

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Power(dBm)	E(I)RP(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.95	25.95	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.95	24.95	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.81	25.81	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.71	24.71	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.91	25.91	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.82	24.82	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.79	24.79	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.83	23.83	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	24.15	26.15	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	23.04	25.04	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	24	26	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.91	24.91	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	24.05	26.05	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.99	24.99	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	23.05	25.05	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.9	23.9	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.91	25.91	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.81	24.81	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.76	25.76	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.7	24.7	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.88	25.88	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.82	24.82	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.71	24.71	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.79	23.79	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.74	25.74	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.75	24.75	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.77	25.77	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.8	24.8	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.7	25.7	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.74	24.74	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.74	24.74	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.8	23.8	PASS
Band4	3MHz	QPSK	20175	1RB#0	24.04	26.04	PASS

Band4	3MHz	16QAM	20175	1RB#0	22.97	24.97	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.99	25.99	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.9	24.9	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.9	25.9	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.81	24.81	PASS
Band4	3MHz	QPSK	20175	15RB#0	23.06	25.06	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.98	23.98	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.72	25.72	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.72	24.72	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.74	25.74	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.75	24.75	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.68	25.68	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.69	24.69	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.7	24.7	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.71	23.71	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.88	25.88	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.73	24.73	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.9	25.9	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.78	24.78	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.66	25.66	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.63	24.63	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.7	24.7	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.76	23.76	PASS
Band4	5MHz	QPSK	20175	1RB#0	24.04	26.04	PASS
Band4	5MHz	16QAM	20175	1RB#0	23.13	25.13	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.99	25.99	PASS
Band4	5MHz	16QAM	20175	1RB#12	23.1	25.1	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.84	25.84	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.94	24.94	PASS
Band4	5MHz	QPSK	20175	25RB#0	23.03	25.03	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.99	23.99	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.89	25.89	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.7	24.7	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.78	25.78	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.75	24.75	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.79	25.79	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.68	24.68	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.68	24.68	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.68	23.68	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.53	25.53	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.49	24.49	PASS

Band4	10MHz	QPSK	20000	1RB#24	23.4	25.4	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.45	24.45	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.87	25.87	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.84	24.84	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.45	24.45	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.52	23.52	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.99	25.99	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.83	24.83	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.82	25.82	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.73	24.73	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.55	25.55	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.41	24.41	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.73	24.73	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.73	23.73	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.44	25.44	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.16	24.16	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.54	25.54	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.34	24.34	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.47	25.47	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.2	24.2	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.44	24.44	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.48	23.48	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.7	25.7	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.7	24.7	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.85	25.85	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.85	24.85	PASS
Band4	15MHz	QPSK	20025	1RB#74	24.23	26.23	PASS
Band4	15MHz	16QAM	20025	1RB#74	23.21	25.21	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.89	24.89	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.97	23.97	PASS
Band4	15MHz	QPSK	20175	1RB#0	24.23	26.23	PASS
Band4	15MHz	16QAM	20175	1RB#0	23.39	25.39	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.97	25.97	PASS
Band4	15MHz	16QAM	20175	1RB#38	23.18	25.18	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.66	25.66	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.89	24.89	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.89	24.89	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.94	23.94	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.73	25.73	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.54	24.54	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.64	25.64	PASS

Band4	15MHz	16QAM	20325	1RB#38	22.49	24.49	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.7	25.7	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.45	24.45	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.65	24.65	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.73	23.73	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.73	25.73	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.63	24.63	PASS
Band4	20MHz	QPSK	20050	1RB#49	24.27	26.27	PASS
Band4	20MHz	16QAM	20050	1RB#49	23.16	25.16	PASS
Band4	20MHz	QPSK	20050	1RB#99	24.12	26.12	PASS
Band4	20MHz	16QAM	20050	1RB#99	23.08	25.08	PASS
Band4	20MHz	QPSK	20050	100RB#0	23.04	25.04	PASS
Band4	20MHz	16QAM	20050	100RB#0	22.08	24.08	PASS
Band4	20MHz	QPSK	20175	1RB#0	24.31	26.31	PASS
Band4	20MHz	16QAM	20175	1RB#0	23.18	25.18	PASS
Band4	20MHz	QPSK	20175	1RB#49	24.06	26.06	PASS
Band4	20MHz	16QAM	20175	1RB#49	23.06	25.06	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.68	25.68	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.58	24.58	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.78	24.78	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.79	23.79	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.86	25.86	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.96	24.96	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.64	25.64	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.78	24.78	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.65	25.65	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.82	24.82	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.59	24.59	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.7	23.7	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20175	100RB#0	5.33	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.11	13	PASS

26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuratio n	Occupied Bandwidth	26dB Bandwidth	Verdict
Band4	1.4MHz	QPSK	20175	6RB#0	1.0973	1.258	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1058	1.275	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6983	2.909	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6955	2.91	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4934	4.847	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4978	4.866	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9615	9.66	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9627	9.655	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.434	14.52	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.452	14.47	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.928	19.55	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.887	19.42	PASS

