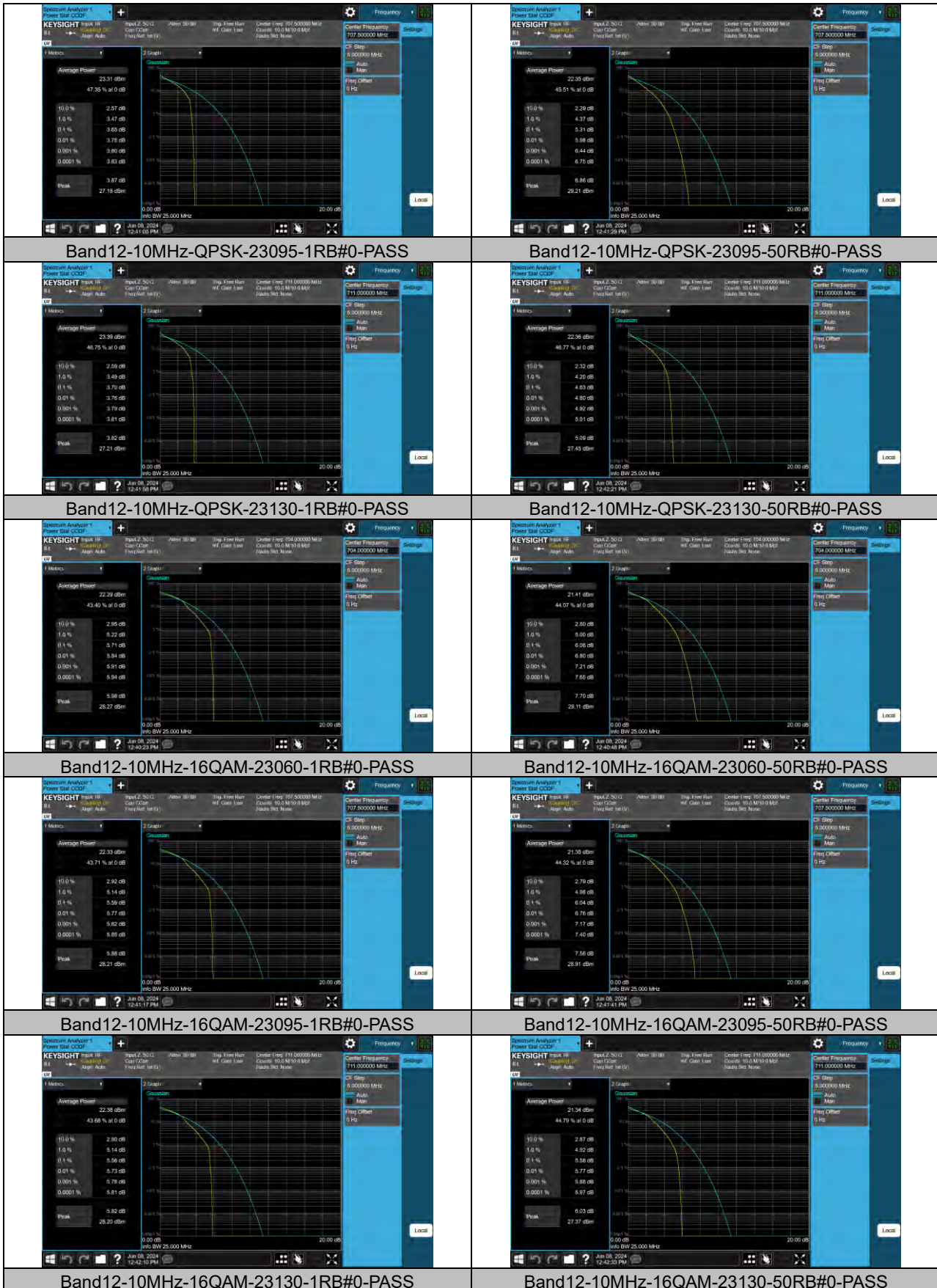
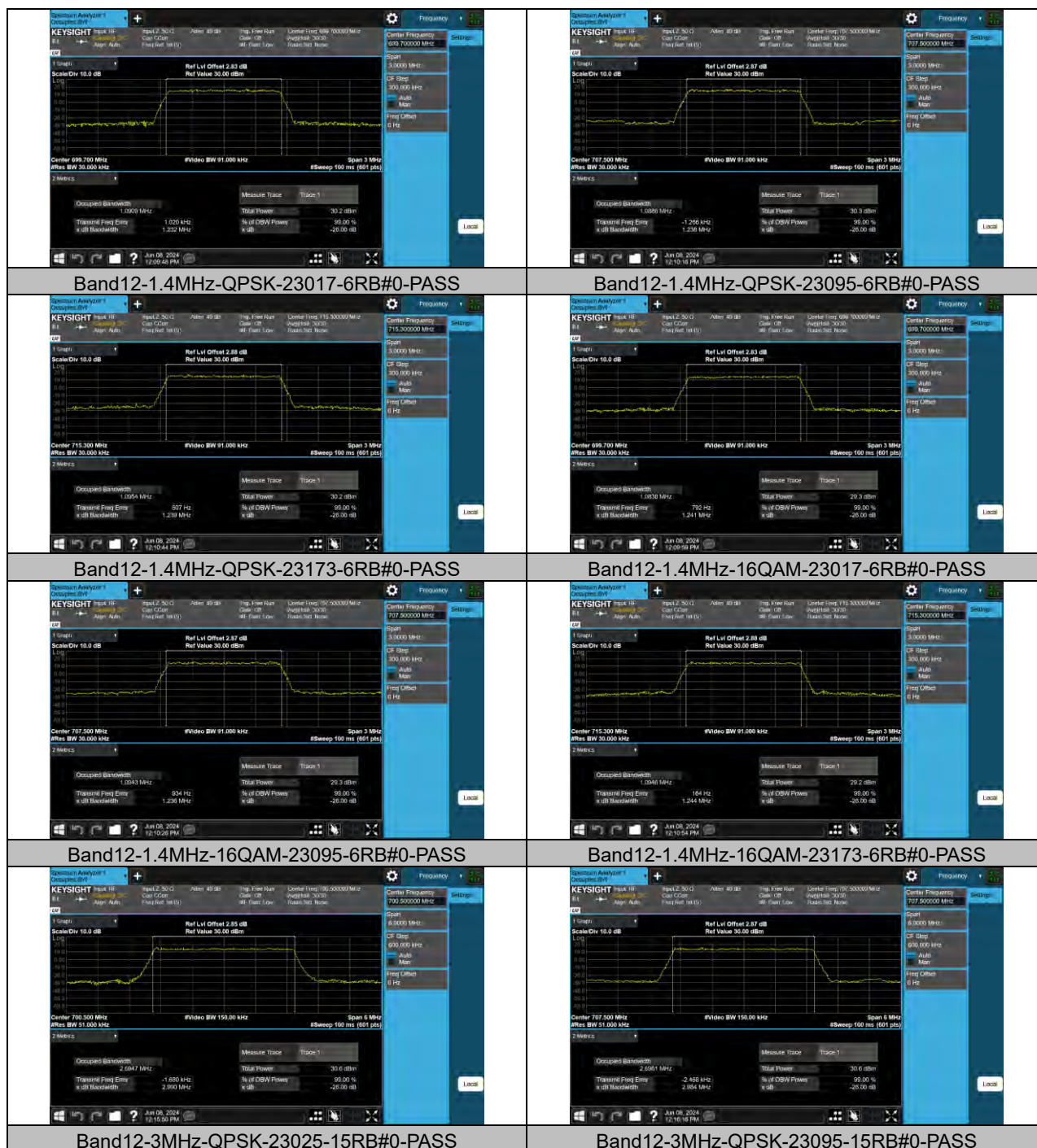


