

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.46	25.46	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.67	25.67	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.91	24.91	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.45	24.45	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.75	25.75	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.49	25.49	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.68	24.68	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.21	24.21	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.19	25.19	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.8	25.8	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.13	25.13	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.61	24.61	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.36	24.36	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.53	24.53	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.86	23.86	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.45	23.45	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.57	24.57	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.35	24.35	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.5	23.5	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.07	23.07	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.98	23.98	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.64	24.64	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.96	23.96	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.49	23.49	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.11	25.11	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.98	25.98	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.78	24.78	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.67	24.67	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.45	25.45	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.85	25.85	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.89	24.89	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.42	24.42	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.62	24.62	30	PASS

Band4	3MHz	QPSK	20385	1RB#8	24.12	26.12	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.92	25.92	30	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.67	24.67	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.16	24.16	30	PASS
Band4	3MHz	16QAM	19965	1RB#8	23.09	25.09	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.9	23.9	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.68	23.68	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.35	24.35	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.67	24.67	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.69	23.69	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.31	23.31	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.56	23.56	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	23.16	25.16	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.62	24.62	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.67	23.67	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.12	25.12	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.6	25.6	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.75	24.75	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.74	24.74	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.57	25.57	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.29	25.29	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.75	25.75	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.39	24.39	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.9	24.9	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.64	25.64	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	24.14	26.14	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.64	24.64	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.02	24.02	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.51	24.51	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.58	23.58	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.71	23.71	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.69	24.69	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.4	24.4	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.38	24.38	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.35	23.35	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.84	23.84	30	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.53	24.53	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.58	24.58	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.6	23.6	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.19	25.19	30	PASS

Band4	10MHz	QPSK	20000	1RB#24	23.82	25.82	30	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.1	25.1	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.84	24.84	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.6	25.6	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.58	25.58	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.73	24.73	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.55	24.55	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.2	25.2	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.61	25.61	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.46	25.46	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.75	24.75	30	PASS
Band4	10MHz	16QAM	20000	27RB#0	21.57	23.57	30	PASS
Band4	10MHz	16QAM	20175	27RB#0	21.48	23.48	30	PASS
Band4	10MHz	16QAM	20350	27RB#0	21.29	23.29	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.2	24.2	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.87	24.87	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.24	24.24	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.55	24.55	30	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.4	24.4	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.5	23.5	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.89	23.89	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.54	24.54	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.85	23.85	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.94	24.94	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.71	25.71	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.19	25.19	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.66	24.66	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.2	25.2	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.42	25.42	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.87	25.87	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.61	24.61	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.18	25.18	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.67	25.67	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.4	25.4	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.86	24.86	30	PASS
Band4	15MHz	16QAM	20025	27RB#0	21.27	23.27	30	PASS
Band4	15MHz	16QAM	20175	27RB#0	21.39	23.39	30	PASS

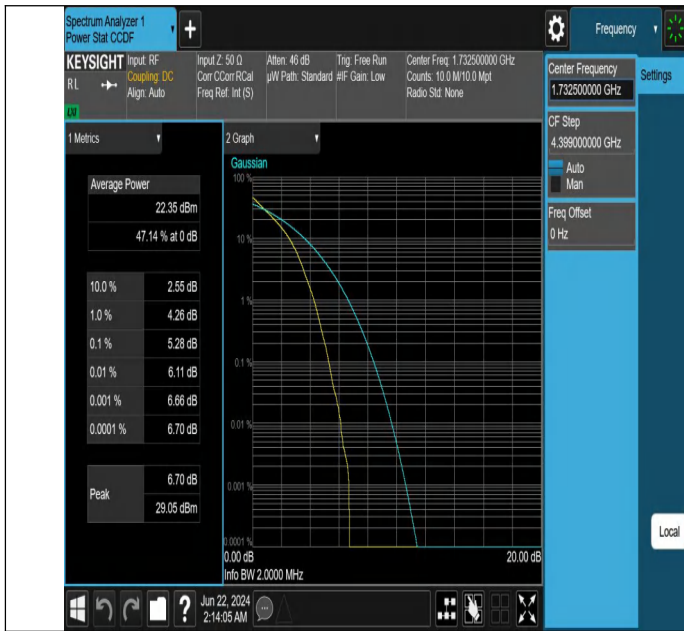
Band4	15MHz	16QAM	20325	27RB#0	21.56	23.56	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.94	23.94	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.81	24.81	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.29	24.29	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.36	24.36	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.47	24.47	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.45	24.45	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.87	23.87	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.47	24.47	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.22	24.22	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.12	25.12	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.96	25.96	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.02	25.02	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.46	24.46	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.42	25.42	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.71	25.71	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.74	24.74	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.3	24.3	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.66	25.66	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.8	25.8	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.59	25.59	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.46	24.46	30	PASS
Band4	20MHz	16QAM	20050	27RB#0	21.64	23.64	30	PASS
Band4	20MHz	16QAM	20175	27RB#0	21.54	23.54	30	PASS
Band4	20MHz	16QAM	20300	27RB#0	21.2	23.2	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.05	24.05	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.92	24.92	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.51	23.51	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.61	24.61	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.79	24.79	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.47	23.47	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.11	24.11	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.73	24.73	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.67	24.67	30	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	20175	6RB#0	5.28	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.12	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.36	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.14	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.48	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.23	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.44	13	PASS
Band4	10MHz	16QAM	20175	27RB#0	6.13	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.73	13	PASS
Band4	15MHz	16QAM	20175	27RB#0	6.03	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.33	13	PASS
Band4	20MHz	16QAM	20175	27RB#0	5.92	13	PASS

