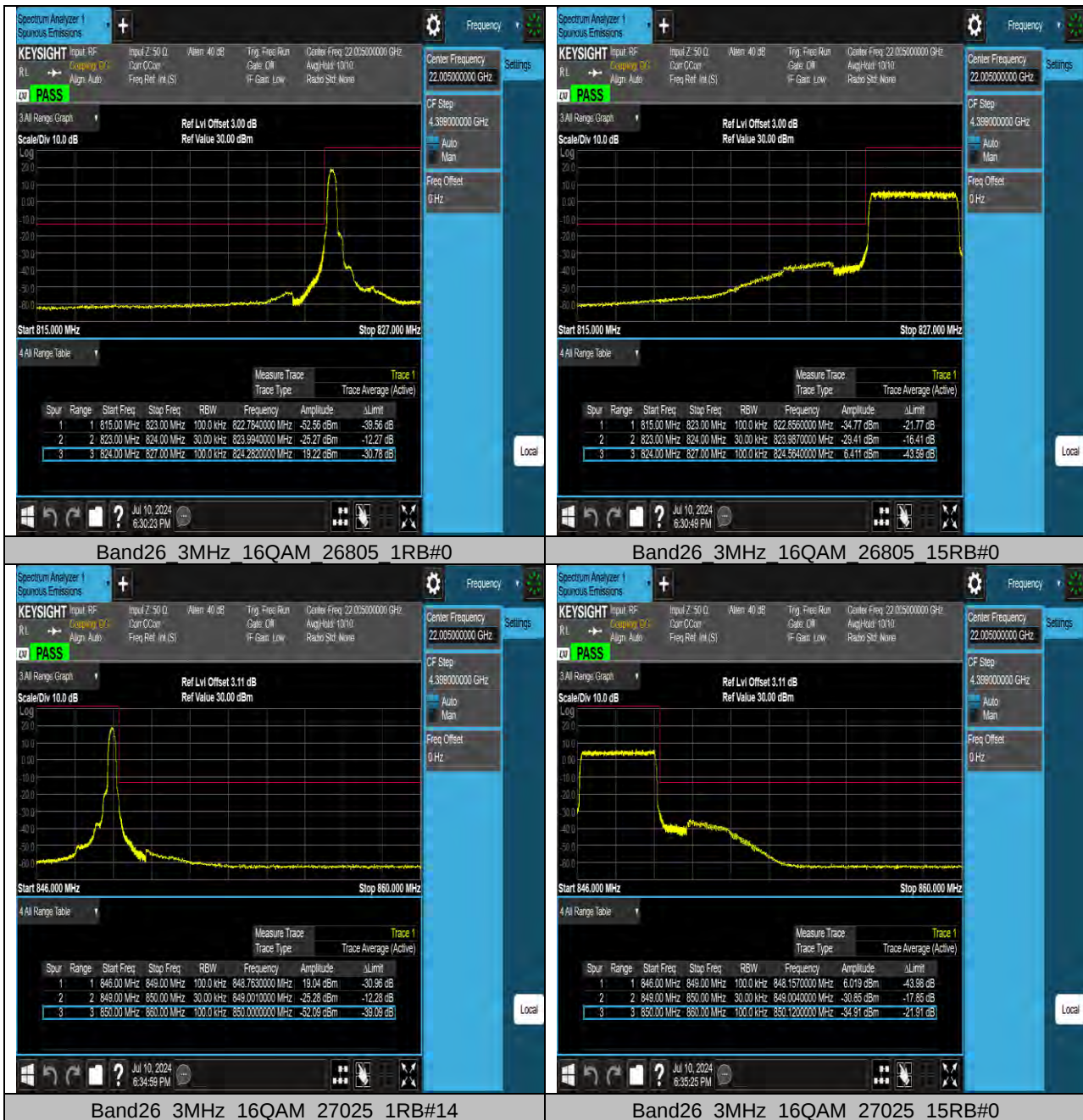
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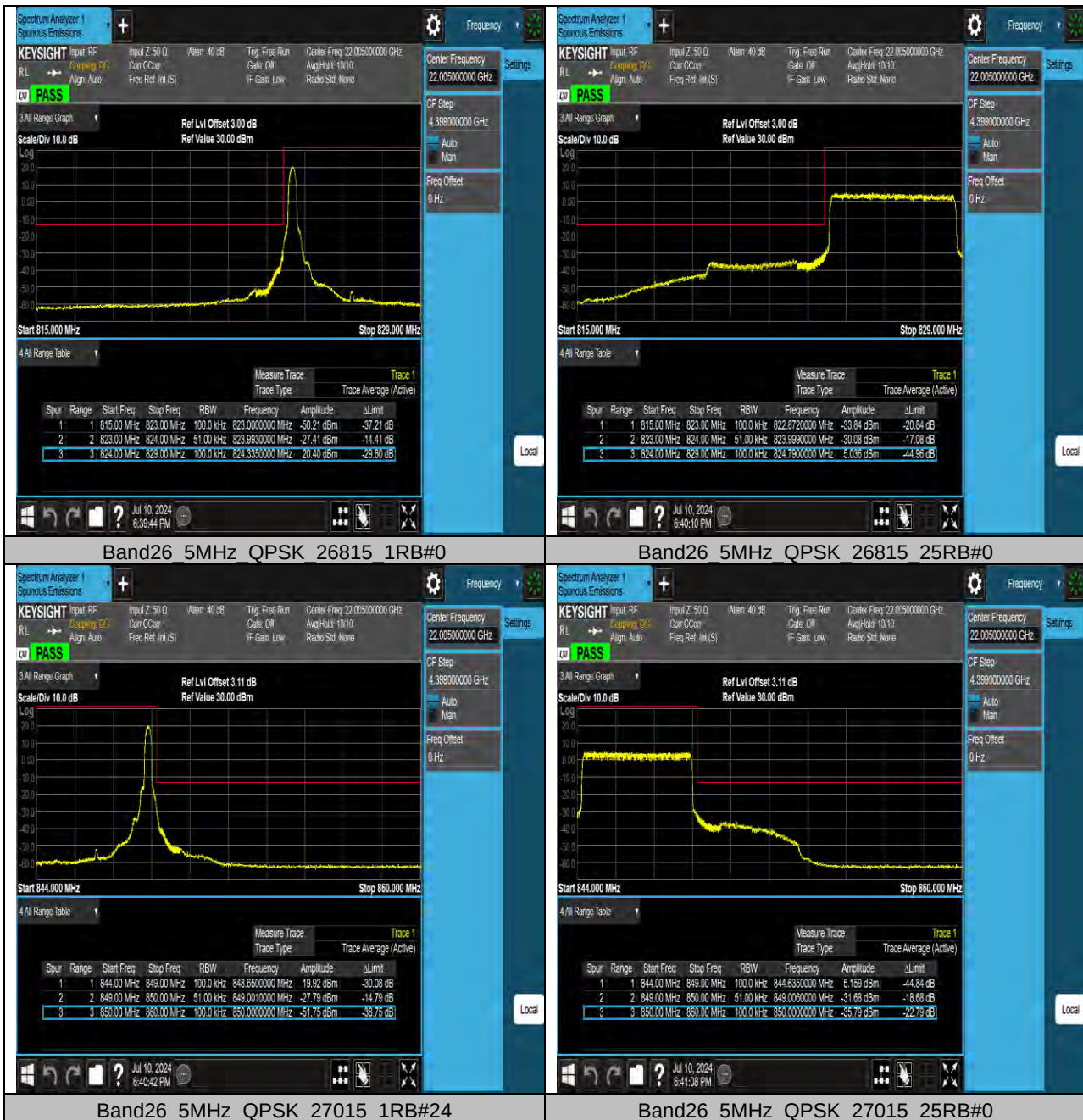
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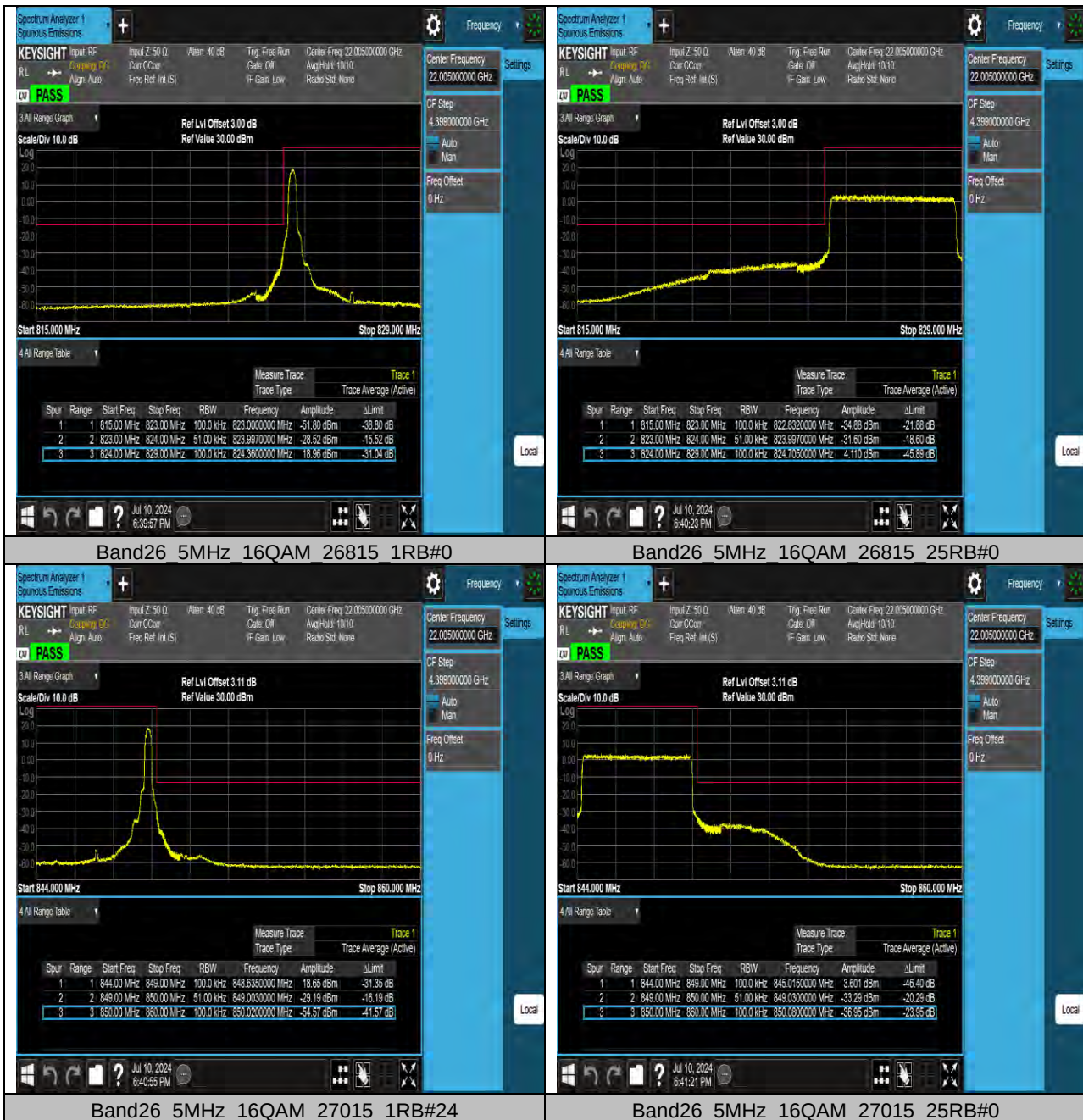
