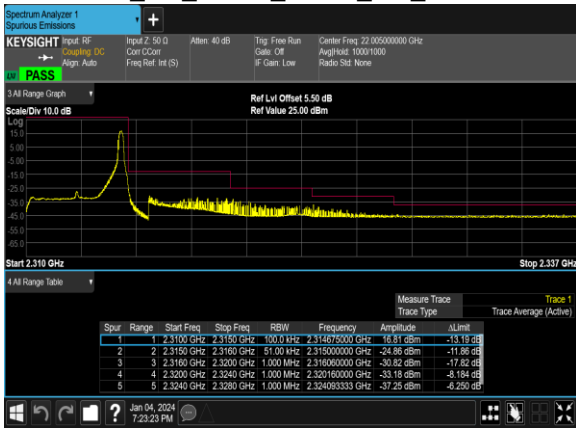
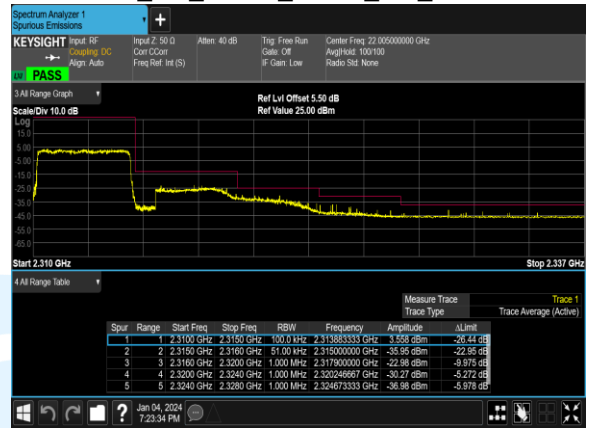


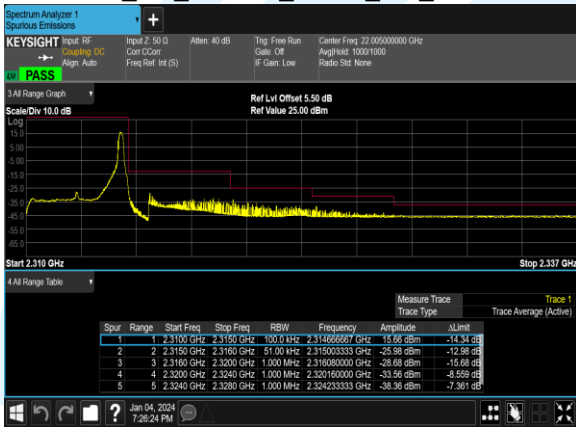
B40_5M_QPSK_1@24_CH_38775



B40_5M_QPSK_25@0_CH_38775



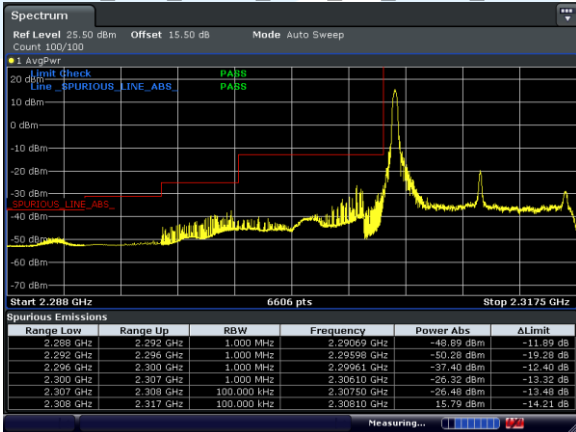
B40_5M_16QAM_1@24_CH_38775



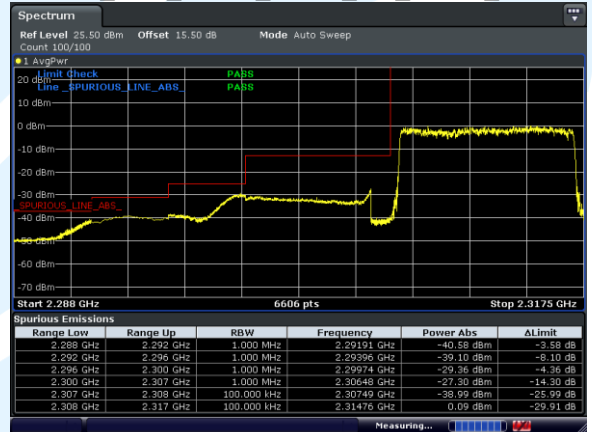
B40_5M_16QAM_25@0_CH_38775



B40_10M_QPSK_1@0_CH_38750_Left



B40_10M_QPSK_50@0_CH_38750_Left



B40_10M_16QAM_1@0_CH_38750_Left



Date: 2, JAN, 2024 21:12:49

B40_10M_16QAM_50@0_CH_38750_Left



Date: 2, JAN, 2024 21:11:31

B40_10M_QPSK_1@24_CH_38750_Right



Date: 2, JAN, 2024 21:18:54

B40_10M_QPSK_50@0_CH_38750_Right



Date: 2, JAN, 2024 21:16:34

B40_10M_16QAM_1@24_CH_38750_Right



Date: 2, JAN, 2024 21:20:19

B40_10M_16QAM_50@0_CH_38750_Right



Date: 2, JAN, 2024 21:17:23

A.14 LTE BAND 40B

Peak to Average Ratio

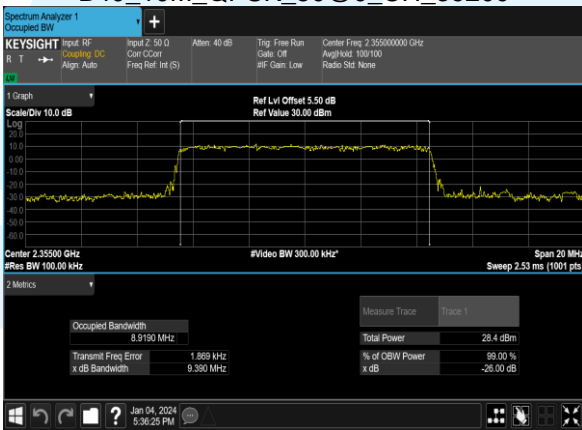
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
40	10.0	39200	2355.0	QPSK	50@0	6.21	13	PASS
40	10.0	39200	2355.0	16QAM	50@0	6.94	13	PASS
40	5.0	39175	2352.5	QPSK	25@0	5.98	13	PASS
40	5.0	39175	2352.5	16QAM	25@0	6.81	13	PASS
40	5.0	39200	2355.0	QPSK	25@0	6.20	13	PASS
40	5.0	39200	2355.0	16QAM	25@0	6.68	13	PASS
40	5.0	39225	2357.5	QPSK	25@0	5.81	13	PASS
40	5.0	39225	2357.5	16QAM	25@0	6.70	13	PASS

Occupied Bandwidth

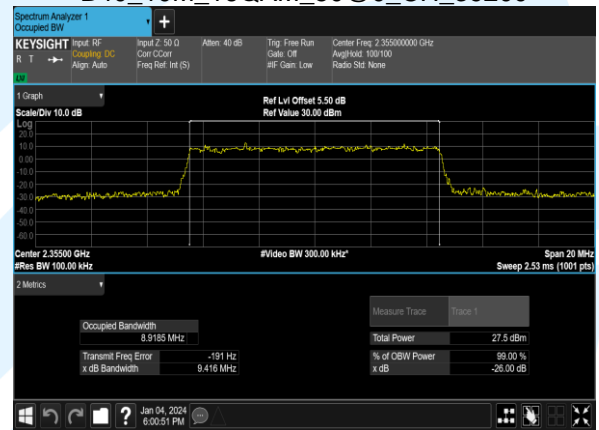
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
40	10.0	39200	2355.0	QPSK	50@0	8.9190	9.390
40	10.0	39200	2355.0	16QAM	50@0	8.9185	9.416
40	5.0	39175	2352.5	QPSK	25@0	4.4499	4.758
40	5.0	39175	2352.5	16QAM	25@0	4.4715	4.787
40	5.0	39200	2355.0	QPSK	25@0	4.4617	4.984
40	5.0	39200	2355.0	16QAM	25@0	4.4519	4.793
40	5.0	39225	2357.5	QPSK	25@0	4.4681	4.811
40	5.0	39225	2357.5	16QAM	25@0	4.4657	4.772