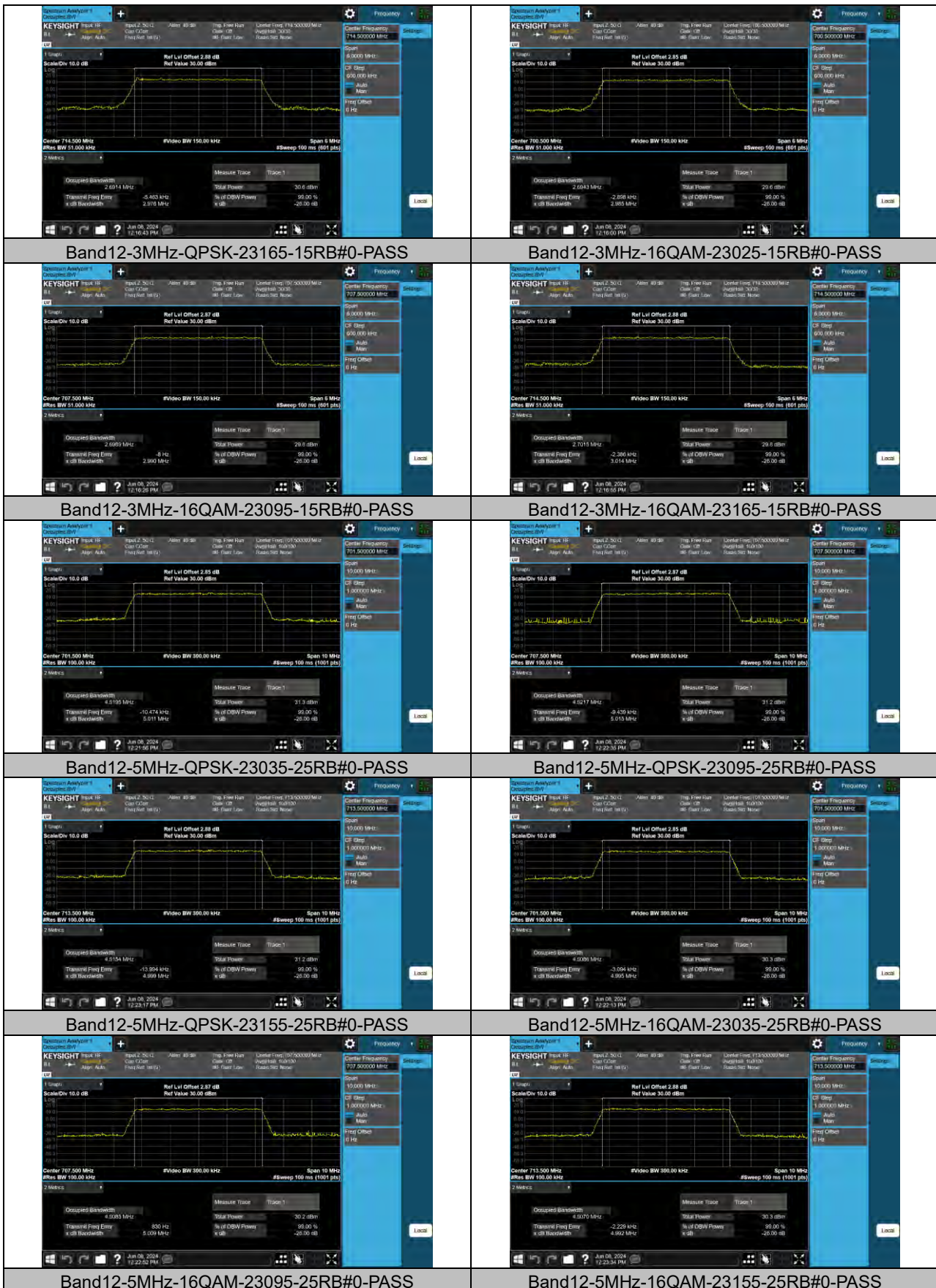


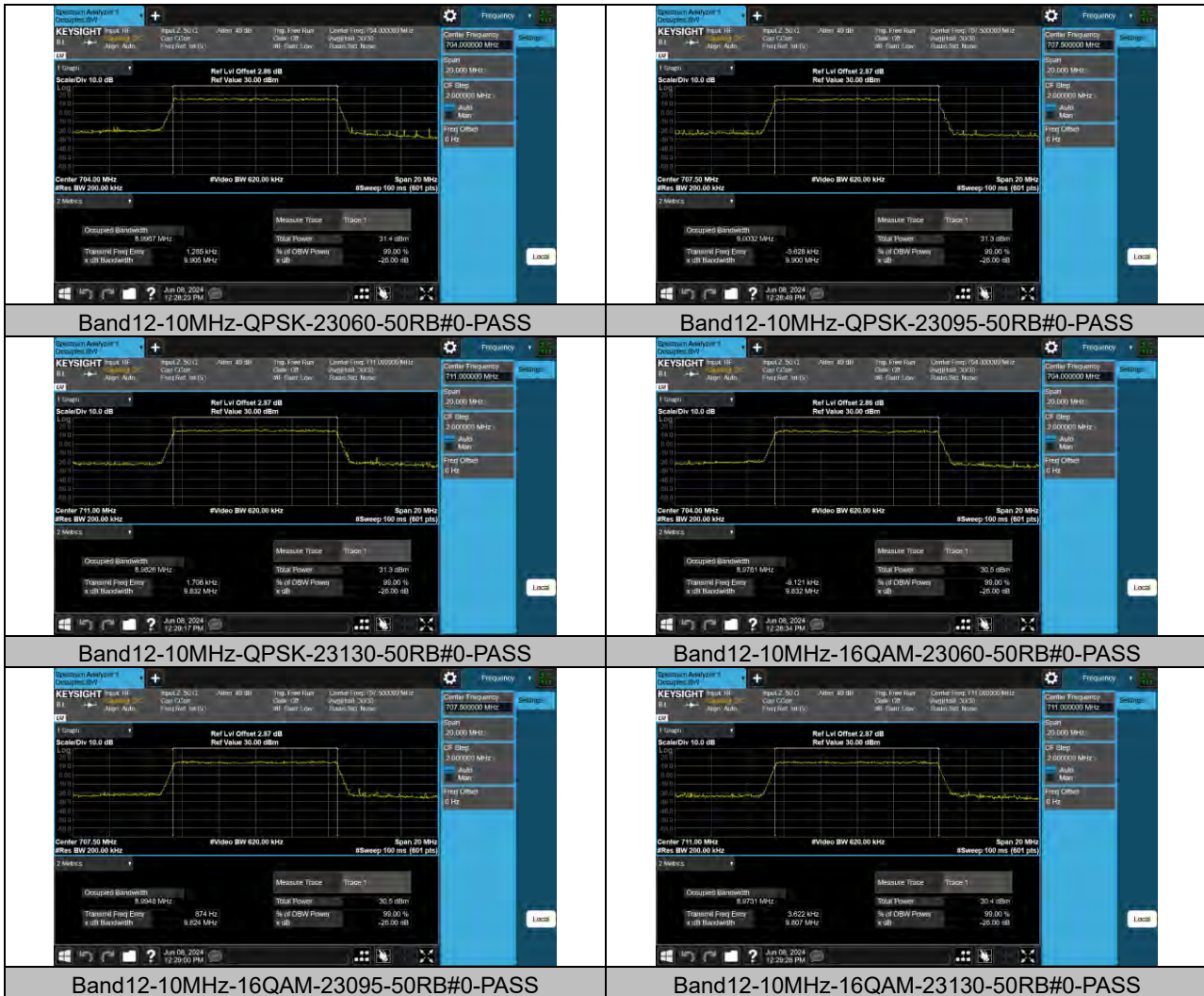
26DB BANDWIDTH AND OCCUPIED BANDWIDTH TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0909	1.232	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0886	1.238	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0954	1.239	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0838	1.241	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0943	1.236	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0946	1.244	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6947	2.990	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6961	2.984	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6914	2.976	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6943	2.985	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6989	2.990	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7015	3.014	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5195	5.011	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5217	5.015	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5154	4.999	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5086	4.995	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5085	5.009	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5070	4.992	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9987	9.905	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0032	9.900	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9826	9.832	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9781	9.832	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9948	9.824	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9731	9.807	PASS

