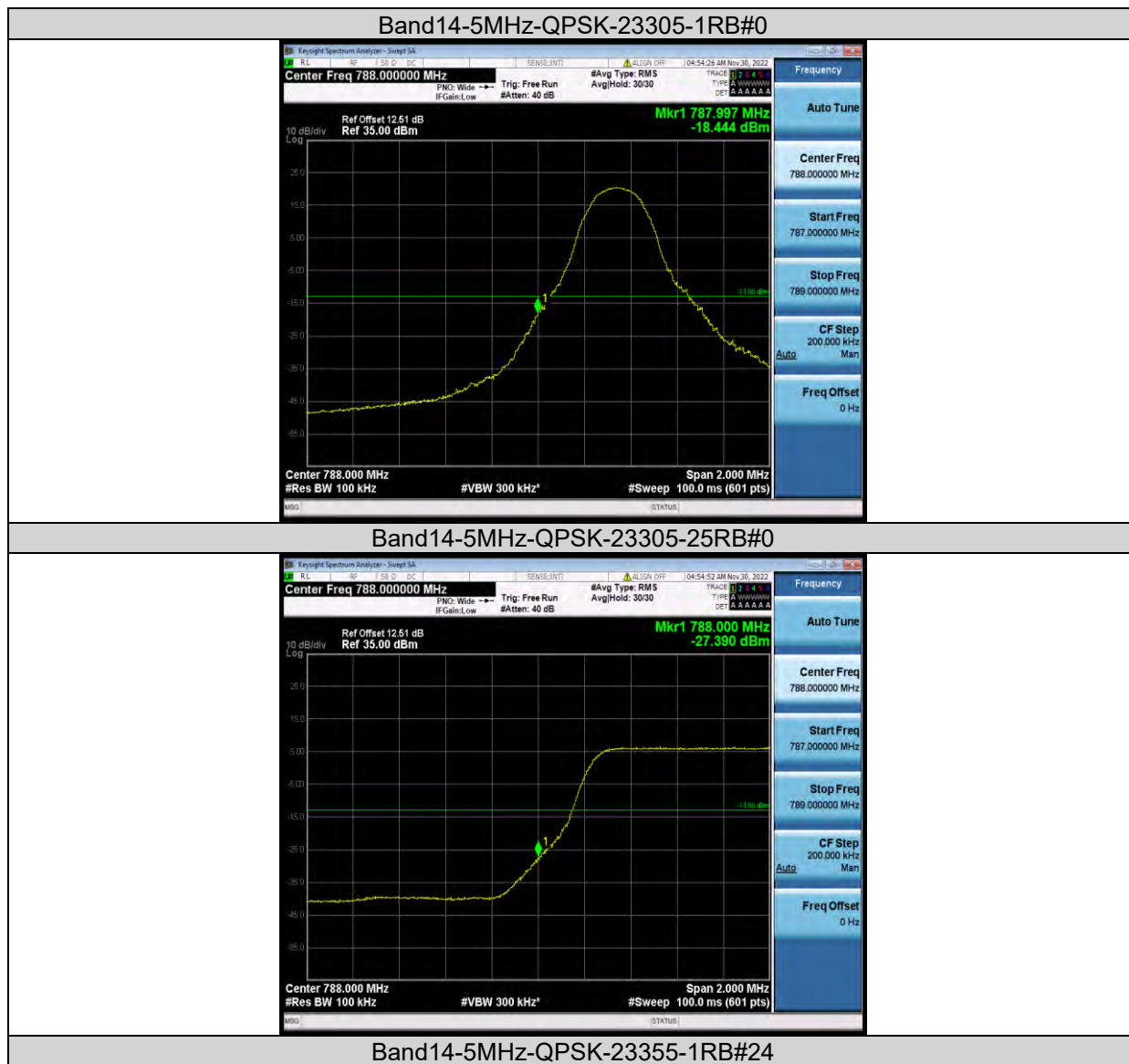


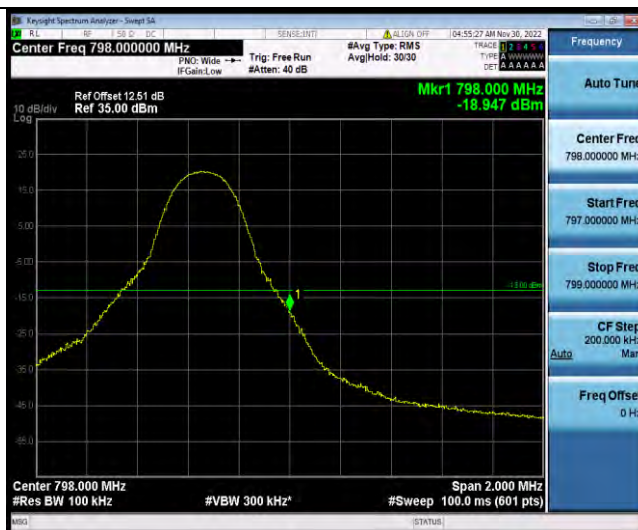
Test Graphs





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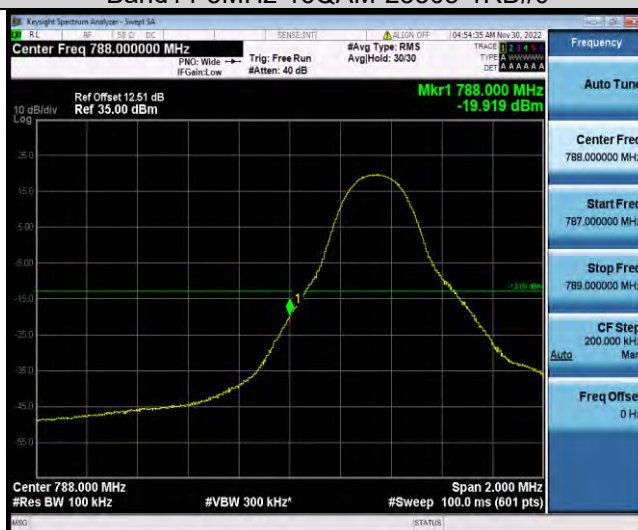
Test Report No.: W7L-P23030016RF09



Band14-5MHz-QPSK-23355-25RB#0



Band14-5MHz-16QAM-23305-1RB#0



Band14-5MHz-16QAM-23305-25RB#0

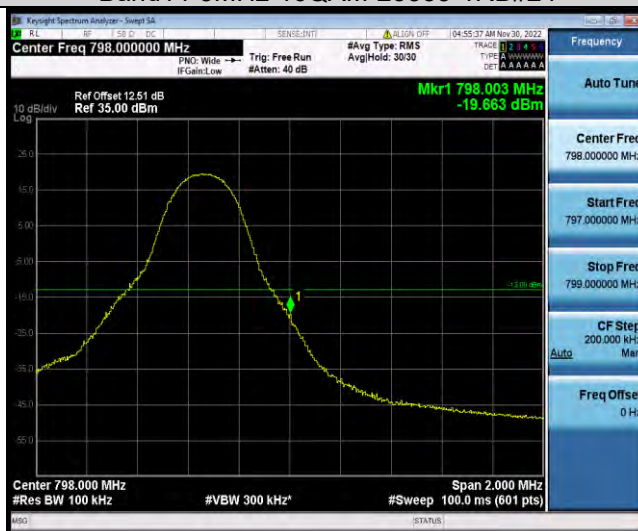


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Test Report No.: W7L-P23030016RF09



Band14-5MHz-16QAM-23355-1RB#24



Band14-5MHz-16QAM-23355-25RB#0

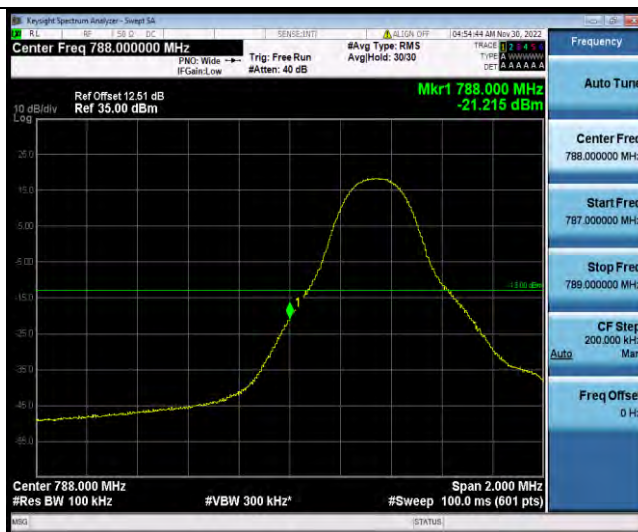


Band14-5MHz-64QAM-23305-1RB#0



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Test Report No.: W7L-P23030016RF09



Band14-5MHz-64QAM-23305-25RB#0



Band14-5MHz-64QAM-23355-1RB#24



Band14-5MHz-64QAM-23355-25RB#0

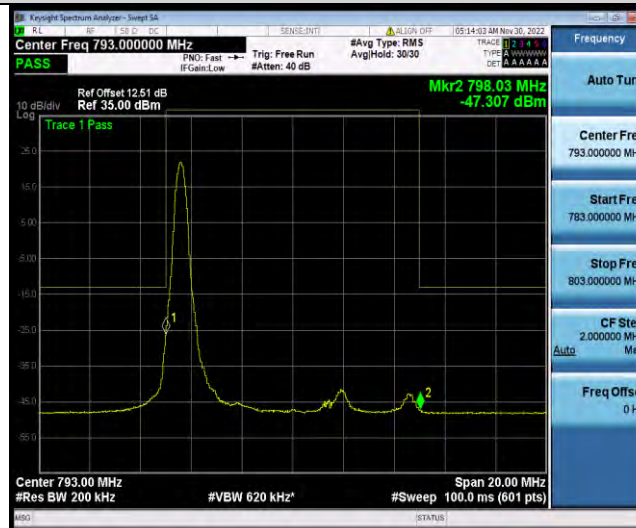


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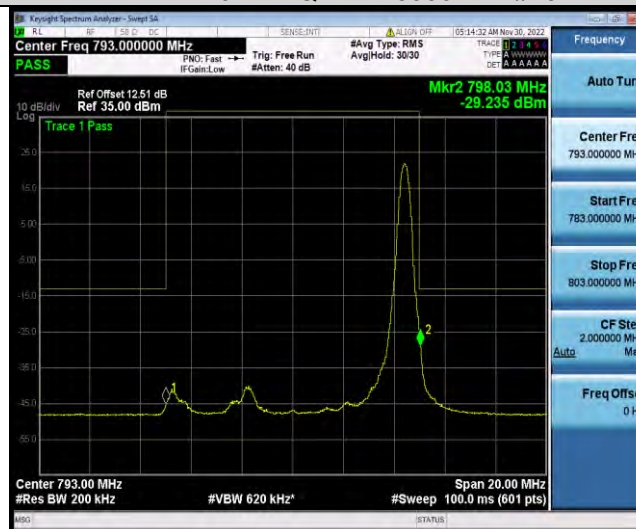
Test Report No.: W7L-P23030016RF09



Band14-10MHz-QPSK-23330-1RB#0



Band14-10MHz-QPSK-23330-1RB#49



Band14-10MHz-QPSK-23330-50RB#0

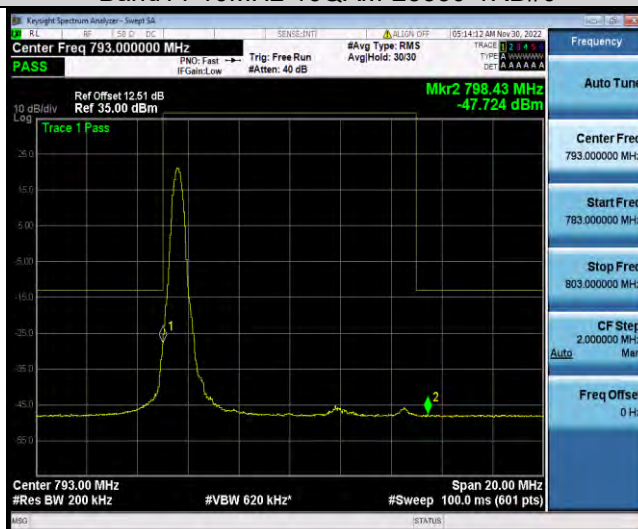


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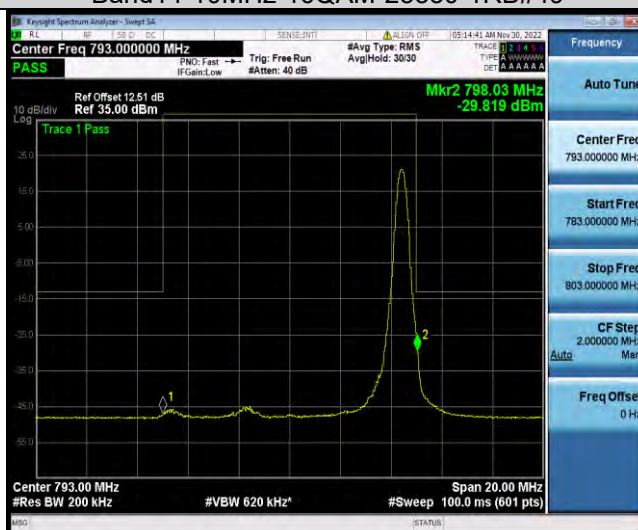
Test Report No.: W7L-P23030016RF09



Band14-10MHz-16QAM-23330-1RB#0



Band14-10MHz-16QAM-23330-1RB#49



Band14-10MHz-16QAM-23330-50RB#0

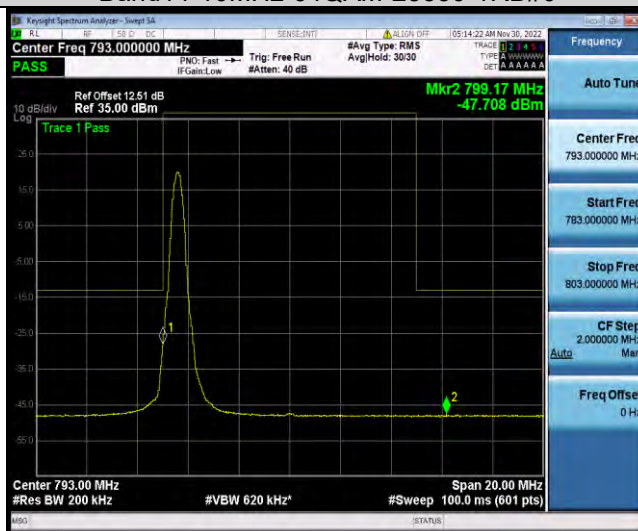


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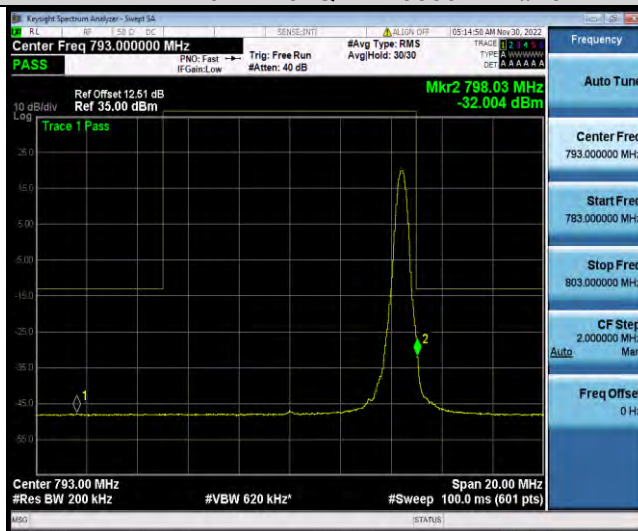
Test Report No.: W7L-P23030016RF09



