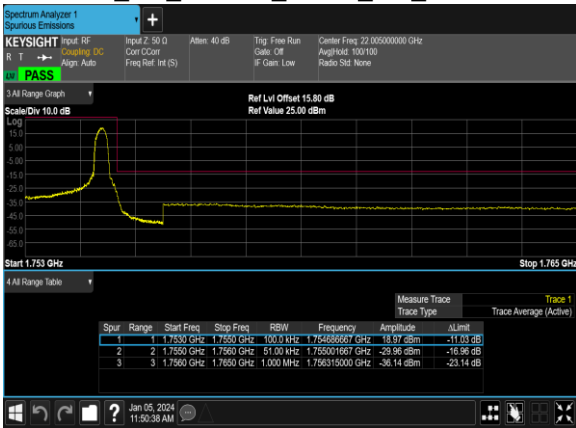


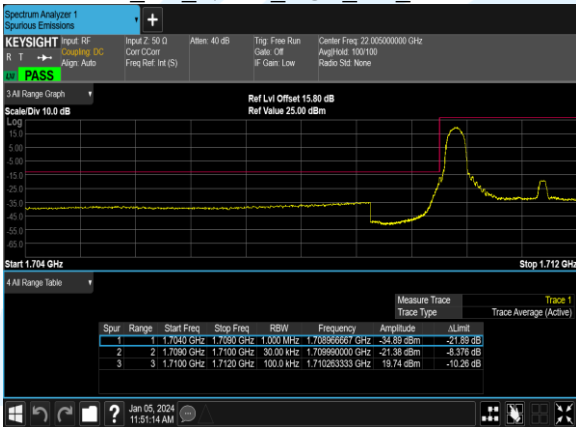
B4_5M_16QAM_1@24_CH_20375



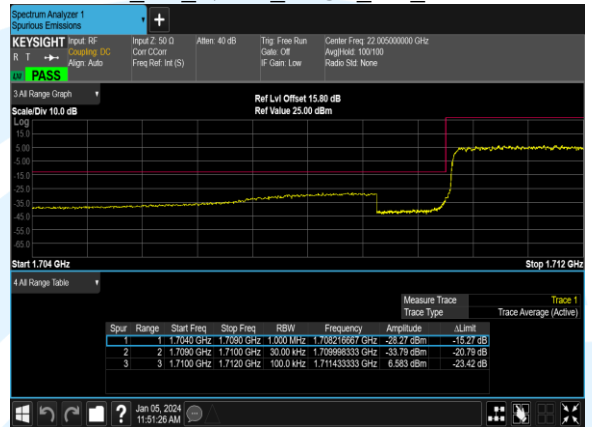
B4_5M_16QAM_25@0_CH_20375



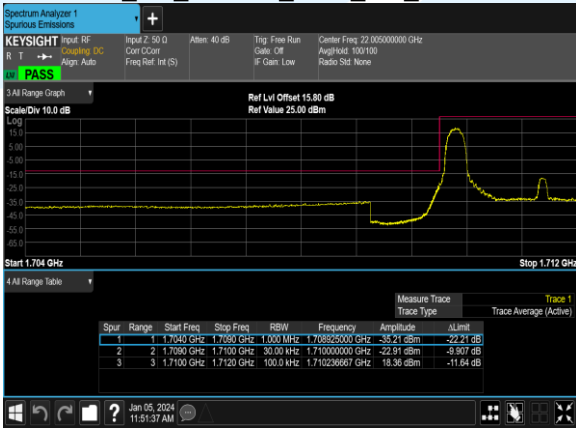
B4_3M_QPSK_1@0_CH_19965



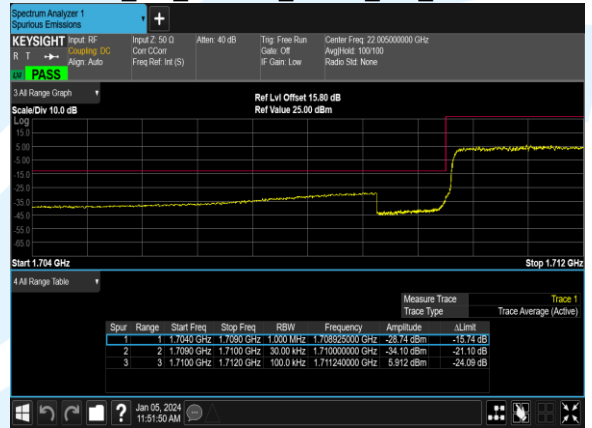
B4_3M_QPSK_15@0_CH_19965



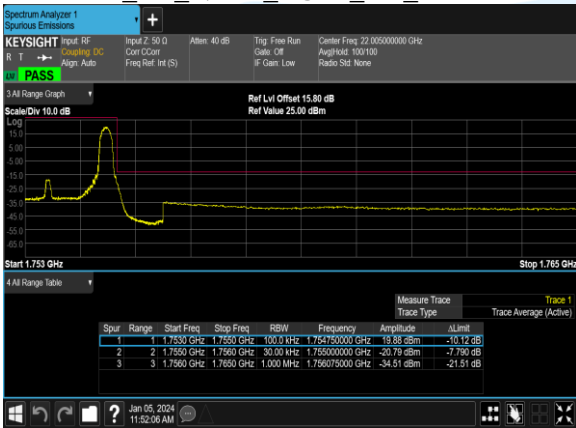
B4_3M_16QAM_1@0_CH_19965



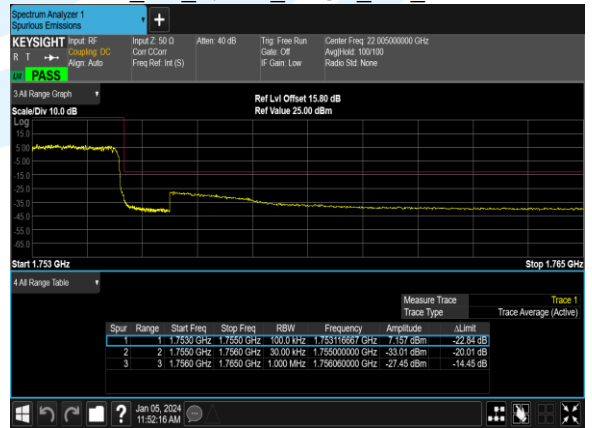
B4_3M_16QAM_15@0_CH_19965



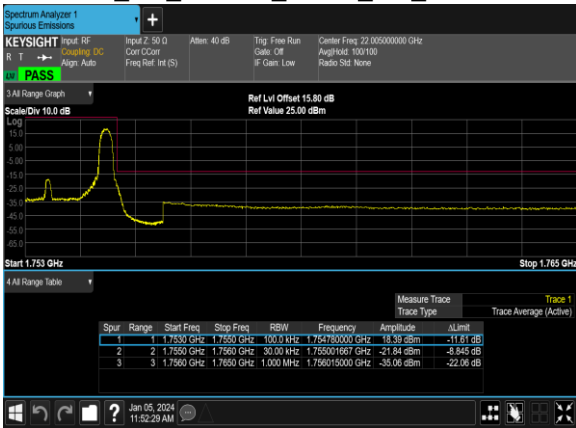
B4_3M_QPSK_1@14_CH_20385



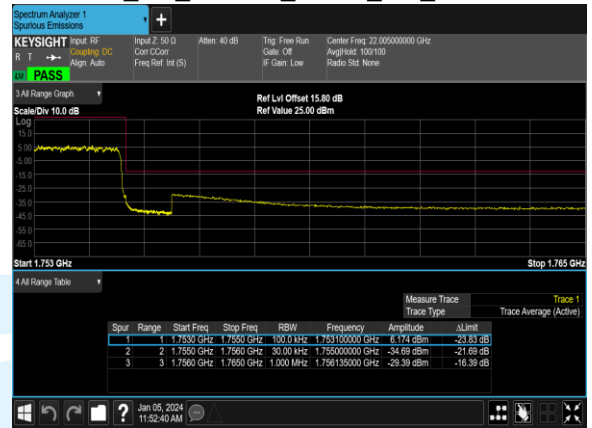
B4_3M_QPSK_15@0_CH_20385