Test Graphs





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



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



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



Band4-10MHz-16QAM-20175-50RB#0-PASS



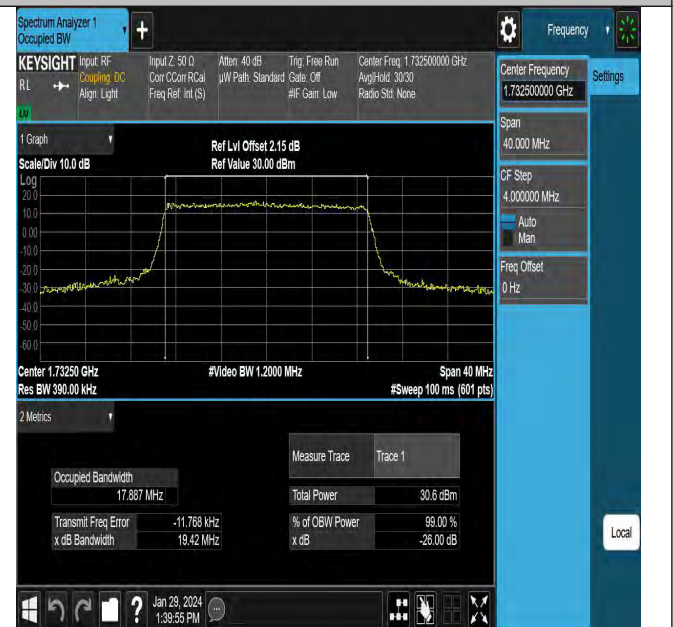
Band4-15MHz-QPSK-20175-75RB#0-PASS



Band4-15MHz-16QAM-20175-75RB#0-PASS



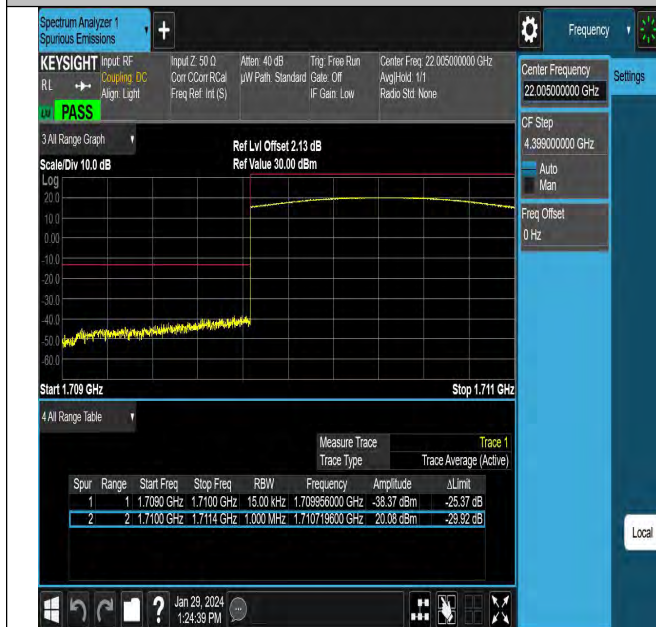
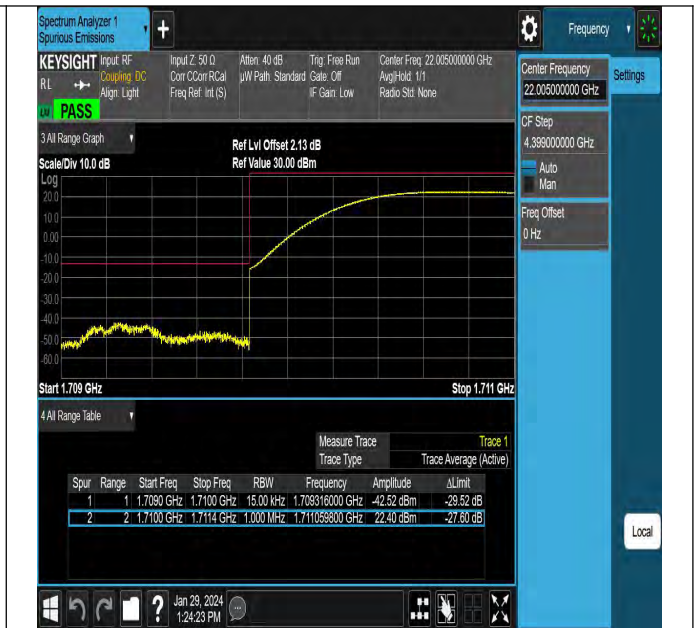
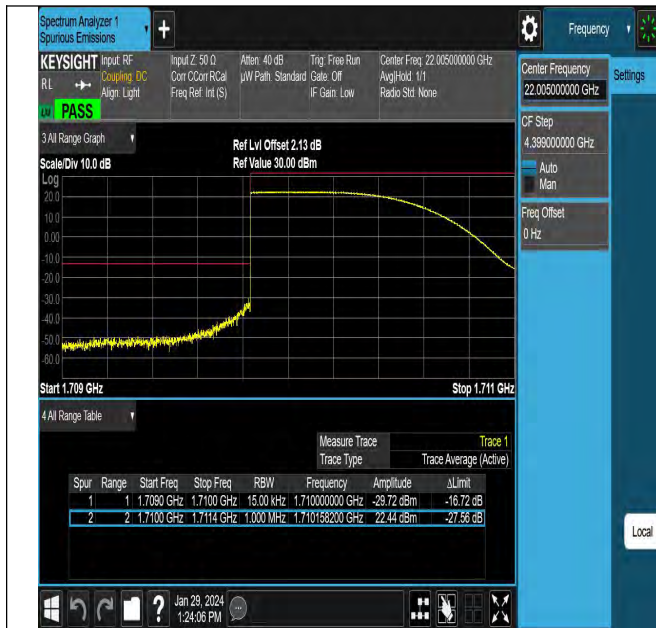
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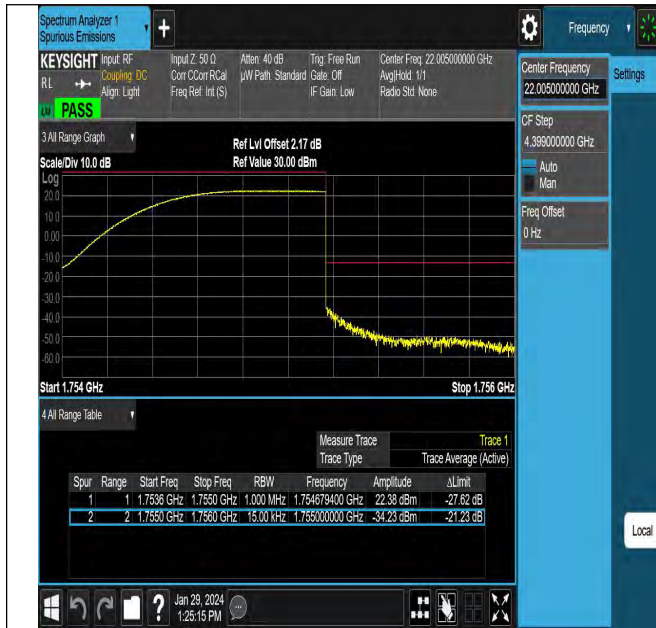