Band14-10MHz-64QAM-23330-1RB#0



Band14-10MHz-64QAM-23330-1RB#49



Band14-10MHz-64QAM-23330-50RB#0



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Test Report No.: W7L-P23030016RF09



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Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band14	5MHz	QPSK	23305	1RB#0	Range1:30~1000MHz	-39.74	PASS
Band14	5MHz	QPSK	23305	1RB#0	Range4:769~775MHz	-52.51	PASS
Band14	5MHz	QPSK	23305	1RB#0	Range5:799~805MHz	-51.88	PASS
Band14	5MHz	QPSK	23305	1RB#0	Range2:1000~10000MHz	-34.03	PASS
Band14	5MHz	QPSK	23305	1RB#0	Range3:1559~1610MHz	-48.79	PASS
Band14	5MHz	QPSK	23330	1RB#0	Range1:30~1000MHz	-39.98	PASS
Band14	5MHz	QPSK	23330	1RB#0	Range4:769~775MHz	-52.46	PASS
Band14	5MHz	QPSK	23330	1RB#0	Range5:799~805MHz	-52.09	PASS
Band14	5MHz	QPSK	23330	1RB#0	Range2:1000~10000MHz	-34.42	PASS
Band14	5MHz	QPSK	23330	1RB#0	Range3:1559~1610MHz	-48.62	PASS
Band14	5MHz	QPSK	23355	1RB#0	Range1:30~1000MHz	-39.41	PASS
Band14	5MHz	QPSK	23355	1RB#0	Range4:769~775MHz	-51.63	PASS
Band14	5MHz	QPSK	23355	1RB#0	Range5:799~805MHz	-52.69	PASS
Band14	5MHz	QPSK	23355	1RB#0	Range2:1000~10000MHz	-34.51	PASS
Band14	5MHz	QPSK	23355	1RB#0	Range3:1559~1610MHz	-48.36	PASS
Band14	5MHz	16QAM	23305	1RB#0	Range1:30~1000MHz	-40.39	PASS
Band14	5MHz	16QAM	23305	1RB#0	Range4:769~775MHz	-52.29	PASS
Band14	5MHz	16QAM	23305	1RB#0	Range5:799~805MHz	-51.63	PASS
Band14	5MHz	16QAM	23305	1RB#0	Range2:1000~10000MHz	-34.11	PASS
Band14	5MHz	16QAM	23305	1RB#0	Range3:1559~1610MHz	-49.51	PASS
Band14	5MHz	16QAM	23330	1RB#0	Range1:30~1000MHz	-40.84	PASS
Band14	5MHz	16QAM	23330	1RB#0	Range4:769~775MHz	-52.11	PASS
Band14	5MHz	16QAM	23330	1RB#0	Range5:799~805MHz	-52.09	PASS
Band14	5MHz	16QAM	23330	1RB#0	Range2:1000~10000MHz	-33.77	PASS
Band14	5MHz	16QAM	23330	1RB#0	Range3:1559~1610MHz	-49.41	PASS
Band14	5MHz	16QAM	23355	1RB#0	Range1:30~1000MHz	-40.19	PASS
Band14	5MHz	16QAM	23355	1RB#0	Range4:769~775MHz	-52.32	PASS
Band14	5MHz	16QAM	23355	1RB#0	Range5:799~805MHz	-51.07	PASS
Band14	5MHz	16QAM	23355	1RB#0	Range2:1000~10000MHz	-34.35	PASS
Band14	5MHz	16QAM	23355	1RB#0	Range3:1559~1610MHz	-49.28	PASS
Band14	5MHz	64QAM	23305	1RB#0	Range1:30~1000MHz	-39.62	PASS
Band14	5MHz	64QAM	23305	1RB#0	Range4:769~775MHz	-53.19	PASS
Band14	5MHz	64QAM	23305	1RB#0	Range5:799~805MHz	-51.76	PASS
Band14	5MHz	64QAM	23305	1RB#0	Range2:1000~10000MHz	-34.07	PASS
Band14	5MHz	64QAM	23305	1RB#0	Range3:1559~1610MHz	-51.38	PASS
Band14	5MHz	64QAM	23330	1RB#0	Range1:30~1000MHz	-39.77	PASS
Band14	5MHz	64QAM	23330	1RB#0	Range4:769~775MHz	-52.31	PASS
Band14	5MHz	64QAM	23330	1RB#0	Range5:799~805MHz	-51.87	PASS
Band14	5MHz	64QAM	23330	1RB#0	Range2:1000~10000MHz	-34	PASS
Band14	5MHz	64QAM	23330	1RB#0	Range3:1559~1610MHz	-51.33	PASS
Band14	5MHz	64QAM	23355	1RB#0	Range1:30~1000MHz	-40.09	PASS
Band14	5MHz	64QAM	23355	1RB#0	Range4:769~775MHz	-52.58	PASS
Band14	5MHz	64QAM	23355	1RB#0	Range5:799~805MHz	-51.44	PASS
Band14	5MHz	64QAM	23355	1RB#0	Range2:1000~10000MHz	-34.33	PASS

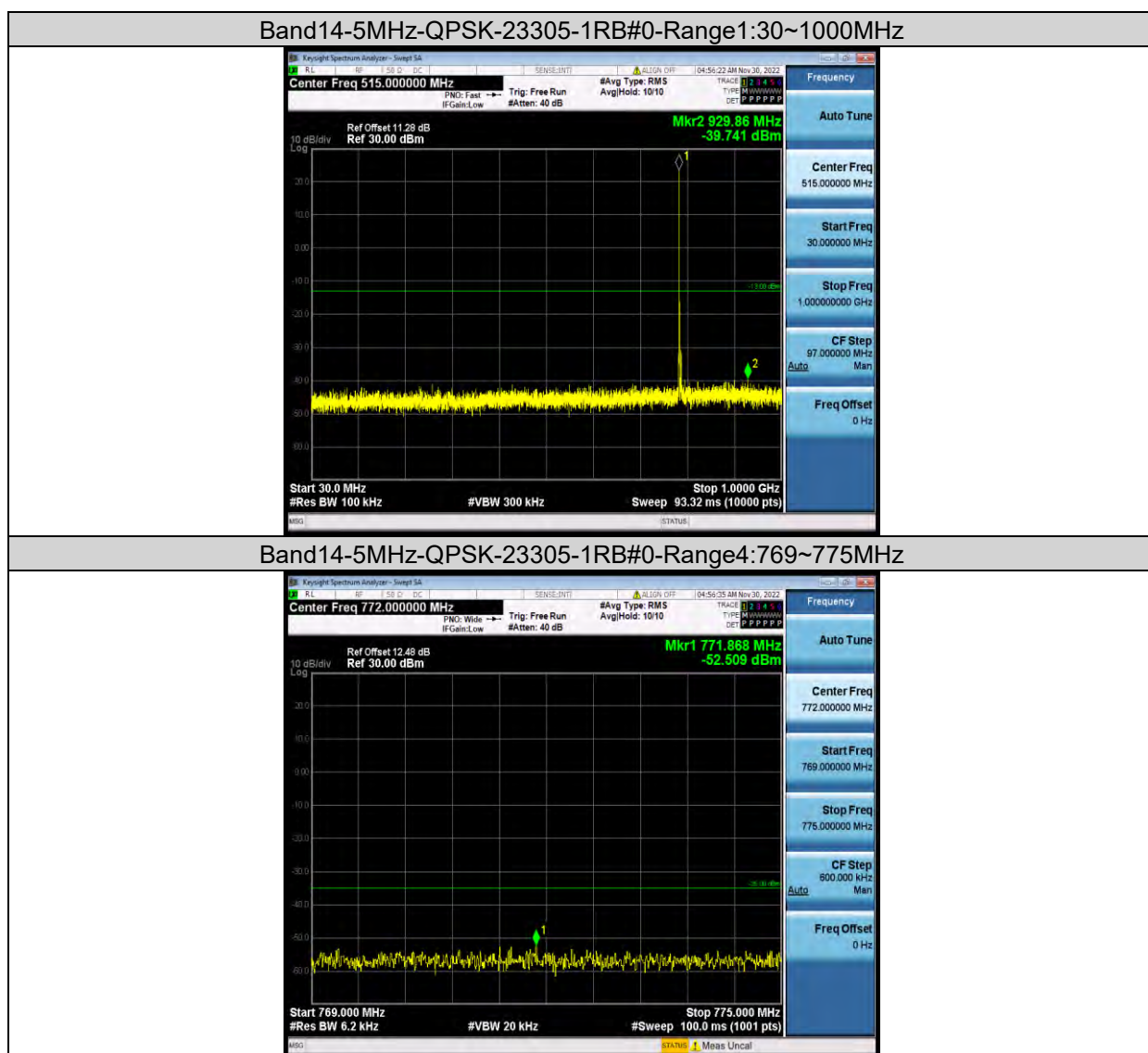


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Test Report No.: W7L-P23030016RF09

Band14	5MHz	64QAM	23355	1RB#0	Range3:1559~1610MHz	-50.54	PASS
Band14	10MHz	QPSK	23330	1RB#0	Range1:30~1000MHz	-40.28	PASS
Band14	10MHz	QPSK	23330	1RB#0	Range4:769~775MHz	-52.32	PASS
Band14	10MHz	QPSK	23330	1RB#0	Range5:799~805MHz	-51.61	PASS
Band14	10MHz	QPSK	23330	1RB#0	Range2:1000~10000MHz	-33.98	PASS
Band14	10MHz	QPSK	23330	1RB#0	Range3:1559~1610MHz	-48.95	PASS
Band14	10MHz	16QAM	23330	1RB#0	Range1:30~1000MHz	-38.7	PASS
Band14	10MHz	16QAM	23330	1RB#0	Range4:769~775MHz	-51.86	PASS
Band14	10MHz	16QAM	23330	1RB#0	Range5:799~805MHz	-51.99	PASS
Band14	10MHz	16QAM	23330	1RB#0	Range2:1000~10000MHz	-33.77	PASS
Band14	10MHz	16QAM	23330	1RB#0	Range3:1559~1610MHz	-49.33	PASS
Band14	10MHz	64QAM	23330	1RB#0	Range1:30~1000MHz	-40.31	PASS
Band14	10MHz	64QAM	23330	1RB#0	Range4:769~775MHz	-51.62	PASS
Band14	10MHz	64QAM	23330	1RB#0	Range5:799~805MHz	-52.4	PASS
Band14	10MHz	64QAM	23330	1RB#0	Range2:1000~10000MHz	-35.26	PASS
Band14	10MHz	64QAM	23330	1RB#0	Range3:1559~1610MHz	-51.34	PASS

Test Graphs

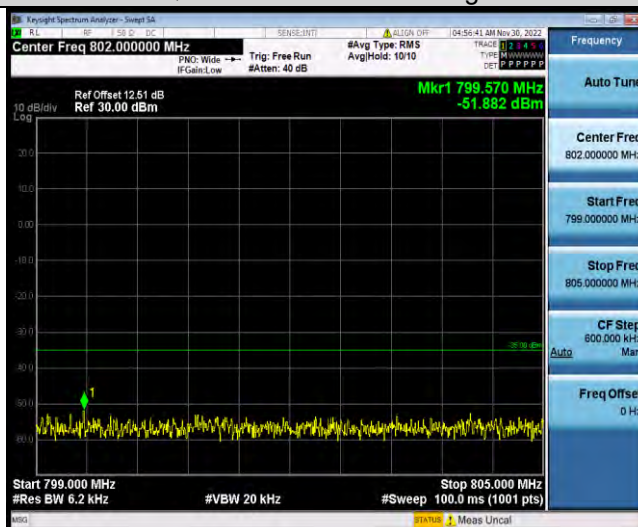




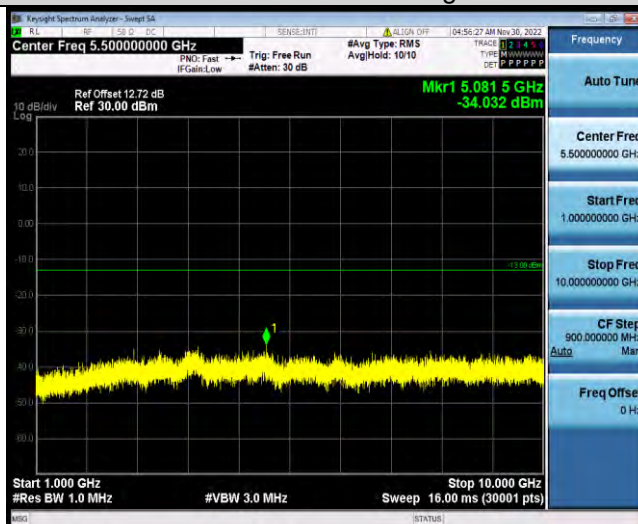
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Test Report No.: W7L-P23030016RF09

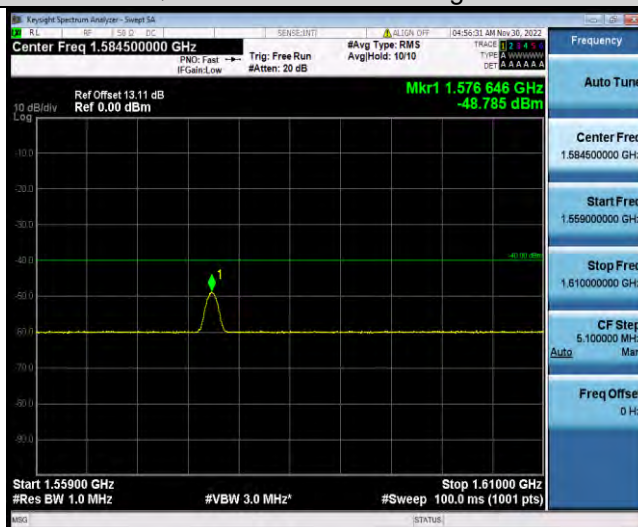
Band14-5MHz-QPSK-23305-1RB#0-Range5:799~805MHz