B4_3M_16QAM_1@14_CH_20385



B4_3M_16QAM_15@0_CH_20385



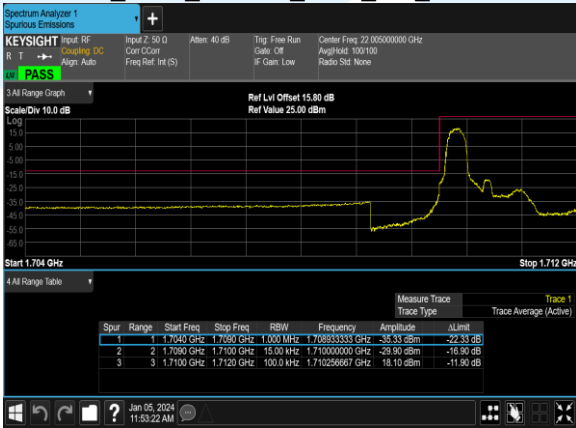
B4_1.4M_QPSK_1@0_CH_19957



B4_1.4M_QPSK_6@0_CH_19957



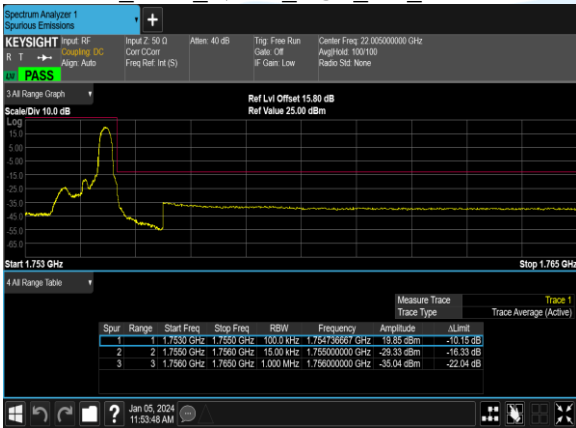
B4_1.4M_16QAM_1@0_CH_19957



B4_1.4M_16QAM_6@0_CH_19957



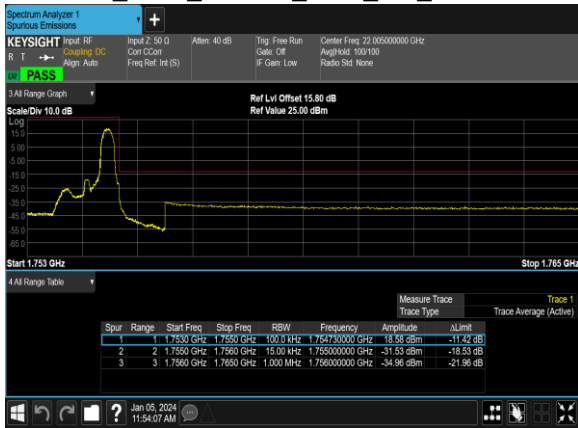
B4_1.4M_QPSK_1@5_CH_20393



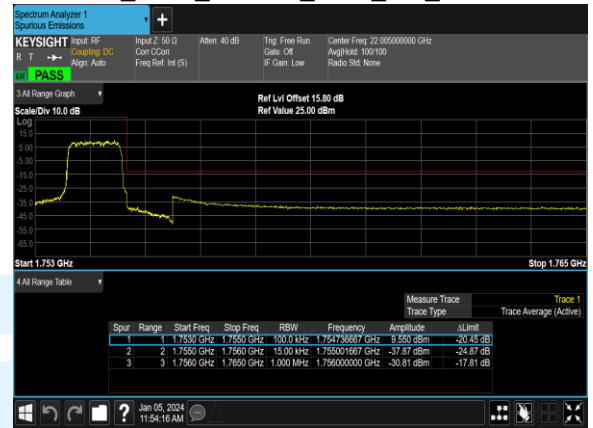
B4_1.4M_QPSK_6@0_CH_20393



B4_1.4M_16QAM_1@5_CH_20393



B4_1.4M_16QAM_6@0_CH_20393



Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

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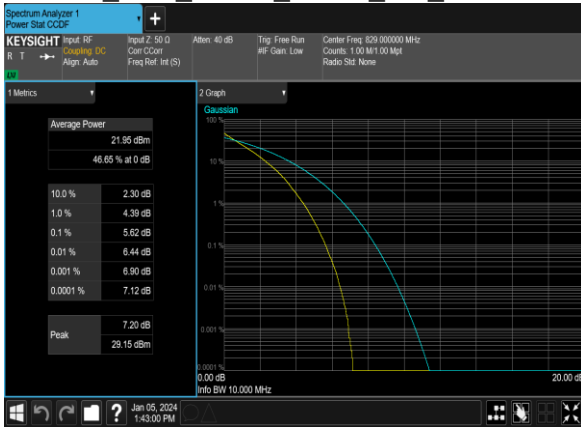
A.3 LTE BAND 5

