

B41 20M QPSK 1@0 CH 41490



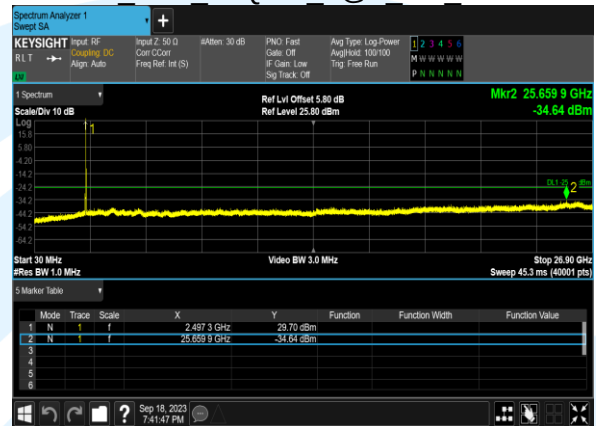
B41 20M 16QAM 1@0 CH 41490



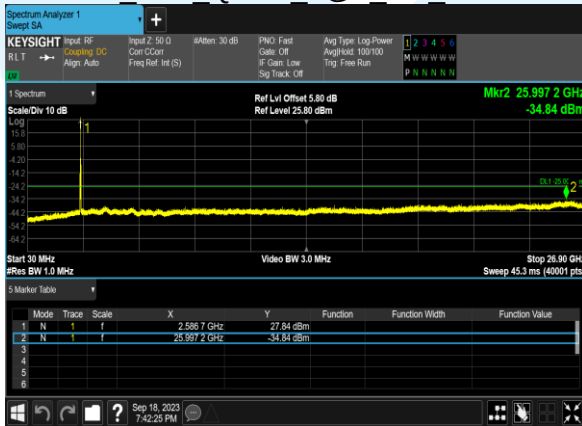
B41 15M QPSK 1@0 CH 39725



B41 15M 16QAM 1@0 CH 39725



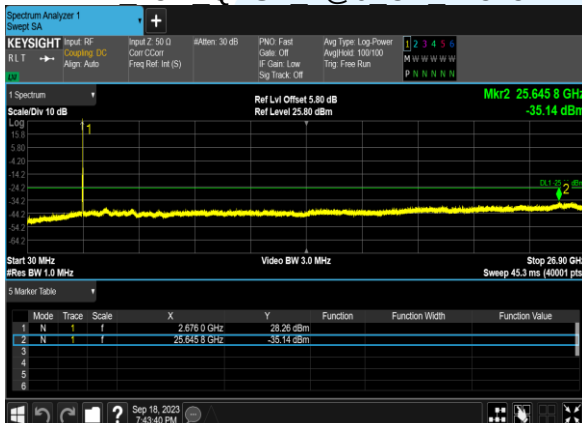
B41 15M QPSK 1@0 CH 40620



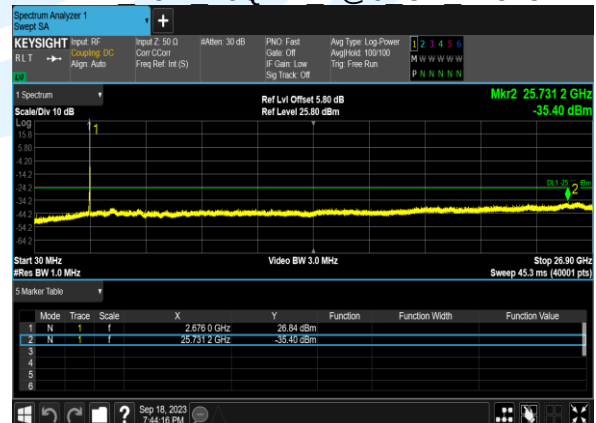
B41 15M 16QAM 1@0 CH 40620



B41 15M QPSK 1@0 CH 41515



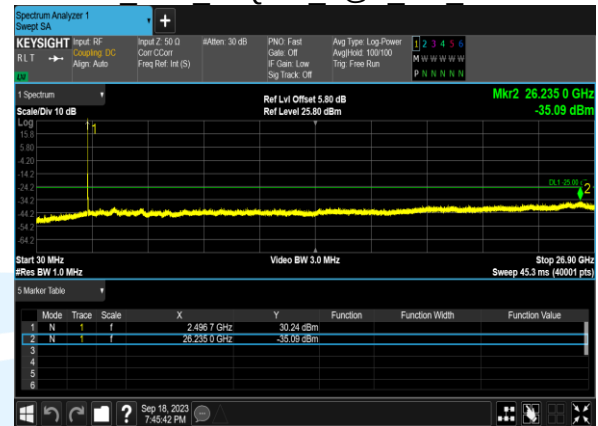
B41 15M 16QAM 1@0 CH 41515



B41 10M QPSK 1@0 CH 39700



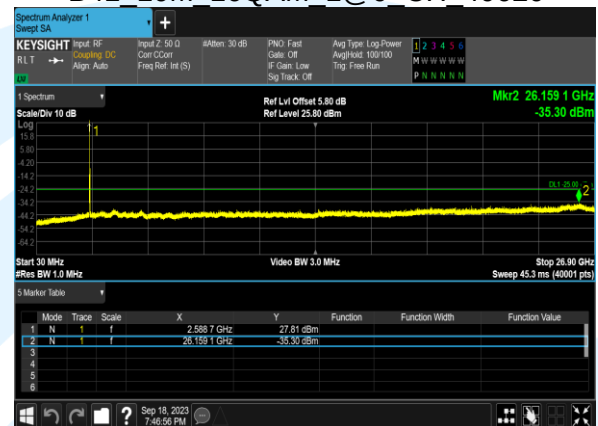
B41 10M 16QAM 1@0 CH 39700



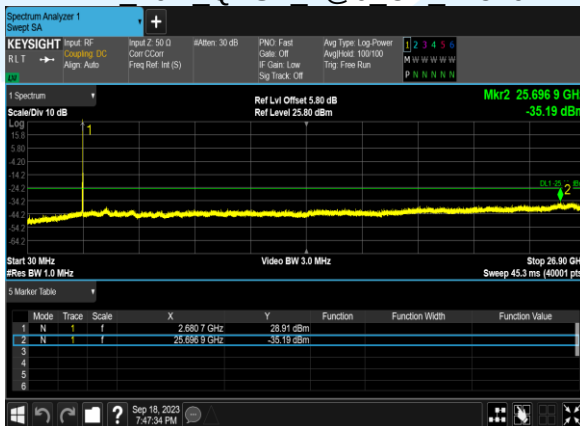
B41 10M QPSK 1@0 CH 40620



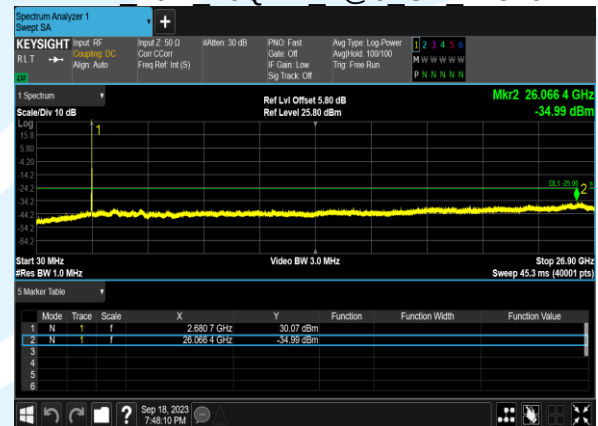
B41 10M 16QAM 1@0 CH 40620



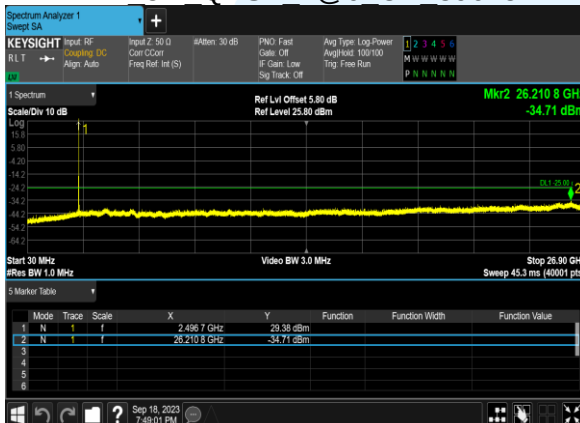
B41 10M QPSK 1@0 CH 41540