Band4-20MHz-16QAM-20175-100RB#0-PASS

Band Edge

Test Graphs





Band4_1.4MHz_QPSK_20393_1RB#5



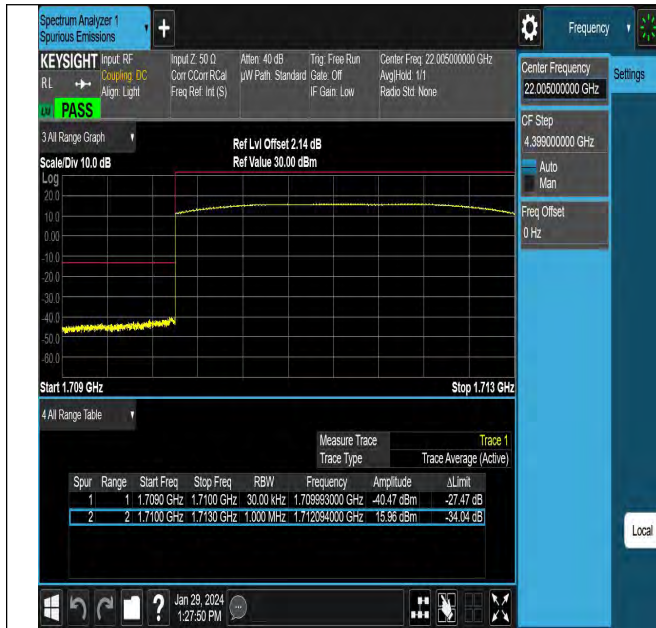
Band4_1.4MHz_QPSK_20393_6RB#0



Band4_3MHz_QPSK_19965_1RB#0



Band4_3MHz_QPSK_19965_1RB#14



Band4_3MHz_QPSK_19965_15RB#0



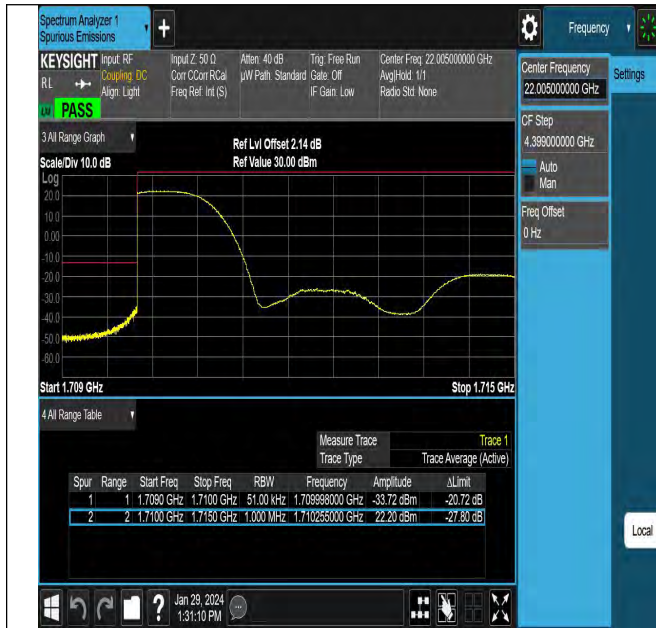
Band4_3MHz_QPSK_20385_1RB#0



Band4_3MHz_QPSK_20385_1RB#14



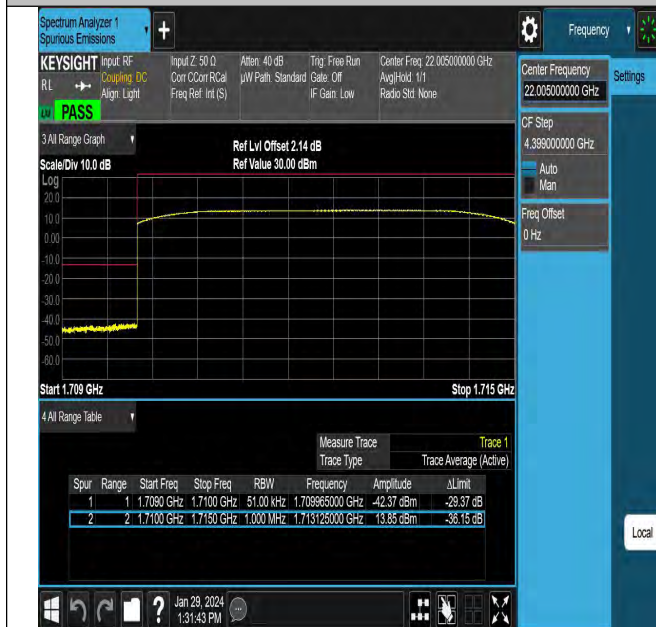
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Band4_5MHz_QPSK_19975_1RB#0



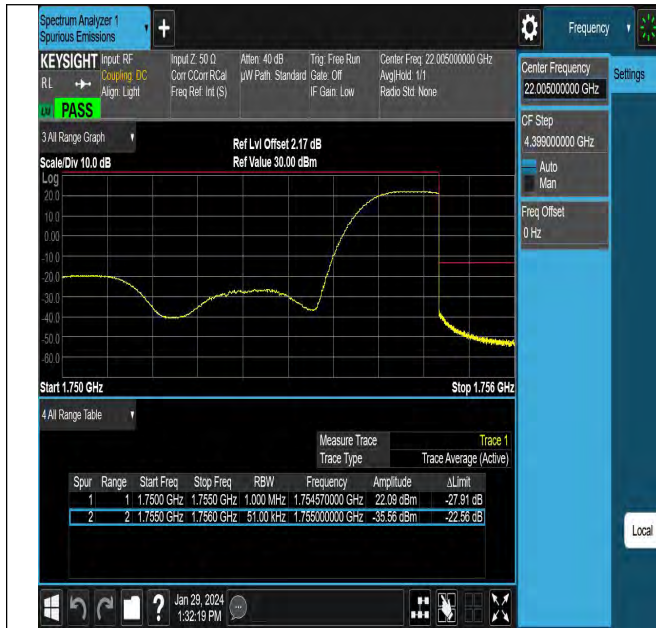
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Band4_5MHz_QPSK_19975_25RB#0



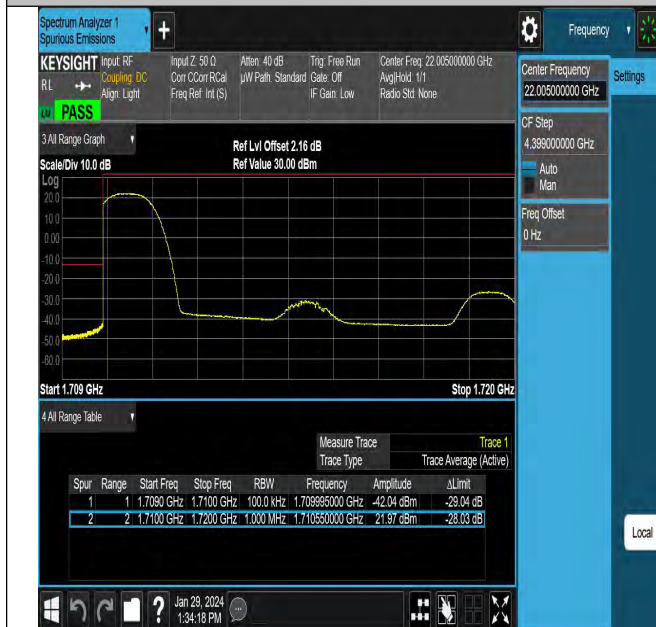
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Band4_5MHz_QPSK_20375_1RB#24



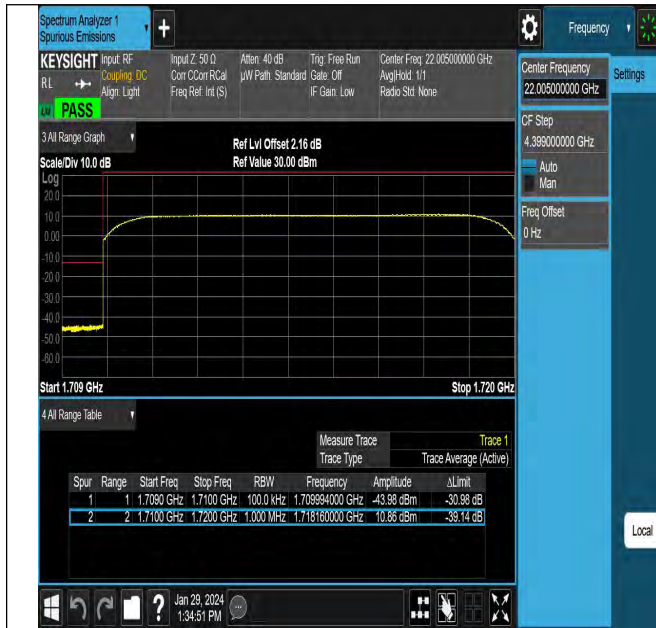
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Band4_10MHz_QPSK_20000_1RB#0



