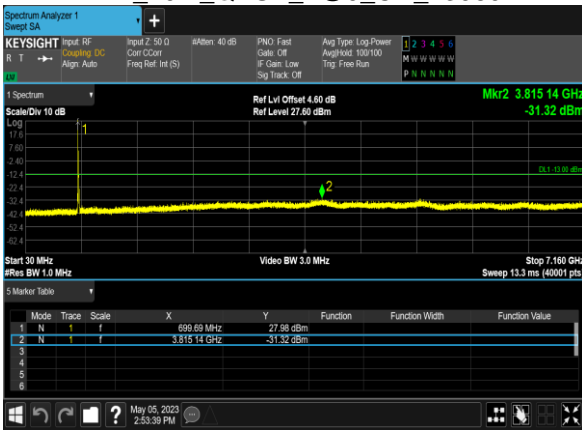
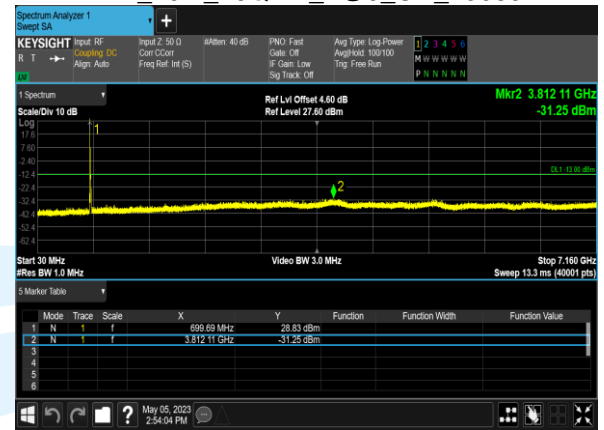


Test Graphs

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B12_10M_16QAM_1@0_CH_23060



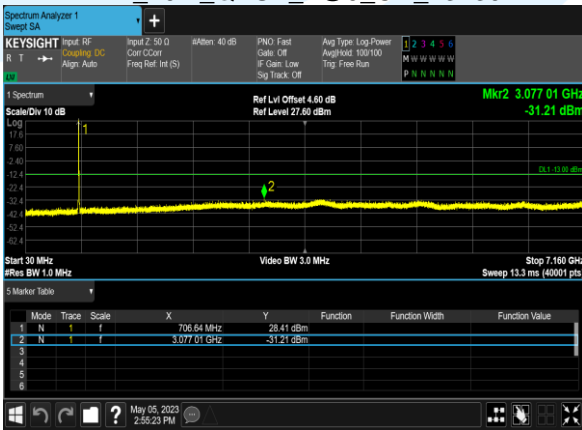
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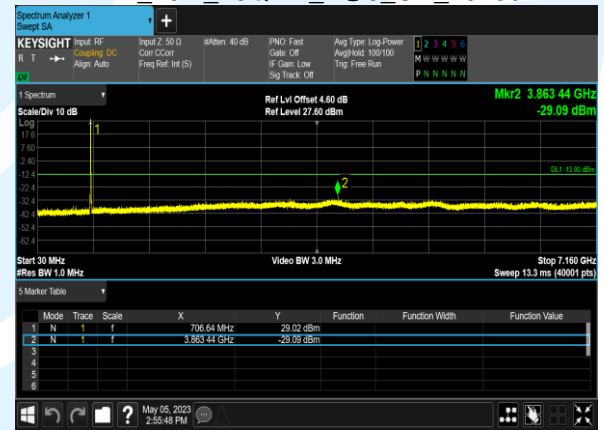
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B12_10M_QPSK_1@0_CH_23130



B12_10M_16QAM_1@0_CH_23130



B12_5M_QPSK_1@0_CH_23035



B12_5M_16QAM_1@0_CH_23035



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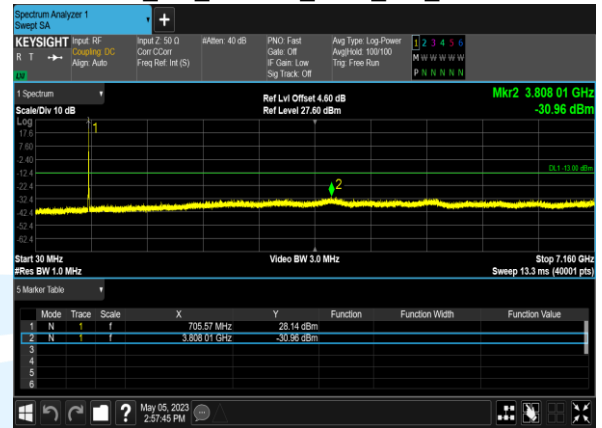
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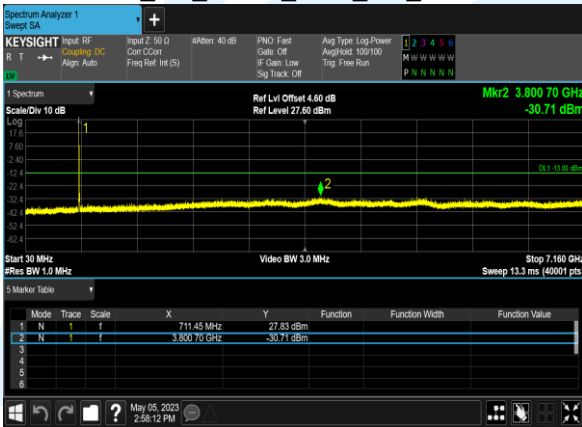
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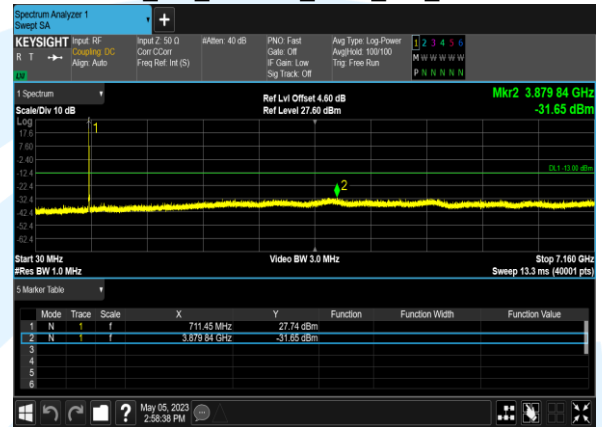
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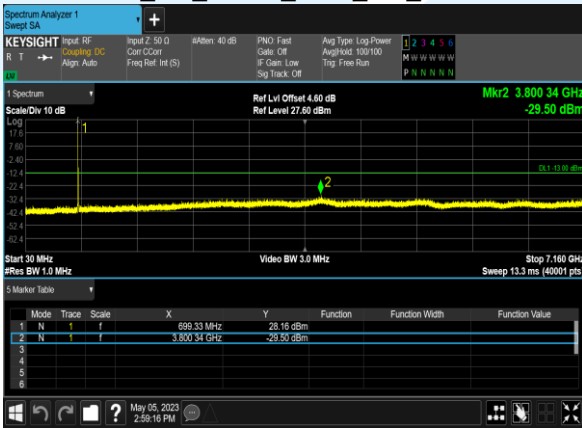
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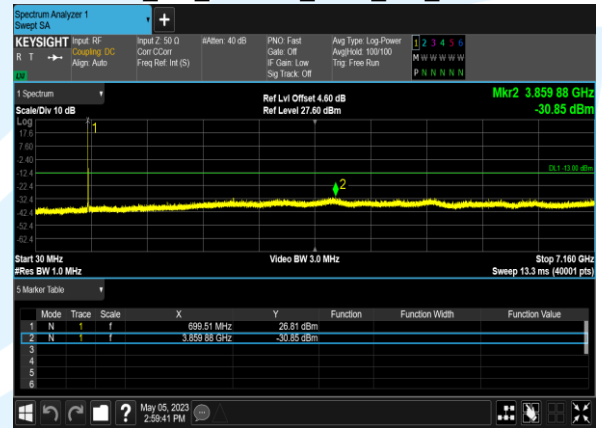
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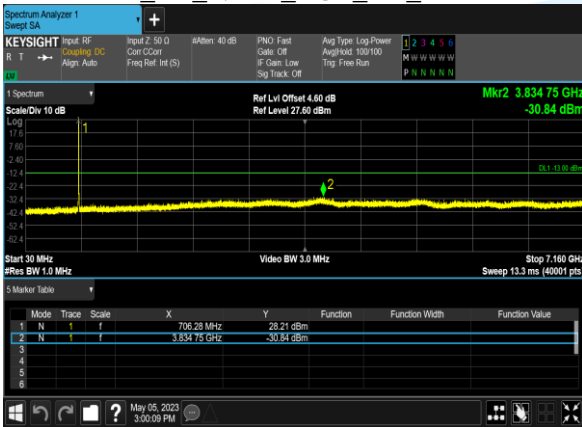
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B12_3M_16QAM_1@0_CH_23025