TEST GRAPHS



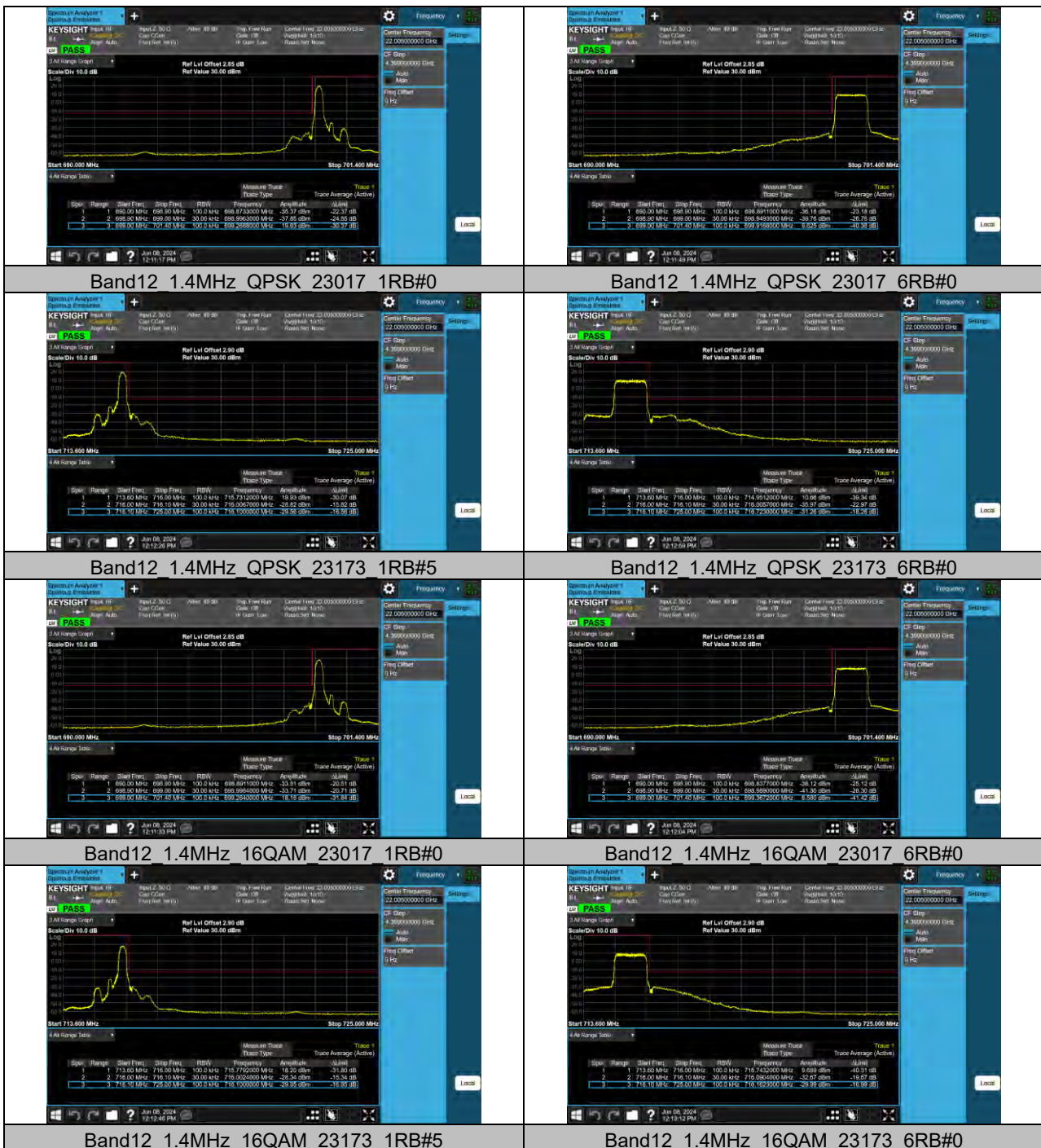




BAND EDGE TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-35.37	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-36.18	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-28.82	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-31.26	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-33.51	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-38.12	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-28.34	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-29.99	PASS
Band12	3MHz	QPSK	23025	1RB#0	-24.38	PASS
Band12	3MHz	QPSK	23025	15RB#0	-31.13	PASS
Band12	3MHz	QPSK	23165	1RB#14	-23.63	PASS
Band12	3MHz	QPSK	23165	15RB#0	-31.94	PASS
Band12	3MHz	16QAM	23025	1RB#0	-24.32	PASS
Band12	3MHz	16QAM	23025	15RB#0	-31.94	PASS
Band12	3MHz	16QAM	23165	1RB#14	-24.19	PASS
Band12	3MHz	16QAM	23165	15RB#0	-31.84	PASS
Band12	5MHz	QPSK	23035	1RB#0	-28.67	PASS
Band12	5MHz	QPSK	23035	25RB#0	-34.96	PASS
Band12	5MHz	QPSK	23155	1RB#24	-26.44	PASS
Band12	5MHz	QPSK	23155	25RB#0	-35.38	PASS
Band12	5MHz	16QAM	23035	1RB#0	-30.86	PASS
Band12	5MHz	16QAM	23035	25RB#0	-36.61	PASS
Band12	5MHz	16QAM	23155	1RB#24	-29.94	PASS
Band12	5MHz	16QAM	23155	25RB#0	-38.14	PASS
Band12	10MHz	QPSK	23060	1RB#0	-41.64	PASS
Band12	10MHz	QPSK	23060	50RB#0	-33.63	PASS
Band12	10MHz	QPSK	23130	1RB#49	-40.68	PASS
Band12	10MHz	QPSK	23130	50RB#0	-36.26	PASS
Band12	10MHz	16QAM	23060	1RB#0	-42.15	PASS
Band12	10MHz	16QAM	23060	50RB#0	-33.45	PASS
Band12	10MHz	16QAM	23130	1RB#49	-40.59	PASS
Band12	10MHz	16QAM	23130	50RB#0	-39.09	PASS

TEST GRAPHS





**BUREAU
VERITAS**

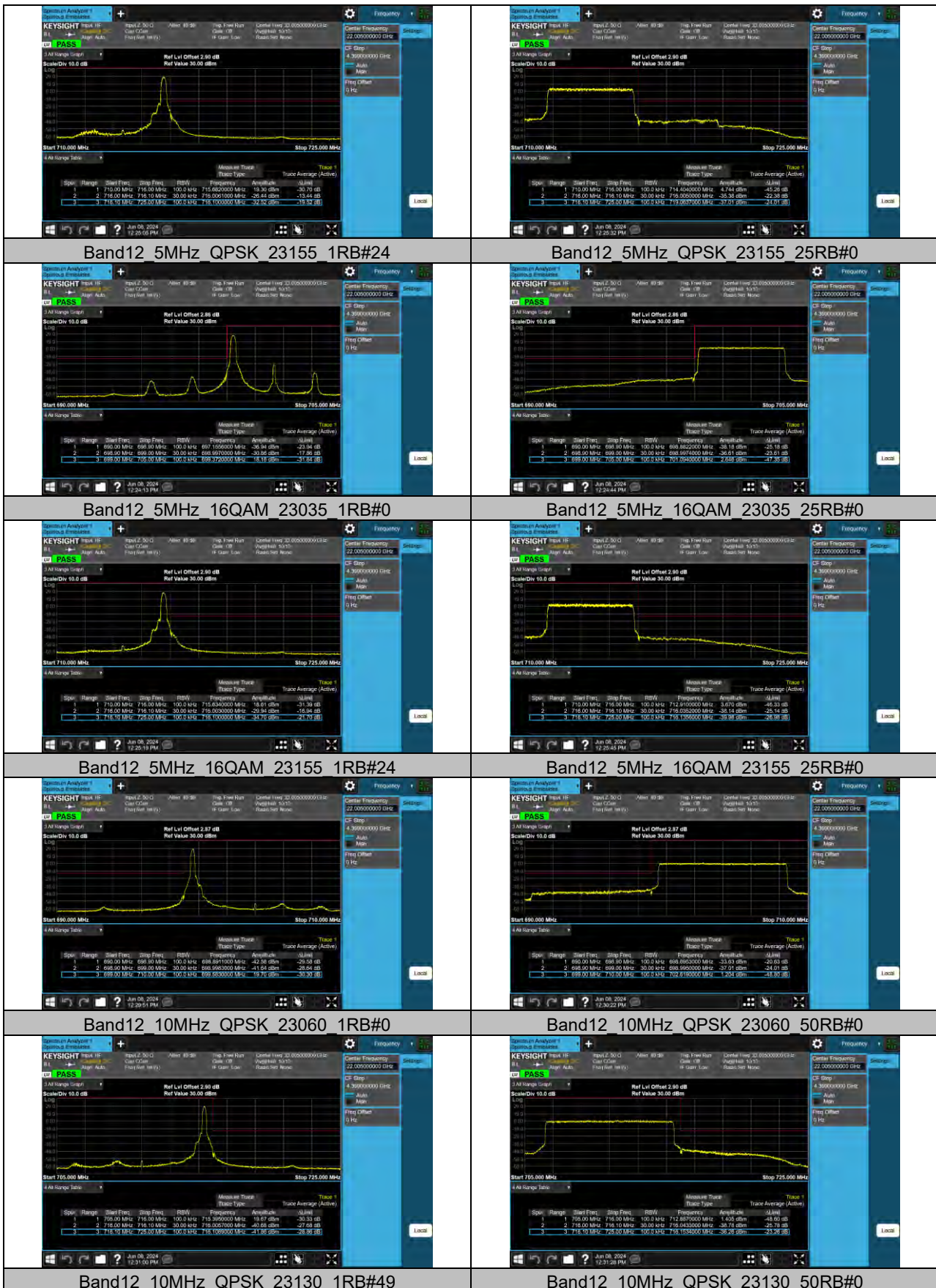
Reference No.: W7L-P24050018RF06





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VERITAS

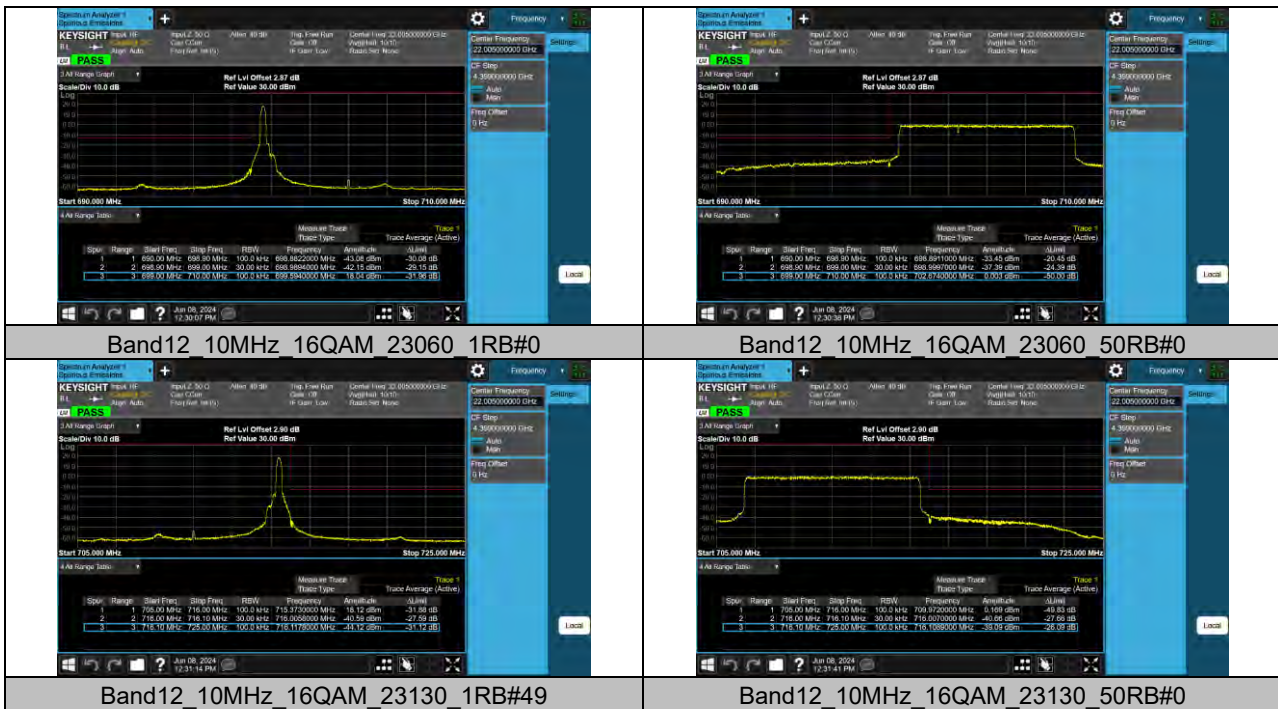
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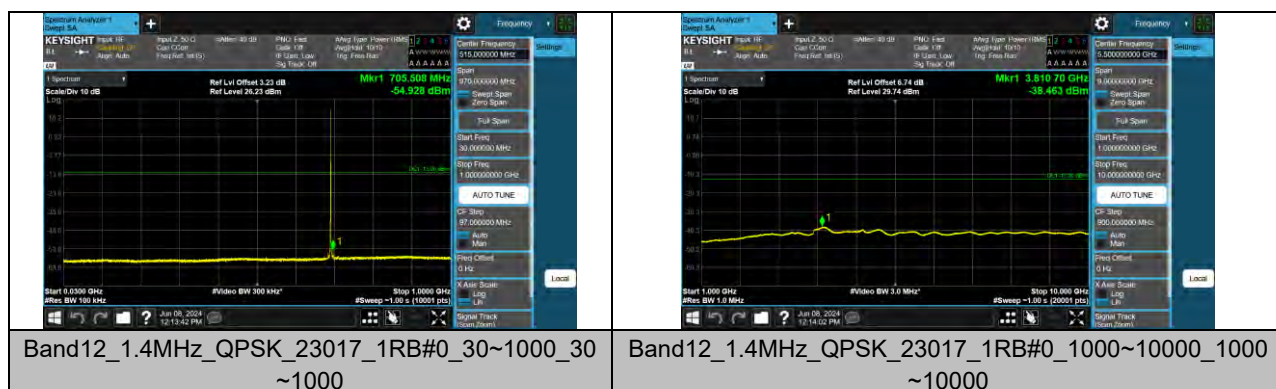
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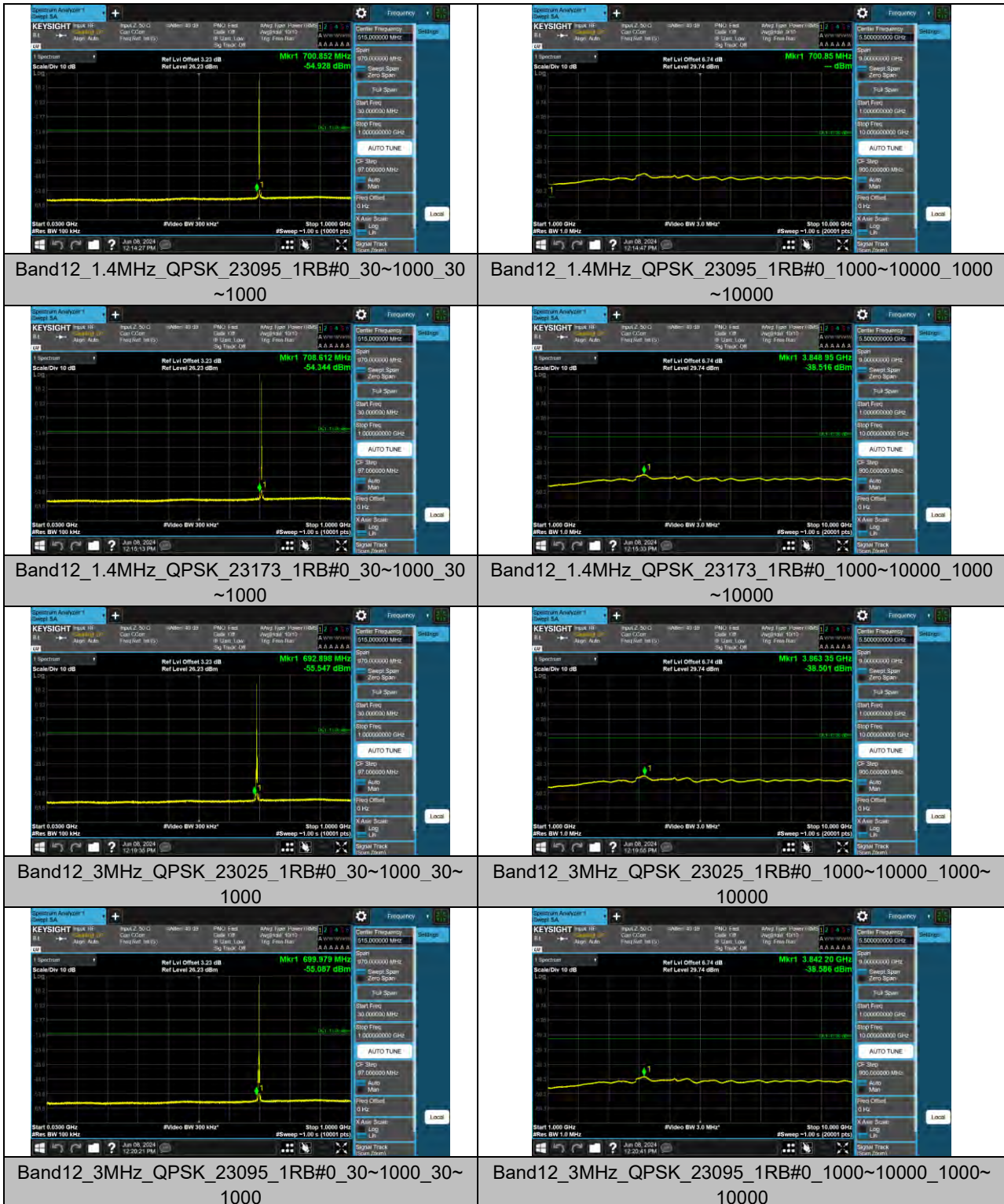