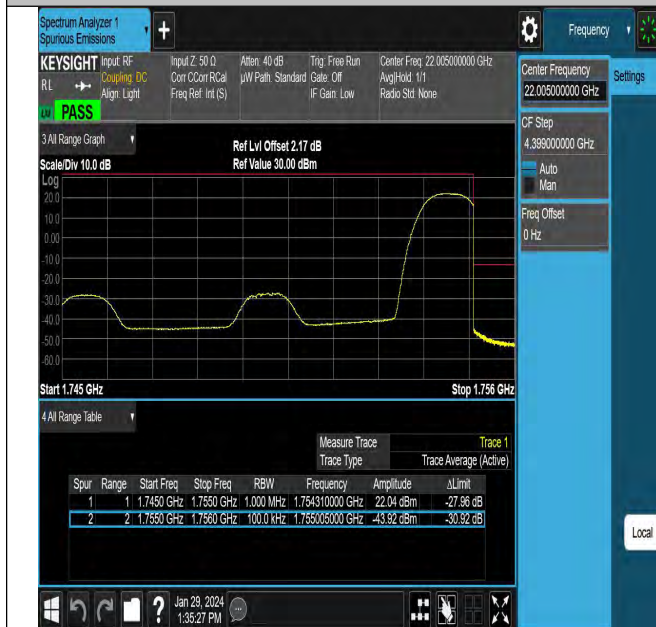
Band4_10MHz_QPSK_20000_1RB#49



Band4_10MHz_QPSK_20000_50RB#0



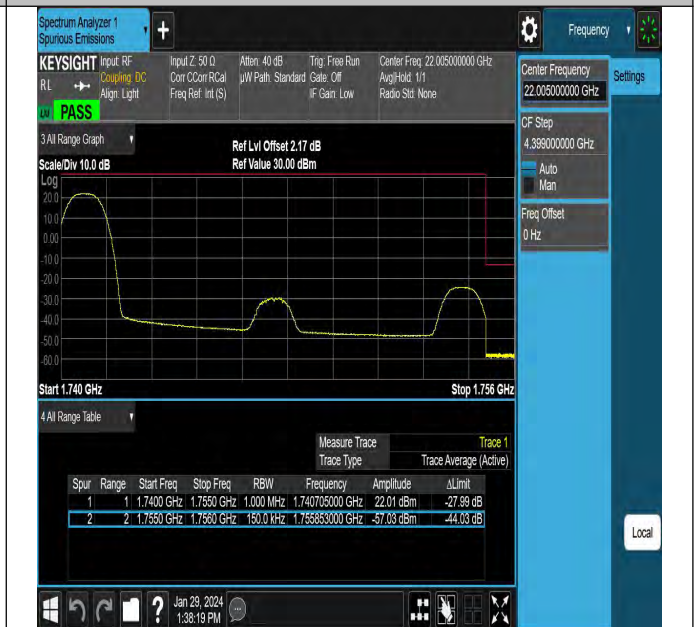
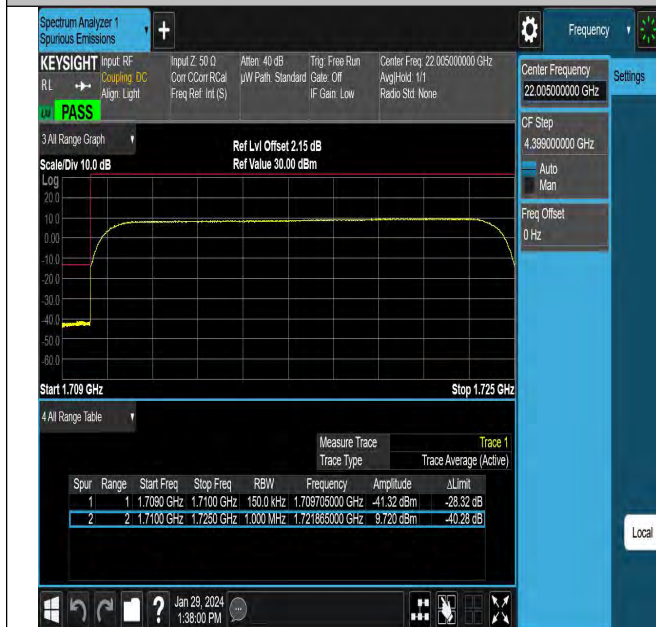
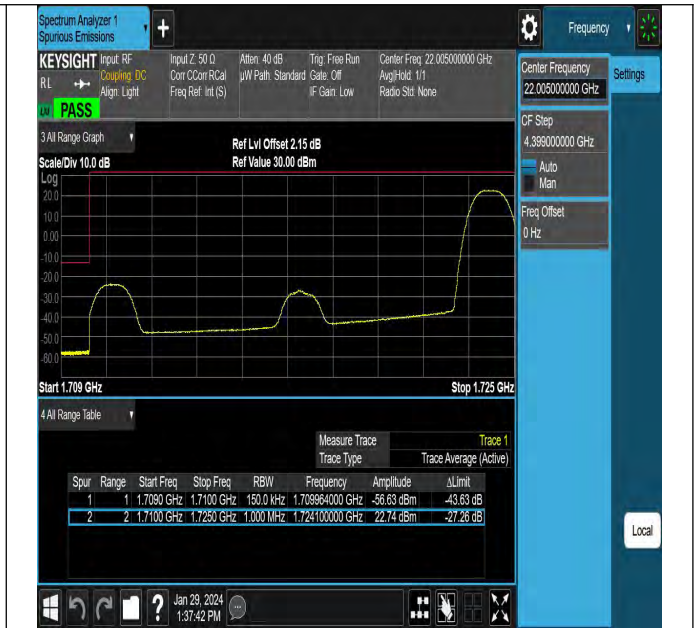
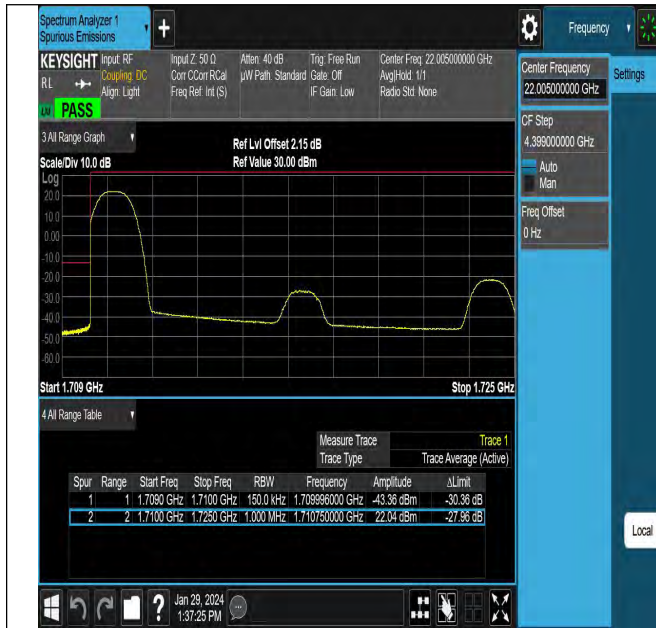
Band4_10MHz_QPSK_20350_1RB#0