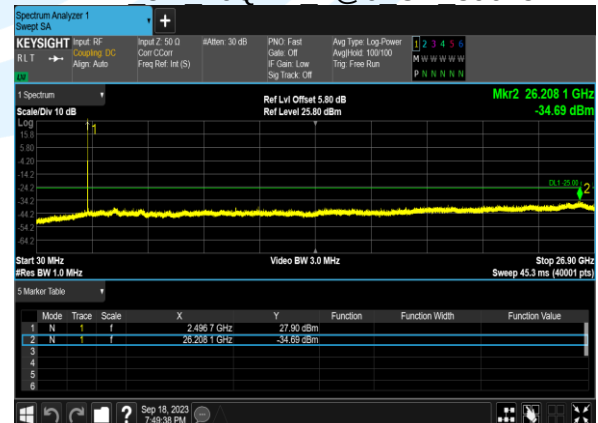
B41 10M 16QAM 1@0 CH 41540



B41 5M QPSK 1@0 CH 39675



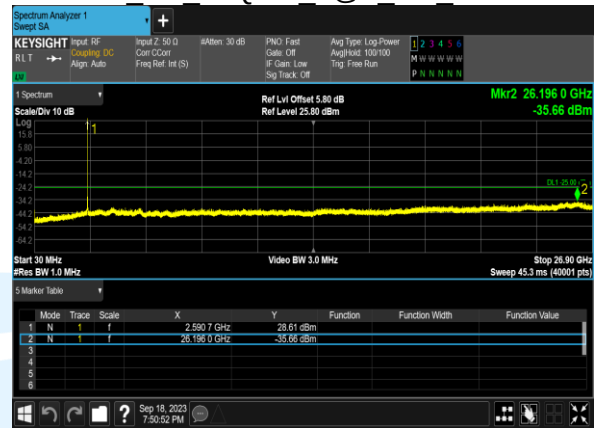
B41 5M 16QAM 1@0 CH 39675



B41_5M_QPSK_1@0_CH_40620



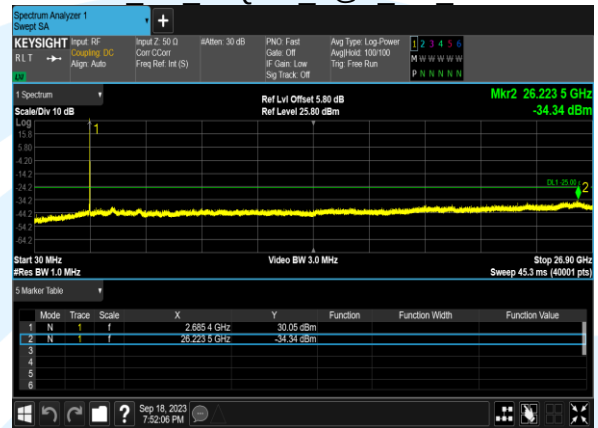
B41_5M_16QAM_1@0_CH_40620



B41_5M_QPSK_1@0_CH_41565



B41_5M_16QAM_1@0_CH_41565



Conducted Band Edge

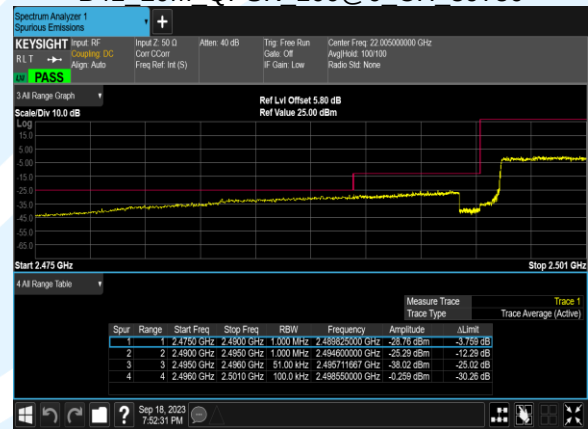
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result	Verdict
41	20.0	39750	2506.0	QPSK	1@0	see graph	PASS
41	20.0	39750	2506.0	QPSK	100@0	see graph	PASS
41	20.0	39750	2506.0	16QAM	1@0	see graph	PASS
41	20.0	39750	2506.0	16QAM	100@0	see graph	PASS
41	20.0	41490	2680.0	QPSK	1@99	see graph	PASS
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

