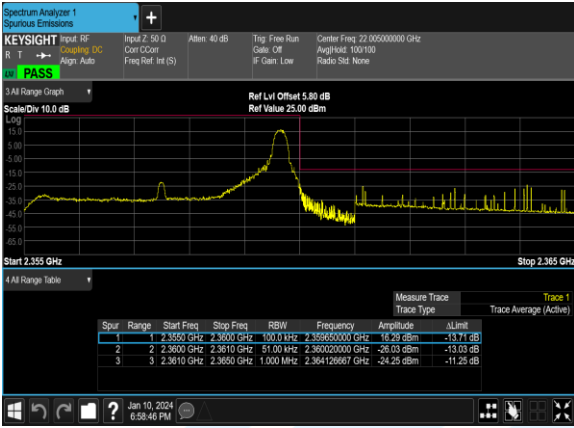
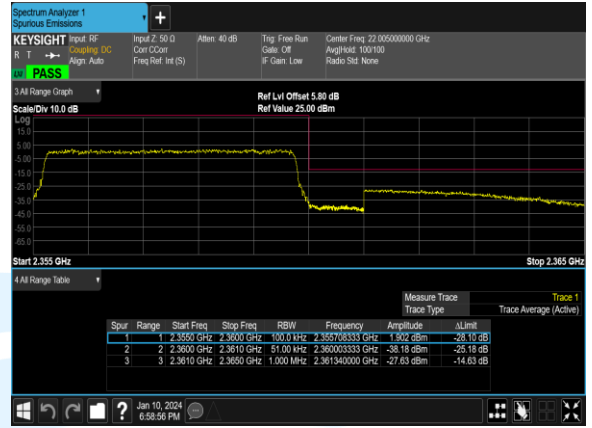


B40_5M_16QAM_1@24_CH_39225



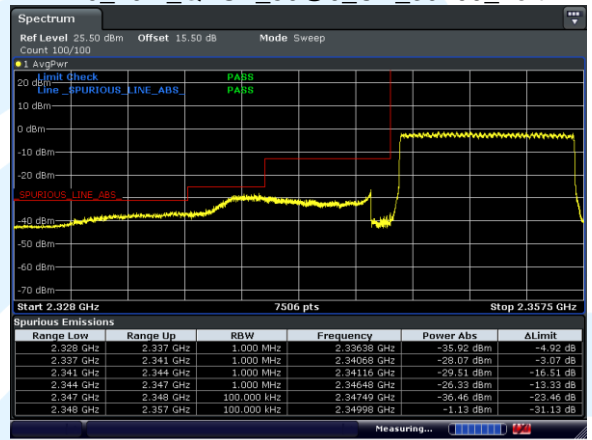
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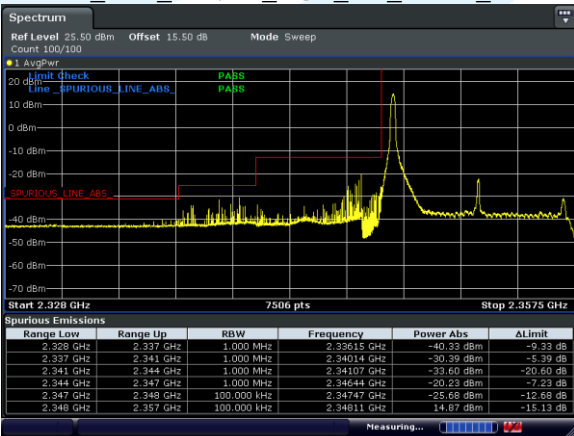
B40_10M_QPSK_1@0_CH_39200_Left