Band14-5MHz-QPSK-23305-1RB#0-Range2:1000~10000MHz



Band14-5MHz-QPSK-23305-1RB#0-Range3:1559~1610MHz

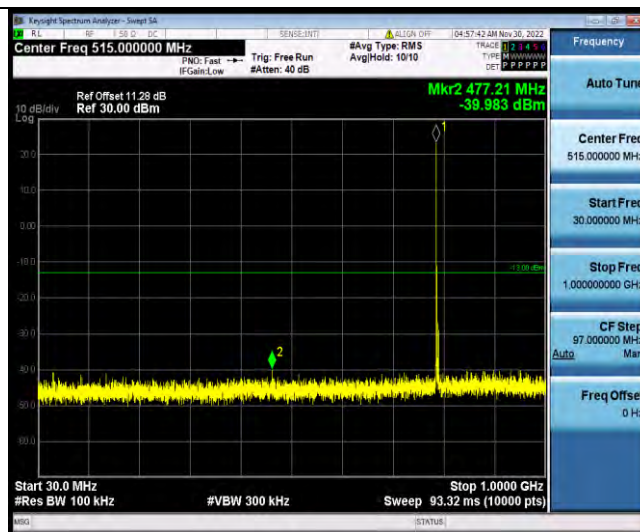


Band14-5MHz-QPSK-23330-1RB#0-Range1:30~1000MHz

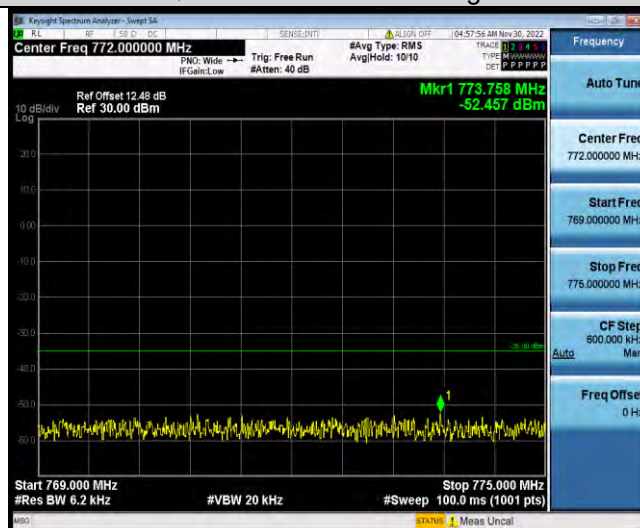


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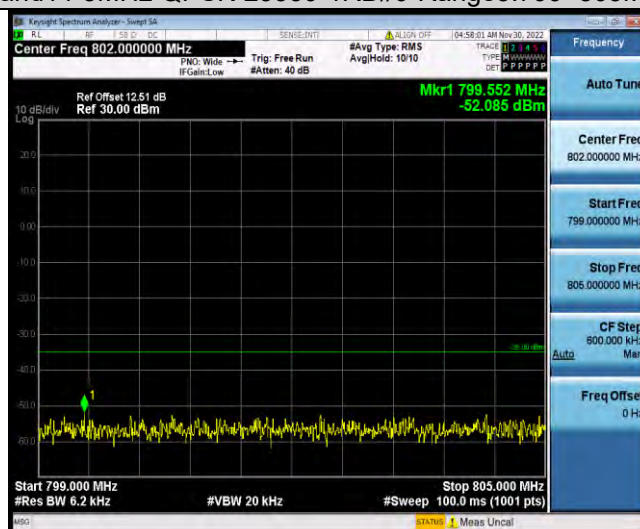
Test Report No.: W7L-P23030016RF09



Band14-5MHz-QPSK-23330-1RB#0-Range4:769~775MHz



Band14-5MHz-QPSK-23330-1RB#0-Range5:799~805MHz

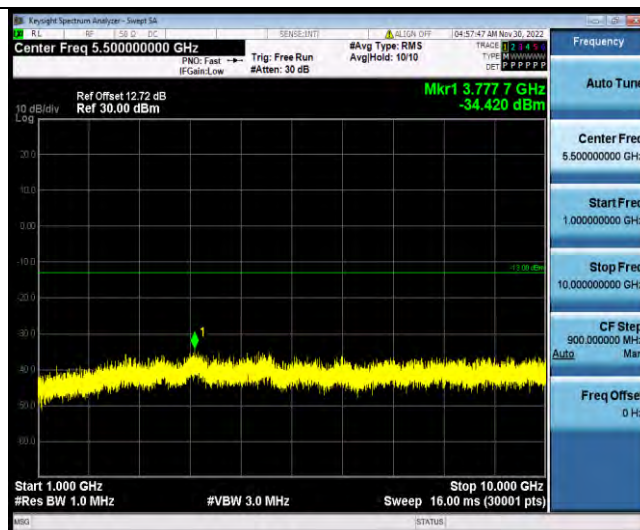


Band14-5MHz-QPSK-23330-1RB#0-Range2:1000~10000MHz

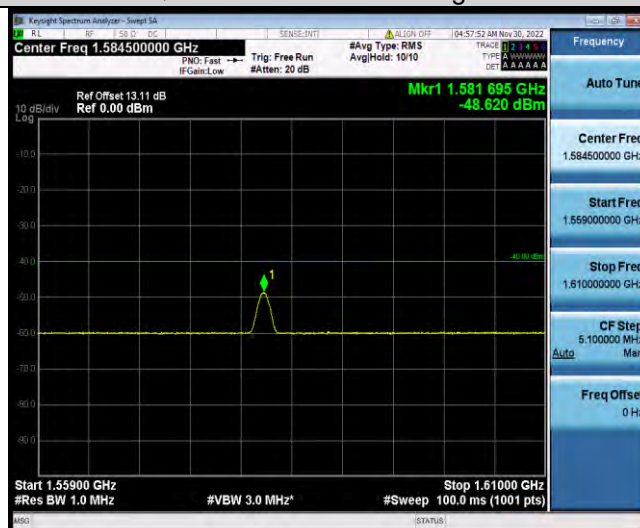


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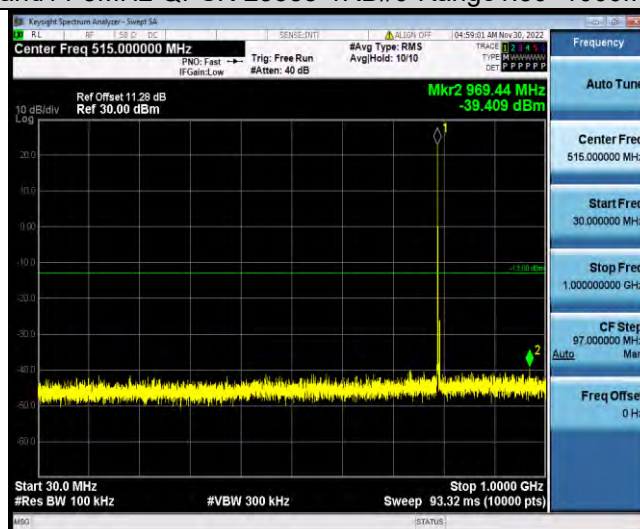
Test Report No.: W7L-P23030016RF09



Band14-5MHz-QPSK-23330-1RB#0-Range3:1559~1610MHz



Band14-5MHz-QPSK-23355-1RB#0-Range1:30~1000MHz

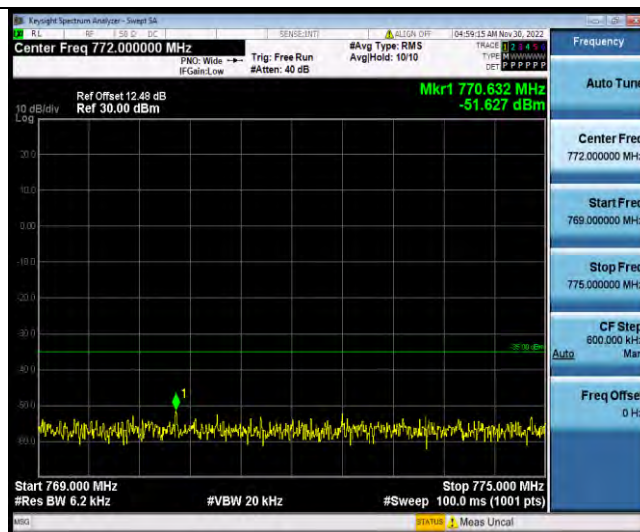


Band14-5MHz-QPSK-23355-1RB#0-Range4:769~775MHz

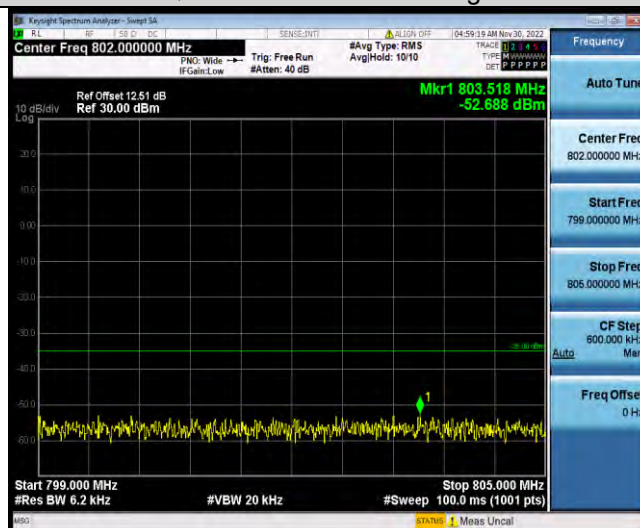


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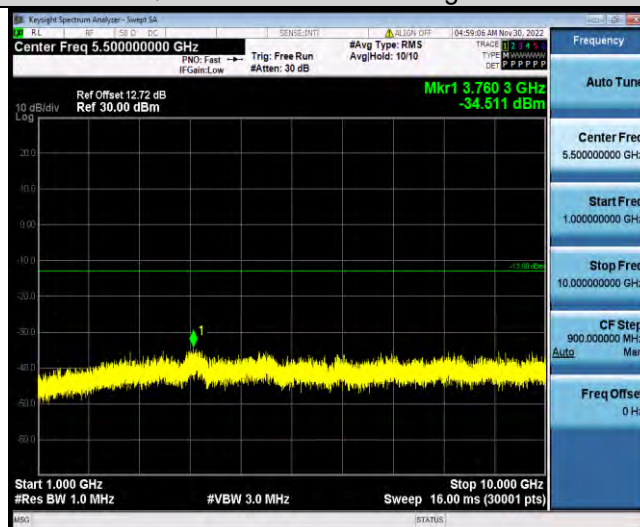
Test Report No.: W7L-P23030016RF09



Band14-5MHz-QPSK-23355-1RB#0-Range5:799~805MHz



Band14-5MHz-QPSK-23355-1RB#0-Range2:1000~10000MHz

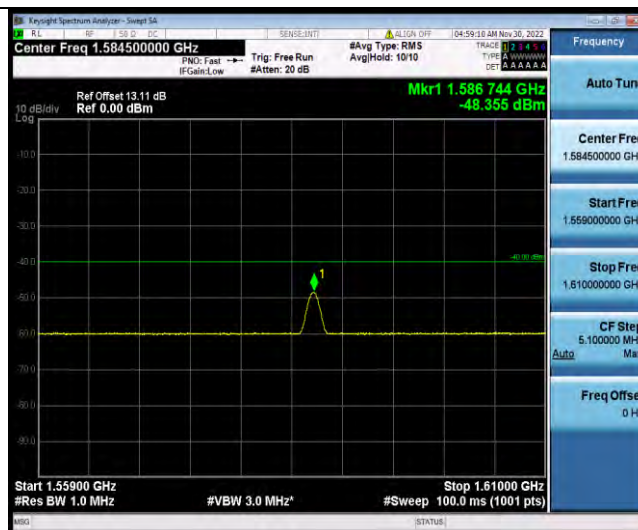


Band14-5MHz-QPSK-23355-1RB#0-Range3:1559~1610MHz

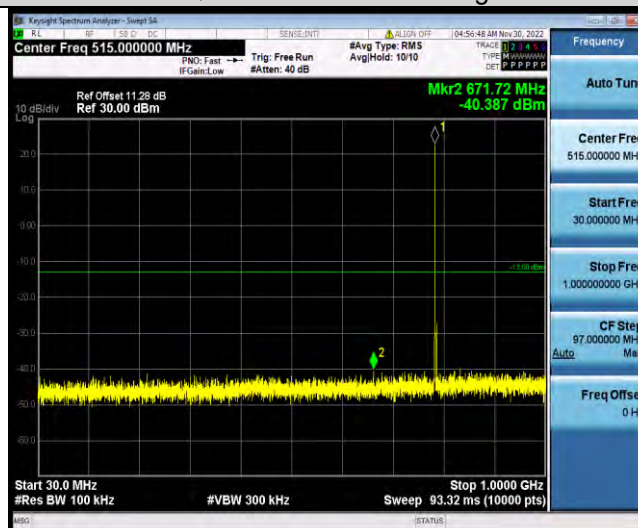


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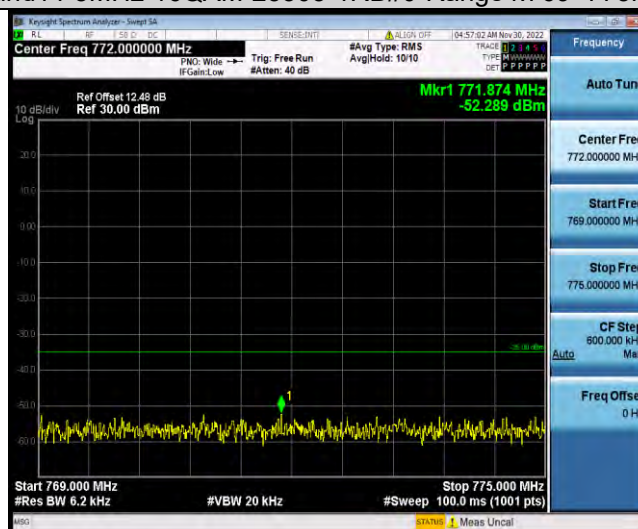
Test Report No.: W7L-P23030016RF09