Peak to Average Ratio

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
5	10.0	20450	829.0	QPSK	50@0	5.62	13	PASS
5	10.0	20450	829.0	16QAM	50@0	6.34	13	PASS
5	10.0	20525	836.5	QPSK	50@0	6.10	13	PASS
5	10.0	20525	836.5	16QAM	50@0	6.79	13	PASS
5	10.0	20600	844.0	QPSK	50@0	5.67	13	PASS
5	10.0	20600	844.0	16QAM	50@0	6.46	13	PASS
5	5.0	20425	826.5	QPSK	25@0	5.83	13	PASS
5	5.0	20425	826.5	16QAM	25@0	6.38	13	PASS
5	5.0	20525	836.5	QPSK	25@0	6.17	13	PASS
5	5.0	20525	836.5	16QAM	25@0	6.71	13	PASS
5	5.0	20625	846.5	QPSK	25@0	5.77	13	PASS
5	5.0	20625	846.5	16QAM	25@0	6.49	13	PASS
5	3.0	20415	825.5	QPSK	15@0	5.80	13	PASS
5	3.0	20415	825.5	16QAM	15@0	6.42	13	PASS
5	3.0	20525	836.5	QPSK	15@0	5.77	13	PASS
5	3.0	20525	836.5	16QAM	15@0	6.64	13	PASS
5	3.0	20635	847.5	QPSK	15@0	5.57	13	PASS
5	3.0	20635	847.5	16QAM	15@0	6.34	13	PASS
5	1.4	20407	824.7	QPSK	6@0	5.79	13	PASS
5	1.4	20407	824.7	16QAM	6@0	6.53	13	PASS
5	1.4	20525	836.5	QPSK	6@0	5.86	13	PASS
5	1.4	20525	836.5	16QAM	6@0	6.66	13	PASS
5	1.4	20643	848.3	QPSK	6@0	5.25	13	PASS
5	1.4	20643	848.3	16QAM	6@0	6.08	13	PASS