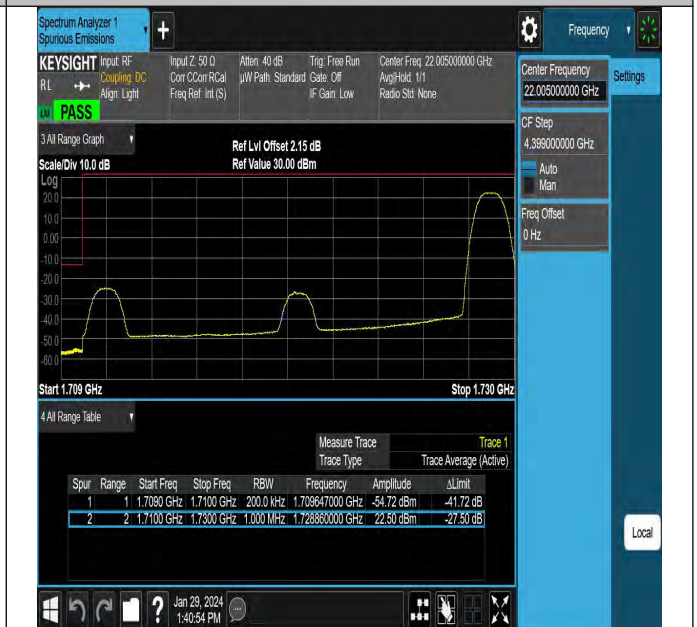
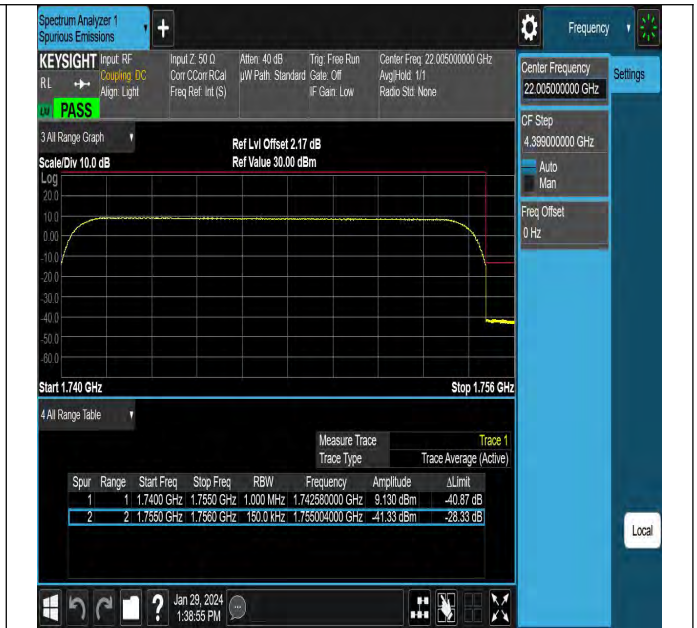
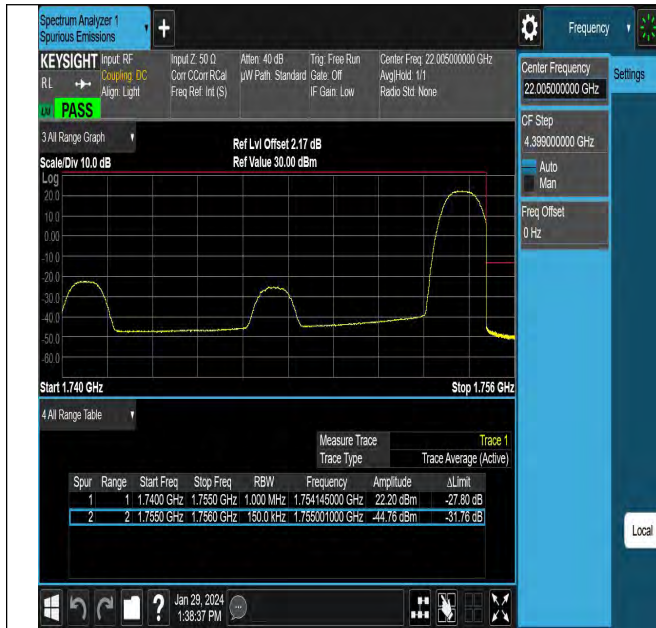


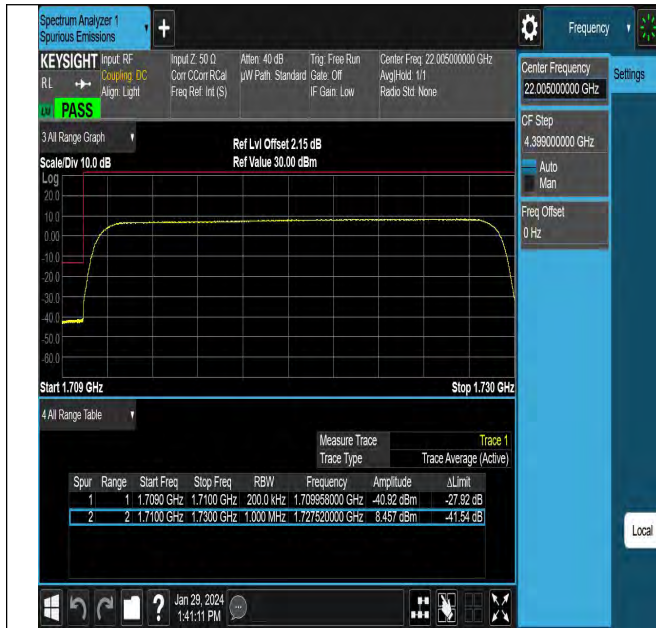
Band4_10MHz_QPSK_20350_1RB#49



Band4_10MHz_QPSK_20350_50RB#0



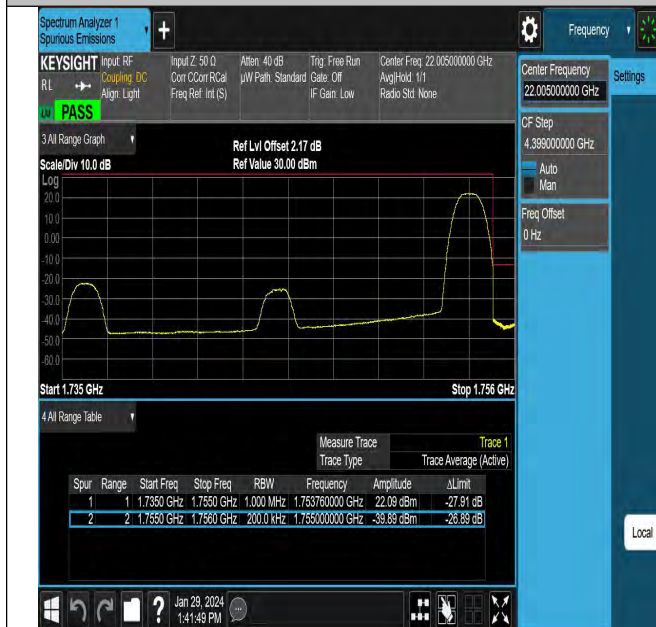




Band4_20MHz_QPSK_20050_100RB#0



Band4_20MHz_QPSK_20300_1RB#0



Band4_20MHz_QPSK_20300_1RB#99



Band4_20MHz_QPSK_20300_100RB#0

Conducted Spurious Emission

Test Graphs



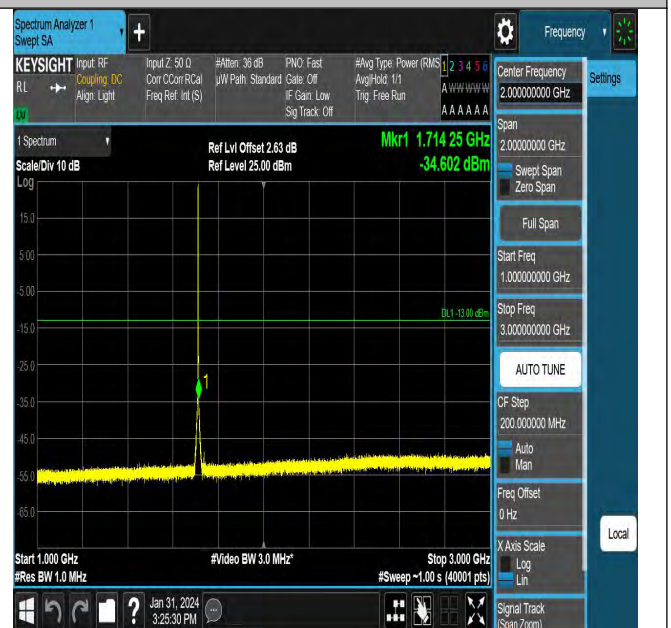
Band4_1.4MHz_QPSK_19957_1RB#0_0.009~0.15_0.009~0.15