CONDUCTED SPURIOUS EMISSION TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	-54.93	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~10000	-38.46	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	-54.93	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~10000	-38.56	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	-54.34	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~10000	-38.52	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-55.55	PASS
Band12	3MHz	QPSK	23025	1RB#0	1000~10000	-38.50	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	-55.09	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~10000	-38.59	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	-54.25	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~10000	-38.47	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	-57.22	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~10000	-38.47	PASS
Band12	5MHz	QPSK	23095	1RB#0	30~1000	-57.23	PASS
Band12	5MHz	QPSK	23095	1RB#0	1000~10000	-38.44	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	-57.34	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~10000	-38.45	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	-57.43	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~10000	-38.30	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	-57.47	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~10000	-38.40	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	-57.35	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~10000	-38.31	PASS

TEST GRAPHS







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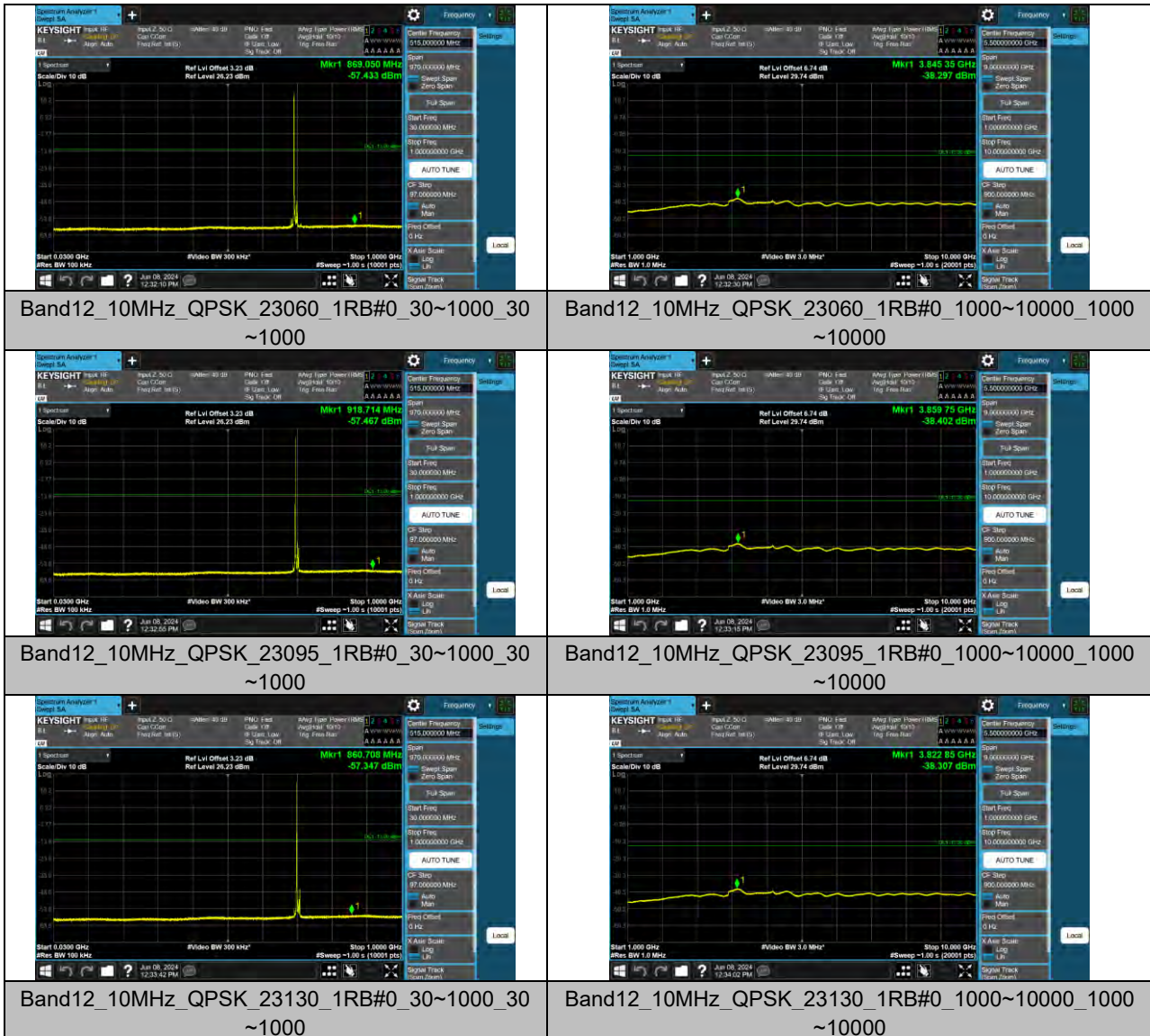
Reference No.: W7L-P24050018RF06





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Reference No.: W7L-P24050018RF06





Reference No.: W7L-P24050018RF06

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
Band1 2	10MHz	QPSK	23060	50RB #0	VN	NT	-1096.80	-1.557956	699.53291	---	699-716	PASS
Band1 2	10MHz	QPSK	23060	50RB #0	VL	NT	1117.68	1.587611	699.52271	---	699-716	PASS
Band1 2	10MHz	QPSK	23060	50RB #0	VH	NT	-1295.68	-1.840451	699.52972	---	699-716	PASS
Band1 2	10MHz	QPSK	23130	50RB #0	VN	NT	983.86	1.383768	---	715.46094	699-716	PASS
Band1 2	10MHz	QPSK	23130	50RB #0	VL	NT	-1050.91	-1.478073	---	715.46729	699-716	PASS
Band1 2	10MHz	QPSK	23130	50RB #0	VH	NT	-1048.82	-1.475130	---	715.46577	699-716	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band1 2	10MHz	QPSK	23060	50RB #0	NV	-30	-1064.83	-1.512549	699.51979	---	699-716	PASS
Band1 2	10MHz	QPSK	23060	50RB #0	NV	-20	1241.83	1.763966	699.52503	---	699-716	PASS
Band1 2	10MHz	QPSK	23060	50RB #0	NV	-10	-1256.93	-1.785416	699.52867	---	699-716	PASS
Band1 2	10MHz	QPSK	23060	50RB #0	NV	0	-1342.01	-1.906266	699.52154	---	699-716	PASS
Band1 2	10MHz	QPSK	23060	50RB #0	NV	10	1209.00	1.717332	699.52111	---	699-716	PASS
Band1 2	10MHz	QPSK	23060	50RB #0	NV	20	-1253.47	-1.780499	699.52721	---	699-716	PASS
Band1 2	10MHz	QPSK	23060	50RB #0	NV	30	1188.67	1.688454	699.52007	---	699-716	PASS
Band1 2	10MHz	QPSK	23060	50RB #0	NV	40	1167.36	1.658185	699.52243	---	699-716	PASS
Band1 2	10MHz	QPSK	23060	50RB #0	NV	50	-1214.44	-1.725056	699.5308	---	699-716	PASS
Band1 2	10MHz	QPSK	23130	50RB #0	NV	-30	915.12	1.287089	---	715.46537	699-716	PASS
Band1 2	10MHz	QPSK	23130	50RB #0	NV	-20	-1058.62	-1.488915	---	715.46574	699-716	PASS
Band1 2	10MHz	QPSK	23130	50RB #0	NV	-10	-1122.88	-1.579295	---	715.46351	699-716	PASS
Band1	10MHz	QPSK	23130	50RB	NV	0	1051.	1.479	---	715.4	699-7	PASS