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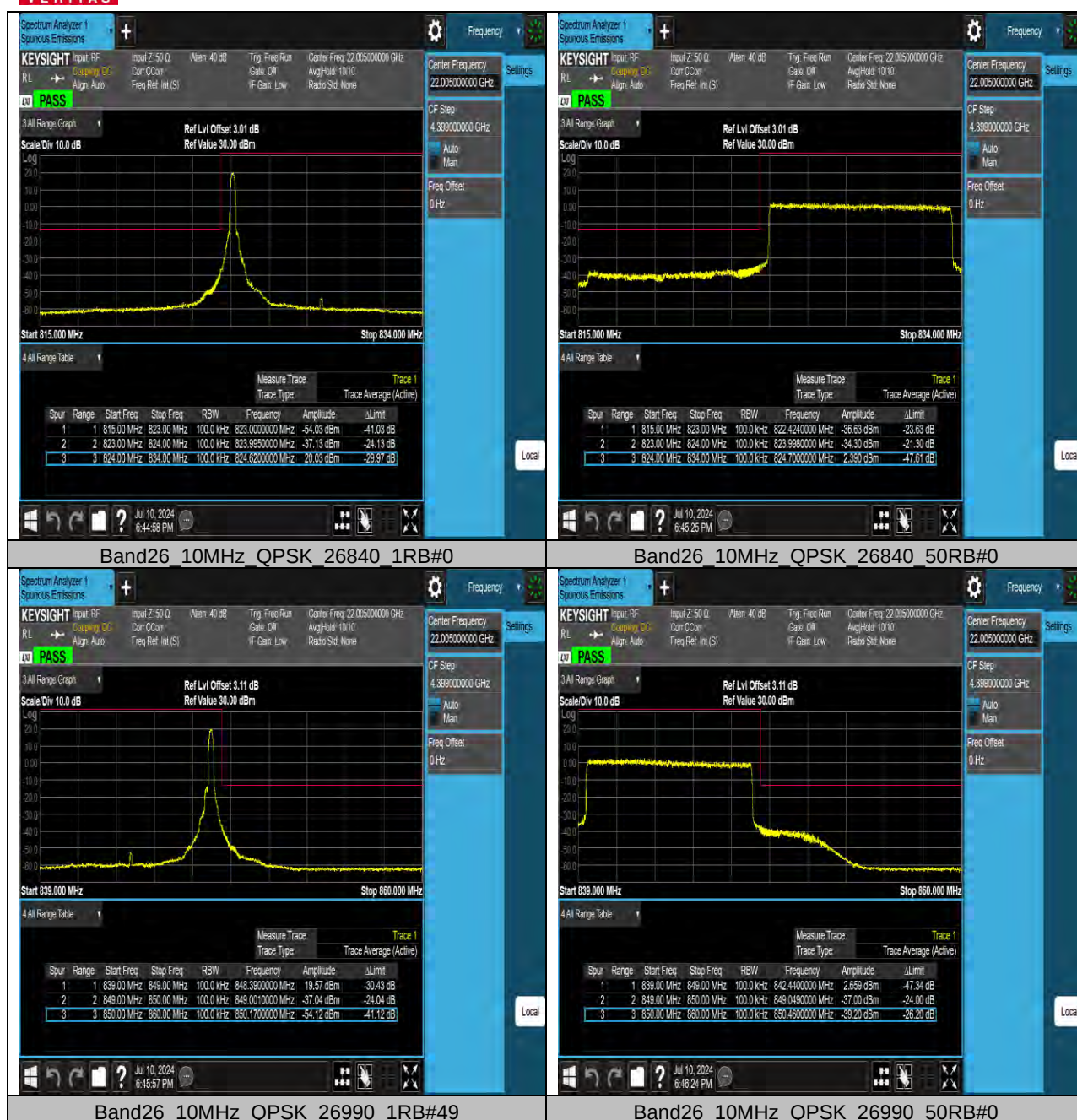
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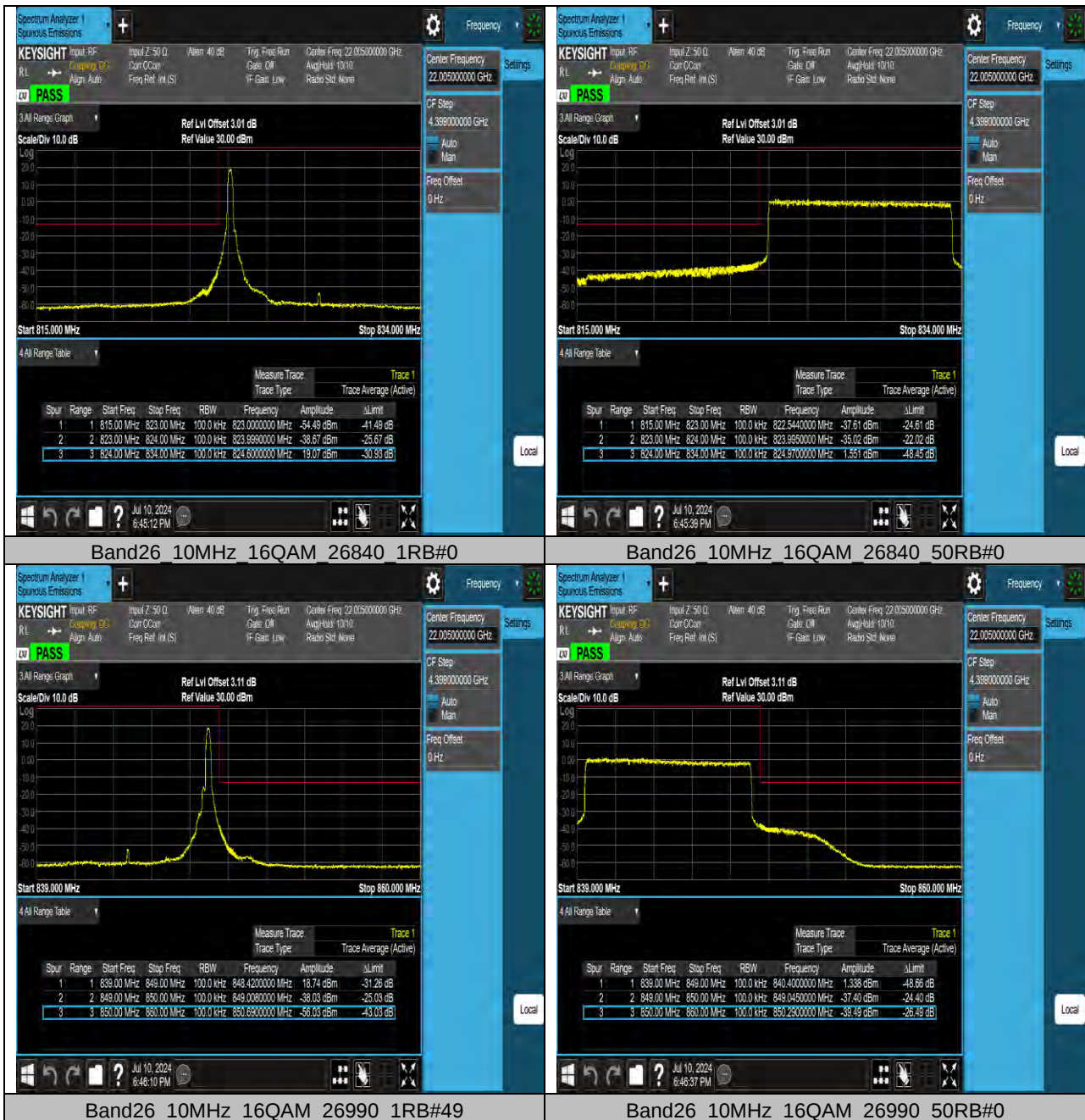
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