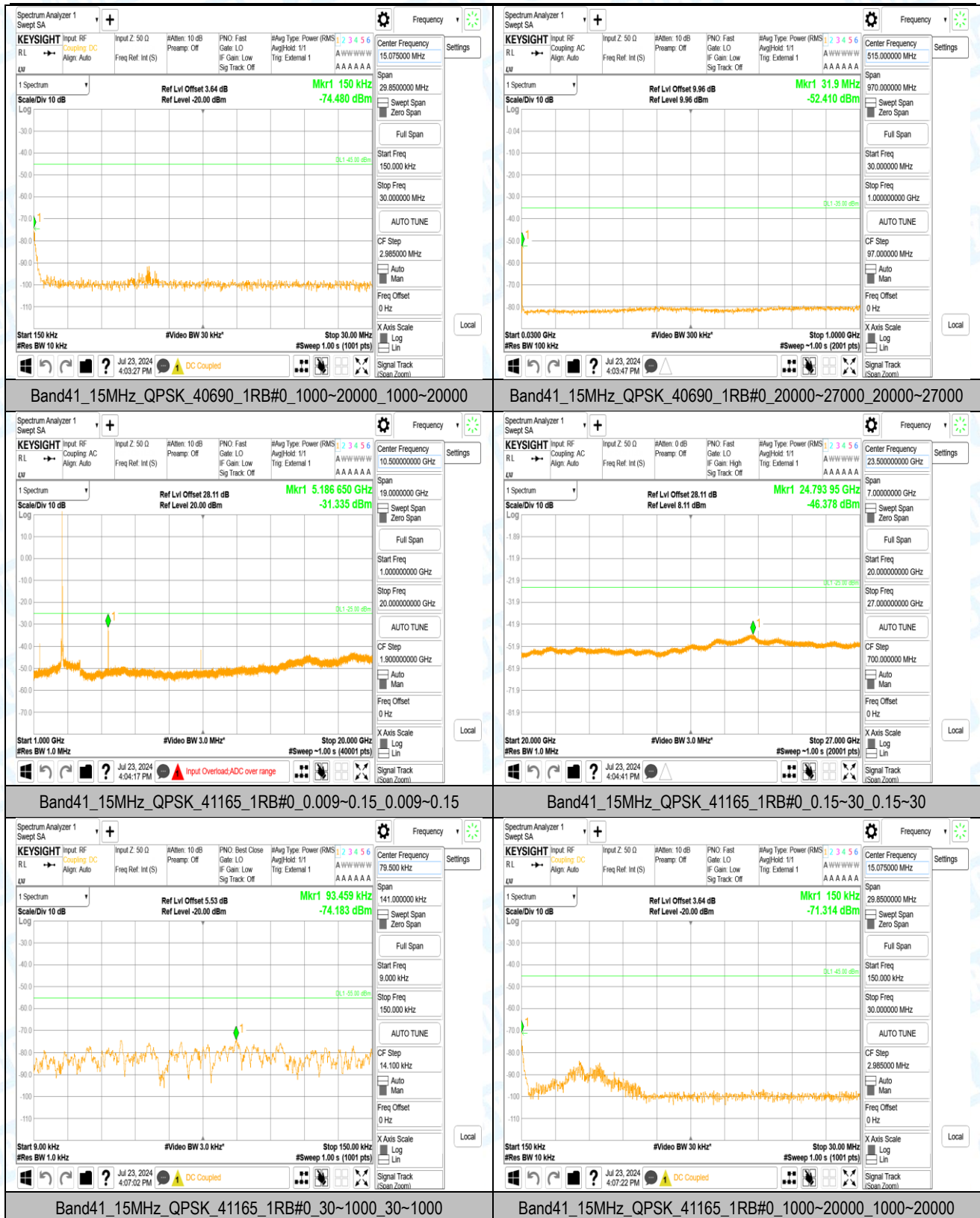
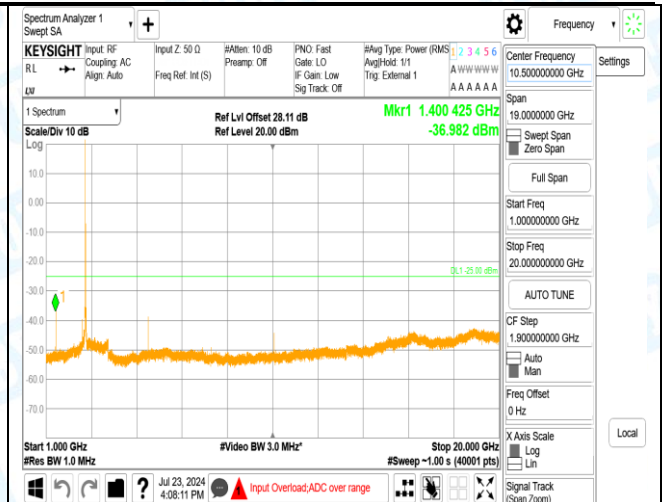
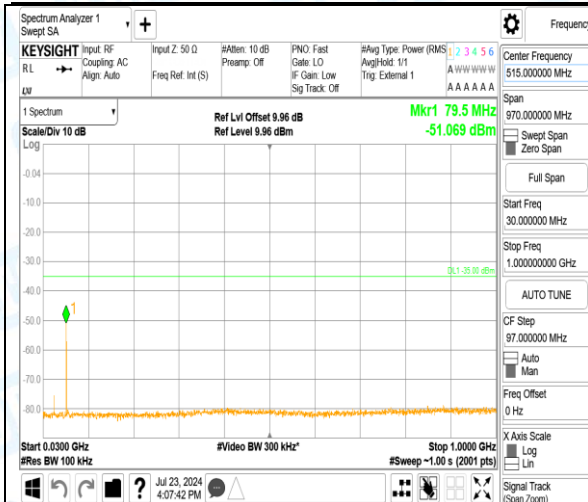
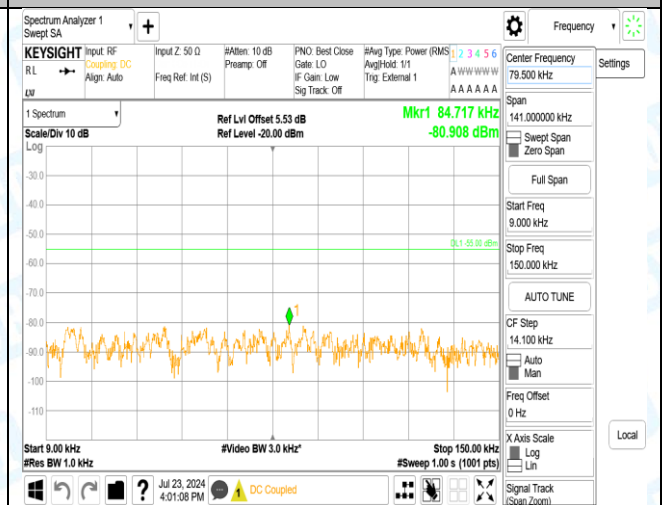
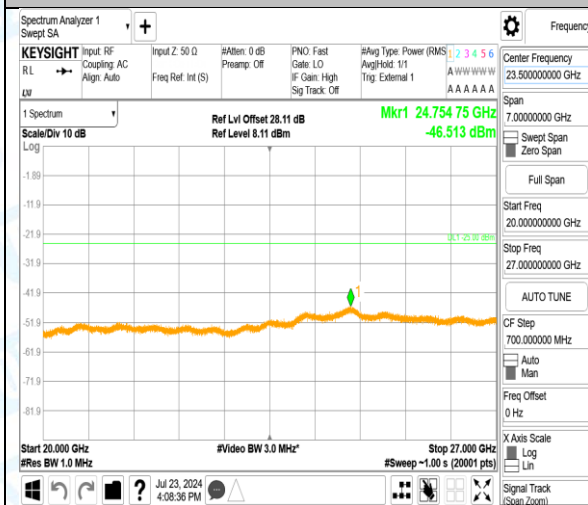