B12_3M_QPSK_1@0_CH_23095



B12_3M_16QAM_1@0_CH_23095



B12_3M_QPSK_1@0_CH_23165



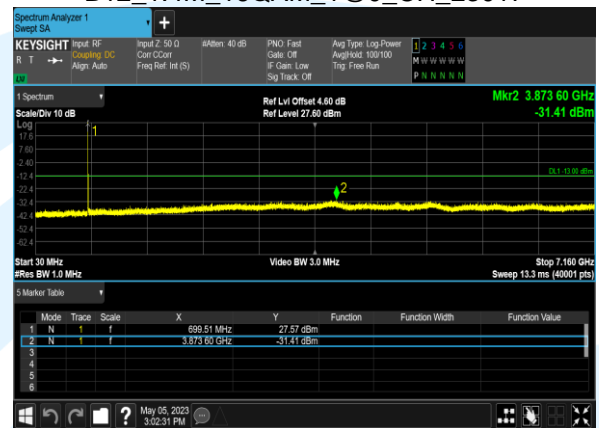
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B12_1.4M_QPSK_1@0_CH_23017



B12_1.4M_16QAM_1@0_CH_23017



B12_1.4M_QPSK_1@0_CH_23095



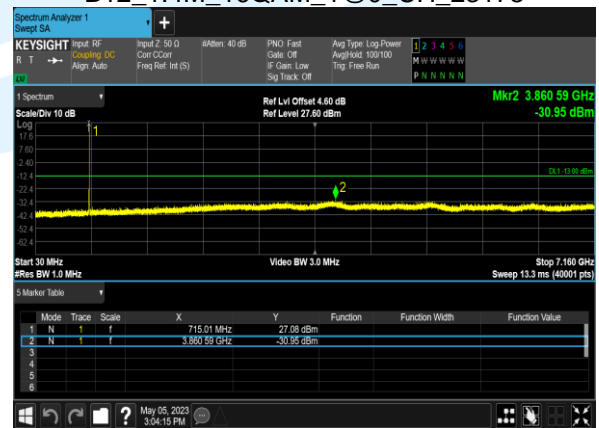
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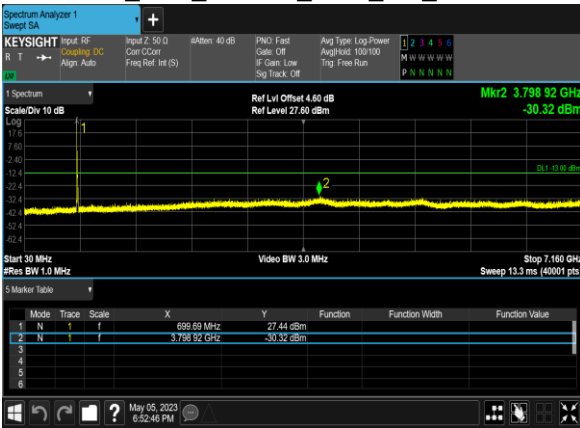
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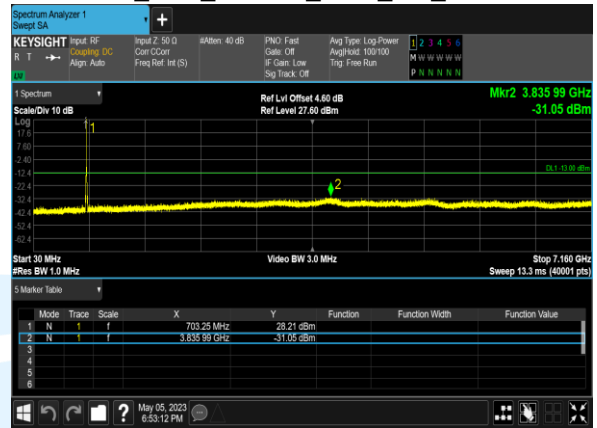
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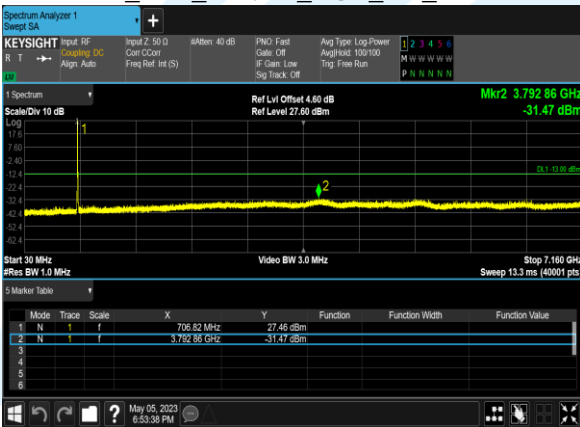
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B12_10M_64QAM_1@0_CH_23095