Band14-5MHz-16QAM-23305-1RB#0-Range1:30~1000MHz



Band14-5MHz-16QAM-23305-1RB#0-Range4:769~775MHz

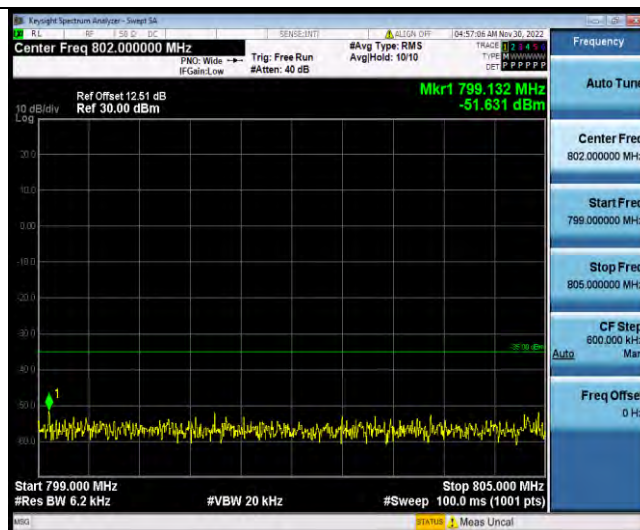


Band14-5MHz-16QAM-23305-1RB#0-Range5:799~805MHz

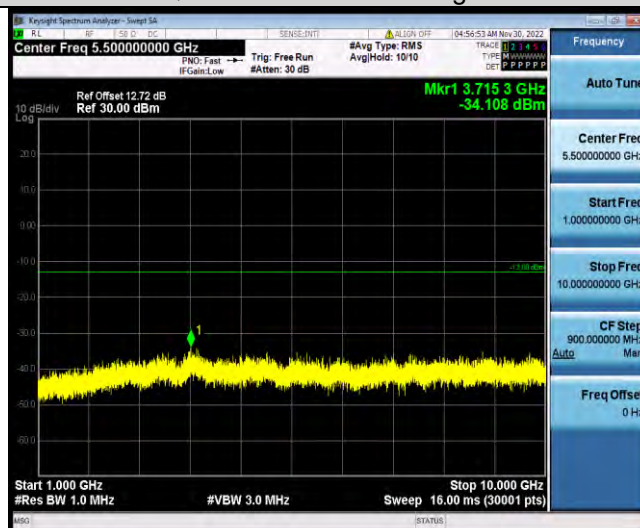


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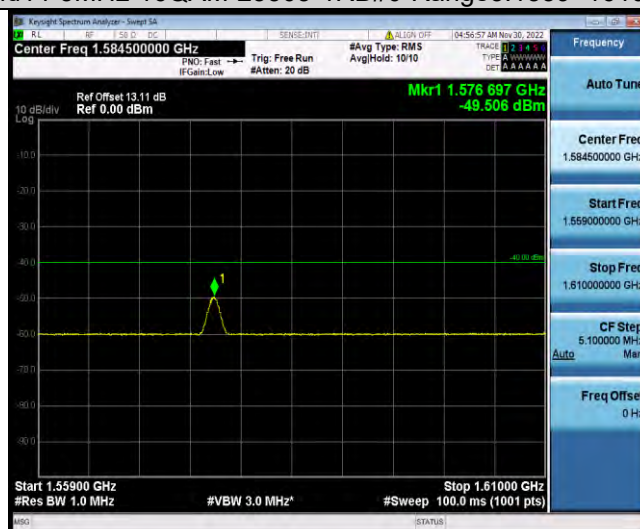
Test Report No.: W7L-P23030016RF09



Band14-5MHz-16QAM-23305-1RB#0-Range2:1000~10000MHz



Band14-5MHz-16QAM-23305-1RB#0-Range3:1559~1610MHz

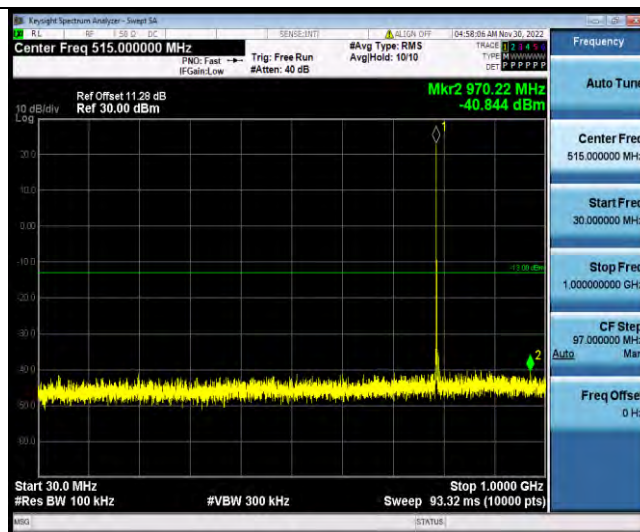


Band14-5MHz-16QAM-23330-1RB#0-Range1:30~1000MHz

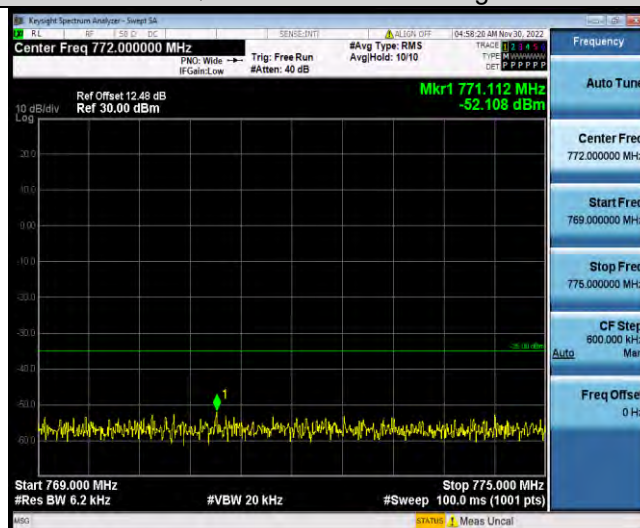


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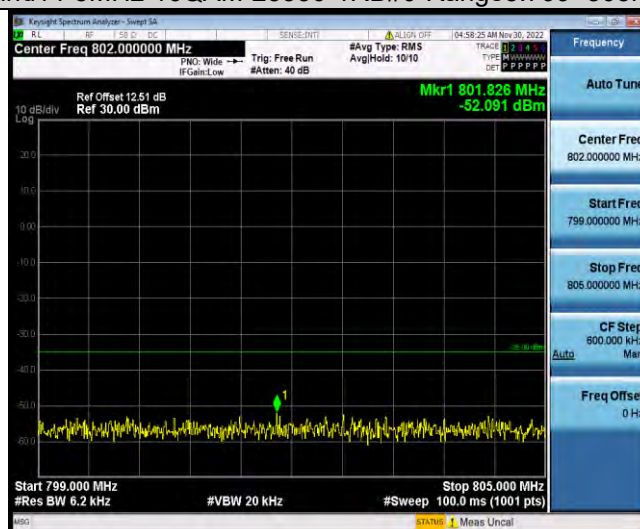
Test Report No.: W7L-P23030016RF09



Band14-5MHz-16QAM-23330-1RB#0-Range4:769~775MHz



Band14-5MHz-16QAM-23330-1RB#0-Range5:799~805MHz

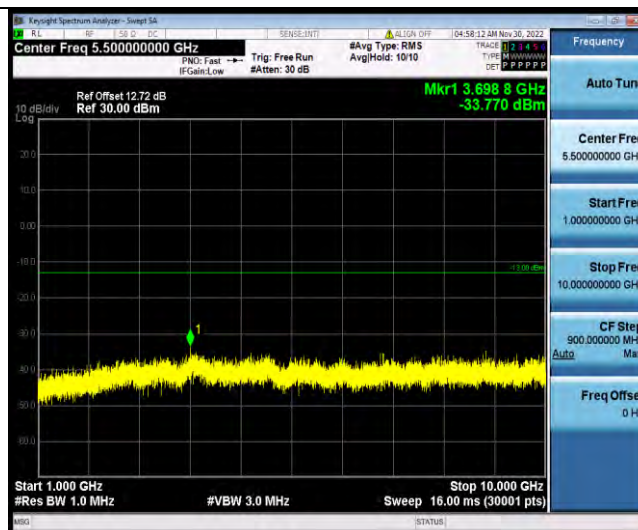


Band14-5MHz-16QAM-23330-1RB#0-Range2:1000~10000MHz

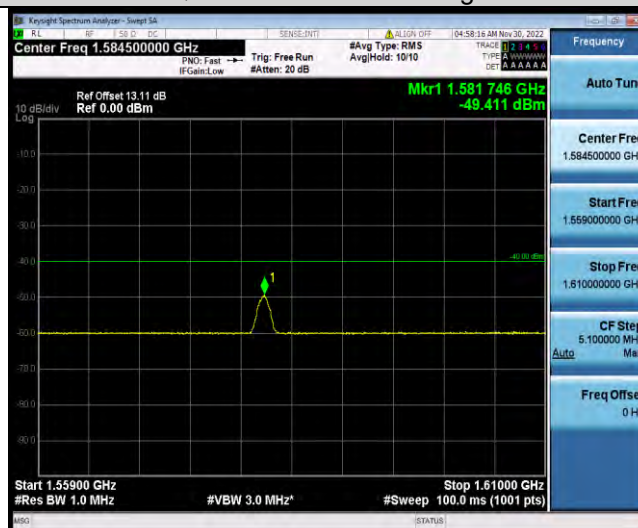


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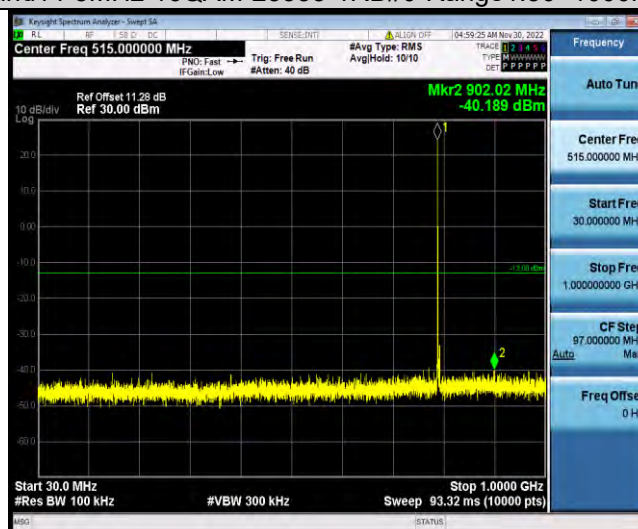
Test Report No.: W7L-P23030016RF09



Band14-5MHz-16QAM-23330-1RB#0-Range3:1559~1610MHz



Band14-5MHz-16QAM-23355-1RB#0-Range1:30~1000MHz

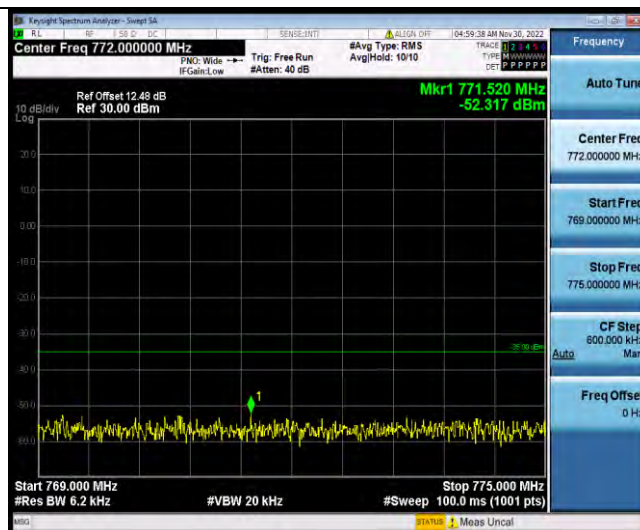


Band14-5MHz-16QAM-23355-1RB#0-Range4:769~775MHz

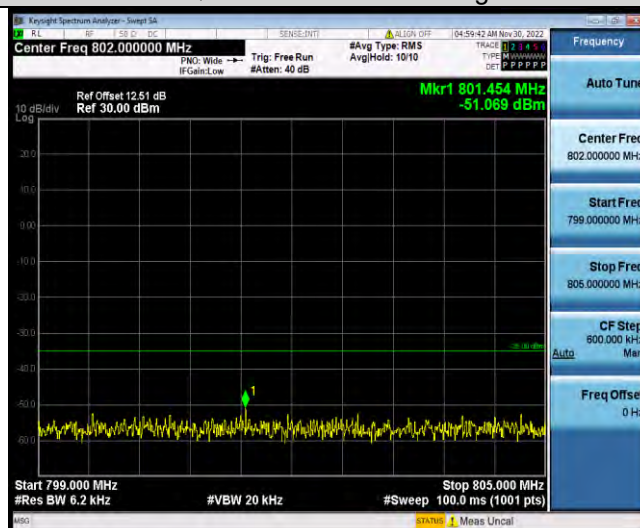


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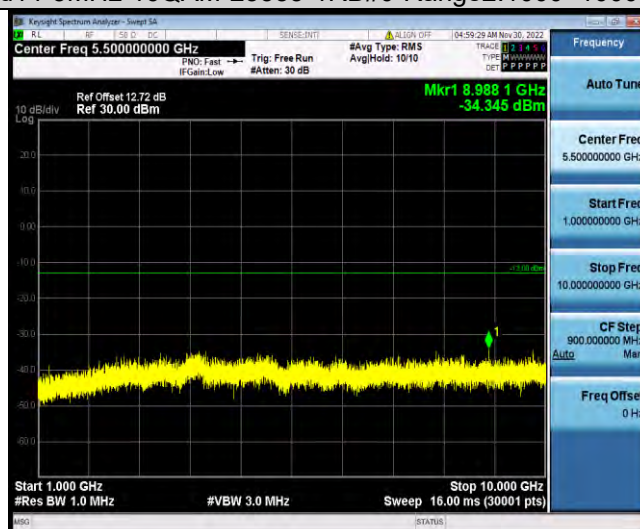
Test Report No.: W7L-P23030016RF09