Test Graphs

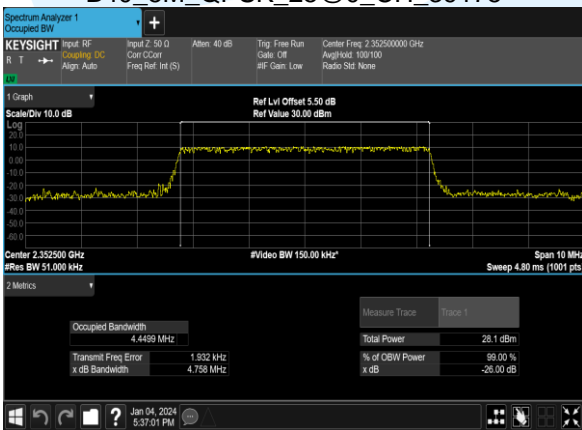
B40_10M_QPSK_50@0_CH_39200



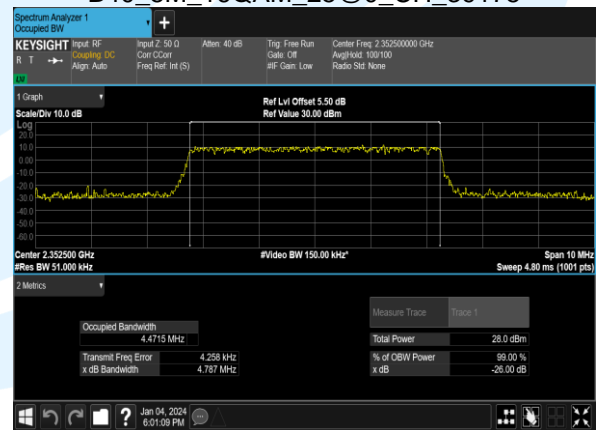
B40_10M_16QAM_50@0_CH_39200



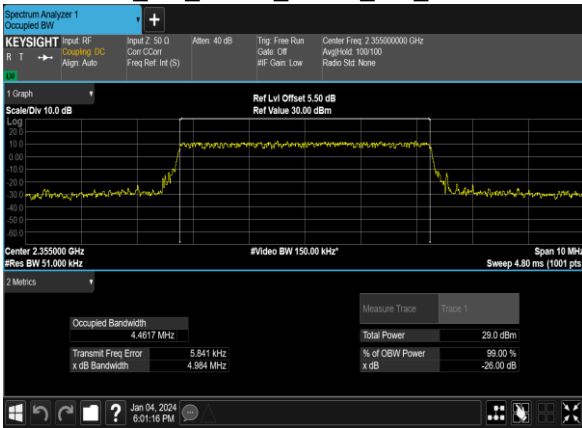
B40_5M_QPSK_25@0_CH_39175



B40_5M_16QAM_25@0_CH_39175



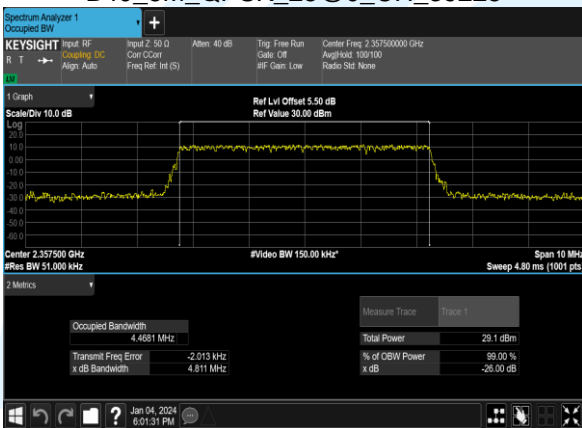
B40_5M_QPSK_25@0_CH_39200



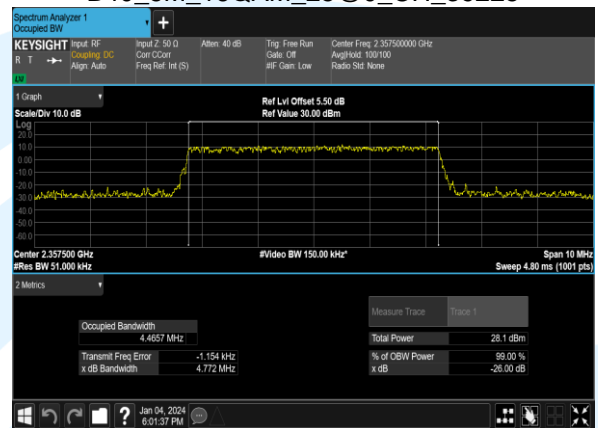
B40_5M_16QAM_25@0_CH_39200



B40_5M_QPSK_25@0_CH_39225



B40_5M_16QAM_25@0_CH_39225



Conducted Spurious Emissions

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dBm)	Limit (dBm)	Verdict
40	10.0	39200	2355.0	QPSK	1@0	-55.94	-40	PASS
40	10.0	39200	2355.0	16QAM	1@0	-57.48	-40	PASS
40	5.0	39175	2352.5	QPSK	1@0	-57.38	-48	PASS
40	5.0	39175	2352.5	16QAM	1@0	-57.8	-40	PASS
40	5.0	39200	2355.0	QPSK	1@0	-57.08	-40	PASS
40	5.0	39200	2355.0	16QAM	1@0	-55.59	-40	PASS
40	5.0	39225	2357.5	QPSK	1@0	-56.72	-40	PASS
40	5.0	39225	2357.5	16QAM	1@0	-57.69	-40	PASS