B12_10M_64QAM_1@0_CH_23130



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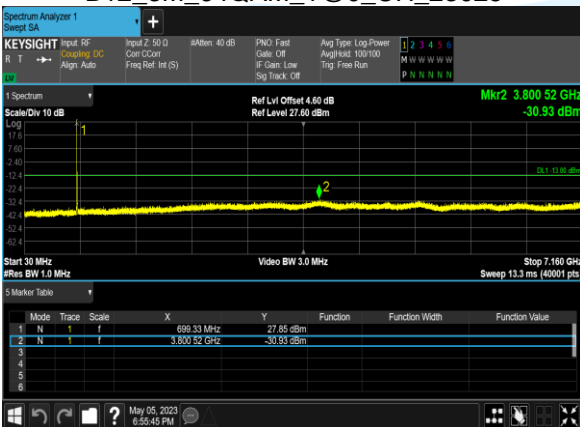
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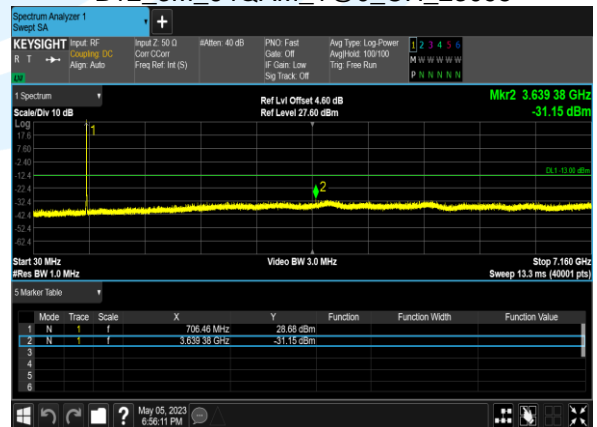
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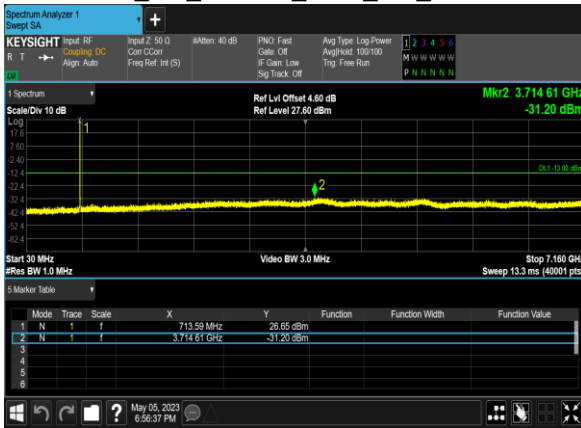
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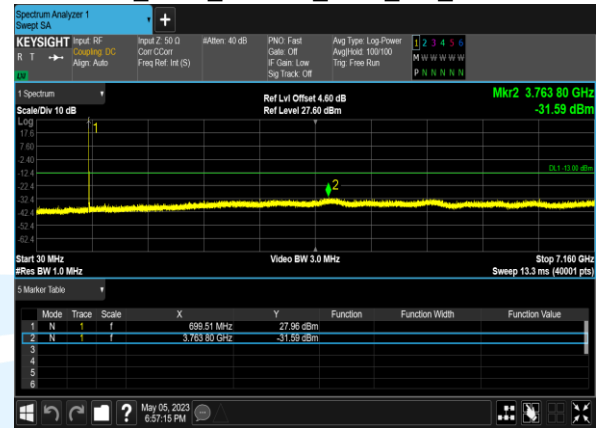
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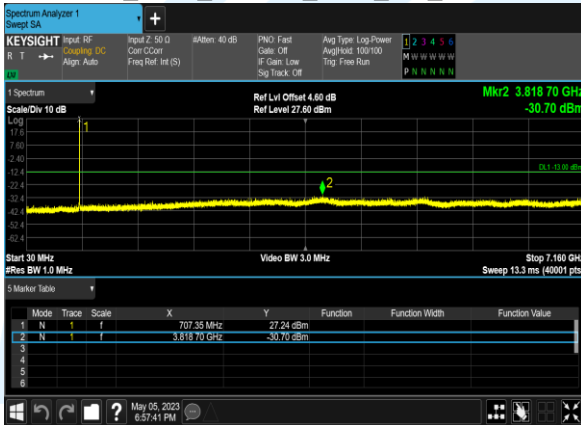
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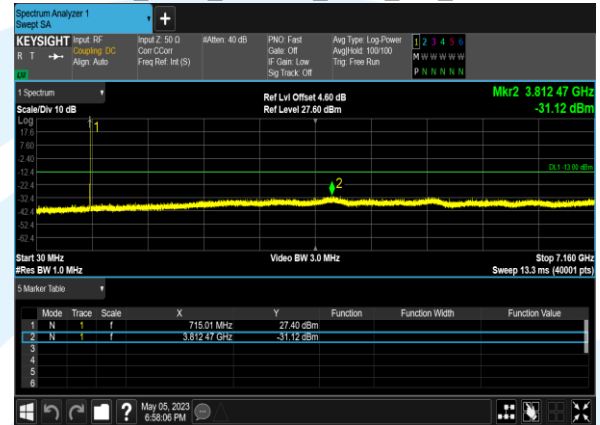
B12_1.4M_64QAM_1@0_CH_23017