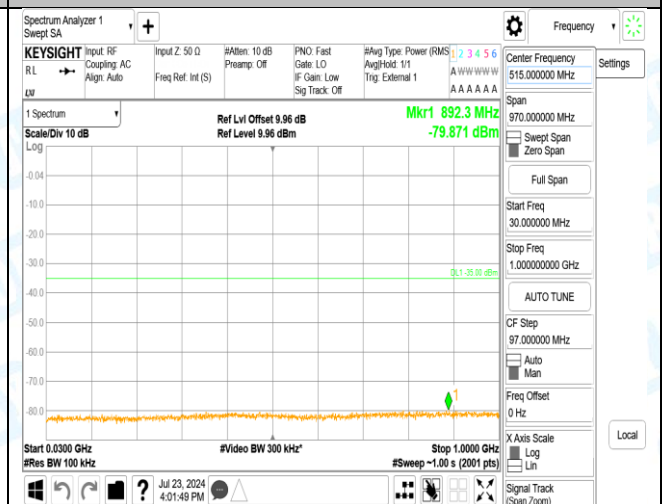
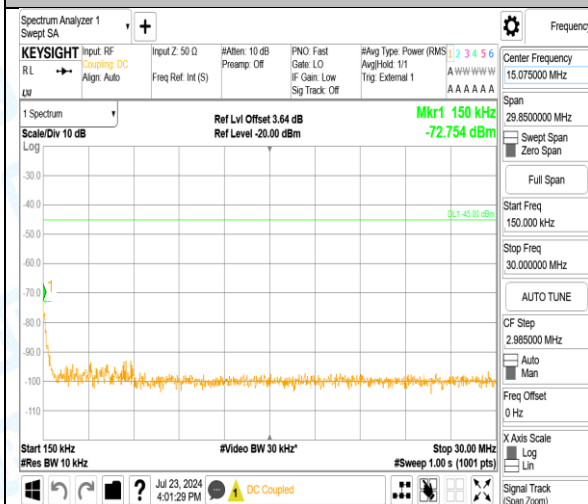
Band41_15MHz_QPSK_41165_1RB#0_20000~27000_20000~27000

Band41_15MHz_16QAM_40315_1RB#0_0.009~0.15_0.009~0.15



Band41_15MHz_16QAM_40315_1RB#0_0.15~30_0.15~30

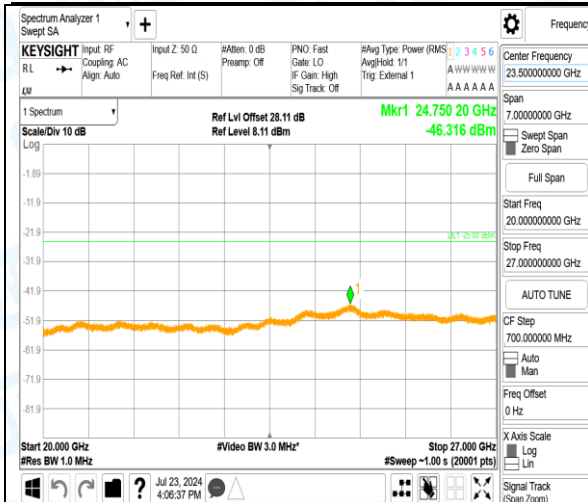
Band41_15MHz_16QAM_40315_1RB#0_30~1000_30~1000



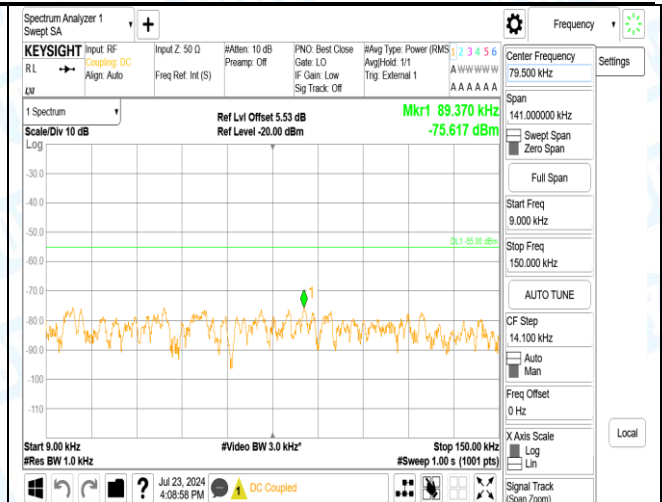
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Band41_15MHz_16QAM_40315_1RB#0_20000~27000_20000~27000

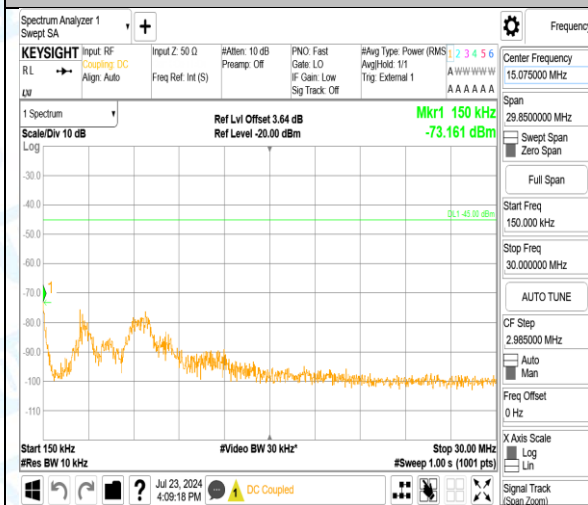




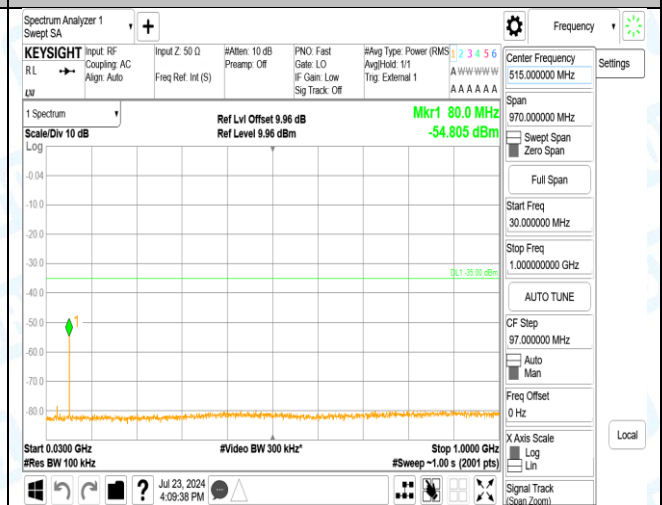
Band41_15MHz_16QAM_41165_1RB#0_0.15~30_0.15~30