Test Graphs



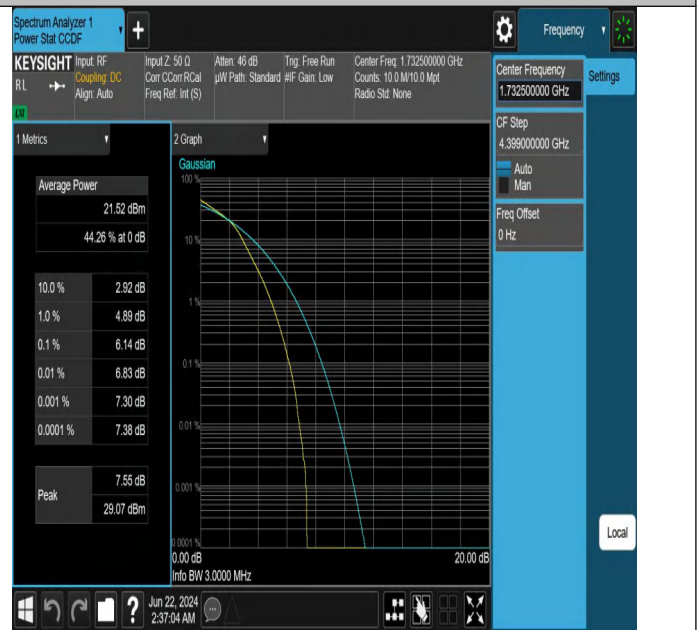
Band4-1.4MHz-QPSK-20175-6RB#0-PASS



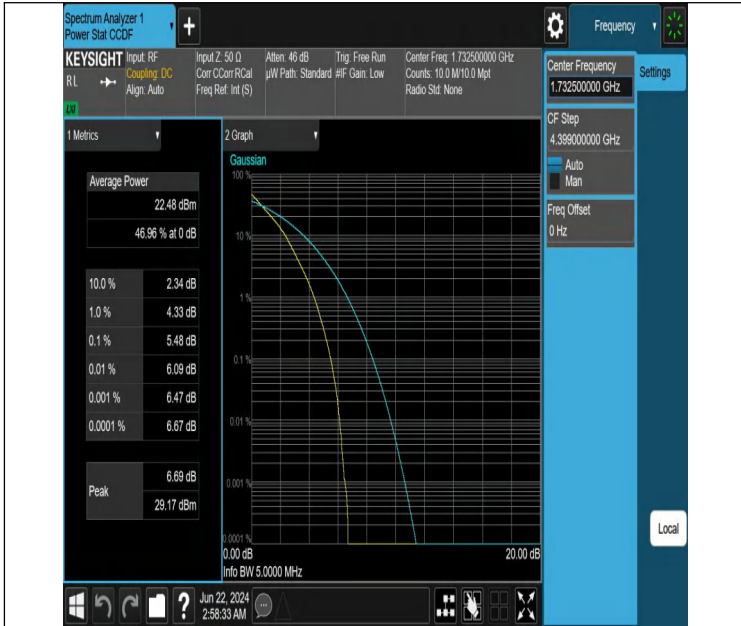
Band4-1.4MHz-16QAM-20175-6RB#0-PASS



Band4-3MHz-QPSK-20175-15RB#0-PASS



Band4-3MHz-16QAM-20175-15RB#0-PASS



Band4-5MHz-QPSK-20175-25RB#0-PASS



Band4-5MHz-16QAM-20175-25RB#0-PASS



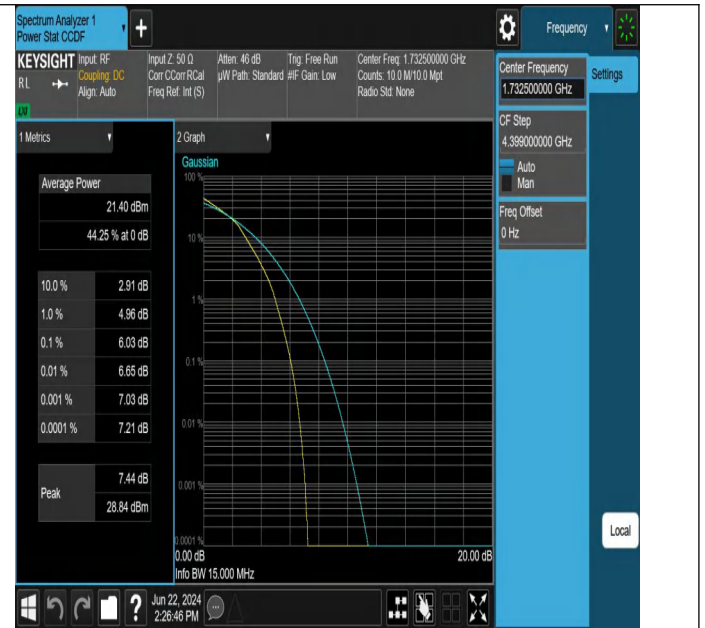
Band4-10MHz-QPSK-20175-50RB#0-PASS



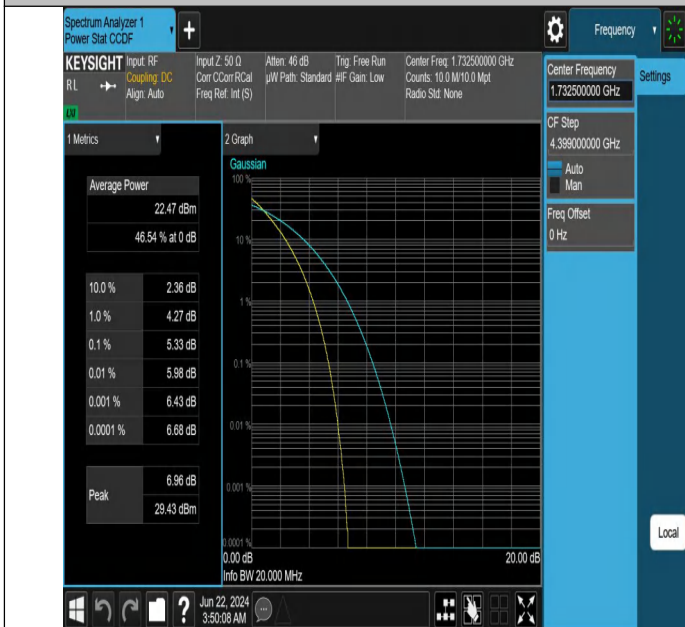
Band4-10MHz-16QAM-20175-27RB#0-PASS



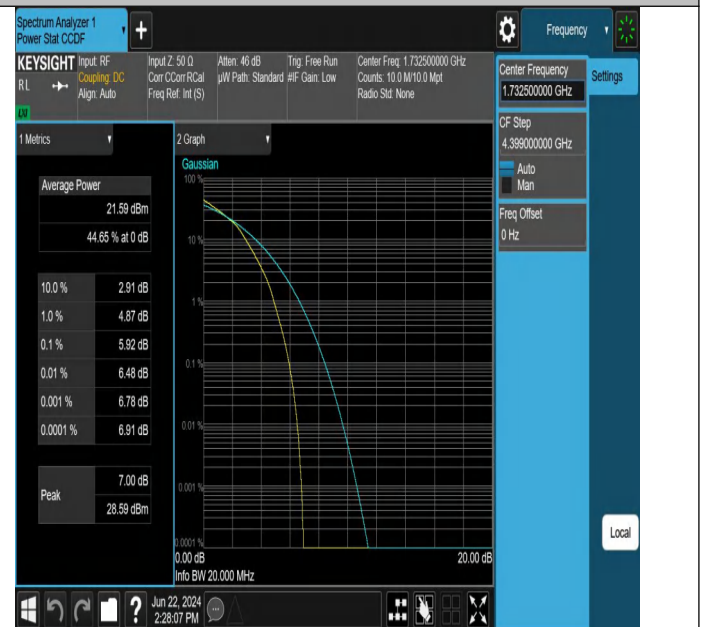
Band4-15MHz-QPSK-20175-75RB#0-PASS



Band4-15MHz-16QAM-20175-27RB#0-PASS



Band4-20MHz-QPSK-20175-100RB#0-PASS



Band4-20MHz-16QAM-20175-27RB#0-PASS

26dB Bandwidth and Occupied Bandwidth

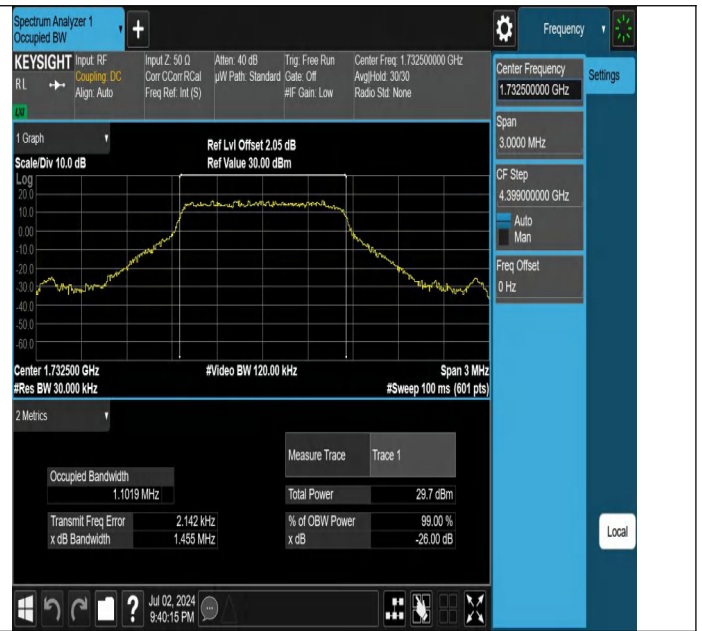
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	20175	6RB#0	1.0948	1.423	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1019	1.455	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6897	3.148	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6859	3.114	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4829	5.088	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4784	5.135	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9107	9.682	PASS
Band4	10MHz	16QAM	20175	27RB#0	5.1710	8.290	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.575	16.61	PASS
Band4	15MHz	16QAM	20175	27RB#0	5.3384	8.413	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.931	20.72	PASS
Band4	20MHz	16QAM	20175	27RB#0	5.4767	8.305	PASS