Test Graphs

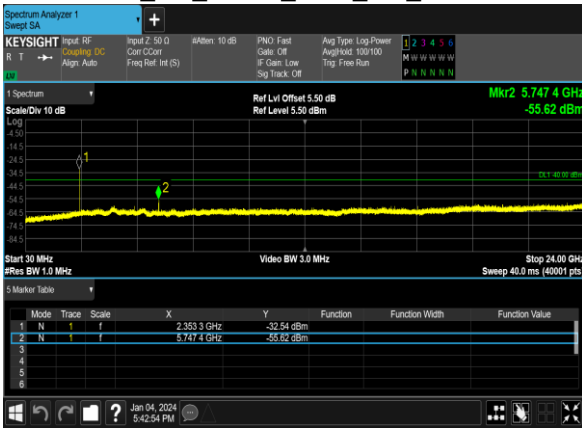
B40_10M_QPSK_1@0_CH_39200



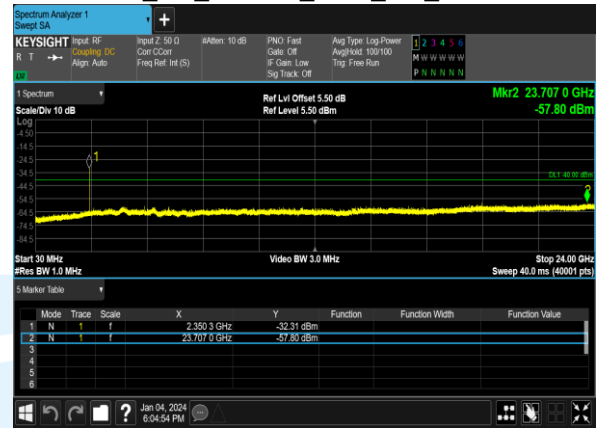
B40_10M_16QAM_1@0_CH_39200



B40_5M_QPSK_1@0_CH_39175



B40_5M_16QAM_1@0_CH_39175



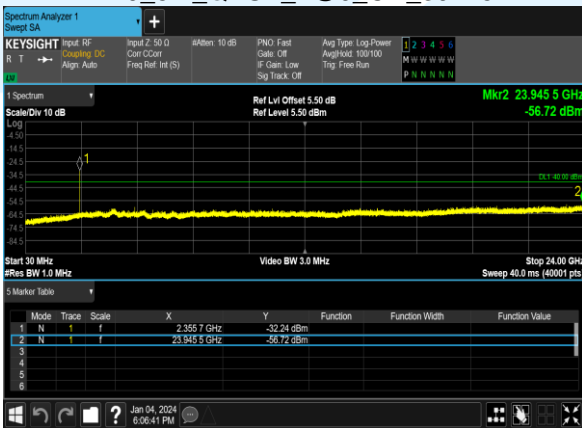
B40_5M_QPSK_1@0_CH_39200



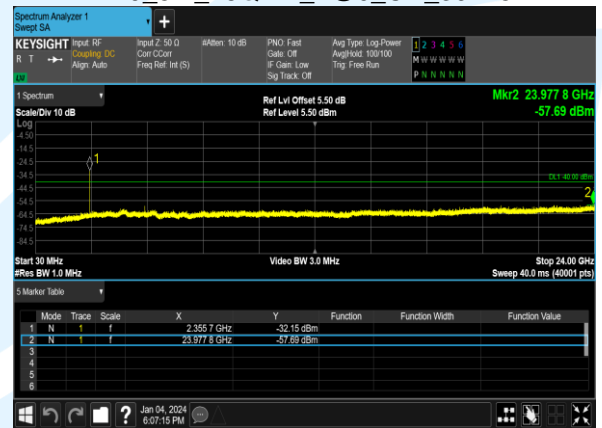
B40_5M_16QAM_1@0_CH_39200



B40_5M_QPSK_1@0_CH_39225



B40_5M_16QAM_1@0_CH_39225

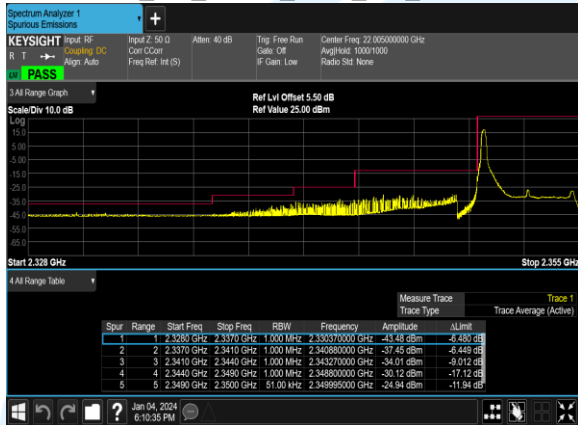


CONDUCTED BAND EDGE

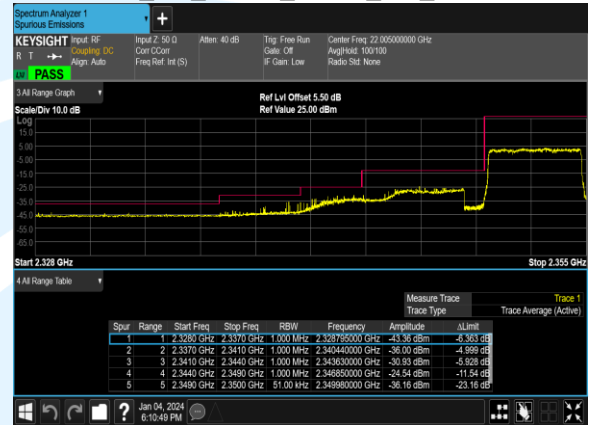
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result	Verdict
40	5.0	39175	2352.5	QPSK	1@0	see graph	PASS
40	5.0	39175	2352.5	QPSK	25@0	see graph	PASS
40	5.0	39175	2352.5	16QAM	1@0	see graph	PASS
40	5.0	39175	2352.5	16QAM	25@0	see graph	PASS
40	5.0	39225	2357.5	QPSK	1@24	see graph	PASS
40	5.0	39225	2357.5	QPSK	25@0	see graph	PASS
40	5.0	39225	2357.5	16QAM	1@24	see graph	PASS
40	5.0	39225	2357.5	16QAM	25@0	see graph	PASS