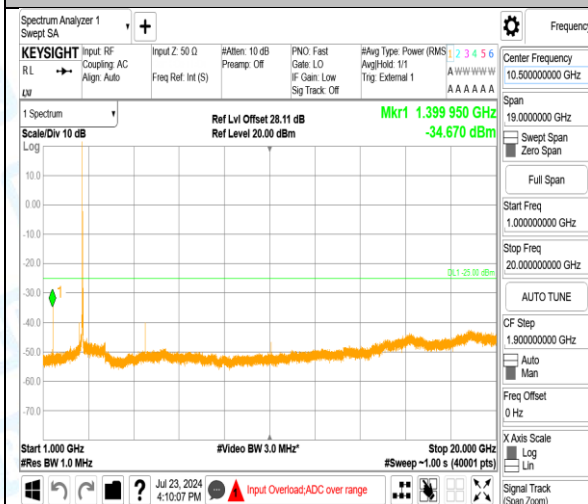
Band41_15MHz_16QAM_41165_1RB#0_30~1000_30~1000



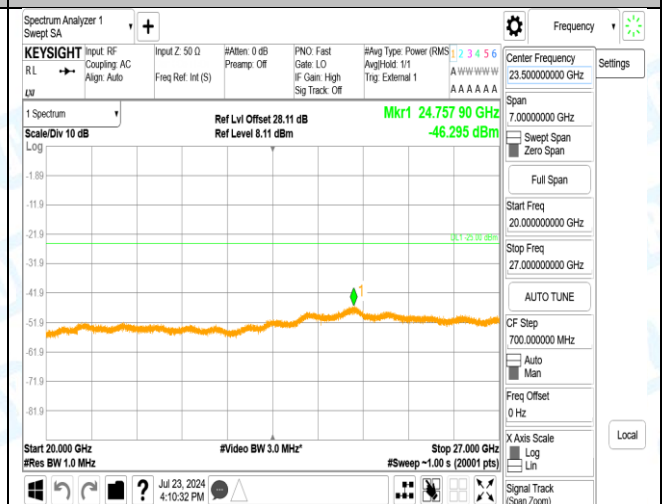
Band41_15MHz_16QAM_41165_1RB#0_1000~20000_1000~20000



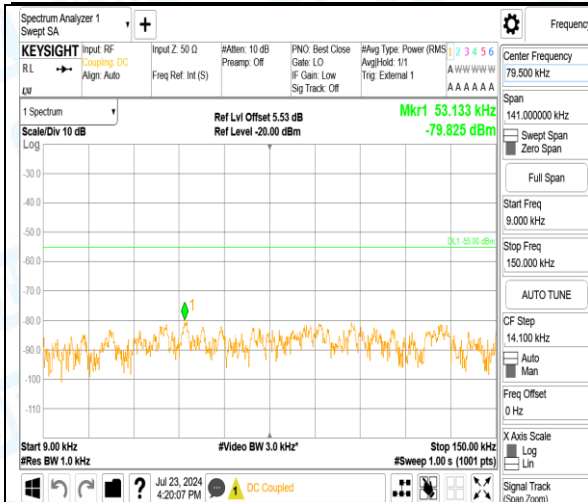
Band41_15MHz_16QAM_41165_1RB#0_20000~27000_20000~27000



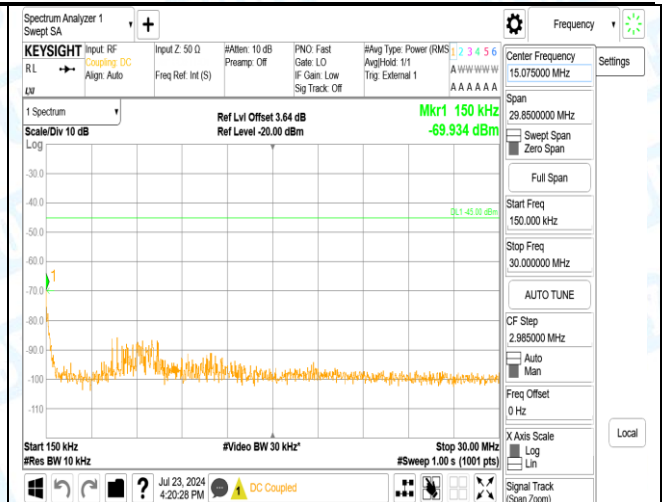
Band41_20MHz_QPSK_40340_1RB#0_0.009~0.15_0.009~0.15



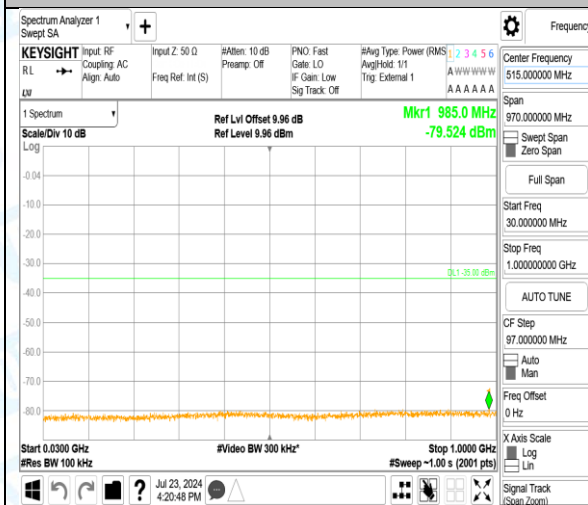
Band41_20MHz_QPSK_40340_1RB#0_0.15~30_0.15~30



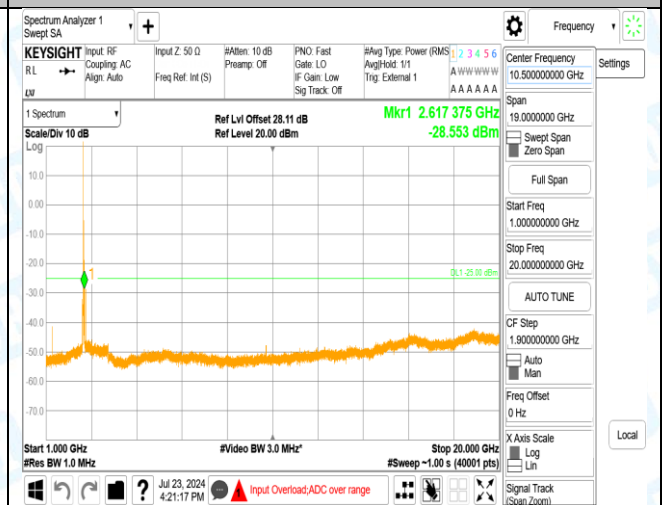
Band41_20MHz_QPSK_40340_1RB#0_30~1000_30~1000



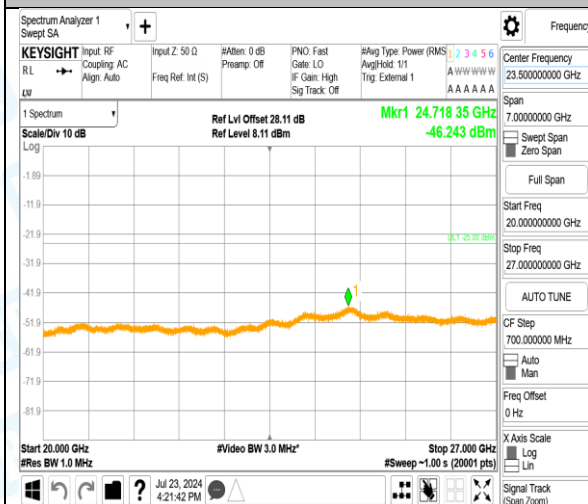
Band41_20MHz_QPSK_40340_1RB#0_1000~20000_1000~20000