Test Graphs

B5_10M_QPSK_50@0_CH_20450



B5_10M_16QAM_50@0_CH_20450



B5_10M_QPSK_50@0_CH_20525



B5_10M_16QAM_50@0_CH_20525



B5_10M_QPSK_50@0_CH_20600



B5_10M_16QAM_50@0_CH_20600



B5_5M_QPSK_25@0_CH_20425



B5_5M_16QAM_25@0_CH_20425



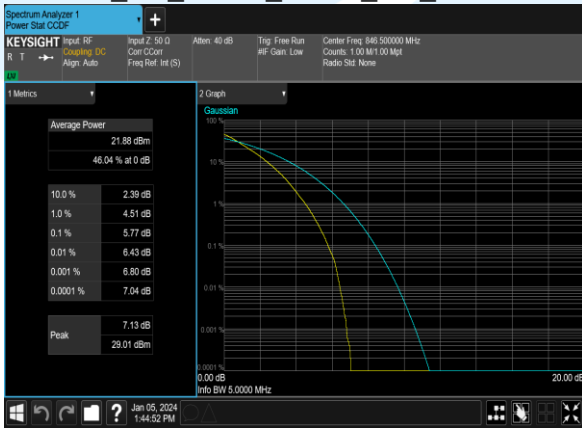
B5_5M_QPSK_25@0_CH_20525



B5_5M_16QAM_25@0_CH_20525



B5_5M_QPSK_25@0_CH_20625



B5_5M_16QAM_25@0_CH_20625



B5_3M_QPSK_15@0_CH_20415



B5_3M_16QAM_15@0_CH_20415



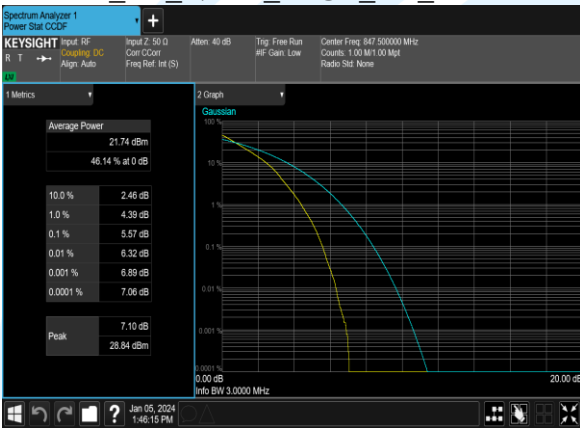
B5_3M_QPSK_15@0_CH_20525



B5_3M_16QAM_15@0_CH_20525



B5_3M_QPSK_15@0_CH_20635



B5_3M_16QAM_15@0_CH_20635



B5_1.4M_QPSK_6@0_CH_20407



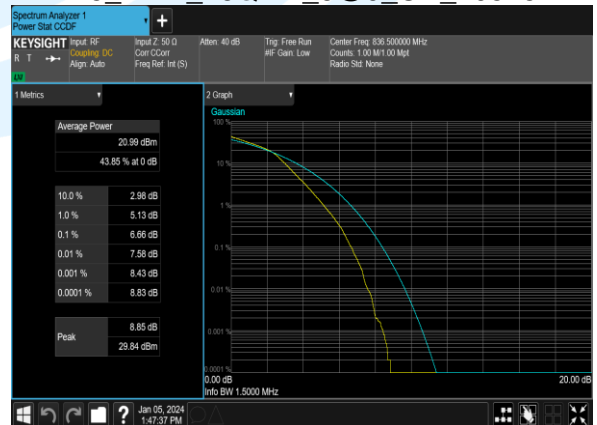
B5_1.4M_16QAM_6@0_CH_20407



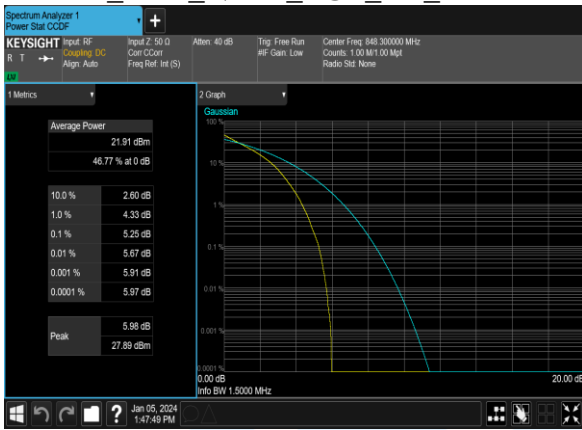
B5_1.4M_QPSK_6@0_CH_20525



B5_1.4M_16QAM_6@0_CH_20525



B5_1.4M_QPSK_6@0_CH_20643



B5_1.4M_16QAM_6@0_CH_20643



Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

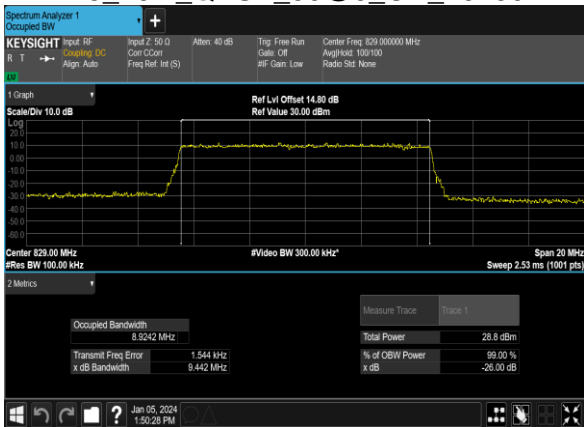
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Occupied Bandwidth

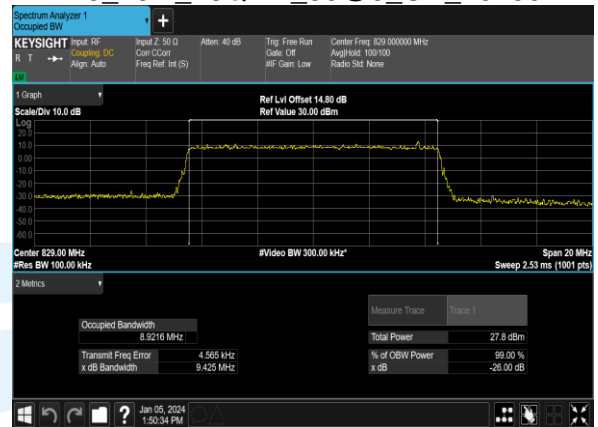
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
5	10.0	20450	829.0	QPSK	50@0	8.9242	9.442
5	10.0	20450	829.0	16QAM	50@0	8.9216	9.425
5	10.0	20525	836.5	QPSK	50@0	8.9324	9.495
5	10.0	20525	836.5	16QAM	50@0	8.9394	9.476
5	10.0	20600	844.0	QPSK	50@0	8.9259	9.406
5	10.0	20600	844.0	16QAM	50@0	8.9143	9.503
5	5.0	20425	826.5	QPSK	25@0	4.4538	4.742
5	5.0	20425	826.5	16QAM	25@0	4.4636	4.832
5	5.0	20525	836.5	QPSK	25@0	4.4676	4.821
5	5.0	20525	836.5	16QAM	25@0	4.4733	4.762
5	5.0	20625	846.5	QPSK	25@0	4.4539	4.798
5	5.0	20625	846.5	16QAM	25@0	4.4541	4.818
5	3.0	20415	825.5	QPSK	15@0	2.6732	2.889
5	3.0	20415	825.5	16QAM	15@0	2.6723	2.895
5	3.0	20525	836.5	QPSK	15@0	2.6708	2.874
5	3.0	20525	836.5	16QAM	15@0	2.6678	2.900
5	3.0	20635	847.5	QPSK	15@0	2.6751	2.889
5	3.0	20635	847.5	16QAM	15@0	2.6666	2.887
5	1.4	20407	824.7	QPSK	6@0	1.0795	1.234
5	1.4	20407	824.7	16QAM	6@0	1.0755	1.232
5	1.4	20525	836.5	QPSK	6@0	1.0794	1.236
5	1.4	20525	836.5	16QAM	6@0	1.0818	1.253
5	1.4	20643	848.3	QPSK	6@0	1.0801	1.230
5	1.4	20643	848.3	16QAM	6@0	1.0754	1.214