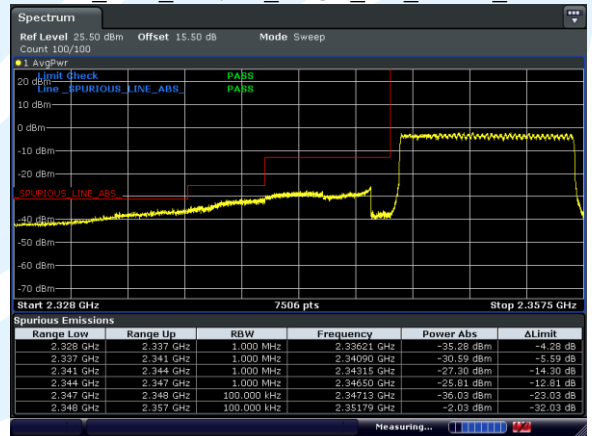
B40_10M_QPSK_50@0_CH_39200_Left



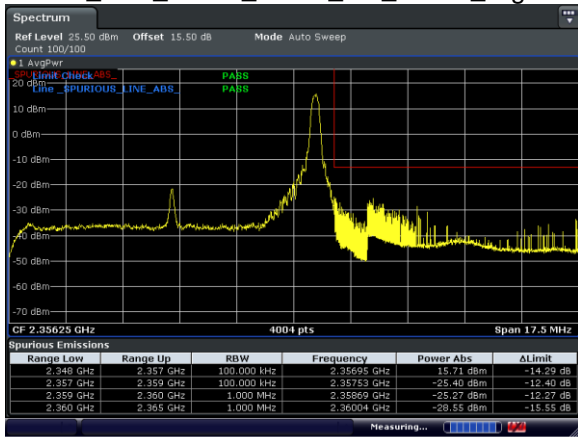
B40_10M_16QAM_1@0_CH_39200_Left



B40_10M_16QAM_50@0_CH_39200_Left



B40_10M_QPSK_1@49_CH_39200_Right



Date: 2, JAN, 2024 21:46:33

B40_10M_QPSK_50@0_CH_39200_Right



Date: 2, JAN, 2024 21:45:57

B40_10M_16QAM_1@49_CH_39200_Right



Date: 2, JAN, 2024 21:47:15

B40_10M_16QAM_50@0_CH_39200_Right



Date: 2, JAN, 2024 21:45:03

A.15 LTE BAND 41

Peak to Average Ratio

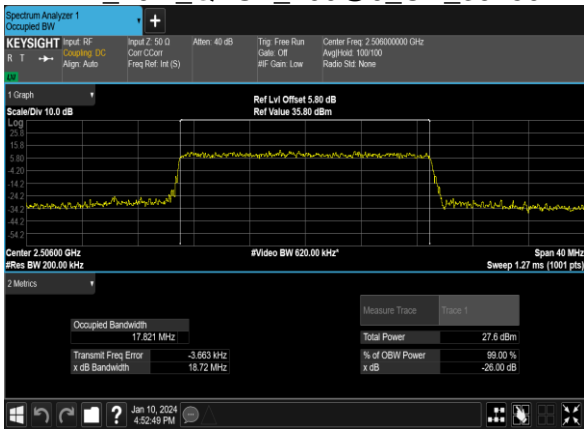
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	20.0	39750	2506.0	QPSK	100@0	6.09	13	PASS
41	20.0	39750	2506.0	16QAM	100@0	7.12	13	PASS
41	20.0	40620	2593.0	QPSK	100@0	6.51	13	PASS
41	20.0	40620	2593.0	16QAM	100@0	7.58	13	PASS
41	20.0	41490	2680.0	QPSK	100@0	6.46	13	PASS
41	20.0	41490	2680.0	16QAM	100@0	7.25	13	PASS
41	15.0	39725	2503.5	QPSK	75@0	6.38	13	FAIL
41	15.0	39725	2503.5	16QAM	75@0	7.03	13	PASS
41	15.0	40620	2593.0	QPSK	75@0	6.57	13	PASS
41	15.0	40620	2593.0	16QAM	75@0	7.52	13	PASS
41	15.0	41515	2682.5	QPSK	75@0	6.72	13	PASS
41	15.0	41515	2682.5	16QAM	75@0	7.44	13	PASS
41	10.0	39700	2501.0	QPSK	50@0	6.26	13	FAIL
41	10.0	39700	2501.0	16QAM	50@0	6.96	13	PASS
41	10.0	40620	2593.0	QPSK	50@0	6.18	13	PASS
41	10.0	40620	2593.0	16QAM	50@0	7.17	13	PASS
41	10.0	41540	2685.0	QPSK	50@0	6.61	13	PASS
41	10.0	41540	2685.0	16QAM	50@0	7.68	13	PASS
41	5.0	39675	2498.5	QPSK	25@0	6.21	13	FAIL
41	5.0	39675	2498.5	16QAM	25@0	6.61	13	PASS
41	5.0	40620	2593.0	QPSK	25@0	6.17	13	PASS
41	5.0	40620	2593.0	16QAM	25@0	7.29	13	PASS
41	5.0	41565	2687.5	QPSK	25@0	6.79	13	PASS
41	5.0	41565	2687.5	16QAM	25@0	7.18	13	PASS

Occupied Bandwidth

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
41	20.0	39750	2506.0	QPSK	100@0	17.821	18.72
41	20.0	39750	2506.0	16QAM	100@0	17.806	18.69
41	20.0	40620	2593.0	QPSK	100@0	17.839	18.56
41	20.0	40620	2593.0	16QAM	100@0	17.831	18.93
41	20.0	41490	2680.0	QPSK	100@0	17.875	18.62
41	20.0	41490	2680.0	16QAM	100@0	17.817	18.58
41	15.0	39725	2503.5	QPSK	75@0	13.370	14.06
41	15.0	39725	2503.5	16QAM	75@0	13.412	14.24
41	15.0	40620	2593.0	QPSK	75@0	13.374	14.25
41	15.0	40620	2593.0	16QAM	75@0	13.385	14.16
41	15.0	41515	2682.5	QPSK	75@0	13.419	14.03
41	15.0	41515	2682.5	16QAM	75@0	13.421	14.13
41	10.0	39700	2501.0	QPSK	50@0	8.9023	9.310
41	10.0	39700	2501.0	16QAM	50@0	8.9342	9.512
41	10.0	40620	2593.0	QPSK	50@0	8.9474	9.414
41	10.0	40620	2593.0	16QAM	50@0	8.9541	9.420
41	10.0	41540	2685.0	QPSK	50@0	8.9185	9.509
41	10.0	41540	2685.0	16QAM	50@0	8.9425	9.349
41	5.0	39675	2498.5	QPSK	25@0	4.4655	4.957
41	5.0	39675	2498.5	16QAM	25@0	4.4639	4.783
41	5.0	40620	2593.0	QPSK	25@0	4.4501	4.738
41	5.0	40620	2593.0	16QAM	25@0	4.4655	4.791
41	5.0	41565	2687.5	QPSK	25@0	4.4892	4.765
41	5.0	41565	2687.5	16QAM	25@0	4.4497	4.783

Test Graphs

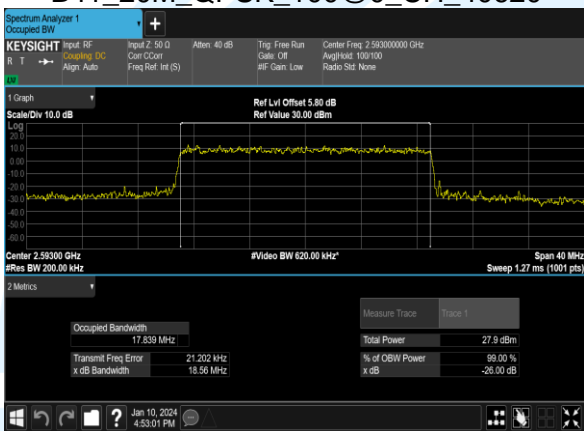
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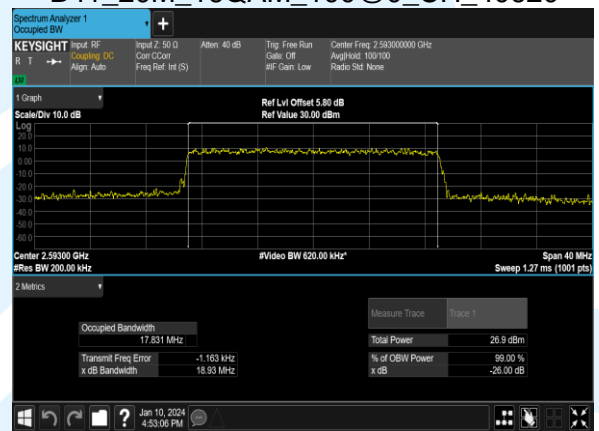
B41_20M_16QAM_100@0_CH_39750



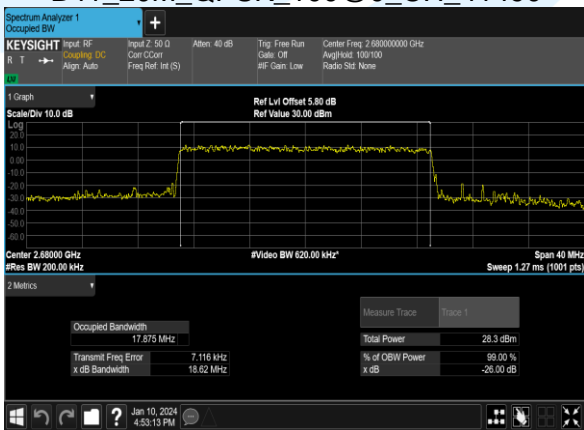
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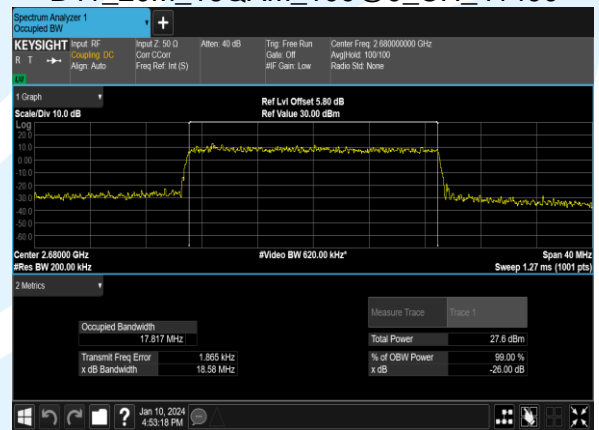
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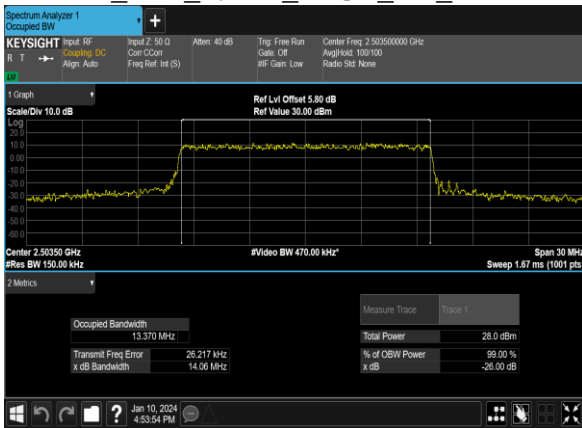
B41_20M_QPSK_100@0_CH_41490