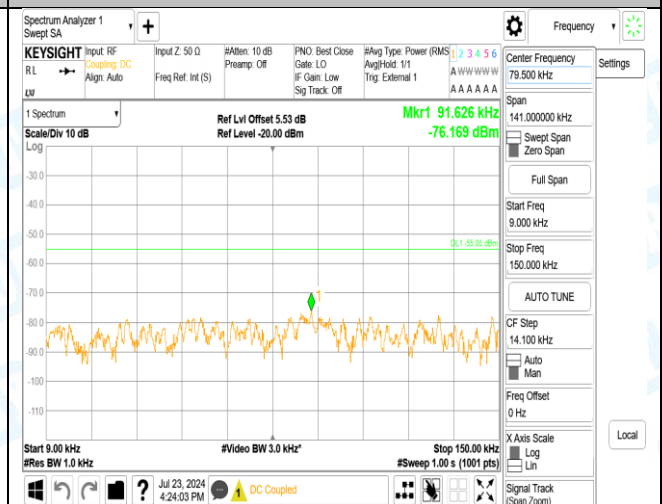
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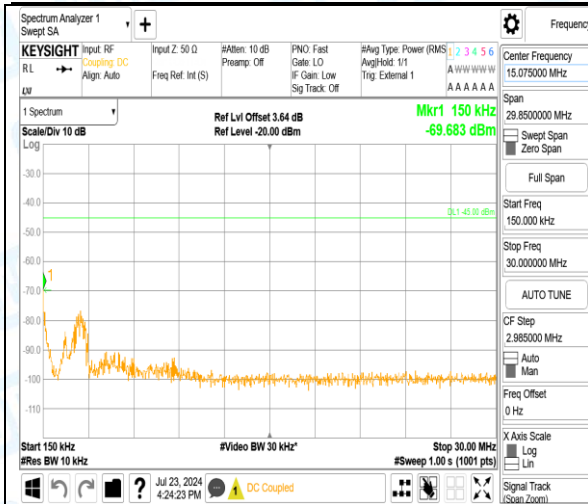
Band41_20MHz_QPSK_40690_1RB#0_0.009~0.15_0.009~0.15



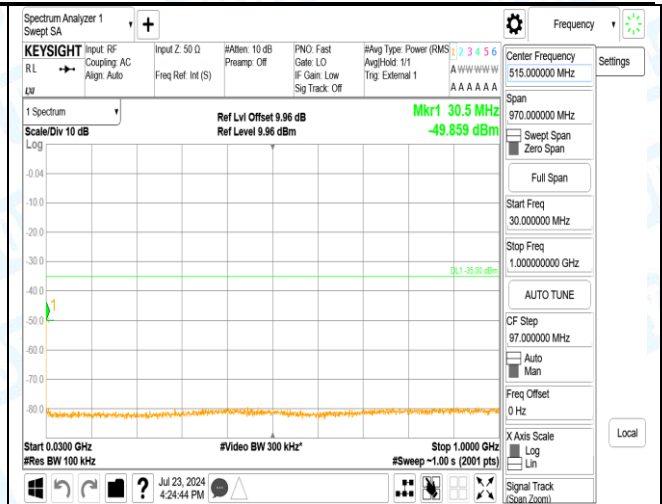
Band41_20MHz_QPSK_40690_1RB#0_0.15~30_0.15~30



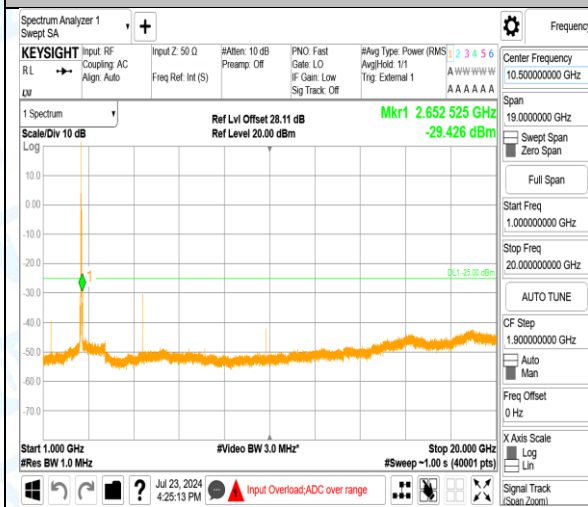
Band41_20MHz_QPSK_40690_1RB#0_30~1000_30~1000



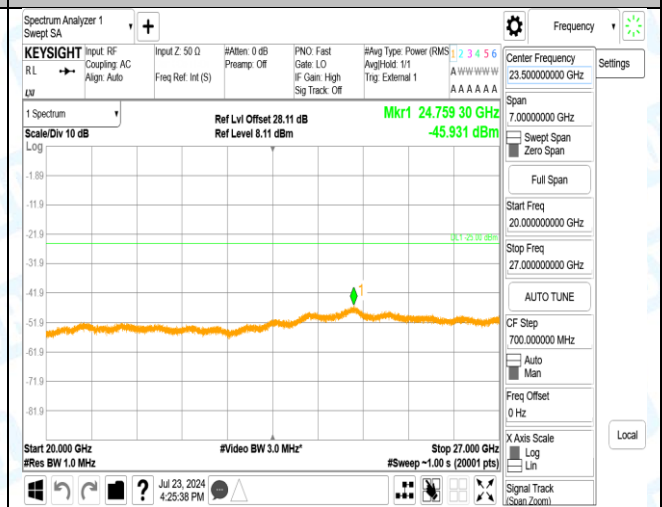
Band41_20MHz_QPSK_40690_1RB#0_1000~20000_1000~20000



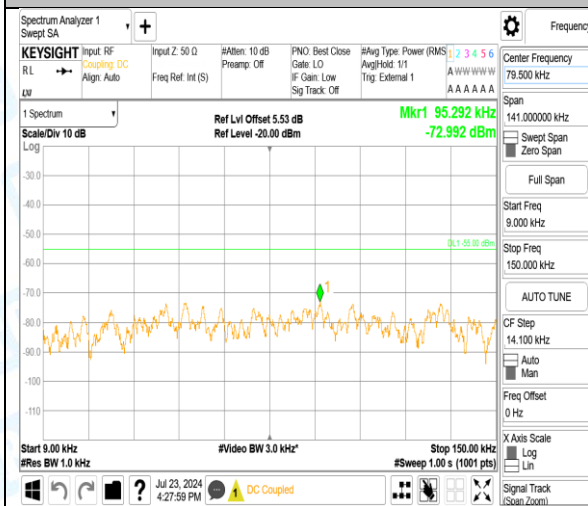
Band41_20MHz_QPSK_40690_1RB#0_20000~27000_20000~27000



