

Conducted Spurious Emissions

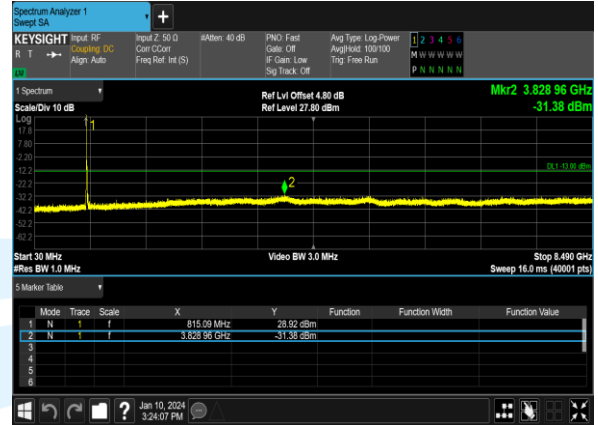
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dBm)	Limit (dBm)	Verdict
26	15.0	26765	821.5	QPSK	1@0	-31.07	-13	PASS
26	15.0	26765	821.5	16QAM	1@0	-31.38	-13	PASS
26	10.0	26740	819.0	QPSK	1@0	-30.66	-13	PASS
26	10.0	26740	819.0	16QAM	1@0	-31.74	-13	PASS
26	5.0	26715	816.5	QPSK	1@0	-31.4	-13	PASS
26	5.0	26715	816.5	16QAM	1@0	-31.35	-13	PASS
26	5.0	26740	819.0	QPSK	1@0	-31.41	-13	PASS
26	5.0	26740	819.0	16QAM	1@0	-30.96	-13	PASS
26	5.0	26765	821.5	QPSK	1@0	-30.52	-13	PASS
26	5.0	26765	821.5	16QAM	1@0	-30.97	-13	PASS
26	3.0	26705	815.5	QPSK	1@0	-31.18	-13	PASS
26	3.0	26705	815.5	16QAM	1@0	-31.19	-13	PASS
26	3.0	26740	819.0	QPSK	1@0	-31.4	-13	PASS
26	3.0	26740	819.0	16QAM	1@0	-31.44	-13	PASS
26	3.0	26775	822.5	QPSK	1@0	-30.73	-13	PASS
26	3.0	26775	822.5	16QAM	1@0	-31.11	-13	PASS
26	1.4	26697	814.7	QPSK	1@0	-31.81	-13	PASS
26	1.4	26697	814.7	16QAM	1@0	-30.66	-13	PASS
26	1.4	26740	819.0	QPSK	1@0	-30.95	-13	PASS
26	1.4	26740	819.0	16QAM	1@0	-30.75	-13	PASS
26	1.4	26783	823.3	QPSK	1@0	-30.47	-13	PASS
26	1.4	26783	823.3	16QAM	1@0	-30.91	-13	PASS

Test Graphs

B26_15M_QPSK_1@0_CH_26765



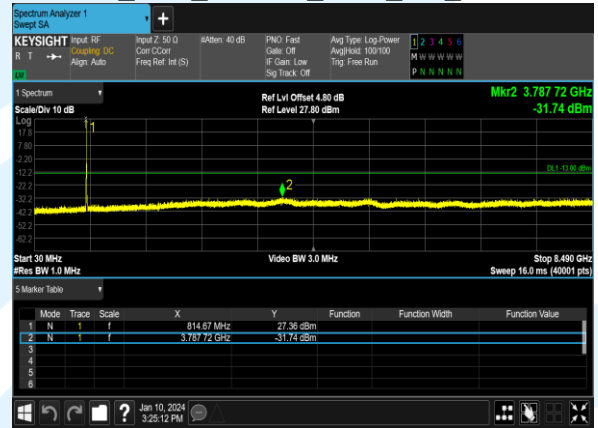
B26_15M_16QAM_1@0_CH_26765



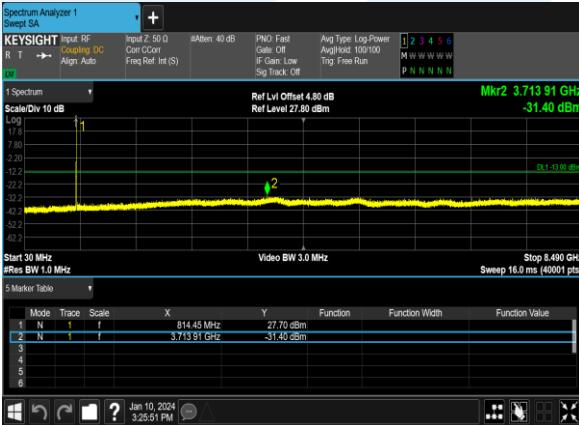
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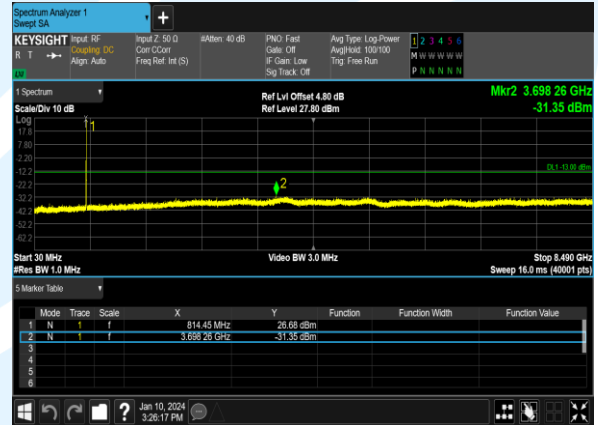
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B26_5M_QPSK_1@0_CH_26715