B41_20M_16QAM_100@0_CH_41490



B41_15M_QPSK_75@0_CH_39725



B41_15M_16QAM_75@0_CH_39725



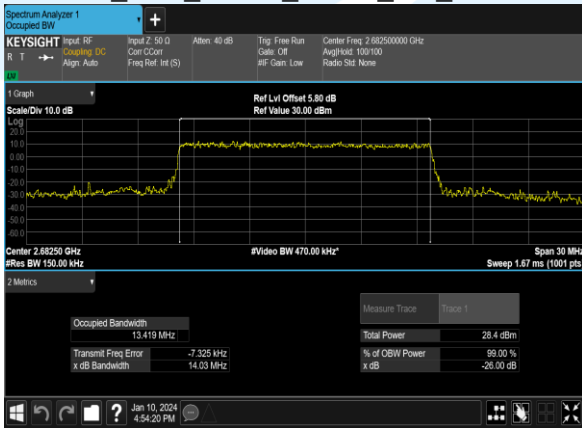
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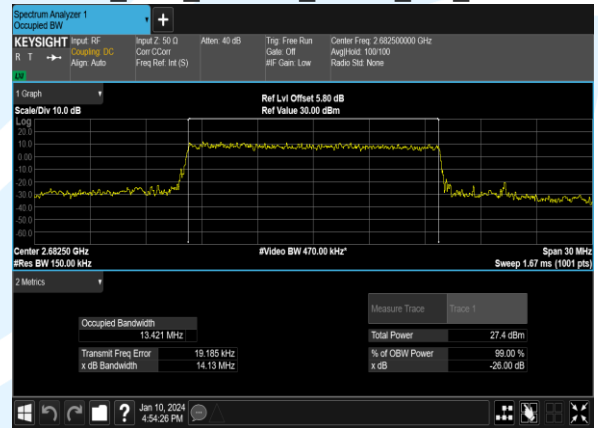
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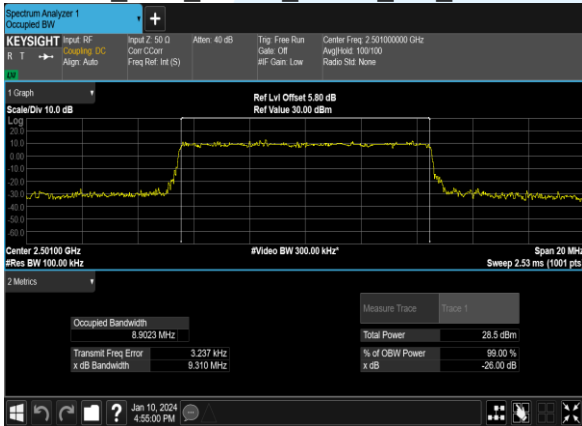
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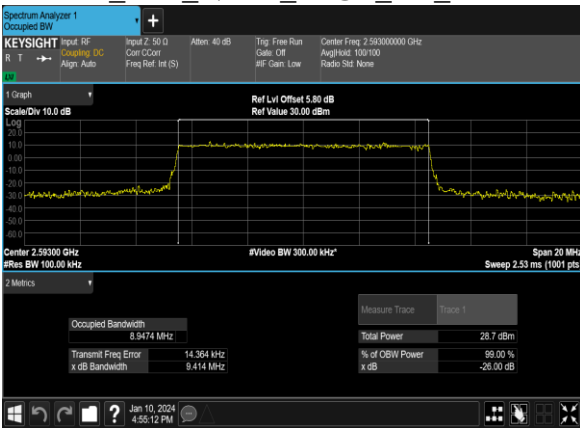
B41_10M_QPSK_50@0_CH_39700



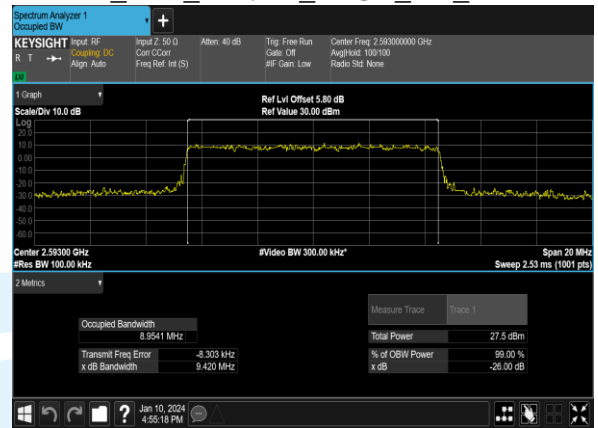
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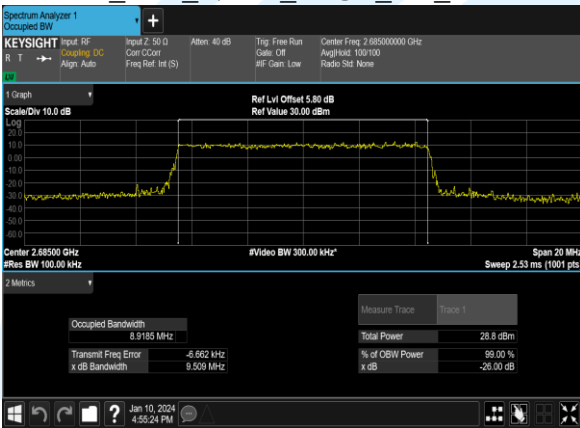
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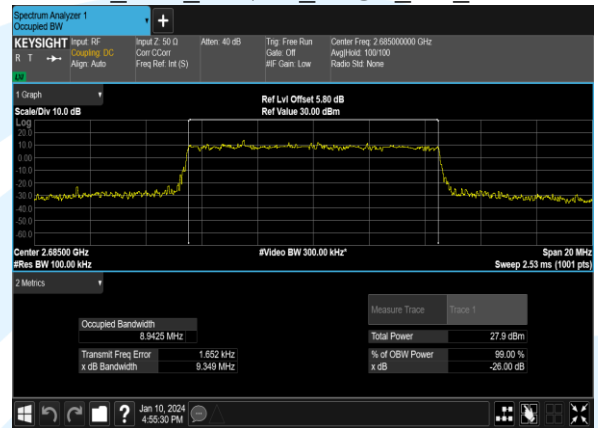
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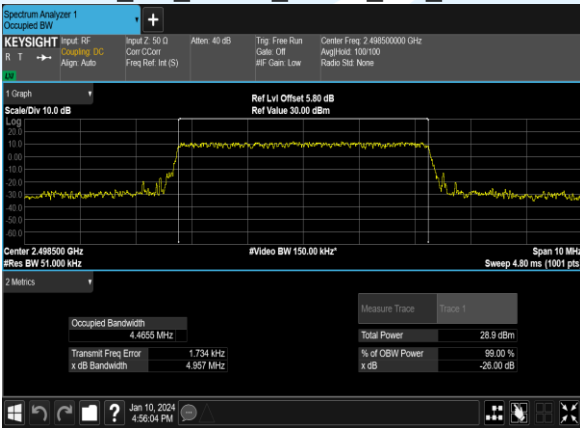
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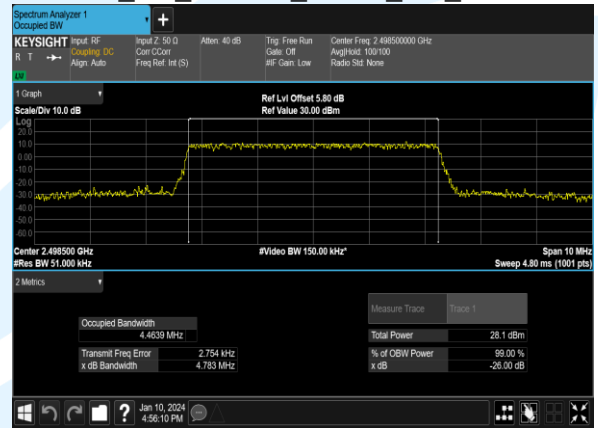
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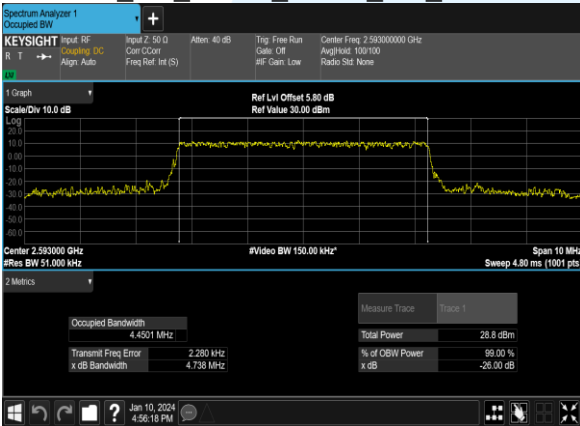
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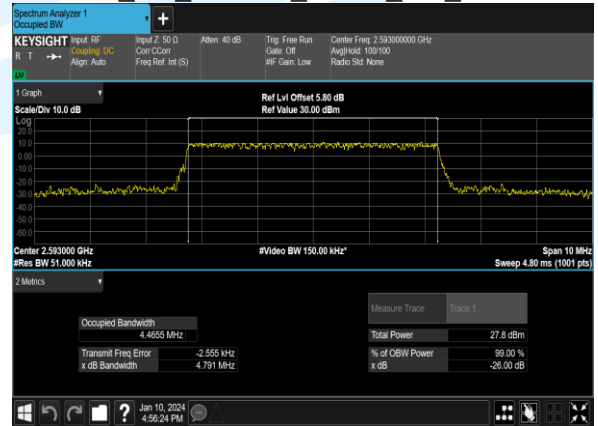
B41_5M_16QAM_25@0_CH_39675