Test Graphs

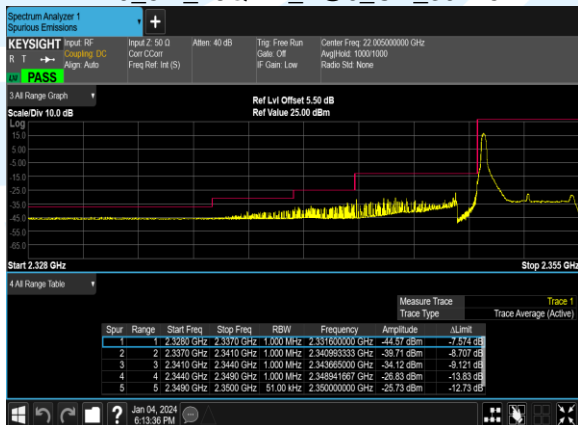
B40_5M_QPSK_1@0_CH_39175



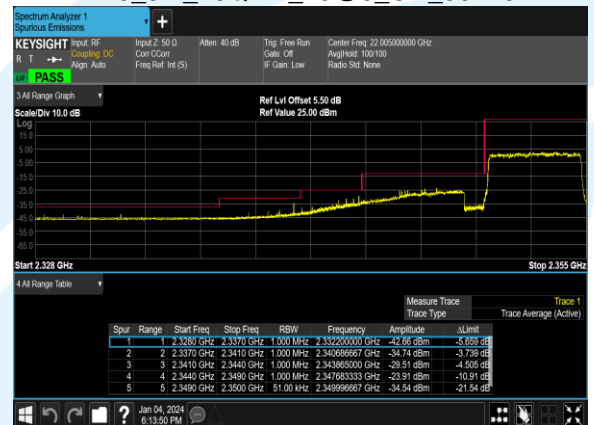
B40_5M_QPSK_25@0_CH_39175



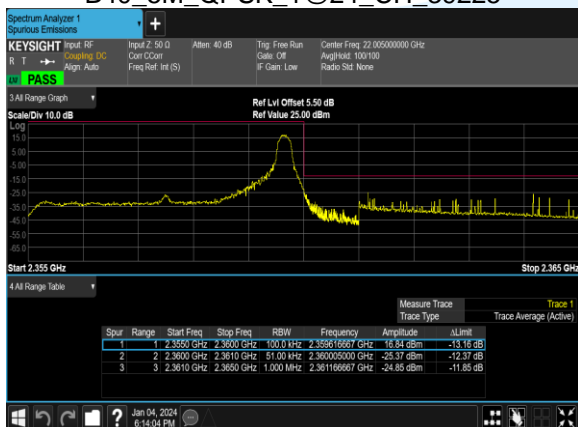
B40_5M_16QAM_1@0_CH_39175



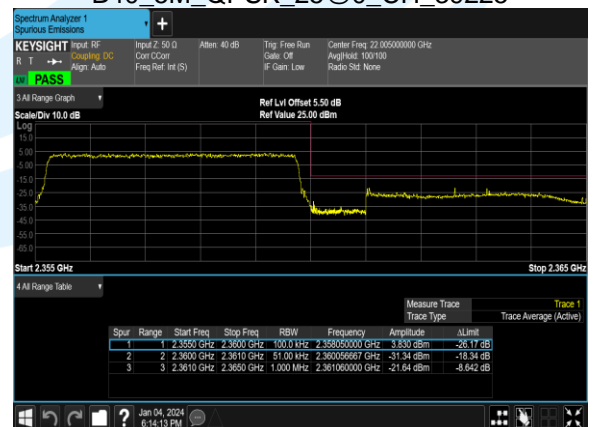
B40_5M_16QAM_25@0_CH_39175



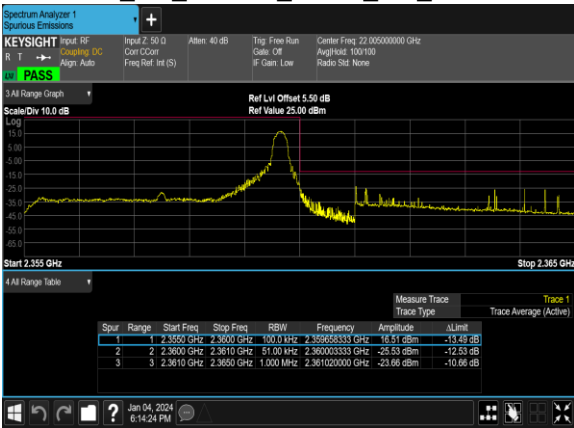
B40_5M_QPSK_1@24_CH_39225



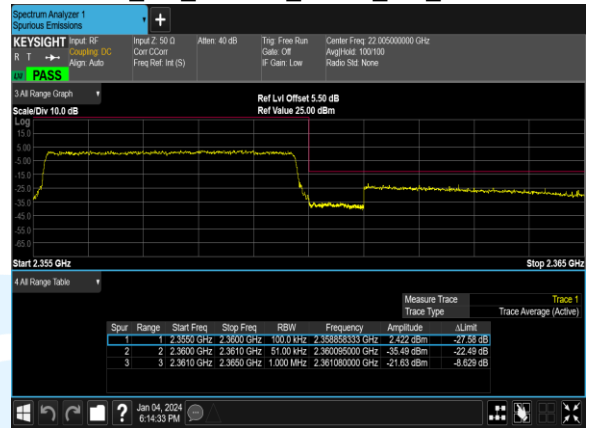
B40_5M_QPSK_25@0_CH_39225



B40_5M_16QAM_1@24_CH_39225



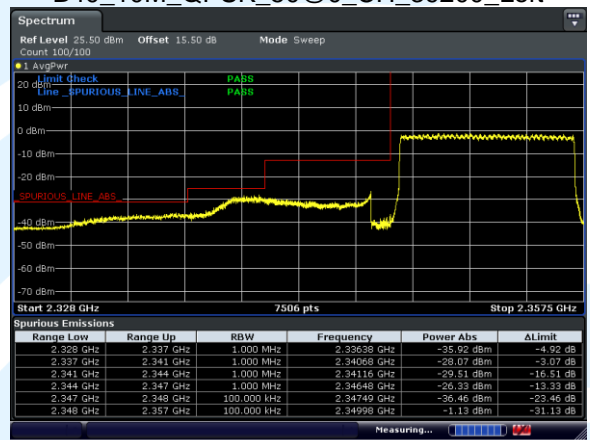
B40_5M_16QAM_25@0_CH_39225



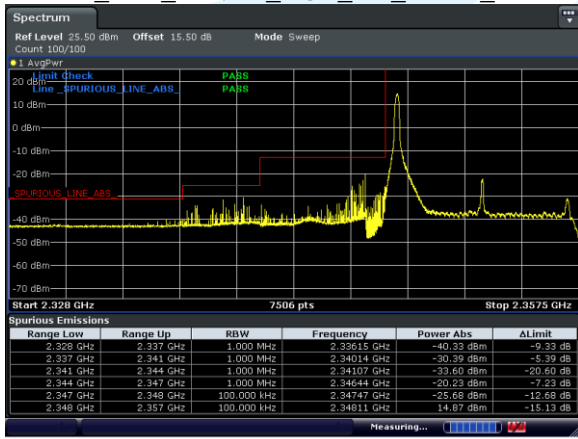
B40_10M_QPSK_1@0_CH_39200_Left



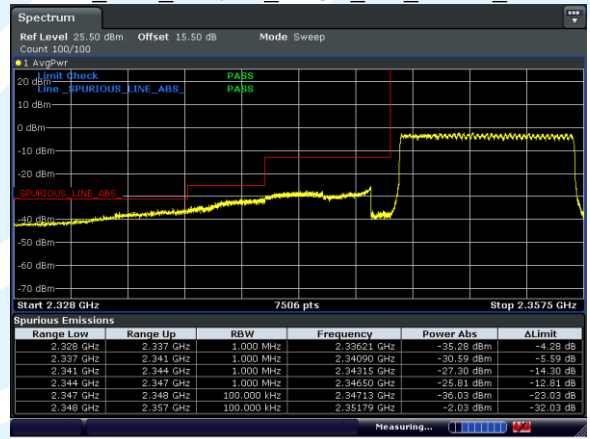
B40_10M_QPSK_50@0_CH_39200_Left



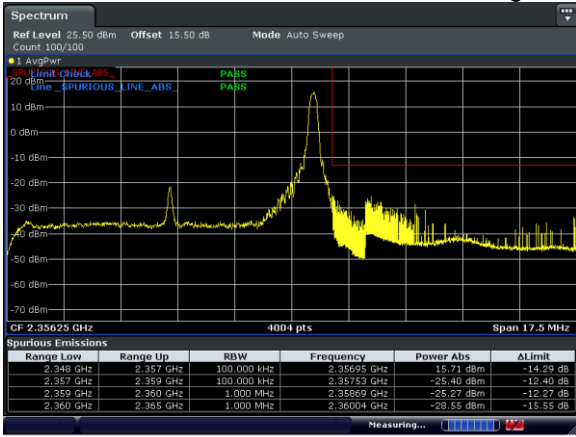
B40_10M_16QAM_1@0_CH_39200_Left



B40_10M_16QAM_50@0_CH_39200_Left

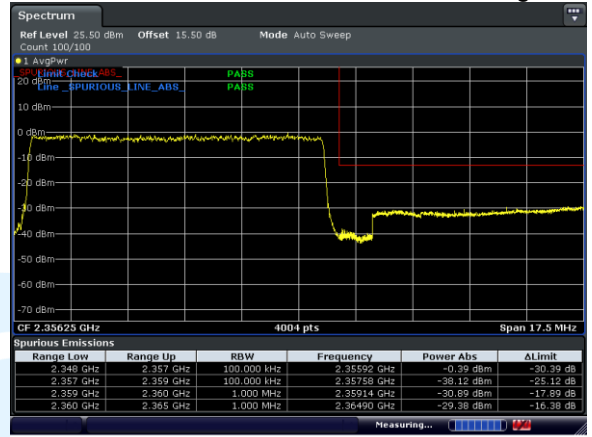


B40_10M_QPSK_1@24_CH_39200_Right



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@24_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