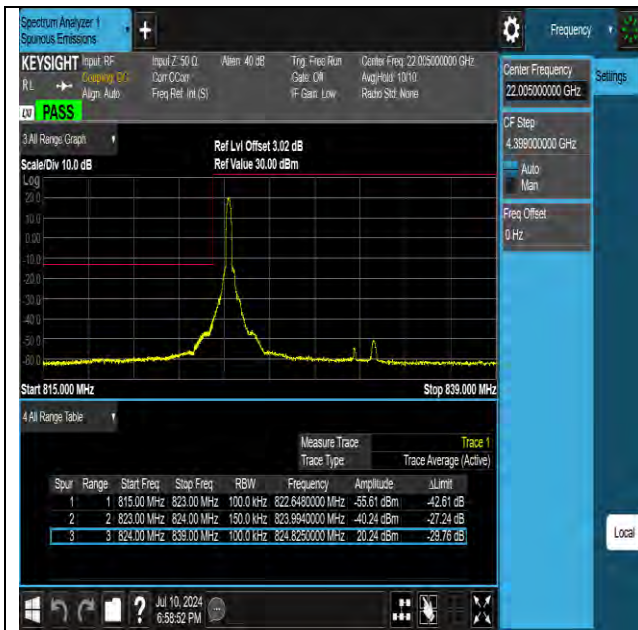
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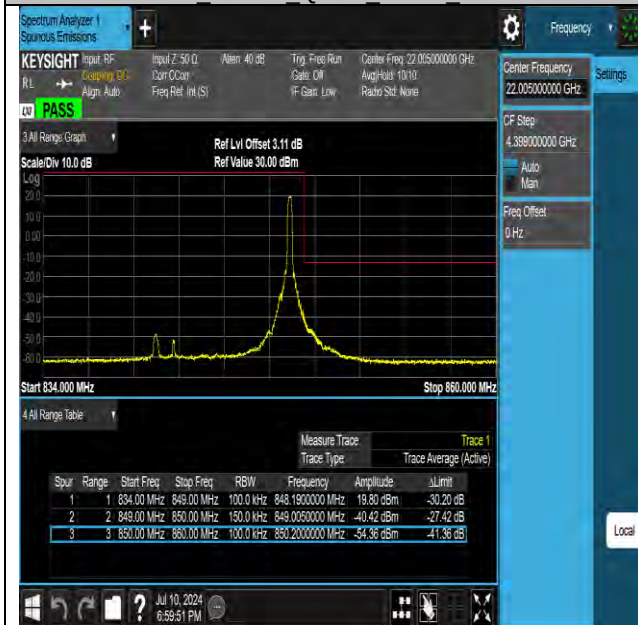
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Band26 15MHz QPSK 26865 1RB#0