B41_5M_QPSK_25@0_CH_40620



B41_5M_16QAM_25@0_CH_40620



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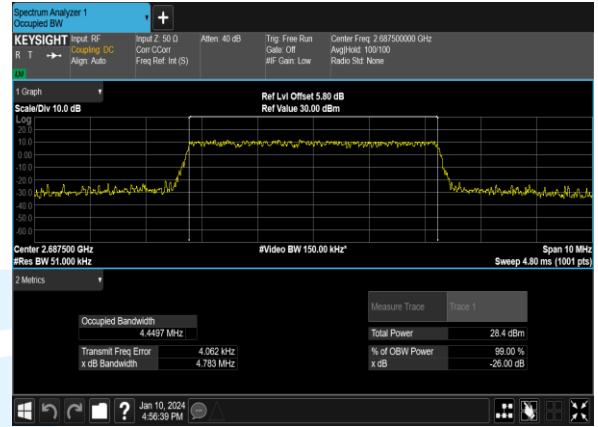
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B41_5M_QPSK_25@0_CH_41565



B41_5M_16QAM_25@0_CH_41565

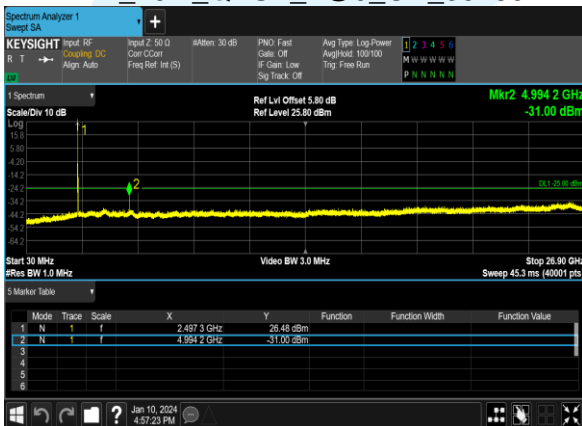


Conducted Spurious Emissions

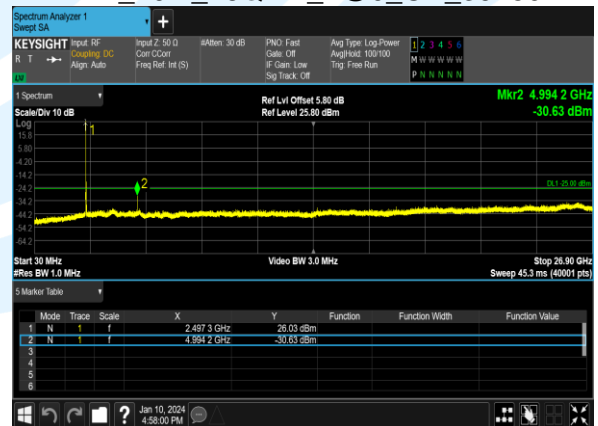
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dBm)	Limit (dBm)	Verdict
41	20.0	39750	2506.0	QPSK	1@0	-31.0	-25	PASS
41	20.0	39750	2506.0	16QAM	1@0	-30.63	-25	PASS
41	20.0	40620	2593.0	QPSK	1@0	-35.69	-25	PASS
41	20.0	40620	2593.0	16QAM	1@0	-35.37	-25	PASS
41	20.0	41490	2680.0	QPSK	1@0	-35.4	-25	PASS
41	20.0	41490	2680.0	16QAM	1@0	-35.08	-25	PASS
41	15.0	39725	2503.5	QPSK	1@0	-31.53	-25	PASS
41	15.0	39725	2503.5	16QAM	1@0	-32.08	-25	PASS
41	15.0	40620	2593.0	QPSK	1@0	-35.6	-25	PASS
41	15.0	40620	2593.0	16QAM	1@0	-35.26	-25	PASS
41	15.0	41515	2682.5	QPSK	1@0	-34.71	-25	PASS
41	15.0	41515	2682.5	16QAM	1@0	-34.46	-25	PASS
41	10.0	39700	2501.0	QPSK	1@0	-29.91	-25	PASS
41	10.0	39700	2501.0	16QAM	1@0	-31.19	-25	PASS
41	10.0	40620	2593.0	QPSK	1@0	-35.3	-25	PASS
41	10.0	40620	2593.0	16QAM	1@0	-35.7	-25	PASS
41	10.0	41540	2685.0	QPSK	1@0	-35.08	-25	PASS
41	10.0	41540	2685.0	16QAM	1@0	-35.04	-25	PASS
41	5.0	39675	2498.5	QPSK	1@0	-30.63	-25	PASS
41	5.0	39675	2498.5	16QAM	1@0	-30.95	-25	PASS
41	5.0	40620	2593.0	QPSK	1@0	-34.61	-25	PASS
41	5.0	40620	2593.0	16QAM	1@0	-34.69	-25	PASS
41	5.0	41565	2687.5	QPSK	1@0	-35.33	-25	PASS
41	5.0	41565	2687.5	16QAM	1@0	-35.58	-25	PASS