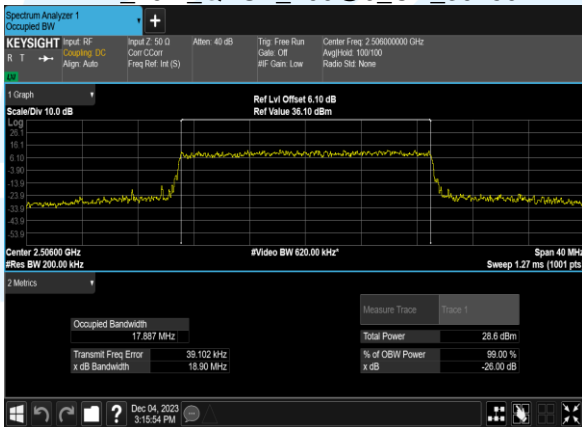
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	20.0	39750	2506.0	QPSK	100@0	5.78	13	PASS
41	20.0	39750	2506.0	16QAM	100@0	6.76	13	PASS
41	20.0	40620	2593.0	QPSK	100@0	6.02	13	PASS
41	20.0	40620	2593.0	16QAM	100@0	6.90	13	PASS
41	20.0	41490	2680.0	QPSK	100@0	5.31	13	PASS
41	20.0	41490	2680.0	16QAM	100@0	6.24	13	PASS
41	15.0	39725	2503.5	QPSK	75@0	5.95	13	PASS
41	15.0	39725	2503.5	16QAM	75@0	6.78	13	PASS
41	15.0	40620	2593.0	QPSK	75@0	6.08	13	PASS
41	15.0	40620	2593.0	16QAM	75@0	7.32	13	PASS
41	15.0	41515	2682.5	QPSK	75@0	5.12	13	PASS
41	15.0	41515	2682.5	16QAM	75@0	6.08	13	PASS
41	10.0	39700	2501.0	QPSK	50@0	5.96	13	PASS
41	10.0	39700	2501.0	16QAM	50@0	6.63	13	PASS
41	10.0	40620	2593.0	QPSK	50@0	5.72	13	PASS
41	10.0	40620	2593.0	16QAM	50@0	6.82	13	PASS
41	10.0	41540	2685.0	QPSK	50@0	4.91	13	PASS
41	10.0	41540	2685.0	16QAM	50@0	5.81	13	PASS
41	5.0	39675	2498.5	QPSK	25@0	5.62	13	PASS
41	5.0	39675	2498.5	16QAM	25@0	6.36	13	PASS
41	5.0	40620	2593.0	QPSK	25@0	5.90	13	PASS
41	5.0	40620	2593.0	16QAM	25@0	6.99	13	PASS
41	5.0	41565	2687.5	QPSK	25@0	4.67	13	PASS
41	5.0	41565	2687.5	16QAM	25@0	5.71	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	17.887	18.90
41	20.0	39750	2506.0	16QAM	100@0	17.825	18.56
41	20.0	40620	2593.0	QPSK	100@0	17.877	18.76
41	20.0	40620	2593.0	16QAM	100@0	17.887	18.78
41	20.0	41490	2680.0	QPSK	100@0	17.935	18.72
41	20.0	41490	2680.0	16QAM	100@0	17.881	18.68
41	15.0	39725	2503.5	QPSK	75@0	13.327	14.14
41	15.0	39725	2503.5	16QAM	75@0	13.371	14.19
41	15.0	40620	2593.0	QPSK	75@0	13.442	14.11
41	15.0	40620	2593.0	16QAM	75@0	13.415	14.06
41	15.0	41515	2682.5	QPSK	75@0	13.511	28.09
41	15.0	41515	2682.5	16QAM	75@0	13.437	18.22
41	10.0	39700	2501.0	QPSK	50@0	8.9227	9.405
41	10.0	39700	2501.0	16QAM	50@0	8.9404	9.454
41	10.0	40620	2593.0	QPSK	50@0	8.9237	9.422
41	10.0	40620	2593.0	16QAM	50@0	8.9560	9.407
41	10.0	41540	2685.0	QPSK	50@0	8.9809	16.35
41	10.0	41540	2685.0	16QAM	50@0	8.9523	14.46
41	5.0	39675	2498.5	QPSK	25@0	4.4700	4.927
41	5.0	39675	2498.5	16QAM	25@0	4.4614	4.752
41	5.0	40620	2593.0	QPSK	25@0	4.4536	4.770
41	5.0	40620	2593.0	16QAM	25@0	4.4583	4.800
41	5.0	41565	2687.5	QPSK	25@0	4.5067	7.504
41	5.0	41565	2687.5	16QAM	25@0	4.4738	7.856