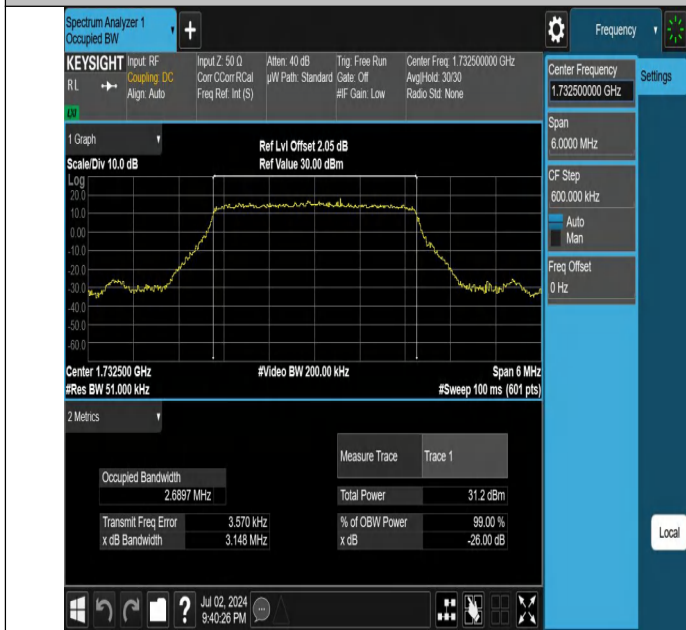
Test Graphs



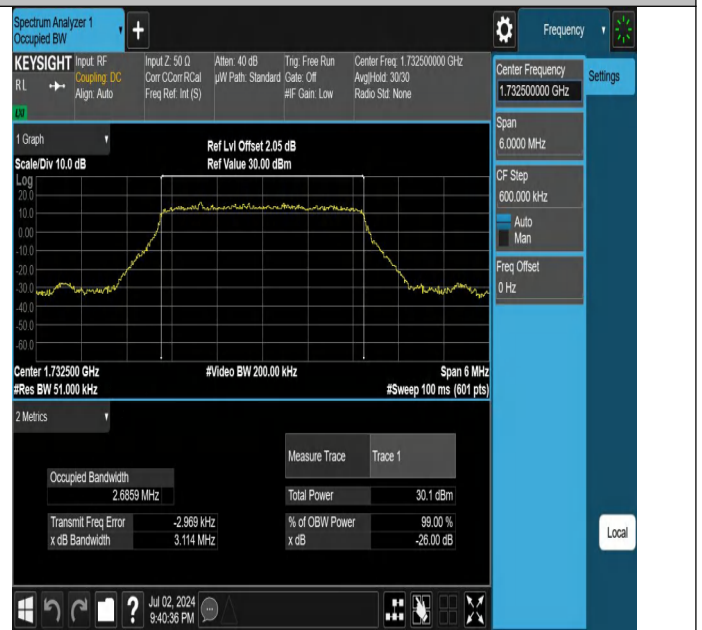
Band4-1.4MHz-QPSK-20175-6RB#0-PASS



Band4-1.4MHz-16QAM-20175-6RB#0-PASS



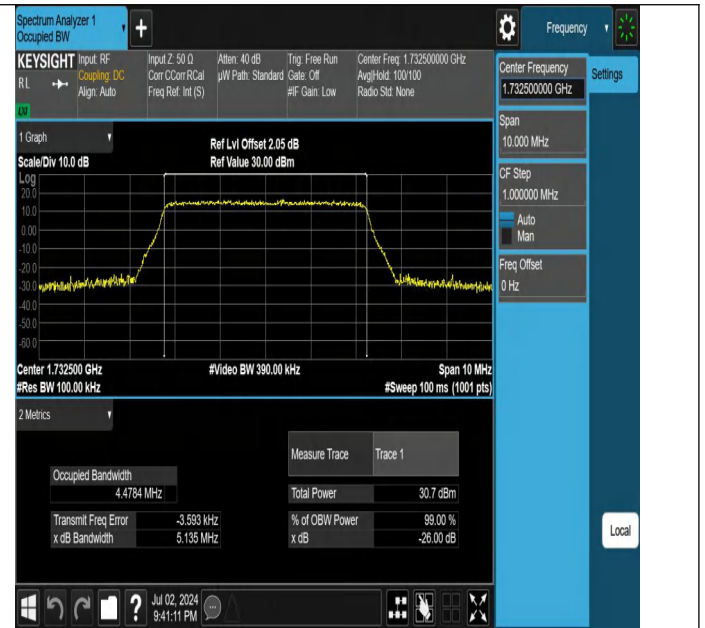
Band4-3MHz-QPSK-20175-15RB#0-PASS



Band4-3MHz-16QAM-20175-15RB#0-PASS



Band4-5MHz-QPSK-20175-25RB#0-PASS



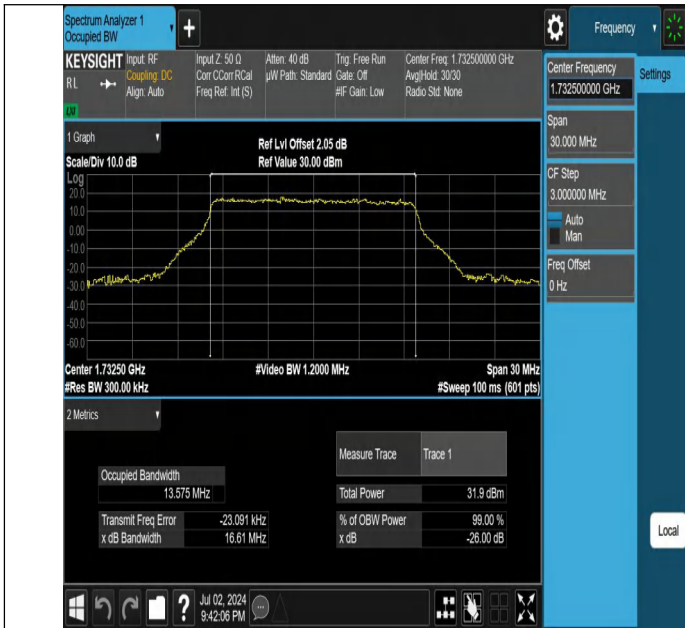
Band4-5MHz-16QAM-20175-25RB#0-PASS



Band4-10MHz-QPSK-20175-50RB#0-PASS



Band4-10MHz-16QAM-20175-27RB#0-PASS