Test Graphs

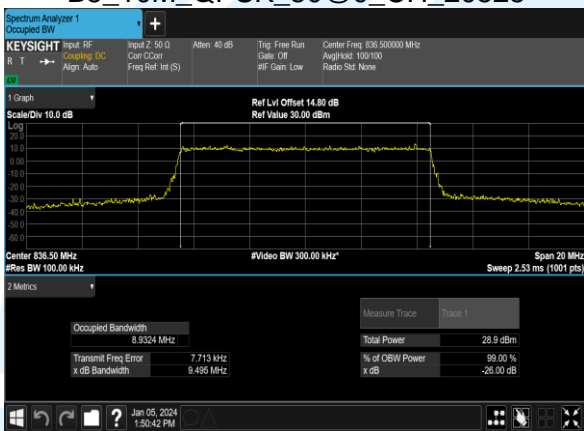
B5_10M_QPSK_50@0_CH_20450



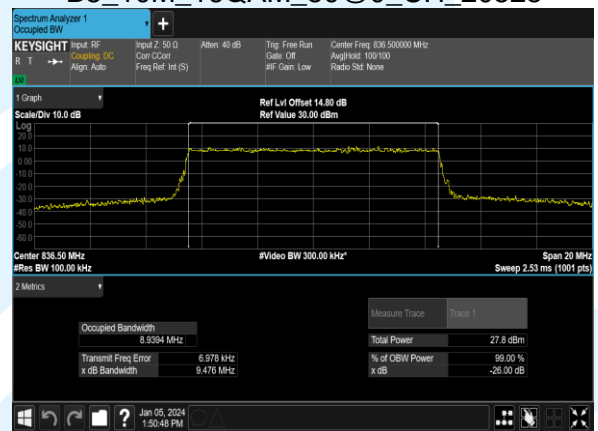
B5_10M_16QAM_50@0_CH_20450



B5_10M_QPSK_50@0_CH_20525



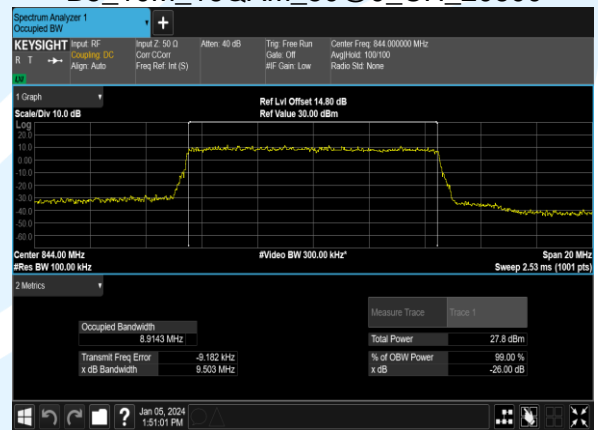
B5_10M_16QAM_50@0_CH_20525



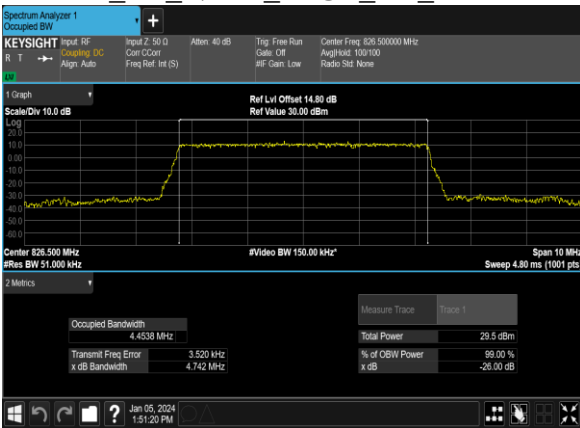
B5_10M_QPSK_50@0_CH_20600



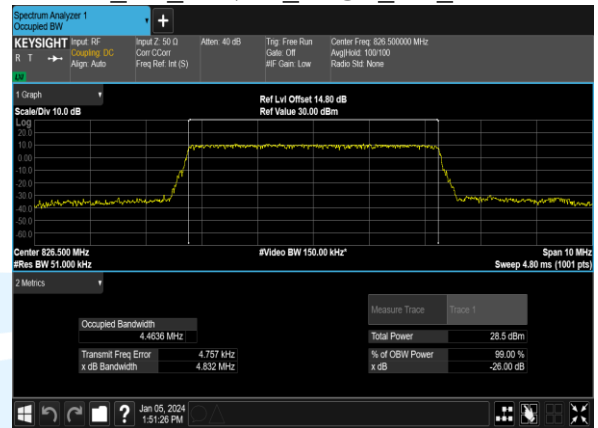
B5_10M_16QAM_50@0_CH_20600



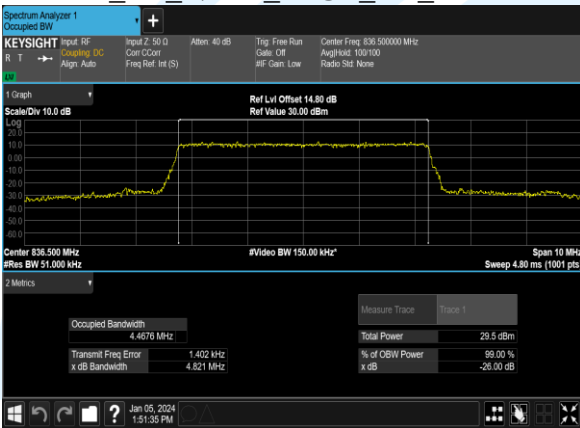
B5_5M_QPSK_25@0_CH_20425



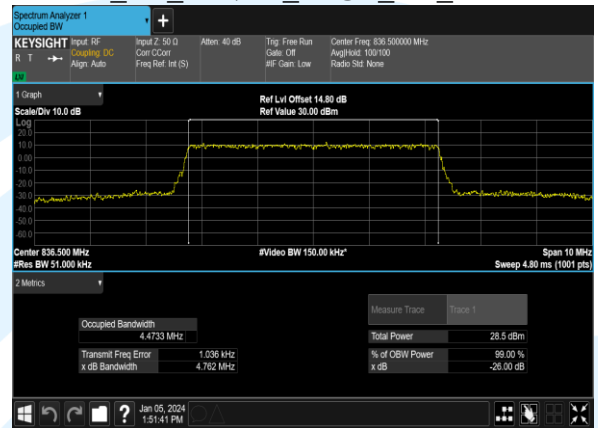
B5_5M_16QAM_25@0_CH_20425



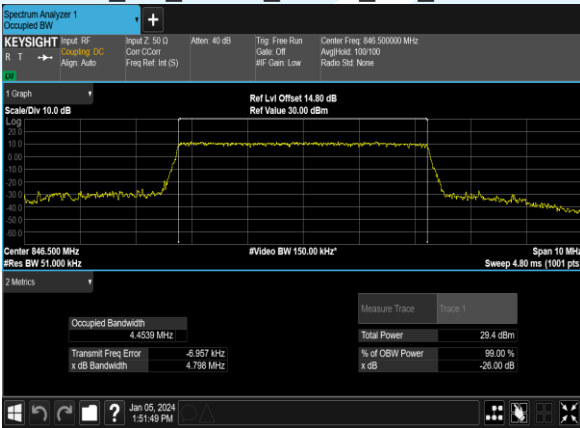
B5_5M_QPSK_25@0_CH_20525



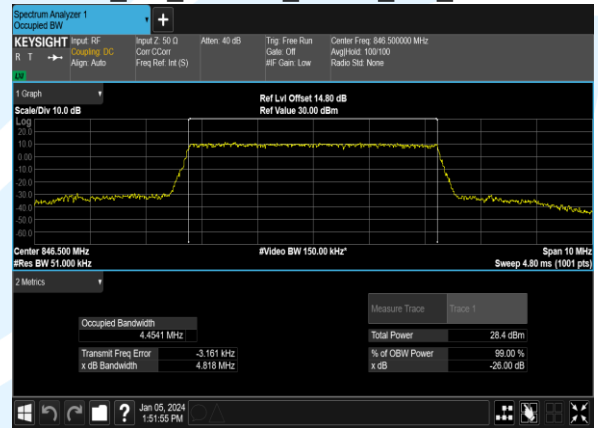
B5_5M_16QAM_25@0_CH_20525



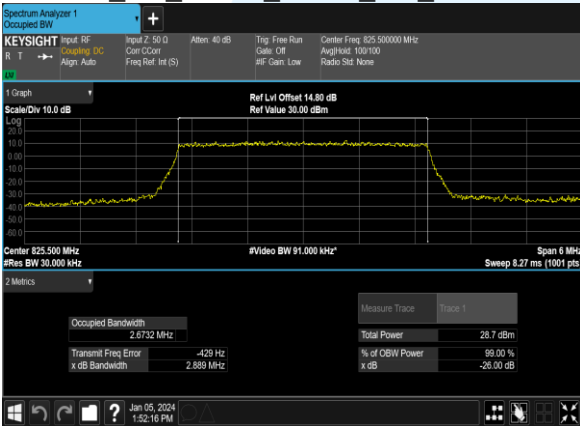
B5_5M_QPSK_25@0_CH_20625



B5_5M_16QAM_25@0_CH_20625



B5_3M_QPSK_15@0_CH_20415



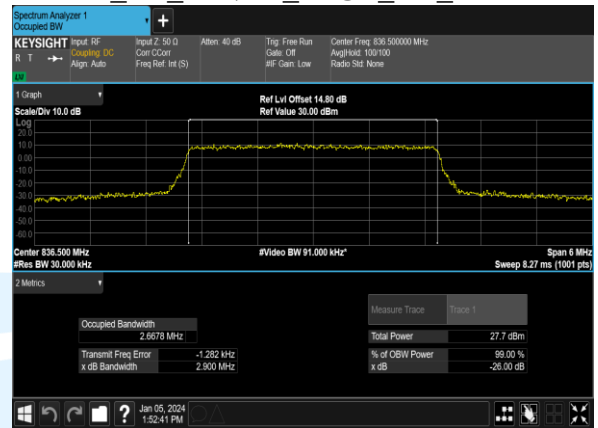
B5_3M_16QAM_15@0_CH_20415



B5_3M_QPSK_15@0_CH_20525