B12_1.4M_64QAM_1@0_CH_23095



B12_1.4M_64QAM_1@0_CH_23173



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Conducted Band Edge

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result	Verdict
12	10.0	23060	704.0	QPSK	1@0	see graph	PASS
12	10.0	23060	704.0	QPSK	50@0	see graph	PASS
12	10.0	23060	704.0	16QAM	1@0	see graph	PASS
12	10.0	23060	704.0	16QAM	50@0	see graph	PASS
12	10.0	23130	711.0	QPSK	1@49	see graph	PASS
12	10.0	23130	711.0	QPSK	50@0	see graph	PASS
12	10.0	23130	711.0	16QAM	1@49	see graph	PASS
12	10.0	23130	711.0	16QAM	50@0	see graph	PASS
12	5.0	23035	701.5	QPSK	1@0	see graph	PASS
12	5.0	23035	701.5	QPSK	25@0	see graph	PASS
12	5.0	23035	701.5	16QAM	1@0	see graph	PASS
12	5.0	23035	701.5	16QAM	25@0	see graph	PASS
12	5.0	23155	713.5	QPSK	1@24	see graph	PASS
12	5.0	23155	713.5	QPSK	25@0	see graph	PASS
12	5.0	23155	713.5	16QAM	1@24	see graph	PASS
12	5.0	23155	713.5	16QAM	25@0	see graph	PASS
12	3.0	23025	700.5	QPSK	1@0	see graph	PASS
12	3.0	23025	700.5	QPSK	15@0	see graph	PASS
12	3.0	23025	700.5	16QAM	1@0	see graph	PASS
12	3.0	23025	700.5	16QAM	15@0	see graph	PASS
12	3.0	23165	714.5	QPSK	1@14	see graph	PASS
12	3.0	23165	714.5	QPSK	15@0	see graph	PASS
12	3.0	23165	714.5	16QAM	1@14	see graph	PASS
12	3.0	23165	714.5	16QAM	15@0	see graph	PASS
12	1.4	23017	699.7	QPSK	1@0	see graph	PASS
12	1.4	23017	699.7	QPSK	6@0	see graph	PASS
12	1.4	23017	699.7	16QAM	1@0	see graph	PASS
12	1.4	23017	699.7	16QAM	6@0	see graph	PASS
12	1.4	23173	715.3	QPSK	1@5	see graph	PASS
12	1.4	23173	715.3	QPSK	6@0	see graph	PASS
12	1.4	23173	715.3	16QAM	1@5	see graph	PASS
12	1.4	23173	715.3	16QAM	6@0	see graph	PASS

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result	Verdict
12	10.0	23060	704.0	64QAM	1@0	see graph	PASS
12	10.0	23060	704.0	64QAM	50@0	see graph	PASS
12	10.0	23130	711.0	64QAM	1@49	see graph	PASS
12	10.0	23130	711.0	64QAM	50@0	see graph	PASS
12	5.0	23035	701.5	64QAM	1@0	see graph	PASS
12	5.0	23035	701.5	64QAM	25@0	see graph	PASS
12	5.0	23155	713.5	64QAM	1@24	see graph	PASS
12	5.0	23155	713.5	64QAM	25@0	see graph	PASS
12	3.0	23025	700.5	64QAM	1@0	see graph	PASS
12	3.0	23025	700.5	64QAM	15@0	see graph	PASS
12	3.0	23165	714.5	64QAM	1@14	see graph	PASS
12	3.0	23165	714.5	64QAM	15@0	see graph	PASS
12	1.4	23017	699.7	64QAM	1@0	see graph	PASS
12	1.4	23017	699.7	64QAM	6@0	see graph	PASS
12	1.4	23173	715.3	64QAM	1@5	see graph	PASS
12	1.4	23173	715.3	64QAM	6@0	see graph	PASS

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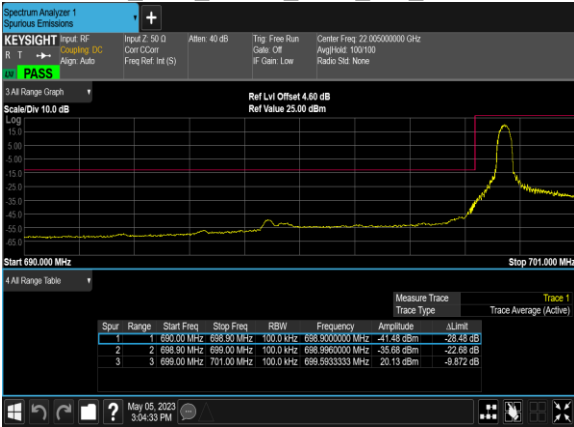
E-mail: info@uttlab.com

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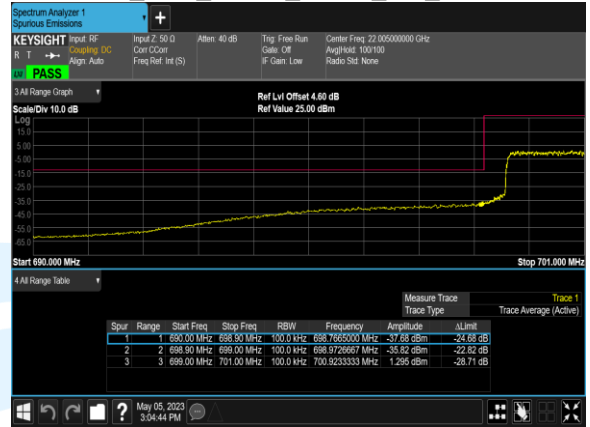
UTTR-RF-FCC4G-V1.1