Band4-15MHz-QPSK-20175-75RB#0-PASS



Band4-15MHz-16QAM-20175-27RB#0-PASS



Band4-20MHz-QPSK-20175-100RB#0-PASS



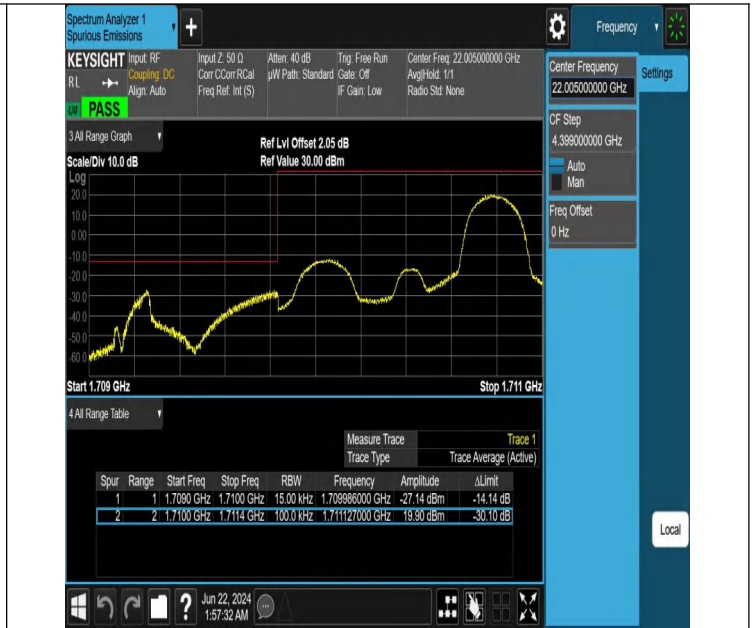
Band4-20MHz-16QAM-20175-27RB#0-PASS

Band Edge

Test Graphs



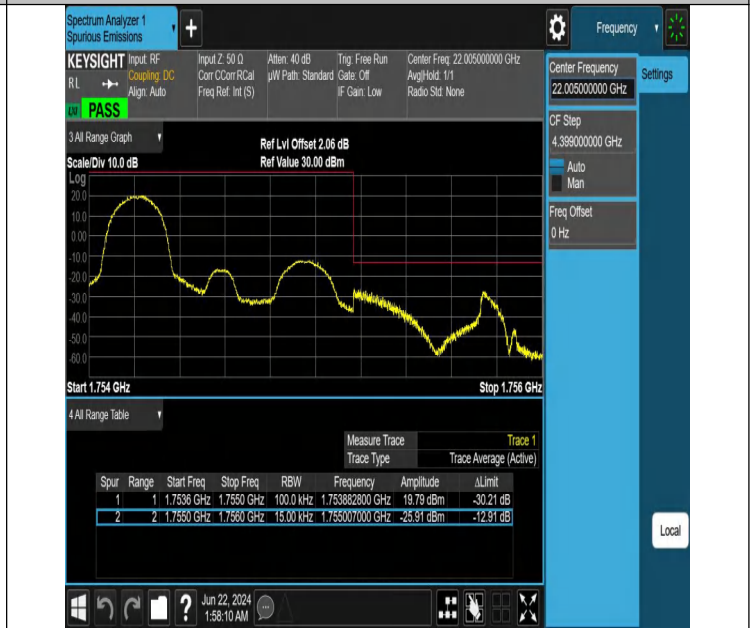
Band4_1.4MHz_QPSK_19957_1RB#0



Band4_1.4MHz_QPSK_19957_1RB#5



Band4_1.4MHz_QPSK_19957_6RB#0



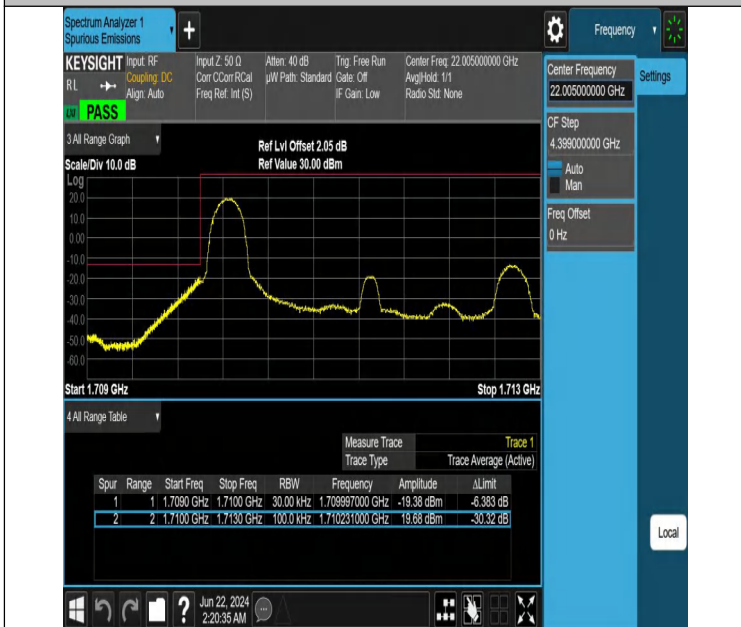
Band4_1.4MHz_QPSK_20393_1RB#0



Band4_1.4MHz_QPSK_20393_1RB#5