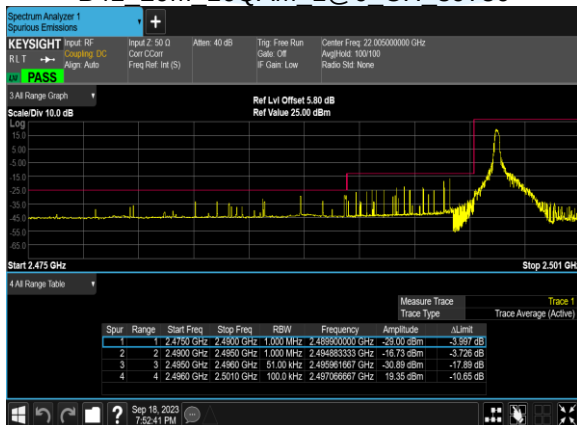
B41_20M_QPSK_1@0_CH_39750



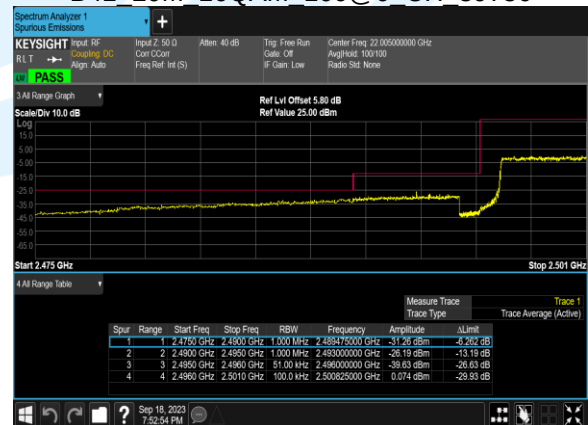
B41_20M_QPSK_100@0_CH_39750



B41_20M_16QAM_1@0_CH_39750



B41_20M_16QAM_100@0_CH_39750



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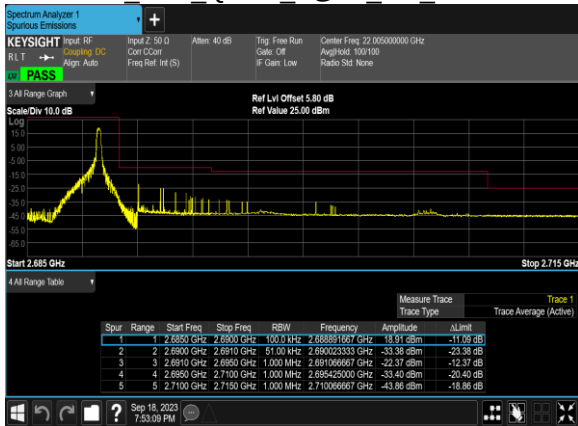
Fax: +86-755-28230886