Test Graphs

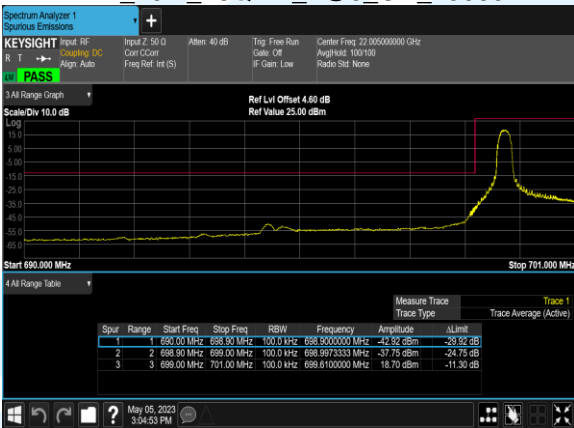
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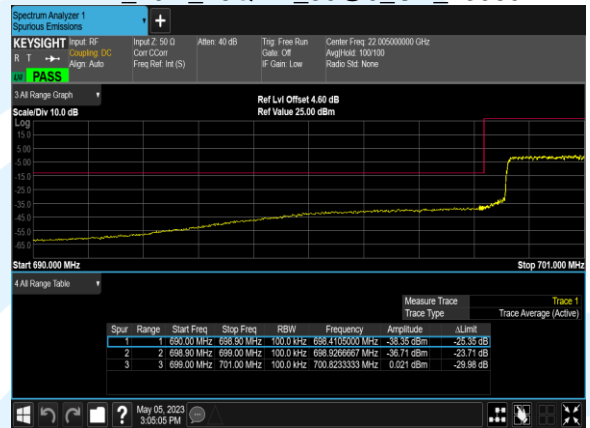
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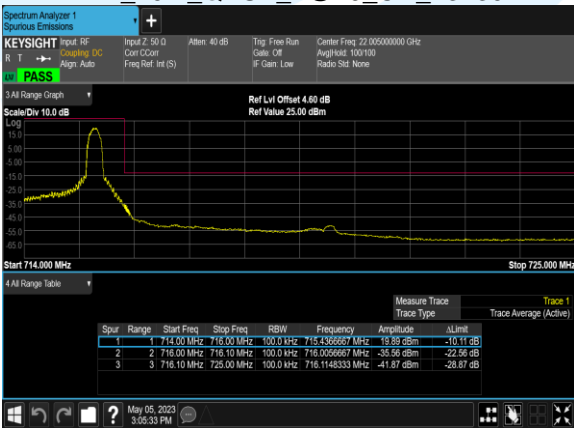
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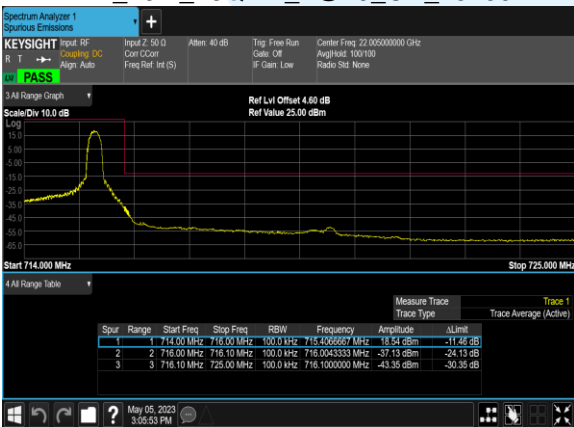
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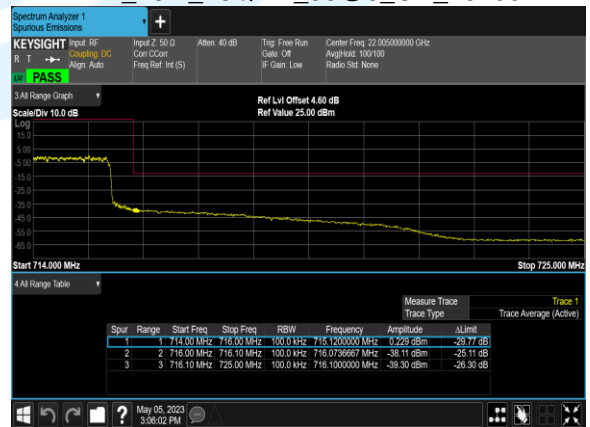
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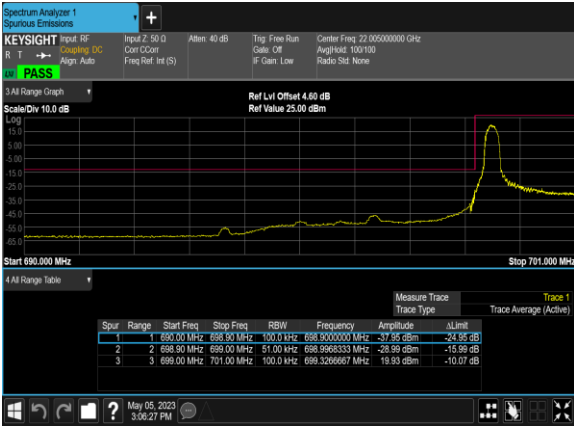
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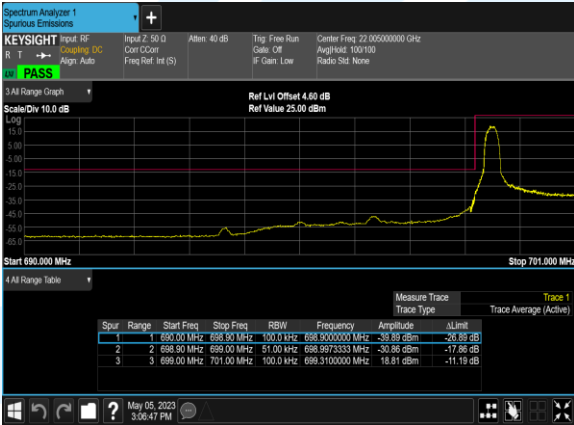
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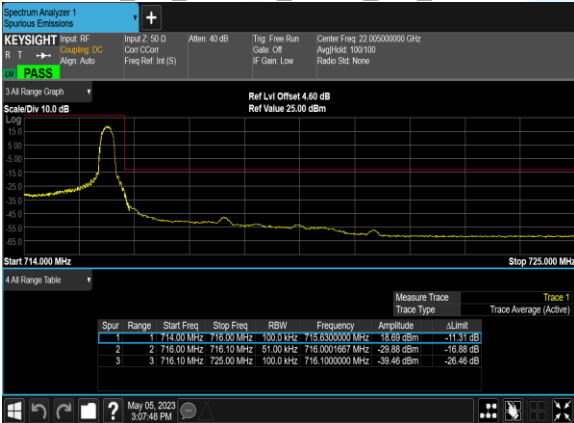
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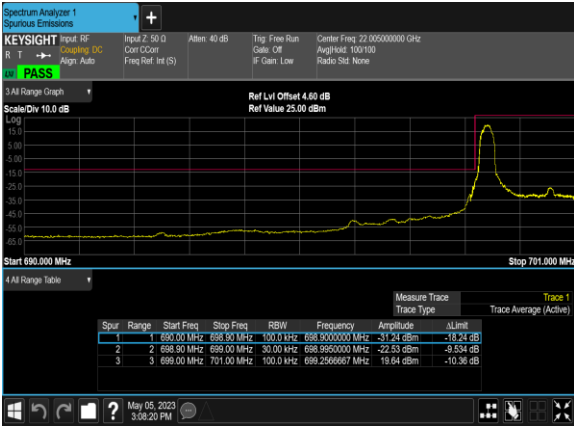
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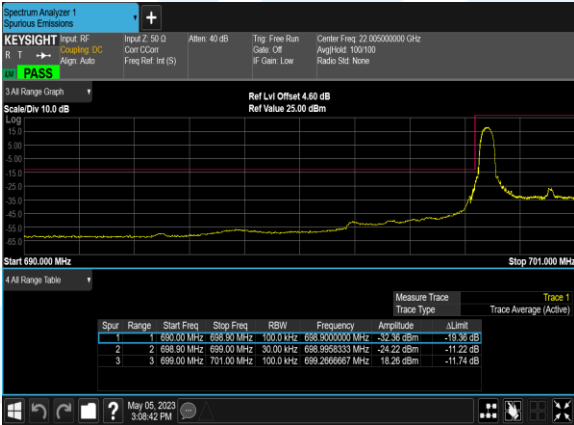