Band4_1.4MHz_QPSK_20393_6RB#0



Band4_3MHz_QPSK_19965_1RB#0



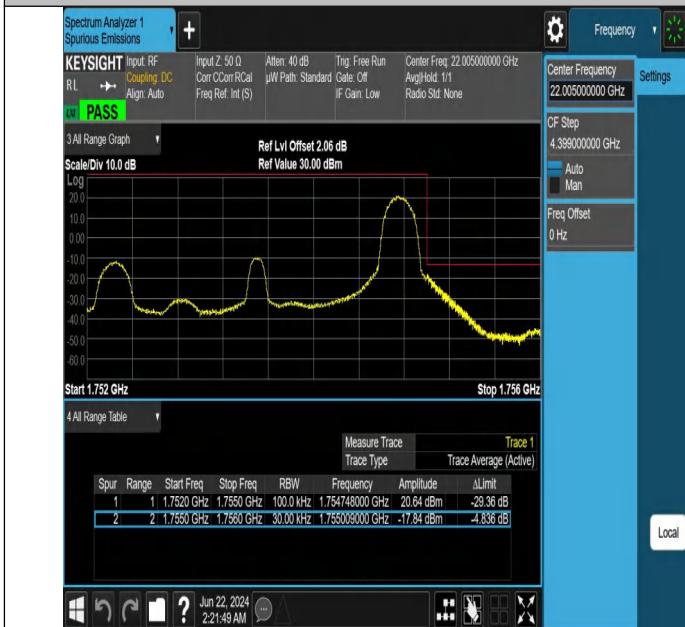
Band4_3MHz_QPSK_19965_1RB#14



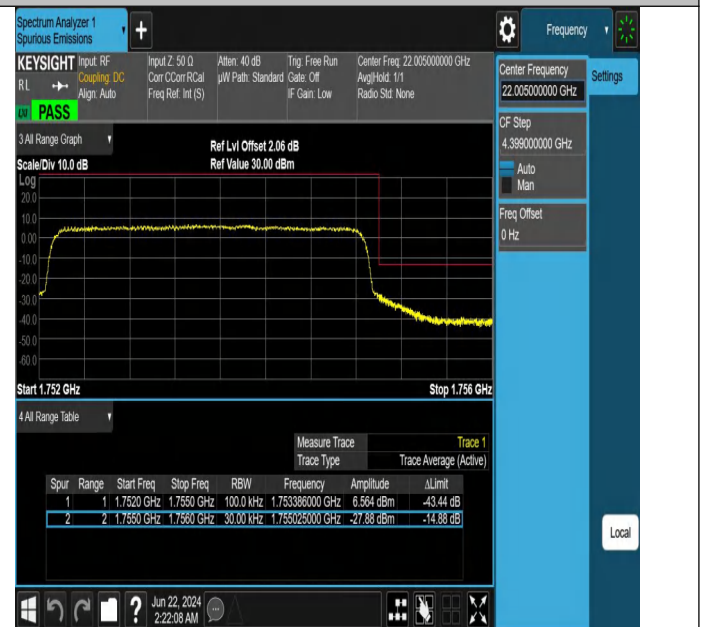
Band4_3MHz_QPSK_19965_15RB#0



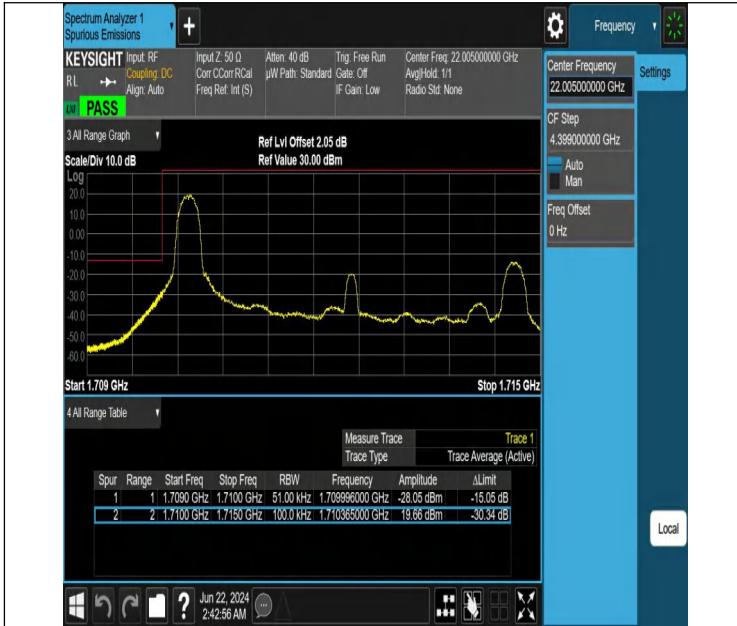
Band4_3MHz_QPSK_20385_1RB#0



Band4_3MHz_QPSK_20385_1RB#14



Band4_3MHz_QPSK_20385_15RB#0



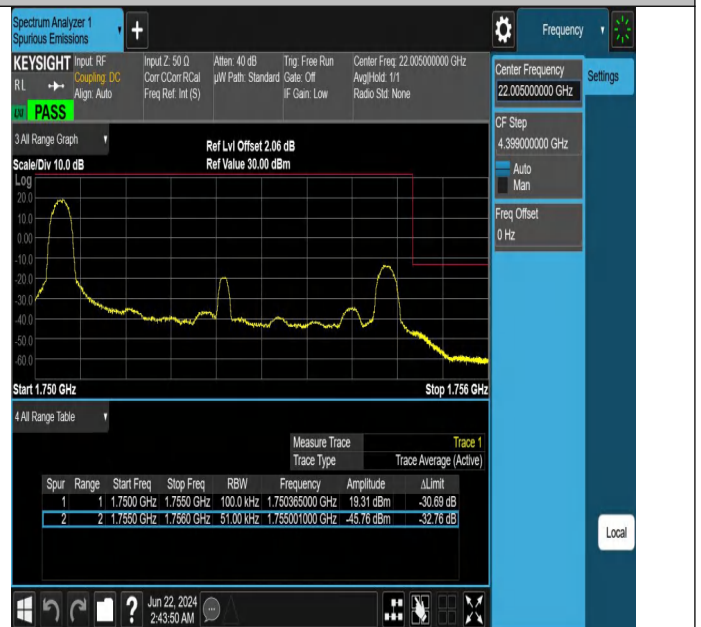
Band4_5MHz_QPSK_19975_1RB#0



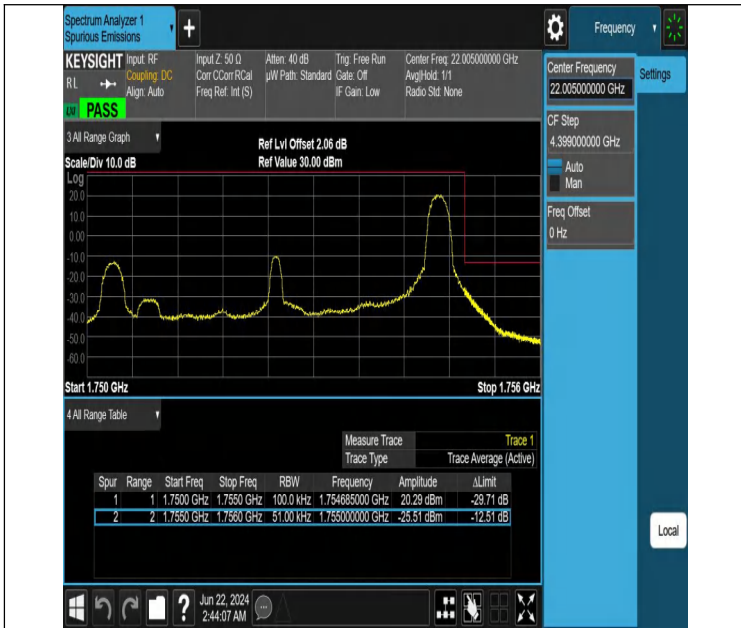