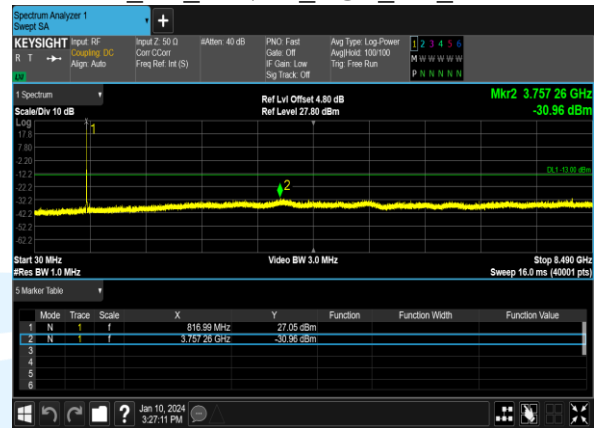
B26_5M_16QAM_1@0_CH_26715



B26_5M_QPSK_1@0_CH_26740



B26_5M_16QAM_1@0_CH_26740



B26_5M_QPSK_1@0_CH_26765



B26_5M_16QAM_1@0_CH_26765



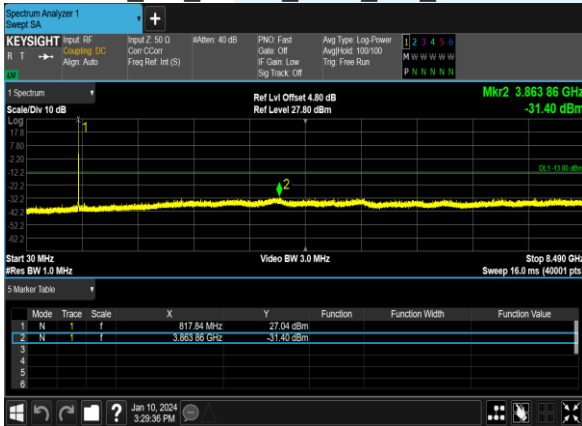
B26_3M_QPSK_1@0_CH_26705



B26_3M_16QAM_1@0_CH_26705



B26_3M_QPSK_1@0_CH_26740



B26_3M_16QAM_1@0_CH_26740



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UTTR-RF-FCC4G-V1.1

B26_3M_QPSK_1@0_CH_26775



B26_3M_16QAM_1@0_CH_26775



B26_1.4M_QPSK_1@0_CH_26697



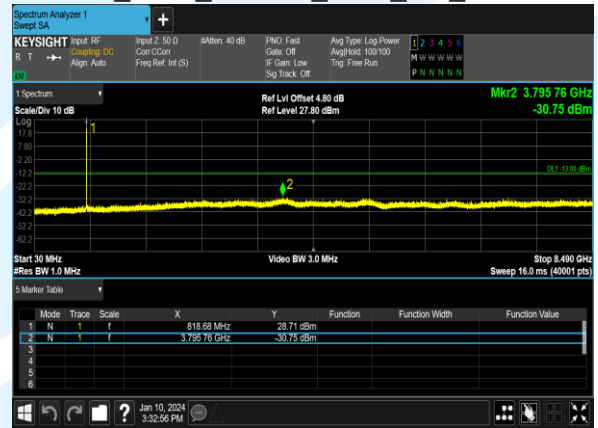
B26_1.4M_16QAM_1@0_CH_26697



B26_1.4M_QPSK_1@0_CH_26740



B26_1.4M_16QAM_1@0_CH_26740



B26_1.4M_QPSK_1@0_CH_26783



B26_1.4M_16QAM_1@0_CH_26783



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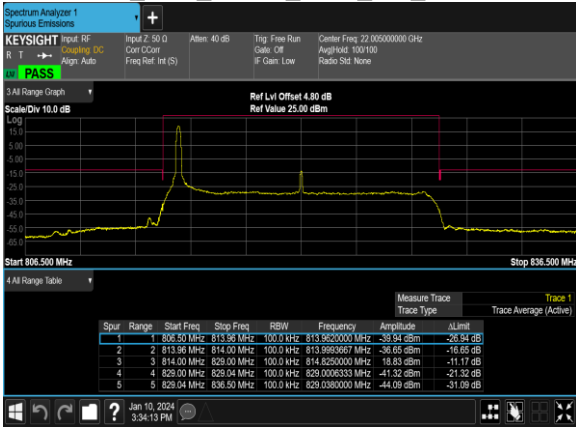
UTTR-RF-FCC4G-V1.1

Conducted Band Edge

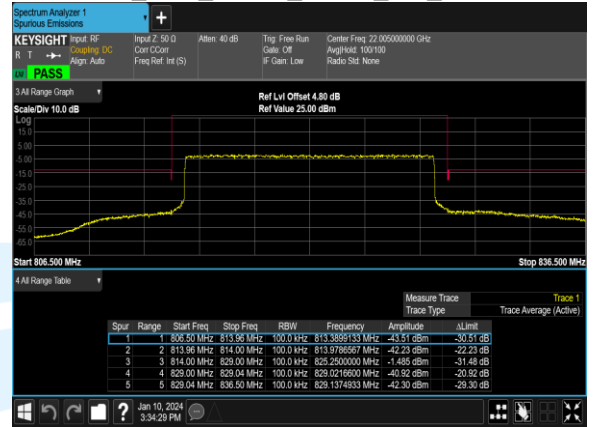
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result	Verdict
26	15.0	26765	821.5	QPSK	1@0	see graph	PASS
26	15.0	26765	821.5	QPSK	75@0	see graph	PASS
26	15.0	26765	821.5	16QAM	1@0	see graph	PASS
26	15.0	26765	821.5	16QAM	75@0	see graph	PASS
26	5.0	26715	816.5	QPSK	1@0	see graph	PASS
26	5.0	26715	816.5	QPSK	25@0	see graph	PASS
26	5.0	26715	816.5	16QAM	1@0	see graph	PASS
26	5.0	26715	816.5	16QAM	25@0	see graph	PASS
26	5.0	26765	821.5	QPSK	1@24	see graph	PASS
26	5.0	26765	821.5	QPSK	25@0	see graph	PASS
26	5.0	26765	821.5	16QAM	1@24	see graph	PASS
26	5.0	26765	821.5	16QAM	25@0	see graph	PASS
26	3.0	26705	815.5	QPSK	1@0	see graph	PASS
26	3.0	26705	815.5	QPSK	15@0	see graph	PASS
26	3.0	26705	815.5	16QAM	1@0	see graph	PASS
26	3.0	26705	815.5	16QAM	15@0	see graph	PASS
26	3.0	26775	822.5	QPSK	1@14	see graph	PASS
26	3.0	26775	822.5	QPSK	15@0	see graph	PASS
26	3.0	26775	822.5	16QAM	1@14	see graph	PASS
26	3.0	26775	822.5	16QAM	15@0	see graph	PASS
26	1.4	26697	814.7	QPSK	1@0	see graph	PASS
26	1.4	26697	814.7	QPSK	6@0	see graph	PASS
26	1.4	26697	814.7	16QAM	1@0	see graph	PASS
26	1.4	26697	814.7	16QAM	6@0	see graph	PASS
26	1.4	26783	823.3	QPSK	1@5	see graph	PASS
26	1.4	26783	823.3	QPSK	6@0	see graph	PASS
26	1.4	26783	823.3	16QAM	1@5	see graph	PASS
26	1.4	26783	823.3	16QAM	6@0	see graph	PASS