E-mail: info@uttlab.com

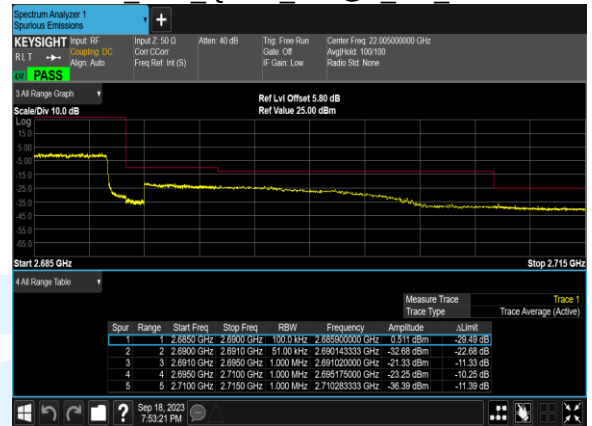
<http://www.uttlab.com>

UTTR-RF-FCC4G-V1.1

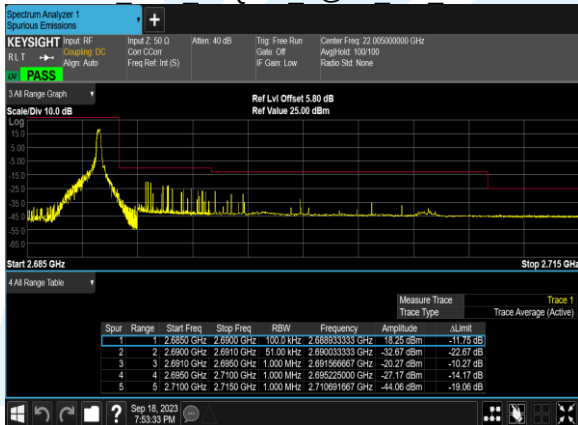
B41 20M QPSK 1@99 CH 41490



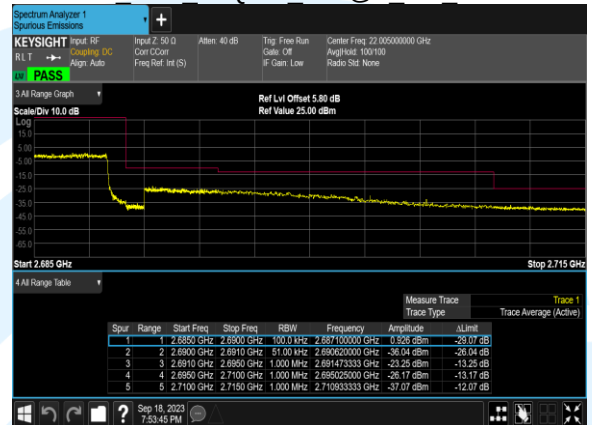
B41 20M QPSK 100@0 CH 41490



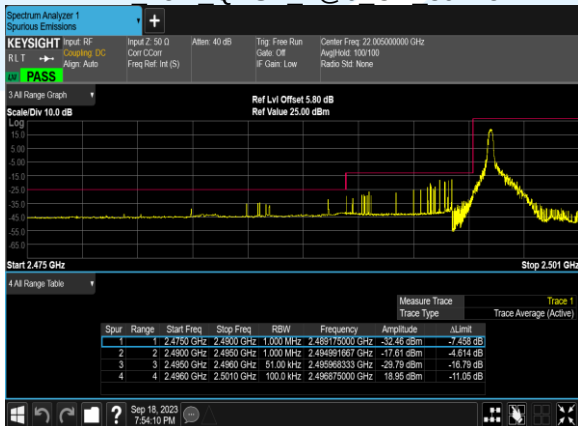
B41 20M 16QAM 1@99 CH 41490



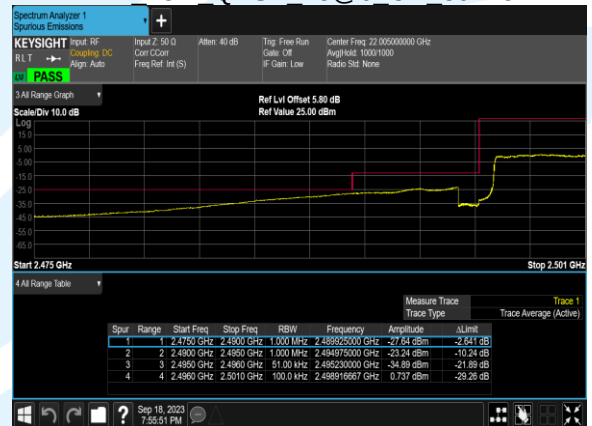
B41 20M 16QAM 100@0 CH 41490



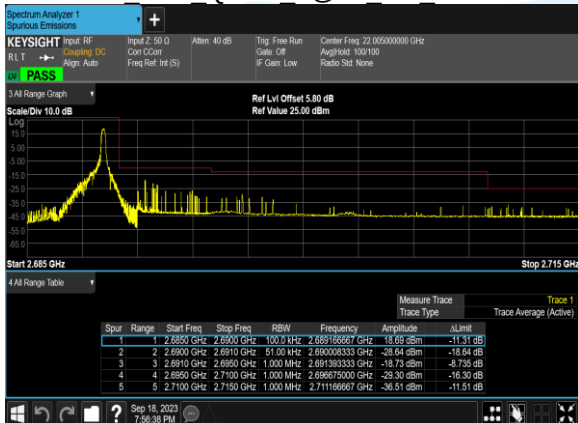
B41 15M QPSK 1@0 CH 39725



B41 15M QPSK 75@0 CH 39725



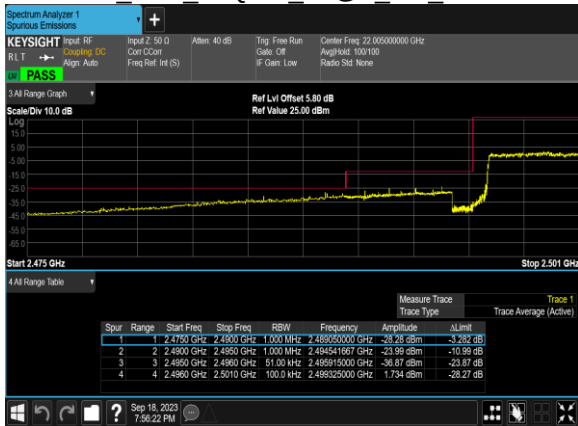
B41 15M QPSK 1@74 CH 41515



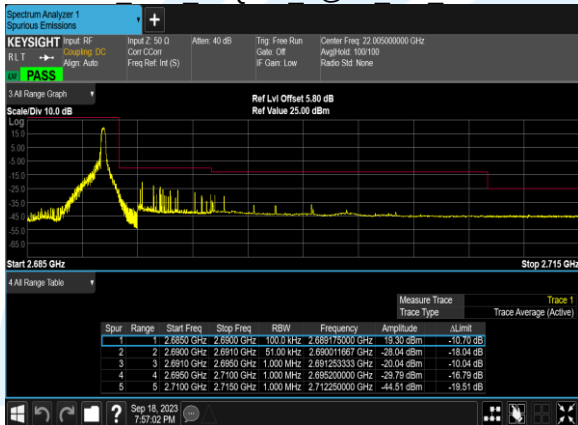
B41 15M 16QAM 1@0 CH 39725



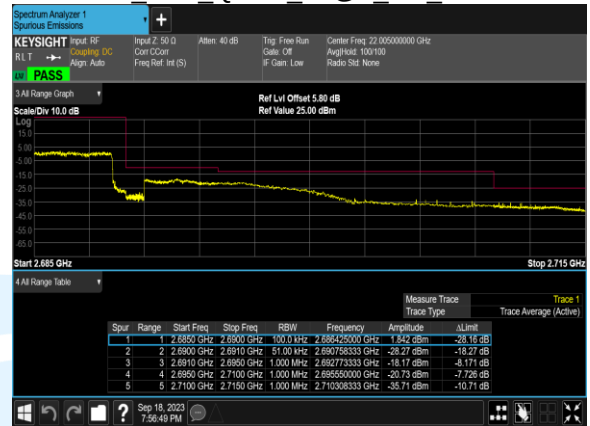
B41 15M 16QAM 75@0 CH 39725



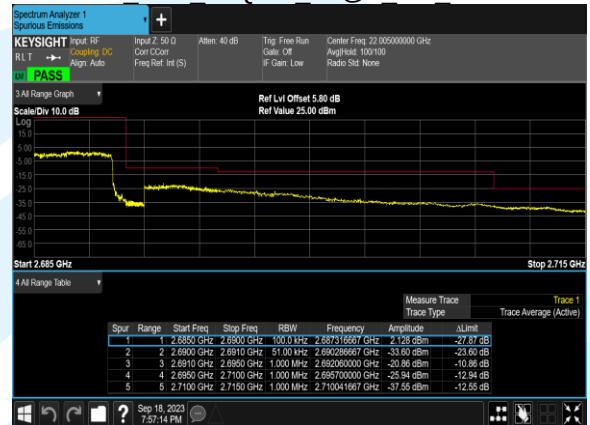
B41 15M 16QAM 1@74 CH 41515



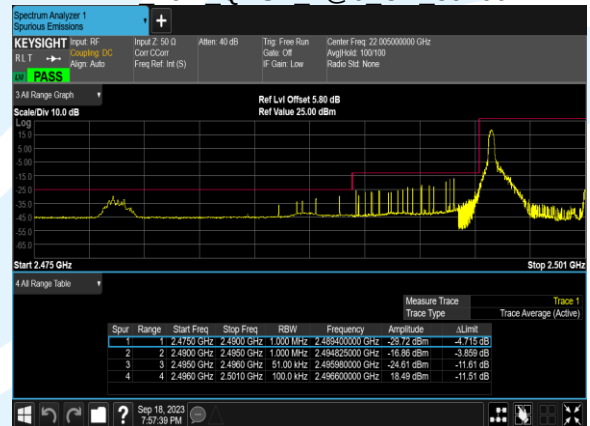
B41 15M QPSK 75@0 CH 41515



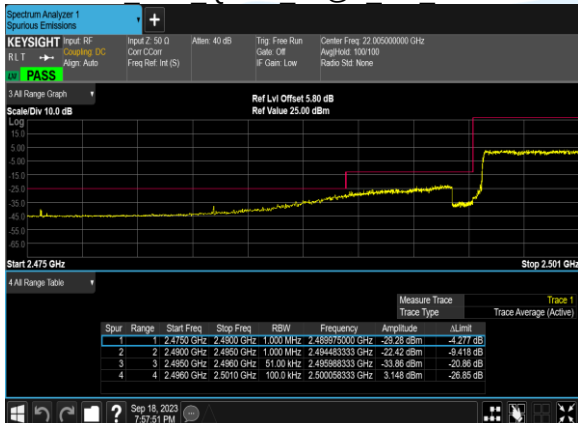
B41 15M 16QAM 75@0 CH 41515