Band4_5MHz_QPSK_19975_1RB#24



Band4_5MHz_QPSK_19975_25RB#0



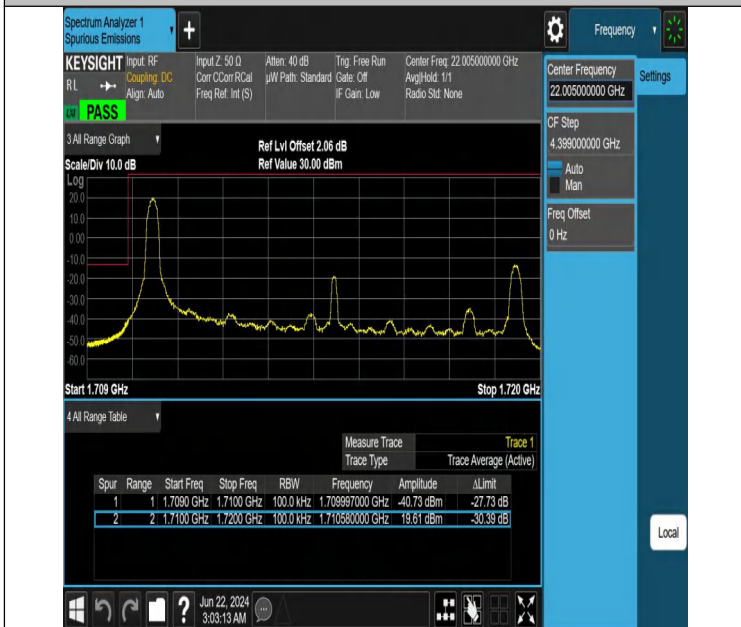
Band4_5MHz_QPSK_20375_1RB#0



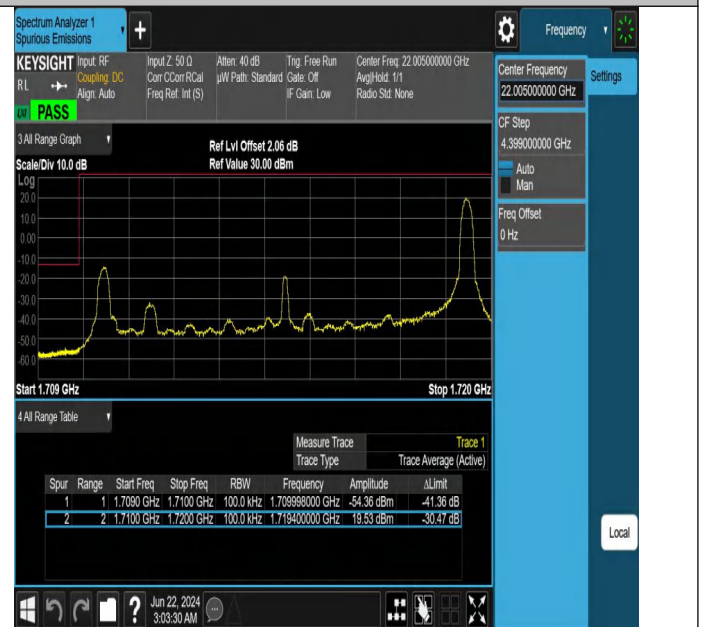
Band4_5MHz_QPSK_20375_1RB#24



Band4_5MHz_QPSK_20375_25RB#0



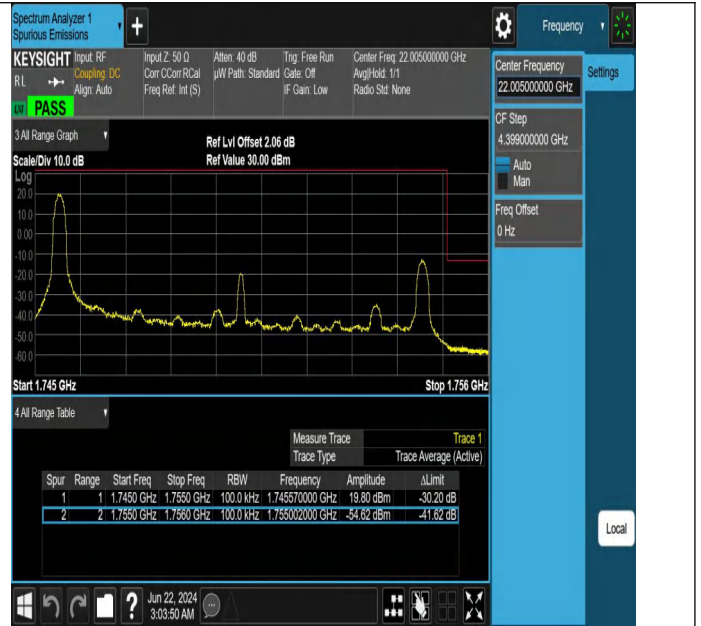
Band4_10MHz_QPSK_20000_1RB#0



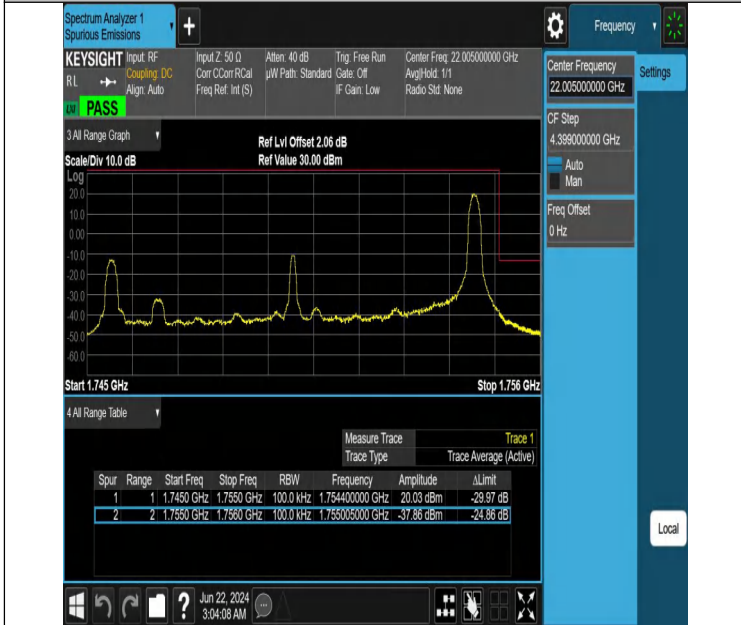
Band4_10MHz_QPSK_20000_1RB#49



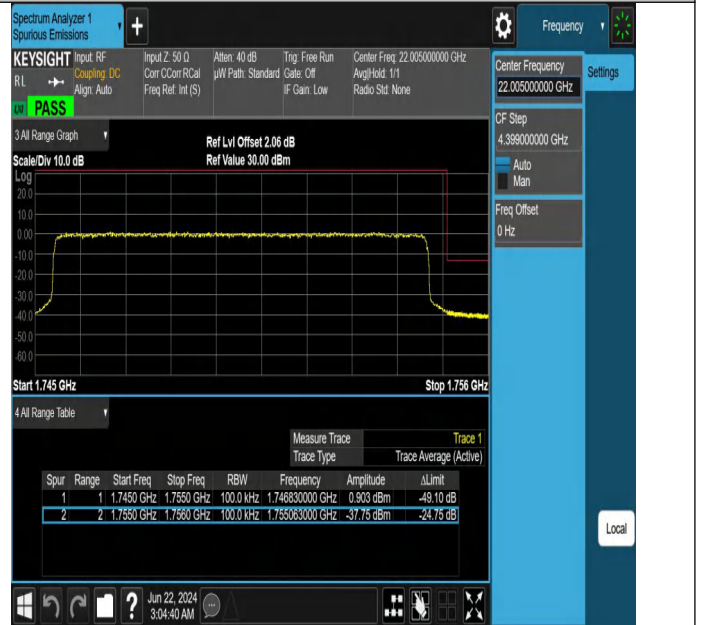