Band14-5MHz-16QAM-23355-1RB#0-Range5:799~805MHz



Band14-5MHz-16QAM-23355-1RB#0-Range2:1000~1000MHz

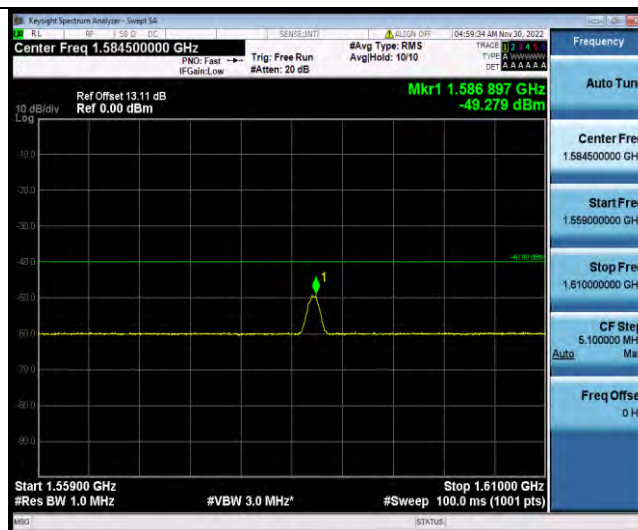


Band14-5MHz-16QAM-23355-1RB#0-Range3:1559~1610MHz

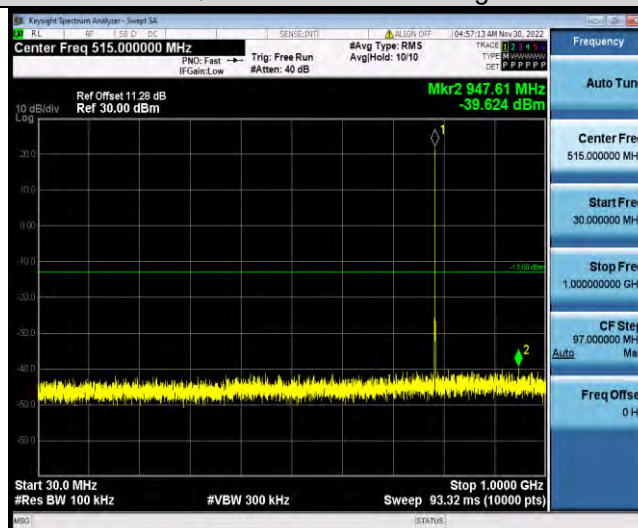


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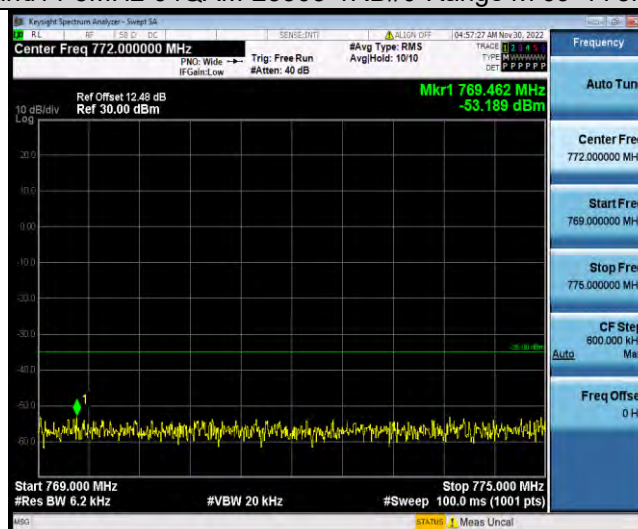
Test Report No.: W7L-P23030016RF09



Band14-5MHz-64QAM-23305-1RB#0-Range1:30~1000MHz



Band14-5MHz-64QAM-23305-1RB#0-Range4:769~775MHz

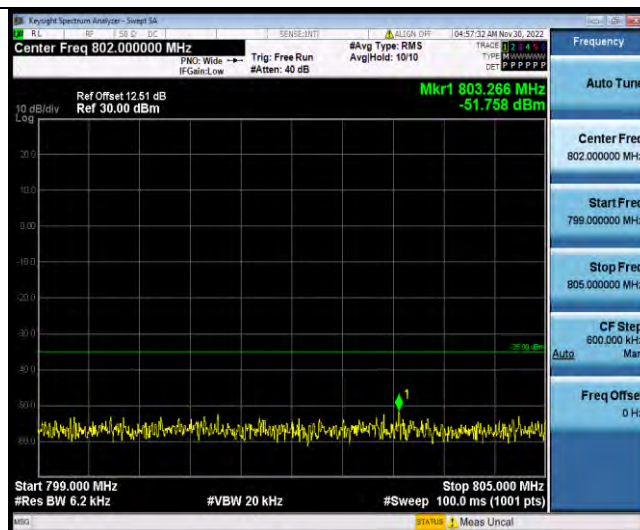


Band14-5MHz-64QAM-23305-1RB#0-Range5:799~805MHz

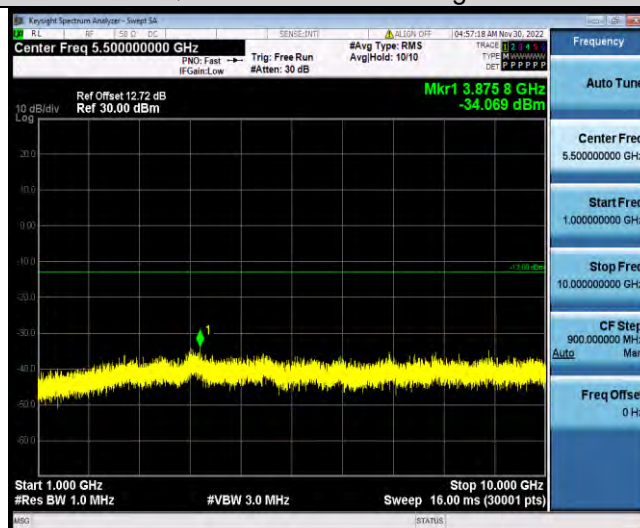


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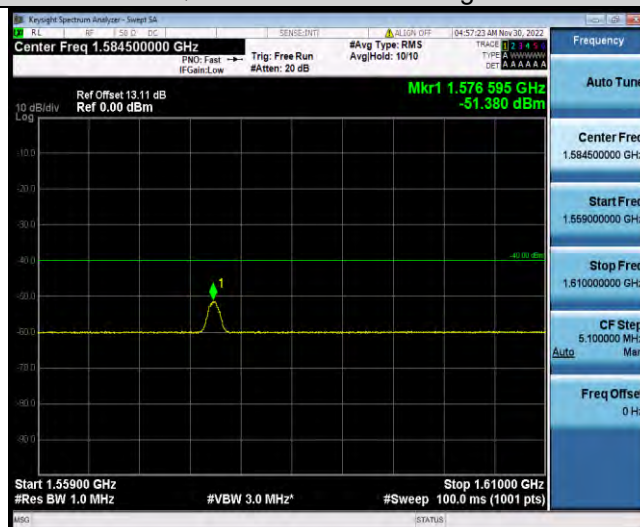
Test Report No.: W7L-P23030016RF09



Band14-5MHz-64QAM-23305-1RB#0-Range2:1000~10000MHz



Band14-5MHz-64QAM-23305-1RB#0-Range3:1559~1610MHz

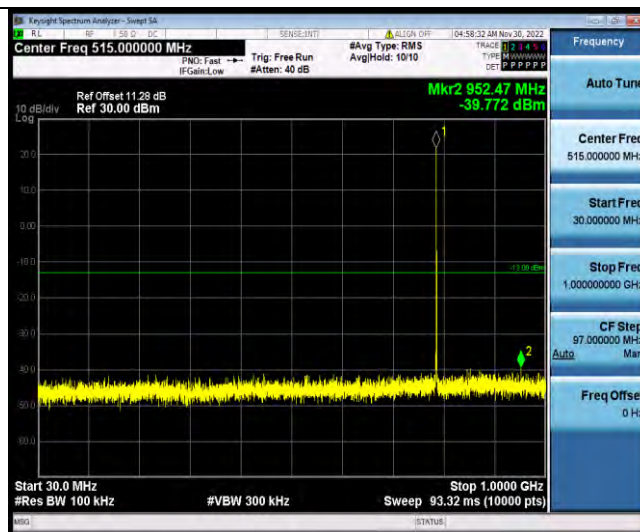


Band14-5MHz-64QAM-23330-1RB#0-Range1:30~1000MHz

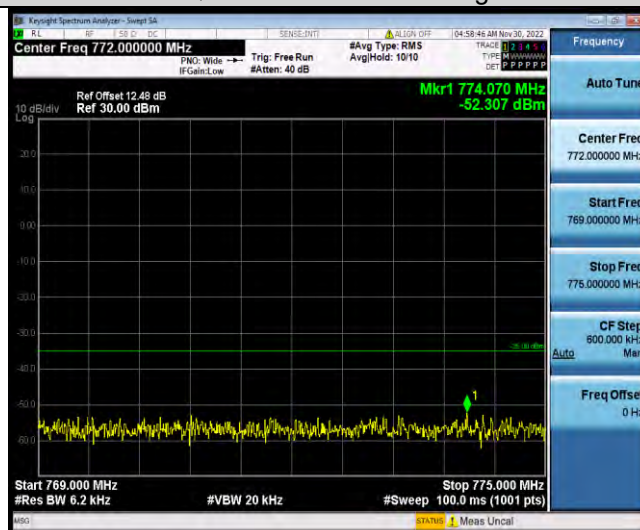


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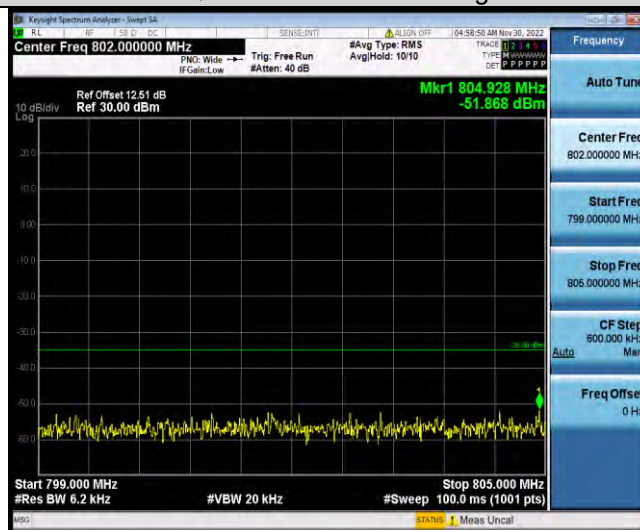
Test Report No.: W7L-P23030016RF09



Band14-5MHz-64QAM-23330-1RB#0-Range4:769~775MHz



Band14-5MHz-64QAM-23330-1RB#0-Range5:799~805MHz

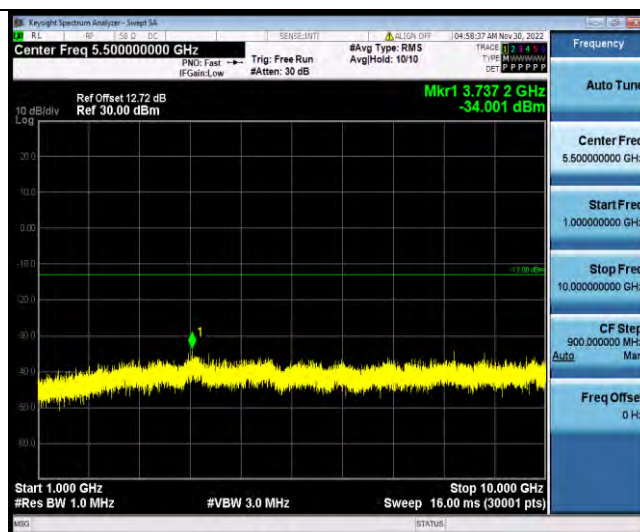


Band14-5MHz-64QAM-23330-1RB#0-Range2:1000~10000MHz

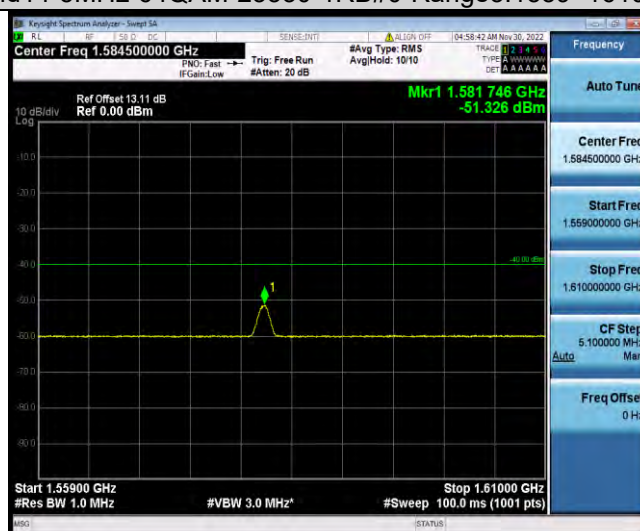


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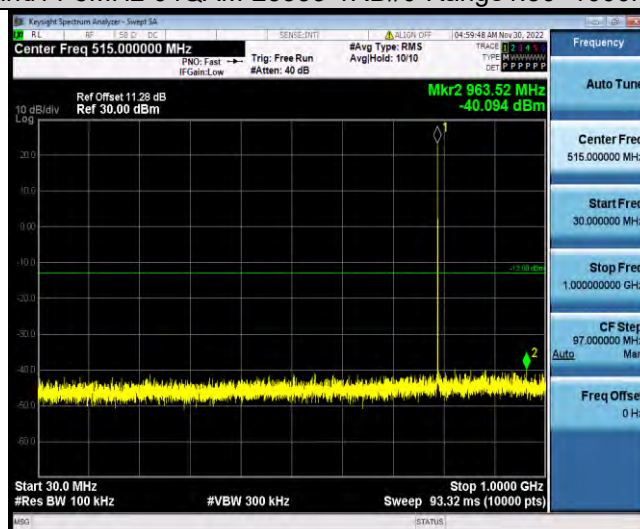
Test Report No.: W7L-P23030016RF09



Band14-5MHz-64QAM-23330-1RB#0-Range3:1559~1610MHz



Band14-5MHz-64QAM-23355-1RB#0-Range1:30~1000MHz

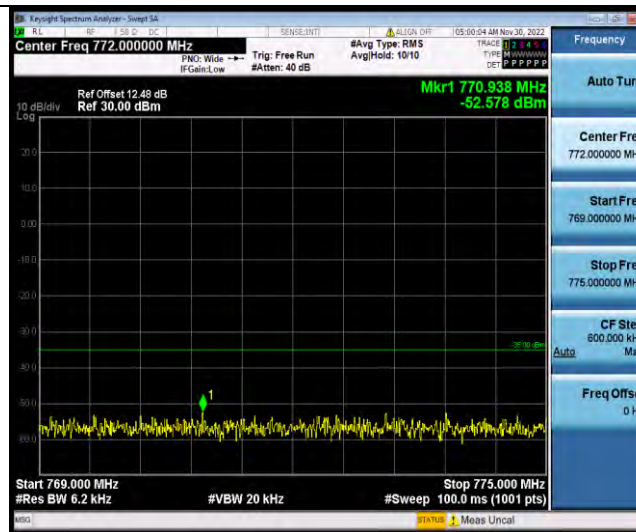


Band14-5MHz-64QAM-23355-1RB#0-Range4:769~775MHz

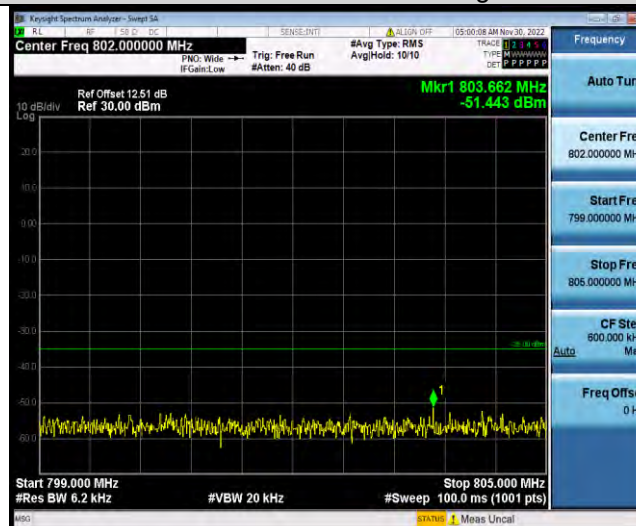


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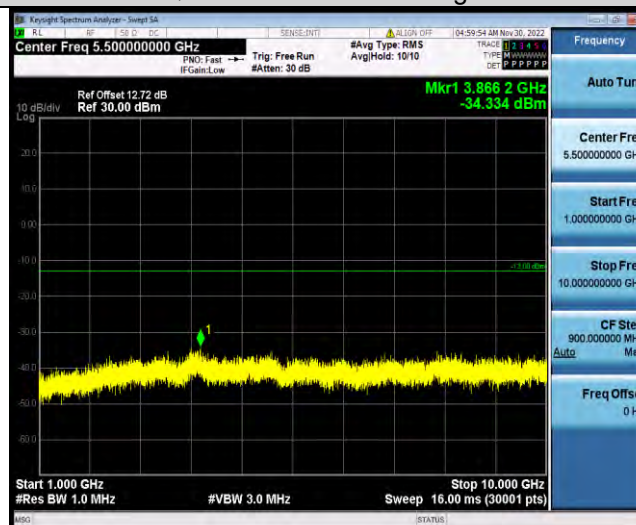
Test Report No.: W7L-P23030016RF09