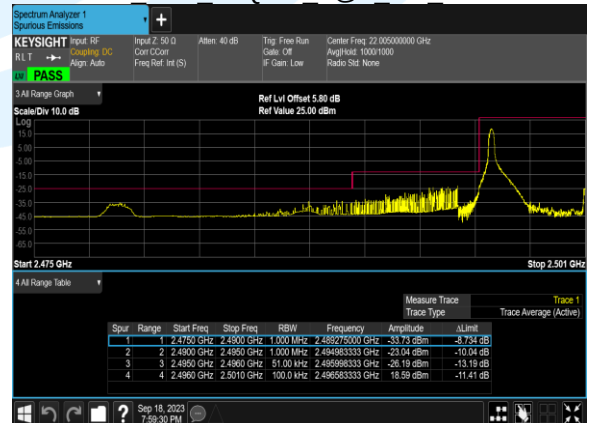
B41 10M QPSK 1@0 CH 39700



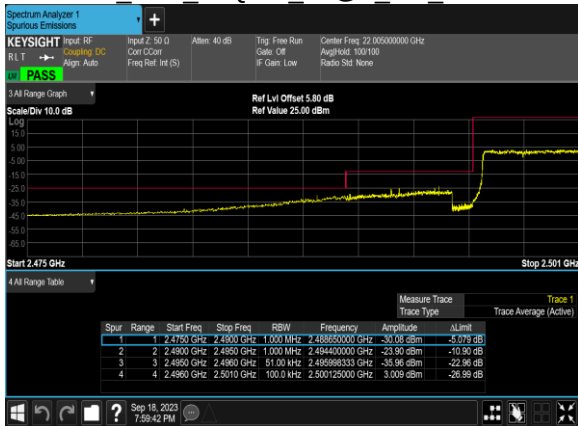
B41 10M QPSK 50@0 CH 39700



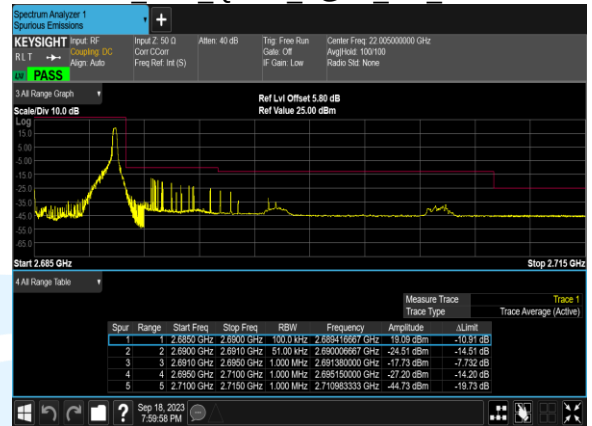
B41 10M 16QAM 1@0 CH 39700



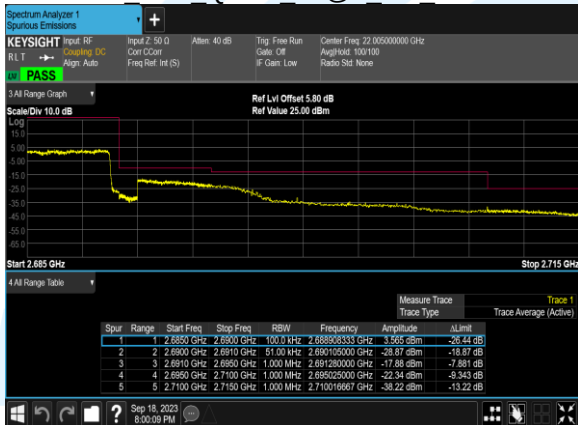
B41 10M 16QAM 50@0 CH 39700



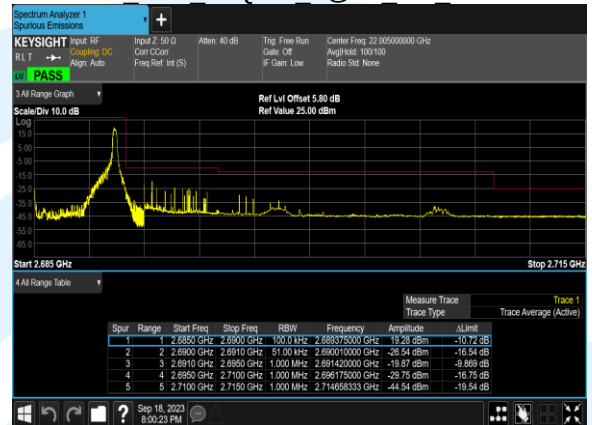
B41 10M QPSK 1@49 CH 41540



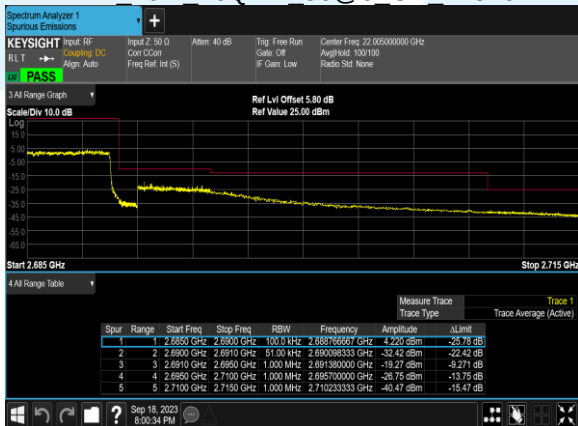
B41 10M QPSK 50@0 CH 41540



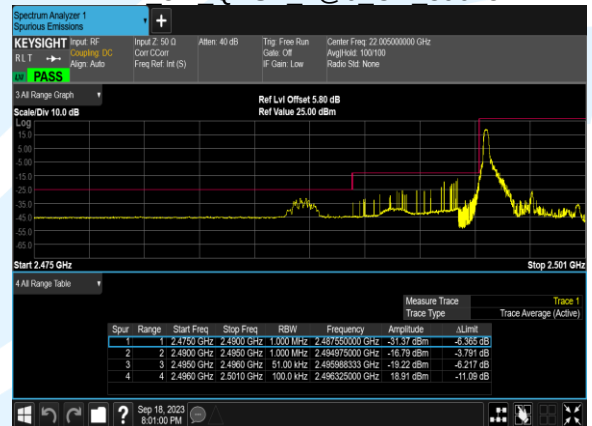
B41 10M 16QAM 1@49 CH 41540



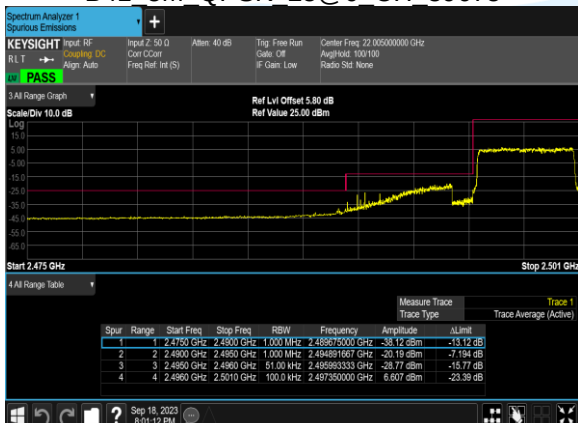
B41 10M 16QAM 50@0 CH 41540



B41 5M QPSK 1@0 CH 39675



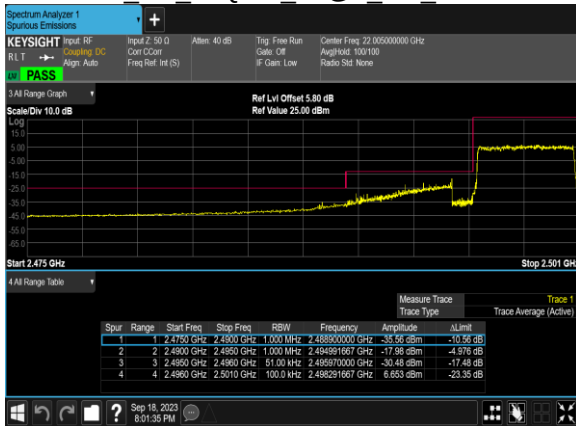
B41 5M QPSK 25@0 CH 39675



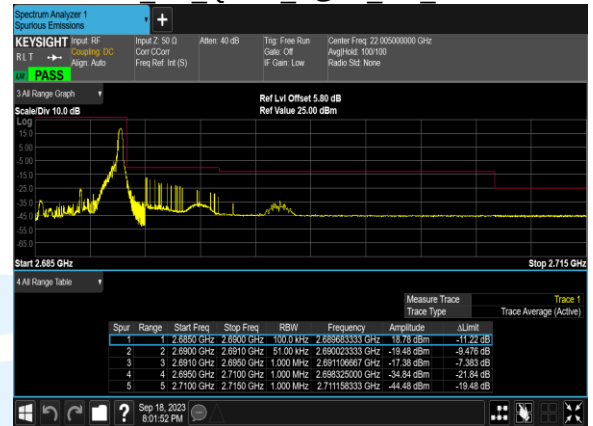
B41 5M 16QAM 1@0 CH 39675



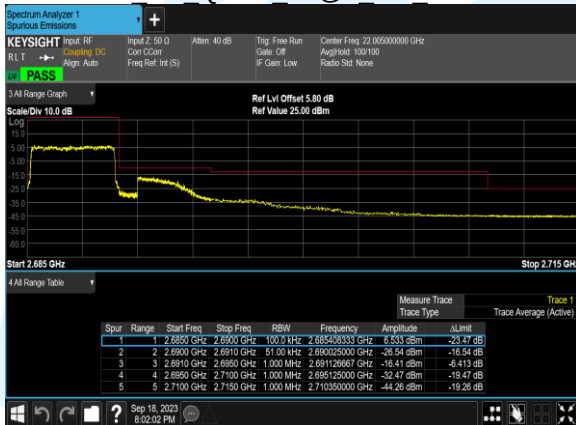
B41 5M 16QAM 25@0 CH 39675



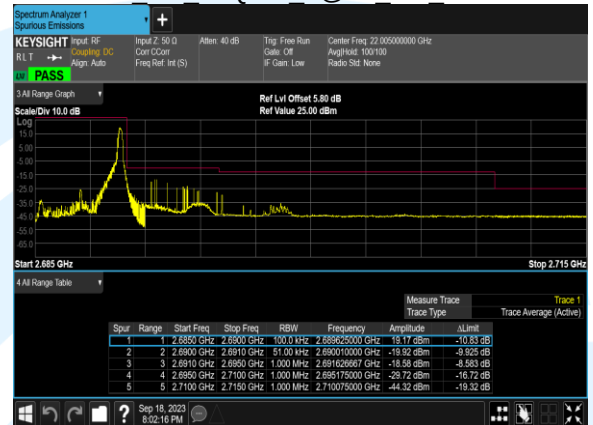
B41 5M QPSK 1@24 CH 41565



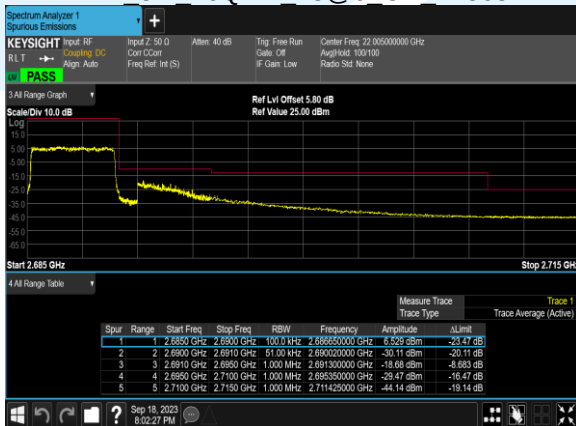