Band26 15MHz QPSK 26865 75RB#0



Band26 15MHz QPSK 26965 1RB#74

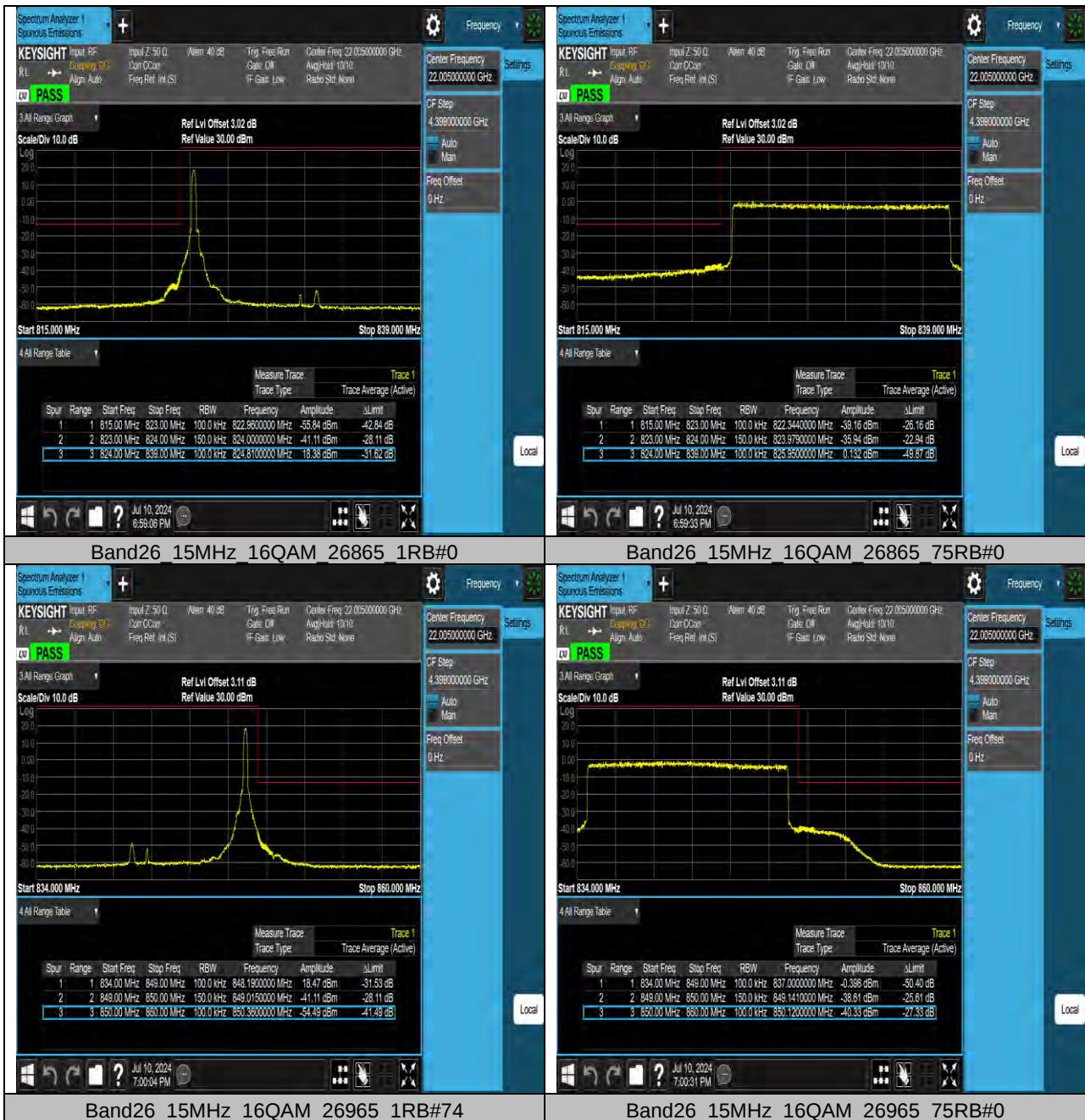


Band26 15MHz QPSK 26965 75RB#0



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Reference No.: PSU-QSU2503120111RF01





Reference No.: PSU-QSU2503120111RF01

CONDUCTED SPURIOUS EMISSION TEST RESULT

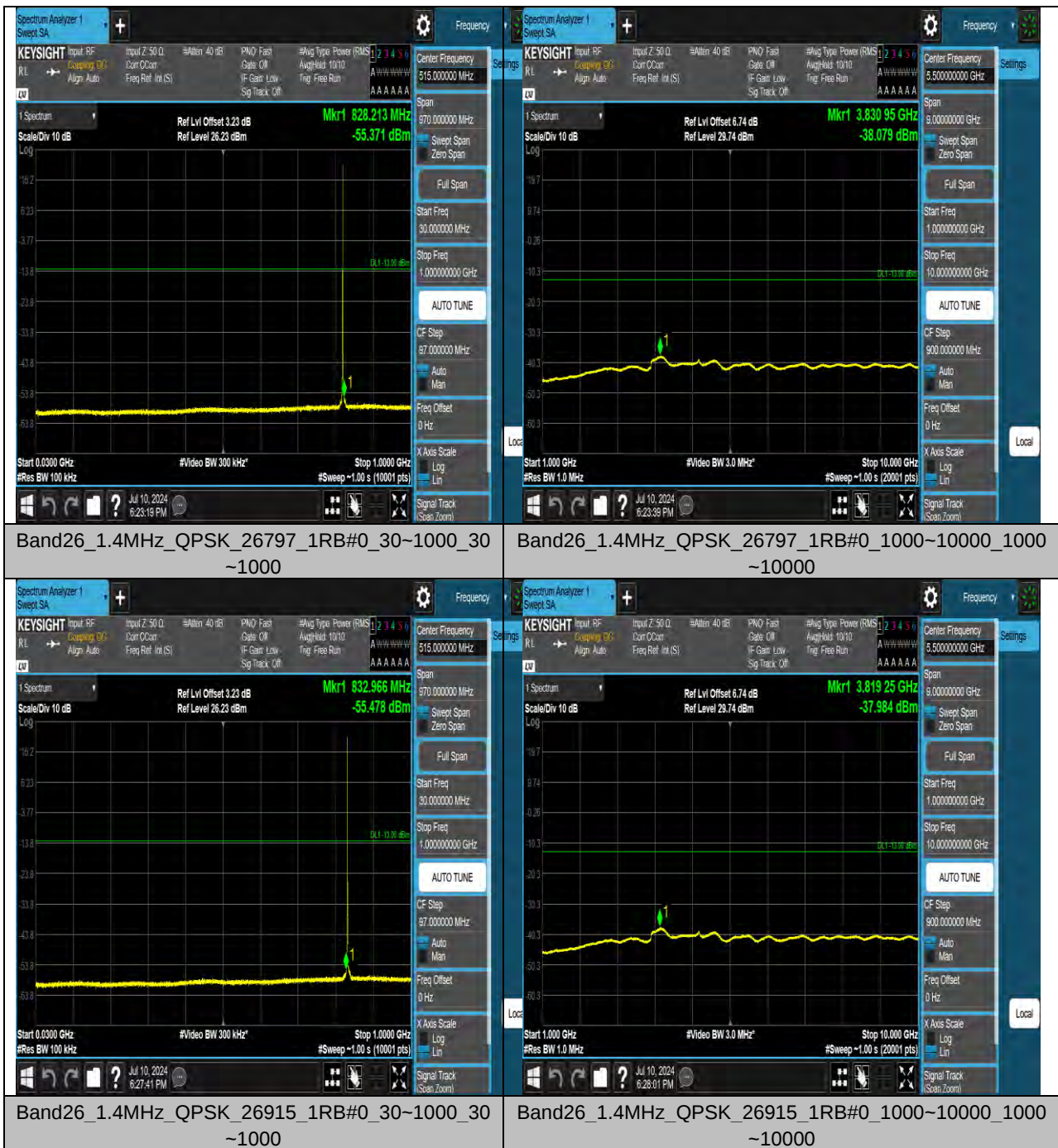
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
26(824-849)	1.4MHz	QPSK	26797	1RB#0	30~1000	-55.37	PASS
26(824-849)	1.4MHz	QPSK	26797	1RB#0	1000~10000	-38.08	PASS
26(824-849)	1.4MHz	QPSK	26915	1RB#0	30~1000	-55.48	PASS
26(824-849)	1.4MHz	QPSK	26915	1RB#0	1000~10000	-37.98	PASS
26(824-849)	1.4MHz	QPSK	27033	1RB#0	30~1000	-55.73	PASS
26(824-849)	1.4MHz	QPSK	27033	1RB#0	1000~10000	-38.15	PASS
26(824-849)	3MHz	QPSK	26805	1RB#0	30~1000	-53.12	PASS
26(824-849)	3MHz	QPSK	26805	1RB#0	1000~10000	-38.03	PASS
26(824-849)	3MHz	QPSK	26915	1RB#0	30~1000	-55.02	PASS
26(824-849)	3MHz	QPSK	26915	1RB#0	1000~10000	-38.04	PASS
26(824-849)	3MHz	QPSK	27025	1RB#0	30~1000	-54.90	PASS
26(824-849)	3MHz	QPSK	27025	1RB#0	1000~10000	-38.13	PASS
26(824-849)	5MHz	QPSK	26815	1RB#0	30~1000	-57.23	PASS
26(824-849)	5MHz	QPSK	26815	1RB#0	1000~10000	-38.08	PASS
26(824-849)	5MHz	QPSK	26915	1RB#0	30~1000	-57.20	PASS
26(824-849)	5MHz	QPSK	26915	1RB#0	1000~10000	-38.06	PASS
26(824-849)	5MHz	QPSK	27015	1RB#0	30~1000	-57.40	PASS
26(824-849)	5MHz	QPSK	27015	1RB#0	1000~10000	-38.10	PASS
26(824-849)	10MHz	QPSK	26840	1RB#0	30~1000	-57.05	PASS
26(824-849)	10MHz	QPSK	26840	1RB#0	1000~10000	-38.11	PASS
26(824-849)	10MHz	QPSK	26915	1RB#0	30~1000	-57.28	PASS
26(824-849)	10MHz	QPSK	26915	1RB#0	1000~10000	-38.11	PASS
26(824-849)	10MHz	QPSK	26990	1RB#0	30~1000	-57.24	PASS
26(824-849)	10MHz	QPSK	26990	1RB#0	1000~10000	-38.06	PASS
26(824-849)	15MHz	QPSK	26865	1RB#0	30~1000	-57.16	PASS
26(824-849)	15MHz	QPSK	26865	1RB#0	1000~10000	-38.15	PASS
26(824-849)	15MHz	QPSK	26915	1RB#0	30~1000	-57.32	PASS
26(824-849)	15MHz	QPSK	26915	1RB#0	1000~10000	-37.94	PASS
26(824-849)	15MHz	QPSK	26965	1RB#0	30~1000	-57.04	PASS
26(824-849)	15MHz	QPSK	26965	1RB#0	1000~10000	-38.12	PASS