Test Graphs

B41_20M_QPSK_1@0_CH_39750



B41_20M_16QAM_1@0_CH_39750



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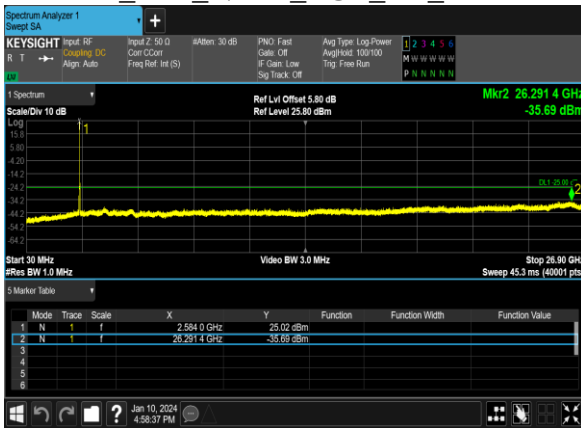
Fax: +86-755-28230886

E-mail: info@uttlab.com

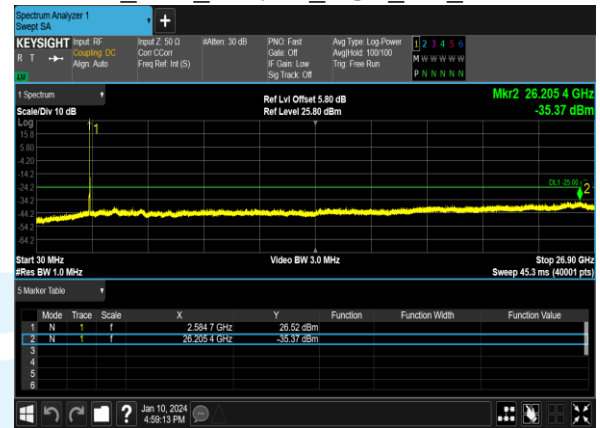
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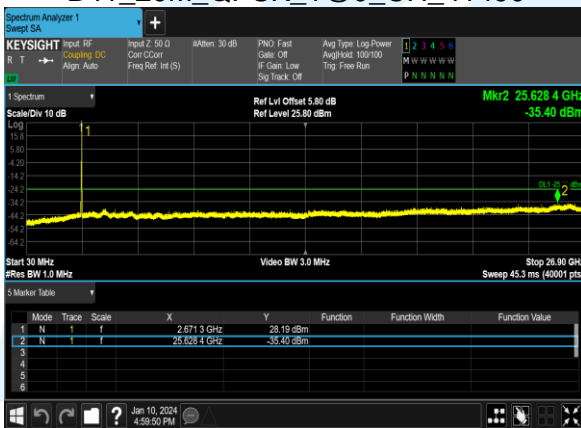
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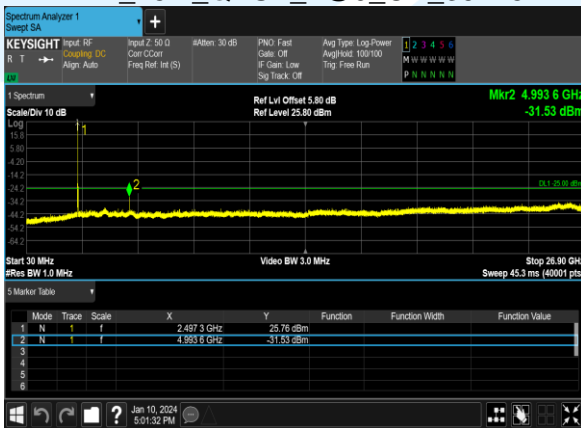
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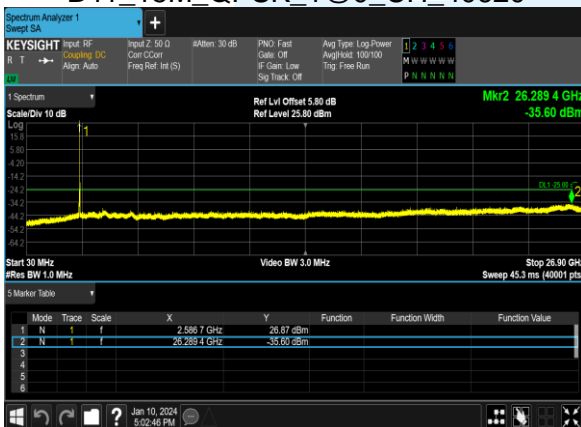
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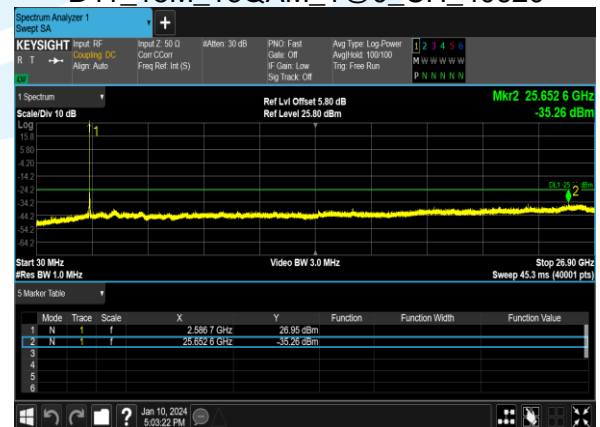
B41_15M_16QAM_1@0_CH_39725



B41_15M_QPSK_1@0_CH_40620



B41_15M_16QAM_1@0_CH_40620



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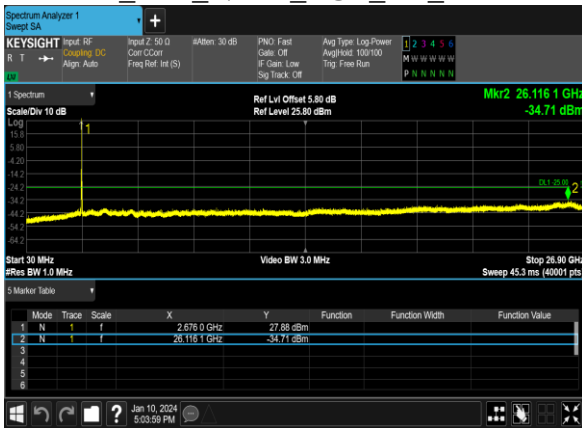
Fax: +86-755-28230886