B41 5M QPSK 25@0 CH 41565



B41 5M 16QAM 1@24 CH 41565



B41 5M 16QAM 25@0 CH 41565



A.10 LTE BAND 66

Peak to Average Ratio

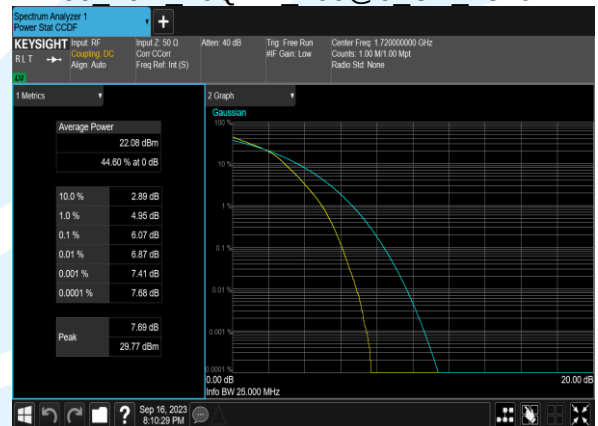
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	20.0	132072	1720.0	QPSK	100@0	5.35	13	PASS
66	20.0	132072	1720.0	16QAM	100@0	6.07	13	PASS
66	20.0	132322	1745.0	QPSK	100@0	5.27	13	PASS
66	20.0	132322	1745.0	16QAM	100@0	5.95	13	PASS
66	20.0	132572	1770.0	QPSK	100@0	5.40	13	PASS
66	20.0	132572	1770.0	16QAM	100@0	6.18	13	PASS
66	15.0	132047	1717.5	QPSK	75@0	5.21	13	PASS
66	15.0	132047	1717.5	16QAM	75@0	6.04	13	PASS
66	15.0	132322	1745.0	QPSK	75@0	5.15	13	PASS
66	15.0	132322	1745.0	16QAM	75@0	5.95	13	PASS
66	15.0	132597	1772.5	QPSK	75@0	5.28	13	PASS
66	15.0	132597	1772.5	16QAM	75@0	6.06	13	PASS
66	10.0	132022	1715.0	QPSK	50@0	5.24	13	PASS
66	10.0	132022	1715.0	16QAM	50@0	5.97	13	PASS
66	10.0	132322	1745.0	QPSK	50@0	5.22	13	PASS