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VERITAS

Reference No.: W7L-P24050018RF06

2	z			#0			93	507		6448	16	
Band1 2	10MH z	QPSK	23130	50RB #0	NV	10	1200. 28	1.688 164	---	715.4 6373	699-7 16	PASS
Band1 2	10MH z	QPSK	23130	50RB #0	NV	20	-437.1 6	-0.614 848	---	715.4 6857	699-7 16	PASS
Band1 2	10MH z	QPSK	23130	50RB #0	NV	30	-496.9 8	-0.698 988	---	715.4 6579	699-7 16	PASS
Band1 2	10MH z	QPSK	23130	50RB #0	NV	40	-1401. 14	-1.970 656	---	715.4 6496	699-7 16	PASS
Band1 2	10MH z	QPSK	23130	50RB #0	NV	50	-1469. 84	-2.067 283	---	715.4 6486	699-7 16	PASS



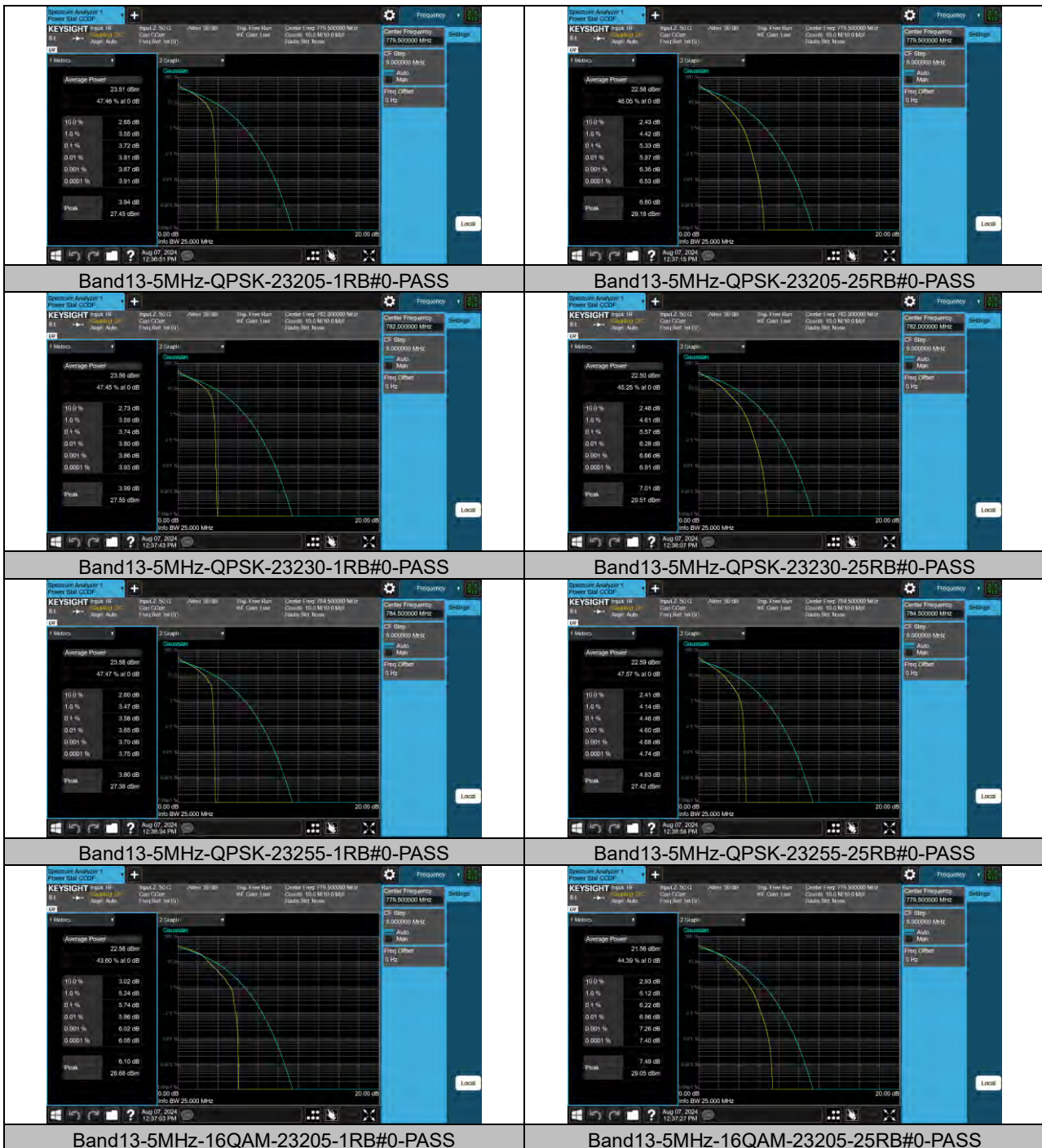
Reference No.: W7L-P24050018RF06

LTE BAND 13

PEAK-TO-AVERAGE RATIO(CCDF) TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	3.72	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	5.33	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	3.74	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.57	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	3.58	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.48	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	5.74	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	6.22	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	5.76	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.25	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	5.64	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	5.55	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	3.75	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.41	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	5.62	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.18	13	PASS