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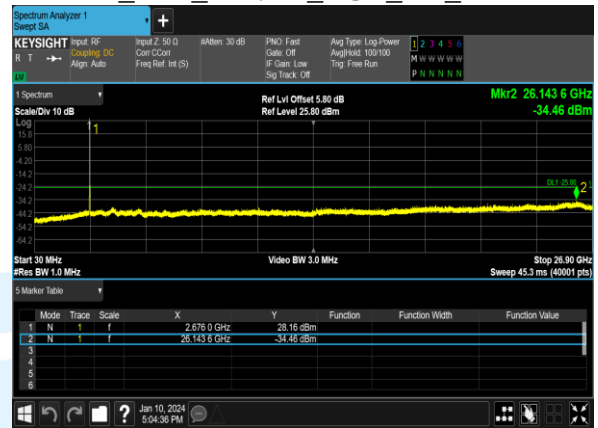
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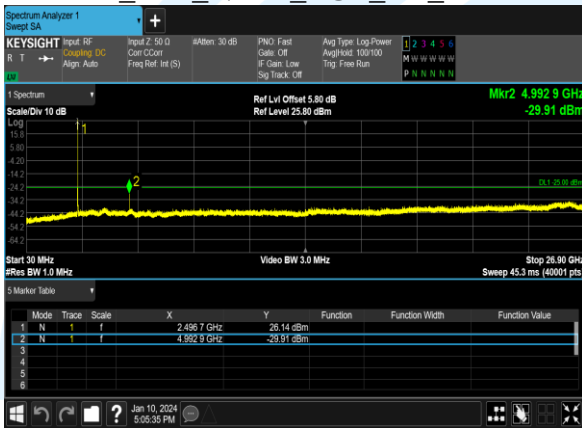
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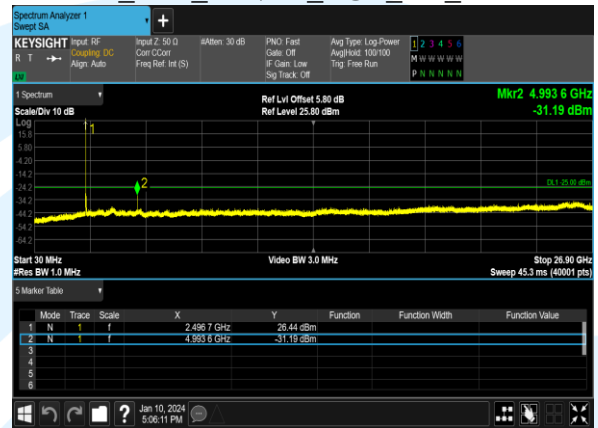
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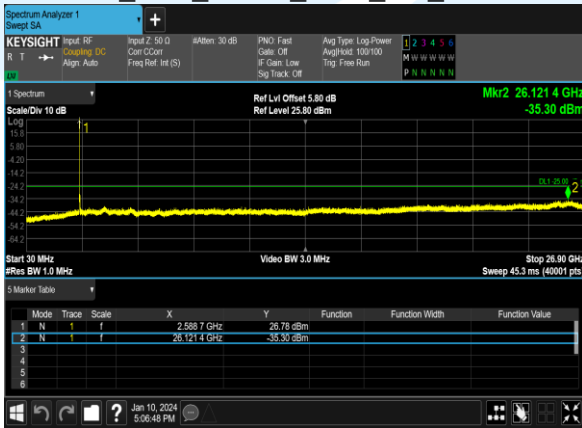
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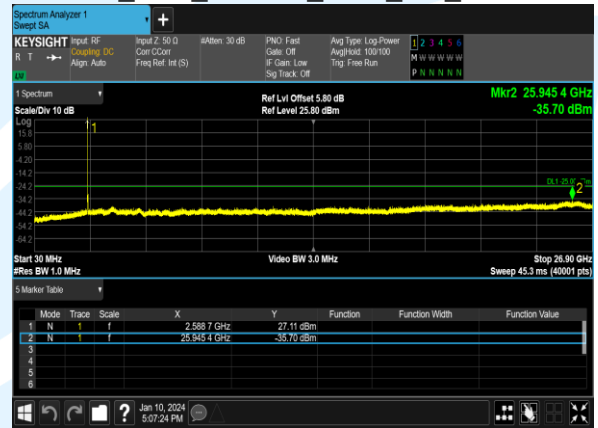
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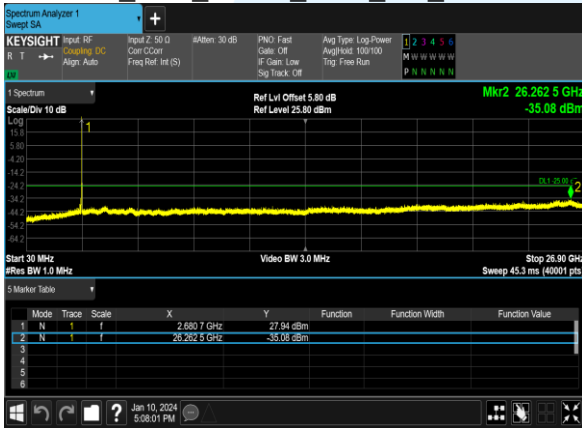
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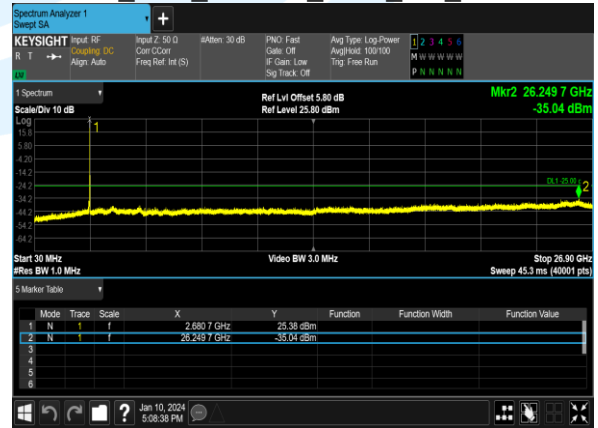
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B41_10M_QPSK_1@0_CH_41540



B41_10M_16QAM_1@0_CH_41540



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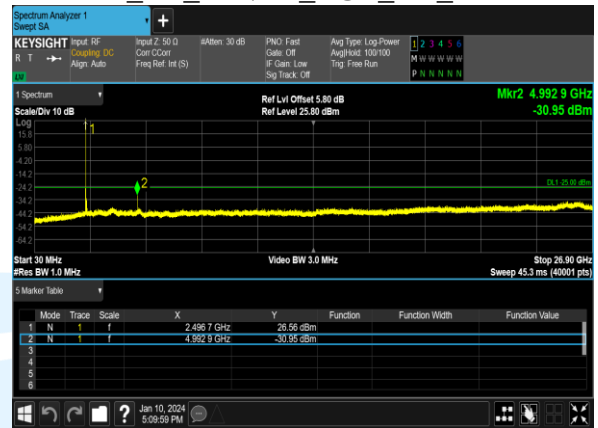
<http://www.uttlab.com>

UTTR-RF-FCC4G-V1.1

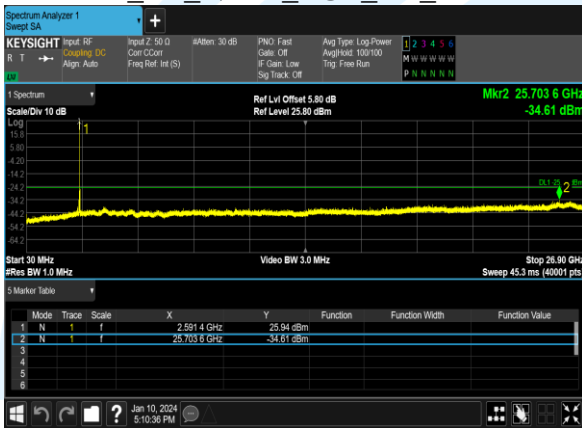
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B41_5M_16QAM_1@0_CH_39675