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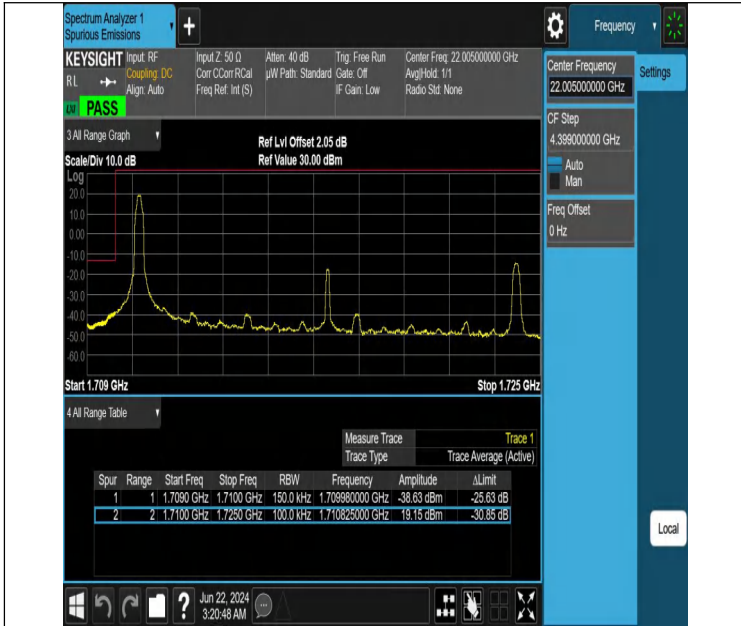
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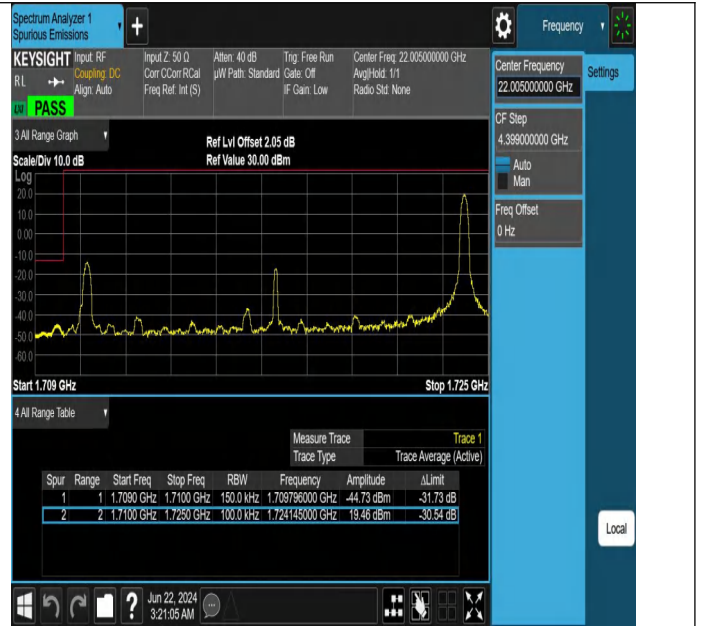
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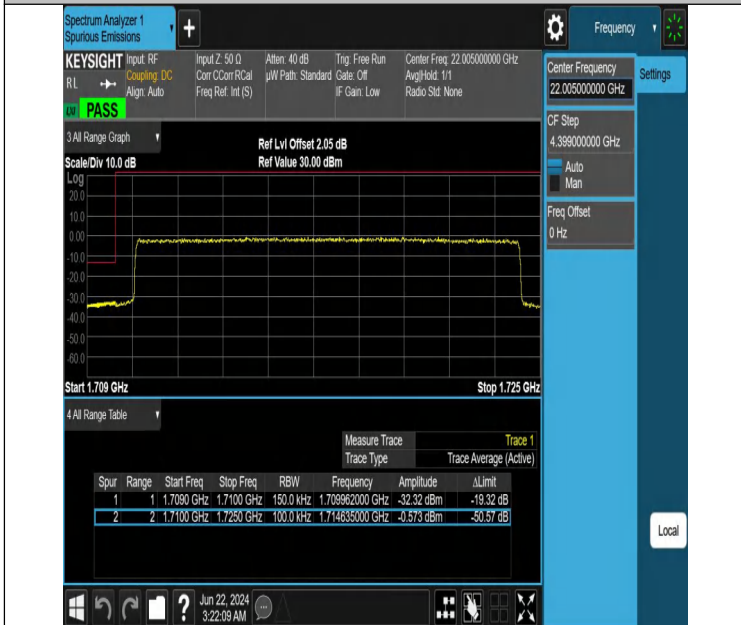
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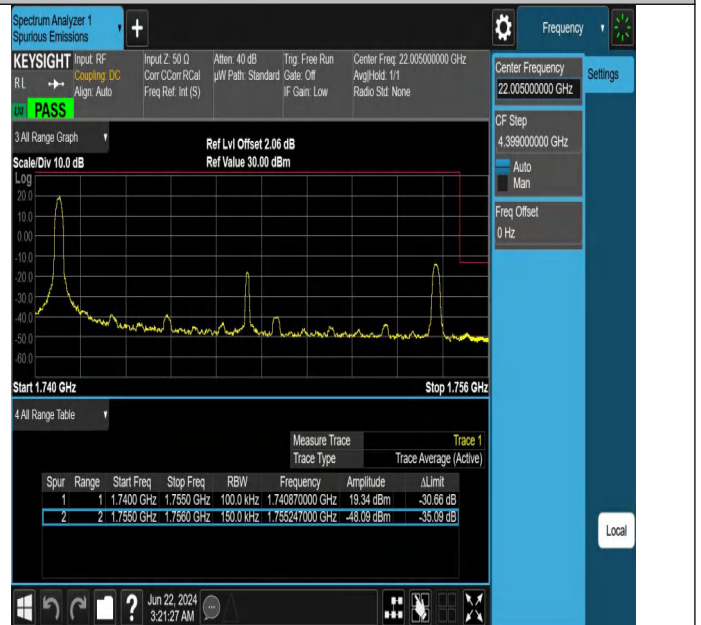
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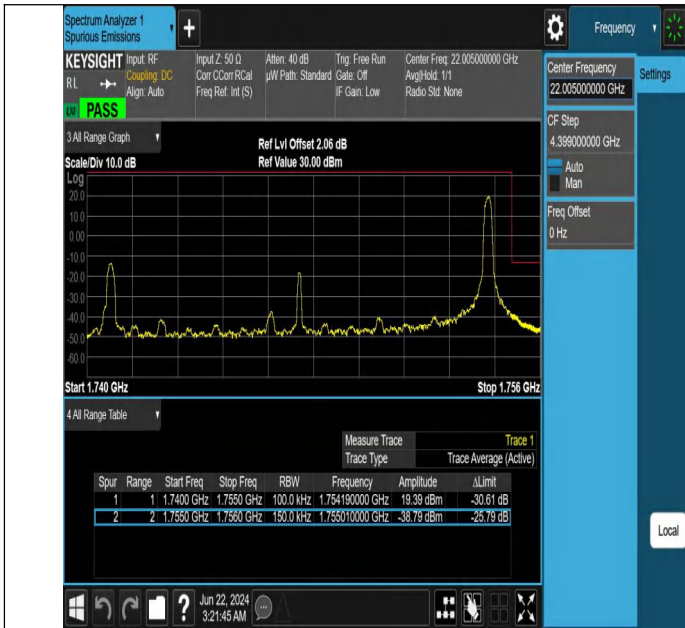
Band4_15MHz_QPSK_2025_1RB#74