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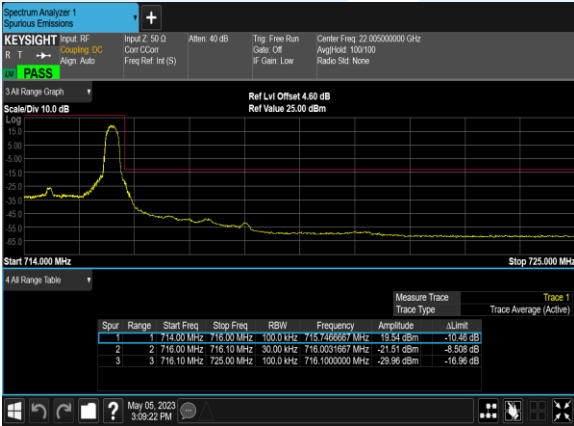
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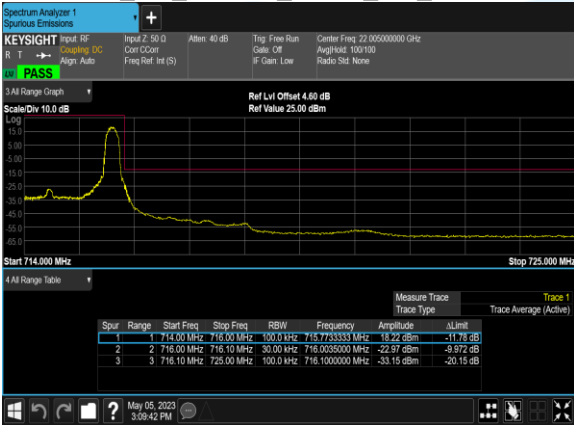
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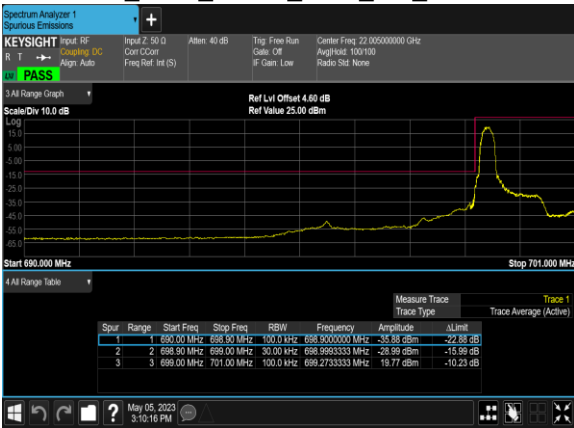
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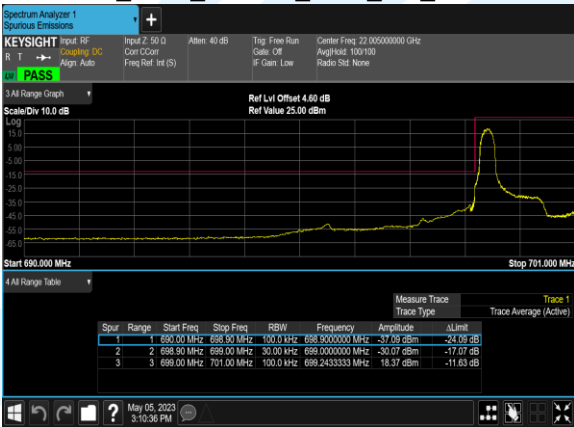
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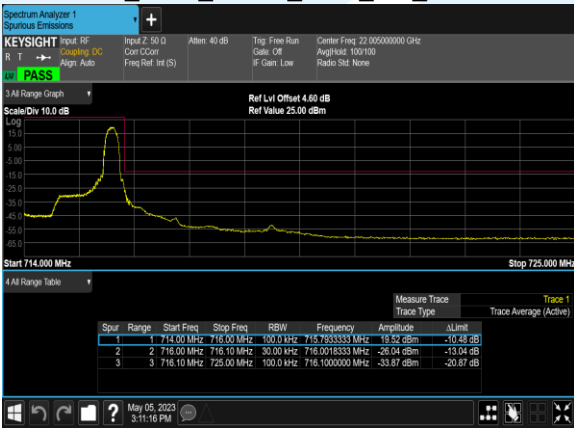
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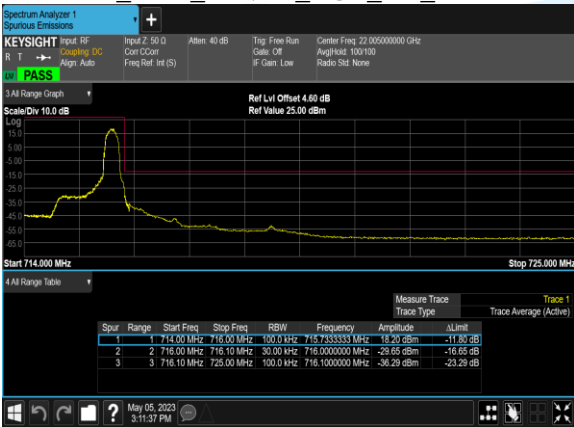
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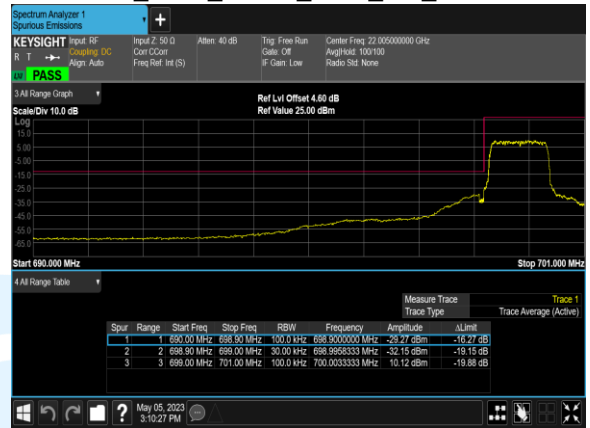
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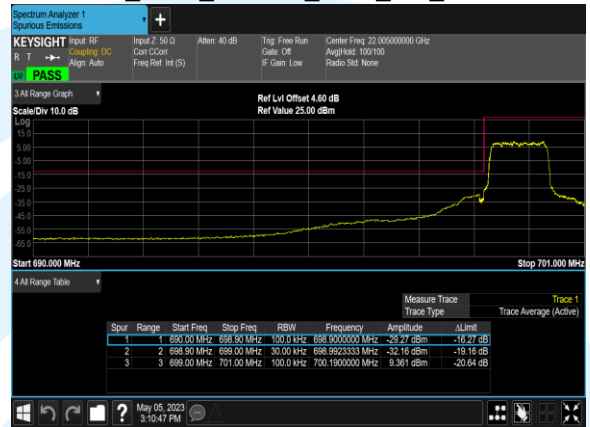
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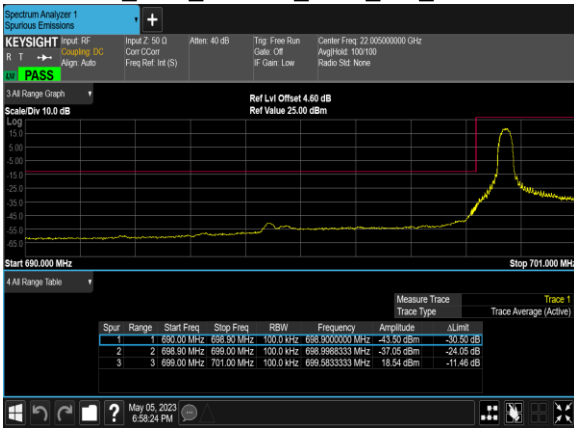
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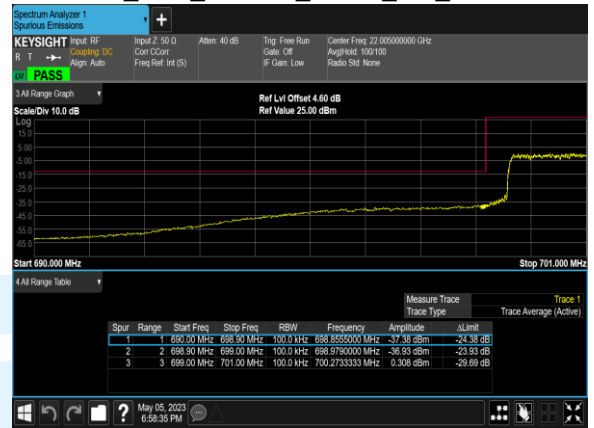