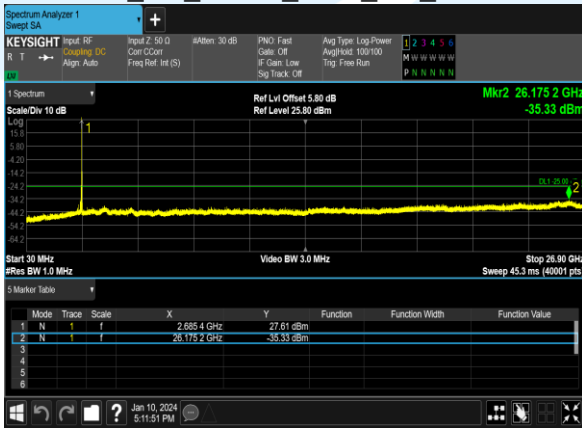
B41_5M_QPSK_1@0_CH_40620



B41_5M_16QAM_1@0_CH_40620



B41_5M_QPSK_1@0_CH_41565



B41_5M_16QAM_1@0_CH_41565

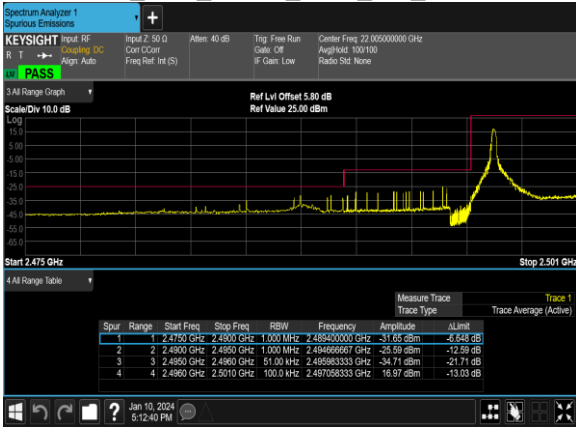


Conducted Band Edge

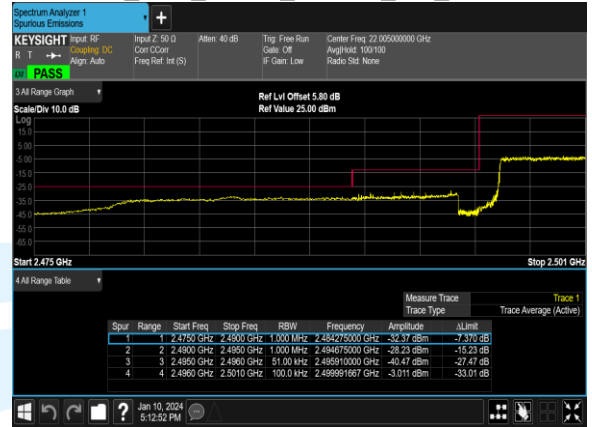
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result	Verdict
41	20.0	39750	2506.0	QPSK	1@0	see graph	PASS
41	20.0	39750	2506.0	QPSK	100@0	see graph	PASS
41	20.0	39750	2506.0	16QAM	1@0	see graph	PASS
41	20.0	39750	2506.0	16QAM	100@0	see graph	PASS
41	20.0	41490	2680.0	QPSK	1@99	see graph	PASS
41	20.0	41490	2680.0	QPSK	100@0	see graph	PASS
41	20.0	41490	2680.0	16QAM	1@99	see graph	PASS
41	20.0	41490	2680.0	16QAM	100@0	see graph	PASS
41	15.0	39725	2503.5	QPSK	1@0	see graph	PASS
41	15.0	39725	2503.5	QPSK	75@0	see graph	PASS
41	15.0	39725	2503.5	16QAM	1@0	see graph	PASS
41	15.0	39725	2503.5	16QAM	75@0	see graph	PASS
41	15.0	41515	2682.5	QPSK	1@74	see graph	PASS
41	15.0	41515	2682.5	QPSK	75@0	see graph	PASS
41	15.0	41515	2682.5	16QAM	1@74	see graph	PASS
41	15.0	41515	2682.5	16QAM	75@0	see graph	PASS
41	10.0	39700	2501.0	QPSK	1@0	see graph	PASS
41	10.0	39700	2501.0	QPSK	50@0	see graph	PASS
41	10.0	39700	2501.0	16QAM	1@0	see graph	PASS
41	10.0	39700	2501.0	16QAM	50@0	see graph	PASS
41	10.0	41540	2685.0	QPSK	1@49	see graph	PASS
41	10.0	41540	2685.0	QPSK	50@0	see graph	PASS
41	10.0	41540	2685.0	16QAM	1@49	see graph	PASS
41	10.0	41540	2685.0	16QAM	50@0	see graph	PASS
41	5.0	39675	2498.5	QPSK	1@0	see graph	PASS
41	5.0	39675	2498.5	QPSK	25@0	see graph	PASS
41	5.0	39675	2498.5	16QAM	1@0	see graph	PASS
41	5.0	39675	2498.5	16QAM	25@0	see graph	PASS
41	5.0	41565	2687.5	QPSK	1@24	see graph	PASS
41	5.0	41565	2687.5	QPSK	25@0	see graph	PASS
41	5.0	41565	2687.5	16QAM	1@24	see graph	PASS
41	5.0	41565	2687.5	16QAM	25@0	see graph	PASS