Band14-5MHz-64QAM-23355-1RB#0-Range5:799~805MHz



Band14-5MHz-64QAM-23355-1RB#0-Range2:1000~10000MHz

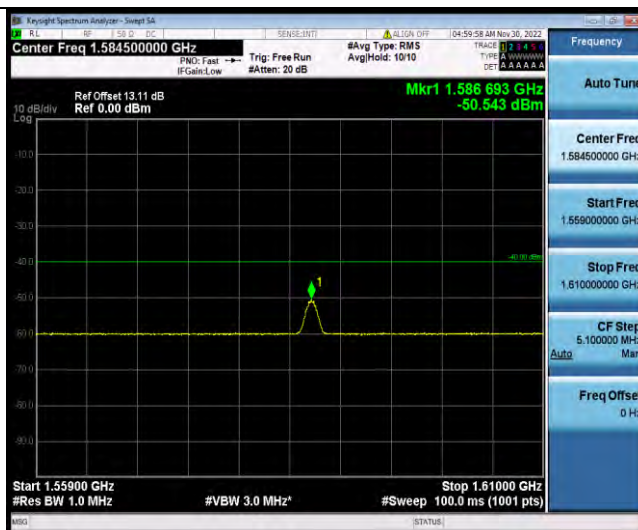


Band14-5MHz-64QAM-23355-1RB#0-Range3:1559~1610MHz



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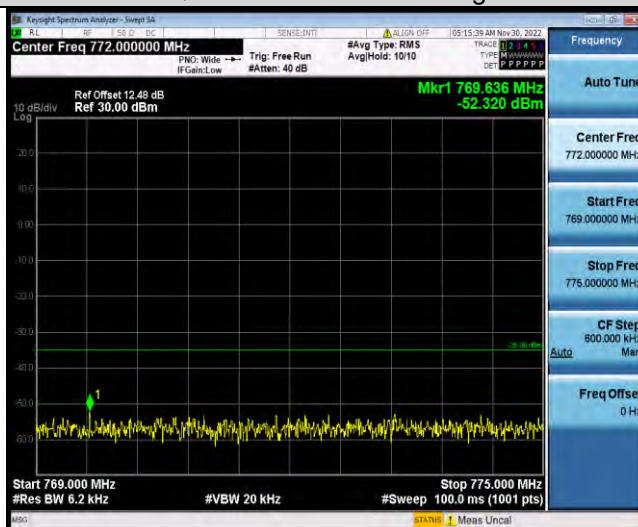
Test Report No.: W7L-P23030016RF09



Band14-10MHz-QPSK-23330-1RB#0-Range1:30~1000MHz



Band14-10MHz-QPSK-23330-1RB#0-Range4:769~775MHz

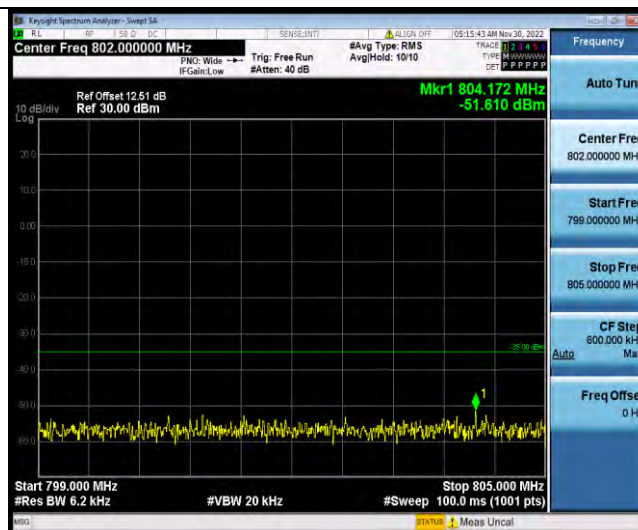


Band14-10MHz-QPSK-23330-1RB#0-Range5:799~805MHz

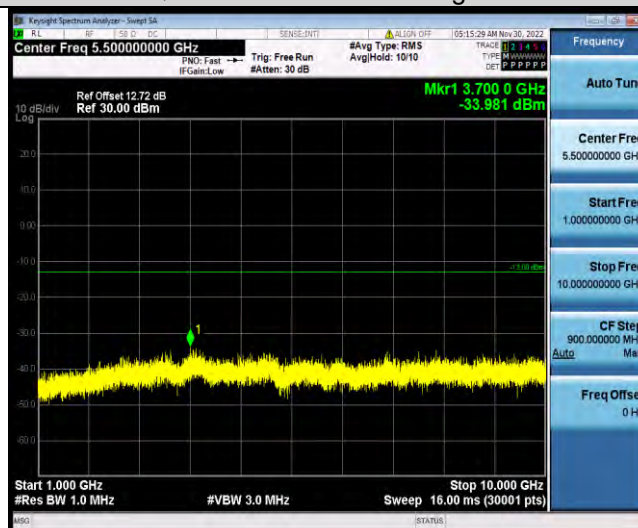


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VERITAS

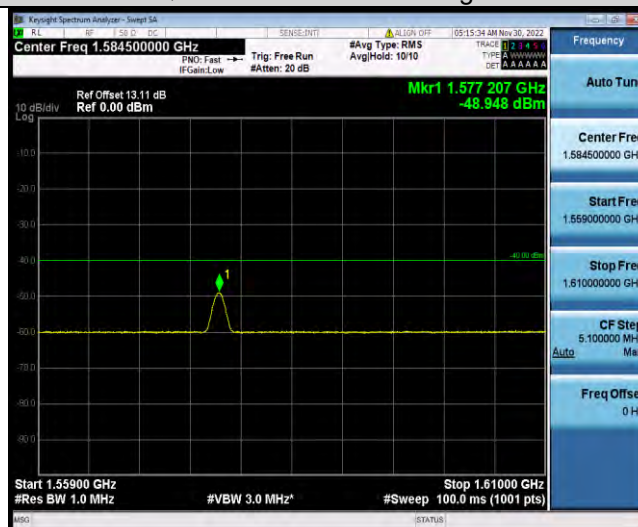
Test Report No.: W7L-P23030016RF09



Band14-10MHz-QPSK-23330-1RB#0-Range2:1000~10000MHz



Band14-10MHz-QPSK-23330-1RB#0-Range3:1559~1610MHz

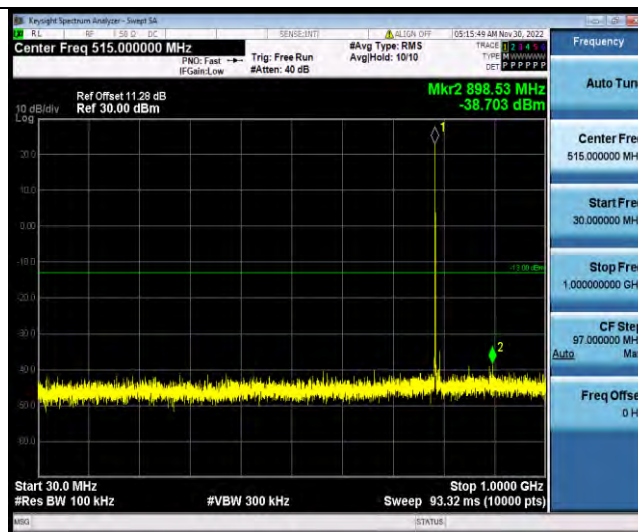


Band14-10MHz-16QAM-23330-1RB#0-Range1:30~1000MHz

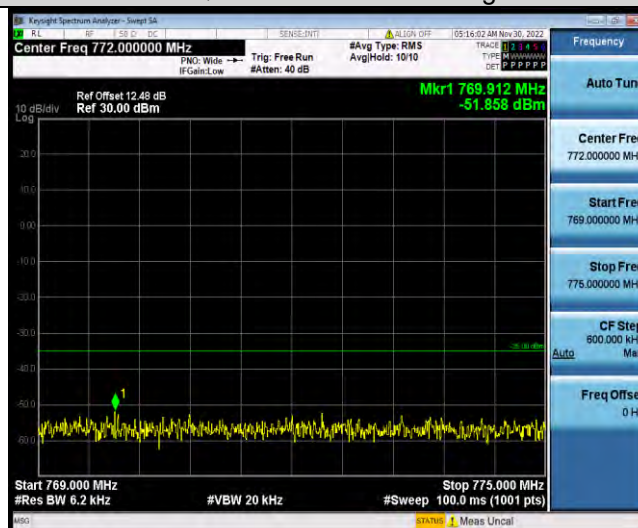


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VERITAS

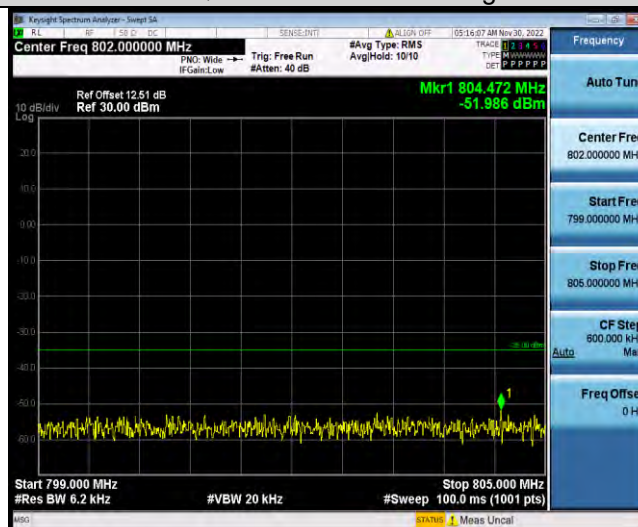
Test Report No.: W7L-P23030016RF09



Band14-10MHz-16QAM-23330-1RB#0-Range4:769~775MHz



Band14-10MHz-16QAM-23330-1RB#0-Range5:799~805MHz

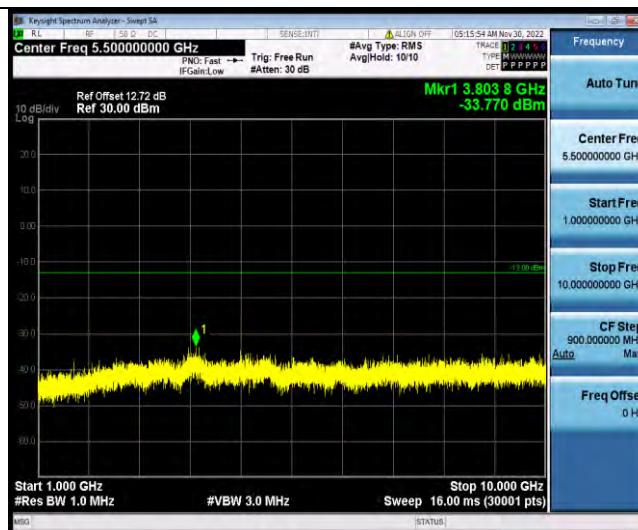


Band14-10MHz-16QAM-23330-1RB#0-Range2:1000~10000MHz

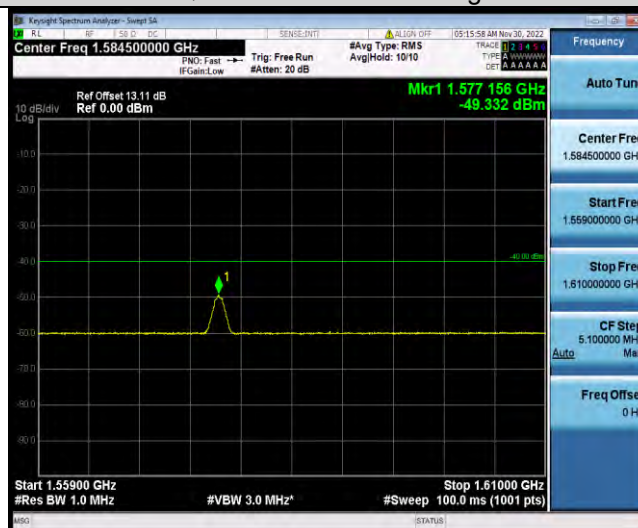


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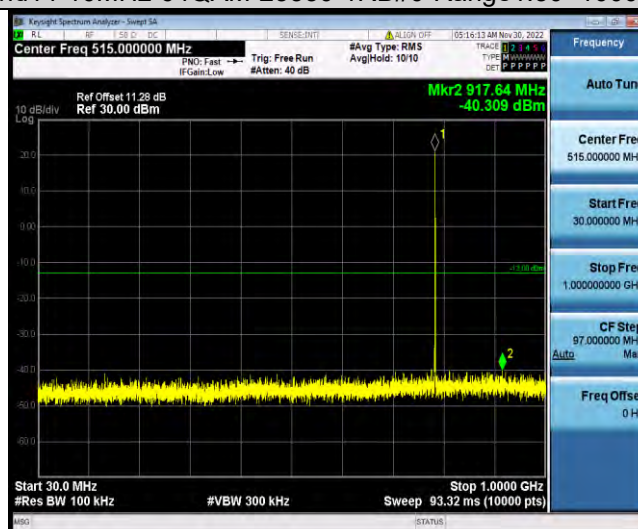
Test Report No.: W7L-P23030016RF09