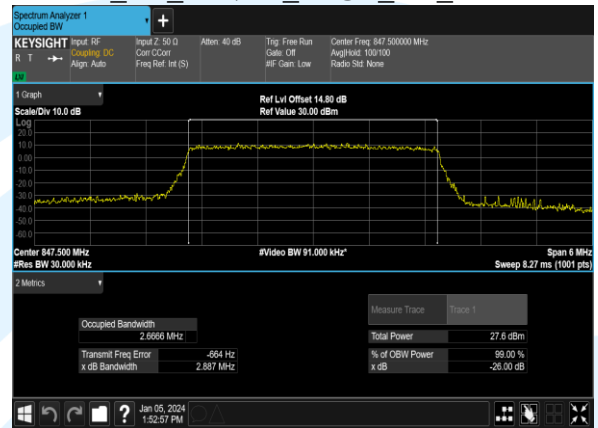
B5_3M_16QAM_15@0_CH_20525



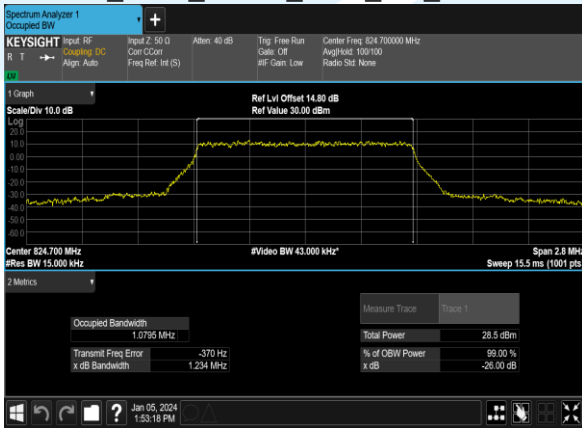
B5_3M_QPSK_15@0_CH_20635



B5_3M_16QAM_15@0_CH_20635



B5_1.4M_QPSK_6@0_CH_20407



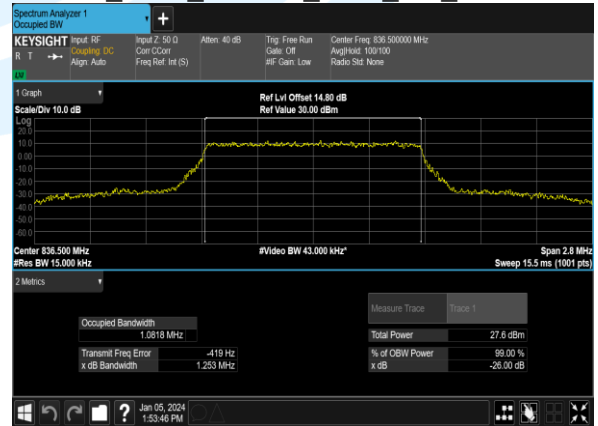
B5_1.4M_16QAM_6@0_CH_20407



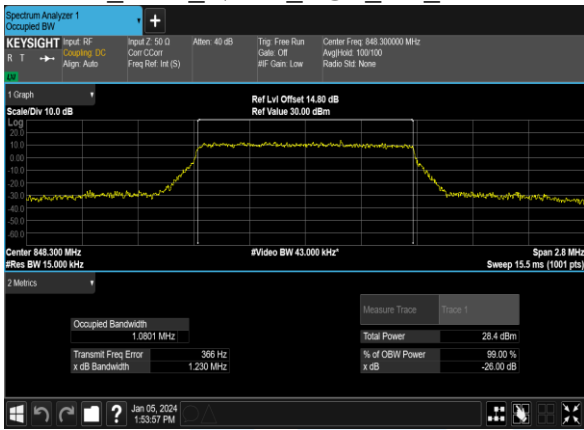
B5_1.4M_QPSK_6@0_CH_20525



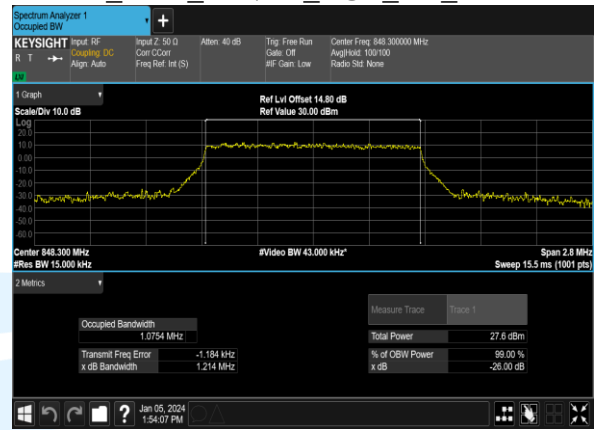
B5_1.4M_16QAM_6@0_CH_20525



B5_1.4M_QPSK_6@0_CH_20643



B5_1.4M_16QAM_6@0_CH_20643



Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

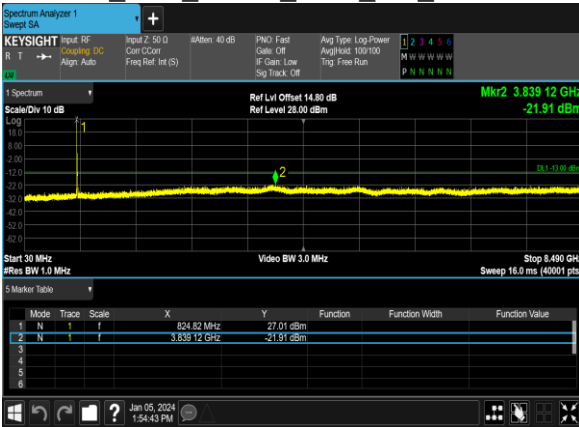
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Conducted Spurious Emissions

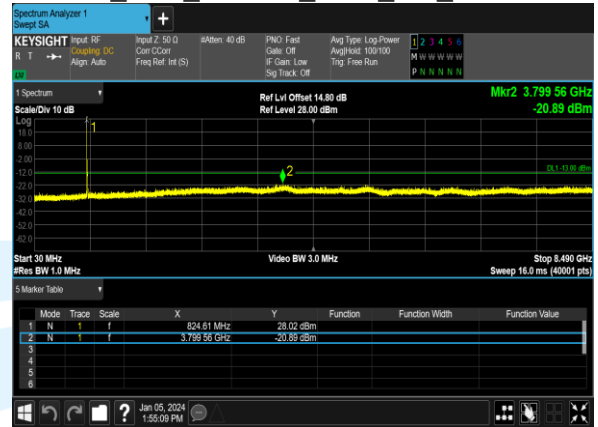
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dBm)	Limit (dBm)	Verdict
5	10.0	20450	829.0	QPSK	1@0	-21.91	-13	PASS
5	10.0	20450	829.0	16QAM	1@0	-20.89	-13	PASS
5	10.0	20525	836.5	QPSK	1@0	-21.6	-13	PASS