Test Graphs

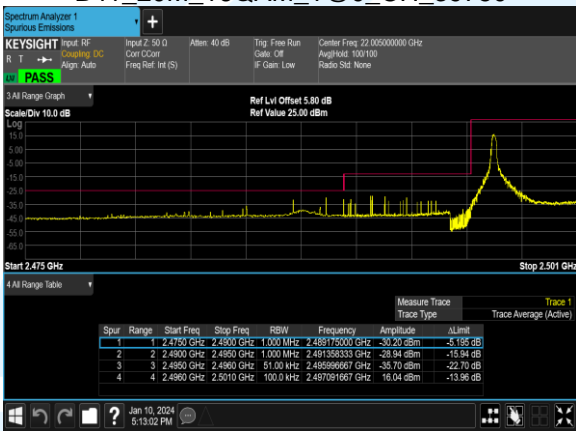
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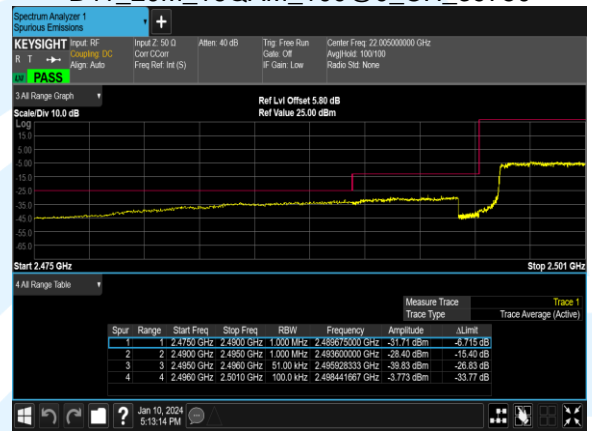
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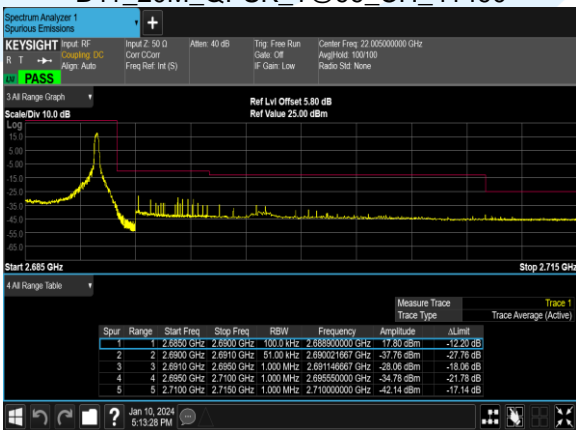
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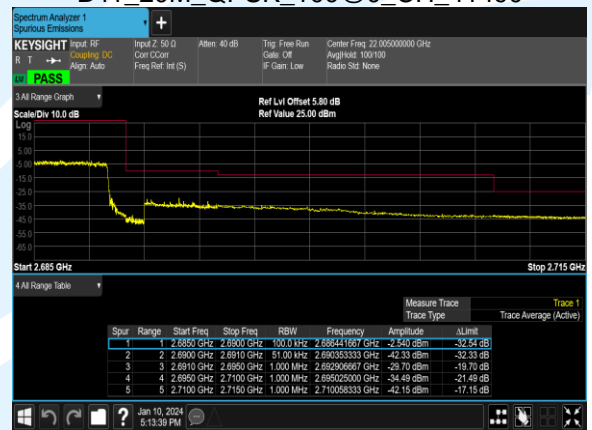
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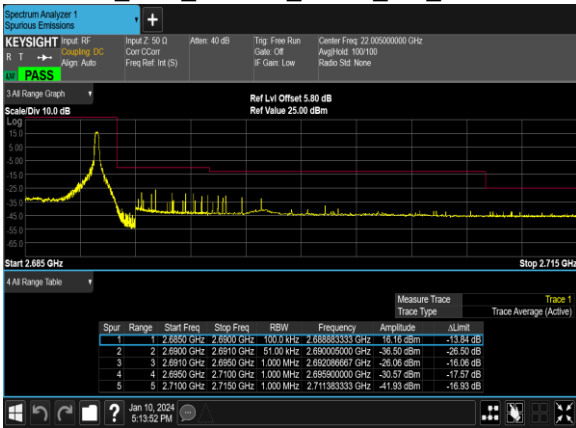
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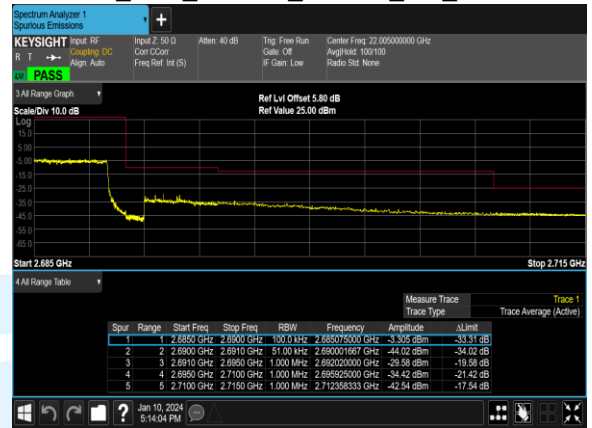
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B41_20M_16QAM_1@99_CH_41490



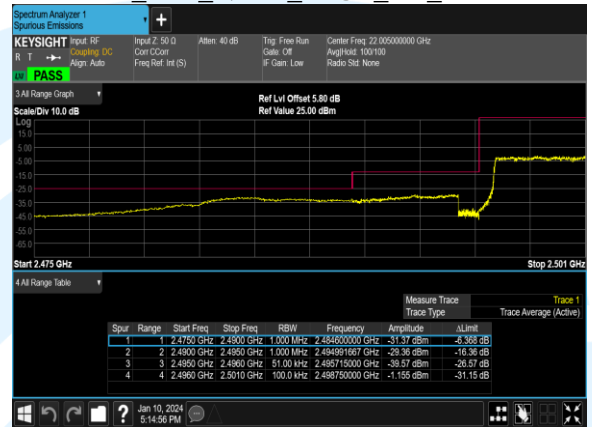
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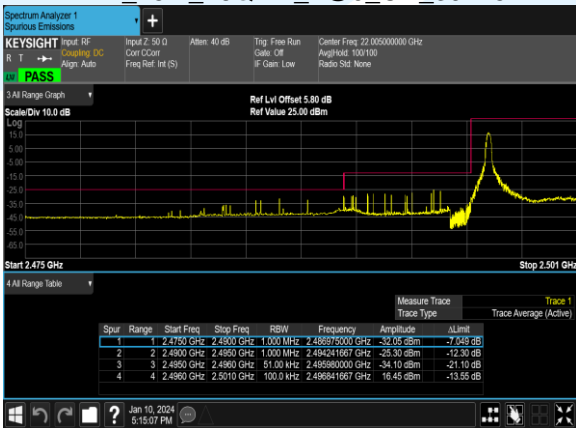
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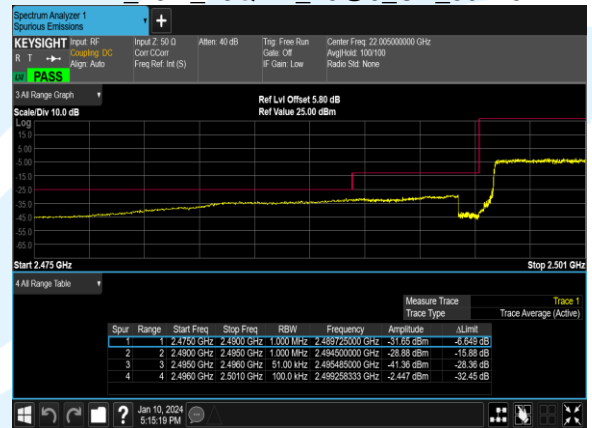
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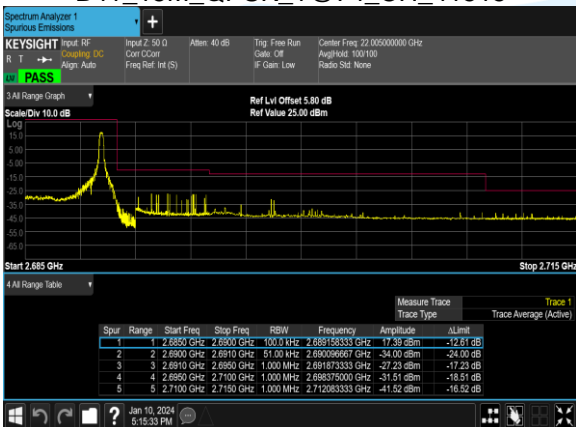
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B41_15M_16QAM_75@0_CH_39725



B41_15M_QPSK_1@74_CH_41515



B41_15M_QPSK_75@0_CH_41515