Test Graphs

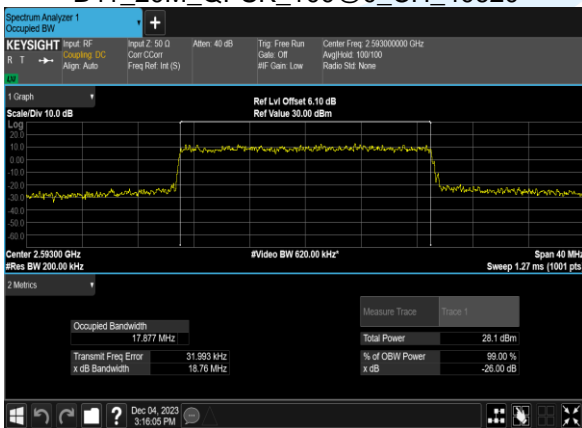
B41_20M_QPSK_100@0_CH_39750



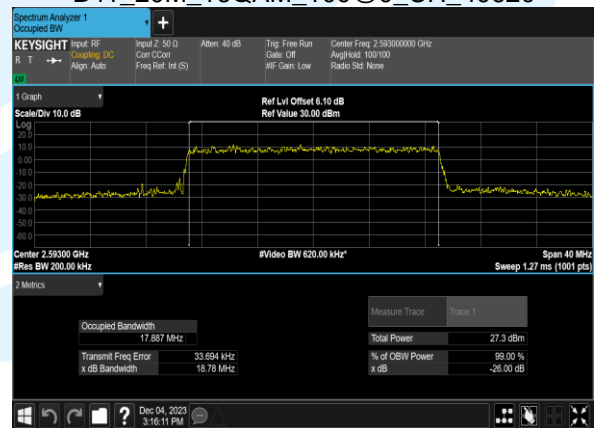
B41_20M_16QAM_100@0_CH_39750



B41_20M_QPSK_100@0_CH_40620



B41_20M_16QAM_100@0_CH_40620



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Tel: +86-755-28230888

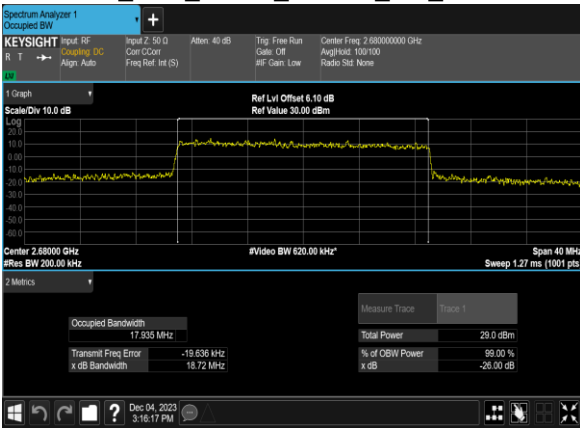
Fax: +86-755-28230886

E-mail: info@uttlab.com

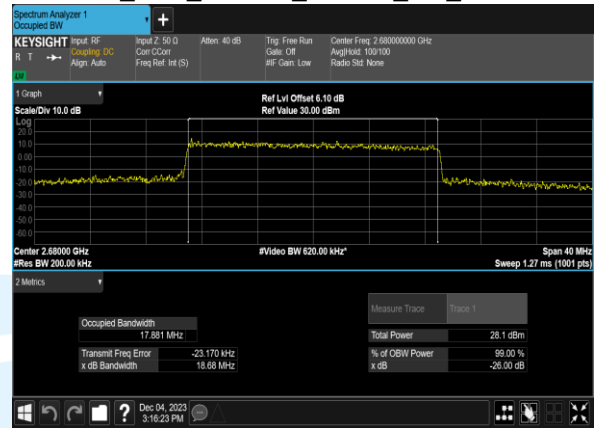
<http://www.uttlab.com>

UTTR-RF-FCC4G-V1.1

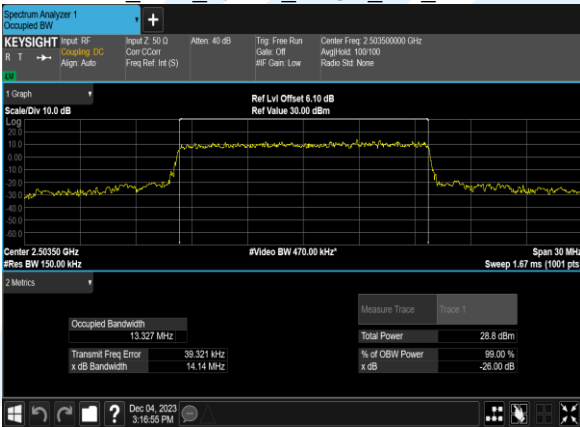
B41_20M_QPSK_100@0_CH_41490



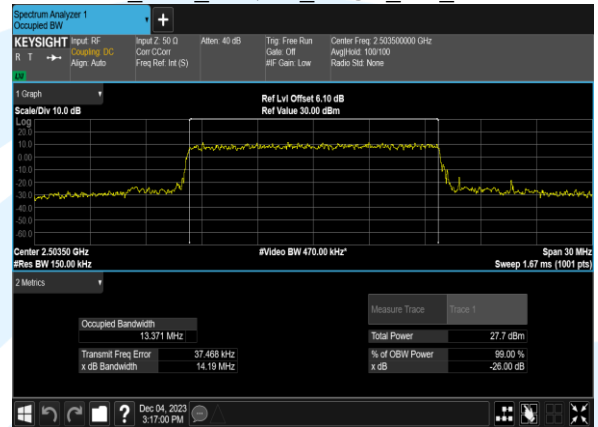
B41_20M_16QAM_100@0_CH_41490



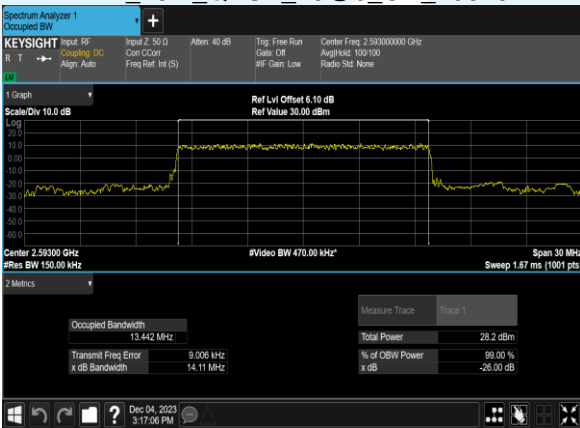
B41_15M_QPSK_75@0_CH_39725



B41_15M_16QAM_75@0_CH_39725



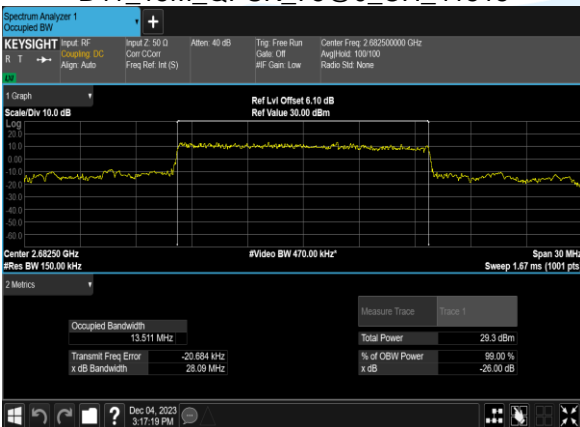
B41_15M_QPSK_75@0_CH_40620



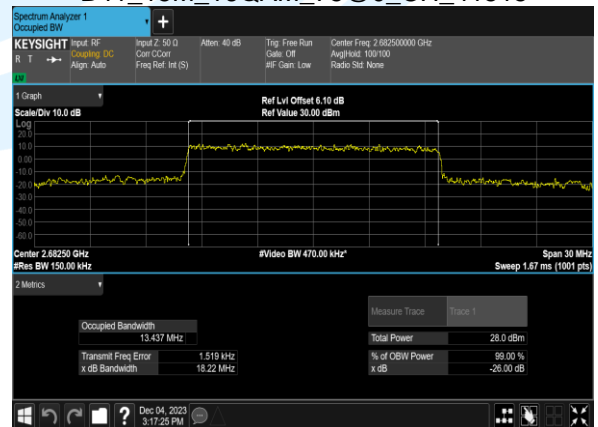
B41_15M_16QAM_75@0_CH_40620



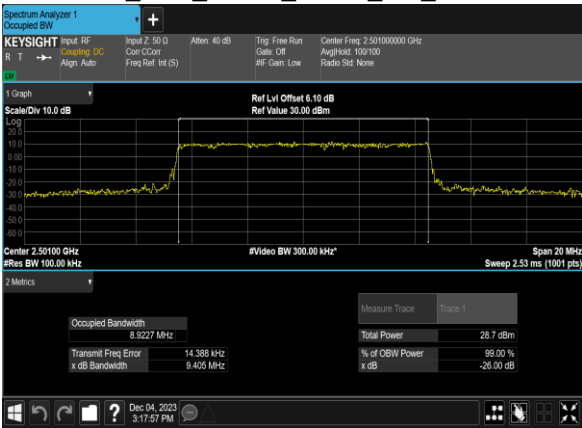
B41_15M_QPSK_75@0_CH_41515