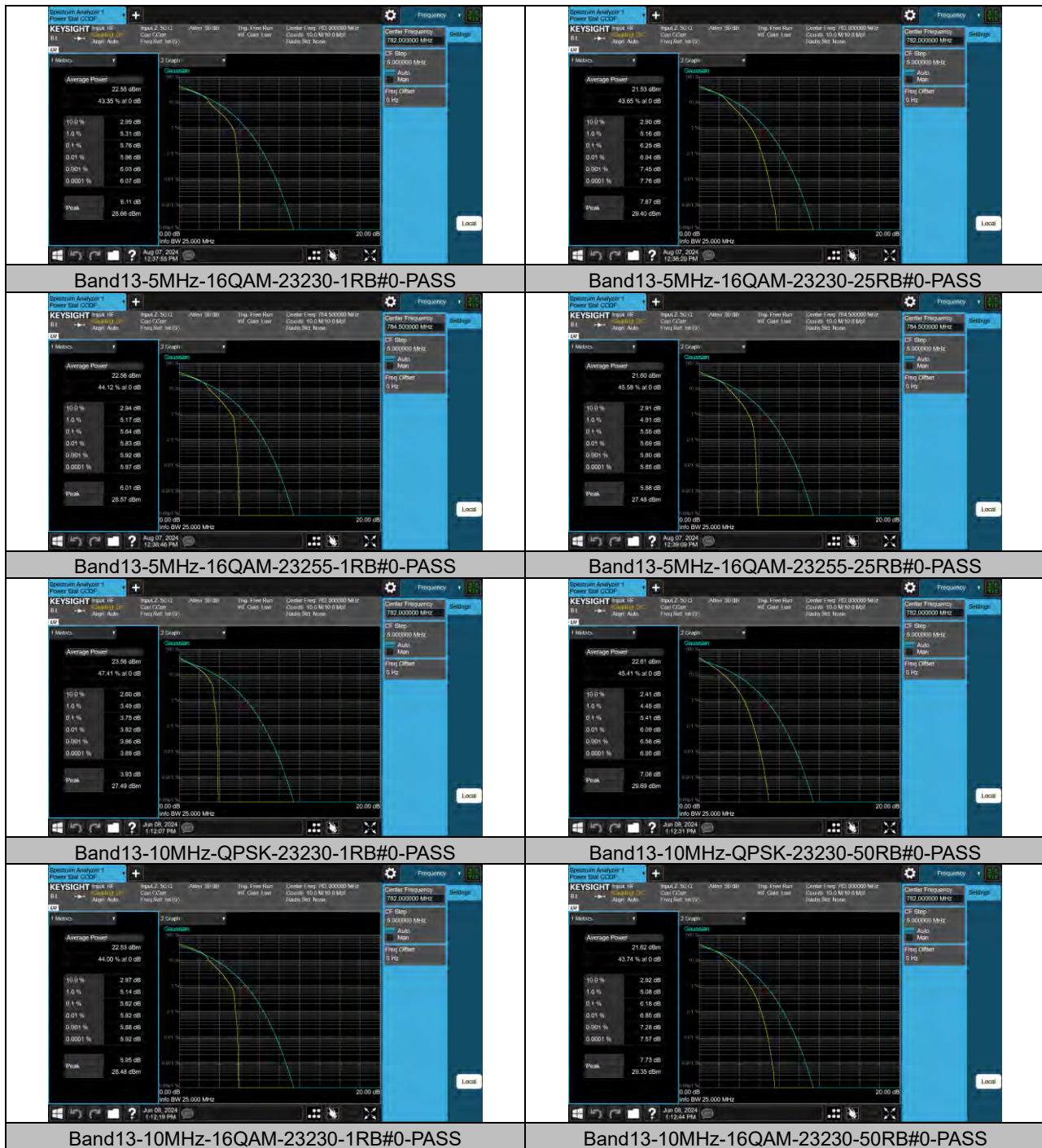
TEST GRAPHS





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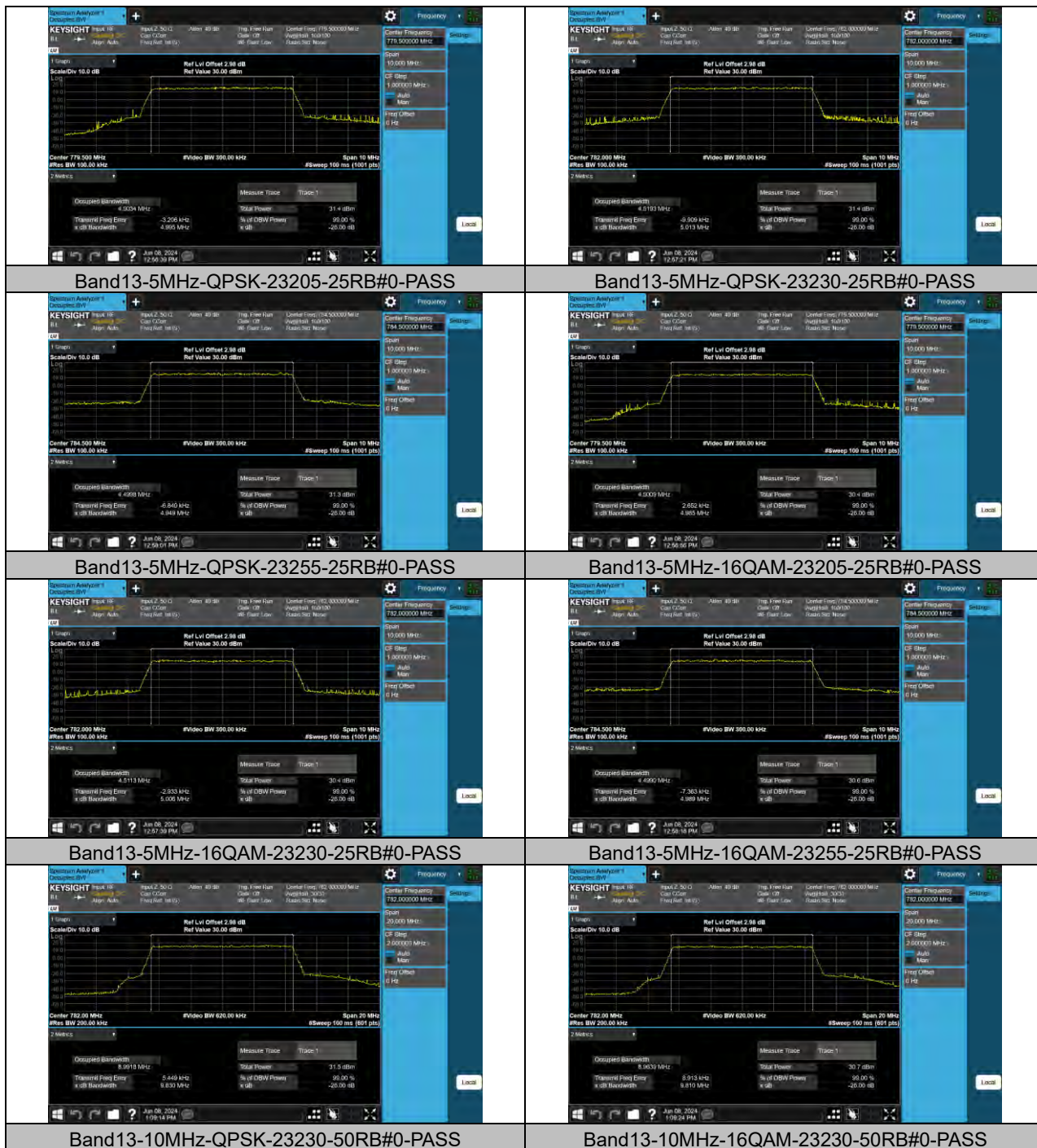
Reference No.: W7L-P24050018RF06



26DB BANDWIDTH AND OCCUPIED BANDWIDTH TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.5034	4.995	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.5193	5.013	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.4998	4.949	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.5009	4.985	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5113	5.006	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.4990	4.989	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9918	9.830	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9639	9.810	PASS

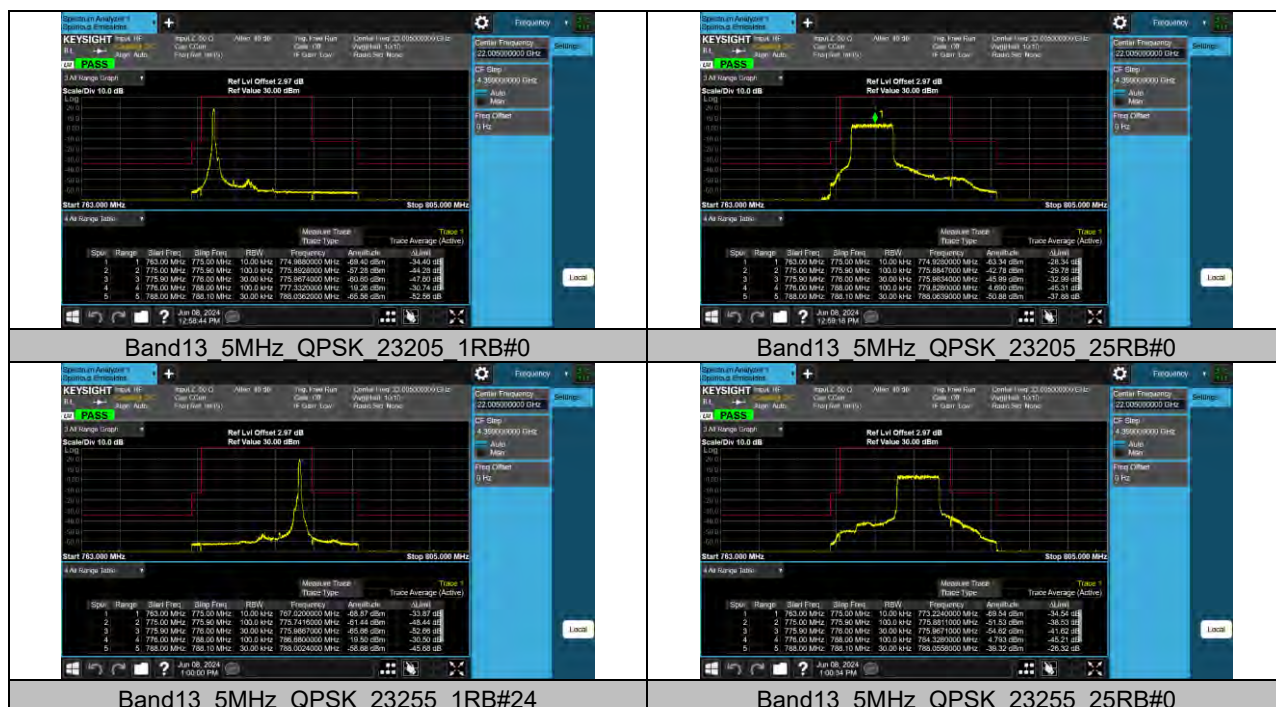
TEST GRAPHS



BAND EDGE TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-68.86	PASS
Band13	5MHz	QPSK	23205	25RB#0	-63.34	PASS
Band13	5MHz	QPSK	23255	1RB#24	-68.39	PASS
Band13	5MHz	QPSK	23255	25RB#0	-35.47	PASS
Band13	5MHz	16QAM	23205	1RB#0	-69.30	PASS
Band13	5MHz	16QAM	23205	25RB#0	-64.12	PASS
Band13	5MHz	16QAM	23255	1RB#24	-68.09	PASS
Band13	5MHz	16QAM	23255	25RB#0	-38.14	PASS
Band13	10MHz	QPSK	23230	1RB#0	-68.83	PASS
Band13	10MHz	QPSK	23230	1RB#49	-68.26	PASS
Band13	10MHz	QPSK	23230	50RB#0	-37.57	PASS
Band13	10MHz	16QAM	23230	1RB#0	-68.90	PASS
Band13	10MHz	16QAM	23230	1RB#49	-68.92	PASS
Band13	10MHz	16QAM	23230	50RB#0	-38.76	PASS