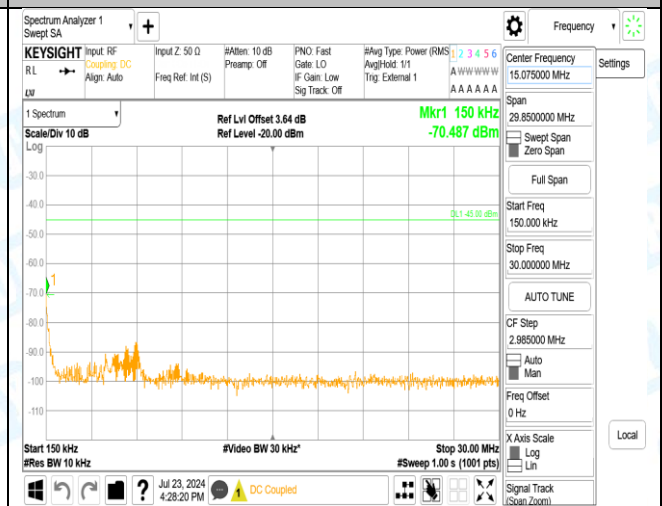
Band41_20MHz_QPSK_41140_1RB#0_0.009~0.15_0.009~0.15



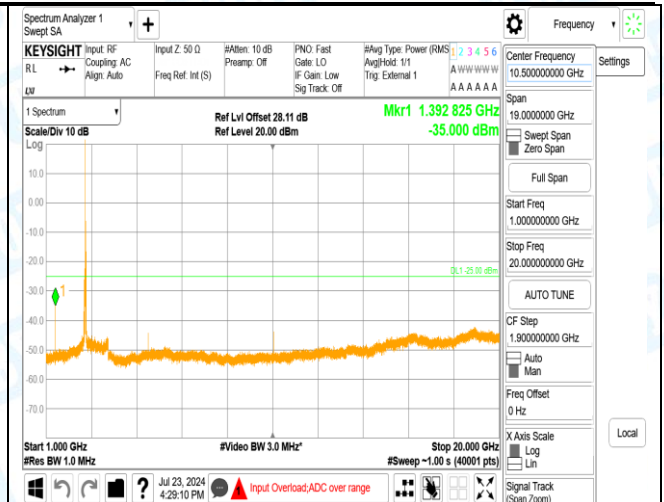
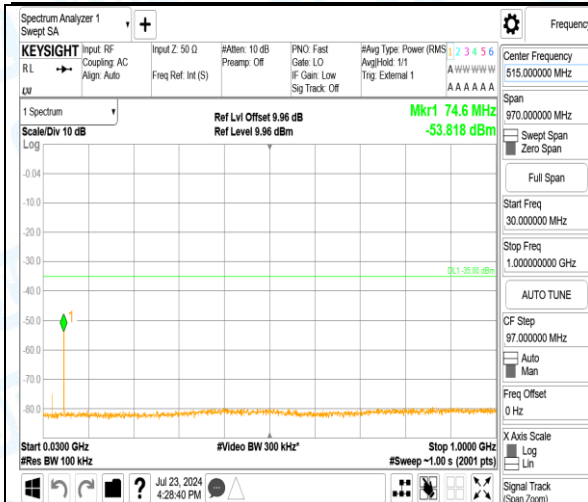
Band41_20MHz_QPSK_41140_1RB#0_0.15~30_0.15~30



Band41_20MHz_QPSK_41140_1RB#0_30~1000_30~1000

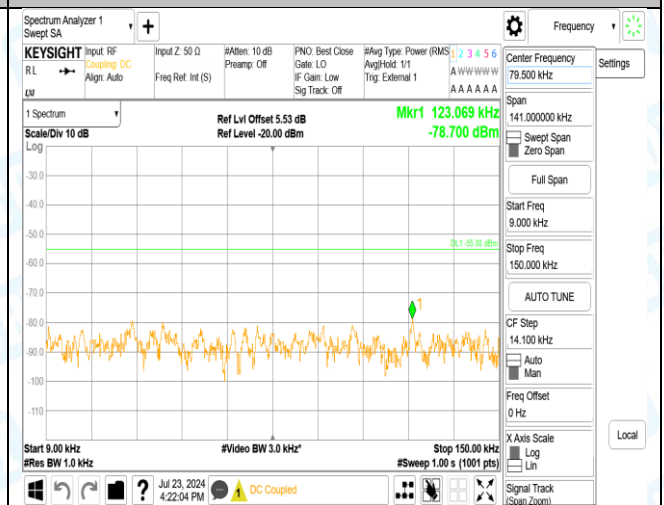
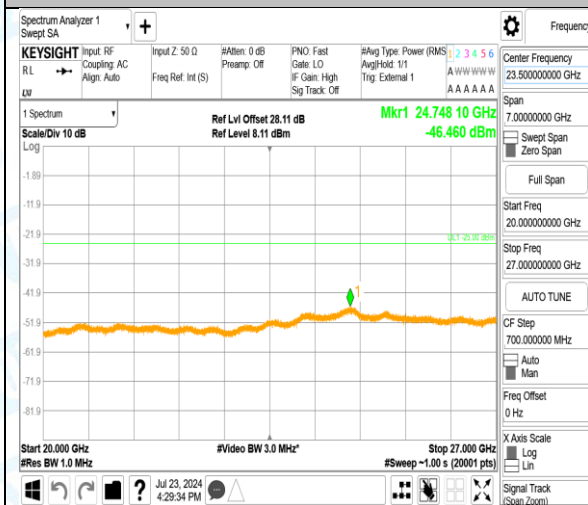


Band41_20MHz_QPSK_41140_1RB#0_1000~20000_1000~20000



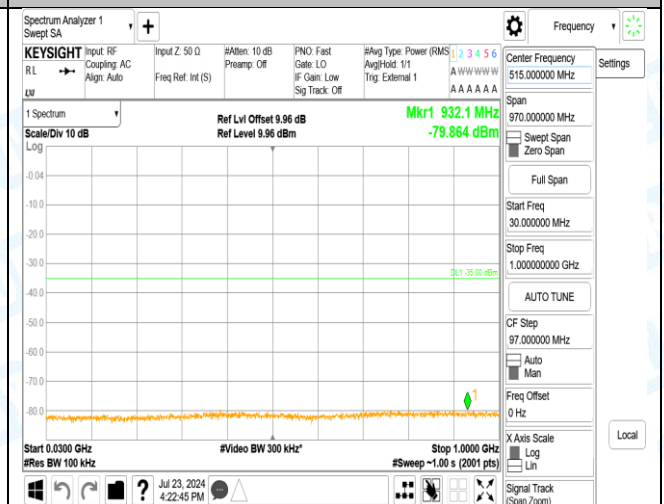
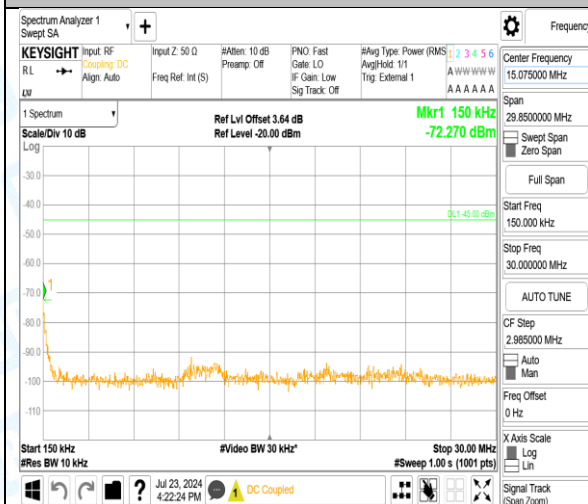
Band41_20MHz_QPSK_41140_1RB#0_20000~27000_20000~27000