Band14-10MHz-16QAM-23330-1RB#0-Range3:1559~1610MHz



Band14-10MHz-64QAM-23330-1RB#0-Range1:30~1000MHz

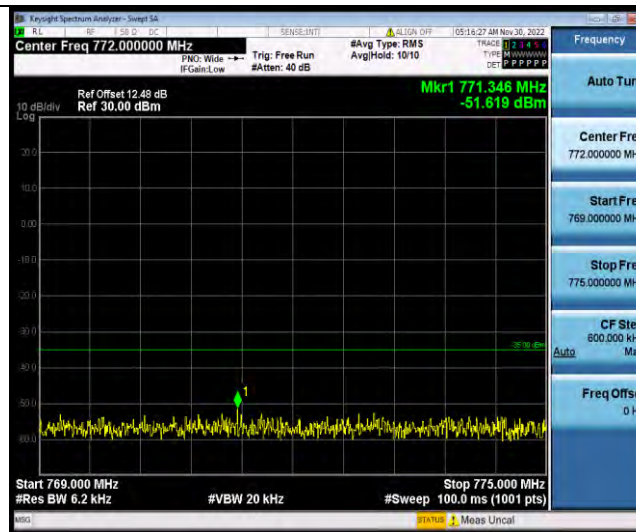


Band14-10MHz-64QAM-23330-1RB#0-Range4:769~775MHz

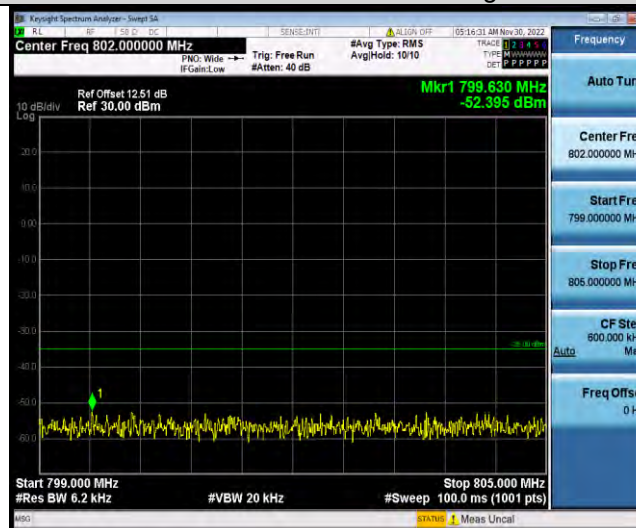


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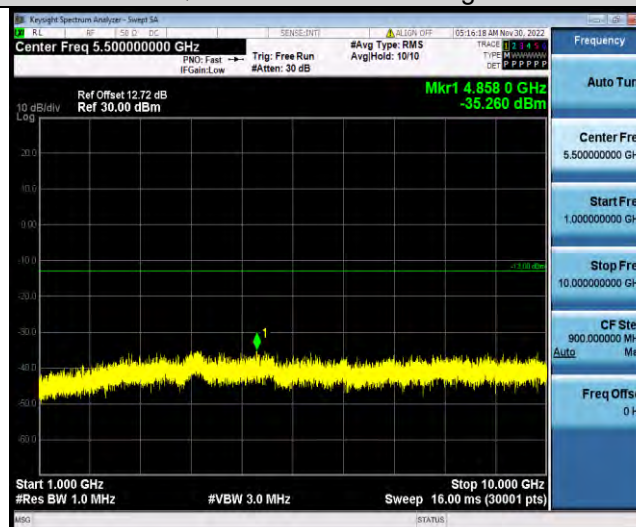
Test Report No.: W7L-P23030016RF09



Band14-10MHz-64QAM-23330-1RB#0-Range5:799~805MHz



Band14-10MHz-64QAM-23330-1RB#0-Range2:1000~10000MHz

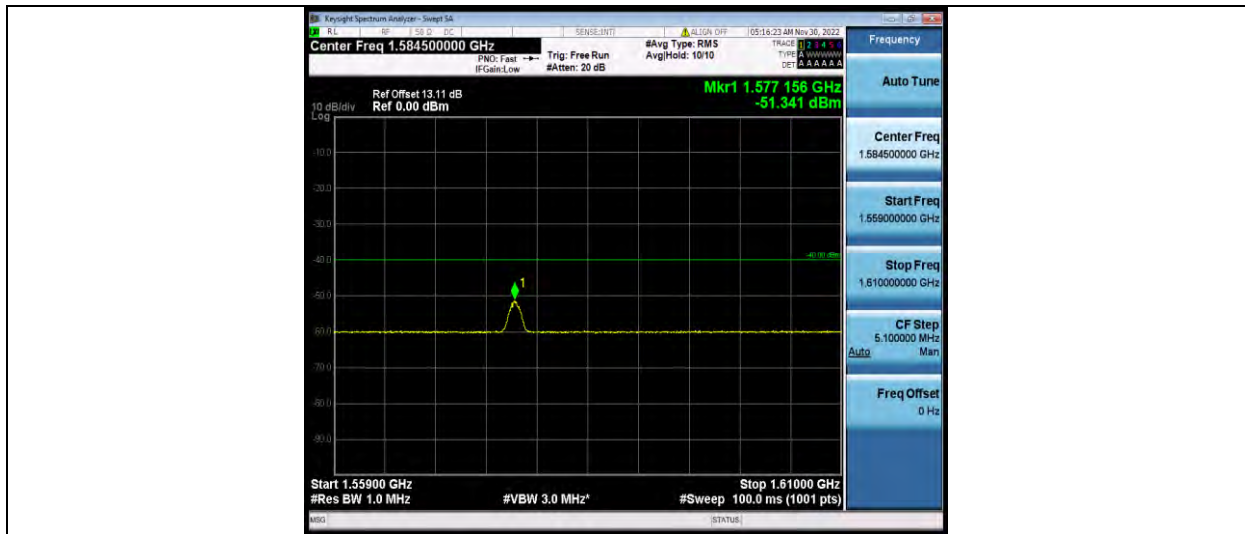


Band14-10MHz-64QAM-23330-1RB#0-Range3:1559~1610MHz



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Test Report No.: W7L-P23030016RF09

FREQUENCY STABILITY

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band1_4	5MHz	QPSK	23305	25RB#0	VL	NT	2.46	0.003112	±2.5	PASS
Band1_4	5MHz	QPSK	23305	25RB#0	VN	NT	-1.96	-0.002479	±2.5	PASS
Band1_4	5MHz	QPSK	23305	25RB#0	VH	NT	-2.37	-0.002998	±2.5	PASS
Band1_4	5MHz	QPSK	23330	25RB#0	VL	NT	1.93	0.002434	±2.5	PASS
Band1_4	5MHz	QPSK	23330	25RB#0	VN	NT	-1.56	-0.001967	±2.5	PASS
Band1_4	5MHz	QPSK	23330	25RB#0	VH	NT	14.99	0.018903	±2.5	PASS
Band1_4	5MHz	QPSK	23355	25RB#0	VL	NT	-5.58	-0.007014	±2.5	PASS
Band1_4	5MHz	QPSK	23355	25RB#0	VN	NT	-6.68	-0.008397	±2.5	PASS
Band1_4	5MHz	QPSK	23355	25RB#0	VH	NT	-7.67	-0.009642	±2.5	PASS
Band1_4	5MHz	16QAM	23305	25RB#0	VL	NT	19.78	0.025022	±2.5	PASS
Band1_4	5MHz	16QAM	23305	25RB#0	VN	NT	4.08	0.005161	±2.5	PASS
Band1_4	5MHz	16QAM	23305	25RB#0	VH	NT	3.12	0.003947	±2.5	PASS
Band1_4	5MHz	16QAM	23330	25RB#0	VL	NT	-2.12	-0.002673	±2.5	PASS
Band1_4	5MHz	16QAM	23330	25RB#0	VN	NT	-1.36	-0.001715	±2.5	PASS
Band1_4	5MHz	16QAM	23330	25RB#0	VH	NT	1.14	0.001438	±2.5	PASS
Band1_4	5MHz	16QAM	23355	25RB#0	VL	NT	-6.91	-0.008686	±2.5	PASS
Band1_4	5MHz	16QAM	23355	25RB#0	VN	NT	2.29	0.002879	±2.5	PASS
Band1_4	5MHz	16QAM	23355	25RB#0	VH	NT	1.42	0.001785	±2.5	PASS
Band1_4	5MHz	64QAM	23305	25RB#0	VL	NT	-8.85	-0.011195	±2.5	PASS
Band1_4	5MHz	64QAM	23305	25RB#0	VN	NT	18.08	0.022872	±2.5	PASS
Band1_4	5MHz	64QAM	23305	25RB#0	VH	NT	2.85	0.003605	±2.5	PASS



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Band1 4	5MHz	64QAM	23330	25RB#0	VL	NT	4.26	0.005372	±2.5	PASS
Band1 4	5MHz	64QAM	23330	25RB#0	VN	NT	-7.15	-0.009016	±2.5	PASS
Band1 4	5MHz	64QAM	23330	25RB#0	VH	NT	-7.28	-0.009180	±2.5	PASS
Band1 4	5MHz	64QAM	23355	25RB#0	VL	NT	-2.27	-0.002854	±2.5	PASS
Band1 4	5MHz	64QAM	23355	25RB#0	VN	NT	-3.05	-0.003834	±2.5	PASS
Band1 4	5MHz	64QAM	23355	25RB#0	VH	NT	-2.53	-0.003180	±2.5	PASS
Band1 4	10MHz	QPSK	23330	50RB#0	VL	NT	-8.64	-0.010895	±2.5	PASS
Band1 4	10MHz	QPSK	23330	50RB#0	VN	NT	-10.66	-0.013443	±2.5	PASS
Band1 4	10MHz	QPSK	23330	50RB#0	VH	NT	-7.75	-0.009773	±2.5	PASS
Band1 4	10MHz	16QAM	23330	50RB#0	VL	NT	14.15	0.017844	±2.5	PASS
Band1 4	10MHz	16QAM	23330	50RB#0	VN	NT	2.09	0.002636	±2.5	PASS
Band1 4	10MHz	16QAM	23330	50RB#0	VH	NT	-1.37	-0.001728	±2.5	PASS
Band1 4	10MHz	64QAM	23330	50RB#0	VL	NT	13.59	0.017137	±2.5	PASS
Band1 4	10MHz	64QAM	23330	50RB#0	VN	NT	12.67	0.015977	±2.5	PASS
Band1 4	10MHz	64QAM	23330	50RB#0	VH	NT	1.27	0.001602	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band14	5MHz	QPSK	23305	25RB#0	NV	-30	17.11	0.021645	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	-20	2.06	0.002606	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	0	3	0.003795	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	10	17.9	0.022644	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	20	2.22	0.002808	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	30	-2.79	-0.003507	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	40	-3.71	-0.004664	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	50	3.43	0.004339	±2.5	PASS



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Band14	5MHz	QPSK	23330	25RB#0	NV	-30	-2.49	-0.00314	±2.5	PASS
Band14	5MHz	QPSK	23330	25RB#0	NV	-20	3.71	0.004678	±2.5	PASS
Band14	5MHz	QPSK	23330	25RB#0	NV	0	15.52	0.019571	±2.5	PASS
Band14	5MHz	QPSK	23330	25RB#0	NV	10	-2.37	-0.002989	±2.5	PASS
Band14	5MHz	QPSK	23330	25RB#0	NV	20	2.29	0.002888	±2.5	PASS
Band14	5MHz	QPSK	23330	25RB#0	NV	30	2.27	0.002854	±2.5	PASS
Band14	5MHz	QPSK	23330	25RB#0	NV	40	2.75	0.003468	±2.5	PASS
Band14	5MHz	QPSK	23330	25RB#0	NV	50	2.27	0.002877	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	-30	-8.23	-0.010346	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	-20	-3.71	-0.004664	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	0	-7.31	-0.009189	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	10	-2.79	-0.003507	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	20	-9.54	-0.011992	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	30	-1.29	-0.001627	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	40	-1.47	-0.001848	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	50	-1.44	-0.00181	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	NV	-30	4.99	0.006312	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	NV	-20	4.52	0.005718	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	NV	0	20	0.0253	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	NV	10	18.02	0.022796	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	NV	20	3.43	0.004339	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	NV	30	-2.76	-0.00348	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	NV	40	1.65	0.002074	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	NV	50	2.07	0.00261	±2.5	PASS



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Band14	5MHz	16QAM	23330	25RB#0	NV	-30	14.93	0.018827	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	NV	-20	14.95	0.018852	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	NV	0	2.75	0.003468	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	NV	10	-2.32	-0.002926	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	NV	20	18.1	0.022825	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	NV	30	2.73	0.003461	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	NV	40	-2.22	-0.002808	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	NV	50	2.22	0.002808	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	NV	-30	-7.47	-0.00939	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	NV	-20	-7.75	-0.009742	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	NV	0	1.65	0.002074	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	NV	10	2.27	0.002854	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	NV	20	-1.77	-0.002225	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	NV	30	-2.37	-0.002989	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	NV	40	2.29	0.002888	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	NV	50	2.27	0.002854	±2.5	PASS
Band14	5MHz	64QAM	23305	25RB#0	NV	-30	2.85	0.003605	±2.5	PASS
Band14	5MHz	64QAM	23305	25RB#0	NV	-20	-7.67	-0.009703	±2.5	PASS
Band14	5MHz	64QAM	23305	25RB#0	NV	0	-9.64	-0.012195	±2.5	PASS
Band14	5MHz	64QAM	23305	25RB#0	NV	10	18	0.02277	±2.5	PASS
Band14	5MHz	64QAM	23305	25RB#0	NV	20	2.52	0.003188	±2.5	PASS
Band14	5MHz	64QAM	23330	25RB#0	NV	-30	-8.4	-0.010593	±2.5	PASS
Band14	5MHz	64QAM	23330	25RB#0	NV	-20	-9.83	-0.012396	±2.5	PASS
Band14	5MHz	64QAM	23330	25RB#0	NV	0	-2.33	-0.002938	±2.5	PASS



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Band14	5MHz	64QAM	23330	25RB#0	NV	10	2.09	0.002636	±2.5	PASS
Band14	5MHz	64QAM	23330	25RB#0	NV	20	-7.74	-0.00976	±2.5	PASS
Band14	5MHz	64QAM	23330	25RB#0	NV	30	-2.33	-0.002938	±2.5	PASS
Band14	5MHz	64QAM	23330	25RB#0	NV	40	2.09	0.002636	±2.5	PASS
Band14	5MHz	64QAM	23330	25RB#0	NV	50	-7.74	-0.00976	±2.5	PASS
Band14	5MHz	64QAM	23355	25RB#0	NV	-30	1.95	0.002451	±2.5	PASS
Band14	5MHz	64QAM	23355	25RB#0	NV	-20	-1.47	-0.001848	±2.5	PASS
Band14	5MHz	64QAM	23355	25RB#0	NV	0	-1.44	-0.00181	±2.5	PASS
Band14	5MHz	64QAM	23355	25RB#0	NV	10	3.09	0.003884	±2.5	PASS
Band14	5MHz	64QAM	23355	25RB#0	NV	20	-6.9	-0.008674	±2.5	PASS
Band14	5MHz	64QAM	23355	25RB#0	NV	30	-1.29	-0.001627	±2.5	PASS
Band14	5MHz	64QAM	23355	25RB#0	NV	40	-2.76	-0.00348	±2.5	PASS
Band14	5MHz	64QAM	23355	25RB#0	NV	50	1.65	0.002074	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	-30	15.79	0.019912	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	-20	2.07	0.00261	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	0	2.76	0.00348	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	10	-1.29	-0.001627	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	20	3.28	0.004136	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	30	2.22	0.002808	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	40	-2.49	-0.00314	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	50	3.71	0.004678	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	NV	-30	1.39	0.001753	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	NV	-20	13.59	0.017137	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	NV	0	-2.76	-0.00348	±2.5	PASS