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Reference No.: PSU-QSU2503120111RF01

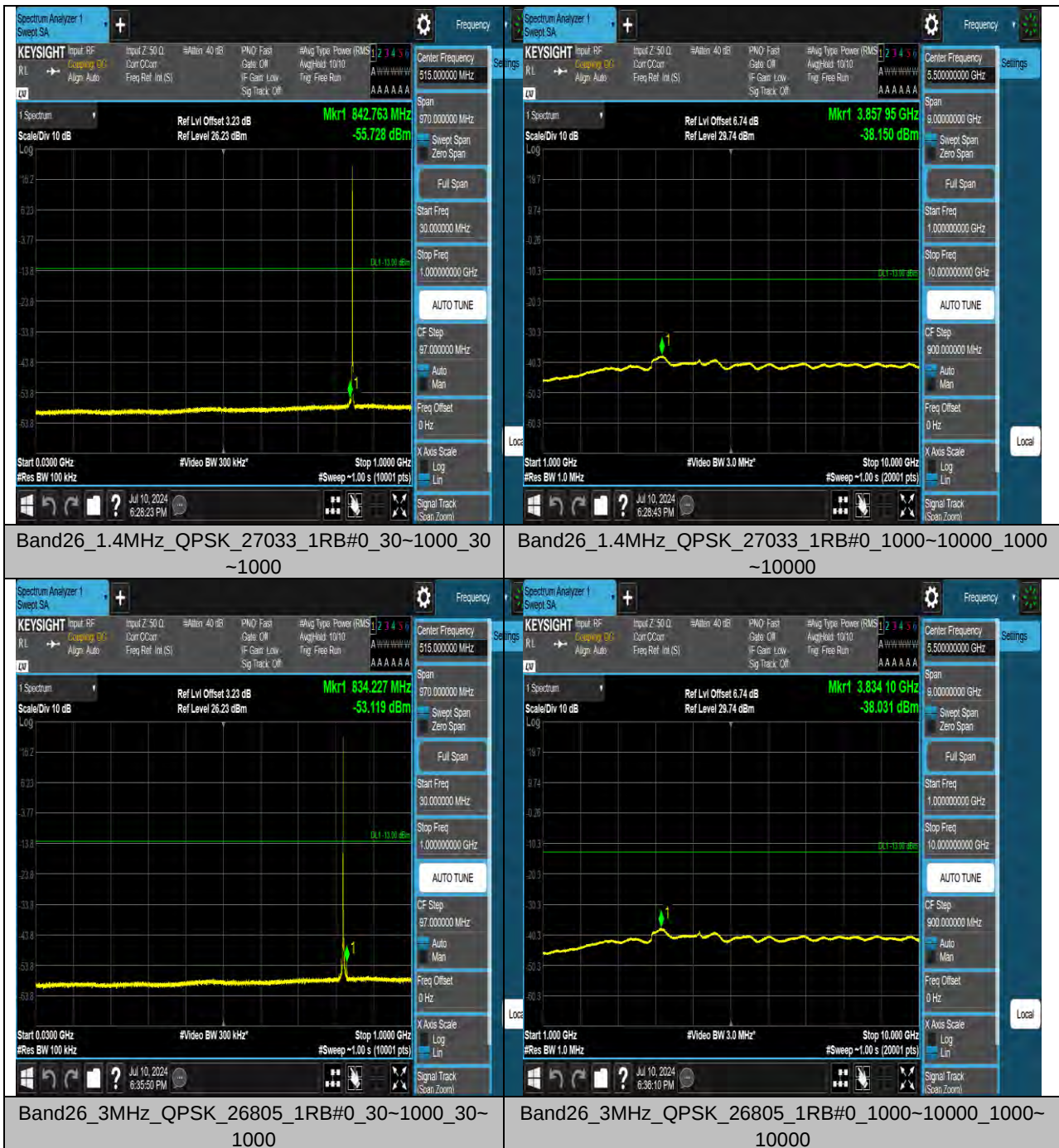
TEST GRAPHS





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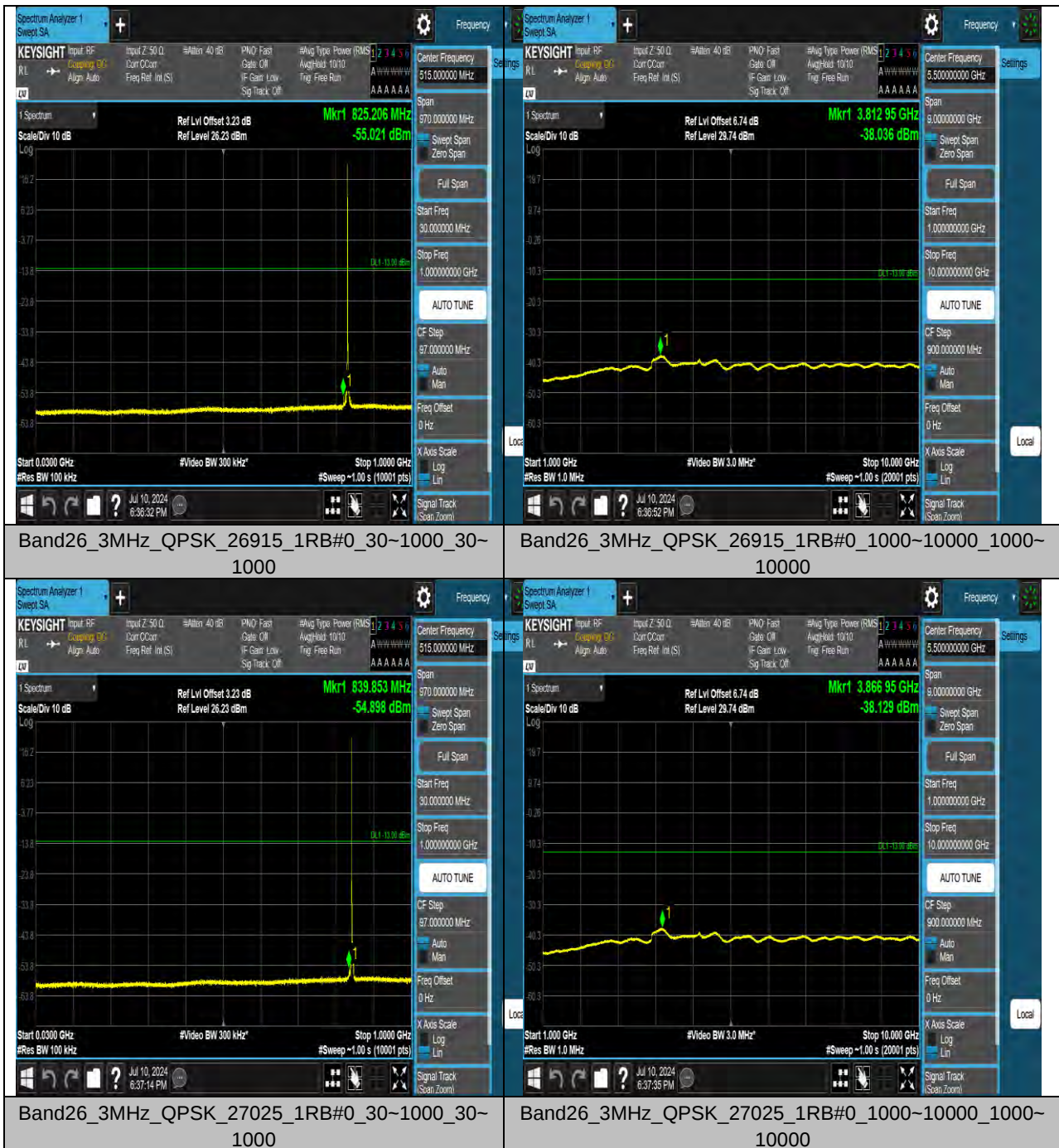