Test Graphs

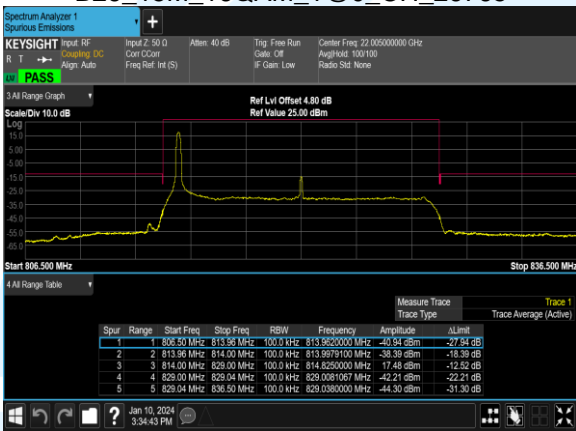
B26_15M_QPSK_1@0_CH_26765



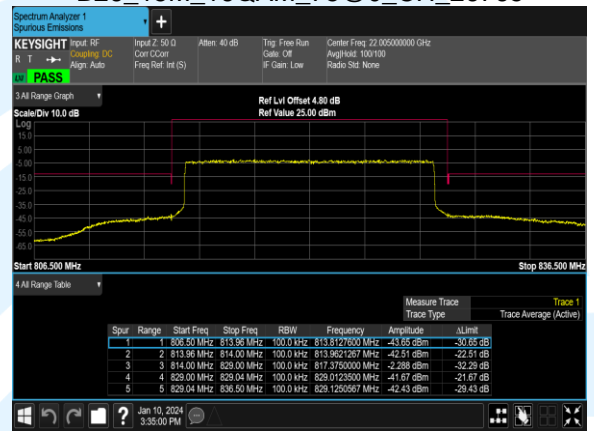
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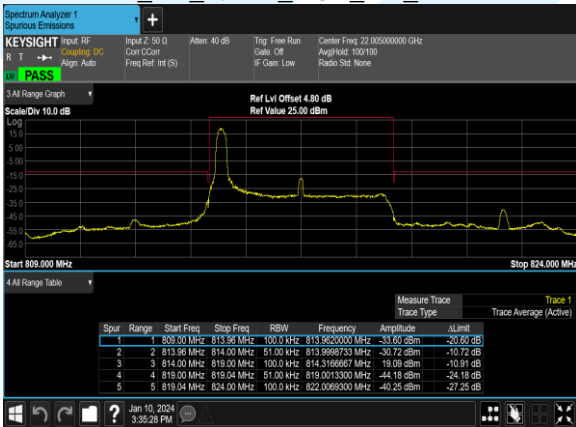
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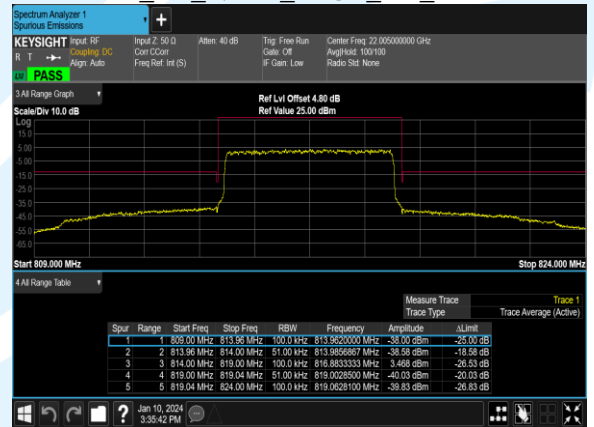
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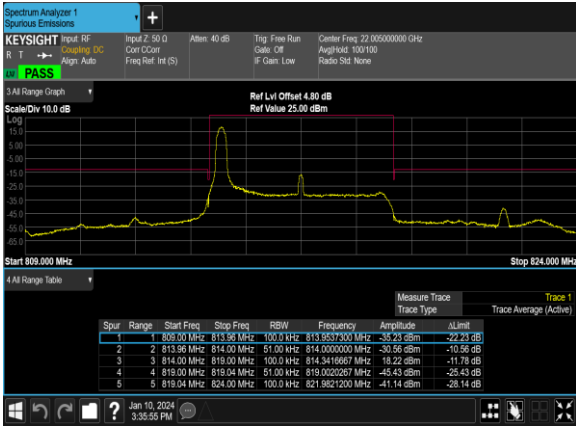
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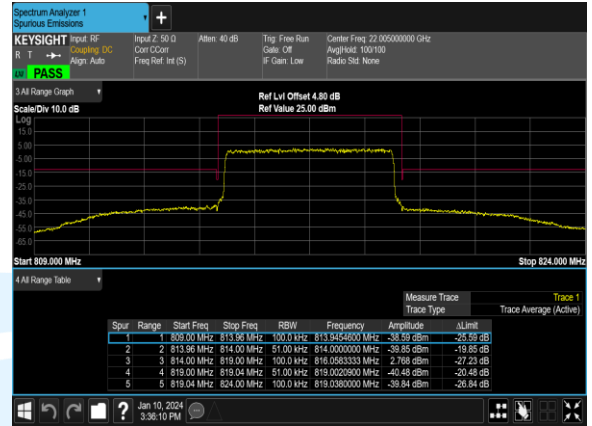
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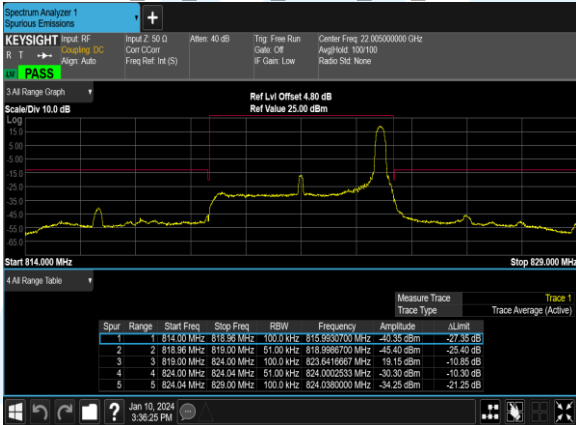