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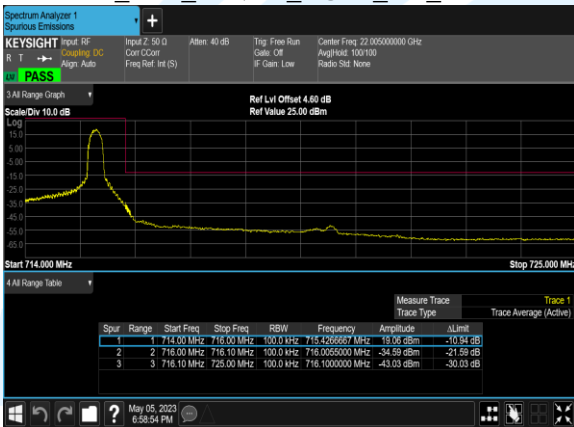
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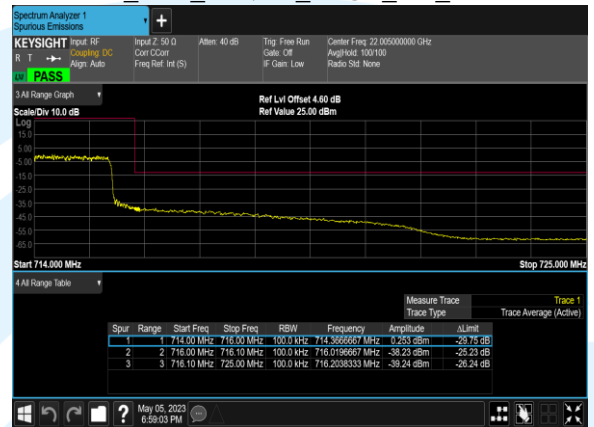
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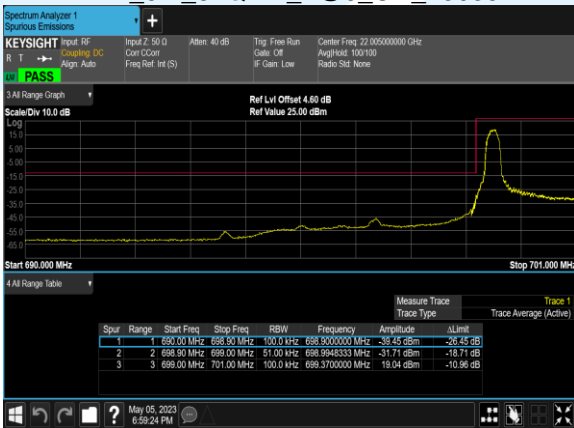
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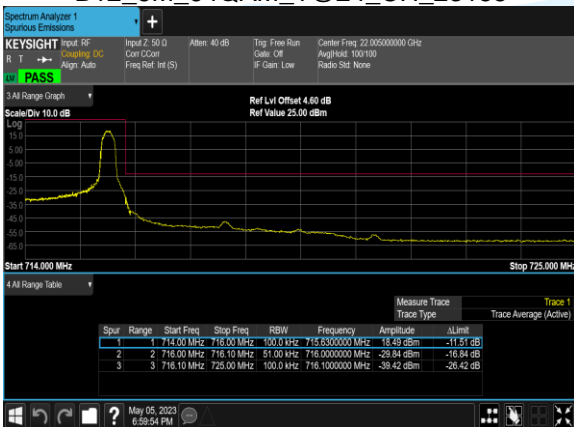
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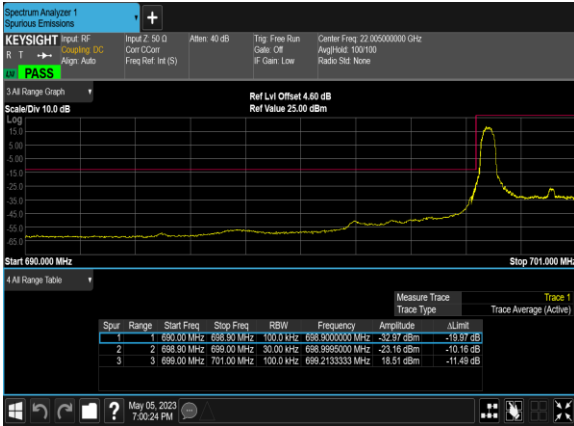
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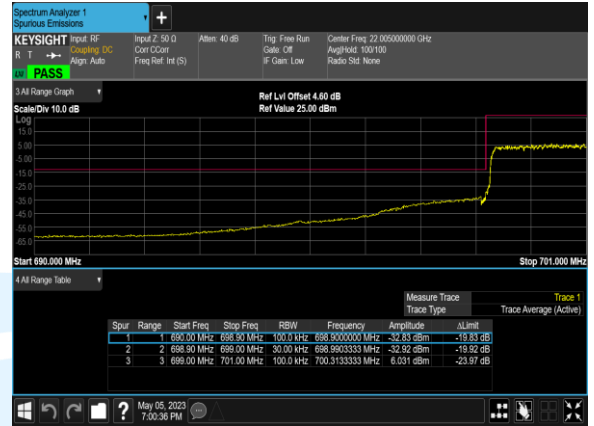
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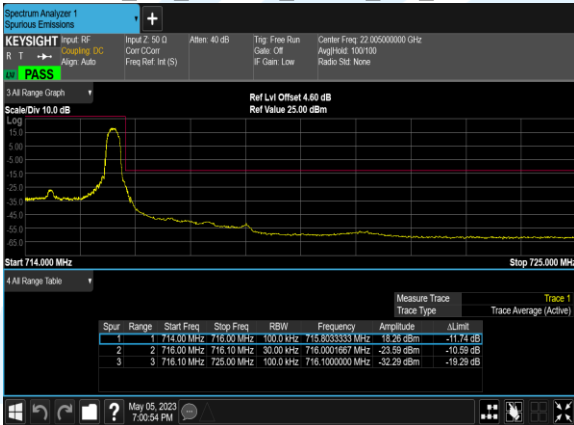
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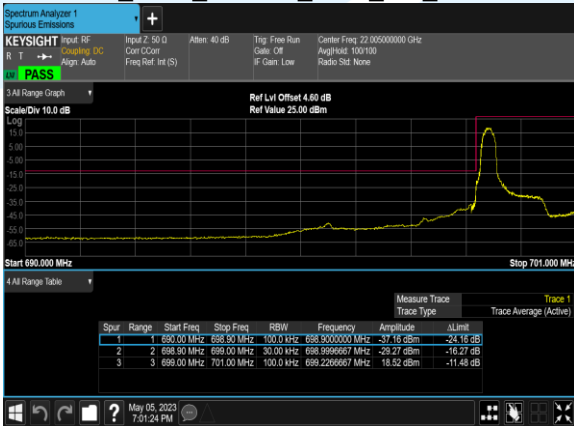
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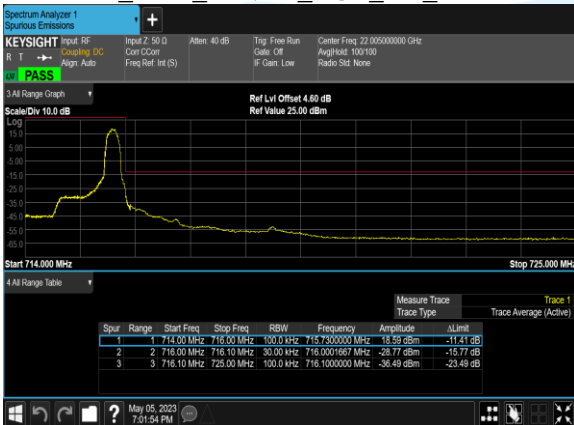