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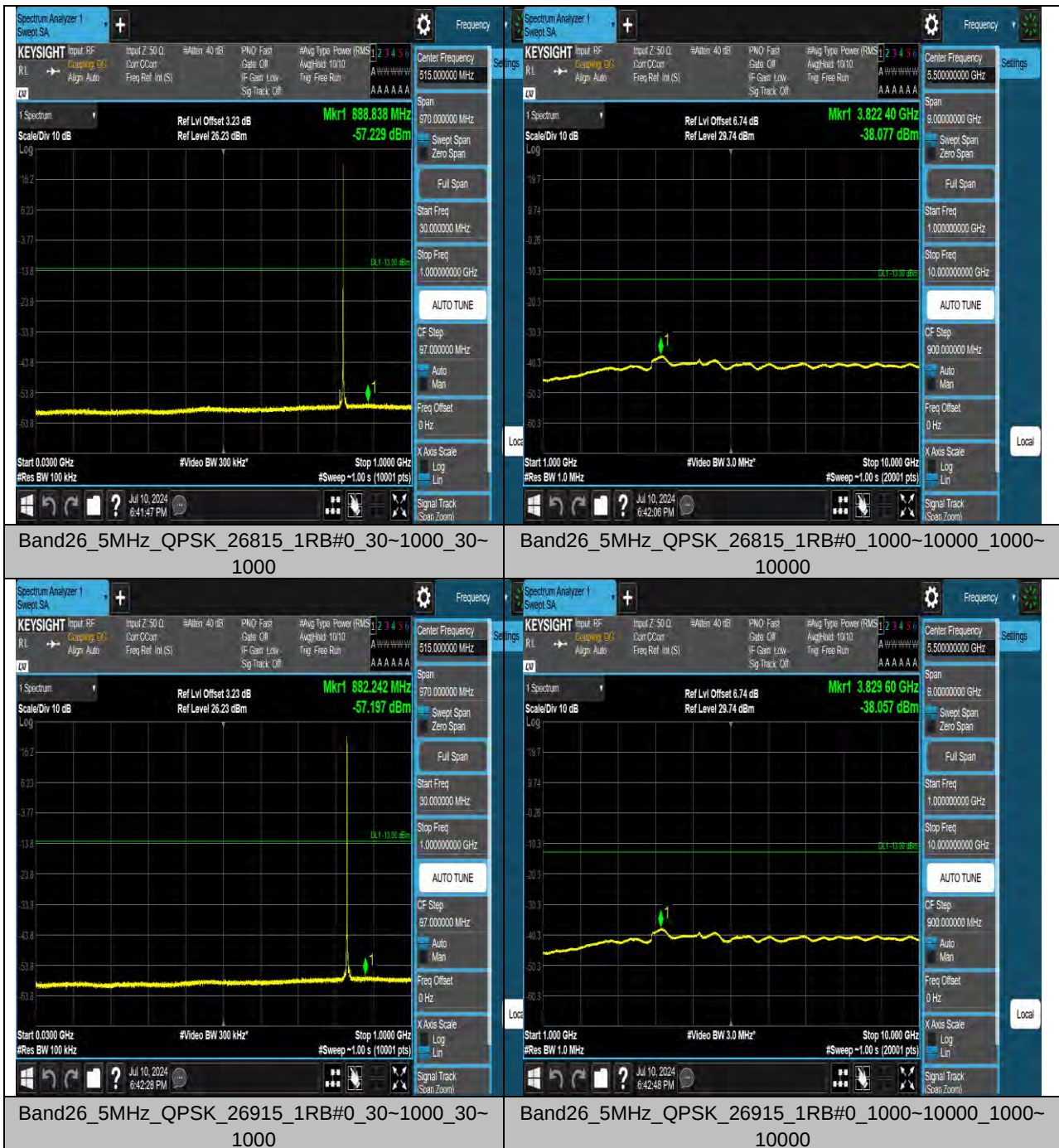
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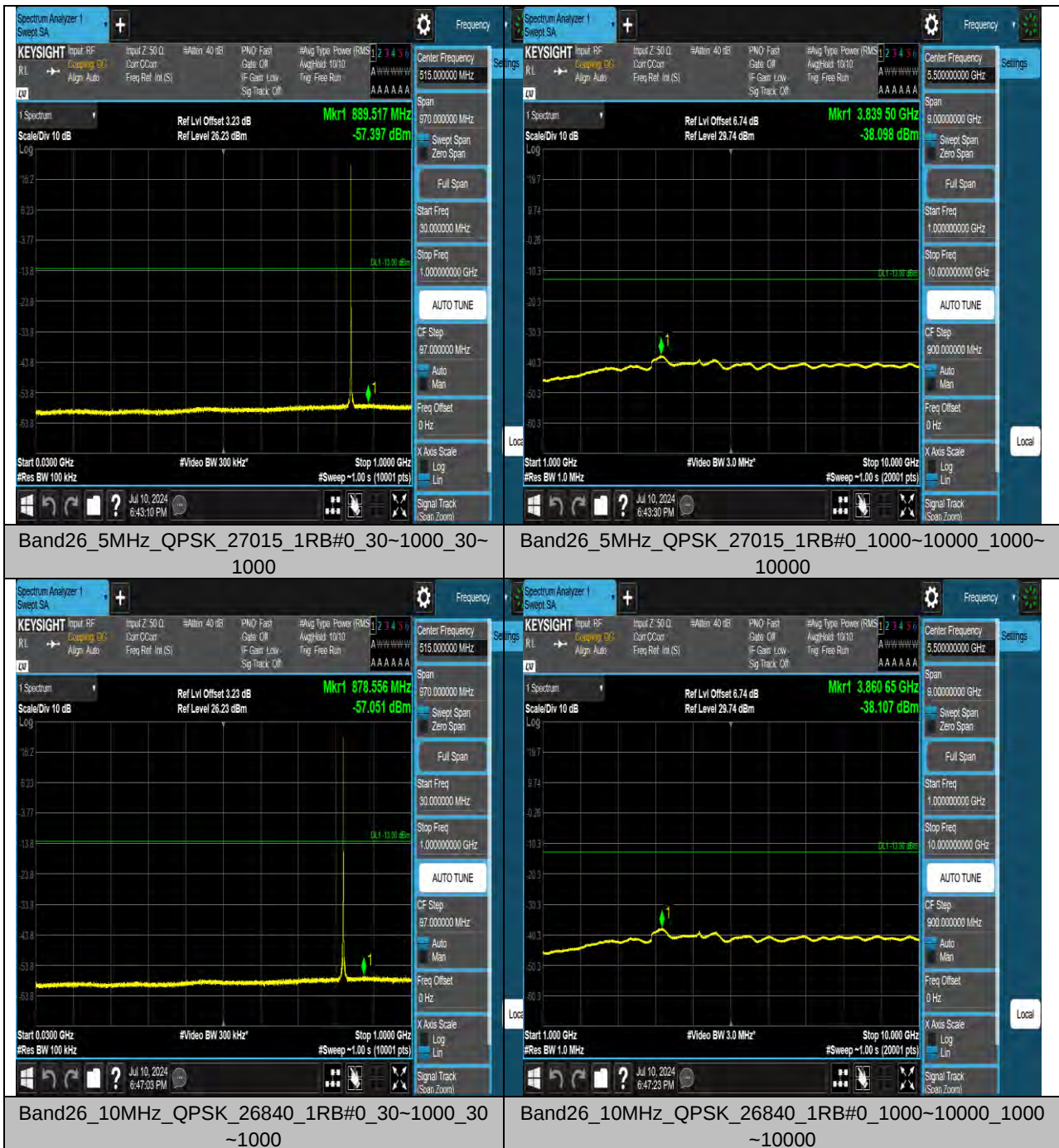
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