66	10.0	132322	1745.0	16QAM	50@0	5.92	13	PASS
66	10.0	132622	1775.0	QPSK	50@0	5.40	13	PASS
66	10.0	132622	1775.0	16QAM	50@0	6.18	13	PASS
66	5.0	131997	1712.5	QPSK	25@0	5.17	13	PASS
66	5.0	131997	1712.5	16QAM	25@0	5.86	13	PASS
66	5.0	132322	1745.0	QPSK	25@0	5.09	13	PASS
66	5.0	132322	1745.0	16QAM	25@0	5.81	13	PASS
66	5.0	132647	1777.5	QPSK	25@0	5.42	13	PASS
66	5.0	132647	1777.5	16QAM	25@0	6.14	13	PASS
66	3.0	131987	1711.5	QPSK	15@0	5.09	13	PASS
66	3.0	131987	1711.5	16QAM	15@0	5.88	13	PASS
66	3.0	132322	1745.0	QPSK	15@0	5.04	13	PASS
66	3.0	132322	1745.0	16QAM	15@0	5.82	13	PASS
66	3.0	132657	1778.5	QPSK	15@0	5.26	13	PASS
66	3.0	132657	1778.5	16QAM	15@0	6.08	13	PASS
66	1.4	131979	1710.7	QPSK	6@0	4.87	13	PASS
66	1.4	131979	1710.7	16QAM	6@0	5.72	13	PASS
66	1.4	132322	1745.0	QPSK	6@0	4.83	13	PASS
66	1.4	132322	1745.0	16QAM	6@0	5.63	13	PASS
66	1.4	132665	1779.3	QPSK	6@0	5.17	13	PASS
66	1.4	132665	1779.3	16QAM	6@0	5.99	13	PASS