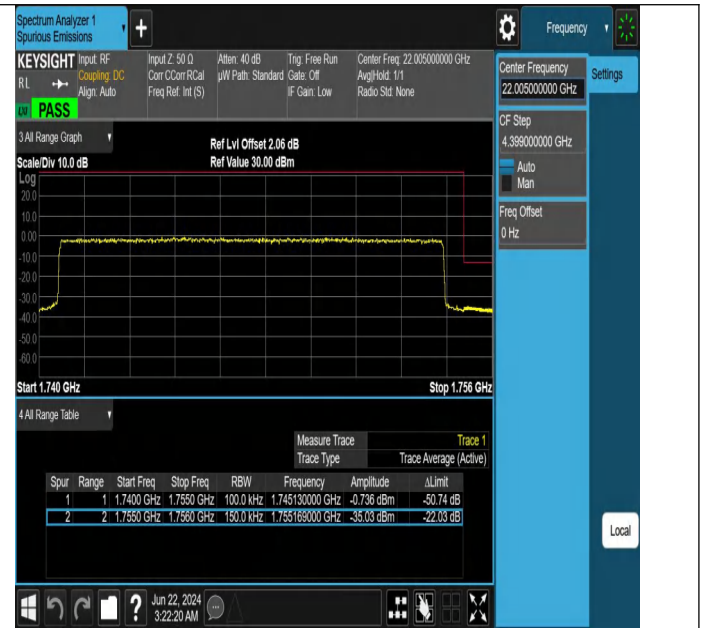
Band4_15MHz_QPSK_2025_75RB#0



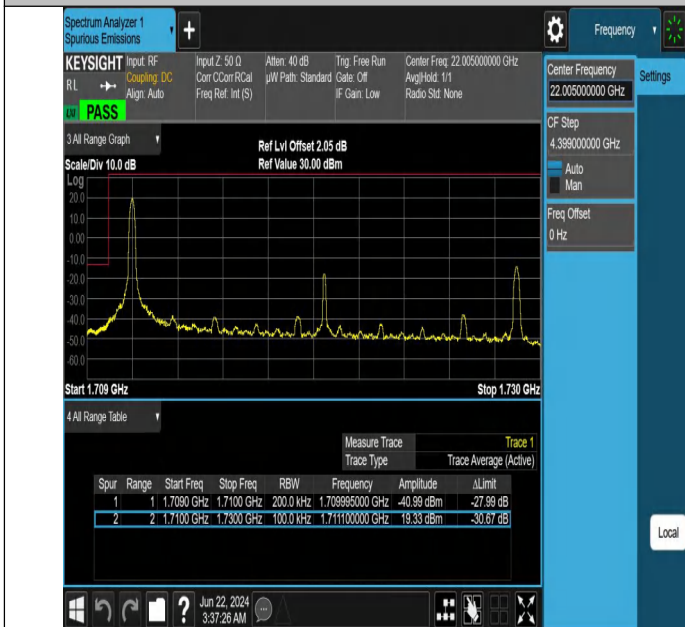
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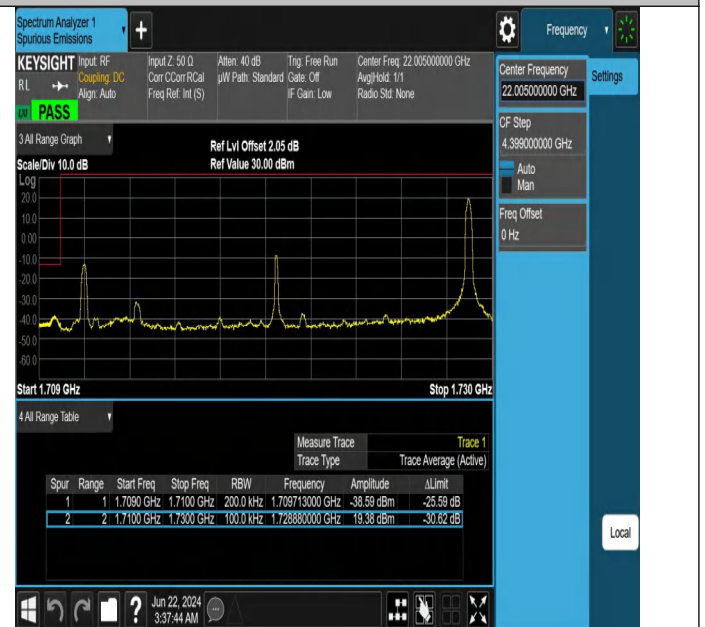
Band4_15MHz_QPSK_20325_1RB#74



Band4_15MHz_QPSK_20325_75RB#0



Band4_20MHz_QPSK_20050_1RB#0



Band4_20MHz_QPSK_20050_1RB#99