**BUREAU
VERITAS**

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Band14	10MHz	16QAM	23330	50RB#0	NV	10	13.58	0.017125	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	NV	20	-2.15	-0.002711	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	NV	30	-2.33	-0.002938	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	NV	40	2.09	0.002636	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	NV	50	-2.15	-0.002711	±2.5	PASS
Band14	10MHz	64QAM	23330	50RB#0	NV	-30	1.67	0.002106	±2.5	PASS
Band14	10MHz	64QAM	23330	50RB#0	NV	-20	-1.34	-0.00169	±2.5	PASS
Band14	10MHz	64QAM	23330	50RB#0	NV	0	-1.44	-0.001816	±2.5	PASS
Band14	10MHz	64QAM	23330	50RB#0	NV	10	14.32	0.018058	±2.5	PASS
Band14	10MHz	64QAM	23330	50RB#0	NV	20	2.15	0.002711	±2.5	PASS
Band14	10MHz	64QAM	23330	50RB#0	NV	30	-2.76	-0.00348	±2.5	PASS
Band14	10MHz	64QAM	23330	50RB#0	NV	40	2.07	0.00261	±2.5	PASS
Band14	10MHz	64QAM	23330	50RB#0	NV	50	2.76	0.00348	±2.5	PASS

LTE BAND26

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	3.79	13	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	5.13	13	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	3.77	13	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	5.15	13	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	3.92	13	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	5.30	13	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	5.35	13	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	5.91	13	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	5.35	13	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	6.05	13	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	5.57	13	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	6.14	13	PASS



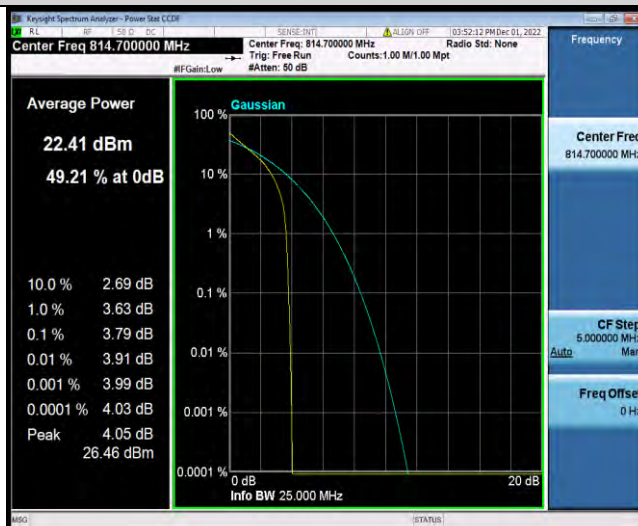
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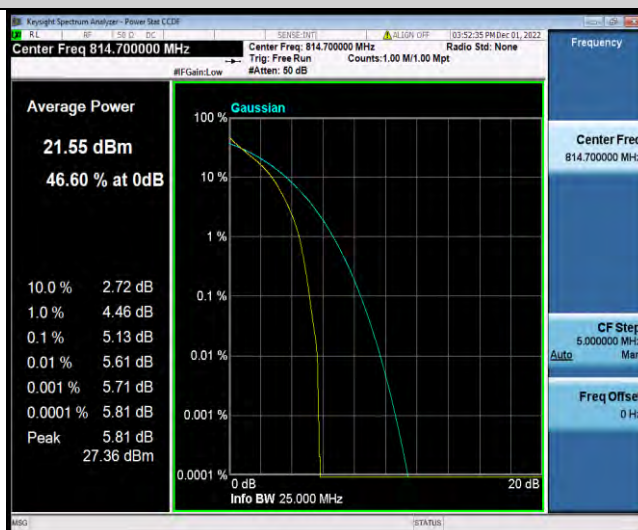
Band26	1.4MHz	64QAM	26697	1RB#0	6.37	13	PASS
Band26	1.4MHz	64QAM	26697	6RB#0	6.59	13	PASS
Band26	1.4MHz	64QAM	26740	1RB#0	6.29	13	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	6.66	13	PASS
Band26	1.4MHz	64QAM	26783	1RB#0	6.47	13	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	6.71	13	PASS
Band26	3MHz	QPSK	26705	1RB#0	3.61	13	PASS
Band26	3MHz	QPSK	26705	15RB#0	5.06	13	PASS
Band26	3MHz	QPSK	26740	1RB#0	3.62	13	PASS
Band26	3MHz	QPSK	26740	15RB#0	5.06	13	PASS
Band26	3MHz	QPSK	26775	1RB#0	3.69	13	PASS
Band26	3MHz	QPSK	26775	15RB#0	5.20	13	PASS
Band26	3MHz	16QAM	26705	1RB#0	5.22	13	PASS
Band26	3MHz	16QAM	26705	15RB#0	5.93	13	PASS
Band26	3MHz	16QAM	26740	1RB#0	5.13	13	PASS
Band26	3MHz	16QAM	26740	15RB#0	5.94	13	PASS
Band26	3MHz	16QAM	26775	1RB#0	5.29	13	PASS
Band26	3MHz	16QAM	26775	15RB#0	6.06	13	PASS
Band26	3MHz	64QAM	26705	1RB#0	6.32	13	PASS
Band26	3MHz	64QAM	26705	15RB#0	6.57	13	PASS
Band26	3MHz	64QAM	26740	1RB#0	6.23	13	PASS
Band26	3MHz	64QAM	26740	15RB#0	6.58	13	PASS
Band26	3MHz	64QAM	26775	1RB#0	6.35	13	PASS
Band26	3MHz	64QAM	26775	15RB#0	6.70	13	PASS
Band26	5MHz	QPSK	26715	1RB#0	3.62	13	PASS
Band26	5MHz	QPSK	26715	25RB#0	5.16	13	PASS
Band26	5MHz	QPSK	26740	1RB#0	3.64	13	PASS
Band26	5MHz	QPSK	26740	25RB#0	5.19	13	PASS
Band26	5MHz	QPSK	26765	1RB#0	3.65	13	PASS
Band26	5MHz	QPSK	26765	25RB#0	5.15	13	PASS
Band26	5MHz	16QAM	26715	1RB#0	5.26	13	PASS
Band26	5MHz	16QAM	26715	25RB#0	5.96	13	PASS
Band26	5MHz	16QAM	26740	1RB#0	5.15	13	PASS
Band26	5MHz	16QAM	26740	25RB#0	5.96	13	PASS
Band26	5MHz	16QAM	26765	1RB#0	5.26	13	PASS
Band26	5MHz	16QAM	26765	25RB#0	5.97	13	PASS
Band26	5MHz	64QAM	26715	1RB#0	6.23	13	PASS
Band26	5MHz	64QAM	26715	25RB#0	6.57	13	PASS
Band26	5MHz	64QAM	26740	1RB#0	6.32	13	PASS
Band26	5MHz	64QAM	26740	25RB#0	6.65	13	PASS
Band26	5MHz	64QAM	26765	1RB#0	6.10	13	PASS
Band26	5MHz	64QAM	26765	25RB#0	6.60	13	PASS
Band26	10MHz	QPSK	26740	1RB#0	3.58	13	PASS
Band26	10MHz	QPSK	26740	50RB#0	5.17	13	PASS
Band26	10MHz	16QAM	26740	1RB#0	5.01	13	PASS
Band26	10MHz	16QAM	26740	50RB#0	6.01	13	PASS
Band26	10MHz	64QAM	26740	1RB#0	6.40	13	PASS
Band26	10MHz	64QAM	26740	50RB#0	6.54	13	PASS

Test Graphs

Band26-1.4MHz-QPSK-26697-1RB#0



Band26-1.4MHz-QPSK-26697-6RB#0



Band26-1.4MHz-QPSK-26740-1RB#0

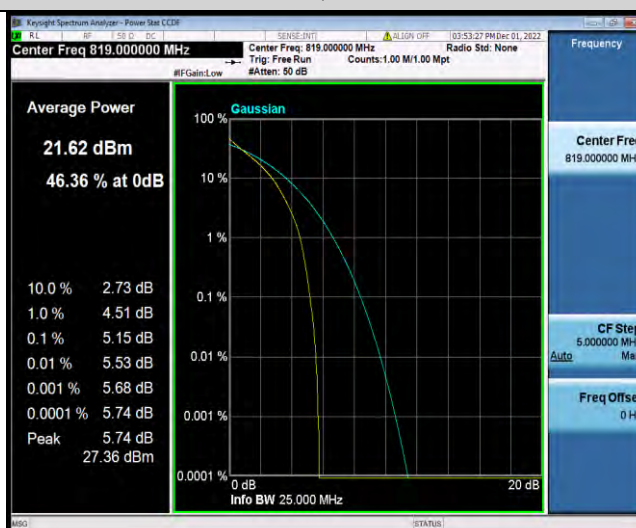


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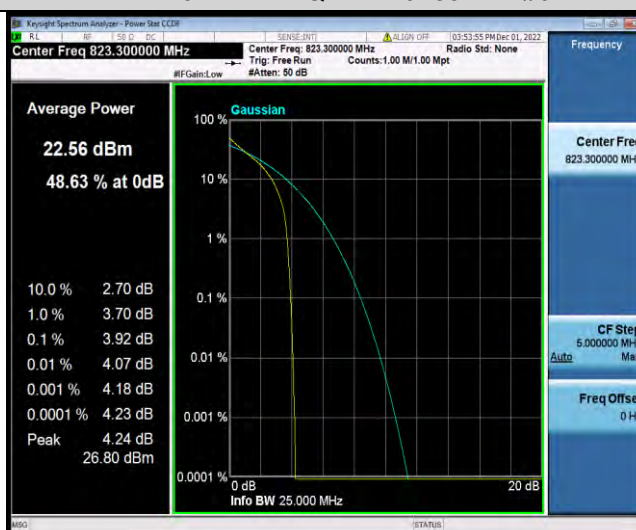
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Band26-1.4MHz-QPSK-26740-6RB#0



Band26-1.4MHz-QPSK-26783-1RB#0

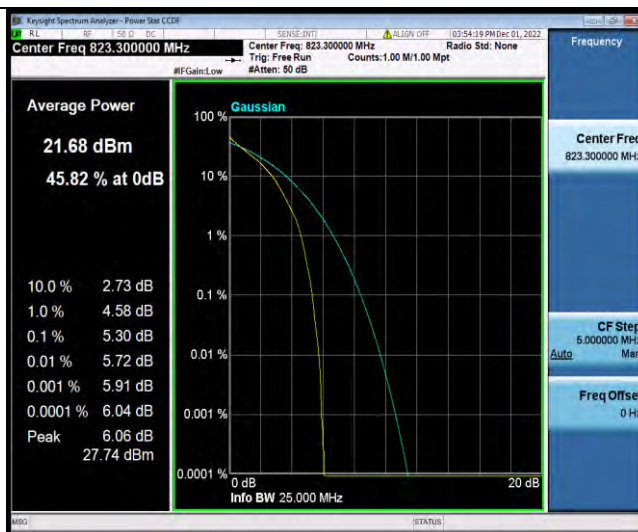


Band26-1.4MHz-QPSK-26783-6RB#0

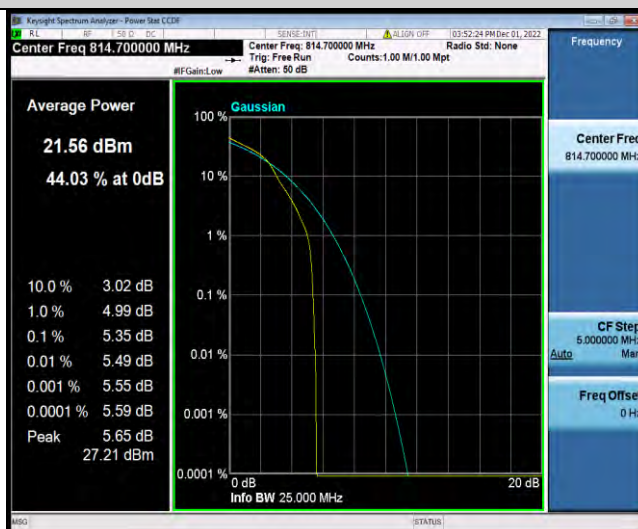


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Band26-1.4MHz-16QAM-26697-1RB#0



Band26-1.4MHz-16QAM-26697-6RB#0

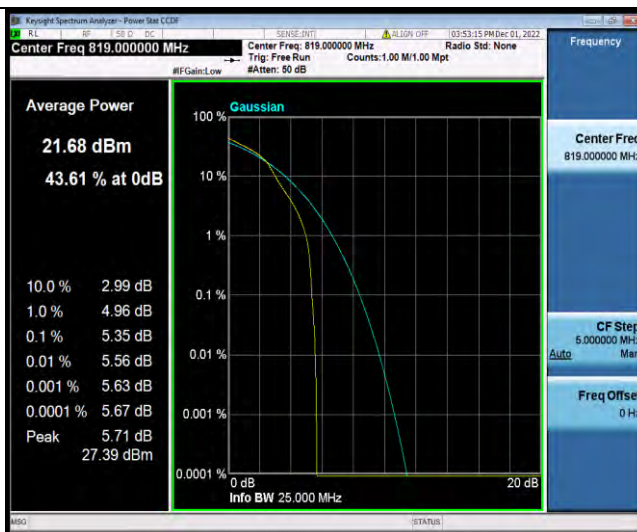


Band26-1.4MHz-16QAM-26740-1RB#0



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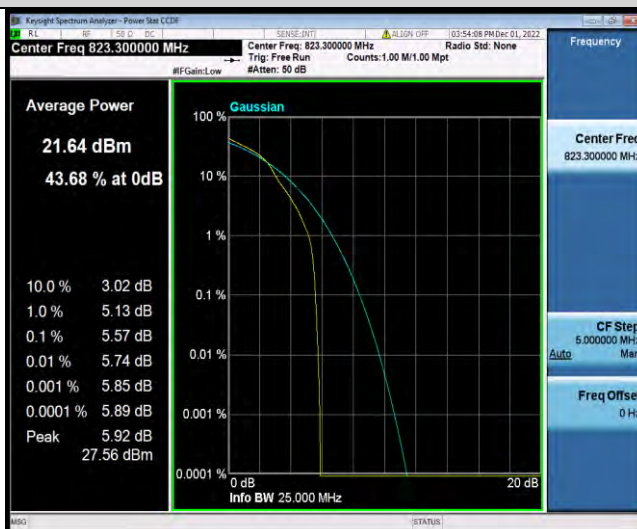
Test Report No.: W7L-P23030016RF09



Band26-1.4MHz-16QAM-26740-6RB#0



Band26-1.4MHz-16QAM-26783-1RB#0



Band26-1.4MHz-16QAM-26783-6RB#0