B41_15M_16QAM_75@0_CH_41515



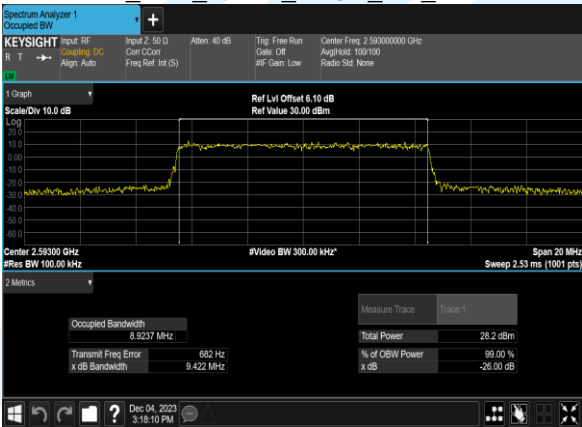
B41_10M_QPSK_50@0_CH_39700



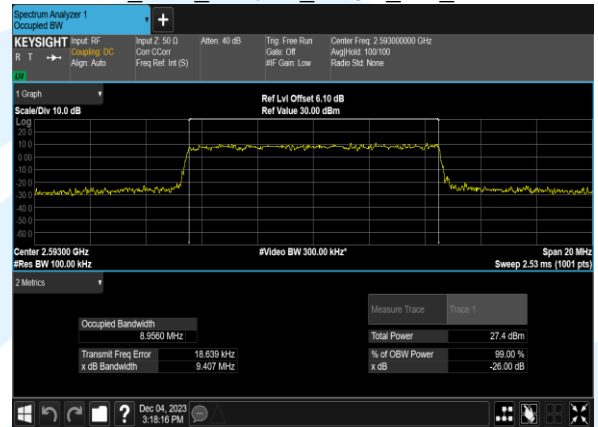
B41_10M_16QAM_50@0_CH_39700



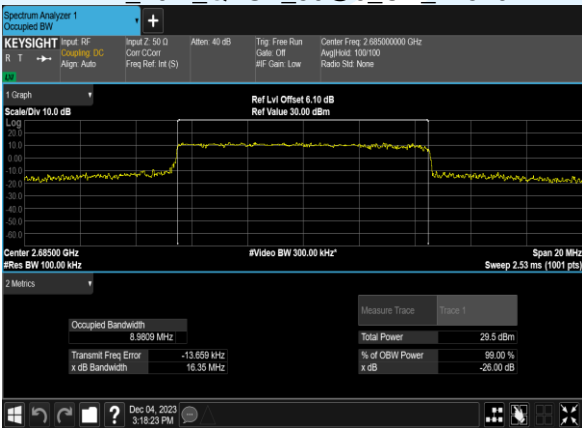
B41_10M_QPSK_50@0_CH_40620



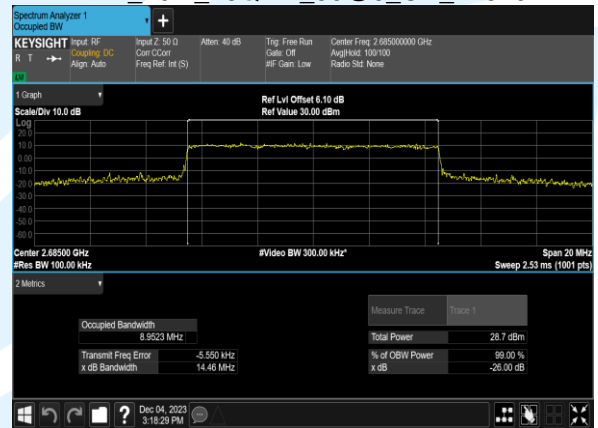
B41_10M_16QAM_50@0_CH_40620



B41_10M_QPSK_50@0_CH_41540



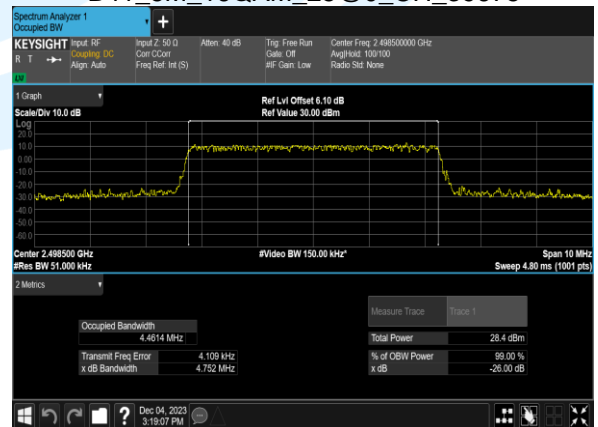
B41_10M_16QAM_50@0_CH_41540



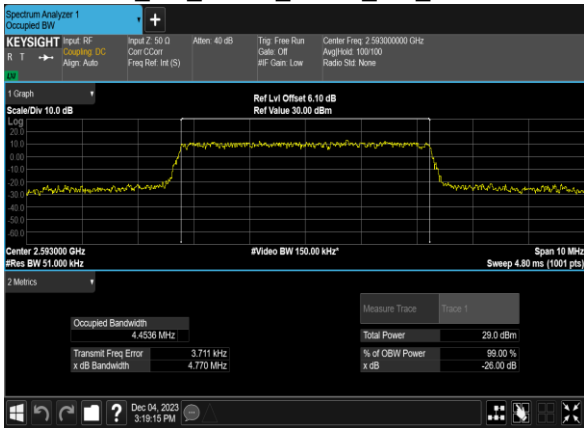
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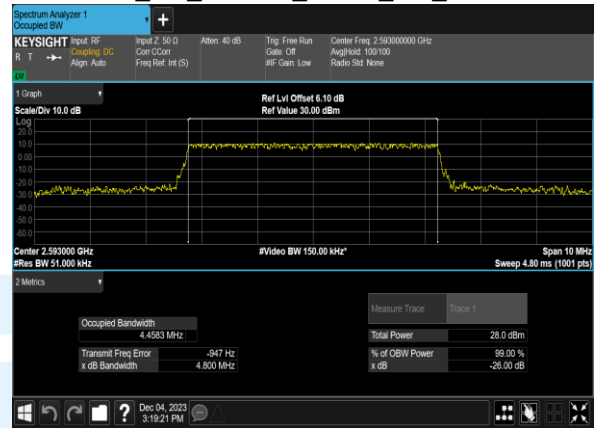
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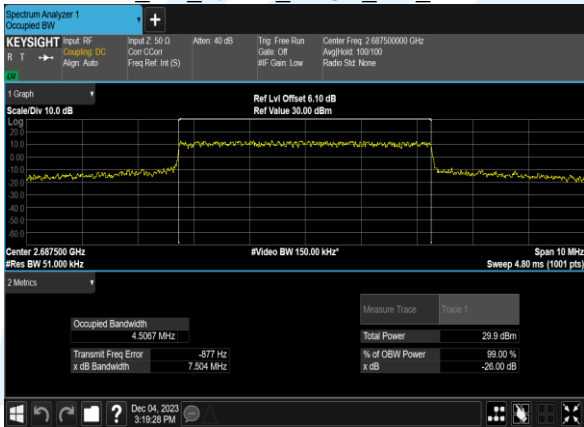
B41_5M_QPSK_25@0_CH_40620



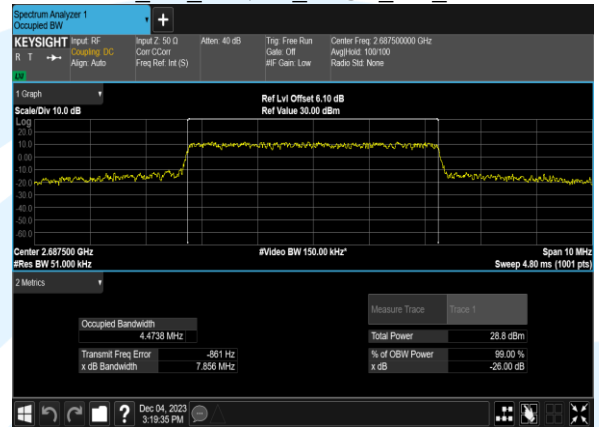
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B41_5M_QPSK_25@0_CH_41565



B41_5M_16QAM_25@0_CH_41565



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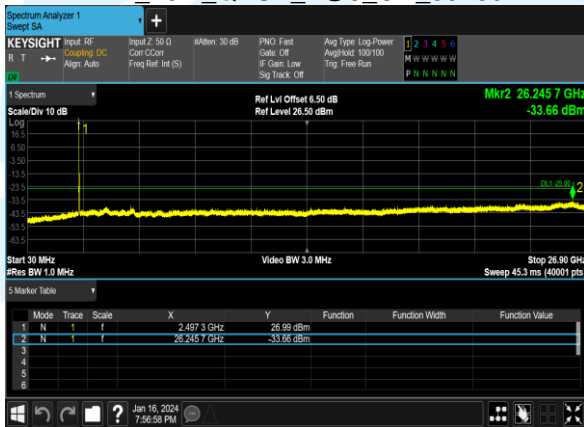
UTTR-RF-FCC4G-V1.1