5	10.0	20525	836.5	16QAM	1@0	-21.45	-13	PASS
5	10.0	20600	844.0	QPSK	1@0	-21.28	-13	PASS
5	10.0	20600	844.0	16QAM	1@0	-20.99	-13	PASS
5	5.0	20425	826.5	QPSK	1@0	-20.94	-13	PASS
5	5.0	20425	826.5	16QAM	1@0	-21.39	-13	PASS
5	5.0	20525	836.5	QPSK	1@0	-20.55	-13	PASS
5	5.0	20525	836.5	16QAM	1@0	-21.13	-13	PASS
5	5.0	20625	846.5	QPSK	1@0	-21.2	-13	PASS
5	5.0	20625	846.5	16QAM	1@0	-20.96	-13	PASS
5	3.0	20415	825.5	QPSK	1@0	-21.63	-13	PASS
5	3.0	20415	825.5	16QAM	1@0	-21.6	-13	PASS
5	3.0	20525	836.5	QPSK	1@0	-21.52	-13	PASS
5	3.0	20525	836.5	16QAM	1@0	-21.16	-13	PASS
5	3.0	20635	847.5	QPSK	1@0	-21.5	-13	PASS
5	3.0	20635	847.5	16QAM	1@0	-20.06	-13	PASS
5	1.4	20407	824.7	QPSK	1@0	-20.86	-13	PASS
5	1.4	20407	824.7	16QAM	1@0	-20.8	-13	PASS
5	1.4	20525	836.5	QPSK	1@0	-20.77	-13	PASS
5	1.4	20525	836.5	16QAM	1@0	-20.46	-13	PASS
5	1.4	20643	848.3	QPSK	1@0	-21.01	-13	PASS
5	1.4	20643	848.3	16QAM	1@0	-21.6	-13	PASS