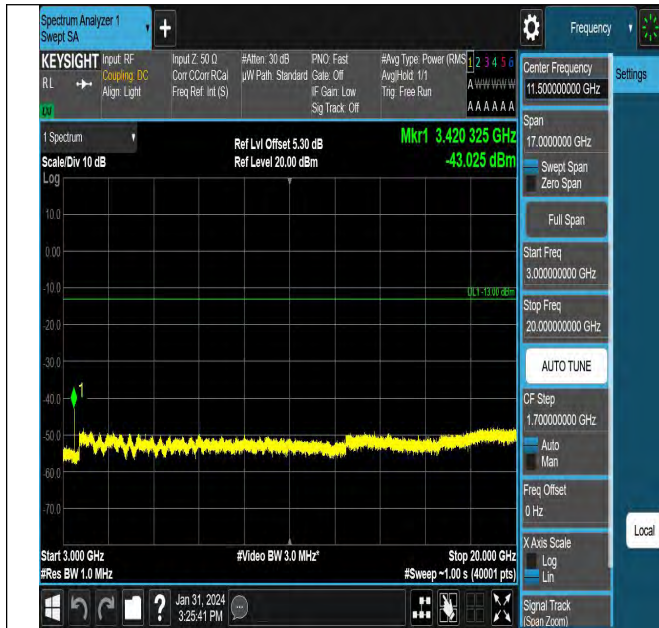
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Band4_1.4MHz_QPSK_19957_1RB#0_30~1000_30~1000



Band4_1.4MHz_QPSK_19957_1RB#0_1000~3000_1000~30



Band4_1.4MHz_QPSK_19957_1RB#0_3000~20000_3000~20000



Band4_1.4MHz_QPSK_20175_1RB#0_0.15~30_0.15~30



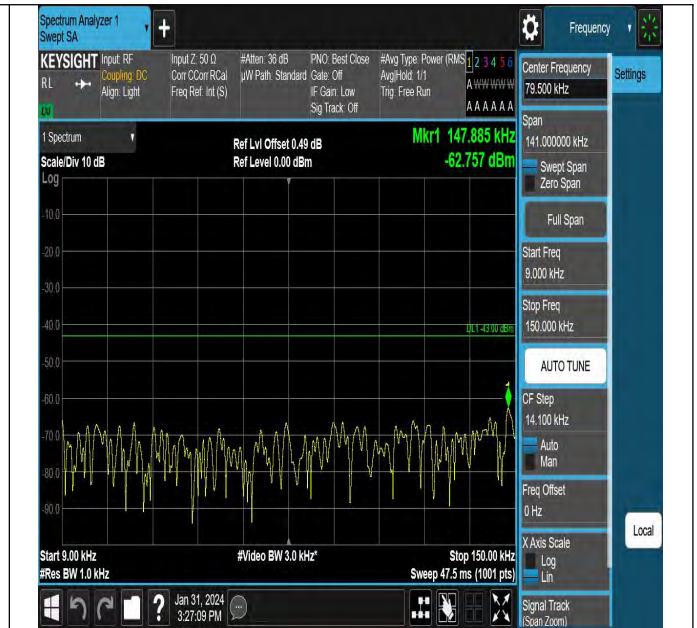
Band4_1.4MHz_QPSK_20175_1RB#0_0.009~0.15_0.009~0.15



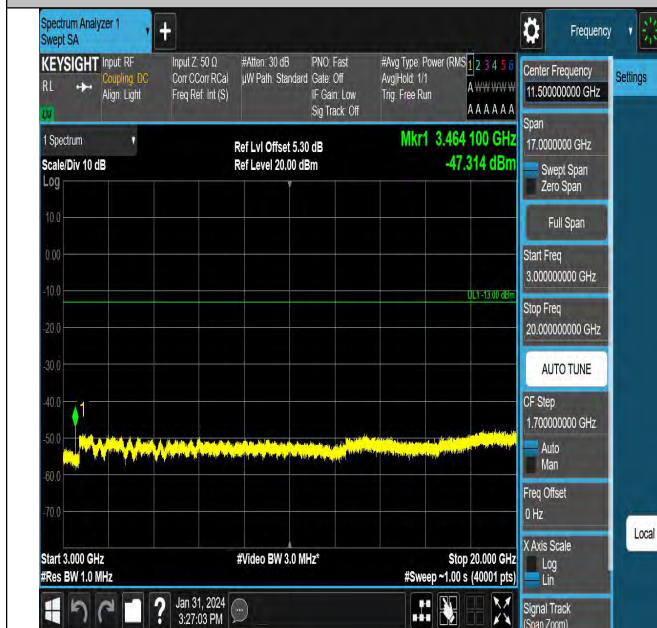
Band4_1.4MHz_QPSK_20175_1RB#0_1000~3000_1000~3000



Band4_1.4MHz_QPSK_20175_1RB#0_30~1000_30~1000



Band4_1.4MHz_16QAM_20175_1RB#0_0.009~0.15_0.009~0.15



Band4_1.4MHz_QPSK_20175_1RB#0_3000~20000_3000~20000

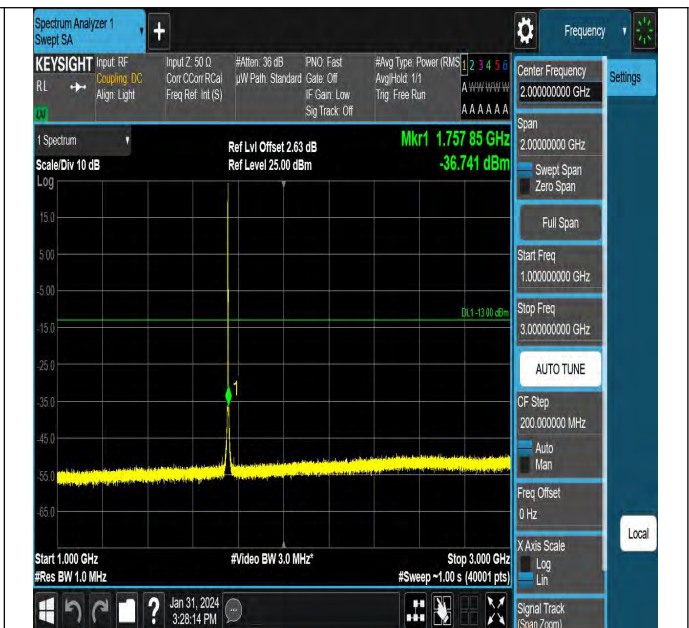


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Band4_1.4MHz_QPSK_20393_1RB#0_0.009~0.15_0.009~0.