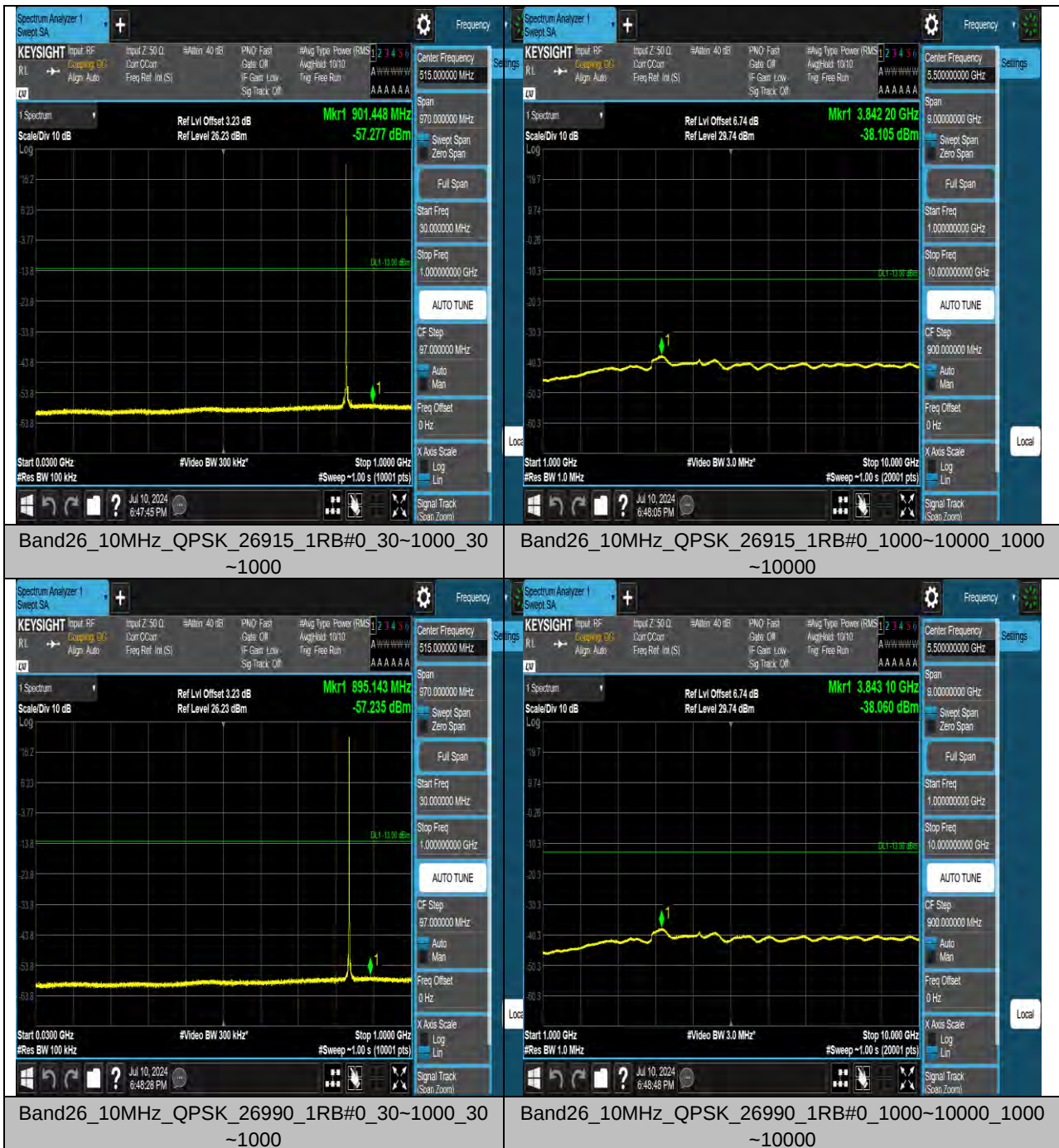
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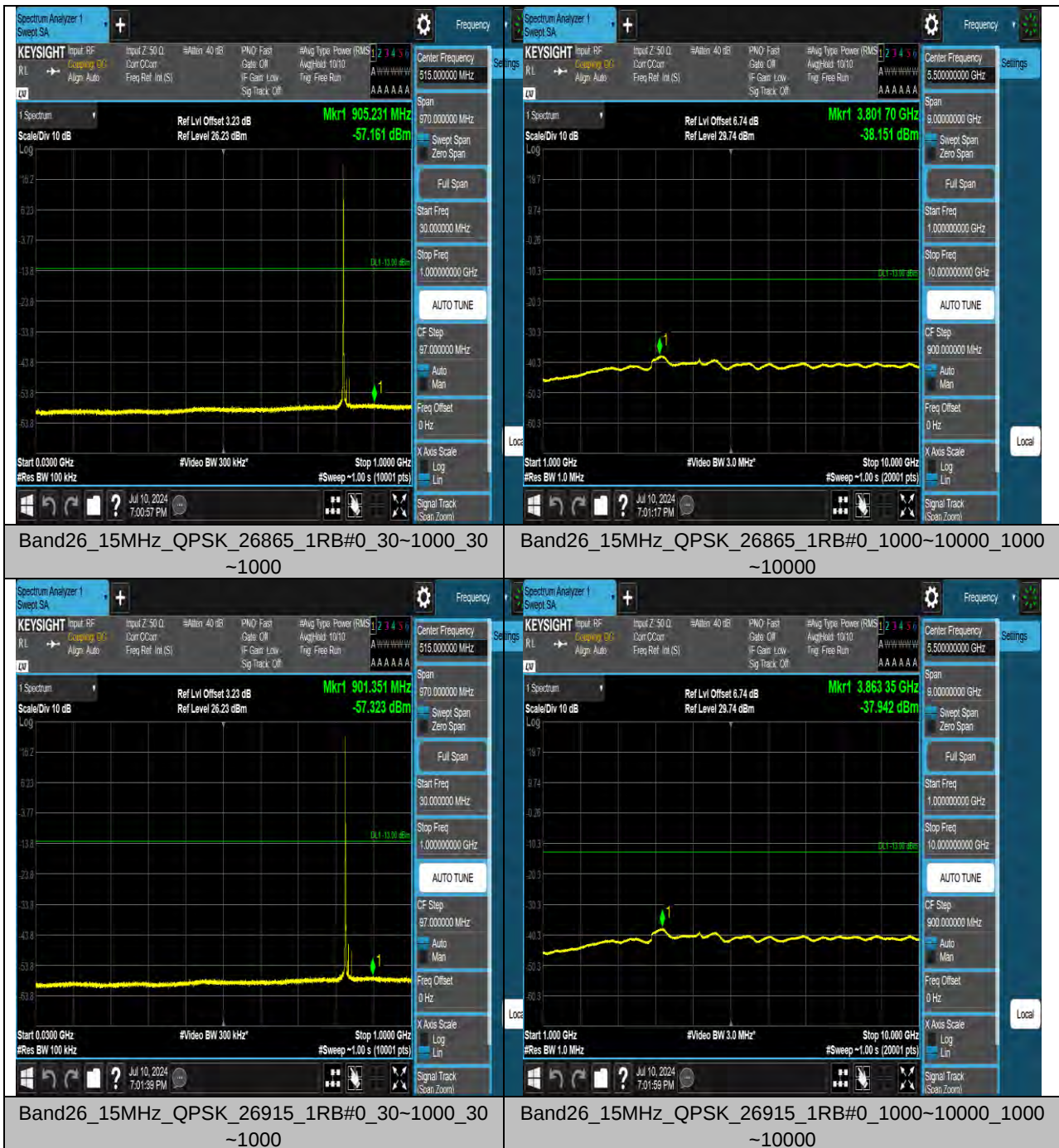
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Reference No.: PSU-QSU2503120111RF01