Band41_20MHz_16QAM_40340_1RB#0_0.009~0.15_0.009~0.15



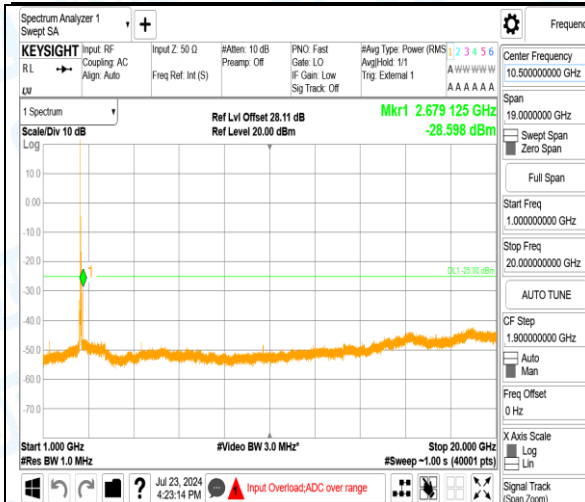
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Band41_20MHz_16QAM_40340_1RB#0_30~1000_30~1000

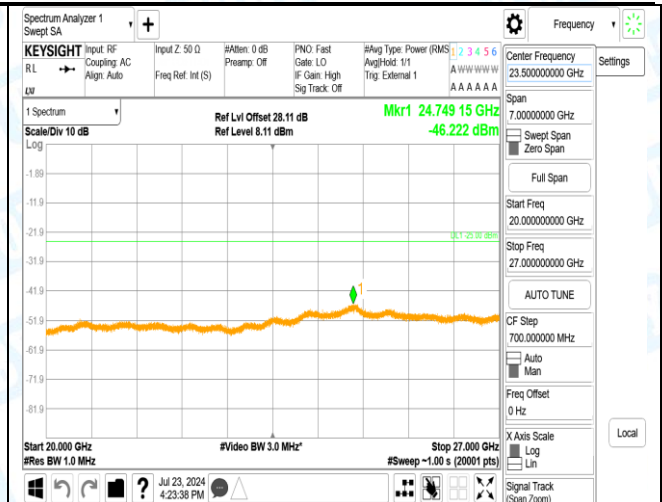


Band41_20MHz_16QAM_40340_1RB#0_1000~20000_1000~20000

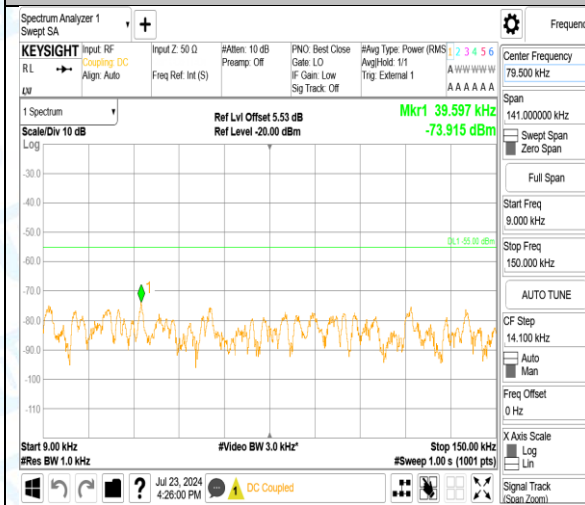
Band41_20MHz_16QAM_40340_1RB#0_20000~27000_20000~27000



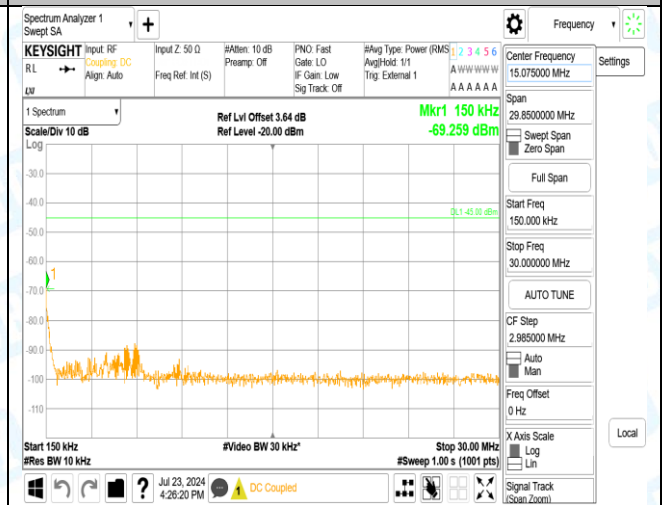
Band41_20MHz_16QAM_40690_1RB#0_0.009~0.15_0.009~0.15



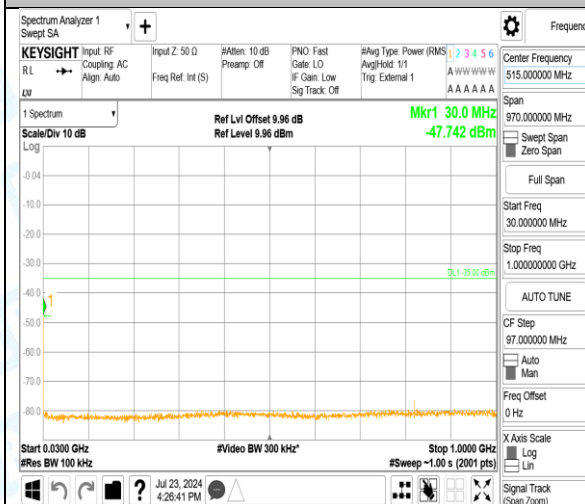
Band41_20MHz_16QAM_40690_1RB#0_0.15~30_0.15~30



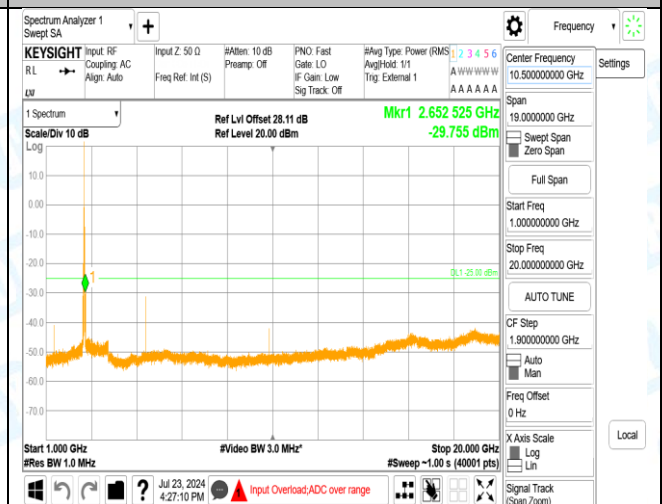
Band41_20MHz_16QAM_40690_1RB#0_30~1000_30~1000