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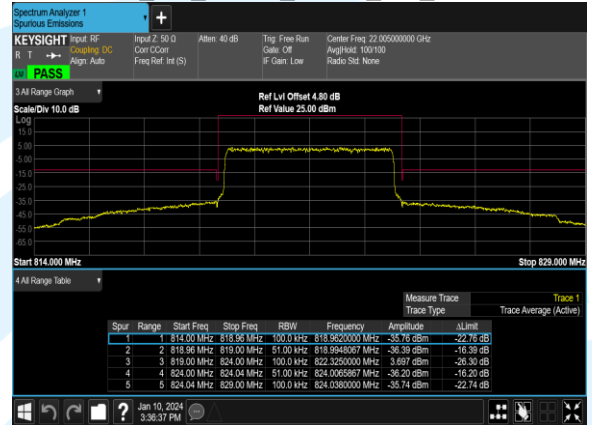
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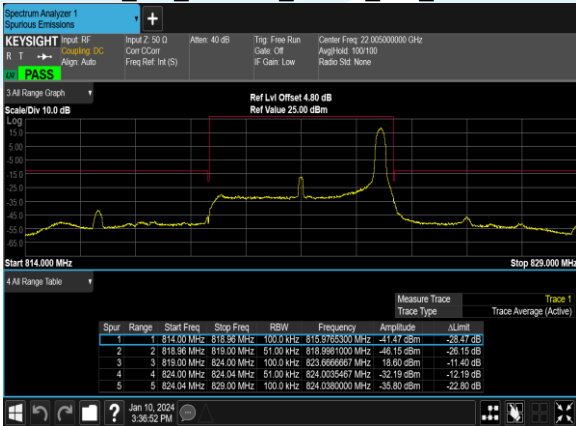
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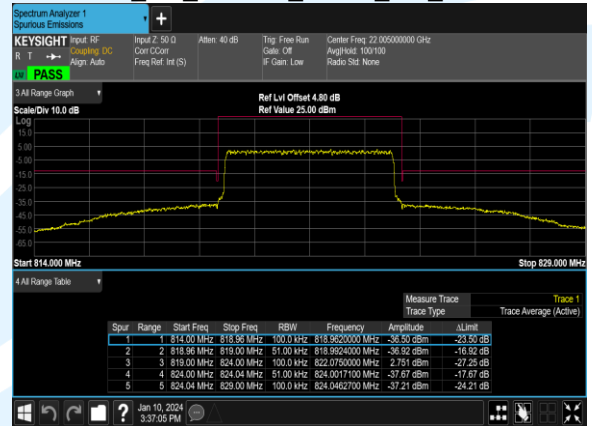
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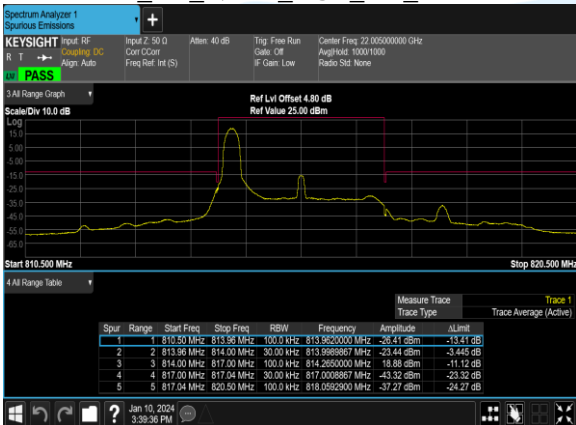
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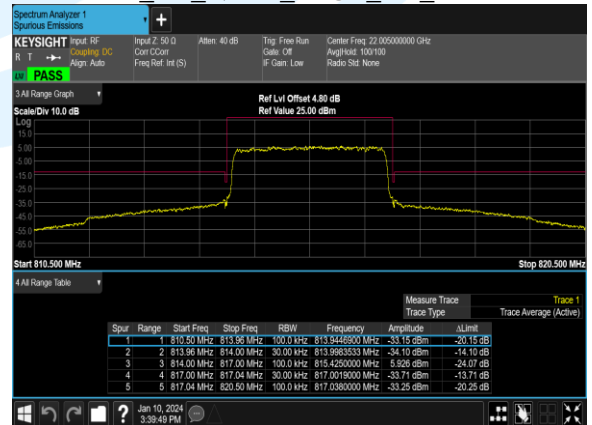
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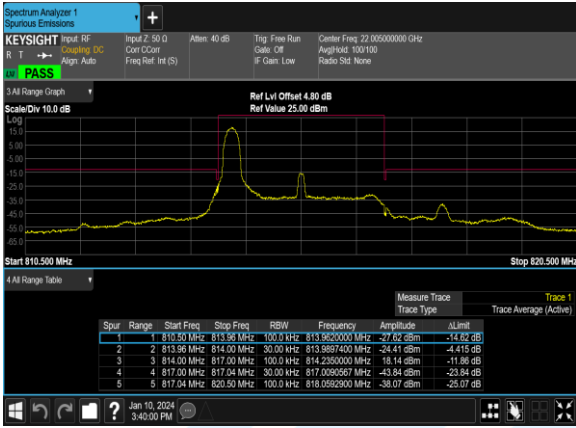
B26_3M_QPSK_1@0_CH_26705