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
26(824-849)	10MHz	QPSK	26840	50RB#0	VN	NT	-1042.53	-1.257573	824.52288	---	824-849	PASS
26(824-849)	10MHz	QPSK	26840	50RB#0	VL	NT	1159.11	1.398206	824.5108	---	824-849	PASS
26(824-849)	10MHz	QPSK	26840	50RB#0	VH	NT	-1254.80	-1.513628	824.51288	---	824-849	PASS
26(824-849)	10MHz	QPSK	26990	50RB#0	VN	NT	967.48	1.146305	---	848.45299	824-849	PASS
26(824-849)	10MHz	QPSK	26990	50RB#0	VL	NT	-1064.49	-1.261250	---	848.45571	824-849	PASS
26(824-849)	10MHz	QPSK	26990	50RB#0	VH	NT	-1326.25	-1.571387	---	848.4607	824-849	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
26(824-849)	10MHz	QPSK	26840	50RB#0	NV	-30	-1084.49	-1.308190	824.51611	---	824-849	PASS
26(824-849)	10MHz	QPSK	26840	50RB#0	NV	-20	1177.83	1.420779	824.5166	---	824-849	PASS
26(824-849)	10MHz	QPSK	26840	50RB#0	NV	-10	-1311.66	-1.582217	824.51976	---	824-849	PASS
26(824-849)	10MHz	QPSK	26840	50RB#0	NV	0	-1360.38	-1.640992	824.51776	---	824-849	PASS
26(824-849)	10MHz	QPSK	26840	50RB#0	NV	10	1241.63	1.497741	824.51427	---	824-849	PASS
26(824-849)	10MHz	QPSK	26840	50RB#0	NV	20	-1415.33	-1.707277	824.50787	---	824-849	PASS
26(824-849)	10MHz	QPSK	26840	50RB#0	NV	30	1243.67	1.500201	824.51677	---	824-849	PASS
26(824-849)	10MHz	QPSK	26840	50RB#0	NV	40	1118.87	1.349662	824.50744	---	824-849	PASS
26(824-849)	10MHz	QPSK	26840	50RB#0	NV	50	-1163.80	-1.403859	824.50867	---	824-849	PASS
26(824-849)	10MHz	QPSK	26990	50RB#0	NV	-30	989.04	1.171843	---	848.45514	824-849	PASS
26(824-849)	10MHz	QPSK	26990	50RB#0	NV	-20	-1100.53	-1.303941	---	848.45543	824-849	PASS
26(824-849)	10MHz	QPSK	26990	50RB#0	NV	-10	-1181.84	-1.400289	---	848.4543	824-849	PASS
26(824-849)	10MHz	QPSK	26990	50RB#0	NV	0	1034.	1.226	---	848.4	824-849	PASS

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BUREAU
VERITAS

Reference No.: PSU-QSU2503120111RF01

4-849)	z			#0			81	081		479	49	
26(82 4-849)	10MH z	QPSK	26990	50RB #0	NV	10	821.4 2	0.973 247	---	848.4 5528	824-8 49	PASS
26(82 4-849)	10MH z	QPSK	26990	50RB #0	NV	20	-306.3 2	-0.362 939	---	848.4 5496	824-8 49	PASS
26(82 4-849)	10MH z	QPSK	26990	50RB #0	NV	30	-434.1 2	-0.514 357	---	848.4 5203	824-8 49	PASS
26(82 4-849)	10MH z	QPSK	26990	50RB #0	NV	40	-1010. 75	-1.197 571	---	848.4 5916	824-8 49	PASS
26(82 4-849)	10MH z	QPSK	26990	50RB #0	NV	50	-1106. 59	-1.311 131	---	848.4 6481	824-8 49	PASS

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