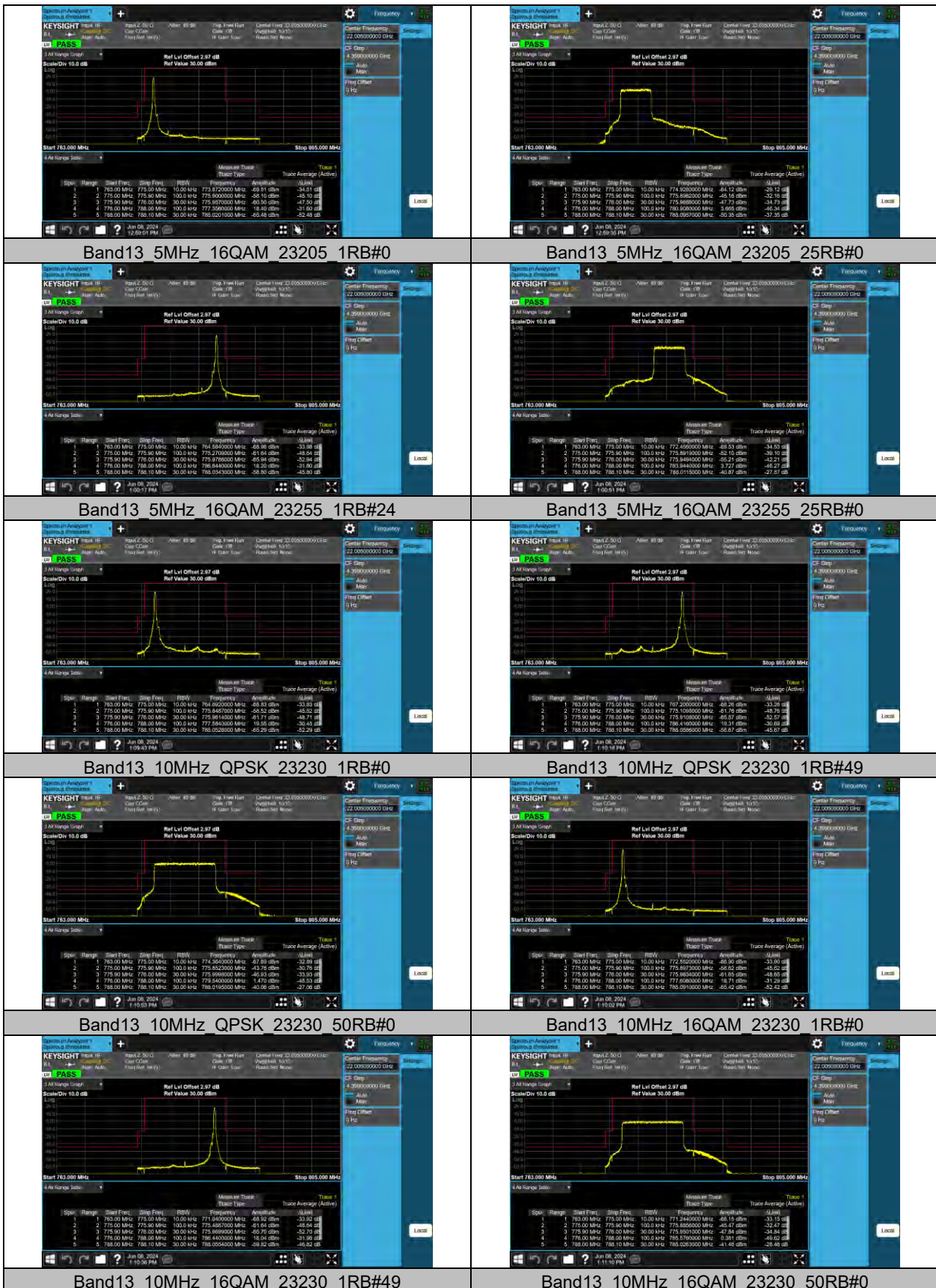
TEST GRAPHS





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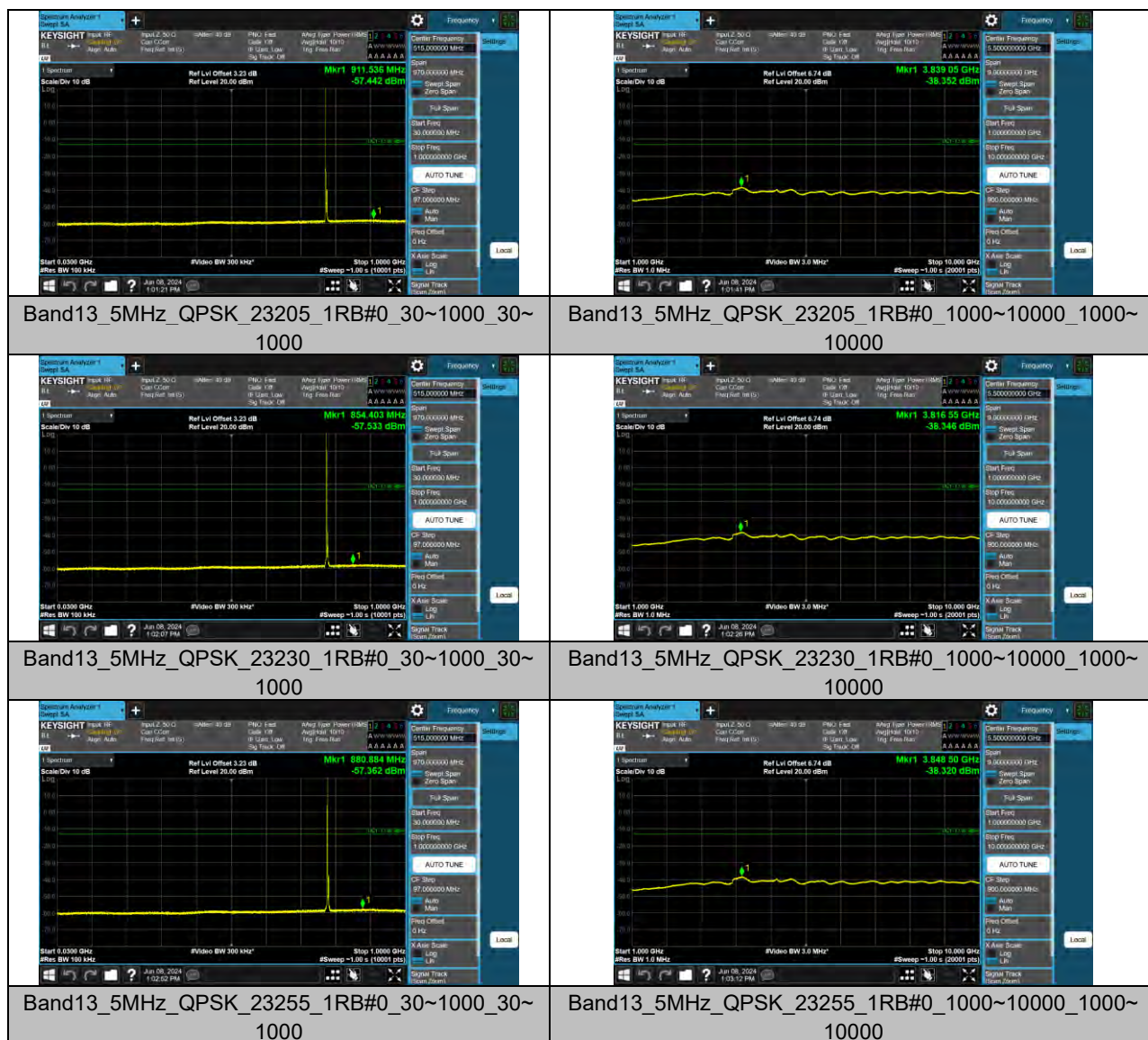
Reference No.: W7L-P24050018RF06



CONDUCTED SPURIOUS EMISSION TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	30~1000	-57.44	PASS
Band13	5MHz	QPSK	23205	1RB#0	1000~10000	-38.35	PASS
Band13	5MHz	QPSK	23230	1RB#0	30~1000	-57.53	PASS
Band13	5MHz	QPSK	23230	1RB#0	1000~10000	-38.35	PASS
Band13	5MHz	QPSK	23255	1RB#0	30~1000	-57.36	PASS
Band13	5MHz	QPSK	23255	1RB#0	1000~10000	-38.32	PASS
Band13	10MHz	QPSK	23230	1RB#0	30~1000	-57.25	PASS
Band13	10MHz	QPSK	23230	1RB#0	1000~10000	-38.31	PASS

TEST GRAPHS





Reference No.: W7L-P24050018RF06



Band13_10MHz_QPSK_23230_1RB#0_30~1000_30
~1000



Band13_10MHz_QPSK_23230_1RB#0_1000~10000_1000
~10000

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
Band13	5MHz	QPSK	23205	25RB #0	VN	NT	-943.50	-1.206527	777.2666	---	777-787	PASS
Band13	5MHz	QPSK	23205	25RB #0	VL	NT	290.00	0.372033	777.26184	---	777-787	PASS
Band13	5MHz	QPSK	23205	25RB #0	VH	NT	-710.00	-0.910840	777.26089	---	777-787	PASS
Band13	5MHz	QPSK	23255	25RB #0	VN	NT	953.65	1.337521	---	786.73419	777-787	PASS
Band13	5MHz	QPSK	23255	25RB #0	VL	NT	-1002.11	-1.405487	---	786.73452	777-787	PASS
Band13	5MHz	QPSK	23255	25RB #0	VH	NT	-1053.19	-1.477124	---	786.7343	777-787	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB #0	NV	-30	1040.00	1.334189	777.26404	---	777-787	PASS
Band13	5MHz	QPSK	23205	25RB #0	NV	-20	1900.00	2.437460	777.265	---	777-787	PASS
Band13	5MHz	QPSK	23205	25RB #0	NV	-10	930.00	1.193072	777.26343	---	777-787	PASS
Band13	5MHz	QPSK	23205	25RB #0	NV	0	-1370.00	-1.757537	777.26088	---	777-787	PASS
Band13	5MHz	QPSK	23205	25RB #0	NV	10	910.00	1.167415	777.26326	---	777-787	PASS
Band13	5MHz	QPSK	23205	25RB #0	NV	20	520.00	0.667094	777.26427	---	777-787	PASS
Band13	5MHz	QPSK	23205	25RB #0	NV	30	-920.00	-1.180244	777.26068	---	777-787	PASS
Band13	5MHz	QPSK	23205	25RB #0	NV	40	-570.00	-0.731238	777.26093	---	777-787	PASS
Band13	5MHz	QPSK	23205	25RB #0	NV	50	30.00	0.038486	777.26313	---	777-787	PASS
Band13	5MHz	QPSK	23255	25RB #0	NV	-30	1003.30	1.407146	---	786.73489	777-787	PASS
Band13	5MHz	QPSK	23255	25RB #0	NV	-20	-1133.57	-1.589864	---	786.73545	777-787	PASS
Band13	5MHz	QPSK	23255	25RB #0	NV	-10	-1191.36	-1.670913	---	786.73369	777-787	PASS
Band13	5MHz	QPSK	23255	25RB #0	NV	0	1149.9	1.612	---	786.7	777-787	PASS



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VERITAS

Reference No.: W7L-P24050018RF06

3				#0			8	870		3288	87	
Band1 3	5MHz	QPSK	23255	25RB #0	NV	10	1267. 16	1.777 217	---	786.7 3594	777-7 87	PASS
Band1 3	5MHz	QPSK	23255	25RB #0	NV	20	-334.5 7	-0.469 250	---	786.7 3325	777-7 87	PASS
Band1 3	5MHz	QPSK	23255	25RB #0	NV	30	-338.6 7	-0.474 986	---	786.7 3457	777-7 87	PASS
Band1 3	5MHz	QPSK	23255	25RB #0	NV	40	-1413. 96	-1.983 119	---	786.7 346	777-7 87	PASS
Band1 3	5MHz	QPSK	23255	25RB #0	NV	50	-1388. 91	-1.947 983	---	786.7 3595	777-7 87	PASS