Test Graphs

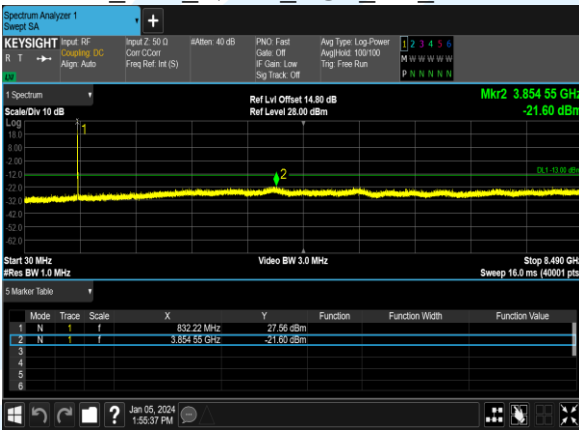
B5_10M_QPSK_1@0_CH_20450



B5_10M_16QAM_1@0_CH_20450



B5_10M_QPSK_1@0_CH_20525



B5_10M_16QAM_1@0_CH_20525



B5_10M_QPSK_1@0_CH_20600



B5_10M_16QAM_1@0_CH_20600



B5_5M_QPSK_1@0_CH_20425



B5_5M_16QAM_1@0_CH_20425



B5_5M_QPSK_1@0_CH_20525



B5_5M_16QAM_1@0_CH_20525



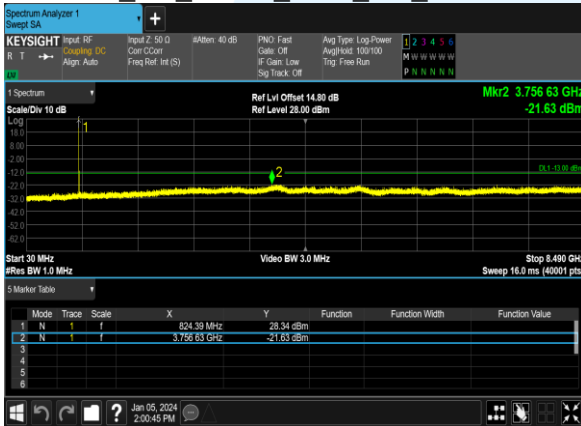
B5_5M_QPSK_1@0_CH_20625



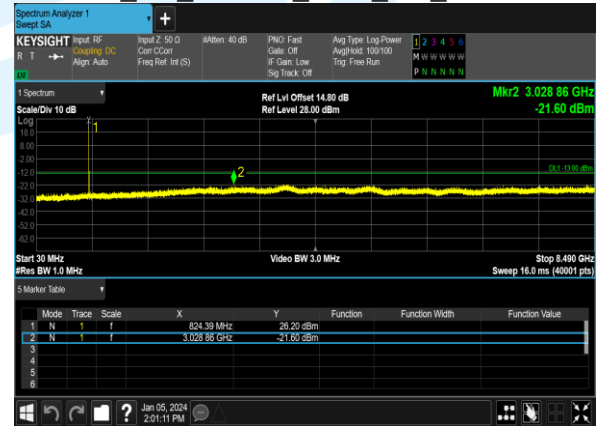
B5_5M_16QAM_1@0_CH_20625



B5_3M_QPSK_1@0_CH_20415



B5_3M_16QAM_1@0_CH_20415



B5_3M_QPSK_1@0_CH_20525



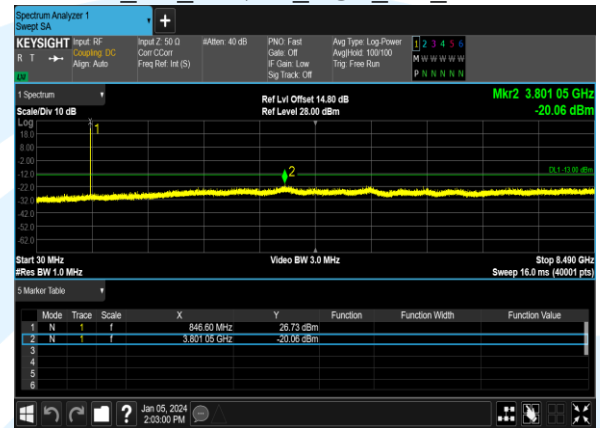
B5_3M_16QAM_1@0_CH_20525



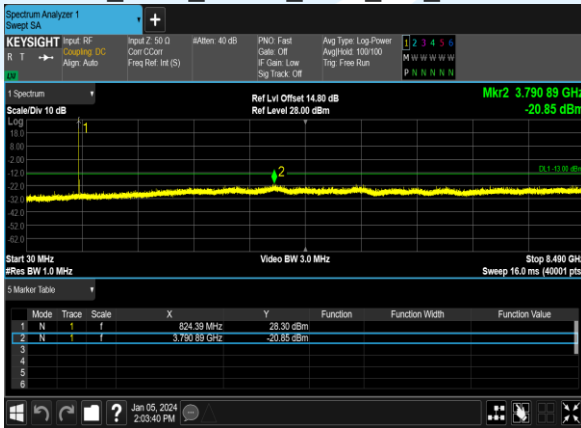
B5_3M_QPSK_1@0_CH_20635



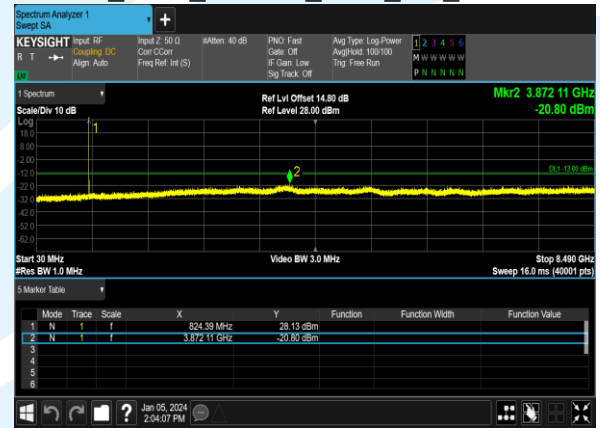
B5_3M_16QAM_1@0_CH_20635



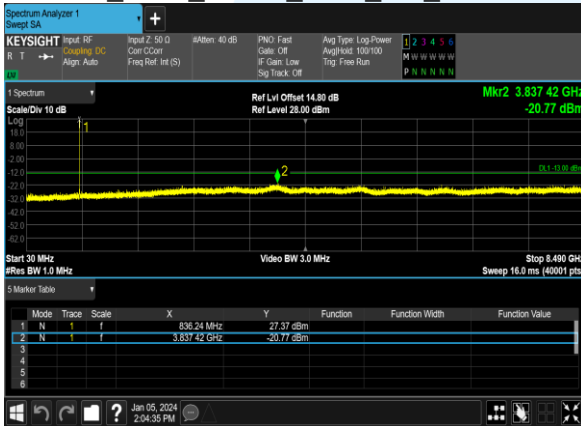
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B5_1.4M_16QAM_1@0_CH_20407



B5_1.4M_QPSK_1@0_CH_20525



B5_1.4M_16QAM_1@0_CH_20525