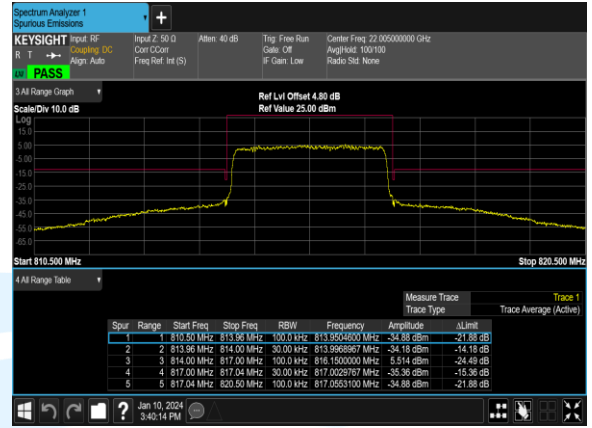
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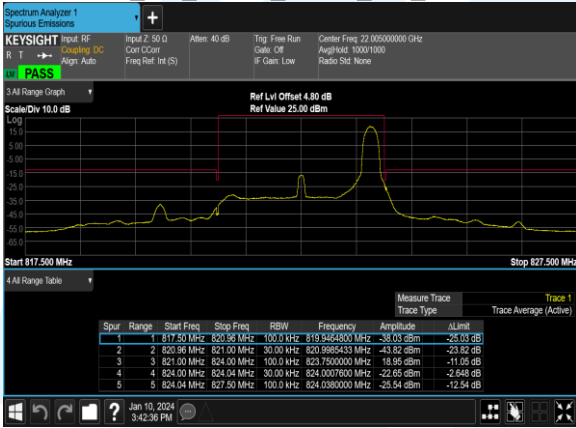
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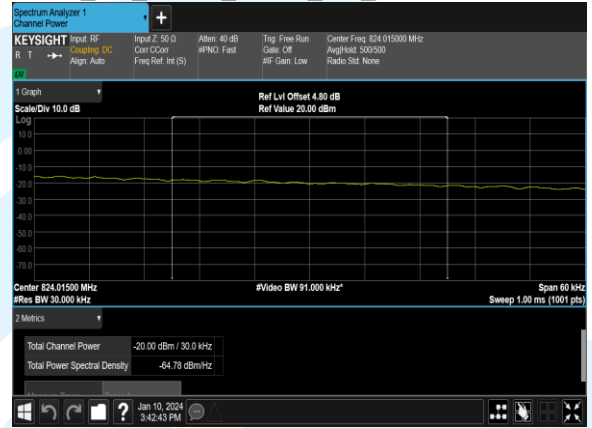
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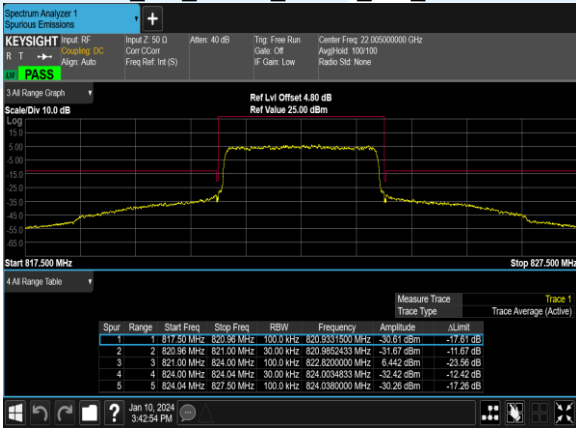
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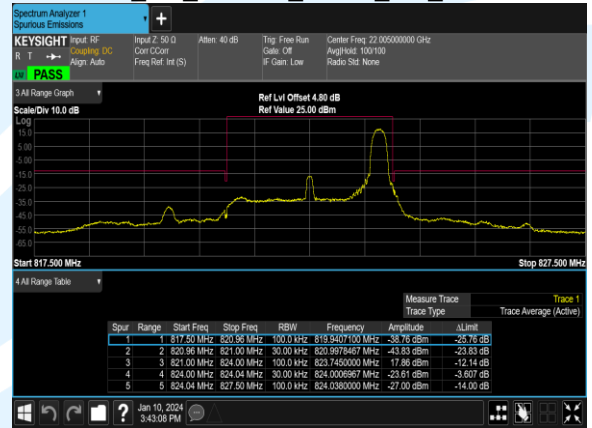
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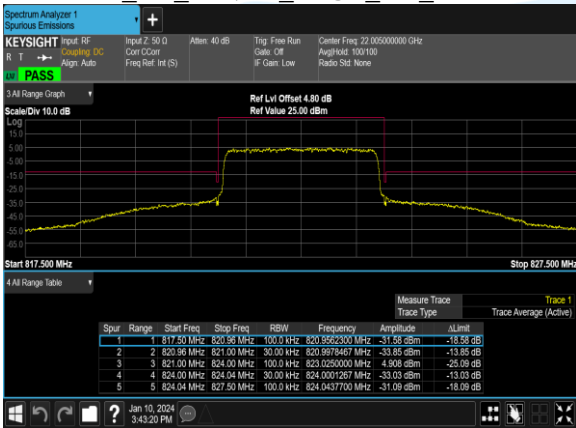
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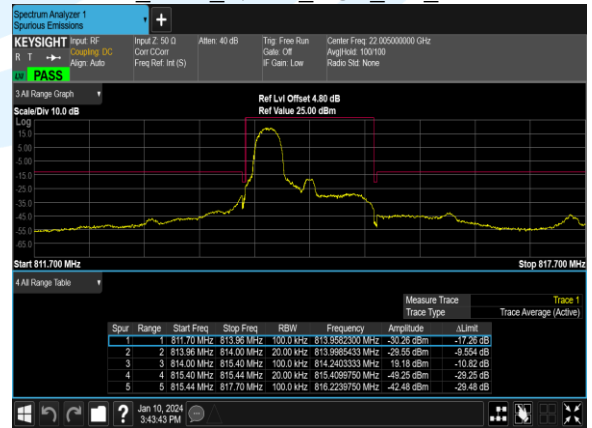
B26_3M_16QAM_1@14_CH_26775



B26_3M_16QAM_15@0_CH_26775



B26_1.4M_QPSK_1@0_CH_26697



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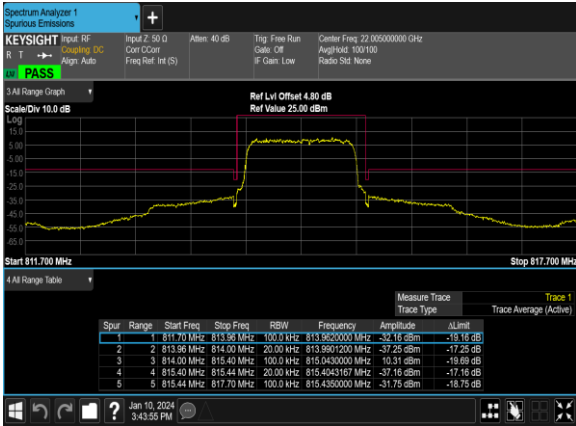
Fax: +86-755-28230886