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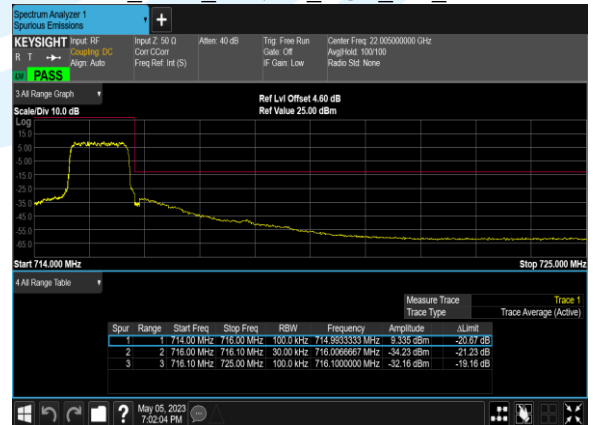
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B12_1.4M_64QAM_1@5_CH_23173



B12_1.4M_64QAM_6@0_CH_23173



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A.6 LTE BAND 13

Peak to Average Ratio

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
13	10.0	23230	782.0	QPSK	50@0	5.46	13	PASS
13	10.0	23230	782.0	16QAM	50@0	6.27	13	PASS
13	5.0	23205	779.5	QPSK	25@0	5.39	13	PASS
13	5.0	23205	779.5	16QAM	25@0	6.12	13	PASS
13	5.0	23230	782.0	QPSK	25@0	5.52	13	PASS
13	5.0	23230	782.0	16QAM	25@0	6.25	13	PASS
13	5.0	23255	784.5	QPSK	25@0	5.71	13	PASS
13	5.0	23255	784.5	16QAM	25@0	6.48	13	PASS

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
13	10.0	23230	782.0	64QAM	50@0	6.27	13	PASS
13	5.0	23205	779.5	64QAM	25@0	6.08	13	PASS
13	5.0	23230	782.0	64QAM	25@0	6.24	13	PASS
13	5.0	23255	784.5	64QAM	25@0	6.43	13	PASS