15



Band4_1.4MHz_QPSK_20393_1RB#0_1000~3000_1000~30

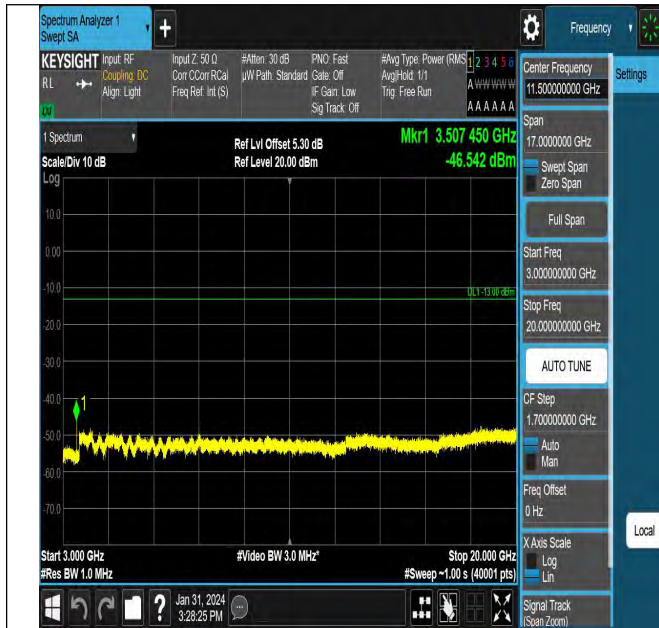
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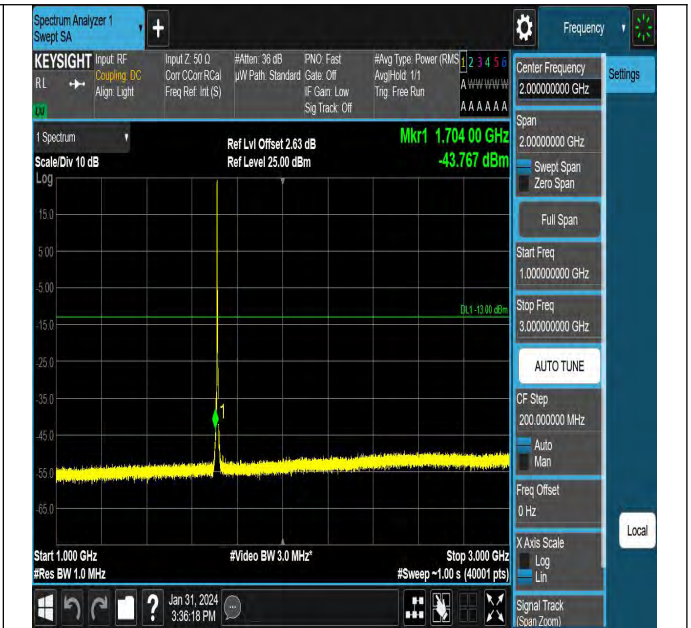
Band4 1.4MHz QPSK 20393 1RB#0 30~1000 30~1000



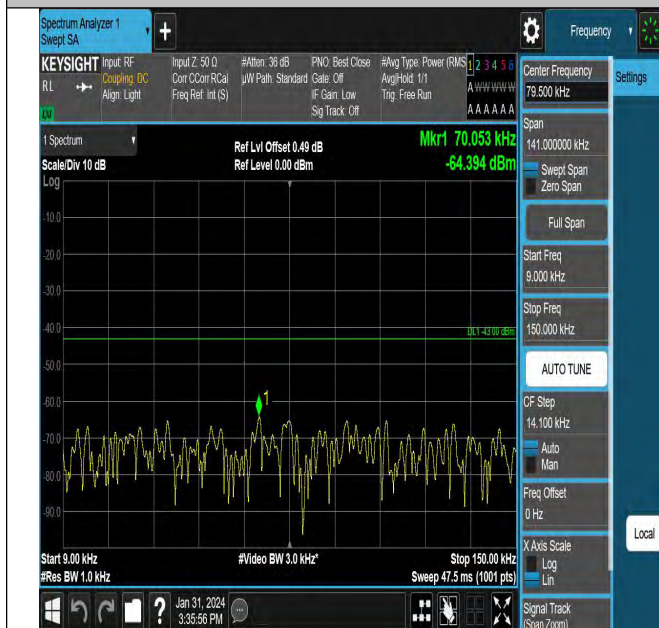
Band4	3MHz	QPSK	19965	1RB#0	0.15~30	0.15~30
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Band4_1.4MHz_QPSK_20393_1RB#0_3000~20000_3000~2
0000



Band4_3MHz_QPSK_19965_1RB#0_1000~3000_1000~300
0



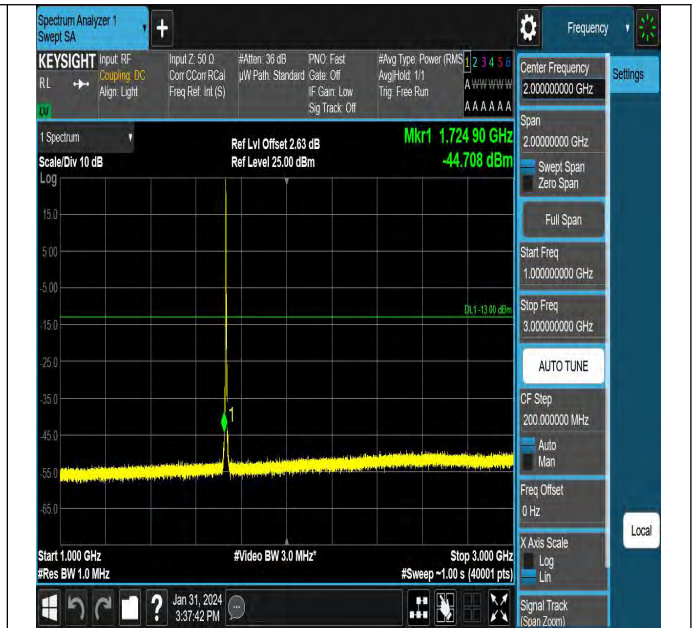
Band4_3MHz_QPSK_19965_1RB#0_0.009~0.15_0.009~0.15



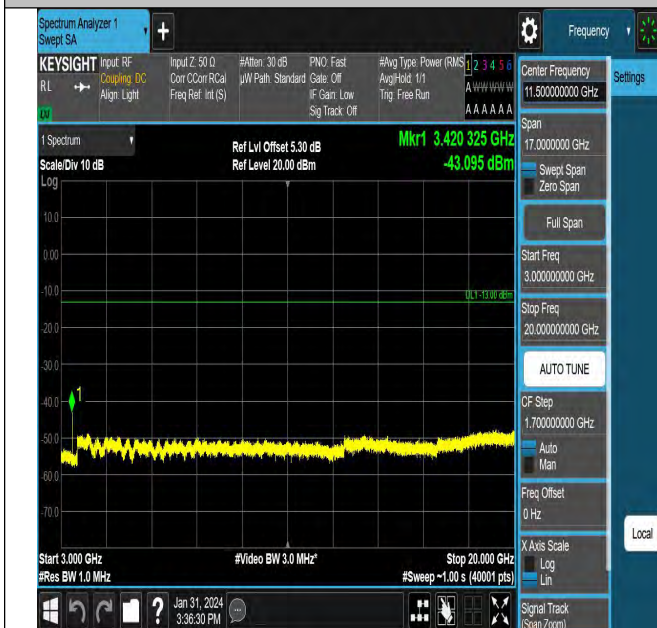
Band4_3MHz_QPSK_20175_1RB#0_0.15~30_0.15~30



Band4_3MHz_QPSK_19965_1RB#0_30~1000_30~1000



Band4_3MHz_QPSK_20175_1RB#0_1000~3000_1000~300
0



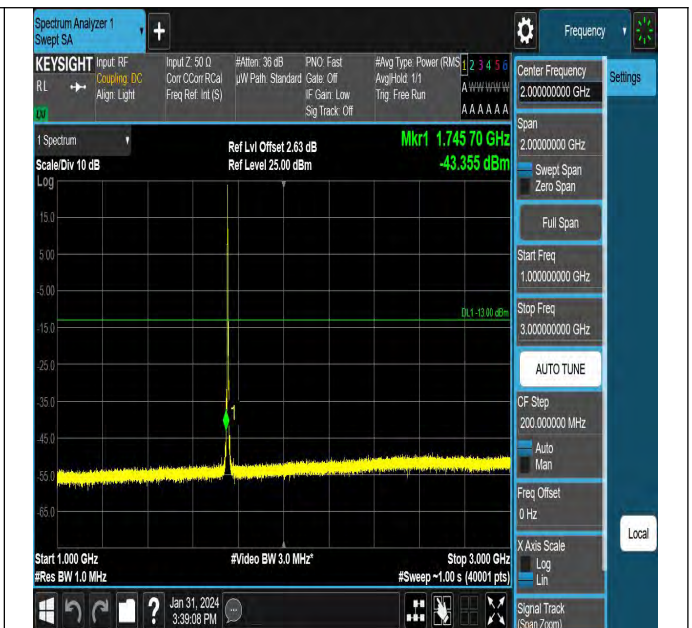
Band4_3MHz_QPSK_19965_1RB#0_3000~20000_3000~200
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Band4_3MHz_QPSK_20385_1RB#0_0.15~30_0.15~30