Conducted Spurious Emissions

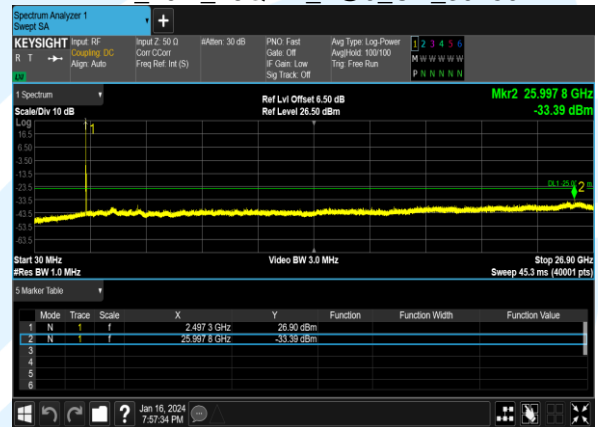
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dBm)	Limit (dBm)	Verdict
41	20.0	39750	2506.0	QPSK	1@0	-33.66	-25	PASS
41	20.0	39750	2506.0	16QAM	1@0	-33.39	-25	PASS
41	20.0	40620	2593.0	QPSK	1@0	-34.56	-25	PASS
41	20.0	40620	2593.0	16QAM	1@0	-34.41	-25	PASS
41	20.0	41490	2680.0	QPSK	1@0	-34.43	-25	PASS
41	20.0	41490	2680.0	16QAM	1@0	-34.51	-25	PASS
41	15.0	39725	2503.5	QPSK	1@0	-33.94	-25	PASS
41	15.0	39725	2503.5	16QAM	1@0	-34.37	-25	PASS
41	15.0	40620	2593.0	QPSK	1@0	-34.46	-25	PASS
41	15.0	40620	2593.0	16QAM	1@0	-34.22	-25	PASS
41	15.0	41515	2682.5	QPSK	1@0	-34.28	-25	PASS
41	15.0	41515	2682.5	16QAM	1@0	-34.31	-25	PASS
41	10.0	39700	2501.0	QPSK	1@0	-34.43	-25	PASS
41	10.0	39700	2501.0	16QAM	1@0	-34.87	-25	PASS
41	10.0	40620	2593.0	QPSK	1@0	-34.81	-25	PASS
41	10.0	40620	2593.0	16QAM	1@0	-34.51	-25	PASS
41	10.0	41540	2685.0	QPSK	1@0	-33.94	-25	PASS
41	10.0	41540	2685.0	16QAM	1@0	-33.93	-25	PASS
41	5.0	39675	2498.5	QPSK	1@0	-34.86	-25	PASS
41	5.0	39675	2498.5	16QAM	1@0	-35.08	-25	PASS
41	5.0	40620	2593.0	QPSK	1@0	-34.34	-25	PASS
41	5.0	40620	2593.0	16QAM	1@0	-34.69	-25	PASS
41	5.0	41565	2687.5	QPSK	1@0	-34.61	-25	PASS
41	5.0	41565	2687.5	16QAM	1@0	-34.85	-25	PASS

Test Graphs

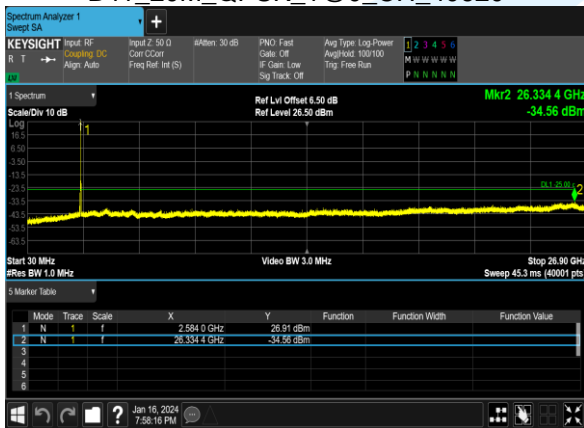
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B41_20M_16QAM_1@0_CH_39750



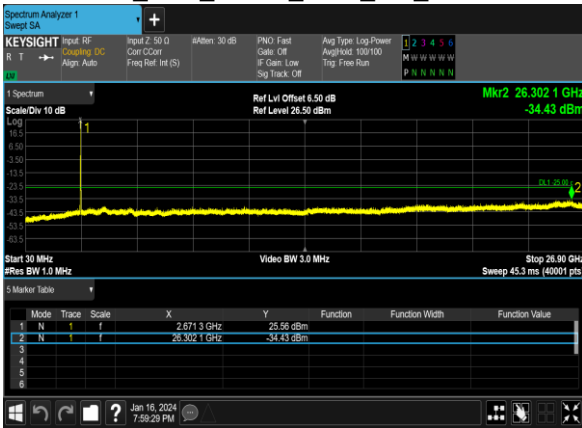
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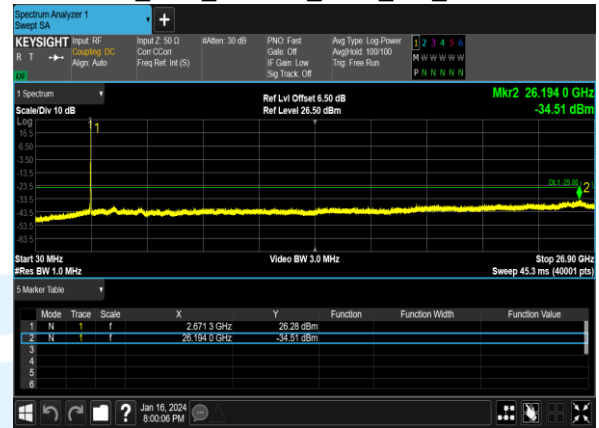
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B41_20M_QPSK_1@0_CH_41490



B41_20M_16QAM_1@0_CH_41490



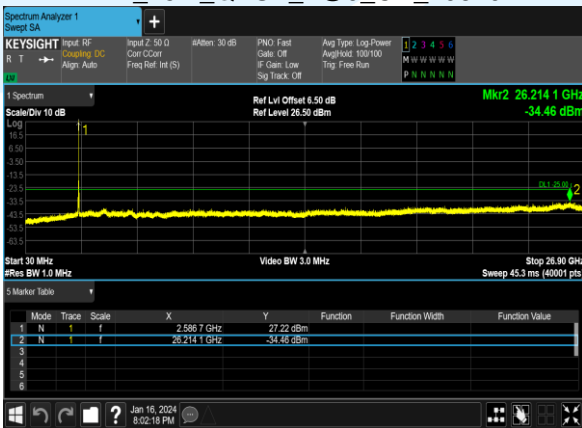
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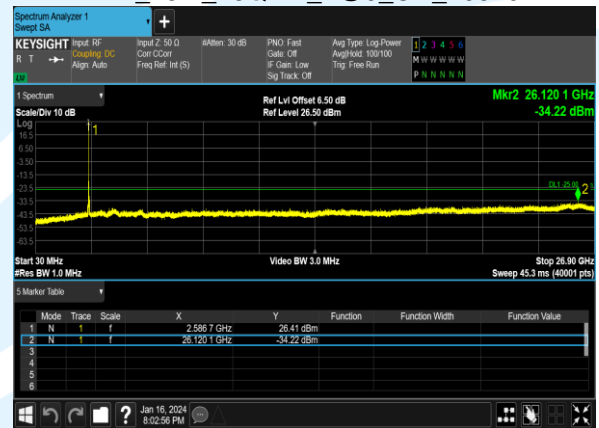
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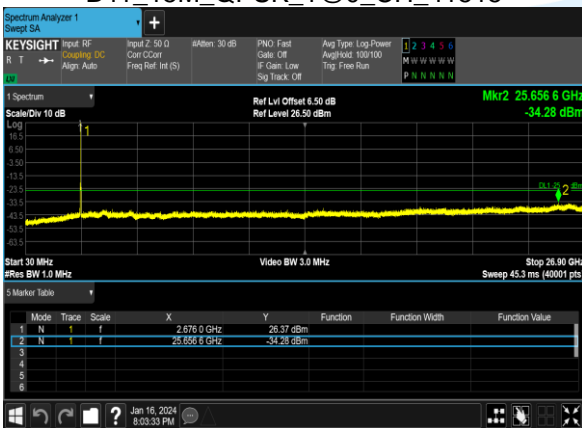
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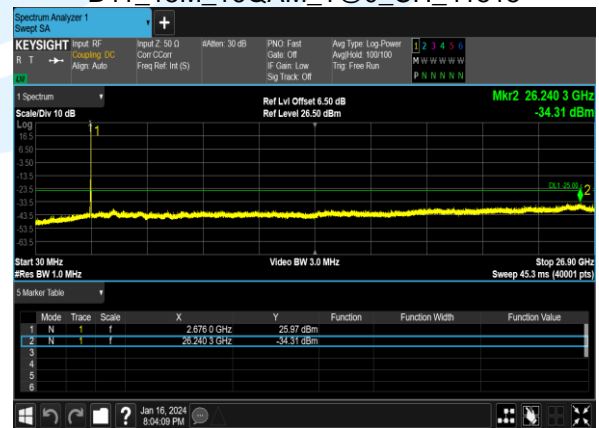
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B41_15M_QPSK_1@0_CH_41515



B41_15M_16QAM_1@0_CH_41515



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