Test Graphs

B66 20M QPSK 100@0 CH 132072



B66 20M 16QAM 100@0 CH 132072



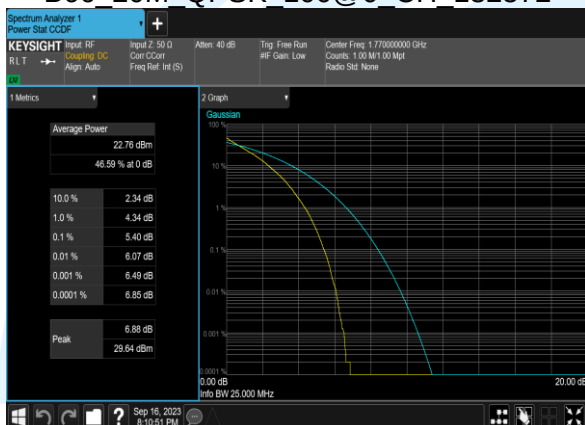
B66_20M_QPSK_100@0_CH_132322



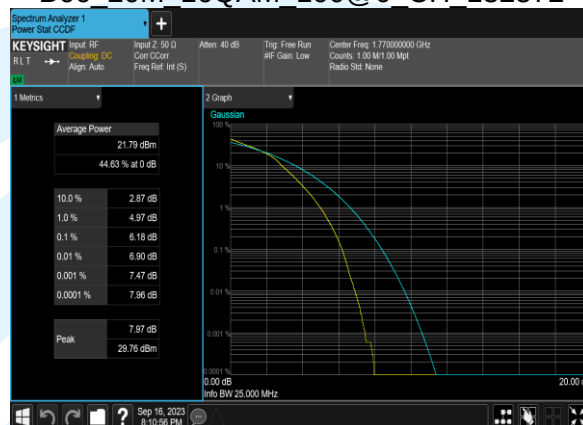
B66_20M_16QAM_100@0_CH_132322



B66_20M_QPSK_100@0_CH_132572



B66_20M_16QAM_100@0_CH_132572



B66_15M_QPSK_75@0_CH_132047



B66_15M_16QAM_75@0_CH_132047



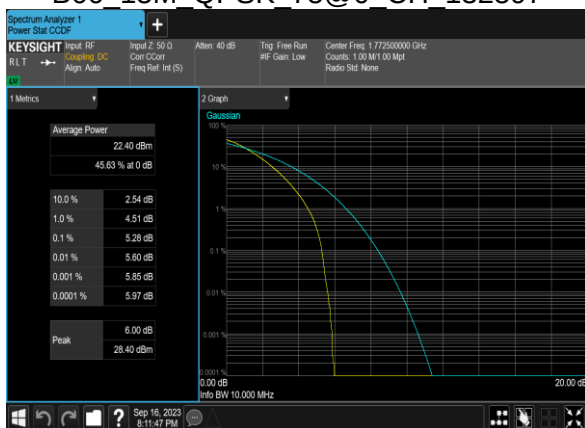
B66_15M_QPSK_75@0_CH_132322



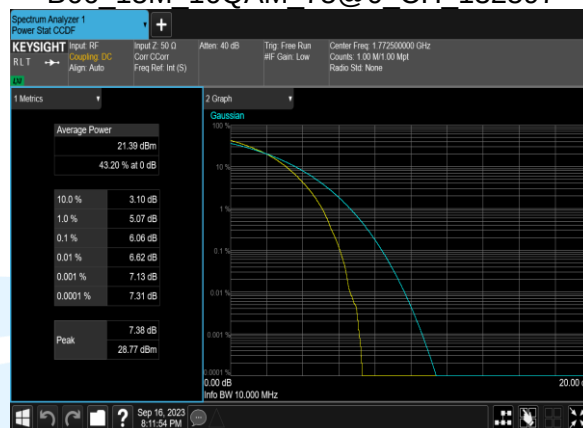
B66_15M_16QAM_75@0_CH_132322



B66 15M QPSK 75@0 CH 132597



B66 15M 16QAM 75@0 CH 132597



B66 10M QPSK 50@0 CH 132022



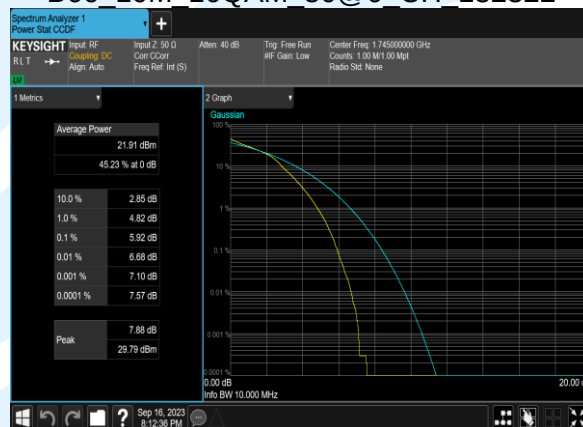
B66 10M 16QAM 50@0 CH 132022



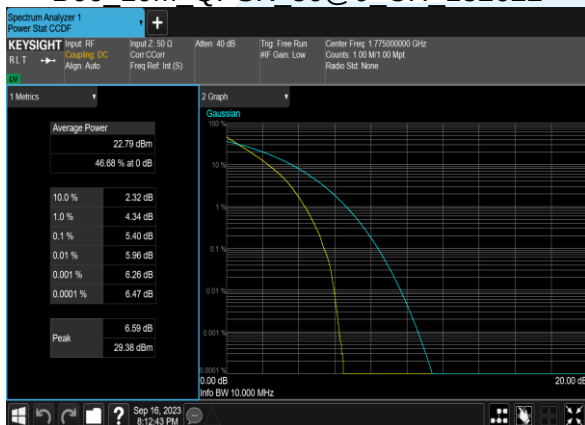
B66 10M QPSK 50@0 CH 132322



B66 10M 16QAM 50@0 CH 132322



B66 10M QPSK 50@0 CH 132622



B66 10M 16QAM 50@0 CH 132622



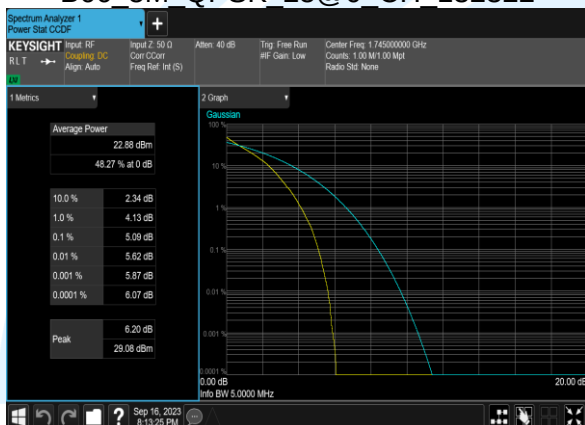
B66 5M QPSK 25@0 CH 131997



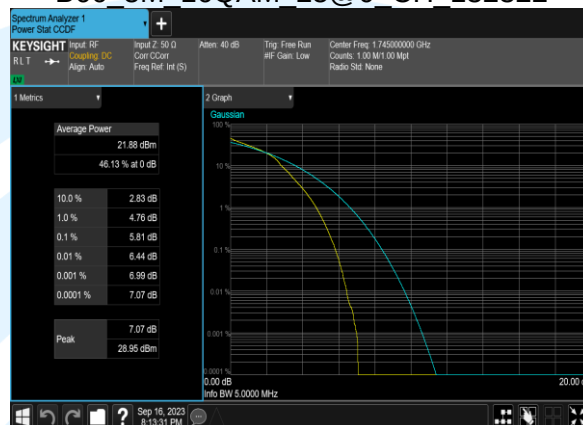
B66 5M 16QAM 25@0 CH 131997



B66 5M QPSK 25@0 CH 132322



B66 5M 16QAM 25@0 CH 132322



B66 5M QPSK 25@0 CH 132647



B66 5M 16QAM 25@0 CH 132647



B66 3M QPSK 15@0 CH 131987



B66 3M 16QAM 15@0 CH 131987