E-mail: info@uttlab.com

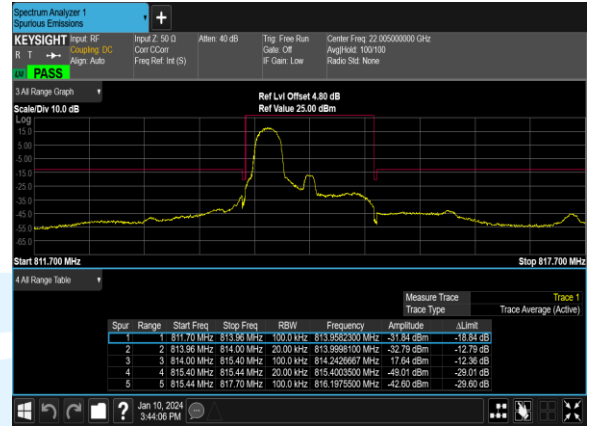
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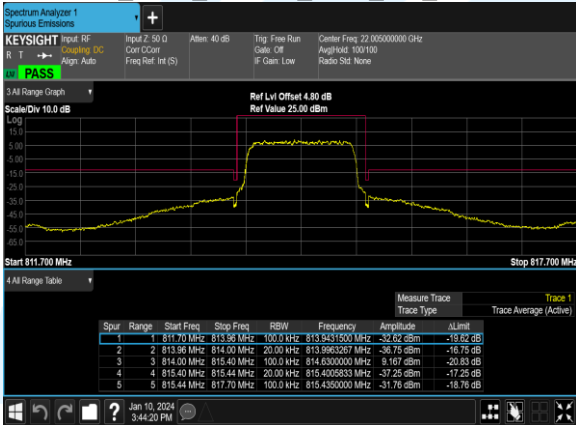
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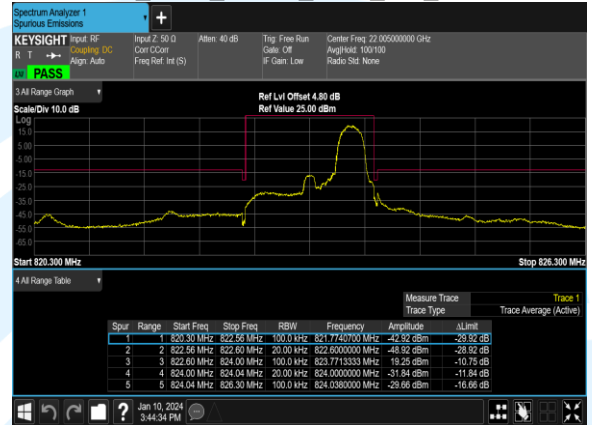
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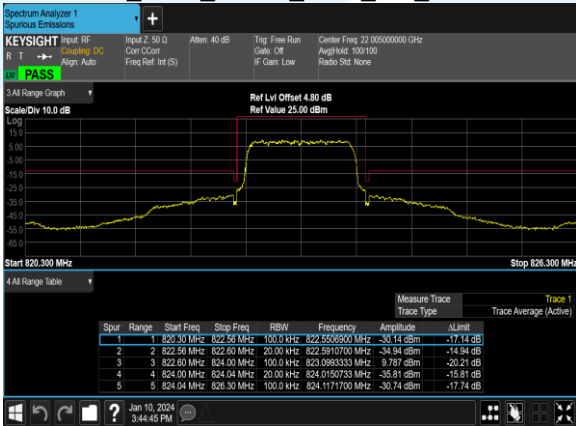
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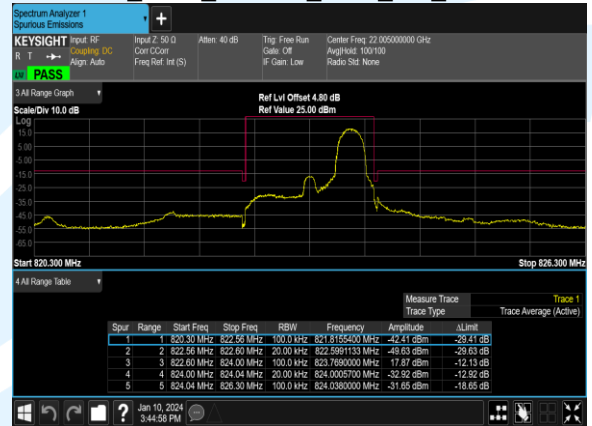
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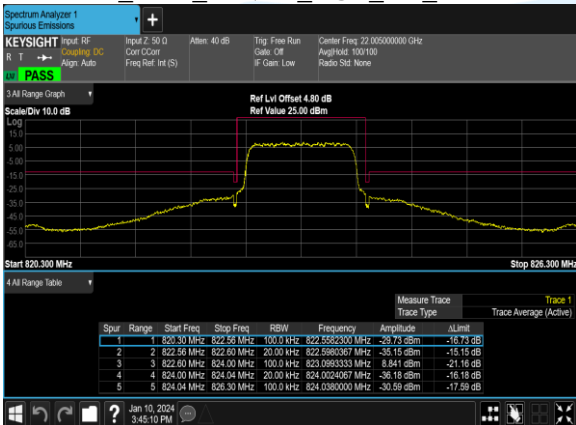
B26_1.4M_QPSK_6@0_CH_26783



B26_1.4M_16QAM_1@5_CH_26783



B26_1.4M_16QAM_6@0_CH_26783



A.11 LTE BAND 30

Peak to Average Ratio

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
30	10.0	27710	2310.0	QPSK	50@0	5.44	13	PASS
30	10.0	27710	2310.0	16QAM	50@0	6.23	13	PASS
30	5.0	27685	2307.5	QPSK	25@0	5.65	13	PASS
30	5.0	27685	2307.5	16QAM	25@0	6.33	13	PASS
30	5.0	27710	2310.0	QPSK	25@0	5.50	13	PASS
30	5.0	27710	2310.0	16QAM	25@0	6.19	13	PASS
30	5.0	27735	2312.5	QPSK	25@0	5.34	13	PASS
30	5.0	27735	2312.5	16QAM	25@0	6.11	13	PASS