Band4_3MHz_QPSK_20175_1RB#0_0.009~0.15_0.009~0.15



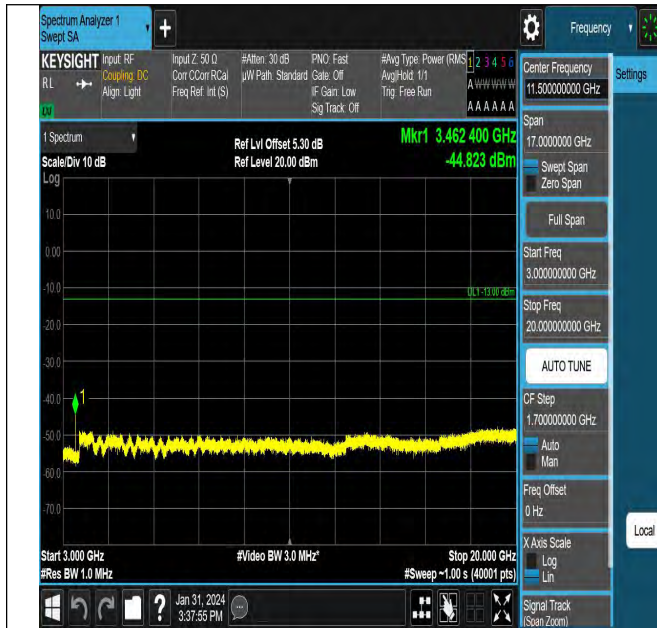
Band4_3MHz_QPSK_20385_1RB#0_1000~3000_1000~300



Band4_3MHz_QPSK_20175_1RB#0_30~1000_30~1000

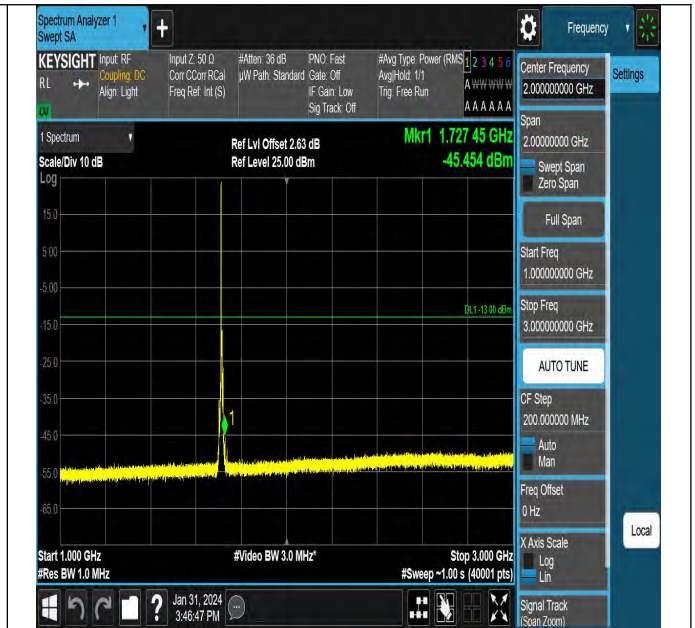


Band4 5MHz QPSK 19975 1RB#0 0.15~30 0.15~30



Band4_3MHz_QPSK_20175_1RB#0_3000~20000_3000~200

00



Band4_5MHz_QPSK_19975_1RB#0_1000~3000_1000~300

0



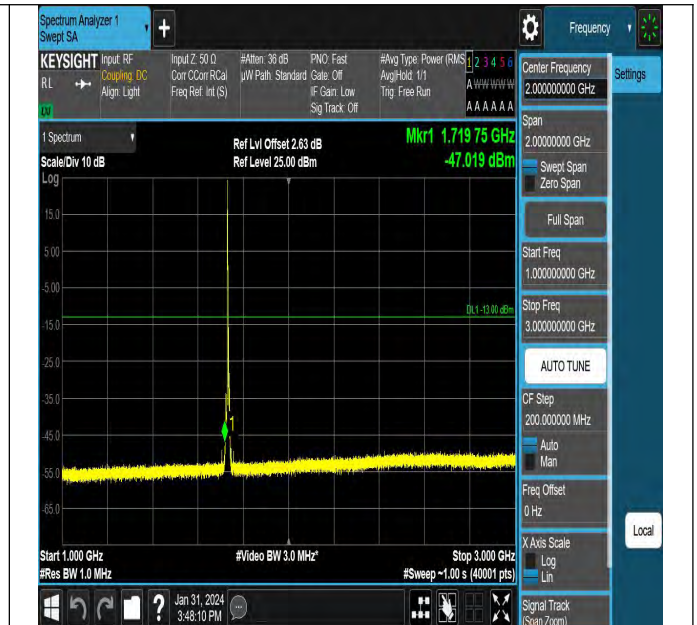
Band4_3MHz_QPSK_20385_1RB#0_0.009~0.15_0.009~0.15



Band4_5MHz_QPSK_20175_1RB#0_0.15~30_0.15~30

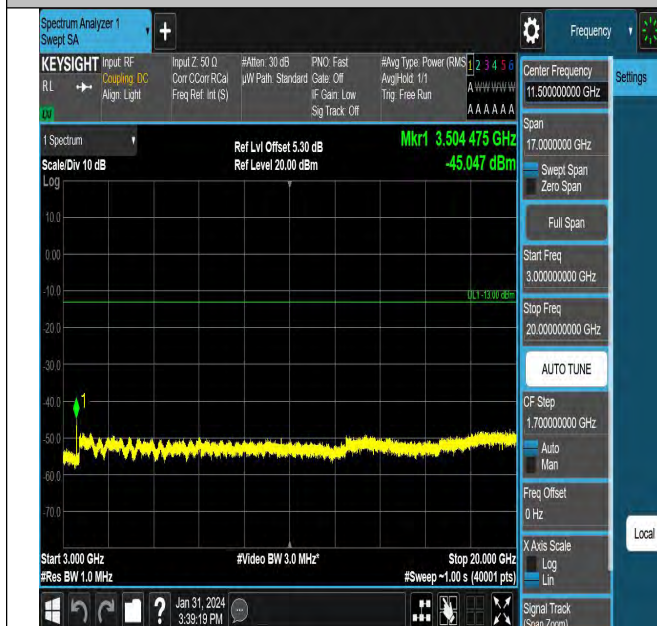


Band4_3MHz_QPSK_20385_1RB#0_30~1000_30~1000



Band4_5MHz_QPSK_20175_1RB#0_1000~3000_1000~300

0



Band4_3MHz_QPSK_20385_1RB#0_3000~20000_3000~200

00



Band4_5MHz_QPSK_20375_1RB#0_0.15~30_0.15~30