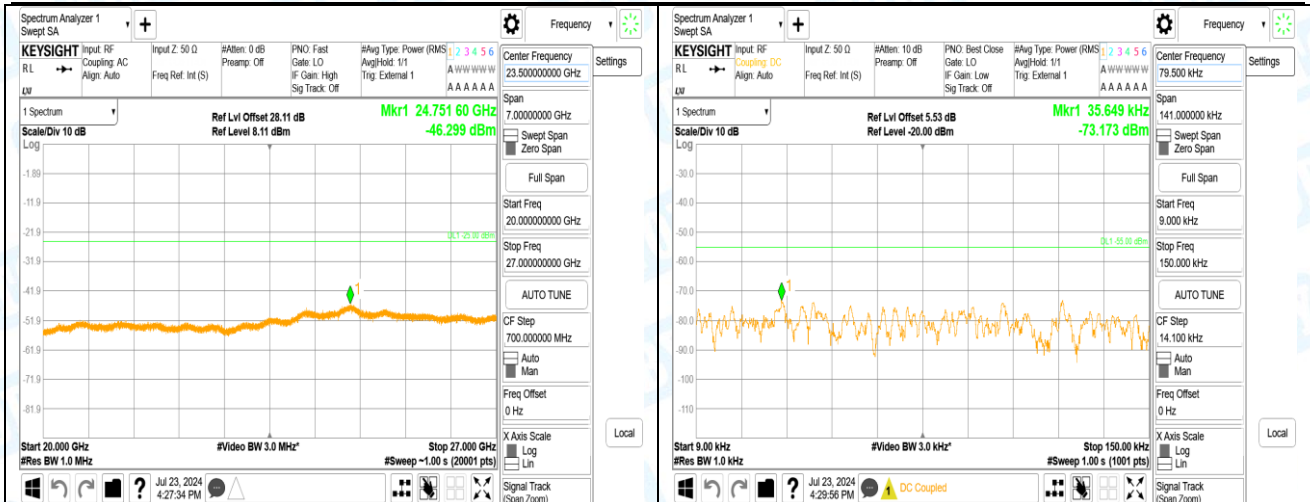
Band41_20MHz_16QAM_40690_1RB#0_1000~20000_1000~20000



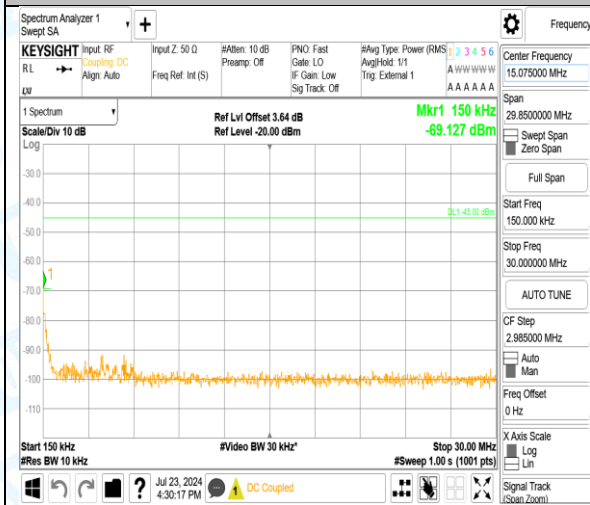
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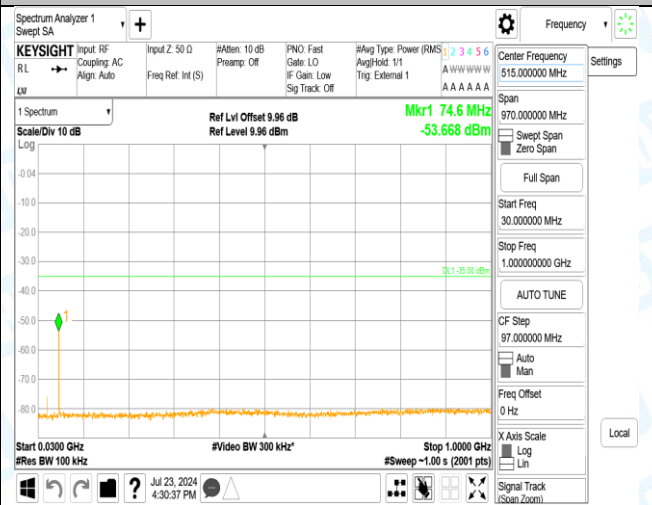
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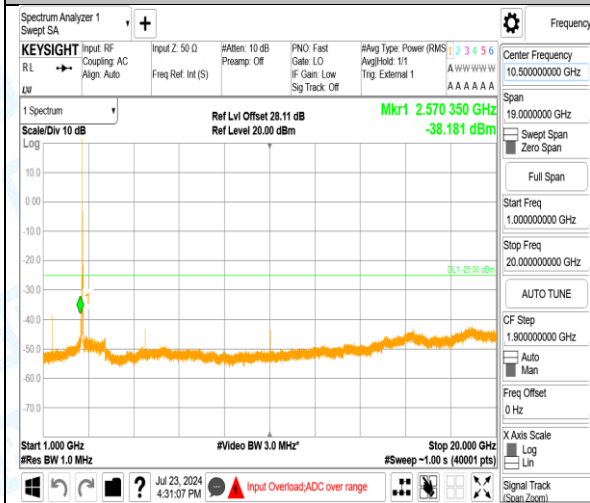
Band41_20MHz_16QAM_41140_1RB#0_0.15~30_0.15~30



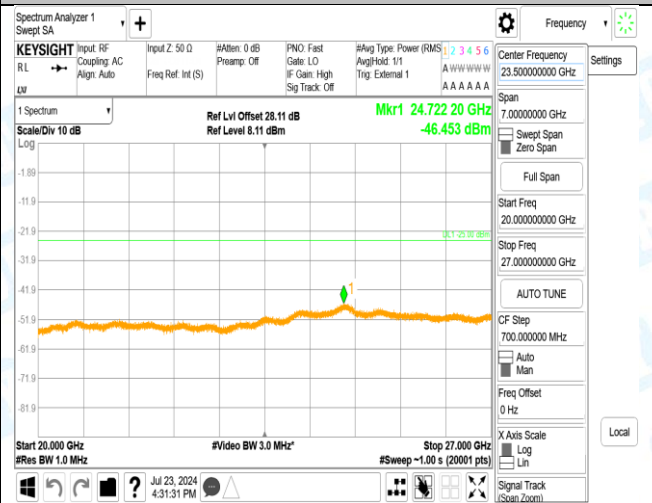
Band41_20MHz_16QAM_41140_1RB#0_30~1000_30~1000