Test Graphs

B30_10M_QPSK_50@0_CH_27710



B30_10M_16QAM_50@0_CH_27710



B30_5M_QPSK_25@0_CH_27685



B30_5M_16QAM_25@0_CH_27685



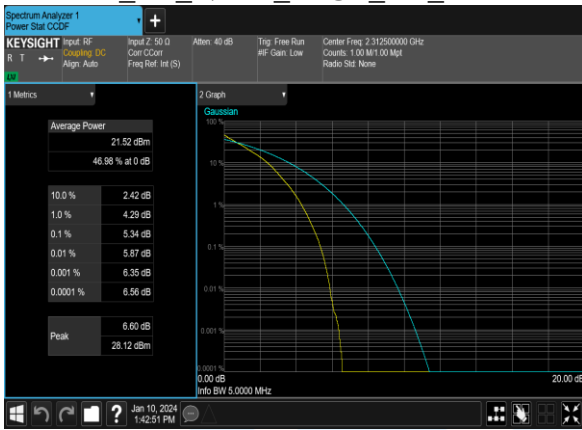
B30_5M_QPSK_25@0_CH_27710



B30_5M_16QAM_25@0_CH_27710



B30_5M_QPSK_25@0_CH_27735



B30_5M_16QAM_25@0_CH_27735

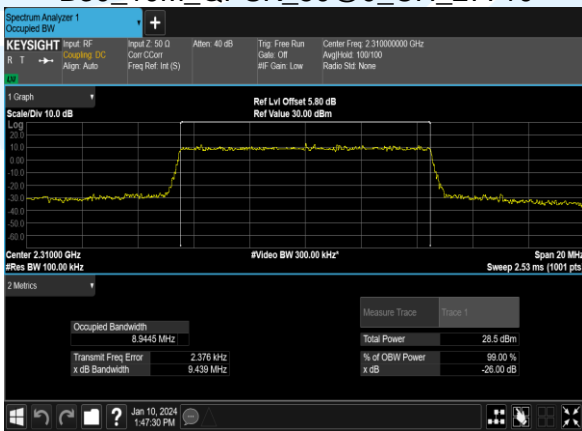


Occupied Bandwidth

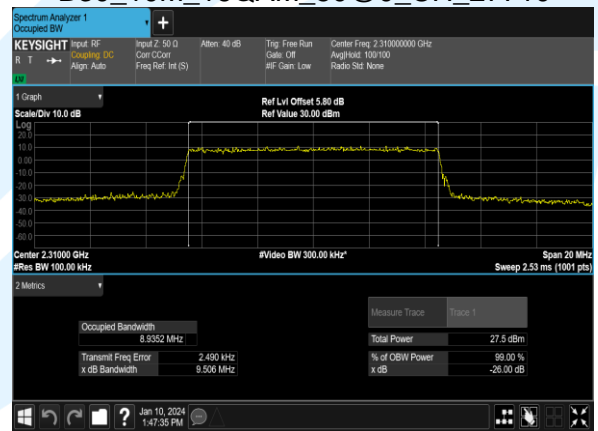
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
30	10.0	27710	2310.0	QPSK	50@0	8.9445	9.439
30	10.0	27710	2310.0	16QAM	50@0	8.9352	9.506
30	5.0	27685	2307.5	QPSK	25@0	4.4622	4.832
30	5.0	27685	2307.5	16QAM	25@0	4.4683	4.826
30	5.0	27710	2310.0	QPSK	25@0	4.4671	4.834
30	5.0	27710	2310.0	16QAM	25@0	4.4612	4.777
30	5.0	27735	2312.5	QPSK	25@0	4.4671	4.788
30	5.0	27735	2312.5	16QAM	25@0	4.4698	4.845

Test Graphs

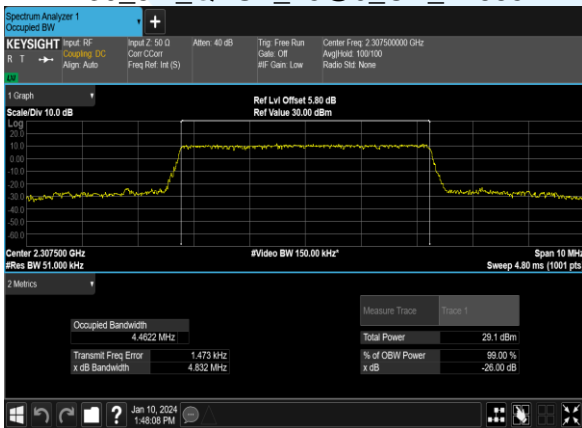
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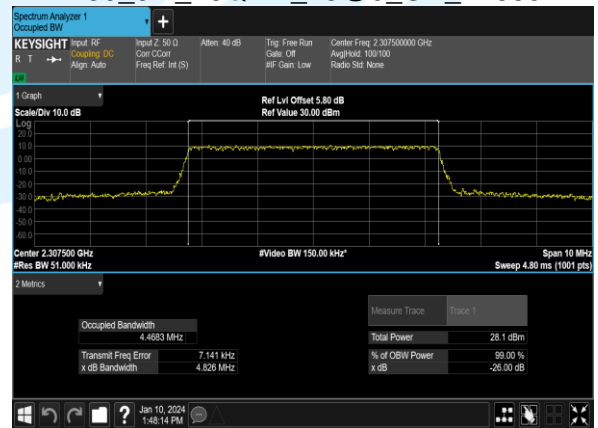
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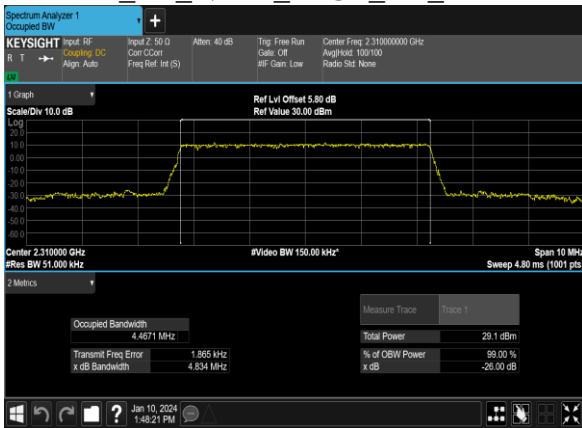
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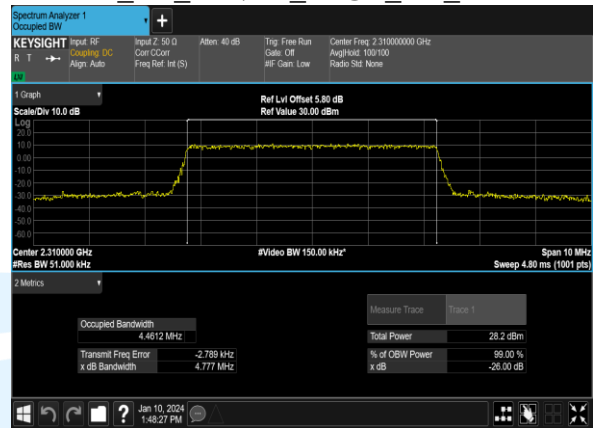
B30_5M_16QAM_25@0_CH_27685