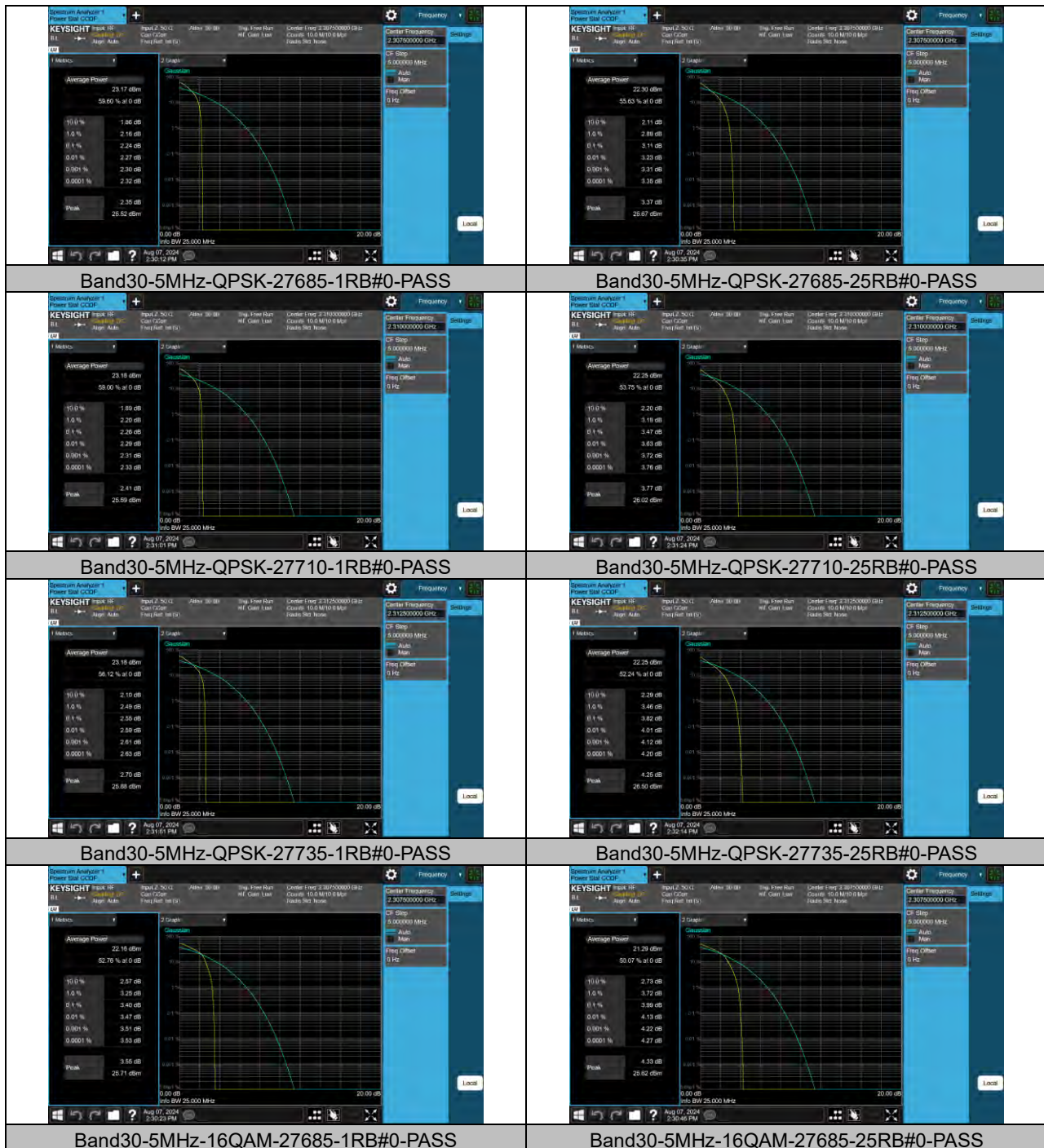
Reference No.: W7L-P24050018RF06

LTE BAND 30

PEAK-TO-AVERAGE RATIO(CCDF) TEST RESULT

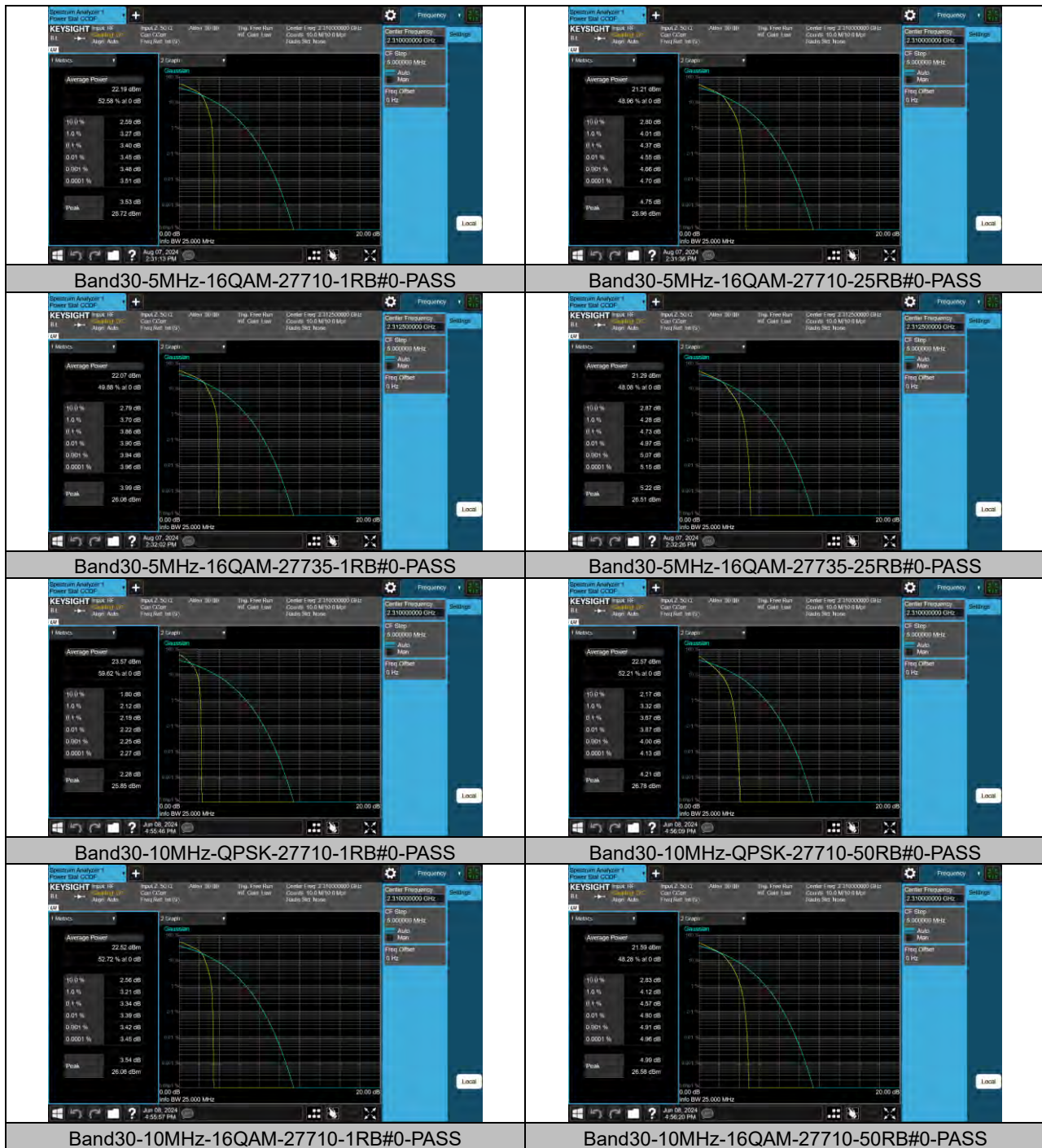
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band30	5MHz	QPSK	27685	1RB#0	2.24	13	PASS
Band30	5MHz	QPSK	27685	25RB#0	3.11	13	PASS
Band30	5MHz	QPSK	27710	1RB#0	2.26	13	PASS
Band30	5MHz	QPSK	27710	25RB#0	3.47	13	PASS
Band30	5MHz	QPSK	27735	1RB#0	2.55	13	PASS
Band30	5MHz	QPSK	27735	25RB#0	3.82	13	PASS
Band30	5MHz	16QAM	27685	1RB#0	3.40	13	PASS
Band30	5MHz	16QAM	27685	25RB#0	3.99	13	PASS
Band30	5MHz	16QAM	27710	1RB#0	3.40	13	PASS
Band30	5MHz	16QAM	27710	25RB#0	4.37	13	PASS
Band30	5MHz	16QAM	27735	1RB#0	3.86	13	PASS
Band30	5MHz	16QAM	27735	25RB#0	4.73	13	PASS
Band30	10MHz	QPSK	27710	1RB#0	2.19	13	PASS
Band30	10MHz	QPSK	27710	50RB#0	3.67	13	PASS
Band30	10MHz	16QAM	27710	1RB#0	3.34	13	PASS
Band30	10MHz	16QAM	27710	50RB#0	4.57	13	PASS

TEST GRAPHS





Reference No.: W7L-P24050018RF06



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	4.5142	4.987	PASS
Band30	5MHz	QPSK	27710	25RB#0	4.5273	5.070	PASS
Band30	5MHz	QPSK	27735	25RB#0	4.5055	4.972	PASS
Band30	5MHz	16QAM	27685	25RB#0	4.5189	4.988	PASS
Band30	5MHz	16QAM	27710	25RB#0	4.5209	5.027	PASS
Band30	5MHz	16QAM	27735	25RB#0	4.5103	4.996	PASS
Band30	10MHz	QPSK	27710	50RB#0	9.0143	9.923	PASS
Band30	10MHz	16QAM	27710	50RB#0	9.0183	9.835	PASS