Band41_20MHz_16QAM_41140_1RB#0_1000~20000_1000~20000



Band41_20MHz_16QAM_41140_1RB#0_20000~27000_20000~27000



6: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage					
					Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
41(2555-2655)	5MHz	QPSK	40690	25RB#0	VN	NT	-7.46	-0.002869	±2.5	PASS
41(2555-2655)	5MHz	QPSK	40690	25RB#0	VL	NT	-25.35	-0.009750	±2.5	PASS
41(2555-2655)	5MHz	QPSK	40690	25RB#0	VH	NT	-31.36	-0.012062	±2.5	PASS
41(2555-2655)	5MHz	16QAM	40690	25RB#0	VN	NT	-46.72	-0.017969	±2.5	PASS
41(2555-2655)	5MHz	16QAM	40690	25RB#0	VL	NT	-46.05	-0.017712	±2.5	PASS
41(2555-2655)	5MHz	16QAM	40690	25RB#0	VH	NT	-10.51	-0.004042	±2.5	PASS
41(2555-2655)	10MHz	QPSK	40690	50RB#0	VN	NT	-14.71	-0.005658	±2.5	PASS
41(2555-2655)	10MHz	QPSK	40690	50RB#0	VL	NT	-4.14	-0.001592	±2.5	PASS
41(2555-2655)	10MHz	QPSK	40690	50RB#0	VH	NT	-7.82	-0.003008	±2.5	PASS
41(2555-2655)	10MHz	16QAM	40690	50RB#0	VN	NT	11.33	0.004358	±2.5	PASS
41(2555-2655)	10MHz	16QAM	40690	50RB#0	VL	NT	10.46	0.004023	±2.5	PASS
41(2555-2655)	10MHz	16QAM	40690	50RB#0	VH	NT	-11.51	-0.004427	±2.5	PASS
41(2555-2655)	15MHz	QPSK	40690	75RB#0	VN	NT	-10.18	-0.003915	±2.5	PASS
41(2555-2655)	15MHz	QPSK	40690	75RB#0	VL	NT	-6.24	-0.002400	±2.5	PASS
41(2555-2655)	15MHz	QPSK	40690	75RB#0	VH	NT	-10.54	-0.004054	±2.5	PASS
41(2555-2655)	15MHz	16QAM	40690	75RB#0	VN	NT	-49.58	-0.019069	±2.5	PASS
41(2555-2655)	15MHz	16QAM	40690	75RB#0	VL	NT	-56.32	-0.021662	±2.5	PASS
41(2555-2655)	15MHz	16QAM	40690	75RB#0	VH	NT	-31.92	-0.012277	±2.5	PASS
41(2555-2655)	20MHz	QPSK	40690	100RB#0	VN	NT	-20.17	-0.007758	±2.5	PASS

41(2555-26 55)	20MHz	QPSK	40690	100RB#0	VL	NT	-18.03	-0.006935	±2.5	PASS
41(2555-26 55)	20MHz	QPSK	40690	100RB#0	VH	NT	-23.13	-0.008896	±2.5	PASS
41(2555-26 55)	20MHz	16QAM	40690	100RB#0	VN	NT	-48.45	-0.018635	±2.5	PASS
41(2555-26 55)	20MHz	16QAM	40690	100RB#0	VL	NT	-54.97	-0.021142	±2.5	PASS
41(2555-26 55)	20MHz	16QAM	40690	100RB#0	VH	NT	8.89	0.003419	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
41(2555-2655)	5MHz	QPSK	40690	25RB#0	NV	-30	-45.98	-0.017685	±2.5	PASS
41(2555-2655)	5MHz	QPSK	40690	25RB#0	NV	-20	-52.26	-0.020100	±2.5	PASS
41(2555-2655)	5MHz	QPSK	40690	25RB#0	NV	-10	-31.50	-0.012115	±2.5	PASS
41(2555-2655)	5MHz	QPSK	40690	25RB#0	NV	0	-37.65	-0.014481	±2.5	PASS
41(2555-2655)	5MHz	QPSK	40690	25RB#0	NV	10	-39.98	-0.015377	±2.5	PASS
41(2555-2655)	5MHz	QPSK	40690	25RB#0	NV	20	-37.92	-0.014585	±2.5	PASS
41(2555-2655)	5MHz	QPSK	40690	25RB#0	NV	30	-39.95	-0.015365	±2.5	PASS
41(2555-2655)	5MHz	QPSK	40690	25RB#0	NV	40	-44.44	-0.017092	±2.5	PASS
41(2555-2655)	5MHz	QPSK	40690	25RB#0	NV	50	-49.49	-0.019035	±2.5	PASS
41(2555-2655)	5MHz	16QAM	40690	25RB#0	NV	-30	-42.25	-0.016250	±2.5	PASS
41(2555-2655)	5MHz	16QAM	40690	25RB#0	NV	-20	-15.71	-0.006042	±2.5	PASS
41(2555-2655)	5MHz	16QAM	40690	25RB#0	NV	-10	-8.48	-0.003262	±2.5	PASS
41(2555-2655)	5MHz	16QAM	40690	25RB#0	NV	0	-43.36	-0.016677	±2.5	PASS
41(2555-2655)	5MHz	16QAM	40690	25RB#0	NV	10	5.14	0.001977	±2.5	PASS
41(2555-2655)	5MHz	16QAM	40690	25RB#0	NV	20	19.75	0.007596	±2.5	PASS
41(2555-2655)	5MHz	16QAM	40690	25RB#0	NV	30	43.99	0.016919	±2.5	PASS
41(2555-2655)	5MHz	16QAM	40690	25RB#0	NV	40	28.95	0.011135	±2.5	PASS
41(2555-2655)	5MHz	16QAM	40690	25RB#0	NV	50	43.98	0.016915	±2.5	PASS
41(2555-2655)	10MHz	QPSK	40690	50RB#0	NV	-30	4.42	0.001700	±2.5	PASS
41(2555-2655)	10MHz	QPSK	40690	50RB#0	NV	-20	-23.60	-0.009077	±2.5	PASS
41(2555-2655)	10MHz	QPSK	40690	50RB#0	NV	-10	-35.32	-0.013585	±2.5	PASS
41(2555-2655)	10MHz	QPSK	40690	50RB#0	NV	0	-37.82	-0.014546	±2.5	PASS
41(2555-2655)	10MHz	QPSK	40690	50RB#0	NV	10	-44.82	-0.017238	±2.5	PASS
41(2555-2655)	10MHz	QPSK	40690	50RB#0	NV	20	-43.57	-0.016758	±2.5	PASS
41(2555-2655)	10MHz	QPSK	40690	50RB#0	NV	30	-50.90	-0.019577	±2.5	PASS
41(2555-2655)	10MHz	QPSK	40690	50RB#0	NV	40	13.34	0.005131	±2.5	PASS
41(2555-2655)	10MHz	QPSK	40690	50RB#0	NV	50	14.91	0.005735	±2.5	PASS
41(2555-2655)	10MHz	16QAM	40690	50RB#0	NV	-30	-11.21	-0.004312	±2.5	PASS
41(2555-2655)	10MHz	16QAM	40690	50RB#0	NV	-20	-11.32	-0.004354	±2.5	PASS
41(2555-2655)	10MHz	16QAM	40690	50RB#0	NV	-10	7.12	0.002738	±2.5	PASS
41(2555-2655)	10MHz	16QAM	40690	50RB#0	NV	0	12.49	0.004804	±2.5	PASS
41(2555-2655)	10MHz	16QAM	40690	50RB#0	NV	10	22.43	0.008627	±2.5	PASS
41(2555-2655)	10MHz	16QAM	40690	50RB#0	NV	20	23.07	0.008873	±2.5	PASS
41(2555-2655)	10MHz	16QAM	40690	50RB#0	NV	30	25.95	0.009981	±2.5	PASS
41(2555-2655)	10MHz	16QAM	40690	50RB#0	NV	40	32.58	0.012531	±2.5	PASS
41(2555-2655)	10MHz	16QAM	40690	50RB#0	NV	50	21.23	0.008165	±2.5	PASS
41(2555-2655)	15MHz	QPSK	40690	75RB#0	NV	-30	-14.48	-0.005569	±2.5	PASS
41(2555-2655)	15MHz	QPSK	40690	75RB#0	NV	-20	-30.23	-0.011627	±2.5	PASS
41(2555-2655)	15MHz	QPSK	40690	75RB#0	NV	-10	-43.72	-0.016815	±2.5	PASS
41(2555-2655)	15MHz	QPSK	40690	75RB#0	NV	0	-53.09	-0.020419	±2.5	PASS