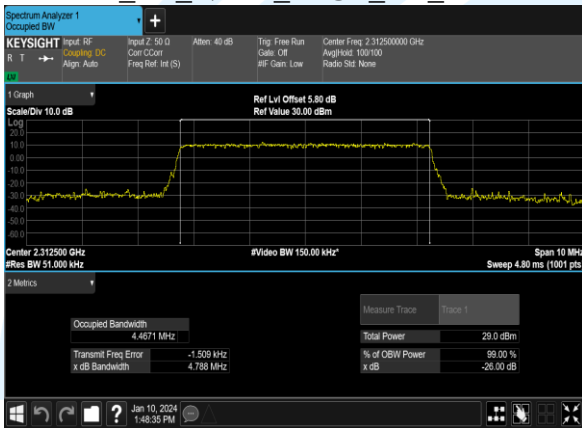
B30_5M_QPSK_25@0_CH_27710



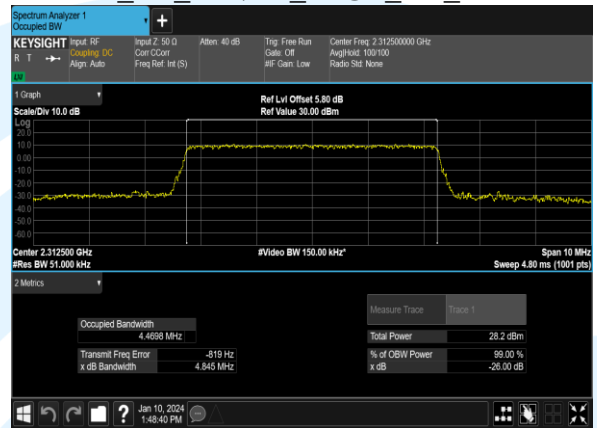
B30_5M_16QAM_25@0_CH_27710



B30_5M_QPSK_25@0_CH_27735



B30_5M_16QAM_25@0_CH_27735



Conducted Spurious Emissions

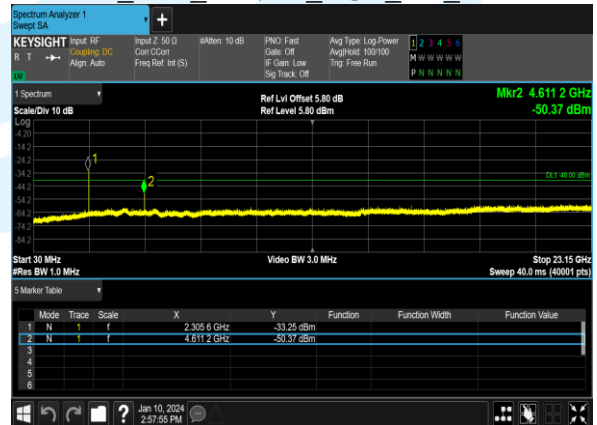
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dBm)	Limit (dBm)	Verdict
30	10.0	27710	2310.0	QPSK	1@0	-48.14	-48	PASS
30	10.0	27710	2310.0	16QAM	1@0	-50.37	-48	PASS
30	5.0	27685	2307.5	QPSK	1@0	-48.67	-48	PASS
30	5.0	27685	2307.5	16QAM	1@0	-49.69	-48	PASS
30	5.0	27710	2310.0	QPSK	1@0	-50.75	-48	PASS
30	5.0	27710	2310.0	16QAM	1@0	-50.49	-48	PASS
30	5.0	27735	2312.5	QPSK	1@0	-51.84	-48	PASS
30	5.0	27735	2312.5	16QAM	1@0	-54.14	-48	PASS

Test Graphs

B30_10M_QPSK_1@0_CH_27710



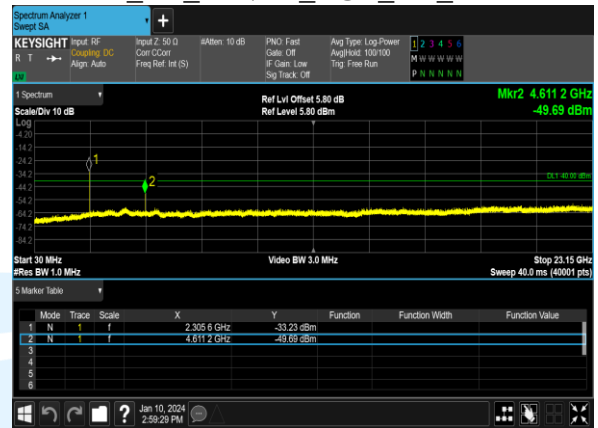
B30_10M_16QAM_1@0_CH_27710



B30_5M_QPSK_1@0_CH_27685



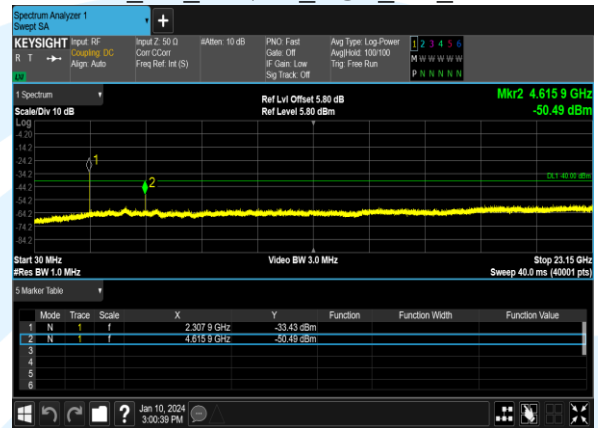
B30_5M_16QAM_1@0_CH_27685



B30_5M_QPSK_1@0_CH_27710



B30_5M_16QAM_1@0_CH_27710



B30_5M_QPSK_1@0_CH_27735



B30_5M_16QAM_1@0_CH_27735

